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ANALYTICAL REPORT

Job Number: 460-24277-1

Job Description: McCandless

For:
Antea USA, Inc.
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Attention: Ms. Carla Nascimento

Approved for release.
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04/11/2011

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CASE NARRATIVE

Client: Antea USA, Inc.

Project: McCandless

Report Number: 460-24277-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 03/18/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.9 and 2.2 °C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-24277-1 through 460-24277-31 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 03/30/2011 and 03/31/2011 and analyzed on 03/31/2011, 04/01/2011 and 04/02/2011.

Samples 460-24277-2(100X), 460-24277-5(200X), 460-24277-6(100X), 460-24277-8(10X), 460-24277-9(2X), 460-24277-12(100X), 460-24277-16(200X), 460-24277-17(10X), 460-24277-19(200X), 460-24277-20(2X), 460-24277-22(500X), 460-24277-23(50X), 460-24277-24(5X), 460-24277-27(100X), 460-24277-28(10X), 460-24277-29(2X), 460-24277-30 and 460-24277-31(20X) required dilution prior to analysis. Due to these high dilutions, the surrogate recoveries are not reported. The analyte reporting limits have been adjusted accordingly.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-24277-1 through 460-24277-31 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 03/19/2011 and analyzed on 03/23/2011, 03/24/2011, 03/25/2011, 03/26/2011, 03/28/2011, 03/29/2011, 03/30/2011 and 03/31/2011.

The following samples were diluted due to the abundance of target/non-target analytes: 460-24277-1, 460-24277-2, 460-24277-4, 460-24277-5, 460-24277-6, 460-24277-8, 460-24277-12, 460-24277-14, 460-24277-16, 460-24277-17, 460-24277-19, 460-24277-23, 460-24277-24, 460-24277-27, 460-24277-31. Elevated reporting limits (RLs) are provided.

The following samples were frozen past 48hrs of collection: 460-24277-3, 460-24277-7, 460-24277-9, 460-24277-10, 460-24277-11, 460-24277-13.

The matrix spike / matrix spike duplicate (MS/MSD) % RPD recoveries for 1,2,3-Trichlorobenzene and 1,4-Dioxane in batch 68358/67907 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

The matrix spike (MS) recoveries of 1,1-Dichloroethene and 1,2,4-Trichlorobenzene; the matrix spike duplicate (MSD) recoveries of Cyclohexane, 1,2-Dichloroethane and 1,2-Dichloropropane were outside control limits in batch 68208. The MS/MSD recoveries of 1,1,1-Trichloroethane and Trichloroethene were outside control limits due to the high sample concentration relative to the spike amount. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike and/or matrix spike duplicate (MS/MSD) recoveries of 1,1,2,2-Tetrachloroethane, 1,4-Dichlorobenzene, 1,2,4-Trichlorobenzene and 1,2,3-Trichlorobenzene were outside control limits in batch 68512. The MSD recovery of Acetone was outside control limits due to the high sample concentration relative to the spike amount. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for batch 68801 exceeded control limits for Dichlorodifluoromethane.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for several analytes were outside control limits in batch 68934. The MS/MSD was not spiked with 1,4-Dioxane, therefore no recoveries are reported for this compound. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The laboratory control sample (LCS) recovery of Trichlorofluoromethane was outside control limits in batch 68934. The batch matrix spike/matrix spike duplicate (MS/MSD) recoveries of Trichlorofluoromethane were within acceptance limits; therefore, the data have been reported.

Elevated reporting limits are provided for the following sample due to carry over in the low level runs.

The matrix spike (MS) recoveries for batch 69045 were outside control limits for 1,1,2,2-Tetrachloroethane, Total Xylenes and 1,2-Dibromo-3-chloropropane. The matrix spike duplicate (MSD) recoveries for batch 69045 were outside control limits for 1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane, Bromoform and Methyl Acetate. %RPD were also outside control limits for several compounds. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Acetone was detected in method blank MB 460-68548/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Acetone was detected in method blank MB 460-68728/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-24277-1 through 460-24277-31 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/28/2011, 03/29/2011 and 03/30/2011 and analyzed on 03/30/2011, 03/31/2011, 04/01/2011 and 04/03/2011.

The following sample(s) was diluted due to abundance of target analytes OR abundance of non-target analytes: 460-24277-5. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Nitrobenzene-d5 failed the surrogate recovery criteria high for 460-24277-16. Nitrobenzene-d5 failed the surrogate recovery criteria high for 460-24277-19. Nitrobenzene-d5 failed the surrogate recovery criteria high for 460-24277-2. Nitrobenzene-d5 failed the surrogate recovery criteria high for 460-24277-27. 2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d5 and Terphenyl-d14 failed the surrogate recovery criteria low for 460-24277-5. Refer to the QC report for details.

Isophorone failed the recovery criteria low for LCS 460-68798/2-A. Benzo[a]pyrene failed the recovery criteria high. 2-Methylnaphthalene and 4-Nitroaniline failed the recovery criteria high for LCS 460-69007/2-A. Refer to the QC report for details.

Several analytes failed the recovery criteria high for the MS of sample 460-24277-12 in batch 460-69222.

Several analytes failed the recovery criteria high for the MSD of sample 460-24277-12 in batch 460-68940.

Several analytes failed the recovery criteria high for the MS of sample 460-24277-7 in batch 460-68940.

Several analytes failed the recovery criteria high for the MSD of sample 460-24277-7 in batch 460-69101.

2-Methylnaphthalene and 4-Nitroaniline failed the recovery criteria high for the MS of sample 460-24279-1 in batch 460-69101.

2-Methylnaphthalene and 4-Nitroaniline failed the recovery criteria high for the MSD of sample 460-24279-1 in batch 460-69393.

Refer to the QC report for details.

Samples 460-24277-2(5X), 460-24277-5(10X), 460-24277-8(2X), 460-24277-16(5X), 460-24277-19(5X) and 460-24277-23(2X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

TOTAL CHLORIDE

Samples 460-24277-1 through 460-24277-31 were analyzed for total chloride in accordance with ASTM Method D3987-85/9251. The samples were leached on 03/28/2011 and 03/29/2011 and analyzed on 03/29/2011 and 03/31/2011.

No difficulties were encountered during the total chloride analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-24277-1 through 460-24277-31 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 03/22/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Samples 460-24277-1 through 460-24277-31 were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 03/30/2011 and 03/31/2011 and analyzed on 04/02/2011, 04/05/2011, 04/06/2011 and 04/07/2011.

The laboratory control sample (LCS) for batch 69393 exceeded control limits for the following analyte: OTP surrogate. Chlorobenzene surrogate recovery was within control limits, therefore LCS have been reported. The CCV surrogate recoveries were outside control limits but TPH recovery was within control limits.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria low for LCS 460-68964/2-A. Refer to the QC report for details.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria low for the MS of sample 460-24277-1 in batch 460-69393.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria low for the MSD of sample 460-24277-1 in batch 460-68208.

Refer to the QC report for details.

Samples 460-24277-2(10X), 460-24277-4(2X), 460-24277-5(20X), 460-24277-6(5X), 460-24277-8(50X), 460-24277-9(5X), 460-24277-12(20X), 460-24277-16(50X), 460-24277-17(5X), 460-24277-19(100X), 460-24277-22(50X), 460-24277-23(20X), 460-24277-24(25X), 460-24277-27(50X), 460-24277-28(5X), 460-24277-30(20X) and 460-24277-31(10X) required dilution prior to analysis. Due to this dilution, surrogate recoveries are not reported. The analyte reporting limits have been adjusted accordingly.

No other difficulties were encountered during the QAM 025 analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-24277-1	PMP-9-VD-E (3.5-4.0)	Solid	03/17/2011 1355	03/18/2011 1640
460-24277-2	PMP-9-WT-E (8-8.5)	Solid	03/17/2011 1357	03/18/2011 1640
460-24277-3	PMP-9-SIE (10.5-11)	Solid	03/17/2011 1400	03/18/2011 1640
460-24277-4	DUP-031711 (3.5-4)	Solid	03/17/2011 0000	03/18/2011 1640
460-24277-5	DUP-031711 (8-8.5)	Solid	03/17/2011 0000	03/18/2011 1640
460-24277-6	DUP-031711 (10.5-11)	Solid	03/17/2011 0000	03/18/2011 1640
460-24277-7	PMP-10-VD-E (3.5-4.0)	Solid	03/17/2011 1430	03/18/2011 1640
460-24277-8	PMP-10-WT-E (7.5-8.0)	Solid	03/17/2011 1435	03/18/2011 1640
460-24277-9	PMP-10-ST1-E (15-15.5)	Solid	03/17/2011 1440	03/18/2011 1640
460-24277-10	PMP-10-ST2-E (23.5-24)	Solid	03/17/2011 1445	03/18/2011 1640
460-24277-11	PMP-13-VD-E (3.5-4)	Solid	03/17/2011 1600	03/18/2011 1640
460-24277-12	PMP-13-WT-E (7.5-8.0)	Solid	03/17/2011 1605	03/18/2011 1640
460-24277-13	PMP-13-SI-E (15.5-16)	Solid	03/17/2011 1610	03/18/2011 1640
460-24277-14	PMP-13-SD-E (23.5-24)	Solid	03/17/2011 1615	03/18/2011 1640
460-24277-15	PMP-16-VD-E (3.5-4.0)	Solid	03/18/2011 0920	03/18/2011 1640
460-24277-16	PMP-16-WT-E (8.0-8.5)	Solid	03/18/2011 0925	03/18/2011 1640
460-24277-17	PMP-16-SI-E (10.5-11.0)	Solid	03/18/2011 0930	03/18/2011 1640
460-24277-18	PMP-15VD-E (3.5-4)	Solid	03/18/2011 1025	03/18/2011 1640
460-24277-19	PMP-15-WT-E (7.5-8)	Solid	03/18/2011 1030	03/18/2011 1640
460-24277-20	PMP-15-SI-E (15.5-16)	Solid	03/18/2011 1035	03/18/2011 1640
460-24277-21	PMP-15-SD-E (23.5-24.0)	Solid	03/18/2011 1040	03/18/2011 1640
460-24277-22	PMP-28-VD-E (3-5)	Solid	03/18/2011 1155	03/18/2011 1640
460-24277-23	PMP-28-WT-E (8-8.5)	Solid	03/18/2011 1200	03/18/2011 1640
460-24277-24	PMP-28-SI1-E (11-13)	Solid	03/18/2011 1205	03/18/2011 1640
460-24277-25	PMP-28-SI2-E (15-17)	Solid	03/18/2011 1210	03/18/2011 1640
460-24277-26	PMP-17-VD-E (3.5-4)	Solid	03/18/2011 1230	03/18/2011 1640
460-24277-27	PMP-17-WT-E (8-8.5)	Solid	03/18/2011 1235	03/18/2011 1640
460-24277-28	PMP-17-SI-E (10.5-11.0)	Solid	03/18/2011 1240	03/18/2011 1640
460-24277-29	PMP-18-VD-E (3.5-4)	Solid	03/18/2011 1250	03/18/2011 1640
460-24277-30	PMP-18-WT-E (8-8.5)	Solid	03/18/2011 1255	03/18/2011 1640
460-24277-31	PMP-18-SI-E (10.5-11)	Solid	03/18/2011 1300	03/18/2011 1640

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID / Analyte	Client Sample ID / Result / Qualifier		Reporting Limit	Units	Method
460-24277-1	**PMP-9-VD-E (3.5-4.0)**				
Ethylbenzene	64		49	ug/Kg	8260B
Isopropylbenzene	38	J	49	ug/Kg	8260B
Toluene	6.4	J	49	ug/Kg	8260B
1,2-Dichlorobenzene	13	J	49	ug/Kg	8260B
1,2,4-Trichlorobenzene	550		49	ug/Kg	8260B
Tetrachloroethene	11	J	49	ug/Kg	8260B
Xylenes, Total	300		150	ug/Kg	8260B
Aroclor 1242	120		70	ug/Kg	8082
Percent Moisture	4.4		1.0	%	Moisture
Percent Solids	95.6		1.0	%	Moisture
460-24277-2	**PMP-9-WT-E (8-8.5)**				
Ethylbenzene	450		53	ug/Kg	8260B
Isopropylbenzene	250		53	ug/Kg	8260B
Toluene	31	J	53	ug/Kg	8260B
1,2-Dichlorobenzene	78		53	ug/Kg	8260B
1,2,4-Trichlorobenzene	900		53	ug/Kg	8260B
1,2,3-Trichlorobenzene	170		53	ug/Kg	8260B
Methylcyclohexane	370		53	ug/Kg	8260B
Xylenes, Total	1600		160	ug/Kg	8260B
2-Methylnaphthalene	14000	*	1900	ug/Kg	8270C
Diphenyl	2000		1900	ug/Kg	8270C
Fluorene	2500		1900	ug/Kg	8270C
Phenanthrene	4400		1900	ug/Kg	8270C
Aroclor 1248	110000		7700	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)	1800		63	mg/Kg	NJ-OQA-QAM-025
Total Chloride	21.3	J	100	mg/Kg	9251
Percent Moisture	12.5		1.0	%	Moisture
Percent Solids	87.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24277-3	**PMP-9-SIE (10.5-11)**					
Acetone		20	H B	5.8	ug/Kg	8260B
Carbon disulfide		0.61	H	0.58	ug/Kg	8260B
Chloroform		0.64	H	0.58	ug/Kg	8260B
Ethylbenzene		15	H	0.58	ug/Kg	8260B
Chlorobenzene		1.5	H	0.58	ug/Kg	8260B
Isopropylbenzene		11	H	0.58	ug/Kg	8260B
Freon TF		0.44	J H	0.58	ug/Kg	8260B
Trichloroethene		0.69	H	0.58	ug/Kg	8260B
Toluene		1.6	H	0.58	ug/Kg	8260B
1,2-Dichlorobenzene		2.2	H	0.58	ug/Kg	8260B
1,4-Dichlorobenzene		0.45	J H	0.58	ug/Kg	8260B
1,2,4-Trichlorobenzene		18	H	0.58	ug/Kg	8260B
1,2,3-Trichlorobenzene		4.7	H	0.58	ug/Kg	8260B
Methylcyclohexane		28	H	0.58	ug/Kg	8260B
Tetrachloroethene		4.6	H	0.58	ug/Kg	8260B
Xylenes, Total		60	H	1.8	ug/Kg	8260B
2-Methylnaphthalene		430	*	370	ug/Kg	8270C
Fluorene		76	J	370	ug/Kg	8270C
Phenanthrene		130	J	370	ug/Kg	8270C
Aroclor 1242		1700		75	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		88	*	6.2	mg/Kg	NJ-OQA-QAM-025
Total Chloride		37.5	J	100	mg/Kg	9251
Percent Moisture		11.2		1.0	%	Moisture
Percent Solids		88.8		1.0	%	Moisture
460-24277-4	**DUP-031711 (3.5-4)**					
cis-1,2-Dichloroethene		12	J	41	ug/Kg	8260B
Chlorobenzene		22	J	41	ug/Kg	8260B
Trichloroethene		11	J	41	ug/Kg	8260B
Toluene		6.8	J	41	ug/Kg	8260B
1,2-Dichlorobenzene		190		41	ug/Kg	8260B
1,3-Dichlorobenzene		170		41	ug/Kg	8260B
1,4-Dichlorobenzene		470		41	ug/Kg	8260B
1,2,4-Trichlorobenzene		830		41	ug/Kg	8260B
Methylcyclohexane		35	J	41	ug/Kg	8260B
Xylenes, Total		90	J	120	ug/Kg	8260B
Acetophenone		100	J	340	ug/Kg	8270C
Naphthalene		85	J	340	ug/Kg	8270C
2-Methylnaphthalene		110	J *	340	ug/Kg	8270C
Aroclor 1242		85		70	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		550		11	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.8		1.0	%	Moisture
Percent Solids		96.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24277-5	**DUP-031711 (8-8.5)**					
cis-1,2-Dichloroethene		29	J	45	ug/Kg	8260B
Ethylbenzene		170		45	ug/Kg	8260B
Chlorobenzene		120		45	ug/Kg	8260B
Trichloroethene		10	J	45	ug/Kg	8260B
Toluene		67		45	ug/Kg	8260B
1,2-Dichlorobenzene		4700		45	ug/Kg	8260B
1,3-Dichlorobenzene		2400		45	ug/Kg	8260B
1,4-Dichlorobenzene		7800		45	ug/Kg	8260B
1,2,4-Trichlorobenzene		910		45	ug/Kg	8260B
1,2,3-Trichlorobenzene		980		45	ug/Kg	8260B
Methylcyclohexane		160		45	ug/Kg	8260B
Xylenes, Total		1800		140	ug/Kg	8260B
Naphthalene		14000		3500	ug/Kg	8270C
2-Methylnaphthalene		42000	*	3500	ug/Kg	8270C
Acenaphthene		2800	J	3500	ug/Kg	8270C
Fluorene		2800	J	3500	ug/Kg	8270C
Phenanthrene		5700		3500	ug/Kg	8270C
Aroclor 1242		270000		14000	ug/Kg	8082
Aroclor 1260		70000		14000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3500		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.7		1.0	%	Moisture
Percent Solids		94.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24277-6	**DUP-031711 (10.5-11)**					
cis-1,2-Dichloroethene		23	J	26	ug/Kg	8260B
Ethylbenzene		680		26	ug/Kg	8260B
Chlorobenzene		68		26	ug/Kg	8260B
Cyclohexane		18	J	26	ug/Kg	8260B
Isopropylbenzene		280		26	ug/Kg	8260B
Toluene		460		26	ug/Kg	8260B
1,2-Dichlorobenzene		650		26	ug/Kg	8260B
1,3-Dichlorobenzene		410		26	ug/Kg	8260B
1,4-Dichlorobenzene		1300		26	ug/Kg	8260B
1,2,4-Trichlorobenzene		1800		26	ug/Kg	8260B
1,2,3-Trichlorobenzene		1200		26	ug/Kg	8260B
Methylcyclohexane		120		26	ug/Kg	8260B
Xylenes, Total		2600		78	ug/Kg	8260B
Naphthalene		2700		380	ug/Kg	8270C
2-Methylnaphthalene		6700	*	380	ug/Kg	8270C
Acenaphthene		570		380	ug/Kg	8270C
Fluorene		790		380	ug/Kg	8270C
Phenanthrene		1400		380	ug/Kg	8270C
Pyrene		99	J	380	ug/Kg	8270C
Aroclor 1242		80000		7700	ug/Kg	8082
Aroclor 1260		20000		7700	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		740		32	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.3		1.0	%	Moisture
Percent Solids		86.7		1.0	%	Moisture
460-24277-7	**PMP-10-VD-E (3.5-4.0)**					
Acetone		21	H	12	ug/Kg	8260B
Methylcyclohexane		0.75	J H	1.2	ug/Kg	8260B
Tetrachloroethene		0.61	J H	1.2	ug/Kg	8260B
Aroclor 1242		65	J	70	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		27	*	5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.0		1.0	%	Moisture
Percent Solids		96.0		1.0	%	Moisture
460-24277-8	**PMP-10-WT-E (7.5-8.0)**					
Methylcyclohexane		67		43	ug/Kg	8260B
Tetrachloroethene		15	J	43	ug/Kg	8260B
Pyrene		330	J	730	ug/Kg	8270C
Aroclor 1248		9100		740	ug/Kg	8082
Aroclor 1260		1900		740	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		5300		300	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.4		1.0	%	Moisture
Percent Solids		90.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24277-9	**PMP-10-ST1-E (15-15.5)**					
Acetone		540	H	8.9	ug/Kg	8260B
Carbon disulfide		15	H	0.89	ug/Kg	8260B
Chloroform		11	H	0.89	ug/Kg	8260B
2-Butanone		62	H	8.9	ug/Kg	8260B
Ethylbenzene		15	H	0.89	ug/Kg	8260B
Isopropylbenzene		15	H	0.89	ug/Kg	8260B
Toluene		3.0	H	0.89	ug/Kg	8260B
1,2,4-Trichlorobenzene		14	H	0.89	ug/Kg	8260B
Methylcyclohexane		31	H	0.89	ug/Kg	8260B
Tetrachloroethene		1.1	H	0.89	ug/Kg	8260B
Xylenes, Total		57	H	2.7	ug/Kg	8260B
Naphthalene		450		390	ug/Kg	8270C
2-Methylnaphthalene		450		390	ug/Kg	8270C
Diphenyl		180	J	390	ug/Kg	8270C
Phenanthrene		450		390	ug/Kg	8270C
Pyrene		72	J	390	ug/Kg	8270C
Aroclor 1248		2700		160	ug/Kg	8082
Aroclor 1260		380		160	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1200		33	mg/Kg	NJ-OQA-QAM-025
Total Chloride		37.9	J	100	mg/Kg	9251
Percent Moisture		15.2		1.0	%	Moisture
Percent Solids		84.8		1.0	%	Moisture
460-24277-10	**PMP-10-ST2-E (23.5-24)**					
Acetone		17	H	10	ug/Kg	8260B
Carbon disulfide		0.83	J H	1.0	ug/Kg	8260B
Ethylbenzene		0.55	J H	1.0	ug/Kg	8260B
Isopropylbenzene		0.43	J H	1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.64	J H	1.0	ug/Kg	8260B
Methylcyclohexane		0.60	J H	1.0	ug/Kg	8260B
Xylenes, Total		2.1	J H	3.1	ug/Kg	8260B
Aroclor 1242		100		80	ug/Kg	8082
Total Chloride		23.1	J	100	mg/Kg	9251
Percent Moisture		16.5		1.0	%	Moisture
Percent Solids		83.5		1.0	%	Moisture
460-24277-11	**PMP-13-VD-E (3.5-4)**					
Acetone		9.7	H B	8.9	ug/Kg	8260B
Aroclor 1248		330		70	ug/Kg	8082
Percent Moisture		3.9		1.0	%	Moisture
Percent Solids		96.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24277-12	**PMP-13-WT-E (7.5-8.0)**					
Cyclohexane		920		46	ug/Kg	8260B
1,4-Dichlorobenzene		18	J	46	ug/Kg	8260B
1,2,4-Trichlorobenzene		1000		46	ug/Kg	8260B
Methylcyclohexane		380		46	ug/Kg	8260B
Tetrachloroethene		24	J	46	ug/Kg	8260B
Xylenes, Total		190		140	ug/Kg	8260B
Pyrene		98	J	360	ug/Kg	8270C
Aroclor 1242		130000		7400	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2600		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.5		1.0	%	Moisture
Percent Solids		90.5		1.0	%	Moisture
460-24277-13	**PMP-13-SI-E (15.5-16)**					
Acetone		16	H B	7.8	ug/Kg	8260B
cis-1,2-Dichloroethene		0.87	H	0.78	ug/Kg	8260B
Trichloroethene		1.5	H	0.78	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.3	H	0.78	ug/Kg	8260B
Aroclor 1248		810		75	ug/Kg	8082
Percent Moisture		10.6		1.0	%	Moisture
Percent Solids		89.4		1.0	%	Moisture
460-24277-14	**PMP-13-SD-E (23.5-24)**					
trans-1,2-Dichloroethene		18	J	28	ug/Kg	8260B
cis-1,2-Dichloroethene		19	J	28	ug/Kg	8260B
Chlorobenzene		5.1	J	28	ug/Kg	8260B
Trichloroethene		390		28	ug/Kg	8260B
1,2-Dichlorobenzene		6.5	J	28	ug/Kg	8260B
1,2,4-Trichlorobenzene		26	J	28	ug/Kg	8260B
Aroclor 1242		330		79	ug/Kg	8082
Percent Moisture		15.4		1.0	%	Moisture
Percent Solids		84.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24277-15	**PMP-16-VD-E (3.5-4.0)**					
Acetone		8.2	B	6.0	ug/Kg	8260B
Ethylbenzene		3.1		0.60	ug/Kg	8260B
Isopropylbenzene		1.2		0.60	ug/Kg	8260B
1,2-Dichlorobenzene		0.71		0.60	ug/Kg	8260B
1,3-Dichlorobenzene		0.51	J	0.60	ug/Kg	8260B
1,4-Dichlorobenzene		4.7		0.60	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.34	J	0.60	ug/Kg	8260B
Methylcyclohexane		3.9		0.60	ug/Kg	8260B
Xylenes, Total		13		1.8	ug/Kg	8260B
Aroclor 1242		32	J	72	ug/Kg	8082
Aroclor 1260		35	J	72	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		7.4		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.9		1.0	%	Moisture
Percent Solids		93.1		1.0	%	Moisture
460-24277-16	**PMP-16-WT-E (8.0-8.5)**					
Benzene		37	J	47	ug/Kg	8260B
Ethylbenzene		3500		47	ug/Kg	8260B
Cyclohexane		2600		47	ug/Kg	8260B
Isopropylbenzene		900		47	ug/Kg	8260B
1,2-Dichlorobenzene		85		47	ug/Kg	8260B
1,3-Dichlorobenzene		46	J	47	ug/Kg	8260B
1,4-Dichlorobenzene		320		47	ug/Kg	8260B
1,2,4-Trichlorobenzene		450		47	ug/Kg	8260B
1,2,3-Trichlorobenzene		170		47	ug/Kg	8260B
Methylcyclohexane		1900		47	ug/Kg	8260B
Xylenes, Total		11000		140	ug/Kg	8260B
Naphthalene		6100		1900	ug/Kg	8270C
2-Methylnaphthalene		28000		1900	ug/Kg	8270C
Diphenyl		2200		1900	ug/Kg	8270C
Fluorene		3000		1900	ug/Kg	8270C
Phenanthrene		6900		1900	ug/Kg	8270C
Pyrene		480	J	1900	ug/Kg	8270C
Aroclor 1248		220000		15000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		5400		310	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.6		1.0	%	Moisture
Percent Solids		88.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24277-17	**PMP-16-SI-E (10.5-11.0)**					
Ethylbenzene		3800		27	ug/Kg	8260B
Cyclohexane		2000		27	ug/Kg	8260B
Isopropylbenzene		900		27	ug/Kg	8260B
1,2-Dichlorobenzene		97		27	ug/Kg	8260B
1,3-Dichlorobenzene		31		27	ug/Kg	8260B
1,4-Dichlorobenzene		330		27	ug/Kg	8260B
1,2,4-Trichlorobenzene		57		27	ug/Kg	8260B
Methylcyclohexane		1100		27	ug/Kg	8260B
Xylenes, Total		8000		80	ug/Kg	8260B
Naphthalene		2300		390	ug/Kg	8270C
2-Methylnaphthalene		7600		390	ug/Kg	8270C
Diphenyl		750		390	ug/Kg	8270C
Fluorene		740		390	ug/Kg	8270C
Phenanthrene		1800		390	ug/Kg	8270C
Pyrene		130	J	390	ug/Kg	8270C
Aroclor 1242		7300		790	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1000		32	mg/Kg	NJ-OQA-QAM-025
Total Chloride		38.4	J	100	mg/Kg	9251
Percent Moisture		14.9		1.0	%	Moisture
Percent Solids		85.1		1.0	%	Moisture
460-24277-18	**PMP-15VD-E (3.5-4)**					
Acetone		31		7.9	ug/Kg	8260B
Trichloroethene		0.69	J	0.79	ug/Kg	8260B
Tetrachloroethene		0.28	J	0.79	ug/Kg	8260B
Aroclor 1242		320		73	ug/Kg	8082
Percent Moisture		8.3		1.0	%	Moisture
Percent Solids		91.7		1.0	%	Moisture
460-24277-19	**PMP-15-WT-E (7.5-8)**					
Trichloroethene		100		47	ug/Kg	8260B
1,2-Dichlorobenzene		28	J	47	ug/Kg	8260B
1,4-Dichlorobenzene		38	J	47	ug/Kg	8260B
1,2,4-Trichlorobenzene		1300		47	ug/Kg	8260B
Tetrachloroethene		210		47	ug/Kg	8260B
Pyrene		820	J	1900	ug/Kg	8270C
Aroclor 1242		330000		15000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		14000		620	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.8		1.0	%	Moisture
Percent Solids		88.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24277-20	**PMP-15-SI-E (15.5-16)**					
Acetone		25		9.8	ug/Kg	8260B
Carbon disulfide		3.1		0.98	ug/Kg	8260B
cis-1,2-Dichloroethene		0.34	J	0.98	ug/Kg	8260B
1,2,4-Trichlorobenzene		2.4		0.98	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.84	J	0.98	ug/Kg	8260B
Aroclor 1242		2500		150	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		6.9		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.6		1.0	%	Moisture
Percent Solids		86.4		1.0	%	Moisture
460-24277-21	**PMP-15-SD-E (23.5-24.0)**					
Vinyl chloride		0.48	J	0.54	ug/Kg	8260B
Acetone		35		5.4	ug/Kg	8260B
Carbon disulfide		0.83		0.54	ug/Kg	8260B
1,1-Dichloroethene		0.39	J	0.54	ug/Kg	8260B
trans-1,2-Dichloroethene		3.1		0.54	ug/Kg	8260B
cis-1,2-Dichloroethene		61		0.54	ug/Kg	8260B
Ethylbenzene		2.4		0.54	ug/Kg	8260B
Chlorobenzene		1.4		0.54	ug/Kg	8260B
Cyclohexane		0.18	J	0.54	ug/Kg	8260B
Isopropylbenzene		0.71		0.54	ug/Kg	8260B
Trichloroethene		87		0.54	ug/Kg	8260B
Toluene		0.31	J	0.54	ug/Kg	8260B
1,2-Dichlorobenzene		0.66		0.54	ug/Kg	8260B
1,2,4-Trichlorobenzene		20		0.54	ug/Kg	8260B
1,2,3-Trichlorobenzene		4.7		0.54	ug/Kg	8260B
Methylcyclohexane		0.32	J	0.54	ug/Kg	8260B
Tetrachloroethene		1.8		0.54	ug/Kg	8260B
Aroclor 1242		74	J	77	ug/Kg	8082
Percent Moisture		13.2		1.0	%	Moisture
Percent Solids		86.8		1.0	%	Moisture
460-24277-22	**PMP-28-VD-E (3-5)**					
Acetone		30		8.4	ug/Kg	8260B
cis-1,2-Dichloroethene		0.23	J	0.84	ug/Kg	8260B
Trichloroethene		1.2		0.84	ug/Kg	8260B
1,2,4-Trichlorobenzene		27		0.84	ug/Kg	8260B
Tetrachloroethene		0.73	J	0.84	ug/Kg	8260B
Pyrene		62	J	350	ug/Kg	8270C
Aroclor 1248		240000		35000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		9000		290	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.4		1.0	%	Moisture
Percent Solids		94.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24277-23	**PMP-28-WT-E (8-8.5)**					
Trichloroethene		30	J	53	ug/Kg	8260B
1,2,4-Trichlorobenzene		1200		53	ug/Kg	8260B
Tetrachloroethene		18	J	53	ug/Kg	8260B
Pyrene		260	J	780	ug/Kg	8270C
Aroclor 1248		53000		3900	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		4100		130	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.7		1.0	%	Moisture
Percent Solids		85.3		1.0	%	Moisture
460-24277-24	**PMP-28-SI1-E (11-13)**					
Isopropylbenzene		22	J	54	ug/Kg	8260B
Trichloroethene		40	J	54	ug/Kg	8260B
1,4-Dichlorobenzene		25	J	54	ug/Kg	8260B
1,2,4-Trichlorobenzene		1300		54	ug/Kg	8260B
1,2,3-Trichlorobenzene		140		54	ug/Kg	8260B
Methylcyclohexane		96		54	ug/Kg	8260B
Tetrachloroethene		20	J	54	ug/Kg	8260B
Xylenes, Total		140	J	160	ug/Kg	8260B
2-Methylnaphthalene		210	J	380	ug/Kg	8270C
Phenanthrene		230	J	380	ug/Kg	8270C
Pyrene		93	J	380	ug/Kg	8270C
Aroclor 1248		5900		380	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		4800		160	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.4		1.0	%	Moisture
Percent Solids		87.6		1.0	%	Moisture
460-24277-25	**PMP-28-SI2-E (15-17)**					
Acetone		5.7		5.2	ug/Kg	8260B
Carbon disulfide		0.65		0.52	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.4		0.52	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.36	J	0.52	ug/Kg	8260B
Aroclor 1248		130		77	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		31		6.3	mg/Kg	NJ-OQA-QAM-025
Total Chloride		30.9	J	100	mg/Kg	9251
Percent Moisture		13.4		1.0	%	Moisture
Percent Solids		86.6		1.0	%	Moisture
460-24277-26	**PMP-17-VD-E (3.5-4)**					
Total Petroleum Hydrocarbons (C8-C40)		7.9		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.1		1.0	%	Moisture
Percent Solids		95.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24277-27	**PMP-17-WT-E (8-8.5)**					
Isopropylbenzene		24	J	51	ug/Kg	8260B
1,2,4-Trichlorobenzene		900		51	ug/Kg	8260B
Tetrachloroethene		53		51	ug/Kg	8260B
Xylenes, Total		140	J	150	ug/Kg	8260B
2-Methylnaphthalene		1900		370	ug/Kg	8270C
Phenanthrene		1600		370	ug/Kg	8270C
Aroclor 1242		170000		7500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		6600		310	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.0		1.0	%	Moisture
Percent Solids		89.0		1.0	%	Moisture
460-24277-28	**PMP-17-SI-E (10.5-11.0)**					
Acetone		27		7.4	ug/Kg	8260B
Carbon disulfide		0.65	J	0.74	ug/Kg	8260B
cis-1,2-Dichloroethene		1.2		0.74	ug/Kg	8260B
2-Butanone		1.8	J	7.4	ug/Kg	8260B
Ethylbenzene		0.20	J	0.74	ug/Kg	8260B
Trichloroethene		1.4		0.74	ug/Kg	8260B
Toluene		0.44	J	0.74	ug/Kg	8260B
1,2,4-Trichlorobenzene		6.2		0.74	ug/Kg	8260B
Methylcyclohexane		1.2		0.74	ug/Kg	8260B
Tetrachloroethene		1.1		0.74	ug/Kg	8260B
Xylenes, Total		4.7		2.2	ug/Kg	8260B
2-Methylnaphthalene		1000		380	ug/Kg	8270C
Phenanthrene		480		380	ug/Kg	8270C
Pyrene		74	J	380	ug/Kg	8270C
Aroclor 1242		18000		770	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		590		32	mg/Kg	NJ-OQA-QAM-025
Total Chloride		21.7	J	100	mg/Kg	9251
Percent Moisture		13.1		1.0	%	Moisture
Percent Solids		86.9		1.0	%	Moisture
460-24277-29	**PMP-18-VD-E (3.5-4)**					
Acetone		7.5	J	10	ug/Kg	8260B
1,3-Dichlorobenzene		1.9		1.0	ug/Kg	8260B
1,4-Dichlorobenzene		5.2		1.0	ug/Kg	8260B
Xylenes, Total		1.4	J	3.1	ug/Kg	8260B
Aroclor 1248		2200		150	ug/Kg	8082
Aroclor 1260		700		150	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		41		6.1	mg/Kg	NJ-OQA-QAM-025
Total Chloride		25.7	J	100	mg/Kg	9251
Percent Moisture		9.7		1.0	%	Moisture
Percent Solids		90.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24277-30	**PMP-18-WT-E (8-8.5)**					
Acetone		17		10	ug/Kg	8260B
2-Butanone		7.5	J	10	ug/Kg	8260B
Ethylbenzene		1.4		1.0	ug/Kg	8260B
Isopropylbenzene		0.75	J	1.0	ug/Kg	8260B
4-Methyl-2-pentanone		3.0	J	10	ug/Kg	8260B
1,3-Dichlorobenzene		1.1		1.0	ug/Kg	8260B
1,4-Dichlorobenzene		4.3		1.0	ug/Kg	8260B
Xylenes, Total		4.6		3.0	ug/Kg	8260B
2-Methylnaphthalene		400		360	ug/Kg	8270C
Fluorene		770		360	ug/Kg	8270C
Phenanthrene		1400		360	ug/Kg	8270C
Pyrene		220	J	360	ug/Kg	8270C
Aroclor 1242		31000		1500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3400		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		8.4		1.0	%	Moisture
Percent Solids		91.6		1.0	%	Moisture
460-24277-31	**PMP-18-SI-E (10.5-11)**					
Acetone		2400		250	ug/Kg	8260B
Carbon disulfide		12	J	25	ug/Kg	8260B
2-Butanone		470		250	ug/Kg	8260B
Benzene		40		25	ug/Kg	8260B
Ethylbenzene		160		25	ug/Kg	8260B
Isopropylbenzene		120		25	ug/Kg	8260B
Toluene		3.5	J	25	ug/Kg	8260B
1,3-Dichlorobenzene		54		25	ug/Kg	8260B
1,4-Dichlorobenzene		270		25	ug/Kg	8260B
1,2,4-Trichlorobenzene		79		25	ug/Kg	8260B
Methylcyclohexane		250		25	ug/Kg	8260B
Xylenes, Total		650		76	ug/Kg	8260B
Naphthalene		540		390	ug/Kg	8270C
2-Methylnaphthalene		2600	*	390	ug/Kg	8270C
Acenaphthene		250	J	390	ug/Kg	8270C
Fluorene		480		390	ug/Kg	8270C
Phenanthrene		900		390	ug/Kg	8270C
Pyrene		90	J	390	ug/Kg	8270C
Aroclor 1242		25000		1600	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1400		64	mg/Kg	NJ-OQA-QAM-025
Total Chloride		22.5	J	100	mg/Kg	9251
Percent Moisture		14.6		1.0	%	Moisture
Percent Solids		85.4		1.0	%	Moisture

METHOD SUMMARY

Client: Antea USA, Inc. Job Number: 460-24277-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
New Jersey - Total petroleum Hydrocarbons (GC)	TAL EDI	NJDEP NJ-OQA-QAM-025	
Microwave Extraction	TAL EDI		SW846 3546
Chloride	TAL EDI	SW846 9251	
Leaching Procedure	TAL EDI		ASTM D3987-85
Percent Moisture	TAL EDI	EPA Moisture	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Antea USA, Inc. Job Number: 460-24277-1

Method	Analyst	Analyst ID
SW846 8260B	Desai, Saurab	SD
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Asfaw, Abebaye A.	AAA
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Szczech, Anna	AS
SW846 8270C	Zhao, Chunxin	CZ
SW846 8082	Boykin, Carol B	CBB
NJDEP NJ-OQA-QAM-025	Patel, Hemex	HP
NJDEP NJ-OQA-QAM-025	Yip, Ming	MY
SW846 9251	Cabanganan, Maria	MB
EPA Moisture	Retana, Camille	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-1 Date Sampled: 03/17/2011 1355
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98585.d
Dilution:	50			Initial Weight/Volume:	5.36 g
Analysis Date:	03/23/2011 1759			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1546				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		49	U	10	49
Bromomethane		49	U	15	49
Vinyl chloride		49	U	5.8	49
Chloroethane		49	U	22	49
Methylene Chloride		49	U	9.4	49
Acetone		490	U	120	490
Carbon disulfide		49	U	7.1	49
Trichlorofluoromethane		49	U	7.7	49
1,1-Dichloroethene		49	U	6.9	49
1,1-Dichloroethane		49	U	4.9	49
trans-1,2-Dichloroethene		49	U	6.7	49
cis-1,2-Dichloroethene		49	U	9.4	49
Chloroform		49	U	7.6	49
2-Butanone		490	U	40	490
1,2-Dichloroethane		49	U	12	49
1,1,1-Trichloroethane		49	U	12	49
Carbon tetrachloride		49	U	8.8	49
Benzene		49	U	5.8	49
Bromoform		49	U	4.8	49
Styrene		49	U	6.8	49
Ethylbenzene		64		12	49
Chlorobenzene		49	U	8.1	49
Cyclohexane		49	U	6.0	49
Isopropylbenzene		38	J	10	49
2-Hexanone		490	U	27	490
MTBE		49	U	9.0	49
Freon TF		49	U	14	49
Methyl acetate		98	U	16	98
1,4-Dioxane		2400	U	410	2400
Trichloroethene		49	U	8.7	49
Toluene		6.4	J	4.6	49
trans-1,3-Dichloropropene		49	U	6.0	49
4-Methyl-2-pentanone		490	U	33	490
cis-1,3-Dichloropropene		49	U	5.0	49
1,2-Dichlorobenzene		13	J	7.9	49
1,3-Dichlorobenzene		49	U	11	49
1,4-Dichlorobenzene		49	U	7.4	49
1,2,4-Trichlorobenzene		550		21	49
1,2,3-Trichlorobenzene		49	U	41	49
1,2-Dichloropropane		49	U	4.3	49
Methylcyclohexane		49	U	3.9	49
Tetrachloroethene		11	J	9.6	49
Xylenes, Total		300		21	150
1,2-Dibromo-3-Chloropropane		49	U	7.5	49
1,1,2,2-Tetrachloroethane		49	U	4.2	49
1,1,2-Trichloroethane		49	U	4.7	49

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-1 Date Sampled: 03/17/2011 1355
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98585.d
Dilution:	50			Initial Weight/Volume:	5.36 g
Analysis Date:	03/23/2011 1759			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1546				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		49	U	4.9	49
1,2-Dibromoethane		49	U	4.5	49
Dichlorodifluoromethane		49	U	14	49
Bromochloromethane		49	U	8.4	49
Bromodichloromethane		49	U	4.4	49

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		57 - 135
Toluene-d8 (Surr)	84		46 - 130
Bromofluorobenzene	104		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-1 Date Sampled: 03/17/2011 1355
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98585.d
Dilution:	50			Initial Weight/Volume:	5.36 g
Analysis Date:	03/23/2011 1759			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1546				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C10H20 Cycloalkane	13.63	1800	J
	Decahydronaphthalene isomer	14.24	4200	J
	Coeluting Aromatics	14.82	4400	J
	Decahydromethylnaphthalene isomer	15.02	3400	J
	Decahydromethylnaphthalene isomer-1	15.31	4100	J
	C10H14 Aromatic/C13H28 Alkane	15.77	3500	J
	C14H30 Alkane	16.67	2800	J
	Unknown-3	17.11	4500	J
	Unknown-5	17.60	1500	J
	C12H16 Aromatic	18.28	1400	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-WT-E (8-8.5)**

Lab Sample ID: 460-24277-2 Date Sampled: 03/17/2011 1357
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98586.d
Dilution:	50			Initial Weight/Volume:	5.4 g
Analysis Date:	03/23/2011 1832			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1546				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		53	U	11	53
Bromomethane		53	U	17	53
Vinyl chloride		53	U	6.3	53
Chloroethane		53	U	24	53
Methylene Chloride		53	U	10	53
Acetone		530	U	130	530
Carbon disulfide		53	U	7.7	53
Trichlorofluoromethane		53	U	8.3	53
1,1-Dichloroethene		53	U	7.4	53
1,1-Dichloroethane		53	U	5.3	53
trans-1,2-Dichloroethene		53	U	7.3	53
cis-1,2-Dichloroethene		53	U	10	53
Chloroform		53	U	8.2	53
2-Butanone		530	U	43	530
1,2-Dichloroethane		53	U	13	53
1,1,1-Trichloroethane		53	U	13	53
Carbon tetrachloride		53	U	9.5	53
Benzene		53	U	6.3	53
Bromoform		53	U	5.2	53
Styrene		53	U	7.4	53
Ethylbenzene		450		13	53
Chlorobenzene		53	U	8.7	53
Cyclohexane		53	U	6.6	53
Isopropylbenzene		250		11	53
2-Hexanone		530	U	29	530
MTBE		53	U	9.8	53
Freon TF		53	U	15	53
Methyl acetate		110	U	17	110
1,4-Dioxane		2600	U	450	2600
Trichloroethene		53	U	9.4	53
Toluene		31	J	5.0	53
trans-1,3-Dichloropropene		53	U	6.5	53
4-Methyl-2-pentanone		530	U	36	530
cis-1,3-Dichloropropene		53	U	5.4	53
1,2-Dichlorobenzene		78		8.6	53
1,3-Dichlorobenzene		53	U	12	53
1,4-Dichlorobenzene		53	U	8.0	53
1,2,4-Trichlorobenzene		900		23	53
1,2,3-Trichlorobenzene		170		44	53
1,2-Dichloropropane		53	U	4.6	53
Methylcyclohexane		370		4.2	53
Tetrachloroethene		53	U	10	53
Xylenes, Total		1600		23	160
1,2-Dibromo-3-Chloropropane		53	U	8.1	53
1,1,2,2-Tetrachloroethane		53	U	4.6	53
1,1,2-Trichloroethane		53	U	5.2	53

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-WT-E (8-8.5)**

Lab Sample ID: 460-24277-2 Date Sampled: 03/17/2011 1357
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98586.d
Dilution:	50			Initial Weight/Volume:	5.4 g
Analysis Date:	03/23/2011 1832			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1546				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		53	U	5.3	53
1,2-Dibromoethane		53	U	4.8	53
Dichlorodifluoromethane		53	U	15	53
Bromochloromethane		53	U	9.1	53
Bromodichloromethane		53	U	4.7	53

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		57 - 135
Toluene-d8 (Surr)	90		46 - 130
Bromofluorobenzene	111		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-WT-E (8-8.5)**

Lab Sample ID: 460-24277-2 Date Sampled: 03/17/2011 1357
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98586.d
Dilution:	50			Initial Weight/Volume:	5.4 g
Analysis Date:	03/23/2011 1832			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1546				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C10H22 Alkane/C9H12 Aromatic	12.91	8200	J
95-63-6	1,2,4-Trimethylbenzene	13.38	6800	
	C10H20 Cycloalkane/C10H14 Aromatic	13.63	8300	J
	Diethylbenzene isomer	14.13	12000	J
	Decahydronaphthalene isomer	14.24	8700	J
	Methyl-methylethylbenzene isomer	14.59	6000	J
	Coeluting Aromatics	14.77	15000	J
	Decahydromethylnaphthalene isomer-1	15.29	10000	J
	Tetramethylbenzene isomer-2	15.77	9200	J
	Coeluting Aromatics-4	16.50	8700	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-SIE (10.5-11)**

Lab Sample ID: 460-24277-3 Date Sampled: 03/17/2011 1400
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46661.d
Dilution:	1.0			Initial Weight/Volume:	9.63 g
Analysis Date:	03/26/2011 0404			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1656				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.58	U H	0.37	0.58
Bromomethane		0.58	U H	0.24	0.58
Vinyl chloride		0.58	U H	0.14	0.58
Chloroethane		0.58	U H	0.23	0.58
Methylene Chloride		0.58	U H	0.28	0.58
Acetone		20	H B	2.2	5.8
Carbon disulfide		0.61	H	0.27	0.58
Trichlorofluoromethane		0.58	U H	0.15	0.58
1,1-Dichloroethene		0.58	U H	0.22	0.58
1,1-Dichloroethane		0.58	U H	0.15	0.58
trans-1,2-Dichloroethene		0.58	U H	0.17	0.58
cis-1,2-Dichloroethene		0.58	U H	0.14	0.58
Chloroform		0.64	H	0.14	0.58
2-Butanone		5.8	U H	0.33	5.8
1,2-Dichloroethane		0.58	U H	0.23	0.58
1,1,1-Trichloroethane		0.58	U H	0.11	0.58
Carbon tetrachloride		0.58	U H	0.059	0.58
Benzene		0.58	U H	0.43	0.58
Bromoform		0.58	U H	0.41	0.58
Styrene		0.58	U H	0.20	0.58
Ethylbenzene		15	H	0.11	0.58
Chlorobenzene		1.5	H	0.28	0.58
Cyclohexane		0.58	U H	0.13	0.58
Isopropylbenzene		11	H	0.15	0.58
2-Hexanone		5.8	U H	0.98	5.8
MTBE		0.58	U H	0.20	0.58
Freon TF		0.44	J H	0.28	0.58
Methyl acetate		0.58	U H	0.52	0.58
1,4-Dioxane		29	U H	2.4	29
Trichloroethene		0.69	H	0.21	0.58
Toluene		1.6	H	0.17	0.58
trans-1,3-Dichloropropene		0.58	U H	0.13	0.58
4-Methyl-2-pentanone		5.8	U H	0.42	5.8
cis-1,3-Dichloropropene		0.58	U H	0.12	0.58
1,2-Dichlorobenzene		2.2	H	0.37	0.58
1,3-Dichlorobenzene		0.58	U H	0.28	0.58
1,4-Dichlorobenzene		0.45	J H	0.42	0.58
1,2,4-Trichlorobenzene		18	H	0.31	0.58
1,2,3-Trichlorobenzene		4.7	H	0.38	0.58
1,2-Dichloropropane		0.58	U H	0.19	0.58
Methylcyclohexane		28	H	0.16	0.58
Tetrachloroethene		4.6	H	0.19	0.58
Xylenes, Total		60	H	0.46	1.8
1,2-Dibromo-3-Chloropropane		0.58	U H	0.36	0.58
1,1,2,2-Tetrachloroethane		0.58	U H	0.44	0.58
1,1,2-Trichloroethane		0.58	U H	0.35	0.58

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-SIE (10.5-11)**

Lab Sample ID: 460-24277-3 Date Sampled: 03/17/2011 1400
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46661.d
Dilution:	1.0			Initial Weight/Volume:	9.63 g
Analysis Date:	03/26/2011 0404			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1656				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.58	U H	0.33	0.58
1,2-Dibromoethane		0.58	U H	0.30	0.58
Dichlorodifluoromethane		0.58	U H	0.24	0.58
Bromochloromethane		0.58	U H	0.16	0.58
Bromodichloromethane		0.58	U H	0.18	0.58

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 138
Toluene-d8 (Surr)	90		66 - 126
Bromofluorobenzene	94		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-SIE (10.5-11)**

Lab Sample ID: 460-24277-3 Date Sampled: 03/17/2011 1400
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46661.d
Dilution:	1.0			Initial Weight/Volume:	9.63 g
Analysis Date:	03/26/2011 0404			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1656				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
95-63-6	1,2,4-Trimethylbenzene	11.01	150	H
	C11H24 Alkane	12.29	190	H J
	Decahydromethylnaphthalene isomer	12.89	74	H J
	Ethyldimethylbenzene isomer-3	12.93	82	H J
	Tetramethylbenzene isomer	13.32	140	H J
	C12H26 Alkane	13.40	320	H J
	Tetrahydronaphthalene isomer	13.45	72	H J
	C13H28 Alkane	13.52	91	H J
	C13H28 Alkane-1	14.23	100	H J
	Methylnaphthalene isomer	14.75	82	H J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (3.5-4)**

Lab Sample ID: 460-24277-4 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 3.8 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98627.d
Dilution:	50			Initial Weight/Volume:	6.32 g
Analysis Date:	03/24/2011 1526			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1548				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		41	U	8.7	41
Bromomethane		41	U	13	41
Vinyl chloride		41	U	4.9	41
Chloroethane		41	U	18	41
Methylene Chloride		41	U	7.9	41
Acetone		410	U	100	410
Carbon disulfide		41	U	6.0	41
Trichlorofluoromethane		41	U	6.5	41
1,1-Dichloroethene		41	U	5.8	41
1,1-Dichloroethane		41	U	4.1	41
trans-1,2-Dichloroethene		41	U	5.7	41
cis-1,2-Dichloroethene		12	J	8.0	41
Chloroform		41	U	6.4	41
2-Butanone		410	U	34	410
1,2-Dichloroethane		41	U	10	41
1,1,1-Trichloroethane		41	U	10	41
Carbon tetrachloride		41	U	7.4	41
Benzene		41	U	4.9	41
Bromoform		41	U	4.1	41
Styrene		41	U	5.7	41
Ethylbenzene		41	U	10	41
Chlorobenzene		22	J	6.8	41
Cyclohexane		41	U	5.1	41
Isopropylbenzene		41	U	8.7	41
2-Hexanone		410	U	22	410
MTBE		41	U	7.6	41
Freon TF		41	U	12	41
Methyl acetate		82	U	14	82
1,4-Dioxane		2100	U	350	2100
Trichloroethene		11	J	7.3	41
Toluene		6.8	J	3.9	41
trans-1,3-Dichloropropene		41	U	5.0	41
4-Methyl-2-pentanone		410	U	28	410
cis-1,3-Dichloropropene		41	U	4.2	41
1,2-Dichlorobenzene		190		6.7	41
1,3-Dichlorobenzene		170		9.3	41
1,4-Dichlorobenzene		470		6.2	41
1,2,4-Trichlorobenzene		830		18	41
1,2,3-Trichlorobenzene		41	U	34	41
1,2-Dichloropropane		41	U	3.6	41
Methylcyclohexane		35	J	3.3	41
Tetrachloroethene		41	U	8.1	41
Xylenes, Total		90	J	18	120
1,2-Dibromo-3-Chloropropane		41	U	6.3	41
1,1,2,2-Tetrachloroethane		41	U	3.5	41
1,1,2-Trichloroethane		41	U	4.0	41

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (3.5-4)**

Lab Sample ID: 460-24277-4 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 3.8 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98627.d
Dilution:	50			Initial Weight/Volume:	6.32 g
Analysis Date:	03/24/2011 1526			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1548				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		41	U	4.1	41
1,2-Dibromoethane		41	U	3.8	41
Dichlorodifluoromethane		41	U	12	41
Bromochloromethane		41	U	7.1	41
Bromodichloromethane		41	U	3.7	41

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		57 - 135
Toluene-d8 (Surr)	91		46 - 130
Bromofluorobenzene	111		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (3.5-4)**

Lab Sample ID: 460-24277-4 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 3.8 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98627.d
Dilution:	50			Initial Weight/Volume:	6.32 g
Analysis Date:	03/24/2011 1526			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1548				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	12.19	740	J
	Decahydronaphthalene isomer	14.21	1300	J
	Unknown Cycloalkane-2	14.40	540	J
	Unknown-1	14.79	1300	J
	Decahydromethylnaphthalene isomer	14.98	1100	J
	Decahydromethylnaphthalene isomer-1	15.26	1700	J
	Unknown Aromatic-1	15.74	1200	J
700-56-1	2-Methyladamantane	16.08	860	J N
24145-88-8	1,4-Dimethyladamantane, [1.alpha., 3.bet	16.86	890	J N
29788-41-8	Naphthalene, decahydro-1,6-dimethyl-4-(1	17.54	660	J N

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (8-8.5)**

Lab Sample ID: 460-24277-5 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98629.d
Dilution:	50			Initial Weight/Volume:	5.87 g
Analysis Date:	03/24/2011 1631			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1548				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		45	U	9.5	45
Bromomethane		45	U	14	45
Vinyl chloride		45	U	5.4	45
Chloroethane		45	U	20	45
Methylene Chloride		45	U	8.7	45
Acetone		450	U	110	450
Carbon disulfide		45	U	6.6	45
Trichlorofluoromethane		45	U	7.1	45
1,1-Dichloroethene		45	U	6.4	45
1,1-Dichloroethane		45	U	4.5	45
trans-1,2-Dichloroethene		45	U	6.2	45
cis-1,2-Dichloroethene		29	J	8.7	45
Chloroform		45	U	7.0	45
2-Butanone		450	U	37	450
1,2-Dichloroethane		45	U	11	45
1,1,1-Trichloroethane		45	U	11	45
Carbon tetrachloride		45	U	8.1	45
Benzene		45	U	5.4	45
Bromoform		45	U	4.5	45
Styrene		45	U	6.3	45
Ethylbenzene		170		11	45
Chlorobenzene		120		7.5	45
Cyclohexane		45	U	5.6	45
Isopropylbenzene		45	U	9.6	45
2-Hexanone		450	U	25	450
MTBE		45	U	8.4	45
Freon TF		45	U	13	45
Methyl acetate		90	U	15	90
1,4-Dioxane		2300	U	380	2300
Trichloroethene		10	J	8.0	45
Toluene		67		4.3	45
trans-1,3-Dichloropropene		45	U	5.5	45
4-Methyl-2-pentanone		450	U	31	450
cis-1,3-Dichloropropene		45	U	4.6	45
1,2-Dichlorobenzene		4700		7.4	45
1,3-Dichlorobenzene		2400		10	45
1,4-Dichlorobenzene		7800		6.8	45
1,2,4-Trichlorobenzene		910		20	45
1,2,3-Trichlorobenzene		980		38	45
1,2-Dichloropropane		45	U	3.9	45
Methylcyclohexane		160		3.6	45
Tetrachloroethene		45	U	8.9	45
Xylenes, Total		1800		20	140
1,2-Dibromo-3-Chloropropane		45	U	6.9	45
1,1,2,2-Tetrachloroethane		45	U	3.9	45
1,1,2-Trichloroethane		45	U	4.4	45

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (8-8.5)**

Lab Sample ID: 460-24277-5 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98629.d
Dilution:	50			Initial Weight/Volume:	5.87 g
Analysis Date:	03/24/2011 1631			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1548				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		45	U	4.5	45
1,2-Dibromoethane		45	U	4.1	45
Dichlorodifluoromethane		45	U	13	45
Bromochloromethane		45	U	7.8	45
Bromodichloromethane		45	U	4.0	45

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		57 - 135
Toluene-d8 (Surr)	81		46 - 130
Bromofluorobenzene	101		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (8-8.5)**

Lab Sample ID: 460-24277-5 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98629.d
Dilution:	50			Initial Weight/Volume:	5.87 g
Analysis Date:	03/24/2011 1631			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1548				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Ethylmethylbenzene isomer	12.89	10000	J
95-63-6	1,2,4-Trimethylbenzene	13.36	5800	
	Unknown Cycloalkane-1	13.61	5100	J
	Diethylbenzene isomer	14.11	9900	J
	Ethyldimethylbenzene isomer-1	14.56	5000	J
	Unknown Aromatic	14.75	12000	J
	Decahydromethylnaphthalene isomer	14.98	5000	J
	Decahydromethylnaphthalene isomer-1	15.26	9800	J
	Unknown Aromatic-2	15.78	18000	J
	C11H14 Aromatic	16.24	4200	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (10.5-11)**

Lab Sample ID: 460-24277-6 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 13.3 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98630.d
Dilution:	50			Initial Weight/Volume:	11.15 g
Analysis Date:	03/24/2011 1703			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1549				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		26	U	5.4	26
Bromomethane		26	U	8.1	26
Vinyl chloride		26	U	3.1	26
Chloroethane		26	U	12	26
Methylene Chloride		26	U	5.0	26
Acetone		260	U	64	260
Carbon disulfide		26	U	3.8	26
Trichlorofluoromethane		26	U	4.1	26
1,1-Dichloroethene		26	U	3.6	26
1,1-Dichloroethane		26	U	2.6	26
trans-1,2-Dichloroethene		26	U	3.6	26
cis-1,2-Dichloroethene		23	J	5.0	26
Chloroform		26	U	4.0	26
2-Butanone		260	U	21	260
1,2-Dichloroethane		26	U	6.4	26
1,1,1-Trichloroethane		26	U	6.4	26
Carbon tetrachloride		26	U	4.7	26
Benzene		26	U	3.1	26
Bromoform		26	U	2.6	26
Styrene		26	U	3.6	26
Ethylbenzene		680		6.4	26
Chlorobenzene		68		4.3	26
Cyclohexane		18	J	3.2	26
Isopropylbenzene		280		5.5	26
2-Hexanone		260	U	14	260
MTBE		26	U	4.8	26
Freon TF		26	U	7.4	26
Methyl acetate		52	U	8.5	52
1,4-Dioxane		1300	U	220	1300
Trichloroethene		26	U	4.6	26
Toluene		460		2.4	26
trans-1,3-Dichloropropene		26	U	3.2	26
4-Methyl-2-pentanone		260	U	18	260
cis-1,3-Dichloropropene		26	U	2.6	26
1,2-Dichlorobenzene		650		4.2	26
1,3-Dichlorobenzene		410		5.8	26
1,4-Dichlorobenzene		1300		3.9	26
1,2,4-Trichlorobenzene		1800		11	26
1,2,3-Trichlorobenzene		1200		22	26
1,2-Dichloropropane		26	U	2.3	26
Methylcyclohexane		120		2.1	26
Tetrachloroethene		26	U	5.1	26
Xylenes, Total		2600		11	78
1,2-Dibromo-3-Chloropropane		26	U	4.0	26
1,1,2,2-Tetrachloroethane		26	U	2.2	26
1,1,2-Trichloroethane		26	U	2.5	26

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (10.5-11)**

Lab Sample ID: 460-24277-6 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 13.3 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98630.d
Dilution:	50			Initial Weight/Volume:	11.15 g
Analysis Date:	03/24/2011 1703			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1549				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		26	U	2.6	26
1,2-Dibromoethane		26	U	2.4	26
Dichlorodifluoromethane		26	U	7.3	26
Bromochloromethane		26	U	4.5	26
Bromodichloromethane		26	U	2.3	26

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		57 - 135
Toluene-d8 (Surr)	69		46 - 130
Bromofluorobenzene	87		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (10.5-11)**

Lab Sample ID: 460-24277-6 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 13.3 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98630.d
Dilution:	50			Initial Weight/Volume:	11.15 g
Analysis Date:	03/24/2011 1703			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1549				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C10H22 Alkane/C9H12 Aromatic	12.89	7400	J
95-63-6	1,2,4-Trimethylbenzene	13.36	3800	
	Diethylbenzene isomer	14.11	12000	J
	Unknown Hydrocarbon	14.36	4600	J
	Ethyldimethylbenzene isomer	14.47	3300	J
	Diethylmethylbenzene isomer	14.74	5800	J
	Decahydromethylnaphthalene isomer	15.26	4000	J
	Coeluting Aromatics	15.77	10000	J
	2,3-dihydro-dimethyl-1H-Indene isomer	16.25	3600	J
91-20-3	Naphthalene	16.86	5700	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-7 Date Sampled: 03/17/2011 1430
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46728.d
Dilution:	1.0			Initial Weight/Volume:	4.3 g
Analysis Date:	03/29/2011 0812			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1659				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.2	U H	0.77	1.2
Bromomethane		1.2	U H	0.50	1.2
Vinyl chloride		1.2	U H	0.28	1.2
Chloroethane		1.2	U H	0.48	1.2
Methylene Chloride		1.2	U H	0.57	1.2
Acetone		21	H	4.5	12
Carbon disulfide		1.2	U H	0.56	1.2
Trichlorofluoromethane		1.2	U H	0.31	1.2
1,1-Dichloroethene		1.2	U H	0.45	1.2
1,1-Dichloroethane		1.2	U H	0.31	1.2
trans-1,2-Dichloroethene		1.2	U H	0.34	1.2
cis-1,2-Dichloroethene		1.2	U H	0.29	1.2
Chloroform		1.2	U H	0.29	1.2
2-Butanone		12	U H	0.69	12
1,2-Dichloroethane		1.2	U H	0.47	1.2
1,1,1-Trichloroethane		1.2	U H	0.23	1.2
Carbon tetrachloride		1.2	U H	0.12	1.2
Benzene		1.2	U H	0.90	1.2
Bromoform		1.2	U H	0.85	1.2
Styrene		1.2	U H	0.42	1.2
Ethylbenzene		1.2	U H	0.23	1.2
Chlorobenzene		1.2	U H	0.58	1.2
Cyclohexane		1.2	U H	0.27	1.2
Isopropylbenzene		1.2	U H	0.31	1.2
2-Hexanone		12	U H	2.0	12
MTBE		1.2	U H	0.42	1.2
Freon TF		1.2	U H	0.58	1.2
Methyl acetate		1.2	U H	1.1	1.2
1,4-Dioxane		61	U H	5.0	61
Trichloroethene		1.2	U H	0.44	1.2
Toluene		1.2	U H	0.36	1.2
trans-1,3-Dichloropropene		1.2	U H	0.27	1.2
4-Methyl-2-pentanone		12	U H	0.87	12
cis-1,3-Dichloropropene		1.2	U H	0.24	1.2
1,2-Dichlorobenzene		1.2	U H	0.77	1.2
1,3-Dichlorobenzene		1.2	U H	0.59	1.2
1,4-Dichlorobenzene		1.2	U H	0.86	1.2
1,2,4-Trichlorobenzene		1.2	U H	0.65	1.2
1,2,3-Trichlorobenzene		1.2	U H	0.78	1.2
1,2-Dichloropropane		1.2	U H	0.39	1.2
Methylcyclohexane		0.75	J H	0.33	1.2
Tetrachloroethene		0.61	J H	0.40	1.2
Xylenes, Total		3.6	U H	0.95	3.6
1,2-Dibromo-3-Chloropropane		1.2	U H	0.74	1.2
1,1,2,2-Tetrachloroethane		1.2	U H	0.92	1.2
1,1,2-Trichloroethane		1.2	U H	0.72	1.2

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-7 Date Sampled: 03/17/2011 1430
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46728.d
Dilution:	1.0			Initial Weight/Volume:	4.3 g
Analysis Date:	03/29/2011 0812			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1659				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.2	U H	0.68	1.2
1,2-Dibromoethane		1.2	U H	0.63	1.2
Dichlorodifluoromethane		1.2	U H *	0.49	1.2
Bromochloromethane		1.2	U H	0.33	1.2
Bromodichloromethane		1.2	U H	0.37	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 138
Toluene-d8 (Surr)	91		66 - 126
Bromofluorobenzene	95		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-7 Date Sampled: 03/17/2011 1430
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46728.d
Dilution:	1.0			Initial Weight/Volume:	4.3 g
Analysis Date:	03/29/2011 0812			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1659				

Tentatively Identified Compounds **Number TIC's Found:** **5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C7H16 Alkane	3.85	15	H J
	C8H18 Alkane	5.09	27	H J
	C7H14 Cycloalkane	5.22	20	H J
	C9H20 Alkane	5.75	8.3	H J
	C10H22 Alkane	9.74	8.0	H J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-8 Date Sampled: 03/17/2011 1435
Client Matrix: Solid % Moisture: 9.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98628.d
Dilution:	50			Initial Weight/Volume:	6.46 g
Analysis Date:	03/24/2011 1558			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1550				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		43	U	9.0	43
Bromomethane		43	U	13	43
Vinyl chloride		43	U	5.1	43
Chloroethane		43	U	19	43
Methylene Chloride		43	U	8.2	43
Acetone		430	U	110	430
Carbon disulfide		43	U	6.2	43
Trichlorofluoromethane		43	U	6.7	43
1,1-Dichloroethene		43	U	6.0	43
1,1-Dichloroethane		43	U	4.3	43
trans-1,2-Dichloroethene		43	U	5.9	43
cis-1,2-Dichloroethene		43	U	8.3	43
Chloroform		43	U	6.6	43
2-Butanone		430	U	35	430
1,2-Dichloroethane		43	U	11	43
1,1,1-Trichloroethane		43	U	11	43
Carbon tetrachloride		43	U	7.7	43
Benzene		43	U	5.1	43
Bromoform		43	U	4.2	43
Styrene		43	U	5.9	43
Ethylbenzene		43	U	11	43
Chlorobenzene		43	U	7.1	43
Cyclohexane		43	U	5.3	43
Isopropylbenzene		43	U	9.1	43
2-Hexanone		430	U	23	430
MTBE		43	U	7.9	43
Freon TF		43	U	12	43
Methyl acetate		85	U	14	85
1,4-Dioxane		2100	U	360	2100
Trichloroethene		43	U	7.6	43
Toluene		43	U	4.0	43
trans-1,3-Dichloropropene		43	U	5.2	43
4-Methyl-2-pentanone		430	U	29	430
cis-1,3-Dichloropropene		43	U	4.4	43
1,2-Dichlorobenzene		43	U	7.0	43
1,3-Dichlorobenzene		43	U	9.6	43
1,4-Dichlorobenzene		43	U	6.4	43
1,2,4-Trichlorobenzene		43	U	19	43
1,2,3-Trichlorobenzene		43	U	36	43
1,2-Dichloropropane		43	U	3.7	43
Methylcyclohexane		67		3.4	43
Tetrachloroethene		15	J	8.4	43
Xylenes, Total		130	U	19	130
1,2-Dibromo-3-Chloropropane		43	U	6.6	43
1,1,2,2-Tetrachloroethane		43	U	3.7	43
1,1,2-Trichloroethane		43	U	4.2	43

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-8 Date Sampled: 03/17/2011 1435
Client Matrix: Solid % Moisture: 9.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98628.d
Dilution:	50			Initial Weight/Volume:	6.46 g
Analysis Date:	03/24/2011 1558			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1550				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		43	U	4.3	43
1,2-Dibromoethane		43	U	3.9	43
Dichlorodifluoromethane		43	U	12	43
Bromochloromethane		43	U	7.4	43
Bromodichloromethane		43	U	3.8	43

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		57 - 135
Toluene-d8 (Surr)	93		46 - 130
Bromofluorobenzene	114		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-8 Date Sampled: 03/17/2011 1435
Client Matrix: Solid % Moisture: 9.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98628.d
Dilution:	50			Initial Weight/Volume:	6.46 g
Analysis Date:	03/24/2011 1558			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1550				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C7H16 Alkane	7.16	2100	J
	C8H18 Alkane	7.62	10000	J
	C8H18 Alkane-1	9.04	1800	J
	C8H18 Alkane-2	9.19	1800	J
	Unknown Cycloalkane	14.19	1800	J
	C11H16 Aromatic	14.79	1800	J
	Coeluting Alkanes-1	15.05	1400	J
	Decahydromethylnaphthalene isomer	15.27	4100	J
700-56-1	2-Methyladamantane	16.09	2100	J N
	Unknown-2	18.26	1500	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST1-E (15-15.5)**

Lab Sample ID: 460-24277-9 Date Sampled: 03/17/2011 1440
Client Matrix: Solid % Moisture: 15.2 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46730.d
Dilution:	1.0			Initial Weight/Volume:	6.62 g
Analysis Date:	03/29/2011 0902			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1700				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.89	U H	0.56	0.89
Bromomethane		0.89	U H	0.36	0.89
Vinyl chloride		0.89	U H	0.21	0.89
Chloroethane		0.89	U H	0.36	0.89
Methylene Chloride		0.89	U H	0.42	0.89
Acetone		540	H	3.3	8.9
Carbon disulfide		15	H	0.41	0.89
Trichlorofluoromethane		0.89	U H	0.23	0.89
1,1-Dichloroethene		0.89	U H	0.33	0.89
1,1-Dichloroethane		0.89	U H	0.22	0.89
trans-1,2-Dichloroethene		0.89	U H	0.25	0.89
cis-1,2-Dichloroethene		0.89	U H	0.21	0.89
Chloroform		11	H	0.21	0.89
2-Butanone		62	H	0.51	8.9
1,2-Dichloroethane		0.89	U H	0.35	0.89
1,1,1-Trichloroethane		0.89	U H	0.17	0.89
Carbon tetrachloride		0.89	U H	0.090	0.89
Benzene		0.89	U H	0.66	0.89
Bromoform		0.89	U H	0.62	0.89
Styrene		0.89	U H	0.31	0.89
Ethylbenzene		15	H	0.17	0.89
Chlorobenzene		0.89	U H	0.43	0.89
Cyclohexane		0.89	U H	0.20	0.89
Isopropylbenzene		15	H	0.23	0.89
2-Hexanone		8.9	U H	1.5	8.9
MTBE		0.89	U H	0.31	0.89
Freon TF		0.89	U H	0.42	0.89
Methyl acetate		0.89	U H	0.80	0.89
1,4-Dioxane		45	U H	3.7	45
Trichloroethene		0.89	U H	0.32	0.89
Toluene		3.0	H	0.27	0.89
trans-1,3-Dichloropropene		0.89	U H	0.20	0.89
4-Methyl-2-pentanone		8.9	U H	0.64	8.9
cis-1,3-Dichloropropene		0.89	U H	0.18	0.89
1,2-Dichlorobenzene		0.89	U H	0.57	0.89
1,3-Dichlorobenzene		0.89	U H	0.43	0.89
1,4-Dichlorobenzene		0.89	U H	0.63	0.89
1,2,4-Trichlorobenzene		14	H	0.48	0.89
1,2,3-Trichlorobenzene		0.89	U H	0.58	0.89
1,2-Dichloropropane		0.89	U H	0.28	0.89
Methylcyclohexane		31	H	0.24	0.89
Tetrachloroethene		1.1	H	0.29	0.89
Xylenes, Total		57	H	0.70	2.7
1,2-Dibromo-3-Chloropropane		0.89	U H	0.54	0.89
1,1,2,2-Tetrachloroethane		0.89	U H	0.68	0.89
1,1,2-Trichloroethane		0.89	U H	0.53	0.89

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST1-E (15-15.5)**

Lab Sample ID: 460-24277-9 Date Sampled: 03/17/2011 1440
Client Matrix: Solid % Moisture: 15.2 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46730.d
Dilution:	1.0			Initial Weight/Volume:	6.62 g
Analysis Date:	03/29/2011 0902			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1700				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.89	U H	0.50	0.89
1,2-Dibromoethane		0.89	U H	0.46	0.89
Dichlorodifluoromethane		0.89	U H *	0.36	0.89
Bromochloromethane		0.89	U H	0.24	0.89
Bromodichloromethane		0.89	U H	0.27	0.89

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 138
Toluene-d8 (Surr)	92		66 - 126
Bromofluorobenzene	95		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST1-E (15-15.5)**

Lab Sample ID: 460-24277-9 Date Sampled: 03/17/2011 1440
Client Matrix: Solid % Moisture: 15.2 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46730.d
Dilution:	1.0			Initial Weight/Volume:	6.62 g
Analysis Date:	03/29/2011 0902			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1700				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C7H16 Alkane	3.53	340	H J
	C7H16 Alkane-1	3.86	900	H J
	C8H18 Alkane	5.10	360	H J
	C8H18 Alkane-1	5.22	230	H J
95-63-6	1,2,4-Trimethylbenzene	11.00	120	H
	C12H26 Alkane-1	13.38	150	H J
	C13H28 Alkane	13.52	140	H J
91-20-3	Naphthalene	13.84	120	H
	Unknown Cycloalkane	13.86	130	H J
	C14H30 Alkane	14.02	100	H J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST2-E (23.5-24)**

Lab Sample ID: 460-24277-10 Date Sampled: 03/17/2011 1445
Client Matrix: Solid % Moisture: 16.5 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46729.d
Dilution:	1.0			Initial Weight/Volume:	5.75 g
Analysis Date:	03/29/2011 0837			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1702				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.0	U H	0.66	1.0
Bromomethane		1.0	U H	0.43	1.0
Vinyl chloride		1.0	U H	0.24	1.0
Chloroethane		1.0	U H	0.42	1.0
Methylene Chloride		1.0	U H	0.49	1.0
Acetone		17	H	3.8	10
Carbon disulfide		0.83	J H	0.48	1.0
Trichlorofluoromethane		1.0	U H	0.27	1.0
1,1-Dichloroethene		1.0	U H	0.38	1.0
1,1-Dichloroethane		1.0	U H	0.26	1.0
trans-1,2-Dichloroethene		1.0	U H	0.29	1.0
cis-1,2-Dichloroethene		1.0	U H	0.25	1.0
Chloroform		1.0	U H	0.25	1.0
2-Butanone		10	U H	0.59	10
1,2-Dichloroethane		1.0	U H	0.41	1.0
1,1,1-Trichloroethane		1.0	U H	0.19	1.0
Carbon tetrachloride		1.0	U H	0.11	1.0
Benzene		1.0	U H	0.77	1.0
Bromoform		1.0	U H	0.73	1.0
Styrene		1.0	U H	0.36	1.0
Ethylbenzene		0.55	J H	0.20	1.0
Chlorobenzene		1.0	U H	0.50	1.0
Cyclohexane		1.0	U H	0.23	1.0
Isopropylbenzene		0.43	J H	0.27	1.0
2-Hexanone		10	U H	1.7	10
MTBE		1.0	U H	0.36	1.0
Freon TF		1.0	U H	0.50	1.0
Methyl acetate		1.0	U H	0.93	1.0
1,4-Dioxane		52	U H	4.3	52
Trichloroethene		1.0	U H	0.38	1.0
Toluene		1.0	U H	0.31	1.0
trans-1,3-Dichloropropene		1.0	U H	0.23	1.0
4-Methyl-2-pentanone		10	U H	0.74	10
cis-1,3-Dichloropropene		1.0	U H	0.21	1.0
1,2-Dichlorobenzene		1.0	U H	0.66	1.0
1,3-Dichlorobenzene		1.0	U H	0.50	1.0
1,4-Dichlorobenzene		1.0	U H	0.74	1.0
1,2,4-Trichlorobenzene		0.64	J H	0.56	1.0
1,2,3-Trichlorobenzene		1.0	U H	0.67	1.0
1,2-Dichloropropane		1.0	U H	0.33	1.0
Methylcyclohexane		0.60	J H	0.28	1.0
Tetrachloroethene		1.0	U H	0.34	1.0
Xylenes, Total		2.1	J H	0.82	3.1
1,2-Dibromo-3-Chloropropane		1.0	U H	0.64	1.0
1,1,2,2-Tetrachloroethane		1.0	U H	0.79	1.0
1,1,2-Trichloroethane		1.0	U H	0.62	1.0

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST2-E (23.5-24)**

Lab Sample ID: 460-24277-10 Date Sampled: 03/17/2011 1445
Client Matrix: Solid % Moisture: 16.5 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46729.d
Dilution:	1.0			Initial Weight/Volume:	5.75 g
Analysis Date:	03/29/2011 0837			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1702				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.0	U H	0.58	1.0
1,2-Dibromoethane		1.0	U H	0.54	1.0
Dichlorodifluoromethane		1.0	U H *	0.42	1.0
Bromochloromethane		1.0	U H	0.28	1.0
Bromodichloromethane		1.0	U H	0.32	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 138
Toluene-d8 (Surr)	90		66 - 126
Bromofluorobenzene	94		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST2-E (23.5-24)**

Lab Sample ID: 460-24277-10 Date Sampled: 03/17/2011 1445
Client Matrix: Solid % Moisture: 16.5 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46729.d
Dilution:	1.0			Initial Weight/Volume:	5.75 g
Analysis Date:	03/29/2011 0837			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1702				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C7H16 Alkane	3.52	7.7	H J
	C7H16 Alkane-1	3.85	23	H J
	C8H18 Alkane	5.09	10	H J
	Ethyldimethylbenzene isomer-1	13.30	10	H J
	C12H26 Alkane	13.37	14	H J
	Tetrahydromethylnaphthalene isomer	14.34	14	H J
	2,3-dihydro-dimethyl-1H-Indene isomer	14.60	8.3	H J
	Methylnaphthalene isomer	14.74	12	H J
	Tetrahydrodimethylnaphthalene isomer	14.79	11	H J
	Dimethylnaphthalene isomer	15.51	8.8	H J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-VD-E (3.5-4)**

Lab Sample ID: 460-24277-11 Date Sampled: 03/17/2011 1600
Client Matrix: Solid % Moisture: 3.9 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46664.d
Dilution:	1.0			Initial Weight/Volume:	5.83 g
Analysis Date:	03/26/2011 0518			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1702				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.89	U H	0.57	0.89
Bromomethane		0.89	U H	0.37	0.89
Vinyl chloride		0.89	U H	0.21	0.89
Chloroethane		0.89	U H	0.36	0.89
Methylene Chloride		0.89	U H	0.42	0.89
Acetone		9.7	H B	3.3	8.9
Carbon disulfide		0.89	U H	0.42	0.89
Trichlorofluoromethane		0.89	U H	0.23	0.89
1,1-Dichloroethene		0.89	U H	0.33	0.89
1,1-Dichloroethane		0.89	U H	0.22	0.89
trans-1,2-Dichloroethene		0.89	U H	0.25	0.89
cis-1,2-Dichloroethene		0.89	U H	0.21	0.89
Chloroform		0.89	U H	0.21	0.89
2-Butanone		8.9	U H	0.51	8.9
1,2-Dichloroethane		0.89	U H	0.35	0.89
1,1,1-Trichloroethane		0.89	U H	0.17	0.89
Carbon tetrachloride		0.89	U H	0.090	0.89
Benzene		0.89	U H	0.66	0.89
Bromoform		0.89	U H	0.63	0.89
Styrene		0.89	U H	0.31	0.89
Ethylbenzene		0.89	U H	0.17	0.89
Chlorobenzene		0.89	U H	0.43	0.89
Cyclohexane		0.89	U H	0.20	0.89
Isopropylbenzene		0.89	U H	0.23	0.89
2-Hexanone		8.9	U H	1.5	8.9
MTBE		0.89	U H	0.31	0.89
Freon TF		0.89	U H	0.42	0.89
Methyl acetate		0.89	U H	0.80	0.89
1,4-Dioxane		45	U H	3.7	45
Trichloroethene		0.89	U H	0.32	0.89
Toluene		0.89	U H	0.27	0.89
trans-1,3-Dichloropropene		0.89	U H	0.20	0.89
4-Methyl-2-pentanone		8.9	U H	0.64	8.9
cis-1,3-Dichloropropene		0.89	U H	0.18	0.89
1,2-Dichlorobenzene		0.89	U H	0.57	0.89
1,3-Dichlorobenzene		0.89	U H	0.43	0.89
1,4-Dichlorobenzene		0.89	U H	0.63	0.89
1,2,4-Trichlorobenzene		0.89	U H	0.48	0.89
1,2,3-Trichlorobenzene		0.89	U H	0.58	0.89
1,2-Dichloropropane		0.89	U H	0.28	0.89
Methylcyclohexane		0.89	U H	0.24	0.89
Tetrachloroethene		0.89	U H	0.29	0.89
Xylenes, Total		2.7	U H	0.70	2.7
1,2-Dibromo-3-Chloropropane		0.89	U H	0.55	0.89
1,1,2,2-Tetrachloroethane		0.89	U H	0.68	0.89
1,1,2-Trichloroethane		0.89	U H	0.53	0.89

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-VD-E (3.5-4)**

Lab Sample ID: 460-24277-11 Date Sampled: 03/17/2011 1600
Client Matrix: Solid % Moisture: 3.9 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46664.d
Dilution:	1.0			Initial Weight/Volume:	5.83 g
Analysis Date:	03/26/2011 0518			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1702				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.89	U H	0.50	0.89
1,2-Dibromoethane		0.89	U H	0.46	0.89
Dichlorodifluoromethane		0.89	U H	0.36	0.89
Bromochloromethane		0.89	U H	0.24	0.89
Bromodichloromethane		0.89	U H	0.27	0.89

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 138
Toluene-d8 (Surr)	91		66 - 126
Bromofluorobenzene	94		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-VD-E (3.5-4)**

Lab Sample ID: 460-24277-11 Date Sampled: 03/17/2011 1600
Client Matrix: Solid % Moisture: 3.9 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46664.d
Dilution:	1.0			Initial Weight/Volume:	5.83 g
Analysis Date:	03/26/2011 0518			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1702				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	H

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-12 Date Sampled: 03/17/2011 1605
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98632.d
Dilution:	50			Initial Weight/Volume:	6.03 g
Analysis Date:	03/24/2011 1808			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1553				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		46	U	9.6	46
Bromomethane		46	U	14	46
Vinyl chloride		46	U	5.5	46
Chloroethane		46	U	20	46
Methylene Chloride		46	U	8.8	46
Acetone		460	U	110	460
Carbon disulfide		46	U	6.7	46
Trichlorofluoromethane		46	U	7.2	46
1,1-Dichloroethene		46	U	6.4	46
1,1-Dichloroethane		46	U	4.6	46
trans-1,2-Dichloroethene		46	U	6.3	46
cis-1,2-Dichloroethene		46	U	8.9	46
Chloroform		46	U	7.1	46
2-Butanone		460	U	38	460
1,2-Dichloroethane		46	U	11	46
1,1,1-Trichloroethane		46	U	11	46
Carbon tetrachloride		46	U	8.2	46
Benzene		46	U	5.4	46
Bromoform		46	U	4.5	46
Styrene		46	U	6.4	46
Ethylbenzene		46	U	11	46
Chlorobenzene		46	U	7.6	46
Cyclohexane		920		5.7	46
Isopropylbenzene		46	U	9.7	46
2-Hexanone		460	U	25	460
MTBE		46	U	8.5	46
Freon TF		46	U	13	46
Methyl acetate		92	U	15	92
1,4-Dioxane		2300	U	390	2300
Trichloroethene		46	U	8.1	46
Toluene		46	U	4.3	46
trans-1,3-Dichloropropene		46	U	5.6	46
4-Methyl-2-pentanone		460	U	31	460
cis-1,3-Dichloropropene		46	U	4.7	46
1,2-Dichlorobenzene		46	U	7.5	46
1,3-Dichlorobenzene		46	U	10	46
1,4-Dichlorobenzene		18	J	6.9	46
1,2,4-Trichlorobenzene		1000		20	46
1,2,3-Trichlorobenzene		46	U	38	46
1,2-Dichloropropane		46	U	4.0	46
Methylcyclohexane		380		3.7	46
Tetrachloroethene		24	J	9.0	46
Xylenes, Total		190		20	140
1,2-Dibromo-3-Chloropropane		46	U	7.0	46
1,1,2,2-Tetrachloroethane		46	U	3.9	46
1,1,2-Trichloroethane		46	U	4.5	46

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-12 Date Sampled: 03/17/2011 1605
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98632.d
Dilution:	50			Initial Weight/Volume:	6.03 g
Analysis Date:	03/24/2011 1808			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1553				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		46	U	4.6	46
1,2-Dibromoethane		46	U	4.2	46
Dichlorodifluoromethane		46	U	13	46
Bromochloromethane		46	U	7.9	46
Bromodichloromethane		46	U	4.1	46

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		57 - 135
Toluene-d8 (Surr)	77		46 - 130
Bromofluorobenzene	95		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-12 Date Sampled: 03/17/2011 1605
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98632.d
Dilution:	50			Initial Weight/Volume:	6.03 g
Analysis Date:	03/24/2011 1808			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1553				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C8H18 Alkane	7.61	2700	J
	Unknown	12.20	2500	J
	C10H20 Cycloalkane	12.72	2300	J
	Unknown-1	12.93	3700	J
	Unknown-2	13.58	2600	J
	Decahydronaphthalene isomer	14.21	5500	J
	C11H16 Aromatic	14.80	5800	J
	Decahydromethylnaphthalene isomer	14.98	5700	J
	Decahydromethylnaphthalene isomer-1	15.26	9100	J
	Unknown Aromatic	15.73	3000	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SI-E (15.5-16)**

Lab Sample ID: 460-24277-13 Date Sampled: 03/17/2011 1610
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46665.d
Dilution:	1.0			Initial Weight/Volume:	7.21 g
Analysis Date:	03/26/2011 0543			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1703				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.78	U H	0.49	0.78
Bromomethane		0.78	U H	0.32	0.78
Vinyl chloride		0.78	U H	0.18	0.78
Chloroethane		0.78	U H	0.31	0.78
Methylene Chloride		0.78	U H	0.37	0.78
Acetone		16	H B	2.9	7.8
Carbon disulfide		0.78	U H	0.36	0.78
Trichlorofluoromethane		0.78	U H	0.20	0.78
1,1-Dichloroethene		0.78	U H	0.29	0.78
1,1-Dichloroethane		0.78	U H	0.20	0.78
trans-1,2-Dichloroethene		0.78	U H	0.22	0.78
cis-1,2-Dichloroethene		0.87	H	0.18	0.78
Chloroform		0.78	U H	0.18	0.78
2-Butanone		7.8	U H	0.44	7.8
1,2-Dichloroethane		0.78	U H	0.30	0.78
1,1,1-Trichloroethane		0.78	U H	0.15	0.78
Carbon tetrachloride		0.78	U H	0.078	0.78
Benzene		0.78	U H	0.57	0.78
Bromoform		0.78	U H	0.54	0.78
Styrene		0.78	U H	0.27	0.78
Ethylbenzene		0.78	U H	0.15	0.78
Chlorobenzene		0.78	U H	0.37	0.78
Cyclohexane		0.78	U H	0.17	0.78
Isopropylbenzene		0.78	U H	0.20	0.78
2-Hexanone		7.8	U H	1.3	7.8
MTBE		0.78	U H	0.27	0.78
Freon TF		0.78	U H	0.37	0.78
Methyl acetate		0.78	U H	0.69	0.78
1,4-Dioxane		39	U H	3.2	39
Trichloroethene		1.5	H	0.28	0.78
Toluene		0.78	U H	0.23	0.78
trans-1,3-Dichloropropene		0.78	U H	0.17	0.78
4-Methyl-2-pentanone		7.8	U H	0.55	7.8
cis-1,3-Dichloropropene		0.78	U H	0.16	0.78
1,2-Dichlorobenzene		0.78	U H	0.49	0.78
1,3-Dichlorobenzene		0.78	U H	0.38	0.78
1,4-Dichlorobenzene		0.78	U H	0.55	0.78
1,2,4-Trichlorobenzene		1.3	H	0.41	0.78
1,2,3-Trichlorobenzene		0.78	U H	0.50	0.78
1,2-Dichloropropane		0.78	U H	0.25	0.78
Methylcyclohexane		0.78	U H	0.21	0.78
Tetrachloroethene		0.78	U H	0.26	0.78
Xylenes, Total		2.3	U H	0.61	2.3
1,2-Dibromo-3-Chloropropane		0.78	U H	0.47	0.78
1,1,2,2-Tetrachloroethane		0.78	U H	0.59	0.78
1,1,2-Trichloroethane		0.78	U H	0.46	0.78

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SI-E (15.5-16)**

Lab Sample ID: 460-24277-13 Date Sampled: 03/17/2011 1610
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46665.d
Dilution:	1.0			Initial Weight/Volume:	7.21 g
Analysis Date:	03/26/2011 0543			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1703				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.78	U H	0.43	0.78
1,2-Dibromoethane		0.78	U H	0.40	0.78
Dichlorodifluoromethane		0.78	U H	0.32	0.78
Bromochloromethane		0.78	U H	0.21	0.78
Bromodichloromethane		0.78	U H	0.24	0.78

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 138
Toluene-d8 (Surr)	91		66 - 126
Bromofluorobenzene	94		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SI-E (15.5-16)**

Lab Sample ID: 460-24277-13 Date Sampled: 03/17/2011 1610
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46665.d
Dilution:	1.0			Initial Weight/Volume:	7.21 g
Analysis Date:	03/26/2011 0543			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1703				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	H

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SD-E (23.5-24)**

Lab Sample ID: 460-24277-14 Date Sampled: 03/17/2011 1615
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	p45580.d
Dilution:	50			Initial Weight/Volume:	10.48 g
Analysis Date:	03/30/2011 1300			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1554				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		28	U	5.9	28
Bromomethane		28	U	8.8	28
Vinyl chloride		28	U	3.4	28
Chloroethane		28	U	13	28
Methylene Chloride		28	U	5.4	28
Acetone		280	U	70	280
Carbon disulfide		28	U	4.1	28
Trichlorofluoromethane		28	U	4.4	28
1,1-Dichloroethene		28	U	4.0	28
1,1-Dichloroethane		28	U	2.8	28
trans-1,2-Dichloroethene		18	J	3.9	28
cis-1,2-Dichloroethene		19	J	5.5	28
Chloroform		28	U	4.4	28
2-Butanone		280	U	23	280
1,2-Dichloroethane		28	U	6.9	28
1,1,1-Trichloroethane		28	U	7.0	28
Carbon tetrachloride		28	U	5.1	28
Benzene		28	U	3.3	28
Bromoform		28	U	2.8	28
Styrene		28	U	3.9	28
Ethylbenzene		28	U	7.0	28
Chlorobenzene		5.1	J	4.7	28
Cyclohexane		28	U	3.5	28
Isopropylbenzene		28	U	6.0	28
2-Hexanone		280	U	15	280
MTBE		28	U	5.2	28
Freon TF		28	U	8.1	28
Methyl acetate		56	U	9.3	56
1,4-Dioxane		1400	U	240	1400
Trichloroethene		390		5.0	28
Toluene		28	U	2.7	28
trans-1,3-Dichloropropene		28	U	3.4	28
4-Methyl-2-pentanone		280	U	19	280
cis-1,3-Dichloropropene		28	U	2.9	28
1,2-Dichlorobenzene		6.5	J	4.6	28
1,3-Dichlorobenzene		28	U	6.4	28
1,4-Dichlorobenzene		28	U	4.2	28
1,2,4-Trichlorobenzene		26	J	12	28
1,2,3-Trichlorobenzene		28	U	23	28
1,2-Dichloropropane		28	U	2.5	28
Methylcyclohexane		28	U	2.3	28
Tetrachloroethene		28	U	5.5	28
Xylenes, Total		85	U	12	85
1,2-Dibromo-3-Chloropropane		28	U	4.3	28
1,1,2,2-Tetrachloroethane		28	U	2.4	28
1,1,2-Trichloroethane		28	U	2.7	28

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SD-E (23.5-24)**

Lab Sample ID: 460-24277-14 Date Sampled: 03/17/2011 1615
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	p45580.d
Dilution:	50			Initial Weight/Volume:	10.48 g
Analysis Date:	03/30/2011 1300			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1554				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		28	U	2.8	28
1,2-Dibromoethane		28	U	2.6	28
Dichlorodifluoromethane		28	U	8.0	28
Bromochloromethane		28	U	4.9	28
Bromodichloromethane		28	U	2.5	28

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	72		57 - 135
Toluene-d8 (Surr)	81		46 - 130
Bromofluorobenzene	107		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SD-E (23.5-24)**

Lab Sample ID: 460-24277-14 Date Sampled: 03/17/2011 1615
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	p45580.d
Dilution:	50			Initial Weight/Volume:	10.48 g
Analysis Date:	03/30/2011 1300			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1554				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-15 Date Sampled: 03/18/2011 0920
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46703.d
Dilution:	1.0			Initial Weight/Volume:	8.88 g
Analysis Date:	03/28/2011 2044			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1705				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.60	U	0.38	0.60
Bromomethane		0.60	U	0.25	0.60
Vinyl chloride		0.60	U	0.14	0.60
Chloroethane		0.60	U	0.24	0.60
Methylene Chloride		0.60	U	0.28	0.60
Acetone		8.2	B	2.2	6.0
Carbon disulfide		0.60	U	0.28	0.60
Trichlorofluoromethane		0.60	U	0.16	0.60
1,1-Dichloroethene		0.60	U	0.22	0.60
1,1-Dichloroethane		0.60	U	0.15	0.60
trans-1,2-Dichloroethene		0.60	U	0.17	0.60
cis-1,2-Dichloroethene		0.60	U	0.14	0.60
Chloroform		0.60	U	0.14	0.60
2-Butanone		6.0	U	0.34	6.0
1,2-Dichloroethane		0.60	U	0.24	0.60
1,1,1-Trichloroethane		0.60	U	0.11	0.60
Carbon tetrachloride		0.60	U	0.061	0.60
Benzene		0.60	U	0.45	0.60
Bromoform		0.60	U	0.42	0.60
Styrene		0.60	U	0.21	0.60
Ethylbenzene		3.1		0.12	0.60
Chlorobenzene		0.60	U	0.29	0.60
Cyclohexane		0.60	U	0.13	0.60
Isopropylbenzene		1.2		0.16	0.60
2-Hexanone		6.0	U	1.0	6.0
MTBE		0.60	U	0.21	0.60
Freon TF		0.60	U	0.29	0.60
Methyl acetate		0.60	U	0.54	0.60
1,4-Dioxane		30	U	2.5	30
Trichloroethene		0.60	U	0.22	0.60
Toluene		0.60	U	0.18	0.60
trans-1,3-Dichloropropene		0.60	U	0.13	0.60
4-Methyl-2-pentanone		6.0	U	0.43	6.0
cis-1,3-Dichloropropene		0.60	U	0.12	0.60
1,2-Dichlorobenzene		0.71		0.39	0.60
1,3-Dichlorobenzene		0.51	J	0.29	0.60
1,4-Dichlorobenzene		4.7		0.43	0.60
1,2,4-Trichlorobenzene		0.34	J	0.32	0.60
1,2,3-Trichlorobenzene		0.60	U	0.39	0.60
1,2-Dichloropropane		0.60	U	0.19	0.60
Methylcyclohexane		3.9		0.17	0.60
Tetrachloroethene		0.60	U	0.20	0.60
Xylenes, Total		13		0.48	1.8
1,2-Dibromo-3-Chloropropane		0.60	U	0.37	0.60
1,1,2,2-Tetrachloroethane		0.60	U	0.46	0.60
1,1,2-Trichloroethane		0.60	U	0.36	0.60

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-15 Date Sampled: 03/18/2011 0920
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46703.d
Dilution:	1.0			Initial Weight/Volume:	8.88 g
Analysis Date:	03/28/2011 2044			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1705				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.60	U	0.34	0.60
1,2-Dibromoethane		0.60	U	0.31	0.60
Dichlorodifluoromethane		0.60	U	0.25	0.60
Bromochloromethane		0.60	U	0.16	0.60
Bromodichloromethane		0.60	U	0.18	0.60

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 138
Toluene-d8 (Surr)	90		66 - 126
Bromofluorobenzene	98		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-15 Date Sampled: 03/18/2011 0920
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46703.d
Dilution:	1.0			Initial Weight/Volume:	8.88 g
Analysis Date:	03/28/2011 2044			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1705				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C7H16 Alkane	3.86	16	J
	C8H18 Alkane	5.10	13	J
	C8H18 Alkane-1	5.22	12	J
	C9H18 Cycloalkane	8.67	8.0	J
108-67-8	1,3,5-Trimethylbenzene	10.39	22	
95-63-6	1,2,4-Trimethylbenzene	11.00	20	
	Trimethylbenzene isomer	11.62	25	J
	Ethyldimethylbenzene isomer	12.77	8.0	J
	Decahydromethylnaphthalene isomer	12.88	9.9	J
	Coeluting Aromatics	13.31	14	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-WT-E (8.0-8.5)**

Lab Sample ID: 460-24277-16 Date Sampled: 03/18/2011 0925
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98633.d
Dilution:	50			Initial Weight/Volume:	6.02 g
Analysis Date:	03/24/2011 1840			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1556				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		47	U	9.9	47
Bromomethane		47	U	15	47
Vinyl chloride		47	U	5.6	47
Chloroethane		47	U	21	47
Methylene Chloride		47	U	9.1	47
Acetone		470	U	120	470
Carbon disulfide		47	U	6.9	47
Trichlorofluoromethane		47	U	7.4	47
1,1-Dichloroethene		47	U	6.6	47
1,1-Dichloroethane		47	U	4.7	47
trans-1,2-Dichloroethene		47	U	6.5	47
cis-1,2-Dichloroethene		47	U	9.1	47
Chloroform		47	U	7.3	47
2-Butanone		470	U	39	470
1,2-Dichloroethane		47	U	12	47
1,1,1-Trichloroethane		47	U	12	47
Carbon tetrachloride		47	U	8.5	47
Benzene		37	J	5.6	47
Bromoform		47	U	4.7	47
Styrene		47	U	6.5	47
Ethylbenzene		3500		12	47
Chlorobenzene		47	U	7.8	47
Cyclohexane		2600		5.8	47
Isopropylbenzene		900		10	47
2-Hexanone		470	U	26	470
MTBE		47	U	8.7	47
Freon TF		47	U	14	47
Methyl acetate		94	U	15	94
1,4-Dioxane		2300	U	400	2300
Trichloroethene		47	U	8.3	47
Toluene		47	U	4.4	47
trans-1,3-Dichloropropene		47	U	5.7	47
4-Methyl-2-pentanone		470	U	32	470
cis-1,3-Dichloropropene		47	U	4.8	47
1,2-Dichlorobenzene		85		7.6	47
1,3-Dichlorobenzene		46	J	11	47
1,4-Dichlorobenzene		320		7.1	47
1,2,4-Trichlorobenzene		450		20	47
1,2,3-Trichlorobenzene		170		39	47
1,2-Dichloropropane		47	U	4.1	47
Methylcyclohexane		1900		3.8	47
Tetrachloroethene		47	U	9.2	47
Xylenes, Total		11000		20	140
1,2-Dibromo-3-Chloropropane		47	U	7.2	47
1,1,2,2-Tetrachloroethane		47	U	4.1	47
1,1,2-Trichloroethane		47	U	4.6	47

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-WT-E (8.0-8.5)**

Lab Sample ID: 460-24277-16 Date Sampled: 03/18/2011 0925
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98633.d
Dilution:	50			Initial Weight/Volume:	6.02 g
Analysis Date:	03/24/2011 1840			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1556				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		47	U	4.7	47
1,2-Dibromoethane		47	U	4.3	47
Dichlorodifluoromethane		47	U	13	47
Bromochloromethane		47	U	8.1	47
Bromodichloromethane		47	U	4.2	47

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		57 - 135
Toluene-d8 (Surr)	74		46 - 130
Bromofluorobenzene	89		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-WT-E (8.0-8.5)**

Lab Sample ID: 460-24277-16 Date Sampled: 03/18/2011 0925
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98633.d
Dilution:	50			Initial Weight/Volume:	6.02 g
Analysis Date:	03/24/2011 1840			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1556				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Ethylmethylbenzene isomer	12.88	22000	J
108-67-8	1,3,5-Trimethylbenzene	12.94	6900	
95-63-6	1,2,4-Trimethylbenzene	13.36	15000	
	Unknown Cycloalkane-1	13.62	8700	J
	Trimethylbenzene isomer	13.84	5800	J
	C10H14 Aromatic	14.10	13000	J
	C10H14 Aromatic-1	14.46	7200	J
	C10H14 Aromatic-2	14.56	6200	J
	Diethylmethylbenzene isomer	14.74	13000	J
	Unknown Aromatic	15.78	8000	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-17 Date Sampled: 03/18/2011 0930
Client Matrix: Solid % Moisture: 14.9 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98634.d
Dilution:	50			Initial Weight/Volume:	11.01 g
Analysis Date:	03/24/2011 1913			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1556				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		27	U	5.6	27
Bromomethane		27	U	8.4	27
Vinyl chloride		27	U	3.2	27
Chloroethane		27	U	12	27
Methylene Chloride		27	U	5.1	27
Acetone		270	U	66	270
Carbon disulfide		27	U	3.9	27
Trichlorofluoromethane		27	U	4.2	27
1,1-Dichloroethene		27	U	3.8	27
1,1-Dichloroethane		27	U	2.7	27
trans-1,2-Dichloroethene		27	U	3.7	27
cis-1,2-Dichloroethene		27	U	5.2	27
Chloroform		27	U	4.1	27
2-Butanone		270	U	22	270
1,2-Dichloroethane		27	U	6.6	27
1,1,1-Trichloroethane		27	U	6.6	27
Carbon tetrachloride		27	U	4.8	27
Benzene		27	U	3.2	27
Bromoform		27	U	2.6	27
Styrene		27	U	3.7	27
Ethylbenzene		3800		6.6	27
Chlorobenzene		27	U	4.4	27
Cyclohexane		2000		3.3	27
Isopropylbenzene		900		5.7	27
2-Hexanone		270	U	15	270
MTBE		27	U	4.9	27
Freon TF		27	U	7.7	27
Methyl acetate		53	U	8.8	53
1,4-Dioxane		1300	U	230	1300
Trichloroethene		27	U	4.7	27
Toluene		27	U	2.5	27
trans-1,3-Dichloropropene		27	U	3.3	27
4-Methyl-2-pentanone		270	U	18	270
cis-1,3-Dichloropropene		27	U	2.7	27
1,2-Dichlorobenzene		97		4.3	27
1,3-Dichlorobenzene		31		6.0	27
1,4-Dichlorobenzene		330		4.0	27
1,2,4-Trichlorobenzene		57		12	27
1,2,3-Trichlorobenzene		27	U	22	27
1,2-Dichloropropane		27	U	2.3	27
Methylcyclohexane		1100		2.1	27
Tetrachloroethene		27	U	5.2	27
Xylenes, Total		8000		12	80
1,2-Dibromo-3-Chloropropane		27	U	4.1	27
1,1,2,2-Tetrachloroethane		27	U	2.3	27
1,1,2-Trichloroethane		27	U	2.6	27

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-17 Date Sampled: 03/18/2011 0930
Client Matrix: Solid % Moisture: 14.9 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98634.d
Dilution:	50			Initial Weight/Volume:	11.01 g
Analysis Date:	03/24/2011 1913			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1556				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		27	U	2.7	27
1,2-Dibromoethane		27	U	2.4	27
Dichlorodifluoromethane		27	U	7.6	27
Bromochloromethane		27	U	4.6	27
Bromodichloromethane		27	U	2.4	27

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		57 - 135
Toluene-d8 (Surr)	83		46 - 130
Bromofluorobenzene	104		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-17 Date Sampled: 03/18/2011 0930
Client Matrix: Solid % Moisture: 14.9 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98634.d
Dilution:	50			Initial Weight/Volume:	11.01 g
Analysis Date:	03/24/2011 1913			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1556				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Ethylmethylbenzene isomer	12.88	17000	J
108-67-8	1,3,5-Trimethylbenzene	12.94	6100	
95-63-6	1,2,4-Trimethylbenzene	13.36	13000	
	C10H14 Aromatic	13.62	5600	J
	Trimethylbenzene isomer	13.84	4700	J
	Diethylbenzene isomer	14.11	15000	J
	C10H14 Aromatic	14.47	4400	J
	Ethyldimethylbenzene isomer	14.56	4500	J
	Unknown Aromatic	14.75	7400	J
	Unknown Aromatic-2	15.78	10000	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15VD-E (3.5-4)**

Lab Sample ID: 460-24277-18 Date Sampled: 03/18/2011 1025
Client Matrix: Solid % Moisture: 8.3 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46675.d
Dilution:	1.0			Initial Weight/Volume:	6.89 g
Analysis Date:	03/28/2011 0731			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.79	U	0.50	0.79
Bromomethane		0.79	U	0.32	0.79
Vinyl chloride		0.79	U	0.19	0.79
Chloroethane		0.79	U	0.32	0.79
Methylene Chloride		0.79	U	0.37	0.79
Acetone		31		2.9	7.9
Carbon disulfide		0.79	U	0.37	0.79
Trichlorofluoromethane		0.79	U	0.21	0.79
1,1-Dichloroethene		0.79	U	0.29	0.79
1,1-Dichloroethane		0.79	U	0.20	0.79
trans-1,2-Dichloroethene		0.79	U	0.22	0.79
cis-1,2-Dichloroethene		0.79	U	0.19	0.79
Chloroform		0.79	U	0.19	0.79
2-Butanone		7.9	U	0.45	7.9
1,2-Dichloroethane		0.79	U	0.31	0.79
1,1,1-Trichloroethane		0.79	U	0.15	0.79
Carbon tetrachloride		0.79	U	0.080	0.79
Benzene		0.79	U	0.59	0.79
Bromoform		0.79	U	0.55	0.79
Styrene		0.79	U	0.27	0.79
Ethylbenzene		0.79	U	0.15	0.79
Chlorobenzene		0.79	U	0.38	0.79
Cyclohexane		0.79	U	0.18	0.79
Isopropylbenzene		0.79	U	0.21	0.79
2-Hexanone		7.9	U	1.3	7.9
MTBE		0.79	U	0.27	0.79
Freon TF		0.79	U	0.38	0.79
Methyl acetate		0.79	U	0.71	0.79
1,4-Dioxane		40	U	3.3	40
Trichloroethene		0.69	J	0.29	0.79
Toluene		0.79	U	0.24	0.79
trans-1,3-Dichloropropene		0.79	U	0.17	0.79
4-Methyl-2-pentanone		7.9	U	0.57	7.9
cis-1,3-Dichloropropene		0.79	U	0.16	0.79
1,2-Dichlorobenzene		0.79	U	0.50	0.79
1,3-Dichlorobenzene		0.79	U	0.38	0.79
1,4-Dichlorobenzene		0.79	U	0.56	0.79
1,2,4-Trichlorobenzene		0.79	U	0.42	0.79
1,2,3-Trichlorobenzene		0.79	U	0.51	0.79
1,2-Dichloropropane		0.79	U	0.25	0.79
Methylcyclohexane		0.79	U	0.22	0.79
Tetrachloroethene		0.28	J	0.26	0.79
Xylenes, Total		2.4	U	0.62	2.4
1,2-Dibromo-3-Chloropropane		0.79	U	0.48	0.79
1,1,2,2-Tetrachloroethane		0.79	U	0.60	0.79
1,1,2-Trichloroethane		0.79	U	0.47	0.79

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15VD-E (3.5-4)**

Lab Sample ID: 460-24277-18 Date Sampled: 03/18/2011 1025
Client Matrix: Solid % Moisture: 8.3 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46675.d
Dilution:	1.0			Initial Weight/Volume:	6.89 g
Analysis Date:	03/28/2011 0731			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.79	U	0.44	0.79
1,2-Dibromoethane		0.79	U	0.41	0.79
Dichlorodifluoromethane		0.79	U	0.32	0.79
Bromochloromethane		0.79	U	0.21	0.79
Bromodichloromethane		0.79	U	0.24	0.79

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 138
Toluene-d8 (Surr)	95		66 - 126
Bromofluorobenzene	103		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15VD-E (3.5-4)**

Lab Sample ID: 460-24277-18 Date Sampled: 03/18/2011 1025
Client Matrix: Solid % Moisture: 8.3 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46675.d
Dilution:	1.0			Initial Weight/Volume:	6.89 g
Analysis Date:	03/28/2011 0731			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1707				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-WT-E (7.5-8)**

Lab Sample ID: 460-24277-19 Date Sampled: 03/18/2011 1030
Client Matrix: Solid % Moisture: 11.8 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98635.d
Dilution:	50			Initial Weight/Volume:	6.03 g
Analysis Date:	03/24/2011 1945			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1558				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		47	U	9.9	47
Bromomethane		47	U	15	47
Vinyl chloride		47	U	5.6	47
Chloroethane		47	U	21	47
Methylene Chloride		47	U	9.1	47
Acetone		470	U	120	470
Carbon disulfide		47	U	6.9	47
Trichlorofluoromethane		47	U	7.4	47
1,1-Dichloroethene		47	U	6.6	47
1,1-Dichloroethane		47	U	4.7	47
trans-1,2-Dichloroethene		47	U	6.5	47
cis-1,2-Dichloroethene		47	U	9.1	47
Chloroform		47	U	7.3	47
2-Butanone		470	U	39	470
1,2-Dichloroethane		47	U	12	47
1,1,1-Trichloroethane		47	U	12	47
Carbon tetrachloride		47	U	8.5	47
Benzene		47	U	5.6	47
Bromoform		47	U	4.7	47
Styrene		47	U	6.5	47
Ethylbenzene		47	U	12	47
Chlorobenzene		47	U	7.8	47
Cyclohexane		47	U	5.8	47
Isopropylbenzene		47	U	10	47
2-Hexanone		470	U	26	470
MTBE		47	U	8.7	47
Freon TF		47	U	14	47
Methyl acetate		94	U	15	94
1,4-Dioxane		2400	U	400	2400
Trichloroethene		100		8.3	47
Toluene		47	U	4.5	47
trans-1,3-Dichloropropene		47	U	5.7	47
4-Methyl-2-pentanone		470	U	32	470
cis-1,3-Dichloropropene		47	U	4.8	47
1,2-Dichlorobenzene		28	J	7.7	47
1,3-Dichlorobenzene		47	U	11	47
1,4-Dichlorobenzene		38	J	7.1	47
1,2,4-Trichlorobenzene		1300		21	47
1,2,3-Trichlorobenzene		47	U	39	47
1,2-Dichloropropane		47	U	4.1	47
Methylcyclohexane		47	U	3.8	47
Tetrachloroethene		210		9.2	47
Xylenes, Total		140	U	20	140
1,2-Dibromo-3-Chloropropane		47	U	7.2	47
1,1,2,2-Tetrachloroethane		47	U	4.1	47
1,1,2-Trichloroethane		47	U	4.6	47

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-WT-E (7.5-8)**

Lab Sample ID: 460-24277-19 Date Sampled: 03/18/2011 1030
Client Matrix: Solid % Moisture: 11.8 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98635.d
Dilution:	50			Initial Weight/Volume:	6.03 g
Analysis Date:	03/24/2011 1945			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1558				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		47	U	4.7	47
1,2-Dibromoethane		47	U	4.3	47
Dichlorodifluoromethane		47	U	13	47
Bromochloromethane		47	U	8.1	47
Bromodichloromethane		47	U	4.2	47

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		57 - 135
Toluene-d8 (Surr)	71		46 - 130
Bromofluorobenzene	104		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-WT-E (7.5-8)**

Lab Sample ID: 460-24277-19 Date Sampled: 03/18/2011 1030
Client Matrix: Solid % Moisture: 11.8 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98635.d
Dilution:	50			Initial Weight/Volume:	6.03 g
Analysis Date:	03/24/2011 1945			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1558				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkene	12.19	3800	J
	Unknown Alkene-1	12.72	4300	J
	Unknown	12.93	6400	J
	Coeluting Unknowns	13.61	4900	J
	Decahydronaphthalene isomer	14.21	9900	J
	Dimethylpropylbenzene isomer	14.73	15000	J
	Decahydromethylnaphthalene isomer	14.98	7800	J
	Decahydromethylnaphthalene isomer-1	15.27	11000	J
	Unknown Aromatic	15.74	3700	J
	Unknown Aromatic-1	15.91	4100	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SI-E (15.5-16)**

Lab Sample ID: 460-24277-20 Date Sampled: 03/18/2011 1035
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46676.d
Dilution:	1.0			Initial Weight/Volume:	5.91 g
Analysis Date:	03/28/2011 0756			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1709				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.98	U	0.62	0.98
Bromomethane		0.98	U	0.40	0.98
Vinyl chloride		0.98	U	0.23	0.98
Chloroethane		0.98	U	0.39	0.98
Methylene Chloride		0.98	U	0.46	0.98
Acetone		25		3.6	9.8
Carbon disulfide		3.1		0.46	0.98
Trichlorofluoromethane		0.98	U	0.25	0.98
1,1-Dichloroethene		0.98	U	0.36	0.98
1,1-Dichloroethane		0.98	U	0.25	0.98
trans-1,2-Dichloroethene		0.98	U	0.28	0.98
cis-1,2-Dichloroethene		0.34	J	0.23	0.98
Chloroform		0.98	U	0.23	0.98
2-Butanone		9.8	U	0.56	9.8
1,2-Dichloroethane		0.98	U	0.38	0.98
1,1,1-Trichloroethane		0.98	U	0.18	0.98
Carbon tetrachloride		0.98	U	0.099	0.98
Benzene		0.98	U	0.72	0.98
Bromoform		0.98	U	0.69	0.98
Styrene		0.98	U	0.34	0.98
Ethylbenzene		0.98	U	0.19	0.98
Chlorobenzene		0.98	U	0.47	0.98
Cyclohexane		0.98	U	0.22	0.98
Isopropylbenzene		0.98	U	0.25	0.98
2-Hexanone		9.8	U	1.6	9.8
MTBE		0.98	U	0.34	0.98
Freon TF		0.98	U	0.47	0.98
Methyl acetate		0.98	U	0.88	0.98
1,4-Dioxane		49	U	4.1	49
Trichloroethene		0.98	U	0.36	0.98
Toluene		0.98	U	0.29	0.98
trans-1,3-Dichloropropene		0.98	U	0.22	0.98
4-Methyl-2-pentanone		9.8	U	0.70	9.8
cis-1,3-Dichloropropene		0.98	U	0.20	0.98
1,2-Dichlorobenzene		0.98	U	0.62	0.98
1,3-Dichlorobenzene		0.98	U	0.47	0.98
1,4-Dichlorobenzene		0.98	U	0.70	0.98
1,2,4-Trichlorobenzene		2.4		0.52	0.98
1,2,3-Trichlorobenzene		0.84	J	0.63	0.98
1,2-Dichloropropane		0.98	U	0.31	0.98
Methylcyclohexane		0.98	U	0.27	0.98
Tetrachloroethene		0.98	U	0.32	0.98
Xylenes, Total		2.9	U	0.77	2.9
1,2-Dibromo-3-Chloropropane		0.98	U	0.60	0.98
1,1,2,2-Tetrachloroethane		0.98	U	0.74	0.98
1,1,2-Trichloroethane		0.98	U	0.58	0.98

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SI-E (15.5-16)**

Lab Sample ID: 460-24277-20 Date Sampled: 03/18/2011 1035
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46676.d
Dilution:	1.0			Initial Weight/Volume:	5.91 g
Analysis Date:	03/28/2011 0756			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1709				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.98	U	0.55	0.98
1,2-Dibromoethane		0.98	U	0.51	0.98
Dichlorodifluoromethane		0.98	U	0.40	0.98
Bromochloromethane		0.98	U	0.27	0.98
Bromodichloromethane		0.98	U	0.30	0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 138
Toluene-d8 (Surr)	89		66 - 126
Bromofluorobenzene	95		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SI-E (15.5-16)**

Lab Sample ID: 460-24277-20 Date Sampled: 03/18/2011 1035
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46676.d
Dilution:	1.0			Initial Weight/Volume:	5.91 g
Analysis Date:	03/28/2011 0756			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1709				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydromethylnaphthalene isomer	12.89	15	J
	Unknown-1	13.30	17	J
	C12H26 Alkane	13.38	25	J
	Unknown-3	13.85	24	J
	Unknown Alkane	14.01	26	J
	Unknown Alkane-1/C12H16 Aromatic-1	14.79	29	J
	C14H30 Alkane	14.93	21	J
	Unknown-4	15.05	14	J
	Unknown-5	15.45	18	J
	C15H32 Alkane	15.57	13	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SD-E (23.5-24.0)**

Lab Sample ID: 460-24277-21 Date Sampled: 03/18/2011 1040
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46677.d
Dilution:	1.0			Initial Weight/Volume:	10.58 g
Analysis Date:	03/28/2011 0821			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1709				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.54	U	0.35	0.54
Bromomethane		0.54	U	0.22	0.54
Vinyl chloride		0.48	J	0.13	0.54
Chloroethane		0.54	U	0.22	0.54
Methylene Chloride		0.54	U	0.26	0.54
Acetone		35		2.0	5.4
Carbon disulfide		0.83		0.25	0.54
Trichlorofluoromethane		0.54	U	0.14	0.54
1,1-Dichloroethene		0.39	J	0.20	0.54
1,1-Dichloroethane		0.54	U	0.14	0.54
trans-1,2-Dichloroethene		3.1		0.15	0.54
cis-1,2-Dichloroethene		61		0.13	0.54
Chloroform		0.54	U	0.13	0.54
2-Butanone		5.4	U	0.31	5.4
1,2-Dichloroethane		0.54	U	0.21	0.54
1,1,1-Trichloroethane		0.54	U	0.10	0.54
Carbon tetrachloride		0.54	U	0.055	0.54
Benzene		0.54	U	0.40	0.54
Bromoform		0.54	U	0.38	0.54
Styrene		0.54	U	0.19	0.54
Ethylbenzene		2.4		0.10	0.54
Chlorobenzene		1.4		0.26	0.54
Cyclohexane		0.18	J	0.12	0.54
Isopropylbenzene		0.71		0.14	0.54
2-Hexanone		5.4	U	0.91	5.4
MTBE		0.54	U	0.19	0.54
Freon TF		0.54	U	0.26	0.54
Methyl acetate		0.54	U	0.49	0.54
1,4-Dioxane		27	U	2.3	27
Trichloroethene		87		0.20	0.54
Toluene		0.31	J	0.16	0.54
trans-1,3-Dichloropropene		0.54	U	0.12	0.54
4-Methyl-2-pentanone		5.4	U	0.39	5.4
cis-1,3-Dichloropropene		0.54	U	0.11	0.54
1,2-Dichlorobenzene		0.66		0.35	0.54
1,3-Dichlorobenzene		0.54	U	0.26	0.54
1,4-Dichlorobenzene		0.54	U	0.39	0.54
1,2,4-Trichlorobenzene		20		0.29	0.54
1,2,3-Trichlorobenzene		4.7		0.35	0.54
1,2-Dichloropropane		0.54	U	0.17	0.54
Methylcyclohexane		0.32	J	0.15	0.54
Tetrachloroethene		1.8		0.18	0.54
Xylenes, Total		1.6	U	0.43	1.6
1,2-Dibromo-3-Chloropropane		0.54	U	0.33	0.54
1,1,2,2-Tetrachloroethane		0.54	U	0.41	0.54
1,1,2-Trichloroethane		0.54	U	0.32	0.54

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SD-E (23.5-24.0)**

Lab Sample ID: 460-24277-21 Date Sampled: 03/18/2011 1040
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46677.d
Dilution:	1.0			Initial Weight/Volume:	10.58 g
Analysis Date:	03/28/2011 0821			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1709				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.54	U	0.30	0.54
1,2-Dibromoethane		0.54	U	0.28	0.54
Dichlorodifluoromethane		0.54	U	0.22	0.54
Bromochloromethane		0.54	U	0.15	0.54
Bromodichloromethane		0.54	U	0.17	0.54

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 138
Toluene-d8 (Surr)	90		66 - 126
Bromofluorobenzene	96		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SD-E (23.5-24.0)**

Lab Sample ID: 460-24277-21 Date Sampled: 03/18/2011 1040
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46677.d
Dilution:	1.0			Initial Weight/Volume:	10.58 g
Analysis Date:	03/28/2011 0821			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1709				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-VD-E (3-5)**

Lab Sample ID: 460-24277-22 Date Sampled: 03/18/2011 1155
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46678.d
Dilution:	1.0			Initial Weight/Volume:	6.3 g
Analysis Date:	03/28/2011 0845			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1710				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.84	U	0.53	0.84
Bromomethane		0.84	U	0.34	0.84
Vinyl chloride		0.84	U	0.20	0.84
Chloroethane		0.84	U	0.33	0.84
Methylene Chloride		0.84	U	0.40	0.84
Acetone		30		3.1	8.4
Carbon disulfide		0.84	U	0.39	0.84
Trichlorofluoromethane		0.84	U	0.22	0.84
1,1-Dichloroethene		0.84	U	0.31	0.84
1,1-Dichloroethane		0.84	U	0.21	0.84
trans-1,2-Dichloroethene		0.84	U	0.24	0.84
cis-1,2-Dichloroethene		0.23	J	0.20	0.84
Chloroform		0.84	U	0.20	0.84
2-Butanone		8.4	U	0.48	8.4
1,2-Dichloroethane		0.84	U	0.33	0.84
1,1,1-Trichloroethane		0.84	U	0.16	0.84
Carbon tetrachloride		0.84	U	0.085	0.84
Benzene		0.84	U	0.62	0.84
Bromoform		0.84	U	0.59	0.84
Styrene		0.84	U	0.29	0.84
Ethylbenzene		0.84	U	0.16	0.84
Chlorobenzene		0.84	U	0.40	0.84
Cyclohexane		0.84	U	0.19	0.84
Isopropylbenzene		0.84	U	0.22	0.84
2-Hexanone		8.4	U	1.4	8.4
MTBE		0.84	U	0.29	0.84
Freon TF		0.84	U	0.40	0.84
Methyl acetate		0.84	U	0.75	0.84
1,4-Dioxane		42	U	3.5	42
Trichloroethene		1.2		0.30	0.84
Toluene		0.84	U	0.25	0.84
trans-1,3-Dichloropropene		0.84	U	0.19	0.84
4-Methyl-2-pentanone		8.4	U	0.60	8.4
cis-1,3-Dichloropropene		0.84	U	0.17	0.84
1,2-Dichlorobenzene		0.84	U	0.53	0.84
1,3-Dichlorobenzene		0.84	U	0.41	0.84
1,4-Dichlorobenzene		0.84	U	0.60	0.84
1,2,4-Trichlorobenzene		27		0.45	0.84
1,2,3-Trichlorobenzene		0.84	U	0.54	0.84
1,2-Dichloropropane		0.84	U	0.27	0.84
Methylcyclohexane		0.84	U	0.23	0.84
Tetrachloroethene		0.73	J	0.28	0.84
Xylenes, Total		2.5	U	0.66	2.5
1,2-Dibromo-3-Chloropropane		0.84	U	0.51	0.84
1,1,2,2-Tetrachloroethane		0.84	U	0.64	0.84
1,1,2-Trichloroethane		0.84	U	0.50	0.84

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-VD-E (3-5)**

Lab Sample ID: 460-24277-22 Date Sampled: 03/18/2011 1155
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46678.d
Dilution:	1.0			Initial Weight/Volume:	6.3 g
Analysis Date:	03/28/2011 0845			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1710				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.84	U	0.47	0.84
1,2-Dibromoethane		0.84	U	0.43	0.84
Dichlorodifluoromethane		0.84	U	0.34	0.84
Bromochloromethane		0.84	U	0.23	0.84
Bromodichloromethane		0.84	U	0.26	0.84

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 138
Toluene-d8 (Surr)	88		66 - 126
Bromofluorobenzene	101		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-VD-E (3-5)**

Lab Sample ID: 460-24277-22 Date Sampled: 03/18/2011 1155
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46678.d
Dilution:	1.0			Initial Weight/Volume:	6.3 g
Analysis Date:	03/28/2011 0845			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1710				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydromethylnaphthalene isomer	12.89	87	J
	Unknown Alkane/Unknown	13.29	160	J
	Unknown Alkane-1	13.52	82	J
	C13H26 Cycloalkane	13.80	180	J
	Unknown	13.88	92	J
	C14H30 Alkane	14.02	200	J
	Unknown-3	14.20	110	J
	Unknown-4	14.27	190	J
	Unknown Alkane-2	14.79	98	J
	Unknown-6	15.06	150	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-WT-E (8-8.5)**

Lab Sample ID: 460-24277-23 Date Sampled: 03/18/2011 1200
Client Matrix: Solid % Moisture: 14.7 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98637.d
Dilution:	50			Initial Weight/Volume:	5.56 g
Analysis Date:	03/24/2011 2050			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		53	U	11	53
Bromomethane		53	U	17	53
Vinyl chloride		53	U	6.3	53
Chloroethane		53	U	23	53
Methylene Chloride		53	U	10	53
Acetone		530	U	130	530
Carbon disulfide		53	U	7.7	53
Trichlorofluoromethane		53	U	8.3	53
1,1-Dichloroethene		53	U	7.4	53
1,1-Dichloroethane		53	U	5.3	53
trans-1,2-Dichloroethene		53	U	7.3	53
cis-1,2-Dichloroethene		53	U	10	53
Chloroform		53	U	8.2	53
2-Butanone		530	U	43	530
1,2-Dichloroethane		53	U	13	53
1,1,1-Trichloroethane		53	U	13	53
Carbon tetrachloride		53	U	9.5	53
Benzene		53	U	6.3	53
Bromoform		53	U	5.2	53
Styrene		53	U	7.3	53
Ethylbenzene		53	U	13	53
Chlorobenzene		53	U	8.7	53
Cyclohexane		53	U	6.5	53
Isopropylbenzene		53	U	11	53
2-Hexanone		530	U	29	530
MTBE		53	U	9.8	53
Freon TF		53	U	15	53
Methyl acetate		110	U	17	110
1,4-Dioxane		2600	U	450	2600
Trichloroethene		30	J	9.4	53
Toluene		53	U	5.0	53
trans-1,3-Dichloropropene		53	U	6.4	53
4-Methyl-2-pentanone		530	U	36	530
cis-1,3-Dichloropropene		53	U	5.4	53
1,2-Dichlorobenzene		53	U	8.6	53
1,3-Dichlorobenzene		53	U	12	53
1,4-Dichlorobenzene		53	U	7.9	53
1,2,4-Trichlorobenzene		1200		23	53
1,2,3-Trichlorobenzene		53	U	44	53
1,2-Dichloropropane		53	U	4.6	53
Methylcyclohexane		53	U	4.2	53
Tetrachloroethene		18	J	10	53
Xylenes, Total		160	U	23	160
1,2-Dibromo-3-Chloropropane		53	U	8.1	53
1,1,2,2-Tetrachloroethane		53	U	4.5	53
1,1,2-Trichloroethane		53	U	5.1	53

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-WT-E (8-8.5)**

Lab Sample ID: 460-24277-23 Date Sampled: 03/18/2011 1200
Client Matrix: Solid % Moisture: 14.7 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98637.d
Dilution:	50			Initial Weight/Volume:	5.56 g
Analysis Date:	03/24/2011 2050			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1600				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		53	U	5.3	53
1,2-Dibromoethane		53	U	4.8	53
Dichlorodifluoromethane		53	U	15	53
Bromochloromethane		53	U	9.1	53
Bromodichloromethane		53	U	4.7	53

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		57 - 135
Toluene-d8 (Surr)	86		46 - 130
Bromofluorobenzene	110		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-WT-E (8-8.5)**

Lab Sample ID: 460-24277-23 Date Sampled: 03/18/2011 1200
Client Matrix: Solid % Moisture: 14.7 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98637.d
Dilution:	50			Initial Weight/Volume:	5.56 g
Analysis Date:	03/24/2011 2050			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1600				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkene	12.71	2700	J
	Unknown	12.93	3900	J
	Unknown-1	13.57	3200	J
	Unknown Cycloalkane	13.94	3000	J
	Decahydronaphthalene isomer	14.20	10000	J
	Unknown Aromatic	14.80	9900	J
	Decahydromethylnaphthalene isomer	14.98	9200	J
	Decahydromethylnaphthalene isomer-1	15.26	12000	J
	Unknown Aromatic-2	15.89	3500	J
	Tetrahydromethylnaphthalene isomer	17.11	4400	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI1-E (11-13)**

Lab Sample ID: 460-24277-24 Date Sampled: 03/18/2011 1205
Client Matrix: Solid % Moisture: 12.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98677.d
Dilution:	50			Initial Weight/Volume:	5.33 g
Analysis Date:	03/25/2011 2024			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1601				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		54	U	11	54
Bromomethane		54	U	17	54
Vinyl chloride		54	U	6.4	54
Chloroethane		54	U	24	54
Methylene Chloride		54	U	10	54
Acetone		540	U	130	540
Carbon disulfide		54	U	7.8	54
Trichlorofluoromethane		54	U	8.4	54
1,1-Dichloroethene		54	U	7.5	54
1,1-Dichloroethane		54	U	5.4	54
trans-1,2-Dichloroethene		54	U	7.4	54
cis-1,2-Dichloroethene		54	U	10	54
Chloroform		54	U	8.3	54
2-Butanone		540	U	44	540
1,2-Dichloroethane		54	U	13	54
1,1,1-Trichloroethane		54	U	13	54
Carbon tetrachloride		54	U	9.6	54
Benzene		54	U	6.4	54
Bromoform		54	U	5.3	54
Styrene		54	U	7.4	54
Ethylbenzene		54	U	13	54
Chlorobenzene		54	U	8.8	54
Cyclohexane		54	U	6.6	54
Isopropylbenzene		22	J	11	54
2-Hexanone		540	U	29	540
MTBE		54	U	9.9	54
Freon TF		54	U	15	54
Methyl acetate		110	U	18	110
1,4-Dioxane		2700	U	460	2700
Trichloroethene		40	J	9.5	54
Toluene		54	U	5.1	54
trans-1,3-Dichloropropene		54	U	6.5	54
4-Methyl-2-pentanone		540	U	37	540
cis-1,3-Dichloropropene		54	U	5.5	54
1,2-Dichlorobenzene		54	U	8.7	54
1,3-Dichlorobenzene		54	U	12	54
1,4-Dichlorobenzene		25	J	8.1	54
1,2,4-Trichlorobenzene		1300		23	54
1,2,3-Trichlorobenzene		140		45	54
1,2-Dichloropropane		54	U	4.7	54
Methylcyclohexane		96		4.3	54
Tetrachloroethene		20	J	10	54
Xylenes, Total		140	J	23	160
1,2-Dibromo-3-Chloropropane		54	U	8.2	54
1,1,2,2-Tetrachloroethane		54	U	4.6	54
1,1,2-Trichloroethane		54	U	5.2	54

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI1-E (11-13)**

Lab Sample ID: 460-24277-24 Date Sampled: 03/18/2011 1205
Client Matrix: Solid % Moisture: 12.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98677.d
Dilution:	50			Initial Weight/Volume:	5.33 g
Analysis Date:	03/25/2011 2024			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1601				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		54	U	5.4	54
1,2-Dibromoethane		54	U	4.9	54
Dichlorodifluoromethane		54	U	15	54
Bromochloromethane		54	U	9.3	54
Bromodichloromethane		54	U	4.8	54

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		57 - 135
Toluene-d8 (Surr)	85		46 - 130
Bromofluorobenzene	121		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI1-E (11-13)**

Lab Sample ID: 460-24277-24 Date Sampled: 03/18/2011 1205
Client Matrix: Solid % Moisture: 12.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98677.d
Dilution:	50			Initial Weight/Volume:	5.33 g
Analysis Date:	03/25/2011 2024			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1601				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Cycloalkane	12.90	7600	J
	Ethylmethylbenzene isomer	13.17	4000	J
	Ethyldimethylbenzene isomer	13.60	5800	J
	Decahydronaphthalene isomer	14.19	7000	J
	Ethyldimethylbenzene isomer-1	14.54	4600	J
	Coeluting Aromatics	14.73	14000	J
	Decahydromethylnaphthalene isomer	14.96	7500	J
	Decahydromethylnaphthalene isomer-1	15.25	10000	J
	Tetramethylbenzene isomer	15.71	6700	J
	2,3-dihydro-dimethyl-1H-Indene isomer	16.46	9900	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI2-E (15-17)**

Lab Sample ID: 460-24277-25 Date Sampled: 03/18/2011 1210
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46732.d
Dilution:	1.0			Initial Weight/Volume:	11.13 g
Analysis Date:	03/29/2011 0952			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1712				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.52	U	0.33	0.52
Bromomethane		0.52	U	0.21	0.52
Vinyl chloride		0.52	U	0.12	0.52
Chloroethane		0.52	U	0.21	0.52
Methylene Chloride		0.52	U	0.24	0.52
Acetone		5.7		1.9	5.2
Carbon disulfide		0.65		0.24	0.52
Trichlorofluoromethane		0.52	U	0.13	0.52
1,1-Dichloroethene		0.52	U	0.19	0.52
1,1-Dichloroethane		0.52	U	0.13	0.52
trans-1,2-Dichloroethene		0.52	U	0.15	0.52
cis-1,2-Dichloroethene		0.52	U	0.12	0.52
Chloroform		0.52	U	0.12	0.52
2-Butanone		5.2	U	0.30	5.2
1,2-Dichloroethane		0.52	U	0.20	0.52
1,1,1-Trichloroethane		0.52	U	0.097	0.52
Carbon tetrachloride		0.52	U	0.052	0.52
Benzene		0.52	U	0.38	0.52
Bromoform		0.52	U	0.36	0.52
Styrene		0.52	U	0.18	0.52
Ethylbenzene		0.52	U	0.099	0.52
Chlorobenzene		0.52	U	0.25	0.52
Cyclohexane		0.52	U	0.12	0.52
Isopropylbenzene		0.52	U	0.13	0.52
2-Hexanone		5.2	U	0.87	5.2
MTBE		0.52	U	0.18	0.52
Freon TF		0.52	U	0.25	0.52
Methyl acetate		0.52	U	0.46	0.52
1,4-Dioxane		26	U	2.2	26
Trichloroethene		0.52	U	0.19	0.52
Toluene		0.52	U	0.16	0.52
trans-1,3-Dichloropropene		0.52	U	0.11	0.52
4-Methyl-2-pentanone		5.2	U	0.37	5.2
cis-1,3-Dichloropropene		0.52	U	0.10	0.52
1,2-Dichlorobenzene		0.52	U	0.33	0.52
1,3-Dichlorobenzene		0.52	U	0.25	0.52
1,4-Dichlorobenzene		0.52	U	0.37	0.52
1,2,4-Trichlorobenzene		1.4		0.28	0.52
1,2,3-Trichlorobenzene		0.36	J	0.34	0.52
1,2-Dichloropropane		0.52	U	0.16	0.52
Methylcyclohexane		0.52	U	0.14	0.52
Tetrachloroethene		0.52	U	0.17	0.52
Xylenes, Total		1.6	U	0.41	1.6
1,2-Dibromo-3-Chloropropane		0.52	U	0.32	0.52
1,1,2,2-Tetrachloroethane		0.52	U	0.39	0.52
1,1,2-Trichloroethane		0.52	U	0.31	0.52

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI2-E (15-17)**

Lab Sample ID: 460-24277-25 Date Sampled: 03/18/2011 1210
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46732.d
Dilution:	1.0			Initial Weight/Volume:	11.13 g
Analysis Date:	03/29/2011 0952			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1712				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.52	U	0.29	0.52
1,2-Dibromoethane		0.52	U	0.27	0.52
Dichlorodifluoromethane		0.52	U *	0.21	0.52
Bromochloromethane		0.52	U	0.14	0.52
Bromodichloromethane		0.52	U	0.16	0.52

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 138
Toluene-d8 (Surr)	90		66 - 126
Bromofluorobenzene	94		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI2-E (15-17)**

Lab Sample ID: 460-24277-25 Date Sampled: 03/18/2011 1210
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46732.d
Dilution:	1.0			Initial Weight/Volume:	11.13 g
Analysis Date:	03/29/2011 0952			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1712				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C12H26 Alkane	13.37	18	J
	C13H28 Alkane	13.51	18	J
	Unknown Alkane	14.01	25	J
	Unknown Alkane-1	14.65	20	J
	Tetrahydrodimethylnaphthalene isomer	14.74	21	J
	Unknown Alkane-2	14.79	37	J
	C14H30 Alkane	14.93	37	J
	Tetrahydrodimethylnaphthalene isomer-1	15.26	19	J
	Unknown Alkane-3	15.33	25	J
	Unknown	15.45	22	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-VD-E (3.5-4)**

Lab Sample ID: 460-24277-26 Date Sampled: 03/18/2011 1230
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98664.d
Dilution:	50			Initial Weight/Volume:	4.49 g
Analysis Date:	03/25/2011 1323			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1602				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		58	U	12	58
Bromomethane		58	U	18	58
Vinyl chloride		58	U	7.0	58
Chloroethane		58	U	26	58
Methylene Chloride		58	U	11	58
Acetone		580	U	140	580
Carbon disulfide		58	U	8.5	58
Trichlorofluoromethane		58	U	9.1	58
1,1-Dichloroethene		58	U	8.2	58
1,1-Dichloroethane		58	U	5.8	58
trans-1,2-Dichloroethene		58	U	8.0	58
cis-1,2-Dichloroethene		58	U	11	58
Chloroform		58	U	9.0	58
2-Butanone		580	U	48	580
1,2-Dichloroethane		58	U	14	58
1,1,1-Trichloroethane		58	U	14	58
Carbon tetrachloride		58	U	10	58
Benzene		58	U	6.9	58
Bromoform		58	U	5.8	58
Styrene		58	U	8.1	58
Ethylbenzene		58	U	14	58
Chlorobenzene		58	U	9.6	58
Cyclohexane		58	U	7.2	58
Isopropylbenzene		58	U	12	58
2-Hexanone		580	U	32	580
MTBE		58	U	11	58
Freon TF		58	U	17	58
Methyl acetate		120	U	19	120
1,4-Dioxane		2900	U	490	2900
Trichloroethene		58	U	10	58
Toluene		58	U	5.5	58
trans-1,3-Dichloropropene		58	U	7.1	58
4-Methyl-2-pentanone		580	U	40	580
cis-1,3-Dichloropropene		58	U	5.9	58
1,2-Dichlorobenzene		58	U	9.5	58
1,3-Dichlorobenzene		58	U	13	58
1,4-Dichlorobenzene		58	U	8.8	58
1,2,4-Trichlorobenzene		58	U	25	58
1,2,3-Trichlorobenzene		58	U	48	58
1,2-Dichloropropane		58	U	5.1	58
Methylcyclohexane		58	U	4.7	58
Tetrachloroethene		58	U	11	58
Xylenes, Total		170	U	25	170
1,2-Dibromo-3-Chloropropane		58	U	8.9	58
1,1,2,2-Tetrachloroethane		58	U	5.0	58
1,1,2-Trichloroethane		58	U	5.7	58

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-VD-E (3.5-4)**

Lab Sample ID: 460-24277-26 Date Sampled: 03/18/2011 1230
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98664.d
Dilution:	50			Initial Weight/Volume:	4.49 g
Analysis Date:	03/25/2011 1323			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1602				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		58	U	5.8	58
1,2-Dibromoethane		58	U	5.3	58
Dichlorodifluoromethane		58	U	16	58
Bromochloromethane		58	U	10	58
Bromodichloromethane		58	U	5.2	58

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		57 - 135
Toluene-d8 (Surr)	85		46 - 130
Bromofluorobenzene	108		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-VD-E (3.5-4)**

Lab Sample ID: 460-24277-26 Date Sampled: 03/18/2011 1230
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98664.d
Dilution:	50			Initial Weight/Volume:	4.49 g
Analysis Date:	03/25/2011 1323			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1602				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
15402-84-3	2-Amino-1-(o-methoxyphenyl)propane	2.39	460	J N

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-WT-E (8-8.5)**

Lab Sample ID: 460-24277-27 Date Sampled: 03/18/2011 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98783.d
Dilution:	50			Initial Weight/Volume:	5.53 g
Analysis Date:	03/31/2011 1216			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1603				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		51	U	11	51
Bromomethane		51	U	16	51
Vinyl chloride		51	U	6.1	51
Chloroethane		51	U	23	51
Methylene Chloride		51	U	9.8	51
Acetone		510	U	130	510
Carbon disulfide		51	U	7.4	51
Trichlorofluoromethane		51	U	8.0	51
1,1-Dichloroethene		51	U	7.1	51
1,1-Dichloroethane		51	U	5.1	51
trans-1,2-Dichloroethene		51	U	7.0	51
cis-1,2-Dichloroethene		51	U	9.8	51
Chloroform		51	U	7.9	51
2-Butanone		510	U	42	510
1,2-Dichloroethane		51	U	13	51
1,1,1-Trichloroethane		51	U	13	51
Carbon tetrachloride		51	U	9.1	51
Benzene		51	U	6.0	51
Bromoform		51	U	5.0	51
Styrene		51	U	7.1	51
Ethylbenzene		51	U	13	51
Chlorobenzene		51	U	8.4	51
Cyclohexane		51	U	6.3	51
Isopropylbenzene		24	J	11	51
2-Hexanone		510	U	28	510
MTBE		51	U	9.4	51
Freon TF		51	U	15	51
Methyl acetate		100	U	17	100
1,4-Dioxane		2500	U	430	2500
Trichloroethene		51	U	9.0	51
Toluene		51	U	4.8	51
trans-1,3-Dichloropropene		51	U	6.2	51
4-Methyl-2-pentanone		510	U	35	510
cis-1,3-Dichloropropene		51	U	5.2	51
1,2-Dichlorobenzene		51	U	8.3	51
1,3-Dichlorobenzene		51	U	11	51
1,4-Dichlorobenzene		51	U	7.7	51
1,2,4-Trichlorobenzene		900		22	51
1,2,3-Trichlorobenzene		51	U	42	51
1,2-Dichloropropane		51	U	4.4	51
Methylcyclohexane		51	U	4.1	51
Tetrachloroethene		53		10	51
Xylenes, Total		140	J	22	150
1,2-Dibromo-3-Chloropropane		51	U	7.8	51
1,1,2,2-Tetrachloroethane		51	U	4.4	51
1,1,2-Trichloroethane		51	U	4.9	51

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-WT-E (8-8.5)**

Lab Sample ID: 460-24277-27 Date Sampled: 03/18/2011 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98783.d
Dilution:	50			Initial Weight/Volume:	5.53 g
Analysis Date:	03/31/2011 1216			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1603				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		51	U	5.1	51
1,2-Dibromoethane		51	U	4.6	51
Dichlorodifluoromethane		51	U	14	51
Bromochloromethane		51	U	8.8	51
Bromodichloromethane		51	U	4.6	51

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		57 - 135
Toluene-d8 (Surr)	82		46 - 130
Bromofluorobenzene	110		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-WT-E (8-8.5)**

Lab Sample ID: 460-24277-27 Date Sampled: 03/18/2011 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98783.d
Dilution:	50			Initial Weight/Volume:	5.53 g
Analysis Date:	03/31/2011 1216			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1603				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Coeluting Unknowns	12.91	7000	J
	C10H14 Aromatic/Unknown	13.62	5700	J
	Decahydronaphthalene isomer	14.21	11000	J
	Ethyldimethylbenzene isomer-1	14.56	4100	J
	Coeluting Aromatics	14.77	11000	J
	Decahydromethylnaphthalene isomer	14.99	7400	J
	Decahydromethylnaphthalene isomer-1	15.27	9000	J
	C10H14 Aromatic-1	15.74	6500	J
	2,3-dihydro-dimethyl-1H-Indene isomer	16.49	10000	J
	Unknown Aromatic-3	17.06	11000	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-28 Date Sampled: 03/18/2011 1240
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46734.d
Dilution:	1.0			Initial Weight/Volume:	7.74 g
Analysis Date:	03/29/2011 1042			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1715				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.74	U	0.47	0.74
Bromomethane		0.74	U	0.30	0.74
Vinyl chloride		0.74	U	0.17	0.74
Chloroethane		0.74	U	0.30	0.74
Methylene Chloride		0.74	U	0.35	0.74
Acetone		27		2.7	7.4
Carbon disulfide		0.65	J	0.35	0.74
Trichlorofluoromethane		0.74	U	0.19	0.74
1,1-Dichloroethene		0.74	U	0.27	0.74
1,1-Dichloroethane		0.74	U	0.19	0.74
trans-1,2-Dichloroethene		0.74	U	0.21	0.74
cis-1,2-Dichloroethene		1.2		0.18	0.74
Chloroform		0.74	U	0.18	0.74
2-Butanone		1.8	J	0.42	7.4
1,2-Dichloroethane		0.74	U	0.29	0.74
1,1,1-Trichloroethane		0.74	U	0.14	0.74
Carbon tetrachloride		0.74	U	0.075	0.74
Benzene		0.74	U	0.55	0.74
Bromoform		0.74	U	0.52	0.74
Styrene		0.74	U	0.26	0.74
Ethylbenzene		0.20	J	0.14	0.74
Chlorobenzene		0.74	U	0.36	0.74
Cyclohexane		0.74	U	0.17	0.74
Isopropylbenzene		0.74	U	0.19	0.74
2-Hexanone		7.4	U	1.2	7.4
MTBE		0.74	U	0.26	0.74
Freon TF		0.74	U	0.35	0.74
Methyl acetate		0.74	U	0.67	0.74
1,4-Dioxane		37	U	3.1	37
Trichloroethene		1.4		0.27	0.74
Toluene		0.44	J	0.22	0.74
trans-1,3-Dichloropropene		0.74	U	0.16	0.74
4-Methyl-2-pentanone		7.4	U	0.53	7.4
cis-1,3-Dichloropropene		0.74	U	0.15	0.74
1,2-Dichlorobenzene		0.74	U	0.47	0.74
1,3-Dichlorobenzene		0.74	U	0.36	0.74
1,4-Dichlorobenzene		0.74	U	0.53	0.74
1,2,4-Trichlorobenzene		6.2		0.40	0.74
1,2,3-Trichlorobenzene		0.74	U	0.48	0.74
1,2-Dichloropropane		0.74	U	0.24	0.74
Methylcyclohexane		1.2		0.20	0.74
Tetrachloroethene		1.1		0.25	0.74
Xylenes, Total		4.7		0.58	2.2
1,2-Dibromo-3-Chloropropane		0.74	U	0.45	0.74
1,1,2,2-Tetrachloroethane		0.74	U	0.56	0.74
1,1,2-Trichloroethane		0.74	U	0.44	0.74

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-28 Date Sampled: 03/18/2011 1240
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46734.d
Dilution:	1.0			Initial Weight/Volume:	7.74 g
Analysis Date:	03/29/2011 1042			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1715				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.74	U	0.42	0.74
1,2-Dibromoethane		0.74	U	0.39	0.74
Dichlorodifluoromethane		0.74	U *	0.30	0.74
Bromochloromethane		0.74	U	0.20	0.74
Bromodichloromethane		0.74	U	0.23	0.74

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 138
Toluene-d8 (Surr)	91		66 - 126
Bromofluorobenzene	95		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-28 Date Sampled: 03/18/2011 1240
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46734.d
Dilution:	1.0			Initial Weight/Volume:	7.74 g
Analysis Date:	03/29/2011 1042			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1715				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C11H24 Alkane	12.27	64	J
	Ethyldimethylbenzene isomer-2	13.30	88	J
	C12H26 Alkane-2	13.38	160	J
	Unknown Alkane	13.51	96	J
	Unknown Cycloalkane	13.85	88	J
	C13H28 Alkane-1	14.02	130	J
	C13H28 Alkane-2	14.22	110	J
	Tetrahydrodimethylnaphthalene isomer	14.74	62	J
	C13H28 Alkane-3	14.79	90	J
	C14H30 Alkane	14.93	87	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-VD-E (3.5-4)**

Lab Sample ID: 460-24277-29 Date Sampled: 03/18/2011 1250
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46735.d
Dilution:	1.0			Initial Weight/Volume:	5.35 g
Analysis Date:	03/29/2011 1106			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1715				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.0	U	0.66	1.0
Bromomethane		1.0	U	0.42	1.0
Vinyl chloride		1.0	U	0.24	1.0
Chloroethane		1.0	U	0.41	1.0
Methylene Chloride		1.0	U	0.49	1.0
Acetone		7.5	J	3.8	10
Carbon disulfide		1.0	U	0.48	1.0
Trichlorofluoromethane		1.0	U	0.27	1.0
1,1-Dichloroethene		1.0	U	0.38	1.0
1,1-Dichloroethane		1.0	U	0.26	1.0
trans-1,2-Dichloroethene		1.0	U	0.29	1.0
cis-1,2-Dichloroethene		1.0	U	0.24	1.0
Chloroform		1.0	U	0.25	1.0
2-Butanone		10	U	0.59	10
1,2-Dichloroethane		1.0	U	0.40	1.0
1,1,1-Trichloroethane		1.0	U	0.19	1.0
Carbon tetrachloride		1.0	U	0.10	1.0
Benzene		1.0	U	0.77	1.0
Bromoform		1.0	U	0.73	1.0
Styrene		1.0	U	0.36	1.0
Ethylbenzene		1.0	U	0.20	1.0
Chlorobenzene		1.0	U	0.50	1.0
Cyclohexane		1.0	U	0.23	1.0
Isopropylbenzene		1.0	U	0.27	1.0
2-Hexanone		10	U	1.7	10
MTBE		1.0	U	0.36	1.0
Freon TF		1.0	U	0.49	1.0
Methyl acetate		1.0	U	0.93	1.0
1,4-Dioxane		52	U	4.3	52
Trichloroethene		1.0	U	0.38	1.0
Toluene		1.0	U	0.31	1.0
trans-1,3-Dichloropropene		1.0	U	0.23	1.0
4-Methyl-2-pentanone		10	U	0.74	10
cis-1,3-Dichloropropene		1.0	U	0.21	1.0
1,2-Dichlorobenzene		1.0	U	0.66	1.0
1,3-Dichlorobenzene		1.9		0.50	1.0
1,4-Dichlorobenzene		5.2		0.74	1.0
1,2,4-Trichlorobenzene		1.0	U	0.55	1.0
1,2,3-Trichlorobenzene		1.0	U	0.67	1.0
1,2-Dichloropropane		1.0	U	0.33	1.0
Methylcyclohexane		1.0	U	0.28	1.0
Tetrachloroethene		1.0	U	0.34	1.0
Xylenes, Total		1.4	J	0.81	3.1
1,2-Dibromo-3-Chloropropane		1.0	U	0.63	1.0
1,1,2,2-Tetrachloroethane		1.0	U	0.79	1.0
1,1,2-Trichloroethane		1.0	U	0.61	1.0

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-VD-E (3.5-4)**

Lab Sample ID: 460-24277-29 Date Sampled: 03/18/2011 1250
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46735.d
Dilution:	1.0			Initial Weight/Volume:	5.35 g
Analysis Date:	03/29/2011 1106			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1715				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.0	U	0.58	1.0
1,2-Dibromoethane		1.0	U	0.54	1.0
Dichlorodifluoromethane		1.0	U *	0.42	1.0
Bromochloromethane		1.0	U	0.28	1.0
Bromodichloromethane		1.0	U	0.31	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 138
Toluene-d8 (Surr)	90		66 - 126
Bromofluorobenzene	97		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-VD-E (3.5-4)**

Lab Sample ID: 460-24277-29 Date Sampled: 03/18/2011 1250
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46735.d
Dilution:	1.0			Initial Weight/Volume:	5.35 g
Analysis Date:	03/29/2011 1106			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1715				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C11H24 Alkane	13.29	200	J
	Unknown	13.37	140	J
	C13H28 Alkane	13.52	410	J
	C13H26 Cycloalkane	13.80	220	J
	Unknown-2	13.87	220	J
	C14H30 Alkane	14.02	470	J
	Unknown-3	14.19	140	J
	C14H28 Cycloalkane	14.26	170	J
	C13H28 Alkane-2	14.79	120	J
	Unknown-5	15.05	240	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-WT-E (8-8.5)**

Lab Sample ID: 460-24277-30 Date Sampled: 03/18/2011 1255
Client Matrix: Solid % Moisture: 8.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46736.d
Dilution:	1.0			Initial Weight/Volume:	5.42 g
Analysis Date:	03/29/2011 1131			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1716				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.0	U	0.64	1.0
Bromomethane		1.0	U	0.41	1.0
Vinyl chloride		1.0	U	0.24	1.0
Chloroethane		1.0	U	0.40	1.0
Methylene Chloride		1.0	U	0.47	1.0
Acetone		17		3.7	10
Carbon disulfide		1.0	U	0.47	1.0
Trichlorofluoromethane		1.0	U	0.26	1.0
1,1-Dichloroethene		1.0	U	0.37	1.0
1,1-Dichloroethane		1.0	U	0.25	1.0
trans-1,2-Dichloroethene		1.0	U	0.28	1.0
cis-1,2-Dichloroethene		1.0	U	0.24	1.0
Chloroform		1.0	U	0.24	1.0
2-Butanone		7.5	J	0.57	10
1,2-Dichloroethane		1.0	U	0.39	1.0
1,1,1-Trichloroethane		1.0	U	0.19	1.0
Carbon tetrachloride		1.0	U	0.10	1.0
Benzene		1.0	U	0.75	1.0
Bromoform		1.0	U	0.71	1.0
Styrene		1.0	U	0.35	1.0
Ethylbenzene		1.4		0.19	1.0
Chlorobenzene		1.0	U	0.49	1.0
Cyclohexane		1.0	U	0.22	1.0
Isopropylbenzene		0.75	J	0.26	1.0
2-Hexanone		10	U	1.7	10
MTBE		1.0	U	0.35	1.0
Freon TF		1.0	U	0.48	1.0
Methyl acetate		1.0	U	0.90	1.0
1,4-Dioxane		50	U	4.2	50
Trichloroethene		1.0	U	0.37	1.0
Toluene		1.0	U	0.30	1.0
trans-1,3-Dichloropropene		1.0	U	0.22	1.0
4-Methyl-2-pentanone		3.0	J	0.72	10
cis-1,3-Dichloropropene		1.0	U	0.20	1.0
1,2-Dichlorobenzene		1.0	U	0.64	1.0
1,3-Dichlorobenzene		1.1		0.49	1.0
1,4-Dichlorobenzene		4.3		0.72	1.0
1,2,4-Trichlorobenzene		1.0	U	0.54	1.0
1,2,3-Trichlorobenzene		1.0	U	0.65	1.0
1,2-Dichloropropane		1.0	U	0.32	1.0
Methylcyclohexane		1.0	U	0.27	1.0
Tetrachloroethene		1.0	U	0.33	1.0
Xylenes, Total		4.6		0.79	3.0
1,2-Dibromo-3-Chloropropane		1.0	U	0.62	1.0
1,1,2,2-Tetrachloroethane		1.0	U	0.77	1.0
1,1,2-Trichloroethane		1.0	U	0.60	1.0

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-WT-E (8-8.5)**

Lab Sample ID: 460-24277-30 Date Sampled: 03/18/2011 1255
Client Matrix: Solid % Moisture: 8.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46736.d
Dilution:	1.0			Initial Weight/Volume:	5.42 g
Analysis Date:	03/29/2011 1131			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1716				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.0	U	0.56	1.0
1,2-Dibromoethane		1.0	U	0.52	1.0
Dichlorodifluoromethane		1.0	U *	0.41	1.0
Bromochloromethane		1.0	U	0.27	1.0
Bromodichloromethane		1.0	U	0.31	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		70 - 138
Toluene-d8 (Surr)	71		66 - 126
Bromofluorobenzene	75		72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-WT-E (8-8.5)**

Lab Sample ID: 460-24277-30 Date Sampled: 03/18/2011 1255
Client Matrix: Solid % Moisture: 8.4 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67904	Lab File ID:	o46736.d
Dilution:	1.0			Initial Weight/Volume:	5.42 g
Analysis Date:	03/29/2011 1131			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1716				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Decahydronaphthalene isomer	11.91	130	J
	Decahydromethylnaphthalene isomer-1	12.89	150	J
	Tetramethylbenzene isomer-1	13.30	300	J
	Unknown Aromatic	13.36	170	J
	Unknown	13.46	180	J
	C13H28 Alkane	13.52	430	J
	Unknown-1	13.80	140	J
	Unknown Cycloalkane	13.87	250	J
	Unknown Alkane	14.02	330	J
	2,3-dihydro-dimethyl-1H-Indene isomer-2	14.34	200	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-SI-E (10.5-11)**

Lab Sample ID: 460-24277-31 Date Sampled: 03/18/2011 1300
Client Matrix: Solid % Moisture: 14.6 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98668.d
Dilution:	50			Initial Weight/Volume:	11.49 g
Analysis Date:	03/25/2011 1533			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1606				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		25	U	5.4	25
Bromomethane		25	U	8.0	25
Vinyl chloride		25	U	3.1	25
Chloroethane		25	U	11	25
Methylene Chloride		25	U	4.9	25
Acetone		2400		63	250
Carbon disulfide		12	J	3.7	25
Trichlorofluoromethane		25	U	4.0	25
1,1-Dichloroethene		25	U	3.6	25
1,1-Dichloroethane		25	U	2.5	25
trans-1,2-Dichloroethene		25	U	3.5	25
cis-1,2-Dichloroethene		25	U	4.9	25
Chloroform		25	U	4.0	25
2-Butanone		470		21	250
1,2-Dichloroethane		25	U	6.3	25
1,1,1-Trichloroethane		25	U	6.3	25
Carbon tetrachloride		25	U	4.6	25
Benzene		40		3.0	25
Bromoform		25	U	2.5	25
Styrene		25	U	3.5	25
Ethylbenzene		160		6.3	25
Chlorobenzene		25	U	4.2	25
Cyclohexane		25	U	3.2	25
Isopropylbenzene		120		5.4	25
2-Hexanone		250	U	14	250
MTBE		25	U	4.7	25
Freon TF		25	U	7.3	25
Methyl acetate		51	U	8.4	51
1,4-Dioxane		1300	U	220	1300
Trichloroethene		25	U	4.5	25
Toluene		3.5	J	2.4	25
trans-1,3-Dichloropropene		25	U	3.1	25
4-Methyl-2-pentanone		250	U	17	250
cis-1,3-Dichloropropene		25	U	2.6	25
1,2-Dichlorobenzene		25	U	4.2	25
1,3-Dichlorobenzene		54		5.7	25
1,4-Dichlorobenzene		270		3.8	25
1,2,4-Trichlorobenzene		79		11	25
1,2,3-Trichlorobenzene		25	U	21	25
1,2-Dichloropropane		25	U	2.2	25
Methylcyclohexane		250		2.0	25
Tetrachloroethene		25	U	5.0	25
Xylenes, Total		650		11	76
1,2-Dibromo-3-Chloropropane		25	U	3.9	25
1,1,2,2-Tetrachloroethane		25	U	2.2	25
1,1,2-Trichloroethane		25	U	2.5	25

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-SI-E (10.5-11)**

Lab Sample ID: 460-24277-31 Date Sampled: 03/18/2011 1300
Client Matrix: Solid % Moisture: 14.6 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98668.d
Dilution:	50			Initial Weight/Volume:	11.49 g
Analysis Date:	03/25/2011 1533			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1606				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		25	U	2.6	25
1,2-Dibromoethane		25	U	2.3	25
Dichlorodifluoromethane		25	U	7.2	25
Bromochloromethane		25	U	4.4	25
Bromodichloromethane		25	U	2.3	25

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		57 - 135
Toluene-d8 (Surr)	71		46 - 130
Bromofluorobenzene	84		50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-SI-E (10.5-11)**

Lab Sample ID: 460-24277-31 Date Sampled: 03/18/2011 1300
Client Matrix: Solid % Moisture: 14.6 Date Received: 03/18/2011 1640

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-67903	Lab File ID:	j98668.d
Dilution:	50			Initial Weight/Volume:	11.49 g
Analysis Date:	03/25/2011 1533			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1606				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
95-63-6	1,2,4-Trimethylbenzene	13.34	3800	
	Methyl-methylethylbenzene isomer	13.61	5100	J
	Trimethylbenzene isomer	13.82	4100	J
	Methyl-methylethylbenzene isomer-1	14.09	6200	J
	Methyl-methylethylbenzene isomer-1	14.46	5200	J
	Ethyldimethylbenzene isomer	14.54	4600	J
	Coeluting Aromatics	14.73	10000	J
	Decahydromethylnaphthalene isomer	15.24	3900	J
	C10H12 Aromatic/C10H14 Aromatic	15.77	16000	J
	2,3-dihydro-dimethyl-1H-Indene isomer	16.48	6500	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-1 Date Sampled: 03/17/2011 1355
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15591.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/31/2011 0730			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	50	340
4-Methylphenol		340	U	57	340
Benzaldehyde		340	U	22	340
Acetophenone		340	U	51	340
Bis(2-chloroethyl)ether		34	U	7.2	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.6	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U	40	340
2-Nitrophenol		340	U	57	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		340	U	50	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		70	U	14	70
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	58	340
2-Methylnaphthalene		340	U *	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	62	340
2,4,5-Trichlorophenol		340	U	66	340
Diphenyl		340	U	57	340
2-Chloronaphthalene		340	U	49	340
2-Nitroaniline		700	U	94	700
2,6-Dinitrotoluene		70	U	8.8	70
Dimethyl phthalate		340	U	47	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		700	U	78	700
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	89	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	52	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	53	340
2,4-Dinitrotoluene		70	U	10	70
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		700	U *	71	700
4,6-Dinitro-2-methylphenol		1000	U	160	1000
4-Bromophenyl phenyl ether		340	U	61	340

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-1 Date Sampled: 03/17/2011 1355
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15591.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/31/2011 0730			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	61	340
Carbazole		340	U	55	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	60	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U	4.2	34
Benzo[a]anthracene		34	U	6.4	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	46	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.2	34
3,3'-Dichlorobenzidine		700	U	76	700
1,2,4,5-Tetrachlorobenzene		340	U	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		38 - 105
Phenol-d5	77		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	76		10 - 120
2-Fluorophenol	75		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-1 Date Sampled: 03/17/2011 1355
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15591.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/31/2011 0730			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-WT-E (8-8.5)**

Lab Sample ID: 460-24277-2 Date Sampled: 03/17/2011 1357
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69541	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	u66449.d
Dilution:	5.0			Initial Weight/Volume:	14.96 g
Analysis Date:	04/03/2011 2239			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1900	U	230	1900
2-Chlorophenol		1900	U	250	1900
2-Methylphenol		1900	U	270	1900
4-Methylphenol		1900	U	310	1900
Benzaldehyde		1900	U	120	1900
Acetophenone		1900	U	280	1900
Bis(2-chloroethyl)ether		190	U	39	190
2,2'-oxybis[1-chloropropane]		1900	U	250	1900
N-Nitrosodi-n-propylamine		190	U	25	190
Nitrobenzene		190	U	42	190
Hexachloroethane		190	U	32	190
Isophorone		1900	U	220	1900
2-Nitrophenol		1900	U	310	1900
2,4-Dimethylphenol		1900	U	300	1900
2,4-Dichlorophenol		1900	U	300	1900
Bis(2-chloroethoxy)methane		1900	U	270	1900
Naphthalene		1900	U	280	1900
4-Chloroaniline		1900	U	240	1900
Hexachlorobutadiene		380	U	77	380
Caprolactam		1900	U	260	1900
4-Chloro-3-methylphenol		1900	U	320	1900
2-Methylnaphthalene		14000	*	280	1900
Hexachlorobenzene		190	U	26	190
Hexachlorocyclopentadiene		1900	U	550	1900
2,4,6-Trichlorophenol		1900	U	340	1900
2,4,5-Trichlorophenol		1900	U	360	1900
Diphenyl		2000		310	1900
2-Chloronaphthalene		1900	U	270	1900
2-Nitroaniline		3800	U	520	3800
2,6-Dinitrotoluene		380	U	48	380
Dimethyl phthalate		1900	U	260	1900
Acenaphthylene		1900	U	270	1900
3-Nitroaniline		3800	U	430	3800
Acenaphthene		1900	U	270	1900
4-Nitrophenol		5700	U	490	5700
2,4-Dinitrophenol		5700	U	400	5700
Dibenzofuran		1900	U	280	1900
Diethyl phthalate		1900	U	250	1900
Fluorene		2500		320	1900
Fluoranthene		1900	U	320	1900
Di-n-butyl phthalate		1900	U	290	1900
2,4-Dinitrotoluene		380	U	55	380
4-Chlorophenyl phenyl ether		1900	U	330	1900
4-Nitroaniline		3800	U *	390	3800
4,6-Dinitro-2-methylphenol		5700	U	910	5700
4-Bromophenyl phenyl ether		1900	U	340	1900

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-WT-E (8-8.5)**

Lab Sample ID: 460-24277-2 Date Sampled: 03/17/2011 1357
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69541	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	u66449.d
Dilution:	5.0			Initial Weight/Volume:	14.96 g
Analysis Date:	04/03/2011 2239			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1900	U	350	1900
Anthracene		1900	U	330	1900
Carbazole		1900	U	300	1900
Phenanthrene		4400		330	1900
Pentachlorophenol		5700	U	930	5700
Pyrene		1900	U	330	1900
Chrysene		1900	U	280	1900
Benzo[k]fluoranthene		190	U	27	190
Benzo[g,h,i]perylene		1900	U	200	1900
Benzo[b]fluoranthene		190	U	28	190
Benzo[a]pyrene		190	U	23	190
Benzo[a]anthracene		190	U	35	190
N-Nitrosodiphenylamine		1900	U	310	1900
Butyl benzyl phthalate		1900	U	220	1900
Bis(2-ethylhexyl) phthalate		1900	U	250	1900
Di-n-octyl phthalate		1900	U	230	1900
Indeno[1,2,3-cd]pyrene		190	U	30	190
Dibenz(a,h)anthracene		190	U	23	190
3,3'-Dichlorobenzidine		3800	U	420	3800
1,2,4,5-Tetrachlorobenzene		1900	U	250	1900
2,3,4,6-Tetrachlorophenol		1900	U	380	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	144	X	38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	71		16 - 151
2,4,6-Tribromophenol	77		10 - 120
2-Fluorophenol	80		37 - 125
2-Fluorobiphenyl	103		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-WT-E (8-8.5)**

Lab Sample ID: 460-24277-2 Date Sampled: 03/17/2011 1357
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69541	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	u66449.d
Dilution:	5.0			Initial Weight/Volume:	14.96 g
Analysis Date:	04/03/2011 2239			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.00	34000	J
	Unknown Alkane-2	5.69	65000	J
	Unknown Alkane-3	5.77	24000	J
	Unknown Alkane-4	6.14	38000	J
	Unknown Alkane-5	6.31	55000	J
	Unknown Alkane-6	6.74	70000	J
	Unknown Alkane-7	6.89	160000	J
575-41-7	1,3-Dimethylnaphthalene	7.10	33000	
	Unknown Alkane-8	7.13	42000	J
	Unknown Alkane-9	7.20	120000	J
	Unknown Alkane-10	7.41	140000	J
	Unknown-1	7.71	47000	J
	Unknown Alkane-11	7.90	110000	J
	Unknown Alkane-12	8.10	86000	J
	Unknown Alkane-13	8.36	150000	J
	Unknown-2	8.38	59000	J
593-45-3	n-Octadecane	8.79	98000	E
	Trichloro-1,1-biphenyl isomer	8.82	48000	J
	Unknown Alkane-14	9.20	67000	J
	Unknown Alkane-15	9.59	41000	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-SIE (10.5-11)**

Lab Sample ID: 460-24277-3 Date Sampled: 03/17/2011 1400
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69325	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15647.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Analysis Date:	04/01/2011 1819			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	46	370
2-Chlorophenol		370	U	50	370
2-Methylphenol		370	U	54	370
4-Methylphenol		370	U	61	370
Benzaldehyde		370	U	23	370
Acetophenone		370	U	55	370
Bis(2-chloroethyl)ether		37	U	7.8	37
2,2'-oxybis[1-chloropropane]		370	U	49	370
N-Nitrosodi-n-propylamine		37	U	4.9	37
Nitrobenzene		37	U	8.4	37
Hexachloroethane		37	U	6.3	37
Isophorone		370	U	43	370
2-Nitrophenol		370	U	61	370
2,4-Dimethylphenol		370	U	60	370
2,4-Dichlorophenol		370	U	60	370
Bis(2-chloroethoxy)methane		370	U	53	370
Naphthalene		370	U	55	370
4-Chloroaniline		370	U	47	370
Hexachlorobutadiene		76	U	15	76
Caprolactam		370	U	51	370
4-Chloro-3-methylphenol		370	U	63	370
2-Methylnaphthalene		430	*	55	370
Hexachlorobenzene		37	U	5.2	37
Hexachlorocyclopentadiene		370	U	110	370
2,4,6-Trichlorophenol		370	U	67	370
2,4,5-Trichlorophenol		370	U	72	370
Diphenyl		370	U	62	370
2-Chloronaphthalene		370	U	53	370
2-Nitroaniline		760	U	100	760
2,6-Dinitrotoluene		76	U	9.5	76
Dimethyl phthalate		370	U	50	370
Acenaphthylene		370	U	53	370
3-Nitroaniline		760	U	84	760
Acenaphthene		370	U	53	370
4-Nitrophenol		1100	U	96	1100
2,4-Dinitrophenol		1100	U	79	1100
Dibenzofuran		370	U	56	370
Diethyl phthalate		370	U	50	370
Fluorene		76	J	63	370
Fluoranthene		370	U	62	370
Di-n-butyl phthalate		370	U	57	370
2,4-Dinitrotoluene		76	U	11	76
4-Chlorophenyl phenyl ether		370	U	64	370
4-Nitroaniline		760	U *	77	760
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		370	U	67	370

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-SIE (10.5-11)**

Lab Sample ID: 460-24277-3 Date Sampled: 03/17/2011 1400
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69325	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15647.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Analysis Date:	04/01/2011 1819			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		370	U	70	370
Anthracene		370	U	66	370
Carbazole		370	U	59	370
Phenanthrene		130	J	65	370
Pentachlorophenol		1100	U	180	1100
Pyrene		370	U	65	370
Chrysene		370	U	54	370
Benzo[k]fluoranthene		37	U	5.2	37
Benzo[g,h,i]perylene		370	U	39	370
Benzo[b]fluoranthene		37	U	5.6	37
Benzo[a]pyrene		37	U	4.6	37
Benzo[a]anthracene		37	U	6.9	37
N-Nitrosodiphenylamine		370	U	61	370
Butyl benzyl phthalate		370	U	44	370
Bis(2-ethylhexyl) phthalate		370	U	50	370
Di-n-octyl phthalate		370	U	44	370
Indeno[1,2,3-cd]pyrene		37	U	6.0	37
Dibenz(a,h)anthracene		37	U	4.5	37
3,3'-Dichlorobenzidine		760	U	83	760
1,2,4,5-Tetrachlorobenzene		370	U	50	370
2,3,4,6-Tetrachlorophenol		370	U	75	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		38 - 105
Phenol-d5	84		41 - 118
Terphenyl-d14	83		16 - 151
2,4,6-Tribromophenol	96		10 - 120
2-Fluorophenol	78		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-SIE (10.5-11)**

Lab Sample ID: 460-24277-3 Date Sampled: 03/17/2011 1400
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69325	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15647.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Analysis Date:	04/01/2011 1819			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C11H24 Alkane	3.06	910	J
	C12H26 Alkane	3.82	1900	J
	Unknown Alkane	4.29	1200	J
	C13H28 Alkane	4.46	2800	J
	Unknown Alkane-2	4.90	1700	J
	C14H30 Alkane	5.04	3700	J
	Dimethylnaphthalene isomer-1	5.07	840	J
575-41-7	1,3-Dimethylnaphthalene	5.14	800	
	Unknown Alkane-3	5.36	1900	J
	Decahydropentamethylnaphthalene isomer-1	5.37	840	J
	C15H32 Alkane	5.56	4000	J
	Trimethylnaphthalene isomer-2	5.79	1000	J
2883-02-5	n-Nonylcyclohexane	5.82	870	J N
	C16H34 Alkane	6.05	4100	J
	Unknown Alkane-4	6.27	2200	J
	Unknown Alkane-11	6.52	6100	J
	Unknown Alkane-5	6.95	2300	J
	Unknown-1	6.97	1200	J
	C19H40 Alkane	7.36	1200	J
10544-50-0	Cyclic octaatomic sulfur	7.99	2800	J N

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (3.5-4)**

Lab Sample ID: 460-24277-4 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 3.8 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69325	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15648.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	04/01/2011 1841			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	49	340
4-Methylphenol		340	U	56	340
Benzaldehyde		340	U	21	340
Acetophenone		100	J	51	340
Bis(2-chloroethyl)ether		34	U	7.2	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.5	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U	39	340
2-Nitrophenol		340	U	56	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		85	J	50	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		70	U	14	70
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	58	340
2-Methylnaphthalene		110	J *	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	61	340
2,4,5-Trichlorophenol		340	U	66	340
Diphenyl		340	U	57	340
2-Chloronaphthalene		340	U	48	340
2-Nitroaniline		700	U	94	700
2,6-Dinitrotoluene		70	U	8.7	70
Dimethyl phthalate		340	U	46	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		700	U	78	700
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	88	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	52	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	53	340
2,4-Dinitrotoluene		70	U	10	70
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		700	U *	71	700
4,6-Dinitro-2-methylphenol		1000	U	160	1000
4-Bromophenyl phenyl ether		340	U	61	340

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (3.5-4)**

Lab Sample ID: 460-24277-4 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 3.8 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69325	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15648.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	04/01/2011 1841			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	61	340
Carbazole		340	U	55	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	59	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U	4.2	34
Benzo[a]anthracene		34	U	6.4	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	46	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.1	34
3,3'-Dichlorobenzidine		700	U	76	700
1,2,4,5-Tetrachlorobenzene		340	U	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		38 - 105
Phenol-d5	84		41 - 118
Terphenyl-d14	75		16 - 151
2,4,6-Tribromophenol	90		10 - 120
2-Fluorophenol	78		37 - 125
2-Fluorobiphenyl	82		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (3.5-4)**

Lab Sample ID: 460-24277-4 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 3.8 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69325	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15648.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	04/01/2011 1841			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C13H28 Alkane	4.47	1100	J
	Unknown Alkane-3	4.90	1800	J
	C14H30 Alkane	5.05	1700	J
	Unknown-1	5.19	1200	J
	Unknown Alkane-4	5.30	980	J
	Unknown Alkane-5	5.36	2000	J
	Decahydropentamethylnaphthalene isomer	5.39	1300	J
	C15H32 Alkane	5.57	1700	J
	Unknown Alkane-6	5.80	1500	J
	Unknown-2	5.83	1200	J
	Unknown Alkane-7	5.88	2100	J
	C16H34 Alkane	6.06	2500	J
	Unknown Alkane-8	6.27	5100	J
	Unknown-4	6.32	1300	J
	C17H36 Alkane	6.53	8400	J
	Unknown Alkane-9	6.96	4200	J
	Unknown Alkane-10	6.99	5100	J
	Unknown-5	7.12	1600	J
	Unknown Alkane-11	7.37	2700	J
	Unknown Alkane-12	7.76	1900	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (8-8.5)**

Lab Sample ID: 460-24277-5 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69541	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	u66447.d
Dilution:	10			Initial Weight/Volume:	15.02 g
Analysis Date:	04/03/2011 2156			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		3500	U	430	3500
2-Chlorophenol		3500	U	470	3500
2-Methylphenol		3500	U	500	3500
4-Methylphenol		3500	U	570	3500
Benzaldehyde		3500	U	220	3500
Acetophenone		3500	U	520	3500
Bis(2-chloroethyl)ether		350	U	73	350
2,2'-oxybis[1-chloropropane]		3500	U	460	3500
N-Nitrosodi-n-propylamine		350	U	46	350
Nitrobenzene		350	U	78	350
Hexachloroethane		350	U	59	350
Isophorone		3500	U	400	3500
2-Nitrophenol		3500	U	580	3500
2,4-Dimethylphenol		3500	U	560	3500
2,4-Dichlorophenol		3500	U	560	3500
Bis(2-chloroethoxy)methane		3500	U	500	3500
Naphthalene		14000		510	3500
4-Chloroaniline		3500	U	440	3500
Hexachlorobutadiene		710	U	140	710
Caprolactam		3500	U	480	3500
4-Chloro-3-methylphenol		3500	U	590	3500
2-Methylnaphthalene		42000	*	510	3500
Hexachlorobenzene		350	U	49	350
Hexachlorocyclopentadiene		3500	U	1000	3500
2,4,6-Trichlorophenol		3500	U	630	3500
2,4,5-Trichlorophenol		3500	U	670	3500
Diphenyl		3500	U	580	3500
2-Chloronaphthalene		3500	U	490	3500
2-Nitroaniline		7100	U	960	7100
2,6-Dinitrotoluene		710	U	89	710
Dimethyl phthalate		3500	U	470	3500
Acenaphthylene		3500	U	500	3500
3-Nitroaniline		7100	U	790	7100
Acenaphthene		2800	J	500	3500
4-Nitrophenol		11000	U	900	11000
2,4-Dinitrophenol		11000	U	740	11000
Dibenzofuran		3500	U	530	3500
Diethyl phthalate		3500	U	470	3500
Fluorene		2800	J	590	3500
Fluoranthene		3500	U	580	3500
Di-n-butyl phthalate		3500	U	540	3500
2,4-Dinitrotoluene		710	U	100	710
4-Chlorophenyl phenyl ether		3500	U	600	3500
4-Nitroaniline		7100	U *	720	7100
4,6-Dinitro-2-methylphenol		11000	U	1700	11000
4-Bromophenyl phenyl ether		3500	U	620	3500

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (8-8.5)**

Lab Sample ID: 460-24277-5 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69541	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	u66447.d
Dilution:	10			Initial Weight/Volume:	15.02 g
Analysis Date:	04/03/2011 2156			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		3500	U	650	3500
Anthracene		3500	U	620	3500
Carbazole		3500	U	560	3500
Phenanthrene		5700		610	3500
Pentachlorophenol		11000	U	1700	11000
Pyrene		3500	U	610	3500
Chrysene		3500	U	510	3500
Benzo[k]fluoranthene		350	U	49	350
Benzo[g,h,i]perylene		3500	U	370	3500
Benzo[b]fluoranthene		350	U	52	350
Benzo[a]pyrene		350	U	43	350
Benzo[a]anthracene		350	U	65	350
N-Nitrosodiphenylamine		3500	U	570	3500
Butyl benzyl phthalate		3500	U	410	3500
Bis(2-ethylhexyl) phthalate		3500	U	460	3500
Di-n-octyl phthalate		3500	U	420	3500
Indeno[1,2,3-cd]pyrene		350	U	56	350
Dibenz(a,h)anthracene		350	U	42	350
3,3'-Dichlorobenzidine		7100	U	780	7100
1,2,4,5-Tetrachlorobenzene		3500	U	470	3500
2,3,4,6-Tetrachlorophenol		3500	U	700	3500

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	0		38 - 105
Phenol-d5	0		41 - 118
Terphenyl-d14	0		16 - 151
2,4,6-Tribromophenol	0		10 - 120
2-Fluorophenol	0		37 - 125
2-Fluorobiphenyl	0		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (8-8.5)**

Lab Sample ID: 460-24277-5 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69541	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	u66447.d
Dilution:	10			Initial Weight/Volume:	15.02 g
Analysis Date:	04/03/2011 2156			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.00	39000	J
	Unknown Alkane-2	5.76	35000	J
	Unknown Cycloalkane-1	5.98	20000	J
	Unknown Alkane-3	6.12	43000	J
	Unknown Alkane-4	6.30	60000	J
90-12-0	1-Methylnaphthalene	6.48	26000	
	Unknown Alkane-5	6.73	33000	J
	Unknown Alkane-6	6.87	74000	J
575-41-7	1,3-Dimethylnaphthalene	7.09	36000	
	Unknown Alkane-7	7.18	57000	J
	Unknown Alkane-8	7.39	62000	J
	Trimethylnaphthalene isomer-1	7.62	21000	J
	Unknown	7.70	21000	J
	Unknown Alkane-9	7.88	55000	J
	Unknown Alkane-10	8.10	49000	J
	Unknown Alkane-11	8.35	120000	J
	Unknown Alkane-12	8.36	100000	J
593-45-3	n-Octadecane	8.78	38000	
	Unknown Alkane-13	8.82	70000	J
	Trichloro-1,1-biphenyl isomer	9.23	38000	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (10.5-11)**

Lab Sample ID: 460-24277-6 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 13.3 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69325	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15645.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/01/2011 1735			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	47	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	62	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	56	380
Bis(2-chloroethyl)ether		38	U	7.9	38
2,2'-oxybis[1-chloropropane]		380	U	50	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.5	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	44	380
2-Nitrophenol		380	U	63	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		2700		56	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		77	U	15	77
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		6700	*	56	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	73	380
Diphenyl		380	U	63	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		770	U	100	770
2,6-Dinitrotoluene		77	U	9.7	77
Dimethyl phthalate		380	U	51	380
Acenaphthylene		380	U	54	380
3-Nitroaniline		770	U	86	770
Acenaphthene		570		54	380
4-Nitrophenol		1200	U	98	1200
2,4-Dinitrophenol		1200	U	81	1200
Dibenzofuran		380	U	57	380
Diethyl phthalate		380	U	51	380
Fluorene		790		64	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		77	U	11	77
4-Chlorophenyl phenyl ether		380	U	65	380
4-Nitroaniline		770	U *	79	770
4,6-Dinitro-2-methylphenol		1200	U	180	1200
4-Bromophenyl phenyl ether		380	U	68	380

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (10.5-11)**

Lab Sample ID: 460-24277-6 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 13.3 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69325	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15645.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/01/2011 1735			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	71	380
Anthracene		380	U	67	380
Carbazole		380	U	61	380
Phenanthrene		1400		66	380
Pentachlorophenol		1200	U	190	1200
Pyrene		99	J	66	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.7	38
Benzo[a]pyrene		38	U	4.7	38
Benzo[a]anthracene		38	U	7.0	38
N-Nitrosodiphenylamine		380	U	62	380
Butyl benzyl phthalate		380	U	44	380
Bis(2-ethylhexyl) phthalate		380	U	50	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
3,3'-Dichlorobenzidine		770	U	84	770
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	76	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	76		16 - 151
2,4,6-Tribromophenol	85		10 - 120
2-Fluorophenol	73		37 - 125
2-Fluorobiphenyl	76		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (10.5-11)**

Lab Sample ID: 460-24277-6 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 13.3 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69325	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15645.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/01/2011 1735			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	C11H24 Alkane	3.08	10000	J
	C10H14 Aromatic	3.19	3300	J
	Decahydromethylnaphthalene isomer-1	3.30	3500	J
	C12H26 Alkane	3.85	8600	J
	Unknown Alkane-1	3.93	5000	J
	Unknown-2	4.26	3400	J
	Unknown Alkane-2	4.32	6100	J
	C13H28 Alkane	4.49	5700	J
90-12-0	1-Methylnaphthalene	4.55	4700	
	Unknown Alkane-3	4.93	9300	J
	Ethylnaphthalene isomer-1	5.03	3600	J
	Dimethylnaphthalene isomer-1	5.10	3800	J
575-41-7	1,3-Dimethylnaphthalene	5.18	10000	E
	Dimethylnaphthalene isomer-2	5.20	4800	J
	C15H32 Alkane	5.59	3800	J
	Trimethylnaphthalene isomer-1	5.76	4000	J
	Trimethylnaphthalene isomer-2	5.82	5200	J
	Unknown-3	5.85	3600	J
	C16H34 Alkane	6.07	7000	J
	Unknown Alkane-4	6.29	4000	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-7 Date Sampled: 03/17/2011 1430
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66384.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/30/2011 1249			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	49	340
4-Methylphenol		340	U	56	340
Benzaldehyde		340	U	21	340
Acetophenone		340	U	51	340
Bis(2-chloroethyl)ether		34	U	7.2	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.5	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U *	39	340
2-Nitrophenol		340	U	56	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		340	U	50	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		70	U	14	70
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	58	340
2-Methylnaphthalene		340	U	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	61	340
2,4,5-Trichlorophenol		340	U	66	340
Diphenyl		340	U	57	340
2-Chloronaphthalene		340	U	48	340
2-Nitroaniline		700	U	94	700
2,6-Dinitrotoluene		70	U	8.7	70
Dimethyl phthalate		340	U	46	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		700	U	78	700
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	88	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	52	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	53	340
2,4-Dinitrotoluene		70	U	10	70
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		700	U	71	700
4,6-Dinitro-2-methylphenol		1000	U	160	1000
4-Bromophenyl phenyl ether		340	U	61	340

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-7 Date Sampled: 03/17/2011 1430
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66384.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/30/2011 1249			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	61	340
Carbazole		340	U	55	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	59	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U *	4.2	34
Benzo[a]anthracene		34	U	6.4	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	46	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.1	34
3,3'-Dichlorobenzidine		700	U	76	700
1,2,4,5-Tetrachlorobenzene		340	U	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	72		38 - 105
Phenol-d5	77		41 - 118
Terphenyl-d14	111		16 - 151
2,4,6-Tribromophenol	38		10 - 120
2-Fluorophenol	69		37 - 125
2-Fluorobiphenyl	82		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-7 Date Sampled: 03/17/2011 1430
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66384.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/30/2011 1249			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-8 Date Sampled: 03/17/2011 1435
Client Matrix: Solid % Moisture: 9.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66387.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/30/2011 1348			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		730	U	89	730
2-Chlorophenol		730	U	98	730
2-Methylphenol		730	U	110	730
4-Methylphenol		730	U	120	730
Benzaldehyde		730	U	46	730
Acetophenone		730	U	110	730
Bis(2-chloroethyl)ether		73	U	15	73
2,2'-oxybis[1-chloropropane]		730	U	96	730
N-Nitrosodi-n-propylamine		73	U	9.6	73
Nitrobenzene		73	U	16	73
Hexachloroethane		73	U	12	73
Isophorone		730	U *	84	730
2-Nitrophenol		730	U	120	730
2,4-Dimethylphenol		730	U	120	730
2,4-Dichlorophenol		730	U	120	730
Bis(2-chloroethoxy)methane		730	U	100	730
Naphthalene		730	U	110	730
4-Chloroaniline		730	U	92	730
Hexachlorobutadiene		150	U	30	150
Caprolactam		730	U	100	730
4-Chloro-3-methylphenol		730	U	120	730
2-Methylnaphthalene		730	U	110	730
Hexachlorobenzene		73	U	10	73
Hexachlorocyclopentadiene		730	U	210	730
2,4,6-Trichlorophenol		730	U	130	730
2,4,5-Trichlorophenol		730	U	140	730
Diphenyl		730	U	120	730
2-Chloronaphthalene		730	U	100	730
2-Nitroaniline		1500	U	200	1500
2,6-Dinitrotoluene		150	U	19	150
Dimethyl phthalate		730	U	99	730
Acenaphthylene		730	U	100	730
3-Nitroaniline		1500	U	170	1500
Acenaphthene		730	U	100	730
4-Nitrophenol		2200	U	190	2200
2,4-Dinitrophenol		2200	U	150	2200
Dibenzofuran		730	U	110	730
Diethyl phthalate		730	U	98	730
Fluorene		730	U	120	730
Fluoranthene		730	U	120	730
Di-n-butyl phthalate		730	U	110	730
2,4-Dinitrotoluene		150	U	21	150
4-Chlorophenyl phenyl ether		730	U	130	730
4-Nitroaniline		1500	U	150	1500
4,6-Dinitro-2-methylphenol		2200	U	350	2200
4-Bromophenyl phenyl ether		730	U	130	730

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-8 Date Sampled: 03/17/2011 1435
Client Matrix: Solid % Moisture: 9.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66387.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/30/2011 1348			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		730	U	140	730
Anthracene		730	U	130	730
Carbazole		730	U	120	730
Phenanthrene		730	U	130	730
Pentachlorophenol		2200	U	360	2200
Pyrene		330	J	130	730
Chrysene		730	U	110	730
Benzo[k]fluoranthene		73	U	10	73
Benzo[g,h,i]perylene		730	U	77	730
Benzo[b]fluoranthene		73	U	11	73
Benzo[a]pyrene		73	U *	9.0	73
Benzo[a]anthracene		73	U	14	73
N-Nitrosodiphenylamine		730	U	120	730
Butyl benzyl phthalate		730	U	85	730
Bis(2-ethylhexyl) phthalate		730	U	97	730
Di-n-octyl phthalate		730	U	87	730
Indeno[1,2,3-cd]pyrene		73	U	12	73
Dibenz(a,h)anthracene		73	U	8.8	73
3,3'-Dichlorobenzidine		1500	U	160	1500
1,2,4,5-Tetrachlorobenzene		730	U	98	730
2,3,4,6-Tetrachlorophenol		730	U	150	730

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	61		38 - 105
Phenol-d5	71		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	42		10 - 120
2-Fluorophenol	60		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-8 Date Sampled: 03/17/2011 1435
Client Matrix: Solid % Moisture: 9.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66387.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/30/2011 1348			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	4.97	13000	J
	Unknown Alkane-2	5.15	22000	J
	Unknown-1	5.43	5100	J
	Unknown Alkane-3	5.58	7400	J
	Unknown Alkane-4	5.73	23000	J
	Unknown-2	5.97	5300	J
	Unknown Alkane-5	6.04	17000	J
	Unknown-3	6.12	6000	J
	Unknown Alkane-6	6.26	23000	J
	Unknown Alkane-7	6.47	5000	J
	Unknown Cycloalkane	6.53	7000	J
	Unknown Alkane-8	6.55	5600	J
	Unknown Alkane-9	6.74	22000	J
	Unknown Alkane-10	6.95	4900	J
	Unknown Alkane-11	7.22	11000	J
	Unknown Alkane-12	7.38	1700	J
593-45-3	n-Octadecane	7.63	62000	E
	Unknown-5	7.66	2400	J
	Unknown Alkane-13	8.04	3700	J
	Unknown Alkane-14	8.42	2800	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST1-E (15-15.5)**

Lab Sample ID: 460-24277-9 Date Sampled: 03/17/2011 1440
Client Matrix: Solid % Moisture: 15.2 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66367.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 0705			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		390	U	48	390
2-Chlorophenol		390	U	52	390
2-Methylphenol		390	U	56	390
4-Methylphenol		390	U	64	390
Benzaldehyde		390	U	24	390
Acetophenone		390	U	58	390
Bis(2-chloroethyl)ether		39	U	8.1	39
2,2'-oxybis[1-chloropropane]		390	U	51	390
N-Nitrosodi-n-propylamine		39	U	5.1	39
Nitrobenzene		39	U	8.7	39
Hexachloroethane		39	U	6.6	39
Isophorone		390	U *	45	390
2-Nitrophenol		390	U	64	390
2,4-Dimethylphenol		390	U	62	390
2,4-Dichlorophenol		390	U	62	390
Bis(2-chloroethoxy)methane		390	U	56	390
Naphthalene		450		57	390
4-Chloroaniline		390	U	49	390
Hexachlorobutadiene		79	U	16	79
Caprolactam		390	U	53	390
4-Chloro-3-methylphenol		390	U	65	390
2-Methylnaphthalene		450		57	390
Hexachlorobenzene		39	U	5.4	39
Hexachlorocyclopentadiene		390	U	110	390
2,4,6-Trichlorophenol		390	U	70	390
2,4,5-Trichlorophenol		390	U	75	390
Diphenyl		180	J	64	390
2-Chloronaphthalene		390	U	55	390
2-Nitroaniline		790	U	110	790
2,6-Dinitrotoluene		79	U	9.9	79
Dimethyl phthalate		390	U	53	390
Acenaphthylene		390	U	56	390
3-Nitroaniline		790	U	88	790
Acenaphthene		390	U	55	390
4-Nitrophenol		1200	U	100	1200
2,4-Dinitrophenol		1200	U	83	1200
Dibenzofuran		390	U	59	390
Diethyl phthalate		390	U	52	390
Fluorene		390	U	66	390
Fluoranthene		390	U	65	390
Di-n-butyl phthalate		390	U	60	390
2,4-Dinitrotoluene		79	U	11	79
4-Chlorophenyl phenyl ether		390	U	67	390
4-Nitroaniline		790	U	80	790
4,6-Dinitro-2-methylphenol		1200	U	190	1200
4-Bromophenyl phenyl ether		390	U	69	390

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST1-E (15-15.5)**

Lab Sample ID: 460-24277-9 Date Sampled: 03/17/2011 1440
Client Matrix: Solid % Moisture: 15.2 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66367.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 0705			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		390	U	73	390
Anthracene		390	U	69	390
Carbazole		390	U	62	390
Phenanthrene		450		68	390
Pentachlorophenol		1200	U	190	1200
Pyrene		72	J	67	390
Chrysene		390	U	57	390
Benzo[k]fluoranthene		39	U	5.5	39
Benzo[g,h,i]perylene		390	U	41	390
Benzo[b]fluoranthene		39	U	5.8	39
Benzo[a]pyrene		39	U *	4.8	39
Benzo[a]anthracene		39	U	7.2	39
N-Nitrosodiphenylamine		390	U	64	390
Butyl benzyl phthalate		390	U	45	390
Bis(2-ethylhexyl) phthalate		390	U	52	390
Di-n-octyl phthalate		390	U	46	390
Indeno[1,2,3-cd]pyrene		39	U	6.2	39
Dibenz(a,h)anthracene		39	U	4.7	39
3,3'-Dichlorobenzidine		790	U	86	790
1,2,4,5-Tetrachlorobenzene		390	U	52	390
2,3,4,6-Tetrachlorophenol		390	U	78	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	104		10 - 120
2-Fluorophenol	72		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST1-E (15-15.5)**

Lab Sample ID: 460-24277-9 Date Sampled: 03/17/2011 1440
Client Matrix: Solid % Moisture: 15.2 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66367.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 0705			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	4.49	1600	J
	Unknown Alkane-2	4.57	1700	J
	Unknown Alkane-3	4.94	2900	J
	Unknown Alkane-4	5.11	2400	J
	Unknown Alkane-5	5.40	2200	J
	Unknown Alkane-6	5.55	1900	J
	Unknown Alkane-7	5.69	4000	J
	Dimethylnaphthalene isomer	5.77	1500	J
575-41-7	1,3-Dimethylnaphthalene	5.85	1800	
	Unknown-2	5.87	2000	J
	Unknown Alkane-8	6.00	3800	J
	Unknown-3	6.08	1900	J
	Unknown Alkane-9	6.20	3100	J
	Trimethylnaphthalene isomer-1	6.30	1700	J
	Trimethylnaphthalene isomer-2	6.43	1700	J
	Trimethylnaphthalene isomer-3	6.50	1900	J
	Trimethylnaphthalene isomer-4	6.52	1600	J
	Unknown Alkane-10	6.70	2800	J
	Unknown Alkane-11	6.91	2700	J
	Unknown Alkane-12	7.17	5300	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST2-E (23.5-24)**

Lab Sample ID: 460-24277-10 Date Sampled: 03/17/2011 1445
Client Matrix: Solid % Moisture: 16.5 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66368.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/30/2011 0725			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		400	U	49	400
2-Chlorophenol		400	U	53	400
2-Methylphenol		400	U	57	400
4-Methylphenol		400	U	65	400
Benzaldehyde		400	U	25	400
Acetophenone		400	U	59	400
Bis(2-chloroethyl)ether		40	U	8.3	40
2,2'-oxybis[1-chloropropane]		400	U	52	400
N-Nitrosodi-n-propylamine		40	U	5.2	40
Nitrobenzene		40	U	8.9	40
Hexachloroethane		40	U	6.7	40
Isophorone		400	U *	46	400
2-Nitrophenol		400	U	65	400
2,4-Dimethylphenol		400	U	64	400
2,4-Dichlorophenol		400	U	64	400
Bis(2-chloroethoxy)methane		400	U	57	400
Naphthalene		400	U	58	400
4-Chloroaniline		400	U	50	400
Hexachlorobutadiene		80	U	16	80
Caprolactam		400	U	54	400
4-Chloro-3-methylphenol		400	U	67	400
2-Methylnaphthalene		400	U	58	400
Hexachlorobenzene		40	U	5.5	40
Hexachlorocyclopentadiene		400	U	120	400
2,4,6-Trichlorophenol		400	U	71	400
2,4,5-Trichlorophenol		400	U	76	400
Diphenyl		400	U	65	400
2-Chloronaphthalene		400	U	56	400
2-Nitroaniline		800	U	110	800
2,6-Dinitrotoluene		80	U	10	80
Dimethyl phthalate		400	U	54	400
Acenaphthylene		400	U	57	400
3-Nitroaniline		800	U	90	800
Acenaphthene		400	U	56	400
4-Nitrophenol		1200	U	100	1200
2,4-Dinitrophenol		1200	U	84	1200
Dibenzofuran		400	U	60	400
Diethyl phthalate		400	U	53	400
Fluorene		400	U	67	400
Fluoranthene		400	U	66	400
Di-n-butyl phthalate		400	U	61	400
2,4-Dinitrotoluene		80	U	12	80
4-Chlorophenyl phenyl ether		400	U	68	400
4-Nitroaniline		800	U	82	800
4,6-Dinitro-2-methylphenol		1200	U	190	1200
4-Bromophenyl phenyl ether		400	U	71	400

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST2-E (23.5-24)**

Lab Sample ID: 460-24277-10 Date Sampled: 03/17/2011 1445
Client Matrix: Solid % Moisture: 16.5 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66368.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/30/2011 0725			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		400	U	74	400
Anthracene		400	U	70	400
Carbazole		400	U	63	400
Phenanthrene		400	U	69	400
Pentachlorophenol		1200	U	190	1200
Pyrene		400	U	69	400
Chrysene		400	U	58	400
Benzo[k]fluoranthene		40	U	5.5	40
Benzo[g,h,i]perylene		400	U	42	400
Benzo[b]fluoranthene		40	U	5.9	40
Benzo[a]pyrene		40	U *	4.9	40
Benzo[a]anthracene		40	U	7.3	40
N-Nitrosodiphenylamine		400	U	65	400
Butyl benzyl phthalate		400	U	46	400
Bis(2-ethylhexyl) phthalate		400	U	53	400
Di-n-octyl phthalate		400	U	47	400
Indeno[1,2,3-cd]pyrene		40	U	6.3	40
Dibenz(a,h)anthracene		40	U	4.8	40
3,3'-Dichlorobenzidine		800	U	88	800
1,2,4,5-Tetrachlorobenzene		400	U	53	400
2,3,4,6-Tetrachlorophenol		400	U	79	400

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	66		38 - 105
Phenol-d5	74		41 - 118
Terphenyl-d14	96		16 - 151
2,4,6-Tribromophenol	76		10 - 120
2-Fluorophenol	67		37 - 125
2-Fluorobiphenyl	68		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST2-E (23.5-24)**

Lab Sample ID: 460-24277-10 Date Sampled: 03/17/2011 1445
Client Matrix: Solid % Moisture: 16.5 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66368.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/30/2011 0725			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-VD-E (3.5-4)**

Lab Sample ID: 460-24277-11 Date Sampled: 03/17/2011 1600
Client Matrix: Solid % Moisture: 3.9 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66373.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/30/2011 0913			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	50	340
4-Methylphenol		340	U	56	340
Benzaldehyde		340	U	22	340
Acetophenone		340	U	51	340
Bis(2-chloroethyl)ether		34	U	7.2	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.5	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U *	40	340
2-Nitrophenol		340	U	57	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		340	U	50	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		70	U	14	70
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	58	340
2-Methylnaphthalene		340	U	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	62	340
2,4,5-Trichlorophenol		340	U	66	340
Diphenyl		340	U	57	340
2-Chloronaphthalene		340	U	49	340
2-Nitroaniline		700	U	94	700
2,6-Dinitrotoluene		70	U	8.7	70
Dimethyl phthalate		340	U	47	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		700	U	78	700
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	88	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	52	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	53	340
2,4-Dinitrotoluene		70	U	10	70
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		700	U	71	700
4,6-Dinitro-2-methylphenol		1000	U	160	1000
4-Bromophenyl phenyl ether		340	U	61	340

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-VD-E (3.5-4)**

Lab Sample ID: 460-24277-11 Date Sampled: 03/17/2011 1600
Client Matrix: Solid % Moisture: 3.9 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66373.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/30/2011 0913			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	61	340
Carbazole		340	U	55	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	60	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U *	4.2	34
Benzo[a]anthracene		34	U	6.4	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	46	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.1	34
3,3'-Dichlorobenzidine		700	U	76	700
1,2,4,5-Tetrachlorobenzene		340	U	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	72		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	99		16 - 151
2,4,6-Tribromophenol	59		10 - 120
2-Fluorophenol	69		37 - 125
2-Fluorobiphenyl	80		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-VD-E (3.5-4)**

Lab Sample ID: 460-24277-11 Date Sampled: 03/17/2011 1600
Client Matrix: Solid % Moisture: 3.9 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68798	Lab File ID:	u66373.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/30/2011 0913			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-12 Date Sampled: 03/17/2011 1605
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10119.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/30/2011 0913			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		360	U	45	360
2-Chlorophenol		360	U	49	360
2-Methylphenol		360	U	53	360
4-Methylphenol		360	U	60	360
Benzaldehyde		360	U	23	360
Acetophenone		360	U	54	360
Bis(2-chloroethyl)ether		36	U	7.6	36
2,2'-oxybis[1-chloropropane]		360	U	48	360
N-Nitrosodi-n-propylamine		36	U	4.8	36
Nitrobenzene		36	U	8.2	36
Hexachloroethane		36	U	6.2	36
Isophorone		360	U	42	360
2-Nitrophenol		360	U	60	360
2,4-Dimethylphenol		360	U	59	360
2,4-Dichlorophenol		360	U	59	360
Bis(2-chloroethoxy)methane		360	U	52	360
Naphthalene		360	U	53	360
4-Chloroaniline		360	U	46	360
Hexachlorobutadiene		74	U	15	74
Caprolactam		360	U	50	360
4-Chloro-3-methylphenol		360	U	61	360
2-Methylnaphthalene		360	U	53	360
Hexachlorobenzene		36	U	5.1	36
Hexachlorocyclopentadiene		360	U	110	360
2,4,6-Trichlorophenol		360	U	65	360
2,4,5-Trichlorophenol		360	U	70	360
Diphenyl		360	U	60	360
2-Chloronaphthalene		360	U	52	360
2-Nitroaniline		740	U	100	740
2,6-Dinitrotoluene		74	U	9.3	74
Dimethyl phthalate		360	U	49	360
Acenaphthylene		360	U	52	360
3-Nitroaniline		740	U	83	740
Acenaphthene		360	U	52	360
4-Nitrophenol		1100	U	94	1100
2,4-Dinitrophenol		1100	U	78	1100
Dibenzofuran		360	U	55	360
Diethyl phthalate		360	U	49	360
Fluorene		360	U	62	360
Fluoranthene		360	U	61	360
Di-n-butyl phthalate		360	U	56	360
2,4-Dinitrotoluene		74	U	11	74
4-Chlorophenyl phenyl ether		360	U	63	360
4-Nitroaniline		740	U	75	740
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		360	U	65	360

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-12 Date Sampled: 03/17/2011 1605
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10119.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/30/2011 0913			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		360	U	68	360
Anthracene		360	U	65	360
Carbazole		360	U	58	360
Phenanthrene		360	U	64	360
Pentachlorophenol		1100	U	180	1100
Pyrene		98	J	63	360
Chrysene		360	U	53	360
Benzo[k]fluoranthene		36	U	5.1	36
Benzo[g,h,i]perylene		360	U	39	360
Benzo[b]fluoranthene		36	U	5.4	36
Benzo[a]pyrene		36	U	4.5	36
Benzo[a]anthracene		36	U	6.8	36
N-Nitrosodiphenylamine		360	U	60	360
Butyl benzyl phthalate		360	U	43	360
Bis(2-ethylhexyl) phthalate		360	U	48	360
Di-n-octyl phthalate		360	U	43	360
Indeno[1,2,3-cd]pyrene		36	U	5.8	36
Dibenz(a,h)anthracene		36	U	4.4	36
3,3'-Dichlorobenzidine		740	U	81	740
1,2,4,5-Tetrachlorobenzene		360	U	49	360
2,3,4,6-Tetrachlorophenol		360	U	73	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	92		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	78		16 - 151
2,4,6-Tribromophenol	98		10 - 120
2-Fluorophenol	84		37 - 125
2-Fluorobiphenyl	88		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-12 Date Sampled: 03/17/2011 1605
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10119.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/30/2011 0913			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown-1	5.29	1500	J
	Unknown Alkane-1	5.71	2300	J
	Unknown Alkane-2	5.79	2900	J
	Unknown Alkane-3	6.17	4500	J
	Unknown Alkane-4	6.35	6100	J
	Unknown Alkane-6	6.94	2500	J
	Unknown-3	7.18	1300	J
	Unknown Alkane-7	7.26	2800	J
	Unknown Alkane-9	7.78	1200	J
	Unknown Alkane-10	7.97	3200	J
	Unknown Alkane-11	8.18	2300	J
	Unknown Alkane-12	8.46	25000	J
	Unknown Alkane-13	8.62	3300	J
593-45-3	n-Octadecane	8.88	24000	E
	Unknown-7	8.91	7600	J
	Trichloro-1,1-biphenyl isomer-1	9.05	4300	J
	Unknown Alkane-14	9.29	12000	J
	Trichloro-1,1-biphenyl isomer-2	9.36	2800	J
	Unknown Alkane-15	9.68	6200	J
	Unknown Alkane-16	10.06	5100	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SI-E (15.5-16)**

Lab Sample ID: 460-24277-13 Date Sampled: 03/17/2011 1610
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10103.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 0203			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	45	370
2-Chlorophenol		370	U	49	370
2-Methylphenol		370	U	53	370
4-Methylphenol		370	U	61	370
Benzaldehyde		370	U	23	370
Acetophenone		370	U	55	370
Bis(2-chloroethyl)ether		37	U	7.7	37
2,2'-oxybis[1-chloropropane]		370	U	48	370
N-Nitrosodi-n-propylamine		37	U	4.9	37
Nitrobenzene		37	U	8.3	37
Hexachloroethane		37	U	6.2	37
Isophorone		370	U	42	370
2-Nitrophenol		370	U	61	370
2,4-Dimethylphenol		370	U	59	370
2,4-Dichlorophenol		370	U	59	370
Bis(2-chloroethoxy)methane		370	U	53	370
Naphthalene		370	U	54	370
4-Chloroaniline		370	U	46	370
Hexachlorobutadiene		75	U	15	75
Caprolactam		370	U	51	370
4-Chloro-3-methylphenol		370	U	62	370
2-Methylnaphthalene		370	U	54	370
Hexachlorobenzene		37	U	5.1	37
Hexachlorocyclopentadiene		370	U	110	370
2,4,6-Trichlorophenol		370	U	66	370
2,4,5-Trichlorophenol		370	U	71	370
Diphenyl		370	U	61	370
2-Chloronaphthalene		370	U	52	370
2-Nitroaniline		750	U	100	750
2,6-Dinitrotoluene		75	U	9.4	75
Dimethyl phthalate		370	U	50	370
Acenaphthylene		370	U	53	370
3-Nitroaniline		750	U	84	750
Acenaphthene		370	U	53	370
4-Nitrophenol		1100	U	95	1100
2,4-Dinitrophenol		1100	U	78	1100
Dibenzofuran		370	U	55	370
Diethyl phthalate		370	U	50	370
Fluorene		370	U	63	370
Fluoranthene		370	U	61	370
Di-n-butyl phthalate		370	U	57	370
2,4-Dinitrotoluene		75	U	11	75
4-Chlorophenyl phenyl ether		370	U	64	370
4-Nitroaniline		750	U	76	750
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		370	U	66	370

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SI-E (15.5-16)**

Lab Sample ID: 460-24277-13 Date Sampled: 03/17/2011 1610
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10103.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 0203			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		370	U	69	370
Anthracene		370	U	65	370
Carbazole		370	U	59	370
Phenanthrene		370	U	64	370
Pentachlorophenol		1100	U	180	1100
Pyrene		370	U	64	370
Chrysene		370	U	54	370
Benzo[k]fluoranthene		37	U	5.2	37
Benzo[g,h,i]perylene		370	U	39	370
Benzo[b]fluoranthene		37	U	5.5	37
Benzo[a]pyrene		37	U	4.5	37
Benzo[a]anthracene		37	U	6.8	37
N-Nitrosodiphenylamine		370	U	60	370
Butyl benzyl phthalate		370	U	43	370
Bis(2-ethylhexyl) phthalate		370	U	49	370
Di-n-octyl phthalate		370	U	44	370
Indeno[1,2,3-cd]pyrene		37	U	5.9	37
Dibenz(a,h)anthracene		37	U	4.4	37
3,3'-Dichlorobenzidine		750	U	82	750
1,2,4,5-Tetrachlorobenzene		370	U	50	370
2,3,4,6-Tetrachlorophenol		370	U	74	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	78		16 - 151
2,4,6-Tribromophenol	72		10 - 120
2-Fluorophenol	79		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SI-E (15.5-16)**

Lab Sample ID: 460-24277-13 Date Sampled: 03/17/2011 1610
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10103.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 0203			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SD-E (23.5-24)**

Lab Sample ID: 460-24277-14 Date Sampled: 03/17/2011 1615
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10104.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/30/2011 0229			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		390	U	48	390
2-Chlorophenol		390	U	52	390
2-Methylphenol		390	U	56	390
4-Methylphenol		390	U	64	390
Benzaldehyde		390	U	24	390
Acetophenone		390	U	58	390
Bis(2-chloroethyl)ether		39	U	8.2	39
2,2'-oxybis[1-chloropropane]		390	U	51	390
N-Nitrosodi-n-propylamine		39	U	5.2	39
Nitrobenzene		39	U	8.8	39
Hexachloroethane		39	U	6.6	39
Isophorone		390	U	45	390
2-Nitrophenol		390	U	64	390
2,4-Dimethylphenol		390	U	63	390
2,4-Dichlorophenol		390	U	63	390
Bis(2-chloroethoxy)methane		390	U	56	390
Naphthalene		390	U	57	390
4-Chloroaniline		390	U	49	390
Hexachlorobutadiene		79	U	16	79
Caprolactam		390	U	54	390
4-Chloro-3-methylphenol		390	U	66	390
2-Methylnaphthalene		390	U	57	390
Hexachlorobenzene		39	U	5.4	39
Hexachlorocyclopentadiene		390	U	110	390
2,4,6-Trichlorophenol		390	U	70	390
2,4,5-Trichlorophenol		390	U	75	390
Diphenyl		390	U	64	390
2-Chloronaphthalene		390	U	55	390
2-Nitroaniline		790	U	110	790
2,6-Dinitrotoluene		79	U	10	79
Dimethyl phthalate		390	U	53	390
Acenaphthylene		390	U	56	390
3-Nitroaniline		790	U	89	790
Acenaphthene		390	U	56	390
4-Nitrophenol		1200	U	100	1200
2,4-Dinitrophenol		1200	U	83	1200
Dibenzofuran		390	U	59	390
Diethyl phthalate		390	U	53	390
Fluorene		390	U	66	390
Fluoranthene		390	U	65	390
Di-n-butyl phthalate		390	U	60	390
2,4-Dinitrotoluene		79	U	11	79
4-Chlorophenyl phenyl ether		390	U	67	390
4-Nitroaniline		790	U	81	790
4,6-Dinitro-2-methylphenol		1200	U	190	1200
4-Bromophenyl phenyl ether		390	U	70	390

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SD-E (23.5-24)**

Lab Sample ID: 460-24277-14 Date Sampled: 03/17/2011 1615
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10104.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/30/2011 0229			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		390	U	73	390
Anthracene		390	U	69	390
Carbazole		390	U	62	390
Phenanthrene		390	U	68	390
Pentachlorophenol		1200	U	190	1200
Pyrene		390	U	68	390
Chrysene		390	U	57	390
Benzo[k]fluoranthene		39	U	5.5	39
Benzo[g,h,i]perylene		390	U	41	390
Benzo[b]fluoranthene		39	U	5.8	39
Benzo[a]pyrene		39	U	4.8	39
Benzo[a]anthracene		39	U	7.2	39
N-Nitrosodiphenylamine		390	U	64	390
Butyl benzyl phthalate		390	U	46	390
Bis(2-ethylhexyl) phthalate		390	U	52	390
Di-n-octyl phthalate		390	U	47	390
Indeno[1,2,3-cd]pyrene		39	U	6.3	39
Dibenz(a,h)anthracene		39	U	4.7	39
3,3'-Dichlorobenzidine		790	U	87	790
1,2,4,5-Tetrachlorobenzene		390	U	53	390
2,3,4,6-Tetrachlorophenol		390	U	78	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	86		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	83		16 - 151
2,4,6-Tribromophenol	70		10 - 120
2-Fluorophenol	82		37 - 125
2-Fluorobiphenyl	82		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SD-E (23.5-24)**

Lab Sample ID: 460-24277-14 Date Sampled: 03/17/2011 1615
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10104.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/30/2011 0229			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-15 Date Sampled: 03/18/2011 0920
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10105.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	03/30/2011 0256			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	44	350
2-Chlorophenol		350	U	48	350
2-Methylphenol		350	U	51	350
4-Methylphenol		350	U	58	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	53	350
Bis(2-chloroethyl)ether		35	U	7.4	35
2,2'-oxybis[1-chloropropane]		350	U	47	350
N-Nitrosodi-n-propylamine		35	U	4.7	35
Nitrobenzene		35	U	8.0	35
Hexachloroethane		35	U	6.0	35
Isophorone		350	U	41	350
2-Nitrophenol		350	U	58	350
2,4-Dimethylphenol		350	U	57	350
2,4-Dichlorophenol		350	U	57	350
Bis(2-chloroethoxy)methane		350	U	51	350
Naphthalene		350	U	52	350
4-Chloroaniline		350	U	45	350
Hexachlorobutadiene		72	U	14	72
Caprolactam		350	U	49	350
4-Chloro-3-methylphenol		350	U	60	350
2-Methylnaphthalene		350	U	52	350
Hexachlorobenzene		35	U	4.9	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	64	350
2,4,5-Trichlorophenol		350	U	68	350
Diphenyl		350	U	59	350
2-Chloronaphthalene		350	U	50	350
2-Nitroaniline		720	U	97	720
2,6-Dinitrotoluene		72	U	9.0	72
Dimethyl phthalate		350	U	48	350
Acenaphthylene		350	U	51	350
3-Nitroaniline		720	U	80	720
Acenaphthene		350	U	51	350
4-Nitrophenol		1100	U	91	1100
2,4-Dinitrophenol		1100	U	75	1100
Dibenzofuran		350	U	53	350
Diethyl phthalate		350	U	48	350
Fluorene		350	U	60	350
Fluoranthene		350	U	59	350
Di-n-butyl phthalate		350	U	54	350
2,4-Dinitrotoluene		72	U	10	72
4-Chlorophenyl phenyl ether		350	U	61	350
4-Nitroaniline		720	U	73	720
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	63	350

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-15 Date Sampled: 03/18/2011 0920
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10105.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	03/30/2011 0256			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	66	350
Anthracene		350	U	63	350
Carbazole		350	U	57	350
Phenanthrene		350	U	62	350
Pentachlorophenol		1100	U	170	1100
Pyrene		350	U	61	350
Chrysene		350	U	52	350
Benzo[k]fluoranthene		35	U	5.0	35
Benzo[g,h,i]perylene		350	U	38	350
Benzo[b]fluoranthene		35	U	5.3	35
Benzo[a]pyrene		35	U	4.4	35
Benzo[a]anthracene		35	U	6.6	35
N-Nitrosodiphenylamine		350	U	58	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	47	350
Di-n-octyl phthalate		350	U	42	350
Indeno[1,2,3-cd]pyrene		35	U	5.7	35
Dibenz(a,h)anthracene		35	U	4.3	35
3,3'-Dichlorobenzidine		720	U	79	720
1,2,4,5-Tetrachlorobenzene		350	U	48	350
2,3,4,6-Tetrachlorophenol		350	U	71	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	87		38 - 105
Phenol-d5	85		41 - 118
Terphenyl-d14	79		16 - 151
2,4,6-Tribromophenol	70		10 - 120
2-Fluorophenol	84		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-15 Date Sampled: 03/18/2011 0920
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10105.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	03/30/2011 0256			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-WT-E (8.0-8.5)**

Lab Sample ID: 460-24277-16 Date Sampled: 03/18/2011 0925
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10125.d
Dilution:	5.0			Initial Weight/Volume:	14.96 g
Analysis Date:	03/30/2011 1155			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1900	U	230	1900
2-Chlorophenol		1900	U	250	1900
2-Methylphenol		1900	U	270	1900
4-Methylphenol		1900	U	310	1900
Benzaldehyde		1900	U	120	1900
Acetophenone		1900	U	280	1900
Bis(2-chloroethyl)ether		190	U	39	190
2,2'-oxybis[1-chloropropane]		1900	U	250	1900
N-Nitrosodi-n-propylamine		190	U	25	190
Nitrobenzene		190	U	42	190
Hexachloroethane		190	U	32	190
Isophorone		1900	U	220	1900
2-Nitrophenol		1900	U	310	1900
2,4-Dimethylphenol		1900	U	300	1900
2,4-Dichlorophenol		1900	U	300	1900
Bis(2-chloroethoxy)methane		1900	U	270	1900
Naphthalene		6100		270	1900
4-Chloroaniline		1900	U	240	1900
Hexachlorobutadiene		380	U	76	380
Caprolactam		1900	U	260	1900
4-Chloro-3-methylphenol		1900	U	310	1900
2-Methylnaphthalene		28000		270	1900
Hexachlorobenzene		190	U	26	190
Hexachlorocyclopentadiene		1900	U	550	1900
2,4,6-Trichlorophenol		1900	U	340	1900
2,4,5-Trichlorophenol		1900	U	360	1900
Diphenyl		2200		310	1900
2-Chloronaphthalene		1900	U	260	1900
2-Nitroaniline		3800	U	510	3800
2,6-Dinitrotoluene		380	U	48	380
Dimethyl phthalate		1900	U	250	1900
Acenaphthylene		1900	U	270	1900
3-Nitroaniline		3800	U	420	3800
Acenaphthene		1900	U	270	1900
4-Nitrophenol		5700	U	480	5700
2,4-Dinitrophenol		5700	U	400	5700
Dibenzofuran		1900	U	280	1900
Diethyl phthalate		1900	U	250	1900
Fluorene		3000		320	1900
Fluoranthene		1900	U	310	1900
Di-n-butyl phthalate		1900	U	290	1900
2,4-Dinitrotoluene		380	U	55	380
4-Chlorophenyl phenyl ether		1900	U	320	1900
4-Nitroaniline		3800	U	390	3800
4,6-Dinitro-2-methylphenol		5700	U	900	5700
4-Bromophenyl phenyl ether		1900	U	330	1900

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-WT-E (8.0-8.5)**

Lab Sample ID: 460-24277-16 Date Sampled: 03/18/2011 0925
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10125.d
Dilution:	5.0			Initial Weight/Volume:	14.96 g
Analysis Date:	03/30/2011 1155			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1900	U	350	1900
Anthracene		1900	U	330	1900
Carbazole		1900	U	300	1900
Phenanthrene		6900		330	1900
Pentachlorophenol		5700	U	920	5700
Pyrene		480	J	320	1900
Chrysene		1900	U	270	1900
Benzo[k]fluoranthene		190	U	26	190
Benzo[g,h,i]perylene		1900	U	200	1900
Benzo[b]fluoranthene		190	U	28	190
Benzo[a]pyrene		190	U	23	190
Benzo[a]anthracene		190	U	35	190
N-Nitrosodiphenylamine		1900	U	310	1900
Butyl benzyl phthalate		1900	U	220	1900
Bis(2-ethylhexyl) phthalate		1900	U	250	1900
Di-n-octyl phthalate		1900	U	220	1900
Indeno[1,2,3-cd]pyrene		190	U	30	190
Dibenz(a,h)anthracene		190	U	23	190
3,3'-Dichlorobenzidine		3800	U	420	3800
1,2,4,5-Tetrachlorobenzene		1900	U	250	1900
2,3,4,6-Tetrachlorophenol		1900	U	380	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	129	X	38 - 105
Phenol-d5	75		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	46		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	73		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-WT-E (8.0-8.5)**

Lab Sample ID: 460-24277-16 Date Sampled: 03/18/2011 0925
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10125.d
Dilution:	5.0			Initial Weight/Volume:	14.96 g
Analysis Date:	03/30/2011 1155			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Ethylmethylbenzene isomer	3.78	21000	J
	Trimethylbenzene isomer	4.11	23000	J
	C10H12 Aromatic	5.39	9600	J
	Unknown Alkane-2	5.79	10000	J
	Unknown Alkane-3	6.17	14000	J
90-12-0	1-Methylnaphthalene	6.50	17000	
	Unknown Cycloalkane-3	6.64	21000	J
	Unknown Alkane-5	6.93	11000	J
	Ethylnaphthalene isomer	6.98	13000	J
	Dimethylnaphthalene isomer	7.05	14000	J
575-41-7	1,3-Dimethylnaphthalene	7.13	33000	
	Unknown-2	7.15	11000	J
	Unknown Alkane-6	7.24	34000	J
	Trimethylnaphthalene isomer-1	7.57	12000	J
	Trimethylnaphthalene isomer-2	7.67	16000	J
	Trimethylnaphthalene isomer-3	7.71	12000	J
	Trimethylnaphthalene isomer-4	7.87	8700	J
	Unknown Alkane-7	8.17	23000	J
	Unknown Alkane-8	8.43	63000	J
	Unknown Alkane-9	8.88	35000	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-17 Date Sampled: 03/18/2011 0930
Client Matrix: Solid % Moisture: 14.9 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10114.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	03/30/2011 0658			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		390	U	48	390
2-Chlorophenol		390	U	52	390
2-Methylphenol		390	U	56	390
4-Methylphenol		390	U	64	390
Benzaldehyde		390	U	24	390
Acetophenone		390	U	58	390
Bis(2-chloroethyl)ether		39	U	8.1	39
2,2'-oxybis[1-chloropropane]		390	U	51	390
N-Nitrosodi-n-propylamine		39	U	5.1	39
Nitrobenzene		39	U	8.7	39
Hexachloroethane		39	U	6.6	39
Isophorone		390	U	45	390
2-Nitrophenol		390	U	64	390
2,4-Dimethylphenol		390	U	62	390
2,4-Dichlorophenol		390	U	62	390
Bis(2-chloroethoxy)methane		390	U	56	390
Naphthalene		2300		57	390
4-Chloroaniline		390	U	49	390
Hexachlorobutadiene		79	U	16	79
Caprolactam		390	U	53	390
4-Chloro-3-methylphenol		390	U	65	390
2-Methylnaphthalene		7600		57	390
Hexachlorobenzene		39	U	5.4	39
Hexachlorocyclopentadiene		390	U	110	390
2,4,6-Trichlorophenol		390	U	70	390
2,4,5-Trichlorophenol		390	U	75	390
Diphenyl		750		64	390
2-Chloronaphthalene		390	U	55	390
2-Nitroaniline		790	U	110	790
2,6-Dinitrotoluene		79	U	9.9	79
Dimethyl phthalate		390	U	53	390
Acenaphthylene		390	U	56	390
3-Nitroaniline		790	U	88	790
Acenaphthene		390	U	55	390
4-Nitrophenol		1200	U	100	1200
2,4-Dinitrophenol		1200	U	83	1200
Dibenzofuran		390	U	58	390
Diethyl phthalate		390	U	52	390
Fluorene		740		66	390
Fluoranthene		390	U	65	390
Di-n-butyl phthalate		390	U	60	390
2,4-Dinitrotoluene		79	U	11	79
4-Chlorophenyl phenyl ether		390	U	67	390
4-Nitroaniline		790	U	80	790
4,6-Dinitro-2-methylphenol		1200	U	190	1200
4-Bromophenyl phenyl ether		390	U	69	390

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-17 Date Sampled: 03/18/2011 0930
Client Matrix: Solid % Moisture: 14.9 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10114.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	03/30/2011 0658			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		390	U	73	390
Anthracene		390	U	69	390
Carbazole		390	U	62	390
Phenanthrene		1800		68	390
Pentachlorophenol		1200	U	190	1200
Pyrene		130	J	67	390
Chrysene		390	U	57	390
Benzo[k]fluoranthene		39	U	5.4	39
Benzo[g,h,i]perylene		390	U	41	390
Benzo[b]fluoranthene		39	U	5.8	39
Benzo[a]pyrene		39	U	4.8	39
Benzo[a]anthracene		39	U	7.2	39
N-Nitrosodiphenylamine		390	U	63	390
Butyl benzyl phthalate		390	U	45	390
Bis(2-ethylhexyl) phthalate		390	U	52	390
Di-n-octyl phthalate		390	U	46	390
Indeno[1,2,3-cd]pyrene		39	U	6.2	39
Dibenz(a,h)anthracene		39	U	4.7	39
3,3'-Dichlorobenzidine		790	U	86	790
1,2,4,5-Tetrachlorobenzene		390	U	52	390
2,3,4,6-Tetrachlorophenol		390	U	78	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	103		38 - 105
Phenol-d5	85		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	76		10 - 120
2-Fluorophenol	84		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-17 Date Sampled: 03/18/2011 0930
Client Matrix: Solid % Moisture: 14.9 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10114.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	03/30/2011 0658			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Trimethylbenzene isomer	4.11	6600	J
	Ethyldimethylbenzene isomer-1	4.65	5300	J
	Ethyldimethylbenzene isomer-2	4.88	7400	J
	C10H12 Aromatic	5.39	2200	J
	Unknown Alkane-3	6.17	3000	J
90-12-0	1-Methylnaphthalene	6.51	4600	
	Unknown Cycloalkane-3	6.64	4700	J
	Unknown Alkane-4	6.68	2500	J
	Ethylnaphthalene isomer	6.98	2900	J
	Dimethylnaphthalene isomer-1	7.05	3500	J
575-41-7	1,3-Dimethylnaphthalene	7.13	8500	
	Dimethylnaphthalene isomer-2	7.15	3000	J
	Unknown Alkane-5	7.24	7600	J
	Trimethylnaphthalene isomer-1	7.58	2600	J
	Trimethylnaphthalene isomer-2	7.68	3200	J
	Trimethylnaphthalene isomer-3	7.71	2900	J
	Trimethylnaphthalene isomer-4	7.88	2400	J
	Unknown Alkane-6	8.17	5200	J
	Unknown Alkane-7	8.43	12000	J
	Unknown Alkane-8	8.89	7600	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15VD-E (3.5-4)**

Lab Sample ID: 460-24277-18 Date Sampled: 03/18/2011 1025
Client Matrix: Solid % Moisture: 8.3 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10106.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/30/2011 0323			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		360	U	44	360
2-Chlorophenol		360	U	48	360
2-Methylphenol		360	U	52	360
4-Methylphenol		360	U	59	360
Benzaldehyde		360	U	23	360
Acetophenone		360	U	53	360
Bis(2-chloroethyl)ether		36	U	7.5	36
2,2'-oxybis[1-chloropropane]		360	U	47	360
N-Nitrosodi-n-propylamine		36	U	4.8	36
Nitrobenzene		36	U	8.1	36
Hexachloroethane		36	U	6.1	36
Isophorone		360	U	41	360
2-Nitrophenol		360	U	59	360
2,4-Dimethylphenol		360	U	58	360
2,4-Dichlorophenol		360	U	58	360
Bis(2-chloroethoxy)methane		360	U	51	360
Naphthalene		360	U	53	360
4-Chloroaniline		360	U	45	360
Hexachlorobutadiene		73	U	15	73
Caprolactam		360	U	49	360
4-Chloro-3-methylphenol		360	U	60	360
2-Methylnaphthalene		360	U	53	360
Hexachlorobenzene		36	U	5.0	36
Hexachlorocyclopentadiene		360	U	110	360
2,4,6-Trichlorophenol		360	U	64	360
2,4,5-Trichlorophenol		360	U	69	360
Diphenyl		360	U	59	360
2-Chloronaphthalene		360	U	51	360
2-Nitroaniline		730	U	99	730
2,6-Dinitrotoluene		73	U	9.2	73
Dimethyl phthalate		360	U	49	360
Acenaphthylene		360	U	51	360
3-Nitroaniline		730	U	81	730
Acenaphthene		360	U	51	360
4-Nitrophenol		1100	U	93	1100
2,4-Dinitrophenol		1100	U	76	1100
Dibenzofuran		360	U	54	360
Diethyl phthalate		360	U	48	360
Fluorene		360	U	61	360
Fluoranthene		360	U	60	360
Di-n-butyl phthalate		360	U	55	360
2,4-Dinitrotoluene		73	U	11	73
4-Chlorophenyl phenyl ether		360	U	62	360
4-Nitroaniline		730	U	74	730
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		360	U	64	360

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15VD-E (3.5-4)**

Lab Sample ID: 460-24277-18 Date Sampled: 03/18/2011 1025
Client Matrix: Solid % Moisture: 8.3 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10106.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/30/2011 0323			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		360	U	67	360
Anthracene		360	U	64	360
Carbazole		360	U	57	360
Phenanthrene		360	U	63	360
Pentachlorophenol		1100	U	180	1100
Pyrene		360	U	62	360
Chrysene		360	U	52	360
Benzo[k]fluoranthene		36	U	5.0	36
Benzo[g,h,i]perylene		360	U	38	360
Benzo[b]fluoranthene		36	U	5.4	36
Benzo[a]pyrene		36	U	4.4	36
Benzo[a]anthracene		36	U	6.7	36
N-Nitrosodiphenylamine		360	U	59	360
Butyl benzyl phthalate		360	U	42	360
Bis(2-ethylhexyl) phthalate		360	U	48	360
Di-n-octyl phthalate		360	U	43	360
Indeno[1,2,3-cd]pyrene		36	U	5.8	36
Dibenz(a,h)anthracene		36	U	4.3	36
3,3'-Dichlorobenzidine		730	U	80	730
1,2,4,5-Tetrachlorobenzene		360	U	48	360
2,3,4,6-Tetrachlorophenol		360	U	72	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	86		38 - 105
Phenol-d5	81		41 - 118
Terphenyl-d14	89		16 - 151
2,4,6-Tribromophenol	70		10 - 120
2-Fluorophenol	81		37 - 125
2-Fluorobiphenyl	83		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15VD-E (3.5-4)**

Lab Sample ID: 460-24277-18 Date Sampled: 03/18/2011 1025
Client Matrix: Solid % Moisture: 8.3 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10106.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/30/2011 0323			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-WT-E (7.5-8)**

Lab Sample ID: 460-24277-19 Date Sampled: 03/18/2011 1030
Client Matrix: Solid % Moisture: 11.8 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10123.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/30/2011 1101			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1900	U	230	1900
2-Chlorophenol		1900	U	250	1900
2-Methylphenol		1900	U	270	1900
4-Methylphenol		1900	U	310	1900
Benzaldehyde		1900	U	120	1900
Acetophenone		1900	U	280	1900
Bis(2-chloroethyl)ether		190	U	39	190
2,2'-oxybis[1-chloropropane]		1900	U	250	1900
N-Nitrosodi-n-propylamine		190	U	25	190
Nitrobenzene		190	U	42	190
Hexachloroethane		190	U	32	190
Isophorone		1900	U	210	1900
2-Nitrophenol		1900	U	310	1900
2,4-Dimethylphenol		1900	U	300	1900
2,4-Dichlorophenol		1900	U	300	1900
Bis(2-chloroethoxy)methane		1900	U	270	1900
Naphthalene		1900	U	270	1900
4-Chloroaniline		1900	U	240	1900
Hexachlorobutadiene		380	U	76	380
Caprolactam		1900	U	260	1900
4-Chloro-3-methylphenol		1900	U	310	1900
2-Methylnaphthalene		1900	U	270	1900
Hexachlorobenzene		190	U	26	190
Hexachlorocyclopentadiene		1900	U	550	1900
2,4,6-Trichlorophenol		1900	U	330	1900
2,4,5-Trichlorophenol		1900	U	360	1900
Diphenyl		1900	U	310	1900
2-Chloronaphthalene		1900	U	260	1900
2-Nitroaniline		3800	U	510	3800
2,6-Dinitrotoluene		380	U	48	380
Dimethyl phthalate		1900	U	250	1900
Acenaphthylene		1900	U	270	1900
3-Nitroaniline		3800	U	420	3800
Acenaphthene		1900	U	270	1900
4-Nitrophenol		5700	U	480	5700
2,4-Dinitrophenol		5700	U	400	5700
Dibenzofuran		1900	U	280	1900
Diethyl phthalate		1900	U	250	1900
Fluorene		1900	U	320	1900
Fluoranthene		1900	U	310	1900
Di-n-butyl phthalate		1900	U	290	1900
2,4-Dinitrotoluene		380	U	55	380
4-Chlorophenyl phenyl ether		1900	U	320	1900
4-Nitroaniline		3800	U	390	3800
4,6-Dinitro-2-methylphenol		5700	U	890	5700
4-Bromophenyl phenyl ether		1900	U	330	1900

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-WT-E (7.5-8)**

Lab Sample ID: 460-24277-19 Date Sampled: 03/18/2011 1030
Client Matrix: Solid % Moisture: 11.8 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10123.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/30/2011 1101			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1900	U	350	1900
Anthracene		1900	U	330	1900
Carbazole		1900	U	300	1900
Phenanthrene		1900	U	330	1900
Pentachlorophenol		5700	U	910	5700
Pyrene		820	J	320	1900
Chrysene		1900	U	270	1900
Benzo[k]fluoranthene		190	U	26	190
Benzo[g,h,i]perylene		1900	U	200	1900
Benzo[b]fluoranthene		190	U	28	190
Benzo[a]pyrene		190	U	23	190
Benzo[a]anthracene		190	U	35	190
N-Nitrosodiphenylamine		1900	U	300	1900
Butyl benzyl phthalate		1900	U	220	1900
Bis(2-ethylhexyl) phthalate		1900	U	250	1900
Di-n-octyl phthalate		1900	U	220	1900
Indeno[1,2,3-cd]pyrene		190	U	30	190
Dibenz(a,h)anthracene		190	U	23	190
3,3'-Dichlorobenzidine		3800	U	410	3800
1,2,4,5-Tetrachlorobenzene		1900	U	250	1900
2,3,4,6-Tetrachlorophenol		1900	U	370	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	149	X	38 - 105
Phenol-d5	91		41 - 118
Terphenyl-d14	91		16 - 151
2,4,6-Tribromophenol	71		10 - 120
2-Fluorophenol	91		37 - 125
2-Fluorobiphenyl	107		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-WT-E (7.5-8)**

Lab Sample ID: 460-24277-19 Date Sampled: 03/18/2011 1030
Client Matrix: Solid % Moisture: 11.8 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10123.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/30/2011 1101			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown-1	5.29	7000	J
	Unknown Alkane-1	5.72	14000	J
	Unknown Alkane-2	5.80	14000	J
	Unknown-2	5.89	6000	J
	Unknown Alkane-3	6.18	20000	J
	Unknown Alkane-4	6.36	35000	J
	Unknown-3	6.65	8400	J
	Unknown-4	6.88	5100	J
	Unknown Alkane-5	6.94	16000	J
	Unknown Alkane-6	7.26	15000	J
	Unknown Alkane-8	7.78	6500	J
	Unknown Alkane-9	7.97	17000	J
	Unknown Alkane-10	8.18	11000	J
	Unknown Alkane-11	8.45	140000	J
	Unknown Alkane-12	8.62	20000	J
593-45-3	n-Octadecane	8.88	140000	E
	Unknown Alkane-13	9.04	22000	J
	Unknown Alkane-14	9.29	58000	J
	Unknown Alkane-15	9.68	34000	J
	Unknown Alkane-16	10.06	23000	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SI-E (15.5-16)**

Lab Sample ID: 460-24277-20 Date Sampled: 03/18/2011 1035
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10107.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/30/2011 0350			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	47	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	63	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	57	380
Bis(2-chloroethyl)ether		38	U	8.0	38
2,2'-oxybis[1-chloropropane]		380	U	50	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.5	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	44	380
2-Nitrophenol		380	U	63	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	55	380
Naphthalene		380	U	56	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		77	U	15	77
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		380	U	56	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	74	380
Diphenyl		380	U	63	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		770	U	100	770
2,6-Dinitrotoluene		77	U	9.7	77
Dimethyl phthalate		380	U	52	380
Acenaphthylene		380	U	55	380
3-Nitroaniline		770	U	86	770
Acenaphthene		380	U	54	380
4-Nitrophenol		1200	U	98	1200
2,4-Dinitrophenol		1200	U	81	1200
Dibenzofuran		380	U	57	380
Diethyl phthalate		380	U	51	380
Fluorene		380	U	65	380
Fluoranthene		380	U	64	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		77	U	11	77
4-Chlorophenyl phenyl ether		380	U	66	380
4-Nitroaniline		770	U	79	770
4,6-Dinitro-2-methylphenol		1200	U	180	1200
4-Bromophenyl phenyl ether		380	U	68	380

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SI-E (15.5-16)**

Lab Sample ID: 460-24277-20 Date Sampled: 03/18/2011 1035
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10107.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/30/2011 0350			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	71	380
Anthracene		380	U	67	380
Carbazole		380	U	61	380
Phenanthrene		380	U	67	380
Pentachlorophenol		1200	U	190	1200
Pyrene		380	U	66	380
Chrysene		380	U	56	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.7	38
Benzo[a]pyrene		38	U	4.7	38
Benzo[a]anthracene		38	U	7.1	38
N-Nitrosodiphenylamine		380	U	62	380
Butyl benzyl phthalate		380	U	45	380
Bis(2-ethylhexyl) phthalate		380	U	51	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
3,3'-Dichlorobenzidine		770	U	85	770
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	76	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	85		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	88		16 - 151
2,4,6-Tribromophenol	68		10 - 120
2-Fluorophenol	81		37 - 125
2-Fluorobiphenyl	83		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SI-E (15.5-16)**

Lab Sample ID: 460-24277-20 Date Sampled: 03/18/2011 1035
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10107.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/30/2011 0350			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **4**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	7.94	380	J
	Unknown Alkane-2	8.40	670	J
	Unknown	8.42	430	J
593-45-3	n-Octadecane	8.84	350	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SD-E (23.5-24.0)**

Lab Sample ID: 460-24277-21 Date Sampled: 03/18/2011 1040
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10108.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/30/2011 0417			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	47	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	62	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	57	380
Bis(2-chloroethyl)ether		38	U	7.9	38
2,2'-oxybis[1-chloropropane]		380	U	50	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.5	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	44	380
2-Nitrophenol		380	U	63	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		380	U	56	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		77	U	15	77
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		380	U	56	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	73	380
Diphenyl		380	U	63	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		770	U	100	770
2,6-Dinitrotoluene		77	U	9.7	77
Dimethyl phthalate		380	U	52	380
Acenaphthylene		380	U	55	380
3-Nitroaniline		770	U	86	770
Acenaphthene		380	U	54	380
4-Nitrophenol		1200	U	98	1200
2,4-Dinitrophenol		1200	U	81	1200
Dibenzofuran		380	U	57	380
Diethyl phthalate		380	U	51	380
Fluorene		380	U	65	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		77	U	11	77
4-Chlorophenyl phenyl ether		380	U	66	380
4-Nitroaniline		770	U	79	770
4,6-Dinitro-2-methylphenol		1200	U	180	1200
4-Bromophenyl phenyl ether		380	U	68	380

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SD-E (23.5-24.0)**

Lab Sample ID: 460-24277-21 Date Sampled: 03/18/2011 1040
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10108.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/30/2011 0417			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	71	380
Anthracene		380	U	67	380
Carbazole		380	U	61	380
Phenanthrene		380	U	66	380
Pentachlorophenol		1200	U	190	1200
Pyrene		380	U	66	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.7	38
Benzo[a]pyrene		38	U	4.7	38
Benzo[a]anthracene		38	U	7.1	38
N-Nitrosodiphenylamine		380	U	62	380
Butyl benzyl phthalate		380	U	44	380
Bis(2-ethylhexyl) phthalate		380	U	51	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
3,3'-Dichlorobenzidine		770	U	84	770
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	76	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	78		16 - 151
2,4,6-Tribromophenol	64		10 - 120
2-Fluorophenol	80		37 - 125
2-Fluorobiphenyl	81		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SD-E (23.5-24.0)**

Lab Sample ID: 460-24277-21 Date Sampled: 03/18/2011 1040
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10108.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/30/2011 0417			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-VD-E (3-5)**

Lab Sample ID: 460-24277-22 Date Sampled: 03/18/2011 1155
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10115.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Analysis Date:	03/30/2011 0725			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	47	350
2-Methylphenol		350	U	50	350
4-Methylphenol		350	U	57	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	52	350
Bis(2-chloroethyl)ether		35	U	7.3	35
2,2'-oxybis[1-chloropropane]		350	U	46	350
N-Nitrosodi-n-propylamine		35	U	4.6	35
Nitrobenzene		35	U	7.8	35
Hexachloroethane		35	U	5.9	35
Isophorone		350	U	40	350
2-Nitrophenol		350	U	58	350
2,4-Dimethylphenol		350	U	56	350
2,4-Dichlorophenol		350	U	56	350
Bis(2-chloroethoxy)methane		350	U	50	350
Naphthalene		350	U	51	350
4-Chloroaniline		350	U	44	350
Hexachlorobutadiene		71	U	14	71
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	59	350
2-Methylnaphthalene		350	U	51	350
Hexachlorobenzene		35	U	4.9	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	63	350
2,4,5-Trichlorophenol		350	U	68	350
Diphenyl		350	U	58	350
2-Chloronaphthalene		350	U	50	350
2-Nitroaniline		710	U	96	710
2,6-Dinitrotoluene		71	U	8.9	71
Dimethyl phthalate		350	U	47	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		710	U	79	710
Acenaphthene		350	U	50	350
4-Nitrophenol		1100	U	90	1100
2,4-Dinitrophenol		1100	U	74	1100
Dibenzofuran		350	U	53	350
Diethyl phthalate		350	U	47	350
Fluorene		350	U	59	350
Fluoranthene		350	U	58	350
Di-n-butyl phthalate		350	U	54	350
2,4-Dinitrotoluene		71	U	10	71
4-Chlorophenyl phenyl ether		350	U	60	350
4-Nitroaniline		710	U	72	710
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	62	350

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-VD-E (3-5)**

Lab Sample ID: 460-24277-22 Date Sampled: 03/18/2011 1155
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10115.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Analysis Date:	03/30/2011 0725			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	65	350
Anthracene		350	U	62	350
Carbazole		350	U	56	350
Phenanthrene		350	U	61	350
Pentachlorophenol		1100	U	170	1100
Pyrene		62	J	61	350
Chrysene		350	U	51	350
Benzo[k]fluoranthene		35	U	4.9	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.5	35
N-Nitrosodiphenylamine		350	U	57	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	47	350
Di-n-octyl phthalate		350	U	42	350
Indeno[1,2,3-cd]pyrene		35	U	5.6	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		710	U	78	710
1,2,4,5-Tetrachlorobenzene		350	U	47	350
2,3,4,6-Tetrachlorophenol		350	U	70	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	88		38 - 105
Phenol-d5	87		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	70		10 - 120
2-Fluorophenol	86		37 - 125
2-Fluorobiphenyl	83		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-VD-E (3-5)**

Lab Sample ID: 460-24277-22 Date Sampled: 03/18/2011 1155
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10115.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Analysis Date:	03/30/2011 0725			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.79	2100	J
	Unknown Cycloalkane-1	5.90	1600	J
	Unknown Alkane-2	6.16	3300	J
	Unknown-1	6.25	930	J
	Unknown Alkane-3	6.33	1900	J
	Unknown Alkane-4	6.40	1500	J
	Unknown Alkane-5	6.44	1100	J
	Unknown Alkane-6	6.63	1100	J
	Unknown Alkane-8	6.91	2300	J
	Unknown-4	7.17	1200	J
	Unknown Alkane-9	7.24	3300	J
	Unknown Alkane-13	7.94	1800	J
	Unknown Alkane-14	8.17	2200	J
	Unknown Cycloalkane-2	8.26	2000	J
	Unknown Alkane-15	8.43	11000	J
	Unknown Alkane-16	8.60	1600	J
593-45-3	n-Octadecane	8.85	3900	
	Unknown Alkane-17	8.88	4100	J
	Unknown Alkane-18	9.03	1500	J
	Unknown Alkane-19	9.27	3000	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-WT-E (8-8.5)**

Lab Sample ID: 460-24277-23 Date Sampled: 03/18/2011 1200
Client Matrix: Solid % Moisture: 14.7 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10122.d
Dilution:	2.0			Initial Weight/Volume:	14.96 g
Analysis Date:	03/30/2011 1034			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		780	U	95	780
2-Chlorophenol		780	U	100	780
2-Methylphenol		780	U	110	780
4-Methylphenol		780	U	130	780
Benzaldehyde		780	U	49	780
Acetophenone		780	U	120	780
Bis(2-chloroethyl)ether		78	U	16	78
2,2'-oxybis[1-chloropropane]		780	U	100	780
N-Nitrosodi-n-propylamine		78	U	10	78
Nitrobenzene		78	U	17	78
Hexachloroethane		78	U	13	78
Isophorone		780	U	89	780
2-Nitrophenol		780	U	130	780
2,4-Dimethylphenol		780	U	120	780
2,4-Dichlorophenol		780	U	120	780
Bis(2-chloroethoxy)methane		780	U	110	780
Naphthalene		780	U	110	780
4-Chloroaniline		780	U	98	780
Hexachlorobutadiene		160	U	32	160
Caprolactam		780	U	110	780
4-Chloro-3-methylphenol		780	U	130	780
2-Methylnaphthalene		780	U	110	780
Hexachlorobenzene		78	U	11	78
Hexachlorocyclopentadiene		780	U	230	780
2,4,6-Trichlorophenol		780	U	140	780
2,4,5-Trichlorophenol		780	U	150	780
Diphenyl		780	U	130	780
2-Chloronaphthalene		780	U	110	780
2-Nitroaniline		1600	U	210	1600
2,6-Dinitrotoluene		160	U	20	160
Dimethyl phthalate		780	U	110	780
Acenaphthylene		780	U	110	780
3-Nitroaniline		1600	U	180	1600
Acenaphthene		780	U	110	780
4-Nitrophenol		2400	U	200	2400
2,4-Dinitrophenol		2400	U	170	2400
Dibenzofuran		780	U	120	780
Diethyl phthalate		780	U	100	780
Fluorene		780	U	130	780
Fluoranthene		780	U	130	780
Di-n-butyl phthalate		780	U	120	780
2,4-Dinitrotoluene		160	U	23	160
4-Chlorophenyl phenyl ether		780	U	130	780
4-Nitroaniline		1600	U	160	1600
4,6-Dinitro-2-methylphenol		2400	U	370	2400
4-Bromophenyl phenyl ether		780	U	140	780

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-WT-E (8-8.5)**

Lab Sample ID: 460-24277-23 Date Sampled: 03/18/2011 1200
Client Matrix: Solid % Moisture: 14.7 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10122.d
Dilution:	2.0			Initial Weight/Volume:	14.96 g
Analysis Date:	03/30/2011 1034			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		780	U	150	780
Anthracene		780	U	140	780
Carbazole		780	U	120	780
Phenanthrene		780	U	140	780
Pentachlorophenol		2400	U	380	2400
Pyrene		260	J	130	780
Chrysene		780	U	110	780
Benzo[k]fluoranthene		78	U	11	78
Benzo[g,h,i]perylene		780	U	82	780
Benzo[b]fluoranthene		78	U	12	78
Benzo[a]pyrene		78	U	9.6	78
Benzo[a]anthracene		78	U	14	78
N-Nitrosodiphenylamine		780	U	130	780
Butyl benzyl phthalate		780	U	91	780
Bis(2-ethylhexyl) phthalate		780	U	100	780
Di-n-octyl phthalate		780	U	92	780
Indeno[1,2,3-cd]pyrene		78	U	12	78
Dibenz(a,h)anthracene		78	U	9.4	78
3,3'-Dichlorobenzidine		1600	U	170	1600
1,2,4,5-Tetrachlorobenzene		780	U	100	780
2,3,4,6-Tetrachlorophenol		780	U	160	780

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	101		38 - 105
Phenol-d5	88		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	71		10 - 120
2-Fluorophenol	89		37 - 125
2-Fluorobiphenyl	88		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-WT-E (8-8.5)**

Lab Sample ID: 460-24277-23 Date Sampled: 03/18/2011 1200
Client Matrix: Solid % Moisture: 14.7 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10122.d
Dilution:	2.0			Initial Weight/Volume:	14.96 g
Analysis Date:	03/30/2011 1034			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.79	6400	J
	Unknown-1	5.89	2900	J
	Unknown Alkane-2	6.17	9000	J
	Unknown-2	6.26	2900	J
	Unknown Alkane-3	6.34	6000	J
	Unknown-3	6.40	2400	J
	Unknown Alkane-4	6.44	2900	J
	Unknown Alkane-5	6.64	4100	J
	Unknown Alkane-7	6.93	5800	J
	Unknown-5	7.18	2700	J
	Unknown Alkane-8	7.25	8400	J
	Unknown Alkane-11	7.95	6400	J
	Unknown Alkane-12	8.17	6300	J
	Unknown-9	8.27	6900	J
	Unknown Alkane-13	8.44	30000	J
	Unknown Alkane-14	8.61	4800	J
593-45-3	n-Octadecane	8.86	23000	E
	Unknown-10	8.89	12000	J
	Unknown Alkane-15	9.28	12000	J
	Unknown Alkane-16	9.67	6500	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI1-E (11-13)**

Lab Sample ID: 460-24277-24 Date Sampled: 03/18/2011 1205
Client Matrix: Solid % Moisture: 12.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10116.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 0752			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	46	380
2-Chlorophenol		380	U	50	380
2-Methylphenol		380	U	54	380
4-Methylphenol		380	U	62	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	56	380
Bis(2-chloroethyl)ether		38	U	7.9	38
2,2'-oxybis[1-chloropropane]		380	U	49	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.4	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	43	380
2-Nitrophenol		380	U	62	380
2,4-Dimethylphenol		380	U	60	380
2,4-Dichlorophenol		380	U	60	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		380	U	55	380
4-Chloroaniline		380	U	47	380
Hexachlorobutadiene		76	U	15	76
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	63	380
2-Methylnaphthalene		210	J	55	380
Hexachlorobenzene		38	U	5.2	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	73	380
Diphenyl		380	U	62	380
2-Chloronaphthalene		380	U	53	380
2-Nitroaniline		760	U	100	760
2,6-Dinitrotoluene		76	U	9.6	76
Dimethyl phthalate		380	U	51	380
Acenaphthylene		380	U	54	380
3-Nitroaniline		760	U	85	760
Acenaphthene		380	U	54	380
4-Nitrophenol		1100	U	97	1100
2,4-Dinitrophenol		1100	U	80	1100
Dibenzofuran		380	U	57	380
Diethyl phthalate		380	U	51	380
Fluorene		380	U	64	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		76	U	11	76
4-Chlorophenyl phenyl ether		380	U	65	380
4-Nitroaniline		760	U	78	760
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		380	U	67	380

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI1-E (11-13)**

Lab Sample ID: 460-24277-24 Date Sampled: 03/18/2011 1205
Client Matrix: Solid % Moisture: 12.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10116.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 0752			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	70	380
Anthracene		380	U	67	380
Carbazole		380	U	60	380
Phenanthrene		230	J	66	380
Pentachlorophenol		1100	U	180	1100
Pyrene		93	J	65	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.6	38
Benzo[a]pyrene		38	U	4.6	38
Benzo[a]anthracene		38	U	7.0	38
N-Nitrosodiphenylamine		380	U	61	380
Butyl benzyl phthalate		380	U	44	380
Bis(2-ethylhexyl) phthalate		380	U	50	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.0	38
Dibenz(a,h)anthracene		38	U	4.5	38
3,3'-Dichlorobenzidine		760	U	83	760
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	75	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	89		38 - 105
Phenol-d5	86		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	73		10 - 120
2-Fluorophenol	86		37 - 125
2-Fluorobiphenyl	87		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI1-E (11-13)**

Lab Sample ID: 460-24277-24 Date Sampled: 03/18/2011 1205
Client Matrix: Solid % Moisture: 12.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10116.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 0752			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.70	2500	J
	Unknown Alkane-2	5.79	2700	J
	Unknown-1	5.88	1100	J
	Unknown Alkane-3	6.17	4000	J
	Unknown Alkane-4	6.34	5400	J
	Unknown Alkane-5	6.44	1200	J
	Unknown-2	6.64	1800	J
	Unknown Alkane-7	6.92	2200	J
575-41-7	1,3-Dimethylnaphthalene	7.13	1800	
	Unknown Alkane-8	7.17	1100	J
	Unknown Alkane-9	7.24	3400	J
	Trimethylnaphthalene isomer-1	7.68	1200	J
	Unknown Alkane-12	7.95	2700	J
	Unknown Alkane-13	8.17	2400	J
	Unknown Alkane-14	8.44	14000	J
	Unknown Alkane-15	8.61	2300	J
593-45-3	n-Octadecane	8.86	8500	
	Unknown Alkane-16	8.89	4800	J
	Unknown Alkane-17	9.28	5200	J
	Unknown Alkane-18	9.67	2700	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI2-E (15-17)**

Lab Sample ID: 460-24277-25 Date Sampled: 03/18/2011 1210
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10109.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/30/2011 0444			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	47	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	63	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	57	380
Bis(2-chloroethyl)ether		38	U	7.9	38
2,2'-oxybis[1-chloropropane]		380	U	50	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.5	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	44	380
2-Nitrophenol		380	U	63	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		380	U	56	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		77	U	15	77
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		380	U	56	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	73	380
Diphenyl		380	U	63	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		770	U	100	770
2,6-Dinitrotoluene		77	U	9.7	77
Dimethyl phthalate		380	U	52	380
Acenaphthylene		380	U	55	380
3-Nitroaniline		770	U	86	770
Acenaphthene		380	U	54	380
4-Nitrophenol		1200	U	98	1200
2,4-Dinitrophenol		1200	U	81	1200
Dibenzofuran		380	U	57	380
Diethyl phthalate		380	U	51	380
Fluorene		380	U	65	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		77	U	11	77
4-Chlorophenyl phenyl ether		380	U	66	380
4-Nitroaniline		770	U	79	770
4,6-Dinitro-2-methylphenol		1200	U	180	1200
4-Bromophenyl phenyl ether		380	U	68	380

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI2-E (15-17)**

Lab Sample ID: 460-24277-25 Date Sampled: 03/18/2011 1210
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10109.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/30/2011 0444			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	71	380
Anthracene		380	U	67	380
Carbazole		380	U	61	380
Phenanthrene		380	U	67	380
Pentachlorophenol		1200	U	190	1200
Pyrene		380	U	66	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.7	38
Benzo[a]pyrene		38	U	4.7	38
Benzo[a]anthracene		38	U	7.1	38
N-Nitrosodiphenylamine		380	U	62	380
Butyl benzyl phthalate		380	U	45	380
Bis(2-ethylhexyl) phthalate		380	U	51	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
3,3'-Dichlorobenzidine		770	U	84	770
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	76	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	83		38 - 105
Phenol-d5	81		41 - 118
Terphenyl-d14	78		16 - 151
2,4,6-Tribromophenol	67		10 - 120
2-Fluorophenol	81		37 - 125
2-Fluorobiphenyl	81		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI2-E (15-17)**

Lab Sample ID: 460-24277-25 Date Sampled: 03/18/2011 1210
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10109.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/30/2011 0444			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.42	430	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-VD-E (3.5-4)**

Lab Sample ID: 460-24277-26 Date Sampled: 03/18/2011 1230
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10110.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/30/2011 0511			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	50	340
4-Methylphenol		340	U	57	340
Benzaldehyde		340	U	22	340
Acetophenone		340	U	51	340
Bis(2-chloroethyl)ether		34	U	7.2	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.6	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U	40	340
2-Nitrophenol		340	U	57	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		340	U	51	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		70	U	14	70
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	58	340
2-Methylnaphthalene		340	U	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	62	340
2,4,5-Trichlorophenol		340	U	67	340
Diphenyl		340	U	57	340
2-Chloronaphthalene		340	U	49	340
2-Nitroaniline		700	U	95	700
2,6-Dinitrotoluene		70	U	8.8	70
Dimethyl phthalate		340	U	47	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		700	U	78	700
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	89	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	52	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	53	340
2,4-Dinitrotoluene		70	U	10	70
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		700	U	71	700
4,6-Dinitro-2-methylphenol		1000	U	170	1000
4-Bromophenyl phenyl ether		340	U	62	340

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-VD-E (3.5-4)**

Lab Sample ID: 460-24277-26 Date Sampled: 03/18/2011 1230
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10110.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/30/2011 0511			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	61	340
Carbazole		340	U	55	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	60	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U	4.3	34
Benzo[a]anthracene		34	U	6.4	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	46	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.2	34
3,3'-Dichlorobenzidine		700	U	76	700
1,2,4,5-Tetrachlorobenzene		340	U	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	87		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	67		10 - 120
2-Fluorophenol	83		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-VD-E (3.5-4)**

Lab Sample ID: 460-24277-26 Date Sampled: 03/18/2011 1230
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10110.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/30/2011 0511			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-WT-E (8-8.5)**

Lab Sample ID: 460-24277-27 Date Sampled: 03/18/2011 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10117.d
Dilution:	1.0			Initial Weight/Volume:	14.97 g
Analysis Date:	03/30/2011 0819			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	46	370
2-Chlorophenol		370	U	50	370
2-Methylphenol		370	U	54	370
4-Methylphenol		370	U	61	370
Benzaldehyde		370	U	23	370
Acetophenone		370	U	55	370
Bis(2-chloroethyl)ether		37	U	7.8	37
2,2'-oxybis[1-chloropropane]		370	U	49	370
N-Nitrosodi-n-propylamine		37	U	4.9	37
Nitrobenzene		37	U	8.3	37
Hexachloroethane		37	U	6.3	37
Isophorone		370	U	43	370
2-Nitrophenol		370	U	61	370
2,4-Dimethylphenol		370	U	60	370
2,4-Dichlorophenol		370	U	60	370
Bis(2-chloroethoxy)methane		370	U	53	370
Naphthalene		370	U	54	370
4-Chloroaniline		370	U	47	370
Hexachlorobutadiene		75	U	15	75
Caprolactam		370	U	51	370
4-Chloro-3-methylphenol		370	U	62	370
2-Methylnaphthalene		1900		54	370
Hexachlorobenzene		37	U	5.2	37
Hexachlorocyclopentadiene		370	U	110	370
2,4,6-Trichlorophenol		370	U	67	370
2,4,5-Trichlorophenol		370	U	72	370
Diphenyl		370	U	61	370
2-Chloronaphthalene		370	U	53	370
2-Nitroaniline		750	U	100	750
2,6-Dinitrotoluene		75	U	9.5	75
Dimethyl phthalate		370	U	50	370
Acenaphthylene		370	U	53	370
3-Nitroaniline		750	U	84	750
Acenaphthene		370	U	53	370
4-Nitrophenol		1100	U	96	1100
2,4-Dinitrophenol		1100	U	79	1100
Dibenzofuran		370	U	56	370
Diethyl phthalate		370	U	50	370
Fluorene		370	U	63	370
Fluoranthene		370	U	62	370
Di-n-butyl phthalate		370	U	57	370
2,4-Dinitrotoluene		75	U	11	75
4-Chlorophenyl phenyl ether		370	U	64	370
4-Nitroaniline		750	U	77	750
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		370	U	66	370

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-WT-E (8-8.5)**

Lab Sample ID: 460-24277-27 Date Sampled: 03/18/2011 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10117.d
Dilution:	1.0			Initial Weight/Volume:	14.97 g
Analysis Date:	03/30/2011 0819			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		370	U	69	370
Anthracene		370	U	66	370
Carbazole		370	U	59	370
Phenanthrene		1600		65	370
Pentachlorophenol		1100	U	180	1100
Pyrene		370	U	64	370
Chrysene		370	U	54	370
Benzo[k]fluoranthene		37	U	5.2	37
Benzo[g,h,i]perylene		370	U	39	370
Benzo[b]fluoranthene		37	U	5.5	37
Benzo[a]pyrene		37	U	4.6	37
Benzo[a]anthracene		37	U	6.9	37
N-Nitrosodiphenylamine		370	U	61	370
Butyl benzyl phthalate		370	U	43	370
Bis(2-ethylhexyl) phthalate		370	U	49	370
Di-n-octyl phthalate		370	U	44	370
Indeno[1,2,3-cd]pyrene		37	U	6.0	37
Dibenz(a,h)anthracene		37	U	4.5	37
3,3'-Dichlorobenzidine		750	U	82	750
1,2,4,5-Tetrachlorobenzene		370	U	50	370
2,3,4,6-Tetrachlorophenol		370	U	75	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	112	X	38 - 105
Phenol-d5	87		41 - 118
Terphenyl-d14	84		16 - 151
2,4,6-Tribromophenol	99		10 - 120
2-Fluorophenol	87		37 - 125
2-Fluorobiphenyl	96		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-WT-E (8-8.5)**

Lab Sample ID: 460-24277-27 Date Sampled: 03/18/2011 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10117.d
Dilution:	1.0			Initial Weight/Volume:	14.97 g
Analysis Date:	03/30/2011 0819			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	5.73	5100	J
	Unknown Alkane-5	6.38	6600	J
	Unknown Alkane-7	6.97	5700	J
575-41-7	1,3-Dimethylnaphthalene	7.16	15000	E
	Unknown Alkane-8	7.28	5100	J
	Unknown Alkane-9	7.50	20000	J
	Trimethylnaphthalene isomer-1	7.71	8400	J
	Unknown Alkane-10	7.80	5800	J
	Trimethylnaphthalene isomer-2	7.83	7000	J
	Trimethylnaphthalene isomer-3	7.91	5700	J
	Unknown Alkane-11	8.00	16000	J
	Unknown Alkane-12	8.20	12000	J
	Unknown Cycloalkane-2	8.29	5000	J
	Unknown Alkane-13	8.48	25000	J
	Unknown Alkane-14	8.64	5900	J
593-45-3	n-Octadecane	8.89	32000	E
	Unknown-2	8.92	6700	J
	Unknown Alkane-15	9.31	12000	J
	Unknown Alkane-16	9.69	7600	J
	Unknown Alkane-17	10.06	5700	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-28 Date Sampled: 03/18/2011 1240
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10111.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/30/2011 0538			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	47	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	62	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	56	380
Bis(2-chloroethyl)ether		38	U	7.9	38
2,2'-oxybis[1-chloropropane]		380	U	50	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Nitrobenzene		38	U	8.5	38
Hexachloroethane		38	U	6.4	38
Isophorone		380	U	44	380
2-Nitrophenol		380	U	62	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	54	380
Naphthalene		380	U	56	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		77	U	15	77
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		1000		55	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	73	380
Diphenyl		380	U	63	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		770	U	100	770
2,6-Dinitrotoluene		77	U	9.7	77
Dimethyl phthalate		380	U	51	380
Acenaphthylene		380	U	54	380
3-Nitroaniline		770	U	86	770
Acenaphthene		380	U	54	380
4-Nitrophenol		1100	U	98	1100
2,4-Dinitrophenol		1100	U	81	1100
Dibenzofuran		380	U	57	380
Diethyl phthalate		380	U	51	380
Fluorene		380	U	64	380
Fluoranthene		380	U	63	380
Di-n-butyl phthalate		380	U	58	380
2,4-Dinitrotoluene		77	U	11	77
4-Chlorophenyl phenyl ether		380	U	65	380
4-Nitroaniline		770	U	78	770
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		380	U	68	380

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-28 Date Sampled: 03/18/2011 1240
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10111.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/30/2011 0538			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	71	380
Anthracene		380	U	67	380
Carbazole		380	U	60	380
Phenanthrene		480		66	380
Pentachlorophenol		1100	U	190	1100
Pyrene		74	J	66	380
Chrysene		380	U	55	380
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.7	38
Benzo[a]pyrene		38	U	4.7	38
Benzo[a]anthracene		38	U	7.0	38
N-Nitrosodiphenylamine		380	U	62	380
Butyl benzyl phthalate		380	U	44	380
Bis(2-ethylhexyl) phthalate		380	U	50	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
3,3'-Dichlorobenzidine		770	U	84	770
1,2,4,5-Tetrachlorobenzene		380	U	51	380
2,3,4,6-Tetrachlorophenol		380	U	76	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	85		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	79		16 - 151
2,4,6-Tribromophenol	81		10 - 120
2-Fluorophenol	77		37 - 125
2-Fluorobiphenyl	90		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-28 Date Sampled: 03/18/2011 1240
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10111.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/30/2011 0538			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
124-18-5	n-Decane	4.13	950	
	Unknown Alkane-1	4.98	1500	J
	Unknown Alkane-2	5.39	1700	J
	Unknown Alkane-3	5.70	2500	J
	Unknown Alkane-4	5.79	2100	J
	Unknown Alkane-5	6.17	3300	J
	Unknown Alkane-6	6.34	6100	J
	Unknown Cycloalkane	6.64	1400	J
	Unknown Alkane-7	6.93	3300	J
575-41-7	1,3-Dimethylnaphthalene	7.13	3900	
	Unknown Alkane-9	7.24	2800	J
	Trimethylnaphthalene isomer-2	7.68	1100	J
	Unknown Alkane-12	7.95	2800	J
	Unknown Alkane-13	8.17	1800	J
	Unknown Alkane-14	8.42	12000	J
	Unknown-3	8.44	7100	J
593-45-3	n-Octadecane	8.86	11000	E
	Unknown Alkane-15	8.89	4800	J
	Unknown Alkane-16	9.28	7100	J
	Unknown Alkane-17	9.67	3500	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-VD-E (3.5-4)**

Lab Sample ID: 460-24277-29 Date Sampled: 03/18/2011 1250
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10112.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/30/2011 0604			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	45	370
2-Chlorophenol		370	U	49	370
2-Methylphenol		370	U	53	370
4-Methylphenol		370	U	60	370
Benzaldehyde		370	U	23	370
Acetophenone		370	U	54	370
Bis(2-chloroethyl)ether		37	U	7.6	37
2,2'-oxybis[1-chloropropane]		370	U	48	370
N-Nitrosodi-n-propylamine		37	U	4.8	37
Nitrobenzene		37	U	8.2	37
Hexachloroethane		37	U	6.2	37
Isophorone		370	U	42	370
2-Nitrophenol		370	U	60	370
2,4-Dimethylphenol		370	U	59	370
2,4-Dichlorophenol		370	U	59	370
Bis(2-chloroethoxy)methane		370	U	52	370
Naphthalene		370	U	54	370
4-Chloroaniline		370	U	46	370
Hexachlorobutadiene		74	U	15	74
Caprolactam		370	U	50	370
4-Chloro-3-methylphenol		370	U	61	370
2-Methylnaphthalene		370	U	53	370
Hexachlorobenzene		37	U	5.1	37
Hexachlorocyclopentadiene		370	U	110	370
2,4,6-Trichlorophenol		370	U	66	370
2,4,5-Trichlorophenol		370	U	70	370
Diphenyl		370	U	60	370
2-Chloronaphthalene		370	U	52	370
2-Nitroaniline		740	U	100	740
2,6-Dinitrotoluene		74	U	9.3	74
Dimethyl phthalate		370	U	49	370
Acenaphthylene		370	U	52	370
3-Nitroaniline		740	U	83	740
Acenaphthene		370	U	52	370
4-Nitrophenol		1100	U	94	1100
2,4-Dinitrophenol		1100	U	78	1100
Dibenzofuran		370	U	55	370
Diethyl phthalate		370	U	49	370
Fluorene		370	U	62	370
Fluoranthene		370	U	61	370
Di-n-butyl phthalate		370	U	56	370
2,4-Dinitrotoluene		74	U	11	74
4-Chlorophenyl phenyl ether		370	U	63	370
4-Nitroaniline		740	U	76	740
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		370	U	65	370

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-VD-E (3.5-4)**

Lab Sample ID: 460-24277-29 Date Sampled: 03/18/2011 1250
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10112.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/30/2011 0604			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		370	U	68	370
Anthracene		370	U	65	370
Carbazole		370	U	58	370
Phenanthrene		370	U	64	370
Pentachlorophenol		1100	U	180	1100
Pyrene		370	U	63	370
Chrysene		370	U	53	370
Benzo[k]fluoranthene		37	U	5.1	37
Benzo[g,h,i]perylene		370	U	39	370
Benzo[b]fluoranthene		37	U	5.4	37
Benzo[a]pyrene		37	U	4.5	37
Benzo[a]anthracene		37	U	6.8	37
N-Nitrosodiphenylamine		370	U	60	370
Butyl benzyl phthalate		370	U	43	370
Bis(2-ethylhexyl) phthalate		370	U	49	370
Di-n-octyl phthalate		370	U	43	370
Indeno[1,2,3-cd]pyrene		37	U	5.9	37
Dibenz(a,h)anthracene		37	U	4.4	37
3,3'-Dichlorobenzidine		740	U	81	740
1,2,4,5-Tetrachlorobenzene		370	U	49	370
2,3,4,6-Tetrachlorophenol		370	U	73	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		38 - 105
Phenol-d5	75		41 - 118
Terphenyl-d14	77		16 - 151
2,4,6-Tribromophenol	58		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-VD-E (3.5-4)**

Lab Sample ID: 460-24277-29 Date Sampled: 03/18/2011 1250
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10112.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/30/2011 0604			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **4**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	7.23	370	J
	Unknown	7.36	380	J
	Unknown Alkane-2	8.42	770	J
	Unknown Alkane-3	8.88	320	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-WT-E (8-8.5)**

Lab Sample ID: 460-24277-30 Date Sampled: 03/18/2011 1255
Client Matrix: Solid % Moisture: 8.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10118.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/30/2011 0846			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		360	U	44	360
2-Chlorophenol		360	U	48	360
2-Methylphenol		360	U	52	360
4-Methylphenol		360	U	59	360
Benzaldehyde		360	U	23	360
Acetophenone		360	U	54	360
Bis(2-chloroethyl)ether		36	U	7.5	36
2,2'-oxybis[1-chloropropane]		360	U	47	360
N-Nitrosodi-n-propylamine		36	U	4.8	36
Nitrobenzene		36	U	8.1	36
Hexachloroethane		36	U	6.1	36
Isophorone		360	U	42	360
2-Nitrophenol		360	U	59	360
2,4-Dimethylphenol		360	U	58	360
2,4-Dichlorophenol		360	U	58	360
Bis(2-chloroethoxy)methane		360	U	52	360
Naphthalene		360	U	53	360
4-Chloroaniline		360	U	45	360
Hexachlorobutadiene		73	U	15	73
Caprolactam		360	U	50	360
4-Chloro-3-methylphenol		360	U	61	360
2-Methylnaphthalene		400		53	360
Hexachlorobenzene		36	U	5.0	36
Hexachlorocyclopentadiene		360	U	110	360
2,4,6-Trichlorophenol		360	U	65	360
2,4,5-Trichlorophenol		360	U	70	360
Diphenyl		360	U	60	360
2-Chloronaphthalene		360	U	51	360
2-Nitroaniline		730	U	99	730
2,6-Dinitrotoluene		73	U	9.2	73
Dimethyl phthalate		360	U	49	360
Acenaphthylene		360	U	52	360
3-Nitroaniline		730	U	82	730
Acenaphthene		360	U	51	360
4-Nitrophenol		1100	U	93	1100
2,4-Dinitrophenol		1100	U	77	1100
Dibenzofuran		360	U	54	360
Diethyl phthalate		360	U	49	360
Fluorene		770		61	360
Fluoranthene		360	U	60	360
Di-n-butyl phthalate		360	U	55	360
2,4-Dinitrotoluene		73	U	11	73
4-Chlorophenyl phenyl ether		360	U	62	360
4-Nitroaniline		730	U	75	730
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		360	U	64	360

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-WT-E (8-8.5)**

Lab Sample ID: 460-24277-30 Date Sampled: 03/18/2011 1255
Client Matrix: Solid % Moisture: 8.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10118.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/30/2011 0846			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		360	U	67	360
Anthracene		360	U	64	360
Carbazole		360	U	57	360
Phenanthrene		1400		63	360
Pentachlorophenol		1100	U	180	1100
Pyrene		220	J	63	360
Chrysene		360	U	53	360
Benzo[k]fluoranthene		36	U	5.1	36
Benzo[g,h,i]perylene		360	U	38	360
Benzo[b]fluoranthene		36	U	5.4	36
Benzo[a]pyrene		36	U	4.4	36
Benzo[a]anthracene		36	U	6.7	36
N-Nitrosodiphenylamine		360	U	59	360
Butyl benzyl phthalate		360	U	42	360
Bis(2-ethylhexyl) phthalate		360	U	48	360
Di-n-octyl phthalate		360	U	43	360
Indeno[1,2,3-cd]pyrene		36	U	5.8	36
Dibenz(a,h)anthracene		36	U	4.3	36
3,3'-Dichlorobenzidine		730	U	80	730
1,2,4,5-Tetrachlorobenzene		360	U	49	360
2,3,4,6-Tetrachlorophenol		360	U	72	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	96		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	79		37 - 125
2-Fluorobiphenyl	78		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-WT-E (8-8.5)**

Lab Sample ID: 460-24277-30 Date Sampled: 03/18/2011 1255
Client Matrix: Solid % Moisture: 8.4 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68871	Lab File ID:	p10118.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	03/30/2011 0846			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-3	5.80	2900	J
	Unknown Alkane-4	6.19	3400	J
	Unknown-3	6.66	7800	J
	Unknown-4	6.88	3200	J
	Unknown Alkane-5	6.95	3500	J
	Dimethylnaphthalene isomer	7.07	3200	J
575-41-7	1,3-Dimethylnaphthalene	7.15	10000	E
	Unknown Alkane-6	7.27	11000	J
	Unknown-5	7.39	3400	J
	Trimethylnaphthalene isomer-1	7.60	3100	J
	Trimethylnaphthalene isomer-2	7.70	4700	J
	Trimethylnaphthalene isomer-3	7.73	4300	J
	Unknown Alkane-7	7.79	3500	J
	Trimethylnaphthalene isomer-4	7.90	4400	J
	Unknown-6	8.07	2700	J
	Unknown Alkane-8	8.19	8800	J
	Unknown Cycloalkane	8.28	4200	J
	Unknown Alkane-9	8.46	17000	J
	Unknown Alkane-10	8.91	11000	J
	Trichloro-1,1-biphenyl isomer	9.36	4000	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-SI-E (10.5-11)**

Lab Sample ID: 460-24277-31 Date Sampled: 03/18/2011 1300
Client Matrix: Solid % Moisture: 14.6 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69325	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15644.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/01/2011 1713			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		390	U	47	390
2-Chlorophenol		390	U	52	390
2-Methylphenol		390	U	56	390
4-Methylphenol		390	U	63	390
Benzaldehyde		390	U	24	390
Acetophenone		390	U	58	390
Bis(2-chloroethyl)ether		39	U	8.1	39
2,2'-oxybis[1-chloropropane]		390	U	51	390
N-Nitrosodi-n-propylamine		39	U	5.1	39
Nitrobenzene		39	U	8.7	39
Hexachloroethane		39	U	6.5	39
Isophorone		390	U	45	390
2-Nitrophenol		390	U	64	390
2,4-Dimethylphenol		390	U	62	390
2,4-Dichlorophenol		390	U	62	390
Bis(2-chloroethoxy)methane		390	U	55	390
Naphthalene		540		57	390
4-Chloroaniline		390	U	49	390
Hexachlorobutadiene		78	U	16	78
Caprolactam		390	U	53	390
4-Chloro-3-methylphenol		390	U	65	390
2-Methylnaphthalene		2600	*	57	390
Hexachlorobenzene		39	U	5.4	39
Hexachlorocyclopentadiene		390	U	110	390
2,4,6-Trichlorophenol		390	U	69	390
2,4,5-Trichlorophenol		390	U	75	390
Diphenyl		390	U	64	390
2-Chloronaphthalene		390	U	55	390
2-Nitroaniline		780	U	110	780
2,6-Dinitrotoluene		78	U	9.9	78
Dimethyl phthalate		390	U	52	390
Acenaphthylene		390	U	55	390
3-Nitroaniline		780	U	88	780
Acenaphthene		250	J	55	390
4-Nitrophenol		1200	U	100	1200
2,4-Dinitrophenol		1200	U	82	1200
Dibenzofuran		390	U	58	390
Diethyl phthalate		390	U	52	390
Fluorene		480		66	390
Fluoranthene		390	U	64	390
Di-n-butyl phthalate		390	U	59	390
2,4-Dinitrotoluene		78	U	11	78
4-Chlorophenyl phenyl ether		390	U	67	390
4-Nitroaniline		780	U *	80	780
4,6-Dinitro-2-methylphenol		1200	U	190	1200
4-Bromophenyl phenyl ether		390	U	69	390

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-SI-E (10.5-11)**

Lab Sample ID: 460-24277-31 Date Sampled: 03/18/2011 1300
Client Matrix: Solid % Moisture: 14.6 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69325	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15644.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/01/2011 1713			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		390	U	72	390
Anthracene		390	U	68	390
Carbazole		390	U	62	390
Phenanthrene		900		68	390
Pentachlorophenol		1200	U	190	1200
Pyrene		90	J	67	390
Chrysene		390	U	56	390
Benzo[k]fluoranthene		39	U	5.4	39
Benzo[g,h,i]perylene		390	U	41	390
Benzo[b]fluoranthene		39	U	5.8	39
Benzo[a]pyrene		39	U	4.8	39
Benzo[a]anthracene		39	U	7.2	39
N-Nitrosodiphenylamine		390	U	63	390
Butyl benzyl phthalate		390	U	45	390
Bis(2-ethylhexyl) phthalate		390	U	51	390
Di-n-octyl phthalate		390	U	46	390
Indeno[1,2,3-cd]pyrene		39	U	6.2	39
Dibenz(a,h)anthracene		39	U	4.7	39
3,3'-Dichlorobenzidine		780	U	86	780
1,2,4,5-Tetrachlorobenzene		390	U	52	390
2,3,4,6-Tetrachlorophenol		390	U	78	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		38 - 105
Phenol-d5	90		41 - 118
Terphenyl-d14	72		16 - 151
2,4,6-Tribromophenol	95		10 - 120
2-Fluorophenol	80		37 - 125
2-Fluorobiphenyl	75		40 - 109

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-SI-E (10.5-11)**

Lab Sample ID: 460-24277-31 Date Sampled: 03/18/2011 1300
Client Matrix: Solid % Moisture: 14.6 Date Received: 03/18/2011 1640

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69325	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-69007	Lab File ID:	z15644.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/01/2011 1713			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Ethyldimethylbenzene isomer-1	2.71	2100	J
	Decahydromethylnaphthalene isomer-1	3.29	2200	J
	Unknown Alkane-1	3.93	4800	J
	Unknown Alkane-2	4.31	4000	J
	Unknown-3	4.42	2500	J
90-12-0	1-Methylnaphthalene	4.54	2000	
	Unknown-4	4.58	3500	J
	Unknown-5	4.73	2000	J
	Unknown Alkane-3	4.92	6000	J
	Dimethylnaphthalene isomer-1	5.10	2900	J
575-41-7	1,3-Dimethylnaphthalene	5.17	6000	
	Unknown Alkane-4	5.38	3600	J
	Trimethylnaphthalene isomer-1	5.72	2200	J
	Trimethylnaphthalene isomer-2	5.75	2700	J
	Trimethylnaphthalene isomer-3	5.82	3000	J
	Trimethylnaphthalene isomer-4	5.84	2500	J
	Trimethylnaphthalene isomer-5	5.89	3000	J
	Unknown Alkane-5	6.29	4400	J
	Unknown Alkane-6	6.55	10000	J
	Unknown Alkane-7	6.99	4700	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-1 Date Sampled: 03/17/2011 1355
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1147			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	40	70
Aroclor 1242		120		13	70
Aroclor 1248		70	U	19	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	121		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-1 Date Sampled: 03/17/2011 1355
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1147			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-WT-E (8-8.5)**

Lab Sample ID: 460-24277-2 Date Sampled: 03/17/2011 1357
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0410			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		7700	U	1500	7700
Aroclor 1221		7700	U	2300	7700
Aroclor 1232		7700	U	4300	7700
Aroclor 1242		7700	U	1500	7700
Aroclor 1248		110000		2000	7700
Aroclor 1254		7700	U	2600	7700
Aroclor 1260		7700	U	850	7700
Aroclor 1262		7700	U	1300	7700
Aroclor 1268		7700	U	1300	7700

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-WT-E (8-8.5)**

Lab Sample ID: 460-24277-2 Date Sampled: 03/17/2011 1357
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0410			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-SIE (10.5-11)**

Lab Sample ID: 460-24277-3 Date Sampled: 03/17/2011 1400
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1813			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		75	U	14	75
Aroclor 1221		75	U	23	75
Aroclor 1232		75	U	43	75
Aroclor 1242		1700		14	75
Aroclor 1248		75	U	20	75
Aroclor 1254		75	U	26	75
Aroclor 1260		75	U	8.4	75
Aroclor 1262		75	U	13	75
Aroclor 1268		75	U	13	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-SIE (10.5-11)**

Lab Sample ID: 460-24277-3 Date Sampled: 03/17/2011 1400
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1813			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	75		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (3.5-4)**

Lab Sample ID: 460-24277-4 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 3.8 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1830			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	39	70
Aroclor 1242		85		13	70
Aroclor 1248		70	U	18	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	138		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (3.5-4)**

Lab Sample ID: 460-24277-4 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 3.8 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1830			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	129		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (8-8.5)**

Lab Sample ID: 460-24277-5 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0109			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		14000	U	2700	14000
Aroclor 1221		14000	U	4300	14000
Aroclor 1232		14000	U	8100	14000
Aroclor 1242		270000		2700	14000
Aroclor 1248		14000	U	3800	14000
Aroclor 1254		14000	U	4900	14000
Aroclor 1260		70000		1600	14000
Aroclor 1262		14000	U	2400	14000
Aroclor 1268		14000	U	2400	14000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (8-8.5)**

Lab Sample ID: 460-24277-5 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0109			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (10.5-11)**

Lab Sample ID: 460-24277-6 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 13.3 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0125			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		7700	U	1500	7700
Aroclor 1221		7700	U	2300	7700
Aroclor 1232		7700	U	4400	7700
Aroclor 1242		80000		1500	7700
Aroclor 1248		7700	U	2100	7700
Aroclor 1254		7700	U	2600	7700
Aroclor 1260		20000		860	7700
Aroclor 1262		7700	U	1300	7700
Aroclor 1268		7700	U	1300	7700

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (10.5-11)**

Lab Sample ID: 460-24277-6 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 13.3 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0125			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-7 Date Sampled: 03/17/2011 1430
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1918			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	39	70
Aroclor 1242		65	J	13	70
Aroclor 1248		70	U	18	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	125		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-7 Date Sampled: 03/17/2011 1430
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1918			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-8 Date Sampled: 03/17/2011 1435
Client Matrix: Solid % Moisture: 9.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0142			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		740	U	140	740
Aroclor 1221		740	U	220	740
Aroclor 1232		740	U	420	740
Aroclor 1242		740	U	140	740
Aroclor 1248		9100		200	740
Aroclor 1254		740	U	250	740
Aroclor 1260		1900		82	740
Aroclor 1262		740	U	130	740
Aroclor 1268		740	U	130	740

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-8 Date Sampled: 03/17/2011 1435
Client Matrix: Solid % Moisture: 9.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0142			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST1-E (15-15.5)**

Lab Sample ID: 460-24277-9 Date Sampled: 03/17/2011 1440
Client Matrix: Solid % Moisture: 15.2 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0159			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		160	U	30	160
Aroclor 1221		160	U	48	160
Aroclor 1232		160	U	90	160
Aroclor 1242		160	U	30	160
Aroclor 1248		2700		42	160
Aroclor 1254		160	U	54	160
Aroclor 1260		380		18	160
Aroclor 1262		160	U	27	160
Aroclor 1268		160	U	27	160

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	129		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST1-E (15-15.5)**

Lab Sample ID: 460-24277-9 Date Sampled: 03/17/2011 1440
Client Matrix: Solid % Moisture: 15.2 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0159			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST2-E (23.5-24)**

Lab Sample ID: 460-24277-10 Date Sampled: 03/17/2011 1445
Client Matrix: Solid % Moisture: 16.5 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2008			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		80	U	15	80
Aroclor 1221		80	U	24	80
Aroclor 1232		80	U	45	80
Aroclor 1242		100		15	80
Aroclor 1248		80	U	21	80
Aroclor 1254		80	U	27	80
Aroclor 1260		80	U	9.0	80
Aroclor 1262		80	U	14	80
Aroclor 1268		80	U	14	80

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	120		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST2-E (23.5-24)**

Lab Sample ID: 460-24277-10 Date Sampled: 03/17/2011 1445
Client Matrix: Solid % Moisture: 16.5 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2008			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-VD-E (3.5-4)**

Lab Sample ID: 460-24277-11 Date Sampled: 03/17/2011 1600
Client Matrix: Solid % Moisture: 3.9 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2024			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	39	70
Aroclor 1242		70	U	13	70
Aroclor 1248		330		18	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	123		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-VD-E (3.5-4)**

Lab Sample ID: 460-24277-11 Date Sampled: 03/17/2011 1600
Client Matrix: Solid % Moisture: 3.9 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2024			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	116		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-12 Date Sampled: 03/17/2011 1605
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.03 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0215			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		7400	U	1400	7400
Aroclor 1221		7400	U	2200	7400
Aroclor 1232		7400	U	4200	7400
Aroclor 1242		130000		1400	7400
Aroclor 1248		7400	U	2000	7400
Aroclor 1254		7400	U	2500	7400
Aroclor 1260		7400	U	820	7400
Aroclor 1262		7400	U	1300	7400
Aroclor 1268		7400	U	1300	7400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-12 Date Sampled: 03/17/2011 1605
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.03 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0215			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SI-E (15.5-16)**

Lab Sample ID: 460-24277-13 Date Sampled: 03/17/2011 1610
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2056			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		75	U	14	75
Aroclor 1221		75	U	23	75
Aroclor 1232		75	U	42	75
Aroclor 1242		75	U	14	75
Aroclor 1248		810		20	75
Aroclor 1254		75	U	26	75
Aroclor 1260		75	U	8.4	75
Aroclor 1262		75	U	13	75
Aroclor 1268		75	U	13	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	115		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SI-E (15.5-16)**

Lab Sample ID: 460-24277-13 Date Sampled: 03/17/2011 1610
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2056			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SD-E (23.5-24)**

Lab Sample ID: 460-24277-14 Date Sampled: 03/17/2011 1615
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2112			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		79	U	15	79
Aroclor 1221		79	U	24	79
Aroclor 1232		79	U	45	79
Aroclor 1242		330		15	79
Aroclor 1248		79	U	21	79
Aroclor 1254		79	U	27	79
Aroclor 1260		79	U	8.8	79
Aroclor 1262		79	U	14	79
Aroclor 1268		79	U	14	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	129		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SD-E (23.5-24)**

Lab Sample ID: 460-24277-14 Date Sampled: 03/17/2011 1615
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2112			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	121		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-15 Date Sampled: 03/18/2011 0920
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2128			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		72	U	14	72
Aroclor 1221		72	U	22	72
Aroclor 1232		72	U	41	72
Aroclor 1242		32	J	14	72
Aroclor 1248		72	U	19	72
Aroclor 1254		72	U	25	72
Aroclor 1260		35	J	8.0	72
Aroclor 1262		72	U	12	72
Aroclor 1268		72	U	12	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	127		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-15 Date Sampled: 03/18/2011 0920
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2128			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-WT-E (8.0-8.5)**

Lab Sample ID: 460-24277-16 Date Sampled: 03/18/2011 0925
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0427			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15000	U	2900	15000
Aroclor 1221		15000	U	4600	15000
Aroclor 1232		15000	U	8600	15000
Aroclor 1242		15000	U	2900	15000
Aroclor 1248		220000		4000	15000
Aroclor 1254		15000	U	5200	15000
Aroclor 1260		15000	U	1700	15000
Aroclor 1262		15000	U	2600	15000
Aroclor 1268		15000	U	2600	15000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-WT-E (8.0-8.5)**

Lab Sample ID: 460-24277-16 Date Sampled: 03/18/2011 0925
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.00 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0427			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-17 Date Sampled: 03/18/2011 0930
Client Matrix: Solid % Moisture: 14.9 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0248			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		790	U	150	790
Aroclor 1221		790	U	240	790
Aroclor 1232		790	U	450	790
Aroclor 1242		7300		150	790
Aroclor 1248		790	U	210	790
Aroclor 1254		790	U	270	790
Aroclor 1260		790	U	88	790
Aroclor 1262		790	U	130	790
Aroclor 1268		790	U	130	790

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-17 Date Sampled: 03/18/2011 0930
Client Matrix: Solid % Moisture: 14.9 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0248			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15VD-E (3.5-4)**

Lab Sample ID: 460-24277-18 Date Sampled: 03/18/2011 1025
Client Matrix: Solid % Moisture: 8.3 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2217			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		73	U	14	73
Aroclor 1221		73	U	22	73
Aroclor 1232		73	U	41	73
Aroclor 1242		320		14	73
Aroclor 1248		73	U	19	73
Aroclor 1254		73	U	25	73
Aroclor 1260		73	U	8.1	73
Aroclor 1262		73	U	13	73
Aroclor 1268		73	U	13	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	131		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15VD-E (3.5-4)**

Lab Sample ID: 460-24277-18 Date Sampled: 03/18/2011 1025
Client Matrix: Solid % Moisture: 8.3 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69160	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2217			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	125		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-WT-E (7.5-8)**

Lab Sample ID: 460-24277-19 Date Sampled: 03/18/2011 1030
Client Matrix: Solid % Moisture: 11.8 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.02 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0304			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15000	U	2900	15000
Aroclor 1221		15000	U	4600	15000
Aroclor 1232		15000	U	8600	15000
Aroclor 1242		330000		2900	15000
Aroclor 1248		15000	U	4000	15000
Aroclor 1254		15000	U	5200	15000
Aroclor 1260		15000	U	1700	15000
Aroclor 1262		15000	U	2600	15000
Aroclor 1268		15000	U	2600	15000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-WT-E (7.5-8)**

Lab Sample ID: 460-24277-19 Date Sampled: 03/18/2011 1030
Client Matrix: Solid % Moisture: 11.8 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.02 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0304			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SI-E (15.5-16)**

Lab Sample ID: 460-24277-20 Date Sampled: 03/18/2011 1035
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.05 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0321			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		150	U	30	150
Aroclor 1221		150	U	47	150
Aroclor 1232		150	U	88	150
Aroclor 1242		2500		29	150
Aroclor 1248		150	U	41	150
Aroclor 1254		150	U	53	150
Aroclor 1260		150	U	17	150
Aroclor 1262		150	U	27	150
Aroclor 1268		150	U	27	150

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	138		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SI-E (15.5-16)**

Lab Sample ID: 460-24277-20 Date Sampled: 03/18/2011 1035
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68886	Initial Weight/Volume:	15.05 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0321			Injection Volume:	
Prep Date:	03/30/2011 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	120		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SD-E (23.5-24.0)**

Lab Sample ID: 460-24277-21 Date Sampled: 03/18/2011 1040
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1537			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		77	U	15	77
Aroclor 1221		77	U	23	77
Aroclor 1232		77	U	44	77
Aroclor 1242		74	J	15	77
Aroclor 1248		77	U	21	77
Aroclor 1254		77	U	26	77
Aroclor 1260		77	U	8.6	77
Aroclor 1262		77	U	13	77
Aroclor 1268		77	U	13	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SD-E (23.5-24.0)**

Lab Sample ID: 460-24277-21 Date Sampled: 03/18/2011 1040
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1537			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-VD-E (3-5)**

Lab Sample ID: 460-24277-22 Date Sampled: 03/18/2011 1155
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69159	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.04 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2319			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		35000	U	6700	35000
Aroclor 1221		35000	U	11000	35000
Aroclor 1232		35000	U	20000	35000
Aroclor 1242		35000	U	6700	35000
Aroclor 1248		240000		9400	35000
Aroclor 1254		35000	U	12000	35000
Aroclor 1260		35000	U	3900	35000
Aroclor 1262		35000	U	6100	35000
Aroclor 1268		35000	U	6100	35000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-VD-E (3-5)**

Lab Sample ID: 460-24277-22 Date Sampled: 03/18/2011 1155
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69159	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.04 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2319			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-WT-E (8-8.5)**

Lab Sample ID: 460-24277-23 Date Sampled: 03/18/2011 1200
Client Matrix: Solid % Moisture: 14.7 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69159	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.00 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2335			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		3900	U	750	3900
Aroclor 1221		3900	U	1200	3900
Aroclor 1232		3900	U	2200	3900
Aroclor 1242		3900	U	740	3900
Aroclor 1248		53000		1000	3900
Aroclor 1254		3900	U	1300	3900
Aroclor 1260		3900	U	440	3900
Aroclor 1262		3900	U	670	3900
Aroclor 1268		3900	U	670	3900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-WT-E (8-8.5)**

Lab Sample ID: 460-24277-23 Date Sampled: 03/18/2011 1200
Client Matrix: Solid % Moisture: 14.7 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69159	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.00 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2335			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI1-E (11-13)**

Lab Sample ID: 460-24277-24 Date Sampled: 03/18/2011 1205
Client Matrix: Solid % Moisture: 12.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69159	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.02 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2351			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		380	U	73	380
Aroclor 1221		380	U	120	380
Aroclor 1232		380	U	220	380
Aroclor 1242		380	U	72	380
Aroclor 1248		5900		100	380
Aroclor 1254		380	U	130	380
Aroclor 1260		380	U	43	380
Aroclor 1262		380	U	66	380
Aroclor 1268		380	U	66	380

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	126		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI1-E (11-13)**

Lab Sample ID: 460-24277-24 Date Sampled: 03/18/2011 1205
Client Matrix: Solid % Moisture: 12.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69159	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.02 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 2351			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	123		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI2-E (15-17)**

Lab Sample ID: 460-24277-25 Date Sampled: 03/18/2011 1210
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1644			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		77	U	15	77
Aroclor 1221		77	U	23	77
Aroclor 1232		77	U	44	77
Aroclor 1242		77	U	15	77
Aroclor 1248		130		21	77
Aroclor 1254		77	U	26	77
Aroclor 1260		77	U	8.6	77
Aroclor 1262		77	U	13	77
Aroclor 1268		77	U	13	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI2-E (15-17)**

Lab Sample ID: 460-24277-25 Date Sampled: 03/18/2011 1210
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1644			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-VD-E (3.5-4)**

Lab Sample ID: 460-24277-26 Date Sampled: 03/18/2011 1230
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1700			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	39	70
Aroclor 1242		70	U	13	70
Aroclor 1248		70	U	19	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	32		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-VD-E (3.5-4)**

Lab Sample ID: 460-24277-26 Date Sampled: 03/18/2011 1230
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1700			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	32		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-WT-E (8-8.5)**

Lab Sample ID: 460-24277-27 Date Sampled: 03/18/2011 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69159	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.01 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0007			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		7500	U	1400	7500
Aroclor 1221		7500	U	2300	7500
Aroclor 1232		7500	U	4300	7500
Aroclor 1242		170000		1400	7500
Aroclor 1248		7500	U	2000	7500
Aroclor 1254		7500	U	2600	7500
Aroclor 1260		7500	U	840	7500
Aroclor 1262		7500	U	1300	7500
Aroclor 1268		7500	U	1300	7500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-WT-E (8-8.5)**

Lab Sample ID: 460-24277-27 Date Sampled: 03/18/2011 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69159	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.01 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0007			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-28 Date Sampled: 03/18/2011 1240
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69159	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.02 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0023			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		770	U	150	770
Aroclor 1221		770	U	230	770
Aroclor 1232		770	U	440	770
Aroclor 1242		18000		150	770
Aroclor 1248		770	U	200	770
Aroclor 1254		770	U	260	770
Aroclor 1260		770	U	86	770
Aroclor 1262		770	U	130	770
Aroclor 1268		770	U	130	770

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-28 Date Sampled: 03/18/2011 1240
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69159	Instrument ID:	PESTGC8
Prep Method:	3541	Prep Batch:	460-68889	Initial Weight/Volume:	15.02 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0023			Injection Volume:	
Prep Date:	03/30/2011 0435			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-VD-E (3.5-4)**

Lab Sample ID: 460-24277-29 Date Sampled: 03/18/2011 1250
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69307	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-69030	Initial Weight/Volume:	15.03 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	04/02/2011 0006			Injection Volume:	
Prep Date:	03/31/2011 0906			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		150	U	28	150
Aroclor 1221		150	U	45	150
Aroclor 1232		150	U	84	150
Aroclor 1242		150	U	28	150
Aroclor 1248		2200		39	150
Aroclor 1254		150	U	51	150
Aroclor 1260		700		17	150
Aroclor 1262		150	U	25	150
Aroclor 1268		150	U	25	150

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-VD-E (3.5-4)**

Lab Sample ID: 460-24277-29 Date Sampled: 03/18/2011 1250
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69307	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-69030	Initial Weight/Volume:	15.03 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	04/02/2011 0006			Injection Volume:	
Prep Date:	03/31/2011 0906			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-WT-E (8-8.5)**

Lab Sample ID: 460-24277-30 Date Sampled: 03/18/2011 1255
Client Matrix: Solid % Moisture: 8.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69307	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-69030	Initial Weight/Volume:	15.02 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	04/02/2011 0022			Injection Volume:	
Prep Date:	03/31/2011 0906			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1500	U	280	1500
Aroclor 1221		1500	U	440	1500
Aroclor 1232		1500	U	830	1500
Aroclor 1242		31000		280	1500
Aroclor 1248		1500	U	390	1500
Aroclor 1254		1500	U	500	1500
Aroclor 1260		1500	U	160	1500
Aroclor 1262		1500	U	250	1500
Aroclor 1268		1500	U	250	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-WT-E (8-8.5)**

Lab Sample ID: 460-24277-30 Date Sampled: 03/18/2011 1255
Client Matrix: Solid % Moisture: 8.4 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69307	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-69030	Initial Weight/Volume:	15.02 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	04/02/2011 0022			Injection Volume:	
Prep Date:	03/31/2011 0906			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-SI-E (10.5-11)**

Lab Sample ID: 460-24277-31 Date Sampled: 03/18/2011 1300
Client Matrix: Solid % Moisture: 14.6 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69331	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-69030	Initial Weight/Volume:	15.05 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	04/02/2011 0503			Injection Volume:	
Prep Date:	03/31/2011 0906			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1600	U	300	1600
Aroclor 1221		1600	U	470	1600
Aroclor 1232		1600	U	890	1600
Aroclor 1242		25000		300	1600
Aroclor 1248		1600	U	420	1600
Aroclor 1254		1600	U	530	1600
Aroclor 1260		1600	U	170	1600
Aroclor 1262		1600	U	270	1600
Aroclor 1268		1600	U	270	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-SI-E (10.5-11)**

Lab Sample ID: 460-24277-31 Date Sampled: 03/18/2011 1300
Client Matrix: Solid % Moisture: 14.6 Date Received: 03/18/2011 1640

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69331	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-69030	Initial Weight/Volume:	15.05 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	04/02/2011 0503			Injection Volume:	
Prep Date:	03/31/2011 0906			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-1 Date Sampled: 03/17/2011 1355
Client Matrix: Solid % Moisture: 4.4 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60047.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/02/2011 0737			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.7	U *	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		48 - 112
Chlorobenzene	67		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-WT-E (8-8.5)**

Lab Sample ID: 460-24277-2 Date Sampled: 03/17/2011 1357
Client Matrix: Solid % Moisture: 12.5 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60328.d
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 0955			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		1800		63	63

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	48 - 112
Chlorobenzene	0	D X	32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-9-SIE (10.5-11)**

Lab Sample ID: 460-24277-3 Date Sampled: 03/17/2011 1400
Client Matrix: Solid % Moisture: 11.2 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60049.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/02/2011 0807			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		88	*	6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	80		48 - 112
Chlorobenzene	63		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (3.5-4)**

Lab Sample ID: 460-24277-4 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 3.8 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60329.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/05/2011 1010			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		550		11	11

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	104		48 - 112
Chlorobenzene	59		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (8-8.5)**

Lab Sample ID: 460-24277-5 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 5.7 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60330.d
Dilution:	20			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1020			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		3500		120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	48 - 112
Chlorobenzene	0	D X	32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **DUP-031711 (10.5-11)**

Lab Sample ID: 460-24277-6 Date Sampled: 03/17/2011 0000
Client Matrix: Solid % Moisture: 13.3 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60331.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	04/05/2011 1035			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		740		32	32

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	108		48 - 112
Chlorobenzene	59		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-7 Date Sampled: 03/17/2011 1430
Client Matrix: Solid % Moisture: 4.0 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60053.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	04/02/2011 0904			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		27	*	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	80		48 - 112
Chlorobenzene	69		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-8 Date Sampled: 03/17/2011 1435
Client Matrix: Solid % Moisture: 9.4 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60332.d
Dilution:	50			Initial Weight/Volume:	15.03 g
Analysis Date:	04/05/2011 1049			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5300		300	300

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST1-E (15-15.5)**

Lab Sample ID: 460-24277-9 Date Sampled: 03/17/2011 1440
Client Matrix: Solid % Moisture: 15.2 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60336.d
Dilution:	5.0			Initial Weight/Volume:	14.97 g
Analysis Date:	04/05/2011 1153			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		1200		33	33

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	142	X	48 - 112
Chlorobenzene	59		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-10-ST2-E (23.5-24)**

Lab Sample ID: 460-24277-10 Date Sampled: 03/17/2011 1445
Client Matrix: Solid % Moisture: 16.5 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60060.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 1037			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.6	U *	6.6	6.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	75		48 - 112
Chlorobenzene	70		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-VD-E (3.5-4)**

Lab Sample ID: 460-24277-11 Date Sampled: 03/17/2011 1600
Client Matrix: Solid % Moisture: 3.9 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60061.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	04/02/2011 1052			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.7	U *	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	71		48 - 112
Chlorobenzene	65		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-12 Date Sampled: 03/17/2011 1605
Client Matrix: Solid % Moisture: 9.5 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60411.d
Dilution:	20			Initial Weight/Volume:	15.03 g
Analysis Date:	04/06/2011 0705			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		2600		120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SI-E (15.5-16)**

Lab Sample ID: 460-24277-13 Date Sampled: 03/17/2011 1610
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60063.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	04/02/2011 1122			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.1	U *	6.1	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	68		48 - 112
Chlorobenzene	61		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-13-SD-E (23.5-24)**

Lab Sample ID: 460-24277-14 Date Sampled: 03/17/2011 1615
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68964	Lab File ID:	gcr60064.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/02/2011 1134			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.5	U *	6.5	6.5

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	69		48 - 112
Chlorobenzene	61		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-15 Date Sampled: 03/18/2011 0920
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69832	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60543.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	04/07/2011 1451			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		7.4		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	101		48 - 112
Chlorobenzene	84		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-WT-E (8.0-8.5)**

Lab Sample ID: 460-24277-16 Date Sampled: 03/18/2011 0925
Client Matrix: Solid % Moisture: 11.6 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60356.d
Dilution:	50			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1655			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		5400		310	310

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-16-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-17 Date Sampled: 03/18/2011 0930
Client Matrix: Solid % Moisture: 14.9 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60357.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	04/05/2011 1710			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		1000		32	32

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	131	X	48 - 112
Chlorobenzene	65		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15VD-E (3.5-4)**

Lab Sample ID: 460-24277-18 Date Sampled: 03/18/2011 1025
Client Matrix: Solid % Moisture: 8.3 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69832	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60544.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/07/2011 1506			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.0	U	6.0	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	96		48 - 112
Chlorobenzene	81		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-WT-E (7.5-8)**

Lab Sample ID: 460-24277-19 Date Sampled: 03/18/2011 1030
Client Matrix: Solid % Moisture: 11.8 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60358.d
Dilution:	100			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1725			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		14000		620	620

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SI-E (15.5-16)**

Lab Sample ID: 460-24277-20 Date Sampled: 03/18/2011 1035
Client Matrix: Solid % Moisture: 13.6 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69832	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60545.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/07/2011 1518			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.9		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	94		48 - 112
Chlorobenzene	79		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-15-SD-E (23.5-24.0)**

Lab Sample ID: 460-24277-21 Date Sampled: 03/18/2011 1040
Client Matrix: Solid % Moisture: 13.2 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69832	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60537.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	04/07/2011 1329			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.3	U	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	88		48 - 112
Chlorobenzene	75		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-VD-E (3-5)**

Lab Sample ID: 460-24277-22 Date Sampled: 03/18/2011 1155
Client Matrix: Solid % Moisture: 5.4 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60359.d
Dilution:	50			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1735			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		9000		290	290

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-WT-E (8-8.5)**

Lab Sample ID: 460-24277-23 Date Sampled: 03/18/2011 1200
Client Matrix: Solid % Moisture: 14.7 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60360.d
Dilution:	20			Initial Weight/Volume:	15.03 g
Analysis Date:	04/05/2011 1740			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		4100		130	130

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI1-E (11-13)**

Lab Sample ID: 460-24277-24 Date Sampled: 03/18/2011 1205
Client Matrix: Solid % Moisture: 12.4 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69780	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60427.d
Dilution:	25			Initial Weight/Volume:	15.00 g
Analysis Date:	04/06/2011 1058			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		4800		160	160

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-28-SI2-E (15-17)**

Lab Sample ID: 460-24277-25 Date Sampled: 03/18/2011 1210
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69832	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60538.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/07/2011 1343			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		31		6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	99		48 - 112
Chlorobenzene	82		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-VD-E (3.5-4)**

Lab Sample ID: 460-24277-26 Date Sampled: 03/18/2011 1230
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69832	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60546.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	04/07/2011 1532			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		7.9		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	89		48 - 112
Chlorobenzene	76		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-WT-E (8-8.5)**

Lab Sample ID: 460-24277-27 Date Sampled: 03/18/2011 1235
Client Matrix: Solid % Moisture: 11.0 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69780	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60428.d
Dilution:	50			Initial Weight/Volume:	15.00 g
Analysis Date:	04/06/2011 1113			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6600		310	310

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-17-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-28 Date Sampled: 03/18/2011 1240
Client Matrix: Solid % Moisture: 13.1 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69780	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60429.d
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/06/2011 1135			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		590		32	32

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	64		48 - 112
Chlorobenzene	69		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-VD-E (3.5-4)**

Lab Sample ID: 460-24277-29 Date Sampled: 03/18/2011 1250
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69832	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60547.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/07/2011 1547			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		41		6.1	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	98		48 - 112
Chlorobenzene	75		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-WT-E (8-8.5)**

Lab Sample ID: 460-24277-30 Date Sampled: 03/18/2011 1255
Client Matrix: Solid % Moisture: 8.4 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69780	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60430.d
Dilution:	20			Initial Weight/Volume:	15.02 g
Analysis Date:	04/06/2011 1150			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		3400		120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Client Sample ID: **PMP-18-SI-E (10.5-11)**

Lab Sample ID: 460-24277-31 Date Sampled: 03/18/2011 1300
Client Matrix: Solid % Moisture: 14.6 Date Received: 03/18/2011 1640

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69780	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-69044	Lab File ID:	gcr60431.d
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	04/06/2011 1205			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		1400		64	64

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

General Chemistry

Client Sample ID: **PMP-9-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-1 Date Sampled: 03/17/2011 1355
Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0955						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	95.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9-WT-E (8-8.5)**

Lab Sample ID: 460-24277-2 Date Sampled: 03/17/2011 1357

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	21.3	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0956						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	87.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9-SIE (10.5-11)**

Lab Sample ID: 460-24277-3 Date Sampled: 03/17/2011 1400

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	37.5	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0956						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	88.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP-031711 (3.5-4)**

Lab Sample ID: 460-24277-4 Date Sampled: 03/17/2011 0000
Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68820	Analysis Date: 03/29/2011 1124						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	96.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP-031711 (8-8.5)**

Lab Sample ID: 460-24277-5 Date Sampled: 03/17/2011 0000
Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0955						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	94.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP-031711 (10.5-11)**

Lab Sample ID: 460-24277-6 Date Sampled: 03/17/2011 0000

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0955						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	86.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-7 Date Sampled: 03/17/2011 1430

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0955						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	96.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-8 Date Sampled: 03/17/2011 1435

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0955						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	90.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10-ST1-E (15-15.5)**

Lab Sample ID: 460-24277-9 Date Sampled: 03/17/2011 1440
Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	37.9	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0955						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	84.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10-ST2-E (23.5-24)**

Lab Sample ID: 460-24277-10 Date Sampled: 03/17/2011 1445

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	23.1	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0955						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	83.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13-VD-E (3.5-4)**

Lab Sample ID: 460-24277-11 Date Sampled: 03/17/2011 1600

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1042						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	96.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13-WT-E (7.5-8.0)**

Lab Sample ID: 460-24277-12 Date Sampled: 03/17/2011 1605

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1042						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	90.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13-SI-E (15.5-16)**

Lab Sample ID: 460-24277-13 Date Sampled: 03/17/2011 1610

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1042						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	89.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13-SD-E (23.5-24)**

Lab Sample ID: 460-24277-14 Date Sampled: 03/17/2011 1615

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1042						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	84.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-16-VD-E (3.5-4.0)**

Lab Sample ID: 460-24277-15 Date Sampled: 03/18/2011 0920

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1042						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	93.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-16-WT-E (8.0-8.5)**

Lab Sample ID: 460-24277-16 Date Sampled: 03/18/2011 0925

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1042						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	88.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-16-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-17 Date Sampled: 03/18/2011 0930

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	38.4	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1042						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	85.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15VD-E (3.5-4)**

Lab Sample ID: 460-24277-18 Date Sampled: 03/18/2011 1025

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1047						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	91.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15-WT-E (7.5-8)**

Lab Sample ID: 460-24277-19 Date Sampled: 03/18/2011 1030

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1201						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	88.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15-SI-E (15.5-16)**

Lab Sample ID: 460-24277-20 Date Sampled: 03/18/2011 1035

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1047						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	86.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15-SD-E (23.5-24.0)**

Lab Sample ID: 460-24277-21 Date Sampled: 03/18/2011 1040

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1201						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	86.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28-VD-E (3-5)**

Lab Sample ID: 460-24277-22 Date Sampled: 03/18/2011 1155

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1201						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	94.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28-WT-E (8-8.5)**

Lab Sample ID: 460-24277-23 Date Sampled: 03/18/2011 1200

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1201						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	85.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28-SI1-E (11-13)**

Lab Sample ID: 460-24277-24 Date Sampled: 03/18/2011 1205

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1201						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	87.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28-SI2-E (15-17)**

Lab Sample ID: 460-24277-25 Date Sampled: 03/18/2011 1210

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	30.9	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1201						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	86.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-17-VD-E (3.5-4)**

Lab Sample ID: 460-24277-26 Date Sampled: 03/18/2011 1230

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1047						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	95.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-17-WT-E (8-8.5)**

Lab Sample ID: 460-24277-27 Date Sampled: 03/18/2011 1235

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1047						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	89.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-17-SI-E (10.5-11.0)**

Lab Sample ID: 460-24277-28 Date Sampled: 03/18/2011 1240

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	21.7	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1048						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	86.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-18-VD-E (3.5-4)**

Lab Sample ID: 460-24277-29 Date Sampled: 03/18/2011 1250

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	25.7	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69070	Analysis Date: 03/31/2011 1048						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	90.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-18-WT-E (8-8.5)**

Lab Sample ID: 460-24277-30 Date Sampled: 03/18/2011 1255

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69086	Analysis Date: 03/31/2011 1306						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	91.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-18-SI-E (10.5-11)**

Lab Sample ID: 460-24277-31 Date Sampled: 03/18/2011 1300

Client Matrix: Solid Date Received: 03/18/2011 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	22.5	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-69086	Analysis Date: 03/31/2011 1306						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N
Percent Solids	85.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1129						DryWt Corrected: N

Client: Antea USA, Inc. Job Number: 460-24277-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-24277-3	PMP-9-SIE (10.5-11)	93	90	94
460-24277-7	PMP-10-VD-E (3.5-4.0)	97	91	95
460-24277-9	PMP-10-ST1-E (15-15.5)	94	92	95
460-24277-10	PMP-10-ST2-E (23.5-24)	93	90	94
460-24277-11	PMP-13-VD-E (3.5-4)	94	91	94
460-24277-13	PMP-13-SI-E (15.5-16)	96	91	94
460-24277-15	PMP-16-VD-E (3.5-4.0)	97	90	98
460-24277-18	PMP-15VD-E (3.5-4)	100	95	103
460-24277-20	PMP-15-SI-E (15.5-16)	91	89	95
460-24277-21	PMP-15-SD-E (23.5-24.0)	90	90	96
460-24277-22	PMP-28-VD-E (3-5)	97	88	101
460-24277-25	PMP-28-SI2-E (15-17)	95	90	94
460-24277-28	PMP-17-SI-E (10.5-11.0)	95	91	95
460-24277-29	PMP-18-VD-E (3.5-4)	99	90	97
460-24277-30	PMP-18-WT-E (8-8.5)	78	71	75
MB 460-68548/5		88	91	95
MB 460-68639/5		92	88	93
MB 460-68728/5		92	88	93
MB 460-68801/5		91	89	91
LCS 460-68548/3		94	91	94
LCS 460-68639/3		88	93	99
LCS 460-68728/3		93	90	96
LCS 460-68801/3		93	93	98
LCSD 460-68548/4		91	93	98
LCSD 460-68639/4		89	89	96

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Client: Antea USA, Inc.

Job Number: 460-24277-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
LCSD 460-68728/4		74	72	77
LCSD 460-68801/4		75	75	78

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-24277-1	PMP-9-VD-E (3.5-4.0)	100	84	104
460-24277-2	PMP-9-WT-E (8-8.5)	105	90	111
460-24277-4	DUP-031711 (3.5-4)	98	91	111
460-24277-5	DUP-031711 (8-8.5)	92	81	101
460-24277-6	DUP-031711 (10.5-11)	80	69	87
460-24277-8	PMP-10-WT-E (7.5-8.0)	106	93	114
460-24277-12	PMP-13-WT-E (7.5-8.0)	87	77	95
460-24277-14	PMP-13-SD-E (23.5-24)	72	81	107
460-24277-16	PMP-16-WT-E (8.0-8.5)	83	74	89
460-24277-17	PMP-16-SI-E (10.5-11.0)	92	83	104
460-24277-19	PMP-15-WT-E (7.5-8)	84	71	104
460-24277-23	PMP-28-WT-E (8-8.5)	95	86	110
460-24277-24	PMP-28-SI1-E (11-13)	99	85	121
460-24277-26	PMP-17-VD-E (3.5-4)	91	85	108
460-24277-27	PMP-17-WT-E (8-8.5)	91	82	110
460-24277-31	PMP-18-SI-E (10.5-11)	80	71	84
MB 460-68208/4		97	90	98
MB 460-68358/4		112	102	116
MB 460-68512/4		117	107	119
MB 460-68934/4		71	81	110
MB 460-69045/4		113	99	107
LCS 460-68208/3		105	94	102
LCS 460-68358/3		104	98	104
LCS 460-68512/3		101	93	102
LCS 460-68934/3		79	91	120

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = Bromofluorobenzene	50-124

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
LCS 460-69045/3		124	110	116
460-24277-31 MS	PMP-18-SI-E (10.5-11) MS	87	77	91
460-24265-D-6-A MS		70	80	106
460-24279-D-2-A MS		89	67	96
460-24232-C-2-A MS		88	70	91
460-24288-A-1-A MS		103	92	104
460-24277-31 MSD	PMP-18-SI-E (10.5-11) MSD	85	73	90
460-24265-D-6-A MSD		70	84	111
460-24279-D-2-A MSD		90	72	113
460-24232-C-2-A MSD		96	74	99
460-24288-A-1-A MSD		110	92	106

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = Bromofluorobenzene	50-124

Client: Antea USA, Inc. Job Number: 460-24277-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-24277-1	PMP-9-VD-E (3.5-4.0)	75	77	79	77	76	85
460-24277-2	PMP-9-WT-E (8-8.5)	80	82	144X	103	77	71
460-24277-3	PMP-9-SIE (10.5-11)	78	84	76	79	96	83
460-24277-4	DUP-031711 (3.5-4)	78	84	78	82	90	75
460-24277-5	DUP-031711 (8-8.5)	0	0	0	0	0	0
460-24277-6	DUP-031711 (10.5-11)	73	82	81	76	85	76
460-24277-7	PMP-10-VD-E (3.5-4.0)	69	77	72	82	38	111
460-24277-8	PMP-10-WT-E (7.5-8.0)	60	71	61	74	42	82
460-24277-9	PMP-10-ST1-E (15-15.5)	72	82	81	84	104	82
460-24277-10	PMP-10-ST2-E (23.5-24)	67	74	66	68	76	96
460-24277-11	PMP-13-VD-E (3.5-4)	69	79	72	80	59	99
460-24277-12	PMP-13-WT-E (7.5-8.0)	84	83	92	88	98	78
460-24277-13	PMP-13-SI-E (15.5-16)	79	80	81	79	72	78
460-24277-14	PMP-13-SD-E (23.5-24)	82	80	86	82	70	83
460-24277-15	PMP-16-VD-E (3.5-4.0)	84	85	87	84	70	79
460-24277-16	PMP-16-WT-E (8.0-8.5)	74	75	129X	73	46	81
460-24277-17	PMP-16-SI-E (10.5-11.0)	84	85	103	77	76	81
460-24277-18	PMP-15VD-E (3.5-4)	81	81	86	83	70	89
460-24277-19	PMP-15-WT-E (7.5-8)	91	91	149X	107	71	91
460-24277-20	PMP-15-SI-E (15.5-16)	81	80	85	83	68	88
460-24277-21	PMP-15-SD-E (23.5-24.0)	80	79	81	81	64	78
460-24277-22	PMP-28-VD-E (3-5)	86	87	88	83	70	82

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Client: Antea USA, Inc. Job Number: 460-24277-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-24277-23	PMP-28-WT-E (8-8.5)	89	88	101	88	71	86
460-24277-24	PMP-28-SI1-E (11-13)	86	86	89	87	73	82
460-24277-25	PMP-28-SI2-E (15-17)	81	81	83	81	67	78
460-24277-26	PMP-17-VD-E (3.5-4)	83	83	87	84	67	81
460-24277-27	PMP-17-WT-E (8-8.5)	87	87	112X	96	99	84
460-24277-28	PMP-17-SI-E (10.5-11.0)	77	79	85	90	81	79
460-24277-29	PMP-18-VD-E (3.5-4)	74	75	82	79	58	77
460-24277-30	PMP-18-WT-E (8-8.5)	79	82	96	78	65	80
460-24277-31	PMP-18-SI-E (10.5-11)	80	90	79	75	95	72
MB 460-68798/1-A		82	86	88	91	90	82
MB 460-68871/1-A		87	91	88	84	79	82
MB 460-69007/1-A		71	79	73	69	83	75
LCS 460-68798/2-A		82	81	76	73	101	92
LCS 460-68871/2-A		85	85	87	85	82	85
LCS 460-69007/2-A		70	76	75	73	88	75
460-24277-7 MS	PMP-10-VD-E (3.5-4.0) MS	88	90	84	77	91	115
460-24277-12 MS	PMP-13-WT-E (7.5-8.0) MS	88	88	96	95	100	88
460-24279-F-1-B MS		68	72	71	73	88	76
460-24277-7 MSD	PMP-10-VD-E (3.5-4.0) MSD	79	87	80	74	86	107
460-24277-12 MSD	PMP-13-WT-E (7.5-8.0) MSD	92	93	104	97	99	86
460-24279-F-1-C MSD		70	74	74	75	91	78

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-24277-1	PMP-9-VD-E (3.5-4.0)	121	114
460-24277-2	PMP-9-WT-E (8-8.5)	0X D	0X D
460-24277-3	PMP-9-SIE (10.5-11)	82	75
460-24277-4	DUP-031711 (3.5-4)	138	129
460-24277-5	DUP-031711 (8-8.5)	0X D	0X D
460-24277-6	DUP-031711 (10.5-11)	0X D	0X D
460-24277-7	PMP-10-VD-E (3.5-4.0)	125	117
460-24277-8	PMP-10-WT-E (7.5-8.0)	0X D	0D X
460-24277-9	PMP-10-ST1-E (15-15.5)	129	112
460-24277-10	PMP-10-ST2-E (23.5-24)	120	114
460-24277-11	PMP-13-VD-E (3.5-4)	123	116
460-24277-12	PMP-13-WT-E (7.5-8.0)	0X D	0X D
460-24277-13	PMP-13-SI-E (15.5-16)	115	107
460-24277-14	PMP-13-SD-E (23.5-24)	129	121
460-24277-15	PMP-16-VD-E (3.5-4.0)	127	117
460-24277-16	PMP-16-WT-E (8.0-8.5)	0X D	0X D
460-24277-17	PMP-16-SI-E (10.5-11.0)	0X D	0X D
460-24277-18	PMP-15VD-E (3.5-4)	131	125
460-24277-19	PMP-15-WT-E (7.5-8)	0X D	0X D
460-24277-20	PMP-15-SI-E (15.5-16)	138	120
460-24277-21	PMP-15-SD-E (23.5-24.0)	92	96
460-24277-22	PMP-28-VD-E (3-5)	0D X	0D X

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Client: Antea USA, Inc.

Job Number: 460-24277-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-24277-23	PMP-28-WT-E (8-8.5)	0D X	0D X
460-24277-24	PMP-28-SI1-E (11-13)	126	123
460-24277-25	PMP-28-SI2-E (15-17)	104	106
460-24277-26	PMP-17-VD-E (3.5-4)	32	32
460-24277-27	PMP-17-WT-E (8-8.5)	0D X	0D X
460-24277-28	PMP-17-SI-E (10.5-11.0)	0D X	0D X
460-24277-29	PMP-18-VD-E (3.5-4)	114	104
460-24277-30	PMP-18-WT-E (8-8.5)	0D X	0D X
460-24277-31	PMP-18-SI-E (10.5-11)	0X D	0X D
MB 460-68886/1-A		141	134
MB 460-68889/1-A		101	105
MB 460-69030/1-A		127	122
LCS 460-68886/2-A		137	130
LCS 460-68889/2-A		88	92
LCS 460-69030/2-A		126	119
460-24277-1 MS	PMP-9-VD-E (3.5-4.0) MS	125	118
460-24337-A-13-A MS		105	106
460-24281-A-31-A MS		124	118
460-24277-1 MSD	PMP-9-VD-E (3.5-4.0) MSD	116	109
460-24337-A-13-B MSD		103	106
460-24281-A-31-B MSD		108	103

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Client: Antea USA, Inc.

Job Number: 460-24277-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-24277-1	PMP-9-VD-E (3.5-4.0)	67	78
460-24277-2	PMP-9-WT-E (8-8.5)	0D X	0D X
460-24277-3	PMP-9-SIE (10.5-11)	63	80
460-24277-4	DUP-031711 (3.5-4)	59	104
460-24277-5	DUP-031711 (8-8.5)	0D X	0D X
460-24277-6	DUP-031711 (10.5-11)	59	108
460-24277-7	PMP-10-VD-E (3.5-4.0)	69	80
460-24277-8	PMP-10-WT-E (7.5-8.0)	0X D	0X D
460-24277-9	PMP-10-ST1-E (15-15.5)	59	142X
460-24277-10	PMP-10-ST2-E (23.5-24)	70	75
460-24277-11	PMP-13-VD-E (3.5-4)	65	71
460-24277-12	PMP-13-WT-E (7.5-8.0)	0X D	0X D
460-24277-13	PMP-13-SI-E (15.5-16)	61	68
460-24277-14	PMP-13-SD-E (23.5-24)	61	69
460-24277-15	PMP-16-VD-E (3.5-4.0)	84	101
460-24277-16	PMP-16-WT-E (8.0-8.5)	0X D	0X D
460-24277-17	PMP-16-SI-E (10.5-11.0)	65	131X
460-24277-18	PMP-15VD-E (3.5-4)	81	96
460-24277-19	PMP-15-WT-E (7.5-8)	0X D	0X D
460-24277-20	PMP-15-SI-E (15.5-16)	79	94
460-24277-21	PMP-15-SD-E (23.5-24.0)	75	88
460-24277-22	PMP-28-VD-E (3-5)	0X D	0X D

Surrogate	Acceptance Limits
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Client: Antea USA, Inc.

Job Number: 460-24277-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-24277-23	PMP-28-WT-E (8-8.5)	0X D	0X D
460-24277-24	PMP-28-SI1-E (11-13)	0X D	0X D
460-24277-25	PMP-28-SI2-E (15-17)	82	99
460-24277-26	PMP-17-VD-E (3.5-4)	76	89
460-24277-27	PMP-17-WT-E (8-8.5)	0X D	0X D
460-24277-28	PMP-17-SI-E (10.5-11.0)	69	64
460-24277-29	PMP-18-VD-E (3.5-4)	75	98
460-24277-30	PMP-18-WT-E (8-8.5)	0X D	0X D
460-24277-31	PMP-18-SI-E (10.5-11)	0X D	0X D
MB 460-68964/1-A		68	73
MB 460-69044/1-A		99	116X
LCS 460-68964/2-A		58	77
LCS 460-68964/2-A		60	84
LCS 460-69044/2-A		101	117X
460-24277-1 MS	PMP-9-VD-E (3.5-4.0) MS	78	97
460-24277-15 MS	PMP-16-VD-E (3.5-4.0) MS	120X	145X
460-24277-1 MSD	PMP-9-VD-E (3.5-4.0) MSD	78	95
460-24277-15 MSD	PMP-16-VD-E (3.5-4.0) MSD	99	122X

Surrogate	Acceptance Limits
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67851

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24265-D-6-A MS	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	460-67851	Lab File ID:	p45584.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	4.68 g
Analysis Date:	03/30/2011 1441			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 1831				
Leach Date:	N/A				

MSD Lab Sample ID:	460-24265-D-6-A MSD	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	460-67851	Lab File ID:	p45585.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	4.68 g
Analysis Date:	03/30/2011 1506			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 1831				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	80	93	52 - 144	15	30		
Bromomethane	72	87	58 - 164	18	30		
Vinyl chloride	98	110	55 - 154	12	30		
Chloroethane	94	110	66 - 144	15	30		
Methylene Chloride	93	106	78 - 118	13	30		
Acetone	163	146	48 - 177	11	30		
Carbon disulfide	84	96	70 - 120	14	30		
Trichlorofluoromethane	103	111	60 - 148	7	30		
1,1-Dichloroethene	105	121	68 - 138	14	30		
1,1-Dichloroethane	89	101	79 - 119	13	30		
trans-1,2-Dichloroethene	98	112	73 - 119	14	30		
cis-1,2-Dichloroethene	93	102	78 - 118	9	30		
Chloroform	92	100	81 - 122	9	30		
2-Butanone	66	66	70 - 139	1	30	F	F
1,2-Dichloroethane	84	94	81 - 121	11	30		
1,1,1-Trichloroethane	92	108	78 - 118	16	30		
Carbon tetrachloride	99	108	64 - 130	9	30		
Benzene	83	97	71 - 118	14	30		
Bromoform	79	92	76 - 133	15	30		
Styrene	75	85	73 - 126	13	30		
Ethylbenzene	87	98	78 - 124	12	30		
Chlorobenzene	85	98	69 - 124	15	30		
Cyclohexane	90	101	69 - 128	12	30		
Isopropylbenzene	97	112	80 - 143	14	30		
2-Hexanone	59	46	62 - 123	25	30	F	J F
MTBE	79	84	65 - 143	7	30		
Freon TF	99	113	50 - 128	14	30		
Methyl acetate	76	86	72 - 165	13	30		
1,4-Dioxane	0	0	54 - 147	NC	30	U F	U F
Trichloroethene	93	104	82 - 122	12	30		
Toluene	82	94	79 - 136	14	30		
trans-1,3-Dichloropropene	73	84	73 - 118	13	30		
4-Methyl-2-pentanone	57	63	69 - 124	9	30	F	F

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67851

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24265-D-6-A MS	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	460-67851	Lab File ID:	p45584.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	4.68 g
Analysis Date:	03/30/2011 1441			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 1831				
Leach Date:	N/A				

MSD Lab Sample ID:	460-24265-D-6-A MSD	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	460-67851	Lab File ID:	p45585.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	4.68 g
Analysis Date:	03/30/2011 1506			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 1831				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	76	87	75 - 120	14	30		
1,2-Dichlorobenzene	88	100	83 - 123	13	30		
1,3-Dichlorobenzene	87	101	83 - 123	15	30		
1,4-Dichlorobenzene	88	100	84 - 124	12	30		
1,2,4-Trichlorobenzene	90	102	62 - 144	13	30		
1,2,3-Trichlorobenzene	85	100	36 - 207	16	30		
1,2-Dichloropropane	82	92	78 - 118	11	30		
Methylcyclohexane	95	103	80 - 134	8	30		
Tetrachloroethene	92	102	78 - 136	10	30		
Xylenes, Total	83	98	78 - 126	17	30		
1,2-Dibromo-3-Chloropropane	62	75	62 - 127	19	30		
1,1,2,2-Tetrachloroethane	69	77	86 - 145	12	30	F	F
1,1,2-Trichloroethane	76	84	77 - 120	10	30	F	
Dibromochloromethane	78	90	78 - 118	15	30		
1,2-Dibromoethane	74	85	76 - 120	14	30	F	
Dichlorodifluoromethane	111	126	41 - 149	12	30		
Bromochloromethane	96	109	81 - 121	12	30		
Bromodichloromethane	86	98	78 - 118	13	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	70	70	57 - 135
Toluene-d8 (Surr)	80	84	46 - 130
Bromofluorobenzene	106	111	50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67851

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24265-D-6-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-24265-D-6-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	03/30/2011 1441			Analysis Date:	03/30/2011 1506
Prep Date:	03/18/2011 1831			Prep Date:	03/18/2011 1831
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	62	U	1250	1250	998		1160	
Bromomethane	62	U	1250	1250	904		1080	
Vinyl chloride	62	U	1250	1250	1220		1380	
Chloroethane	62	U	1250	1250	1180		1370	
Methylene Chloride	62	U	1250	1250	1160		1330	
Acetone	620	U	1250	1250	2040		1830	
Carbon disulfide	62	U	1250	1250	1040		1200	
Trichlorofluoromethane	62	U	1250	1250	1290		1390	
1,1-Dichloroethene	62	U	1250	1250	1310		1510	
1,1-Dichloroethane	62	U	1250	1250	1110		1260	
trans-1,2-Dichloroethene	62	U	1250	1250	1220		1400	
cis-1,2-Dichloroethene	62	U	1250	1250	1160		1270	
Chloroform	62	U	1250	1250	1150		1250	
2-Butanone	620	U	1250	1250	827	F	823	F
1,2-Dichloroethane	62	U	1250	1250	1050		1180	
1,1,1-Trichloroethane	62	U	1250	1250	1150		1340	
Carbon tetrachloride	62	U	1250	1250	1240		1350	
Benzene	100		1250	1250	1140		1310	
Bromoform	62	U	1250	1250	983		1150	
Styrene	62	U	1250	1250	934		1060	
Ethylbenzene	62	U	1250	1250	1090		1220	
Chlorobenzene	62	U	1250	1250	1060		1220	
Cyclohexane	62	U	1250	1250	1120		1260	
Isopropylbenzene	62	U	1250	1250	1220		1400	
2-Hexanone	620	U	1250	1250	734	F	572	J F
MTBE	62	U	1250	1250	986		1060	
Freon TF	62	U	1250	1250	1230		1420	
Methyl acetate	120	U	1250	1250	944		1080	
1,4-Dioxane	3100	U	9370	9370	3100	U F	3100	U F
Trichloroethene	62	U	1250	1250	1160		1310	
Toluene	62	U	1250	1250	1020		1170	
trans-1,3-Dichloropropene	62	U	1250	1250	914		1050	
4-Methyl-2-pentanone	620	U	1250	1250	717	F	783	F
cis-1,3-Dichloropropene	62	U	1250	1250	944		1090	
1,2-Dichlorobenzene	62	U	1250	1250	1100		1250	
1,3-Dichlorobenzene	62	U	1250	1250	1080		1260	
1,4-Dichlorobenzene	62	U	1250	1250	1110		1250	
1,2,4-Trichlorobenzene	62	U	1250	1250	1120		1280	
1,2,3-Trichlorobenzene	62	U	1250	1250	1060		1250	
1,2-Dichloropropane	62	U	1250	1250	1030		1150	
Methylcyclohexane	62	U	1250	1250	1180		1280	
Tetrachloroethene	62	U	1250	1250	1150		1270	
Xylenes, Total	190	U	3750	3750	3100		3690	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67851

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24265-D-6-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	50		
Analysis Date:	03/30/2011 1441		
Prep Date:	03/18/2011 1831		
Leach Date:	N/A		

MSD Lab Sample ID:	460-24265-D-6-A MSD
Client Matrix:	Solid
Dilution:	50
Analysis Date:	03/30/2011 1506
Prep Date:	03/18/2011 1831
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2-Dibromo-3-Chloropropane	62	U	1250	1250	769		934	
1,1,2,2-Tetrachloroethane	62	U	1250	1250	860	F	968	F
1,1,2-Trichloroethane	62	U	1250	1250	954	F	1050	
Dibromochloromethane	62	U	1250	1250	971		1130	
1,2-Dibromoethane	62	U	1250	1250	919	F	1060	
Dichlorodifluoromethane	62	U	1250	1250	1390		1570	
Bromochloromethane	62	U	1250	1250	1200		1360	
Bromodichloromethane	62	U	1250	1250	1080		1230	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67874

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24232-C-2-A MS	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67874	Lab File ID:	j98576.d
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	4.9 g
Analysis Date:	03/23/2011 1315			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 2121				
Leach Date:	N/A				

MSD Lab Sample ID:	460-24232-C-2-A MSD	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67874	Lab File ID:	j98577.d
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	4.9 g
Analysis Date:	03/23/2011 1347			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 2121				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	75	90	52 - 144	18	30		
Bromomethane	93	113	58 - 164	19	30		
Vinyl chloride	78	86	55 - 154	10	30		
Chloroethane	94	105	66 - 144	11	30		
Methylene Chloride	96	112	78 - 118	16	30		
Acetone	115	151	48 - 177	27	30	J	J
Carbon disulfide	88	99	70 - 120	12	30		
Trichlorofluoromethane	75	90	60 - 148	19	30		
1,1-Dichloroethene	66	98	68 - 138	16	30	F	
1,1-Dichloroethane	96	111	79 - 119	10	30		
trans-1,2-Dichloroethene	98	111	73 - 119	13	30		
cis-1,2-Dichloroethene	98	115	78 - 118	14	30		
Chloroform	101	116	81 - 122	12	30		
2-Butanone	101	124	70 - 139	21	30	J	J
1,2-Dichloroethane	118	133	81 - 121	12	30		F
1,1,1-Trichloroethane	-304	-8	78 - 118	12	30	4	4
Carbon tetrachloride	93	106	64 - 130	13	30		
Benzene	86	100	71 - 118	11	30		
Bromoform	87	94	76 - 133	8	30		
Styrene	94	105	73 - 126	11	30		
Ethylbenzene	93	104	78 - 124	10	30		
Chlorobenzene	94	105	69 - 124	11	30		
Cyclohexane	118	135	69 - 128	14	30		F
Isopropylbenzene	96	110	80 - 143	13	30		
2-Hexanone	89	97	62 - 123	8	30	J	J
MTBE	96	113	65 - 143	16	30		
Freon TF	107	126	50 - 128	16	30		
Methyl acetate	85	98	72 - 165	14	30		
1,4-Dioxane	86	69	54 - 147	23	30	J	J
Trichloroethene	-837	-96	82 - 122	12	30	4	4
Toluene	88	105	79 - 136	15	30		
trans-1,3-Dichloropropene	89	99	73 - 118	11	30		
4-Methyl-2-pentanone	91	102	69 - 124	11	30	J	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67874

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24232-C-2-A MS	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67874	Lab File ID:	j98576.d
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	4.9 g
Analysis Date:	03/23/2011 1315			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 2121				
Leach Date:	N/A				

MSD Lab Sample ID:	460-24232-C-2-A MSD	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67874	Lab File ID:	j98577.d
Dilution:	200	Leach Batch:	N/A	Initial Weight/Volume:	4.9 g
Analysis Date:	03/23/2011 1347			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 2121				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	91	105	75 - 120	15	30		
1,2-Dichlorobenzene	103	114	83 - 123	9	30		
1,3-Dichlorobenzene	103	117	83 - 123	13	30		
1,4-Dichlorobenzene	101	116	84 - 124	13	30		
1,2,4-Trichlorobenzene	150	124	62 - 144	19	30	F	
1,2,3-Trichlorobenzene	133	140	36 - 207	6	30		
1,2-Dichloropropane	103	127	78 - 118	21	30		F
Methylcyclohexane	81	99	80 - 134	15	30		
Tetrachloroethene	89	100	78 - 136	10	30		
Xylenes, Total	93	107	78 - 126	13	30		
1,2-Dibromo-3-Chloropropane	100	108	62 - 127	8	30		
1,1,2,2-Tetrachloroethane	106	111	86 - 145	5	30		
1,1,2-Trichloroethane	97	108	77 - 120	11	30		
Dibromochloromethane	88	97	78 - 118	10	30		
1,2-Dibromoethane	88	102	76 - 120	15	30		
Dichlorodifluoromethane	56	62	41 - 149	9	30		
Bromochloromethane	100	113	81 - 121	12	30		
Bromodichloromethane	103	117	78 - 118	13	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	96	57 - 135
Toluene-d8 (Surr)	70	74	46 - 130
Bromofluorobenzene	91	99	50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67874

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24279-D-2-A MS	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67874	Lab File ID:	j98788.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.6 g
Analysis Date:	03/31/2011 1458			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 2118				
Leach Date:	N/A				

MSD Lab Sample ID:	460-24279-D-2-A MSD	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67874	Lab File ID:	j98792.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.6 g
Analysis Date:	03/31/2011 1708			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 2118				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	92	129	52 - 144	33	30		F
Bromomethane	76	102	58 - 164	29	30		
Vinyl chloride	88	129	55 - 154	38	30		F
Chloroethane	78	108	66 - 144	33	30		F
Methylene Chloride	89	86	78 - 118	3	30		
Acetone	119	114	48 - 177	4	30		
Carbon disulfide	76	77	70 - 120	2	30		
Trichlorofluoromethane	70	115	60 - 148	49	30		F
1,1-Dichloroethene	76	85	68 - 138	11	30		
1,1-Dichloroethane	98	97	79 - 119	1	30		
trans-1,2-Dichloroethene	88	89	73 - 119	2	30		
cis-1,2-Dichloroethene	92	92	78 - 118	0	30		
Chloroform	96	95	81 - 122	1	30		
2-Butanone	87	93	70 - 139	7	30	J	J
1,2-Dichloroethane	103	102	81 - 121	0	30		
1,1,1-Trichloroethane	84	89	78 - 118	6	30		
Carbon tetrachloride	73	82	64 - 130	12	30		
Benzene	86	84	71 - 118	3	30		
Bromoform	79	72	76 - 133	9	30		F
Styrene	85	85	73 - 126	0	30		
Ethylbenzene	82	88	78 - 124	5	30		
Chlorobenzene	91	93	69 - 124	2	30		
Cyclohexane	83	104	69 - 128	22	30		
Isopropylbenzene	82	97	80 - 143	12	30		
2-Hexanone	74	72	62 - 123	4	30	J	J
MTBE	95	88	65 - 143	8	30		
Freon TF	77	52	50 - 128	39	30		F
Methyl acetate	89	71	72 - 165	23	30		F
1,4-Dioxane	73	80	54 - 147	10	30		
Trichloroethene	94	96	82 - 122	2	30		
Toluene	84	83	79 - 136	2	30		
trans-1,3-Dichloropropene	83	84	73 - 118	1	30		
4-Methyl-2-pentanone	83	88	69 - 124	6	30	J	J

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67874

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24279-D-2-A MS	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67874	Lab File ID:	j98788.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.6 g
Analysis Date:	03/31/2011 1458			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 2118				
Leach Date:	N/A				

MSD Lab Sample ID:	460-24279-D-2-A MSD	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67874	Lab File ID:	j98792.d
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.6 g
Analysis Date:	03/31/2011 1708			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 2118				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	86	85	75 - 120	1	30		
1,2-Dichlorobenzene	107	119	83 - 123	10	30		
1,3-Dichlorobenzene	97	118	83 - 123	19	30		
1,4-Dichlorobenzene	100	112	84 - 124	12	30		
1,2,4-Trichlorobenzene	106	120	62 - 144	7	30		
1,2,3-Trichlorobenzene	64	74	36 - 207	15	30		
1,2-Dichloropropane	99	99	78 - 118	0	30		
Methylcyclohexane	93	127	80 - 134	26	30		
Tetrachloroethene	78	91	78 - 136	15	30		
Xylenes, Total	75	82	78 - 126	6	30	F	
1,2-Dibromo-3-Chloropropane	138	146	62 - 127	6	30	F	F
1,1,2,2-Tetrachloroethane	215	229	86 - 145	6	30	F	F
1,1,2-Trichloroethane	98	94	77 - 120	5	30		
Dibromochloromethane	82	78	78 - 118	5	30		
1,2-Dibromoethane	82	78	76 - 120	6	30		
Dichlorodifluoromethane	53	124	41 - 149	80	30		F
Bromochloromethane	91	96	81 - 121	6	30		
Bromodichloromethane	95	96	78 - 118	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	90	57 - 135
Toluene-d8 (Surr)	67	72	46 - 130
Bromofluorobenzene	96	113	50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67874

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24232-C-2-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-24232-C-2-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	200			Dilution:	200
Analysis Date:	03/23/2011 1315			Analysis Date:	03/23/2011 1347
Prep Date:	03/18/2011 2121			Prep Date:	03/18/2011 2121
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	240	U	1200	1200	903		1080	
Bromomethane	240	U	1200	1200	1120		1350	
Vinyl chloride	240	U	1200	1200	942		1040	
Chloroethane	240	U	1200	1200	1130		1260	
Methylene Chloride	240	U	1200	1200	1150		1350	
Acetone	2400	U	1200	1200	1380	J	1810	J
Carbon disulfide	240	U	1200	1200	1060		1200	
Trichlorofluoromethane	240	U	1200	1200	900		1090	
1,1-Dichloroethene	1400		1200	1200	2220	F	2600	
1,1-Dichloroethane	620		1200	1200	1770		1950	
trans-1,2-Dichloroethene	240	U	1200	1200	1170		1330	
cis-1,2-Dichloroethene	250		1200	1200	1430		1640	
Chloroform	160	J	1200	1200	1370		1550	
2-Butanone	2400	U	1200	1200	1220	J	1500	J
1,2-Dichloroethane	240	U	1200	1200	1420		1600	F
1,1,1-Trichloroethane	32000		1200	1200	28300	4	31900	4
Carbon tetrachloride	240	U	1200	1200	1120		1280	
Benzene	400		1200	1200	1430		1600	
Bromoform	240	U	1200	1200	1040		1130	
Styrene	240	U	1200	1200	1130		1260	
Ethylbenzene	160	J	1200	1200	1280		1410	
Chlorobenzene	240	U	1200	1200	1140		1260	
Cyclohexane	240	U	1200	1200	1420		1630	F
Isopropylbenzene	82	J	1200	1200	1240		1410	
2-Hexanone	2400	U	1200	1200	1080	J	1160	J
MTBE	240	U	1200	1200	1160		1360	
Freon TF	240	U	1200	1200	1290		1520	
Methyl acetate	480	U	1200	1200	1020		1180	
1,4-Dioxane	12000	U	9320	9320	8010	J	6390	J
Trichloroethene	78000		1200	1200	67900	4	76800	4
Toluene	210	J	1200	1200	1270		1470	
trans-1,3-Dichloropropene	240	U	1200	1200	1070		1190	
4-Methyl-2-pentanone	2400	U	1200	1200	1090	J	1220	J
cis-1,3-Dichloropropene	240	U	1200	1200	1090		1270	
1,2-Dichlorobenzene	240	U	1200	1200	1240		1370	
1,3-Dichlorobenzene	240	U	1200	1200	1240		1410	
1,4-Dichlorobenzene	240	U	1200	1200	1220		1390	
1,2,4-Trichlorobenzene	240	U	1200	1200	1800	F	1490	
1,2,3-Trichlorobenzene	240	U	1200	1200	1590		1680	
1,2-Dichloropropane	240	U	1200	1200	1240		1530	F
Methylcyclohexane	390		1200	1200	1360		1580	
Tetrachloroethene	140	J	1200	1200	1220		1340	
Xylenes, Total	170	J	3610	3610	3520		4030	

Client: Antea USA, Inc.

Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67874

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24232-C-2-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-24232-C-2-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	200			Dilution:	200
Analysis Date:	03/23/2011 1315			Analysis Date:	03/23/2011 1347
Prep Date:	03/18/2011 2121			Prep Date:	03/18/2011 2121
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2-Dibromo-3-Chloropropane	240	U	1200	1200	1200	1300
1,1,2,2-Tetrachloroethane	240	U	1200	1200	1270	1340
1,1,2-Trichloroethane	240	U	1200	1200	1160	1300
Dibromochloromethane	240	U	1200	1200	1060	1170
1,2-Dibromoethane	240	U	1200	1200	1050	1220
Dichlorodifluoromethane	240	U	1200	1200	679	741
Bromochloromethane	240	U	1200	1200	1200	1350
Bromodichloromethane	240	U	1200	1200	1240	1400

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67874

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24279-D-2-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-24279-D-2-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	03/31/2011 1458			Analysis Date:	03/31/2011 1708
Prep Date:	03/18/2011 2118			Prep Date:	03/18/2011 2118
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	51	U	1010	1010	935		1300	F
Bromomethane	51	U	1010	1010	769		1030	
Vinyl chloride	51	U	1010	1010	888		1310	F
Chloroethane	51	U	1010	1010	787		1090	F
Methylene Chloride	51	U	1010	1010	905		873	
Acetone	510	U	1010	1010	1200		1150	
Carbon disulfide	51	U	1010	1010	769		782	
Trichlorofluoromethane	51	U	1010	1010	705		1160	F
1,1-Dichloroethene	51	U	1010	1010	773		861	
1,1-Dichloroethane	51	U	1010	1010	990		978	
trans-1,2-Dichloroethene	51	U	1010	1010	885		900	
cis-1,2-Dichloroethene	32	J	1010	1010	964		967	
Chloroform	51	U	1010	1010	966		960	
2-Butanone	510	U	1010	1010	884	J	944	J
1,2-Dichloroethane	51	U	1010	1010	1040		1030	
1,1,1-Trichloroethane	51	U	1010	1010	849		903	
Carbon tetrachloride	51	U	1010	1010	734		827	
Benzene	51	U	1010	1010	866		845	
Bromoform	51	U	1010	1010	794		728	F
Styrene	51	U	1010	1010	857		856	
Ethylbenzene	310		1010	1010	1140		1200	
Chlorobenzene	51	U	1010	1010	919		936	
Cyclohexane	51	U	1010	1010	839		1050	
Isopropylbenzene	430		1010	1010	1260		1410	
2-Hexanone	510	U	1010	1010	752	J	724	J
MTBE	51	U	1010	1010	963		891	
Freon TF	51	U	1010	1010	775		524	F
Methyl acetate	100	U	1010	1010	901		715	F
1,4-Dioxane	2500	U	7580	7580	5510		6080	
Trichloroethene	51	U	1010	1010	949		972	
Toluene	12	J	1010	1010	862		849	
trans-1,3-Dichloropropene	51	U	1010	1010	834		845	
4-Methyl-2-pentanone	510	U	1010	1010	837	J	891	J
cis-1,3-Dichloropropene	51	U	1010	1010	867		854	
1,2-Dichlorobenzene	51	U	1010	1010	1080		1200	
1,3-Dichlorobenzene	51	U	1010	1010	981		1190	
1,4-Dichlorobenzene	51	U	1010	1010	1010		1140	
1,2,4-Trichlorobenzene	960		1010	1010	2040		2180	
1,2,3-Trichlorobenzene	51	U	1010	1010	645		748	
1,2-Dichloropropane	51	U	1010	1010	1000		997	
Methylcyclohexane	180		1010	1010	1120		1460	
Tetrachloroethene	51	U	1010	1010	790		916	
Xylenes, Total	900		3030	3030	3180	F	3390	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67874

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24279-D-2-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	100		
Analysis Date:	03/31/2011 1458		
Prep Date:	03/18/2011 2118		
Leach Date:	N/A		

MSD Lab Sample ID:	460-24279-D-2-A MSD
Client Matrix:	Solid
Dilution:	100
Analysis Date:	03/31/2011 1708
Prep Date:	03/18/2011 2118
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2-Dibromo-3-Chloropropane	51	U	1010	1010	1390	F	1480	F
1,1,2,2-Tetrachloroethane	51	U	1010	1010	2180	F	2310	F
1,1,2-Trichloroethane	51	U	1010	1010	995		950	
Dibromochloromethane	51	U	1010	1010	830		790	
1,2-Dibromoethane	51	U	1010	1010	832		786	
Dichlorodifluoromethane	51	U	1010	1010	537		1250	F
Bromochloromethane	51	U	1010	1010	915		969	
Bromodichloromethane	51	U	1010	1010	960		970	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67903

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24277-31	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67903	Lab File ID:	j98669.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	11.49 g
Analysis Date:	03/25/2011 1605			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1606				
Leach Date:	N/A				

MSD Lab Sample ID:	460-24277-31	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67903	Lab File ID:	j98670.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	11.49 g
Analysis Date:	03/25/2011 1638			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1606				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	104	104	52 - 144	1	30		
Bromomethane	87	87	58 - 164	1	30		
Vinyl chloride	108	102	55 - 154	5	30		
Chloroethane	79	80	66 - 144	1	30		
Methylene Chloride	89	87	78 - 118	2	30		
Acetone	104	42	48 - 177	12	30	4	4
Carbon disulfide	74	72	70 - 120	3	30		
Trichlorofluoromethane	89	86	60 - 148	3	30		
1,1-Dichloroethene	76	74	68 - 138	2	30		
1,1-Dichloroethane	95	97	79 - 119	2	30		
trans-1,2-Dichloroethene	87	87	73 - 119	0	30		
cis-1,2-Dichloroethene	96	97	78 - 118	0	30		
Chloroform	97	95	81 - 122	2	30		
2-Butanone	106	93	70 - 139	7	30		
1,2-Dichloroethane	105	99	81 - 121	6	30		
1,1,1-Trichloroethane	87	86	78 - 118	0	30		
Carbon tetrachloride	73	71	64 - 130	4	30		
Benzene	96	91	71 - 118	5	30		
Bromoform	83	81	76 - 133	3	30		
Styrene	86	84	73 - 126	3	30		
Ethylbenzene	86	80	78 - 124	5	30		
Chlorobenzene	94	90	69 - 124	4	30		
Cyclohexane	103	95	69 - 128	8	30		
Isopropylbenzene	89	81	80 - 143	7	30		
2-Hexanone	82	83	62 - 123	1	30		
MTBE	92	90	65 - 143	2	30		
Freon TF	76	72	50 - 128	6	30		
Methyl acetate	89	88	72 - 165	1	30		
1,4-Dioxane	82	89	54 - 147	9	30		
Trichloroethene	91	89	82 - 122	3	30		
Toluene	89	88	79 - 136	1	30		
trans-1,3-Dichloropropene	92	87	73 - 118	5	30		
4-Methyl-2-pentanone	104	98	69 - 124	6	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67903

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24277-31	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67903	Lab File ID:	j98669.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	11.49 g
Analysis Date:	03/25/2011 1605			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1606				
Leach Date:	N/A				

MSD Lab Sample ID:	460-24277-31	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67903	Lab File ID:	j98670.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	11.49 g
Analysis Date:	03/25/2011 1638			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 1606				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	91	89	75 - 120	2	30		
1,2-Dichlorobenzene	88	86	83 - 123	1	30		
1,3-Dichlorobenzene	86	85	83 - 123	1	30		
1,4-Dichlorobenzene	87	82	84 - 124	3	30		F
1,2,4-Trichlorobenzene	17	21	62 - 144	11	30	F	F
1,2,3-Trichlorobenzene	17	19	36 - 207	11	30	F	F
1,2-Dichloropropane	99	97	78 - 118	2	30		
Methylcyclohexane	95	80	80 - 134	11	30		
Tetrachloroethene	81	78	78 - 136	4	30		
Xylenes, Total	91	81	78 - 126	7	30		
1,2-Dibromo-3-Chloropropane	91	93	62 - 127	3	30		
1,1,2,2-Tetrachloroethane	146	152	86 - 145	4	30	F	F
1,1,2-Trichloroethane	102	97	77 - 120	5	30		
Dibromochloromethane	90	87	78 - 118	4	30		
1,2-Dibromoethane	87	87	76 - 120	1	30		
Dichlorodifluoromethane	99	94	41 - 149	5	30		
Bromochloromethane	97	95	81 - 121	2	30		
Bromodichloromethane	102	95	78 - 118	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	85	57 - 135
Toluene-d8 (Surr)	77	73	46 - 130
Bromofluorobenzene	91	90	50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67903

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24277-31	Units:	ug/Kg	MSD Lab Sample ID:	460-24277-31
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	03/25/2011 1605			Analysis Date:	03/25/2011 1638
Prep Date:	03/19/2011 1606			Prep Date:	03/19/2011 1606
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	25	U	510	510	528		531	
Bromomethane	25	U	510	510	445		442	
Vinyl chloride	25	U	510	510	548		520	
Chloroethane	25	U	510	510	401		406	
Methylene Chloride	25	U	510	510	452		442	
Acetone	2400		510	510	2900	4	2580	4
Carbon disulfide	12	J	510	510	392		381	
Trichlorofluoromethane	25	U	510	510	455		440	
1,1-Dichloroethene	25	U	510	510	387		378	
1,1-Dichloroethane	25	U	510	510	486		496	
trans-1,2-Dichloroethene	25	U	510	510	445		444	
cis-1,2-Dichloroethene	25	U	510	510	491		493	
Chloroform	25	U	510	510	493		484	
2-Butanone	470		510	510	1010		941	
1,2-Dichloroethane	25	U	510	510	536		504	
1,1,1-Trichloroethane	25	U	510	510	441		441	
Carbon tetrachloride	25	U	510	510	374		361	
Benzene	40		510	510	531		505	
Bromoform	25	U	510	510	426		413	
Styrene	25	U	510	510	440		426	
Ethylbenzene	160		510	510	598		568	
Chlorobenzene	25	U	510	510	477		457	
Cyclohexane	25	U	510	510	527		484	
Isopropylbenzene	120		510	510	577		538	
2-Hexanone	250	U	510	510	420		424	
MTBE	25	U	510	510	469		457	
Freon TF	25	U	510	510	390		366	
Methyl acetate	51	U	510	510	454		449	
1,4-Dioxane	1300	U	3820	3820	3120		3400	
Trichloroethene	25	U	510	510	464		452	
Toluene	3.5	J	510	510	456		451	
trans-1,3-Dichloropropene	25	U	510	510	468		443	
4-Methyl-2-pentanone	250	U	510	510	531		501	
cis-1,3-Dichloropropene	25	U	510	510	464		456	
1,2-Dichlorobenzene	25	U	510	510	447		441	
1,3-Dichlorobenzene	54		510	510	492		489	
1,4-Dichlorobenzene	270		510	510	709		685	F
1,2,4-Trichlorobenzene	79		510	510	167	F	187	F
1,2,3-Trichlorobenzene	25	U	510	510	86.7	F	96.4	F
1,2-Dichloropropane	25	U	510	510	504		493	
Methylcyclohexane	250		510	510	737		661	
Tetrachloroethene	25	U	510	510	411		397	
Xylenes, Total	650		1530	1530	2040		1890	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67903

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24277-31	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	50		
Analysis Date:	03/25/2011 1605		
Prep Date:	03/19/2011 1606		
Leach Date:	N/A		

MSD Lab Sample ID:	460-24277-31
Client Matrix:	Solid
Dilution:	50
Analysis Date:	03/25/2011 1638
Prep Date:	03/19/2011 1606
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2-Dibromo-3-Chloropropane	25	U	510	510	463		476	
1,1,2,2-Tetrachloroethane	25	U	510	510	746	F	774	F
1,1,2-Trichloroethane	25	U	510	510	521		493	
Dibromochloromethane	25	U	510	510	458		441	
1,2-Dibromoethane	25	U	510	510	442		445	
Dichlorodifluoromethane	25	U	510	510	504		481	
Bromochloromethane	25	U	510	510	492		483	
Bromodichloromethane	25	U	510	510	523		486	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67907

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24288-A-1-A MS	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67907	Lab File ID:	j98621.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.24 g
Analysis Date:	03/24/2011 1211			Final Weight/Volume:	10 mL
Prep Date:	03/19/2011 1728				
Leach Date:	N/A				

MSD Lab Sample ID:	460-24288-A-1-A MSD	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67907	Lab File ID:	j98622.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.24 g
Analysis Date:	03/24/2011 1243			Final Weight/Volume:	10 mL
Prep Date:	03/19/2011 1728				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	100	111	52 - 144	11	30		
Bromomethane	89	84	58 - 164	6	30		
Vinyl chloride	101	104	55 - 154	3	30		
Chloroethane	79	80	66 - 144	2	30		
Methylene Chloride	85	88	78 - 118	5	30		
Acetone	99	113	48 - 177	14	30		
Carbon disulfide	76	79	70 - 120	4	30		
Trichlorofluoromethane	88	85	60 - 148	4	30		
1,1-Dichloroethene	81	84	68 - 138	4	30		
1,1-Dichloroethane	93	101	79 - 119	9	30		
trans-1,2-Dichloroethene	87	92	73 - 119	6	30		
cis-1,2-Dichloroethene	90	95	78 - 118	6	30		
Chloroform	92	99	81 - 122	7	30		
2-Butanone	81	84	70 - 139	4	30		
1,2-Dichloroethane	99	104	81 - 121	6	30		
1,1,1-Trichloroethane	96	98	78 - 118	3	30		
Carbon tetrachloride	88	87	64 - 130	1	30		
Benzene	93	94	71 - 118	1	30		
Bromoform	82	88	76 - 133	7	30		
Styrene	92	97	73 - 126	5	30		
Ethylbenzene	105	102	78 - 124	3	30		
Chlorobenzene	96	97	69 - 124	0	30		
Cyclohexane	97	96	69 - 128	1	30		
Isopropylbenzene	114	112	80 - 143	1	30		
2-Hexanone	69	75	62 - 123	9	30		
MTBE	86	94	65 - 143	9	30		
Freon TF	103	100	50 - 128	3	30		
Methyl acetate	72	79	72 - 165	9	30		
1,4-Dioxane	62	85	54 - 147	32	30		F
Trichloroethene	93	98	82 - 122	5	30		
Toluene	94	97	79 - 136	3	30		
trans-1,3-Dichloropropene	90	92	73 - 118	2	30		
4-Methyl-2-pentanone	81	85	69 - 124	5	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67907

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24288-A-1-A MS	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67907	Lab File ID:	j98621.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.24 g
Analysis Date:	03/24/2011 1211			Final Weight/Volume:	10 mL
Prep Date:	03/19/2011 1728				
Leach Date:	N/A				

MSD Lab Sample ID:	460-24288-A-1-A MSD	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-67907	Lab File ID:	j98622.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.24 g
Analysis Date:	03/24/2011 1243			Final Weight/Volume:	10 mL
Prep Date:	03/19/2011 1728				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	90	94	75 - 120	5	30		
1,2-Dichlorobenzene	92	99	83 - 123	7	30		
1,3-Dichlorobenzene	97	105	83 - 123	8	30		
1,4-Dichlorobenzene	97	100	84 - 124	2	30		
1,2,4-Trichlorobenzene	75	94	62 - 144	22	30		
1,2,3-Trichlorobenzene	46	101	36 - 207	75	30		F
1,2-Dichloropropane	97	103	78 - 118	6	30		
Methylcyclohexane	113	109	80 - 134	4	30		
Tetrachloroethene	98	98	78 - 136	1	30		
Xylenes, Total	97	97	78 - 126	0	30		
1,2-Dibromo-3-Chloropropane	67	74	62 - 127	10	30		
1,1,2,2-Tetrachloroethane	109	134	86 - 145	20	30		
1,1,2-Trichloroethane	93	98	77 - 120	6	30		
Dibromochloromethane	88	91	78 - 118	3	30		
1,2-Dibromoethane	82	90	76 - 120	9	30		
Dichlorodifluoromethane	94	90	41 - 149	4	30		
Bromochloromethane	91	95	81 - 121	5	30		
Bromodichloromethane	92	99	78 - 118	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	110	57 - 135
Toluene-d8 (Surr)	92	92	46 - 130
Bromofluorobenzene	104	106	50 - 124

Client: Antea USA, Inc.

Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67907

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24288-A-1-A MS	Units: ug/Kg	MSD Lab Sample ID:	460-24288-A-1-A MSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	50		Dilution:	50	
Analysis Date:	03/24/2011 1211		Analysis Date:	03/24/2011 1243	
Prep Date:	03/19/2011 1728		Prep Date:	03/19/2011 1728	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Chloromethane	110	U	2290	2290	2280	2540	
Bromomethane	110	U	2290	2290	2040	1920	
Vinyl chloride	110	U	2290	2290	2320	2390	
Chloroethane	110	U	2290	2290	1810	1840	
Methylene Chloride	110	U	2290	2290	1940	2030	
Acetone	1100	U	2290	2290	2260	2600	
Carbon disulfide	92	J	2290	2290	1830	1910	
Trichlorofluoromethane	110	U	2290	2290	2030	1950	
1,1-Dichloroethene	110	U	2290	2290	1850	1920	
1,1-Dichloroethane	110	U	2290	2290	2130	2330	
trans-1,2-Dichloroethene	110	U	2290	2290	1980	2120	
cis-1,2-Dichloroethene	110	U	2290	2290	2060	2170	
Chloroform	110	U	2290	2290	2110	2260	
2-Butanone	1100	U	2290	2290	1860	1930	
1,2-Dichloroethane	110	U	2290	2290	2260	2390	
1,1,1-Trichloroethane	110	U	2290	2290	2190	2250	
Carbon tetrachloride	110	U	2290	2290	2010	1990	
Benzene	110	U	2290	2290	2130	2160	
Bromoform	110	U	2290	2290	1870	2010	
Styrene	110	U	2290	2290	2120	2220	
Ethylbenzene	110	U	2290	2290	2410	2350	
Chlorobenzene	110	U	2290	2290	2210	2210	
Cyclohexane	110	U	2290	2290	2230	2210	
Isopropylbenzene	110	U	2290	2290	2610	2570	
2-Hexanone	1100	U	2290	2290	1580	1720	
MTBE	110	U	2290	2290	1970	2160	
Freon TF	110	U	2290	2290	2370	2300	
Methyl acetate	230	U	2290	2290	1660	1820	
1,4-Dioxane	5700	U	17200	17200	10600	14600	F
Trichloroethene	110	U	2290	2290	2130	2250	
Toluene	110	U	2290	2290	2150	2230	
trans-1,3-Dichloropropene	110	U	2290	2290	2070	2110	
4-Methyl-2-pentanone	1100	U	2290	2290	1850	1940	
cis-1,3-Dichloropropene	110	U	2290	2290	2060	2160	
1,2-Dichlorobenzene	110	U	2290	2290	2120	2260	
1,3-Dichlorobenzene	110	U	2290	2290	2220	2410	
1,4-Dichlorobenzene	110	U	2290	2290	2230	2280	
1,2,4-Trichlorobenzene	110	U	2290	2290	1730	2150	
1,2,3-Trichlorobenzene	110	U	2290	2290	1050	2320	F
1,2-Dichloropropane	110	U	2290	2290	2230	2370	
Methylcyclohexane	96	J	2290	2290	2690	2590	
Tetrachloroethene	110	U	2290	2290	2260	2240	
Xylenes, Total	340	U	6880	6880	6650	6670	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67907

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24288-A-1-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	50		
Analysis Date:	03/24/2011 1211		
Prep Date:	03/19/2011 1728		
Leach Date:	N/A		

MSD Lab Sample ID:	460-24288-A-1-A MSD
Client Matrix:	Solid
Dilution:	50
Analysis Date:	03/24/2011 1243
Prep Date:	03/19/2011 1728
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2-Dibromo-3-Chloropropane	110	U	2290	2290	1540	1700
1,1,2,2-Tetrachloroethane	110	U	2290	2290	2510	3080
1,1,2-Trichloroethane	110	U	2290	2290	2120	2250
Dibromochloromethane	110	U	2290	2290	2010	2080
1,2-Dibromoethane	110	U	2290	2290	1890	2070
Dichlorodifluoromethane	110	U	2290	2290	2150	2060
Bromochloromethane	110	U	2290	2290	2080	2190
Bromodichloromethane	110	U	2290	2290	2100	2270

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68208 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-68208/4	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98569.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/23/2011 0937	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	100	U	21	100
Bromomethane	100	U	31	100
Vinyl chloride	100	U	12	100
Chloroethane	100	U	45	100
Methylene Chloride	100	U	19	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1-Dichloroethane	100	U	10	100
trans-1,2-Dichloroethene	100	U	14	100
cis-1,2-Dichloroethene	100	U	19	100
Chloroform	100	U	16	100
2-Butanone	1000	U	82	1000
1,2-Dichloroethane	100	U	25	100
1,1,1-Trichloroethane	100	U	25	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
Bromoform	100	U	9.9	100
Styrene	100	U	14	100
Ethylbenzene	100	U	25	100
Chlorobenzene	100	U	17	100
Cyclohexane	100	U	12	100
Isopropylbenzene	100	U	21	100
2-Hexanone	1000	U	55	1000
MTBE	100	U	19	100
Freon TF	100	U	29	100
Methyl acetate	200	U	33	200
1,4-Dioxane	5000	U	850	5000
Trichloroethene	100	U	18	100
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
4-Methyl-2-pentanone	1000	U	68	1000
cis-1,3-Dichloropropene	100	U	10	100
1,2-Dichlorobenzene	100	U	16	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100
1,2,3-Trichlorobenzene	100	U	83	100
1,2-Dichloropropane	100	U	8.7	100
Methylcyclohexane	100	U	8.0	100
Tetrachloroethene	100	U	20	100
Xylenes, Total	300	U	43	300
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68208

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-68208/4	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98569.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/23/2011 0937	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	100	U	9.7	100
Dibromochloromethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Dichlorodifluoromethane	100	U	28	100
Bromochloromethane	100	U	17	100
Bromodichloromethane	100	U	9.0	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	57 - 135
Toluene-d8 (Surr)	90	46 - 130
Bromofluorobenzene	98	50 - 124

Method Blank TICs- Batch: 460-68208

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68208

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-68208/3	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98567.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/23/2011 0830	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2000	1310	66	52 - 144	
Bromomethane	2000	1890	95	58 - 154	
Vinyl chloride	2000	1280	64	55 - 154	
Chloroethane	2000	1800	90	66 - 144	
Methylene Chloride	2000	1720	86	78 - 118	
Acetone	2000	1870	93	48 - 177	
Carbon disulfide	2000	1500	75	70 - 120	
Trichlorofluoromethane	2000	1220	61	60 - 148	
1,1-Dichloroethene	2000	1530	76	68 - 138	
1,1-Dichloroethane	2000	1930	96	79 - 119	
trans-1,2-Dichloroethene	2000	1700	85	73 - 119	
cis-1,2-Dichloroethene	2000	1780	89	78 - 118	
Chloroform	2000	1890	94	81 - 122	
2-Butanone	2000	1620	81	70 - 139	
1,2-Dichloroethane	2000	2050	102	81 - 121	
1,1,1-Trichloroethane	2000	1820	91	78 - 118	
Carbon tetrachloride	2000	1680	84	64 - 130	
Benzene	2000	1780	89	71 - 118	
Bromoform	2000	1880	94	76 - 133	
Styrene	2000	1840	92	73 - 126	
Ethylbenzene	2000	1970	98	78 - 124	
Chlorobenzene	2000	1860	93	69 - 124	
Cyclohexane	2000	1600	80	69 - 128	
Isopropylbenzene	2000	2030	101	80 - 143	
2-Hexanone	2000	1680	84	62 - 123	
MTBE	2000	1800	90	65 - 143	
Freon TF	2000	1880	94	50 - 128	
Methyl acetate	2000	1480	74	72 - 165	
1,4-Dioxane	15000	12800	85	54 - 147	
Trichloroethene	2000	1810	90	82 - 122	
Toluene	2000	1850	93	79 - 136	
trans-1,3-Dichloropropene	2000	1810	91	73 - 118	
4-Methyl-2-pentanone	2000	1740	87	69 - 124	
cis-1,3-Dichloropropene	2000	1830	91	75 - 120	
1,2-Dichlorobenzene	2000	1850	92	83 - 123	
1,3-Dichlorobenzene	2000	1880	94	83 - 123	
1,4-Dichlorobenzene	2000	1870	94	84 - 124	
1,2,4-Trichlorobenzene	2000	1990	99	62 - 144	
1,2,3-Trichlorobenzene	2000	2300	115	36 - 207	
1,2-Dichloropropane	2000	1910	95	78 - 118	
Methylcyclohexane	2000	1650	83	80 - 134	
Tetrachloroethene	2000	1850	92	78 - 136	
Xylenes, Total	6000	5460	91	78 - 126	
1,2-Dibromo-3-Chloropropane	2000	1710	86	62 - 127	
1,1,2,2-Tetrachloroethane	2000	1860	93	86 - 145	
1,1,2-Trichloroethane	2000	1840	92	77 - 120	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68208

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-68208/3	Analysis Batch:	460-68208	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98567.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/23/2011 0830	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	2000	1860	93	78 - 118	
1,2-Dibromoethane	2000	1820	91	76 - 120	
Dichlorodifluoromethane	2000	843	42	41 - 149	
Bromochloromethane	2000	1840	92	81 - 121	
Bromodichloromethane	2000	1880	94	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	57 - 135
Toluene-d8 (Surr)	94	46 - 130
Bromofluorobenzene	102	50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68358 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-68358/4	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98619.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/24/2011 1056	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	100	U	21	100
Bromomethane	100	U	31	100
Vinyl chloride	100	U	12	100
Chloroethane	100	U	45	100
Methylene Chloride	100	U	19	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1-Dichloroethane	100	U	10	100
trans-1,2-Dichloroethene	100	U	14	100
cis-1,2-Dichloroethene	100	U	19	100
Chloroform	100	U	16	100
2-Butanone	1000	U	82	1000
1,2-Dichloroethane	100	U	25	100
1,1,1-Trichloroethane	100	U	25	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
Bromoform	100	U	9.9	100
Styrene	100	U	14	100
Ethylbenzene	100	U	25	100
Chlorobenzene	100	U	17	100
Cyclohexane	100	U	12	100
Isopropylbenzene	100	U	21	100
2-Hexanone	1000	U	55	1000
MTBE	100	U	19	100
Freon TF	100	U	29	100
Methyl acetate	200	U	33	200
1,4-Dioxane	5000	U	850	5000
Trichloroethene	100	U	18	100
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
4-Methyl-2-pentanone	1000	U	68	1000
cis-1,3-Dichloropropene	100	U	10	100
1,2-Dichlorobenzene	100	U	16	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100
1,2,3-Trichlorobenzene	100	U	83	100
1,2-Dichloropropane	100	U	8.7	100
Methylcyclohexane	100	U	8.0	100
Tetrachloroethene	100	U	20	100
Xylenes, Total	300	U	43	300
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68358 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-68358/4	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98619.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/24/2011 1056	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	100	U	9.7	100
Dibromochloromethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Dichlorodifluoromethane	100	U	28	100
Bromochloromethane	100	U	17	100
Bromodichloromethane	100	U	9.0	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	57 - 135
Toluene-d8 (Surr)	102	46 - 130
Bromofluorobenzene	116	50 - 124

Method Blank TICs- Batch: 460-68358

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68358

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-68358/3	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98617.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/24/2011 0950	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2000	2170	108	52 - 144	
Bromomethane	2000	2520	126	58 - 154	
Vinyl chloride	2000	2170	108	55 - 154	
Chloroethane	2000	2390	120	66 - 144	
Methylene Chloride	2000	1770	88	78 - 118	
Acetone	2000	1570	78	48 - 177	
Carbon disulfide	2000	1630	81	70 - 120	
Trichlorofluoromethane	2000	2240	112	60 - 148	
1,1-Dichloroethene	2000	1740	87	68 - 138	
1,1-Dichloroethane	2000	1960	98	79 - 119	
trans-1,2-Dichloroethene	2000	1750	88	73 - 119	
cis-1,2-Dichloroethene	2000	1860	93	78 - 118	
Chloroform	2000	1950	97	81 - 122	
2-Butanone	2000	1720	86	70 - 139	
1,2-Dichloroethane	2000	2050	102	81 - 121	
1,1,1-Trichloroethane	2000	1950	97	78 - 118	
Carbon tetrachloride	2000	1780	89	64 - 130	
Benzene	2000	1910	95	71 - 118	
Bromoform	2000	1840	92	76 - 133	
Styrene	2000	1870	93	73 - 126	
Ethylbenzene	2000	2010	100	78 - 124	
Chlorobenzene	2000	1880	94	69 - 124	
Cyclohexane	2000	1810	91	69 - 128	
Isopropylbenzene	2000	2040	102	80 - 143	
2-Hexanone	2000	1600	80	62 - 123	
MTBE	2000	1890	95	65 - 143	
Freon TF	2000	2160	108	50 - 128	
Methyl acetate	2000	1840	92	72 - 165	
1,4-Dioxane	15000	10800	72	54 - 147	
Trichloroethene	2000	1900	95	82 - 122	
Toluene	2000	1840	92	79 - 136	
trans-1,3-Dichloropropene	2000	1820	91	73 - 118	
4-Methyl-2-pentanone	2000	1750	88	69 - 124	
cis-1,3-Dichloropropene	2000	1840	92	75 - 120	
1,2-Dichlorobenzene	2000	1880	94	83 - 123	
1,3-Dichlorobenzene	2000	1950	98	83 - 123	
1,4-Dichlorobenzene	2000	1850	93	84 - 124	
1,2,4-Trichlorobenzene	2000	1860	93	62 - 144	
1,2,3-Trichlorobenzene	2000	2030	101	36 - 207	
1,2-Dichloropropane	2000	1970	98	78 - 118	
Methylcyclohexane	2000	1770	89	80 - 134	
Tetrachloroethene	2000	1920	96	78 - 136	
Xylenes, Total	6000	5760	96	78 - 126	
1,2-Dibromo-3-Chloropropane	2000	1530	77	62 - 127	
1,1,2,2-Tetrachloroethane	2000	1880	94	86 - 145	
1,1,2-Trichloroethane	2000	1950	97	77 - 120	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68358

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-68358/3	Analysis Batch:	460-68358	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98617.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/24/2011 0950	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	2000	1810	90	78 - 118	
1,2-Dibromoethane	2000	1830	92	76 - 120	
Dichlorodifluoromethane	2000	2050	103	41 - 149	
Bromochloromethane	2000	1880	94	81 - 121	
Bromodichloromethane	2000	1930	96	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	57 - 135
Toluene-d8 (Surr)	98	46 - 130
Bromofluorobenzene	104	50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68512 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-68512/4	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98663.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/25/2011 1248	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	100	U	21	100
Bromomethane	100	U	31	100
Vinyl chloride	100	U	12	100
Chloroethane	100	U	45	100
Methylene Chloride	100	U	19	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1-Dichloroethane	100	U	10	100
trans-1,2-Dichloroethene	100	U	14	100
cis-1,2-Dichloroethene	100	U	19	100
Chloroform	100	U	16	100
2-Butanone	1000	U	82	1000
1,2-Dichloroethane	100	U	25	100
1,1,1-Trichloroethane	100	U	25	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
Bromoform	100	U	9.9	100
Styrene	100	U	14	100
Ethylbenzene	100	U	25	100
Chlorobenzene	100	U	17	100
Cyclohexane	100	U	12	100
Isopropylbenzene	100	U	21	100
2-Hexanone	1000	U	55	1000
MTBE	100	U	19	100
Freon TF	100	U	29	100
Methyl acetate	200	U	33	200
1,4-Dioxane	5000	U	850	5000
Trichloroethene	100	U	18	100
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
4-Methyl-2-pentanone	1000	U	68	1000
cis-1,3-Dichloropropene	100	U	10	100
1,2-Dichlorobenzene	100	U	16	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100
1,2,3-Trichlorobenzene	100	U	83	100
1,2-Dichloropropane	100	U	8.7	100
Methylcyclohexane	100	U	8.0	100
Tetrachloroethene	100	U	20	100
Xylenes, Total	300	U	43	300
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68512

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-68512/4	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98663.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/25/2011 1248	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	100	U	9.7	100
Dibromochloromethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Dichlorodifluoromethane	100	U	28	100
Bromochloromethane	100	U	17	100
Bromodichloromethane	100	U	9.0	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	57 - 135
Toluene-d8 (Surr)	107	46 - 130
Bromofluorobenzene	119	50 - 124

Method Blank TICs- Batch: 460-68512

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68512

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-68512/3	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98661.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/25/2011 1141	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2000	1670	84	52 - 144	
Bromomethane	2000	2320	116	58 - 154	
Vinyl chloride	2000	2030	102	55 - 154	
Chloroethane	2000	2360	118	66 - 144	
Methylene Chloride	2000	1790	90	78 - 118	
Acetone	2000	1750	88	48 - 177	
Carbon disulfide	2000	1790	90	70 - 120	
Trichlorofluoromethane	2000	2030	101	60 - 148	
1,1-Dichloroethene	2000	1870	93	68 - 138	
1,1-Dichloroethane	2000	2050	102	79 - 119	
trans-1,2-Dichloroethene	2000	1900	95	73 - 119	
cis-1,2-Dichloroethene	2000	1880	94	78 - 118	
Chloroform	2000	2040	102	81 - 122	
2-Butanone	2000	1870	94	70 - 139	
1,2-Dichloroethane	2000	2090	105	81 - 121	
1,1,1-Trichloroethane	2000	1980	99	78 - 118	
Carbon tetrachloride	2000	1820	91	64 - 130	
Benzene	2000	1900	95	71 - 118	
Bromoform	2000	1790	89	76 - 133	
Styrene	2000	1820	91	73 - 126	
Ethylbenzene	2000	1840	92	78 - 124	
Chlorobenzene	2000	1910	96	69 - 124	
Cyclohexane	2000	1880	94	69 - 128	
Isopropylbenzene	2000	2010	100	80 - 143	
2-Hexanone	2000	1690	84	62 - 123	
MTBE	2000	1890	94	65 - 143	
Freon TF	2000	2280	114	50 - 128	
Methyl acetate	2000	1620	81	72 - 165	
1,4-Dioxane	15000	11600	77	54 - 147	
Trichloroethene	2000	1900	95	82 - 122	
Toluene	2000	1840	92	79 - 136	
trans-1,3-Dichloropropene	2000	1860	93	73 - 118	
4-Methyl-2-pentanone	2000	1760	88	69 - 124	
cis-1,3-Dichloropropene	2000	1840	92	75 - 120	
1,2-Dichlorobenzene	2000	1910	96	83 - 123	
1,3-Dichlorobenzene	2000	2010	101	83 - 123	
1,4-Dichlorobenzene	2000	1920	96	84 - 124	
1,2,4-Trichlorobenzene	2000	2210	111	62 - 144	
1,2,3-Trichlorobenzene	2000	2410	120	36 - 207	
1,2-Dichloropropane	2000	2030	101	78 - 118	
Methylcyclohexane	2000	1810	90	80 - 134	
Tetrachloroethene	2000	1890	95	78 - 136	
Xylenes, Total	6000	5520	92	78 - 126	
1,2-Dibromo-3-Chloropropane	2000	1790	89	62 - 127	
1,1,2,2-Tetrachloroethane	2000	1890	94	86 - 145	
1,1,2-Trichloroethane	2000	1830	92	77 - 120	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68512

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-68512/3	Analysis Batch:	460-68512	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98661.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/25/2011 1141	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	2000	1830	92	78 - 118	
1,2-Dibromoethane	2000	1760	88	76 - 120	
Dichlorodifluoromethane	2000	1880	94	41 - 149	
Bromochloromethane	2000	1900	95	81 - 121	
Bromodichloromethane	2000	1980	99	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	57 - 135
Toluene-d8 (Surr)	93	46 - 130
Bromofluorobenzene	102	50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68548 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-68548/5	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46648.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2011 2221	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	6.61	J	3.7	10
Carbon disulfide	1.0	U	0.46	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
2-Butanone	10	U	0.57	10
1,2-Dichloroethane	1.0	U	0.39	1.0
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Benzene	1.0	U	0.74	1.0
Bromoform	1.0	U	0.70	1.0
Styrene	1.0	U	0.35	1.0
Ethylbenzene	1.0	U	0.19	1.0
Chlorobenzene	1.0	U	0.48	1.0
Cyclohexane	1.0	U	0.22	1.0
Isopropylbenzene	1.0	U	0.26	1.0
2-Hexanone	10	U	1.7	10
MTBE	1.0	U	0.34	1.0
Freon TF	1.0	U	0.48	1.0
Methyl acetate	1.0	U	0.90	1.0
1,4-Dioxane	50	U	4.2	50
Trichloroethene	1.0	U	0.36	1.0
Toluene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
4-Methyl-2-pentanone	10	U	0.72	10
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,3-Dichlorobenzene	1.0	U	0.48	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2,3-Trichlorobenzene	1.0	U	0.65	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Tetrachloroethene	1.0	U	0.33	1.0
Xylenes, Total	3.0	U	0.79	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68548

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-68548/5	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46648.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2011 2221	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Dichlorodifluoromethane	1.0	U	0.41	1.0
Bromochloromethane	1.0	U	0.27	1.0
Bromodichloromethane	1.0	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	70 - 138
Toluene-d8 (Surr)	91	66 - 126
Bromofluorobenzene	95	72 - 132

Method Blank TICs- Batch: 460-68548

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68548

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68548/3	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46645.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2011 2032	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-68548/4	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46646.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2011 2113	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	99	90	50 - 151	10	30		
Bromomethane	114	132	54 - 142	15	30		
Vinyl chloride	114	104	67 - 133	9	30		
Chloroethane	126	119	56 - 146	6	30		
Methylene Chloride	104	103	74 - 137	1	30		
Acetone	146	136	27 - 164	7	30		
Carbon disulfide	99	101	72 - 128	1	30		
Trichlorofluoromethane	113	112	61 - 139	2	30		
1,1-Dichloroethene	107	108	71 - 126	2	30		
1,1-Dichloroethane	101	101	76 - 125	0	30		
trans-1,2-Dichloroethene	101	104	75 - 122	3	30		
cis-1,2-Dichloroethene	100	101	80 - 120	1	30		
Chloroform	100	101	77 - 120	1	30		
2-Butanone	107	99	77 - 117	8	30		
1,2-Dichloroethane	95	95	76 - 118	0	30		
1,1,1-Trichloroethane	101	104	78 - 117	2	30		
Carbon tetrachloride	106	107	79 - 118	0	30		
Benzene	99	100	77 - 117	1	30		
Bromoform	82	84	59 - 125	2	30		
Styrene	97	98	82 - 122	1	30		
Ethylbenzene	99	103	81 - 121	4	30		
Chlorobenzene	98	102	80 - 120	3	30		
Cyclohexane	96	96	80 - 121	0	30		
Isopropylbenzene	111	112	65 - 129	1	30		
2-Hexanone	96	94	70 - 122	2	30		
MTBE	101	101	78 - 120	1	30		
Freon TF	120	123	73 - 123	2	30		
Methyl acetate	93	91	73 - 137	3	30		
1,4-Dioxane	107	112	69 - 131	5	30		
Trichloroethene	101	102	79 - 119	2	30		
Toluene	97	100	75 - 115	3	30		
trans-1,3-Dichloropropene	91	94	67 - 121	4	30		
4-Methyl-2-pentanone	99	96	68 - 120	3	30		
cis-1,3-Dichloropropene	95	97	80 - 123	2	30		
1,2-Dichlorobenzene	98	101	80 - 120	3	30		
1,3-Dichlorobenzene	96	101	80 - 120	5	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68548

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68548/3	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46645.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2011 2032	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-68548/4	Analysis Batch:	460-68548	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46646.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2011 2113	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	98	103	80 - 120	4	30		
1,2,4-Trichlorobenzene	103	107	80 - 120	4	30		
1,2,3-Trichlorobenzene	101	103	75 - 121	1	30		
1,2-Dichloropropane	98	99	82 - 122	1	30		
Methylcyclohexane	97	97	78 - 118	0	30		
Tetrachloroethene	107	109	80 - 120	1	30		
Xylenes, Total	99	101	82 - 122	2	30		
1,2-Dibromo-3-Chloropropane	89	81	74 - 118	9	30		
1,1,2,2-Tetrachloroethane	83	90	79 - 122	7	30		
1,1,2-Trichloroethane	97	98	73 - 118	1	30		
Dibromochloromethane	97	101	68 - 120	4	30		
1,2-Dibromoethane	98	99	75 - 117	2	30		
Dichlorodifluoromethane	113	105	52 - 144	7	30		
Bromochloromethane	100	100	74 - 125	1	30		
Bromodichloromethane	98	101	79 - 119	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	91	70 - 138
Toluene-d8 (Surr)	91	93	66 - 126
Bromofluorobenzene	94	98	72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68548

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68548/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-68548/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/25/2011 2032			Analysis Date:	03/25/2011 2113
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	19.9	18.0
Bromomethane	20.0	20.0	22.7	26.3
Vinyl chloride	20.0	20.0	22.8	20.9
Chloroethane	20.0	20.0	25.2	23.8
Methylene Chloride	20.0	20.0	20.7	20.5
Acetone	20.0	20.0	29.2	27.2
Carbon disulfide	20.0	20.0	19.9	20.1
Trichlorofluoromethane	20.0	20.0	22.7	22.3
1,1-Dichloroethene	20.0	20.0	21.3	21.6
1,1-Dichloroethane	20.0	20.0	20.2	20.2
trans-1,2-Dichloroethene	20.0	20.0	20.3	20.8
cis-1,2-Dichloroethene	20.0	20.0	20.1	20.2
Chloroform	20.0	20.0	20.0	20.2
2-Butanone	20.0	20.0	21.3	19.8
1,2-Dichloroethane	20.0	20.0	19.0	19.0
1,1,1-Trichloroethane	20.0	20.0	20.3	20.7
Carbon tetrachloride	20.0	20.0	21.3	21.3
Benzene	20.0	20.0	19.7	19.9
Bromoform	20.0	20.0	16.5	16.7
Styrene	20.0	20.0	19.3	19.5
Ethylbenzene	20.0	20.0	19.8	20.5
Chlorobenzene	20.0	20.0	19.7	20.3
Cyclohexane	20.0	20.0	19.1	19.2
Isopropylbenzene	20.0	20.0	22.2	22.4
2-Hexanone	20.0	20.0	19.3	18.9
MTBE	20.0	20.0	20.1	20.3
Freon TF	20.0	20.0	24.1	24.6
Methyl acetate	20.0	20.0	18.6	18.1
1,4-Dioxane	150	150	161	168
Trichloroethene	20.0	20.0	20.2	20.5
Toluene	20.0	20.0	19.4	19.9
trans-1,3-Dichloropropene	20.0	20.0	18.1	18.9
4-Methyl-2-pentanone	20.0	20.0	19.9	19.2
cis-1,3-Dichloropropene	20.0	20.0	19.1	19.4
1,2-Dichlorobenzene	20.0	20.0	19.5	20.1
1,3-Dichlorobenzene	20.0	20.0	19.1	20.1
1,4-Dichlorobenzene	20.0	20.0	19.7	20.6
1,2,4-Trichlorobenzene	20.0	20.0	20.5	21.4
1,2,3-Trichlorobenzene	20.0	20.0	20.3	20.5

Client: Antea USA, Inc.

Job Number: 460-24277-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68548

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68548/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-68548/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/25/2011 2032			Analysis Date:	03/25/2011 2113
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	19.7	19.8
Methylcyclohexane	20.0	20.0	19.3	19.4
Tetrachloroethene	20.0	20.0	21.5	21.7
Xylenes, Total	60.0	60.0	59.1	60.5
1,2-Dibromo-3-Chloropropane	20.0	20.0	17.8	16.2
1,1,2,2-Tetrachloroethane	20.0	20.0	16.7	17.9
1,1,2-Trichloroethane	20.0	20.0	19.4	19.5
Dibromochloromethane	20.0	20.0	19.4	20.1
1,2-Dibromoethane	20.0	20.0	19.6	19.9
Dichlorodifluoromethane	20.0	20.0	22.6	20.9
Bromochloromethane	20.0	20.0	19.9	20.1
Bromodichloromethane	20.0	20.0	19.7	20.2

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68639 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-68639/5	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46672.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 0616	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	10	U	3.7	10
Carbon disulfide	1.0	U	0.46	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
2-Butanone	10	U	0.57	10
1,2-Dichloroethane	1.0	U	0.39	1.0
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Benzene	1.0	U	0.74	1.0
Bromoform	1.0	U	0.70	1.0
Styrene	1.0	U	0.35	1.0
Ethylbenzene	1.0	U	0.19	1.0
Chlorobenzene	1.0	U	0.48	1.0
Cyclohexane	1.0	U	0.22	1.0
Isopropylbenzene	1.0	U	0.26	1.0
2-Hexanone	10	U	1.7	10
MTBE	1.0	U	0.34	1.0
Freon TF	1.0	U	0.48	1.0
Methyl acetate	1.0	U	0.90	1.0
1,4-Dioxane	50	U	4.2	50
Trichloroethene	1.0	U	0.36	1.0
Toluene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
4-Methyl-2-pentanone	10	U	0.72	10
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,3-Dichlorobenzene	1.0	U	0.48	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2,3-Trichlorobenzene	1.0	U	0.65	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Tetrachloroethene	1.0	U	0.33	1.0
Xylenes, Total	3.0	U	0.79	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68639

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-68639/5	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46672.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 0616	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Dichlorodifluoromethane	1.0	U	0.41	1.0
Bromochloromethane	1.0	U	0.27	1.0
Bromodichloromethane	1.0	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 138
Toluene-d8 (Surr)	88	66 - 126
Bromofluorobenzene	93	72 - 132

Method Blank TICs- Batch: 460-68639

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68639

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68639/3	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46669.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 0447	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-68639/4	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46670.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 0512	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	82	91	50 - 151	11	30		
Bromomethane	113	132	54 - 142	16	30		
Vinyl chloride	92	108	67 - 133	16	30		
Chloroethane	112	123	56 - 146	9	30		
Methylene Chloride	95	99	74 - 137	4	30		
Acetone	125	133	27 - 164	6	30		
Carbon disulfide	97	100	72 - 128	3	30		
Trichlorofluoromethane	113	122	61 - 139	8	30		
1,1-Dichloroethene	103	110	71 - 126	7	30		
1,1-Dichloroethane	99	101	76 - 125	2	30		
trans-1,2-Dichloroethene	103	105	75 - 122	2	30		
cis-1,2-Dichloroethene	100	103	80 - 120	3	30		
Chloroform	100	102	77 - 120	2	30		
2-Butanone	106	106	77 - 117	0	30		
1,2-Dichloroethane	92	95	76 - 118	2	30		
1,1,1-Trichloroethane	109	108	78 - 117	1	30		
Carbon tetrachloride	113	113	79 - 118	0	30		
Benzene	99	101	77 - 117	2	30		
Bromoform	81	84	59 - 125	3	30		
Styrene	99	96	82 - 122	3	30		
Ethylbenzene	103	102	81 - 121	1	30		
Chlorobenzene	100	100	80 - 120	1	30		
Cyclohexane	92	97	80 - 121	5	30		
Isopropylbenzene	106	114	65 - 129	7	30		
2-Hexanone	92	91	70 - 122	1	30		
MTBE	101	99	78 - 120	1	30		
Freon TF	120	119	73 - 123	1	30		
Methyl acetate	106	93	73 - 137	13	30		
1,4-Dioxane	102	92	69 - 131	10	30		
Trichloroethene	102	101	79 - 119	0	30		
Toluene	99	100	75 - 115	1	30		
trans-1,3-Dichloropropene	94	92	67 - 121	2	30		
4-Methyl-2-pentanone	93	95	68 - 120	2	30		
cis-1,3-Dichloropropene	97	96	80 - 123	1	30		
1,2-Dichlorobenzene	100	97	80 - 120	3	30		
1,3-Dichlorobenzene	99	97	80 - 120	2	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68639

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68639/3	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46669.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 0447	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-68639/4	Analysis Batch:	460-68639	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46670.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 0512	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	98	99	80 - 120	1	30		
1,2,4-Trichlorobenzene	102	102	80 - 120	0	30		
1,2,3-Trichlorobenzene	100	98	75 - 121	2	30		
1,2-Dichloropropane	95	96	82 - 122	0	30		
Methylcyclohexane	99	98	78 - 118	0	30		
Tetrachloroethene	112	113	80 - 120	0	30		
Xylenes, Total	103	101	82 - 122	3	30		
1,2-Dibromo-3-Chloropropane	79	78	74 - 118	1	30		
1,1,2,2-Tetrachloroethane	83	87	79 - 122	5	30		
1,1,2-Trichloroethane	90	98	73 - 118	8	30		
Dibromochloromethane	101	100	68 - 120	1	30		
1,2-Dibromoethane	99	97	75 - 117	1	30		
Dichlorodifluoromethane	90	110	52 - 144	19	30		
Bromochloromethane	101	102	74 - 125	1	30		
Bromodichloromethane	99	104	79 - 119	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	89	70 - 138
Toluene-d8 (Surr)	93	89	66 - 126
Bromofluorobenzene	99	96	72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68639

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68639/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-68639/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/28/2011 0447			Analysis Date:	03/28/2011 0512
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	16.3	18.2
Bromomethane	20.0	20.0	22.6	26.4
Vinyl chloride	20.0	20.0	18.4	21.6
Chloroethane	20.0	20.0	22.4	24.5
Methylene Chloride	20.0	20.0	19.1	19.8
Acetone	20.0	20.0	24.9	26.5
Carbon disulfide	20.0	20.0	19.5	20.1
Trichlorofluoromethane	20.0	20.0	22.5	24.5
1,1-Dichloroethene	20.0	20.0	20.7	22.1
1,1-Dichloroethane	20.0	20.0	19.8	20.2
trans-1,2-Dichloroethene	20.0	20.0	20.6	21.0
cis-1,2-Dichloroethene	20.0	20.0	20.0	20.5
Chloroform	20.0	20.0	19.9	20.4
2-Butanone	20.0	20.0	21.2	21.2
1,2-Dichloroethane	20.0	20.0	18.5	18.9
1,1,1-Trichloroethane	20.0	20.0	21.9	21.6
Carbon tetrachloride	20.0	20.0	22.5	22.6
Benzene	20.0	20.0	19.8	20.1
Bromoform	20.0	20.0	16.3	16.9
Styrene	20.0	20.0	19.7	19.2
Ethylbenzene	20.0	20.0	20.7	20.5
Chlorobenzene	20.0	20.0	20.1	20.0
Cyclohexane	20.0	20.0	18.5	19.5
Isopropylbenzene	20.0	20.0	21.2	22.8
2-Hexanone	20.0	20.0	18.4	18.2
MTBE	20.0	20.0	20.1	19.9
Freon TF	20.0	20.0	24.0	23.8
Methyl acetate	20.0	20.0	21.3	18.7
1,4-Dioxane	150	150	153	138
Trichloroethene	20.0	20.0	20.4	20.3
Toluene	20.0	20.0	19.9	20.1
trans-1,3-Dichloropropene	20.0	20.0	18.7	18.3
4-Methyl-2-pentanone	20.0	20.0	18.6	19.0
cis-1,3-Dichloropropene	20.0	20.0	19.3	19.1
1,2-Dichlorobenzene	20.0	20.0	20.0	19.5
1,3-Dichlorobenzene	20.0	20.0	19.8	19.3
1,4-Dichlorobenzene	20.0	20.0	19.7	19.8
1,2,4-Trichlorobenzene	20.0	20.0	20.3	20.3
1,2,3-Trichlorobenzene	20.0	20.0	20.0	19.7

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68639

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68639/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-68639/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/28/2011 0447			Analysis Date:	03/28/2011 0512
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	19.1	19.1
Methylcyclohexane	20.0	20.0	19.7	19.6
Tetrachloroethene	20.0	20.0	22.5	22.6
Xylenes, Total	60.0	60.0	62.0	60.4
1,2-Dibromo-3-Chloropropane	20.0	20.0	15.9	15.7
1,1,2,2-Tetrachloroethane	20.0	20.0	16.6	17.3
1,1,2-Trichloroethane	20.0	20.0	18.0	19.6
Dibromochloromethane	20.0	20.0	20.2	20.1
1,2-Dibromoethane	20.0	20.0	19.7	19.5
Dichlorodifluoromethane	20.0	20.0	18.1	21.9
Bromochloromethane	20.0	20.0	20.1	20.4
Bromodichloromethane	20.0	20.0	19.8	20.7

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68728 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-68728/5	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46702.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 2007	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	5.63	J	3.7	10
Carbon disulfide	1.0	U	0.46	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
2-Butanone	10	U	0.57	10
1,2-Dichloroethane	1.0	U	0.39	1.0
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Benzene	1.0	U	0.74	1.0
Bromoform	1.0	U	0.70	1.0
Styrene	1.0	U	0.35	1.0
Ethylbenzene	1.0	U	0.19	1.0
Chlorobenzene	1.0	U	0.48	1.0
Cyclohexane	1.0	U	0.22	1.0
Isopropylbenzene	1.0	U	0.26	1.0
2-Hexanone	10	U	1.7	10
MTBE	1.0	U	0.34	1.0
Freon TF	1.0	U	0.48	1.0
Methyl acetate	1.0	U	0.90	1.0
1,4-Dioxane	50	U	4.2	50
Trichloroethene	1.0	U	0.36	1.0
Toluene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
4-Methyl-2-pentanone	10	U	0.72	10
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,3-Dichlorobenzene	1.0	U	0.48	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2,3-Trichlorobenzene	1.0	U	0.65	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Tetrachloroethene	1.0	U	0.33	1.0
Xylenes, Total	3.0	U	0.79	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68728

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-68728/5	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46702.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 2007	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Dichlorodifluoromethane	1.0	U	0.41	1.0
Bromochloromethane	1.0	U	0.27	1.0
Bromodichloromethane	1.0	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 138
Toluene-d8 (Surr)	88	66 - 126
Bromofluorobenzene	93	72 - 132

Method Blank TICs- Batch: 460-68728

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68728

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68728/3	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46699.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 1834	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-68728/4	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46700.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 1859	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	88	89	50 - 151	2	30		
Bromomethane	117	114	54 - 142	2	30		
Vinyl chloride	90	93	67 - 133	4	30		
Chloroethane	108	109	56 - 146	1	30		
Methylene Chloride	98	101	74 - 137	3	30		
Acetone	134	161	27 - 164	18	30		
Carbon disulfide	87	89	72 - 128	2	30		
Trichlorofluoromethane	86	91	61 - 139	5	30		
1,1-Dichloroethene	94	94	71 - 126	0	30		
1,1-Dichloroethane	93	95	76 - 125	2	30		
trans-1,2-Dichloroethene	95	96	75 - 122	1	30		
cis-1,2-Dichloroethene	95	99	80 - 120	4	30		
Chloroform	96	98	77 - 120	3	30		
2-Butanone	110	116	77 - 117	5	30		
1,2-Dichloroethane	96	97	76 - 118	1	30		
1,1,1-Trichloroethane	91	92	78 - 117	2	30		
Carbon tetrachloride	92	96	79 - 118	4	30		
Benzene	95	95	77 - 117	1	30		
Bromoform	85	89	59 - 125	4	30		
Styrene	94	96	82 - 122	1	30		
Ethylbenzene	94	96	81 - 121	2	30		
Chlorobenzene	96	98	80 - 120	3	30		
Cyclohexane	80	82	80 - 121	2	30		
Isopropylbenzene	103	105	65 - 129	2	30		
2-Hexanone	107	112	70 - 122	5	30		
MTBE	102	101	78 - 120	1	30		
Freon TF	99	100	73 - 123	2	30		
Methyl acetate	105	99	73 - 137	6	30		
1,4-Dioxane	114	128	69 - 131	12	30		
Trichloroethene	93	96	79 - 119	3	30		
Toluene	92	94	75 - 115	2	30		
trans-1,3-Dichloropropene	93	93	67 - 121	0	30		
4-Methyl-2-pentanone	109	111	68 - 120	2	30		
cis-1,3-Dichloropropene	94	94	80 - 123	0	30		
1,2-Dichlorobenzene	96	99	80 - 120	3	30		
1,3-Dichlorobenzene	94	95	80 - 120	0	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68728

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68728/3	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46699.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 1834	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-68728/4	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46700.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 1859	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	96	99	80 - 120	3	30		
1,2,4-Trichlorobenzene	102	101	80 - 120	1	30		
1,2,3-Trichlorobenzene	100	102	75 - 121	2	30		
1,2-Dichloropropane	97	94	82 - 122	3	30		
Methylcyclohexane	81	82	78 - 118	1	30		
Tetrachloroethene	98	98	80 - 120	0	30		
Xylenes, Total	94	96	82 - 122	2	30		
1,2-Dibromo-3-Chloropropane	92	93	74 - 118	0	30		
1,1,2,2-Tetrachloroethane	88	90	79 - 122	2	30		
1,1,2-Trichloroethane	98	97	73 - 118	1	30		
Dibromochloromethane	99	99	68 - 120	0	30		
1,2-Dibromoethane	99	103	75 - 117	3	30		
Dichlorodifluoromethane	82	87	52 - 144	6	30		
Bromochloromethane	100	100	74 - 125	0	30		
Bromodichloromethane	98	99	79 - 119	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	74	70 - 138
Toluene-d8 (Surr)	90	72	66 - 126
Bromofluorobenzene	96	77	72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68728

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68728/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-68728/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/28/2011 1834			Analysis Date:	03/28/2011 1859
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	17.5	17.8
Bromomethane	20.0	20.0	23.4	22.8
Vinyl chloride	20.0	20.0	18.0	18.7
Chloroethane	20.0	20.0	21.7	21.8
Methylene Chloride	20.0	20.0	19.6	20.1
Acetone	20.0	20.0	26.8	32.2
Carbon disulfide	20.0	20.0	17.4	17.7
Trichlorofluoromethane	20.0	20.0	17.3	18.1
1,1-Dichloroethene	20.0	20.0	18.9	18.8
1,1-Dichloroethane	20.0	20.0	18.7	19.0
trans-1,2-Dichloroethene	20.0	20.0	18.9	19.2
cis-1,2-Dichloroethene	20.0	20.0	19.1	19.8
Chloroform	20.0	20.0	19.2	19.7
2-Butanone	20.0	20.0	22.1	23.1
1,2-Dichloroethane	20.0	20.0	19.2	19.4
1,1,1-Trichloroethane	20.0	20.0	18.2	18.5
Carbon tetrachloride	20.0	20.0	18.4	19.2
Benzene	20.0	20.0	18.9	19.1
Bromoform	20.0	20.0	17.1	17.8
Styrene	20.0	20.0	18.9	19.1
Ethylbenzene	20.0	20.0	18.9	19.3
Chlorobenzene	20.0	20.0	19.2	19.7
Cyclohexane	20.0	20.0	16.1	16.4
Isopropylbenzene	20.0	20.0	20.6	21.0
2-Hexanone	20.0	20.0	21.3	22.3
MTBE	20.0	20.0	20.4	20.3
Freon TF	20.0	20.0	19.7	20.1
Methyl acetate	20.0	20.0	20.9	19.8
1,4-Dioxane	150	150	170	191
Trichloroethene	20.0	20.0	18.6	19.2
Toluene	20.0	20.0	18.3	18.8
trans-1,3-Dichloropropene	20.0	20.0	18.6	18.5
4-Methyl-2-pentanone	20.0	20.0	21.9	22.3
cis-1,3-Dichloropropene	20.0	20.0	18.9	18.8
1,2-Dichlorobenzene	20.0	20.0	19.2	19.8
1,3-Dichlorobenzene	20.0	20.0	18.9	18.9
1,4-Dichlorobenzene	20.0	20.0	19.3	19.8
1,2,4-Trichlorobenzene	20.0	20.0	20.4	20.3
1,2,3-Trichlorobenzene	20.0	20.0	19.9	20.4

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68728

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68728/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-68728/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/28/2011 1834			Analysis Date:	03/28/2011 1859
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	19.4	18.9
Methylcyclohexane	20.0	20.0	16.2	16.3
Tetrachloroethene	20.0	20.0	19.6	19.5
Xylenes, Total	60.0	60.0	56.5	57.5
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.5	18.5
1,1,2,2-Tetrachloroethane	20.0	20.0	17.7	18.1
1,1,2-Trichloroethane	20.0	20.0	19.6	19.5
Dibromochloromethane	20.0	20.0	19.9	19.8
1,2-Dibromoethane	20.0	20.0	19.9	20.5
Dichlorodifluoromethane	20.0	20.0	16.5	17.5
Bromochloromethane	20.0	20.0	20.0	20.0
Bromodichloromethane	20.0	20.0	19.6	19.9

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68801 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-68801/5	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46727.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/29/2011 0748	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	10	U	3.7	10
Carbon disulfide	1.0	U	0.46	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
2-Butanone	10	U	0.57	10
1,2-Dichloroethane	1.0	U	0.39	1.0
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Benzene	1.0	U	0.74	1.0
Bromoform	1.0	U	0.70	1.0
Styrene	1.0	U	0.35	1.0
Ethylbenzene	1.0	U	0.19	1.0
Chlorobenzene	1.0	U	0.48	1.0
Cyclohexane	1.0	U	0.22	1.0
Isopropylbenzene	1.0	U	0.26	1.0
2-Hexanone	10	U	1.7	10
MTBE	1.0	U	0.34	1.0
Freon TF	1.0	U	0.48	1.0
Methyl acetate	1.0	U	0.90	1.0
1,4-Dioxane	50	U	4.2	50
Trichloroethene	1.0	U	0.36	1.0
Toluene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
4-Methyl-2-pentanone	10	U	0.72	10
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,3-Dichlorobenzene	1.0	U	0.48	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2,3-Trichlorobenzene	1.0	U	0.65	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Tetrachloroethene	1.0	U	0.33	1.0
Xylenes, Total	3.0	U	0.79	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68801

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-68801/5	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46727.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/29/2011 0748	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Dichlorodifluoromethane	1.0	U	0.41	1.0
Bromochloromethane	1.0	U	0.27	1.0
Bromodichloromethane	1.0	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 138
Toluene-d8 (Surr)	89	66 - 126
Bromofluorobenzene	91	72 - 132

Method Blank TICs- Batch: 460-68801

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68801

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68801/3	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46723.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/29/2011 0516	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-68801/4	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46724.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/29/2011 0618	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	78	94	50 - 151	19	30		
Bromomethane	112	117	54 - 142	5	30		
Vinyl chloride	86	111	67 - 133	25	30		
Chloroethane	114	129	56 - 146	13	30		
Methylene Chloride	103	110	74 - 137	6	30		
Acetone	149	161	27 - 164	7	30		
Carbon disulfide	94	105	72 - 128	11	30		
Trichlorofluoromethane	114	126	61 - 139	10	30		
1,1-Dichloroethene	104	118	71 - 126	13	30		
1,1-Dichloroethane	103	108	76 - 125	4	30		
trans-1,2-Dichloroethene	106	113	75 - 122	6	30		
cis-1,2-Dichloroethene	104	105	80 - 120	2	30		
Chloroform	101	107	77 - 120	5	30		
2-Butanone	107	113	77 - 117	6	30		
1,2-Dichloroethane	98	98	76 - 118	0	30		
1,1,1-Trichloroethane	106	112	78 - 117	5	30		
Carbon tetrachloride	109	116	79 - 118	6	30		
Benzene	101	106	77 - 117	4	30		
Bromoform	84	87	59 - 125	3	30		
Styrene	103	102	82 - 122	1	30		
Ethylbenzene	105	107	81 - 121	2	30		
Chlorobenzene	105	105	80 - 120	0	30		
Cyclohexane	91	102	80 - 121	12	30		
Isopropylbenzene	108	120	65 - 129	11	30		
2-Hexanone	91	101	70 - 122	11	30		
MTBE	99	103	78 - 120	4	30		
Freon TF	113	123	73 - 123	9	30		
Methyl acetate	112	101	73 - 137	11	30		
1,4-Dioxane	105	117	69 - 131	11	30		
Trichloroethene	103	108	79 - 119	5	30		
Toluene	102	104	75 - 115	3	30		
trans-1,3-Dichloropropene	96	96	67 - 121	1	30		
4-Methyl-2-pentanone	92	101	68 - 120	10	30		
cis-1,3-Dichloropropene	102	97	80 - 123	5	30		
1,2-Dichlorobenzene	103	101	80 - 120	2	30		
1,3-Dichlorobenzene	101	103	80 - 120	2	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68801

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68801/3	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46723.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/29/2011 0516	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-68801/4	Analysis Batch:	460-68801	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46724.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/29/2011 0618	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	103	103	80 - 120	0	30		
1,2,4-Trichlorobenzene	104	105	80 - 120	1	30		
1,2,3-Trichlorobenzene	105	101	75 - 121	4	30		
1,2-Dichloropropane	100	102	82 - 122	2	30		
Methylcyclohexane	94	105	78 - 118	11	30		
Tetrachloroethene	111	118	80 - 120	7	30		
Xylenes, Total	105	106	82 - 122	1	30		
1,2-Dibromo-3-Chloropropane	88	88	74 - 118	0	30		
1,1,2,2-Tetrachloroethane	89	88	79 - 122	1	30		
1,1,2-Trichloroethane	104	104	73 - 118	0	30		
Dibromochloromethane	102	103	68 - 120	1	30		
1,2-Dibromoethane	106	103	75 - 117	2	30		
Dichlorodifluoromethane	86	120	52 - 144	34	30		*
Bromochloromethane	106	105	74 - 125	0	30		
Bromodichloromethane	104	104	79 - 119	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	75	70 - 138
Toluene-d8 (Surr)	93	75	66 - 126
Bromofluorobenzene	98	78	72 - 132

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68801

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68801/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-68801/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/29/2011 0516			Analysis Date:	03/29/2011 0618
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	15.6	18.9
Bromomethane	20.0	20.0	22.3	23.5
Vinyl chloride	20.0	20.0	17.3	22.3
Chloroethane	20.0	20.0	22.8	25.9
Methylene Chloride	20.0	20.0	20.6	22.0
Acetone	20.0	20.0	29.9	32.1
Carbon disulfide	20.0	20.0	18.8	21.0
Trichlorofluoromethane	20.0	20.0	22.8	25.2
1,1-Dichloroethene	20.0	20.0	20.7	23.6
1,1-Dichloroethane	20.0	20.0	20.7	21.6
trans-1,2-Dichloroethene	20.0	20.0	21.1	22.5
cis-1,2-Dichloroethene	20.0	20.0	20.7	21.1
Chloroform	20.0	20.0	20.3	21.3
2-Butanone	20.0	20.0	21.3	22.6
1,2-Dichloroethane	20.0	20.0	19.7	19.6
1,1,1-Trichloroethane	20.0	20.0	21.3	22.4
Carbon tetrachloride	20.0	20.0	21.9	23.2
Benzene	20.0	20.0	20.3	21.1
Bromoform	20.0	20.0	16.9	17.4
Styrene	20.0	20.0	20.6	20.4
Ethylbenzene	20.0	20.0	20.9	21.3
Chlorobenzene	20.0	20.0	20.9	21.0
Cyclohexane	20.0	20.0	18.1	20.4
Isopropylbenzene	20.0	20.0	21.5	23.9
2-Hexanone	20.0	20.0	18.1	20.2
MTBE	20.0	20.0	19.9	20.6
Freon TF	20.0	20.0	22.5	24.6
Methyl acetate	20.0	20.0	22.5	20.2
1,4-Dioxane	150	150	157	175
Trichloroethene	20.0	20.0	20.7	21.7
Toluene	20.0	20.0	20.3	20.9
trans-1,3-Dichloropropene	20.0	20.0	19.2	19.1
4-Methyl-2-pentanone	20.0	20.0	18.4	20.3
cis-1,3-Dichloropropene	20.0	20.0	20.3	19.4
1,2-Dichlorobenzene	20.0	20.0	20.6	20.2
1,3-Dichlorobenzene	20.0	20.0	20.2	20.6
1,4-Dichlorobenzene	20.0	20.0	20.6	20.6
1,2,4-Trichlorobenzene	20.0	20.0	20.9	21.1
1,2,3-Trichlorobenzene	20.0	20.0	21.0	20.2

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68801

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68801/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-68801/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/29/2011 0516			Analysis Date:	03/29/2011 0618
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
1,2-Dichloropropane	20.0	20.0	20.0	20.4	
Methylcyclohexane	20.0	20.0	18.8	21.0	
Tetrachloroethene	20.0	20.0	22.2	23.6	
Xylenes, Total	60.0	60.0	62.7	63.4	
1,2-Dibromo-3-Chloropropane	20.0	20.0	17.5	17.6	
1,1,2,2-Tetrachloroethane	20.0	20.0	17.8	17.6	
1,1,2-Trichloroethane	20.0	20.0	20.8	20.8	
Dibromochloromethane	20.0	20.0	20.3	20.6	
1,2-Dibromoethane	20.0	20.0	21.1	20.6	
Dichlorodifluoromethane	20.0	20.0	17.1	24.1	*
Bromochloromethane	20.0	20.0	21.2	21.1	
Bromodichloromethane	20.0	20.0	20.9	20.7	

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68934 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-68934/4	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	p45578.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/30/2011 1207	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	100	U	21	100
Bromomethane	100	U	31	100
Vinyl chloride	100	U	12	100
Chloroethane	100	U	45	100
Methylene Chloride	100	U	19	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1-Dichloroethane	100	U	10	100
trans-1,2-Dichloroethene	100	U	14	100
cis-1,2-Dichloroethene	100	U	19	100
Chloroform	100	U	16	100
2-Butanone	1000	U	82	1000
1,2-Dichloroethane	100	U	25	100
1,1,1-Trichloroethane	100	U	25	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
Bromoform	100	U	9.9	100
Styrene	100	U	14	100
Ethylbenzene	100	U	25	100
Chlorobenzene	100	U	17	100
Cyclohexane	100	U	12	100
Isopropylbenzene	100	U	21	100
2-Hexanone	1000	U	55	1000
MTBE	100	U	19	100
Freon TF	100	U	29	100
Methyl acetate	200	U	33	200
1,4-Dioxane	5000	U	850	5000
Trichloroethene	100	U	18	100
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
4-Methyl-2-pentanone	1000	U	68	1000
cis-1,3-Dichloropropene	100	U	10	100
1,2-Dichlorobenzene	100	U	16	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100
1,2,3-Trichlorobenzene	100	U	83	100
1,2-Dichloropropane	100	U	8.7	100
Methylcyclohexane	100	U	8.0	100
Tetrachloroethene	100	U	20	100
Xylenes, Total	300	U	43	300
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68934

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-68934/4	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	p45578.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/30/2011 1207	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	100	U	9.7	100
Dibromochloromethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Dichlorodifluoromethane	100	U	28	100
Bromochloromethane	100	U	17	100
Bromodichloromethane	100	U	9.0	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	71	57 - 135
Toluene-d8 (Surr)	81	46 - 130
Bromofluorobenzene	110	50 - 124

Method Blank TICs- Batch: 460-68934

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68934

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-68934/3	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	p45575.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/30/2011 1038	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2000	1720	86	52 - 144	
Bromomethane	2000	1840	92	58 - 154	
Vinyl chloride	2000	1690	85	55 - 154	
Chloroethane	2000	1900	95	66 - 144	
Methylene Chloride	2000	2060	103	78 - 118	
Acetone	2000	2410	121	48 - 177	
Carbon disulfide	2000	1670	84	70 - 120	
Trichlorofluoromethane	2000	1120	56	60 - 148	*
1,1-Dichloroethene	2000	2130	106	68 - 138	
1,1-Dichloroethane	2000	2020	101	79 - 119	
trans-1,2-Dichloroethene	2000	2180	109	73 - 119	
cis-1,2-Dichloroethene	2000	2090	105	78 - 118	
Chloroform	2000	2100	105	81 - 122	
2-Butanone	2000	1540	77	70 - 139	
1,2-Dichloroethane	2000	1940	97	81 - 121	
1,1,1-Trichloroethane	2000	2130	106	78 - 118	
Carbon tetrachloride	2000	2220	111	64 - 130	
Benzene	2000	2040	102	71 - 118	
Bromoform	2000	2120	106	76 - 133	
Styrene	2000	1870	93	73 - 126	
Ethylbenzene	2000	2080	104	78 - 124	
Chlorobenzene	2000	2080	104	69 - 124	
Cyclohexane	2000	1840	92	69 - 128	
Isopropylbenzene	2000	2300	115	80 - 143	
2-Hexanone	2000	1970	98	62 - 123	
MTBE	2000	2030	101	65 - 143	
Freon TF	2000	2020	101	50 - 128	
Methyl acetate	2000	1660	83	72 - 165	
1,4-Dioxane	15000	13400	89	54 - 147	
Trichloroethene	2000	2020	101	82 - 122	
Toluene	2000	2020	101	79 - 136	
trans-1,3-Dichloropropene	2000	1950	97	73 - 118	
4-Methyl-2-pentanone	2000	1530	77	69 - 124	
cis-1,3-Dichloropropene	2000	1830	91	75 - 120	
1,2-Dichlorobenzene	2000	2120	106	83 - 123	
1,3-Dichlorobenzene	2000	2080	104	83 - 123	
1,4-Dichlorobenzene	2000	2070	103	84 - 124	
1,2,4-Trichlorobenzene	2000	2130	107	62 - 144	
1,2,3-Trichlorobenzene	2000	2300	115	36 - 207	
1,2-Dichloropropane	2000	1950	98	78 - 118	
Methylcyclohexane	2000	2030	102	80 - 134	
Tetrachloroethene	2000	2230	112	78 - 136	
Xylenes, Total	6000	6040	101	78 - 126	
1,2-Dibromo-3-Chloropropane	2000	1850	93	62 - 127	
1,1,2,2-Tetrachloroethane	2000	1820	91	86 - 145	
1,1,2-Trichloroethane	2000	1960	98	77 - 120	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68934

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-68934/3	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	p45575.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/30/2011 1038	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	2000	2030	102	78 - 118	
1,2-Dibromoethane	2000	2020	101	76 - 120	
Dichlorodifluoromethane	2000	1110	55	41 - 149	
Bromochloromethane	2000	2270	113	81 - 121	
Bromodichloromethane	2000	2040	102	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79	57 - 135
Toluene-d8 (Surr)	91	46 - 130
Bromofluorobenzene	120	50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-69045 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-69045/4	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98782.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/31/2011 1144	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	100	U	21	100
Bromomethane	100	U	31	100
Vinyl chloride	100	U	12	100
Chloroethane	100	U	45	100
Methylene Chloride	100	U	19	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1-Dichloroethane	100	U	10	100
trans-1,2-Dichloroethene	100	U	14	100
cis-1,2-Dichloroethene	100	U	19	100
Chloroform	100	U	16	100
2-Butanone	1000	U	82	1000
1,2-Dichloroethane	100	U	25	100
1,1,1-Trichloroethane	100	U	25	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
Bromoform	100	U	9.9	100
Styrene	100	U	14	100
Ethylbenzene	100	U	25	100
Chlorobenzene	100	U	17	100
Cyclohexane	100	U	12	100
Isopropylbenzene	100	U	21	100
2-Hexanone	1000	U	55	1000
MTBE	100	U	19	100
Freon TF	100	U	29	100
Methyl acetate	200	U	33	200
1,4-Dioxane	5000	U	850	5000
Trichloroethene	100	U	18	100
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
4-Methyl-2-pentanone	1000	U	68	1000
cis-1,3-Dichloropropene	100	U	10	100
1,2-Dichlorobenzene	100	U	16	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100
1,2,3-Trichlorobenzene	100	U	83	100
1,2-Dichloropropane	100	U	8.7	100
Methylcyclohexane	100	U	8.0	100
Tetrachloroethene	100	U	20	100
Xylenes, Total	300	U	43	300
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-69045

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-69045/4	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98782.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/31/2011 1144	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	100	U	9.7	100
Dibromochloromethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Dichlorodifluoromethane	100	U	28	100
Bromochloromethane	100	U	17	100
Bromodichloromethane	100	U	9.0	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	57 - 135
Toluene-d8 (Surr)	99	46 - 130
Bromofluorobenzene	107	50 - 124

Method Blank TICs- Batch: 460-69045

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-69045

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-69045/3	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98779.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/31/2011 1007	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2000	2200	110	52 - 144	
Bromomethane	2000	2240	112	58 - 154	
Vinyl chloride	2000	2230	111	55 - 154	
Chloroethane	2000	2220	111	66 - 144	
Methylene Chloride	2000	1960	98	78 - 118	
Acetone	2000	1790	89	48 - 177	
Carbon disulfide	2000	1900	95	70 - 120	
Trichlorofluoromethane	2000	2290	114	60 - 148	
1,1-Dichloroethene	2000	2020	101	68 - 138	
1,1-Dichloroethane	2000	2080	104	79 - 119	
trans-1,2-Dichloroethene	2000	1900	95	73 - 119	
cis-1,2-Dichloroethene	2000	1980	99	78 - 118	
Chloroform	2000	2030	102	81 - 122	
2-Butanone	2000	1680	84	70 - 139	
1,2-Dichloroethane	2000	2250	113	81 - 121	
1,1,1-Trichloroethane	2000	2040	102	78 - 118	
Carbon tetrachloride	2000	1860	93	64 - 130	
Benzene	2000	1970	99	71 - 118	
Bromoform	2000	1940	97	76 - 133	
Styrene	2000	1910	95	73 - 126	
Ethylbenzene	2000	2020	101	78 - 124	
Chlorobenzene	2000	2000	100	69 - 124	
Cyclohexane	2000	1950	98	69 - 128	
Isopropylbenzene	2000	2060	103	80 - 143	
2-Hexanone	2000	1710	86	62 - 123	
MTBE	2000	1920	96	65 - 143	
Freon TF	2000	2320	116	50 - 128	
Methyl acetate	2000	1640	82	72 - 165	
1,4-Dioxane	15000	12800	86	54 - 147	
Trichloroethene	2000	1990	100	82 - 122	
Toluene	2000	1940	97	79 - 136	
trans-1,3-Dichloropropene	2000	1900	95	73 - 118	
4-Methyl-2-pentanone	2000	1790	89	69 - 124	
cis-1,3-Dichloropropene	2000	1940	97	75 - 120	
1,2-Dichlorobenzene	2000	2040	102	83 - 123	
1,3-Dichlorobenzene	2000	2040	102	83 - 123	
1,4-Dichlorobenzene	2000	2040	102	84 - 124	
1,2,4-Trichlorobenzene	2000	2210	111	62 - 144	
1,2,3-Trichlorobenzene	2000	2630	132	36 - 207	
1,2-Dichloropropane	2000	2080	104	78 - 118	
Methylcyclohexane	2000	1940	97	80 - 134	
Tetrachloroethene	2000	2030	102	78 - 136	
Xylenes, Total	6000	5880	98	78 - 126	
1,2-Dibromo-3-Chloropropane	2000	1920	96	62 - 127	
1,1,2,2-Tetrachloroethane	2000	2160	108	86 - 145	
1,1,2-Trichloroethane	2000	1980	99	77 - 120	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-69045

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-69045/3	Analysis Batch:	460-69045	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j98779.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/31/2011 1007	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	2000	1920	96	78 - 118	
1,2-Dibromoethane	2000	1920	96	76 - 120	
Dichlorodifluoromethane	2000	2150	108	41 - 149	
Bromochloromethane	2000	2000	100	81 - 121	
Bromodichloromethane	2000	2040	102	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124	57 - 135
Toluene-d8 (Surr)	110	46 - 130
Bromofluorobenzene	116	50 - 124

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68798 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-68798/1-A	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-68798	Lab File ID:	u66362.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/30/2011 0527	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	330	U	41	330
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
4-Methylphenol	330	U	54	330
Benzaldehyde	330	U	21	330
Acetophenone	330	U	49	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2,2'-oxybis[1-chloropropane]	330	U	43	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Nitrobenzene	33	U	7.4	33
Hexachloroethane	33	U	5.6	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
2,4-Dichlorophenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	56	330
2-Methylnaphthalene	330	U	48	330
Hexachlorobenzene	33	U	4.6	33
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
Diphenyl	330	U	55	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	91	670
2,6-Dinitrotoluene	67	U	8.4	67
Dimethyl phthalate	330	U	45	330
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
4-Nitrophenol	1000	U	85	1000
2,4-Dinitrophenol	1000	U	70	1000
Dibenzofuran	330	U	50	330
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
Fluoranthene	330	U	55	330
Di-n-butyl phthalate	330	U	51	330
2,4-Dinitrotoluene	67	U	9.7	67
4-Chlorophenyl phenyl ether	330	U	57	330
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68798

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-68798/1-A	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-68798	Lab File ID:	u66362.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/30/2011 0527	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	330	U	59	330
Atrazine	330	U	62	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Phenanthrene	330	U	58	330
Pentachlorophenol	1000	U	160	1000
Pyrene	330	U	57	330
Chrysene	330	U	48	330
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[g,h,i]perylene	330	U	35	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[a]pyrene	33	U	4.1	33
Benzo[a]anthracene	33	U	6.1	33
N-Nitrosodiphenylamine	330	U	54	330
Butyl benzyl phthalate	330	U	39	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
3,3'-Dichlorobenzidine	670	U	73	670
1,2,4,5-Tetrachlorobenzene	330	U	45	330
2,3,4,6-Tetrachlorophenol	330	U	66	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	88	38 - 105
Phenol-d5	86	41 - 118
Terphenyl-d14	82	16 - 151
2,4,6-Tribromophenol	90	10 - 120
2-Fluorophenol	82	37 - 125
2-Fluorobiphenyl	91	40 - 109

Method Blank TICs- Batch: 460-68798

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	1.64	4050	A J

Lab Control Sample - Batch: 460-68798

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-68798/2-A	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-68798	Lab File ID:	u66359.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/30/2011 0424	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6650	4870	73	54 - 115	
2-Chlorophenol	6650	5280	79	56 - 110	
2-Methylphenol	6650	5220	78	54 - 117	
4-Methylphenol	6650	5490	83	47 - 103	
Benzaldehyde	3330	1110	34	10 - 160	
Acetophenone	3330	2860	86	40 - 95	
Bis(2-chloroethyl)ether	3330	3180	96	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2560	77	45 - 102	
N-Nitrosodi-n-propylamine	3330	2980	90	42 - 107	
Nitrobenzene	3330	2470	74	42 - 106	
Hexachloroethane	3330	2270	68	45 - 90	
Isophorone	3330	365	11	48 - 97	*
2-Nitrophenol	6650	5330	80	55 - 101	
2,4-Dimethylphenol	6650	5430	82	56 - 112	
2,4-Dichlorophenol	6650	5900	89	58 - 115	
Bis(2-chloroethoxy)methane	3330	2700	81	51 - 100	
Naphthalene	3330	2490	75	53 - 94	
4-Chloroaniline	3330	1660	50	10 - 96	
Hexachlorobutadiene	3330	2560	77	45 - 98	
Caprolactam	3330	1860	56	10 - 127	
4-Chloro-3-methylphenol	6650	5560	84	55 - 117	
2-Methylnaphthalene	3330	2640	79	51 - 98	
Hexachlorobenzene	3330	2720	82	43 - 104	
Hexachlorocyclopentadiene	3330	2750	83	24 - 98	
2,4,6-Trichlorophenol	6650	6080	91	53 - 118	
2,4,5-Trichlorophenol	6650	5620	84	50 - 115	
Diphenyl	3330	2920	88	50 - 105	
2-Chloronaphthalene	3330	2820	85	51 - 102	
2-Nitroaniline	3330	2750	83	51 - 109	
2,6-Dinitrotoluene	3330	3490	105	51 - 115	
Dimethyl phthalate	3330	3060	92	52 - 112	
Acenaphthylene	3330	2690	81	51 - 103	
3-Nitroaniline	3330	1710	51	32 - 104	
Acenaphthene	3330	2940	88	46 - 100	
4-Nitrophenol	6650	5890	89	45 - 114	
2,4-Dinitrophenol	6650	2990	45	10 - 129	
Dibenzofuran	3330	2610	78	52 - 106	
Diethyl phthalate	3330	3050	92	52 - 114	
Fluorene	3330	2770	83	51 - 108	
Fluoranthene	3330	2650	80	49 - 108	
Di-n-butyl phthalate	3330	2720	82	50 - 108	
2,4-Dinitrotoluene	3330	3130	94	53 - 110	
4-Chlorophenyl phenyl ether	3330	3290	99	50 - 106	
4-Nitroaniline	3330	2800	84	45 - 106	
4,6-Dinitro-2-methylphenol	6650	3660	55	10 - 110	
4-Bromophenyl phenyl ether	3330	2980	90	44 - 102	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68798

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-68798/2-A	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-68798	Lab File ID:	u66359.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/30/2011 0424	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2320	70	30 - 100	
Anthracene	3330	2840	85	50 - 107	
Carbazole	3330	2590	78	49 - 104	
Phenanthrene	3330	2580	78	48 - 108	
Pentachlorophenol	6650	5200	78	19 - 113	
Pyrene	3330	3080	93	49 - 116	
Chrysene	3330	2800	84	45 - 114	
Benzo[k]fluoranthene	3330	3310	99	35 - 115	
Benzo[g,h,i]perylene	3330	3240	97	43 - 106	
Benzo[b]fluoranthene	3330	3030	91	33 - 96	
Benzo[a]pyrene	3330	3150	95	36 - 89	*
Benzo[a]anthracene	3330	2850	86	46 - 112	
N-Nitrosodiphenylamine	3330	2540	76	49 - 106	
Butyl benzyl phthalate	3330	2990	90	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2970	89	49 - 119	
Di-n-octyl phthalate	3330	3180	96	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	3280	99	43 - 109	
Dibenz(a,h)anthracene	3330	3270	98	43 - 107	
3,3'-Dichlorobenzidine	3330	1620	49	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2820	85	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2940	88	70 - 130	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68798

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24277-7	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-68798	Lab File ID:	u66382.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 1210			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24277-7	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-68798	Lab File ID:	u66383.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/30/2011 1230			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	86	80	54 - 115	7	30		
2-Chlorophenol	88	83	56 - 110	6	30		
2-Methylphenol	87	83	54 - 117	4	30		
4-Methylphenol	92	86	47 - 103	7	30		
Benzaldehyde	182	174	10 - 160	4	30	F	F
Acetophenone	90	84	40 - 95	6	30		
Bis(2-chloroethyl)ether	105	107	44 - 101	2	30	F	F
2,2'-oxybis[1-chloropropane]	87	80	45 - 102	9	30		
N-Nitrosodi-n-propylamine	99	94	42 - 107	5	30		
Nitrobenzene	79	76	42 - 106	4	30		
Hexachloroethane	69	69	45 - 90	1	30		
Isophorone	89	88	48 - 97	1	30		
2-Nitrophenol	81	79	55 - 101	2	30		
2,4-Dimethylphenol	85	91	56 - 112	7	30		
2,4-Dichlorophenol	97	84	58 - 115	15	30		
Bis(2-chloroethoxy)methane	89	89	51 - 100	0	30		
Naphthalene	81	81	53 - 94	1	30		
4-Chloroaniline	54	56	10 - 96	5	30		
Hexachlorobutadiene	80	80	45 - 98	0	30		
Caprolactam	78	82	10 - 127	5	30		
4-Chloro-3-methylphenol	90	87	55 - 117	4	30		
2-Methylnaphthalene	87	88	51 - 98	2	30		
Hexachlorobenzene	86	83	43 - 104	4	30		
Hexachlorocyclopentadiene	50	51	24 - 98	1	30		
2,4,6-Trichlorophenol	92	88	53 - 118	5	30		
2,4,5-Trichlorophenol	91	87	50 - 115	5	30		
Diphenyl	93	86	50 - 105	8	30		
2-Chloronaphthalene	88	87	51 - 102	2	30		
2-Nitroaniline	100	98	51 - 109	2	30		
2,6-Dinitrotoluene	103	102	51 - 115	1	30		
Dimethyl phthalate	98	94	52 - 112	5	30		
Acenaphthylene	83	82	51 - 103	1	30		
3-Nitroaniline	67	68	32 - 104	1	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68798

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24277-7	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-68798	Lab File ID:	u66382.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 1210			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24277-7	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-68798	Lab File ID:	u66383.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/30/2011 1230			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	89	85	46 - 100	4	30		
4-Nitrophenol	80	74	45 - 114	8	30		
2,4-Dinitrophenol	23	17	10 - 129	29	30		
Dibenzofuran	84	79	52 - 106	6	30		
Diethyl phthalate	93	94	52 - 114	1	30		
Fluorene	83	88	51 - 108	5	30		
Fluoranthene	82	73	49 - 108	11	30		
Di-n-butyl phthalate	92	83	50 - 108	11	30		
2,4-Dinitrotoluene	102	90	53 - 110	12	30		
4-Chlorophenyl phenyl ether	99	97	50 - 106	2	30		
4-Nitroaniline	92	89	45 - 106	3	30		
4,6-Dinitro-2-methylphenol	38	29	10 - 110	26	30		
4-Bromophenyl phenyl ether	95	85	44 - 102	11	30		
Atrazine	81	71	30 - 100	13	30		
Anthracene	92	80	50 - 107	14	30		
Carbazole	87	80	49 - 104	9	30		
Phenanthrene	85	85	48 - 108	0	30		
Pentachlorophenol	38	31	19 - 113	23	30		
Pyrene	117	106	49 - 116	10	30	F	
Chrysene	101	97	45 - 114	4	30		
Benzo[k]fluoranthene	97	100	35 - 115	3	30		
Benzo[g,h,i]perylene	121	126	43 - 106	4	30	F	F
Benzo[b]fluoranthene	95	91	33 - 96	4	30		
Benzo[a]pyrene	93	96	36 - 89	3	30	F	F
Benzo[a]anthracene	94	91	46 - 112	3	30		
N-Nitrosodiphenylamine	85	81	49 - 106	5	30		
Butyl benzyl phthalate	119	113	49 - 117	5	30	F	
Bis(2-ethylhexyl) phthalate	116	108	49 - 119	7	30		
Di-n-octyl phthalate	106	105	40 - 106	2	30		
Indeno[1,2,3-cd]pyrene	119	112	43 - 109	7	30	F	F
Dibenz(a,h)anthracene	112	113	43 - 107	1	30	F	F
3,3'-Dichlorobenzidine	76	75	24 - 105	1	30		
1,2,4,5-Tetrachlorobenzene	84	87	70 - 130	3	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68798

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24277-7	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-68798	Lab File ID:	u66382.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 1210			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24277-7	Analysis Batch:	460-68940	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-68798	Lab File ID:	u66383.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/30/2011 1230			Final Weight/Volume:	1 mL
Prep Date:	03/28/2011 2200			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	78	75	70 - 130	4	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68798

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24277-7	Units: ug/Kg	MSD Lab Sample ID:	460-24277-7	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/30/2011 1210		Analysis Date:	03/30/2011 1230	
Prep Date:	03/28/2011 2200		Prep Date:	03/28/2011 2200	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	340	U	6930	6920	5970		5550	
2-Chlorophenol	340	U	6930	6920	6080		5750	
2-Methylphenol	340	U	6930	6920	6010		5750	
4-Methylphenol	340	U	6930	6920	6400		5950	
Benzaldehyde	340	U	3470	3460	6300	F	6030	F
Acetophenone	340	U	3470	3460	3110		2920	
Bis(2-chloroethyl)ether	34	U	3470	3460	3640	F	3690	F
2,2'-oxybis[1-chloropropane]	340	U	3470	3460	3010		2760	
N-Nitrosodi-n-propylamine	34	U	3470	3460	3430		3270	
Nitrobenzene	34	U	3470	3460	2740		2640	
Hexachloroethane	34	U	3470	3460	2410		2380	
Isophorone	340	U	3470	3460	3100		3060	
2-Nitrophenol	340	U	6930	6920	5580		5500	
2,4-Dimethylphenol	340	U	6930	6920	5900		6330	
2,4-Dichlorophenol	340	U	6930	6920	6750		5790	
Bis(2-chloroethoxy)methane	340	U	3470	3460	3070		3080	
Naphthalene	340	U	3470	3460	2790		2810	
4-Chloroaniline	340	U	3470	3460	1860		1950	
Hexachlorobutadiene	70	U	3470	3460	2780		2770	
Caprolactam	340	U	3470	3460	2690		2830	
4-Chloro-3-methylphenol	340	U	6930	6920	6240		6010	
2-Methylnaphthalene	340	U	3470	3460	3000		3060	
Hexachlorobenzene	34	U	3470	3460	2990		2870	
Hexachlorocyclopentadiene	340	U	3470	3460	1740		1770	
2,4,6-Trichlorophenol	340	U	6930	6920	6390		6060	
2,4,5-Trichlorophenol	340	U	6930	6920	6310		5990	
Diphenyl	340	U	3470	3460	3220		2980	
2-Chloronaphthalene	340	U	3470	3460	3050		3000	
2-Nitroaniline	700	U	3470	3460	3450		3380	
2,6-Dinitrotoluene	70	U	3470	3460	3570		3540	
Dimethyl phthalate	340	U	3470	3460	3390		3240	
Acenaphthylene	340	U	3470	3460	2880		2850	
3-Nitroaniline	700	U	3470	3460	2320		2340	
Acenaphthene	340	U	3470	3460	3070		2960	
4-Nitrophenol	1000	U	6930	6920	5570		5160	
2,4-Dinitrophenol	1000	U	6930	6920	1560		1170	
Dibenzofuran	340	U	3470	3460	2900		2730	
Diethyl phthalate	340	U	3470	3460	3220		3240	
Fluorene	340	U	3470	3460	2890		3040	
Fluoranthene	340	U	3470	3460	2830		2540	
Di-n-butyl phthalate	340	U	3470	3460	3190		2870	
2,4-Dinitrotoluene	70	U	3470	3460	3530		3120	
4-Chlorophenyl phenyl ether	340	U	3470	3460	3450		3370	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68798

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24277-7	Units: ug/Kg	MSD Lab Sample ID:	460-24277-7	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/30/2011 1210		Analysis Date:	03/30/2011 1230	
Prep Date:	03/28/2011 2200		Prep Date:	03/28/2011 2200	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	700	U	3470	3460	3180		3100	
4,6-Dinitro-2-methylphenol	1000	U	6930	6920	2630		2020	
4-Bromophenyl phenyl ether	340	U	3470	3460	3290		2950	
Atrazine	340	U	3470	3460	2810		2470	
Anthracene	340	U	3470	3460	3180		2760	
Carbazole	340	U	3470	3460	3020		2770	
Phenanthrene	340	U	3470	3460	2940		2950	
Pentachlorophenol	1000	U	6930	6920	2670		2110	
Pyrene	340	U	3470	3460	4050	F	3660	
Chrysene	340	U	3470	3460	3490		3340	
Benzo[k]fluoranthene	34	U	3470	3460	3370		3460	
Benzo[g,h,i]perylene	340	U	3470	3460	4200	F	4350	F
Benzo[b]fluoranthene	34	U	3470	3460	3280		3160	
Benzo[a]pyrene	34	U	3470	3460	3210	F	3310	F
Benzo[a]anthracene	34	U	3470	3460	3250		3150	
N-Nitrosodiphenylamine	340	U	3470	3460	2960		2820	
Butyl benzyl phthalate	340	U	3470	3460	4120	F	3910	
Bis(2-ethylhexyl) phthalate	340	U	3470	3460	4020		3750	
Di-n-octyl phthalate	340	U	3470	3460	3690		3630	
Indeno[1,2,3-cd]pyrene	34	U	3470	3460	4140	F	3880	F
Dibenz(a,h)anthracene	34	U	3470	3460	3880	F	3910	F
3,3'-Dichlorobenzidine	700	U	3470	3460	2630		2610	
1,2,4,5-Tetrachlorobenzene	340	U	3470	3460	2910		3000	
2,3,4,6-Tetrachlorophenol	340	U	3470	3460	2700		2590	

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68871 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-68871/1-A	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68871	Lab File ID:	p10102.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 0136	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	330	U	40	330
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
4-Methylphenol	330	U	54	330
Benzaldehyde	330	U	21	330
Acetophenone	330	U	49	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2,2'-oxybis[1-chloropropane]	330	U	43	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Nitrobenzene	33	U	7.4	33
Hexachloroethane	33	U	5.6	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
2,4-Dichlorophenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	55	330
2-Methylnaphthalene	330	U	48	330
Hexachlorobenzene	33	U	4.6	33
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
Diphenyl	330	U	54	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	90	670
2,6-Dinitrotoluene	67	U	8.4	67
Dimethyl phthalate	330	U	45	330
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
4-Nitrophenol	1000	U	85	1000
2,4-Dinitrophenol	1000	U	70	1000
Dibenzofuran	330	U	50	330
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
Fluoranthene	330	U	55	330
Di-n-butyl phthalate	330	U	51	330
2,4-Dinitrotoluene	67	U	9.6	67
4-Chlorophenyl phenyl ether	330	U	57	330
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68871

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-68871/1-A	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68871	Lab File ID:	p10102.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/30/2011 0136	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	330	U	59	330
Atrazine	330	U	62	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Phenanthrene	330	U	58	330
Pentachlorophenol	1000	U	160	1000
Pyrene	330	U	57	330
Chrysene	330	U	48	330
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[g,h,i]perylene	330	U	35	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[a]pyrene	33	U	4.1	33
Benzo[a]anthracene	33	U	6.1	33
N-Nitrosodiphenylamine	330	U	54	330
Butyl benzyl phthalate	330	U	39	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
3,3'-Dichlorobenzidine	670	U	73	670
1,2,4,5-Tetrachlorobenzene	330	U	44	330
2,3,4,6-Tetrachlorophenol	330	U	66	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	88	38 - 105
Phenol-d5	91	41 - 118
Terphenyl-d14	82	16 - 151
2,4,6-Tribromophenol	79	10 - 120
2-Fluorophenol	87	37 - 125
2-Fluorobiphenyl	84	40 - 109

Method Blank TICs- Batch: 460-68871

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.57	8240	A J

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68871

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-68871/2-A	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68871	Lab File ID:	p10101.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.96 g
Analysis Date:	03/30/2011 0109	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6680	5570	83	54 - 115	
2-Chlorophenol	6680	5890	88	56 - 110	
2-Methylphenol	6680	5960	89	54 - 117	
4-Methylphenol	6680	6090	91	47 - 103	
Benzaldehyde	3340	4820	144	10 - 160	
Acetophenone	3340	3060	92	40 - 95	
Bis(2-chloroethyl)ether	3340	3020	91	44 - 101	
2,2'-oxybis[1-chloropropane]	3340	3010	90	45 - 102	
N-Nitrosodi-n-propylamine	3340	3390	101	42 - 107	
Nitrobenzene	3340	2750	82	42 - 106	
Hexachloroethane	3340	2820	84	45 - 90	
Isophorone	3340	2920	87	48 - 97	
2-Nitrophenol	6680	6160	92	55 - 101	
2,4-Dimethylphenol	6680	5720	86	56 - 112	
2,4-Dichlorophenol	6680	5630	84	58 - 115	
Bis(2-chloroethoxy)methane	3340	3030	91	51 - 100	
Naphthalene	3340	2880	86	53 - 94	
4-Chloroaniline	3340	1900	57	10 - 96	
Hexachlorobutadiene	3340	2740	82	45 - 98	
Caprolactam	3340	3540	106	10 - 127	
4-Chloro-3-methylphenol	6680	6180	92	55 - 117	
2-Methylnaphthalene	3340	2960	89	51 - 98	
Hexachlorobenzene	3340	2860	86	43 - 104	
Hexachlorocyclopentadiene	3340	2320	70	24 - 98	
2,4,6-Trichlorophenol	6680	5870	88	53 - 118	
2,4,5-Trichlorophenol	6680	5930	89	50 - 115	
Diphenyl	3340	2990	90	50 - 105	
2-Chloronaphthalene	3340	2840	85	51 - 102	
2-Nitroaniline	3340	2670	80	51 - 109	
2,6-Dinitrotoluene	3340	3130	94	51 - 115	
Dimethyl phthalate	3340	3020	90	52 - 112	
Acenaphthylene	3340	2830	85	51 - 103	
3-Nitroaniline	3340	2220	66	32 - 104	
Acenaphthene	3340	2940	88	46 - 100	
4-Nitrophenol	6680	6400	96	45 - 114	
2,4-Dinitrophenol	6680	6280	94	10 - 129	
Dibenzofuran	3340	2850	85	52 - 106	
Diethyl phthalate	3340	3060	92	52 - 114	
Fluorene	3340	2980	89	51 - 108	
Fluoranthene	3340	3080	92	49 - 108	
Di-n-butyl phthalate	3340	3230	97	50 - 108	
2,4-Dinitrotoluene	3340	3050	91	53 - 110	
4-Chlorophenyl phenyl ether	3340	2940	88	50 - 106	
4-Nitroaniline	3340	2960	89	45 - 106	
4,6-Dinitro-2-methylphenol	6680	7030	105	10 - 110	
4-Bromophenyl phenyl ether	3340	2890	87	44 - 102	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68871

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-68871/2-A	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68871	Lab File ID:	p10101.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.96 g
Analysis Date:	03/30/2011 0109	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3340	2650	79	30 - 100	
Anthracene	3340	2900	87	50 - 107	
Carbazole	3340	3000	90	49 - 104	
Phenanthrene	3340	2950	88	48 - 108	
Pentachlorophenol	6680	6090	91	19 - 113	
Pyrene	3340	2830	85	49 - 116	
Chrysene	3340	3050	91	45 - 114	
Benzo[k]fluoranthene	3340	2830	85	35 - 115	
Benzo[g,h,i]perylene	3340	2930	88	43 - 106	
Benzo[b]fluoranthene	3340	2800	84	33 - 96	
Benzo[a]pyrene	3340	2810	84	36 - 89	
Benzo[a]anthracene	3340	2790	83	46 - 112	
N-Nitrosodiphenylamine	3340	3140	94	49 - 106	
Butyl benzyl phthalate	3340	3220	96	49 - 117	
Bis(2-ethylhexyl) phthalate	3340	3300	99	49 - 119	
Di-n-octyl phthalate	3340	3100	93	40 - 106	
Indeno[1,2,3-cd]pyrene	3340	3380	101	43 - 109	
Dibenz(a,h)anthracene	3340	3020	90	43 - 107	
3,3'-Dichlorobenzidine	3340	2400	72	24 - 105	
1,2,4,5-Tetrachlorobenzene	3340	2850	85	70 - 130	
2,3,4,6-Tetrachlorophenol	3340	2900	87	70 - 130	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68871

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24277-12	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68871	Lab File ID:	p10120.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.99 g
Analysis Date:	03/30/2011 0940			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24277-12	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68871	Lab File ID:	p10121.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.97 g
Analysis Date:	03/30/2011 1007			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	87	91	54 - 115	4	30		
2-Chlorophenol	90	93	56 - 110	4	30		
2-Methylphenol	93	102	54 - 117	9	30		
4-Methylphenol	100	102	47 - 103	2	30		
Benzaldehyde	121	93	10 - 160	26	30		
Acetophenone	101	107	40 - 95	6	30	F	F
Bis(2-chloroethyl)ether	92	99	44 - 101	7	30		
2,2'-oxybis[1-chloropropane]	91	92	45 - 102	2	30		
N-Nitrosodi-n-propylamine	116	112	42 - 107	4	30	F	F
Nitrobenzene	90	92	42 - 106	3	30		
Hexachloroethane	82	82	45 - 90	1	30		
Isophorone	109	118	48 - 97	8	30	F	F
2-Nitrophenol	94	97	55 - 101	3	30		
2,4-Dimethylphenol	94	98	56 - 112	5	30		
2,4-Dichlorophenol	91	95	58 - 115	4	30		
Bis(2-chloroethoxy)methane	98	101	51 - 100	3	30		F
Naphthalene	87	90	53 - 94	3	30		
4-Chloroaniline	63	61	10 - 96	3	30		
Hexachlorobutadiene	80	80	45 - 98	0	30		
Caprolactam	467	603	10 - 127	26	30	E F	E F
4-Chloro-3-methylphenol	97	98	55 - 117	1	30		
2-Methylnaphthalene	85	85	51 - 98	0	30		
Hexachlorobenzene	80	87	43 - 104	9	30		
Hexachlorocyclopentadiene	82	82	24 - 98	1	30		
2,4,6-Trichlorophenol	97	101	53 - 118	4	30		
2,4,5-Trichlorophenol	115	106	50 - 115	8	30		
Diphenyl	110	111	50 - 105	1	30	F	F
2-Chloronaphthalene	102	100	51 - 102	2	30		
2-Nitroaniline	137	130	51 - 109	5	30	F	F
2,6-Dinitrotoluene	101	96	51 - 115	5	30		
Dimethyl phthalate	120	115	52 - 112	4	30	F	F
Acenaphthylene	109	110	51 - 103	1	30	F	F
3-Nitroaniline	113	114	32 - 104	1	30	F	F

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68871

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24277-12	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68871	Lab File ID:	p10120.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.99 g
Analysis Date:	03/30/2011 0940			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24277-12	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68871	Lab File ID:	p10121.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.97 g
Analysis Date:	03/30/2011 1007			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	127	125	46 - 100	1	30	F	F
4-Nitrophenol	115	112	45 - 114	2	30	F	
2,4-Dinitrophenol	98	97	10 - 129	0	30		
Dibenzofuran	107	110	52 - 106	3	30	F	F
Diethyl phthalate	123	122	52 - 114	0	30	F	F
Fluorene	108	109	51 - 108	1	30		F
Fluoranthene	90	99	49 - 108	10	30		
Di-n-butyl phthalate	95	107	50 - 108	12	30		
2,4-Dinitrotoluene	118	114	53 - 110	3	30	F	F
4-Chlorophenyl phenyl ether	111	110	50 - 106	1	30	F	F
4-Nitroaniline	130	107	45 - 106	19	30	F	F
4,6-Dinitro-2-methylphenol	91	96	10 - 110	5	30		
4-Bromophenyl phenyl ether	76	87	44 - 102	13	30		
Atrazine	79	90	30 - 100	13	30		
Anthracene	84	89	50 - 107	6	30		
Carbazole	87	94	49 - 104	9	30		
Phenanthrene	84	93	48 - 108	10	30		
Pentachlorophenol	69	69	19 - 113	0	30		
Pyrene	87	87	49 - 116	0	30		
Chrysene	91	90	45 - 114	2	30		
Benzo[k]fluoranthene	83	85	35 - 115	3	30		
Benzo[g,h,i]perylene	88	88	43 - 106	1	30		
Benzo[b]fluoranthene	86	87	33 - 96	2	30		
Benzo[a]pyrene	82	83	36 - 89	1	30		
Benzo[a]anthracene	85	85	46 - 112	0	30		
N-Nitrosodiphenylamine	123	143	49 - 106	15	30	F	F
Butyl benzyl phthalate	98	99	49 - 117	1	30		
Bis(2-ethylhexyl) phthalate	98	98	49 - 119	1	30		
Di-n-octyl phthalate	94	91	40 - 106	4	30		
Indeno[1,2,3-cd]pyrene	101	101	43 - 109	0	30		
Dibenz(a,h)anthracene	91	91	43 - 107	1	30		
3,3'-Dichlorobenzidine	72	66	24 - 105	8	30		
1,2,4,5-Tetrachlorobenzene	111	114	70 - 130	2	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68871

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24277-12	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68871	Lab File ID:	p10120.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.99 g
Analysis Date:	03/30/2011 0940			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24277-12	Analysis Batch:	460-69222	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68871	Lab File ID:	p10121.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.97 g
Analysis Date:	03/30/2011 1007			Final Weight/Volume:	1 mL
Prep Date:	03/29/2011 2223			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	98	99	70 - 130	1	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68871

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24277-12	Units:	ug/Kg	MSD Lab Sample ID:	460-24277-12
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/30/2011 0940			Analysis Date:	03/30/2011 1007
Prep Date:	03/29/2011 2223			Prep Date:	03/29/2011 2223
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	360	U	7370	7380	6420		6690	
2-Chlorophenol	360	U	7370	7380	6620		6860	
2-Methylphenol	360	U	7370	7380	6880		7510	
4-Methylphenol	360	U	7370	7380	7380		7520	
Benzaldehyde	360	U	3680	3690	4460		3430	
Acetophenone	360	U	3680	3690	3730	F	3950	F
Bis(2-chloroethyl)ether	36	U	3680	3690	3390		3640	
2,2'-oxybis[1-chloropropane]	360	U	3680	3690	3340		3400	
N-Nitrosodi-n-propylamine	36	U	3680	3690	4270	F	4120	F
Nitrobenzene	36	U	3680	3690	3300		3410	
Hexachloroethane	36	U	3680	3690	3010		3030	
Isophorone	360	U	3680	3690	4010	F	4360	F
2-Nitrophenol	360	U	7370	7380	6920		7140	
2,4-Dimethylphenol	360	U	7370	7380	6910		7260	
2,4-Dichlorophenol	360	U	7370	7380	6720		6990	
Bis(2-chloroethoxy)methane	360	U	3680	3690	3600		3720	F
Naphthalene	360	U	3680	3690	3210		3310	
4-Chloroaniline	360	U	3680	3690	2320		2250	
Hexachlorobutadiene	74	U	3680	3690	2950		2960	
Caprolactam	360	U	3680	3690	17200	E F	22300	E F
4-Chloro-3-methylphenol	360	U	7370	7380	7170		7250	
2-Methylnaphthalene	360	U	3680	3690	3140		3150	
Hexachlorobenzene	36	U	3680	3690	2930		3200	
Hexachlorocyclopentadiene	360	U	3680	3690	3010		3040	
2,4,6-Trichlorophenol	360	U	7370	7380	7150		7420	
2,4,5-Trichlorophenol	360	U	7370	7380	8470		7790	
Diphenyl	360	U	3680	3690	4050	F	4080	F
2-Chloronaphthalene	360	U	3680	3690	3760		3680	
2-Nitroaniline	740	U	3680	3690	5030	F	4790	F
2,6-Dinitrotoluene	74	U	3680	3690	3730		3550	
Dimethyl phthalate	360	U	3680	3690	4420	F	4260	F
Acenaphthylene	360	U	3680	3690	4030	F	4050	F
3-Nitroaniline	740	U	3680	3690	4180	F	4220	F
Acenaphthene	360	U	3680	3690	4670	F	4610	F
4-Nitrophenol	1100	U	7370	7380	8450	F	8250	
2,4-Dinitrophenol	1100	U	7370	7380	7210		7180	
Dibenzofuran	360	U	3680	3690	3940	F	4070	F
Diethyl phthalate	360	U	3680	3690	4520	F	4510	F
Fluorene	360	U	3680	3690	3980		4010	F
Fluoranthene	360	U	3680	3690	3320		3650	
Di-n-butyl phthalate	360	U	3680	3690	3520		3960	
2,4-Dinitrotoluene	74	U	3680	3690	4350	F	4220	F
4-Chlorophenyl phenyl ether	360	U	3680	3690	4080	F	4060	F

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68871

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24277-12	Units:	ug/Kg	MSD Lab Sample ID:	460-24277-12
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/30/2011 0940			Analysis Date:	03/30/2011 1007
Prep Date:	03/29/2011 2223			Prep Date:	03/29/2011 2223
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	740	U	3680	3690	4800	F	3960	F
4,6-Dinitro-2-methylphenol	1100	U	7370	7380	6720		7050	
4-Bromophenyl phenyl ether	360	U	3680	3690	2800		3200	
Atrazine	360	U	3680	3690	2920		3320	
Anthracene	360	U	3680	3690	3080		3270	
Carbazole	360	U	3680	3690	3190		3480	
Phenanthrene	360	U	3680	3690	3100		3440	
Pentachlorophenol	1100	U	7370	7380	5090		5100	
Pyrene	98	J	3680	3690	3310		3320	
Chrysene	360	U	3680	3690	3370		3310	
Benzo[k]fluoranthene	36	U	3680	3690	3050		3120	
Benzo[g,h,i]perylene	360	U	3680	3690	3230		3260	
Benzo[b]fluoranthene	36	U	3680	3690	3160		3210	
Benzo[a]pyrene	36	U	3680	3690	3010		3050	
Benzo[a]anthracene	36	U	3680	3690	3120		3120	
N-Nitrosodiphenylamine	360	U	3680	3690	4540	F	5280	F
Butyl benzyl phthalate	360	U	3680	3690	3590		3640	
Bis(2-ethylhexyl) phthalate	360	U	3680	3690	3600		3620	
Di-n-octyl phthalate	360	U	3680	3690	3480		3340	
Indeno[1,2,3-cd]pyrene	36	U	3680	3690	3720		3730	
Dibenz(a,h)anthracene	36	U	3680	3690	3340		3360	
3,3'-Dichlorobenzidine	740	U	3680	3690	2650		2440	
1,2,4,5-Tetrachlorobenzene	360	U	3680	3690	4100		4190	
2,3,4,6-Tetrachlorophenol	360	U	3680	3690	3610		3660	

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-69007

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-69007/1-A	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15581.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/31/2011 0353	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	330	U	40	330
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
4-Methylphenol	330	U	54	330
Benzaldehyde	330	U	21	330
Acetophenone	330	U	49	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2,2'-oxybis[1-chloropropane]	330	U	43	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Nitrobenzene	33	U	7.4	33
Hexachloroethane	33	U	5.6	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
2,4-Dichlorophenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	55	330
2-Methylnaphthalene	330	U	48	330
Hexachlorobenzene	33	U	4.6	33
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
Diphenyl	330	U	54	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	90	670
2,6-Dinitrotoluene	67	U	8.4	67
Dimethyl phthalate	330	U	45	330
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
4-Nitrophenol	1000	U	85	1000
2,4-Dinitrophenol	1000	U	70	1000
Dibenzofuran	330	U	50	330
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
Fluoranthene	330	U	55	330
Di-n-butyl phthalate	330	U	51	330
2,4-Dinitrotoluene	67	U	9.6	67
4-Chlorophenyl phenyl ether	330	U	57	330
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-69007

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-69007/1-A	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15581.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/31/2011 0353	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	330	U	59	330
Atrazine	330	U	62	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Phenanthrene	330	U	58	330
Pentachlorophenol	1000	U	160	1000
Pyrene	330	U	57	330
Chrysene	330	U	48	330
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[g,h,i]perylene	330	U	35	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[a]pyrene	33	U	4.1	33
Benzo[a]anthracene	33	U	6.1	33
N-Nitrosodiphenylamine	330	U	54	330
Butyl benzyl phthalate	330	U	39	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
3,3'-Dichlorobenzidine	670	U	73	670
1,2,4,5-Tetrachlorobenzene	330	U	44	330
2,3,4,6-Tetrachlorophenol	330	U	66	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	73	38 - 105
Phenol-d5	79	41 - 118
Terphenyl-d14	75	16 - 151
2,4,6-Tribromophenol	83	10 - 120
2-Fluorophenol	71	37 - 125
2-Fluorobiphenyl	69	40 - 109

Method Blank TICs- Batch: 460-69007

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	1.14	7800	A J

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-69007

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-69007/2-A	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15580.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.96 g
Analysis Date:	03/31/2011 0331	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6680	5440	81	54 - 115	
2-Chlorophenol	6680	5140	77	56 - 110	
2-Methylphenol	6680	5560	83	54 - 117	
4-Methylphenol	6680	5490	82	47 - 103	
Benzaldehyde	3340	4310	129	10 - 160	
Acetophenone	3340	2920	87	40 - 95	
Bis(2-chloroethyl)ether	3340	2650	79	44 - 101	
2,2'-oxybis[1-chloropropane]	3340	2960	89	45 - 102	
N-Nitrosodi-n-propylamine	3340	3250	97	42 - 107	
Nitrobenzene	3340	2650	79	42 - 106	
Hexachloroethane	3340	2640	79	45 - 90	
Isophorone	3340	2580	77	48 - 97	
2-Nitrophenol	6680	5500	82	55 - 101	
2,4-Dimethylphenol	6680	5310	79	56 - 112	
2,4-Dichlorophenol	6680	5320	80	58 - 115	
Bis(2-chloroethoxy)methane	3340	2870	86	51 - 100	
Naphthalene	3340	2660	80	53 - 94	
4-Chloroaniline	3340	1800	54	10 - 96	
Hexachlorobutadiene	3340	2660	79	45 - 98	
Caprolactam	3340	2820	84	10 - 127	
4-Chloro-3-methylphenol	6680	5840	87	55 - 117	
2-Methylnaphthalene	3340	4670	140	51 - 98	*
Hexachlorobenzene	3340	2800	84	43 - 104	
Hexachlorocyclopentadiene	3340	2540	76	24 - 98	
2,4,6-Trichlorophenol	6680	5400	81	53 - 118	
2,4,5-Trichlorophenol	6680	5530	83	50 - 115	
Diphenyl	3340	2710	81	50 - 105	
2-Chloronaphthalene	3340	2650	79	51 - 102	
2-Nitroaniline	3340	2920	87	51 - 109	
2,6-Dinitrotoluene	3340	3340	100	51 - 115	
Dimethyl phthalate	3340	2970	89	52 - 112	
Acenaphthylene	3340	2650	79	51 - 103	
3-Nitroaniline	3340	2080	62	32 - 104	
Acenaphthene	3340	2750	82	46 - 100	
4-Nitrophenol	6680	6510	97	45 - 114	
2,4-Dinitrophenol	6680	6230	93	10 - 129	
Dibenzofuran	3340	2790	83	52 - 106	
Diethyl phthalate	3340	3050	91	52 - 114	
Fluorene	3340	2860	85	51 - 108	
Fluoranthene	3340	3230	97	49 - 108	
Di-n-butyl phthalate	3340	3210	96	50 - 108	
2,4-Dinitrotoluene	3340	3290	98	53 - 110	
4-Chlorophenyl phenyl ether	3340	2930	88	50 - 106	
4-Nitroaniline	3340	3700	111	45 - 106	*
4,6-Dinitro-2-methylphenol	6680	5850	88	10 - 110	
4-Bromophenyl phenyl ether	3340	2770	83	44 - 102	

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-69007

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-69007/2-A	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15580.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.96 g
Analysis Date:	03/31/2011 0331	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3340	2970	89	30 - 100	
Anthracene	3340	2630	79	50 - 107	
Carbazole	3340	3090	93	49 - 104	
Phenanthrene	3340	2850	85	48 - 108	
Pentachlorophenol	6680	5790	87	19 - 113	
Pyrene	3340	2600	78	49 - 116	
Chrysene	3340	2710	81	45 - 114	
Benzo[k]fluoranthene	3340	2610	78	35 - 115	
Benzo[g,h,i]perylene	3340	2770	83	43 - 106	
Benzo[b]fluoranthene	3340	2830	85	33 - 96	
Benzo[a]pyrene	3340	2800	84	36 - 89	
Benzo[a]anthracene	3340	2800	84	46 - 112	
N-Nitrosodiphenylamine	3340	2840	85	49 - 106	
Butyl benzyl phthalate	3340	2920	87	49 - 117	
Bis(2-ethylhexyl) phthalate	3340	3040	91	49 - 119	
Di-n-octyl phthalate	3340	2780	83	40 - 106	
Indeno[1,2,3-cd]pyrene	3340	2960	89	43 - 109	
Dibenz(a,h)anthracene	3340	2990	89	43 - 107	
3,3'-Dichlorobenzidine	3340	2210	66	24 - 105	
1,2,4,5-Tetrachlorobenzene	3340	2590	77	70 - 130	
2,3,4,6-Tetrachlorophenol	3340	3110	93	70 - 130	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69007

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24279-F-1-B MS	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15589.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 0646			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24279-F-1-C MSD	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15590.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/31/2011 0708			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	77	79	54 - 115	3	30		
2-Chlorophenol	72	76	56 - 110	4	30		
2-Methylphenol	78	82	54 - 117	5	30		
4-Methylphenol	78	81	47 - 103	4	30		
Benzaldehyde	87	95	10 - 160	8	30		
Acetophenone	83	86	40 - 95	4	30		
Bis(2-chloroethyl)ether	80	79	44 - 101	1	30		
2,2'-oxybis[1-chloropropane]	81	84	45 - 102	4	30		
N-Nitrosodi-n-propylamine	88	93	42 - 107	5	30		
Nitrobenzene	75	78	42 - 106	4	30		
Hexachloroethane	73	77	45 - 90	4	30		
Isophorone	83	86	48 - 97	3	30		
2-Nitrophenol	79	83	55 - 101	4	30		
2,4-Dimethylphenol	78	81	56 - 112	4	30		
2,4-Dichlorophenol	78	81	58 - 115	3	30		
Bis(2-chloroethoxy)methane	83	87	51 - 100	3	30		
Naphthalene	76	79	53 - 94	4	30		
4-Chloroaniline	61	60	10 - 96	2	30		
Hexachlorobutadiene	77	81	45 - 98	5	30		
Caprolactam	83	84	10 - 127	1	30		
4-Chloro-3-methylphenol	82	85	55 - 117	4	30		
2-Methylnaphthalene	133	139	51 - 98	4	30	F	F
Hexachlorobenzene	84	87	43 - 104	2	30		
Hexachlorocyclopentadiene	75	77	24 - 98	3	30		
2,4,6-Trichlorophenol	77	78	53 - 118	1	30		
2,4,5-Trichlorophenol	81	89	50 - 115	9	30		
Diphenyl	80	82	50 - 105	3	30		
2-Chloronaphthalene	78	82	51 - 102	4	30		
2-Nitroaniline	82	86	51 - 109	4	30		
2,6-Dinitrotoluene	98	102	51 - 115	4	30		
Dimethyl phthalate	87	89	52 - 112	2	30		
Acenaphthylene	78	80	51 - 103	2	30		
3-Nitroaniline	71	70	32 - 104	2	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69007

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24279-F-1-B MS	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15589.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 0646			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24279-F-1-C MSD	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15590.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/31/2011 0708			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	81	84	46 - 100	3	30		
4-Nitrophenol	55	61	45 - 114	10	30		
2,4-Dinitrophenol	86	86	10 - 129	1	30		
Dibenzofuran	82	84	52 - 106	2	30		
Diethyl phthalate	90	93	52 - 114	3	30		
Fluorene	83	86	51 - 108	3	30		
Fluoranthene	94	98	49 - 108	3	30		
Di-n-butyl phthalate	94	99	50 - 108	5	30		
2,4-Dinitrotoluene	98	100	53 - 110	2	30		
4-Chlorophenyl phenyl ether	86	89	50 - 106	3	30		
4-Nitroaniline	107	111	45 - 106	4	30	F	F
4,6-Dinitro-2-methylphenol	84	85	10 - 110	1	30		
4-Bromophenyl phenyl ether	83	86	44 - 102	3	30		
Atrazine	84	89	30 - 100	6	30		
Anthracene	76	79	50 - 107	3	30		
Carbazole	89	93	49 - 104	4	30		
Phenanthrene	83	85	48 - 108	3	30		
Pentachlorophenol	76	77	19 - 113	1	30		
Pyrene	75	77	49 - 116	2	30		
Chrysene	80	84	45 - 114	5	30		
Benzo[k]fluoranthene	83	87	35 - 115	5	30		
Benzo[g,h,i]perylene	83	85	43 - 106	2	30		
Benzo[b]fluoranthene	92	91	33 - 96	2	30		
Benzo[a]pyrene	83	86	36 - 89	3	30		
Benzo[a]anthracene	81	85	46 - 112	4	30		
N-Nitrosodiphenylamine	85	86	49 - 106	2	30		
Butyl benzyl phthalate	87	90	49 - 117	3	30		
Bis(2-ethylhexyl) phthalate	91	95	49 - 119	4	30		
Di-n-octyl phthalate	84	87	40 - 106	3	30		
Indeno[1,2,3-cd]pyrene	85	90	43 - 109	5	30		
Dibenz(a,h)anthracene	87	89	43 - 107	2	30		
3,3'-Dichlorobenzidine	65	70	24 - 105	7	30		
1,2,4,5-Tetrachlorobenzene	78	80	70 - 130	2	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69007

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24279-F-1-B MS	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15589.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 0646			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24279-F-1-C MSD	Analysis Batch:	460-69101	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-69007	Lab File ID:	z15590.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	03/31/2011 0708			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2253			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	91	93	70 - 130	2	30		

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69007

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24279-F-1-B MS	Units: ug/Kg	MSD Lab Sample ID:	460-24279-F-1-C MSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/31/2011 0646		Analysis Date:	03/31/2011 0708	
Prep Date:	03/30/2011 2253		Prep Date:	03/30/2011 2253	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	350	U	7060	7040	5410		5560	
2-Chlorophenol	350	U	7060	7040	5100		5330	
2-Methylphenol	350	U	7060	7040	5510		5800	
4-Methylphenol	350	U	7060	7040	5480		5700	
Benzaldehyde	350	U	3530	3520	3070		3340	
Acetophenone	350	U	3530	3520	2910		3020	
Bis(2-chloroethyl)ether	35	U	3530	3520	2810		2790	
2,2'-oxybis[1-chloropropane]	350	U	3530	3520	2850		2970	
N-Nitrosodi-n-propylamine	35	U	3530	3520	3120		3260	
Nitrobenzene	35	U	3530	3520	2630		2730	
Hexachloroethane	35	U	3530	3520	2590		2700	
Isophorone	350	U	3530	3520	2950		3040	
2-Nitrophenol	350	U	7060	7040	5590		5840	
2,4-Dimethylphenol	350	U	7060	7040	5490		5720	
2,4-Dichlorophenol	350	U	7060	7040	5510		5690	
Bis(2-chloroethoxy)methane	350	U	3530	3520	2950		3050	
Naphthalene	350	U	3530	3520	2700		2800	
4-Chloroaniline	350	U	3530	3520	2150		2110	
Hexachlorobutadiene	71	U	3530	3520	2720		2860	
Caprolactam	350	U	3530	3520	2920		2940	
4-Chloro-3-methylphenol	350	U	7060	7040	5800		6020	
2-Methylnaphthalene	350	U	3530	3520	4700	F	4880	F
Hexachlorobenzene	35	U	3530	3520	2970		3050	
Hexachlorocyclopentadiene	350	U	3530	3520	2640		2710	
2,4,6-Trichlorophenol	350	U	7060	7040	5430		5490	
2,4,5-Trichlorophenol	350	U	7060	7040	5710		6240	
Diphenyl	350	U	3530	3520	2820		2890	
2-Chloronaphthalene	350	U	3530	3520	2760		2870	
2-Nitroaniline	710	U	3530	3520	2910		3030	
2,6-Dinitrotoluene	71	U	3530	3520	3460		3580	
Dimethyl phthalate	350	U	3530	3520	3070		3120	
Acenaphthylene	350	U	3530	3520	2750		2810	
3-Nitroaniline	710	U	3530	3520	2520		2460	
Acenaphthene	350	U	3530	3520	2850		2950	
4-Nitrophenol	1100	U	7060	7040	3900		4290	
2,4-Dinitrophenol	1100	U	7060	7040	6050		6090	
Dibenzofuran	350	U	3530	3520	2890		2960	
Diethyl phthalate	350	U	3530	3520	3160		3260	
Fluorene	350	U	3530	3520	2930		3020	
Fluoranthene	350	U	3530	3520	3320		3430	
Di-n-butyl phthalate	350	U	3530	3520	3310		3470	
2,4-Dinitrotoluene	71	U	3530	3520	3450		3530	
4-Chlorophenyl phenyl ether	350	U	3530	3520	3030		3130	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69007

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24279-F-1-B MS	Units:	ug/Kg	MSD Lab Sample ID:	460-24279-F-1-C MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/31/2011 0646			Analysis Date:	03/31/2011 0708
Prep Date:	03/30/2011 2253			Prep Date:	03/30/2011 2253
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	710	U	3530	3520	3770	F	3900	F
4,6-Dinitro-2-methylphenol	1100	U	7060	7040	5960		6010	
4-Bromophenyl phenyl ether	350	U	3530	3520	2930		3010	
Atrazine	350	U	3530	3520	2950		3140	
Anthracene	350	U	3530	3520	2700		2790	
Carbazole	350	U	3530	3520	3160		3280	
Phenanthrene	350	U	3530	3520	2920		3010	
Pentachlorophenol	1100	U	7060	7040	5390		5450	
Pyrene	350	U	3530	3520	2660		2710	
Chrysene	350	U	3530	3520	2830		2970	
Benzo[k]fluoranthene	35	U	3530	3520	2930		3070	
Benzo[g,h,i]perylene	350	U	3530	3520	2920		2990	
Benzo[b]fluoranthene	35	U	3530	3520	3240		3190	
Benzo[a]pyrene	35	U	3530	3520	2930		3020	
Benzo[a]anthracene	35	U	3530	3520	2860		2980	
N-Nitrosodiphenylamine	350	U	3530	3520	2990		3040	
Butyl benzyl phthalate	350	U	3530	3520	3050		3160	
Bis(2-ethylhexyl) phthalate	350	U	3530	3520	3210		3350	
Di-n-octyl phthalate	350	U	3530	3520	2980		3070	
Indeno[1,2,3-cd]pyrene	35	U	3530	3520	3010		3170	
Dibenz(a,h)anthracene	35	U	3530	3520	3080		3130	
3,3'-Dichlorobenzidine	710	U	3530	3520	2300		2470	
1,2,4,5-Tetrachlorobenzene	350	U	3530	3520	2770		2810	
2,3,4,6-Tetrachlorophenol	350	U	3530	3520	3210		3280	

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68886 **Method: 8082**
Preparation: 3541

Lab Sample ID:	MB 460-68886/1-A	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68886	Lab File ID:	or171033.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 1042	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0355			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	67	U	13	67
Aroclor 1221	67	U	20	67
Aroclor 1232	67	U	38	67
Aroclor 1242	67	U	13	67
Aroclor 1248	67	U	18	67
Aroclor 1254	67	U	23	67
Aroclor 1260	67	U	7.5	67
Aroclor 1262	67	U	12	67
Aroclor 1268	67	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	141	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	134	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68886 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-68886/2-A	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68886	Lab File ID:	of171034.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 1058	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0355			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	423	127	60 - 144	
Aroclor 1260	333	405	122	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	137	30 - 150

Lab Control Sample - Batch: 460-68886 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-68886/2-A	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68886	Lab File ID:	or171034.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 1058	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0355			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	399	120	60 - 144	
Aroclor 1260	333	372	112	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	130	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68886

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24277-1	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68886	Lab File ID:	of171035.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/31/2011 1114			Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0355			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY
MSD Lab Sample ID:	460-24277-1	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68886	Lab File ID:	of171036.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/31/2011 1130			Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0355			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	143	132	60 - 144	8	30		
Aroclor 1260	121	108	63 - 143	11	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	125	116	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68886

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24277-1	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68886	Lab File ID:	or171035.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/31/2011 1114			Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0355			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY
MSD Lab Sample ID:	460-24277-1	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68886	Lab File ID:	or171036.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/31/2011 1130			Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0355			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	127	119	60 - 144	7	30		
Aroclor 1260	108	100	63 - 143	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	118	109	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68886

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24277-1	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	03/31/2011 1114		
Prep Date:	03/30/2011 0355		
Leach Date:	N/A		

MSD Lab Sample ID:	460-24277-1
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	03/31/2011 1130
Prep Date:	03/30/2011 0355
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	70	U	348	348	497	458
Aroclor 1260	70	U	348	348	421	377

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68886

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24277-1	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	03/31/2011 1114		
Prep Date:	03/30/2011 0355		
Leach Date:	N/A		

MSD Lab Sample ID:	460-24277-1
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	03/31/2011 1130
Prep Date:	03/30/2011 0355
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	70	U	348	348	443	412
Aroclor 1260	70	U	348	348	377	347

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68889

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-68889/1-A	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-68889	Lab File ID:	qr082595.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 1433	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0435			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	67	U	13	67
Aroclor 1221	67	U	20	67
Aroclor 1232	67	U	38	67
Aroclor 1242	67	U	13	67
Aroclor 1248	67	U	18	67
Aroclor 1254	67	U	23	67
Aroclor 1260	67	U	7.5	67
Aroclor 1262	67	U	12	67
Aroclor 1268	67	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	105	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	101	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-68889 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-68889/2-A	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-68889	Lab File ID:	qr082596.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 1449	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0435			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	321	96	60 - 144	
Aroclor 1260	333	310	93	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	92	30 - 150

Lab Control Sample - Batch: 460-68889 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-68889/2-A	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-68889	Lab File ID:	qf082596.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 1449	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0435			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	306	92	60 - 144	
Aroclor 1260	333	296	89	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	88	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68889

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24337-A-13-A MS	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-68889	Lab File ID:	qr082597.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/31/2011 1505			Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0435			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-24337-A-13-B MSD	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-68889	Lab File ID:	qf082598.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 1521			Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0435			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	113	113	60 - 144	1	30		
Aroclor 1260	116	115	63 - 143	0	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	106	106	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68889

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24337-A-13-A MS	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-68889	Lab File ID:	qf082597.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/31/2011 1505			Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0435			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-24337-A-13-B MSD	Analysis Batch:	460-69158	Instrument ID:	PESTGC8
Client Matrix:	Solid	Prep Batch:	460-68889	Lab File ID:	qr082598.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 1521			Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0435			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	112	111	60 - 144	1	30		
Aroclor 1260	111	111	63 - 143	0	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	105	103	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68889

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24337-A-13-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-24337-A-13-B MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/31/2011 1505			Analysis Date:	03/31/2011 1521
Prep Date:	03/30/2011 0435			Prep Date:	03/30/2011 0435
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	400	U	1970	1970	2220	2240
Aroclor 1260	400	U	1970	1970	2280	2270

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68889

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24337-A-13-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-24337-A-13-B MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/31/2011 1505			Analysis Date:	03/31/2011 1521
Prep Date:	03/30/2011 0435			Prep Date:	03/30/2011 0435
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	400	U	1970	1970	2210	2190
Aroclor 1260	400	U	1970	1970	2200	2200

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-69030

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-69030/1-A	Analysis Batch:	460-69334	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-69030	Lab File ID:	or171115.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/01/2011 1043	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/31/2011 0906			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	67	U	13	67
Aroclor 1221	67	U	20	67
Aroclor 1232	67	U	38	67
Aroclor 1242	67	U	13	67
Aroclor 1248	67	U	18	67
Aroclor 1254	67	U	23	67
Aroclor 1260	67	U	7.5	67
Aroclor 1262	67	U	12	67
Aroclor 1268	67	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	127	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	122	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-69030 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-69030/2-A	Analysis Batch:	460-69334	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-69030	Lab File ID:	of171116.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/01/2011 1100	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/31/2011 0906			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	409	123	60 - 144	
Aroclor 1260	333	393	118	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	126	30 - 150

Lab Control Sample - Batch: 460-69030 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-69030/2-A	Analysis Batch:	460-69334	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-69030	Lab File ID:	or171116.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/01/2011 1100	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/31/2011 0906			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	385	115	60 - 144	
Aroclor 1260	333	378	113	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	119	30 - 150

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69030

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24281-A-31-A MS	Analysis Batch:	460-69334	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-69030	Lab File ID:	or171117.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	04/01/2011 1117			Final Weight/Volume:	10 mL
Prep Date:	03/31/2011 0906			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-24281-A-31-B MSD	Analysis Batch:	460-69334	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-69030	Lab File ID:	of171118.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/01/2011 1133			Final Weight/Volume:	10 mL
Prep Date:	03/31/2011 0906			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	117	108	60 - 144	15	30		
Aroclor 1016	126	108	60 - 144	15	30		
Aroclor 1260	116	108	63 - 143	12	30		
Aroclor 1260	122	108	63 - 143	12	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	118	108	30 - 150
DCB Decachlorobiphenyl	124	108	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69030

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24281-A-31-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-24281-A-31-B MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	04/01/2011 1117			Analysis Date:	04/01/2011 1133
Prep Date:	03/31/2011 0906			Prep Date:	03/31/2011 0906
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	89	U	441	442	516	476
Aroclor 1016	89	U	441	442	554	476
Aroclor 1260	89	U	441	442	511	476
Aroclor 1260	89	U	441	442	539	476

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68964 **Method: NJ-OQA-QAM-025**
Preparation: 3546

Lab Sample ID:	MB 460-68964/1-A	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68964	Lab File ID:	gcr60043.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	04/02/2011 0634	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	73	48 - 112
Chlorobenzene	68	32 - 106

Lab Control Sample - Batch: 460-68964 **Method: NJ-OQA-QAM-025**
Preparation: 3546

Lab Sample ID:	LCS 460-68964/2-A	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68964	Lab File ID:	gcr60046.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 0724	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	72.1	54	58 - 112	*

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	77	48 - 112
Chlorobenzene	58	32 - 106

Lab Control Sample - Batch: 460-68964 **Method: NJ-OQA-QAM-025**
Preparation: 3546

Lab Sample ID:	LCS 460-68964/2-A	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68964	Lab File ID:	gcr60325.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 0914	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	91.3	68	58 - 112	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	84	48 - 112
Chlorobenzene	60	32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68964

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-24277-1	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68964	Lab File ID:	gcr60073.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 1351			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24277-1	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68964	Lab File ID:	gcr60074.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	04/02/2011 1406			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	53	54	58 - 112	1	40	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	97	95	48 - 112
Chlorobenzene	78	78	32 - 106

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68964

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-24277-1	Units:	mg/Kg	MSD Lab Sample ID:	460-24277-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	04/02/2011 1351			Analysis Date:	04/02/2011 1406
Prep Date:	03/30/2011 1000			Prep Date:	03/30/2011 1000
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Total Petroleum Hydrocarbons (C8-C40)	5.7	U	143	143	76.7	F	77.7	F

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-69044

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-69044/1-A	Analysis Batch:	460-69832	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-69044	Lab File ID:	gcr60529.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/07/2011 1133	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec		Acceptance Limits
o-Terphenyl	116	X	48 - 112
Chlorobenzene	99		32 - 106

Lab Control Sample - Batch: 460-69044

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-69044/2-A	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-69044	Lab File ID:	gcr60151.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/03/2011 0835	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	116	87	58 - 112	

Surrogate	% Rec		Acceptance Limits
o-Terphenyl	117	X	48 - 112
Chlorobenzene	101		32 - 106

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69044

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-24277-15	Analysis Batch:	460-69780	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-69044	Lab File ID:	gcr60437.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	04/06/2011 1322			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24277-15	Analysis Batch:	460-69780	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-69044	Lab File ID:	gcr60438.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/06/2011 1349			Final Weight/Volume:	1 mL
Prep Date:	03/31/2011 1021			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	90	75	58 - 112	17	40		

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
o-Terphenyl	145	X	122	X	48 - 112
Chlorobenzene	120	X	99		32 - 106

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69044

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-24277-15	Units:	mg/Kg	MSD Lab Sample ID:	460-24277-15
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	04/06/2011 1322			Analysis Date:	04/06/2011 1349
Prep Date:	03/31/2011 1021			Prep Date:	03/31/2011 1021
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Petroleum Hydrocarbons (C8-C40)	7.4	147	147	142	120

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68803 **Method: 9251**
Preparation: N/A

Lab Sample ID:	MB 460-68803/5	Analysis Batch:	460-68803	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL032911.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 0950	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-68803 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LB 460-68642/1-A	Analysis Batch:	460-68803	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032911.xls
Dilution:	1.0	Leach Batch:	460-68642	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 0950	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	03/28/2011 0956				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

Lab Control Sample - Batch: 460-68803 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LCS 460-68803/6	Analysis Batch:	460-68803	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL032911.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 0950	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Chloride	59.0	56.85	96	85 - 115	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68803

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24280-A-10-A MS	Analysis Batch:	460-68803	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032911.xls
Dilution:	1.0	Leach Batch:	460-68642	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 1013			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/28/2011 0956				

MSD Lab Sample ID:	460-24280-A-10-A MSD	Analysis Batch:	460-68803	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032911.xls
Dilution:	1.0	Leach Batch:	460-68642	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 1013			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/28/2011 0956				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Chloride	101	101	80 - 120	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68803

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24280-A-10-A MS	Units:	mg/Kg	MSD Lab Sample ID:	460-24280-A-10-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/29/2011 1013			Analysis Date:	03/29/2011 1013
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/28/2011 0956			Leach Date:	03/28/2011 0956

	Sample		MS Spike	MSD Spike	MS	MSD
Analyte	Result/Qual		Amount	Amount	Result/Qual	Result/Qual
Total Chloride	100	U	1000	1000	1010	1015

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-68820

Method: 9251
Preparation: N/A

Lab Sample ID:	MB 460-68820/5	Analysis Batch:	460-68820	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL032911A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 1124	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-68820

Method: 9251
Preparation: N/A

Lab Sample ID:	LB 460-68642/1-A	Analysis Batch:	460-68820	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032911A.xls
Dilution:	1.0	Leach Batch:	460-68642	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 1124	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	03/28/2011 0956				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

Lab Control Sample - Batch: 460-68820

Method: 9251
Preparation: N/A

Lab Sample ID:	LCS 460-68820/6	Analysis Batch:	460-68820	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL032911A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 1124	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Chloride	59.0	59.23	100	85 - 115	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68820

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24277-4	Analysis Batch:	460-68820	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032911A.xls
Dilution:	1.0	Leach Batch:	460-68642	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 1221			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/28/2011 0956				

MSD Lab Sample ID:	460-24277-4	Analysis Batch:	460-68820	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032911A.xls
Dilution:	1.0	Leach Batch:	460-68642	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 1221			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/28/2011 0956				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Chloride	101	101	80 - 120	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68820

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24277-4	Units:	mg/Kg	MSD Lab Sample ID:	460-24277-4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/29/2011 1221			Analysis Date:	03/29/2011 1221
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/28/2011 0956			Leach Date:	03/28/2011 0956

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Chloride	100	U	1000	1000	1008	1008

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-69070 **Method: 9251**
Preparation: N/A

Lab Sample ID:	MB 460-69070/7	Analysis Batch:	460-69070	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL033111.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/31/2011 1042	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-69070 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LB 460-68827/1-A	Analysis Batch:	460-69070	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL033111.xls
Dilution:	1.0	Leach Batch:	460-68827	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/31/2011 1042	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	03/29/2011 1402				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

Lab Control Sample - Batch: 460-69070 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LCS 460-69070/8	Analysis Batch:	460-69070	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL033111.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/31/2011 1042	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Chloride	59.0	57.62	98	85 - 115	

Client: Antea USA, Inc. Job Number: 460-24277-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69070

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24277-17	Analysis Batch:	460-69070	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL033111.xls
Dilution:	1.0	Leach Batch:	460-68827	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/31/2011 1114			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/29/2011 1402				

MSD Lab Sample ID:	460-24277-17	Analysis Batch:	460-69070	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL033111.xls
Dilution:	1.0	Leach Batch:	460-68827	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/31/2011 1114			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/29/2011 1402				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Chloride	100	101	80 - 120	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69070

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24277-17	Units:	mg/Kg	MSD Lab Sample ID:	460-24277-17
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/31/2011 1114			Analysis Date:	03/31/2011 1114
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/29/2011 1402			Leach Date:	03/29/2011 1402

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Chloride	38.4	J	1000	1000	1040	1046

Client: Antea USA, Inc. Job Number: 460-24277-1

Method Blank - Batch: 460-69086 **Method: 9251**
Preparation: N/A

Lab Sample ID:	MB 460-69086/5	Analysis Batch:	460-69086	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL033111A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/31/2011 1306	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-69086 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LB 460-68827/1-A	Analysis Batch:	460-69086	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL033111A.xls
Dilution:	1.0	Leach Batch:	460-68827	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/31/2011 1306	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	03/29/2011 1402				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-69086 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LB 460-68827/22-A	Analysis Batch:	460-69086	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL033111A.xls
Dilution:	1.0	Leach Batch:	460-68827	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/31/2011 1306	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	03/29/2011 1402				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Control Sample - Batch: 460-69086 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LCS 460-69086/6	Analysis Batch:	460-69086	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL033111A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/31/2011 1306	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Chloride	59.0	62.70	106	85 - 115	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69086 **Method: 9251**
Preparation: N/A

MS Lab Sample ID:	460-24277-30	Analysis Batch:	460-69086	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL033111A.xls
Dilution:	1.0	Leach Batch:	460-68827	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/31/2011 1326			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/29/2011 1402				

MSD Lab Sample ID:	460-24277-30	Analysis Batch:	460-69086	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL033111A.xls
Dilution:	1.0	Leach Batch:	460-68827	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/31/2011 1326			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/29/2011 1402				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Chloride	103	103	80 - 120	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-69086 **Method: 9251**
Preparation: N/A

MS Lab Sample ID:	460-24277-30	Units:	mg/Kg	MSD Lab Sample ID:	460-24277-30
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/31/2011 1326			Analysis Date:	03/31/2011 1326
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/29/2011 1402			Leach Date:	03/29/2011 1402

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Chloride	100	U	1000	1000	1030	1030

Client: Antea USA, Inc. Job Number: 460-24277-1

Duplicate - Batch: 460-68119

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-24277-17	Analysis Batch:	460-68119	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	03/22/2011 1129	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	14.9	15.4	3	20	
Percent Solids	85.1	84.6	0.6	20	

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	H	Sample was prepped or analyzed beyond the specified holding time
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	A	The tentatively identified compound is a suspected aldol-condensation product.
	N	This flag indicates the presumptive evidence of a compound.

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-24277-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-67851					
460-24265-D-6-A MS	Matrix Spike	T	Solid	5035	
460-24265-D-6-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Prep Batch: 460-67874					
460-24232-C-2-A MS	Matrix Spike	T	Solid	5035	
460-24232-C-2-A MSD	Matrix Spike Duplicate	T	Solid	5035	
460-24279-D-2-A MS	Matrix Spike	T	Solid	5035	
460-24279-D-2-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Prep Batch: 460-67903					
460-24277-1	PMP-9-VD-E (3.5-4.0)	T	Solid	5035	
460-24277-2	PMP-9-WT-E (8-8.5)	T	Solid	5035	
460-24277-4	DUP-031711 (3.5-4)	T	Solid	5035	
460-24277-5	DUP-031711 (8-8.5)	T	Solid	5035	
460-24277-6	DUP-031711 (10.5-11)	T	Solid	5035	
460-24277-8	PMP-10-WT-E (7.5-8.0)	T	Solid	5035	
460-24277-12	PMP-13-WT-E (7.5-8.0)	T	Solid	5035	
460-24277-14	PMP-13-SD-E (23.5-24)	T	Solid	5035	
460-24277-16	PMP-16-WT-E (8.0-8.5)	T	Solid	5035	
460-24277-17	PMP-16-SI-E (10.5-11.0)	T	Solid	5035	
460-24277-19	PMP-15-WT-E (7.5-8)	T	Solid	5035	
460-24277-23	PMP-28-WT-E (8-8.5)	T	Solid	5035	
460-24277-24	PMP-28-SI1-E (11-13)	T	Solid	5035	
460-24277-26	PMP-17-VD-E (3.5-4)	T	Solid	5035	
460-24277-27	PMP-17-WT-E (8-8.5)	T	Solid	5035	
460-24277-31	PMP-18-SI-E (10.5-11)	T	Solid	5035	
460-24277-31MS	Matrix Spike	T	Solid	5035	
460-24277-31MSD	Matrix Spike Duplicate	T	Solid	5035	
Prep Batch: 460-67904					
460-24277-3	PMP-9-SIE (10.5-11)	T	Solid	5035	
460-24277-7	PMP-10-VD-E (3.5-4.0)	T	Solid	5035	
460-24277-9	PMP-10-ST1-E (15-15.5)	T	Solid	5035	
460-24277-10	PMP-10-ST2-E (23.5-24)	T	Solid	5035	
460-24277-11	PMP-13-VD-E (3.5-4)	T	Solid	5035	
460-24277-13	PMP-13-SI-E (15.5-16)	T	Solid	5035	
460-24277-15	PMP-16-VD-E (3.5-4.0)	T	Solid	5035	
460-24277-18	PMP-15VD-E (3.5-4)	T	Solid	5035	
460-24277-20	PMP-15-SI-E (15.5-16)	T	Solid	5035	
460-24277-21	PMP-15-SD-E (23.5-24.0)	T	Solid	5035	
460-24277-22	PMP-28-VD-E (3-5)	T	Solid	5035	
460-24277-25	PMP-28-SI2-E (15-17)	T	Solid	5035	
460-24277-28	PMP-17-SI-E (10.5-11.0)	T	Solid	5035	
460-24277-29	PMP-18-VD-E (3.5-4)	T	Solid	5035	
460-24277-30	PMP-18-WT-E (8-8.5)	T	Solid	5035	

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-67907					
460-24288-A-1-A MS	Matrix Spike	T	Solid	5035	
460-24288-A-1-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Analysis Batch:460-68208					
LCS 460-68208/3	Lab Control Sample	T	Solid	8260B	
MB 460-68208/4	Method Blank	T	Solid	8260B	
460-24232-C-2-A MS	Matrix Spike	T	Solid	8260B	460-67874
460-24232-C-2-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-67874
460-24277-1	PMP-9-VD-E (3.5-4.0)	T	Solid	8260B	460-67903
460-24277-2	PMP-9-WT-E (8-8.5)	T	Solid	8260B	460-67903
Analysis Batch:460-68358					
LCS 460-68358/3	Lab Control Sample	T	Solid	8260B	
MB 460-68358/4	Method Blank	T	Solid	8260B	
460-24277-4	DUP-031711 (3.5-4)	T	Solid	8260B	460-67903
460-24277-5	DUP-031711 (8-8.5)	T	Solid	8260B	460-67903
460-24277-6	DUP-031711 (10.5-11)	T	Solid	8260B	460-67903
460-24277-8	PMP-10-WT-E (7.5-8.0)	T	Solid	8260B	460-67903
460-24277-12	PMP-13-WT-E (7.5-8.0)	T	Solid	8260B	460-67903
460-24277-16	PMP-16-WT-E (8.0-8.5)	T	Solid	8260B	460-67903
460-24277-17	PMP-16-SI-E (10.5-11.0)	T	Solid	8260B	460-67903
460-24277-19	PMP-15-WT-E (7.5-8)	T	Solid	8260B	460-67903
460-24277-23	PMP-28-WT-E (8-8.5)	T	Solid	8260B	460-67903
460-24288-A-1-A MS	Matrix Spike	T	Solid	8260B	460-67907
460-24288-A-1-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-67907
Analysis Batch:460-68512					
LCS 460-68512/3	Lab Control Sample	T	Solid	8260B	
MB 460-68512/4	Method Blank	T	Solid	8260B	
460-24277-24	PMP-28-SI1-E (11-13)	T	Solid	8260B	460-67903
460-24277-26	PMP-17-VD-E (3.5-4)	T	Solid	8260B	460-67903
460-24277-31	PMP-18-SI-E (10.5-11)	T	Solid	8260B	460-67903
460-24277-31MS	Matrix Spike	T	Solid	8260B	460-67903
460-24277-31MSD	Matrix Spike Duplicate	T	Solid	8260B	460-67903
Analysis Batch:460-68548					
LCS 460-68548/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-68548/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-68548/5	Method Blank	T	Solid	8260B	
460-24277-3	PMP-9-SIE (10.5-11)	T	Solid	8260B	460-67904
460-24277-11	PMP-13-VD-E (3.5-4)	T	Solid	8260B	460-67904
460-24277-13	PMP-13-SI-E (15.5-16)	T	Solid	8260B	460-67904

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-68639					
LCS 460-68639/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-68639/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-68639/5	Method Blank	T	Solid	8260B	
460-24277-18	PMP-15VD-E (3.5-4)	T	Solid	8260B	460-67904
460-24277-20	PMP-15-SI-E (15.5-16)	T	Solid	8260B	460-67904
460-24277-21	PMP-15-SD-E (23.5-24.0)	T	Solid	8260B	460-67904
460-24277-22	PMP-28-VD-E (3-5)	T	Solid	8260B	460-67904
Analysis Batch:460-68728					
LCS 460-68728/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-68728/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-68728/5	Method Blank	T	Solid	8260B	
460-24277-15	PMP-16-VD-E (3.5-4.0)	T	Solid	8260B	460-67904
Analysis Batch:460-68801					
LCS 460-68801/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-68801/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-68801/5	Method Blank	T	Solid	8260B	
460-24277-7	PMP-10-VD-E (3.5-4.0)	T	Solid	8260B	460-67904
460-24277-9	PMP-10-ST1-E (15-15.5)	T	Solid	8260B	460-67904
460-24277-10	PMP-10-ST2-E (23.5-24)	T	Solid	8260B	460-67904
460-24277-25	PMP-28-SI2-E (15-17)	T	Solid	8260B	460-67904
460-24277-28	PMP-17-SI-E (10.5-11.0)	T	Solid	8260B	460-67904
460-24277-29	PMP-18-VD-E (3.5-4)	T	Solid	8260B	460-67904
460-24277-30	PMP-18-WT-E (8-8.5)	T	Solid	8260B	460-67904
Analysis Batch:460-68934					
LCS 460-68934/3	Lab Control Sample	T	Solid	8260B	
MB 460-68934/4	Method Blank	T	Solid	8260B	
460-24265-D-6-A MS	Matrix Spike	T	Solid	8260B	460-67851
460-24265-D-6-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-67851
460-24277-14	PMP-13-SD-E (23.5-24)	T	Solid	8260B	460-67903
Analysis Batch:460-69045					
LCS 460-69045/3	Lab Control Sample	T	Solid	8260B	
MB 460-69045/4	Method Blank	T	Solid	8260B	
460-24277-27	PMP-17-WT-E (8-8.5)	T	Solid	8260B	460-67903
460-24279-D-2-A MS	Matrix Spike	T	Solid	8260B	460-67874
460-24279-D-2-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-67874

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-68798					
LCS 460-68798/2-A	Lab Control Sample	T	Solid	3541	
MB 460-68798/1-A	Method Blank	T	Solid	3541	
460-24277-7	PMP-10-VD-E (3.5-4.0)	T	Solid	3541	
460-24277-7MS	Matrix Spike	T	Solid	3541	
460-24277-7MSD	Matrix Spike Duplicate	T	Solid	3541	
460-24277-8	PMP-10-WT-E (7.5-8.0)	T	Solid	3541	
460-24277-9	PMP-10-ST1-E (15-15.5)	T	Solid	3541	
460-24277-10	PMP-10-ST2-E (23.5-24)	T	Solid	3541	
460-24277-11	PMP-13-VD-E (3.5-4)	T	Solid	3541	
Prep Batch: 460-68871					
LCS 460-68871/2-A	Lab Control Sample	T	Solid	3541	
MB 460-68871/1-A	Method Blank	T	Solid	3541	
460-24277-12	PMP-13-WT-E (7.5-8.0)	T	Solid	3541	
460-24277-12MS	Matrix Spike	T	Solid	3541	
460-24277-12MSD	Matrix Spike Duplicate	T	Solid	3541	
460-24277-13	PMP-13-SI-E (15.5-16)	T	Solid	3541	
460-24277-14	PMP-13-SD-E (23.5-24)	T	Solid	3541	
460-24277-15	PMP-16-VD-E (3.5-4.0)	T	Solid	3541	
460-24277-16	PMP-16-WT-E (8.0-8.5)	T	Solid	3541	
460-24277-17	PMP-16-SI-E (10.5-11.0)	T	Solid	3541	
460-24277-18	PMP-15VD-E (3.5-4)	T	Solid	3541	
460-24277-19	PMP-15-WT-E (7.5-8)	T	Solid	3541	
460-24277-20	PMP-15-SI-E (15.5-16)	T	Solid	3541	
460-24277-21	PMP-15-SD-E (23.5-24.0)	T	Solid	3541	
460-24277-22	PMP-28-VD-E (3-5)	T	Solid	3541	
460-24277-23	PMP-28-WT-E (8-8.5)	T	Solid	3541	
460-24277-24	PMP-28-SI1-E (11-13)	T	Solid	3541	
460-24277-25	PMP-28-SI2-E (15-17)	T	Solid	3541	
460-24277-26	PMP-17-VD-E (3.5-4)	T	Solid	3541	
460-24277-27	PMP-17-WT-E (8-8.5)	T	Solid	3541	
460-24277-28	PMP-17-SI-E (10.5-11.0)	T	Solid	3541	
460-24277-29	PMP-18-VD-E (3.5-4)	T	Solid	3541	
460-24277-30	PMP-18-WT-E (8-8.5)	T	Solid	3541	
Analysis Batch:460-68940					
LCS 460-68798/2-A	Lab Control Sample	T	Solid	8270C	460-68798
MB 460-68798/1-A	Method Blank	T	Solid	8270C	460-68798
460-24277-7	PMP-10-VD-E (3.5-4.0)	T	Solid	8270C	460-68798
460-24277-7MS	Matrix Spike	T	Solid	8270C	460-68798
460-24277-7MSD	Matrix Spike Duplicate	T	Solid	8270C	460-68798
460-24277-8	PMP-10-WT-E (7.5-8.0)	T	Solid	8270C	460-68798
460-24277-9	PMP-10-ST1-E (15-15.5)	T	Solid	8270C	460-68798
460-24277-10	PMP-10-ST2-E (23.5-24)	T	Solid	8270C	460-68798
460-24277-11	PMP-13-VD-E (3.5-4)	T	Solid	8270C	460-68798

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-69007					
LCS 460-69007/2-A	Lab Control Sample	T	Solid	3541	
MB 460-69007/1-A	Method Blank	T	Solid	3541	
460-24277-1	PMP-9-VD-E (3.5-4.0)	T	Solid	3541	
460-24277-2	PMP-9-WT-E (8-8.5)	T	Solid	3541	
460-24277-3	PMP-9-SIE (10.5-11)	T	Solid	3541	
460-24277-4	DUP-031711 (3.5-4)	T	Solid	3541	
460-24277-5	DUP-031711 (8-8.5)	T	Solid	3541	
460-24277-6	DUP-031711 (10.5-11)	T	Solid	3541	
460-24277-31	PMP-18-SI-E (10.5-11)	T	Solid	3541	
460-24279-F-1-B MS	Matrix Spike	T	Solid	3541	
460-24279-F-1-C MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-69101					
LCS 460-69007/2-A	Lab Control Sample	T	Solid	8270C	460-69007
MB 460-69007/1-A	Method Blank	T	Solid	8270C	460-69007
460-24277-1	PMP-9-VD-E (3.5-4.0)	T	Solid	8270C	460-69007
460-24279-F-1-B MS	Matrix Spike	T	Solid	8270C	460-69007
460-24279-F-1-C MSD	Matrix Spike Duplicate	T	Solid	8270C	460-69007
Analysis Batch:460-69222					
LCS 460-68871/2-A	Lab Control Sample	T	Solid	8270C	460-68871
MB 460-68871/1-A	Method Blank	T	Solid	8270C	460-68871
460-24277-12	PMP-13-WT-E (7.5-8.0)	T	Solid	8270C	460-68871
460-24277-12MS	Matrix Spike	T	Solid	8270C	460-68871
460-24277-12MSD	Matrix Spike Duplicate	T	Solid	8270C	460-68871
460-24277-13	PMP-13-SI-E (15.5-16)	T	Solid	8270C	460-68871
460-24277-14	PMP-13-SD-E (23.5-24)	T	Solid	8270C	460-68871
460-24277-15	PMP-16-VD-E (3.5-4.0)	T	Solid	8270C	460-68871
460-24277-16	PMP-16-WT-E (8.0-8.5)	T	Solid	8270C	460-68871
460-24277-17	PMP-16-SI-E (10.5-11.0)	T	Solid	8270C	460-68871
460-24277-18	PMP-15VD-E (3.5-4)	T	Solid	8270C	460-68871
460-24277-19	PMP-15-WT-E (7.5-8)	T	Solid	8270C	460-68871
460-24277-20	PMP-15-SI-E (15.5-16)	T	Solid	8270C	460-68871
460-24277-21	PMP-15-SD-E (23.5-24.0)	T	Solid	8270C	460-68871
460-24277-22	PMP-28-VD-E (3-5)	T	Solid	8270C	460-68871
460-24277-23	PMP-28-WT-E (8-8.5)	T	Solid	8270C	460-68871
460-24277-24	PMP-28-SI1-E (11-13)	T	Solid	8270C	460-68871
460-24277-25	PMP-28-SI2-E (15-17)	T	Solid	8270C	460-68871
460-24277-26	PMP-17-VD-E (3.5-4)	T	Solid	8270C	460-68871
460-24277-27	PMP-17-WT-E (8-8.5)	T	Solid	8270C	460-68871
460-24277-28	PMP-17-SI-E (10.5-11.0)	T	Solid	8270C	460-68871
460-24277-29	PMP-18-VD-E (3.5-4)	T	Solid	8270C	460-68871
460-24277-30	PMP-18-WT-E (8-8.5)	T	Solid	8270C	460-68871

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-69325					
460-24277-3	PMP-9-SIE (10.5-11)	T	Solid	8270C	460-69007
460-24277-4	DUP-031711 (3.5-4)	T	Solid	8270C	460-69007
460-24277-6	DUP-031711 (10.5-11)	T	Solid	8270C	460-69007
460-24277-31	PMP-18-SI-E (10.5-11)	T	Solid	8270C	460-69007
Analysis Batch:460-69541					
460-24277-2	PMP-9-WT-E (8-8.5)	T	Solid	8270C	460-69007
460-24277-5	DUP-031711 (8-8.5)	T	Solid	8270C	460-69007

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-68886					
LCS 460-68886/2-A	Lab Control Sample	T	Solid	3541	
MB 460-68886/1-A	Method Blank	T	Solid	3541	
460-24277-1	PMP-9-VD-E (3.5-4.0)	T	Solid	3541	
460-24277-1MS	Matrix Spike	T	Solid	3541	
460-24277-1MSD	Matrix Spike Duplicate	T	Solid	3541	
460-24277-2	PMP-9-WT-E (8-8.5)	T	Solid	3541	
460-24277-3	PMP-9-SIE (10.5-11)	T	Solid	3541	
460-24277-4	DUP-031711 (3.5-4)	T	Solid	3541	
460-24277-5	DUP-031711 (8-8.5)	T	Solid	3541	
460-24277-6	DUP-031711 (10.5-11)	T	Solid	3541	
460-24277-7	PMP-10-VD-E (3.5-4.0)	T	Solid	3541	
460-24277-8	PMP-10-WT-E (7.5-8.0)	T	Solid	3541	
460-24277-9	PMP-10-ST1-E (15-15.5)	T	Solid	3541	
460-24277-10	PMP-10-ST2-E (23.5-24)	T	Solid	3541	
460-24277-11	PMP-13-VD-E (3.5-4)	T	Solid	3541	
460-24277-12	PMP-13-WT-E (7.5-8.0)	T	Solid	3541	
460-24277-13	PMP-13-SI-E (15.5-16)	T	Solid	3541	
460-24277-14	PMP-13-SD-E (23.5-24)	T	Solid	3541	
460-24277-15	PMP-16-VD-E (3.5-4.0)	T	Solid	3541	
460-24277-16	PMP-16-WT-E (8.0-8.5)	T	Solid	3541	
460-24277-17	PMP-16-SI-E (10.5-11.0)	T	Solid	3541	
460-24277-18	PMP-15VD-E (3.5-4)	T	Solid	3541	
460-24277-19	PMP-15-WT-E (7.5-8)	T	Solid	3541	
460-24277-20	PMP-15-SI-E (15.5-16)	T	Solid	3541	
Prep Batch: 460-68889					
LCS 460-68889/2-A	Lab Control Sample	T	Solid	3541	
MB 460-68889/1-A	Method Blank	T	Solid	3541	
460-24277-21	PMP-15-SD-E (23.5-24.0)	T	Solid	3541	
460-24277-22	PMP-28-VD-E (3-5)	T	Solid	3541	
460-24277-23	PMP-28-WT-E (8-8.5)	T	Solid	3541	
460-24277-24	PMP-28-SI1-E (11-13)	T	Solid	3541	
460-24277-25	PMP-28-SI2-E (15-17)	T	Solid	3541	
460-24277-26	PMP-17-VD-E (3.5-4)	T	Solid	3541	
460-24277-27	PMP-17-WT-E (8-8.5)	T	Solid	3541	
460-24277-28	PMP-17-SI-E (10.5-11.0)	T	Solid	3541	
460-24337-A-13-A MS	Matrix Spike	T	Solid	3541	
460-24337-A-13-B MSD	Matrix Spike Duplicate	T	Solid	3541	

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-68964					
LCS 460-68964/2-A	Lab Control Sample	T	Solid	3546	
MB 460-68964/1-A	Method Blank	T	Solid	3546	
460-24277-1	PMP-9-VD-E (3.5-4.0)	T	Solid	3546	
460-24277-1MS	Matrix Spike	T	Solid	3546	
460-24277-1MSD	Matrix Spike Duplicate	T	Solid	3546	
460-24277-2	PMP-9-WT-E (8-8.5)	T	Solid	3546	
460-24277-3	PMP-9-SIE (10.5-11)	T	Solid	3546	
460-24277-4	DUP-031711 (3.5-4)	T	Solid	3546	
460-24277-5	DUP-031711 (8-8.5)	T	Solid	3546	
460-24277-6	DUP-031711 (10.5-11)	T	Solid	3546	
460-24277-7	PMP-10-VD-E (3.5-4.0)	T	Solid	3546	
460-24277-8	PMP-10-WT-E (7.5-8.0)	T	Solid	3546	
460-24277-9	PMP-10-ST1-E (15-15.5)	T	Solid	3546	
460-24277-10	PMP-10-ST2-E (23.5-24)	T	Solid	3546	
460-24277-11	PMP-13-VD-E (3.5-4)	T	Solid	3546	
460-24277-12	PMP-13-WT-E (7.5-8.0)	T	Solid	3546	
460-24277-13	PMP-13-SI-E (15.5-16)	T	Solid	3546	
460-24277-14	PMP-13-SD-E (23.5-24)	T	Solid	3546	
Prep Batch: 460-69030					
LCS 460-69030/2-A	Lab Control Sample	T	Solid	3541	
MB 460-69030/1-A	Method Blank	T	Solid	3541	
460-24277-29	PMP-18-VD-E (3.5-4)	T	Solid	3541	
460-24277-30	PMP-18-WT-E (8-8.5)	T	Solid	3541	
460-24277-31	PMP-18-SI-E (10.5-11)	T	Solid	3541	
460-24281-A-31-A MS	Matrix Spike	T	Solid	3541	
460-24281-A-31-B MSD	Matrix Spike Duplicate	T	Solid	3541	

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-69044					
LCS 460-69044/2-A	Lab Control Sample	T	Solid	3546	
MB 460-69044/1-A	Method Blank	T	Solid	3546	
460-24277-15	PMP-16-VD-E (3.5-4.0)	T	Solid	3546	
460-24277-15MS	Matrix Spike	T	Solid	3546	
460-24277-15MSD	Matrix Spike Duplicate	T	Solid	3546	
460-24277-16	PMP-16-WT-E (8.0-8.5)	T	Solid	3546	
460-24277-17	PMP-16-SI-E (10.5-11.0)	T	Solid	3546	
460-24277-18	PMP-15VD-E (3.5-4)	T	Solid	3546	
460-24277-19	PMP-15-WT-E (7.5-8)	T	Solid	3546	
460-24277-20	PMP-15-SI-E (15.5-16)	T	Solid	3546	
460-24277-21	PMP-15-SD-E (23.5-24.0)	T	Solid	3546	
460-24277-22	PMP-28-VD-E (3-5)	T	Solid	3546	
460-24277-23	PMP-28-WT-E (8-8.5)	T	Solid	3546	
460-24277-24	PMP-28-SI1-E (11-13)	T	Solid	3546	
460-24277-25	PMP-28-SI2-E (15-17)	T	Solid	3546	
460-24277-26	PMP-17-VD-E (3.5-4)	T	Solid	3546	
460-24277-27	PMP-17-WT-E (8-8.5)	T	Solid	3546	
460-24277-28	PMP-17-SI-E (10.5-11.0)	T	Solid	3546	
460-24277-29	PMP-18-VD-E (3.5-4)	T	Solid	3546	
460-24277-30	PMP-18-WT-E (8-8.5)	T	Solid	3546	
460-24277-31	PMP-18-SI-E (10.5-11)	T	Solid	3546	
Analysis Batch:460-69122					
LCS 460-68886/2-A	Lab Control Sample	T	Solid	8082	460-68886
MB 460-68886/1-A	Method Blank	T	Solid	8082	460-68886
460-24277-1	PMP-9-VD-E (3.5-4.0)	T	Solid	8082	460-68886
460-24277-1MS	Matrix Spike	T	Solid	8082	460-68886
460-24277-1MSD	Matrix Spike Duplicate	T	Solid	8082	460-68886
Analysis Batch:460-69158					
LCS 460-68889/2-A	Lab Control Sample	T	Solid	8082	460-68889
MB 460-68889/1-A	Method Blank	T	Solid	8082	460-68889
460-24277-21	PMP-15-SD-E (23.5-24.0)	T	Solid	8082	460-68889
460-24277-25	PMP-28-SI2-E (15-17)	T	Solid	8082	460-68889
460-24277-26	PMP-17-VD-E (3.5-4)	T	Solid	8082	460-68889
460-24337-A-13-A MS	Matrix Spike	T	Solid	8082	460-68889
460-24337-A-13-B MSD	Matrix Spike Duplicate	T	Solid	8082	460-68889
Analysis Batch:460-69159					
460-24277-22	PMP-28-VD-E (3-5)	T	Solid	8082	460-68889
460-24277-23	PMP-28-WT-E (8-8.5)	T	Solid	8082	460-68889
460-24277-24	PMP-28-SI1-E (11-13)	T	Solid	8082	460-68889
460-24277-27	PMP-17-WT-E (8-8.5)	T	Solid	8082	460-68889
460-24277-28	PMP-17-SI-E (10.5-11.0)	T	Solid	8082	460-68889

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-69160					
460-24277-3	PMP-9-SIE (10.5-11)	T	Solid	8082	460-68886
460-24277-4	DUP-031711 (3.5-4)	T	Solid	8082	460-68886
460-24277-7	PMP-10-VD-E (3.5-4.0)	T	Solid	8082	460-68886
460-24277-10	PMP-10-ST2-E (23.5-24)	T	Solid	8082	460-68886
460-24277-11	PMP-13-VD-E (3.5-4)	T	Solid	8082	460-68886
460-24277-13	PMP-13-SI-E (15.5-16)	T	Solid	8082	460-68886
460-24277-14	PMP-13-SD-E (23.5-24)	T	Solid	8082	460-68886
460-24277-15	PMP-16-VD-E (3.5-4.0)	T	Solid	8082	460-68886
460-24277-18	PMP-15VD-E (3.5-4)	T	Solid	8082	460-68886
Analysis Batch:460-69162					
460-24277-2	PMP-9-WT-E (8-8.5)	T	Solid	8082	460-68886
460-24277-5	DUP-031711 (8-8.5)	T	Solid	8082	460-68886
460-24277-6	DUP-031711 (10.5-11)	T	Solid	8082	460-68886
460-24277-8	PMP-10-WT-E (7.5-8.0)	T	Solid	8082	460-68886
460-24277-9	PMP-10-ST1-E (15-15.5)	T	Solid	8082	460-68886
460-24277-12	PMP-13-WT-E (7.5-8.0)	T	Solid	8082	460-68886
460-24277-16	PMP-16-WT-E (8.0-8.5)	T	Solid	8082	460-68886
460-24277-17	PMP-16-SI-E (10.5-11.0)	T	Solid	8082	460-68886
460-24277-19	PMP-15-WT-E (7.5-8)	T	Solid	8082	460-68886
460-24277-20	PMP-15-SI-E (15.5-16)	T	Solid	8082	460-68886
Analysis Batch:460-69307					
460-24277-29	PMP-18-VD-E (3.5-4)	T	Solid	8082	460-69030
460-24277-30	PMP-18-WT-E (8-8.5)	T	Solid	8082	460-69030
Analysis Batch:460-69331					
460-24277-31	PMP-18-SI-E (10.5-11)	T	Solid	8082	460-69030
Analysis Batch:460-69334					
LCS 460-69030/2-A	Lab Control Sample	T	Solid	8082	460-69030
MB 460-69030/1-A	Method Blank	T	Solid	8082	460-69030
460-24281-A-31-A MS	Matrix Spike	T	Solid	8082	460-69030
460-24281-A-31-B MSD	Matrix Spike Duplicate	T	Solid	8082	460-69030

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-69393					
LCS 460-68964/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-68964
MB 460-68964/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-68964
LCS 460-69044/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-1	PMP-9-VD-E (3.5-4.0)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-1MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-1MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-3	PMP-9-SIE (10.5-11)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-7	PMP-10-VD-E (3.5-4.0)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-10	PMP-10-ST2-E (23.5-24)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-11	PMP-13-VD-E (3.5-4)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-13	PMP-13-SI-E (15.5-16)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-14	PMP-13-SD-E (23.5-24)	T	Solid	NJ-OQA-QAM-02	460-68964
Analysis Batch:460-69502					
LCS 460-68964/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-2	PMP-9-WT-E (8-8.5)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-4	DUP-031711 (3.5-4)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-5	DUP-031711 (8-8.5)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-6	DUP-031711 (10.5-11)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-8	PMP-10-WT-E (7.5-8.0)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-9	PMP-10-ST1-E (15-15.5)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-12	PMP-13-WT-E (7.5-8.0)	T	Solid	NJ-OQA-QAM-02	460-68964
460-24277-16	PMP-16-WT-E (8.0-8.5)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-17	PMP-16-SI-E (10.5-11.0)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-19	PMP-15-WT-E (7.5-8)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-22	PMP-28-VD-E (3-5)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-23	PMP-28-WT-E (8-8.5)	T	Solid	NJ-OQA-QAM-02	460-69044
Analysis Batch:460-69780					
460-24277-15MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-15MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-24	PMP-28-SI1-E (11-13)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-27	PMP-17-WT-E (8-8.5)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-28	PMP-17-SI-E (10.5-11.0)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-30	PMP-18-WT-E (8-8.5)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-31	PMP-18-SI-E (10.5-11)	T	Solid	NJ-OQA-QAM-02	460-69044

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-69832					
MB 460-69044/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-15	PMP-16-VD-E (3.5-4.0)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-18	PMP-15VD-E (3.5-4)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-20	PMP-15-SI-E (15.5-16)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-21	PMP-15-SD-E (23.5-24.0)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-25	PMP-28-SI2-E (15-17)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-26	PMP-17-VD-E (3.5-4)	T	Solid	NJ-OQA-QAM-02	460-69044
460-24277-29	PMP-18-VD-E (3.5-4)	T	Solid	NJ-OQA-QAM-02	460-69044

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-68119					
460-24277-1	PMP-9-VD-E (3.5-4.0)	T	Solid	Moisture	
460-24277-2	PMP-9-WT-E (8-8.5)	T	Solid	Moisture	
460-24277-3	PMP-9-SIE (10.5-11)	T	Solid	Moisture	
460-24277-4	DUP-031711 (3.5-4)	T	Solid	Moisture	
460-24277-5	DUP-031711 (8-8.5)	T	Solid	Moisture	
460-24277-6	DUP-031711 (10.5-11)	T	Solid	Moisture	
460-24277-7	PMP-10-VD-E (3.5-4.0)	T	Solid	Moisture	
460-24277-8	PMP-10-WT-E (7.5-8.0)	T	Solid	Moisture	
460-24277-9	PMP-10-ST1-E (15-15.5)	T	Solid	Moisture	
460-24277-10	PMP-10-ST2-E (23.5-24)	T	Solid	Moisture	
460-24277-11	PMP-13-VD-E (3.5-4)	T	Solid	Moisture	
460-24277-12	PMP-13-WT-E (7.5-8.0)	T	Solid	Moisture	
460-24277-13	PMP-13-SI-E (15.5-16)	T	Solid	Moisture	
460-24277-14	PMP-13-SD-E (23.5-24)	T	Solid	Moisture	
460-24277-15	PMP-16-VD-E (3.5-4.0)	T	Solid	Moisture	
460-24277-16	PMP-16-WT-E (8.0-8.5)	T	Solid	Moisture	
460-24277-17	PMP-16-SI-E (10.5-11.0)	T	Solid	Moisture	
460-24277-17DU	Duplicate	T	Solid	Moisture	
460-24277-18	PMP-15VD-E (3.5-4)	T	Solid	Moisture	
460-24277-19	PMP-15-WT-E (7.5-8)	T	Solid	Moisture	
460-24277-20	PMP-15-SI-E (15.5-16)	T	Solid	Moisture	
460-24277-21	PMP-15-SD-E (23.5-24.0)	T	Solid	Moisture	
460-24277-22	PMP-28-VD-E (3-5)	T	Solid	Moisture	
460-24277-23	PMP-28-WT-E (8-8.5)	T	Solid	Moisture	
460-24277-24	PMP-28-SI1-E (11-13)	T	Solid	Moisture	
460-24277-25	PMP-28-SI2-E (15-17)	T	Solid	Moisture	
460-24277-26	PMP-17-VD-E (3.5-4)	T	Solid	Moisture	
460-24277-27	PMP-17-WT-E (8-8.5)	T	Solid	Moisture	
460-24277-28	PMP-17-SI-E (10.5-11.0)	T	Solid	Moisture	
460-24277-29	PMP-18-VD-E (3.5-4)	T	Solid	Moisture	
460-24277-30	PMP-18-WT-E (8-8.5)	T	Solid	Moisture	
460-24277-31	PMP-18-SI-E (10.5-11)	T	Solid	Moisture	

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-68642					
LB 460-68642/1-A	TCLP SPLPE Leachate Blank	T	Solid	D3987-85	
460-24277-1	PMP-9-VD-E (3.5-4.0)	T	Solid	D3987-85	
460-24277-2	PMP-9-WT-E (8-8.5)	T	Solid	D3987-85	
460-24277-3	PMP-9-SIE (10.5-11)	T	Solid	D3987-85	
460-24277-4	DUP-031711 (3.5-4)	T	Solid	D3987-85	
460-24277-4MS	Matrix Spike	T	Solid	D3987-85	
460-24277-4MSD	Matrix Spike Duplicate	T	Solid	D3987-85	
460-24277-5	DUP-031711 (8-8.5)	T	Solid	D3987-85	
460-24277-6	DUP-031711 (10.5-11)	T	Solid	D3987-85	
460-24277-7	PMP-10-VD-E (3.5-4.0)	T	Solid	D3987-85	
460-24277-8	PMP-10-WT-E (7.5-8.0)	T	Solid	D3987-85	
460-24277-9	PMP-10-ST1-E (15-15.5)	T	Solid	D3987-85	
460-24277-10	PMP-10-ST2-E (23.5-24)	T	Solid	D3987-85	
460-24280-A-10-A MS	Matrix Spike	T	Solid	D3987-85	
460-24280-A-10-A MSD	Matrix Spike Duplicate	T	Solid	D3987-85	
Analysis Batch:460-68803					
LB 460-68642/1-A	TCLP SPLPE Leachate Blank	T	Solid	9251	
LCS 460-68803/6	Lab Control Sample	T	Water	9251	
MB 460-68803/5	Method Blank	T	Water	9251	
460-24277-1	PMP-9-VD-E (3.5-4.0)	T	Solid	9251	
460-24277-2	PMP-9-WT-E (8-8.5)	T	Solid	9251	
460-24277-3	PMP-9-SIE (10.5-11)	T	Solid	9251	
460-24277-5	DUP-031711 (8-8.5)	T	Solid	9251	
460-24277-6	DUP-031711 (10.5-11)	T	Solid	9251	
460-24277-7	PMP-10-VD-E (3.5-4.0)	T	Solid	9251	
460-24277-8	PMP-10-WT-E (7.5-8.0)	T	Solid	9251	
460-24277-9	PMP-10-ST1-E (15-15.5)	T	Solid	9251	
460-24277-10	PMP-10-ST2-E (23.5-24)	T	Solid	9251	
460-24280-A-10-A MS	Matrix Spike	T	Solid	9251	
460-24280-A-10-A MSD	Matrix Spike Duplicate	T	Solid	9251	
Analysis Batch:460-68820					
LB 460-68642/1-A	TCLP SPLPE Leachate Blank	T	Solid	9251	
LCS 460-68820/6	Lab Control Sample	T	Water	9251	
MB 460-68820/5	Method Blank	T	Water	9251	
460-24277-4	DUP-031711 (3.5-4)	T	Solid	9251	
460-24277-4MS	Matrix Spike	T	Solid	9251	
460-24277-4MSD	Matrix Spike Duplicate	T	Solid	9251	

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-68827					
LB 460-68827/1-A	TCLP SPLPE Leachate Blank	T	Solid	D3987-85	
LB 460-68827/22-A	TCLP SPLPE Leachate Blank	T	Solid	D3987-85	
460-24277-11	PMP-13-VD-E (3.5-4)	T	Solid	D3987-85	
460-24277-12	PMP-13-WT-E (7.5-8.0)	T	Solid	D3987-85	
460-24277-13	PMP-13-SI-E (15.5-16)	T	Solid	D3987-85	
460-24277-14	PMP-13-SD-E (23.5-24)	T	Solid	D3987-85	
460-24277-15	PMP-16-VD-E (3.5-4.0)	T	Solid	D3987-85	
460-24277-16	PMP-16-WT-E (8.0-8.5)	T	Solid	D3987-85	
460-24277-17	PMP-16-SI-E (10.5-11.0)	T	Solid	D3987-85	
460-24277-17MS	Matrix Spike	T	Solid	D3987-85	
460-24277-17MSD	Matrix Spike Duplicate	T	Solid	D3987-85	
460-24277-18	PMP-15VD-E (3.5-4)	T	Solid	D3987-85	
460-24277-19	PMP-15-WT-E (7.5-8)	T	Solid	D3987-85	
460-24277-20	PMP-15-SI-E (15.5-16)	T	Solid	D3987-85	
460-24277-21	PMP-15-SD-E (23.5-24.0)	T	Solid	D3987-85	
460-24277-22	PMP-28-VD-E (3-5)	T	Solid	D3987-85	
460-24277-23	PMP-28-WT-E (8-8.5)	T	Solid	D3987-85	
460-24277-24	PMP-28-SI1-E (11-13)	T	Solid	D3987-85	
460-24277-25	PMP-28-SI2-E (15-17)	T	Solid	D3987-85	
460-24277-26	PMP-17-VD-E (3.5-4)	T	Solid	D3987-85	
460-24277-27	PMP-17-WT-E (8-8.5)	T	Solid	D3987-85	
460-24277-28	PMP-17-SI-E (10.5-11.0)	T	Solid	D3987-85	
460-24277-29	PMP-18-VD-E (3.5-4)	T	Solid	D3987-85	
460-24277-30	PMP-18-WT-E (8-8.5)	T	Solid	D3987-85	
460-24277-30MS	Matrix Spike	T	Solid	D3987-85	
460-24277-30MSD	Matrix Spike Duplicate	T	Solid	D3987-85	
460-24277-31	PMP-18-SI-E (10.5-11)	T	Solid	D3987-85	

Client: Antea USA, Inc. Job Number: 460-24277-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-69070					
LB 460-68827/1-A	TCLP SPLPE Leachate Blank	T	Solid	9251	
LCS 460-69070/8	Lab Control Sample	T	Water	9251	
MB 460-69070/7	Method Blank	T	Water	9251	
460-24277-11	PMP-13-VD-E (3.5-4)	T	Solid	9251	
460-24277-12	PMP-13-WT-E (7.5-8.0)	T	Solid	9251	
460-24277-13	PMP-13-SI-E (15.5-16)	T	Solid	9251	
460-24277-14	PMP-13-SD-E (23.5-24)	T	Solid	9251	
460-24277-15	PMP-16-VD-E (3.5-4.0)	T	Solid	9251	
460-24277-16	PMP-16-WT-E (8.0-8.5)	T	Solid	9251	
460-24277-17	PMP-16-SI-E (10.5-11.0)	T	Solid	9251	
460-24277-17MS	Matrix Spike	T	Solid	9251	
460-24277-17MSD	Matrix Spike Duplicate	T	Solid	9251	
460-24277-18	PMP-15VD-E (3.5-4)	T	Solid	9251	
460-24277-19	PMP-15-WT-E (7.5-8)	T	Solid	9251	
460-24277-20	PMP-15-SI-E (15.5-16)	T	Solid	9251	
460-24277-21	PMP-15-SD-E (23.5-24.0)	T	Solid	9251	
460-24277-22	PMP-28-VD-E (3-5)	T	Solid	9251	
460-24277-23	PMP-28-WT-E (8-8.5)	T	Solid	9251	
460-24277-24	PMP-28-SI1-E (11-13)	T	Solid	9251	
460-24277-25	PMP-28-SI2-E (15-17)	T	Solid	9251	
460-24277-26	PMP-17-VD-E (3.5-4)	T	Solid	9251	
460-24277-27	PMP-17-WT-E (8-8.5)	T	Solid	9251	
460-24277-28	PMP-17-SI-E (10.5-11.0)	T	Solid	9251	
460-24277-29	PMP-18-VD-E (3.5-4)	T	Solid	9251	
Analysis Batch:460-69086					
LB 460-68827/1-A	TCLP SPLPE Leachate Blank	T	Solid	9251	
LB 460-68827/22-A	TCLP SPLPE Leachate Blank	T	Solid	9251	
LCS 460-69086/6	Lab Control Sample	T	Water	9251	
MB 460-69086/5	Method Blank	T	Water	9251	
460-24277-30	PMP-18-WT-E (8-8.5)	T	Solid	9251	
460-24277-30MS	Matrix Spike	T	Solid	9251	
460-24277-30MSD	Matrix Spike Duplicate	T	Solid	9251	
460-24277-31	PMP-18-SI-E (10.5-11)	T	Solid	9251	

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Chronicle

Lab ID: 460-24277-1 **Client ID: PMP-9-VD-E (3.5-4.0)**

Sample Date/Time: 03/17/2011 13:55 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-1-A		460-68208	460-67903	03/19/2011 15:46	50	TAL EDI	FJ
A:8260B	460-24277-B-1-A		460-68208	460-67903	03/23/2011 17:59	50	TAL EDI	SD
P:3541	460-24277-F-1-G		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24277-F-1-G		460-69101	460-69007	03/31/2011 07:30	1	TAL EDI	AS
P:3541	460-24277-F-1-C		460-69122	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	460-24277-F-1-C		460-69122	460-68886	03/31/2011 11:47	1	TAL EDI	CBB
P:3546	460-24277-F-1-F		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-1-F		460-69393	460-68964	04/02/2011 07:37	1	TAL EDI	MY
A:9251	460-24277-A-1-A		460-68803		03/29/2011 09:55	1	TAL EDI	MB
A:Moisture	460-24277-A-1		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-1 MS **Client ID: PMP-9-VD-E (3.5-4.0)**

Sample Date/Time: 03/17/2011 13:55 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24277-F-1-A MS		460-69122	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	460-24277-F-1-A MS		460-69122	460-68886	03/31/2011 11:14	1	TAL EDI	CBB
P:3546	460-24277-F-1-D MS		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-1-D MS		460-69393	460-68964	04/02/2011 13:51	1	TAL EDI	MY

Lab ID: 460-24277-1 MSD **Client ID: PMP-9-VD-E (3.5-4.0)**

Sample Date/Time: 03/17/2011 13:55 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24277-F-1-B MSD		460-69122	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	460-24277-F-1-B MSD		460-69122	460-68886	03/31/2011 11:30	1	TAL EDI	CBB
P:3546	460-24277-F-1-E MSD		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-1-E MSD		460-69393	460-68964	04/02/2011 14:06	1	TAL EDI	MY

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Chronicle

Lab ID: 460-24277-2 **Client ID: PMP-9-WT-E (8-8.5)**

Sample Date/Time: 03/17/2011 13:57 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-2-A		460-68208	460-67903	03/19/2011 15:46	50	TAL EDI	FJ
A:8260B	460-24277-B-2-A		460-68208	460-67903	03/23/2011 18:32	50	TAL EDI	SD
P:3541	460-24277-F-2-C		460-69541	460-69007	03/30/2011 22:53	5	TAL EDI	JH
A:8270C	460-24277-F-2-C		460-69541	460-69007	04/03/2011 22:39	5	TAL EDI	MC
P:3541	460-24277-F-2-A		460-69162	460-68886	03/30/2011 03:55	100	TAL EDI	ARA
A:8082	460-24277-F-2-A		460-69162	460-68886	04/01/2011 04:10	100	TAL EDI	CBB
P:3546	460-24277-F-2-B		460-69502	460-68964	03/30/2011 10:00	10	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-2-B		460-69502	460-68964	04/05/2011 09:55	10	TAL EDI	MY
A:9251	460-24277-A-2-A		460-68803		03/29/2011 09:56	1	TAL EDI	MB
A:Moisture	460-24277-A-2		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-3 **Client ID: PMP-9-SIE (10.5-11)**

Sample Date/Time: 03/17/2011 14:00 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-D-3-A		460-68548	460-67904	03/19/2011 16:56	1	TAL EDI	FJ
A:8260B	460-24277-D-3-A		460-68548	460-67904	03/26/2011 04:04	1	TAL EDI	AT
P:3541	460-24277-F-3-C		460-69325	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24277-F-3-C		460-69325	460-69007	04/01/2011 18:19	1	TAL EDI	AAA
P:3541	460-24277-F-3-A		460-69160	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	460-24277-F-3-A		460-69160	460-68886	03/31/2011 18:13	1	TAL EDI	CBB
P:3546	460-24277-F-3-B		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-3-B		460-69393	460-68964	04/02/2011 08:07	1	TAL EDI	MY
A:9251	460-24277-A-3-A		460-68803		03/29/2011 09:56	1	TAL EDI	MB
A:Moisture	460-24277-A-3		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Chronicle

Lab ID: 460-24277-4 **Client ID: DUP-031711 (3.5-4)**

Sample Date/Time: 03/17/2011 00:00 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-4-A		460-68358	460-67903	03/19/2011 15:48	50	TAL EDI	FJ
A:8260B	460-24277-B-4-A		460-68358	460-67903	03/24/2011 15:26	50	TAL EDI	SD
P:3541	460-24277-F-4-C		460-69325	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24277-F-4-C		460-69325	460-69007	04/01/2011 18:41	1	TAL EDI	AAA
P:3541	460-24277-F-4-A		460-69160	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	460-24277-F-4-A		460-69160	460-68886	03/31/2011 18:30	1	TAL EDI	CBB
P:3546	460-24277-F-4-B		460-69502	460-68964	03/30/2011 10:00	2	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-4-B		460-69502	460-68964	04/05/2011 10:10	2	TAL EDI	MY
A:9251	460-24277-A-4-A		460-68820		03/29/2011 11:24	1	TAL EDI	MB
A:Moisture	460-24277-A-4		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-4 MS **Client ID: DUP-031711 (3.5-4)**

Sample Date/Time: 03/17/2011 00:00 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	460-24277-A-4-A MS		460-68820		03/29/2011 12:21	1	TAL EDI	MB

Lab ID: 460-24277-4 MSD **Client ID: DUP-031711 (3.5-4)**

Sample Date/Time: 03/17/2011 00:00 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	460-24277-A-4-A MSD		460-68820		03/29/2011 12:21	1	TAL EDI	MB

Lab ID: 460-24277-5 **Client ID: DUP-031711 (8-8.5)**

Sample Date/Time: 03/17/2011 00:00 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-5-A		460-68358	460-67903	03/19/2011 15:48	50	TAL EDI	FJ
A:8260B	460-24277-B-5-A		460-68358	460-67903	03/24/2011 16:31	50	TAL EDI	SD
P:3541	460-24277-F-5-C		460-69541	460-69007	03/30/2011 22:53	10	TAL EDI	JH
A:8270C	460-24277-F-5-C		460-69541	460-69007	04/03/2011 21:56	10	TAL EDI	MC
P:3541	460-24277-F-5-A		460-69162	460-68886	03/30/2011 03:55	200	TAL EDI	ARA
A:8082	460-24277-F-5-A		460-69162	460-68886	04/01/2011 01:09	200	TAL EDI	CBB
P:3546	460-24277-F-5-B		460-69502	460-68964	03/30/2011 10:00	20	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-5-B		460-69502	460-68964	04/05/2011 10:20	20	TAL EDI	MY
A:9251	460-24277-A-5-A		460-68803		03/29/2011 09:55	1	TAL EDI	MB
A:Moisture	460-24277-A-5		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

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Lab ID: 460-24277-6 **Client ID: DUP-031711 (10.5-11)**

Sample Date/Time: 03/17/2011 00:00 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-6-A		460-68358	460-67903	03/19/2011 15:49	50	TAL EDI	FJ
A:8260B	460-24277-B-6-A		460-68358	460-67903	03/24/2011 17:03	50	TAL EDI	SD
P:3541	460-24277-F-6-C		460-69325	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24277-F-6-C		460-69325	460-69007	04/01/2011 17:35	1	TAL EDI	AAA
P:3541	460-24277-F-6-A		460-69162	460-68886	03/30/2011 03:55	100	TAL EDI	ARA
A:8082	460-24277-F-6-A		460-69162	460-68886	04/01/2011 01:25	100	TAL EDI	CBB
P:3546	460-24277-F-6-B		460-69502	460-68964	03/30/2011 10:00	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-6-B		460-69502	460-68964	04/05/2011 10:35	5	TAL EDI	MY
A:9251	460-24277-A-6-A		460-68803		03/29/2011 09:55	1	TAL EDI	MB
A:Moisture	460-24277-A-6		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-7 **Client ID: PMP-10-VD-E (3.5-4.0)**

Sample Date/Time: 03/17/2011 14:30 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-E-7-A		460-68801	460-67904	03/19/2011 16:59	1	TAL EDI	FJ
A:8260B	460-24277-E-7-A		460-68801	460-67904	03/29/2011 08:12	1	TAL EDI	AT
P:3541	460-24277-F-7-C		460-68940	460-68798	03/28/2011 22:00	1	TAL EDI	cm
A:8270C	460-24277-F-7-C		460-68940	460-68798	03/30/2011 12:49	1	TAL EDI	AAA
P:3541	460-24277-F-7-D		460-69160	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	460-24277-F-7-D		460-69160	460-68886	03/31/2011 19:18	1	TAL EDI	CBB
P:3546	460-24277-F-7-E		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-7-E		460-69393	460-68964	04/02/2011 09:04	1	TAL EDI	MY
A:9251	460-24277-A-7-A		460-68803		03/29/2011 09:55	1	TAL EDI	MB
A:Moisture	460-24277-A-7		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-7 MS **Client ID: PMP-10-VD-E (3.5-4.0)**

Sample Date/Time: 03/17/2011 14:30 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24277-F-7-A MS		460-68940	460-68798	03/28/2011 22:00	1	TAL EDI	cm
A:8270C	460-24277-F-7-A MS		460-68940	460-68798	03/30/2011 12:10	1	TAL EDI	AAA

Client: Antea USA, Inc. Job Number: 460-24277-1

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Lab ID: 460-24277-7 MSD **Client ID: PMP-10-VD-E (3.5-4.0)**

Sample Date/Time: 03/17/2011 14:30 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24277-F-7-B MSD		460-68940	460-68798	03/28/2011 22:00	1	TAL EDI	cm
A:8270C	460-24277-F-7-B MSD		460-68940	460-68798	03/30/2011 12:30	1	TAL EDI	AAA

Lab ID: 460-24277-8 **Client ID: PMP-10-WT-E (7.5-8.0)**

Sample Date/Time: 03/17/2011 14:35 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-8-A		460-68358	460-67903	03/19/2011 15:50	50	TAL EDI	FJ
A:8260B	460-24277-B-8-A		460-68358	460-67903	03/24/2011 15:58	50	TAL EDI	SD
P:3541	460-24277-F-8-A		460-68940	460-68798	03/28/2011 22:00	2	TAL EDI	cm
A:8270C	460-24277-F-8-A		460-68940	460-68798	03/30/2011 13:48	2	TAL EDI	AAA
P:3541	460-24277-F-8-B		460-69162	460-68886	03/30/2011 03:55	10	TAL EDI	ARA
A:8082	460-24277-F-8-B		460-69162	460-68886	04/01/2011 01:42	10	TAL EDI	CBB
P:3546	460-24277-F-8-C		460-69502	460-68964	03/30/2011 10:00	50	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-8-C		460-69502	460-68964	04/05/2011 10:49	50	TAL EDI	MY
A:9251	460-24277-A-8-A		460-68803		03/29/2011 09:55	1	TAL EDI	MB
A:Moisture	460-24277-A-8		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-9 **Client ID: PMP-10-ST1-E (15-15.5)**

Sample Date/Time: 03/17/2011 14:40 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-9-A		460-68801	460-67904	03/19/2011 17:00	1	TAL EDI	FJ
A:8260B	460-24277-B-9-A		460-68801	460-67904	03/29/2011 09:02	1	TAL EDI	AT
P:3541	460-24277-F-9-A		460-68940	460-68798	03/28/2011 22:00	1	TAL EDI	cm
A:8270C	460-24277-F-9-A		460-68940	460-68798	03/30/2011 07:05	1	TAL EDI	AAA
P:3541	460-24277-F-9-B		460-69162	460-68886	03/30/2011 03:55	2	TAL EDI	ARA
A:8082	460-24277-F-9-B		460-69162	460-68886	04/01/2011 01:59	2	TAL EDI	CBB
P:3546	460-24277-F-9-C		460-69502	460-68964	03/30/2011 10:00	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-9-C		460-69502	460-68964	04/05/2011 11:53	5	TAL EDI	MY
A:9251	460-24277-A-9-A		460-68803		03/29/2011 09:55	1	TAL EDI	MB
A:Moisture	460-24277-A-9		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Chronicle

Lab ID: 460-24277-10 **Client ID: PMP-10-ST2-E (23.5-24)**

Sample Date/Time: 03/17/2011 14:45 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-D-10-A		460-68801	460-67904	03/19/2011 17:02	1	TAL EDI	FJ
A:8260B	460-24277-D-10-A		460-68801	460-67904	03/29/2011 08:37	1	TAL EDI	AT
P:3541	460-24277-F-10-A		460-68940	460-68798	03/28/2011 22:00	1	TAL EDI	cm
A:8270C	460-24277-F-10-A		460-68940	460-68798	03/30/2011 07:25	1	TAL EDI	AAA
P:3541	460-24277-F-10-B		460-69160	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	460-24277-F-10-B		460-69160	460-68886	03/31/2011 20:08	1	TAL EDI	CBB
P:3546	460-24277-F-10-C		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-10-C		460-69393	460-68964	04/02/2011 10:37	1	TAL EDI	MY
A:9251	460-24277-A-10-A		460-68803		03/29/2011 09:55	1	TAL EDI	MB
A:Moisture	460-24277-A-10		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-11 **Client ID: PMP-13-VD-E (3.5-4)**

Sample Date/Time: 03/17/2011 16:00 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-11-A		460-68548	460-67904	03/19/2011 17:02	1	TAL EDI	FJ
A:8260B	460-24277-B-11-A		460-68548	460-67904	03/26/2011 05:18	1	TAL EDI	AT
P:3541	460-24277-F-11-A		460-68940	460-68798	03/28/2011 22:00	1	TAL EDI	cm
A:8270C	460-24277-F-11-A		460-68940	460-68798	03/30/2011 09:13	1	TAL EDI	AAA
P:3541	460-24277-F-11-B		460-69160	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	460-24277-F-11-B		460-69160	460-68886	03/31/2011 20:24	1	TAL EDI	CBB
P:3546	460-24277-F-11-C		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-11-C		460-69393	460-68964	04/02/2011 10:52	1	TAL EDI	MY
A:9251	460-24277-A-11-A		460-69070		03/31/2011 10:42	1	TAL EDI	MB
A:Moisture	460-24277-A-11		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Chronicle

Lab ID: 460-24277-12 **Client ID: PMP-13-WT-E (7.5-8.0)**

Sample Date/Time: 03/17/2011 16:05 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-D-12-A		460-68358	460-67903	03/19/2011 15:53	50	TAL EDI	FJ
A:8260B	460-24277-D-12-A		460-68358	460-67903	03/24/2011 18:08	50	TAL EDI	SD
P:3541	460-24277-F-12-C		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-12-C		460-69222	460-68871	03/30/2011 09:13	1	TAL EDI	CZ
P:3541	460-24277-F-12-D		460-69162	460-68886	03/30/2011 03:55	100	TAL EDI	ARA
A:8082	460-24277-F-12-D		460-69162	460-68886	04/01/2011 02:15	100	TAL EDI	CBB
P:3546	460-24277-F-12-E		460-69502	460-68964	03/30/2011 10:00	20	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-12-E		460-69502	460-68964	04/06/2011 07:05	20	TAL EDI	MY
A:9251	460-24277-A-12-A		460-69070		03/31/2011 10:42	1	TAL EDI	MB
A:Moisture	460-24277-A-12		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-12 MS **Client ID: PMP-13-WT-E (7.5-8.0)**

Sample Date/Time: 03/17/2011 16:05 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24277-F-12-A MS		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-12-A MS		460-69222	460-68871	03/30/2011 09:40	1	TAL EDI	CZ

Lab ID: 460-24277-12 MSD **Client ID: PMP-13-WT-E (7.5-8.0)**

Sample Date/Time: 03/17/2011 16:05 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24277-F-12-B MSD		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-12-B MSD		460-69222	460-68871	03/30/2011 10:07	1	TAL EDI	CZ

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Chronicle

Lab ID: 460-24277-13 **Client ID: PMP-13-SI-E (15.5-16)**

Sample Date/Time: 03/17/2011 16:10 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-D-13-A		460-68548	460-67904	03/19/2011 17:03	1	TAL EDI	FJ
A:8260B	460-24277-D-13-A		460-68548	460-67904	03/26/2011 05:43	1	TAL EDI	AT
P:3541	460-24277-F-13-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-13-A		460-69222	460-68871	03/30/2011 02:03	1	TAL EDI	CZ
P:3541	460-24277-F-13-B		460-69160	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	460-24277-F-13-B		460-69160	460-68886	03/31/2011 20:56	1	TAL EDI	CBB
P:3546	460-24277-F-13-C		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-13-C		460-69393	460-68964	04/02/2011 11:22	1	TAL EDI	MY
A:9251	460-24277-A-13-A		460-69070		03/31/2011 10:42	1	TAL EDI	MB
A:Moisture	460-24277-A-13		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-14 **Client ID: PMP-13-SD-E (23.5-24)**

Sample Date/Time: 03/17/2011 16:15 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-14-A		460-68934	460-67903	03/19/2011 15:54	50	TAL EDI	FJ
A:8260B	460-24277-B-14-A		460-68934	460-67903	03/30/2011 13:00	50	TAL EDI	SD
P:3541	460-24277-F-14-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-14-A		460-69222	460-68871	03/30/2011 02:29	1	TAL EDI	CZ
P:3541	460-24277-F-14-B		460-69160	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	460-24277-F-14-B		460-69160	460-68886	03/31/2011 21:12	1	TAL EDI	CBB
P:3546	460-24277-F-14-C		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24277-F-14-C		460-69393	460-68964	04/02/2011 11:34	1	TAL EDI	MY
A:9251	460-24277-A-14-A		460-69070		03/31/2011 10:42	1	TAL EDI	MB
A:Moisture	460-24277-A-14		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Chronicle

Lab ID: 460-24277-15 **Client ID: PMP-16-VD-E (3.5-4.0)**

Sample Date/Time: 03/18/2011 09:20 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-E-15-A		460-68728	460-67904	03/19/2011 17:05	1	TAL EDI	FJ
A:8260B	460-24277-E-15-A		460-68728	460-67904	03/28/2011 20:44	1	TAL EDI	EM
P:3541	460-24277-F-15-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-15-A		460-69222	460-68871	03/30/2011 02:56	1	TAL EDI	CZ
P:3541	460-24277-F-15-B		460-69160	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	460-24277-F-15-B		460-69160	460-68886	03/31/2011 21:28	1	TAL EDI	CBB
P:3546	460-24277-F-15-E		460-69832	460-69044	03/31/2011 10:21	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-15-E		460-69832	460-69044	04/07/2011 14:51	1	TAL EDI	HP
A:9251	460-24277-A-15-A		460-69070		03/31/2011 10:42	1	TAL EDI	MB
A:Moisture	460-24277-A-15		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-15 MS **Client ID: PMP-16-VD-E (3.5-4.0)**

Sample Date/Time: 03/18/2011 09:20 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-24277-F-15-C MS		460-69780	460-69044	03/31/2011 10:21	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-15-C MS		460-69780	460-69044	04/06/2011 13:22	1	TAL EDI	MY

Lab ID: 460-24277-15 MSD **Client ID: PMP-16-VD-E (3.5-4.0)**

Sample Date/Time: 03/18/2011 09:20 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-24277-F-15-D MSD		460-69780	460-69044	03/31/2011 10:21	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-15-D MSD		460-69780	460-69044	04/06/2011 13:49	1	TAL EDI	MY

Client: Antea USA, Inc. Job Number: 460-24277-1

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Lab ID: 460-24277-16 **Client ID: PMP-16-WT-E (8.0-8.5)**

Sample Date/Time: 03/18/2011 09:25 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-16-A		460-68358	460-67903	03/19/2011 15:56	50	TAL EDI	FJ
A:8260B	460-24277-B-16-A		460-68358	460-67903	03/24/2011 18:40	50	TAL EDI	SD
P:3541	460-24277-F-16-A		460-69222	460-68871	03/29/2011 22:23	5	TAL EDI	JH
A:8270C	460-24277-F-16-A		460-69222	460-68871	03/30/2011 11:55	5	TAL EDI	CZ
P:3541	460-24277-F-16-B		460-69162	460-68886	03/30/2011 03:55	200	TAL EDI	ARA
A:8082	460-24277-F-16-B		460-69162	460-68886	04/01/2011 04:27	200	TAL EDI	CBB
P:3546	460-24277-F-16-C		460-69502	460-69044	03/31/2011 10:21	50	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-16-C		460-69502	460-69044	04/05/2011 16:55	50	TAL EDI	MY
A:9251	460-24277-A-16-A		460-69070		03/31/2011 10:42	1	TAL EDI	MB
A:Moisture	460-24277-A-16		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-17 **Client ID: PMP-16-SI-E (10.5-11.0)**

Sample Date/Time: 03/18/2011 09:30 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-17-A		460-68358	460-67903	03/19/2011 15:56	50	TAL EDI	FJ
A:8260B	460-24277-B-17-A		460-68358	460-67903	03/24/2011 19:13	50	TAL EDI	SD
P:3541	460-24277-F-17-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-17-A		460-69222	460-68871	03/30/2011 06:58	1	TAL EDI	CZ
P:3541	460-24277-F-17-B		460-69162	460-68886	03/30/2011 03:55	10	TAL EDI	ARA
A:8082	460-24277-F-17-B		460-69162	460-68886	04/01/2011 02:48	10	TAL EDI	CBB
P:3546	460-24277-F-17-C		460-69502	460-69044	03/31/2011 10:21	5	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-17-C		460-69502	460-69044	04/05/2011 17:10	5	TAL EDI	MY
A:9251	460-24277-A-17-A		460-69070		03/31/2011 10:42	1	TAL EDI	MB
A:Moisture	460-24277-A-17		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-17 MS **Client ID: PMP-16-SI-E (10.5-11.0)**

Sample Date/Time: 03/18/2011 09:30 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	460-24277-A-17-A MS		460-69070		03/31/2011 11:14	1	TAL EDI	MB

Lab ID: 460-24277-17 MSD **Client ID: PMP-16-SI-E (10.5-11.0)**

Sample Date/Time: 03/18/2011 09:30 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	460-24277-A-17-A MSD		460-69070		03/31/2011 11:14	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-24277-1

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Lab ID: 460-24277-17 DU **Client ID: PMP-16-SI-E (10.5-11.0)**

Sample Date/Time: 03/18/2011 09:30 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-24277-A-17 DU		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-18 **Client ID: PMP-15VD-E (3.5-4)**

Sample Date/Time: 03/18/2011 10:25 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-D-18-A		460-68639	460-67904	03/19/2011 17:07	1	TAL EDI	FJ
A:8260B	460-24277-D-18-A		460-68639	460-67904	03/28/2011 07:31	1	TAL EDI	AT
P:3541	460-24277-F-18-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-18-A		460-69222	460-68871	03/30/2011 03:23	1	TAL EDI	CZ
P:3541	460-24277-F-18-B		460-69160	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	460-24277-F-18-B		460-69160	460-68886	03/31/2011 22:17	1	TAL EDI	CBB
P:3546	460-24277-F-18-C		460-69832	460-69044	03/31/2011 10:21	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-18-C		460-69832	460-69044	04/07/2011 15:06	1	TAL EDI	HP
A:9251	460-24277-A-18-A		460-69070		03/31/2011 10:47	1	TAL EDI	MB
A:Moisture	460-24277-A-18		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-19 **Client ID: PMP-15-WT-E (7.5-8)**

Sample Date/Time: 03/18/2011 10:30 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-19-A		460-68358	460-67903	03/19/2011 15:58	50	TAL EDI	FJ
A:8260B	460-24277-B-19-A		460-68358	460-67903	03/24/2011 19:45	50	TAL EDI	SD
P:3541	460-24277-F-19-A		460-69222	460-68871	03/29/2011 22:23	5	TAL EDI	JH
A:8270C	460-24277-F-19-A		460-69222	460-68871	03/30/2011 11:01	5	TAL EDI	CZ
P:3541	460-24277-F-19-B		460-69162	460-68886	03/30/2011 03:55	200	TAL EDI	ARA
A:8082	460-24277-F-19-B		460-69162	460-68886	04/01/2011 03:04	200	TAL EDI	CBB
P:3546	460-24277-F-19-C		460-69502	460-69044	03/31/2011 10:21	100	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-19-C		460-69502	460-69044	04/05/2011 17:25	100	TAL EDI	MY
A:9251	460-24277-A-19-A		460-69070		03/31/2011 12:01	1	TAL EDI	MB
A:Moisture	460-24277-A-19		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

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Lab ID: 460-24277-20 **Client ID: PMP-15-SI-E (15.5-16)**

Sample Date/Time: 03/18/2011 10:35 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-D-20-A		460-68639	460-67904	03/19/2011 17:09	1	TAL EDI	FJ
A:8260B	460-24277-D-20-A		460-68639	460-67904	03/28/2011 07:56	1	TAL EDI	AT
P:3541	460-24277-F-20-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-20-A		460-69222	460-68871	03/30/2011 03:50	1	TAL EDI	CZ
P:3541	460-24277-F-20-B		460-69162	460-68886	03/30/2011 03:55	2	TAL EDI	ARA
A:8082	460-24277-F-20-B		460-69162	460-68886	04/01/2011 03:21	2	TAL EDI	CBB
P:3546	460-24277-F-20-C		460-69832	460-69044	03/31/2011 10:21	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-20-C		460-69832	460-69044	04/07/2011 15:18	1	TAL EDI	HP
A:9251	460-24277-A-20-A		460-69070		03/31/2011 10:47	1	TAL EDI	MB
A:Moisture	460-24277-A-20		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-21 **Client ID: PMP-15-SD-E (23.5-24.0)**

Sample Date/Time: 03/18/2011 10:40 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-D-21-A		460-68639	460-67904	03/19/2011 17:09	1	TAL EDI	FJ
A:8260B	460-24277-D-21-A		460-68639	460-67904	03/28/2011 08:21	1	TAL EDI	AT
P:3541	460-24277-F-21-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-21-A		460-69222	460-68871	03/30/2011 04:17	1	TAL EDI	CZ
P:3541	460-24277-F-21-B		460-69158	460-68889	03/30/2011 04:35	1	TAL EDI	ARA
A:8082	460-24277-F-21-B		460-69158	460-68889	03/31/2011 15:37	1	TAL EDI	CBB
P:3546	460-24277-F-21-C		460-69832	460-69044	03/31/2011 10:21	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-21-C		460-69832	460-69044	04/07/2011 13:29	1	TAL EDI	HP
A:9251	460-24277-A-21-A		460-69070		03/31/2011 12:01	1	TAL EDI	MB
A:Moisture	460-24277-A-21		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

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Lab ID: 460-24277-22 **Client ID: PMP-28-VD-E (3-5)**

Sample Date/Time: 03/18/2011 11:55 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-D-22-A		460-68639	460-67904	03/19/2011 17:10	1	TAL EDI	FJ
A:8260B	460-24277-D-22-A		460-68639	460-67904	03/28/2011 08:45	1	TAL EDI	AT
P:3541	460-24277-F-22-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-22-A		460-69222	460-68871	03/30/2011 07:25	1	TAL EDI	CZ
P:3541	460-24277-F-22-B		460-69159	460-68889	03/30/2011 04:35	500	TAL EDI	ARA
A:8082	460-24277-F-22-B		460-69159	460-68889	03/31/2011 23:19	500	TAL EDI	CBB
P:3546	460-24277-F-22-C		460-69502	460-69044	03/31/2011 10:21	50	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-22-C		460-69502	460-69044	04/05/2011 17:35	50	TAL EDI	MY
A:9251	460-24277-A-22-A		460-69070		03/31/2011 12:01	1	TAL EDI	MB
A:Moisture	460-24277-A-22		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-23 **Client ID: PMP-28-WT-E (8-8.5)**

Sample Date/Time: 03/18/2011 12:00 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-23-A		460-68358	460-67903	03/19/2011 16:00	50	TAL EDI	FJ
A:8260B	460-24277-B-23-A		460-68358	460-67903	03/24/2011 20:50	50	TAL EDI	SD
P:3541	460-24277-F-23-A		460-69222	460-68871	03/29/2011 22:23	2	TAL EDI	JH
A:8270C	460-24277-F-23-A		460-69222	460-68871	03/30/2011 10:34	2	TAL EDI	CZ
P:3541	460-24277-F-23-B		460-69159	460-68889	03/30/2011 04:35	50	TAL EDI	ARA
A:8082	460-24277-F-23-B		460-69159	460-68889	03/31/2011 23:35	50	TAL EDI	CBB
P:3546	460-24277-F-23-C		460-69502	460-69044	03/31/2011 10:21	20	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-23-C		460-69502	460-69044	04/05/2011 17:40	20	TAL EDI	MY
A:9251	460-24277-A-23-A		460-69070		03/31/2011 12:01	1	TAL EDI	MB
A:Moisture	460-24277-A-23		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

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Lab ID: 460-24277-24 **Client ID: PMP-28-SI1-E (11-13)**

Sample Date/Time: 03/18/2011 12:05 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-24-A		460-68512	460-67903	03/19/2011 16:01	50	TAL EDI	FJ
A:8260B	460-24277-B-24-A		460-68512	460-67903	03/25/2011 20:24	50	TAL EDI	SD
P:3541	460-24277-F-24-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-24-A		460-69222	460-68871	03/30/2011 07:52	1	TAL EDI	CZ
P:3541	460-24277-F-24-B		460-69159	460-68889	03/30/2011 04:35	5	TAL EDI	ARA
A:8082	460-24277-F-24-B		460-69159	460-68889	03/31/2011 23:51	5	TAL EDI	CBB
P:3546	460-24277-F-24-C		460-69780	460-69044	03/31/2011 10:21	25	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-24-C		460-69780	460-69044	04/06/2011 10:58	25	TAL EDI	MY
A:9251	460-24277-A-24-A		460-69070		03/31/2011 12:01	1	TAL EDI	MB
A:Moisture	460-24277-A-24		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-25 **Client ID: PMP-28-SI2-E (15-17)**

Sample Date/Time: 03/18/2011 12:10 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-D-25-A		460-68801	460-67904	03/19/2011 17:12	1	TAL EDI	FJ
A:8260B	460-24277-D-25-A		460-68801	460-67904	03/29/2011 09:52	1	TAL EDI	AT
P:3541	460-24277-F-25-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-25-A		460-69222	460-68871	03/30/2011 04:44	1	TAL EDI	CZ
P:3541	460-24277-F-25-B		460-69158	460-68889	03/30/2011 04:35	1	TAL EDI	ARA
A:8082	460-24277-F-25-B		460-69158	460-68889	03/31/2011 16:44	1	TAL EDI	CBB
P:3546	460-24277-F-25-C		460-69832	460-69044	03/31/2011 10:21	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-25-C		460-69832	460-69044	04/07/2011 13:43	1	TAL EDI	HP
A:9251	460-24277-A-25-A		460-69070		03/31/2011 12:01	1	TAL EDI	MB
A:Moisture	460-24277-A-25		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

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Lab ID: 460-24277-26 **Client ID: PMP-17-VD-E (3.5-4)**

Sample Date/Time: 03/18/2011 12:30 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-26-A		460-68512	460-67903	03/19/2011 16:02	50	TAL EDI	FJ
A:8260B	460-24277-B-26-A		460-68512	460-67903	03/25/2011 13:23	50	TAL EDI	SD
P:3541	460-24277-F-26-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-26-A		460-69222	460-68871	03/30/2011 05:11	1	TAL EDI	CZ
P:3541	460-24277-F-26-B		460-69158	460-68889	03/30/2011 04:35	1	TAL EDI	ARA
A:8082	460-24277-F-26-B		460-69158	460-68889	03/31/2011 17:00	1	TAL EDI	CBB
P:3546	460-24277-F-26-C		460-69832	460-69044	03/31/2011 10:21	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-26-C		460-69832	460-69044	04/07/2011 15:32	1	TAL EDI	HP
A:9251	460-24277-A-26-A		460-69070		03/31/2011 10:47	1	TAL EDI	MB
A:Moisture	460-24277-A-26		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-27 **Client ID: PMP-17-WT-E (8-8.5)**

Sample Date/Time: 03/18/2011 12:35 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-27-A		460-69045	460-67903	03/19/2011 16:03	50	TAL EDI	FJ
A:8260B	460-24277-B-27-A		460-69045	460-67903	03/31/2011 12:16	50	TAL EDI	SD
P:3541	460-24277-F-27-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-27-A		460-69222	460-68871	03/30/2011 08:19	1	TAL EDI	CZ
P:3541	460-24277-F-27-B		460-69159	460-68889	03/30/2011 04:35	100	TAL EDI	ARA
A:8082	460-24277-F-27-B		460-69159	460-68889	04/01/2011 00:07	100	TAL EDI	CBB
P:3546	460-24277-F-27-C		460-69780	460-69044	03/31/2011 10:21	50	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-27-C		460-69780	460-69044	04/06/2011 11:13	50	TAL EDI	MY
A:9251	460-24277-A-27-A		460-69070		03/31/2011 10:47	1	TAL EDI	MB
A:Moisture	460-24277-A-27		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Chronicle

Lab ID: 460-24277-28 **Client ID: PMP-17-SI-E (10.5-11.0)**

Sample Date/Time: 03/18/2011 12:40 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-D-28-A		460-68801	460-67904	03/19/2011 17:15	1	TAL EDI	FJ
A:8260B	460-24277-D-28-A		460-68801	460-67904	03/29/2011 10:42	1	TAL EDI	AT
P:3541	460-24277-F-28-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-28-A		460-69222	460-68871	03/30/2011 05:38	1	TAL EDI	CZ
P:3541	460-24277-F-28-B		460-69159	460-68889	03/30/2011 04:35	10	TAL EDI	ARA
A:8082	460-24277-F-28-B		460-69159	460-68889	04/01/2011 00:23	10	TAL EDI	CBB
P:3546	460-24277-F-28-C		460-69780	460-69044	03/31/2011 10:21	5	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-28-C		460-69780	460-69044	04/06/2011 11:35	5	TAL EDI	MY
A:9251	460-24277-A-28-A		460-69070		03/31/2011 10:48	1	TAL EDI	MB
A:Moisture	460-24277-A-28		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-29 **Client ID: PMP-18-VD-E (3.5-4)**

Sample Date/Time: 03/18/2011 12:50 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-D-29-A		460-68801	460-67904	03/19/2011 17:15	1	TAL EDI	FJ
A:8260B	460-24277-D-29-A		460-68801	460-67904	03/29/2011 11:06	1	TAL EDI	AT
P:3541	460-24277-F-29-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-29-A		460-69222	460-68871	03/30/2011 06:04	1	TAL EDI	CZ
P:3541	460-24277-F-29-B		460-69307	460-69030	03/31/2011 09:06	2	TAL EDI	ARA
A:8082	460-24277-F-29-B		460-69307	460-69030	04/02/2011 00:06	2	TAL EDI	CBB
P:3546	460-24277-F-29-C		460-69832	460-69044	03/31/2011 10:21	1	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-29-C		460-69832	460-69044	04/07/2011 15:47	1	TAL EDI	HP
A:9251	460-24277-A-29-A		460-69070		03/31/2011 10:48	1	TAL EDI	MB
A:Moisture	460-24277-A-29		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Chronicle

Lab ID: 460-24277-30 **Client ID: PMP-18-WT-E (8-8.5)**

Sample Date/Time: 03/18/2011 12:55 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-D-30-A		460-68801	460-67904	03/19/2011 17:16	1	TAL EDI	FJ
A:8260B	460-24277-D-30-A		460-68801	460-67904	03/29/2011 11:31	1	TAL EDI	AT
P:3541	460-24277-F-30-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	460-24277-F-30-A		460-69222	460-68871	03/30/2011 08:46	1	TAL EDI	CZ
P:3541	460-24277-F-30-B		460-69307	460-69030	03/31/2011 09:06	20	TAL EDI	ARA
A:8082	460-24277-F-30-B		460-69307	460-69030	04/02/2011 00:22	20	TAL EDI	CBB
P:3546	460-24277-F-30-C		460-69780	460-69044	03/31/2011 10:21	20	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-30-C		460-69780	460-69044	04/06/2011 11:50	20	TAL EDI	MY
A:9251	460-24277-A-30-A		460-69086		03/31/2011 13:06	1	TAL EDI	MB
A:Moisture	460-24277-A-30		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Lab ID: 460-24277-30 MS **Client ID: PMP-18-WT-E (8-8.5)**

Sample Date/Time: 03/18/2011 12:55 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	460-24277-A-30-A MS		460-69086		03/31/2011 13:26	1	TAL EDI	MB

Lab ID: 460-24277-30 MSD **Client ID: PMP-18-WT-E (8-8.5)**

Sample Date/Time: 03/18/2011 12:55 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	460-24277-A-30-A MSD		460-69086		03/31/2011 13:26	1	TAL EDI	MB

Lab ID: 460-24277-31 **Client ID: PMP-18-SI-E (10.5-11)**

Sample Date/Time: 03/18/2011 13:00 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-31-A		460-68512	460-67903	03/19/2011 16:06	50	TAL EDI	FJ
A:8260B	460-24277-B-31-A		460-68512	460-67903	03/25/2011 15:33	50	TAL EDI	SD
P:3541	460-24277-F-31-A		460-69325	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24277-F-31-A		460-69325	460-69007	04/01/2011 17:13	1	TAL EDI	AAA
P:3541	460-24277-F-31-B		460-69331	460-69030	03/31/2011 09:06	20	TAL EDI	ARA
A:8082	460-24277-F-31-B		460-69331	460-69030	04/02/2011 05:03	20	TAL EDI	CBB
P:3546	460-24277-F-31-C		460-69780	460-69044	03/31/2011 10:21	10	TAL EDI	hp
A:NJ-OQA-QAM-025	460-24277-F-31-C		460-69780	460-69044	04/06/2011 12:05	10	TAL EDI	MY
A:9251	460-24277-A-31-A		460-69086		03/31/2011 13:06	1	TAL EDI	MB
A:Moisture	460-24277-A-31		460-68119		03/22/2011 11:29	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Chronicle

Lab ID: 460-24277-31 MS **Client ID: PMP-18-SI-E (10.5-11)**

Sample Date/Time: 03/18/2011 13:00 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-31-A MS		460-68512	460-67903	03/19/2011 16:06	50	TAL EDI	FJ
A:8260B	460-24277-B-31-A MS		460-68512	460-67903	03/25/2011 16:05	50	TAL EDI	SD

Lab ID: 460-24277-31 MSD **Client ID: PMP-18-SI-E (10.5-11)**

Sample Date/Time: 03/18/2011 13:00 Received Date/Time: 03/18/2011 16:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24277-B-31-A MSD		460-68512	460-67903	03/19/2011 16:06	50	TAL EDI	FJ
A:8260B	460-24277-B-31-A MSD		460-68512	460-67903	03/25/2011 16:38	50	TAL EDI	SD

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	MB 460-68208/4		460-68208		03/23/2011 09:37	50	TAL EDI	SD
A:8260B	MB 460-68358/4		460-68358		03/24/2011 10:56	50	TAL EDI	SD
A:8260B	MB 460-68512/4		460-68512		03/25/2011 12:48	50	TAL EDI	SD
A:8260B	MB 460-68548/5		460-68548		03/25/2011 22:21	1	TAL EDI	AT
A:8260B	MB 460-68639/5		460-68639		03/28/2011 06:16	1	TAL EDI	AT
A:8260B	MB 460-68728/5		460-68728		03/28/2011 20:07	1	TAL EDI	EM
A:8260B	MB 460-68801/5		460-68801		03/29/2011 07:48	1	TAL EDI	AT
A:8260B	MB 460-68934/4		460-68934		03/30/2011 12:07	50	TAL EDI	SD
A:8260B	MB 460-69045/4		460-69045		03/31/2011 11:44	50	TAL EDI	SD
P:3541	MB 460-68871/1-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	MB 460-68871/1-A		460-69222	460-68871	03/30/2011 01:36	1	TAL EDI	CZ
P:3541	MB 460-68798/1-A		460-68940	460-68798	03/28/2011 22:00	1	TAL EDI	cm
A:8270C	MB 460-68798/1-A		460-68940	460-68798	03/30/2011 05:27	1	TAL EDI	AAA
P:3541	MB 460-69007/1-A		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	MB 460-69007/1-A		460-69101	460-69007	03/31/2011 03:53	1	TAL EDI	AS
P:3541	MB 460-68886/1-A		460-69122	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	MB 460-68886/1-A		460-69122	460-68886	03/31/2011 10:42	1	TAL EDI	CBB
P:3541	MB 460-68889/1-A		460-69158	460-68889	03/30/2011 04:35	1	TAL EDI	ARA
A:8082	MB 460-68889/1-A		460-69158	460-68889	03/31/2011 14:33	1	TAL EDI	CBB
P:3541	MB 460-69030/1-A		460-69334	460-69030	03/31/2011 09:06	1	TAL EDI	ARA
A:8082	MB 460-69030/1-A		460-69334	460-69030	04/01/2011 10:43	1	TAL EDI	CBB
P:3546	MB 460-68964/1-A		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	MB 460-68964/1-A		460-69393	460-68964	04/02/2011 06:34	1	TAL EDI	MY
P:3546	MB 460-69044/1-A		460-69832	460-69044	03/31/2011 10:21	1	TAL EDI	hp
A:NJ-OQA-QAM-025	MB 460-69044/1-A		460-69832	460-69044	04/07/2011 11:33	1	TAL EDI	HP
A:9251	MB 460-68803/5		460-68803		03/29/2011 09:50	1	TAL EDI	MB
A:9251	MB 460-68820/5		460-68820		03/29/2011 11:24	1	TAL EDI	MB
A:9251	MB 460-69070/7		460-69070		03/31/2011 10:42	1	TAL EDI	MB
A:9251	MB 460-69086/5		460-69086		03/31/2011 13:06	1	TAL EDI	MB

Lab ID: LB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	LB 460-68642/1-A		460-68803		03/29/2011 09:50	1	TAL EDI	MB
A:9251	LB 460-68642/1-A		460-68820		03/29/2011 11:24	1	TAL EDI	MB
A:9251	LB 460-68827/1-A		460-69070		03/31/2011 10:42	1	TAL EDI	MB
A:9251	LB 460-68827/1-A		460-69086		03/31/2011 13:06	1	TAL EDI	MB
A:9251	LB 460-68827/22-A		460-69086		03/31/2011 13:06	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-24277-1

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Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCS 460-68208/3		460-68208		03/23/2011 08:30	50	TAL EDI	SD
A:8260B	LCS 460-68358/3		460-68358		03/24/2011 09:50	50	TAL EDI	SD
A:8260B	LCS 460-68512/3		460-68512		03/25/2011 11:41	50	TAL EDI	SD
A:8260B	LCS 460-68548/3		460-68548		03/25/2011 20:32	1	TAL EDI	AT
A:8260B	LCS 460-68639/3		460-68639		03/28/2011 04:47	1	TAL EDI	AT
A:8260B	LCS 460-68728/3		460-68728		03/28/2011 18:34	1	TAL EDI	EM
A:8260B	LCS 460-68801/3		460-68801		03/29/2011 05:16	1	TAL EDI	AT
A:8260B	LCS 460-68934/3		460-68934		03/30/2011 10:38	50	TAL EDI	SD
A:8260B	LCS 460-69045/3		460-69045		03/31/2011 10:07	50	TAL EDI	SD
P:3541	LCS 460-68871/2-A		460-69222	460-68871	03/29/2011 22:23	1	TAL EDI	JH
A:8270C	LCS 460-68871/2-A		460-69222	460-68871	03/30/2011 01:09	1	TAL EDI	CZ
P:3541	LCS 460-68798/2-A		460-68940	460-68798	03/28/2011 22:00	1	TAL EDI	cm
A:8270C	LCS 460-68798/2-A		460-68940	460-68798	03/30/2011 04:24	1	TAL EDI	AAA
P:3541	LCS 460-69007/2-A		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	LCS 460-69007/2-A		460-69101	460-69007	03/31/2011 03:31	1	TAL EDI	AS
P:3541	LCS 460-68886/2-A		460-69122	460-68886	03/30/2011 03:55	1	TAL EDI	ARA
A:8082	LCS 460-68886/2-A		460-69122	460-68886	03/31/2011 10:58	1	TAL EDI	CBB
P:3541	LCS 460-68889/2-A		460-69158	460-68889	03/30/2011 04:35	1	TAL EDI	ARA
A:8082	LCS 460-68889/2-A		460-69158	460-68889	03/31/2011 14:49	1	TAL EDI	CBB
P:3541	LCS 460-69030/2-A		460-69334	460-69030	03/31/2011 09:06	1	TAL EDI	ARA
A:8082	LCS 460-69030/2-A		460-69334	460-69030	04/01/2011 11:00	1	TAL EDI	CBB
P:3546	LCS 460-68964/2-A		460-69393	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	LCS 460-68964/2-A		460-69393	460-68964	04/02/2011 07:24	1	TAL EDI	MY
P:3546	LCS 460-69044/2-A		460-69393	460-69044	03/31/2011 10:21	1	TAL EDI	hp
A:NJ-OQA-QAM-025	LCS 460-69044/2-A		460-69393	460-69044	04/03/2011 08:35	1	TAL EDI	MY
P:3546	LCS 460-68964/2-A		460-69502	460-68964	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	LCS 460-68964/2-A		460-69502	460-68964	04/05/2011 09:14	1	TAL EDI	MY
A:9251	LCS 460-68803/6		460-68803		03/29/2011 09:50	1	TAL EDI	MB
A:9251	LCS 460-68820/6		460-68820		03/29/2011 11:24	1	TAL EDI	MB
A:9251	LCS 460-69070/8		460-69070		03/31/2011 10:42	1	TAL EDI	MB
A:9251	LCS 460-69086/6		460-69086		03/31/2011 13:06	1	TAL EDI	MB

Lab ID: LCSD **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCSD 460-68548/4		460-68548		03/25/2011 21:13	1	TAL EDI	AT
A:8260B	LCSD 460-68639/4		460-68639		03/28/2011 05:12	1	TAL EDI	AT
A:8260B	LCSD 460-68728/4		460-68728		03/28/2011 18:59	1	TAL EDI	EM
A:8260B	LCSD 460-68801/4		460-68801		03/29/2011 06:18	1	TAL EDI	AT

Client: Antea USA, Inc. Job Number: 460-24277-1

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Lab ID: **MS** **Client ID:** **N/A**

Sample Date/Time: 03/17/2011 09:05 Received Date/Time: 03/17/2011 19:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24232-C-2-A MS		460-68208	460-67874	03/18/2011 21:21	200	TAL EDI	FJ
A:8260B	460-24232-C-2-A MS		460-68208	460-67874	03/23/2011 13:15	200	TAL EDI	SD
P:5035	460-24288-A-1-A MS		460-68358	460-67907	03/19/2011 17:28	50	TAL EDI	FJ
A:8260B	460-24288-A-1-A MS		460-68358	460-67907	03/24/2011 12:11	50	TAL EDI	SD
P:5035	460-24265-D-6-A MS		460-68934	460-67851	03/18/2011 18:31	50	TAL EDI	FJ
A:8260B	460-24265-D-6-A MS		460-68934	460-67851	03/30/2011 14:41	50	TAL EDI	SD
P:5035	460-24279-D-2-A MS		460-69045	460-67874	03/18/2011 21:18	100	TAL EDI	FJ
A:8260B	460-24279-D-2-A MS		460-69045	460-67874	03/31/2011 14:58	100	TAL EDI	SD
P:3541	460-24279-F-1-B MS		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24279-F-1-B MS		460-69101	460-69007	03/31/2011 06:46	1	TAL EDI	AS
P:3541	460-24337-A-13-A MS		460-69158	460-68889	03/30/2011 04:35	1	TAL EDI	ARA
A:8082	460-24337-A-13-A MS		460-69158	460-68889	03/31/2011 15:05	1	TAL EDI	CBB
P:3541	460-24281-A-31-A MS		460-69334	460-69030	03/31/2011 09:06	1	TAL EDI	ARA
A:8082	460-24281-A-31-A MS		460-69334	460-69030	04/01/2011 11:17	1	TAL EDI	CBB
A:9251	460-24280-A-10-A MS		460-68803		03/29/2011 10:13	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-24277-1

Laboratory Chronicle

Lab ID: MSD **Client ID:** N/A

Sample Date/Time: 03/17/2011 09:05 Received Date/Time: 03/17/2011 19:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24232-C-2-A MSD		460-68208	460-67874	03/18/2011 21:21	200	TAL EDI	FJ
A:8260B	460-24232-C-2-A MSD		460-68208	460-67874	03/23/2011 13:47	200	TAL EDI	SD
P:5035	460-24288-A-1-A MSD		460-68358	460-67907	03/19/2011 17:28	50	TAL EDI	FJ
A:8260B	460-24288-A-1-A MSD		460-68358	460-67907	03/24/2011 12:43	50	TAL EDI	SD
P:5035	460-24265-D-6-A MSD		460-68934	460-67851	03/18/2011 18:31	50	TAL EDI	FJ
A:8260B	460-24265-D-6-A MSD		460-68934	460-67851	03/30/2011 15:06	50	TAL EDI	SD
P:5035	460-24279-D-2-A MSD		460-69045	460-67874	03/18/2011 21:18	100	TAL EDI	FJ
A:8260B	460-24279-D-2-A MSD		460-69045	460-67874	03/31/2011 17:08	100	TAL EDI	SD
P:3541	460-24279-F-1-C MSD		460-69101	460-69007	03/30/2011 22:53	1	TAL EDI	JH
A:8270C	460-24279-F-1-C MSD		460-69101	460-69007	03/31/2011 07:08	1	TAL EDI	AS
P:3541	460-24337-A-13-B MSD		460-69158	460-68889	03/30/2011 04:35	1	TAL EDI	ARA
A:8082	460-24337-A-13-B MSD		460-69158	460-68889	03/31/2011 15:21	1	TAL EDI	CBB
P:3541	460-24281-A-31-B MSD		460-69334	460-69030	03/31/2011 09:06	1	TAL EDI	ARA
A:8082	460-24281-A-31-B MSD		460-69334	460-69030	04/01/2011 11:33	1	TAL EDI	CBB
A:9251	460-24280-A-10-A MSD		460-68803		03/29/2011 10:13	1	TAL EDI	MB

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
PMP-9-SIE (10.5-11)	460-24277-3	93	90	94
PMP-10-VD-E (3.5-4.0)	460-24277-7	97	91	95
PMP-10-ST1-E (15-15.5)	460-24277-9	94	92	95
PMP-10-ST2-E (23.5-24)	460-24277-10	93	90	94
PMP-13-VD-E (3.5-4)	460-24277-11	94	91	94
PMP-13-SI-E (15.5-16)	460-24277-13	96	91	94
PMP-16-VD-E (3.5-4.0)	460-24277-15	97	90	98
PMP-15VD-E (3.5-4)	460-24277-18	100	95	103
PMP-15-SI-E (15.5-16)	460-24277-20	91	89	95
PMP-15-SD-E (23.5-24.0)	460-24277-21	90	90	96
PMP-28-VD-E (3-5)	460-24277-22	97	88	101
PMP-28-SI2-E (15-17)	460-24277-25	95	90	94
PMP-17-SI-E (10.5-11.0)	460-24277-28	95	91	95
PMP-18-VD-E (3.5-4)	460-24277-29	99	90	97
PMP-18-WT-E (8-8.5)	460-24277-30	78	71	75
	MB 460-68548/5	88	91	95
	MB 460-68639/5	92	88	93
	MB 460-68728/5	92	88	93
	MB 460-68801/5	91	89	91
	LCS 460-68548/3	94	91	94
	LCS 460-68639/3	88	93	99
	LCS 460-68728/3	93	90	96
	LCS 460-68801/3	93	93	98
	LCSD 460-68548/4	91	93	98
	LCSD 460-68639/4	89	89	96
	LCSD 460-68728/4	74	72	77
	LCSD 460-68801/4	75	75	78

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
PMP-9-VD-E (3.5-4.0)	460-24277-1	100	84	104
PMP-9-WT-E (8-8.5)	460-24277-2	105	90	111
DUP-031711 (3.5-4)	460-24277-4	98	91	111
DUP-031711 (8-8.5)	460-24277-5	92	81	101
DUP-031711 (10.5-11)	460-24277-6	80	69	87
PMP-10-WT-E (7.5-8.0)	460-24277-8	106	93	114
PMP-13-WT-E (7.5-8.0)	460-24277-12	87	77	95
PMP-13-SD-E (23.5-24)	460-24277-14	72	81	107
PMP-16-WT-E (8.0-8.5)	460-24277-16	83	74	89
PMP-16-SI-E (10.5-11.0)	460-24277-17	92	83	104
PMP-15-WT-E (7.5-8)	460-24277-19	84	71	104
PMP-28-WT-E (8-8.5)	460-24277-23	95	86	110
PMP-28-SI1-E (11-13)	460-24277-24	99	85	121
PMP-17-VD-E (3.5-4)	460-24277-26	91	85	108
PMP-17-WT-E (8-8.5)	460-24277-27	91	82	110
PMP-18-SI-E (10.5-11)	460-24277-31	80	71	84
	MB 460-68208/4	97	90	98
	MB 460-68358/4	112	102	116
	MB 460-68512/4	117	107	119
	MB 460-68934/4	71	81	110
	MB 460-69045/4	113	99	107
	LCS 460-68208/3	105	94	102
	LCS 460-68358/3	104	98	104
	LCS 460-68512/3	101	93	102
	LCS 460-68934/3	79	91	120
	LCS 460-69045/3	124	110	116
PMP-18-SI-E (10.5-11) MS	460-24277-31 MS	87	77	91
	460-24265-D-6-A MS	70	80	106

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = Bromofluorobenzene	50-124

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
	460-24279-D-2-A MS	89	67	96
	460-24232-C-2-A MS	88	70	91
	460-24288-A-1-A MS	103	92	104
PMP-18-SI-E (10.5-11) MSD	460-24277-31 MSD	85	73	90
	460-24265-D-6-A MSD	70	84	111
	460-24279-D-2-A MSD	90	72	113
	460-24232-C-2-A MSD	96	74	99
	460-24288-A-1-A MSD	110	92	106

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = Bromofluorobenzene	50-124

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98567.d

Lab ID: LCS 460-68208/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	1310	66	52-144	
Bromomethane	2000	1890	95	58-154	
Vinyl chloride	2000	1280	64	55-154	
Chloroethane	2000	1800	90	66-144	
Methylene Chloride	2000	1720	86	78-118	
Acetone	2000	1870	93	48-177	
Carbon disulfide	2000	1500	75	70-120	
Trichlorofluoromethane	2000	1220	61	60-148	
1,1-Dichloroethene	2000	1530	76	68-138	
1,1-Dichloroethane	2000	1930	96	79-119	
trans-1,2-Dichloroethene	2000	1700	85	73-119	
cis-1,2-Dichloroethene	2000	1780	89	78-118	
Chloroform	2000	1890	94	81-122	
2-Butanone	2000	1620	81	70-139	
1,2-Dichloroethane	2000	2050	102	81-121	
1,1,1-Trichloroethane	2000	1820	91	78-118	
Carbon tetrachloride	2000	1680	84	64-130	
Benzene	2000	1780	89	71-118	
Bromoform	2000	1880	94	76-133	
Styrene	2000	1840	92	73-126	
Ethylbenzene	2000	1970	98	78-124	
Chlorobenzene	2000	1860	93	69-124	
Cyclohexane	2000	1600	80	69-128	
Isopropylbenzene	2000	2030	101	80-143	
2-Hexanone	2000	1680	84	62-123	
MTBE	2000	1800	90	65-143	
Freon TF	2000	1880	94	50-128	
Methyl acetate	2000	1480	74	72-165	
1,4-Dioxane	15000	12800	85	54-147	
Trichloroethene	2000	1810	90	82-122	
Toluene	2000	1850	93	79-136	
trans-1,3-Dichloropropene	2000	1810	91	73-118	
4-Methyl-2-pentanone	2000	1740	87	69-124	
cis-1,3-Dichloropropene	2000	1830	91	75-120	
1,2-Dichlorobenzene	2000	1850	92	83-123	
1,3-Dichlorobenzene	2000	1880	94	83-123	
1,4-Dichlorobenzene	2000	1870	94	84-124	
1,2,4-Trichlorobenzene	2000	1990	99	62-144	
1,2,3-Trichlorobenzene	2000	2300	115	36-207	
1,2-Dichloropropane	2000	1910	95	78-118	
Methylcyclohexane	2000	1650	83	80-134	
Tetrachloroethene	2000	1850	92	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98567.d

Lab ID: LCS 460-68208/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	6000	5460	91	78-126	
1,2-Dibromo-3-Chloropropane	2000	1710	86	62-127	
1,1,2,2-Tetrachloroethane	2000	1860	93	86-145	
1,1,2-Trichloroethane	2000	1840	92	77-120	
Dibromochloromethane	2000	1860	93	78-118	
1,2-Dibromoethane	2000	1820	91	76-120	
Dichlorodifluoromethane	2000	843	42	41-149	
Bromochloromethane	2000	1840	92	81-121	
Bromodichloromethane	2000	1880	94	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98617.d

Lab ID: LCS 460-68358/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	2170	108	52-144	
Bromomethane	2000	2520	126	58-154	
Vinyl chloride	2000	2170	108	55-154	
Chloroethane	2000	2390	120	66-144	
Methylene Chloride	2000	1770	88	78-118	
Acetone	2000	1570	78	48-177	
Carbon disulfide	2000	1630	81	70-120	
Trichlorofluoromethane	2000	2240	112	60-148	
1,1-Dichloroethene	2000	1740	87	68-138	
1,1-Dichloroethane	2000	1960	98	79-119	
trans-1,2-Dichloroethene	2000	1750	88	73-119	
cis-1,2-Dichloroethene	2000	1860	93	78-118	
Chloroform	2000	1950	97	81-122	
2-Butanone	2000	1720	86	70-139	
1,2-Dichloroethane	2000	2050	102	81-121	
1,1,1-Trichloroethane	2000	1950	97	78-118	
Carbon tetrachloride	2000	1780	89	64-130	
Benzene	2000	1910	95	71-118	
Bromoform	2000	1840	92	76-133	
Styrene	2000	1870	93	73-126	
Ethylbenzene	2000	2010	100	78-124	
Chlorobenzene	2000	1880	94	69-124	
Cyclohexane	2000	1810	91	69-128	
Isopropylbenzene	2000	2040	102	80-143	
2-Hexanone	2000	1600	80	62-123	
MTBE	2000	1890	95	65-143	
Freon TF	2000	2160	108	50-128	
Methyl acetate	2000	1840	92	72-165	
1,4-Dioxane	15000	10800	72	54-147	
Trichloroethene	2000	1900	95	82-122	
Toluene	2000	1840	92	79-136	
trans-1,3-Dichloropropene	2000	1820	91	73-118	
4-Methyl-2-pentanone	2000	1750	88	69-124	
cis-1,3-Dichloropropene	2000	1840	92	75-120	
1,2-Dichlorobenzene	2000	1880	94	83-123	
1,3-Dichlorobenzene	2000	1950	98	83-123	
1,4-Dichlorobenzene	2000	1850	93	84-124	
1,2,4-Trichlorobenzene	2000	1860	93	62-144	
1,2,3-Trichlorobenzene	2000	2030	101	36-207	
1,2-Dichloropropane	2000	1970	98	78-118	
Methylcyclohexane	2000	1770	89	80-134	
Tetrachloroethene	2000	1920	96	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98617.d

Lab ID: LCS 460-68358/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	6000	5760	96	78-126	
1,2-Dibromo-3-Chloropropane	2000	1530	77	62-127	
1,1,2,2-Tetrachloroethane	2000	1880	94	86-145	
1,1,2-Trichloroethane	2000	1950	97	77-120	
Dibromochloromethane	2000	1810	90	78-118	
1,2-Dibromoethane	2000	1830	92	76-120	
Dichlorodifluoromethane	2000	2050	103	41-149	
Bromochloromethane	2000	1880	94	81-121	
Bromodichloromethane	2000	1930	96	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98661.d

Lab ID: LCS 460-68512/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	1670	84	52-144	
Bromomethane	2000	2320	116	58-154	
Vinyl chloride	2000	2030	102	55-154	
Chloroethane	2000	2360	118	66-144	
Methylene Chloride	2000	1790	90	78-118	
Acetone	2000	1750	88	48-177	
Carbon disulfide	2000	1790	90	70-120	
Trichlorofluoromethane	2000	2030	101	60-148	
1,1-Dichloroethene	2000	1870	93	68-138	
1,1-Dichloroethane	2000	2050	102	79-119	
trans-1,2-Dichloroethene	2000	1900	95	73-119	
cis-1,2-Dichloroethene	2000	1880	94	78-118	
Chloroform	2000	2040	102	81-122	
2-Butanone	2000	1870	94	70-139	
1,2-Dichloroethane	2000	2090	105	81-121	
1,1,1-Trichloroethane	2000	1980	99	78-118	
Carbon tetrachloride	2000	1820	91	64-130	
Benzene	2000	1900	95	71-118	
Bromoform	2000	1790	89	76-133	
Styrene	2000	1820	91	73-126	
Ethylbenzene	2000	1840	92	78-124	
Chlorobenzene	2000	1910	96	69-124	
Cyclohexane	2000	1880	94	69-128	
Isopropylbenzene	2000	2010	100	80-143	
2-Hexanone	2000	1690	84	62-123	
MTBE	2000	1890	94	65-143	
Freon TF	2000	2280	114	50-128	
Methyl acetate	2000	1620	81	72-165	
1,4-Dioxane	15000	11600	77	54-147	
Trichloroethene	2000	1900	95	82-122	
Toluene	2000	1840	92	79-136	
trans-1,3-Dichloropropene	2000	1860	93	73-118	
4-Methyl-2-pentanone	2000	1760	88	69-124	
cis-1,3-Dichloropropene	2000	1840	92	75-120	
1,2-Dichlorobenzene	2000	1910	96	83-123	
1,3-Dichlorobenzene	2000	2010	101	83-123	
1,4-Dichlorobenzene	2000	1920	96	84-124	
1,2,4-Trichlorobenzene	2000	2210	111	62-144	
1,2,3-Trichlorobenzene	2000	2410	120	36-207	
1,2-Dichloropropane	2000	2030	101	78-118	
Methylcyclohexane	2000	1810	90	80-134	
Tetrachloroethene	2000	1890	95	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98661.d

Lab ID: LCS 460-68512/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	6000	5520	92	78-126	
1,2-Dibromo-3-Chloropropane	2000	1790	89	62-127	
1,1,2,2-Tetrachloroethane	2000	1890	94	86-145	
1,1,2-Trichloroethane	2000	1830	92	77-120	
Dibromochloromethane	2000	1830	92	78-118	
1,2-Dibromoethane	2000	1760	88	76-120	
Dichlorodifluoromethane	2000	1880	94	41-149	
Bromochloromethane	2000	1900	95	81-121	
Bromodichloromethane	2000	1980	99	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46645.d

Lab ID: LCS 460-68548/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	19.9	99	50-151	
Bromomethane	20.0	22.7	114	54-142	
Vinyl chloride	20.0	22.8	114	67-133	
Chloroethane	20.0	25.2	126	56-146	
Methylene Chloride	20.0	20.7	104	74-137	
Acetone	20.0	29.2	146	27-164	
Carbon disulfide	20.0	19.9	99	72-128	
Trichlorofluoromethane	20.0	22.7	113	61-139	
1,1-Dichloroethene	20.0	21.3	107	71-126	
1,1-Dichloroethane	20.0	20.2	101	76-125	
trans-1,2-Dichloroethene	20.0	20.3	101	75-122	
cis-1,2-Dichloroethene	20.0	20.1	100	80-120	
Chloroform	20.0	20.0	100	77-120	
2-Butanone	20.0	21.3	107	77-117	
1,2-Dichloroethane	20.0	19.0	95	76-118	
1,1,1-Trichloroethane	20.0	20.3	101	78-117	
Carbon tetrachloride	20.0	21.3	106	79-118	
Benzene	20.0	19.7	99	77-117	
Bromoform	20.0	16.5	82	59-125	
Styrene	20.0	19.3	97	82-122	
Ethylbenzene	20.0	19.8	99	81-121	
Chlorobenzene	20.0	19.7	98	80-120	
Cyclohexane	20.0	19.1	96	80-121	
Isopropylbenzene	20.0	22.2	111	65-129	
2-Hexanone	20.0	19.3	96	70-122	
MTBE	20.0	20.1	101	78-120	
Freon TF	20.0	24.1	120	73-123	
Methyl acetate	20.0	18.6	93	73-137	
1,4-Dioxane	150	161	107	69-131	
Trichloroethene	20.0	20.2	101	79-119	
Toluene	20.0	19.4	97	75-115	
trans-1,3-Dichloropropene	20.0	18.1	91	67-121	
4-Methyl-2-pentanone	20.0	19.9	99	68-120	
cis-1,3-Dichloropropene	20.0	19.1	95	80-123	
1,2-Dichlorobenzene	20.0	19.5	98	80-120	
1,3-Dichlorobenzene	20.0	19.1	96	80-120	
1,4-Dichlorobenzene	20.0	19.7	98	80-120	
1,2,4-Trichlorobenzene	20.0	20.5	103	80-120	
1,2,3-Trichlorobenzene	20.0	20.3	101	75-121	
1,2-Dichloropropane	20.0	19.7	98	82-122	
Methylcyclohexane	20.0	19.3	97	78-118	
Tetrachloroethene	20.0	21.5	107	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46645.d

Lab ID: LCS 460-68548/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	59.1	99	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.8	89	74-118	
1,1,2,2-Tetrachloroethane	20.0	16.7	83	79-122	
1,1,2-Trichloroethane	20.0	19.4	97	73-118	
Dibromochloromethane	20.0	19.4	97	68-120	
1,2-Dibromoethane	20.0	19.6	98	75-117	
Dichlorodifluoromethane	20.0	22.6	113	52-144	
Bromochloromethane	20.0	19.9	100	74-125	
Bromodichloromethane	20.0	19.7	98	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46669.d

Lab ID: LCS 460-68639/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.3	82	50-151	
Bromomethane	20.0	22.6	113	54-142	
Vinyl chloride	20.0	18.4	92	67-133	
Chloroethane	20.0	22.4	112	56-146	
Methylene Chloride	20.0	19.1	95	74-137	
Acetone	20.0	24.9	125	27-164	
Carbon disulfide	20.0	19.5	97	72-128	
Trichlorofluoromethane	20.0	22.5	113	61-139	
1,1-Dichloroethene	20.0	20.7	103	71-126	
1,1-Dichloroethane	20.0	19.8	99	76-125	
trans-1,2-Dichloroethene	20.0	20.6	103	75-122	
cis-1,2-Dichloroethene	20.0	20.0	100	80-120	
Chloroform	20.0	19.9	100	77-120	
2-Butanone	20.0	21.2	106	77-117	
1,2-Dichloroethane	20.0	18.5	92	76-118	
1,1,1-Trichloroethane	20.0	21.9	109	78-117	
Carbon tetrachloride	20.0	22.5	113	79-118	
Benzene	20.0	19.8	99	77-117	
Bromoform	20.0	16.3	81	59-125	
Styrene	20.0	19.7	99	82-122	
Ethylbenzene	20.0	20.7	103	81-121	
Chlorobenzene	20.0	20.1	100	80-120	
Cyclohexane	20.0	18.5	92	80-121	
Isopropylbenzene	20.0	21.2	106	65-129	
2-Hexanone	20.0	18.4	92	70-122	
MTBE	20.0	20.1	101	78-120	
Freon TF	20.0	24.0	120	73-123	
Methyl acetate	20.0	21.3	106	73-137	
1,4-Dioxane	150	153	102	69-131	
Trichloroethene	20.0	20.4	102	79-119	
Toluene	20.0	19.9	99	75-115	
trans-1,3-Dichloropropene	20.0	18.7	94	67-121	
4-Methyl-2-pentanone	20.0	18.6	93	68-120	
cis-1,3-Dichloropropene	20.0	19.3	97	80-123	
1,2-Dichlorobenzene	20.0	20.0	100	80-120	
1,3-Dichlorobenzene	20.0	19.8	99	80-120	
1,4-Dichlorobenzene	20.0	19.7	98	80-120	
1,2,4-Trichlorobenzene	20.0	20.3	102	80-120	
1,2,3-Trichlorobenzene	20.0	20.0	100	75-121	
1,2-Dichloropropane	20.0	19.1	95	82-122	
Methylcyclohexane	20.0	19.7	99	78-118	
Tetrachloroethene	20.0	22.5	112	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46669.d

Lab ID: LCS 460-68639/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	62.0	103	82-122	
1,2-Dibromo-3-Chloropropane	20.0	15.9	79	74-118	
1,1,2,2-Tetrachloroethane	20.0	16.6	83	79-122	
1,1,2-Trichloroethane	20.0	18.0	90	73-118	
Dibromochloromethane	20.0	20.2	101	68-120	
1,2-Dibromoethane	20.0	19.7	99	75-117	
Dichlorodifluoromethane	20.0	18.1	90	52-144	
Bromochloromethane	20.0	20.1	101	74-125	
Bromodichloromethane	20.0	19.8	99	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46699.d

Lab ID: LCS 460-68728/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.5	88	50-151	
Bromomethane	20.0	23.4	117	54-142	
Vinyl chloride	20.0	18.0	90	67-133	
Chloroethane	20.0	21.7	108	56-146	
Methylene Chloride	20.0	19.6	98	74-137	
Acetone	20.0	26.8	134	27-164	
Carbon disulfide	20.0	17.4	87	72-128	
Trichlorofluoromethane	20.0	17.3	86	61-139	
1,1-Dichloroethene	20.0	18.9	94	71-126	
1,1-Dichloroethane	20.0	18.7	93	76-125	
trans-1,2-Dichloroethene	20.0	18.9	95	75-122	
cis-1,2-Dichloroethene	20.0	19.1	95	80-120	
Chloroform	20.0	19.2	96	77-120	
2-Butanone	20.0	22.1	110	77-117	
1,2-Dichloroethane	20.0	19.2	96	76-118	
1,1,1-Trichloroethane	20.0	18.2	91	78-117	
Carbon tetrachloride	20.0	18.4	92	79-118	
Benzene	20.0	18.9	95	77-117	
Bromoform	20.0	17.1	85	59-125	
Styrene	20.0	18.9	94	82-122	
Ethylbenzene	20.0	18.9	94	81-121	
Chlorobenzene	20.0	19.2	96	80-120	
Cyclohexane	20.0	16.1	80	80-121	
Isopropylbenzene	20.0	20.6	103	65-129	
2-Hexanone	20.0	21.3	107	70-122	
MTBE	20.0	20.4	102	78-120	
Freon TF	20.0	19.7	99	73-123	
Methyl acetate	20.0	20.9	105	73-137	
1,4-Dioxane	150	170	114	69-131	
Trichloroethene	20.0	18.6	93	79-119	
Toluene	20.0	18.3	92	75-115	
trans-1,3-Dichloropropene	20.0	18.6	93	67-121	
4-Methyl-2-pentanone	20.0	21.9	109	68-120	
cis-1,3-Dichloropropene	20.0	18.9	94	80-123	
1,2-Dichlorobenzene	20.0	19.2	96	80-120	
1,3-Dichlorobenzene	20.0	18.9	94	80-120	
1,4-Dichlorobenzene	20.0	19.3	96	80-120	
1,2,4-Trichlorobenzene	20.0	20.4	102	80-120	
1,2,3-Trichlorobenzene	20.0	19.9	100	75-121	
1,2-Dichloropropane	20.0	19.4	97	82-122	
Methylcyclohexane	20.0	16.2	81	78-118	
Tetrachloroethene	20.0	19.6	98	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46699.d

Lab ID: LCS 460-68728/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	56.5	94	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.5	92	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.7	88	79-122	
1,1,2-Trichloroethane	20.0	19.6	98	73-118	
Dibromochloromethane	20.0	19.9	99	68-120	
1,2-Dibromoethane	20.0	19.9	99	75-117	
Dichlorodifluoromethane	20.0	16.5	82	52-144	
Bromochloromethane	20.0	20.0	100	74-125	
Bromodichloromethane	20.0	19.6	98	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46723.d

Lab ID: LCS 460-68801/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	15.6	78	50-151	
Bromomethane	20.0	22.3	112	54-142	
Vinyl chloride	20.0	17.3	86	67-133	
Chloroethane	20.0	22.8	114	56-146	
Methylene Chloride	20.0	20.6	103	74-137	
Acetone	20.0	29.9	149	27-164	
Carbon disulfide	20.0	18.8	94	72-128	
Trichlorofluoromethane	20.0	22.8	114	61-139	
1,1-Dichloroethene	20.0	20.7	104	71-126	
1,1-Dichloroethane	20.0	20.7	103	76-125	
trans-1,2-Dichloroethene	20.0	21.1	106	75-122	
cis-1,2-Dichloroethene	20.0	20.7	104	80-120	
Chloroform	20.0	20.3	101	77-120	
2-Butanone	20.0	21.3	107	77-117	
1,2-Dichloroethane	20.0	19.7	98	76-118	
1,1,1-Trichloroethane	20.0	21.3	106	78-117	
Carbon tetrachloride	20.0	21.9	109	79-118	
Benzene	20.0	20.3	101	77-117	
Bromoform	20.0	16.9	84	59-125	
Styrene	20.0	20.6	103	82-122	
Ethylbenzene	20.0	20.9	105	81-121	
Chlorobenzene	20.0	20.9	105	80-120	
Cyclohexane	20.0	18.1	91	80-121	
Isopropylbenzene	20.0	21.5	108	65-129	
2-Hexanone	20.0	18.1	91	70-122	
MTBE	20.0	19.9	99	78-120	
Freon TF	20.0	22.5	113	73-123	
Methyl acetate	20.0	22.5	112	73-137	
1,4-Dioxane	150	157	105	69-131	
Trichloroethene	20.0	20.7	103	79-119	
Toluene	20.0	20.3	102	75-115	
trans-1,3-Dichloropropene	20.0	19.2	96	67-121	
4-Methyl-2-pentanone	20.0	18.4	92	68-120	
cis-1,3-Dichloropropene	20.0	20.3	102	80-123	
1,2-Dichlorobenzene	20.0	20.6	103	80-120	
1,3-Dichlorobenzene	20.0	20.2	101	80-120	
1,4-Dichlorobenzene	20.0	20.6	103	80-120	
1,2,4-Trichlorobenzene	20.0	20.9	104	80-120	
1,2,3-Trichlorobenzene	20.0	21.0	105	75-121	
1,2-Dichloropropane	20.0	20.0	100	82-122	
Methylcyclohexane	20.0	18.8	94	78-118	
Tetrachloroethene	20.0	22.2	111	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46723.d

Lab ID: LCS 460-68801/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	62.7	105	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.5	88	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.8	89	79-122	
1,1,2-Trichloroethane	20.0	20.8	104	73-118	
Dibromochloromethane	20.0	20.3	102	68-120	
1,2-Dibromoethane	20.0	21.1	106	75-117	
Dichlorodifluoromethane	20.0	17.1	86	52-144	
Bromochloromethane	20.0	21.2	106	74-125	
Bromodichloromethane	20.0	20.9	104	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45575.d

Lab ID: LCS 460-68934/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	1720	86	52-144	
Bromomethane	2000	1840	92	58-154	
Vinyl chloride	2000	1690	85	55-154	
Chloroethane	2000	1900	95	66-144	
Methylene Chloride	2000	2060	103	78-118	
Acetone	2000	2410	121	48-177	
Carbon disulfide	2000	1670	84	70-120	
Trichlorofluoromethane	2000	1120	56	60-148	*
1,1-Dichloroethene	2000	2130	106	68-138	
1,1-Dichloroethane	2000	2020	101	79-119	
trans-1,2-Dichloroethene	2000	2180	109	73-119	
cis-1,2-Dichloroethene	2000	2090	105	78-118	
Chloroform	2000	2100	105	81-122	
2-Butanone	2000	1540	77	70-139	
1,2-Dichloroethane	2000	1940	97	81-121	
1,1,1-Trichloroethane	2000	2130	106	78-118	
Carbon tetrachloride	2000	2220	111	64-130	
Benzene	2000	2040	102	71-118	
Bromoform	2000	2120	106	76-133	
Styrene	2000	1870	93	73-126	
Ethylbenzene	2000	2080	104	78-124	
Chlorobenzene	2000	2080	104	69-124	
Cyclohexane	2000	1840	92	69-128	
Isopropylbenzene	2000	2300	115	80-143	
2-Hexanone	2000	1970	98	62-123	
MTBE	2000	2030	101	65-143	
Freon TF	2000	2020	101	50-128	
Methyl acetate	2000	1660	83	72-165	
1,4-Dioxane	15000	13400	89	54-147	
Trichloroethene	2000	2020	101	82-122	
Toluene	2000	2020	101	79-136	
trans-1,3-Dichloropropene	2000	1950	97	73-118	
4-Methyl-2-pentanone	2000	1530	77	69-124	
cis-1,3-Dichloropropene	2000	1830	91	75-120	
1,2-Dichlorobenzene	2000	2120	106	83-123	
1,3-Dichlorobenzene	2000	2080	104	83-123	
1,4-Dichlorobenzene	2000	2070	103	84-124	
1,2,4-Trichlorobenzene	2000	2130	107	62-144	
1,2,3-Trichlorobenzene	2000	2300	115	36-207	
1,2-Dichloropropane	2000	1950	98	78-118	
Methylcyclohexane	2000	2030	102	80-134	
Tetrachloroethene	2000	2230	112	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45575.d

Lab ID: LCS 460-68934/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	6000	6040	101	78-126	
1,2-Dibromo-3-Chloropropane	2000	1850	93	62-127	
1,1,2,2-Tetrachloroethane	2000	1820	91	86-145	
1,1,2-Trichloroethane	2000	1960	98	77-120	
Dibromochloromethane	2000	2030	102	78-118	
1,2-Dibromoethane	2000	2020	101	76-120	
Dichlorodifluoromethane	2000	1110	55	41-149	
Bromochloromethane	2000	2270	113	81-121	
Bromodichloromethane	2000	2040	102	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98779.d

Lab ID: LCS 460-69045/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	2200	110	52-144	
Bromomethane	2000	2240	112	58-154	
Vinyl chloride	2000	2230	111	55-154	
Chloroethane	2000	2220	111	66-144	
Methylene Chloride	2000	1960	98	78-118	
Acetone	2000	1790	89	48-177	
Carbon disulfide	2000	1900	95	70-120	
Trichlorofluoromethane	2000	2290	114	60-148	
1,1-Dichloroethene	2000	2020	101	68-138	
1,1-Dichloroethane	2000	2080	104	79-119	
trans-1,2-Dichloroethene	2000	1900	95	73-119	
cis-1,2-Dichloroethene	2000	1980	99	78-118	
Chloroform	2000	2030	102	81-122	
2-Butanone	2000	1680	84	70-139	
1,2-Dichloroethane	2000	2250	113	81-121	
1,1,1-Trichloroethane	2000	2040	102	78-118	
Carbon tetrachloride	2000	1860	93	64-130	
Benzene	2000	1970	99	71-118	
Bromoform	2000	1940	97	76-133	
Styrene	2000	1910	95	73-126	
Ethylbenzene	2000	2020	101	78-124	
Chlorobenzene	2000	2000	100	69-124	
Cyclohexane	2000	1950	98	69-128	
Isopropylbenzene	2000	2060	103	80-143	
2-Hexanone	2000	1710	86	62-123	
MTBE	2000	1920	96	65-143	
Freon TF	2000	2320	116	50-128	
Methyl acetate	2000	1640	82	72-165	
1,4-Dioxane	15000	12800	86	54-147	
Trichloroethene	2000	1990	100	82-122	
Toluene	2000	1940	97	79-136	
trans-1,3-Dichloropropene	2000	1900	95	73-118	
4-Methyl-2-pentanone	2000	1790	89	69-124	
cis-1,3-Dichloropropene	2000	1940	97	75-120	
1,2-Dichlorobenzene	2000	2040	102	83-123	
1,3-Dichlorobenzene	2000	2040	102	83-123	
1,4-Dichlorobenzene	2000	2040	102	84-124	
1,2,4-Trichlorobenzene	2000	2210	111	62-144	
1,2,3-Trichlorobenzene	2000	2630	132	36-207	
1,2-Dichloropropane	2000	2080	104	78-118	
Methylcyclohexane	2000	1940	97	80-134	
Tetrachloroethene	2000	2030	102	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98779.d

Lab ID: LCS 460-69045/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	6000	5880	98	78-126	
1,2-Dibromo-3-Chloropropane	2000	1920	96	62-127	
1,1,2,2-Tetrachloroethane	2000	2160	108	86-145	
1,1,2-Trichloroethane	2000	1980	99	77-120	
Dibromochloromethane	2000	1920	96	78-118	
1,2-Dibromoethane	2000	1920	96	76-120	
Dichlorodifluoromethane	2000	2150	108	41-149	
Bromochloromethane	2000	2000	100	81-121	
Bromodichloromethane	2000	2040	102	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46646.d

Lab ID: LCSD 460-68548/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	18.0	90	10	30	50-151	
Bromomethane	20.0	26.3	132	15	30	54-142	
Vinyl chloride	20.0	20.9	104	9	30	67-133	
Chloroethane	20.0	23.8	119	6	30	56-146	
Methylene Chloride	20.0	20.5	103	1	30	74-137	
Acetone	20.0	27.2	136	7	30	27-164	
Carbon disulfide	20.0	20.1	101	1	30	72-128	
Trichlorofluoromethane	20.0	22.3	112	2	30	61-139	
1,1-Dichloroethene	20.0	21.6	108	2	30	71-126	
1,1-Dichloroethane	20.0	20.2	101	0	30	76-125	
trans-1,2-Dichloroethene	20.0	20.8	104	3	30	75-122	
cis-1,2-Dichloroethene	20.0	20.2	101	1	30	80-120	
Chloroform	20.0	20.2	101	1	30	77-120	
2-Butanone	20.0	19.8	99	8	30	77-117	
1,2-Dichloroethane	20.0	19.0	95	0	30	76-118	
1,1,1-Trichloroethane	20.0	20.7	104	2	30	78-117	
Carbon tetrachloride	20.0	21.3	107	0	30	79-118	
Benzene	20.0	19.9	100	1	30	77-117	
Bromoform	20.0	16.7	84	2	30	59-125	
Styrene	20.0	19.5	98	1	30	82-122	
Ethylbenzene	20.0	20.5	103	4	30	81-121	
Chlorobenzene	20.0	20.3	102	3	30	80-120	
Cyclohexane	20.0	19.2	96	0	30	80-121	
Isopropylbenzene	20.0	22.4	112	1	30	65-129	
2-Hexanone	20.0	18.9	94	2	30	70-122	
MTBE	20.0	20.3	101	1	30	78-120	
Freon TF	20.0	24.6	123	2	30	73-123	
Methyl acetate	20.0	18.1	91	3	30	73-137	
1,4-Dioxane	150	168	112	5	30	69-131	
Trichloroethene	20.0	20.5	102	2	30	79-119	
Toluene	20.0	19.9	100	3	30	75-115	
trans-1,3-Dichloropropene	20.0	18.9	94	4	30	67-121	
4-Methyl-2-pentanone	20.0	19.2	96	3	30	68-120	
cis-1,3-Dichloropropene	20.0	19.4	97	2	30	80-123	
1,2-Dichlorobenzene	20.0	20.1	101	3	30	80-120	
1,3-Dichlorobenzene	20.0	20.1	101	5	30	80-120	
1,4-Dichlorobenzene	20.0	20.6	103	4	30	80-120	
1,2,4-Trichlorobenzene	20.0	21.4	107	4	30	80-120	
1,2,3-Trichlorobenzene	20.0	20.5	103	1	30	75-121	
1,2-Dichloropropane	20.0	19.8	99	1	30	82-122	
Methylcyclohexane	20.0	19.4	97	0	30	78-118	
Tetrachloroethene	20.0	21.7	109	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46646.d

Lab ID: LCSD 460-68548/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	60.5	101	2	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	16.2	81	9	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.9	90	7	30	79-122	
1,1,2-Trichloroethane	20.0	19.5	98	1	30	73-118	
Dibromochloromethane	20.0	20.1	101	4	30	68-120	
1,2-Dibromoethane	20.0	19.9	99	2	30	75-117	
Dichlorodifluoromethane	20.0	20.9	105	7	30	52-144	
Bromochloromethane	20.0	20.1	100	1	30	74-125	
Bromodichloromethane	20.0	20.2	101	3	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46670.d

Lab ID: LCSD 460-68639/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	18.2	91	11	30	50-151	
Bromomethane	20.0	26.4	132	16	30	54-142	
Vinyl chloride	20.0	21.6	108	16	30	67-133	
Chloroethane	20.0	24.5	123	9	30	56-146	
Methylene Chloride	20.0	19.8	99	4	30	74-137	
Acetone	20.0	26.5	133	6	30	27-164	
Carbon disulfide	20.0	20.1	100	3	30	72-128	
Trichlorofluoromethane	20.0	24.5	122	8	30	61-139	
1,1-Dichloroethene	20.0	22.1	110	7	30	71-126	
1,1-Dichloroethane	20.0	20.2	101	2	30	76-125	
trans-1,2-Dichloroethene	20.0	21.0	105	2	30	75-122	
cis-1,2-Dichloroethene	20.0	20.5	103	3	30	80-120	
Chloroform	20.0	20.4	102	2	30	77-120	
2-Butanone	20.0	21.2	106	0	30	77-117	
1,2-Dichloroethane	20.0	18.9	95	2	30	76-118	
1,1,1-Trichloroethane	20.0	21.6	108	1	30	78-117	
Carbon tetrachloride	20.0	22.6	113	0	30	79-118	
Benzene	20.0	20.1	101	2	30	77-117	
Bromoform	20.0	16.9	84	3	30	59-125	
Styrene	20.0	19.2	96	3	30	82-122	
Ethylbenzene	20.0	20.5	102	1	30	81-121	
Chlorobenzene	20.0	20.0	100	1	30	80-120	
Cyclohexane	20.0	19.5	97	5	30	80-121	
Isopropylbenzene	20.0	22.8	114	7	30	65-129	
2-Hexanone	20.0	18.2	91	1	30	70-122	
MTBE	20.0	19.9	99	1	30	78-120	
Freon TF	20.0	23.8	119	1	30	73-123	
Methyl acetate	20.0	18.7	93	13	30	73-137	
1,4-Dioxane	150	138	92	10	30	69-131	
Trichloroethene	20.0	20.3	101	0	30	79-119	
Toluene	20.0	20.1	100	1	30	75-115	
trans-1,3-Dichloropropene	20.0	18.3	92	2	30	67-121	
4-Methyl-2-pentanone	20.0	19.0	95	2	30	68-120	
cis-1,3-Dichloropropene	20.0	19.1	96	1	30	80-123	
1,2-Dichlorobenzene	20.0	19.5	97	3	30	80-120	
1,3-Dichlorobenzene	20.0	19.3	97	2	30	80-120	
1,4-Dichlorobenzene	20.0	19.8	99	1	30	80-120	
1,2,4-Trichlorobenzene	20.0	20.3	102	0	30	80-120	
1,2,3-Trichlorobenzene	20.0	19.7	98	2	30	75-121	
1,2-Dichloropropane	20.0	19.1	96	0	30	82-122	
Methylcyclohexane	20.0	19.6	98	0	30	78-118	
Tetrachloroethene	20.0	22.6	113	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46670.d

Lab ID: LCSD 460-68639/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	60.4	101	3	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	15.7	78	1	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.3	87	5	30	79-122	
1,1,2-Trichloroethane	20.0	19.6	98	8	30	73-118	
Dibromochloromethane	20.0	20.1	100	1	30	68-120	
1,2-Dibromoethane	20.0	19.5	97	1	30	75-117	
Dichlorodifluoromethane	20.0	21.9	110	19	30	52-144	
Bromochloromethane	20.0	20.4	102	1	30	74-125	
Bromodichloromethane	20.0	20.7	104	4	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46700.d

Lab ID: LCSD 460-68728/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	17.8	89	2	30	50-151	
Bromomethane	20.0	22.8	114	2	30	54-142	
Vinyl chloride	20.0	18.7	93	4	30	67-133	
Chloroethane	20.0	21.8	109	1	30	56-146	
Methylene Chloride	20.0	20.1	101	3	30	74-137	
Acetone	20.0	32.2	161	18	30	27-164	
Carbon disulfide	20.0	17.7	89	2	30	72-128	
Trichlorofluoromethane	20.0	18.1	91	5	30	61-139	
1,1-Dichloroethene	20.0	18.8	94	0	30	71-126	
1,1-Dichloroethane	20.0	19.0	95	2	30	76-125	
trans-1,2-Dichloroethene	20.0	19.2	96	1	30	75-122	
cis-1,2-Dichloroethene	20.0	19.8	99	4	30	80-120	
Chloroform	20.0	19.7	98	3	30	77-120	
2-Butanone	20.0	23.1	116	5	30	77-117	
1,2-Dichloroethane	20.0	19.4	97	1	30	76-118	
1,1,1-Trichloroethane	20.0	18.5	92	2	30	78-117	
Carbon tetrachloride	20.0	19.2	96	4	30	79-118	
Benzene	20.0	19.1	95	1	30	77-117	
Bromoform	20.0	17.8	89	4	30	59-125	
Styrene	20.0	19.1	96	1	30	82-122	
Ethylbenzene	20.0	19.3	96	2	30	81-121	
Chlorobenzene	20.0	19.7	98	3	30	80-120	
Cyclohexane	20.0	16.4	82	2	30	80-121	
Isopropylbenzene	20.0	21.0	105	2	30	65-129	
2-Hexanone	20.0	22.3	112	5	30	70-122	
MTBE	20.0	20.3	101	1	30	78-120	
Freon TF	20.0	20.1	100	2	30	73-123	
Methyl acetate	20.0	19.8	99	6	30	73-137	
1,4-Dioxane	150	191	128	12	30	69-131	
Trichloroethene	20.0	19.2	96	3	30	79-119	
Toluene	20.0	18.8	94	2	30	75-115	
trans-1,3-Dichloropropene	20.0	18.5	93	0	30	67-121	
4-Methyl-2-pentanone	20.0	22.3	111	2	30	68-120	
cis-1,3-Dichloropropene	20.0	18.8	94	0	30	80-123	
1,2-Dichlorobenzene	20.0	19.8	99	3	30	80-120	
1,3-Dichlorobenzene	20.0	18.9	95	0	30	80-120	
1,4-Dichlorobenzene	20.0	19.8	99	3	30	80-120	
1,2,4-Trichlorobenzene	20.0	20.3	101	1	30	80-120	
1,2,3-Trichlorobenzene	20.0	20.4	102	2	30	75-121	
1,2-Dichloropropane	20.0	18.9	94	3	30	82-122	
Methylcyclohexane	20.0	16.3	82	1	30	78-118	
Tetrachloroethene	20.0	19.5	98	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46700.d

Lab ID: LCSD 460-68728/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	57.5	96	2	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.5	93	0	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	18.1	90	2	30	79-122	
1,1,2-Trichloroethane	20.0	19.5	97	1	30	73-118	
Dibromochloromethane	20.0	19.8	99	0	30	68-120	
1,2-Dibromoethane	20.0	20.5	103	3	30	75-117	
Dichlorodifluoromethane	20.0	17.5	87	6	30	52-144	
Bromochloromethane	20.0	20.0	100	0	30	74-125	
Bromodichloromethane	20.0	19.9	99	2	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46724.d

Lab ID: LCSD 460-68801/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	18.9	94	19	30	50-151	
Bromomethane	20.0	23.5	117	5	30	54-142	
Vinyl chloride	20.0	22.3	111	25	30	67-133	
Chloroethane	20.0	25.9	129	13	30	56-146	
Methylene Chloride	20.0	22.0	110	6	30	74-137	
Acetone	20.0	32.1	161	7	30	27-164	
Carbon disulfide	20.0	21.0	105	11	30	72-128	
Trichlorofluoromethane	20.0	25.2	126	10	30	61-139	
1,1-Dichloroethene	20.0	23.6	118	13	30	71-126	
1,1-Dichloroethane	20.0	21.6	108	4	30	76-125	
trans-1,2-Dichloroethene	20.0	22.5	113	6	30	75-122	
cis-1,2-Dichloroethene	20.0	21.1	105	2	30	80-120	
Chloroform	20.0	21.3	107	5	30	77-120	
2-Butanone	20.0	22.6	113	6	30	77-117	
1,2-Dichloroethane	20.0	19.6	98	0	30	76-118	
1,1,1-Trichloroethane	20.0	22.4	112	5	30	78-117	
Carbon tetrachloride	20.0	23.2	116	6	30	79-118	
Benzene	20.0	21.1	106	4	30	77-117	
Bromoform	20.0	17.4	87	3	30	59-125	
Styrene	20.0	20.4	102	1	30	82-122	
Ethylbenzene	20.0	21.3	107	2	30	81-121	
Chlorobenzene	20.0	21.0	105	0	30	80-120	
Cyclohexane	20.0	20.4	102	12	30	80-121	
Isopropylbenzene	20.0	23.9	120	11	30	65-129	
2-Hexanone	20.0	20.2	101	11	30	70-122	
MTBE	20.0	20.6	103	4	30	78-120	
Freon TF	20.0	24.6	123	9	30	73-123	
Methyl acetate	20.0	20.2	101	11	30	73-137	
1,4-Dioxane	150	175	117	11	30	69-131	
Trichloroethene	20.0	21.7	108	5	30	79-119	
Toluene	20.0	20.9	104	3	30	75-115	
trans-1,3-Dichloropropene	20.0	19.1	96	1	30	67-121	
4-Methyl-2-pentanone	20.0	20.3	101	10	30	68-120	
cis-1,3-Dichloropropene	20.0	19.4	97	5	30	80-123	
1,2-Dichlorobenzene	20.0	20.2	101	2	30	80-120	
1,3-Dichlorobenzene	20.0	20.6	103	2	30	80-120	
1,4-Dichlorobenzene	20.0	20.6	103	0	30	80-120	
1,2,4-Trichlorobenzene	20.0	21.1	105	1	30	80-120	
1,2,3-Trichlorobenzene	20.0	20.2	101	4	30	75-121	
1,2-Dichloropropane	20.0	20.4	102	2	30	82-122	
Methylcyclohexane	20.0	21.0	105	11	30	78-118	
Tetrachloroethene	20.0	23.6	118	7	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46724.d

Lab ID: LCSD 460-68801/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	63.4	106	1	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.6	88	0	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.6	88	1	30	79-122	
1,1,2-Trichloroethane	20.0	20.8	104	0	30	73-118	
Dibromochloromethane	20.0	20.6	103	1	30	68-120	
1,2-Dibromoethane	20.0	20.6	103	2	30	75-117	
Dichlorodifluoromethane	20.0	24.1	120	34	30	52-144	*
Bromochloromethane	20.0	21.1	105	0	30	74-125	
Bromodichloromethane	20.0	20.7	104	1	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98669.d

Lab ID: 460-24277-31 MS Client ID: PMP-18-SI-E (10.5-11) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	510	25 U	528	104	52-144	
Bromomethane	510	25 U	445	87	58-164	
Vinyl chloride	510	25 U	548	108	55-154	
Chloroethane	510	25 U	401	79	66-144	
Methylene Chloride	510	25 U	452	89	78-118	
Acetone	510	2400	2900	104	48-177	4
Carbon disulfide	510	12 J	392	74	70-120	
Trichlorofluoromethane	510	25 U	455	89	60-148	
1,1-Dichloroethene	510	25 U	387	76	68-138	
1,1-Dichloroethane	510	25 U	486	95	79-119	
trans-1,2-Dichloroethene	510	25 U	445	87	73-119	
cis-1,2-Dichloroethene	510	25 U	491	96	78-118	
Chloroform	510	25 U	493	97	81-122	
2-Butanone	510	470	1010	106	70-139	
1,2-Dichloroethane	510	25 U	536	105	81-121	
1,1,1-Trichloroethane	510	25 U	441	87	78-118	
Carbon tetrachloride	510	25 U	374	73	64-130	
Benzene	510	40	531	96	71-118	
Bromoform	510	25 U	426	83	76-133	
Styrene	510	25 U	440	86	73-126	
Ethylbenzene	510	160	598	86	78-124	
Chlorobenzene	510	25 U	477	94	69-124	
Cyclohexane	510	25 U	527	103	69-128	
Isopropylbenzene	510	120	577	89	80-143	
2-Hexanone	510	250 U	420	82	62-123	
MTBE	510	25 U	469	92	65-143	
Freon TF	510	25 U	390	76	50-128	
Methyl acetate	510	51 U	454	89	72-165	
1,4-Dioxane	3820	1300 U	3120	82	54-147	
Trichloroethene	510	25 U	464	91	82-122	
Toluene	510	3.5 J	456	89	79-136	
trans-1,3-Dichloropropene	510	25 U	468	92	73-118	
4-Methyl-2-pentanone	510	250 U	531	104	69-124	
cis-1,3-Dichloropropene	510	25 U	464	91	75-120	
1,2-Dichlorobenzene	510	25 U	447	88	83-123	
1,3-Dichlorobenzene	510	54	492	86	83-123	
1,4-Dichlorobenzene	510	270	709	87	84-124	
1,2,4-Trichlorobenzene	510	79	167	17	62-144	F
1,2,3-Trichlorobenzene	510	25 U	86.7	17	36-207	F
1,2-Dichloropropane	510	25 U	504	99	78-118	
Methylcyclohexane	510	250	737	95	80-134	
Tetrachloroethene	510	25 U	411	81	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98669.d

Lab ID: 460-24277-31 MS Client ID: PMP-18-SI-E (10.5-11) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	1530	650	2040	91	78-126	
1,2-Dibromo-3-Chloropropane	510	25 U	463	91	62-127	
1,1,2,2-Tetrachloroethane	510	25 U	746	146	86-145	F
1,1,2-Trichloroethane	510	25 U	521	102	77-120	
Dibromochloromethane	510	25 U	458	90	78-118	
1,2-Dibromoethane	510	25 U	442	87	76-120	
Dichlorodifluoromethane	510	25 U	504	99	41-149	
Bromochloromethane	510	25 U	492	97	81-121	
Bromodichloromethane	510	25 U	523	102	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45584.d

Lab ID: 460-24265-D-6-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	1250	62 U	998	80	52-144	
Bromomethane	1250	62 U	904	72	58-164	
Vinyl chloride	1250	62 U	1220	98	55-154	
Chloroethane	1250	62 U	1180	94	66-144	
Methylene Chloride	1250	62 U	1160	93	78-118	
Acetone	1250	620 U	2040	163	48-177	
Carbon disulfide	1250	62 U	1040	84	70-120	
Trichlorofluoromethane	1250	62 U	1290	103	60-148	
1,1-Dichloroethene	1250	62 U	1310	105	68-138	
1,1-Dichloroethane	1250	62 U	1110	89	79-119	
trans-1,2-Dichloroethene	1250	62 U	1220	98	73-119	
cis-1,2-Dichloroethene	1250	62 U	1160	93	78-118	
Chloroform	1250	62 U	1150	92	81-122	
2-Butanone	1250	620 U	827	66	70-139	F
1,2-Dichloroethane	1250	62 U	1050	84	81-121	
1,1,1-Trichloroethane	1250	62 U	1150	92	78-118	
Carbon tetrachloride	1250	62 U	1240	99	64-130	
Benzene	1250	100	1140	83	71-118	
Bromoform	1250	62 U	983	79	76-133	
Styrene	1250	62 U	934	75	73-126	
Ethylbenzene	1250	62 U	1090	87	78-124	
Chlorobenzene	1250	62 U	1060	85	69-124	
Cyclohexane	1250	62 U	1120	90	69-128	
Isopropylbenzene	1250	62 U	1220	97	80-143	
2-Hexanone	1250	620 U	734	59	62-123	F
MTBE	1250	62 U	986	79	65-143	
Freon TF	1250	62 U	1230	99	50-128	
Methyl acetate	1250	120 U	944	76	72-165	
1,4-Dioxane	9370	3100 U	3100 U	0	54-147	F
Trichloroethene	1250	62 U	1160	93	82-122	
Toluene	1250	62 U	1020	82	79-136	
trans-1,3-Dichloropropene	1250	62 U	914	73	73-118	
4-Methyl-2-pentanone	1250	620 U	717	57	69-124	F
cis-1,3-Dichloropropene	1250	62 U	944	76	75-120	
1,2-Dichlorobenzene	1250	62 U	1100	88	83-123	
1,3-Dichlorobenzene	1250	62 U	1080	87	83-123	
1,4-Dichlorobenzene	1250	62 U	1110	88	84-124	
1,2,4-Trichlorobenzene	1250	62 U	1120	90	62-144	
1,2,3-Trichlorobenzene	1250	62 U	1060	85	36-207	
1,2-Dichloropropane	1250	62 U	1030	82	78-118	
Methylcyclohexane	1250	62 U	1180	95	80-134	
Tetrachloroethene	1250	62 U	1150	92	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45584.d

Lab ID: 460-24265-D-6-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	3750	190 U	3100	83	78-126	
1,2-Dibromo-3-Chloropropane	1250	62 U	769	62	62-127	
1,1,2,2-Tetrachloroethane	1250	62 U	860	69	86-145	F
1,1,2-Trichloroethane	1250	62 U	954	76	77-120	F
Dibromochloromethane	1250	62 U	971	78	78-118	
1,2-Dibromoethane	1250	62 U	919	74	76-120	F
Dichlorodifluoromethane	1250	62 U	1390	111	41-149	
Bromochloromethane	1250	62 U	1200	96	81-121	
Bromodichloromethane	1250	62 U	1080	86	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98788.d

Lab ID: 460-24279-D-2-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	1010	51 U	935	92	52-144	
Bromomethane	1010	51 U	769	76	58-164	
Vinyl chloride	1010	51 U	888	88	55-154	
Chloroethane	1010	51 U	787	78	66-144	
Methylene Chloride	1010	51 U	905	89	78-118	
Acetone	1010	510 U	1200	119	48-177	
Carbon disulfide	1010	51 U	769	76	70-120	
Trichlorofluoromethane	1010	51 U	705	70	60-148	
1,1-Dichloroethene	1010	51 U	773	76	68-138	
1,1-Dichloroethane	1010	51 U	990	98	79-119	
trans-1,2-Dichloroethene	1010	51 U	885	88	73-119	
cis-1,2-Dichloroethene	1010	32 J	964	92	78-118	
Chloroform	1010	51 U	966	96	81-122	
2-Butanone	1010	510 U	884 J	87	70-139	
1,2-Dichloroethane	1010	51 U	1040	103	81-121	
1,1,1-Trichloroethane	1010	51 U	849	84	78-118	
Carbon tetrachloride	1010	51 U	734	73	64-130	
Benzene	1010	51 U	866	86	71-118	
Bromoform	1010	51 U	794	79	76-133	
Styrene	1010	51 U	857	85	73-126	
Ethylbenzene	1010	310	1140	82	78-124	
Chlorobenzene	1010	51 U	919	91	69-124	
Cyclohexane	1010	51 U	839	83	69-128	
Isopropylbenzene	1010	430	1260	82	80-143	
2-Hexanone	1010	510 U	752 J	74	62-123	
MTBE	1010	51 U	963	95	65-143	
Freon TF	1010	51 U	775	77	50-128	
Methyl acetate	1010	100 U	901	89	72-165	
1,4-Dioxane	7580	2500 U	5510	73	54-147	
Trichloroethene	1010	51 U	949	94	82-122	
Toluene	1010	12 J	862	84	79-136	
trans-1,3-Dichloropropene	1010	51 U	834	83	73-118	
4-Methyl-2-pentanone	1010	510 U	837 J	83	69-124	
cis-1,3-Dichloropropene	1010	51 U	867	86	75-120	
1,2-Dichlorobenzene	1010	51 U	1080	107	83-123	
1,3-Dichlorobenzene	1010	51 U	981	97	83-123	
1,4-Dichlorobenzene	1010	51 U	1010	100	84-124	
1,2,4-Trichlorobenzene	1010	960	2040	106	62-144	
1,2,3-Trichlorobenzene	1010	51 U	645	64	36-207	
1,2-Dichloropropane	1010	51 U	1000	99	78-118	
Methylcyclohexane	1010	180	1120	93	80-134	
Tetrachloroethene	1010	51 U	790	78	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98788.d

Lab ID: 460-24279-D-2-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	3030	900	3180	75	78-126	F
1,2-Dibromo-3-Chloropropane	1010	51 U	1390	138	62-127	F
1,1,2,2-Tetrachloroethane	1010	51 U	2180	215	86-145	F
1,1,2-Trichloroethane	1010	51 U	995	98	77-120	
Dibromochloromethane	1010	51 U	830	82	78-118	
1,2-Dibromoethane	1010	51 U	832	82	76-120	
Dichlorodifluoromethane	1010	51 U	537	53	41-149	
Bromochloromethane	1010	51 U	915	91	81-121	
Bromodichloromethane	1010	51 U	960	95	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98576.d

Lab ID: 460-24232-C-2-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	1200	240 U	903	75	52-144	
Bromomethane	1200	240 U	1120	93	58-164	
Vinyl chloride	1200	240 U	942	78	55-154	
Chloroethane	1200	240 U	1130	94	66-144	
Methylene Chloride	1200	240 U	1150	96	78-118	
Acetone	1200	2400 U	1380 J	115	48-177	
Carbon disulfide	1200	240 U	1060	88	70-120	
Trichlorofluoromethane	1200	240 U	900	75	60-148	
1,1-Dichloroethene	1200	1400	2220	66	68-138	F
1,1-Dichloroethane	1200	620	1770	96	79-119	
trans-1,2-Dichloroethene	1200	240 U	1170	98	73-119	
cis-1,2-Dichloroethene	1200	250	1430	98	78-118	
Chloroform	1200	160 J	1370	101	81-122	
2-Butanone	1200	2400 U	1220 J	101	70-139	
1,2-Dichloroethane	1200	240 U	1420	118	81-121	
1,1,1-Trichloroethane	1200	32000	28300	-304	78-118	4
Carbon tetrachloride	1200	240 U	1120	93	64-130	
Benzene	1200	400	1430	86	71-118	
Bromoform	1200	240 U	1040	87	76-133	
Styrene	1200	240 U	1130	94	73-126	
Ethylbenzene	1200	160 J	1280	93	78-124	
Chlorobenzene	1200	240 U	1140	94	69-124	
Cyclohexane	1200	240 U	1420	118	69-128	
Isopropylbenzene	1200	82 J	1240	96	80-143	
2-Hexanone	1200	2400 U	1080 J	89	62-123	
MTBE	1200	240 U	1160	96	65-143	
Freon TF	1200	240 U	1290	107	50-128	
Methyl acetate	1200	480 U	1020	85	72-165	
1,4-Dioxane	9320	12000 U	8010 J	86	54-147	
Trichloroethene	1200	78000	67900	-837	82-122	4
Toluene	1200	210 J	1270	88	79-136	
trans-1,3-Dichloropropene	1200	240 U	1070	89	73-118	
4-Methyl-2-pentanone	1200	2400 U	1090 J	91	69-124	
cis-1,3-Dichloropropene	1200	240 U	1090	91	75-120	
1,2-Dichlorobenzene	1200	240 U	1240	103	83-123	
1,3-Dichlorobenzene	1200	240 U	1240	103	83-123	
1,4-Dichlorobenzene	1200	240 U	1220	101	84-124	
1,2,4-Trichlorobenzene	1200	240 U	1800	150	62-144	F
1,2,3-Trichlorobenzene	1200	240 U	1590	133	36-207	
1,2-Dichloropropane	1200	240 U	1240	103	78-118	
Methylcyclohexane	1200	390	1360	81	80-134	
Tetrachloroethene	1200	140 J	1220	89	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98576.d

Lab ID: 460-24232-C-2-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	3610	170 J	3520	93	78-126	
1,2-Dibromo-3-Chloropropane	1200	240 U	1200	100	62-127	
1,1,2,2-Tetrachloroethane	1200	240 U	1270	106	86-145	
1,1,2-Trichloroethane	1200	240 U	1160	97	77-120	
Dibromochloromethane	1200	240 U	1060	88	78-118	
1,2-Dibromoethane	1200	240 U	1050	88	76-120	
Dichlorodifluoromethane	1200	240 U	679	56	41-149	
Bromochloromethane	1200	240 U	1200	100	81-121	
Bromodichloromethane	1200	240 U	1240	103	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98621.d

Lab ID: 460-24288-A-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	2290	110 U	2280	100	52-144	
Bromomethane	2290	110 U	2040	89	58-164	
Vinyl chloride	2290	110 U	2320	101	55-154	
Chloroethane	2290	110 U	1810	79	66-144	
Methylene Chloride	2290	110 U	1940	85	78-118	
Acetone	2290	1100 U	2260	99	48-177	
Carbon disulfide	2290	92 J	1830	76	70-120	
Trichlorofluoromethane	2290	110 U	2030	88	60-148	
1,1-Dichloroethene	2290	110 U	1850	81	68-138	
1,1-Dichloroethane	2290	110 U	2130	93	79-119	
trans-1,2-Dichloroethene	2290	110 U	1980	87	73-119	
cis-1,2-Dichloroethene	2290	110 U	2060	90	78-118	
Chloroform	2290	110 U	2110	92	81-122	
2-Butanone	2290	1100 U	1860	81	70-139	
1,2-Dichloroethane	2290	110 U	2260	99	81-121	
1,1,1-Trichloroethane	2290	110 U	2190	96	78-118	
Carbon tetrachloride	2290	110 U	2010	88	64-130	
Benzene	2290	110 U	2130	93	71-118	
Bromoform	2290	110 U	1870	82	76-133	
Styrene	2290	110 U	2120	92	73-126	
Ethylbenzene	2290	110 U	2410	105	78-124	
Chlorobenzene	2290	110 U	2210	96	69-124	
Cyclohexane	2290	110 U	2230	97	69-128	
Isopropylbenzene	2290	110 U	2610	114	80-143	
2-Hexanone	2290	1100 U	1580	69	62-123	
MTBE	2290	110 U	1970	86	65-143	
Freon TF	2290	110 U	2370	103	50-128	
Methyl acetate	2290	230 U	1660	72	72-165	
1,4-Dioxane	17200	5700 U	10600	62	54-147	
Trichloroethene	2290	110 U	2130	93	82-122	
Toluene	2290	110 U	2150	94	79-136	
trans-1,3-Dichloropropene	2290	110 U	2070	90	73-118	
4-Methyl-2-pentanone	2290	1100 U	1850	81	69-124	
cis-1,3-Dichloropropene	2290	110 U	2060	90	75-120	
1,2-Dichlorobenzene	2290	110 U	2120	92	83-123	
1,3-Dichlorobenzene	2290	110 U	2220	97	83-123	
1,4-Dichlorobenzene	2290	110 U	2230	97	84-124	
1,2,4-Trichlorobenzene	2290	110 U	1730	75	62-144	
1,2,3-Trichlorobenzene	2290	110 U	1050	46	36-207	
1,2-Dichloropropane	2290	110 U	2230	97	78-118	
Methylcyclohexane	2290	96 J	2690	113	80-134	
Tetrachloroethene	2290	110 U	2260	98	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98621.d

Lab ID: 460-24288-A-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	6880	340 U	6650	97	78-126	
1,2-Dibromo-3-Chloropropane	2290	110 U	1540	67	62-127	
1,1,2,2-Tetrachloroethane	2290	110 U	2510	109	86-145	
1,1,2-Trichloroethane	2290	110 U	2120	93	77-120	
Dibromochloromethane	2290	110 U	2010	88	78-118	
1,2-Dibromoethane	2290	110 U	1890	82	76-120	
Dichlorodifluoromethane	2290	110 U	2150	94	41-149	
Bromochloromethane	2290	110 U	2080	91	81-121	
Bromodichloromethane	2290	110 U	2100	92	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98670.d

Lab ID: 460-24277-31 MSD Client ID: PMP-18-SI-E (10.5-11) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	510	531	104	1	30	52-144	
Bromomethane	510	442	87	1	30	58-164	
Vinyl chloride	510	520	102	5	30	55-154	
Chloroethane	510	406	80	1	30	66-144	
Methylene Chloride	510	442	87	2	30	78-118	
Acetone	510	2580	42	12	30	48-177	4
Carbon disulfide	510	381	72	3	30	70-120	
Trichlorofluoromethane	510	440	86	3	30	60-148	
1,1-Dichloroethene	510	378	74	2	30	68-138	
1,1-Dichloroethane	510	496	97	2	30	79-119	
trans-1,2-Dichloroethene	510	444	87	0	30	73-119	
cis-1,2-Dichloroethene	510	493	97	0	30	78-118	
Chloroform	510	484	95	2	30	81-122	
2-Butanone	510	941	93	7	30	70-139	
1,2-Dichloroethane	510	504	99	6	30	81-121	
1,1,1-Trichloroethane	510	441	86	0	30	78-118	
Carbon tetrachloride	510	361	71	4	30	64-130	
Benzene	510	505	91	5	30	71-118	
Bromoform	510	413	81	3	30	76-133	
Styrene	510	426	84	3	30	73-126	
Ethylbenzene	510	568	80	5	30	78-124	
Chlorobenzene	510	457	90	4	30	69-124	
Cyclohexane	510	484	95	8	30	69-128	
Isopropylbenzene	510	538	81	7	30	80-143	
2-Hexanone	510	424	83	1	30	62-123	
MTBE	510	457	90	2	30	65-143	
Freon TF	510	366	72	6	30	50-128	
Methyl acetate	510	449	88	1	30	72-165	
1,4-Dioxane	3820	3400	89	9	30	54-147	
Trichloroethene	510	452	89	3	30	82-122	
Toluene	510	451	88	1	30	79-136	
trans-1,3-Dichloropropene	510	443	87	5	30	73-118	
4-Methyl-2-pentanone	510	501	98	6	30	69-124	
cis-1,3-Dichloropropene	510	456	89	2	30	75-120	
1,2-Dichlorobenzene	510	441	86	1	30	83-123	
1,3-Dichlorobenzene	510	489	85	1	30	83-123	
1,4-Dichlorobenzene	510	685	82	3	30	84-124	F
1,2,4-Trichlorobenzene	510	187	21	11	30	62-144	F
1,2,3-Trichlorobenzene	510	96.4	19	11	30	36-207	F
1,2-Dichloropropane	510	493	97	2	30	78-118	
Methylcyclohexane	510	661	80	11	30	80-134	
Tetrachloroethene	510	397	78	4	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98670.d

Lab ID: 460-24277-31 MSD Client ID: PMP-18-SI-E (10.5-11) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	1530	1890	81	7	30	78-126	
1,2-Dibromo-3-Chloropropane	510	476	93	3	30	62-127	
1,1,2,2-Tetrachloroethane	510	774	152	4	30	86-145	F
1,1,2-Trichloroethane	510	493	97	5	30	77-120	
Dibromochloromethane	510	441	87	4	30	78-118	
1,2-Dibromoethane	510	445	87	1	30	76-120	
Dichlorodifluoromethane	510	481	94	5	30	41-149	
Bromochloromethane	510	483	95	2	30	81-121	
Bromodichloromethane	510	486	95	7	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45585.d

Lab ID: 460-24265-D-6-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1250	1160	93	15	30	52-144	
Bromomethane	1250	1080	87	18	30	58-164	
Vinyl chloride	1250	1380	110	12	30	55-154	
Chloroethane	1250	1370	110	15	30	66-144	
Methylene Chloride	1250	1330	106	13	30	78-118	
Acetone	1250	1830	146	11	30	48-177	
Carbon disulfide	1250	1200	96	14	30	70-120	
Trichlorofluoromethane	1250	1390	111	7	30	60-148	
1,1-Dichloroethene	1250	1510	121	14	30	68-138	
1,1-Dichloroethane	1250	1260	101	13	30	79-119	
trans-1,2-Dichloroethene	1250	1400	112	14	30	73-119	
cis-1,2-Dichloroethene	1250	1270	102	9	30	78-118	
Chloroform	1250	1250	100	9	30	81-122	
2-Butanone	1250	823	66	1	30	70-139	F
1,2-Dichloroethane	1250	1180	94	11	30	81-121	
1,1,1-Trichloroethane	1250	1340	108	16	30	78-118	
Carbon tetrachloride	1250	1350	108	9	30	64-130	
Benzene	1250	1310	97	14	30	71-118	
Bromoform	1250	1150	92	15	30	76-133	
Styrene	1250	1060	85	13	30	73-126	
Ethylbenzene	1250	1220	98	12	30	78-124	
Chlorobenzene	1250	1220	98	15	30	69-124	
Cyclohexane	1250	1260	101	12	30	69-128	
Isopropylbenzene	1250	1400	112	14	30	80-143	
2-Hexanone	1250	572 J	46	25	30	62-123	F
MTBE	1250	1060	84	7	30	65-143	
Freon TF	1250	1420	113	14	30	50-128	
Methyl acetate	1250	1080	86	13	30	72-165	
1,4-Dioxane	9370	3100 U	0	NC	30	54-147	F
Trichloroethene	1250	1310	104	12	30	82-122	
Toluene	1250	1170	94	14	30	79-136	
trans-1,3-Dichloropropene	1250	1050	84	13	30	73-118	
4-Methyl-2-pentanone	1250	783	63	9	30	69-124	F
cis-1,3-Dichloropropene	1250	1090	87	14	30	75-120	
1,2-Dichlorobenzene	1250	1250	100	13	30	83-123	
1,3-Dichlorobenzene	1250	1260	101	15	30	83-123	
1,4-Dichlorobenzene	1250	1250	100	12	30	84-124	
1,2,4-Trichlorobenzene	1250	1280	102	13	30	62-144	
1,2,3-Trichlorobenzene	1250	1250	100	16	30	36-207	
1,2-Dichloropropane	1250	1150	92	11	30	78-118	
Methylcyclohexane	1250	1280	103	8	30	80-134	
Tetrachloroethene	1250	1270	102	10	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45585.d

Lab ID: 460-24265-D-6-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	3750	3690	98	17	30	78-126	
1,2-Dibromo-3-Chloropropane	1250	934	75	19	30	62-127	
1,1,2,2-Tetrachloroethane	1250	968	77	12	30	86-145	F
1,1,2-Trichloroethane	1250	1050	84	10	30	77-120	
Dibromochloromethane	1250	1130	90	15	30	78-118	
1,2-Dibromoethane	1250	1060	85	14	30	76-120	
Dichlorodifluoromethane	1250	1570	126	12	30	41-149	
Bromochloromethane	1250	1360	109	12	30	81-121	
Bromodichloromethane	1250	1230	98	13	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98792.d

Lab ID: 460-24279-D-2-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1010	1300	129	33	30	52-144	F
Bromomethane	1010	1030	102	29	30	58-164	
Vinyl chloride	1010	1310	129	38	30	55-154	F
Chloroethane	1010	1090	108	33	30	66-144	F
Methylene Chloride	1010	873	86	3	30	78-118	
Acetone	1010	1150	114	4	30	48-177	
Carbon disulfide	1010	782	77	2	30	70-120	
Trichlorofluoromethane	1010	1160	115	49	30	60-148	F
1,1-Dichloroethene	1010	861	85	11	30	68-138	
1,1-Dichloroethane	1010	978	97	1	30	79-119	
trans-1,2-Dichloroethene	1010	900	89	2	30	73-119	
cis-1,2-Dichloroethene	1010	967	92	0	30	78-118	
Chloroform	1010	960	95	1	30	81-122	
2-Butanone	1010	944 J	93	7	30	70-139	
1,2-Dichloroethane	1010	1030	102	0	30	81-121	
1,1,1-Trichloroethane	1010	903	89	6	30	78-118	
Carbon tetrachloride	1010	827	82	12	30	64-130	
Benzene	1010	845	84	3	30	71-118	
Bromoform	1010	728	72	9	30	76-133	F
Styrene	1010	856	85	0	30	73-126	
Ethylbenzene	1010	1200	88	5	30	78-124	
Chlorobenzene	1010	936	93	2	30	69-124	
Cyclohexane	1010	1050	104	22	30	69-128	
Isopropylbenzene	1010	1410	97	12	30	80-143	
2-Hexanone	1010	724 J	72	4	30	62-123	
MTBE	1010	891	88	8	30	65-143	
Freon TF	1010	524	52	39	30	50-128	F
Methyl acetate	1010	715	71	23	30	72-165	F
1,4-Dioxane	7580	6080	80	10	30	54-147	
Trichloroethene	1010	972	96	2	30	82-122	
Toluene	1010	849	83	2	30	79-136	
trans-1,3-Dichloropropene	1010	845	84	1	30	73-118	
4-Methyl-2-pentanone	1010	891 J	88	6	30	69-124	
cis-1,3-Dichloropropene	1010	854	85	1	30	75-120	
1,2-Dichlorobenzene	1010	1200	119	10	30	83-123	
1,3-Dichlorobenzene	1010	1190	118	19	30	83-123	
1,4-Dichlorobenzene	1010	1140	112	12	30	84-124	
1,2,4-Trichlorobenzene	1010	2180	120	7	30	62-144	
1,2,3-Trichlorobenzene	1010	748	74	15	30	36-207	
1,2-Dichloropropane	1010	997	99	0	30	78-118	
Methylcyclohexane	1010	1460	127	26	30	80-134	
Tetrachloroethene	1010	916	91	15	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98792.d

Lab ID: 460-24279-D-2-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	3030	3390	82	6	30	78-126	
1,2-Dibromo-3-Chloropropane	1010	1480	146	6	30	62-127	F
1,1,2,2-Tetrachloroethane	1010	2310	229	6	30	86-145	F
1,1,2-Trichloroethane	1010	950	94	5	30	77-120	
Dibromochloromethane	1010	790	78	5	30	78-118	
1,2-Dibromoethane	1010	786	78	6	30	76-120	
Dichlorodifluoromethane	1010	1250	124	80	30	41-149	F
Bromochloromethane	1010	969	96	6	30	81-121	
Bromodichloromethane	1010	970	96	1	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98577.d

Lab ID: 460-24232-C-2-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1200	1080	90	18	30	52-144	
Bromomethane	1200	1350	113	19	30	58-164	
Vinyl chloride	1200	1040	86	10	30	55-154	
Chloroethane	1200	1260	105	11	30	66-144	
Methylene Chloride	1200	1350	112	16	30	78-118	
Acetone	1200	1810 J	151	27	30	48-177	
Carbon disulfide	1200	1200	99	12	30	70-120	
Trichlorofluoromethane	1200	1090	90	19	30	60-148	
1,1-Dichloroethene	1200	2600	98	16	30	68-138	
1,1-Dichloroethane	1200	1950	111	10	30	79-119	
trans-1,2-Dichloroethene	1200	1330	111	13	30	73-119	
cis-1,2-Dichloroethene	1200	1640	115	14	30	78-118	
Chloroform	1200	1550	116	12	30	81-122	
2-Butanone	1200	1500 J	124	21	30	70-139	
1,2-Dichloroethane	1200	1600	133	12	30	81-121	F
1,1,1-Trichloroethane	1200	31900	-8	12	30	78-118	4
Carbon tetrachloride	1200	1280	106	13	30	64-130	
Benzene	1200	1600	100	11	30	71-118	
Bromoform	1200	1130	94	8	30	76-133	
Styrene	1200	1260	105	11	30	73-126	
Ethylbenzene	1200	1410	104	10	30	78-124	
Chlorobenzene	1200	1260	105	11	30	69-124	
Cyclohexane	1200	1630	135	14	30	69-128	F
Isopropylbenzene	1200	1410	110	13	30	80-143	
2-Hexanone	1200	1160 J	97	8	30	62-123	
MTBE	1200	1360	113	16	30	65-143	
Freon TF	1200	1520	126	16	30	50-128	
Methyl acetate	1200	1180	98	14	30	72-165	
1,4-Dioxane	9320	6390 J	69	23	30	54-147	
Trichloroethene	1200	76800	-96	12	30	82-122	4
Toluene	1200	1470	105	15	30	79-136	
trans-1,3-Dichloropropene	1200	1190	99	11	30	73-118	
4-Methyl-2-pentanone	1200	1220 J	102	11	30	69-124	
cis-1,3-Dichloropropene	1200	1270	105	15	30	75-120	
1,2-Dichlorobenzene	1200	1370	114	9	30	83-123	
1,3-Dichlorobenzene	1200	1410	117	13	30	83-123	
1,4-Dichlorobenzene	1200	1390	116	13	30	84-124	
1,2,4-Trichlorobenzene	1200	1490	124	19	30	62-144	
1,2,3-Trichlorobenzene	1200	1680	140	6	30	36-207	
1,2-Dichloropropane	1200	1530	127	21	30	78-118	F
Methylcyclohexane	1200	1580	99	15	30	80-134	
Tetrachloroethene	1200	1340	100	10	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98577.d

Lab ID: 460-24232-C-2-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	3610	4030	107	13	30	78-126	
1,2-Dibromo-3-Chloropropane	1200	1300	108	8	30	62-127	
1,1,2,2-Tetrachloroethane	1200	1340	111	5	30	86-145	
1,1,2-Trichloroethane	1200	1300	108	11	30	77-120	
Dibromochloromethane	1200	1170	97	10	30	78-118	
1,2-Dibromoethane	1200	1220	102	15	30	76-120	
Dichlorodifluoromethane	1200	741	62	9	30	41-149	
Bromochloromethane	1200	1350	113	12	30	81-121	
Bromodichloromethane	1200	1400	117	13	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98622.d

Lab ID: 460-24288-A-1-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	2290	2540	111	11	30	52-144	
Bromomethane	2290	1920	84	6	30	58-164	
Vinyl chloride	2290	2390	104	3	30	55-154	
Chloroethane	2290	1840	80	2	30	66-144	
Methylene Chloride	2290	2030	88	5	30	78-118	
Acetone	2290	2600	113	14	30	48-177	
Carbon disulfide	2290	1910	79	4	30	70-120	
Trichlorofluoromethane	2290	1950	85	4	30	60-148	
1,1-Dichloroethene	2290	1920	84	4	30	68-138	
1,1-Dichloroethane	2290	2330	101	9	30	79-119	
trans-1,2-Dichloroethene	2290	2120	92	6	30	73-119	
cis-1,2-Dichloroethene	2290	2170	95	6	30	78-118	
Chloroform	2290	2260	99	7	30	81-122	
2-Butanone	2290	1930	84	4	30	70-139	
1,2-Dichloroethane	2290	2390	104	6	30	81-121	
1,1,1-Trichloroethane	2290	2250	98	3	30	78-118	
Carbon tetrachloride	2290	1990	87	1	30	64-130	
Benzene	2290	2160	94	1	30	71-118	
Bromoform	2290	2010	88	7	30	76-133	
Styrene	2290	2220	97	5	30	73-126	
Ethylbenzene	2290	2350	102	3	30	78-124	
Chlorobenzene	2290	2210	97	0	30	69-124	
Cyclohexane	2290	2210	96	1	30	69-128	
Isopropylbenzene	2290	2570	112	1	30	80-143	
2-Hexanone	2290	1720	75	9	30	62-123	
MTBE	2290	2160	94	9	30	65-143	
Freon TF	2290	2300	100	3	30	50-128	
Methyl acetate	2290	1820	79	9	30	72-165	
1,4-Dioxane	17200	14600	85	32	30	54-147	F
Trichloroethene	2290	2250	98	5	30	82-122	
Toluene	2290	2230	97	3	30	79-136	
trans-1,3-Dichloropropene	2290	2110	92	2	30	73-118	
4-Methyl-2-pentanone	2290	1940	85	5	30	69-124	
cis-1,3-Dichloropropene	2290	2160	94	5	30	75-120	
1,2-Dichlorobenzene	2290	2260	99	7	30	83-123	
1,3-Dichlorobenzene	2290	2410	105	8	30	83-123	
1,4-Dichlorobenzene	2290	2280	100	2	30	84-124	
1,2,4-Trichlorobenzene	2290	2150	94	22	30	62-144	
1,2,3-Trichlorobenzene	2290	2320	101	75	30	36-207	F
1,2-Dichloropropane	2290	2370	103	6	30	78-118	
Methylcyclohexane	2290	2590	109	4	30	80-134	
Tetrachloroethene	2290	2240	98	1	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: j98622.d

Lab ID: 460-24288-A-1-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	6880	6670	97	0	30	78-126	
1,2-Dibromo-3-Chloropropane	2290	1700	74	10	30	62-127	
1,1,2,2-Tetrachloroethane	2290	3080	134	20	30	86-145	
1,1,2-Trichloroethane	2290	2250	98	6	30	77-120	
Dibromochloromethane	2290	2080	91	3	30	78-118	
1,2-Dibromoethane	2290	2070	90	9	30	76-120	
Dichlorodifluoromethane	2290	2060	90	4	30	41-149	
Bromochloromethane	2290	2190	95	5	30	81-121	
Bromodichloromethane	2290	2270	99	8	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: o46648.d Lab Sample ID: MB 460-68548/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 03/25/2011 22:21

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68548/3	o46645.d	03/25/2011 20:32
	LCSD 460-68548/4	o46646.d	03/25/2011 21:13
PMP-9-SIE (10.5-11)	460-24277-3	o46661.d	03/26/2011 04:04
PMP-13-VD-E (3.5-4)	460-24277-11	o46664.d	03/26/2011 05:18
PMP-13-SI-E (15.5-16)	460-24277-13	o46665.d	03/26/2011 05:43

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: o46672.d Lab Sample ID: MB 460-68639/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 03/28/2011 06:16

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68639/3	o46669.d	03/28/2011 04:47
	LCSD 460-68639/4	o46670.d	03/28/2011 05:12
PMP-15VD-E (3.5-4)	460-24277-18	o46675.d	03/28/2011 07:31
PMP-15-SI-E (15.5-16)	460-24277-20	o46676.d	03/28/2011 07:56
PMP-15-SD-E (23.5-24.0)	460-24277-21	o46677.d	03/28/2011 08:21
PMP-28-VD-E (3-5)	460-24277-22	o46678.d	03/28/2011 08:45

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: o46702.d Lab Sample ID: MB 460-68728/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 03/28/2011 20:07

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68728/3	o46699.d	03/28/2011 18:34
	LCSD 460-68728/4	o46700.d	03/28/2011 18:59
PMP-16-VD-E (3.5-4.0)	460-24277-15	o46703.d	03/28/2011 20:44

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: o46727.d Lab Sample ID: MB 460-68801/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 03/29/2011 07:48

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68801/3	o46723.d	03/29/2011 05:16
	LCSD 460-68801/4	o46724.d	03/29/2011 06:18
PMP-10-VD-E (3.5-4.0)	460-24277-7	o46728.d	03/29/2011 08:12
PMP-10-ST2-E (23.5-24)	460-24277-10	o46729.d	03/29/2011 08:37
PMP-10-ST1-E (15-15.5)	460-24277-9	o46730.d	03/29/2011 09:02
PMP-28-SI2-E (15-17)	460-24277-25	o46732.d	03/29/2011 09:52
PMP-17-SI-E (10.5-11.0)	460-24277-28	o46734.d	03/29/2011 10:42
PMP-18-VD-E (3.5-4)	460-24277-29	o46735.d	03/29/2011 11:06
PMP-18-WT-E (8-8.5)	460-24277-30	o46736.d	03/29/2011 11:31

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: p45578.d Lab Sample ID: MB 460-68934/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS13 Date Analyzed: 03/30/2011 12:07

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68934/3	p45575.d	03/30/2011 10:38
PMP-13-SD-E (23.5-24)	460-24277-14	p45580.d	03/30/2011 13:00
	460-24265-D-6-A MS	p45584.d	03/30/2011 14:41
	460-24265-D-6-A MSD	p45585.d	03/30/2011 15:06

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: j98569.d Lab Sample ID: MB 460-68208/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS8 Date Analyzed: 03/23/2011 09:37

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68208/3	j98567.d	03/23/2011 08:30
	460-24232-C-2-A MS	j98576.d	03/23/2011 13:15
	460-24232-C-2-A MSD	j98577.d	03/23/2011 13:47
PMP-9-VD-E (3.5-4.0)	460-24277-1	j98585.d	03/23/2011 17:59
PMP-9-WT-E (8-8.5)	460-24277-2	j98586.d	03/23/2011 18:32

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: j98619.d Lab Sample ID: MB 460-68358/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS8 Date Analyzed: 03/24/2011 10:56

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68358/3	j98617.d	03/24/2011 09:50
	460-24288-A-1-A MS	j98621.d	03/24/2011 12:11
	460-24288-A-1-A MSD	j98622.d	03/24/2011 12:43
DUP-031711 (3.5-4)	460-24277-4	j98627.d	03/24/2011 15:26
PMP-10-WT-E (7.5-8.0)	460-24277-8	j98628.d	03/24/2011 15:58
DUP-031711 (8-8.5)	460-24277-5	j98629.d	03/24/2011 16:31
DUP-031711 (10.5-11)	460-24277-6	j98630.d	03/24/2011 17:03
PMP-13-WT-E (7.5-8.0)	460-24277-12	j98632.d	03/24/2011 18:08
PMP-16-WT-E (8.0-8.5)	460-24277-16	j98633.d	03/24/2011 18:40
PMP-16-SI-E (10.5-11.0)	460-24277-17	j98634.d	03/24/2011 19:13
PMP-15-WT-E (7.5-8)	460-24277-19	j98635.d	03/24/2011 19:45
PMP-28-WT-E (8-8.5)	460-24277-23	j98637.d	03/24/2011 20:50

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: j98663.d Lab Sample ID: MB 460-68512/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS8 Date Analyzed: 03/25/2011 12:48

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68512/3	j98661.d	03/25/2011 11:41
PMP-17-VD-E (3.5-4)	460-24277-26	j98664.d	03/25/2011 13:23
PMP-18-SI-E (10.5-11)	460-24277-31	j98668.d	03/25/2011 15:33
PMP-18-SI-E (10.5-11) MS	460-24277-31 MS	j98669.d	03/25/2011 16:05
PMP-18-SI-E (10.5-11) MSD	460-24277-31 MSD	j98670.d	03/25/2011 16:38
PMP-28-SI1-E (11-13)	460-24277-24	j98677.d	03/25/2011 20:24

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: j98782.d Lab Sample ID: MB 460-69045/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS8 Date Analyzed: 03/31/2011 11:44

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-69045/3	j98779.d	03/31/2011 10:07
PMP-17-WT-E (8-8.5)	460-24277-27	j98783.d	03/31/2011 12:16
	460-24279-D-2-A MS	j98788.d	03/31/2011 14:58
	460-24279-D-2-A MSD	j98792.d	03/31/2011 17:08

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: o45212.d BFB Injection Date: 02/14/2011

Instrument ID: VOAMS12 BFB Injection Time: 17:09

Analysis Batch No.: 64630

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.2	
75	30.0 - 60.0 % of mass 95	46.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.7	(0.7)1
174	50.0 - 120.00 % of mass 95	96.4	
175	5.0 - 9.0 % of mass 174	7.2	(7.5)1
176	95.0 - 101.0 % of mass 174	92.6	(96.1)1
177	5.0 - 9.0 % of mass 176	6.0	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-64630/2	o45214.d	02/14/2011	18:17
	IC 460-64630/3	o45218.d	02/14/2011	23:21
	IC 460-64630/4	o45219.d	02/14/2011	23:46
	IC 460-64630/5	o45220.d	02/15/2011	00:11
	IC 460-64630/6	o45226.d	02/15/2011	02:40
	IC 460-64630/7	o45228.d	02/15/2011	03:30

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: o46641.d BFB Injection Date: 03/25/2011

Instrument ID: VOAMS12 BFB Injection Time: 18:28

Analysis Batch No.: 68548

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.2	
75	30.0 - 60.0 % of mass 95	51.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.8	(0.9)1
174	50.0 - 120.00 % of mass 95	87.0	
175	5.0 - 9.0 % of mass 174	7.4	(8.6)1
176	95.0 - 101.0 % of mass 174	84.2	(96.8)1
177	5.0 - 9.0 % of mass 176	5.9	(7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-68548/2	o46643.d	03/25/2011	19:17
	LCS 460-68548/3	o46645.d	03/25/2011	20:32
	LCSD 460-68548/4	o46646.d	03/25/2011	21:13
	MB 460-68548/5	o46648.d	03/25/2011	22:21
PMP-9-SIE (10.5-11)	460-24277-3	o46661.d	03/26/2011	04:04
PMP-13-VD-E (3.5-4)	460-24277-11	o46664.d	03/26/2011	05:18
PMP-13-SI-E (15.5-16)	460-24277-13	o46665.d	03/26/2011	05:43

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: o46667.d BFB Injection Date: 03/28/2011

Instrument ID: VOAMS12 BFB Injection Time: 03:44

Analysis Batch No.: 68639

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.4	
75	30.0 - 60.0 % of mass 95	46.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.8	(0.9)1
174	50.0 - 120.00 % of mass 95	87.8	
175	5.0 - 9.0 % of mass 174	5.4	(6.2)1
176	95.0 - 101.0 % of mass 174	88.1	(100.3)1
177	5.0 - 9.0 % of mass 176	4.9	(5.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-68639/2	o46668.d	03/28/2011	04:23
	LCS 460-68639/3	o46669.d	03/28/2011	04:47
	LCSD 460-68639/4	o46670.d	03/28/2011	05:12
	MB 460-68639/5	o46672.d	03/28/2011	06:16
PMP-15VD-E (3.5-4)	460-24277-18	o46675.d	03/28/2011	07:31
PMP-15-SI-E (15.5-16)	460-24277-20	o46676.d	03/28/2011	07:56
PMP-15-SD-E (23.5-24.0)	460-24277-21	o46677.d	03/28/2011	08:21
PMP-28-VD-E (3-5)	460-24277-22	o46678.d	03/28/2011	08:45

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: o46695.d BFB Injection Date: 03/28/2011

Instrument ID: VOAMS12 BFB Injection Time: 16:44

Analysis Batch No.: 68728

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.5	
75	30.0 - 60.0 % of mass 95	46.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	1.1	(1.2)1
174	50.0 - 120.00 % of mass 95	96.5	
175	5.0 - 9.0 % of mass 174	7.0	(7.2)1
176	95.0 - 101.0 % of mass 174	93.6	(97.0)1
177	5.0 - 9.0 % of mass 176	5.8	(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-68728/2	o46697.d	03/28/2011	17:31
	LCS 460-68728/3	o46699.d	03/28/2011	18:34
	LCSD 460-68728/4	o46700.d	03/28/2011	18:59
	MB 460-68728/5	o46702.d	03/28/2011	20:07
PMP-16-VD-E (3.5-4.0)	460-24277-15	o46703.d	03/28/2011	20:44

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: o46721.d BFB Injection Date: 03/29/2011

Instrument ID: VOAMS12 BFB Injection Time: 04:14

Analysis Batch No.: 68801

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.5	
75	30.0 - 60.0 % of mass 95	48.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	8.6	
173	Less than 2.0 % of mass 174	1.0	(1.2)1
174	50.0 - 120.00 % of mass 95	84.7	
175	5.0 - 9.0 % of mass 174	5.9	(7.0)1
176	95.0 - 101.0 % of mass 174	83.6	(98.7)1
177	5.0 - 9.0 % of mass 176	6.4	(7.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-68801/2	o46722.d	03/29/2011	04:51
	LCS 460-68801/3	o46723.d	03/29/2011	05:16
	LCSD 460-68801/4	o46724.d	03/29/2011	06:18
	MB 460-68801/5	o46727.d	03/29/2011	07:48
PMP-10-VD-E (3.5-4.0)	460-24277-7	o46728.d	03/29/2011	08:12
PMP-10-ST2-E (23.5-24)	460-24277-10	o46729.d	03/29/2011	08:37
PMP-10-ST1-E (15-15.5)	460-24277-9	o46730.d	03/29/2011	09:02
PMP-28-SI2-E (15-17)	460-24277-25	o46732.d	03/29/2011	09:52
PMP-17-SI-E (10.5-11.0)	460-24277-28	o46734.d	03/29/2011	10:42
PMP-18-VD-E (3.5-4)	460-24277-29	o46735.d	03/29/2011	11:06
PMP-18-WT-E (8-8.5)	460-24277-30	o46736.d	03/29/2011	11:31

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: p44656.d BFB Injection Date: 03/03/2011

Instrument ID: VOAMS13 BFB Injection Time: 00:44

Analysis Batch No.: 66327

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.0	
75	30.0 - 60.0 % of mass 95	53.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.6	(0.8)1
174	50.0 - 120.00 % of mass 95	82.8	
175	5.0 - 9.0 % of mass 174	7.5	(9.0)1
176	95.0 - 101.0 % of mass 174	82.5	(99.6)1
177	5.0 - 9.0 % of mass 176	6.2	(7.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-66327/2	p44659.d	03/03/2011	02:00
	IC 460-66327/3	p44661.d	03/03/2011	02:53
	ICIS 460-66327/4	p44662.d	03/03/2011	03:19
	IC 460-66327/5	p44663.d	03/03/2011	03:45
	IC 460-66327/6	p44664.d	03/03/2011	04:11
	IC 460-66327/7	p44665.d	03/03/2011	04:37

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: p45572.d BFB Injection Date: 03/30/2011

Instrument ID: VOAMS13 BFB Injection Time: 09:28

Analysis Batch No.: 68934

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.4	
75	30.0 - 60.0 % of mass 95	53.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	8.9	
173	Less than 2.0 % of mass 174	1.0	(1.0)1
174	50.0 - 120.00 % of mass 95	98.1	
175	5.0 - 9.0 % of mass 174	7.5	(7.6)1
176	95.0 - 101.0 % of mass 174	96.6	(98.5)1
177	5.0 - 9.0 % of mass 176	4.9	(5.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-68934/2	p45574.d	03/30/2011	10:13
	LCS 460-68934/3	p45575.d	03/30/2011	10:38
	MB 460-68934/4	p45578.d	03/30/2011	12:07
PMP-13-SD-E (23.5-24)	460-24277-14	p45580.d	03/30/2011	13:00
	460-24265-D-6-A MS	p45584.d	03/30/2011	14:41
	460-24265-D-6-A MSD	p45585.d	03/30/2011	15:06

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: j97499.d BFB Injection Date: 02/08/2011

Instrument ID: VOAMS8 BFB Injection Time: 06:28

Analysis Batch No.: 63928

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.5	
75	30.0 - 60.0 % of mass 95	46.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.1	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	72.3	
175	5.0 - 9.0 % of mass 174	5.6	(7.7)1
176	95.0 - 101.0 % of mass 174	71.1	(98.4)1
177	5.0 - 9.0 % of mass 176	5.1	(7.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-63928/2	j97500.d	02/08/2011	06:54
	IC 460-63928/3	j97501.d	02/08/2011	07:19
	IC 460-63928/4	j97502.d	02/08/2011	07:45
	IC 460-63928/5	j97503.d	02/08/2011	08:11
	IC 460-63928/6	j97508.d	02/08/2011	10:24
	IC 460-63928/7	j97511.d	02/08/2011	11:41

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: j98564.d BFB Injection Date: 03/23/2011

Instrument ID: VOAMS8 BFB Injection Time: 07:06

Analysis Batch No.: 68208

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.1	
75	30.0 - 60.0 % of mass 95	48.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.5	(0.7)1
174	50.0 - 120.00 % of mass 95	67.2	
175	5.0 - 9.0 % of mass 174	5.1	(7.6)1
176	95.0 - 101.0 % of mass 174	67.3	(100.1)1
177	5.0 - 9.0 % of mass 176	4.4	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-68208/2	j98566.d	03/23/2011	07:57
	LCS 460-68208/3	j98567.d	03/23/2011	08:30
	MB 460-68208/4	j98569.d	03/23/2011	09:37
	460-24232-C-2-A MS	j98576.d	03/23/2011	13:15
	460-24232-C-2-A MSD	j98577.d	03/23/2011	13:47
PMP-9-VD-E (3.5-4.0)	460-24277-1	j98585.d	03/23/2011	17:59
PMP-9-WT-E (8-8.5)	460-24277-2	j98586.d	03/23/2011	18:32

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: j98615.d BFB Injection Date: 03/24/2011

Instrument ID: VOAMS8 BFB Injection Time: 08:56

Analysis Batch No.: 68358

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.1	
75	30.0 - 60.0 % of mass 95	50.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.7	
173	Less than 2.0 % of mass 174	0.5	(0.7)1
174	50.0 - 120.00 % of mass 95	74.7	
175	5.0 - 9.0 % of mass 174	6.1	(8.2)1
176	95.0 - 101.0 % of mass 174	71.3	(95.5)1
177	5.0 - 9.0 % of mass 176	4.8	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-68358/2	j98616.d	03/24/2011	09:16
	LCS 460-68358/3	j98617.d	03/24/2011	09:50
	MB 460-68358/4	j98619.d	03/24/2011	10:56
	460-24288-A-1-A MS	j98621.d	03/24/2011	12:11
	460-24288-A-1-A MSD	j98622.d	03/24/2011	12:43
DUP-031711 (3.5-4)	460-24277-4	j98627.d	03/24/2011	15:26
PMP-10-WT-E (7.5-8.0)	460-24277-8	j98628.d	03/24/2011	15:58
DUP-031711 (8-8.5)	460-24277-5	j98629.d	03/24/2011	16:31
DUP-031711 (10.5-11)	460-24277-6	j98630.d	03/24/2011	17:03
PMP-13-WT-E (7.5-8.0)	460-24277-12	j98632.d	03/24/2011	18:08
PMP-16-WT-E (8.0-8.5)	460-24277-16	j98633.d	03/24/2011	18:40
PMP-16-SI-E (10.5-11.0)	460-24277-17	j98634.d	03/24/2011	19:13
PMP-15-WT-E (7.5-8)	460-24277-19	j98635.d	03/24/2011	19:45
PMP-28-WT-E (8-8.5)	460-24277-23	j98637.d	03/24/2011	20:50

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: j98658.d BFB Injection Date: 03/25/2011

Instrument ID: VOAMS8 BFB Injection Time: 09:26

Analysis Batch No.: 68512

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.1	
75	30.0 - 60.0 % of mass 95	47.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	72.1	
175	5.0 - 9.0 % of mass 174	5.2	(7.2)1
176	95.0 - 101.0 % of mass 174	68.7	(95.3)1
177	5.0 - 9.0 % of mass 176	4.6	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-68512/2	j98659.d	03/25/2011	09:49
	LCS 460-68512/3	j98661.d	03/25/2011	11:41
	MB 460-68512/4	j98663.d	03/25/2011	12:48
PMP-17-VD-E (3.5-4)	460-24277-26	j98664.d	03/25/2011	13:23
PMP-18-SI-E (10.5-11)	460-24277-31	j98668.d	03/25/2011	15:33
PMP-18-SI-E (10.5-11) MS	460-24277-31 MS	j98669.d	03/25/2011	16:05
PMP-18-SI-E (10.5-11) MSD	460-24277-31 MSD	j98670.d	03/25/2011	16:38
PMP-28-SI1-E (11-13)	460-24277-24	j98677.d	03/25/2011	20:24

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: j98776.d BFB Injection Date: 03/31/2011

Instrument ID: VOAMS8 BFB Injection Time: 07:56

Analysis Batch No.: 69045

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.5	
75	30.0 - 60.0 % of mass 95	45.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.5	
173	Less than 2.0 % of mass 174	0.2	(0.3)1
174	50.0 - 120.00 % of mass 95	72.3	
175	5.0 - 9.0 % of mass 174	5.7	(7.9)1
176	95.0 - 101.0 % of mass 174	69.8	(96.5)1
177	5.0 - 9.0 % of mass 176	4.4	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69045/2	j98777.d	03/31/2011	08:19
	LCS 460-69045/3	j98779.d	03/31/2011	10:07
	MB 460-69045/4	j98782.d	03/31/2011	11:44
PMP-17-WT-E (8-8.5)	460-24277-27	j98783.d	03/31/2011	12:16
	460-24279-D-2-A MS	j98788.d	03/31/2011	14:58
	460-24279-D-2-A MSD	j98792.d	03/31/2011	17:08

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-68548/2 Date Analyzed: 03/25/2011 19:17

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o46643.d Heated Purge: (Y/N) Y

Calibration ID: 9726

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		954256	4.04	673681	7.76	371301	11.48
UPPER LIMIT		1908512	4.54	1347362	8.26	742602	11.98
LOWER LIMIT		477128	3.54	336841	7.26	185651	10.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68548/3		930455	4.04	663473	7.76	373255	11.48
LCSD 460-68548/4		1026064	4.04	709912	7.76	384202	11.48
MB 460-68548/5		946457	4.04	661077	7.76	361539	11.47
460-24277-3	PMP-9-SIE (10.5-11)	825657	4.04	625658	7.76	370447	11.48
460-24277-11	PMP-13-VD-E (3.5-4)	985667	4.04	683546	7.76	382862	11.47
460-24277-13	PMP-13-SI-E (15.5-16)	979899	4.04	686680	7.76	387293	11.47

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-68639/2 Date Analyzed: 03/28/2011 04:23

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o46668.d Heated Purge: (Y/N) Y

Calibration ID: 9726

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1010513	4.04	697426	7.76	377480	11.47
UPPER LIMIT		2021026	4.54	1394852	8.26	754960	11.97
LOWER LIMIT		505257	3.54	348713	7.26	188740	10.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68639/3		962683	4.04	667413	7.76	366733	11.47
LCSD 460-68639/4		914576	4.04	641256	7.76	350960	11.47
MB 460-68639/5		809048	4.04	572963	7.76	317354	11.47
460-24277-18	PMP-15VD-E (3.5-4)	946635	4.04	682096	7.76	388111	11.47
460-24277-20	PMP-15-SI-E (15.5-16)	926993	4.04	691510	7.76	393376	11.47
460-24277-21	PMP-15-SD-E (23.5-24.0)	988425	4.04	701520	7.76	392624	11.47
460-24277-22	PMP-28-VD-E (3-5)	905322	4.04	662413	7.76	347517	11.47

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-68728/2 Date Analyzed: 03/28/2011 17:31

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o46697.d Heated Purge: (Y/N) Y

Calibration ID: 9726

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1030864	4.04	722825	7.76	393703	11.48
UPPER LIMIT		2061728	4.54	1445650	8.26	787406	11.98
LOWER LIMIT		515432	3.54	361413	7.26	196852	10.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68728/3		947648	4.04	675105	7.76	375226	11.48
LCSD 460-68728/4		917979	4.04	648790	7.76	360335	11.48
MB 460-68728/5		903242	4.04	637949	7.76	356600	11.47
460-24277-15	PMP-16-VD-E (3.5-4.0)	1011437	4.04	739862	7.76	411136	11.48

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-68801/2 Date Analyzed: 03/29/2011 04:51

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o46722.d Heated Purge: (Y/N) Y

Calibration ID: 9726

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		902181	4.03	632364	7.76	361172	11.47
UPPER LIMIT		1804362	4.53	1264728	8.26	722344	11.97
LOWER LIMIT		451091	3.53	316182	7.26	180586	10.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68801/3		962189	4.03	676783	7.76	370482	11.47
LCSD 460-68801/4		863943	4.03	601807	7.76	335464	11.47
MB 460-68801/5		818325	4.03	577905	7.76	323966	11.47
460-24277-7	PMP-10-VD-E (3.5-4.0)	815398	4.03	613830	7.76	350071	11.46
460-24277-10	PMP-10-ST2-E (23.5-24)	919047	4.03	670690	7.76	387731	11.46
460-24277-9	PMP-10-ST1-E (15-15.5)	992358	4.03	703688	7.76	411470	11.47
460-24277-25	PMP-28-SI2-E (15-17)	1077702	4.03	766579	7.76	429315	11.47
460-24277-28	PMP-17-SI-E (10.5-11.0)	1053509	4.03	763892	7.76	433466	11.47
460-24277-29	PMP-18-VD-E (3.5-4)	1014770	4.03	752470	7.76	410724	11.47
460-24277-30	PMP-18-WT-E (8-8.5)	1053287	4.03	778703	7.76	438912	11.47

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-68934/2 Date Analyzed: 03/30/2011 10:13

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p45574.d Heated Purge: (Y/N) N

Calibration ID: 10017

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		544693	2.97	412225	6.13	253148	8.30
UPPER LIMIT		1089386	3.47	824450	6.63	506296	8.80
LOWER LIMIT		272347	2.47	206113	5.63	126574	7.80
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68934/3		509717	2.97	383947	6.13	235416	8.30
MB 460-68934/4		524505	2.97	408513	6.13	243602	8.30
460-24277-14	PMP-13-SD-E (23.5-24)	492563	2.97	390378	6.13	239085	8.30
460-24265-D-6-A MS		510742	2.97	404136	6.13	250546	8.30
460-24265-D-6-A MSD		510809	2.97	394983	6.13	246012	8.30

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-68208/2 Date Analyzed: 03/23/2011 07:57

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): j98566.d Heated Purge: (Y/N) N

Calibration ID: 9575

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1484949	7.87	1074841	11.34	599020	13.78
UPPER LIMIT		2969898	8.37	2149682	11.84	1198040	14.28
LOWER LIMIT		742475	7.37	537421	10.84	299510	13.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68208/3		1388358	7.87	1013887	11.34	581226	13.78
MB 460-68208/4		1504880	7.89	1141216	11.35	667868	13.78
460-24232-C-2-A MS		1372249	7.90	1076669	11.36	572157	13.79
460-24232-C-2-A MSD		1262663	7.90	1006568	11.36	530306	13.79
460-24277-1	PMP-9-VD-E (3.5-4.0)	1312660	7.93	1015798	11.38	572104	13.82
460-24277-2	PMP-9-WT-E (8-8.5)	1228306	7.92	952405	11.37	526094	13.81

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-68358/2 Date Analyzed: 03/24/2011 09:16

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): j98616.d Heated Purge: (Y/N) N

Calibration ID: 9575

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1115989	7.88	833834	11.35	469698	13.79
UPPER LIMIT		2231978	8.38	1667668	11.85	939396	14.29
LOWER LIMIT		557995	7.38	416917	10.85	234849	13.29
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68358/3		1226101	7.88	889411	11.35	507805	13.79
MB 460-68358/4		1220574	7.90	926578	11.36	510108	13.79
460-24288-A-1-A MS		1359295	7.89	995331	11.36	558500	13.79
460-24288-A-1-A MSD		1228271	7.89	927117	11.35	515032	13.79
460-24277-4	DUP-031711 (3.5-4)	1372805	7.90	1015352	11.35	573131	13.79
460-24277-8	PMP-10-WT-E (7.5-8.0)	1214368	7.89	920987	11.35	520926	13.79
460-24277-5	DUP-031711 (8-8.5)	1383580	7.89	1063603	11.35	587697	13.79
460-24277-6	DUP-031711 (10.5-11)	1385462	7.90	1055909	11.35	578279	13.78
460-24277-12	PMP-13-WT-E (7.5-8.0)	1439875	7.89	1087011	11.35	600624	13.78
460-24277-16	PMP-16-WT-E (8.0-8.5)	1485025	7.89	1117499	11.35	639797	13.79
460-24277-17	PMP-16-SI-E (10.5-11.0)	1307812	7.89	981428	11.35	541588	13.79
460-24277-19	PMP-15-WT-E (7.5-8)	1453121	7.89	1133161	11.35	552940	13.79
460-24277-23	PMP-28-WT-E (8-8.5)	1335334	7.89	1000731	11.35	551048	13.79

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-68512/2 Date Analyzed: 03/25/2011 09:49

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): j98659.d Heated Purge: (Y/N) N

Calibration ID: 9575

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1248648	7.86	917843	11.33	494199	13.76
UPPER LIMIT		2497296	8.36	1835686	11.83	988398	14.26
LOWER LIMIT		624324	7.36	458922	10.83	247100	13.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68512/3		1359429	7.86	1005569	11.33	563981	13.76
MB 460-68512/4		1200326	7.88	929265	11.34	523403	13.77
460-24277-26	PMP-17-VD-E (3.5-4)	1322672	7.86	968162	11.33	546579	13.77
460-24277-31	PMP-18-SI-E (10.5-11)	1412146	7.88	1052875	11.34	610266	13.77
460-24277-31 MS	PMP-18-SI-E (10.5-11) MS	1313957	7.89	974724	11.35	547611	13.77
460-24277-31 MSD	PMP-18-SI-E (10.5-11) MSD	1385073	7.89	1026299	11.34	547957	13.78
460-24277-24	PMP-28-SI1-E (11-13)	1425799	7.88	1093300	11.33	529364	13.77

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-69045/2 Date Analyzed: 03/31/2011 08:19

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): j98777.d Heated Purge: (Y/N) N

Calibration ID: 9575

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1158997	7.87	876655	11.35	477921	13.78
UPPER LIMIT		2317994	8.37	1753310	11.85	955842	14.28
LOWER LIMIT		579499	7.37	438328	10.85	238961	13.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-69045/3		1263479	7.88	939375	11.35	503999	13.79
MB 460-69045/4		1292491	7.88	977737	11.34	519332	13.78
460-24277-27	PMP-17-WT-E (8-8.5)	1276182	7.91	975968	11.36	520211	13.80
460-24279-D-2-A MS		1381587	7.91	1131235	11.36	556453	13.80
460-24279-D-2-A MSD		1362643	7.92	1129043	11.37	508760	13.80

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-1

Matrix: Solid | Lab File ID: j98585.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:55

Sample wt/vol: 5.36(g) | Date Analyzed: 03/23/2011 17:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 4.4 | Level: (low/med) Medium

Analysis Batch No.: 68208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	49	U	49	10
74-83-9	Bromomethane	49	U	49	15
75-01-4	Vinyl chloride	49	U	49	5.8
75-00-3	Chloroethane	49	U	49	22
75-09-2	Methylene Chloride	49	U	49	9.4
67-64-1	Acetone	490	U	490	120
75-15-0	Carbon disulfide	49	U	49	7.1
75-69-4	Trichlorofluoromethane	49	U	49	7.7
75-35-4	1,1-Dichloroethene	49	U	49	6.9
75-34-3	1,1-Dichloroethane	49	U	49	4.9
156-60-5	trans-1,2-Dichloroethene	49	U	49	6.7
156-59-2	cis-1,2-Dichloroethene	49	U	49	9.4
67-66-3	Chloroform	49	U	49	7.6
78-93-3	2-Butanone	490	U	490	40
107-06-2	1,2-Dichloroethane	49	U	49	12
71-55-6	1,1,1-Trichloroethane	49	U	49	12
56-23-5	Carbon tetrachloride	49	U	49	8.8
71-43-2	Benzene	49	U	49	5.8
75-25-2	Bromoform	49	U	49	4.8
100-42-5	Styrene	49	U	49	6.8
100-41-4	Ethylbenzene	64		49	12
108-90-7	Chlorobenzene	49	U	49	8.1
110-82-7	Cyclohexane	49	U	49	6.0
98-82-8	Isopropylbenzene	38	J	49	10
591-78-6	2-Hexanone	490	U	490	27
1634-04-4	MTBE	49	U	49	9.0
76-13-1	Freon TF	49	U	49	14
79-20-9	Methyl acetate	98	U	98	16
123-91-1	1,4-Dioxane	2400	U	2400	410
79-01-6	Trichloroethene	49	U	49	8.7
108-88-3	Toluene	6.4	J	49	4.6
10061-02-6	trans-1,3-Dichloropropene	49	U	49	6.0
108-10-1	4-Methyl-2-pentanone	490	U	490	33
10061-01-5	cis-1,3-Dichloropropene	49	U	49	5.0
95-50-1	1,2-Dichlorobenzene	13	J	49	7.9
541-73-1	1,3-Dichlorobenzene	49	U	49	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-1

Matrix: Solid | Lab File ID: j98585.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:55

Sample wt/vol: 5.36(g) | Date Analyzed: 03/23/2011 17:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 4.4 | Level: (low/med) Medium

Analysis Batch No.: 68208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	49	U	49	7.4
120-82-1	1,2,4-Trichlorobenzene	550		49	21
87-61-6	1,2,3-Trichlorobenzene	49	U	49	41
78-87-5	1,2-Dichloropropane	49	U	49	4.3
108-87-2	Methylcyclohexane	49	U	49	3.9
127-18-4	Tetrachloroethene	11	J	49	9.6
1330-20-7	Xylenes, Total	300		150	21
96-12-8	1,2-Dibromo-3-Chloropropane	49	U	49	7.5
79-34-5	1,1,2,2-Tetrachloroethane	49	U	49	4.2
79-00-5	1,1,2-Trichloroethane	49	U	49	4.7
124-48-1	Dibromochloromethane	49	U	49	4.9
106-93-4	1,2-Dibromoethane	49	U	49	4.5
75-71-8	Dichlorodifluoromethane	49	U	49	14
74-97-5	Bromochloromethane	49	U	49	8.4
75-27-4	Bromodichloromethane	49	U	49	4.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		57-135
2037-26-5	Toluene-d8 (Surr)	84		46-130
460-00-4	Bromofluorobenzene	104		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) Lab Sample ID: 460-24277-1

Matrix: Solid Lab File ID: j98585.d

Analysis Method: 8260B Date Collected: 03/17/2011 13:55

Sample wt/vol: 5.36(g) Date Analyzed: 03/23/2011 17:59

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 4.4 Level: (low/med) Medium

Analysis Batch No.: 68208 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 31600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C10H20 Cycloalkane	13.63	1800	J
	Decahydronaphthalene isomer	14.24	4200	J
	Coeluting Aromatics	14.82	4400	J
	Decahydromethylnaphthalene isomer	15.02	3400	J
	Decahydromethylnaphthalene isomer-1	15.31	4100	J
	C10H14 Aromatic/C13H28 Alkane	15.77	3500	J
	C14H30 Alkane	16.67	2800	J
	Unknown-3	17.11	4500	J
	Unknown-5	17.60	1500	J
	C12H16 Aromatic	18.28	1400	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98585.d
Report Date: 29-Mar-2011 17:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98585.d
Lab Smp Id: 460-24277-B-1-A Client Smp ID: PMP-9-VD-E (3.5-4.0
Inj Date : 23-MAR-2011 17:59
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-1-A;50;;5.36;5
Misc Info : 460-24277-B-1-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/8260_09.m
Meth Date : 23-Mar-2011 08:26 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 21
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.36000	Weight of sample extracted (g)
M	4.36681	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.521	7.462	(0.948)	414261	49.7771	2400
*	52 Fluorobenzene	96	7.933	7.875	(1.000)	1312660	50.0000	
$	65 Toluene-d8 (SUR)	98	9.794	9.740	(0.860)	1002147	42.1931	2000
	66 Toluene	91	9.868	9.826	(0.867)	4114	0.13063	6.4(a)
	71 Tetrachloroethene	166	10.489	10.430	(0.921)	2697	0.22521	11(a)
*	78 Chlorobenzene-d5	117	11.384	11.338	(1.000)	1015798	50.0000	
	81 Ethylbenzene	106	11.512	11.467	(1.011)	12663	1.31247	64
	82 m+p-Xylene	106	11.622	11.578	(1.021)	27260	2.05004	100
	84 o-Xylene	106	12.033	11.994	(1.057)	53351	4.03323	200
	88 Isopropylbenzene	105	12.400	12.360	(1.089)	23254	0.78220	38(a)
$	89 Bromofluorobenzene (SUR)	174	12.584	12.545	(0.911)	565730	52.1132	2500
	95 n-Propylbenzene	91	12.820	12.776	(0.928)	22429	0.67228	33(a)
	97 1,3,5-Trimethylbenzene	105	12.984	12.940	(0.939)	275409	12.0535	590(H)
	101 1,2,4-Trimethylbenzene	105	13.395	13.352	(0.969)	208083	8.24759	400

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98585.d
Report Date: 29-Mar-2011 17:25

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
* 108 1,4-Dichlorobenzene-d4	152	13.820	13.783	(1.000)	572104	50.0000	
111 1,2-Dichlorobenzene	146	14.298	14.251	(1.035)	4726	0.26267	13(aH)
114 1,2,4-Trichlorobenzene	180	16.470	16.401	(1.192)	121832	11.2343	550
M 121 Xylene (Total)	100				80611	6.08327	300

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98585.d
Report Date: 29-Mar-2011 17:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98585.d
Lab Smp Id: 460-24277-B-1-A Client Smp ID: PMP-9-VD-E (3.5-4.0
Inj Date : 23-MAR-2011 17:59
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-1-A;50;;5.36;5
Misc Info : 460-24277-B-1-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/8260_09.m
Meth Date : 23-Mar-2011 08:26 desai Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 21
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.36000	Weight of sample extracted (g)
M	4.36681	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.384	3281786	50.000
* 108 1,4-Dichlorobenzene-d4	13.820	3978550	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
12.225	1709865	26.0508283	1300	0		0	78(L)
Unknown Cycloalkane				CAS #:			
12.749	1238797	15.5684521	760	0		0	108(L)

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98585.d
Report Date: 29-Mar-2011 17:25

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Ethylmethylbenzene isomer/Unknown-1					CAS #:		
13.224	1438666	18.0802790	880	0		0	108
C10H20 Cycloalkane					CAS #:		
13.627	3000611	37.7098570	1800	0		0	108(L)
Decahydronaphthalene isomer					CAS #:		
14.243	6888482	86.5702499	4200	0		0	108(L)
Unknown Cycloalkane-1					CAS #:		
14.418	1688311	21.2176724	1000	0		0	108
Unknown-1					CAS #:		
14.582	2032600	25.5444826	1200	0		0	108
Coeluting Aromatics					CAS #:		
14.816	7114652	89.4126192	4400	0		0	108
Decahydromethylnaphthalene isomer					CAS #:		
15.015	5523710	69.4186268	3400	0		0	108
Decahydromethylnaphthalene isomer-1					CAS #:		
15.309	6697240	84.1668397	4100	0		0	108
C12H26 Alkane/C11H14 Aromatic					CAS #:		
15.519	1159267	14.5689605	710	0		0	108(L)
C10H14 Aromatic/C13H28 Alkane					CAS #:		
15.766	5722996	71.9231331	3500	0		0	108
C12H18 Aromatic					CAS #:		
15.947	1758130	22.0951088	1100	0		0	108(L)
Unknown-2					CAS #:		
16.185	2234451	28.0812274	1400	0		0	108
C14H30 Alkane					CAS #:		
16.674	4510141	56.6807160	2800	0		0	108
Unknown-3					CAS #:		
17.114	7308716	91.8515006	4500	0		0	108
Unknown-4					CAS #:		
17.470	1129909	14.2000036	690	0		0	108

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98585.d
Report Date: 29-Mar-2011 17:25

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-5					CAS #:		
17.598	2382154	29.9374579	1500	0		0	108
C12H16 Aromatic					CAS #:		
18.277	2301135	28.9192602	1400	0		0	108
Naphthalene, 2-methyl-					CAS #: 91-57-6		
19.204	948860	11.9247015	580	94	NIST02.l	18501	108

QC Flag Legend

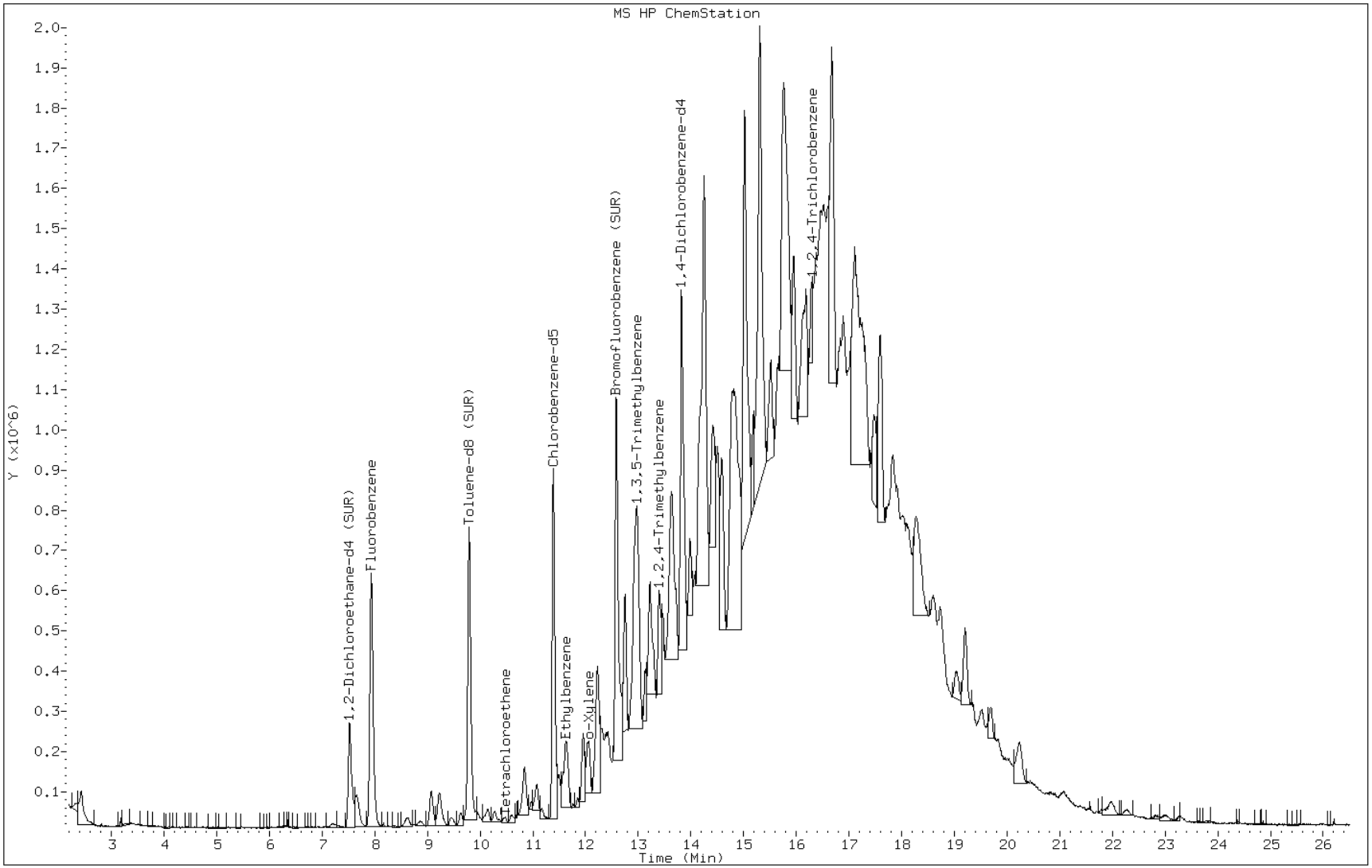
L - Operator selected an alternate library search match.

Data File: j98585.d

Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:



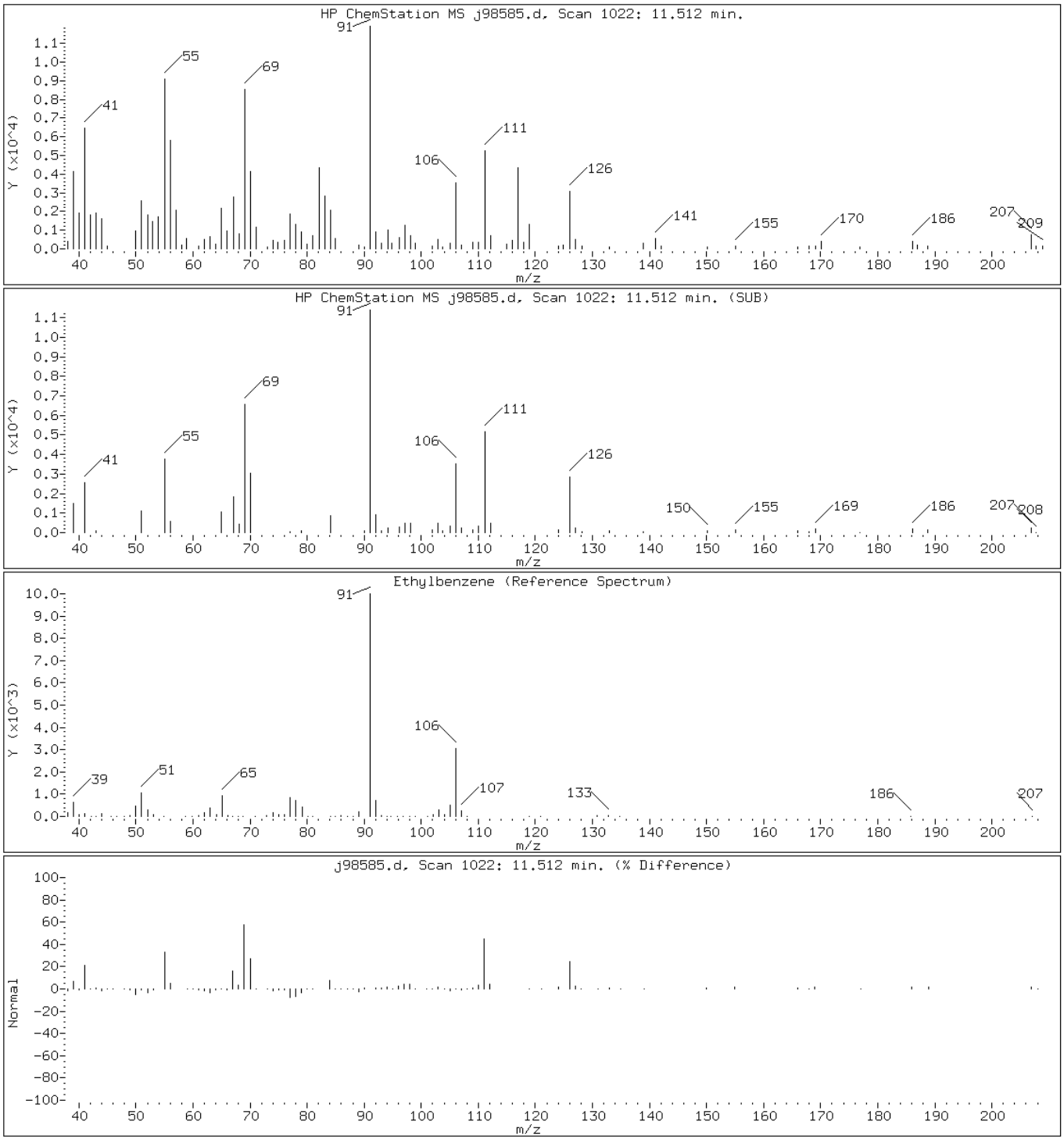
Data File: j98585.d

Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

81 Ethylbenzene



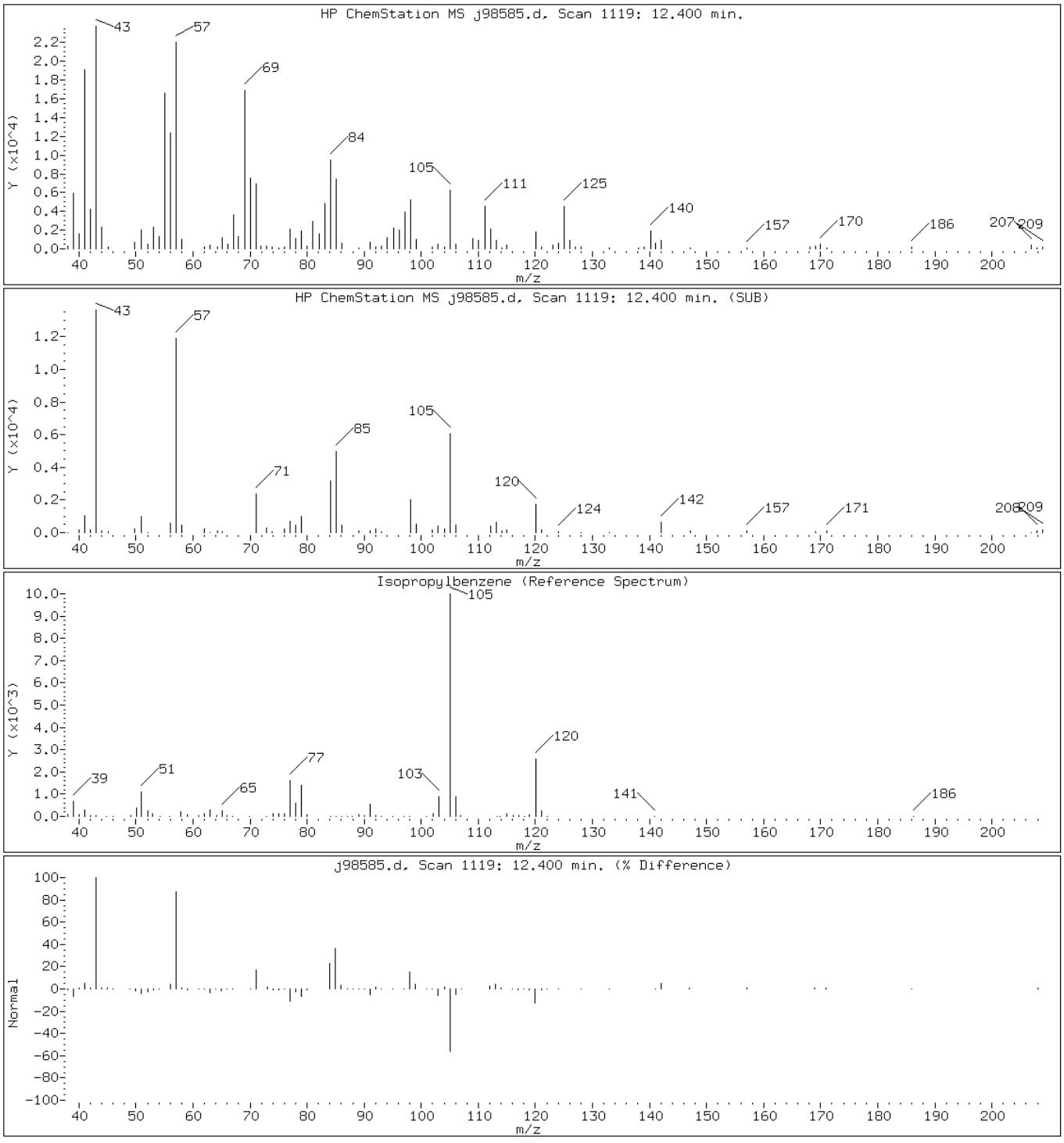
Data File: j98585.d

Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

88 Isopropylbenzene



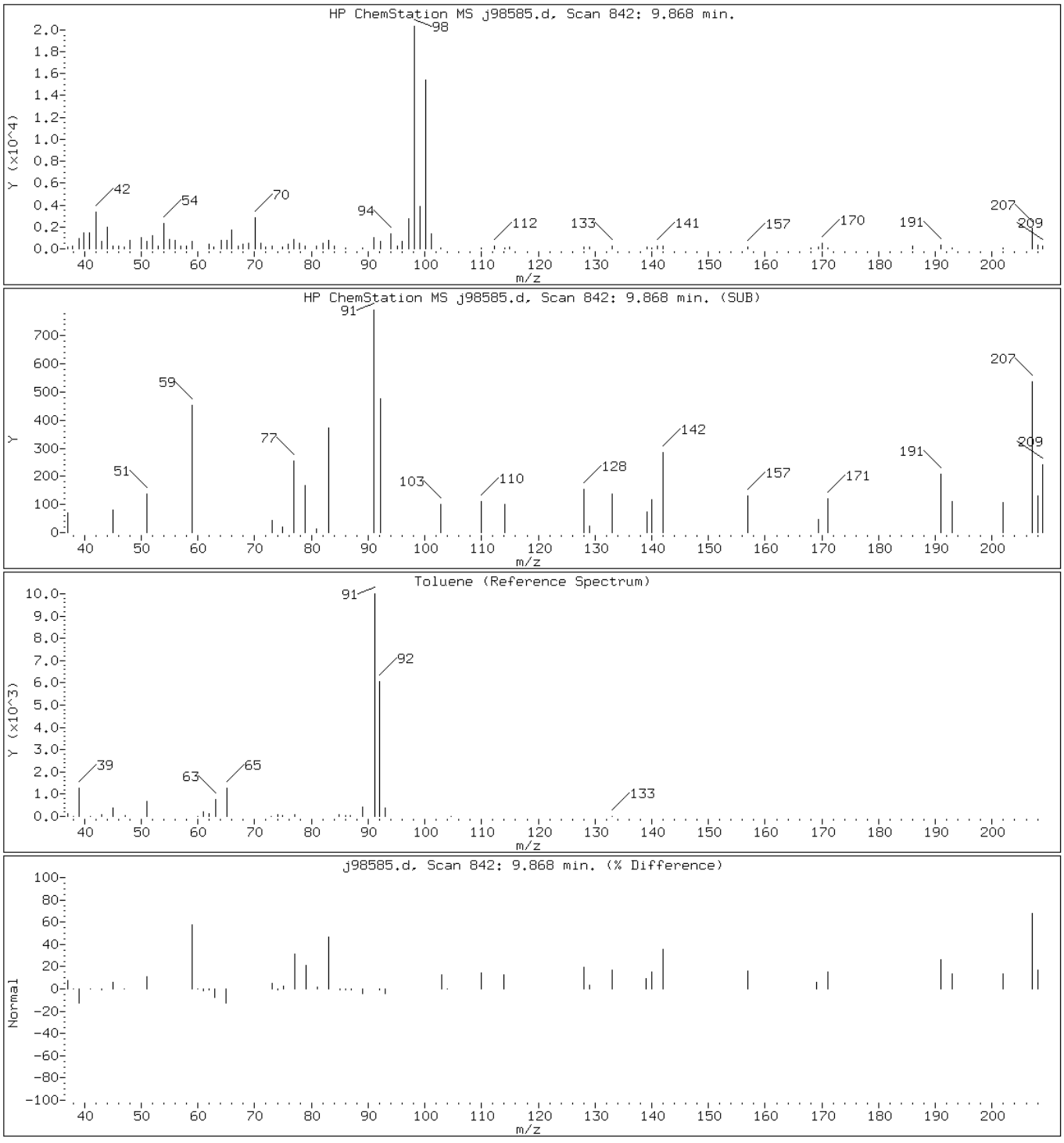
Data File: j98585.d

Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

66 Toluene



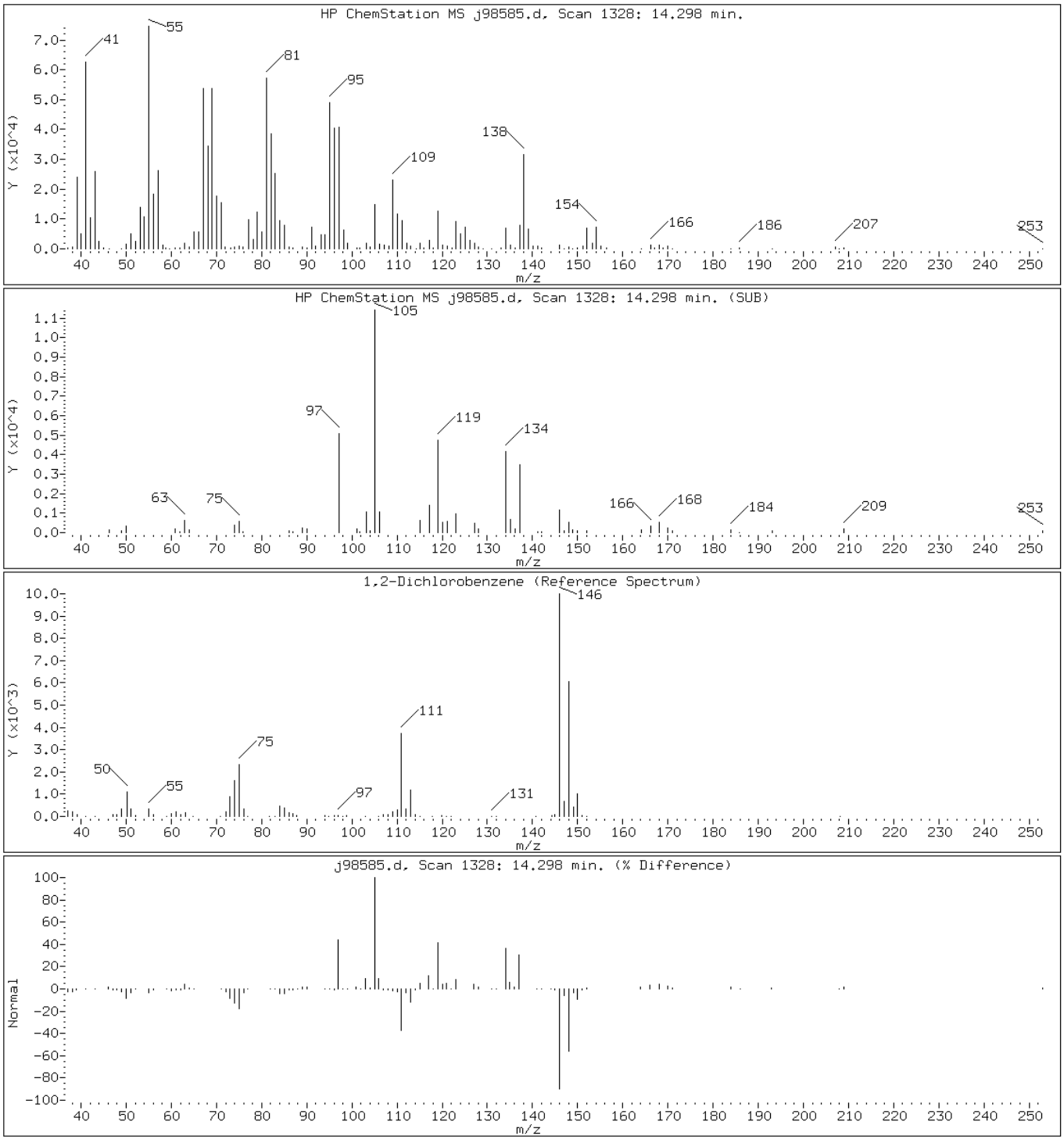
Data File: j98585.d

Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

111 1,2-Dichlorobenzene



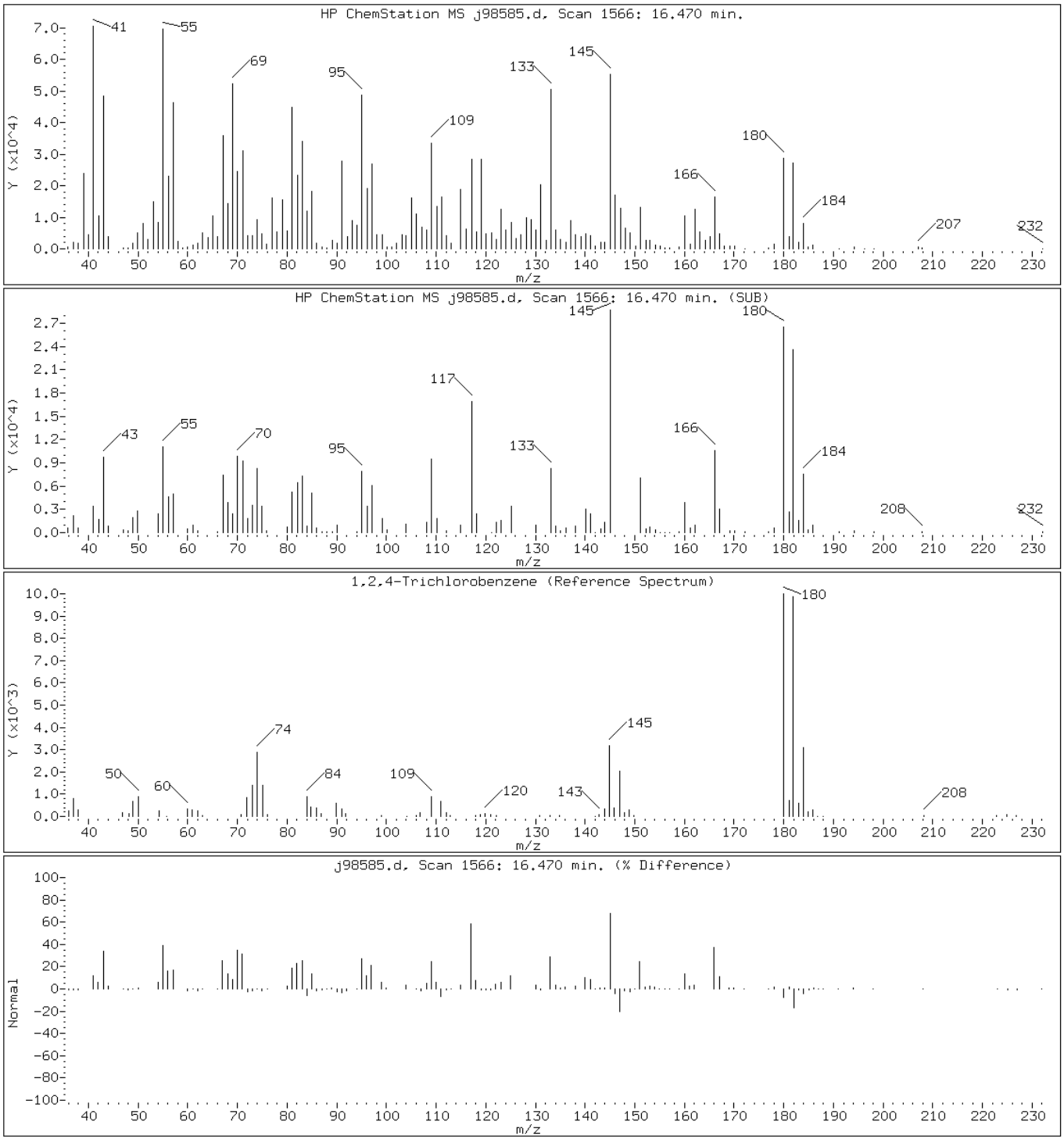
Data File: j98585.d

Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

114 1,2,4-Trichlorobenzene



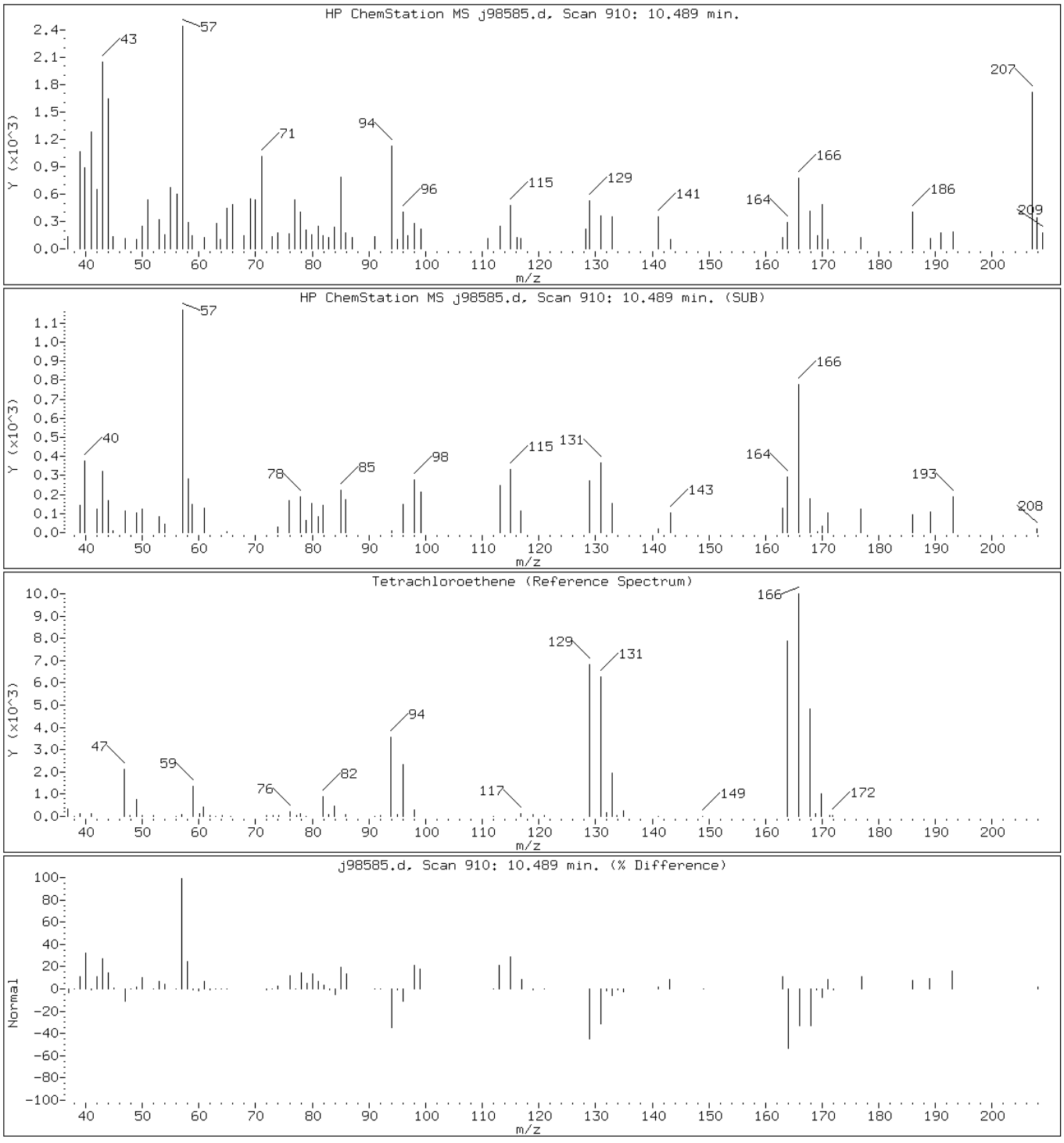
Data File: j98585.d

Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

71 Tetrachloroethene



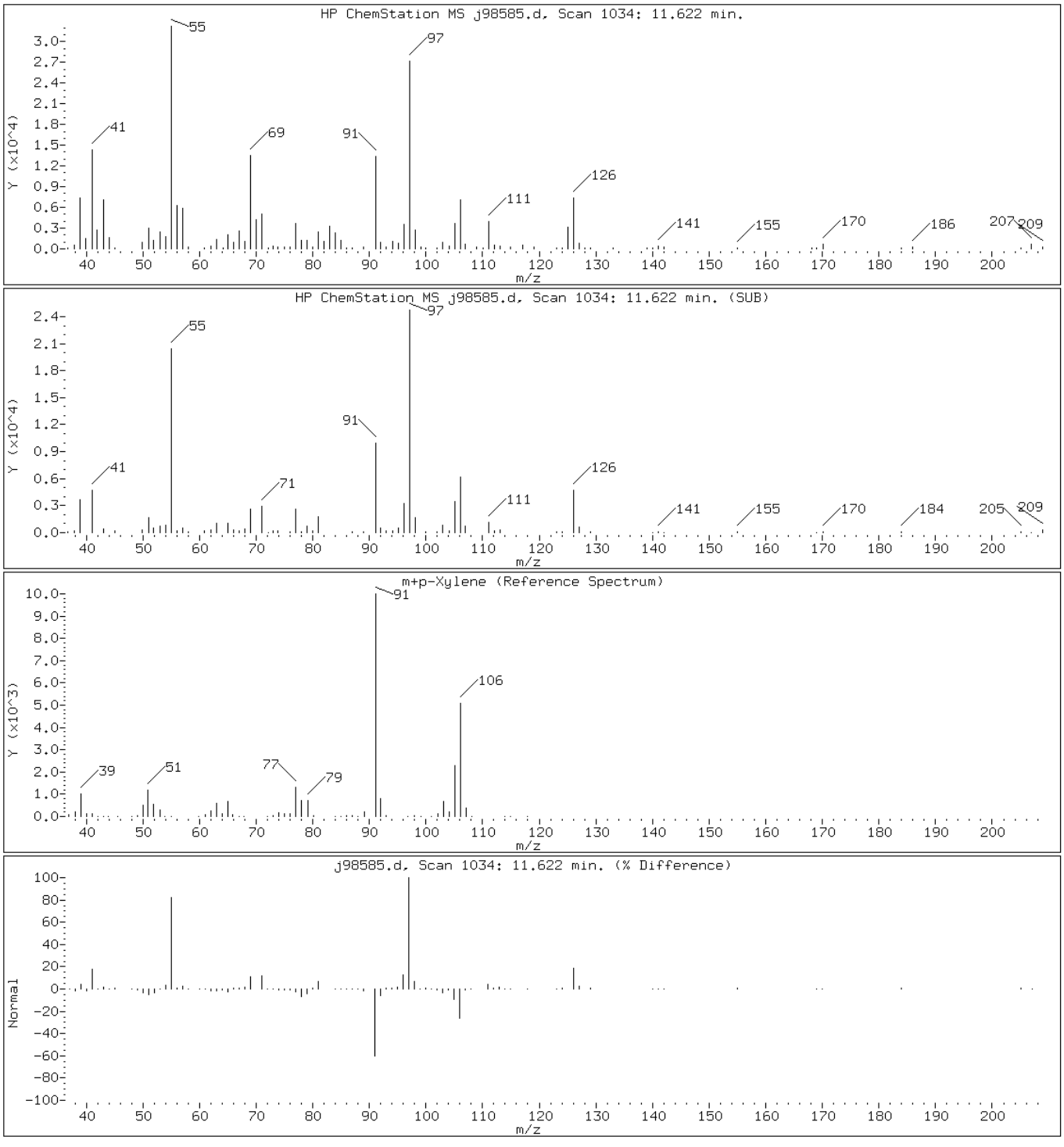
Data File: j98585.d

Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

82 m+p-Xylene



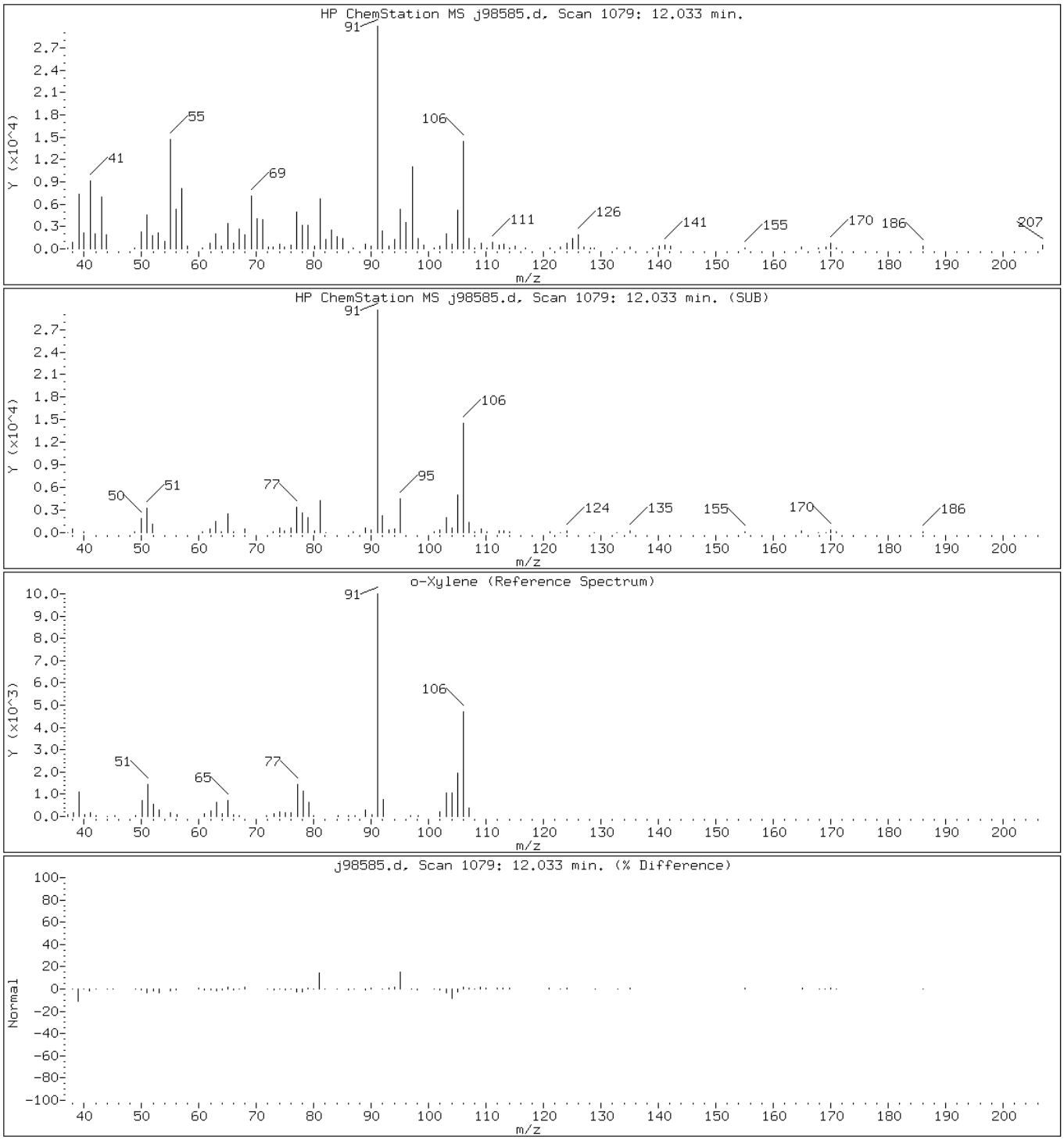
Data File: j98585.d

Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

84 o-Xylene



Data File: j98585.d

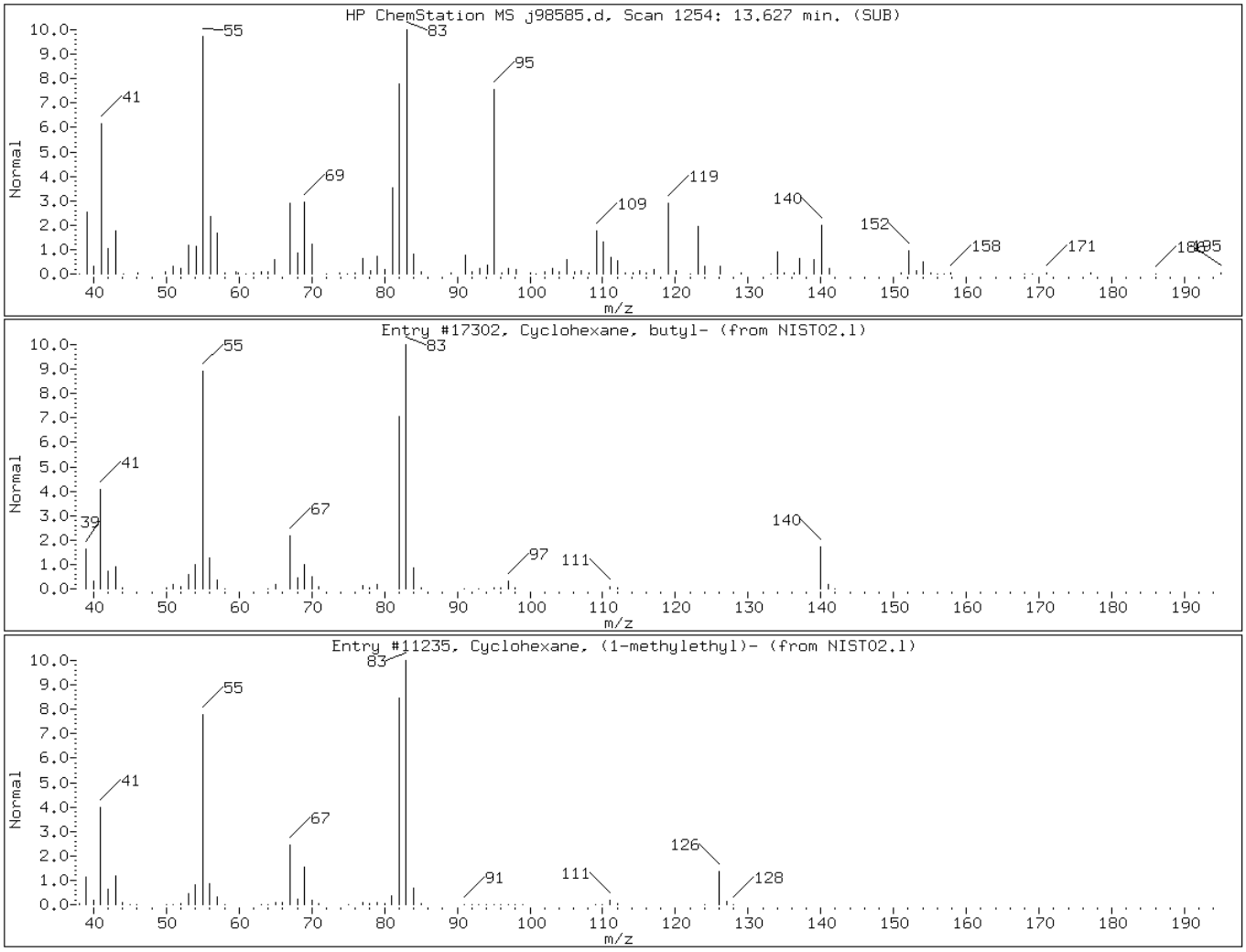
Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

Retention Time: 13.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H20 Cycloalkane						
Cyclohexane, butyl-	1678-93-9	NIST02.l	17302	55	C10H20	140
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11235	49	C9H18	126



Data File: j98585.d

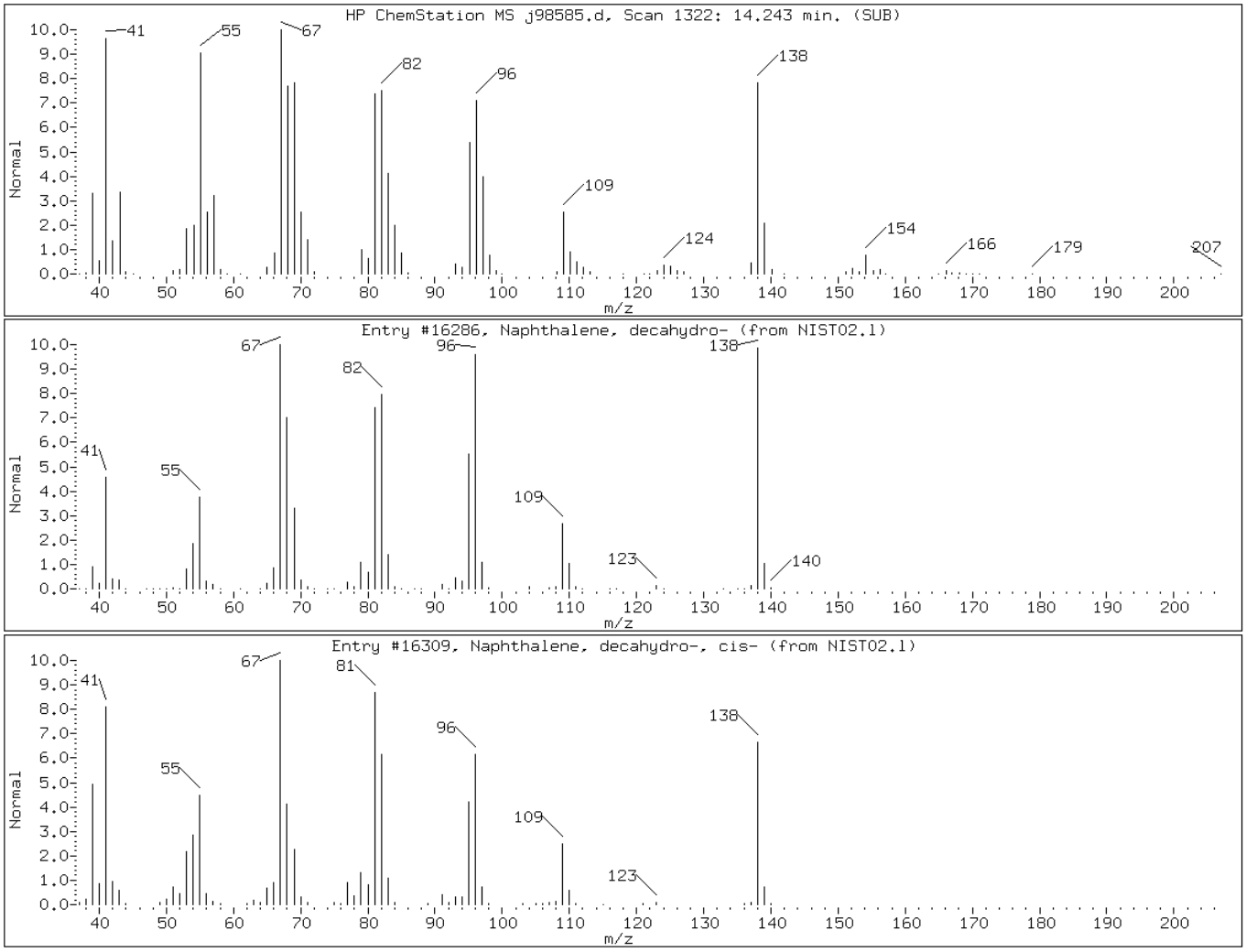
Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

Retention Time: 14.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-	91-17-8	NIST02.l	16286	90	C10H18	138
Naphthalene, decahydro-, cis-	493-01-6	NIST02.l	16309	87	C10H18	138



Data File: j98585.d

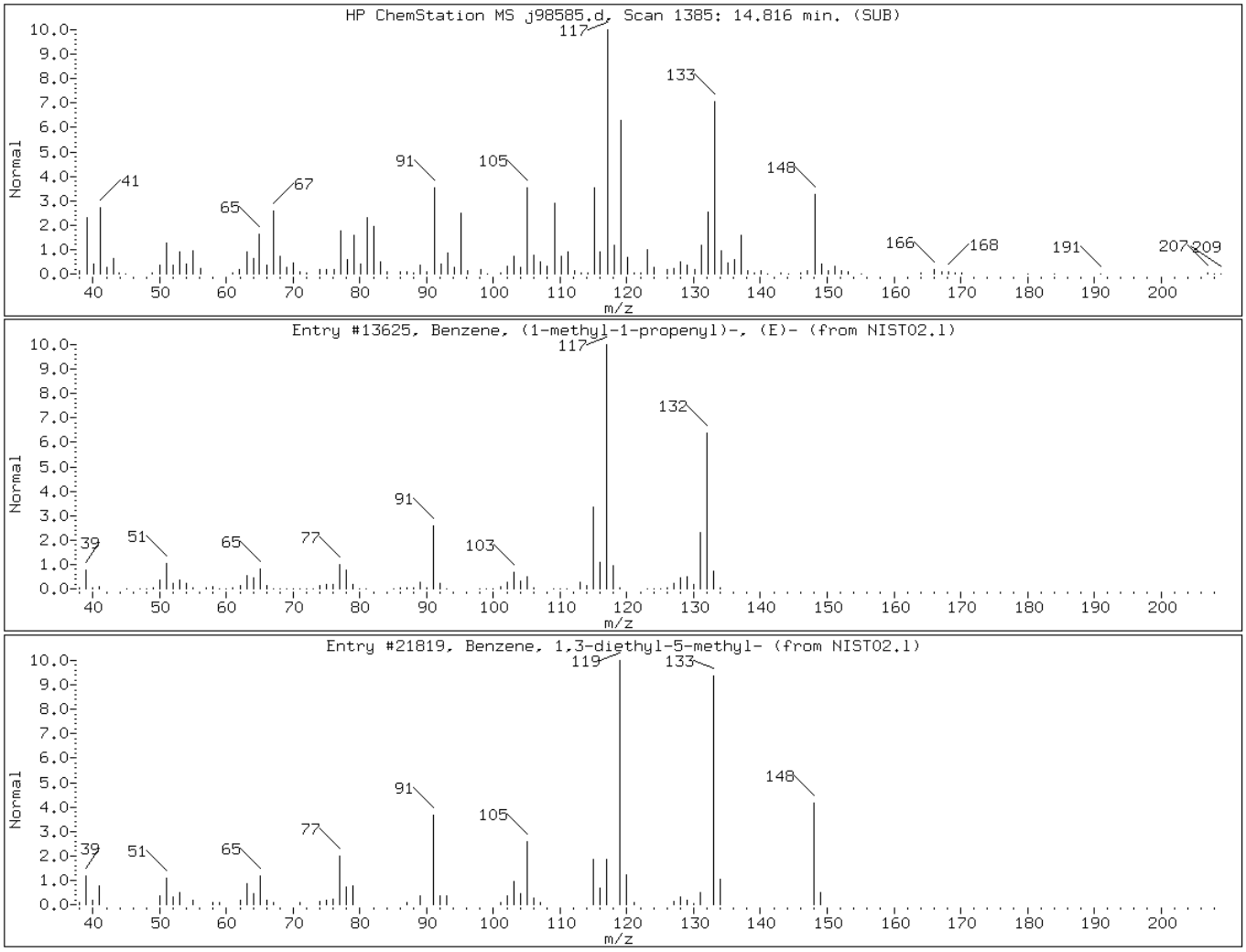
Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

Retention Time: 14.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	49	C10H12	132
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	46	C11H16	148



Data File: j98585.d

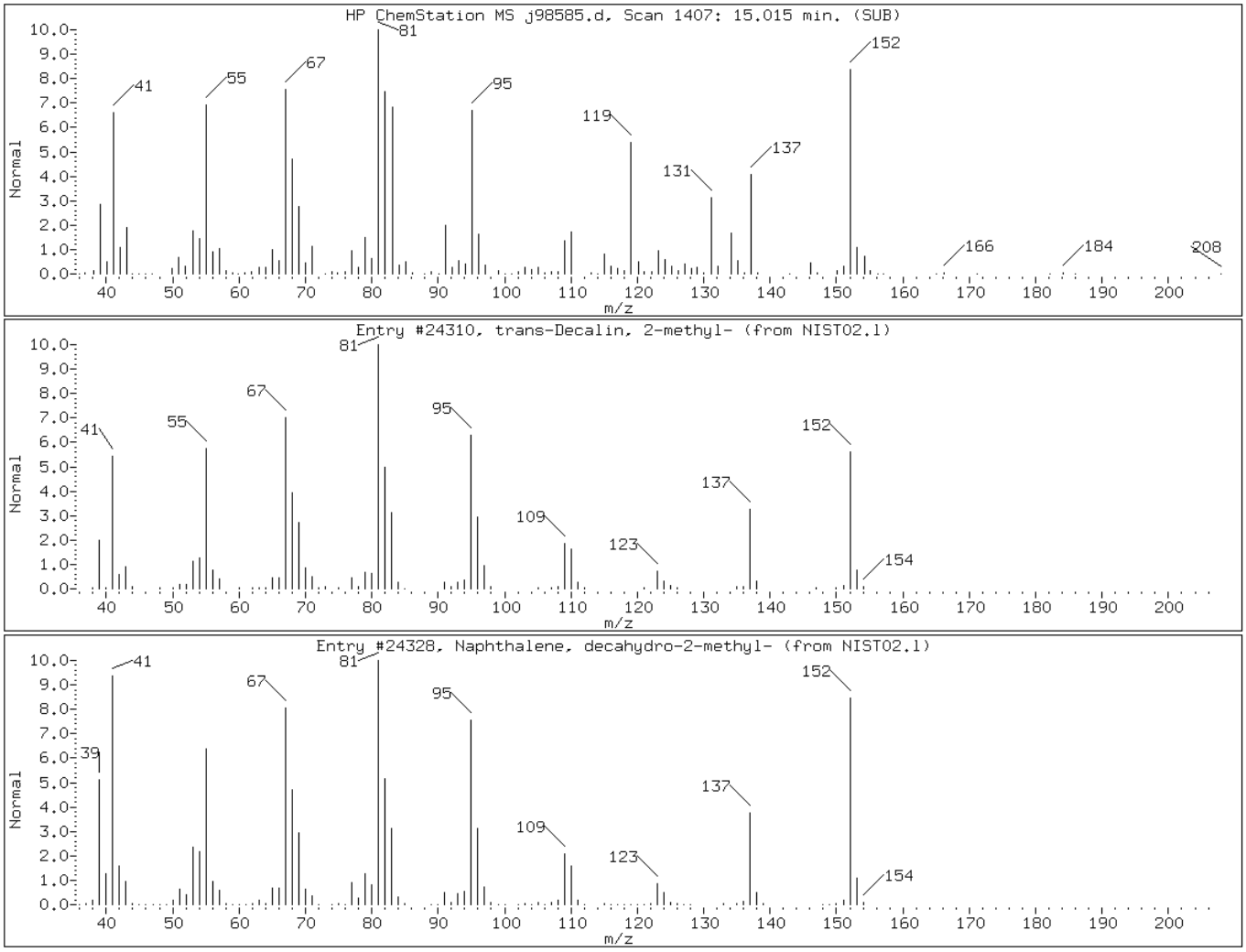
Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

Retention Time: 15.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	89	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	68	C11H20	152



Data File: j98585.d

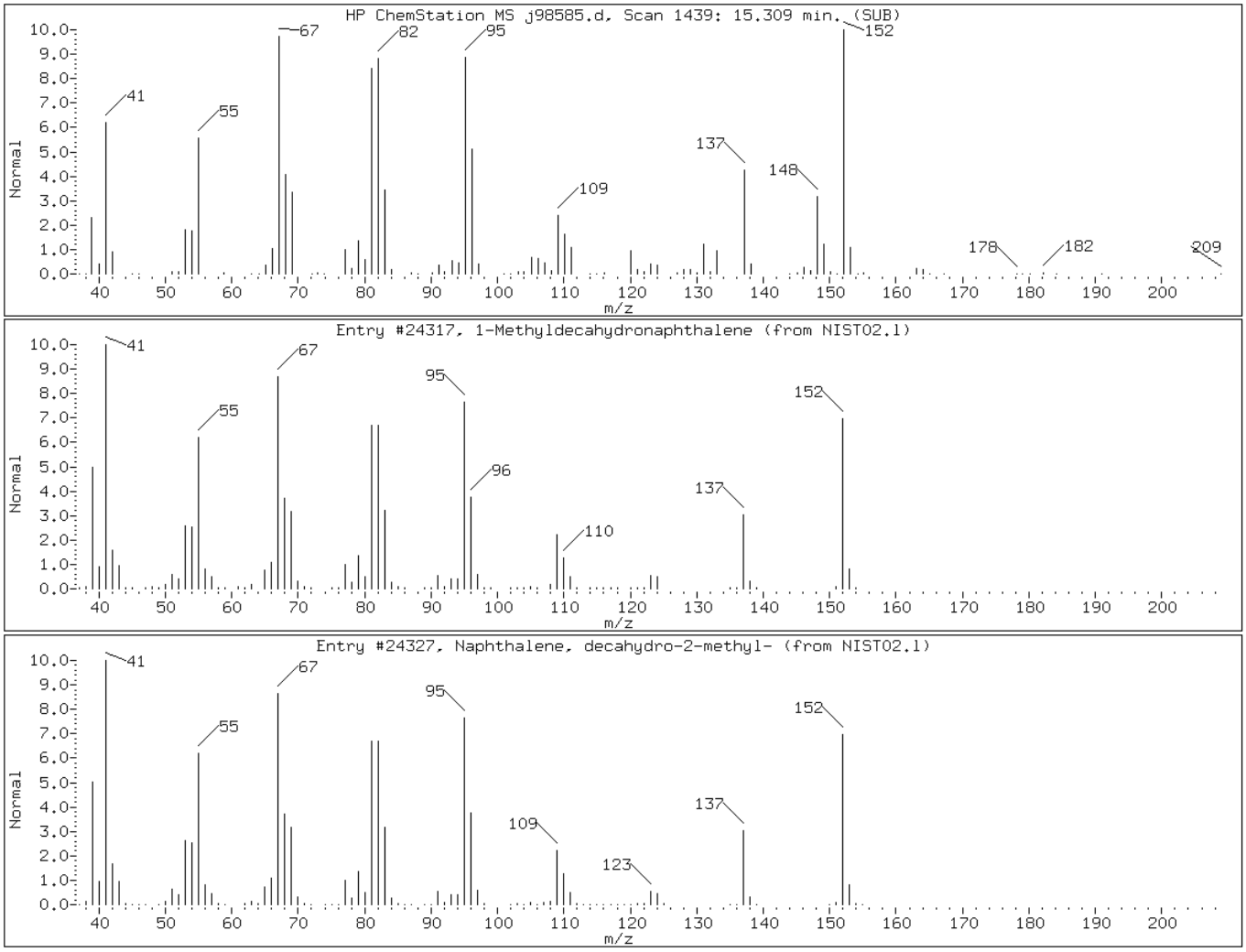
Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

Retention Time: 15.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	97	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	97	C11H20	152



Data File: j98585.d

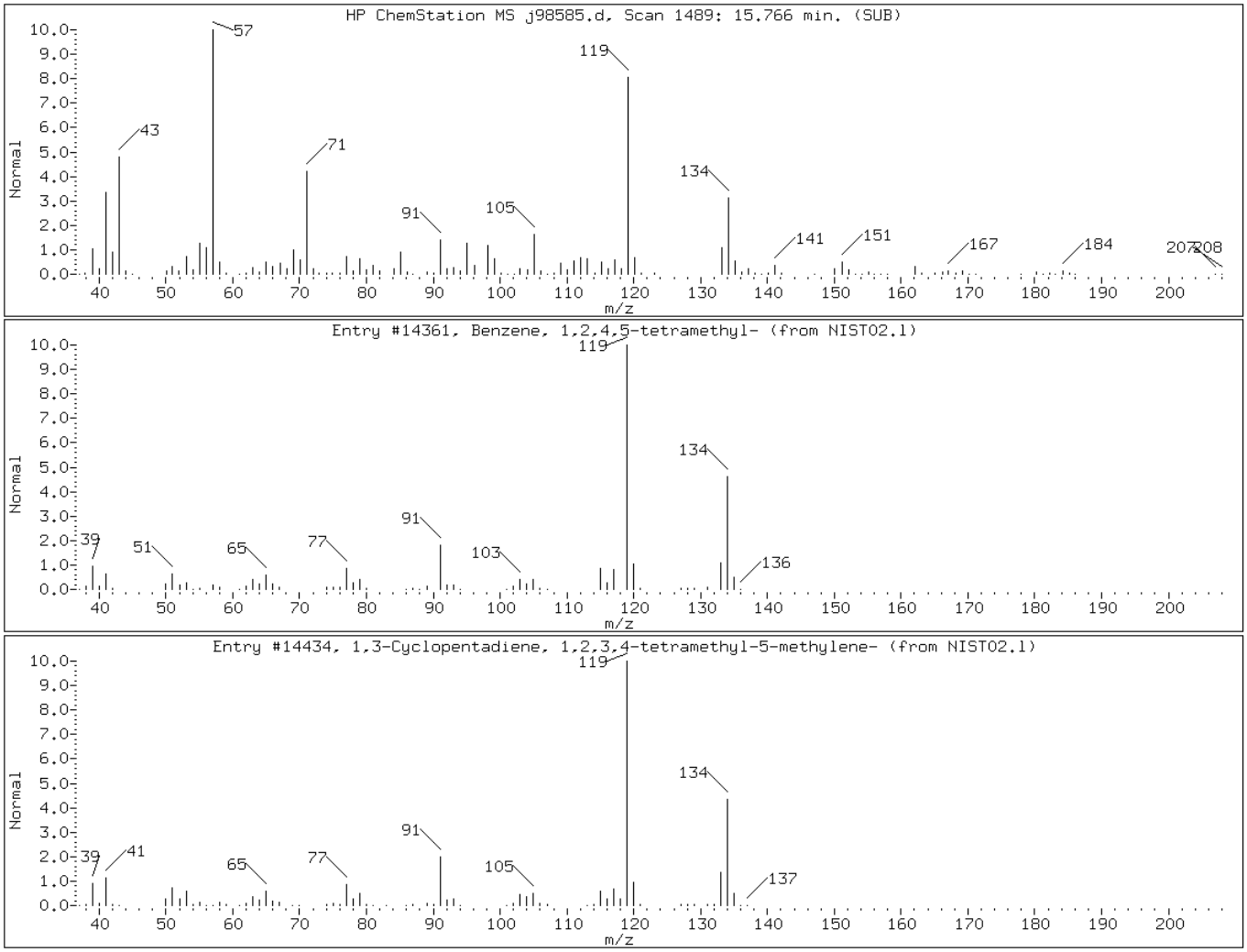
Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

Retention Time: 15.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic/C13H28 Alkane						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	89	C10H14	134
1,3-Cyclopentadiene, 1,2,3,4-tetra	76089-59-3	NIST02.l	14434	89	C10H14	134



Data File: j98585.d

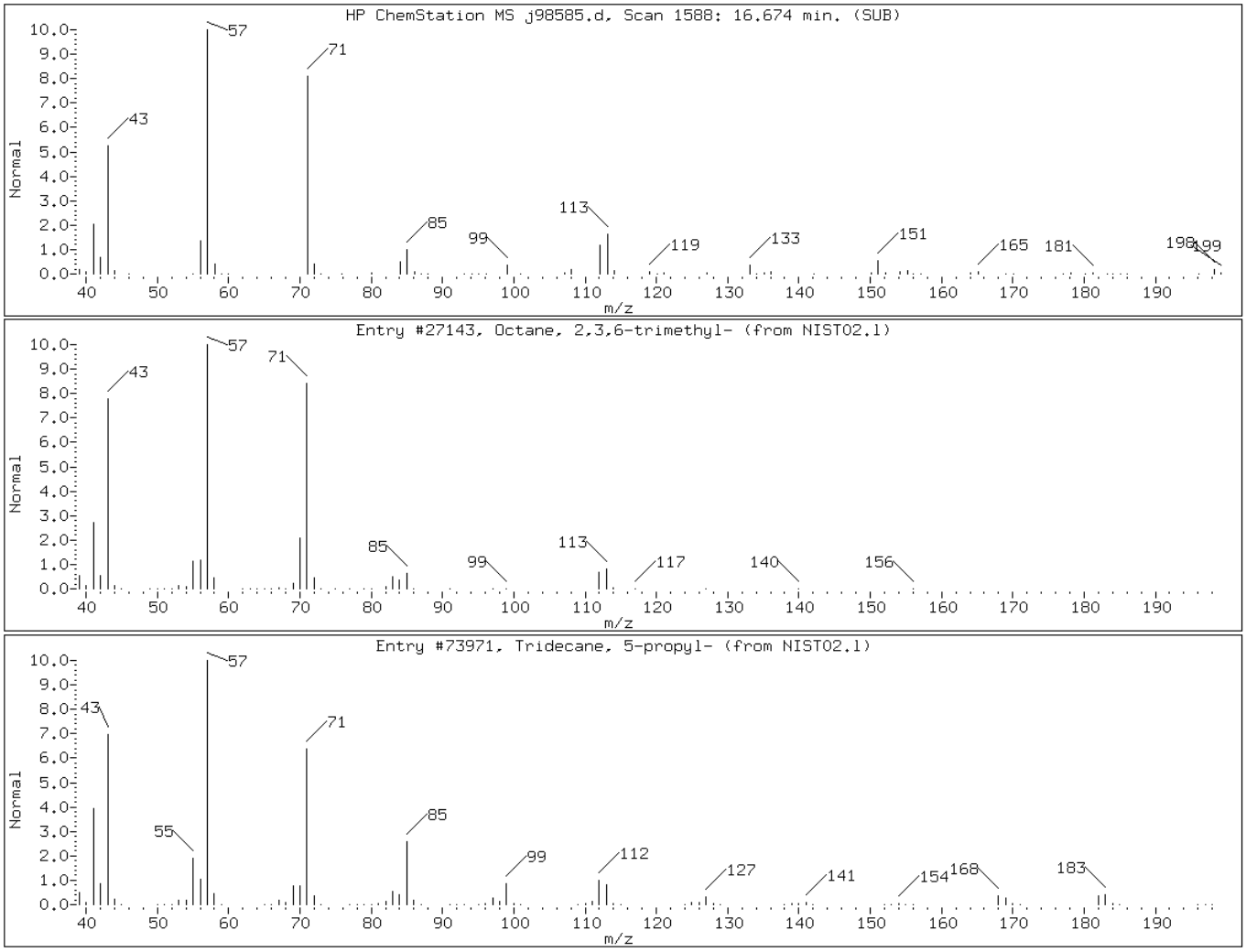
Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

Retention Time: 16.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Octane, 2,3,6-trimethyl-	62016-33-5	NIST02.l	27143	72	C11H24	156
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	64	C16H34	226



Data File: j98585.d

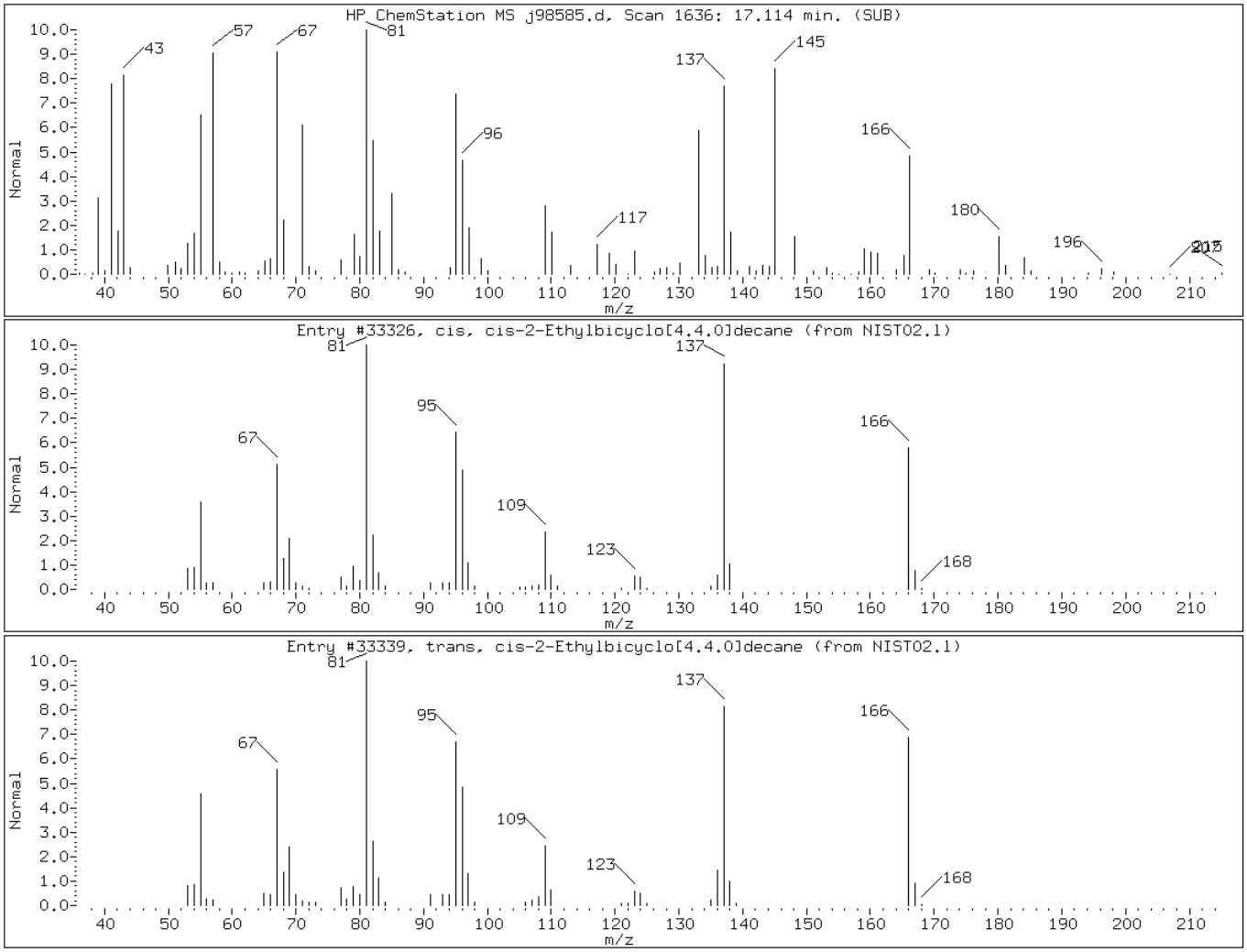
Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

Retention Time: 17.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
cis, cis-2-Ethylbicyclo[4.4.0]deca	66660-40-0	NIST02.l	33326	70	C12H22	166
trans, cis-2-Ethylbicyclo[4.4.0]de	66660-39-7	NIST02.l	33339	68	C12H22	166



Data File: j98585.d

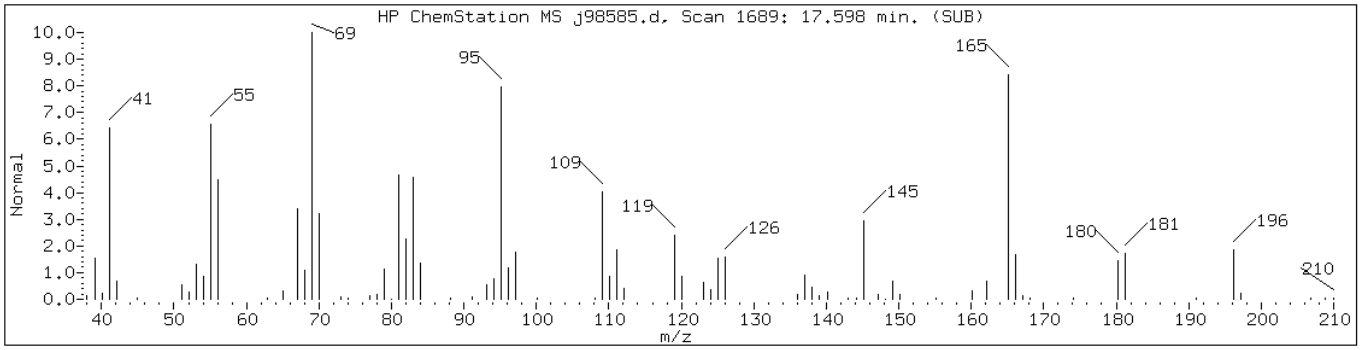
Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

Retention Time: 17.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Unknown						



Data File: j98585.d

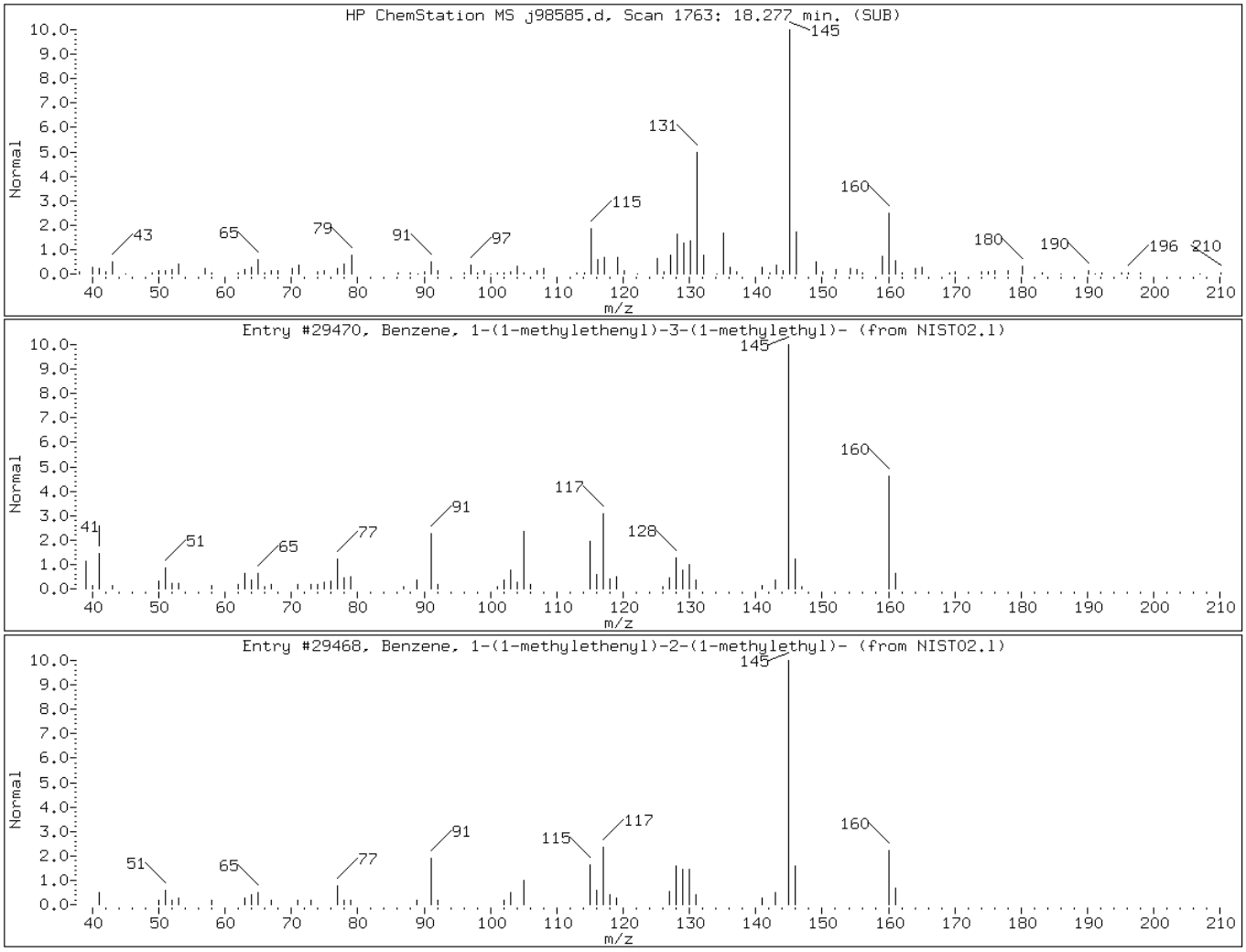
Date: 23-MAR-2011 17:59

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: VOAMS8.i

Sample Info: 460-24277-B-1-A;50;;5.36;5 Operator:

Retention Time: 18.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H16 Aromatic						
Benzene, 1-(1-methylethenyl)-3-(1-	1129-29-9	NIST02.l	29470	76	C12H16	160
Benzene, 1-(1-methylethenyl)-2-(1-	5557-93-7	NIST02.l	29468	70	C12H16	160



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-WT-E (8-8.5) | Lab Sample ID: 460-24277-2

Matrix: Solid | Lab File ID: j98586.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:57

Sample wt/vol: 5.4(g) | Date Analyzed: 03/23/2011 18:32

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.5 | Level: (low/med) Medium

Analysis Batch No.: 68208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	53	U	53	11
74-83-9	Bromomethane	53	U	53	17
75-01-4	Vinyl chloride	53	U	53	6.3
75-00-3	Chloroethane	53	U	53	24
75-09-2	Methylene Chloride	53	U	53	10
67-64-1	Acetone	530	U	530	130
75-15-0	Carbon disulfide	53	U	53	7.7
75-69-4	Trichlorofluoromethane	53	U	53	8.3
75-35-4	1,1-Dichloroethene	53	U	53	7.4
75-34-3	1,1-Dichloroethane	53	U	53	5.3
156-60-5	trans-1,2-Dichloroethene	53	U	53	7.3
156-59-2	cis-1,2-Dichloroethene	53	U	53	10
67-66-3	Chloroform	53	U	53	8.2
78-93-3	2-Butanone	530	U	530	43
107-06-2	1,2-Dichloroethane	53	U	53	13
71-55-6	1,1,1-Trichloroethane	53	U	53	13
56-23-5	Carbon tetrachloride	53	U	53	9.5
71-43-2	Benzene	53	U	53	6.3
75-25-2	Bromoform	53	U	53	5.2
100-42-5	Styrene	53	U	53	7.4
100-41-4	Ethylbenzene	450		53	13
108-90-7	Chlorobenzene	53	U	53	8.7
110-82-7	Cyclohexane	53	U	53	6.6
98-82-8	Isopropylbenzene	250		53	11
591-78-6	2-Hexanone	530	U	530	29
1634-04-4	MTBE	53	U	53	9.8
76-13-1	Freon TF	53	U	53	15
79-20-9	Methyl acetate	110	U	110	17
123-91-1	1,4-Dioxane	2600	U	2600	450
79-01-6	Trichloroethene	53	U	53	9.4
108-88-3	Toluene	31	J	53	5.0
10061-02-6	trans-1,3-Dichloropropene	53	U	53	6.5
108-10-1	4-Methyl-2-pentanone	530	U	530	36
10061-01-5	cis-1,3-Dichloropropene	53	U	53	5.4
95-50-1	1,2-Dichlorobenzene	78		53	8.6
541-73-1	1,3-Dichlorobenzene	53	U	53	12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-WT-E (8-8.5) | Lab Sample ID: 460-24277-2

Matrix: Solid | Lab File ID: j98586.d

Analysis Method: 8260B | Date Collected: 03/17/2011 13:57

Sample wt/vol: 5.4(g) | Date Analyzed: 03/23/2011 18:32

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.5 | Level: (low/med) Medium

Analysis Batch No.: 68208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	53	U	53	8.0
120-82-1	1,2,4-Trichlorobenzene	900		53	23
87-61-6	1,2,3-Trichlorobenzene	170		53	44
78-87-5	1,2-Dichloropropane	53	U	53	4.6
108-87-2	Methylcyclohexane	370		53	4.2
127-18-4	Tetrachloroethene	53	U	53	10
1330-20-7	Xylenes, Total	1600		160	23
96-12-8	1,2-Dibromo-3-Chloropropane	53	U	53	8.1
79-34-5	1,1,2,2-Tetrachloroethane	53	U	53	4.6
79-00-5	1,1,2-Trichloroethane	53	U	53	5.2
124-48-1	Dibromochloromethane	53	U	53	5.3
106-93-4	1,2-Dibromoethane	53	U	53	4.8
75-71-8	Dichlorodifluoromethane	53	U	53	15
74-97-5	Bromochloromethane	53	U	53	9.1
75-27-4	Bromodichloromethane	53	U	53	4.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		57-135
2037-26-5	Toluene-d8 (Surr)	90		46-130
460-00-4	Bromofluorobenzene	111		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-WT-E (8-8.5) Lab Sample ID: 460-24277-2

Matrix: Solid Lab File ID: j98586.d

Analysis Method: 8260B Date Collected: 03/17/2011 13:57

Sample wt/vol: 5.4(g) Date Analyzed: 03/23/2011 18:32

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.5 Level: (low/med) Medium

Analysis Batch No.: 68208 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 92900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C10H22 Alkane/C9H12 Aromatic	12.91	8200	J
95-63-6	1,2,4-Trimethylbenzene	13.38	6800	
	C10H20 Cycloalkane/C10H14 Aromatic	13.63	8300	J
	Diethylbenzene isomer	14.13	12000	J
	Decahydronaphthalene isomer	14.24	8700	J
	Methyl-methylethylbenzene isomer	14.59	6000	J
	Coeluting Aromatics	14.77	15000	J
	Decahydromethylnaphthalene isomer-1	15.29	10000	J
	Tetramethylbenzene isomer-2	15.77	9200	J
	Coeluting Aromatics-4	16.50	8700	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98586.d
Report Date: 29-Mar-2011 17:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98586.d
Lab Smp Id: 460-24277-B-2-A Client Smp ID: PMP-9-WT-E (8-8.5)
Inj Date : 23-MAR-2011 18:32
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-2-A;50;;5.04;5
Misc Info : 460-24277-B-2-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/8260_09.m
Meth Date : 23-Mar-2011 08:26 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 22
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.40000	Weight of sample extracted (g)
M	12.50000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.510	7.462	(0.948)	407830	52.3697	2800
*	52 Fluorobenzene	96	7.920	7.875	(1.000)	1228306	50.0000	
	56 Methyl cyclohexane	83	8.595	8.562	(1.085)	61767	7.03821	370
$	65 Toluene-d8 (SUR)	98	9.780	9.740	(0.860)	1006561	45.1997	2400
	66 Toluene	91	9.854	9.826	(0.866)	17576	0.59521	31(a)
*	78 Chlorobenzene-d5	117	11.373	11.338	(1.000)	952405	50.0000	
	81 Ethylbenzene	106	11.491	11.467	(1.010)	77568	8.57476	450
	82 m+p-Xylene	106	11.610	11.578	(1.021)	149558	11.9959	630
	84 o-Xylene	106	12.023	11.994	(1.057)	229255	18.4848	980
	88 Isopropylbenzene	105	12.380	12.360	(1.089)	133980	4.80666	250
$	89 Bromofluorobenzene (SUR)	174	12.569	12.545	(0.910)	552207	55.3162	2900
	95 n-Propylbenzene	91	12.809	12.776	(0.927)	251152	8.18627	430
	97 1,3,5-Trimethylbenzene	105	12.971	12.940	(0.939)	1616089	76.9152	4100
	101 1,2,4-Trimethylbenzene	105	13.379	13.352	(0.969)	2970936	128.055	6800

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98586.d
Report Date: 29-Mar-2011 17:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	103 sec-Butylbenzene	105	13.567	13.542	(0.982)	476382	16.3664	860
	107 p-Isopropyltoluene	119	13.702	13.676	(0.992)	574258	23.5990	1200
*	108 1,4-Dichlorobenzene-d4	152	13.813	13.783	(1.000)	526094	50.0000	
	111 1,2-Dichlorobenzene	146	14.284	14.251	(1.034)	24453	1.47795	78(H)
	114 1,2,4-Trichlorobenzene	180	16.448	16.401	(1.191)	170324	17.0793	900
	116 Naphthalene	128	16.896	16.851	(1.223)	85848	4.38654	230
	117 1,2,3-Trichlorobenzene	180	17.319	17.276	(1.254)	23618	3.15985	170
M	121 Xylene (Total)	100				378813	30.4807	1600

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98586.d
Report Date: 29-Mar-2011 17:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98586.d
Lab Smp Id: 460-24277-B-2-A Client Smp ID: PMP-9-WT-E (8-8.5)
Inj Date : 23-MAR-2011 18:32
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-2-A;50;;5.04;5
Misc Info : 460-24277-B-2-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/8260_09.m
Meth Date : 23-Mar-2011 08:26 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 22
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.40000	Weight of sample extracted (g)
M	12.50000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.373	3276289	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H18 Cycloalkane					CAS #:		
10.822	2926180	44.6569147	2400	0		0	78
C9H18 Cycloalkane-1					CAS #:		
11.619	5974929	91.1843935	4800	0		0	78(L)

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98586.d
Report Date: 29-Mar-2011 17:34

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H18 Cycloalkane-2					CAS #:		
11.950	2497122	38.1089977	2000	0		0	78
C9H18 Cycloalkane-3					CAS #:		
12.233	6686114	102.037900	5400	0		0	78(L)
C10H22 Alkane/C9H12 Aromatic					CAS #:		
12.910	10186522	155.458211	8200	0		0	78(ML)
Ethylmethylbenzene isomer					CAS #:		
13.206	5909193	90.1811829	4800	0		0	78
C10H20 Cycloalkane/C10H14 Aromatic					CAS #:		
13.628	10247679	156.391545	8300	0		0	78(L)
Diethylbenzene isomer					CAS #:		
14.128	15404264	235.087035	12000	0		0	78(L)
Decahydronaphthalene isomer					CAS #:		
14.238	10762915	164.254647	8700	0		0	78(L)
Methylpropylbenzene isomer					CAS #:		
14.385	2602749	39.7209875	2100	0		0	78
Ethyldimethylbenzene isomer					CAS #:		
14.493	7203166	109.928711	5800	0		0	78
Methyl-methylethylbenzene isomer					CAS #:		
14.586	7406990	113.039317	6000	0		0	78
Coeluting Aromatics					CAS #:		
14.768	18317480	279.546120	15000	0		0	78
Decahydromethylnaphthalene isomer					CAS #:		
14.996	7160918	109.283968	5800	0		0	78
Tetramethylbenzene isomer					CAS #:		
15.087	2836755	43.2921929	2300	0		0	78
Tetramethylbenzene isomer-1					CAS #:		
15.166	3086896	47.1096304	2500	0		0	78
Decahydromethylnaphthalene isomer-1					CAS #:		
15.287	12550370	191.533286	10000	0		0	78

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98586.d
Report Date: 29-Mar-2011 17:34

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C12H26 Alkane/Coeluting Aromatics-1					CAS #:		
15.489	3310845	50.5273558	2700	0		0	78
Tetramethylbenzene isomer-2					CAS #:		
15.769	11440063	174.588711	9200	0		0	78
Coeluting Aromatics-2					CAS #:		
16.165	4822374	73.5950551	3900	0		0	78
Coeluting Aromatics-3					CAS #:		
16.274	2922682	44.6035310	2400	0		0	78
Coeluting Aromatics-4					CAS #:		
16.504	10748600	164.036176	8700	0		0	78(L)

QC Flag Legend

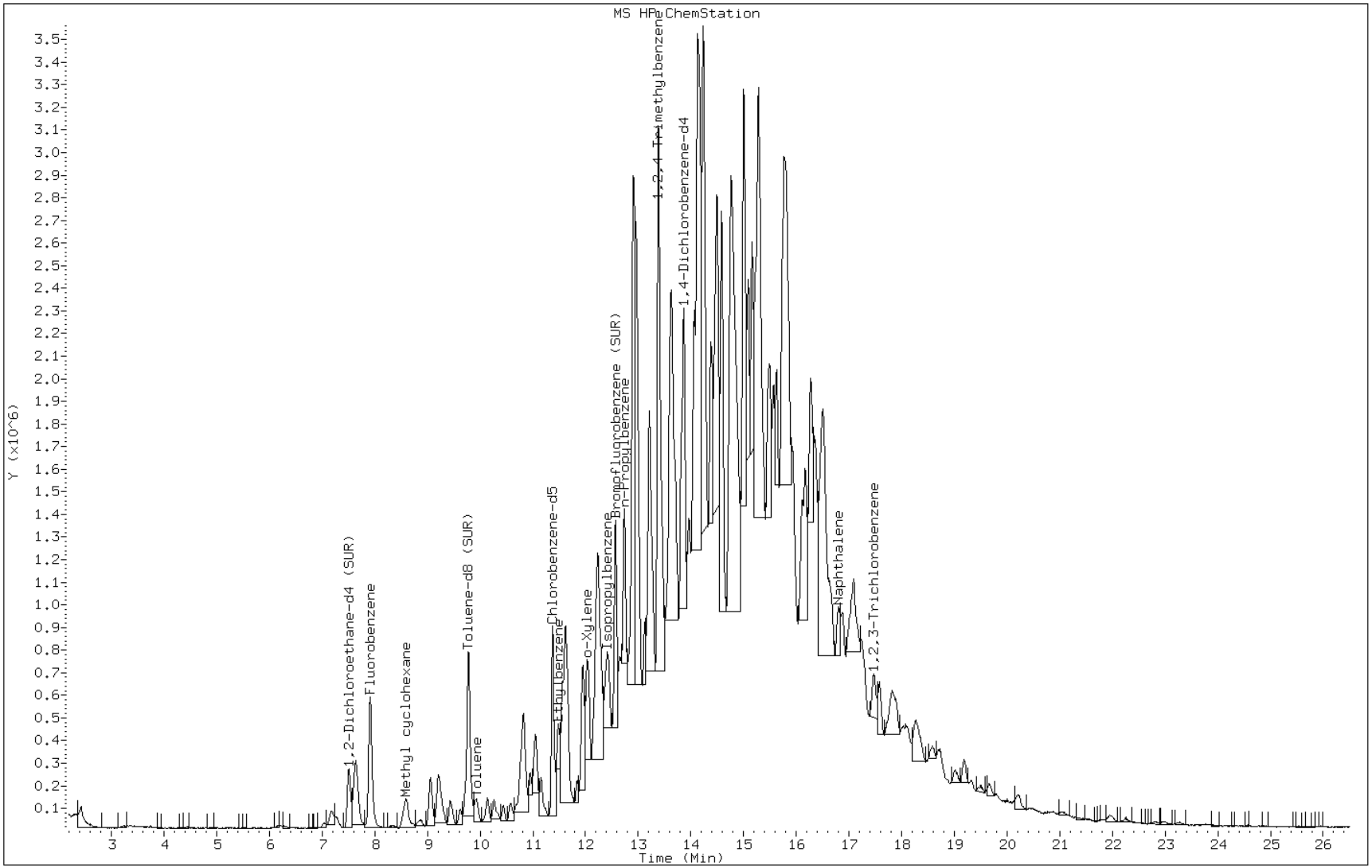
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: j98586.d

Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:



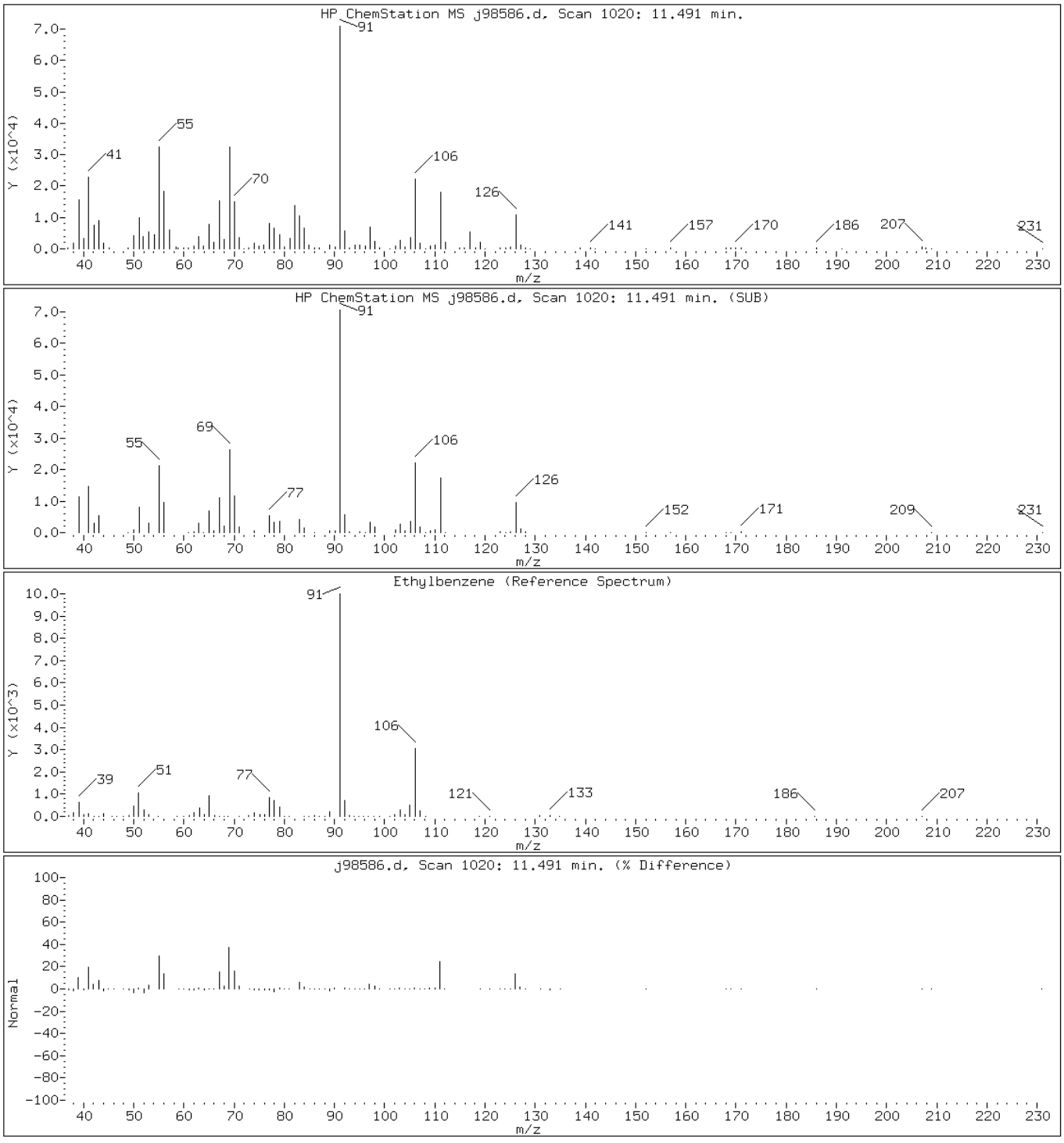
Data File: j98586.d

Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

81 Ethylbenzene



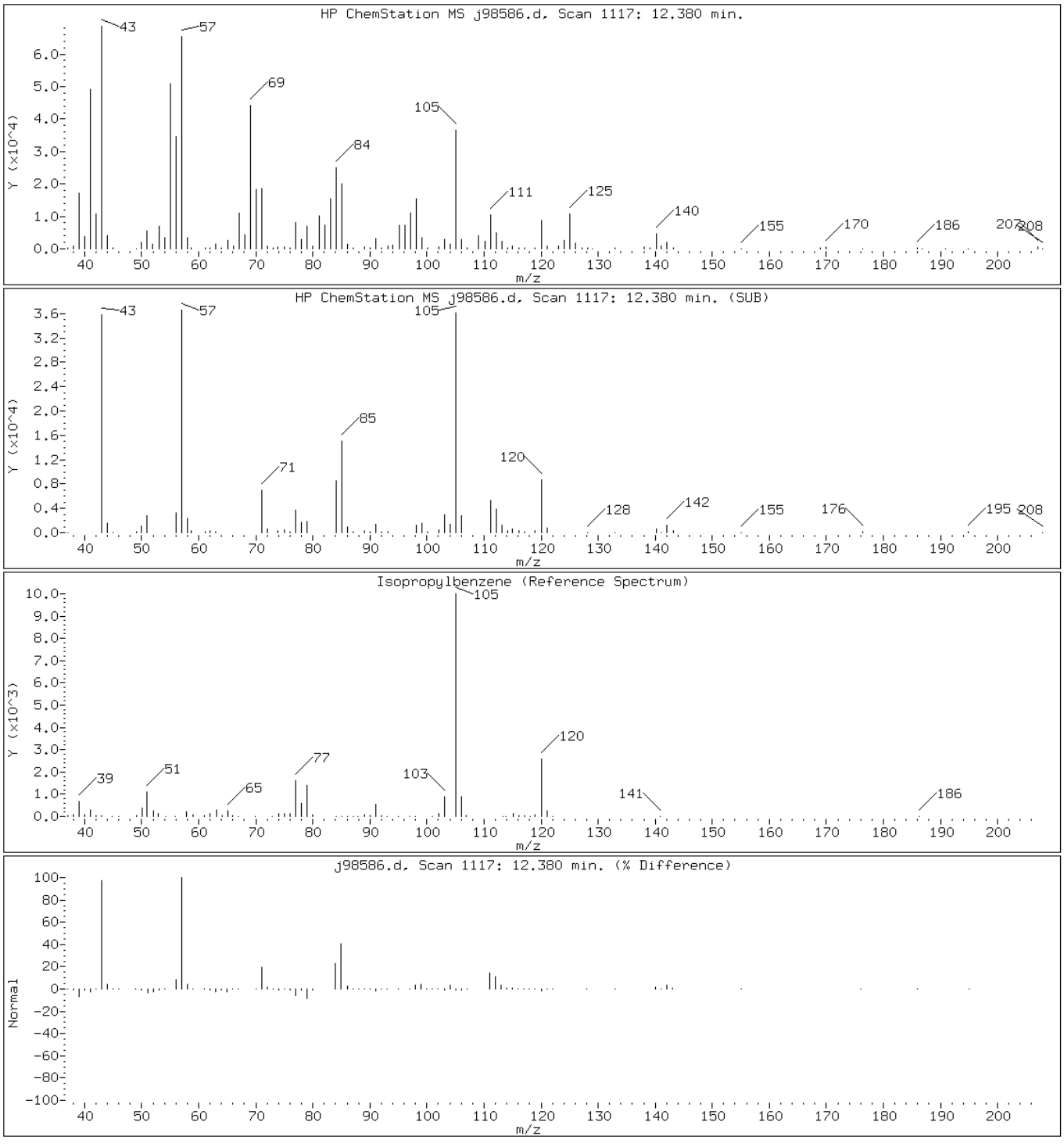
Data File: j98586.d

Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

88 Isopropylbenzene



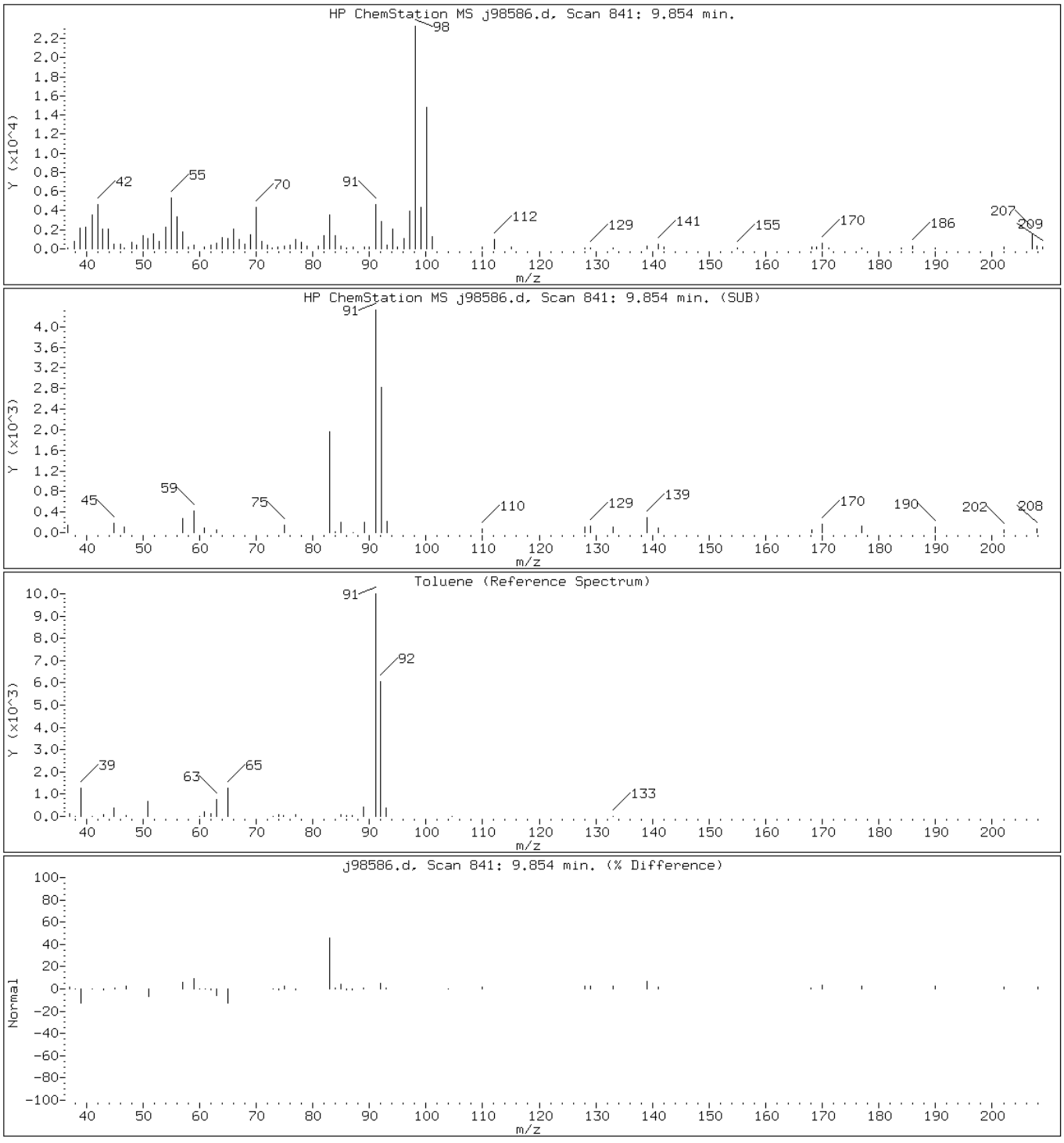
Data File: j98586.d

Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

66 Toluene



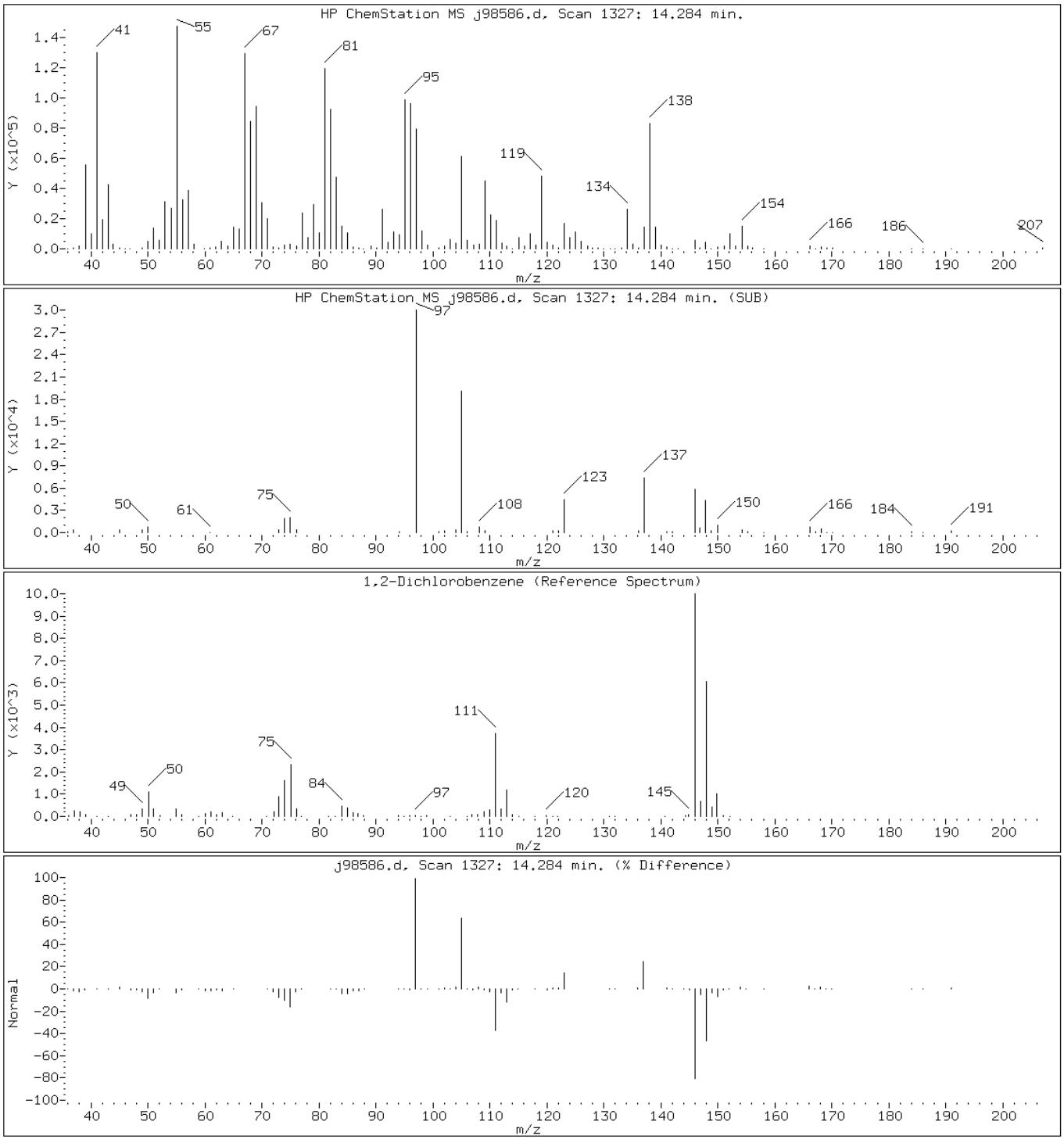
Data File: j98586.d

Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

111 1,2-Dichlorobenzene



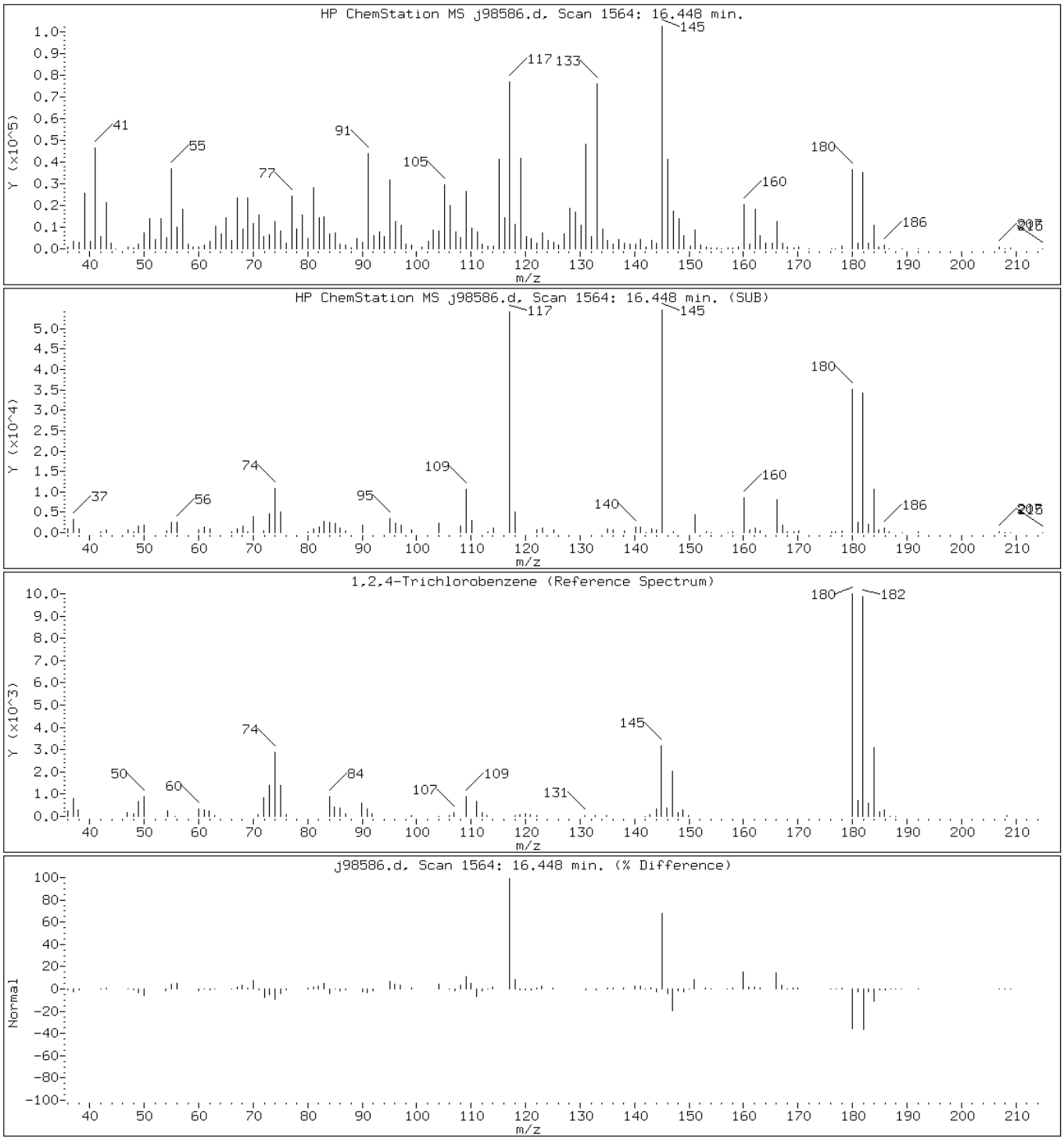
Data File: j98586.d

Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

114 1,2,4-Trichlorobenzene



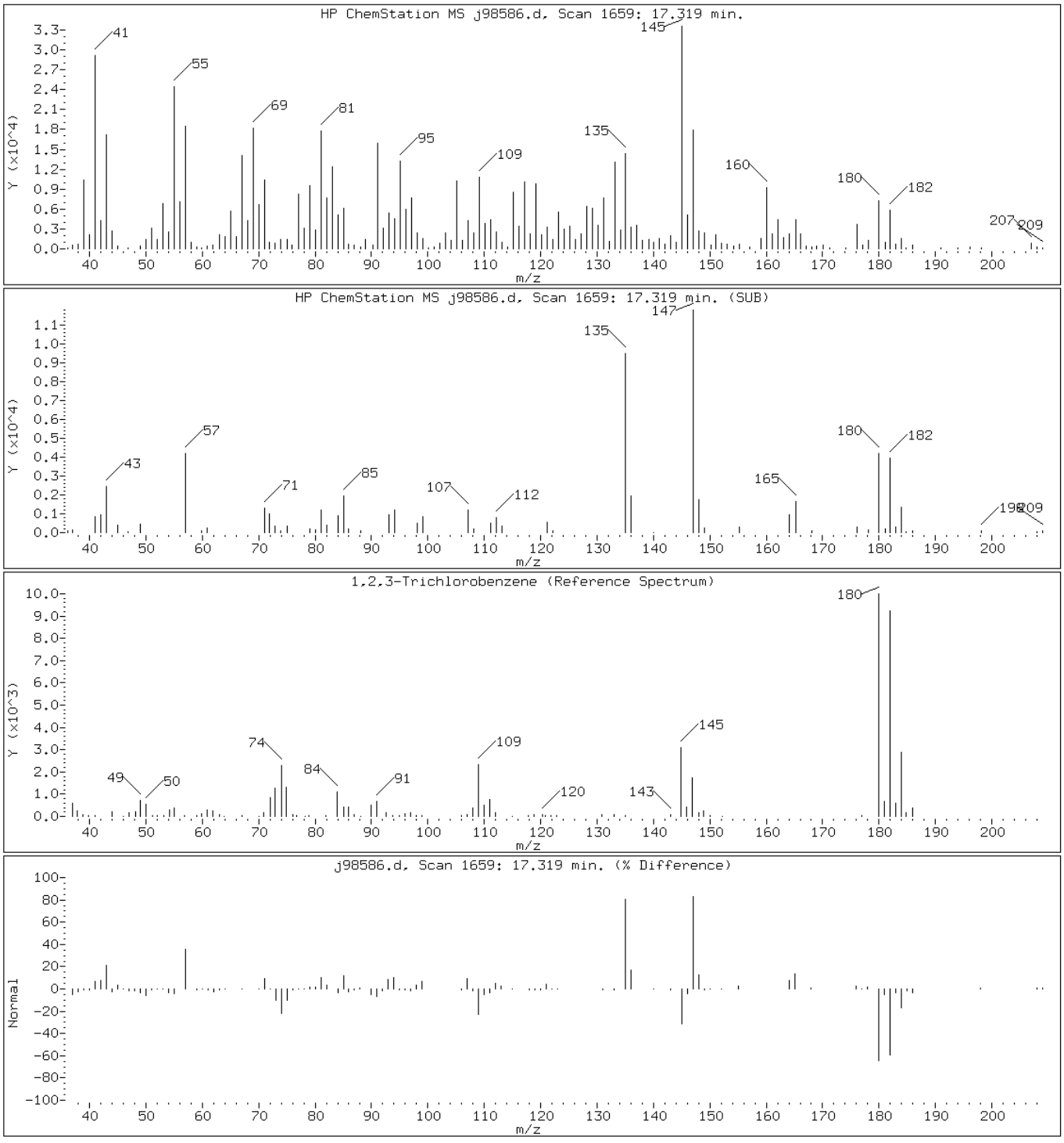
Data File: j98586.d

Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

117 1,2,3-Trichlorobenzene



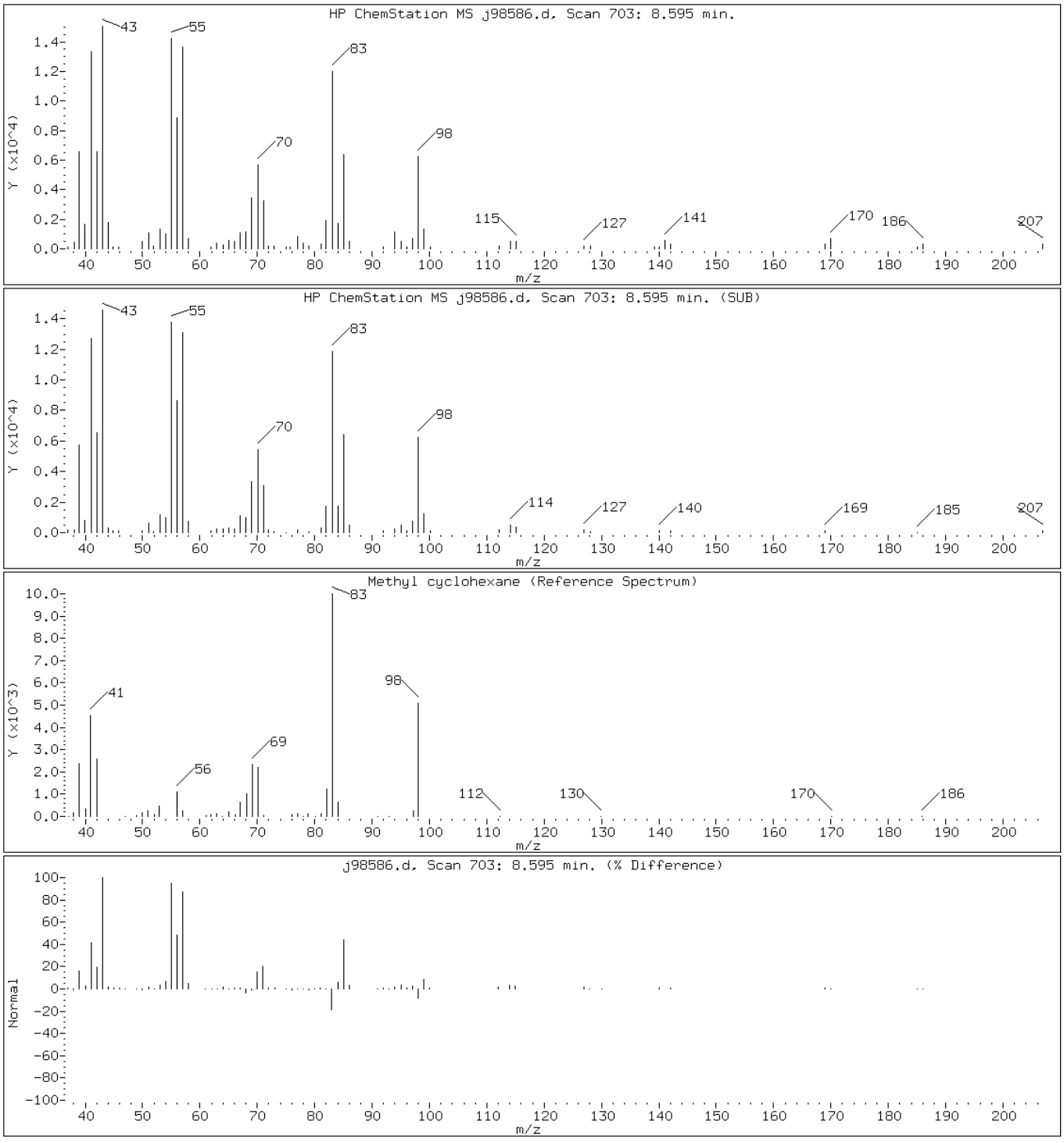
Data File: j98586.d

Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

56 Methyl cyclohexane



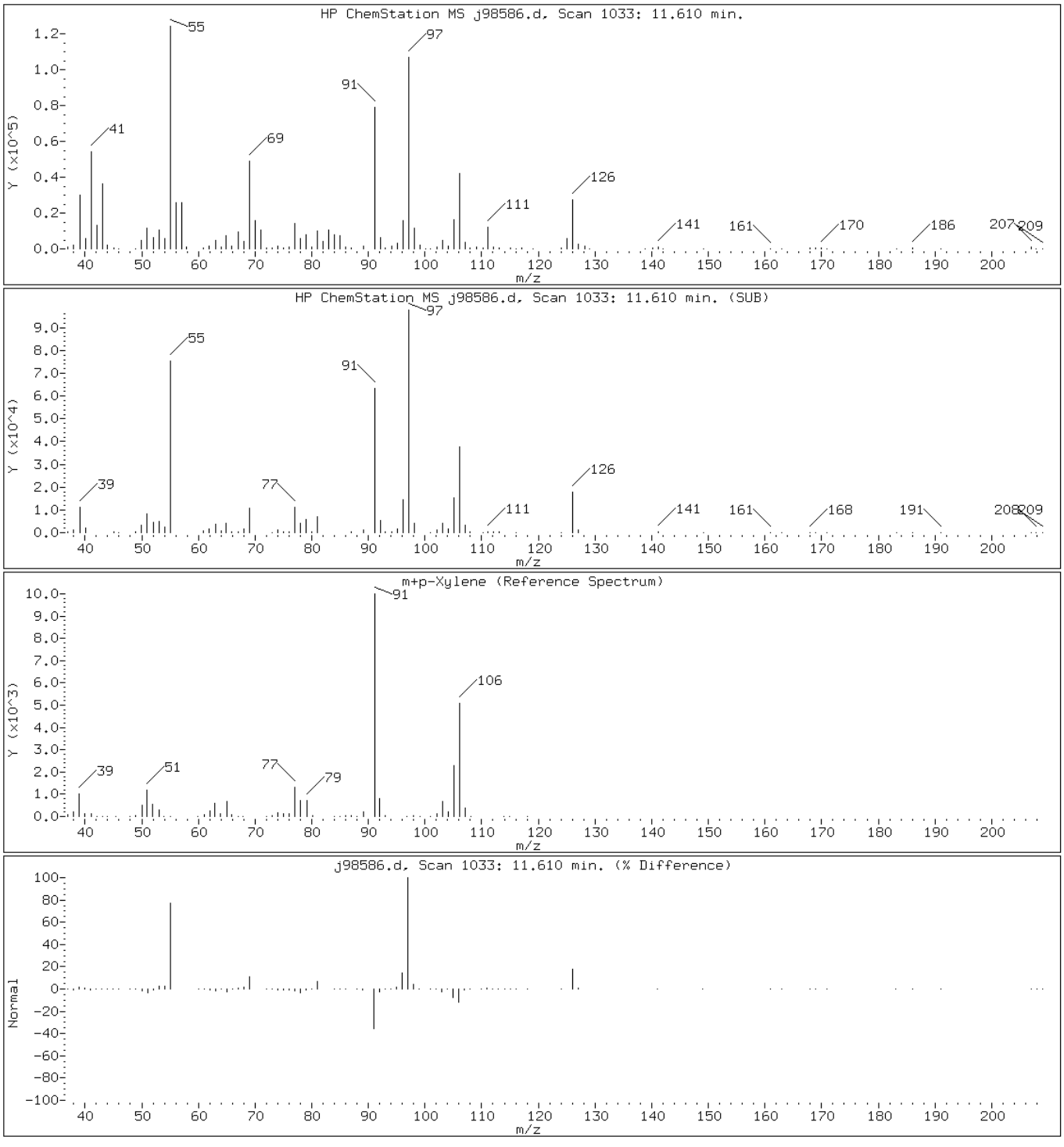
Data File: j98586.d

Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

82 m+p-Xylene



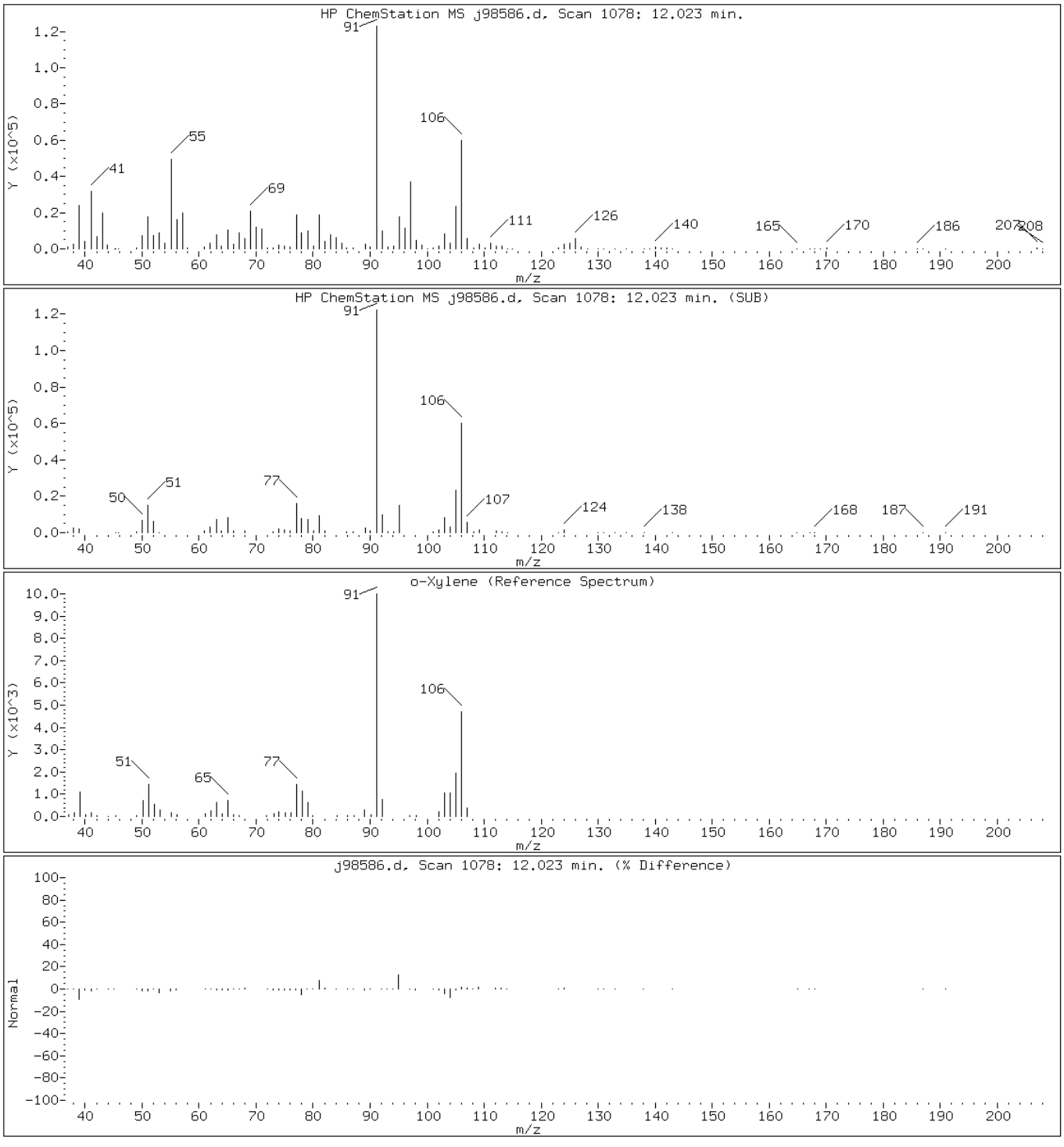
Data File: j98586.d

Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

84 o-Xylene



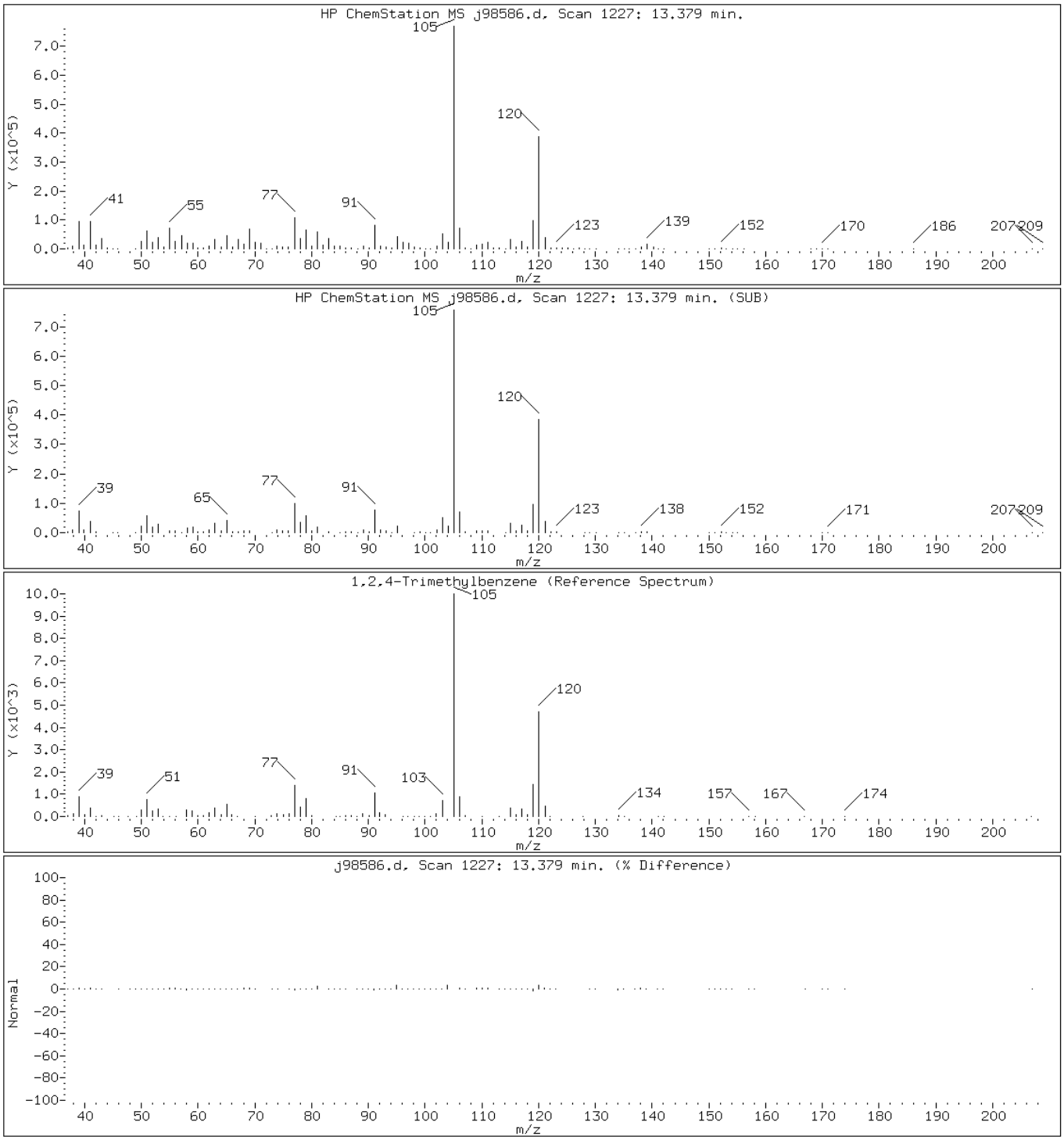
Data File: j98586.d

Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

101 1,2,4-Trimethylbenzene



Data File: j98586.d

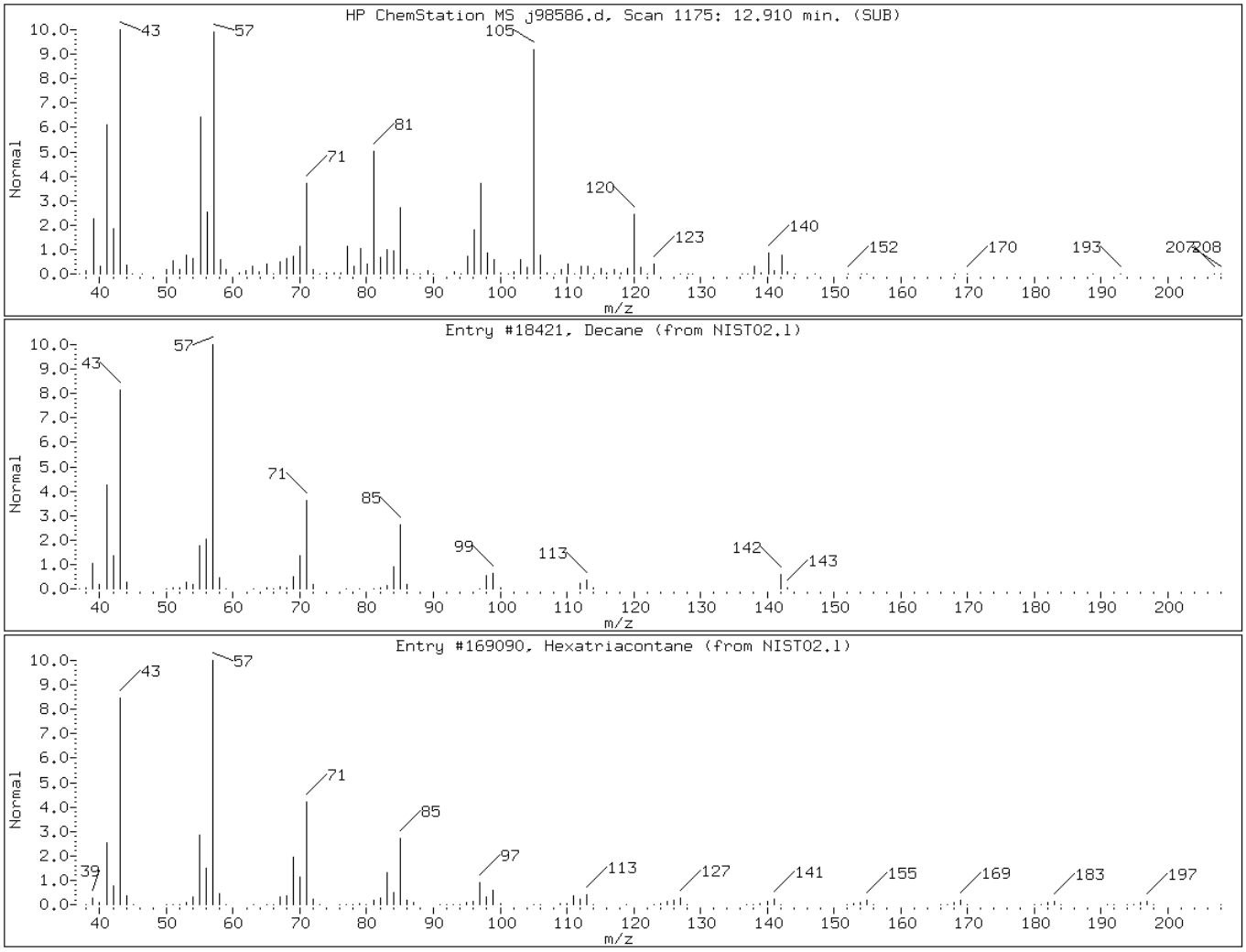
Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

Retention Time: 12.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H22 Alkane/C9H12 Aromatic						
Decane	124-18-5	NIST02.l	18421	90	C10H22	142
Hexatriacontane	630-06-8	NIST02.l	169090	35	C36H74	507



Data File: j98586.d

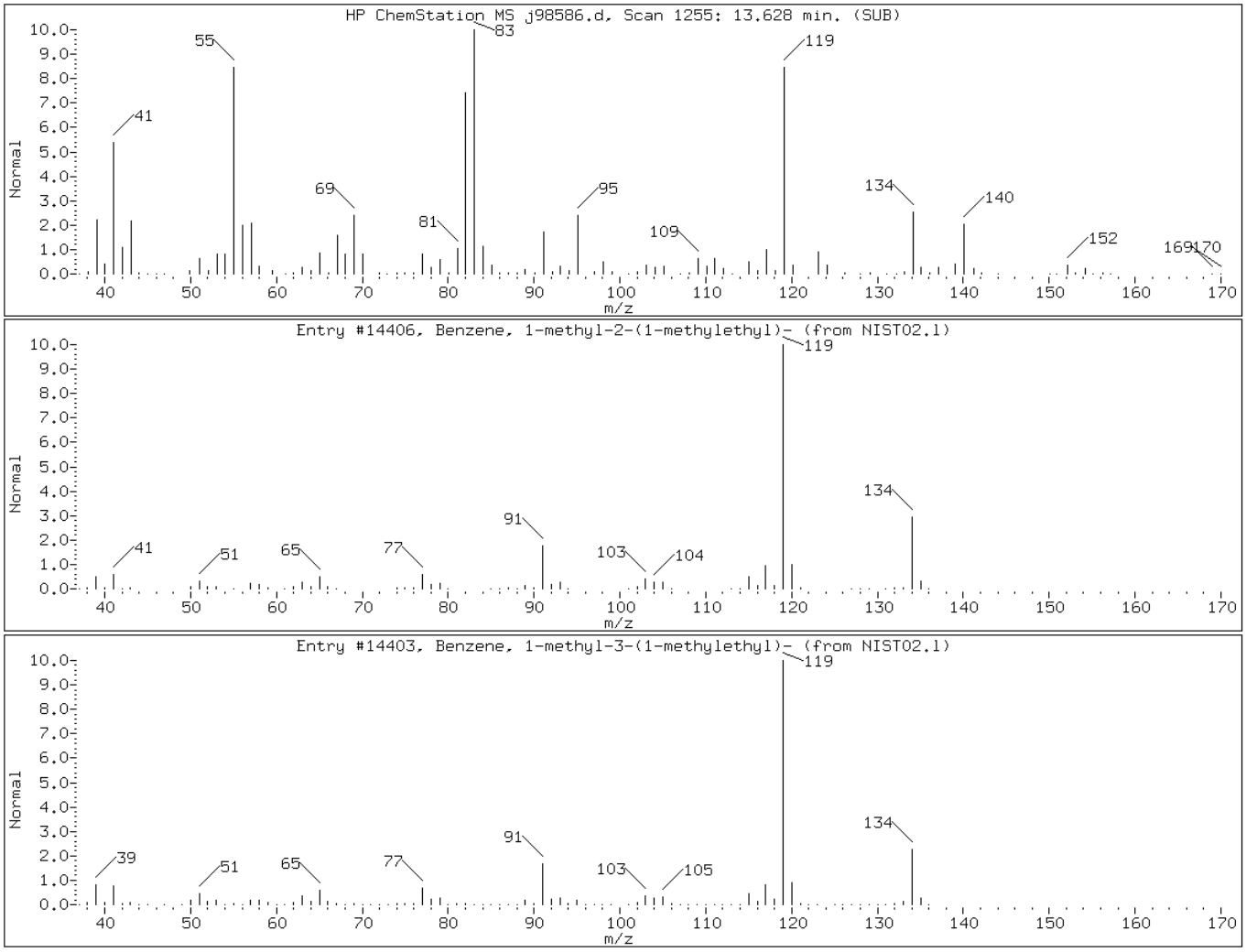
Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

Retention Time: 13.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H20 Cycloalkane/C10H14 Aromatic						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	60	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14403	46	C10H14	134



Data File: j98586.d

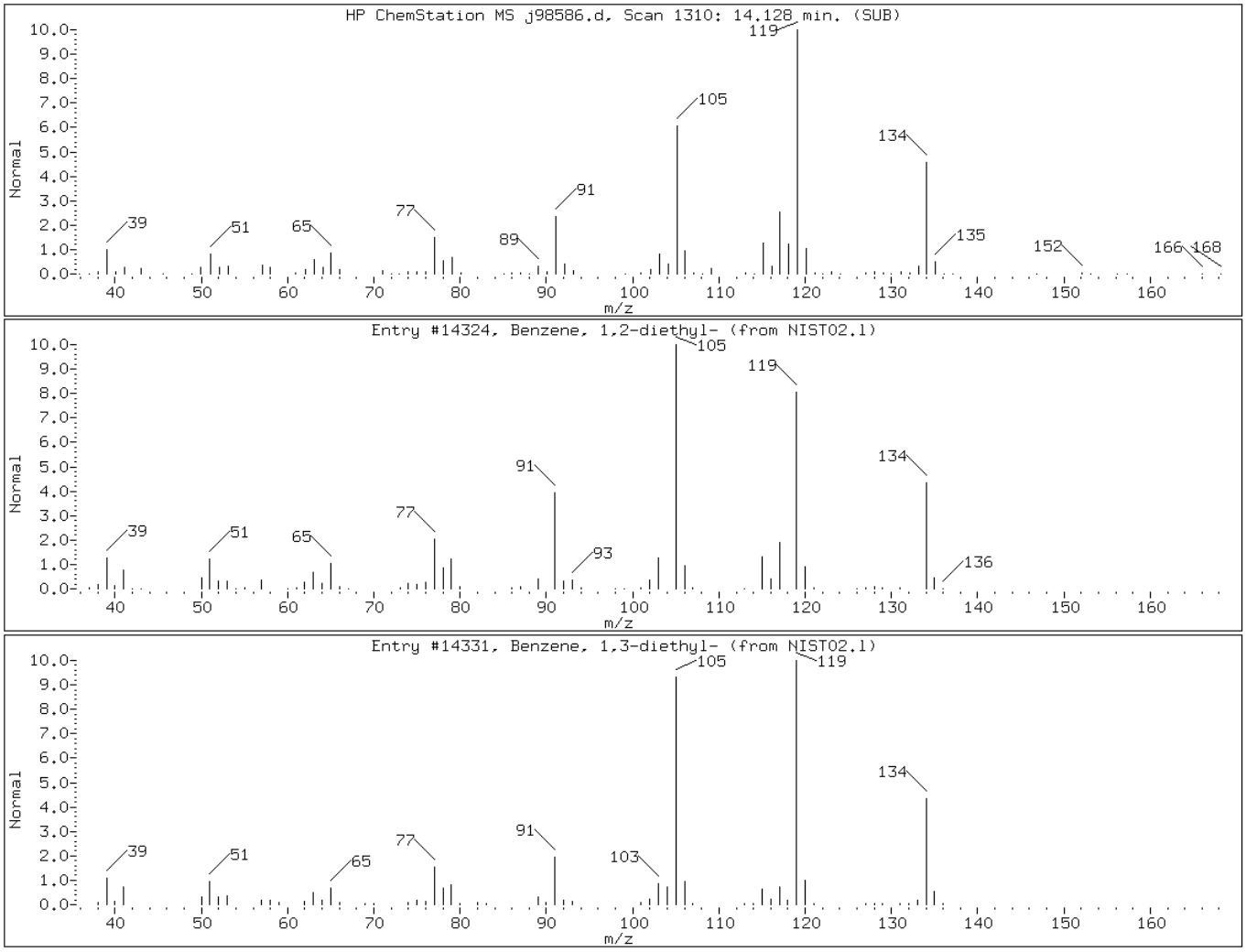
Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

Retention Time: 14.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14324	92	C10H14	134
Benzene, 1,3-diethyl-	141-93-5	NIST02.l	14331	87	C10H14	134



Data File: j98586.d

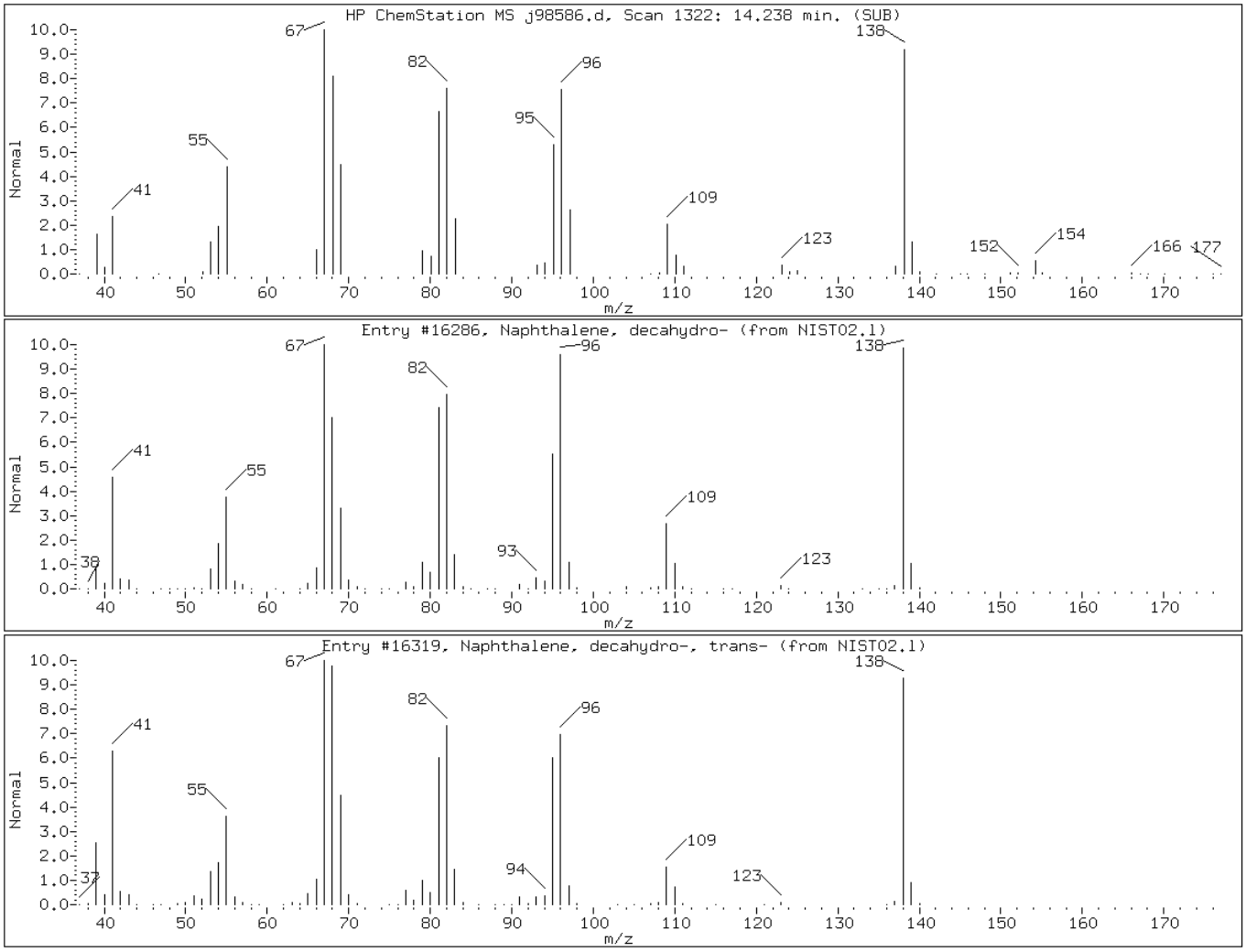
Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

Retention Time: 14.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-	91-17-8	NIST02.l	16286	96	C10H18	138
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	96	C10H18	138



Data File: j98586.d

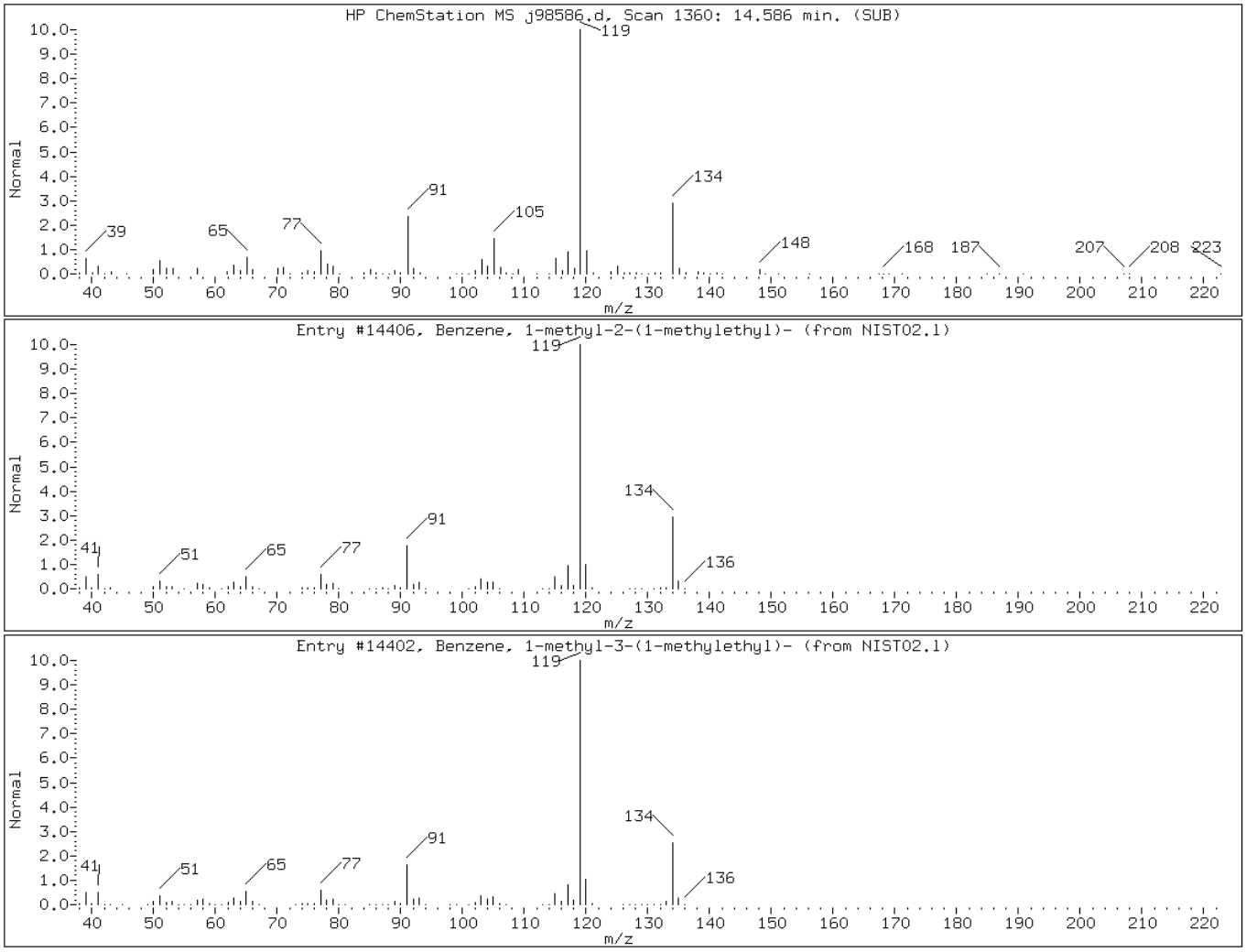
Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

Retention Time: 14.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methyl-methylethylbenzene isomer						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	94	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	93	C10H14	134



Data File: j98586.d

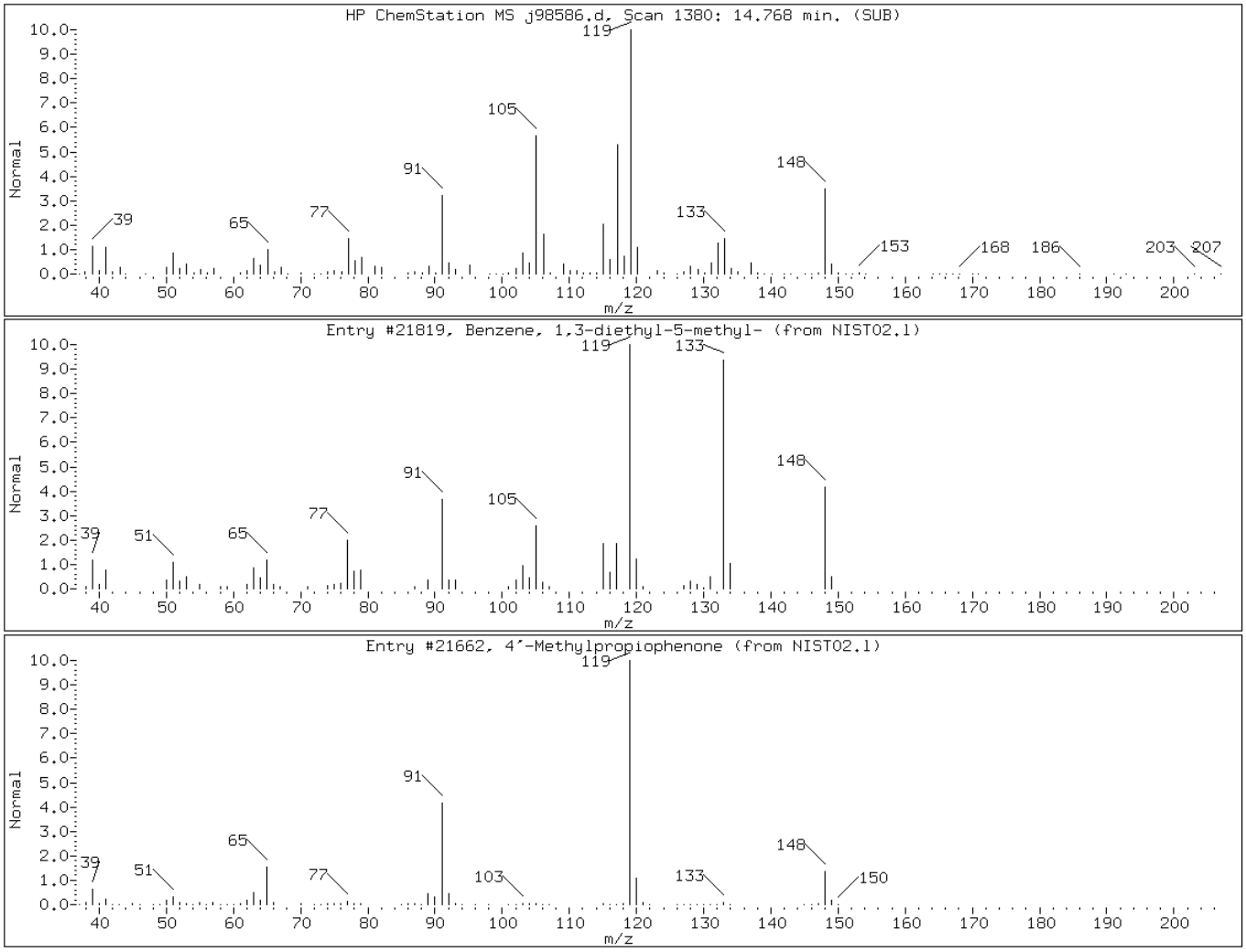
Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

Retention Time: 14.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	58	C11H16	148
4'-Methylpropiophenone	5337-93-9	NIST02.l	21662	49	C10H12O	148



Data File: j98586.d

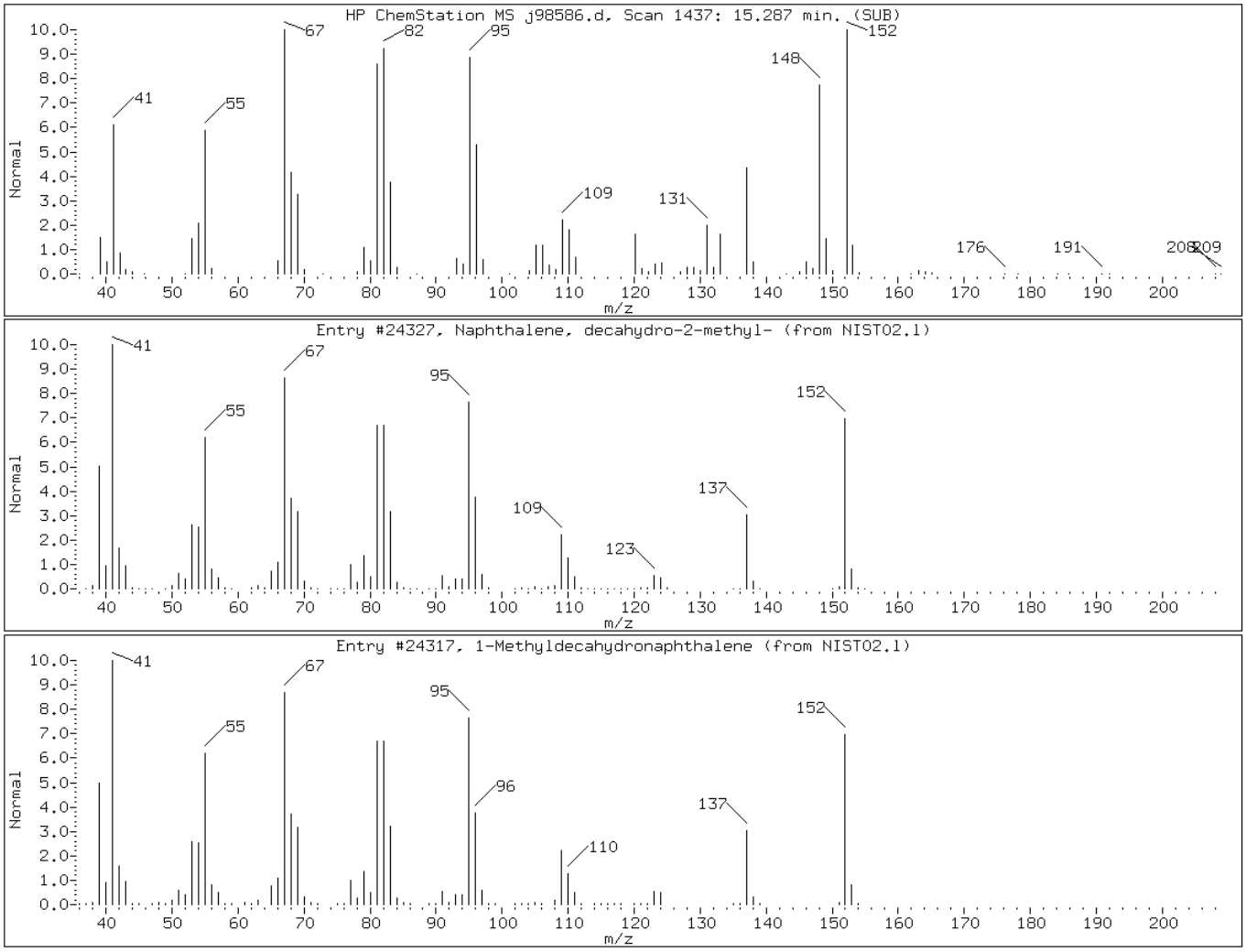
Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

Retention Time: 15.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	86	C11H20	152
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	86	C11H20	152



Data File: j98586.d

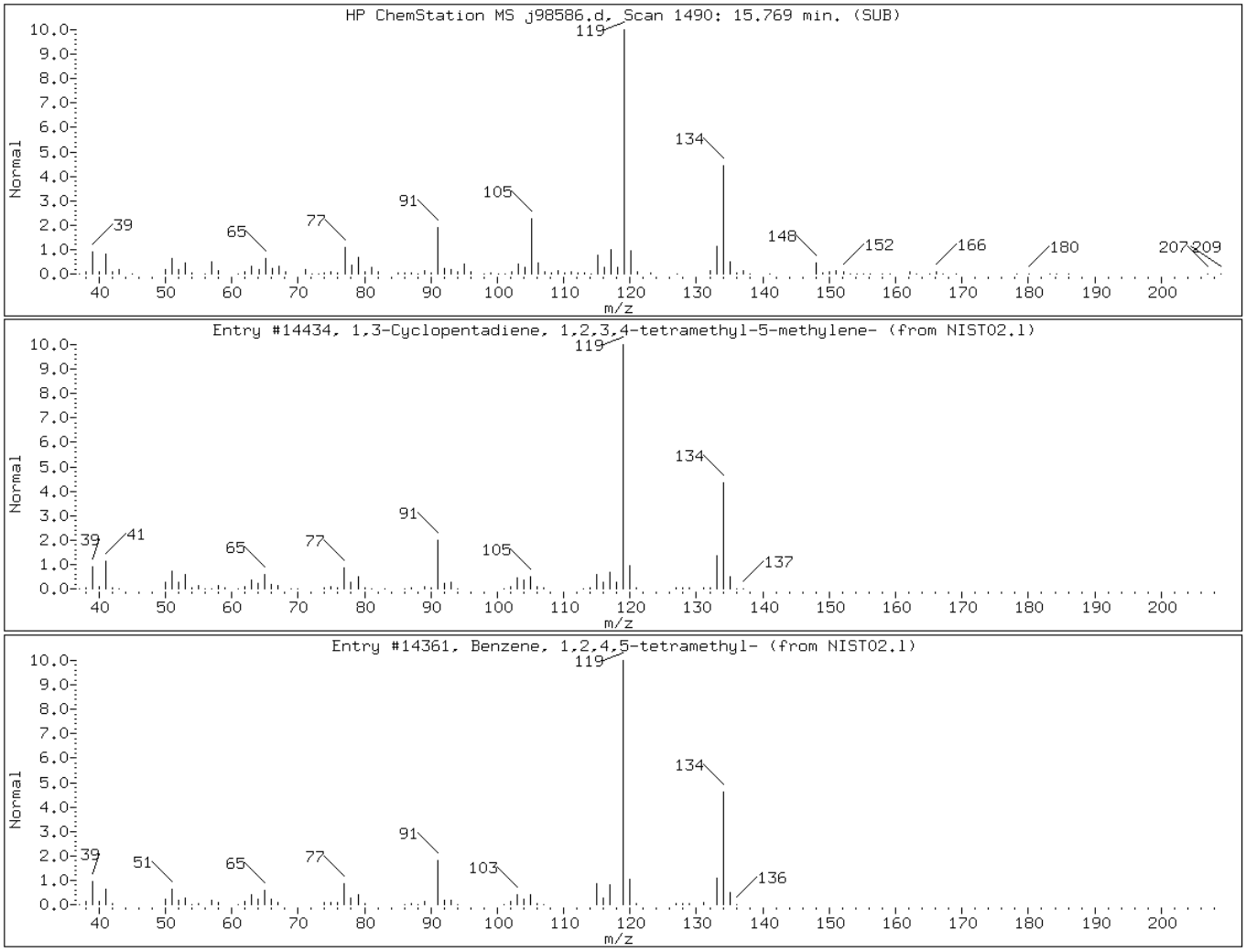
Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

Retention Time: 15.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-2						
1,3-Cyclopentadiene, 1,2,3,4-tetra	76089-59-3	NIST02.l	14434	95	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	95	C10H14	134



Data File: j98586.d

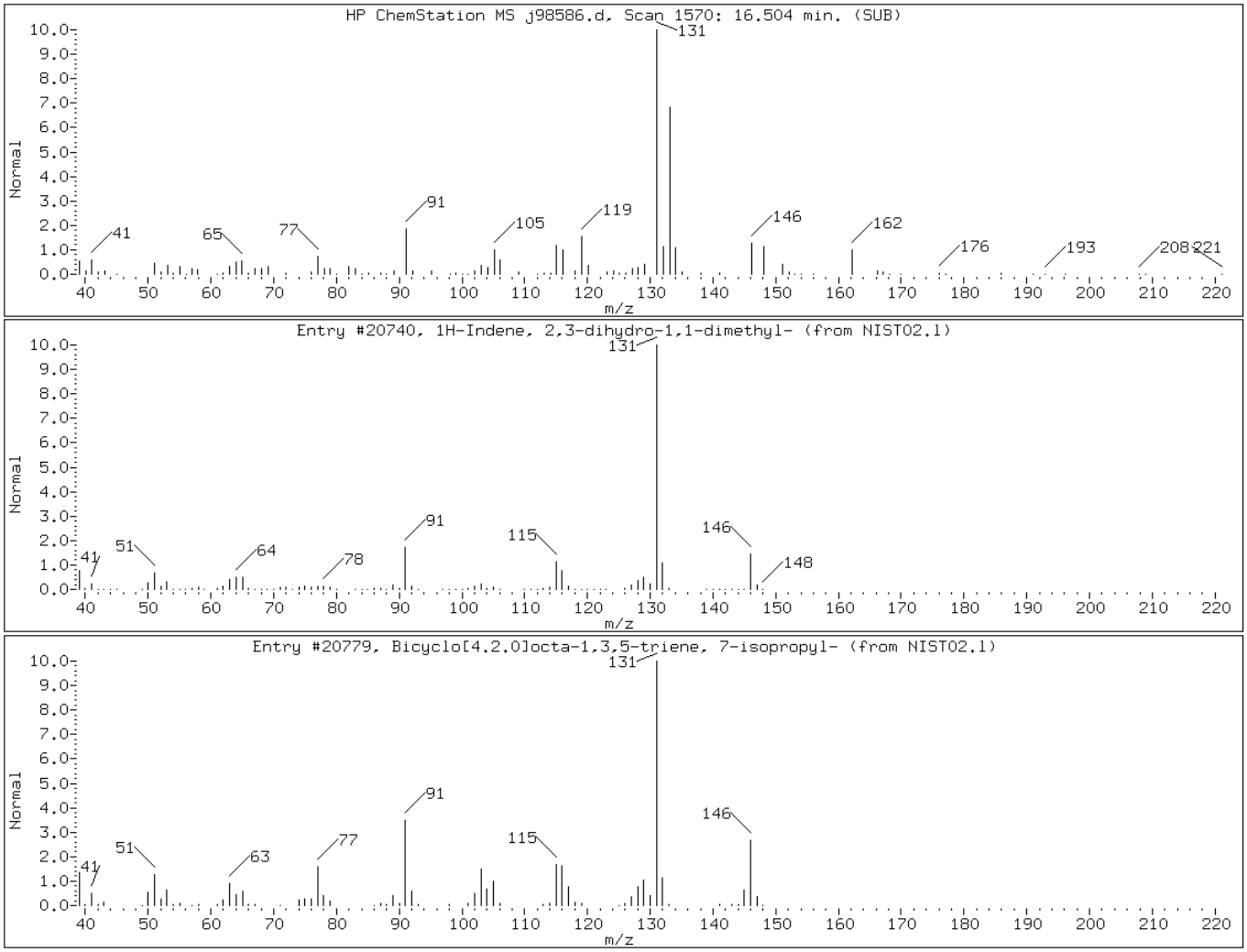
Date: 23-MAR-2011 18:32

Client ID: PMP-9-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-2-A;50;;5.04;5 Operator:

Retention Time: 16.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics-4						
1H-Indene, 2,3-dihydro-1,1-dimethy	4912-92-9	NIST02.l	20740	55	C11H14	146
Bicyclo[4.2.0]octa-1,3,5-triene, 7	27087-54-3	NIST02.l	20779	43	C11H14	146



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-SIE (10.5-11) Lab Sample ID: 460-24277-3

Matrix: Solid Lab File ID: o46661.d

Analysis Method: 8260B Date Collected: 03/17/2011 14:00

Sample wt/vol: 9.63(g) Date Analyzed: 03/26/2011 04:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 68548 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.58	U H	0.58	0.37
74-83-9	Bromomethane	0.58	U H	0.58	0.24
75-01-4	Vinyl chloride	0.58	U H	0.58	0.14
75-00-3	Chloroethane	0.58	U H	0.58	0.23
75-09-2	Methylene Chloride	0.58	U H	0.58	0.28
67-64-1	Acetone	20	H B	5.8	2.2
75-15-0	Carbon disulfide	0.61	H	0.58	0.27
75-69-4	Trichlorofluoromethane	0.58	U H	0.58	0.15
75-35-4	1,1-Dichloroethene	0.58	U H	0.58	0.22
75-34-3	1,1-Dichloroethane	0.58	U H	0.58	0.15
156-60-5	trans-1,2-Dichloroethene	0.58	U H	0.58	0.17
156-59-2	cis-1,2-Dichloroethene	0.58	U H	0.58	0.14
67-66-3	Chloroform	0.64	H	0.58	0.14
78-93-3	2-Butanone	5.8	U H	5.8	0.33
107-06-2	1,2-Dichloroethane	0.58	U H	0.58	0.23
71-55-6	1,1,1-Trichloroethane	0.58	U H	0.58	0.11
56-23-5	Carbon tetrachloride	0.58	U H	0.58	0.059
71-43-2	Benzene	0.58	U H	0.58	0.43
75-25-2	Bromoform	0.58	U H	0.58	0.41
100-42-5	Styrene	0.58	U H	0.58	0.20
100-41-4	Ethylbenzene	15	H	0.58	0.11
108-90-7	Chlorobenzene	1.5	H	0.58	0.28
110-82-7	Cyclohexane	0.58	U H	0.58	0.13
98-82-8	Isopropylbenzene	11	H	0.58	0.15
591-78-6	2-Hexanone	5.8	U H	5.8	0.98
1634-04-4	MTBE	0.58	U H	0.58	0.20
76-13-1	Freon TF	0.44	J H	0.58	0.28
79-20-9	Methyl acetate	0.58	U H	0.58	0.52
123-91-1	1,4-Dioxane	29	U H	29	2.4
79-01-6	Trichloroethene	0.69	H	0.58	0.21
108-88-3	Toluene	1.6	H	0.58	0.17
10061-02-6	trans-1,3-Dichloropropene	0.58	U H	0.58	0.13
108-10-1	4-Methyl-2-pentanone	5.8	U H	5.8	0.42
10061-01-5	cis-1,3-Dichloropropene	0.58	U H	0.58	0.12
95-50-1	1,2-Dichlorobenzene	2.2	H	0.58	0.37
541-73-1	1,3-Dichlorobenzene	0.58	U H	0.58	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-SIE (10.5-11) | Lab Sample ID: 460-24277-3

Matrix: Solid | Lab File ID: o46661.d

Analysis Method: 8260B | Date Collected: 03/17/2011 14:00

Sample wt/vol: 9.63(g) | Date Analyzed: 03/26/2011 04:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.2 | Level: (low/med) Low

Analysis Batch No.: 68548 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.45	J H	0.58	0.42
120-82-1	1,2,4-Trichlorobenzene	18	H	0.58	0.31
87-61-6	1,2,3-Trichlorobenzene	4.7	H	0.58	0.38
78-87-5	1,2-Dichloropropane	0.58	U H	0.58	0.19
108-87-2	Methylcyclohexane	28	H	0.58	0.16
127-18-4	Tetrachloroethene	4.6	H	0.58	0.19
1330-20-7	Xylenes, Total	60	H	1.8	0.46
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U H	0.58	0.36
79-34-5	1,1,2,2-Tetrachloroethane	0.58	U H	0.58	0.44
79-00-5	1,1,2-Trichloroethane	0.58	U H	0.58	0.35
124-48-1	Dibromochloromethane	0.58	U H	0.58	0.33
106-93-4	1,2-Dibromoethane	0.58	U H	0.58	0.30
75-71-8	Dichlorodifluoromethane	0.58	U H	0.58	0.24
74-97-5	Bromochloromethane	0.58	U H	0.58	0.16
75-27-4	Bromodichloromethane	0.58	U H	0.58	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	94		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-SIE (10.5-11) Lab Sample ID: 460-24277-3

Matrix: Solid Lab File ID: o46661.d

Analysis Method: 8260B Date Collected: 03/17/2011 14:00

Sample wt/vol: 9.63(g) Date Analyzed: 03/26/2011 04:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 68548 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 1301

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-63-6	1,2,4-Trimethylbenzene	11.01	150	H
	C11H24 Alkane	12.29	190	H J
	Decahydromethylnaphthalene isomer	12.89	74	H J
	Ethyldimethylbenzene isomer-3	12.93	82	H J
	Tetramethylbenzene isomer	13.32	140	H J
	C12H26 Alkane	13.40	320	H J
	Tetrahydronaphthalene isomer	13.45	72	H J
	C13H28 Alkane	13.52	91	H J
	C13H28 Alkane-1	14.23	100	H J
	Methylnaphthalene isomer	14.75	82	H J

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46661.d
Report Date: 29-Mar-2011 10:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46661.d
Lab Smp Id: 460-24277-D-3-A Client Smp ID: PMP-9-SIE (10.5-11)
Inj Date : 26-MAR-2011 04:04
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-3-A;;;9.63;5
Misc Info : 460-24277-D-3-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/8260L_10.m
Meth Date : 25-Mar-2011 20:15 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	9.63000	Weight of sample extracted (g)
M	11.17166	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	48 Freon TF	101	1.776	1.776	(0.440)	3342	0.75337	0.44(a)
	7 Acetone	43	1.807	1.813	(0.447)	23861	33.7400	20
	8 Carbon Disulfide	76	1.910	1.910	(0.473)	12922	1.03661	0.60
	15 Chloroform	83	3.288	3.282	(0.814)	8968	1.08959	0.64
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.721	(0.920)	140619	46.3190	27
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	825657	50.0000	
	25 Trichloroethene	95	4.410	4.410	(1.092)	6130	1.17440	0.69
	126 Methyl cyclohexane	83	4.605	4.605	(1.140)	492186	48.7119	28
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	646628	44.8742	26
	38 Toluene	91	5.891	5.891	(0.759)	66226	2.70893	1.6
	35 Tetrachloroethene	166	6.599	6.592	(0.850)	52776	7.90573	4.6
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	625658	50.0000	
	39 Chlorobenzene	112	7.800	7.805	(1.005)	40095	2.60529	1.5
	40 Ethylbenzene	106	8.007	8.007	(1.031)	208959	25.2040	15

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46661.d
Report Date: 29-Mar-2011 10:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
43	m+p-Xylene	106	8.196	8.196	(1.056)	440353	42.3169	25
44	o-Xylene	106	8.787	8.787	(1.132)	612427	60.8847	36
110	Isopropylbenzene	105	9.403	9.403	(1.211)	455768	18.5966	11
$ 41	Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	258745	46.9136	27
112	n-Propylbenzene	91	10.073	10.073	(0.878)	734954	21.2751	12
102	1,3,5-Trimethylbenzene	105	10.397	10.396	(0.906)	2767648	109.096	64
115	tert-Butylbenzene	119	10.915	10.915	(0.951)	49703	2.16914	1.3
100	1,2,4-Trimethylbenzene	105	11.006	11.000	(0.959)	6547688	253.148	150
114	sec-Butylbenzene	105	11.274	11.274	(0.982)	808144	24.1259	14
* 91	1,4-Dichlorobenzene-d4	152	11.476	11.475	(1.000)	370447	50.0000	
68	1,4-Dichlorobenzene	146	11.506	11.506	(1.003)	11198	0.76144	0.44(a)
113	p-Isopropyltoluene	119	11.524	11.518	(1.004)	909183	31.4748	18
69	1,2-Dichlorobenzene	146	11.982	11.981	(1.044)	51535	3.80889	2.2
111	n-Butylbenzene	91	12.055	12.049	(1.050)	1045543	40.6965	24
93	1,2,4-Trichlorobenzene	180	13.646	13.640	(1.189)	343832	31.1499	18(H)
70	Naphthalene	128	13.841	13.841	(1.206)	707799	36.0665	21
98	1,2,3-Trichlorobenzene	180	14.048	14.048	(1.224)	79737	8.04340	4.7
M 45	Xylene (Total)	100				1052780	102.308	60

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46661.d
Report Date: 29-Mar-2011 10:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46661.d
Lab Smp Id: 460-24277-D-3-A Client Smp ID: PMP-9-SIE (10.5-11)
Inj Date : 26-MAR-2011 04:04
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-3-A;;;9.63;5
Misc Info : 460-24277-D-3-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/8260L_10.m
Meth Date : 25-Mar-2011 20:15 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	9.63000	Weight of sample extracted (g)
M	11.17166	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 91 1,4-Dichlorobenzene-d4	11.476	5658741	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H22 Alkane					CAS #:		
10.543	12923941	114.194477	67	0		0	91
Trimethylbenzene isomer					CAS #:		
11.622	10844708	95.8226112	56	0		0	91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46661.d
Report Date: 29-Mar-2011 10:05

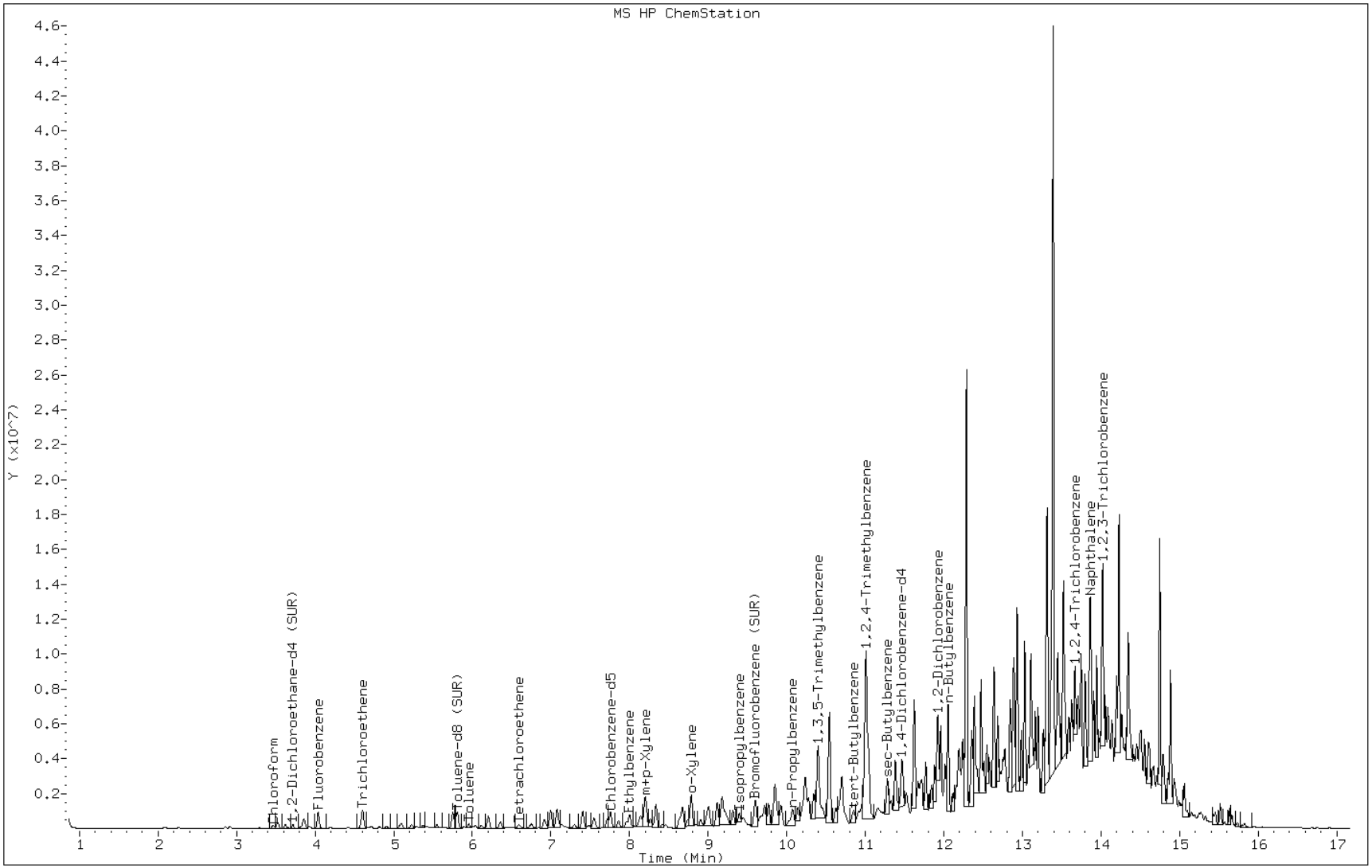
	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C11H24 Alkane					CAS #:		
12.293	36039251	318.438732	190	0		0	91
Ethyldimethylbenzene isomer					CAS #:		
12.390	10417838	92.0508334	54	0		0	91
Ethyldimethylbenzene isomer-1					CAS #:		
12.475	11311768	99.9494950	58	0		0	91
Ethyldimethylbenzene isomer-2					CAS #:		
12.640	11362219	100.395275	59	0		0	91
Decahydromethylnaphthalene isomer					CAS #:		
12.890	14371279	126.982986	74	0		0	91
Ethyldimethylbenzene isomer-3					CAS #:		
12.933	15913132	140.606627	82	0		0	91
Tetramethylbenzene isomer					CAS #:		
13.317	26621504	235.224585	140	0		0	91
C12H26 Alkane					CAS #:		
13.396	62739292	554.357257	320	0		0	91
Tetrahydronaphthalene isomer					CAS #:		
13.451	13932542	123.106359	72	0		0	91
C13H28 Alkane					CAS #:		
13.524	17560434	155.161996	91	0		0	91
C13H28 Alkane-1					CAS #:		
14.231	19464527	171.986345	100	0		0	91
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
14.347	13473889	119.053753	70	0		0	91
Methylnaphthalene isomer					CAS #:		
14.749	15973727	141.142040	82	0		0	91
Methylnaphthalene isomer-1					CAS #:		
14.883	11570745	102.237790	60	0		0	91

Data File: o46661.d

Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9



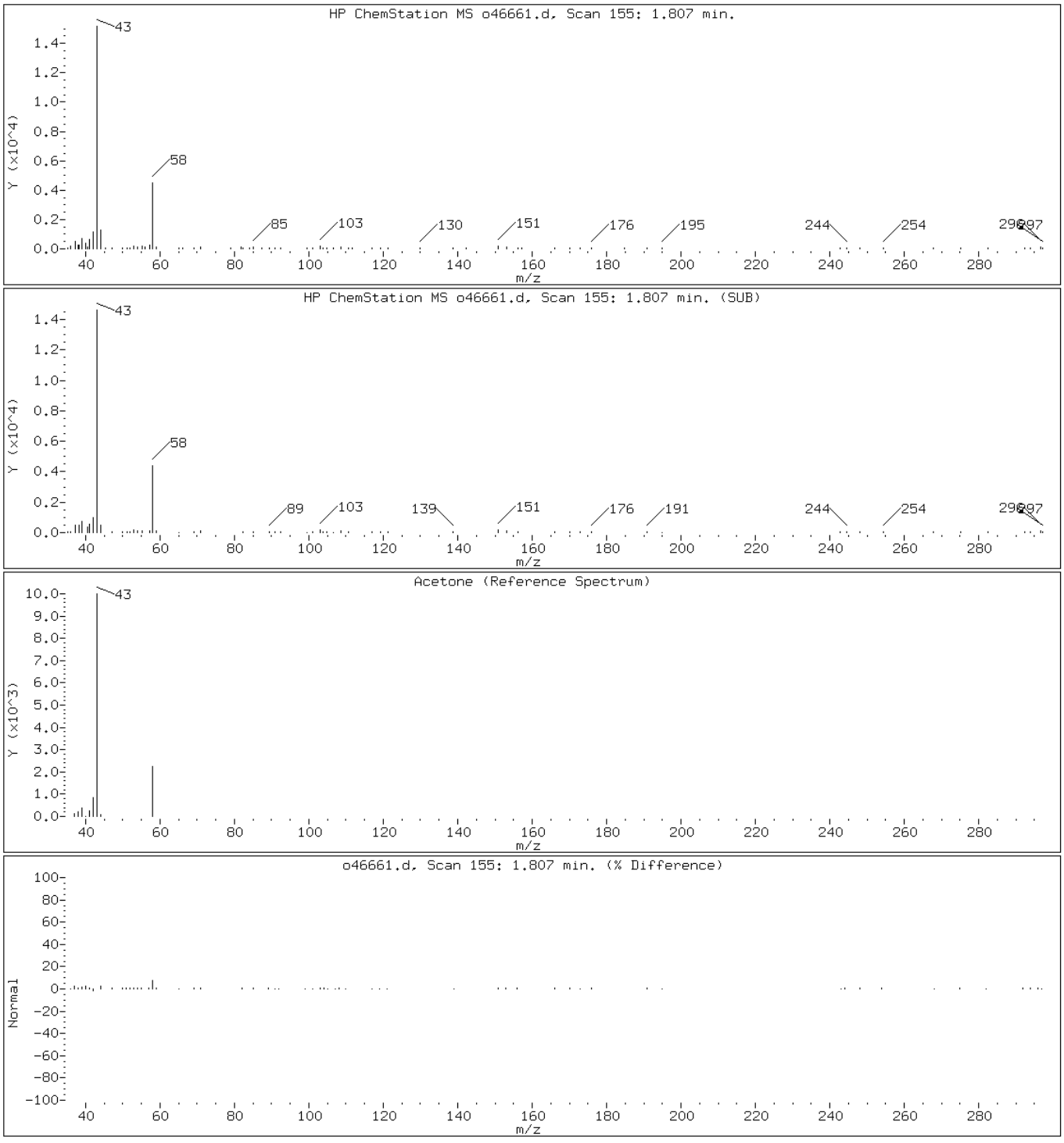
Data File: o46661.d

Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

7 Acetone



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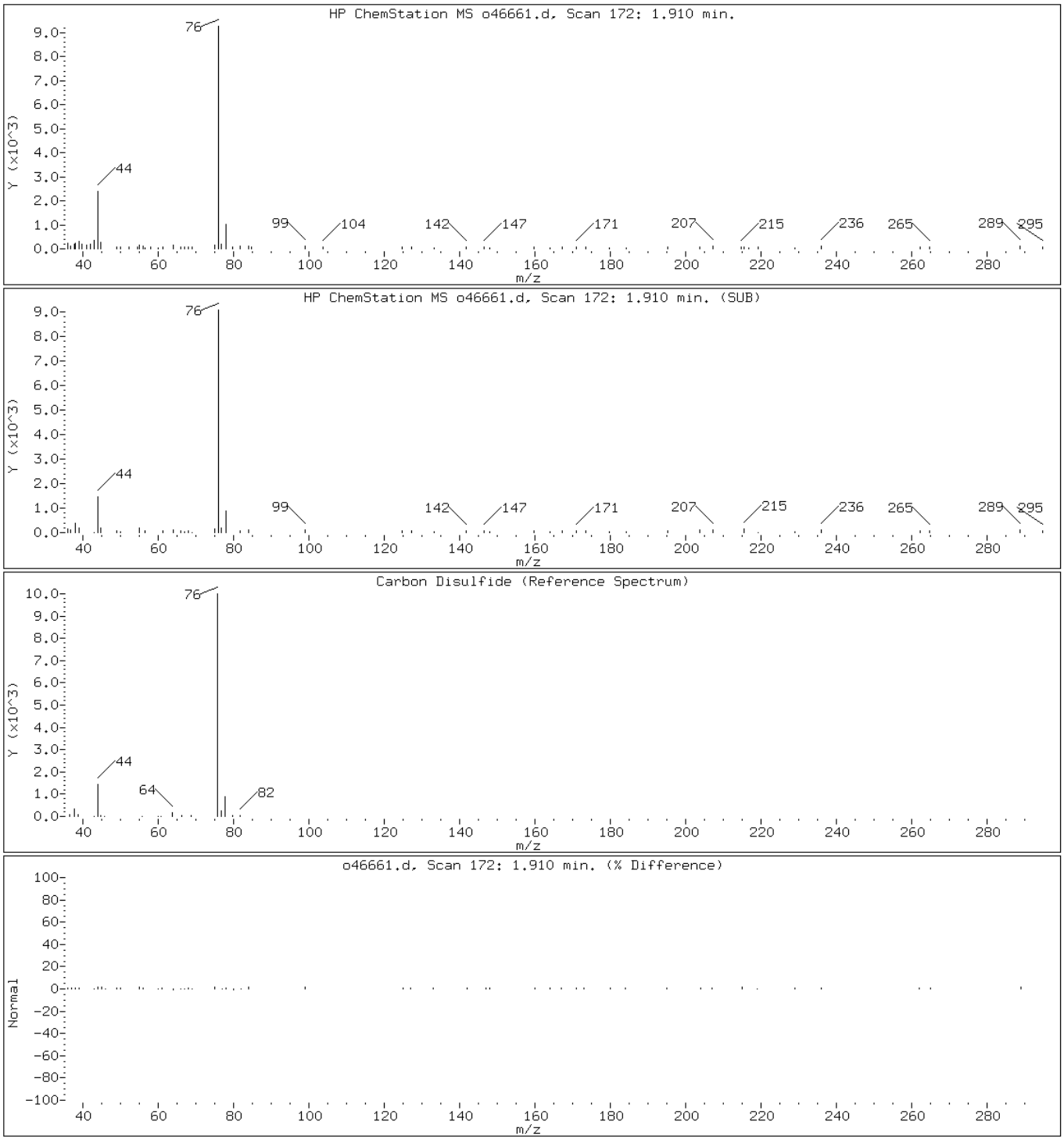
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

8 Carbon Disulfide



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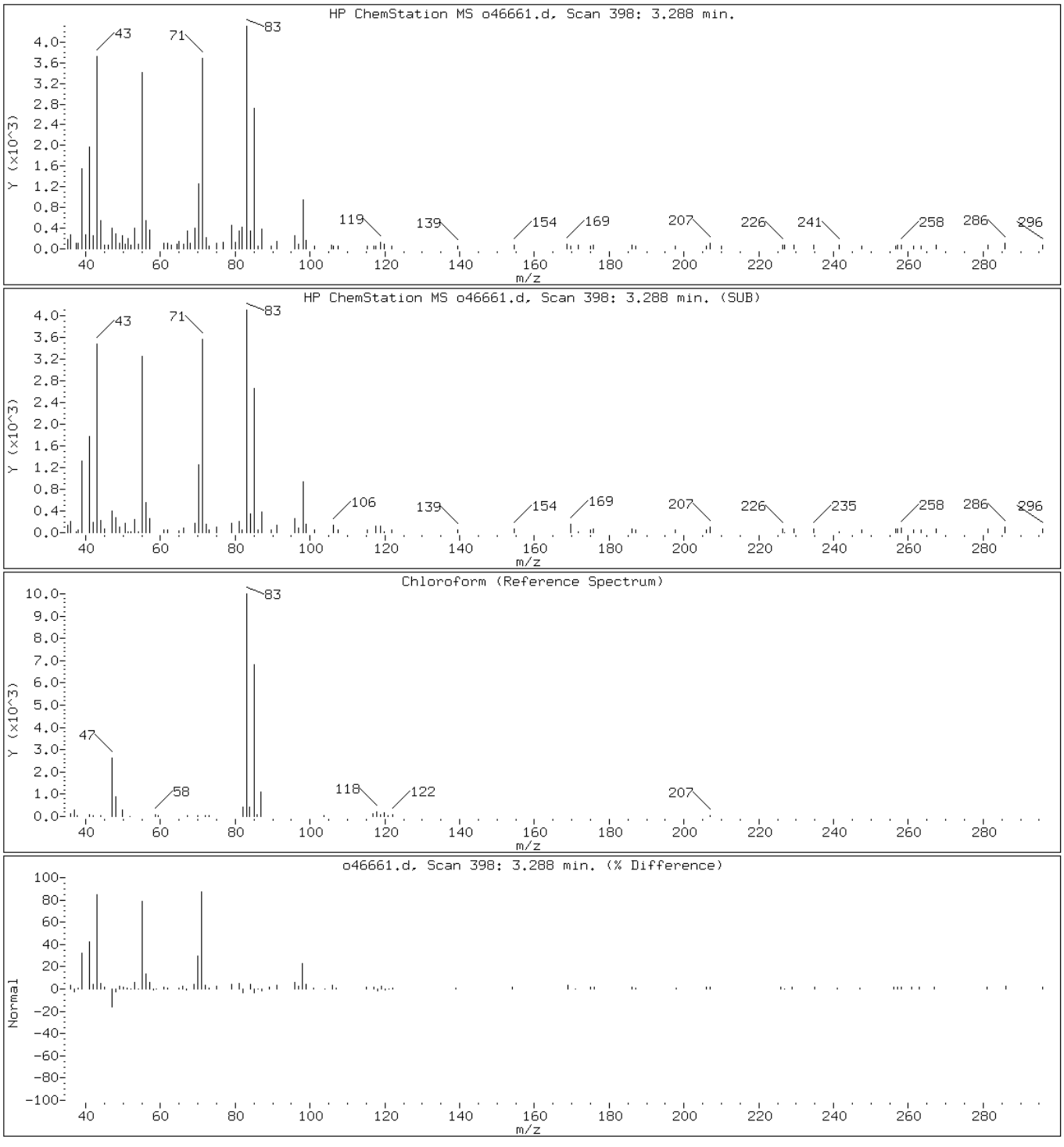
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

15 Chloroform



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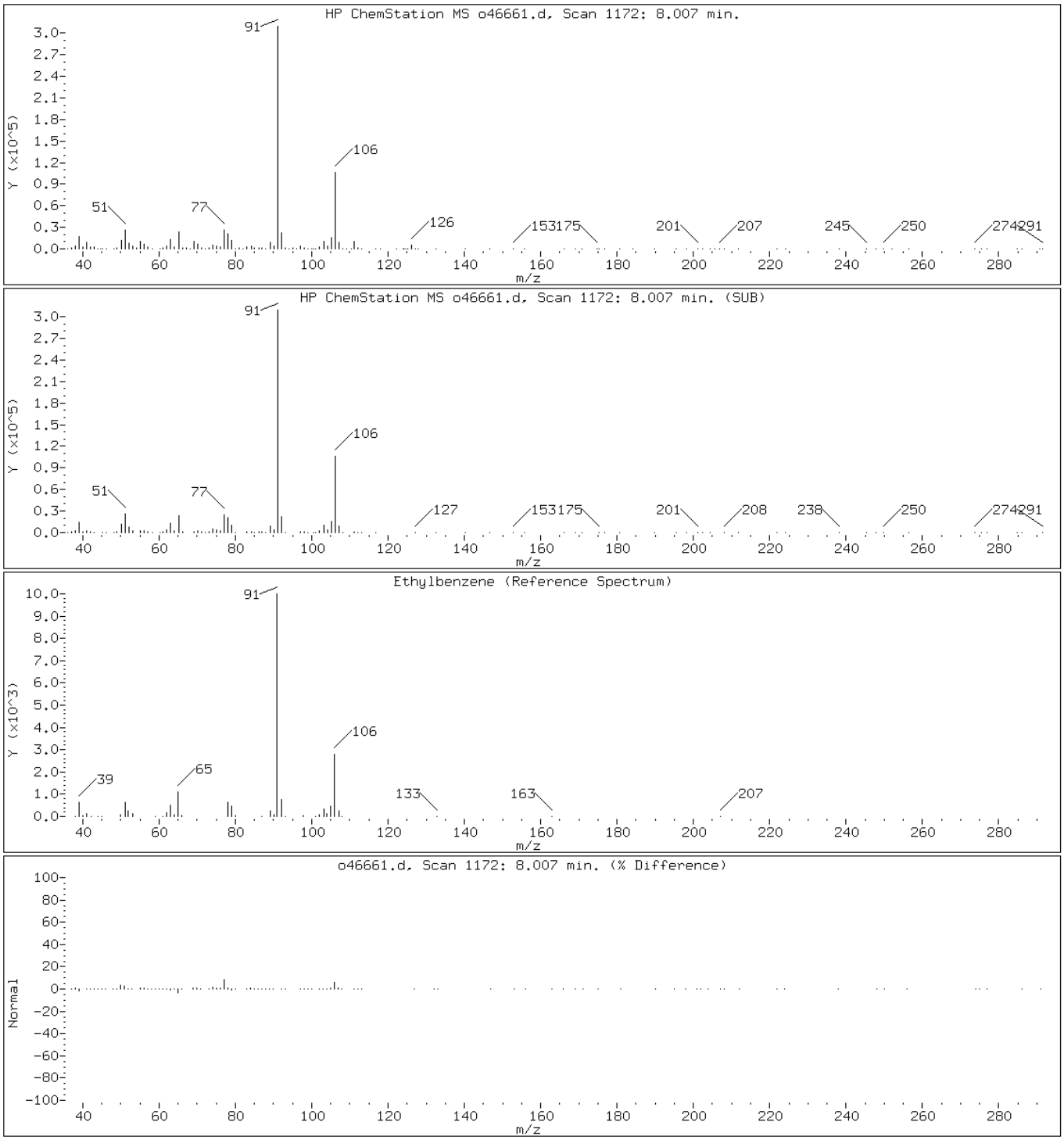
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

40 Ethylbenzene



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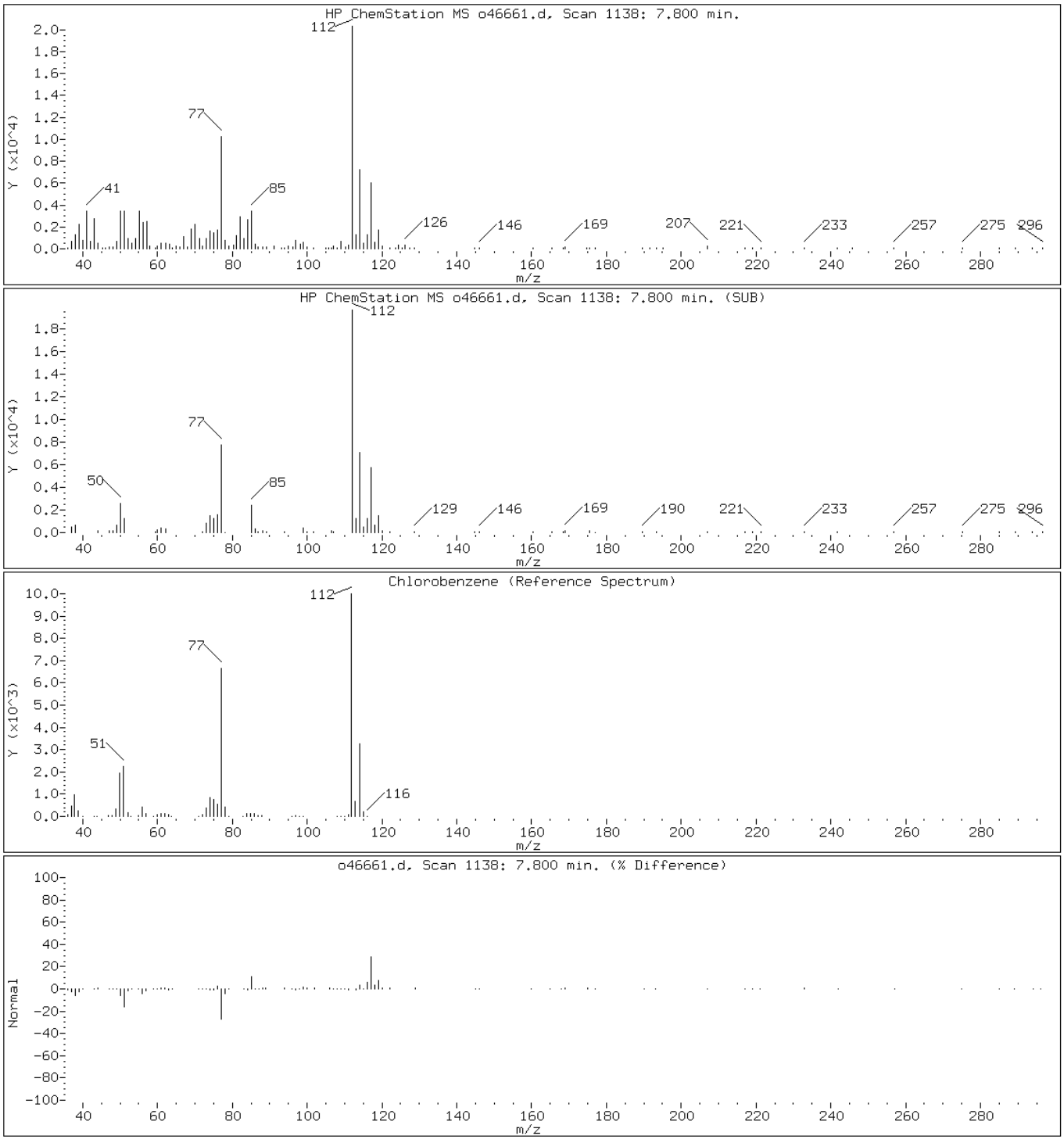
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

39 Chlorobenzene



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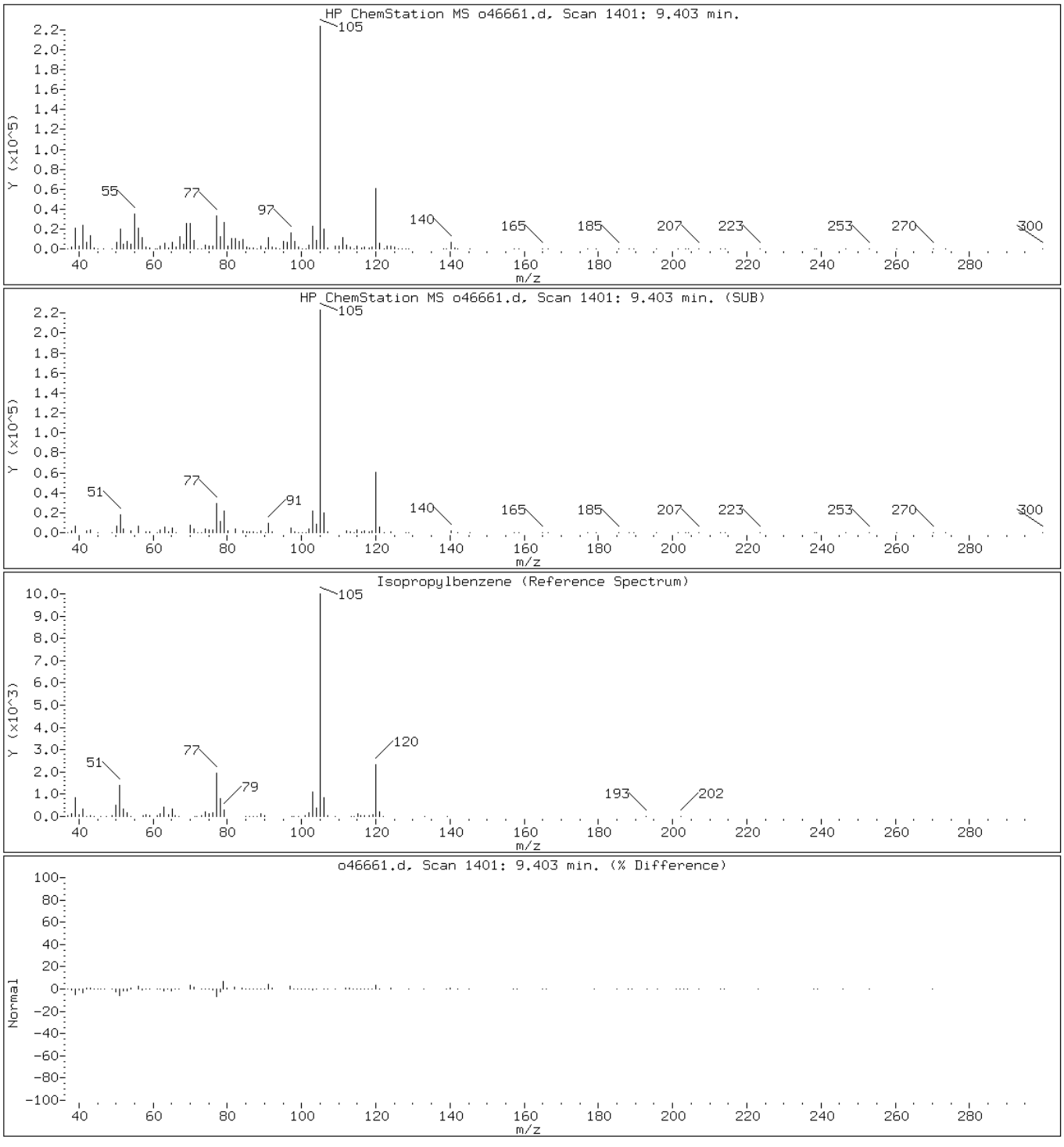
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

110 Isopropylbenzene



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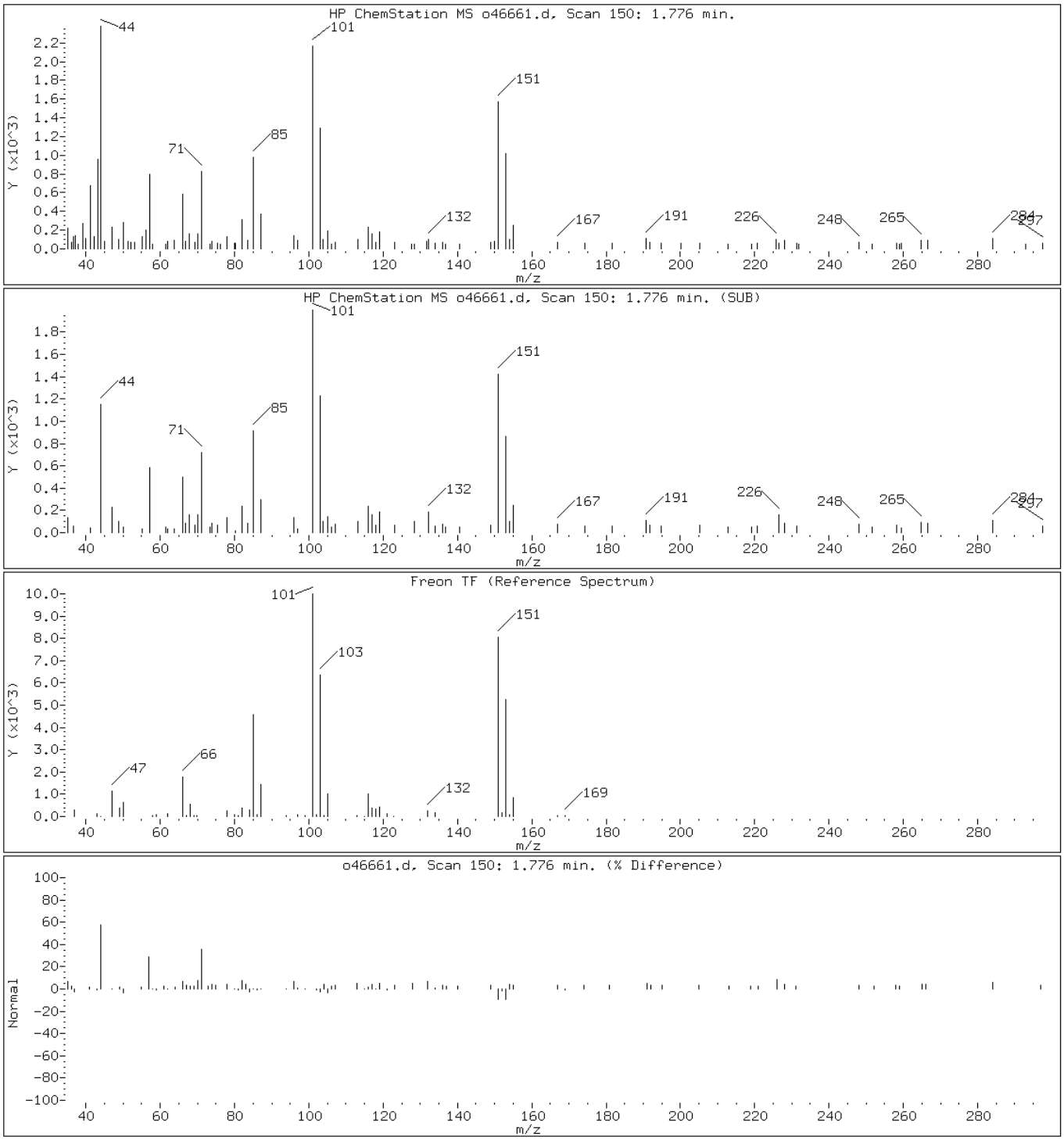
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

48 Freon TF



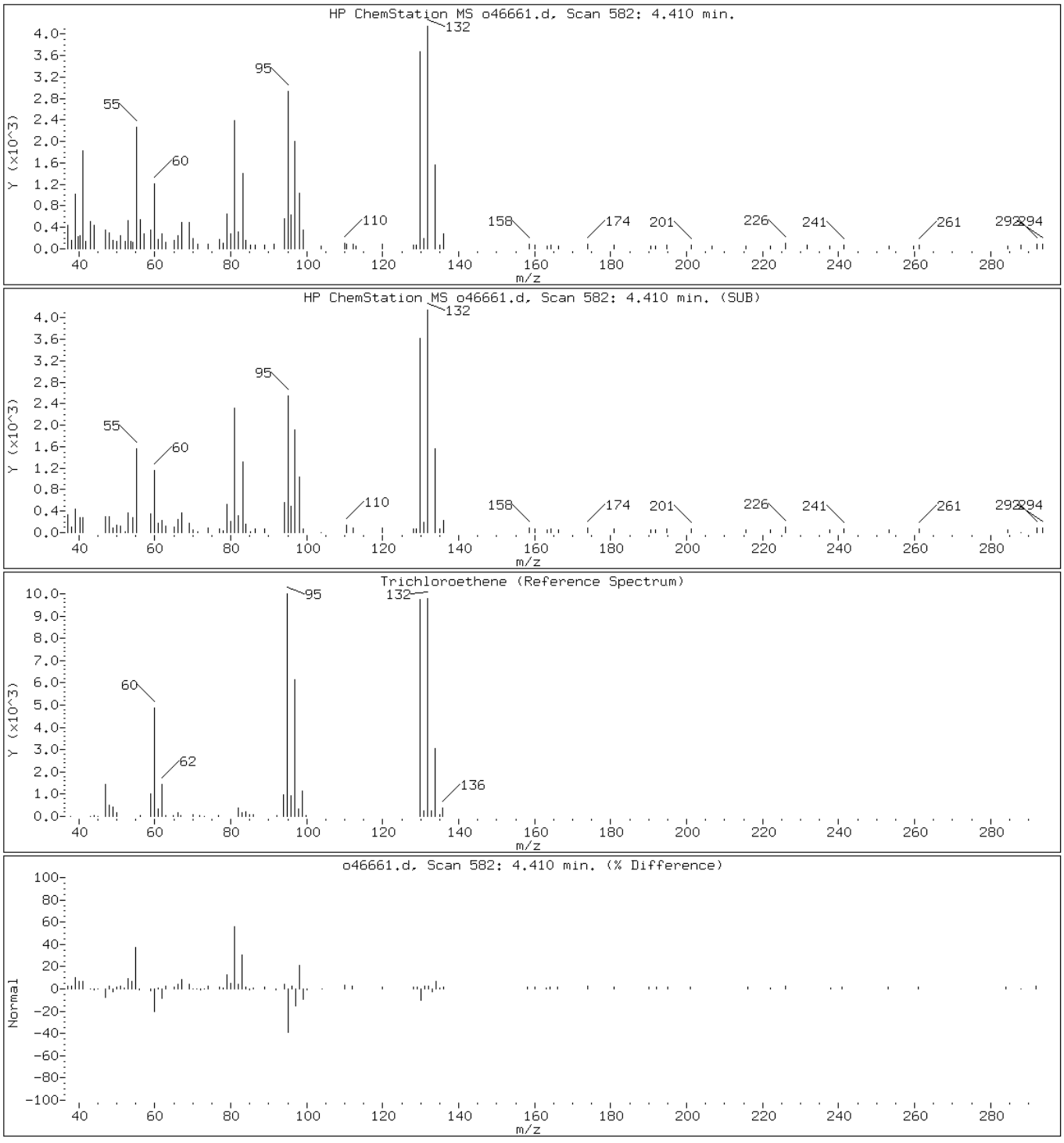
Data File: o46661.d

Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

25 Trichloroethene



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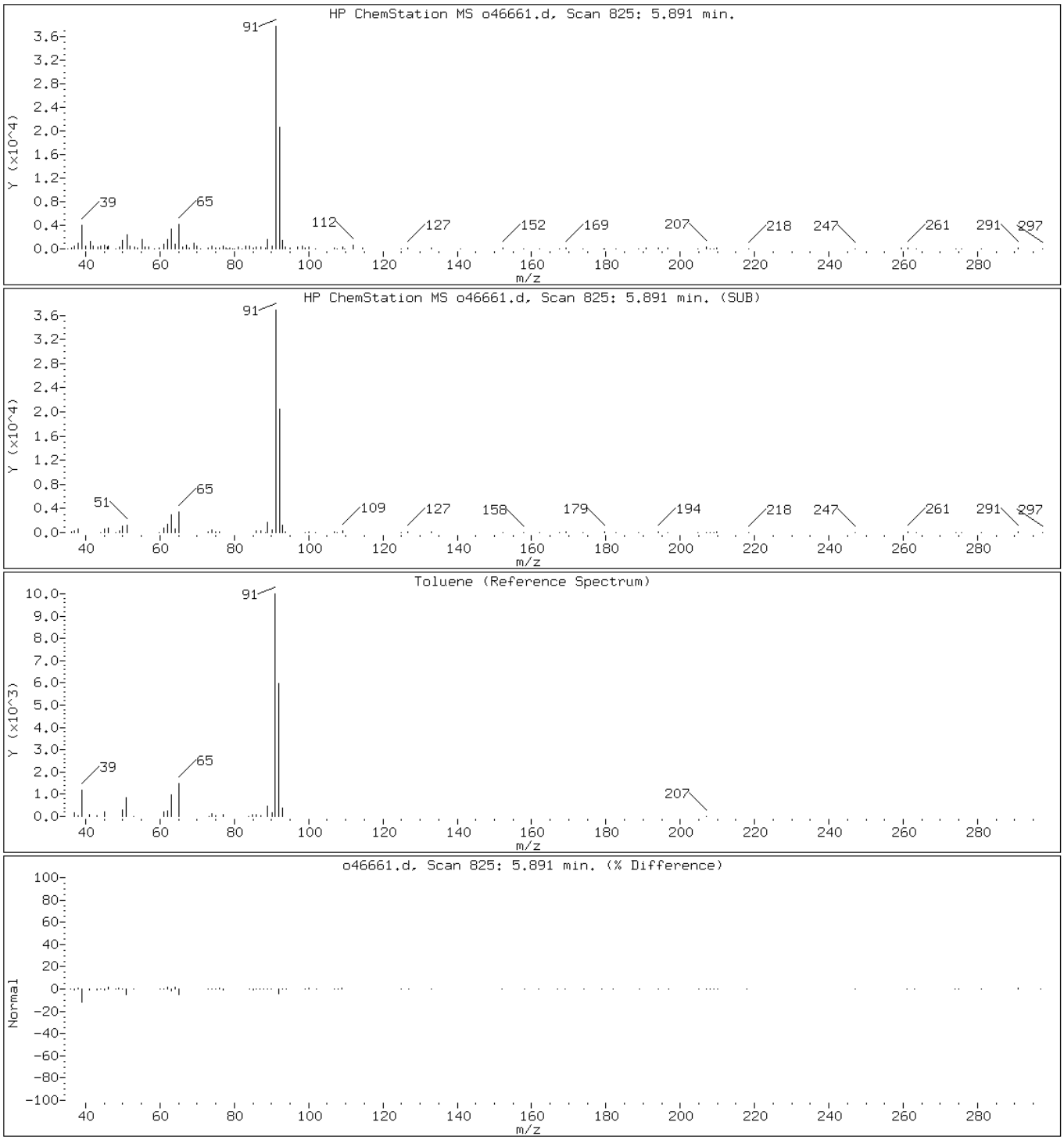
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

38 Toluene



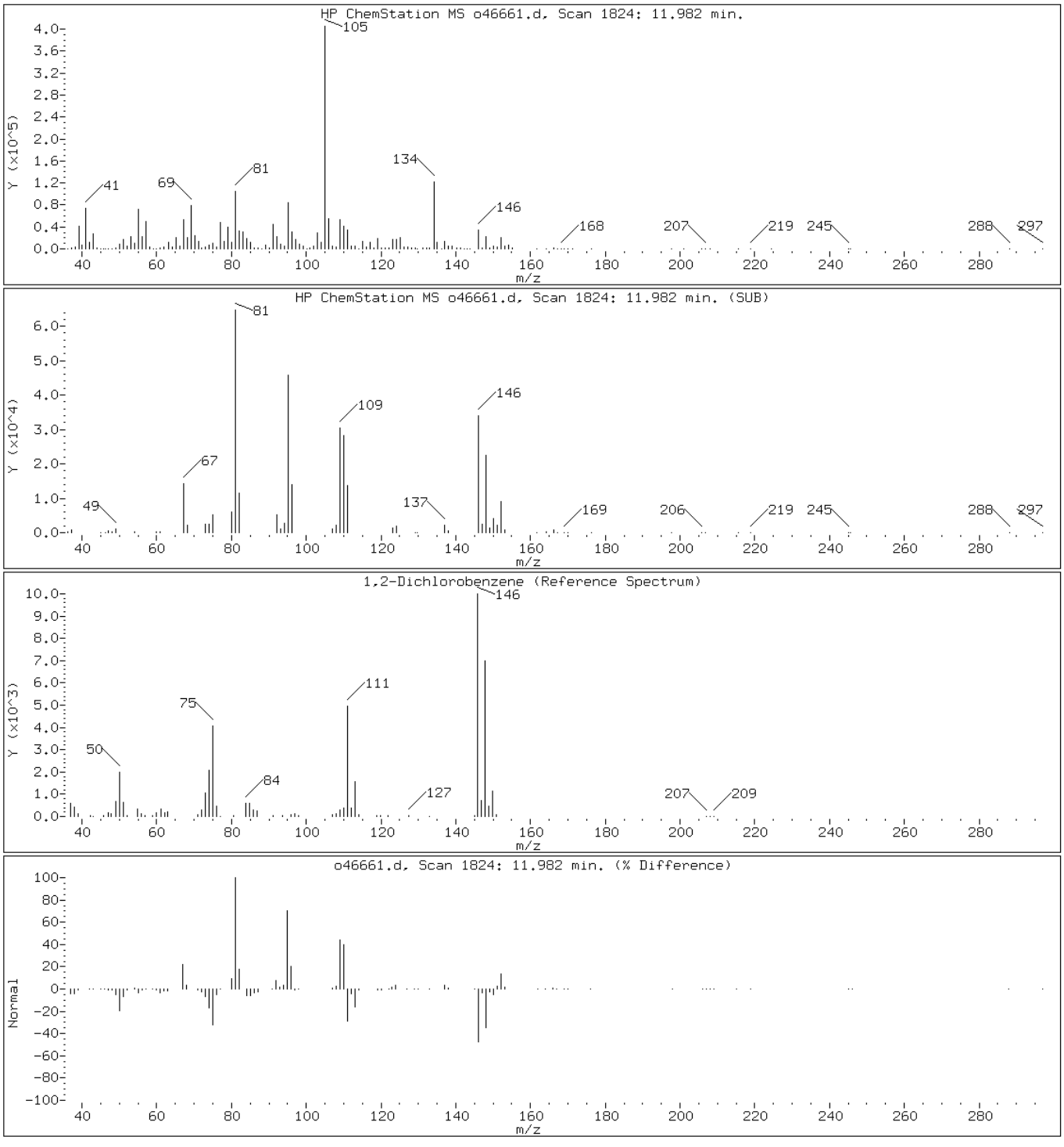
Data File: o46661.d

Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



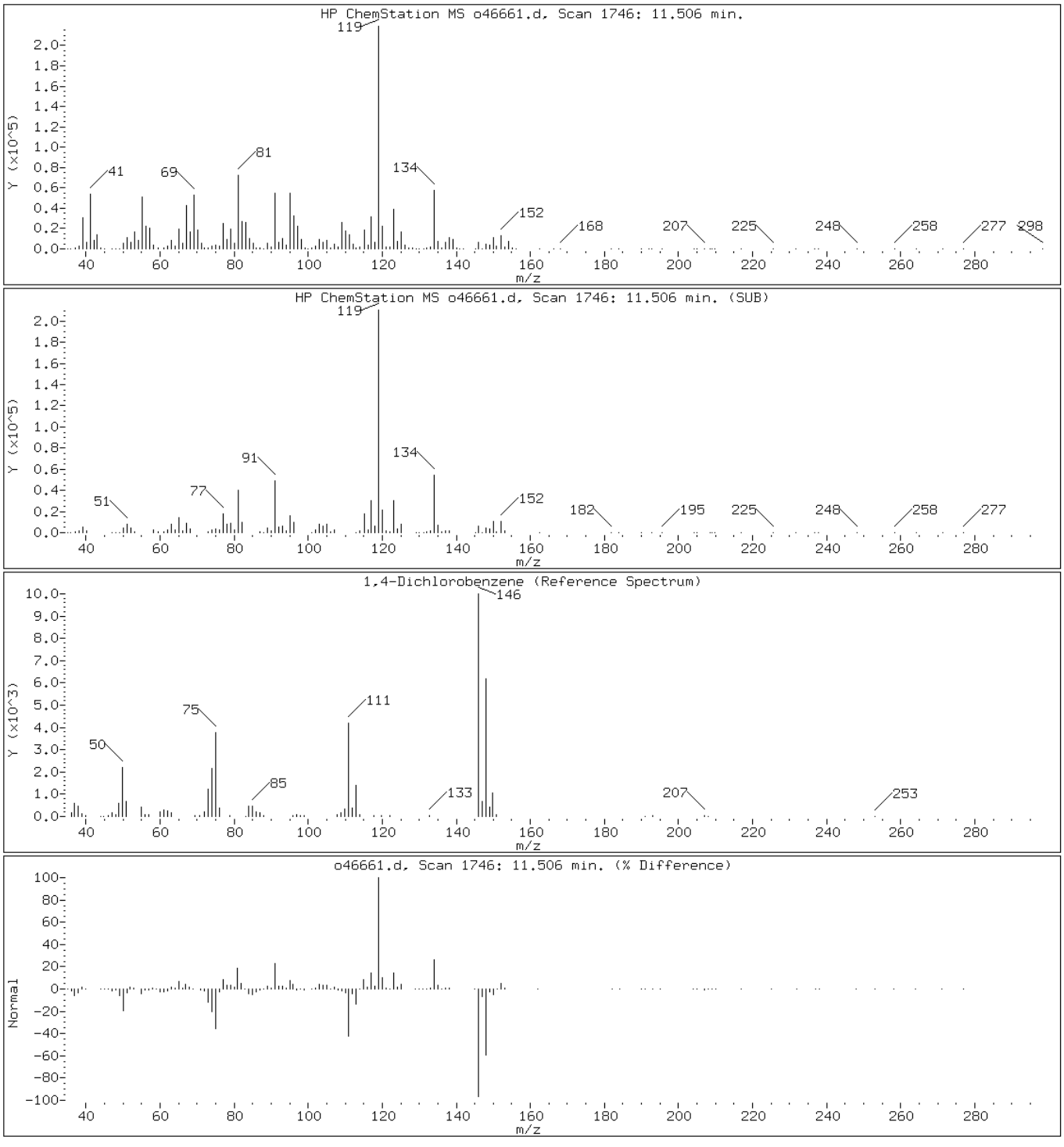
Data File: o46661.d

Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



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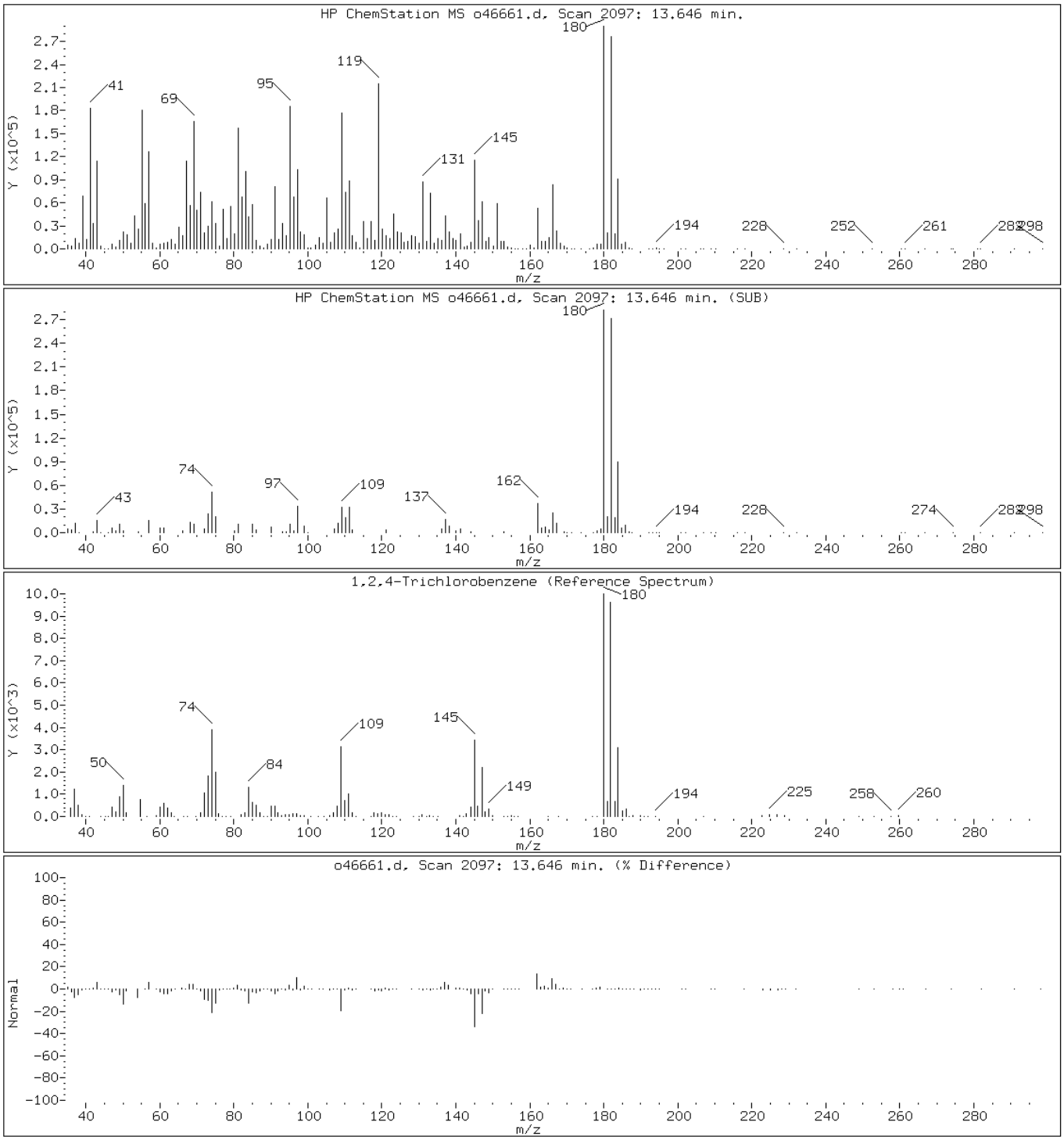
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



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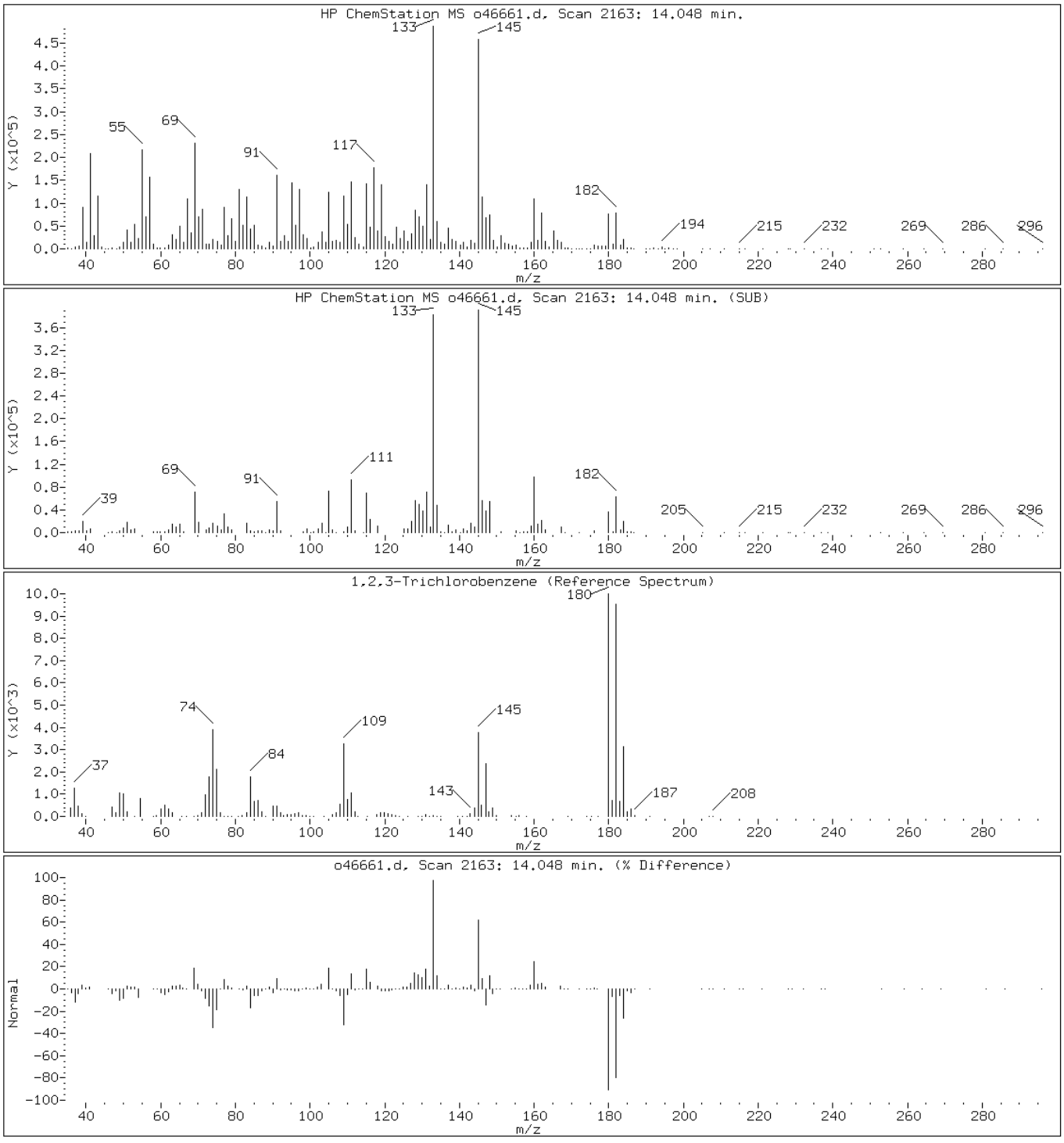
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



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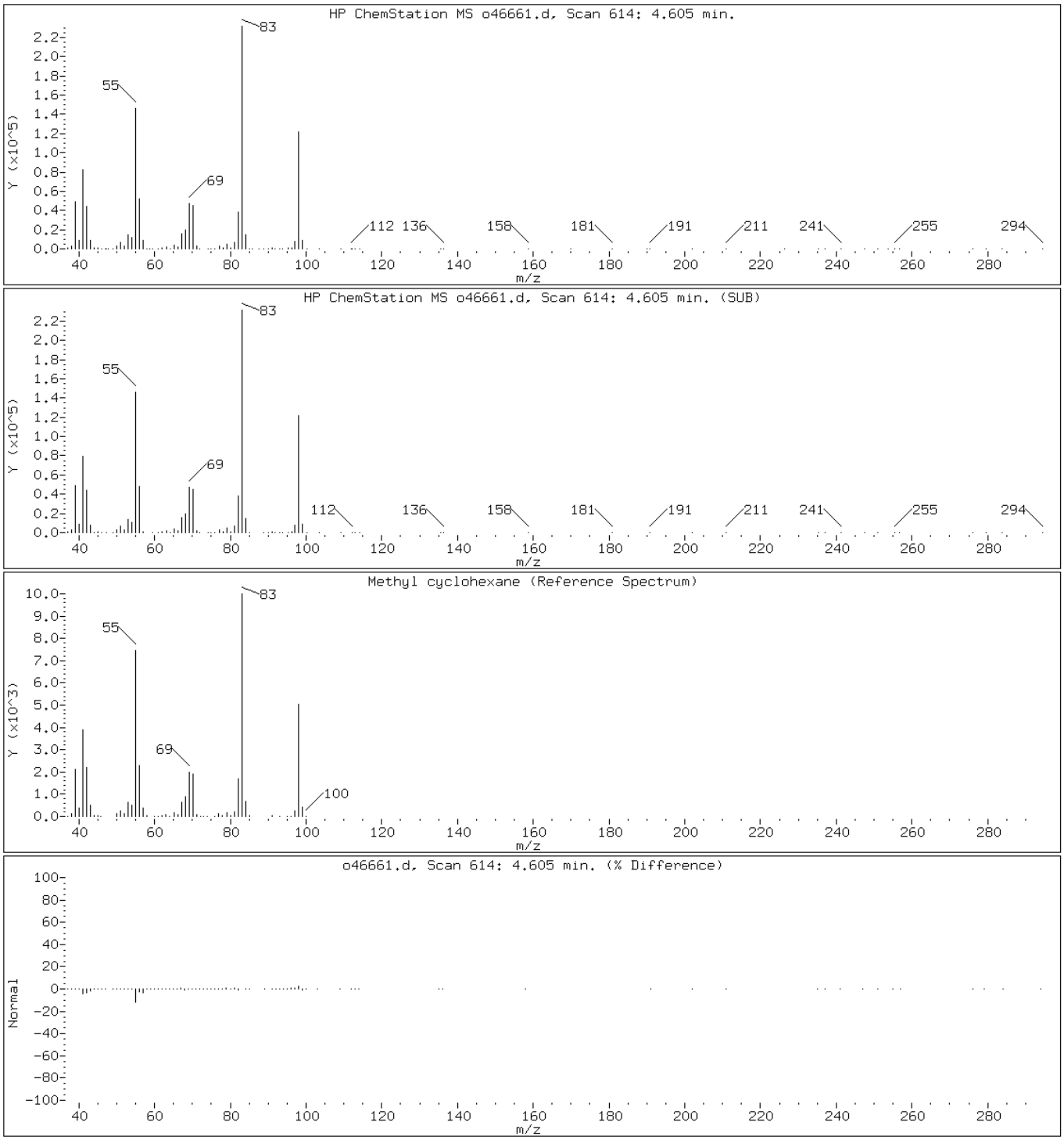
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

126 Methyl cyclohexane



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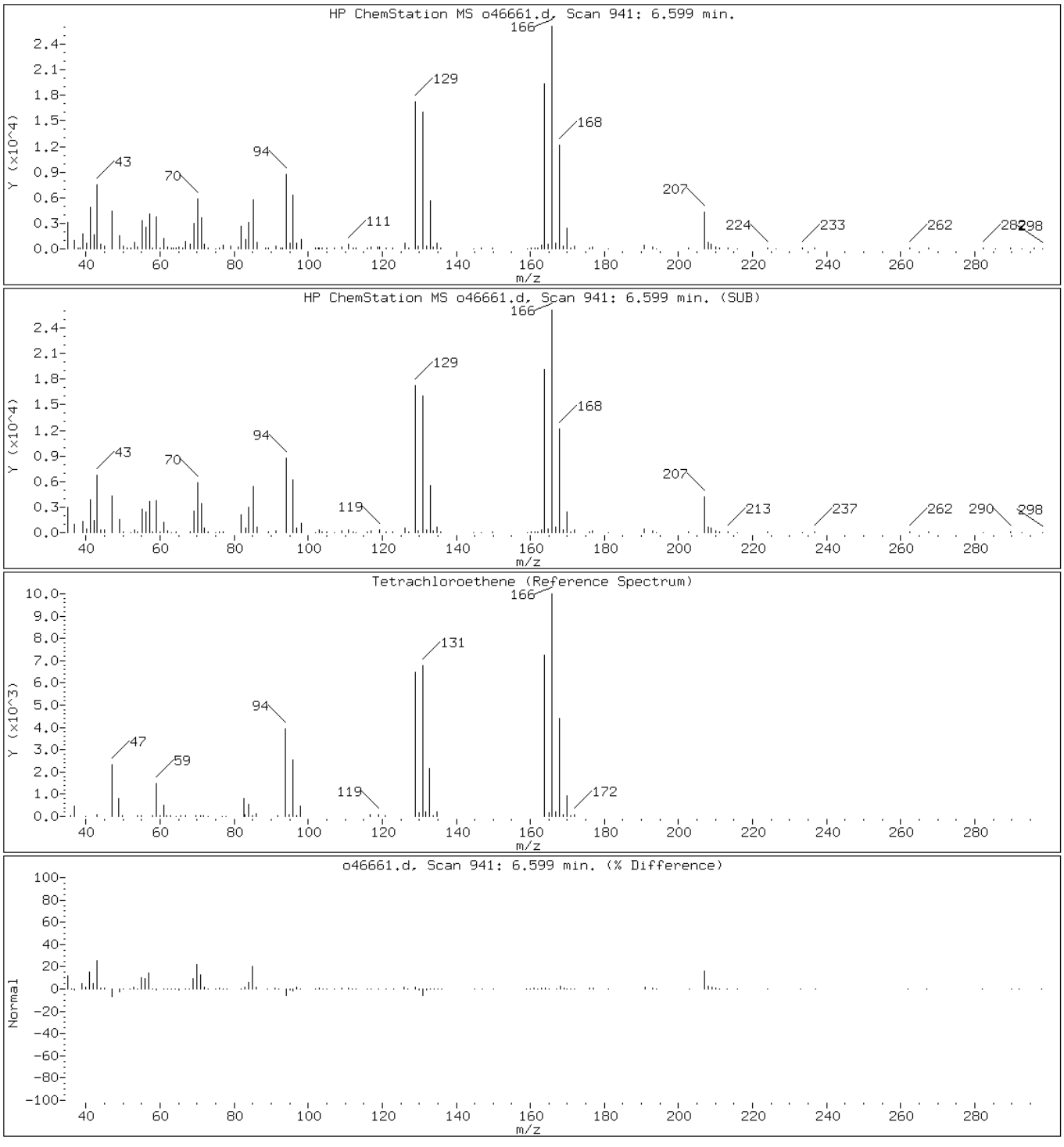
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

35 Tetrachloroethene



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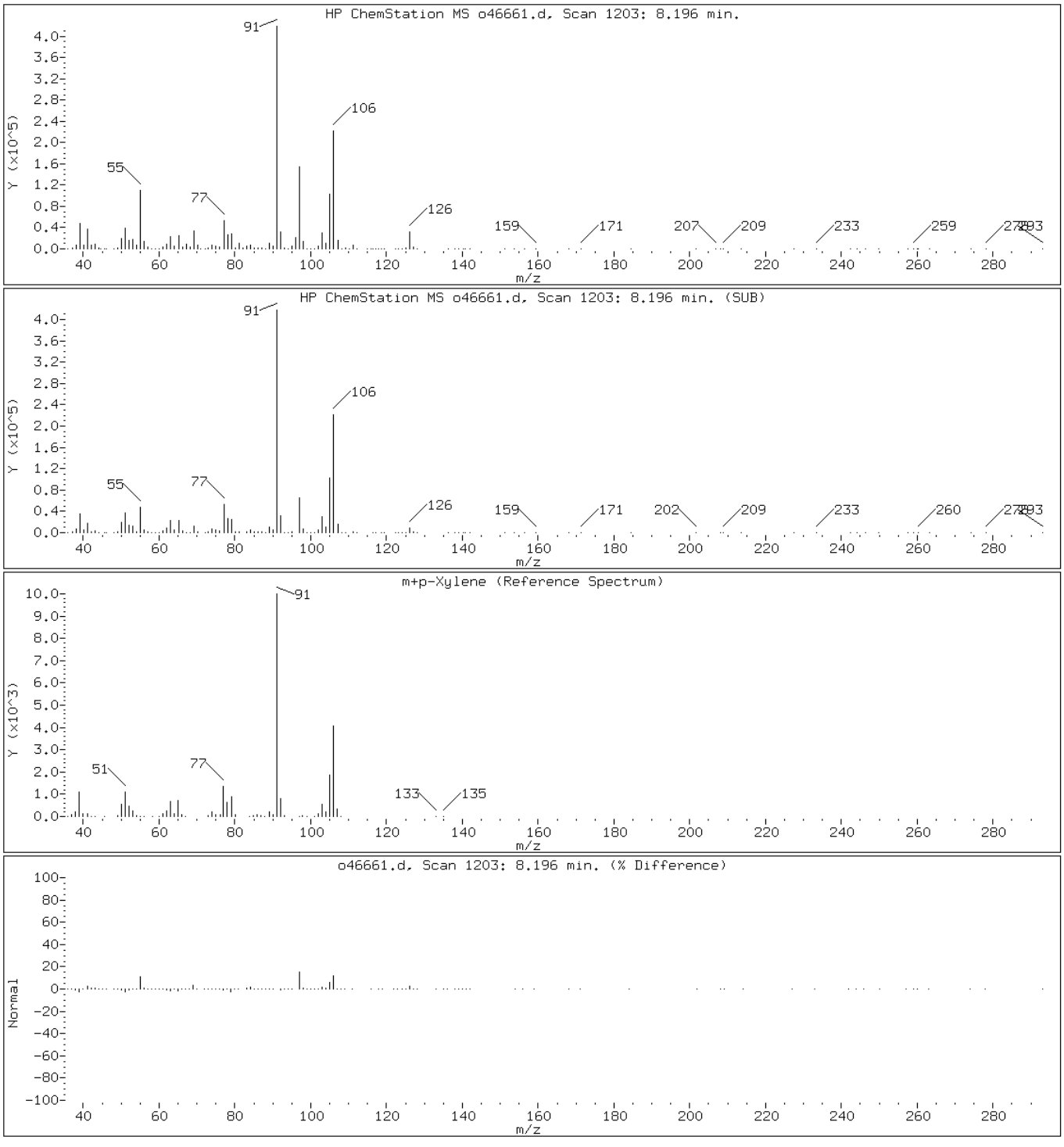
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

43 m+p-Xylene



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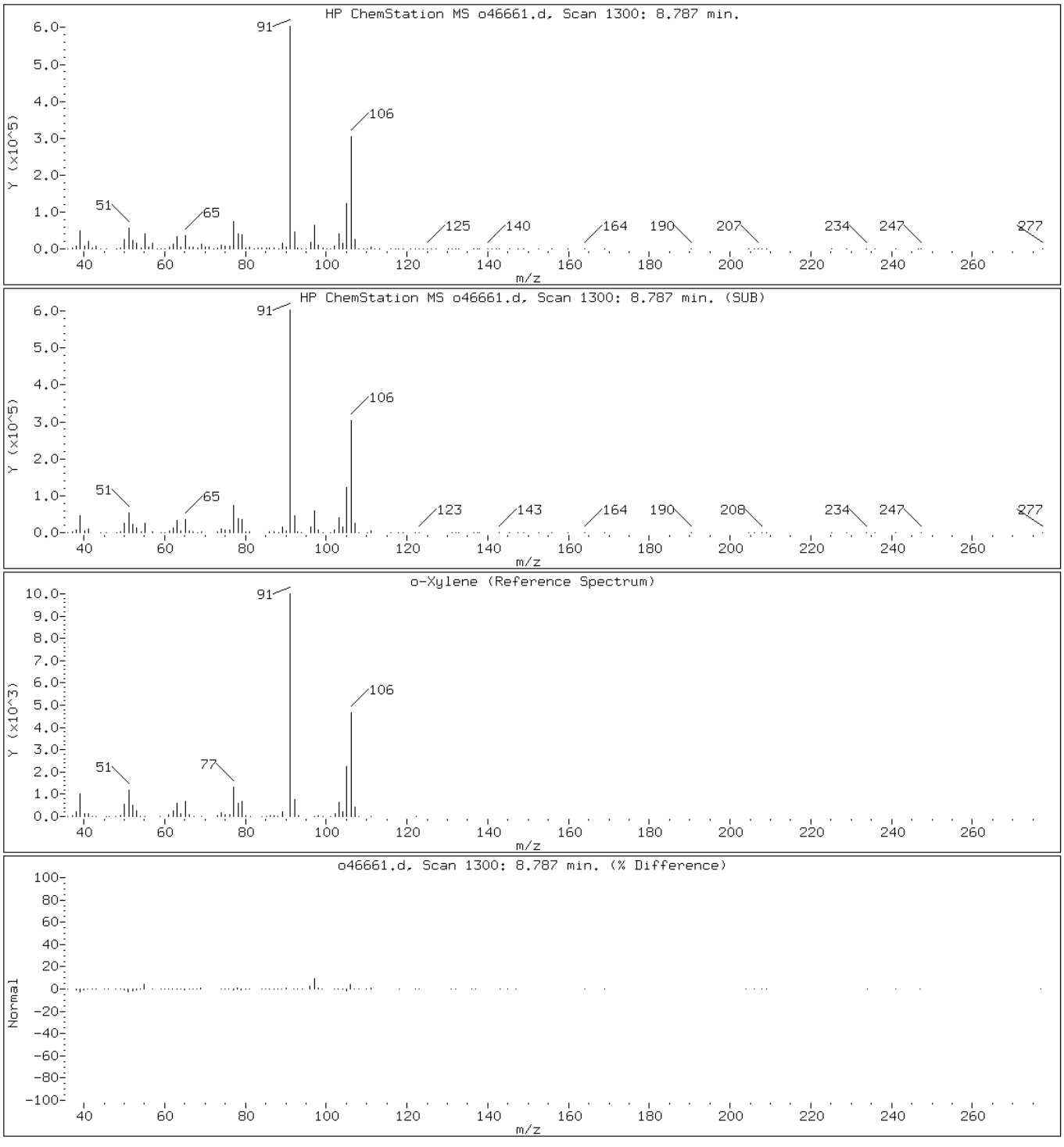
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

44 o-Xylene



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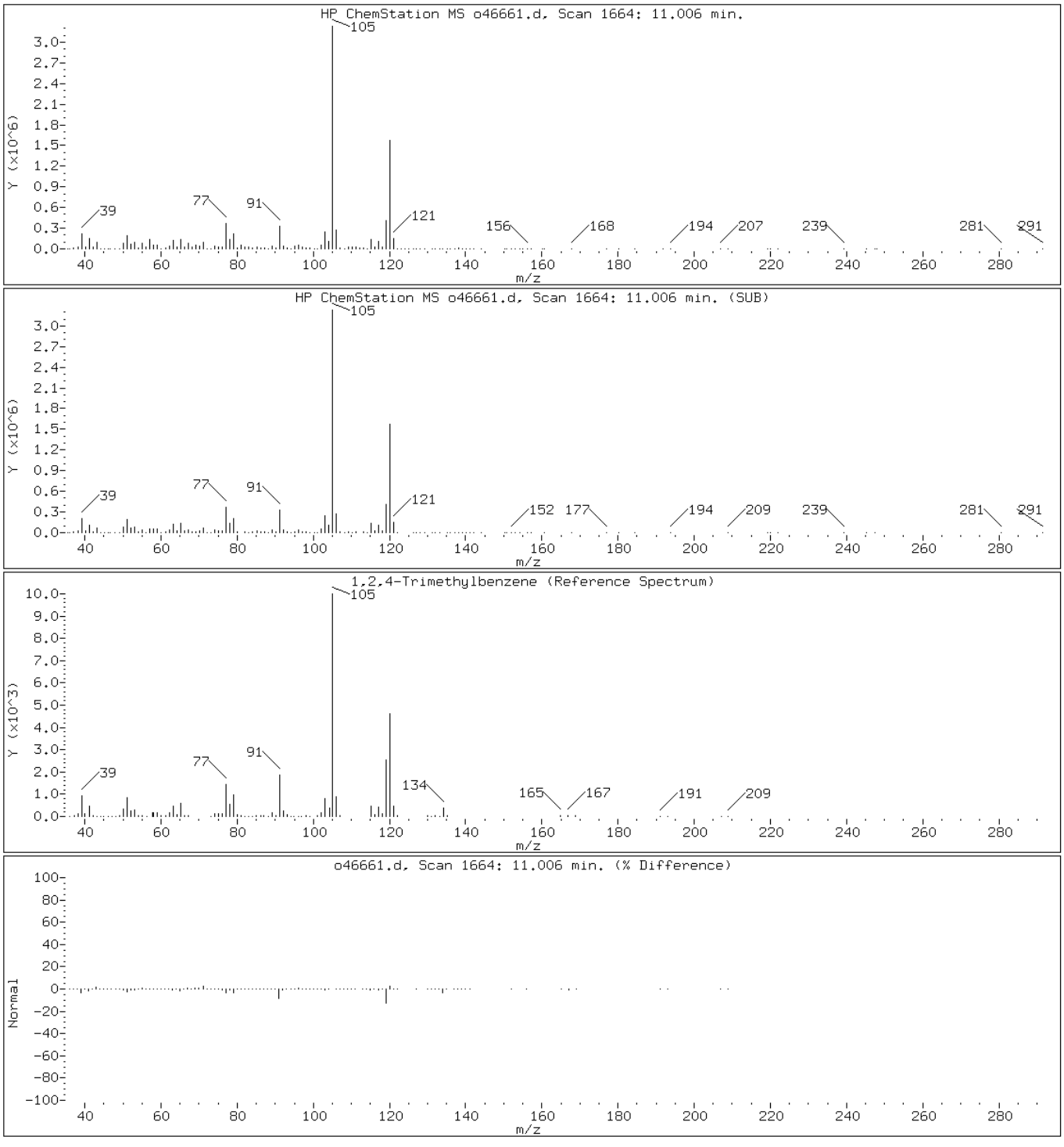
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

100 1,2,4-Trimethylbenzene



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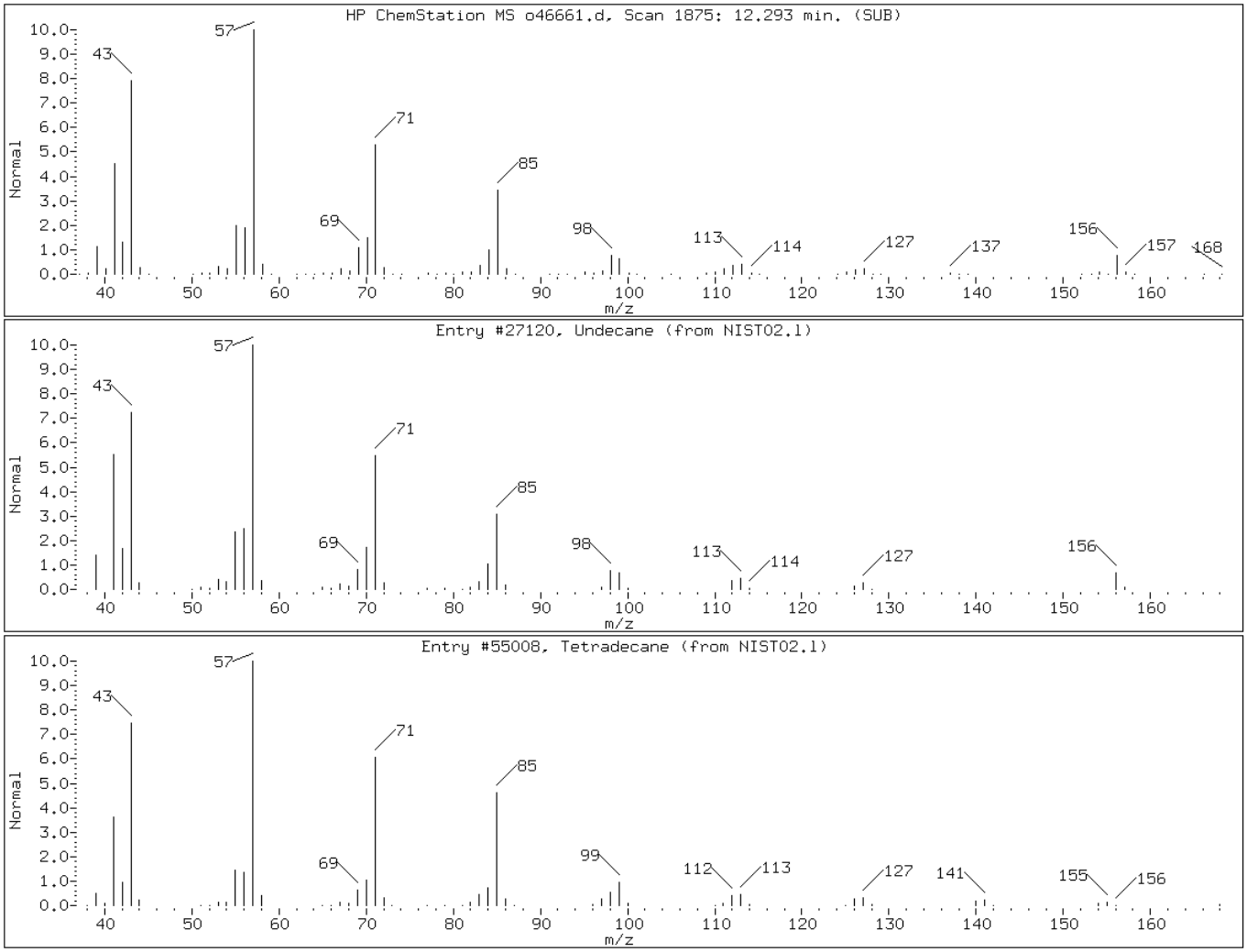
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

Retention Time: 12.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Undecane	1120-21-4	NIST02.l	27120	96	C11H24	156
Tetradecane	629-59-4	NIST02.l	55008	90	C14H30	198



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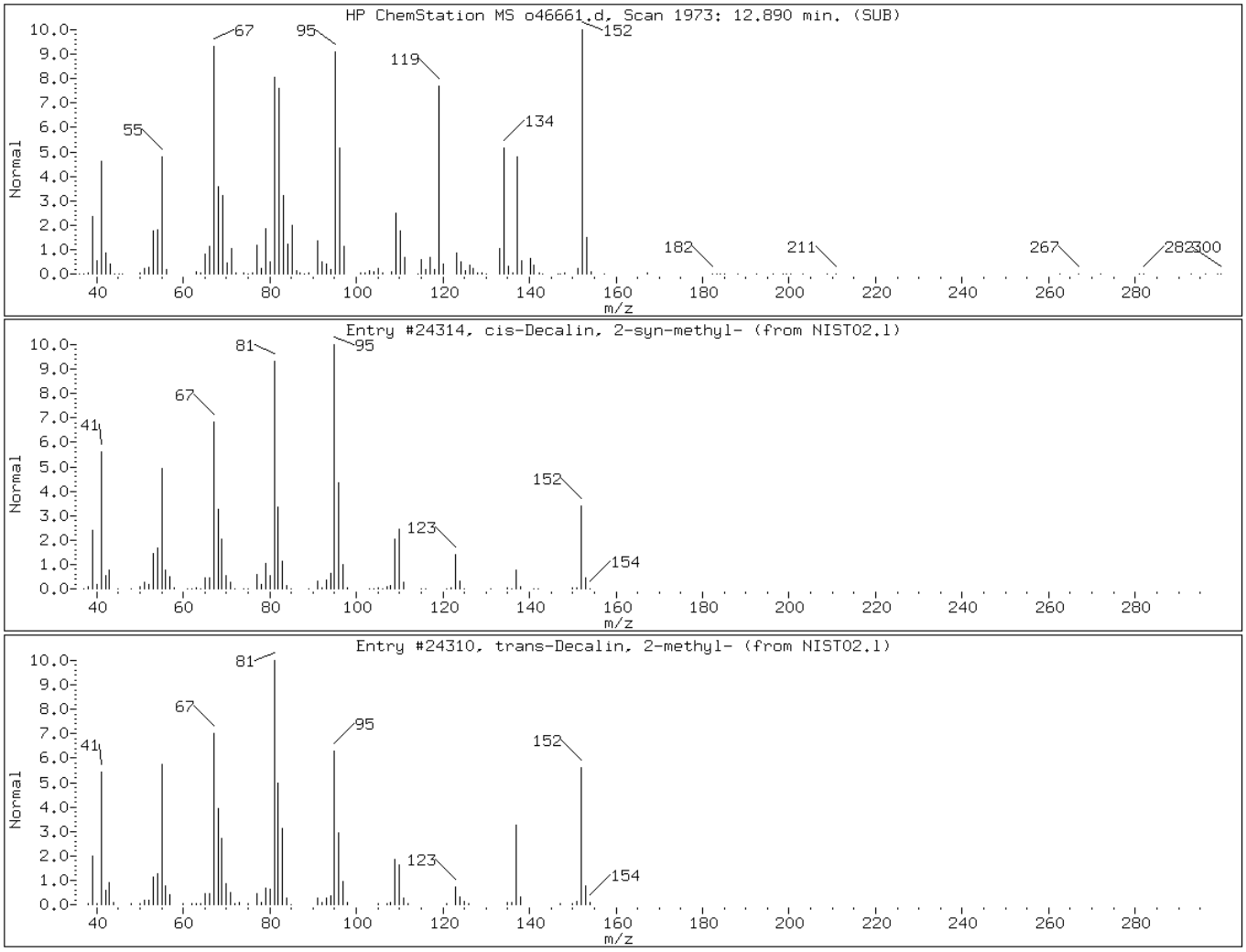
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

Retention Time: 12.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.l	24314	83	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	64	C11H20	152



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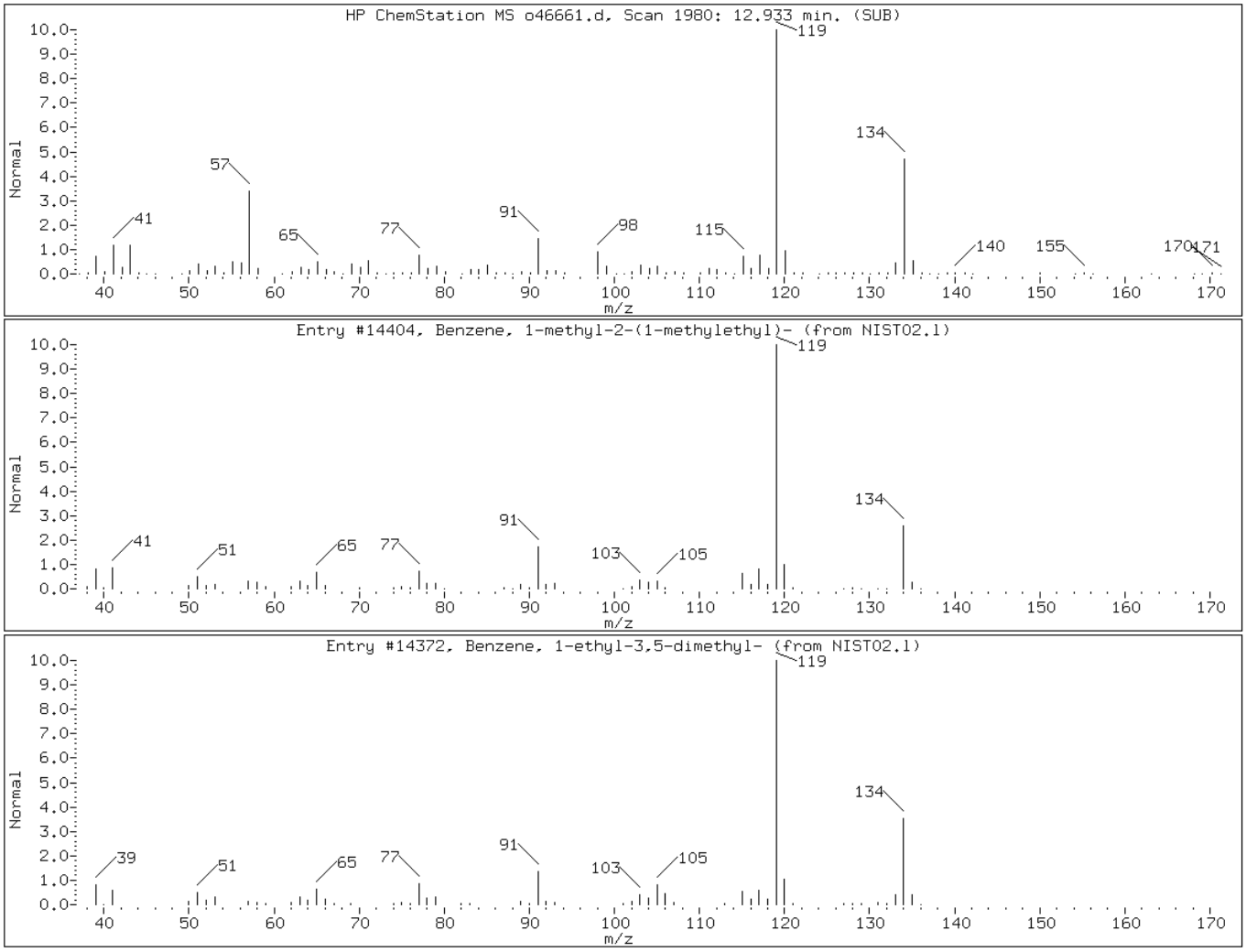
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

Retention Time: 12.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-3						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	93	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14372	93	C10H14	134



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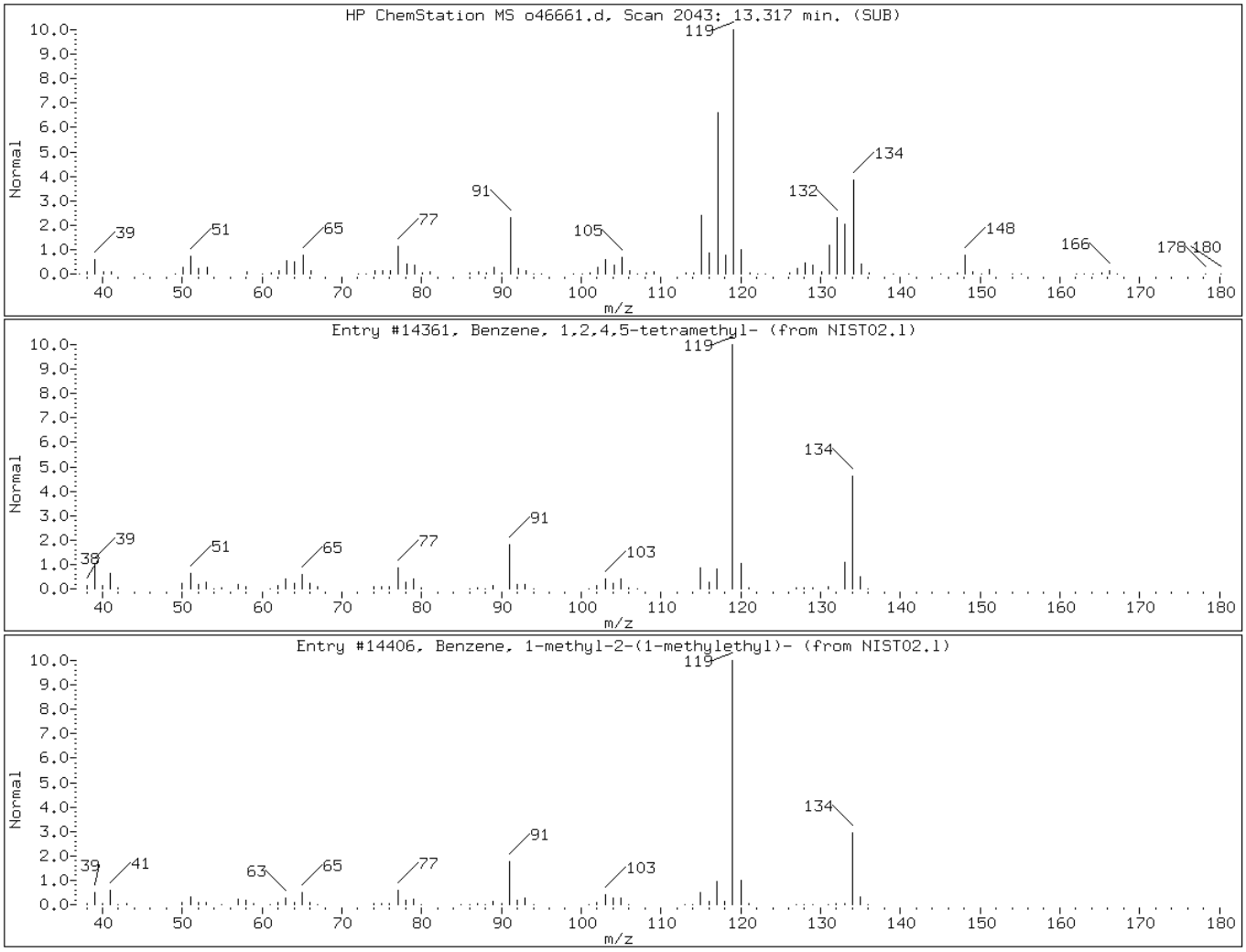
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

Retention Time: 13.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	60	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	60	C10H14	134



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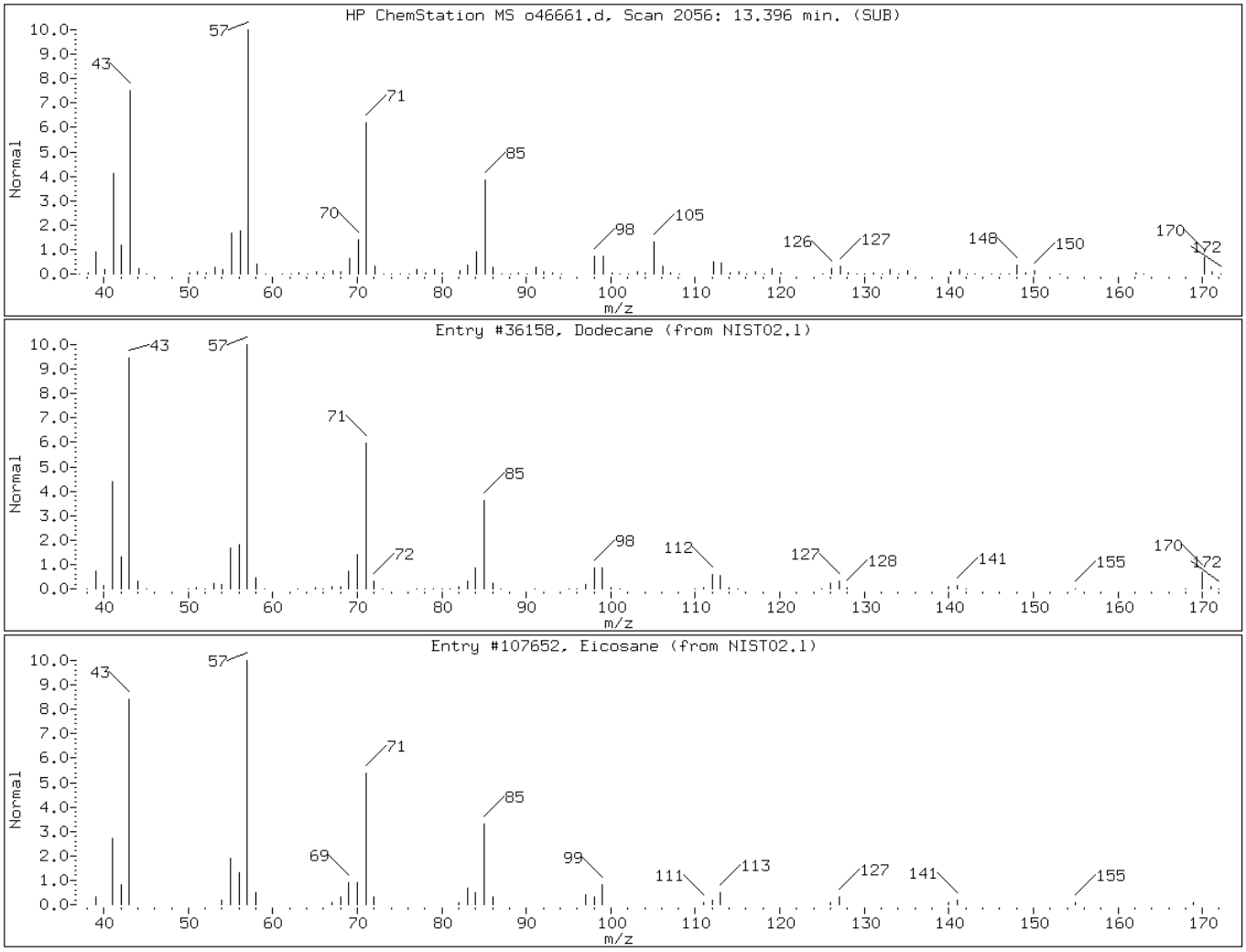
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

Retention Time: 13.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36158	96	C12H26	170
Eicosane	112-95-8	NIST02.l	107652	80	C20H42	282



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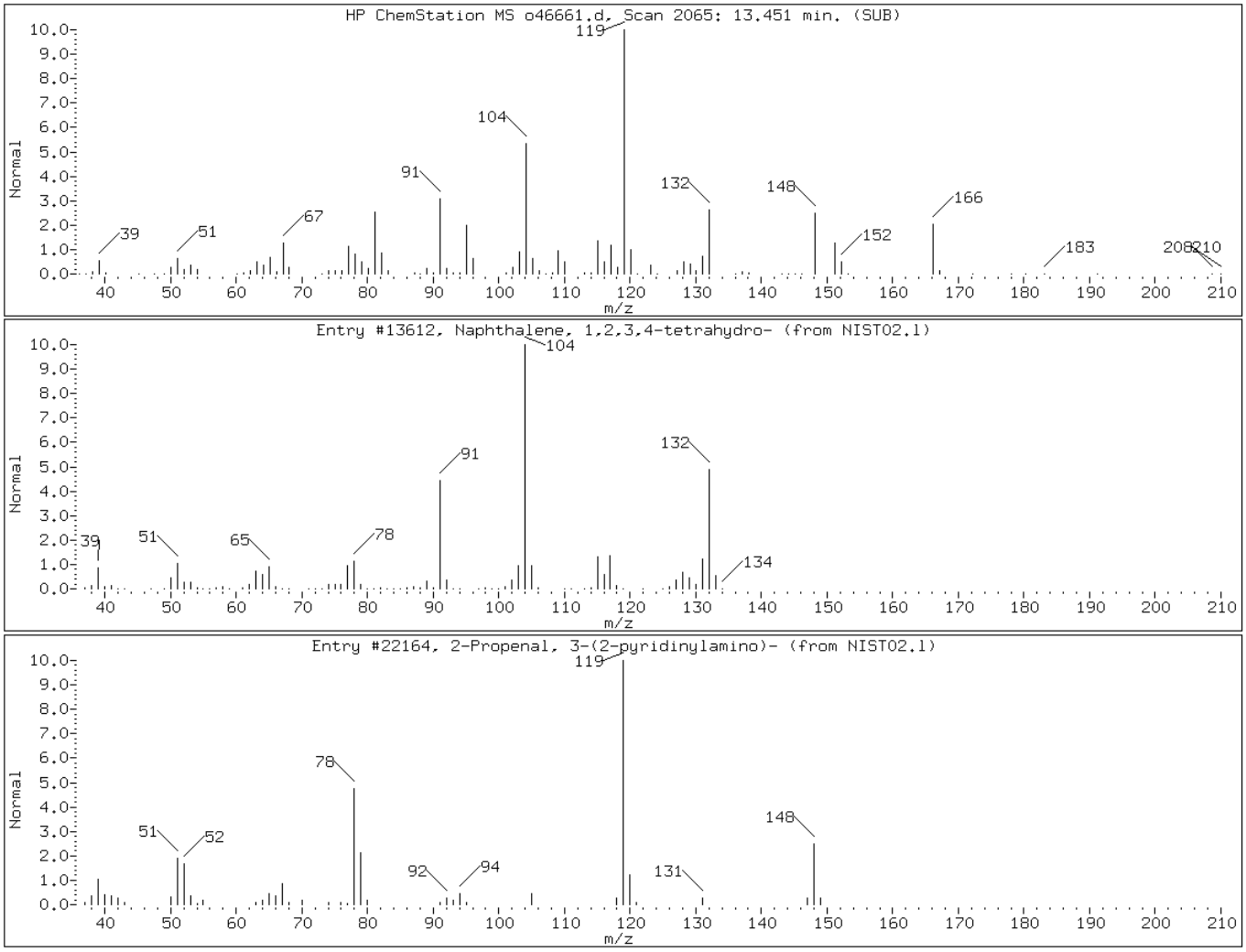
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

Retention Time: 13.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydronaphthalene isomer						
Naphthalene, 1,2,3,4-tetrahydro-	119-64-2	NIST02.l	13612	68	C10H12	132
2-Propenal, 3-(2-pyridinylamino)-	68970-82-1	NIST02.l	22164	35	C8H8N2O	148



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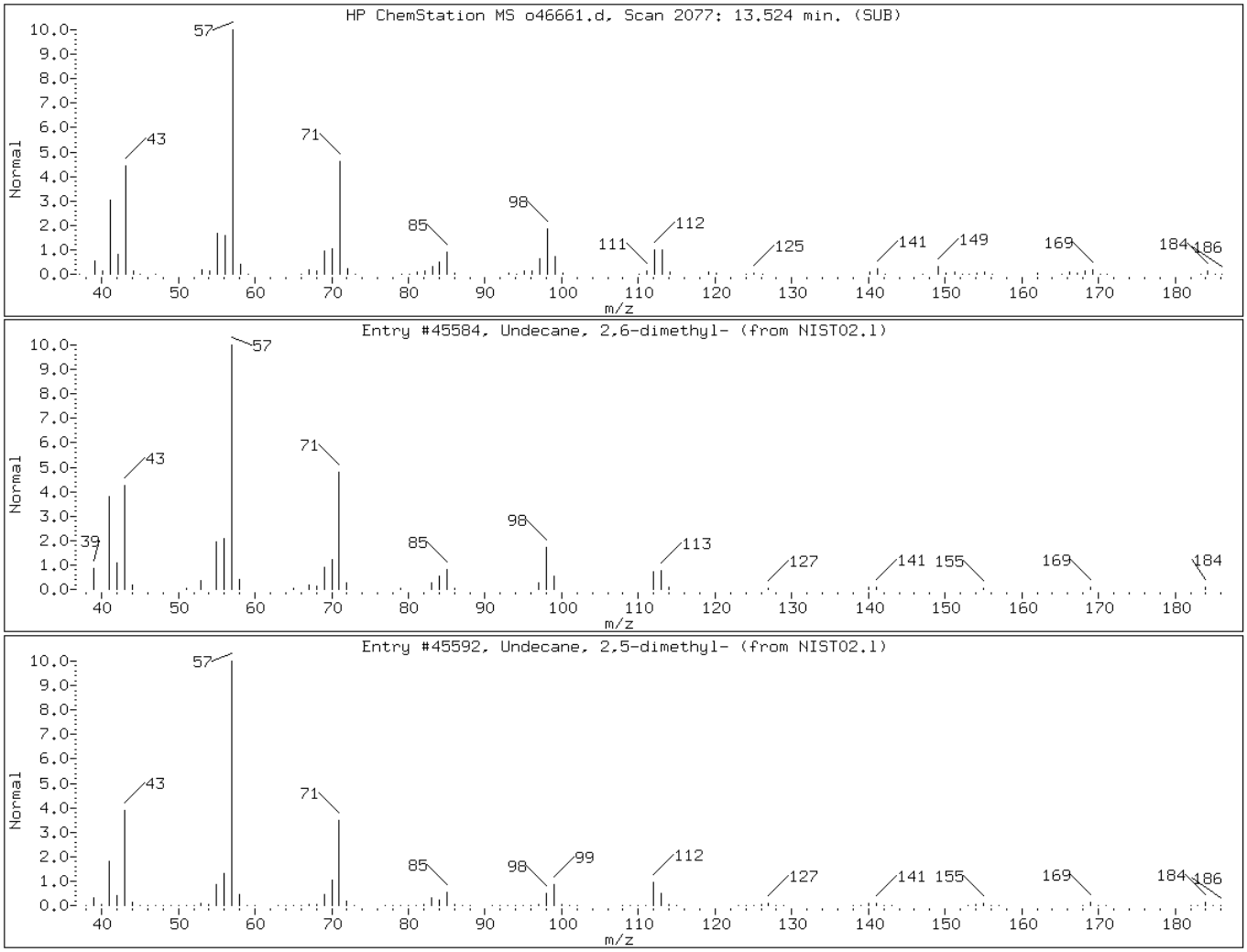
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

Retention Time: 13.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	96	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	87	C13H28	184



Data File: o46661.d

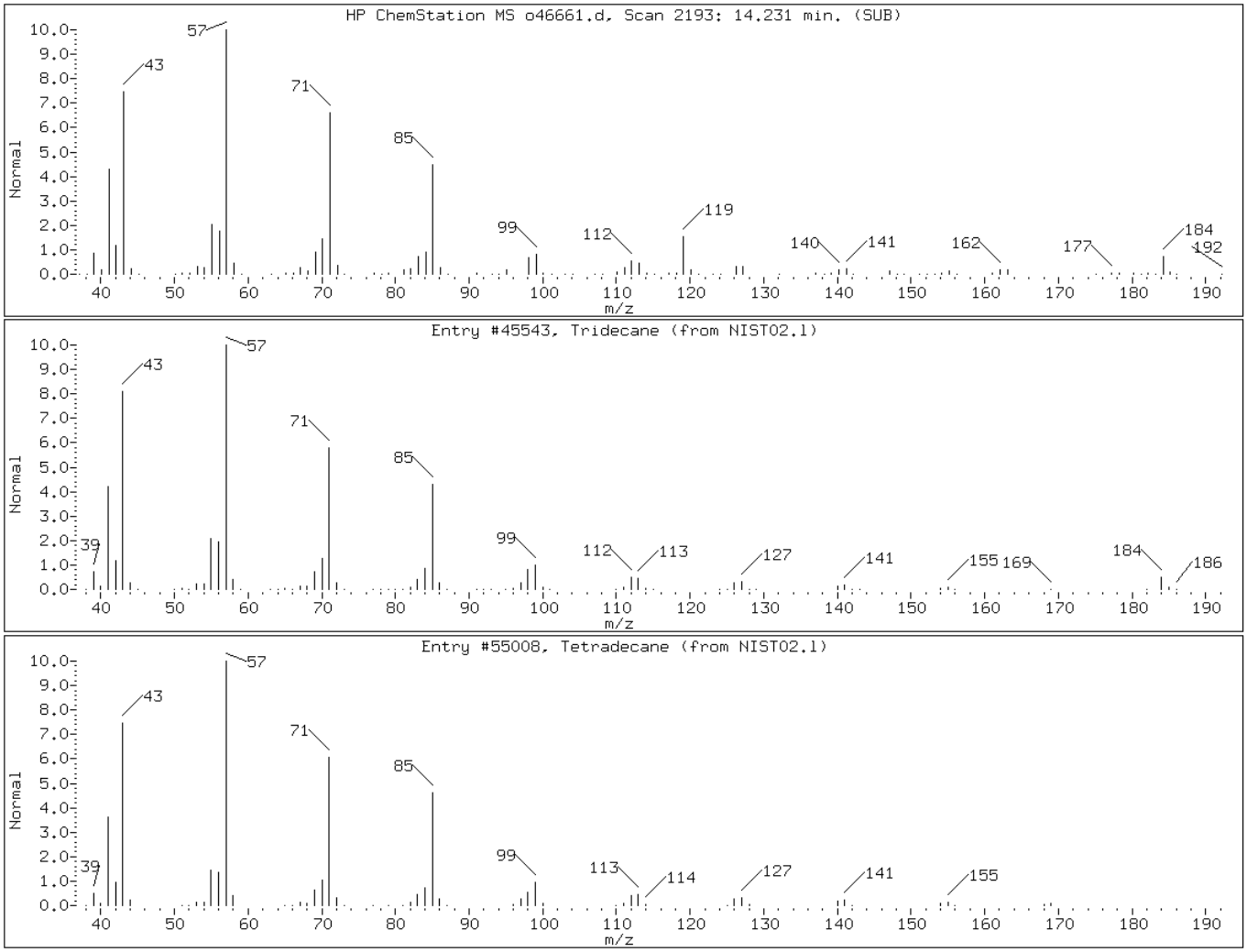
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

Retention Time: 14.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane-1						
Tridecane	629-50-5	NIST02.l	45543	98	C13H28	184
Tetradecane	629-59-4	NIST02.l	55008	87	C14H30	198



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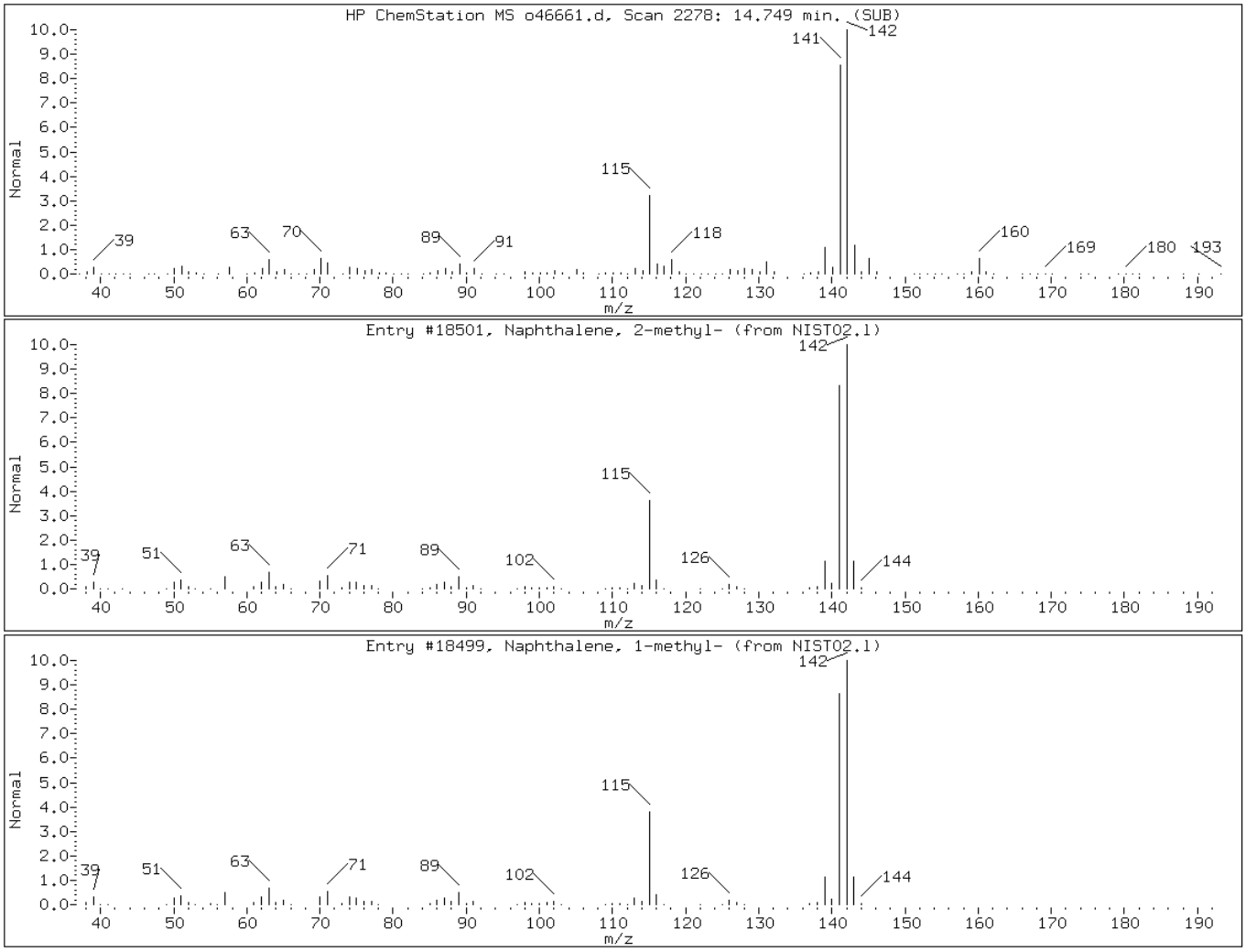
Date: 26-MAR-2011 04:04

Client ID: PMP-9-SIE (10.5-11) Instrument: VOAMS12.i

Sample Info: 460-24277-D-3-A;;;9.63;5 Operator: VOAMS 9

Retention Time: 14.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylnaphthalene isomer						
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (3.5-4) | Lab Sample ID: 460-24277-4

Matrix: Solid | Lab File ID: j98627.d

Analysis Method: 8260B | Date Collected: 03/17/2011 00:00

Sample wt/vol: 6.32(g) | Date Analyzed: 03/24/2011 15:26

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 3.8 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	41	U	41	8.7
74-83-9	Bromomethane	41	U	41	13
75-01-4	Vinyl chloride	41	U	41	4.9
75-00-3	Chloroethane	41	U	41	18
75-09-2	Methylene Chloride	41	U	41	7.9
67-64-1	Acetone	410	U	410	100
75-15-0	Carbon disulfide	41	U	41	6.0
75-69-4	Trichlorofluoromethane	41	U	41	6.5
75-35-4	1,1-Dichloroethene	41	U	41	5.8
75-34-3	1,1-Dichloroethane	41	U	41	4.1
156-60-5	trans-1,2-Dichloroethene	41	U	41	5.7
156-59-2	cis-1,2-Dichloroethene	12	J	41	8.0
67-66-3	Chloroform	41	U	41	6.4
78-93-3	2-Butanone	410	U	410	34
107-06-2	1,2-Dichloroethane	41	U	41	10
71-55-6	1,1,1-Trichloroethane	41	U	41	10
56-23-5	Carbon tetrachloride	41	U	41	7.4
71-43-2	Benzene	41	U	41	4.9
75-25-2	Bromoform	41	U	41	4.1
100-42-5	Styrene	41	U	41	5.7
100-41-4	Ethylbenzene	41	U	41	10
108-90-7	Chlorobenzene	22	J	41	6.8
110-82-7	Cyclohexane	41	U	41	5.1
98-82-8	Isopropylbenzene	41	U	41	8.7
591-78-6	2-Hexanone	410	U	410	22
1634-04-4	MTBE	41	U	41	7.6
76-13-1	Freon TF	41	U	41	12
79-20-9	Methyl acetate	82	U	82	14
123-91-1	1,4-Dioxane	2100	U	2100	350
79-01-6	Trichloroethene	11	J	41	7.3
108-88-3	Toluene	6.8	J	41	3.9
10061-02-6	trans-1,3-Dichloropropene	41	U	41	5.0
108-10-1	4-Methyl-2-pentanone	410	U	410	28
10061-01-5	cis-1,3-Dichloropropene	41	U	41	4.2
95-50-1	1,2-Dichlorobenzene	190		41	6.7
541-73-1	1,3-Dichlorobenzene	170		41	9.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (3.5-4) | Lab Sample ID: 460-24277-4

Matrix: Solid | Lab File ID: j98627.d

Analysis Method: 8260B | Date Collected: 03/17/2011 00:00

Sample wt/vol: 6.32(g) | Date Analyzed: 03/24/2011 15:26

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 3.8 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	470		41	6.2
120-82-1	1,2,4-Trichlorobenzene	830		41	18
87-61-6	1,2,3-Trichlorobenzene	41	U	41	34
78-87-5	1,2-Dichloropropane	41	U	41	3.6
108-87-2	Methylcyclohexane	35	J	41	3.3
127-18-4	Tetrachloroethene	41	U	41	8.1
1330-20-7	Xylenes, Total	90	J	120	18
96-12-8	1,2-Dibromo-3-Chloropropane	41	U	41	6.3
79-34-5	1,1,2,2-Tetrachloroethane	41	U	41	3.5
79-00-5	1,1,2-Trichloroethane	41	U	41	4.0
124-48-1	Dibromochloromethane	41	U	41	4.1
106-93-4	1,2-Dibromoethane	41	U	41	3.8
75-71-8	Dichlorodifluoromethane	41	U	41	12
74-97-5	Bromochloromethane	41	U	41	7.1
75-27-4	Bromodichloromethane	41	U	41	3.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		57-135
2037-26-5	Toluene-d8 (Surr)	91		46-130
460-00-4	Bromofluorobenzene	111		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (3.5-4) Lab Sample ID: 460-24277-4

Matrix: Solid Lab File ID: j98627.d

Analysis Method: 8260B Date Collected: 03/17/2011 00:00

Sample wt/vol: 6.32(g) Date Analyzed: 03/24/2011 15:26

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 3.8 Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 10290

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	12.19	740	J
	Decahydronaphthalene isomer	14.21	1300	J
	Unknown Cycloalkane-2	14.40	540	J
	Unknown-1	14.79	1300	J
	Decahydromethylnaphthalene isomer	14.98	1100	J
	Decahydromethylnaphthalene isomer-1	15.26	1700	J
	Unknown Aromatic-1	15.74	1200	J
700-56-1	2-Methyladamantane	16.08	860	J N
24145-88-8	1,4-Dimethyladamantane, [1.alpha., 3.bet	16.86	890	J N
29788-41-8	Naphthalene, decahydro-1,6-dimethyl-4-(1	17.54	660	J N

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98627.d
Report Date: 25-Mar-2011 14:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98627.d
Lab Smp Id: 460-24277-B-4-A Client Smp ID: DUP-031711 (3.5-4)
Inj Date : 24-MAR-2011 15:26
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-4-A;50;;6.32;5
Misc Info : 460-24277-B-4-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 12
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.32000	Weight of sample extracted (g)
M	3.83973	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	36 cis-1,2-Dichloroethene	96	6.427	6.415	(0.814)	3395	0.29996	12(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.483	7.474	(0.948)	425693	48.9097	2000
*	52 Fluorobenzene	96	7.895	7.883	(1.000)	1372805	50.0000	
	54 Trichloroethene	95	8.343	8.332	(1.057)	3227	0.27150	11(a)
	56 Methyl cyclohexane	83	8.563	8.560	(1.085)	8373	0.85366	35(a)
$	65 Toluene-d8 (SUR)	98	9.756	9.748	(0.859)	1079526	45.4709	1900
	66 Toluene	91	9.839	9.830	(0.867)	5230	0.16613	6.8(a)
*	78 Chlorobenzene-d5	117	11.353	11.346	(1.000)	1015352	50.0000	
	79 Chlorobenzene	112	11.381	11.383	(1.002)	12378	0.53674	22(a)
	82 m+p-Xylene	106	11.581	11.583	(1.020)	7319	0.55066	23(a)
	84 o-Xylene	106	12.000	12.003	(1.057)	21532	1.62849	67
$	89 Bromofluorobenzene (SUR)	174	12.551	12.550	(0.910)	606285	55.7489	2300
	97 1,3,5-Trimethylbenzene	105	12.946	12.946	(0.939)	188618	8.24023	340
	101 1,2,4-Trimethylbenzene	105	13.354	13.359	(0.968)	178616	7.06695	290

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98627.d
Report Date: 25-Mar-2011 14:03

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
105 1,3-Dichlorobenzene	146	13.715	13.717	(0.995)	66051	4.07986	170
107 p-Isopropyltoluene	119	13.625	13.690	(0.988)	75805	2.85952	120
* 108 1,4-Dichlorobenzene-d4	152	13.789	13.789	(1.000)	573131	50.0000	
109 1,4-Dichlorobenzene	146	13.817	13.815	(1.002)	238115	11.4677	470
111 1,2-Dichlorobenzene	146	14.264	14.259	(1.034)	82281	4.56497	190
114 1,2,4-Trichlorobenzene	180	16.411	16.417	(1.190)	219154	20.1722	830
M 120 1,2-Dichloroethene (Total)	100				3395	0.31909	13(a)
M 121 Xylene (Total)	100				28851	2.17914	90

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98627.d
Report Date: 25-Mar-2011 14:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98627.d
Lab Smp Id: 460-24277-B-4-A Client Smp ID: DUP-031711 (3.5-4)
Inj Date : 24-MAR-2011 15:26
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-4-A;50;;6.32;5
Misc Info : 460-24277-B-4-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 12
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.32000	Weight of sample extracted (g)
M	3.83973	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.353	3572668	50.000
* 108 1,4-Dichlorobenzene-d4	13.789	4654424	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
12.192	1278150	17.8878870	740	0		0	78
Unknown Cycloalkane					CAS #:		
12.707	1079701	11.5986462	480	0		0	108

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98627.d
Report Date: 25-Mar-2011 14:03

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane-1					CAS #:		
13.946	953952	10.2478015	420	0		0	108
C10H14 Aromatic					CAS #:		
14.102	1190786	12.7919832	530	0		0	108
Decahydronaphthalene isomer					CAS #:		
14.209	2986832	32.0859391	1300	0		0	108(L)
Unknown Cycloalkane-2					CAS #:		
14.403	1232809	13.2434108	540	0		0	108
Unknown Aromatic					CAS #:		
14.556	1230242	13.2158291	540	0		0	108
Unknown-1					CAS #:		
14.785	2877300	30.9093025	1300	0		0	108
Decahydromethylnaphthalene isomer					CAS #:		
14.977	2479078	26.6314165	1100	0		0	108
Decahydromethylnaphthalene isomer-1					CAS #:		
15.262	3807378	40.9006299	1700	0		0	108
Unknown Aromatic-1					CAS #:		
15.741	2750173	29.5436389	1200	0		0	108
2-Methyladamantane					CAS #: 700-56-1		
16.080	1952222	20.9716770	860	42	NIST02.l	22866	108
1,4-Dimethyladamantane, [1.alpha., 3.bet					CAS #: 24145-88-8		
16.857	2015031	21.6464017	890	70	NIST02.l	32042	108
Unknown-2					CAS #:		
17.435	812757	8.73101383	360	0		0	108
Naphthalene, decahydro-1,6-dimethyl-4-(1					CAS #: 29788-41-8		
17.540	1487104	15.9751606	660	43	NIST02.l	61726	108
2-Ethyladamantane					CAS #: 14451-87-7		
17.781	1220066	13.1065216	540	41	NIST02.l	31961	108

QC Flag Legend

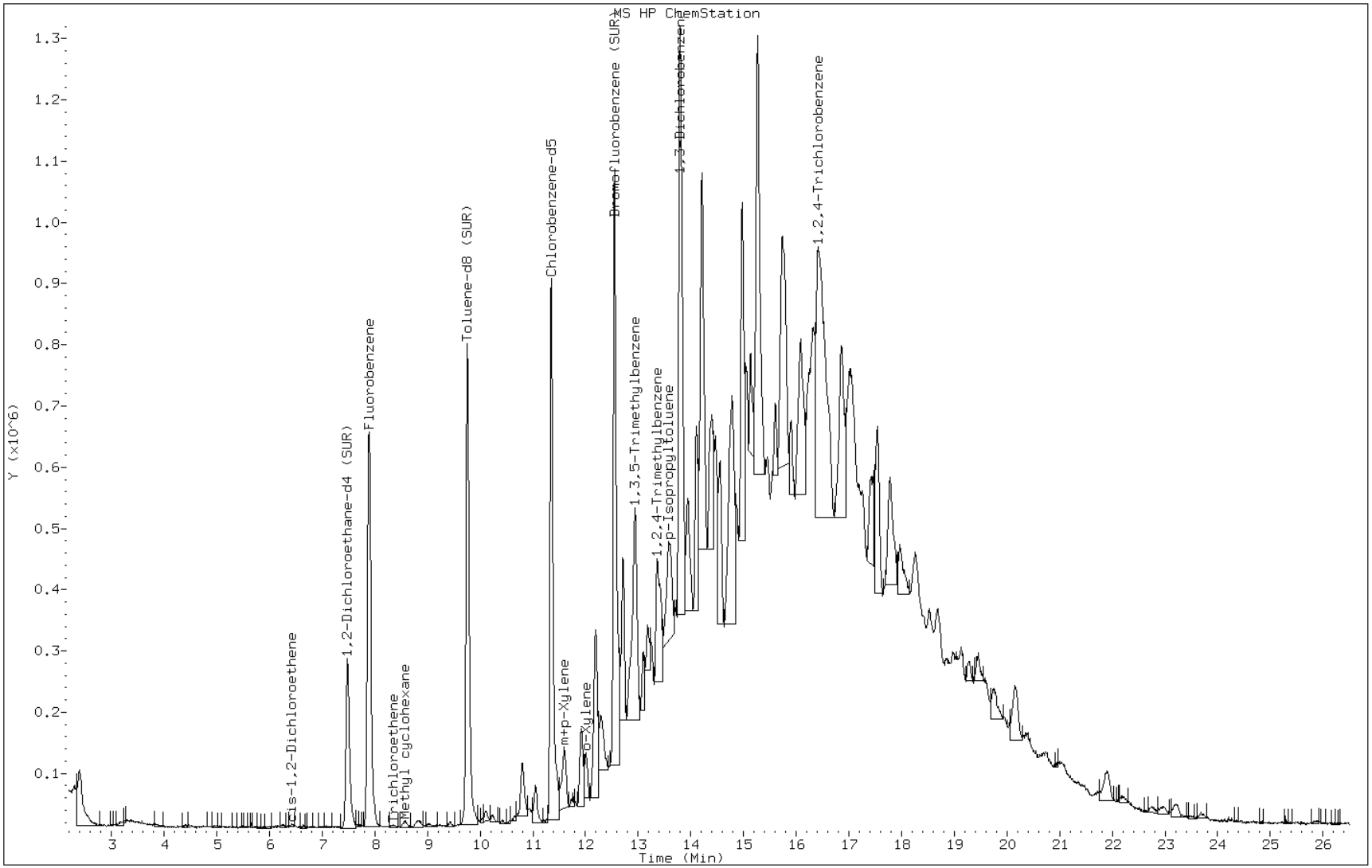
L - Operator selected an alternate library search match.

Data File: j98627.d

Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:



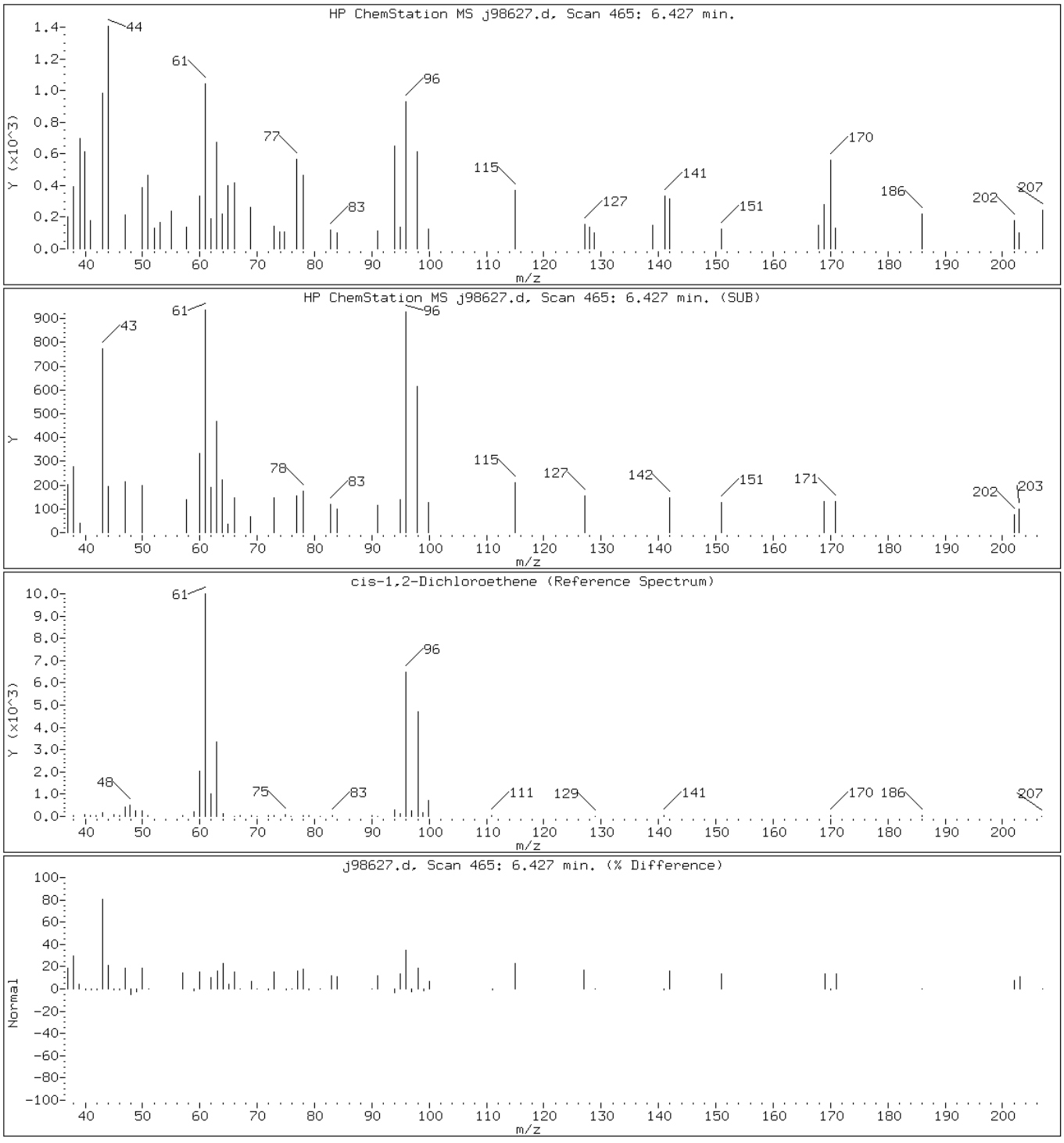
Data File: j98627.d

Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

36 cis-1,2-Dichloroethene



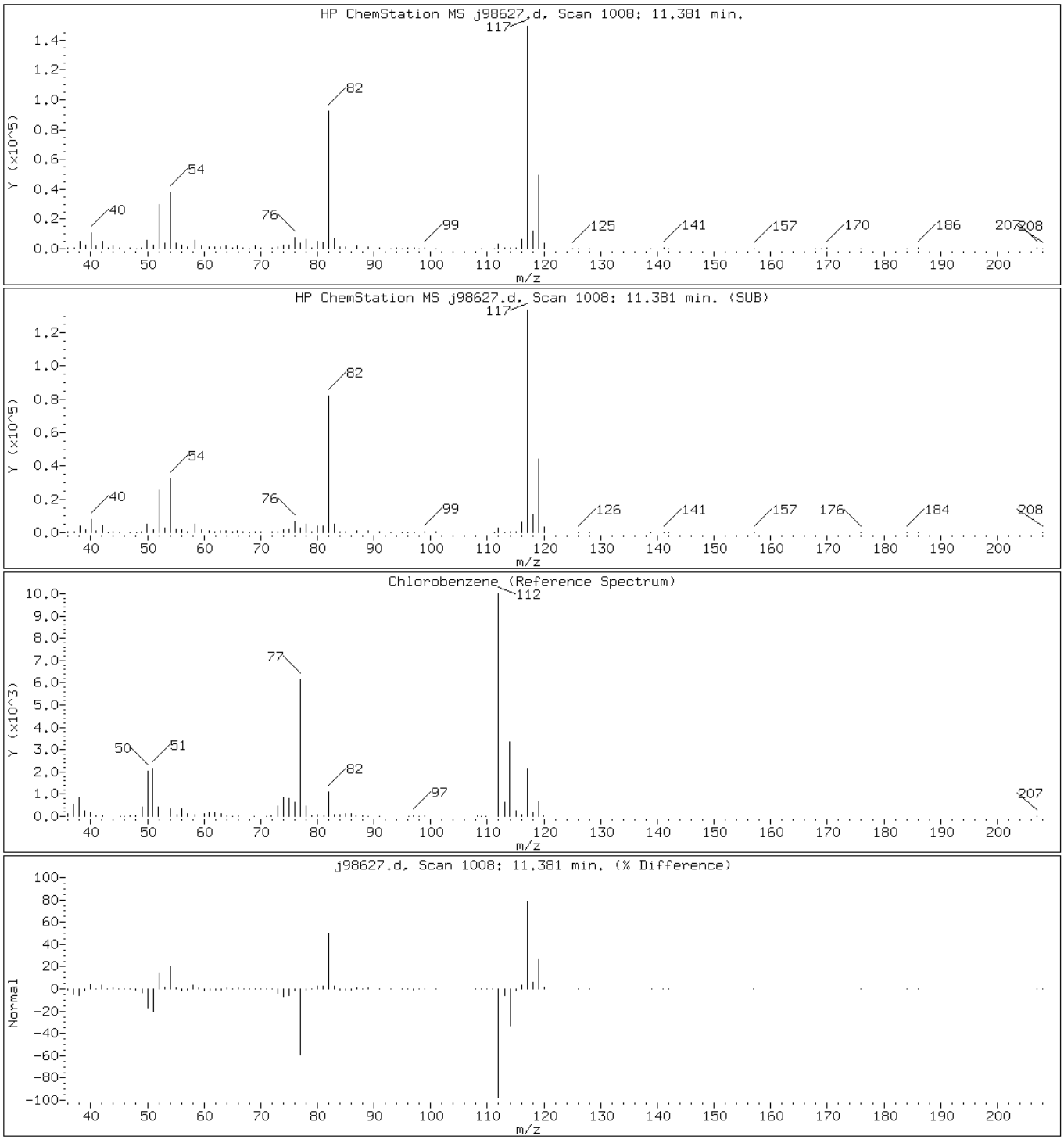
Data File: j98627.d

Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

79 Chlorobenzene



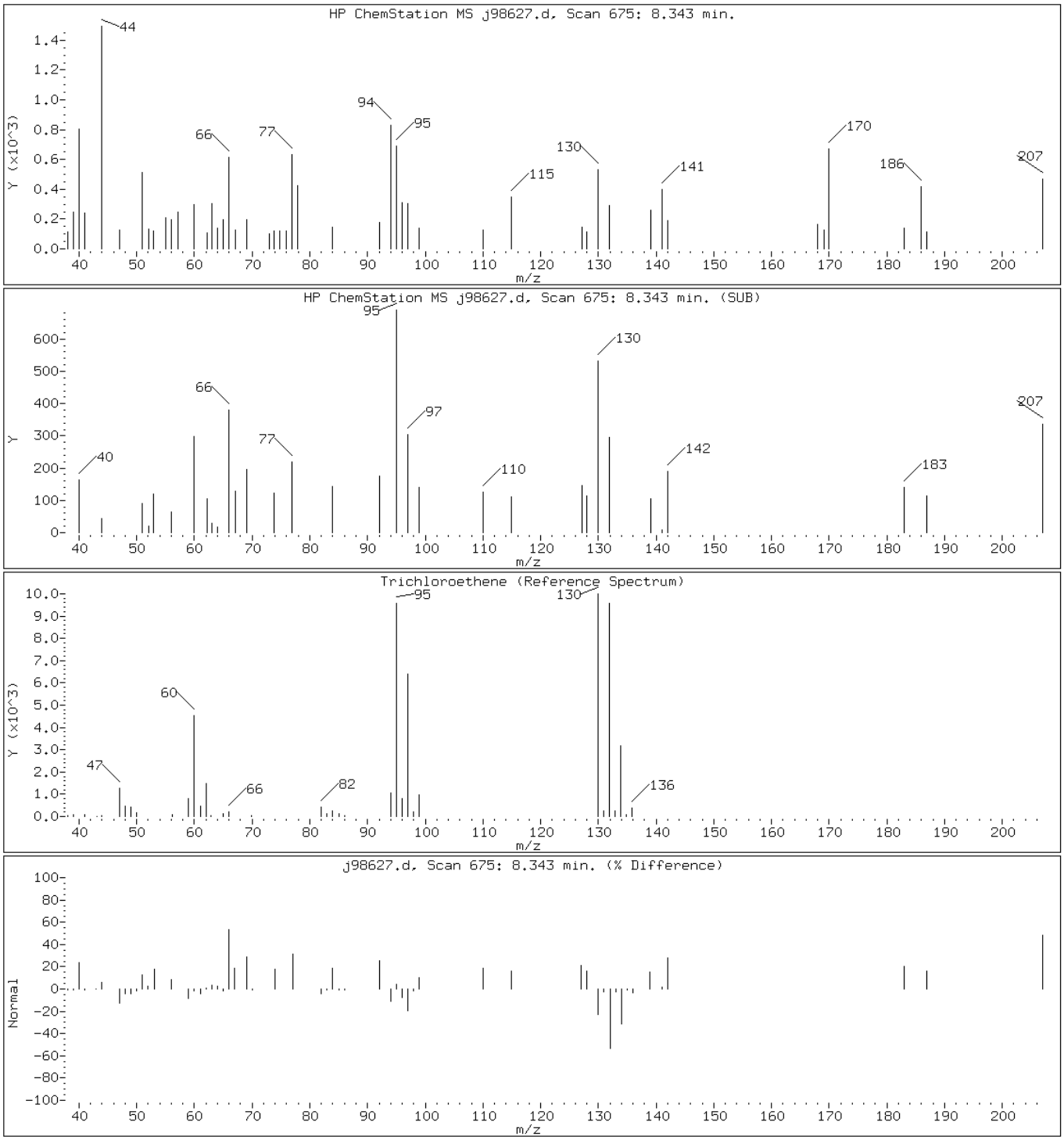
Data File: j98627.d

Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

54 Trichloroethene



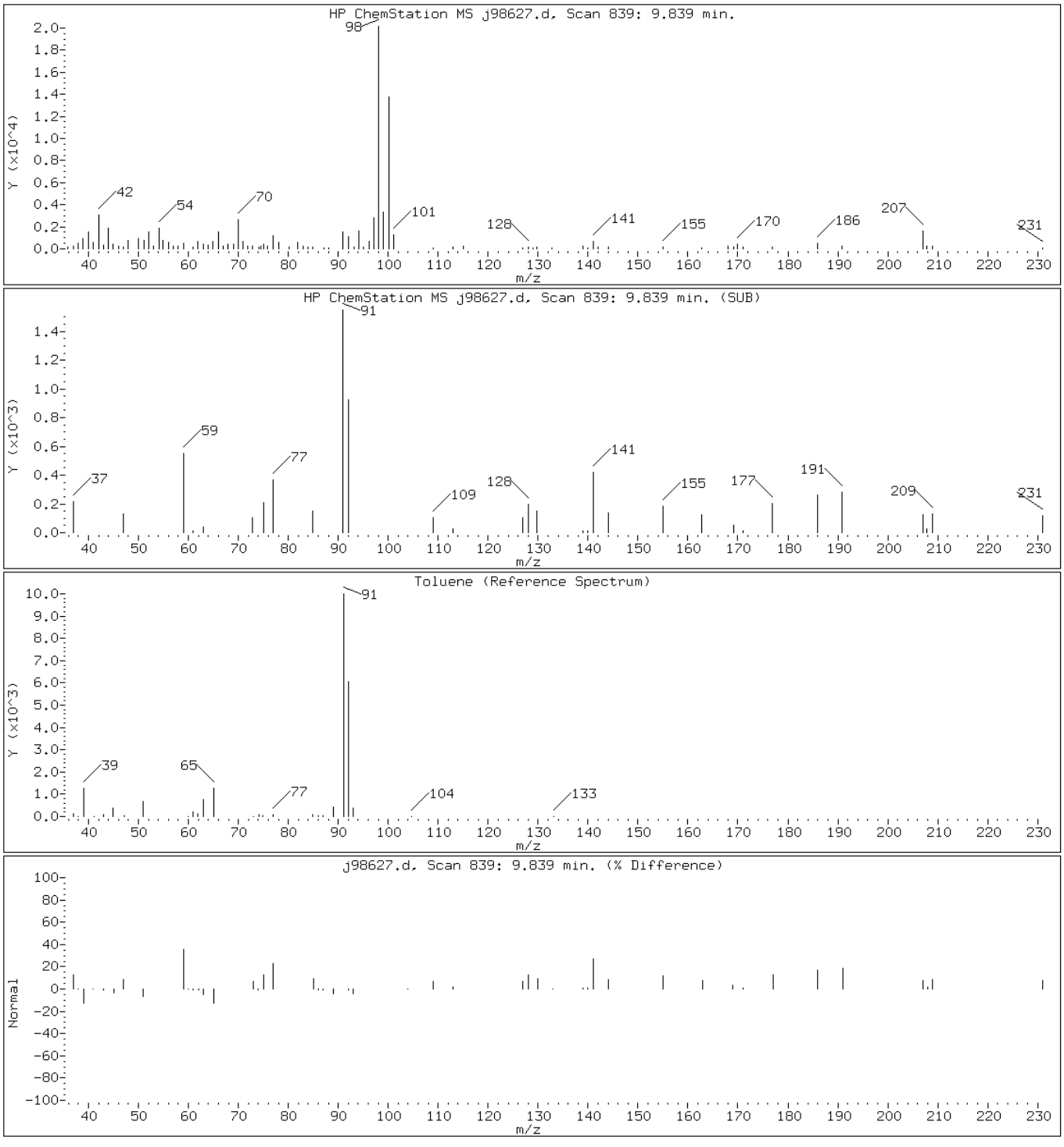
Data File: j98627.d

Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

66 Toluene



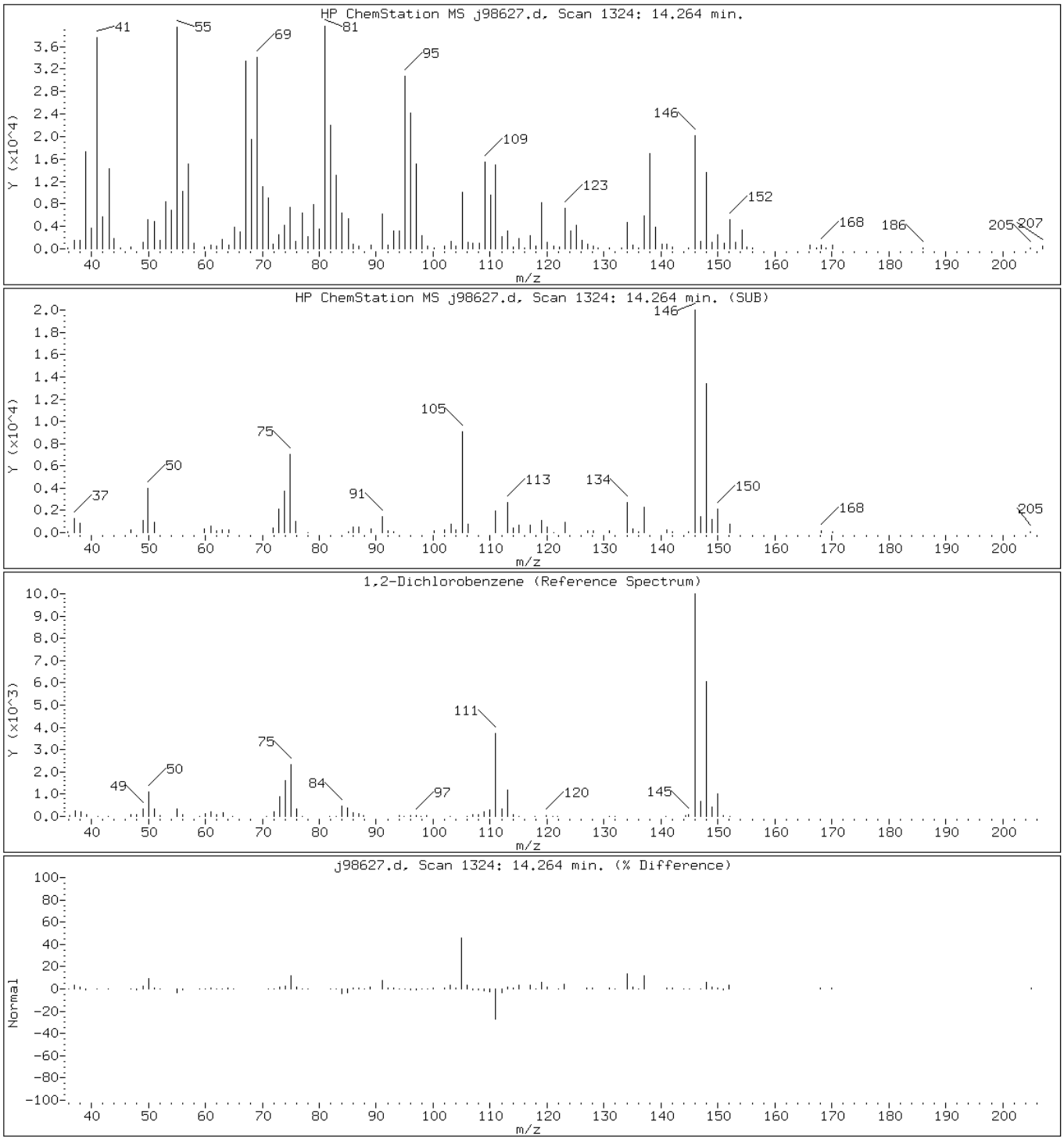
Data File: j98627.d

Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

111 1,2-Dichlorobenzene



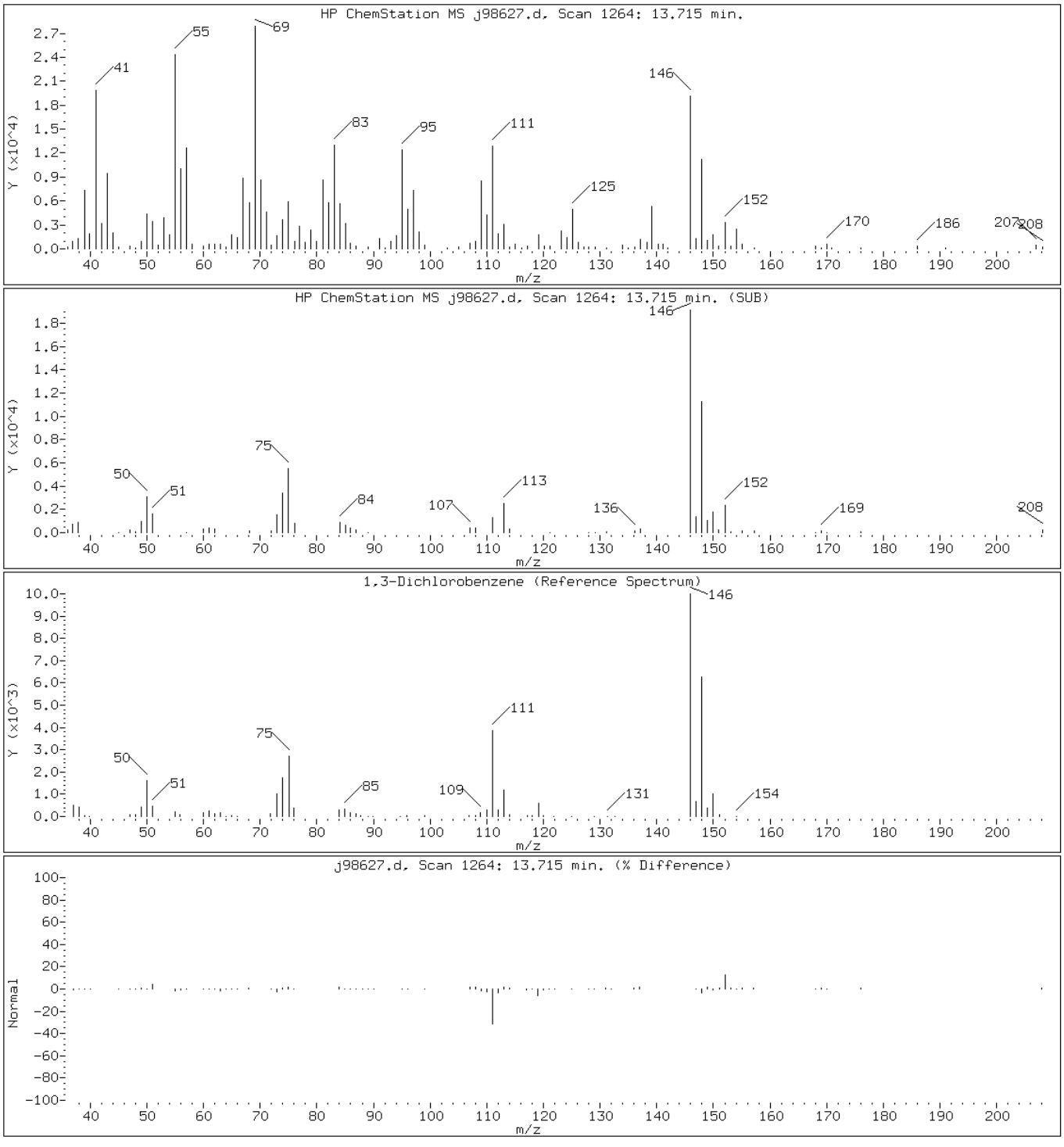
Data File: j98627.d

Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

105 1,3-Dichlorobenzene



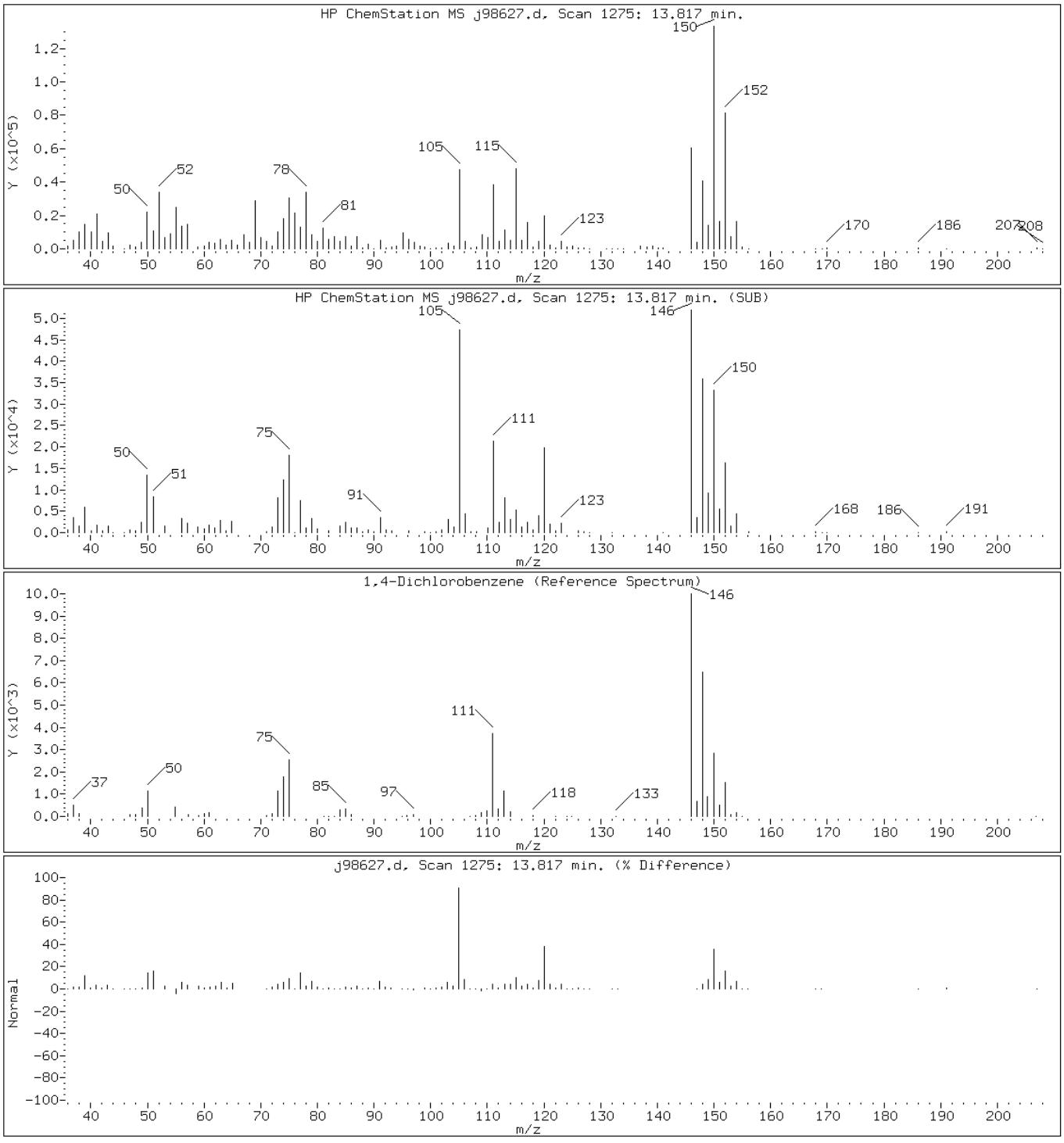
Data File: j98627.d

Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

109 1,4-Dichlorobenzene



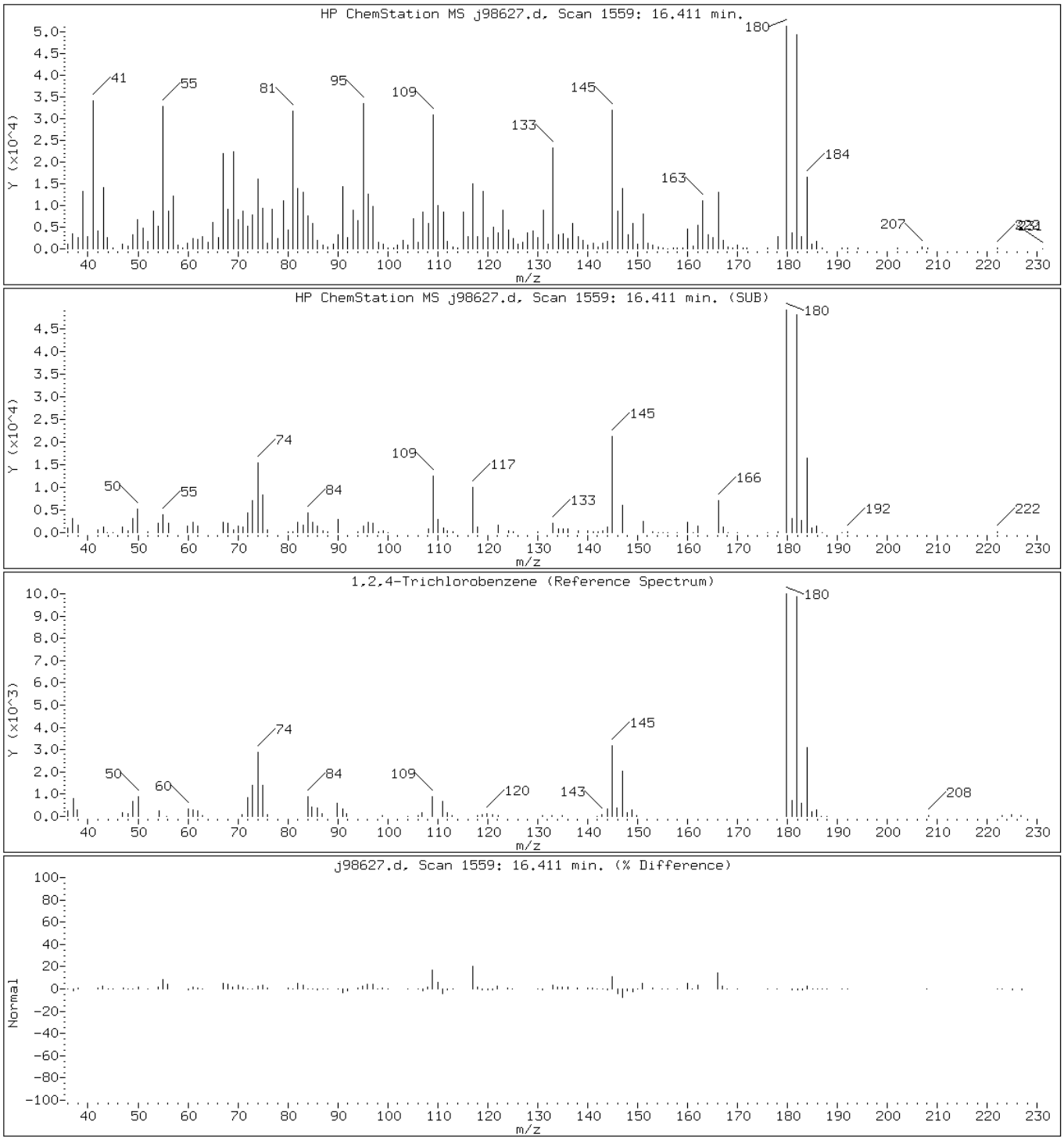
Data File: j98627.d

Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

114 1,2,4-Trichlorobenzene



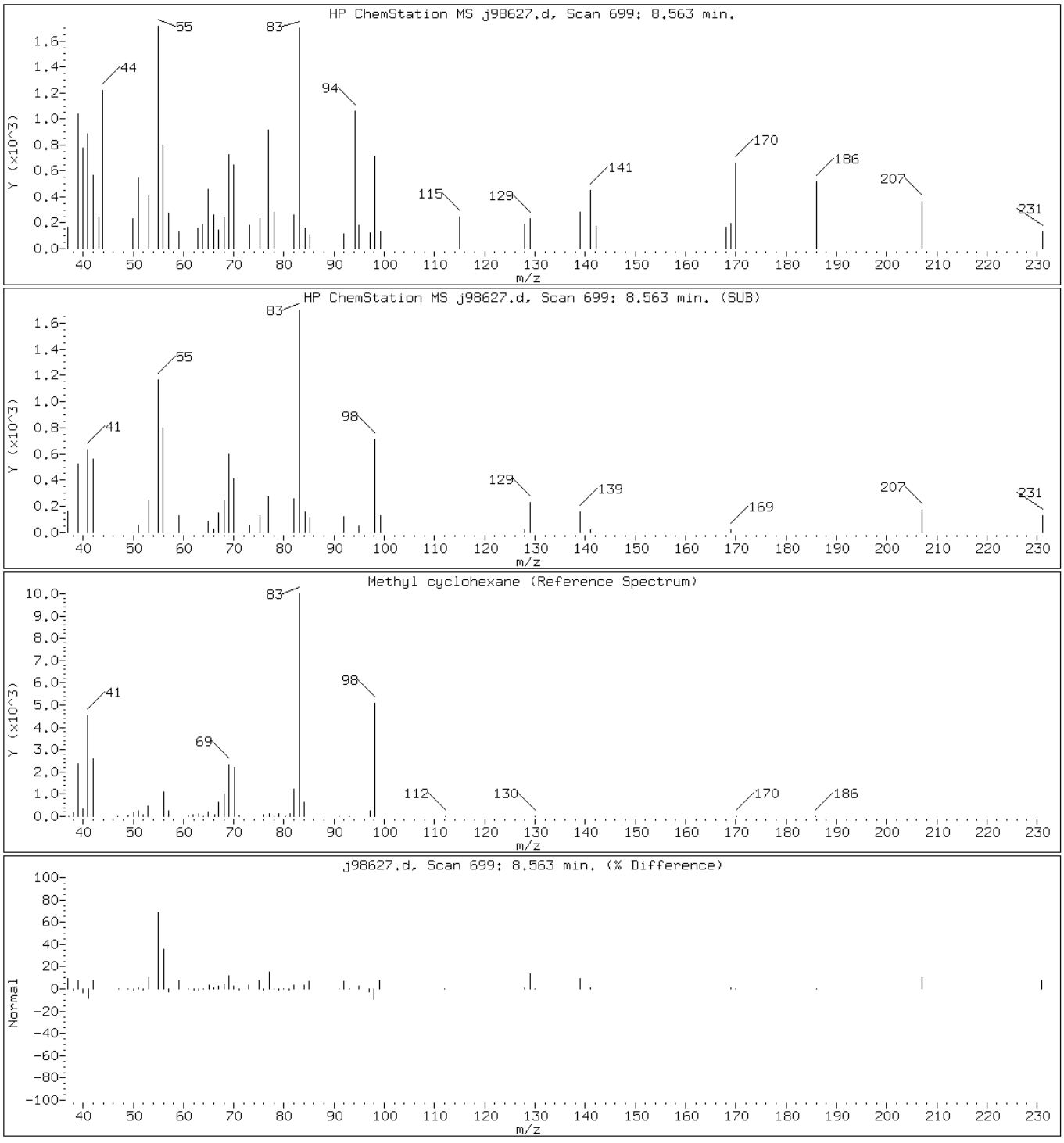
Data File: j98627.d

Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

56 Methyl cyclohexane



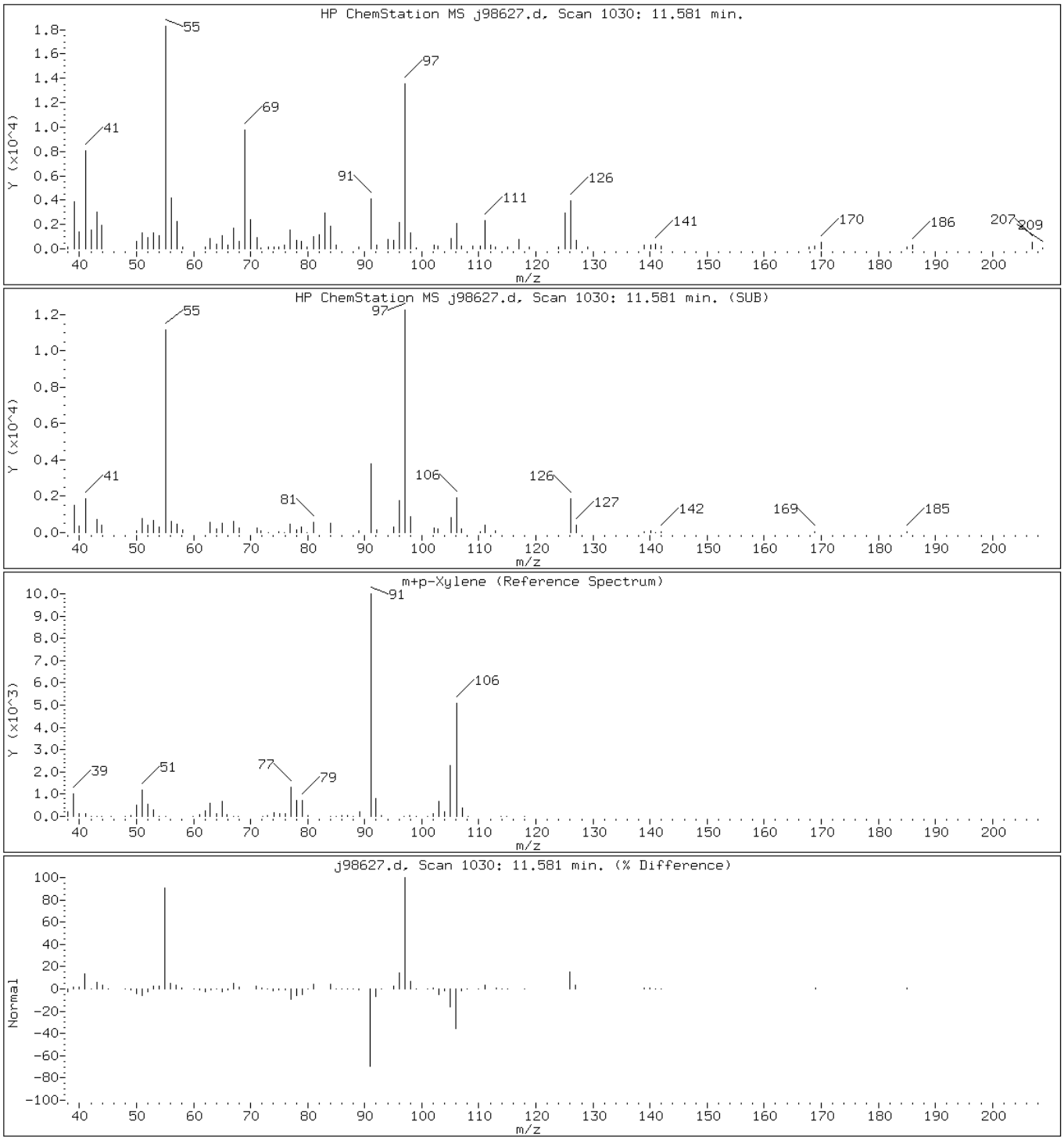
Data File: j98627.d

Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

82 m+p-Xylene



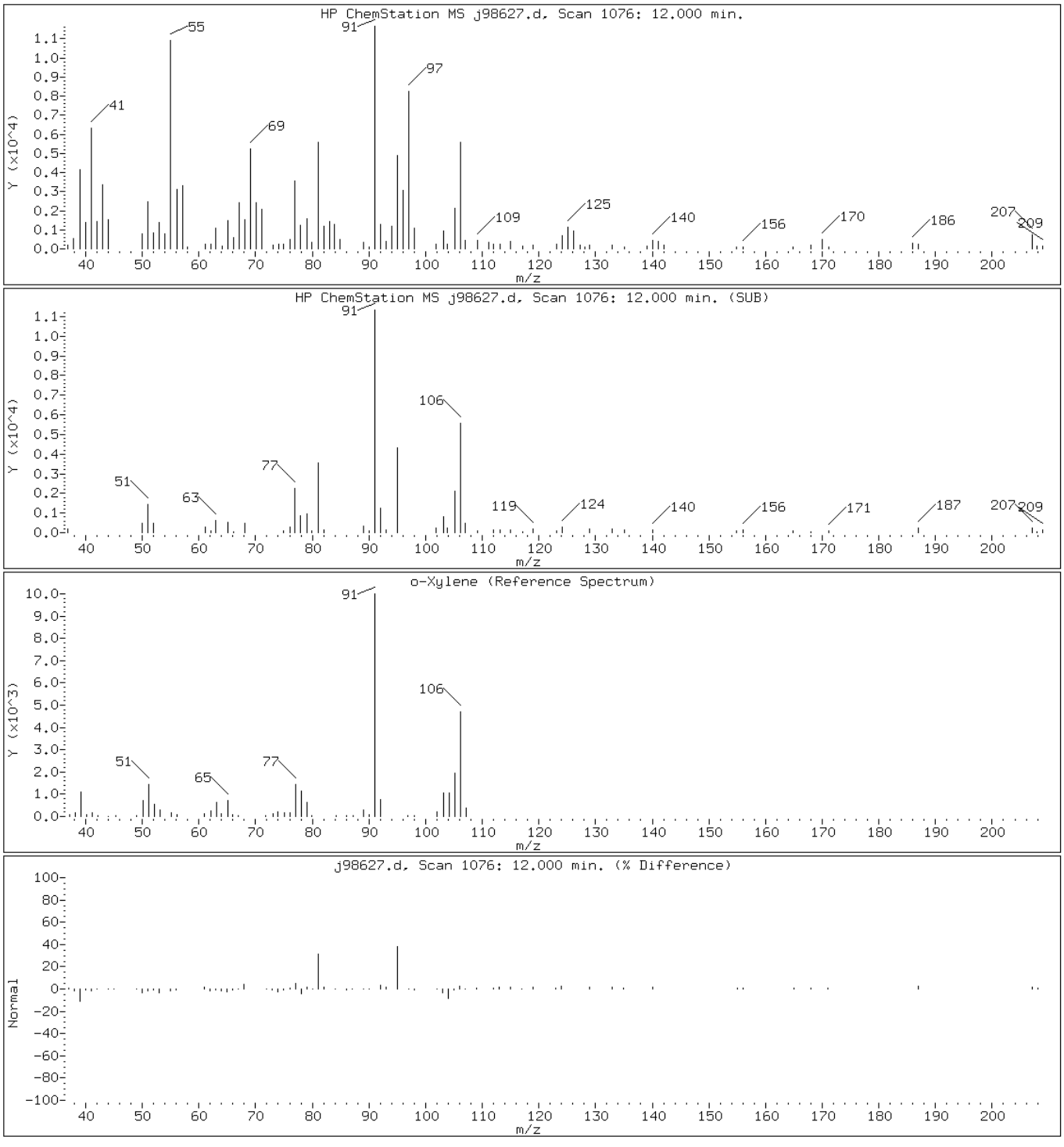
Data File: j98627.d

Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

84 o-Xylene



Data File: j98627.d

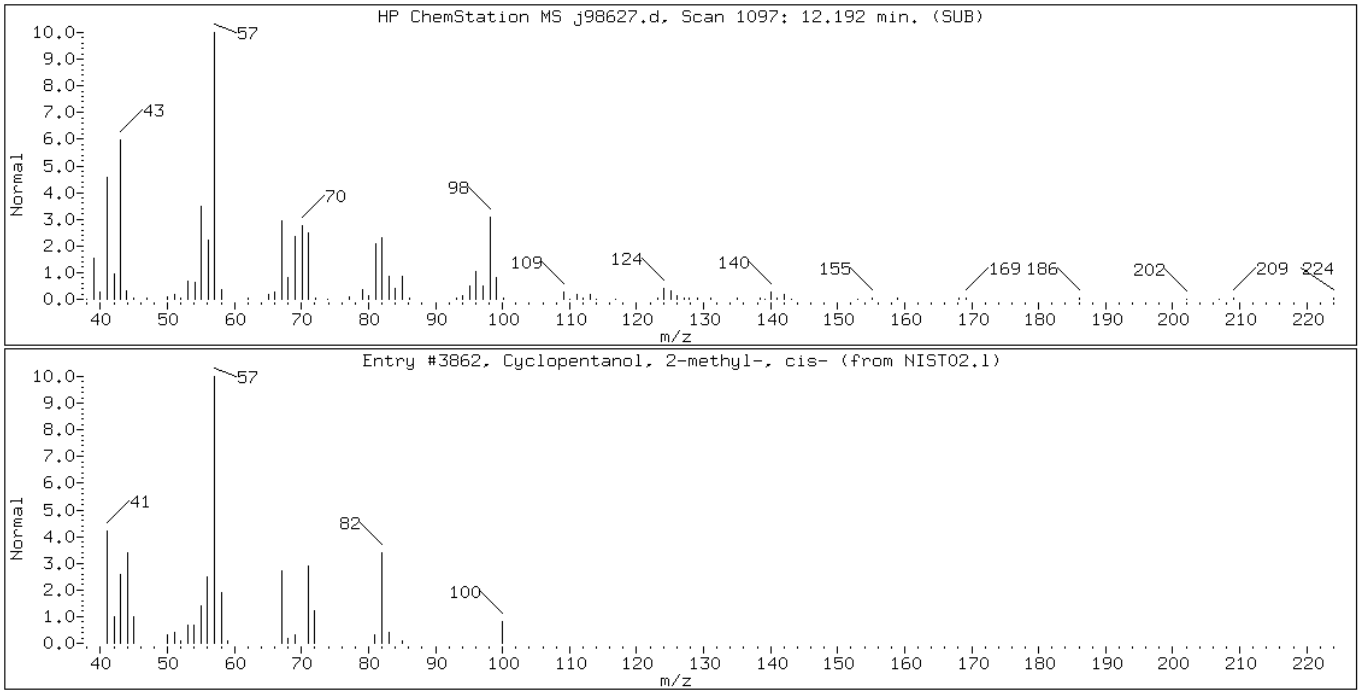
Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

Retention Time: 12.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopentanol, 2-methyl-, cis-	25144-05-2	NIST02.l	3862	43	C6H12O	100



Data File: j98627.d

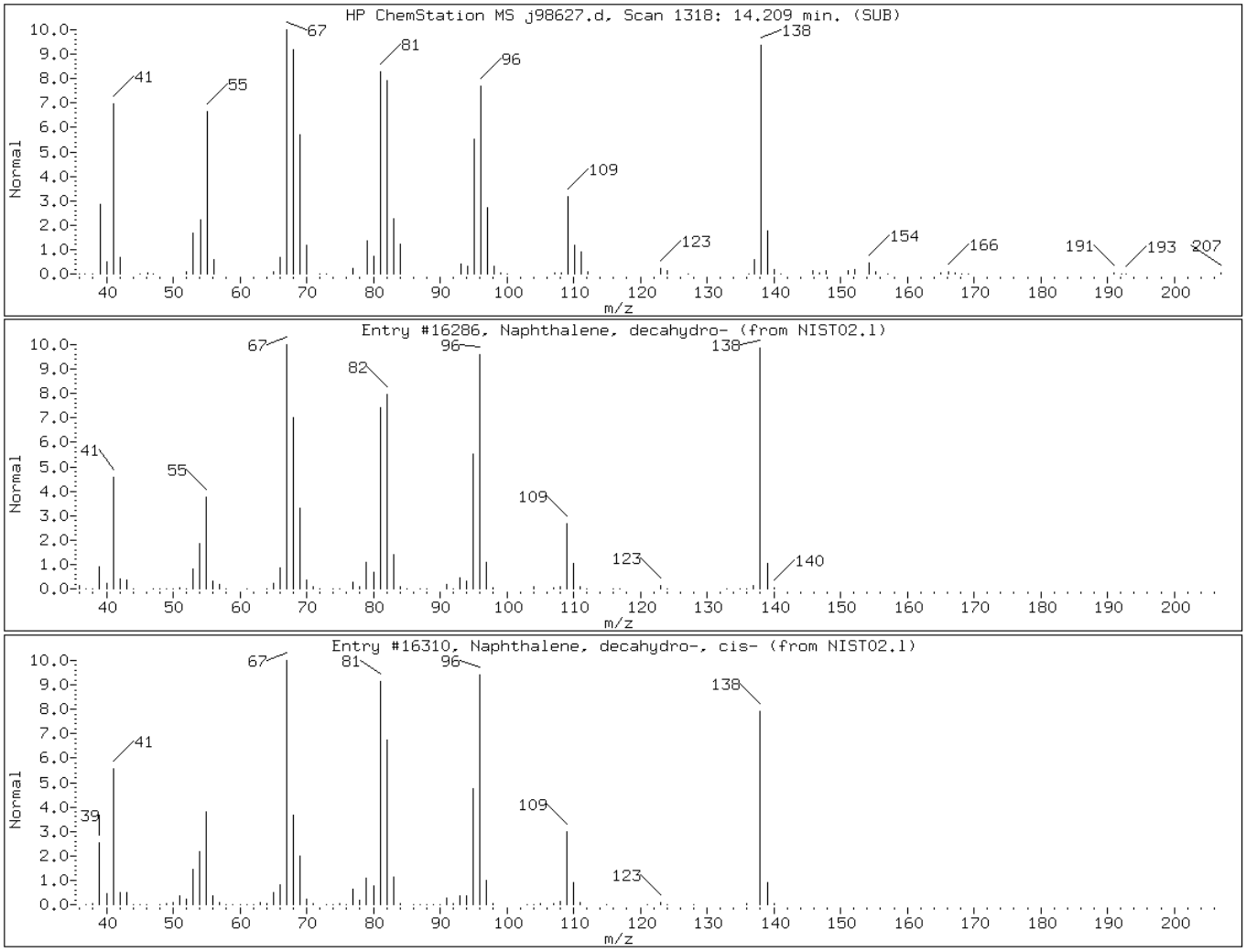
Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

Retention Time: 14.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-	91-17-8	NIST02.l	16286	96	C10H18	138
Naphthalene, decahydro-, cis-	493-01-6	NIST02.l	16310	94	C10H18	138



Data File: j98627.d

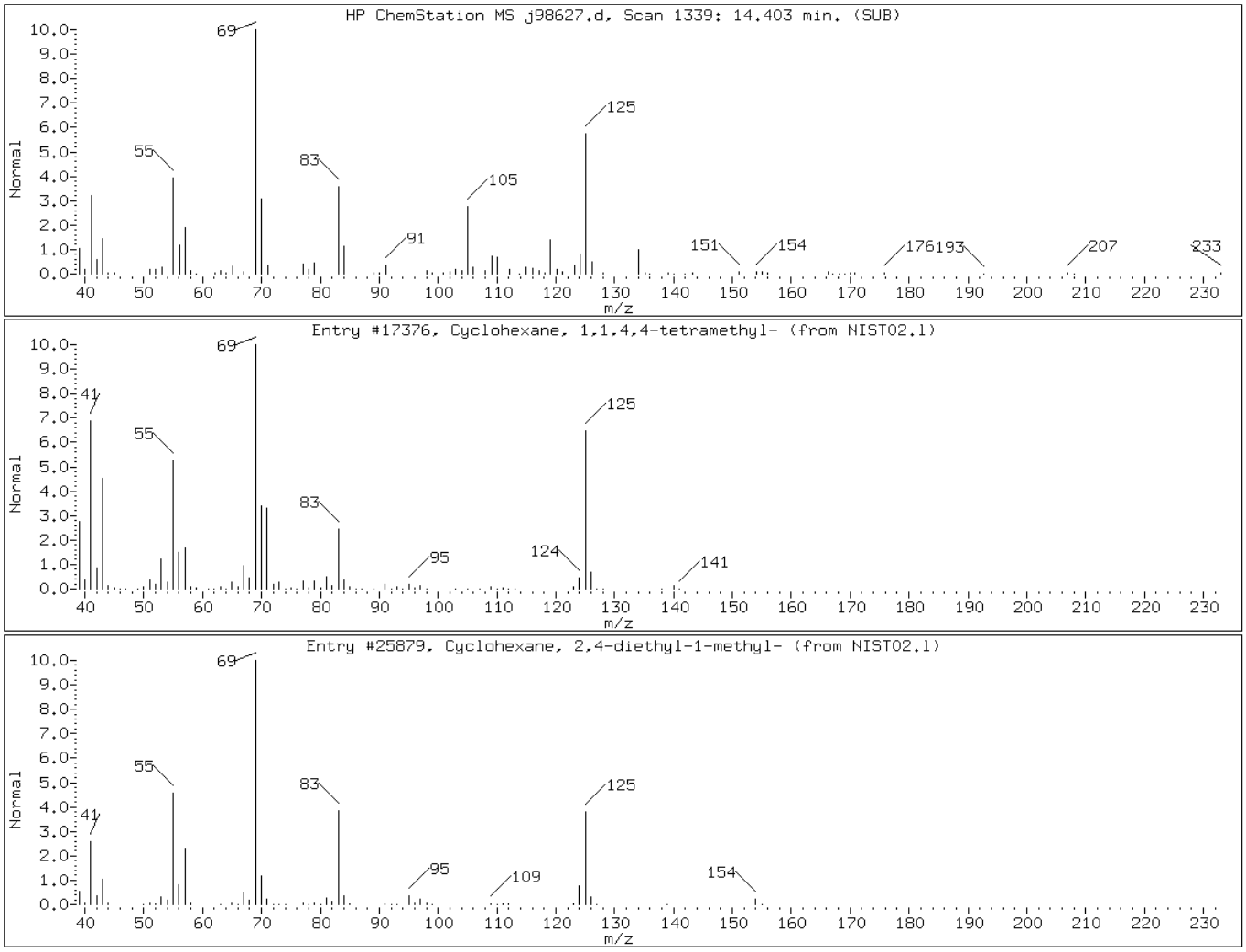
Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

Retention Time: 14.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-2						
Cyclohexane, 1,1,4,4-tetramethyl-	2223-52-1	NIST02.l	17376	59	C10H20	140
Cyclohexane, 2,4-diethyl-1-methyl-	61142-70-9	NIST02.l	25879	50	C11H22	154



Data File: j98627.d

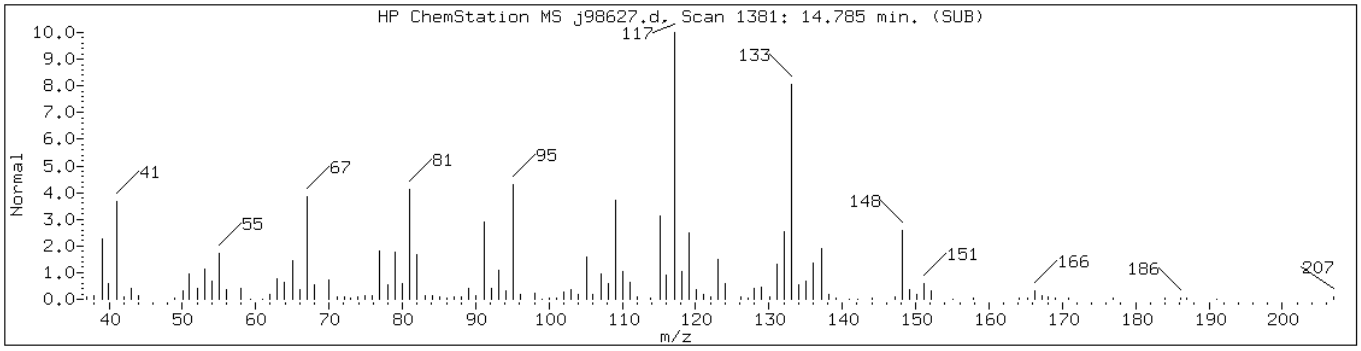
Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

Retention Time: 14.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Unknown						



Data File: j98627.d

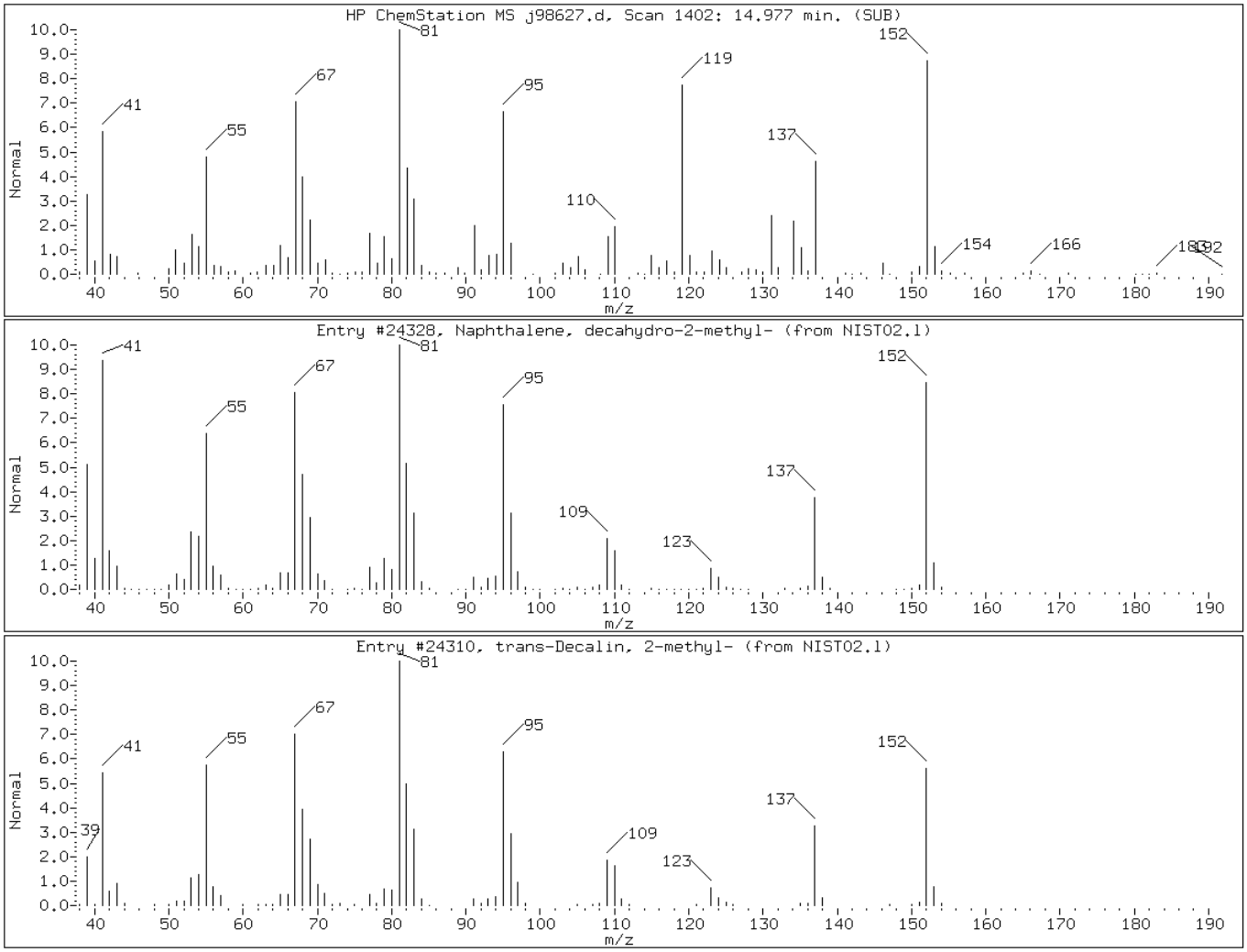
Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

Retention Time: 14.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	86	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	86	C11H20	152



Data File: j98627.d

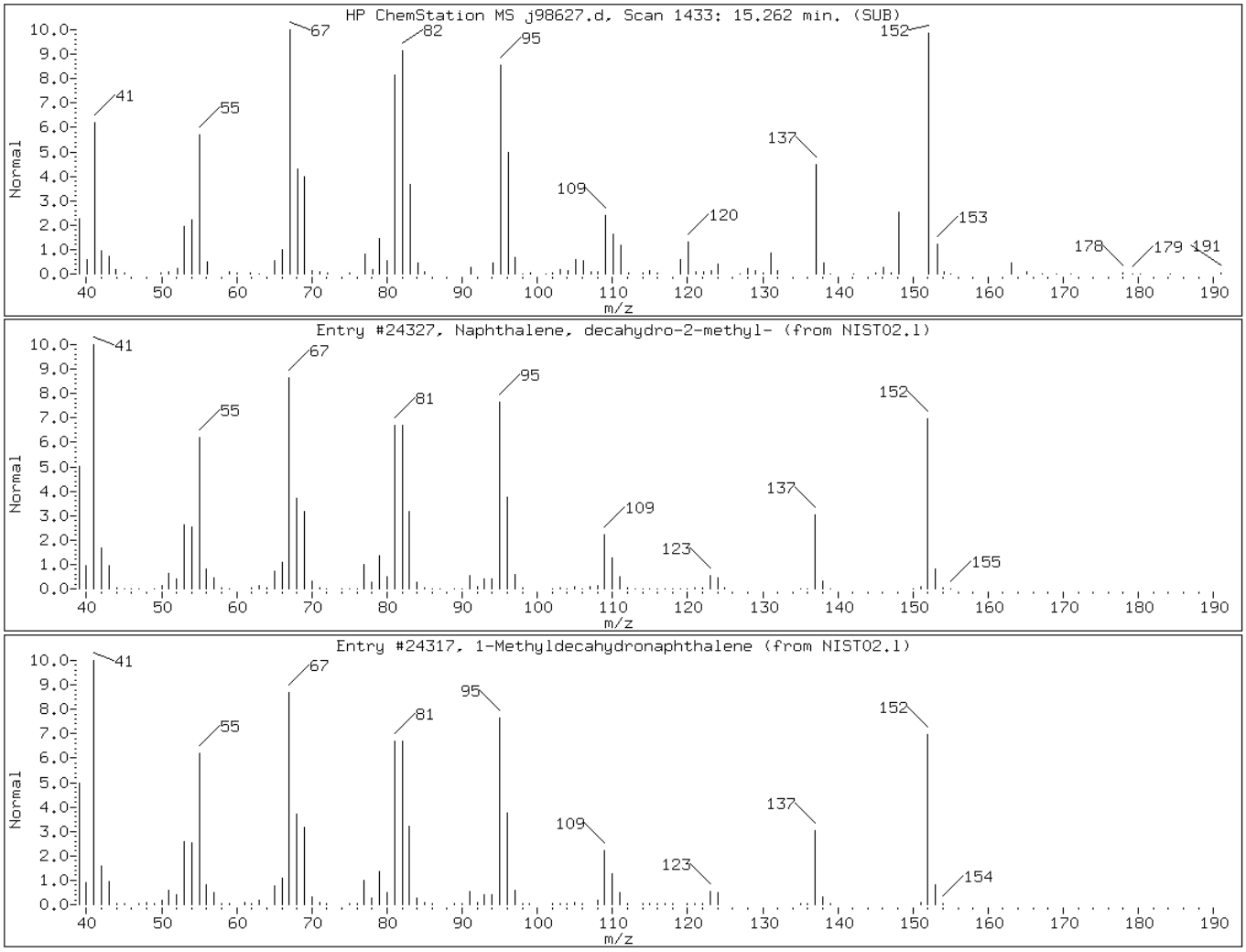
Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

Retention Time: 15.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	97	C11H20	152
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	97	C11H20	152



Data File: j98627.d

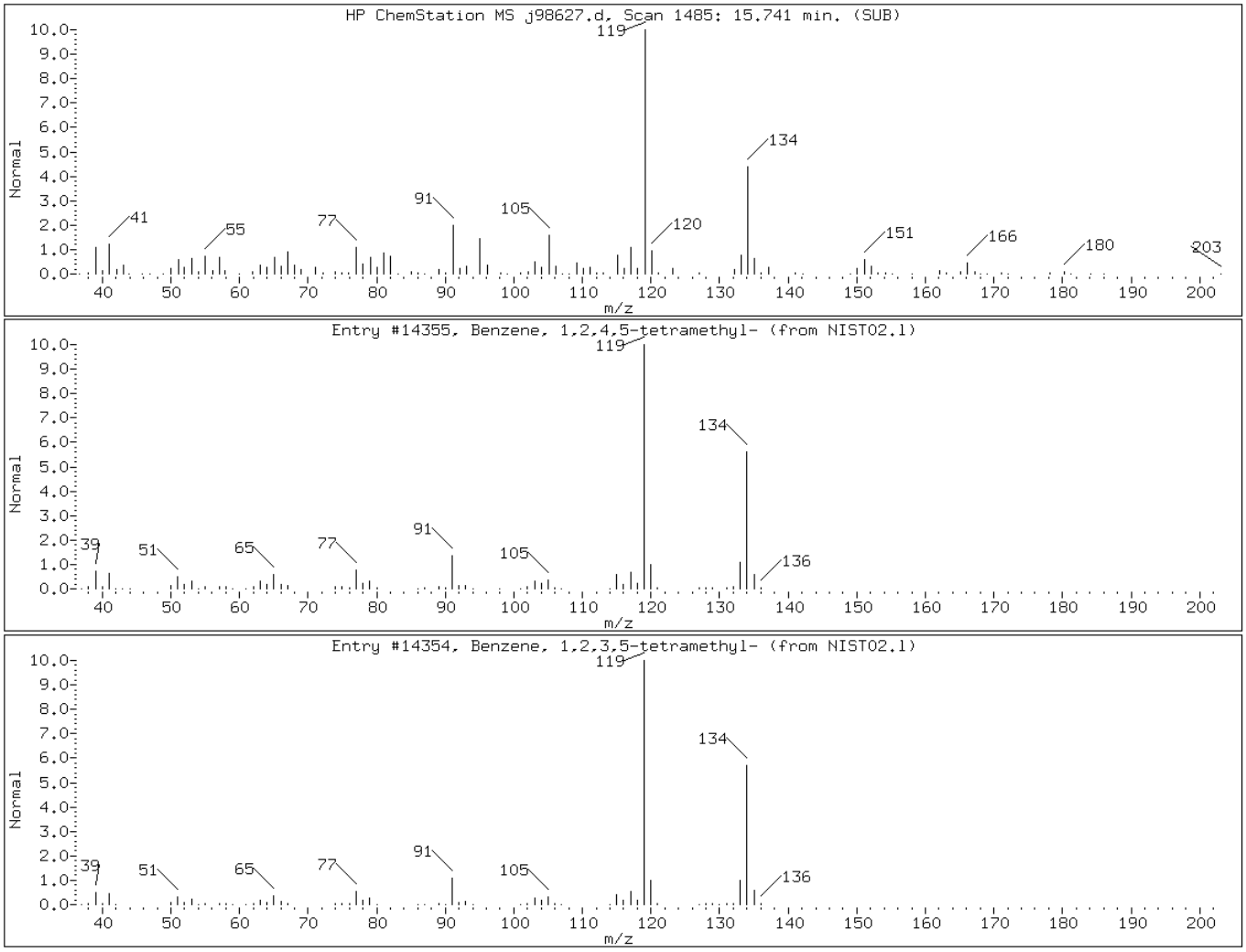
Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

Retention Time: 15.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-1						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	95	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	94	C10H14	134



Data File: j98627.d

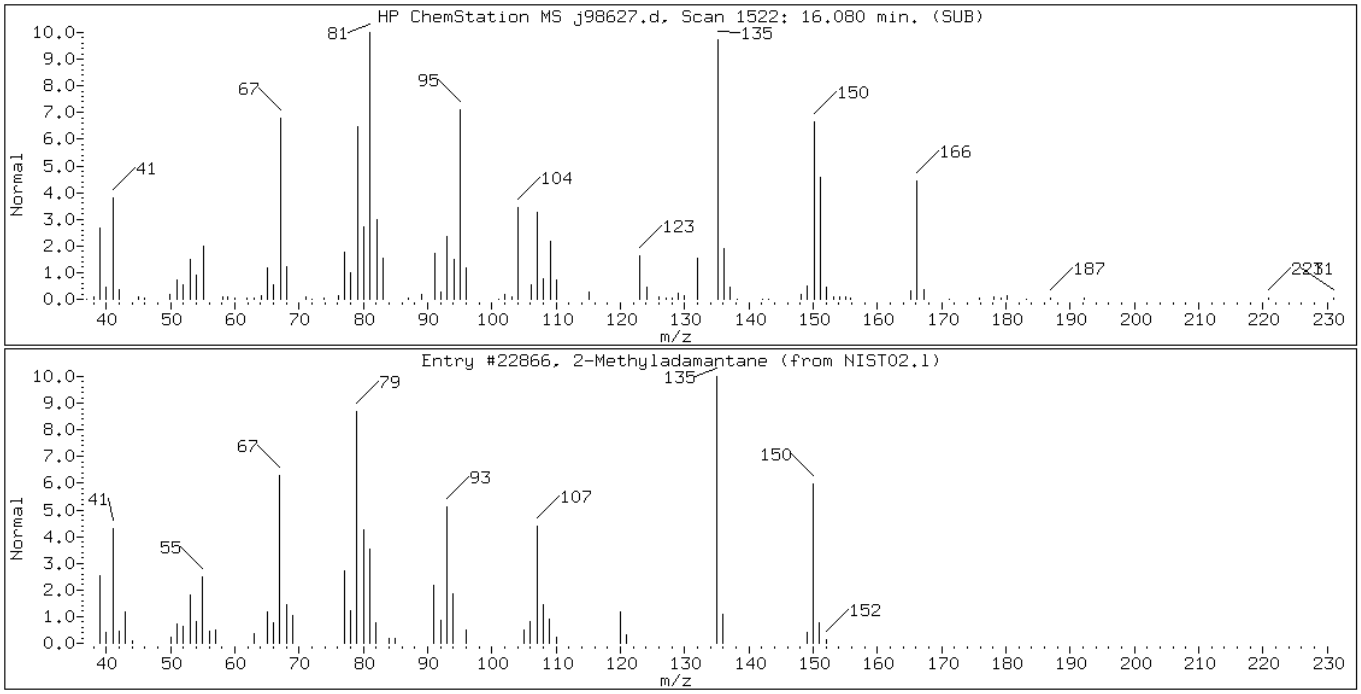
Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

Retention Time: 16.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Methyladamantane	700-56-1	NIST02.l	22866	42	C11H18	150



Data File: j98627.d

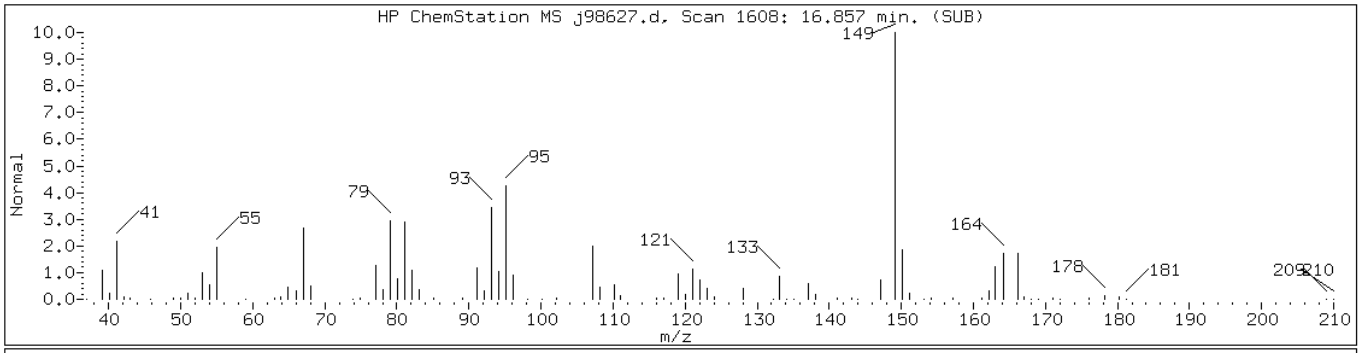
Date: 24-MAR-2011 15:26

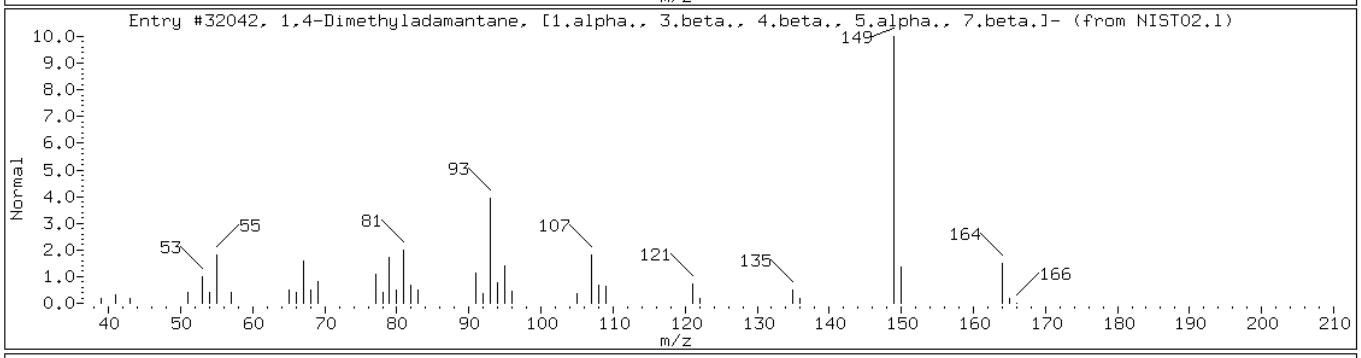
Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

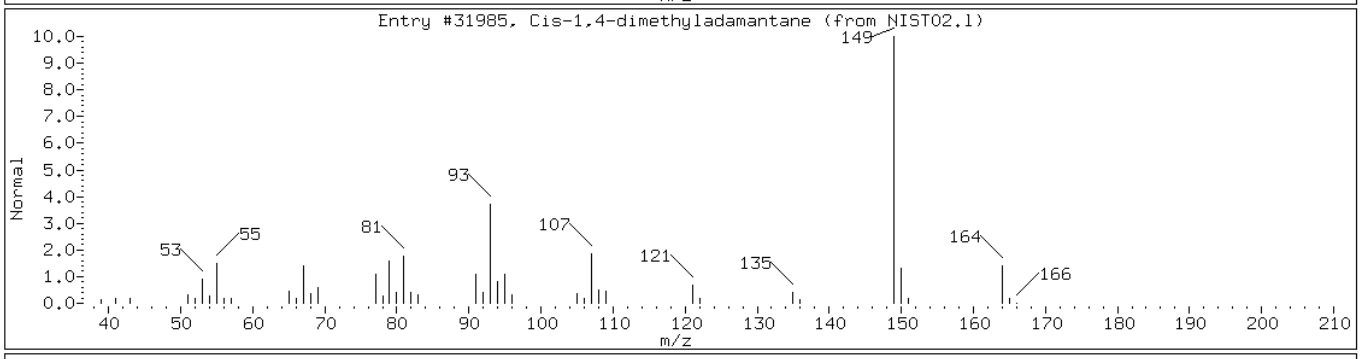
Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

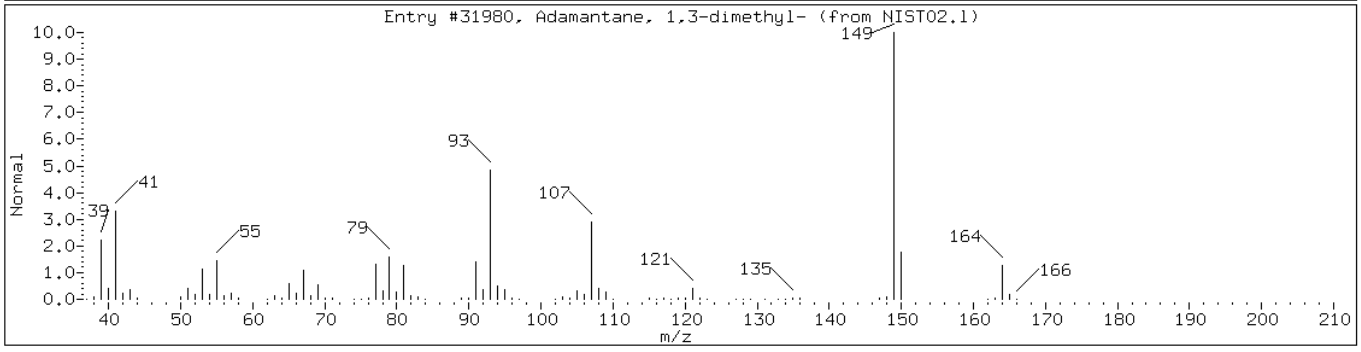
Retention Time: 16.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,4-Dimethyladamantane, [1.alpha.,	24145-88-8	NIST02.l	32042	70	C12H20	164
Cis-1,4-dimethyladamantane	24145-89-9	NIST02.l	31985	64	C12H20	164
Adamantane, 1,3-dimethyl-	702-79-4	NIST02.l	31980	53	C12H20	164









Data File: j98627.d

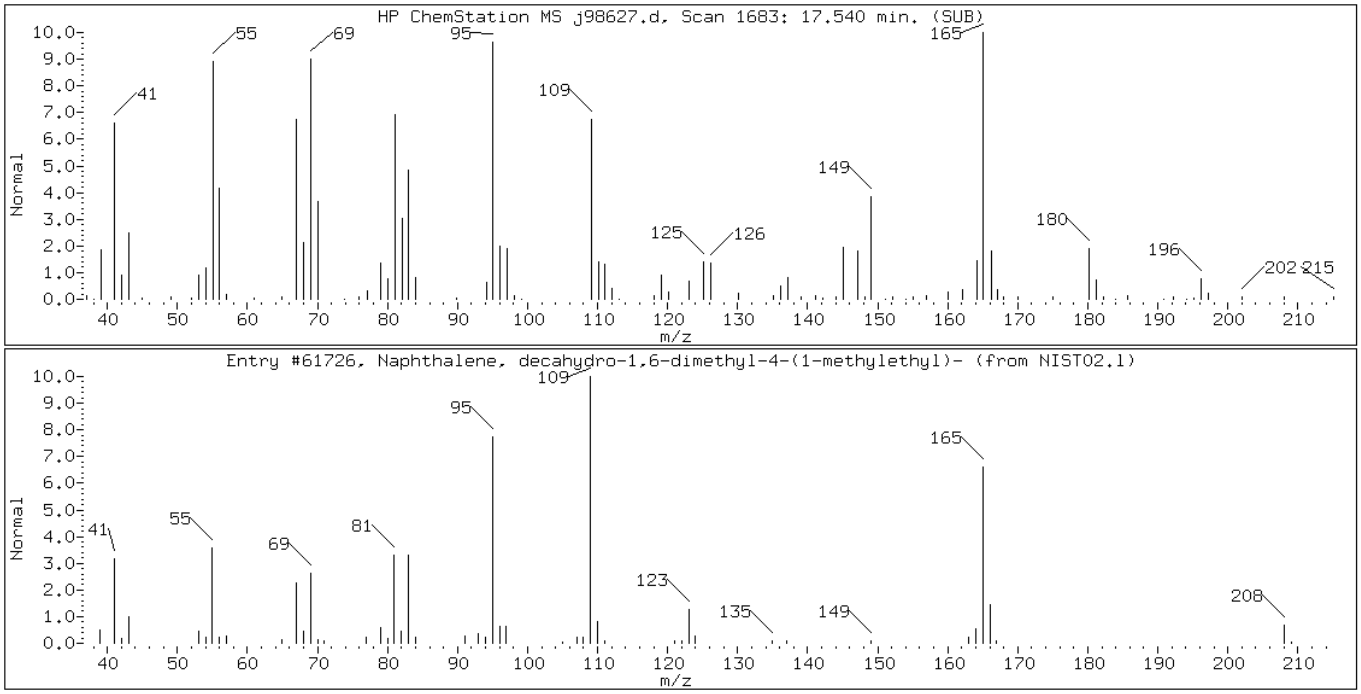
Date: 24-MAR-2011 15:26

Client ID: DUP-031711 (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-4-A;50;;6.32;5 Operator:

Retention Time: 17.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, decahydro-1,6-dimethy	29788-41-8	NIST02.l	61726	43	C15H28	208



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (8-8.5) | Lab Sample ID: 460-24277-5

Matrix: Solid | Lab File ID: j98629.d

Analysis Method: 8260B | Date Collected: 03/17/2011 00:00

Sample wt/vol: 5.87(g) | Date Analyzed: 03/24/2011 16:31

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 5.7 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	45	U	45	9.5
74-83-9	Bromomethane	45	U	45	14
75-01-4	Vinyl chloride	45	U	45	5.4
75-00-3	Chloroethane	45	U	45	20
75-09-2	Methylene Chloride	45	U	45	8.7
67-64-1	Acetone	450	U	450	110
75-15-0	Carbon disulfide	45	U	45	6.6
75-69-4	Trichlorofluoromethane	45	U	45	7.1
75-35-4	1,1-Dichloroethene	45	U	45	6.4
75-34-3	1,1-Dichloroethane	45	U	45	4.5
156-60-5	trans-1,2-Dichloroethene	45	U	45	6.2
156-59-2	cis-1,2-Dichloroethene	29	J	45	8.7
67-66-3	Chloroform	45	U	45	7.0
78-93-3	2-Butanone	450	U	450	37
107-06-2	1,2-Dichloroethane	45	U	45	11
71-55-6	1,1,1-Trichloroethane	45	U	45	11
56-23-5	Carbon tetrachloride	45	U	45	8.1
71-43-2	Benzene	45	U	45	5.4
75-25-2	Bromoform	45	U	45	4.5
100-42-5	Styrene	45	U	45	6.3
100-41-4	Ethylbenzene	170		45	11
108-90-7	Chlorobenzene	120		45	7.5
110-82-7	Cyclohexane	45	U	45	5.6
98-82-8	Isopropylbenzene	45	U	45	9.6
591-78-6	2-Hexanone	450	U	450	25
1634-04-4	MTBE	45	U	45	8.4
76-13-1	Freon TF	45	U	45	13
79-20-9	Methyl acetate	90	U	90	15
123-91-1	1,4-Dioxane	2300	U	2300	380
79-01-6	Trichloroethene	10	J	45	8.0
108-88-3	Toluene	67		45	4.3
10061-02-6	trans-1,3-Dichloropropene	45	U	45	5.5
108-10-1	4-Methyl-2-pentanone	450	U	450	31
10061-01-5	cis-1,3-Dichloropropene	45	U	45	4.6
95-50-1	1,2-Dichlorobenzene	4700		45	7.4
541-73-1	1,3-Dichlorobenzene	2400		45	10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (8-8.5) | Lab Sample ID: 460-24277-5

Matrix: Solid | Lab File ID: j98629.d

Analysis Method: 8260B | Date Collected: 03/17/2011 00:00

Sample wt/vol: 5.87(g) | Date Analyzed: 03/24/2011 16:31

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 5.7 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	7800		45	6.8
120-82-1	1,2,4-Trichlorobenzene	910		45	20
87-61-6	1,2,3-Trichlorobenzene	980		45	38
78-87-5	1,2-Dichloropropane	45	U	45	3.9
108-87-2	Methylcyclohexane	160		45	3.6
127-18-4	Tetrachloroethene	45	U	45	8.9
1330-20-7	Xylenes, Total	1800		140	20
96-12-8	1,2-Dibromo-3-Chloropropane	45	U	45	6.9
79-34-5	1,1,2,2-Tetrachloroethane	45	U	45	3.9
79-00-5	1,1,2-Trichloroethane	45	U	45	4.4
124-48-1	Dibromochloromethane	45	U	45	4.5
106-93-4	1,2-Dibromoethane	45	U	45	4.1
75-71-8	Dichlorodifluoromethane	45	U	45	13
74-97-5	Bromochloromethane	45	U	45	7.8
75-27-4	Bromodichloromethane	45	U	45	4.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		57-135
2037-26-5	Toluene-d8 (Surr)	81		46-130
460-00-4	Bromofluorobenzene	101		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (8-8.5) Lab Sample ID: 460-24277-5

Matrix: Solid Lab File ID: j98629.d

Analysis Method: 8260B Date Collected: 03/17/2011 00:00

Sample wt/vol: 5.87(g) Date Analyzed: 03/24/2011 16:31

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 5.7 Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 84800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Ethylmethylbenzene isomer	12.89	10000	J
95-63-6	1,2,4-Trimethylbenzene	13.36	5800	
	Unknown Cycloalkane-1	13.61	5100	J
	Diethylbenzene isomer	14.11	9900	J
	Ethyldimethylbenzene isomer-1	14.56	5000	J
	Unknown Aromatic	14.75	12000	J
	Decahydromethylnaphthalene isomer	14.98	5000	J
	Decahydromethylnaphthalene isomer-1	15.26	9800	J
	Unknown Aromatic-2	15.78	18000	J
	C11H14 Aromatic	16.24	4200	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98629.d
Report Date: 25-Mar-2011 14:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98629.d
Lab Smp Id: 460-24277-B-5-A Client Smp ID: DUP-031711 (8-8.5)
Inj Date : 24-MAR-2011 16:31
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-5-A;50;;5.87;5
Misc Info : 460-24277-B-5-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 14
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.87000	Weight of sample extracted (g)
M	5.69948	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	36 cis-1,2-Dichloroethene	96	6.419	6.415	(0.813)	7354	0.64469	29(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.486	7.474	(0.948)	405104	46.1817	2100
*	52 Fluorobenzene	96	7.892	7.883	(1.000)	1383580	50.0000	
	54 Trichloroethene	95	8.337	8.332	(1.056)	2669	0.22281	10(a)
	56 Methyl cyclohexane	83	8.584	8.560	(1.088)	35691	3.61050	160
$	65 Toluene-d8 (SUR)	98	9.763	9.748	(0.860)	1007444	40.5096	1800
	66 Toluene	91	9.836	9.830	(0.866)	49050	1.48741	67
*	78 Chlorobenzene-d5	117	11.351	11.346	(1.000)	1063603	50.0000	
	79 Chlorobenzene	112	11.386	11.383	(1.003)	65469	2.71011	120
	81 Ethylbenzene	106	11.473	11.465	(1.011)	37681	3.72996	170
	82 m+p-Xylene	106	11.583	11.583	(1.020)	302853	21.7519	980
	84 o-Xylene	106	12.011	12.003	(1.058)	250567	18.0910	820
$	89 Bromofluorobenzene (SUR)	174	12.555	12.550	(0.910)	560590	50.2696	2300
	97 1,3,5-Trimethylbenzene	105	12.950	12.946	(0.939)	1418723	60.4442	2700

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98629.d
Report Date: 25-Mar-2011 14:51

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
101 1,2,4-Trimethylbenzene	105	13.360	13.359	(0.969)	3321514	128.159	5800
105 1,3-Dichlorobenzene	146	13.725	13.717	(0.995)	871578	52.5016	2400
* 108 1,4-Dichlorobenzene-d4	152	13.790	13.789	(1.000)	587697	50.0000	
109 1,4-Dichlorobenzene	146	13.817	13.815	(1.002)	3692960	173.446	7800
111 1,2-Dichlorobenzene	146	14.262	14.259	(1.034)	1941540	105.047	4700
114 1,2,4-Trichlorobenzene	180	16.419	16.417	(1.191)	224804	20.1794	910
116 Naphthalene	128	16.859	16.868	(1.223)	1810748	82.8247	3700
117 1,2,3-Trichlorobenzene	180	17.291	17.287	(1.254)	181356	21.7203	980
M 120 1,2-Dichloroethene (Total)	100				7354	0.68580	31(a)
M 121 Xylene (Total)	100				553420	39.8429	1800

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98629.d
Report Date: 25-Mar-2011 14:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98629.d
Lab Smp Id: 460-24277-B-5-A Client Smp ID: DUP-031711 (8-8.5)
Inj Date : 24-MAR-2011 16:31
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-5-A;50;;5.87;5
Misc Info : 460-24277-B-5-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 14
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.87000	Weight of sample extracted (g)
M	5.69948	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.351	3588297	50.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane					CAS #:		
12.218	5927545	82.5955030	3700	0		0	78
Ethylmethylbenzene isomer					CAS #:		
12.894	16556079	230.695438	10000	0		0	78(L)

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98629.d
Report Date: 25-Mar-2011 14:51

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylmethylbenzene isomer-1					CAS #:		
13.189	5294948	73.7807752	3300	0		0	78
Unknown Cycloalkane-1					CAS #:		
13.607	8033664	111.942556	5000	0		0	78
Diethylbenzene isomer					CAS #:		
14.107	15682715	218.525833	9900	0		0	78
Unknown Hydrocarbon					CAS #:		
14.362	6478530	90.2730217	4100	0		0	78
Ethyldimethylbenzene isomer					CAS #:		
14.473	6285407	87.5820184	4000	0		0	78
Ethyldimethylbenzene isomer-1					CAS #:		
14.563	7917350	110.321807	5000	0		0	78
Unknown Aromatic					CAS #:		
14.748	19007644	264.856005	12000	0		0	78
Decahydromethylnaphthalene isomer					CAS #:		
14.978	7936050	110.582381	5000	0		0	78
Ethyldimethylbenzene isomer-1					CAS #:		
15.139	2686118	37.4288569	1700	0		0	78
Decahydromethylnaphthalene isomer-1					CAS #:		
15.259	15503356	216.026608	9800	0		0	78
Unknown					CAS #:		
15.435	3018335	42.0580394	1900	0		0	78
Unknown Aromatic-1					CAS #:		
15.600	2987699	41.6311497	1900	0		0	78
Unknown Aromatic-2					CAS #:		
15.785	29201623	406.900775	18000	0		0	78
C11H14 Aromatic					CAS #:		
16.243	6625349	92.3188247	4200	0		0	78
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
17.784	2926179	40.7739176	1800	0		0	78

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98629.d
Report Date: 25-Mar-2011 14:51

QC Flag Legend

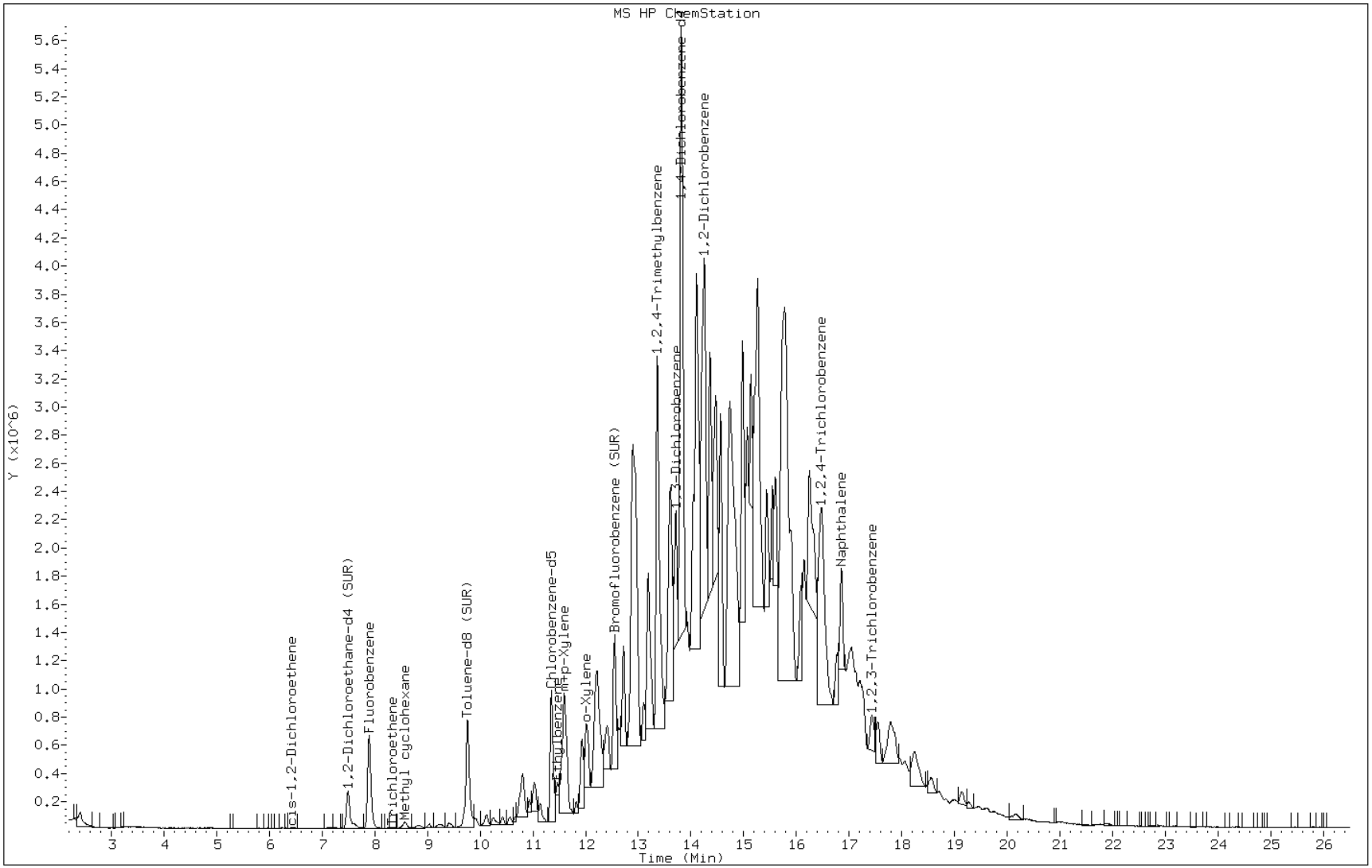
L - Operator selected an alternate library search match.

Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:



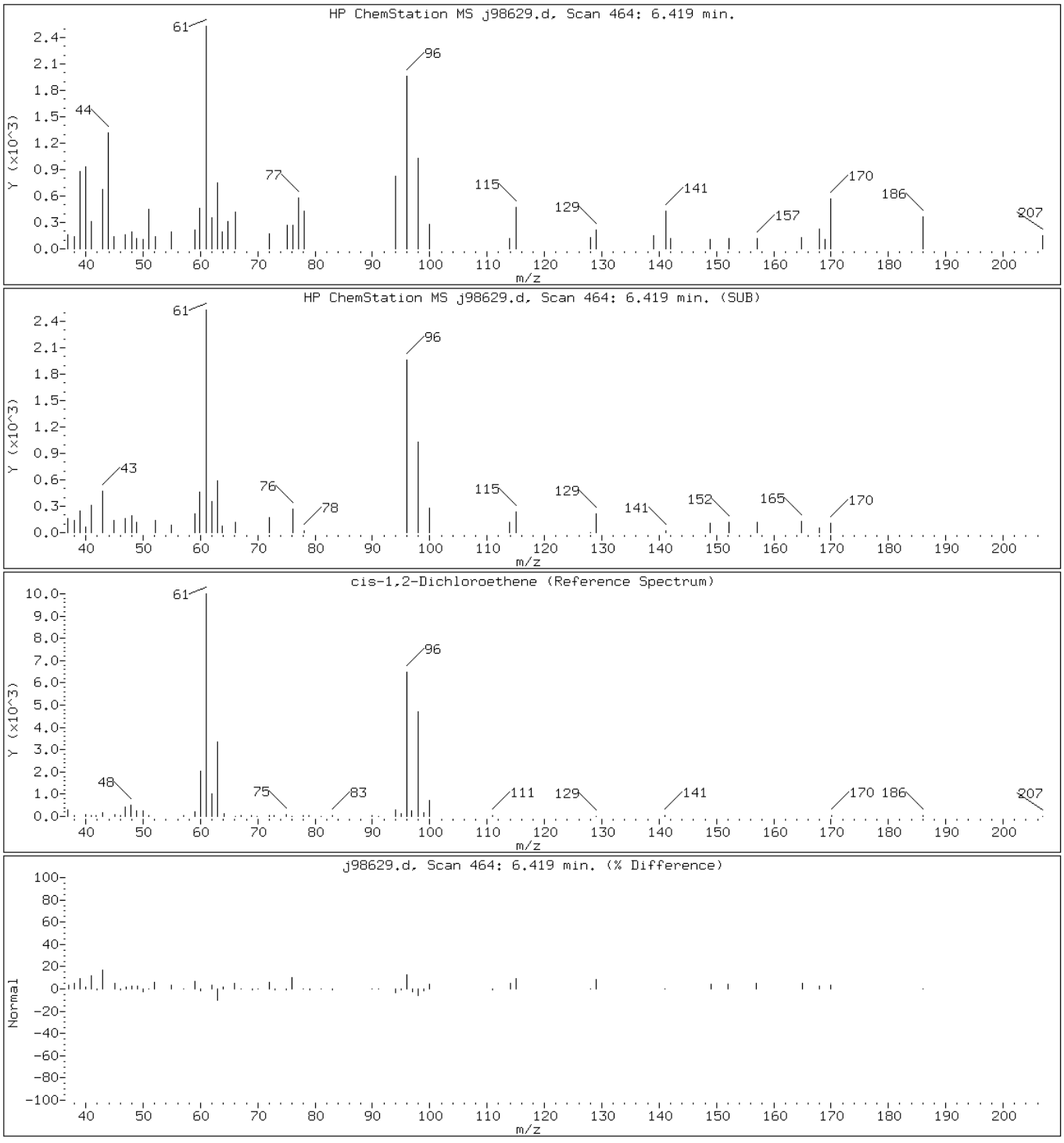
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

36 cis-1,2-Dichloroethene



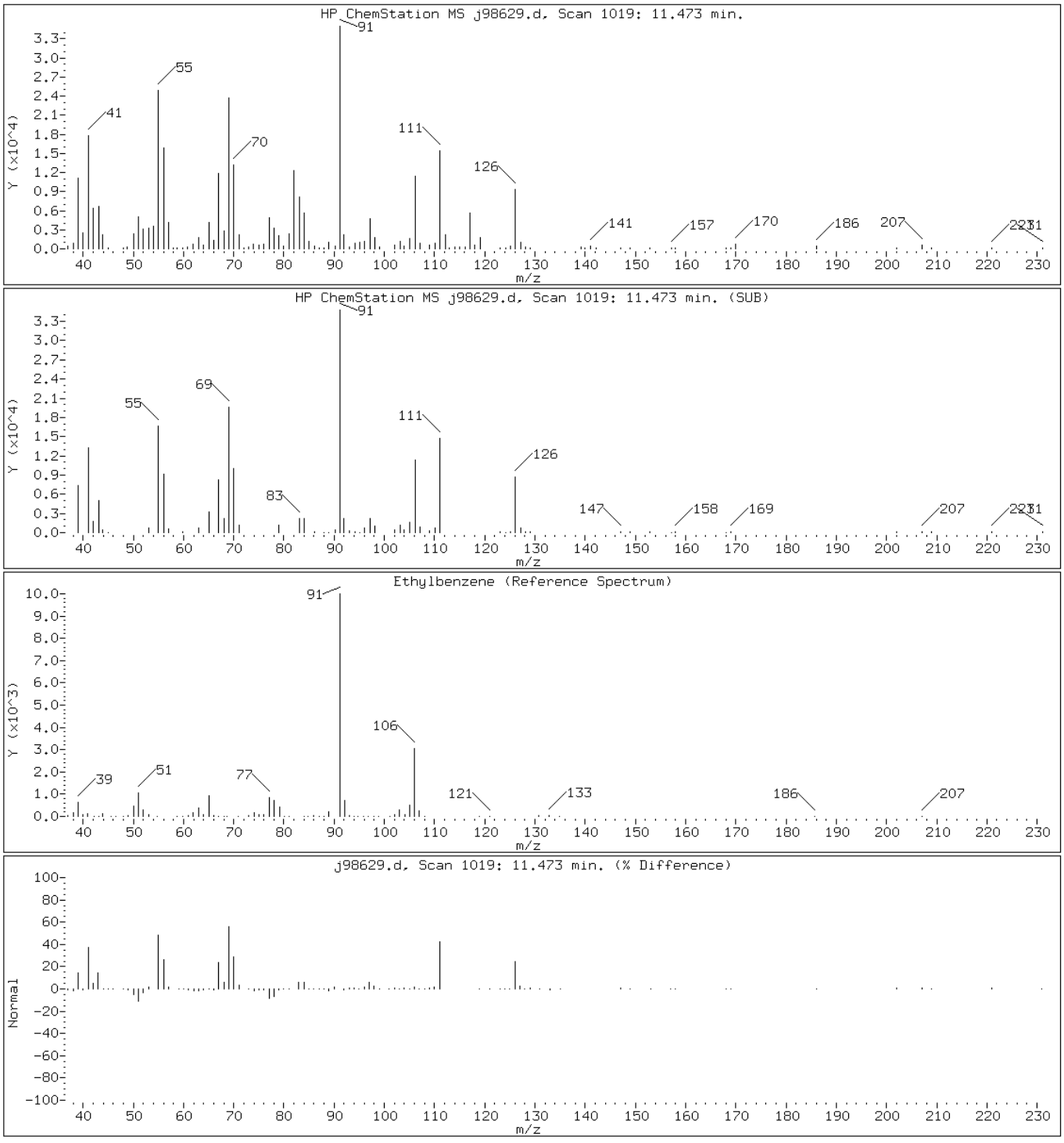
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

81 Ethylbenzene



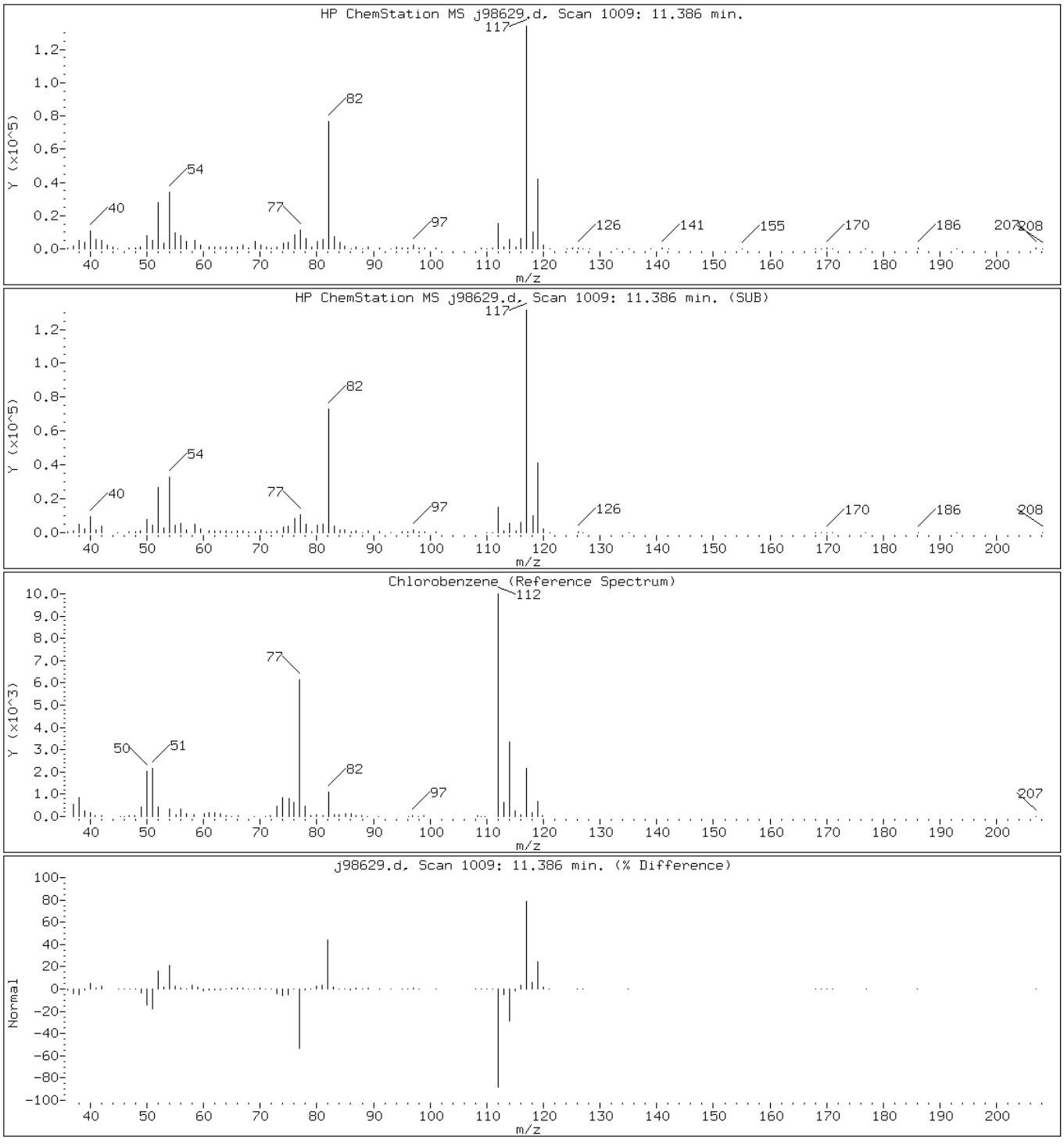
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

79 Chlorobenzene



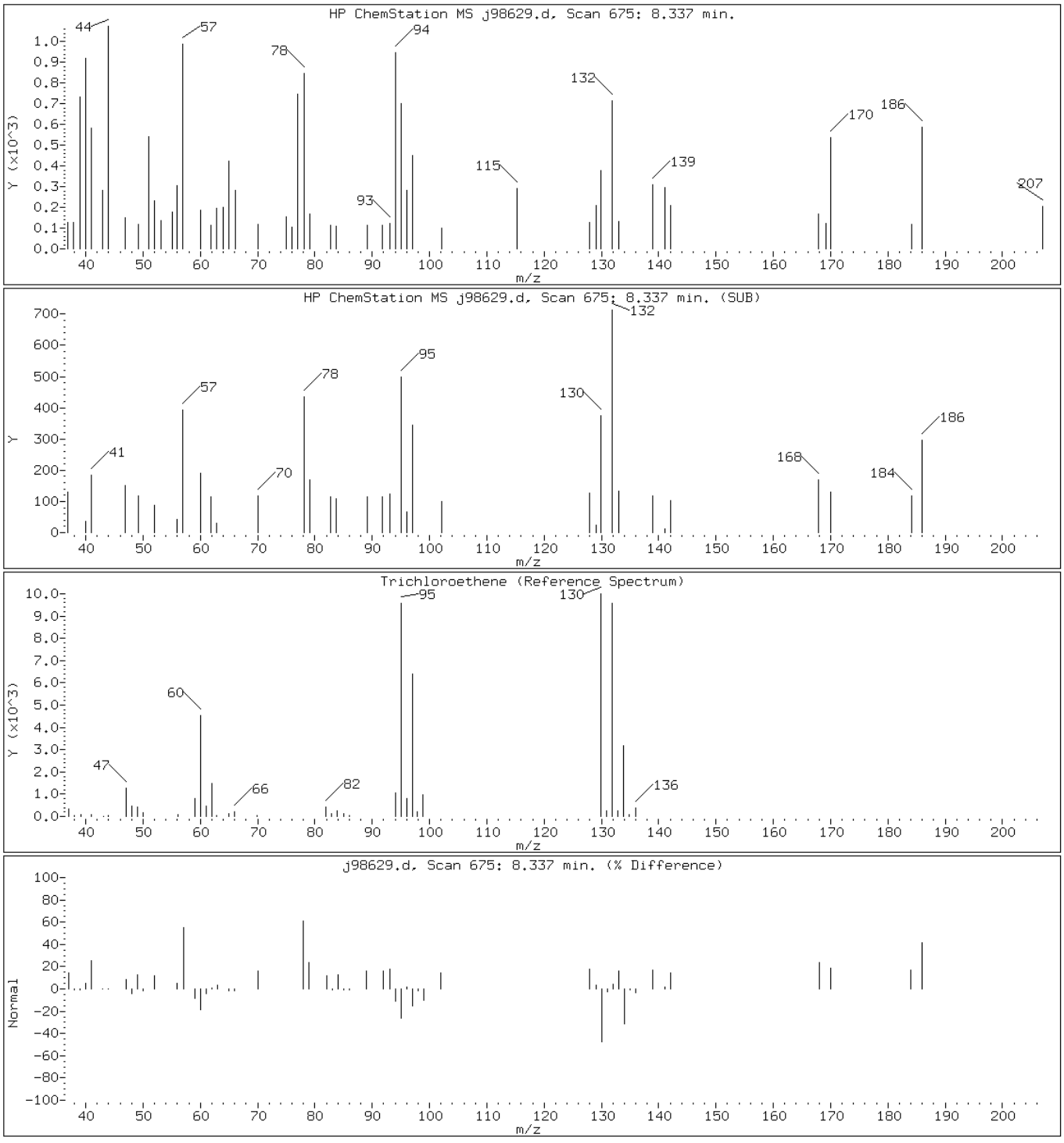
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

54 Trichloroethene



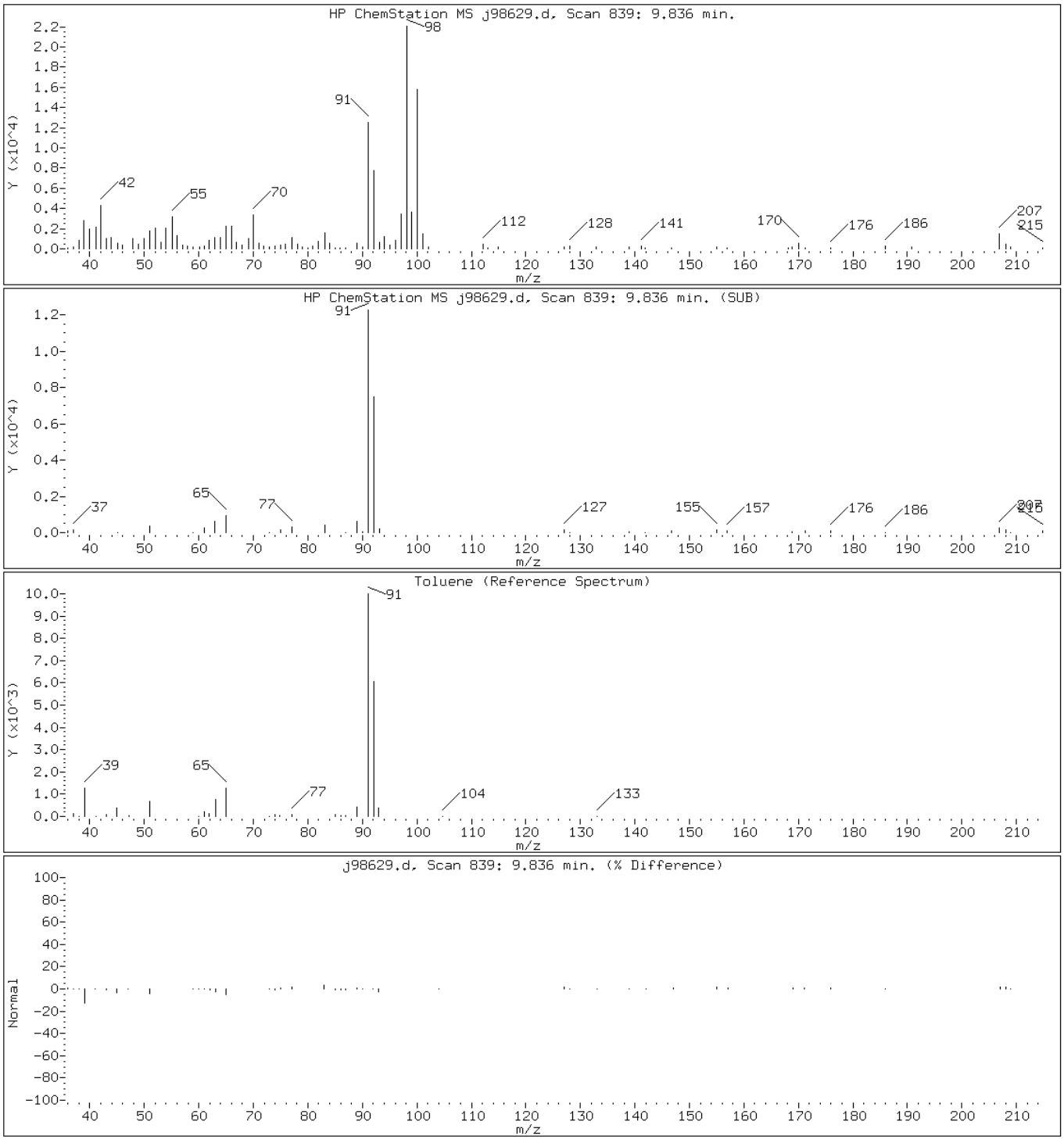
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

66 Toluene



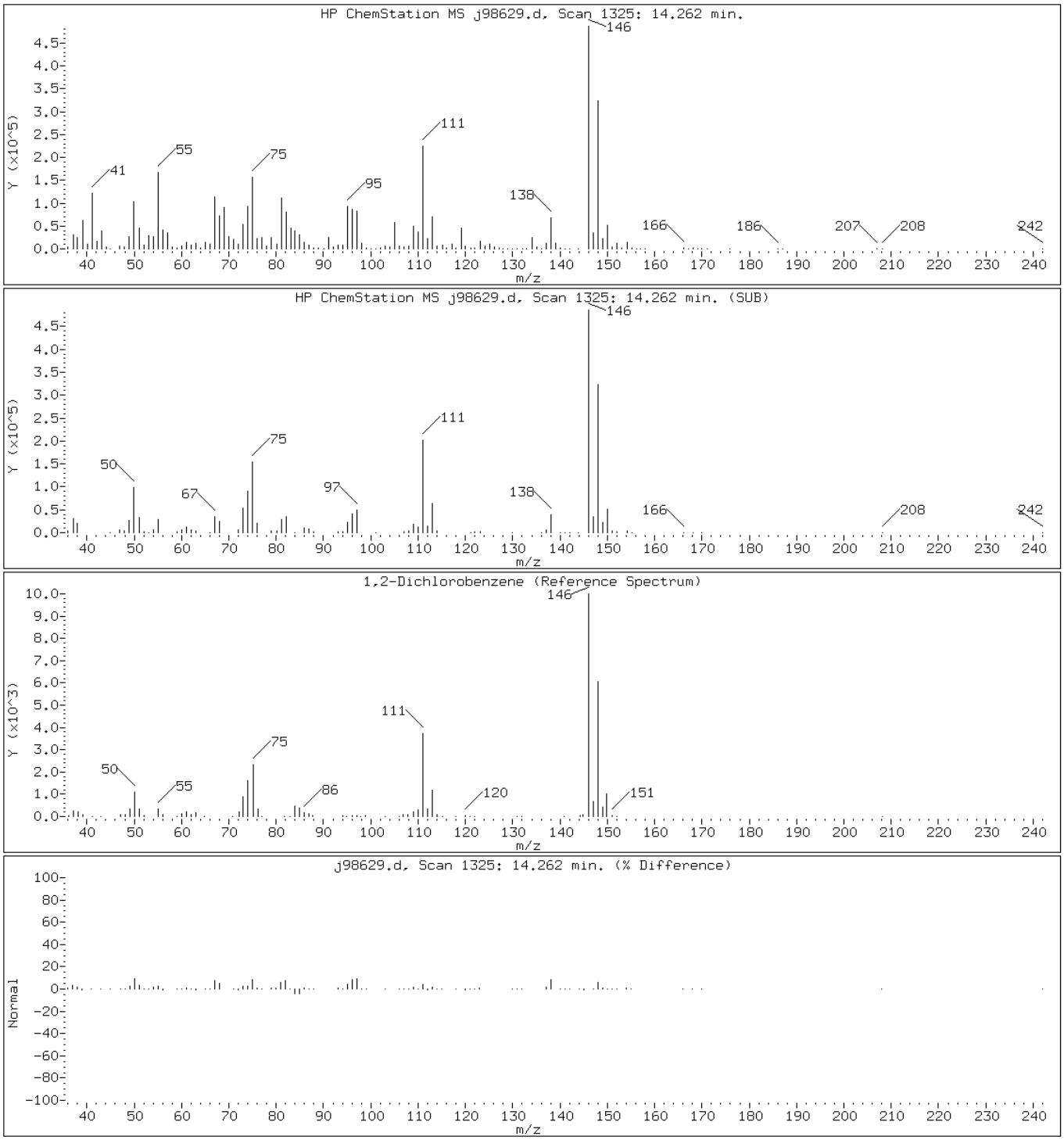
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

111 1,2-Dichlorobenzene



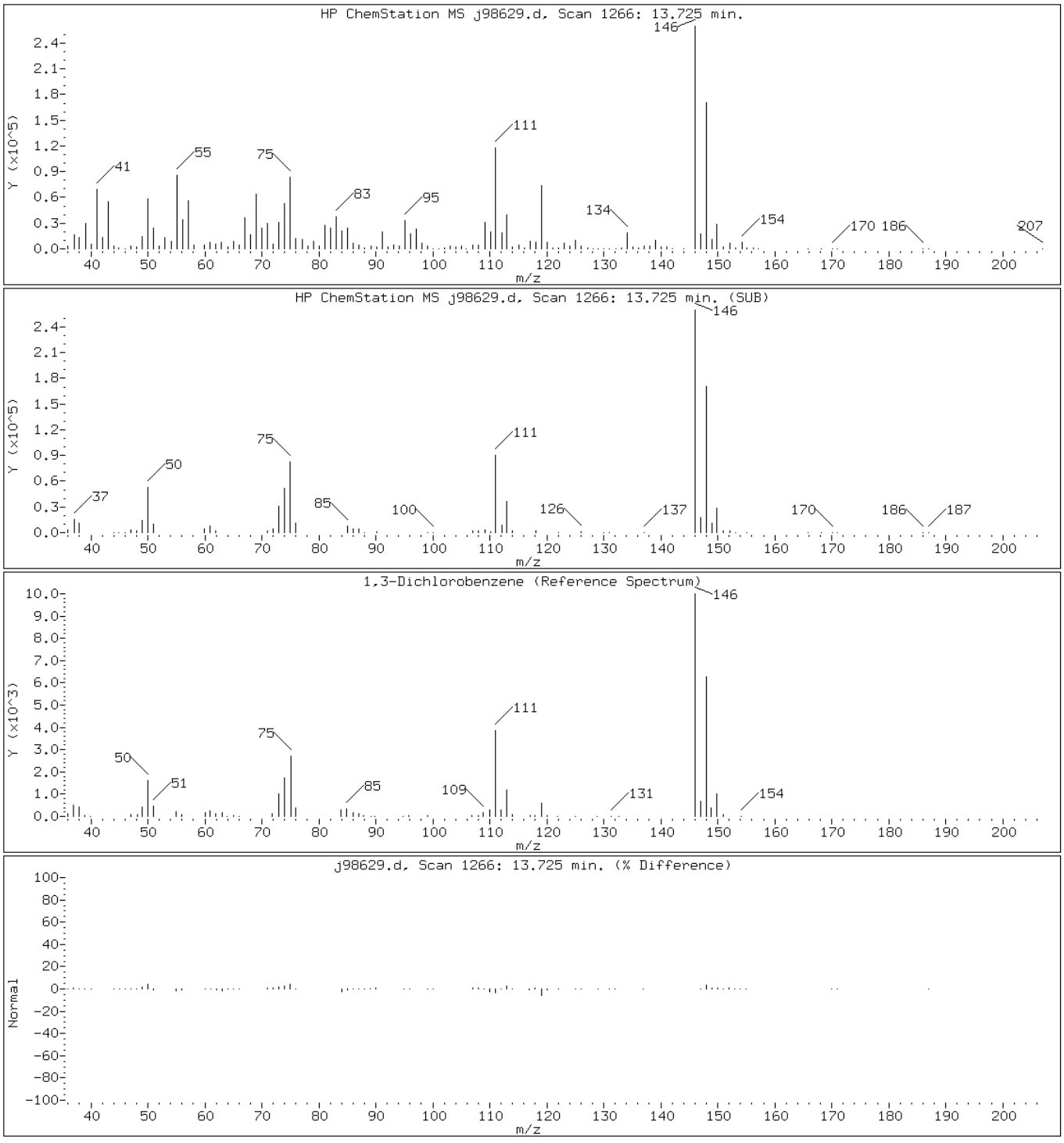
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

105 1,3-Dichlorobenzene



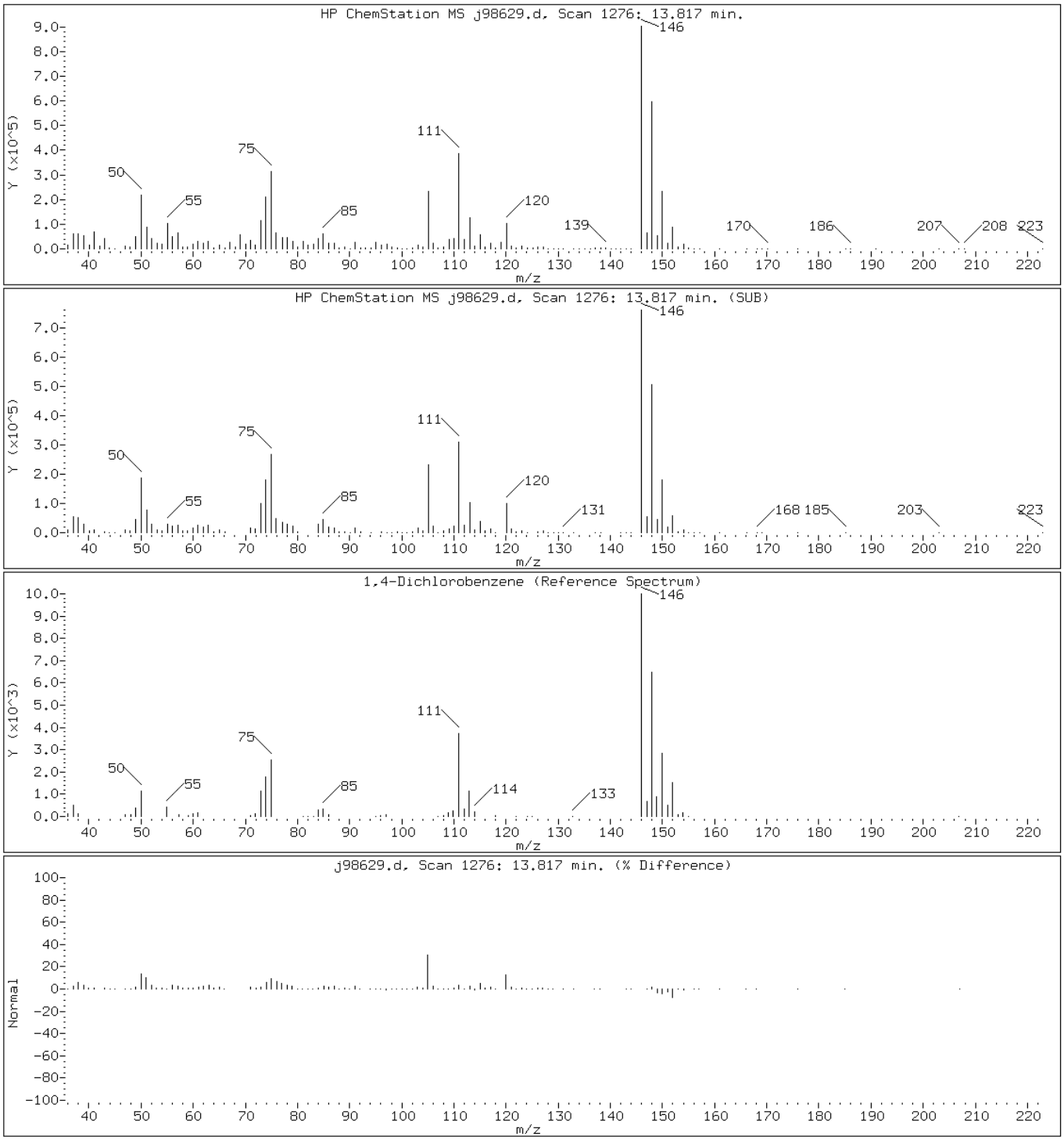
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

109 1,4-Dichlorobenzene



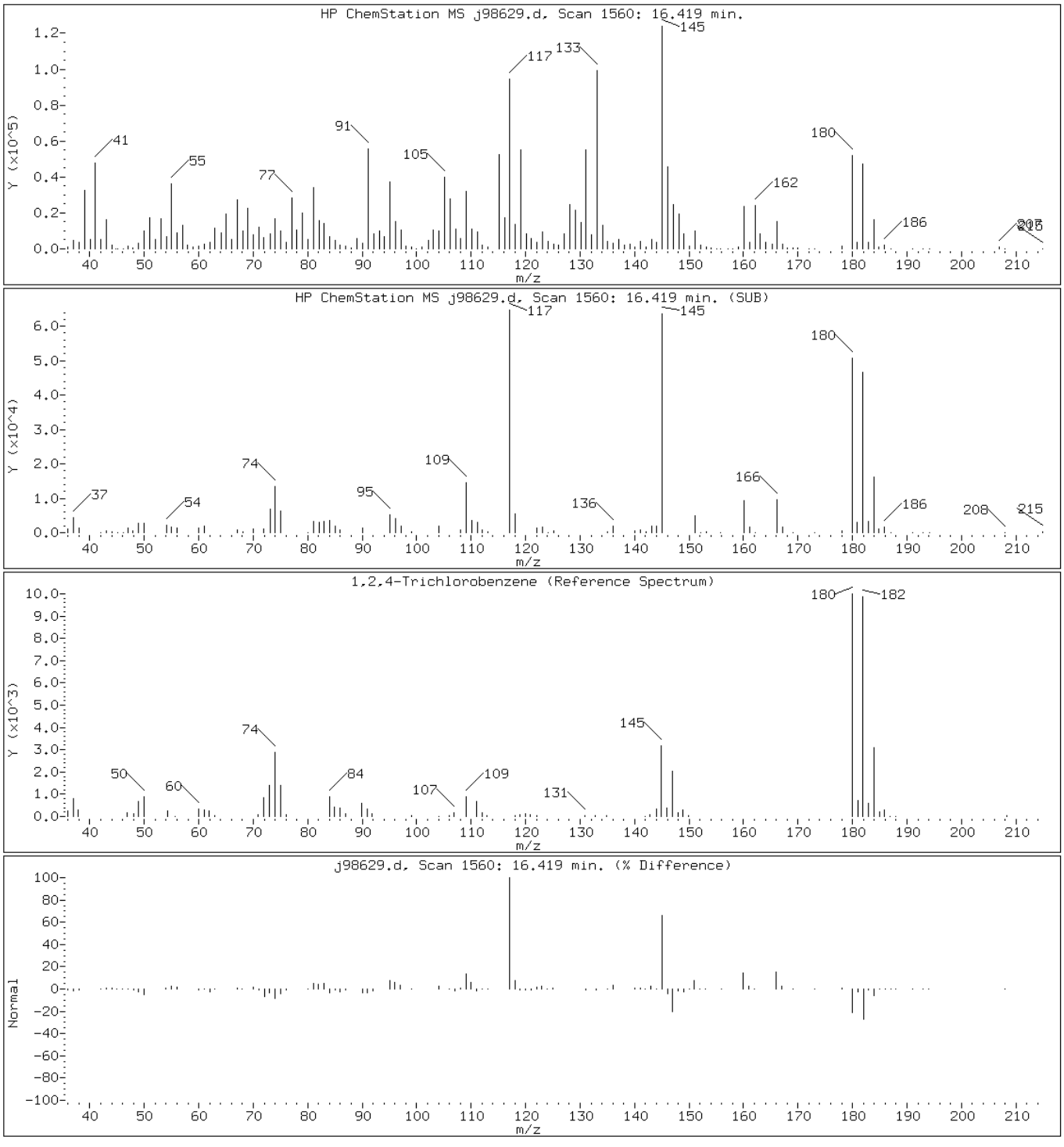
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

114 1,2,4-Trichlorobenzene



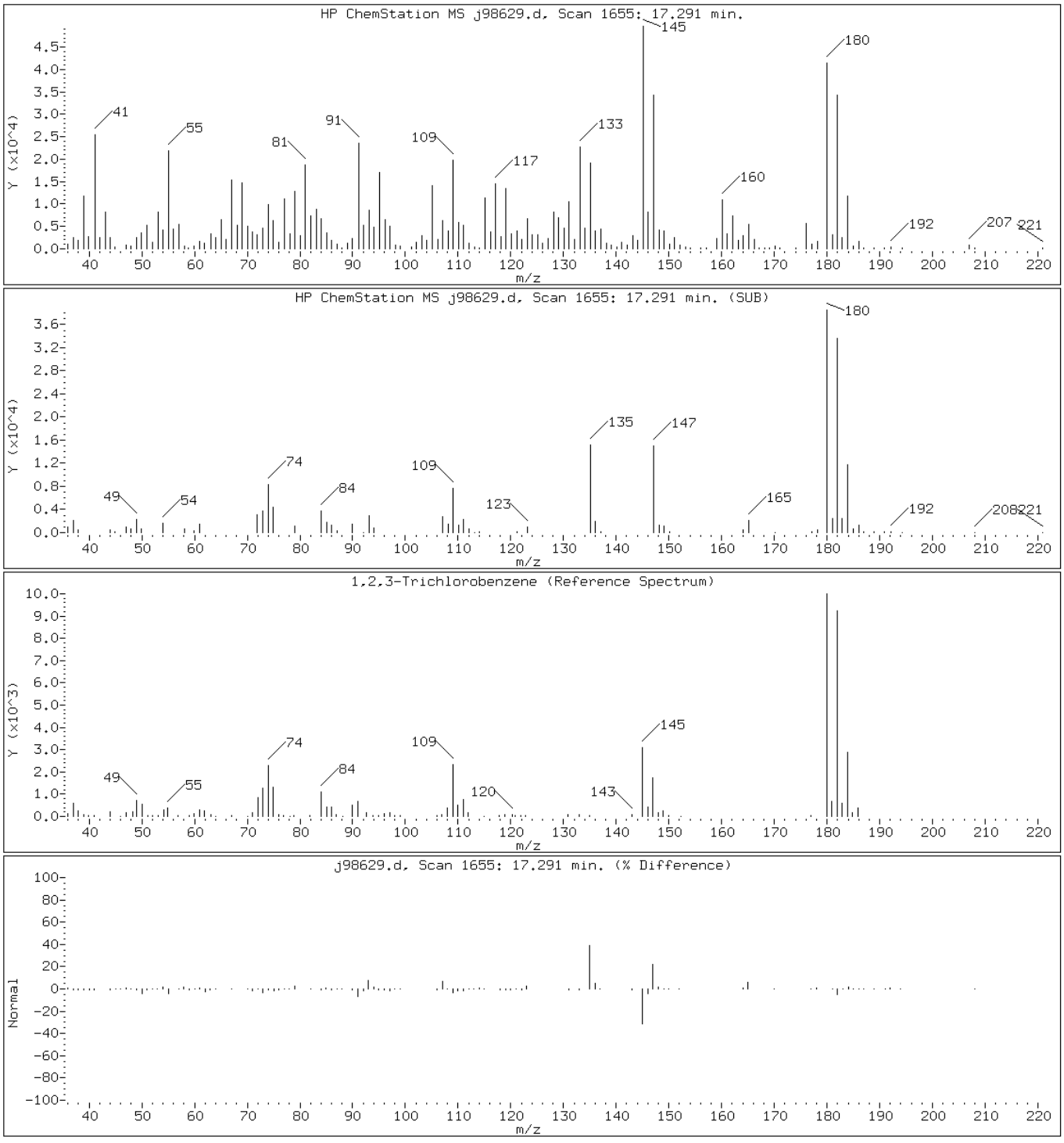
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

117 1,2,3-Trichlorobenzene



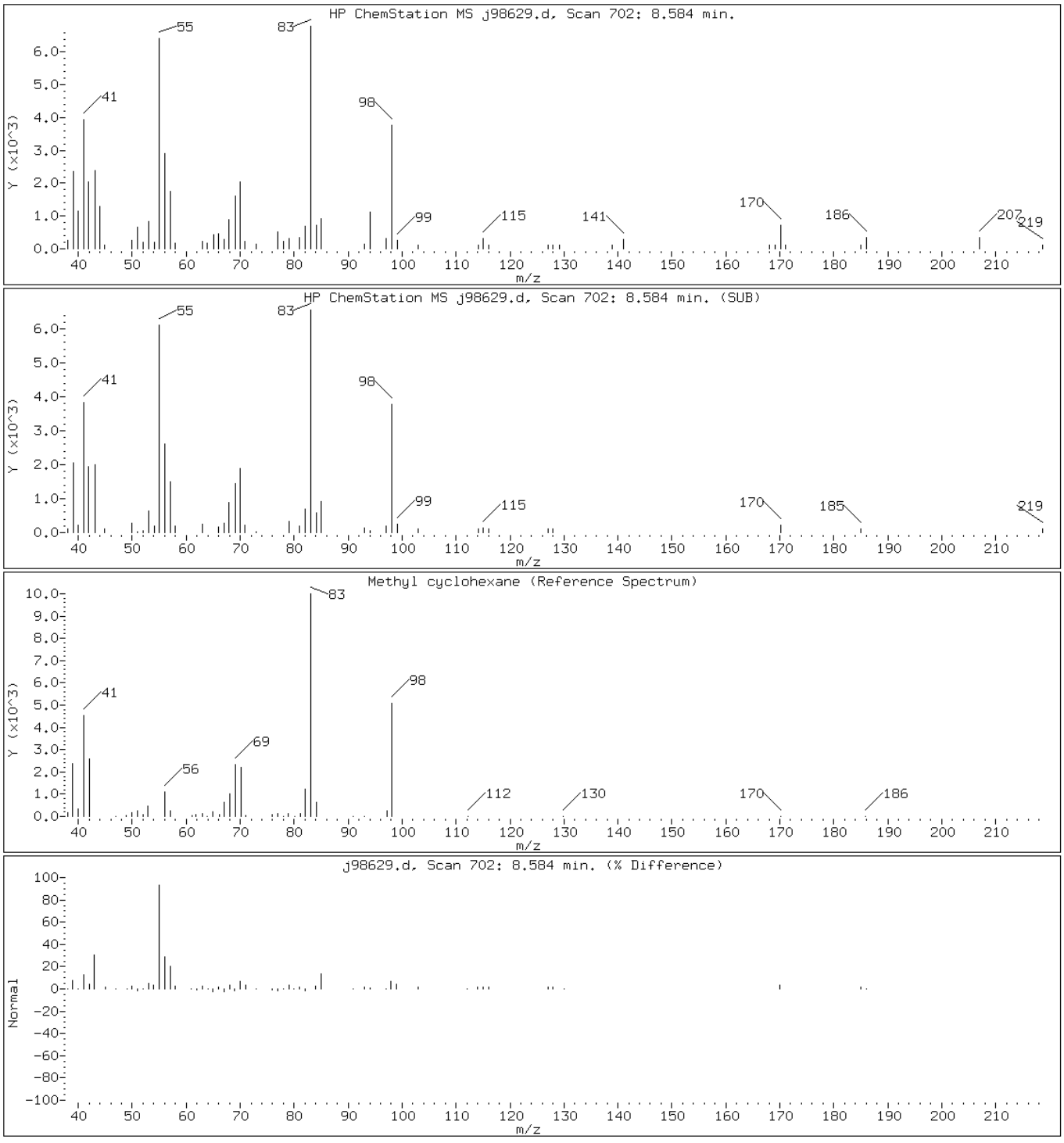
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

56 Methyl cyclohexane



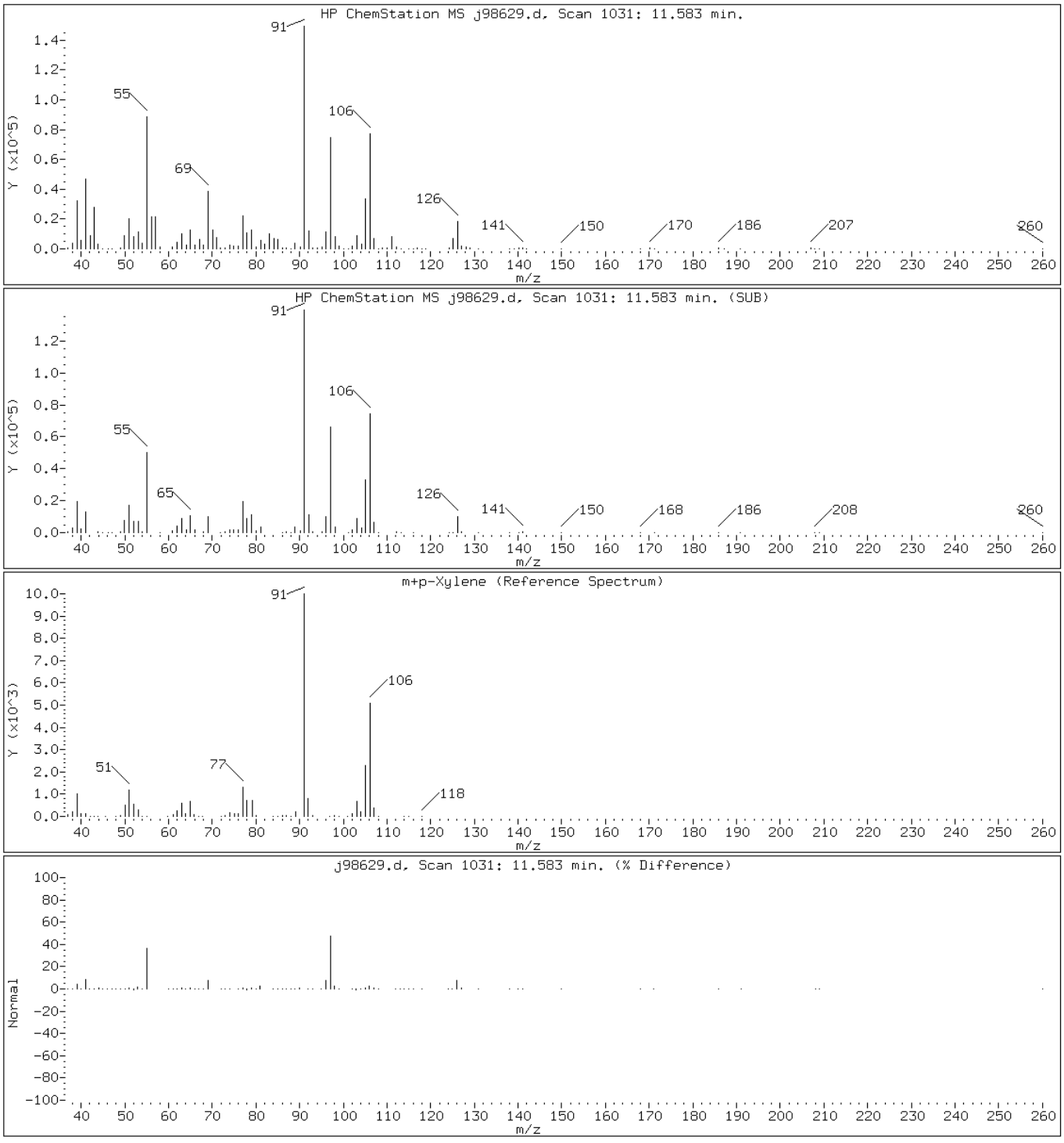
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

82 m+p-Xylene



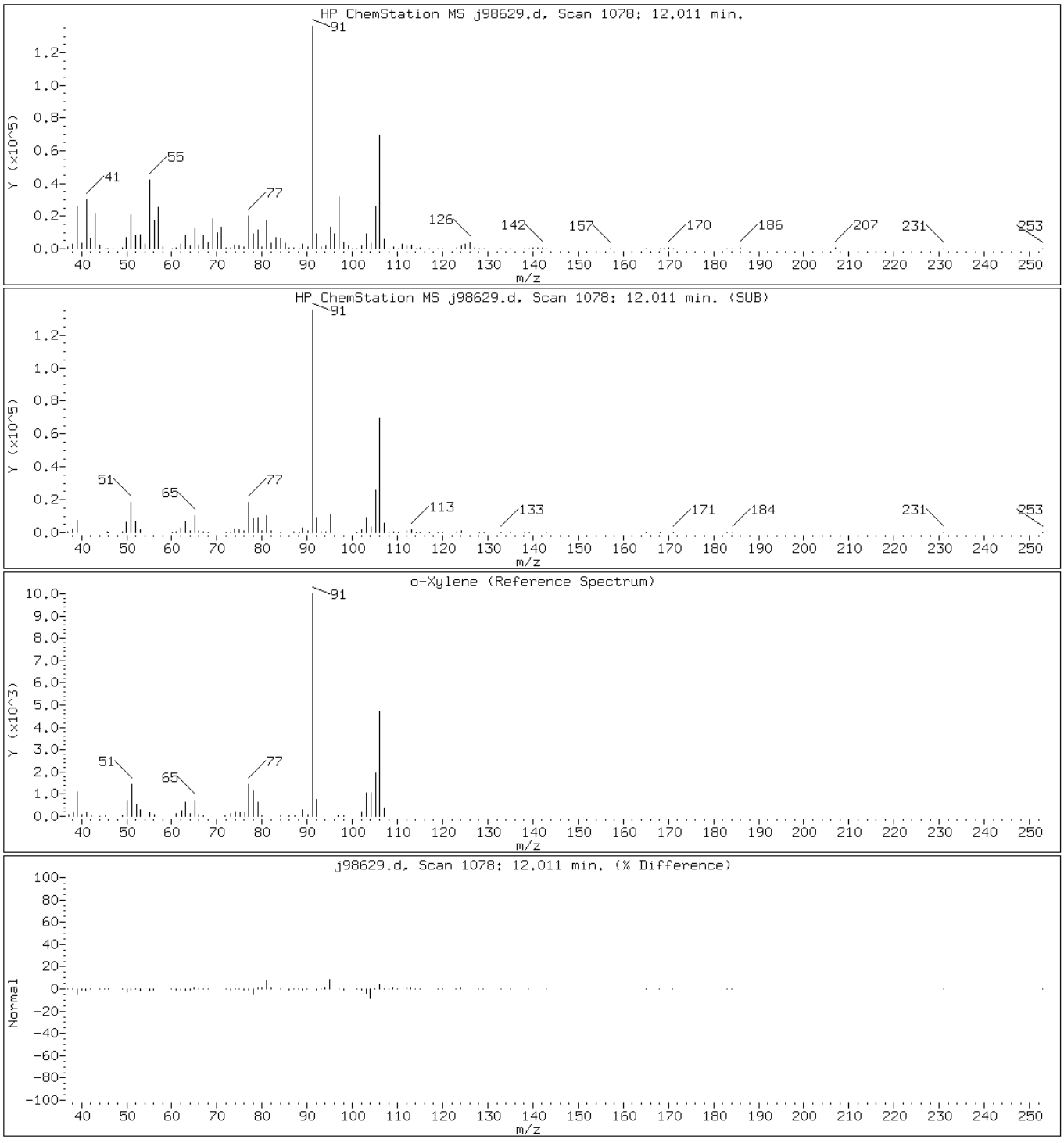
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

84 o-Xylene



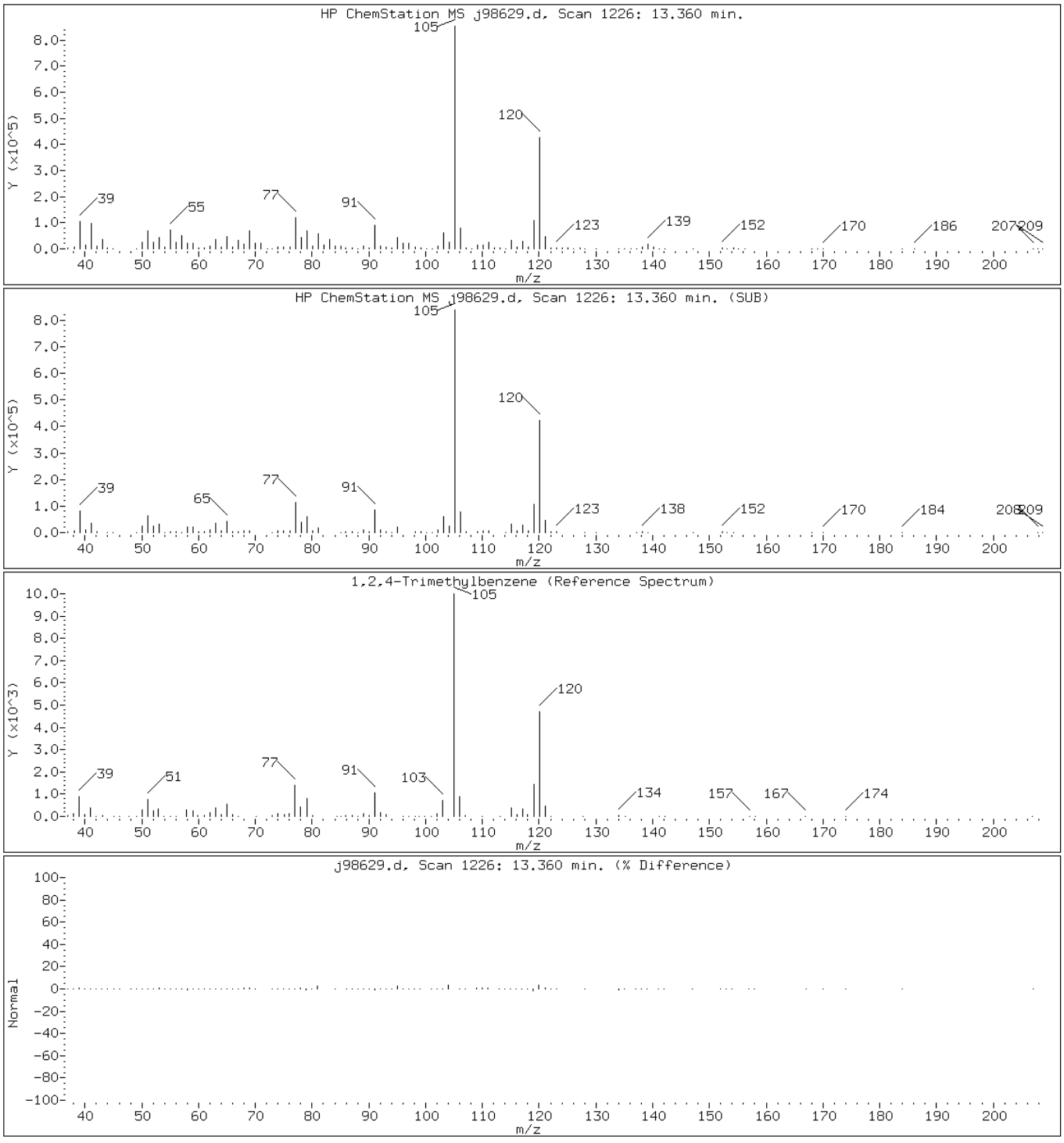
Data File: j98629.d

Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

101 1,2,4-Trimethylbenzene



Data File: j98629.d

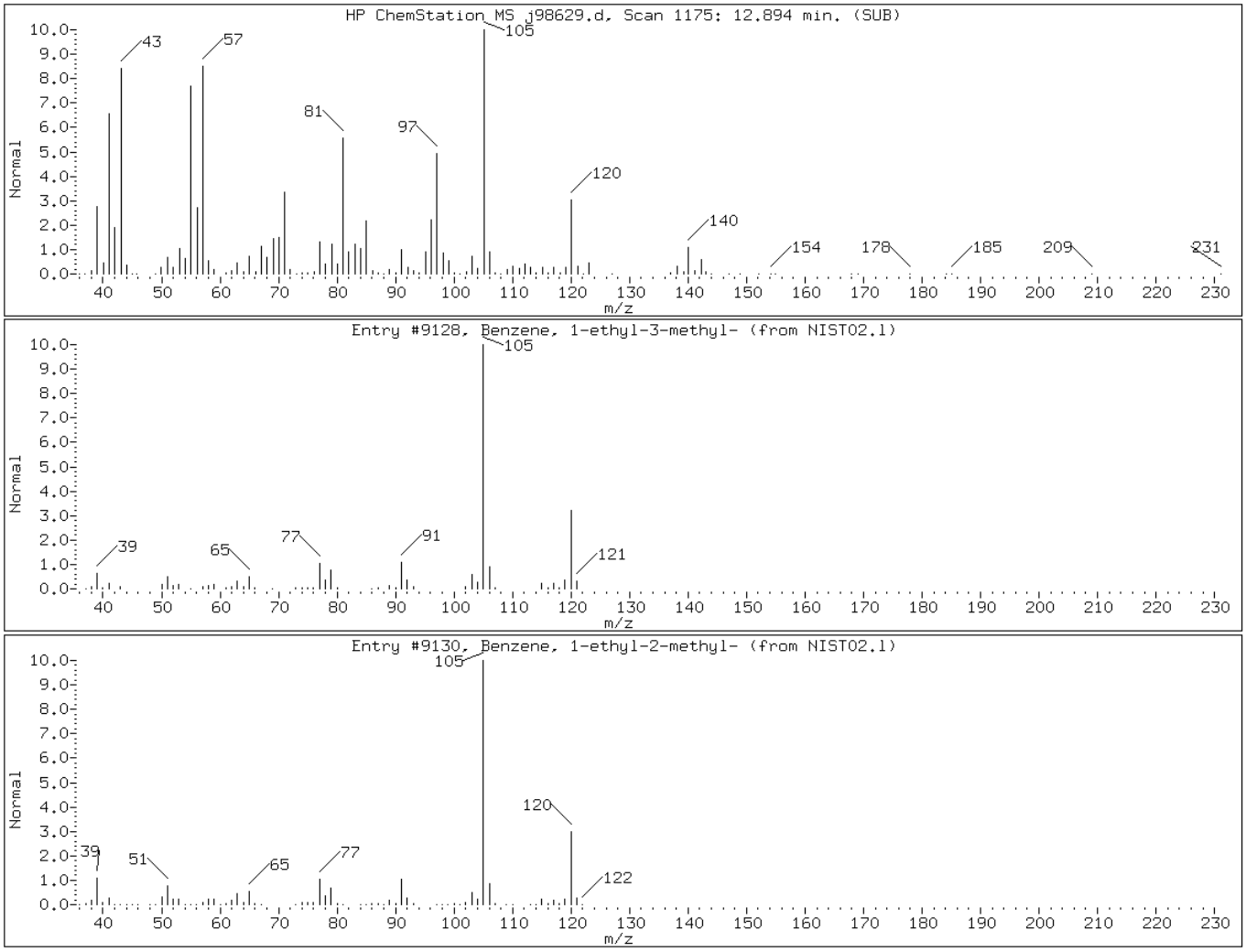
Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

Retention Time: 12.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9128	56	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9130	56	C9H12	120



Data File: j98629.d

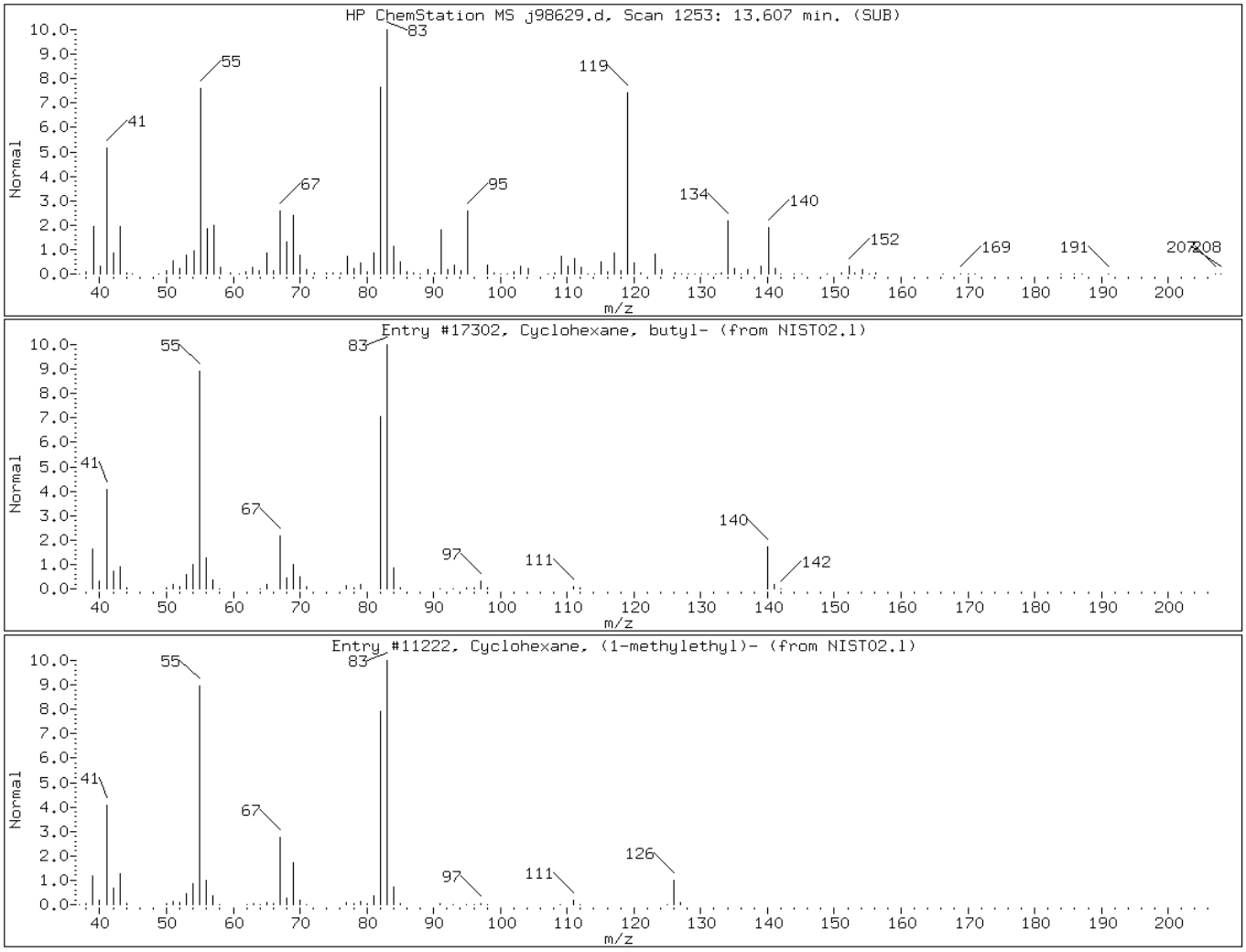
Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

Retention Time: 13.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-1						
Cyclohexane, butyl-	1678-93-9	NIST02.l	17302	60	C10H20	140
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11222	47	C9H18	126



Data File: j98629.d

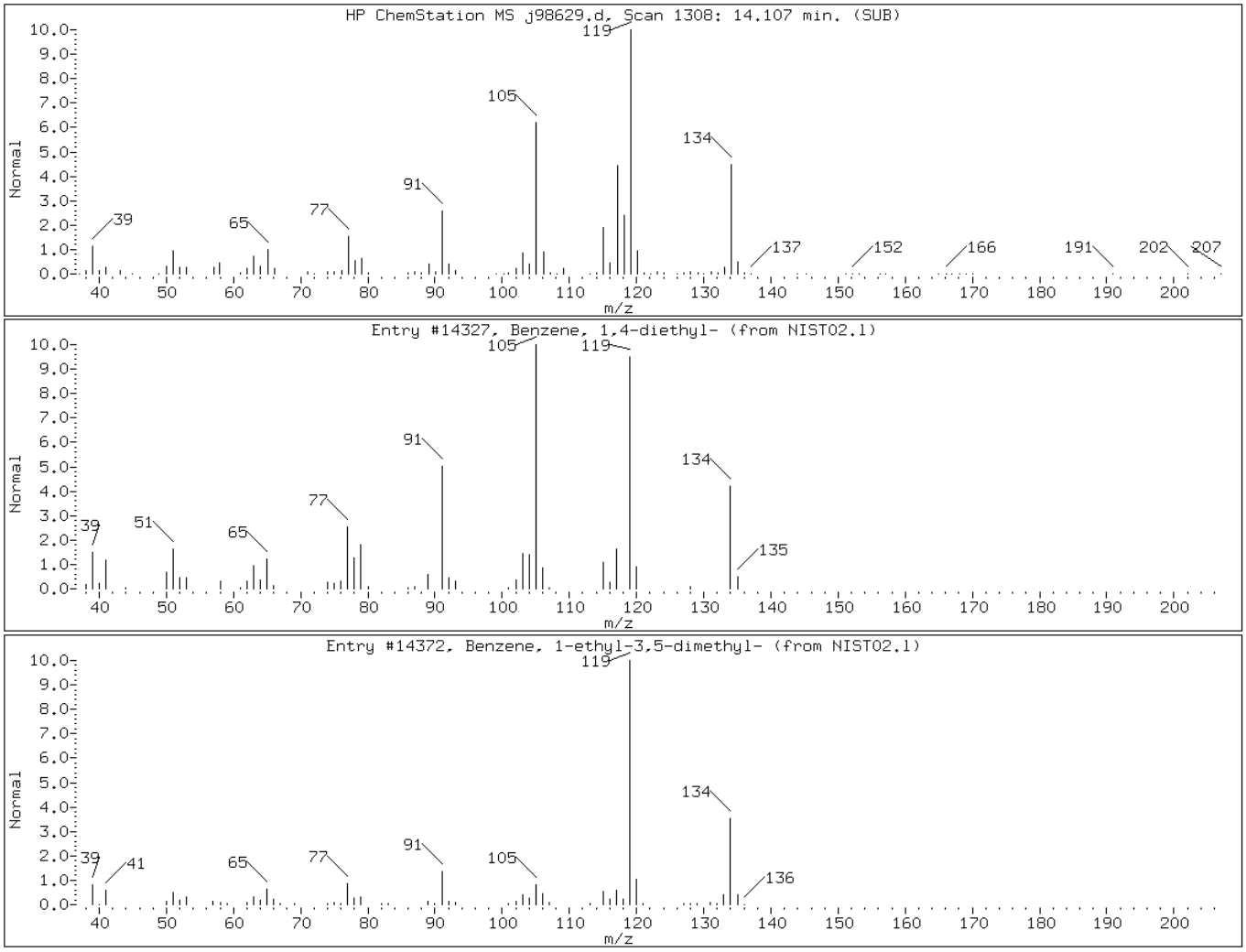
Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

Retention Time: 14.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14327	70	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14372	70	C10H14	134



Data File: j98629.d

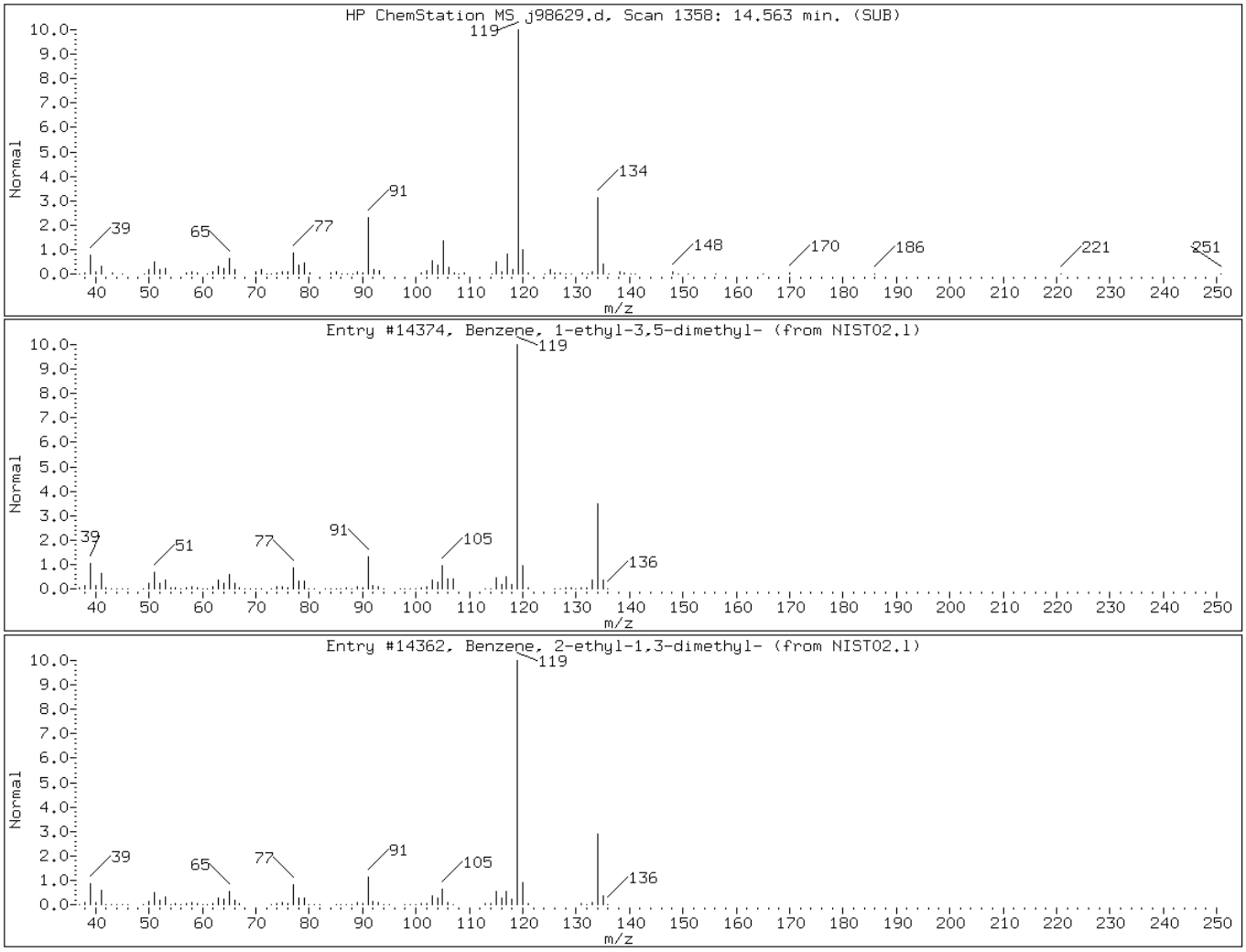
Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

Retention Time: 14.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14374	91	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14362	91	C10H14	134



Data File: j98629.d

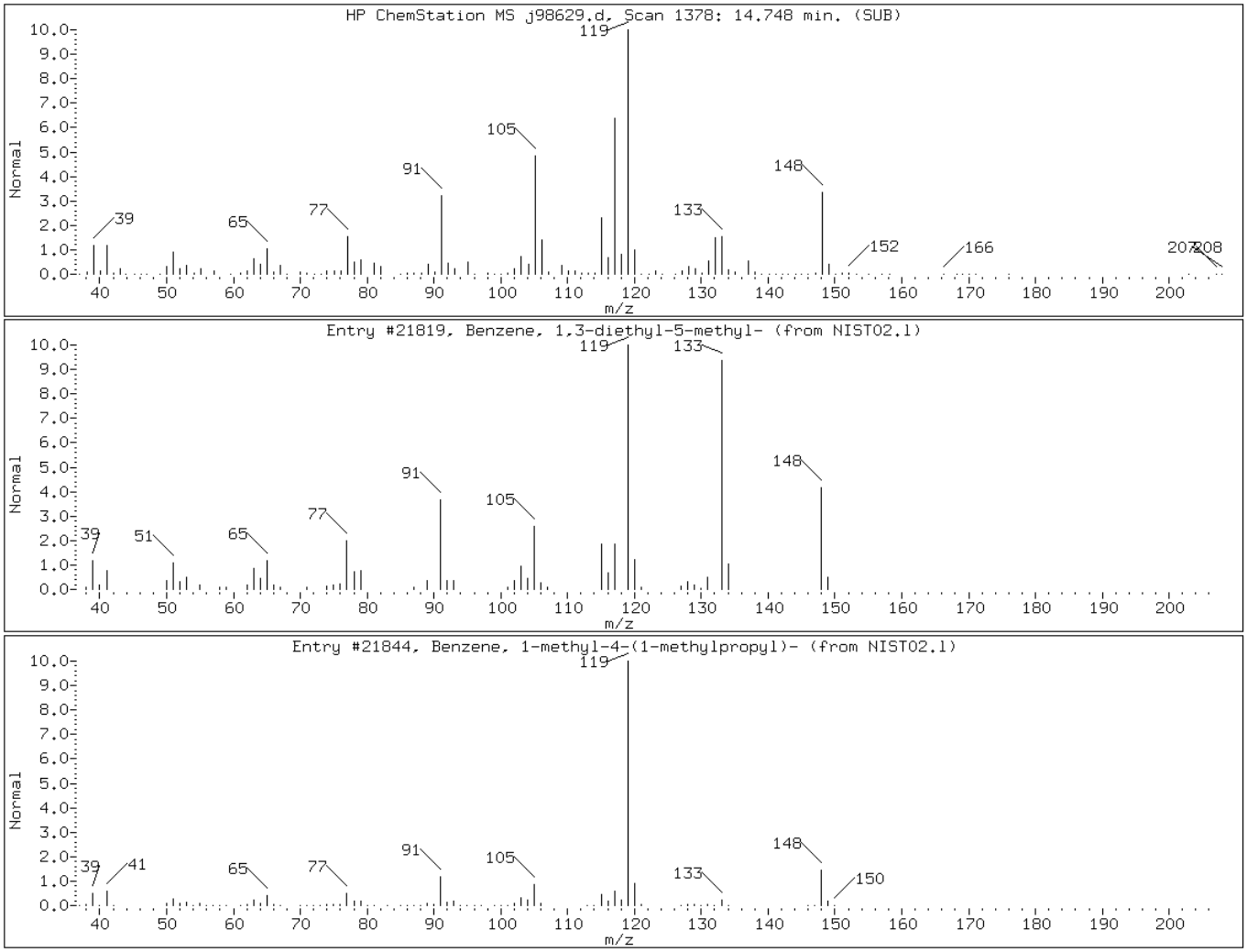
Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

Retention Time: 14.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	58	C11H16	148
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	53	C11H16	148



Data File: j98629.d

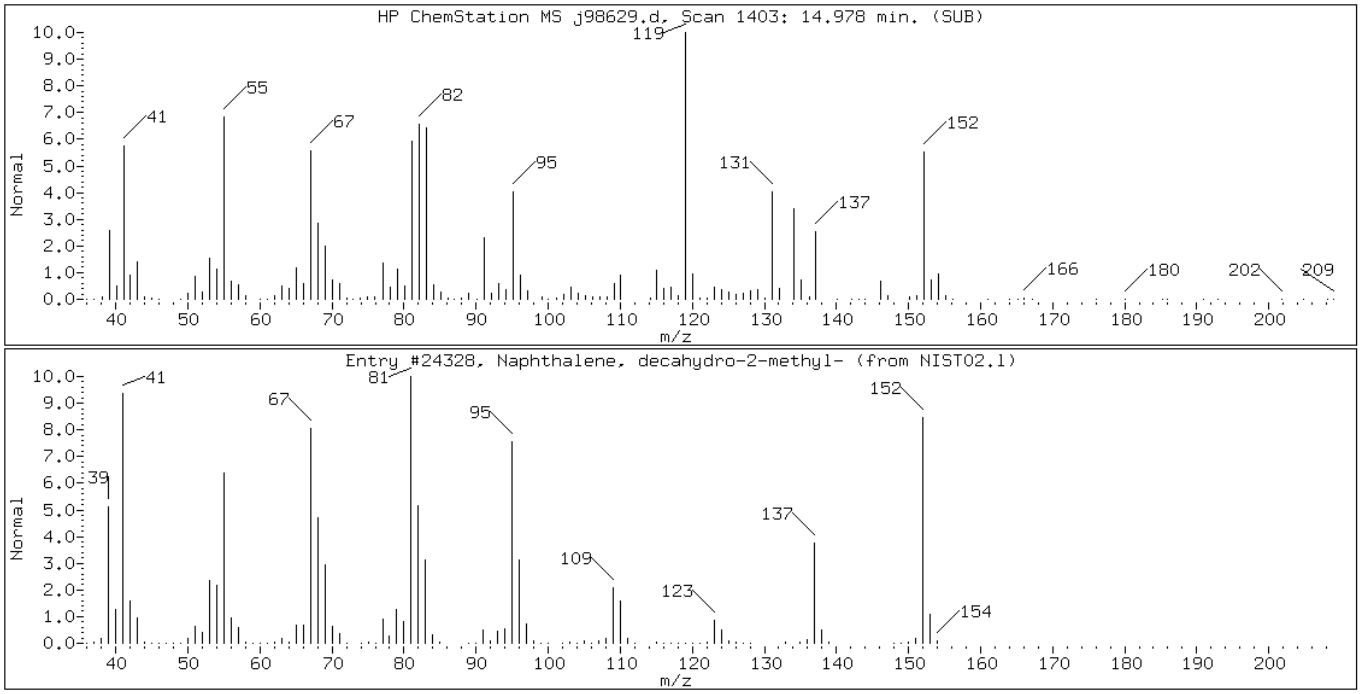
Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

Retention Time: 14.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	58	C11H20	152



Data File: j98629.d

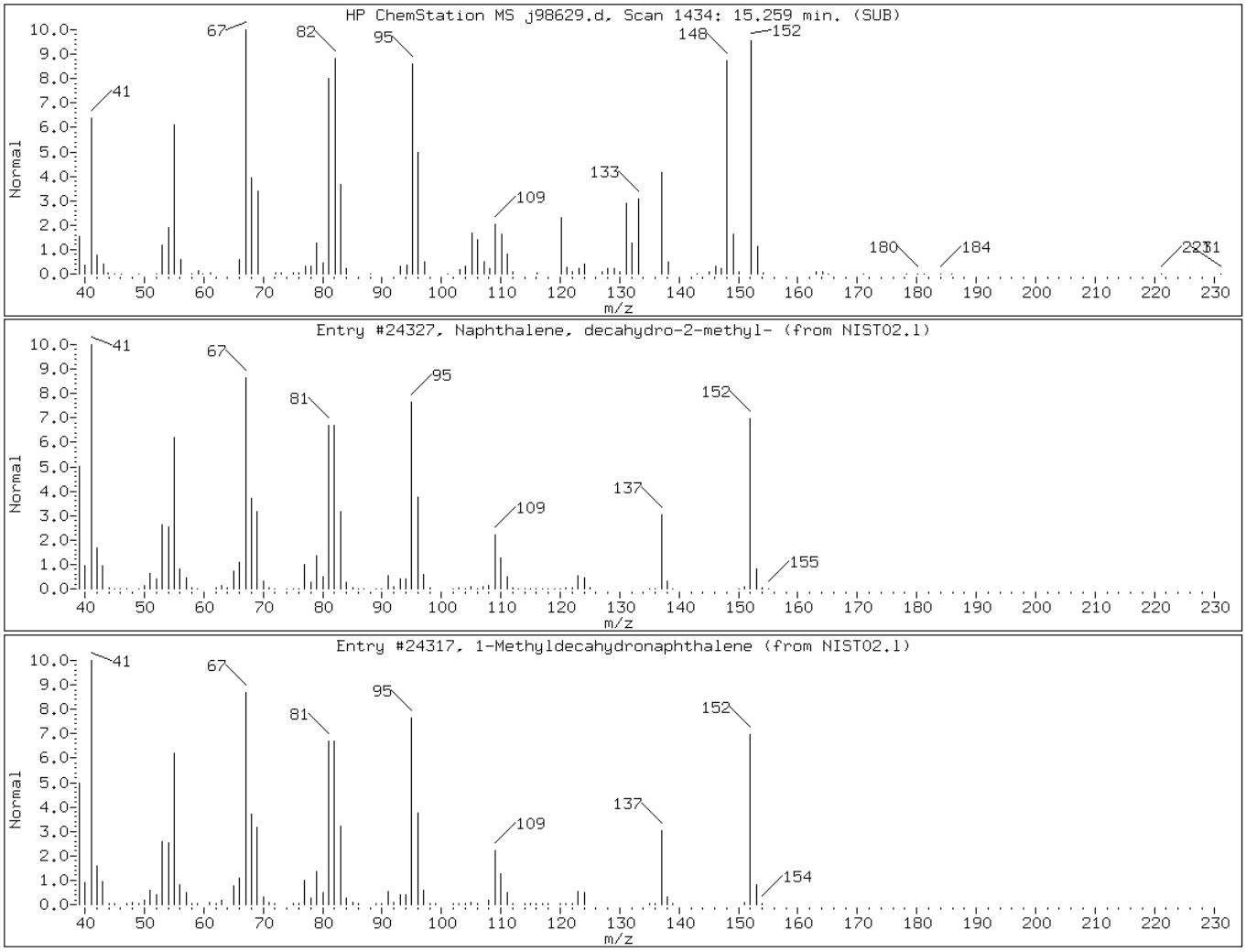
Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

Retention Time: 15.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	83	C11H20	152
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	83	C11H20	152



Data File: j98629.d

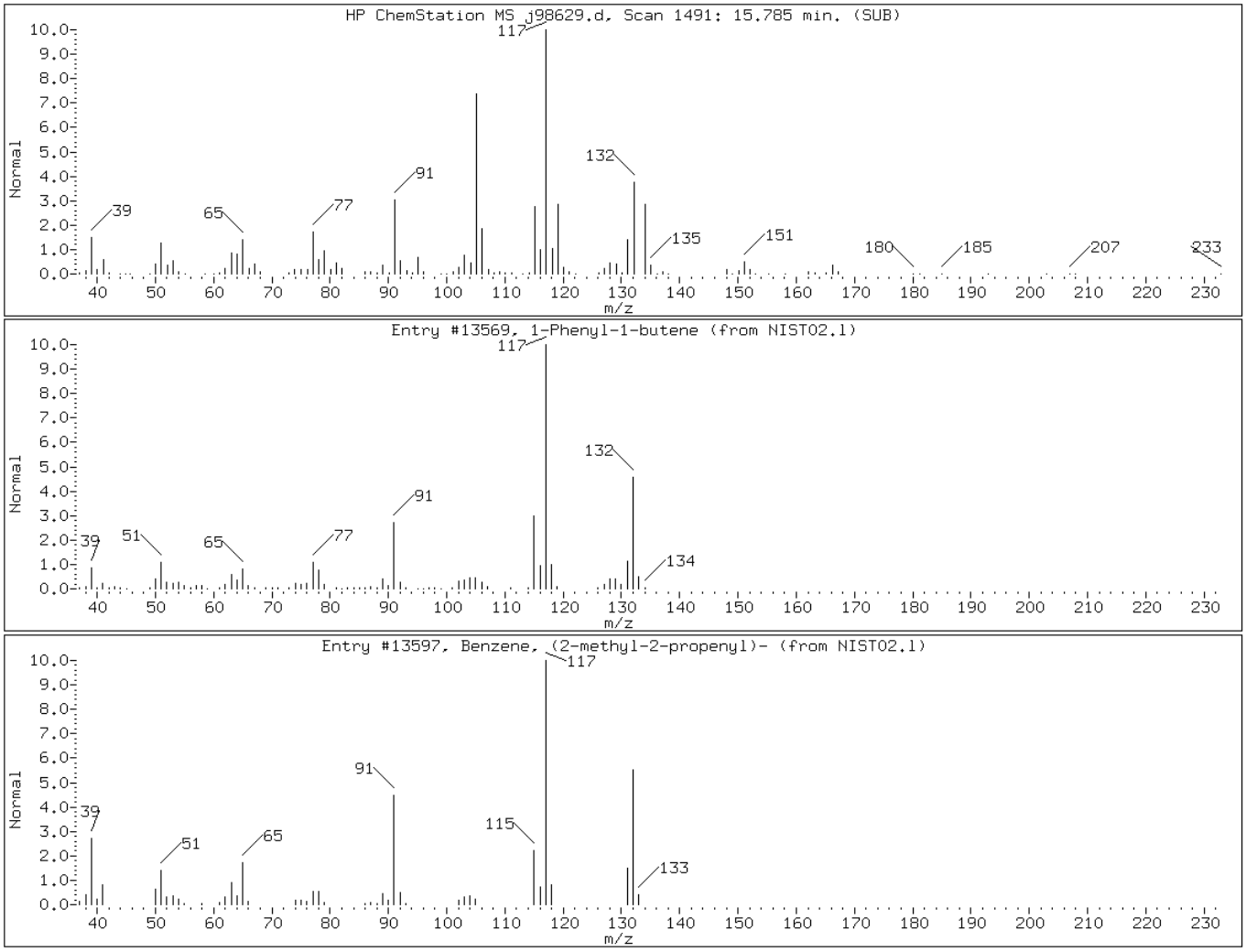
Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

Retention Time: 15.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-2						
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	91	C10H12	132
Benzene, (2-methyl-2-propenyl)-	3290-53-7	NIST02.l	13597	90	C10H12	132



Data File: j98629.d

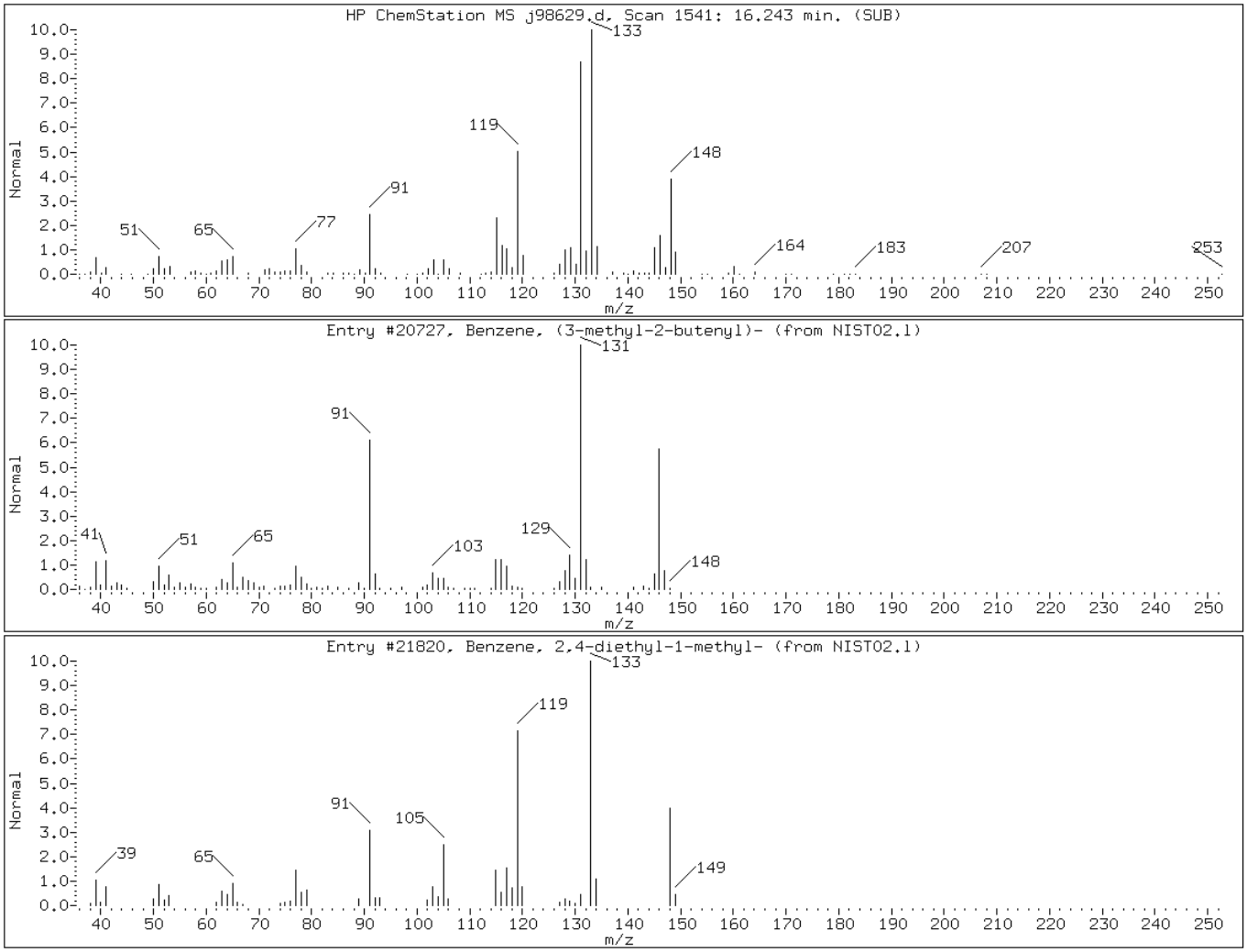
Date: 24-MAR-2011 16:31

Client ID: DUP-031711 (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-5-A;50;;5.87;5 Operator:

Retention Time: 16.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic						
Benzene, (3-methyl-2-butenyl)-	4489-84-3	NIST02.l	20727	70	C11H14	146
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.l	21820	55	C11H16	148



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (10.5-11) | Lab Sample ID: 460-24277-6

Matrix: Solid | Lab File ID: j98630.d

Analysis Method: 8260B | Date Collected: 03/17/2011 00:00

Sample wt/vol: 11.15(g) | Date Analyzed: 03/24/2011 17:03

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 13.3 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	26	U	26	5.4
74-83-9	Bromomethane	26	U	26	8.1
75-01-4	Vinyl chloride	26	U	26	3.1
75-00-3	Chloroethane	26	U	26	12
75-09-2	Methylene Chloride	26	U	26	5.0
67-64-1	Acetone	260	U	260	64
75-15-0	Carbon disulfide	26	U	26	3.8
75-69-4	Trichlorofluoromethane	26	U	26	4.1
75-35-4	1,1-Dichloroethene	26	U	26	3.6
75-34-3	1,1-Dichloroethane	26	U	26	2.6
156-60-5	trans-1,2-Dichloroethene	26	U	26	3.6
156-59-2	cis-1,2-Dichloroethene	23	J	26	5.0
67-66-3	Chloroform	26	U	26	4.0
78-93-3	2-Butanone	260	U	260	21
107-06-2	1,2-Dichloroethane	26	U	26	6.4
71-55-6	1,1,1-Trichloroethane	26	U	26	6.4
56-23-5	Carbon tetrachloride	26	U	26	4.7
71-43-2	Benzene	26	U	26	3.1
75-25-2	Bromoform	26	U	26	2.6
100-42-5	Styrene	26	U	26	3.6
100-41-4	Ethylbenzene	680		26	6.4
108-90-7	Chlorobenzene	68		26	4.3
110-82-7	Cyclohexane	18	J	26	3.2
98-82-8	Isopropylbenzene	280		26	5.5
591-78-6	2-Hexanone	260	U	260	14
1634-04-4	MTBE	26	U	26	4.8
76-13-1	Freon TF	26	U	26	7.4
79-20-9	Methyl acetate	52	U	52	8.5
123-91-1	1,4-Dioxane	1300	U	1300	220
79-01-6	Trichloroethene	26	U	26	4.6
108-88-3	Toluene	460		26	2.4
10061-02-6	trans-1,3-Dichloropropene	26	U	26	3.2
108-10-1	4-Methyl-2-pentanone	260	U	260	18
10061-01-5	cis-1,3-Dichloropropene	26	U	26	2.6
95-50-1	1,2-Dichlorobenzene	650		26	4.2
541-73-1	1,3-Dichlorobenzene	410		26	5.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (10.5-11) | Lab Sample ID: 460-24277-6

Matrix: Solid | Lab File ID: j98630.d

Analysis Method: 8260B | Date Collected: 03/17/2011 00:00

Sample wt/vol: 11.15(g) | Date Analyzed: 03/24/2011 17:03

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 13.3 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1300		26	3.9
120-82-1	1,2,4-Trichlorobenzene	1800		26	11
87-61-6	1,2,3-Trichlorobenzene	1200		26	22
78-87-5	1,2-Dichloropropane	26	U	26	2.3
108-87-2	Methylcyclohexane	120		26	2.1
127-18-4	Tetrachloroethene	26	U	26	5.1
1330-20-7	Xylenes, Total	2600		78	11
96-12-8	1,2-Dibromo-3-Chloropropane	26	U	26	4.0
79-34-5	1,1,2,2-Tetrachloroethane	26	U	26	2.2
79-00-5	1,1,2-Trichloroethane	26	U	26	2.5
124-48-1	Dibromochloromethane	26	U	26	2.6
106-93-4	1,2-Dibromoethane	26	U	26	2.4
75-71-8	Dichlorodifluoromethane	26	U	26	7.3
74-97-5	Bromochloromethane	26	U	26	4.5
75-27-4	Bromodichloromethane	26	U	26	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		57-135
2037-26-5	Toluene-d8 (Surr)	69		46-130
460-00-4	Bromofluorobenzene	87		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (10.5-11) Lab Sample ID: 460-24277-6

Matrix: Solid Lab File ID: j98630.d

Analysis Method: 8260B Date Collected: 03/17/2011 00:00

Sample wt/vol: 11.15(g) Date Analyzed: 03/24/2011 17:03

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 13.3 Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 60200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C10H22 Alkane/C9H12 Aromatic	12.89	7400	J
95-63-6	1,2,4-Trimethylbenzene	13.36	3800	
	Diethylbenzene isomer	14.11	12000	J
	Unknown Hydrocarbon	14.36	4600	J
	Ethyldimethylbenzene isomer	14.47	3300	J
	Diethylmethylbenzene isomer	14.74	5800	J
	Decahydromethylnaphthalene isomer	15.26	4000	J
	Coeluting Aromatics	15.77	10000	J
	2,3-dihydro-dimethyl-1H-Indene isomer	16.25	3600	J
91-20-3	Naphthalene	16.86	5700	

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98630.d
Report Date: 25-Mar-2011 14:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98630.d
Lab Smp Id: 460-24277-B-6-A Client Smp ID: DUP-031711 (10.5-11
Inj Date : 24-MAR-2011 17:03
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-6-A;50;;11.15;5
Misc Info : 460-24277-B-6-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 15
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	11.15000	Weight of sample extracted (g)
M	13.29787	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	36 cis-1,2-Dichloroethene	96	6.411	6.415	(0.812)	10363	0.90723	23(a)
	44 Cyclohexane	56	7.149	7.136	(0.905)	9421	0.70836	18(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.496	7.474	(0.949)	349565	39.7961	1000
*	52 Fluorobenzene	96	7.899	7.883	(1.000)	1385462	50.0000	
	56 Methyl cyclohexane	83	8.579	8.560	(1.086)	47238	4.77210	120
$	65 Toluene-d8 (SUR)	98	9.762	9.748	(0.860)	848197	34.3548	890
	66 Toluene	91	9.836	9.830	(0.867)	577354	17.6354	460
*	78 Chlorobenzene-d5	117	11.351	11.346	(1.000)	1055909	50.0000	
	79 Chlorobenzene	112	11.388	11.383	(1.003)	63234	2.63666	68
	81 Ethylbenzene	106	11.470	11.465	(1.011)	264063	26.3295	680
	82 m+p-Xylene	106	11.581	11.583	(1.020)	906166	65.5580	1700
	84 o-Xylene	106	12.009	12.003	(1.058)	464581	33.7872	870
	88 Isopropylbenzene	105	12.367	12.366	(1.090)	339158	10.9749	280
$	89 Bromofluorobenzene (SUR)	174	12.548	12.550	(0.910)	478310	43.5899	1100

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98630.d
Report Date: 25-Mar-2011 14:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	95 n-Propylbenzene	91	12.786	12.781	(0.928)	547822	16.2448	420
	97 1,3,5-Trimethylbenzene	105	12.943	12.946	(0.939)	1637486	70.9007	1800
	101 1,2,4-Trimethylbenzene	105	13.363	13.359	(0.969)	3760109	147.445	3800
	103 sec-Butylbenzene	105	13.547	13.552	(0.983)	723875	22.6249	580
	105 1,3-Dichlorobenzene	146	13.719	13.717	(0.995)	257551	15.7669	410
	107 p-Isopropyltoluene	119	13.627	13.690	(0.989)	1808294	67.6053	1700
*	108 1,4-Dichlorobenzene-d4	152	13.784	13.789	(1.000)	578279	50.0000	
	109 1,4-Dichlorobenzene	146	13.812	13.815	(1.002)	1074382	51.2820	1300
	111 1,2-Dichlorobenzene	146	14.265	14.259	(1.035)	453934	24.9602	640
	114 1,2,4-Trichlorobenzene	180	16.416	16.417	(1.191)	756529	69.0155	1800
	116 Naphthalene	128	16.859	16.868	(1.223)	4767122	221.602	5700
	117 1,2,3-Trichlorobenzene	180	17.275	17.287	(1.253)	397081	48.3313	1200
M	120 1,2-Dichloroethene (Total)	100				10363	0.96509	25(a)
M	121 Xylene (Total)	100				1370747	99.3452	2600

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98630.d
Report Date: 25-Mar-2011 14:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98630.d
Lab Smp Id: 460-24277-B-6-A Client Smp ID: DUP-031711 (10.5-11
Inj Date : 24-MAR-2011 17:03
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-6-A;50;;11.15;5
Misc Info : 460-24277-B-6-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 15
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	11.15000	Weight of sample extracted (g)
M	13.29787	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.351	3523745	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
12.211	3311247	46.9847547	1200	0		0	78
C10H22 Alkane/C9H12 Aromatic					CAS #:		
12.888	20083413	284.972504	7400	0		0	78(L)

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98630.d
Report Date: 25-Mar-2011 14:16

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylmethylbenzene isomer					CAS #:		
13.188	6884111	97.6817185	2500	0		0	78(L)
Diethylbenzene isomer					CAS #:		
14.111	31763263	450.703094	12000	0		0	78(L)
Unknown Hydrocarbon					CAS #:		
14.356	12455767	176.740428	4600	0		0	78(L)
Ethyldimethylbenzene isomer					CAS #:		
14.467	9052741	128.453374	3300	0		0	78
Ethyldimethylbenzene isomer-1					CAS #:		
14.558	7039868	99.8918275	2600	0		0	78
Diethylmethylbenzene isomer					CAS #:		
14.739	15838774	224.743424	5800	0		0	78
Unknown Cycloalkane					CAS #:		
14.976	7155050	101.526200	2600	0		0	78
Ethyldimethylbenzene isomer-2					CAS #:		
15.142	3021681	42.8759723	1100	0		0	78
Decahydromethylnaphthalene isomer					CAS #:		
15.262	10806351	153.336134	4000	0		0	78
Unknown					CAS #:		
15.436	3413899	48.4413351	1200	0		0	78
Coeluting Aromatics					CAS #:		
15.772	27118206	384.792314	10000	0		0	78
Tetrahydronaphthalene isomer					CAS #:		
16.069	2486467	35.2815954	910	0		0	78
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
16.250	9736977	138.162312	3600	0		0	78
Tetrahydromethylnaphthalene isomer					CAS #:		
17.859	3994277	56.6765816	1500	0		0	78
2,3-dihydro-dimethyl-1H-Indene isomer-1					CAS #:		
18.241	2302659	32.6734593	840	0		0	78

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98630.d
Report Date: 25-Mar-2011 14:16

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Naphthalene, 2-methyl-					CAS #: 91-57-6		
19.137	3041388	43.1556070	1100	96	NIST02.l	18501	78

QC Flag Legend

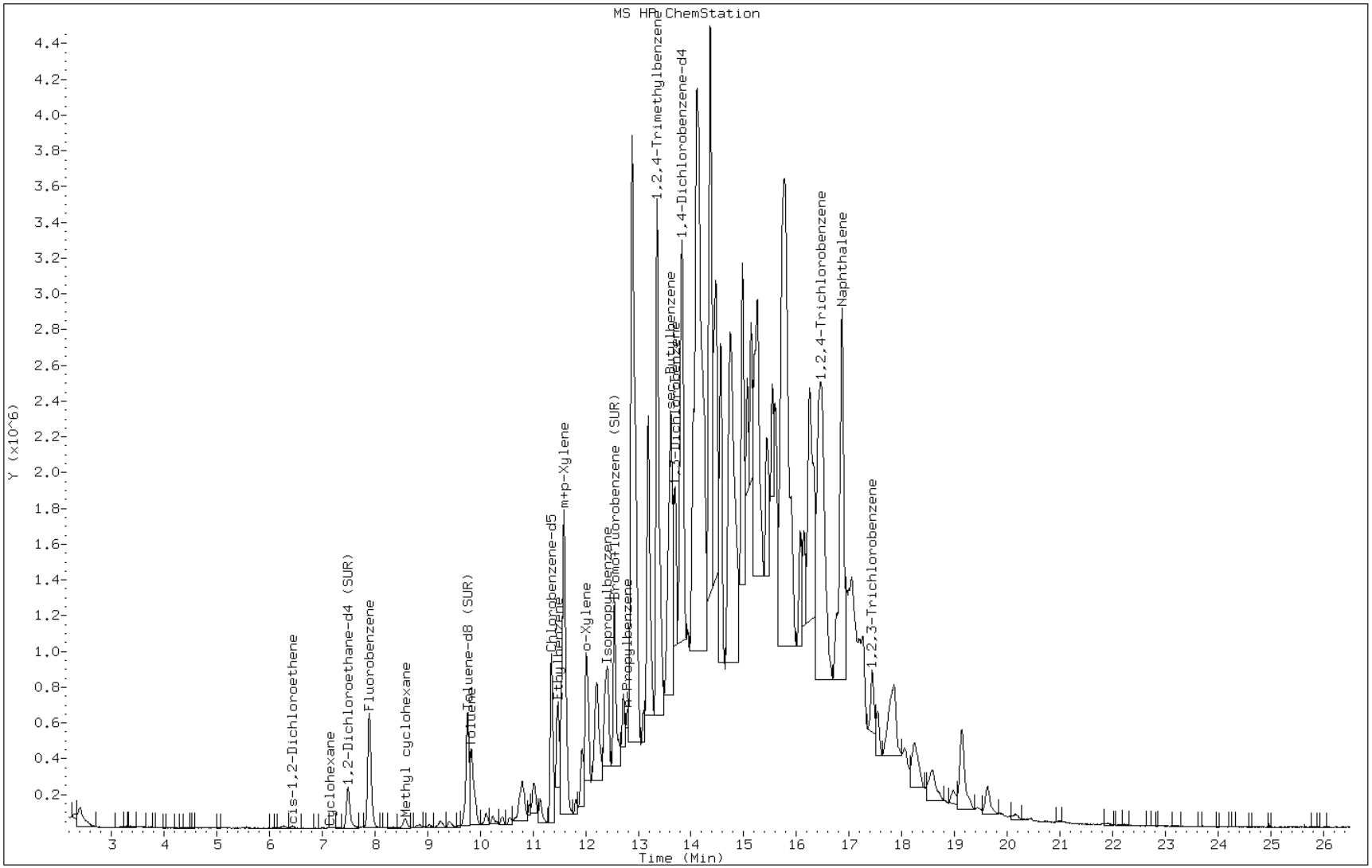
L - Operator selected an alternate library search match.

Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:



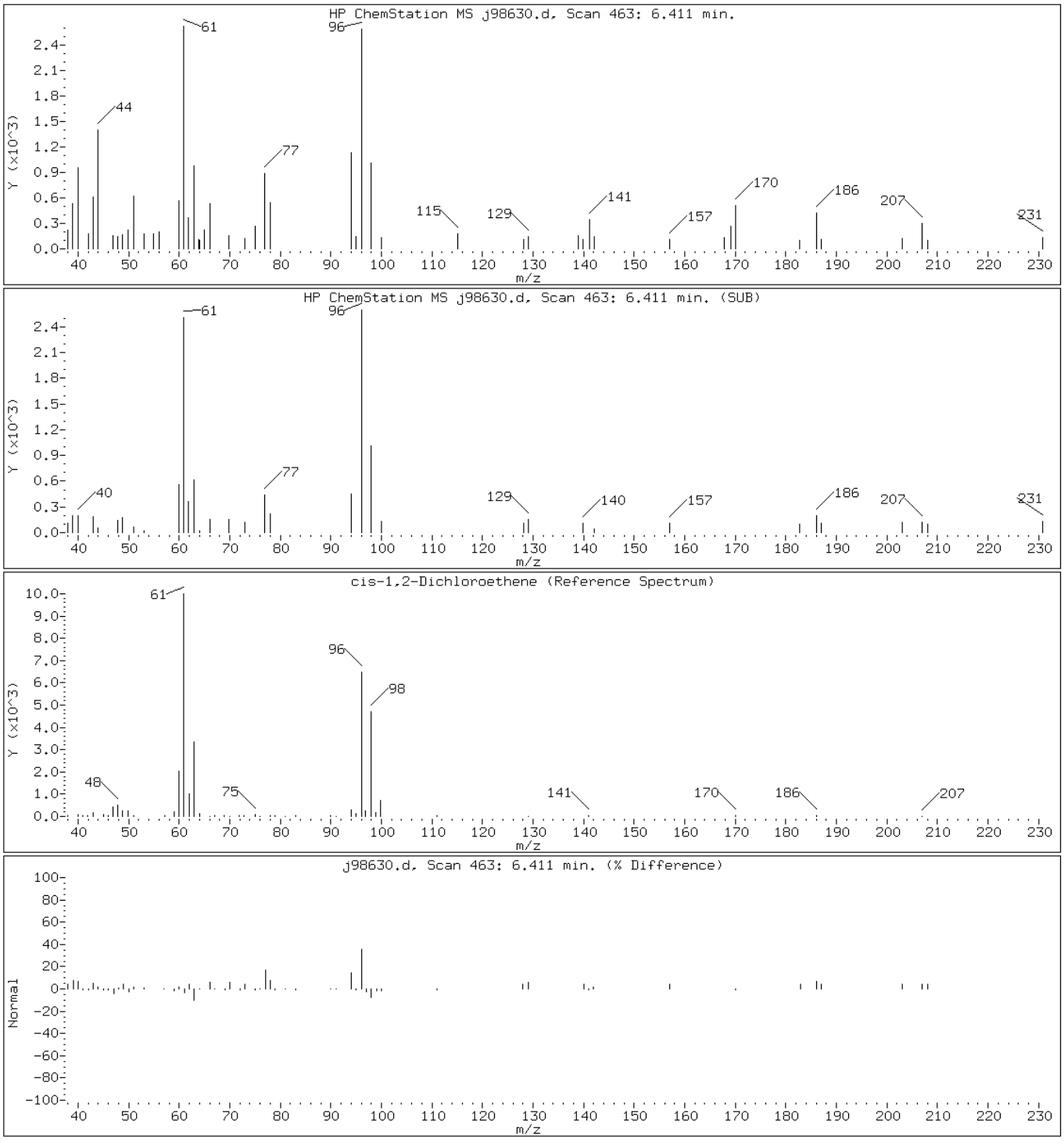
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

36 cis-1,2-Dichloroethene



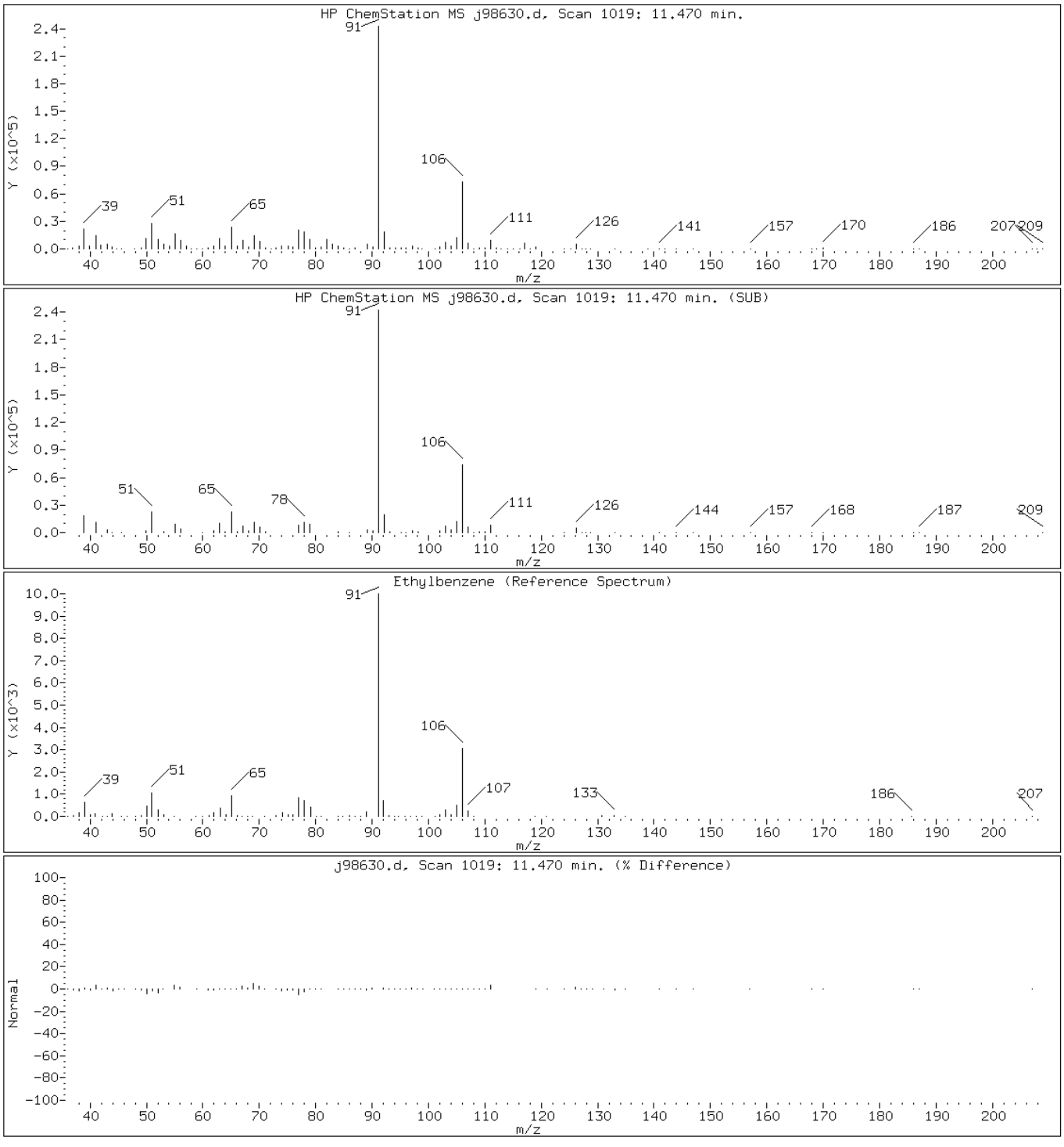
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

81 Ethylbenzene



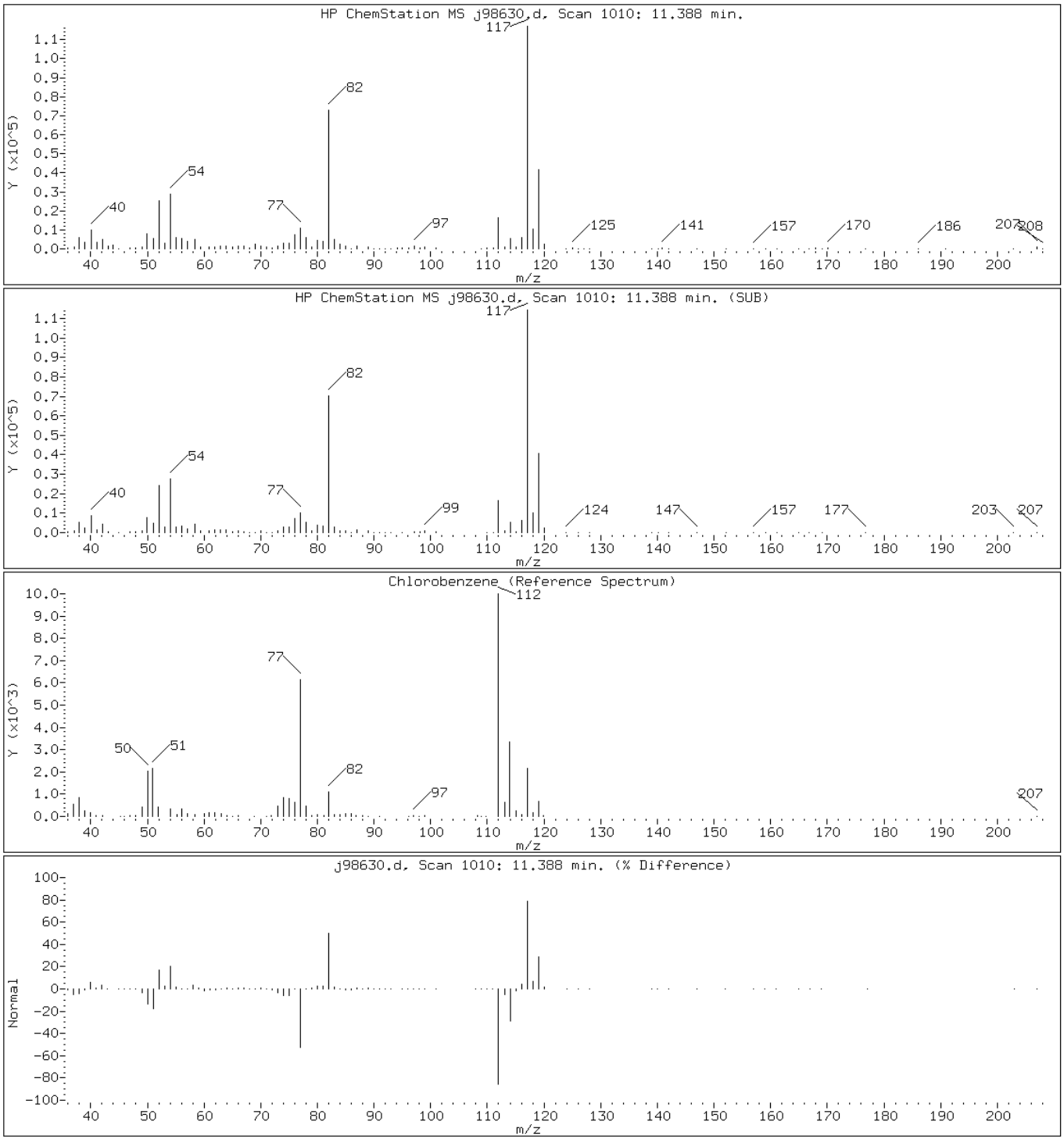
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

79 Chlorobenzene



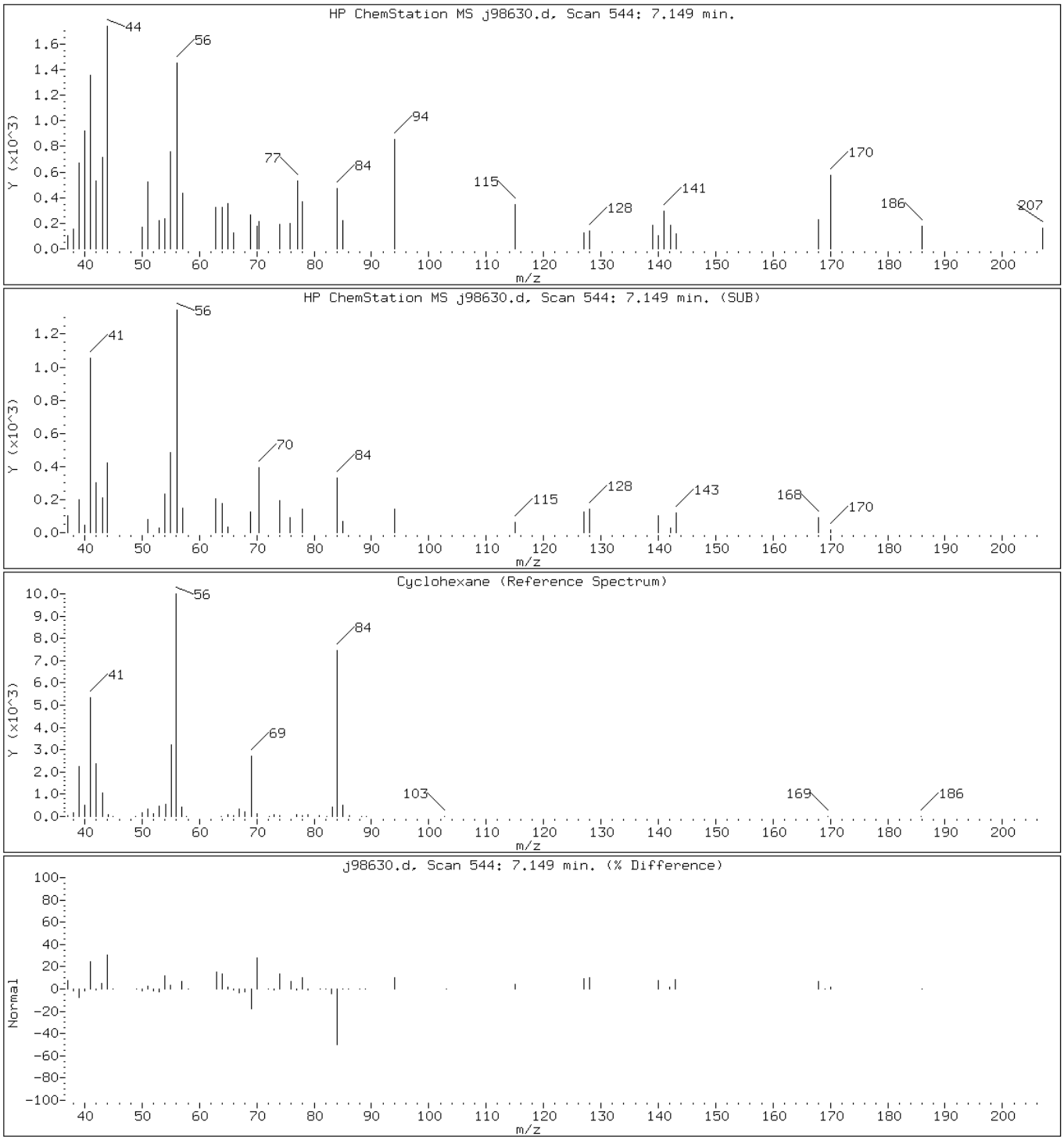
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

44 Cyclohexane



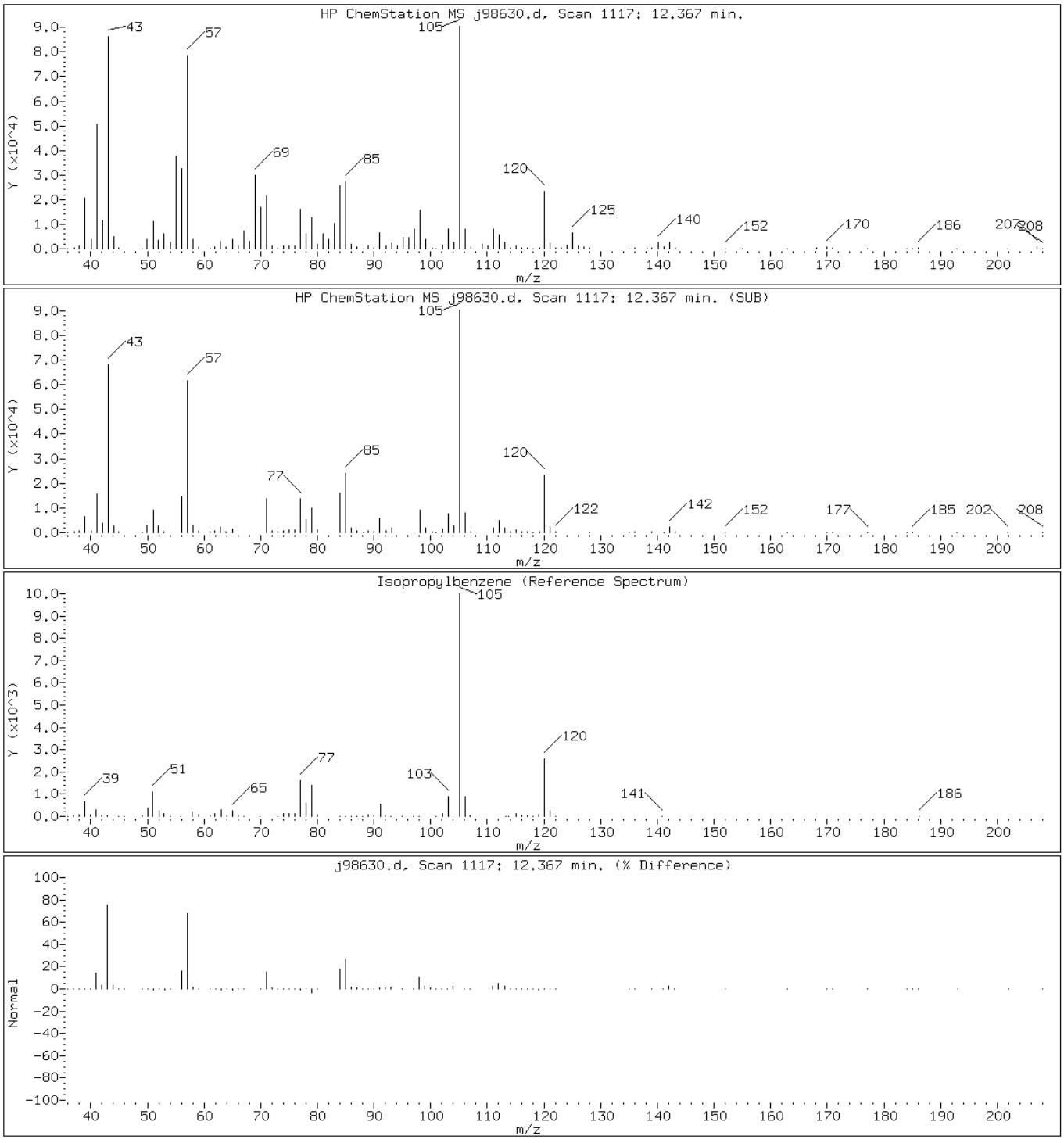
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

88 Isopropylbenzene



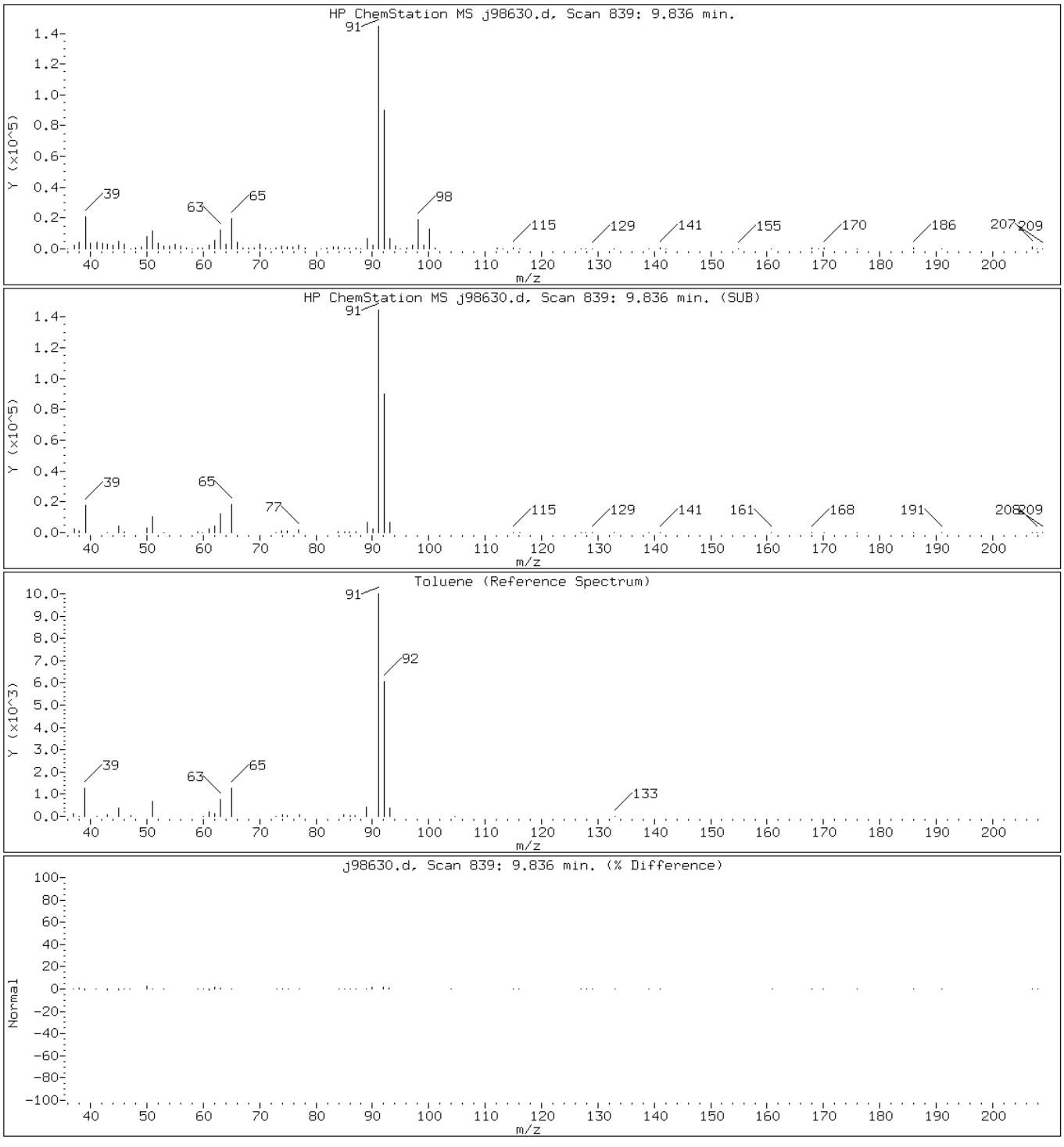
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

66 Toluene



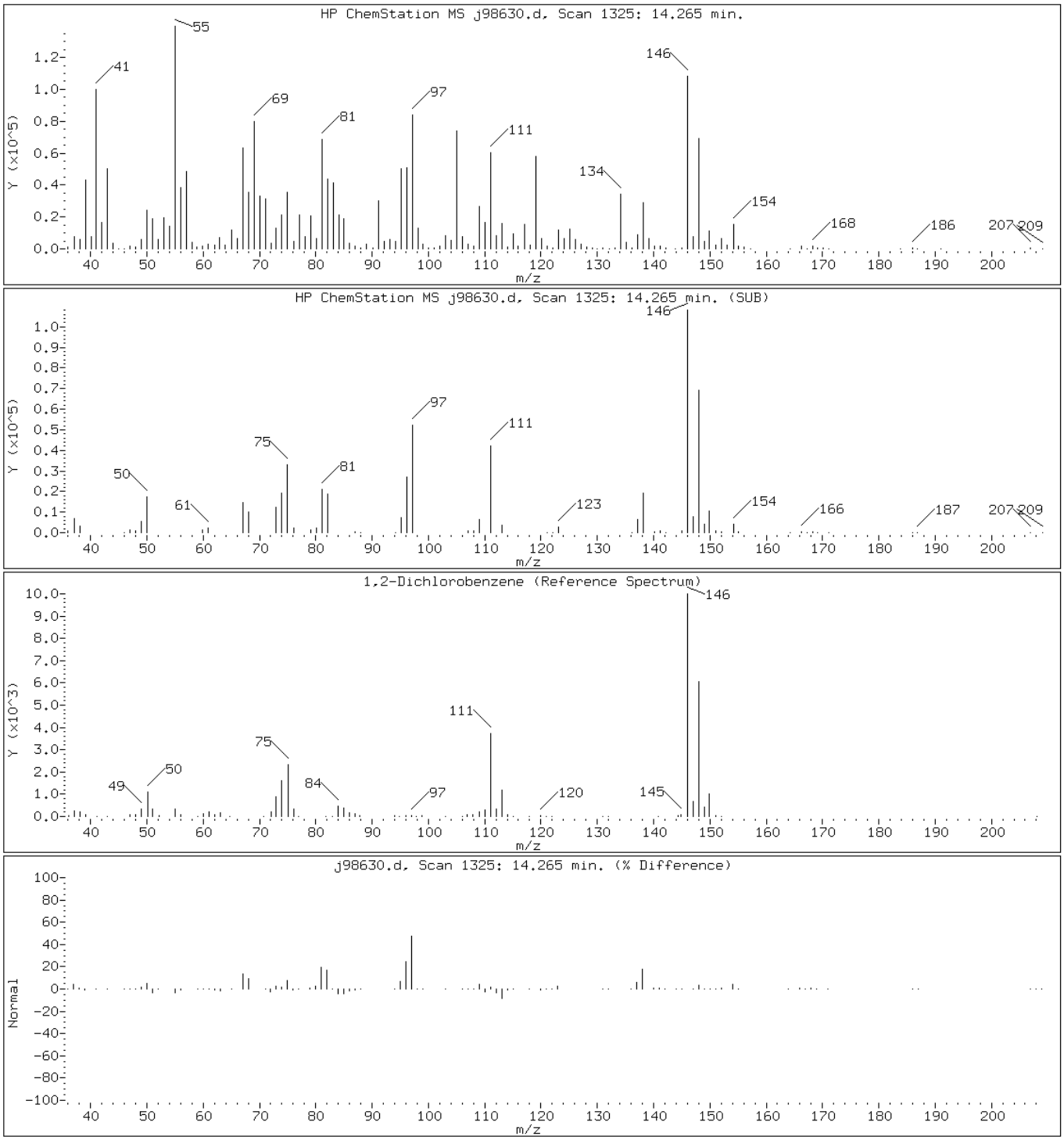
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

111 1,2-Dichlorobenzene



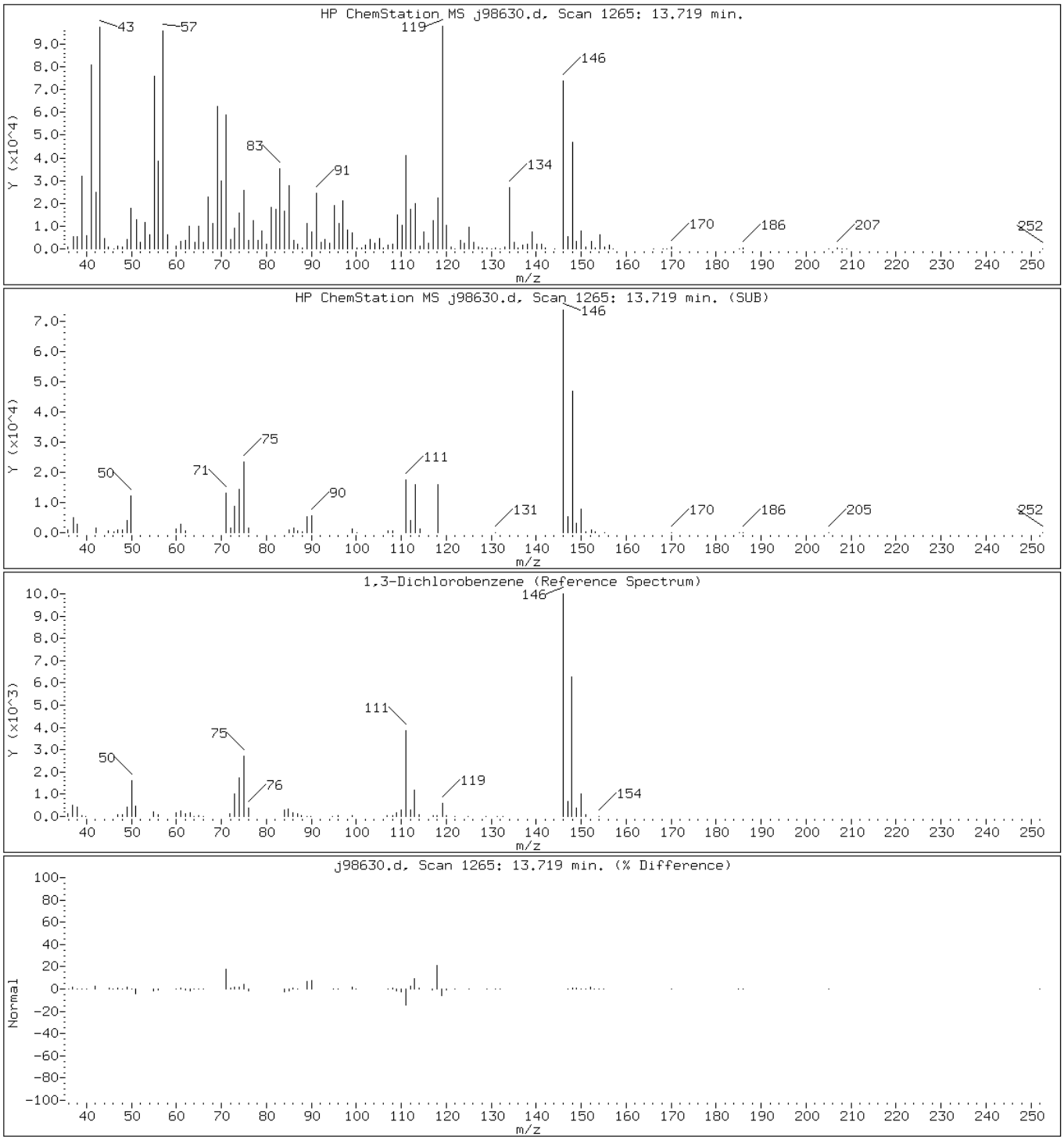
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

105 1,3-Dichlorobenzene



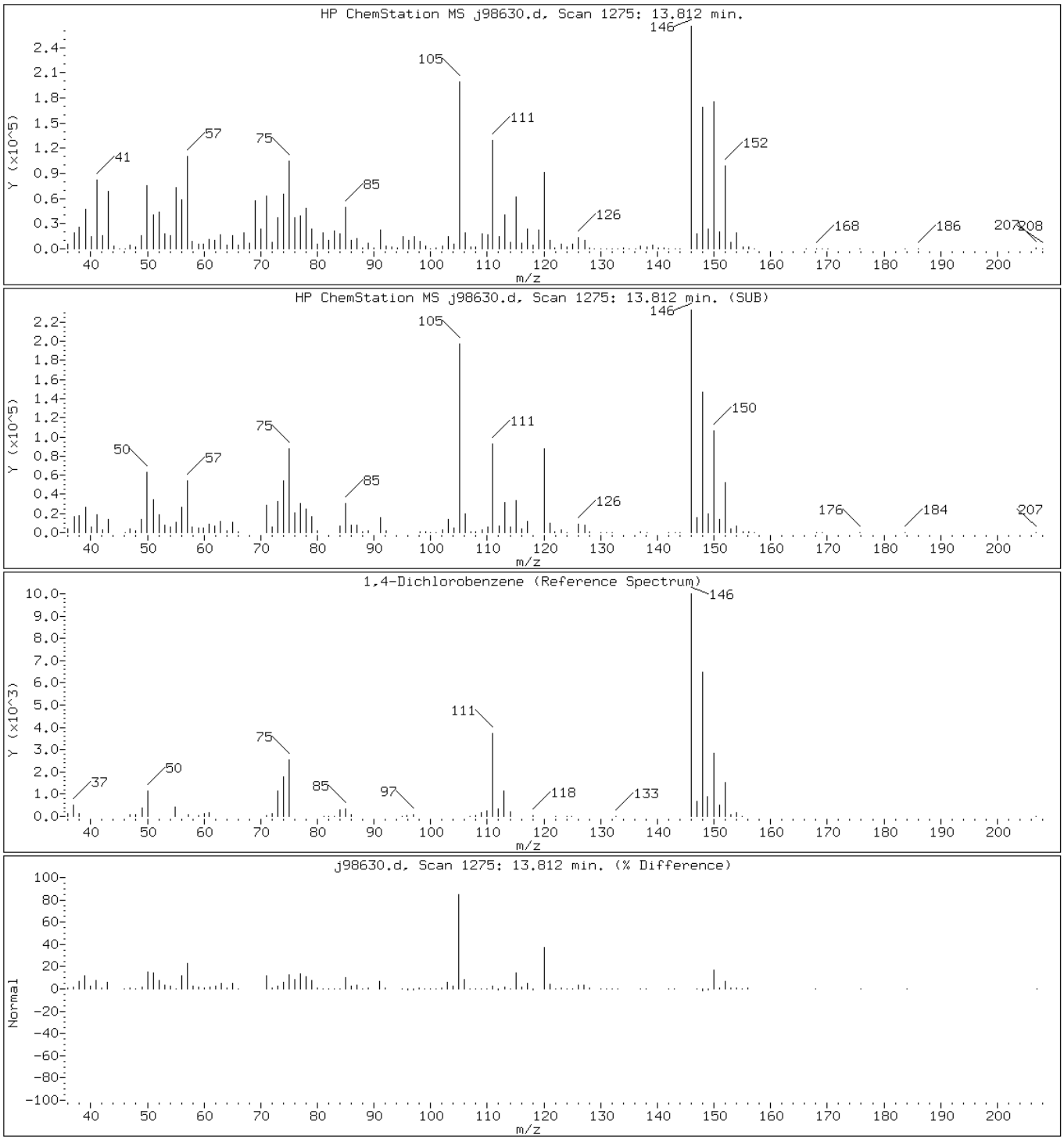
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

109 1,4-Dichlorobenzene



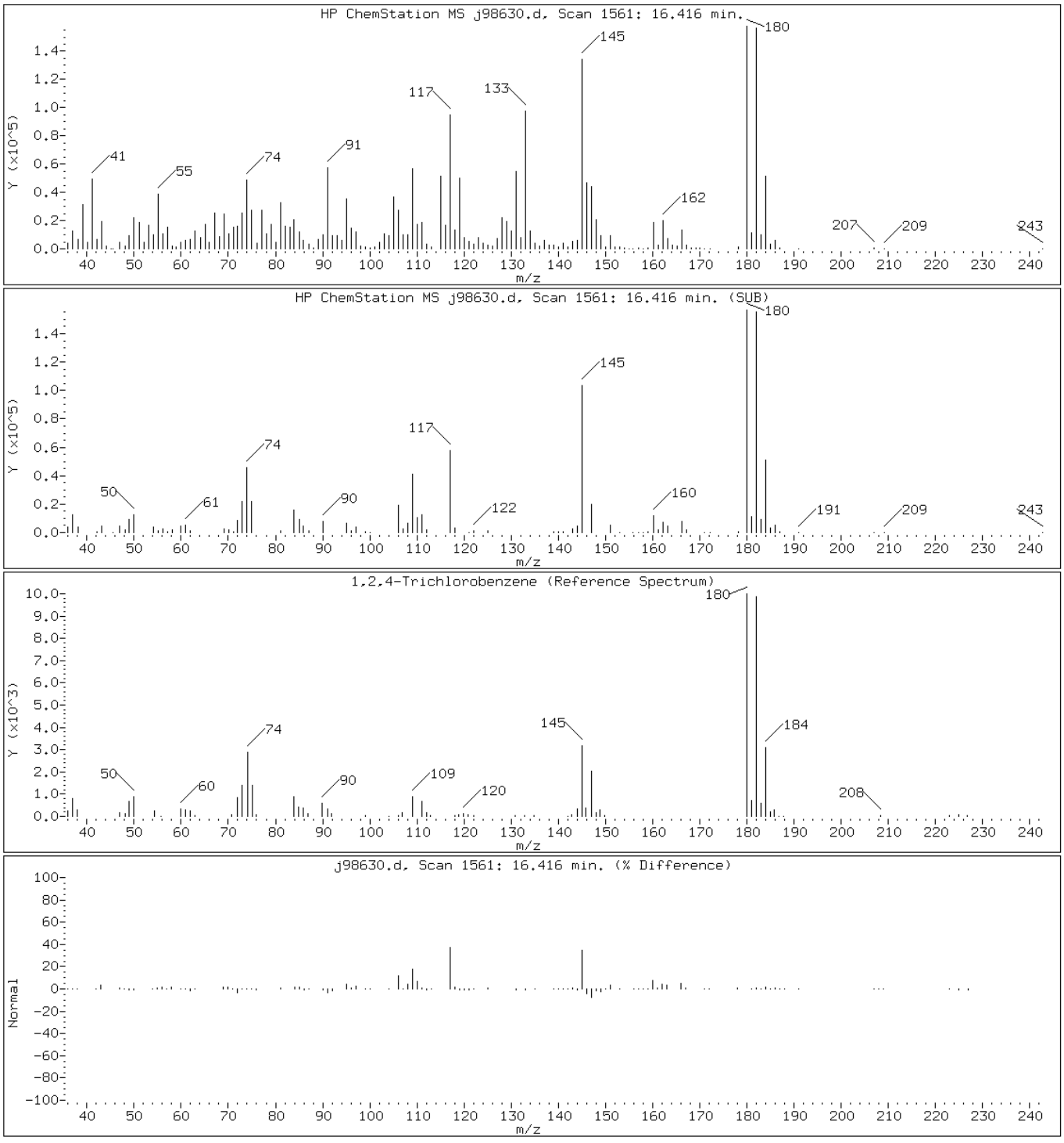
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

114 1,2,4-Trichlorobenzene



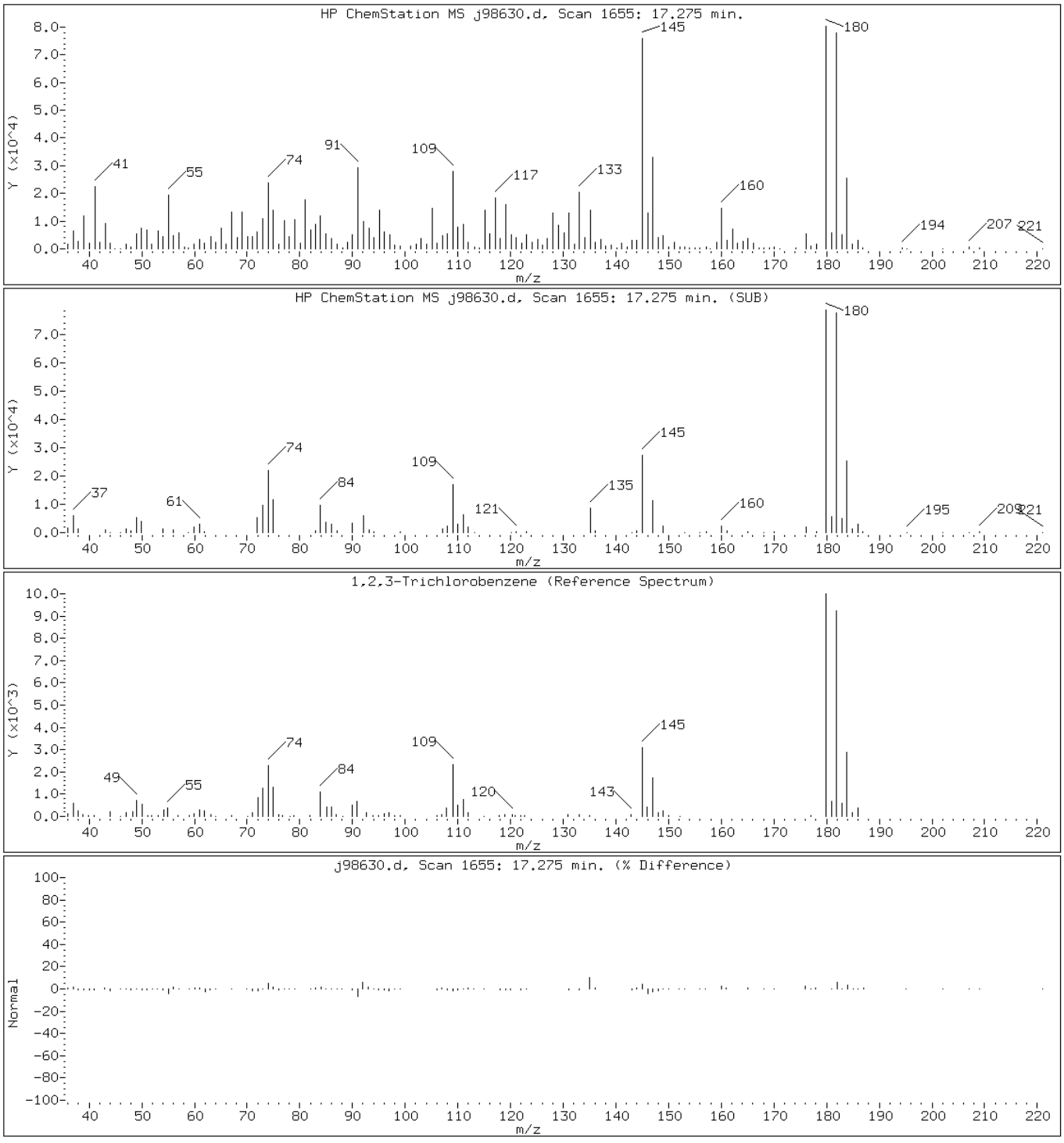
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

117 1,2,3-Trichlorobenzene



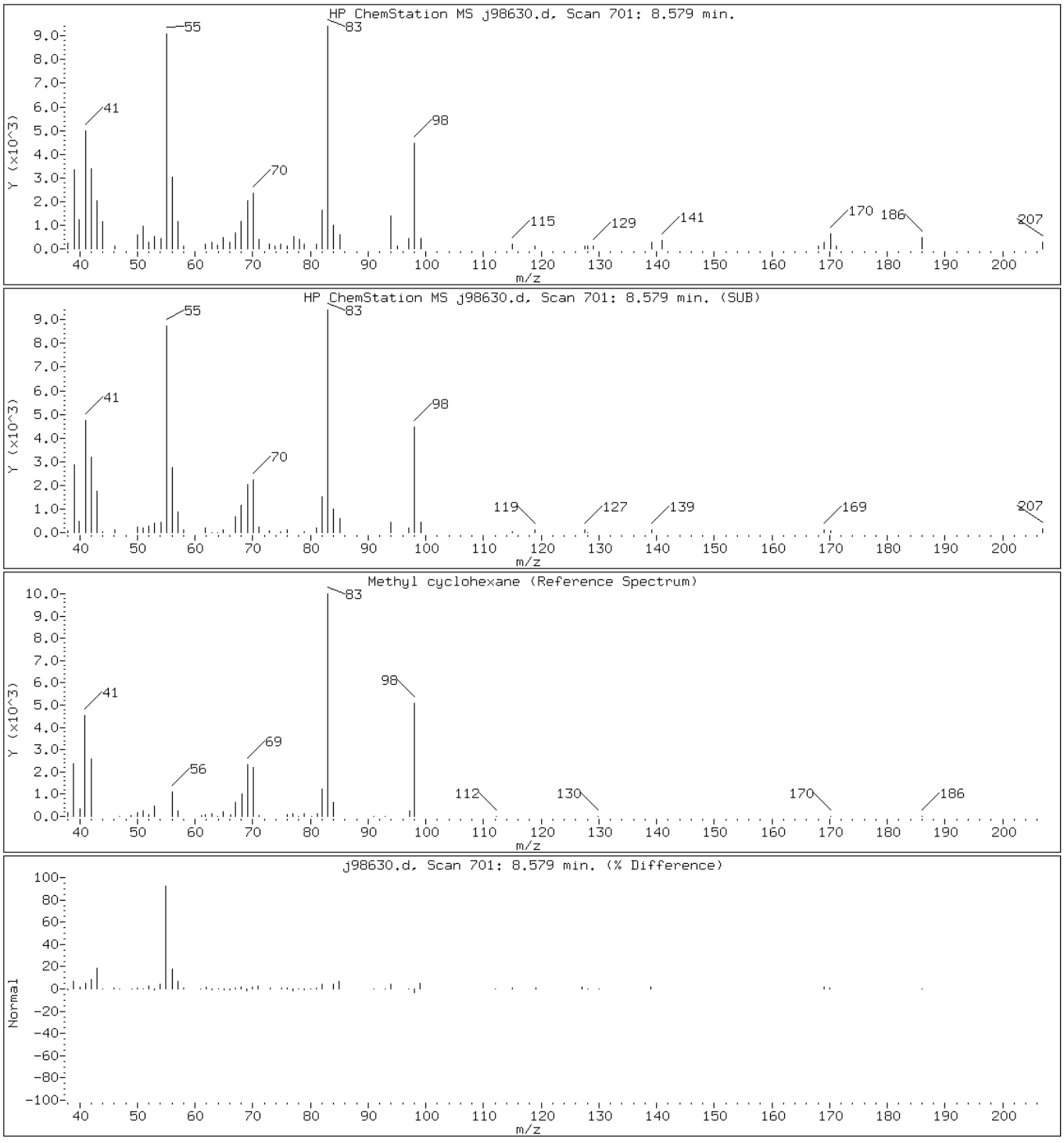
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

56 Methyl cyclohexane



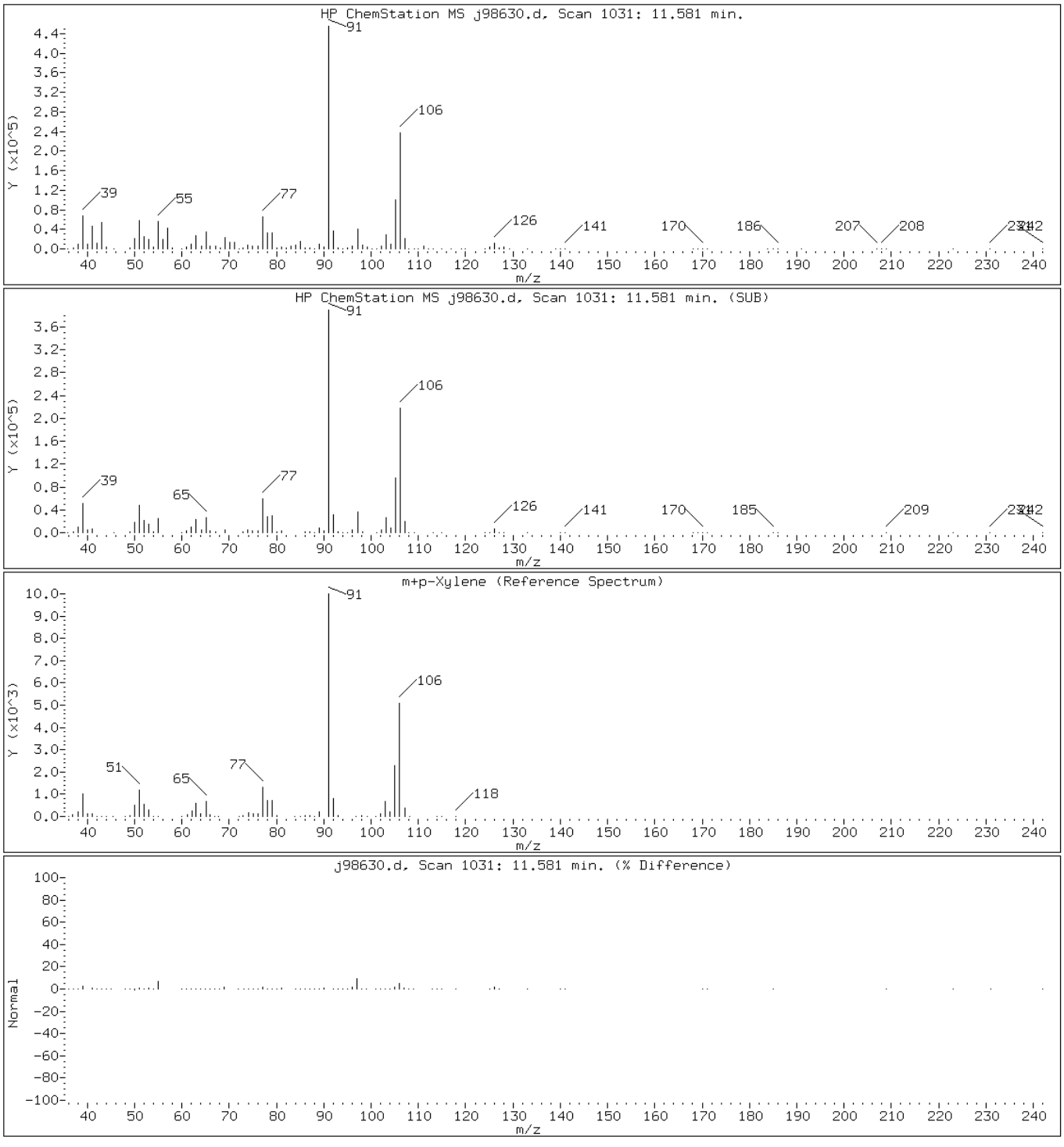
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

82 m+p-Xylene



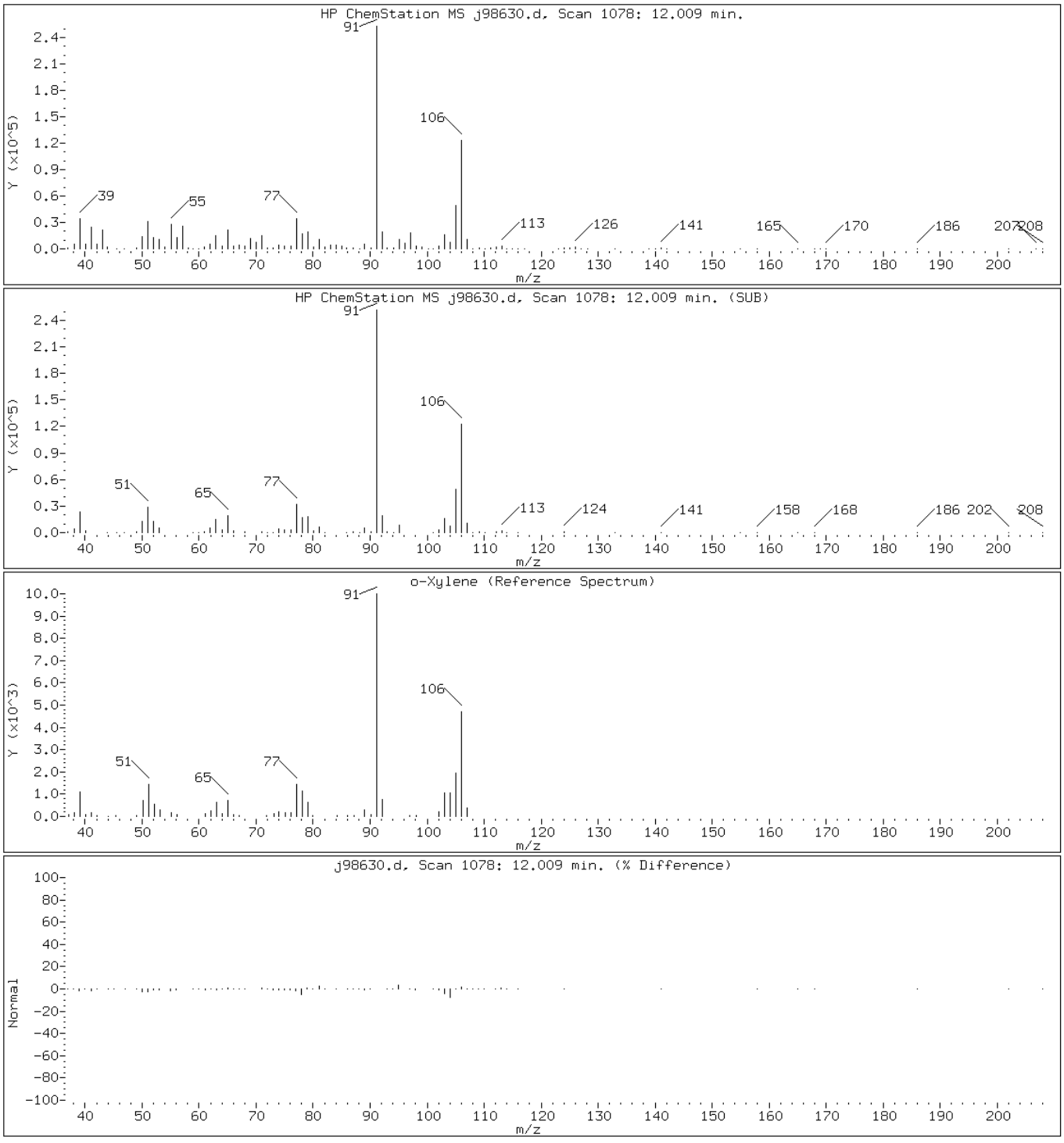
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

84 o-Xylene



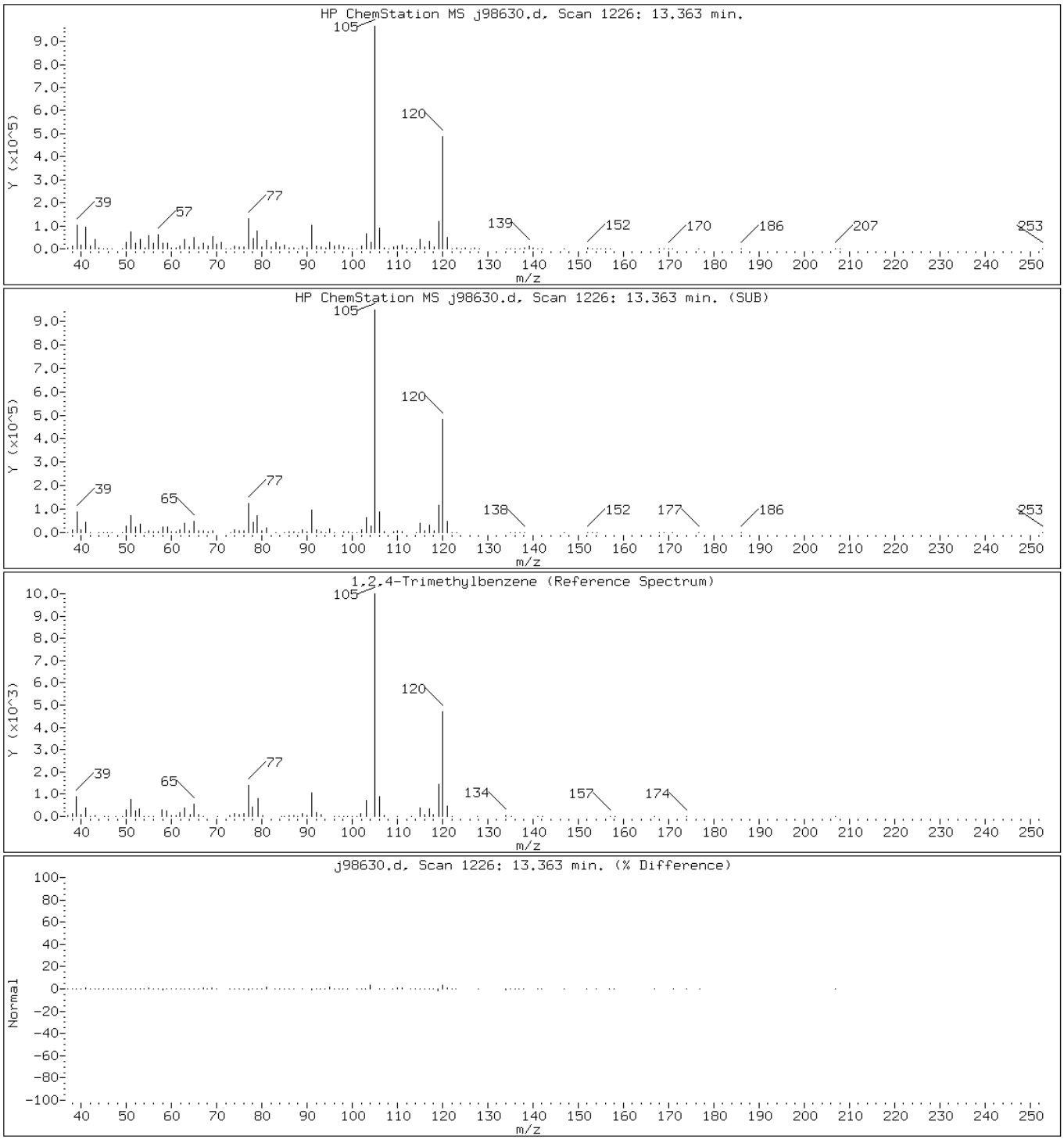
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

101 1,2,4-Trimethylbenzene



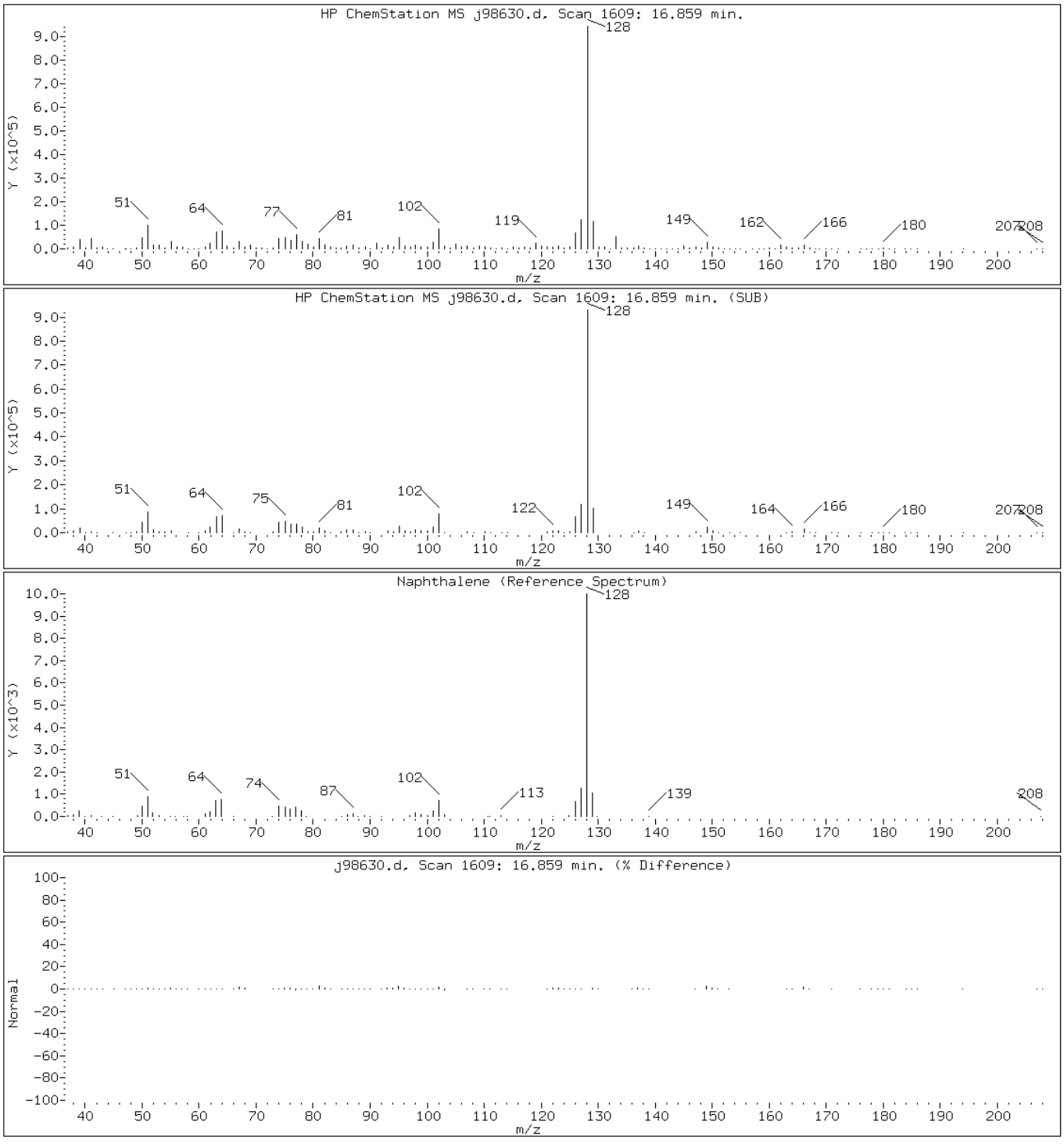
Data File: j98630.d

Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

116 Naphthalene



Data File: j98630.d

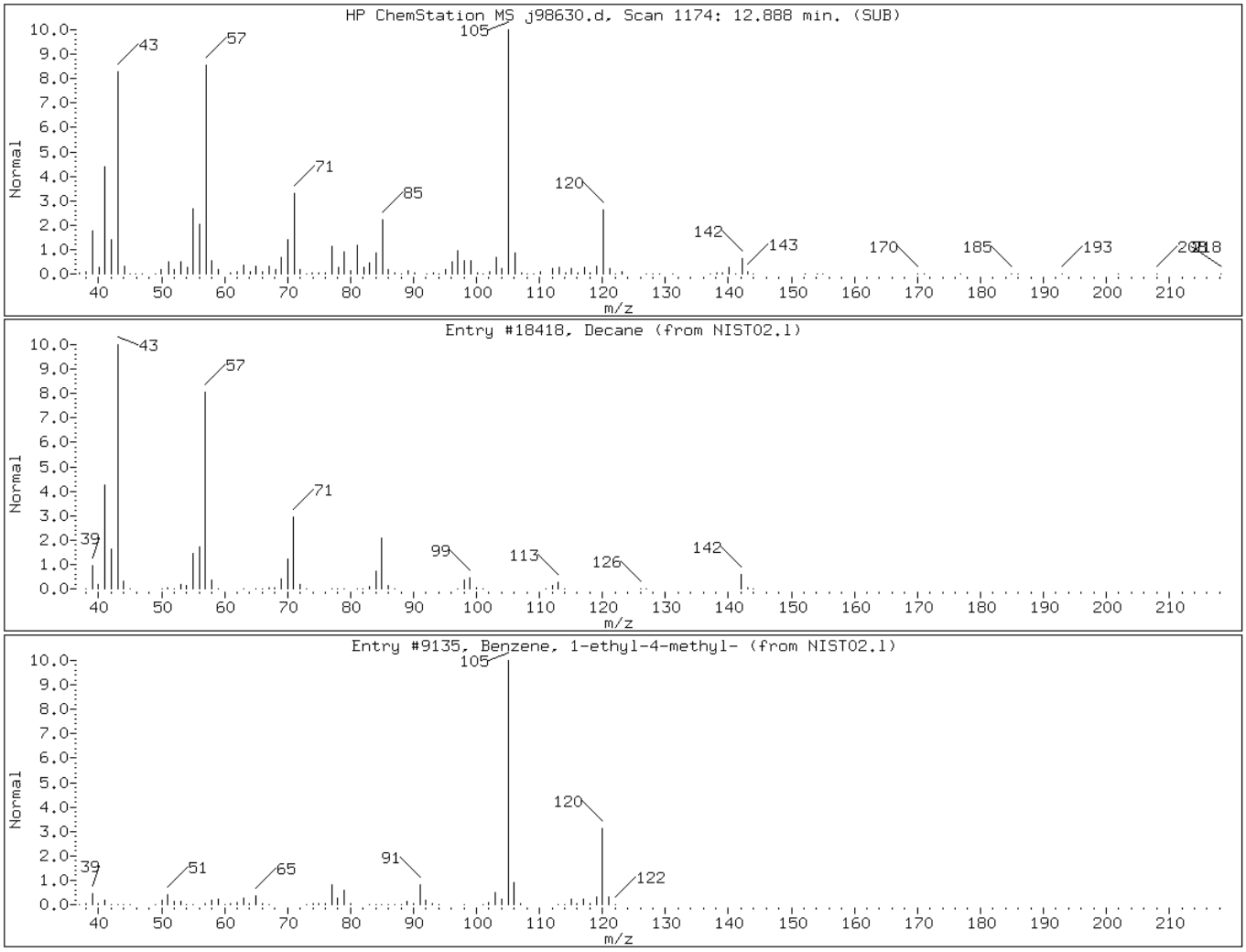
Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

Retention Time: 12.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H22 Alkane/C9H12 Aromatic						
Decane	124-18-5	NIST02.l	18418	92	C10H22	142
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.l	9135	42	C9H12	120



Data File: j98630.d

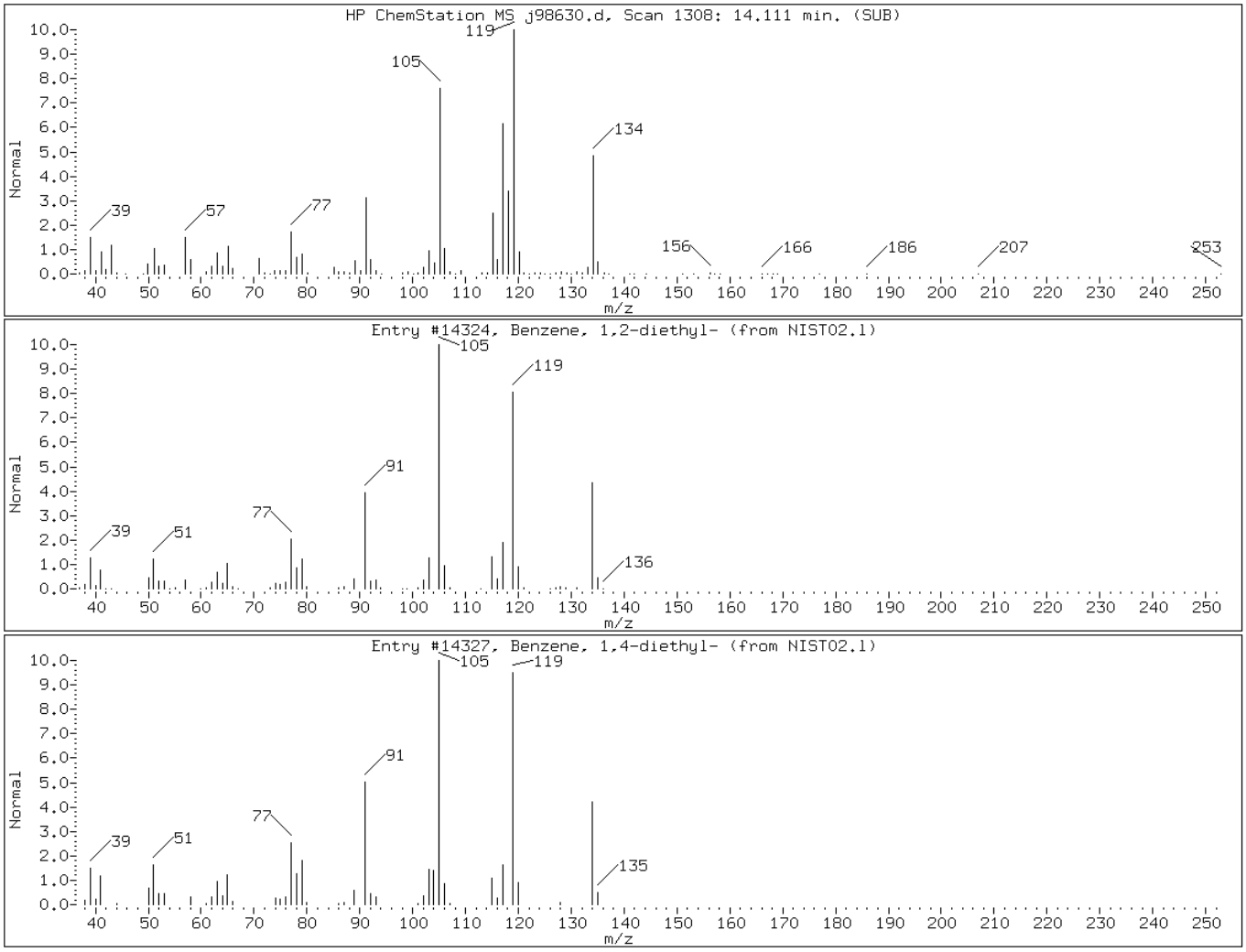
Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

Retention Time: 14.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14324	76	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14327	76	C10H14	134



Data File: j98630.d

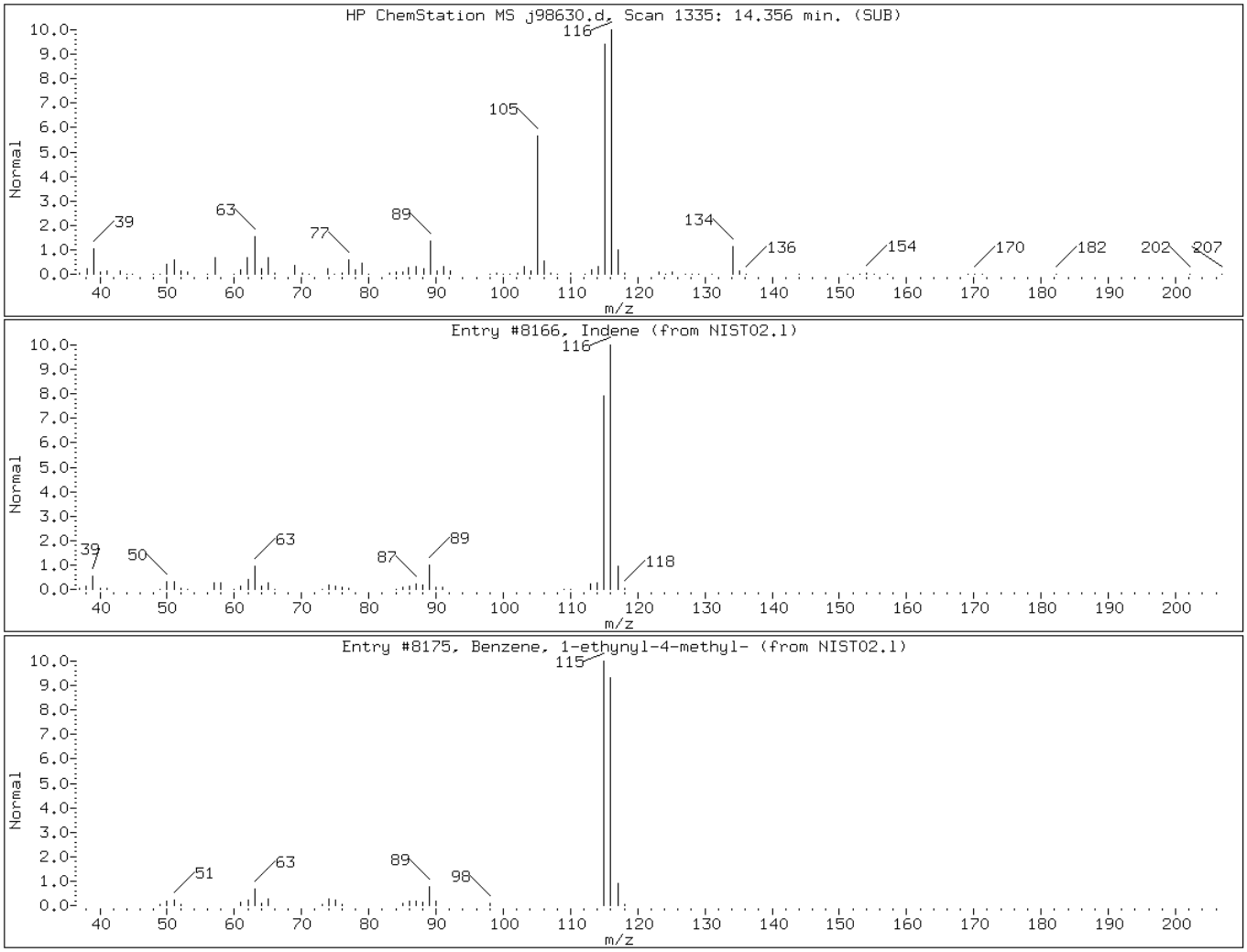
Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

Retention Time: 14.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Hydrocarbon						
Indene	95-13-6	NIST02.l	8166	93	C9H8	116
Benzene, 1-ethynyl-4-methyl-	766-97-2	NIST02.l	8175	83	C9H8	116



Data File: j98630.d

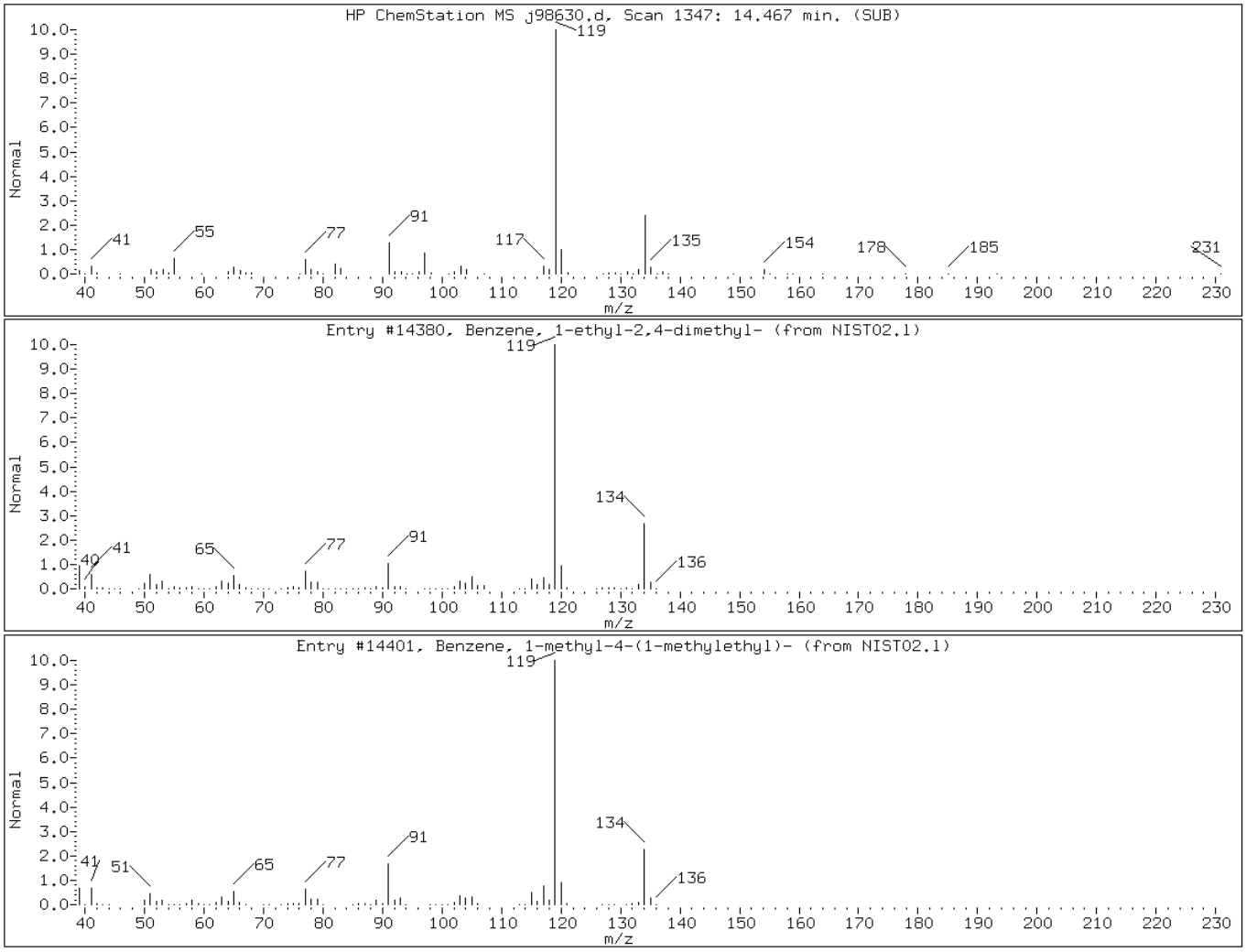
Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

Retention Time: 14.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14380	91	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	90	C10H14	134



Data File: j98630.d

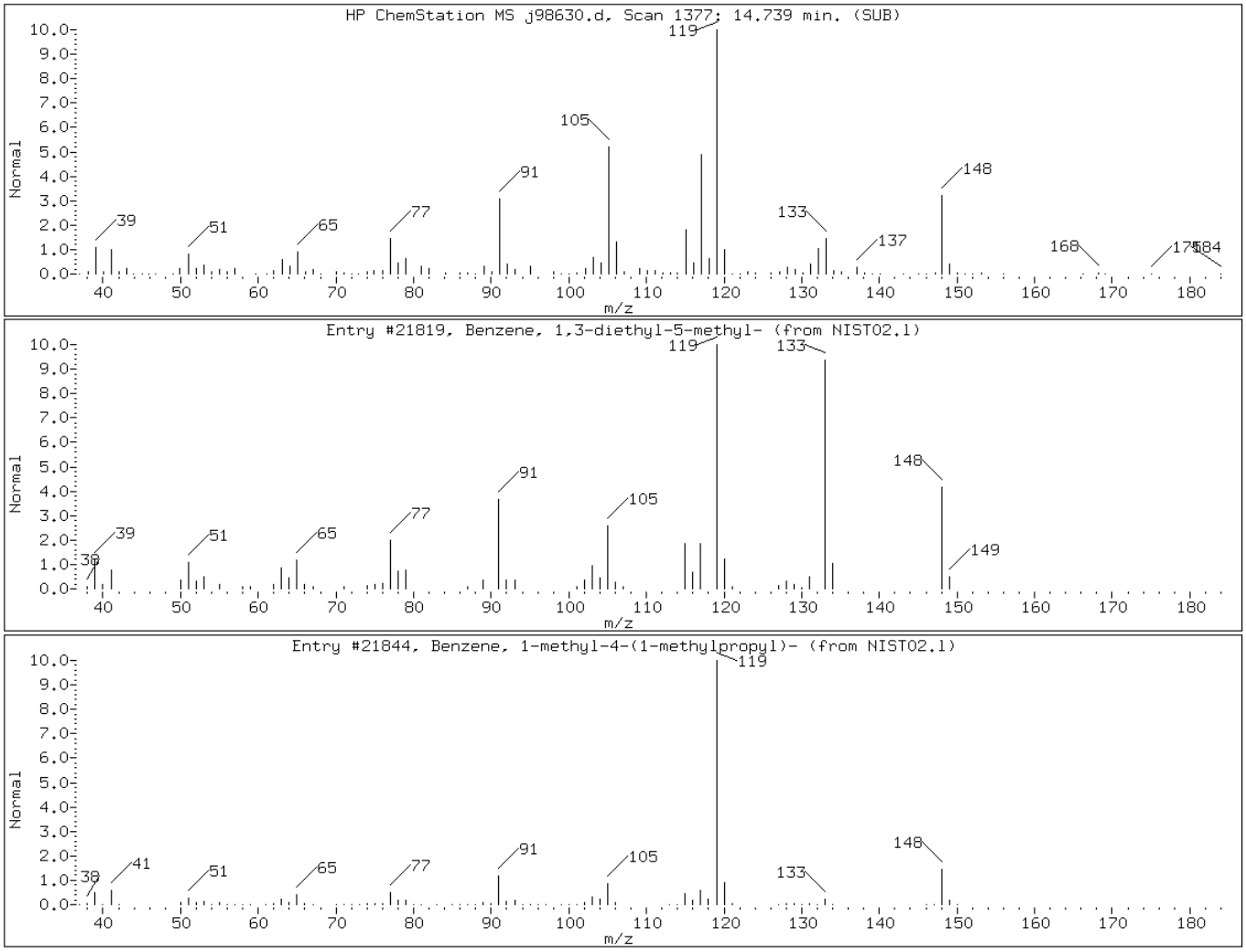
Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

Retention Time: 14.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylmethylbenzene isomer						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	83	C11H16	148
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	58	C11H16	148



Data File: j98630.d

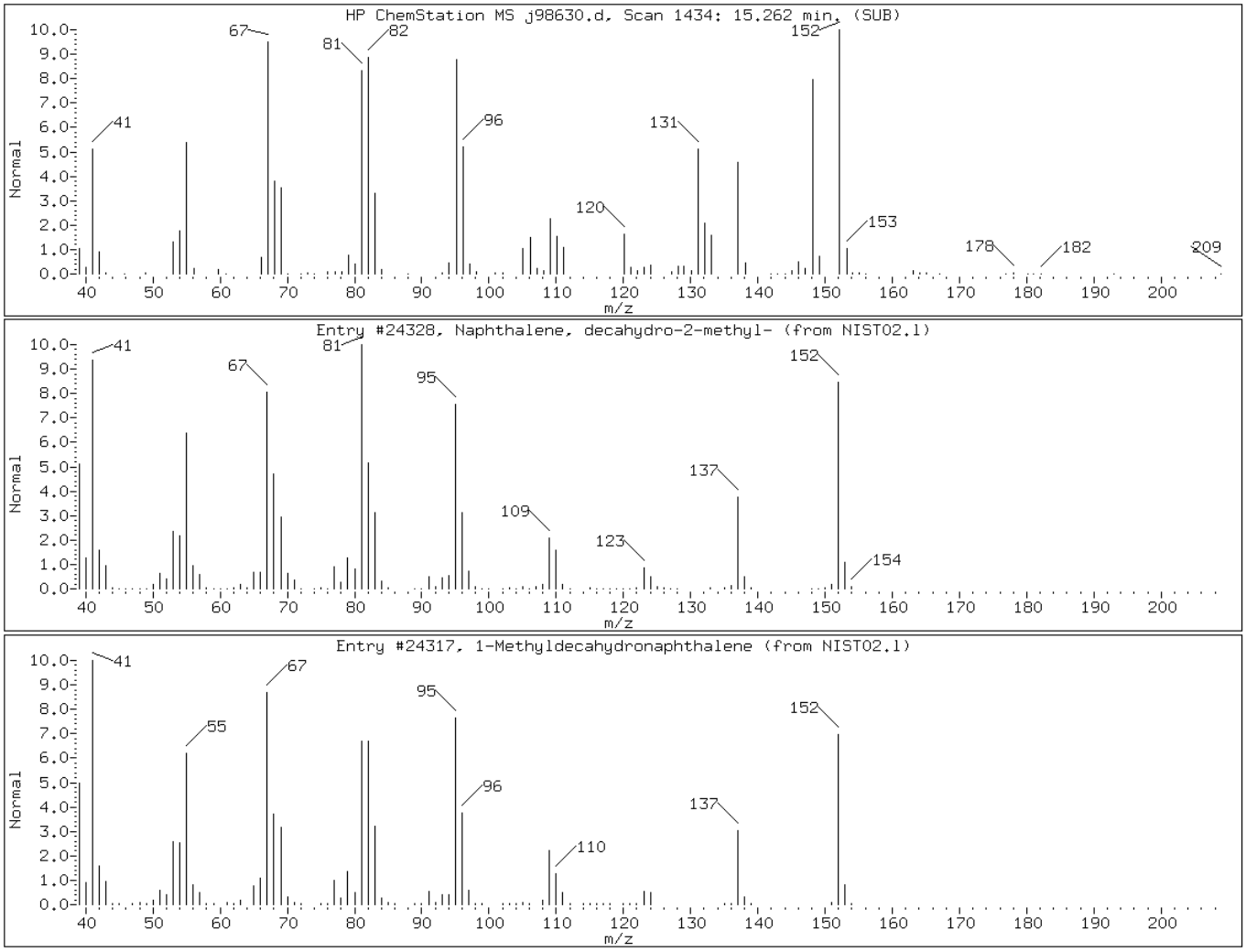
Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

Retention Time: 15.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	90	C11H20	152
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	64	C11H20	152



Data File: j98630.d

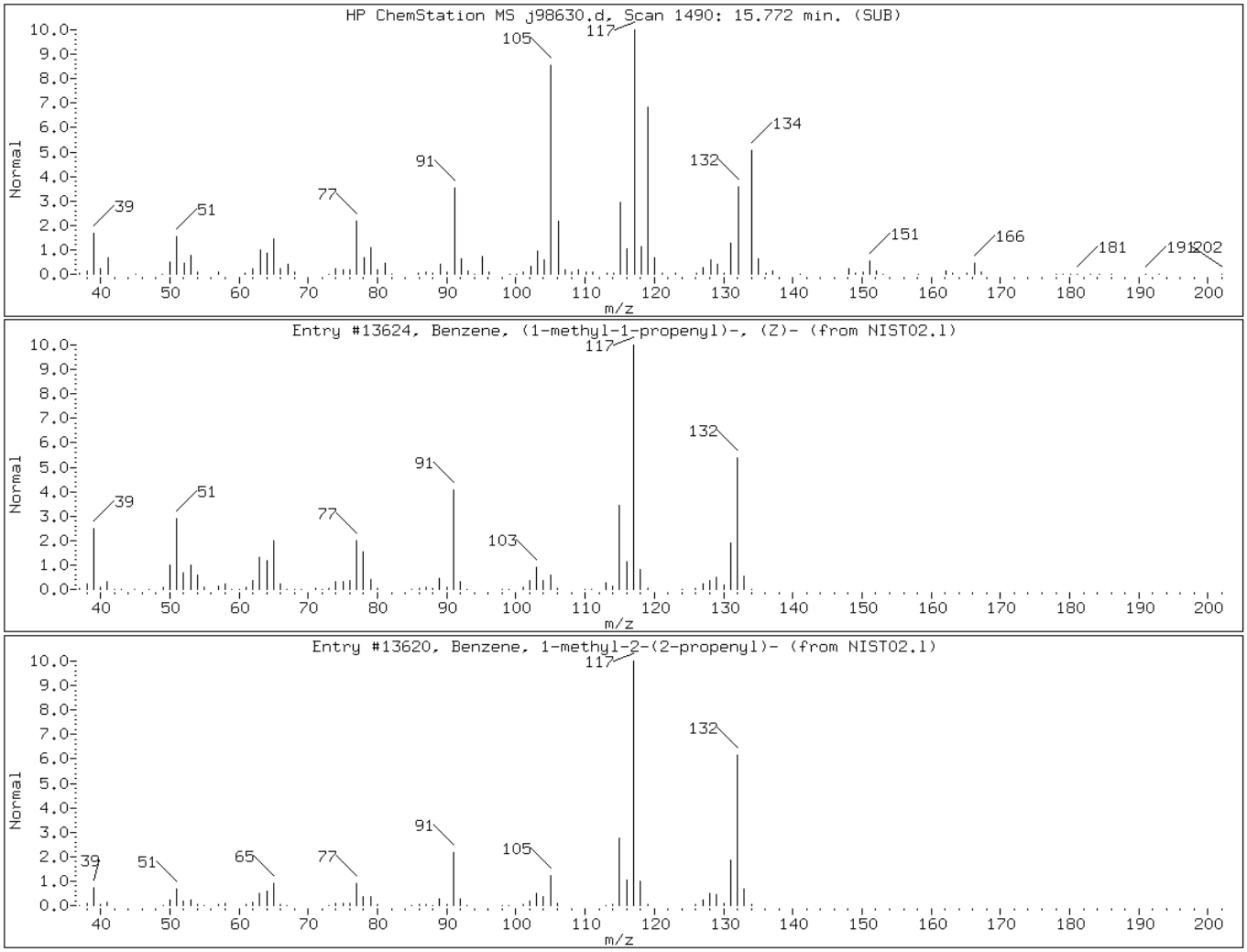
Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

Retention Time: 15.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, (1-methyl-1-propenyl)-, (	767-99-7	NIST02.l	13624	70	C10H12	132
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13620	60	C10H12	132



Data File: j98630.d

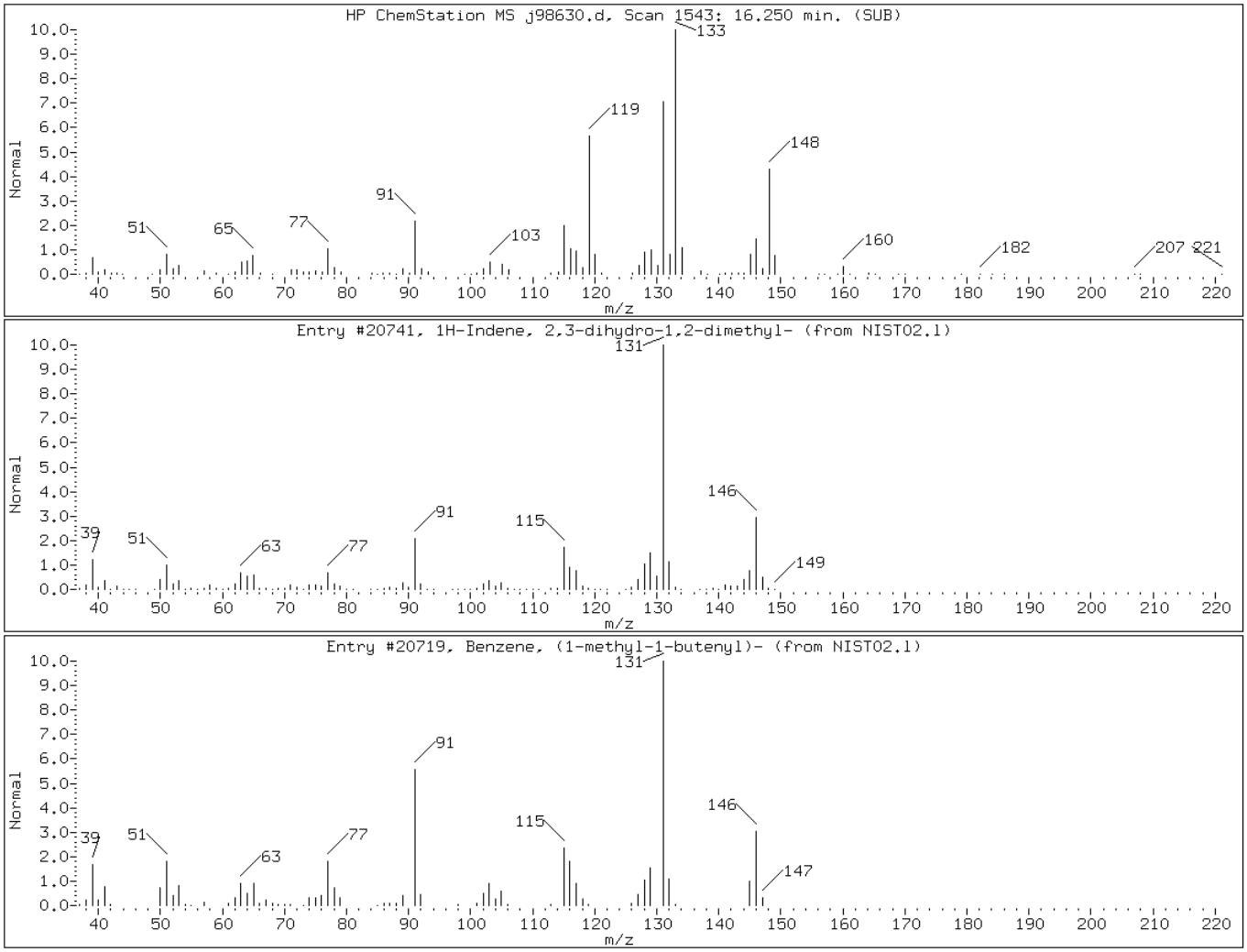
Date: 24-MAR-2011 17:03

Client ID: DUP-031711 (10.5-11 Instrument: VOAMS8.i

Sample Info: 460-24277-B-6-A;50;;11.15;5 Operator:

Retention Time: 16.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-1,2-dimethy	17057-82-8	NIST02.l	20741	70	C11H14	146
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.l	20719	66	C11H14	146



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-7

Matrix: Solid | Lab File ID: o46728.d

Analysis Method: 8260B | Date Collected: 03/17/2011 14:30

Sample wt/vol: 4.3(g) | Date Analyzed: 03/29/2011 08:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.0 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.2	U H	1.2	0.77
74-83-9	Bromomethane	1.2	U H	1.2	0.50
75-01-4	Vinyl chloride	1.2	U H	1.2	0.28
75-00-3	Chloroethane	1.2	U H	1.2	0.48
75-09-2	Methylene Chloride	1.2	U H	1.2	0.57
67-64-1	Acetone	21	H	12	4.5
75-15-0	Carbon disulfide	1.2	U H	1.2	0.56
75-69-4	Trichlorofluoromethane	1.2	U H	1.2	0.31
75-35-4	1,1-Dichloroethene	1.2	U H	1.2	0.45
75-34-3	1,1-Dichloroethane	1.2	U H	1.2	0.31
156-60-5	trans-1,2-Dichloroethene	1.2	U H	1.2	0.34
156-59-2	cis-1,2-Dichloroethene	1.2	U H	1.2	0.29
67-66-3	Chloroform	1.2	U H	1.2	0.29
78-93-3	2-Butanone	12	U H	12	0.69
107-06-2	1,2-Dichloroethane	1.2	U H	1.2	0.47
71-55-6	1,1,1-Trichloroethane	1.2	U H	1.2	0.23
56-23-5	Carbon tetrachloride	1.2	U H	1.2	0.12
71-43-2	Benzene	1.2	U H	1.2	0.90
75-25-2	Bromoform	1.2	U H	1.2	0.85
100-42-5	Styrene	1.2	U H	1.2	0.42
100-41-4	Ethylbenzene	1.2	U H	1.2	0.23
108-90-7	Chlorobenzene	1.2	U H	1.2	0.58
110-82-7	Cyclohexane	1.2	U H	1.2	0.27
98-82-8	Isopropylbenzene	1.2	U H	1.2	0.31
591-78-6	2-Hexanone	12	U H	12	2.0
1634-04-4	MTBE	1.2	U H	1.2	0.42
76-13-1	Freon TF	1.2	U H	1.2	0.58
79-20-9	Methyl acetate	1.2	U H	1.2	1.1
123-91-1	1,4-Dioxane	61	U H	61	5.0
79-01-6	Trichloroethene	1.2	U H	1.2	0.44
108-88-3	Toluene	1.2	U H	1.2	0.36
10061-02-6	trans-1,3-Dichloropropene	1.2	U H	1.2	0.27
108-10-1	4-Methyl-2-pentanone	12	U H	12	0.87
10061-01-5	cis-1,3-Dichloropropene	1.2	U H	1.2	0.24
95-50-1	1,2-Dichlorobenzene	1.2	U H	1.2	0.77
541-73-1	1,3-Dichlorobenzene	1.2	U H	1.2	0.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-7

Matrix: Solid | Lab File ID: o46728.d

Analysis Method: 8260B | Date Collected: 03/17/2011 14:30

Sample wt/vol: 4.3(g) | Date Analyzed: 03/29/2011 08:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.0 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.2	U H	1.2	0.86
120-82-1	1,2,4-Trichlorobenzene	1.2	U H	1.2	0.65
87-61-6	1,2,3-Trichlorobenzene	1.2	U H	1.2	0.78
78-87-5	1,2-Dichloropropane	1.2	U H	1.2	0.39
108-87-2	Methylcyclohexane	0.75	J H	1.2	0.33
127-18-4	Tetrachloroethene	0.61	J H	1.2	0.40
1330-20-7	Xylenes, Total	3.6	U H	3.6	0.95
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U H	1.2	0.74
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U H	1.2	0.92
79-00-5	1,1,2-Trichloroethane	1.2	U H	1.2	0.72
124-48-1	Dibromochloromethane	1.2	U H	1.2	0.68
106-93-4	1,2-Dibromoethane	1.2	U H	1.2	0.63
75-71-8	Dichlorodifluoromethane	1.2	U H *	1.2	0.49
74-97-5	Bromochloromethane	1.2	U H	1.2	0.33
75-27-4	Bromodichloromethane	1.2	U H	1.2	0.37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-138
2037-26-5	Toluene-d8 (Surr)	91		66-126
460-00-4	Bromofluorobenzene	95		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) Lab Sample ID: 460-24277-7

Matrix: Solid Lab File ID: o46728.d

Analysis Method: 8260B Date Collected: 03/17/2011 14:30

Sample wt/vol: 4.3(g) Date Analyzed: 03/29/2011 08:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.0 Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

Number TICs Found: 5 TIC Result Total: 78.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C7H16 Alkane	3.85	15	H J
	C8H18 Alkane	5.09	27	H J
	C7H14 Cycloalkane	5.22	20	H J
	C9H20 Alkane	5.75	8.3	H J
	C10H22 Alkane	9.74	8.0	H J

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46728.d
Report Date: 30-Mar-2011 13:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46728.d
Lab Smp Id: 460-24277-E-7-A Client Smp ID: PMP-10-VD-E (3.5-4.
Inj Date : 29-MAR-2011 08:12
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-E-7-A;;;4.30;5
Misc Info : 460-24277-E-7-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.30000	Weight of sample extracted (g)
M	3.96040	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7 Acetone	43	1.807	1.807	(0.448)	12109	17.3378	21
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.709	3.709	(0.920)	145994	48.6945	59
* 69 Fluorobenzene	96	4.032	4.032	(1.000)	815398	50.0000	
126 Methyl cyclohexane	83	4.587	4.599	(1.138)	6181	0.61943	0.75(a)
$ 37 Toluene-d8 (SUR)	98	5.800	5.806	(0.748)	645166	45.6354	55
35 Tetrachloroethene	166	6.586	6.586	(0.849)	3325	0.50768	0.61(a)
* 32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	613830	50.0000	
44 o-Xylene	106	8.781	8.781	(1.132)	5774	0.58509	0.71(a)
$ 41 Bromofluorobenzene (SUR)	174	9.604	9.604	(0.838)	248457	47.6703	58
* 91 1,4-Dichlorobenzene-d4	152	11.463	11.469	(1.000)	350071	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46728.d
Report Date: 30-Mar-2011 13:03

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46728.d
Report Date: 30-Mar-2011 13:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46728.d
Lab Smp Id: 460-24277-E-7-A Client Smp ID: PMP-10-VD-E (3.5-4.
Inj Date : 29-MAR-2011 08:12
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-E-7-A;;;4.30;5
Misc Info : 460-24277-E-7-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.30000	Weight of sample extracted (g)
M	3.96040	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 69 Fluorobenzene	4.032	1623471	50.000
* 91 1,4-Dichlorobenzene-d4	11.463	1980206	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C7H16 Alkane					CAS #:		
3.849	414745	12.7734090	15	0	0		69
C8H18 Alkane					CAS #:		
5.093	718437	22.1265544	27	0	0		69

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46728.d
Report Date: 30-Mar-2011 13:03

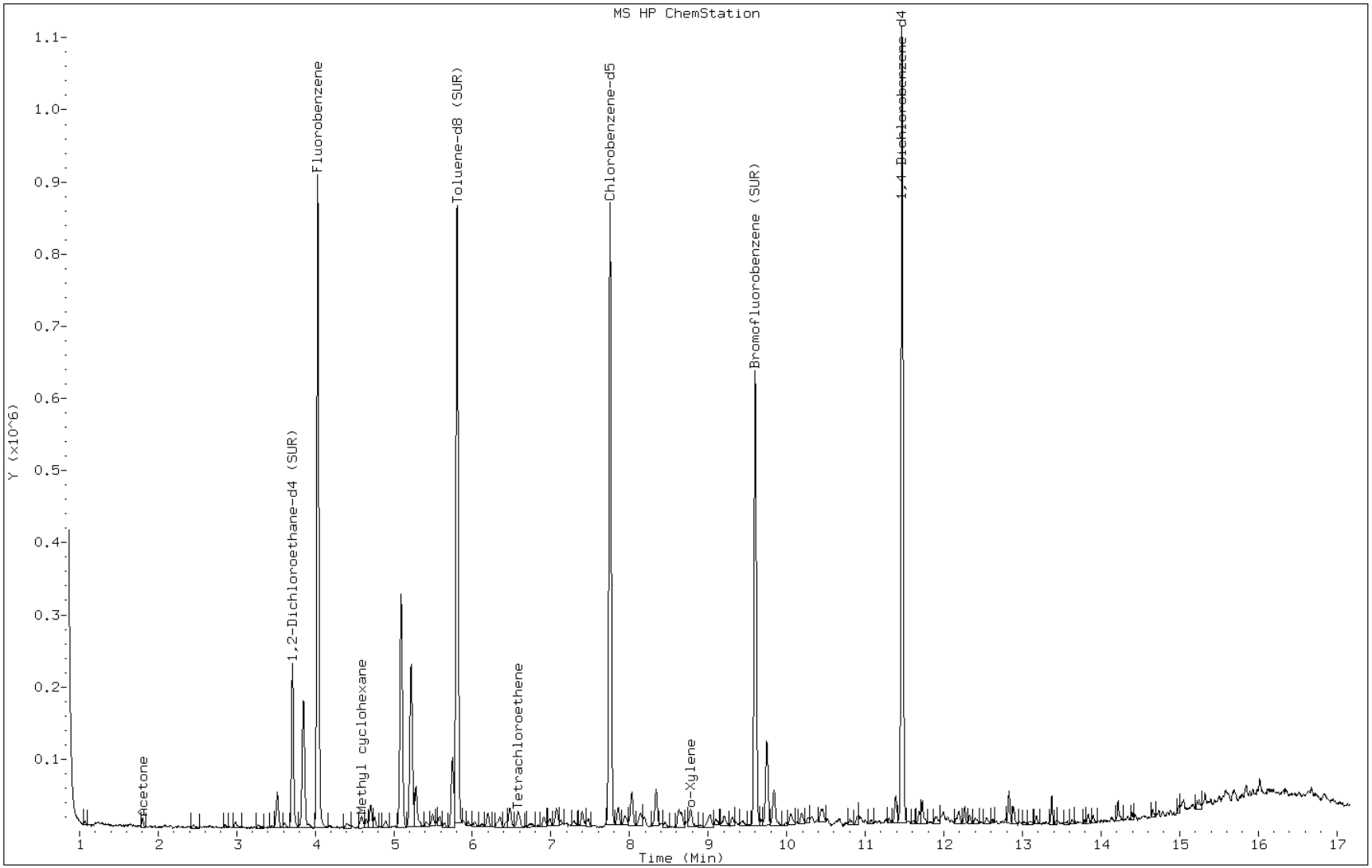
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C7H14 Cycloalkane					CAS #:		
5.221	528455	16.2754718	20	0		0	69
C9H20 Alkane					CAS #:		
5.745	221619	6.82546422	8.3	0		0	69
C10H22 Alkane					CAS #:		
9.744	263053	6.64207173	8.0	0		0	91

Data File: o46728.d

Date: 29-MAR-2011 08:12

Client ID: PMP-10-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-7-A;;;4.30;5 Operator: VOAMS 9



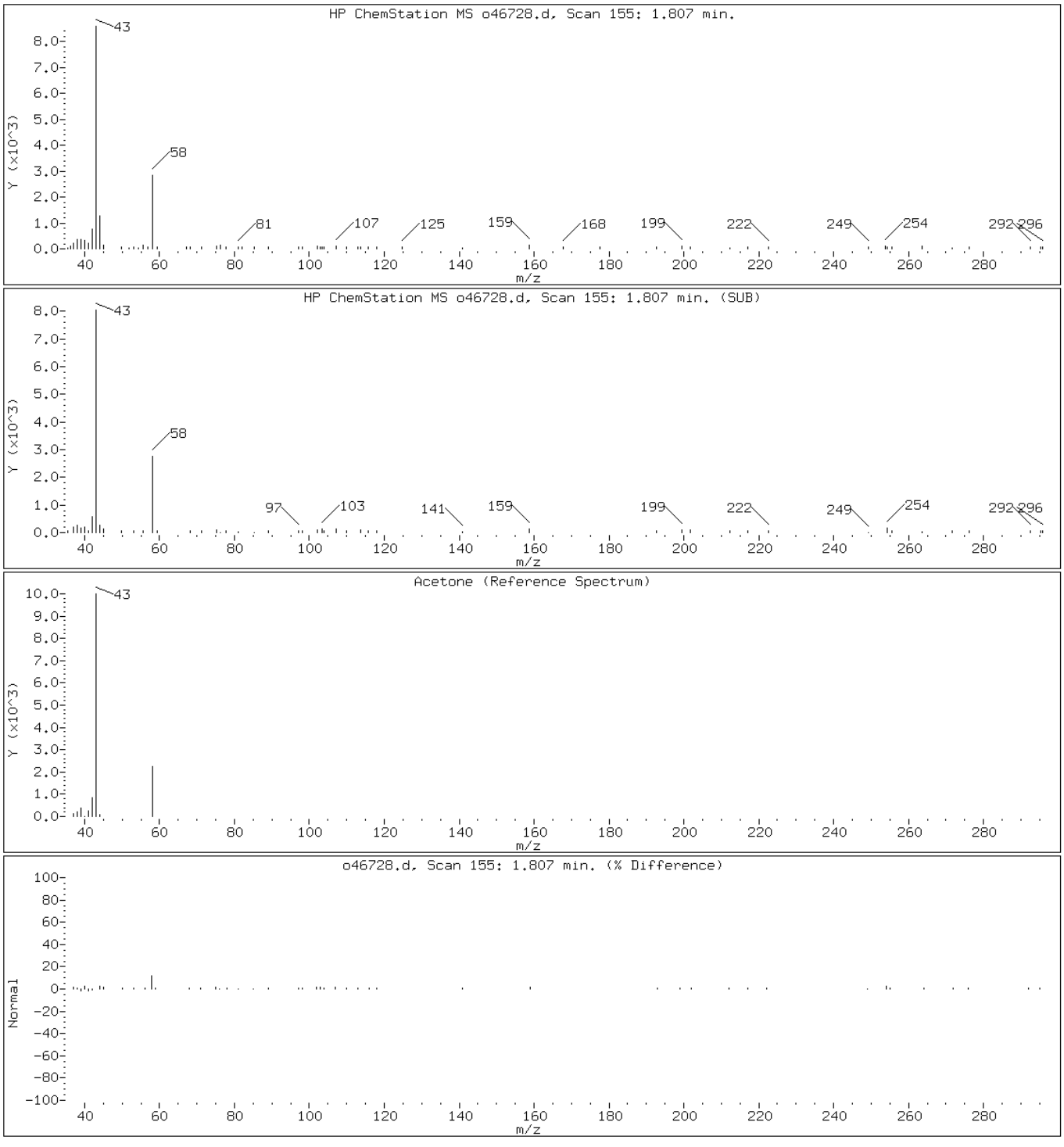
Data File: o46728.d

Date: 29-MAR-2011 08:12

Client ID: PMP-10-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-7-A;;;4.30;5 Operator: VOAMS 9

7 Acetone



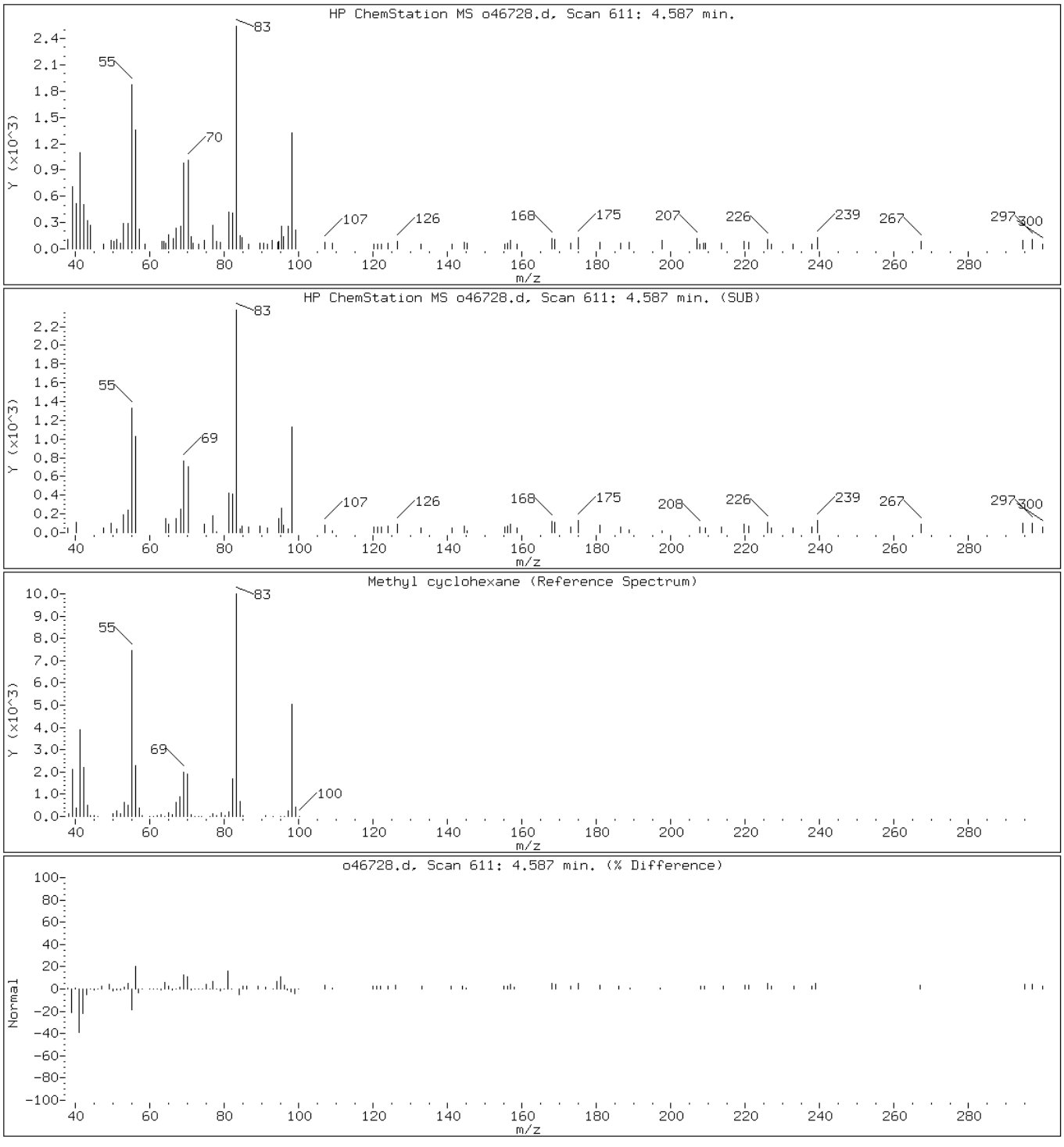
Data File: o46728.d

Date: 29-MAR-2011 08:12

Client ID: PMP-10-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-7-A;;;4.30;5 Operator: VOAMS 9

126 Methyl cyclohexane



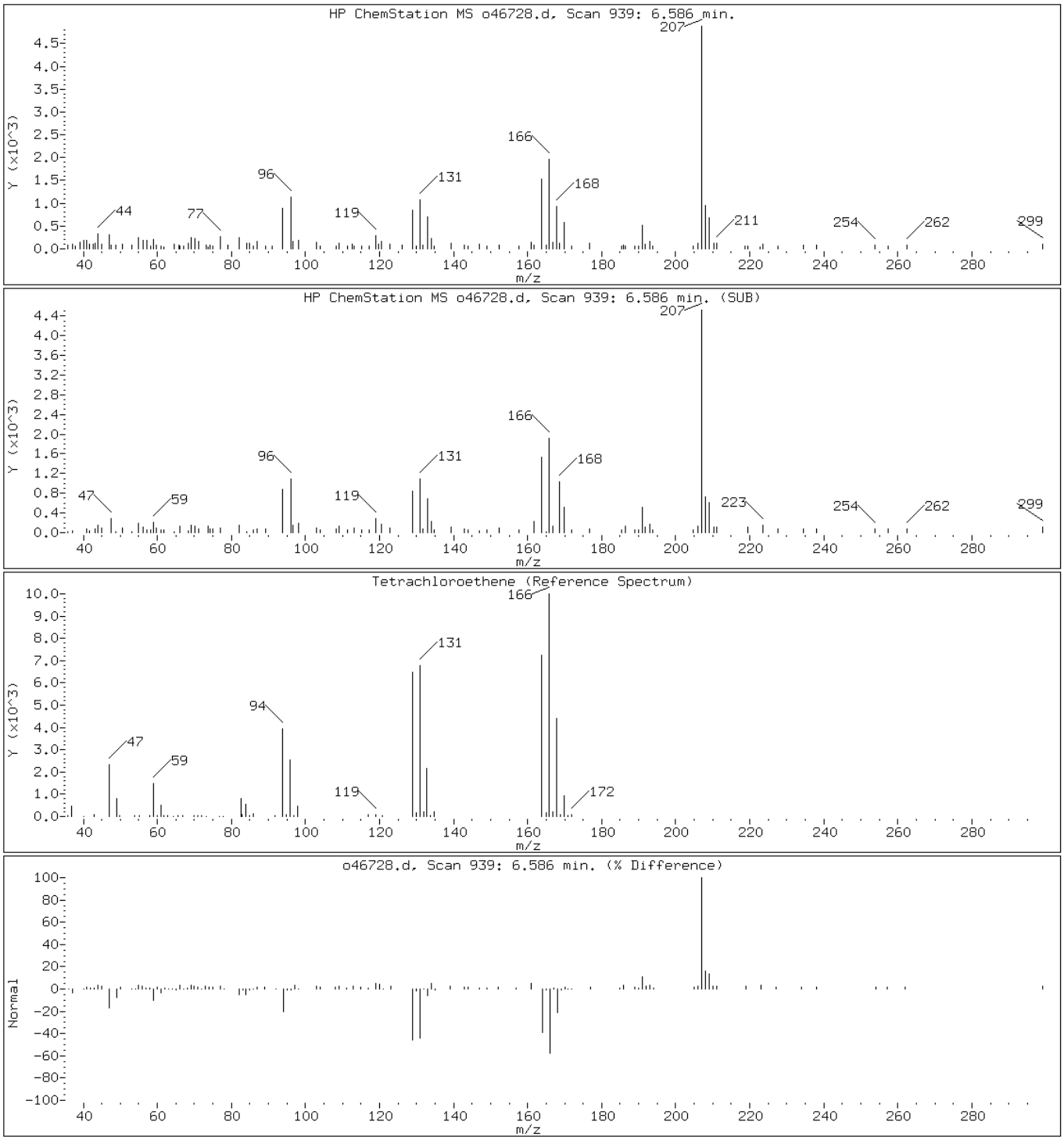
Data File: o46728.d

Date: 29-MAR-2011 08:12

Client ID: PMP-10-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-7-A;;;4.30;5 Operator: VOAMS 9

35 Tetrachloroethene



Data File: o46728.d

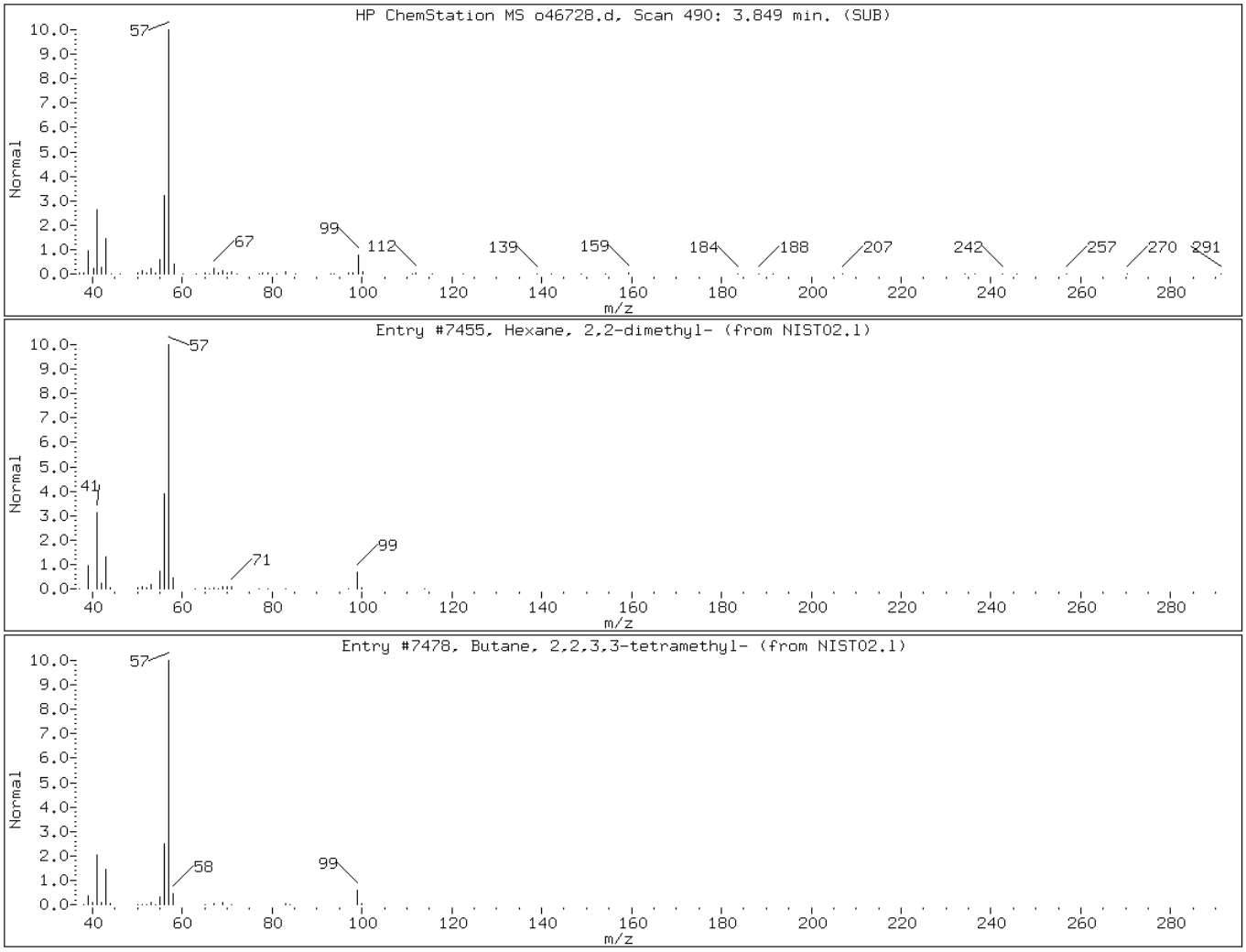
Date: 29-MAR-2011 08:12

Client ID: PMP-10-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-7-A;;;4.30;5 Operator: VOAMS 9

Retention Time: 3.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C7H16 Alkane						
Hexane, 2,2-dimethyl-	590-73-8	NIST02.l	7455	72	C8H18	114
Butane, 2,2,3,3-tetramethyl-	594-82-1	NIST02.l	7478	72	C8H18	114



Data File: o46728.d

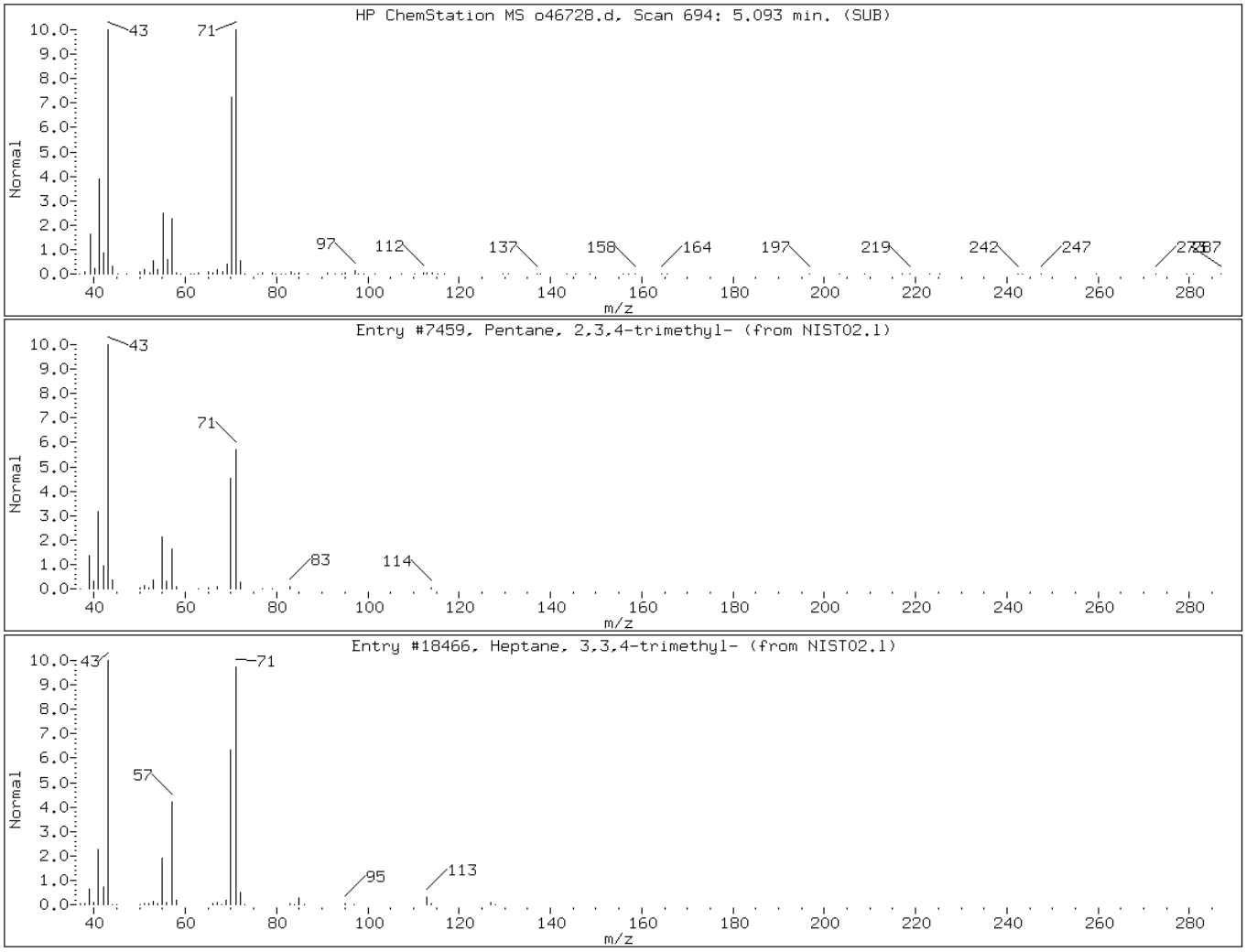
Date: 29-MAR-2011 08:12

Client ID: PMP-10-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-7-A;;;4.30;5 Operator: VOAMS 9

Retention Time: 5.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C8H18 Alkane						
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.l	7459	91	C8H18	114
Heptane, 3,3,4-trimethyl-	20278-87-9	NIST02.l	18466	83	C10H22	142



Data File: o46728.d

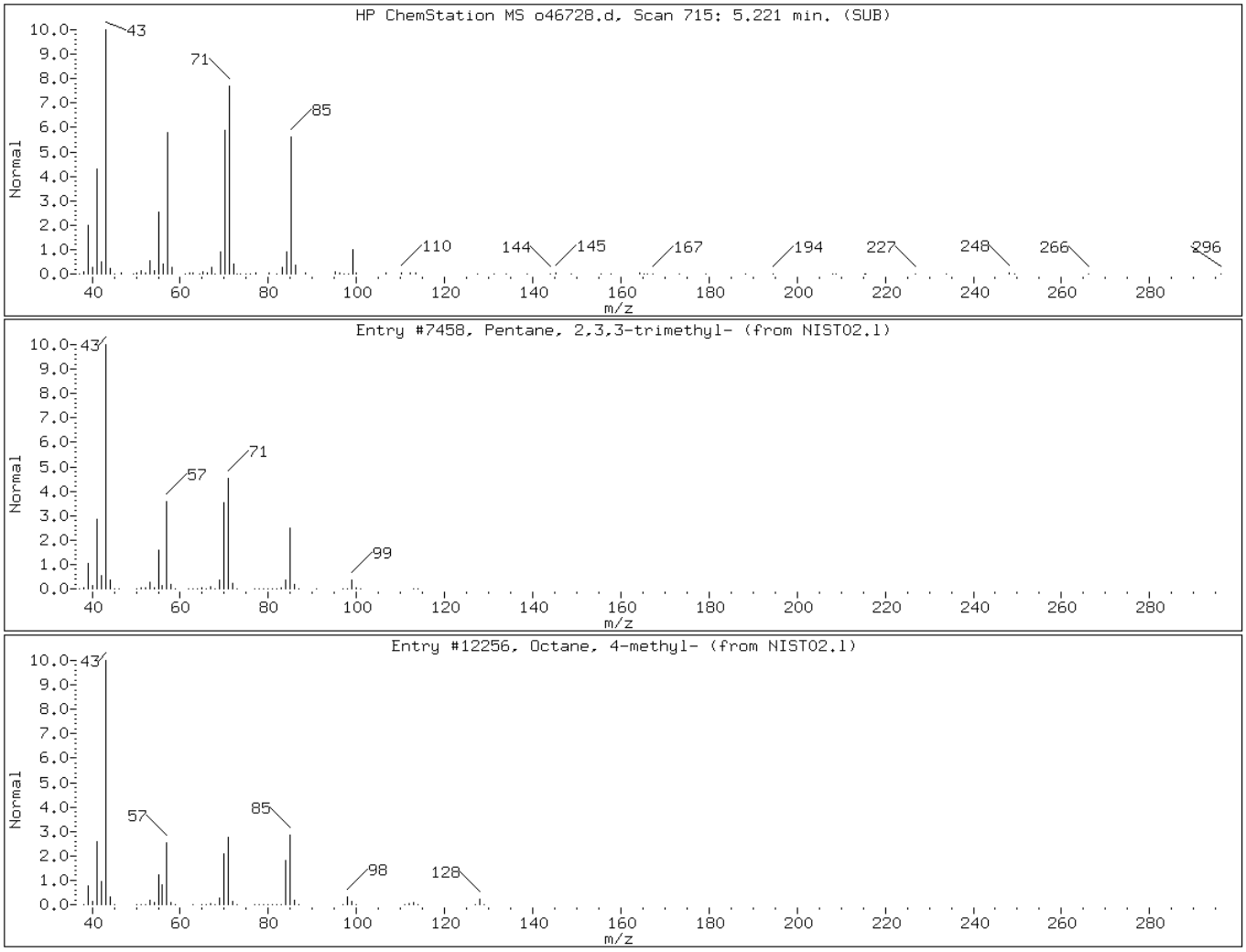
Date: 29-MAR-2011 08:12

Client ID: PMP-10-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-7-A;;;4.30;5 Operator: VOAMS 9

Retention Time: 5.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C7H14 Cycloalkane						
Pentane, 2,3,3-trimethyl-	560-21-4	NIST02.l	7458	90	C8H18	114
Octane, 4-methyl-	2216-34-4	NIST02.l	12256	78	C9H20	128



Data File: o46728.d

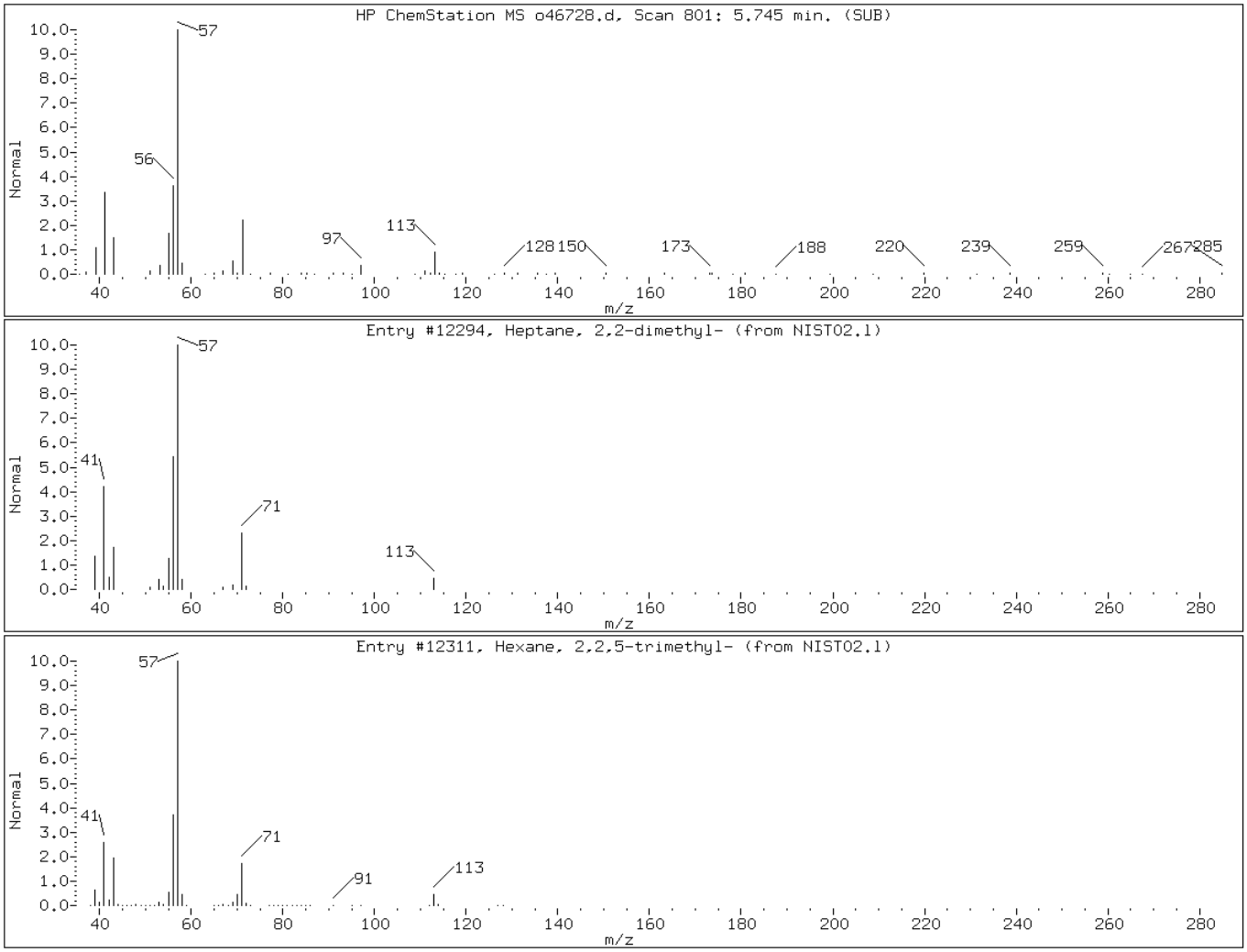
Date: 29-MAR-2011 08:12

Client ID: PMP-10-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-7-A;;;4.30;5 Operator: VOAMS 9

Retention Time: 5.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H20 Alkane						
Heptane, 2,2-dimethyl-	1071-26-7	NIST02.l	12294	64	C9H20	128
Hexane, 2,2,5-trimethyl-	3522-94-9	NIST02.l	12311	56	C9H20	128



Data File: o46728.d

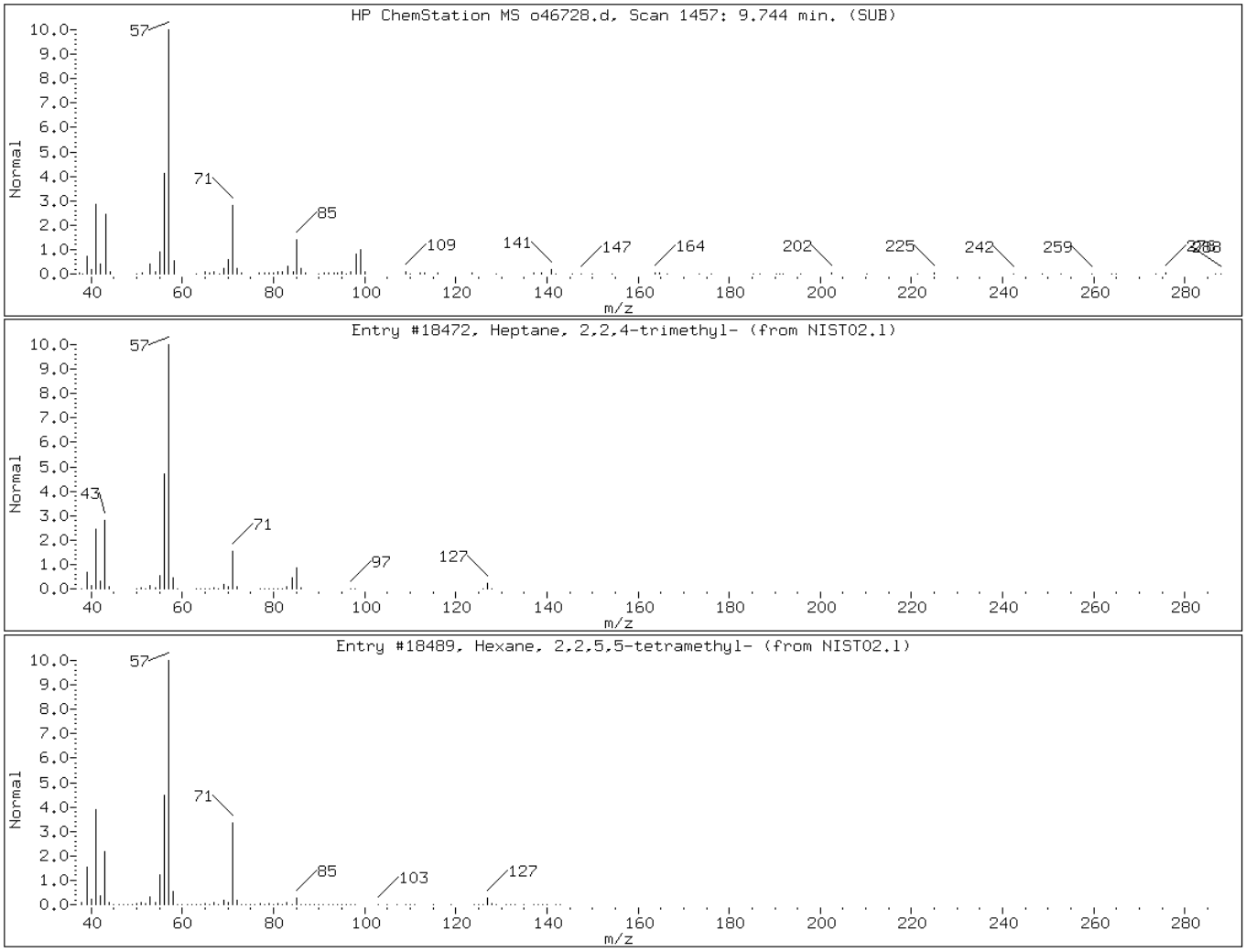
Date: 29-MAR-2011 08:12

Client ID: PMP-10-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-7-A;;;4.30;5 Operator: VOAMS 9

Retention Time: 9.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H22 Alkane						
Heptane, 2,2,4-trimethyl-	14720-74-2	NIST02.l	18472	53	C10H22	142
Hexane, 2,2,5,5-tetramethyl-	1071-81-4	NIST02.l	18489	53	C10H22	142



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-WT-E (7.5-8.0) | Lab Sample ID: 460-24277-8

Matrix: Solid | Lab File ID: j98628.d

Analysis Method: 8260B | Date Collected: 03/17/2011 14:35

Sample wt/vol: 6.46(g) | Date Analyzed: 03/24/2011 15:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 9.4 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	43	U	43	9.0
74-83-9	Bromomethane	43	U	43	13
75-01-4	Vinyl chloride	43	U	43	5.1
75-00-3	Chloroethane	43	U	43	19
75-09-2	Methylene Chloride	43	U	43	8.2
67-64-1	Acetone	430	U	430	110
75-15-0	Carbon disulfide	43	U	43	6.2
75-69-4	Trichlorofluoromethane	43	U	43	6.7
75-35-4	1,1-Dichloroethene	43	U	43	6.0
75-34-3	1,1-Dichloroethane	43	U	43	4.3
156-60-5	trans-1,2-Dichloroethene	43	U	43	5.9
156-59-2	cis-1,2-Dichloroethene	43	U	43	8.3
67-66-3	Chloroform	43	U	43	6.6
78-93-3	2-Butanone	430	U	430	35
107-06-2	1,2-Dichloroethane	43	U	43	11
71-55-6	1,1,1-Trichloroethane	43	U	43	11
56-23-5	Carbon tetrachloride	43	U	43	7.7
71-43-2	Benzene	43	U	43	5.1
75-25-2	Bromoform	43	U	43	4.2
100-42-5	Styrene	43	U	43	5.9
100-41-4	Ethylbenzene	43	U	43	11
108-90-7	Chlorobenzene	43	U	43	7.1
110-82-7	Cyclohexane	43	U	43	5.3
98-82-8	Isopropylbenzene	43	U	43	9.1
591-78-6	2-Hexanone	430	U	430	23
1634-04-4	MTBE	43	U	43	7.9
76-13-1	Freon TF	43	U	43	12
79-20-9	Methyl acetate	85	U	85	14
123-91-1	1,4-Dioxane	2100	U	2100	360
79-01-6	Trichloroethene	43	U	43	7.6
108-88-3	Toluene	43	U	43	4.0
10061-02-6	trans-1,3-Dichloropropene	43	U	43	5.2
108-10-1	4-Methyl-2-pentanone	430	U	430	29
10061-01-5	cis-1,3-Dichloropropene	43	U	43	4.4
95-50-1	1,2-Dichlorobenzene	43	U	43	7.0
541-73-1	1,3-Dichlorobenzene	43	U	43	9.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-WT-E (7.5-8.0) | Lab Sample ID: 460-24277-8

Matrix: Solid | Lab File ID: j98628.d

Analysis Method: 8260B | Date Collected: 03/17/2011 14:35

Sample wt/vol: 6.46(g) | Date Analyzed: 03/24/2011 15:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 9.4 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	43	U	43	6.4
120-82-1	1,2,4-Trichlorobenzene	43	U	43	19
87-61-6	1,2,3-Trichlorobenzene	43	U	43	36
78-87-5	1,2-Dichloropropane	43	U	43	3.7
108-87-2	Methylcyclohexane	67		43	3.4
127-18-4	Tetrachloroethene	15	J	43	8.4
1330-20-7	Xylenes, Total	130	U	130	19
96-12-8	1,2-Dibromo-3-Chloropropane	43	U	43	6.6
79-34-5	1,1,2,2-Tetrachloroethane	43	U	43	3.7
79-00-5	1,1,2-Trichloroethane	43	U	43	4.2
124-48-1	Dibromochloromethane	43	U	43	4.3
106-93-4	1,2-Dibromoethane	43	U	43	3.9
75-71-8	Dichlorodifluoromethane	43	U	43	12
74-97-5	Bromochloromethane	43	U	43	7.4
75-27-4	Bromodichloromethane	43	U	43	3.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		57-135
2037-26-5	Toluene-d8 (Surr)	93		46-130
460-00-4	Bromofluorobenzene	114		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-WT-E (7.5-8.0) Lab Sample ID: 460-24277-8

Matrix: Solid Lab File ID: j98628.d

Analysis Method: 8260B Date Collected: 03/17/2011 14:35

Sample wt/vol: 6.46(g) Date Analyzed: 03/24/2011 15:58

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 9.4 Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 28400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C7H16 Alkane	7.16	2100	J
	C8H18 Alkane	7.62	10000	J
	C8H18 Alkane-1	9.04	1800	J
	C8H18 Alkane-2	9.19	1800	J
	Unknown Cycloalkane	14.19	1800	J
	C11H16 Aromatic	14.79	1800	J
	Coeluting Alkanes-1	15.05	1400	J
	Decahydromethylnaphthalene isomer	15.27	4100	J
700-56-1	2-Methyladamantane	16.09	2100	J N
	Unknown-2	18.26	1500	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98628.d
Report Date: 25-Mar-2011 14:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98628.d
Lab Smp Id: 460-24277-B-8-A Client Smp ID: PMP-10-WT-E (7.5-8.
Inj Date : 24-MAR-2011 15:58
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-8-A;50;;6.46;5
Misc Info : 460-24277-B-8-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 13
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.46000	Weight of sample extracted (g)
M	9.38144	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.480	7.474	(0.948)	408973	53.1192	2300
* 52 Fluorobenzene	96	7.892	7.883	(1.000)	1214368	50.0000	
56 Methyl cyclohexane	83	8.567	8.560	(1.086)	13514	1.55756	66
$ 65 Toluene-d8 (SUR)	98	9.753	9.748	(0.859)	1006688	46.7475	2000
71 Tetrachloroethene	166	10.453	10.441	(0.921)	3916	0.36066	15(a)
* 78 Chlorobenzene-d5	117	11.350	11.346	(1.000)	920987	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	12.546	12.550	(0.910)	561590	56.8142	2400
* 108 1,4-Dichlorobenzene-d4	152	13.788	13.789	(1.000)	520926	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98628.d
Report Date: 25-Mar-2011 14:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98628.d
Lab Smp Id: 460-24277-B-8-A Client Smp ID: PMP-10-WT-E (7.5-8.
Inj Date : 24-MAR-2011 15:58
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-8-A;50;;6.46;5
Misc Info : 460-24277-B-8-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 13
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.46000	Weight of sample extracted (g)
M	9.38144	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Fluorobenzene	7.892	2752407	50.000
* 108 1,4-Dichlorobenzene-d4	13.788	4023340	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C7H16 Alkane					CAS #:		
7.160	2655632	48.2419970	2100	0	0		52(L)
C8H18 Alkane					CAS #:		
7.617	13346873	242.458171	10000	0	0		52

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98628.d
Report Date: 25-Mar-2011 14:02

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C8H18 Alkane-1					CAS #:		
9.041	2363065	42.9272392	1800	0		0	52
C8H18 Alkane-2					CAS #:		
9.188	2331732	42.3580556	1800	0		0	52
Unknown Alkene					CAS #:		
12.712	1934116	24.0361884	1000	0		0	108
Coeluting Alkanes					CAS #:		
12.949	2229708	27.7096576	1200	0		0	108
Unknown Alkane					CAS #:		
13.558	1841456	22.8846568	980	0		0	108
Unknown Cycloalkane					CAS #:		
14.189	3358774	41.7411012	1800	0		0	108
Unknown Cycloalkane-1					CAS #:		
14.400	2263535	28.1300476	1200	0		0	108
C11H16 Aromatic					CAS #:		
14.794	3408425	42.3581408	1800	0		0	108
Coeluting Alkanes-1					CAS #:		
15.047	2686387	33.3850232	1400	0		0	108
Decahydromethylnaphthalene isomer					CAS #:		
15.267	7703184	95.7311839	4100	0		0	108
C11H16 Aromatic-1					CAS #:		
15.904	1984097	24.6573286	1000	0		0	108
2-Methyladamantane					CAS #: 700-56-1		
16.085	3925538	48.7845608	2100	50	NIST02.l	22866	108
Unknown					CAS #:		
16.389	2444116	30.3742115	1300	0		0	108
Naphthalene, decahydro-1,6-dimethyl-4-(1					CAS #: 29788-41-8		
17.536	2385144	29.6413340	1300	43	NIST02.l	61726	108
Unknown-2					CAS #:		
18.263	2885589	35.8606084	1500	0		0	108

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98628.d
Report Date: 25-Mar-2011 14:02

QC Flag Legend

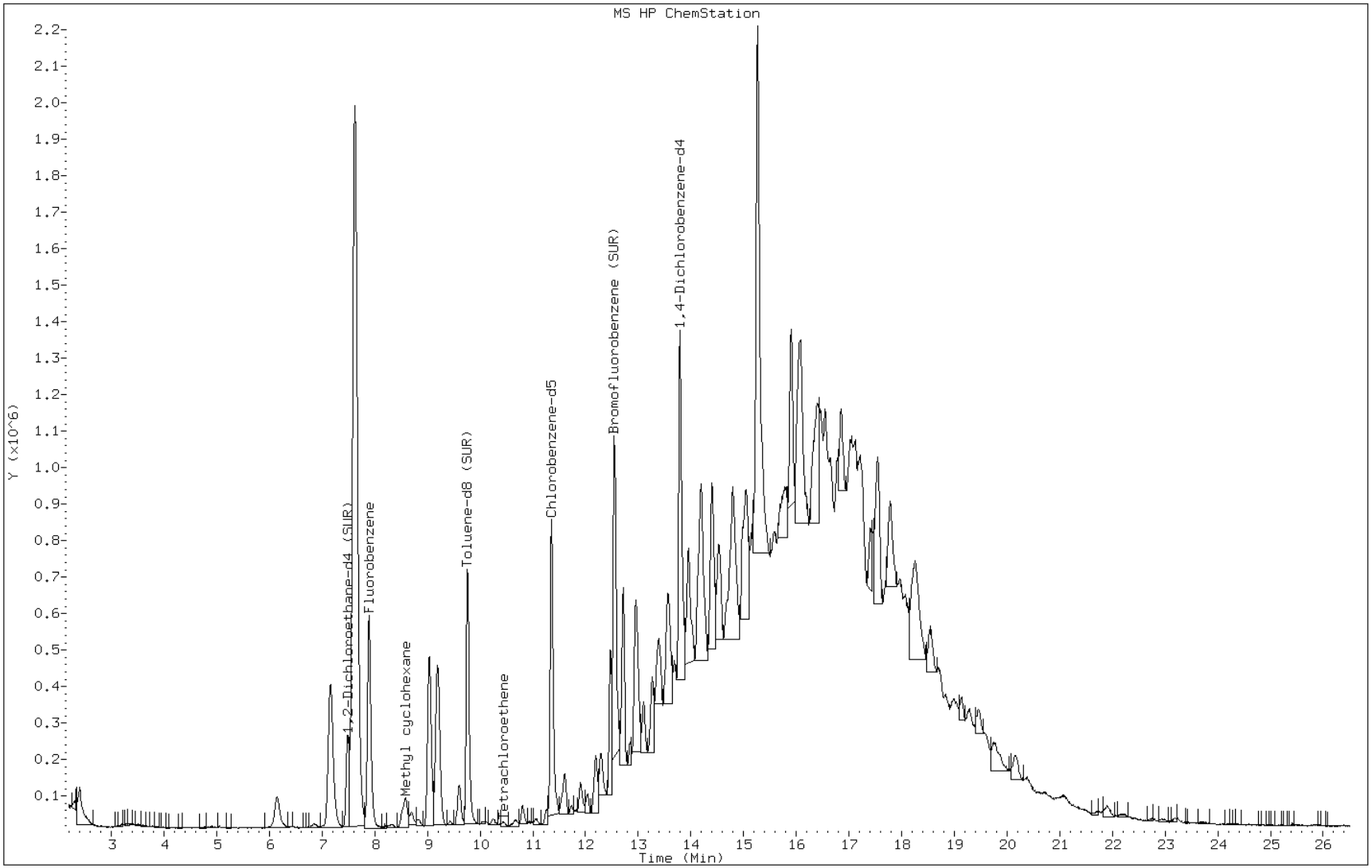
L - Operator selected an alternate library search match.

Data File: j98628.d

Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:



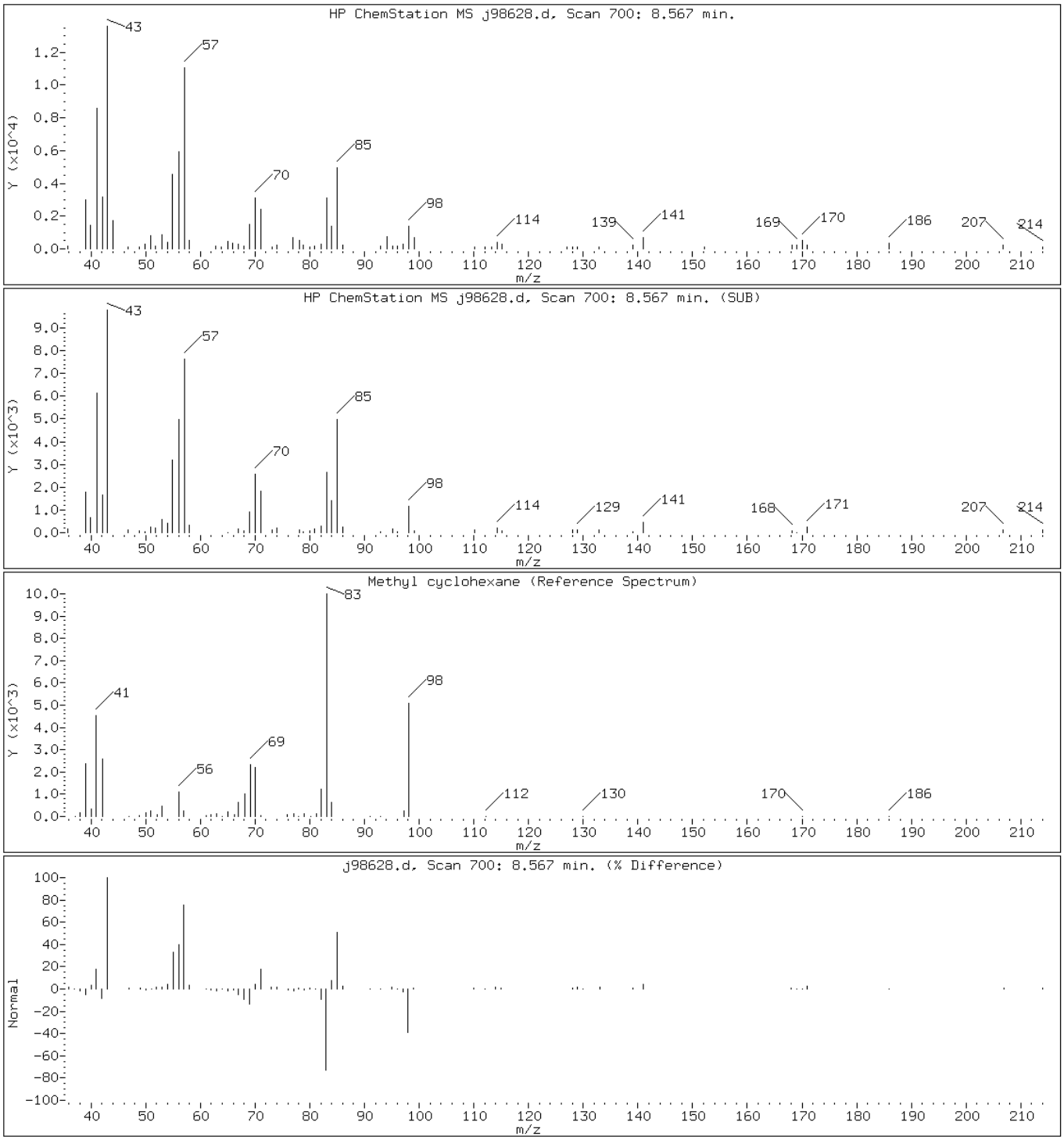
Data File: j98628.d

Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:

56 Methyl cyclohexane



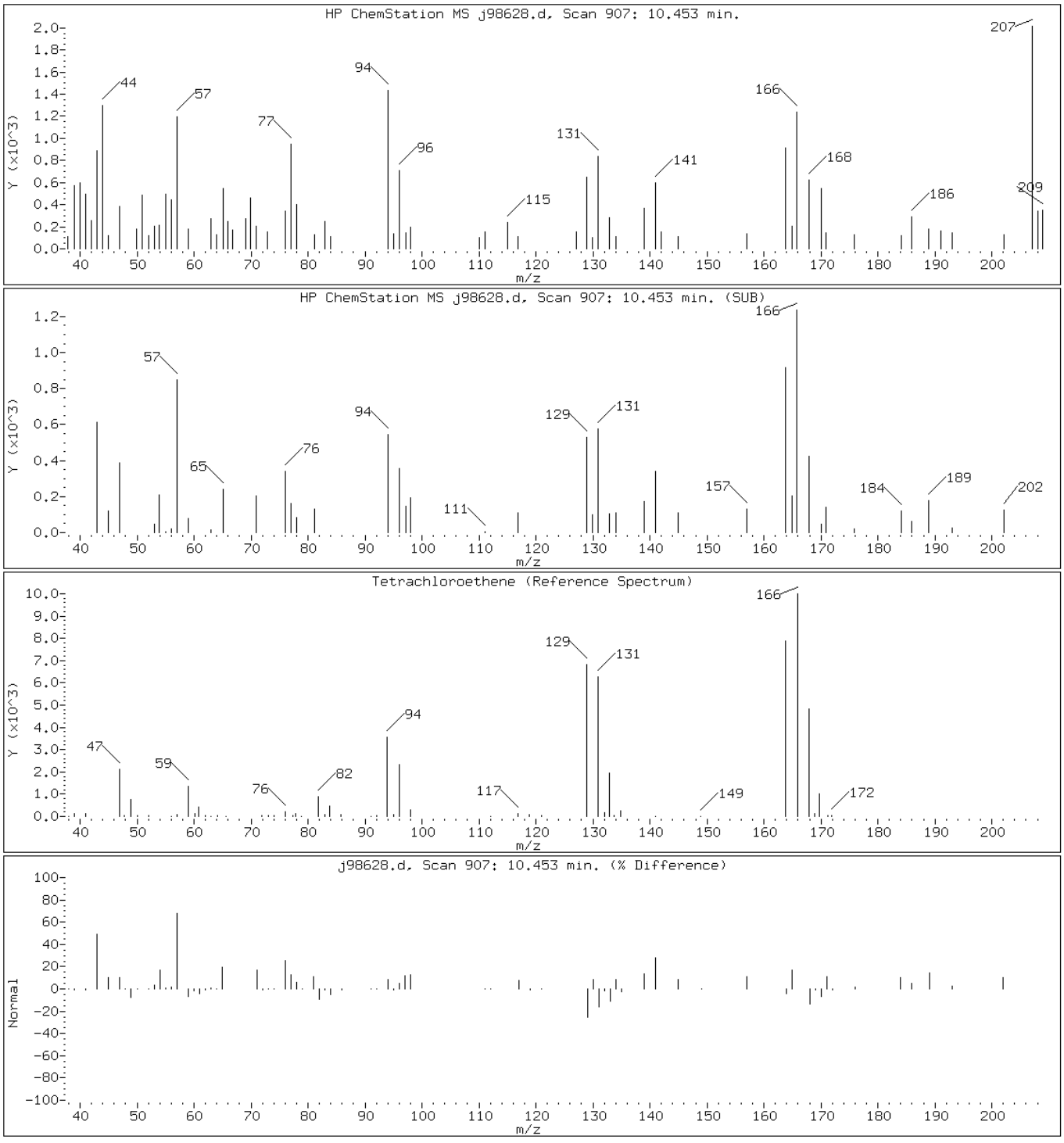
Data File: j98628.d

Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:

71 Tetrachloroethene



Data File: j98628.d

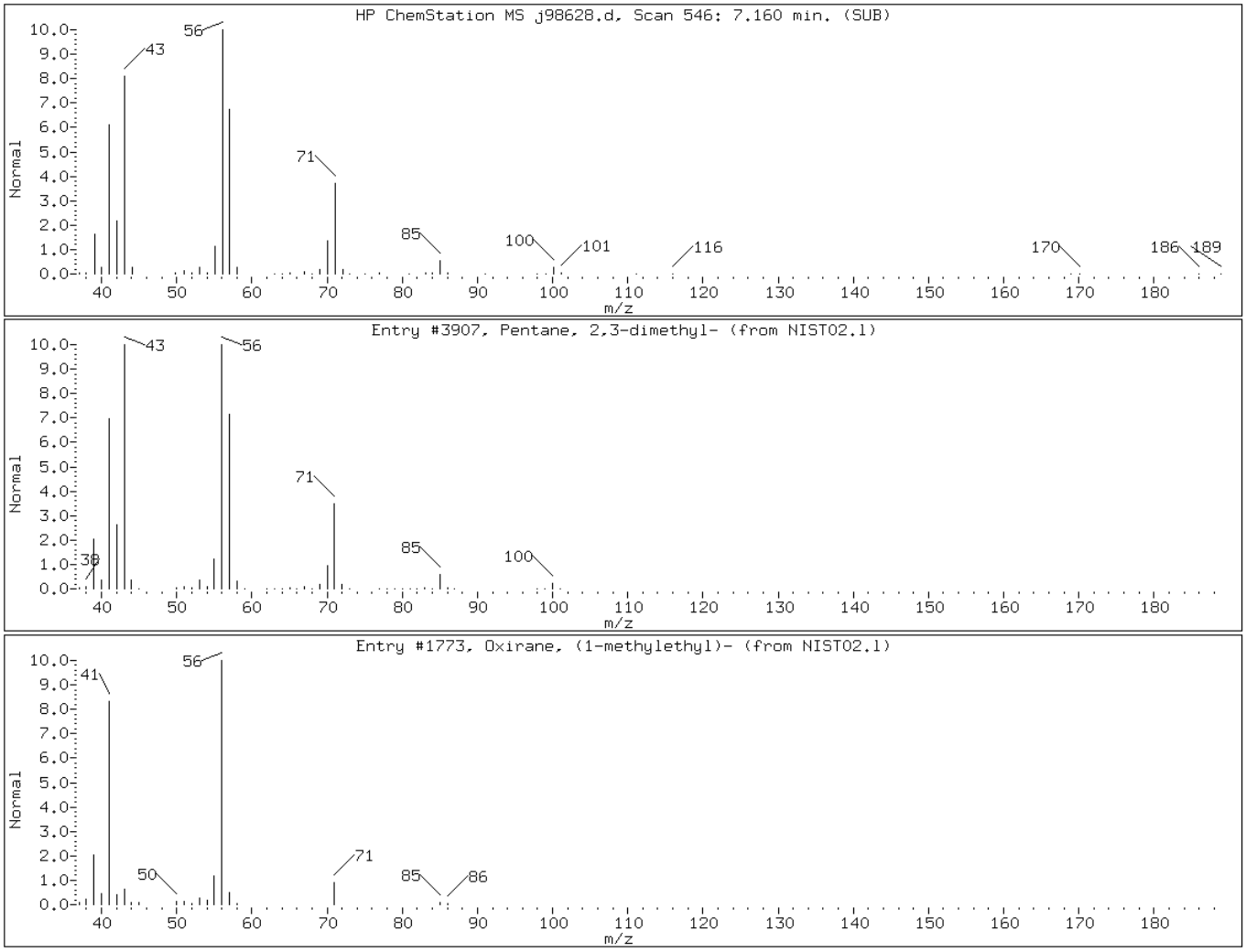
Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:

Retention Time: 7.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C7H16 Alkane						
Pentane, 2,3-dimethyl-	565-59-3	NIST02.l	3907	91	C7H16	100
Oxirane, (1-methylethyl)-	1438-14-8	NIST02.l	1773	50	C5H10O	86



Data File: j98628.d

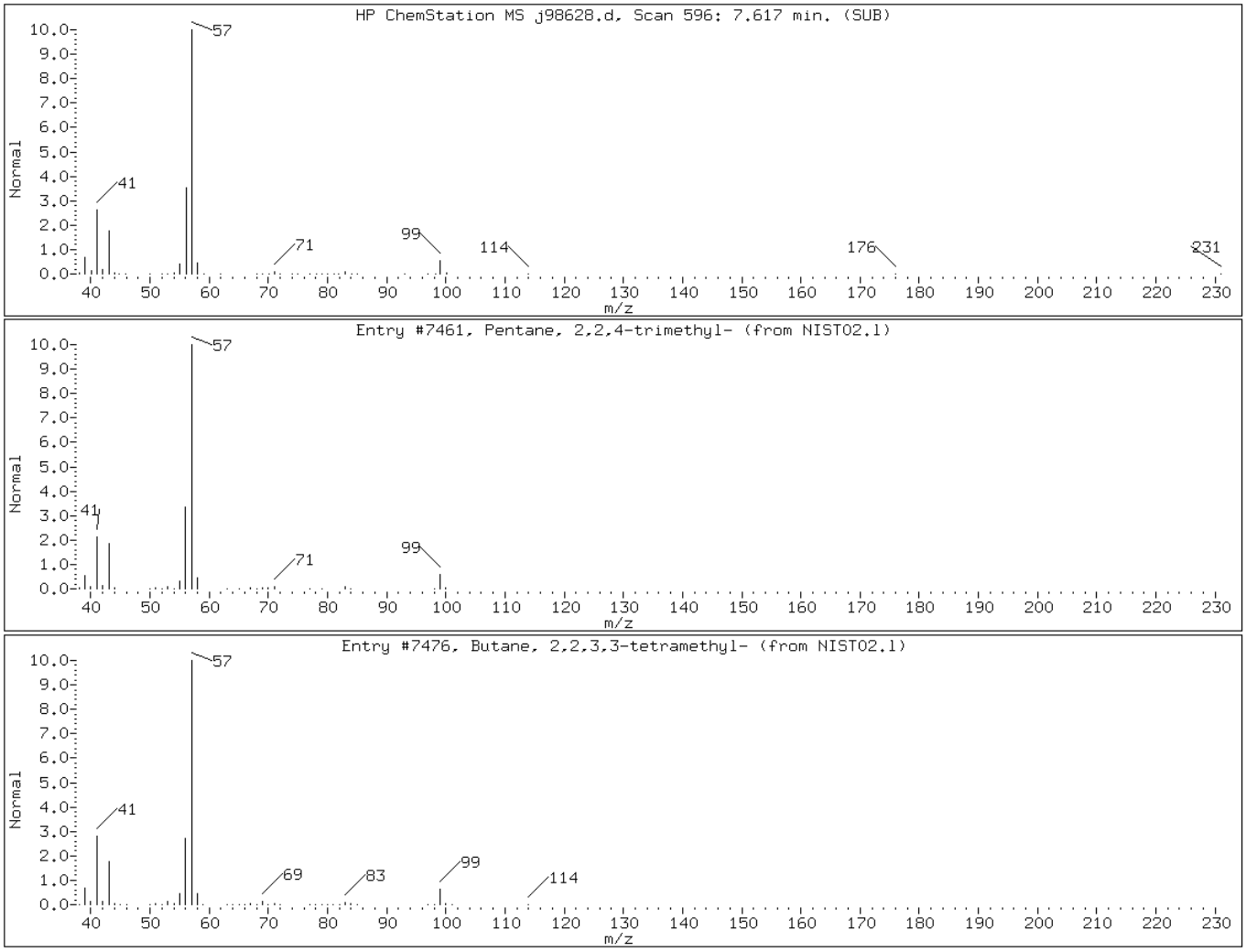
Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:

Retention Time: 7.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C8H18 Alkane						
Pentane, 2,2,4-trimethyl-	540-84-1	NIST02.l	7461	83	C8H18	114
Butane, 2,2,3,3-tetramethyl-	594-82-1	NIST02.l	7476	83	C8H18	114



Data File: j98628.d

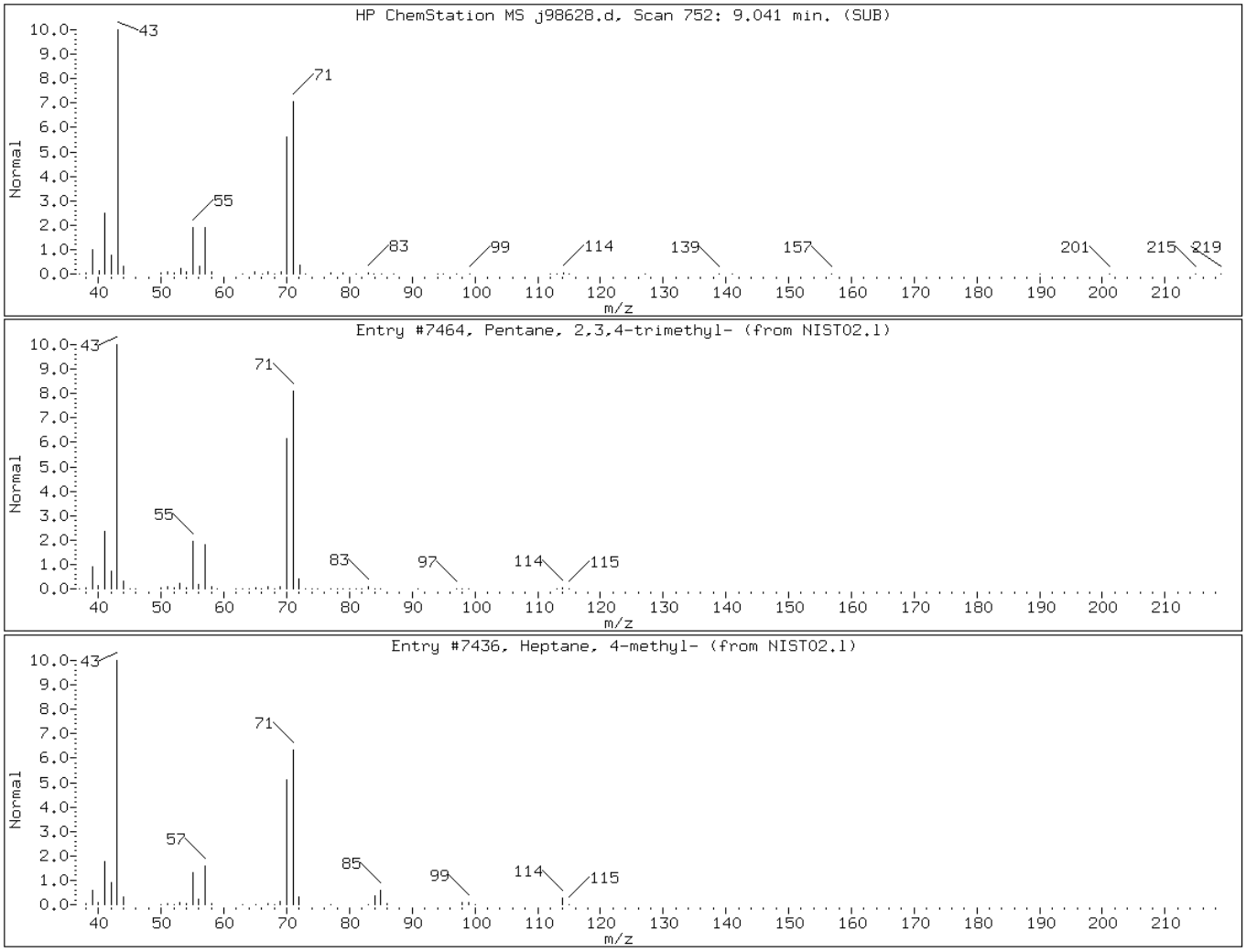
Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:

Retention Time: 9.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C8H18 Alkane-1						
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.l	7464	91	C8H18	114
Heptane, 4-methyl-	589-53-7	NIST02.l	7436	83	C8H18	114



Data File: j98628.d

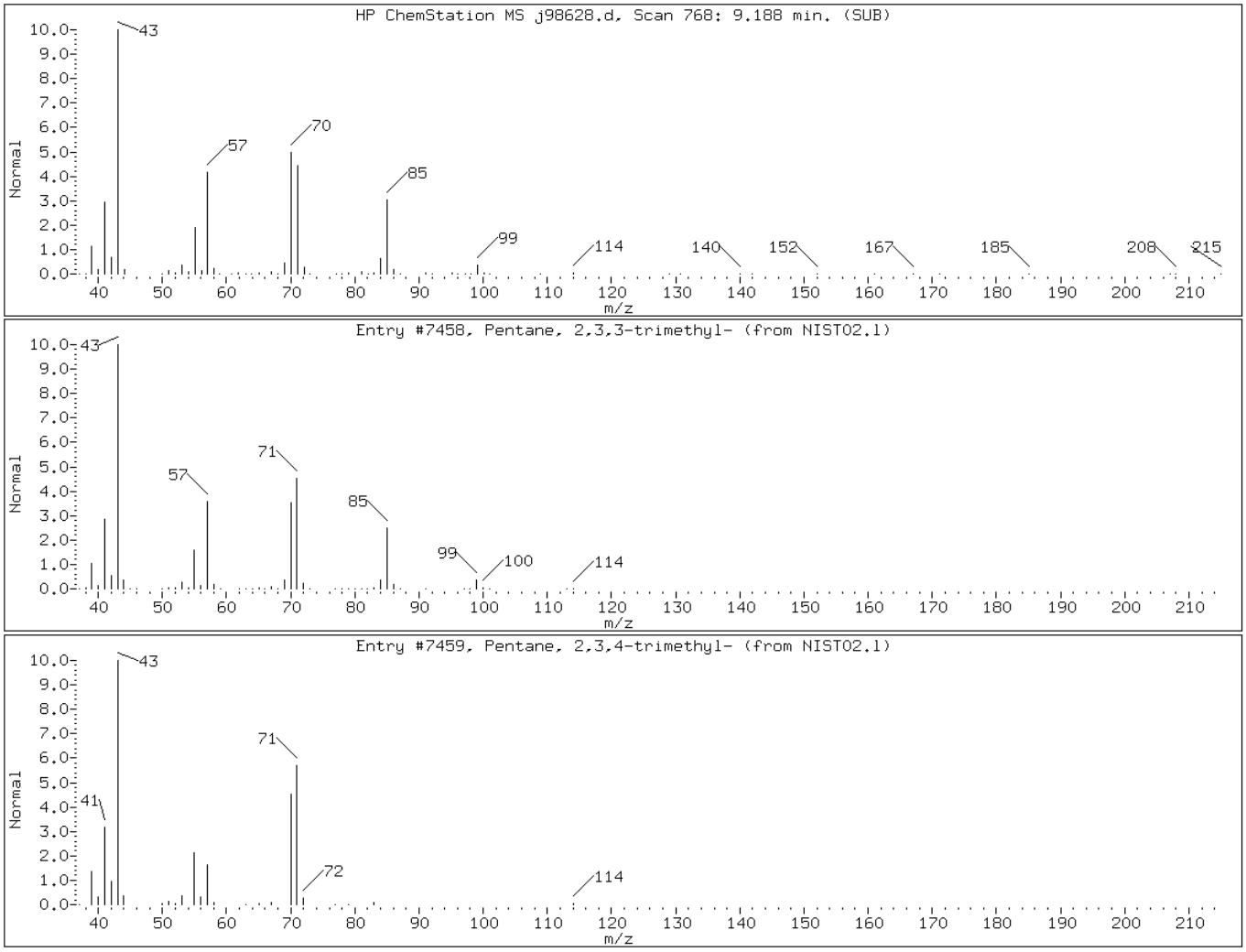
Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:

Retention Time: 9.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C8H18 Alkane-2						
Pentane, 2,3,3-trimethyl-	560-21-4	NIST02.l	7458	90	C8H18	114
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.l	7459	64	C8H18	114



Data File: j98628.d

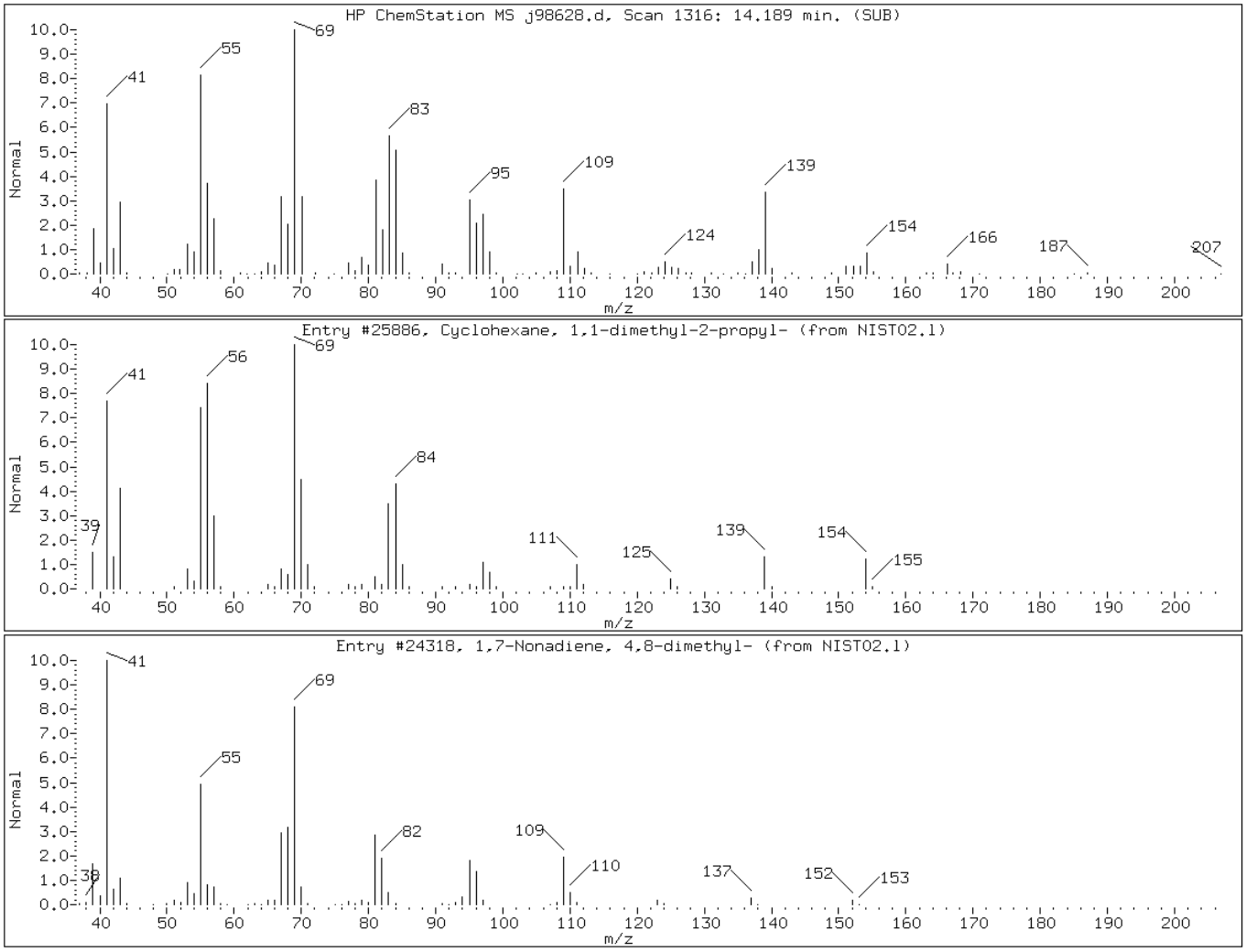
Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:

Retention Time: 14.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, 1,1-dimethyl-2-propyl	81983-71-3	NIST02.l	25886	43	C11H22	154
1,7-Nonadiene, 4,8-dimethyl-	62108-28-5	NIST02.l	24318	43	C11H20	152



Data File: j98628.d

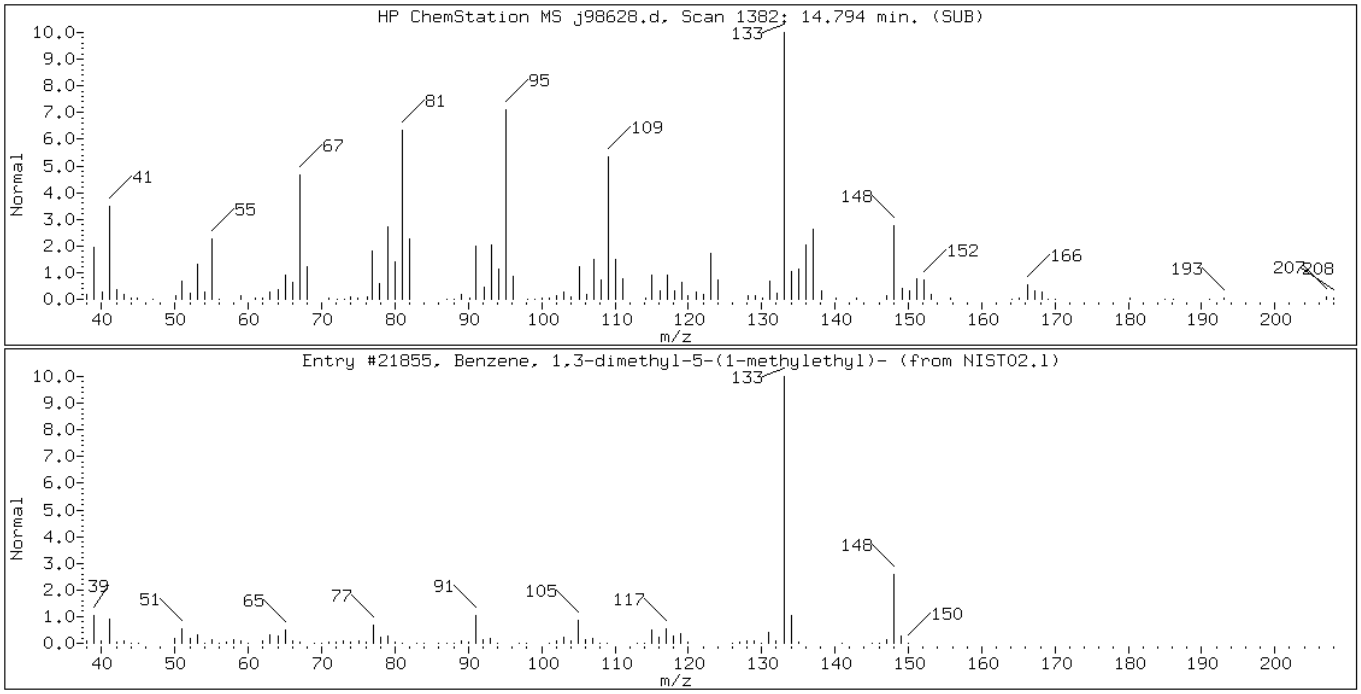
Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:

Retention Time: 14.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic						
Benzene, 1,3-dimethyl-5-(1-methyle	4706-90-5	NIST02.l	21855	70	C11H16	148



Data File: j98628.d

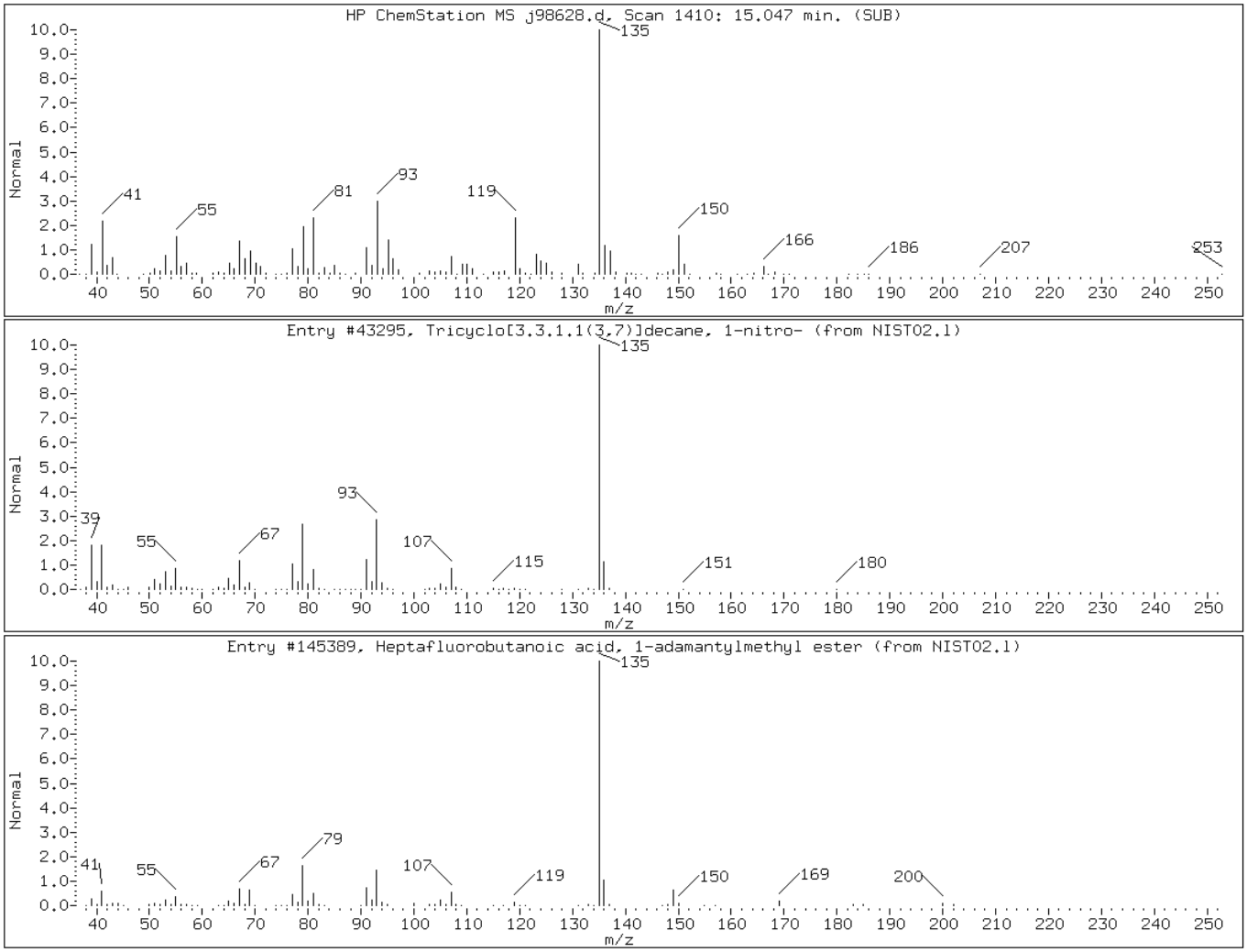
Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:

Retention Time: 15.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Alkanes-1						
Tricyclo[3.3.1.1(3,7)]decane, 1-ni	7575-82-8	NIST02.l	43295	52	C10H15NO2	181
Heptafluorobutanoic acid, 1-adaman	1000282-96-9	NIST02.l	145389	50	C15H17F7O2	362



Data File: j98628.d

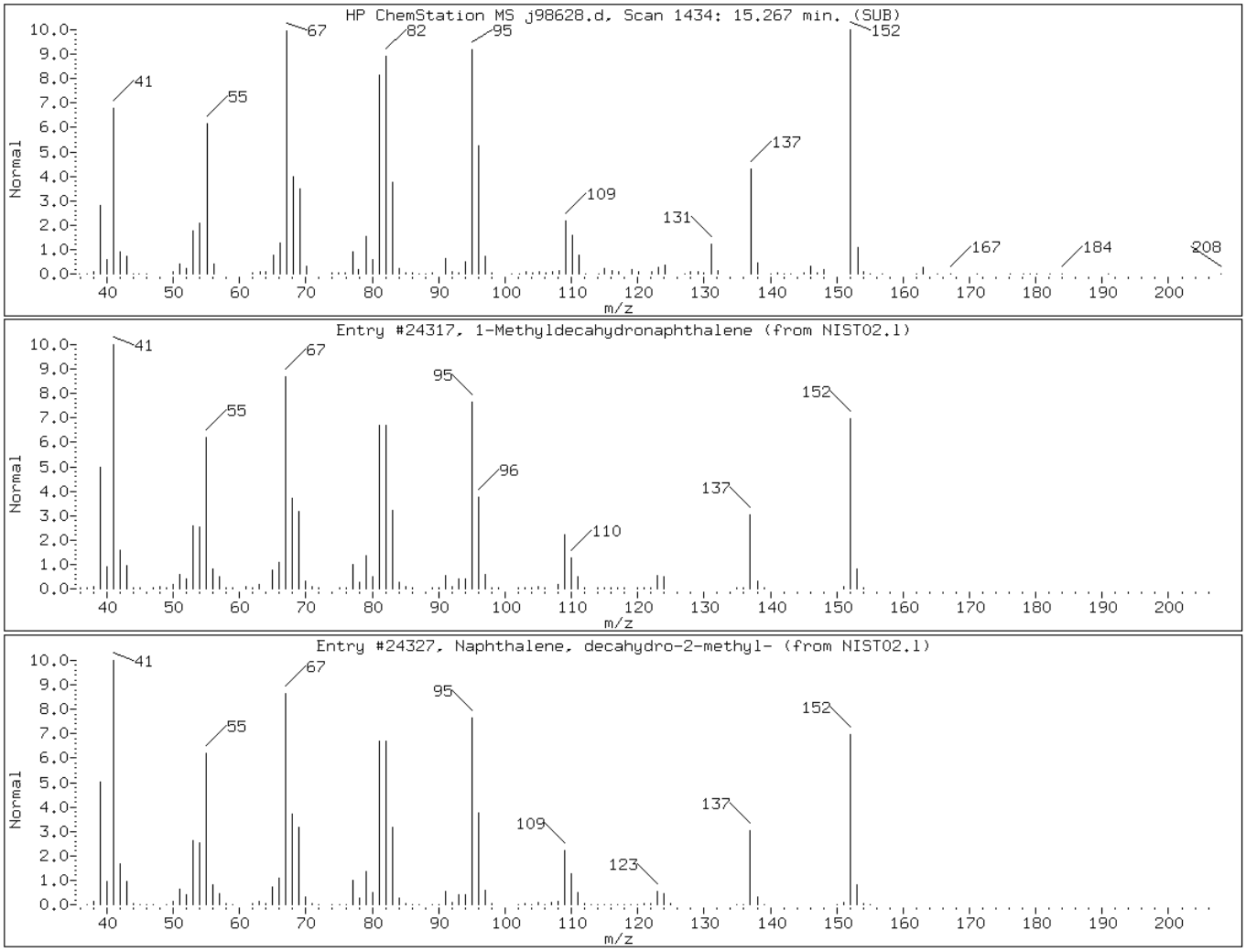
Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:

Retention Time: 15.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	94	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	94	C11H20	152



Data File: j98628.d

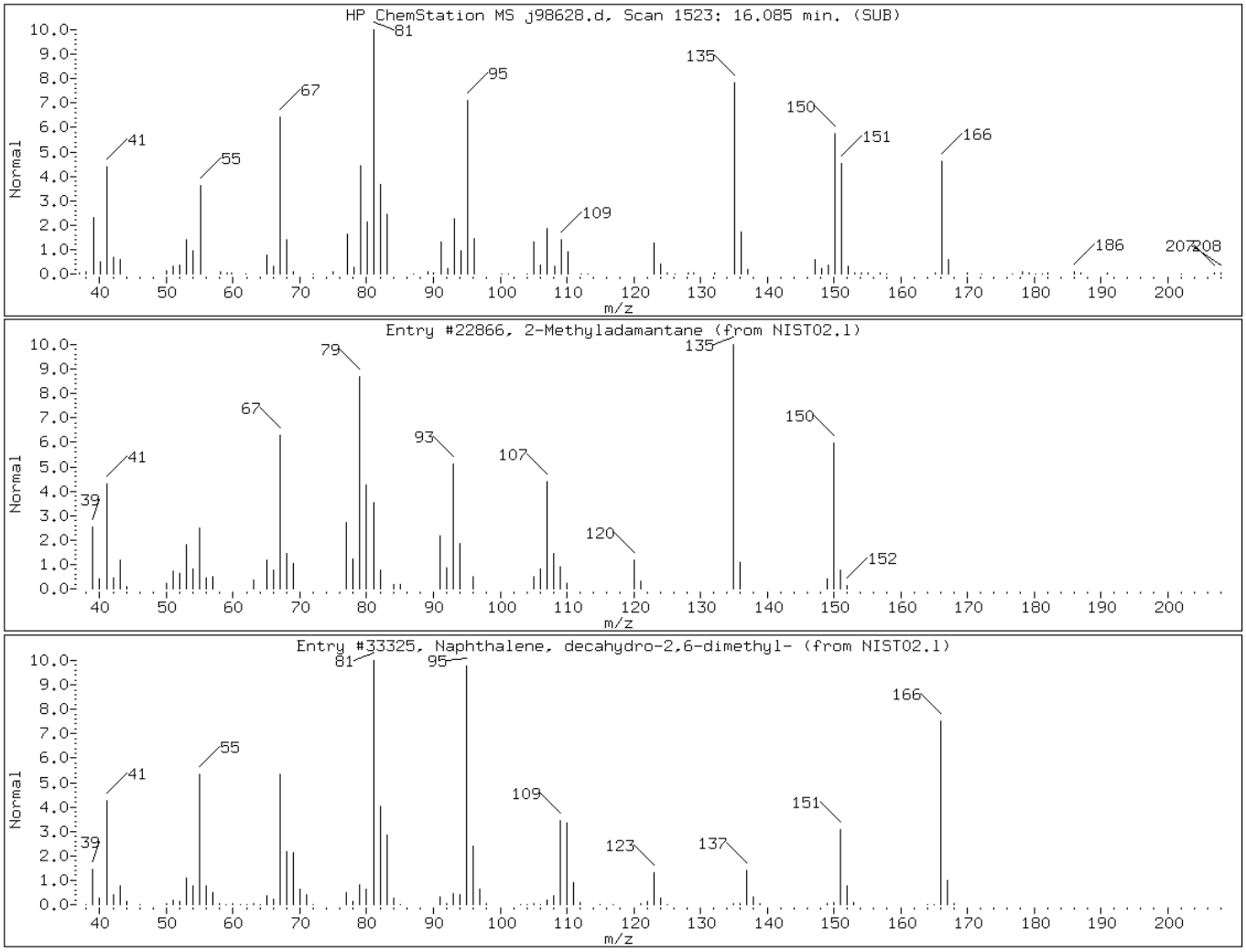
Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:

Retention Time: 16.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Methyladamantane	700-56-1	NIST02.l	22866	50	C11H18	150
Naphthalene, decahydro-2,6-dimethy	1618-22-0	NIST02.l	33325	41	C12H22	166



Data File: j98628.d

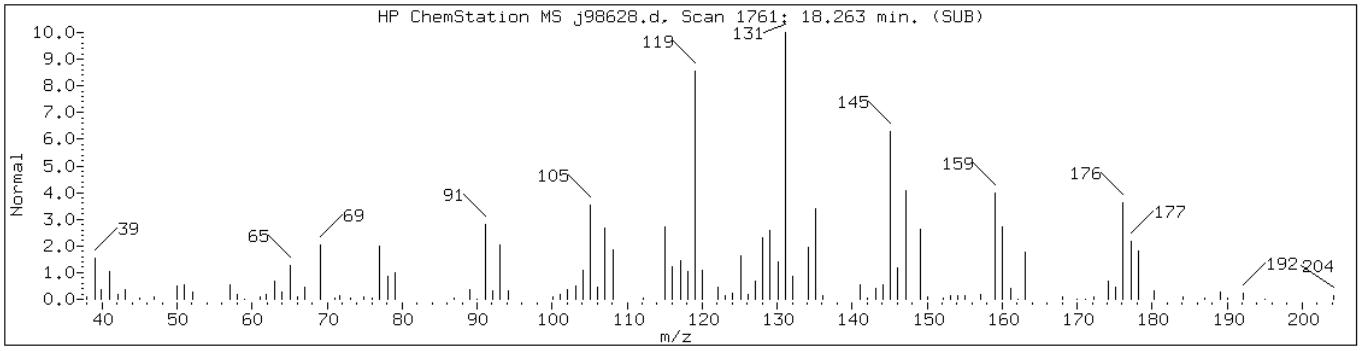
Date: 24-MAR-2011 15:58

Client ID: PMP-10-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-8-A;50;;6.46;5 Operator:

Retention Time: 18.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Unknown						



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST1-E (15-15.5) | Lab Sample ID: 460-24277-9

Matrix: Solid | Lab File ID: o46730.d

Analysis Method: 8260B | Date Collected: 03/17/2011 14:40

Sample wt/vol: 6.62(g) | Date Analyzed: 03/29/2011 09:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.89	U H	0.89	0.56
74-83-9	Bromomethane	0.89	U H	0.89	0.36
75-01-4	Vinyl chloride	0.89	U H	0.89	0.21
75-00-3	Chloroethane	0.89	U H	0.89	0.36
75-09-2	Methylene Chloride	0.89	U H	0.89	0.42
67-64-1	Acetone	540	H	8.9	3.3
75-15-0	Carbon disulfide	15	H	0.89	0.41
75-69-4	Trichlorofluoromethane	0.89	U H	0.89	0.23
75-35-4	1,1-Dichloroethene	0.89	U H	0.89	0.33
75-34-3	1,1-Dichloroethane	0.89	U H	0.89	0.22
156-60-5	trans-1,2-Dichloroethene	0.89	U H	0.89	0.25
156-59-2	cis-1,2-Dichloroethene	0.89	U H	0.89	0.21
67-66-3	Chloroform	11	H	0.89	0.21
78-93-3	2-Butanone	62	H	8.9	0.51
107-06-2	1,2-Dichloroethane	0.89	U H	0.89	0.35
71-55-6	1,1,1-Trichloroethane	0.89	U H	0.89	0.17
56-23-5	Carbon tetrachloride	0.89	U H	0.89	0.090
71-43-2	Benzene	0.89	U H	0.89	0.66
75-25-2	Bromoform	0.89	U H	0.89	0.62
100-42-5	Styrene	0.89	U H	0.89	0.31
100-41-4	Ethylbenzene	15	H	0.89	0.17
108-90-7	Chlorobenzene	0.89	U H	0.89	0.43
110-82-7	Cyclohexane	0.89	U H	0.89	0.20
98-82-8	Isopropylbenzene	15	H	0.89	0.23
591-78-6	2-Hexanone	8.9	U H	8.9	1.5
1634-04-4	MTBE	0.89	U H	0.89	0.31
76-13-1	Freon TF	0.89	U H	0.89	0.42
79-20-9	Methyl acetate	0.89	U H	0.89	0.80
123-91-1	1,4-Dioxane	45	U H	45	3.7
79-01-6	Trichloroethene	0.89	U H	0.89	0.32
108-88-3	Toluene	3.0	H	0.89	0.27
10061-02-6	trans-1,3-Dichloropropene	0.89	U H	0.89	0.20
108-10-1	4-Methyl-2-pentanone	8.9	U H	8.9	0.64
10061-01-5	cis-1,3-Dichloropropene	0.89	U H	0.89	0.18
95-50-1	1,2-Dichlorobenzene	0.89	U H	0.89	0.57
541-73-1	1,3-Dichlorobenzene	0.89	U H	0.89	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST1-E (15-15.5) | Lab Sample ID: 460-24277-9

Matrix: Solid | Lab File ID: o46730.d

Analysis Method: 8260B | Date Collected: 03/17/2011 14:40

Sample wt/vol: 6.62(g) | Date Analyzed: 03/29/2011 09:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.89	U H	0.89	0.63
120-82-1	1,2,4-Trichlorobenzene	14	H	0.89	0.48
87-61-6	1,2,3-Trichlorobenzene	0.89	U H	0.89	0.58
78-87-5	1,2-Dichloropropane	0.89	U H	0.89	0.28
108-87-2	Methylcyclohexane	31	H	0.89	0.24
127-18-4	Tetrachloroethene	1.1	H	0.89	0.29
1330-20-7	Xylenes, Total	57	H	2.7	0.70
96-12-8	1,2-Dibromo-3-Chloropropane	0.89	U H	0.89	0.54
79-34-5	1,1,2,2-Tetrachloroethane	0.89	U H	0.89	0.68
79-00-5	1,1,2-Trichloroethane	0.89	U H	0.89	0.53
124-48-1	Dibromochloromethane	0.89	U H	0.89	0.50
106-93-4	1,2-Dibromoethane	0.89	U H	0.89	0.46
75-71-8	Dichlorodifluoromethane	0.89	U H *	0.89	0.36
74-97-5	Bromochloromethane	0.89	U H	0.89	0.24
75-27-4	Bromodichloromethane	0.89	U H	0.89	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-138
2037-26-5	Toluene-d8 (Surr)	92		66-126
460-00-4	Bromofluorobenzene	95		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST1-E (15-15.5) Lab Sample ID: 460-24277-9

Matrix: Solid Lab File ID: o46730.d

Analysis Method: 8260B Date Collected: 03/17/2011 14:40

Sample wt/vol: 6.62(g) Date Analyzed: 03/29/2011 09:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 2590

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C7H16 Alkane	3.53	340	H J
	C7H16 Alkane-1	3.86	900	H J
	C8H18 Alkane	5.10	360	H J
	C8H18 Alkane-1	5.22	230	H J
95-63-6	1,2,4-Trimethylbenzene	11.00	120	H
	C12H26 Alkane-1	13.38	150	H J
	C13H28 Alkane	13.52	140	H J
91-20-3	Naphthalene	13.84	120	H
	Unknown Cycloalkane	13.86	130	H J
	C14H30 Alkane	14.02	100	H J

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46730.d
Report Date: 30-Mar-2011 13:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46730.d
Lab Smp Id: 460-24277-B-9-A Client Smp ID: PMP-10-ST1-E (15-15
Inj Date : 29-MAR-2011 09:02
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-B-9-A;;;6.62;5
Misc Info : 460-24277-B-9-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.62000	Weight of sample extracted (g)
M	15.24590	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	121 n-Pentane	72	1.514	1.508	(0.376)	5823	5.60094	5.0
	7 Acetone	43	1.807	1.807	(0.448)	518462	609.965	540
	8 Carbon Disulfide	76	1.904	1.898	(0.472)	256345	17.1097	15
	54 Hexane	56	2.459	2.453	(0.610)	95881	20.9493	19
	18 2-Butanone	72	3.026	3.026	(0.751)	35658	69.6366	62
	15 Chloroform	83	3.276	3.276	(0.812)	123528	12.4871	11
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.709	(0.921)	170624	46.7613	42
*	69 Fluorobenzene	96	4.032	4.032	(1.000)	992358	50.0000	
	126 Methyl cyclohexane	83	4.599	4.599	(1.141)	420686	34.6414	31
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	749335	46.2354	41
	38 Toluene	91	5.885	5.885	(0.759)	91650	3.33318	3.0
	35 Tetrachloroethene	166	6.586	6.586	(0.849)	9375	1.24863	1.1
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	703688	50.0000	
	40 Ethylbenzene	106	8.001	8.001	(1.031)	161024	17.2685	15

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46730.d
Report Date: 30-Mar-2011 13:08

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	43 m+p-Xylene	106	8.190	8.184	(1.056)	376425	32.1624	29
	44 o-Xylene	106	8.781	8.781	(1.132)	367458	32.4802	29
	110 Isopropylbenzene	105	9.391	9.391	(1.211)	465143	16.8746	15
$	41 Bromofluorobenzene (SUR)	174	9.604	9.604	(0.837)	291689	47.6140	42
	112 n-Propylbenzene	91	10.067	10.067	(0.878)	1000490	26.0743	23
	102 1,3,5-Trimethylbenzene	105	10.390	10.384	(0.906)	1152114	40.8866	36
	100 1,2,4-Trimethylbenzene	105	11.000	10.994	(0.959)	3997557	139.146	120
	114 sec-Butylbenzene	105	11.274	11.268	(0.983)	1088932	29.2674	26
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.469	(1.000)	411470	50.0000	
	113 p-Isopropyltoluene	119	11.518	11.512	(1.004)	576385	17.9644	16
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	795733	27.8850	25
	93 1,2,4-Trichlorobenzene	180	13.640	13.634	(1.189)	187313	15.2780	14
	70 Naphthalene	128	13.841	13.835	(1.207)	2965329	136.036	120
M	45 Xylene (Total)	100				743883	64.2736	57

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46730.d
Report Date: 30-Mar-2011 13:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46730.d
Lab Smp Id: 460-24277-B-9-A Client Smp ID: PMP-10-ST1-E (15-15
Inj Date : 29-MAR-2011 09:02
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-B-9-A;;;6.62;5
Misc Info : 460-24277-B-9-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.62000	Weight of sample extracted (g)
M	15.24590	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 69 Fluorobenzene	4.032	2270357	50.000
* 91 1,4-Dichlorobenzene-d4	11.470	7991355	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C7H16 Alkane					CAS #:		
3.526	17330722	381.673796	340	0		0	69
C7H16 Alkane-1					CAS #:		
3.861	45649351	1005.33382	900	0		0	69

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46730.d
Report Date: 30-Mar-2011 13:08

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C8H18 Alkane					CAS #:		
5.099	18399644	405.214622	360	0	0		69
C8H18 Alkane-1					CAS #:		
5.221	11597084	255.402120	230	0	0		69
C11H24 Alkane					CAS #:		
12.280	7821668	48.9383008	44	0	0		91
Ethyldimethylbenzene isomer					CAS #:		
12.640	14652782	91.6789470	82	0	0		91
C12H24 Cycloalkane					CAS #:		
12.841	9328498	58.3661750	52	0	0		91
Decahydromethylnaphthalene isomer					CAS #:		
12.890	9747095	60.9852376	54	0	0		91
Tetramethylbenzene isomer					CAS #:		
12.933	14279036	89.3405064	80	0	0		91
C12H26 Alkane					CAS #:		
13.103	10707992	66.9973435	60	0	0		91
Ethyldimethylbenzene isomer-1					CAS #:		
13.305	16193675	101.319947	90	0	0		91
C12H26 Alkane-1					CAS #:		
13.384	27268382	170.611734	150	0	0		91
C13H28 Alkane					CAS #:		
13.524	25277272	158.153834	140	0	0		91
C13H26 Cycloalkane					CAS #:		
13.798	8280950	51.8119213	46	0	0		91
Unknown Cycloalkane					CAS #:		
13.859	22952628	143.609093	130	0	0		91(L)
C14H30 Alkane					CAS #:		
14.018	18081230	113.129926	100	0	0		91
Methylnaphthalene isomer					CAS #:		
14.743	8000020	50.0542072	45	0	0		91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46730.d
Report Date: 30-Mar-2011 13:08

QC Flag Legend

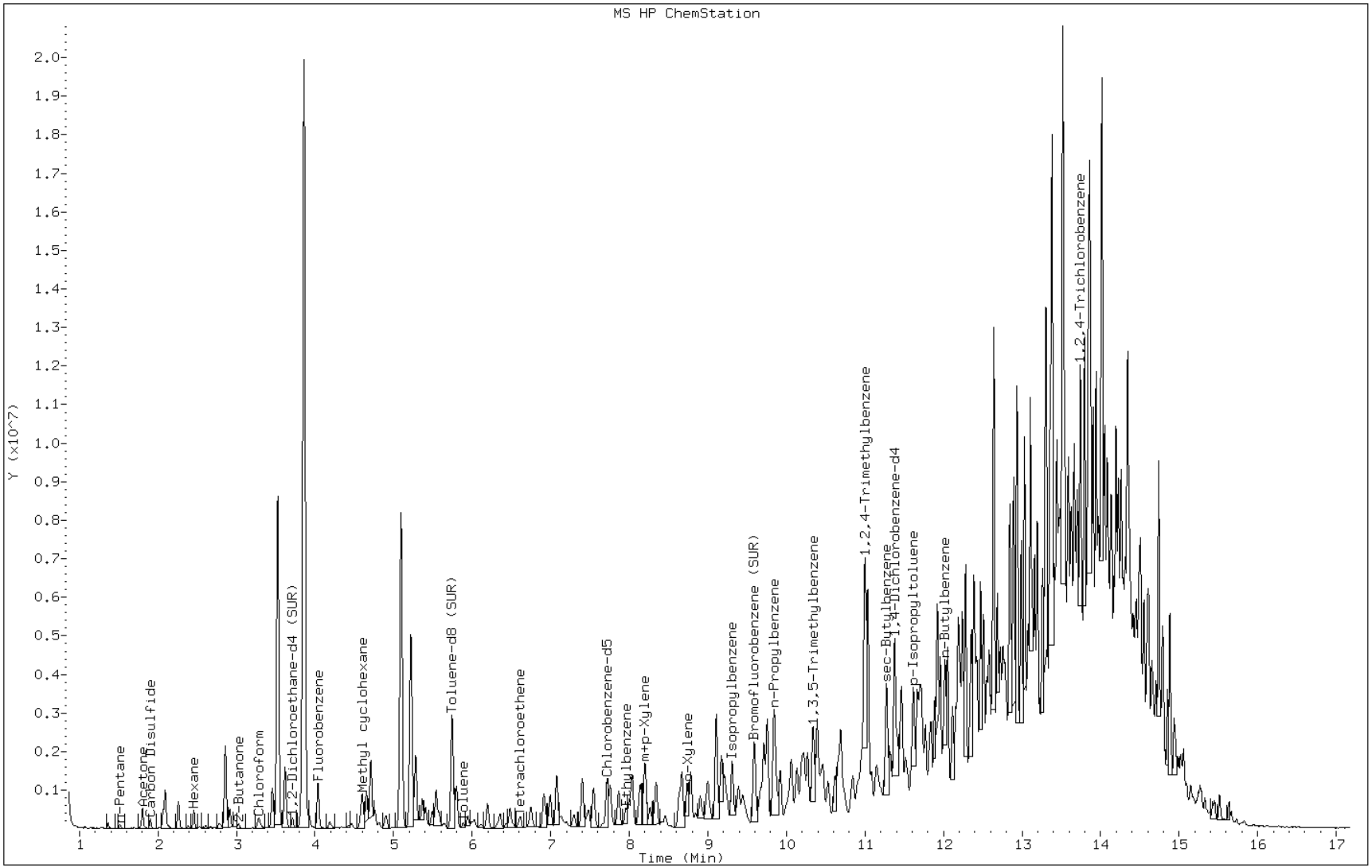
L - Operator selected an alternate library search match.

Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9



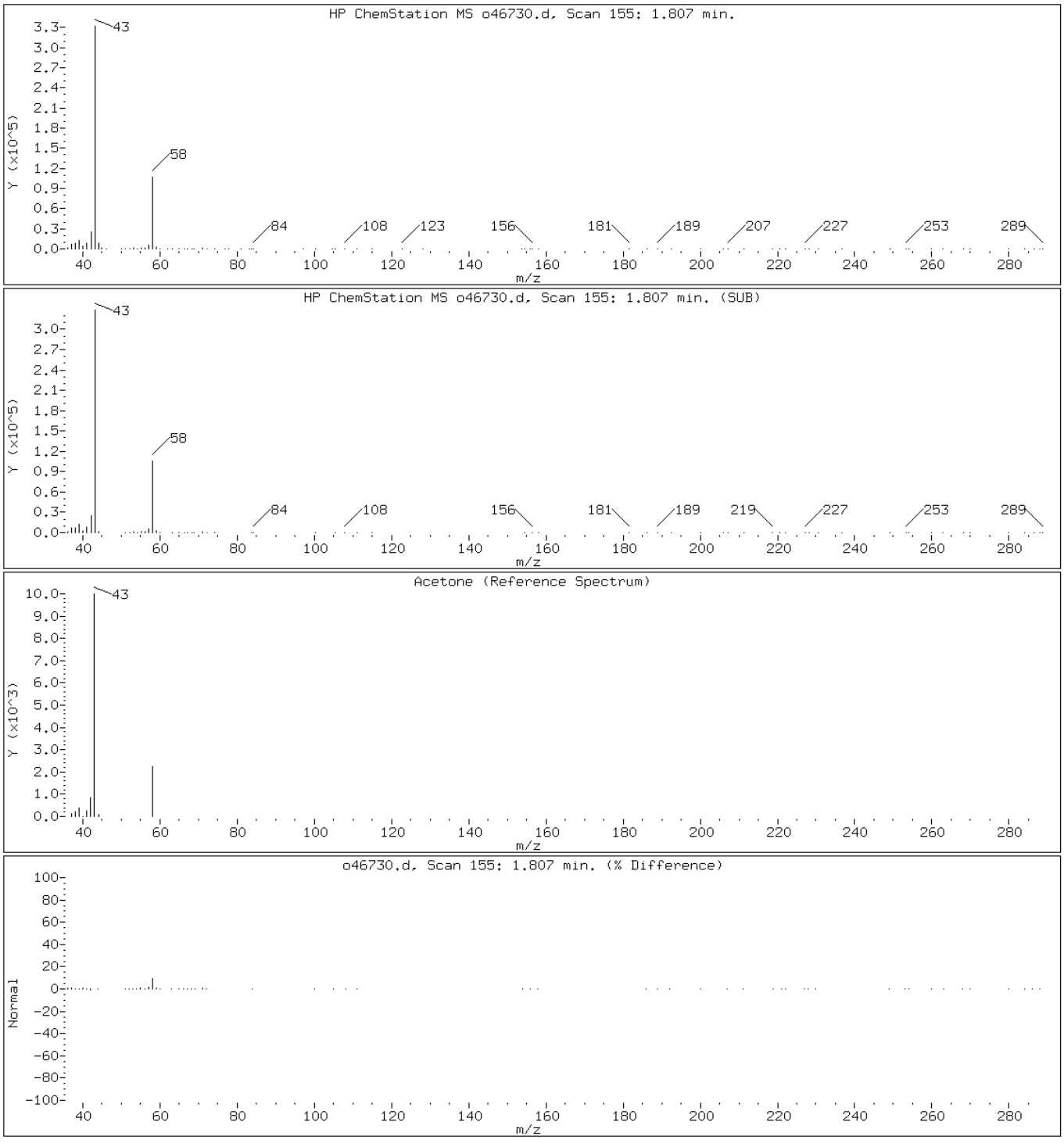
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

7 Acetone



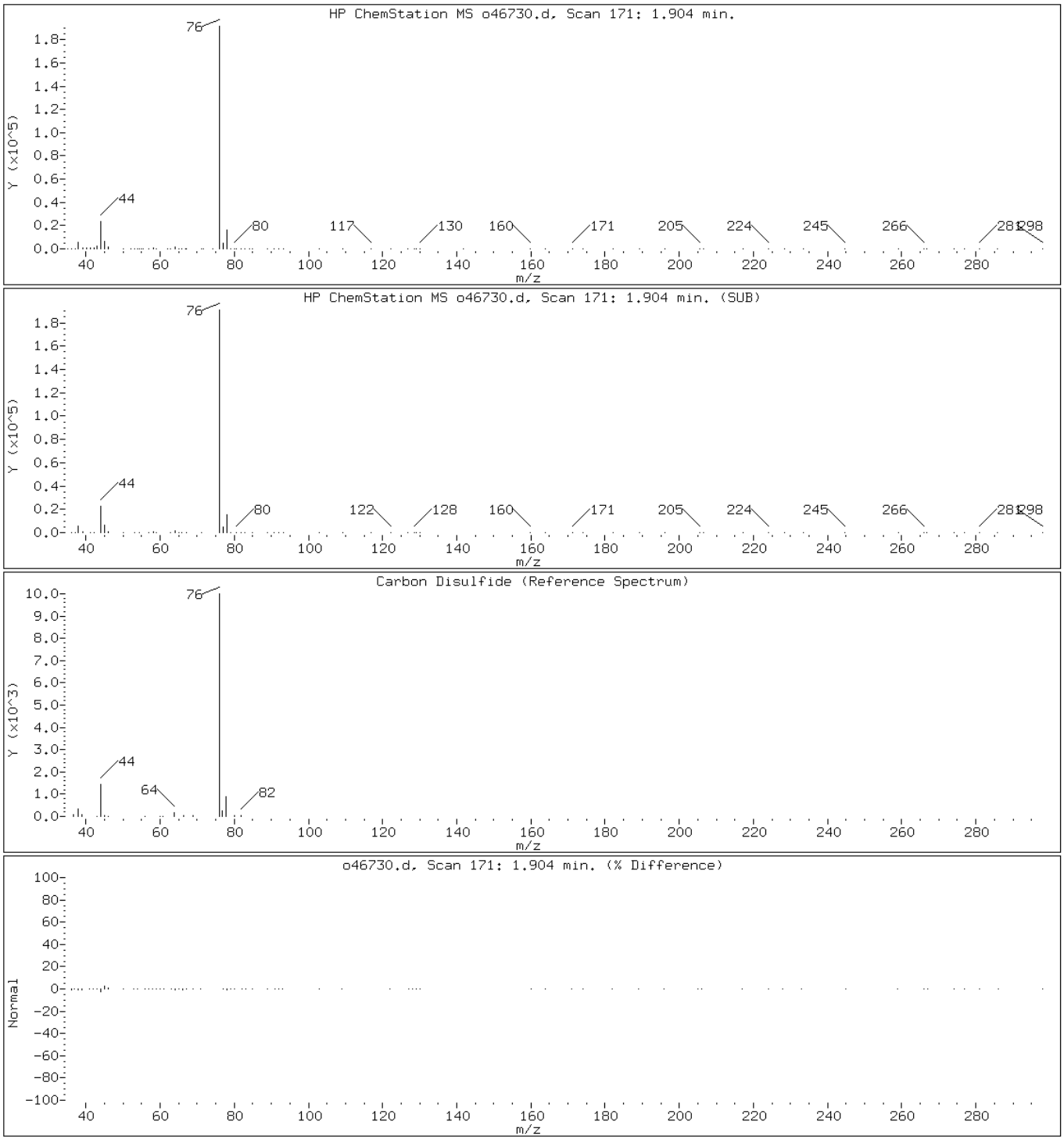
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

8 Carbon Disulfide



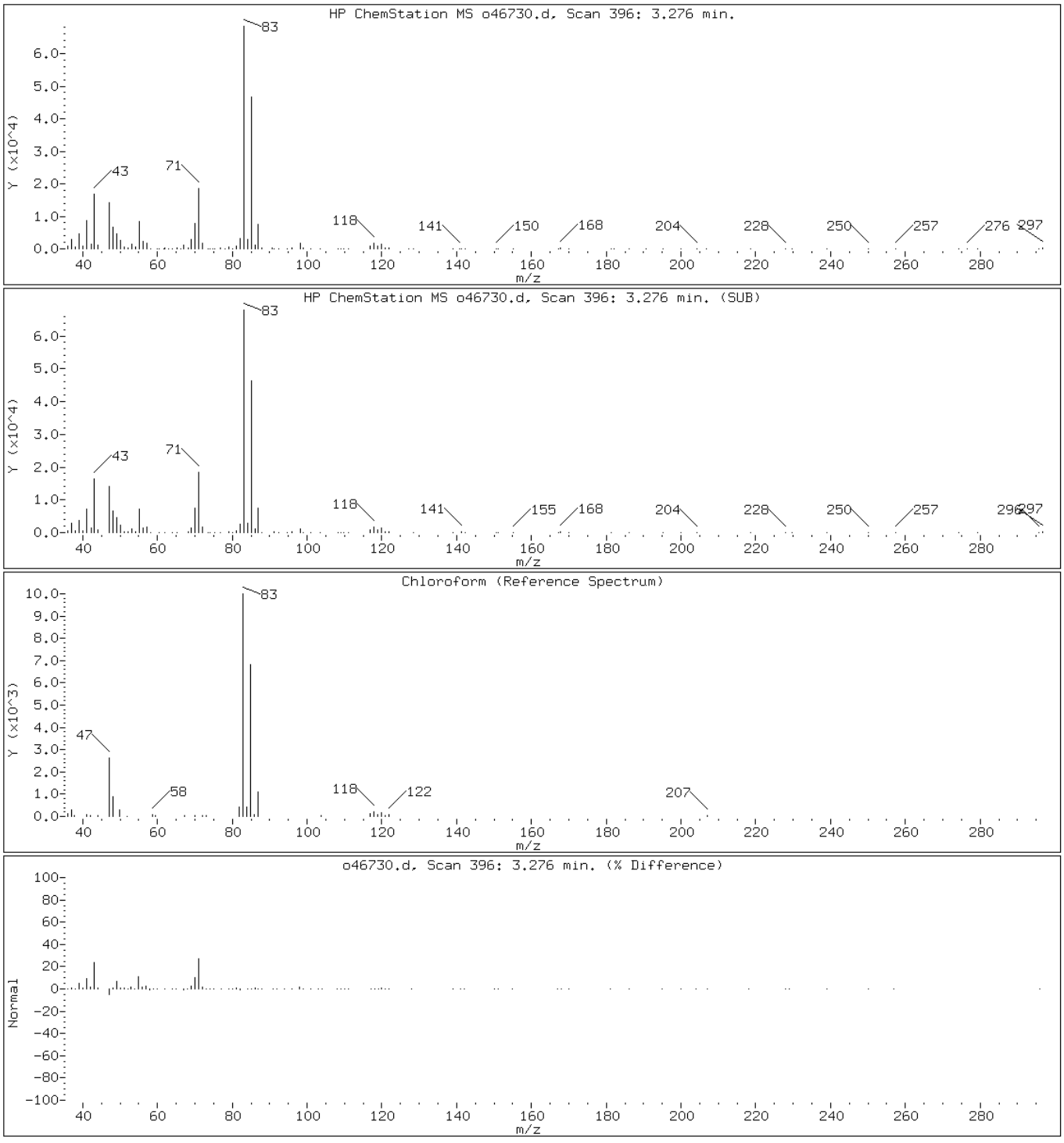
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

15 Chloroform



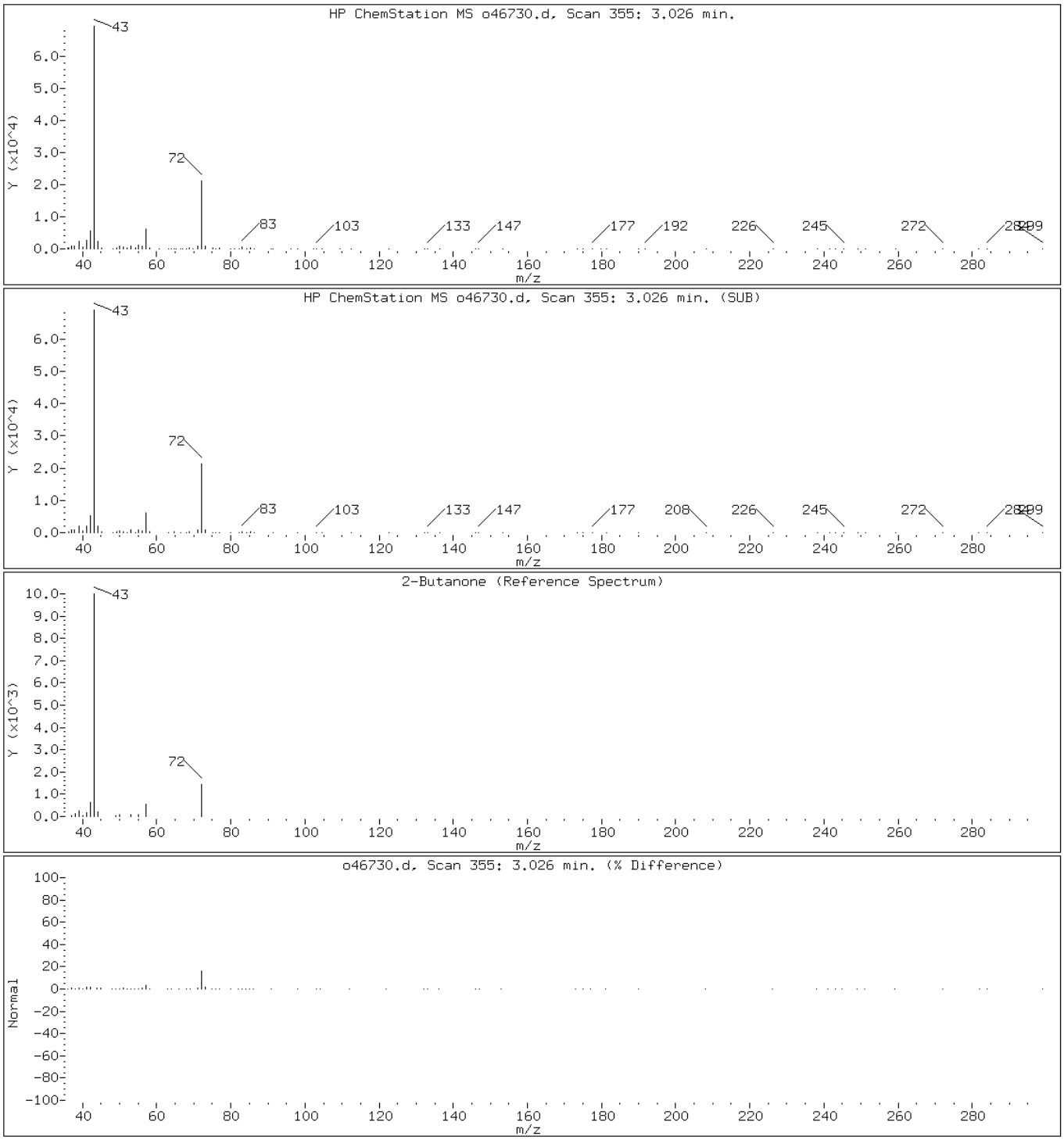
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

18 2-Butanone



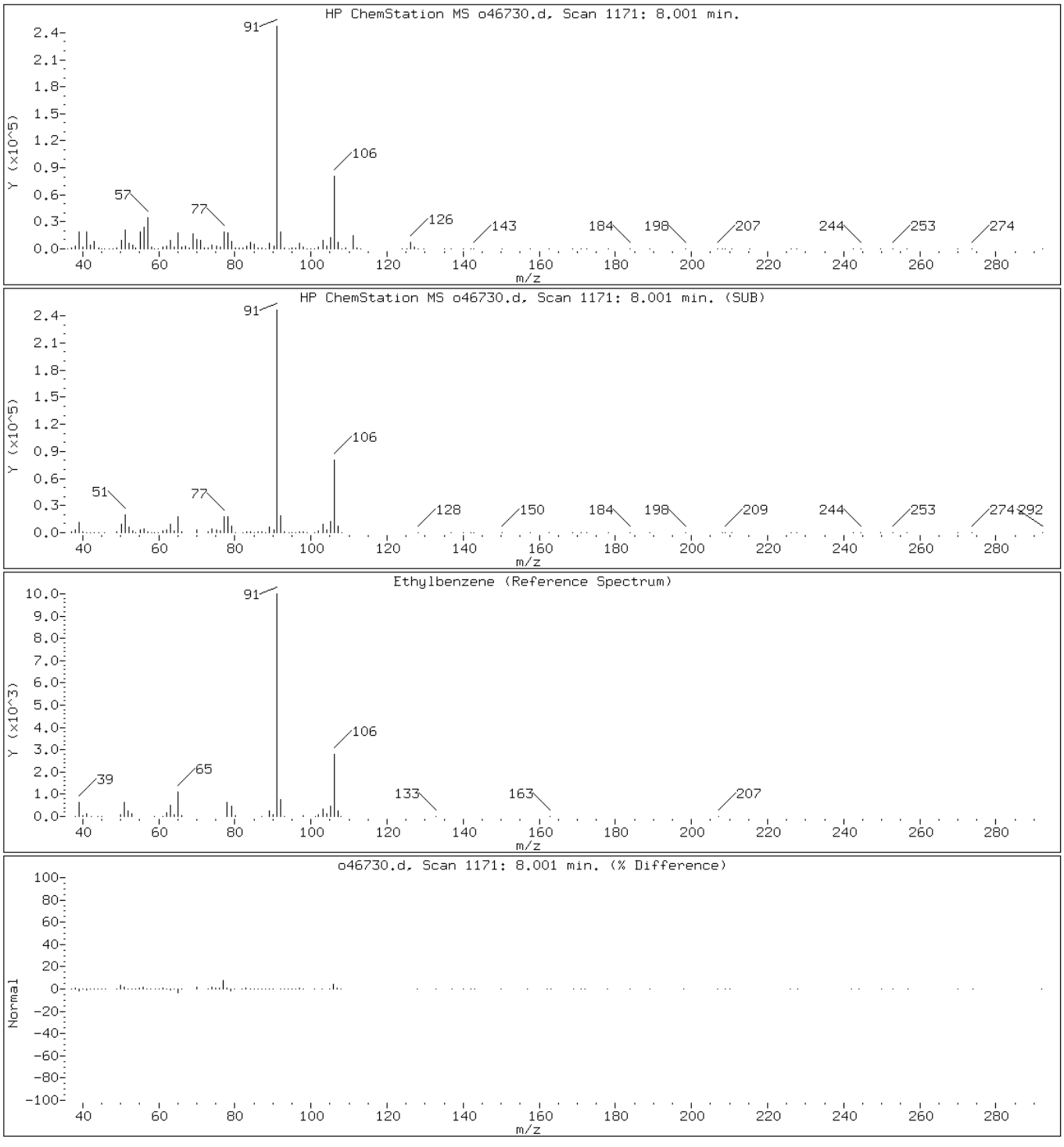
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

40 Ethylbenzene



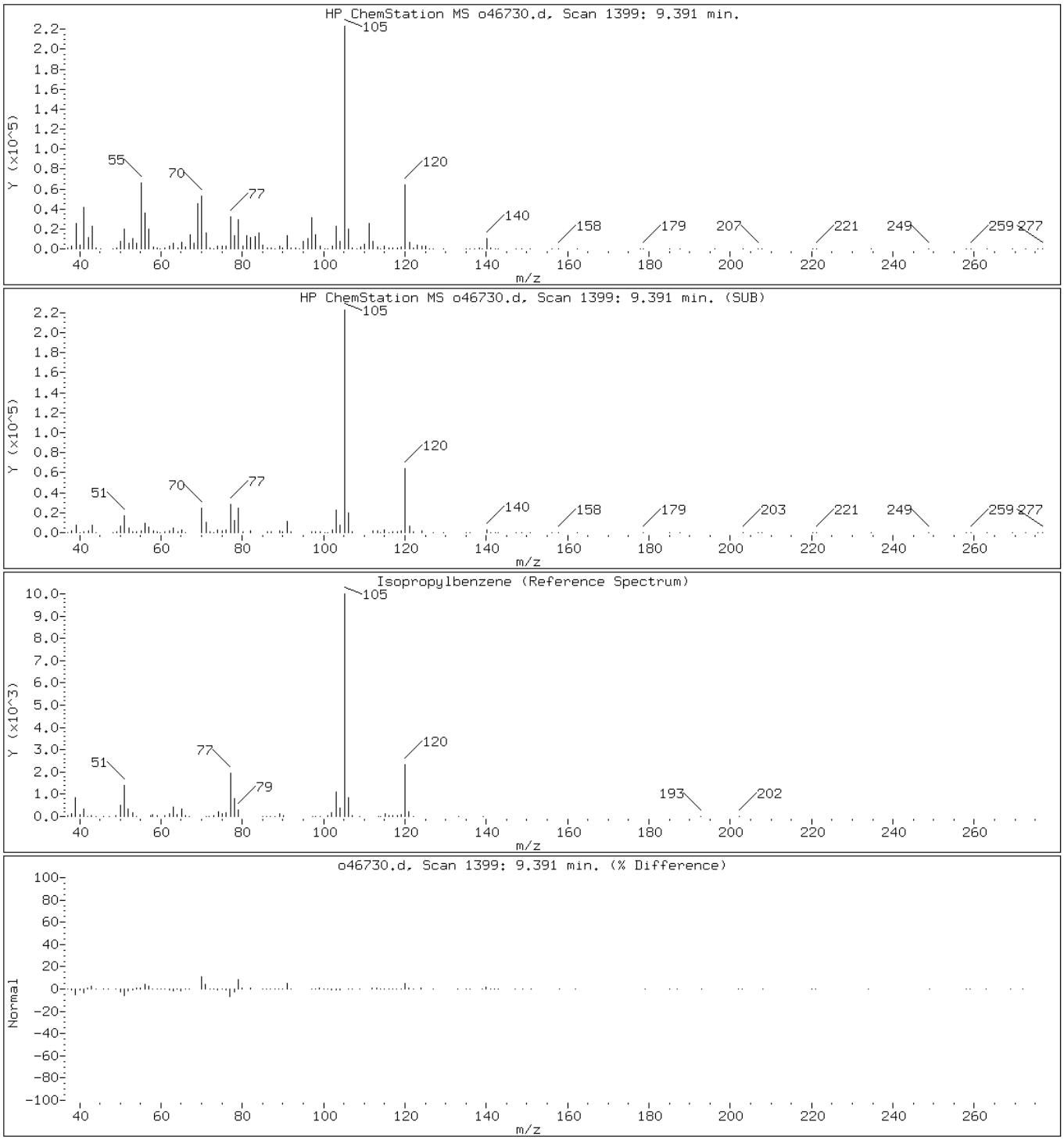
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

110 Isopropylbenzene



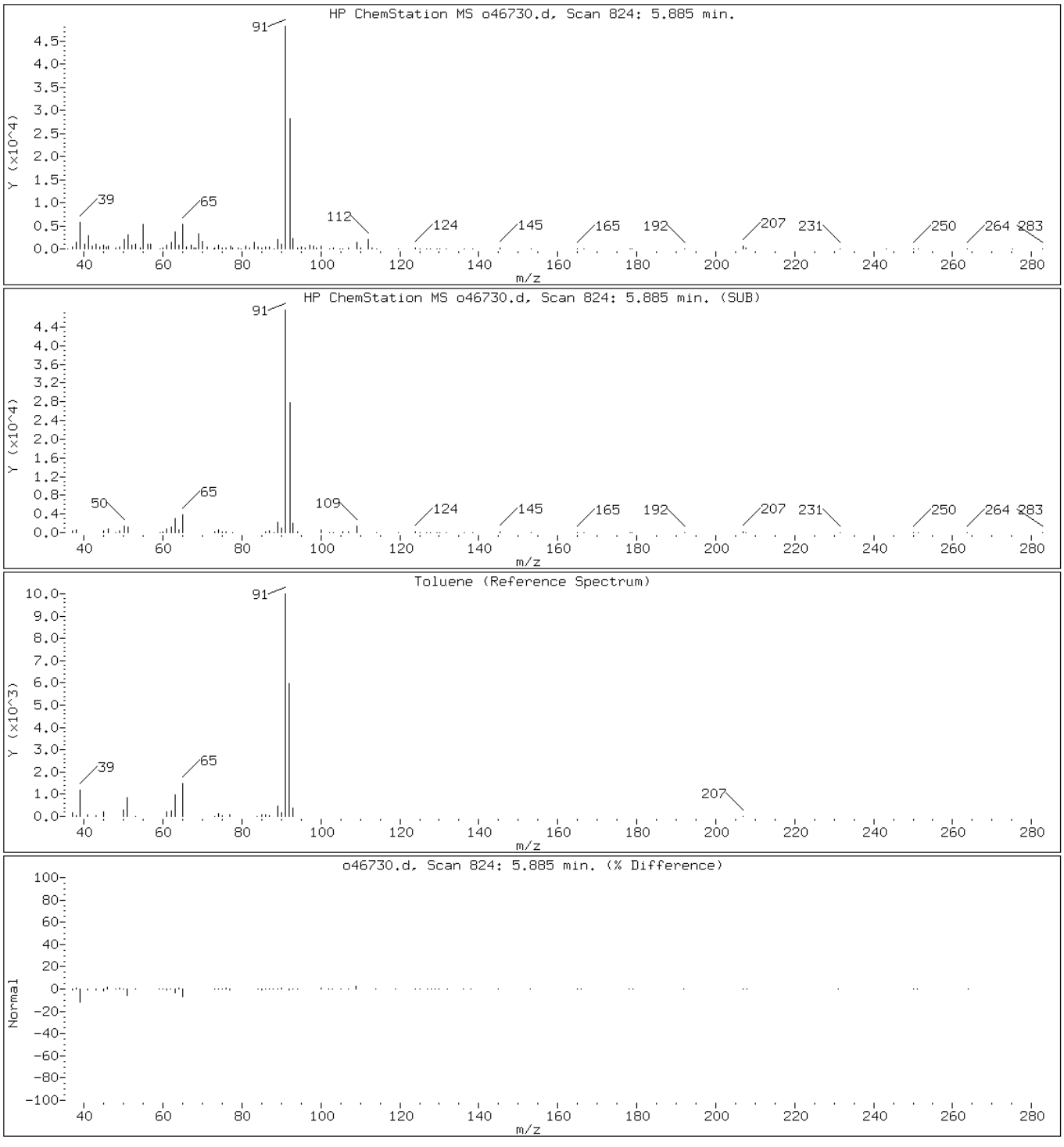
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

38 Toluene



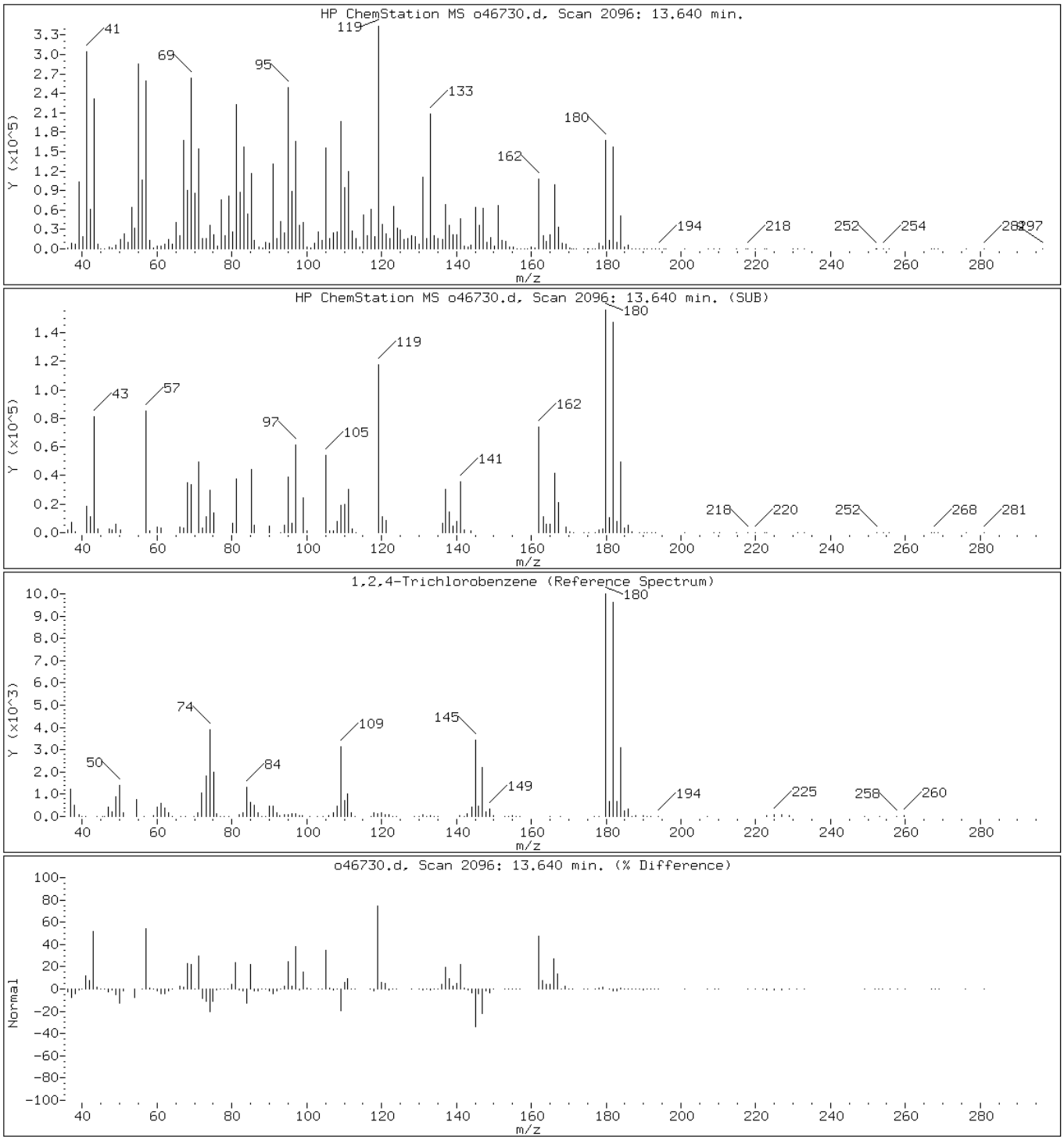
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



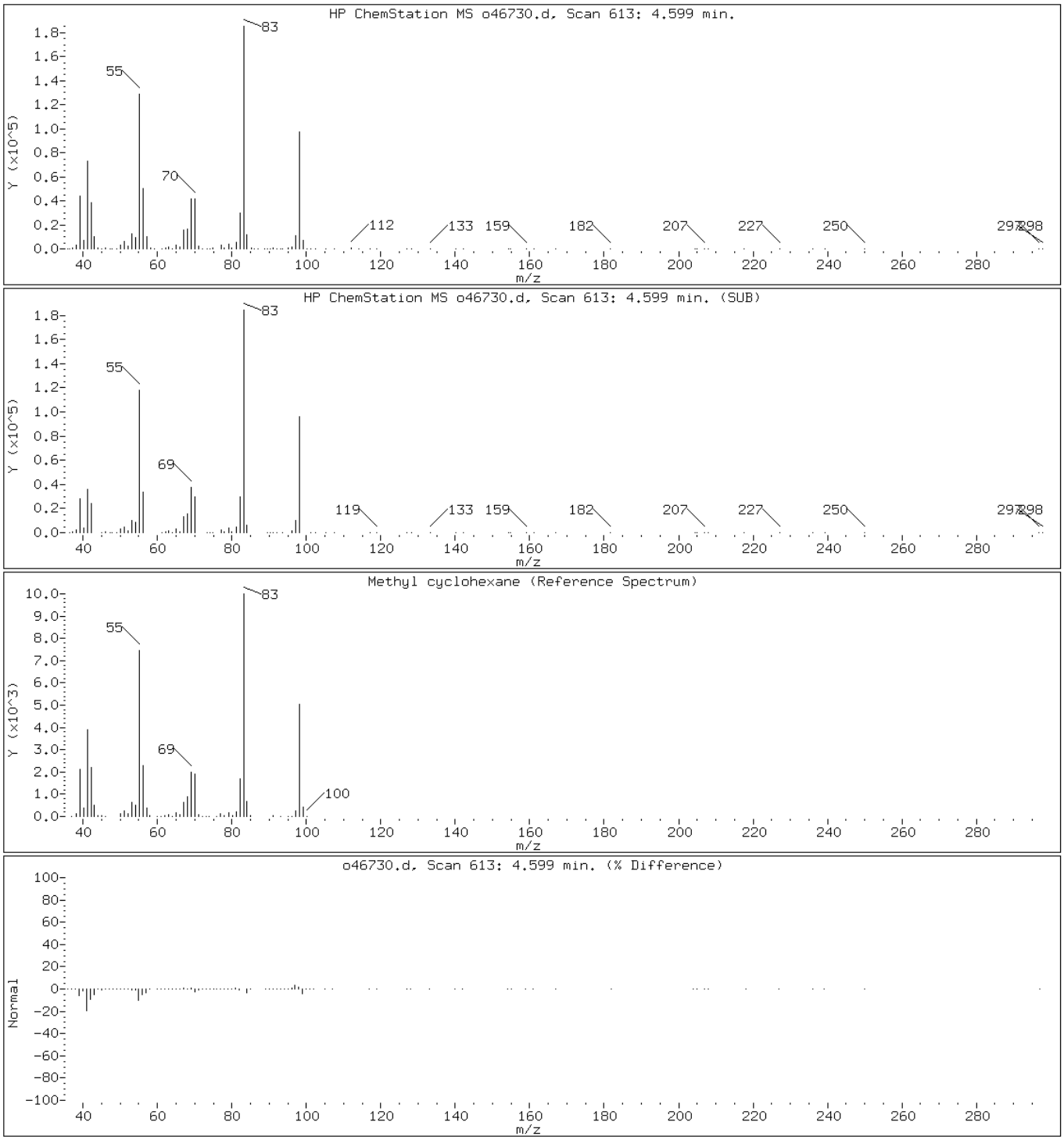
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

126 Methyl cyclohexane



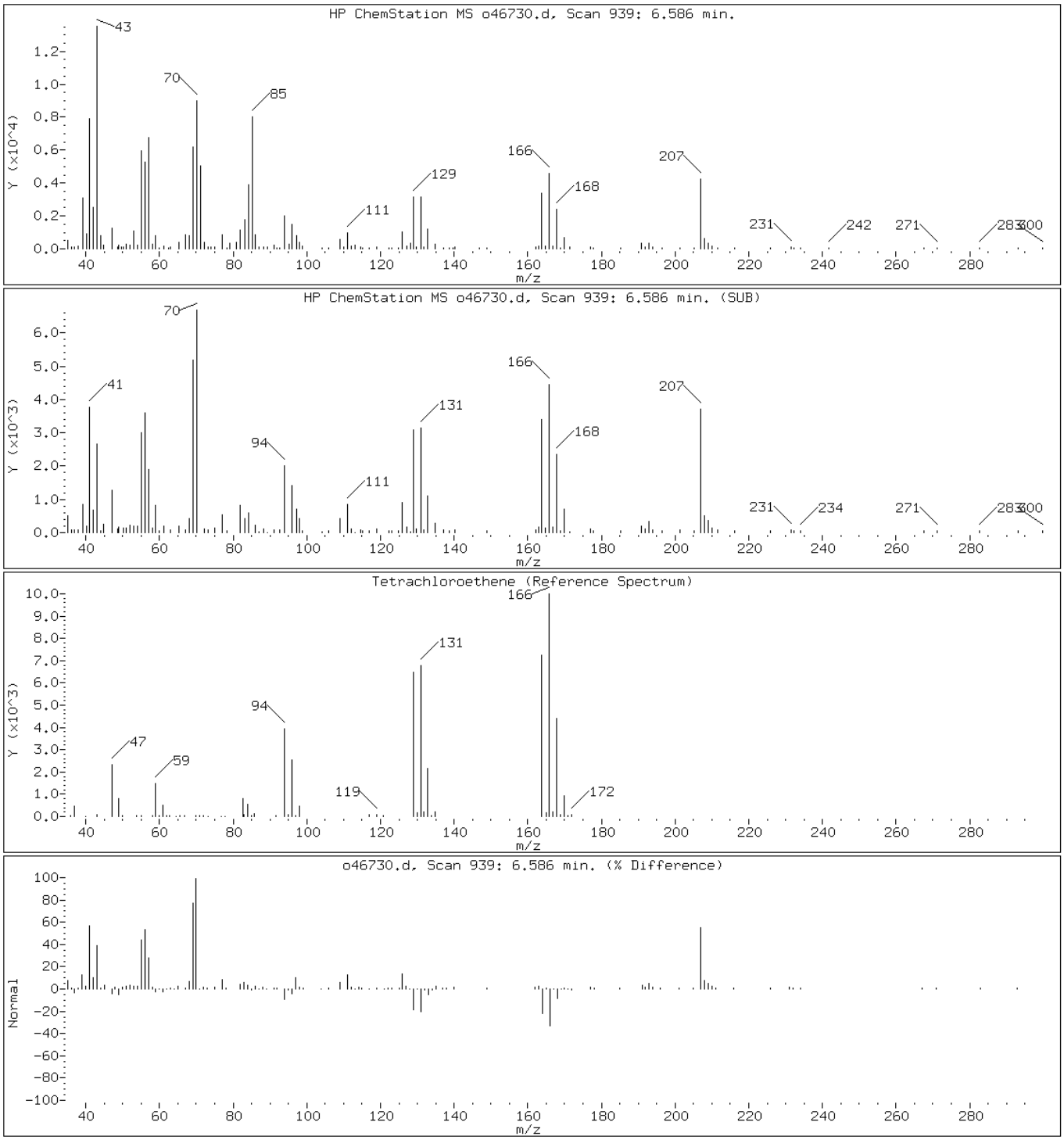
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

35 Tetrachloroethene



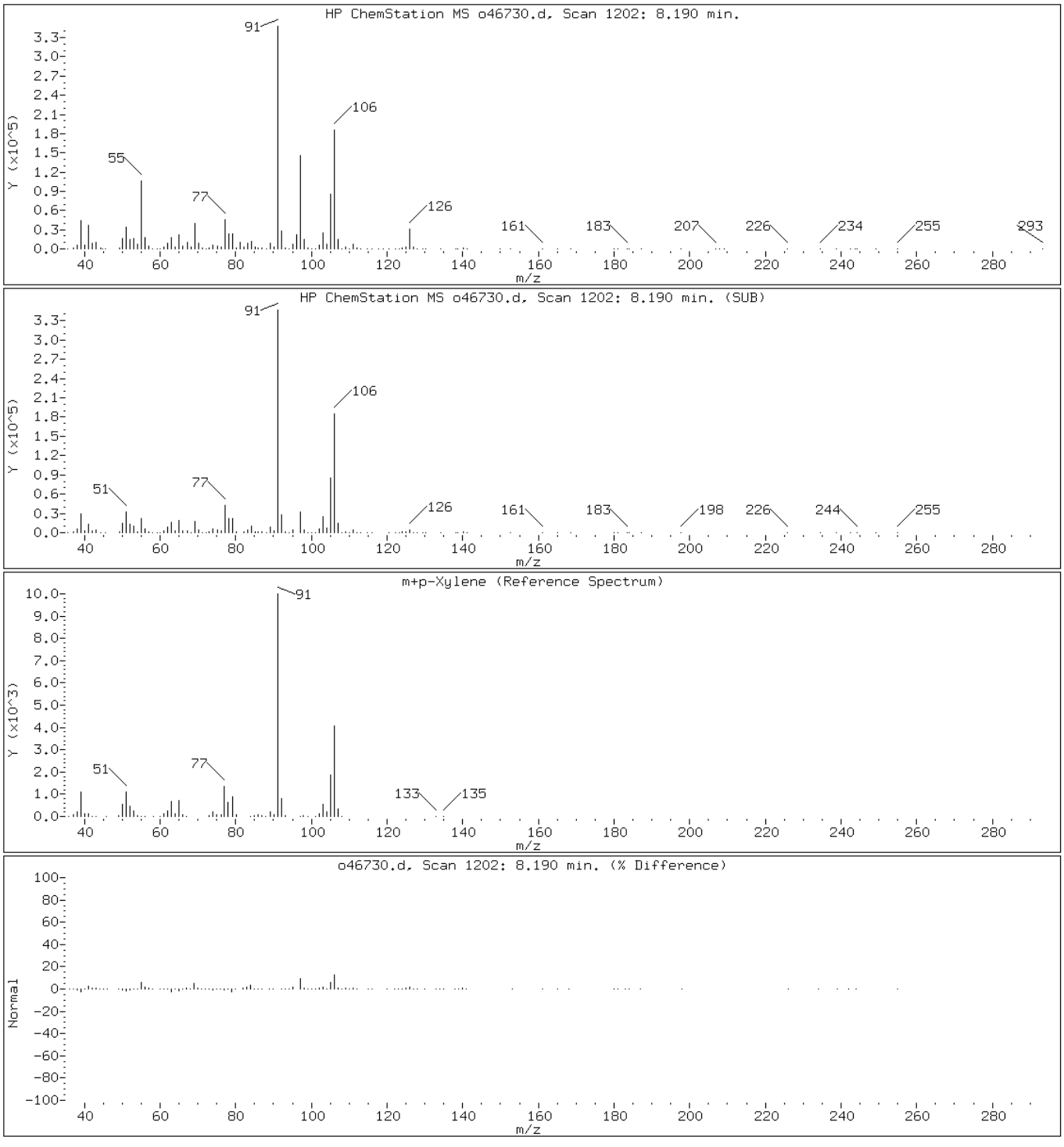
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

43 m+p-Xylene



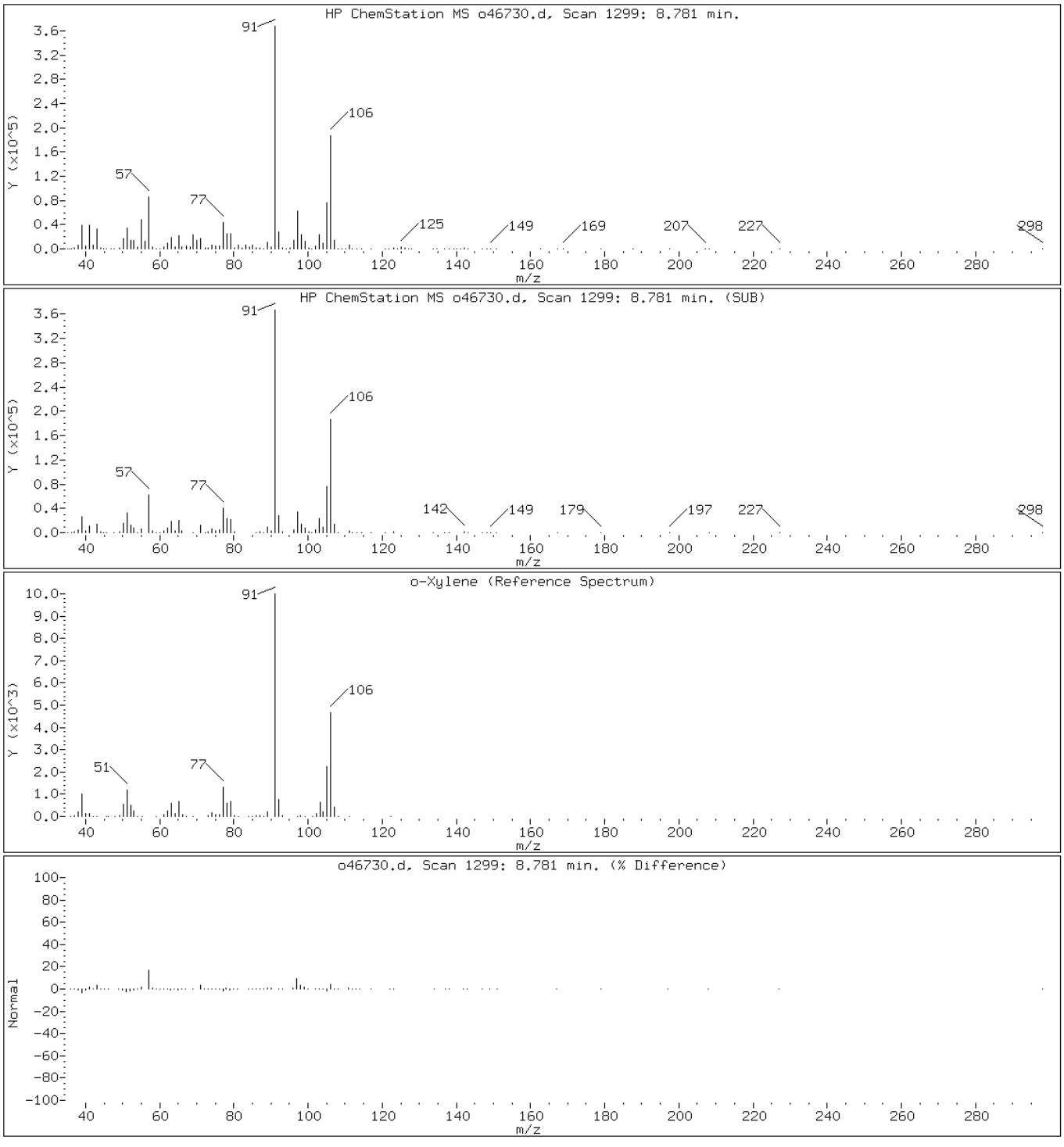
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

44 o-Xylene



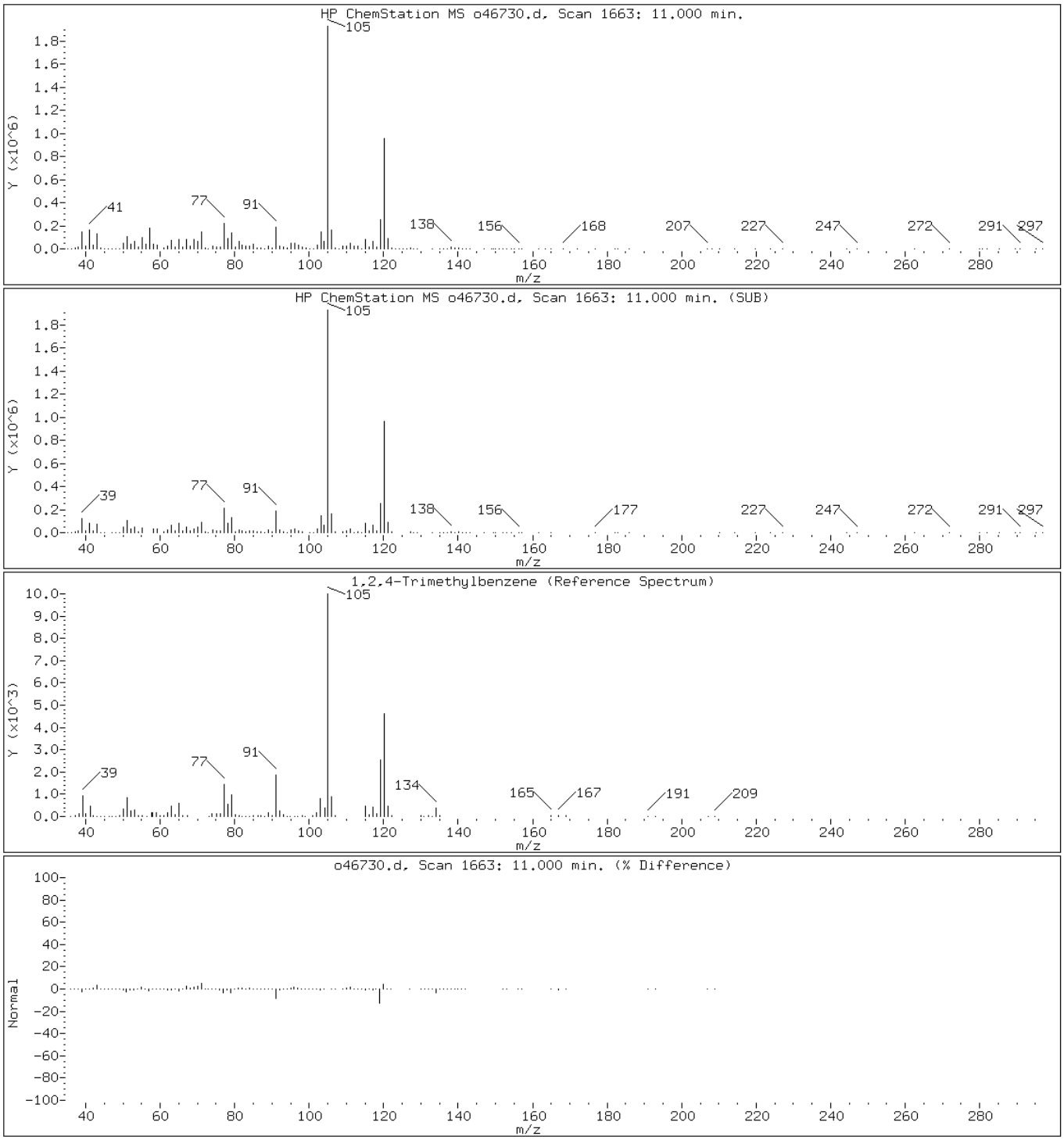
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

100 1,2,4-Trimethylbenzene



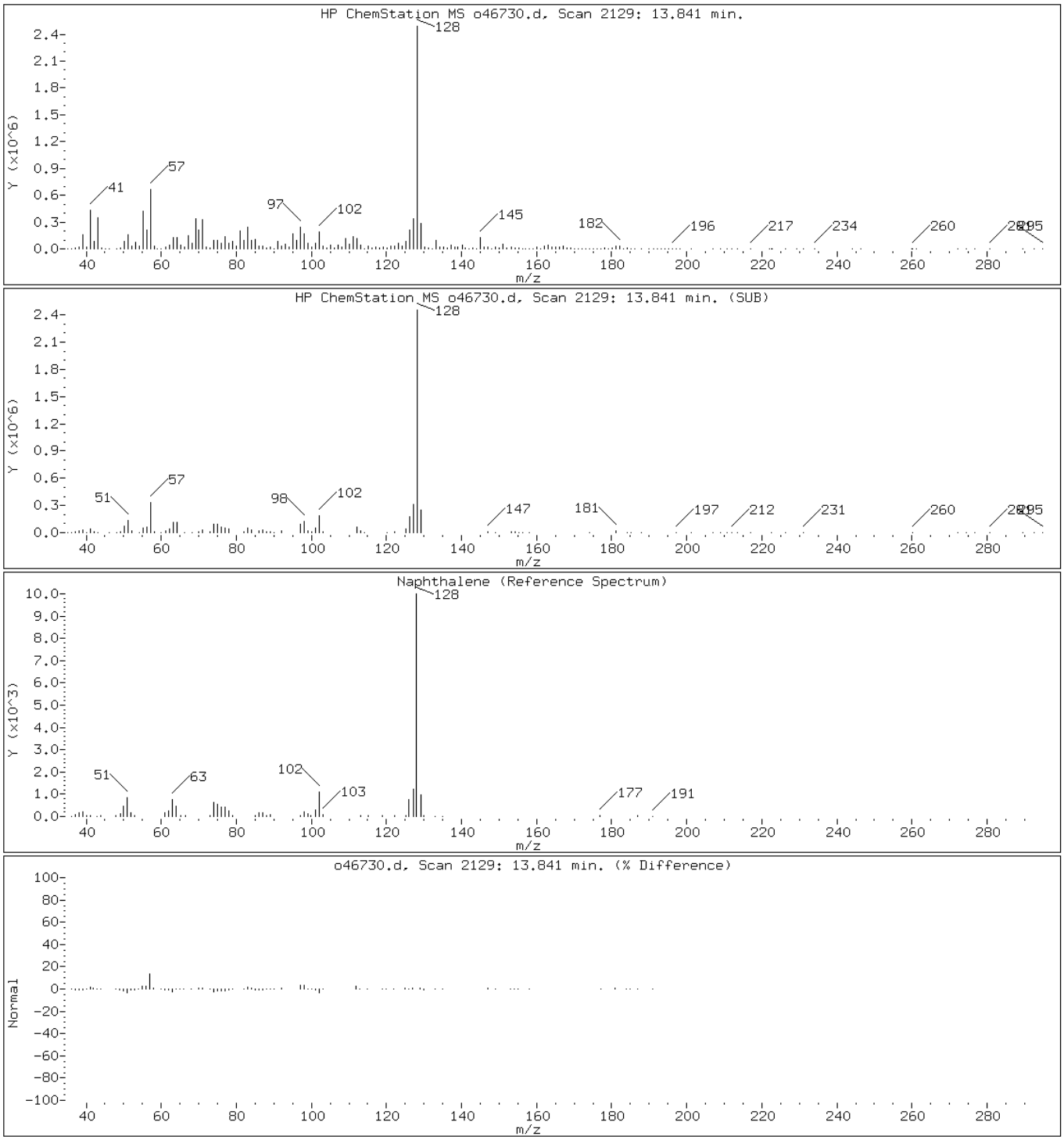
Data File: o46730.d

Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

70 Naphthalene



Data File: o46730.d

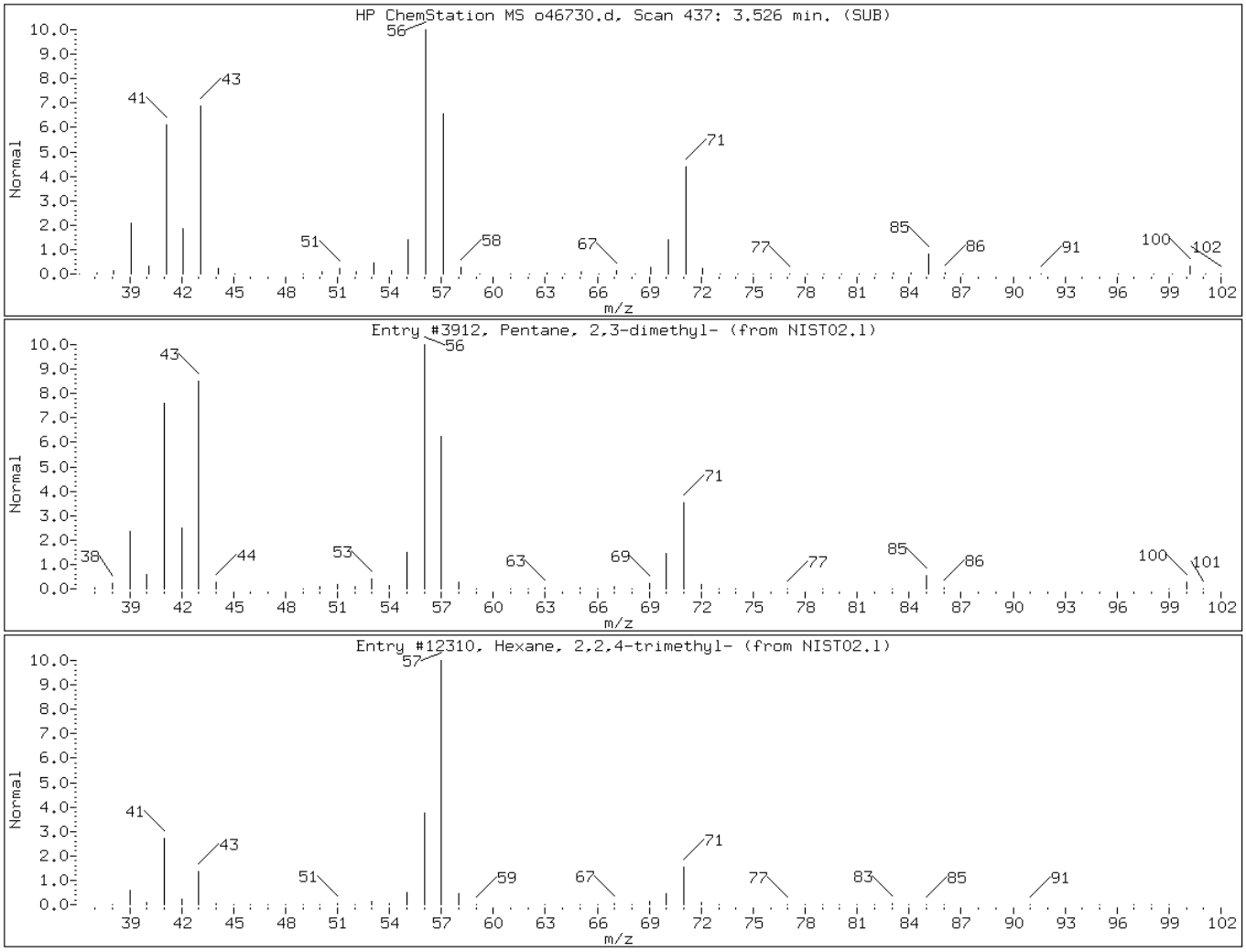
Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

Retention Time: 3.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C7H16 Alkane						
Pentane, 2,3-dimethyl-	565-59-3	NIST02.l	3912	93	C7H16	100
Hexane, 2,2,4-trimethyl-	16747-26-5	NIST02.l	12310	42	C9H20	128



Data File: o46730.d

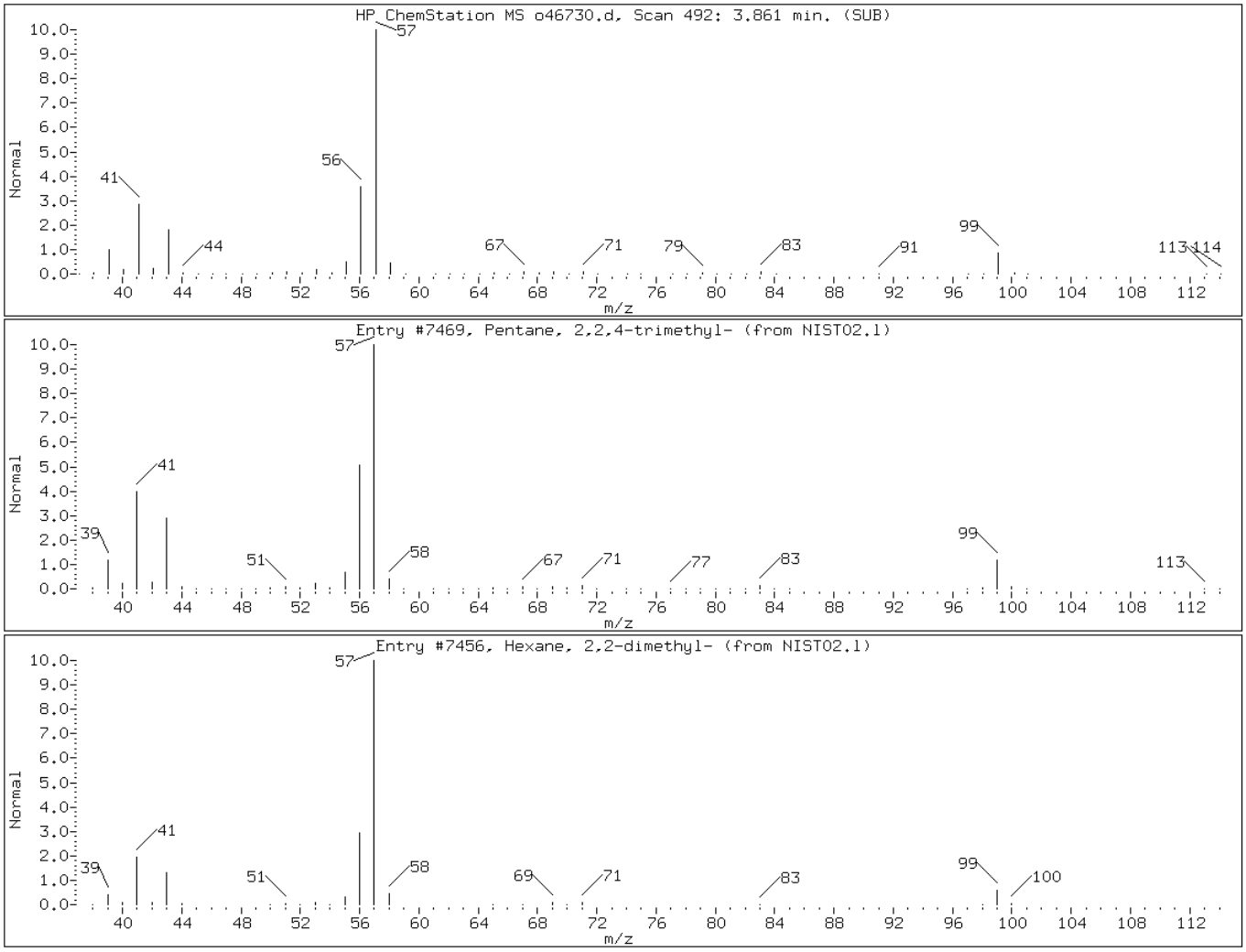
Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

Retention Time: 3.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C7H16 Alkane-1						
Pentane, 2,2,4-trimethyl-	540-84-1	NIST02.l	7469	83	C8H18	114
Hexane, 2,2-dimethyl-	590-73-8	NIST02.l	7456	78	C8H18	114



Data File: o46730.d

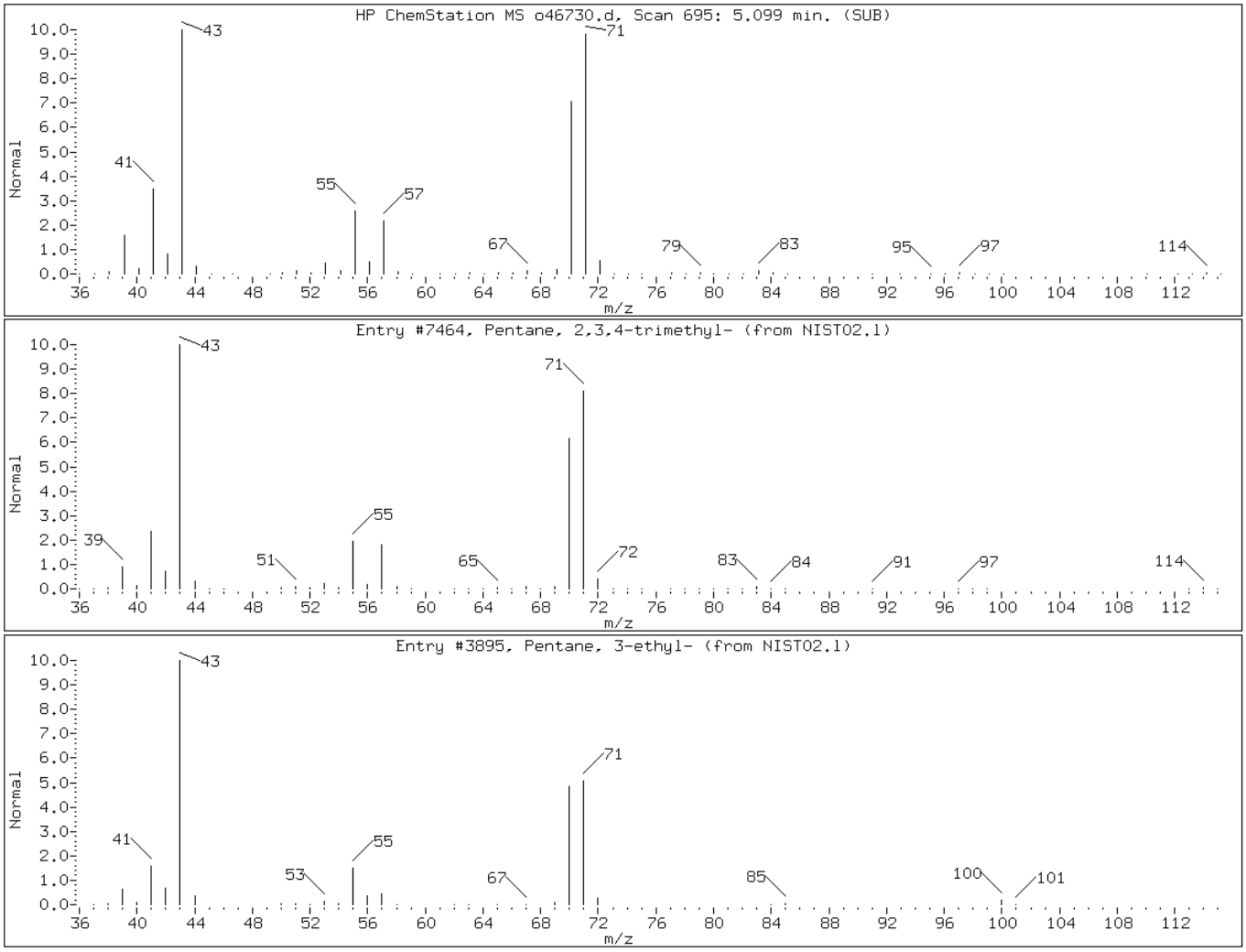
Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

Retention Time: 5.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C8H18 Alkane						
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.l	7464	91	C8H18	114
Pentane, 3-ethyl-	617-78-7	NIST02.l	3895	83	C7H16	100



Data File: o46730.d

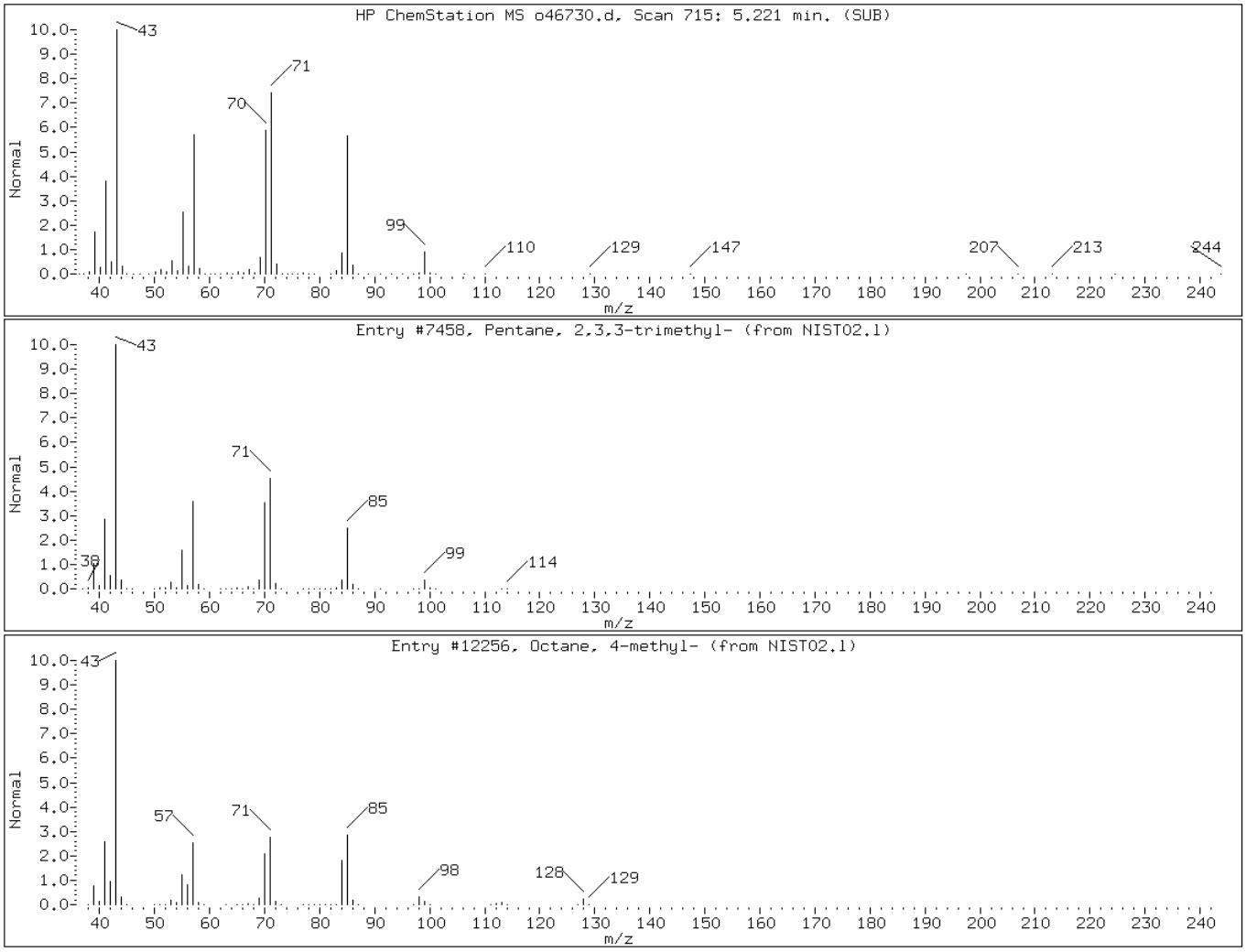
Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

Retention Time: 5.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C8H18 Alkane-1						
Pentane, 2,3,3-trimethyl-	560-21-4	NIST02.l	7458	90	C8H18	114
Octane, 4-methyl-	2216-34-4	NIST02.l	12256	83	C9H20	128



Data File: o46730.d

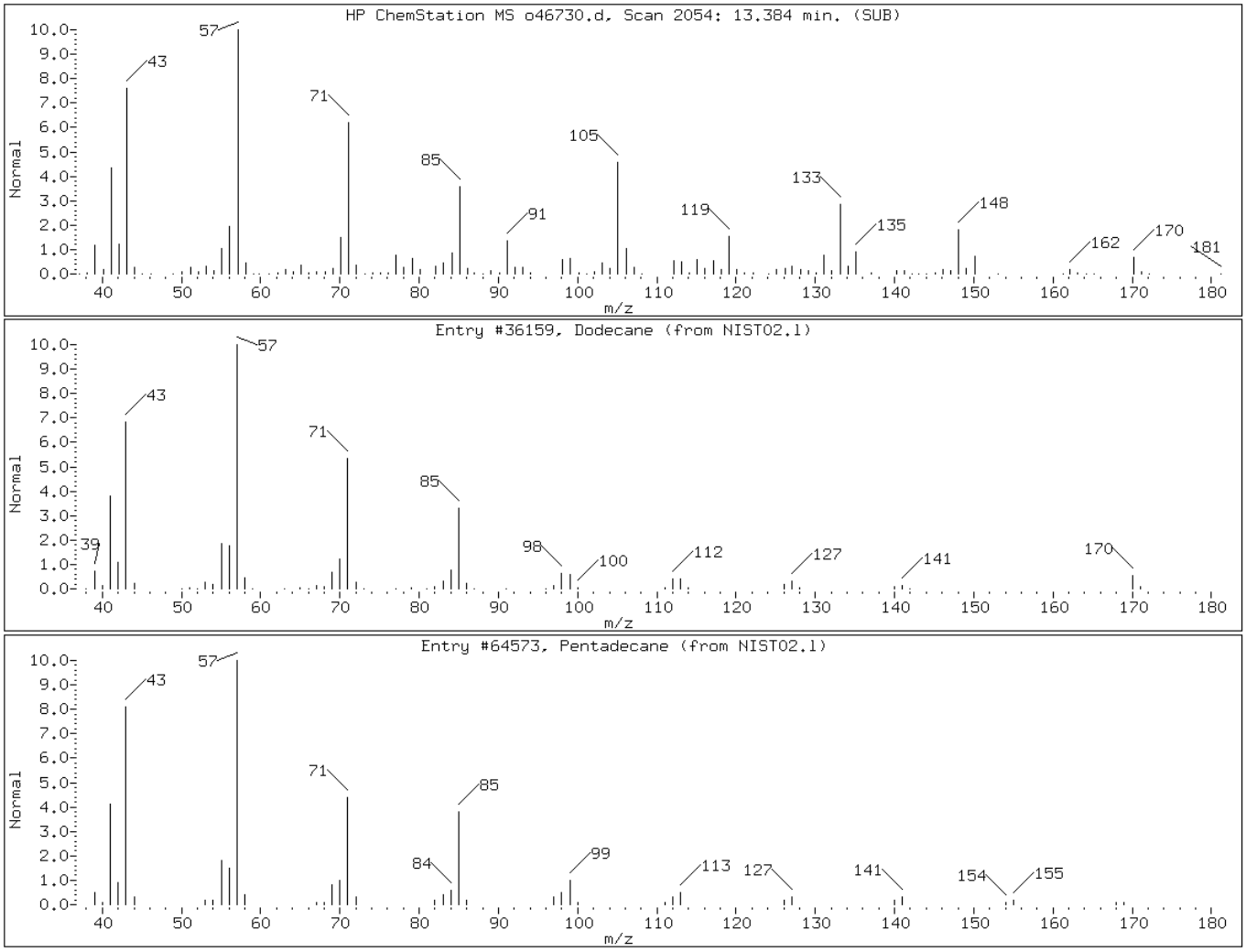
Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

Retention Time: 13.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane-1						
Dodecane	112-40-3	NIST02.l	36159	95	C12H26	170
Pentadecane	629-62-9	NIST02.l	64573	60	C15H32	212



Data File: o46730.d

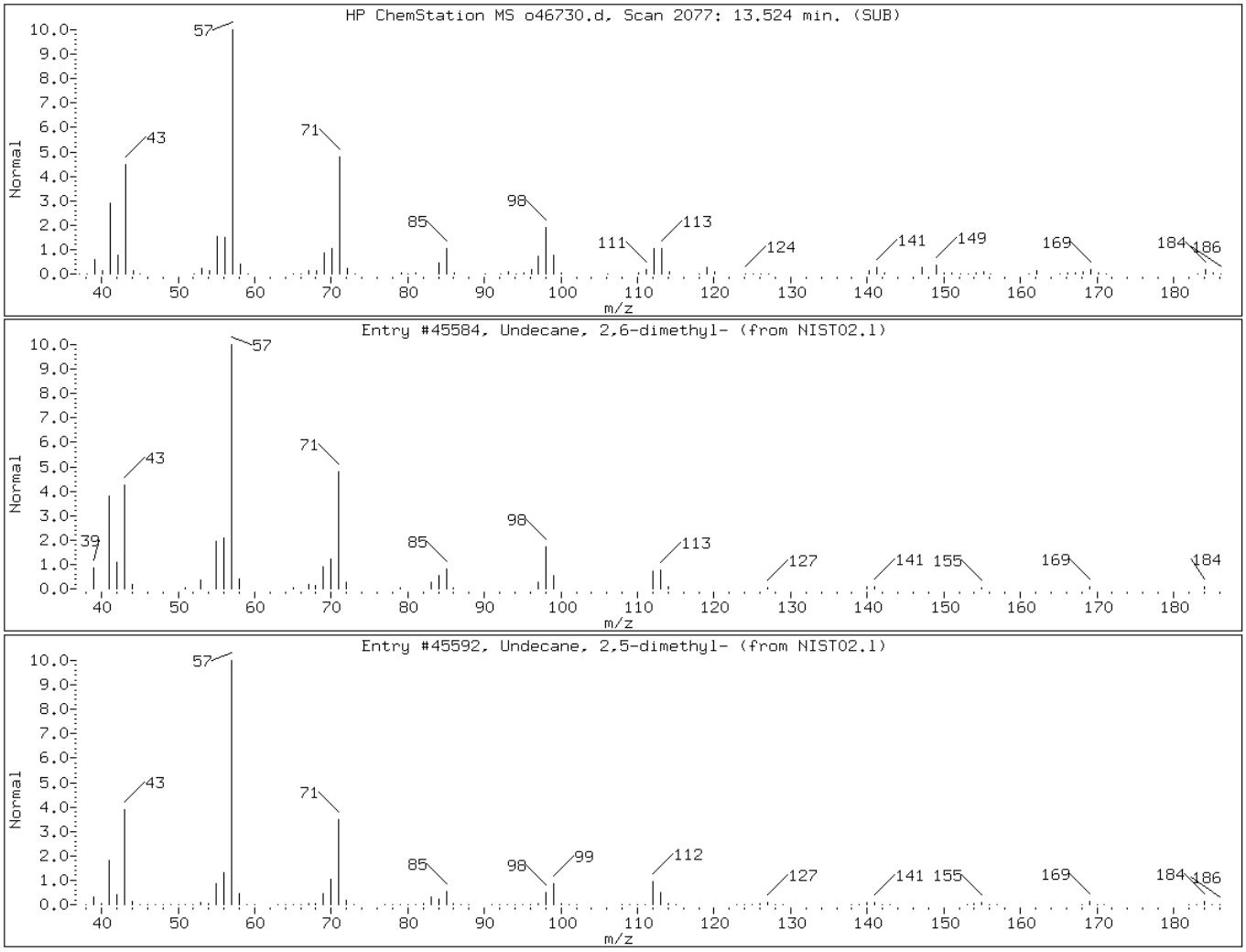
Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

Retention Time: 13.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	93	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	64	C13H28	184



Data File: o46730.d

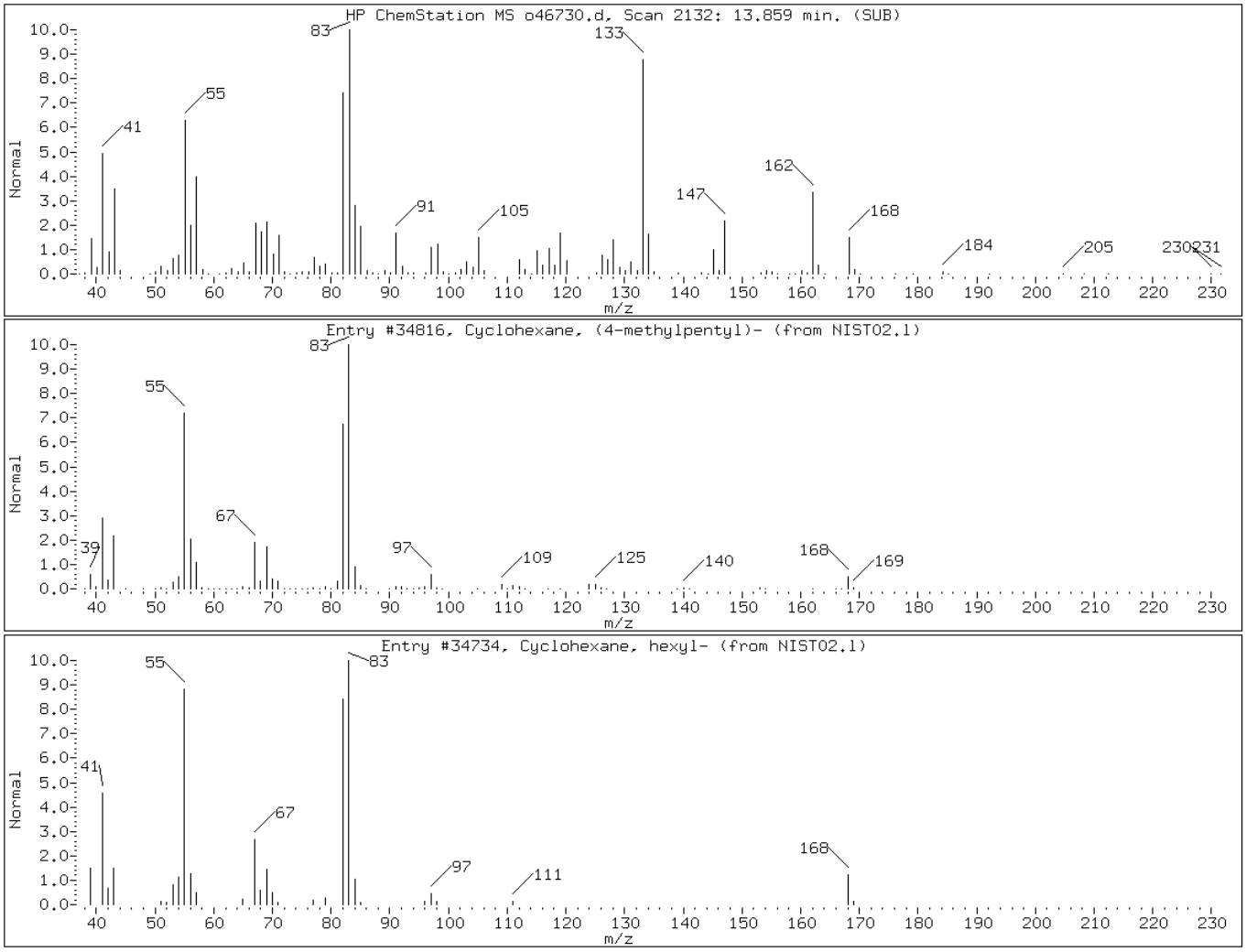
Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

Retention Time: 13.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, (4-methylpentyl)-	61142-20-9	NIST02.l	34816	43	C12H24	168
Cyclohexane, hexyl-	4292-75-5	NIST02.l	34734	43	C12H24	168



Data File: o46730.d

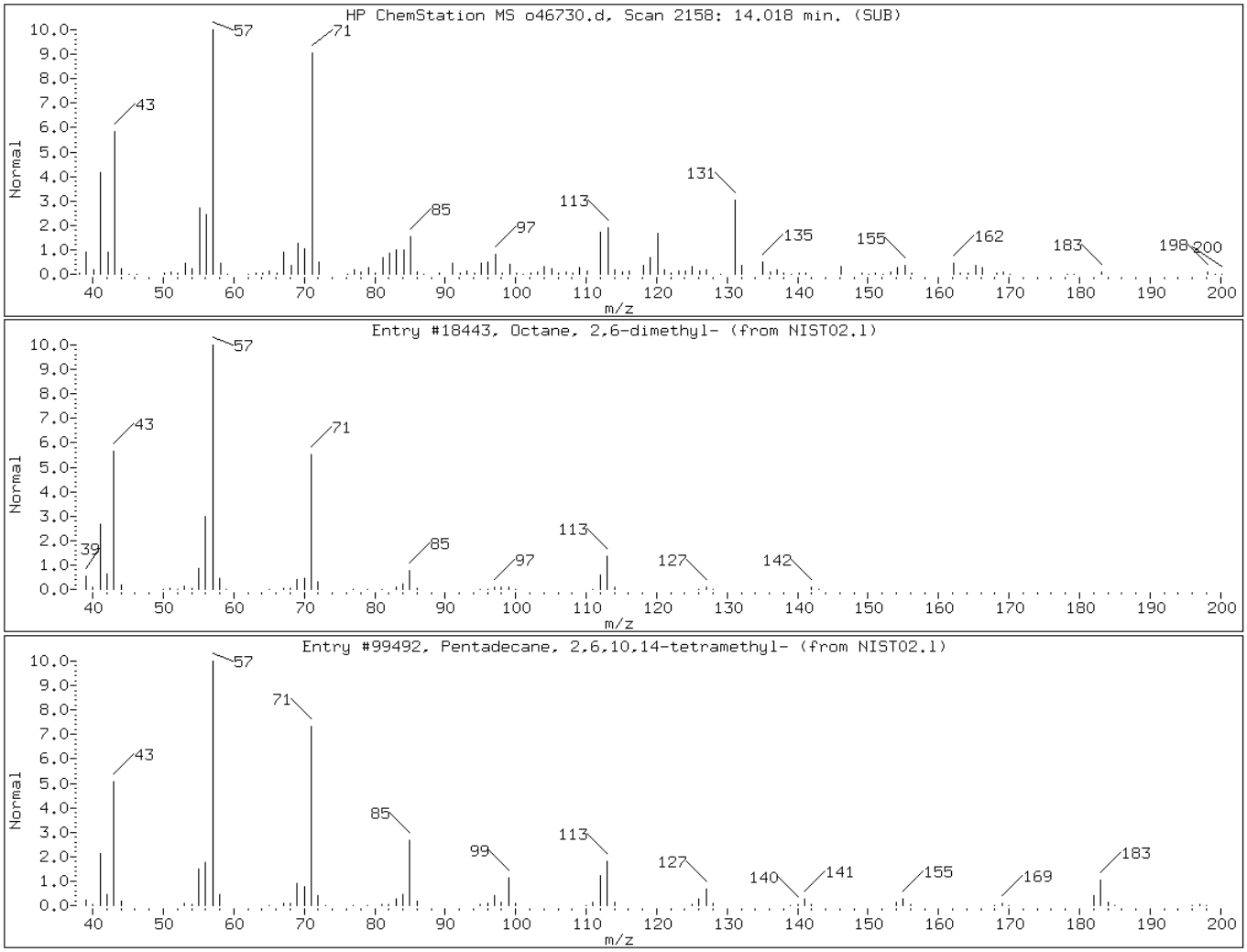
Date: 29-MAR-2011 09:02

Client ID: PMP-10-ST1-E (15-15 Instrument: VOAMS12.i

Sample Info: 460-24277-B-9-A;;;6.62;5 Operator: VOAMS 9

Retention Time: 14.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	72	C10H22	142
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	72	C19H40	268



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST2-E (23.5-24) | Lab Sample ID: 460-24277-10

Matrix: Solid | Lab File ID: o46729.d

Analysis Method: 8260B | Date Collected: 03/17/2011 14:45

Sample wt/vol: 5.75(g) | Date Analyzed: 03/29/2011 08:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U H	1.0	0.66
74-83-9	Bromomethane	1.0	U H	1.0	0.43
75-01-4	Vinyl chloride	1.0	U H	1.0	0.24
75-00-3	Chloroethane	1.0	U H	1.0	0.42
75-09-2	Methylene Chloride	1.0	U H	1.0	0.49
67-64-1	Acetone	17	H	10	3.8
75-15-0	Carbon disulfide	0.83	J H	1.0	0.48
75-69-4	Trichlorofluoromethane	1.0	U H	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0	U H	1.0	0.38
75-34-3	1,1-Dichloroethane	1.0	U H	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U H	1.0	0.29
156-59-2	cis-1,2-Dichloroethene	1.0	U H	1.0	0.25
67-66-3	Chloroform	1.0	U H	1.0	0.25
78-93-3	2-Butanone	10	U H	10	0.59
107-06-2	1,2-Dichloroethane	1.0	U H	1.0	0.41
71-55-6	1,1,1-Trichloroethane	1.0	U H	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U H	1.0	0.11
71-43-2	Benzene	1.0	U H	1.0	0.77
75-25-2	Bromoform	1.0	U H	1.0	0.73
100-42-5	Styrene	1.0	U H	1.0	0.36
100-41-4	Ethylbenzene	0.55	J H	1.0	0.20
108-90-7	Chlorobenzene	1.0	U H	1.0	0.50
110-82-7	Cyclohexane	1.0	U H	1.0	0.23
98-82-8	Isopropylbenzene	0.43	J H	1.0	0.27
591-78-6	2-Hexanone	10	U H	10	1.7
1634-04-4	MTBE	1.0	U H	1.0	0.36
76-13-1	Freon TF	1.0	U H	1.0	0.50
79-20-9	Methyl acetate	1.0	U H	1.0	0.93
123-91-1	1,4-Dioxane	52	U H	52	4.3
79-01-6	Trichloroethene	1.0	U H	1.0	0.38
108-88-3	Toluene	1.0	U H	1.0	0.31
10061-02-6	trans-1,3-Dichloropropene	1.0	U H	1.0	0.23
108-10-1	4-Methyl-2-pentanone	10	U H	10	0.74
10061-01-5	cis-1,3-Dichloropropene	1.0	U H	1.0	0.21
95-50-1	1,2-Dichlorobenzene	1.0	U H	1.0	0.66
541-73-1	1,3-Dichlorobenzene	1.0	U H	1.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST2-E (23.5-24) | Lab Sample ID: 460-24277-10

Matrix: Solid | Lab File ID: o46729.d

Analysis Method: 8260B | Date Collected: 03/17/2011 14:45

Sample wt/vol: 5.75(g) | Date Analyzed: 03/29/2011 08:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U H	1.0	0.74
120-82-1	1,2,4-Trichlorobenzene	0.64	J H	1.0	0.56
87-61-6	1,2,3-Trichlorobenzene	1.0	U H	1.0	0.67
78-87-5	1,2-Dichloropropane	1.0	U H	1.0	0.33
108-87-2	Methylcyclohexane	0.60	J H	1.0	0.28
127-18-4	Tetrachloroethene	1.0	U H	1.0	0.34
1330-20-7	Xylenes, Total	2.1	J H	3.1	0.82
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U H	1.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U H	1.0	0.79
79-00-5	1,1,2-Trichloroethane	1.0	U H	1.0	0.62
124-48-1	Dibromochloromethane	1.0	U H	1.0	0.58
106-93-4	1,2-Dibromoethane	1.0	U H	1.0	0.54
75-71-8	Dichlorodifluoromethane	1.0	U H *	1.0	0.42
74-97-5	Bromochloromethane	1.0	U H	1.0	0.28
75-27-4	Bromodichloromethane	1.0	U H	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	94		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST2-E (23.5-24) Lab Sample ID: 460-24277-10

Matrix: Solid Lab File ID: o46729.d

Analysis Method: 8260B Date Collected: 03/17/2011 14:45

Sample wt/vol: 5.75(g) Date Analyzed: 03/29/2011 08:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 118.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C7H16 Alkane	3.52	7.7	H J
	C7H16 Alkane-1	3.85	23	H J
	C8H18 Alkane	5.09	10	H J
	Ethyldimethylbenzene isomer-1	13.30	10	H J
	C12H26 Alkane	13.37	14	H J
	Tetrahydromethylnaphthalene isomer	14.34	14	H J
	2,3-dihydro-dimethyl-1H-Indene isomer	14.60	8.3	H J
	Methylnaphthalene isomer	14.74	12	H J
	Tetrahydrodimethylnaphthalene isomer	14.79	11	H J
	Dimethylnaphthalene isomer	15.51	8.8	H J

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46729.d
Report Date: 30-Mar-2011 10:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46729.d
Lab Smp Id: 460-24277-D-10-A Client Smp ID: PMP-10-ST2-E (23.5-
Inj Date : 29-MAR-2011 08:37
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-10-A;;;5.75;5
Misc Info : 460-24277-D-10-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.75000	Weight of sample extracted (g)
M	16.45207	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.807	1.807	(0.448)	12838	16.3086	17
	8 Carbon Disulfide	76	1.904	1.898	(0.472)	11031	0.79499	0.83(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.709	3.709	(0.920)	157347	46.5624	48
*	69 Fluorobenzene	96	4.032	4.032	(1.000)	919047	50.0000	
	126 Methyl cyclohexane	83	4.605	4.599	(1.142)	6484	0.57652	0.60(aH)
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	697420	45.1493	47
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	670690	50.0000	
	40 Ethylbenzene	106	8.001	8.001	(1.031)	4733	0.53255	0.55(a)
	43 m+p-Xylene	106	8.190	8.184	(1.056)	10928	0.97964	1.0(a)
	44 o-Xylene	106	8.775	8.781	(1.131)	11069	1.02654	1.1
	110 Isopropylbenzene	105	9.391	9.391	(1.211)	10891	0.41455	0.43(a)
$	41 Bromofluorobenzene (SUR)	174	9.598	9.604	(0.837)	271202	46.9802	49
	112 n-Propylbenzene	91	10.061	10.067	(0.878)	25126	0.69491	0.72(a)
	102 1,3,5-Trimethylbenzene	105	10.384	10.384	(0.906)	41092	1.54757	1.6

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46729.d
Report Date: 30-Mar-2011 10:12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	100 1,2,4-Trimethylbenzene	105	10.988	10.994	(0.959)	127634	4.71464	4.9
	114 sec-Butylbenzene	105	11.262	11.268	(0.982)	21911	0.62496	0.65(a)
*	91 1,4-Dichlorobenzene-d4	152	11.463	11.469	(1.000)	387731	50.0000	
	113 p-Isopropyltoluene	119	11.512	11.512	(1.004)	13827	0.45734	0.48(a)
	111 n-Butylbenzene	91	12.043	12.049	(1.051)	20247	0.75296	0.78(a)
	93 1,2,4-Trichlorobenzene	180	13.640	13.634	(1.190)	7085	0.61326	0.64(a)
	70 Naphthalene	128	13.835	13.835	(1.207)	84910	4.13379	4.3
M	45 Xylene (Total)	100				21997	1.99411	2.1(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46729.d
Report Date: 30-Mar-2011 10:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46729.d
Lab Smp Id: 460-24277-D-10-A Client Smp ID: PMP-10-ST2-E (23.5-
Inj Date : 29-MAR-2011 08:37
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-10-A;;;5.75;5
Misc Info : 460-24277-D-10-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.75000	Weight of sample extracted (g)
M	16.45207	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 69 Fluorobenzene	4.032	1817247	50.000
* 91 1,4-Dichlorobenzene-d4	11.463	2334958	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C7H16 Alkane					CAS #:		
3.520	268167	7.37837008	7.7	0		0	69
C7H16 Alkane-1					CAS #:		
3.849	816629	22.4688312	23	0		0	69

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46729.d
Report Date: 30-Mar-2011 10:12

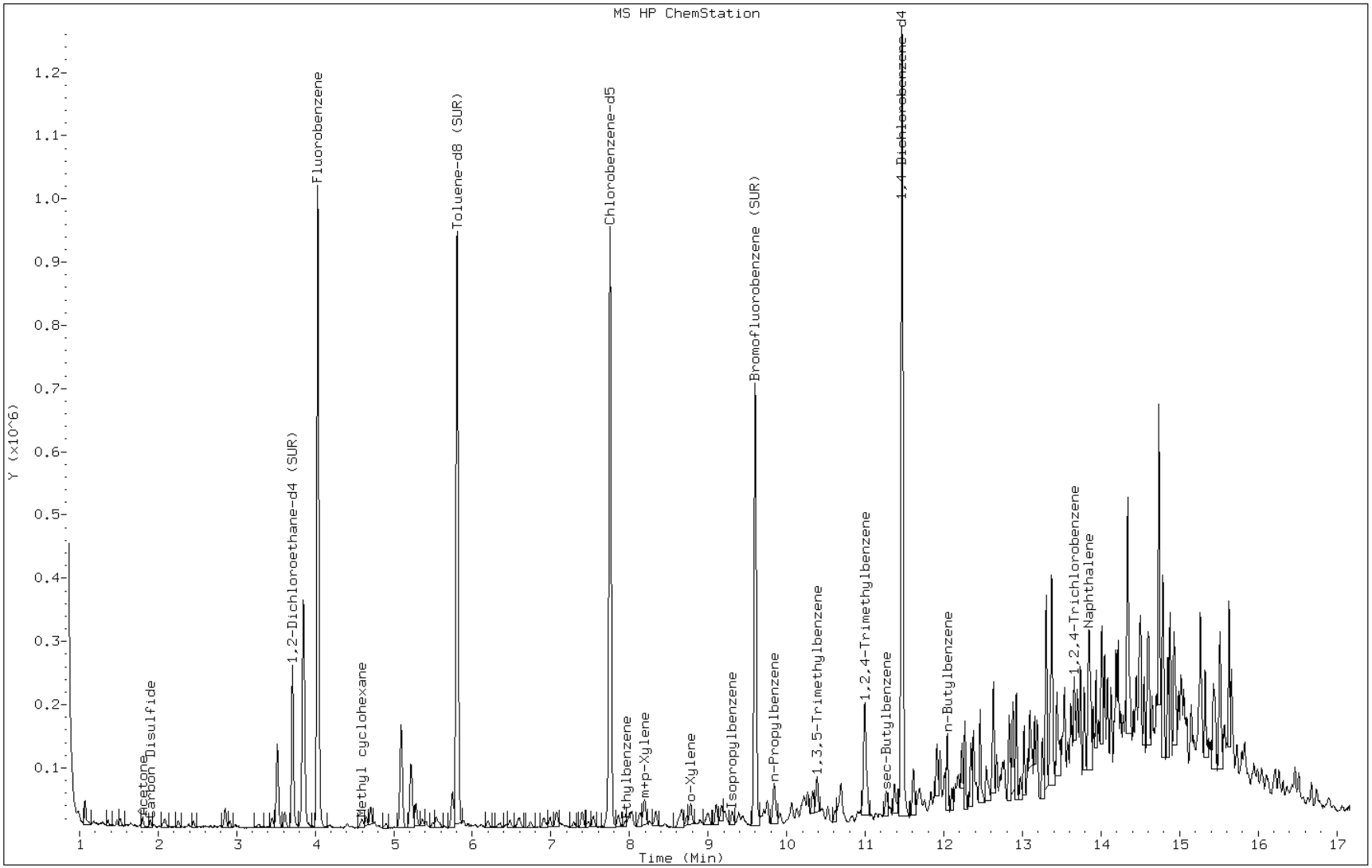
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C8H18 Alkane					CAS #:		
5.093	353673	9.73099543	10	0		0	69
Ethyldimethylbenzene isomer					CAS #:		
12.634	274684	5.88198133	6.1	0		0	91
Ethyldimethylbenzene isomer-1					CAS #:		
13.305	454670	9.73614171	10	0		0	91
C12H26 Alkane					CAS #:		
13.372	638579	13.6743174	14	0		0	91
Ethyldimethylbenzene isomer-2					CAS #:		
13.439	276316	5.91693133	6.2	0		0	91
Unknown					CAS #:		
14.012	271497	5.81375195	6.0	0		0	91
Tetrahydromethylnaphthalene isomer					CAS #:		
14.341	645508	13.8226944	14	0		0	91
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
14.603	370882	7.94193435	8.3	0		0	91
Methylnaphthalene isomer					CAS #:		
14.737	525673	11.2565768	12	0		0	91
Tetrahydrodimethylnaphthalene isomer					CAS #:		
14.786	498024	10.6645064	11	0		0	91
Tetrahydrodimethylnaphthalene isomer-1					CAS #:		
14.932	333324	7.13767693	7.4	0		0	91
2,3-dihydro-trimethyl-1H-Indene isomer					CAS #:		
15.432	343148	7.34806249	7.6	0		0	91
Dimethylnaphthalene isomer					CAS #:		
15.511	395108	8.46070868	8.8	0		0	91
Dimethylnaphthalene isomer-1					CAS #:		
15.627	286652	6.13826055	6.4	0		0	91

Data File: o46729.d

Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9



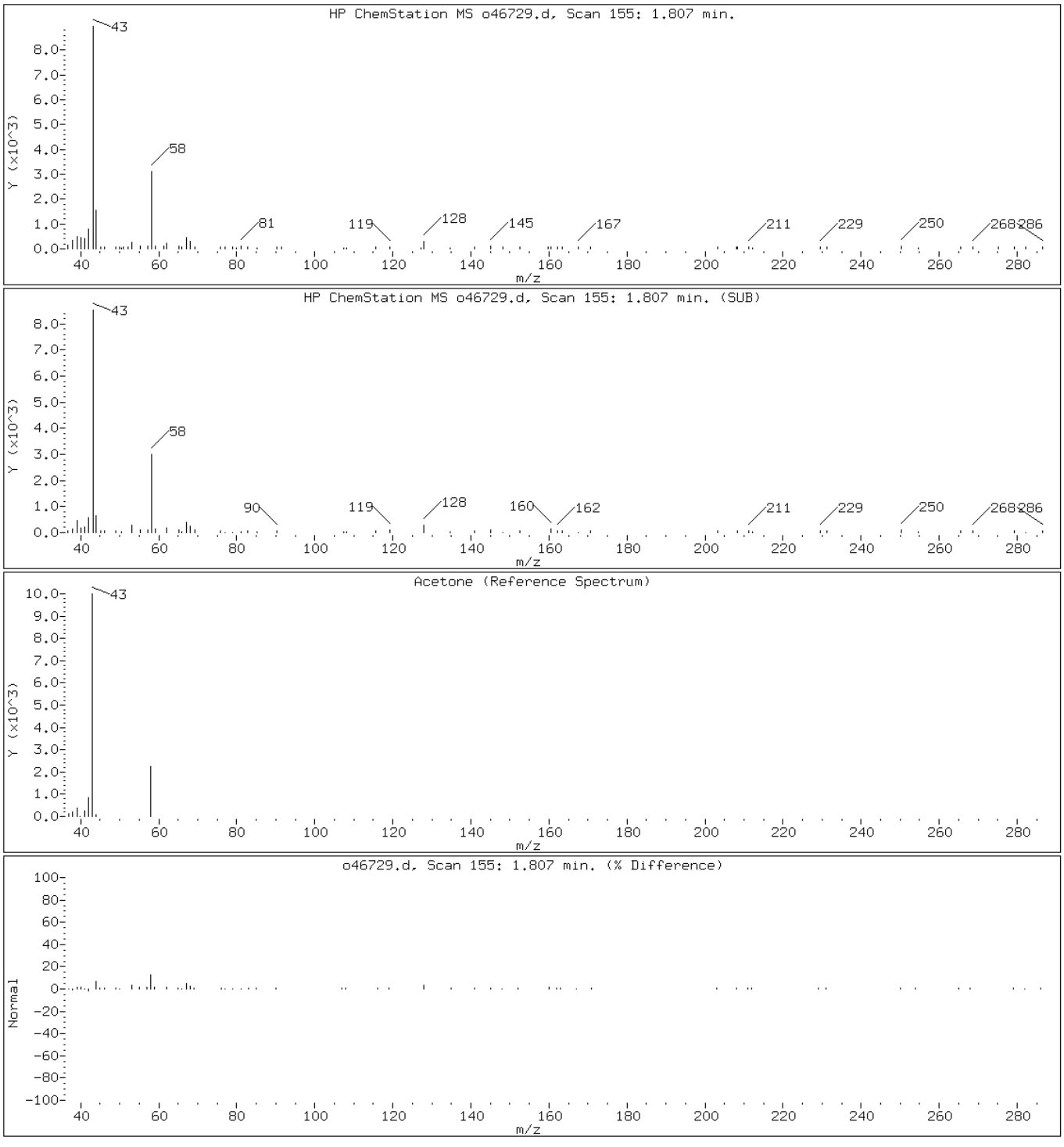
Data File: o46729.d

Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

7 Acetone



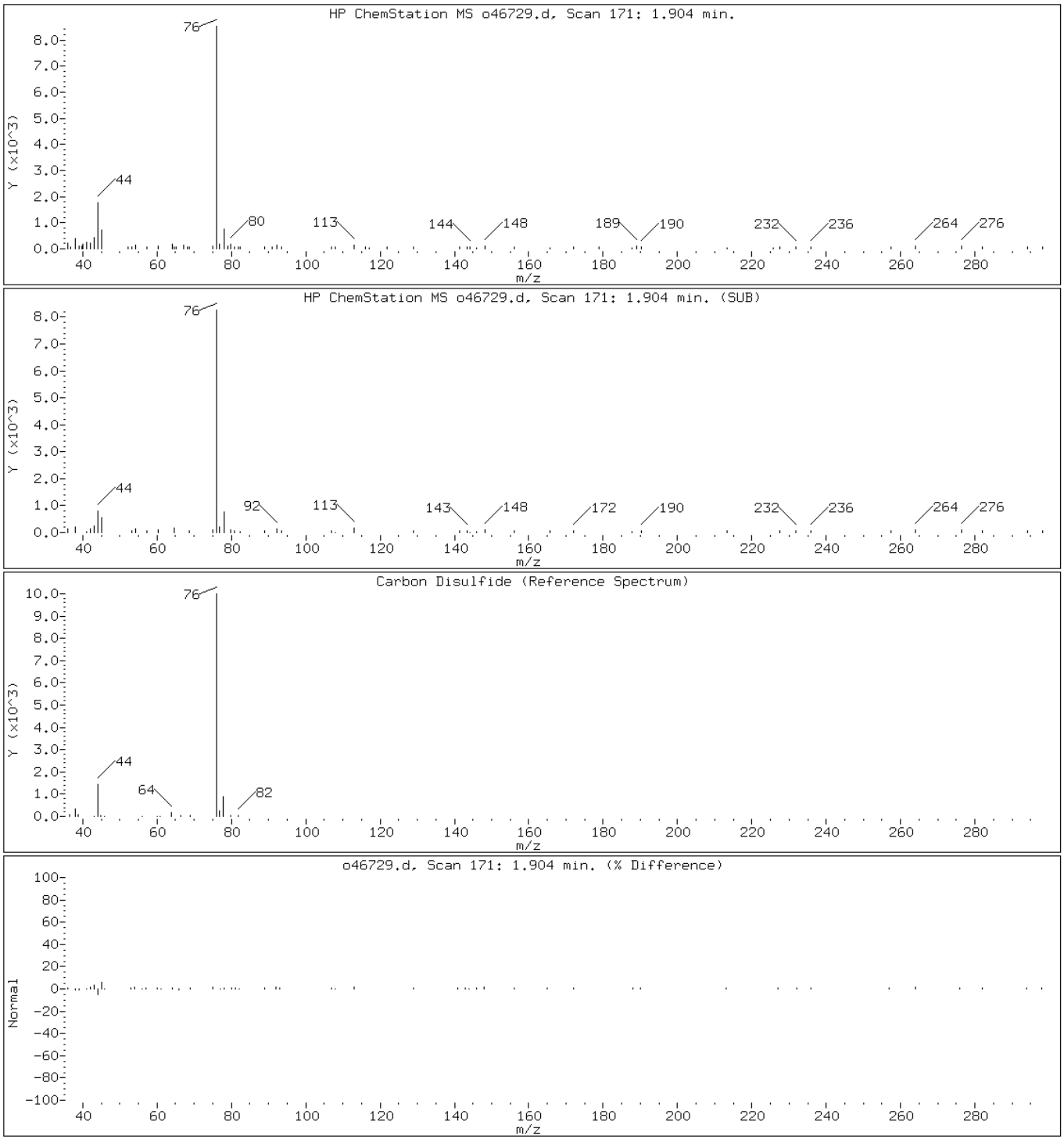
Data File: o46729.d

Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

8 Carbon Disulfide



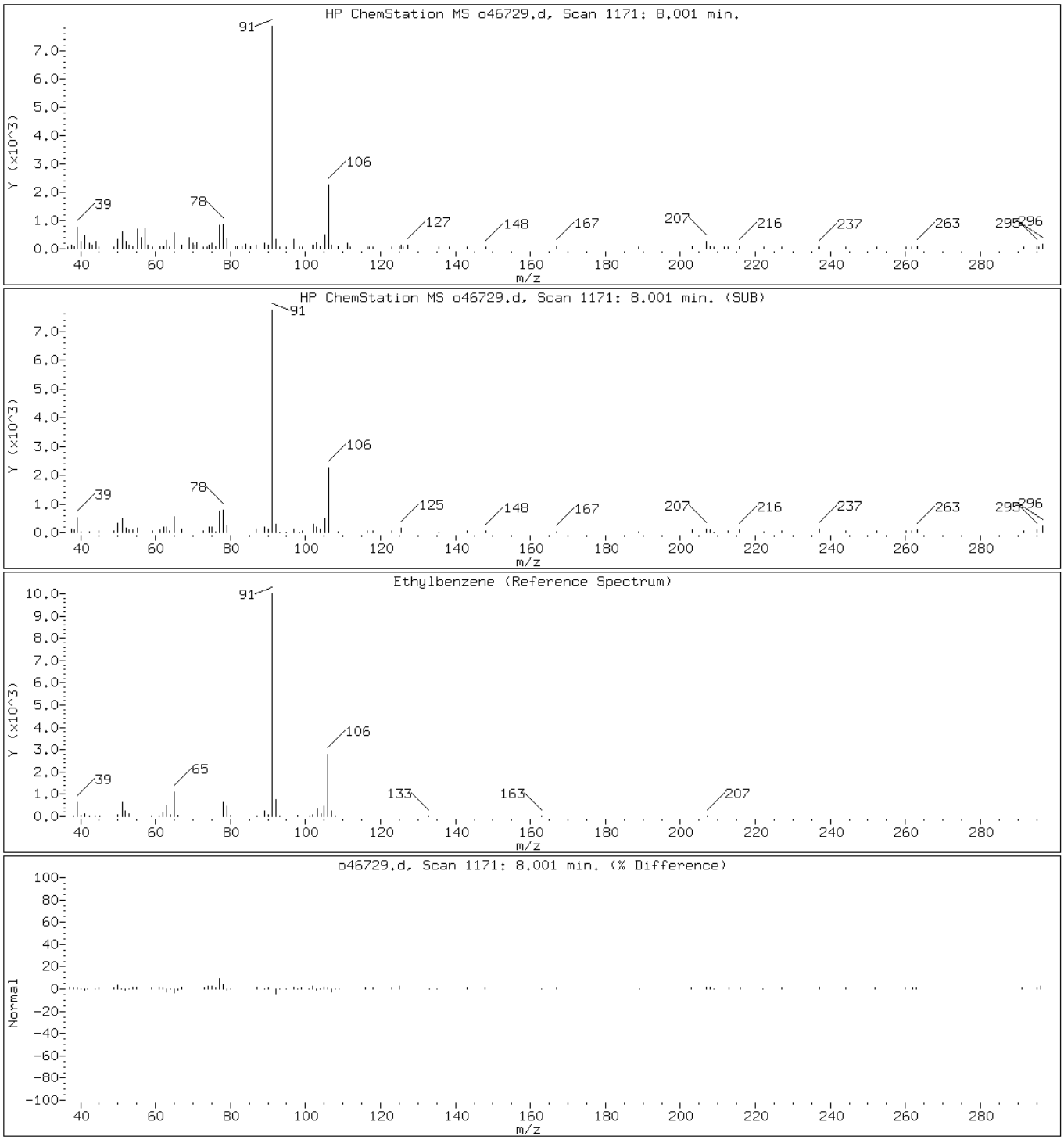
Data File: o46729.d

Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

40 Ethylbenzene



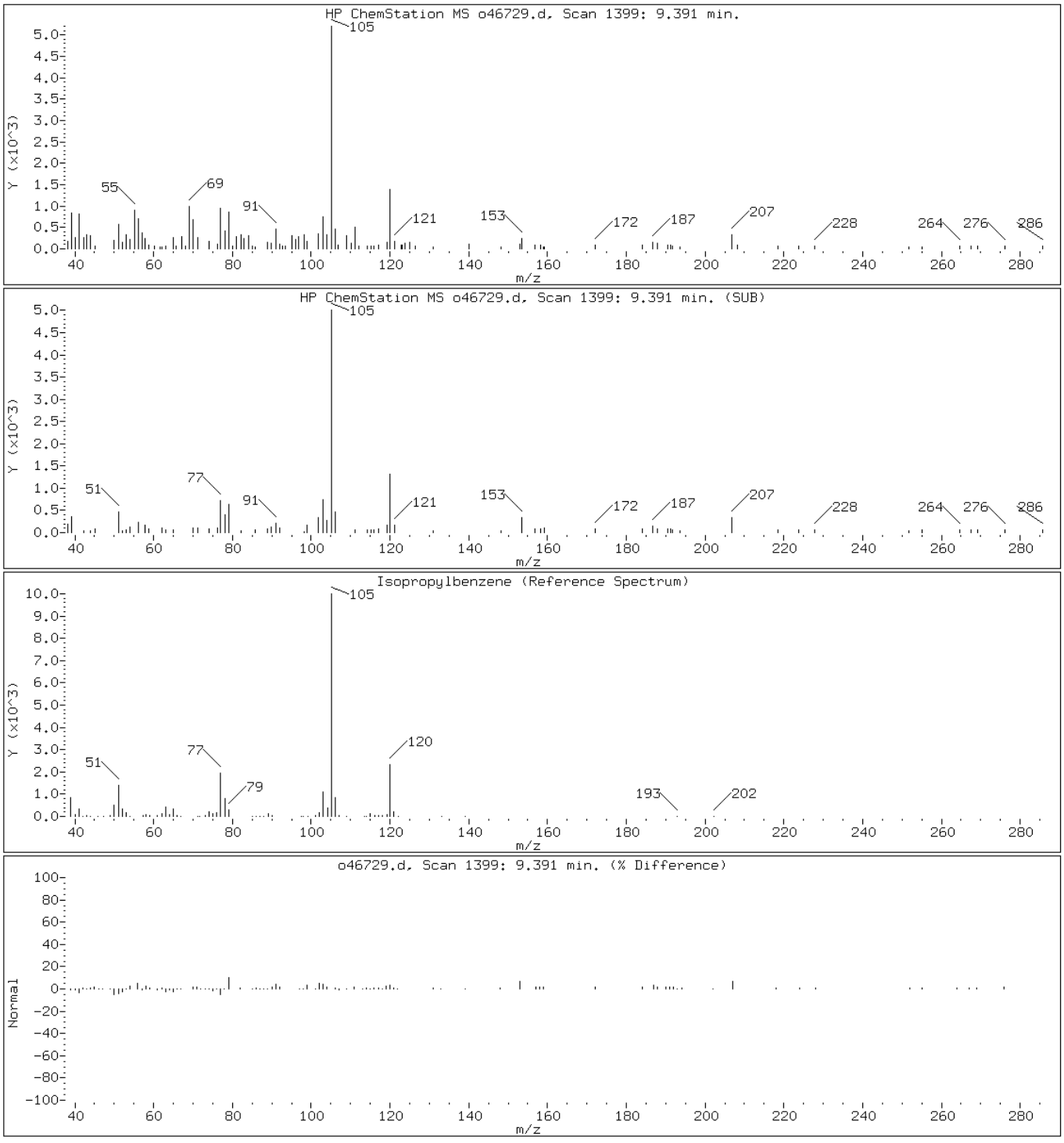
Data File: o46729.d

Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

110 Isopropylbenzene



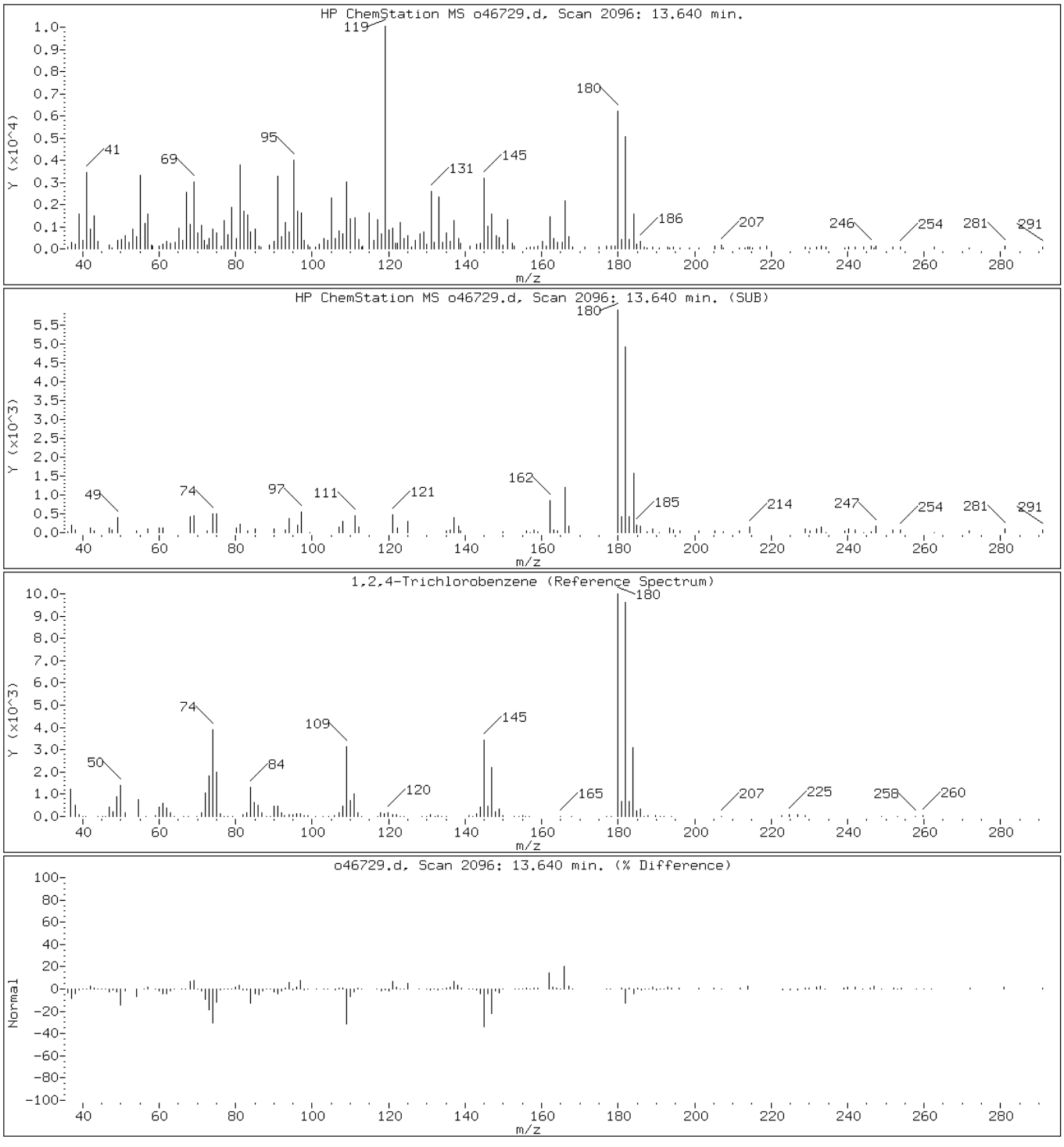
Data File: o46729.d

Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



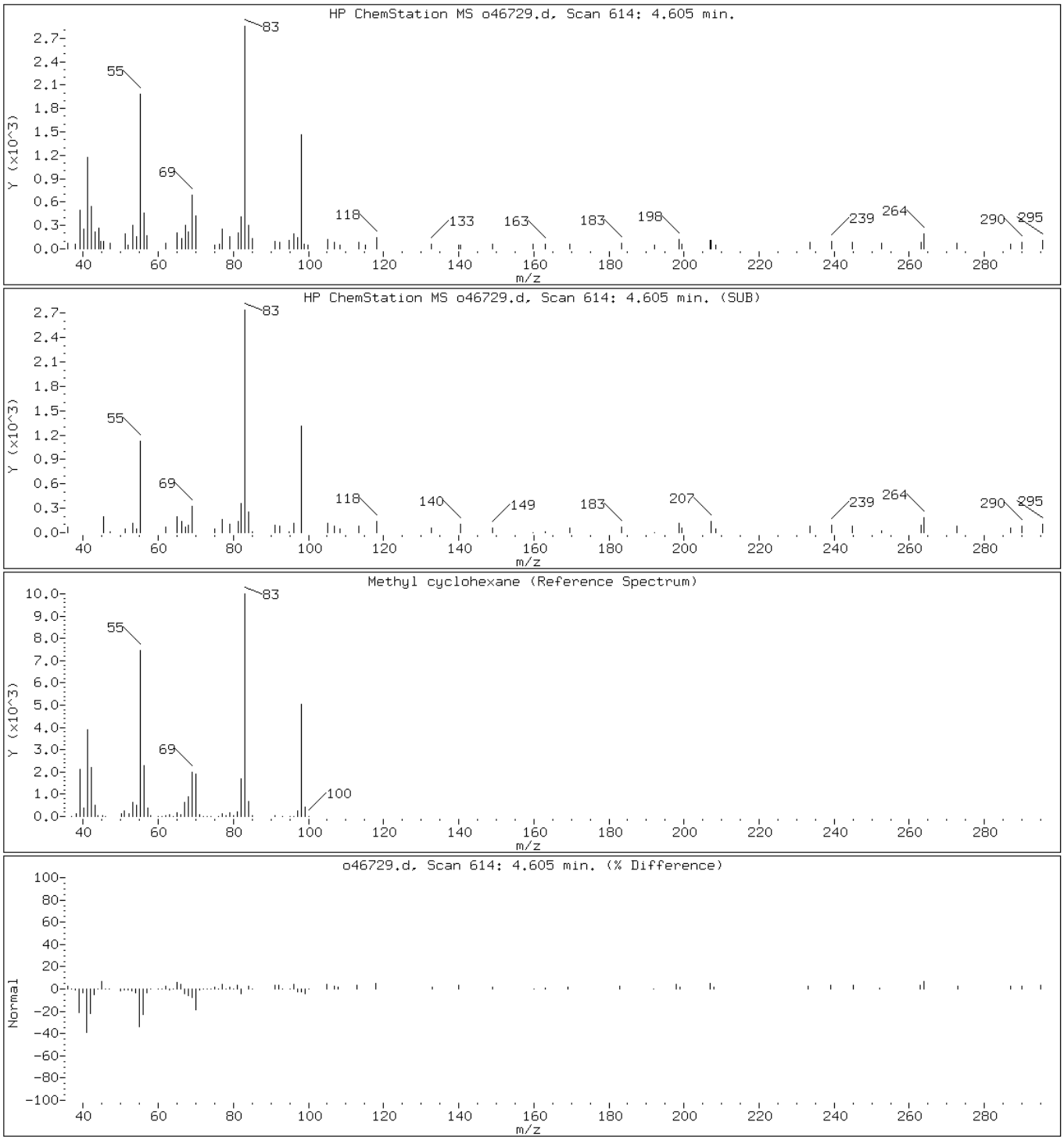
Data File: o46729.d

Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

126 Methyl cyclohexane



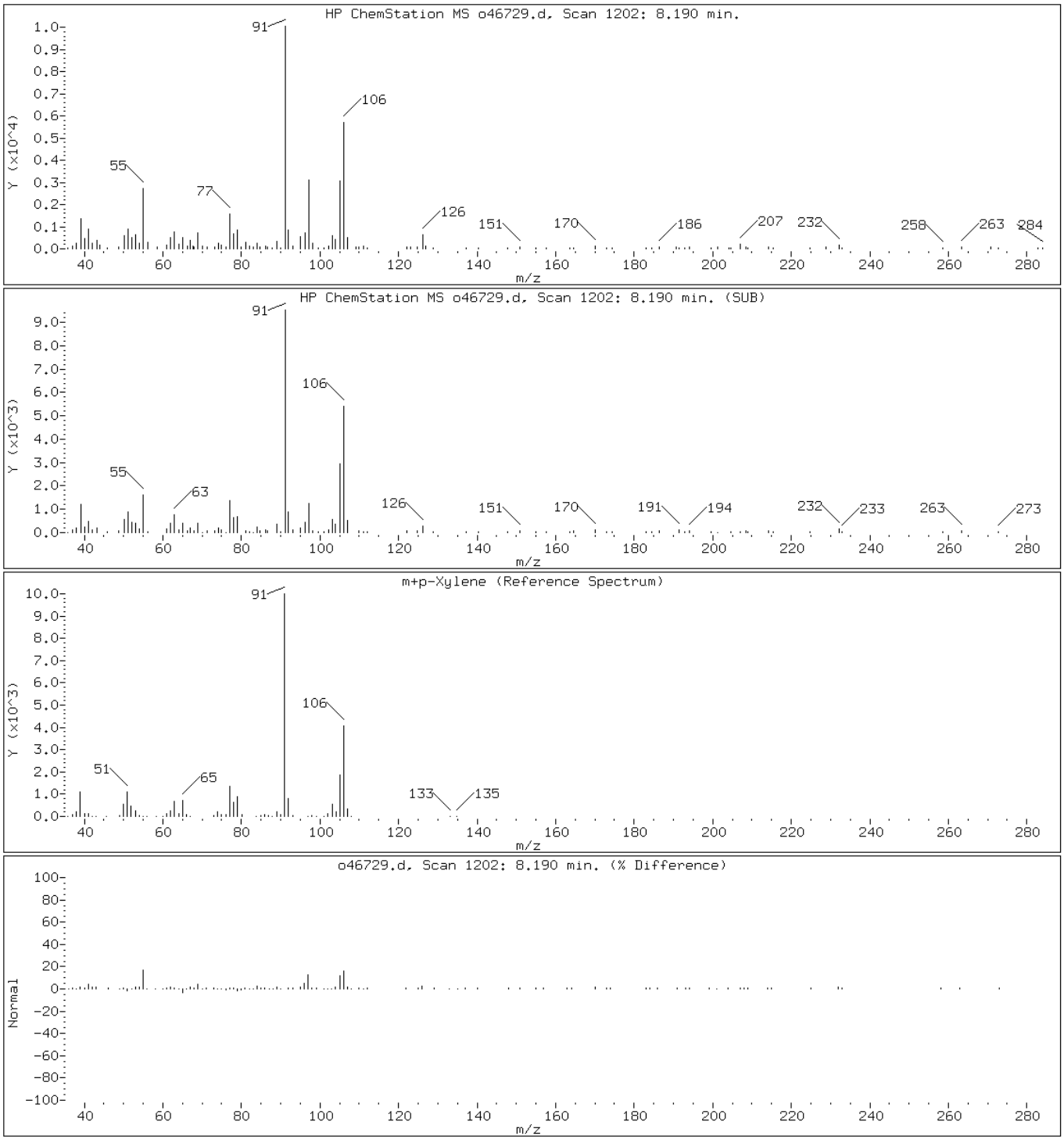
Data File: o46729.d

Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

43 m+p-Xylene



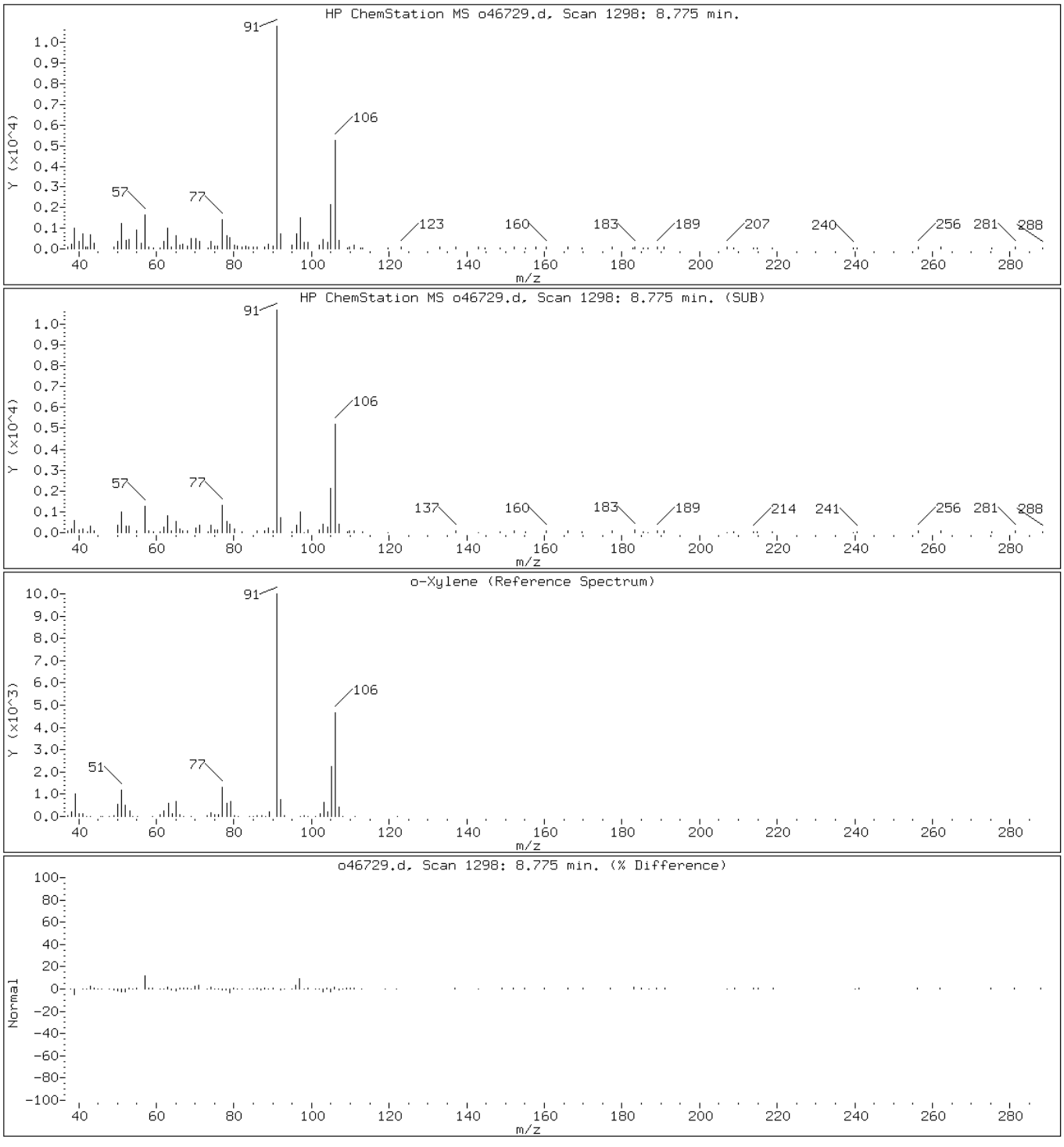
Data File: o46729.d

Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

44 o-Xylene



Data File: o46729.d

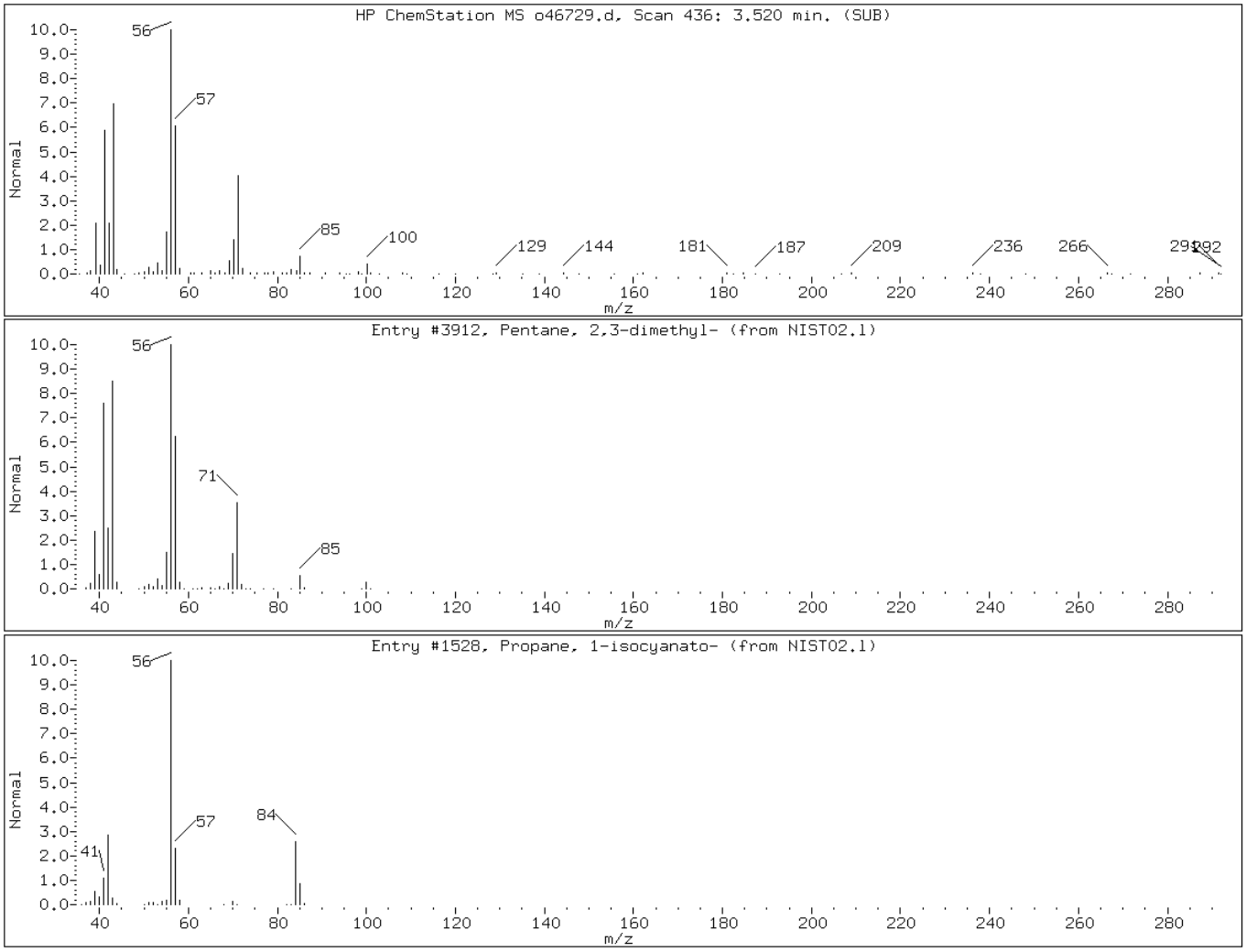
Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

Retention Time: 3.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C7H16 Alkane						
Pentane, 2,3-dimethyl-	565-59-3	NIST02.l	3912	91	C7H16	100
Propane, 1-isocyanato-	110-78-1	NIST02.l	1528	50	C4H7NO	85



Data File: o46729.d

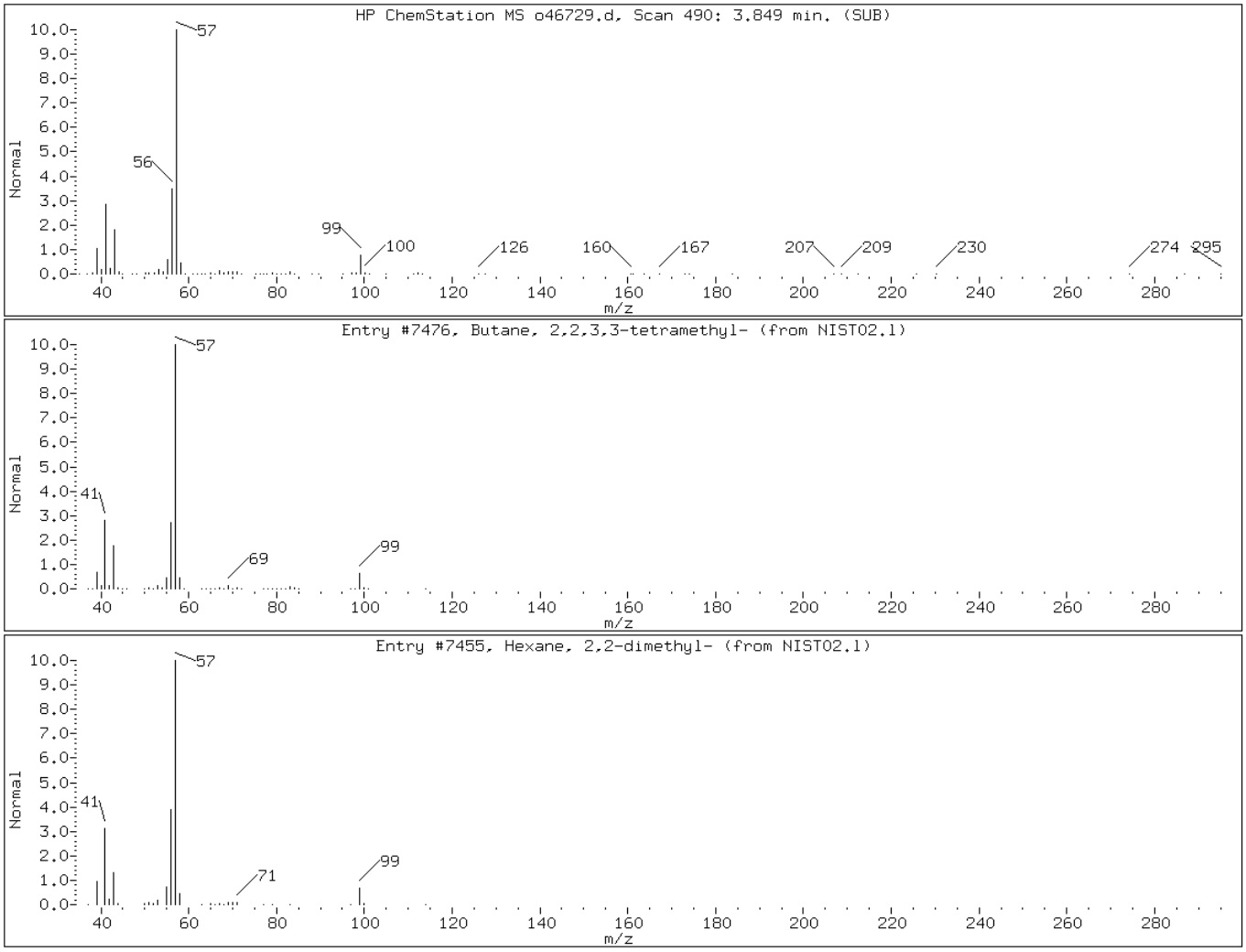
Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

Retention Time: 3.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C7H16 Alkane-1						
Butane, 2,2,3,3-tetramethyl-	594-82-1	NIST02.l	7476	72	C8H18	114
Hexane, 2,2-dimethyl-	590-73-8	NIST02.l	7455	72	C8H18	114



Data File: o46729.d

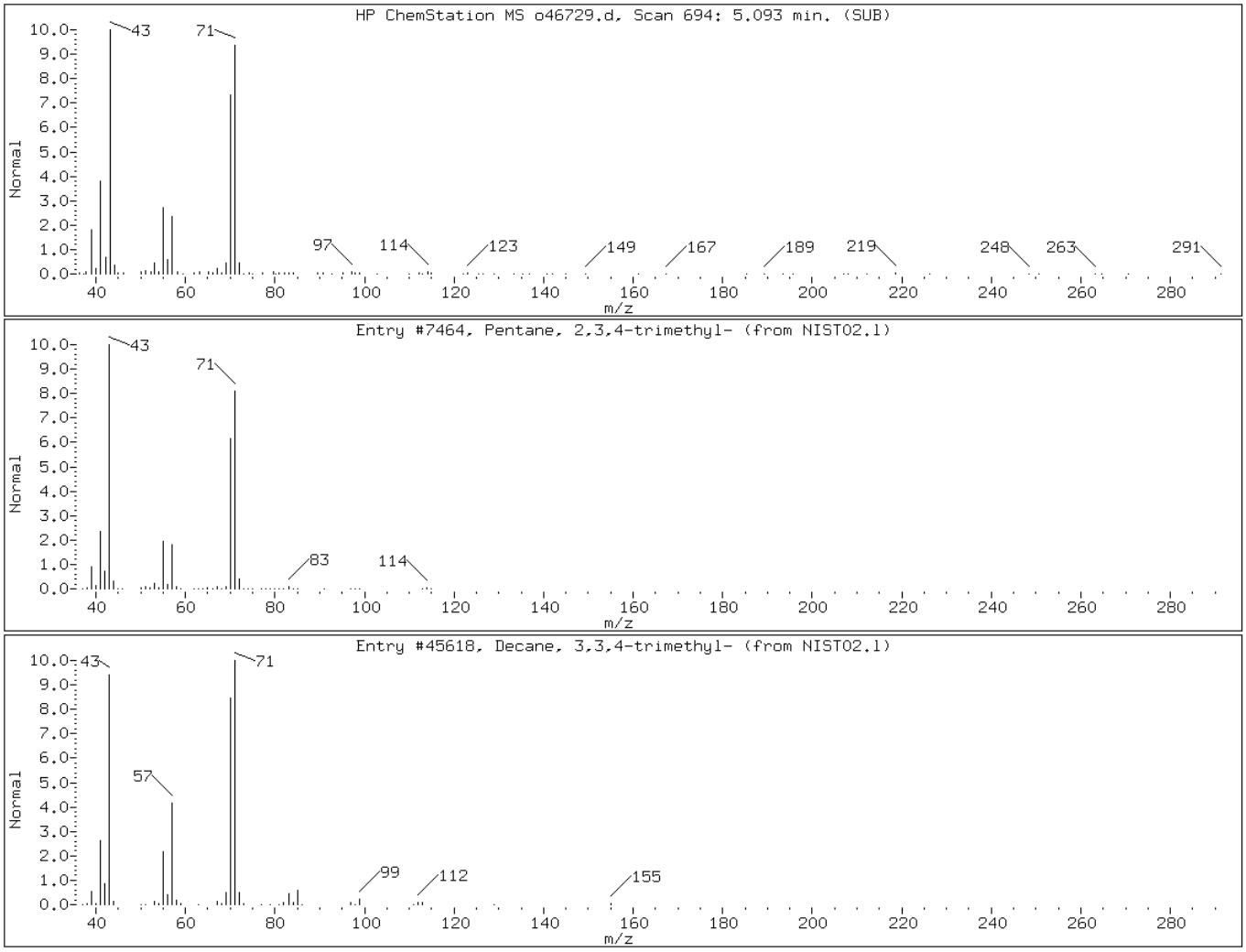
Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

Retention Time: 5.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C8H18 Alkane						
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.l	7464	91	C8H18	114
Decane, 3,3,4-trimethyl-	49622-18-6	NIST02.l	45618	83	C13H28	184



Data File: o46729.d

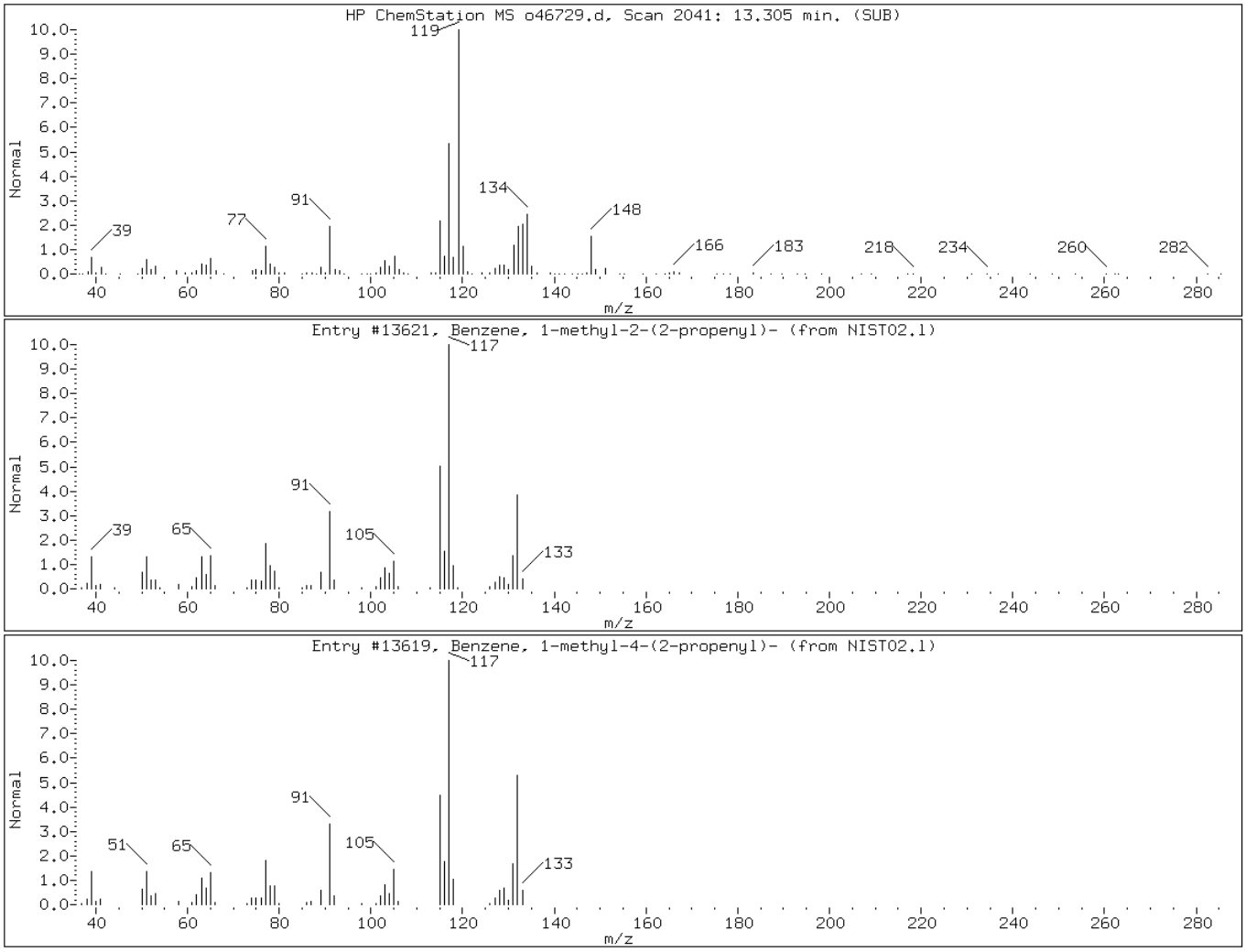
Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

Retention Time: 13.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13621	83	C10H12	132
Benzene, 1-methyl-4-(2-propenyl)-	3333-13-9	NIST02.l	13619	83	C10H12	132



Data File: o46729.d

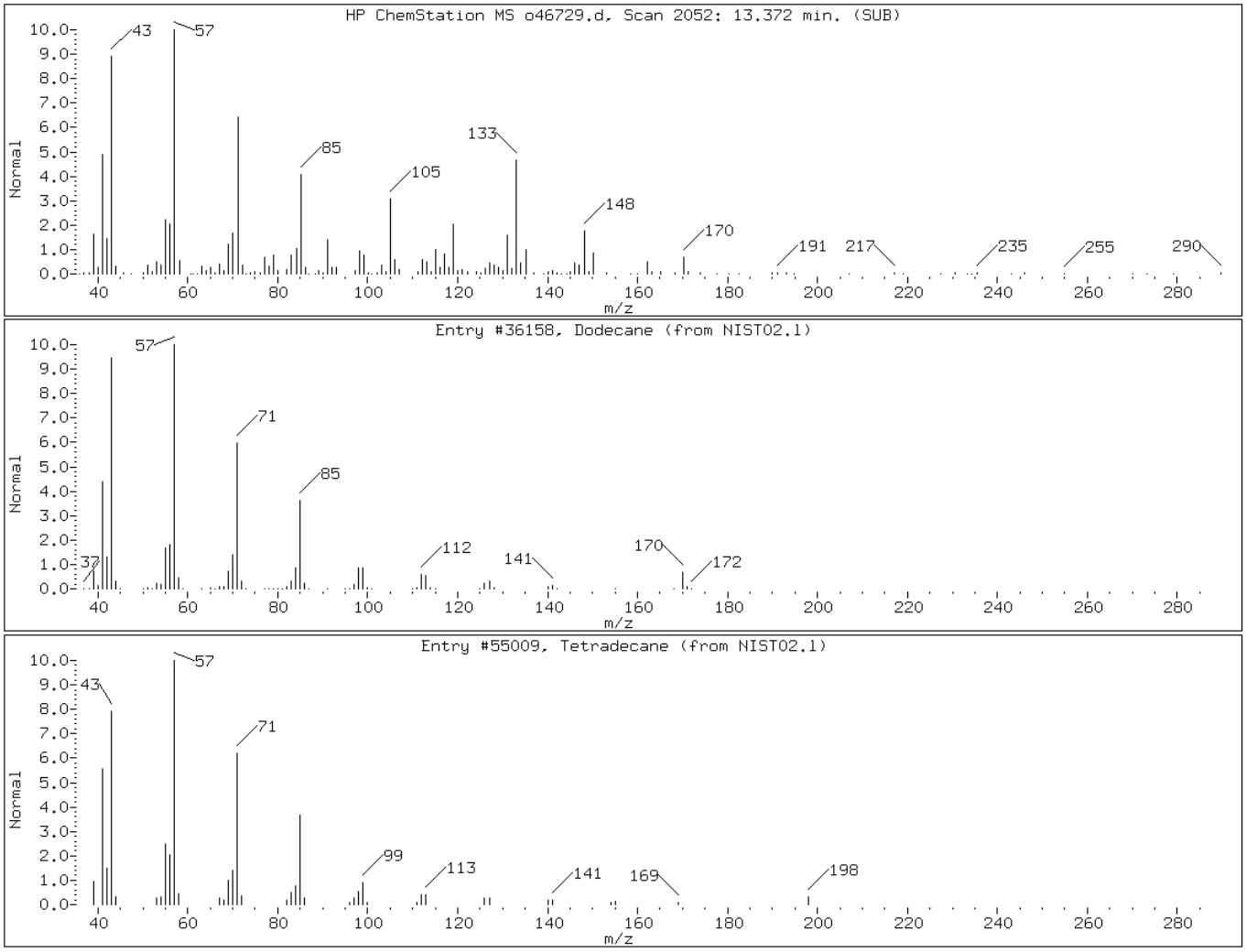
Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

Retention Time: 13.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36158	94	C12H26	170
Tetradecane	629-59-4	NIST02.l	55009	38	C14H30	198



Data File: o46729.d

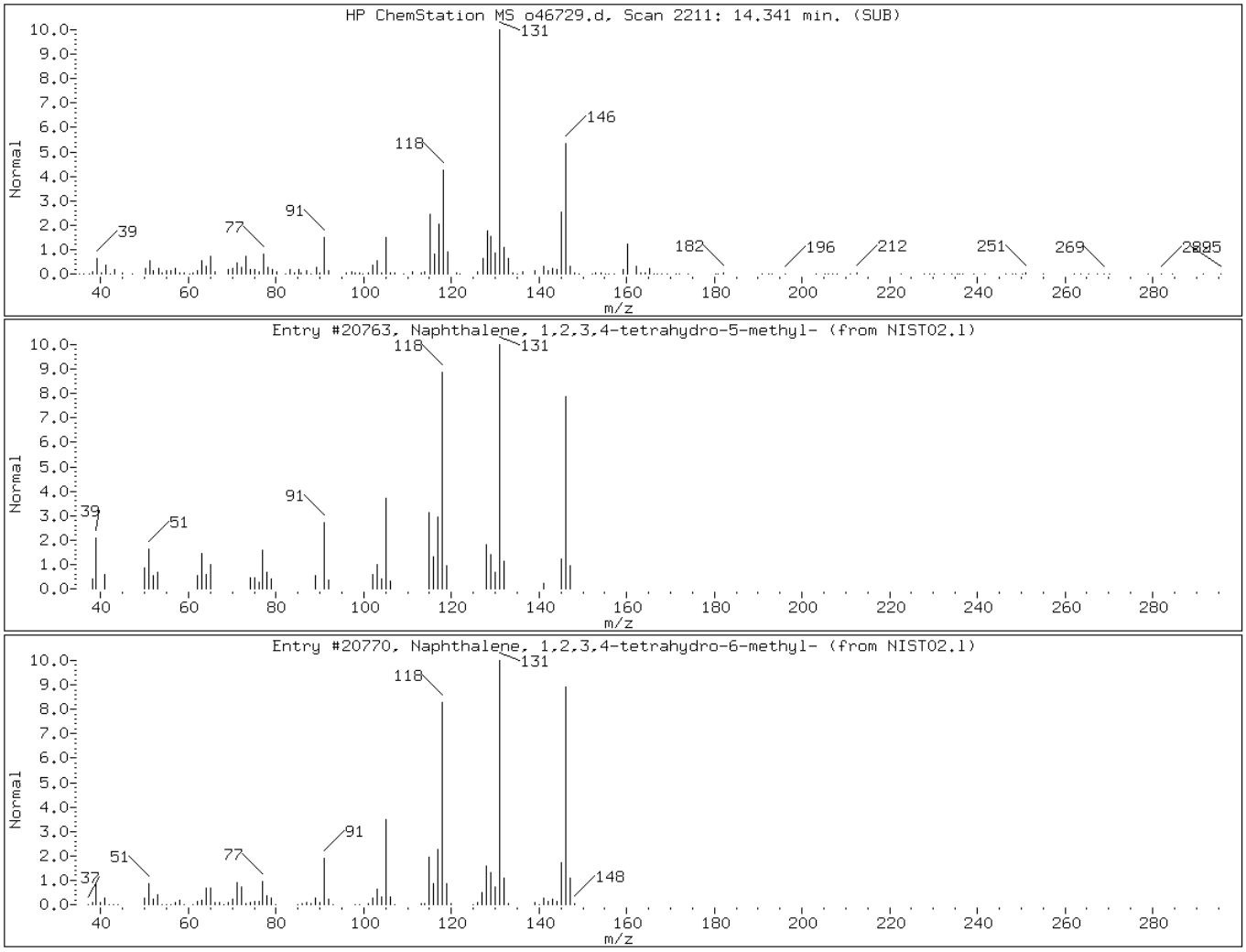
Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

Retention Time: 14.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydromethylnaphthalene isomer						
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20763	89	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-6-	1680-51-9	NIST02.l	20770	74	C11H14	146



Data File: o46729.d

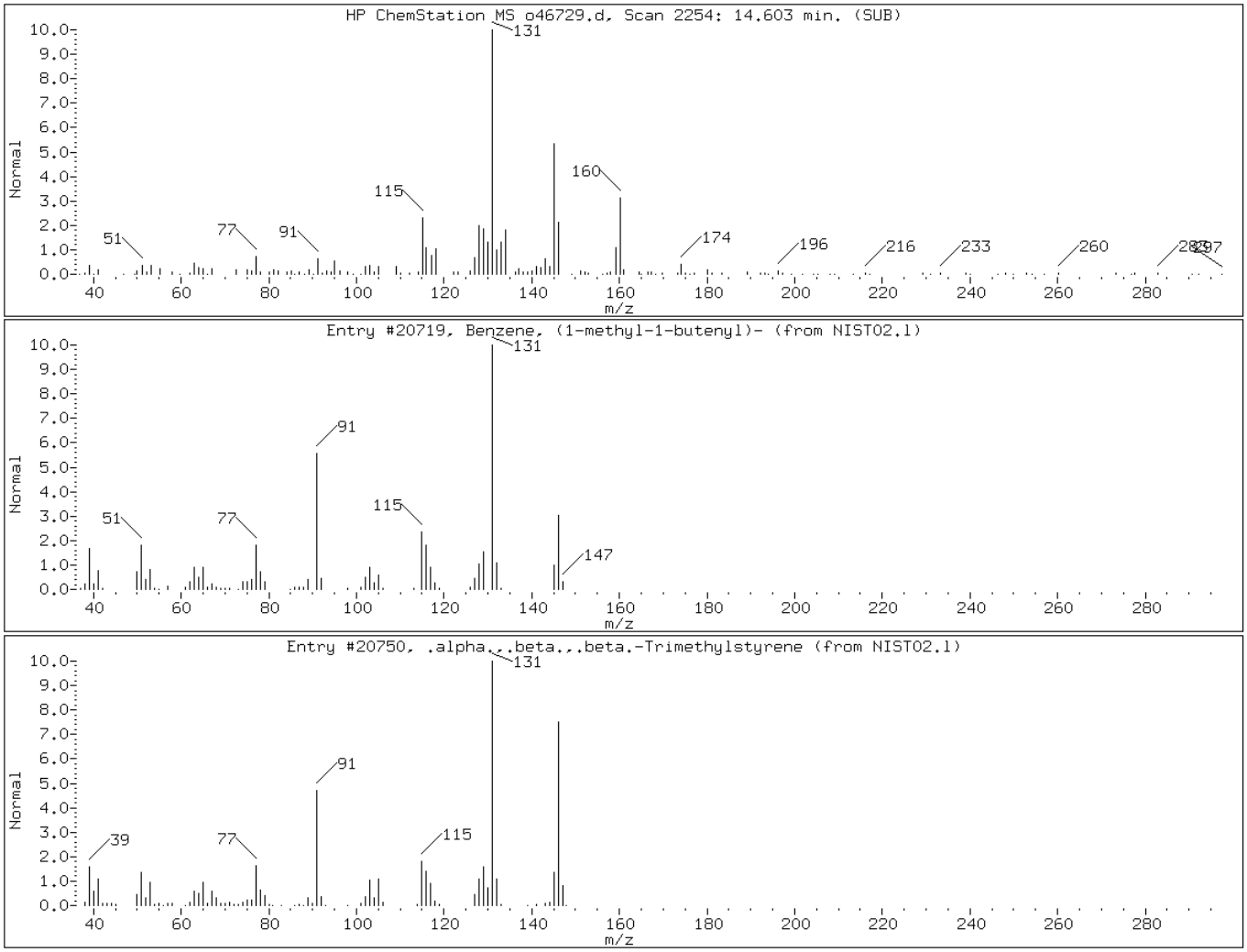
Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

Retention Time: 14.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.l	20719	49	C11H14	146
.alpha.,.beta.,.beta.-Trimethylsty	769-57-3	NIST02.l	20750	49	C11H14	146



Data File: o46729.d

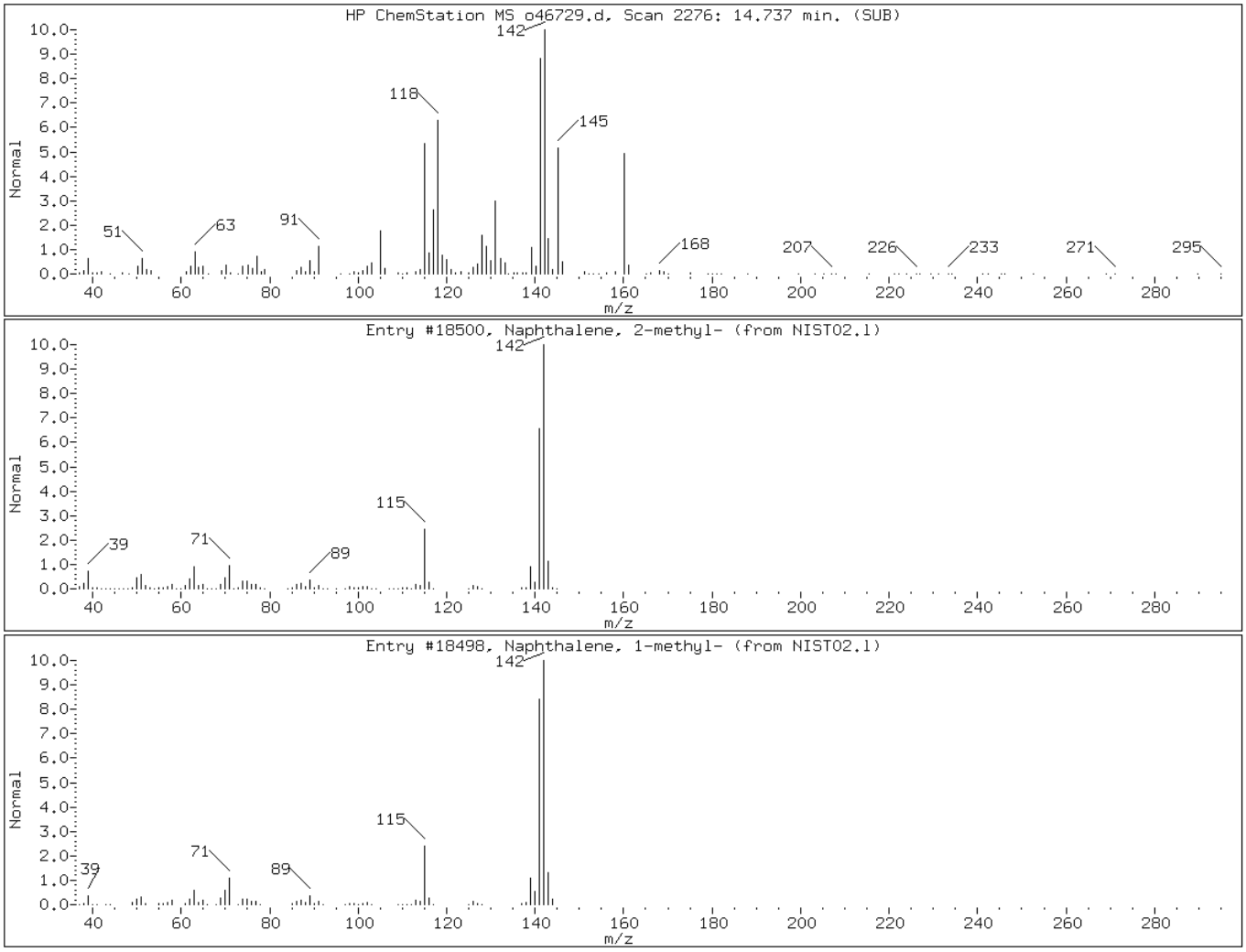
Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

Retention Time: 14.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylnaphthalene isomer						
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18500	55	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18498	50	C11H10	142



Data File: o46729.d

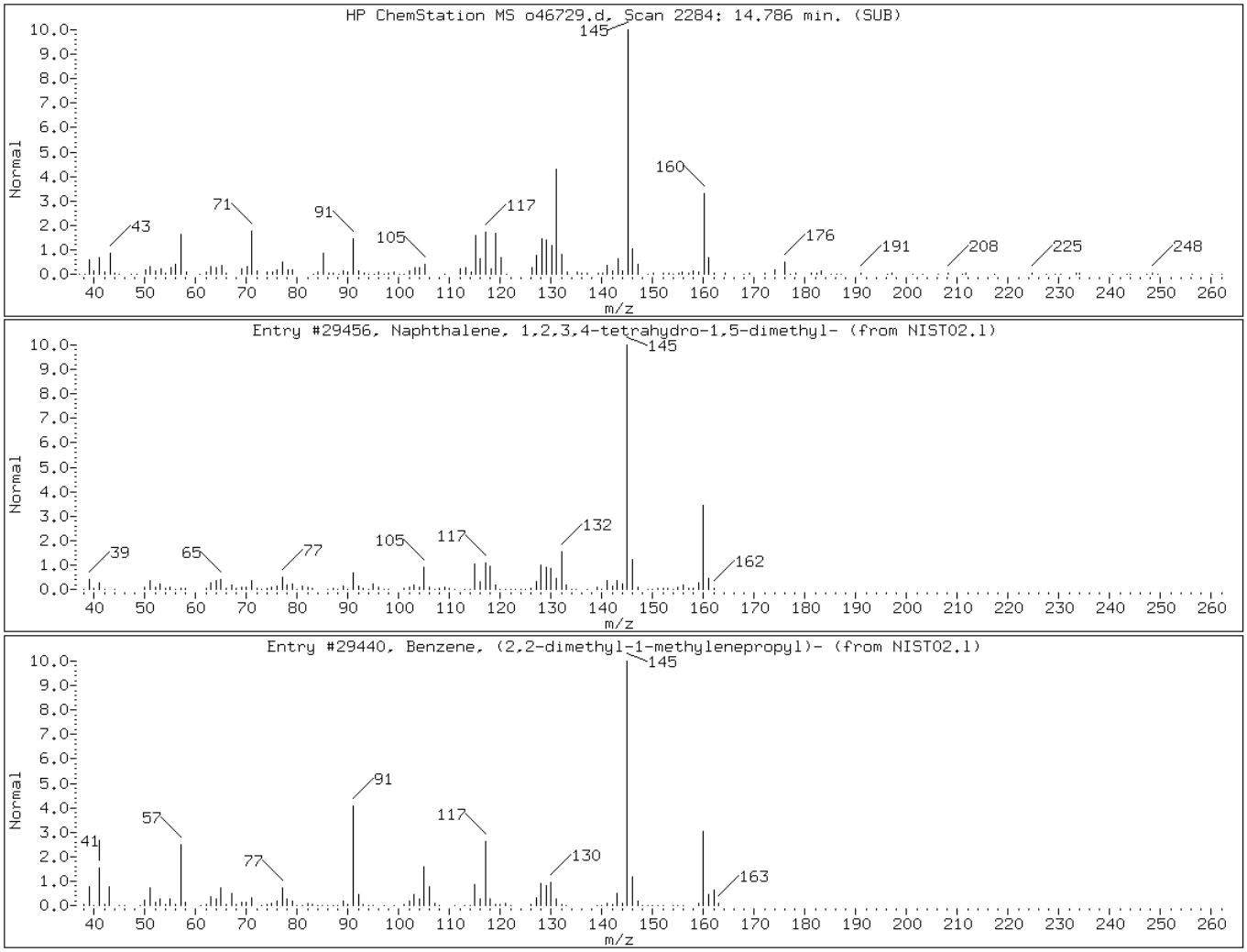
Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

Retention Time: 14.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
Naphthalene, 1,2,3,4-tetrahydro-1,	21564-91-0	NIST02.l	29456	76	C12H16	160
Benzene, (2,2-dimethyl-1-methylene	5676-29-9	NIST02.l	29440	70	C12H16	160



Data File: o46729.d

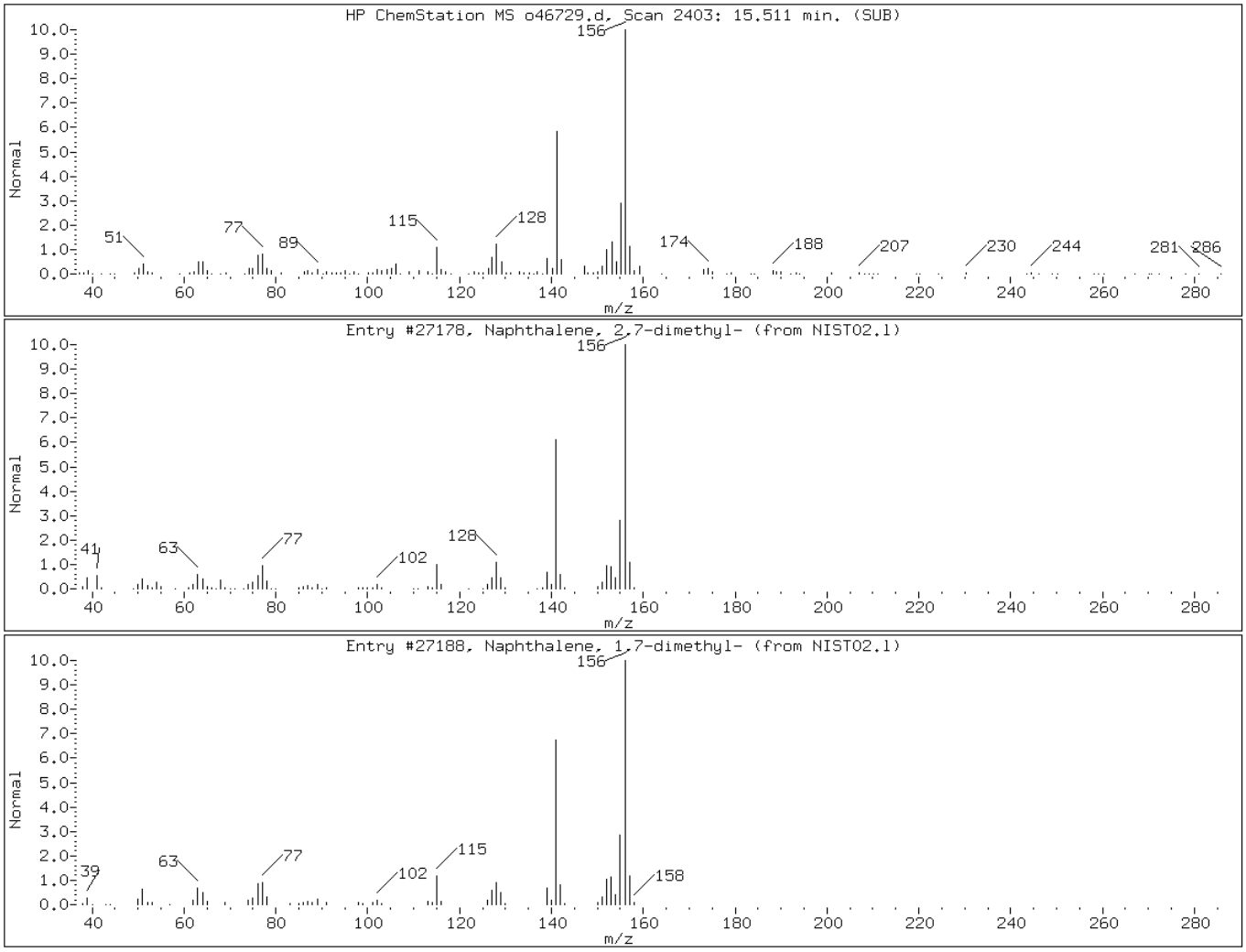
Date: 29-MAR-2011 08:37

Client ID: PMP-10-ST2-E (23.5- Instrument: VOAMS12.i

Sample Info: 460-24277-D-10-A;;;5.75;5 Operator: VOAMS 9

Retention Time: 15.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27178	97	C12H12	156
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.l	27188	97	C12H12	156



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-VD-E (3.5-4) | Lab Sample ID: 460-24277-11

Matrix: Solid | Lab File ID: o46664.d

Analysis Method: 8260B | Date Collected: 03/17/2011 16:00

Sample wt/vol: 5.83(g) | Date Analyzed: 03/26/2011 05:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.9 | Level: (low/med) Low

Analysis Batch No.: 68548 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.89	U H	0.89	0.57
74-83-9	Bromomethane	0.89	U H	0.89	0.37
75-01-4	Vinyl chloride	0.89	U H	0.89	0.21
75-00-3	Chloroethane	0.89	U H	0.89	0.36
75-09-2	Methylene Chloride	0.89	U H	0.89	0.42
67-64-1	Acetone	9.7	H B	8.9	3.3
75-15-0	Carbon disulfide	0.89	U H	0.89	0.42
75-69-4	Trichlorofluoromethane	0.89	U H	0.89	0.23
75-35-4	1,1-Dichloroethene	0.89	U H	0.89	0.33
75-34-3	1,1-Dichloroethane	0.89	U H	0.89	0.22
156-60-5	trans-1,2-Dichloroethene	0.89	U H	0.89	0.25
156-59-2	cis-1,2-Dichloroethene	0.89	U H	0.89	0.21
67-66-3	Chloroform	0.89	U H	0.89	0.21
78-93-3	2-Butanone	8.9	U H	8.9	0.51
107-06-2	1,2-Dichloroethane	0.89	U H	0.89	0.35
71-55-6	1,1,1-Trichloroethane	0.89	U H	0.89	0.17
56-23-5	Carbon tetrachloride	0.89	U H	0.89	0.090
71-43-2	Benzene	0.89	U H	0.89	0.66
75-25-2	Bromoform	0.89	U H	0.89	0.63
100-42-5	Styrene	0.89	U H	0.89	0.31
100-41-4	Ethylbenzene	0.89	U H	0.89	0.17
108-90-7	Chlorobenzene	0.89	U H	0.89	0.43
110-82-7	Cyclohexane	0.89	U H	0.89	0.20
98-82-8	Isopropylbenzene	0.89	U H	0.89	0.23
591-78-6	2-Hexanone	8.9	U H	8.9	1.5
1634-04-4	MTBE	0.89	U H	0.89	0.31
76-13-1	Freon TF	0.89	U H	0.89	0.42
79-20-9	Methyl acetate	0.89	U H	0.89	0.80
123-91-1	1,4-Dioxane	45	U H	45	3.7
79-01-6	Trichloroethene	0.89	U H	0.89	0.32
108-88-3	Toluene	0.89	U H	0.89	0.27
10061-02-6	trans-1,3-Dichloropropene	0.89	U H	0.89	0.20
108-10-1	4-Methyl-2-pentanone	8.9	U H	8.9	0.64
10061-01-5	cis-1,3-Dichloropropene	0.89	U H	0.89	0.18
95-50-1	1,2-Dichlorobenzene	0.89	U H	0.89	0.57
541-73-1	1,3-Dichlorobenzene	0.89	U H	0.89	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-VD-E (3.5-4) | Lab Sample ID: 460-24277-11

Matrix: Solid | Lab File ID: o46664.d

Analysis Method: 8260B | Date Collected: 03/17/2011 16:00

Sample wt/vol: 5.83(g) | Date Analyzed: 03/26/2011 05:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.9 | Level: (low/med) Low

Analysis Batch No.: 68548 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.89	U H	0.89	0.63
120-82-1	1,2,4-Trichlorobenzene	0.89	U H	0.89	0.48
87-61-6	1,2,3-Trichlorobenzene	0.89	U H	0.89	0.58
78-87-5	1,2-Dichloropropane	0.89	U H	0.89	0.28
108-87-2	Methylcyclohexane	0.89	U H	0.89	0.24
127-18-4	Tetrachloroethene	0.89	U H	0.89	0.29
1330-20-7	Xylenes, Total	2.7	U H	2.7	0.70
96-12-8	1,2-Dibromo-3-Chloropropane	0.89	U H	0.89	0.55
79-34-5	1,1,2,2-Tetrachloroethane	0.89	U H	0.89	0.68
79-00-5	1,1,2-Trichloroethane	0.89	U H	0.89	0.53
124-48-1	Dibromochloromethane	0.89	U H	0.89	0.50
106-93-4	1,2-Dibromoethane	0.89	U H	0.89	0.46
75-71-8	Dichlorodifluoromethane	0.89	U H	0.89	0.36
74-97-5	Bromochloromethane	0.89	U H	0.89	0.24
75-27-4	Bromodichloromethane	0.89	U H	0.89	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-138
2037-26-5	Toluene-d8 (Surr)	91		66-126
460-00-4	Bromofluorobenzene	94		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-VD-E (3.5-4) Lab Sample ID: 460-24277-11

Matrix: Solid Lab File ID: o46664.d

Analysis Method: 8260B Date Collected: 03/17/2011 16:00

Sample wt/vol: 5.83(g) Date Analyzed: 03/26/2011 05:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.9 Level: (low/med) Low

Analysis Batch No.: 68548 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	H

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46664.d
Report Date: 29-Mar-2011 10:23

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46664.d
Lab Smp Id: 460-24277-B-11-A Client Smp ID: PMP-13-VD-E (3.5-4)
Inj Date : 26-MAR-2011 05:18
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-B-11-A;;;5.83;5
Misc Info : 460-24277-B-11-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/8260L_10.m
Meth Date : 25-Mar-2011 20:15 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.83000	Weight of sample extracted (g)
M	3.93939	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7 Acetone	43	1.807	1.813	(0.447)	9176	10.8687	9.7
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.721	(0.920)	170528	47.0523	42
* 69 Fluorobenzene	96	4.038	4.038	(1.000)	985667	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	715544	45.4514	40
* 32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	683546	50.0000	(H)
$ 41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	267799	46.9807	42
* 91 1,4-Dichlorobenzene-d4	152	11.469	11.475	(1.000)	382862	50.0000	

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46664.d
Report Date: 29-Mar-2011 10:23

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46664.d
Lab Smp Id: 460-24277-B-11-A Client Smp ID: PMP-13-VD-E (3.5-4)
Inj Date : 26-MAR-2011 05:18
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-B-11-A;;;5.83;5
Misc Info : 460-24277-B-11-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/8260L_10.m
Meth Date : 25-Mar-2011 20:15 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

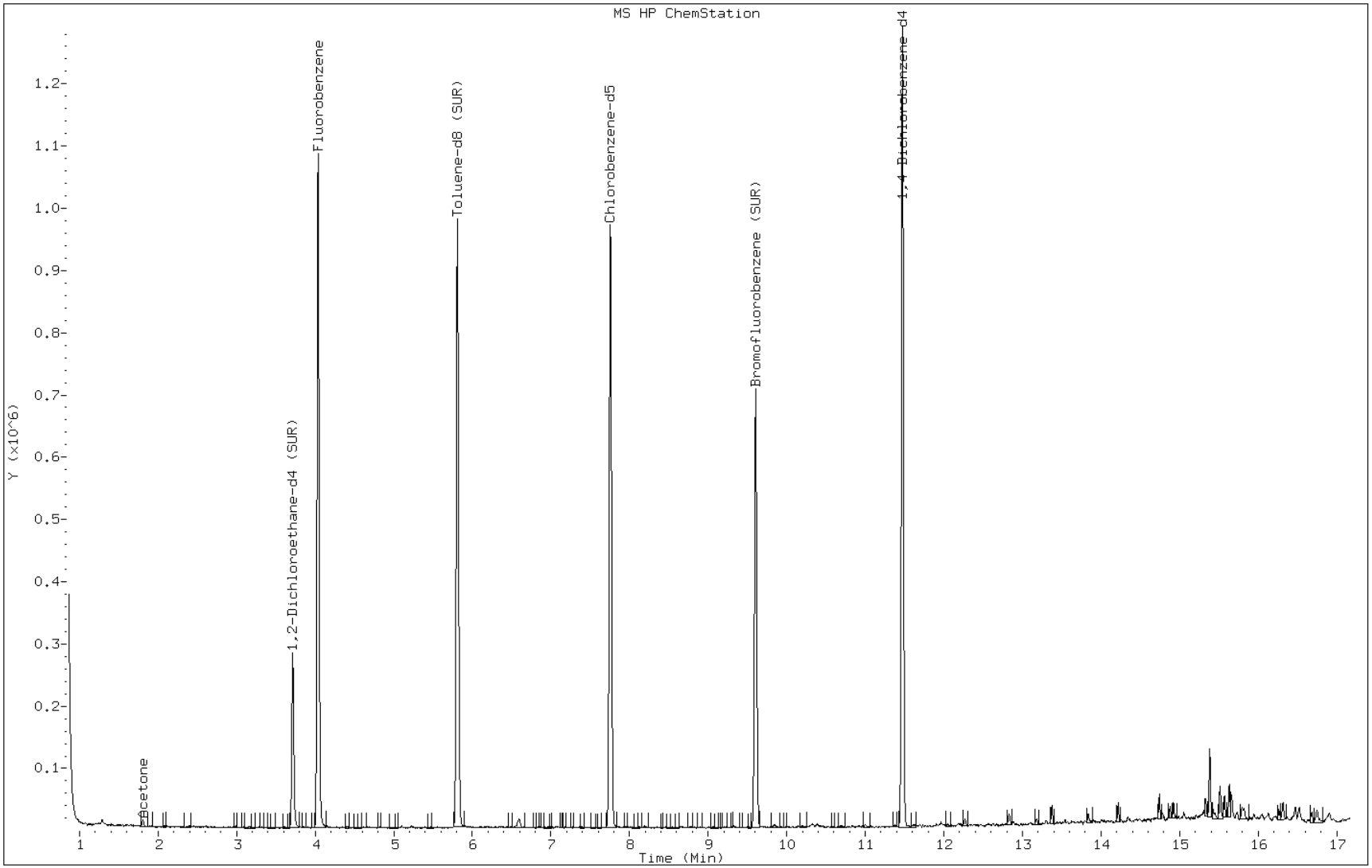
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46664.d

Date: 26-MAR-2011 05:18

Client ID: PMP-13-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-B-11-A;;;5.83;5 Operator: VOAMS 9



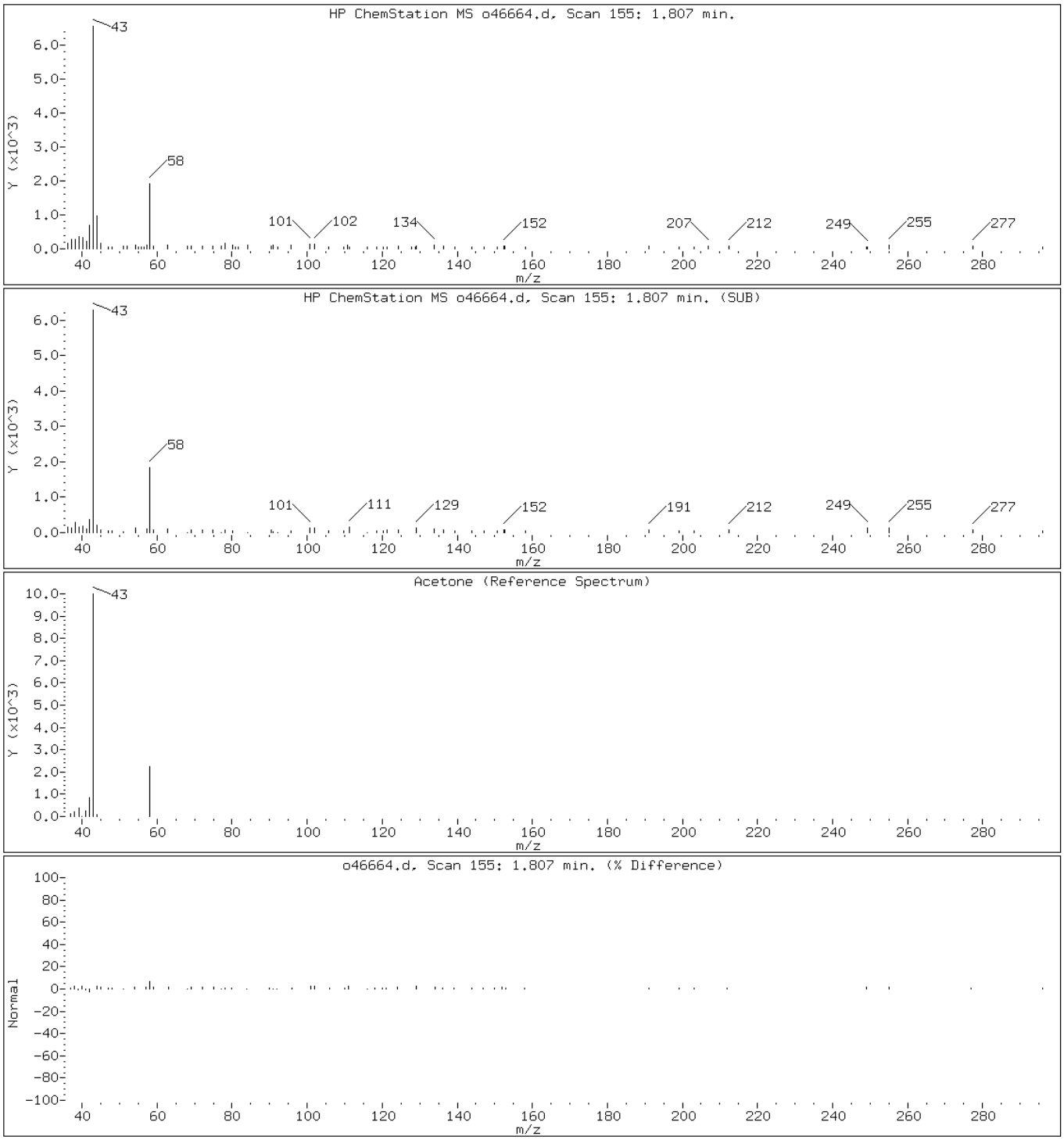
Data File: o46664.d

Date: 26-MAR-2011 05:18

Client ID: PMP-13-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-B-11-A;;;5.83;5 Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) | Lab Sample ID: 460-24277-12

Matrix: Solid | Lab File ID: j98632.d

Analysis Method: 8260B | Date Collected: 03/17/2011 16:05

Sample wt/vol: 6.03(g) | Date Analyzed: 03/24/2011 18:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 9.5 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	46	U	46	9.6
74-83-9	Bromomethane	46	U	46	14
75-01-4	Vinyl chloride	46	U	46	5.5
75-00-3	Chloroethane	46	U	46	20
75-09-2	Methylene Chloride	46	U	46	8.8
67-64-1	Acetone	460	U	460	110
75-15-0	Carbon disulfide	46	U	46	6.7
75-69-4	Trichlorofluoromethane	46	U	46	7.2
75-35-4	1,1-Dichloroethene	46	U	46	6.4
75-34-3	1,1-Dichloroethane	46	U	46	4.6
156-60-5	trans-1,2-Dichloroethene	46	U	46	6.3
156-59-2	cis-1,2-Dichloroethene	46	U	46	8.9
67-66-3	Chloroform	46	U	46	7.1
78-93-3	2-Butanone	460	U	460	38
107-06-2	1,2-Dichloroethane	46	U	46	11
71-55-6	1,1,1-Trichloroethane	46	U	46	11
56-23-5	Carbon tetrachloride	46	U	46	8.2
71-43-2	Benzene	46	U	46	5.4
75-25-2	Bromoform	46	U	46	4.5
100-42-5	Styrene	46	U	46	6.4
100-41-4	Ethylbenzene	46	U	46	11
108-90-7	Chlorobenzene	46	U	46	7.6
110-82-7	Cyclohexane	920		46	5.7
98-82-8	Isopropylbenzene	46	U	46	9.7
591-78-6	2-Hexanone	460	U	460	25
1634-04-4	MTBE	46	U	46	8.5
76-13-1	Freon TF	46	U	46	13
79-20-9	Methyl acetate	92	U	92	15
123-91-1	1,4-Dioxane	2300	U	2300	390
79-01-6	Trichloroethene	46	U	46	8.1
108-88-3	Toluene	46	U	46	4.3
10061-02-6	trans-1,3-Dichloropropene	46	U	46	5.6
108-10-1	4-Methyl-2-pentanone	460	U	460	31
10061-01-5	cis-1,3-Dichloropropene	46	U	46	4.7
95-50-1	1,2-Dichlorobenzene	46	U	46	7.5
541-73-1	1,3-Dichlorobenzene	46	U	46	10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) | Lab Sample ID: 460-24277-12

Matrix: Solid | Lab File ID: j98632.d

Analysis Method: 8260B | Date Collected: 03/17/2011 16:05

Sample wt/vol: 6.03(g) | Date Analyzed: 03/24/2011 18:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 9.5 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18	J	46	6.9
120-82-1	1,2,4-Trichlorobenzene	1000		46	20
87-61-6	1,2,3-Trichlorobenzene	46	U	46	38
78-87-5	1,2-Dichloropropane	46	U	46	4.0
108-87-2	Methylcyclohexane	380		46	3.7
127-18-4	Tetrachloroethene	24	J	46	9.0
1330-20-7	Xylenes, Total	190		140	20
96-12-8	1,2-Dibromo-3-Chloropropane	46	U	46	7.0
79-34-5	1,1,2,2-Tetrachloroethane	46	U	46	3.9
79-00-5	1,1,2-Trichloroethane	46	U	46	4.5
124-48-1	Dibromochloromethane	46	U	46	4.6
106-93-4	1,2-Dibromoethane	46	U	46	4.2
75-71-8	Dichlorodifluoromethane	46	U	46	13
74-97-5	Bromochloromethane	46	U	46	7.9
75-27-4	Bromodichloromethane	46	U	46	4.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		57-135
2037-26-5	Toluene-d8 (Surr)	77		46-130
460-00-4	Bromofluorobenzene	95		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) Lab Sample ID: 460-24277-12

Matrix: Solid Lab File ID: j98632.d

Analysis Method: 8260B Date Collected: 03/17/2011 16:05

Sample wt/vol: 6.03(g) Date Analyzed: 03/24/2011 18:08

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 9.5 Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 42900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C8H18 Alkane	7.61	2700	J
	Unknown	12.20	2500	J
	C10H20 Cycloalkane	12.72	2300	J
	Unknown-1	12.93	3700	J
	Unknown-2	13.58	2600	J
	Decahydronaphthalene isomer	14.21	5500	J
	C11H16 Aromatic	14.80	5800	J
	Decahydromethylnaphthalene isomer	14.98	5700	J
	Decahydromethylnaphthalene isomer-1	15.26	9100	J
	Unknown Aromatic	15.73	3000	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98632.d
Report Date: 25-Mar-2011 14:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98632.d
Lab Smp Id: 460-24277-D-12-A Client Smp ID: PMP-13-WT-E (7.5-8.
Inj Date : 24-MAR-2011 18:08
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-D-12-A;50;;6.03;5
Misc Info : 460-24277-D-12-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 17
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.03000	Weight of sample extracted (g)
M	9.47109	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
44 Cyclohexane	56	7.154	7.136	(0.907)	277110	20.0483	920
$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.493	7.474	(0.950)	399285	43.7387	2000
* 52 Fluorobenzene	96	7.887	7.883	(1.000)	1439875	50.0000	
56 Methyl cyclohexane	83	8.581	8.560	(1.088)	84883	8.25104	380(H)
$ 65 Toluene-d8 (SUR)	98	9.754	9.748	(0.859)	974447	38.3390	1800
71 Tetrachloroethene	166	10.453	10.441	(0.921)	6784	0.52937	24(a)
* 78 Chlorobenzene-d5	117	11.354	11.346	(1.000)	1087011	50.0000	
82 m+p-Xylene	106	11.582	11.583	(1.020)	6964	0.48941	22(a)
84 o-Xylene	106	12.003	12.003	(1.057)	51085	3.60892	160
$ 89 Bromofluorobenzene (SUR)	174	12.546	12.550	(0.910)	538889	47.2836	2200
97 1,3,5-Trimethylbenzene	105	12.953	12.946	(0.940)	314507	13.1111	600
101 1,2,4-Trimethylbenzene	105	13.364	13.359	(0.969)	277978	10.4948	480
* 108 1,4-Dichlorobenzene-d4	152	13.784	13.789	(1.000)	600624	50.0000	
109 1,4-Dichlorobenzene	146	13.821	13.815	(1.003)	8790	0.40395	18(a)

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98632.d
Report Date: 25-Mar-2011 14:47

						CONCENTRATIONS	
	QUANT SIG					ON-COLUMN	FINAL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
106 n-Butylbenzene	91	14.107	14.149	(1.023)	221943	8.90139	410
114 1,2,4-Trichlorobenzene	180	16.411	16.417	(1.191)	248770	21.8501	1000
116 Naphthalene	128	16.865	16.868	(1.223)	240485	10.7632	490
M 121 Xylene (Total)	100				58049	4.09832	190

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98632.d
Report Date: 25-Mar-2011 14:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98632.d
Lab Smp Id: 460-24277-D-12-A Client Smp ID: PMP-13-WT-E (7.5-8.
Inj Date : 24-MAR-2011 18:08
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-D-12-A;50;;6.03;5
Misc Info : 460-24277-D-12-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 17
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.03000	Weight of sample extracted (g)
M	9.47109	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Fluorobenzene	7.887	3077129	50.000
* 78 Chlorobenzene-d5	11.354	3671380	50.000
* 108 1,4-Dichlorobenzene-d4	13.784	4761488	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C8H18 Alkane				CAS #:			
7.612	3640883	59.1603792	2700	0	0		52

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98632.d
Report Date: 25-Mar-2011 14:47

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trimethylcyclohexane isomer					CAS #:		
10.802	2651842	36.1150481	1600	0		0	78
Unknown					CAS #:		
12.196	3970045	54.0674728	2500	0		0	78
C10H20 Cycloalkane					CAS #:		
12.717	4867816	51.1165347	2300	0		0	108
Unknown-1					CAS #:		
12.935	7789748	81.7995059	3700	0		0	108(L)
Unknown-2					CAS #:		
13.581	5339790	56.0727002	2600	0		0	108
Unknown Alkene					CAS #:		
13.941	3284428	34.4895074	1600	0		0	108
Decahydronaphthalene isomer					CAS #:		
14.208	11466219	120.405823	5500	0		0	108
Unknown Cycloalkane					CAS #:		
14.399	3658152	38.4139506	1800	0		0	108
Ethyldimethylbenzene isomer					CAS #:		
14.554	3742469	39.2993603	1800	0		0	108
C11H16 Aromatic					CAS #:		
14.800	11971958	125.716543	5800	0		0	108
Decahydromethylnaphthalene isomer					CAS #:		
14.976	11954569	125.533948	5700	0		0	108
Decahydromethylnaphthalene isomer-1					CAS #:		
15.260	18923366	198.712709	9100	0		0	108
Unknown Aromatic					CAS #:		
15.730	6260346	65.7393733	3000	0		0	108
Unknown Aromatic-1					CAS #:		
15.897	3969445	41.6828141	1900	0		0	108
C11H16 Aromatic-1					CAS #:		
16.255	3725450	39.1206484	1800	0		0	108

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98632.d
Report Date: 25-Mar-2011 14:47

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Naphthalene, 2-methyl-					CAS #: 91-57-6		
19.138	3982310	41.8179049	1900	96	NIST02.l	18501	108

QC Flag Legend

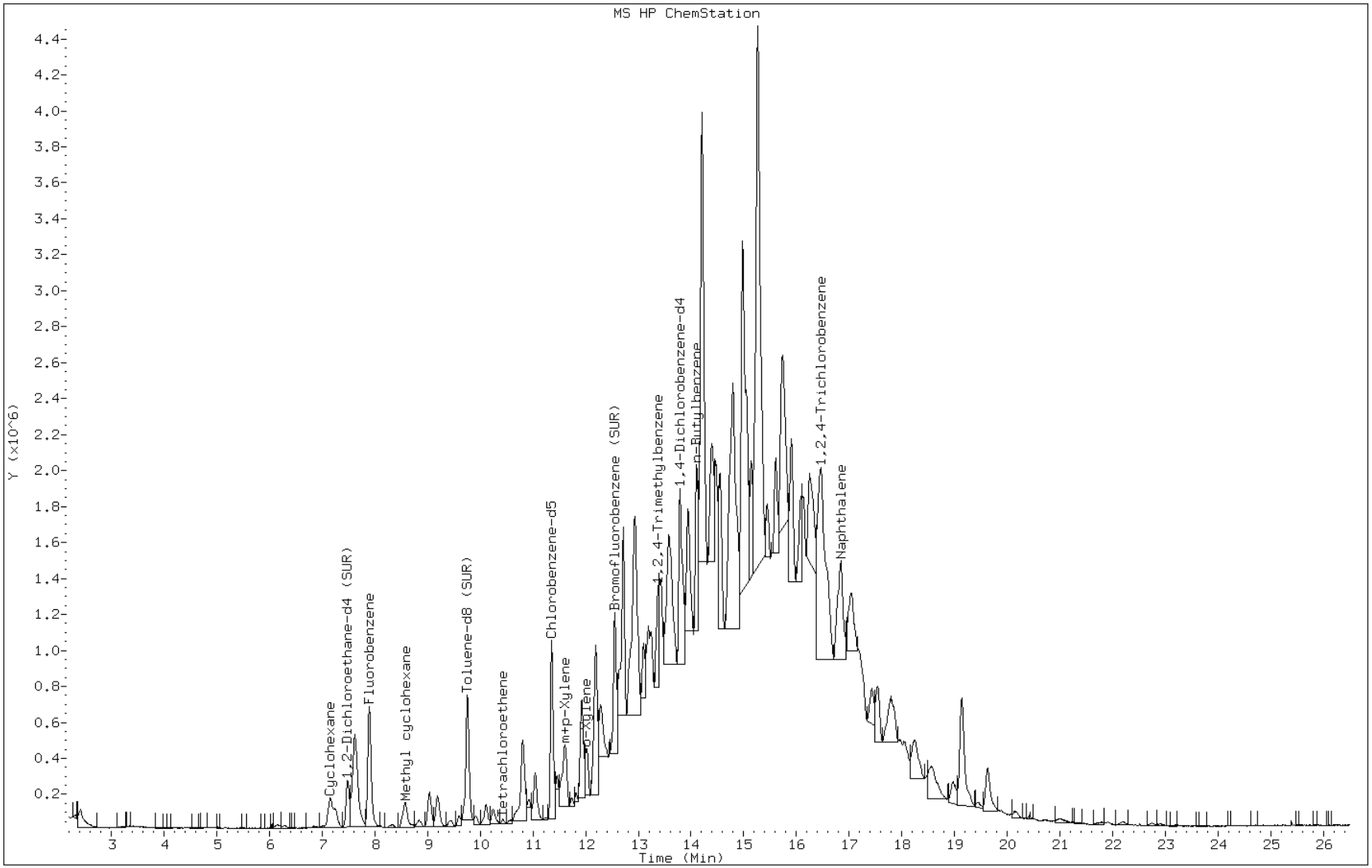
L - Operator selected an alternate library search match.

Data File: j98632.d

Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:



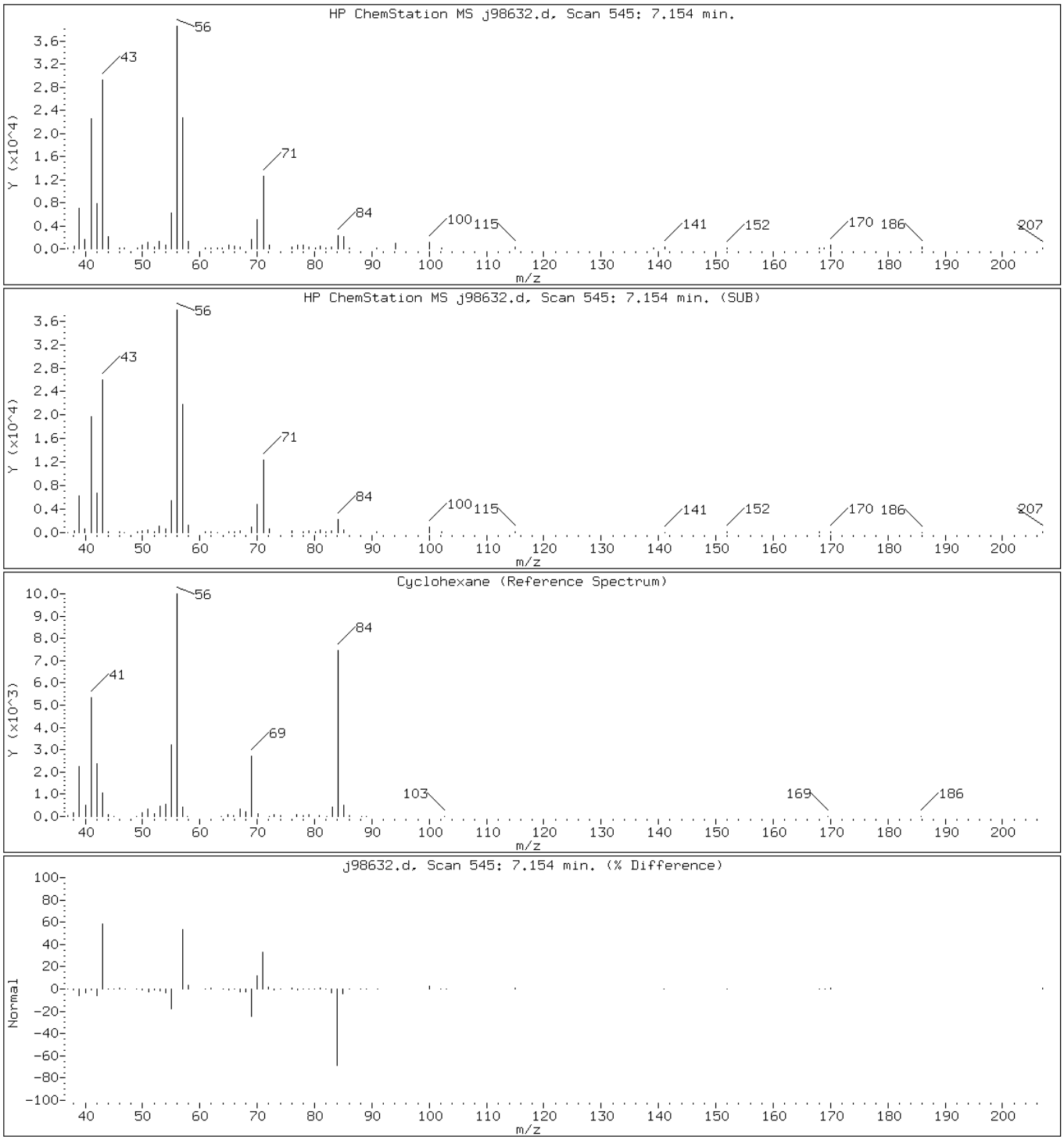
Data File: j98632.d

Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

44 Cyclohexane



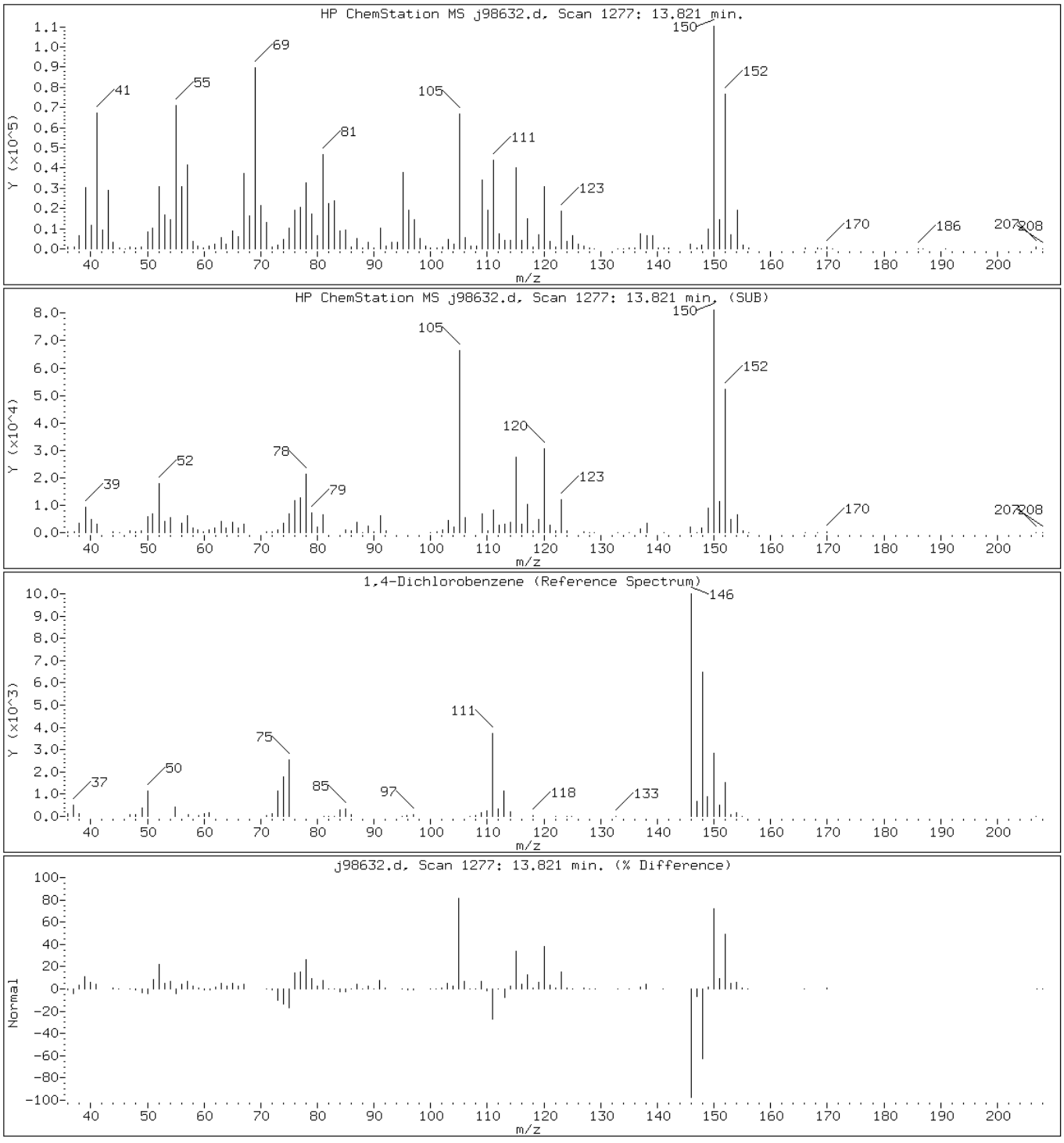
Data File: j98632.d

Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

109 1,4-Dichlorobenzene



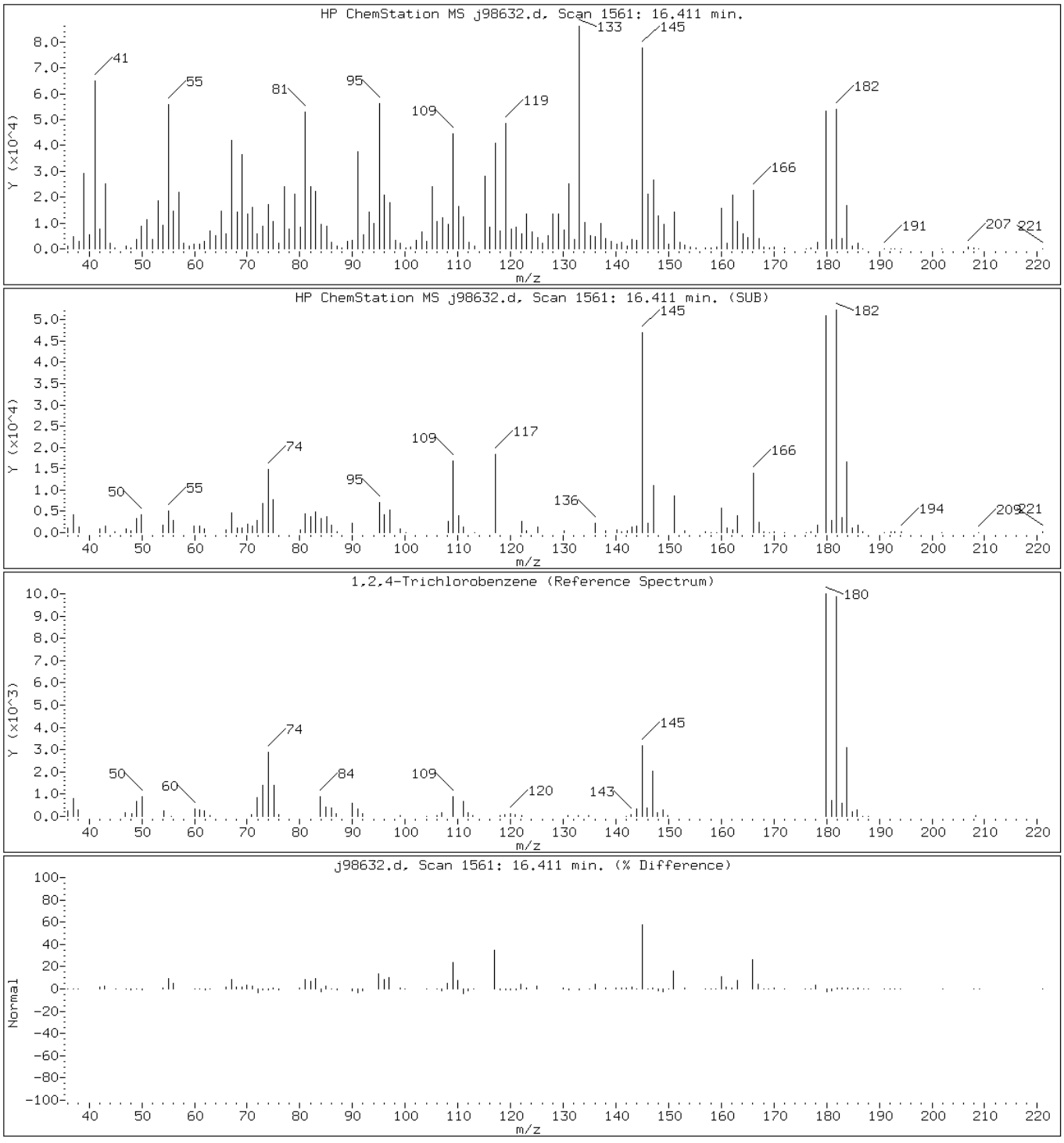
Data File: j98632.d

Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

114 1,2,4-Trichlorobenzene



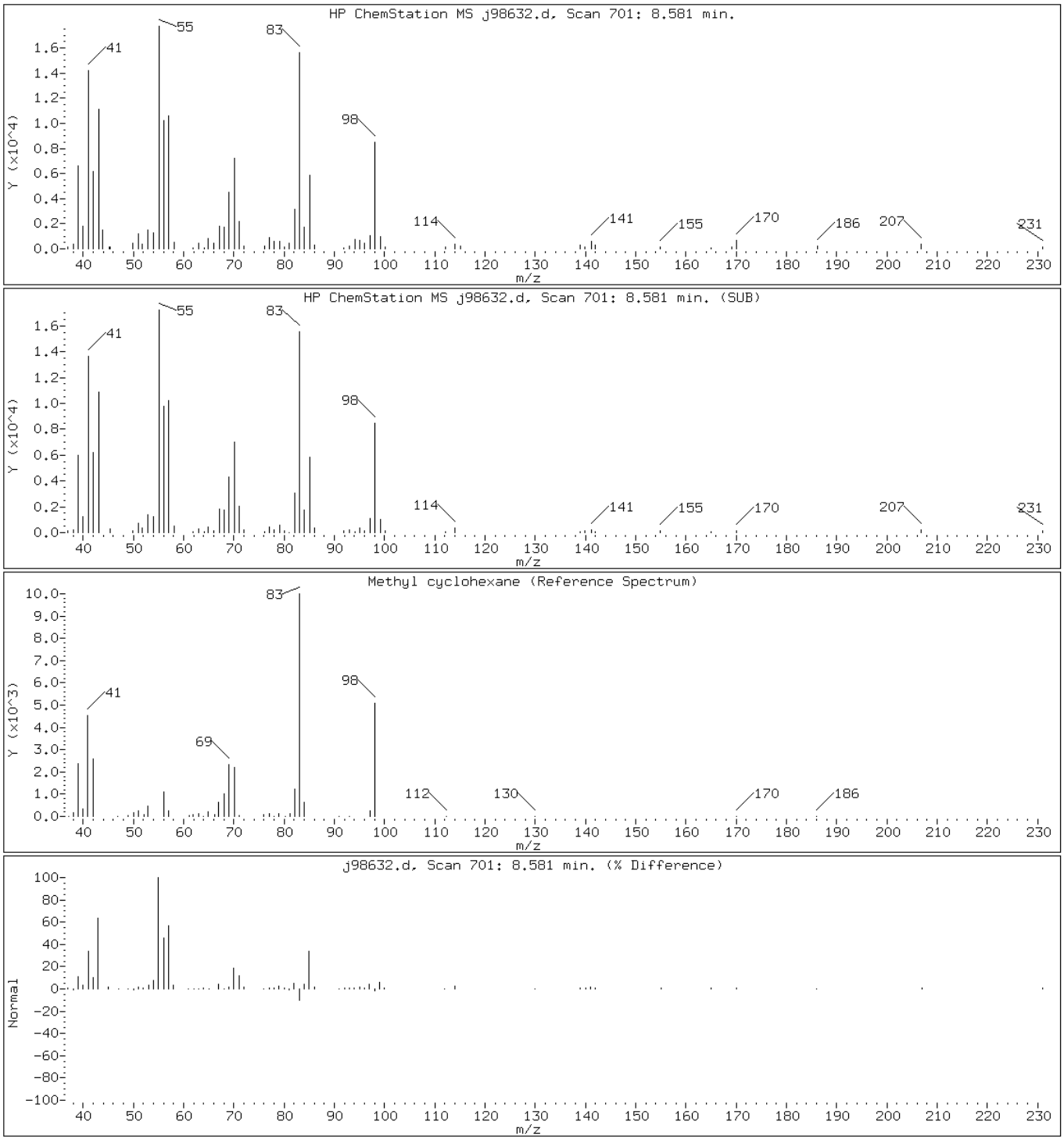
Data File: j98632.d

Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

56 Methyl cyclohexane



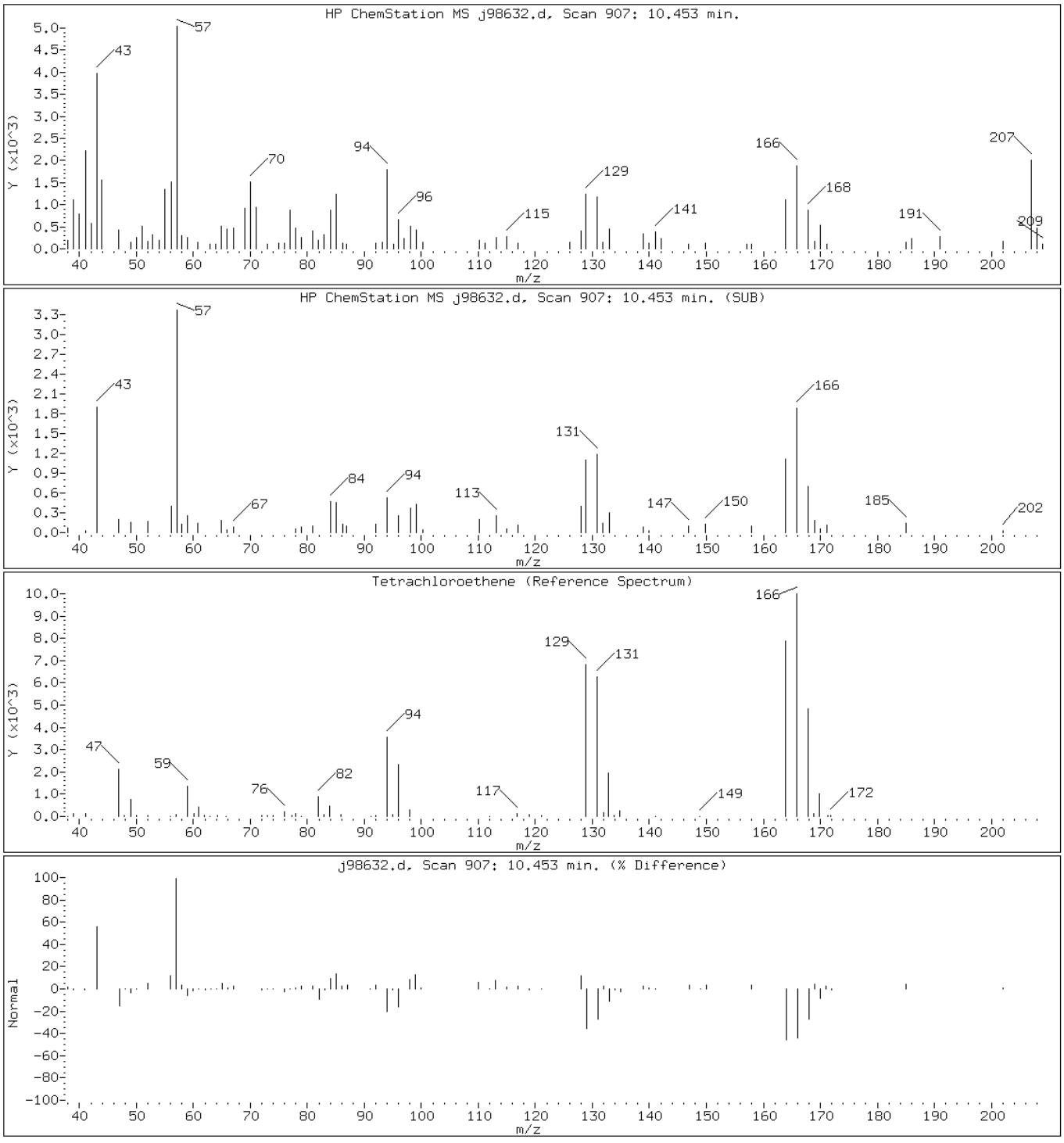
Data File: j98632.d

Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

71 Tetrachloroethene



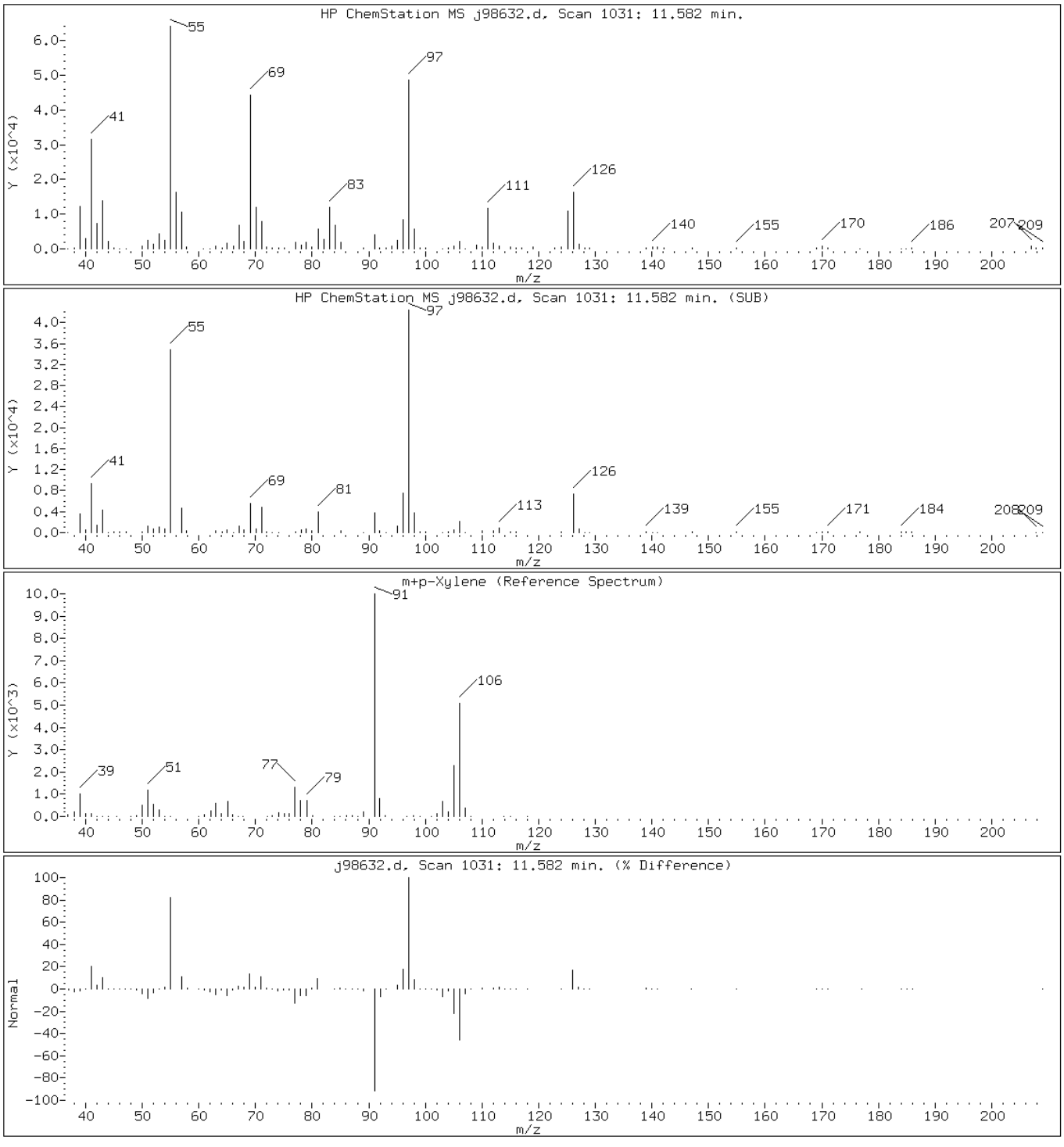
Data File: j98632.d

Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

82 m+p-Xylene



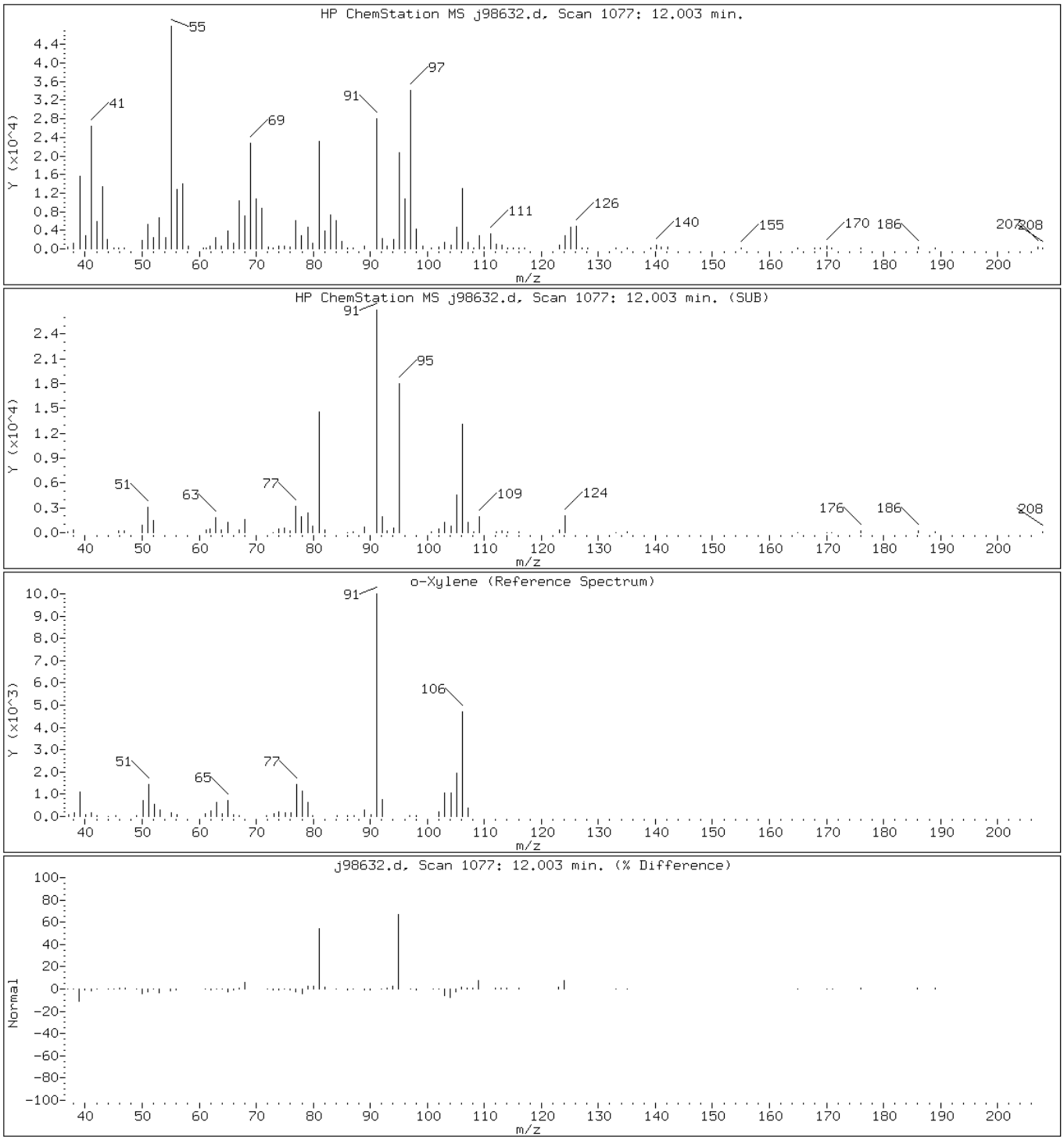
Data File: j98632.d

Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

84 o-Xylene



Data File: j98632.d

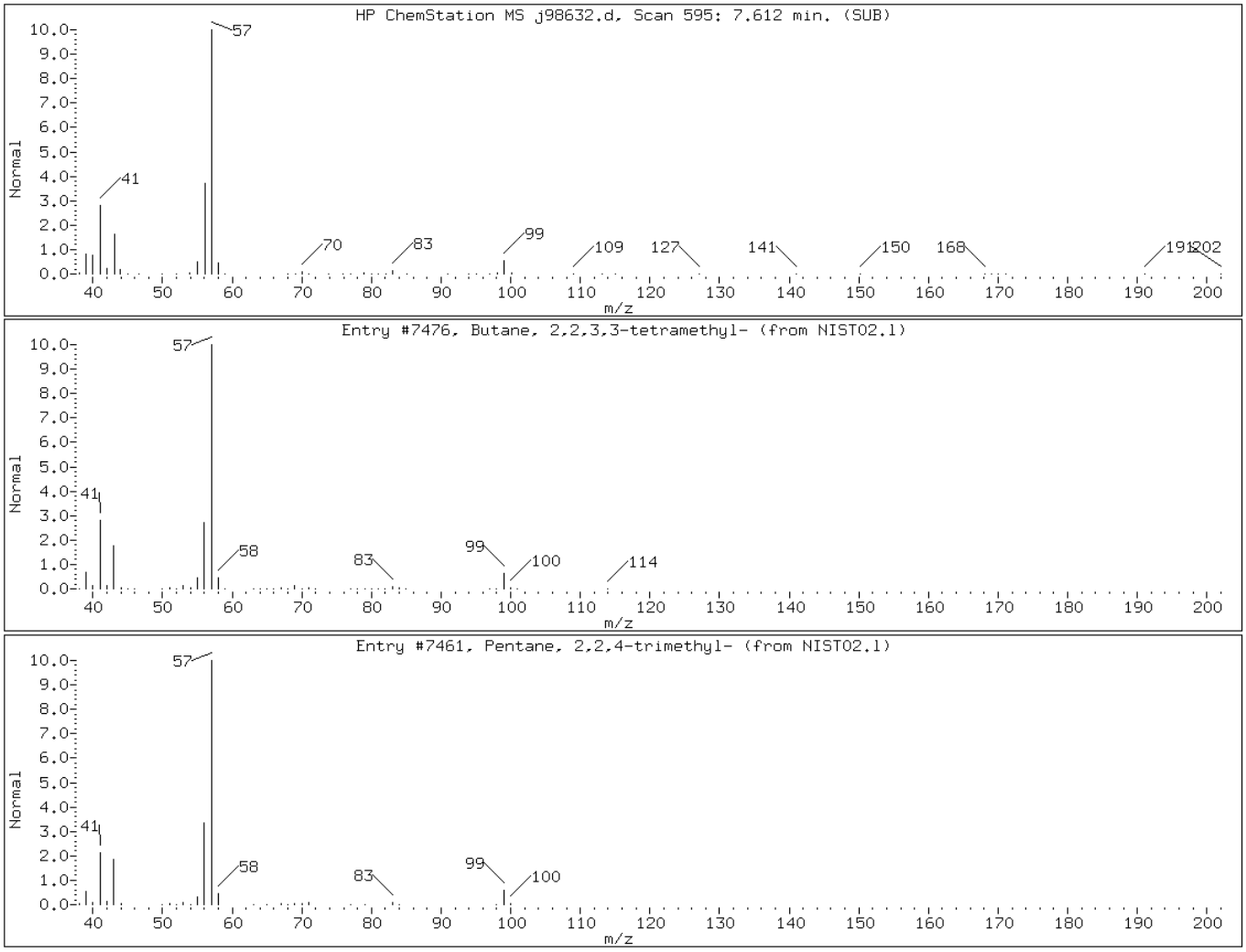
Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

Retention Time: 7.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C8H18 Alkane						
Butane, 2,2,3,3-tetramethyl-	594-82-1	NIST02.l	7476	72	C8H18	114
Pentane, 2,2,4-trimethyl-	540-84-1	NIST02.l	7461	72	C8H18	114



Data File: j98632.d

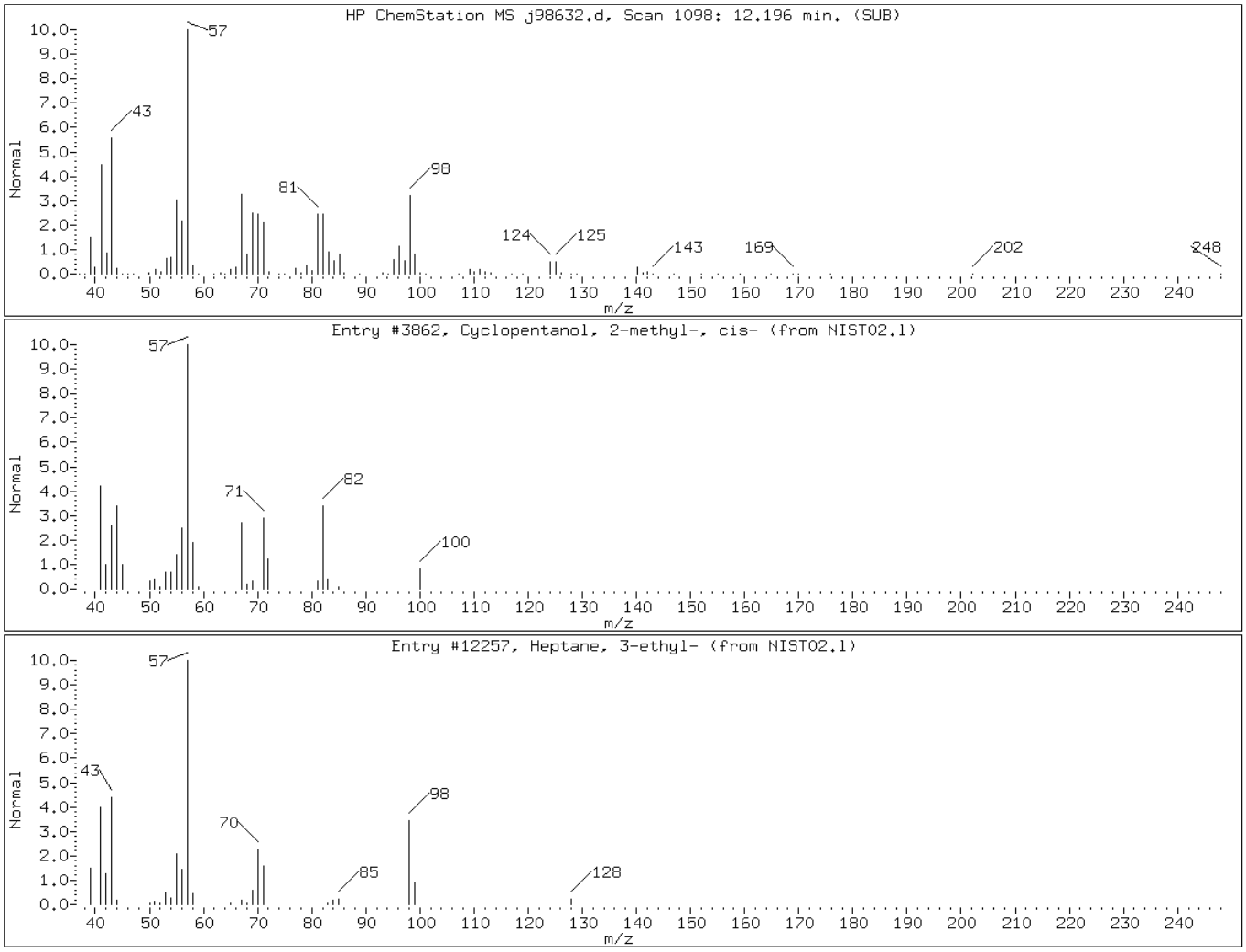
Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

Retention Time: 12.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopentanol, 2-methyl-, cis-	25144-05-2	NIST02.l	3862	47	C6H12O	100
Heptane, 3-ethyl-	15869-80-4	NIST02.l	12257	43	C9H20	128



Data File: j98632.d

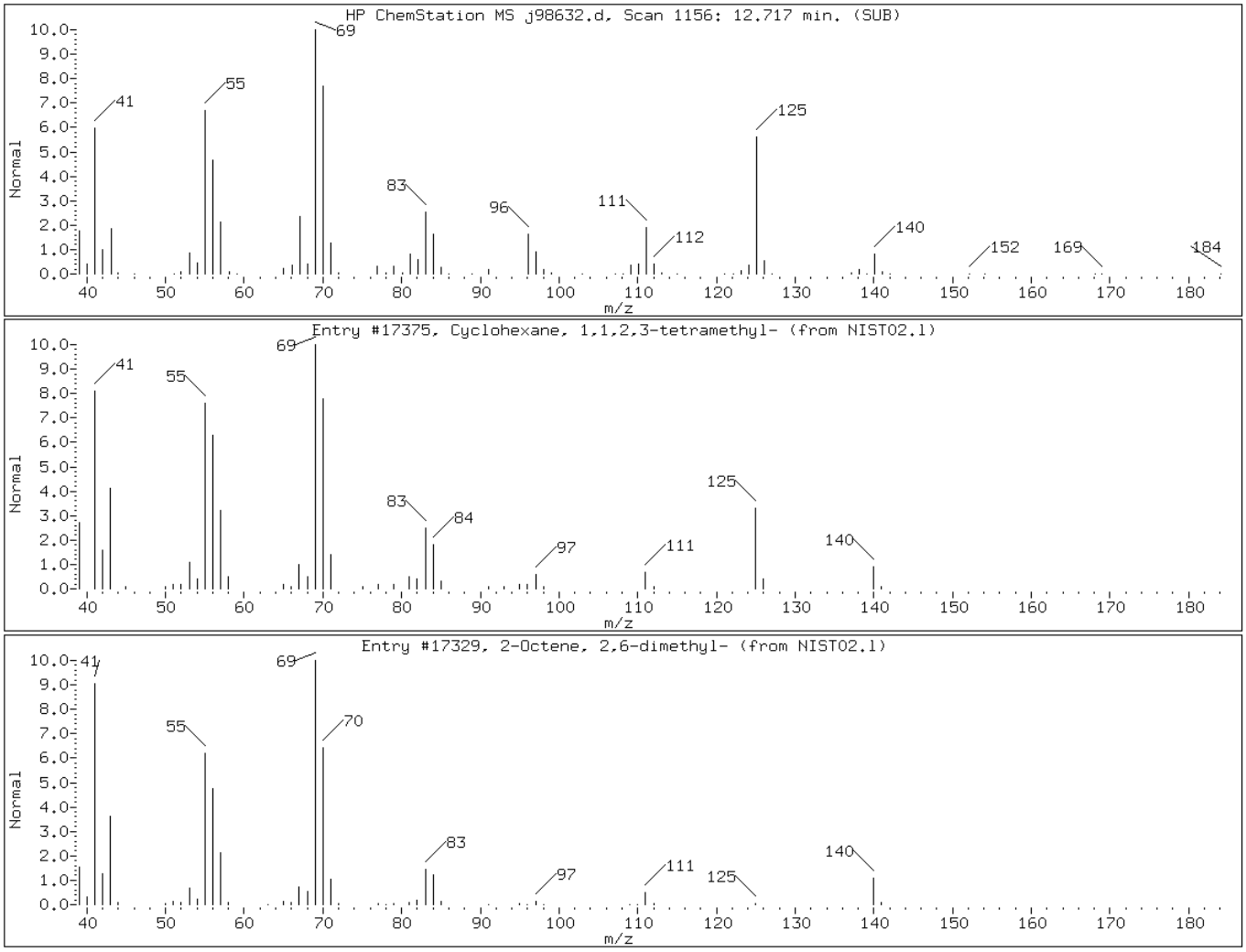
Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

Retention Time: 12.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H20 Cycloalkane						
Cyclohexane, 1,1,2,3-tetramethyl-	6783-92-2	NIST02.l	17375	93	C10H20	140
2-Octene, 2,6-dimethyl-	4057-42-5	NIST02.l	17329	58	C10H20	140



Data File: j98632.d

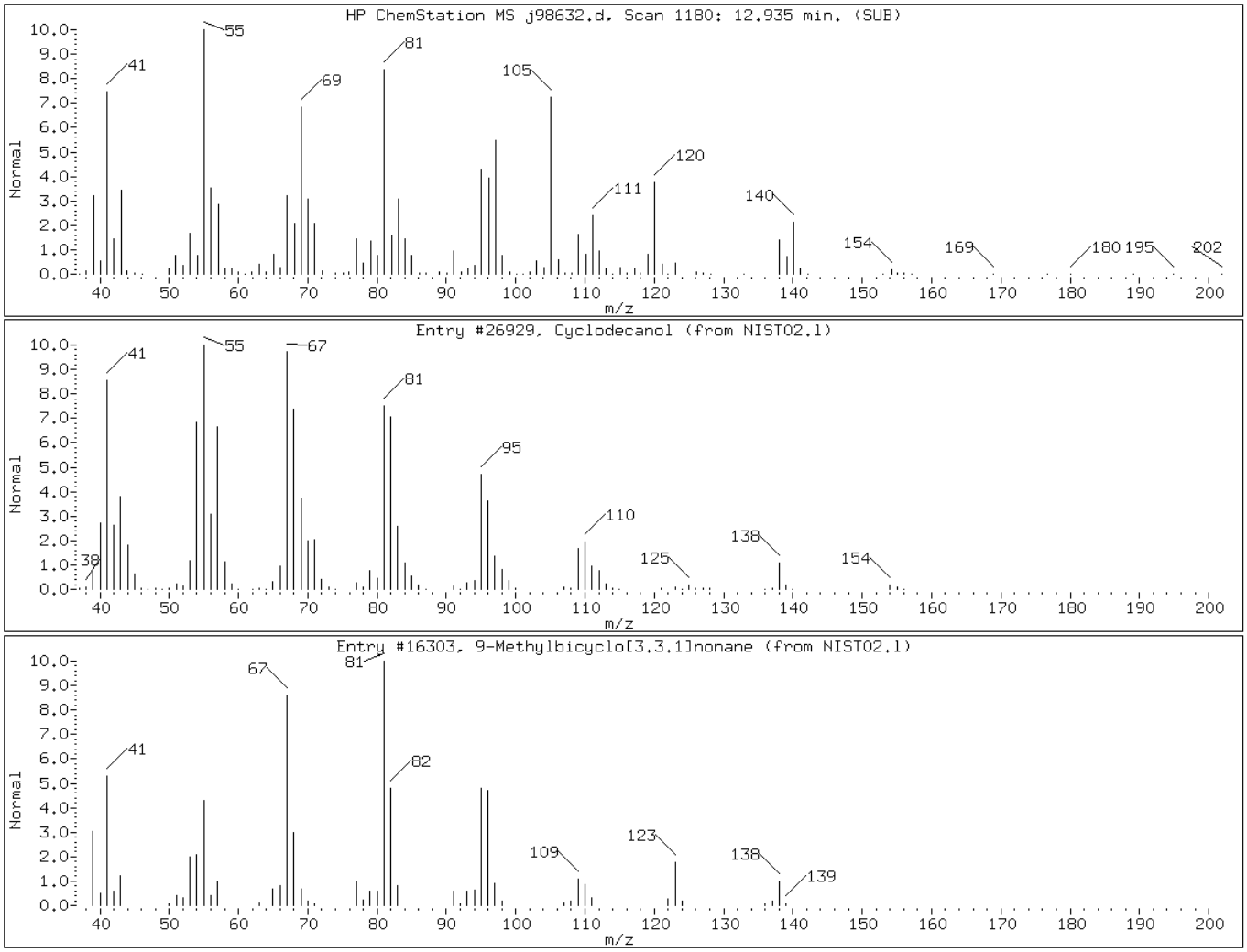
Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

Retention Time: 12.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Cyclodecanol	1502-05-2	NIST02.l	26929	58	C10H20O	156
9-Methylbicyclo[3.3.1]nonane	25107-01-1	NIST02.l	16303	49	C10H18	138



Data File: j98632.d

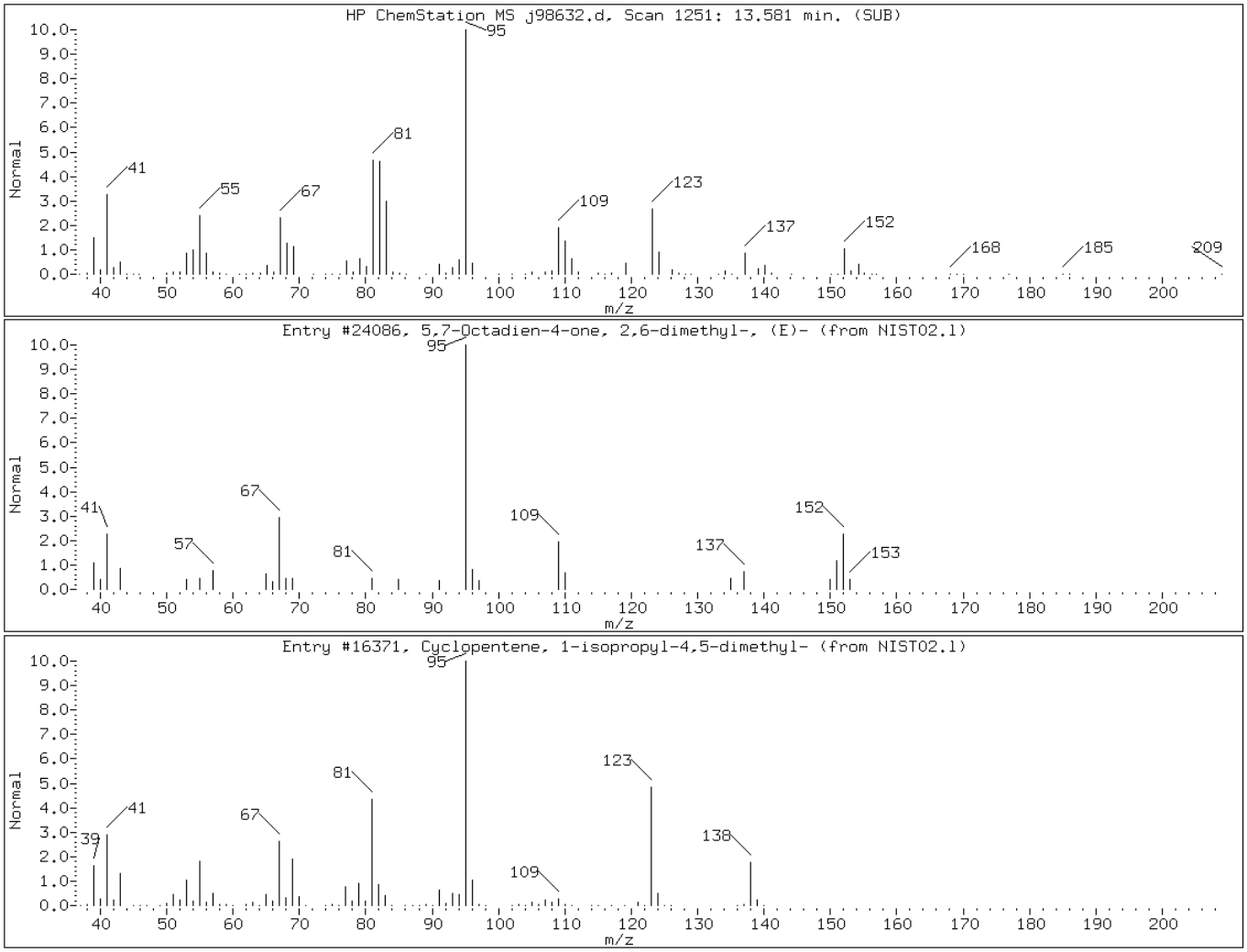
Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

Retention Time: 13.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
5,7-Octadien-4-one, 2,6-dimethyl-,	6752-80-3	NIST02.l	24086	47	C10H16O	152
Cyclopentene, 1-isopropyl-4,5-dime	7712-74-5	NIST02.l	16371	43	C10H18	138



Data File: j98632.d

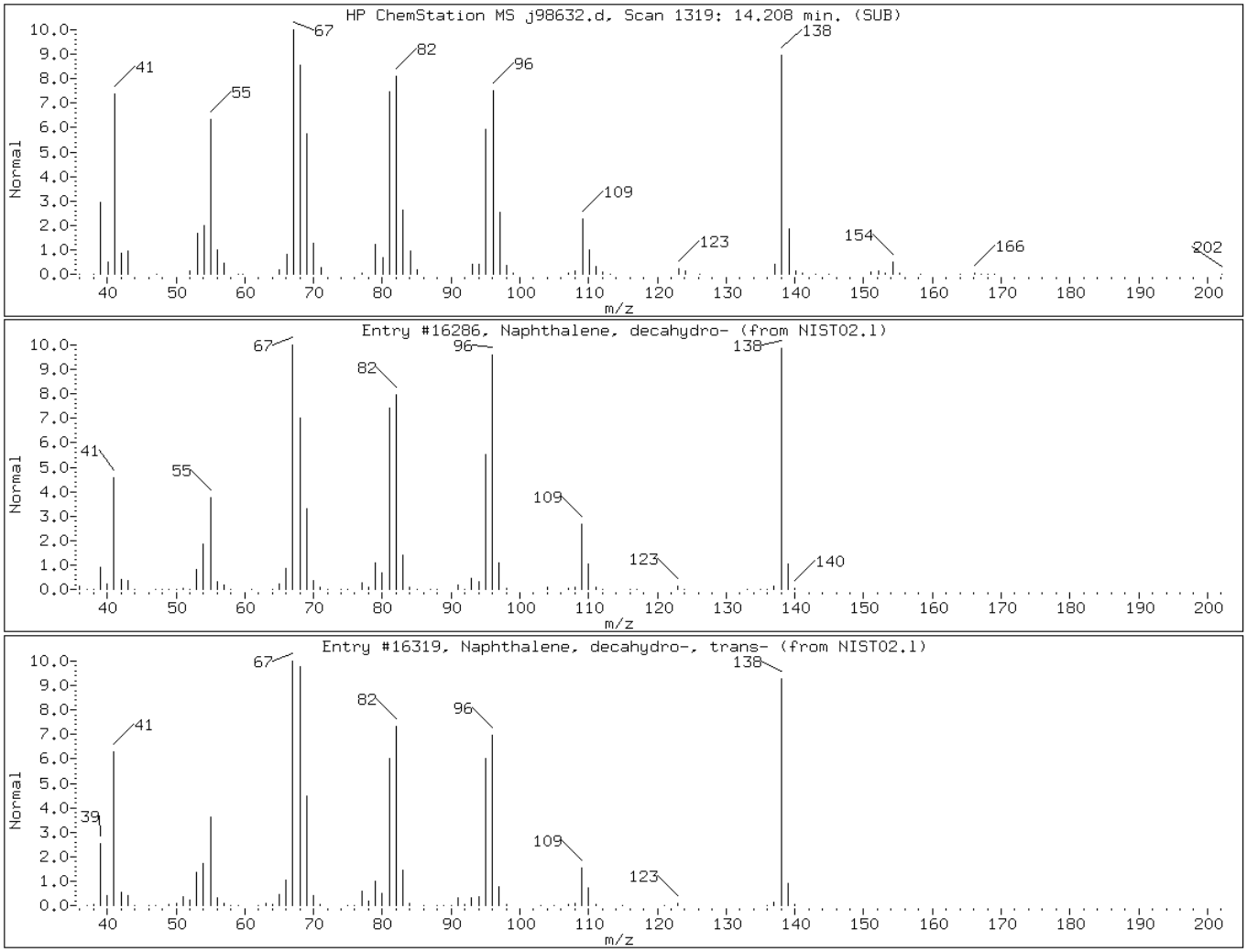
Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

Retention Time: 14.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-	91-17-8	NIST02.l	16286	96	C10H18	138
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	94	C10H18	138



Data File: j98632.d

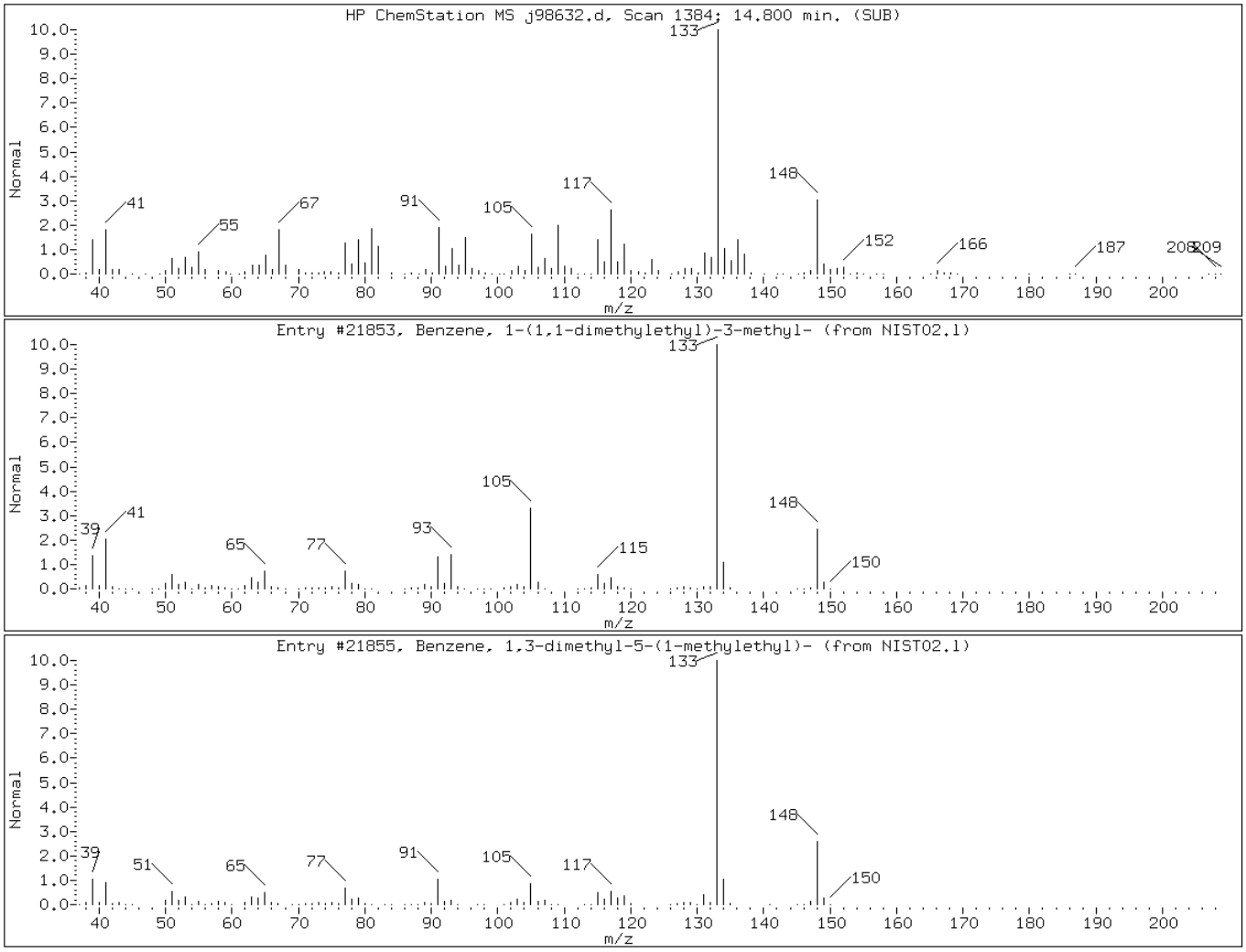
Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

Retention Time: 14.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic						
Benzene, 1-(1,1-dimethylethyl)-3-m	1075-38-3	NIST02.l	21853	60	C11H16	148
Benzene, 1,3-dimethyl-5-(1-methyle	4706-90-5	NIST02.l	21855	58	C11H16	148



Data File: j98632.d

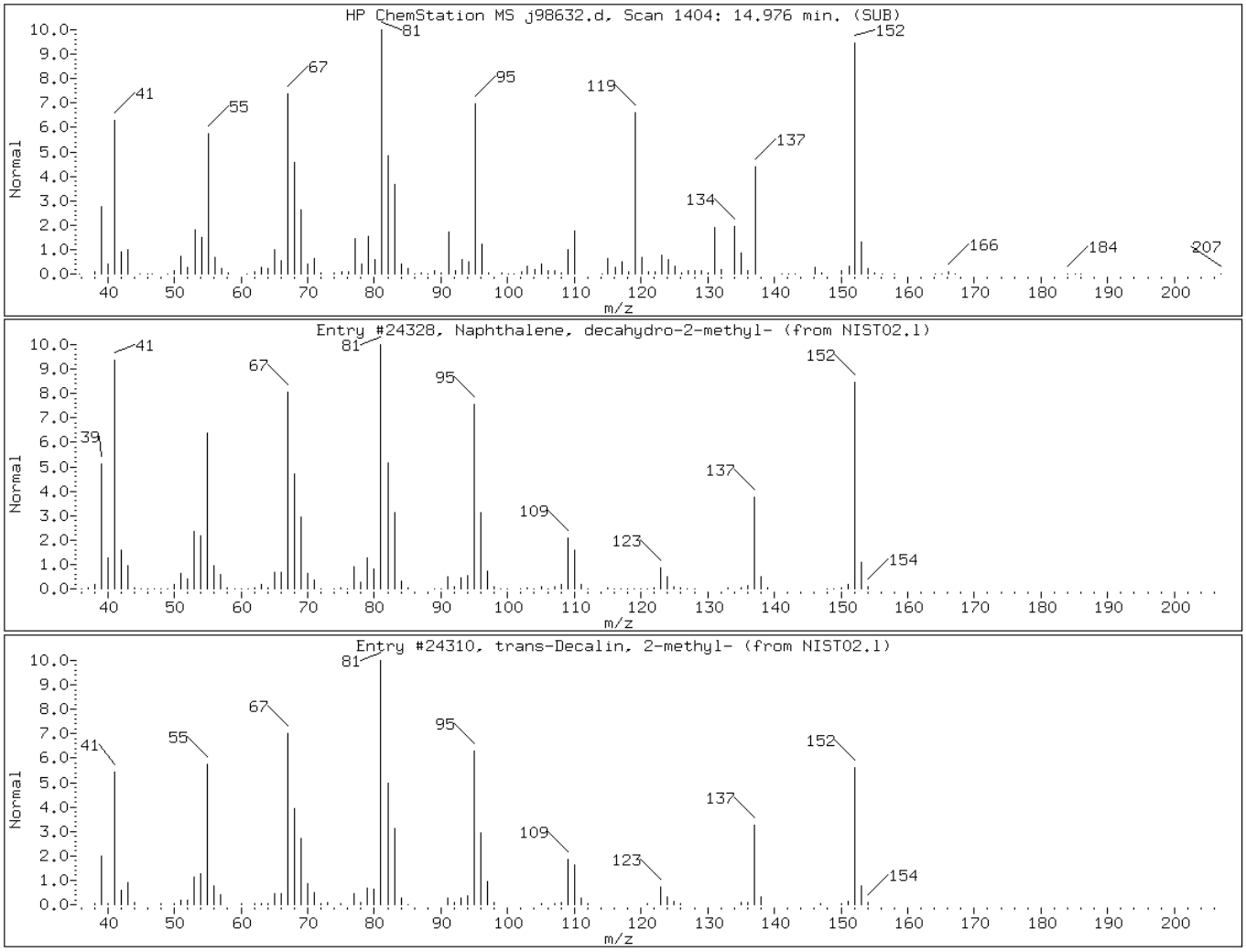
Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

Retention Time: 14.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	90	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	90	C11H20	152



Data File: j98632.d

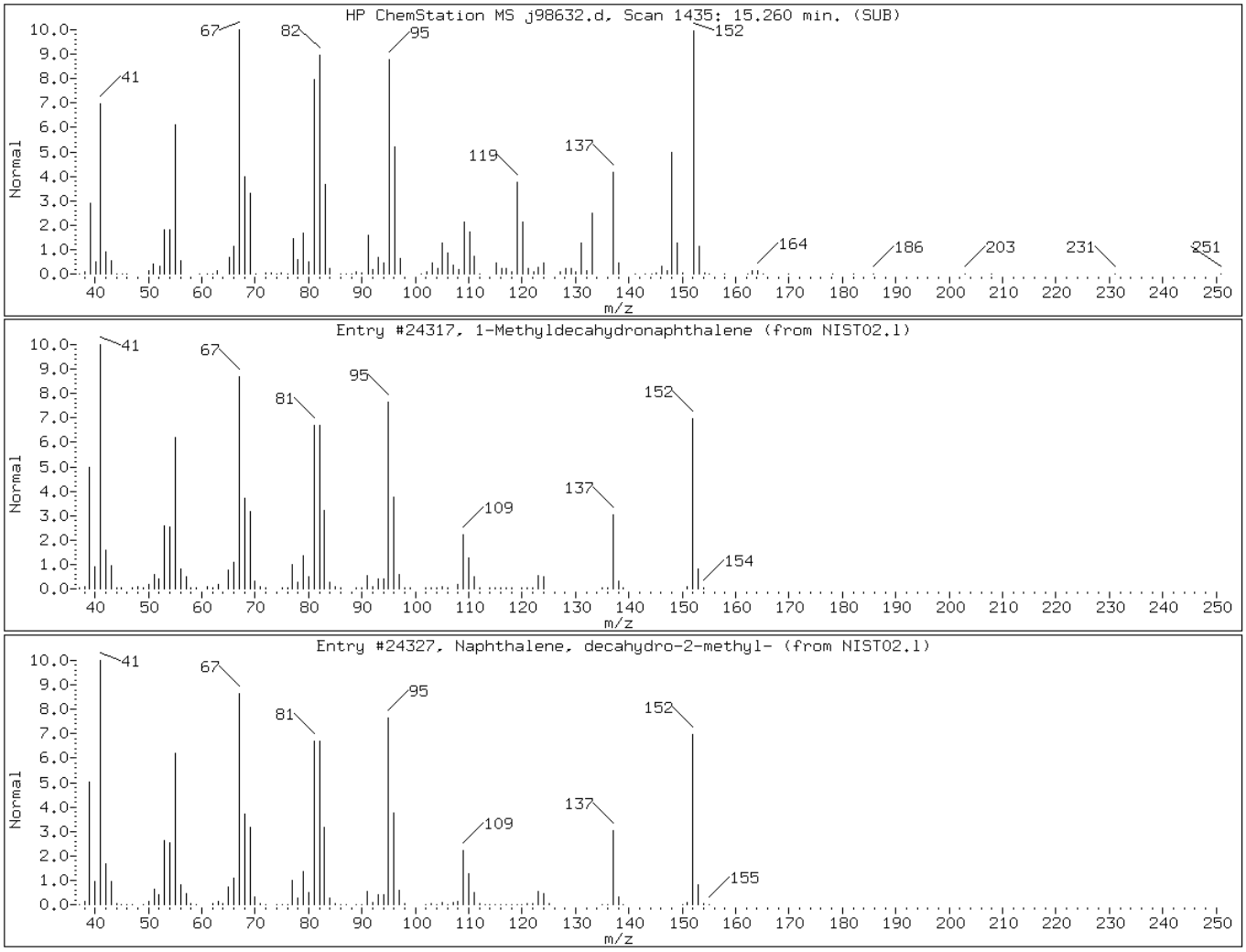
Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

Retention Time: 15.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	90	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	86	C11H20	152



Data File: j98632.d

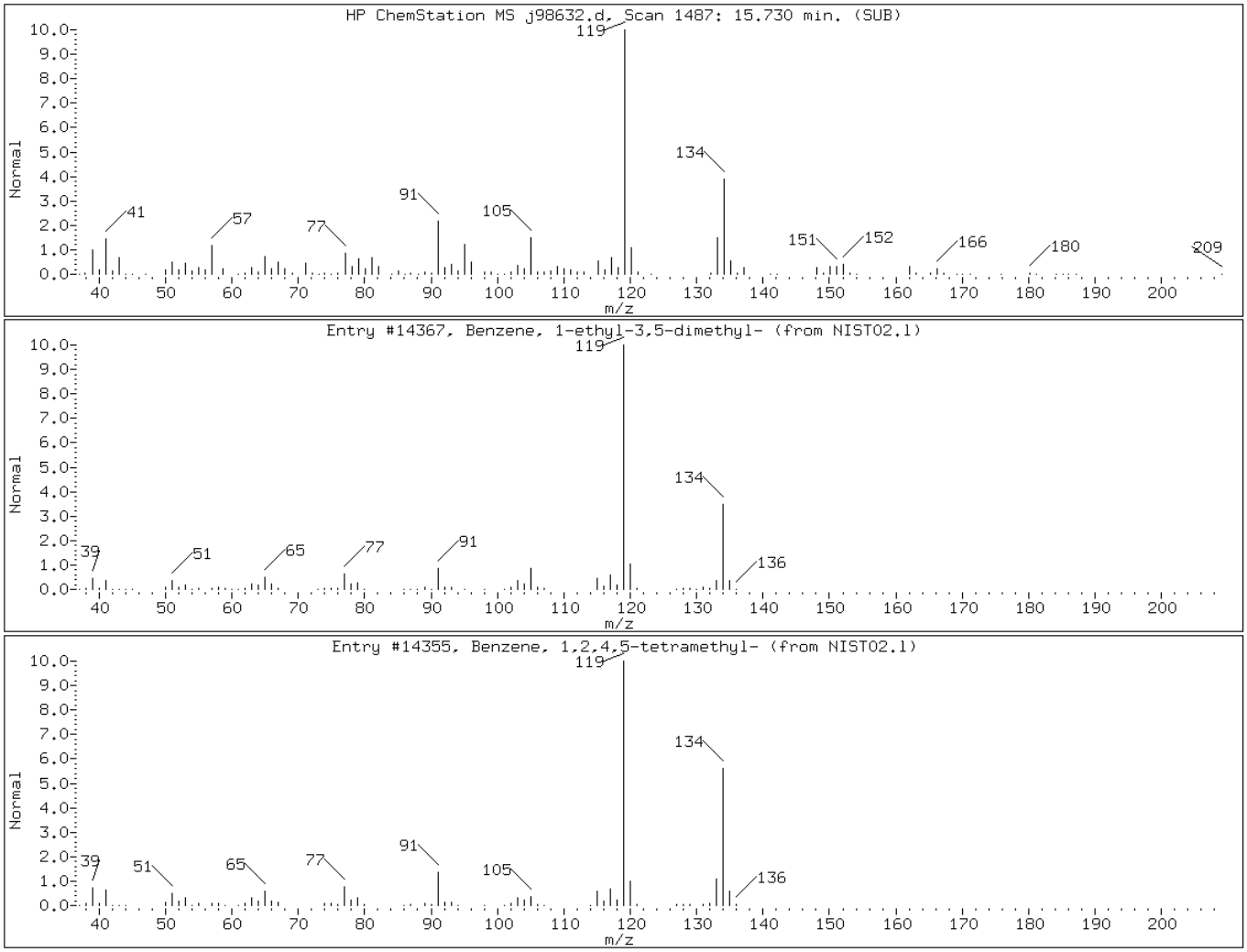
Date: 24-MAR-2011 18:08

Client ID: PMP-13-WT-E (7.5-8. Instrument: VOAMS8.i

Sample Info: 460-24277-D-12-A;50;;6.03;5 Operator:

Retention Time: 15.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	93	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	93	C10H14	134



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SI-E (15.5-16) | Lab Sample ID: 460-24277-13

Matrix: Solid | Lab File ID: o46665.d

Analysis Method: 8260B | Date Collected: 03/17/2011 16:10

Sample wt/vol: 7.21(g) | Date Analyzed: 03/26/2011 05:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 | Level: (low/med) Low

Analysis Batch No.: 68548 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.78	U H	0.78	0.49
74-83-9	Bromomethane	0.78	U H	0.78	0.32
75-01-4	Vinyl chloride	0.78	U H	0.78	0.18
75-00-3	Chloroethane	0.78	U H	0.78	0.31
75-09-2	Methylene Chloride	0.78	U H	0.78	0.37
67-64-1	Acetone	16	H B	7.8	2.9
75-15-0	Carbon disulfide	0.78	U H	0.78	0.36
75-69-4	Trichlorofluoromethane	0.78	U H	0.78	0.20
75-35-4	1,1-Dichloroethene	0.78	U H	0.78	0.29
75-34-3	1,1-Dichloroethane	0.78	U H	0.78	0.20
156-60-5	trans-1,2-Dichloroethene	0.78	U H	0.78	0.22
156-59-2	cis-1,2-Dichloroethene	0.87	H	0.78	0.18
67-66-3	Chloroform	0.78	U H	0.78	0.18
78-93-3	2-Butanone	7.8	U H	7.8	0.44
107-06-2	1,2-Dichloroethane	0.78	U H	0.78	0.30
71-55-6	1,1,1-Trichloroethane	0.78	U H	0.78	0.15
56-23-5	Carbon tetrachloride	0.78	U H	0.78	0.078
71-43-2	Benzene	0.78	U H	0.78	0.57
75-25-2	Bromoform	0.78	U H	0.78	0.54
100-42-5	Styrene	0.78	U H	0.78	0.27
100-41-4	Ethylbenzene	0.78	U H	0.78	0.15
108-90-7	Chlorobenzene	0.78	U H	0.78	0.37
110-82-7	Cyclohexane	0.78	U H	0.78	0.17
98-82-8	Isopropylbenzene	0.78	U H	0.78	0.20
591-78-6	2-Hexanone	7.8	U H	7.8	1.3
1634-04-4	MTBE	0.78	U H	0.78	0.27
76-13-1	Freon TF	0.78	U H	0.78	0.37
79-20-9	Methyl acetate	0.78	U H	0.78	0.69
123-91-1	1,4-Dioxane	39	U H	39	3.2
79-01-6	Trichloroethene	1.5	H	0.78	0.28
108-88-3	Toluene	0.78	U H	0.78	0.23
10061-02-6	trans-1,3-Dichloropropene	0.78	U H	0.78	0.17
108-10-1	4-Methyl-2-pentanone	7.8	U H	7.8	0.55
10061-01-5	cis-1,3-Dichloropropene	0.78	U H	0.78	0.16
95-50-1	1,2-Dichlorobenzene	0.78	U H	0.78	0.49
541-73-1	1,3-Dichlorobenzene	0.78	U H	0.78	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SI-E (15.5-16) | Lab Sample ID: 460-24277-13

Matrix: Solid | Lab File ID: o46665.d

Analysis Method: 8260B | Date Collected: 03/17/2011 16:10

Sample wt/vol: 7.21(g) | Date Analyzed: 03/26/2011 05:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 | Level: (low/med) Low

Analysis Batch No.: 68548 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.78	U H	0.78	0.55
120-82-1	1,2,4-Trichlorobenzene	1.3	H	0.78	0.41
87-61-6	1,2,3-Trichlorobenzene	0.78	U H	0.78	0.50
78-87-5	1,2-Dichloropropane	0.78	U H	0.78	0.25
108-87-2	Methylcyclohexane	0.78	U H	0.78	0.21
127-18-4	Tetrachloroethene	0.78	U H	0.78	0.26
1330-20-7	Xylenes, Total	2.3	U H	2.3	0.61
96-12-8	1,2-Dibromo-3-Chloropropane	0.78	U H	0.78	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.78	U H	0.78	0.59
79-00-5	1,1,2-Trichloroethane	0.78	U H	0.78	0.46
124-48-1	Dibromochloromethane	0.78	U H	0.78	0.43
106-93-4	1,2-Dibromoethane	0.78	U H	0.78	0.40
75-71-8	Dichlorodifluoromethane	0.78	U H	0.78	0.32
74-97-5	Bromochloromethane	0.78	U H	0.78	0.21
75-27-4	Bromodichloromethane	0.78	U H	0.78	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-138
2037-26-5	Toluene-d8 (Surr)	91		66-126
460-00-4	Bromofluorobenzene	94		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SI-E (15.5-16) Lab Sample ID: 460-24277-13

Matrix: Solid Lab File ID: o46665.d

Analysis Method: 8260B Date Collected: 03/17/2011 16:10

Sample wt/vol: 7.21(g) Date Analyzed: 03/26/2011 05:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 Level: (low/med) Low

Analysis Batch No.: 68548 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	H

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46665.d
Report Date: 28-Mar-2011 11:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46665.d
Lab Smp Id: 460-24277-D-13-A Client Smp ID: PMP-13-SI-E (15.5-1
Inj Date : 26-MAR-2011 05:43
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-13-A;;;7.21;5
Misc Info : 460-24277-D-13-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/8260L_10.m
Meth Date : 25-Mar-2011 20:15 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	7.21000	Weight of sample extracted (g)
M	10.56911	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				7312	1.12662	0.87(a)
	7 Acetone	43	1.807	1.813	(0.447)	16989	20.2415	16
	13 cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	7312	1.12662	0.87
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.721	(0.920)	172166	47.7838	37
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	979899	50.0000	
	25 Trichloroethene	95	4.410	4.410	(1.092)	11855	1.91371	1.5(H)
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	719530	45.4960	35
*	32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	686680	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	269604	46.7562	36
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.475	(1.000)	387293	50.0000	
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	20087	1.74065	1.3

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46665.d
Report Date: 28-Mar-2011 11:26

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46665.d
Report Date: 28-Mar-2011 11:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46665.d
Lab Smp Id: 460-24277-D-13-A Client Smp ID: PMP-13-SI-E (15.5-1
Inj Date : 26-MAR-2011 05:43
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-13-A;;;7.21;5
Misc Info : 460-24277-D-13-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/8260L_10.m
Meth Date : 25-Mar-2011 20:15 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

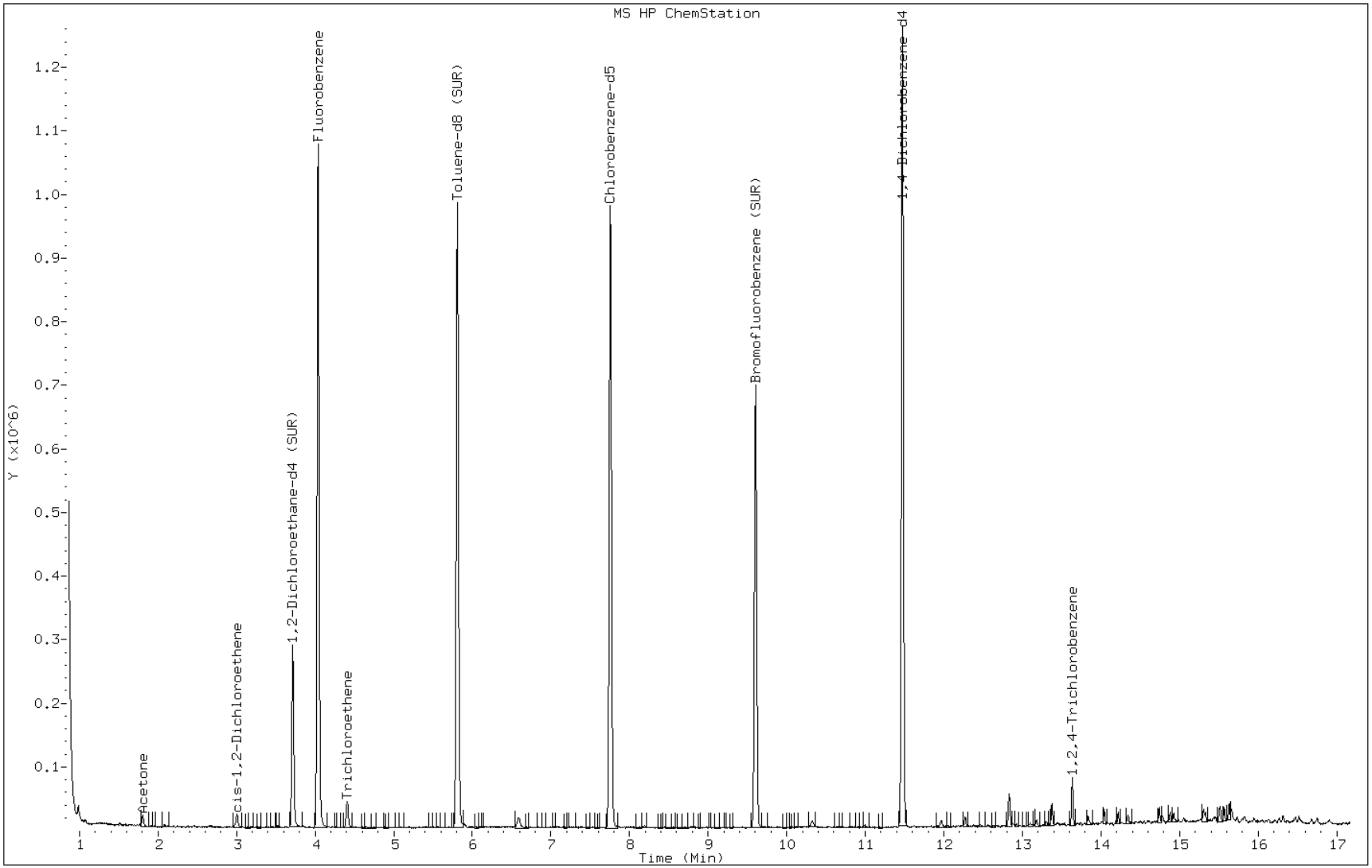
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46665.d

Date: 26-MAR-2011 05:43

Client ID: PMP-13-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-13-A;;;7.21;5 Operator: VOAMS 9



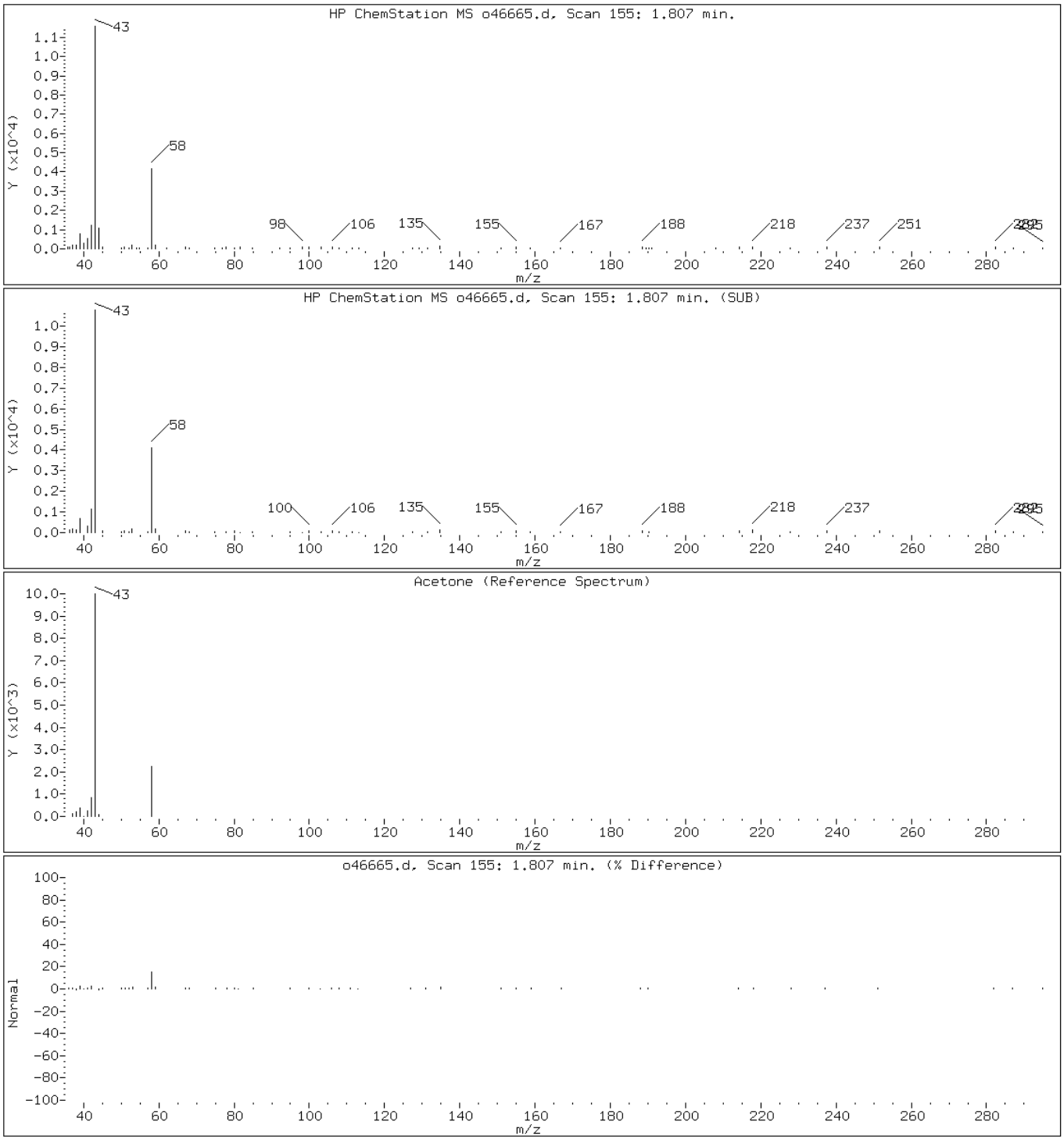
Data File: o46665.d

Date: 26-MAR-2011 05:43

Client ID: PMP-13-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-13-A;;;7.21;5 Operator: VOAMS 9

7 Acetone



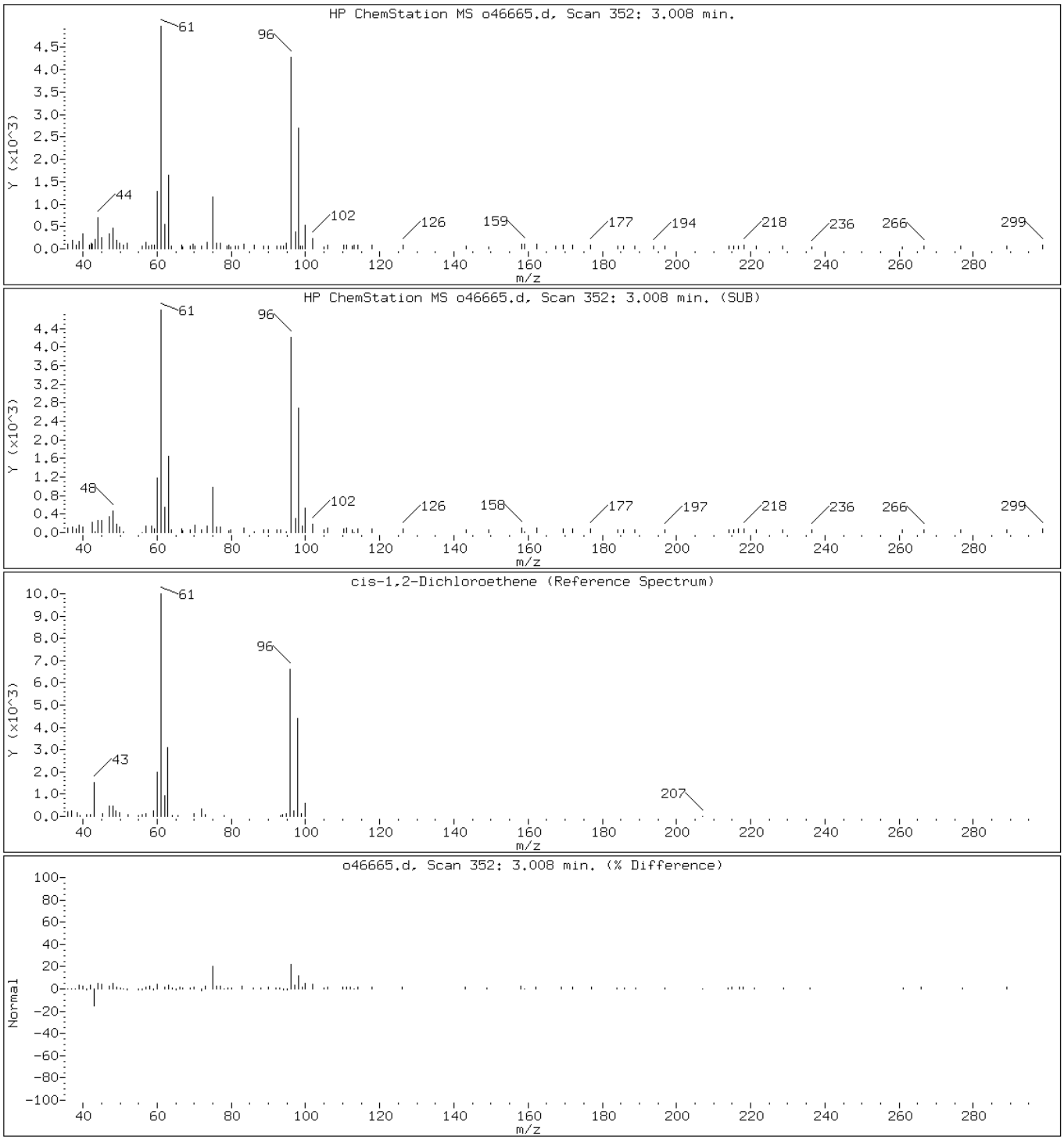
Data File: o46665.d

Date: 26-MAR-2011 05:43

Client ID: PMP-13-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-13-A;;;7.21;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



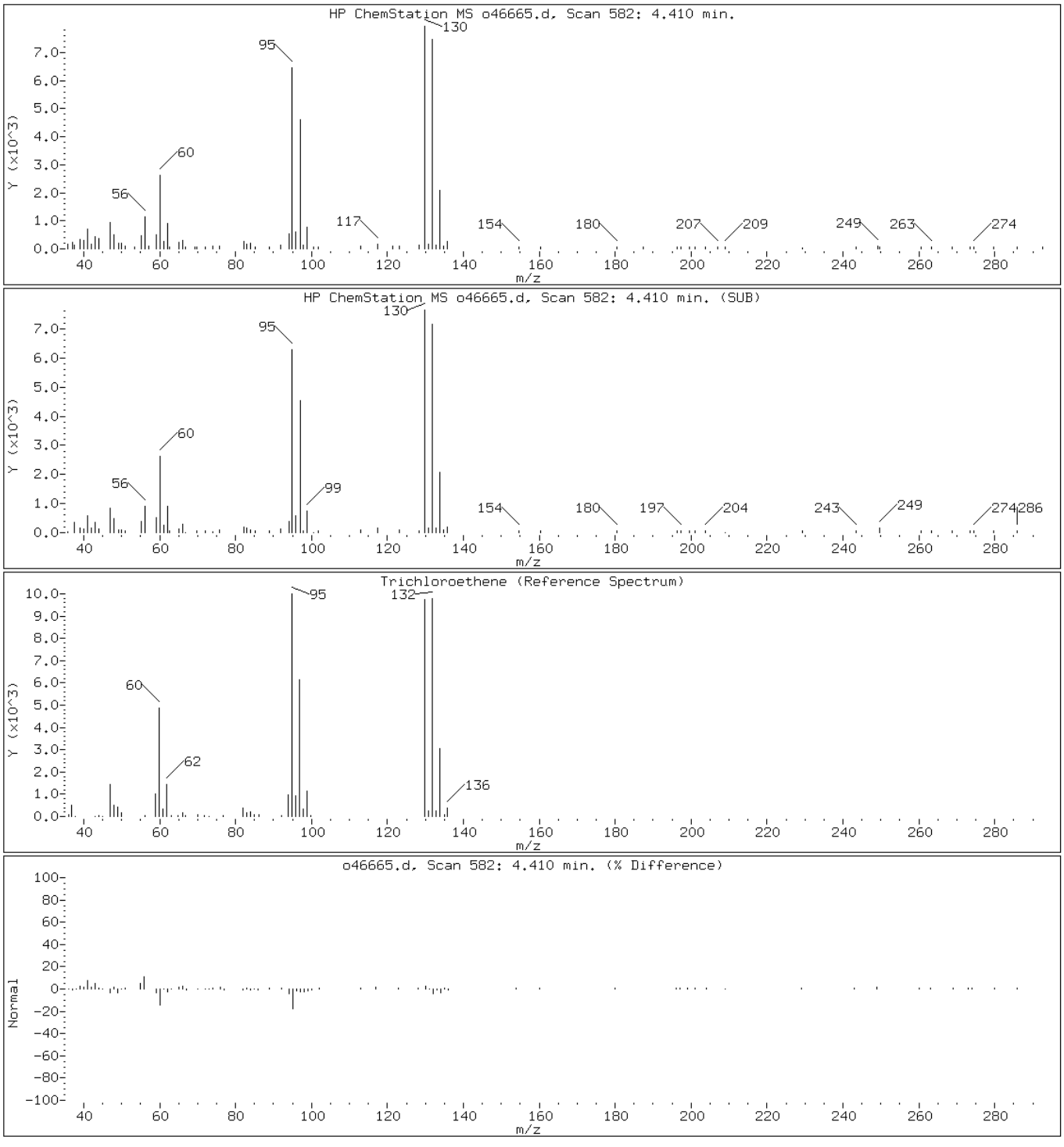
Data File: o46665.d

Date: 26-MAR-2011 05:43

Client ID: PMP-13-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-13-A;;;7.21;5 Operator: VOAMS 9

25 Trichloroethene



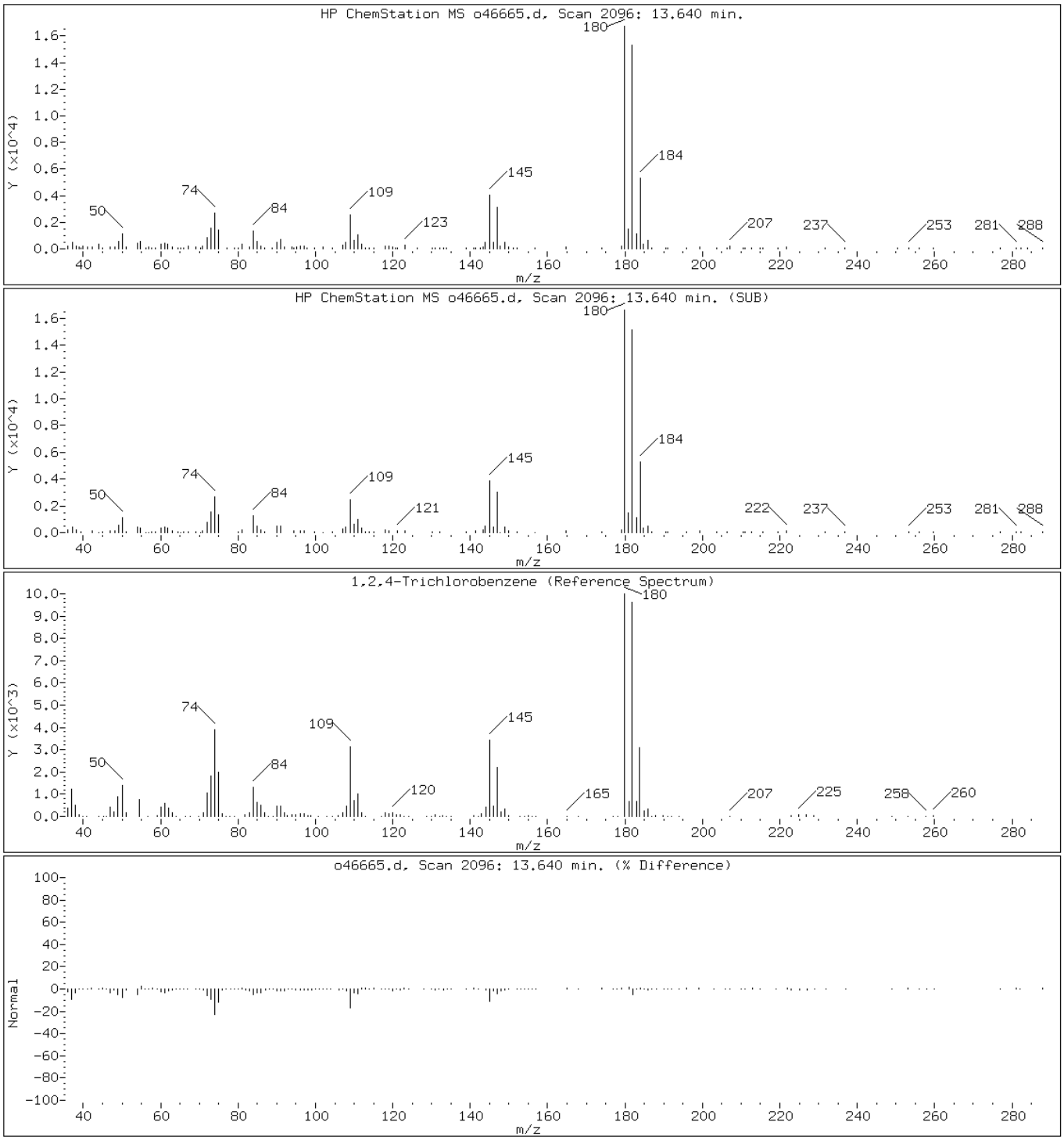
Data File: o46665.d

Date: 26-MAR-2011 05:43

Client ID: PMP-13-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-13-A;;;7.21;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SD-E (23.5-24) Lab Sample ID: 460-24277-14

Matrix: Solid Lab File ID: p45580.d

Analysis Method: 8260B Date Collected: 03/17/2011 16:15

Sample wt/vol: 10.48(g) Date Analyzed: 03/30/2011 13:00

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	28	U	28	5.9
74-83-9	Bromomethane	28	U	28	8.8
75-01-4	Vinyl chloride	28	U	28	3.4
75-00-3	Chloroethane	28	U	28	13
75-09-2	Methylene Chloride	28	U	28	5.4
67-64-1	Acetone	280	U	280	70
75-15-0	Carbon disulfide	28	U	28	4.1
75-69-4	Trichlorofluoromethane	28	U	28	4.4
75-35-4	1,1-Dichloroethene	28	U	28	4.0
75-34-3	1,1-Dichloroethane	28	U	28	2.8
156-60-5	trans-1,2-Dichloroethene	18	J	28	3.9
156-59-2	cis-1,2-Dichloroethene	19	J	28	5.5
67-66-3	Chloroform	28	U	28	4.4
78-93-3	2-Butanone	280	U	280	23
107-06-2	1,2-Dichloroethane	28	U	28	6.9
71-55-6	1,1,1-Trichloroethane	28	U	28	7.0
56-23-5	Carbon tetrachloride	28	U	28	5.1
71-43-2	Benzene	28	U	28	3.3
75-25-2	Bromoform	28	U	28	2.8
100-42-5	Styrene	28	U	28	3.9
100-41-4	Ethylbenzene	28	U	28	7.0
108-90-7	Chlorobenzene	5.1	J	28	4.7
110-82-7	Cyclohexane	28	U	28	3.5
98-82-8	Isopropylbenzene	28	U	28	6.0
591-78-6	2-Hexanone	280	U	280	15
1634-04-4	MTBE	28	U	28	5.2
76-13-1	Freon TF	28	U	28	8.1
79-20-9	Methyl acetate	56	U	56	9.3
123-91-1	1,4-Dioxane	1400	U	1400	240
79-01-6	Trichloroethene	390		28	5.0
108-88-3	Toluene	28	U	28	2.7
10061-02-6	trans-1,3-Dichloropropene	28	U	28	3.4
108-10-1	4-Methyl-2-pentanone	280	U	280	19
10061-01-5	cis-1,3-Dichloropropene	28	U	28	2.9
95-50-1	1,2-Dichlorobenzene	6.5	J	28	4.6
541-73-1	1,3-Dichlorobenzene	28	U	28	6.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SD-E (23.5-24) | Lab Sample ID: 460-24277-14

Matrix: Solid | Lab File ID: p45580.d

Analysis Method: 8260B | Date Collected: 03/17/2011 16:15

Sample wt/vol: 10.48(g) | Date Analyzed: 03/30/2011 13:00

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	28	U	28	4.2
120-82-1	1,2,4-Trichlorobenzene	26	J	28	12
87-61-6	1,2,3-Trichlorobenzene	28	U	28	23
78-87-5	1,2-Dichloropropane	28	U	28	2.5
108-87-2	Methylcyclohexane	28	U	28	2.3
127-18-4	Tetrachloroethene	28	U	28	5.5
1330-20-7	Xylenes, Total	85	U	85	12
96-12-8	1,2-Dibromo-3-Chloropropane	28	U	28	4.3
79-34-5	1,1,2,2-Tetrachloroethane	28	U	28	2.4
79-00-5	1,1,2-Trichloroethane	28	U	28	2.7
124-48-1	Dibromochloromethane	28	U	28	2.8
106-93-4	1,2-Dibromoethane	28	U	28	2.6
75-71-8	Dichlorodifluoromethane	28	U	28	8.0
74-97-5	Bromochloromethane	28	U	28	4.9
75-27-4	Bromodichloromethane	28	U	28	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	72		57-135
2037-26-5	Toluene-d8 (Surr)	81		46-130
460-00-4	Bromofluorobenzene	107		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SD-E (23.5-24) Lab Sample ID: 460-24277-14

Matrix: Solid Lab File ID: p45580.d

Analysis Method: 8260B Date Collected: 03/17/2011 16:15

Sample wt/vol: 10.48(g) Date Analyzed: 03/30/2011 13:00

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45580.d
Report Date: 30-Mar-2011 17:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45580.d
Lab Smp Id: 460-24277-B-14-A Client Smp ID: PMP-13-SD-E (23.5-2
Inj Date : 30-MAR-2011 13:00
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24277-B-14-A;50;;10.48;5
Misc Info : 460-24277-B-14-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 8
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	10.48000	Weight of sample extracted (g)
M	15.38462	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	25 trans-1,2-Dichloroethene	96	1.516	1.523	(0.510)	1236	0.62605	18(a)
	36 cis-1,2-Dichloroethene	96	2.132	2.132	(0.718)	1603	0.66049	19(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.762	2.769	(0.930)	93995	36.1648	1000
*	52 Fluorobenzene	96	2.970	2.970	(1.000)	492563	50.0000	
	54 Trichloroethene	95	3.099	3.099	(1.043)	30940	13.8244	390
$	65 Toluene-d8 (SUR)	98	4.367	4.374	(0.712)	357200	40.3886	1100
*	78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	390378	50.0000	
	79 Chlorobenzene	112	6.150	6.150	(1.004)	1239	0.18230	5.1(a)
$	89 Bromofluorobenzene (SUR)	174	7.390	7.389	(0.890)	179615	53.2743	1500
*	108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	239085	50.0000	
	111 1,2-Dichlorobenzene	146	8.622	8.614	(1.039)	1348	0.22988	6.5(a)
	114 1,2,4-Trichlorobenzene	180	9.689	9.689	(1.167)	3577	0.90823	26(a)
	116 Naphthalene	128	9.911	9.904	(1.194)	6318	0.74909	21(a)
M	120 1,2-Dichloroethene (Total)	100				2839	1.29008	36

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45580.d
Report Date: 30-Mar-2011 17:48

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45580.d
Report Date: 30-Mar-2011 17:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45580.d
Lab Smp Id: 460-24277-B-14-A Client Smp ID: PMP-13-SD-E (23.5-2
Inj Date : 30-MAR-2011 13:00
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24277-B-14-A;50;;10.48;5
Misc Info : 460-24277-B-14-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 8
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

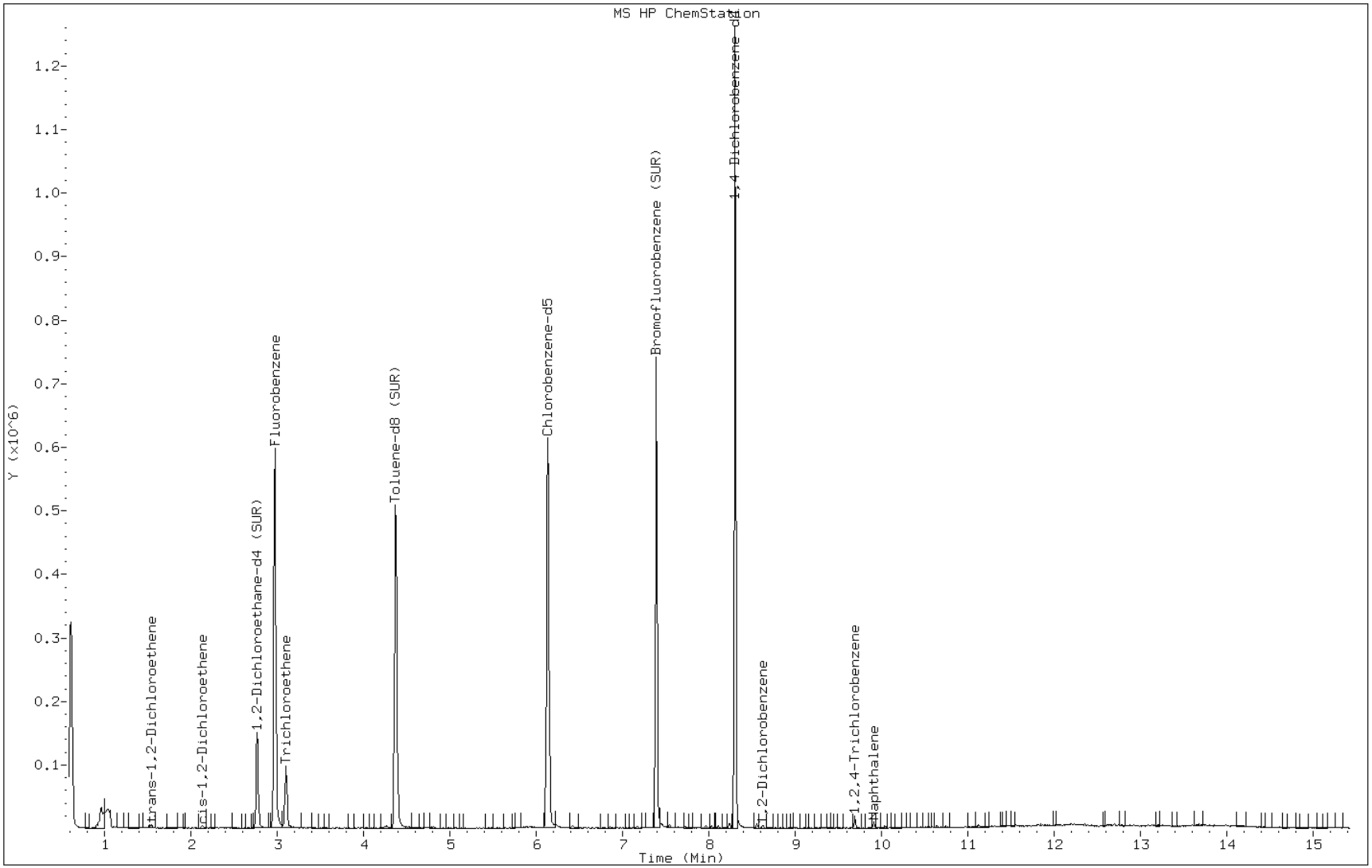
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p45580.d

Date: 30-MAR-2011 13:00

Client ID: PMP-13-SD-E (23.5-2 Instrument: VOAMS13.i

Sample Info: 460-24277-B-14-A;50;;10.48;5 Operator:



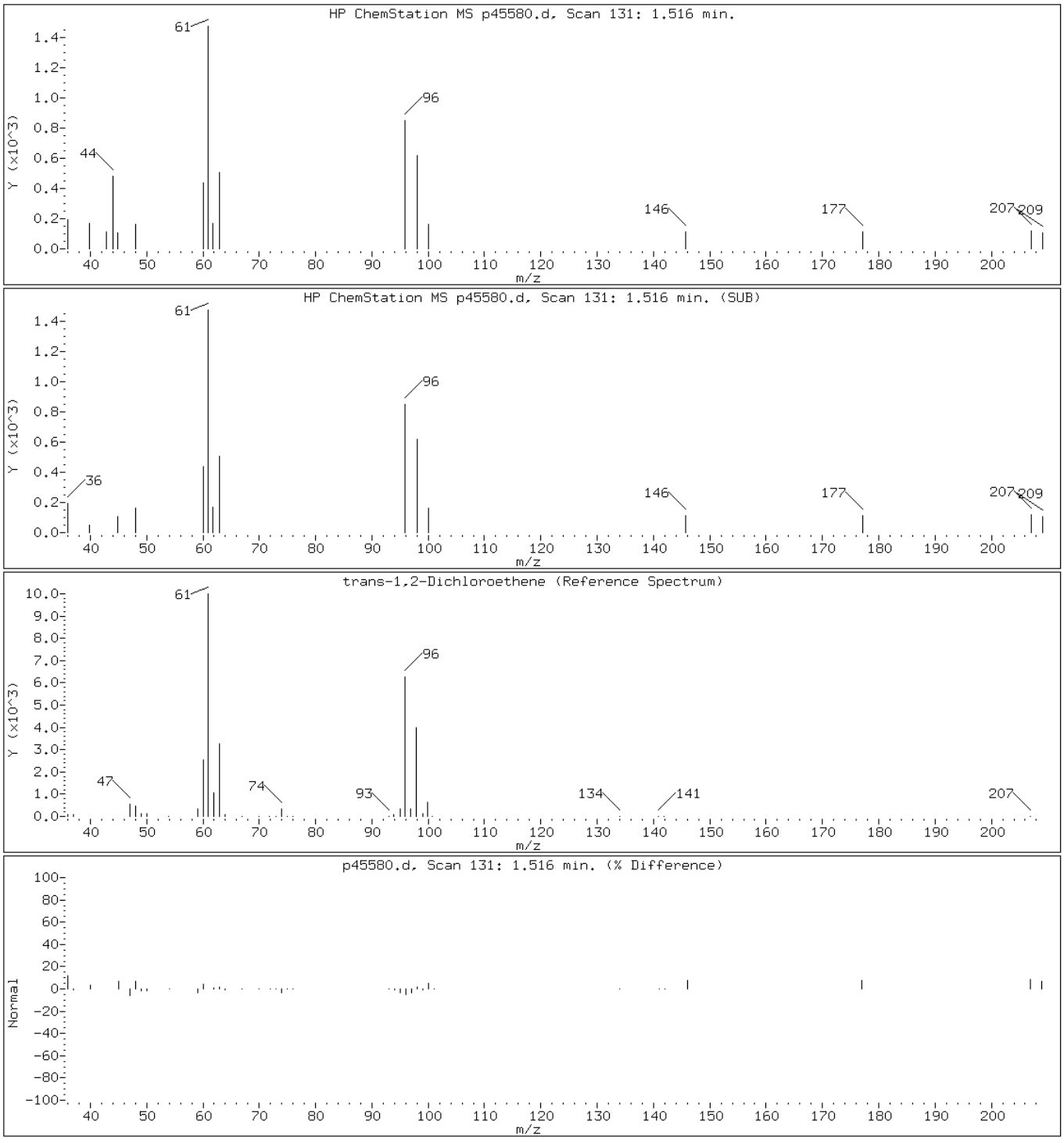
Data File: p45580.d

Date: 30-MAR-2011 13:00

Client ID: PMP-13-SD-E (23.5-2 Instrument: VOAMS13.i

Sample Info: 460-24277-B-14-A;50;;10.48;5 Operator:

25 trans-1,2-Dichloroethene



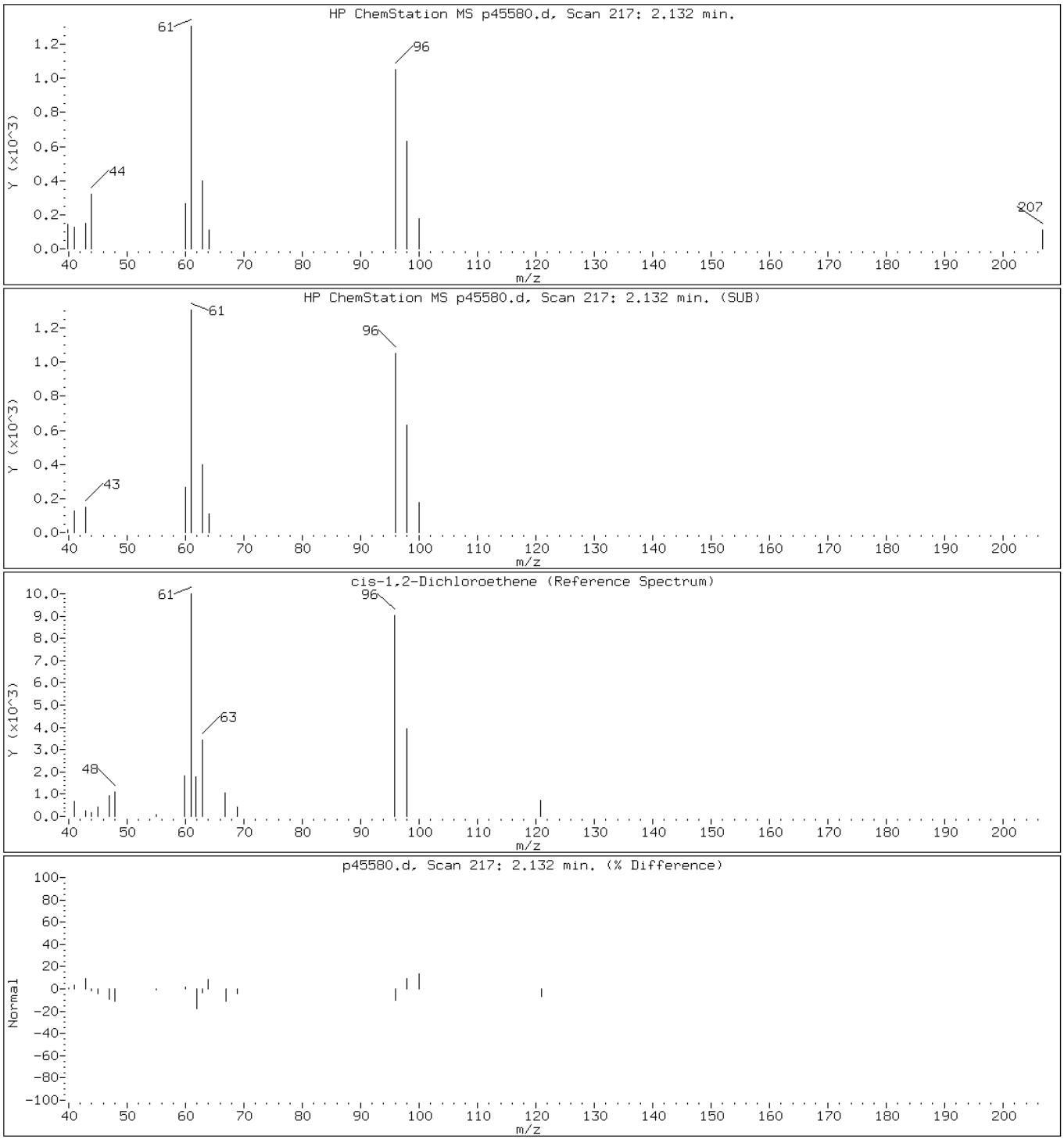
Data File: p45580.d

Date: 30-MAR-2011 13:00

Client ID: PMP-13-SD-E (23.5-2 Instrument: VOAMS13.i

Sample Info: 460-24277-B-14-A;50;;10.48;5 Operator:

36 cis-1,2-Dichloroethene



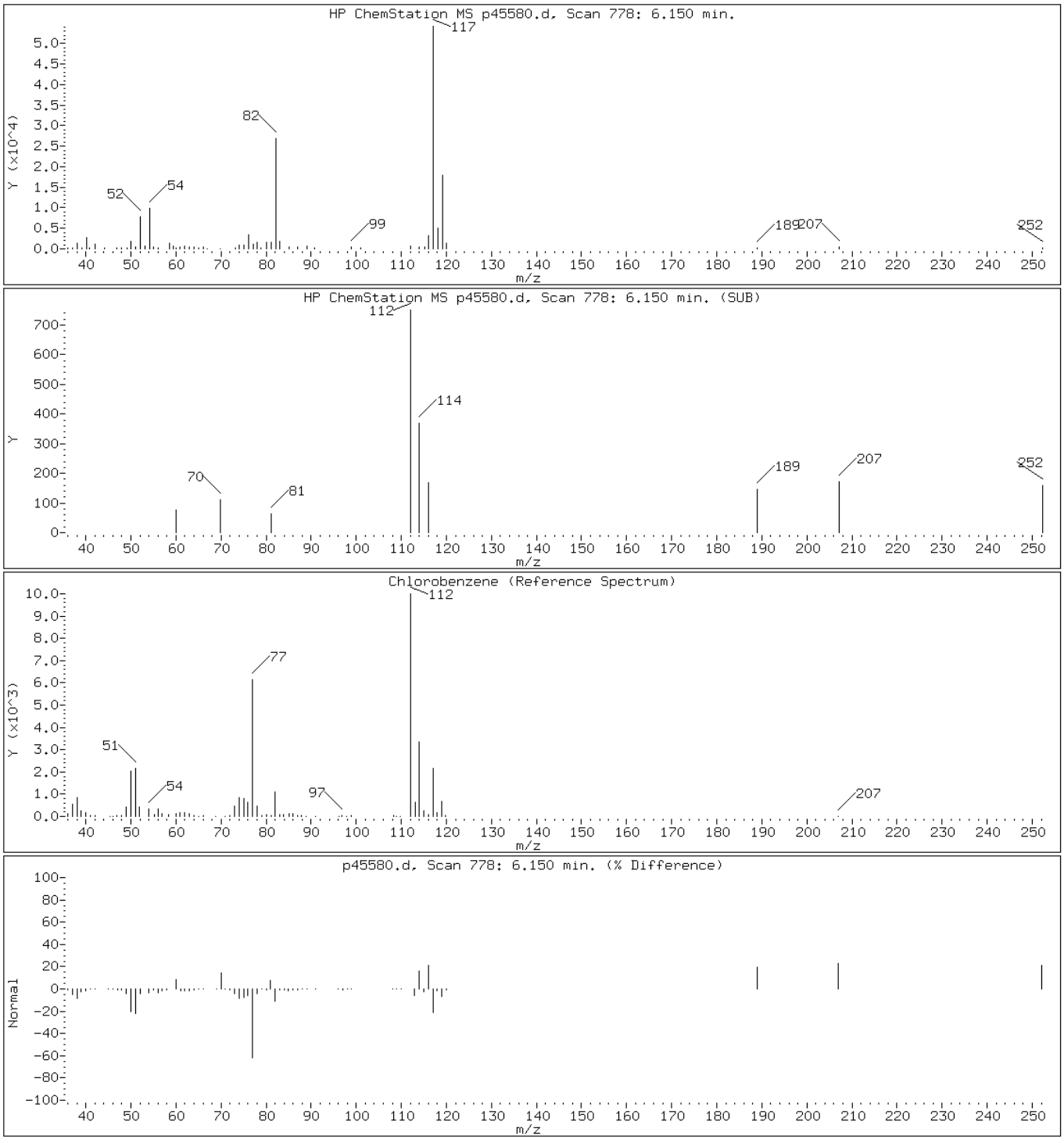
Data File: p45580.d

Date: 30-MAR-2011 13:00

Client ID: PMP-13-SD-E (23.5-2 Instrument: VOAMS13.i

Sample Info: 460-24277-B-14-A;50;;10.48;5 Operator:

79 Chlorobenzene



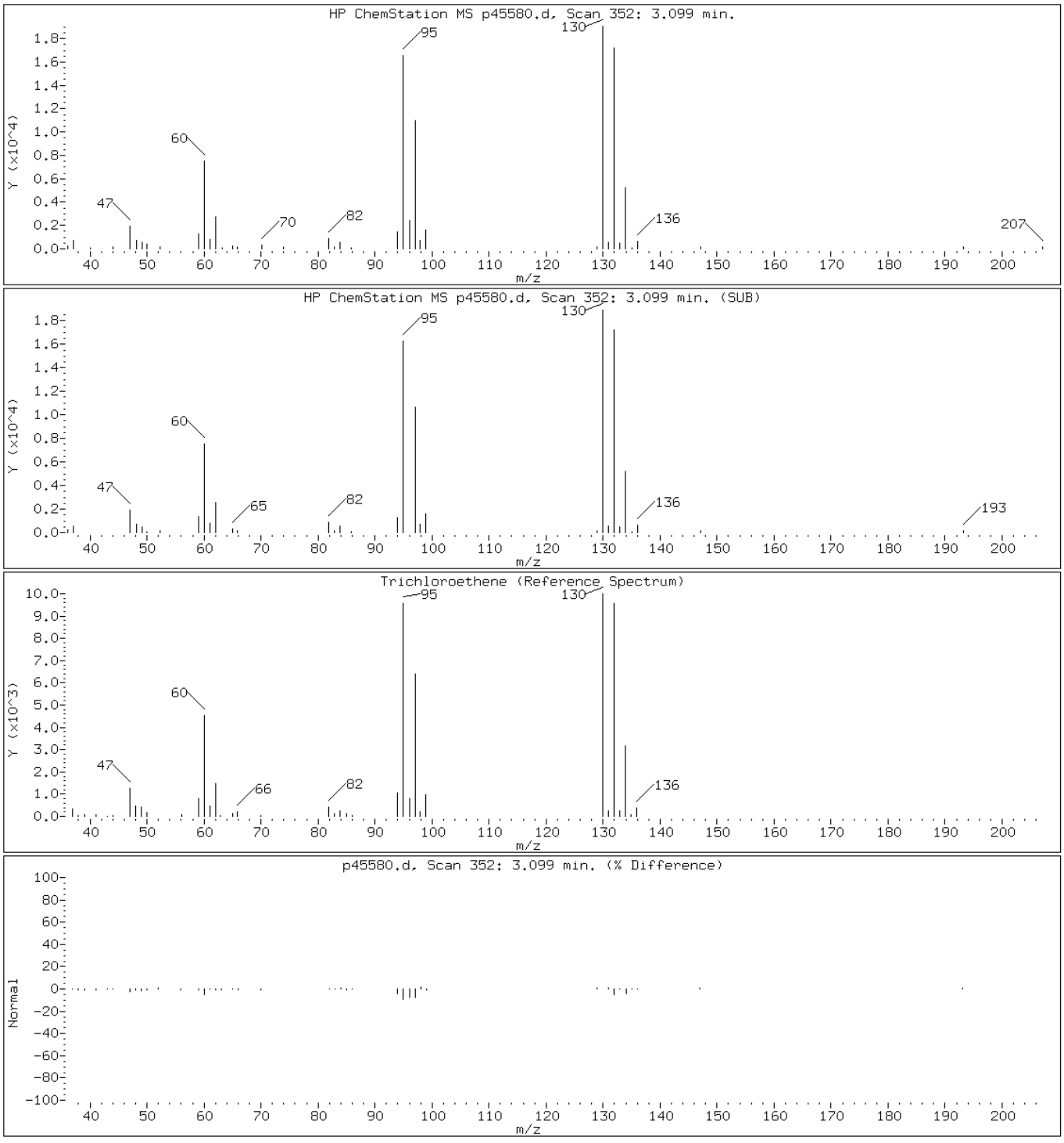
Data File: p45580.d

Date: 30-MAR-2011 13:00

Client ID: PMP-13-SD-E (23.5-2 Instrument: VOAMS13.i

Sample Info: 460-24277-B-14-A;50;;10.48;5 Operator:

54 Trichloroethene



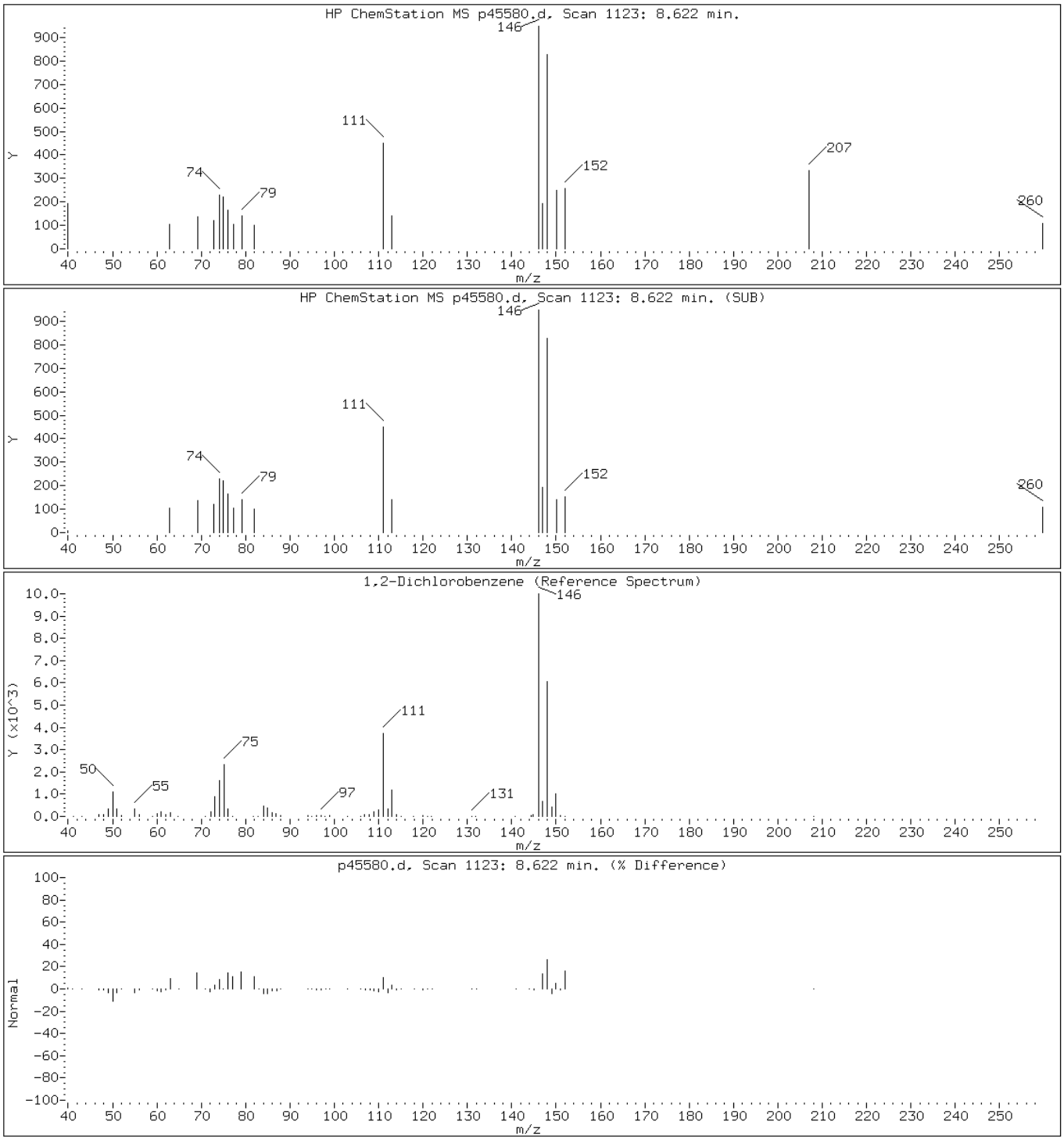
Data File: p45580.d

Date: 30-MAR-2011 13:00

Client ID: PMP-13-SD-E (23.5-2 Instrument: VOAMS13.i

Sample Info: 460-24277-B-14-A;50;;10.48;5 Operator:

111 1,2-Dichlorobenzene



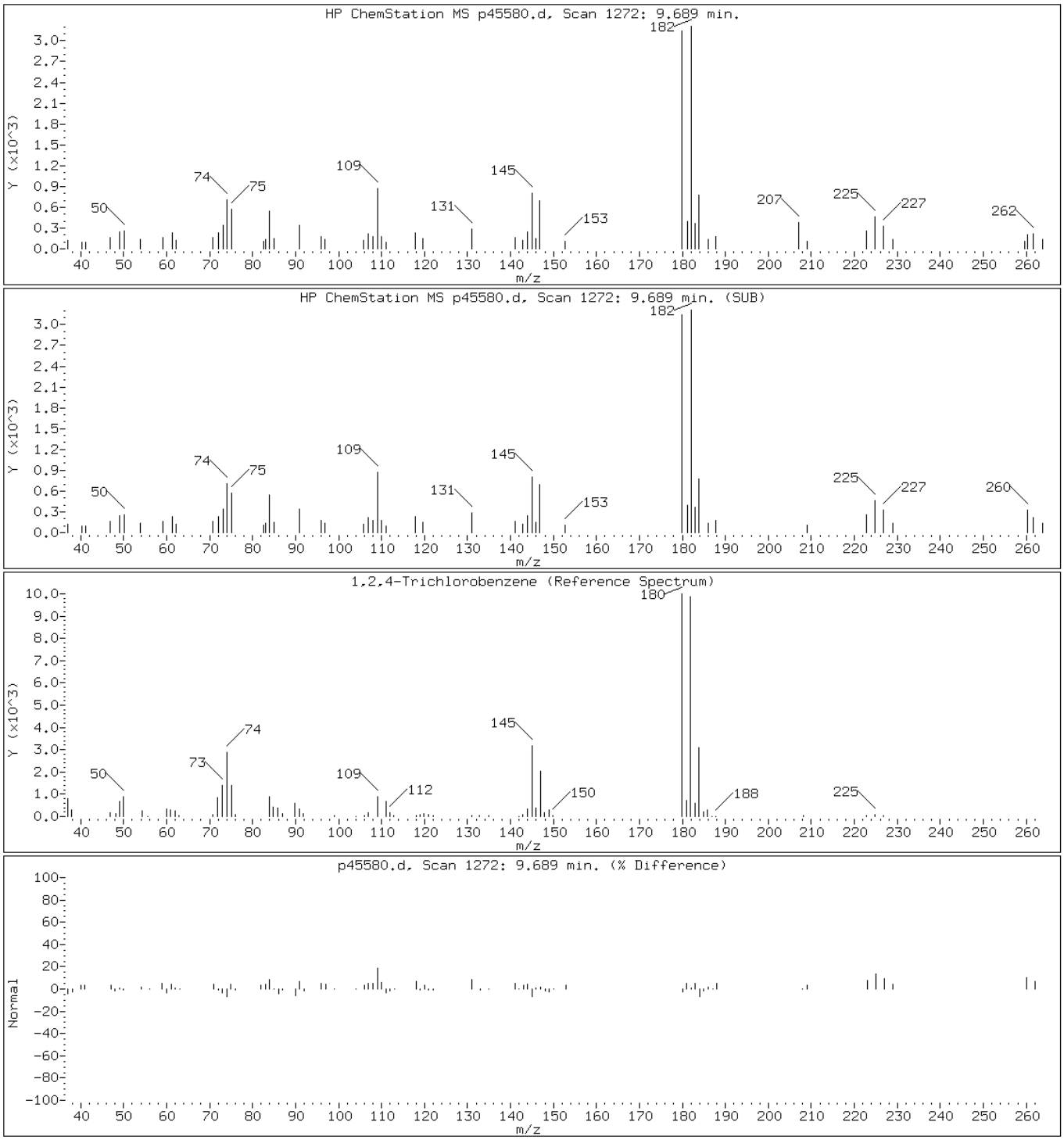
Data File: p45580.d

Date: 30-MAR-2011 13:00

Client ID: PMP-13-SD-E (23.5-2 Instrument: VOAMS13.i

Sample Info: 460-24277-B-14-A;50;;10.48;5 Operator:

114 1,2,4-Trichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-15

Matrix: Solid | Lab File ID: o46703.d

Analysis Method: 8260B | Date Collected: 03/18/2011 09:20

Sample wt/vol: 8.88(g) | Date Analyzed: 03/28/2011 20:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.9 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.60	U	0.60	0.38
74-83-9	Bromomethane	0.60	U	0.60	0.25
75-01-4	Vinyl chloride	0.60	U	0.60	0.14
75-00-3	Chloroethane	0.60	U	0.60	0.24
75-09-2	Methylene Chloride	0.60	U	0.60	0.28
67-64-1	Acetone	8.2	B	6.0	2.2
75-15-0	Carbon disulfide	0.60	U	0.60	0.28
75-69-4	Trichlorofluoromethane	0.60	U	0.60	0.16
75-35-4	1,1-Dichloroethene	0.60	U	0.60	0.22
75-34-3	1,1-Dichloroethane	0.60	U	0.60	0.15
156-60-5	trans-1,2-Dichloroethene	0.60	U	0.60	0.17
156-59-2	cis-1,2-Dichloroethene	0.60	U	0.60	0.14
67-66-3	Chloroform	0.60	U	0.60	0.14
78-93-3	2-Butanone	6.0	U	6.0	0.34
107-06-2	1,2-Dichloroethane	0.60	U	0.60	0.24
71-55-6	1,1,1-Trichloroethane	0.60	U	0.60	0.11
56-23-5	Carbon tetrachloride	0.60	U	0.60	0.061
71-43-2	Benzene	0.60	U	0.60	0.45
75-25-2	Bromoform	0.60	U	0.60	0.42
100-42-5	Styrene	0.60	U	0.60	0.21
100-41-4	Ethylbenzene	3.1		0.60	0.12
108-90-7	Chlorobenzene	0.60	U	0.60	0.29
110-82-7	Cyclohexane	0.60	U	0.60	0.13
98-82-8	Isopropylbenzene	1.2		0.60	0.16
591-78-6	2-Hexanone	6.0	U	6.0	1.0
1634-04-4	MTBE	0.60	U	0.60	0.21
76-13-1	Freon TF	0.60	U	0.60	0.29
79-20-9	Methyl acetate	0.60	U	0.60	0.54
123-91-1	1,4-Dioxane	30	U	30	2.5
79-01-6	Trichloroethene	0.60	U	0.60	0.22
108-88-3	Toluene	0.60	U	0.60	0.18
10061-02-6	trans-1,3-Dichloropropene	0.60	U	0.60	0.13
108-10-1	4-Methyl-2-pentanone	6.0	U	6.0	0.43
10061-01-5	cis-1,3-Dichloropropene	0.60	U	0.60	0.12
95-50-1	1,2-Dichlorobenzene	0.71		0.60	0.39
541-73-1	1,3-Dichlorobenzene	0.51	J	0.60	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-15

Matrix: Solid | Lab File ID: o46703.d

Analysis Method: 8260B | Date Collected: 03/18/2011 09:20

Sample wt/vol: 8.88(g) | Date Analyzed: 03/28/2011 20:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.9 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	4.7		0.60	0.43
120-82-1	1,2,4-Trichlorobenzene	0.34	J	0.60	0.32
87-61-6	1,2,3-Trichlorobenzene	0.60	U	0.60	0.39
78-87-5	1,2-Dichloropropane	0.60	U	0.60	0.19
108-87-2	Methylcyclohexane	3.9		0.60	0.17
127-18-4	Tetrachloroethene	0.60	U	0.60	0.20
1330-20-7	Xylenes, Total	13		1.8	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	0.60	U	0.60	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	0.60	0.46
79-00-5	1,1,2-Trichloroethane	0.60	U	0.60	0.36
124-48-1	Dibromochloromethane	0.60	U	0.60	0.34
106-93-4	1,2-Dibromoethane	0.60	U	0.60	0.31
75-71-8	Dichlorodifluoromethane	0.60	U	0.60	0.25
74-97-5	Bromochloromethane	0.60	U	0.60	0.16
75-27-4	Bromodichloromethane	0.60	U	0.60	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	98		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) Lab Sample ID: 460-24277-15

Matrix: Solid Lab File ID: o46703.d

Analysis Method: 8260B Date Collected: 03/18/2011 09:20

Sample wt/vol: 8.88(g) Date Analyzed: 03/28/2011 20:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.9 Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 147.9

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C7H16 Alkane	3.86	16	J
	C8H18 Alkane	5.10	13	J
	C8H18 Alkane-1	5.22	12	J
	C9H18 Cycloalkane	8.67	8.0	J
108-67-8	1,3,5-Trimethylbenzene	10.39	22	
95-63-6	1,2,4-Trimethylbenzene	11.00	20	
	Trimethylbenzene isomer	11.62	25	J
	Ethyldimethylbenzene isomer	12.77	8.0	J
	Decahydromethylnaphthalene isomer	12.88	9.9	J
	Coeluting Aromatics	13.31	14	J

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46703.d
Report Date: 30-Mar-2011 11:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46703.d
Lab Smp Id: 460-24277-E-15-A Client Smp ID: PMP-16-VD-E (3.5-4.
Inj Date : 28-MAR-2011 20:44
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-E-15-A;;;8.88;5
Misc Info : 460-24277-E-15-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	8.88000	Weight of sample extracted (g)
M	6.90608	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.807	1.813	(0.447)	11740	13.5514	8.2
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	179937	48.3834	29
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	1011437	50.0000	
	126 Methyl cyclohexane	83	4.605	4.605	(1.140)	79810	6.44799	3.9
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	767734	45.0546	27
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	739862	50.0000	
	40 Ethylbenzene	106	8.001	8.007	(1.031)	49519	5.05087	3.0
	43 m+p-Xylene	106	8.190	8.196	(1.055)	254649	20.6938	12
	110 Isopropylbenzene	105	9.397	9.403	(1.210)	55182	1.90403	1.2
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	300600	49.1084	30
	102 1,3,5-Trimethylbenzene	105	10.390	10.390	(0.905)	1043836	37.0741	22
	100 1,2,4-Trimethylbenzene	105	11.000	11.000	(0.959)	962490	33.5292	20
	67 1,3-Dichlorobenzene	146	11.372	11.366	(0.991)	14267	0.85093	0.51(a)
*	91 1,4-Dichlorobenzene-d4	152	11.476	11.476	(1.000)	411136	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46703.d
Report Date: 30-Mar-2011 11:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	68 1,4-Dichlorobenzene	146	11.506	11.506	(1.003)	126750	7.76578	4.7
	69 1,2-Dichlorobenzene	146	11.982	11.982	(1.044)	17749	1.18198	0.71
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	81591	2.86152	1.7
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	6919	0.56480	0.34(a)
	70 Naphthalene	128	13.835	13.841	(1.206)	76794	3.52584	2.1
M	45 Xylene (Total)	100				254649	20.9266	13

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46703.d
Report Date: 30-Mar-2011 11:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46703.d
Lab Smp Id: 460-24277-E-15-A Client Smp ID: PMP-16-VD-E (3.5-4.
Inj Date : 28-MAR-2011 20:44
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-E-15-A;;;8.88;5
Misc Info : 460-24277-E-15-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	8.88000	Weight of sample extracted (g)
M	6.90608	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 69 Fluorobenzene	4.038	2001620	50.000
* 32 Chlorobenzene-d5	7.763	2068519	50.000
* 91 1,4-Dichlorobenzene-d4	11.476	3232035	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C7H16 Alkane				CAS #:			
3.855	1089457	27.2143621	16	0	0		69

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46703.d
Report Date: 30-Mar-2011 11:50

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C8H18 Alkane					CAS #:		
5.099	886062	22.1336113	13	0	0		69
C8H18 Alkane-1					CAS #:		
5.221	784431	19.5949028	12	0	0		69
C9H18 Cycloalkane					CAS #:		
8.671	544352	13.1579967	8.0	0	0		32
C10H20 Alkene					CAS #:		
9.848	825328	12.7679373	7.7	0	0		91
Ethylmethylbenzene isomer					CAS #:		
10.695	679761	10.5159967	6.4	0	0		91
Trimethylbenzene isomer					CAS #:		
11.616	2641042	40.8572521	25	0	0		91
Decahydronaphthalene isomer					CAS #:		
11.915	595321	9.20969131	5.6	0	0		91
Methylpropylbenzene isomer					CAS #:		
12.238	590945	9.14199226	5.5	0	0		91
Tetramethylbenzene isomer					CAS #:		
12.353	680418	10.5261535	6.4	0	0		91
C10H12 Aromatic					CAS #:		
12.542	738428	11.4235761	6.9	0	0		91
Ethyldimethylbenzene isomer					CAS #:		
12.774	860129	13.3063115	8.0	0	0		91
Decahydromethylnaphthalene isomer					CAS #:		
12.884	1055657	16.3311448	9.9	0	0		91
Tetramethylbenzene isomer-1					CAS #:		
12.927	793361	12.2733988	7.4	0	0		91
Coeluting Aromatics					CAS #:		
13.311	1485244	22.9769152	14	0	0		91
Unknown					CAS #:		
13.445	678818	10.5014007	6.4	0	0		91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46703.d
Report Date: 30-Mar-2011 11:50

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Coeluting Unknowns					CAS #:		
13.792	521491	8.06753982	4.9	0		0	91(L)

QC Flag Legend

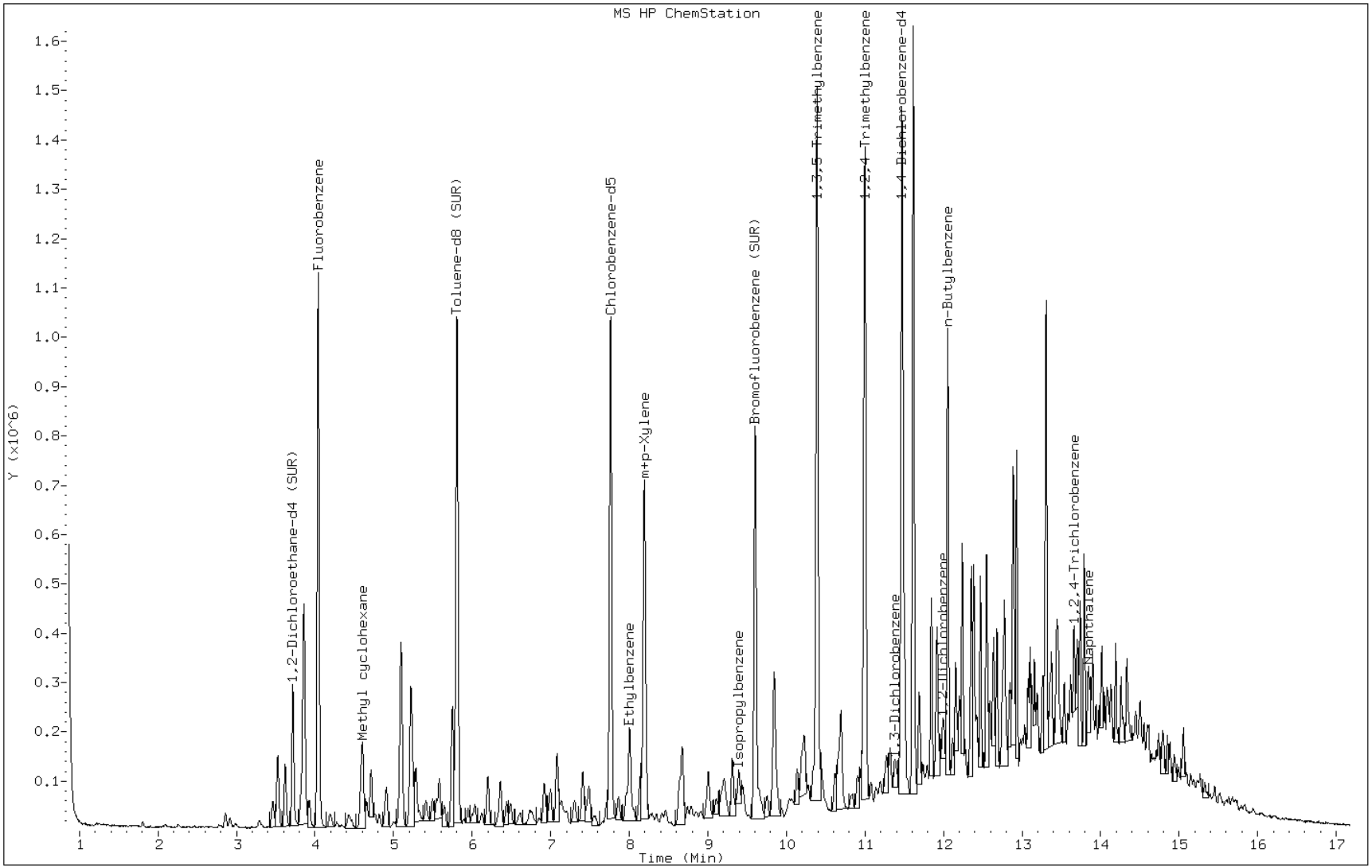
L - Operator selected an alternate library search match.

Data File: o46703.d

Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9



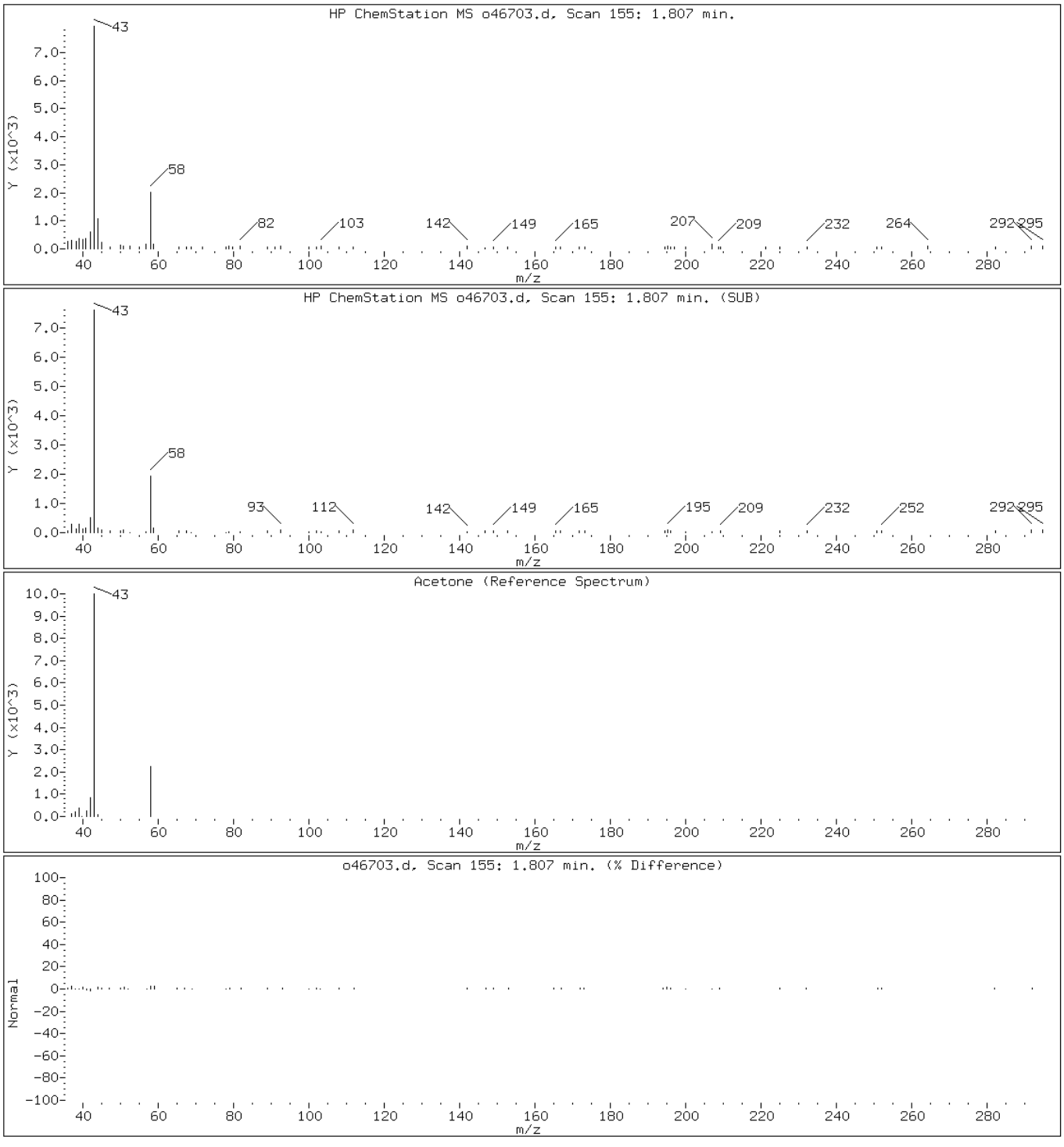
Data File: o46703.d

Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

7 Acetone



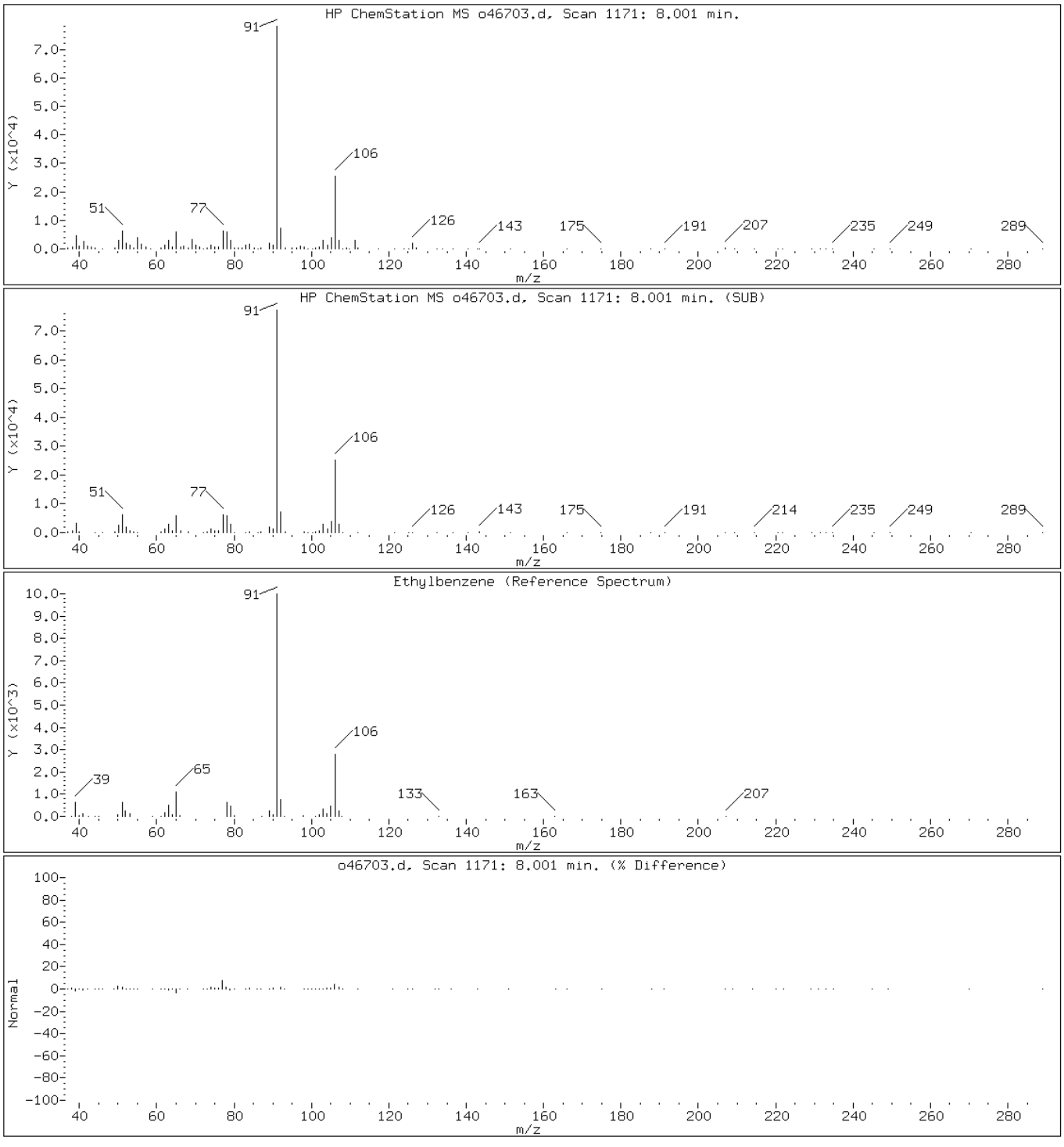
Data File: o46703.d

Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

40 Ethylbenzene



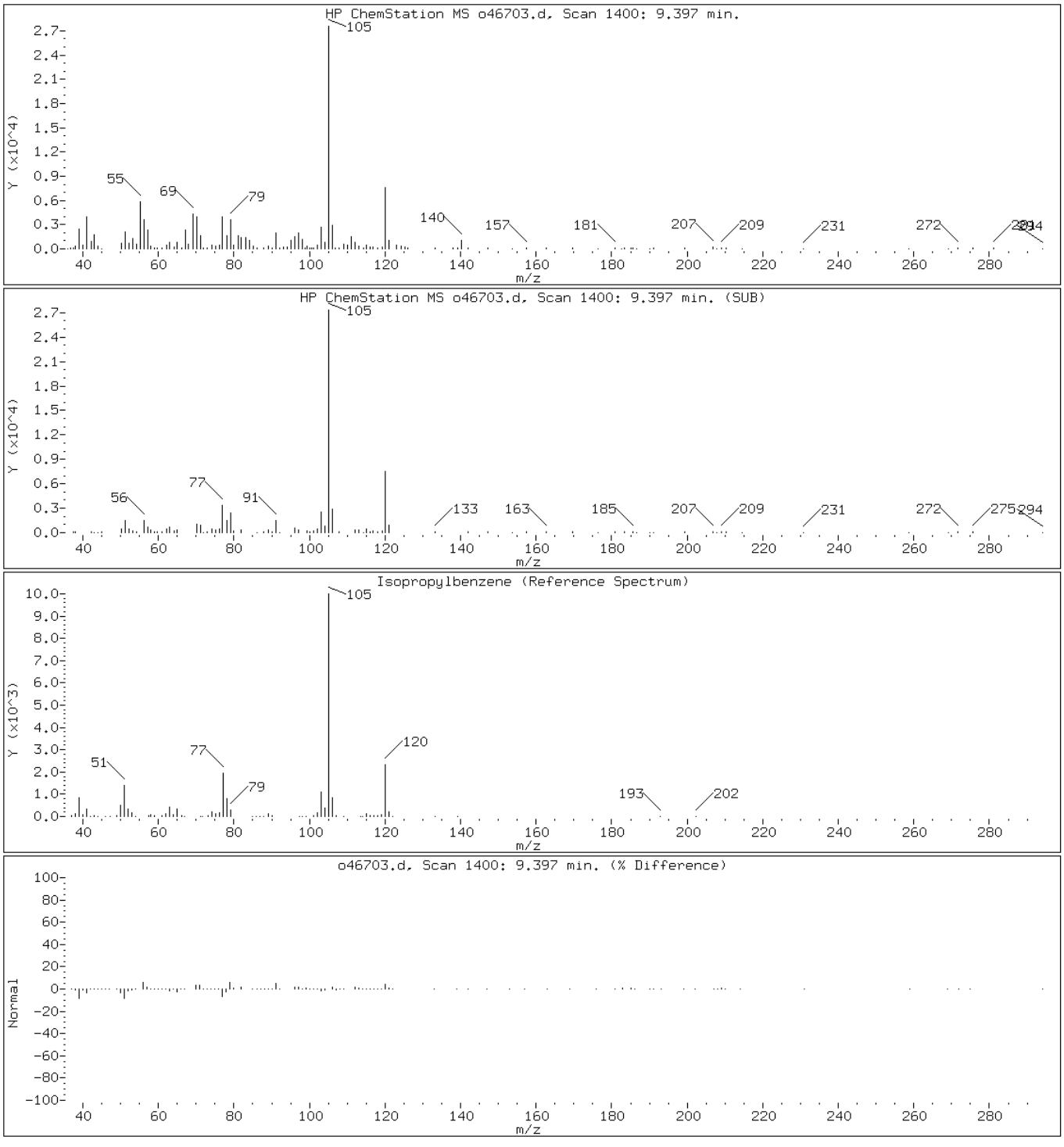
Data File: o46703.d

Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

110 Isopropylbenzene



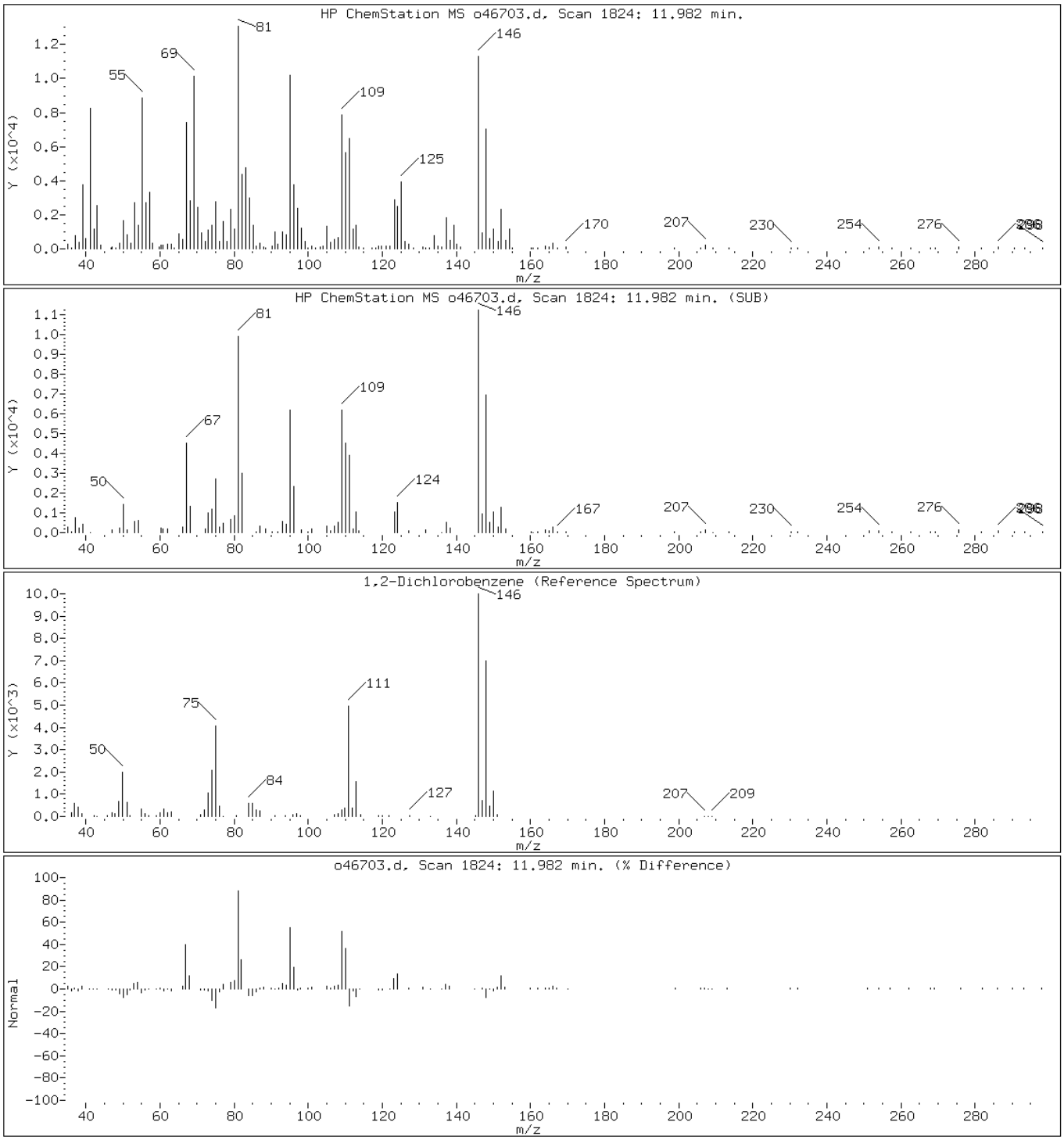
Data File: o46703.d

Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



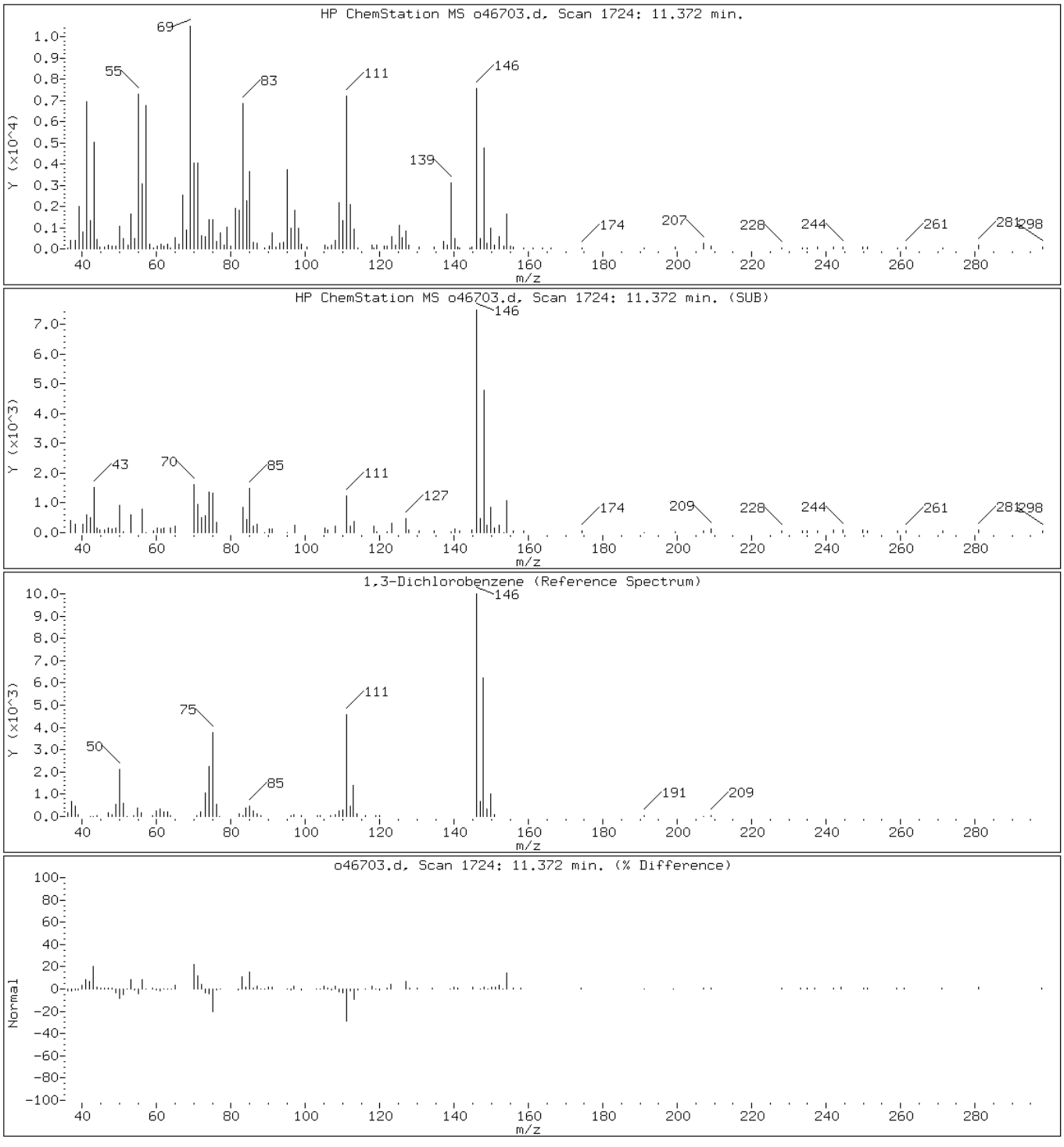
Data File: o46703.d

Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

67 1,3-Dichlorobenzene



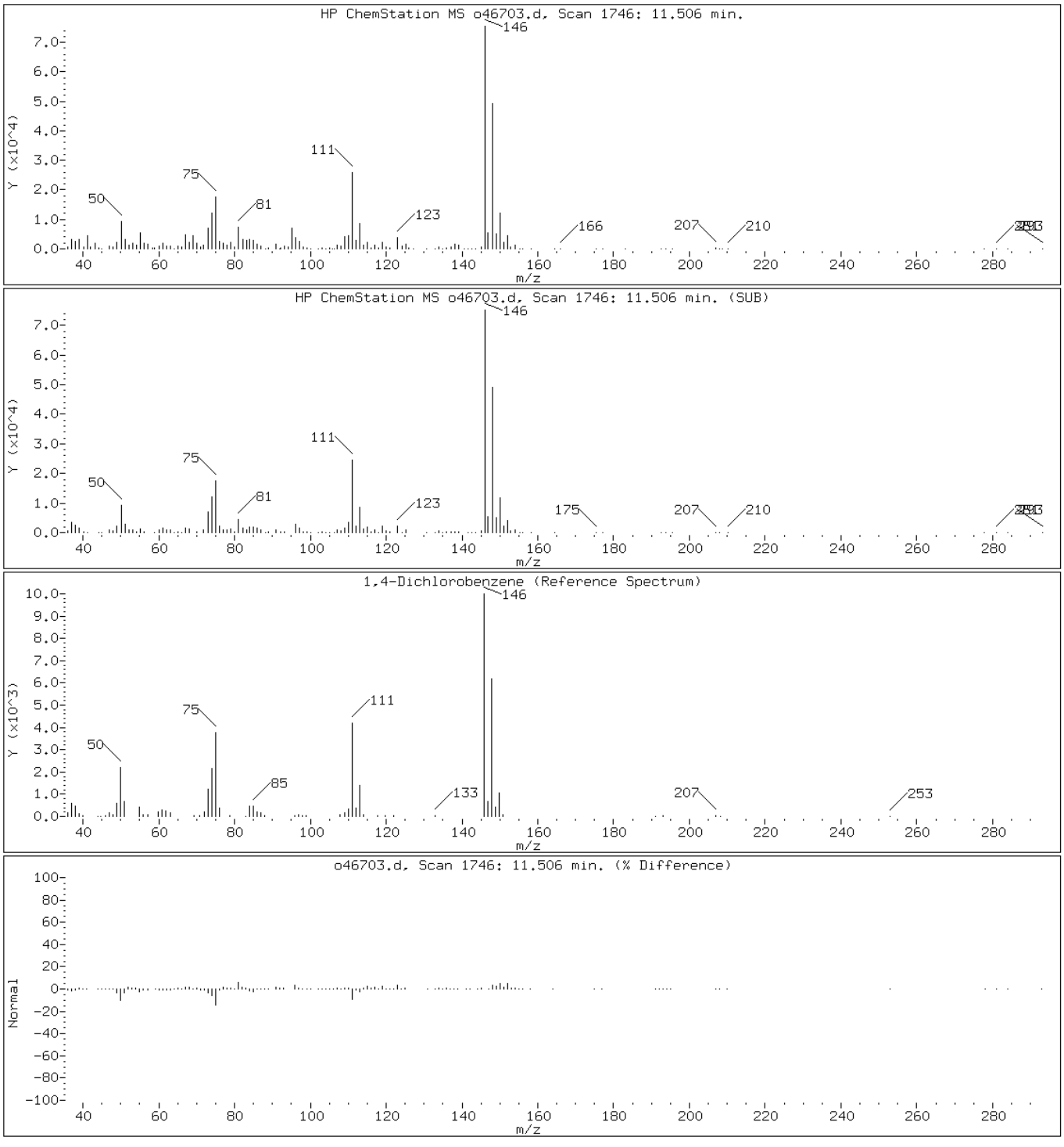
Data File: o46703.d

Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



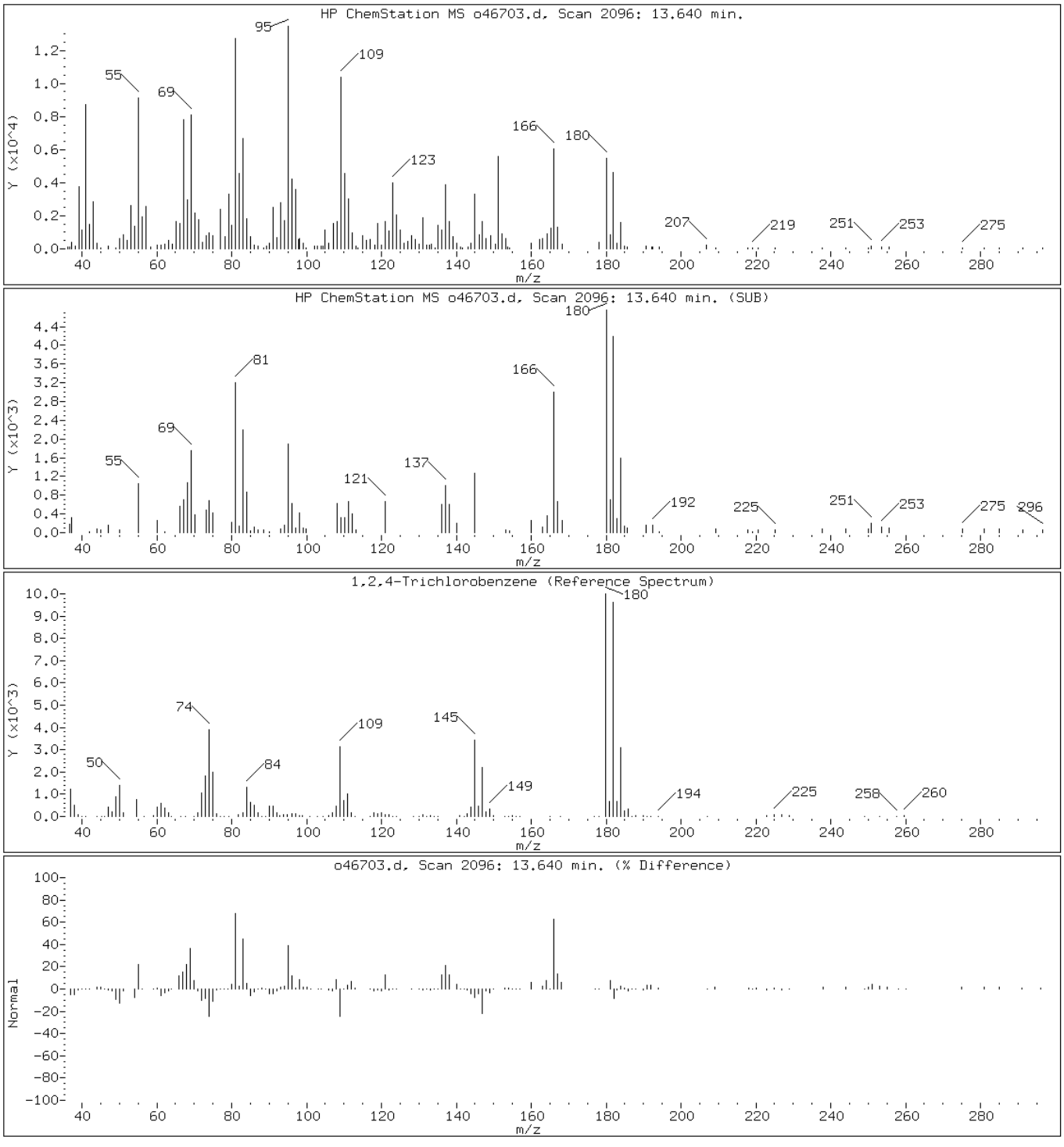
Data File: o46703.d

Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



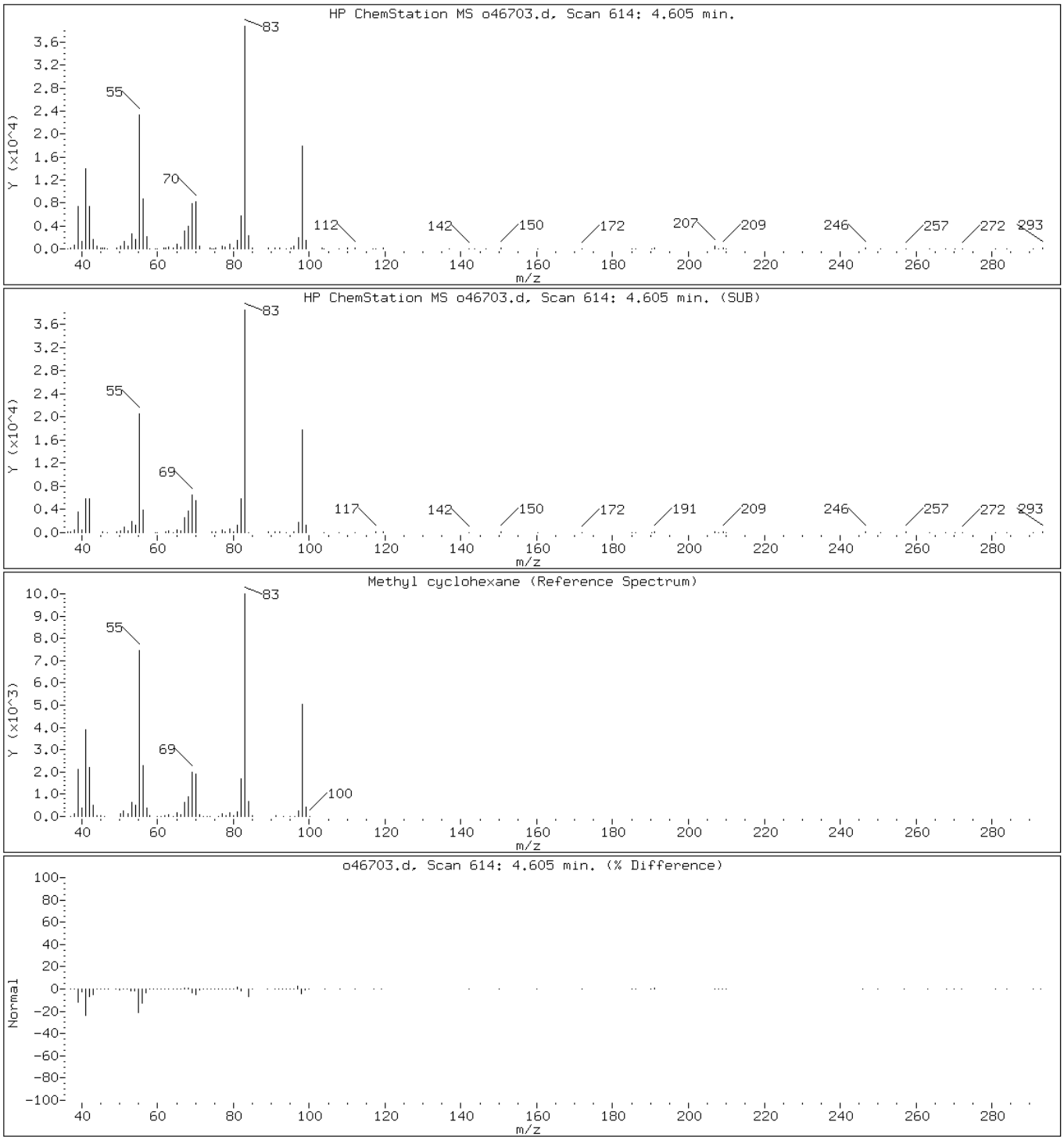
Data File: o46703.d

Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

126 Methyl cyclohexane



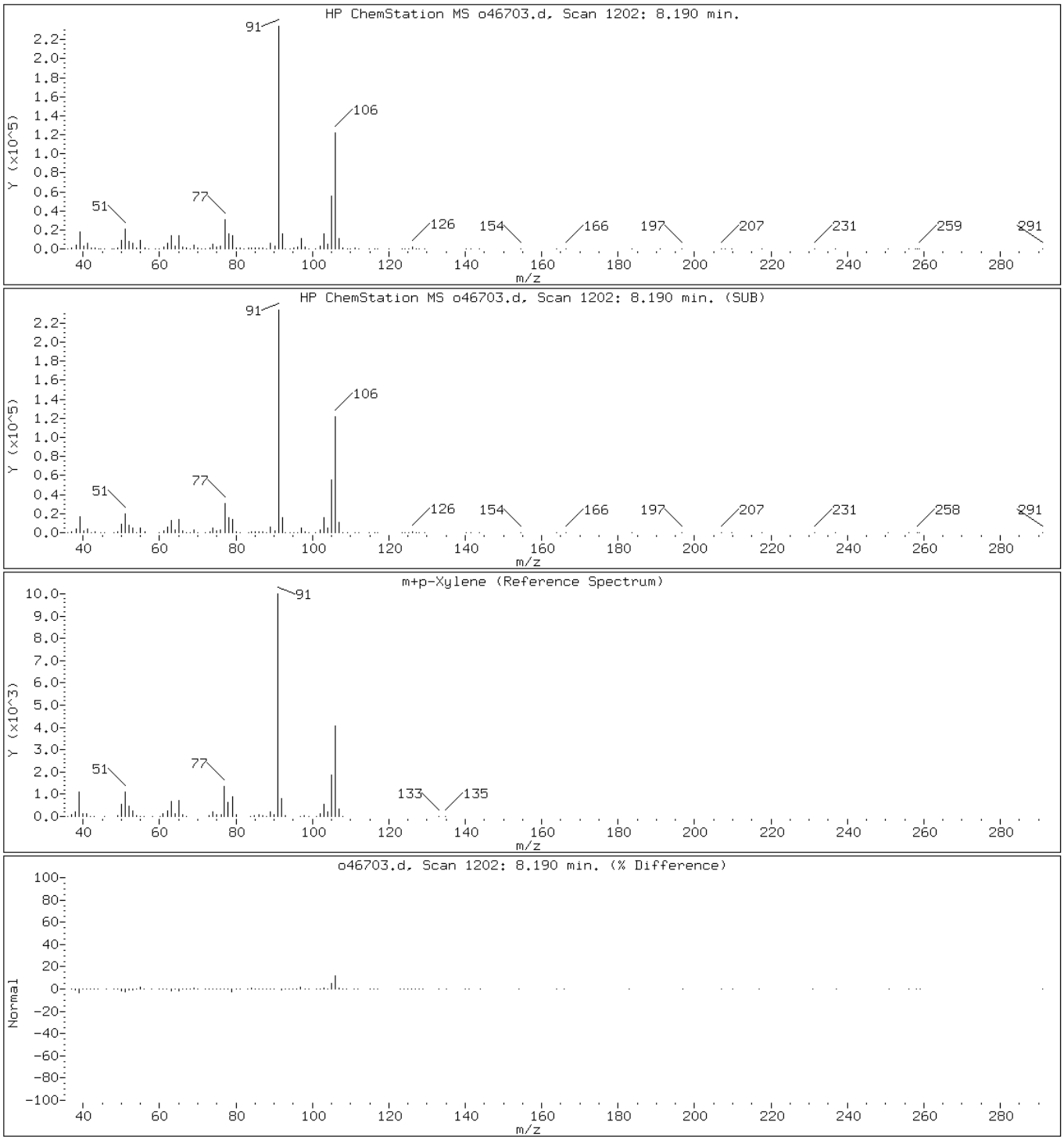
Data File: o46703.d

Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

43 m+p-Xylene



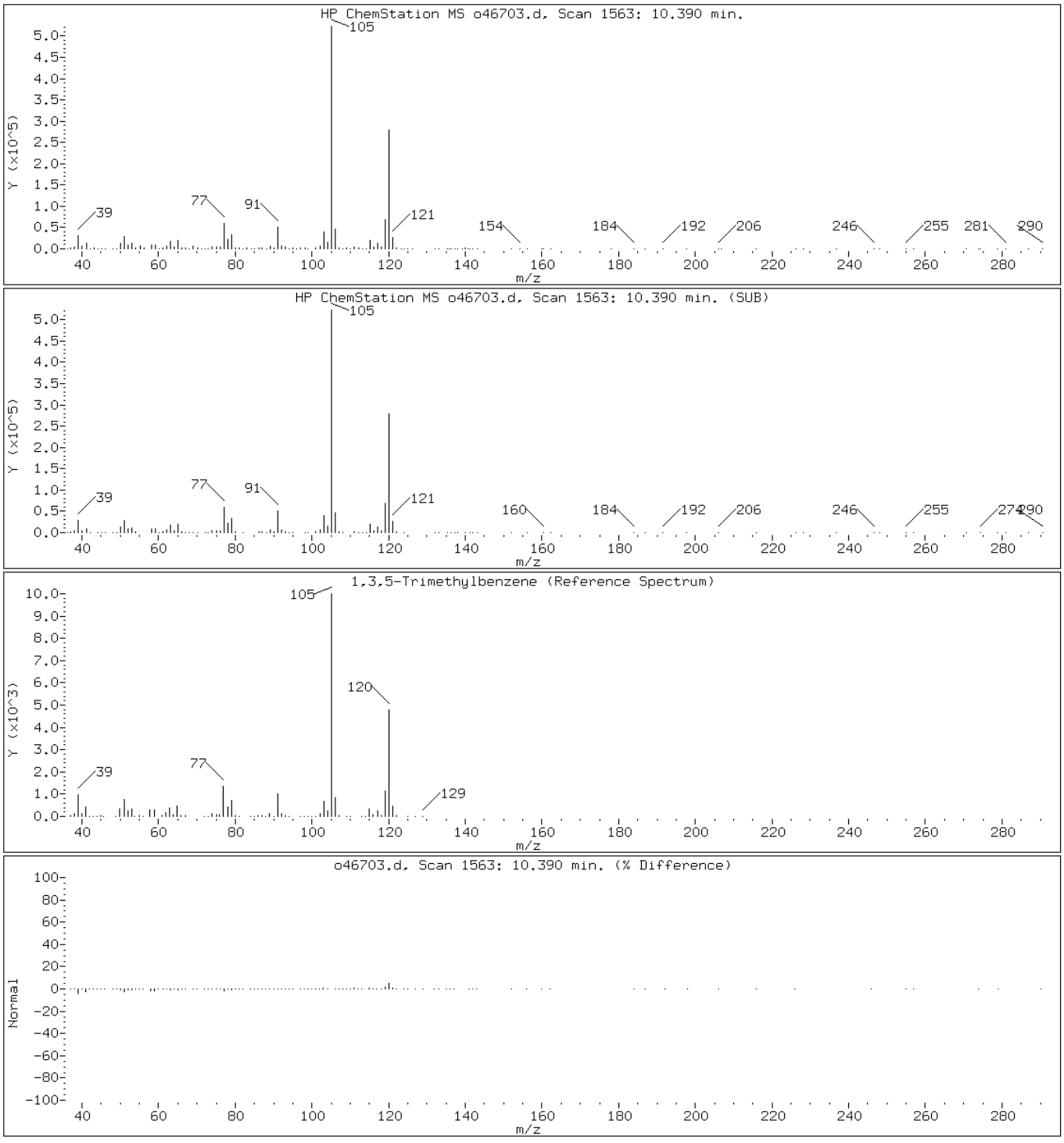
Data File: o46703.d

Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

102 1,3,5-Trimethylbenzene



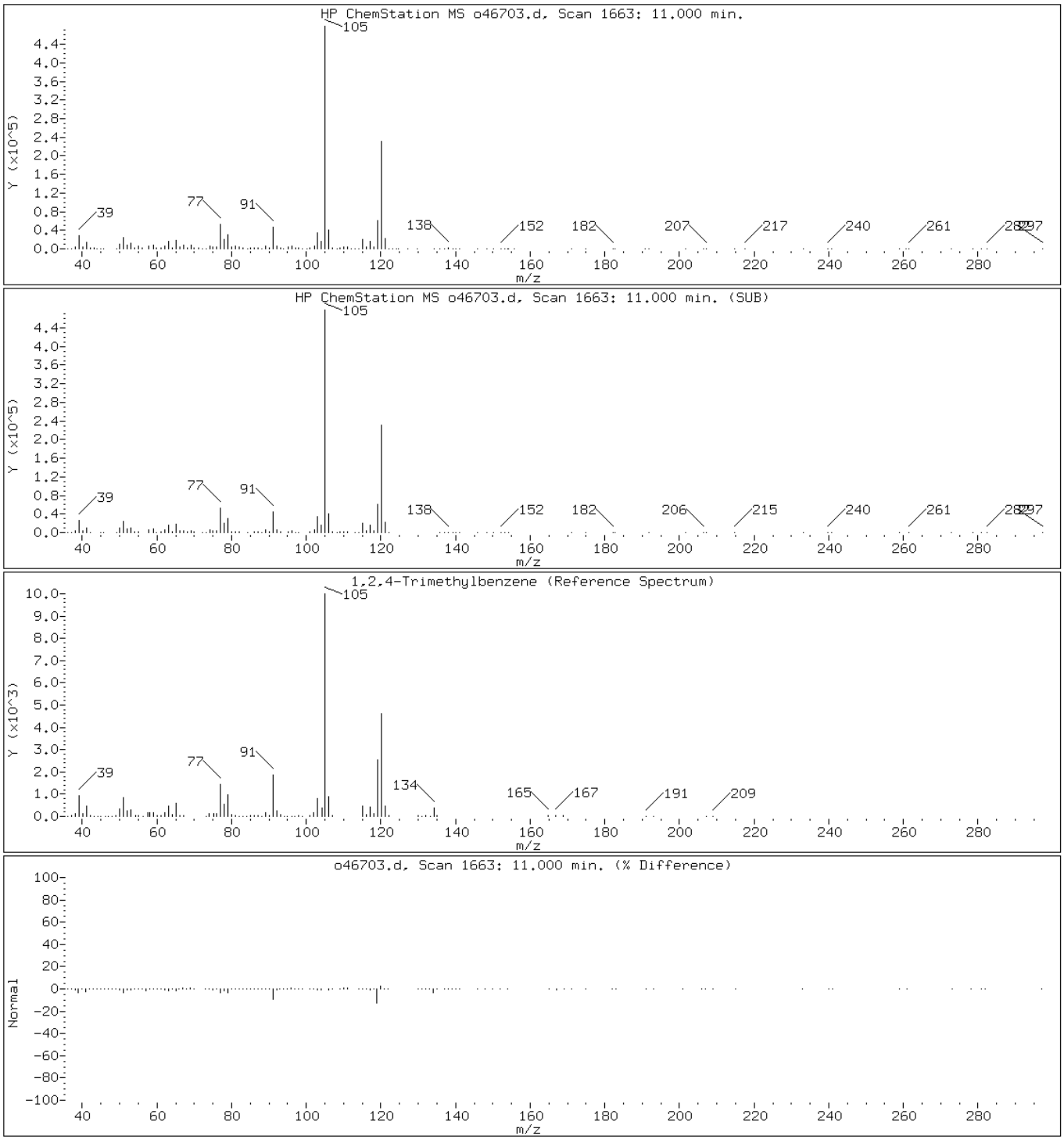
Data File: o46703.d

Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

100 1,2,4-Trimethylbenzene



Data File: o46703.d

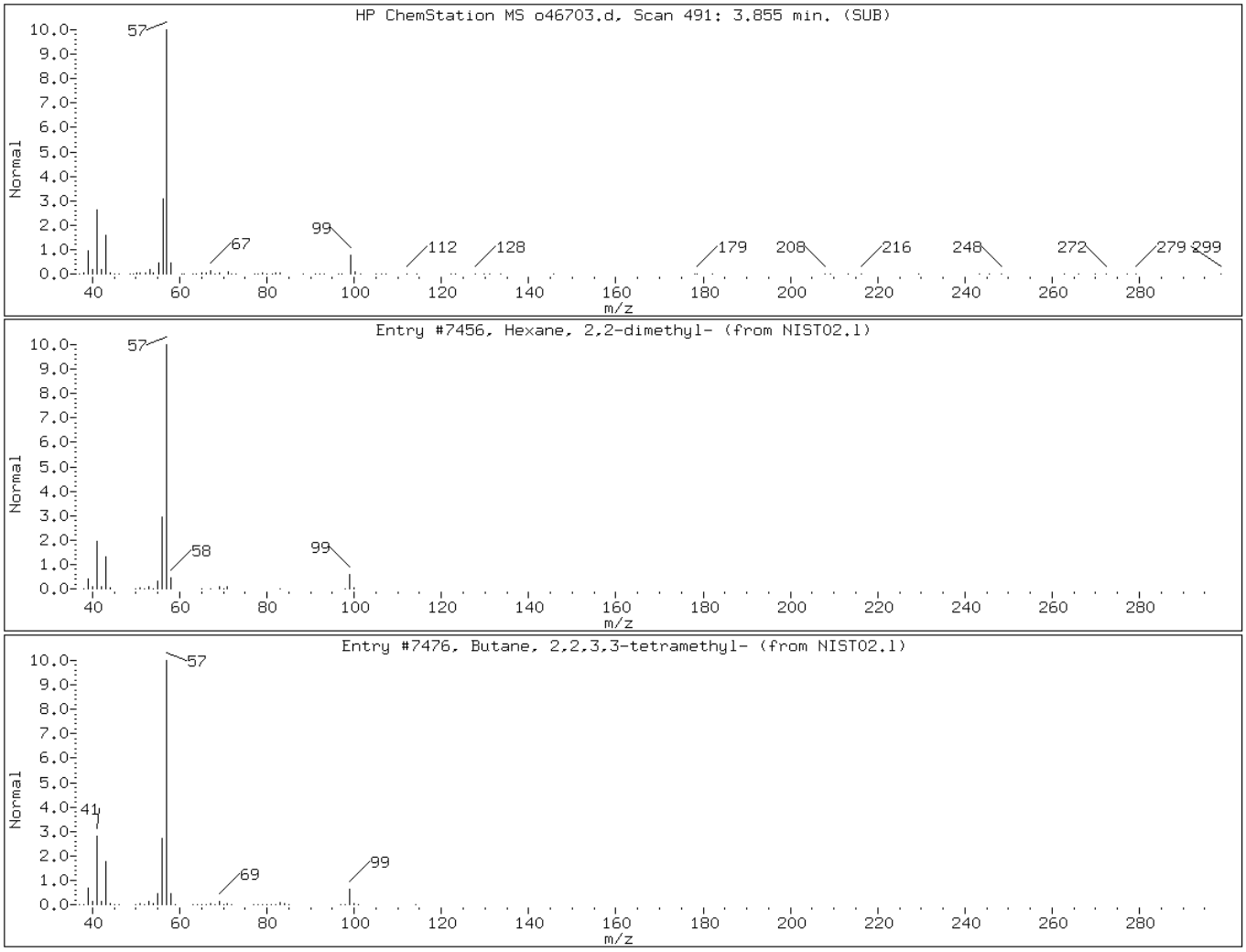
Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

Retention Time: 3.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C7H16 Alkane						
Hexane, 2,2-dimethyl-	590-73-8	NIST02.l	7456	78	C8H18	114
Butane, 2,2,3,3-tetramethyl-	594-82-1	NIST02.l	7476	78	C8H18	114



Data File: o46703.d

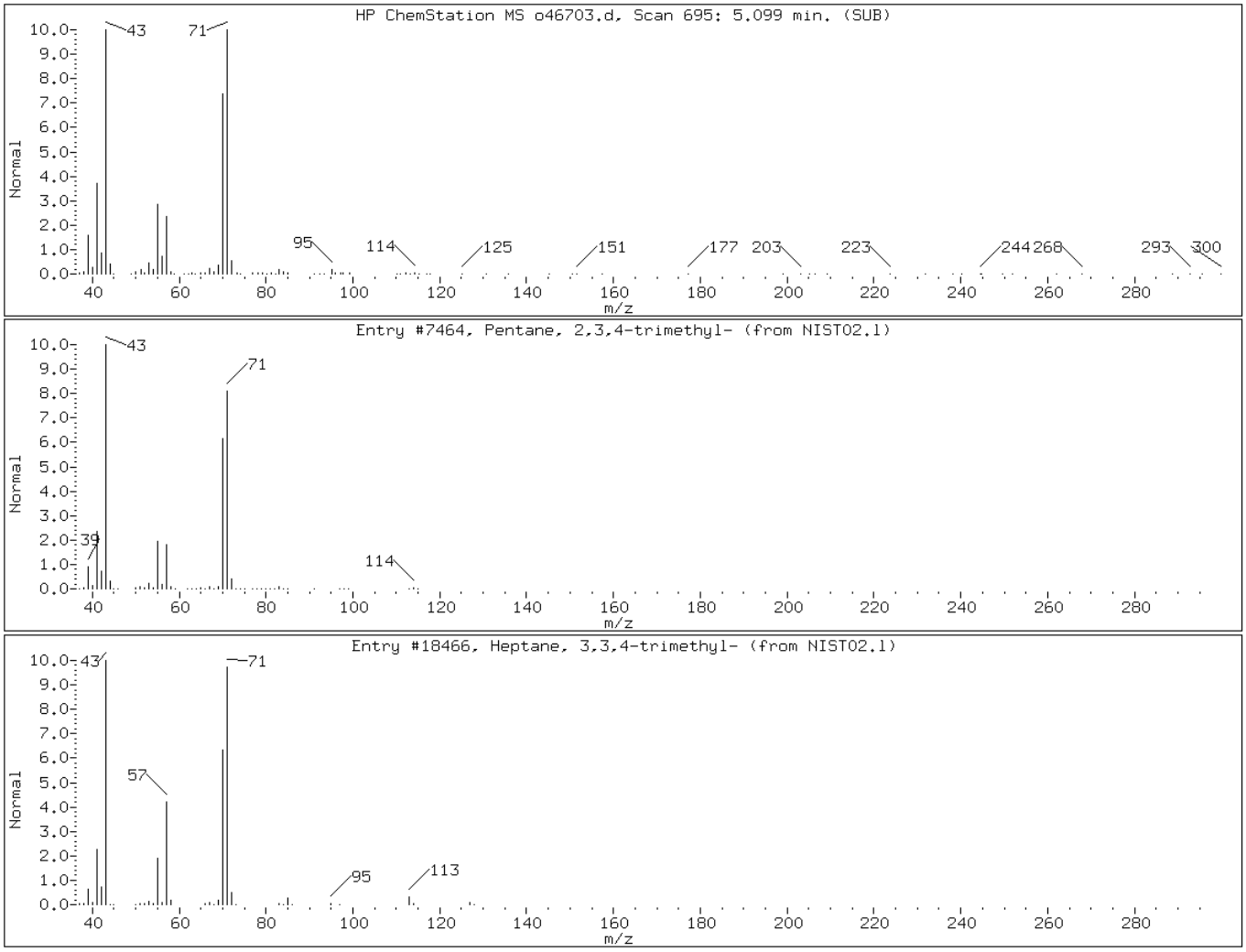
Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

Retention Time: 5.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C8H18 Alkane						
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.l	7464	91	C8H18	114
Heptane, 3,3,4-trimethyl-	20278-87-9	NIST02.l	18466	83	C10H22	142



Data File: o46703.d

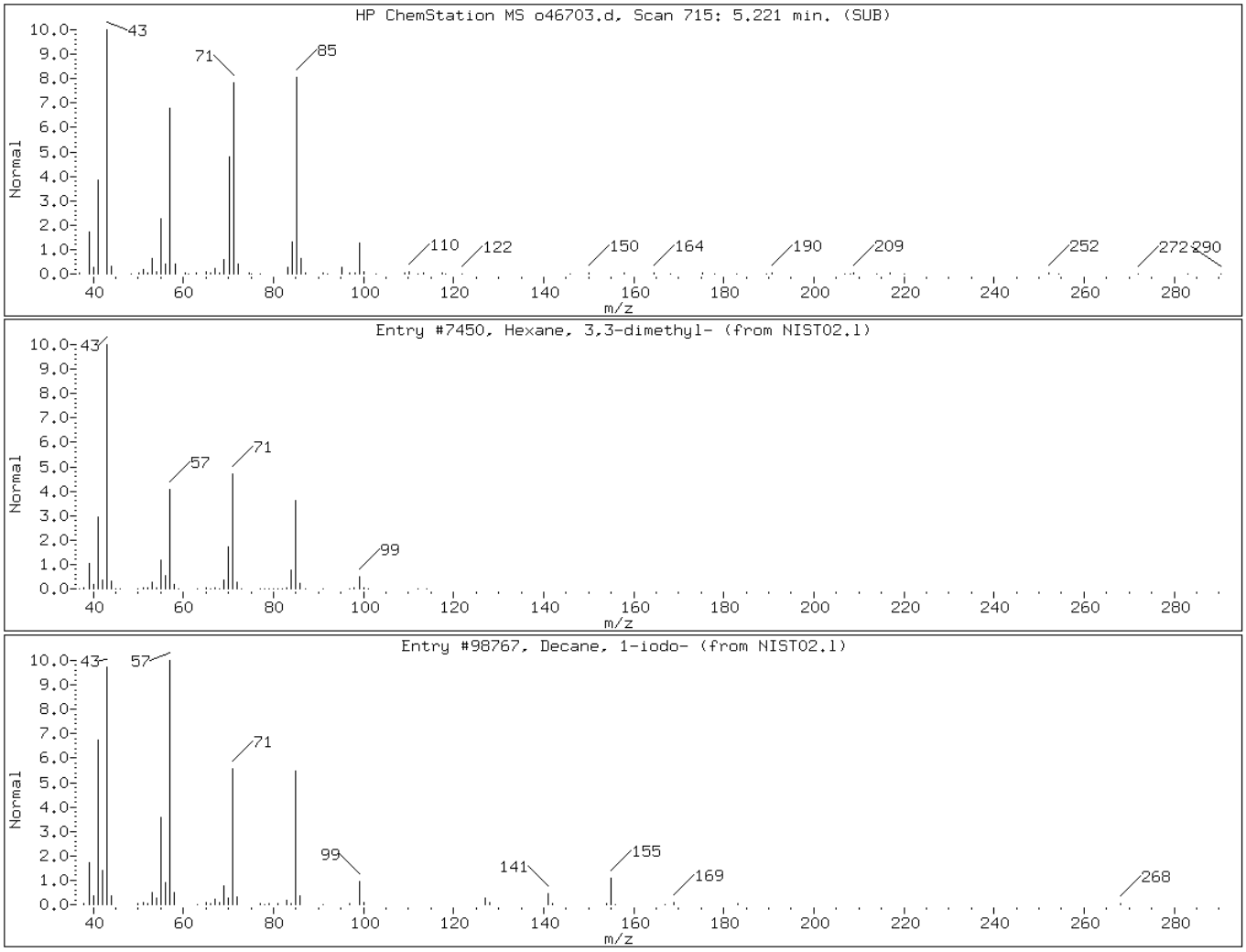
Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

Retention Time: 5.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C8H18 Alkane-1						
Hexane, 3,3-dimethyl-	563-16-6	NIST02.l	7450	64	C8H18	114
Decane, 1-iodo-	2050-77-3	NIST02.l	98767	59	C10H21I	268



Data File: o46703.d

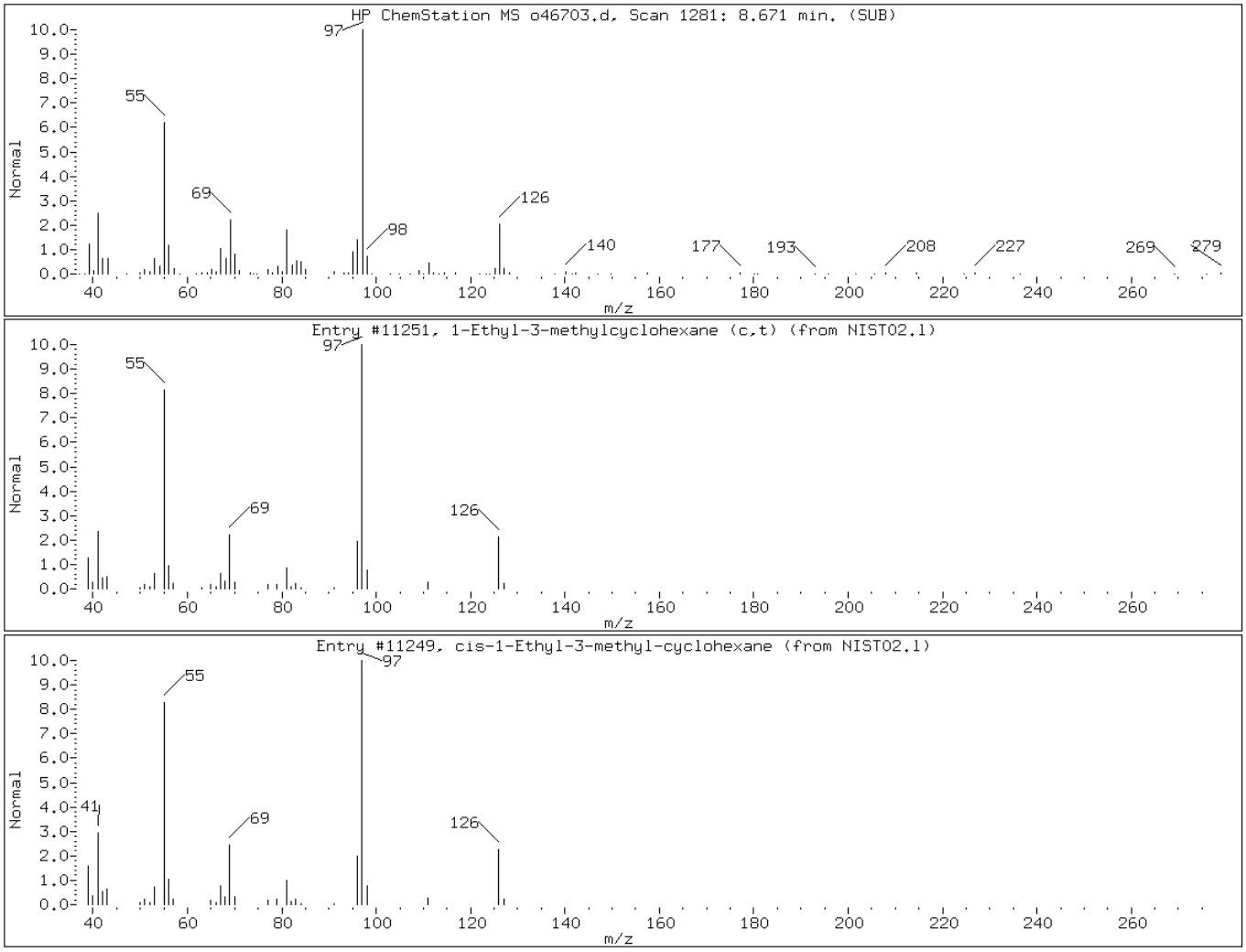
Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

Retention Time: 8.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H18 Cycloalkane						
1-Ethyl-3-methylcyclohexane (c,t)	3728-55-0	NIST02.l	11251	87	C9H18	126
cis-1-Ethyl-3-methyl-cyclohexane	19489-10-2	NIST02.l	11249	87	C9H18	126



Data File: o46703.d

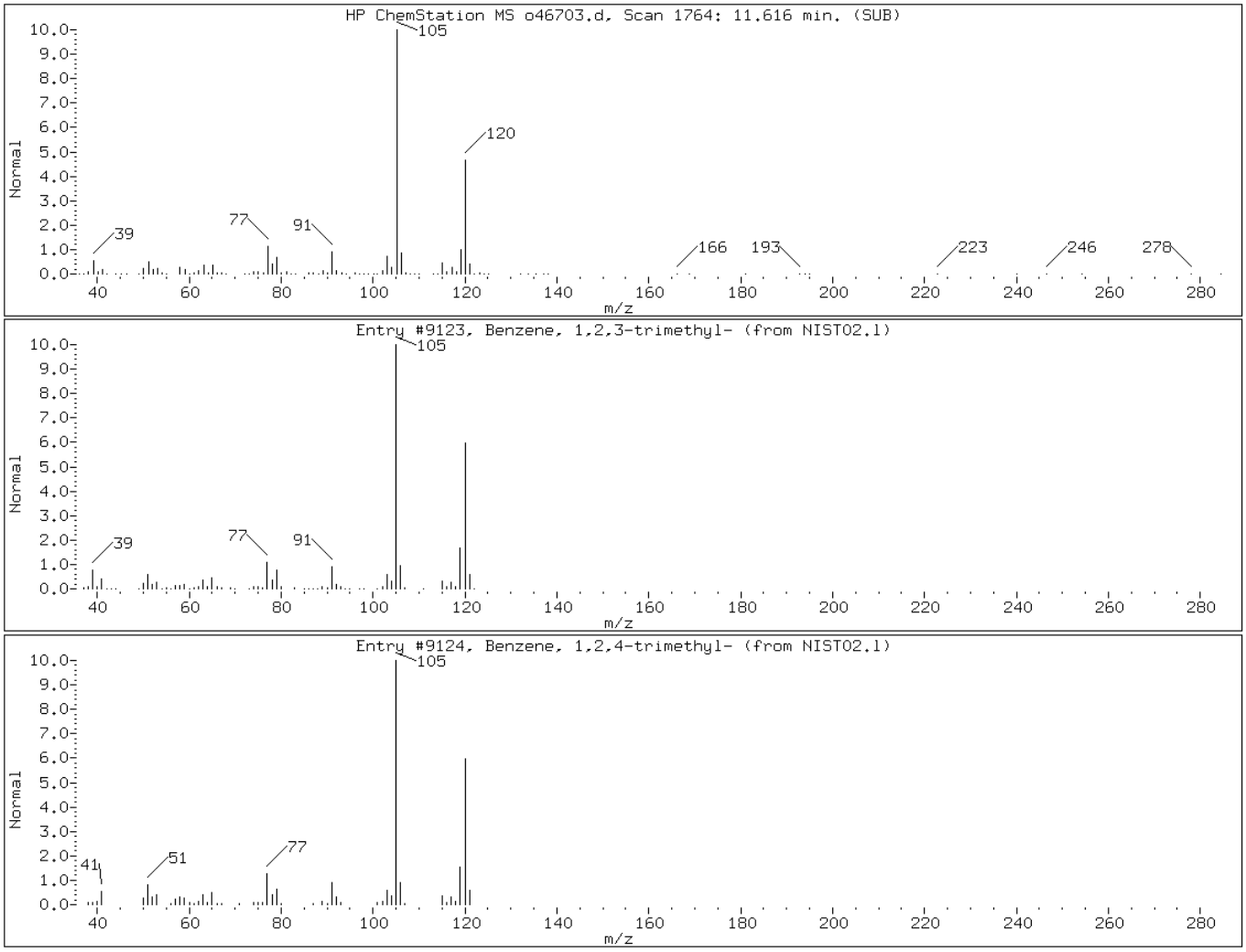
Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

Retention Time: 11.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	95	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9124	94	C9H12	120



Data File: o46703.d

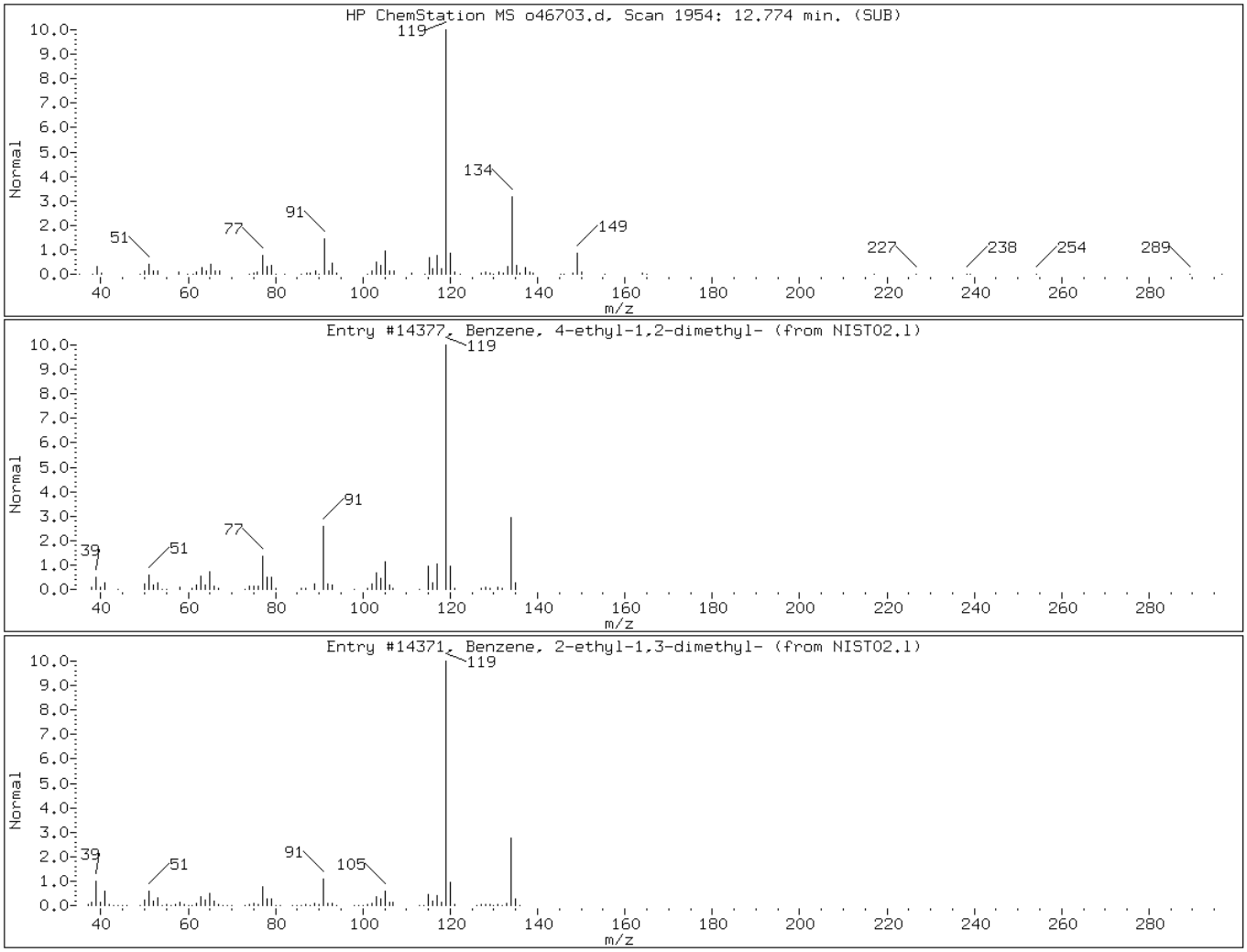
Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

Retention Time: 12.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14371	95	C10H14	134



Data File: o46703.d

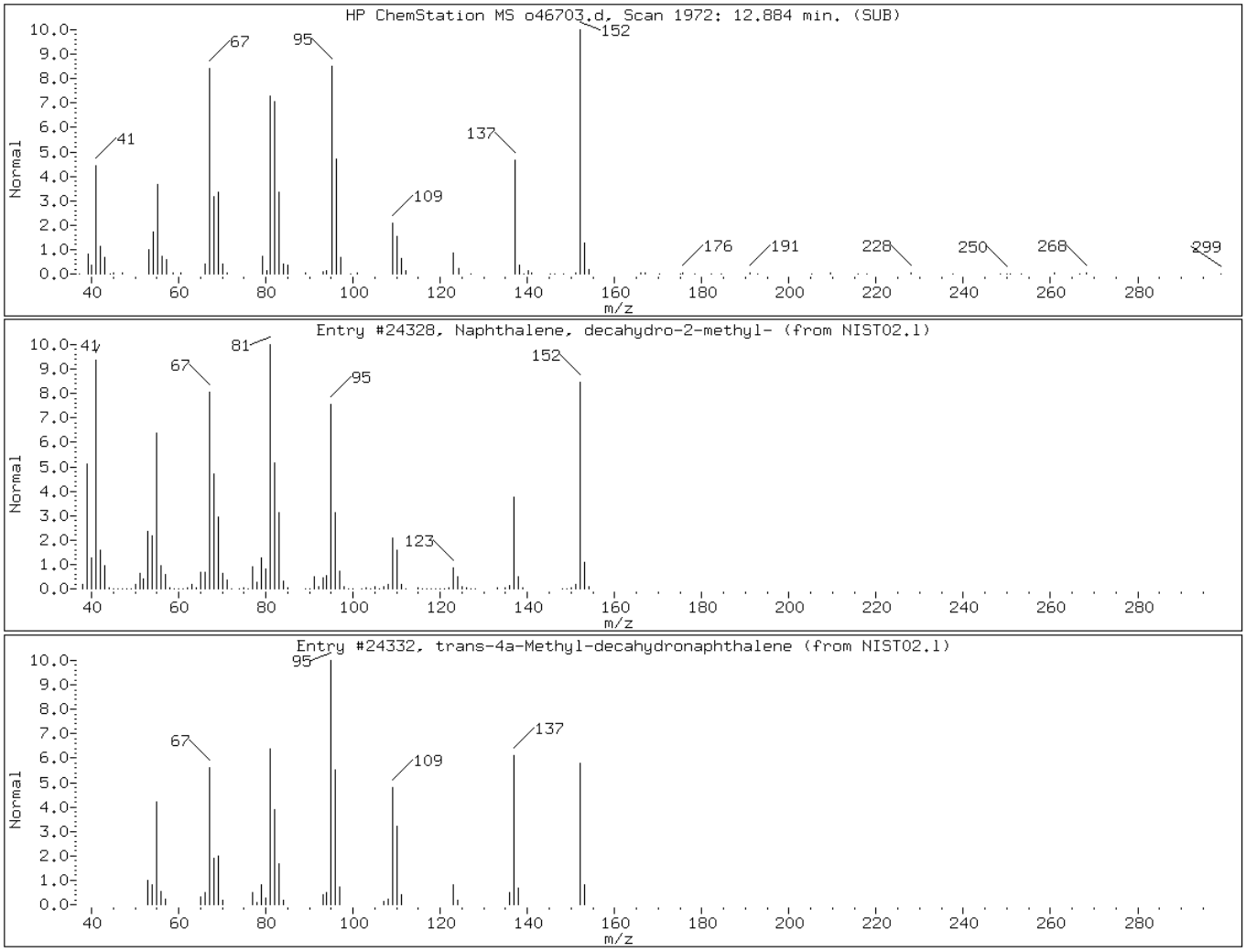
Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

Retention Time: 12.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	81	C11H20	152
trans-4a-Methyl-decahydronaphthale	2547-27-5	NIST02.l	24332	76	C11H20	152



Data File: o46703.d

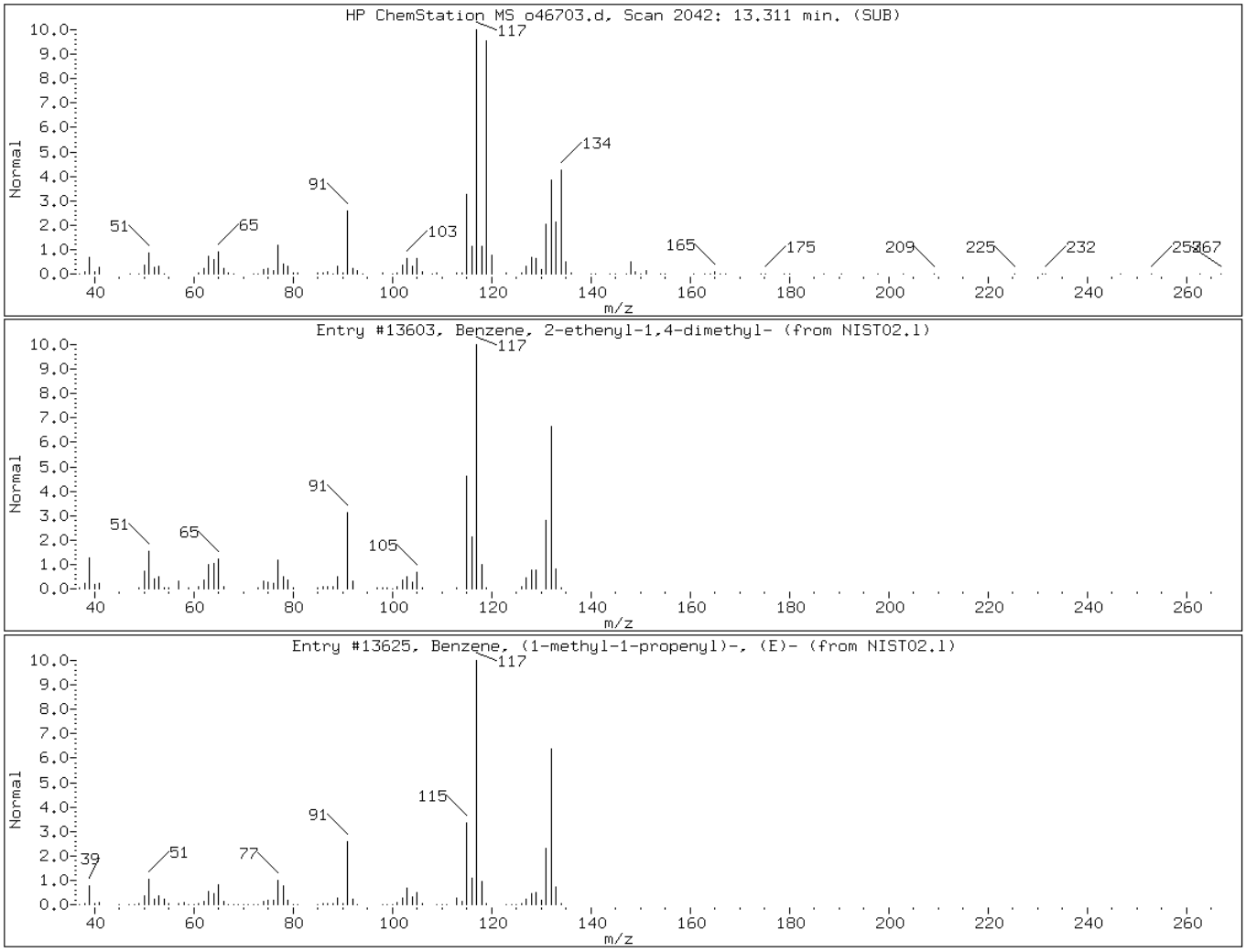
Date: 28-MAR-2011 20:44

Client ID: PMP-16-VD-E (3.5-4. Instrument: VOAMS12.i

Sample Info: 460-24277-E-15-A;;;8.88;5 Operator: VOAMS 9

Retention Time: 13.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	86	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	70	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-WT-E (8.0-8.5) | Lab Sample ID: 460-24277-16

Matrix: Solid | Lab File ID: j98633.d

Analysis Method: 8260B | Date Collected: 03/18/2011 09:25

Sample wt/vol: 6.02(g) | Date Analyzed: 03/24/2011 18:40

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.6 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	47	U	47	9.9
74-83-9	Bromomethane	47	U	47	15
75-01-4	Vinyl chloride	47	U	47	5.6
75-00-3	Chloroethane	47	U	47	21
75-09-2	Methylene Chloride	47	U	47	9.1
67-64-1	Acetone	470	U	470	120
75-15-0	Carbon disulfide	47	U	47	6.9
75-69-4	Trichlorofluoromethane	47	U	47	7.4
75-35-4	1,1-Dichloroethene	47	U	47	6.6
75-34-3	1,1-Dichloroethane	47	U	47	4.7
156-60-5	trans-1,2-Dichloroethene	47	U	47	6.5
156-59-2	cis-1,2-Dichloroethene	47	U	47	9.1
67-66-3	Chloroform	47	U	47	7.3
78-93-3	2-Butanone	470	U	470	39
107-06-2	1,2-Dichloroethane	47	U	47	12
71-55-6	1,1,1-Trichloroethane	47	U	47	12
56-23-5	Carbon tetrachloride	47	U	47	8.5
71-43-2	Benzene	37	J	47	5.6
75-25-2	Bromoform	47	U	47	4.7
100-42-5	Styrene	47	U	47	6.5
100-41-4	Ethylbenzene	3500		47	12
108-90-7	Chlorobenzene	47	U	47	7.8
110-82-7	Cyclohexane	2600		47	5.8
98-82-8	Isopropylbenzene	900		47	10
591-78-6	2-Hexanone	470	U	470	26
1634-04-4	MTBE	47	U	47	8.7
76-13-1	Freon TF	47	U	47	14
79-20-9	Methyl acetate	94	U	94	15
123-91-1	1,4-Dioxane	2300	U	2300	400
79-01-6	Trichloroethene	47	U	47	8.3
108-88-3	Toluene	47	U	47	4.4
10061-02-6	trans-1,3-Dichloropropene	47	U	47	5.7
108-10-1	4-Methyl-2-pentanone	470	U	470	32
10061-01-5	cis-1,3-Dichloropropene	47	U	47	4.8
95-50-1	1,2-Dichlorobenzene	85		47	7.6
541-73-1	1,3-Dichlorobenzene	46	J	47	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-WT-E (8.0-8.5) | Lab Sample ID: 460-24277-16

Matrix: Solid | Lab File ID: j98633.d

Analysis Method: 8260B | Date Collected: 03/18/2011 09:25

Sample wt/vol: 6.02(g) | Date Analyzed: 03/24/2011 18:40

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.6 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	320		47	7.1
120-82-1	1,2,4-Trichlorobenzene	450		47	20
87-61-6	1,2,3-Trichlorobenzene	170		47	39
78-87-5	1,2-Dichloropropane	47	U	47	4.1
108-87-2	Methylcyclohexane	1900		47	3.8
127-18-4	Tetrachloroethene	47	U	47	9.2
1330-20-7	Xylenes, Total	11000		140	20
96-12-8	1,2-Dibromo-3-Chloropropane	47	U	47	7.2
79-34-5	1,1,2,2-Tetrachloroethane	47	U	47	4.1
79-00-5	1,1,2-Trichloroethane	47	U	47	4.6
124-48-1	Dibromochloromethane	47	U	47	4.7
106-93-4	1,2-Dibromoethane	47	U	47	4.3
75-71-8	Dichlorodifluoromethane	47	U	47	13
74-97-5	Bromochloromethane	47	U	47	8.1
75-27-4	Bromodichloromethane	47	U	47	4.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		57-135
2037-26-5	Toluene-d8 (Surr)	74		46-130
460-00-4	Bromofluorobenzene	89		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-WT-E (8.0-8.5) Lab Sample ID: 460-24277-16

Matrix: Solid Lab File ID: j98633.d

Analysis Method: 8260B Date Collected: 03/18/2011 09:25

Sample wt/vol: 6.02(g) Date Analyzed: 03/24/2011 18:40

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.6 Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 105800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Ethylmethylbenzene isomer	12.88	22000	J
108-67-8	1,3,5-Trimethylbenzene	12.94	6900	
95-63-6	1,2,4-Trimethylbenzene	13.36	15000	
	Unknown Cycloalkane-1	13.62	8700	J
	Trimethylbenzene isomer	13.84	5800	J
	C10H14 Aromatic	14.10	13000	J
	C10H14 Aromatic-1	14.46	7200	J
	C10H14 Aromatic-2	14.56	6200	J
	Diethylmethylbenzene isomer	14.74	13000	J
	Unknown Aromatic	15.78	8000	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98633.d
Report Date: 25-Mar-2011 14:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98633.d
Lab Smp Id: 460-24277-B-16-A Client Smp ID: PMP-16-WT-E (8.0-8.
Inj Date : 24-MAR-2011 18:40
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-16-A;50;;6.02;5
Misc Info : 460-24277-B-16-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 18
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.02000	Weight of sample extracted (g)
M	11.59251	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	44 Cyclohexane	56	7.160	7.136	(0.907)	775756	54.4179	2600
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.490	7.474	(0.949)	392463	41.6843	2000
	48 Benzene	78	7.564	7.547	(0.666)	25172	0.78042	37(a)
*	52 Fluorobenzene	96	7.894	7.883	(1.000)	1485025	50.0000	
	166 2,4,4-Trimethylpentene	112	8.297	8.241	(1.051)	1610	0.74624	35(a)
	56 Methyl cyclohexane	83	8.572	8.560	(1.086)	436933	41.1807	1900
$	65 Toluene-d8 (SUR)	98	9.761	9.748	(0.860)	966146	36.9754	1700
*	78 Chlorobenzene-d5	117	11.350	11.346	(1.000)	1117499	50.0000	
	81 Ethylbenzene	106	11.470	11.465	(1.011)	787744	74.2163	3500
	82 m+p-Xylene	106	11.589	11.583	(1.021)	3354326	229.299	11000
	88 Isopropylbenzene	105	12.367	12.366	(1.090)	629335	19.2424	900
$	89 Bromofluorobenzene (SUR)	174	12.551	12.550	(0.910)	540243	44.5001	2100
	95 n-Propylbenzene	91	12.781	12.781	(0.927)	1933011	51.8090	2400
	97 1,3,5-Trimethylbenzene	105	12.945	12.946	(0.939)	3779328	147.905	6900

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98633.d
Report Date: 25-Mar-2011 14:45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	101 1,2,4-Trimethylbenzene	105	13.360	13.359	(0.969)	9021198	319.733	15000
	103 sec-Butylbenzene	105	13.544	13.552	(0.982)	1104797	31.2105	1500
	105 1,3-Dichlorobenzene	146	13.728	13.717	(0.995)	17746	0.98193	46(a)
	107 p-Isopropyltoluene	119	13.627	13.690	(0.988)	2396504	80.9814	3800
*	108 1,4-Dichlorobenzene-d4	152	13.791	13.789	(1.000)	639797	50.0000	
	109 1,4-Dichlorobenzene	146	13.818	13.815	(1.002)	156661	6.75868	320
	111 1,2-Dichlorobenzene	146	14.266	14.259	(1.034)	36541	1.81606	85
	114 1,2,4-Trichlorobenzene	180	16.411	16.417	(1.190)	117175	9.66165	450
	116 Naphthalene	128	16.862	16.868	(1.223)	507541	21.3248	1000
	117 1,2,3-Trichlorobenzene	180	17.294	17.287	(1.254)	33541	3.68995	170
M	121 Xylene (Total)	100				3354326	229.299	11000

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98633.d
Report Date: 25-Mar-2011 14:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98633.d
Lab Smp Id: 460-24277-B-16-A Client Smp ID: PMP-16-WT-E (8.0-8.
Inj Date : 24-MAR-2011 18:40
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-16-A;50;;6.02;5
Misc Info : 460-24277-B-16-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 18
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.02000	Weight of sample extracted (g)
M	11.59251	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Fluorobenzene	7.894	3731296	50.000
* 78 Chlorobenzene-d5	11.350	4001239	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C8H18 Alkane					CAS #:		
9.045	4608999	61.7613536	2900	0		0	52
C9H20 Alkane					CAS #:		
9.219	9198355	123.259486	5800	0		0	52

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98633.d
Report Date: 25-Mar-2011 14:45

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane					CAS #:		
9.412	5520560	73.9764292	3500	0		0	52
C9H20 Alkane-1					CAS #:		
11.013	6558501	81.9558602	3800	0		0	78
C9H20 Alkane-2					CAS #:		
11.139	4330901	54.1194827	2500	0		0	78
Unknown Cycloalkane					CAS #:		
12.212	5783196	72.2675528	3400	0		0	78
Ethylmethylbenzene isomer					CAS #:		
12.883	36645115	457.921990	22000	0		0	78(L)
Unknown Cycloalkane-1					CAS #:		
13.617	14796466	184.898506	8700	0		0	78(L)
Trimethylbenzene isomer					CAS #:		
13.837	9893481	123.630194	5800	0		0	78(L)
Methylpropylbenzene isomer					CAS #:		
14.039	8678696	108.450085	5100	0		0	78
C10H14 Aromatic					CAS #:		
14.104	22159004	276.901719	13000	0		0	78
Methylpropylbenzene isomer-1					CAS #:		
14.356	5307948	66.3287903	3100	0		0	78
C10H14 Aromatic-1					CAS #:		
14.465	12310361	153.831829	7200	0		0	78
C10H14 Aromatic-2					CAS #:		
14.565	10527798	131.556699	6200	0		0	78
Diethylmethylbenzene isomer					CAS #:		
14.739	21467787	268.264182	13000	0		0	78
Unknown					CAS #:		
14.973	7018566	87.7048943	4100	0		0	78
Decahydromethylnaphthalene isomer					CAS #:		
15.257	9282666	115.997367	5400	0		0	78

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98633.d
Report Date: 25-Mar-2011 14:45

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Aromatic					CAS #:		
15.778	13583272	169.738290	8000	0		0	78
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
16.237	6530580	81.6069580	3800	0		0	78

QC Flag Legend

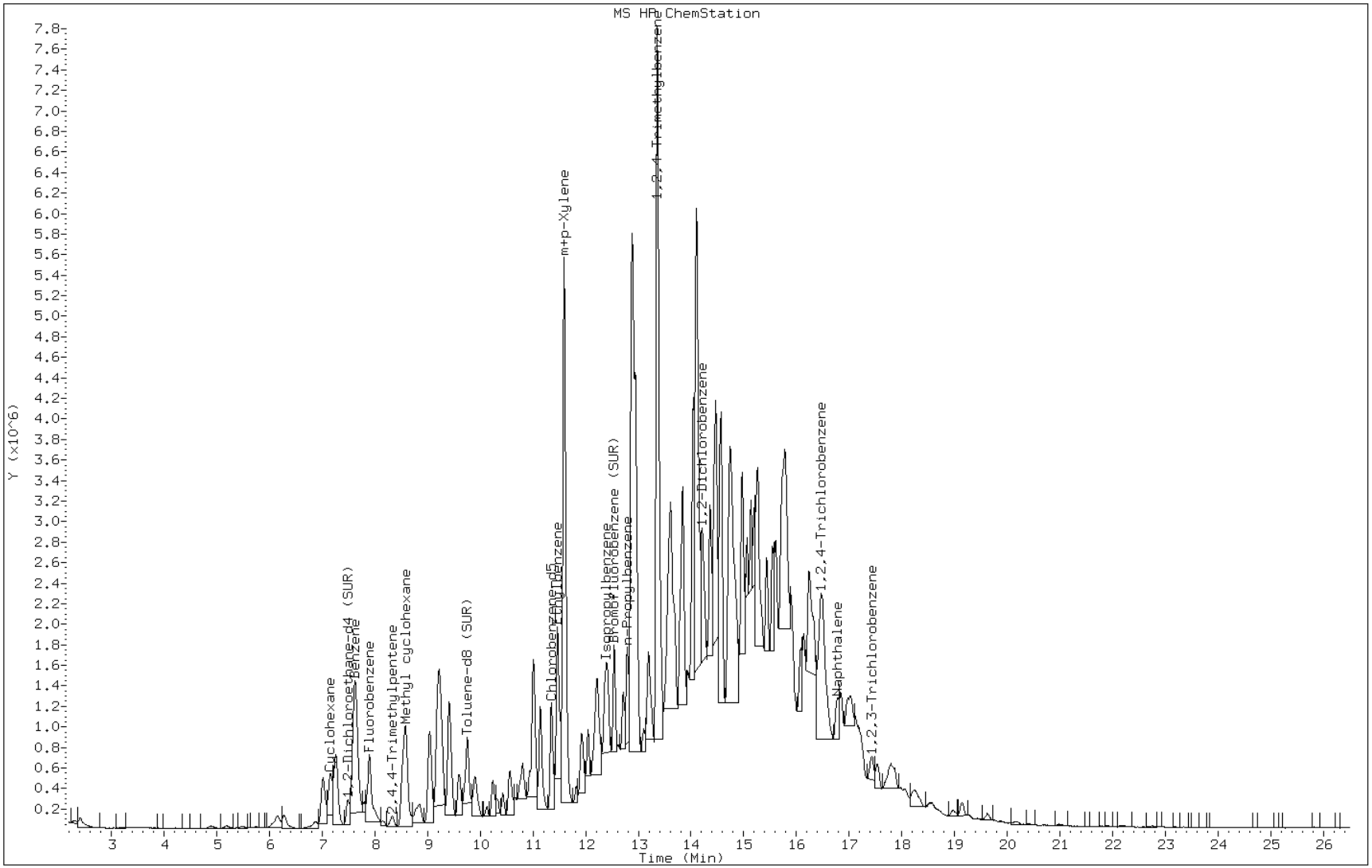
L - Operator selected an alternate library search match.

Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:



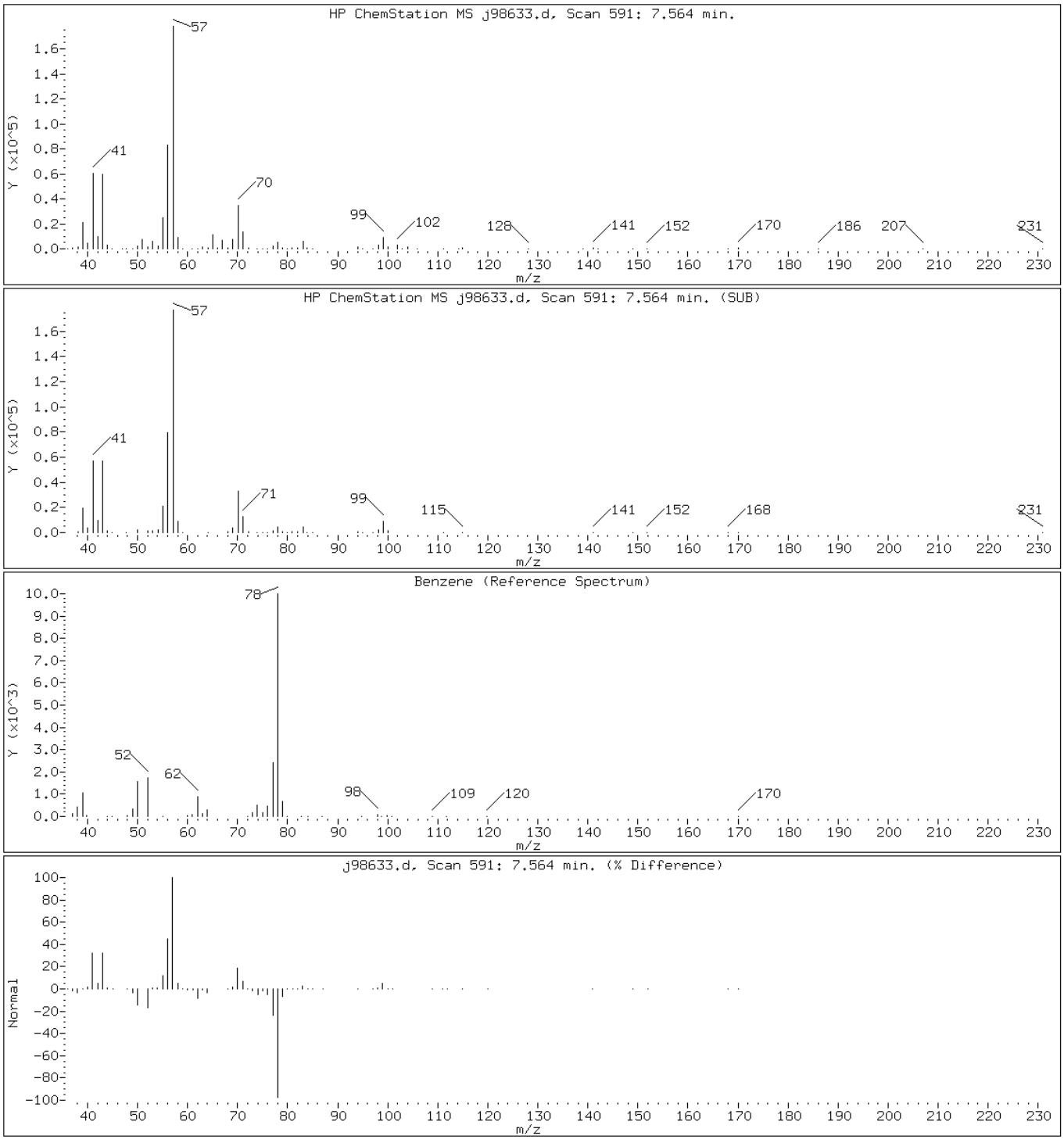
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

48 Benzene



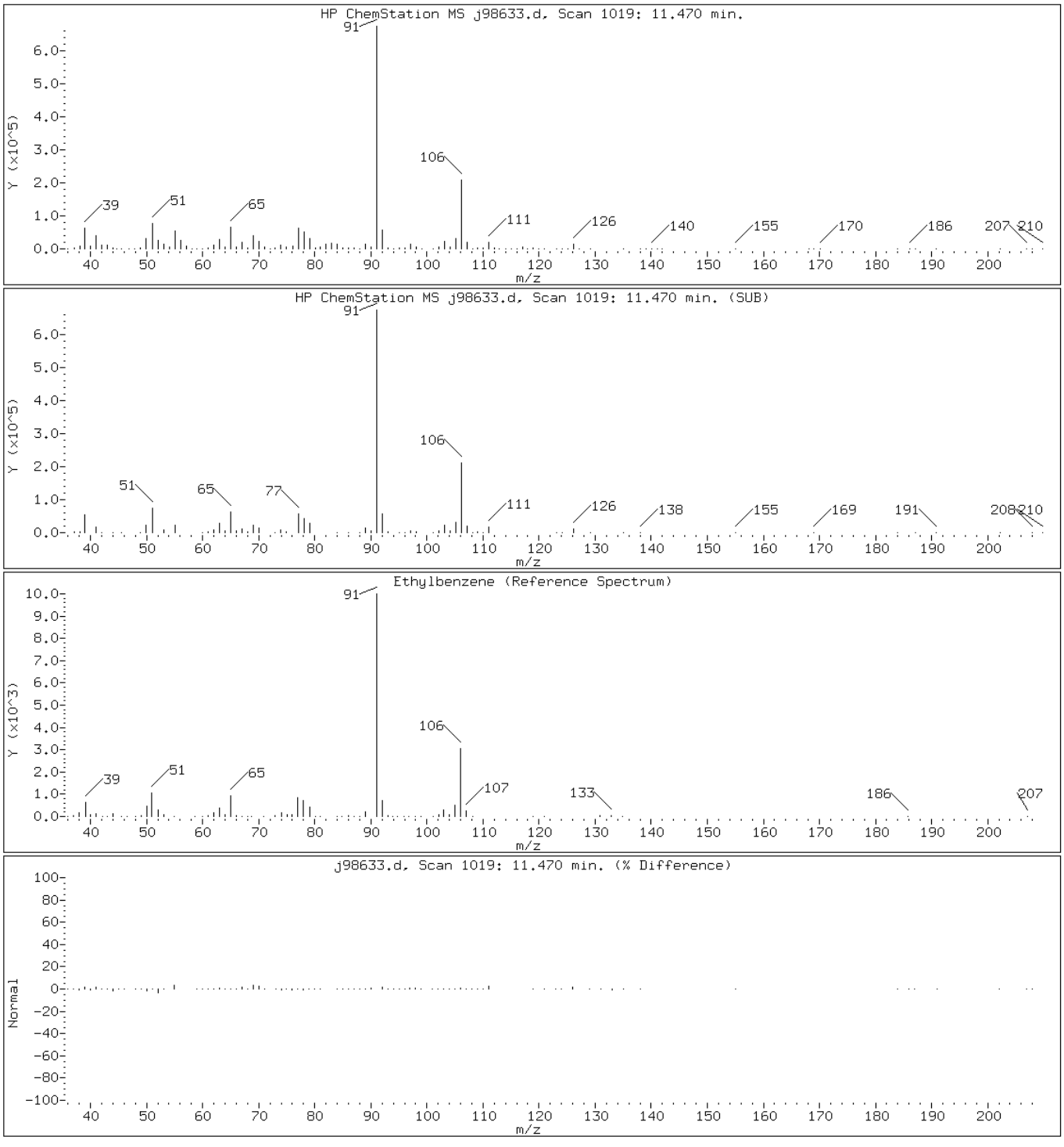
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

81 Ethylbenzene



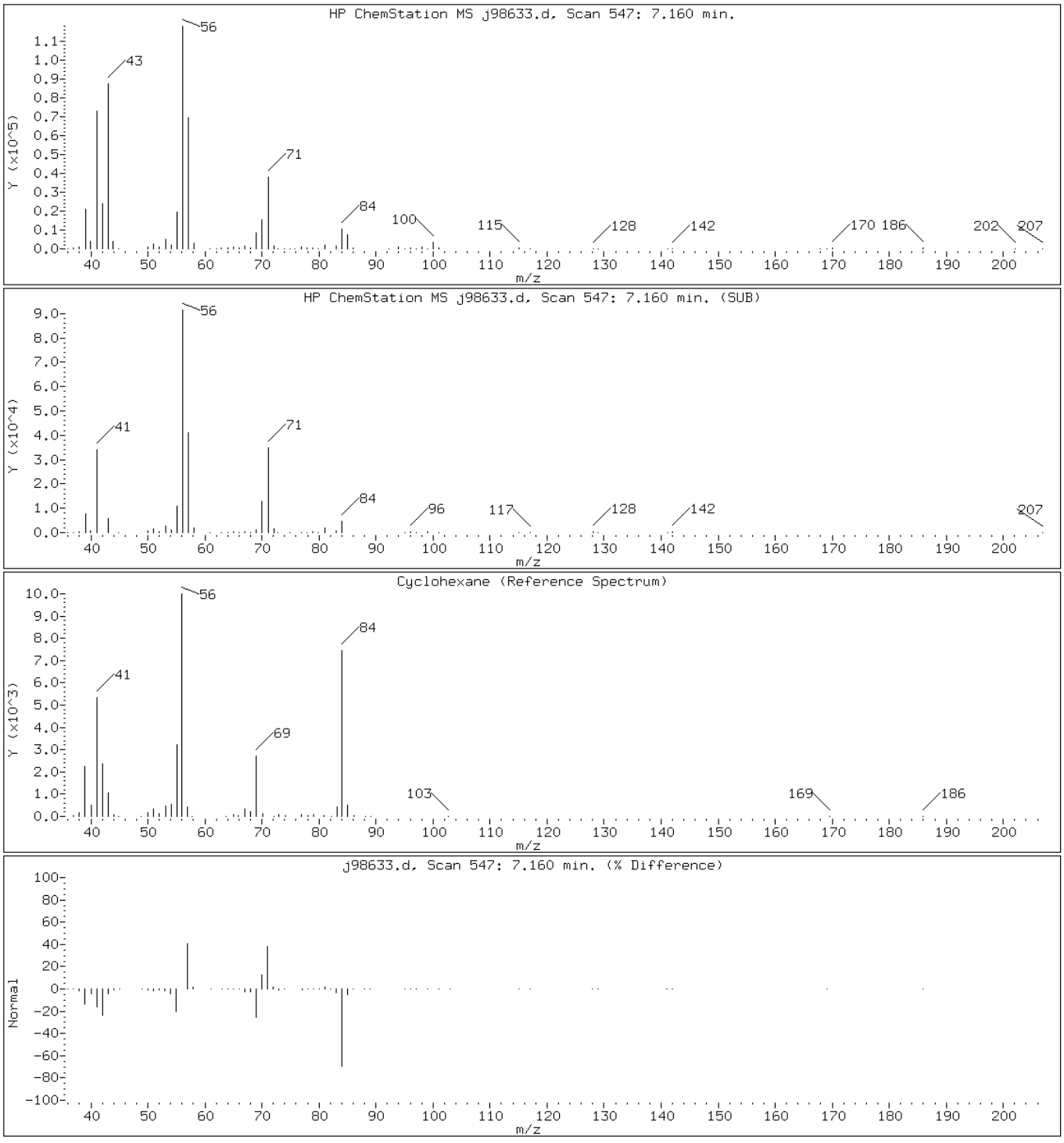
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

44 Cyclohexane



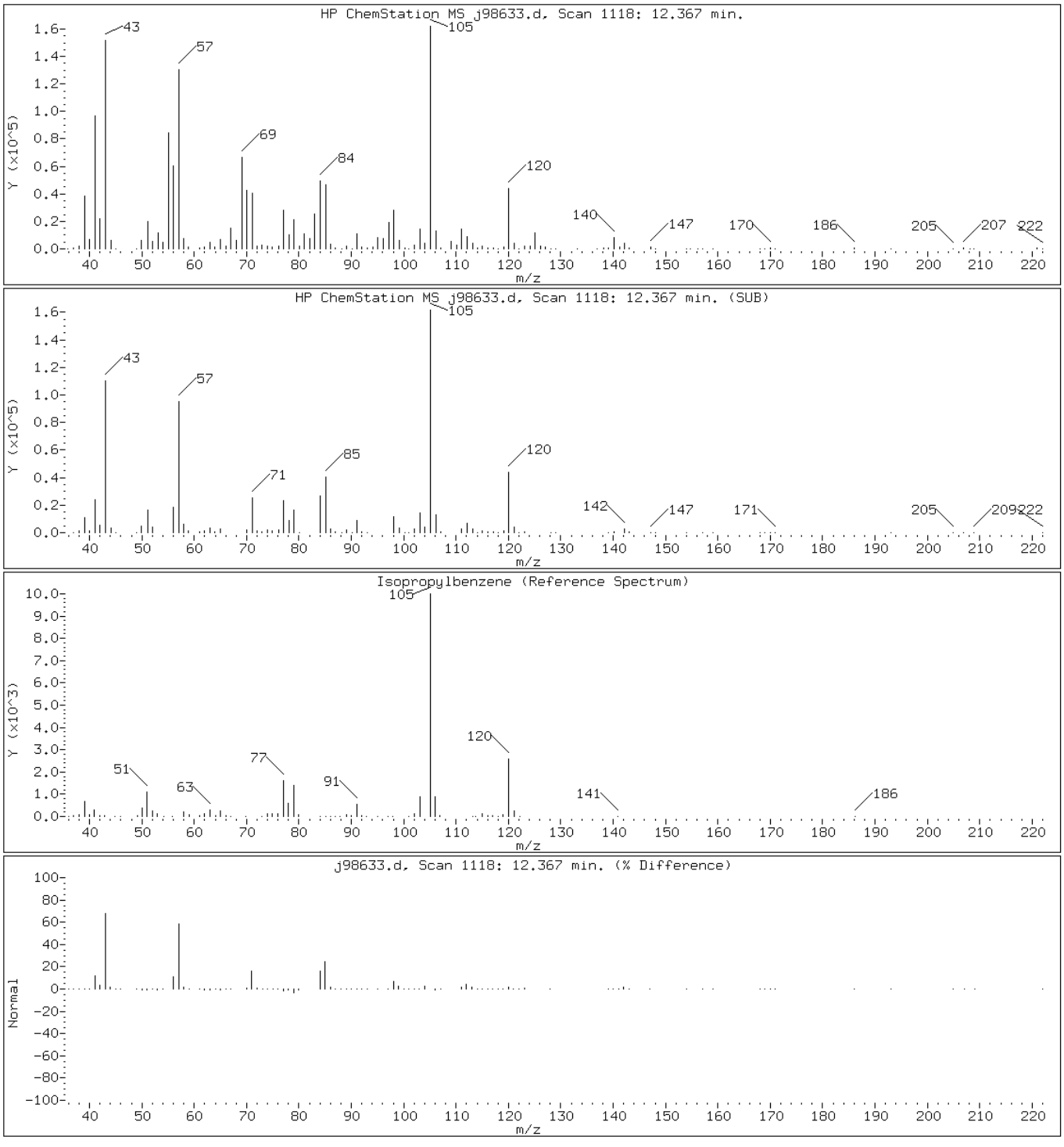
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

88 Isopropylbenzene



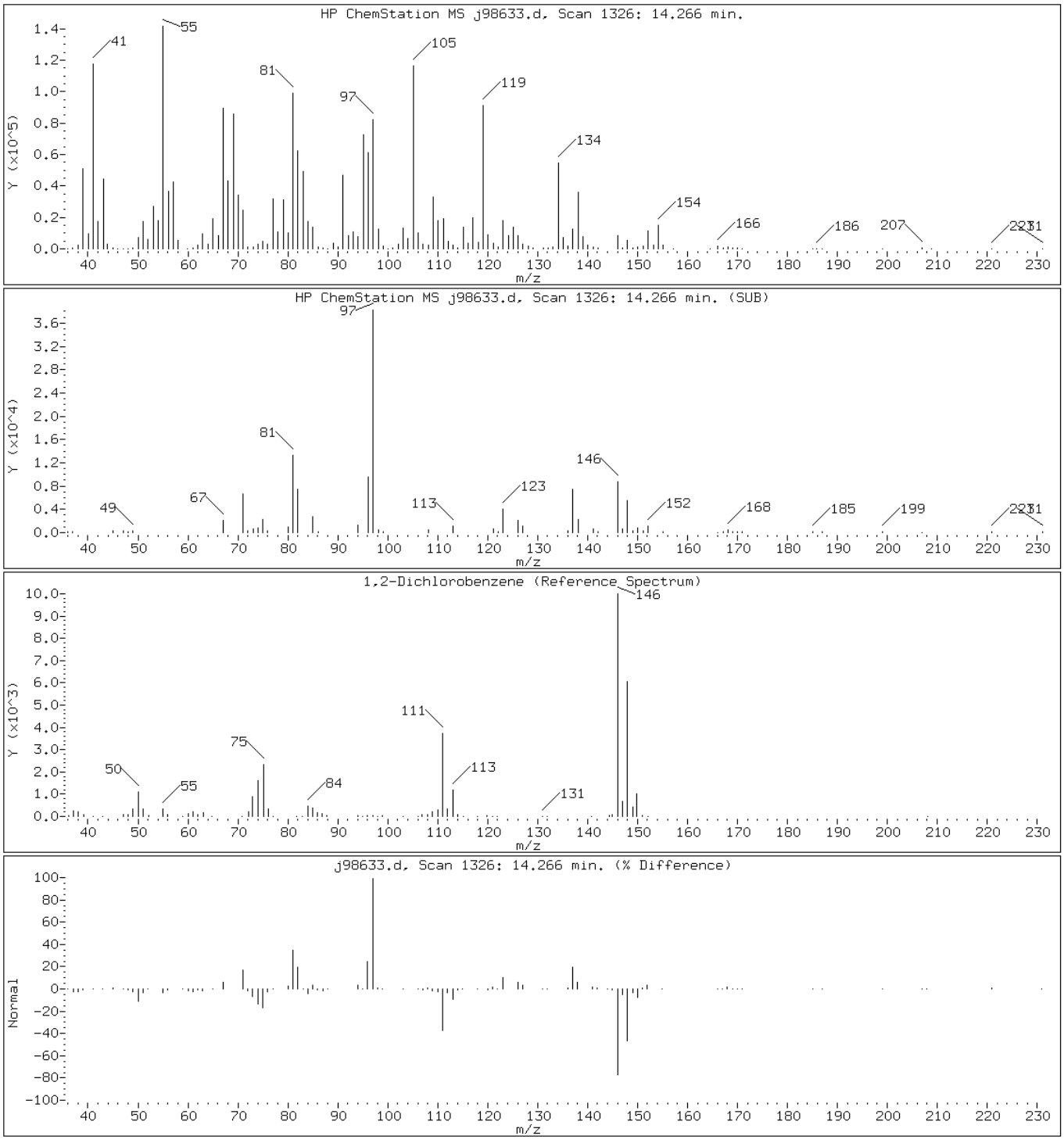
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

111 1,2-Dichlorobenzene



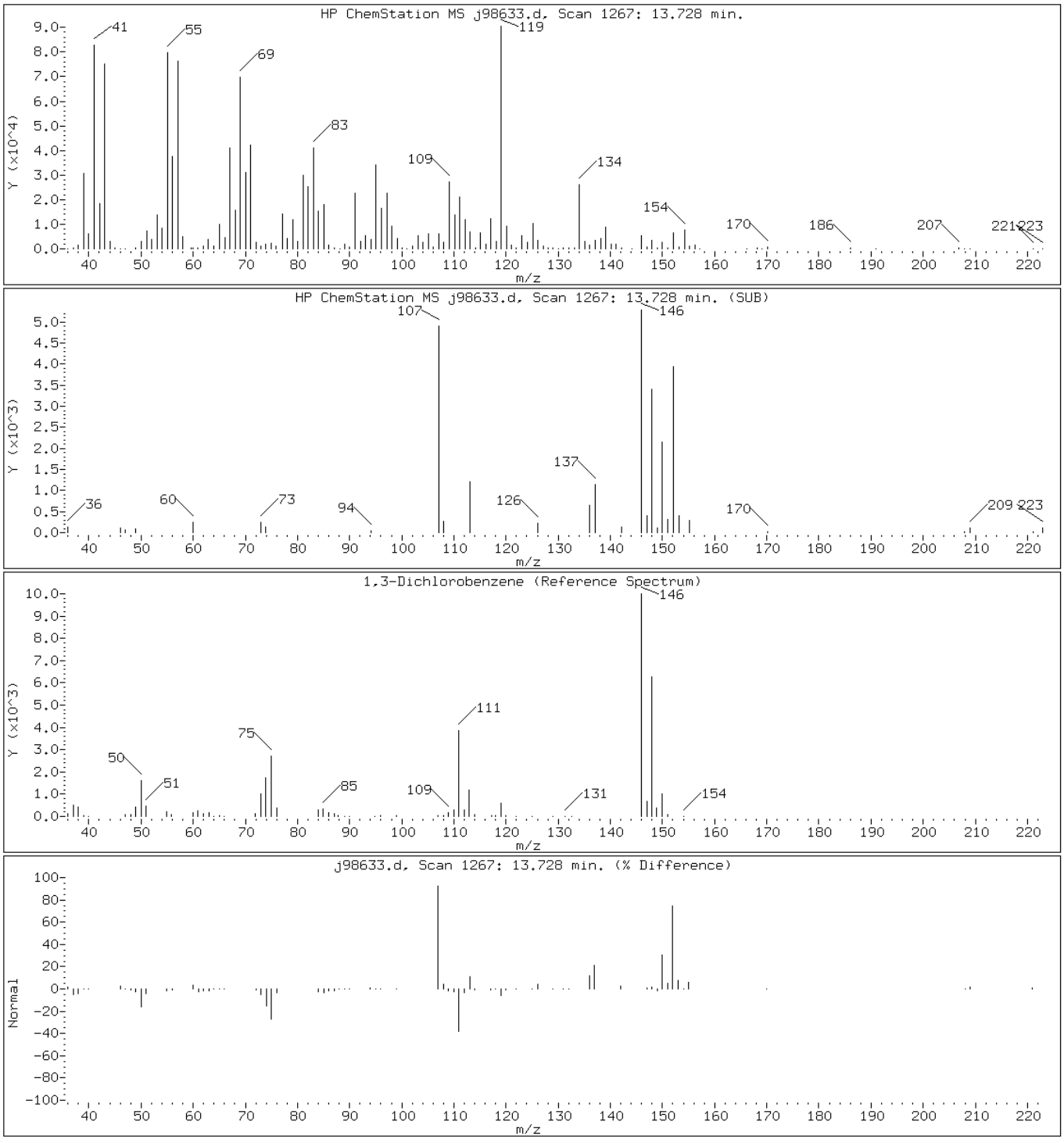
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

105 1,3-Dichlorobenzene



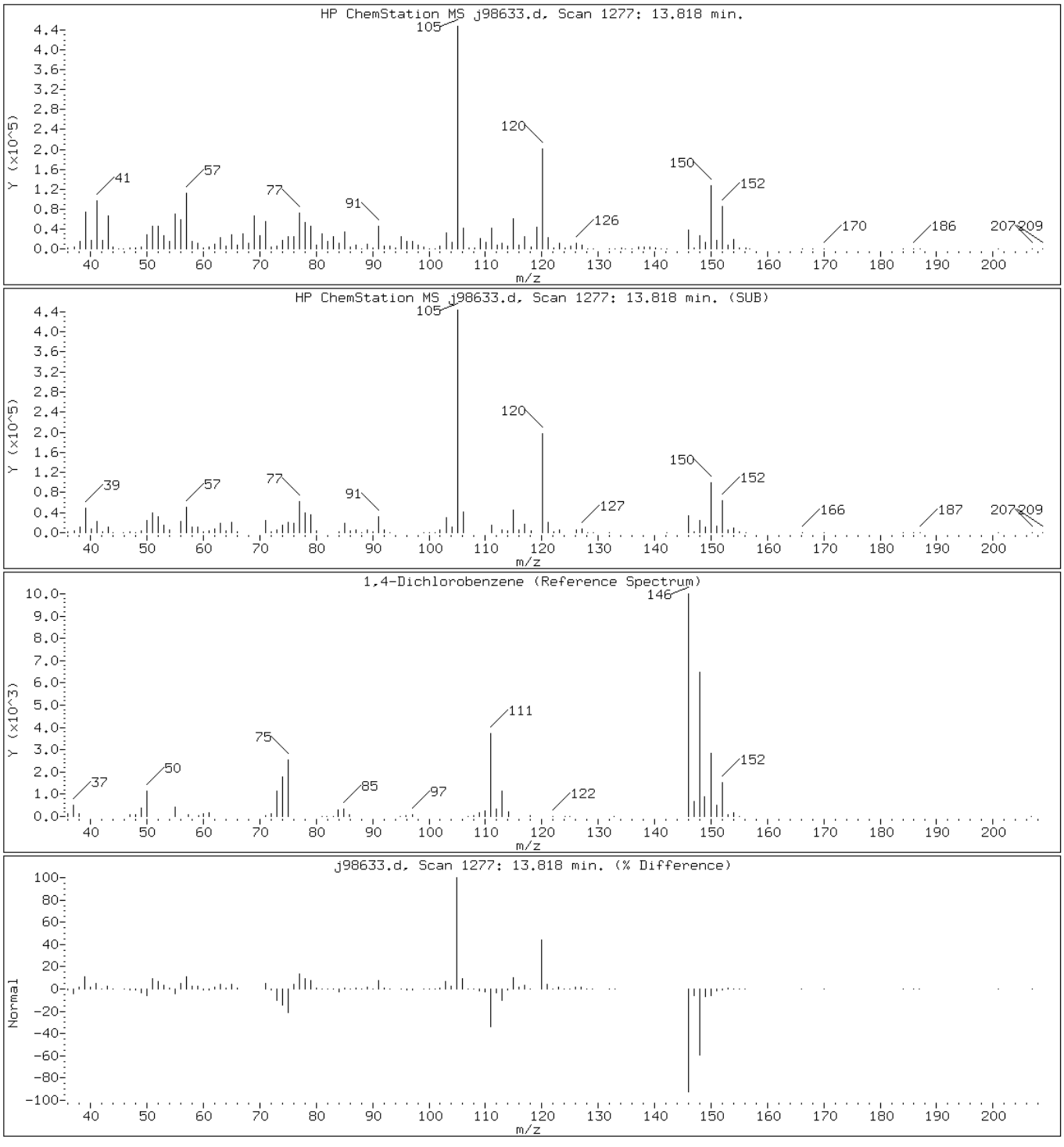
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

109 1,4-Dichlorobenzene



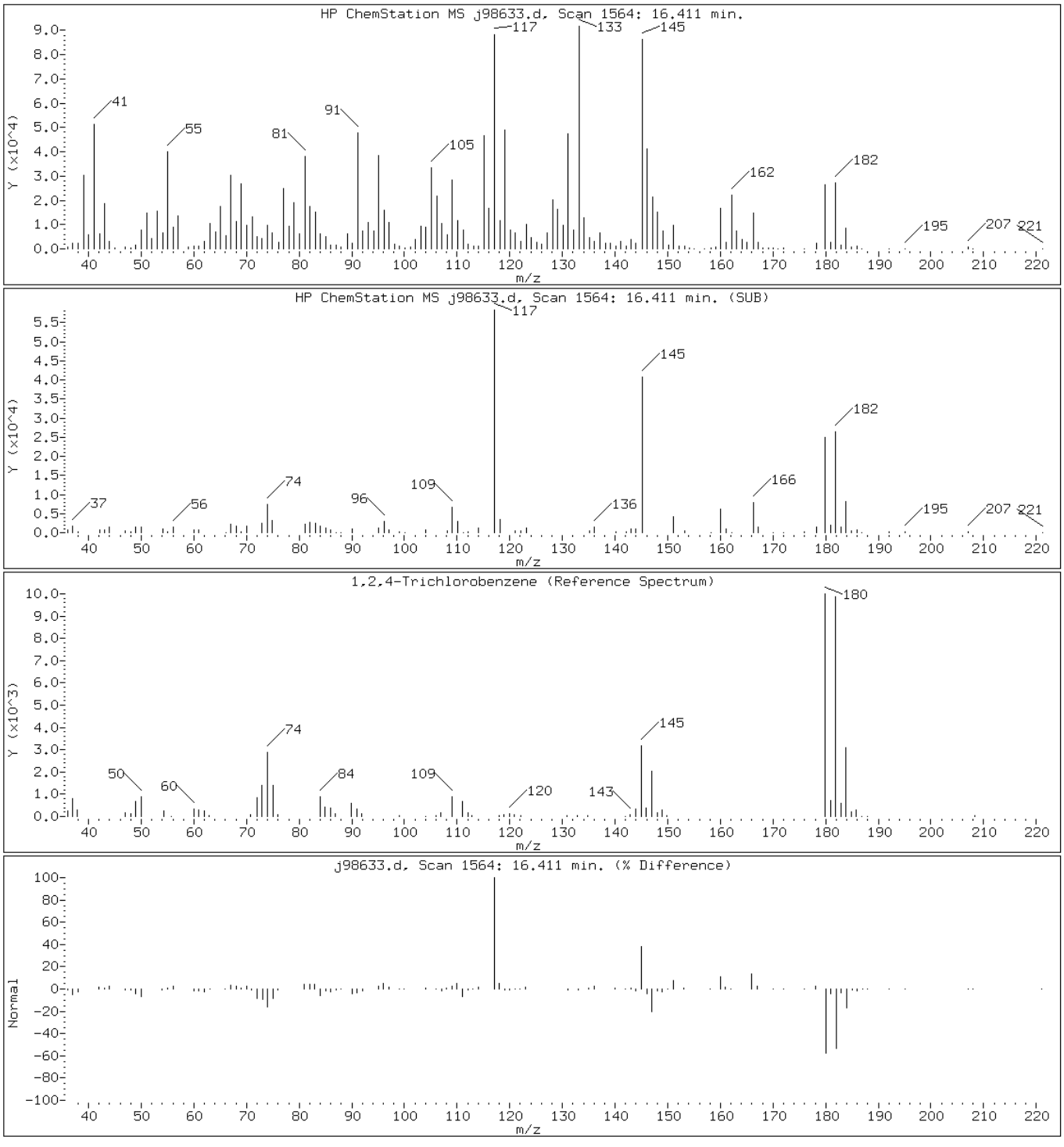
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

114 1,2,4-Trichlorobenzene



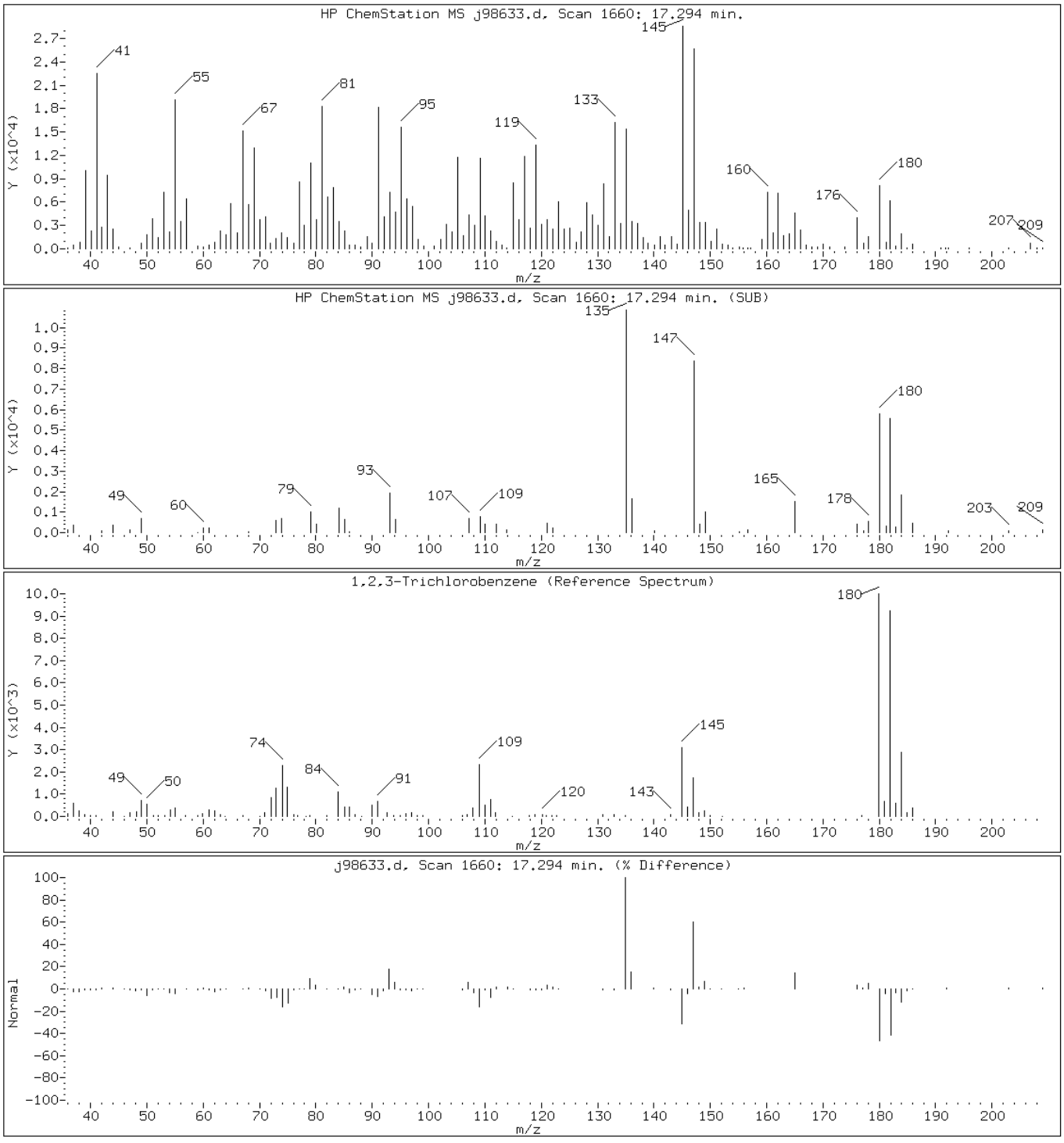
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

117 1,2,3-Trichlorobenzene



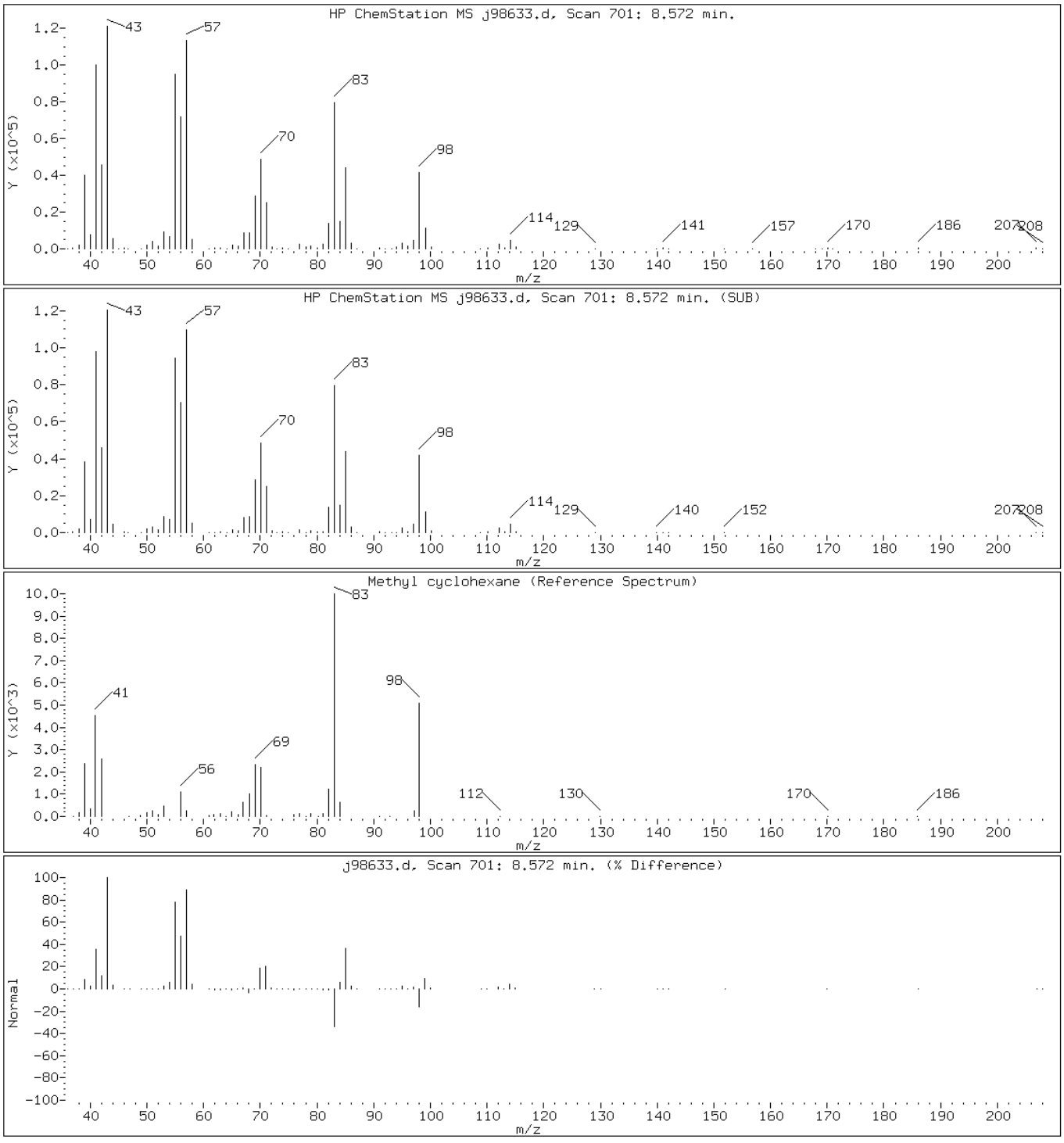
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

56 Methyl cyclohexane



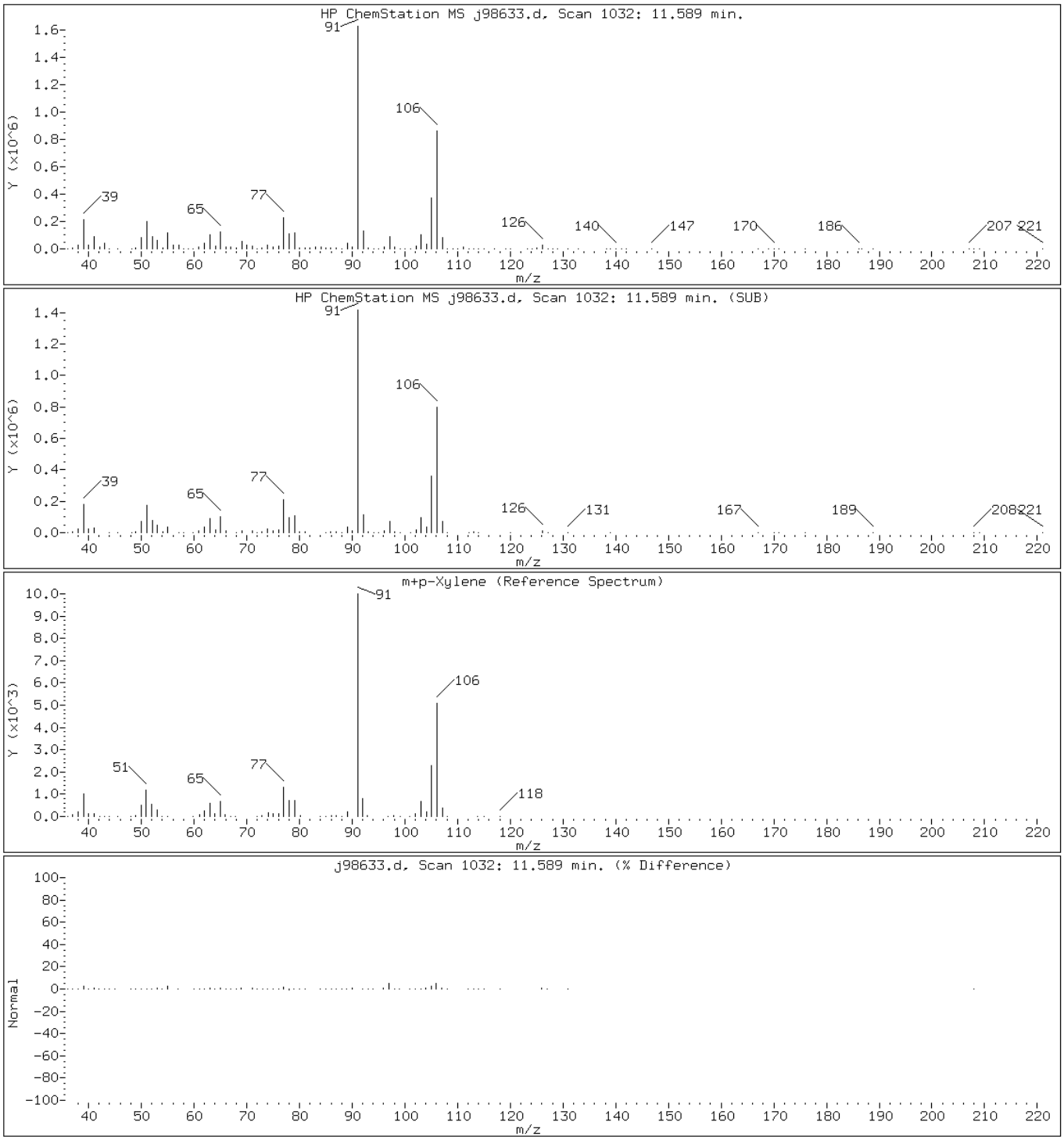
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

82 m+p-Xylene



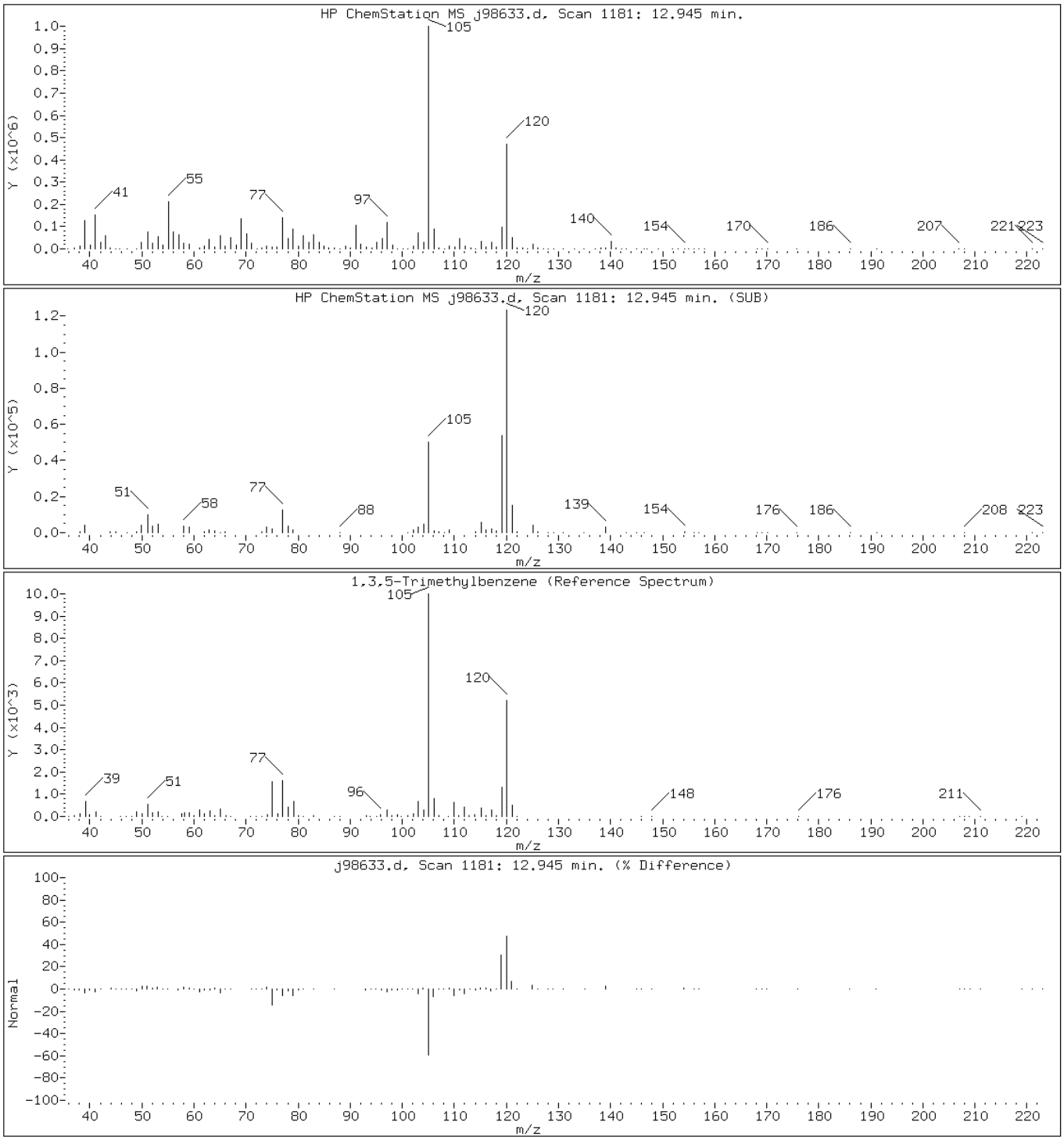
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

97 1,3,5-Trimethylbenzene



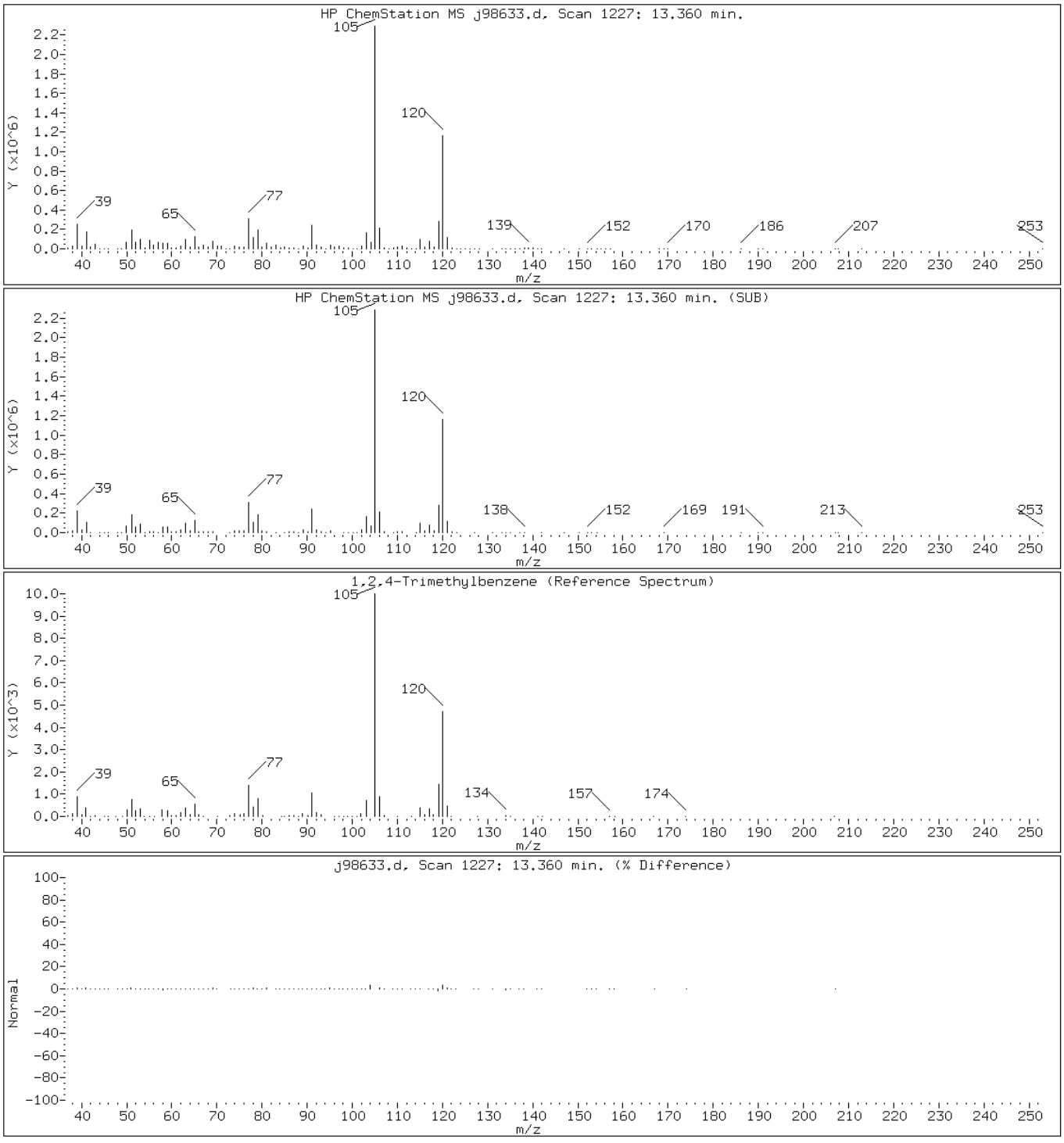
Data File: j98633.d

Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

101 1,2,4-Trimethylbenzene



Data File: j98633.d

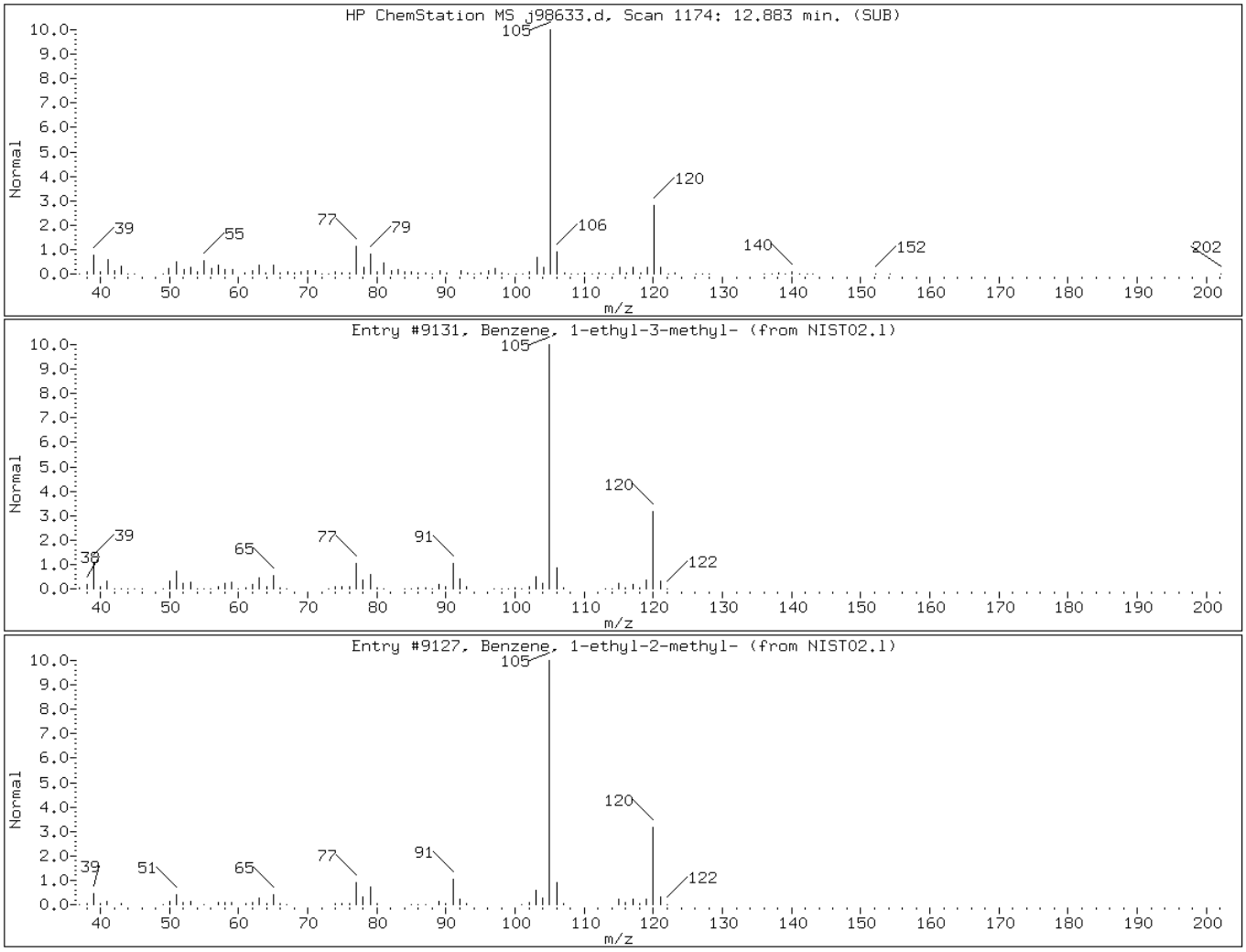
Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

Retention Time: 12.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9131	91	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9127	91	C9H12	120



Data File: j98633.d

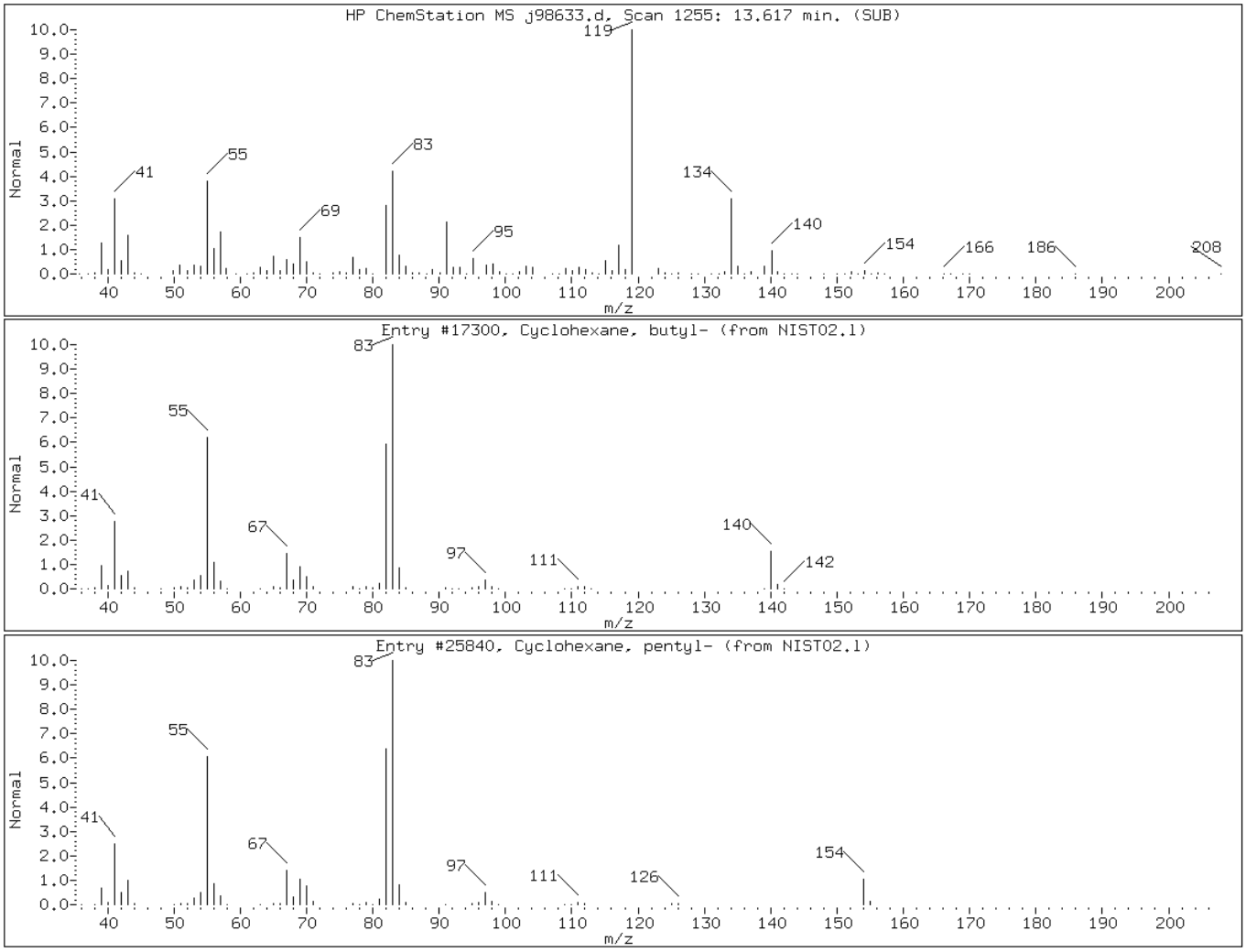
Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

Retention Time: 13.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-1						
Cyclohexane, butyl-	1678-93-9	NIST02.l	17300	60	C10H20	140
Cyclohexane, pentyl-	4292-92-6	NIST02.l	25840	45	C11H22	154



Data File: j98633.d

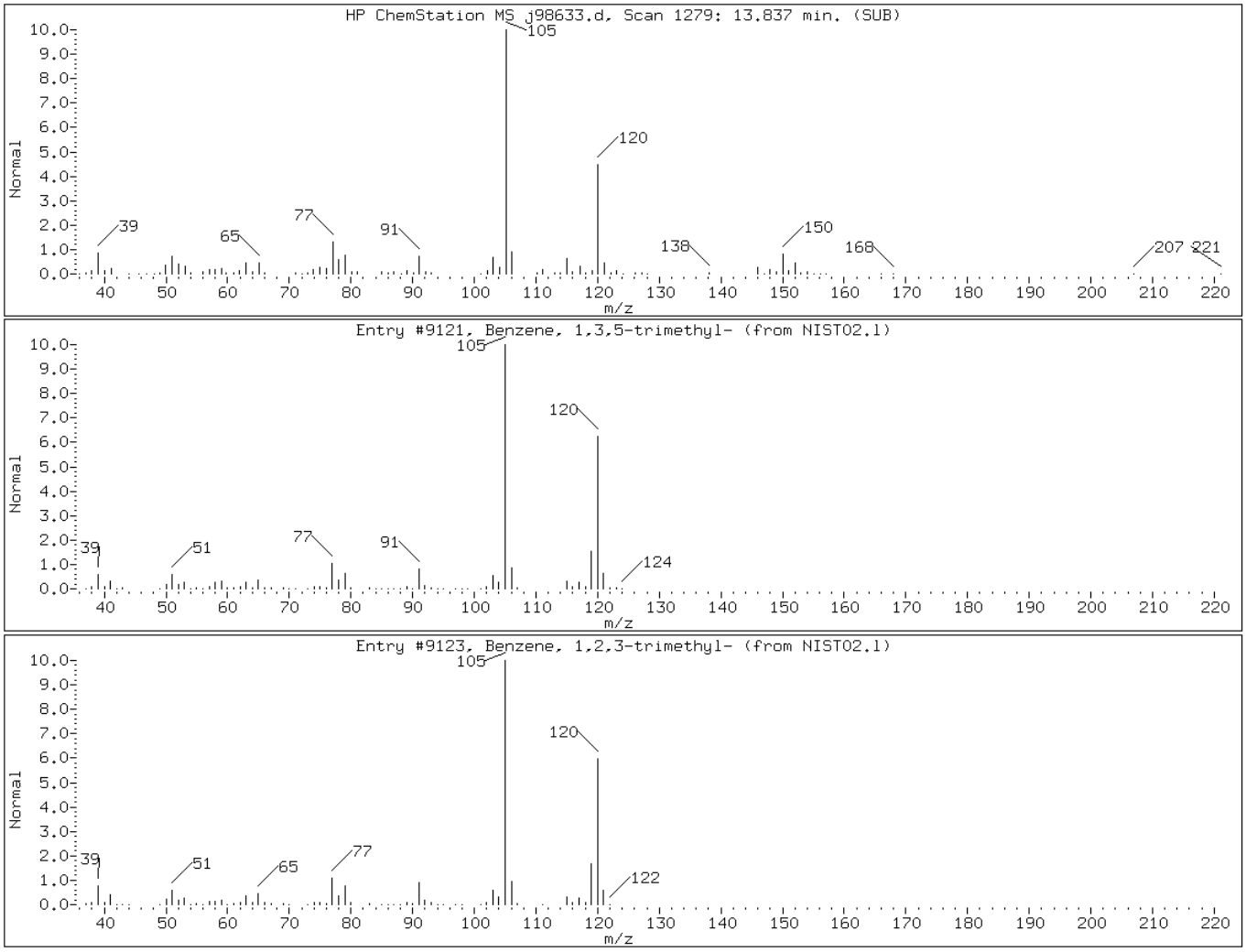
Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

Retention Time: 13.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9121	93	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	87	C9H12	120



Data File: j98633.d

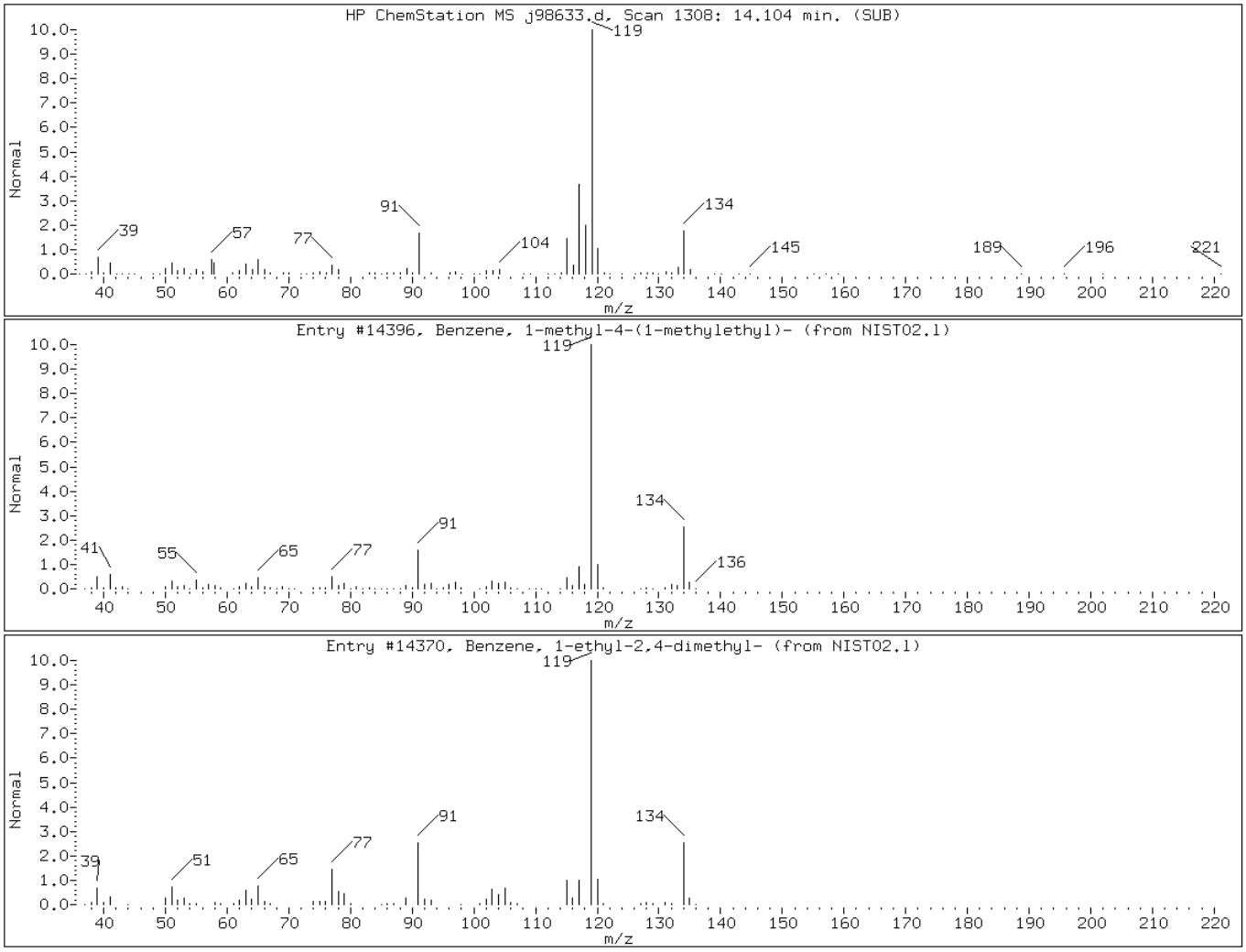
Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

Retention Time: 14.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14396	64	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	64	C10H14	134



Data File: j98633.d

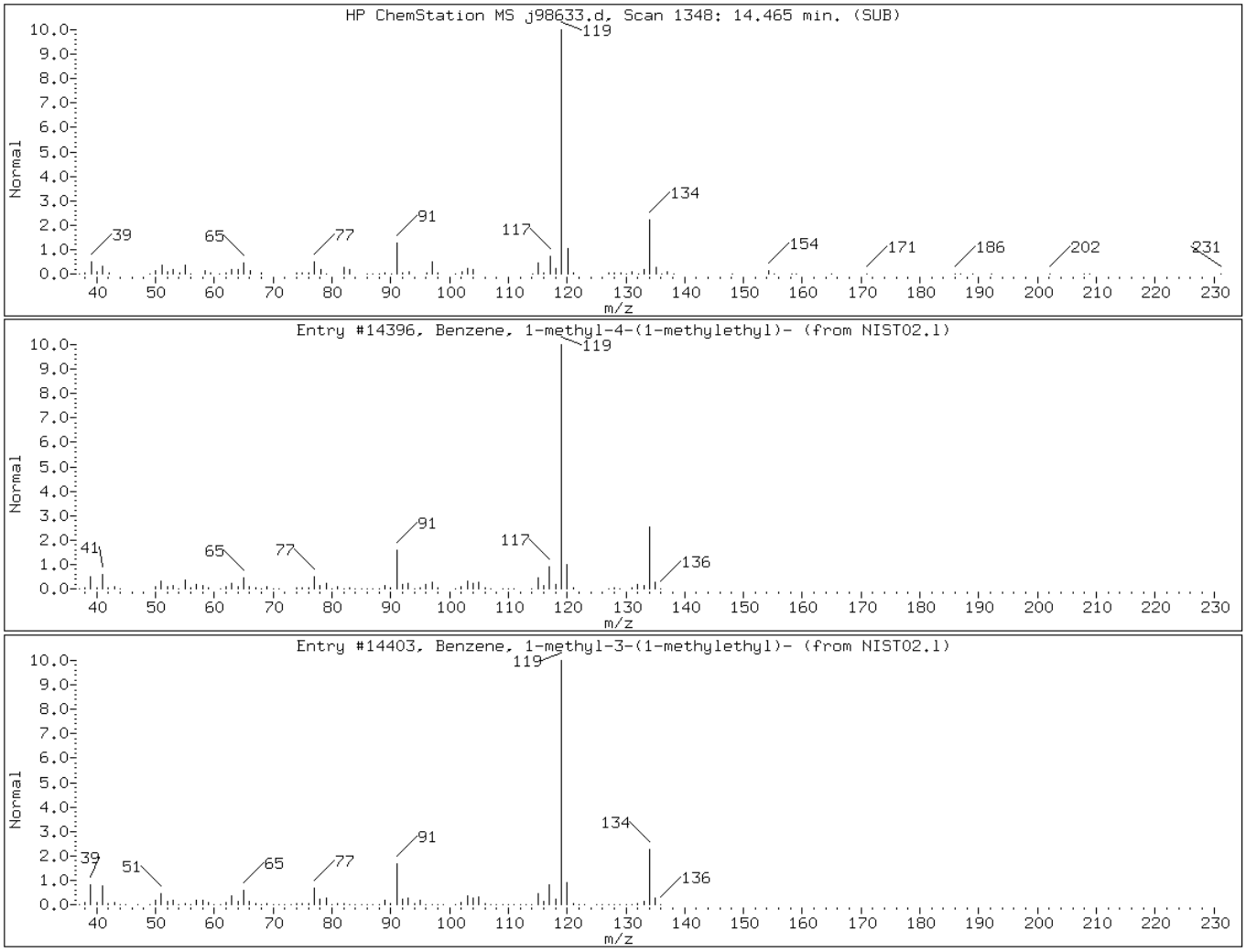
Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

Retention Time: 14.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-1						
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14396	91	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14403	91	C10H14	134



Data File: j98633.d

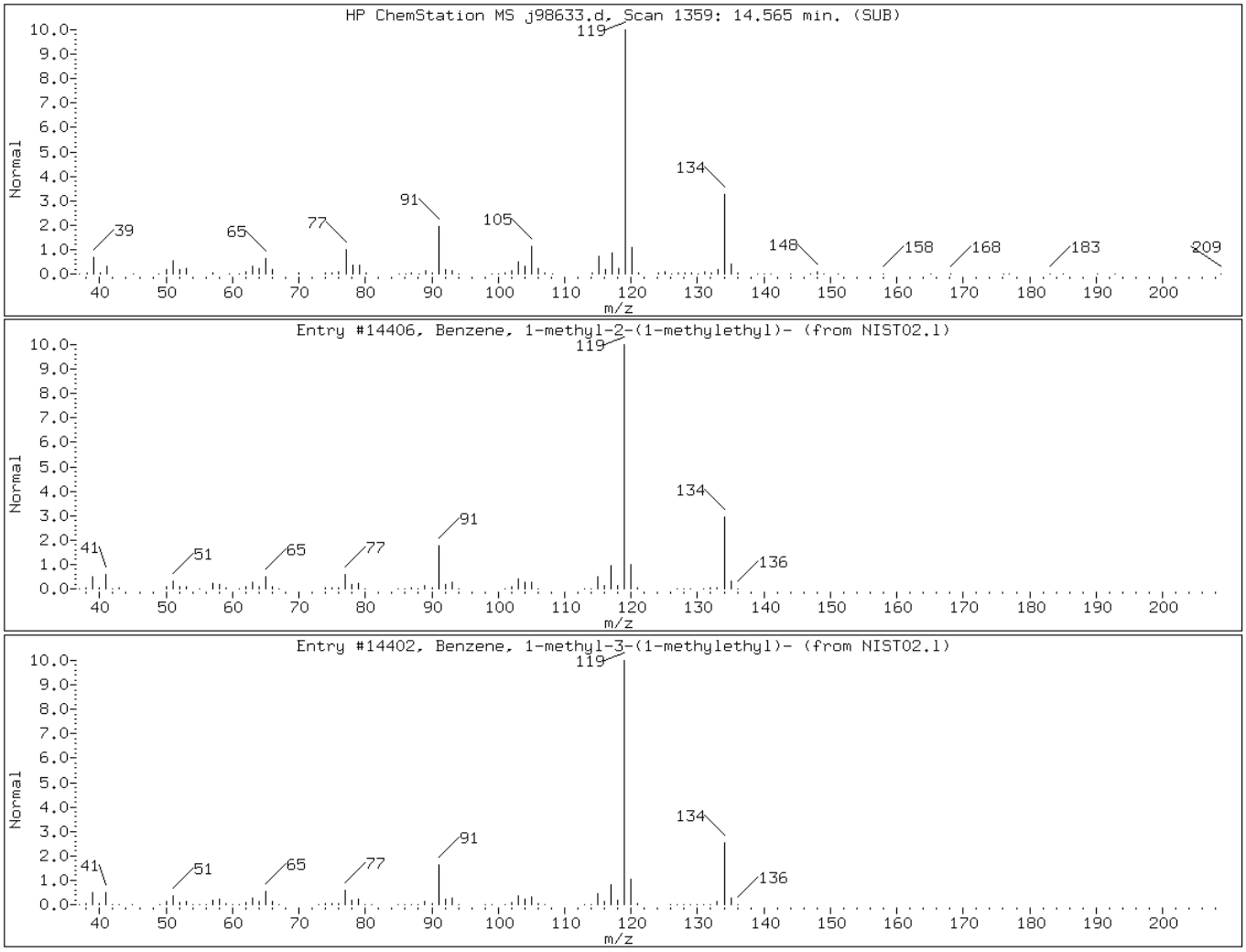
Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

Retention Time: 14.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-2						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	95	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	95	C10H14	134



Data File: j98633.d

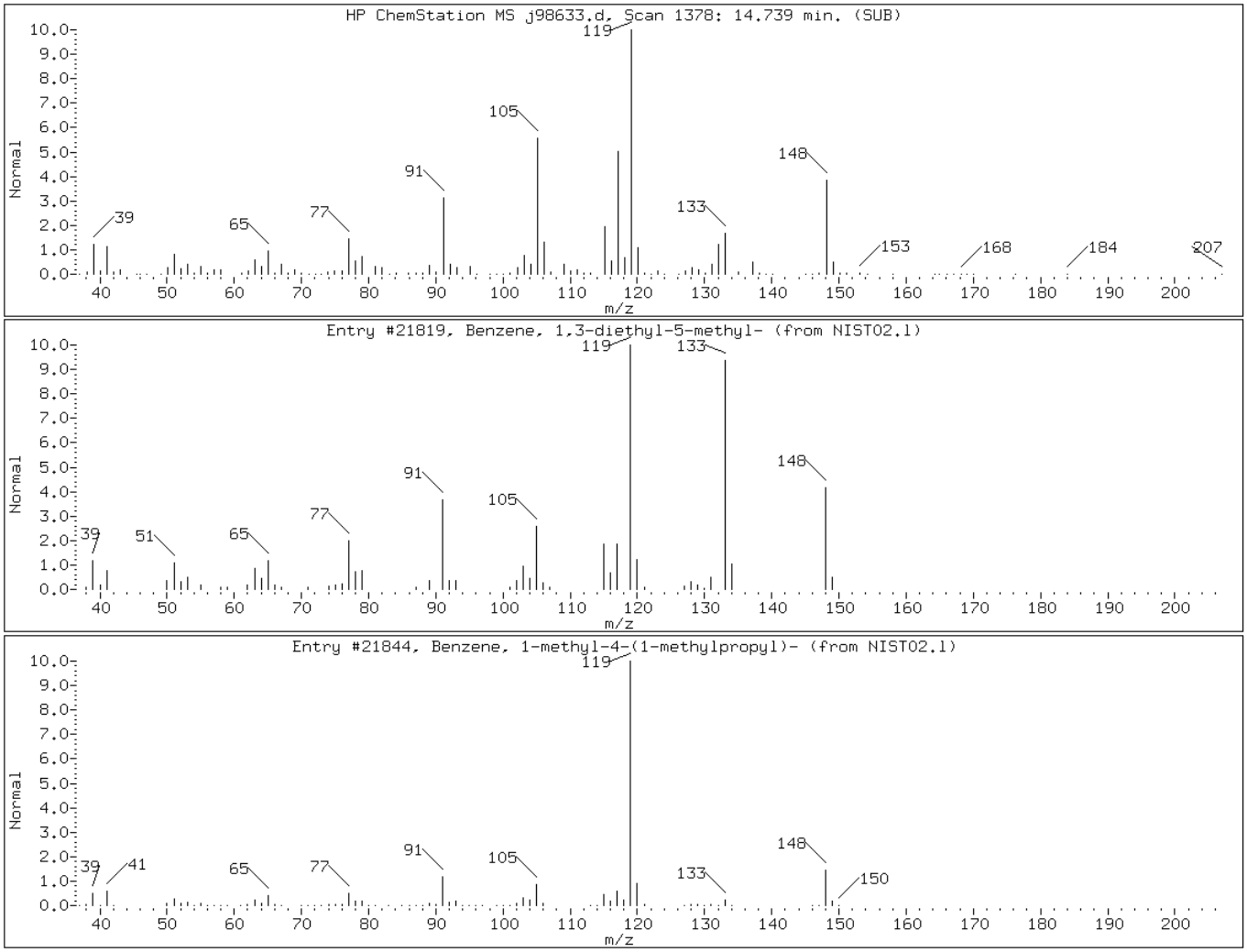
Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

Retention Time: 14.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylmethylbenzene isomer						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	86	C11H16	148
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	58	C11H16	148



Data File: j98633.d

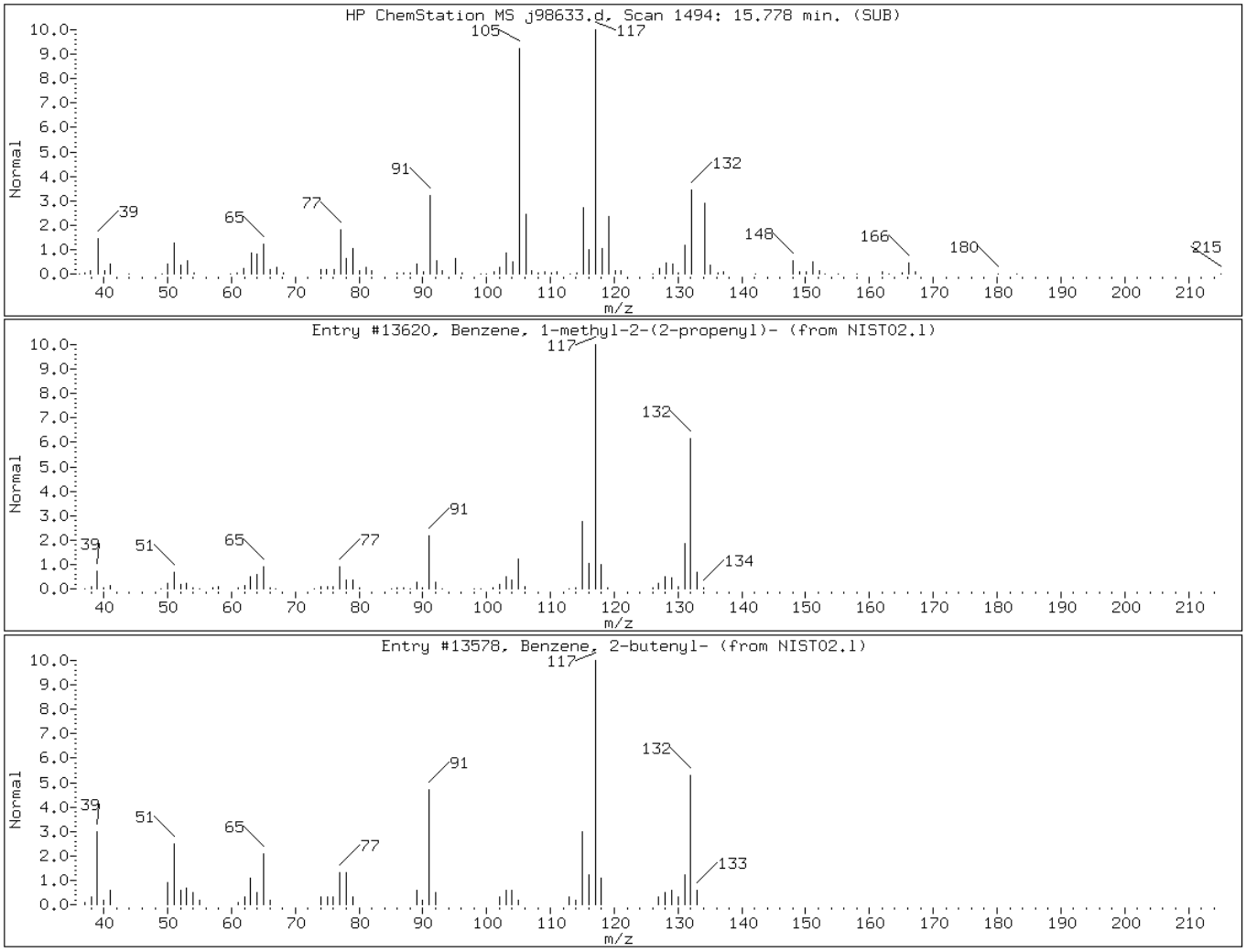
Date: 24-MAR-2011 18:40

Client ID: PMP-16-WT-E (8.0-8. Instrument: VOAMS8.i

Sample Info: 460-24277-B-16-A;50;;6.02;5 Operator:

Retention Time: 15.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13620	86	C10H12	132
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13578	83	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-SI-E (10.5-11.0) Lab Sample ID: 460-24277-17

Matrix: Solid Lab File ID: j98634.d

Analysis Method: 8260B Date Collected: 03/18/2011 09:30

Sample wt/vol: 11.01(g) Date Analyzed: 03/24/2011 19:13

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.9 Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	27	U	27	5.6
74-83-9	Bromomethane	27	U	27	8.4
75-01-4	Vinyl chloride	27	U	27	3.2
75-00-3	Chloroethane	27	U	27	12
75-09-2	Methylene Chloride	27	U	27	5.1
67-64-1	Acetone	270	U	270	66
75-15-0	Carbon disulfide	27	U	27	3.9
75-69-4	Trichlorofluoromethane	27	U	27	4.2
75-35-4	1,1-Dichloroethene	27	U	27	3.8
75-34-3	1,1-Dichloroethane	27	U	27	2.7
156-60-5	trans-1,2-Dichloroethene	27	U	27	3.7
156-59-2	cis-1,2-Dichloroethene	27	U	27	5.2
67-66-3	Chloroform	27	U	27	4.1
78-93-3	2-Butanone	270	U	270	22
107-06-2	1,2-Dichloroethane	27	U	27	6.6
71-55-6	1,1,1-Trichloroethane	27	U	27	6.6
56-23-5	Carbon tetrachloride	27	U	27	4.8
71-43-2	Benzene	27	U	27	3.2
75-25-2	Bromoform	27	U	27	2.6
100-42-5	Styrene	27	U	27	3.7
100-41-4	Ethylbenzene	3800		27	6.6
108-90-7	Chlorobenzene	27	U	27	4.4
110-82-7	Cyclohexane	2000		27	3.3
98-82-8	Isopropylbenzene	900		27	5.7
591-78-6	2-Hexanone	270	U	270	15
1634-04-4	MTBE	27	U	27	4.9
76-13-1	Freon TF	27	U	27	7.7
79-20-9	Methyl acetate	53	U	53	8.8
123-91-1	1,4-Dioxane	1300	U	1300	230
79-01-6	Trichloroethene	27	U	27	4.7
108-88-3	Toluene	27	U	27	2.5
10061-02-6	trans-1,3-Dichloropropene	27	U	27	3.3
108-10-1	4-Methyl-2-pentanone	270	U	270	18
10061-01-5	cis-1,3-Dichloropropene	27	U	27	2.7
95-50-1	1,2-Dichlorobenzene	97		27	4.3
541-73-1	1,3-Dichlorobenzene	31		27	6.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-SI-E (10.5-11.0) | Lab Sample ID: 460-24277-17

Matrix: Solid | Lab File ID: j98634.d

Analysis Method: 8260B | Date Collected: 03/18/2011 09:30

Sample wt/vol: 11.01(g) | Date Analyzed: 03/24/2011 19:13

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.9 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	330		27	4.0
120-82-1	1,2,4-Trichlorobenzene	57		27	12
87-61-6	1,2,3-Trichlorobenzene	27	U	27	22
78-87-5	1,2-Dichloropropane	27	U	27	2.3
108-87-2	Methylcyclohexane	1100		27	2.1
127-18-4	Tetrachloroethene	27	U	27	5.2
1330-20-7	Xylenes, Total	8000		80	12
96-12-8	1,2-Dibromo-3-Chloropropane	27	U	27	4.1
79-34-5	1,1,2,2-Tetrachloroethane	27	U	27	2.3
79-00-5	1,1,2-Trichloroethane	27	U	27	2.6
124-48-1	Dibromochloromethane	27	U	27	2.7
106-93-4	1,2-Dibromoethane	27	U	27	2.4
75-71-8	Dichlorodifluoromethane	27	U	27	7.6
74-97-5	Bromochloromethane	27	U	27	4.6
75-27-4	Bromodichloromethane	27	U	27	2.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		57-135
2037-26-5	Toluene-d8 (Surr)	83		46-130
460-00-4	Bromofluorobenzene	104		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-SI-E (10.5-11.0) Lab Sample ID: 460-24277-17

Matrix: Solid Lab File ID: j98634.d

Analysis Method: 8260B Date Collected: 03/18/2011 09:30

Sample wt/vol: 11.01(g) Date Analyzed: 03/24/2011 19:13

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.9 Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 87700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Ethylmethylbenzene isomer	12.88	17000	J
108-67-8	1,3,5-Trimethylbenzene	12.94	6100	
95-63-6	1,2,4-Trimethylbenzene	13.36	13000	
	C10H14 Aromatic	13.62	5600	J
	Trimethylbenzene isomer	13.84	4700	J
	Diethylbenzene isomer	14.11	15000	J
	C10H14 Aromatic	14.47	4400	J
	Ethyldimethylbenzene isomer	14.56	4500	J
	Unknown Aromatic	14.75	7400	J
	Unknown Aromatic-2	15.78	10000	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98634.d
Report Date: 25-Mar-2011 14:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98634.d
Lab Smp Id: 460-24277-B-17-A Client Smp ID: PMP-16-SI-E (10.5-1
Inj Date : 24-MAR-2011 19:13
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-17-A;50;;11.01;5
Misc Info : 460-24277-B-17-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 19
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	11.01000	Weight of sample extracted (g)
M	14.94845	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	44 Cyclohexane	56	7.146	7.136	(0.905)	936995	74.6349	2000
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.485	7.474	(0.948)	382155	46.0895	1200
*	52 Fluorobenzene	96	7.893	7.883	(1.000)	1307812	50.0000	
	56 Methyl cyclohexane	83	8.575	8.560	(1.086)	402453	43.0707	1100
$	65 Toluene-d8 (SUR)	98	9.761	9.748	(0.860)	954293	41.5853	1100
*	78 Chlorobenzene-d5	117	11.350	11.346	(1.000)	981428	50.0000	
	81 Ethylbenzene	106	11.469	11.465	(1.010)	1316761	141.257	3800
	82 m+p-Xylene	106	11.589	11.583	(1.021)	3826075	297.810	8000
	88 Isopropylbenzene	105	12.362	12.366	(1.089)	968492	33.7181	900
$	89 Bromofluorobenzene (SUR)	174	12.546	12.550	(0.910)	535148	52.0737	1400
	95 n-Propylbenzene	91	12.784	12.781	(0.927)	3115407	98.6413	2600
	97 1,3,5-Trimethylbenzene	105	12.941	12.946	(0.938)	4976578	230.076	6100
	101 1,2,4-Trimethylbenzene	105	13.359	13.359	(0.969)	11566038	484.263	13000
	103 sec-Butylbenzene	105	13.543	13.552	(0.982)	1307731	43.6425	1200

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98634.d
Report Date: 25-Mar-2011 14:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	105 1,3-Dichlorobenzene	146	13.727	13.717	(0.995)	17534	1.14613	30
	107 p-Isopropyltoluene	119	13.626	13.690	(0.988)	2499104	99.7619	2700
*	108 1,4-Dichlorobenzene-d4	152	13.792	13.789	(1.000)	541588	50.0000	
	109 1,4-Dichlorobenzene	146	13.811	13.815	(1.001)	242241	12.3459	330
	111 1,2-Dichlorobenzene	146	14.271	14.259	(1.035)	61615	3.61751	96(H)
	114 1,2,4-Trichlorobenzene	180	16.418	16.417	(1.190)	21807	2.12415	57
	116 Naphthalene	128	16.857	16.868	(1.222)	1344362	66.7272	1800
M	121 Xylene (Total)	100				3826075	297.810	8000

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98634.d
Report Date: 25-Mar-2011 14:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98634.d
Lab Smp Id: 460-24277-B-17-A Client Smp ID: PMP-16-SI-E (10.5-1
Inj Date : 24-MAR-2011 19:13
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-17-A;50;;11.01;5
Misc Info : 460-24277-B-17-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 19
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	11.01000	Weight of sample extracted (g)
M	14.94845	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Fluorobenzene	7.893	3424402	50.000
* 78 Chlorobenzene-d5	11.350	3468171	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C8H18 Alkane					CAS #:		
7.620	6687949	97.6513328	2600	0	0		52
C8H18 Alkane-1					CAS #:		
9.225	8212166	119.906553	3200	0	0		52

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98634.d
Report Date: 25-Mar-2011 14:33

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C8H18 Alkane-2					CAS #:		
9.415	4747672	69.3211785	1800	0		0	52
C8H18 Alkane-3					CAS #:		
9.889	4346250	62.6590966	1700	0		0	78
C9H20 Alkane					CAS #:		
11.007	4659280	67.1719897	1800	0		0	78
C9H20 Alkane-1					CAS #:		
11.139	3777006	54.4524094	1400	0		0	78
Unknown					CAS #:		
12.209	4511276	65.0382355	1700	0		0	78
Ethylmethylbenzene isomer					CAS #:		
12.876	44461249	640.989707	17000	0		0	78(L)
Ethylmethylbenzene isomer-1					CAS #:		
13.189	6301085	90.8415978	2400	0		0	78
C10H14 Aromatic					CAS #:		
13.617	14555854	209.849090	5600	0		0	78(L)
Trimethylbenzene isomer					CAS #:		
13.838	12102941	174.485883	4600	0		0	78(L)
Diethylbenzene isomer					CAS #:		
14.105	38364658	553.096260	15000	0		0	78(L)
C10H14 Aromatic					CAS #:		
14.471	11545939	166.455690	4400	0		0	78
Ethyldimethylbenzene isomer					CAS #:		
14.563	11581859	166.973541	4400	0		0	78
Unknown Aromatic					CAS #:		
14.745	19177938	276.484832	7400	0		0	78
Unknown Aromatic-1					CAS #:		
14.970	6537096	94.2441241	2500	0		0	78
Decahydromethylnaphthalene isomer					CAS #:		
15.260	7000638	100.926918	2700	0		0	78

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98634.d
Report Date: 25-Mar-2011 14:33

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown Aromatic-2					CAS #:		
15.780	27253395	392.907211	10000	0		0	78
C11H14 Aromatic					CAS #:		
16.244	6860784	98.9106759	2600	0		0	78

QC Flag Legend

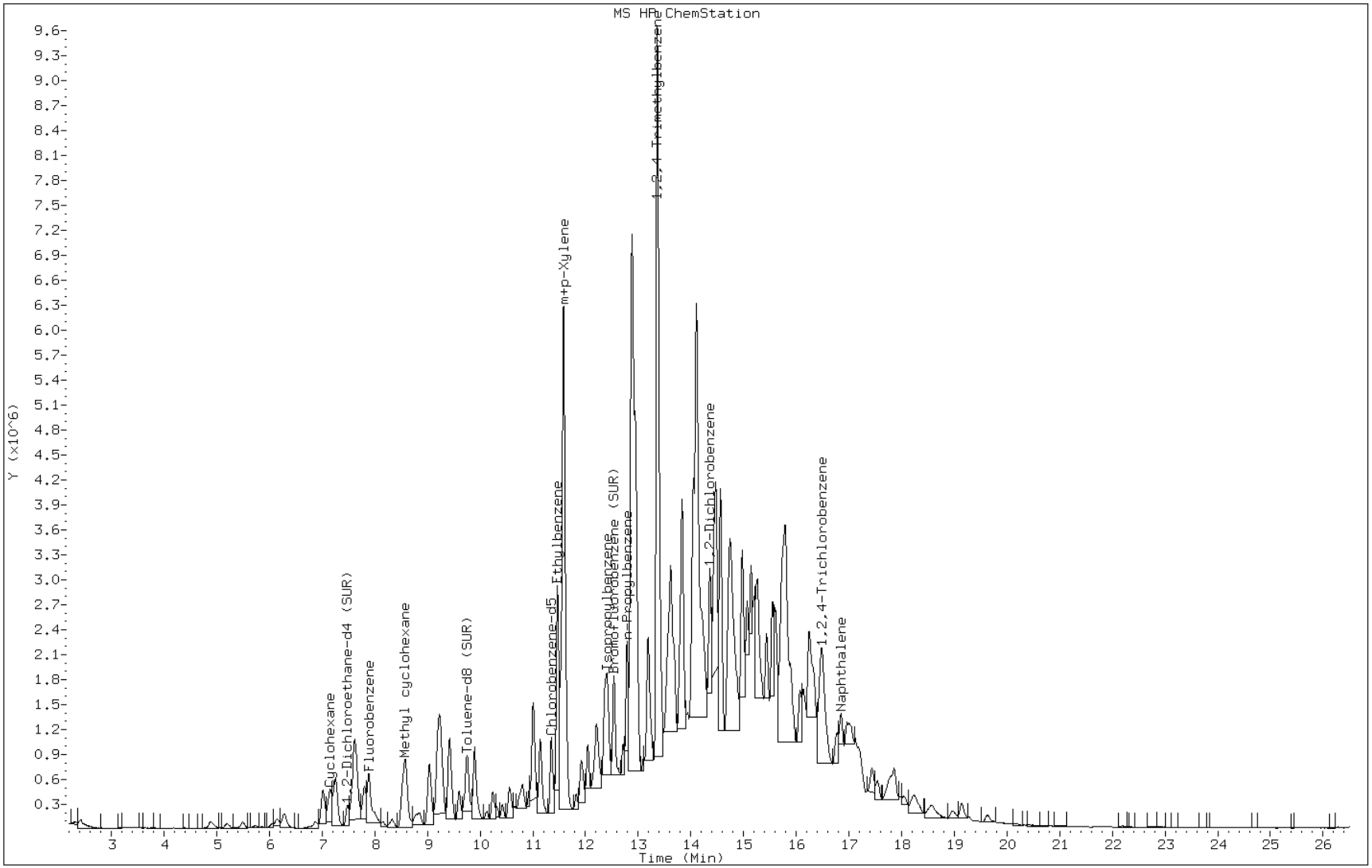
L - Operator selected an alternate library search match.

Data File: j98634.d

Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:



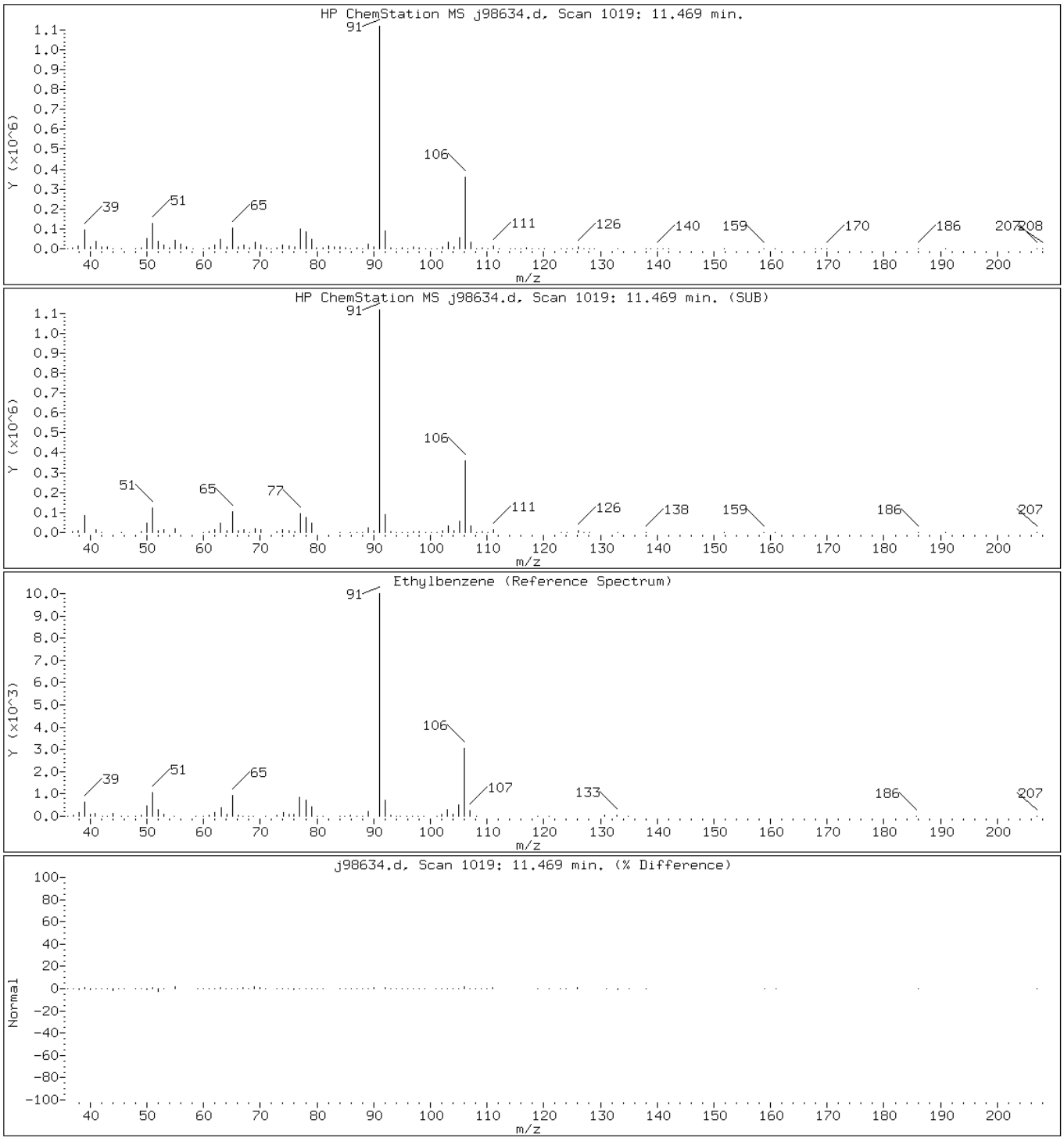
Data File: j98634.d

Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

81 Ethylbenzene



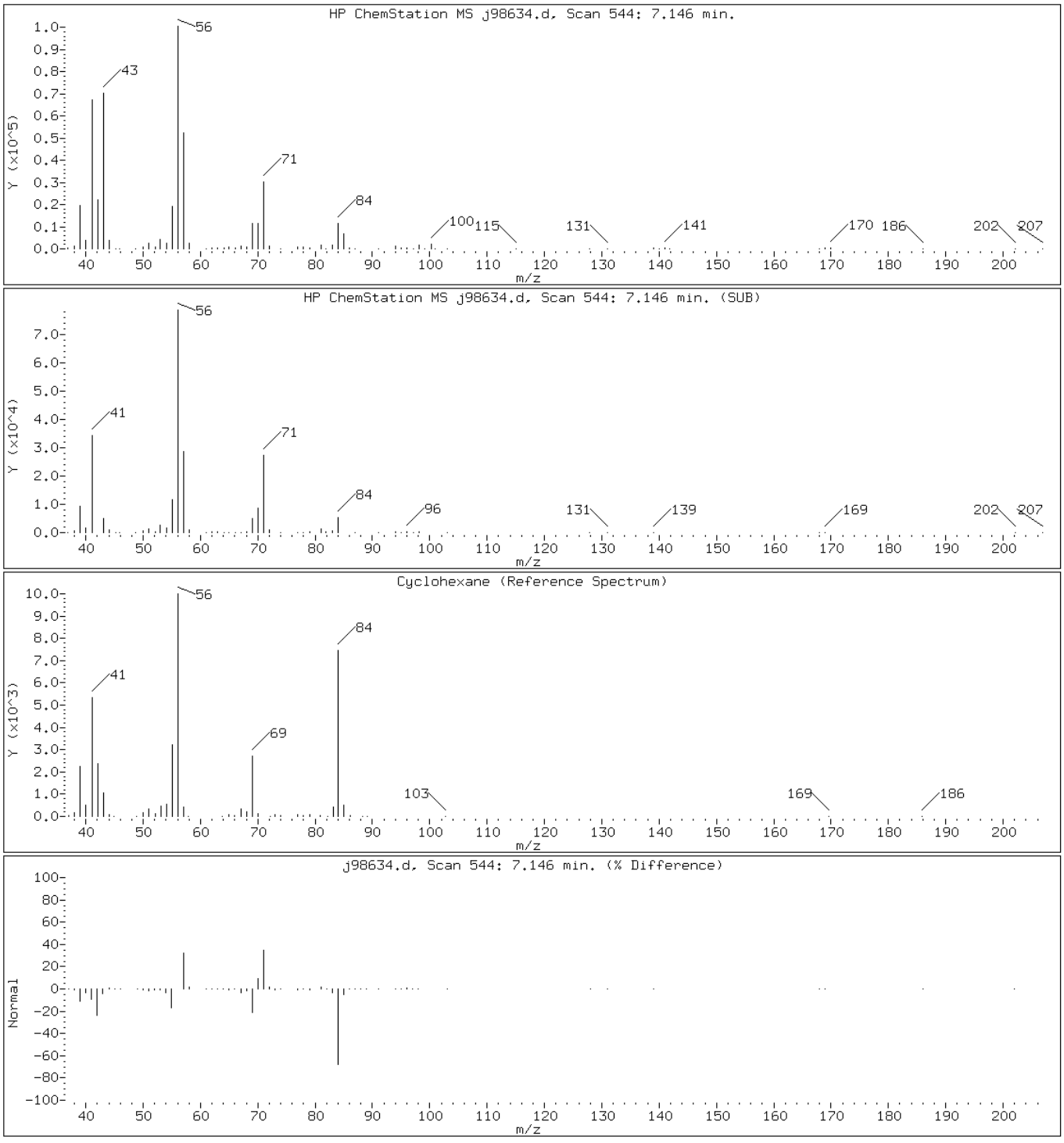
Data File: j98634.d

Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

44 Cyclohexane



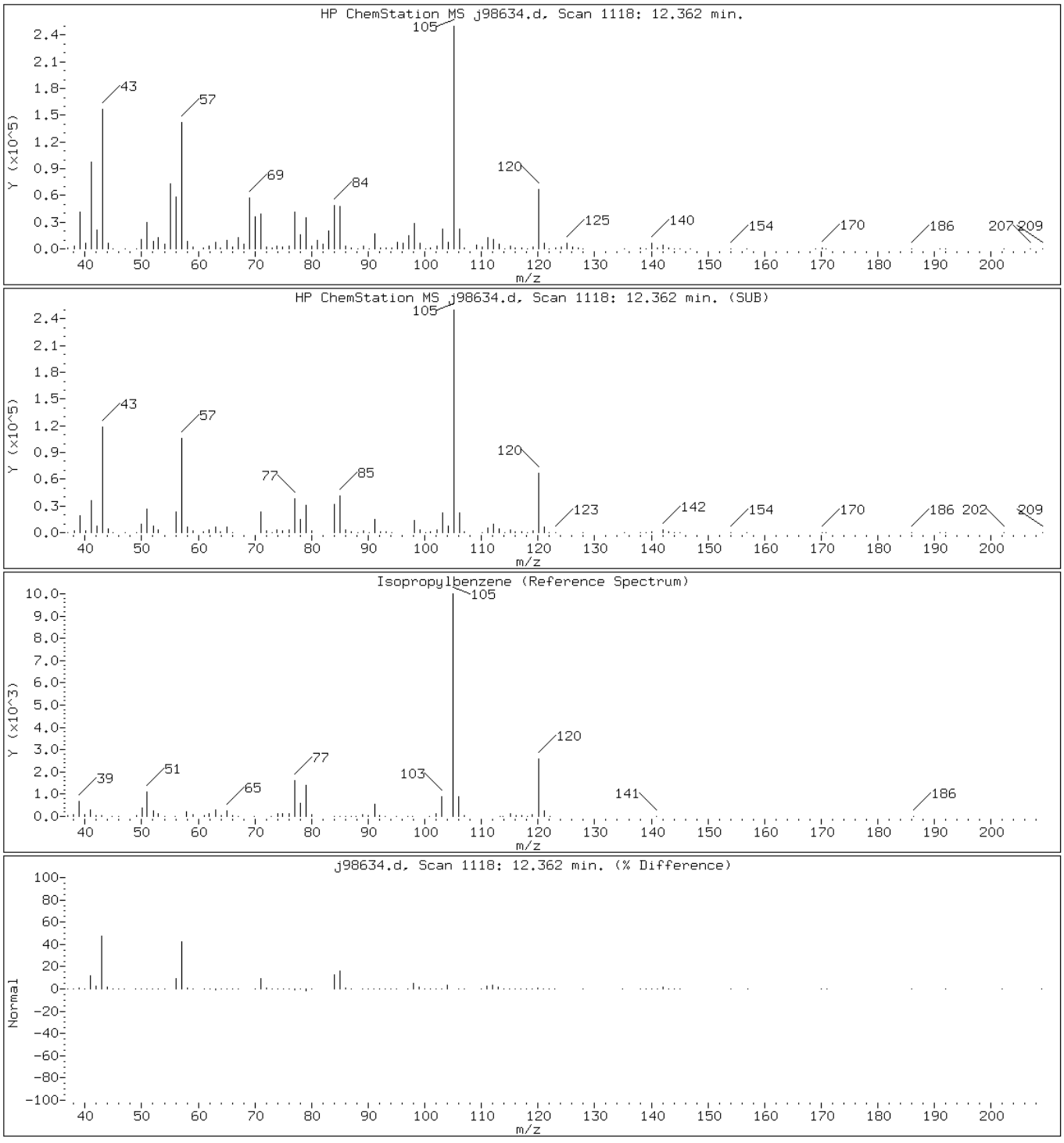
Data File: j98634.d

Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

88 Isopropylbenzene



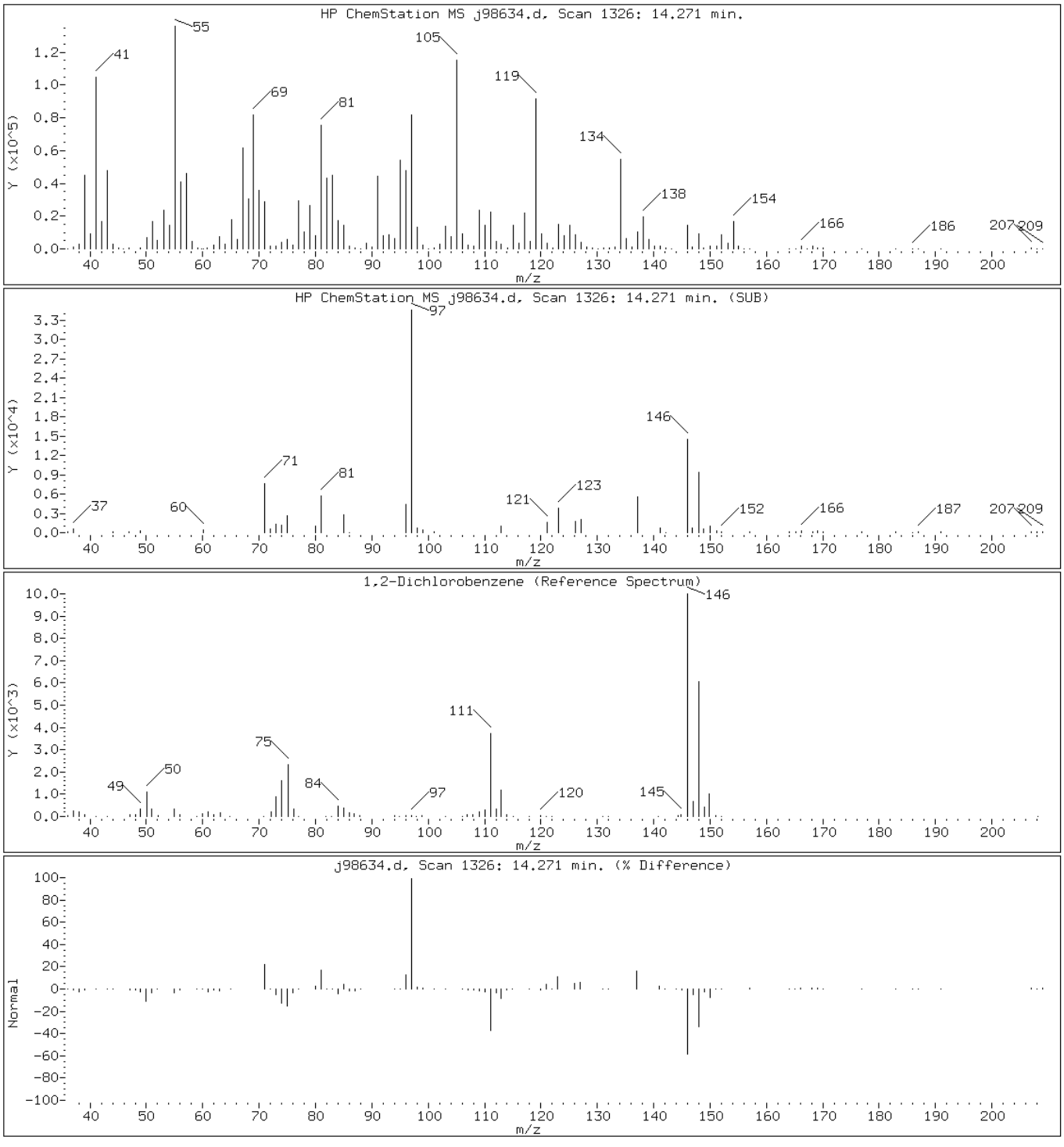
Data File: j98634.d

Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

111 1,2-Dichlorobenzene



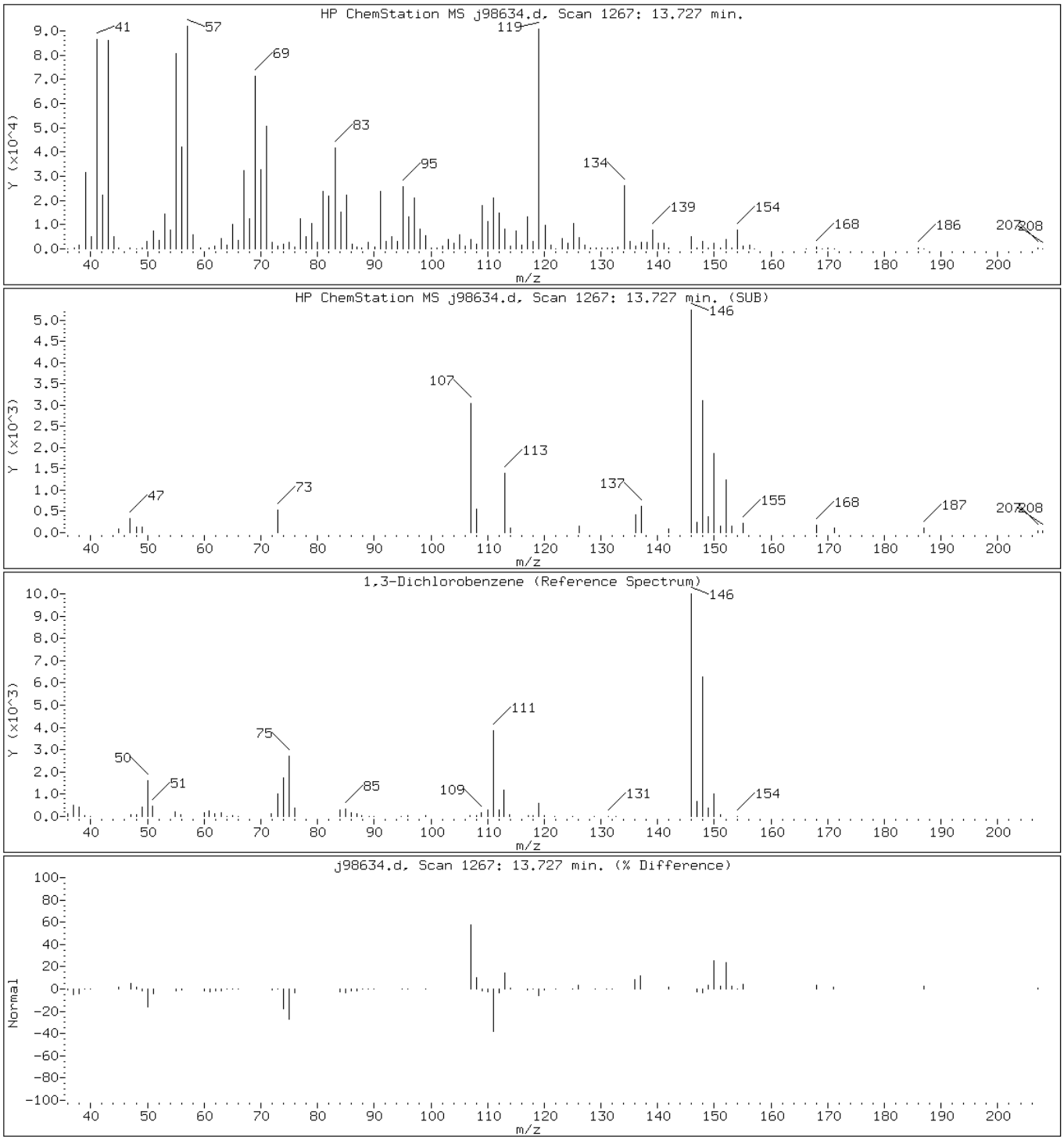
Data File: j98634.d

Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

105 1,3-Dichlorobenzene



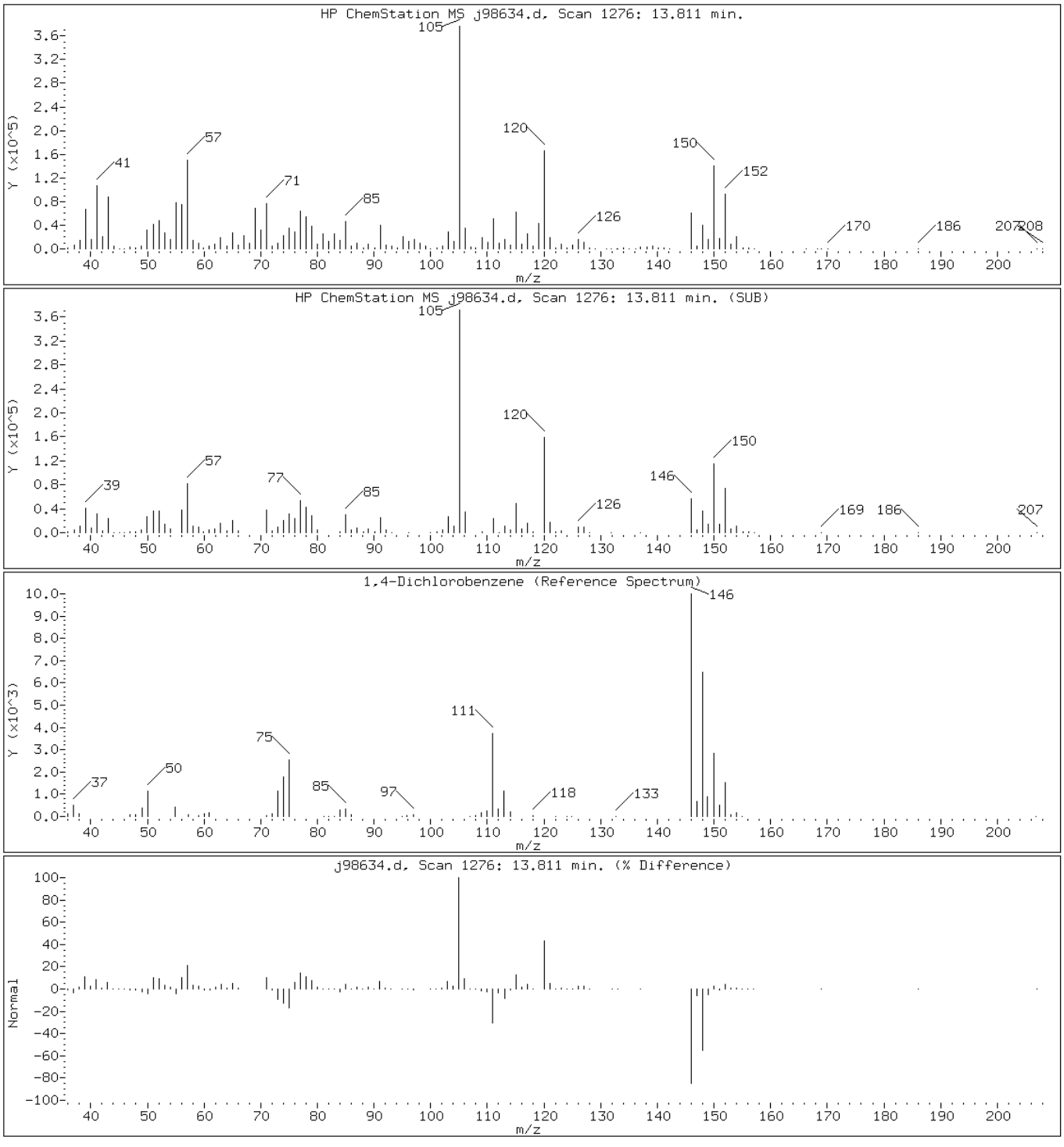
Data File: j98634.d

Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

109 1,4-Dichlorobenzene



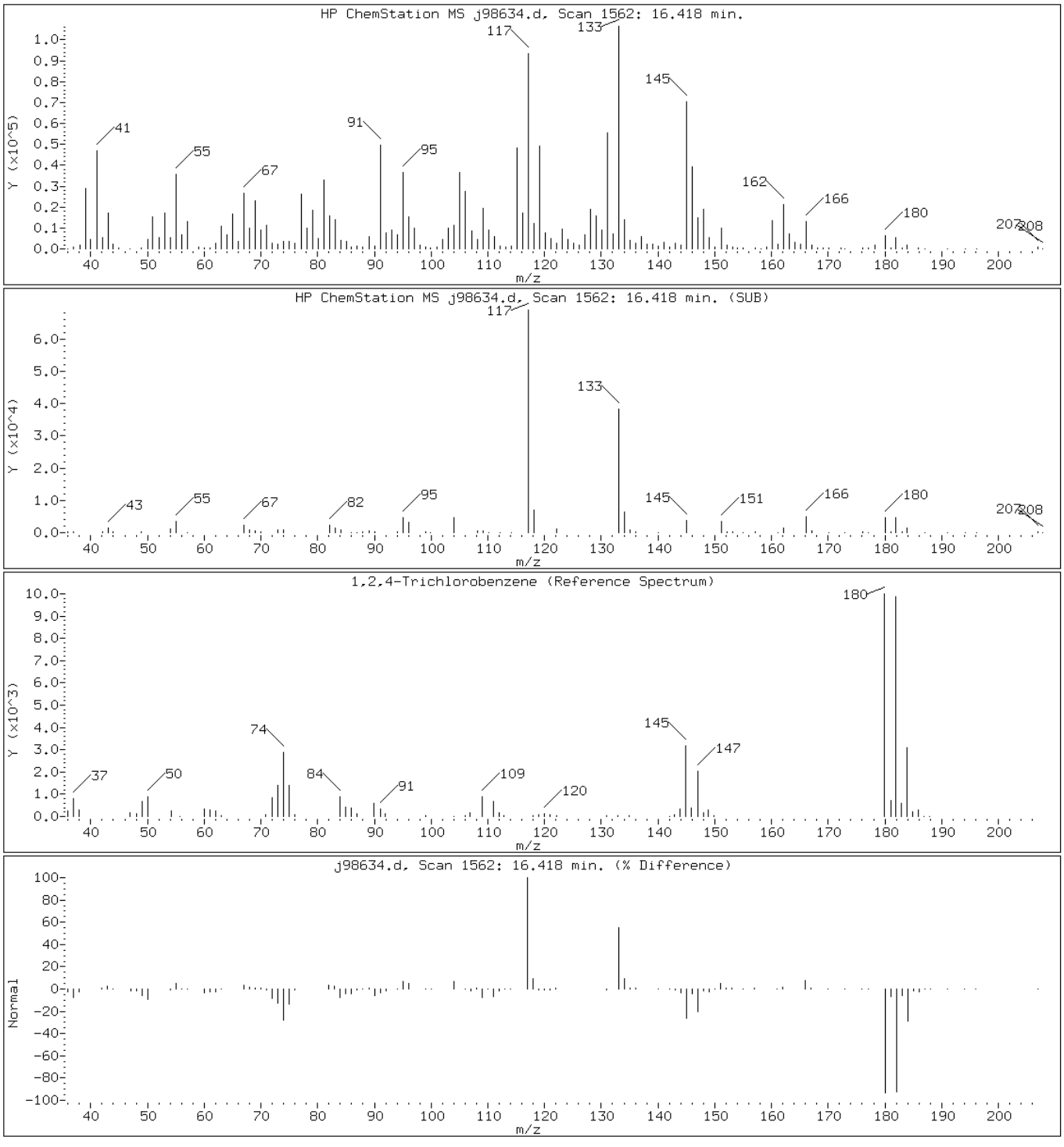
Data File: j98634.d

Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

114 1,2,4-Trichlorobenzene



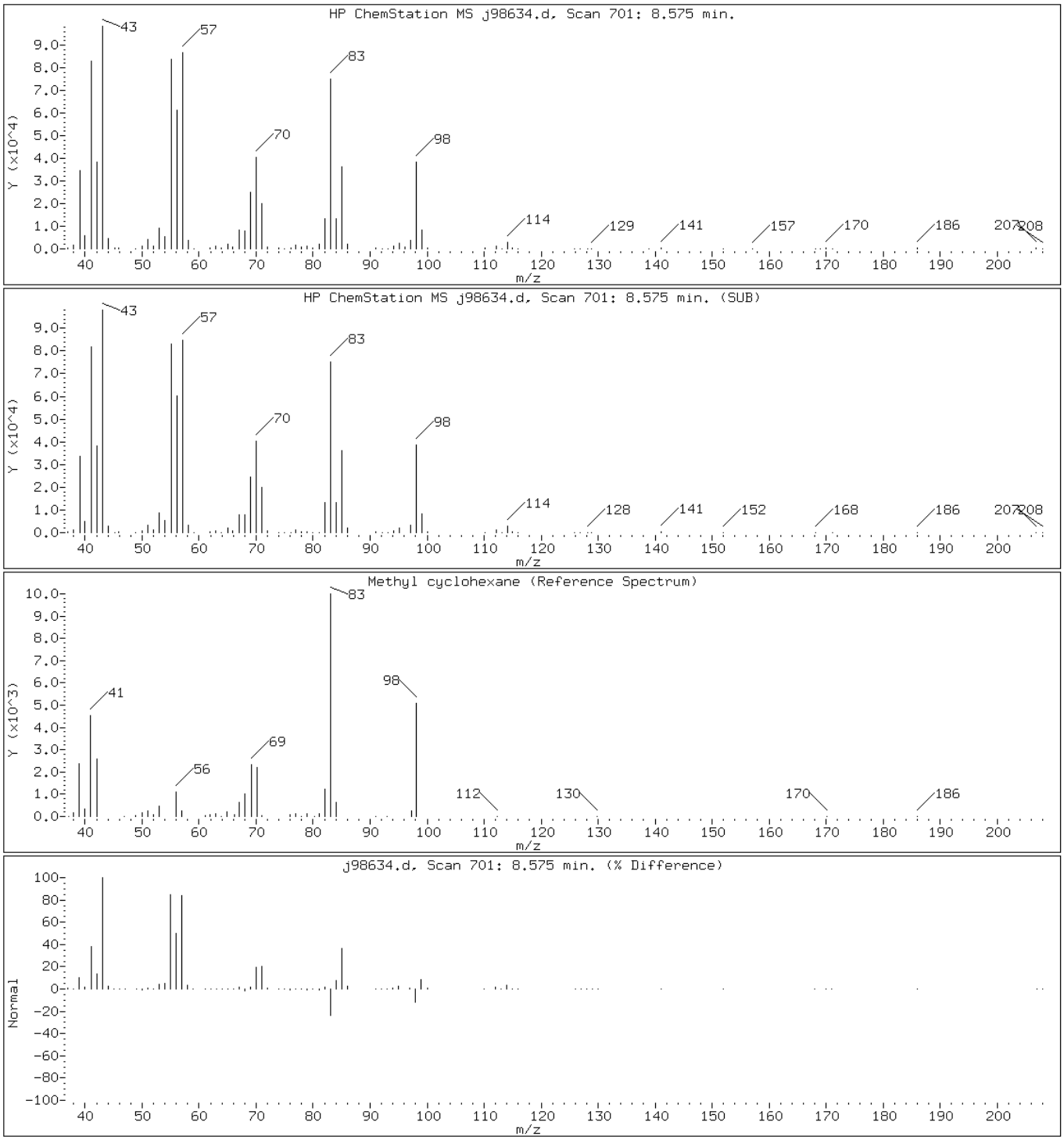
Data File: j98634.d

Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

56 Methyl cyclohexane



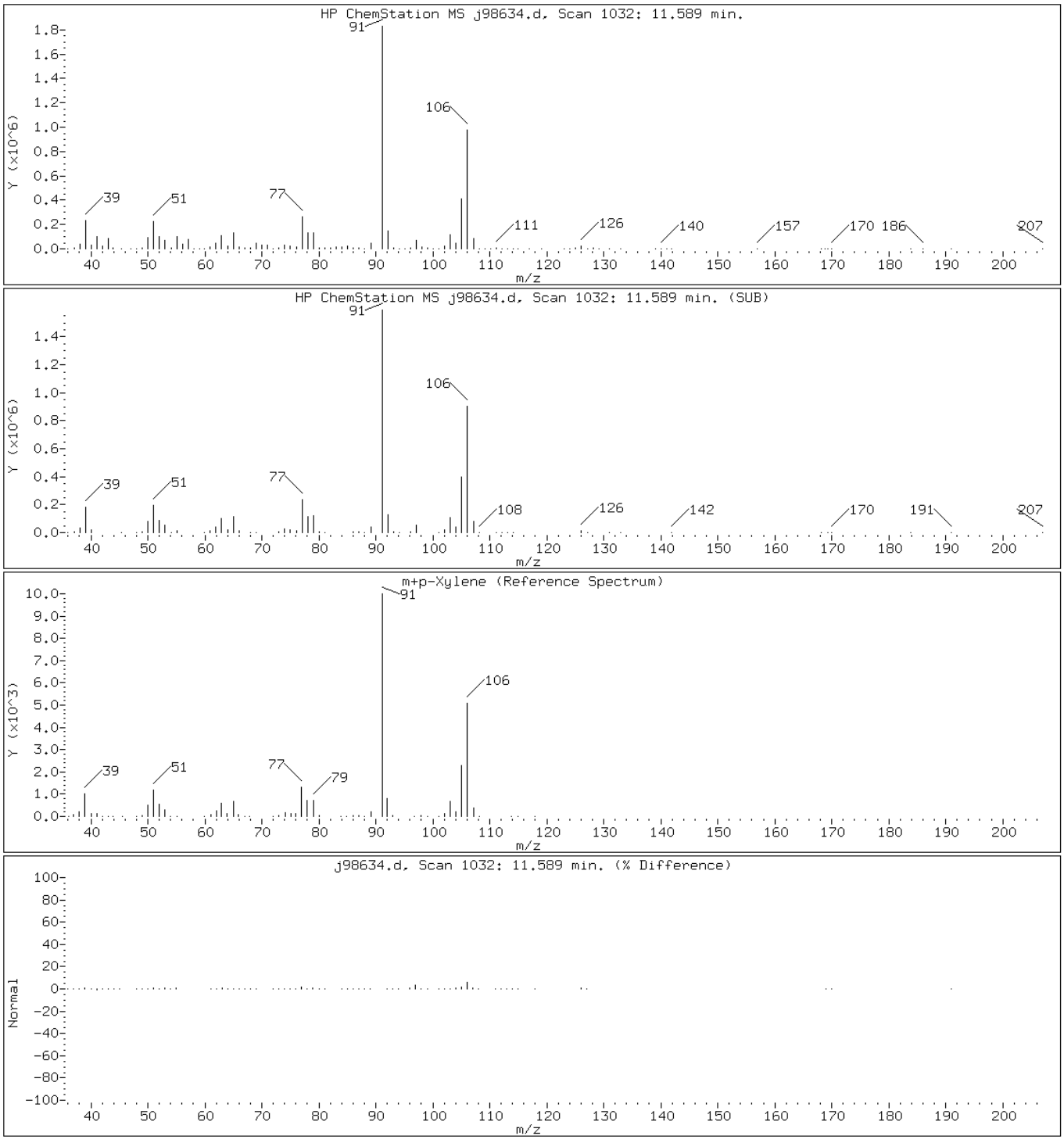
Data File: j98634.d

Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

82 m+p-Xylene



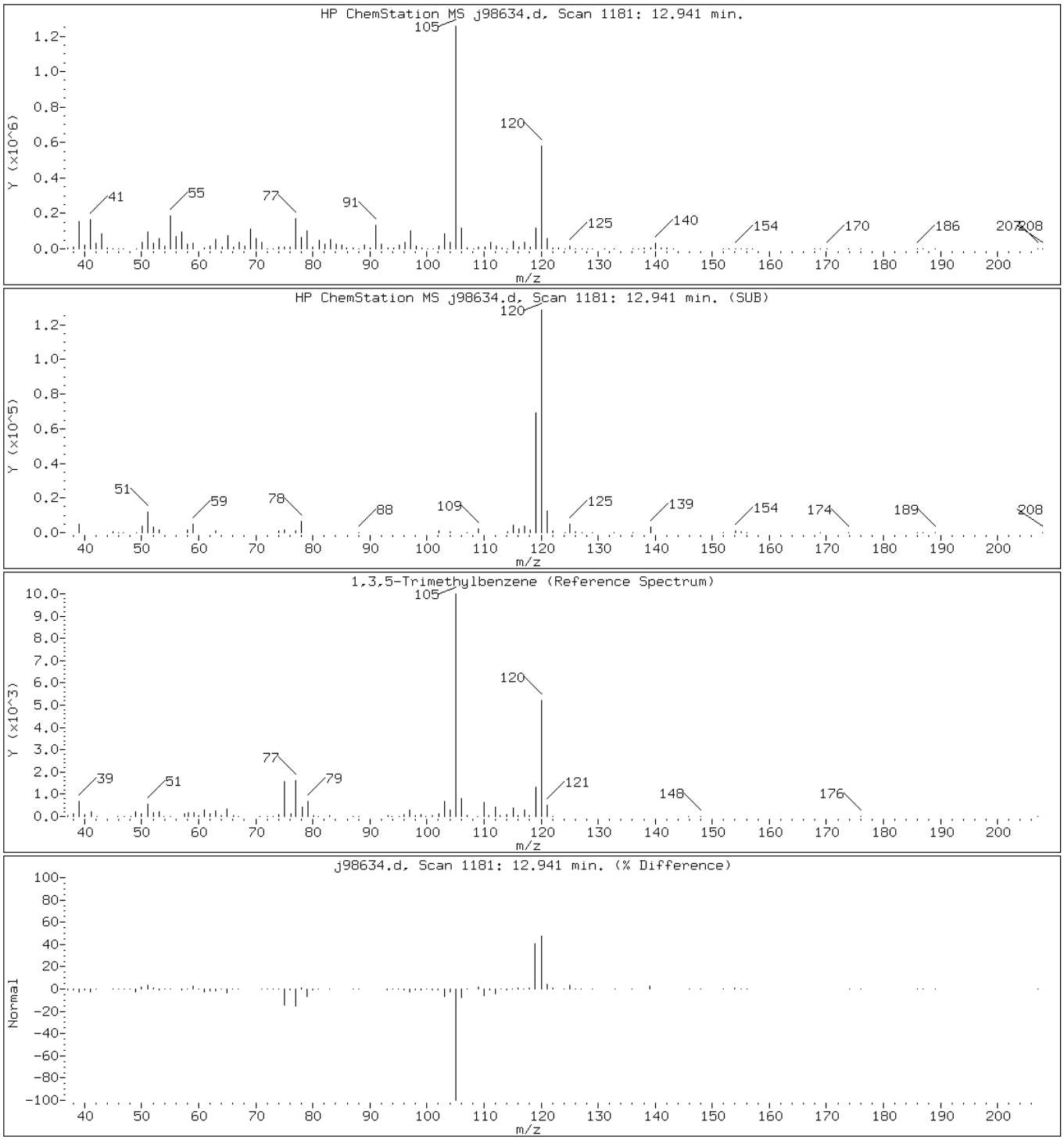
Data File: j98634.d

Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

97 1,3,5-Trimethylbenzene



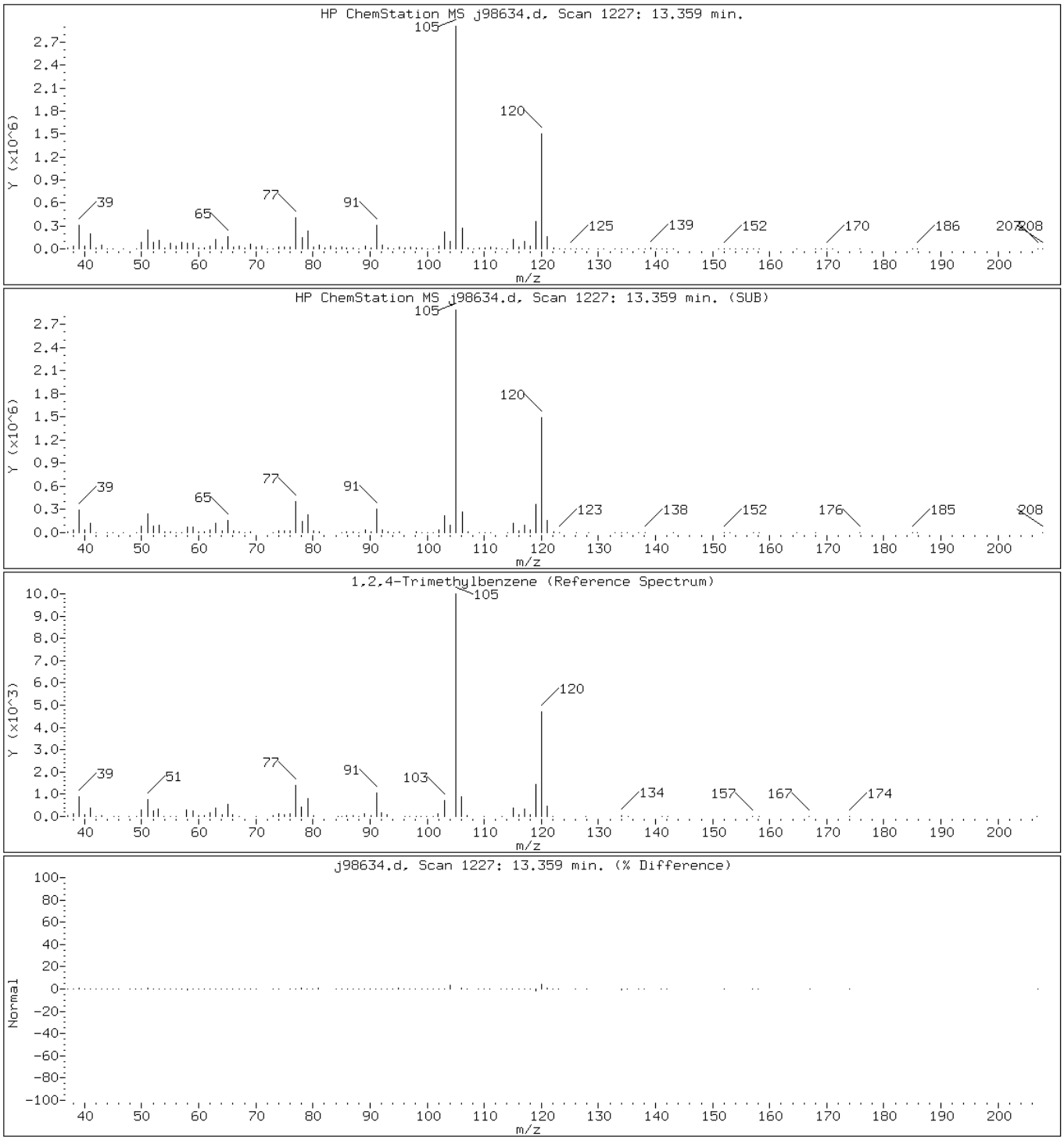
Data File: j98634.d

Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

101 1,2,4-Trimethylbenzene



Data File: j98634.d

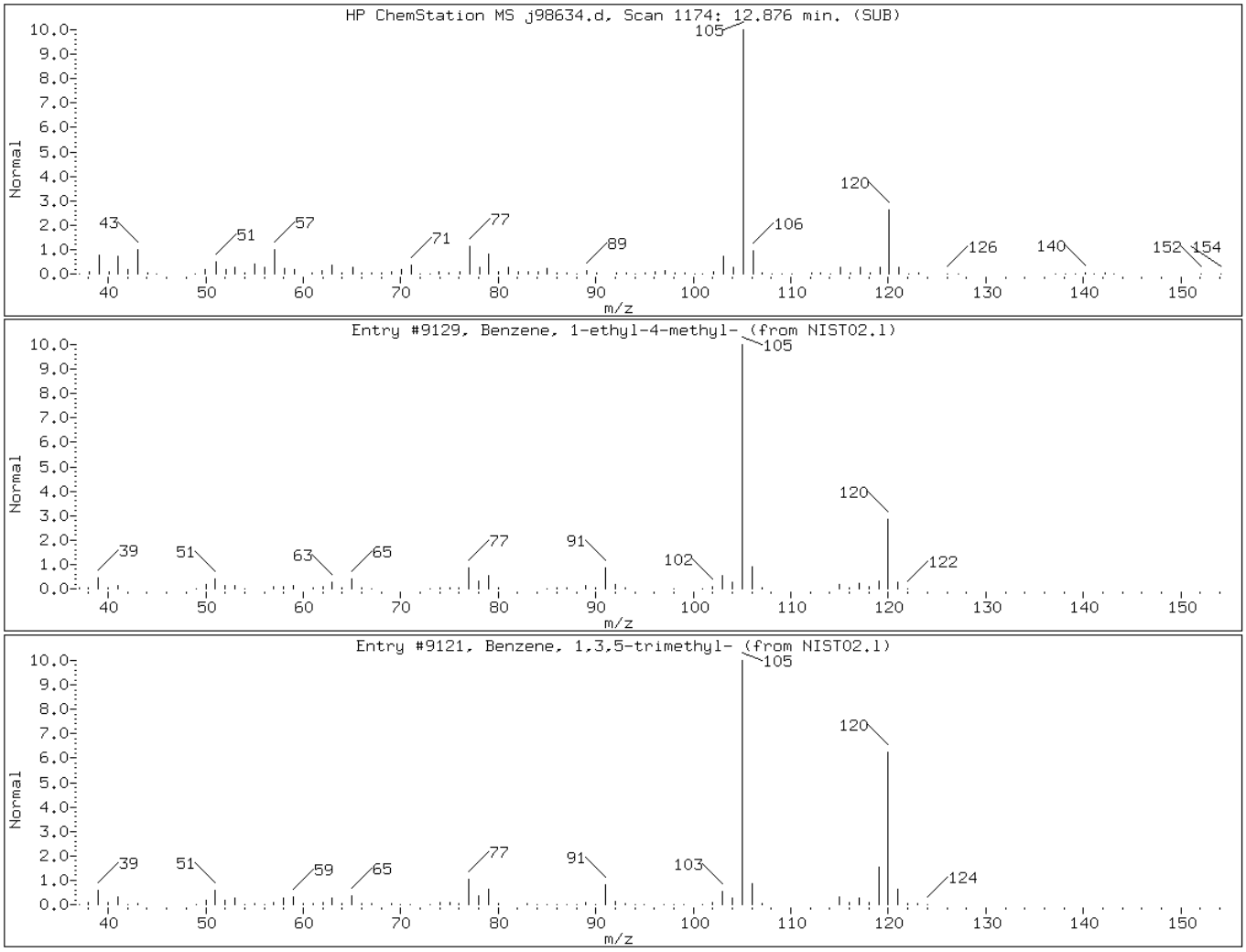
Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

Retention Time: 12.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.l	9129	87	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9121	87	C9H12	120



Data File: j98634.d

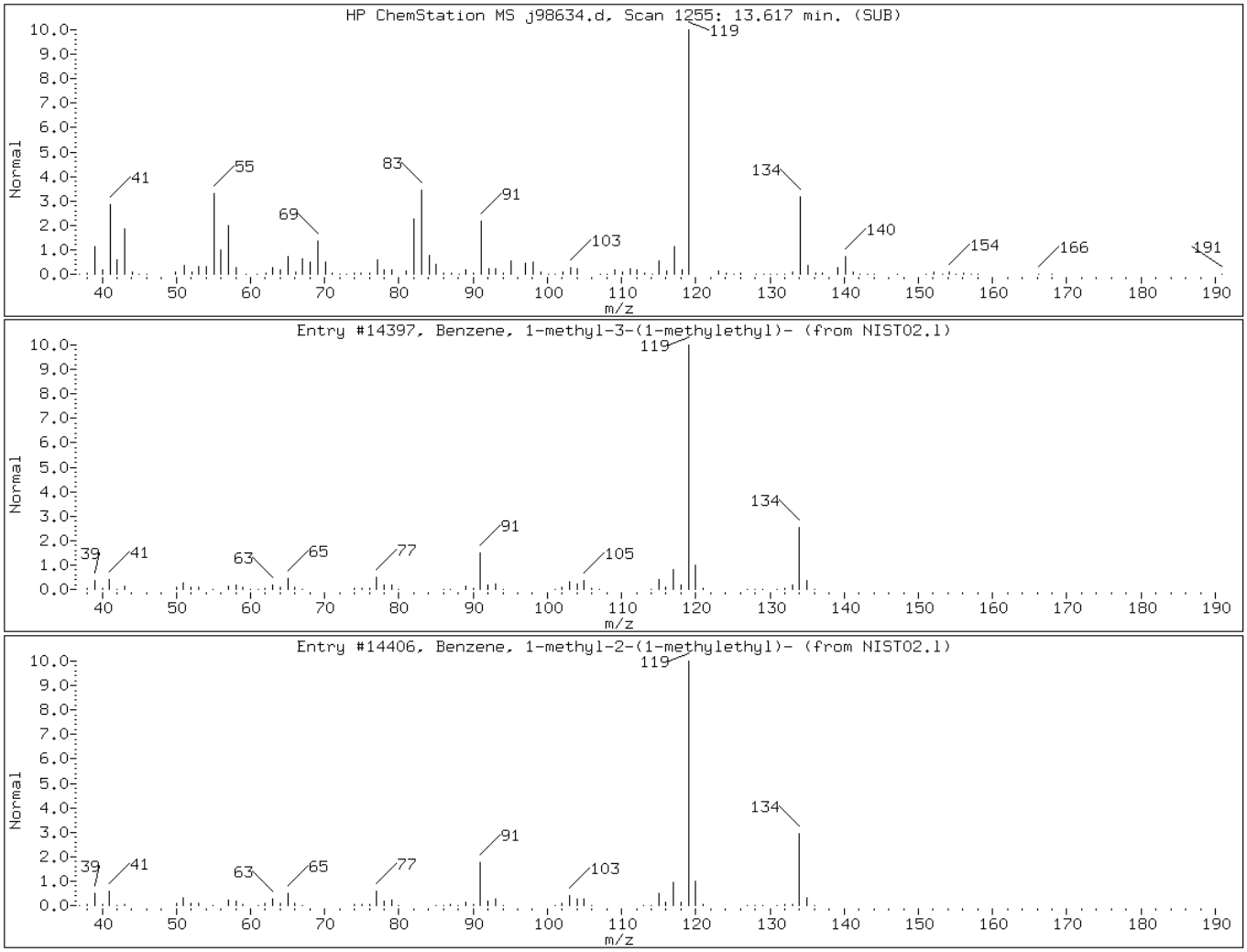
Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

Retention Time: 13.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14397	64	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	64	C10H14	134



Data File: j98634.d

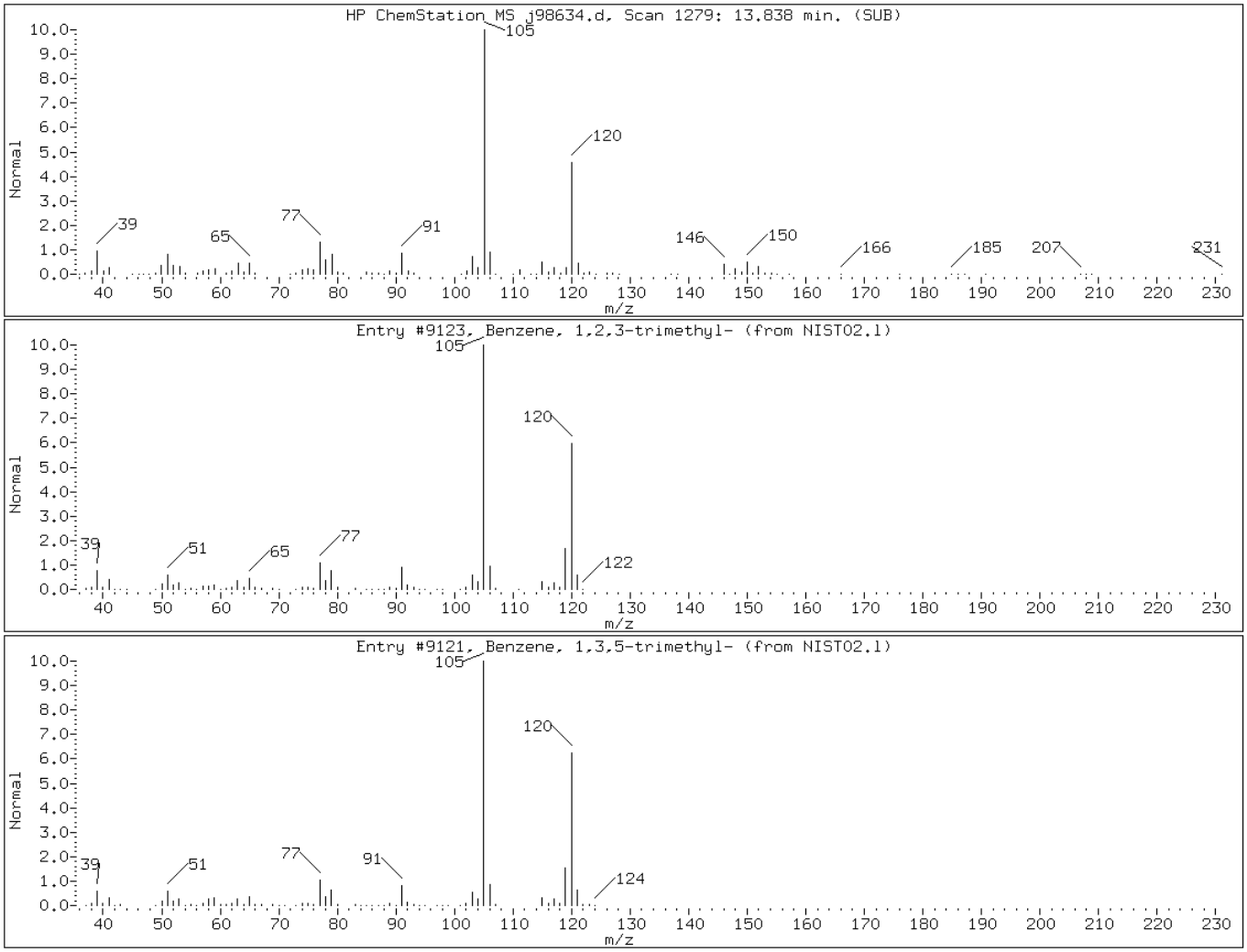
Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

Retention Time: 13.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	91	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9121	91	C9H12	120



Data File: j98634.d

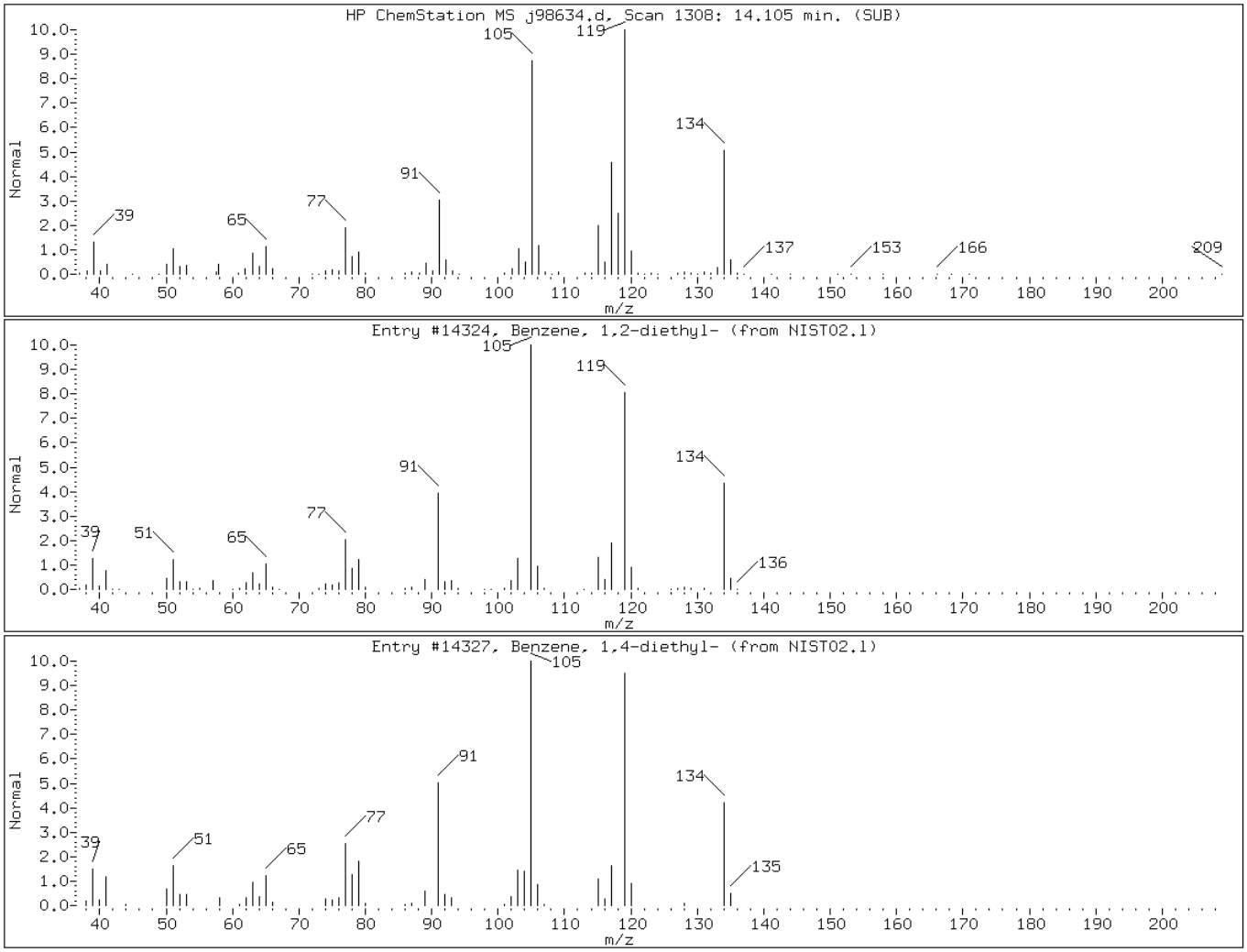
Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

Retention Time: 14.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14324	89	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14327	76	C10H14	134



Data File: j98634.d

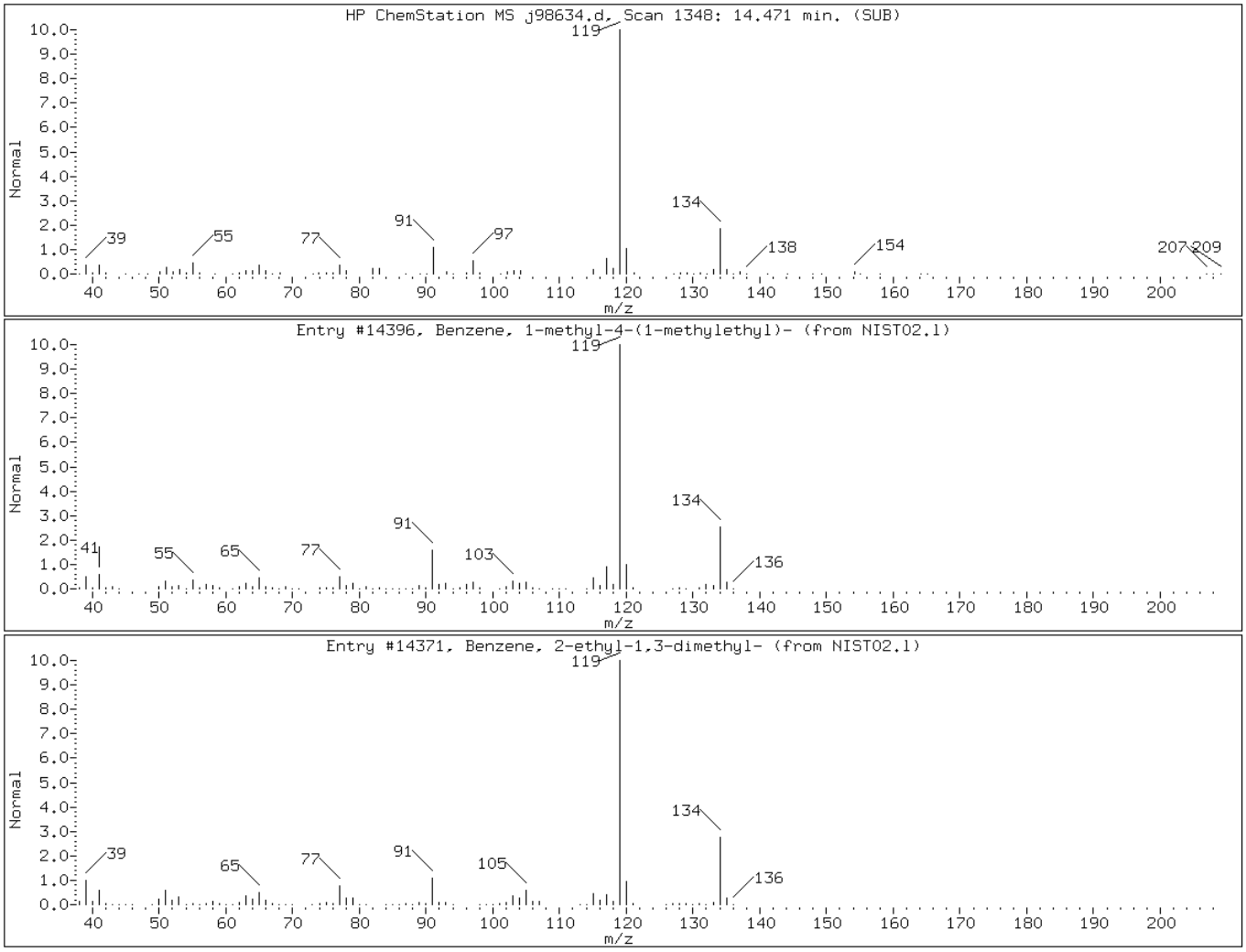
Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

Retention Time: 14.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14396	91	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14371	90	C10H14	134



Data File: j98634.d

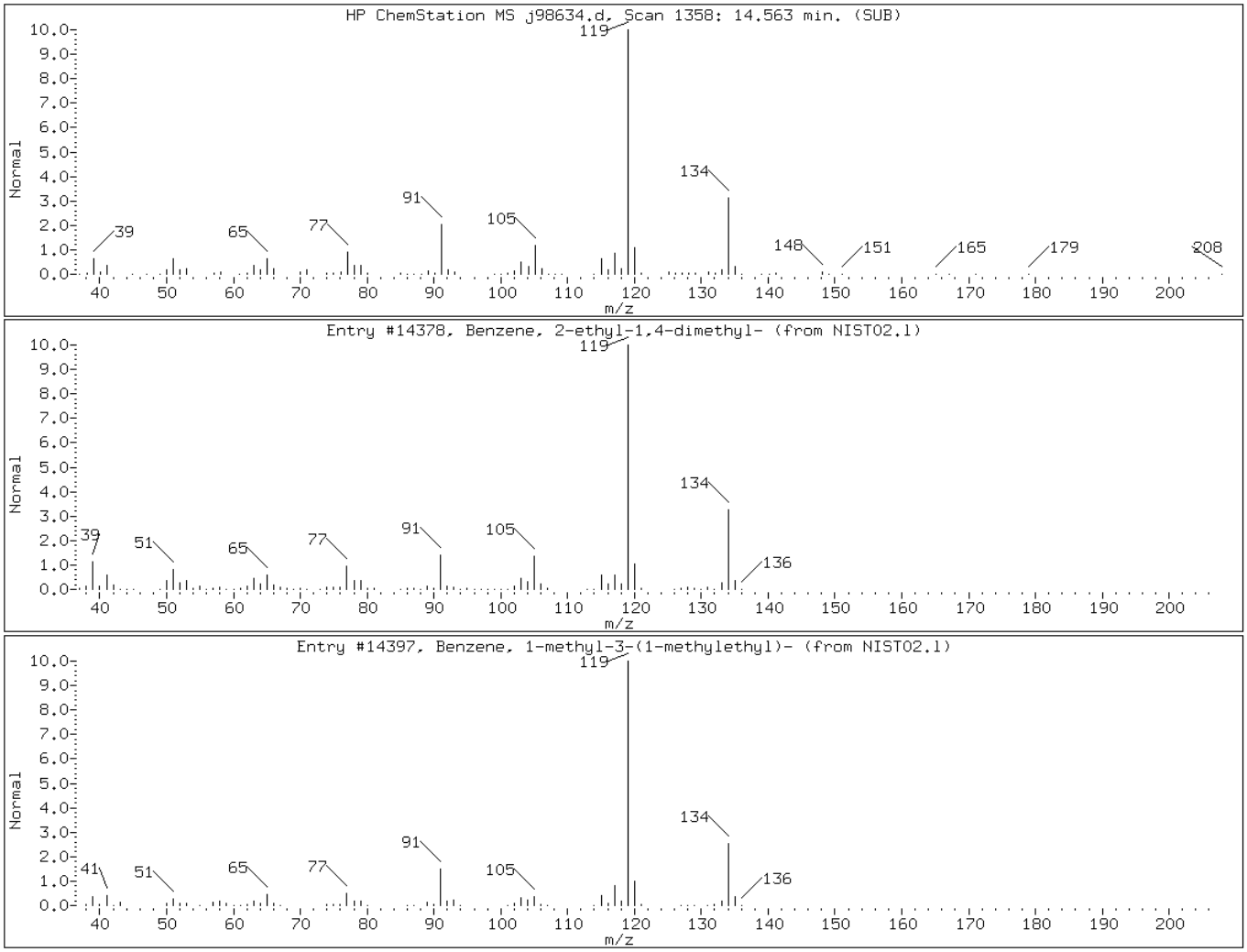
Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

Retention Time: 14.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14378	95	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14397	95	C10H14	134



Data File: j98634.d

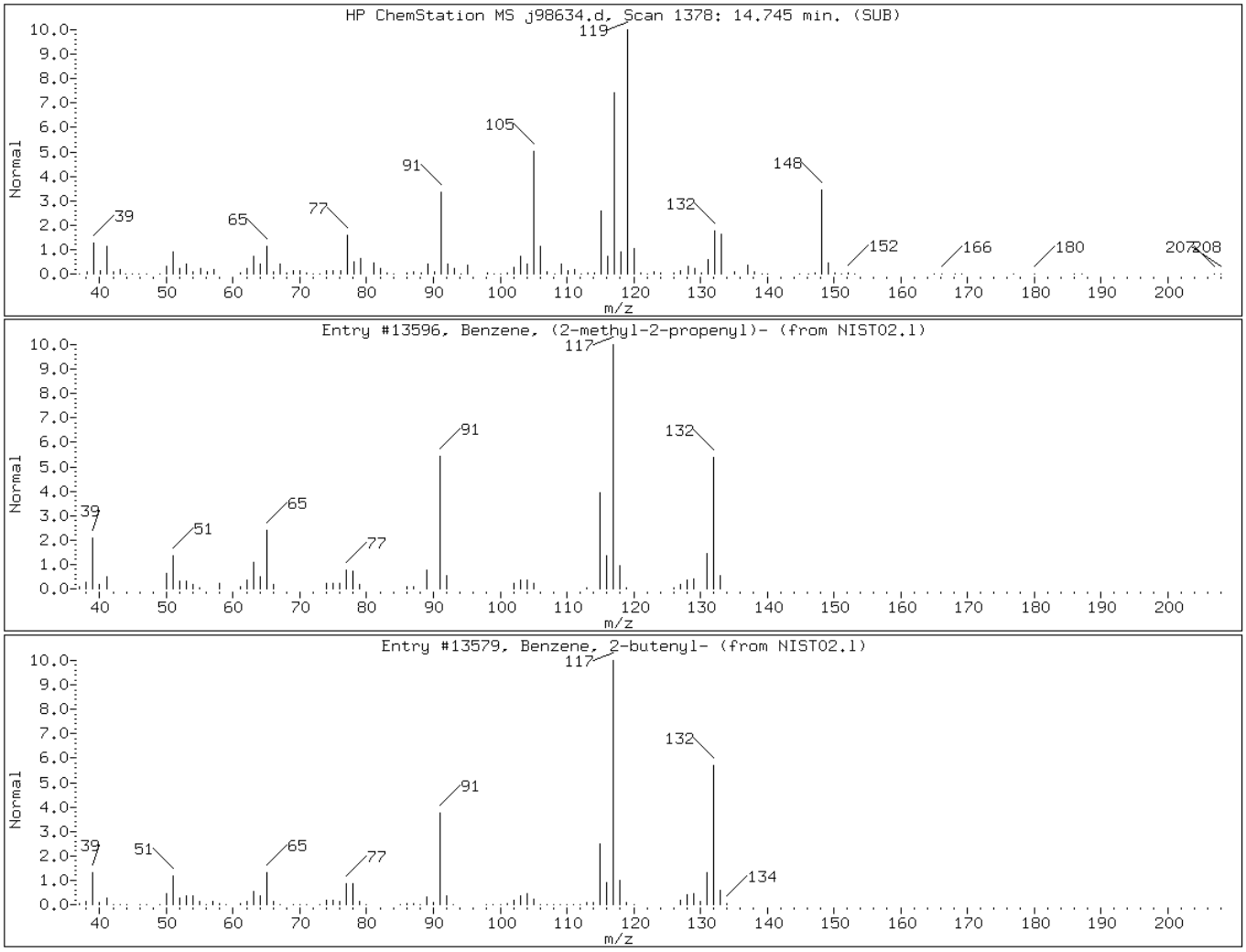
Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

Retention Time: 14.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, (2-methyl-2-propenyl)-	3290-53-7	NIST02.l	13596	83	C10H12	132
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13579	52	C10H12	132



Data File: j98634.d

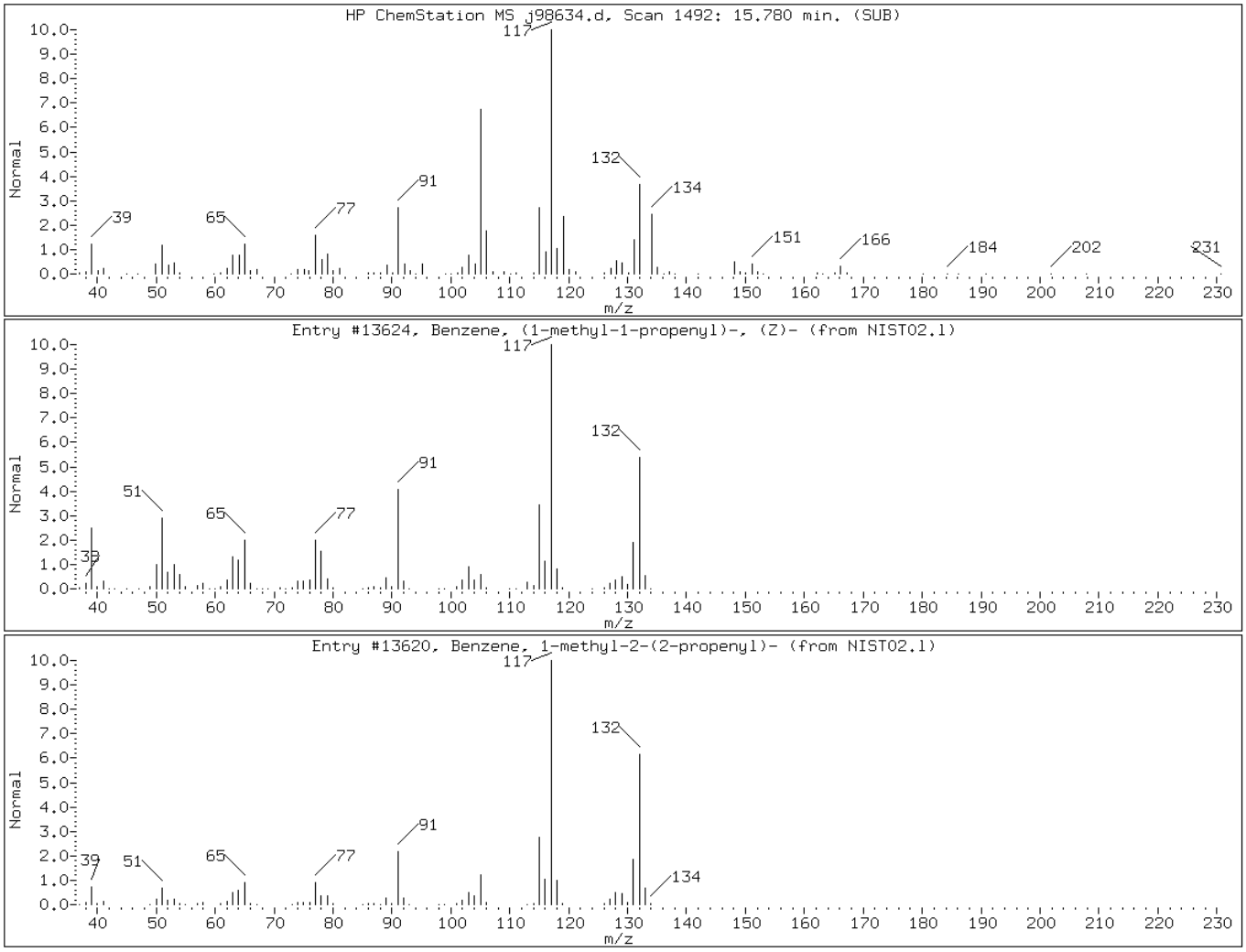
Date: 24-MAR-2011 19:13

Client ID: PMP-16-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-17-A;50;;11.01;5 Operator:

Retention Time: 15.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-2						
Benzene, (1-methyl-1-propenyl)-, (	767-99-7	NIST02.l	13624	86	C10H12	132
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13620	86	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15VD-E (3.5-4) | Lab Sample ID: 460-24277-18

Matrix: Solid | Lab File ID: o46675.d

Analysis Method: 8260B | Date Collected: 03/18/2011 10:25

Sample wt/vol: 6.89(g) | Date Analyzed: 03/28/2011 07:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.3 | Level: (low/med) Low

Analysis Batch No.: 68639 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.79	U	0.79	0.50
74-83-9	Bromomethane	0.79	U	0.79	0.32
75-01-4	Vinyl chloride	0.79	U	0.79	0.19
75-00-3	Chloroethane	0.79	U	0.79	0.32
75-09-2	Methylene Chloride	0.79	U	0.79	0.37
67-64-1	Acetone	31		7.9	2.9
75-15-0	Carbon disulfide	0.79	U	0.79	0.37
75-69-4	Trichlorofluoromethane	0.79	U	0.79	0.21
75-35-4	1,1-Dichloroethene	0.79	U	0.79	0.29
75-34-3	1,1-Dichloroethane	0.79	U	0.79	0.20
156-60-5	trans-1,2-Dichloroethene	0.79	U	0.79	0.22
156-59-2	cis-1,2-Dichloroethene	0.79	U	0.79	0.19
67-66-3	Chloroform	0.79	U	0.79	0.19
78-93-3	2-Butanone	7.9	U	7.9	0.45
107-06-2	1,2-Dichloroethane	0.79	U	0.79	0.31
71-55-6	1,1,1-Trichloroethane	0.79	U	0.79	0.15
56-23-5	Carbon tetrachloride	0.79	U	0.79	0.080
71-43-2	Benzene	0.79	U	0.79	0.59
75-25-2	Bromoform	0.79	U	0.79	0.55
100-42-5	Styrene	0.79	U	0.79	0.27
100-41-4	Ethylbenzene	0.79	U	0.79	0.15
108-90-7	Chlorobenzene	0.79	U	0.79	0.38
110-82-7	Cyclohexane	0.79	U	0.79	0.18
98-82-8	Isopropylbenzene	0.79	U	0.79	0.21
591-78-6	2-Hexanone	7.9	U	7.9	1.3
1634-04-4	MTBE	0.79	U	0.79	0.27
76-13-1	Freon TF	0.79	U	0.79	0.38
79-20-9	Methyl acetate	0.79	U	0.79	0.71
123-91-1	1,4-Dioxane	40	U	40	3.3
79-01-6	Trichloroethene	0.69	J	0.79	0.29
108-88-3	Toluene	0.79	U	0.79	0.24
10061-02-6	trans-1,3-Dichloropropene	0.79	U	0.79	0.17
108-10-1	4-Methyl-2-pentanone	7.9	U	7.9	0.57
10061-01-5	cis-1,3-Dichloropropene	0.79	U	0.79	0.16
95-50-1	1,2-Dichlorobenzene	0.79	U	0.79	0.50
541-73-1	1,3-Dichlorobenzene	0.79	U	0.79	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15VD-E (3.5-4) | Lab Sample ID: 460-24277-18

Matrix: Solid | Lab File ID: o46675.d

Analysis Method: 8260B | Date Collected: 03/18/2011 10:25

Sample wt/vol: 6.89(g) | Date Analyzed: 03/28/2011 07:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.3 | Level: (low/med) Low

Analysis Batch No.: 68639 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.79	U	0.79	0.56
120-82-1	1,2,4-Trichlorobenzene	0.79	U	0.79	0.42
87-61-6	1,2,3-Trichlorobenzene	0.79	U	0.79	0.51
78-87-5	1,2-Dichloropropane	0.79	U	0.79	0.25
108-87-2	Methylcyclohexane	0.79	U	0.79	0.22
127-18-4	Tetrachloroethene	0.28	J	0.79	0.26
1330-20-7	Xylenes, Total	2.4	U	2.4	0.62
96-12-8	1,2-Dibromo-3-Chloropropane	0.79	U	0.79	0.48
79-34-5	1,1,2,2-Tetrachloroethane	0.79	U	0.79	0.60
79-00-5	1,1,2-Trichloroethane	0.79	U	0.79	0.47
124-48-1	Dibromochloromethane	0.79	U	0.79	0.44
106-93-4	1,2-Dibromoethane	0.79	U	0.79	0.41
75-71-8	Dichlorodifluoromethane	0.79	U	0.79	0.32
74-97-5	Bromochloromethane	0.79	U	0.79	0.21
75-27-4	Bromodichloromethane	0.79	U	0.79	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-138
2037-26-5	Toluene-d8 (Surr)	95		66-126
460-00-4	Bromofluorobenzene	103		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15VD-E (3.5-4) Lab Sample ID: 460-24277-18

Matrix: Solid Lab File ID: o46675.d

Analysis Method: 8260B Date Collected: 03/18/2011 10:25

Sample wt/vol: 6.89(g) Date Analyzed: 03/28/2011 07:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.3 Level: (low/med) Low

Analysis Batch No.: 68639 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46675.d
Report Date: 31-Mar-2011 15:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46675.d
Lab Smp Id: 460-24277-D-18-A Client Smp ID: PMP-15VD-E (3.5-4)
Inj Date : 28-MAR-2011 07:31
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-18-A;;;6.89;5
Misc Info : 460-24277-D-18-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/8260L_10.m
Meth Date : 28-Mar-2011 04:46 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.89000	Weight of sample extracted (g)
M	8.33333	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.807	1.813	(0.447)	32048	39.5252	31
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	174217	50.0522	40
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	946635	50.0000	
	25 Trichloroethene	95	4.410	4.404	(1.092)	5193	0.86774	0.69(aH)
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	748247	47.6298	38
	35 Tetrachloroethene	166	6.586	6.592	(0.849)	2559	0.35161	0.28(a)
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	682096	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.604	(0.837)	296248	51.2687	40
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.469	(1.000)	388111	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46675.d
Report Date: 31-Mar-2011 15:58

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46675.d
Report Date: 31-Mar-2011 15:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46675.d
Lab Smp Id: 460-24277-D-18-A Client Smp ID: PMP-15VD-E (3.5-4)
Inj Date : 28-MAR-2011 07:31
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-18-A;;;6.89;5
Misc Info : 460-24277-D-18-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/8260L_10.m
Meth Date : 28-Mar-2011 04:46 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

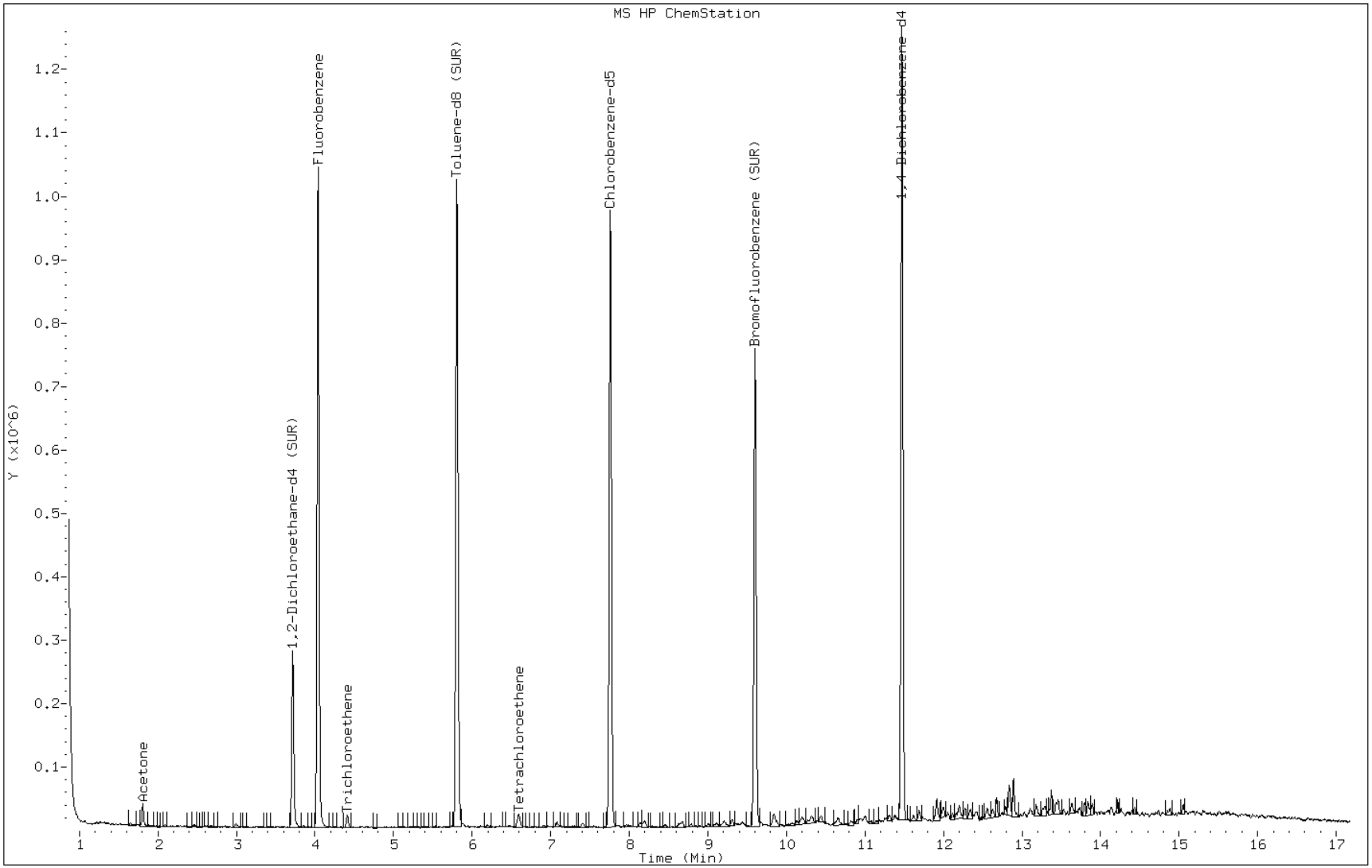
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46675.d

Date: 28-MAR-2011 07:31

Client ID: PMP-15VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-18-A;;;6.89;5 Operator: VOAMS 9



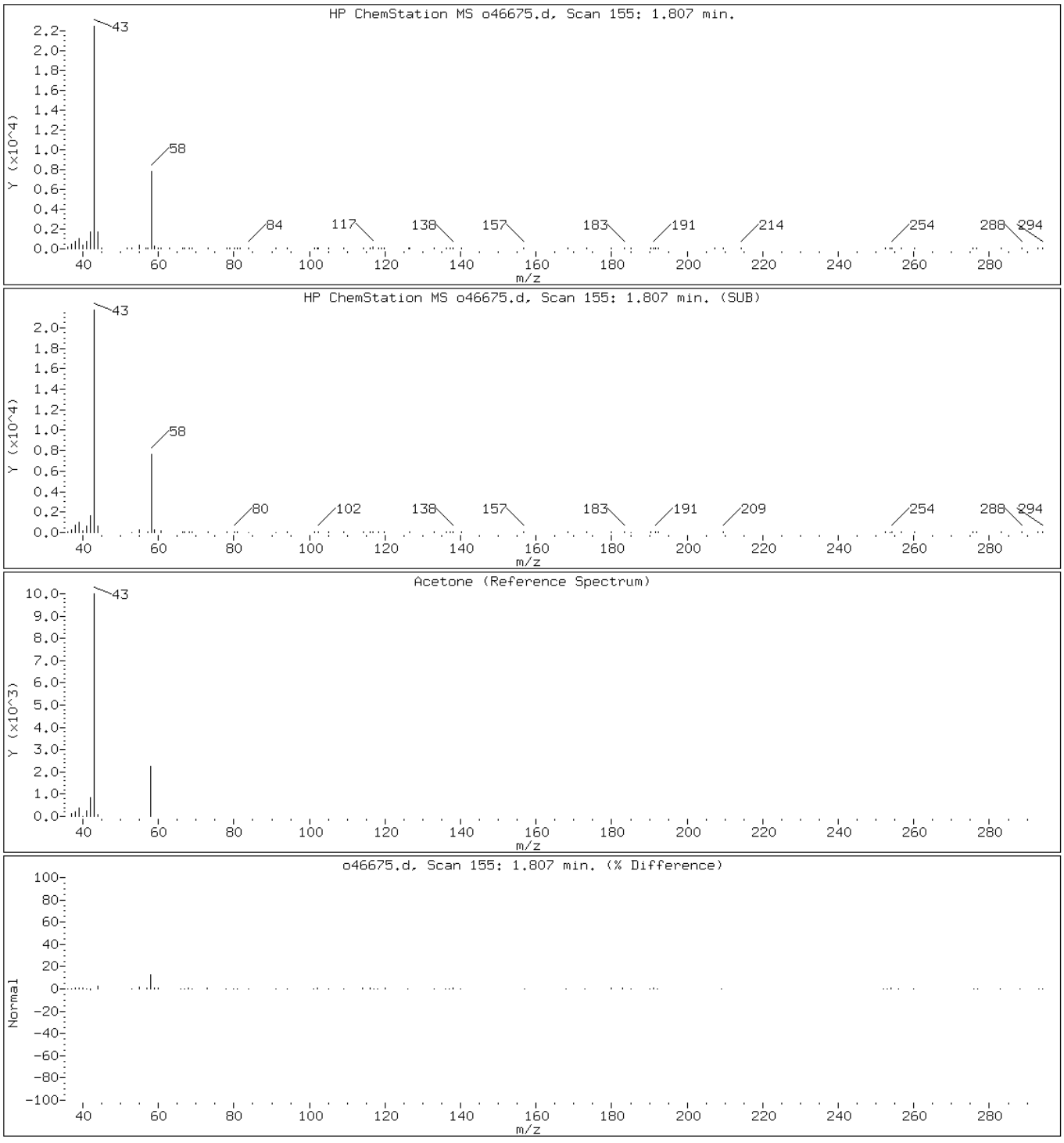
Data File: o46675.d

Date: 28-MAR-2011 07:31

Client ID: PMP-15VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-18-A;;;6.89;5 Operator: VOAMS 9

7 Acetone



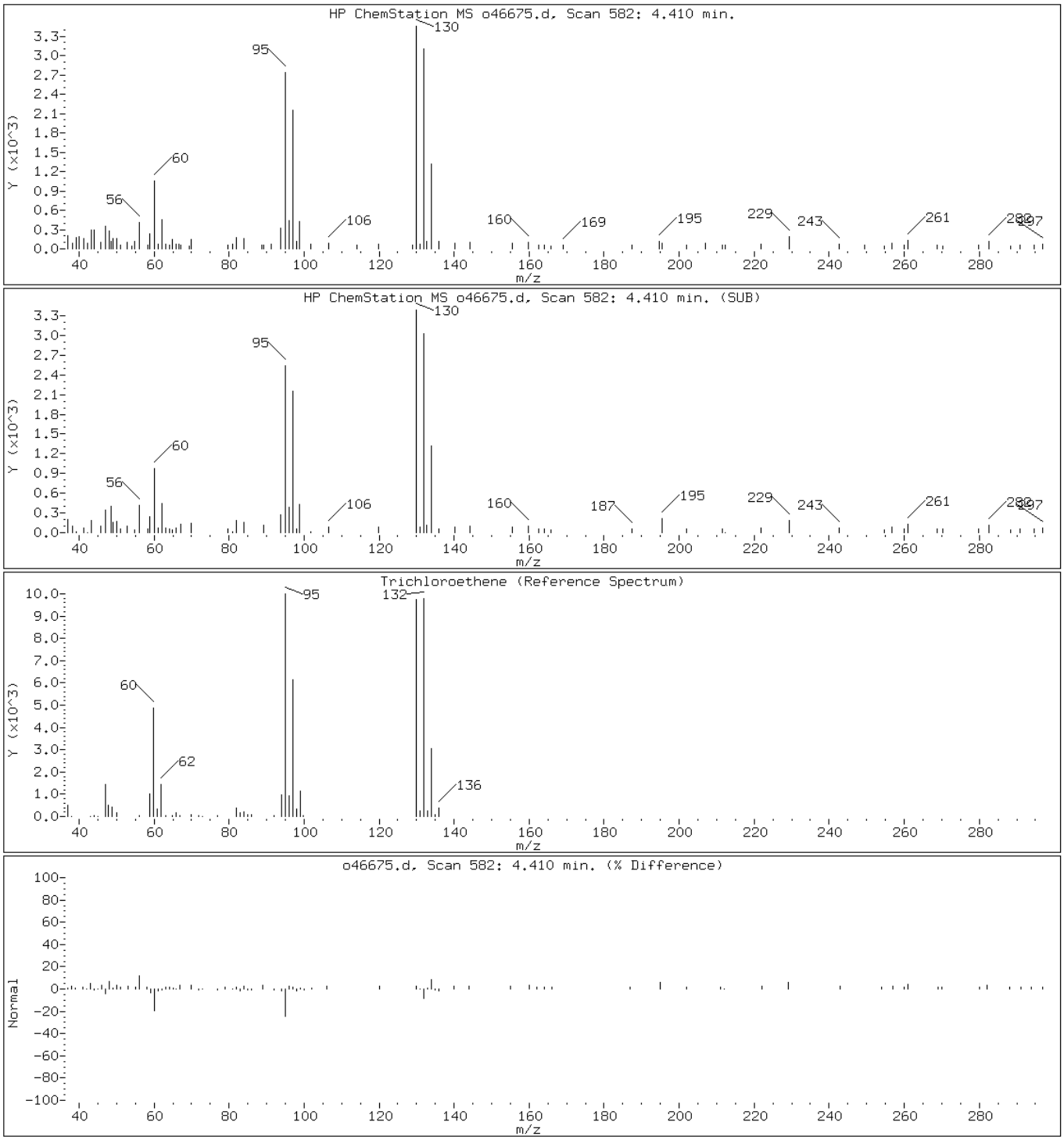
Data File: o46675.d

Date: 28-MAR-2011 07:31

Client ID: PMP-15VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-18-A;;;6.89;5 Operator: VOAMS 9

25 Trichloroethene



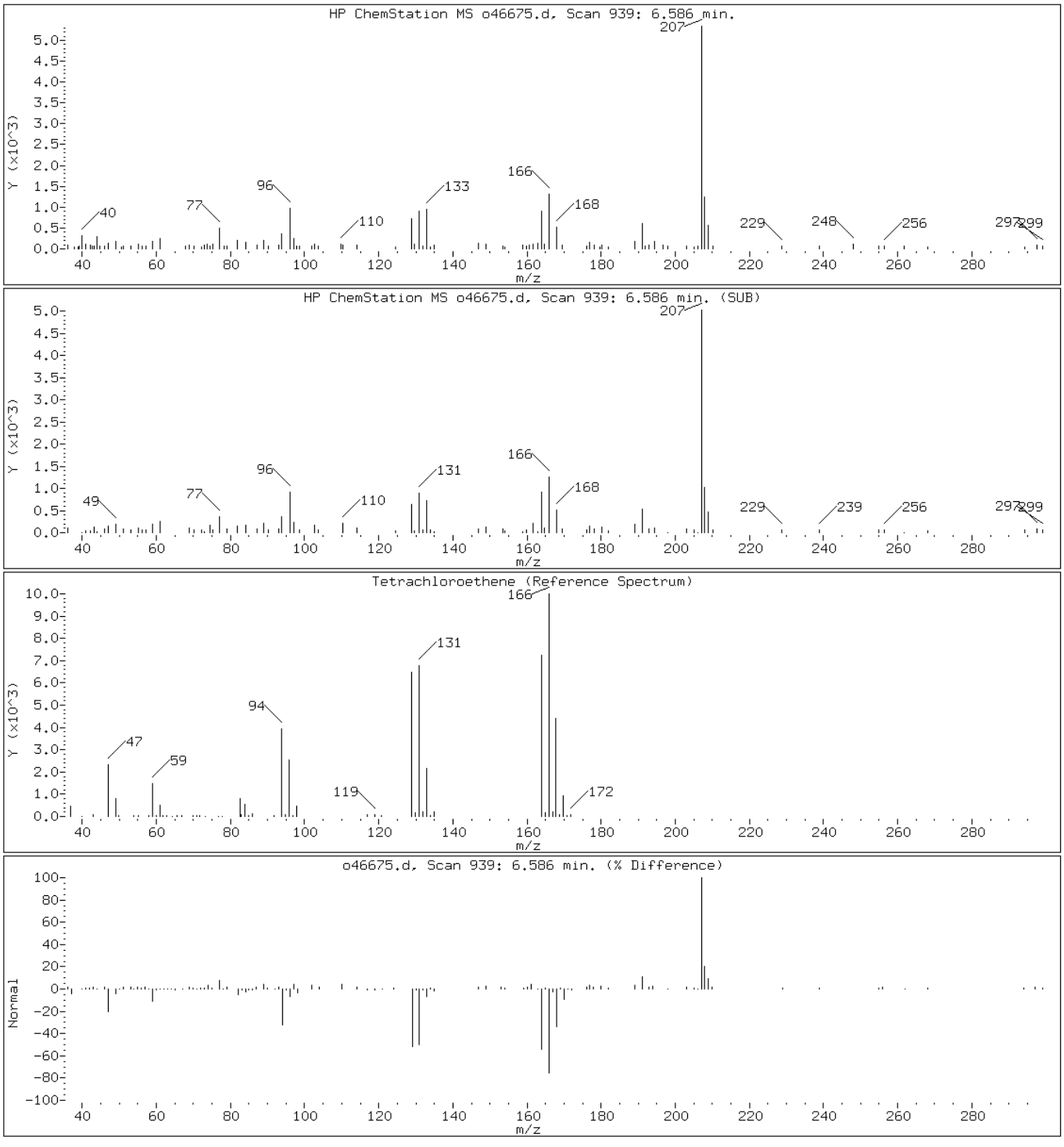
Data File: o46675.d

Date: 28-MAR-2011 07:31

Client ID: PMP-15VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-18-A;;;6.89;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-WT-E (7.5-8) | Lab Sample ID: 460-24277-19

Matrix: Solid | Lab File ID: j98635.d

Analysis Method: 8260B | Date Collected: 03/18/2011 10:30

Sample wt/vol: 6.03(g) | Date Analyzed: 03/24/2011 19:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.8 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	47	U	47	9.9
74-83-9	Bromomethane	47	U	47	15
75-01-4	Vinyl chloride	47	U	47	5.6
75-00-3	Chloroethane	47	U	47	21
75-09-2	Methylene Chloride	47	U	47	9.1
67-64-1	Acetone	470	U	470	120
75-15-0	Carbon disulfide	47	U	47	6.9
75-69-4	Trichlorofluoromethane	47	U	47	7.4
75-35-4	1,1-Dichloroethene	47	U	47	6.6
75-34-3	1,1-Dichloroethane	47	U	47	4.7
156-60-5	trans-1,2-Dichloroethene	47	U	47	6.5
156-59-2	cis-1,2-Dichloroethene	47	U	47	9.1
67-66-3	Chloroform	47	U	47	7.3
78-93-3	2-Butanone	470	U	470	39
107-06-2	1,2-Dichloroethane	47	U	47	12
71-55-6	1,1,1-Trichloroethane	47	U	47	12
56-23-5	Carbon tetrachloride	47	U	47	8.5
71-43-2	Benzene	47	U	47	5.6
75-25-2	Bromoform	47	U	47	4.7
100-42-5	Styrene	47	U	47	6.5
100-41-4	Ethylbenzene	47	U	47	12
108-90-7	Chlorobenzene	47	U	47	7.8
110-82-7	Cyclohexane	47	U	47	5.8
98-82-8	Isopropylbenzene	47	U	47	10
591-78-6	2-Hexanone	470	U	470	26
1634-04-4	MTBE	47	U	47	8.7
76-13-1	Freon TF	47	U	47	14
79-20-9	Methyl acetate	94	U	94	15
123-91-1	1,4-Dioxane	2400	U	2400	400
79-01-6	Trichloroethene	100		47	8.3
108-88-3	Toluene	47	U	47	4.5
10061-02-6	trans-1,3-Dichloropropene	47	U	47	5.7
108-10-1	4-Methyl-2-pentanone	470	U	470	32
10061-01-5	cis-1,3-Dichloropropene	47	U	47	4.8
95-50-1	1,2-Dichlorobenzene	28	J	47	7.7
541-73-1	1,3-Dichlorobenzene	47	U	47	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-WT-E (7.5-8) | Lab Sample ID: 460-24277-19

Matrix: Solid | Lab File ID: j98635.d

Analysis Method: 8260B | Date Collected: 03/18/2011 10:30

Sample wt/vol: 6.03(g) | Date Analyzed: 03/24/2011 19:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.8 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	38	J	47	7.1
120-82-1	1,2,4-Trichlorobenzene	1300		47	21
87-61-6	1,2,3-Trichlorobenzene	47	U	47	39
78-87-5	1,2-Dichloropropane	47	U	47	4.1
108-87-2	Methylcyclohexane	47	U	47	3.8
127-18-4	Tetrachloroethene	210		47	9.2
1330-20-7	Xylenes, Total	140	U	140	20
96-12-8	1,2-Dibromo-3-Chloropropane	47	U	47	7.2
79-34-5	1,1,2,2-Tetrachloroethane	47	U	47	4.1
79-00-5	1,1,2-Trichloroethane	47	U	47	4.6
124-48-1	Dibromochloromethane	47	U	47	4.7
106-93-4	1,2-Dibromoethane	47	U	47	4.3
75-71-8	Dichlorodifluoromethane	47	U	47	13
74-97-5	Bromochloromethane	47	U	47	8.1
75-27-4	Bromodichloromethane	47	U	47	4.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		57-135
2037-26-5	Toluene-d8 (Surr)	71		46-130
460-00-4	Bromofluorobenzene	104		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-WT-E (7.5-8) Lab Sample ID: 460-24277-19

Matrix: Solid Lab File ID: j98635.d

Analysis Method: 8260B Date Collected: 03/18/2011 10:30

Sample wt/vol: 6.03(g) Date Analyzed: 03/24/2011 19:45

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.8 Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 70900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkene	12.19	3800	J
	Unknown Alkene-1	12.72	4300	J
	Unknown	12.93	6400	J
	Coeluting Unknowns	13.61	4900	J
	Decahydronaphthalene isomer	14.21	9900	J
	Dimethylpropylbenzene isomer	14.73	15000	J
	Decahydromethylnaphthalene isomer	14.98	7800	J
	Decahydromethylnaphthalene isomer-1	15.27	11000	J
	Unknown Aromatic	15.74	3700	J
	Unknown Aromatic-1	15.91	4100	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98635.d
Report Date: 25-Mar-2011 14:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98635.d
Lab Smp Id: 460-24277-B-19-A Client Smp ID: PMP-15-WT-E (7.5-8)
Inj Date : 24-MAR-2011 19:45
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-19-A;50;;6.03;5
Misc Info : 460-24277-B-19-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 20
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.03000	Weight of sample extracted (g)
M	11.80556	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.476	7.474	(0.947)	386209	41.9207	2000
* 52 Fluorobenzene	96	7.893	7.883	(1.000)	1453121	50.0000	
54 Trichloroethene	95	8.324	8.332	(1.054)	27074	2.15196	100
$ 65 Toluene-d8 (SUR)	98	9.759	9.748	(0.860)	937137	35.3695	1700
71 Tetrachloroethene	166	10.447	10.441	(0.920)	59271	4.43667	210
* 78 Chlorobenzene-d5	117	11.350	11.346	(1.000)	1133161	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	12.548	12.550	(0.910)	545007	51.9443	2400
97 1,3,5-Trimethylbenzene	105	12.946	12.946	(0.939)	156404	7.08240	330
107 p-Isopropyltoluene	119	13.627	13.690	(0.988)	756986	29.5978	1400
* 108 1,4-Dichlorobenzene-d4	152	13.791	13.789	(1.000)	552940	50.0000	
109 1,4-Dichlorobenzene	146	13.818	13.815	(1.002)	16085	0.80295	38(a)
111 1,2-Dichlorobenzene	146	14.252	14.259	(1.033)	10396	0.59783	28(a)
114 1,2,4-Trichlorobenzene	180	16.413	16.417	(1.190)	297679	28.4007	1300
116 Naphthalene	128	16.863	16.868	(1.223)	742350	36.0899	1700

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98635.d
Report Date: 25-Mar-2011 14:39

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98635.d
Report Date: 25-Mar-2011 14:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98635.d
Lab Smp Id: 460-24277-B-19-A Client Smp ID: PMP-15-WT-E (7.5-8)
Inj Date : 24-MAR-2011 19:45
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-19-A;50;;6.03;5
Misc Info : 460-24277-B-19-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 20
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.03000	Weight of sample extracted (g)
M	11.80556	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.350	4022458	50.000
* 108 1,4-Dichlorobenzene-d4	13.791	4145835	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H18 Cycloalkane					CAS #:		
11.605	4346682	54.0301669	2500	0		0	78
C9H18 Cycloalkane-1					CAS #:		
11.931	4383152	54.4834862	2600	0		0	78

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98635.d
Report Date: 25-Mar-2011 14:39

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkene					CAS #:		
12.187	6507980	80.8955407	3800	0		0	78
Unknown Alkene-1					CAS #:		
12.718	7520625	90.7009529	4300	0		0	108
Unknown					CAS #:		
12.929	11217967	135.291984	6400	0		0	108(L)
Unknown Alkene-2					CAS #:		
13.239	4736481	57.1233495	2700	0		0	108
Decahydronaphthalene isomer					CAS #:		
13.428	6086177	73.4010884	3400	0		0	108
Coeluting Unknowns					CAS #:		
13.610	8601619	103.738050	4900	0		0	108(L)
Unknown-1					CAS #:		
13.938	5240517	63.2021716	3000	0		0	108
Decahydronaphthalene isomer					CAS #:		
14.215	17418700	210.074641	9900	0		0	108(L)
Methylpropylbenzene isomer					CAS #:		
14.361	3676454	44.3391128	2100	0		0	108
Ethyldimethylbenzene isomer					CAS #:		
14.558	4105899	49.5183464	2300	0		0	108
Dimethylpropylbenzene isomer					CAS #:		
14.734	25728493	310.293195	14000	0		0	108
Decahydromethylnaphthalene isomer					CAS #:		
14.979	13688352	165.085554	7800	0		0	108
Decahydromethylnaphthalene isomer-1					CAS #:		
15.265	19265173	232.343651	11000	0		0	108
Coeluting Unknowns-1					CAS #:		
15.448	3138628	37.8527744	1800	0		0	108
Unknown Aromatic					CAS #:		
15.741	6527941	78.7288895	3700	0		0	108

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98635.d
Report Date: 25-Mar-2011 14:39

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown Aromatic-1					CAS #:		
15.905	7230569	87.2027900	4100	0		0	108
Unknown-2					CAS #:		
16.098	5236799	63.1573420	3000	0		0	108

QC Flag Legend

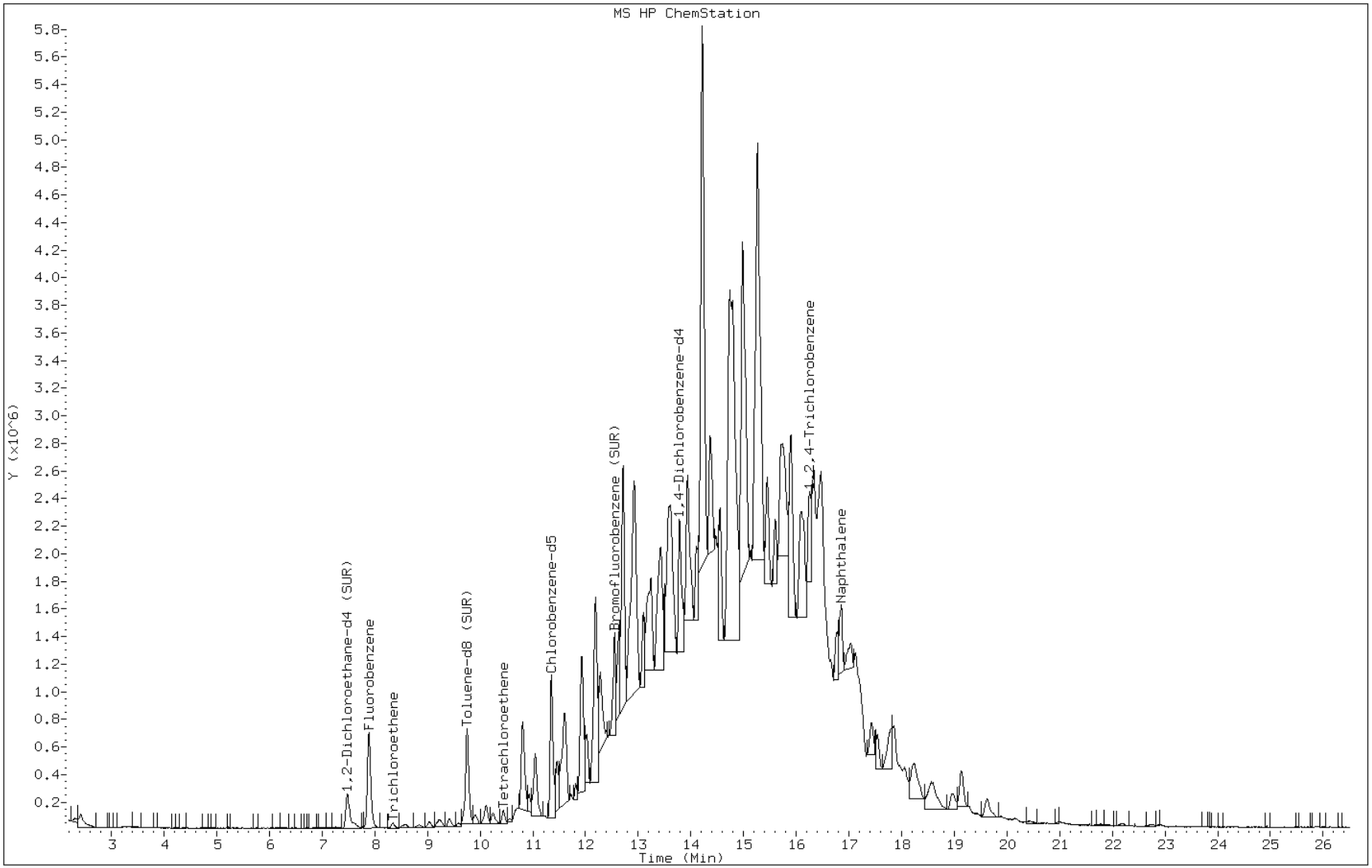
L - Operator selected an alternate library search match.

Data File: j98635.d

Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:



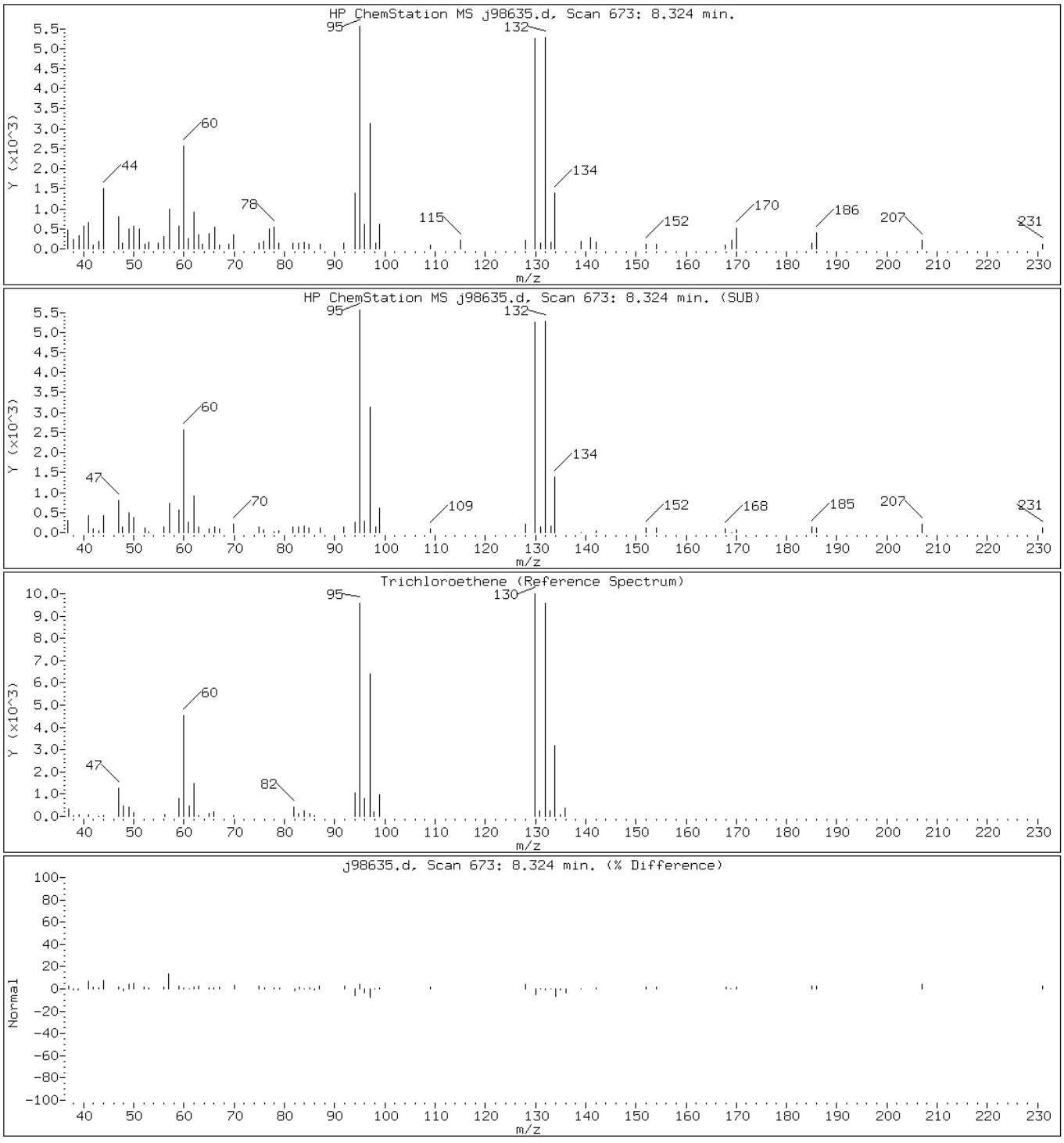
Data File: j98635.d

Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

54 Trichloroethene



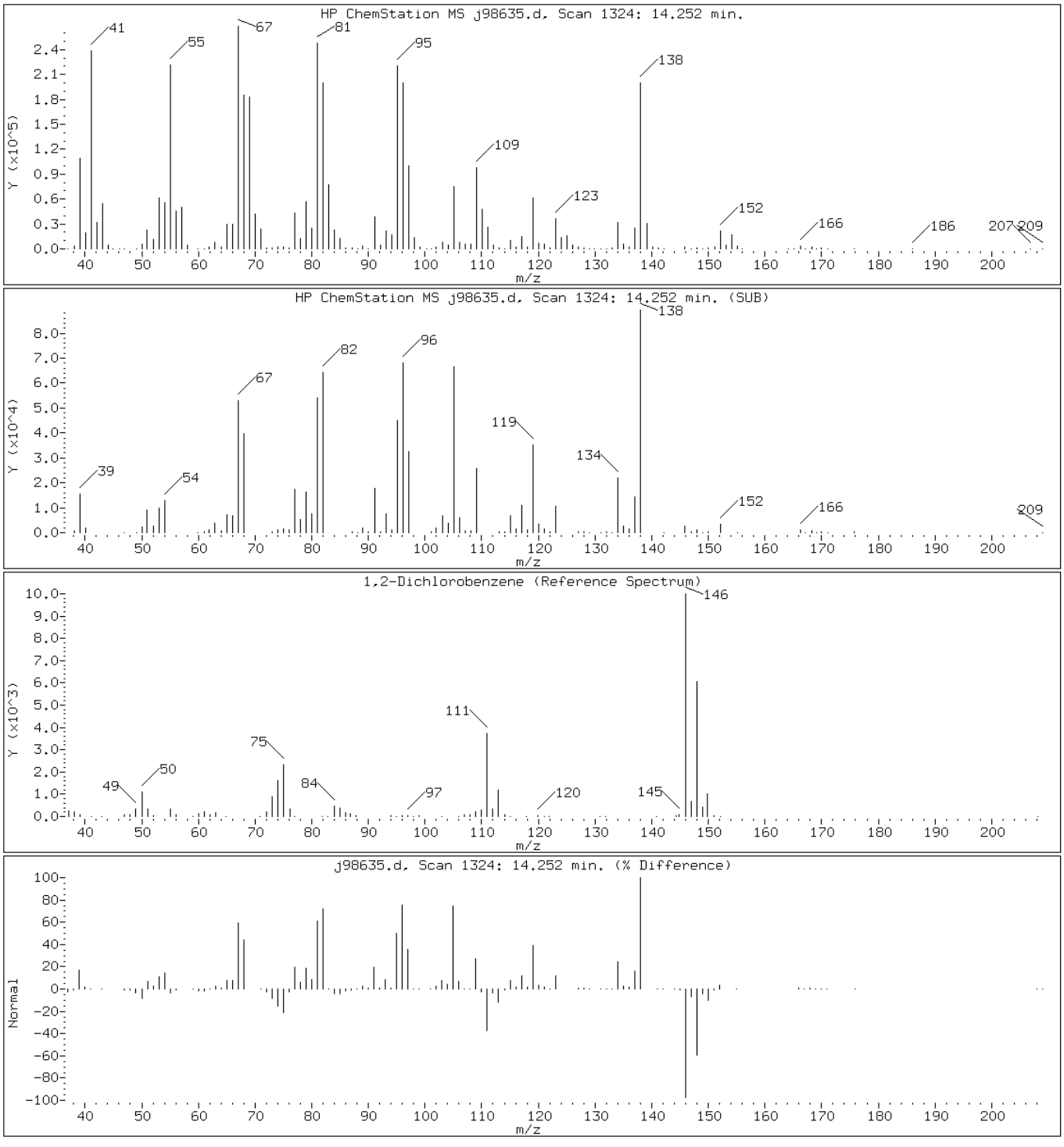
Data File: j98635.d

Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

111 1,2-Dichlorobenzene



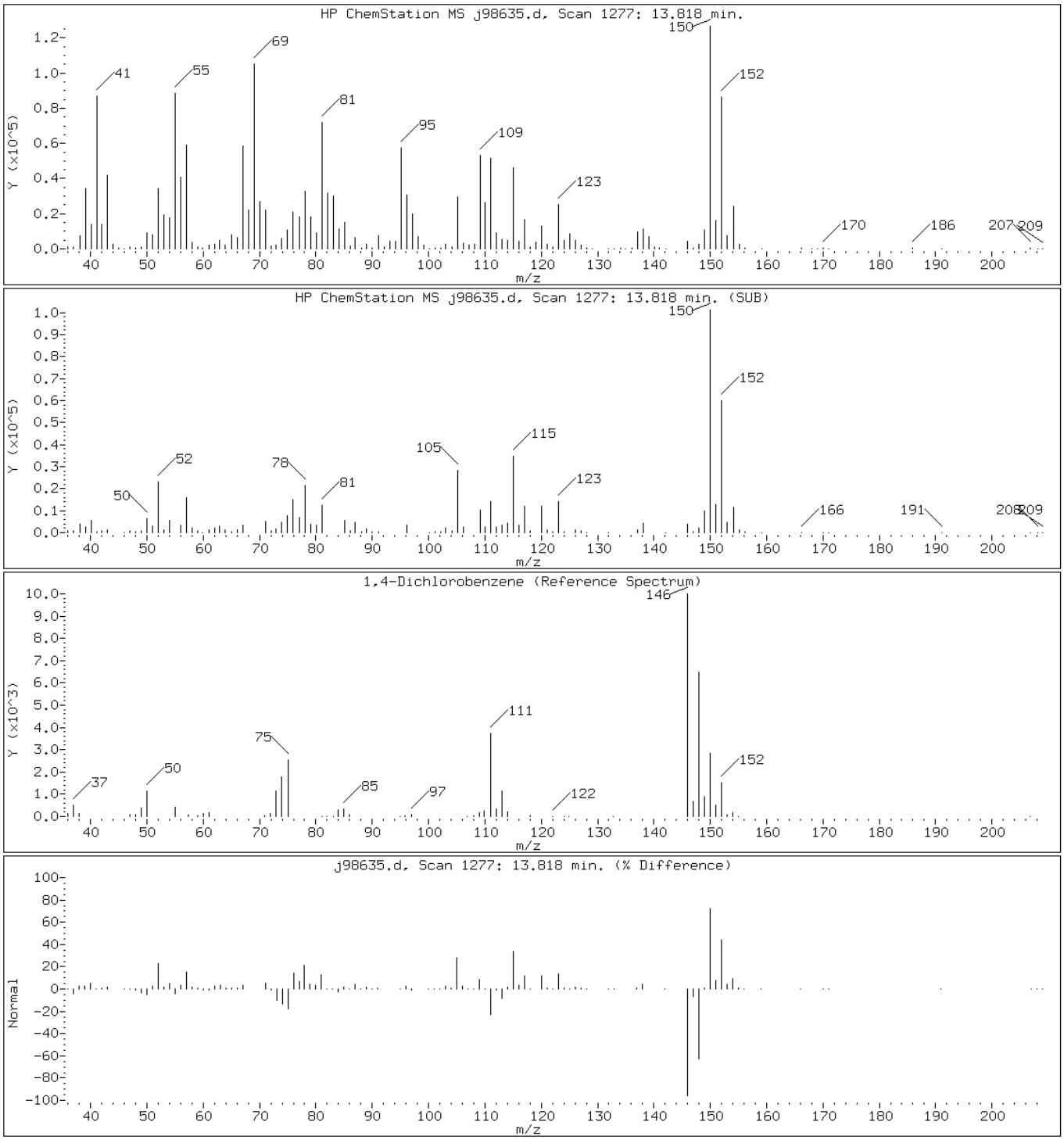
Data File: j98635.d

Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

109 1,4-Dichlorobenzene



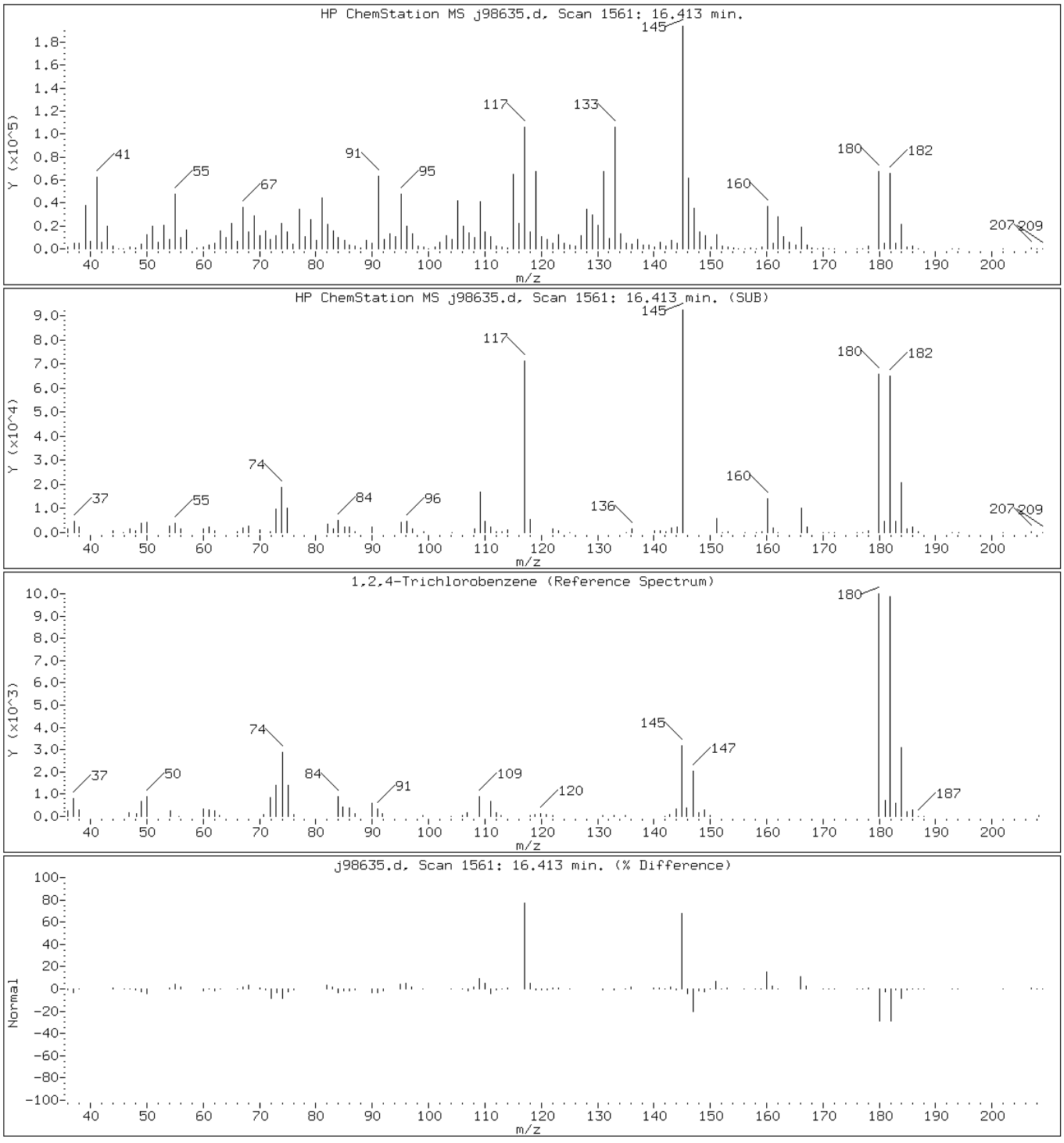
Data File: j98635.d

Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

114 1,2,4-Trichlorobenzene



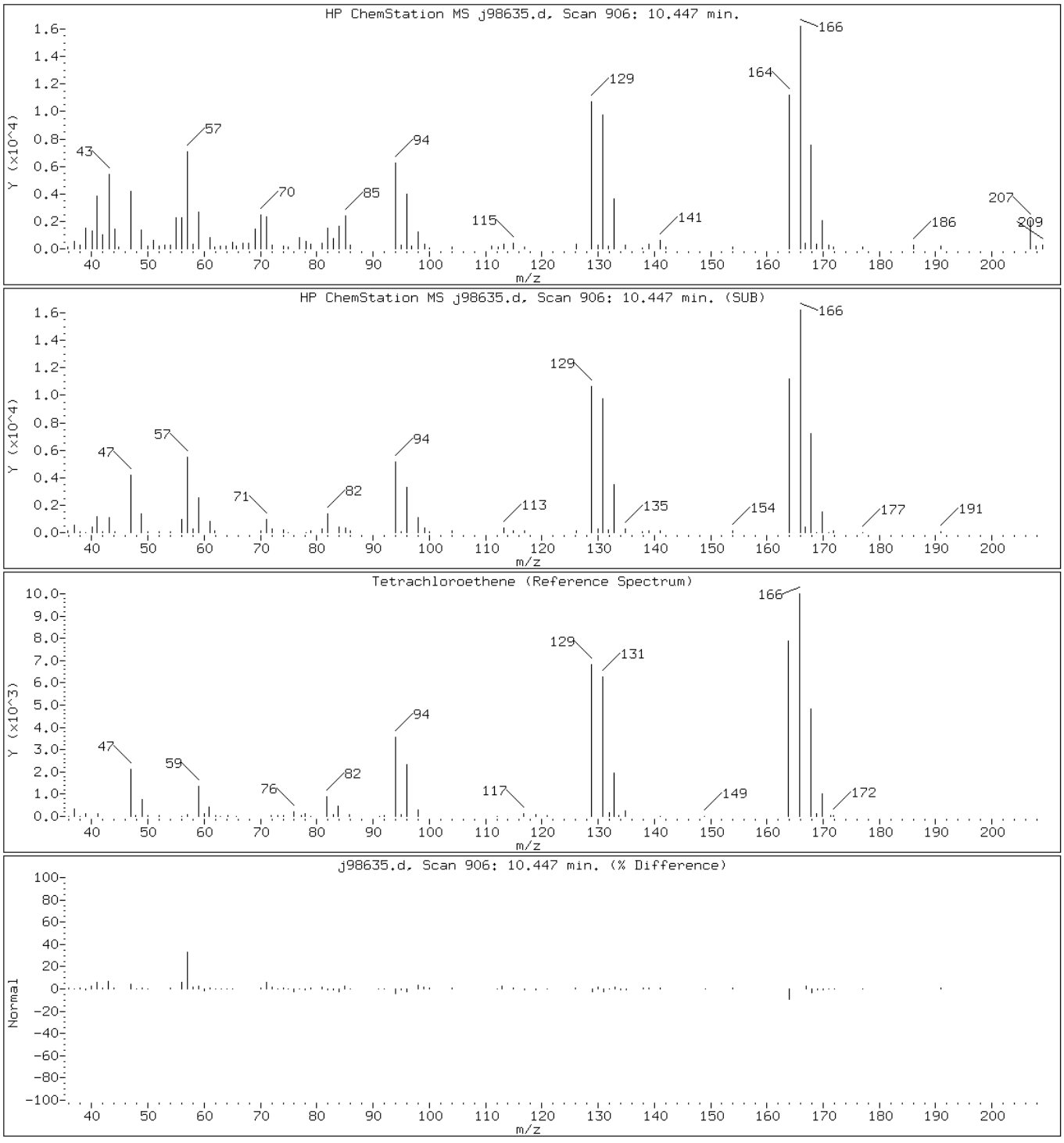
Data File: j98635.d

Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

71 Tetrachloroethene



Data File: j98635.d

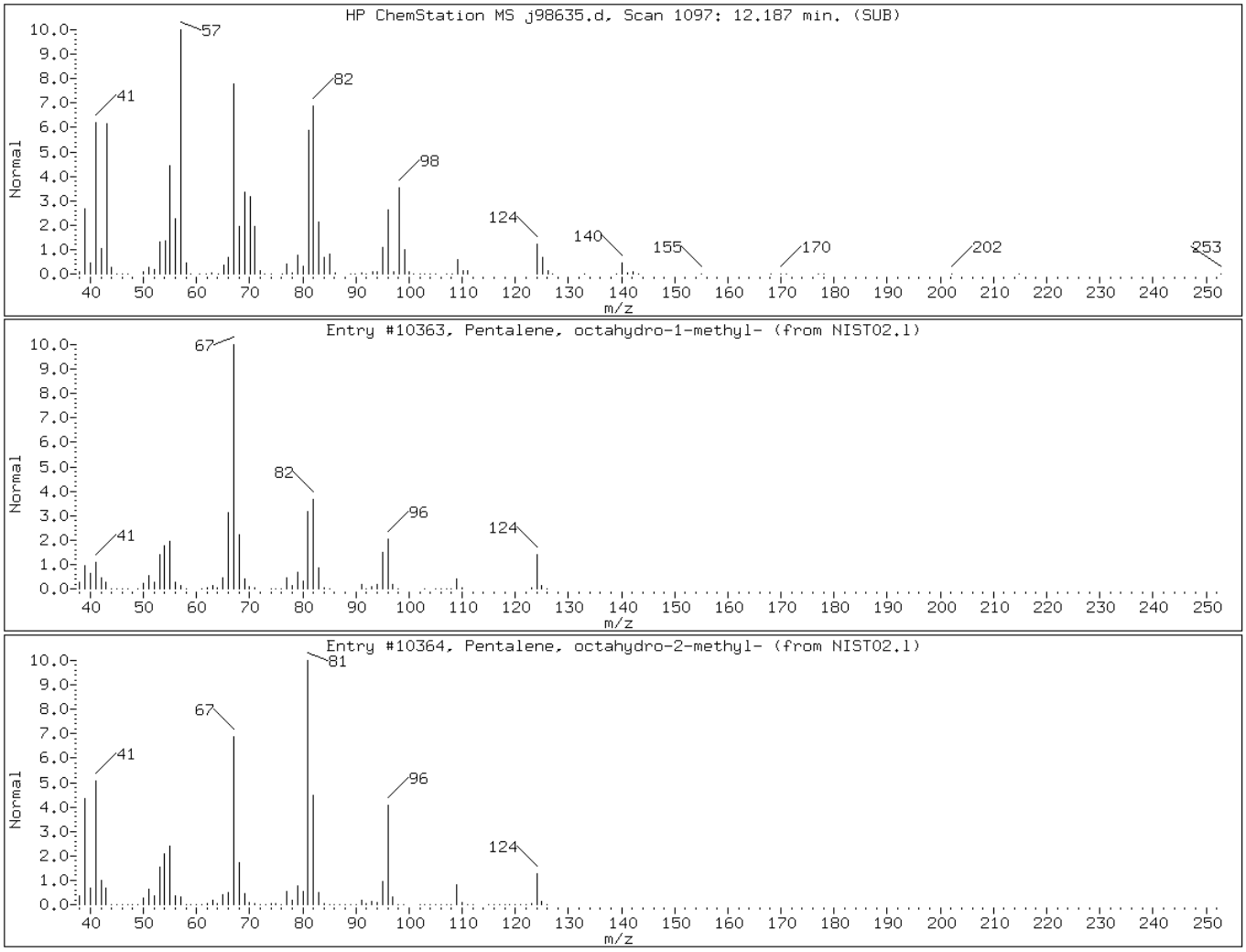
Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

Retention Time: 12.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkene						
Pentalene, octahydro-1-methyl-	32273-77-1	NIST02.l	10363	43	C9H16	124
Pentalene, octahydro-2-methyl-	3868-64-2	NIST02.l	10364	42	C9H16	124



Data File: j98635.d

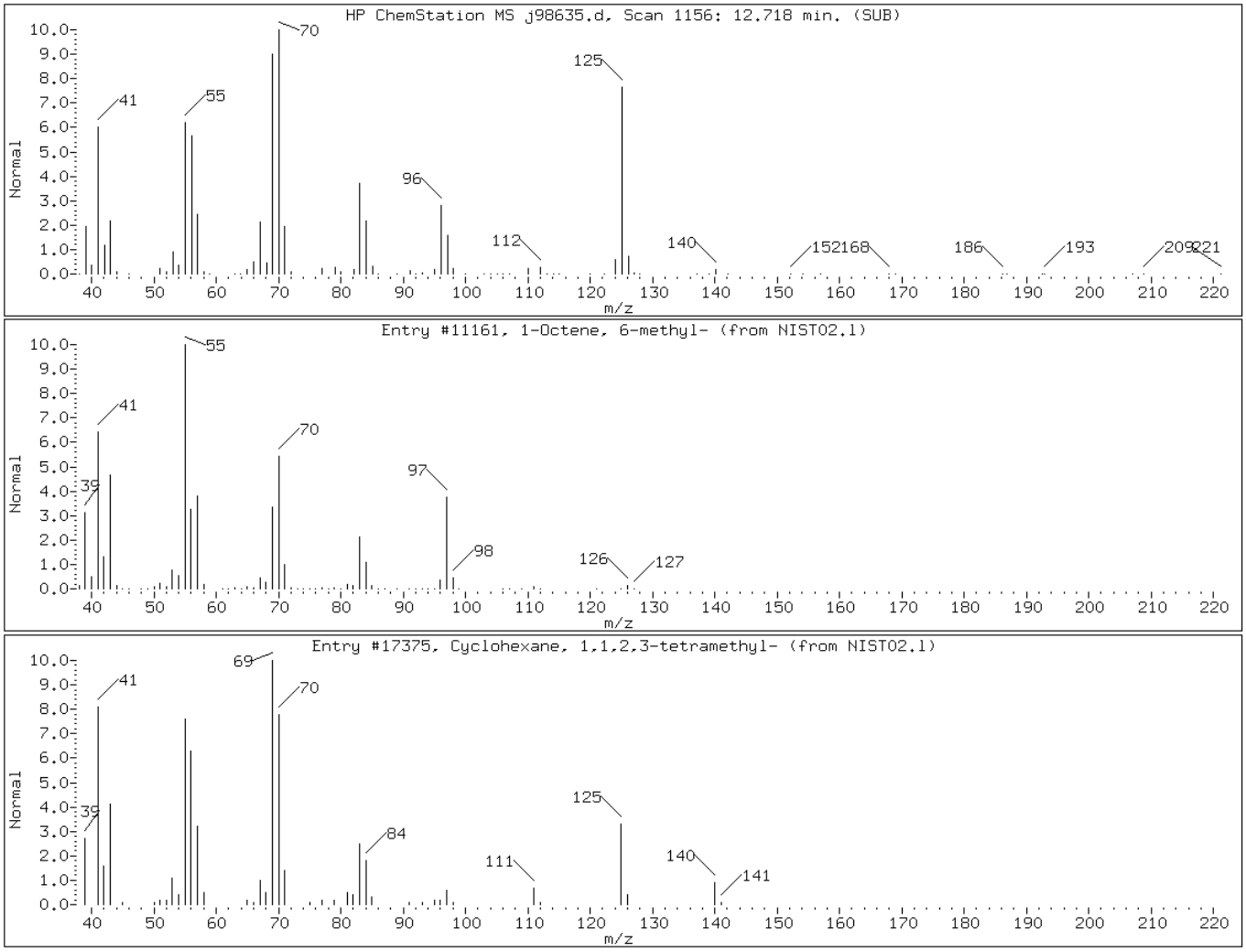
Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

Retention Time: 12.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkene-1						
1-Octene, 6-methyl-	13151-10-5	NIST02.l	11161	53	C9H18	126
Cyclohexane, 1,1,2,3-tetramethyl-	6783-92-2	NIST02.l	17375	53	C10H20	140



Data File: j98635.d

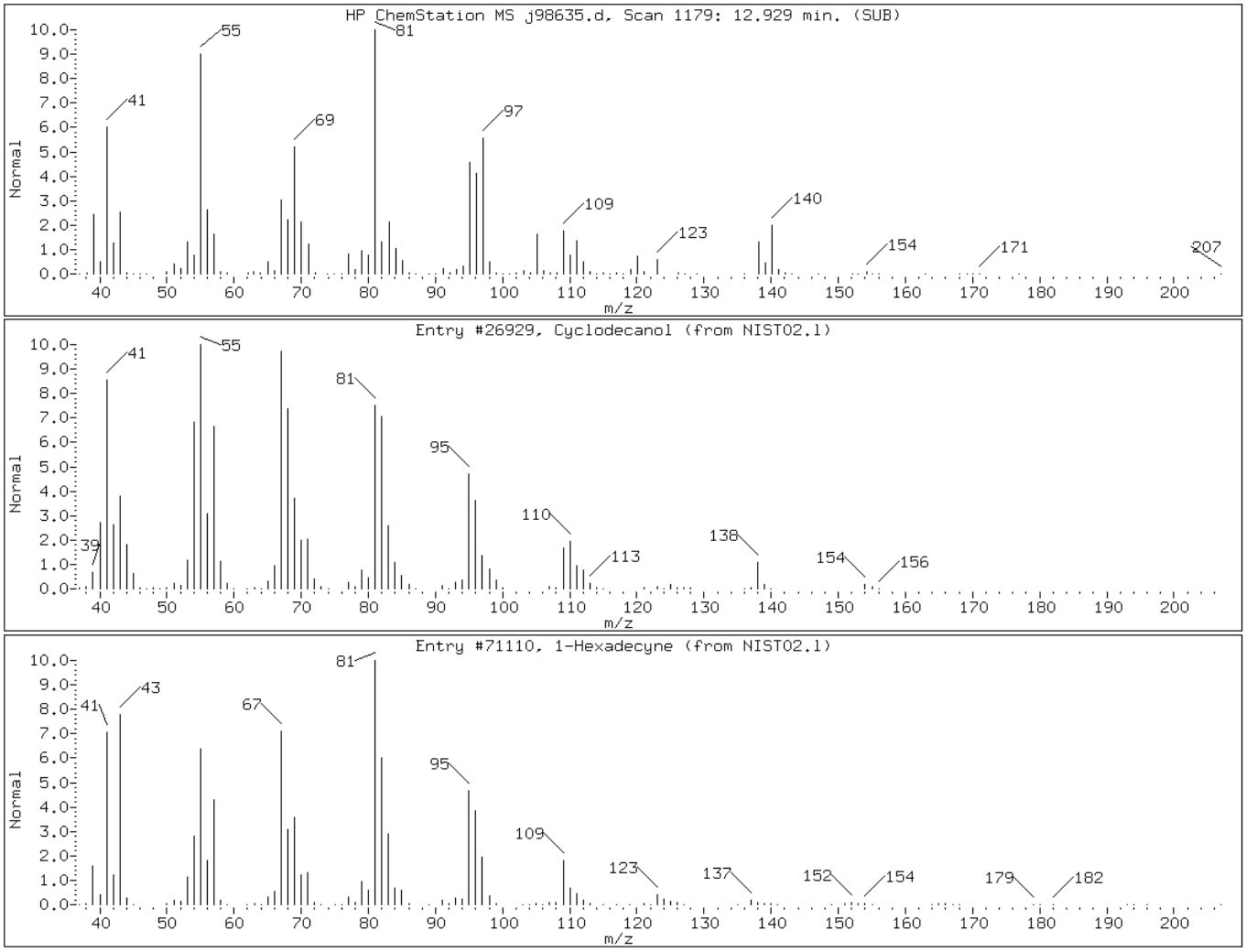
Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

Retention Time: 12.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclodecanol	1502-05-2	NIST02.l	26929	64	C10H20O	156
1-Hexadecyne	629-74-3	NIST02.l	71110	64	C16H30	222



Data File: j98635.d

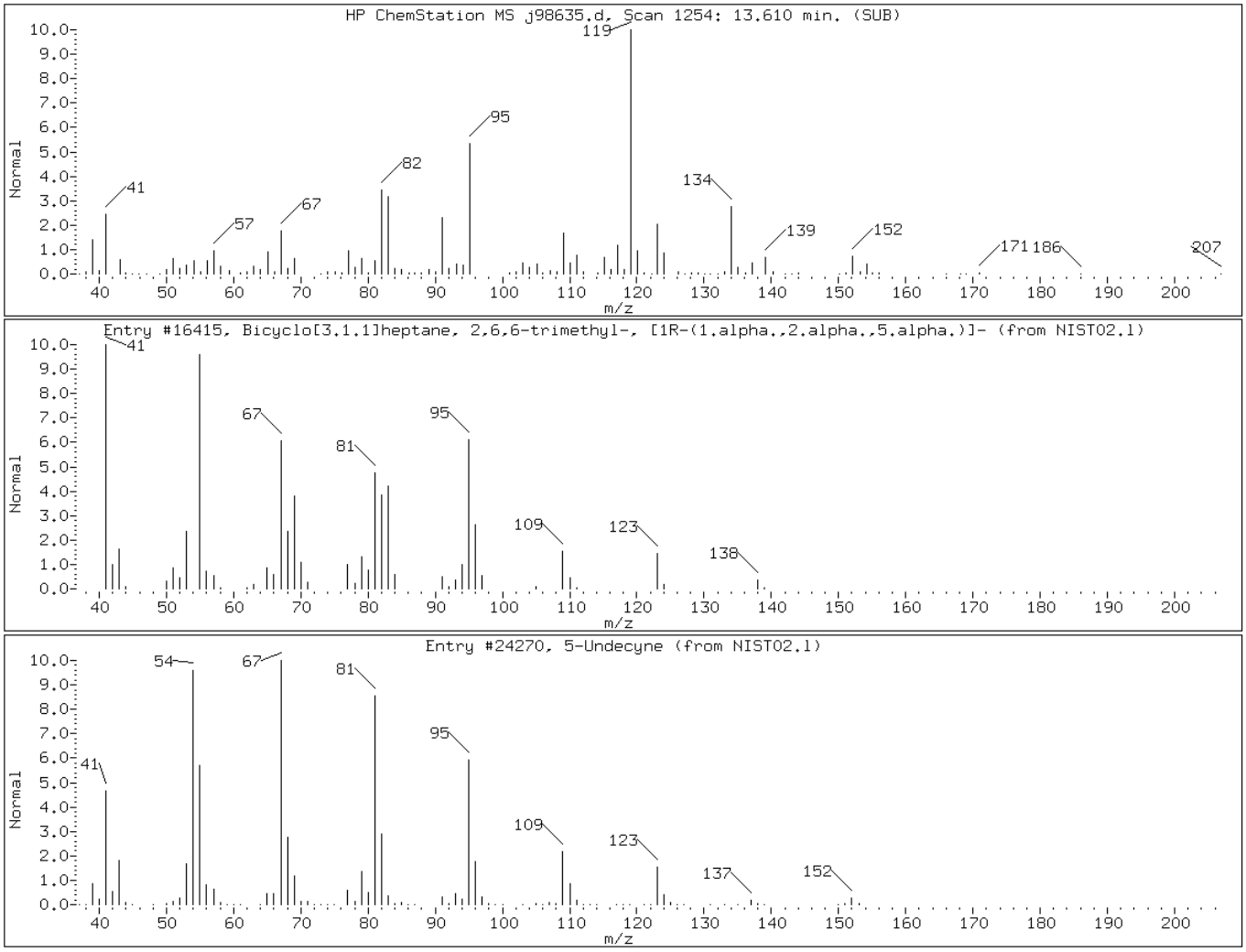
Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

Retention Time: 13.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
Bicyclo[3.1.1]heptane, 2,6,6-trime	4863-59-6	NIST02.l	16415	64	C10H18	138
5-Undecyne	2294-72-6	NIST02.l	24270	46	C11H20	152



Data File: j98635.d

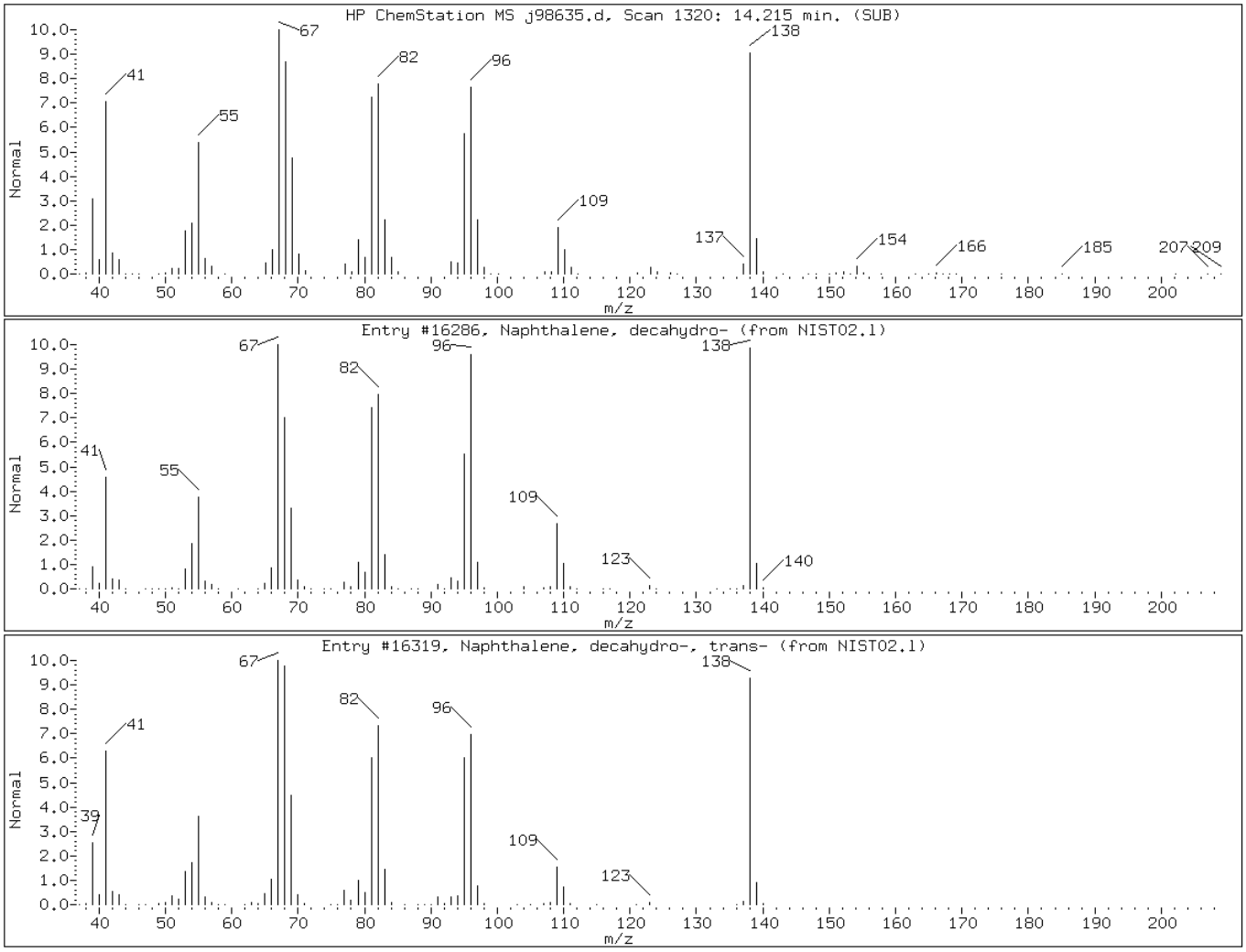
Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

Retention Time: 14.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-	91-17-8	NIST02.l	16286	98	C10H18	138
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	96	C10H18	138



Data File: j98635.d

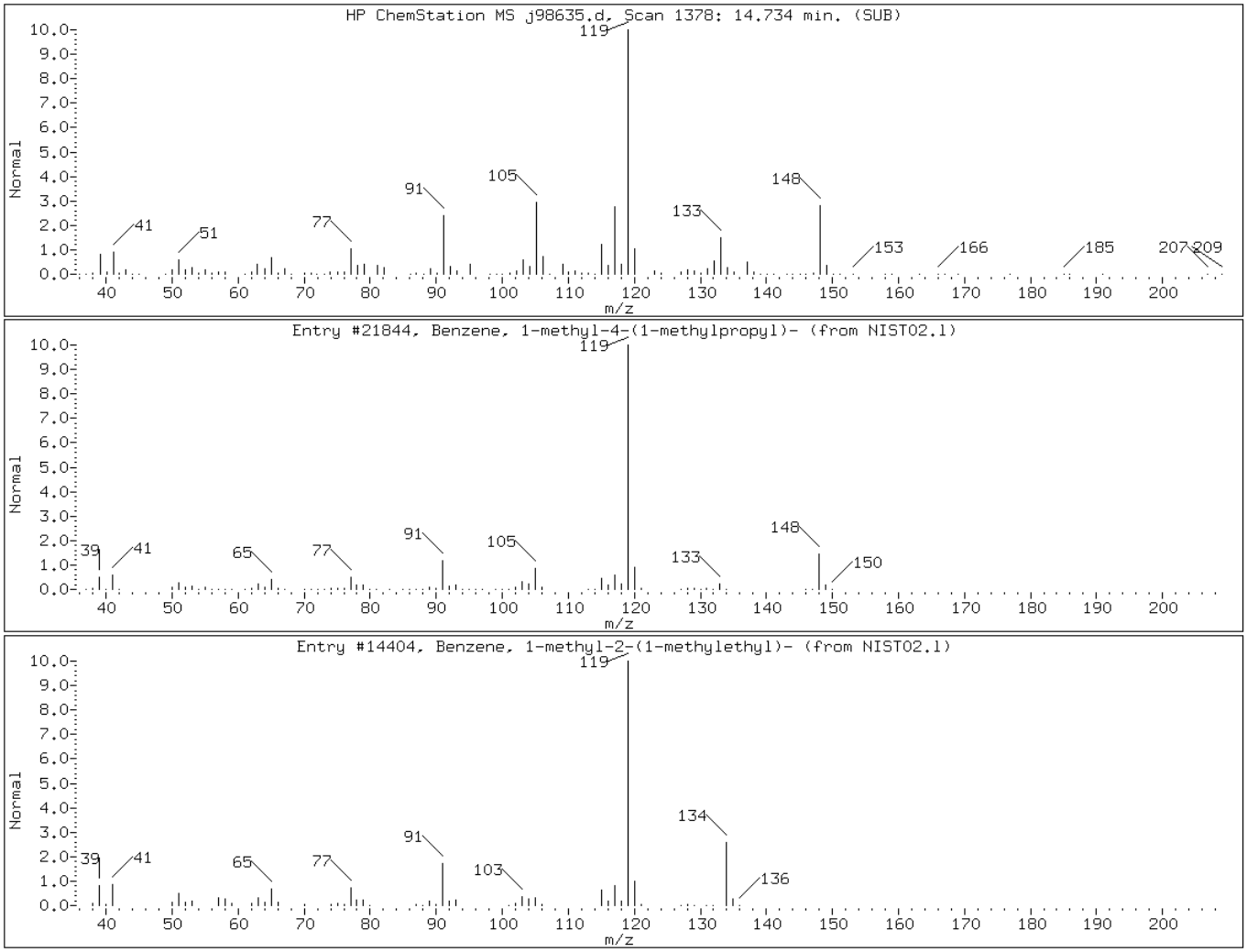
Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

Retention Time: 14.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylpropylbenzene isomer						
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	64	C11H16	148
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	55	C10H14	134



Data File: j98635.d

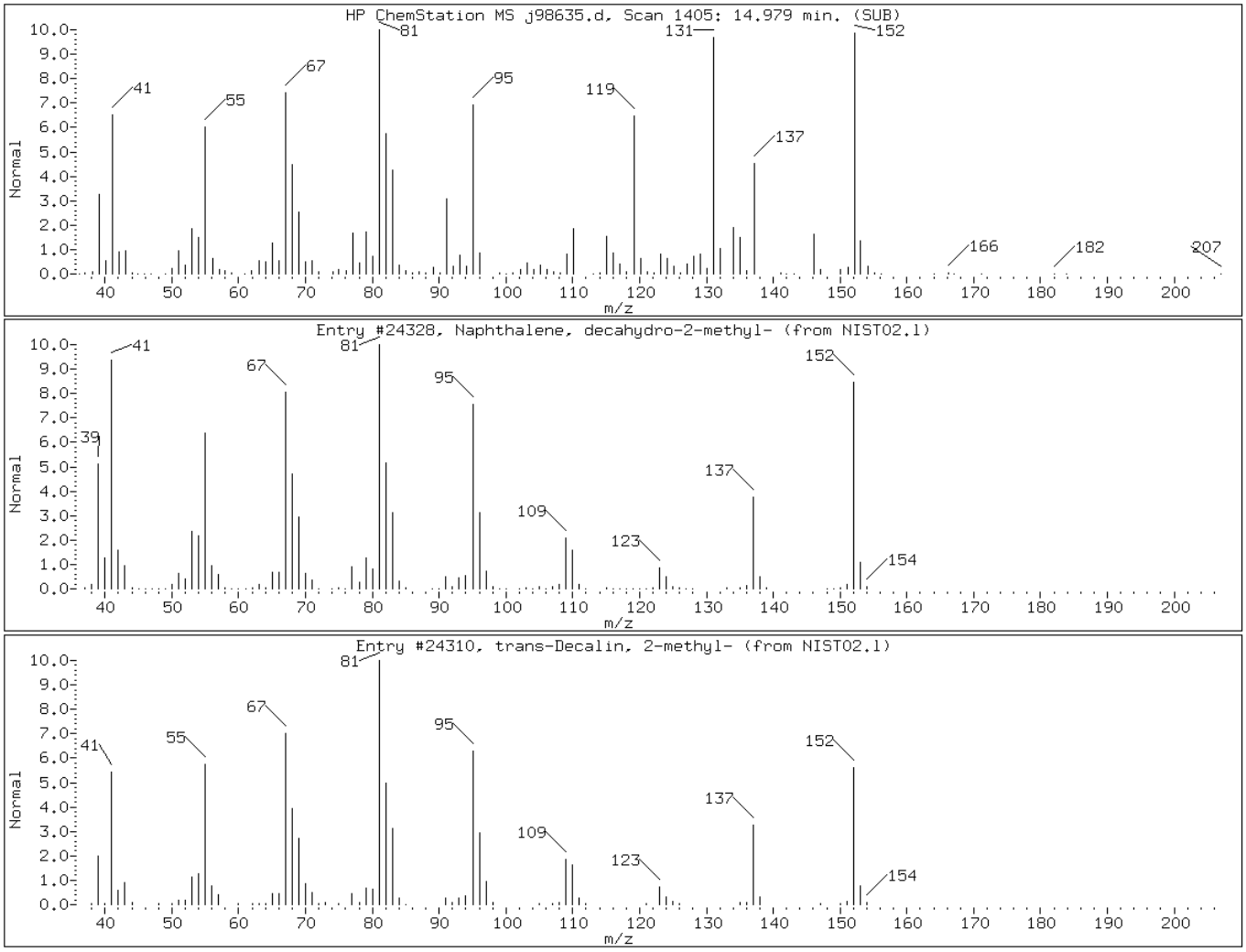
Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

Retention Time: 14.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	89	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	89	C11H20	152



Data File: j98635.d

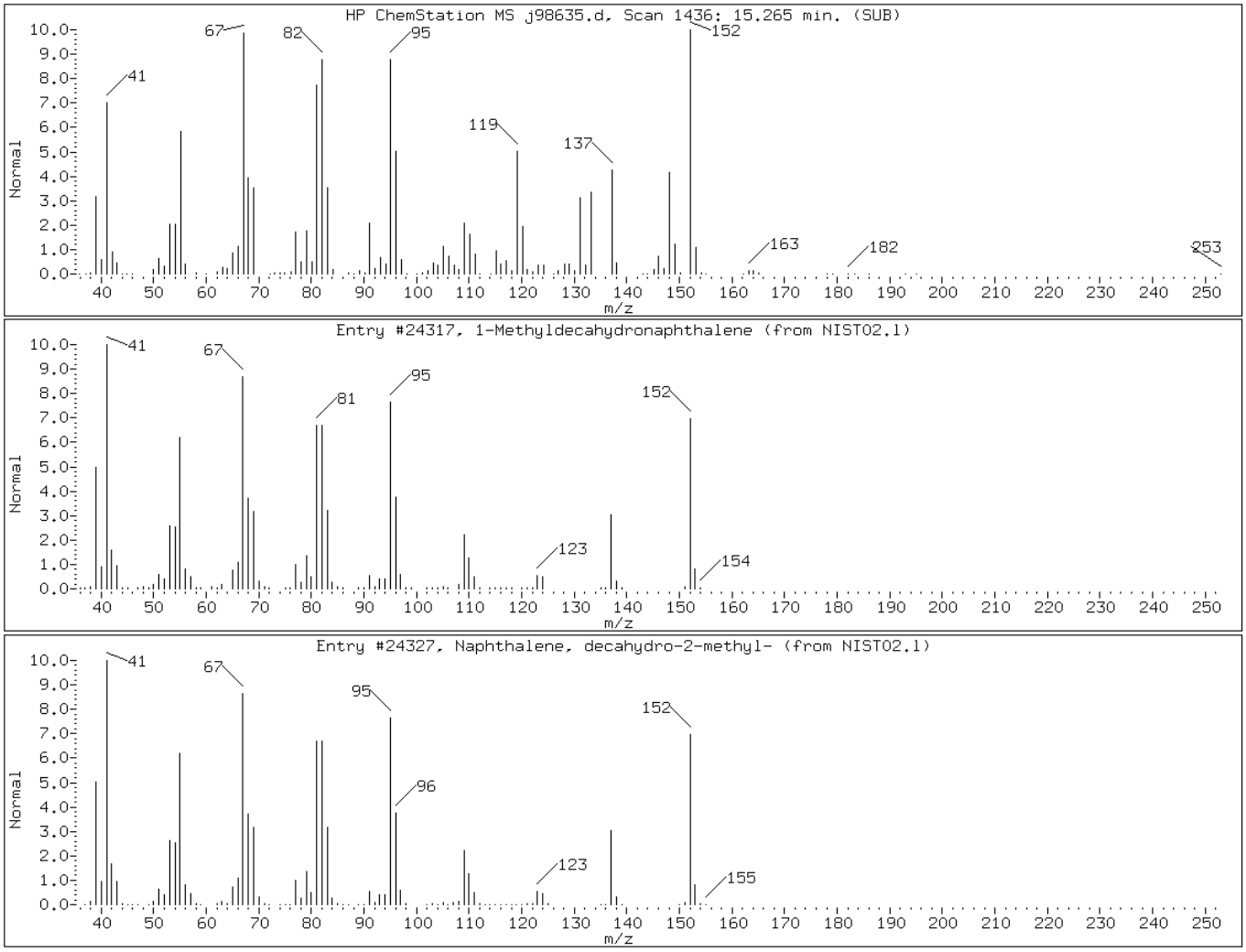
Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

Retention Time: 15.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	86	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	86	C11H20	152



Data File: j98635.d

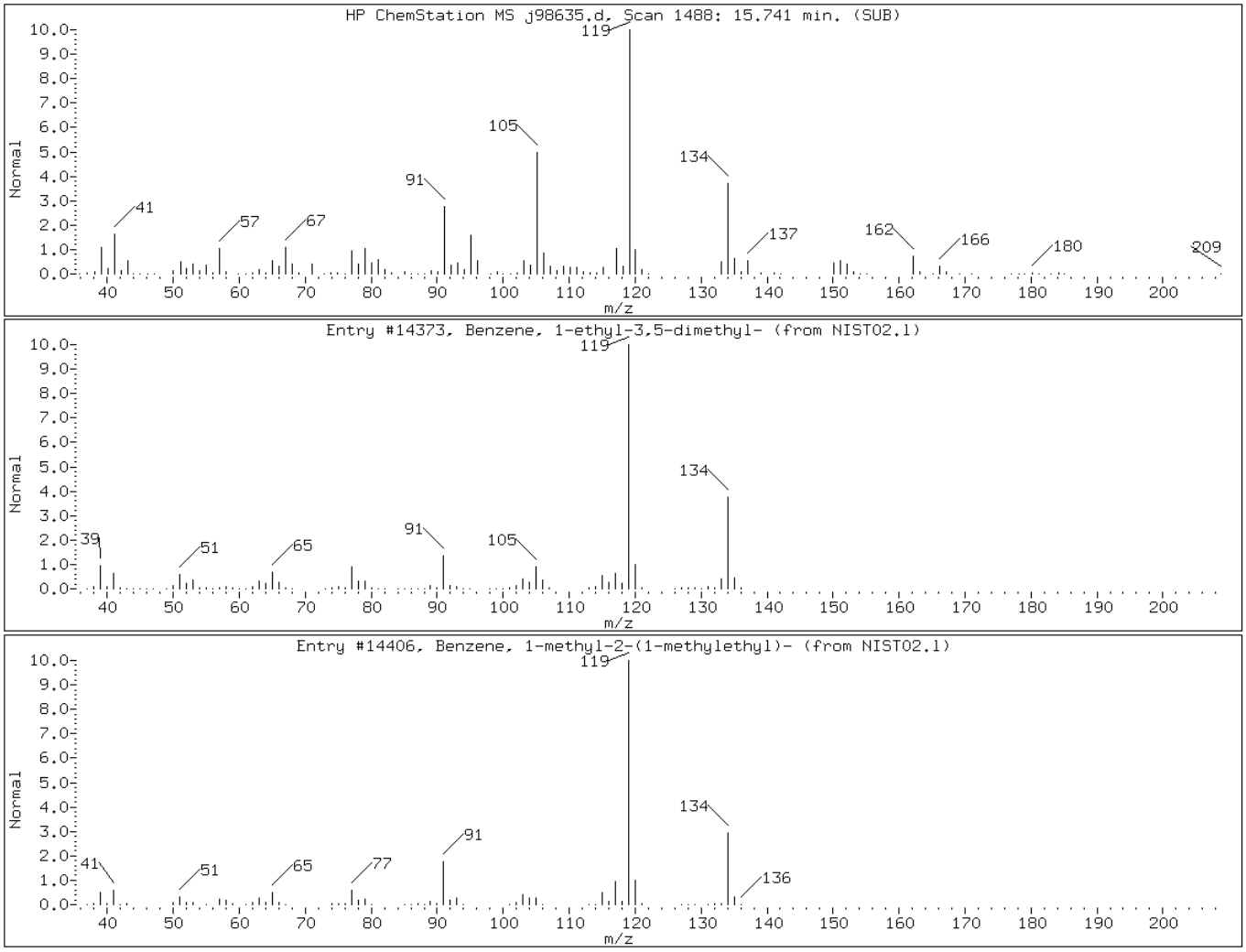
Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

Retention Time: 15.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14373	76	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	76	C10H14	134



Data File: j98635.d

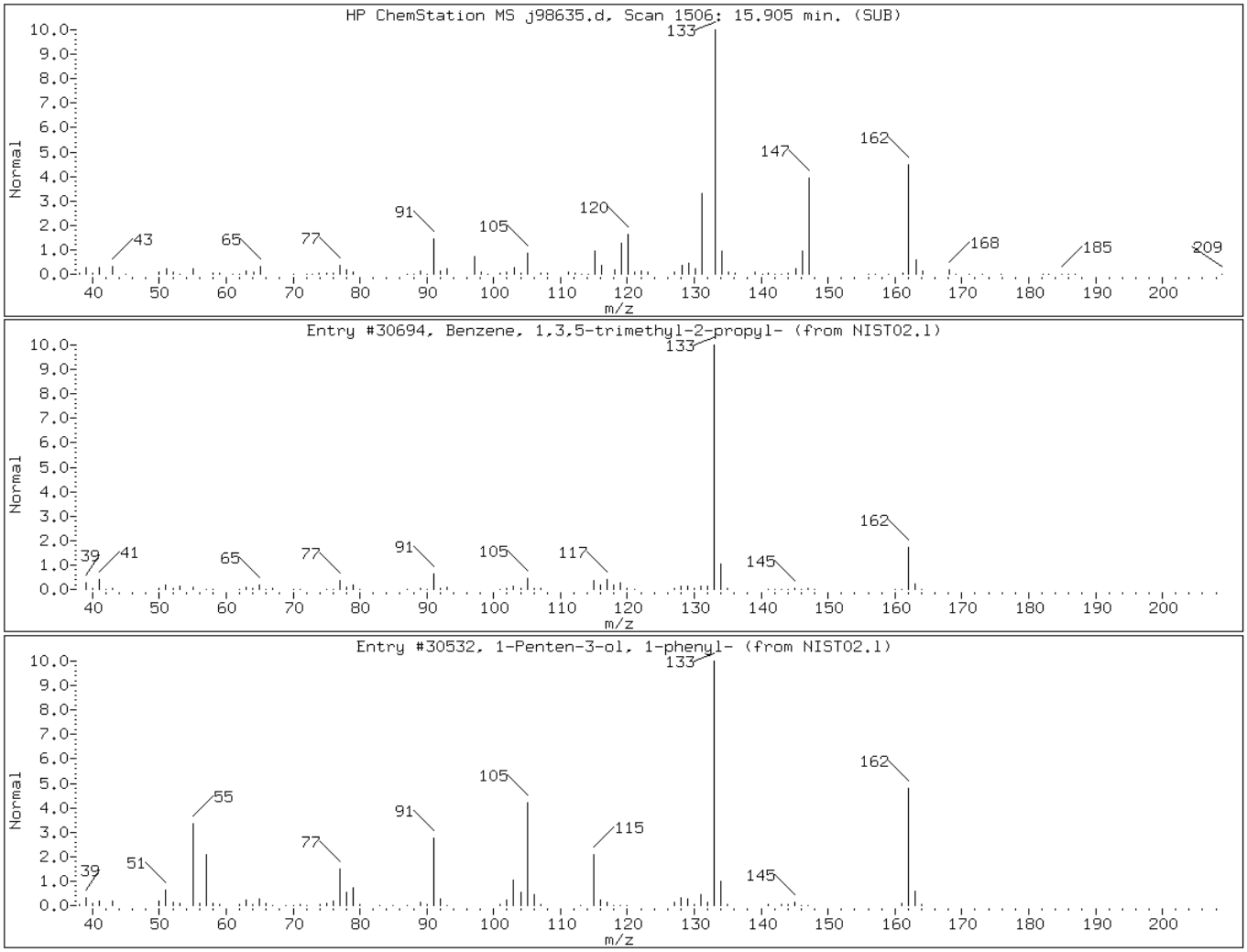
Date: 24-MAR-2011 19:45

Client ID: PMP-15-WT-E (7.5-8) Instrument: VOAMS8.i

Sample Info: 460-24277-B-19-A;50;;6.03;5 Operator:

Retention Time: 15.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-1						
Benzene, 1,3,5-trimethyl-2-propyl-	4810-04-2	NIST02.l	30694	49	C12H18	162
1-Penten-3-ol, 1-phenyl-	34862-94-7	NIST02.l	30532	47	C11H14O	162



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SI-E (15.5-16) | Lab Sample ID: 460-24277-20

Matrix: Solid | Lab File ID: o46676.d

Analysis Method: 8260B | Date Collected: 03/18/2011 10:35

Sample wt/vol: 5.91(g) | Date Analyzed: 03/28/2011 07:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.6 | Level: (low/med) Low

Analysis Batch No.: 68639 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.98	U	0.98	0.62
74-83-9	Bromomethane	0.98	U	0.98	0.40
75-01-4	Vinyl chloride	0.98	U	0.98	0.23
75-00-3	Chloroethane	0.98	U	0.98	0.39
75-09-2	Methylene Chloride	0.98	U	0.98	0.46
67-64-1	Acetone	25		9.8	3.6
75-15-0	Carbon disulfide	3.1		0.98	0.46
75-69-4	Trichlorofluoromethane	0.98	U	0.98	0.25
75-35-4	1,1-Dichloroethene	0.98	U	0.98	0.36
75-34-3	1,1-Dichloroethane	0.98	U	0.98	0.25
156-60-5	trans-1,2-Dichloroethene	0.98	U	0.98	0.28
156-59-2	cis-1,2-Dichloroethene	0.34	J	0.98	0.23
67-66-3	Chloroform	0.98	U	0.98	0.23
78-93-3	2-Butanone	9.8	U	9.8	0.56
107-06-2	1,2-Dichloroethane	0.98	U	0.98	0.38
71-55-6	1,1,1-Trichloroethane	0.98	U	0.98	0.18
56-23-5	Carbon tetrachloride	0.98	U	0.98	0.099
71-43-2	Benzene	0.98	U	0.98	0.72
75-25-2	Bromoform	0.98	U	0.98	0.69
100-42-5	Styrene	0.98	U	0.98	0.34
100-41-4	Ethylbenzene	0.98	U	0.98	0.19
108-90-7	Chlorobenzene	0.98	U	0.98	0.47
110-82-7	Cyclohexane	0.98	U	0.98	0.22
98-82-8	Isopropylbenzene	0.98	U	0.98	0.25
591-78-6	2-Hexanone	9.8	U	9.8	1.6
1634-04-4	MTBE	0.98	U	0.98	0.34
76-13-1	Freon TF	0.98	U	0.98	0.47
79-20-9	Methyl acetate	0.98	U	0.98	0.88
123-91-1	1,4-Dioxane	49	U	49	4.1
79-01-6	Trichloroethene	0.98	U	0.98	0.36
108-88-3	Toluene	0.98	U	0.98	0.29
10061-02-6	trans-1,3-Dichloropropene	0.98	U	0.98	0.22
108-10-1	4-Methyl-2-pentanone	9.8	U	9.8	0.70
10061-01-5	cis-1,3-Dichloropropene	0.98	U	0.98	0.20
95-50-1	1,2-Dichlorobenzene	0.98	U	0.98	0.62
541-73-1	1,3-Dichlorobenzene	0.98	U	0.98	0.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SI-E (15.5-16) | Lab Sample ID: 460-24277-20

Matrix: Solid | Lab File ID: o46676.d

Analysis Method: 8260B | Date Collected: 03/18/2011 10:35

Sample wt/vol: 5.91(g) | Date Analyzed: 03/28/2011 07:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.6 | Level: (low/med) Low

Analysis Batch No.: 68639 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.98	U	0.98	0.70
120-82-1	1,2,4-Trichlorobenzene	2.4		0.98	0.52
87-61-6	1,2,3-Trichlorobenzene	0.84	J	0.98	0.63
78-87-5	1,2-Dichloropropane	0.98	U	0.98	0.31
108-87-2	Methylcyclohexane	0.98	U	0.98	0.27
127-18-4	Tetrachloroethene	0.98	U	0.98	0.32
1330-20-7	Xylenes, Total	2.9	U	2.9	0.77
96-12-8	1,2-Dibromo-3-Chloropropane	0.98	U	0.98	0.60
79-34-5	1,1,2,2-Tetrachloroethane	0.98	U	0.98	0.74
79-00-5	1,1,2-Trichloroethane	0.98	U	0.98	0.58
124-48-1	Dibromochloromethane	0.98	U	0.98	0.55
106-93-4	1,2-Dibromoethane	0.98	U	0.98	0.51
75-71-8	Dichlorodifluoromethane	0.98	U	0.98	0.40
74-97-5	Bromochloromethane	0.98	U	0.98	0.27
75-27-4	Bromodichloromethane	0.98	U	0.98	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-138
2037-26-5	Toluene-d8 (Surr)	89		66-126
460-00-4	Bromofluorobenzene	95		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SI-E (15.5-16) Lab Sample ID: 460-24277-20

Matrix: Solid Lab File ID: o46676.d

Analysis Method: 8260B Date Collected: 03/18/2011 10:35

Sample wt/vol: 5.91(g) Date Analyzed: 03/28/2011 07:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.6 Level: (low/med) Low

Analysis Batch No.: 68639 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 202

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydromethylnaphthalene isomer	12.89	15	J
	Unknown-1	13.30	17	J
	C12H26 Alkane	13.38	25	J
	Unknown-3	13.85	24	J
	Unknown Alkane	14.01	26	J
	Unknown Alkane-1/C12H16 Aromatic-1	14.79	29	J
	C14H30 Alkane	14.93	21	J
	Unknown-4	15.05	14	J
	Unknown-5	15.45	18	J
	C15H32 Alkane	15.57	13	J

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46676.d
Report Date: 28-Mar-2011 13:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46676.d
Lab Smp Id: 460-24277-D-20-A Client Smp ID: PMP-15-SI-E (15.5-1
Inj Date : 28-MAR-2011 07:56
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-20-A;;;5.91;5
Misc Info : 460-24277-D-20-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/8260L_10.m
Meth Date : 28-Mar-2011 04:46 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.91000	Weight of sample extracted (g)
M	13.57649	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.807	1.813	(0.447)	20170	25.4030	25
	8 Carbon Disulfide	76	1.904	1.904	(0.472)	44062	3.14829	3.1
	13 cis-1,2-Dichloroethene	96	3.014	3.008	(0.746)	2144	0.34920	0.34(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	154581	45.3518	44
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	926993	50.0000	
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	708071	44.4588	44
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	691510	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.604	(0.837)	277050	47.3046	46
	102 1,3,5-Trimethylbenzene	105	10.384	10.390	(0.905)	15103	0.56063	0.55(a)
	100 1,2,4-Trimethylbenzene	105	11.000	10.994	(0.959)	13287	0.48376	0.47(a)
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.469	(1.000)	393376	50.0000	
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	10845	0.39752	0.39(a)
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	28212	2.40692	2.4
	70 Naphthalene	128	13.835	13.841	(1.206)	30728	1.47451	1.4

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46676.d
Report Date: 28-Mar-2011 13:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
98 1,2,3-Trichlorobenzene	180	14.042	14.042	(1.224)	9012	0.85609	0.84(aH)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46676.d
Report Date: 28-Mar-2011 13:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46676.d
Lab Smp Id: 460-24277-D-20-A Client Smp ID: PMP-15-SI-E (15.5-1
Inj Date : 28-MAR-2011 07:56
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-20-A;;;5.91;5
Misc Info : 460-24277-D-20-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/8260L_10.m
Meth Date : 28-Mar-2011 04:46 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.91000	Weight of sample extracted (g)
M	13.57649	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 91 1,4-Dichlorobenzene-d4	11.470	2320490	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Decahydronaphthalene isomer					CAS #:		
11.915	551877	11.8913896	12	0		0	91
Unknown					CAS #:		
12.634	613437	13.2178374	13	0		0	91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46676.d
Report Date: 28-Mar-2011 13:14

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Decahydromethylnaphthalene isomer					CAS #:		
12.890	714176	15.3884728	15	0		0	91
Unknown-1					CAS #:		
13.298	785446	16.9241319	16	0		0	91
C12H26 Alkane					CAS #:		
13.378	1200513	25.8676568	25	0		0	91
C11H14 Aromatic					CAS #:		
13.737	570760	12.2982580	12	0		0	91
Unknown-2					CAS #:		
13.792	562369	12.1174538	12	0		0	91
Unknown-3					CAS #:		
13.853	1123208	24.2019373	24	0		0	91(L)
Unknown Alkane					CAS #:		
14.012	1249422	26.9215111	26	0		0	91(L)
C13H28 Alkane					CAS #:		
14.219	549568	11.8416397	12	0		0	91
C12H16 Aromatic					CAS #:		
14.609	613226	13.2132844	13	0		0	91
Unknown Alkane-1/C12H16 Aromatic-1					CAS #:		
14.786	1362475	29.3574817	29	0		0	91
C14H30 Alkane					CAS #:		
14.926	985397	21.2325177	21	0		0	91
Unknown-4					CAS #:		
15.054	657370	14.1644558	14	0		0	91
Unknown Alkane-2					CAS #:		
15.329	585714	12.6204730	12	0		0	91
Unknown-5					CAS #:		
15.450	870559	18.7580698	18	0		0	91
C15H32 Alkane					CAS #:		
15.566	635552	13.6943433	13	0		0	91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46676.d
Report Date: 28-Mar-2011 13:14

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-6					CAS #:		
15.731	589189	12.6953550	12	0		0	91

QC Flag Legend

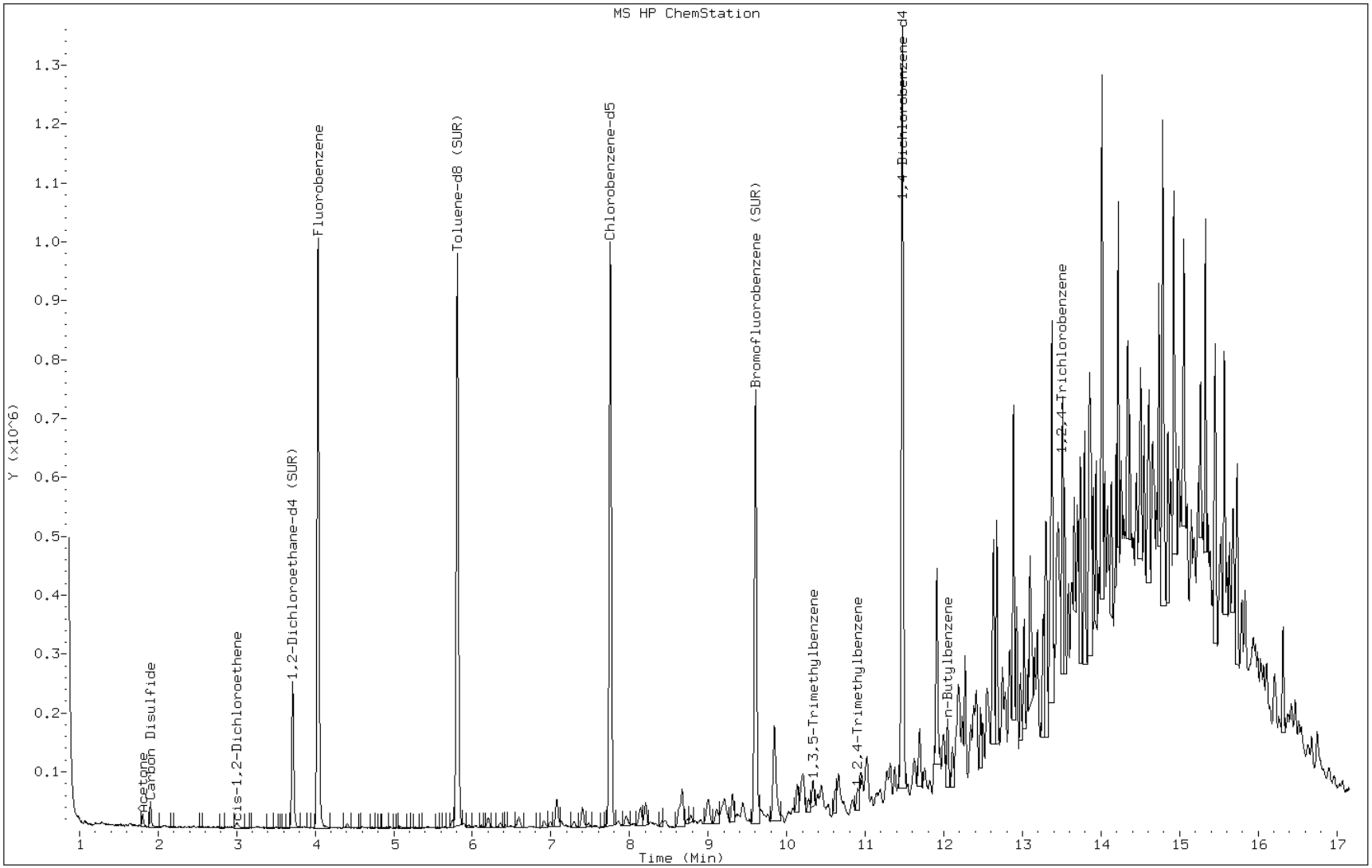
L - Operator selected an alternate library search match.

Data File: o46676.d

Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9



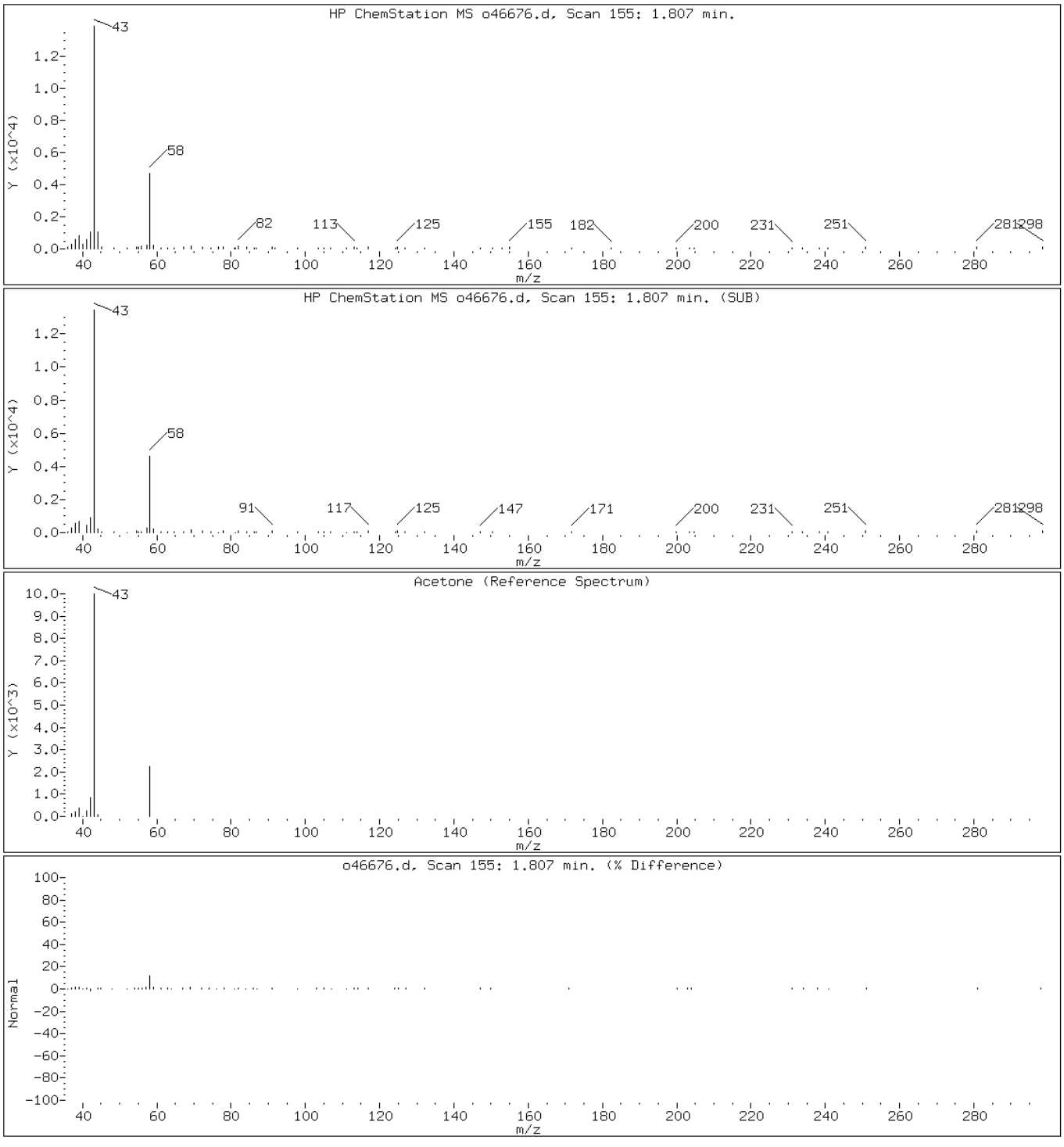
Data File: o46676.d

Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

7 Acetone



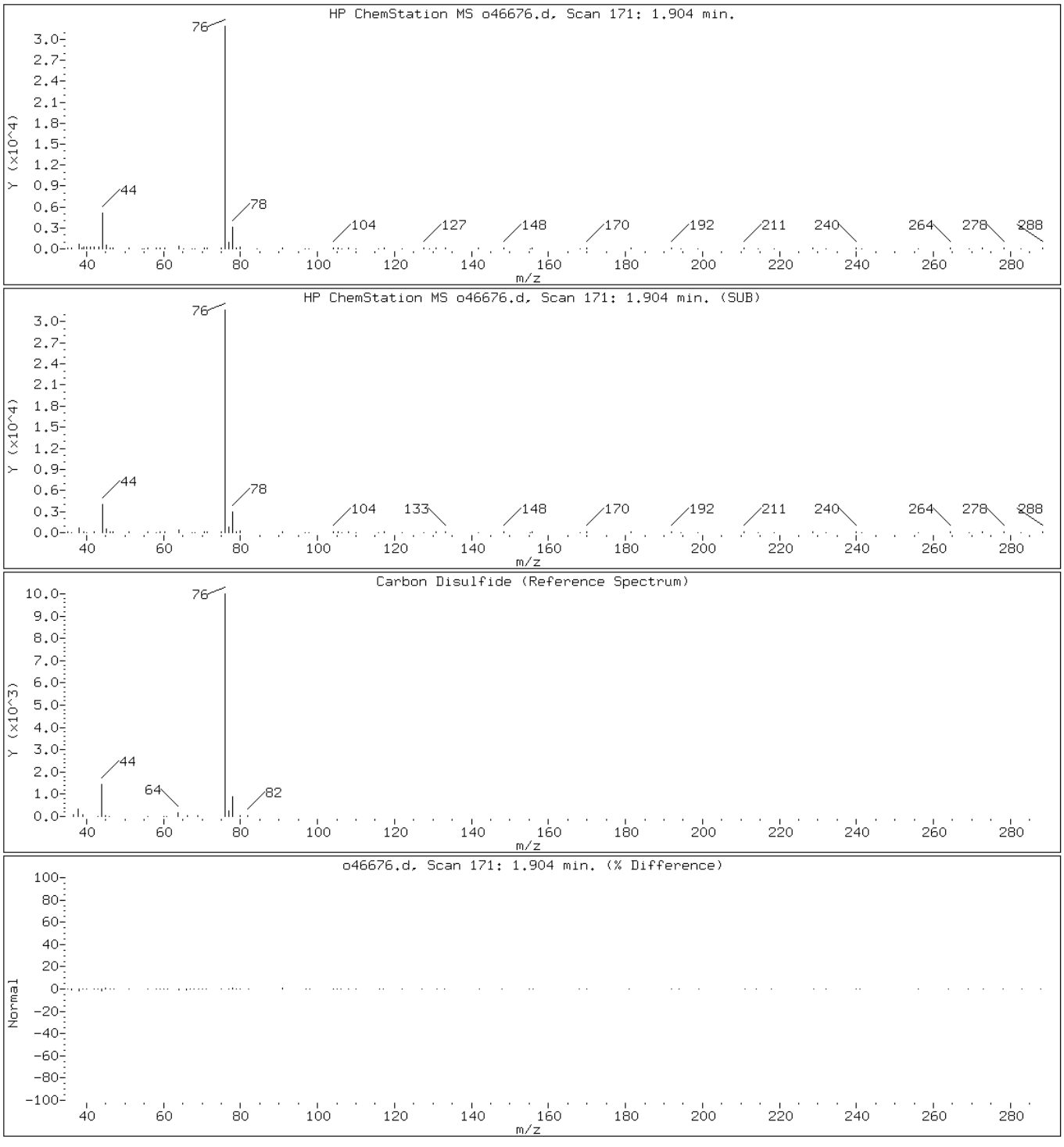
Data File: o46676.d

Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

8 Carbon Disulfide



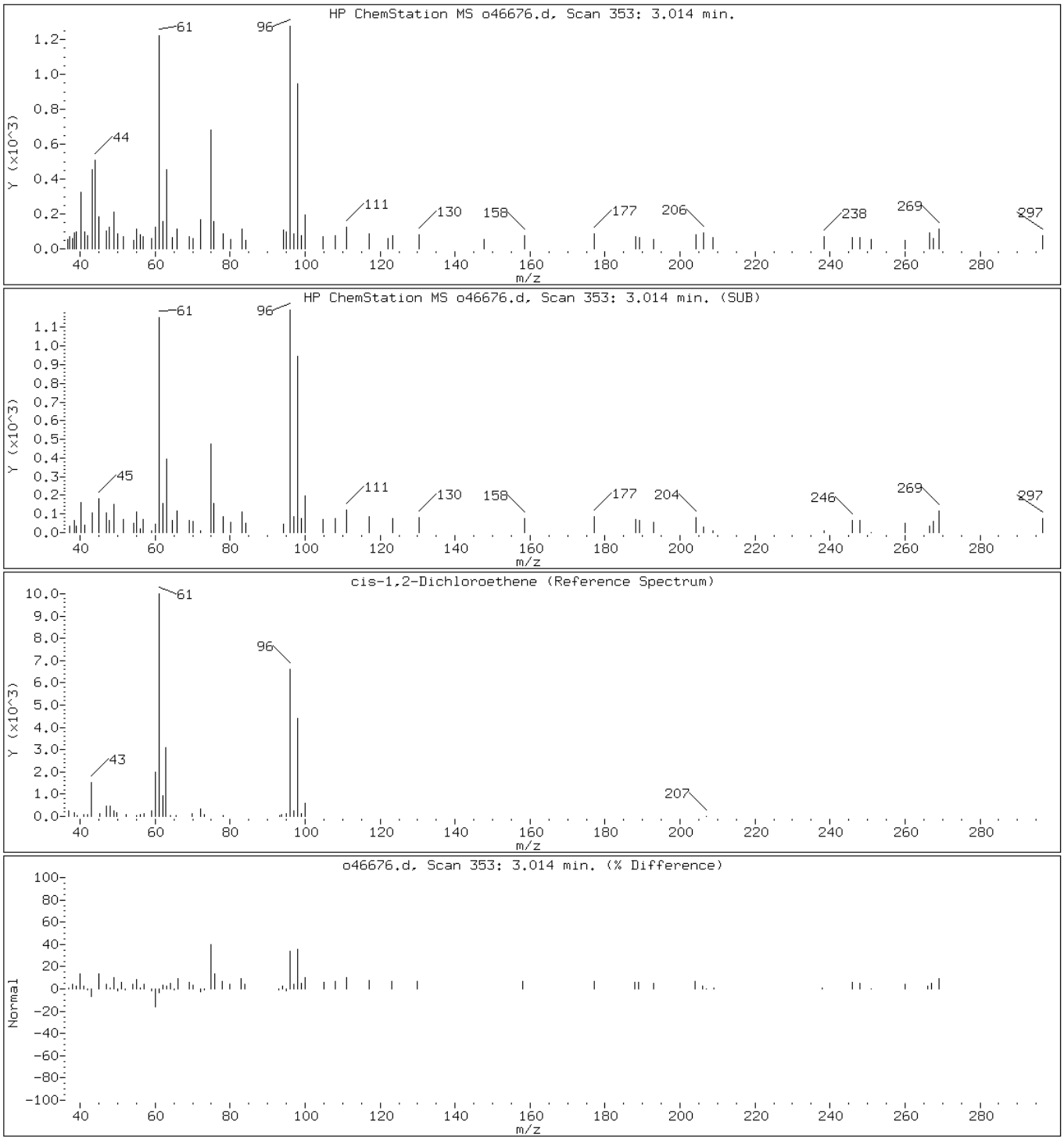
Data File: o46676.d

Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



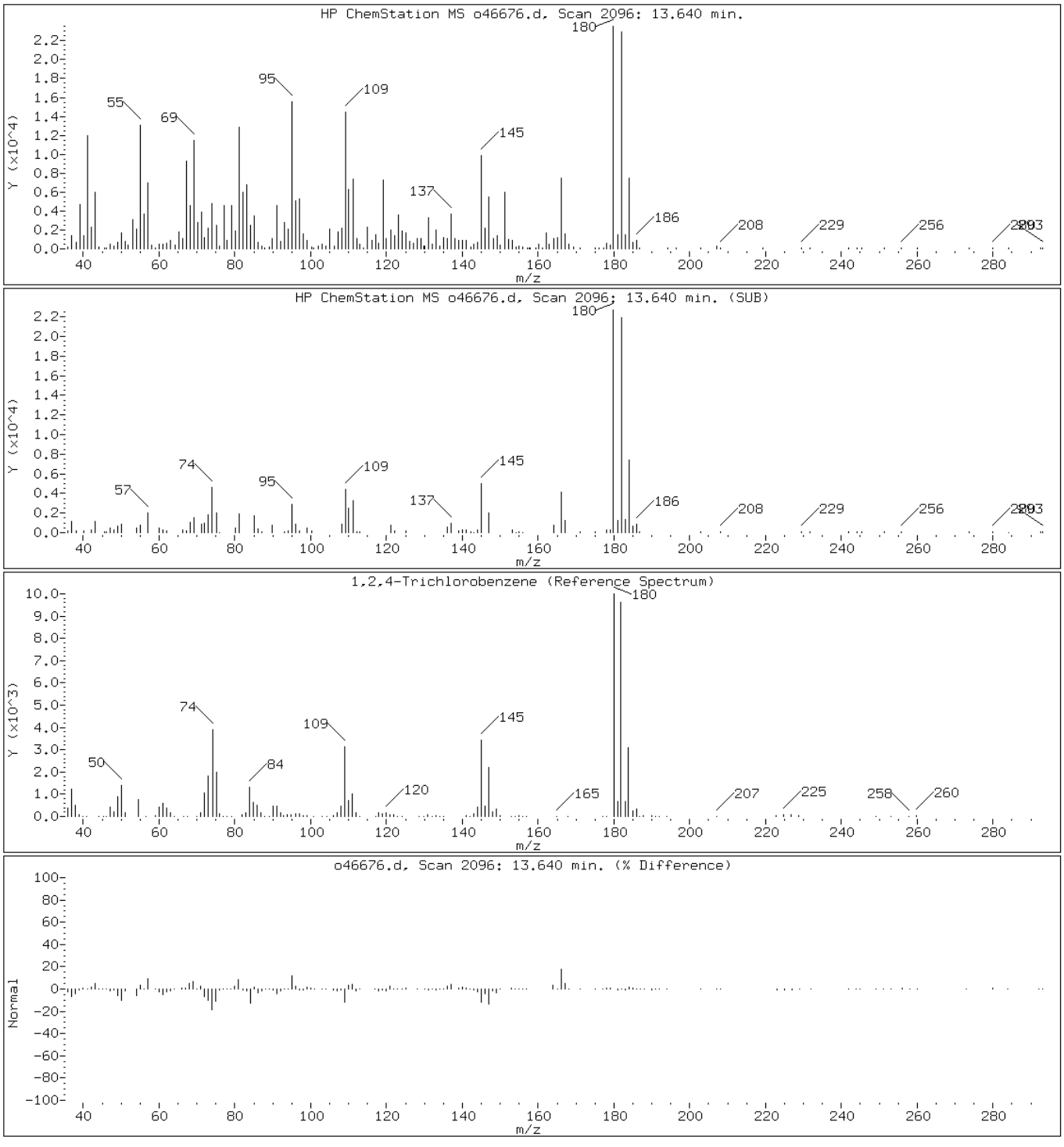
Data File: o46676.d

Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



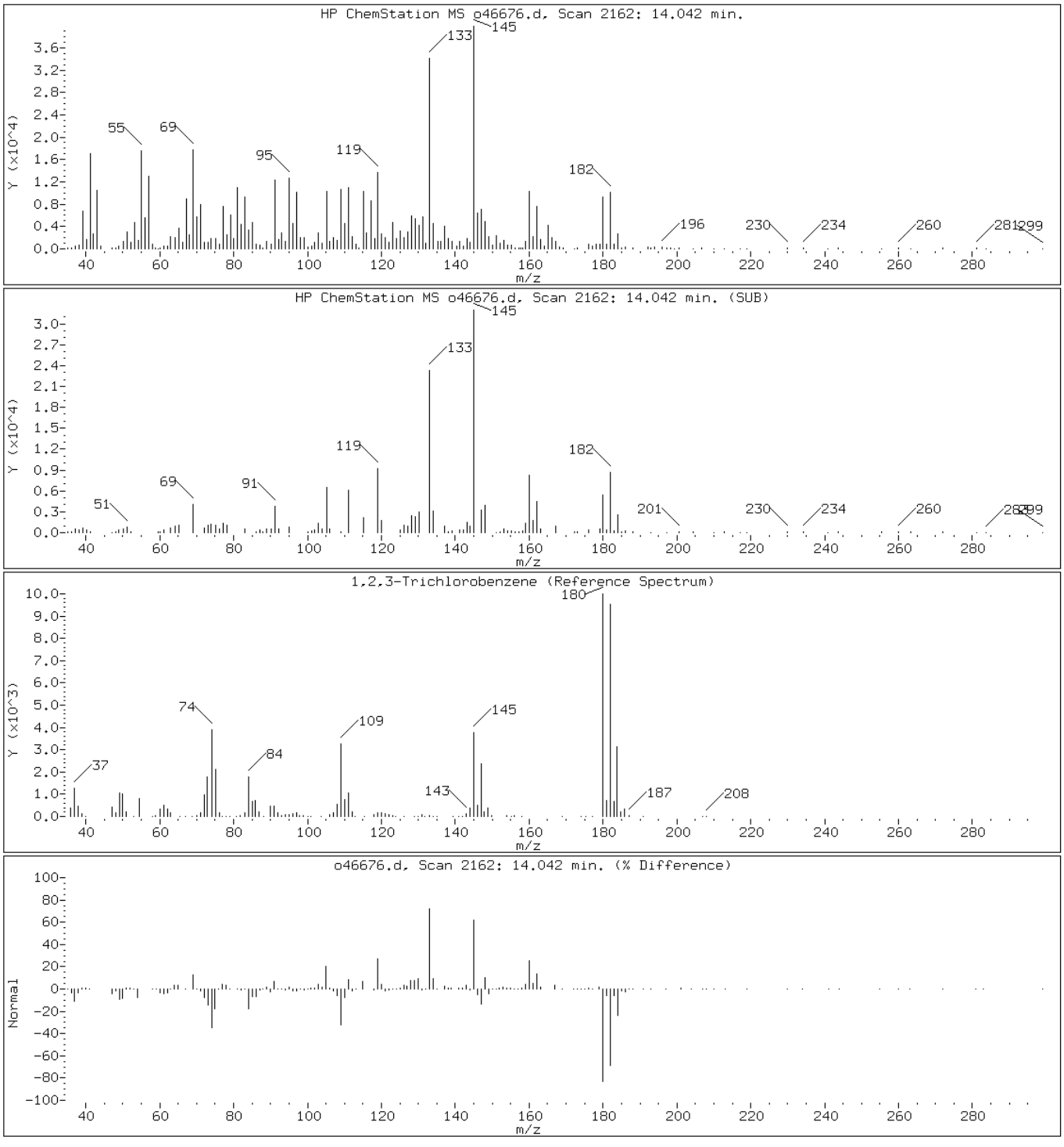
Data File: o46676.d

Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



Data File: o46676.d

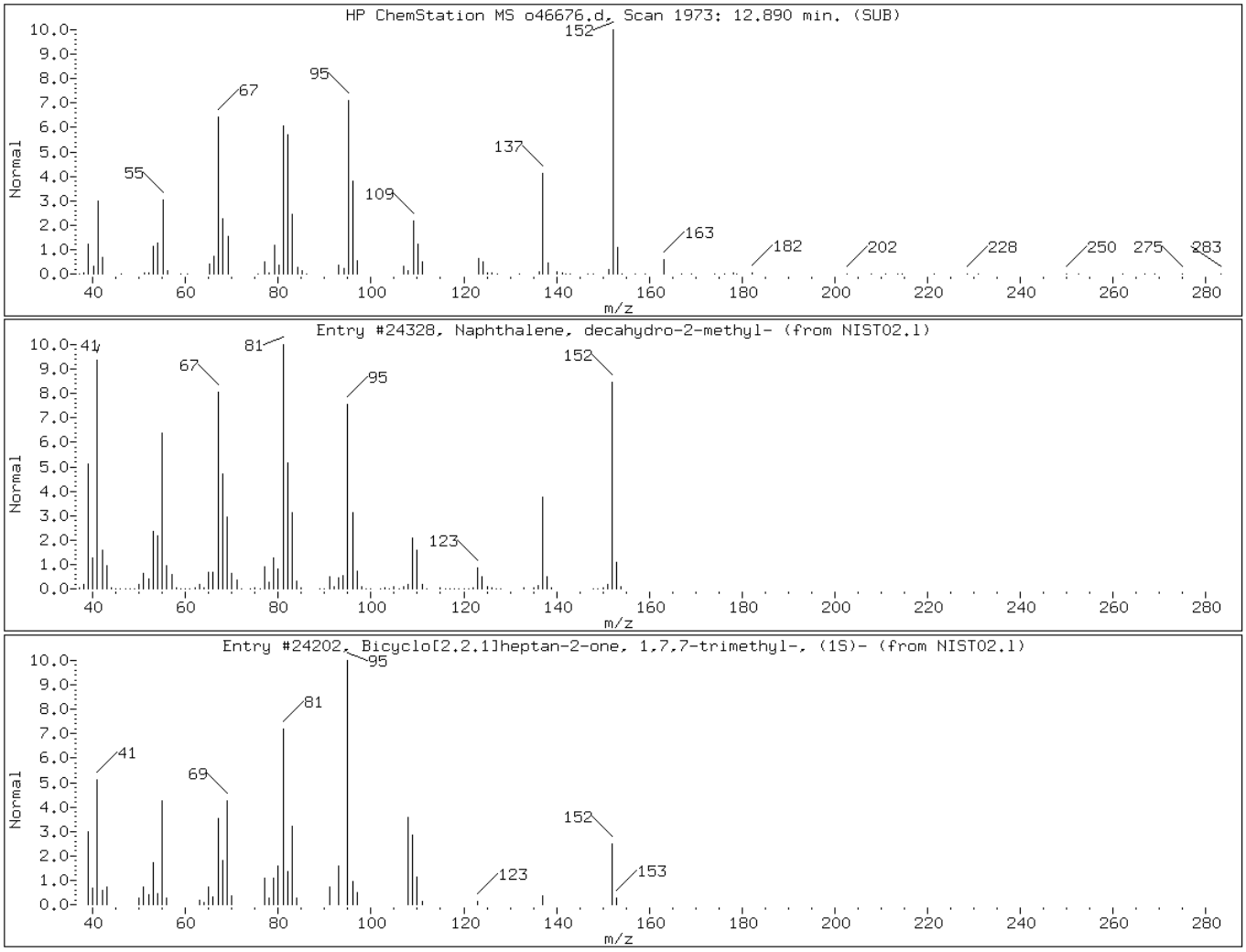
Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

Retention Time: 12.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	81	C11H20	152
Bicyclo[2.2.1]heptan-2-one, 1,7,7-	464-48-2	NIST02.l	24202	64	C10H16O	152



Data File: o46676.d

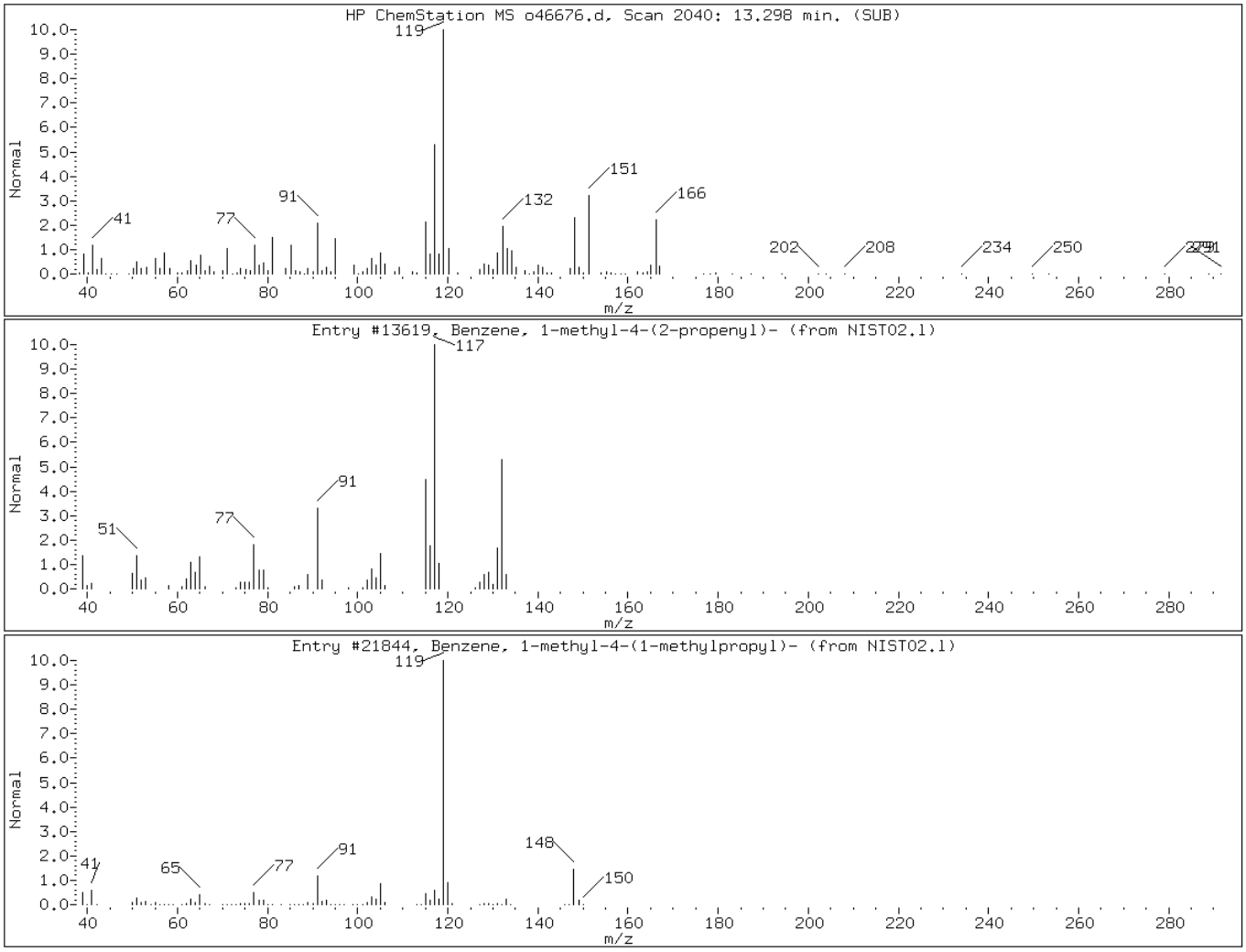
Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

Retention Time: 13.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Benzene, 1-methyl-4-(2-propenyl)-	3333-13-9	NIST02.l	13619	60	C10H12	132
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	38	C11H16	148



Data File: o46676.d

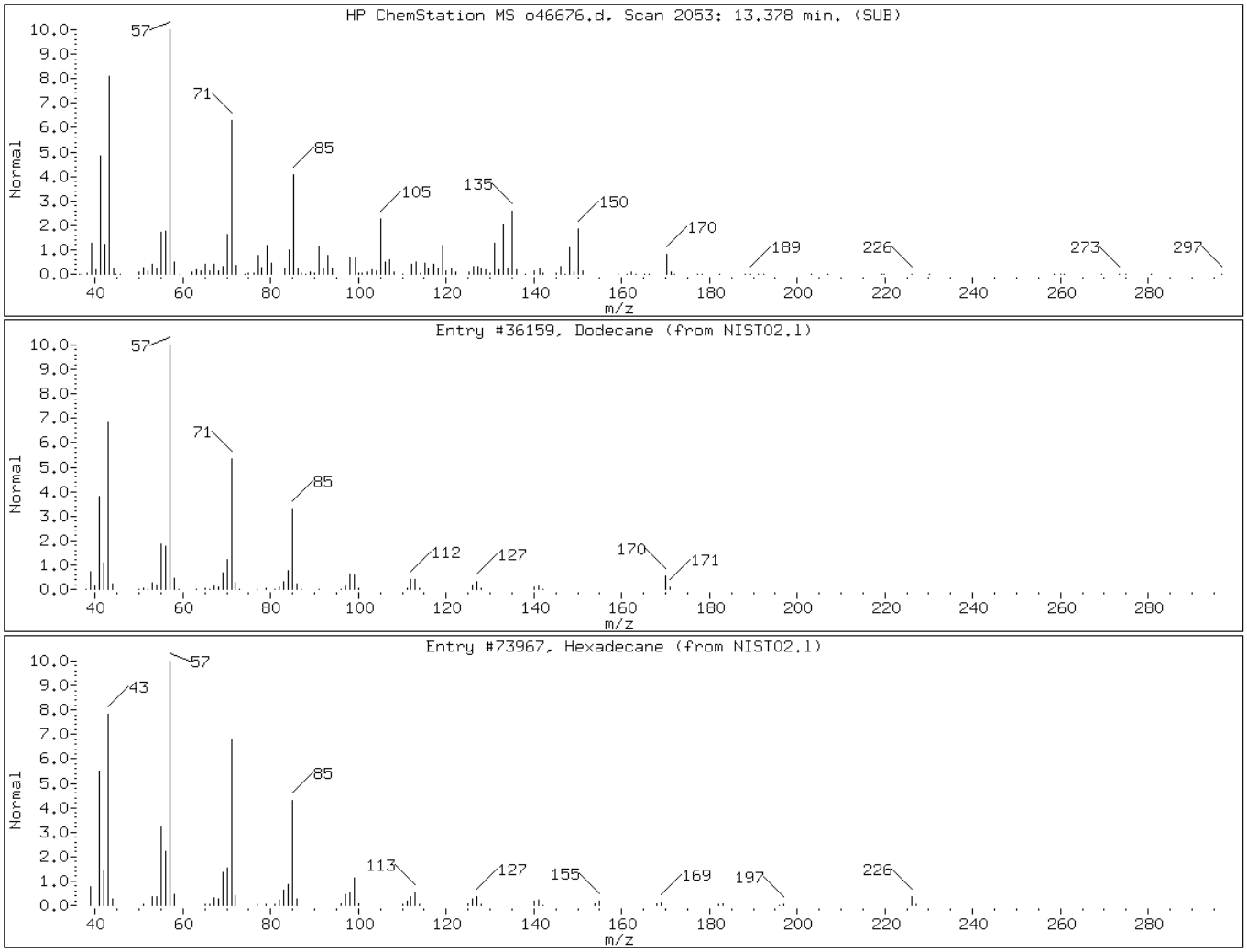
Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

Retention Time: 13.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36159	94	C12H26	170
Hexadecane	544-76-3	NIST02.l	73967	83	C16H34	226



Data File: o46676.d

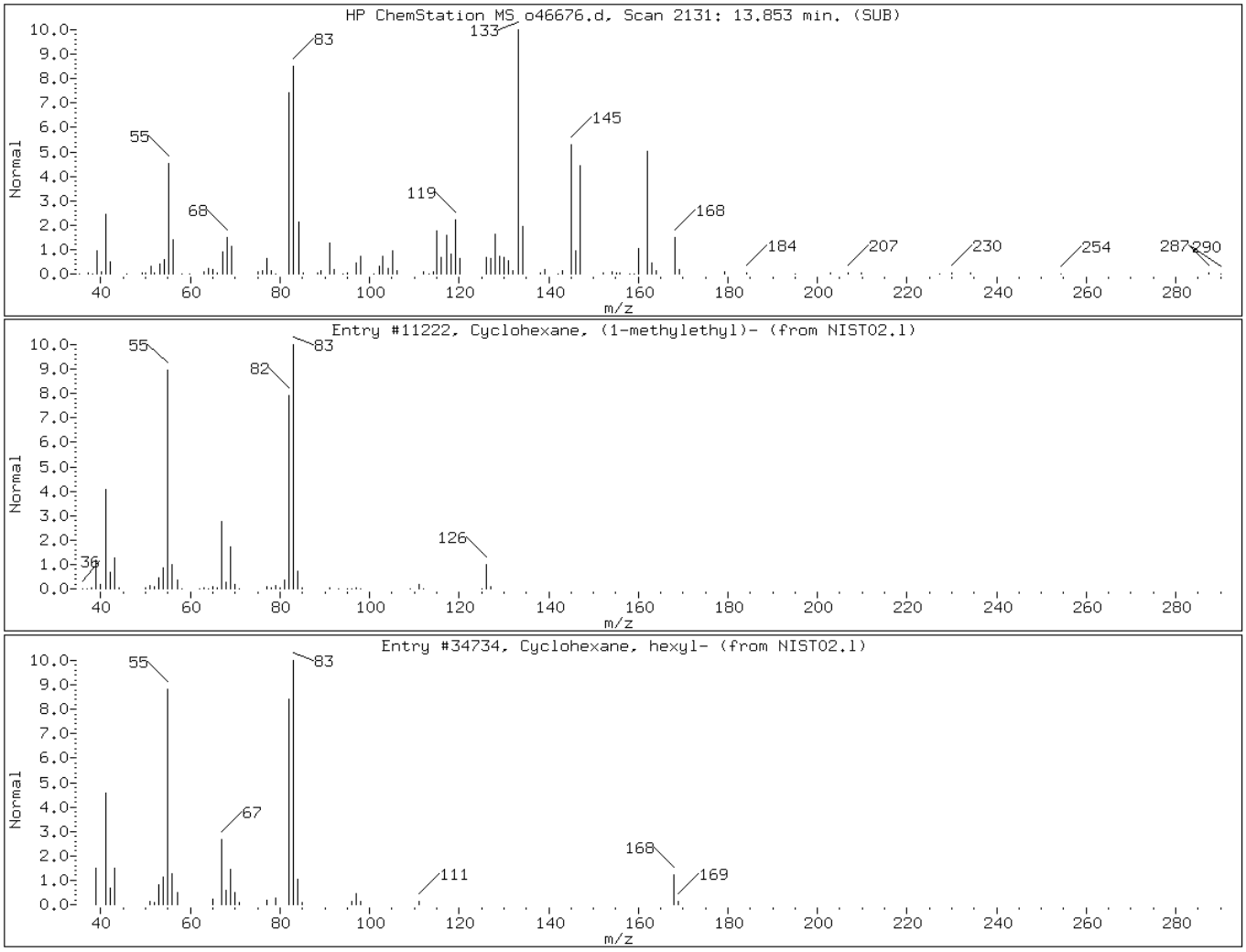
Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

Retention Time: 13.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11222	42	C9H18	126
Cyclohexane, hexyl-	4292-75-5	NIST02.l	34734	41	C12H24	168



Data File: o46676.d

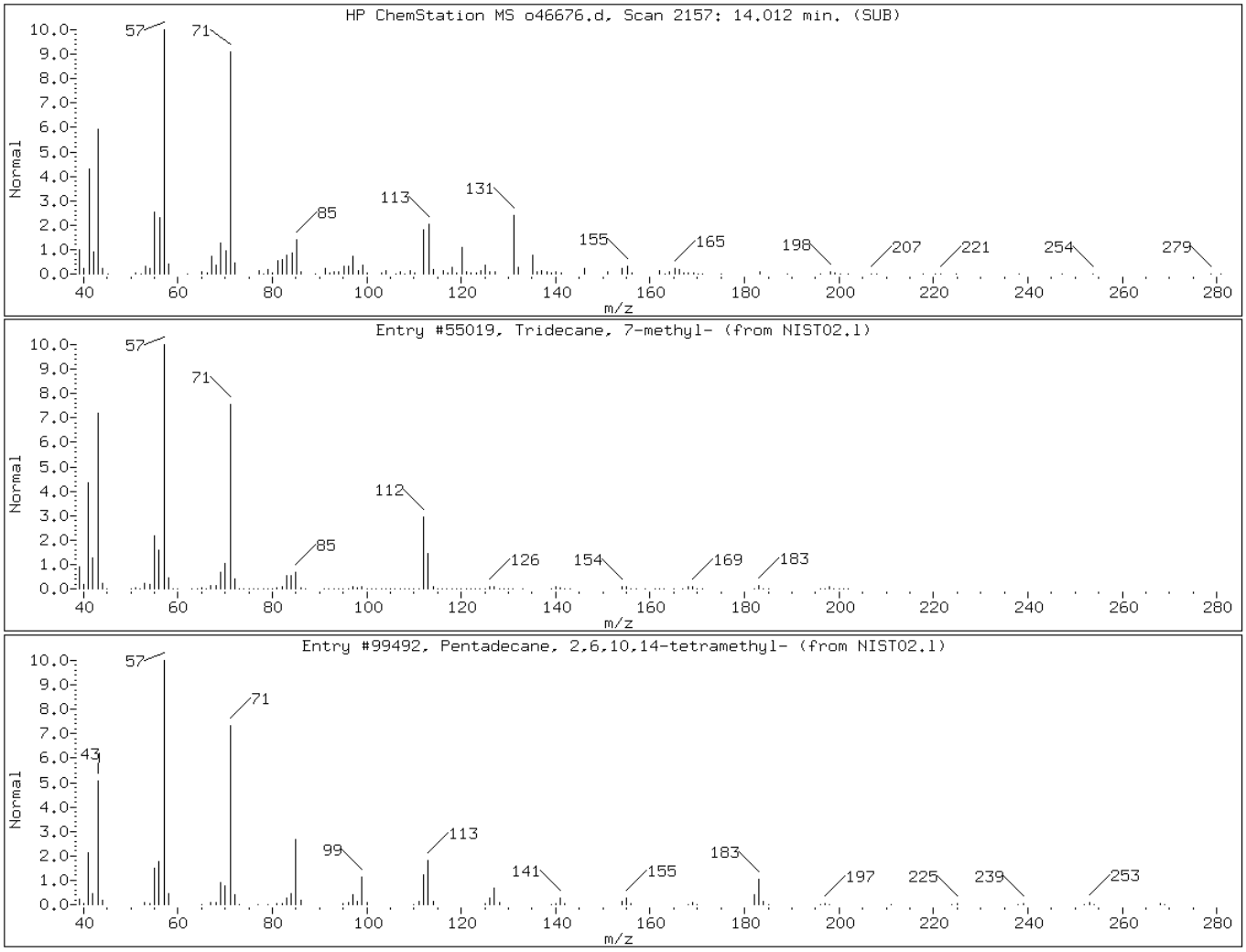
Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

Retention Time: 14.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	55	C14H30	198
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	53	C19H40	268



Data File: o46676.d

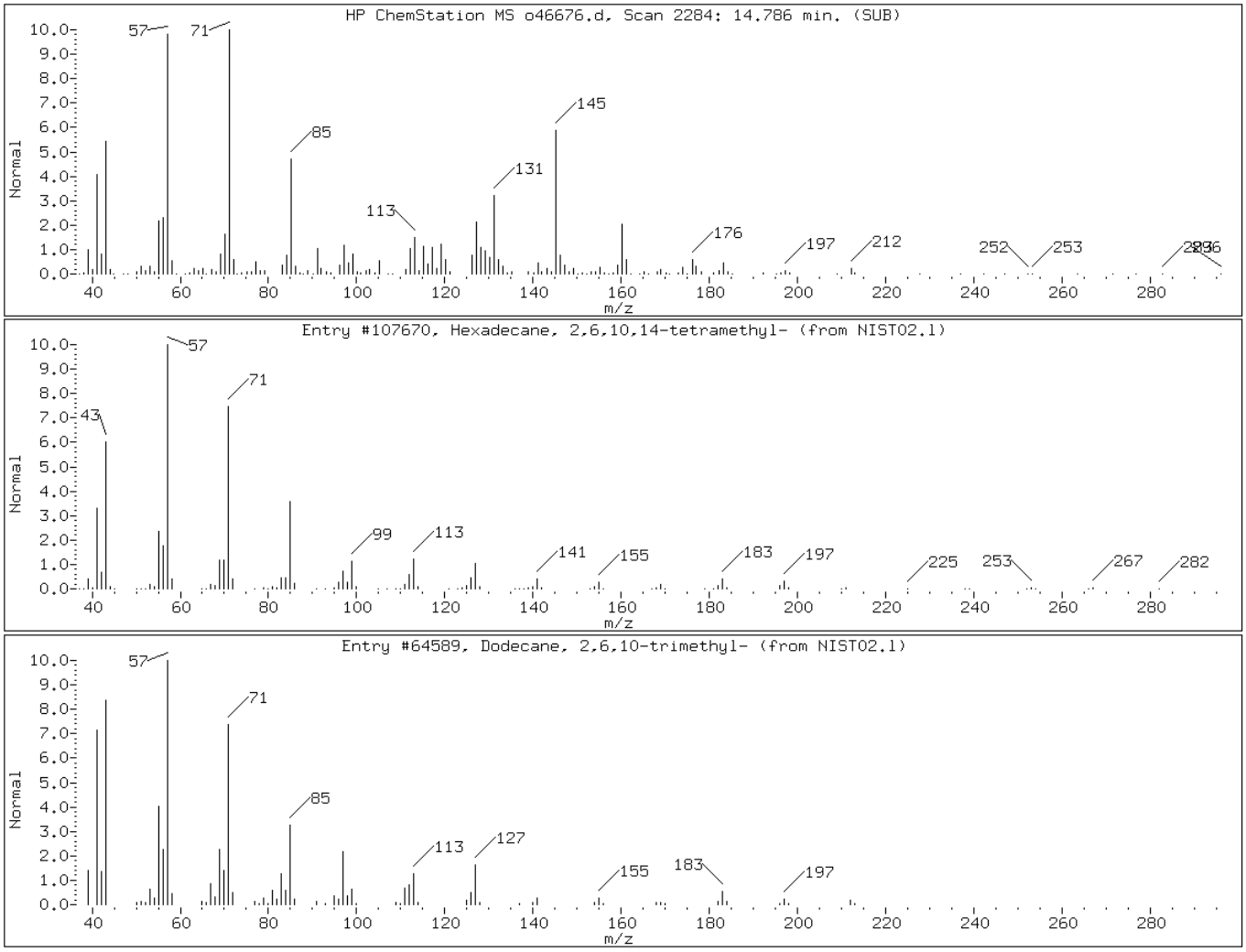
Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

Retention Time: 14.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1/C12H16 Aromatic-1						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	64	C20H42	282
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64589	50	C15H32	212



Data File: o46676.d

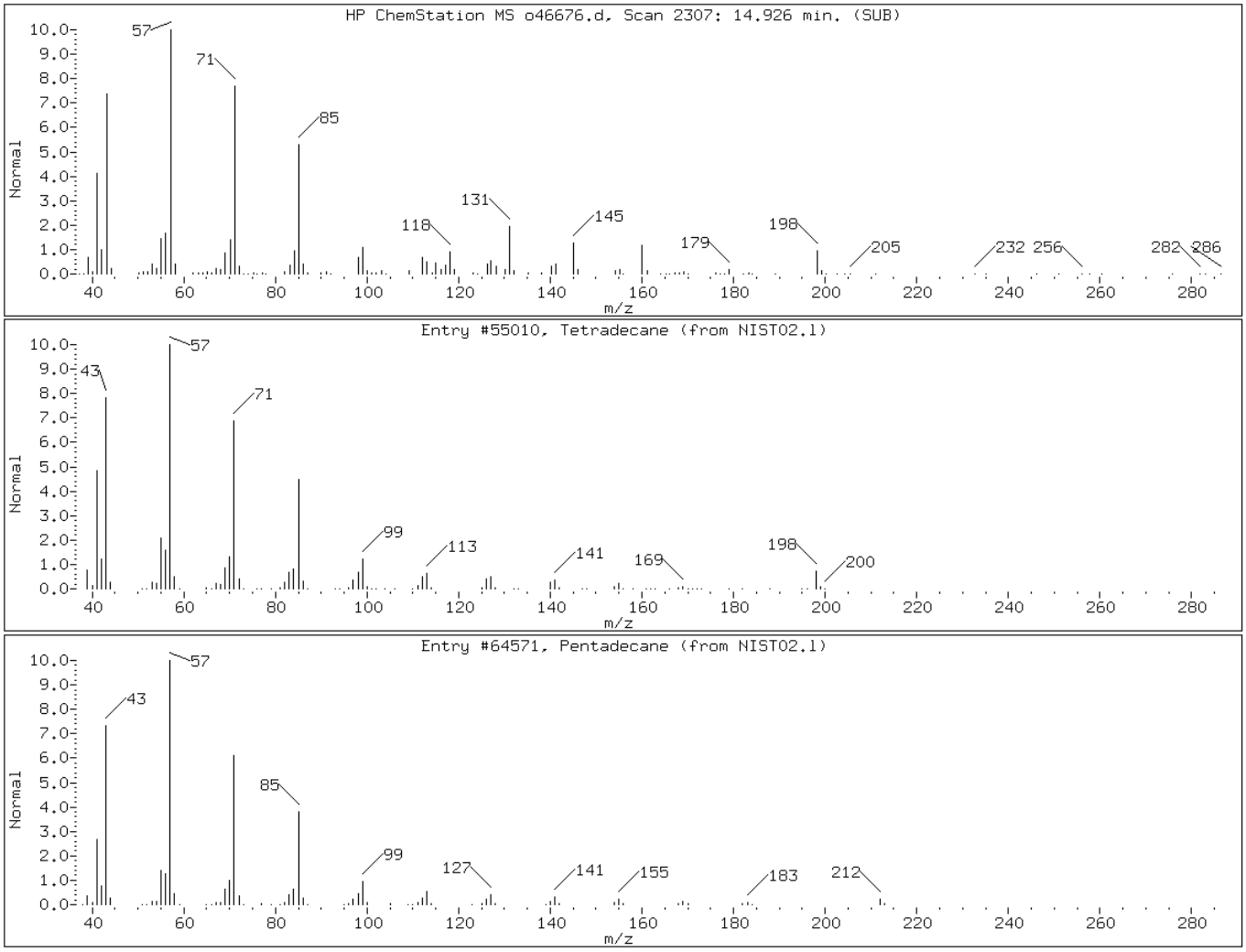
Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

Retention Time: 14.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tetradecane	629-59-4	NIST02.l	55010	98	C14H30	198
Pentadecane	629-62-9	NIST02.l	64571	64	C15H32	212



Data File: o46676.d

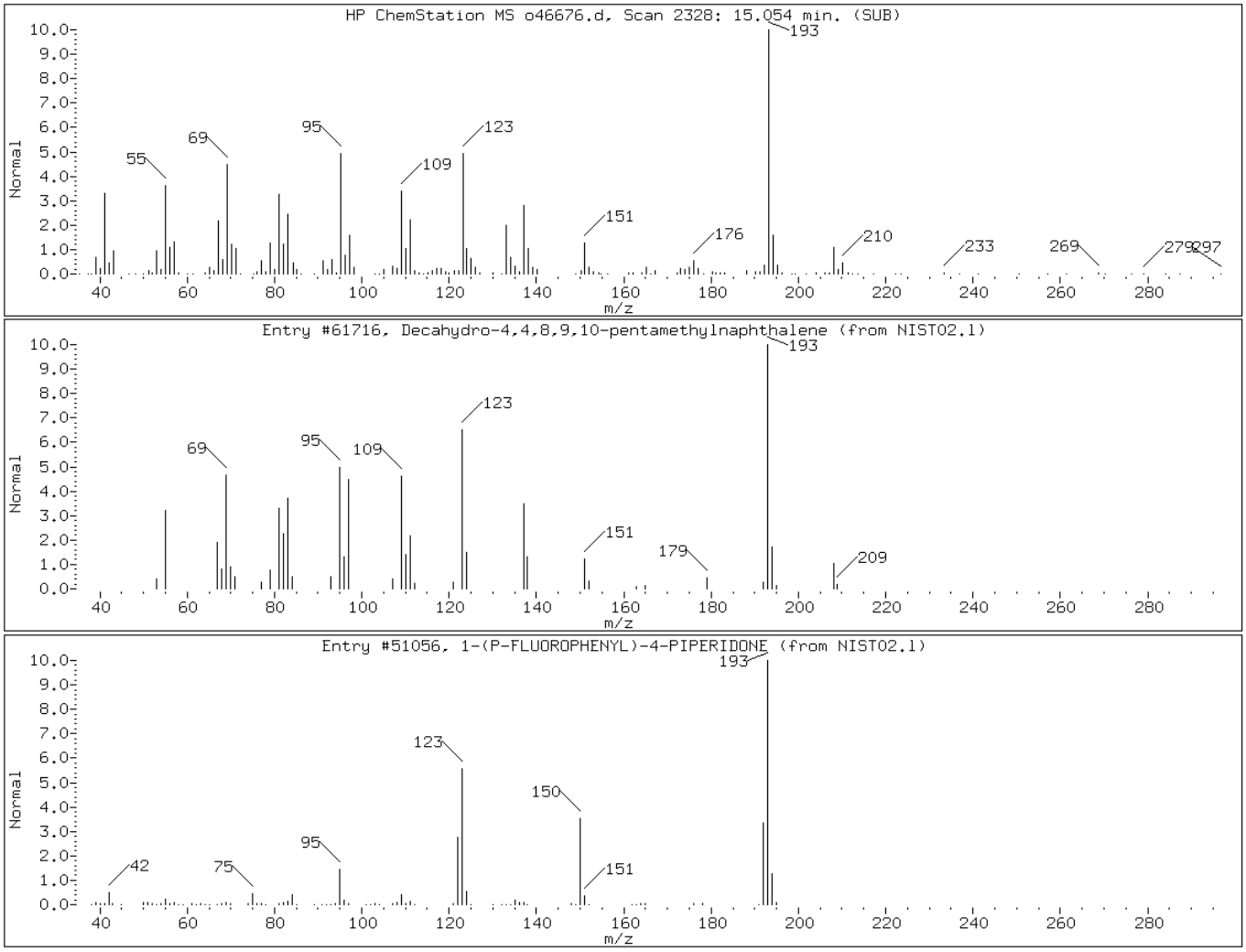
Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

Retention Time: 15.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	93	C15H28	208
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	43	C11H12FNO	193



Data File: o46676.d

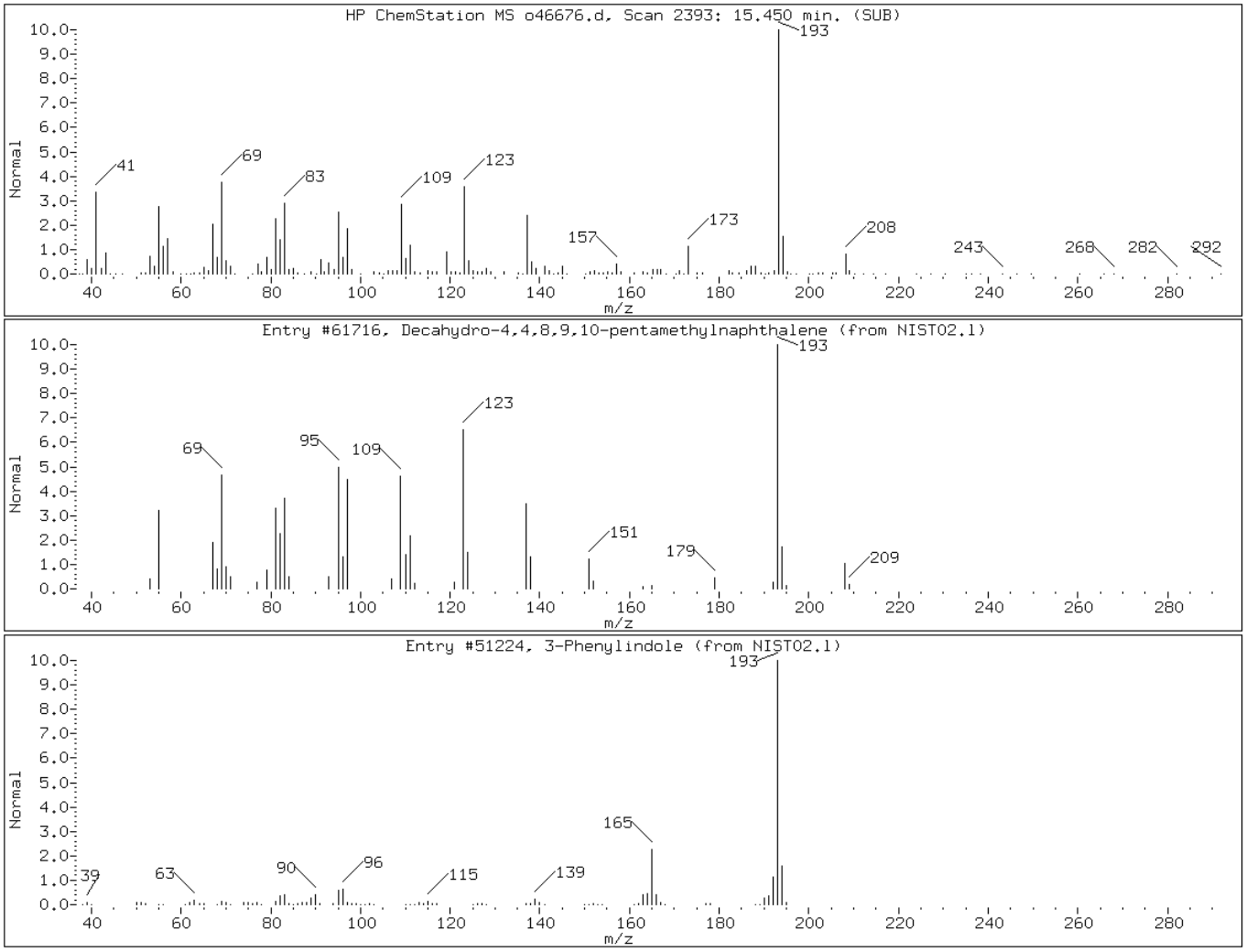
Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

Retention Time: 15.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	60	C15H28	208
3-Phenylindole	1504-16-1	NIST02.l	51224	35	C14H11N	193



Data File: o46676.d

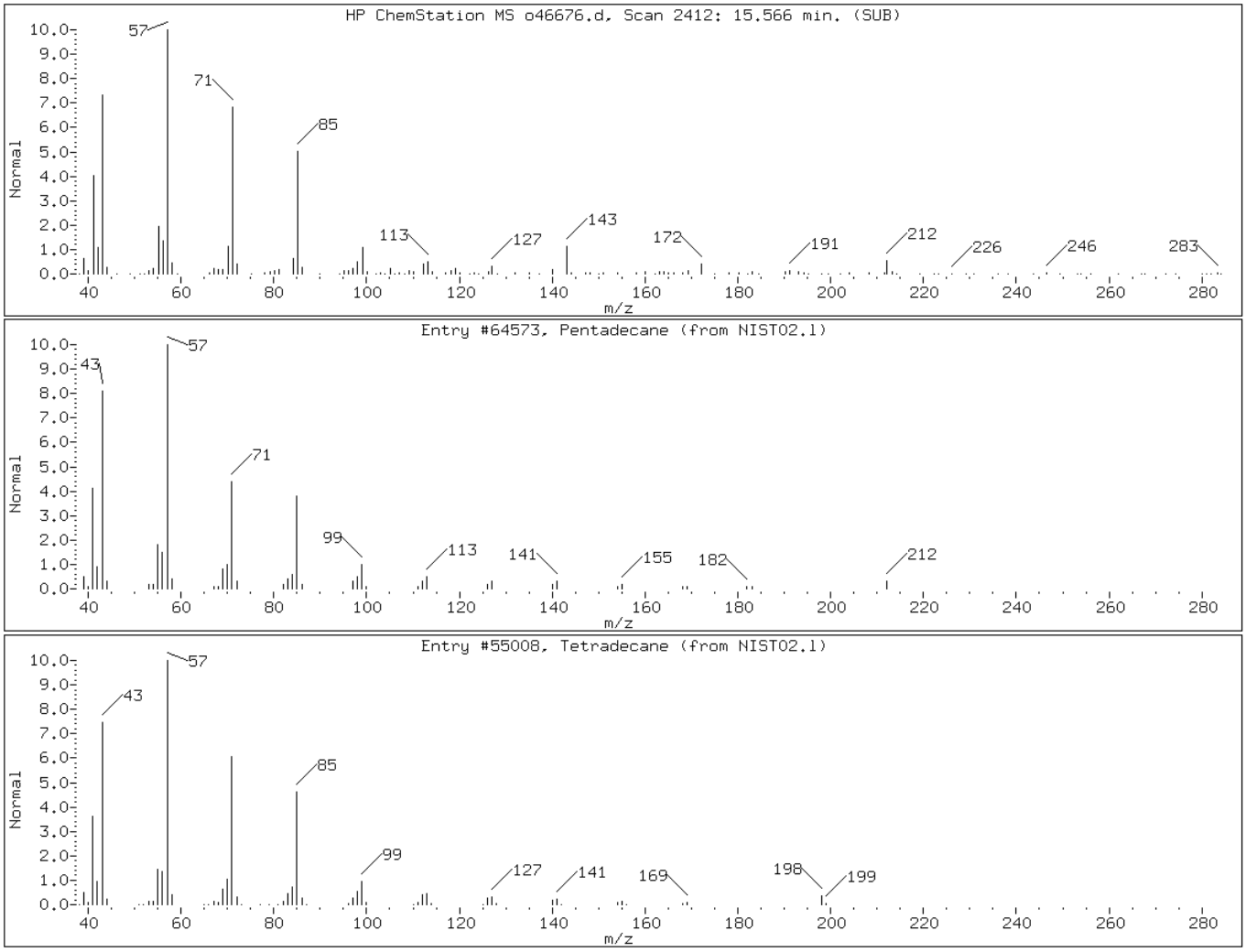
Date: 28-MAR-2011 07:56

Client ID: PMP-15-SI-E (15.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-20-A;;;5.91;5 Operator: VOAMS 9

Retention Time: 15.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H32 Alkane						
Pentadecane	629-62-9	NIST02.l	64573	94	C15H32	212
Tetradecane	629-59-4	NIST02.l	55008	83	C14H30	198



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SD-E (23.5-24.0) Lab Sample ID: 460-24277-21

Matrix: Solid Lab File ID: o46677.d

Analysis Method: 8260B Date Collected: 03/18/2011 10:40

Sample wt/vol: 10.58(g) Date Analyzed: 03/28/2011 08:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.2 Level: (low/med) Low

Analysis Batch No.: 68639 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.54	U	0.54	0.35
74-83-9	Bromomethane	0.54	U	0.54	0.22
75-01-4	Vinyl chloride	0.48	J	0.54	0.13
75-00-3	Chloroethane	0.54	U	0.54	0.22
75-09-2	Methylene Chloride	0.54	U	0.54	0.26
67-64-1	Acetone	35		5.4	2.0
75-15-0	Carbon disulfide	0.83		0.54	0.25
75-69-4	Trichlorofluoromethane	0.54	U	0.54	0.14
75-35-4	1,1-Dichloroethene	0.39	J	0.54	0.20
75-34-3	1,1-Dichloroethane	0.54	U	0.54	0.14
156-60-5	trans-1,2-Dichloroethene	3.1		0.54	0.15
156-59-2	cis-1,2-Dichloroethene	61		0.54	0.13
67-66-3	Chloroform	0.54	U	0.54	0.13
78-93-3	2-Butanone	5.4	U	5.4	0.31
107-06-2	1,2-Dichloroethane	0.54	U	0.54	0.21
71-55-6	1,1,1-Trichloroethane	0.54	U	0.54	0.10
56-23-5	Carbon tetrachloride	0.54	U	0.54	0.055
71-43-2	Benzene	0.54	U	0.54	0.40
75-25-2	Bromoform	0.54	U	0.54	0.38
100-42-5	Styrene	0.54	U	0.54	0.19
100-41-4	Ethylbenzene	2.4		0.54	0.10
108-90-7	Chlorobenzene	1.4		0.54	0.26
110-82-7	Cyclohexane	0.18	J	0.54	0.12
98-82-8	Isopropylbenzene	0.71		0.54	0.14
591-78-6	2-Hexanone	5.4	U	5.4	0.91
1634-04-4	MTBE	0.54	U	0.54	0.19
76-13-1	Freon TF	0.54	U	0.54	0.26
79-20-9	Methyl acetate	0.54	U	0.54	0.49
123-91-1	1,4-Dioxane	27	U	27	2.3
79-01-6	Trichloroethene	87		0.54	0.20
108-88-3	Toluene	0.31	J	0.54	0.16
10061-02-6	trans-1,3-Dichloropropene	0.54	U	0.54	0.12
108-10-1	4-Methyl-2-pentanone	5.4	U	5.4	0.39
10061-01-5	cis-1,3-Dichloropropene	0.54	U	0.54	0.11
95-50-1	1,2-Dichlorobenzene	0.66		0.54	0.35
541-73-1	1,3-Dichlorobenzene	0.54	U	0.54	0.26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SD-E (23.5-24.0) | Lab Sample ID: 460-24277-21

Matrix: Solid | Lab File ID: o46677.d

Analysis Method: 8260B | Date Collected: 03/18/2011 10:40

Sample wt/vol: 10.58(g) | Date Analyzed: 03/28/2011 08:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.2 | Level: (low/med) Low

Analysis Batch No.: 68639 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.54	U	0.54	0.39
120-82-1	1,2,4-Trichlorobenzene	20		0.54	0.29
87-61-6	1,2,3-Trichlorobenzene	4.7		0.54	0.35
78-87-5	1,2-Dichloropropane	0.54	U	0.54	0.17
108-87-2	Methylcyclohexane	0.32	J	0.54	0.15
127-18-4	Tetrachloroethene	1.8		0.54	0.18
1330-20-7	Xylenes, Total	1.6	U	1.6	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.54	U	0.54	0.33
79-34-5	1,1,2,2-Tetrachloroethane	0.54	U	0.54	0.41
79-00-5	1,1,2-Trichloroethane	0.54	U	0.54	0.32
124-48-1	Dibromochloromethane	0.54	U	0.54	0.30
106-93-4	1,2-Dibromoethane	0.54	U	0.54	0.28
75-71-8	Dichlorodifluoromethane	0.54	U	0.54	0.22
74-97-5	Bromochloromethane	0.54	U	0.54	0.15
75-27-4	Bromodichloromethane	0.54	U	0.54	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	96		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SD-E (23.5-24.0) Lab Sample ID: 460-24277-21

Matrix: Solid Lab File ID: o46677.d

Analysis Method: 8260B Date Collected: 03/18/2011 10:40

Sample wt/vol: 10.58(g) Date Analyzed: 03/28/2011 08:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.2 Level: (low/med) Low

Analysis Batch No.: 68639 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46677.d
Report Date: 28-Mar-2011 12:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46677.d
Lab Smp Id: 460-24277-D-21-A Client Smp ID: PMP-15-SD-E (23.5-2
Inj Date : 28-MAR-2011 08:21
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-21-A;;;10.58;5
Misc Info : 460-24277-D-21-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/8260L_10.m
Meth Date : 28-Mar-2011 04:46 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	10.58000	Weight of sample extracted (g)
M	13.21762	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
M	14	1,2-Dichloroethene (total)	100				769024	118.127	64
	4	Vinyl Chloride	62	1.093	1.087	(0.271)	5563	0.88514	0.48(a)
	10	1,1-Dichloroethene	96	1.776	1.770	(0.440)	3403	0.70989	0.39(a)
	7	Acetone	43	1.807	1.813	(0.447)	54615	64.5096	35
	8	Carbon Disulfide	76	1.904	1.904	(0.472)	22665	1.51879	0.83
	12	trans-1,2-Dichloroethene	96	2.264	2.258	(0.561)	33141	5.72213	3.1
	13	cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	735883	112.405	61
	59	Cyclohexane	56	3.477	3.471	(0.861)	3145	0.32609	0.18(a)
$	16	1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	163481	44.9820	24
*	69	Fluorobenzene	96	4.038	4.038	(1.000)	988425	50.0000	
	25	Trichloroethene	95	4.410	4.404	(1.092)	999364	159.932	87
	126	Methyl cyclohexane	83	4.599	4.599	(1.139)	7205	0.59566	0.32(a)
$	37	Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	725807	44.9221	24
	38	Toluene	91	5.885	5.891	(0.759)	15756	0.57479	0.31(a)

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46677.d
Report Date: 28-Mar-2011 12:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	35 Tetrachloroethene	166	6.592	6.592	(0.850)	25263	3.37510	1.8
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	701520	50.0000	
	39 Chlorobenzene	112	7.799	7.799	(1.006)	45644	2.64513	1.4
	40 Ethylbenzene	106	8.001	8.001	(1.031)	41741	4.49022	2.4
	44 o-Xylene	106	8.781	8.787	(1.132)	8032	0.71215	0.39(a)
	110 Isopropylbenzene	105	9.397	9.397	(1.211)	35984	1.30947	0.71
$	41 Bromofluorobenzene (SUR)	174	9.604	9.604	(0.837)	279729	47.8535	26
	112 n-Propylbenzene	91	10.073	10.067	(0.878)	14890	0.40668	0.22(a)
	114 sec-Butylbenzene	105	11.274	11.268	(0.983)	19722	0.55551	0.30(a)
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.469	(1.000)	392624	50.0000	
	69 1,2-Dichlorobenzene	146	11.975	11.975	(1.044)	17413	1.21428	0.66
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	426201	36.4312	20
	70 Naphthalene	128	13.835	13.841	(1.206)	47536	2.28542	1.2
	98 1,2,3-Trichlorobenzene	180	14.042	14.042	(1.224)	90836	8.64544	4.7

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46677.d
Report Date: 28-Mar-2011 12:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46677.d
Lab Smp Id: 460-24277-D-21-A Client Smp ID: PMP-15-SD-E (23.5-2
Inj Date : 28-MAR-2011 08:21
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-21-A;;;10.58;5
Misc Info : 460-24277-D-21-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/8260L_10.m
Meth Date : 28-Mar-2011 04:46 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

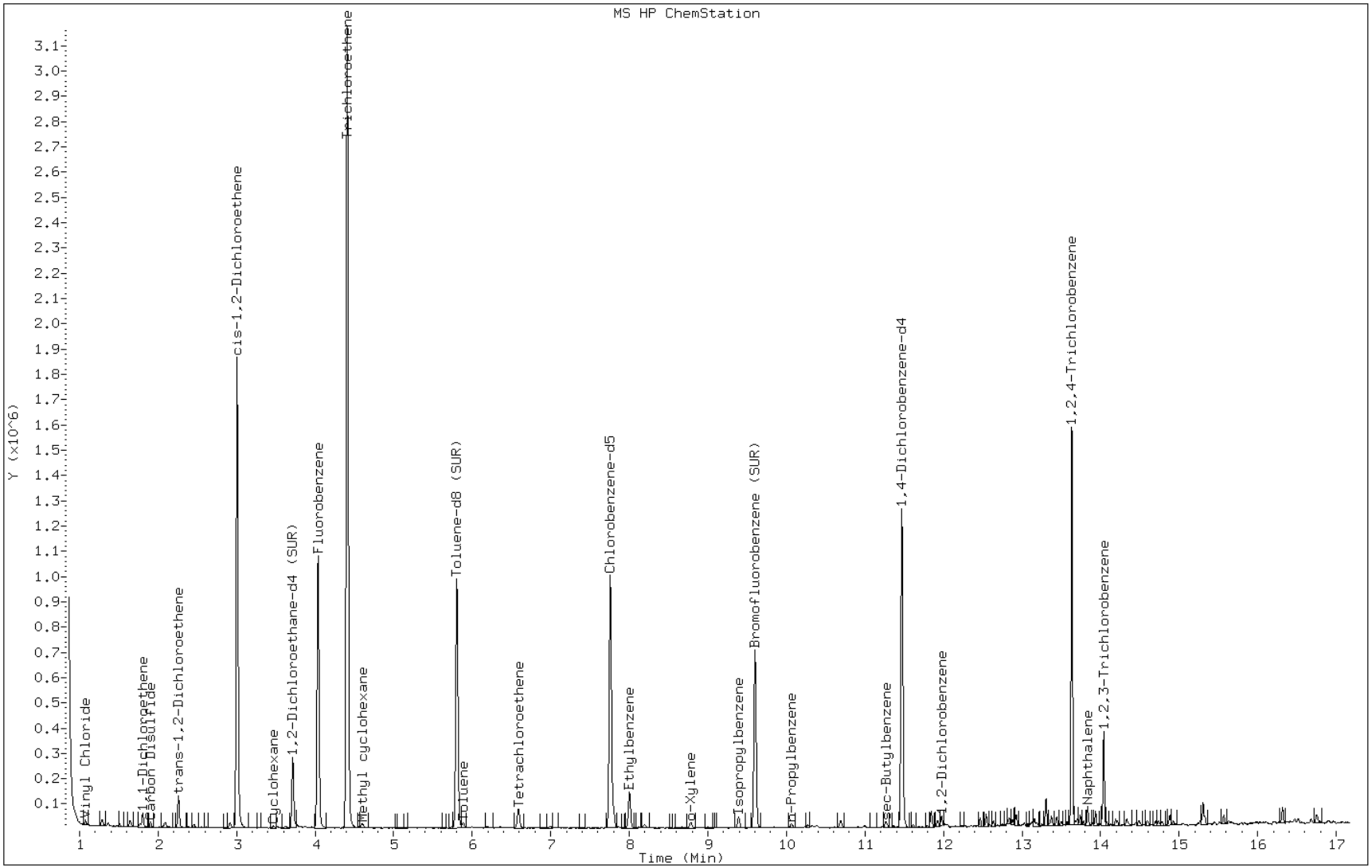
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9



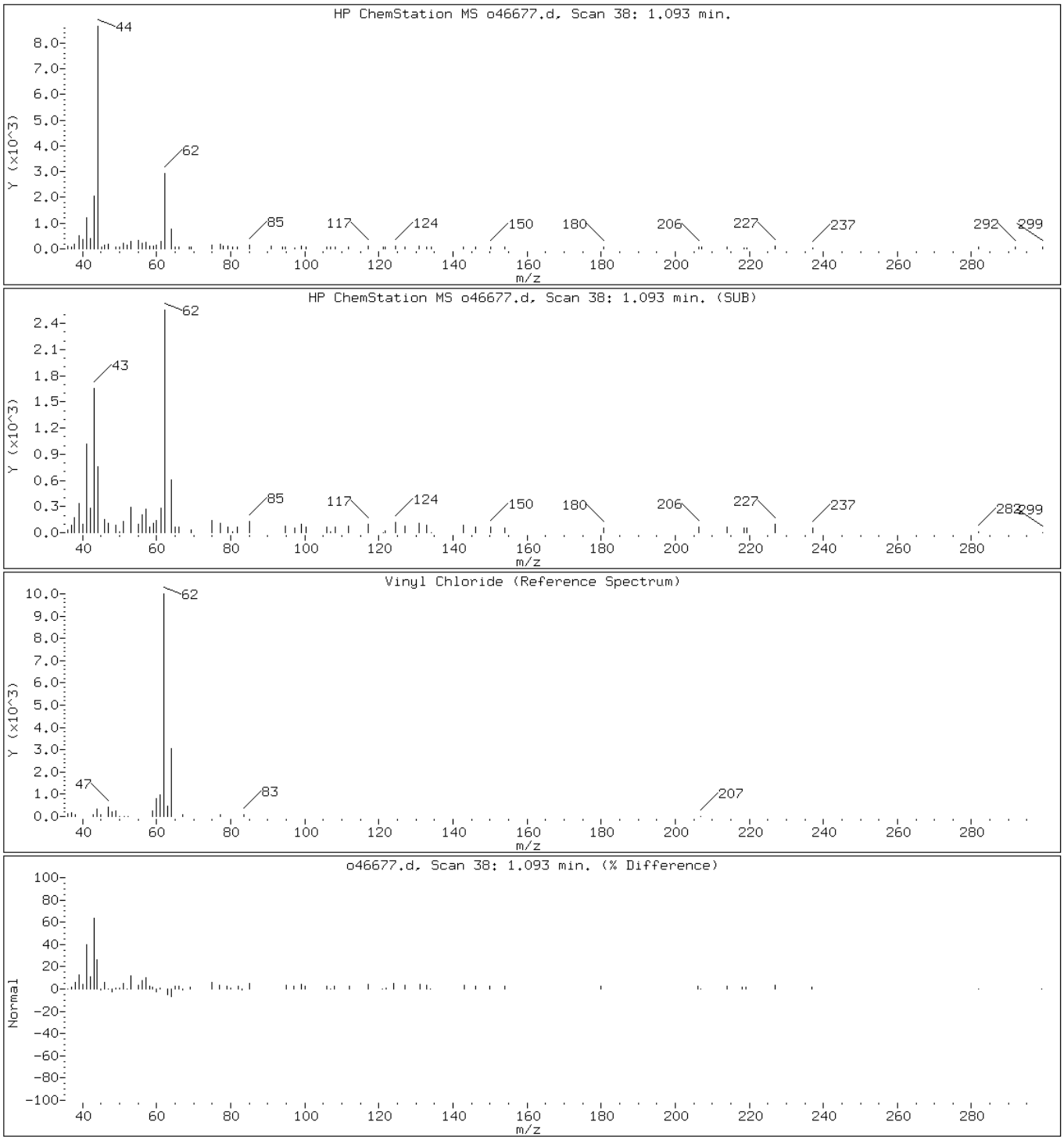
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

4 Vinyl Chloride



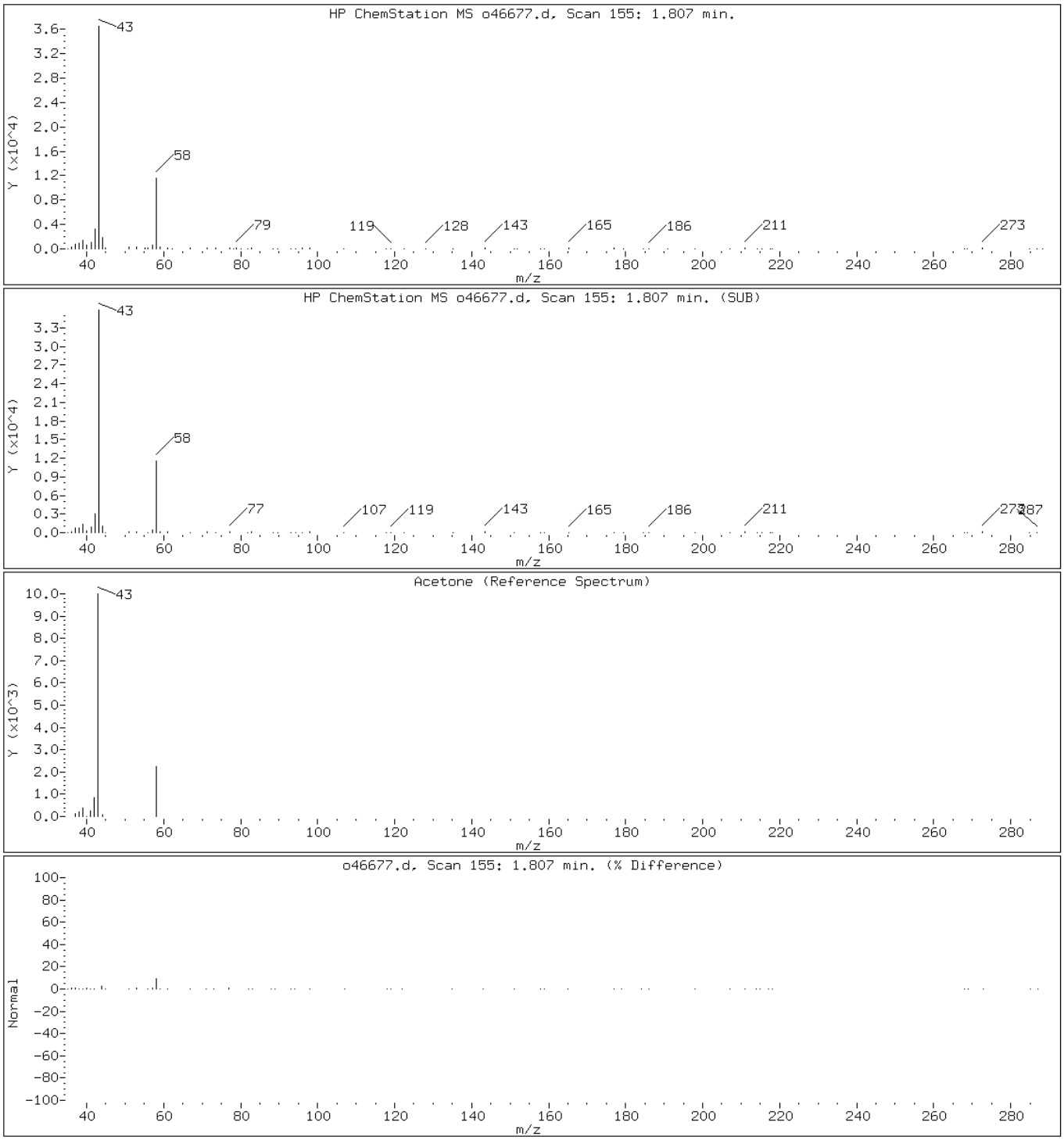
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

7 Acetone



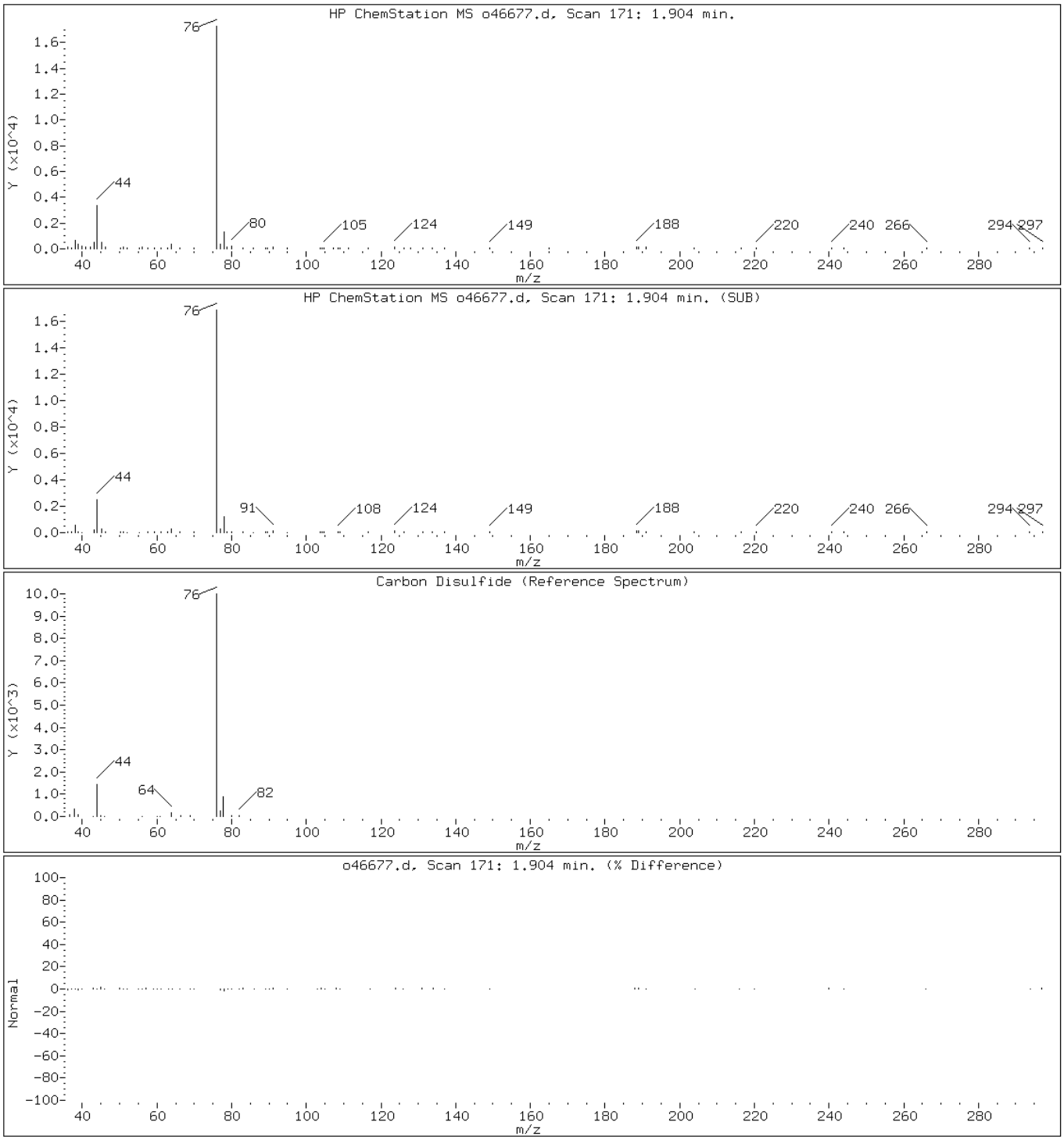
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

8 Carbon Disulfide



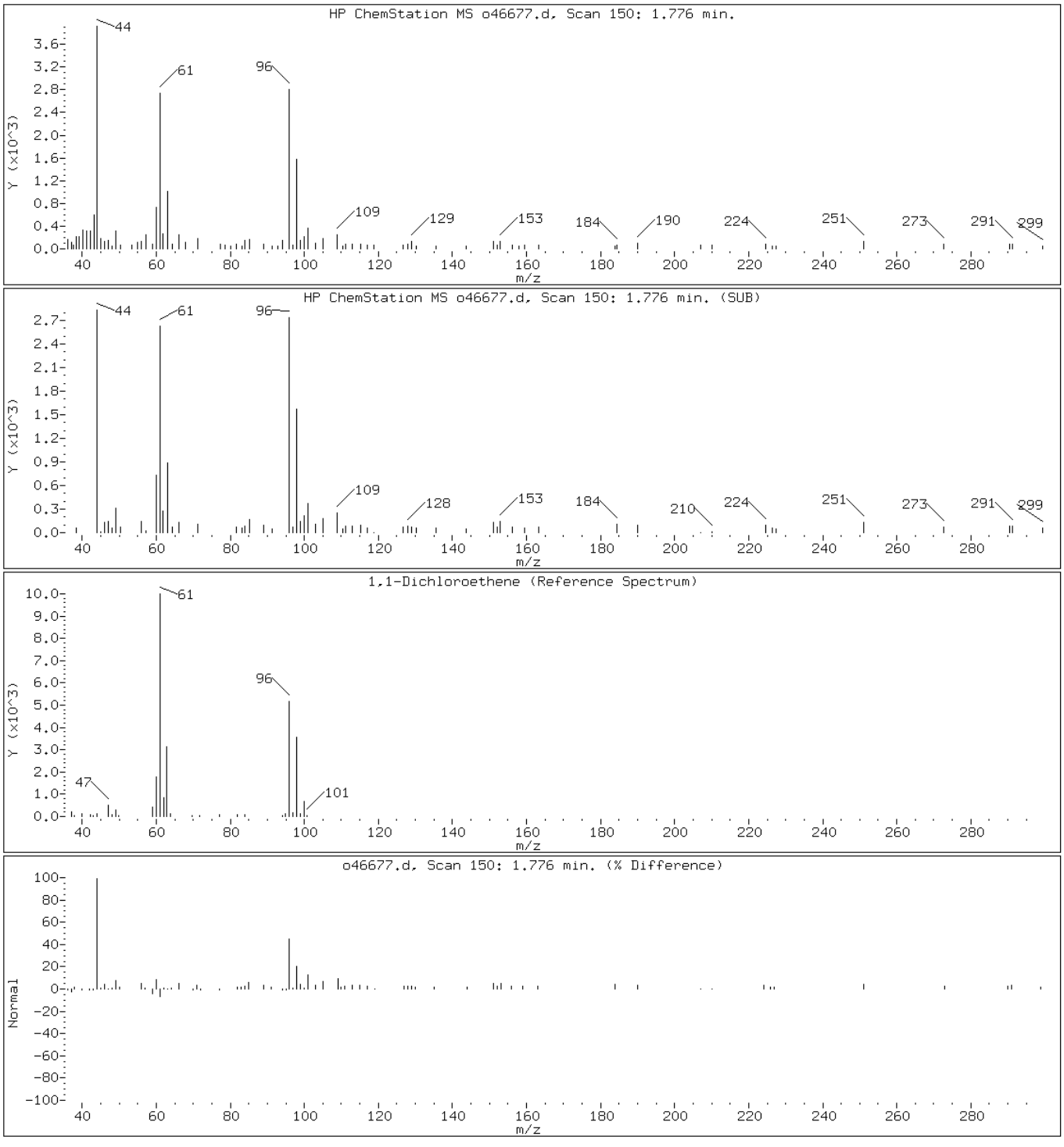
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

10 1,1-Dichloroethene



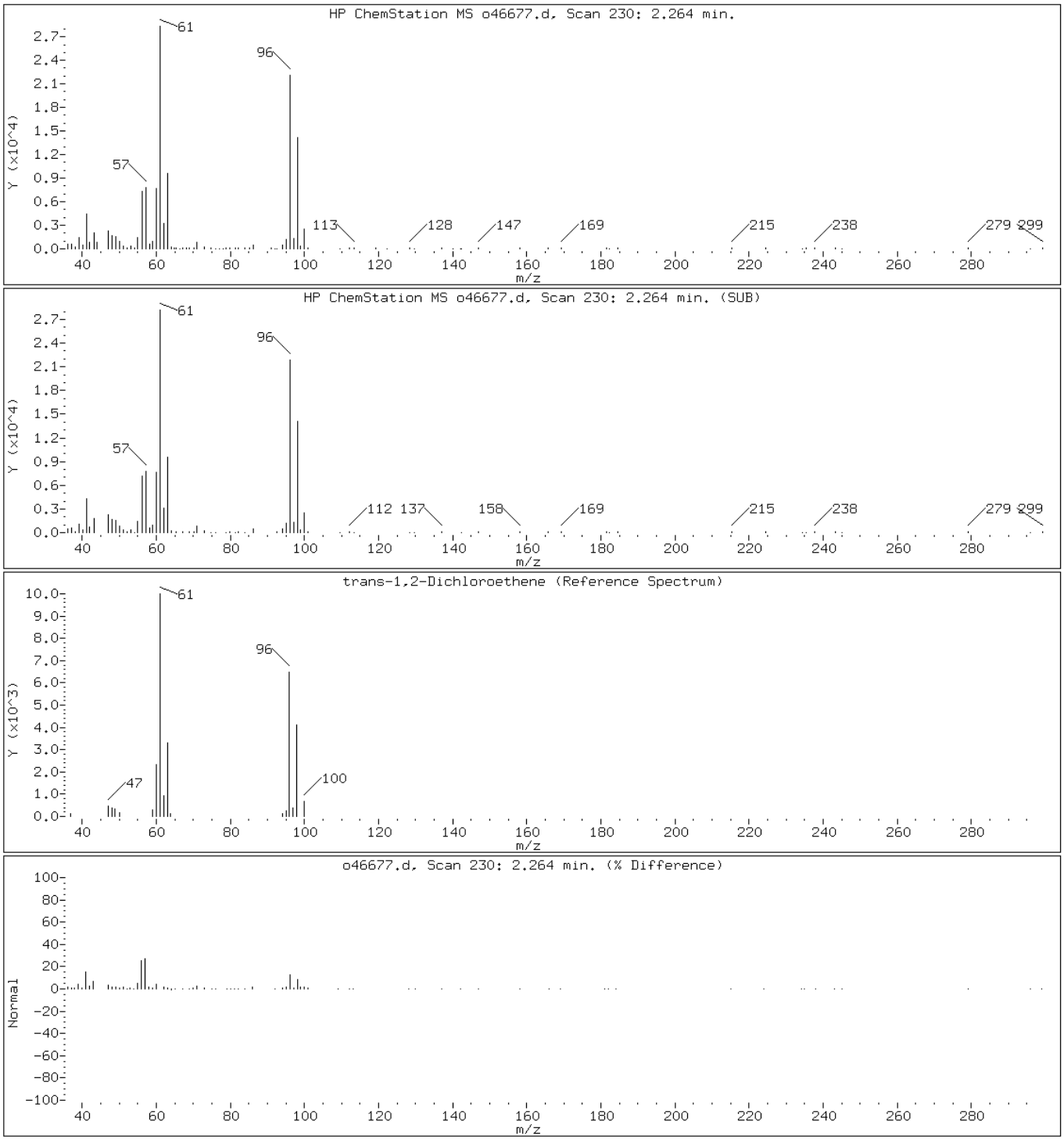
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

12 trans-1,2-Dichloroethene



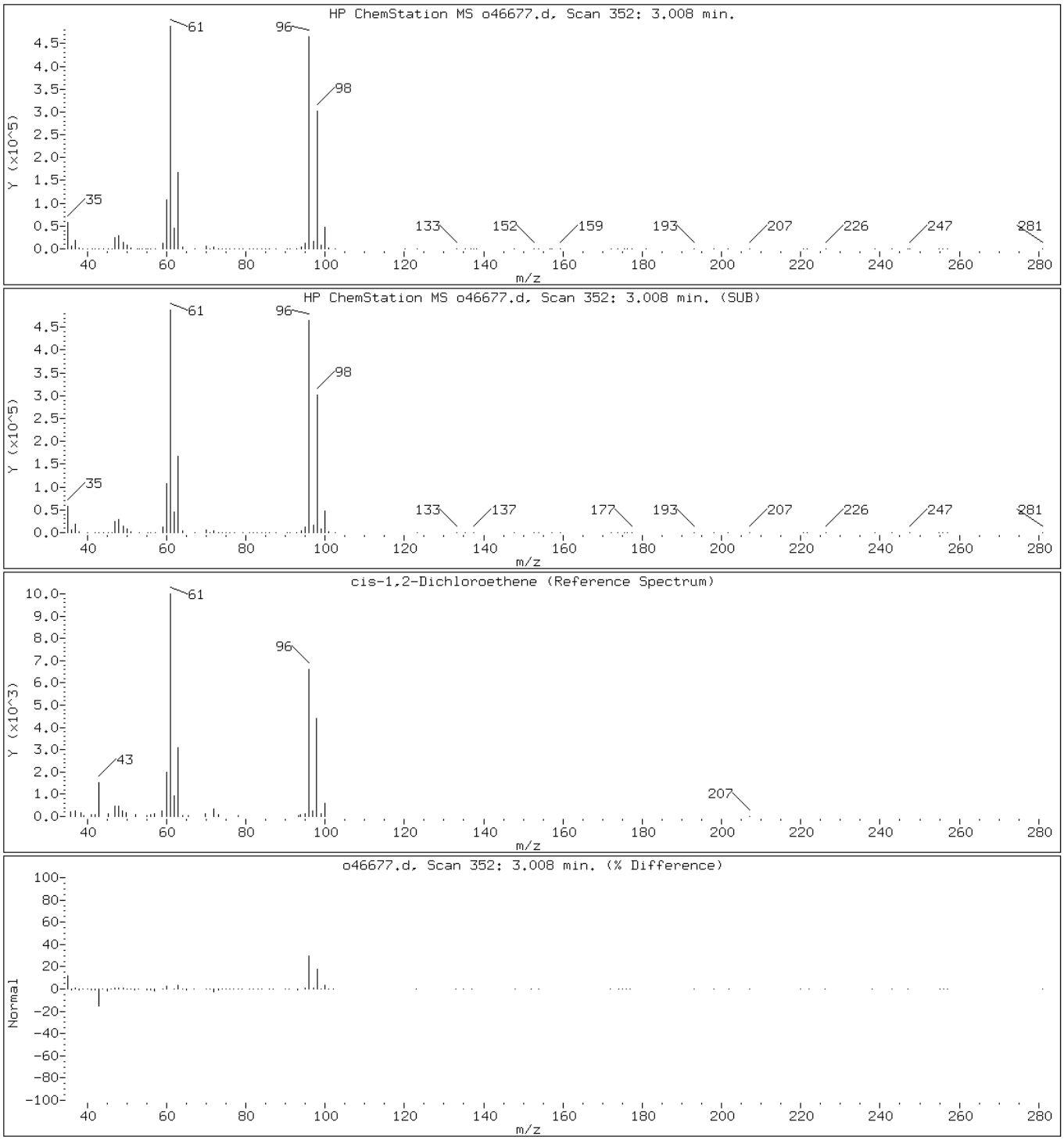
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



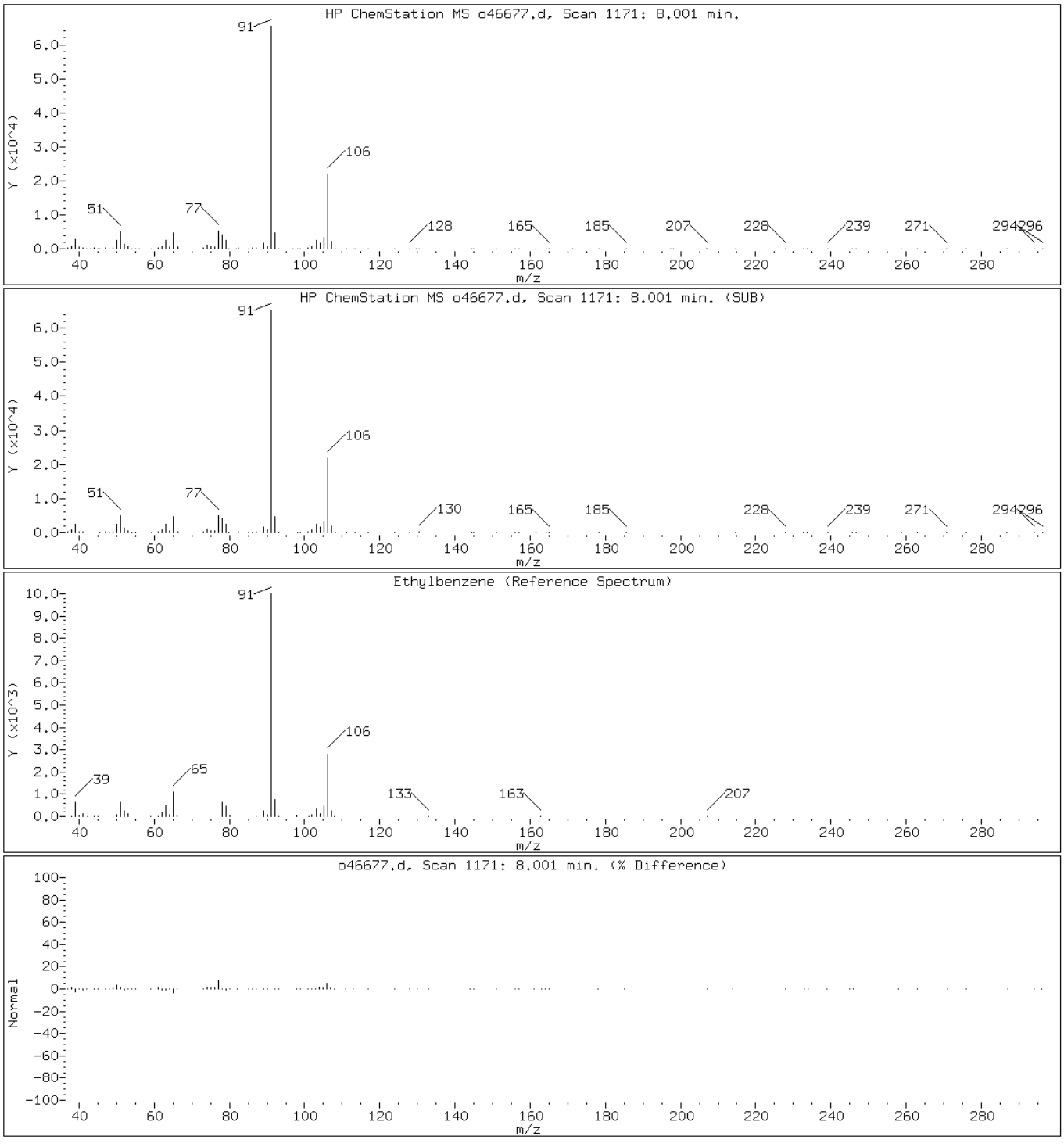
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

40 Ethylbenzene



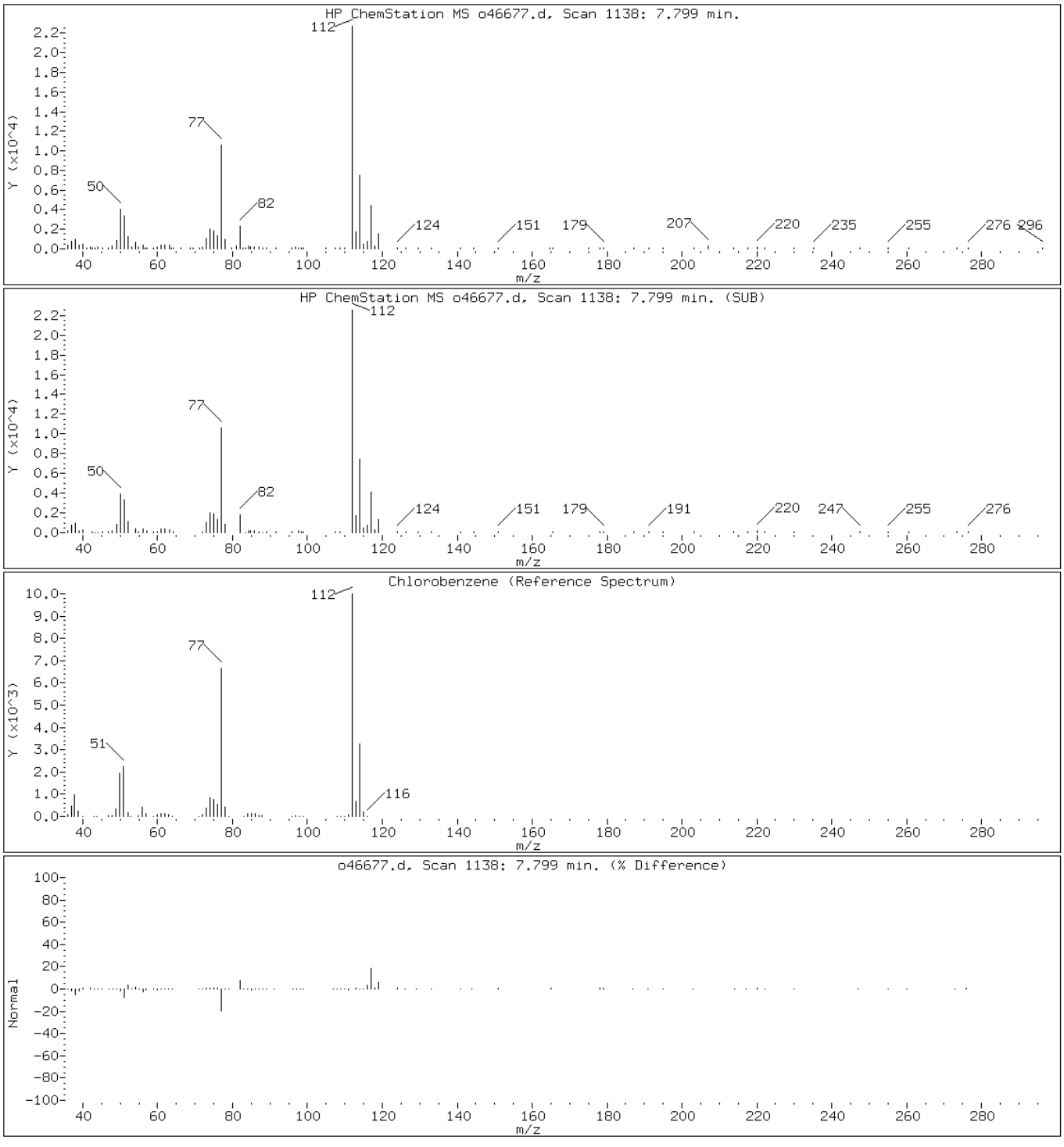
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

39 Chlorobenzene



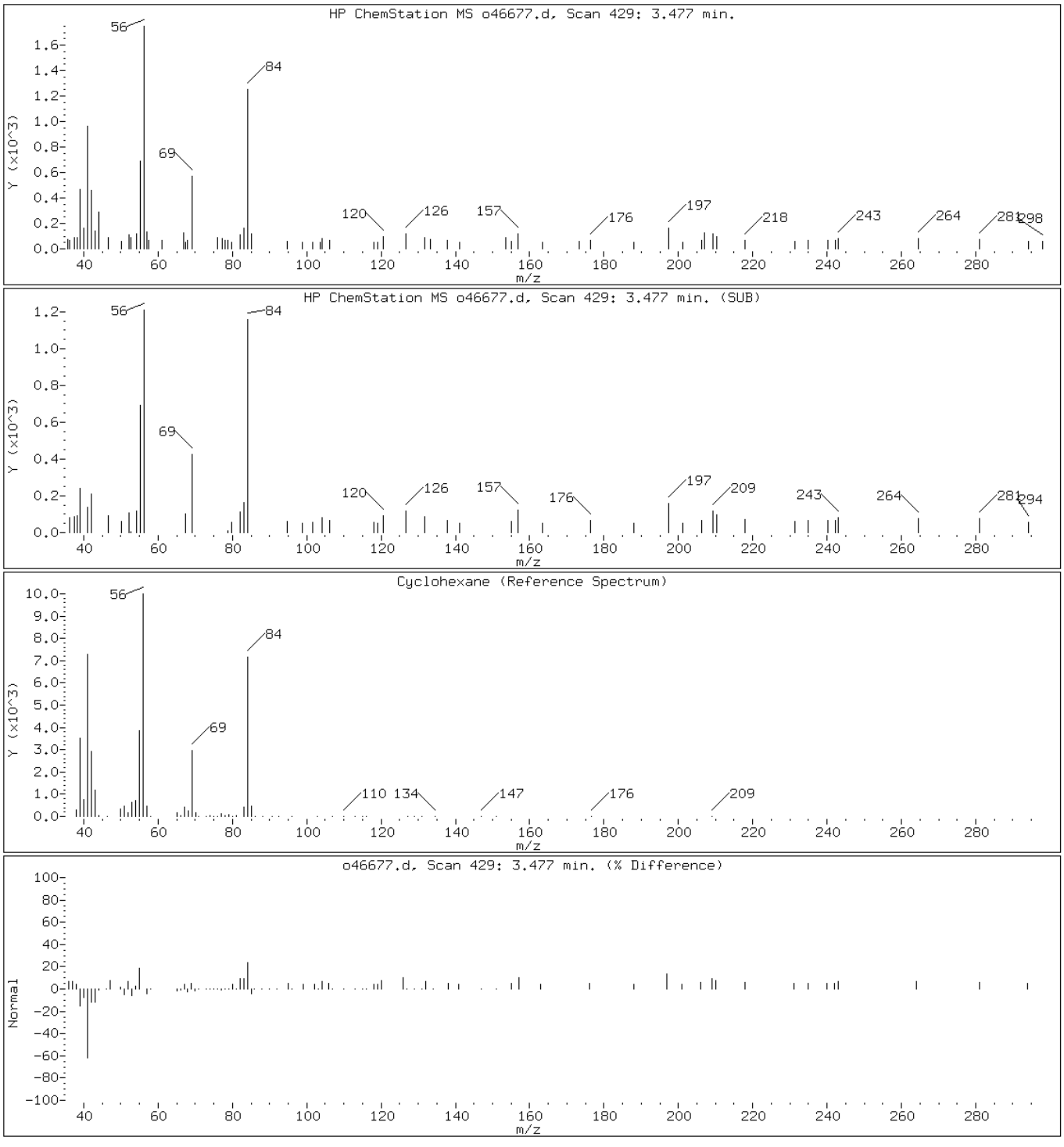
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

59 Cyclohexane



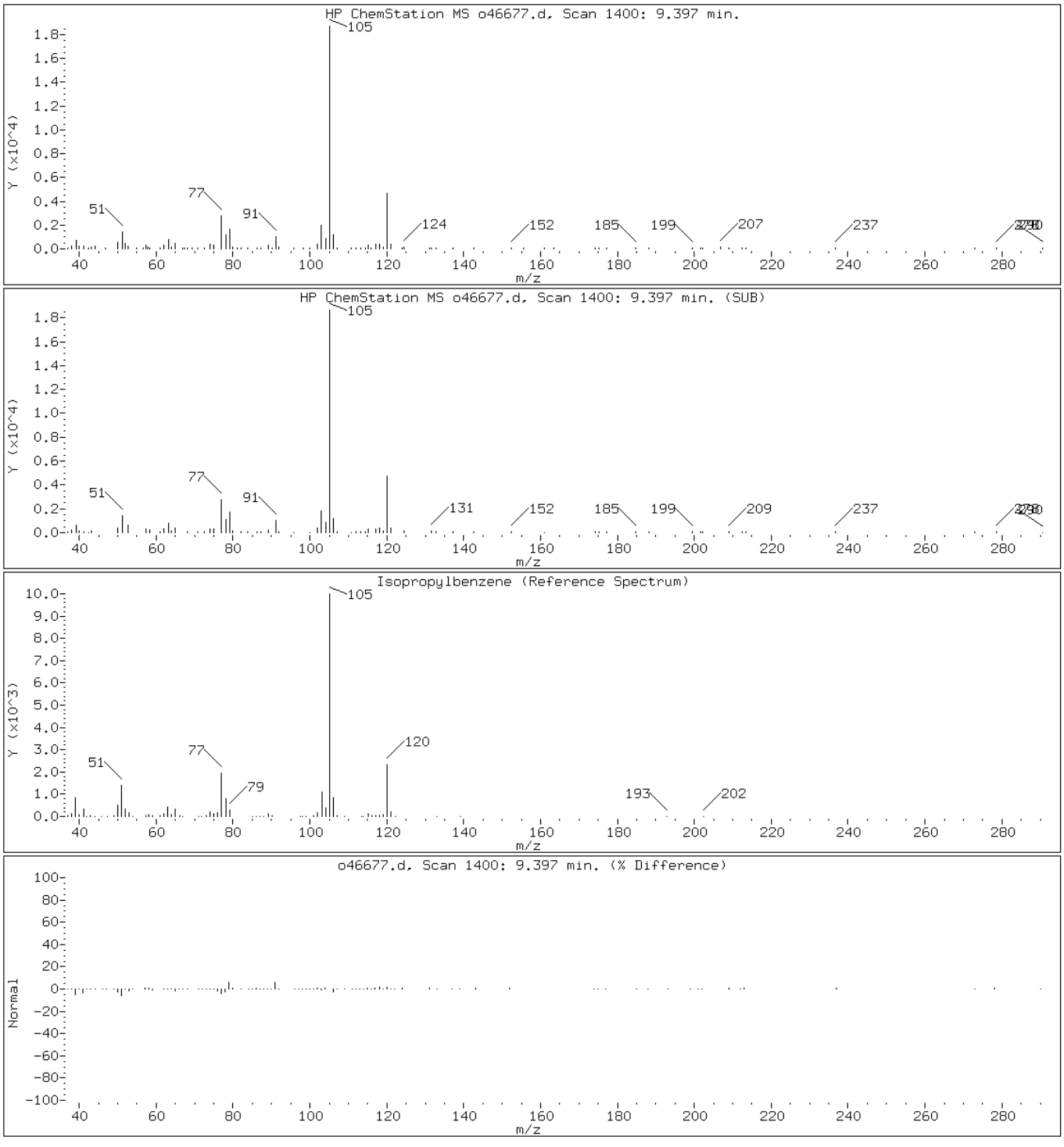
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

110 Isopropylbenzene



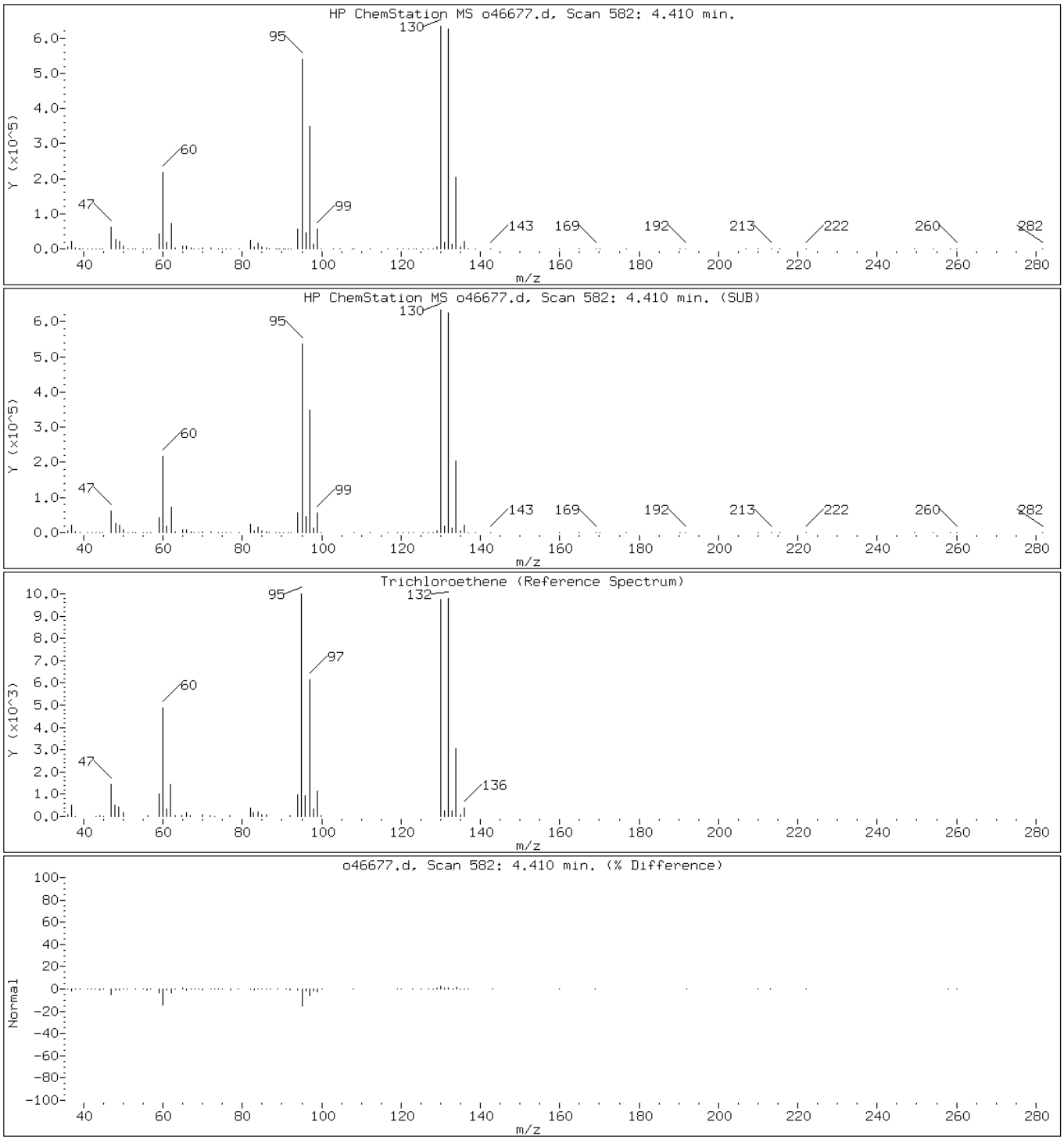
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

25 Trichloroethene



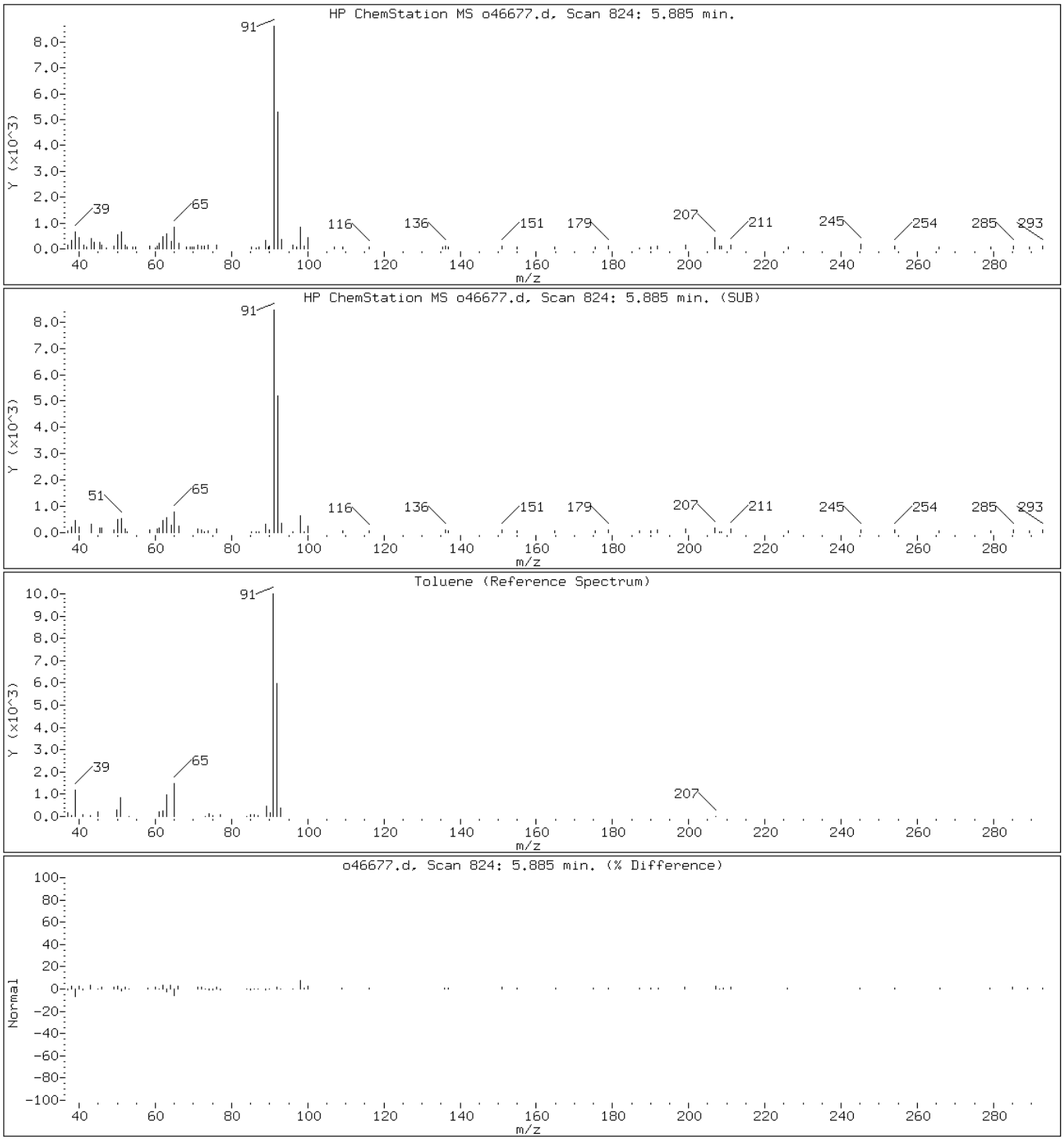
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

38 Toluene



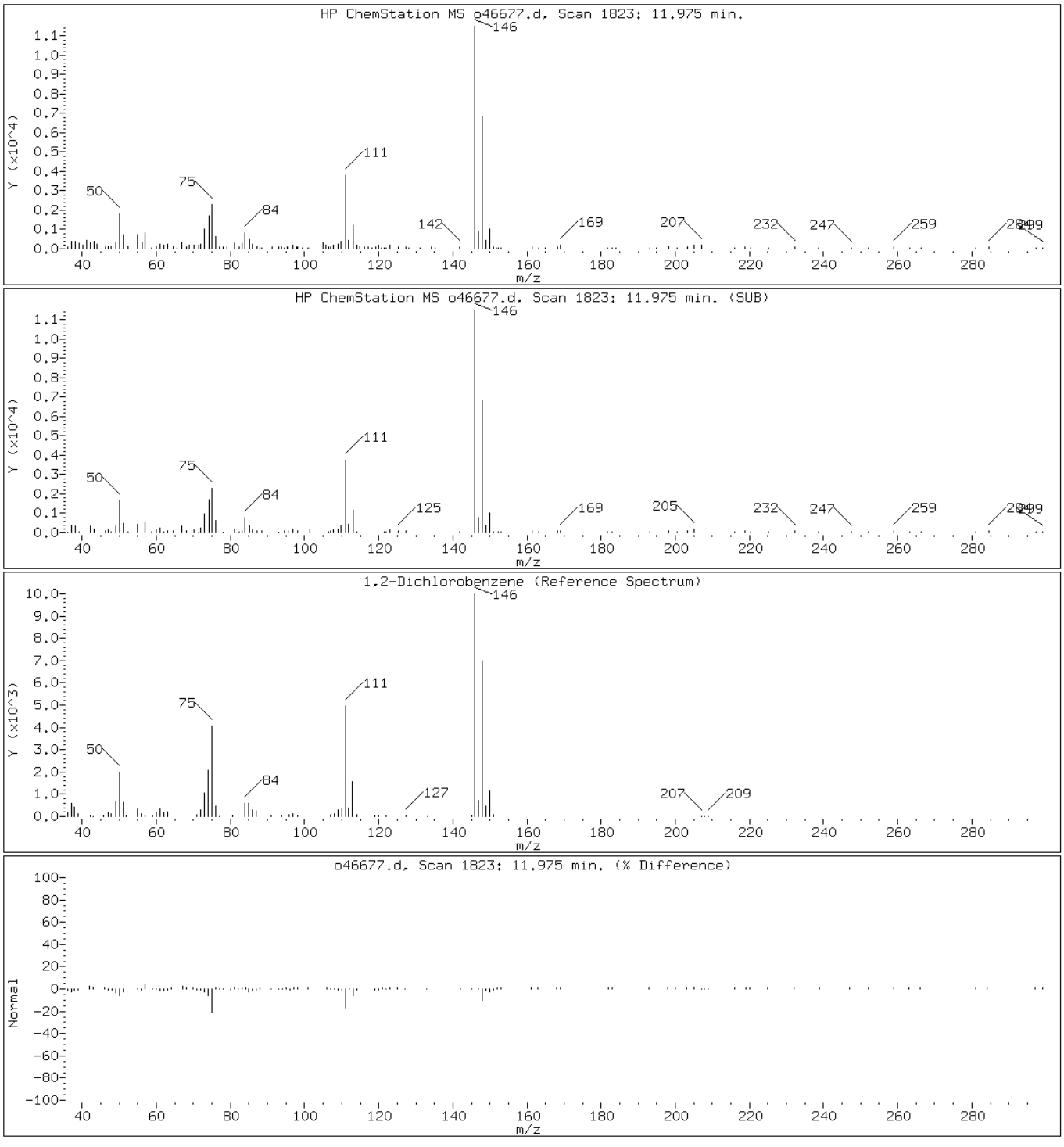
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

69 1,2-Dichlorobenzene



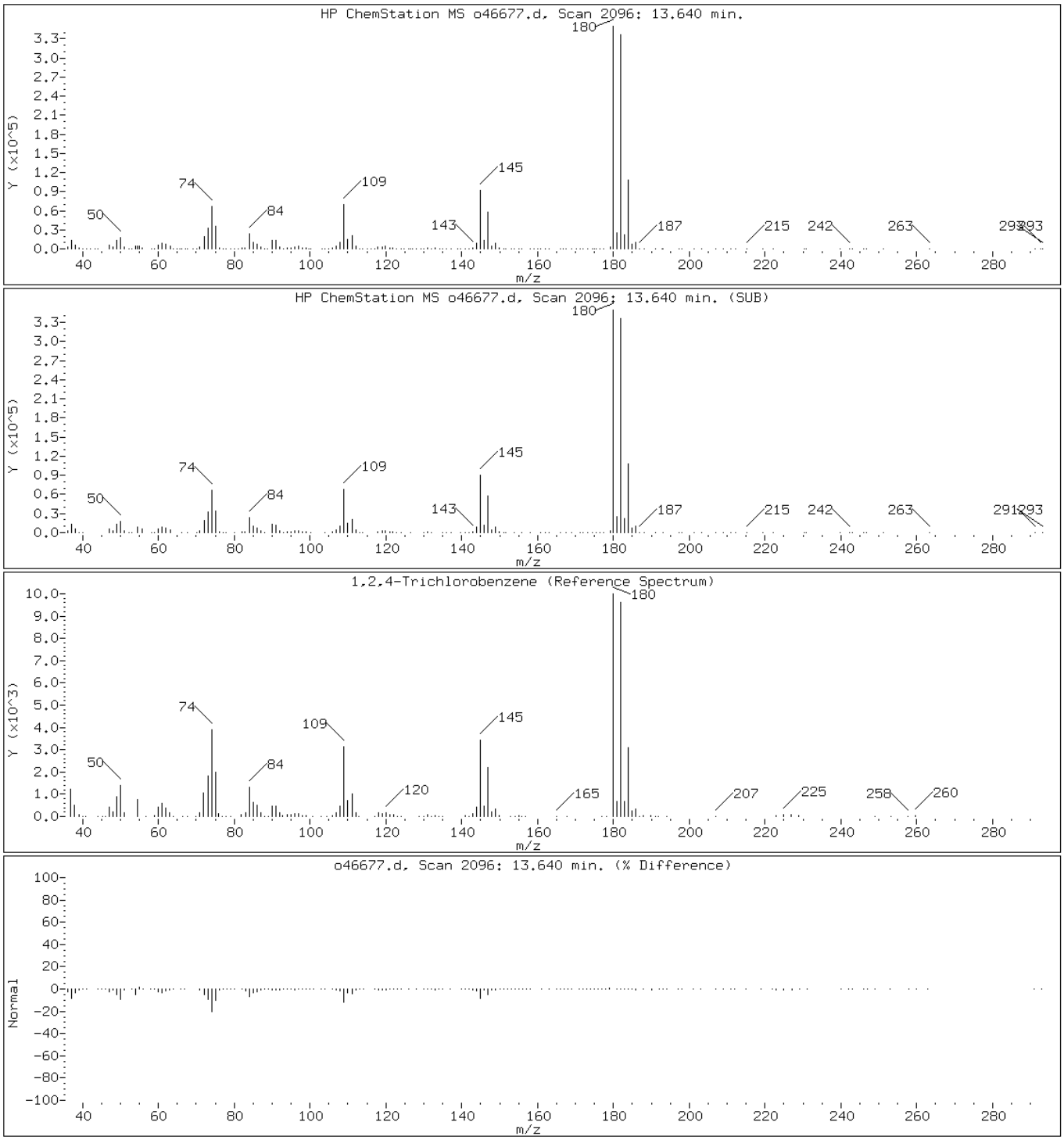
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



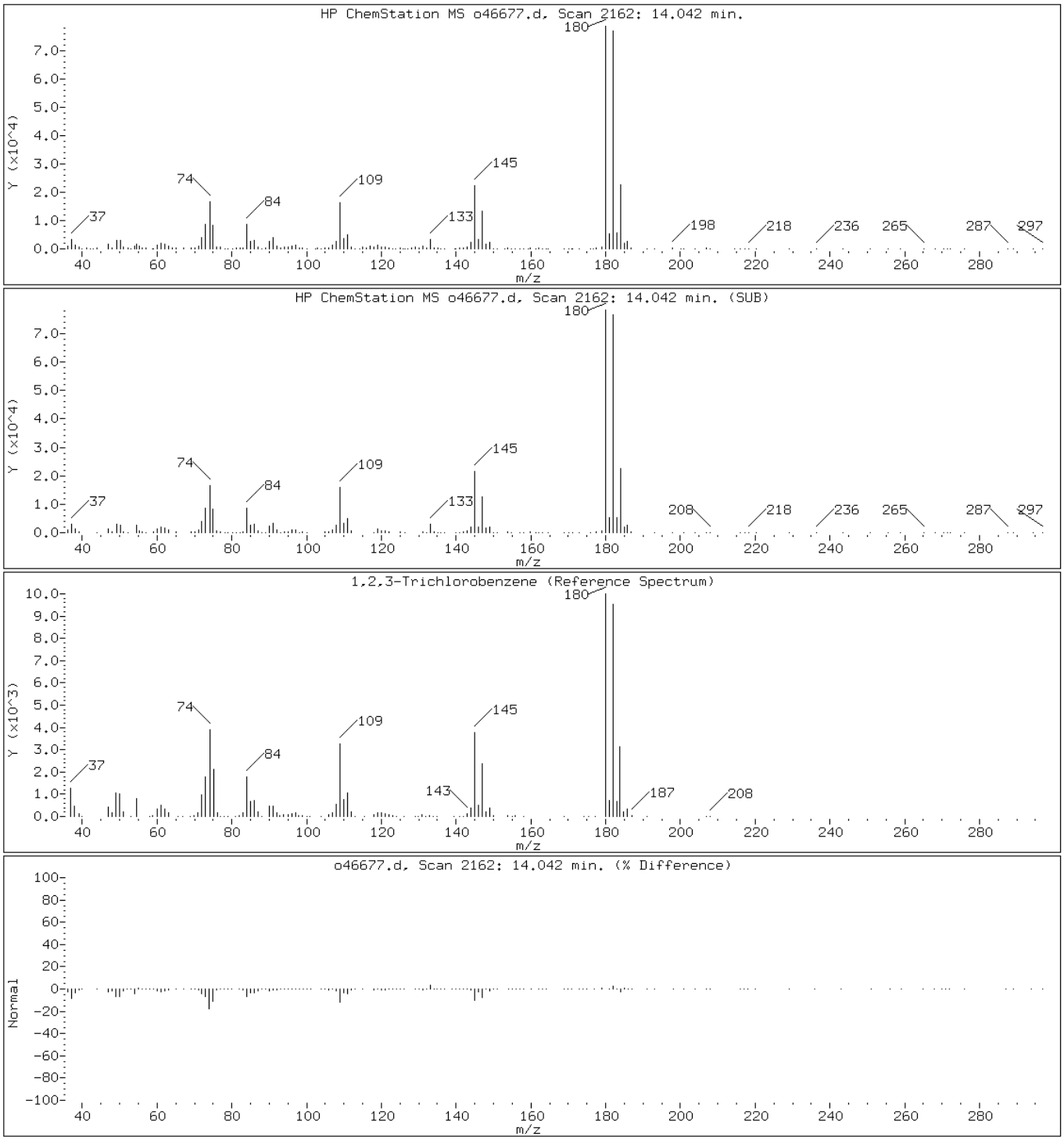
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



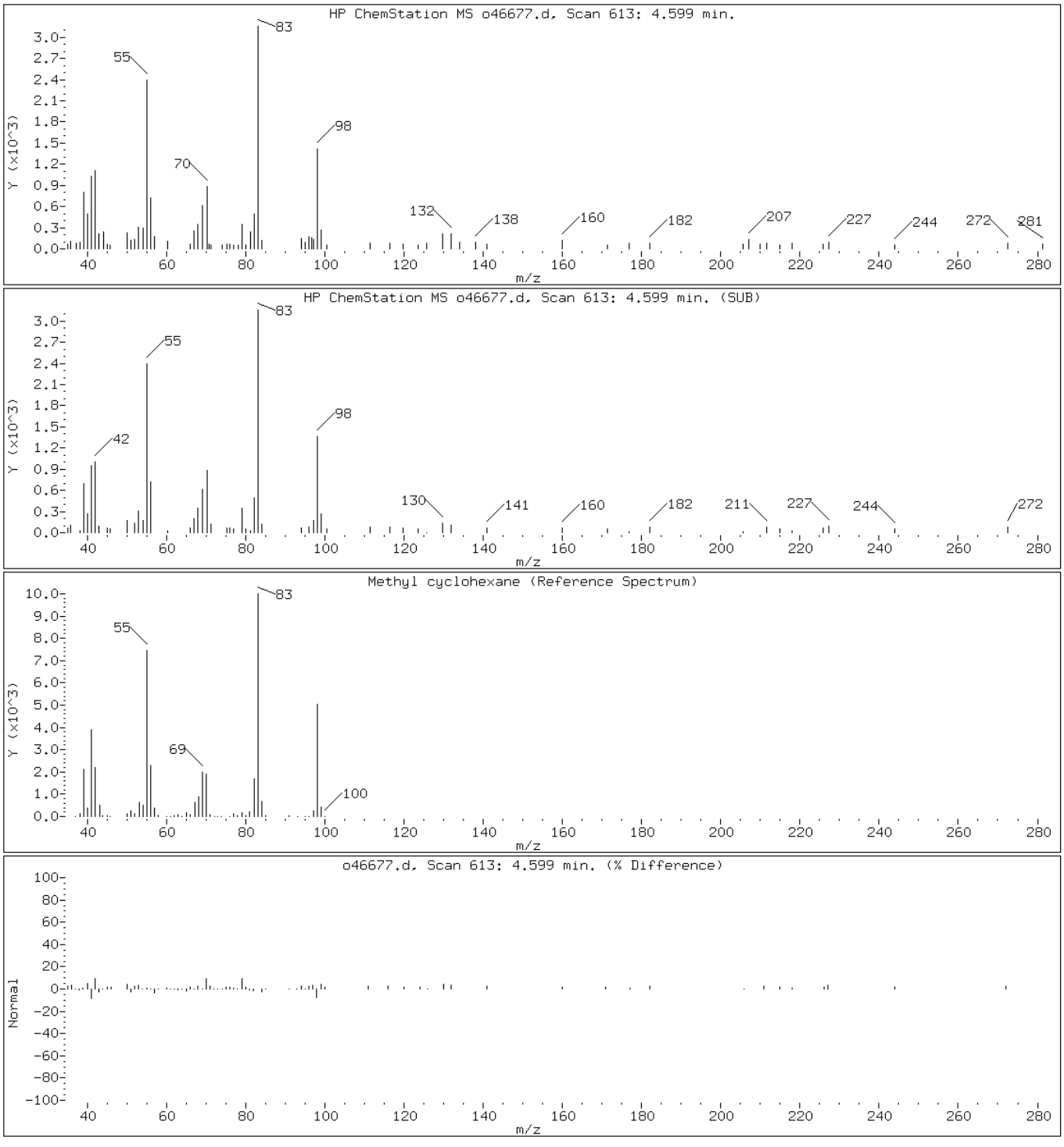
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

126 Methyl cyclohexane



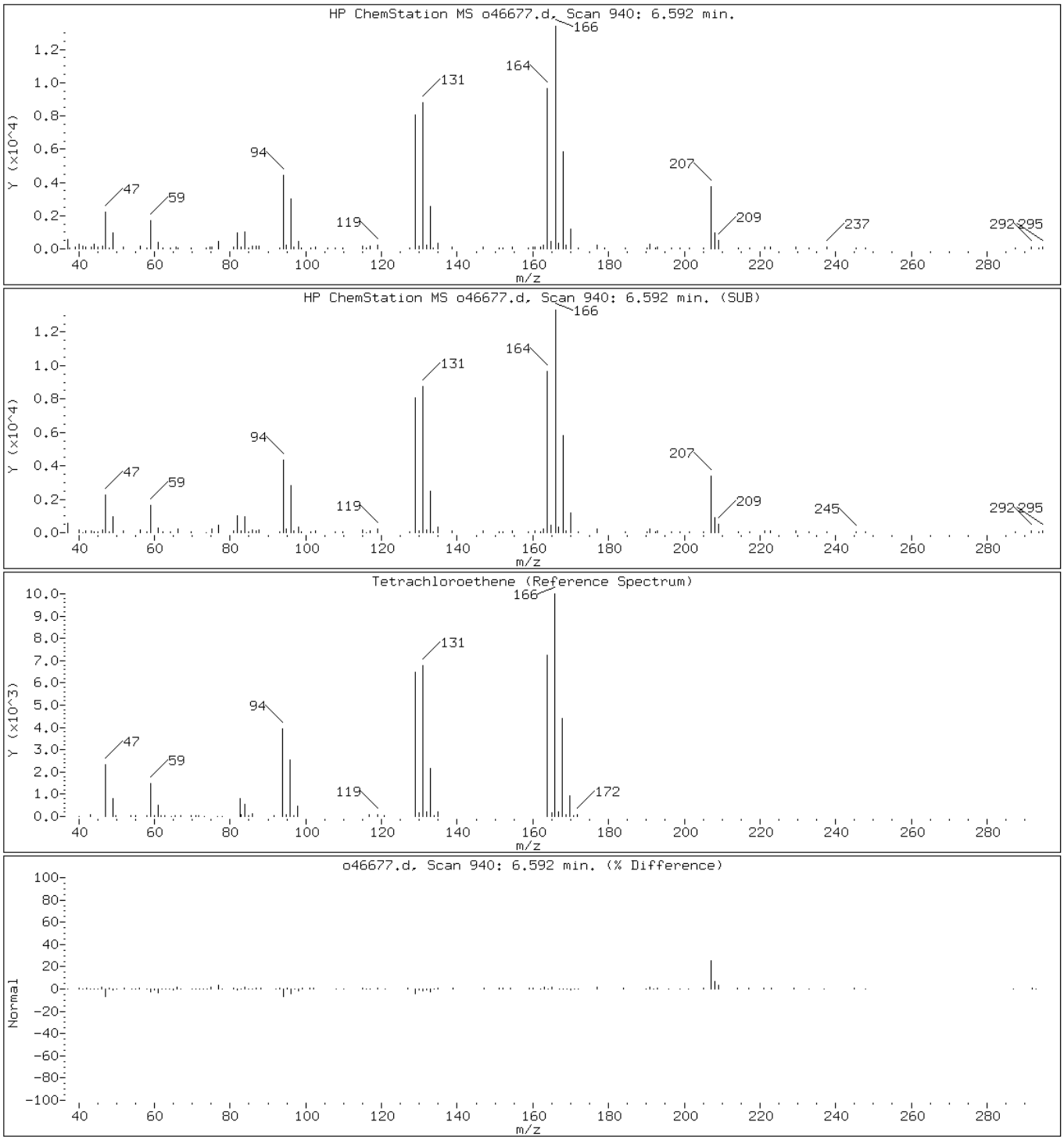
Data File: o46677.d

Date: 28-MAR-2011 08:21

Client ID: PMP-15-SD-E (23.5-2 Instrument: VOAMS12.i

Sample Info: 460-24277-D-21-A;;;10.58;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-VD-E (3-5) | Lab Sample ID: 460-24277-22

Matrix: Solid | Lab File ID: o46678.d

Analysis Method: 8260B | Date Collected: 03/18/2011 11:55

Sample wt/vol: 6.3(g) | Date Analyzed: 03/28/2011 08:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.4 | Level: (low/med) Low

Analysis Batch No.: 68639 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.84	U	0.84	0.53
74-83-9	Bromomethane	0.84	U	0.84	0.34
75-01-4	Vinyl chloride	0.84	U	0.84	0.20
75-00-3	Chloroethane	0.84	U	0.84	0.33
75-09-2	Methylene Chloride	0.84	U	0.84	0.40
67-64-1	Acetone	30		8.4	3.1
75-15-0	Carbon disulfide	0.84	U	0.84	0.39
75-69-4	Trichlorofluoromethane	0.84	U	0.84	0.22
75-35-4	1,1-Dichloroethene	0.84	U	0.84	0.31
75-34-3	1,1-Dichloroethane	0.84	U	0.84	0.21
156-60-5	trans-1,2-Dichloroethene	0.84	U	0.84	0.24
156-59-2	cis-1,2-Dichloroethene	0.23	J	0.84	0.20
67-66-3	Chloroform	0.84	U	0.84	0.20
78-93-3	2-Butanone	8.4	U	8.4	0.48
107-06-2	1,2-Dichloroethane	0.84	U	0.84	0.33
71-55-6	1,1,1-Trichloroethane	0.84	U	0.84	0.16
56-23-5	Carbon tetrachloride	0.84	U	0.84	0.085
71-43-2	Benzene	0.84	U	0.84	0.62
75-25-2	Bromoform	0.84	U	0.84	0.59
100-42-5	Styrene	0.84	U	0.84	0.29
100-41-4	Ethylbenzene	0.84	U	0.84	0.16
108-90-7	Chlorobenzene	0.84	U	0.84	0.40
110-82-7	Cyclohexane	0.84	U	0.84	0.19
98-82-8	Isopropylbenzene	0.84	U	0.84	0.22
591-78-6	2-Hexanone	8.4	U	8.4	1.4
1634-04-4	MTBE	0.84	U	0.84	0.29
76-13-1	Freon TF	0.84	U	0.84	0.40
79-20-9	Methyl acetate	0.84	U	0.84	0.75
123-91-1	1,4-Dioxane	42	U	42	3.5
79-01-6	Trichloroethene	1.2		0.84	0.30
108-88-3	Toluene	0.84	U	0.84	0.25
10061-02-6	trans-1,3-Dichloropropene	0.84	U	0.84	0.19
108-10-1	4-Methyl-2-pentanone	8.4	U	8.4	0.60
10061-01-5	cis-1,3-Dichloropropene	0.84	U	0.84	0.17
95-50-1	1,2-Dichlorobenzene	0.84	U	0.84	0.53
541-73-1	1,3-Dichlorobenzene	0.84	U	0.84	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-VD-E (3-5) | Lab Sample ID: 460-24277-22

Matrix: Solid | Lab File ID: o46678.d

Analysis Method: 8260B | Date Collected: 03/18/2011 11:55

Sample wt/vol: 6.3(g) | Date Analyzed: 03/28/2011 08:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.4 | Level: (low/med) Low

Analysis Batch No.: 68639 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	0.60
120-82-1	1,2,4-Trichlorobenzene	27		0.84	0.45
87-61-6	1,2,3-Trichlorobenzene	0.84	U	0.84	0.54
78-87-5	1,2-Dichloropropane	0.84	U	0.84	0.27
108-87-2	Methylcyclohexane	0.84	U	0.84	0.23
127-18-4	Tetrachloroethene	0.73	J	0.84	0.28
1330-20-7	Xylenes, Total	2.5	U	2.5	0.66
96-12-8	1,2-Dibromo-3-Chloropropane	0.84	U	0.84	0.51
79-34-5	1,1,2,2-Tetrachloroethane	0.84	U	0.84	0.64
79-00-5	1,1,2-Trichloroethane	0.84	U	0.84	0.50
124-48-1	Dibromochloromethane	0.84	U	0.84	0.47
106-93-4	1,2-Dibromoethane	0.84	U	0.84	0.43
75-71-8	Dichlorodifluoromethane	0.84	U	0.84	0.34
74-97-5	Bromochloromethane	0.84	U	0.84	0.23
75-27-4	Bromodichloromethane	0.84	U	0.84	0.26

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-138
2037-26-5	Toluene-d8 (Surr)	88		66-126
460-00-4	Bromofluorobenzene	101		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-VD-E (3-5) Lab Sample ID: 460-24277-22

Matrix: Solid Lab File ID: o46678.d

Analysis Method: 8260B Date Collected: 03/18/2011 11:55

Sample wt/vol: 6.3(g) Date Analyzed: 03/28/2011 08:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.4 Level: (low/med) Low

Analysis Batch No.: 68639 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 1349

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydromethylnaphthalene isomer	12.89	87	J
	Unknown Alkane/Unknown	13.29	160	J
	Unknown Alkane-1	13.52	82	J
	C13H26 Cycloalkane	13.80	180	J
	Unknown	13.88	92	J
	C14H30 Alkane	14.02	200	J
	Unknown-3	14.20	110	J
	Unknown-4	14.27	190	J
	Unknown Alkane-2	14.79	98	J
	Unknown-6	15.06	150	J

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46678.d
Report Date: 30-Mar-2011 11:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46678.d
Lab Smp Id: 460-24277-D-22-A Client Smp ID: PMP-28-VD-E (3-5)
Inj Date : 28-MAR-2011 08:45
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-22-A;;;6.30;5
Misc Info : 460-24277-D-22-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/8260L_10.m
Meth Date : 28-Mar-2011 04:46 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.30000	Weight of sample extracted (g)
M	5.40915	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.807	1.813	(0.447)	27972	36.0725	30
	13 cis-1,2-Dichloroethene	96	3.002	3.008	(0.743)	1639	0.27334	0.23(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	162128	48.7046	41
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	905322	50.0000	
	25 Trichloroethene	95	4.404	4.404	(1.091)	8444	1.47537	1.2
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	674508	44.2117	37
	35 Tetrachloroethene	166	6.598	6.592	(0.851)	6152	0.87042	0.73(a)
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	662413	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.604	(0.837)	261992	50.6366	42
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.469	(1.000)	347517	50.0000	
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	332087	32.0710	27

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46678.d
Report Date: 30-Mar-2011 11:07

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46678.d
Report Date: 30-Mar-2011 11:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46678.d
Lab Smp Id: 460-24277-D-22-A Client Smp ID: PMP-28-VD-E (3-5)
Inj Date : 28-MAR-2011 08:45
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-22-A;;;6.30;5
Misc Info : 460-24277-D-22-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/8260L_10.m
Meth Date : 28-Mar-2011 04:46 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.30000	Weight of sample extracted (g)
M	5.40915	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 91 1,4-Dichlorobenzene-d4	11.469	2055539	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Decahydromethylnaphthalene isomer					CAS #:		
12.890	4261487	103.658582	87	0	0		91
Unknown Alkane/Unknown					CAS #:		
13.292	7935713	193.032339	160	0	0		91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46678.d
Report Date: 30-Mar-2011 11:07

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Decahydrodimethylnaphthalene isomer					CAS #:		
13.463	3804556	92.5439568	78	0		0	91(L)
Unknown Alkane-1					CAS #:		
13.518	4014592	97.6529934	82	0		0	91
C12H18 Aromatic					CAS #:		
13.542	3172967	77.1808569	65	0		0	91
Trichlorobenzene isomer					CAS #:		
13.640	3086464	75.0767287	63	0		0	91
C13H26 Cycloalkane					CAS #:		
13.798	8722693	212.175244	180	0		0	91
Unknown					CAS #:		
13.877	4483336	109.054951	92	0		0	91
Unknown-1					CAS #:		
13.902	3290905	80.0496428	67	0		0	91
C14H30 Alkane					CAS #:		
14.024	9731829	236.721966	200	0		0	91
Unknown-2					CAS #:		
14.140	3225075	78.4483644	66	0		0	91
Unknown-3					CAS #:		
14.201	5383316	130.946518	110	0		0	91
Unknown-4					CAS #:		
14.268	9520769	231.588034	190	0		0	91
Unknown-5					CAS #:		
14.457	3143521	76.4646191	64	0		0	91
Unknown Alkane-2					CAS #:		
14.786	4796692	116.677177	98	0		0	91
Unknown-6					CAS #:		
15.060	7573125	184.212558	150	0		0	91

QC Flag Legend

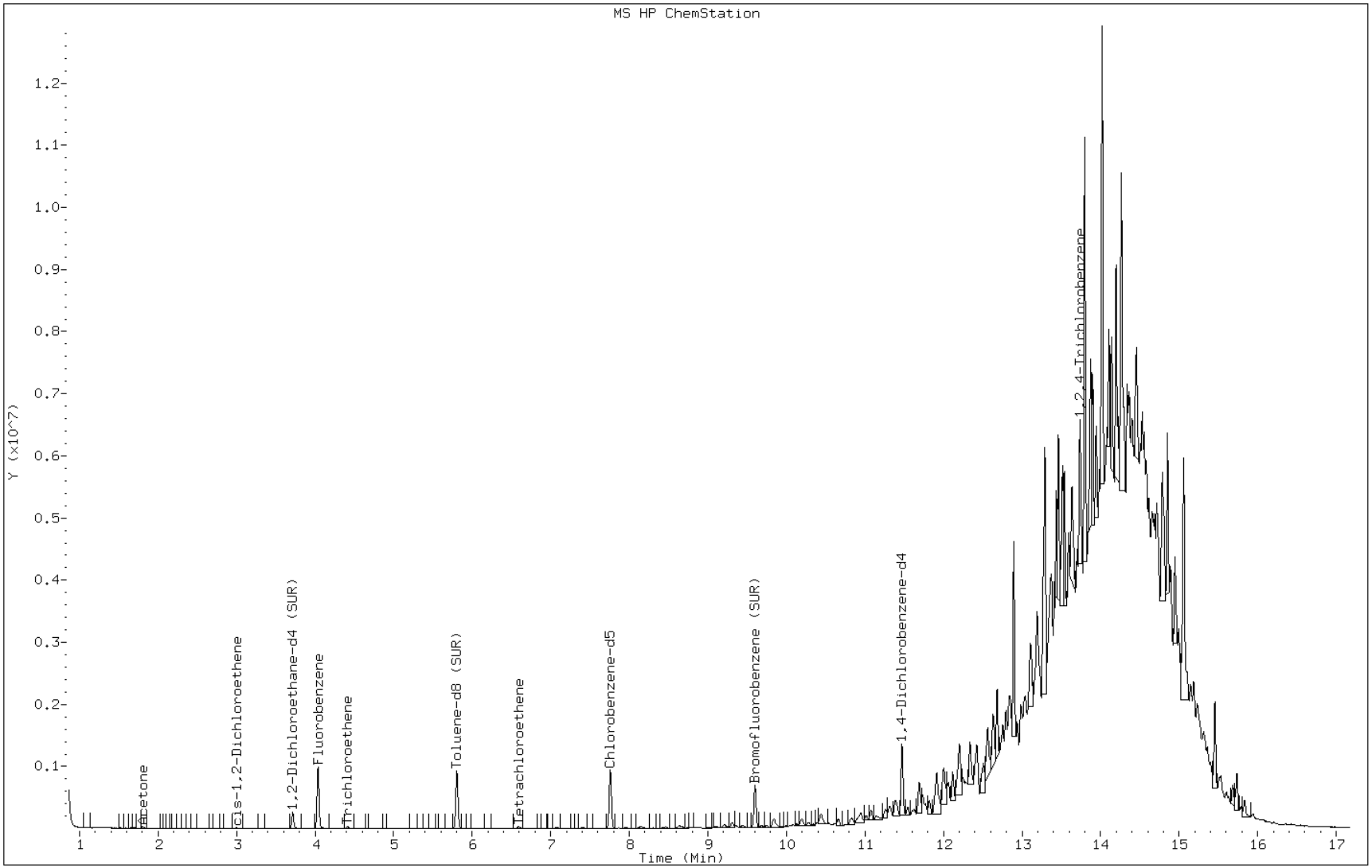
L - Operator selected an alternate library search match.

Data File: o46678.d

Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9



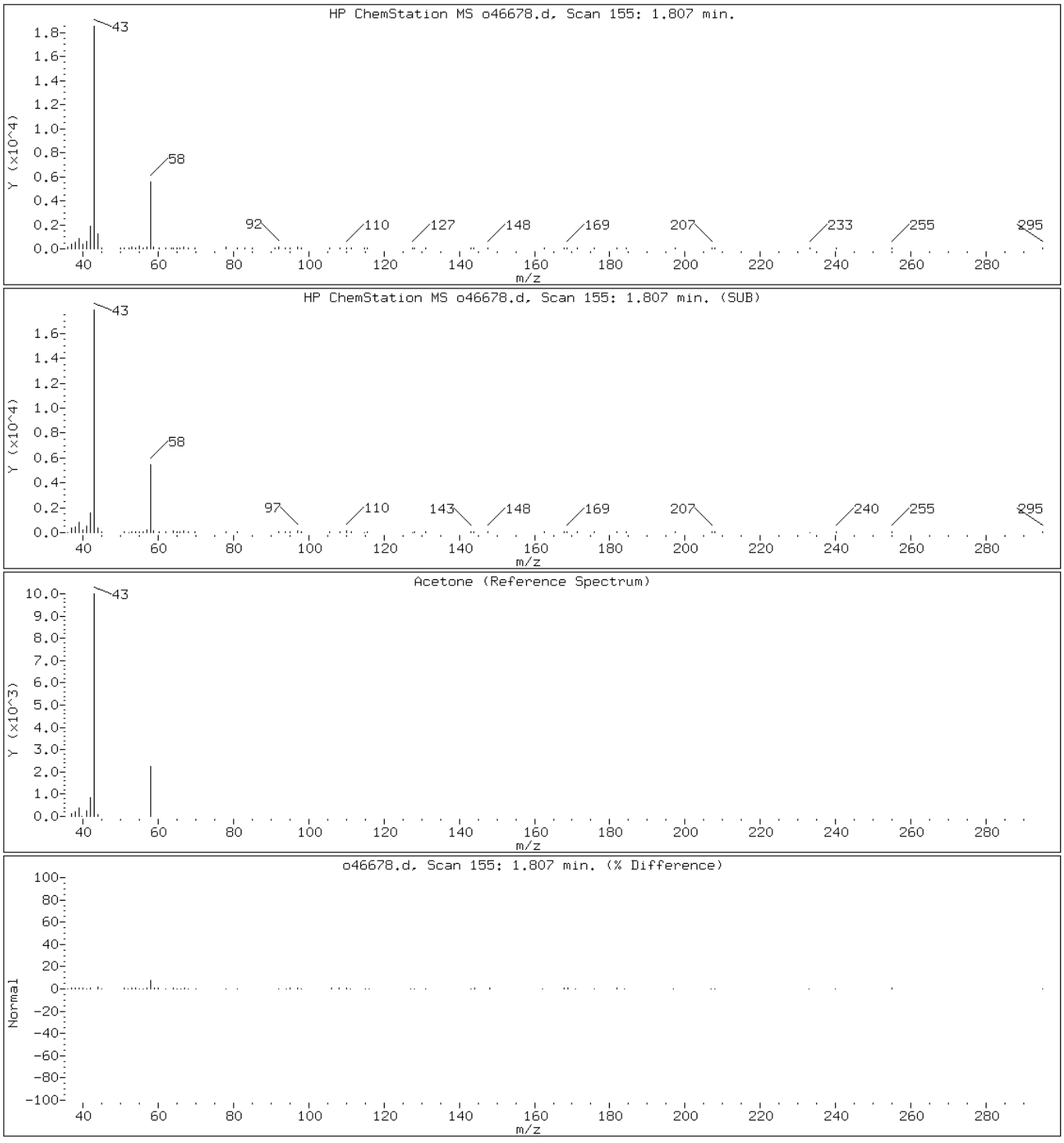
Data File: o46678.d

Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

7 Acetone



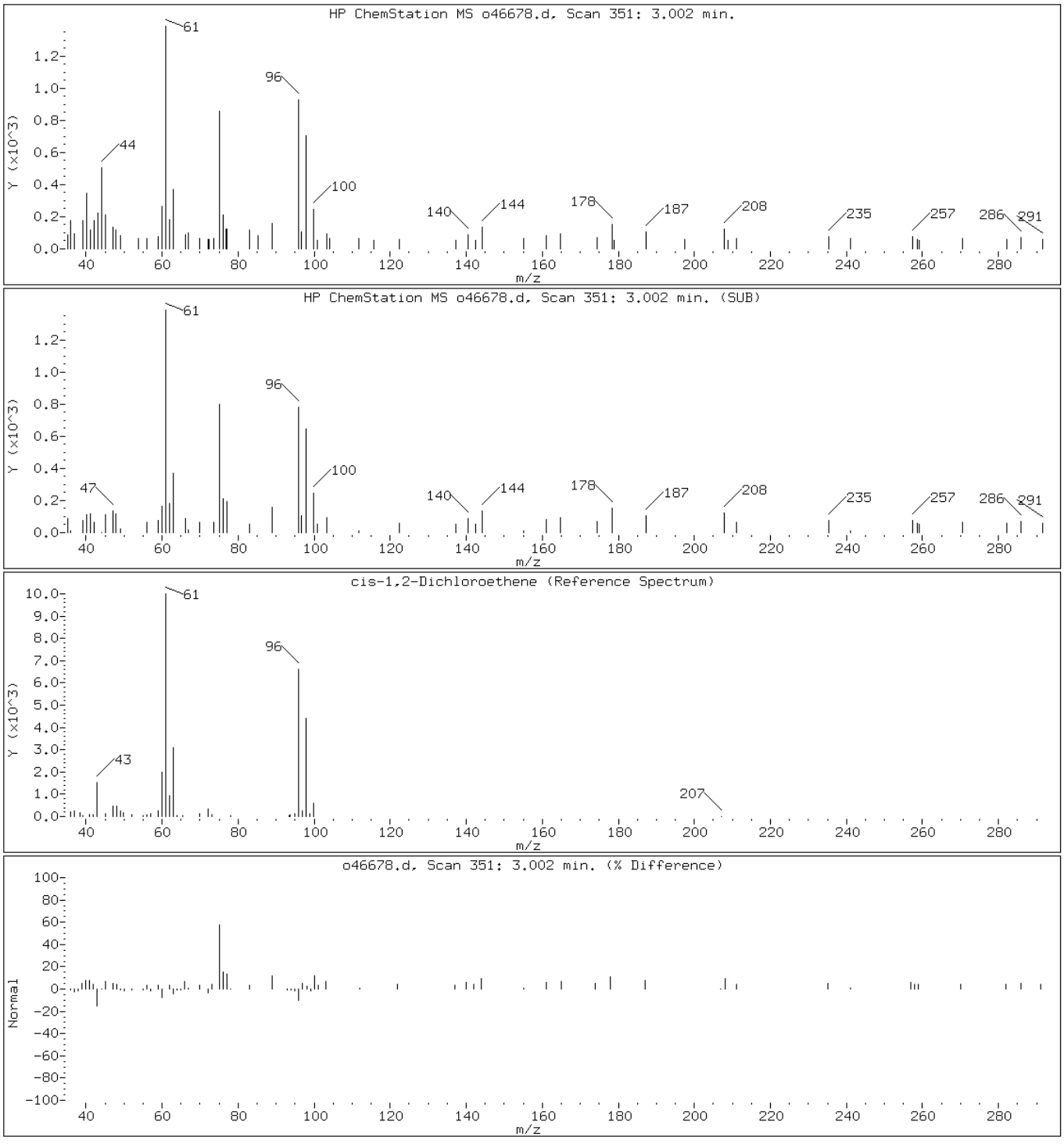
Data File: o46678.d

Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



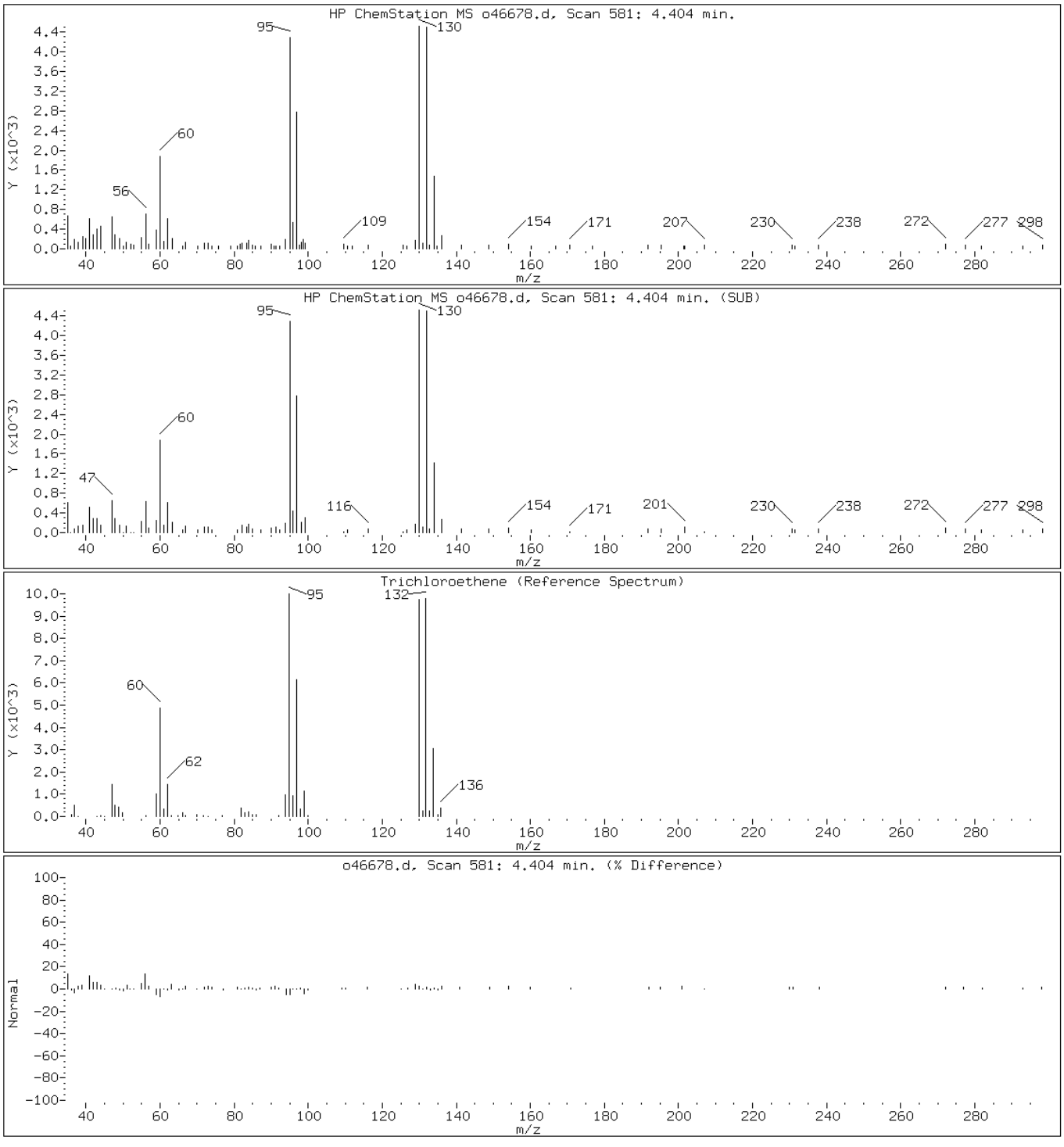
Data File: o46678.d

Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

25 Trichloroethene



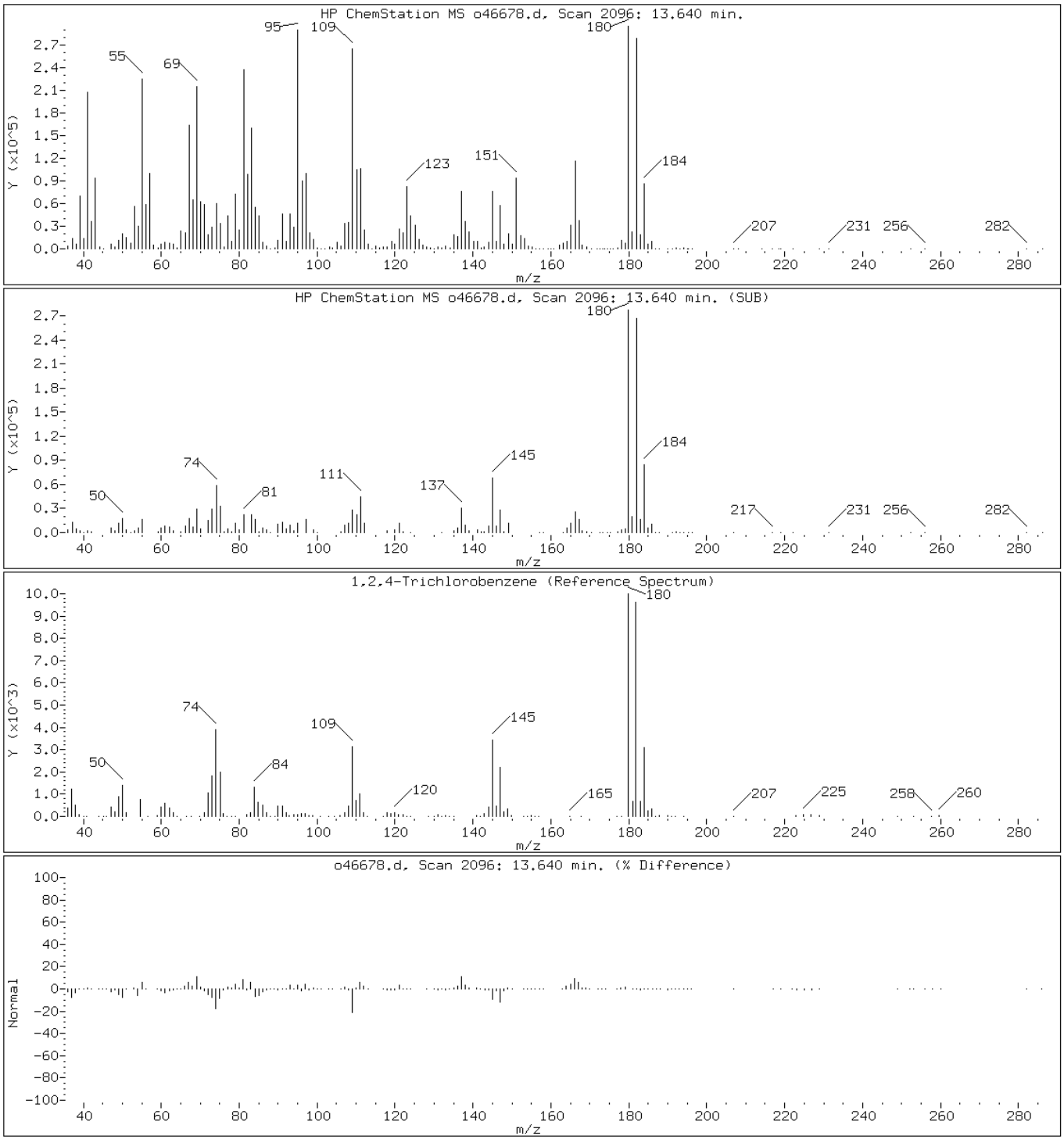
Data File: o46678.d

Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



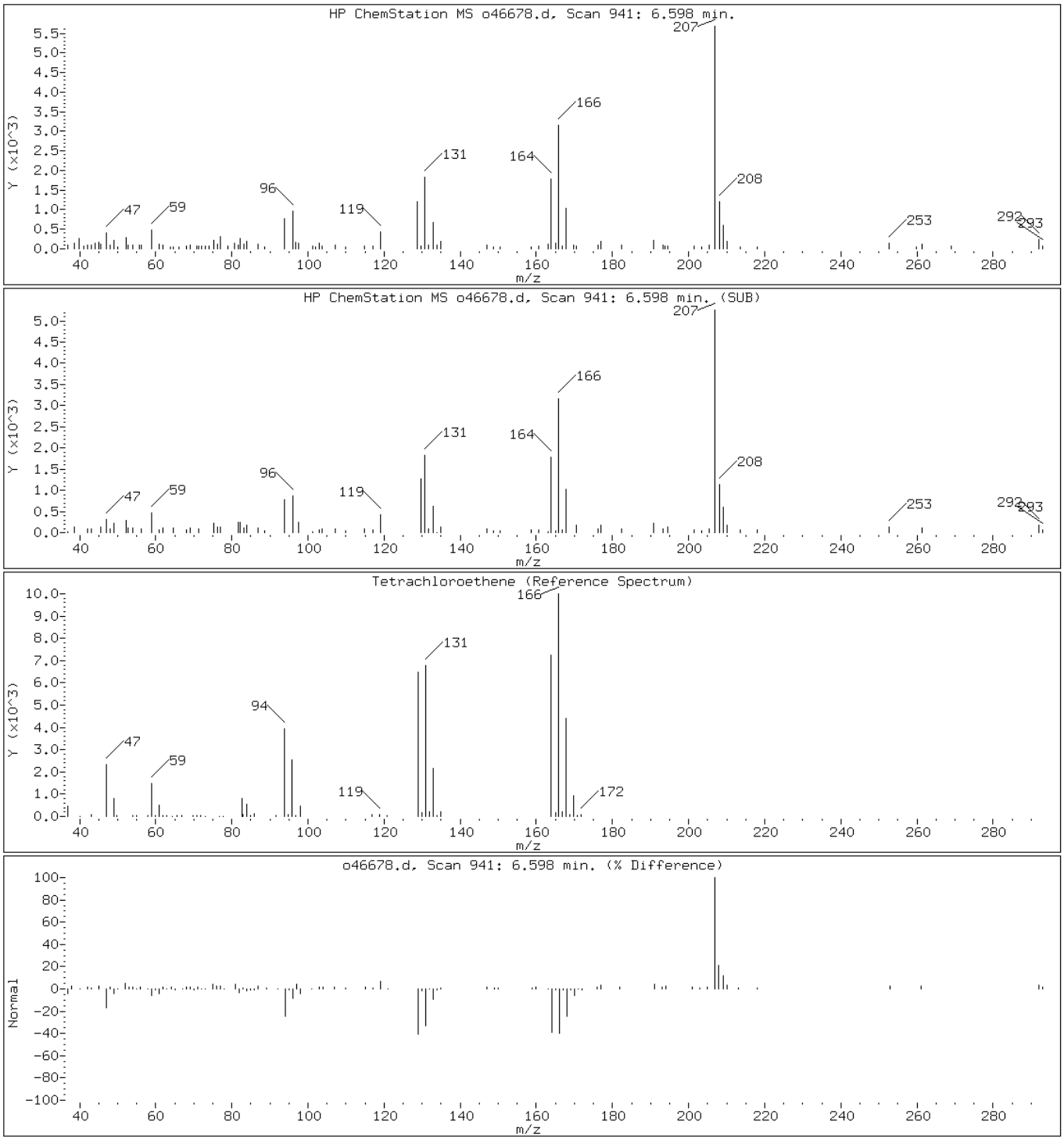
Data File: o46678.d

Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

35 Tetrachloroethene



Data File: o46678.d

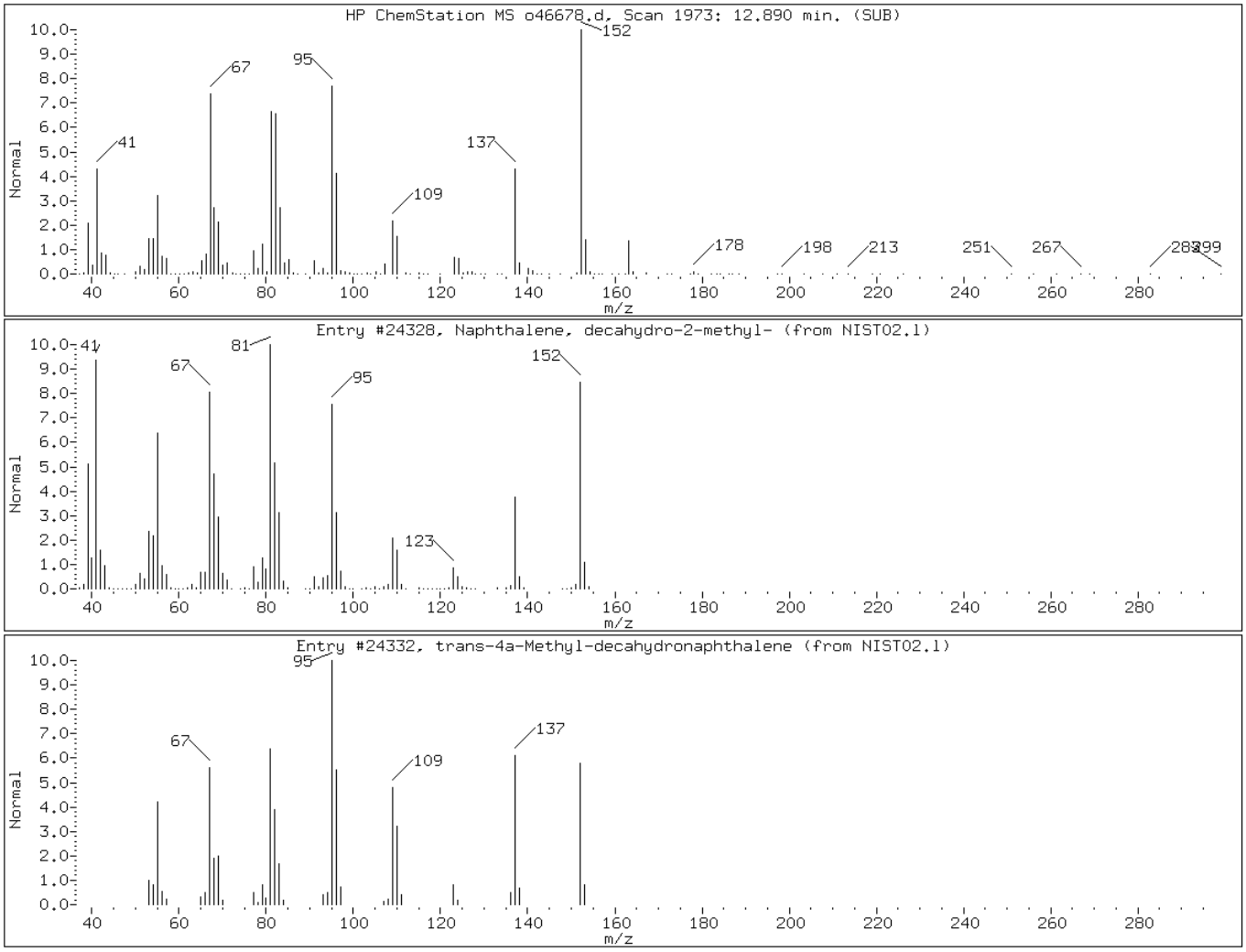
Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

Retention Time: 12.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	76	C11H20	152
trans-4a-Methyl-decahydronaphthale	2547-27-5	NIST02.l	24332	76	C11H20	152



Data File: o46678.d

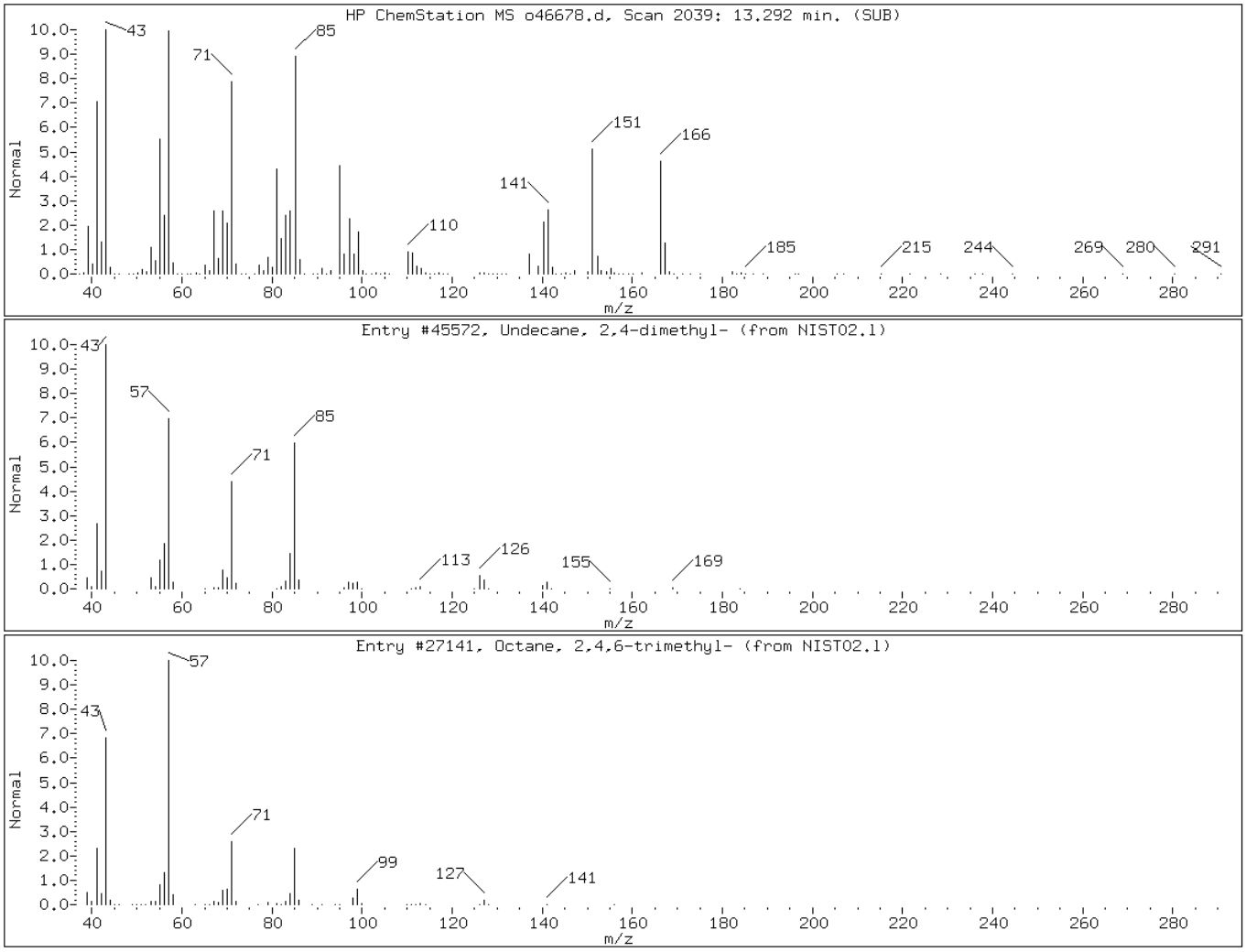
Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

Retention Time: 13.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown						
Undecane, 2,4-dimethyl-	17312-80-0	NIST02.l	45572	43	C13H28	184
Octane, 2,4,6-trimethyl-	62016-37-9	NIST02.l	27141	38	C11H24	156



Data File: o46678.d

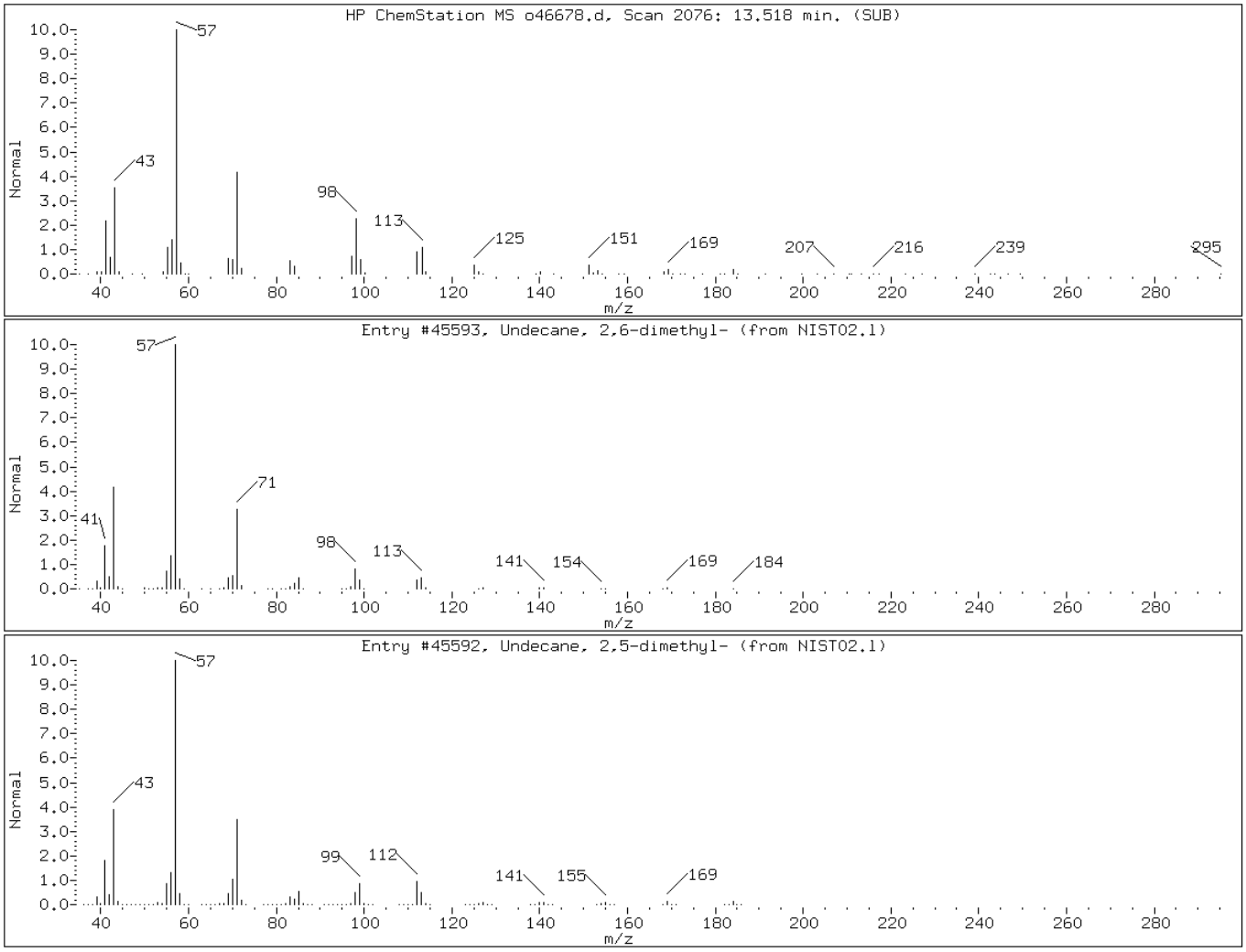
Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

Retention Time: 13.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	81	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	62	C13H28	184



Data File: o46678.d

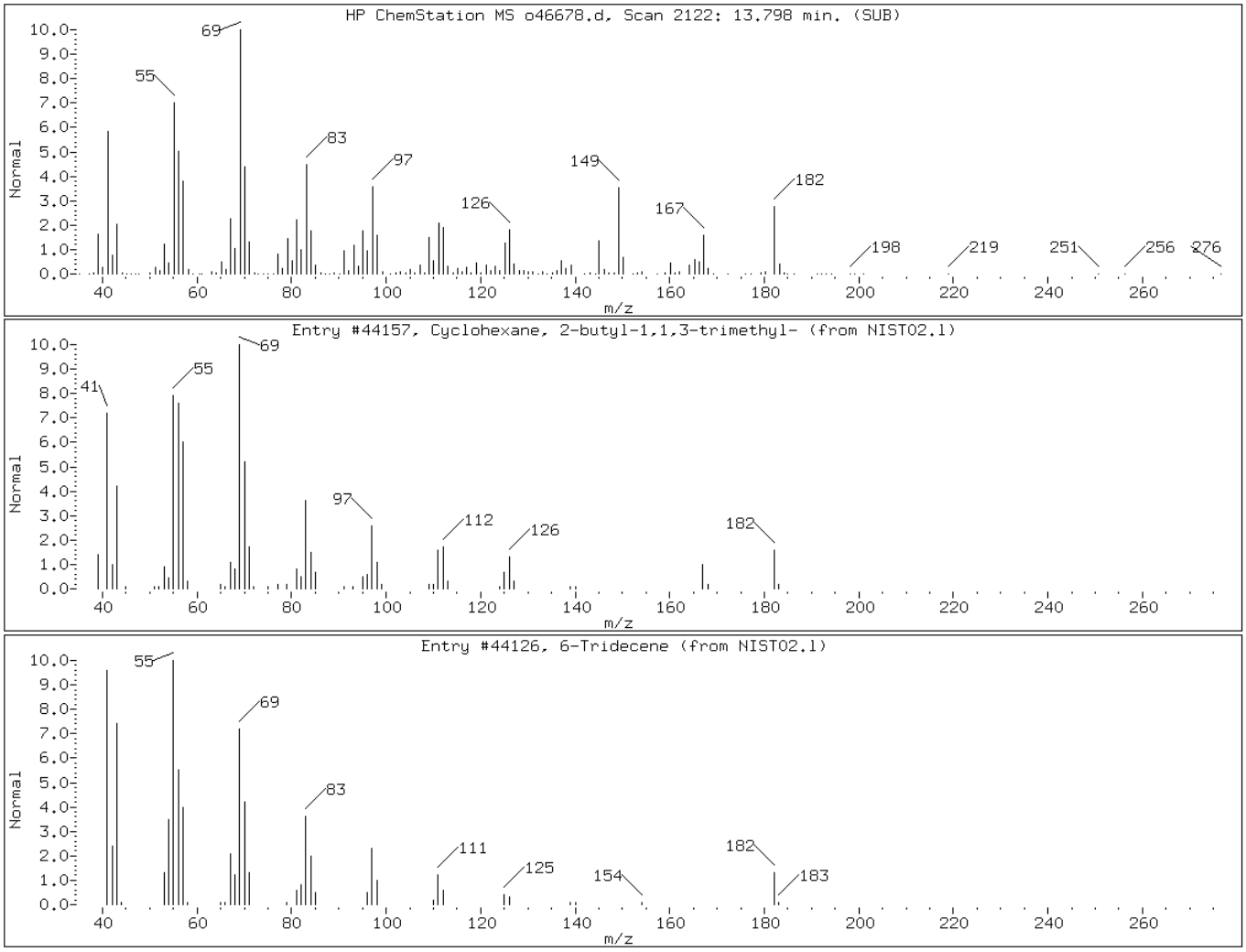
Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

Retention Time: 13.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H26 Cycloalkane						
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44157	93	C13H26	182
6-Tridecene	24949-38-0	NIST02.l	44126	78	C13H26	182



Data File: o46678.d

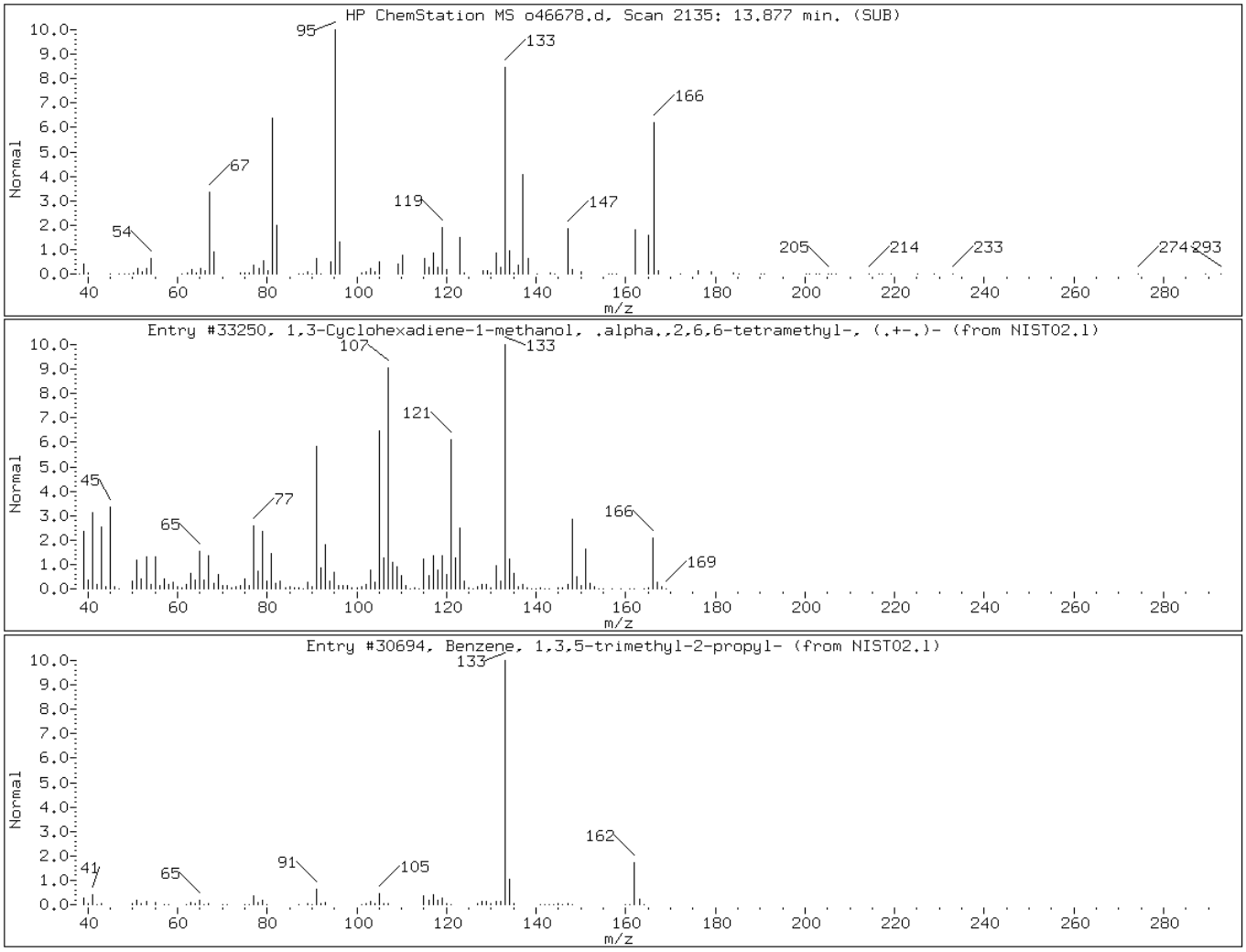
Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

Retention Time: 13.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,3-Cyclohexadiene-1-methanol, .al	102676-97-1	NIST02.l	33250	35	C11H18O	166
Benzene, 1,3,5-trimethyl-2-propyl-	4810-04-2	NIST02.l	30694	30	C12H18	162



Data File: o46678.d

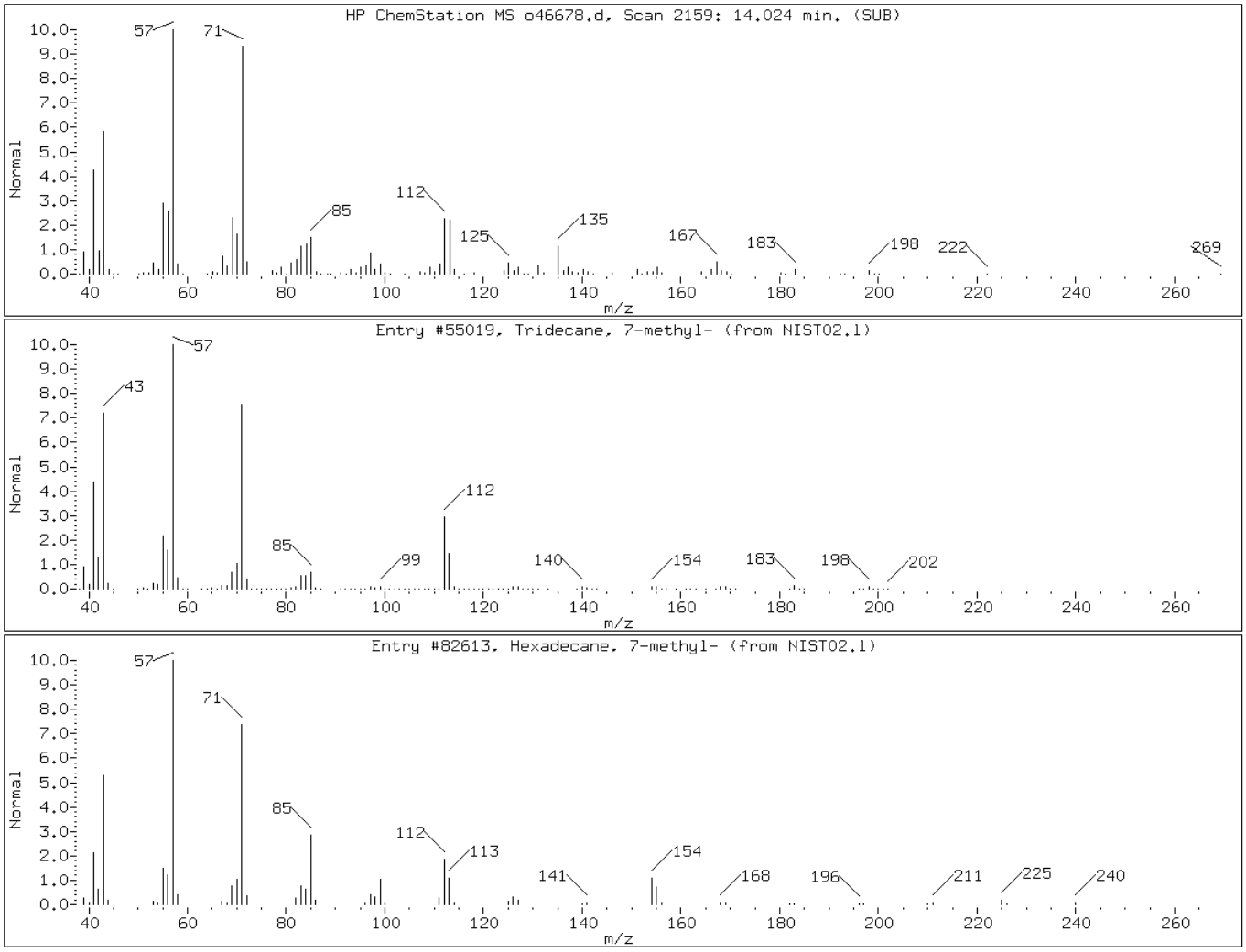
Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

Retention Time: 14.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	70	C14H30	198
Hexadecane, 7-methyl-	26730-20-1	NIST02.l	82613	59	C17H36	240



Data File: o46678.d

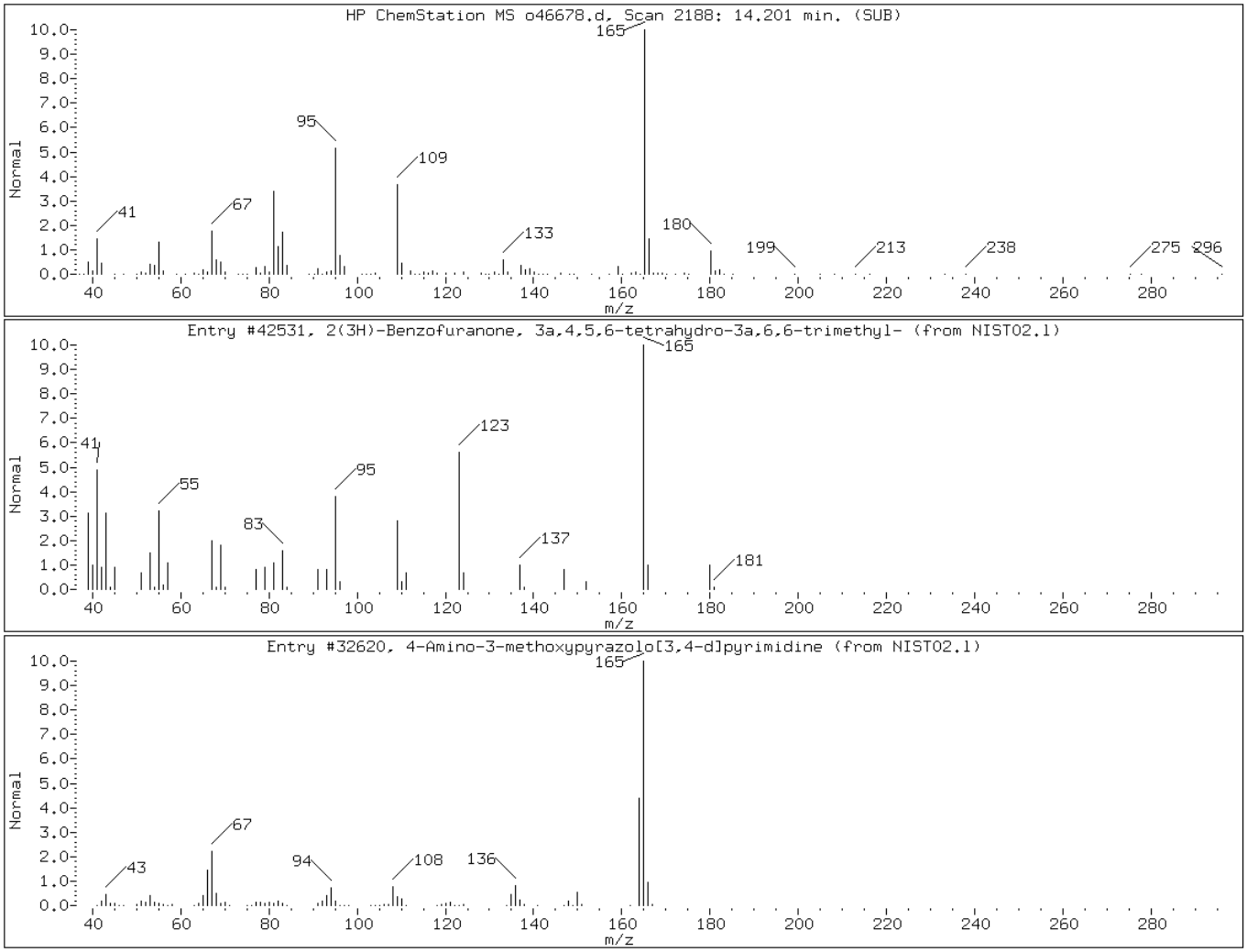
Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

Retention Time: 14.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
2(3H)-Benzofuranone, 3a,4,5,6-tetr	16778-26-0	NIST02.l	42531	59	C11H16O2	180
4-Amino-3-methoxypyrazolo[3,4-d]py	111375-22-5	NIST02.l	32620	43	C6H7N5O	165



Data File: o46678.d

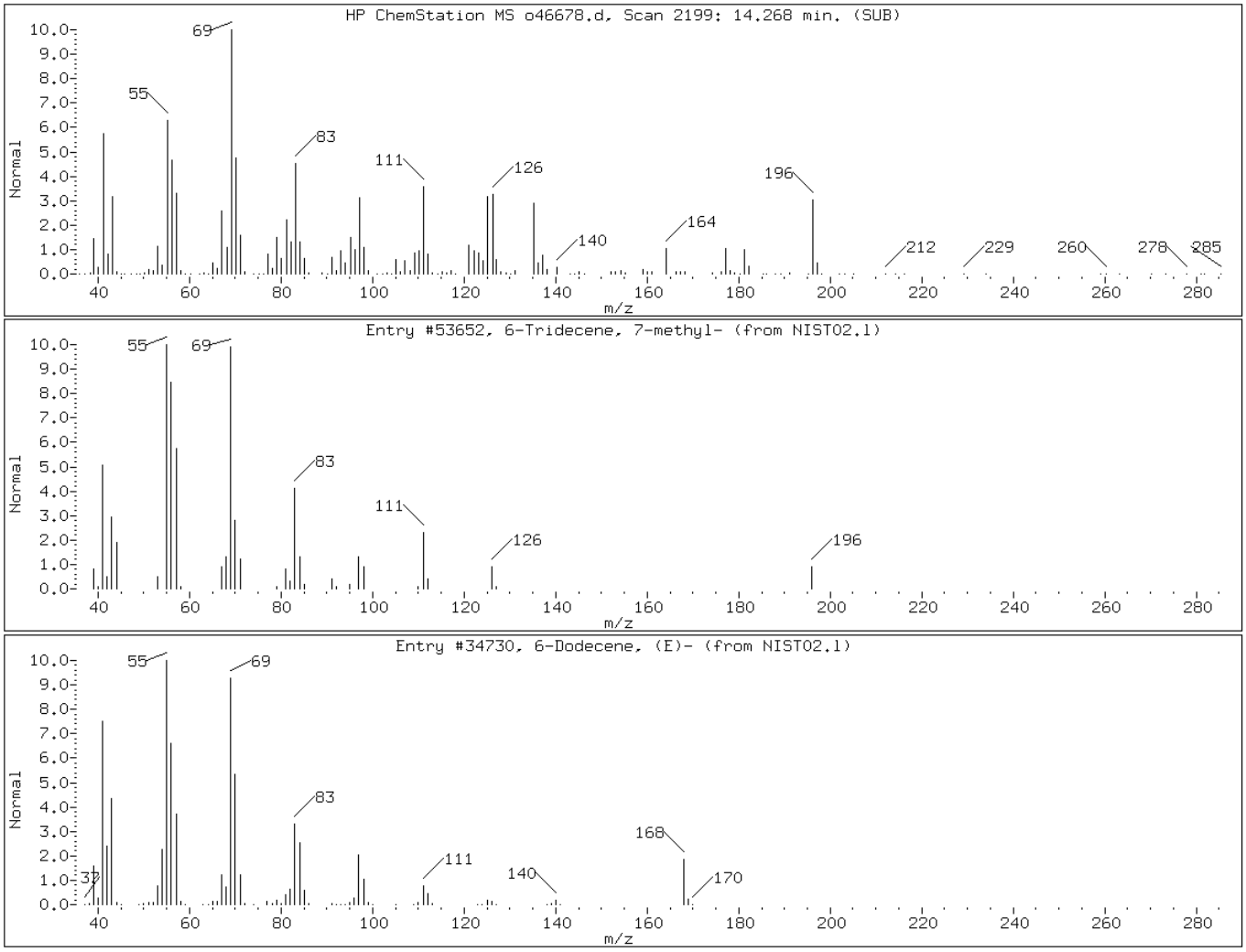
Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

Retention Time: 14.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
6-Tridecene, 7-methyl-	24949-42-6	NIST02.l	53652	89	C14H28	196
6-Dodecene, (E)-	7206-17-9	NIST02.l	34730	70	C12H24	168



Data File: o46678.d

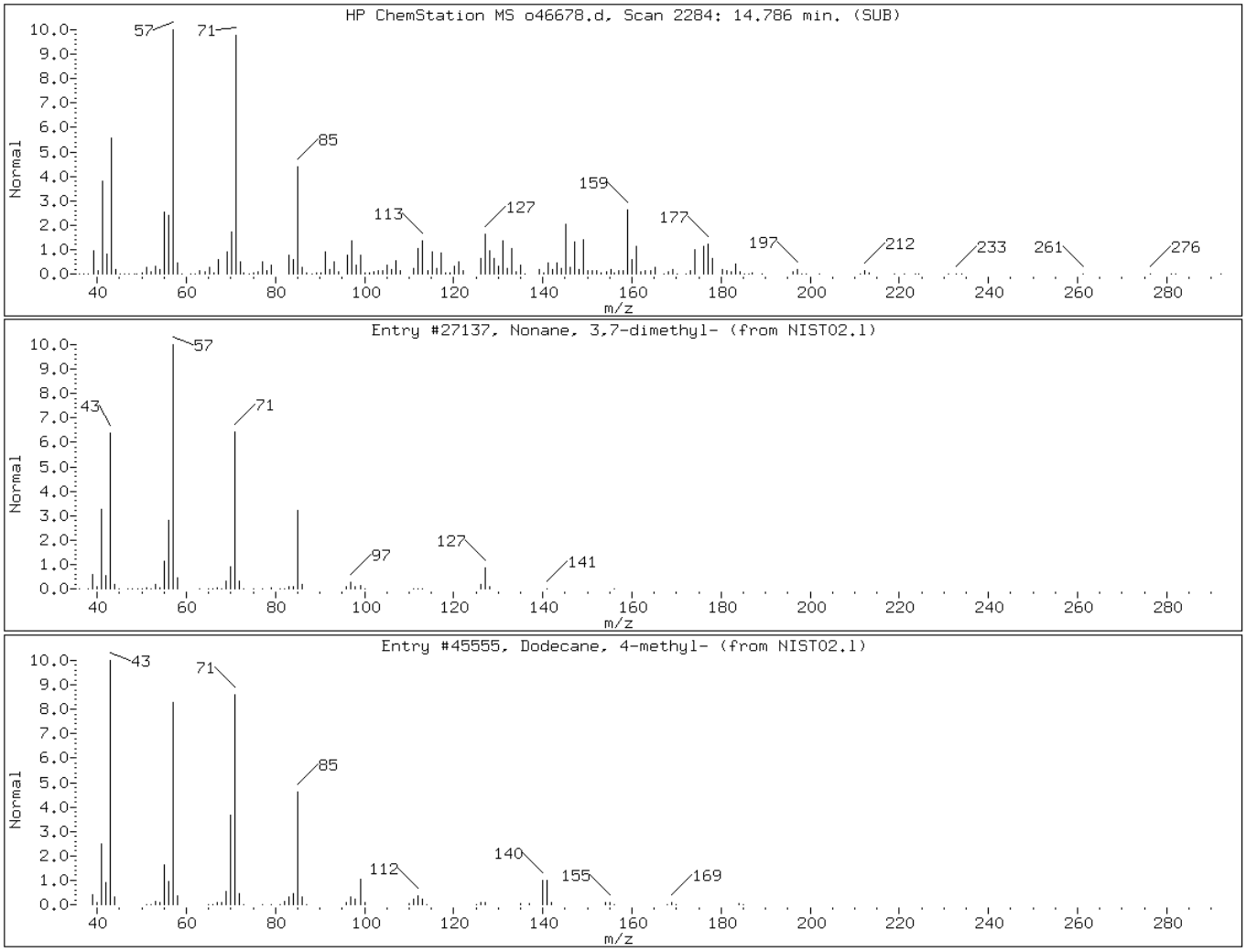
Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

Retention Time: 14.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	49	C11H24	156
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	49	C13H28	184



Data File: o46678.d

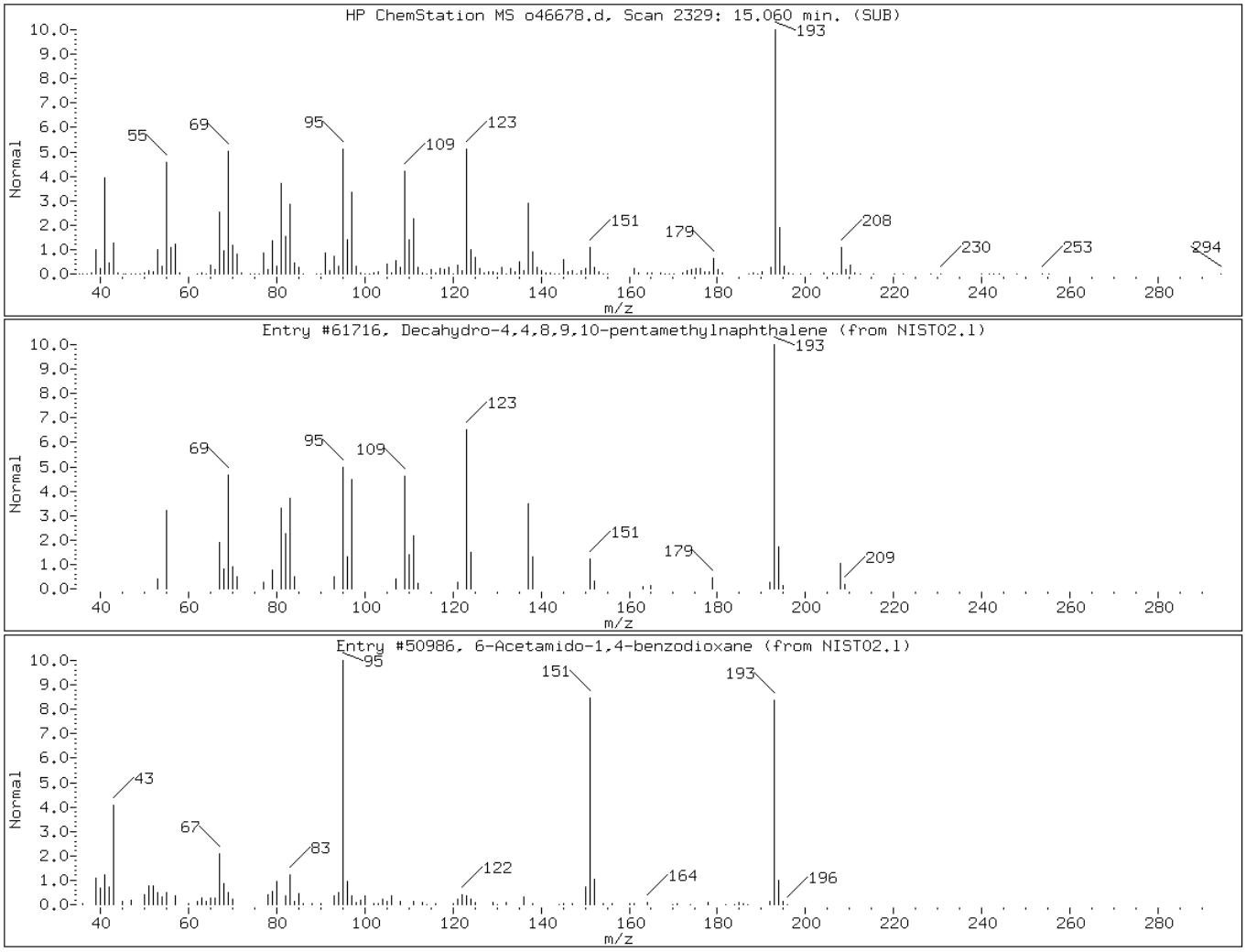
Date: 28-MAR-2011 08:45

Client ID: PMP-28-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-22-A;;;6.30;5 Operator: VOAMS 9

Retention Time: 15.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	97	C15H28	208
6-Acetamido-1,4-benzodioxane	63546-19-0	NIST02.l	50986	38	C10H11NO3	193



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-WT-E (8-8.5) | Lab Sample ID: 460-24277-23

Matrix: Solid | Lab File ID: j98637.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:00

Sample wt/vol: 5.56(g) | Date Analyzed: 03/24/2011 20:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.7 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	53	U	53	11
74-83-9	Bromomethane	53	U	53	17
75-01-4	Vinyl chloride	53	U	53	6.3
75-00-3	Chloroethane	53	U	53	23
75-09-2	Methylene Chloride	53	U	53	10
67-64-1	Acetone	530	U	530	130
75-15-0	Carbon disulfide	53	U	53	7.7
75-69-4	Trichlorofluoromethane	53	U	53	8.3
75-35-4	1,1-Dichloroethene	53	U	53	7.4
75-34-3	1,1-Dichloroethane	53	U	53	5.3
156-60-5	trans-1,2-Dichloroethene	53	U	53	7.3
156-59-2	cis-1,2-Dichloroethene	53	U	53	10
67-66-3	Chloroform	53	U	53	8.2
78-93-3	2-Butanone	530	U	530	43
107-06-2	1,2-Dichloroethane	53	U	53	13
71-55-6	1,1,1-Trichloroethane	53	U	53	13
56-23-5	Carbon tetrachloride	53	U	53	9.5
71-43-2	Benzene	53	U	53	6.3
75-25-2	Bromoform	53	U	53	5.2
100-42-5	Styrene	53	U	53	7.3
100-41-4	Ethylbenzene	53	U	53	13
108-90-7	Chlorobenzene	53	U	53	8.7
110-82-7	Cyclohexane	53	U	53	6.5
98-82-8	Isopropylbenzene	53	U	53	11
591-78-6	2-Hexanone	530	U	530	29
1634-04-4	MTBE	53	U	53	9.8
76-13-1	Freon TF	53	U	53	15
79-20-9	Methyl acetate	110	U	110	17
123-91-1	1,4-Dioxane	2600	U	2600	450
79-01-6	Trichloroethene	30	J	53	9.4
108-88-3	Toluene	53	U	53	5.0
10061-02-6	trans-1,3-Dichloropropene	53	U	53	6.4
108-10-1	4-Methyl-2-pentanone	530	U	530	36
10061-01-5	cis-1,3-Dichloropropene	53	U	53	5.4
95-50-1	1,2-Dichlorobenzene	53	U	53	8.6
541-73-1	1,3-Dichlorobenzene	53	U	53	12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-WT-E (8-8.5) | Lab Sample ID: 460-24277-23

Matrix: Solid | Lab File ID: j98637.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:00

Sample wt/vol: 5.56(g) | Date Analyzed: 03/24/2011 20:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.7 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	53	U	53	7.9
120-82-1	1,2,4-Trichlorobenzene	1200		53	23
87-61-6	1,2,3-Trichlorobenzene	53	U	53	44
78-87-5	1,2-Dichloropropane	53	U	53	4.6
108-87-2	Methylcyclohexane	53	U	53	4.2
127-18-4	Tetrachloroethene	18	J	53	10
1330-20-7	Xylenes, Total	160	U	160	23
96-12-8	1,2-Dibromo-3-Chloropropane	53	U	53	8.1
79-34-5	1,1,2,2-Tetrachloroethane	53	U	53	4.5
79-00-5	1,1,2-Trichloroethane	53	U	53	5.1
124-48-1	Dibromochloromethane	53	U	53	5.3
106-93-4	1,2-Dibromoethane	53	U	53	4.8
75-71-8	Dichlorodifluoromethane	53	U	53	15
74-97-5	Bromochloromethane	53	U	53	9.1
75-27-4	Bromodichloromethane	53	U	53	4.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		57-135
2037-26-5	Toluene-d8 (Surr)	86		46-130
460-00-4	Bromofluorobenzene	110		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-WT-E (8-8.5) Lab Sample ID: 460-24277-23

Matrix: Solid Lab File ID: j98637.d

Analysis Method: 8260B Date Collected: 03/18/2011 12:00

Sample wt/vol: 5.56(g) Date Analyzed: 03/24/2011 20:50

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.7 Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 61800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkene	12.71	2700	J
	Unknown	12.93	3900	J
	Unknown-1	13.57	3200	J
	Unknown Cycloalkane	13.94	3000	J
	Decahydronaphthalene isomer	14.20	10000	J
	Unknown Aromatic	14.80	9900	J
	Decahydromethylnaphthalene isomer	14.98	9200	J
	Decahydromethylnaphthalene isomer-1	15.26	12000	J
	Unknown Aromatic-2	15.89	3500	J
	Tetrahydromethylnaphthalene isomer	17.11	4400	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98637.d
Report Date: 25-Mar-2011 14:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98637.d
Lab Smp Id: 460-24277-B-23-A Client Smp ID: PMP-28-WT-E (8-8.5)
Inj Date : 24-MAR-2011 20:50
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-23-A;50;;5.56;5
Misc Info : 460-24277-B-23-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 22
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.56000	Weight of sample extracted (g)
M	14.70180	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.487	7.474	(0.949)	402959	47.5969	2500
* 52 Fluorobenzene	96	7.889	7.883	(1.000)	1335334	50.0000	
54 Trichloroethene	95	8.327	8.332	(1.056)	6490	0.56136	30(a)
$ 65 Toluene-d8 (SUR)	98	9.751	9.748	(0.859)	1001182	42.7871	2200
71 Tetrachloroethene	166	10.436	10.441	(0.920)	3995	0.33861	18(aH)
* 78 Chlorobenzene-d5	117	11.346	11.346	(1.000)	1000731	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	12.542	12.550	(0.910)	573989	54.8944	2900
101 1,2,4-Trimethylbenzene	105	13.348	13.359	(0.968)	15342	0.63133	33(a)
* 108 1,4-Dichlorobenzene-d4	152	13.785	13.789	(1.000)	551048	50.0000	
114 1,2,4-Trichlorobenzene	180	16.407	16.417	(1.190)	243161	23.2789	1200

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98637.d
Report Date: 25-Mar-2011 14:42

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98637.d
Report Date: 25-Mar-2011 14:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98637.d
Lab Smp Id: 460-24277-B-23-A Client Smp ID: PMP-28-WT-E (8-8.5)
Inj Date : 24-MAR-2011 20:50
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-23-A;50;;5.56;5
Misc Info : 460-24277-B-23-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 22
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.56000	Weight of sample extracted (g)
M	14.70180	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.346	3360209	50.000
* 108 1,4-Dichlorobenzene-d4	13.785	3553104	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H22 Alkane					CAS #:		
12.187	3357180	49.9549252	2600	0		0	78
Unknown Alkene					CAS #:		
12.708	3573416	50.2858286	2600	0		0	108

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98637.d
Report Date: 25-Mar-2011 14:42

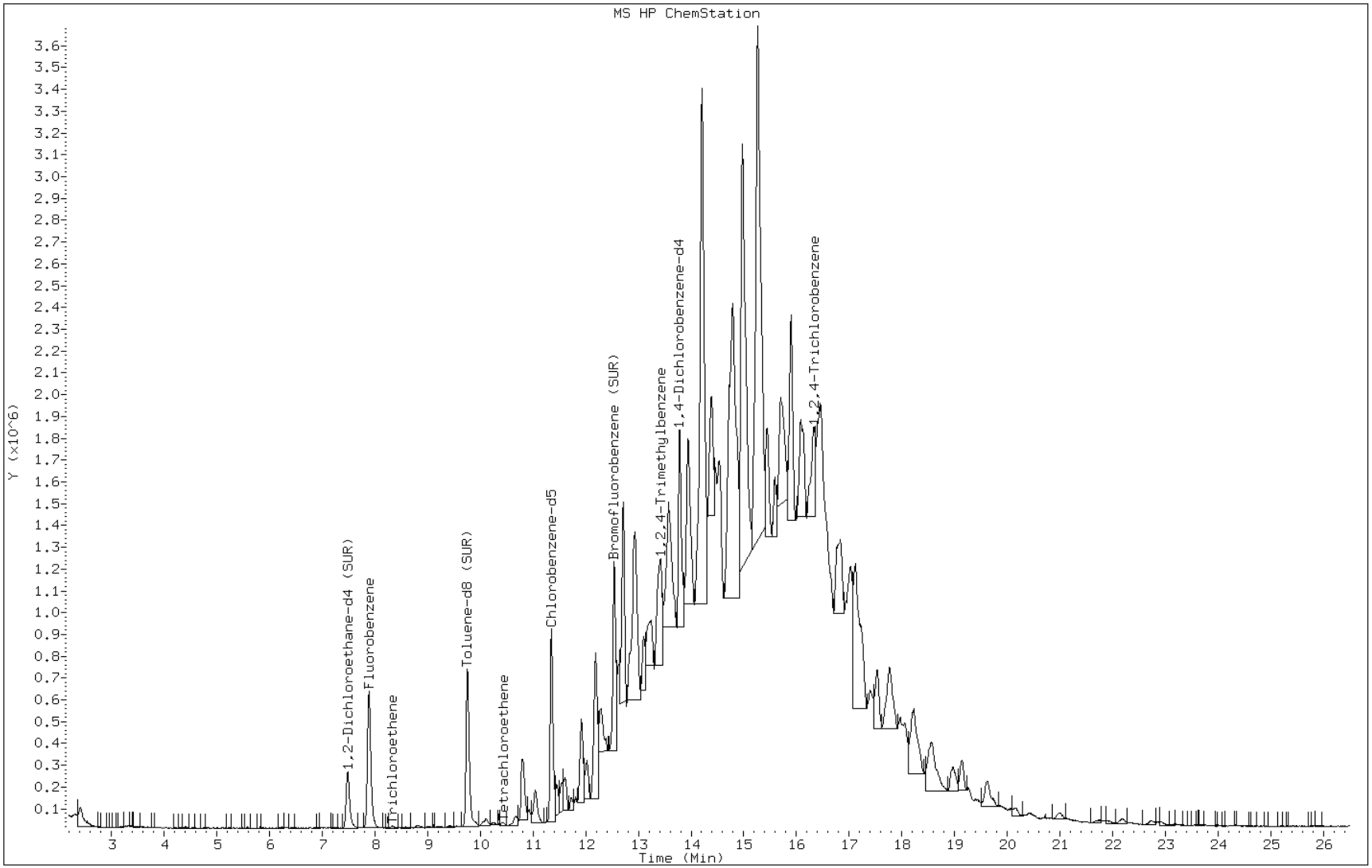
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
12.926	5258469	73.9982303	3900	0		0	108
Unknown-1					CAS #:		
13.572	4271652	60.1115448	3200	0		0	108
Unknown Cycloalkane					CAS #:		
13.937	4005067	56.3601096	3000	0		0	108
Decahydronaphthalene isomer					CAS #:		
14.204	13852428	194.934158	10000	0		0	108
Unknown Cycloalkane-1					CAS #:		
14.388	2731338	38.4359378	2000	0		0	108
Unknown Aromatic					CAS #:		
14.797	13280413	186.884654	9800	0		0	108
Decahydromethylnaphthalene isomer					CAS #:		
14.978	12352321	173.824354	9200	0		0	108
Decahydromethylnaphthalene isomer-1					CAS #:		
15.258	16415428	231.001211	12000	0		0	108
Unknown Aromatic-1					CAS #:		
15.700	3528273	49.6505744	2600	0		0	108
Unknown Aromatic-2					CAS #:		
15.893	4654779	65.5029918	3400	0		0	108
Unknown-2					CAS #:		
16.083	2756993	38.7969609	2000	0		0	108
Unknown-3					CAS #:		
16.835	2626946	36.9669097	1900	0		0	108
Tetrahydromethylnaphthalene isomer					CAS #:		
17.112	5958125	83.8439315	4400	0		0	108
C12H16 Aromatic					CAS #:		
18.224	2778272	39.0963974	2100	0		0	108

Data File: j98637.d

Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:



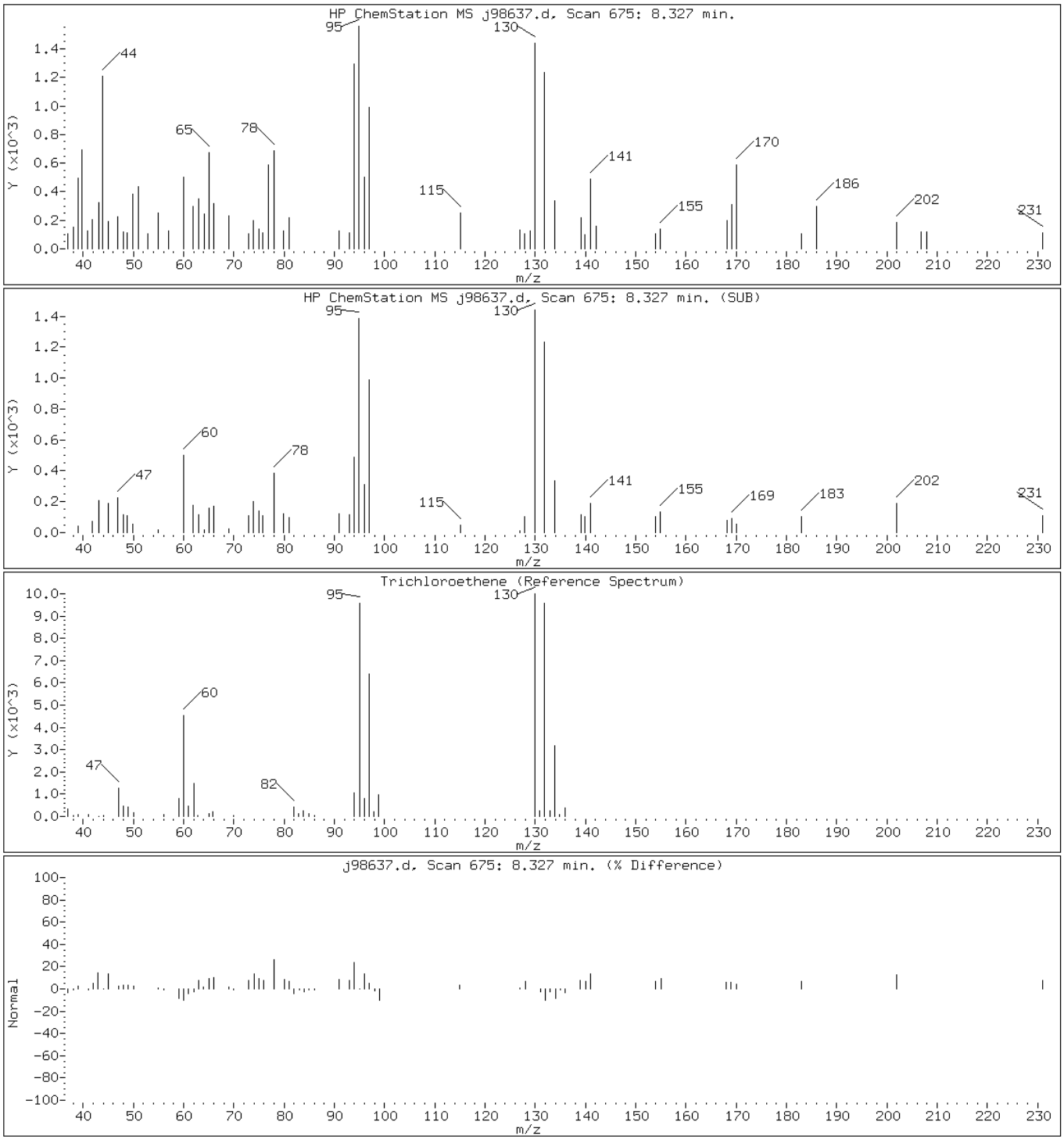
Data File: j98637.d

Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

54 Trichloroethene



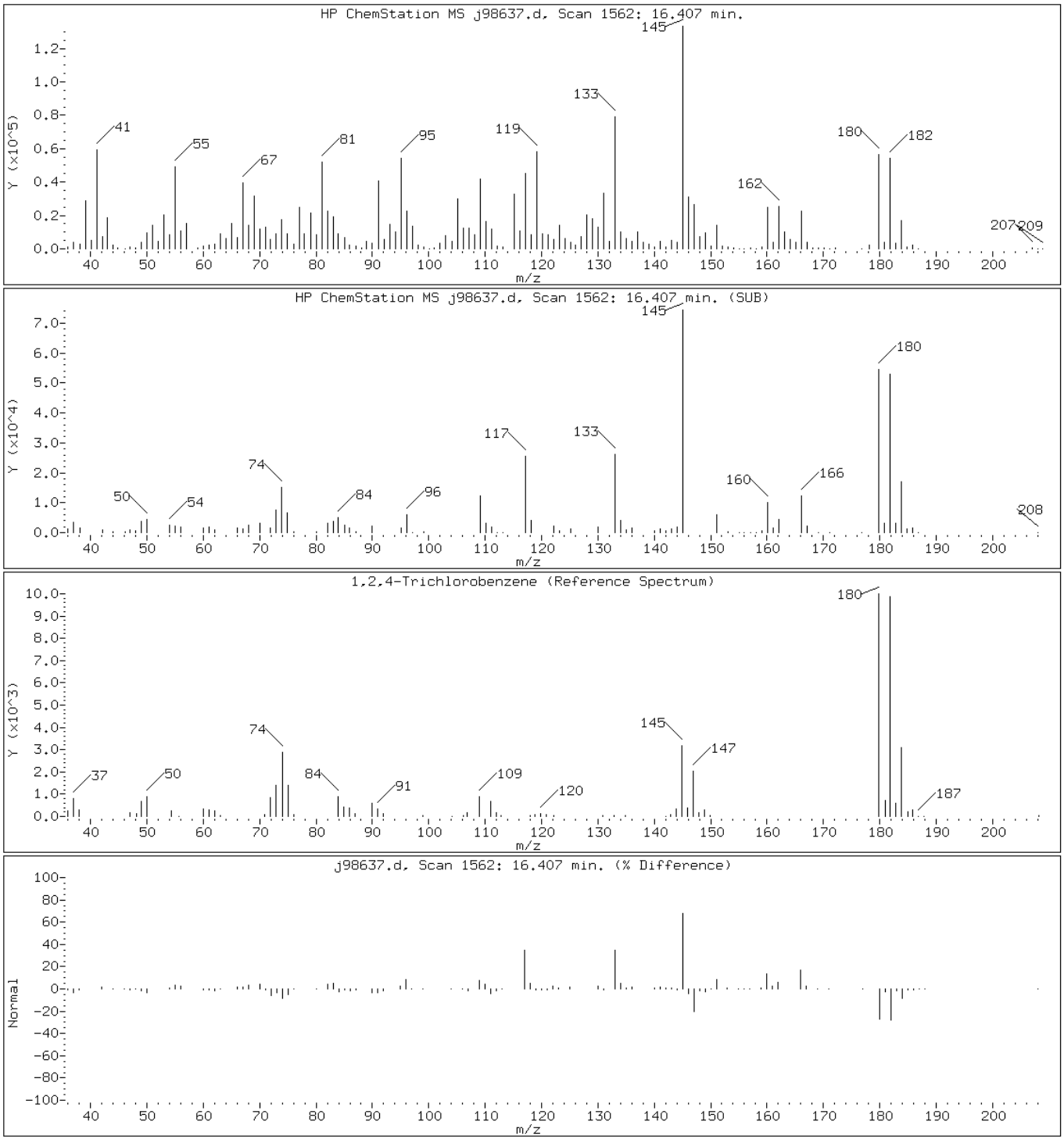
Data File: j98637.d

Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

114 1,2,4-Trichlorobenzene



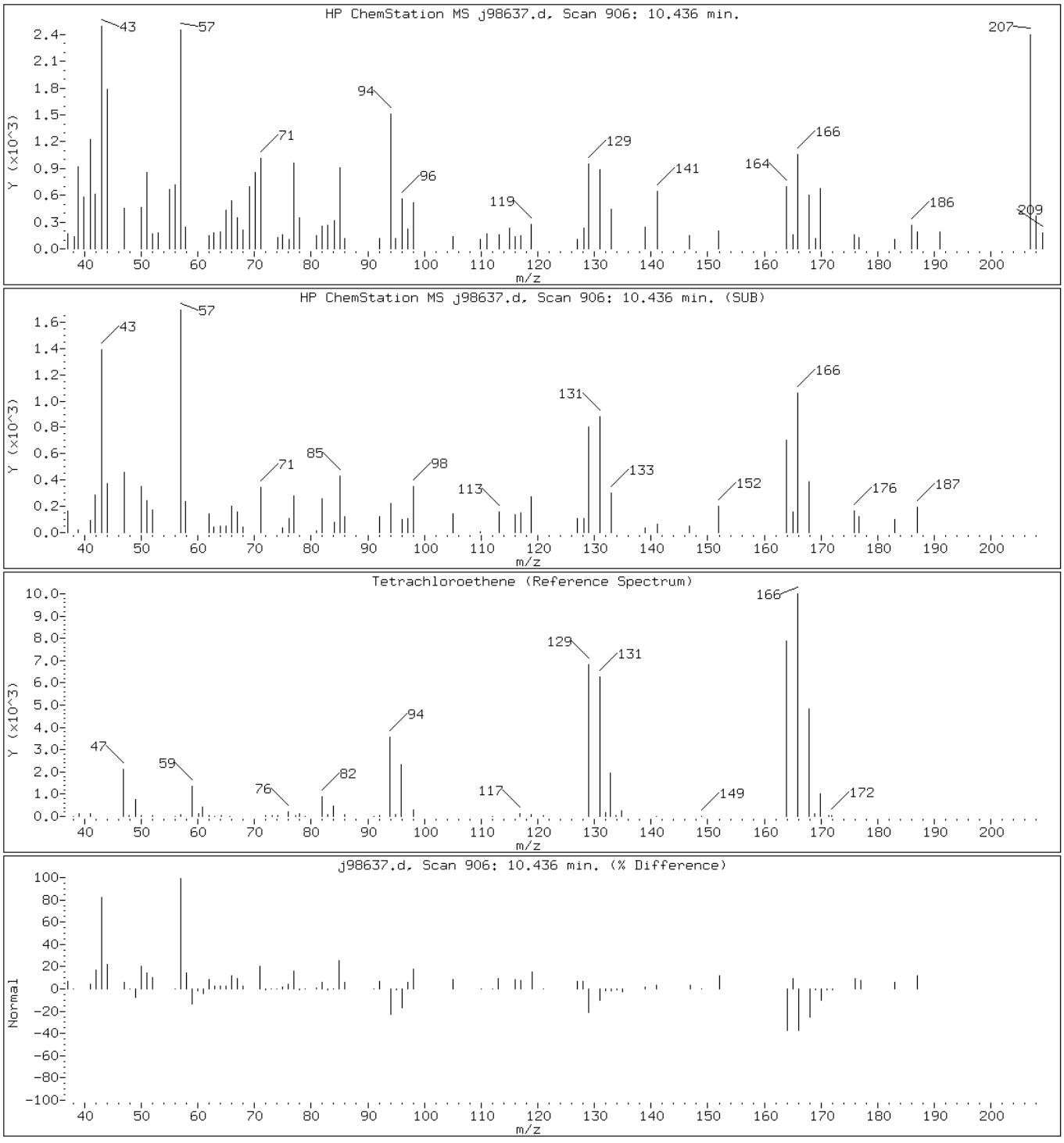
Data File: j98637.d

Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

71 Tetrachloroethene



Data File: j98637.d

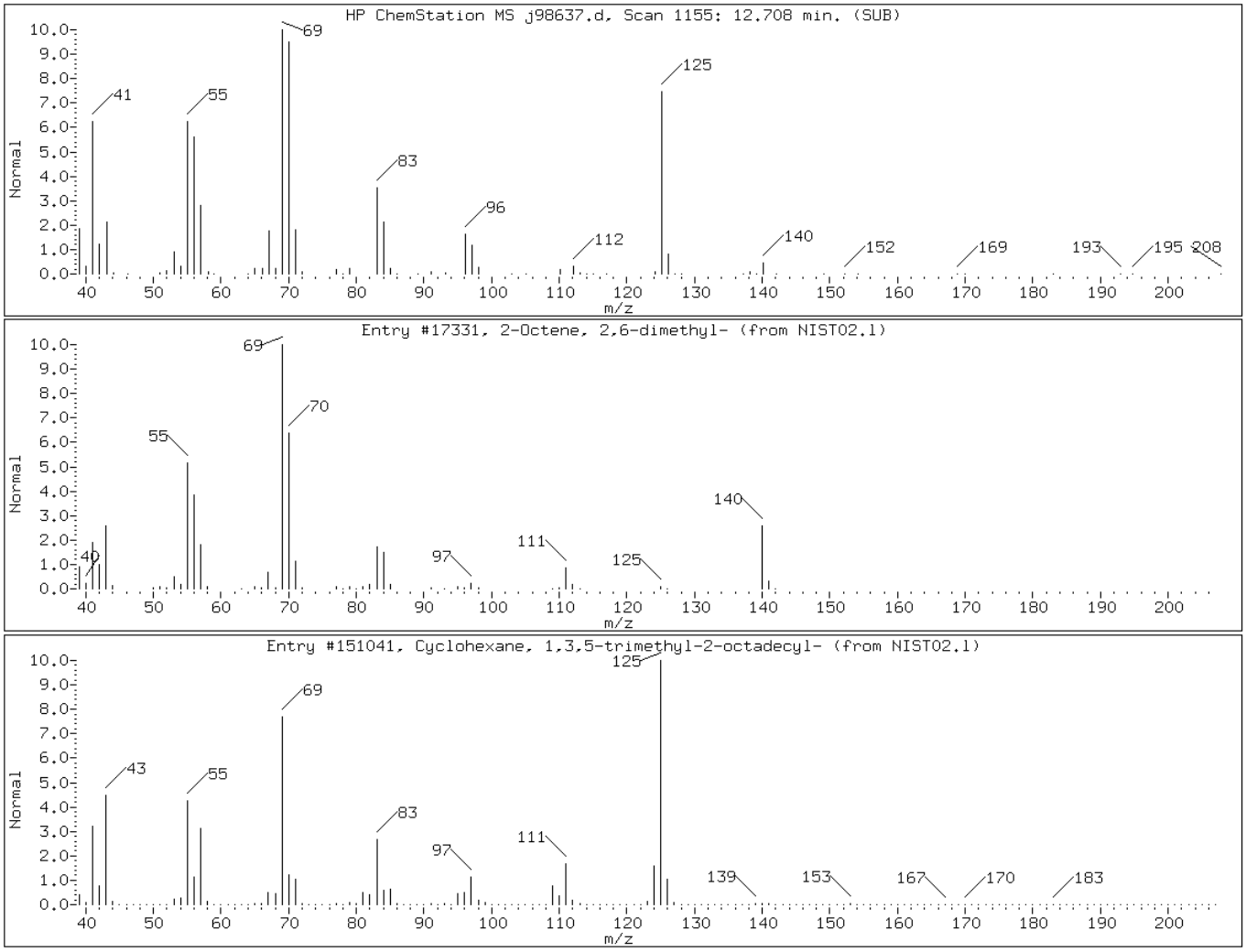
Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

Retention Time: 12.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkene						
2-Octene, 2,6-dimethyl-	4057-42-5	NIST02.l	17331	50	C10H20	140
Cyclohexane, 1,3,5-trimethyl-2-oct	55282-34-3	NIST02.l	151041	50	C27H54	378



Data File: j98637.d

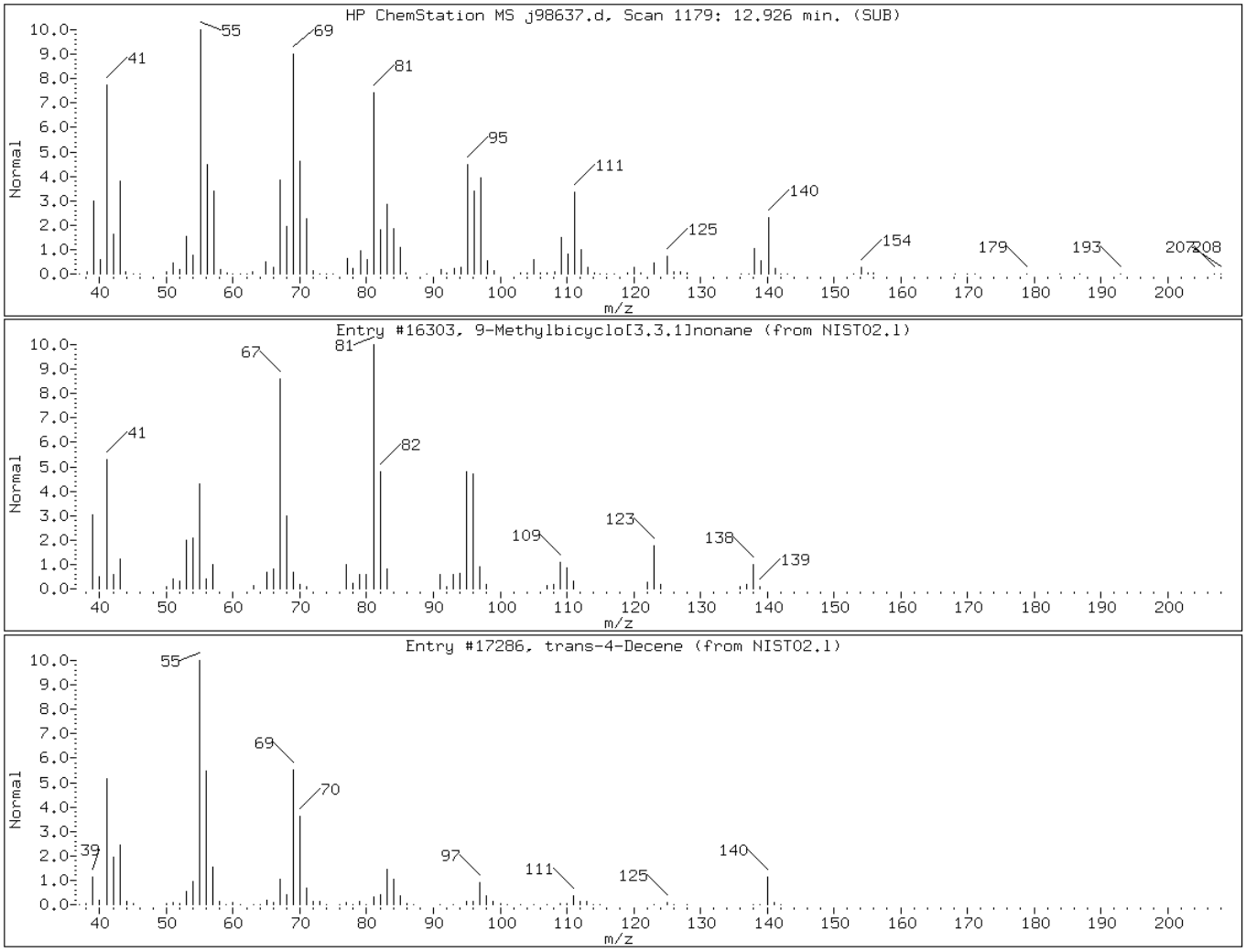
Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

Retention Time: 12.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
9-Methylbicyclo[3.3.1]nonane	25107-01-1	NIST02.l	16303	46	C10H18	138
trans-4-Decene	19398-89-1	NIST02.l	17286	46	C10H20	140



Data File: j98637.d

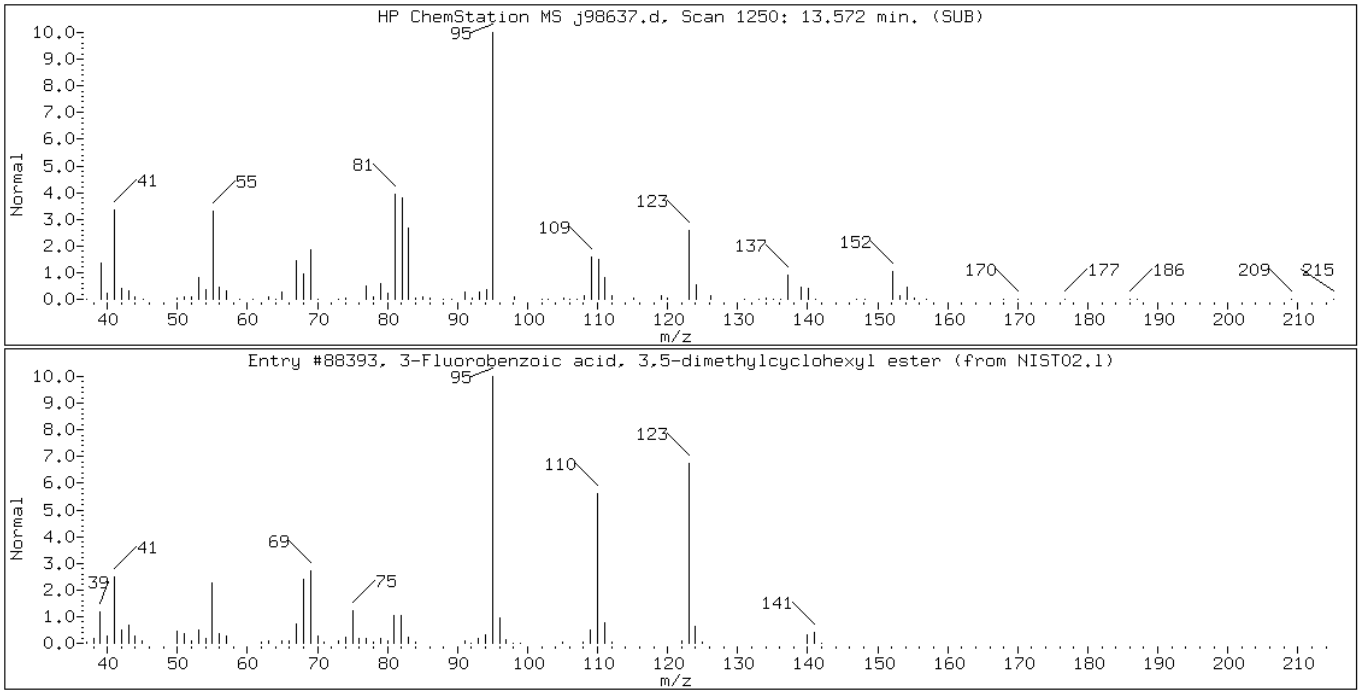
Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

Retention Time: 13.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
3-Fluorobenzoic acid, 3,5-dimethyl	1000279-01-8	NIST02.l	88393	43	C15H19FO2	250



Data File: j98637.d

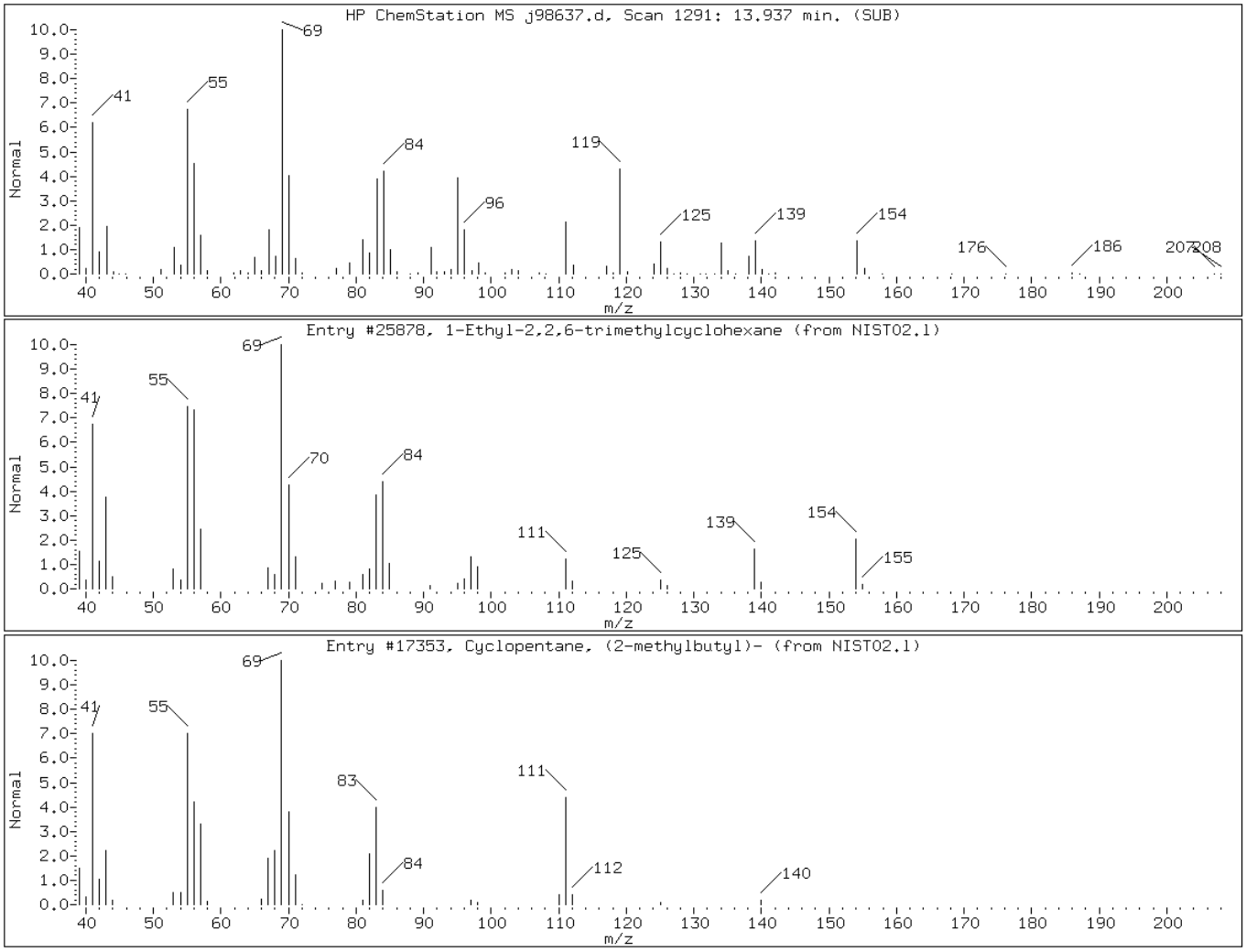
Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

Retention Time: 13.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
1-Ethyl-2,2,6-trimethylcyclohexane	71186-27-1	NIST02.l	25878	68	C11H22	154
Cyclopentane, (2-methylbutyl)-	53366-38-4	NIST02.l	17353	55	C10H20	140



Data File: j98637.d

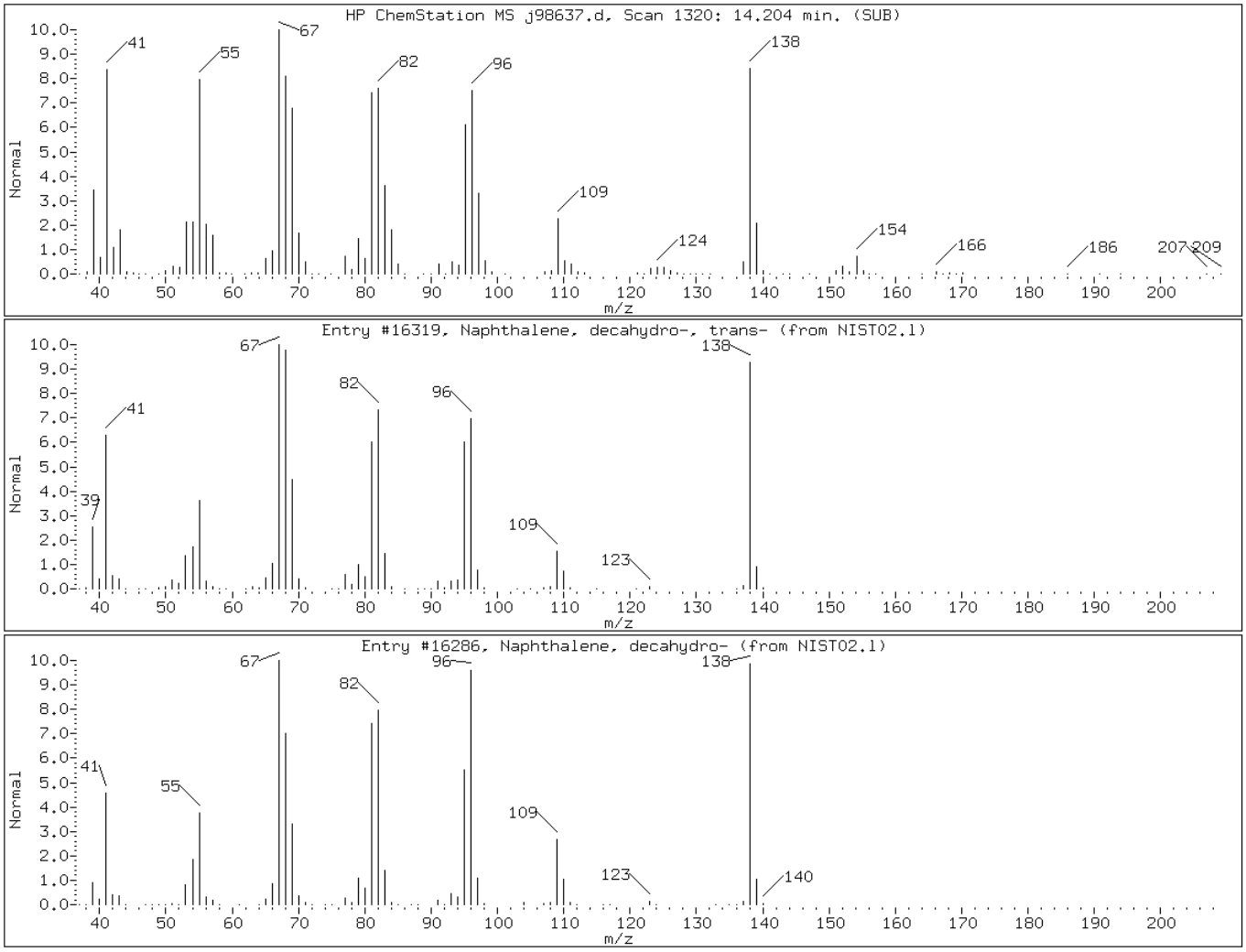
Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

Retention Time: 14.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	94	C10H18	138
Naphthalene, decahydro-	91-17-8	NIST02.l	16286	94	C10H18	138



Data File: j98637.d

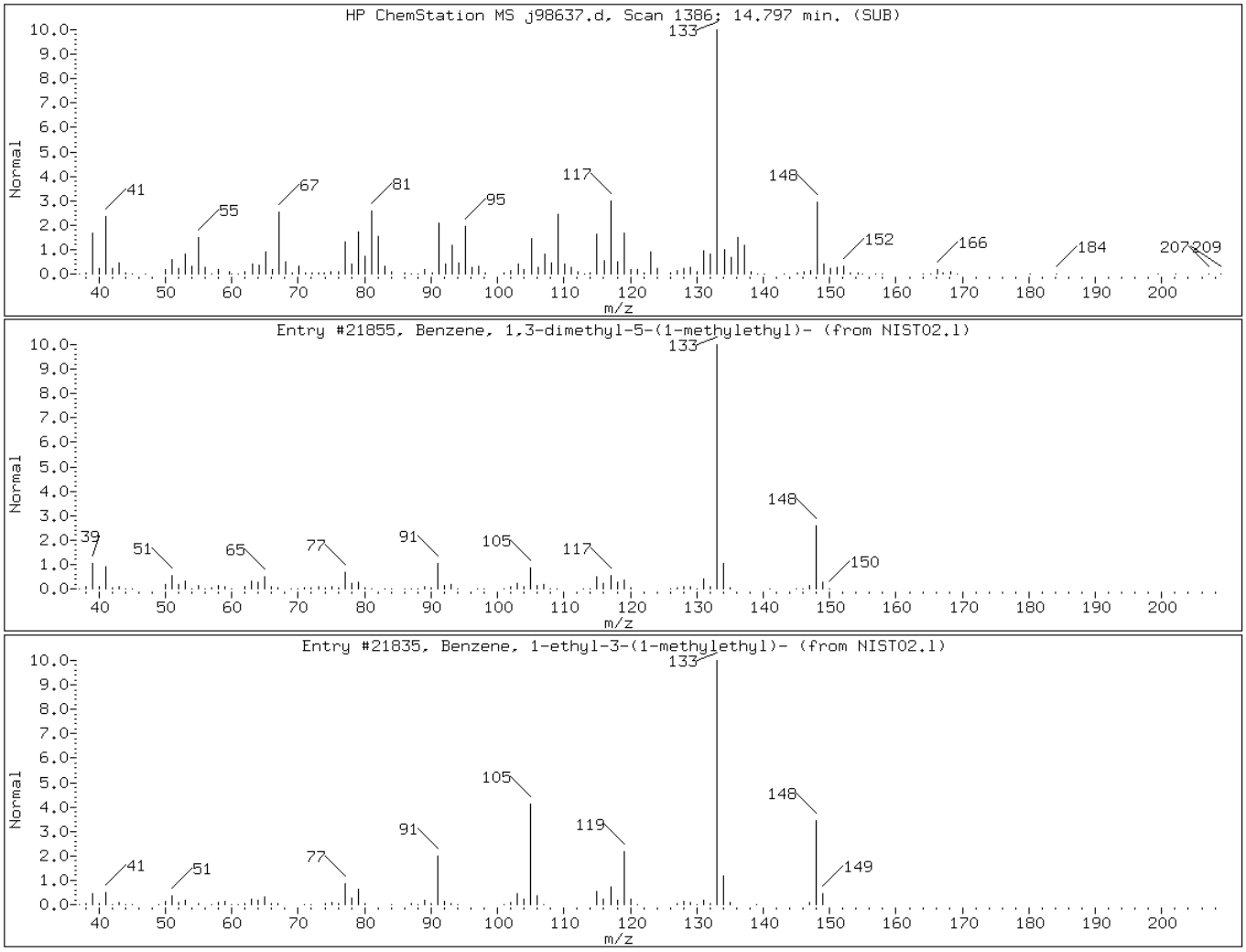
Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

Retention Time: 14.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1,3-dimethyl-5-(1-methyle	4706-90-5	NIST02.l	21855	53	C11H16	148
Benzene, 1-ethyl-3-(1-methylethyl)	4920-99-4	NIST02.l	21835	53	C11H16	148



Data File: j98637.d

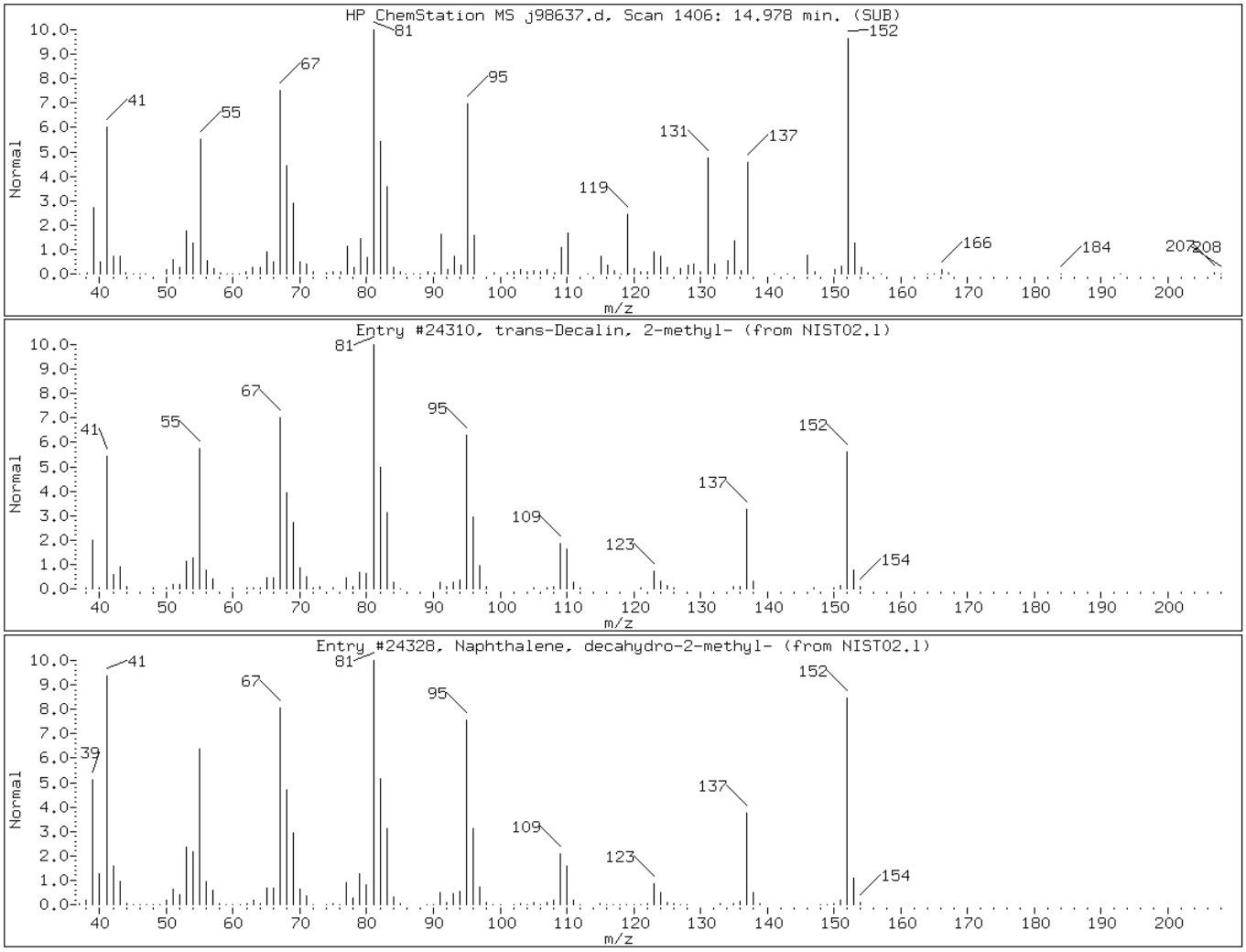
Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

Retention Time: 14.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	91	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	91	C11H20	152



Data File: j98637.d

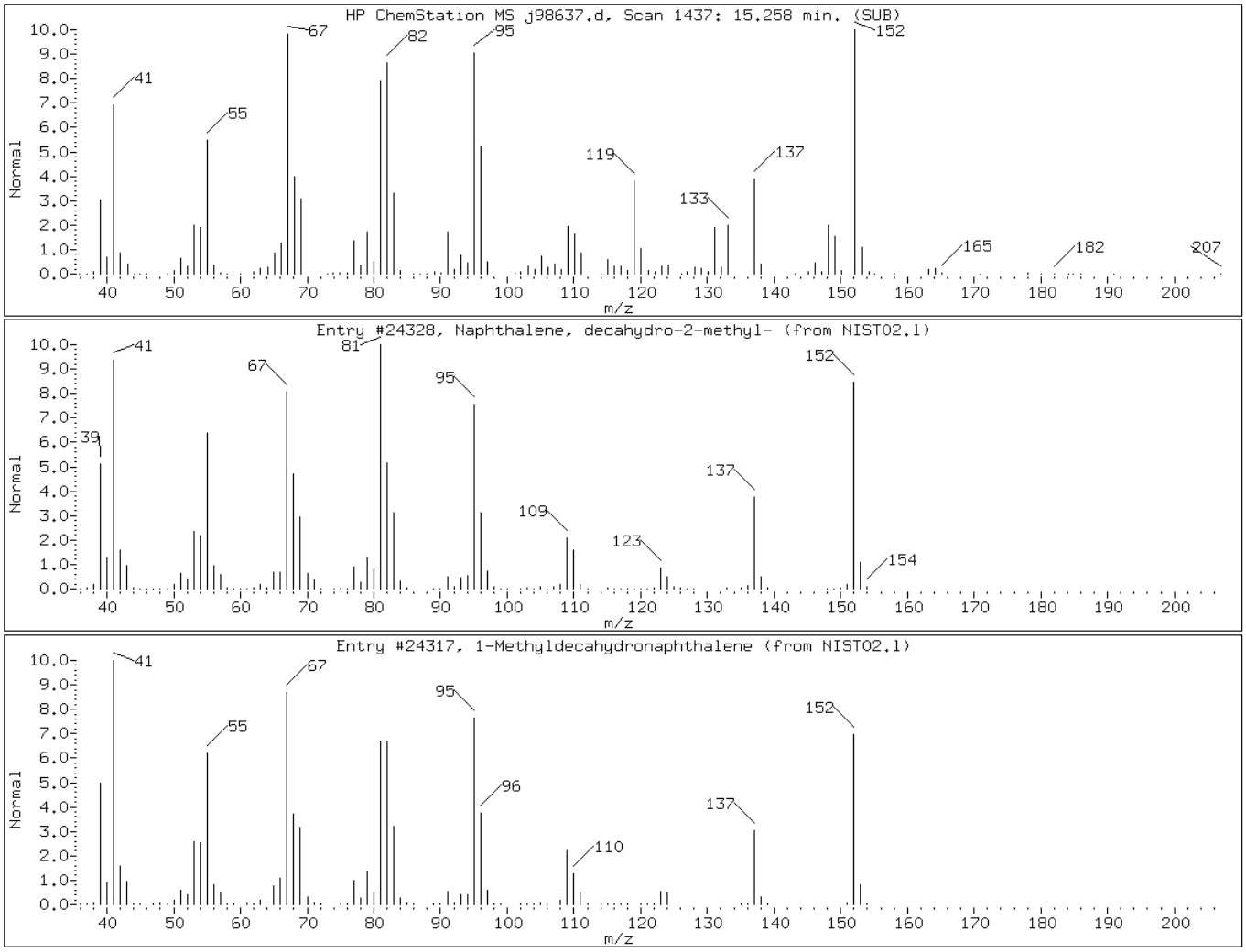
Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

Retention Time: 15.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	91	C11H20	152
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	62	C11H20	152



Data File: j98637.d

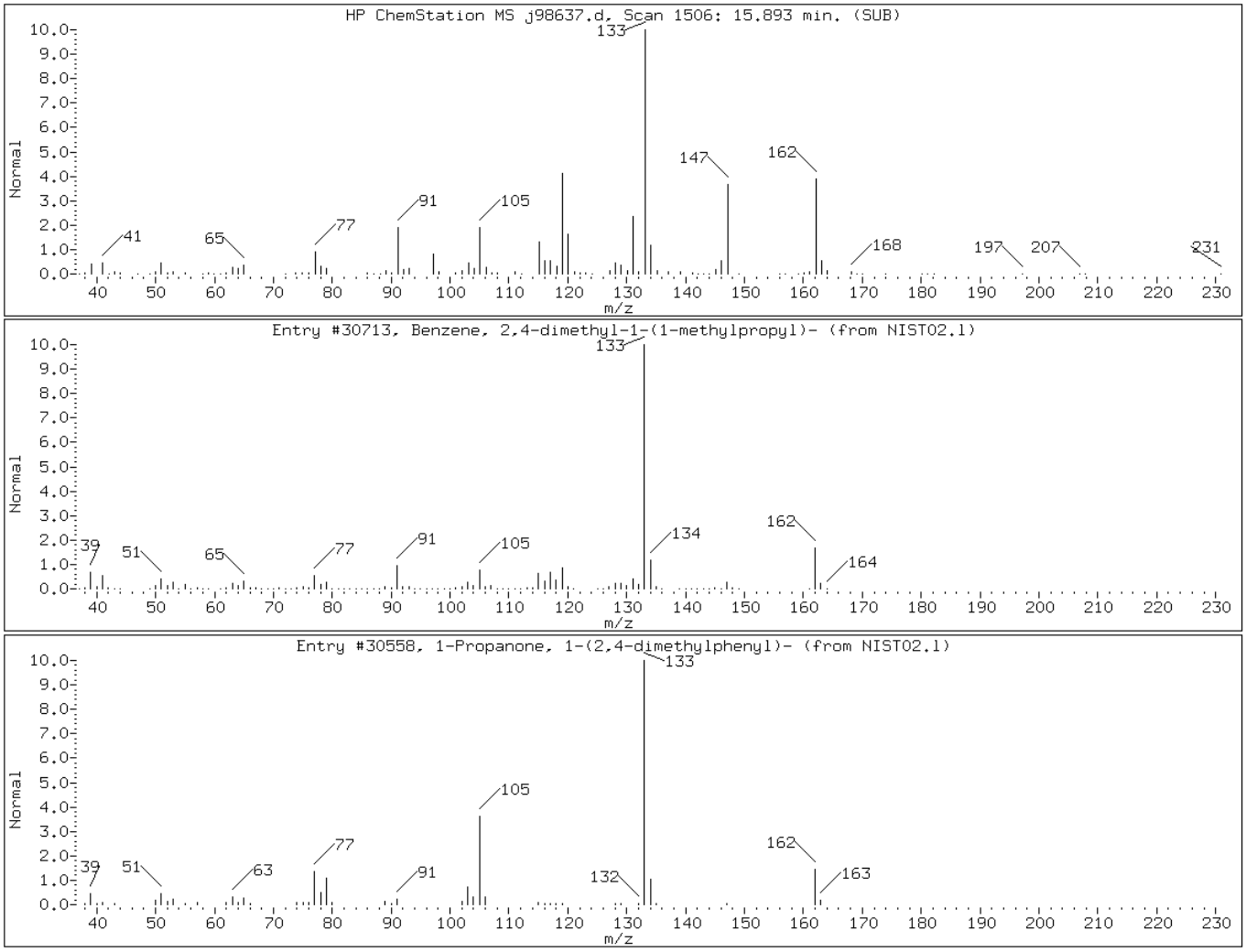
Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

Retention Time: 15.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-2						
Benzene, 2,4-dimethyl-1-(1-methylp	1483-60-9	NIST02.l	30713	50	C12H18	162
1-Propanone, 1-(2,4-dimethylphenyl	35031-55-1	NIST02.l	30558	49	C11H14O	162



Data File: j98637.d

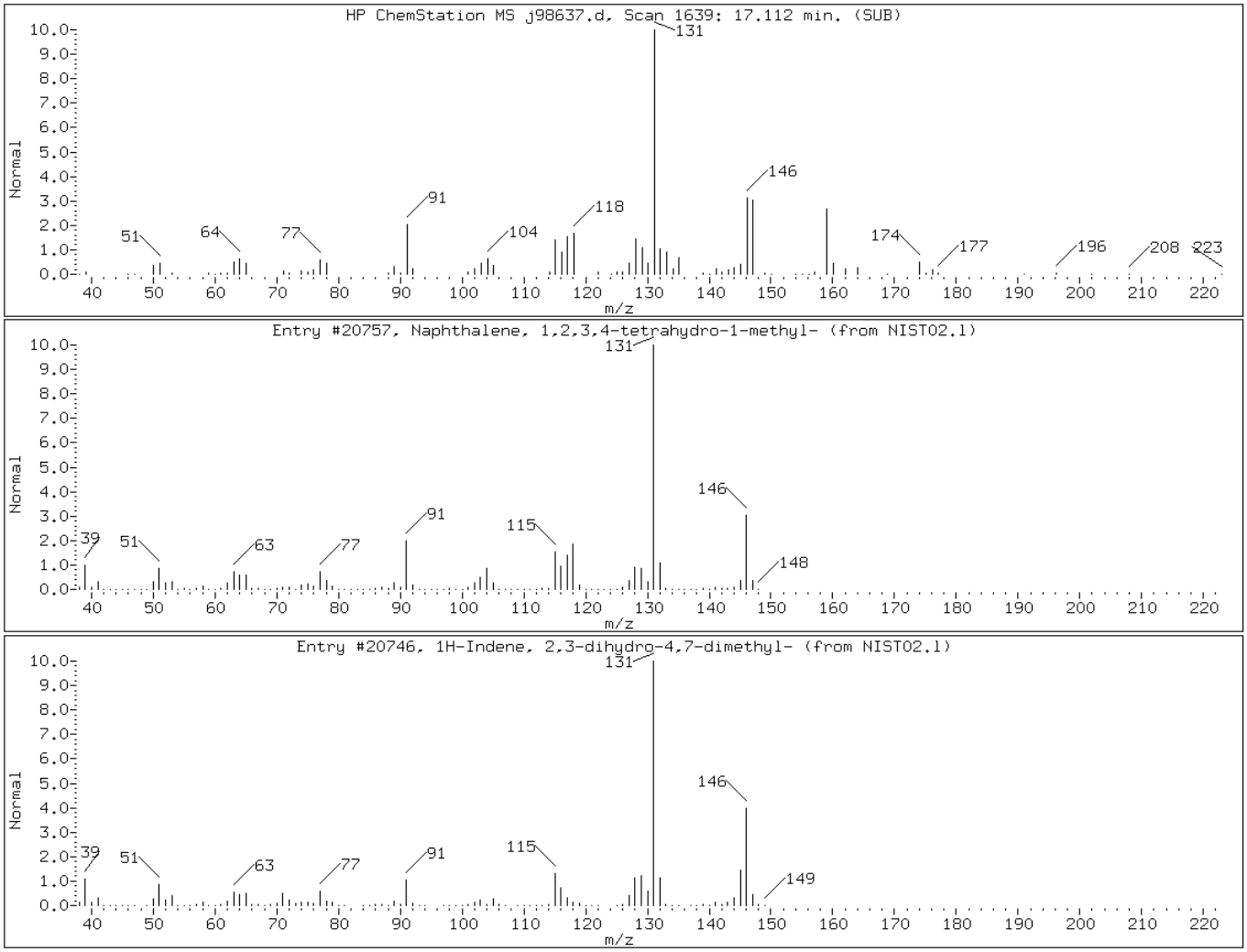
Date: 24-MAR-2011 20:50

Client ID: PMP-28-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-23-A;50;;5.56;5 Operator:

Retention Time: 17.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydromethylnaphthalene isomer						
Naphthalene, 1,2,3,4-tetrahydro-1-	1559-81-5	NIST02.l	20757	93	C11H14	146
1H-Indene, 2,3-dihydro-4,7-dimethy	6682-71-9	NIST02.l	20746	86	C11H14	146



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI1-E (11-13) | Lab Sample ID: 460-24277-24

Matrix: Solid | Lab File ID: j98677.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:05

Sample wt/vol: 5.33(g) | Date Analyzed: 03/25/2011 20:24

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.4 | Level: (low/med) Medium

Analysis Batch No.: 68512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	54	U	54	11
74-83-9	Bromomethane	54	U	54	17
75-01-4	Vinyl chloride	54	U	54	6.4
75-00-3	Chloroethane	54	U	54	24
75-09-2	Methylene Chloride	54	U	54	10
67-64-1	Acetone	540	U	540	130
75-15-0	Carbon disulfide	54	U	54	7.8
75-69-4	Trichlorofluoromethane	54	U	54	8.4
75-35-4	1,1-Dichloroethene	54	U	54	7.5
75-34-3	1,1-Dichloroethane	54	U	54	5.4
156-60-5	trans-1,2-Dichloroethene	54	U	54	7.4
156-59-2	cis-1,2-Dichloroethene	54	U	54	10
67-66-3	Chloroform	54	U	54	8.3
78-93-3	2-Butanone	540	U	540	44
107-06-2	1,2-Dichloroethane	54	U	54	13
71-55-6	1,1,1-Trichloroethane	54	U	54	13
56-23-5	Carbon tetrachloride	54	U	54	9.6
71-43-2	Benzene	54	U	54	6.4
75-25-2	Bromoform	54	U	54	5.3
100-42-5	Styrene	54	U	54	7.4
100-41-4	Ethylbenzene	54	U	54	13
108-90-7	Chlorobenzene	54	U	54	8.8
110-82-7	Cyclohexane	54	U	54	6.6
98-82-8	Isopropylbenzene	22	J	54	11
591-78-6	2-Hexanone	540	U	540	29
1634-04-4	MTBE	54	U	54	9.9
76-13-1	Freon TF	54	U	54	15
79-20-9	Methyl acetate	110	U	110	18
123-91-1	1,4-Dioxane	2700	U	2700	460
79-01-6	Trichloroethene	40	J	54	9.5
108-88-3	Toluene	54	U	54	5.1
10061-02-6	trans-1,3-Dichloropropene	54	U	54	6.5
108-10-1	4-Methyl-2-pentanone	540	U	540	37
10061-01-5	cis-1,3-Dichloropropene	54	U	54	5.5
95-50-1	1,2-Dichlorobenzene	54	U	54	8.7
541-73-1	1,3-Dichlorobenzene	54	U	54	12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI1-E (11-13) | Lab Sample ID: 460-24277-24

Matrix: Solid | Lab File ID: j98677.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:05

Sample wt/vol: 5.33(g) | Date Analyzed: 03/25/2011 20:24

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.4 | Level: (low/med) Medium

Analysis Batch No.: 68512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	25	J	54	8.1
120-82-1	1,2,4-Trichlorobenzene	1300		54	23
87-61-6	1,2,3-Trichlorobenzene	140		54	45
78-87-5	1,2-Dichloropropane	54	U	54	4.7
108-87-2	Methylcyclohexane	96		54	4.3
127-18-4	Tetrachloroethene	20	J	54	10
1330-20-7	Xylenes, Total	140	J	160	23
96-12-8	1,2-Dibromo-3-Chloropropane	54	U	54	8.2
79-34-5	1,1,2,2-Tetrachloroethane	54	U	54	4.6
79-00-5	1,1,2-Trichloroethane	54	U	54	5.2
124-48-1	Dibromochloromethane	54	U	54	5.4
106-93-4	1,2-Dibromoethane	54	U	54	4.9
75-71-8	Dichlorodifluoromethane	54	U	54	15
74-97-5	Bromochloromethane	54	U	54	9.3
75-27-4	Bromodichloromethane	54	U	54	4.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		57-135
2037-26-5	Toluene-d8 (Surr)	85		46-130
460-00-4	Bromofluorobenzene	121		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI1-E (11-13) Lab Sample ID: 460-24277-24

Matrix: Solid Lab File ID: j98677.d

Analysis Method: 8260B Date Collected: 03/18/2011 12:05

Sample wt/vol: 5.33(g) Date Analyzed: 03/25/2011 20:24

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.4 Level: (low/med) Medium

Analysis Batch No.: 68512 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 77100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Cycloalkane	12.90	7600	J
	Ethylmethylbenzene isomer	13.17	4000	J
	Ethyldimethylbenzene isomer	13.60	5800	J
	Decahydronaphthalene isomer	14.19	7000	J
	Ethyldimethylbenzene isomer-1	14.54	4600	J
	Coeluting Aromatics	14.73	14000	J
	Decahydromethylnaphthalene isomer	14.96	7500	J
	Decahydromethylnaphthalene isomer-1	15.25	10000	J
	Tetramethylbenzene isomer	15.71	6700	J
	2,3-dihydro-dimethyl-1H-Indene isomer	16.46	9900	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98677.d
Report Date: 31-Mar-2011 12:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98677.d
Lab Smp Id: 460-24277-B-24-A Client Smp ID: PMP-28-SI1-E (11-13
Inj Date : 25-MAR-2011 20:24
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-24-A;50;;5.33;5
Misc Info : 460-24277-B-24-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/8260_09.m
Meth Date : 25-Mar-2011 10:53 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 19
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.33000	Weight of sample extracted (g)
M	12.41915	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.462	7.440	(0.947)	446946	49.4429	2600
*	52 Fluorobenzene	96	7.878	7.857	(1.000)	1425799	50.0000	
	54 Trichloroethene	95	8.333	8.296	(1.058)	9264	0.75045	40(a)
	56 Methyl cyclohexane	83	8.543	8.544	(1.085)	18180	1.78463	96
$	65 Toluene-d8 (SUR)	98	9.738	9.730	(0.859)	1089311	42.6118	2300
	71 Tetrachloroethene	166	10.428	10.413	(0.920)	4808	0.37302	20(a)
*	78 Chlorobenzene-d5	117	11.334	11.326	(1.000)	1093300	50.0000	
	82 m+p-Xylene	106	11.575	11.559	(1.021)	5290	0.36962	20(a)
	84 o-Xylene	106	11.996	11.983	(1.058)	31659	2.22369	120
	88 Isopropylbenzene	105	12.344	12.342	(1.089)	13004	0.40641	22(a)
$	89 Bromofluorobenzene (SUR)	174	12.537	12.526	(0.910)	608128	60.5417	3200
	97 1,3,5-Trimethylbenzene	105	12.933	12.930	(0.939)	440573	20.8389	1100
	100 tert-Butylbenzene	119	13.289	13.284	(0.965)	13364	0.57163	31(a)
	101 1,2,4-Trimethylbenzene	105	13.344	13.338	(0.969)	141527	6.06248	320

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98677.d
Report Date: 31-Mar-2011 12:22

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
103 sec-Butylbenzene	105	13.542	13.522	(0.983)	54996	1.87775	100
107 p-Isopropyltoluene	119	13.614	13.659	(0.989)	1132791	46.2642	2500
* 108 1,4-Dichlorobenzene-d4	152	13.770	13.761	(1.000)	529364	50.0000	
109 1,4-Dichlorobenzene	146	13.798	13.788	(1.002)	8894	0.46375	25(a)
114 1,2,4-Trichlorobenzene	180	16.398	16.388	(1.191)	244801	24.3959	1300
117 1,2,3-Trichlorobenzene	180	17.259	17.254	(1.253)	19589	2.60462	140
M 121 Xylene (Total)	100				36949	2.59332	140

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98677.d
Report Date: 31-Mar-2011 12:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98677.d
Lab Smp Id: 460-24277-B-24-A Client Smp ID: PMP-28-SI1-E (11-13
Inj Date : 25-MAR-2011 20:24
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-24-A;50;;5.33;5
Misc Info : 460-24277-B-24-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/8260_09.m
Meth Date : 25-Mar-2011 10:53 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 19
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.33000	Weight of sample extracted (g)
M	12.41915	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.334	3546116	50.000
* 108 1,4-Dichlorobenzene-d4	13.770	4174343	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C9H18 Cycloalkane					CAS #:		
10.792	2738778	38.6165737	2100	0	0		78
Unknown					CAS #:		
11.913	3023269	42.6278850	2300	0	0		78

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98677.d
Report Date: 31-Mar-2011 12:22

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-1					CAS #:		
12.179	4975986	70.1610567	3800	0		0	78
Unknown-1					CAS #:		
12.704	3433574	41.1271178	2200	0		0	108
Unknown Cycloalkane					CAS #:		
12.896	11781800	141.121592	7600	0		0	108(L)
Ethylmethylbenzene isomer					CAS #:		
13.169	6268287	75.0811167	4000	0		0	108(L)
Ethyldimethylbenzene isomer					CAS #:		
13.604	9064016	108.568164	5800	0		0	108(L)
Unknown Cycloalkane-1					CAS #:		
13.924	3175185	38.0321493	2000	0		0	108
Decahydronaphthalene isomer					CAS #:		
14.189	10844670	129.896707	7000	0		0	108
Methylpropylbenzene isomer					CAS #:		
14.340	5562177	66.6233796	3600	0		0	108
Ethyldimethylbenzene isomer-1					CAS #:		
14.543	7104975	85.1029077	4600	0		0	108
Coeluting Aromatics					CAS #:		
14.734	22537548	269.953203	14000	0		0	108
Decahydromethylnaphthalene isomer					CAS #:		
14.956	11733310	140.540785	7500	0		0	108
Decahydromethylnaphthalene isomer-1					CAS #:		
15.248	16231541	194.420280	10000	0		0	108
Tetramethylbenzene isomer					CAS #:		
15.713	10496992	125.732252	6700	0		0	108
Unknown Aromatic					CAS #:		
15.878	4517868	54.1147180	2900	0		0	108
Coeluting Unknowns					CAS #:		
16.051	4426605	53.0215682	2800	0		0	108

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98677.d
Report Date: 31-Mar-2011 12:22

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Coeluting Aromatics-1					CAS #:		
16.222	4053070	48.5473976	2600	0	0		108
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
16.461	15423692	184.743921	9900	0	0		108(L)
2,3-dihydro-dimethyl-1H-Indene isomer-1					CAS #:		
17.764	2974044	35.6228956	1900	0	0		108

QC Flag Legend

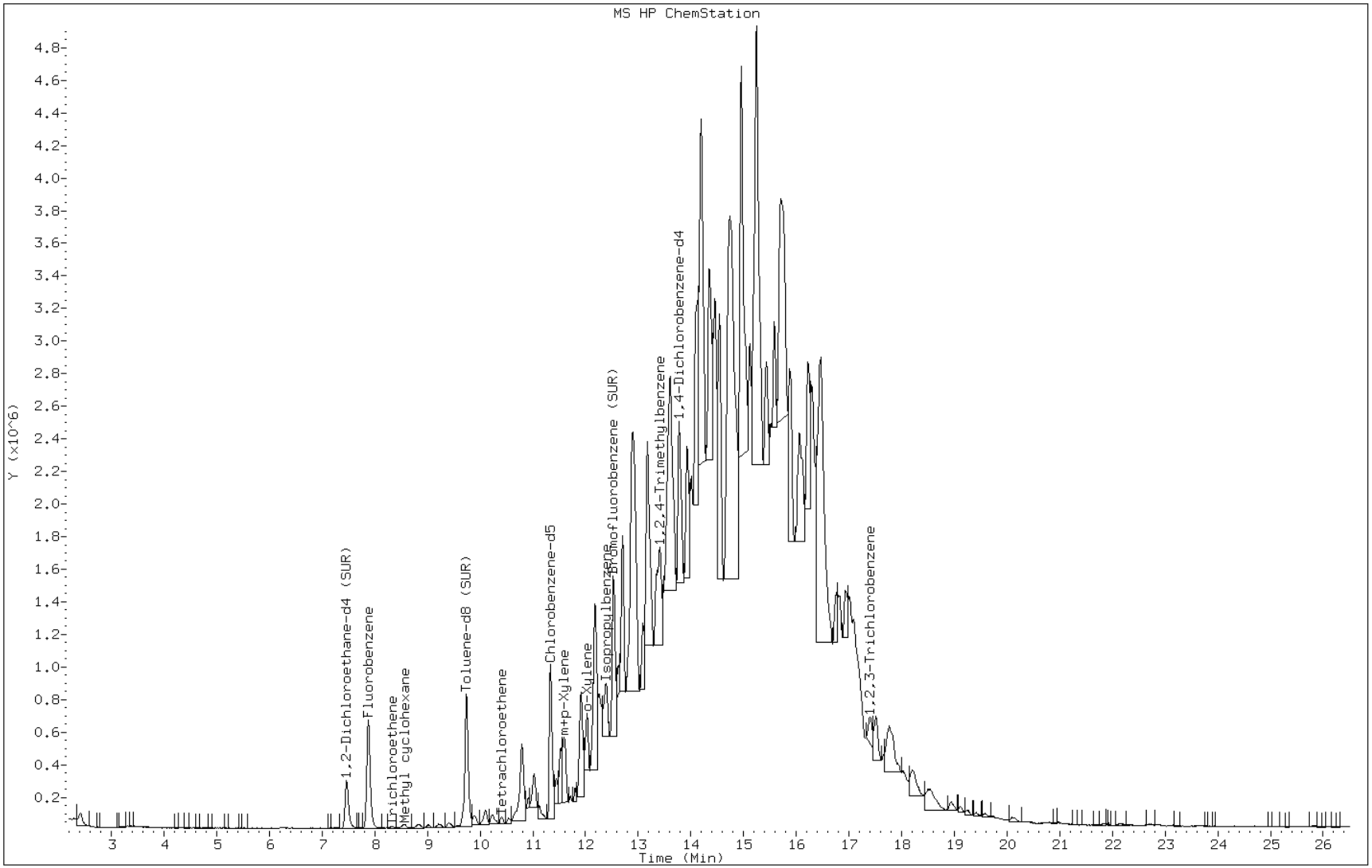
L - Operator selected an alternate library search match.

Data File: j98677.d

Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:



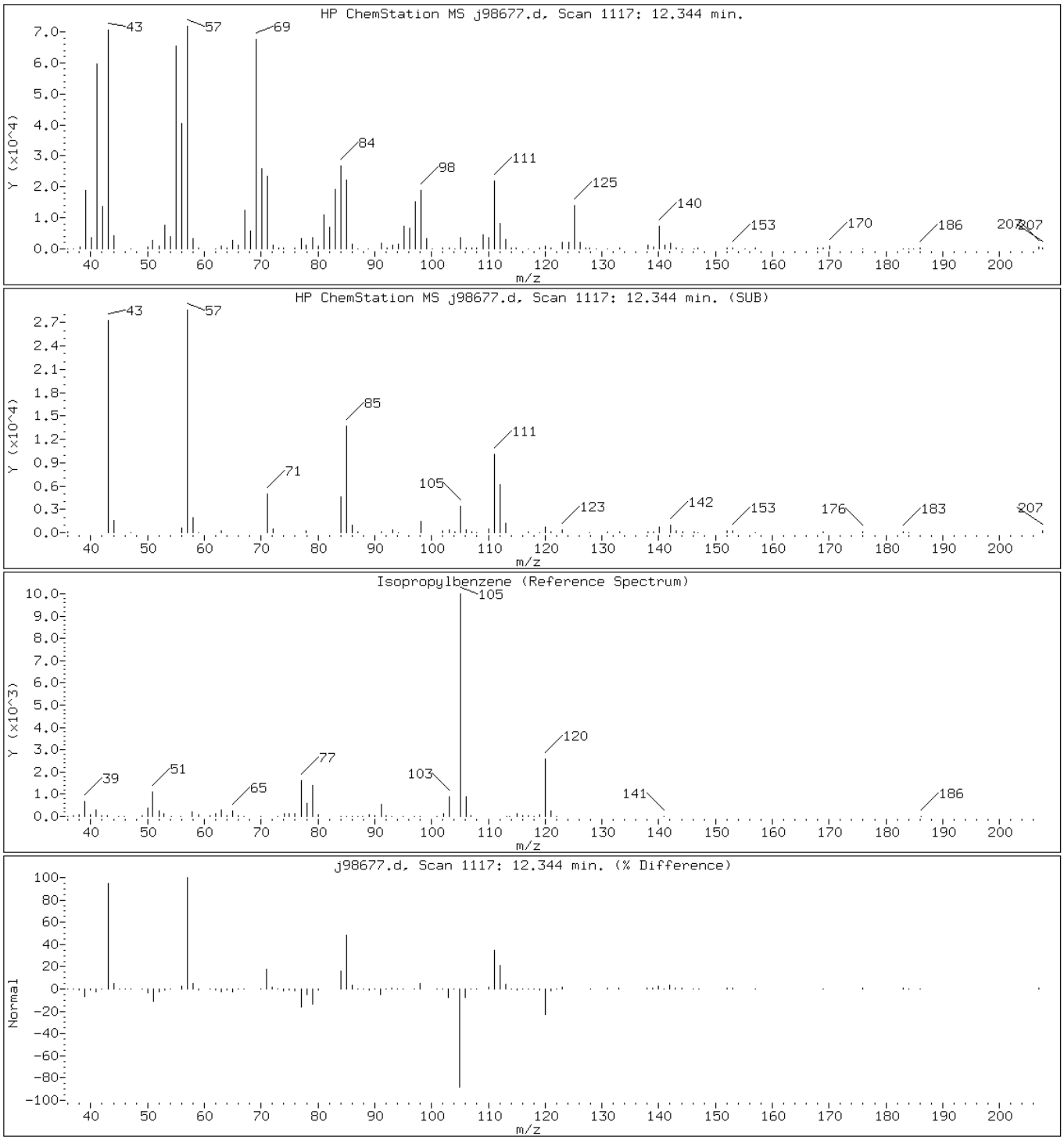
Data File: j98677.d

Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

88 Isopropylbenzene



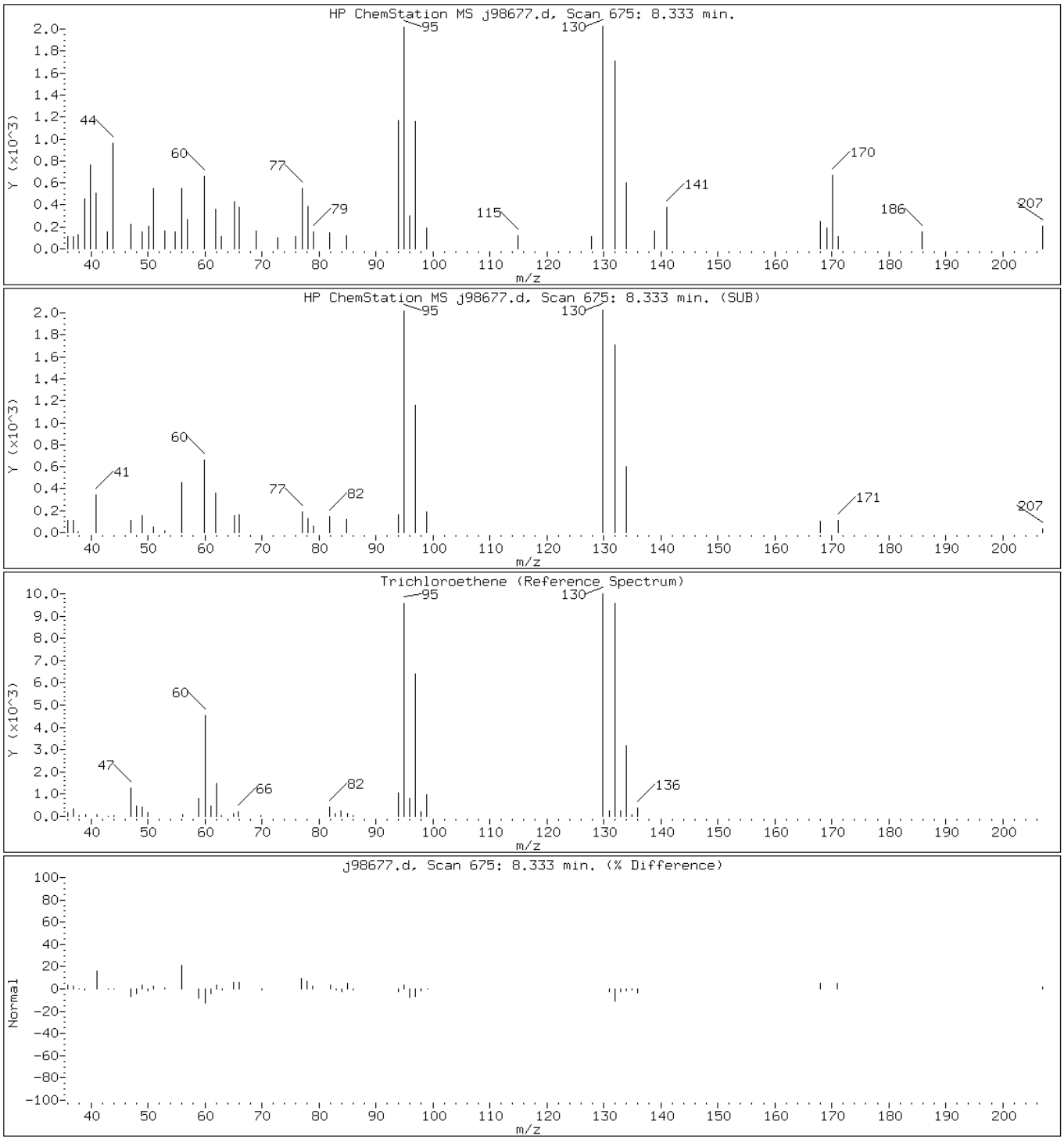
Data File: j98677.d

Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

54 Trichloroethene



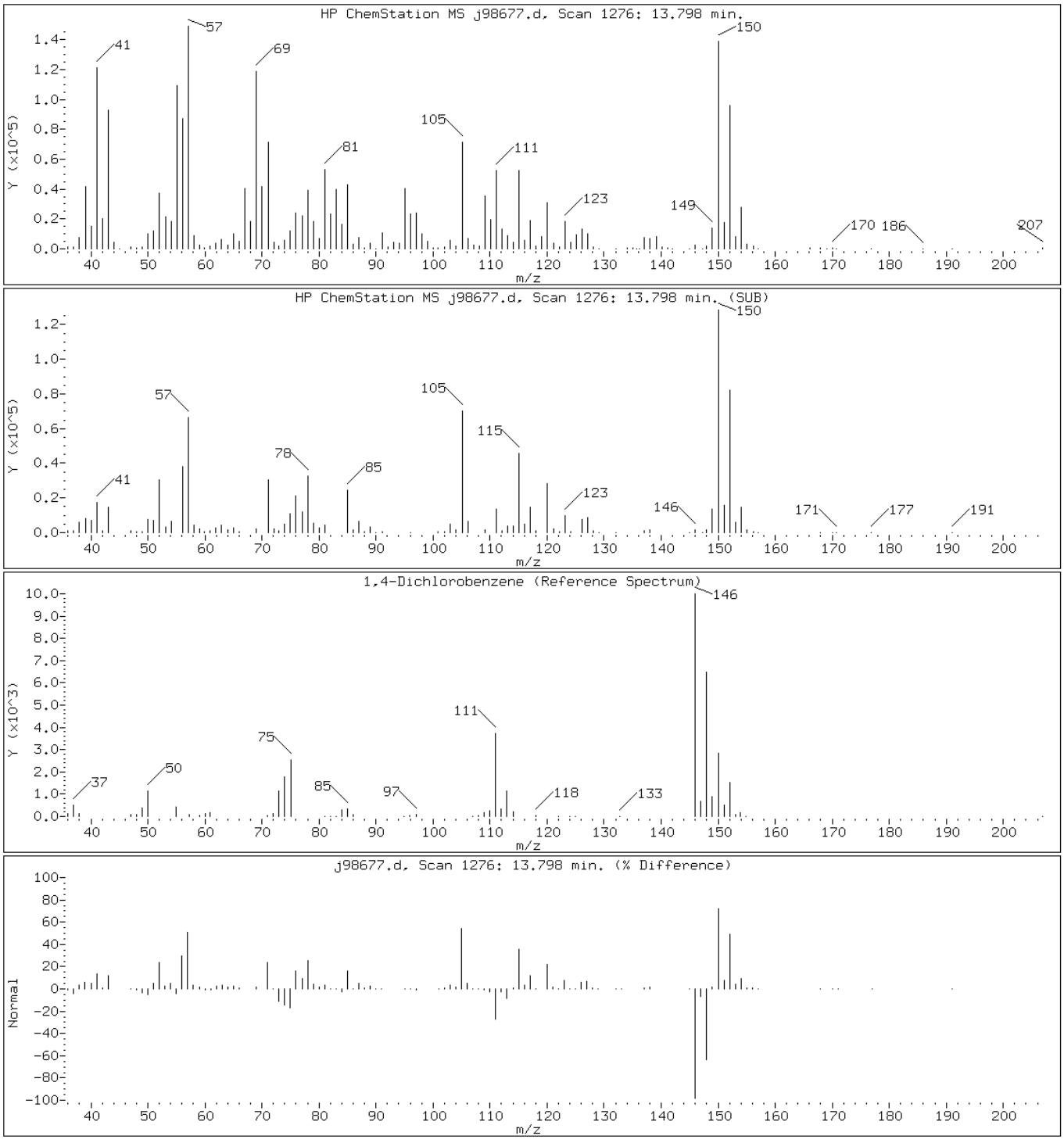
Data File: j98677.d

Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

109 1,4-Dichlorobenzene



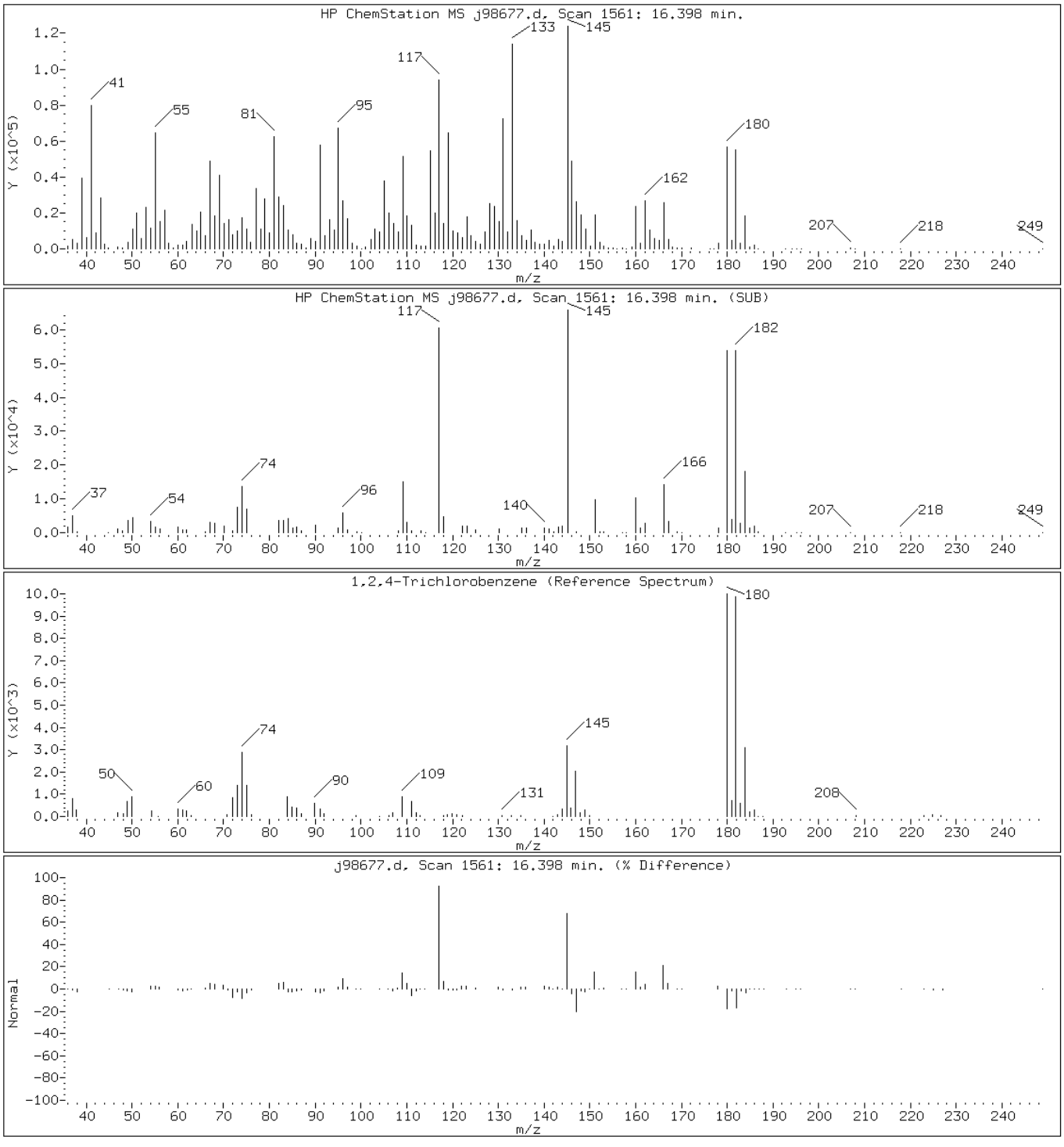
Data File: j98677.d

Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

114 1,2,4-Trichlorobenzene



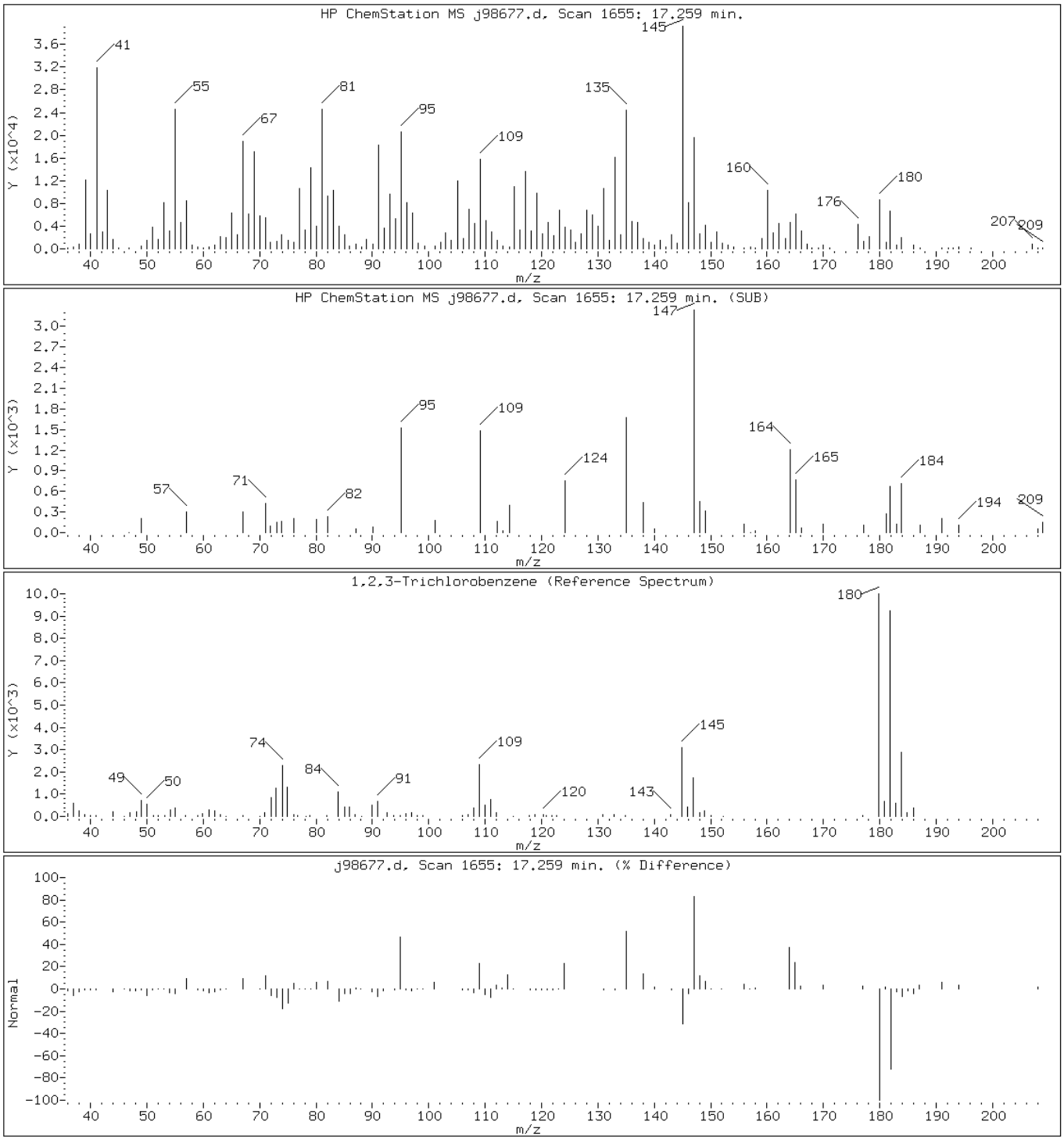
Data File: j98677.d

Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

117 1,2,3-Trichlorobenzene



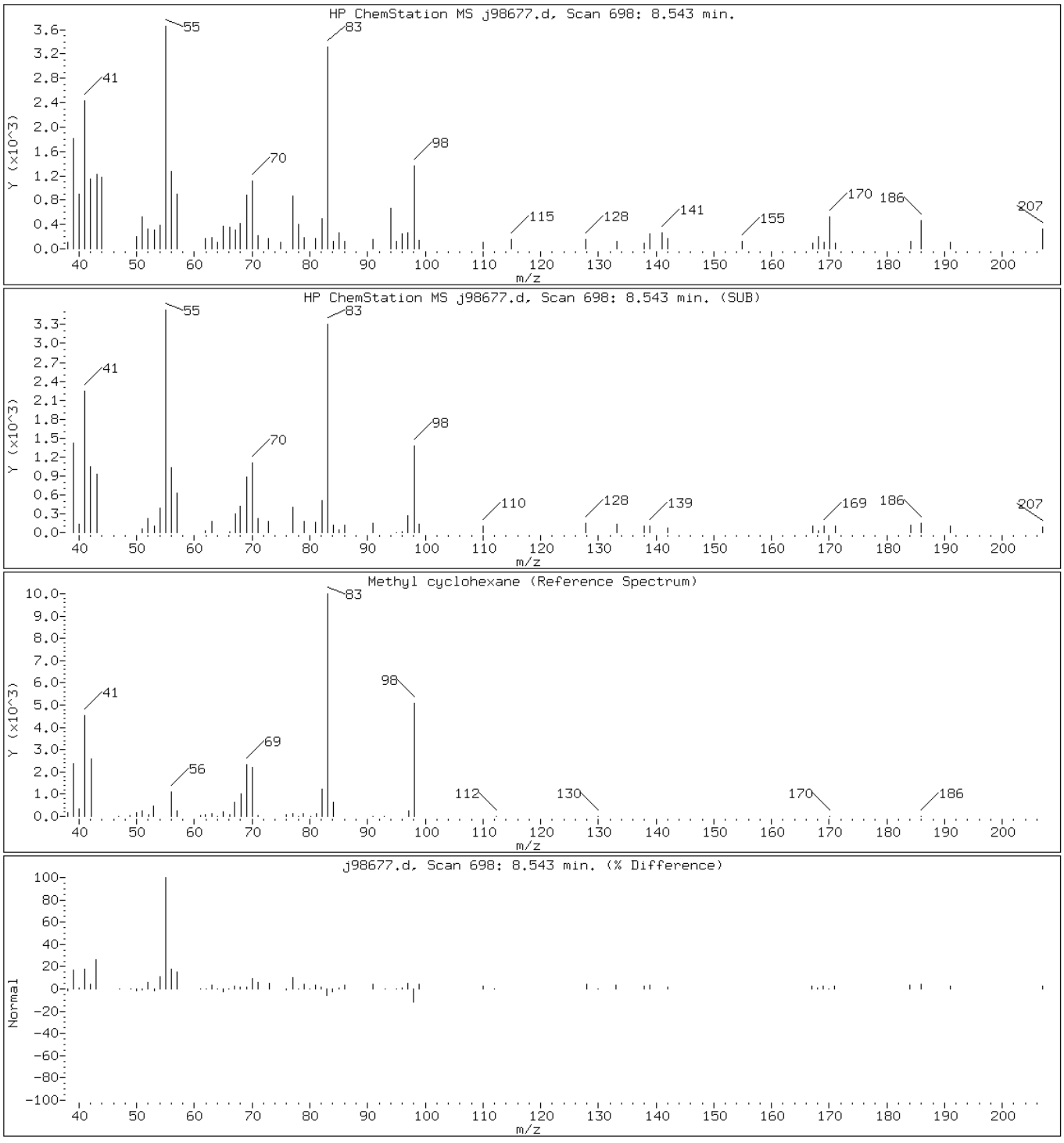
Data File: j98677.d

Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

56 Methyl cyclohexane



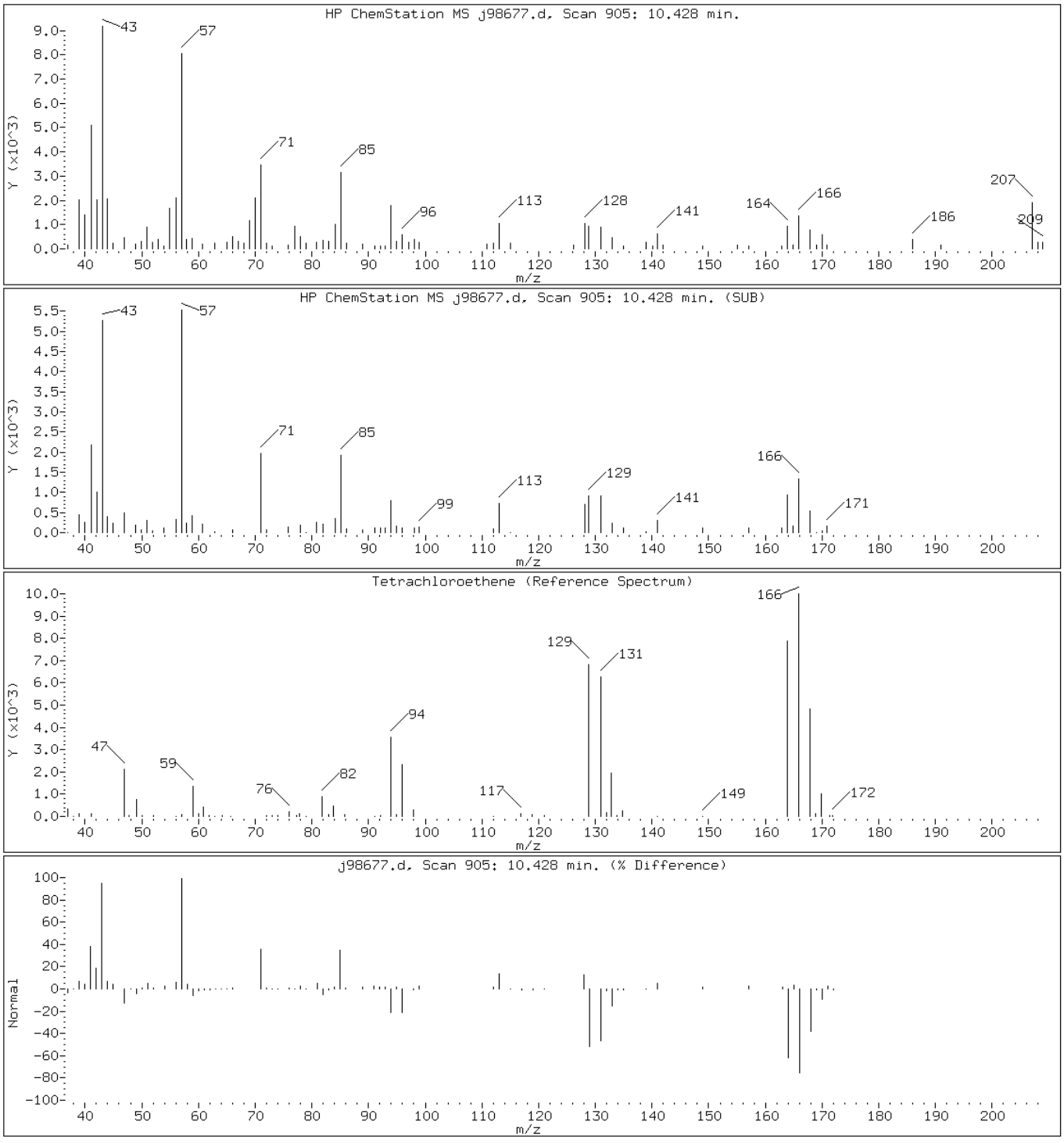
Data File: j98677.d

Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

71 Tetrachloroethene



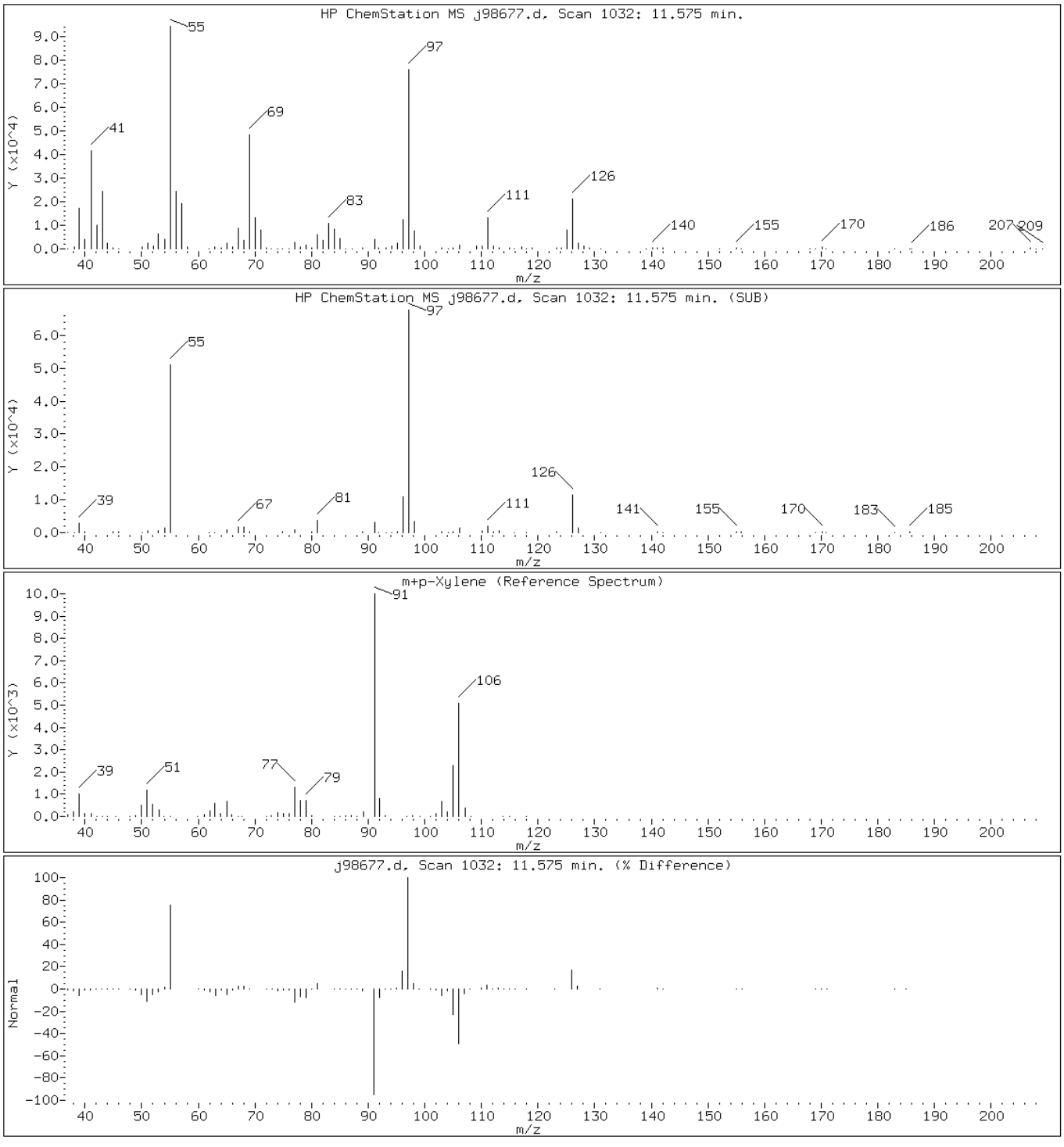
Data File: j98677.d

Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

82 m+p-Xylene



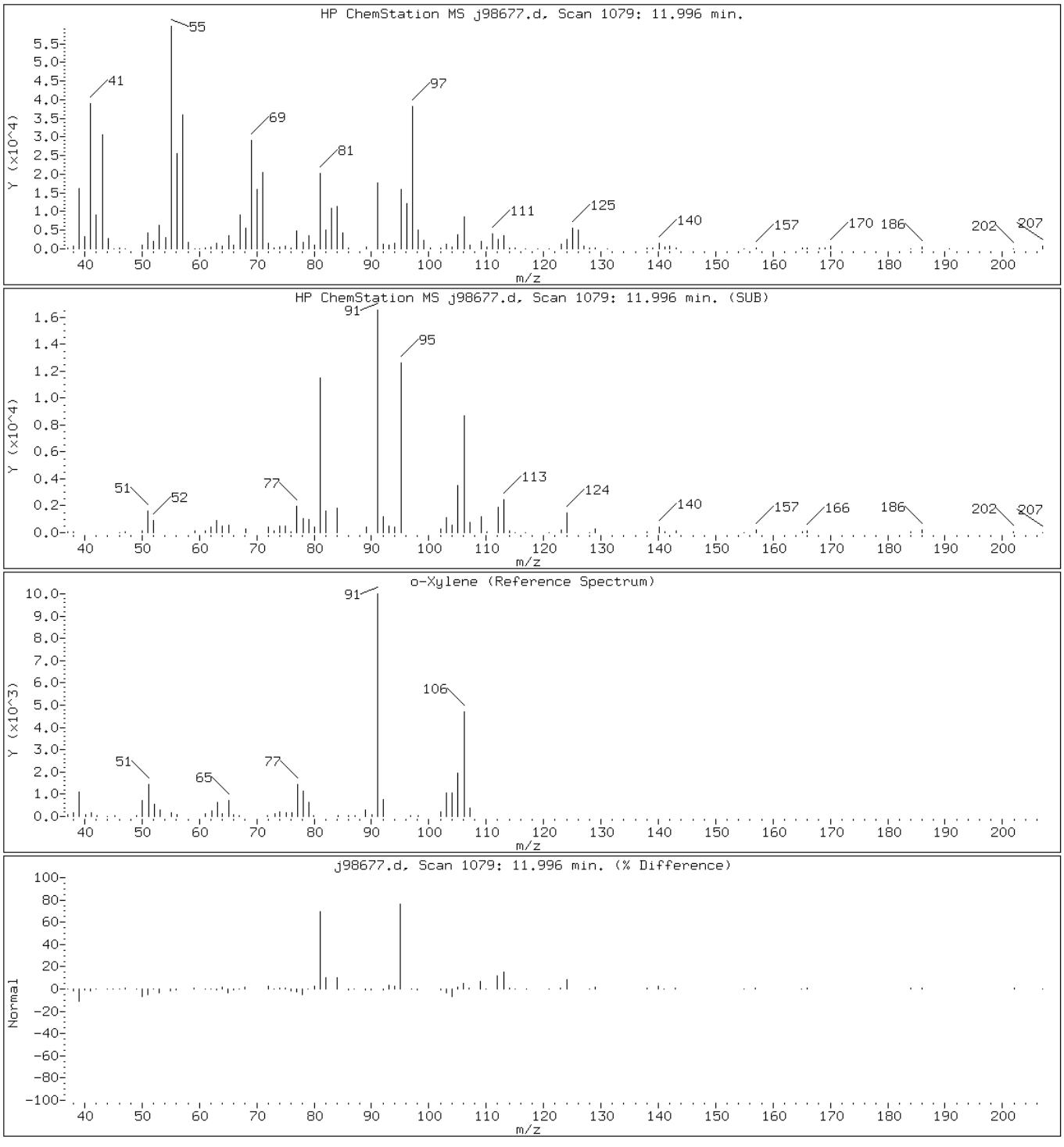
Data File: j98677.d

Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

84 o-Xylene



Data File: j98677.d

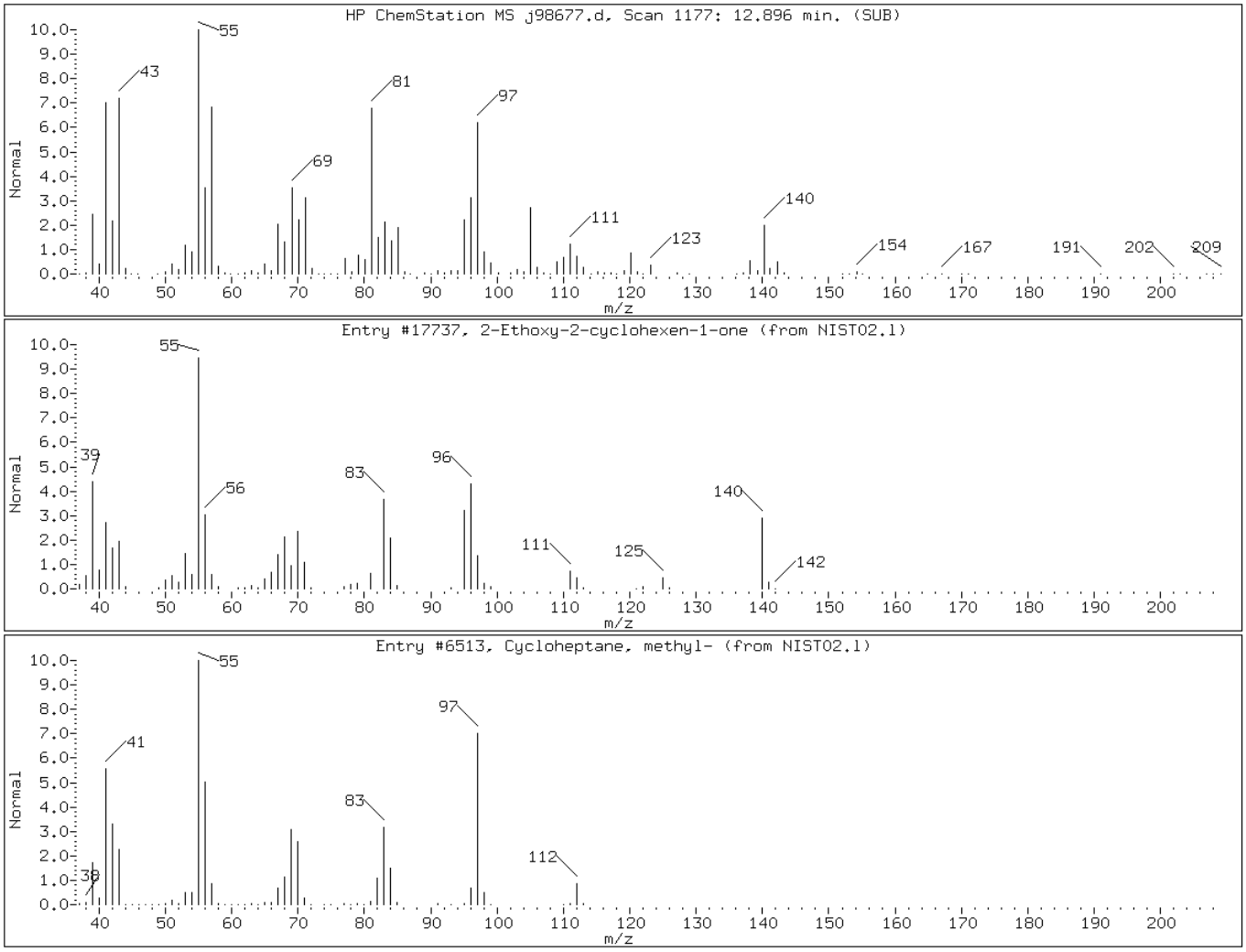
Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

Retention Time: 12.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
2-Ethoxy-2-cyclohexen-1-one	29941-82-0	NIST02.l	17737	49	C8H12O2	140
Cycloheptane, methyl-	4126-78-7	NIST02.l	6513	46	C8H16	112



Data File: j98677.d

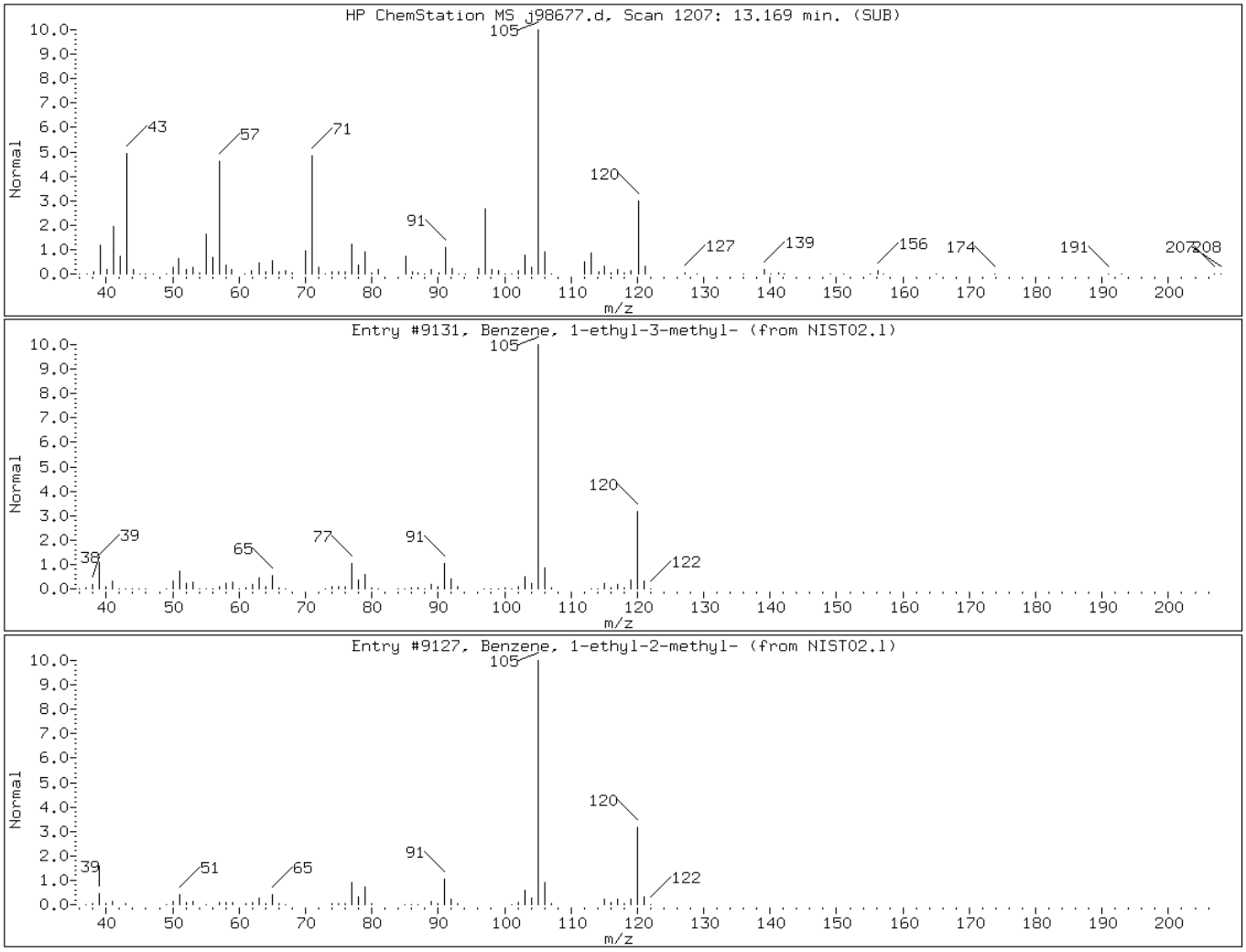
Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

Retention Time: 13.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9131	46	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9127	46	C9H12	120



Data File: j98677.d

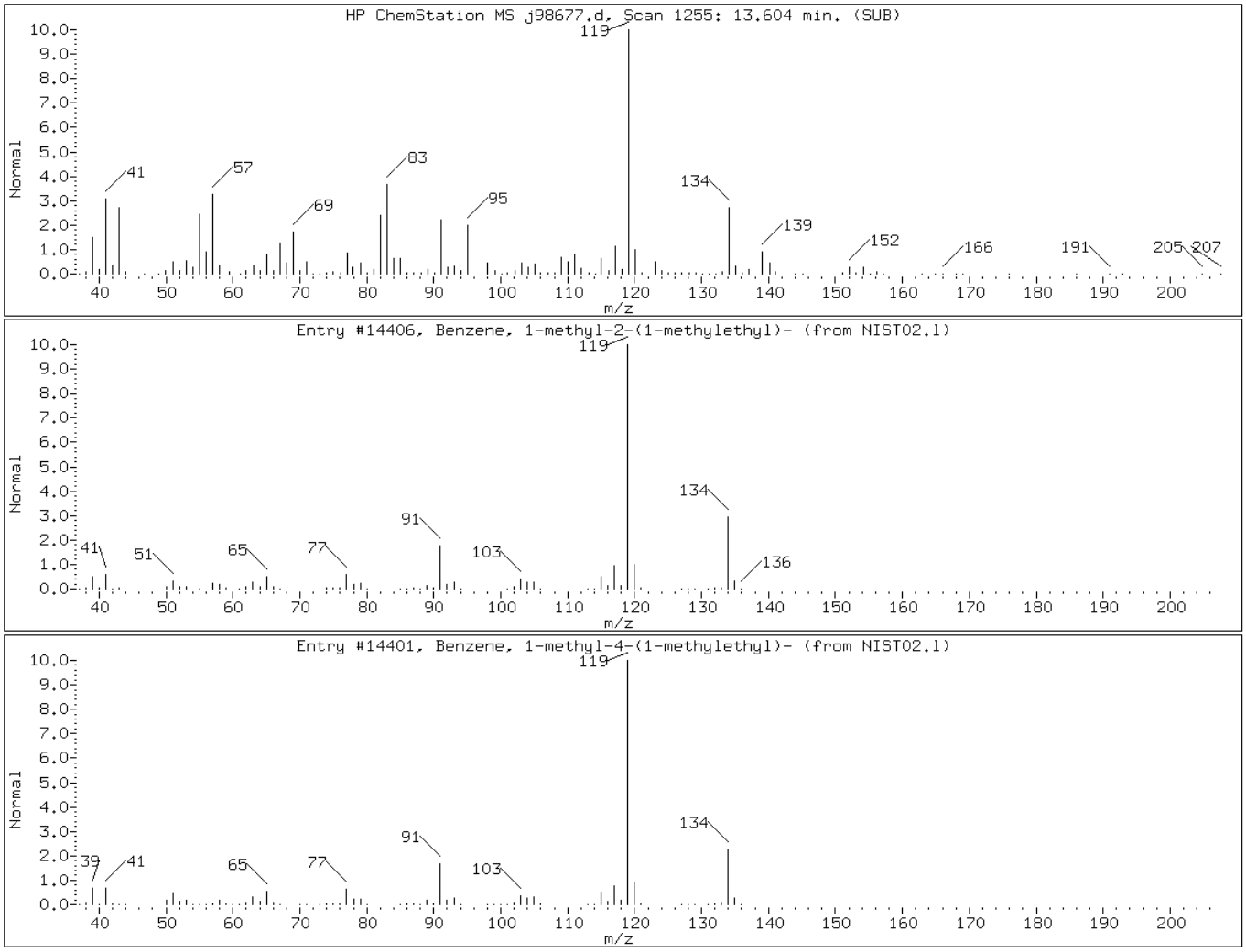
Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

Retention Time: 13.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	92	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	92	C10H14	134



Data File: j98677.d

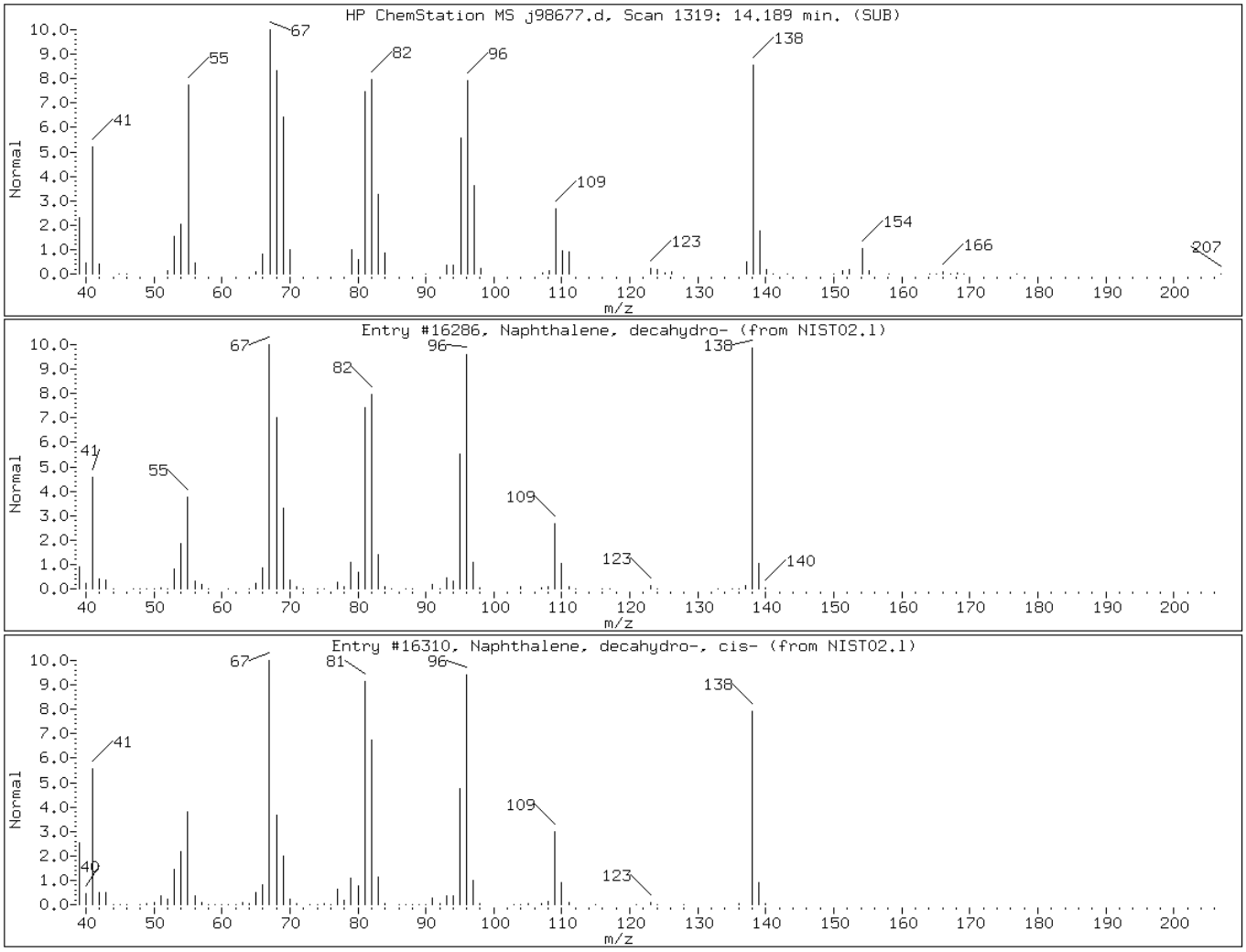
Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

Retention Time: 14.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-	91-17-8	NIST02.l	16286	98	C10H18	138
Naphthalene, decahydro-, cis-	493-01-6	NIST02.l	16310	96	C10H18	138



Data File: j98677.d

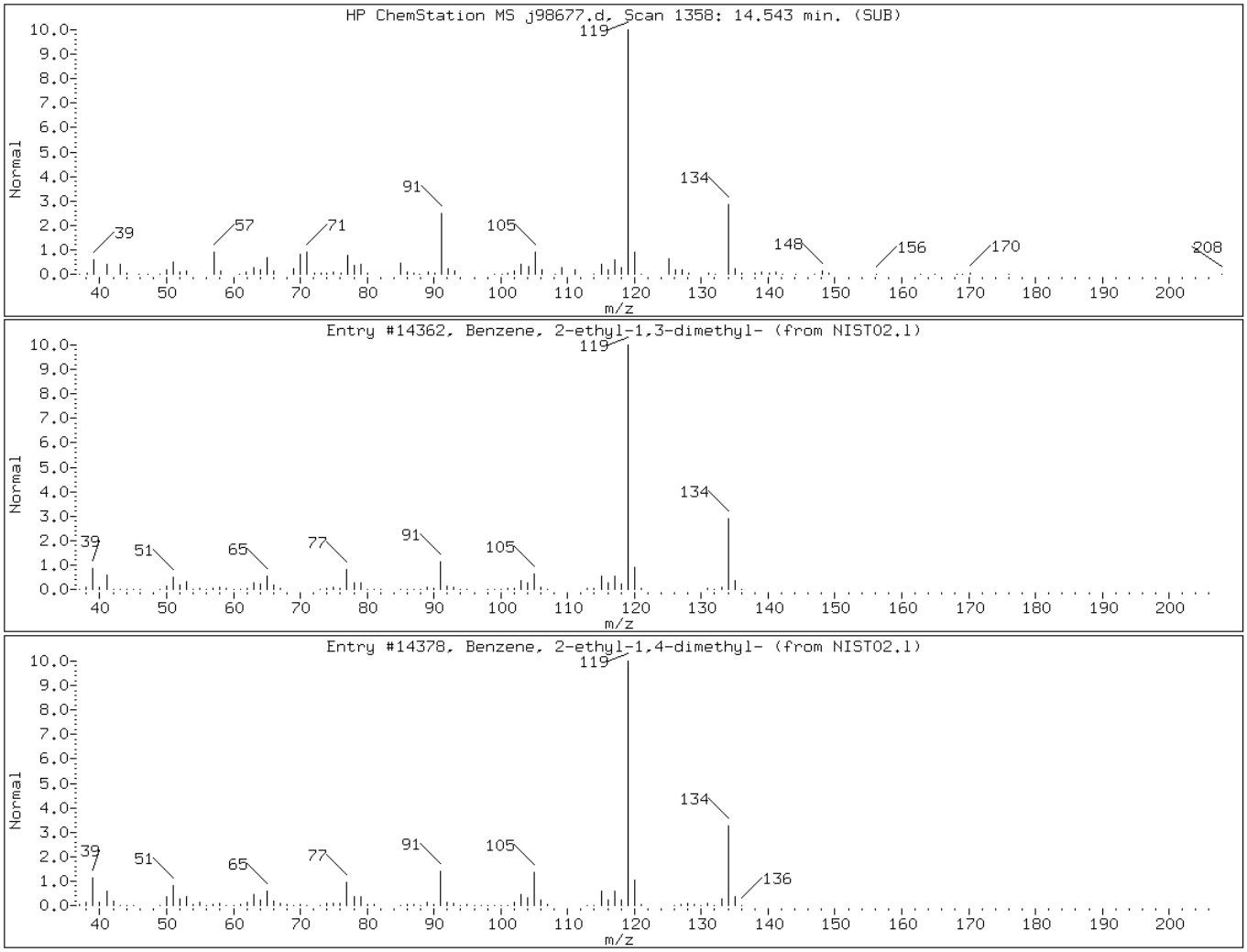
Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

Retention Time: 14.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14362	94	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14378	93	C10H14	134



Data File: j98677.d

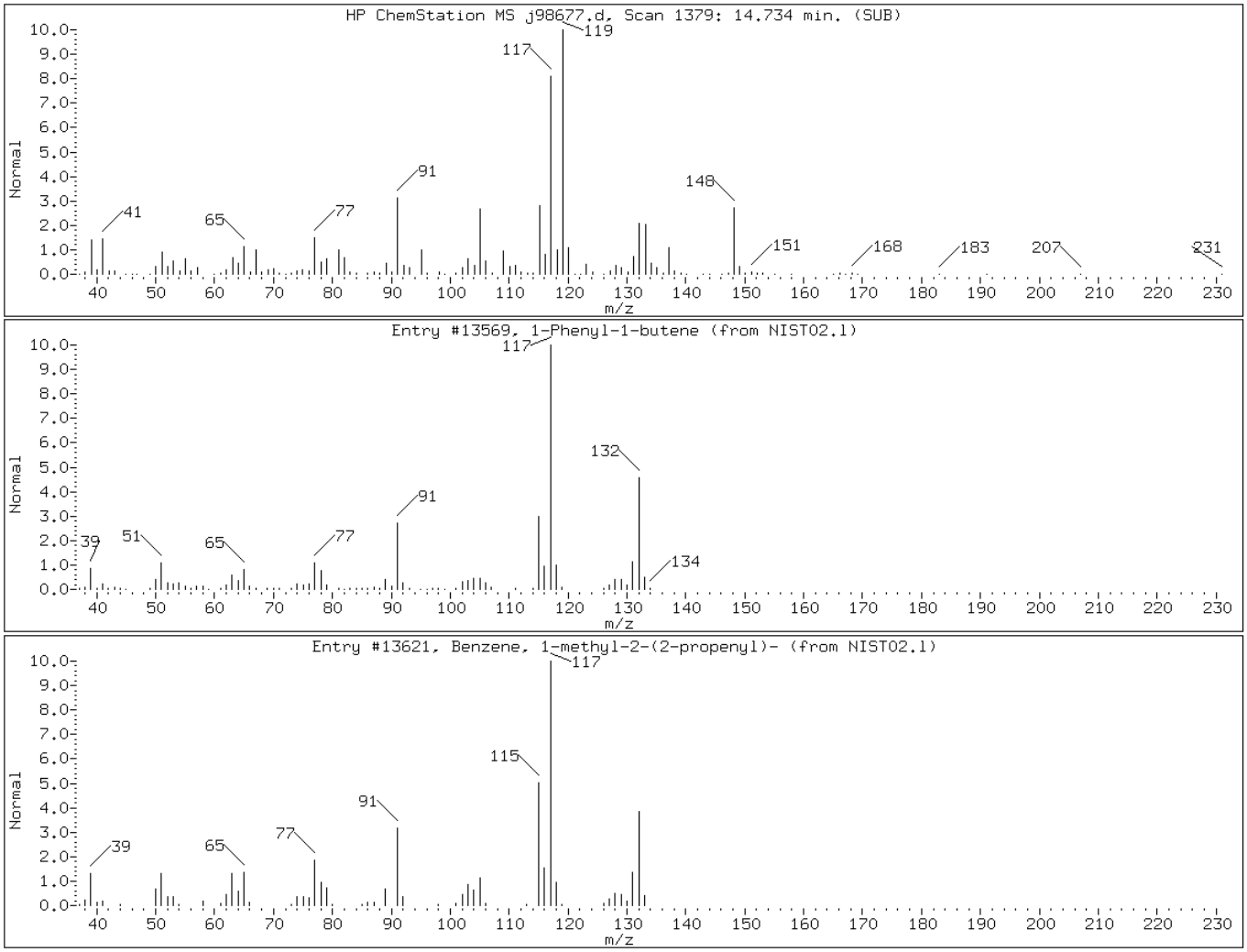
Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

Retention Time: 14.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	84	C10H12	132
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13621	60	C10H12	132



Data File: j98677.d

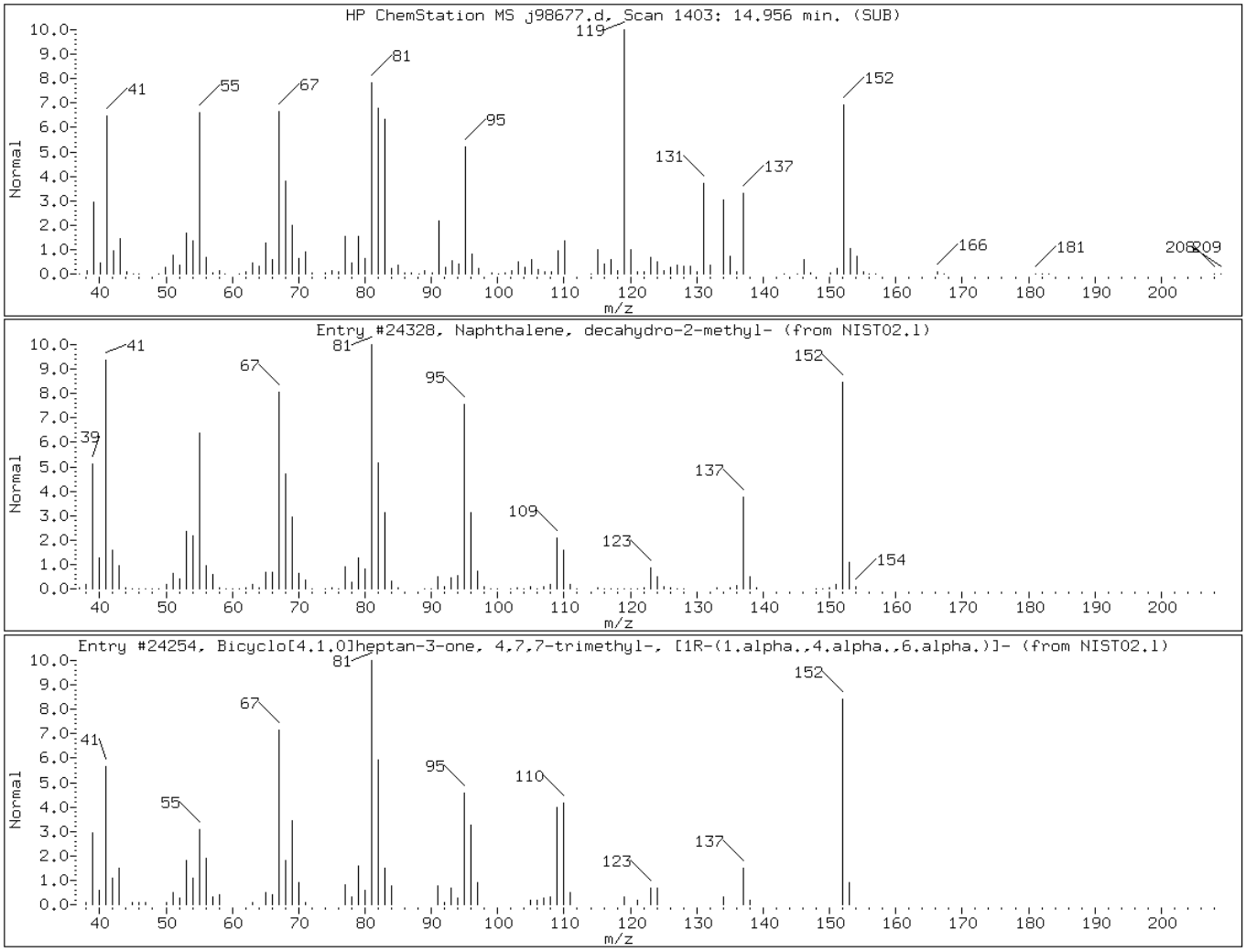
Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

Retention Time: 14.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	78	C11H20	152
Bicyclo[4.1.0]heptan-3-one, 4,7,7-	4176-04-9	NIST02.l	24254	60	C10H16O	152



Data File: j98677.d

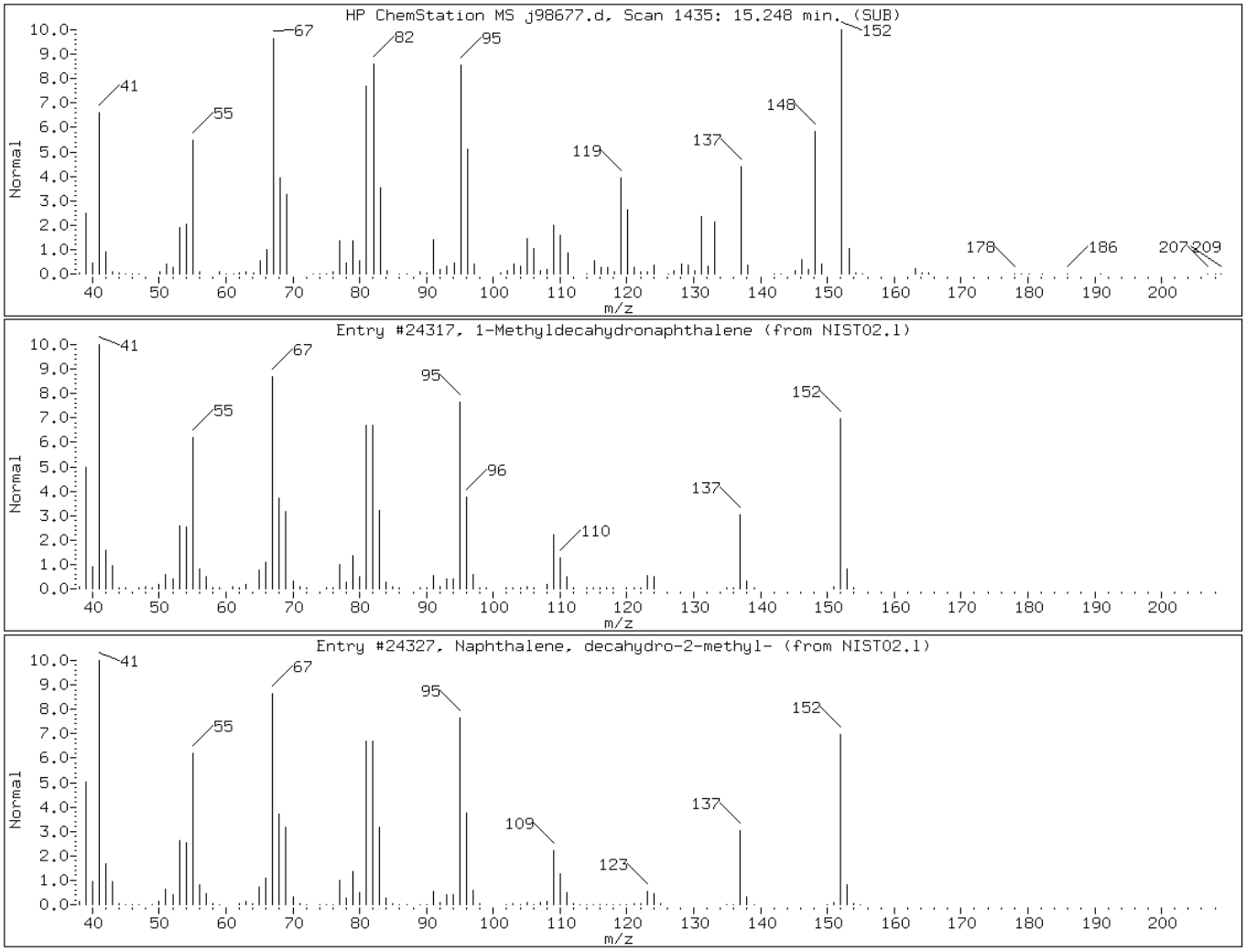
Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

Retention Time: 15.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	83	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	64	C11H20	152



Data File: j98677.d

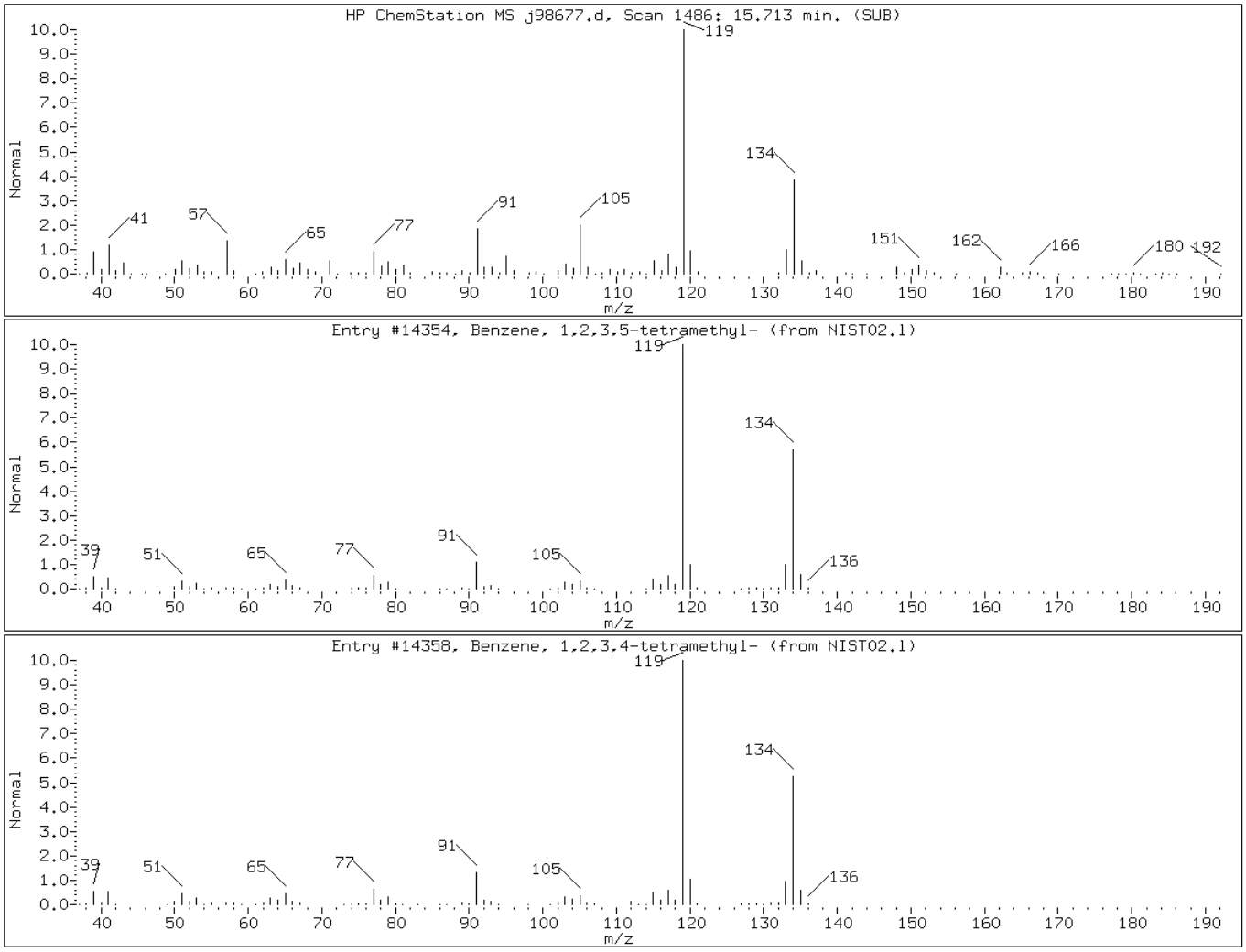
Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

Retention Time: 15.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	95	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	94	C10H14	134



Data File: j98677.d

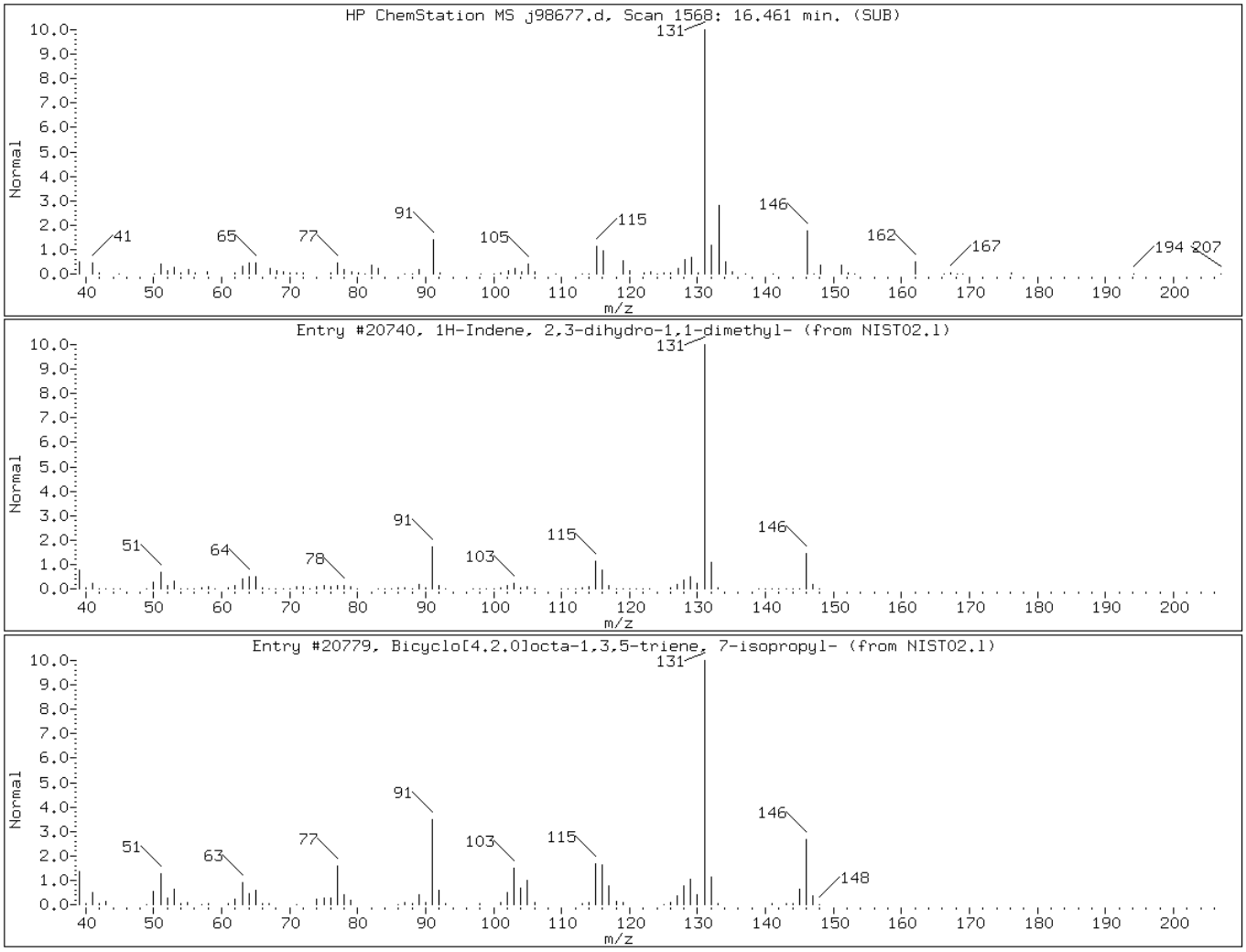
Date: 25-MAR-2011 20:24

Client ID: PMP-28-SI1-E (11-13 Instrument: VOAMS8.i

Sample Info: 460-24277-B-24-A;50;;5.33;5 Operator:

Retention Time: 16.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-1,1-dimethy	4912-92-9	NIST02.l	20740	93	C11H14	146
Bicyclo[4.2.0]octa-1,3,5-triene, 7	27087-54-3	NIST02.l	20779	64	C11H14	146



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI2-E (15-17) | Lab Sample ID: 460-24277-25

Matrix: Solid | Lab File ID: o46732.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:10

Sample wt/vol: 11.13(g) | Date Analyzed: 03/29/2011 09:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.52	U	0.52	0.33
74-83-9	Bromomethane	0.52	U	0.52	0.21
75-01-4	Vinyl chloride	0.52	U	0.52	0.12
75-00-3	Chloroethane	0.52	U	0.52	0.21
75-09-2	Methylene Chloride	0.52	U	0.52	0.24
67-64-1	Acetone	5.7		5.2	1.9
75-15-0	Carbon disulfide	0.65		0.52	0.24
75-69-4	Trichlorofluoromethane	0.52	U	0.52	0.13
75-35-4	1,1-Dichloroethene	0.52	U	0.52	0.19
75-34-3	1,1-Dichloroethane	0.52	U	0.52	0.13
156-60-5	trans-1,2-Dichloroethene	0.52	U	0.52	0.15
156-59-2	cis-1,2-Dichloroethene	0.52	U	0.52	0.12
67-66-3	Chloroform	0.52	U	0.52	0.12
78-93-3	2-Butanone	5.2	U	5.2	0.30
107-06-2	1,2-Dichloroethane	0.52	U	0.52	0.20
71-55-6	1,1,1-Trichloroethane	0.52	U	0.52	0.097
56-23-5	Carbon tetrachloride	0.52	U	0.52	0.052
71-43-2	Benzene	0.52	U	0.52	0.38
75-25-2	Bromoform	0.52	U	0.52	0.36
100-42-5	Styrene	0.52	U	0.52	0.18
100-41-4	Ethylbenzene	0.52	U	0.52	0.099
108-90-7	Chlorobenzene	0.52	U	0.52	0.25
110-82-7	Cyclohexane	0.52	U	0.52	0.12
98-82-8	Isopropylbenzene	0.52	U	0.52	0.13
591-78-6	2-Hexanone	5.2	U	5.2	0.87
1634-04-4	MTBE	0.52	U	0.52	0.18
76-13-1	Freon TF	0.52	U	0.52	0.25
79-20-9	Methyl acetate	0.52	U	0.52	0.46
123-91-1	1,4-Dioxane	26	U	26	2.2
79-01-6	Trichloroethene	0.52	U	0.52	0.19
108-88-3	Toluene	0.52	U	0.52	0.16
10061-02-6	trans-1,3-Dichloropropene	0.52	U	0.52	0.11
108-10-1	4-Methyl-2-pentanone	5.2	U	5.2	0.37
10061-01-5	cis-1,3-Dichloropropene	0.52	U	0.52	0.10
95-50-1	1,2-Dichlorobenzene	0.52	U	0.52	0.33
541-73-1	1,3-Dichlorobenzene	0.52	U	0.52	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI2-E (15-17) | Lab Sample ID: 460-24277-25

Matrix: Solid | Lab File ID: o46732.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:10

Sample wt/vol: 11.13(g) | Date Analyzed: 03/29/2011 09:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.52	U	0.52	0.37
120-82-1	1,2,4-Trichlorobenzene	1.4		0.52	0.28
87-61-6	1,2,3-Trichlorobenzene	0.36	J	0.52	0.34
78-87-5	1,2-Dichloropropane	0.52	U	0.52	0.16
108-87-2	Methylcyclohexane	0.52	U	0.52	0.14
127-18-4	Tetrachloroethene	0.52	U	0.52	0.17
1330-20-7	Xylenes, Total	1.6	U	1.6	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	0.52	U	0.52	0.32
79-34-5	1,1,2,2-Tetrachloroethane	0.52	U	0.52	0.39
79-00-5	1,1,2-Trichloroethane	0.52	U	0.52	0.31
124-48-1	Dibromochloromethane	0.52	U	0.52	0.29
106-93-4	1,2-Dibromoethane	0.52	U	0.52	0.27
75-71-8	Dichlorodifluoromethane	0.52	U *	0.52	0.21
74-97-5	Bromochloromethane	0.52	U	0.52	0.14
75-27-4	Bromodichloromethane	0.52	U	0.52	0.16

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	94		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI2-E (15-17) Lab Sample ID: 460-24277-25

Matrix: Solid Lab File ID: o46732.d

Analysis Method: 8260B Date Collected: 03/18/2011 12:10

Sample wt/vol: 11.13(g) Date Analyzed: 03/29/2011 09:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 242

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C12H26 Alkane	13.37	18	J
	C13H28 Alkane	13.51	18	J
	Unknown Alkane	14.01	25	J
	Unknown Alkane-1	14.65	20	J
	Tetrahydrodimethylnaphthalene isomer	14.74	21	J
	Unknown Alkane-2	14.79	37	J
	C14H30 Alkane	14.93	37	J
	Tetrahydrodimethylnaphthalene isomer-1	15.26	19	J
	Unknown Alkane-3	15.33	25	J
	Unknown	15.45	22	J

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46732.d
Report Date: 30-Mar-2011 13:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46732.d
Lab Smp Id: 460-24277-D-25-A Client Smp ID: PMP-28-SI2-E (15-17
Inj Date : 29-MAR-2011 09:52
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-25-A;;;11.13;5
Misc Info : 460-24277-D-25-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	11.13000	Weight of sample extracted (g)
M	13.37143	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.807	1.807	(0.448)	10179	11.0271	5.7
	8 Carbon Disulfide	76	1.904	1.898	(0.472)	20392	1.25328	0.65
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.709	3.709	(0.920)	188682	47.6153	25
*	69 Fluorobenzene	96	4.032	4.032	(1.000)	1077702	50.0000	
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	796051	45.0882	23
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	766579	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.598	9.604	(0.837)	300573	47.0248	24
	100 1,2,4-Trimethylbenzene	105	10.988	10.994	(0.958)	8045	0.26839	0.14(a)
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.469	(1.000)	429315	50.0000	
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	11377	0.38211	0.20(a)
	93 1,2,4-Trichlorobenzene	180	13.634	13.634	(1.189)	34511	2.69785	1.4
	70 Naphthalene	128	13.835	13.835	(1.206)	32644	1.43532	0.74
	98 1,2,3-Trichlorobenzene	180	14.042	14.042	(1.224)	7878	0.68572	0.36(a)

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46732.d
Report Date: 30-Mar-2011 13:34

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46732.d
Report Date: 30-Mar-2011 13:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46732.d
Lab Smp Id: 460-24277-D-25-A Client Smp ID: PMP-28-SI2-E (15-17
Inj Date : 29-MAR-2011 09:52
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-25-A;;;11.13;5
Misc Info : 460-24277-D-25-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	11.13000	Weight of sample extracted (g)
M	13.37143	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 91 1,4-Dichlorobenzene-d4	11.469	2475849	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H14 Aromatic					CAS #:		
13.304	1247234	25.1879973	13	0		0	91
C12H26 Alkane					CAS #:		
13.371	1705444	34.4416003	18	0		0	91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46732.d
Report Date: 30-Mar-2011 13:34

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C13H28 Alkane					CAS #:		
13.512	1757744	35.4977938	18	0		0	91
Unknown Cycloalkane					CAS #:		
13.853	1490282	30.0963718	16	0		0	91(ML)
Unknown Alkane					CAS #:		
14.012	2346139	47.3804732	24	0		0	91(L)
C13H28 Alkane-1					CAS #:		
14.219	1648489	33.2913747	17	0		0	91
2,3-dihydro-trimethyl-1H-Indene isomer					CAS #:		
14.499	1229069	24.8211606	13	0		0	91
2,3-dihydro-trimethyl-1H-Indene isomer-1					CAS #:		
14.609	1644056	33.2018601	17	0		0	91
Unknown Alkane-1					CAS #:		
14.652	1915344	38.6805409	20	0		0	91
Tetrahydrodimethylnaphthalene isomer					CAS #:		
14.737	1995026	40.2897299	21	0		0	91
Unknown Alkane-2					CAS #:		
14.786	3535343	71.3965683	37	0		0	91
C14H30 Alkane					CAS #:		
14.926	3492846	70.5383221	36	0		0	91
Tetrahydrodimethylnaphthalene isomer-1					CAS #:		
15.261	1825073	36.8575183	19	0		0	91
Unknown Alkane-3					CAS #:		
15.328	2364956	47.7604883	25	0		0	91
Unknown					CAS #:		
15.450	2141969	43.2572547	22	0		0	91
Dimethylnaphthalene isomer					CAS #:		
15.511	1579331	31.8947234	16	0		0	91
C15H32 Alkane					CAS #:		
15.566	1045914	21.1223199	11	0		0	91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46732.d
Report Date: 30-Mar-2011 13:34

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Dimethylnaphthalene isomer-1					CAS #:		
15.633	1048780	21.1802111	11	0		0	91

QC Flag Legend

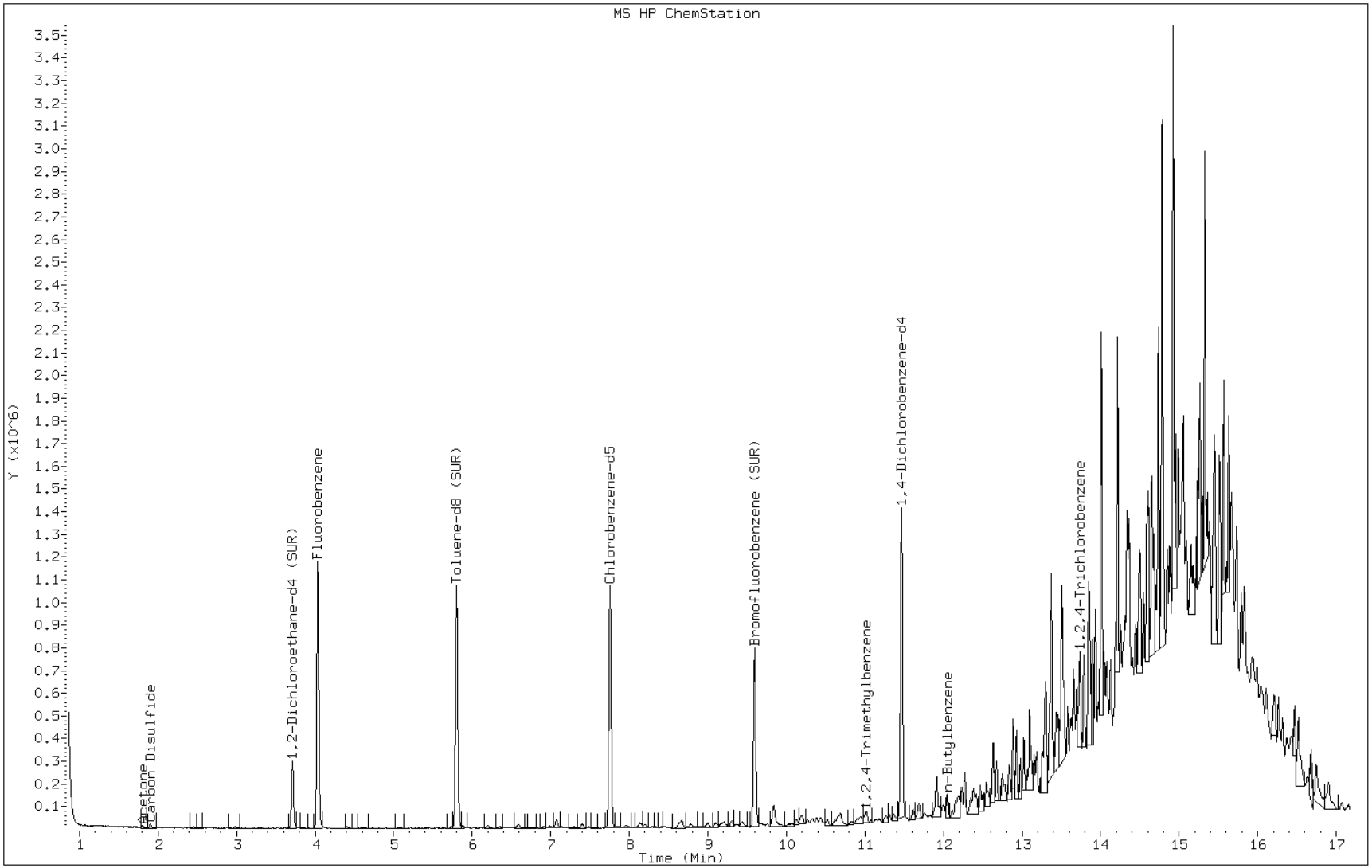
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: o46732.d

Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9



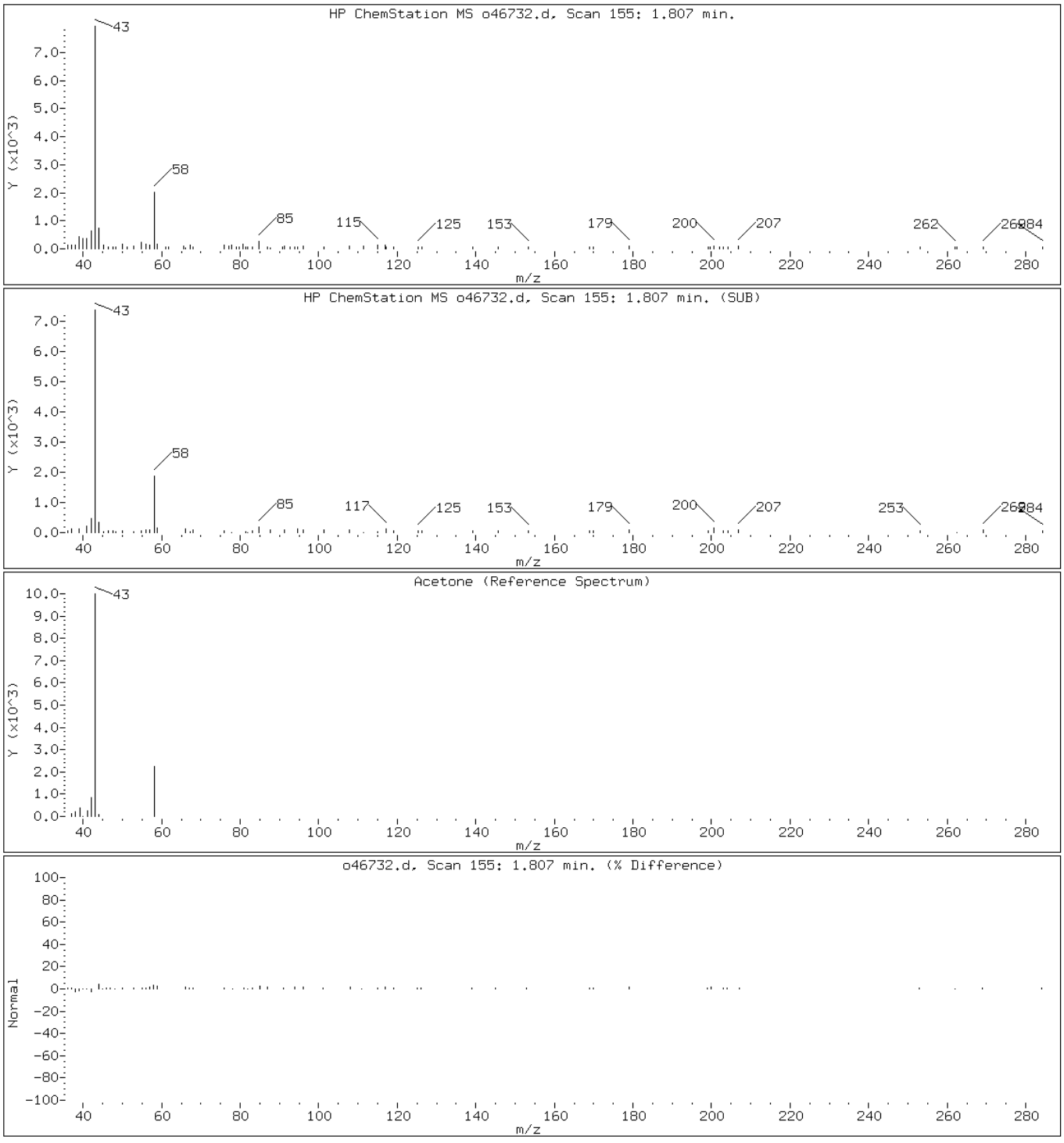
Data File: o46732.d

Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

7 Acetone



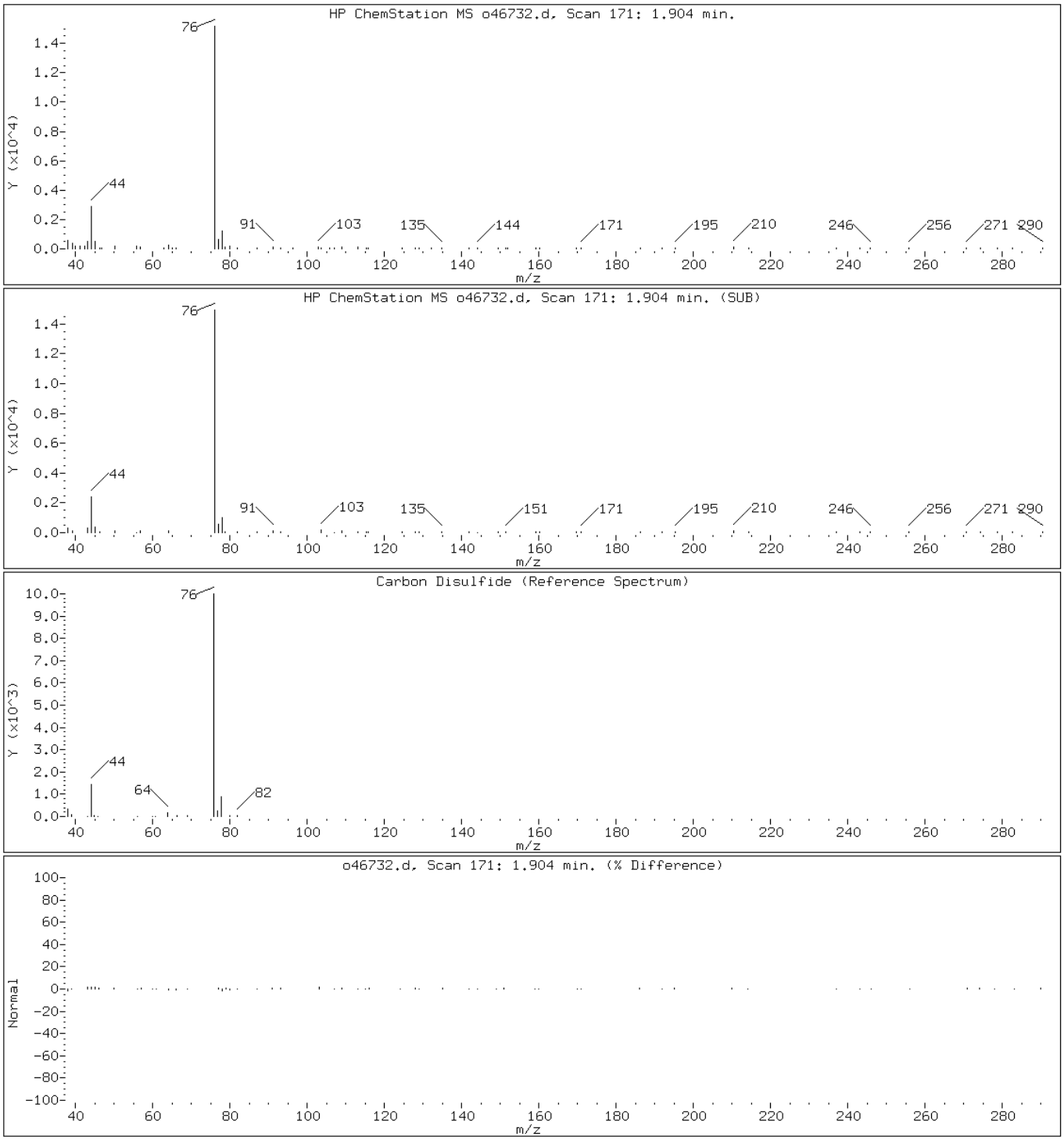
Data File: o46732.d

Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

8 Carbon Disulfide



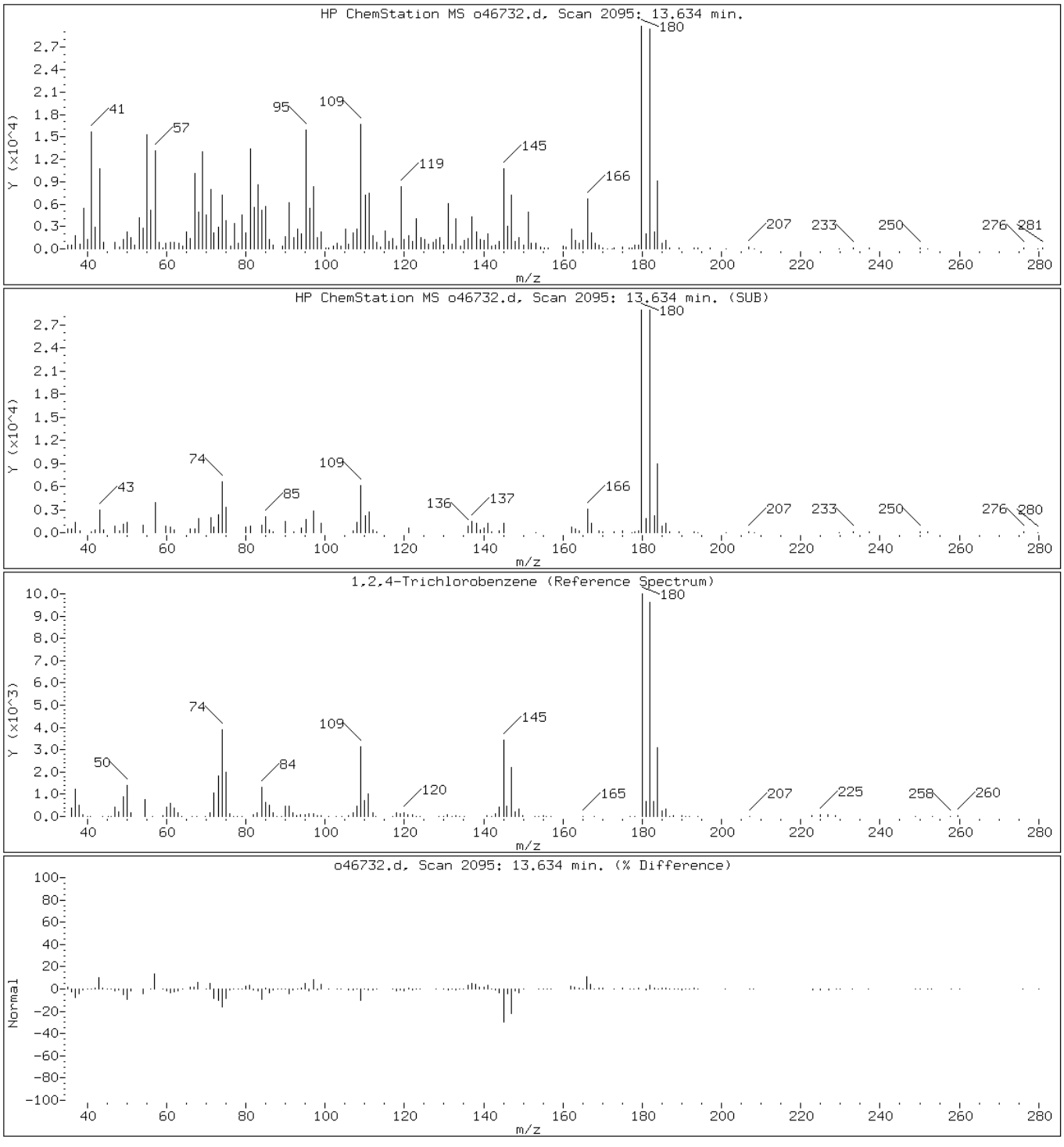
Data File: o46732.d

Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



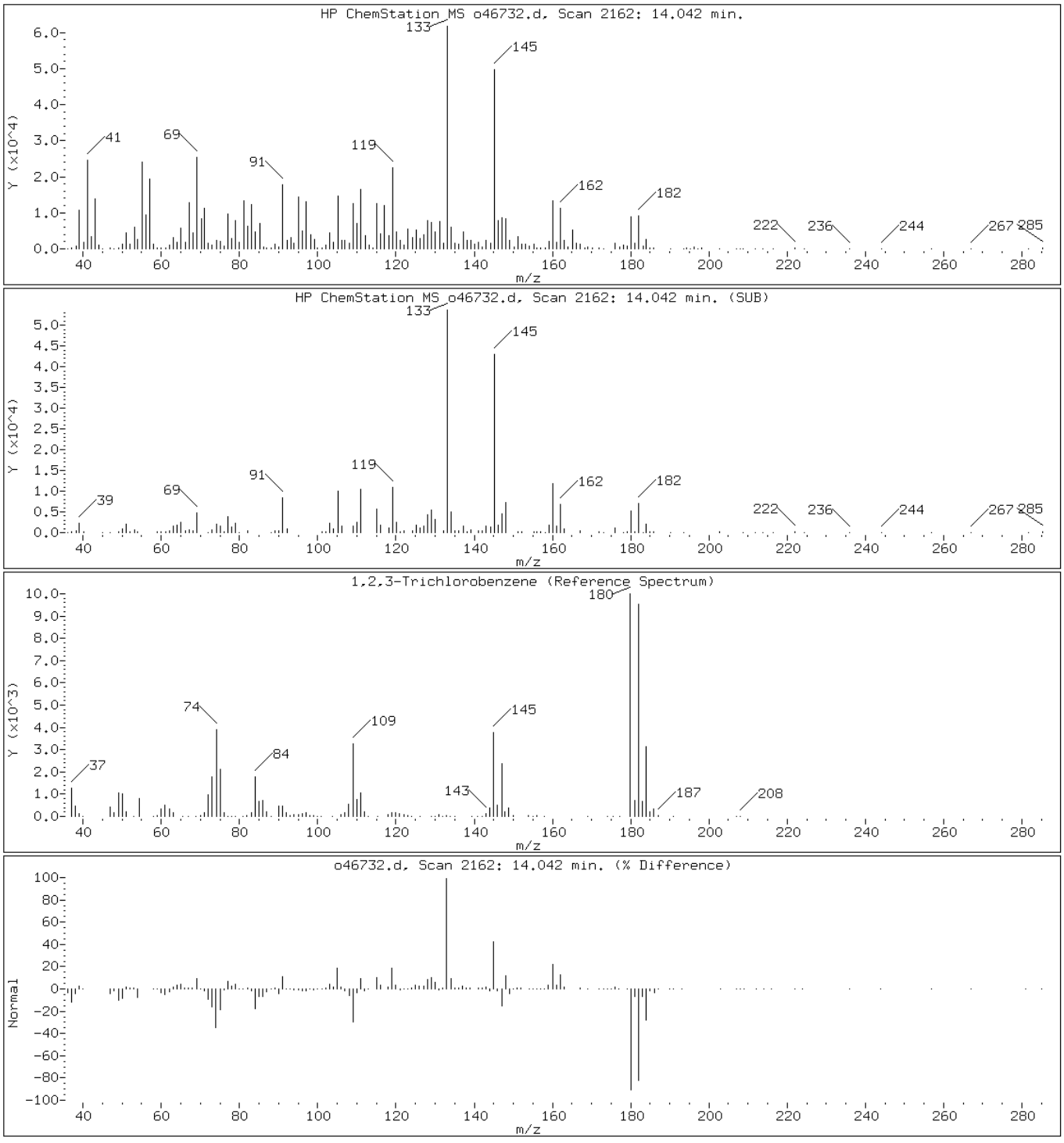
Data File: o46732.d

Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

98 1,2,3-Trichlorobenzene



Data File: o46732.d

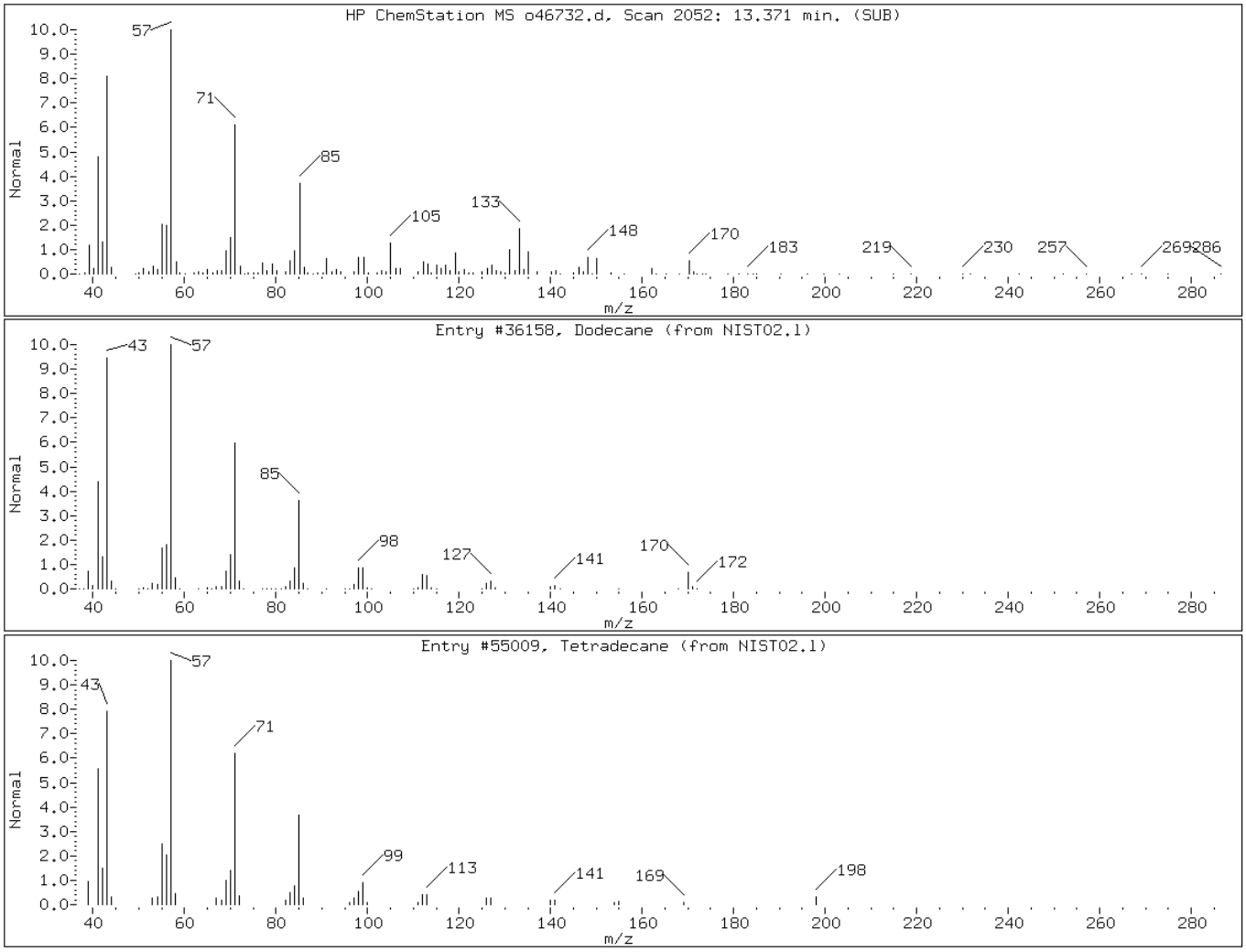
Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

Retention Time: 13.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36158	96	C12H26	170
Tetradecane	629-59-4	NIST02.l	55009	68	C14H30	198



Data File: o46732.d

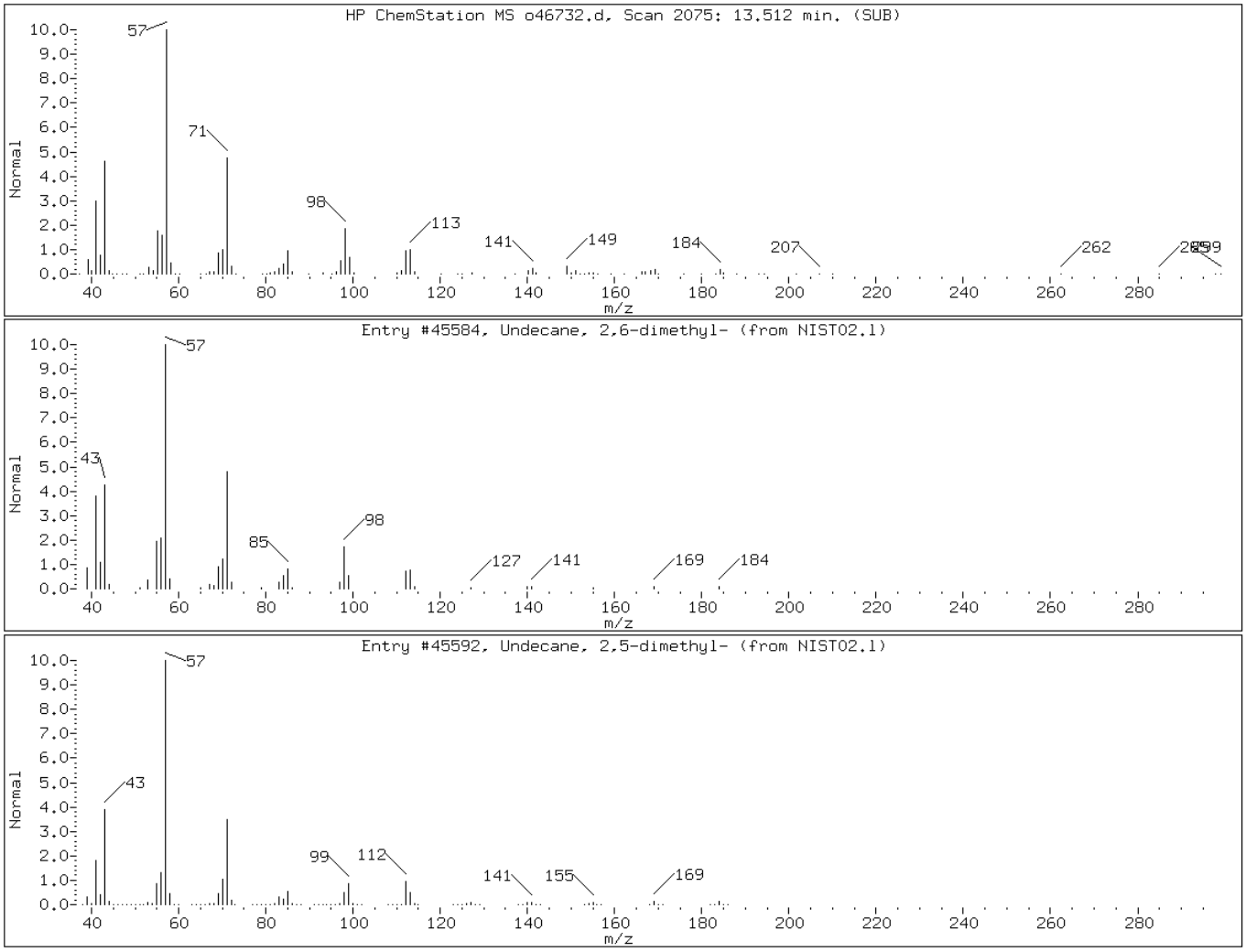
Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

Retention Time: 13.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	97	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	91	C13H28	184



Data File: o46732.d

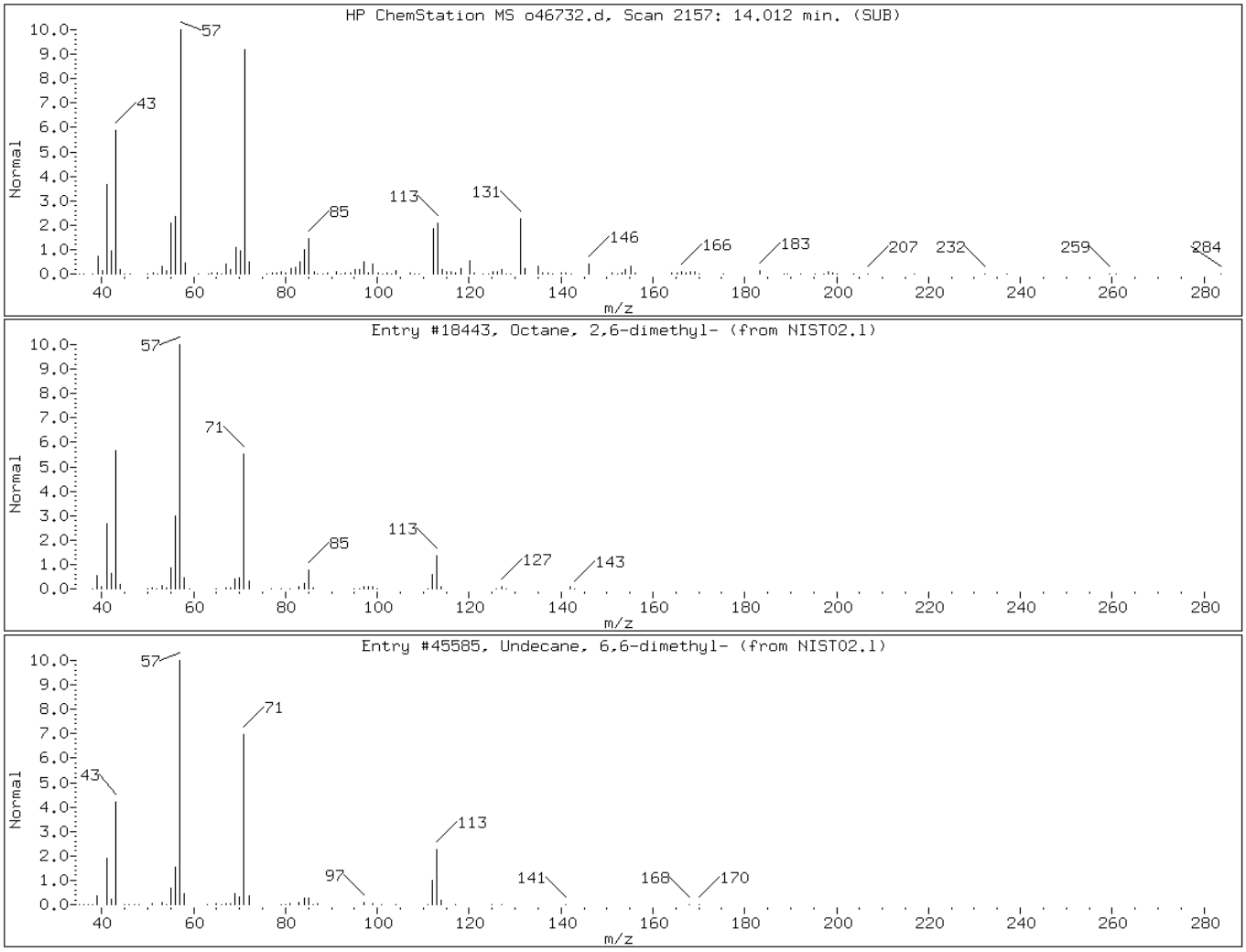
Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

Retention Time: 14.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	64	C10H22	142
Undecane, 6,6-dimethyl-	17312-76-4	NIST02.l	45585	53	C13H28	184



Data File: o46732.d

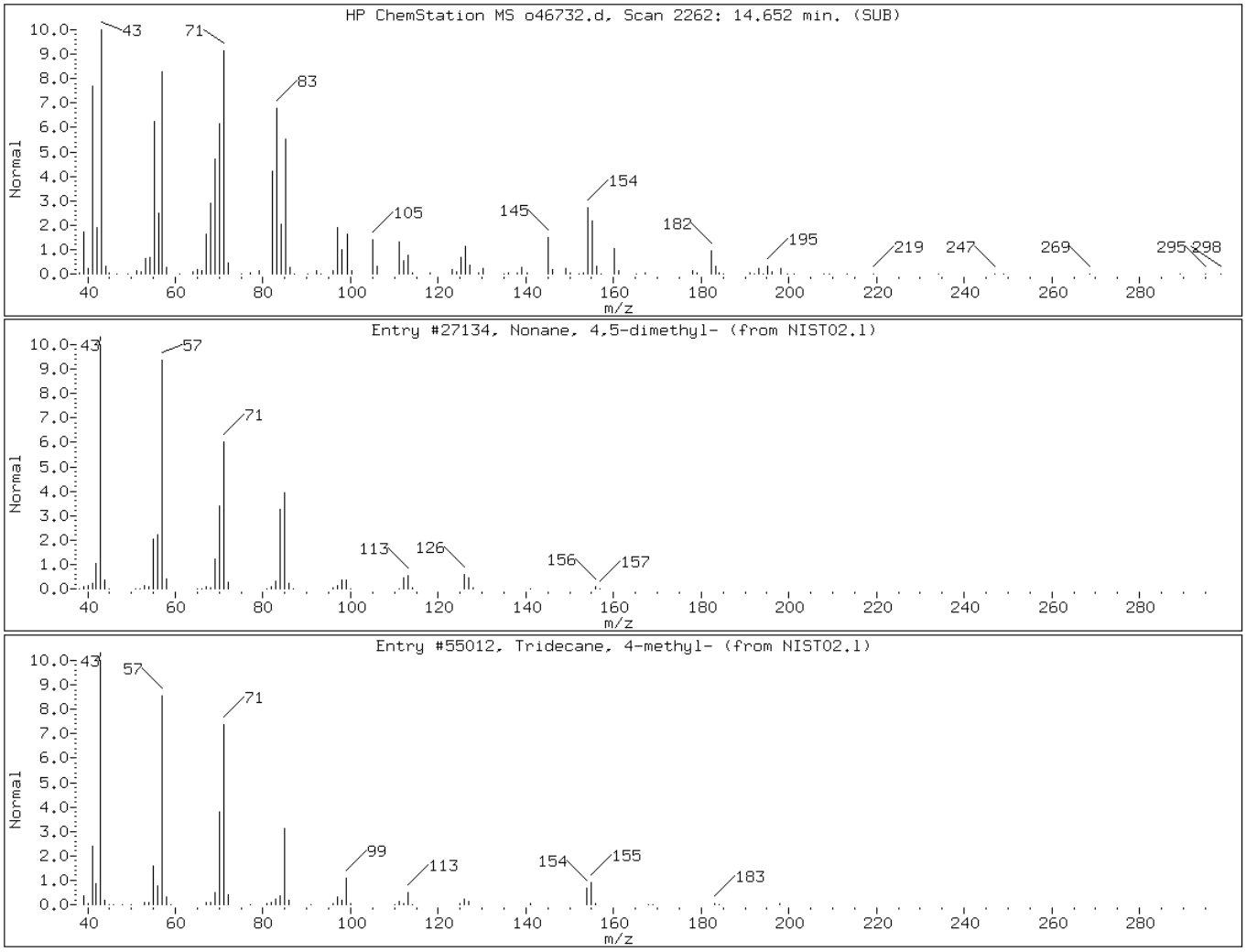
Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

Retention Time: 14.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Nonane, 4,5-dimethyl-	17302-23-7	NIST02.l	27134	43	C11H24	156
Tridecane, 4-methyl-	26730-12-1	NIST02.l	55012	38	C14H30	198



Data File: o46732.d

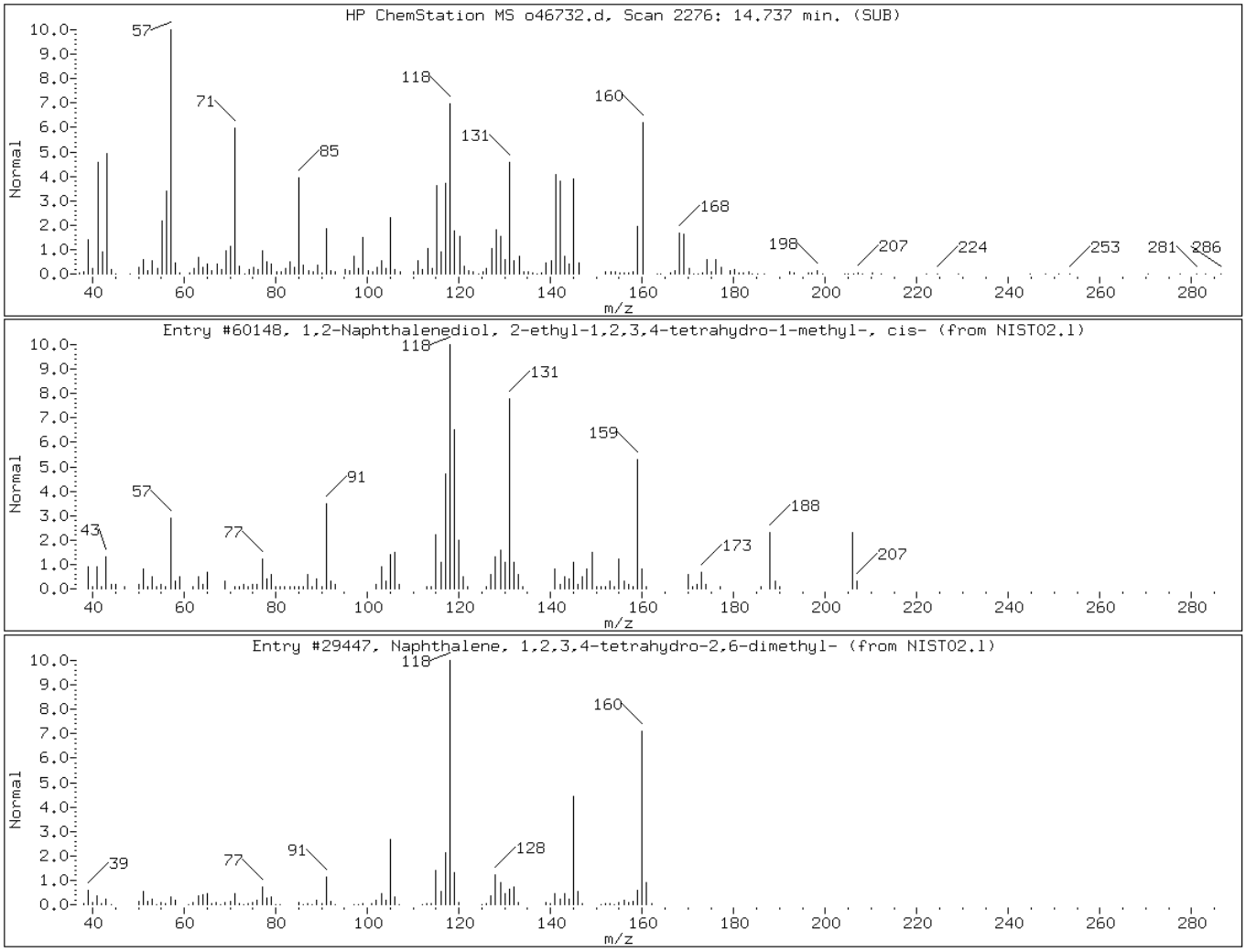
Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

Retention Time: 14.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
1,2-Naphthalenediol, 2-ethyl-1,2,3	56588-34-2	NIST02.l	60148	51	C13H18O2	206
Naphthalene, 1,2,3,4-tetrahydro-2,	7524-63-2	NIST02.l	29447	42	C12H16	160



Data File: o46732.d

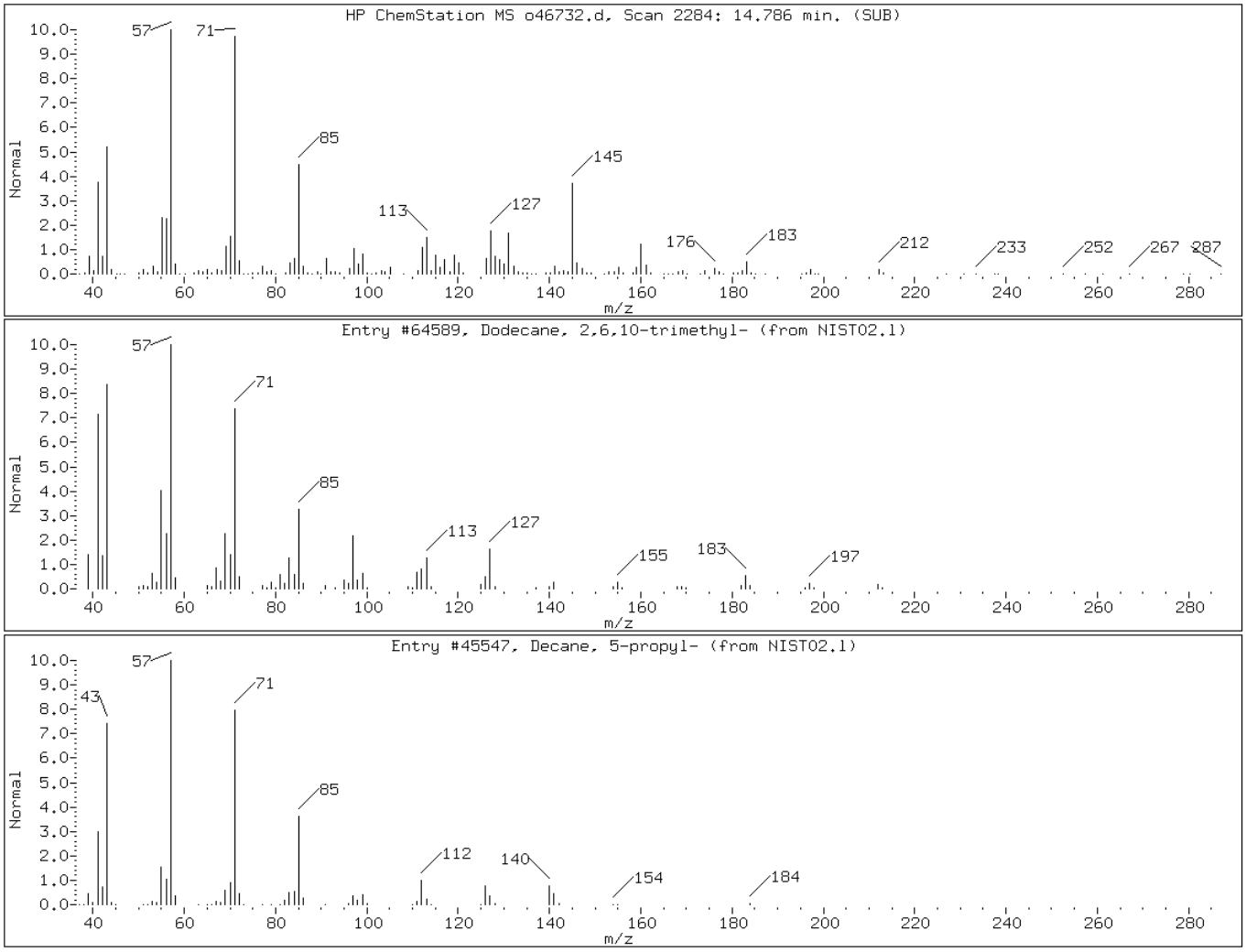
Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

Retention Time: 14.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64589	89	C15H32	212
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	58	C13H28	184



Data File: o46732.d

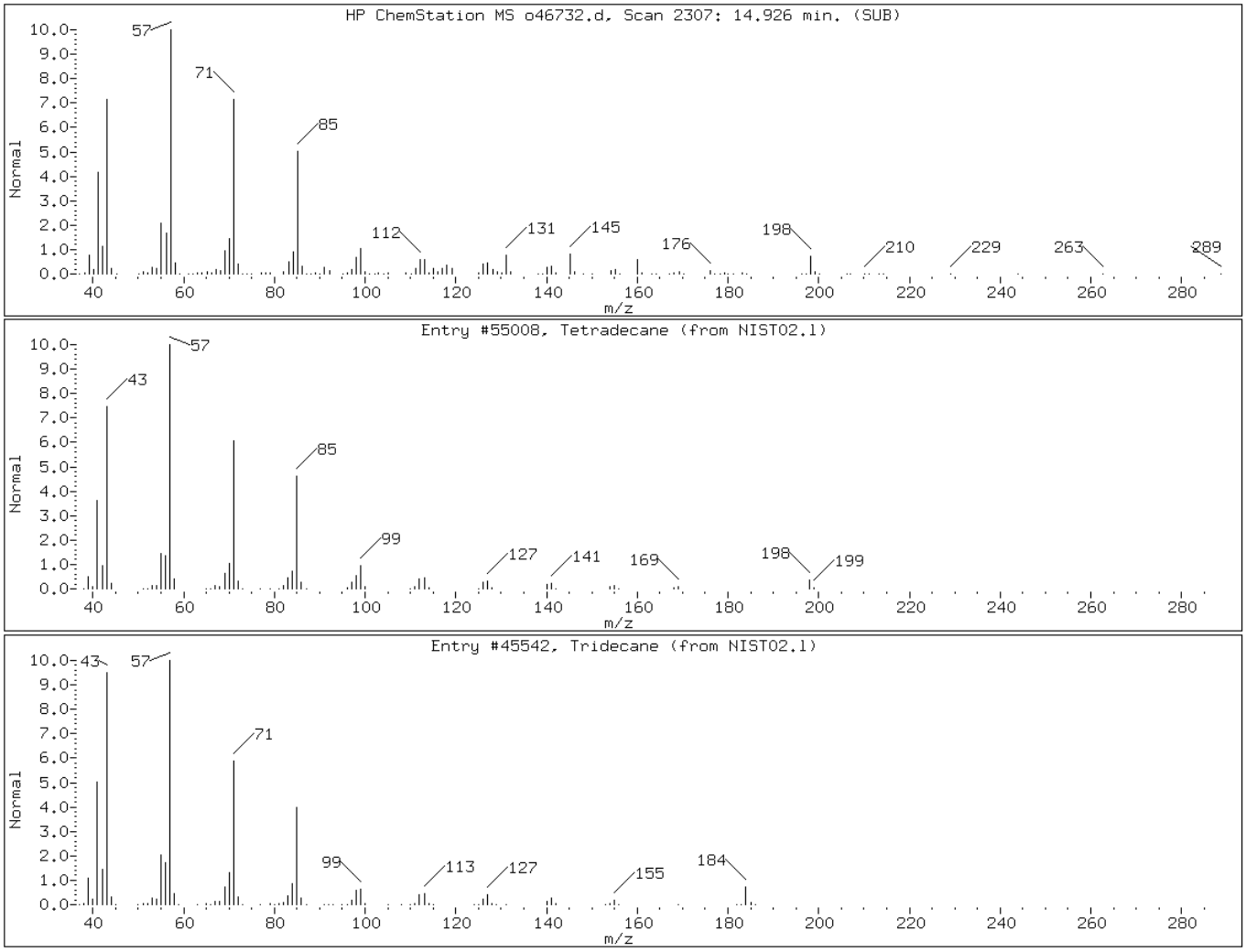
Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

Retention Time: 14.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tetradecane	629-59-4	NIST02.l	55008	95	C14H30	198
Tridecane	629-50-5	NIST02.l	45542	93	C13H28	184



Data File: o46732.d

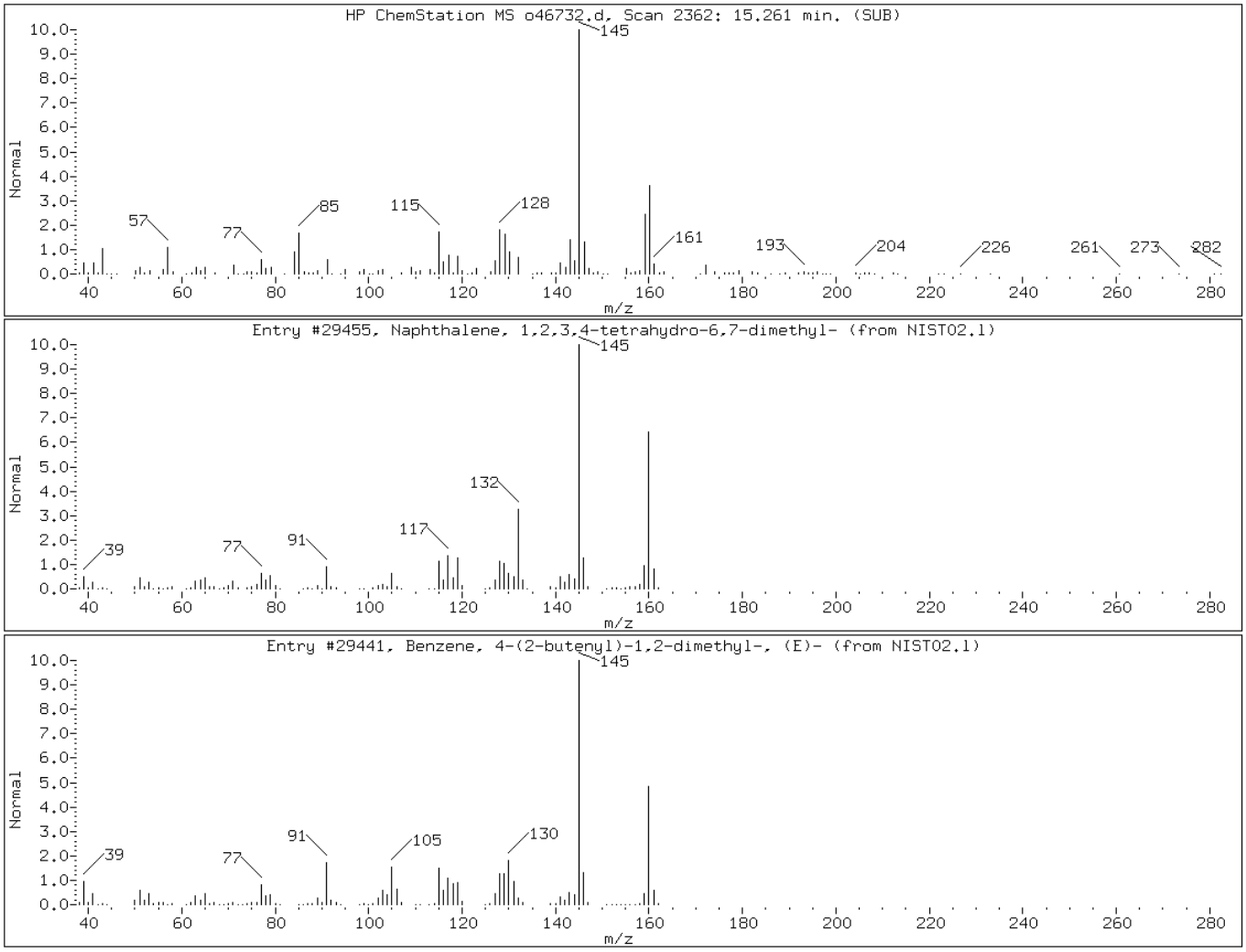
Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

Retention Time: 15.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
Naphthalene, 1,2,3,4-tetrahydro-6,	1076-61-5	NIST02.l	29455	76	C12H16	160
Benzene, 4-(2-butenyl)-1,2-dimethy	54340-86-2	NIST02.l	29441	76	C12H16	160



Data File: o46732.d

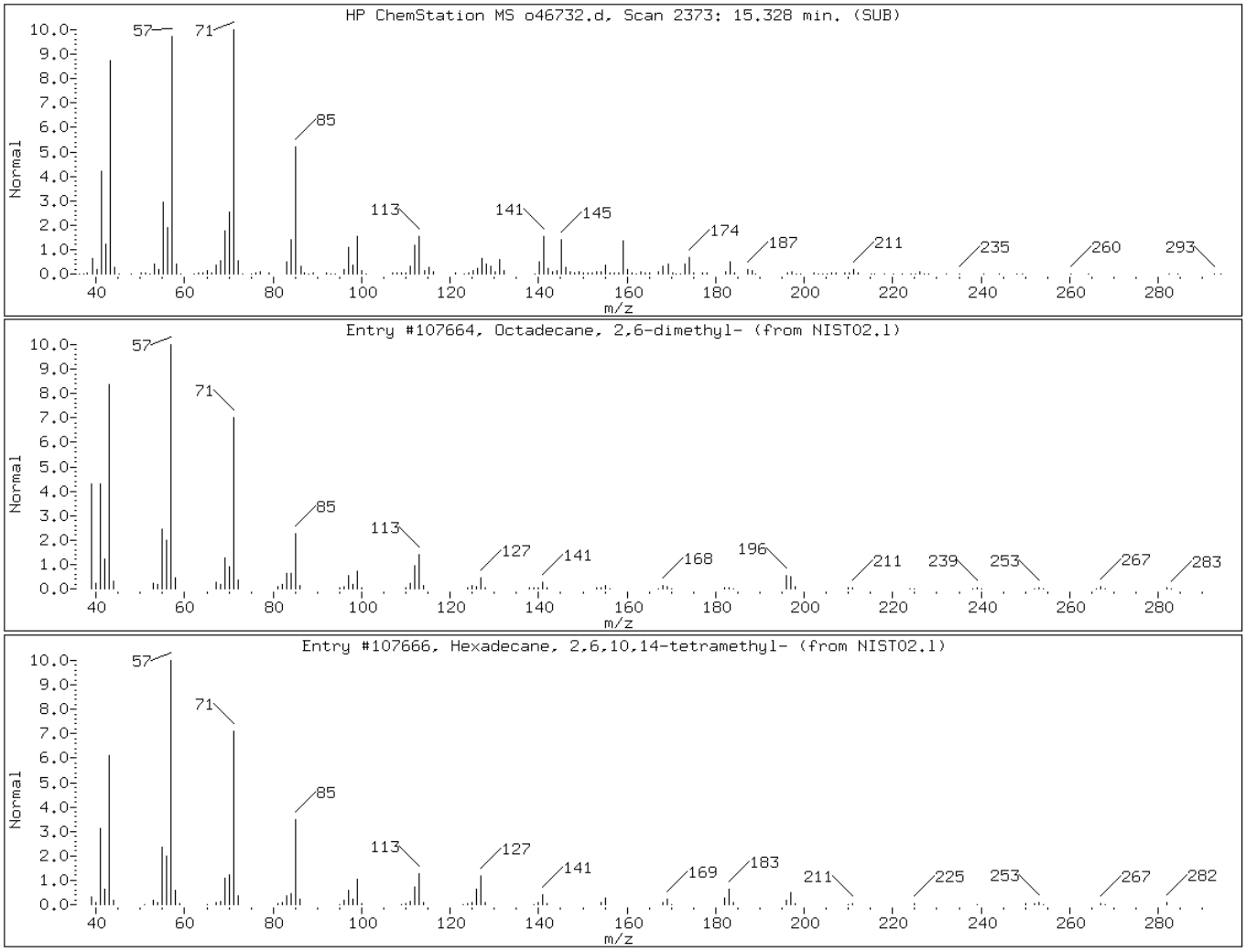
Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

Retention Time: 15.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.l	107664	94	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	87	C20H42	282



Data File: o46732.d

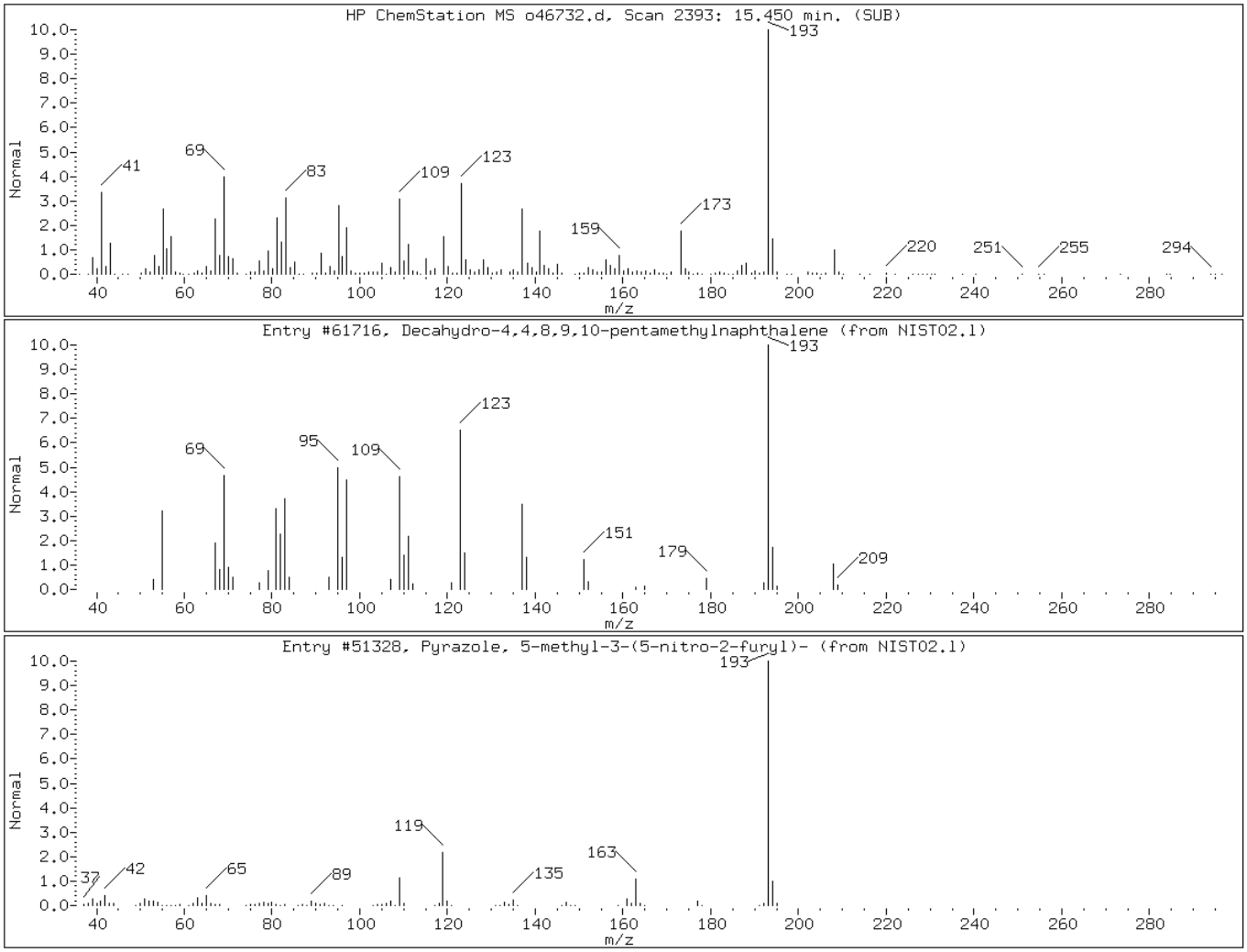
Date: 29-MAR-2011 09:52

Client ID: PMP-28-SI2-E (15-17 Instrument: VOAMS12.i

Sample Info: 460-24277-D-25-A;;;11.13;5 Operator: VOAMS 9

Retention Time: 15.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	43	C15H28	208
Pyrazole, 5-methyl-3-(5-nitro-2-fu	16239-90-0	NIST02.l	51328	38	C8H7N3O3	193



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-VD-E (3.5-4) | Lab Sample ID: 460-24277-26

Matrix: Solid | Lab File ID: j98664.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:30

Sample wt/vol: 4.49(g) | Date Analyzed: 03/25/2011 13:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 4.1 | Level: (low/med) Medium

Analysis Batch No.: 68512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	58	U	58	12
74-83-9	Bromomethane	58	U	58	18
75-01-4	Vinyl chloride	58	U	58	7.0
75-00-3	Chloroethane	58	U	58	26
75-09-2	Methylene Chloride	58	U	58	11
67-64-1	Acetone	580	U	580	140
75-15-0	Carbon disulfide	58	U	58	8.5
75-69-4	Trichlorofluoromethane	58	U	58	9.1
75-35-4	1,1-Dichloroethene	58	U	58	8.2
75-34-3	1,1-Dichloroethane	58	U	58	5.8
156-60-5	trans-1,2-Dichloroethene	58	U	58	8.0
156-59-2	cis-1,2-Dichloroethene	58	U	58	11
67-66-3	Chloroform	58	U	58	9.0
78-93-3	2-Butanone	580	U	580	48
107-06-2	1,2-Dichloroethane	58	U	58	14
71-55-6	1,1,1-Trichloroethane	58	U	58	14
56-23-5	Carbon tetrachloride	58	U	58	10
71-43-2	Benzene	58	U	58	6.9
75-25-2	Bromoform	58	U	58	5.8
100-42-5	Styrene	58	U	58	8.1
100-41-4	Ethylbenzene	58	U	58	14
108-90-7	Chlorobenzene	58	U	58	9.6
110-82-7	Cyclohexane	58	U	58	7.2
98-82-8	Isopropylbenzene	58	U	58	12
591-78-6	2-Hexanone	580	U	580	32
1634-04-4	MTBE	58	U	58	11
76-13-1	Freon TF	58	U	58	17
79-20-9	Methyl acetate	120	U	120	19
123-91-1	1,4-Dioxane	2900	U	2900	490
79-01-6	Trichloroethene	58	U	58	10
108-88-3	Toluene	58	U	58	5.5
10061-02-6	trans-1,3-Dichloropropene	58	U	58	7.1
108-10-1	4-Methyl-2-pentanone	580	U	580	40
10061-01-5	cis-1,3-Dichloropropene	58	U	58	5.9
95-50-1	1,2-Dichlorobenzene	58	U	58	9.5
541-73-1	1,3-Dichlorobenzene	58	U	58	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-VD-E (3.5-4) | Lab Sample ID: 460-24277-26

Matrix: Solid | Lab File ID: j98664.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:30

Sample wt/vol: 4.49(g) | Date Analyzed: 03/25/2011 13:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 4.1 | Level: (low/med) Medium

Analysis Batch No.: 68512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	58	U	58	8.8
120-82-1	1,2,4-Trichlorobenzene	58	U	58	25
87-61-6	1,2,3-Trichlorobenzene	58	U	58	48
78-87-5	1,2-Dichloropropane	58	U	58	5.1
108-87-2	Methylcyclohexane	58	U	58	4.7
127-18-4	Tetrachloroethene	58	U	58	11
1330-20-7	Xylenes, Total	170	U	170	25
96-12-8	1,2-Dibromo-3-Chloropropane	58	U	58	8.9
79-34-5	1,1,2,2-Tetrachloroethane	58	U	58	5.0
79-00-5	1,1,2-Trichloroethane	58	U	58	5.7
124-48-1	Dibromochloromethane	58	U	58	5.8
106-93-4	1,2-Dibromoethane	58	U	58	5.3
75-71-8	Dichlorodifluoromethane	58	U	58	16
74-97-5	Bromochloromethane	58	U	58	10
75-27-4	Bromodichloromethane	58	U	58	5.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		57-135
2037-26-5	Toluene-d8 (Surr)	85		46-130
460-00-4	Bromofluorobenzene	108		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-VD-E (3.5-4) Lab Sample ID: 460-24277-26

Matrix: Solid Lab File ID: j98664.d

Analysis Method: 8260B Date Collected: 03/18/2011 12:30

Sample wt/vol: 4.49(g) Date Analyzed: 03/25/2011 13:23

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 4.1 Level: (low/med) Medium

Analysis Batch No.: 68512 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 460

CAS NO.	COMPOUND NAME	RT	RESULT	Q
15402-84-3	2-Amino-1-(o-methoxyphenyl)propane	2.39	460	J N

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98664.d
Report Date: 25-Mar-2011 13:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98664.d
Lab Smp Id: 460-24277-B-26-A Client Smp ID: PMP-17-VD-E (3.5-4)
Inj Date : 25-MAR-2011 13:23
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-26-A;50;;4.49;5
Misc Info : 460-24277-B-26-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/8260_09.m
Meth Date : 25-Mar-2011 10:53 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 6
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.49000	Weight of sample extracted (g)
M	4.10959	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.450	7.440	(0.948)	383481	45.7298	2600
* 52 Fluorobenzene	96	7.858	7.857	(1.000)	1322672	50.0000	
$ 65 Toluene-d8 (SUR)	98	9.725	9.730	(0.858)	957454	42.2948	2400
* 78 Chlorobenzene-d5	117	11.333	11.326	(1.000)	968162	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	12.535	12.526	(0.911)	560377	54.0308	3100
* 108 1,4-Dichlorobenzene-d4	152	13.766	13.761	(1.000)	546579	50.0000	

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98664.d
Report Date: 25-Mar-2011 13:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98664.d
Lab Smp Id: 460-24277-B-26-A Client Smp ID: PMP-17-VD-E (3.5-4)
Inj Date : 25-MAR-2011 13:23
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-26-A;50;;4.49;5
Misc Info : 460-24277-B-26-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/8260_09.m
Meth Date : 25-Mar-2011 10:53 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 6
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	4.49000	Weight of sample extracted (g)
M	4.10959	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Fluorobenzene	7.858	2861269	50.000

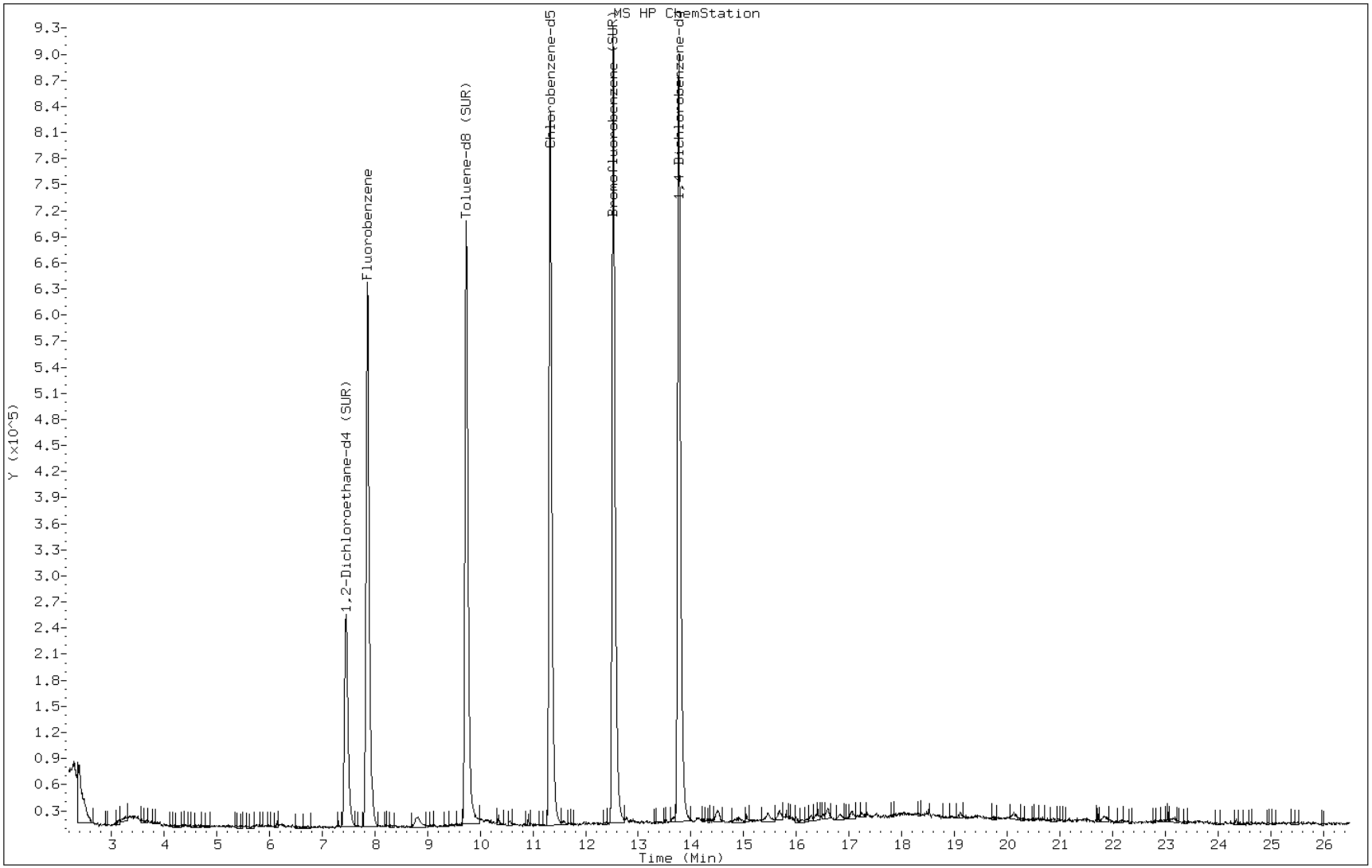
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Amino-1-(o-methoxyphenyl)propane				CAS #: 15402-84-3			
2.386	456469	7.97669025	460	50	NIST02.l	32523	52

Data File: j98664.d

Date: 25-MAR-2011 13:23

Client ID: PMP-17-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-26-A;50;;4.49;5 Operator:



Data File: j98664.d

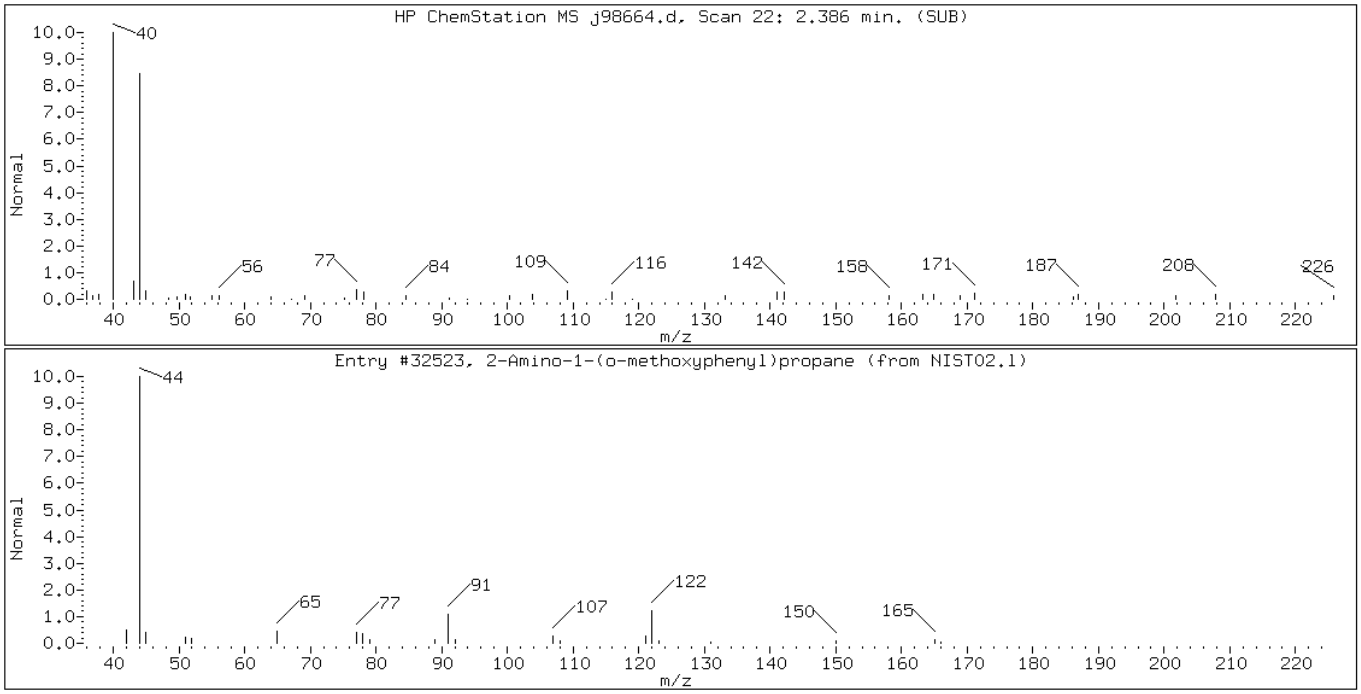
Date: 25-MAR-2011 13:23

Client ID: PMP-17-VD-E (3.5-4) Instrument: VOAMS8.i

Sample Info: 460-24277-B-26-A;50;;4.49;5 Operator:

Retention Time: 2.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Amino-1-(o-methoxyphenyl)propane	15402-84-3	NIST02.l	32523	50	C10H15NO	165



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-WT-E (8-8.5) | Lab Sample ID: 460-24277-27

Matrix: Solid | Lab File ID: j98783.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:35

Sample wt/vol: 5.53(g) | Date Analyzed: 03/31/2011 12:16

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.0 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	51	U	51	11
74-83-9	Bromomethane	51	U	51	16
75-01-4	Vinyl chloride	51	U	51	6.1
75-00-3	Chloroethane	51	U	51	23
75-09-2	Methylene Chloride	51	U	51	9.8
67-64-1	Acetone	510	U	510	130
75-15-0	Carbon disulfide	51	U	51	7.4
75-69-4	Trichlorofluoromethane	51	U	51	8.0
75-35-4	1,1-Dichloroethene	51	U	51	7.1
75-34-3	1,1-Dichloroethane	51	U	51	5.1
156-60-5	trans-1,2-Dichloroethene	51	U	51	7.0
156-59-2	cis-1,2-Dichloroethene	51	U	51	9.8
67-66-3	Chloroform	51	U	51	7.9
78-93-3	2-Butanone	510	U	510	42
107-06-2	1,2-Dichloroethane	51	U	51	13
71-55-6	1,1,1-Trichloroethane	51	U	51	13
56-23-5	Carbon tetrachloride	51	U	51	9.1
71-43-2	Benzene	51	U	51	6.0
75-25-2	Bromoform	51	U	51	5.0
100-42-5	Styrene	51	U	51	7.1
100-41-4	Ethylbenzene	51	U	51	13
108-90-7	Chlorobenzene	51	U	51	8.4
110-82-7	Cyclohexane	51	U	51	6.3
98-82-8	Isopropylbenzene	24	J	51	11
591-78-6	2-Hexanone	510	U	510	28
1634-04-4	MTBE	51	U	51	9.4
76-13-1	Freon TF	51	U	51	15
79-20-9	Methyl acetate	100	U	100	17
123-91-1	1,4-Dioxane	2500	U	2500	430
79-01-6	Trichloroethene	51	U	51	9.0
108-88-3	Toluene	51	U	51	4.8
10061-02-6	trans-1,3-Dichloropropene	51	U	51	6.2
108-10-1	4-Methyl-2-pentanone	510	U	510	35
10061-01-5	cis-1,3-Dichloropropene	51	U	51	5.2
95-50-1	1,2-Dichlorobenzene	51	U	51	8.3
541-73-1	1,3-Dichlorobenzene	51	U	51	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-WT-E (8-8.5) | Lab Sample ID: 460-24277-27

Matrix: Solid | Lab File ID: j98783.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:35

Sample wt/vol: 5.53(g) | Date Analyzed: 03/31/2011 12:16

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.0 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	51	U	51	7.7
120-82-1	1,2,4-Trichlorobenzene	900		51	22
87-61-6	1,2,3-Trichlorobenzene	51	U	51	42
78-87-5	1,2-Dichloropropane	51	U	51	4.4
108-87-2	Methylcyclohexane	51	U	51	4.1
127-18-4	Tetrachloroethene	53		51	10
1330-20-7	Xylenes, Total	140	J	150	22
96-12-8	1,2-Dibromo-3-Chloropropane	51	U	51	7.8
79-34-5	1,1,2,2-Tetrachloroethane	51	U	51	4.4
79-00-5	1,1,2-Trichloroethane	51	U	51	4.9
124-48-1	Dibromochloromethane	51	U	51	5.1
106-93-4	1,2-Dibromoethane	51	U	51	4.6
75-71-8	Dichlorodifluoromethane	51	U	51	14
74-97-5	Bromochloromethane	51	U	51	8.8
75-27-4	Bromodichloromethane	51	U	51	4.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		57-135
2037-26-5	Toluene-d8 (Surr)	82		46-130
460-00-4	Bromofluorobenzene	110		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-WT-E (8-8.5) Lab Sample ID: 460-24277-27

Matrix: Solid Lab File ID: j98783.d

Analysis Method: 8260B Date Collected: 03/18/2011 12:35

Sample wt/vol: 5.53(g) Date Analyzed: 03/31/2011 12:16

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.0 Level: (low/med) Medium

Analysis Batch No.: 69045 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 82700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Coeluting Unknowns	12.91	7000	J
	C10H14 Aromatic/Unknown	13.62	5700	J
	Decahydronaphthalene isomer	14.21	11000	J
	Ethyldimethylbenzene isomer-1	14.56	4100	J
	Coeluting Aromatics	14.77	11000	J
	Decahydromethylnaphthalene isomer	14.99	7400	J
	Decahydromethylnaphthalene isomer-1	15.27	9000	J
	C10H14 Aromatic-1	15.74	6500	J
	2,3-dihydro-dimethyl-1H-Indene isomer	16.49	10000	J
	Unknown Aromatic-3	17.06	11000	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98783.d
Report Date: 31-Mar-2011 15:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98783.d
Lab Smp Id: 460-24277-B-27-A Client Smp ID: PMP-17-WT-E (8-8.5)
Inj Date : 31-MAR-2011 12:16
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-27-A;50;;5.53;5
Misc Info : 460-24277-B-27-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 7
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.53000	Weight of sample extracted (g)
M	11.00124	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.496	7.470	(0.948)	367490	45.4193	2300
* 52 Fluorobenzene	96	7.908	7.874	(1.000)	1276182	50.0000	
$ 65 Toluene-d8 (SUR)	98	9.769	9.748	(0.860)	933308	40.8984	2100
71 Tetrachloroethene	166	10.447	10.435	(0.920)	11983	1.04144	53
* 78 Chlorobenzene-d5	117	11.361	11.348	(1.000)	975968	50.0000	
84 o-Xylene	106	12.017	11.999	(1.058)	35128	2.76398	140
88 Isopropylbenzene	105	12.372	12.356	(1.089)	13350	0.46738	24(a)
$ 89 Bromofluorobenzene (SUR)	174	12.556	12.549	(0.910)	544296	55.1403	2800
97 1,3,5-Trimethylbenzene	105	12.955	12.944	(0.939)	481310	23.1662	1200
101 1,2,4-Trimethylbenzene	105	13.367	13.353	(0.969)	427985	18.6558	950
* 108 1,4-Dichlorobenzene-d4	152	13.799	13.784	(1.000)	520211	50.0000	
114 1,2,4-Trichlorobenzene	180	16.431	16.409	(1.191)	174738	17.7201	900
M 121 Xylene (Total)	100				35128	2.76398	140

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98783.d
Report Date: 31-Mar-2011 15:28

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98783.d
Report Date: 31-Mar-2011 15:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98783.d
Lab Smp Id: 460-24277-B-27-A Client Smp ID: PMP-17-WT-E (8-8.5)
Inj Date : 31-MAR-2011 12:16
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-27-A;50;;5.53;5
Misc Info : 460-24277-B-27-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 7
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.53000	Weight of sample extracted (g)
M	11.00124	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.361	3252535	50.000
* 108 1,4-Dichlorobenzene-d4	13.799	4017047	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
12.206	3685404	56.6543239	2900	0	0		78
Coeluting Unknowns					CAS #:		
12.910	11004057	136.966989	7000	0	0		108(L)

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98783.d
Report Date: 31-Mar-2011 15:28

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylmethylbenzene isomer					CAS #:		
13.202	4101829	51.0552736	2600	0		0	108
C10H14 Aromatic/Unknown					CAS #:		
13.620	9085096	113.081769	5700	0		0	108
Decahydronaphthalene isomer					CAS #:		
14.212	18128958	225.650295	11000	0		0	108
Methylpropylbenzene isomer					CAS #:		
14.384	4250543	52.9063055	2700	0		0	108
C10H14 Aromatic					CAS #:		
14.474	3392953	42.2319249	2100	0		0	108
Ethyldimethylbenzene isomer-1					CAS #:		
14.557	6522005	81.1790903	4100	0		0	108
Coeluting Aromatics					CAS #:		
14.770	17441427	217.092630	11000	0		0	108
Decahydromethylnaphthalene isomer					CAS #:		
14.991	11625576	144.702996	7400	0		0	108
Decahydromethylnaphthalene isomer-1					CAS #:		
15.274	14268586	177.600426	9000	0		0	108
Unknown Alkane/C11H14 Aromatic					CAS #:		
15.484	4653510	57.9220191	2900	0		0	108
C10H14 Aromatic-1					CAS #:		
15.740	10333235	128.617289	6500	0		0	108
Coeluting Aromatics-1					CAS #:		
16.250	3934125	48.9678691	2500	0		0	108
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
16.486	15940002	198.404464	10000	0		0	108(L)
Unknown-1					CAS #:		
16.847	5116147	63.6804475	3200	0		0	108
Unknown Aromatic-3					CAS #:		
17.057	17358916	216.065614	11000	0		0	108

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98783.d
Report Date: 31-Mar-2011 15:28

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
2,3-dihydro-dimethyl-1H-Indene isomer-1					CAS #:		
17.820	4090756	50.9174462	2600	0		0	108

QC Flag Legend

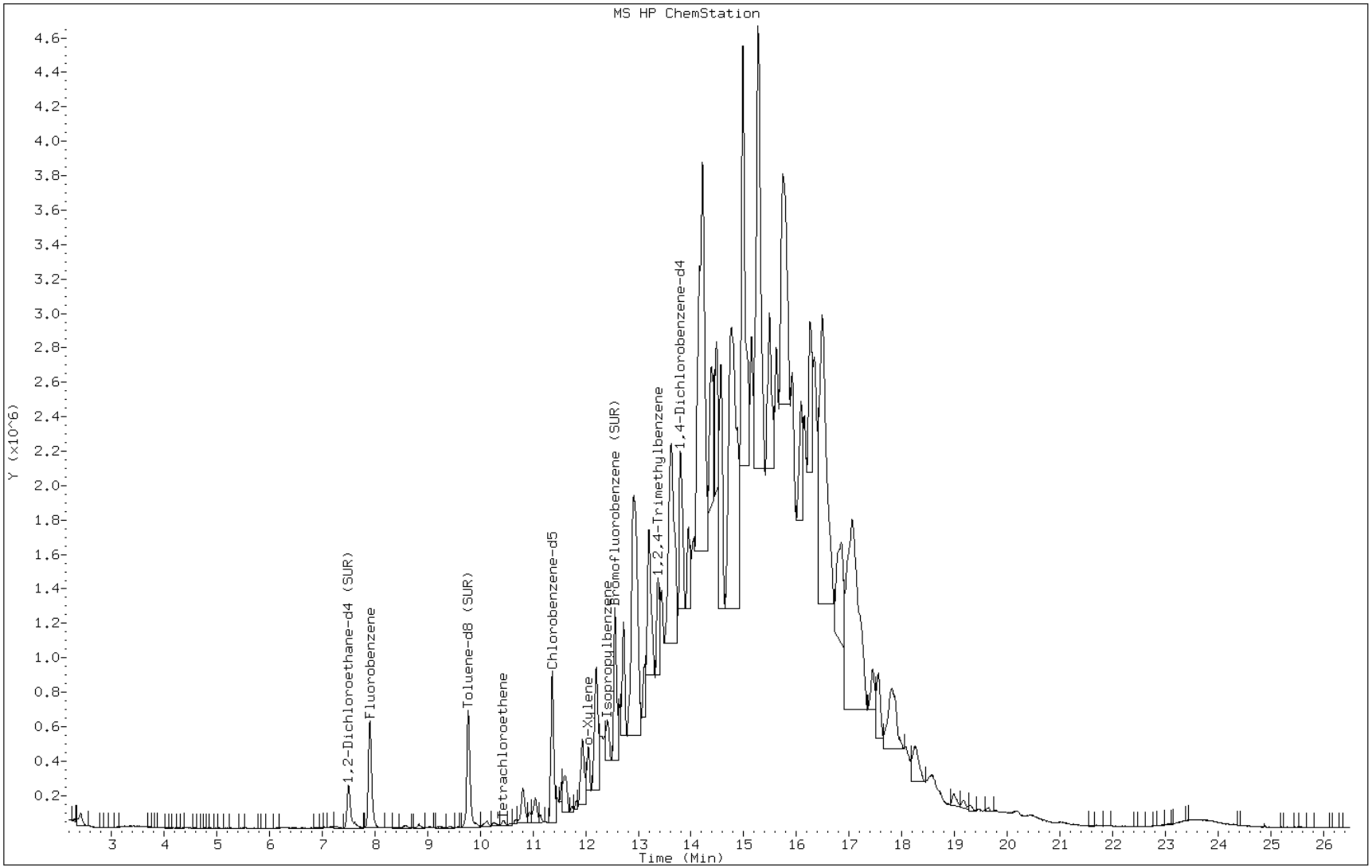
L - Operator selected an alternate library search match.

Data File: j98783.d

Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:



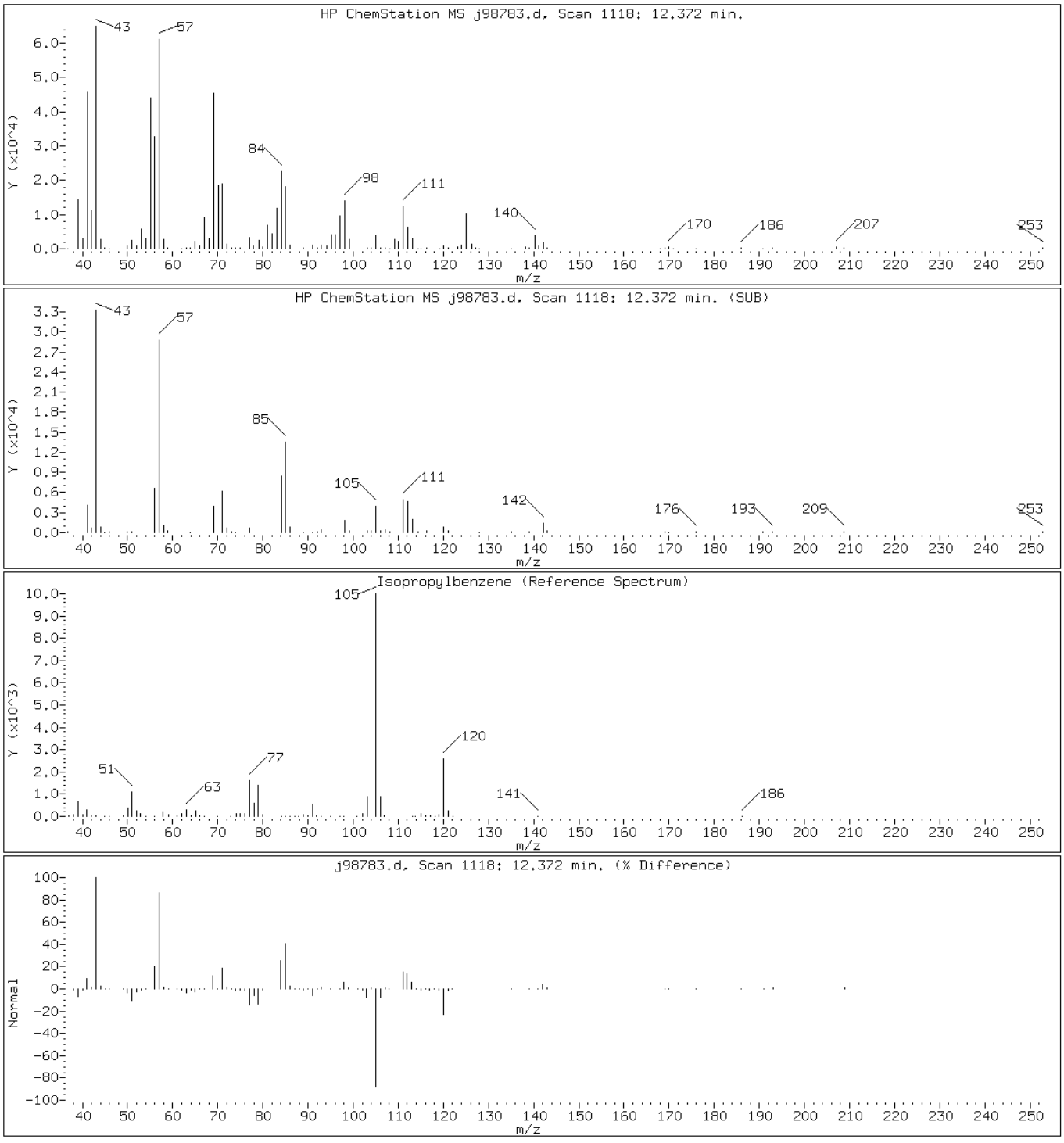
Data File: j98783.d

Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

88 Isopropylbenzene



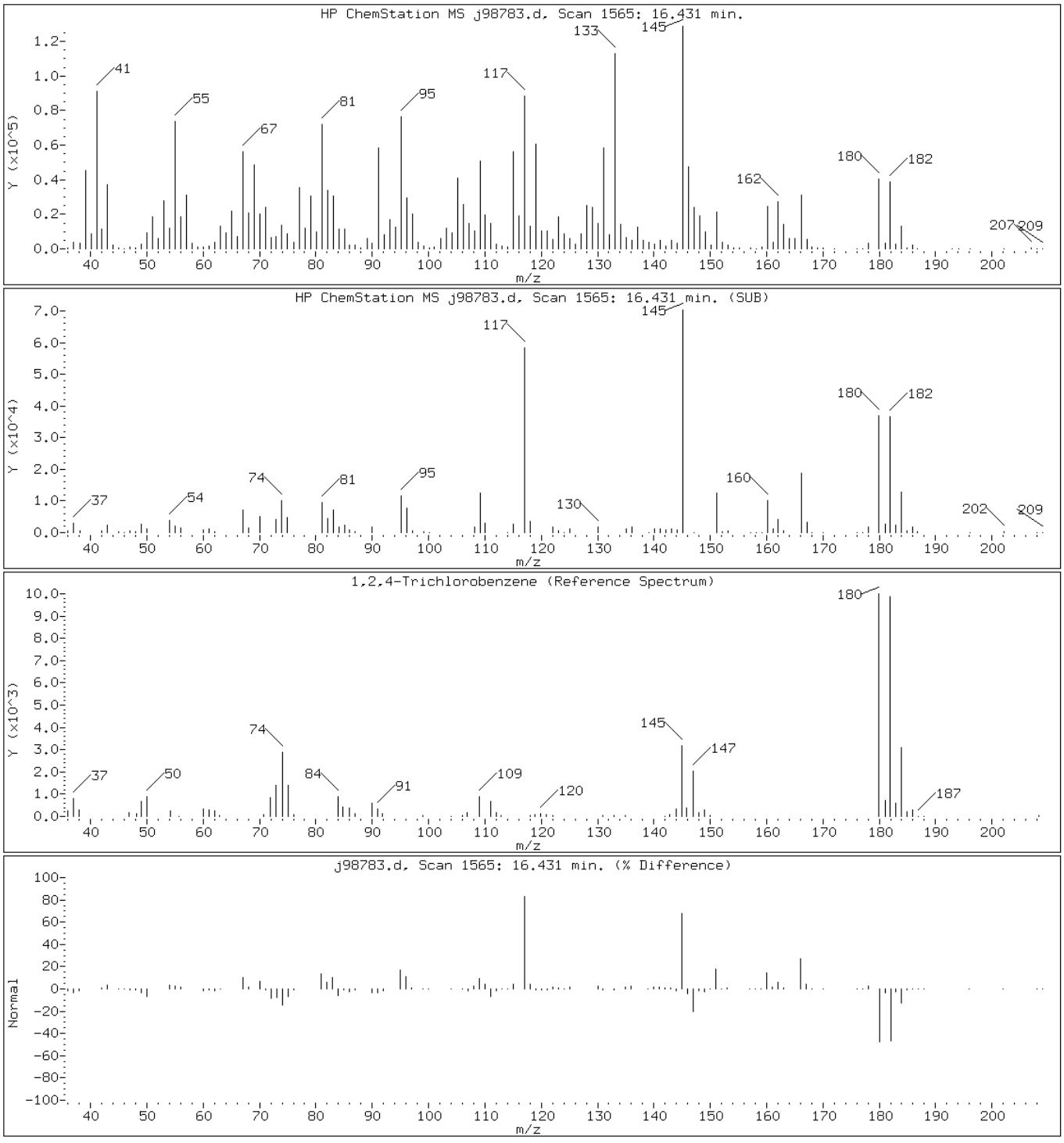
Data File: j98783.d

Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

114 1,2,4-Trichlorobenzene



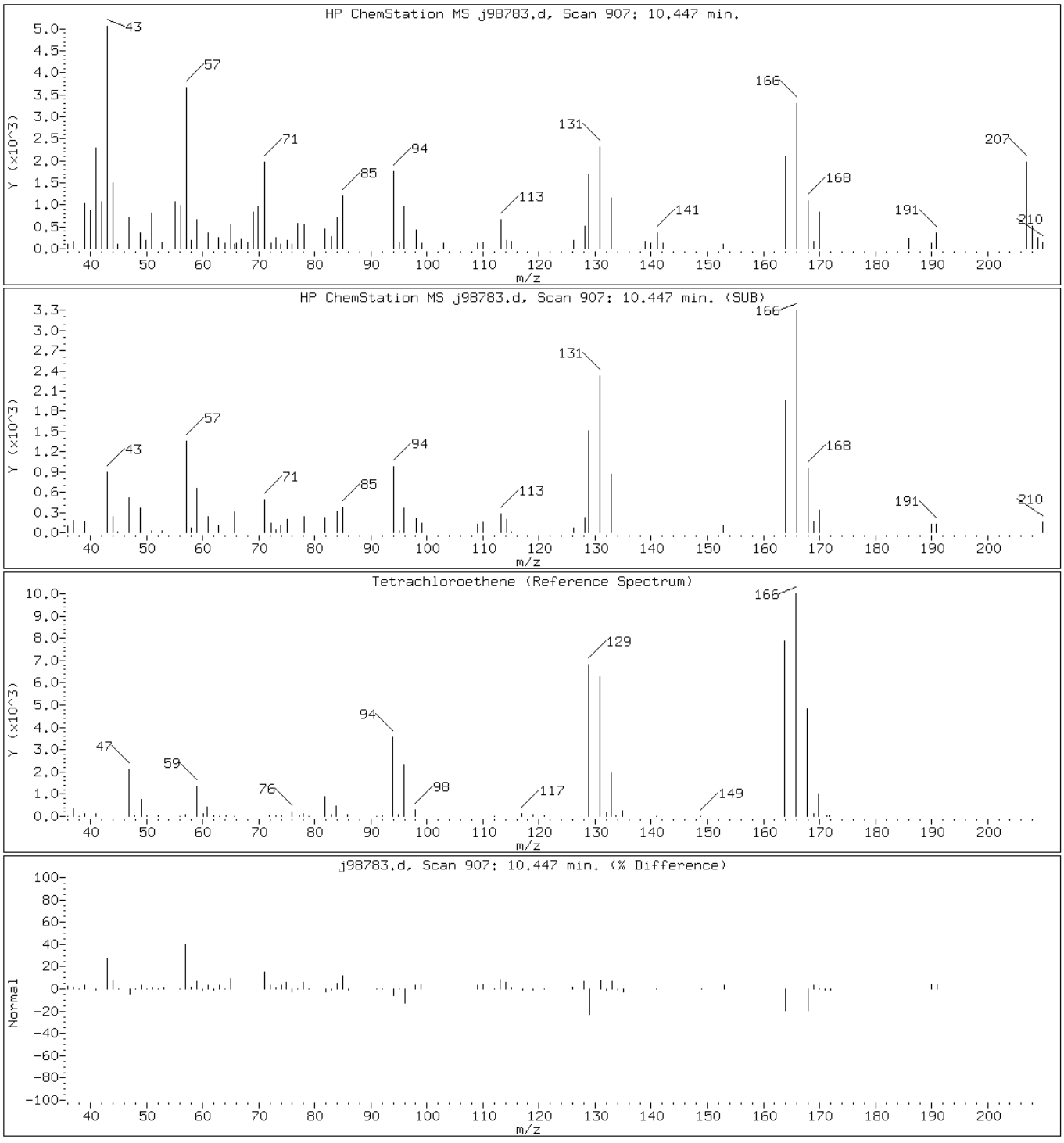
Data File: j98783.d

Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

71 Tetrachloroethene



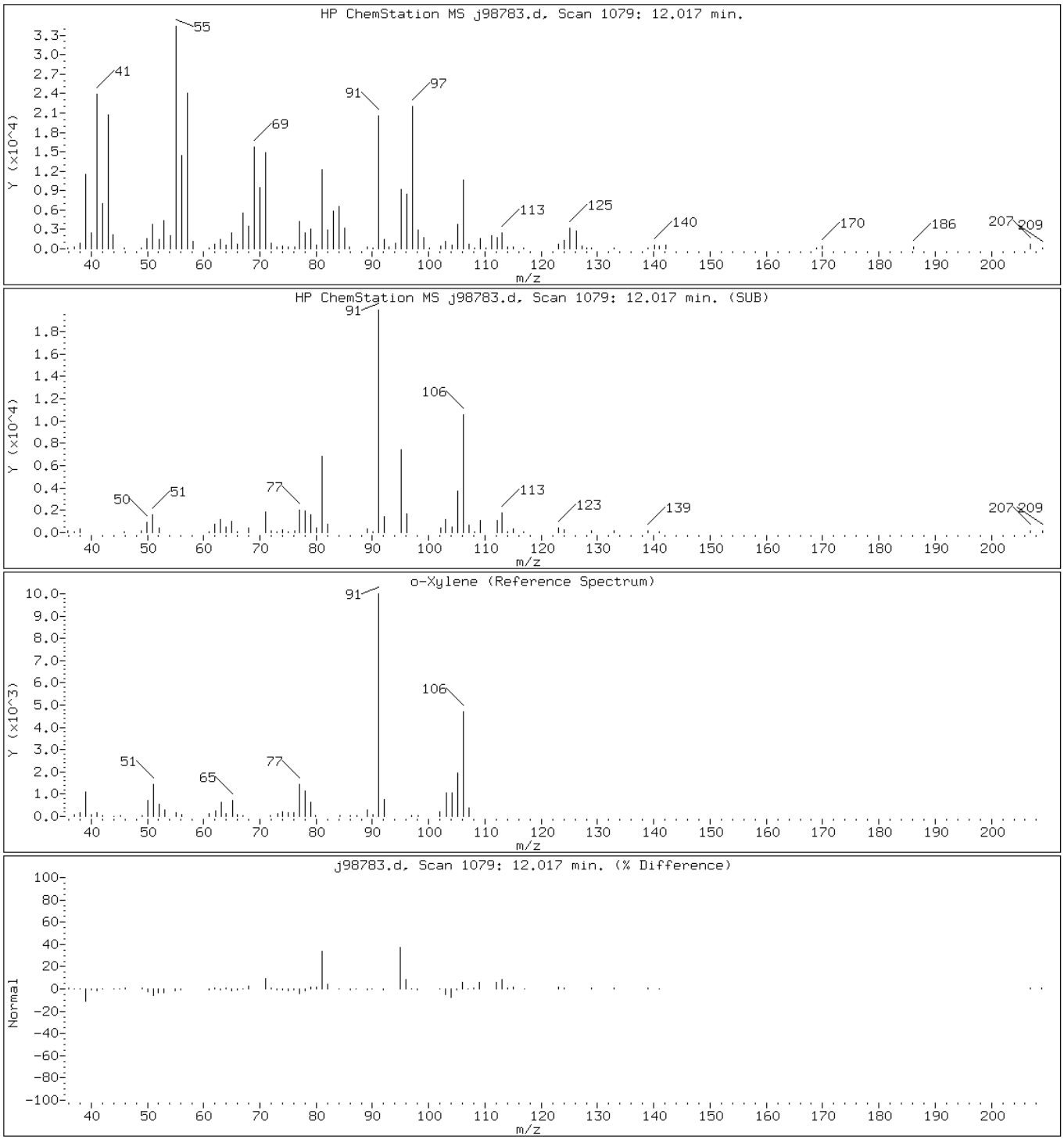
Data File: j98783.d

Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

84 o-Xylene



Data File: j98783.d

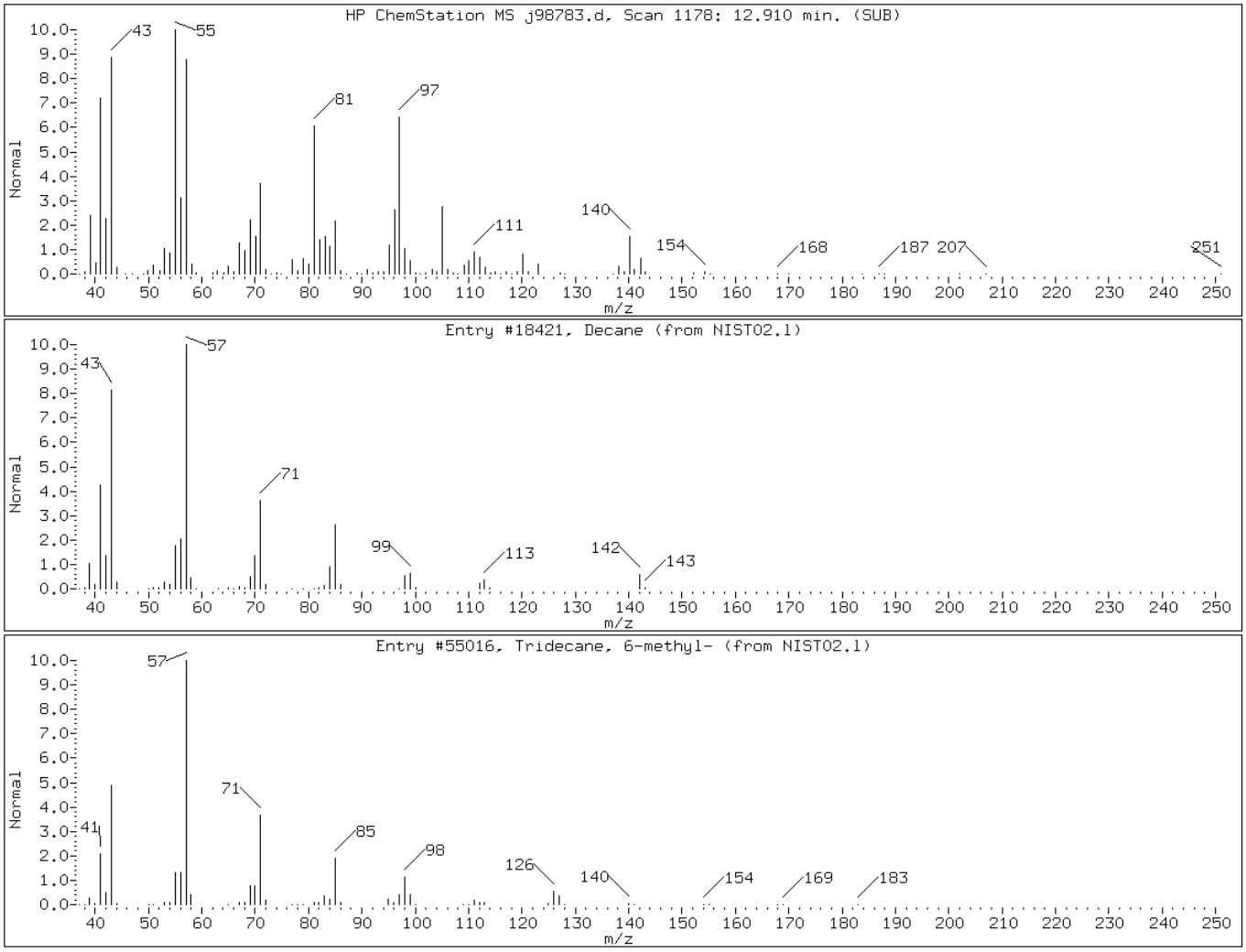
Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

Retention Time: 12.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Unknowns						
Decane	124-18-5	NIST02.l	18421	46	C10H22	142
Tridecane, 6-methyl-	13287-21-3	NIST02.l	55016	38	C14H30	198



Data File: j98783.d

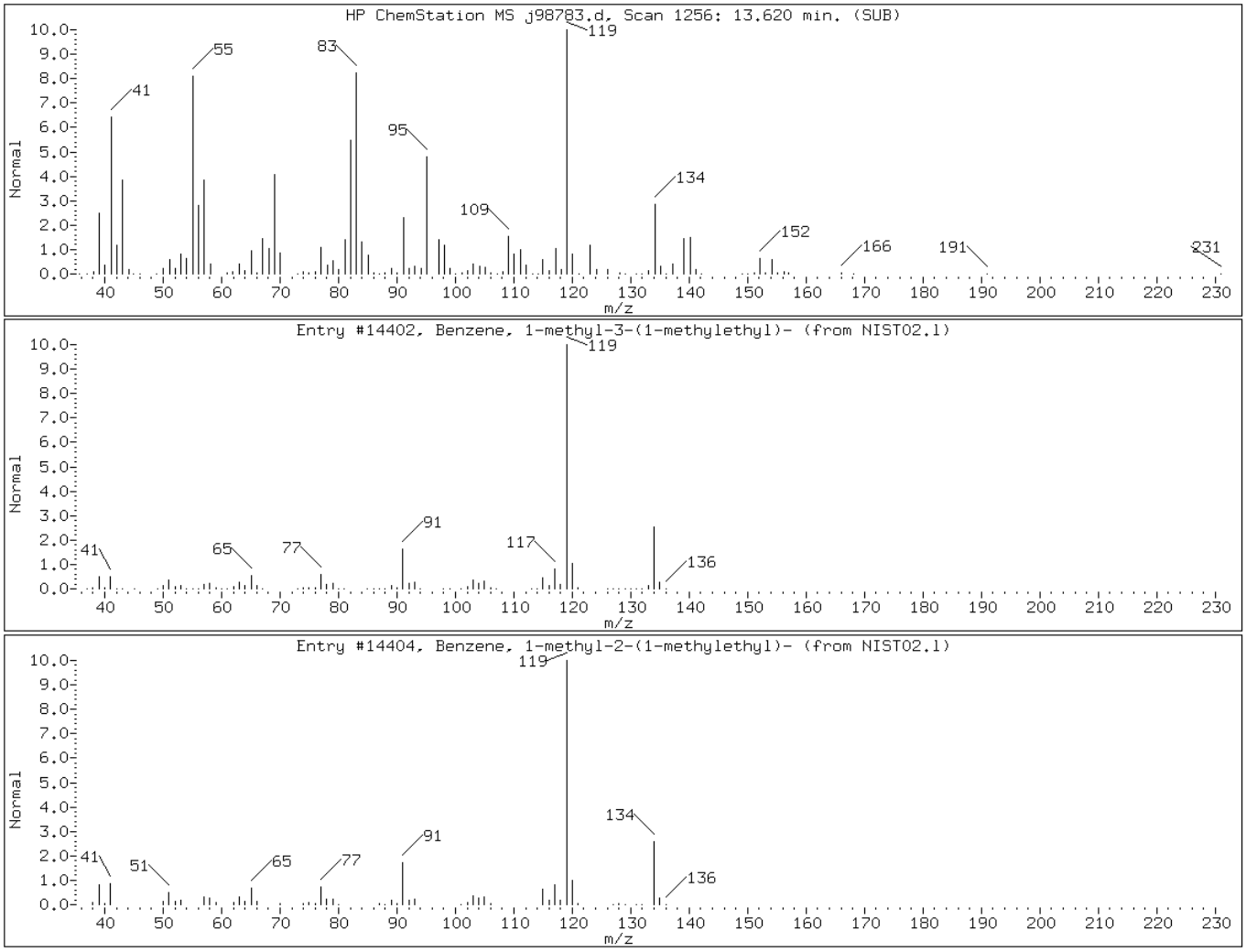
Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

Retention Time: 13.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic/Unknown						
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	74	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	74	C10H14	134



Data File: j98783.d

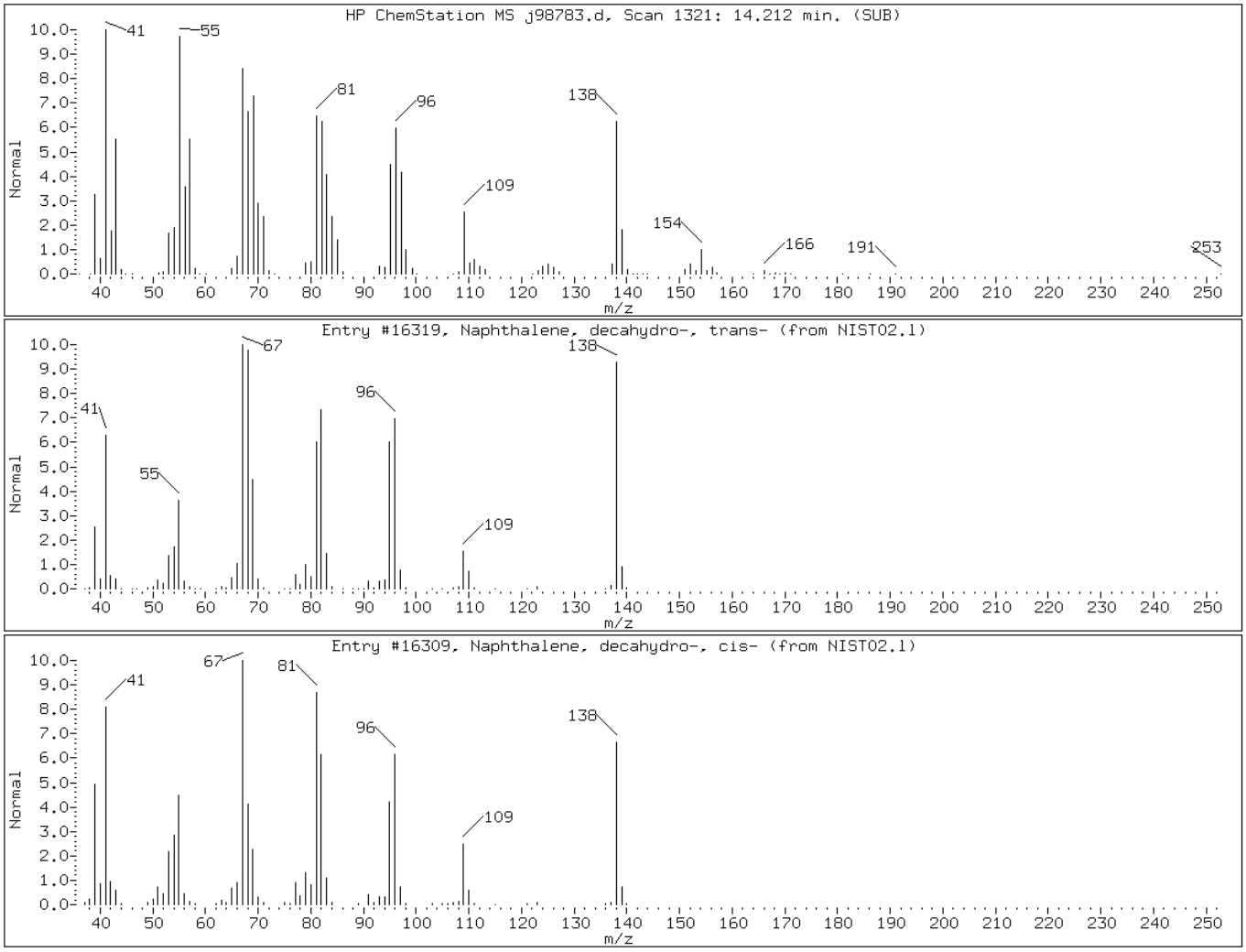
Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

Retention Time: 14.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	94	C10H18	138
Naphthalene, decahydro-, cis-	493-01-6	NIST02.l	16309	86	C10H18	138



Data File: j98783.d

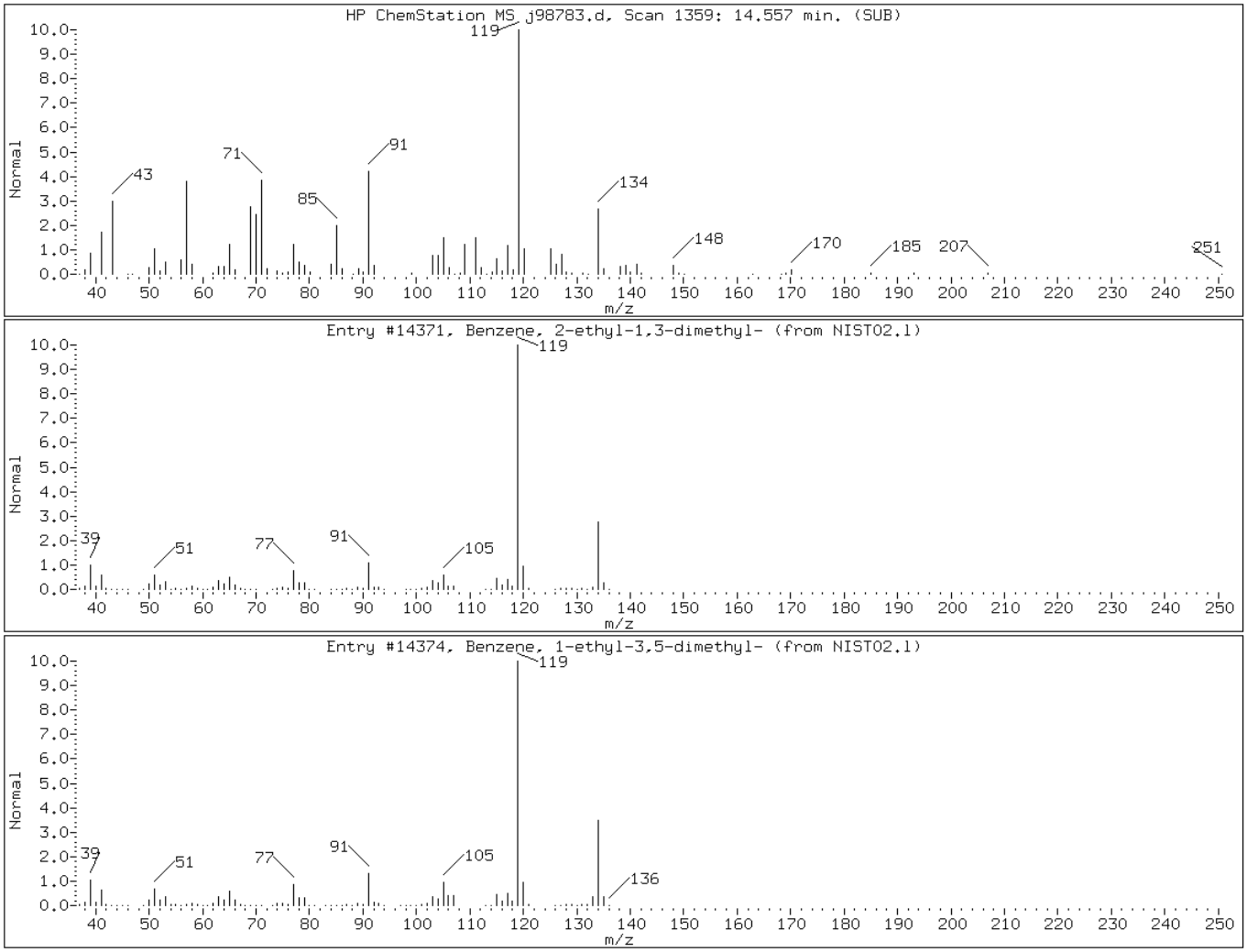
Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

Retention Time: 14.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14371	50	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14374	50	C10H14	134



Data File: j98783.d

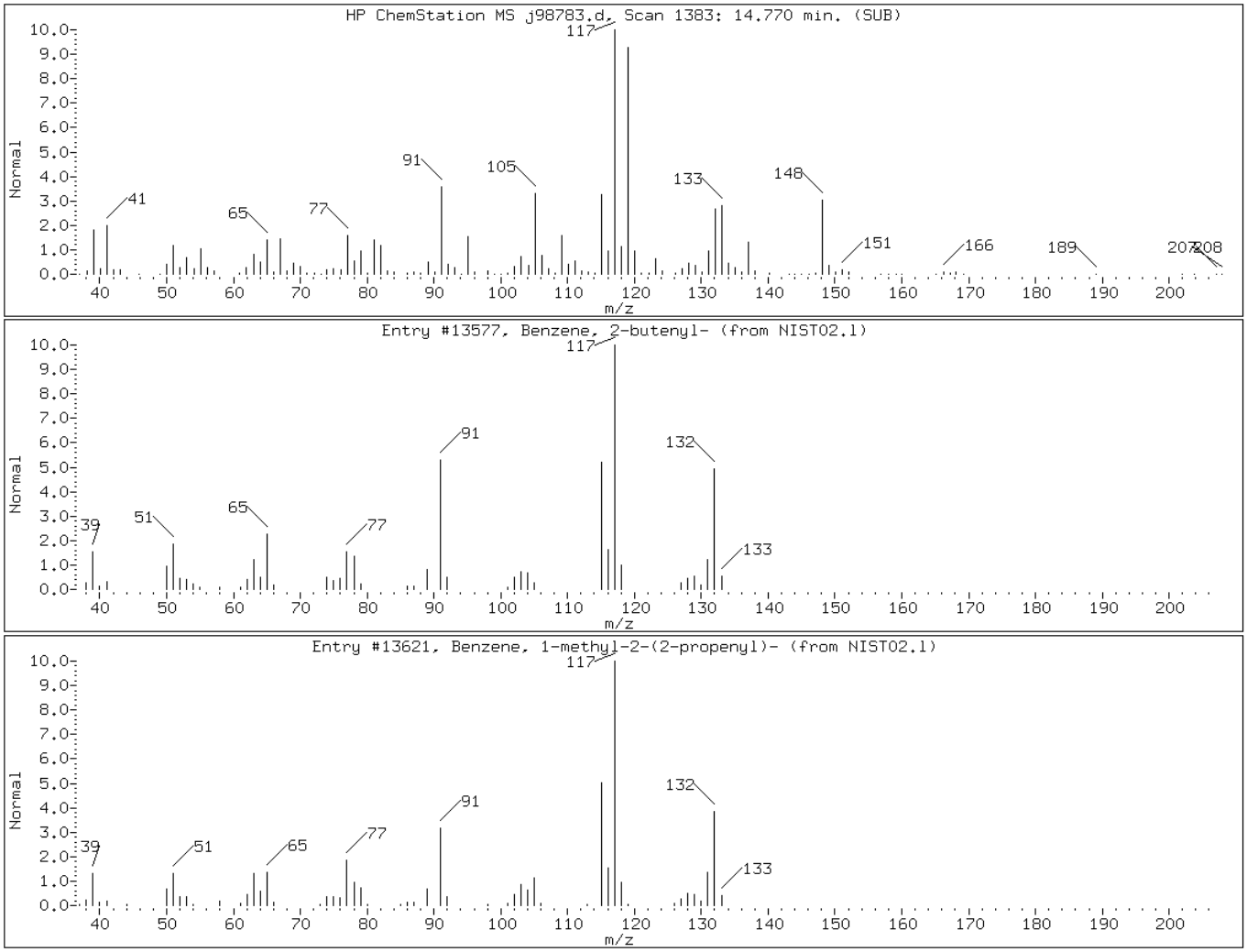
Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

Retention Time: 14.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13577	78	C10H12	132
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13621	70	C10H12	132



Data File: j98783.d

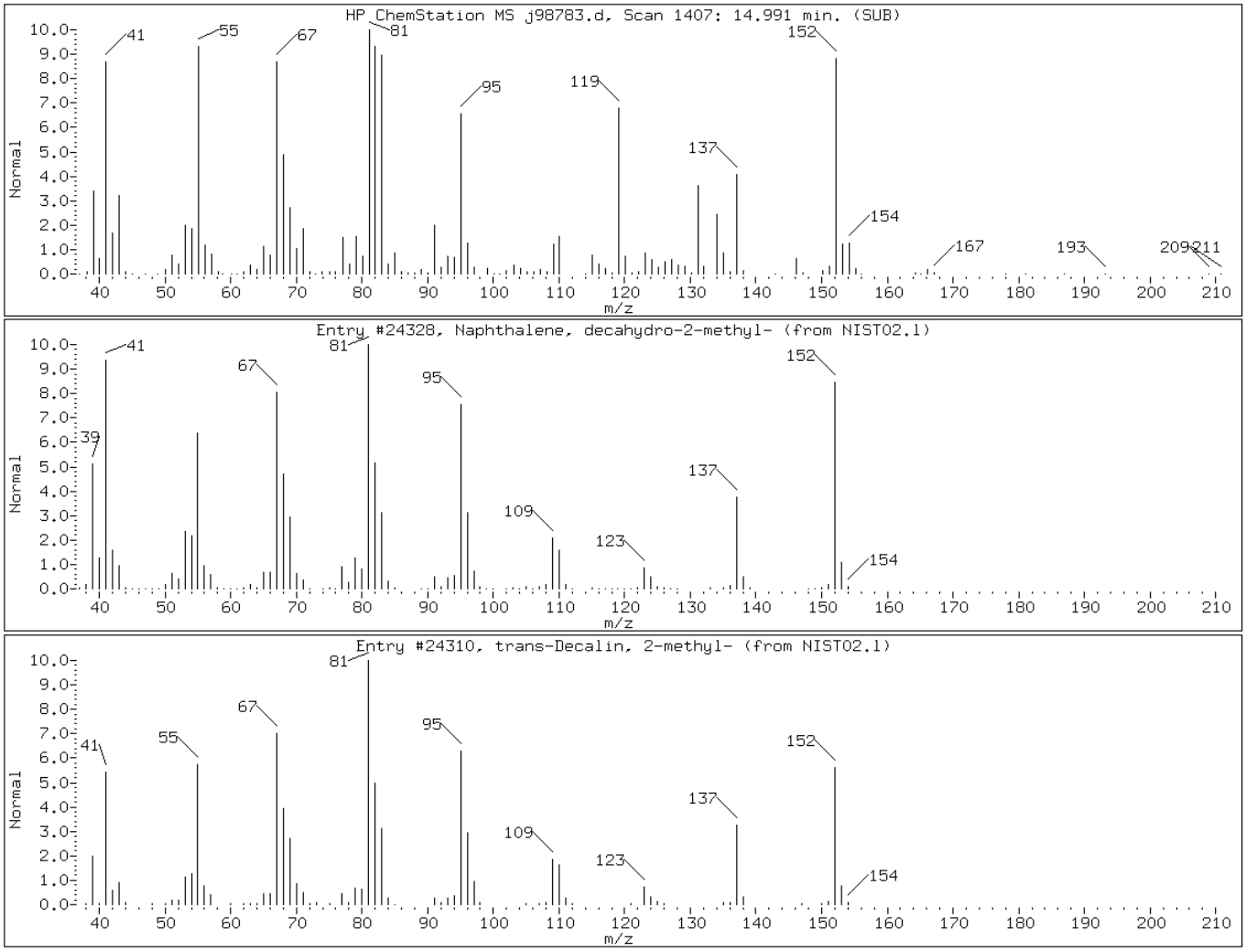
Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

Retention Time: 14.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	83	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	64	C11H20	152



Data File: j98783.d

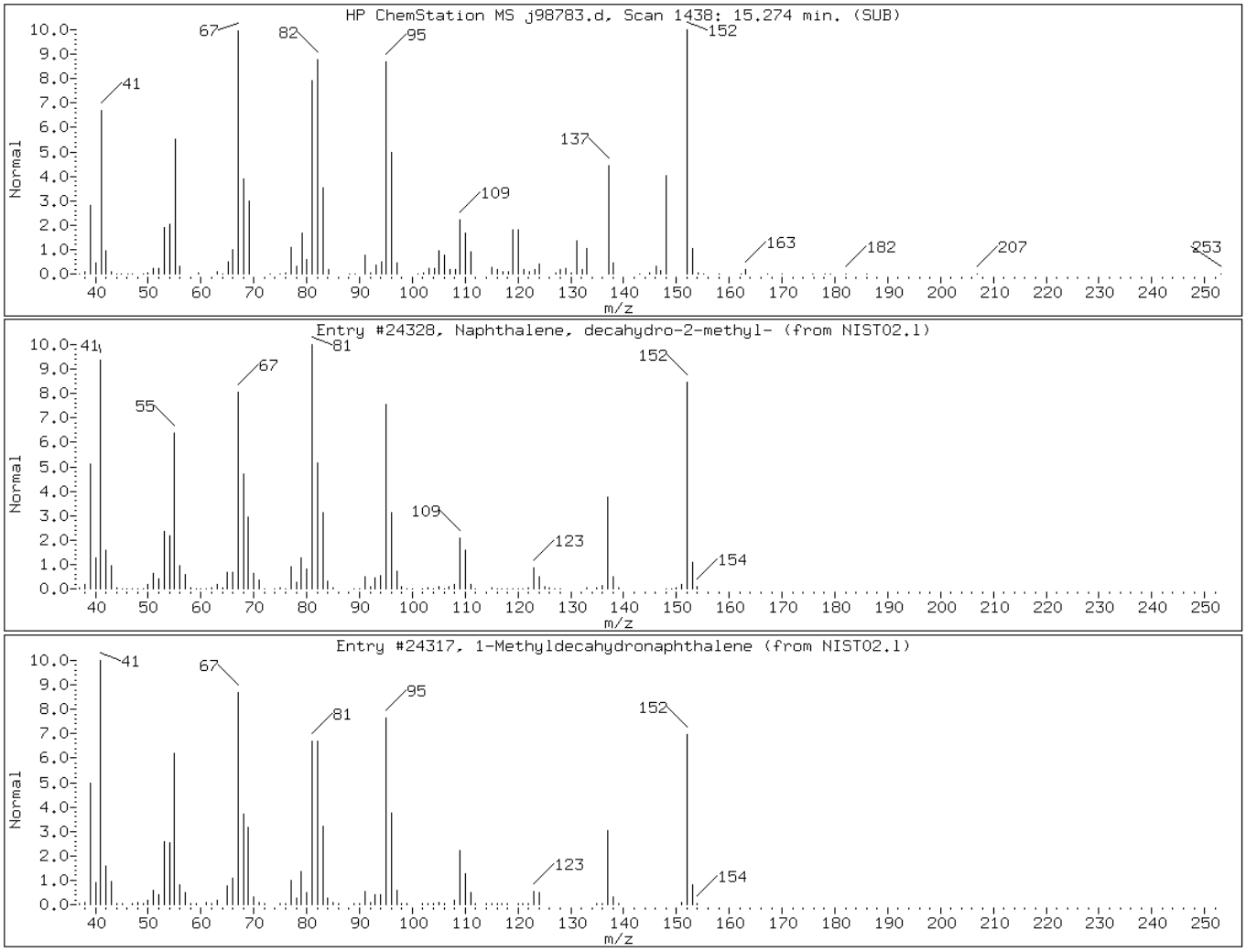
Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

Retention Time: 15.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	96	C11H20	152
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	93	C11H20	152



Data File: j98783.d

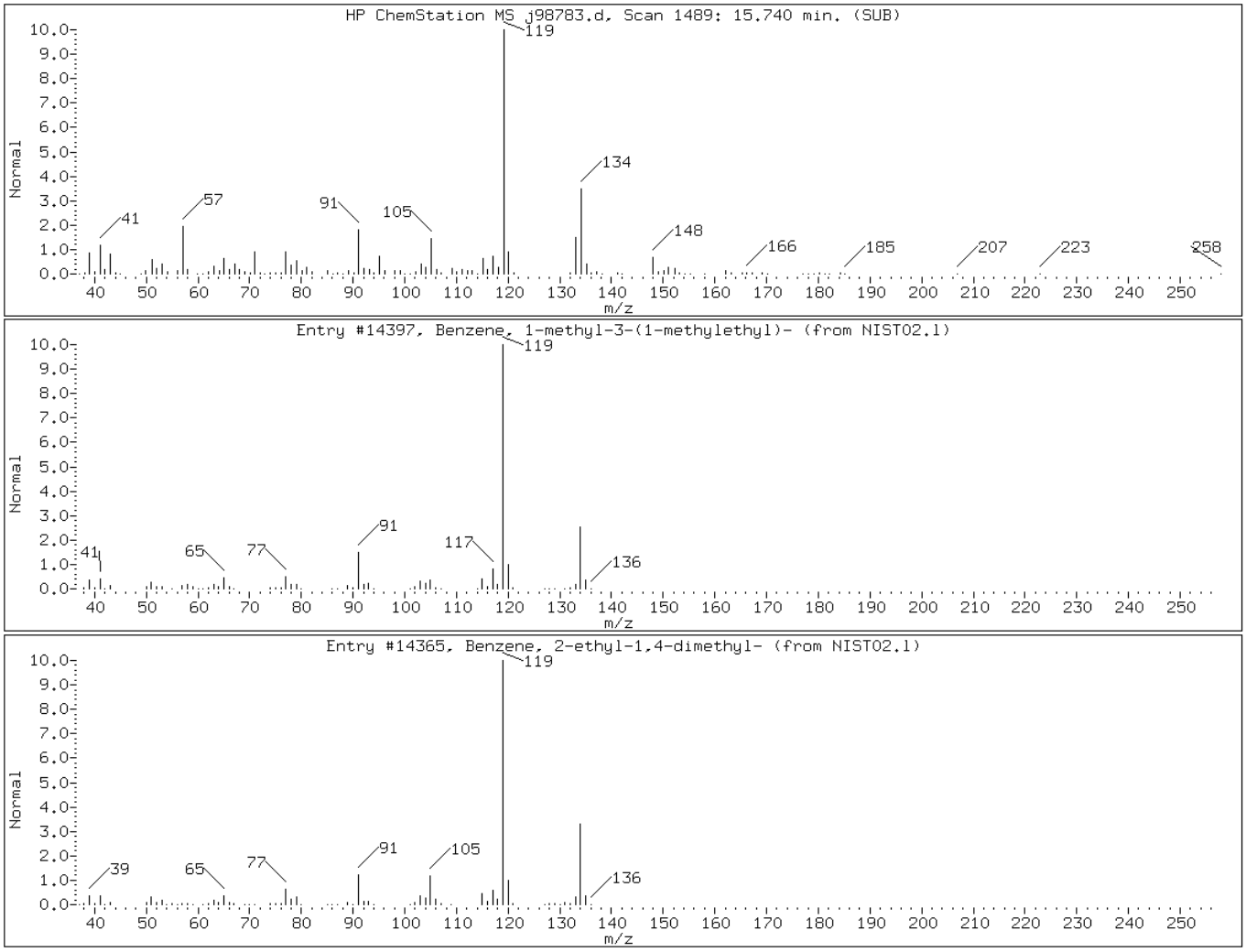
Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

Retention Time: 15.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-1						
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14397	94	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14365	93	C10H14	134



Data File: j98783.d

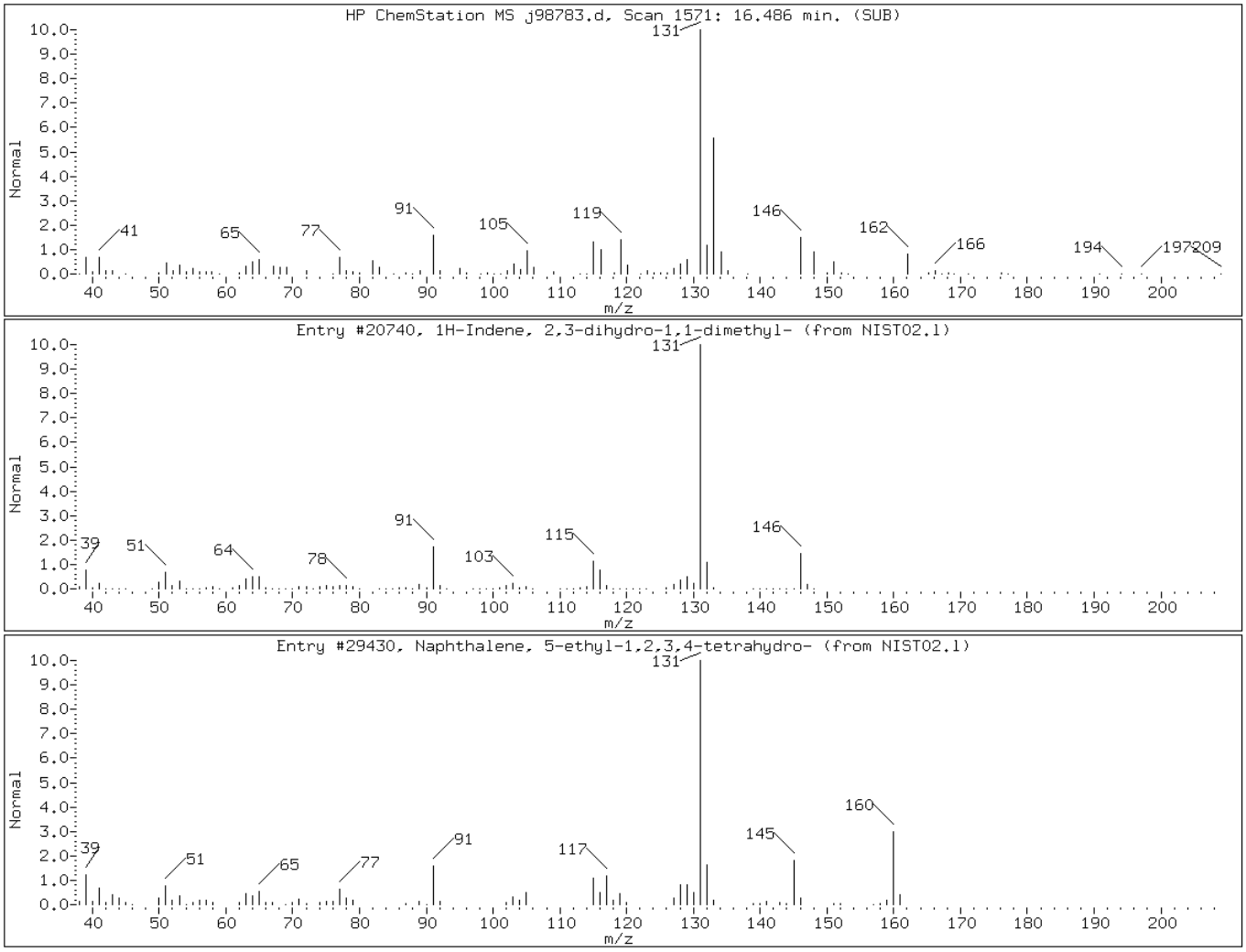
Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

Retention Time: 16.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-1,1-dimethy	4912-92-9	NIST02.l	20740	64	C11H14	146
Naphthalene, 5-ethyl-1,2,3,4-tetra	42775-75-7	NIST02.l	29430	47	C12H16	160



Data File: j98783.d

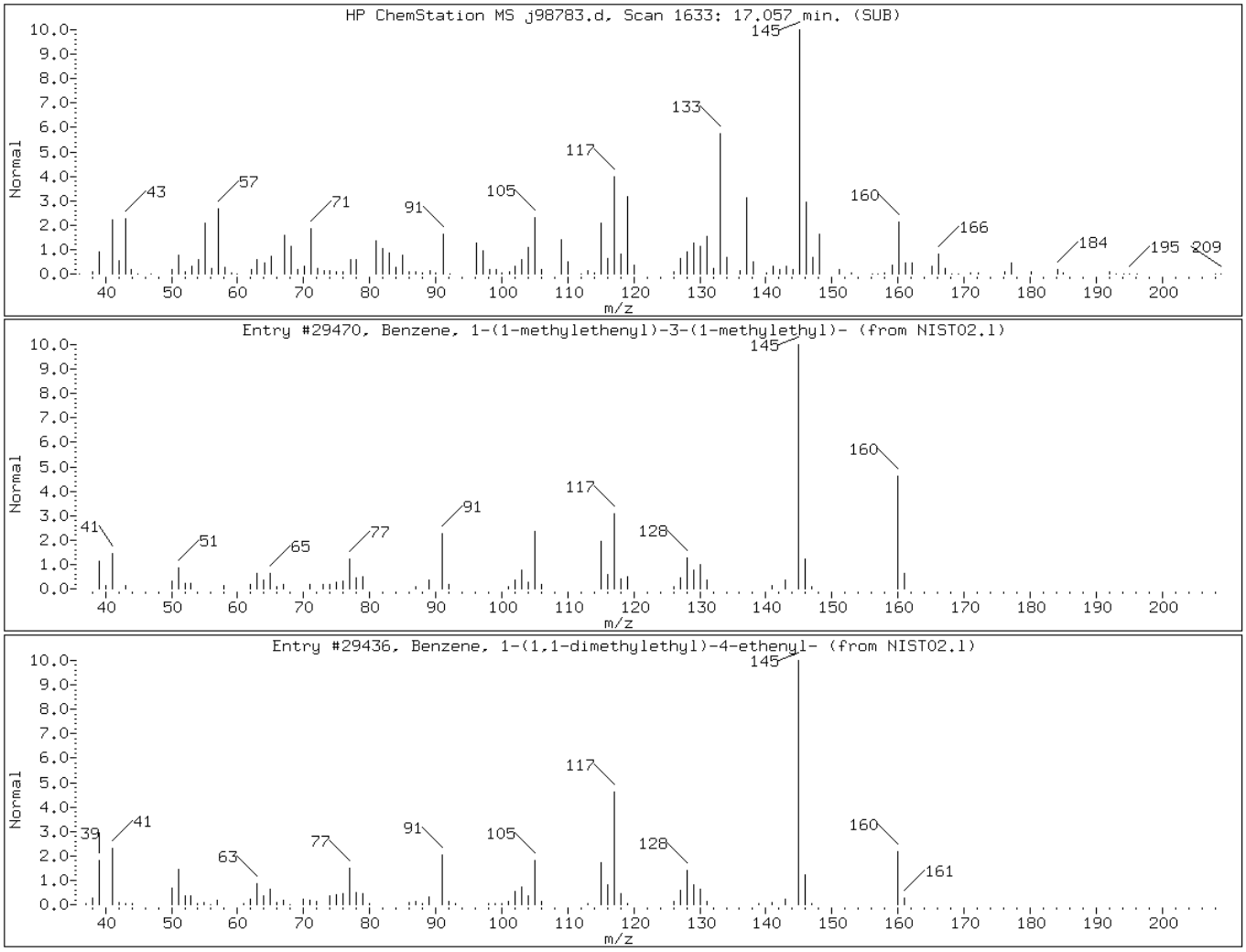
Date: 31-MAR-2011 12:16

Client ID: PMP-17-WT-E (8-8.5) Instrument: VOAMS8.i

Sample Info: 460-24277-B-27-A;50;;5.53;5 Operator:

Retention Time: 17.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-3						
Benzene, 1-(1-methylethenyl)-3-(1-	1129-29-9	NIST02.l	29470	60	C12H16	160
Benzene, 1-(1,1-dimethylethyl)-4-e	1746-23-2	NIST02.l	29436	49	C12H16	160



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-SI-E (10.5-11.0) Lab Sample ID: 460-24277-28

Matrix: Solid Lab File ID: o46734.d

Analysis Method: 8260B Date Collected: 03/18/2011 12:40

Sample wt/vol: 7.74(g) Date Analyzed: 03/29/2011 10:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.1 Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.74	U	0.74	0.47
74-83-9	Bromomethane	0.74	U	0.74	0.30
75-01-4	Vinyl chloride	0.74	U	0.74	0.17
75-00-3	Chloroethane	0.74	U	0.74	0.30
75-09-2	Methylene Chloride	0.74	U	0.74	0.35
67-64-1	Acetone	27		7.4	2.7
75-15-0	Carbon disulfide	0.65	J	0.74	0.35
75-69-4	Trichlorofluoromethane	0.74	U	0.74	0.19
75-35-4	1,1-Dichloroethene	0.74	U	0.74	0.27
75-34-3	1,1-Dichloroethane	0.74	U	0.74	0.19
156-60-5	trans-1,2-Dichloroethene	0.74	U	0.74	0.21
156-59-2	cis-1,2-Dichloroethene	1.2		0.74	0.18
67-66-3	Chloroform	0.74	U	0.74	0.18
78-93-3	2-Butanone	1.8	J	7.4	0.42
107-06-2	1,2-Dichloroethane	0.74	U	0.74	0.29
71-55-6	1,1,1-Trichloroethane	0.74	U	0.74	0.14
56-23-5	Carbon tetrachloride	0.74	U	0.74	0.075
71-43-2	Benzene	0.74	U	0.74	0.55
75-25-2	Bromoform	0.74	U	0.74	0.52
100-42-5	Styrene	0.74	U	0.74	0.26
100-41-4	Ethylbenzene	0.20	J	0.74	0.14
108-90-7	Chlorobenzene	0.74	U	0.74	0.36
110-82-7	Cyclohexane	0.74	U	0.74	0.17
98-82-8	Isopropylbenzene	0.74	U	0.74	0.19
591-78-6	2-Hexanone	7.4	U	7.4	1.2
1634-04-4	MTBE	0.74	U	0.74	0.26
76-13-1	Freon TF	0.74	U	0.74	0.35
79-20-9	Methyl acetate	0.74	U	0.74	0.67
123-91-1	1,4-Dioxane	37	U	37	3.1
79-01-6	Trichloroethene	1.4		0.74	0.27
108-88-3	Toluene	0.44	J	0.74	0.22
10061-02-6	trans-1,3-Dichloropropene	0.74	U	0.74	0.16
108-10-1	4-Methyl-2-pentanone	7.4	U	7.4	0.53
10061-01-5	cis-1,3-Dichloropropene	0.74	U	0.74	0.15
95-50-1	1,2-Dichlorobenzene	0.74	U	0.74	0.47
541-73-1	1,3-Dichlorobenzene	0.74	U	0.74	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-SI-E (10.5-11.0) | Lab Sample ID: 460-24277-28

Matrix: Solid | Lab File ID: o46734.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:40

Sample wt/vol: 7.74(g) | Date Analyzed: 03/29/2011 10:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.1 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.74	U	0.74	0.53
120-82-1	1,2,4-Trichlorobenzene	6.2		0.74	0.40
87-61-6	1,2,3-Trichlorobenzene	0.74	U	0.74	0.48
78-87-5	1,2-Dichloropropane	0.74	U	0.74	0.24
108-87-2	Methylcyclohexane	1.2		0.74	0.20
127-18-4	Tetrachloroethene	1.1		0.74	0.25
1330-20-7	Xylenes, Total	4.7		2.2	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	0.74	U	0.74	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.74	U	0.74	0.56
79-00-5	1,1,2-Trichloroethane	0.74	U	0.74	0.44
124-48-1	Dibromochloromethane	0.74	U	0.74	0.42
106-93-4	1,2-Dibromoethane	0.74	U	0.74	0.39
75-71-8	Dichlorodifluoromethane	0.74	U *	0.74	0.30
74-97-5	Bromochloromethane	0.74	U	0.74	0.20
75-27-4	Bromodichloromethane	0.74	U	0.74	0.23

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-138
2037-26-5	Toluene-d8 (Surr)	91		66-126
460-00-4	Bromofluorobenzene	95		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-SI-E (10.5-11.0) Lab Sample ID: 460-24277-28

Matrix: Solid Lab File ID: o46734.d

Analysis Method: 8260B Date Collected: 03/18/2011 12:40

Sample wt/vol: 7.74(g) Date Analyzed: 03/29/2011 10:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.1 Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 975

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C11H24 Alkane	12.27	64	J
	Ethyldimethylbenzene isomer-2	13.30	88	J
	C12H26 Alkane-2	13.38	160	J
	Unknown Alkane	13.51	96	J
	Unknown Cycloalkane	13.85	88	J
	C13H28 Alkane-1	14.02	130	J
	C13H28 Alkane-2	14.22	110	J
	Tetrahydrodimethylnaphthalene isomer	14.74	62	J
	C13H28 Alkane-3	14.79	90	J
	C14H30 Alkane	14.93	87	J

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46734.d
Report Date: 30-Mar-2011 13:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46734.d
Lab Smp Id: 460-24277-D-28-A Client Smp ID: PMP-17-SI-E (10.5-1
Inj Date : 29-MAR-2011 10:42
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-28-A;;;7.74;5
Misc Info : 460-24277-D-28-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	7.74000	Weight of sample extracted (g)
M	13.09942	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
M	14	1,2-Dichloroethene (total)	100				10962	1.57099	1.2(a)
	7	Acetone	43	1.807	1.807	(0.448)	33260	36.8587	27
	8	Carbon Disulfide	76	1.904	1.898	(0.472)	13883	0.87283	0.65(a)
	13	cis-1,2-Dichloroethene	96	3.008	3.002	(0.746)	10962	1.57099	1.2
	18	2-Butanone	72	3.038	3.026	(0.754)	1288	2.36933	1.8(aH)
$	16	1,2-Dichloroethane-d4 (SUR)	65	3.715	3.709	(0.921)	183851	47.4616	35
*	69	Fluorobenzene	96	4.032	4.032	(1.000)	1053509	50.0000	
	25	Trichloroethene	95	4.404	4.404	(1.092)	12462	1.87113	1.4
	126	Methyl cyclohexane	83	4.593	4.599	(1.139)	20356	1.57892	1.2
$	37	Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	803209	45.6537	34
	38	Toluene	91	5.885	5.885	(0.759)	17530	0.58729	0.44(a)
	35	Tetrachloroethene	166	6.592	6.586	(0.850)	12056	1.47915	1.1
*	32	Chlorobenzene-d5	117	7.757	7.757	(1.000)	763892	50.0000	
	40	Ethylbenzene	106	8.001	8.001	(1.031)	2787	0.27533	0.20(aH)

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46734.d
Report Date: 30-Mar-2011 13:44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	43 m+p-Xylene	106	8.190	8.184	(1.056)	14974	1.17857	0.88(a)
	44 o-Xylene	106	8.781	8.781	(1.132)	64106	5.21984	3.9
$	41 Bromofluorobenzene (SUR)	174	9.604	9.604	(0.837)	305103	47.2764	35
	102 1,3,5-Trimethylbenzene	105	10.384	10.384	(0.905)	393025	13.2400	9.8
	115 tert-Butylbenzene	119	10.909	10.909	(0.951)	11580	0.43190	0.32(a)
	100 1,2,4-Trimethylbenzene	105	10.994	10.994	(0.959)	575579	19.0179	14
	114 sec-Butylbenzene	105	11.268	11.268	(0.982)	29049	0.74114	0.55(aH)
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.469	(1.000)	433466	50.0000	
	113 p-Isopropyltoluene	119	11.512	11.512	(1.004)	112499	3.32837	2.5
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	143683	4.77959	3.6
	93 1,2,4-Trichlorobenzene	180	13.640	13.634	(1.189)	107264	8.30492	6.2
	70 Naphthalene	128	13.841	13.835	(1.207)	143397	6.24461	4.6
M	45 Xylene (Total)	100				79080	6.29423	4.7

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46734.d
Report Date: 30-Mar-2011 13:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46734.d
Lab Smp Id: 460-24277-D-28-A Client Smp ID: PMP-17-SI-E (10.5-1
Inj Date : 29-MAR-2011 10:42
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-28-A;;;7.74;5
Misc Info : 460-24277-D-28-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	7.74000	Weight of sample extracted (g)
M	13.09942	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 91 1,4-Dichlorobenzene-d4	11.469	3172259	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C11H24 Alkane					CAS #:		
12.274	5458421	86.0336385	64	0		0	91
Ethyldimethylbenzene isomer					CAS #:		
12.634	3649378	57.5201726	43	0		0	91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46734.d
Report Date: 30-Mar-2011 13:44

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Decahydromethylnaphthalene isomer					CAS #:		
12.884	3814307	60.1197149	45	0		0	91
Ethyldimethylbenzene isomer-1					CAS #:		
12.926	4339323	68.3948285	51	0		0	91
C12H26 Alkane					CAS #:		
13.024	2621295	41.3158956	31	0		0	91
C12H26 Alkane-1					CAS #:		
13.097	3637766	57.3371377	43	0		0	91
Ethyldimethylbenzene isomer-2					CAS #:		
13.304	7529802	118.681992	88	0		0	91
C12H26 Alkane-2					CAS #:		
13.378	13992536	220.545244	160	0		0	91
Tetrahydronaphthalene isomer					CAS #:		
13.445	4715866	74.3297629	55	0		0	91
Unknown Alkane					CAS #:		
13.512	8234476	129.788807	96	0		0	91(L)
Diethylmethylbenzene isomer					CAS #:		
13.792	3389787	53.4285871	40	0		0	91
Unknown Cycloalkane					CAS #:		
13.853	7507509	118.330627	88	0		0	91(L)
C13H28 Alkane					CAS #:		
13.938	2709660	42.7086753	32	0		0	91
C13H28 Alkane-1					CAS #:		
14.018	11032694	173.893295	130	0		0	91
C13H28 Alkane-2					CAS #:		
14.219	9337340	147.171745	110	0		0	91
Tetrahydromethylnaphthalene isomer					CAS #:		
14.341	4992303	78.6868567	58	0		0	91(ML)
Tetrahydrodimethylnaphthalene isomer					CAS #:		
14.737	5293318	83.4313459	62	0		0	91(ML)

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46734.d
Report Date: 30-Mar-2011 13:44

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C13H28 Alkane-3					CAS #:		
14.786	7665848	120.826299	90	0	0		91
C14H30 Alkane					CAS #:		
14.926	7403947	116.698310	87	0	0		91
Unknown					CAS #:		
15.054	3806025	59.9891758	44	0	0		91(ML)
Dimethylnaphthalene isomer					CAS #:		
15.511	2975377	46.8968125	35	0	0		91

QC Flag Legend

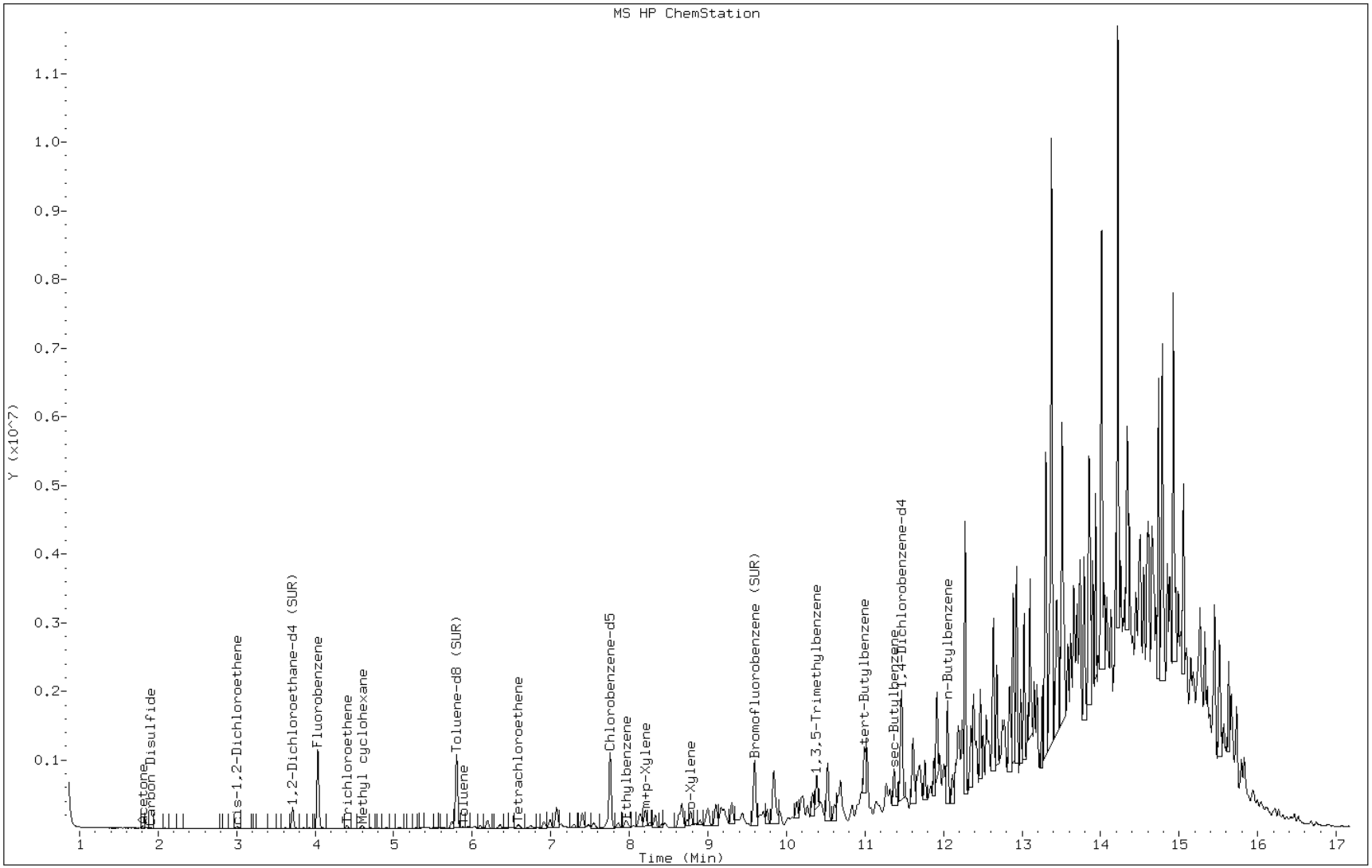
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9



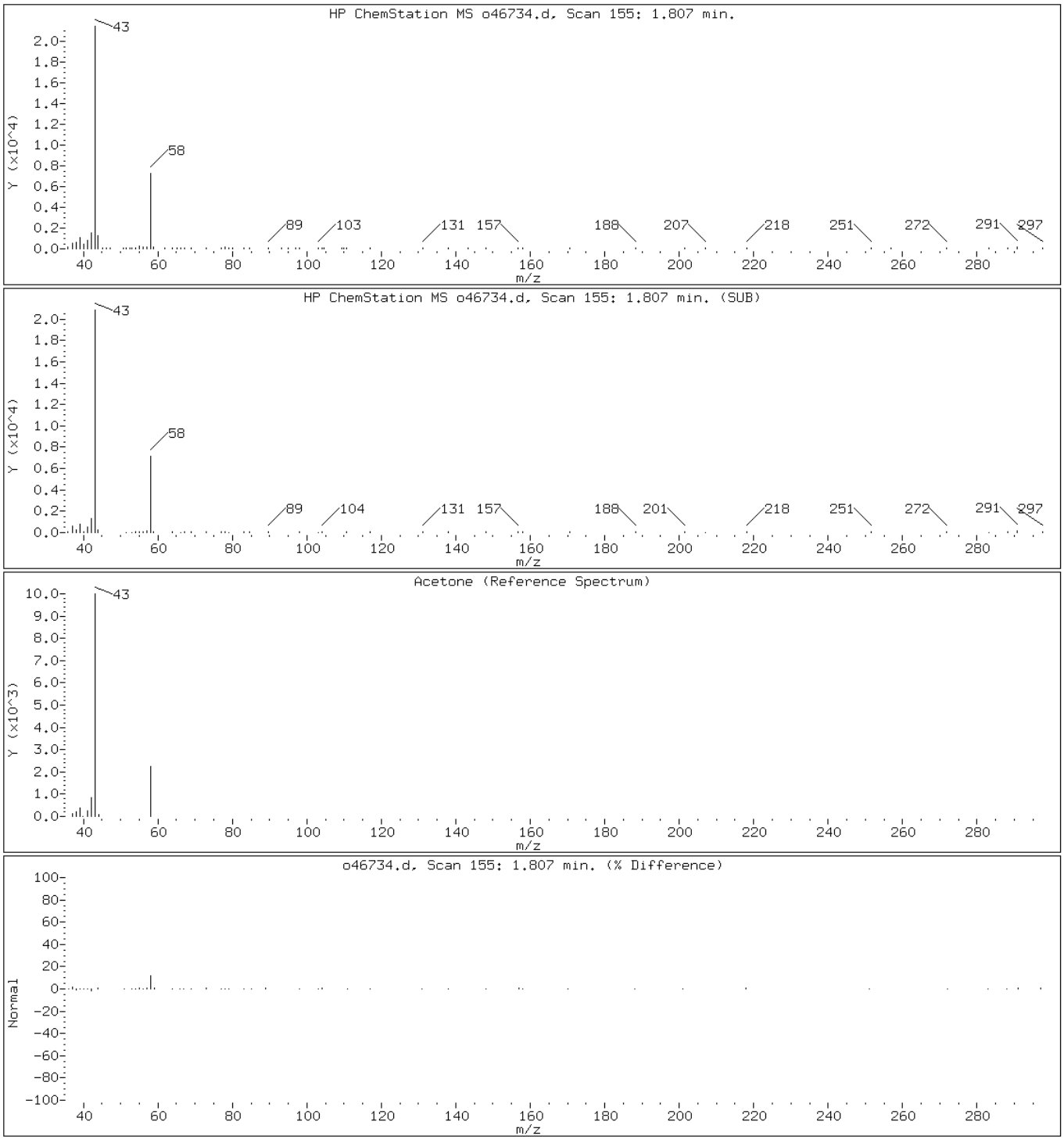
Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

7 Acetone



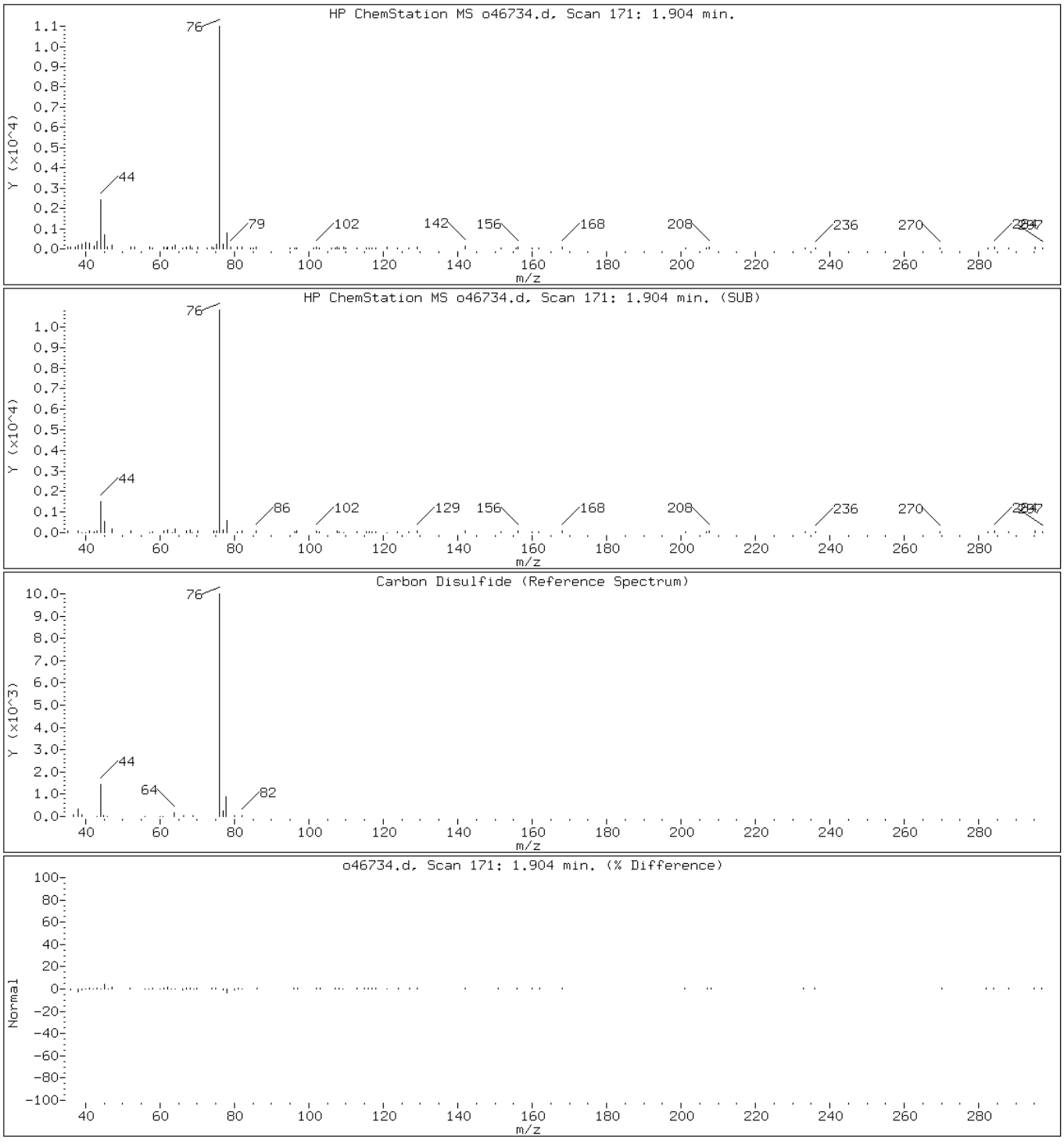
Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

8 Carbon Disulfide



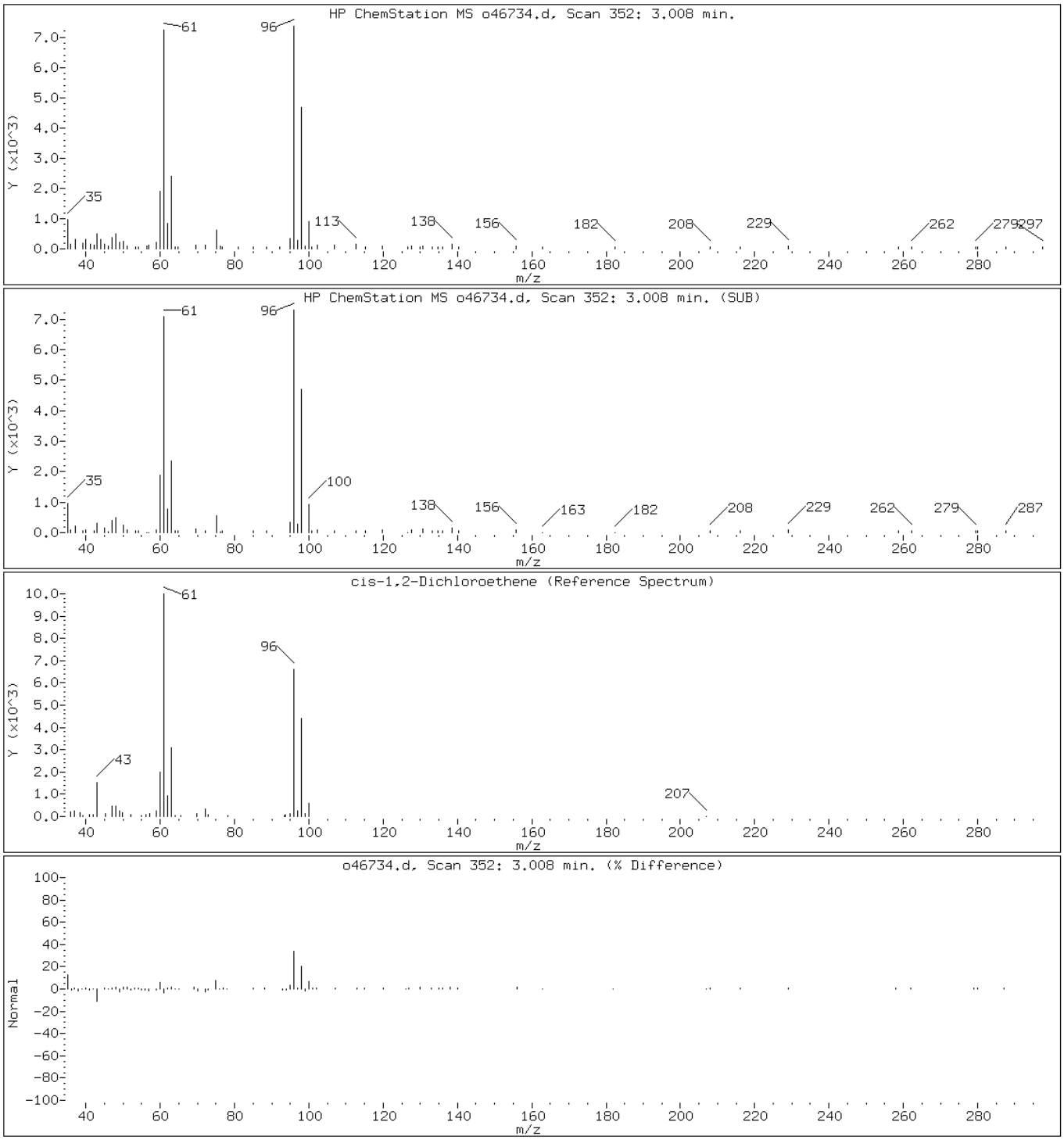
Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



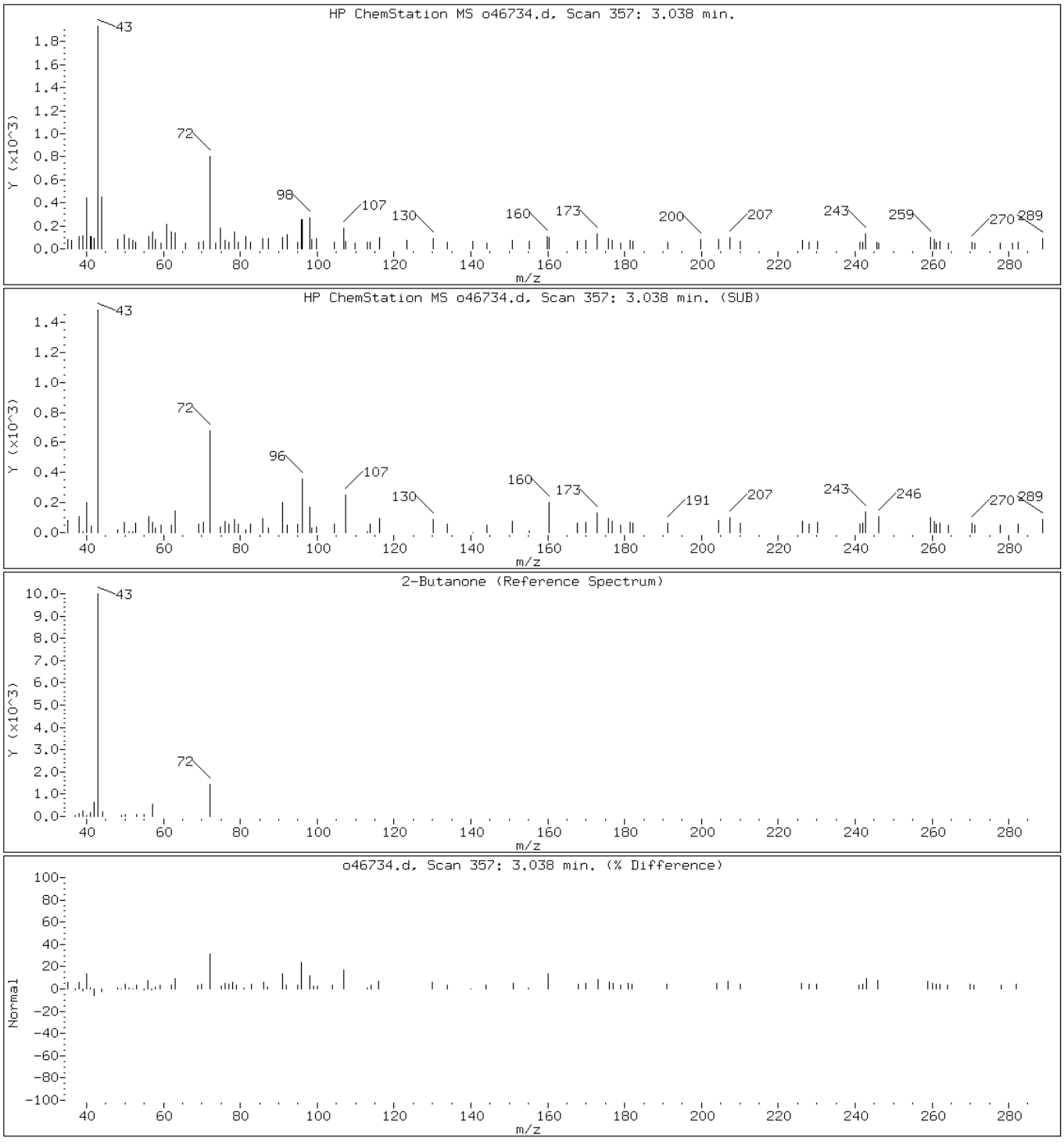
Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

18 2-Butanone



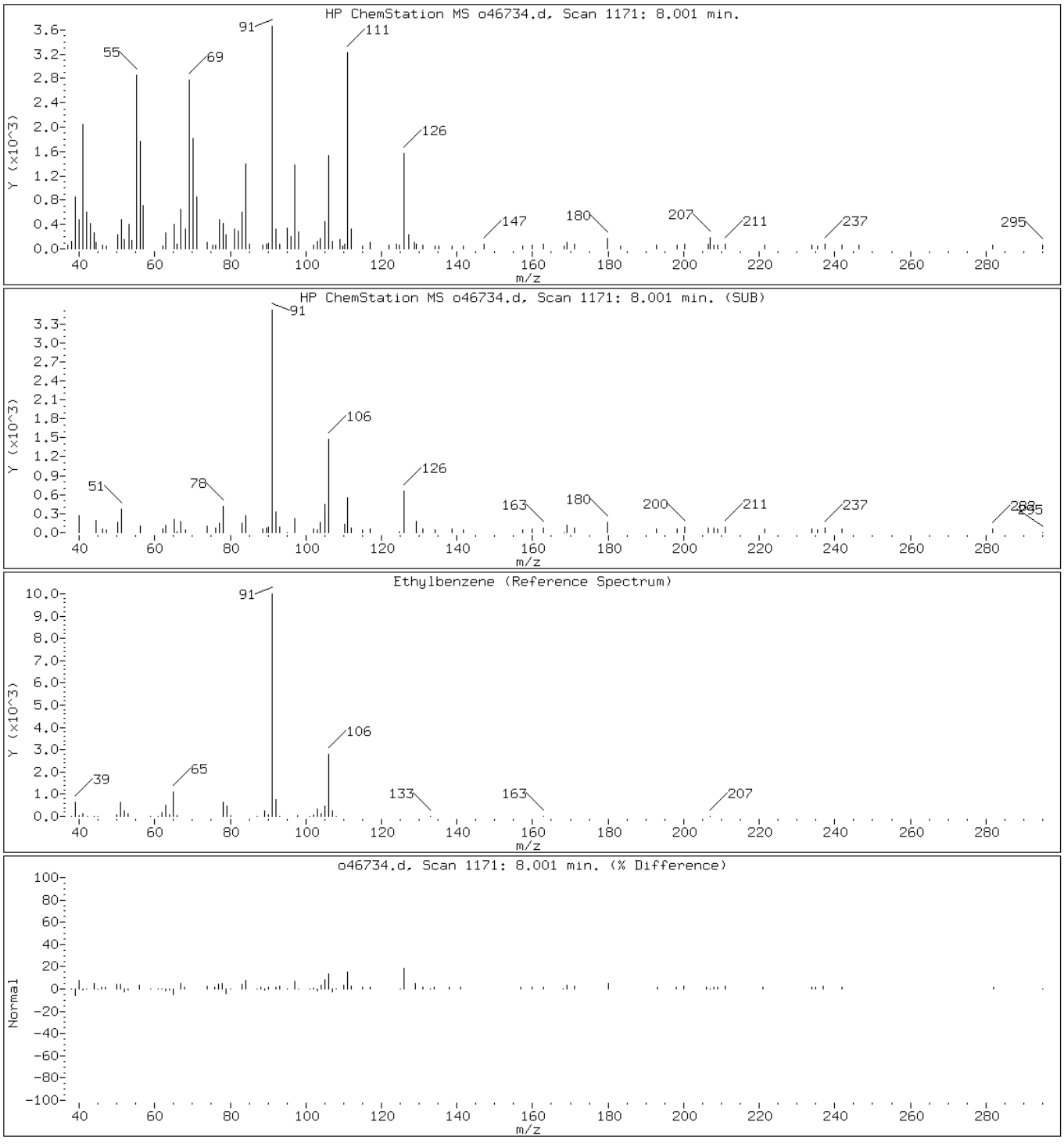
Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

40 Ethylbenzene



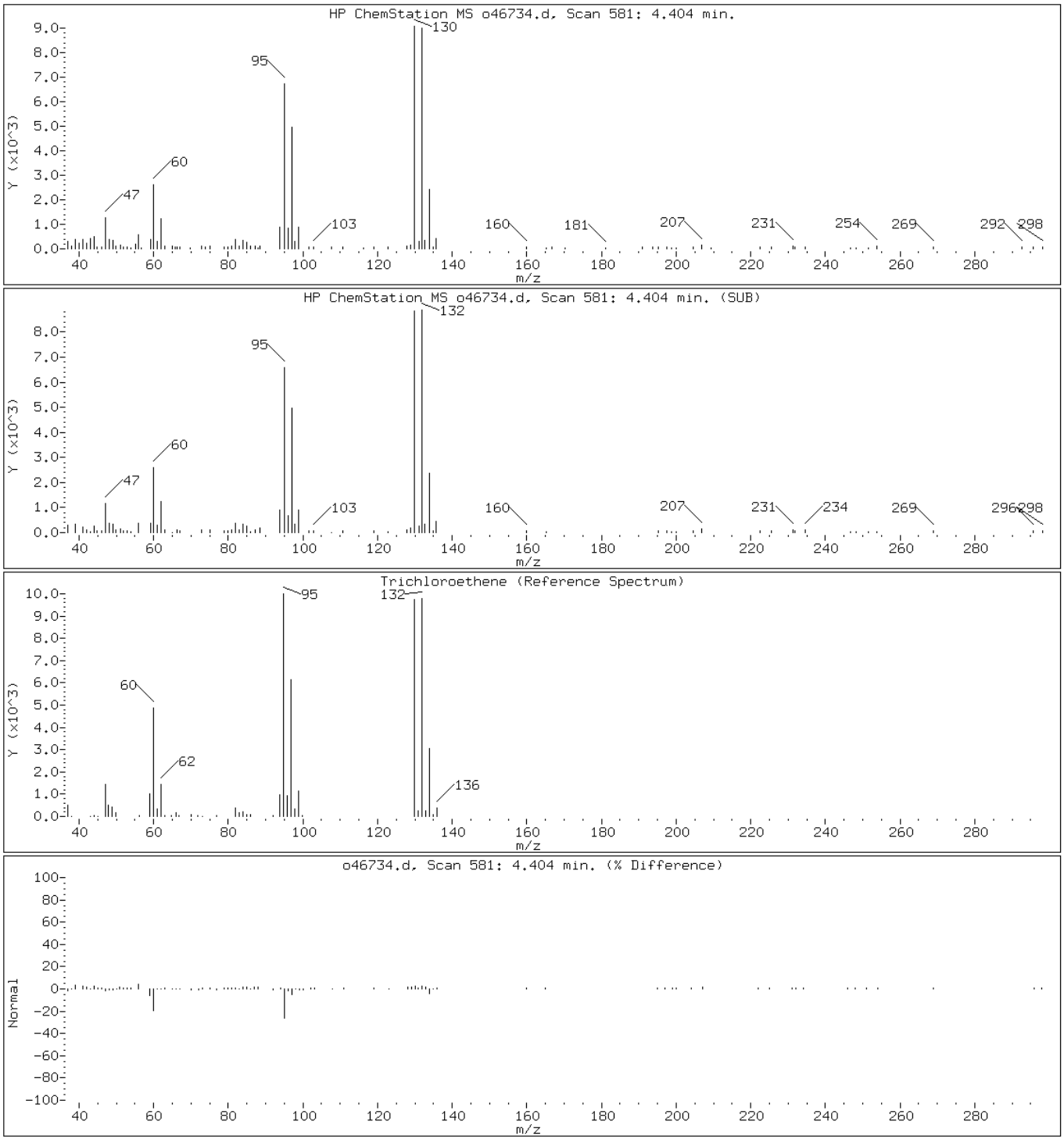
Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

25 Trichloroethene



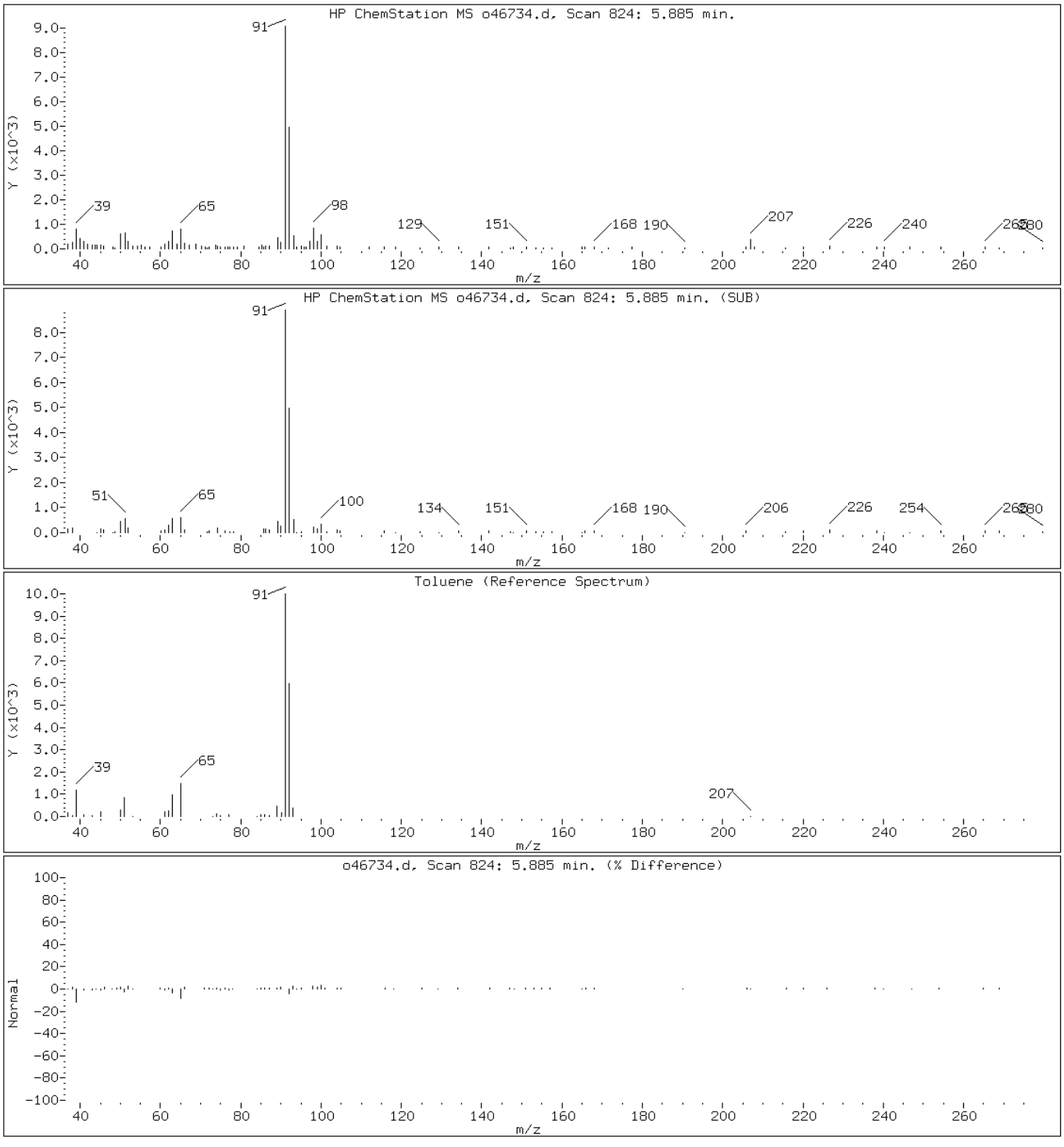
Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

38 Toluene



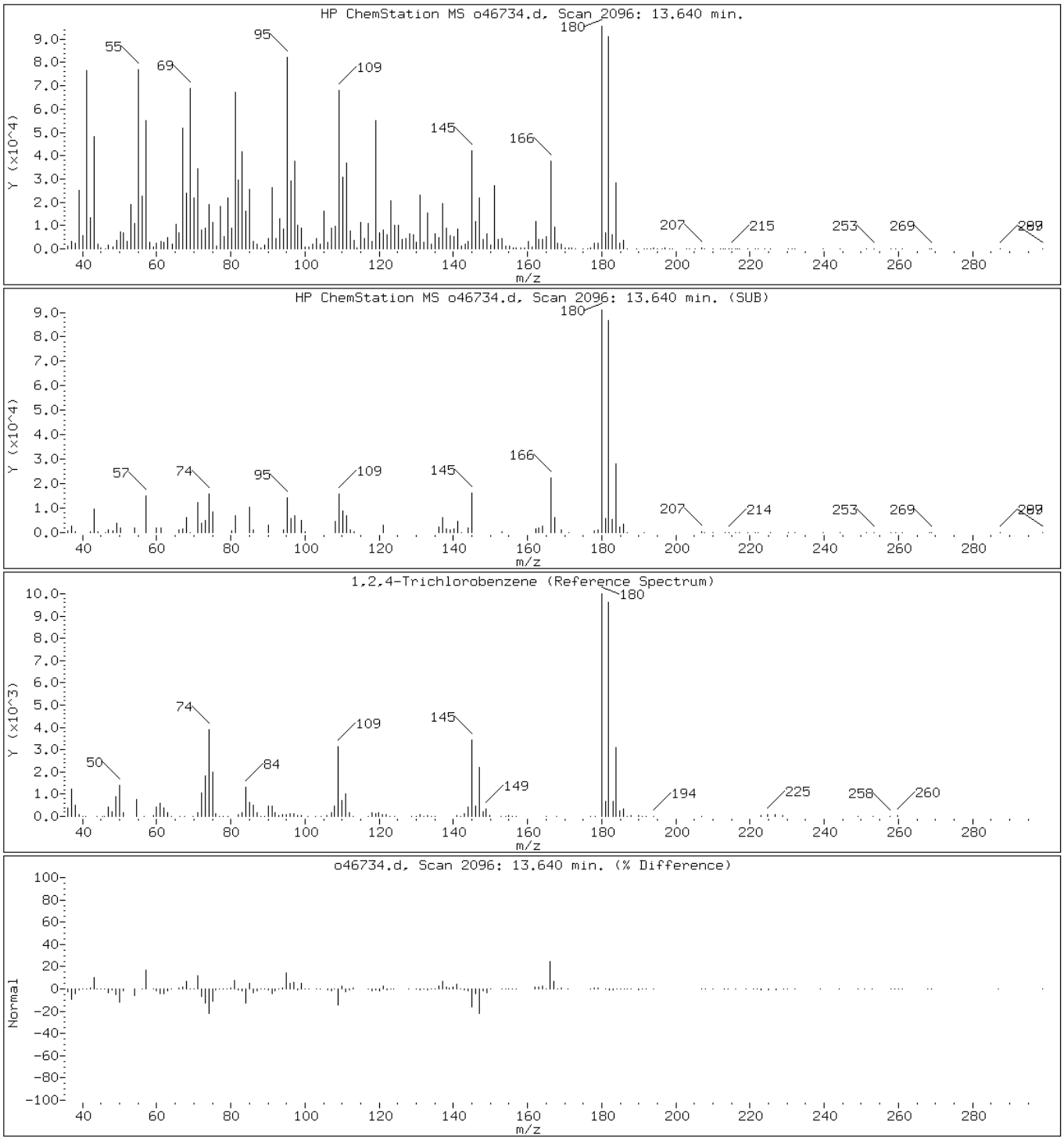
Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

93 1,2,4-Trichlorobenzene



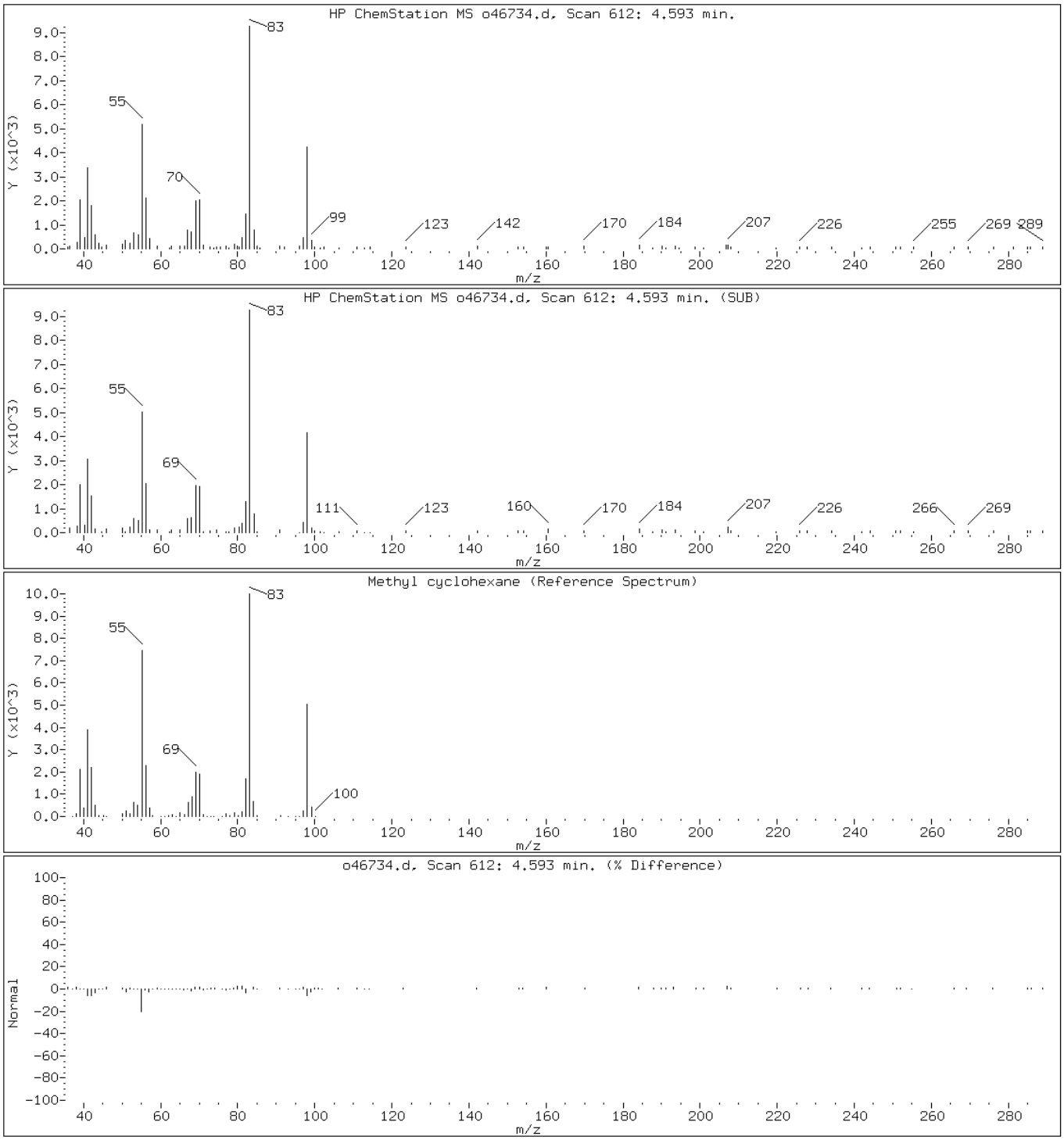
Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

126 Methyl cyclohexane



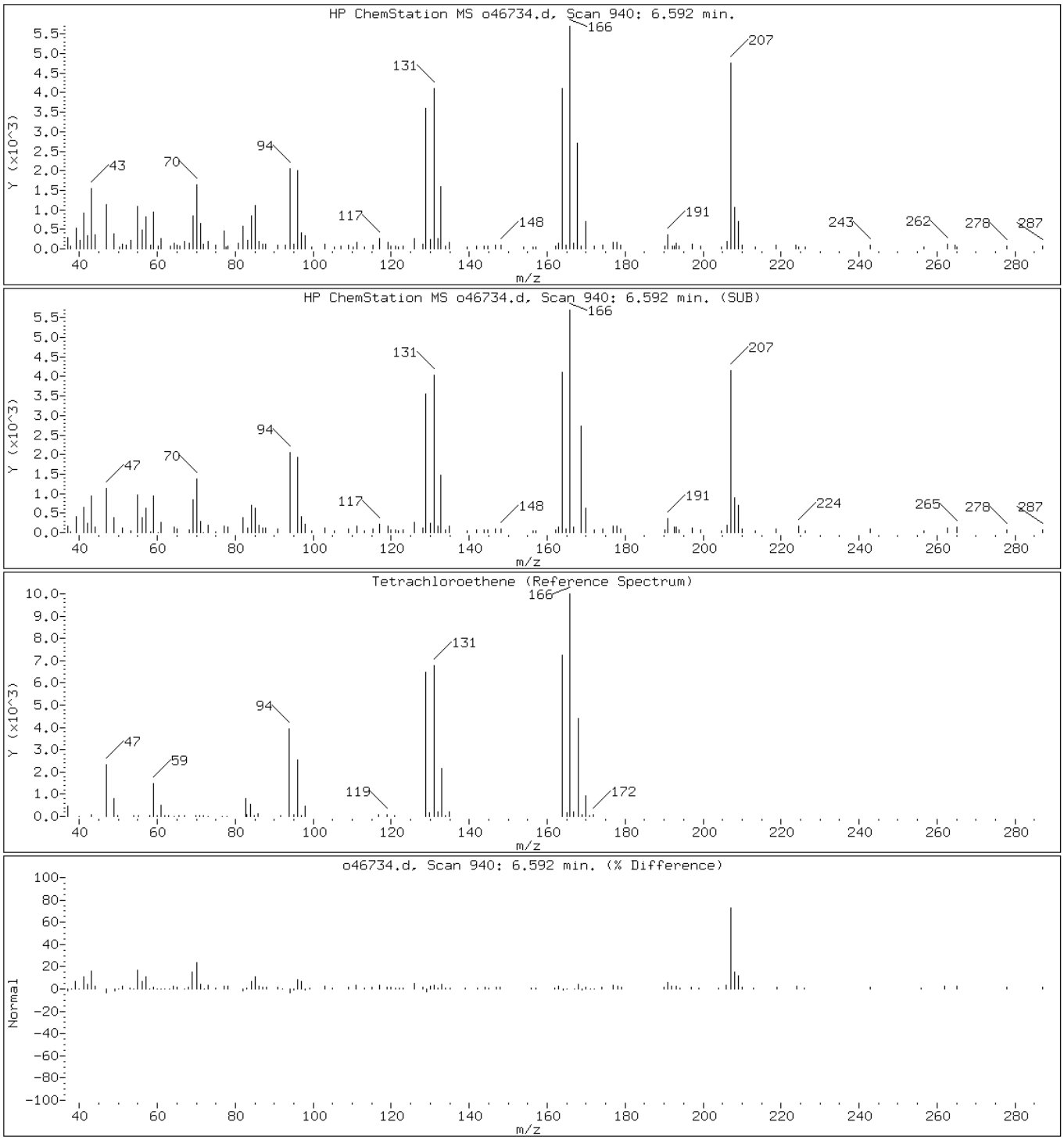
Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

35 Tetrachloroethene



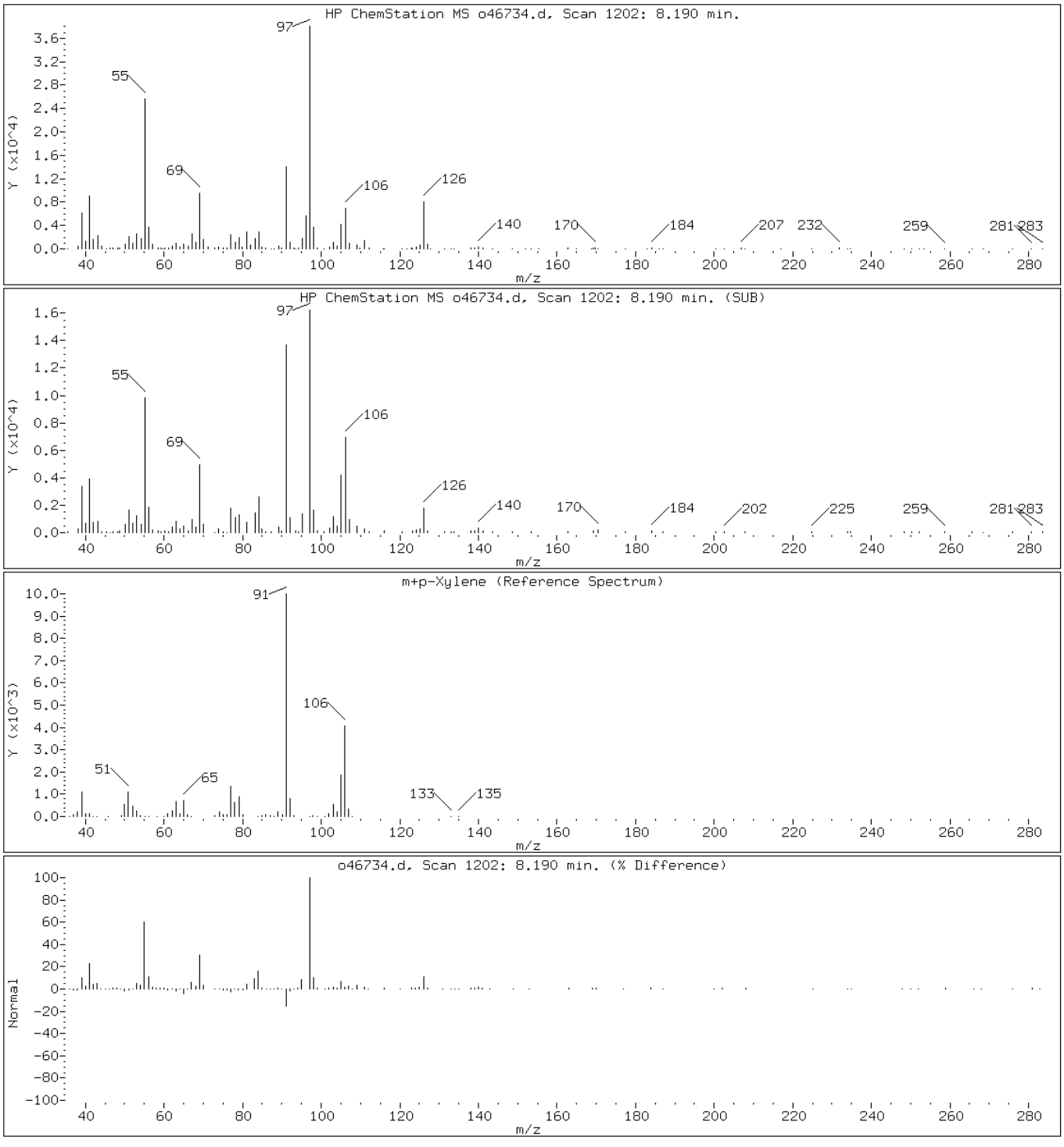
Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

43 m+p-Xylene



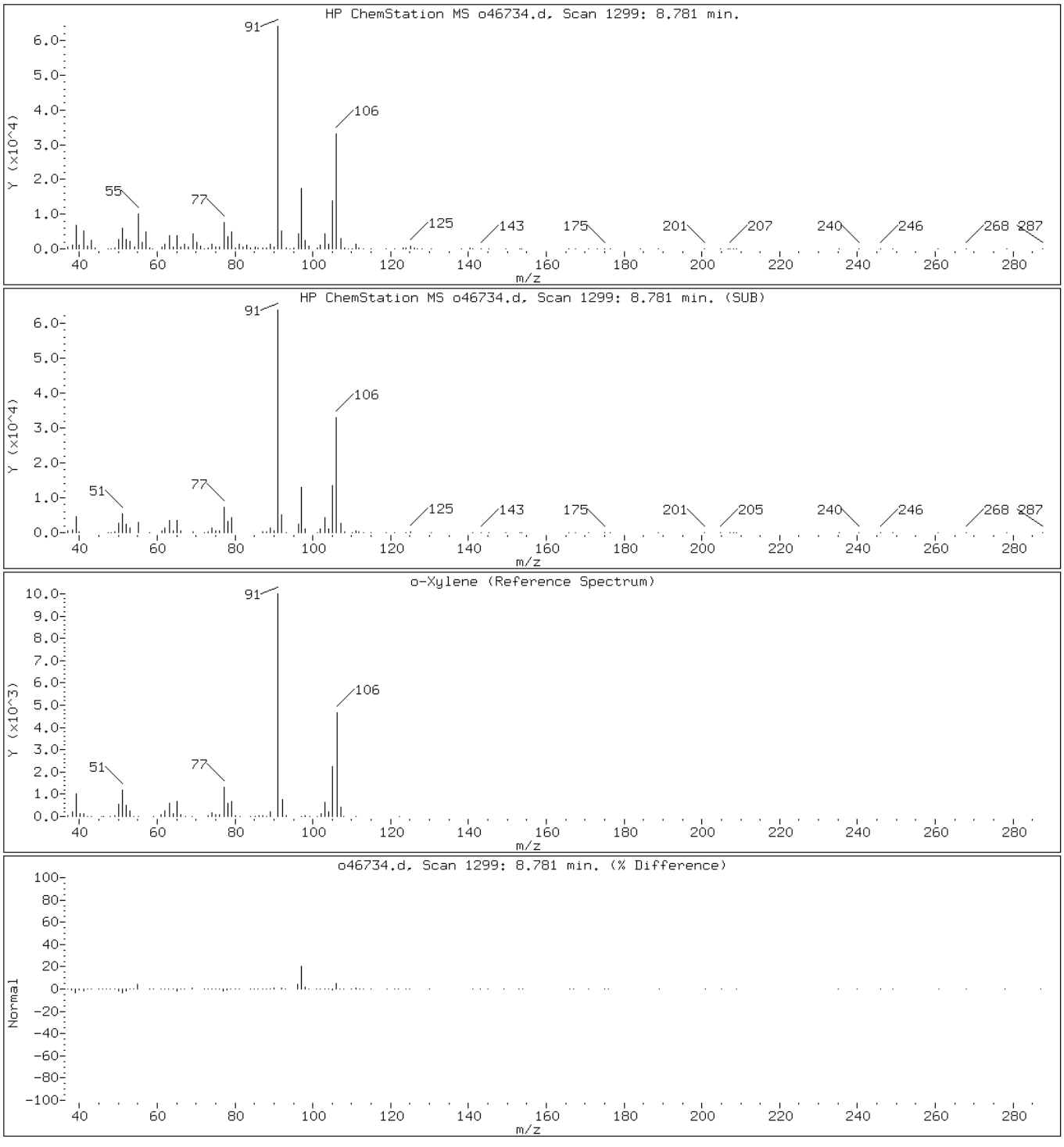
Data File: o46734.d

Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

44 o-Xylene



Data File: o46734.d

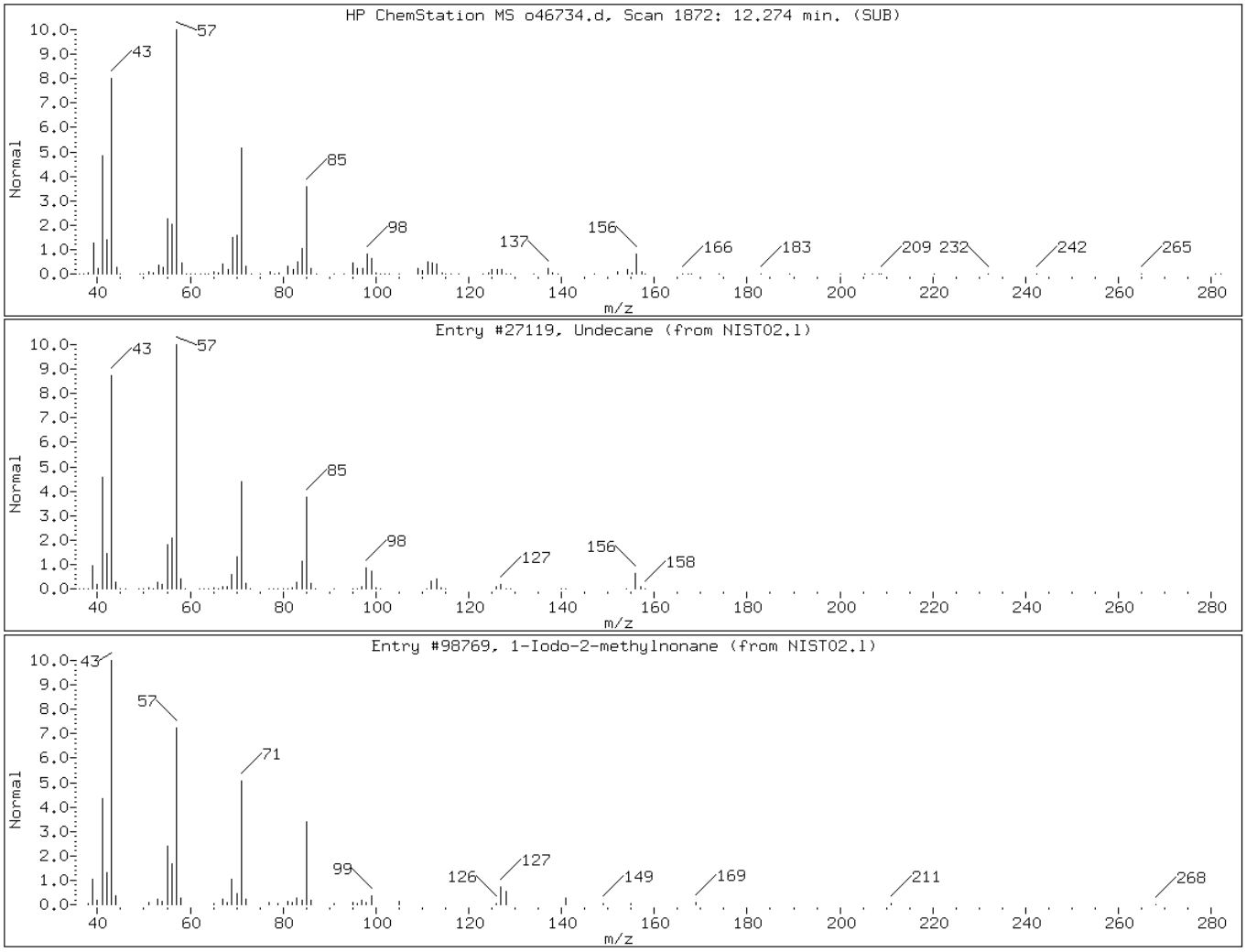
Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

Retention Time: 12.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Undecane	1120-21-4	NIST02.l	27119	96	C11H24	156
1-Iodo-2-methylnonane	1000101-47-9	NIST02.l	98769	89	C10H21I	268



Data File: o46734.d

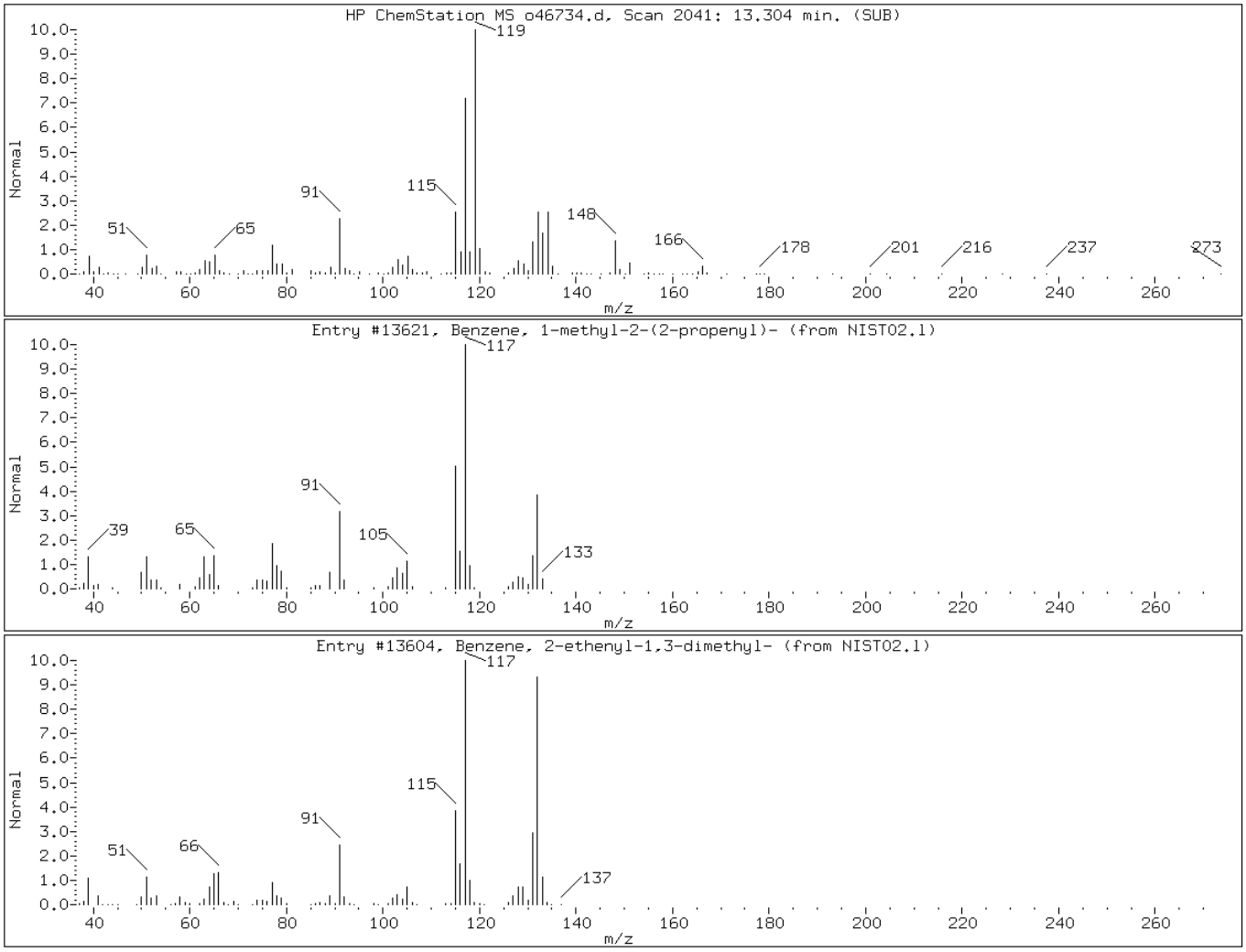
Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

Retention Time: 13.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-2						
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13621	84	C10H12	132
Benzene, 2-ethenyl-1,3-dimethyl-	2039-90-9	NIST02.l	13604	60	C10H12	132



Data File: o46734.d

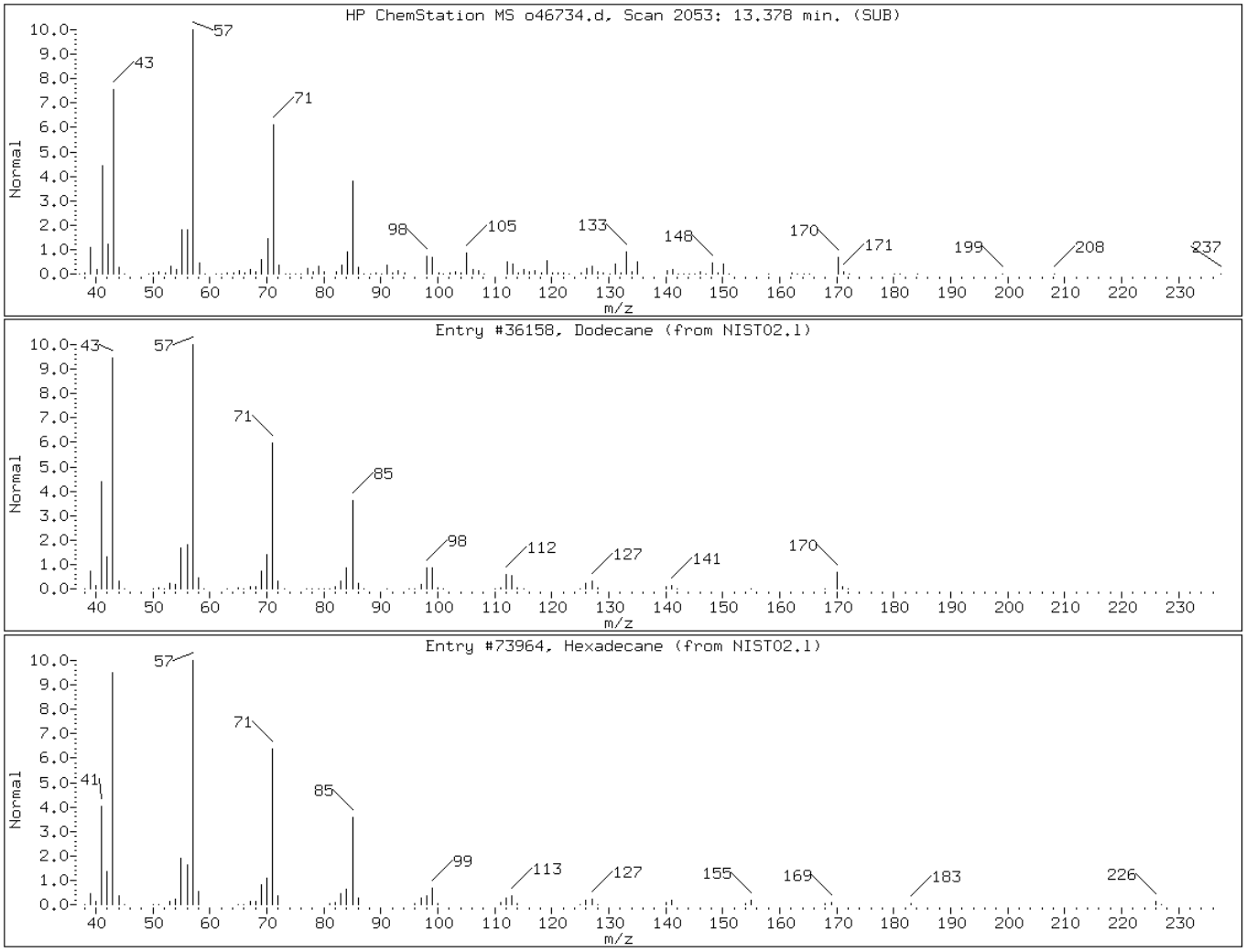
Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

Retention Time: 13.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane-2						
Dodecane	112-40-3	NIST02.l	36158	96	C12H26	170
Hexadecane	544-76-3	NIST02.l	73964	94	C16H34	226



Data File: o46734.d

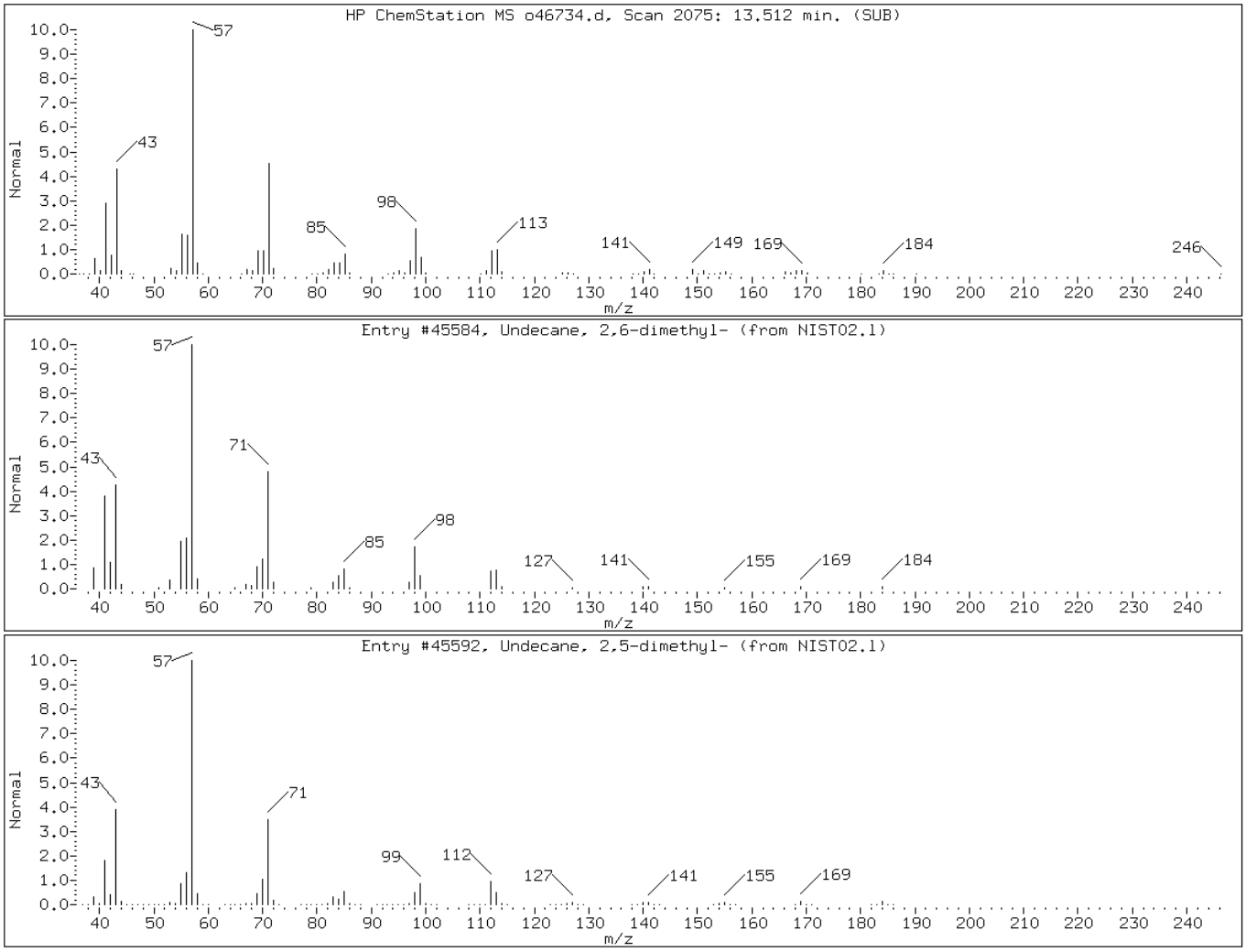
Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

Retention Time: 13.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	97	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	64	C13H28	184



Data File: o46734.d

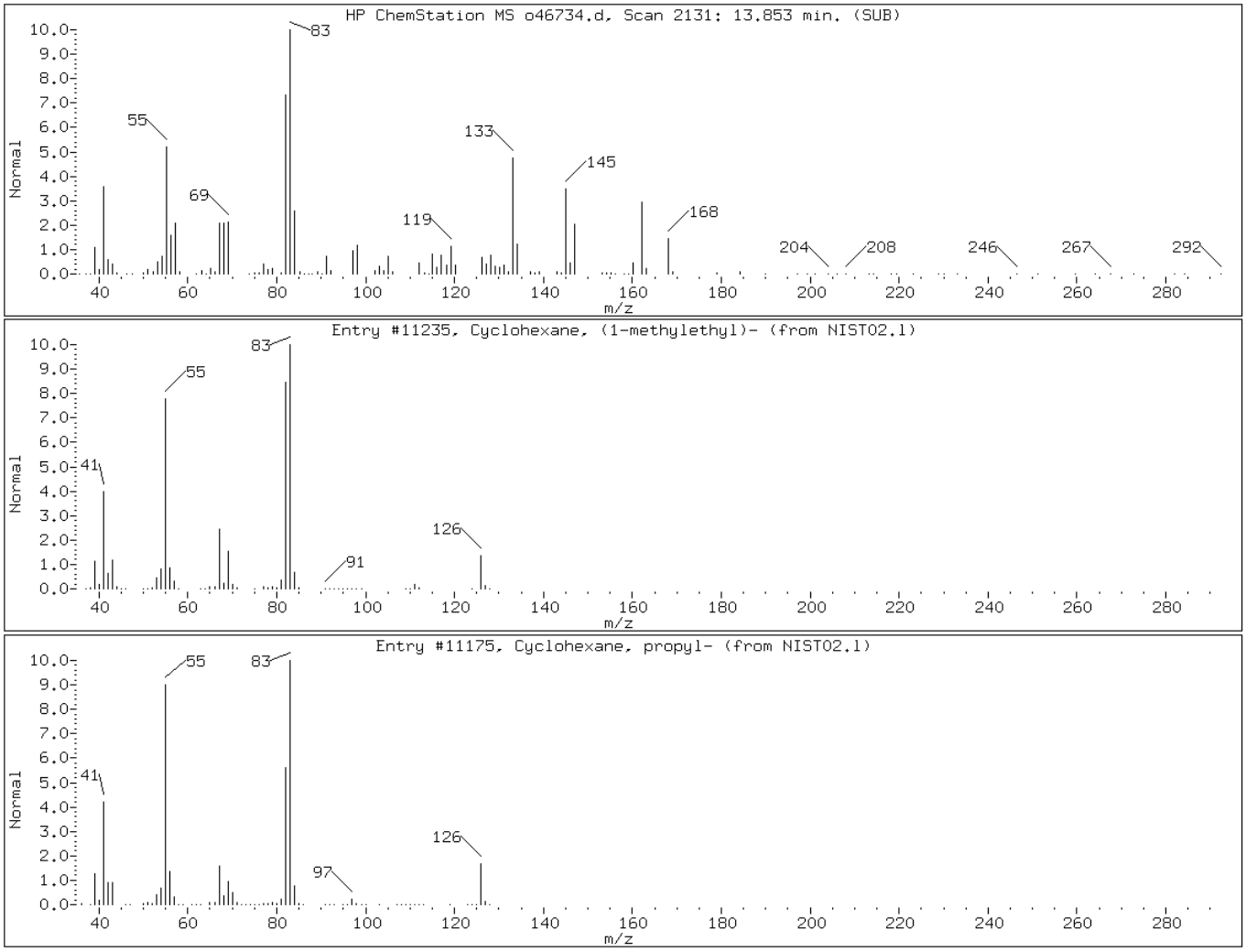
Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

Retention Time: 13.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11235	60	C9H18	126
Cyclohexane, propyl-	1678-92-8	NIST02.l	11175	47	C9H18	126



Data File: o46734.d

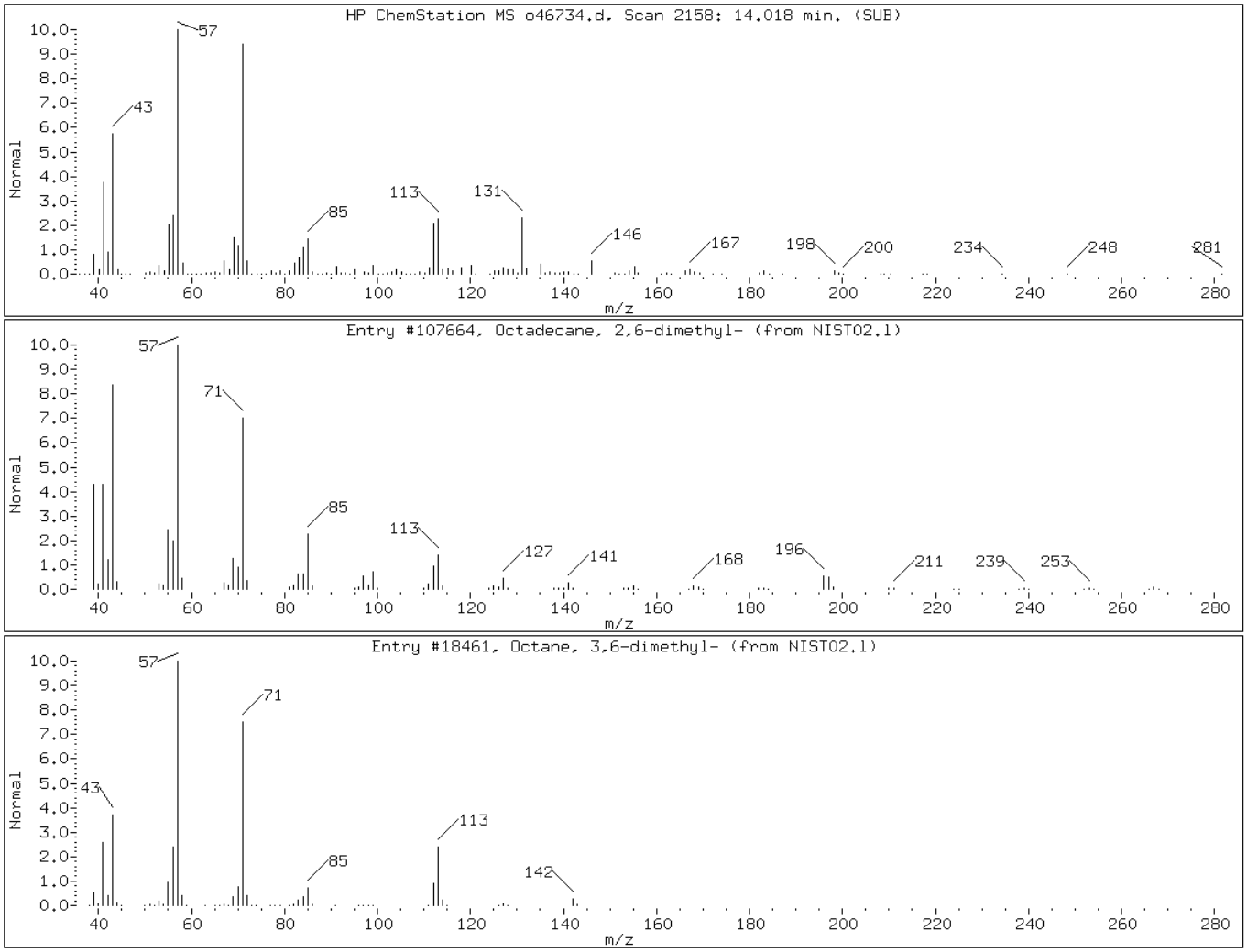
Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

Retention Time: 14.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane-1						
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.l	107664	72	C20H42	282
Octane, 3,6-dimethyl-	15869-94-0	NIST02.l	18461	59	C10H22	142



Data File: o46734.d

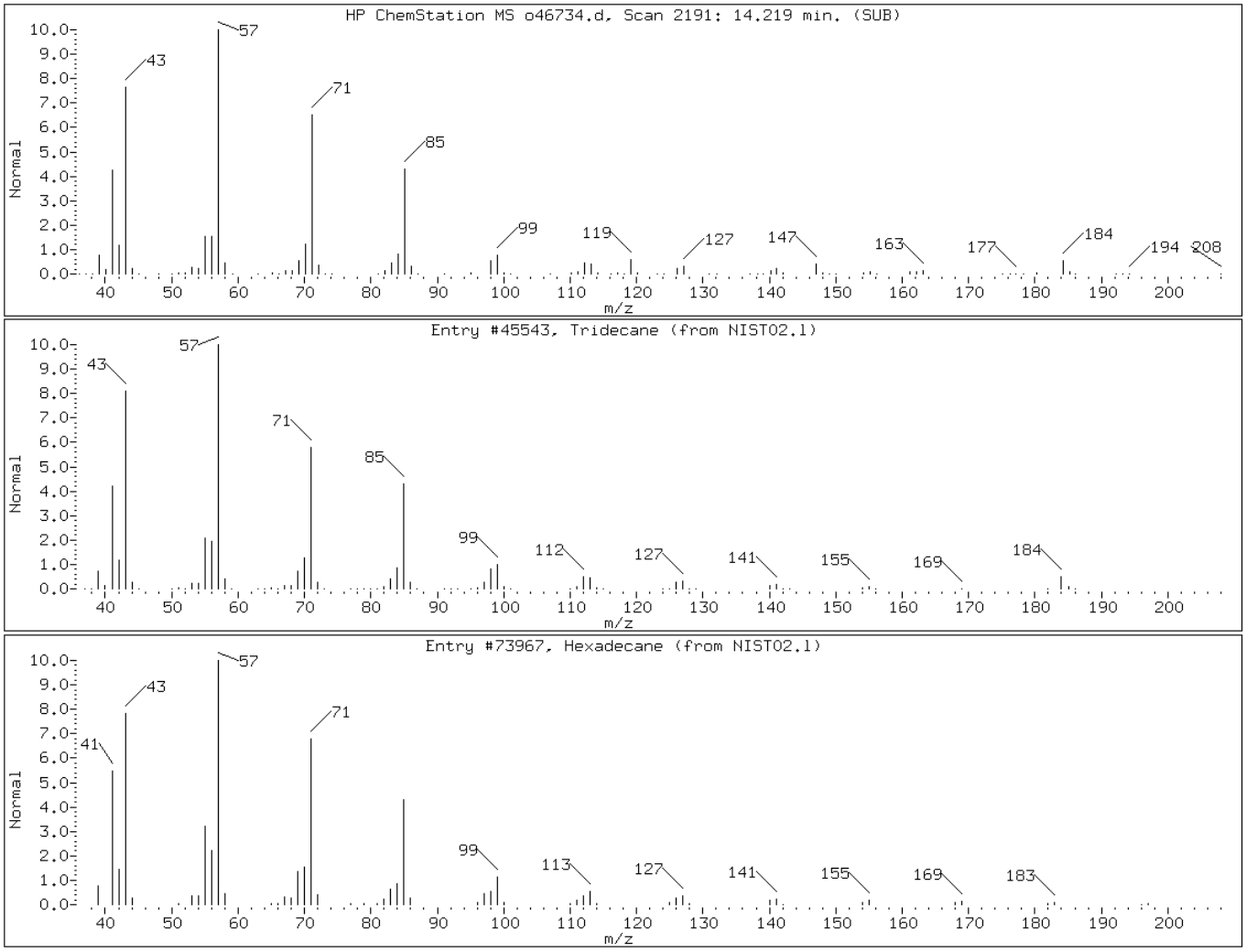
Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

Retention Time: 14.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane-2						
Tridecane	629-50-5	NIST02.l	45543	96	C13H28	184
Hexadecane	544-76-3	NIST02.l	73967	83	C16H34	226



Data File: o46734.d

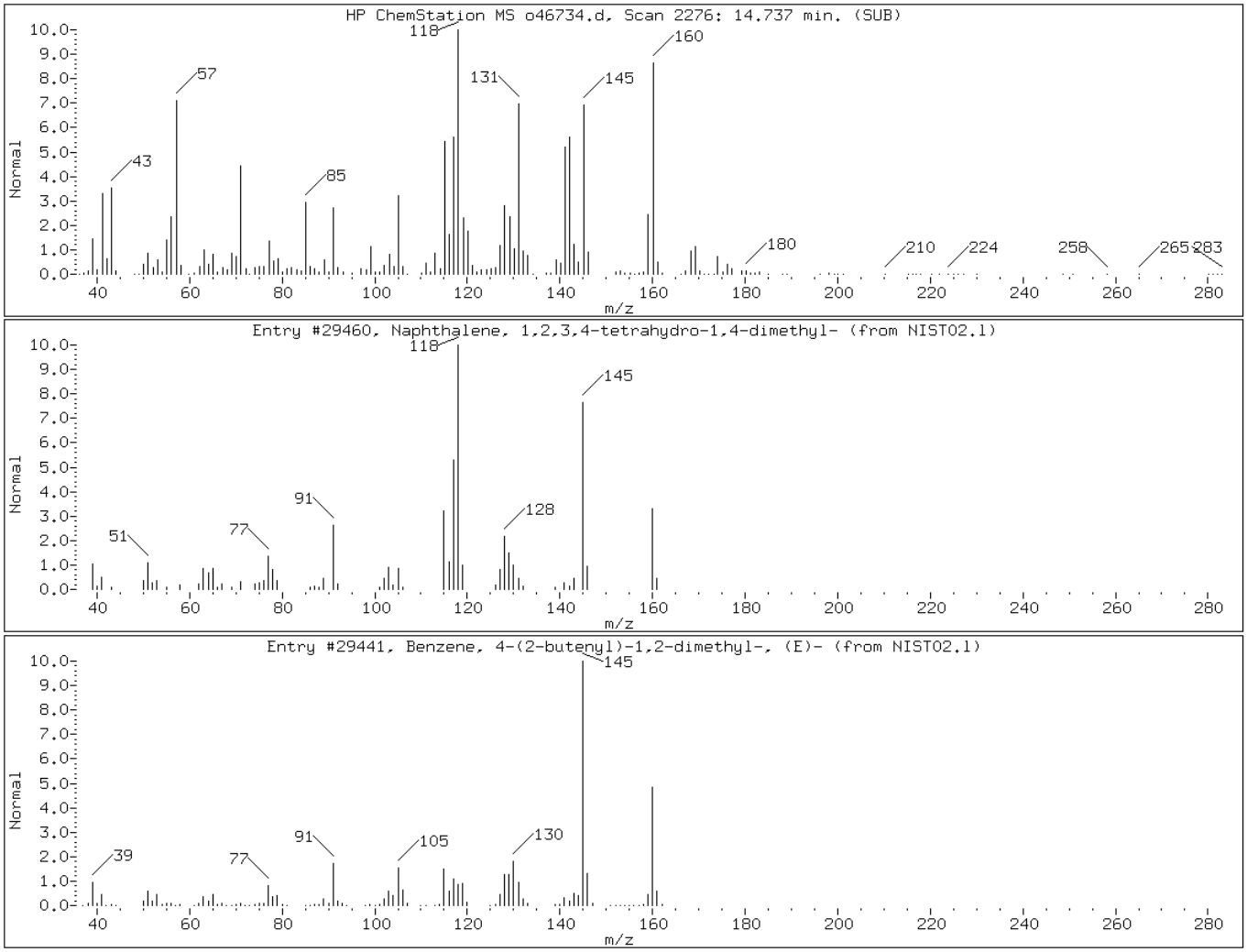
Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

Retention Time: 14.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
Naphthalene, 1,2,3,4-tetrahydro-1,	4175-54-6	NIST02.l	29460	60	C12H16	160
Benzene, 4-(2-butenyl)-1,2-dimethy	54340-86-2	NIST02.l	29441	46	C12H16	160



Data File: o46734.d

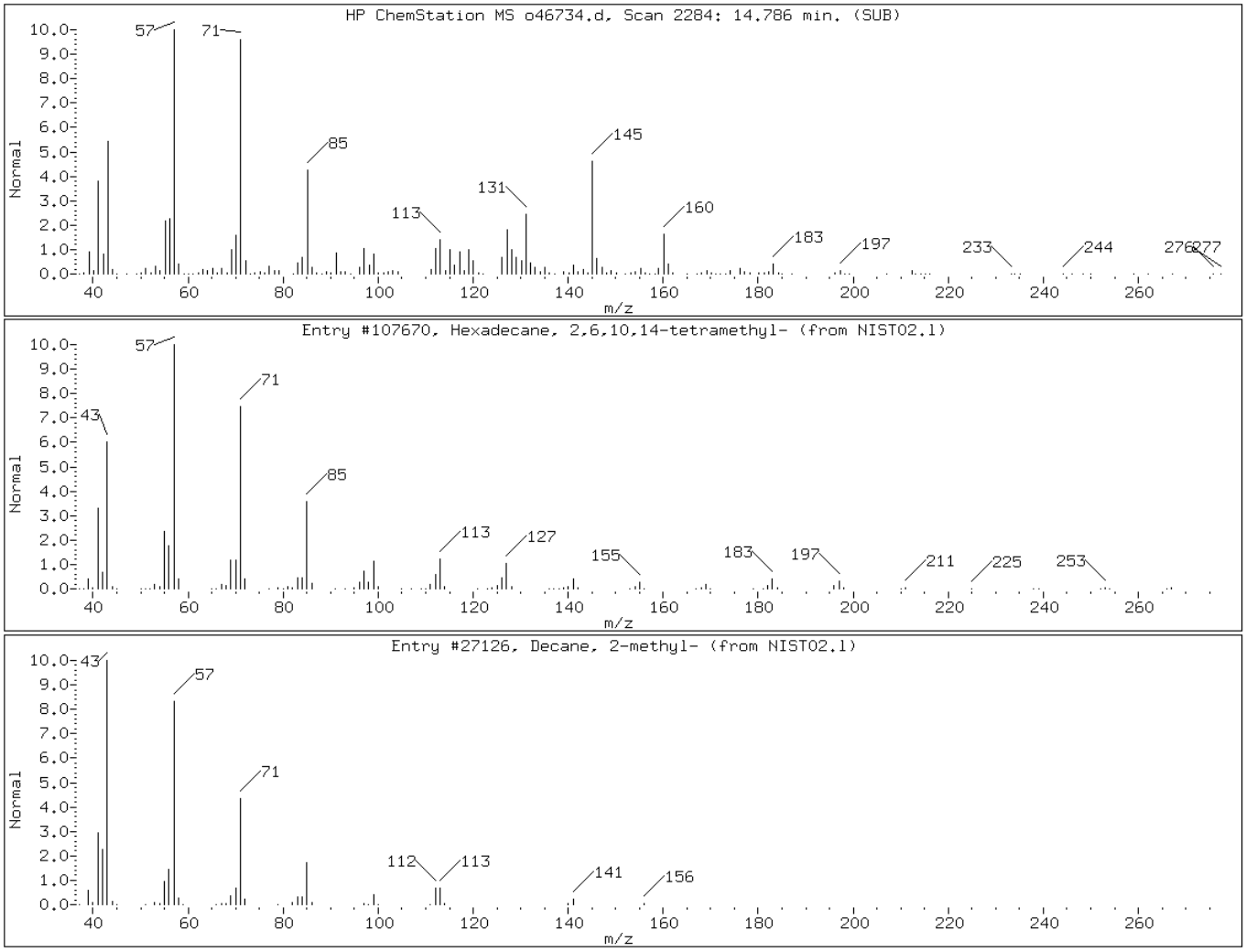
Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

Retention Time: 14.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane-3						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	60	C20H42	282
Decane, 2-methyl-	6975-98-0	NIST02.l	27126	49	C11H24	156



Data File: o46734.d

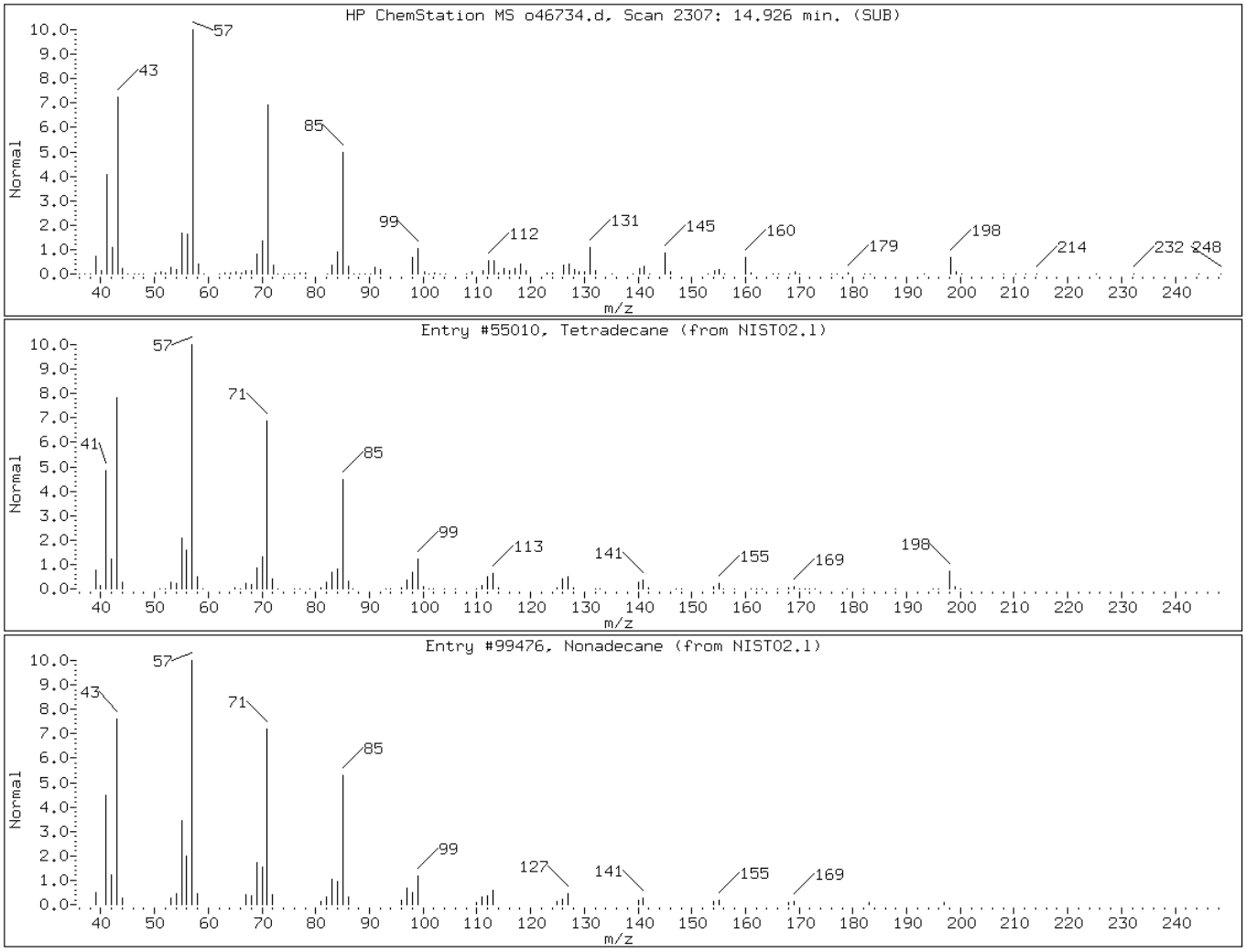
Date: 29-MAR-2011 10:42

Client ID: PMP-17-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24277-D-28-A;;;7.74;5 Operator: VOAMS 9

Retention Time: 14.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tetradecane	629-59-4	NIST02.l	55010	98	C14H30	198
Nonadecane	629-92-5	NIST02.l	99476	90	C19H40	268



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-VD-E (3.5-4) | Lab Sample ID: 460-24277-29

Matrix: Solid | Lab File ID: o46735.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:50

Sample wt/vol: 5.35(g) | Date Analyzed: 03/29/2011 11:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.7 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.66
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-01-4	Vinyl chloride	1.0	U	1.0	0.24
75-00-3	Chloroethane	1.0	U	1.0	0.41
75-09-2	Methylene Chloride	1.0	U	1.0	0.49
67-64-1	Acetone	7.5	J	10	3.8
75-15-0	Carbon disulfide	1.0	U	1.0	0.48
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.27
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.38
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.29
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.25
78-93-3	2-Butanone	10	U	10	0.59
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.40
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.77
75-25-2	Bromoform	1.0	U	1.0	0.73
100-42-5	Styrene	1.0	U	1.0	0.36
100-41-4	Ethylbenzene	1.0	U	1.0	0.20
108-90-7	Chlorobenzene	1.0	U	1.0	0.50
110-82-7	Cyclohexane	1.0	U	1.0	0.23
98-82-8	Isopropylbenzene	1.0	U	1.0	0.27
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.36
76-13-1	Freon TF	1.0	U	1.0	0.49
79-20-9	Methyl acetate	1.0	U	1.0	0.93
123-91-1	1,4-Dioxane	52	U	52	4.3
79-01-6	Trichloroethene	1.0	U	1.0	0.38
108-88-3	Toluene	1.0	U	1.0	0.31
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.23
108-10-1	4-Methyl-2-pentanone	10	U	10	0.74
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.21
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.66
541-73-1	1,3-Dichlorobenzene	1.9		1.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-VD-E (3.5-4) | Lab Sample ID: 460-24277-29

Matrix: Solid | Lab File ID: o46735.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:50

Sample wt/vol: 5.35(g) | Date Analyzed: 03/29/2011 11:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.7 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	5.2		1.0	0.74
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.55
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.67
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.33
108-87-2	Methylcyclohexane	1.0	U	1.0	0.28
127-18-4	Tetrachloroethene	1.0	U	1.0	0.34
1330-20-7	Xylenes, Total	1.4	J	3.1	0.81
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.63
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.79
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.61
124-48-1	Dibromochloromethane	1.0	U	1.0	0.58
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.54
75-71-8	Dichlorodifluoromethane	1.0	U *	1.0	0.42
74-97-5	Bromochloromethane	1.0	U	1.0	0.28
75-27-4	Bromodichloromethane	1.0	U	1.0	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	97		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-VD-E (3.5-4) Lab Sample ID: 460-24277-29

Matrix: Solid Lab File ID: o46735.d

Analysis Method: 8260B Date Collected: 03/18/2011 12:50

Sample wt/vol: 5.35(g) Date Analyzed: 03/29/2011 11:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.7 Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 2330

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C11H24 Alkane	13.29	200	J
	Unknown	13.37	140	J
	C13H28 Alkane	13.52	410	J
	C13H26 Cycloalkane	13.80	220	J
	Unknown-2	13.87	220	J
	C14H30 Alkane	14.02	470	J
	Unknown-3	14.19	140	J
	C14H28 Cycloalkane	14.26	170	J
	C13H28 Alkane-2	14.79	120	J
	Unknown-5	15.05	240	J

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46735.d
Report Date: 30-Mar-2011 13:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46735.d
Lab Smp Id: 460-24277-D-29-A Client Smp ID: PMP-18-VD-E (3.5-4)
Inj Date : 29-MAR-2011 11:06
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-29-A;;;5.35;5
Misc Info : 460-24277-D-29-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.35000	Weight of sample extracted (g)
M	9.69900	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.807	1.807	(0.448)	6336	7.28960	7.5(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.709	(0.921)	184348	49.4067	51
*	69 Fluorobenzene	96	4.032	4.032	(1.000)	1014770	50.0000	
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	780684	45.0469	47
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	752470	50.0000	
	43 m+p-Xylene	106	8.190	8.184	(1.056)	17139	1.36945	1.4(a)
$	41 Bromofluorobenzene (SUR)	174	9.598	9.604	(0.837)	297729	48.6882	50
	102 1,3,5-Trimethylbenzene	105	10.390	10.384	(0.906)	28910	1.02783	1.1
	100 1,2,4-Trimethylbenzene	105	10.994	10.994	(0.959)	28539	0.99518	1.0(a)
	67 1,3-Dichlorobenzene	146	11.360	11.360	(0.990)	30725	1.83438	1.9
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.469	(1.000)	410724	50.0000	
	68 1,4-Dichlorobenzene	146	11.500	11.500	(1.003)	82564	5.06364	5.2
M	45 Xylene (Total)	100				17139	1.38486	1.4(a)

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46735.d
Report Date: 30-Mar-2011 13:49

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46735.d
Report Date: 30-Mar-2011 13:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46735.d
Lab Smp Id: 460-24277-D-29-A Client Smp ID: PMP-18-VD-E (3.5-4)
Inj Date : 29-MAR-2011 11:06
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-29-A;;;5.35;5
Misc Info : 460-24277-D-29-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.35000	Weight of sample extracted (g)
M	9.69900	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 91 1,4-Dichlorobenzene-d4	11.470	2475732	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C12H26 Alkane					CAS #:		
12.634	3792956	76.6027107	79	0		0	91
Decahydromethylnaphthalene isomer					CAS #:		
12.890	4152286	83.8597517	87	0		0	91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46735.d
Report Date: 30-Mar-2011 13:49

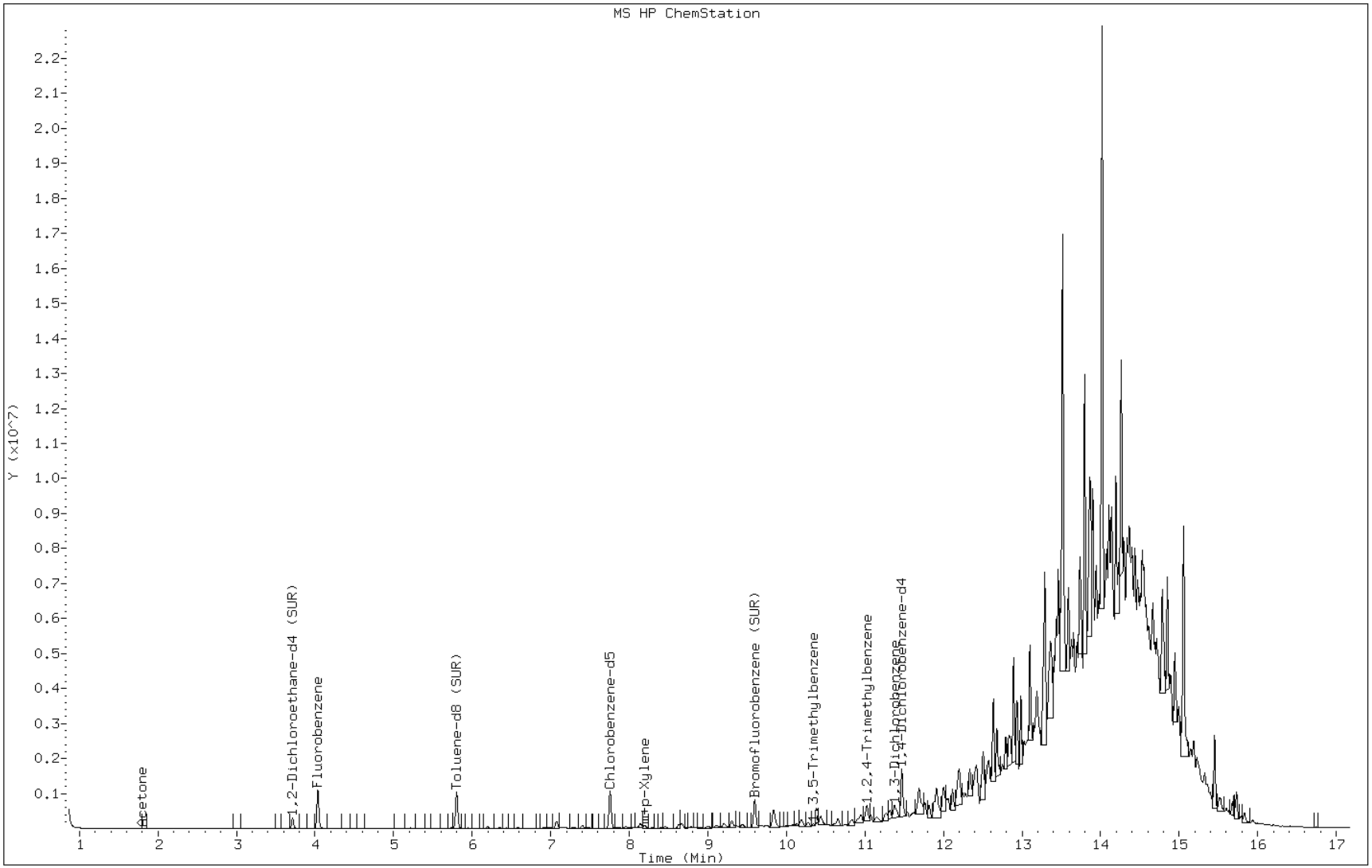
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane					CAS #:		
13.103	4039829	81.5885695	84	0		0	91
C11H24 Alkane					CAS #:		
13.292	9740291	196.715360	200	0		0	91
Unknown					CAS #:		
13.365	6689789	135.107273	140	0		0	91
C13H28 Alkane					CAS #:		
13.518	19711889	398.102204	410	0		0	91
C13H28 Alkane-1					CAS #:		
13.591	3595507	72.6150248	75	0		0	91
Unknown-1					CAS #:		
13.737	4311479	87.0748237	90	0		0	91
C13H26 Cycloalkane					CAS #:		
13.798	10466788	211.387722	220	0		0	91
Unknown-2					CAS #:		
13.865	10600647	214.091149	220	0		0	91
C14H30 Alkane					CAS #:		
14.024	22428098	452.958865	470	0		0	91
Unknown-3					CAS #:		
14.195	6915881	139.673446	140	0		0	91
C14H28 Cycloalkane					CAS #:		
14.262	8210219	165.813949	170	0		0	91
C13H28 Alkane-2					CAS #:		
14.786	5921603	119.592959	120	0		0	91
Unknown-4					CAS #:		
14.853	4051854	81.8314183	85	0		0	91
Unknown-5					CAS #:		
15.054	11305762	228.331674	240	0		0	91

Data File: o46735.d

Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9



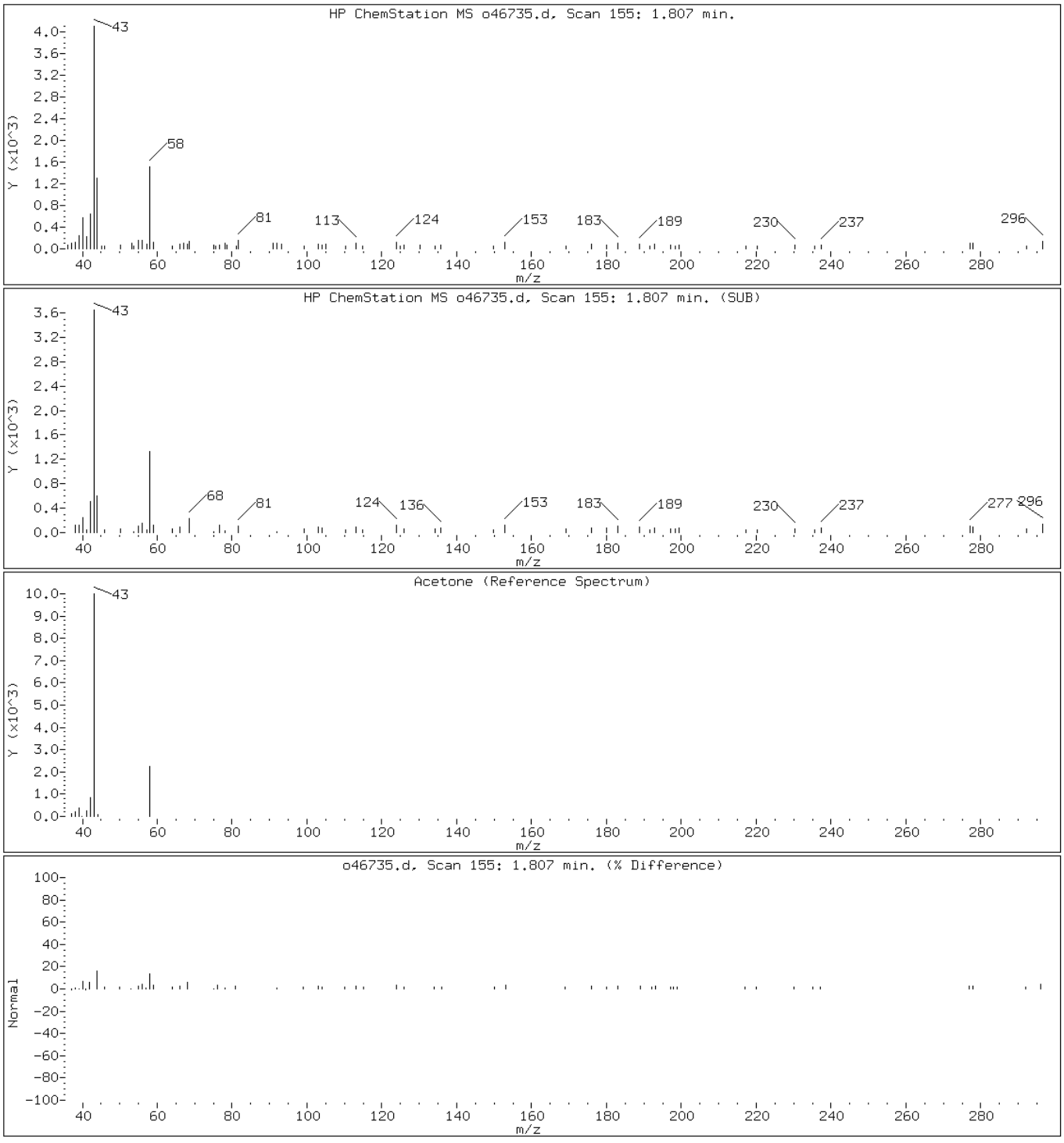
Data File: o46735.d

Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

7 Acetone



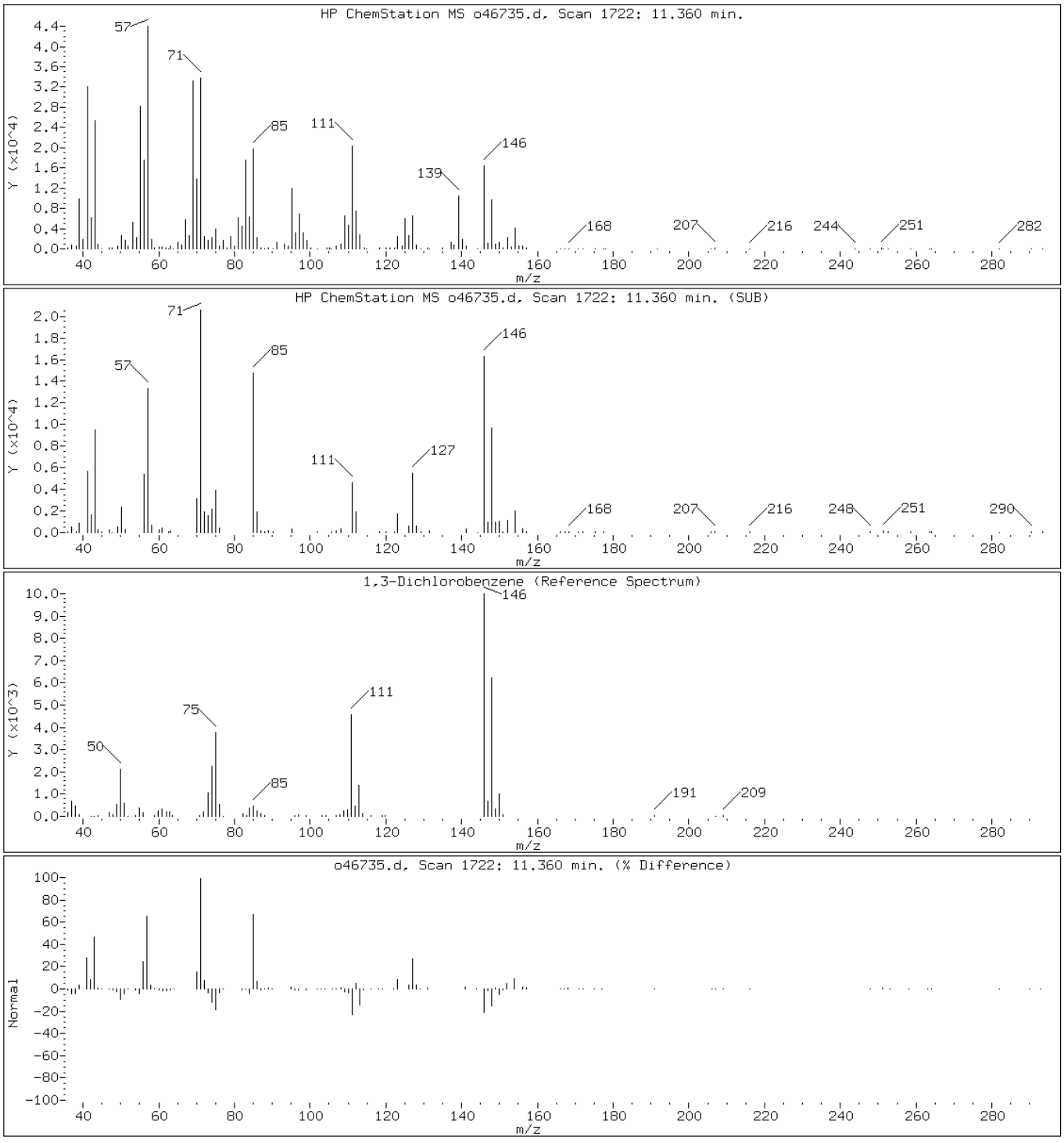
Data File: o46735.d

Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

67 1,3-Dichlorobenzene



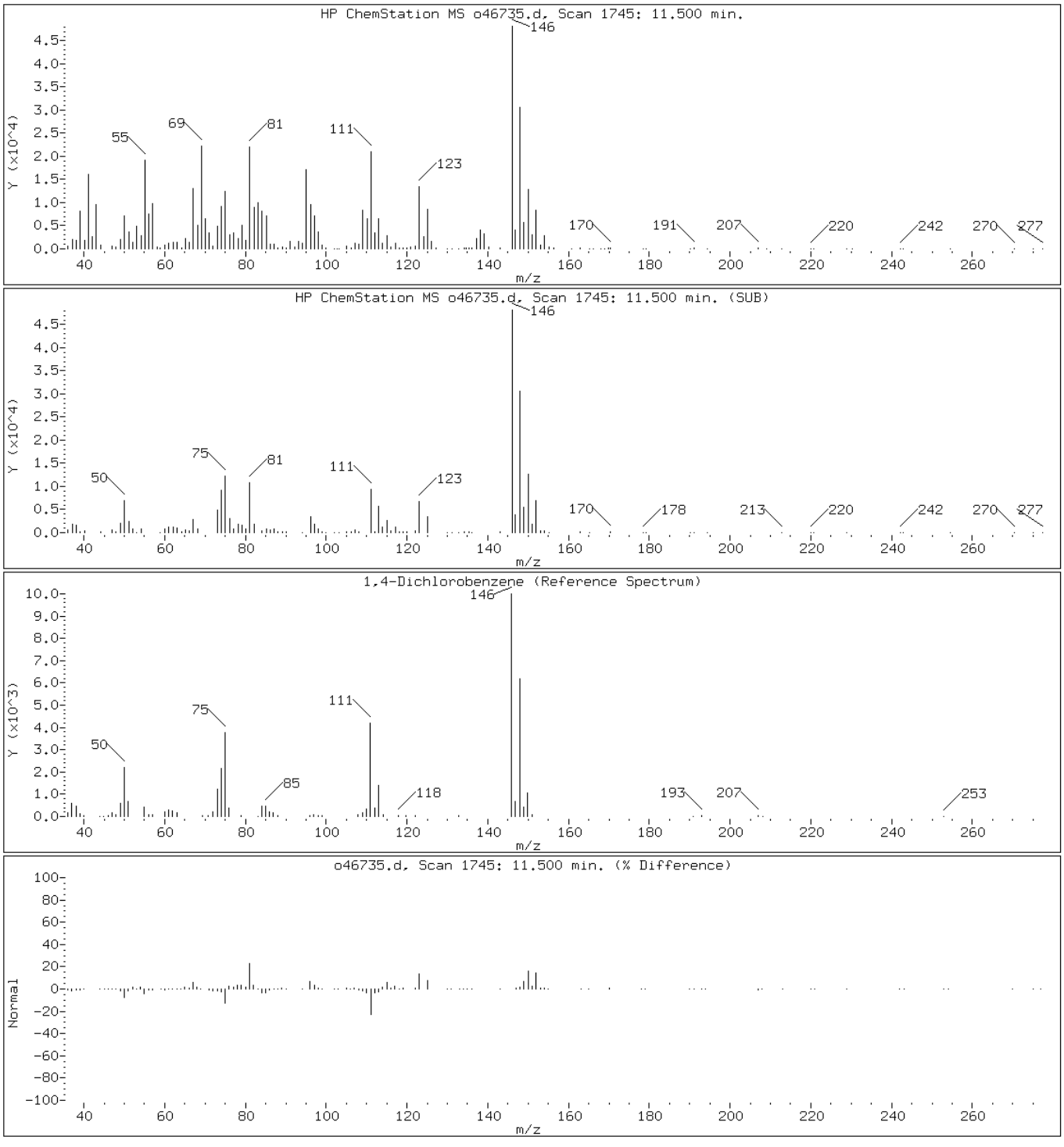
Data File: o46735.d

Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



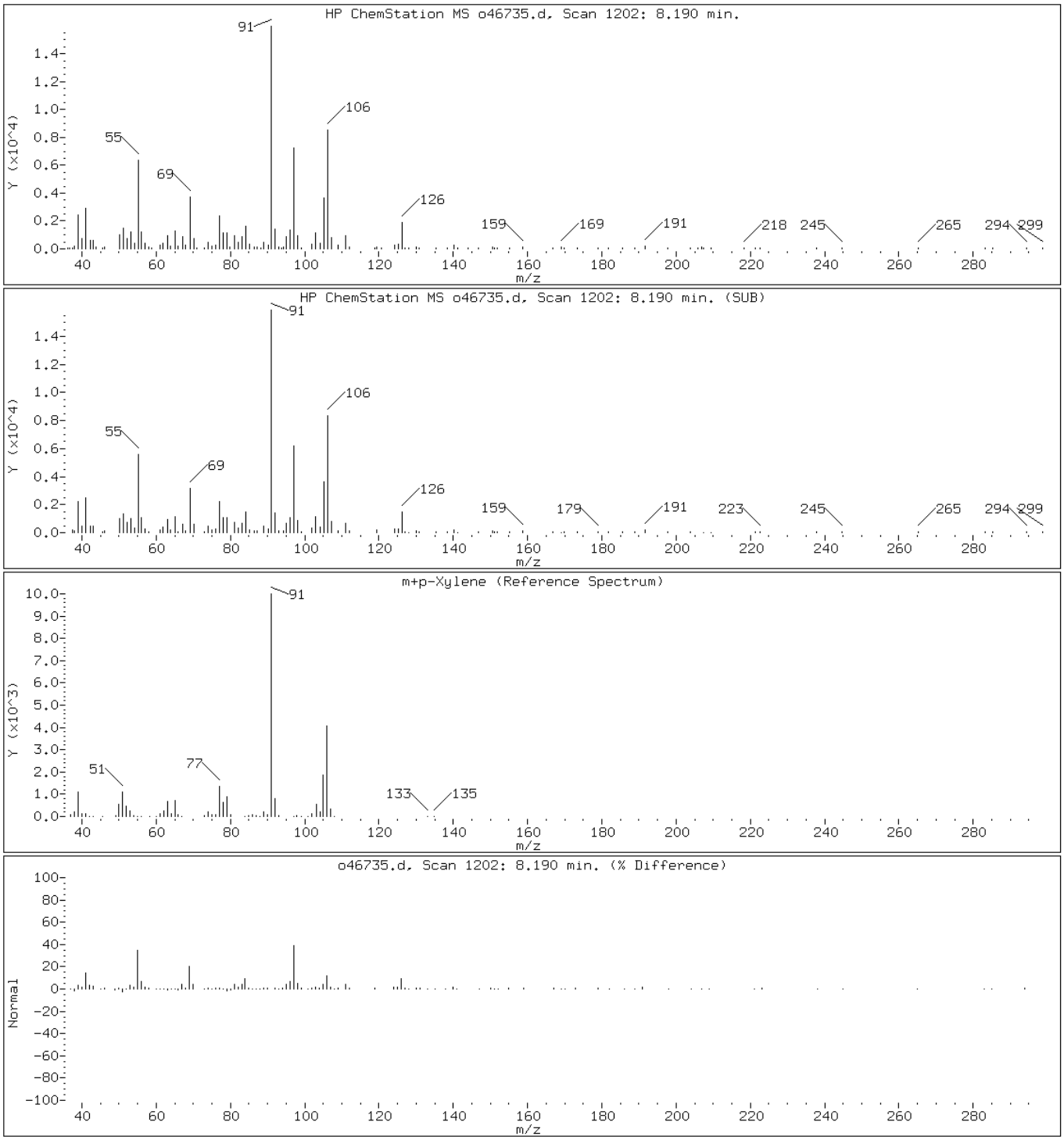
Data File: o46735.d

Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

43 m+p-Xylene



Data File: o46735.d

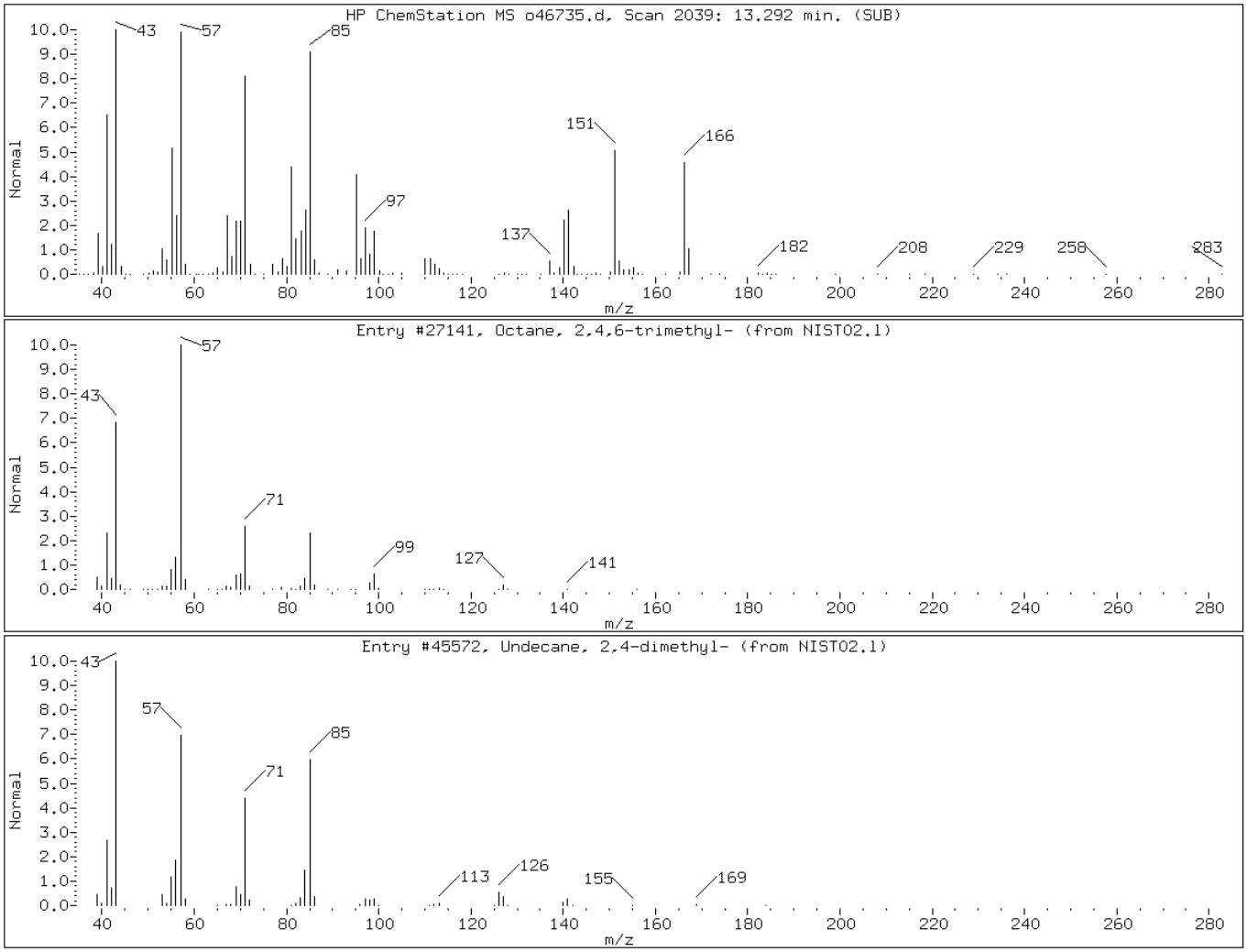
Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

Retention Time: 13.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Octane, 2,4,6-trimethyl-	62016-37-9	NIST02.l	27141	43	C11H24	156
Undecane, 2,4-dimethyl-	17312-80-0	NIST02.l	45572	43	C13H28	184



Data File: o46735.d

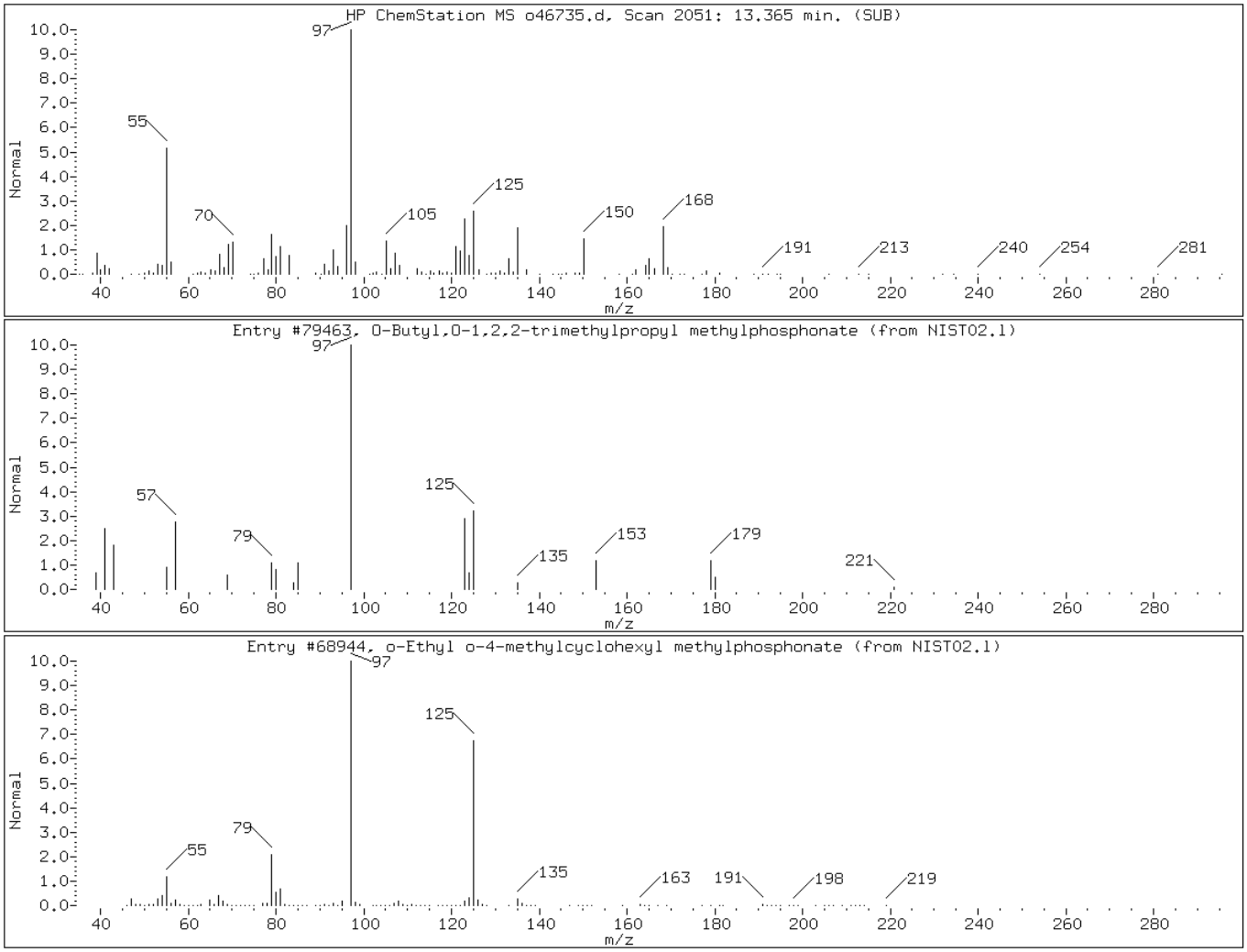
Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

Retention Time: 13.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
O-Butyl,O-1,2,2-trimethylpropyl me	108202-66-0	NIST02.l	79463	37	C11H25O3P	236
o-Ethyl o-4-methylcyclohexyl methy	1000275-28-4	NIST02.l	68944	35	C10H21O3P	220



Data File: o46735.d

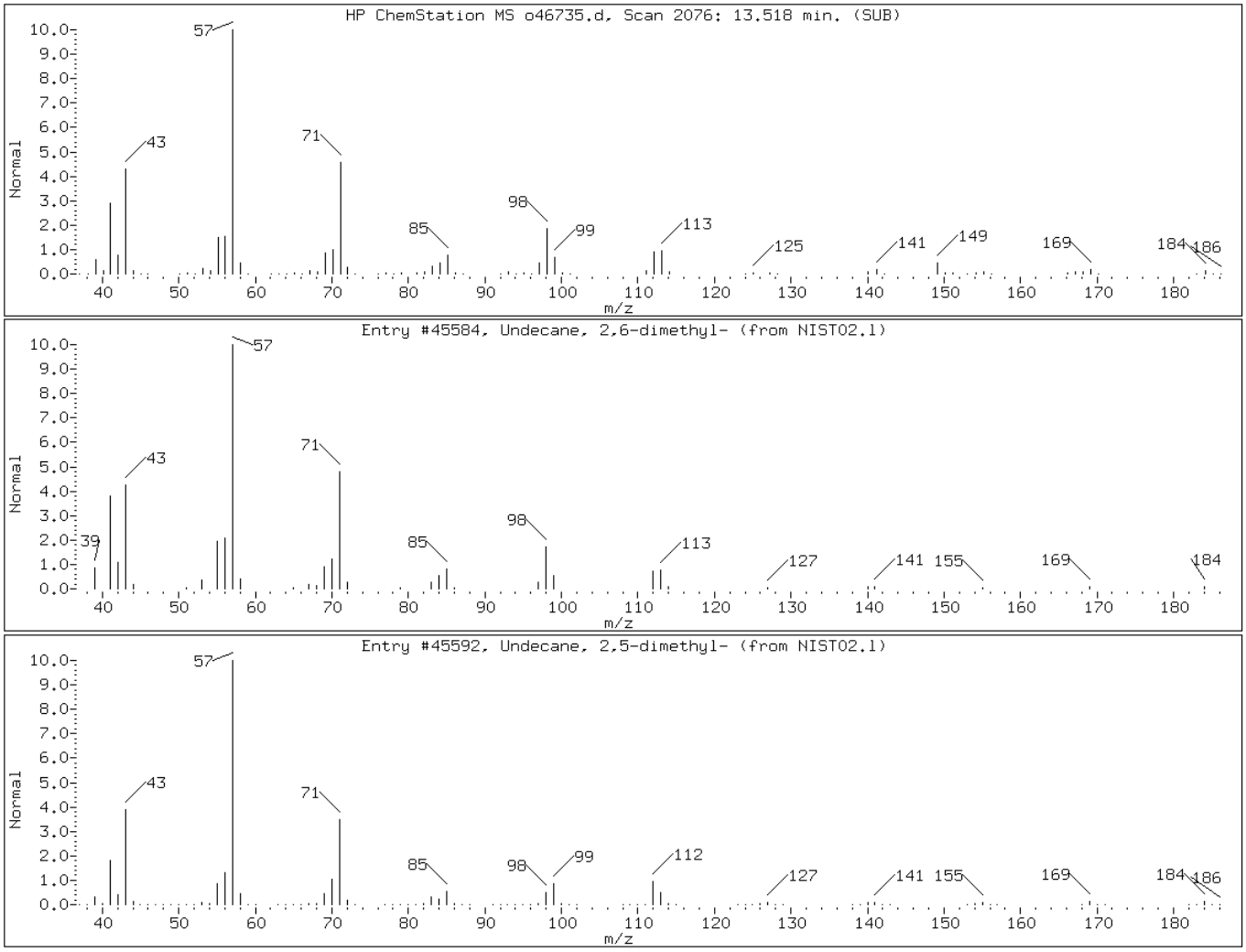
Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

Retention Time: 13.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	95	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	90	C13H28	184



Data File: o46735.d

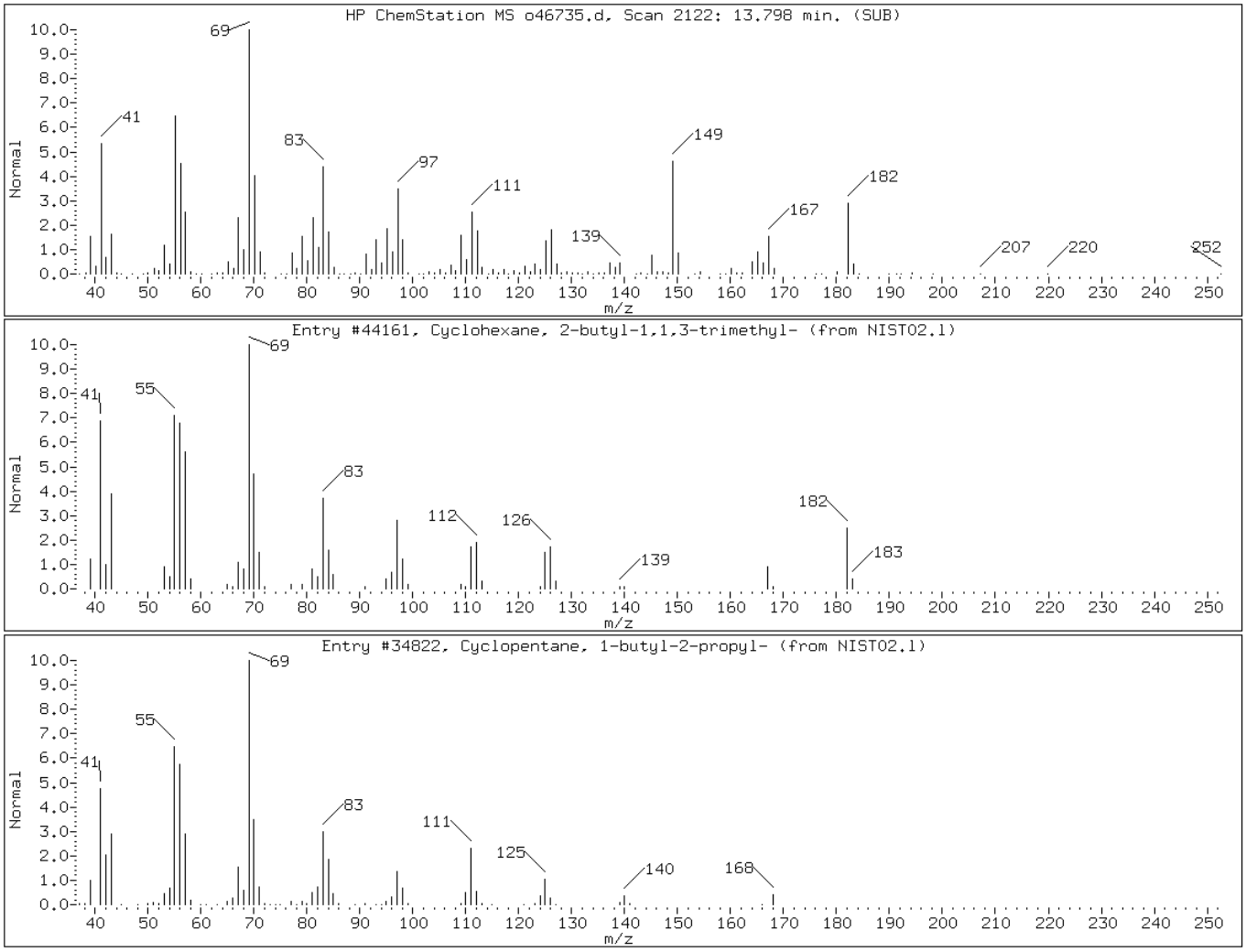
Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

Retention Time: 13.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H26 Cycloalkane						
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44161	91	C13H26	182
Cyclopentane, 1-butyl-2-propyl-	62199-50-2	NIST02.l	34822	49	C12H24	168



Data File: o46735.d

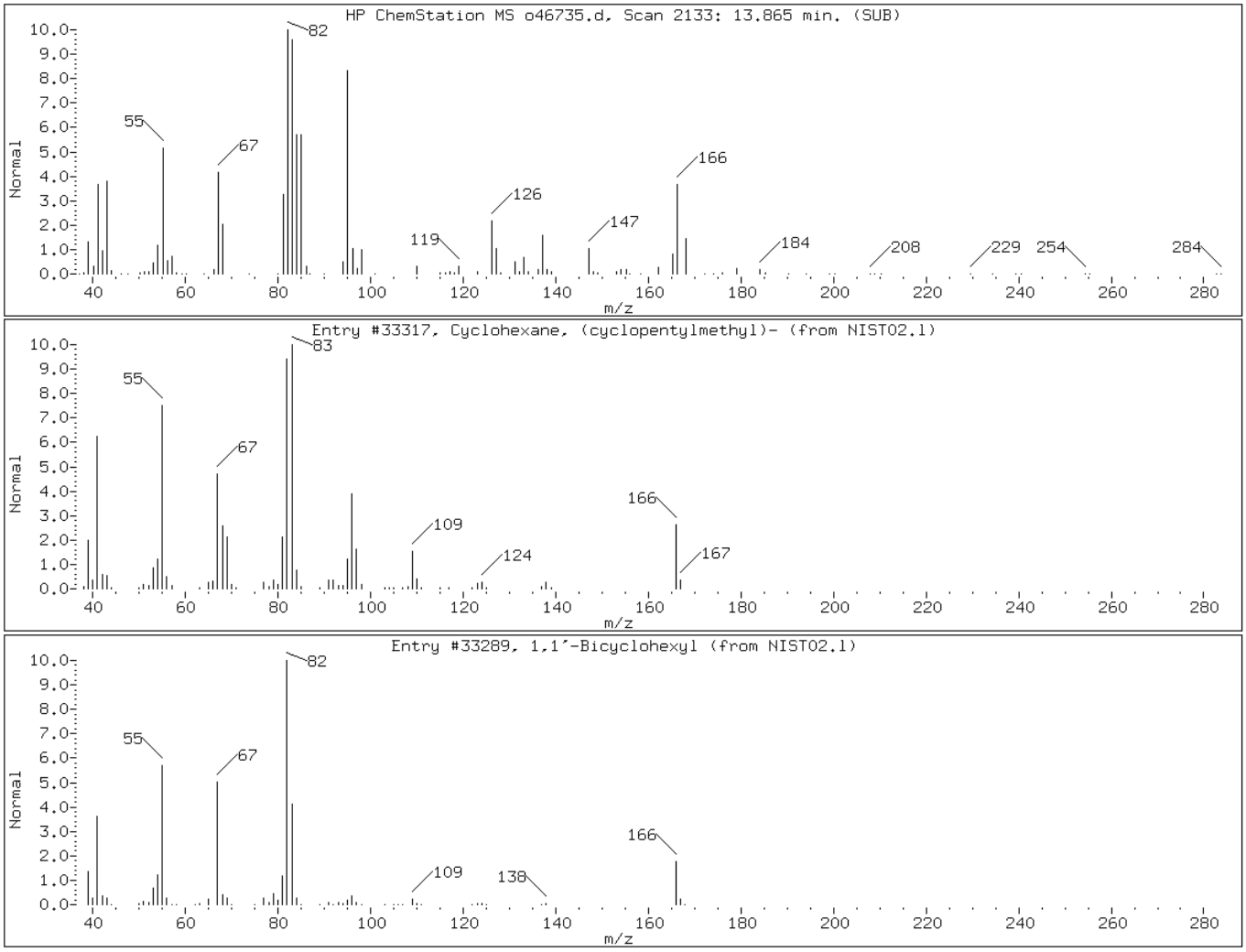
Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

Retention Time: 13.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Cyclohexane, (cyclopentylmethyl)-	4431-89-4	NIST02.l	33317	43	C12H22	166
1,1'-Bicyclohexyl	92-51-3	NIST02.l	33289	35	C12H22	166



Data File: o46735.d

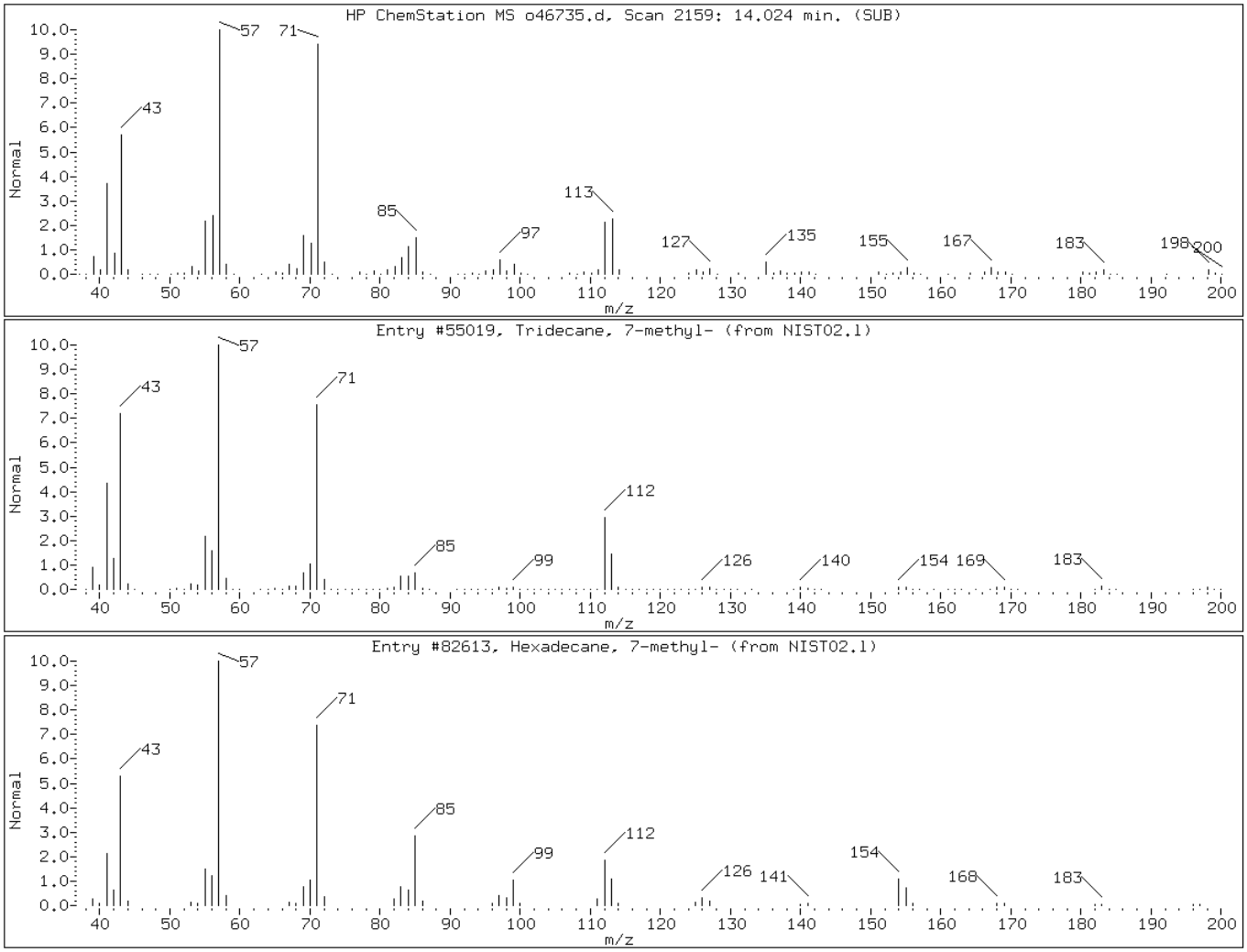
Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

Retention Time: 14.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	89	C14H30	198
Hexadecane, 7-methyl-	26730-20-1	NIST02.l	82613	59	C17H36	240



Data File: o46735.d

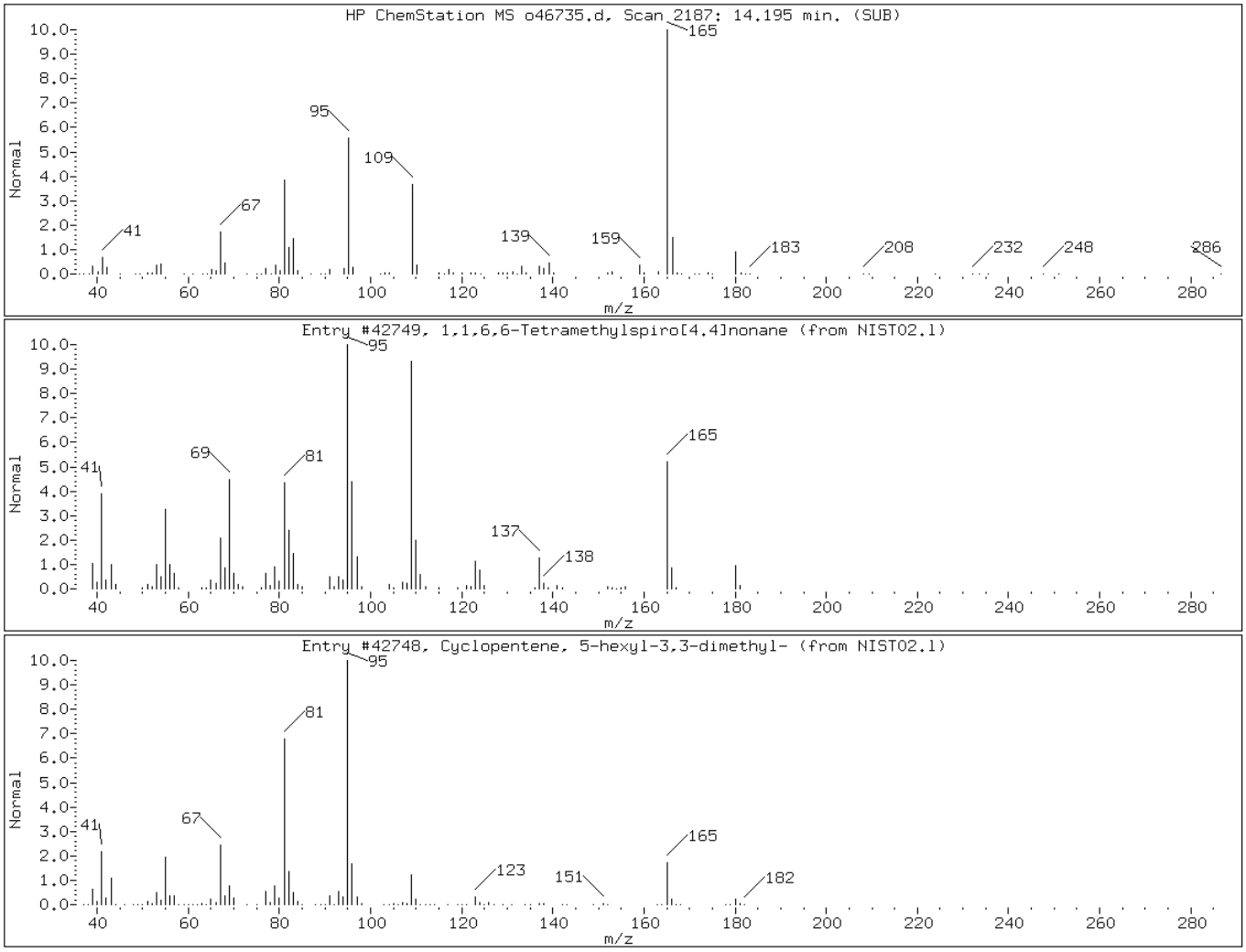
Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

Retention Time: 14.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
1,1,6,6-Tetramethylspiro[4.4]nonan	74054-92-5	NIST02.l	42749	56	C13H24	180
Cyclopentene, 5-hexyl-3,3-dimethyl	61142-66-3	NIST02.l	42748	50	C13H24	180



Data File: o46735.d

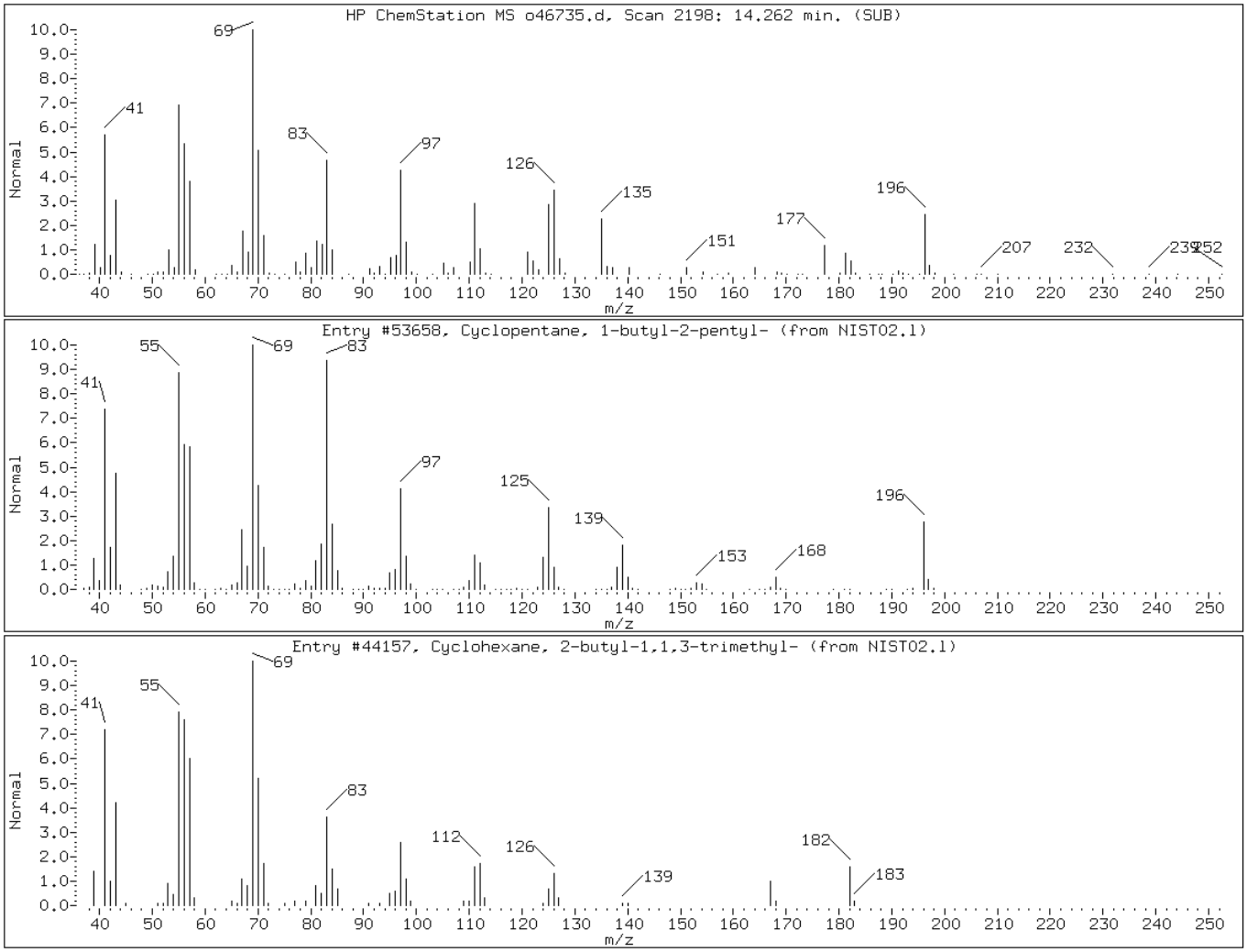
Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

Retention Time: 14.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H28 Cycloalkane						
Cyclopentane, 1-butyl-2-pentyl-	61142-52-7	NIST02.l	53658	83	C14H28	196
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44157	74	C13H26	182



Data File: o46735.d

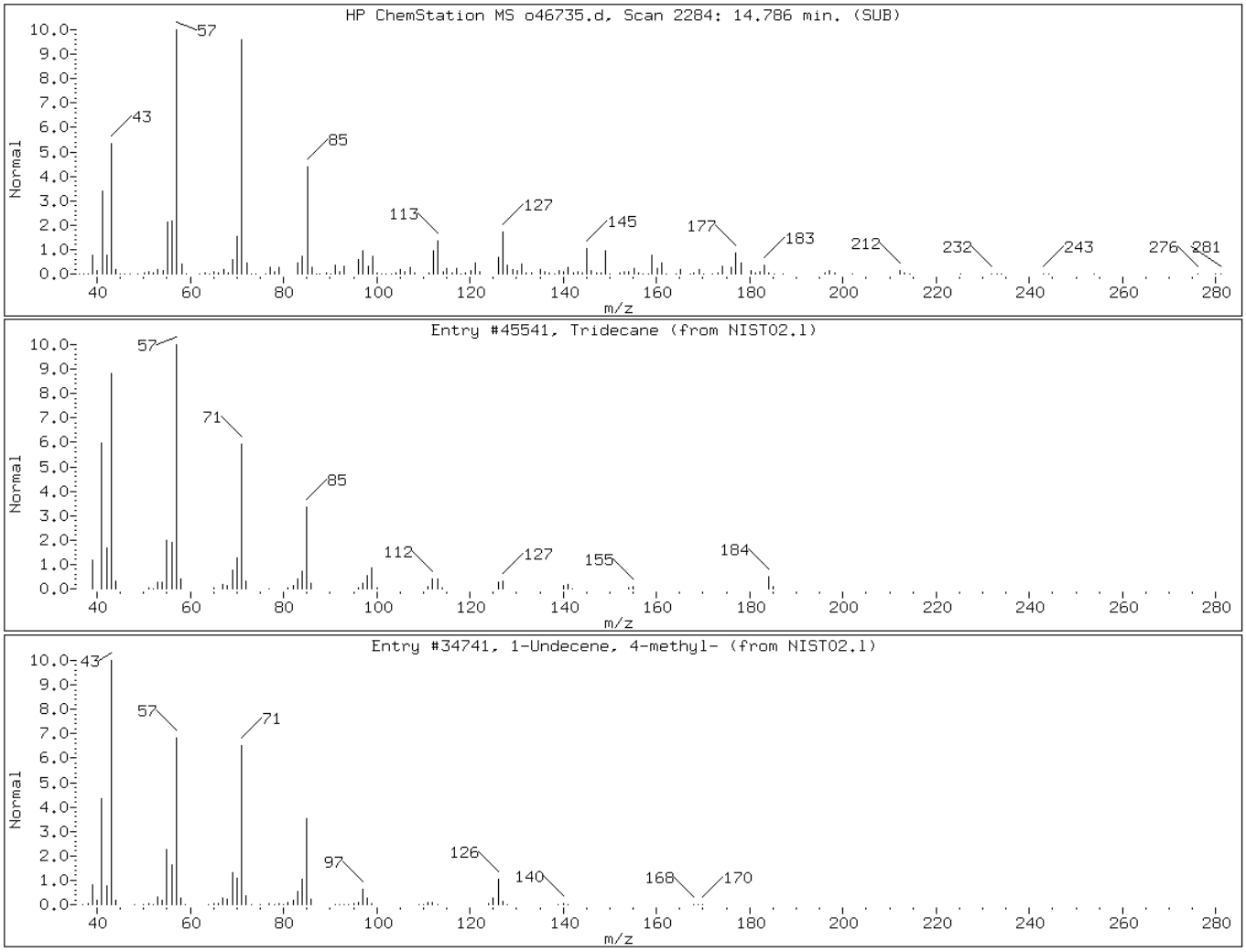
Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

Retention Time: 14.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane-2						
Tridecane	629-50-5	NIST02.l	45541	72	C13H28	184
1-Undecene, 4-methyl-	74630-39-0	NIST02.l	34741	64	C12H24	168



Data File: o46735.d

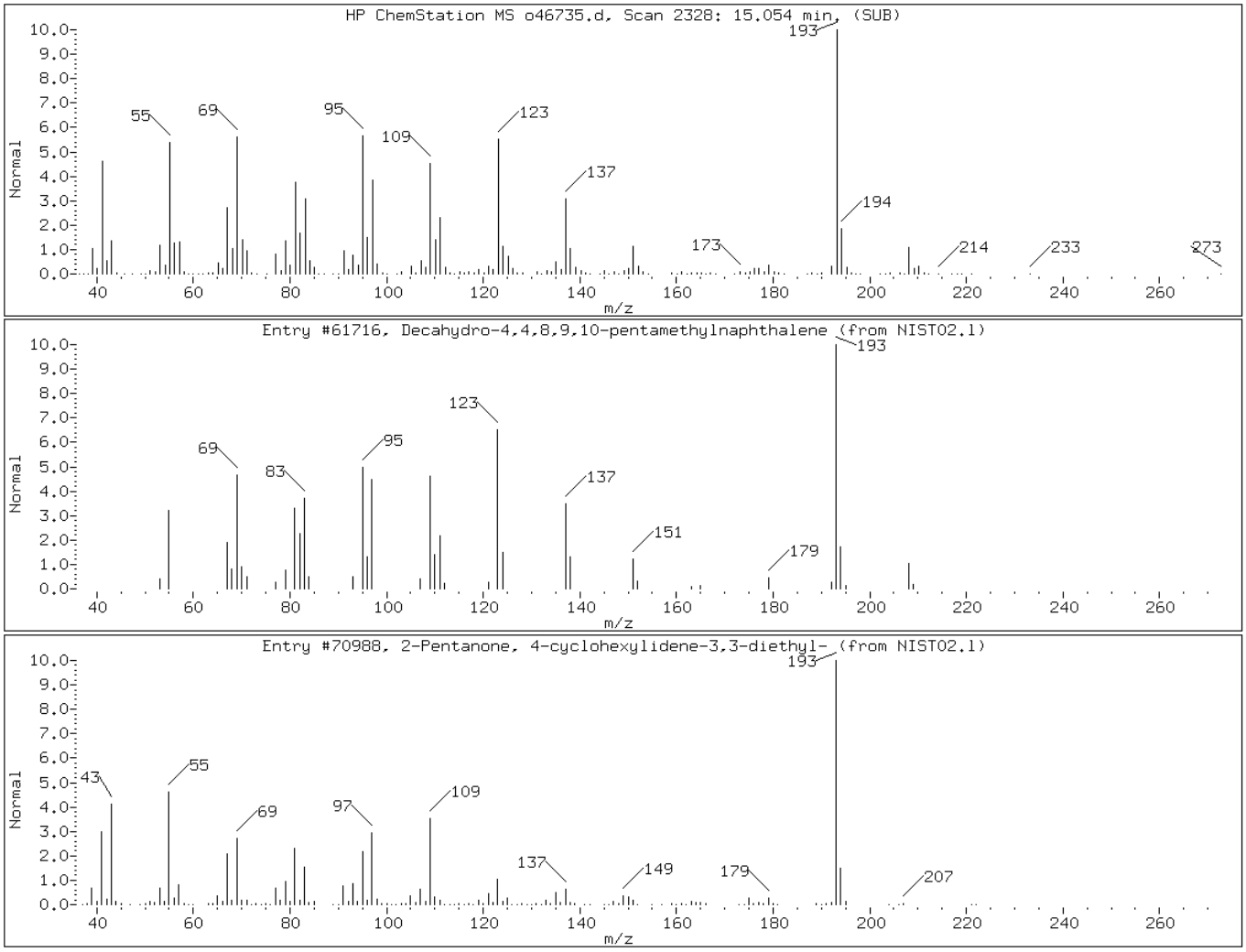
Date: 29-MAR-2011 11:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24277-D-29-A;;;5.35;5 Operator: VOAMS 9

Retention Time: 15.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	99	C15H28	208
2-Pentanone, 4-cyclohexylidene-3,3	313253-65-5	NIST02.l	70988	50	C15H26O	222



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-WT-E (8-8.5) | Lab Sample ID: 460-24277-30

Matrix: Solid | Lab File ID: o46736.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:55

Sample wt/vol: 5.42(g) | Date Analyzed: 03/29/2011 11:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.4 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.64
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.24
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	17		10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.47
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	7.5	J	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.75
75-25-2	Bromoform	1.0	U	1.0	0.71
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.4		1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.49
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	0.75	J	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.35
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	3.0	J	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.1		1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-WT-E (8-8.5) | Lab Sample ID: 460-24277-30

Matrix: Solid | Lab File ID: o46736.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:55

Sample wt/vol: 5.42(g) | Date Analyzed: 03/29/2011 11:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.4 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	4.3		1.0	0.72
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	4.6		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.62
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.77
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.60
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U *	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		70-138
2037-26-5	Toluene-d8 (Surr)	71		66-126
460-00-4	Bromofluorobenzene	75		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-WT-E (8-8.5) | Lab Sample ID: 460-24277-30

Matrix: Solid | Lab File ID: o46736.d

Analysis Method: 8260B | Date Collected: 03/18/2011 12:55

Sample wt/vol: 5.42(g) | Date Analyzed: 03/29/2011 11:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.4 | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 2280

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Decahydronaphthalene isomer	11.91	130	J
	Decahydromethylnaphthalene isomer-1	12.89	150	J
	Tetramethylbenzene isomer-1	13.30	300	J
	Unknown Aromatic	13.36	170	J
	Unknown	13.46	180	J
	C13H28 Alkane	13.52	430	J
	Unknown-1	13.80	140	J
	Unknown Cycloalkane	13.87	250	J
	Unknown Alkane	14.02	330	J
	2,3-dihydro-dimethyl-1H-Indene isomer-2	14.34	200	J

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46736.d
Report Date: 30-Mar-2011 13:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46736.d
Lab Smp Id: 460-24277-D-30-A Client Smp ID: PMP-18-WT-E (8-8.5)
Inj Date : 29-MAR-2011 11:31
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-30-A;;;5.42;5
Misc Info : 460-24277-D-30-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.42000	Weight of sample extracted (g)
M	8.37521	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.807	1.807	(0.448)	15033	16.6631	17
	51 TBA	59	2.160	2.172	(0.536)	9518	24.0185	24
	18 2-Butanone	72	3.026	3.026	(0.750)	4023	7.40205	7.4(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.709	3.709	(0.920)	150248	38.7951	39
*	69 Fluorobenzene	96	4.032	4.032	(1.000)	1053287	50.0000	
	33 4-Methyl-2-Pentanone	43	5.708	5.708	(1.416)	8662	3.00376	3.0(a)
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	639738	35.6705	36
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	778703	50.0000	
	40 Ethylbenzene	106	8.001	8.001	(1.031)	13898	1.34687	1.4
	43 m+p-Xylene	106	8.190	8.184	(1.056)	54769	4.22876	4.2
	44 o-Xylene	106	8.781	8.781	(1.132)	4362	0.34842	0.35(a)
	110 Isopropylbenzene	105	9.391	9.391	(1.211)	22696	0.74405	0.75(a)
$	41 Bromofluorobenzene (SUR)	174	9.598	9.604	(0.837)	245148	37.5149	38
	102 1,3,5-Trimethylbenzene	105	10.384	10.384	(0.905)	597972	19.8942	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46736.d
Report Date: 30-Mar-2011 13:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	115 tert-Butylbenzene	119	10.909	10.909	(0.951)	12413	0.45722	0.46(a)
	100 1,2,4-Trimethylbenzene	105	10.994	10.994	(0.959)	610009	19.9054	20
	67 1,3-Dichlorobenzene	146	11.360	11.360	(0.990)	18841	1.05263	1.0(aH)
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.469	(1.000)	438912	50.0000	
	68 1,4-Dichlorobenzene	146	11.500	11.500	(1.003)	73924	4.24258	4.3
	113 p-Isopropyltoluene	119	11.512	11.512	(1.004)	57178	1.67067	1.7
	111 n-Butylbenzene	91	12.055	12.049	(1.051)	182683	6.00152	6.0
M	45 Xylene (Total)	100				59131	4.61691	4.6

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46736.d
Report Date: 30-Mar-2011 13:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46736.d
Lab Smp Id: 460-24277-D-30-A Client Smp ID: PMP-18-WT-E (8-8.5)
Inj Date : 29-MAR-2011 11:31
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24277-D-30-A;;;5.42;5
Misc Info : 460-24277-D-30-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.42000	Weight of sample extracted (g)
M	8.37521	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 91 1,4-Dichlorobenzene-d4	11.470	3591938	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Decahydronaphthalene isomer					CAS #:		
11.915	9072668	126.292094	130	0		0	91
C12H26 Alkane					CAS #:		
12.634	7621377	106.090037	110	0		0	91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46736.d
Report Date: 30-Mar-2011 13:54

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Decahydromethylnaphthalene isomer					CAS #:		
12.683	5818428	80.9928720	82	0		0	91
Decahydromethylnaphthalene isomer-1					CAS #:		
12.890	11051763	153.841214	150	0		0	91
Tetramethylbenzene isomer					CAS #:		
12.933	8824899	122.843131	120	0		0	91
C12H26 Alkane-1					CAS #:		
13.103	8664470	120.609961	120	0		0	91
Tetramethylbenzene isomer-1					CAS #:		
13.305	21099516	293.706564	300	0		0	91
Unknown Aromatic					CAS #:		
13.359	12066378	167.964720	170	0		0	91
Unknown					CAS #:		
13.463	12859714	179.008008	180	0		0	91
C13H28 Alkane					CAS #:		
13.524	30425532	423.525272	430	0		0	91
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
13.743	8571962	119.322235	120	0		0	91
Unknown-1					CAS #:		
13.798	10245407	142.616689	140	0		0	91
Unknown Cycloalkane					CAS #:		
13.865	17625885	245.353401	250	0		0	91(L)
Unknown Alkane					CAS #:		
14.024	23836519	331.805807	330	0		0	91(L)
2,3-dihydro-dimethyl-1H-Indene isomer-1					CAS #:		
14.201	6179083	86.0132147	87	0		0	91
Unknown Alkene					CAS #:		
14.262	5377265	74.8518603	75	0		0	91
2,3-dihydro-dimethyl-1H-Indene isomer-2					CAS #:		
14.341	14247238	198.322432	200	0		0	91

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46736.d
Report Date: 30-Mar-2011 13:54

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-2					CAS #:		
14.786	8675872	120.768668	120	0		0	91

QC Flag Legend

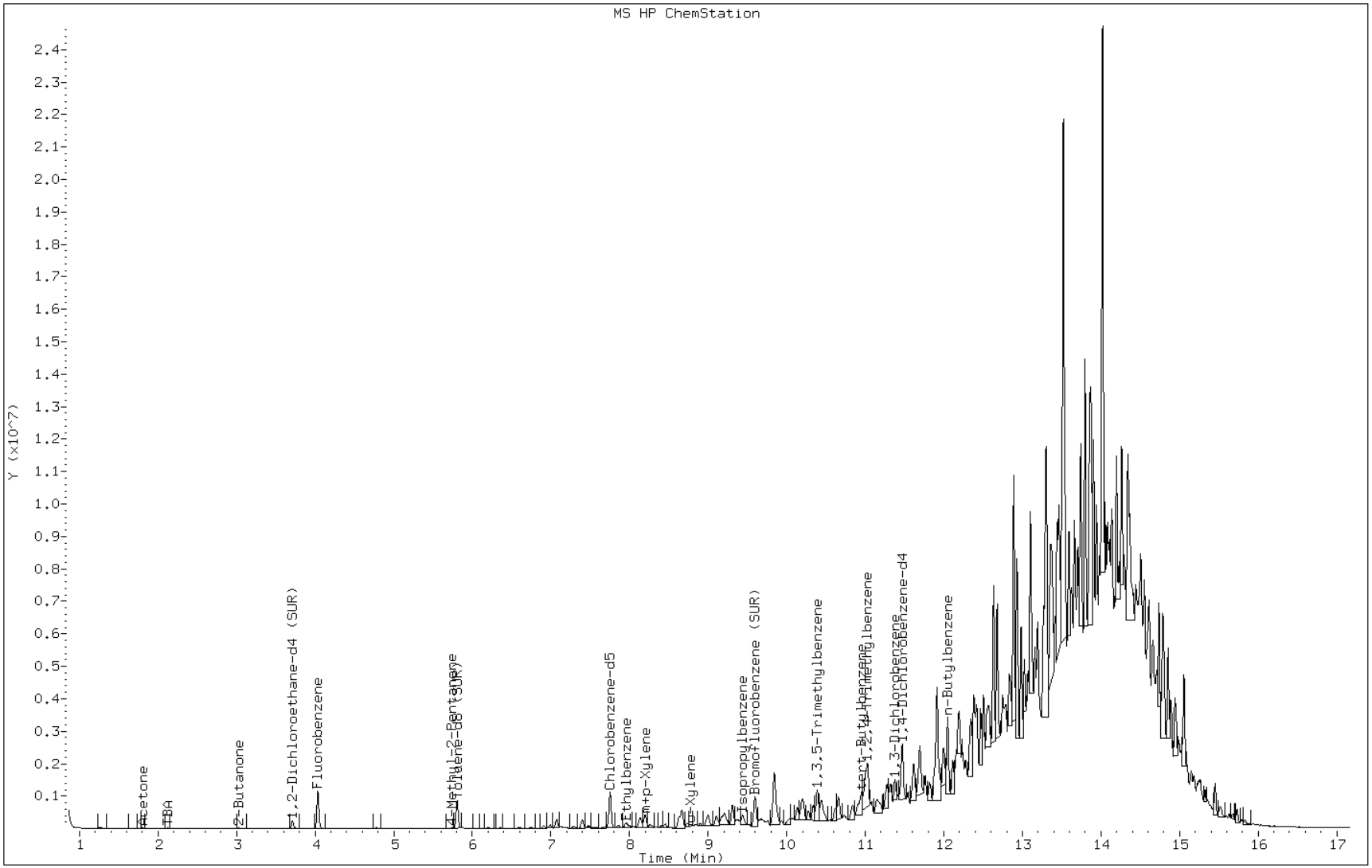
L - Operator selected an alternate library search match.

Data File: o46736.d

Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9



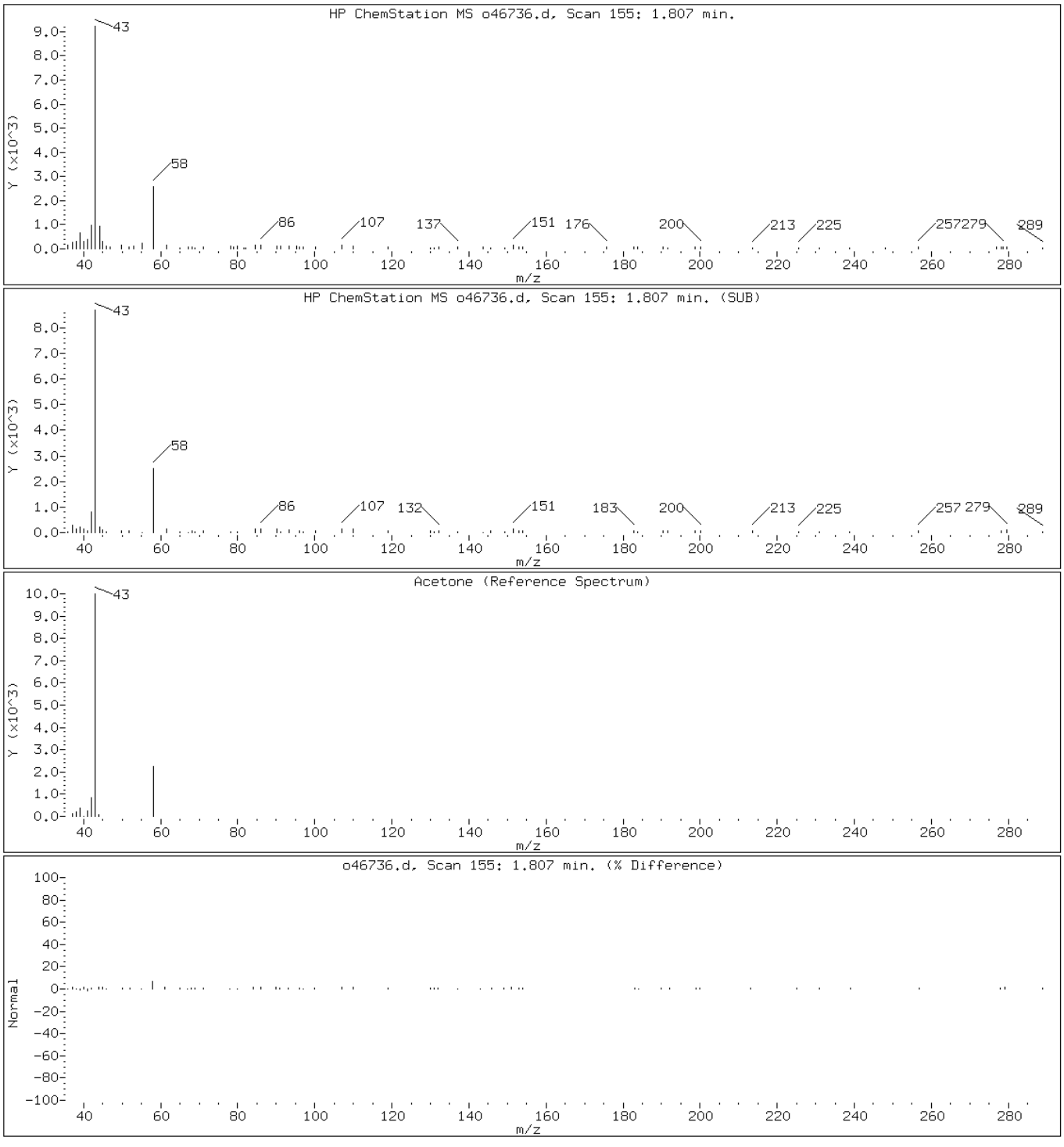
Data File: o46736.d

Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

7 Acetone



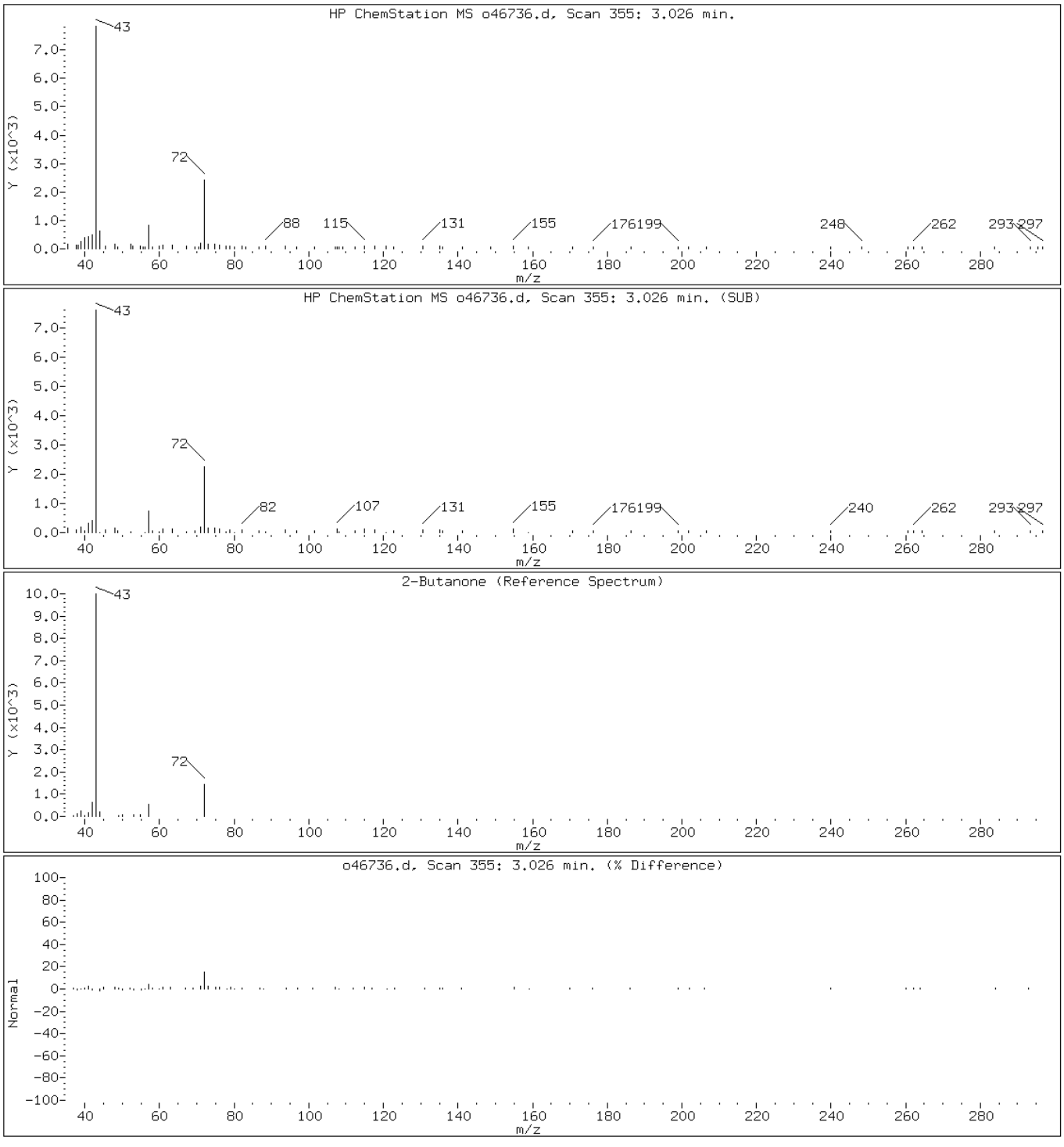
Data File: o46736.d

Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

18 2-Butanone



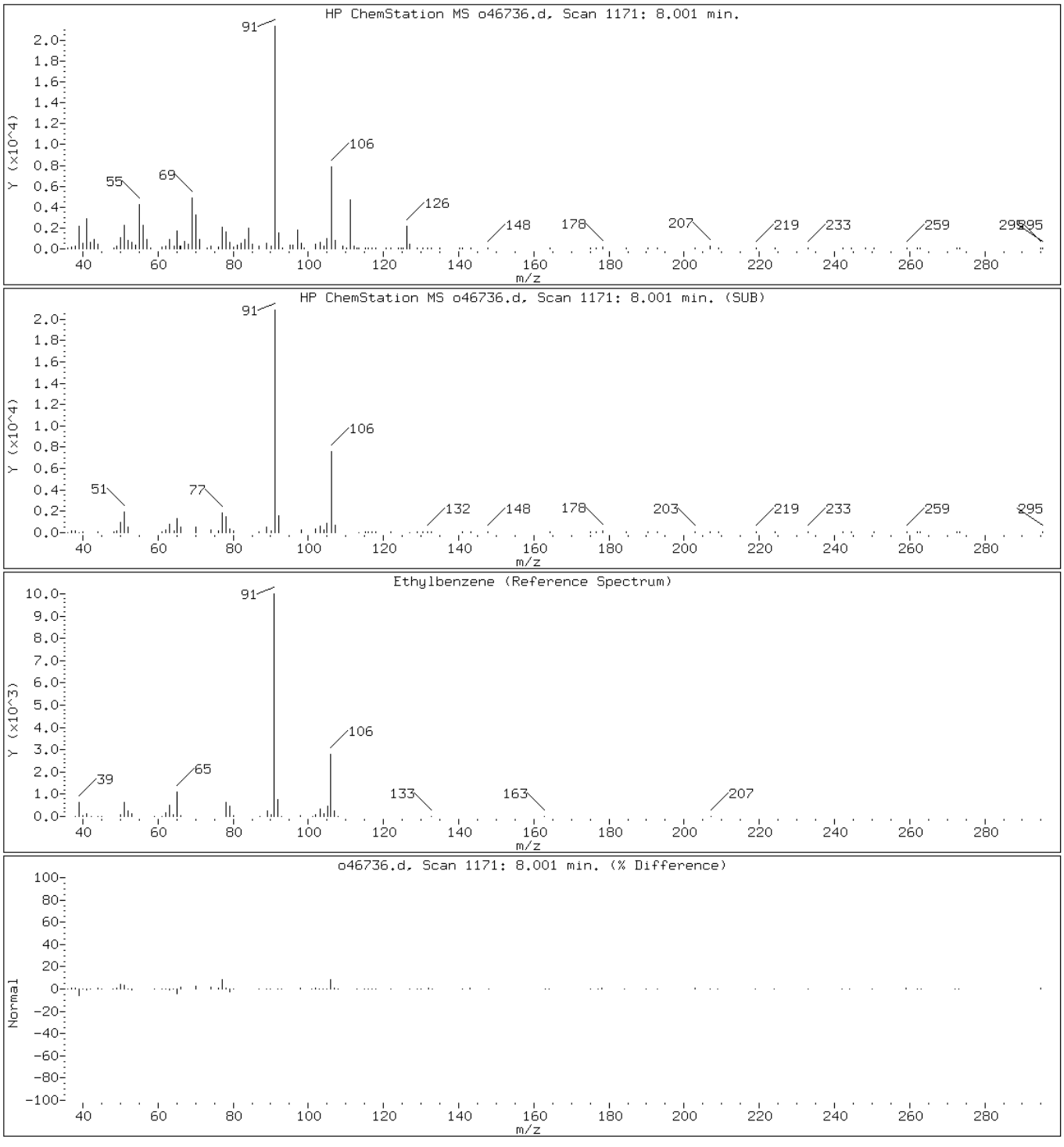
Data File: o46736.d

Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

40 Ethylbenzene



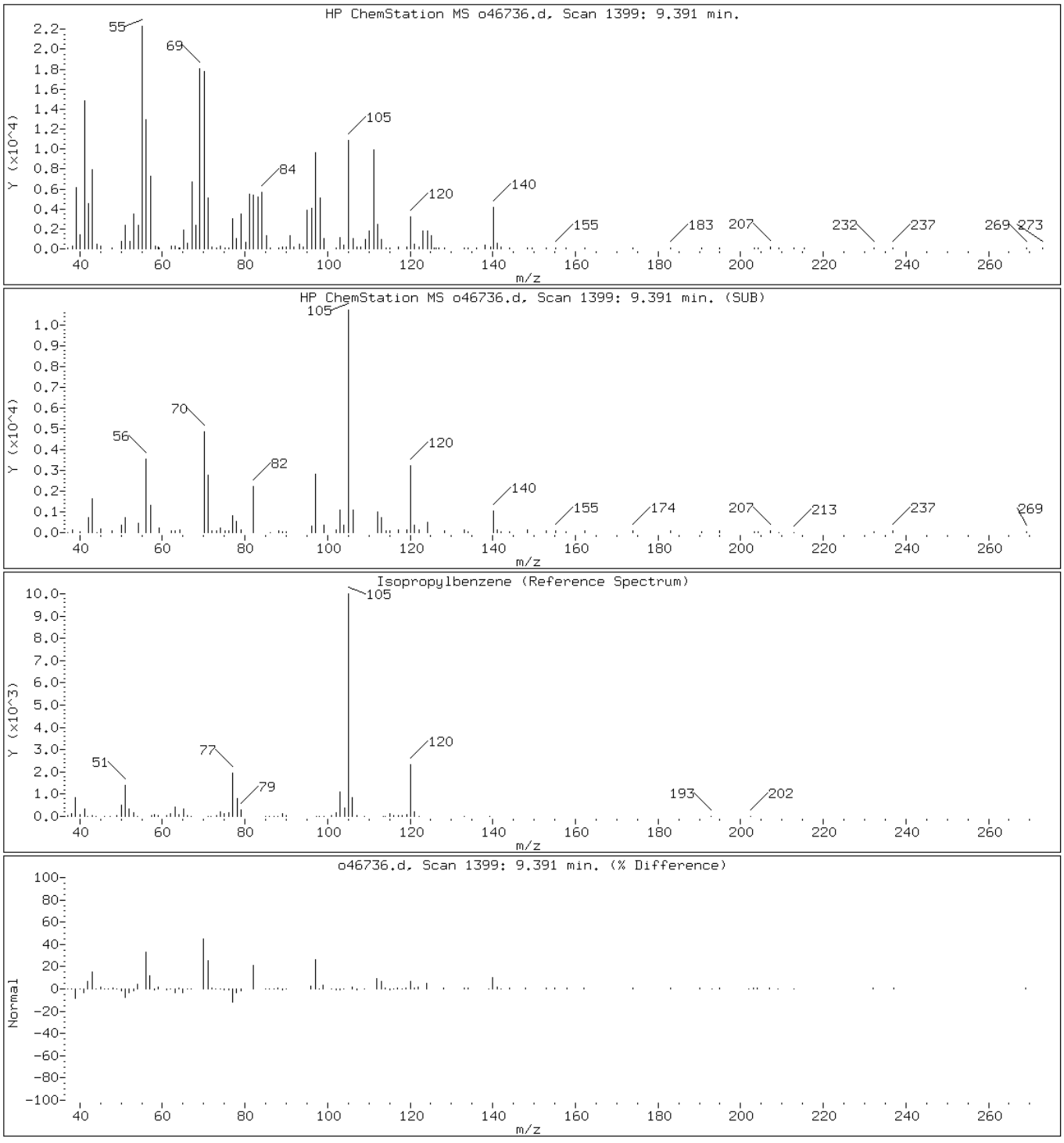
Data File: o46736.d

Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

110 Isopropylbenzene



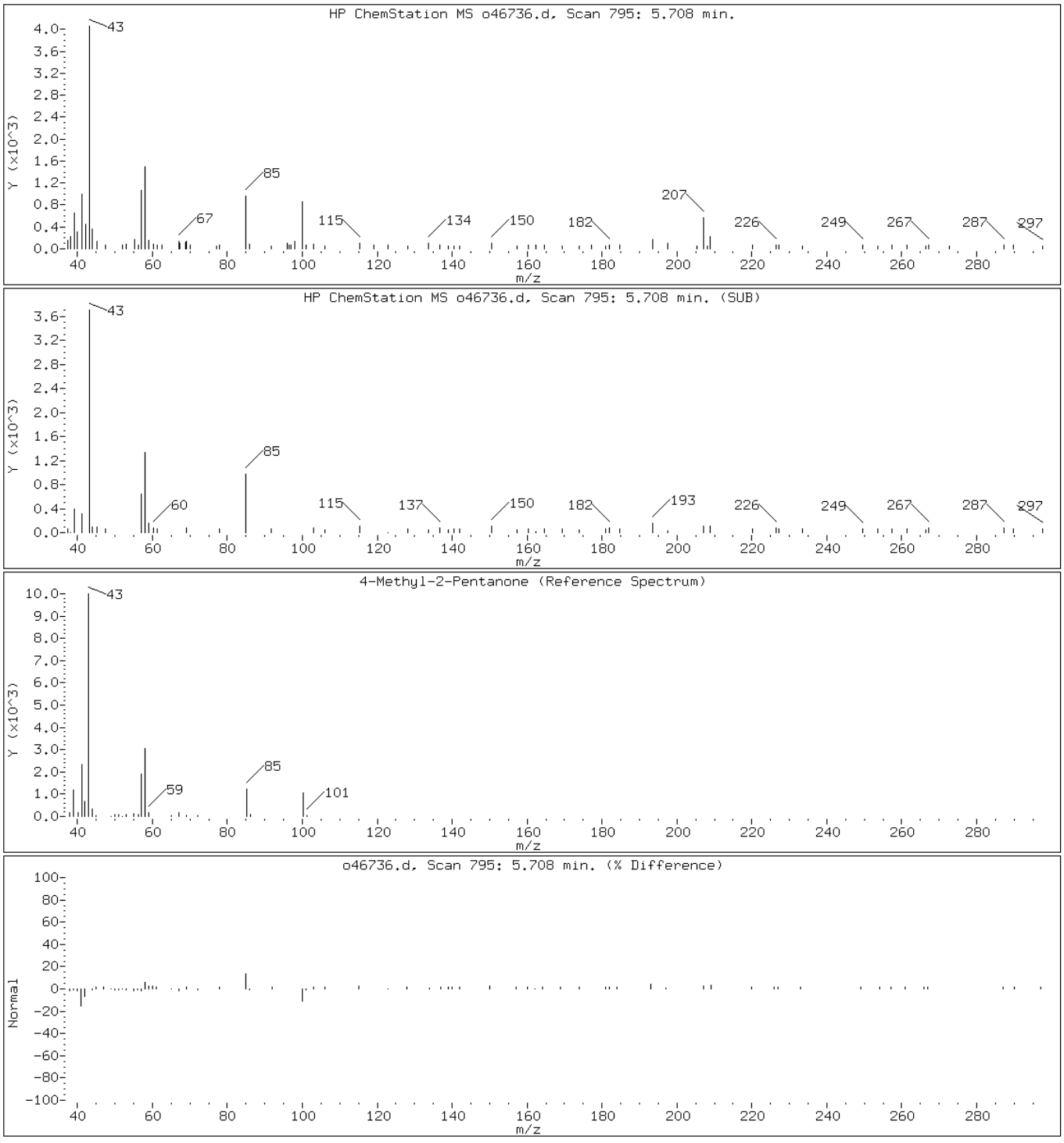
Data File: o46736.d

Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

33 4-Methyl-2-Pentanone



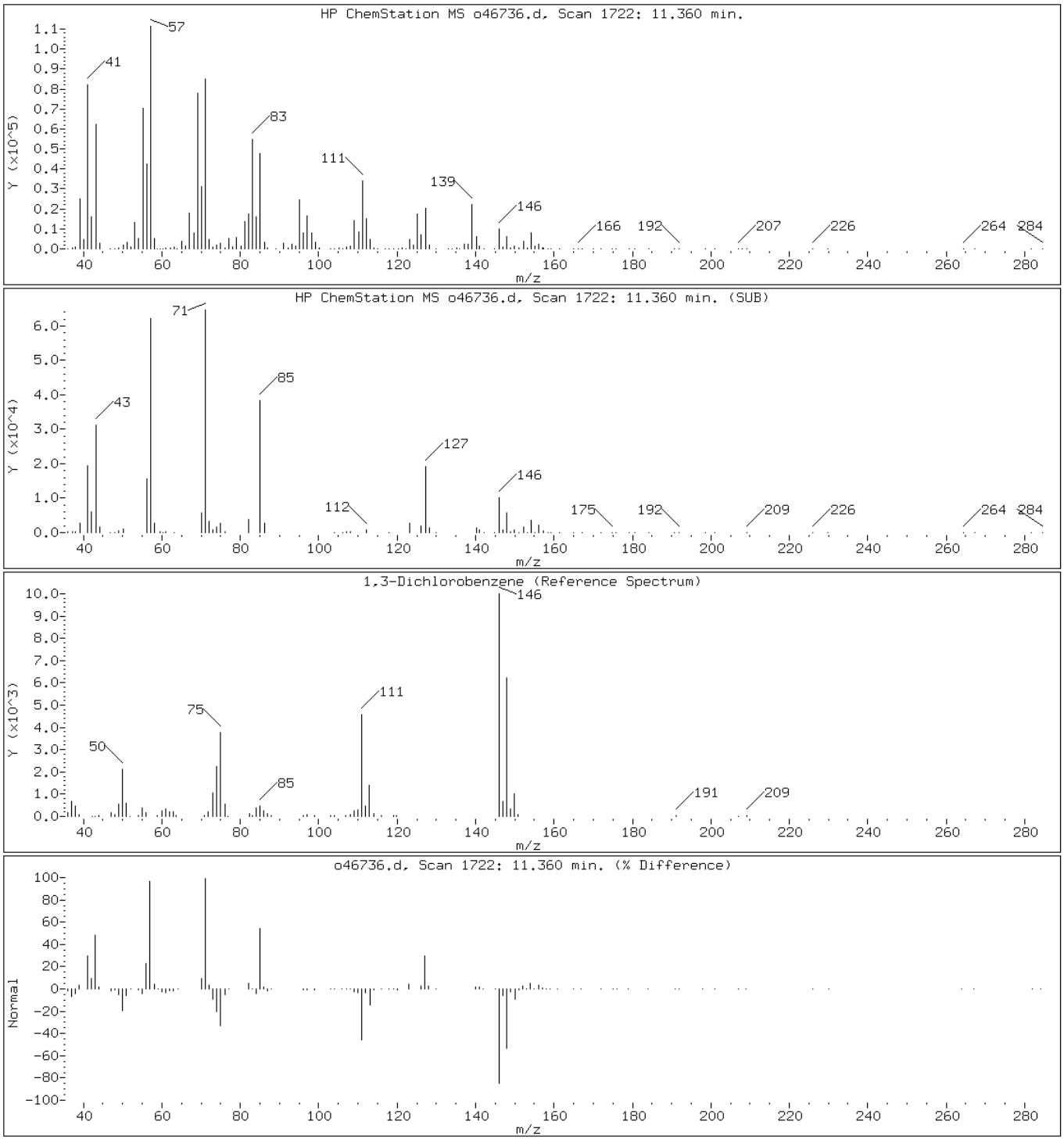
Data File: o46736.d

Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

67 1,3-Dichlorobenzene



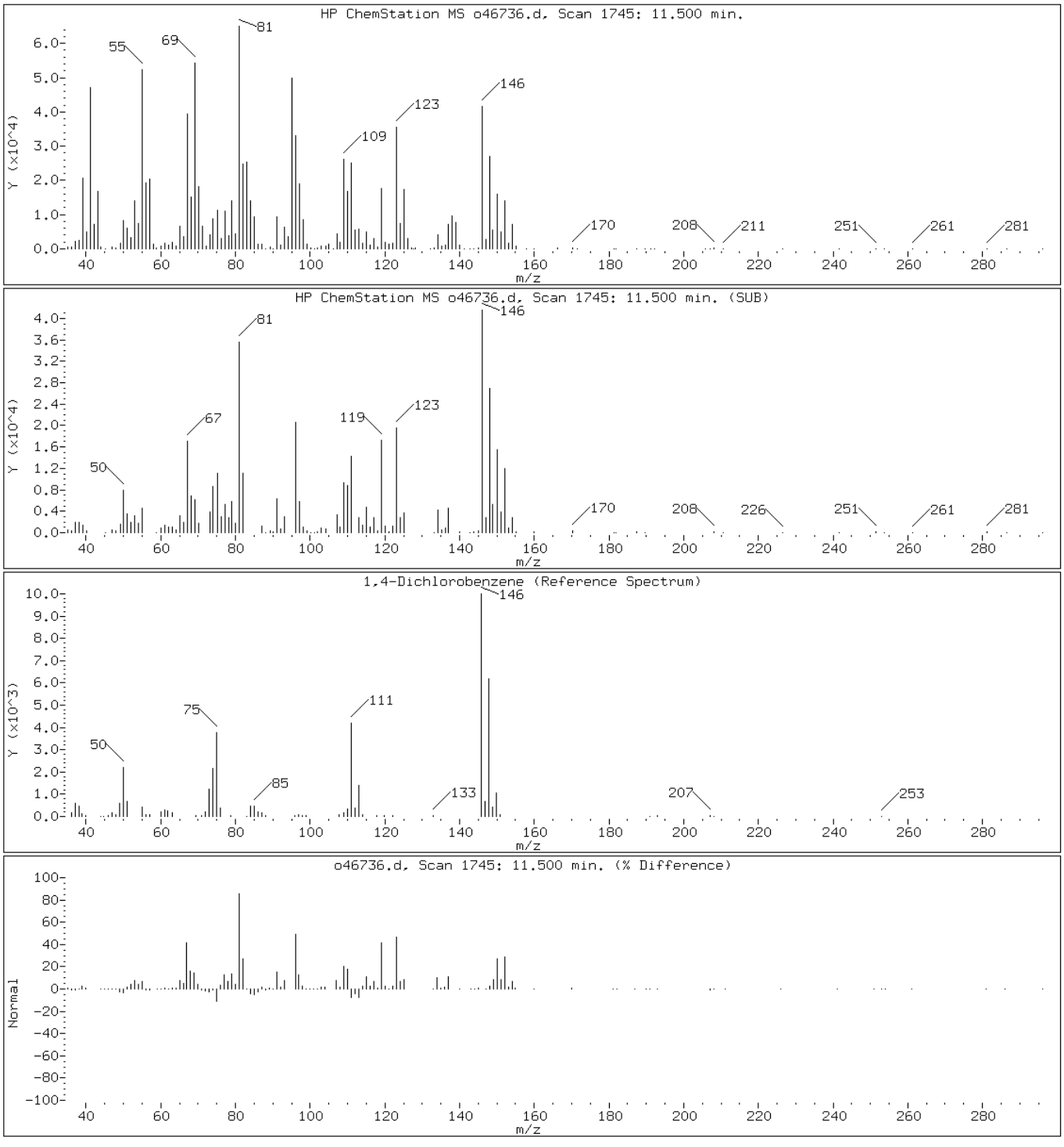
Data File: o46736.d

Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

68 1,4-Dichlorobenzene



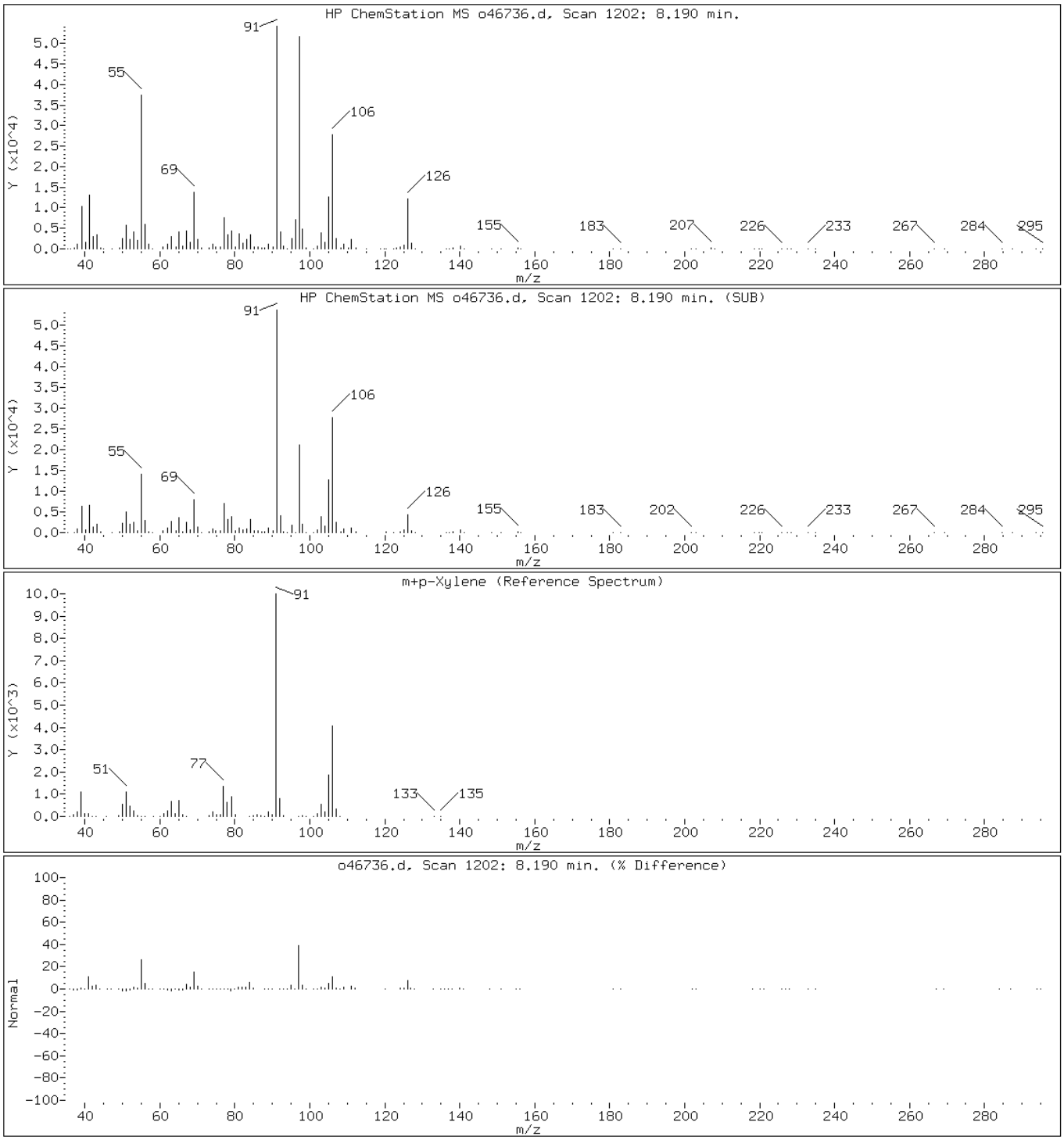
Data File: o46736.d

Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

43 m+p-Xylene



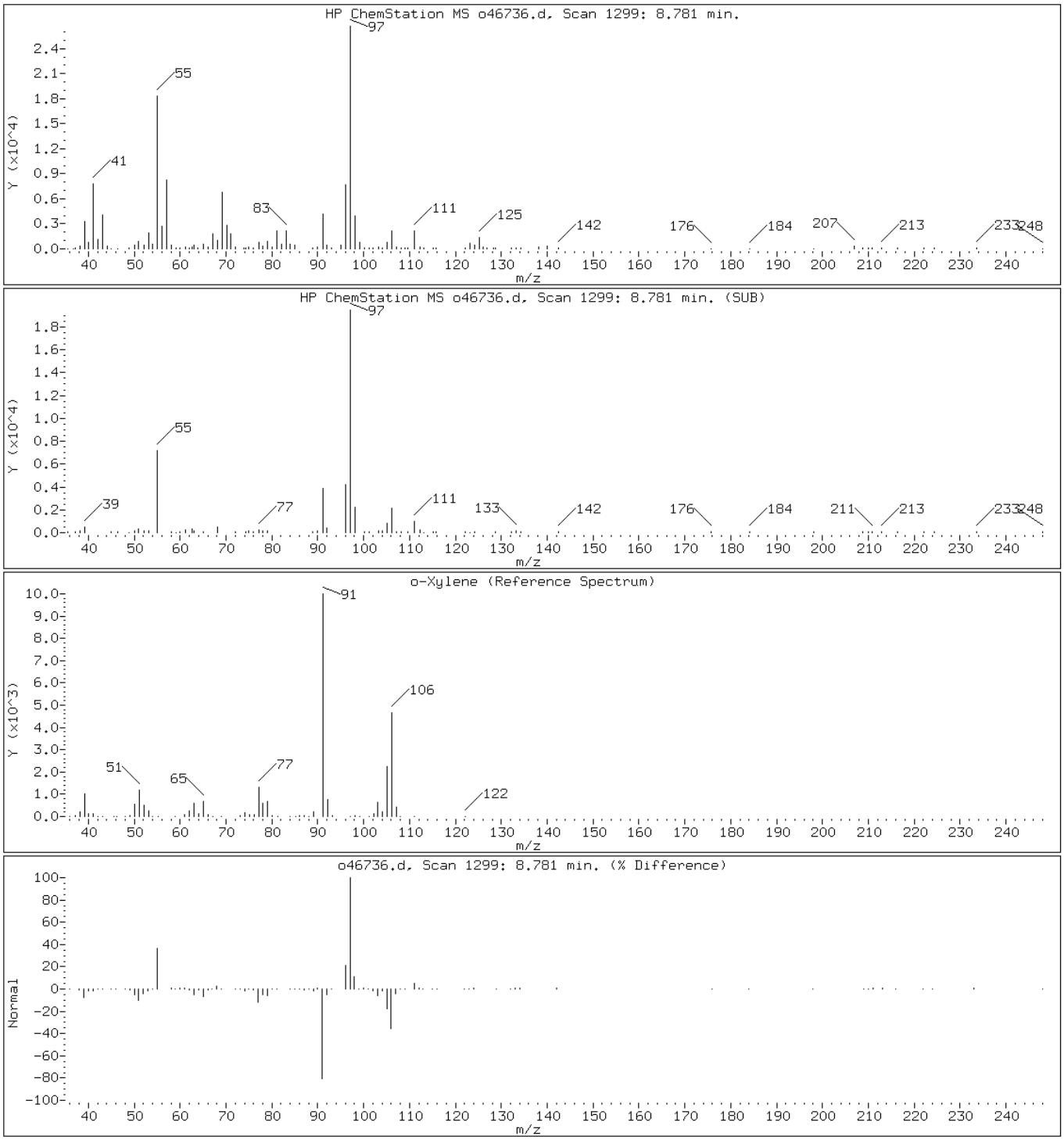
Data File: o46736.d

Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

44 o-Xylene



Data File: o46736.d

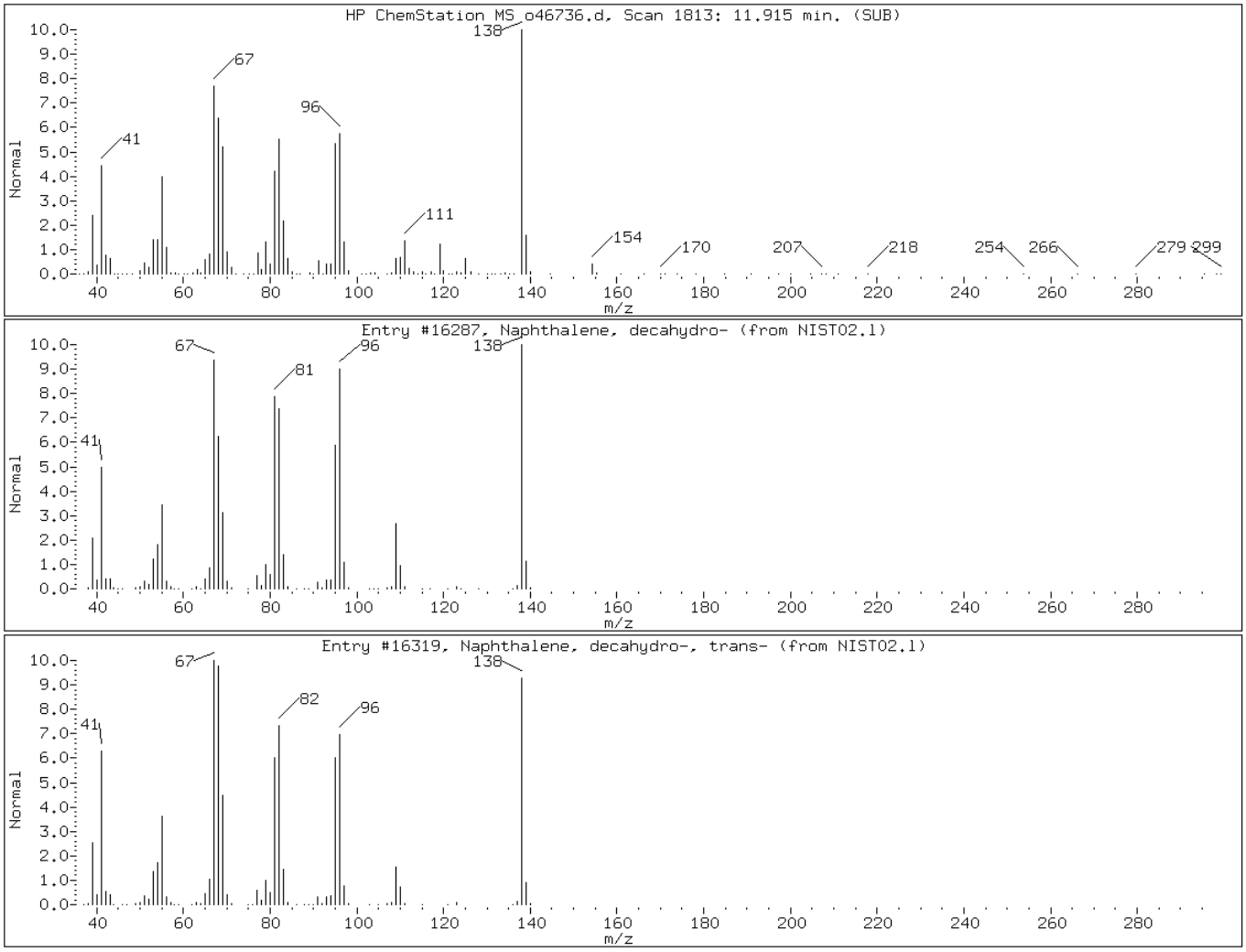
Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

Retention Time: 11.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydronaphthalene isomer						
Naphthalene, decahydro-	91-17-8	NIST02.l	16287	94	C10H18	138
Naphthalene, decahydro-, trans-	493-02-7	NIST02.l	16319	93	C10H18	138



Data File: o46736.d

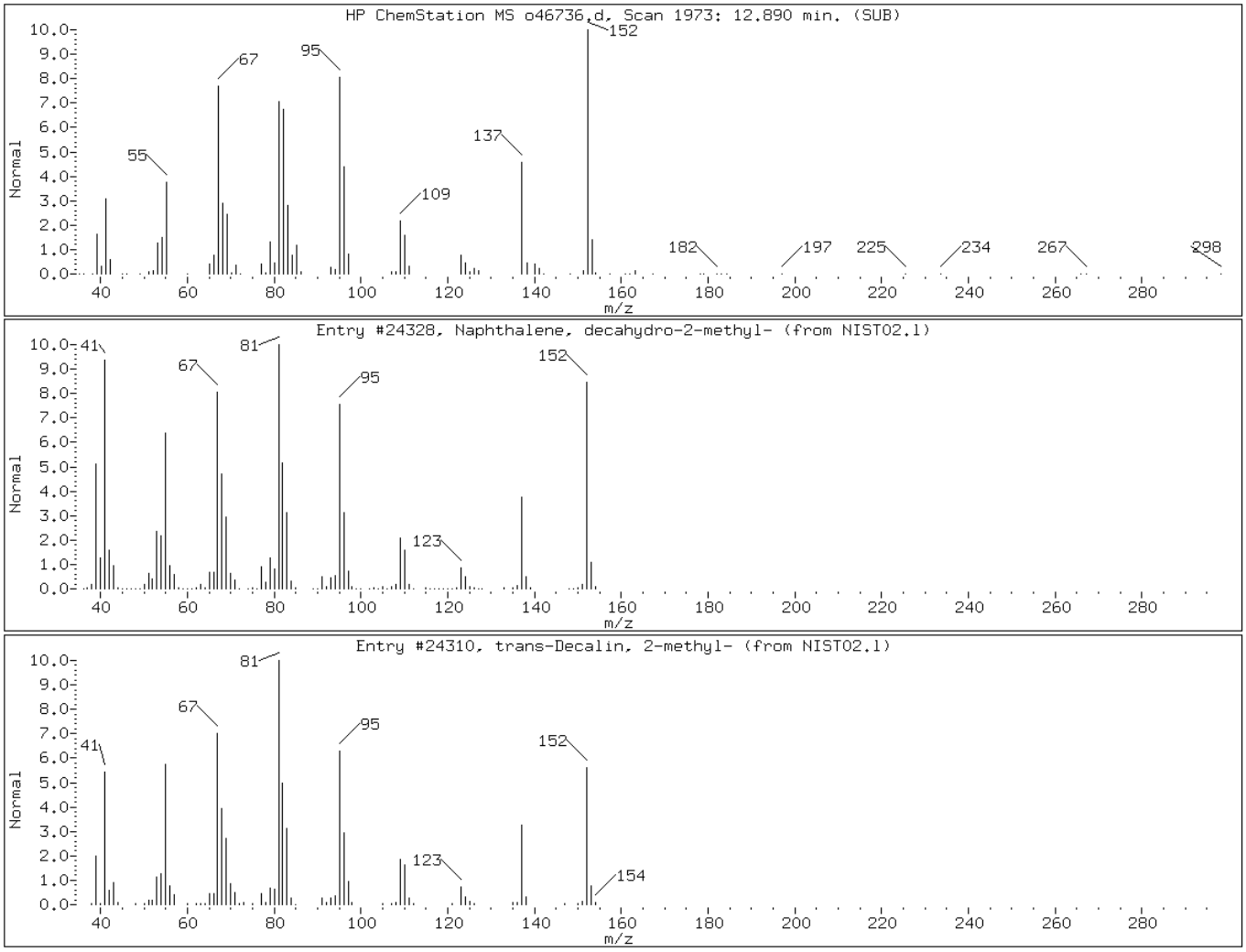
Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

Retention Time: 12.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	76	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	64	C11H20	152



Data File: o46736.d

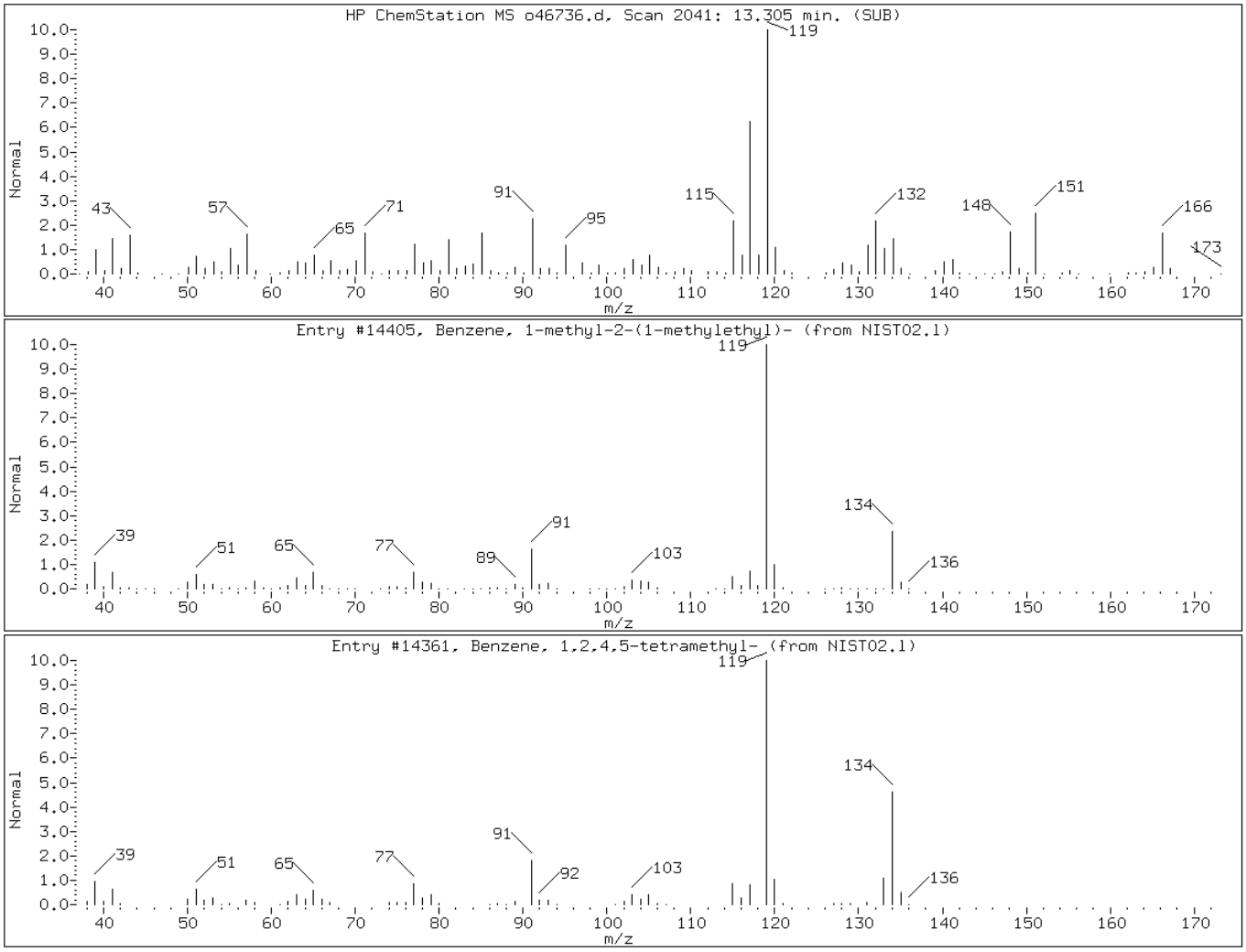
Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

Retention Time: 13.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-1						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14405	46	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	45	C10H14	134



Data File: o46736.d

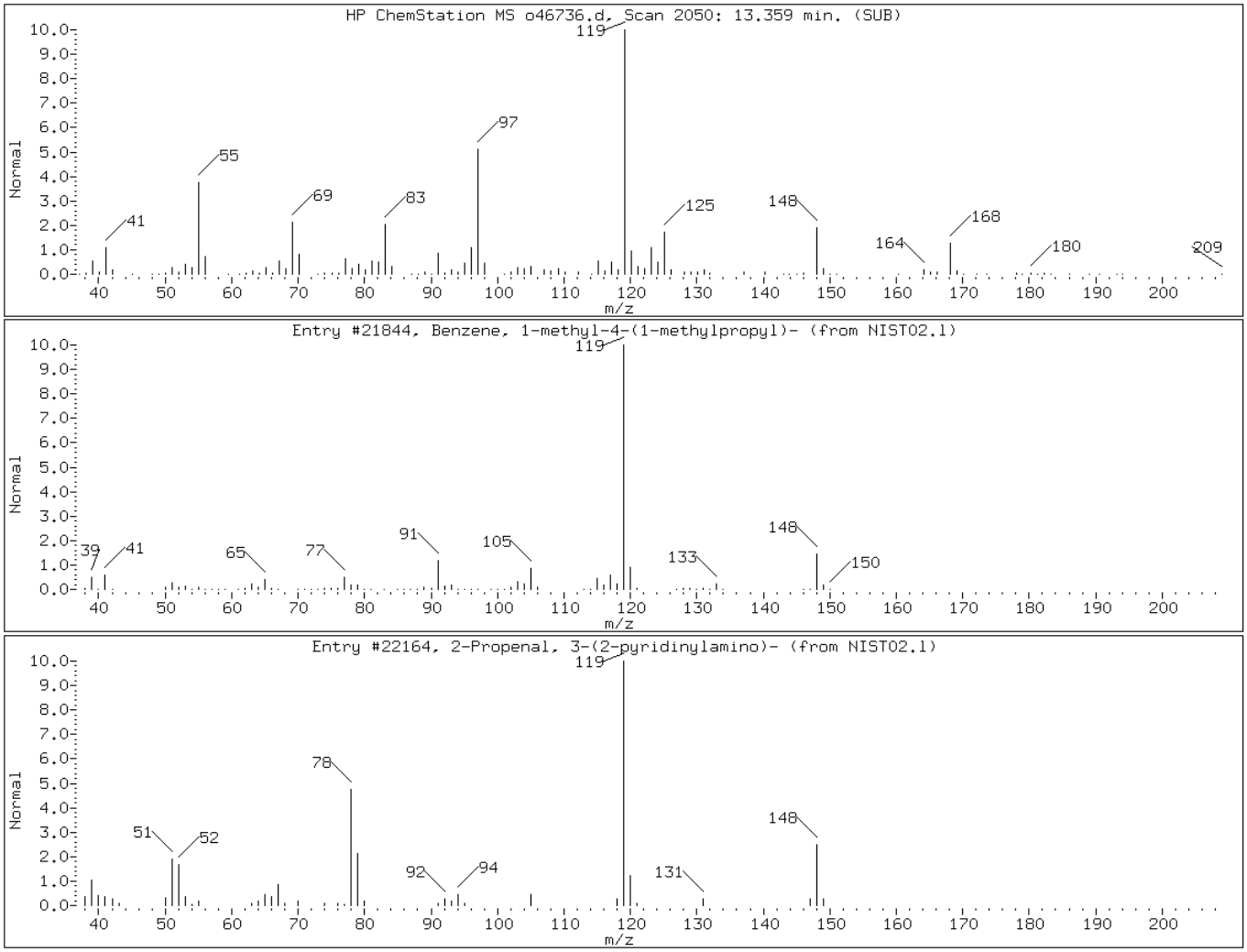
Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

Retention Time: 13.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	50	C11H16	148
2-Propenal, 3-(2-pyridinylamino)-	68970-82-1	NIST02.l	22164	43	C8H8N2O	148



Data File: o46736.d

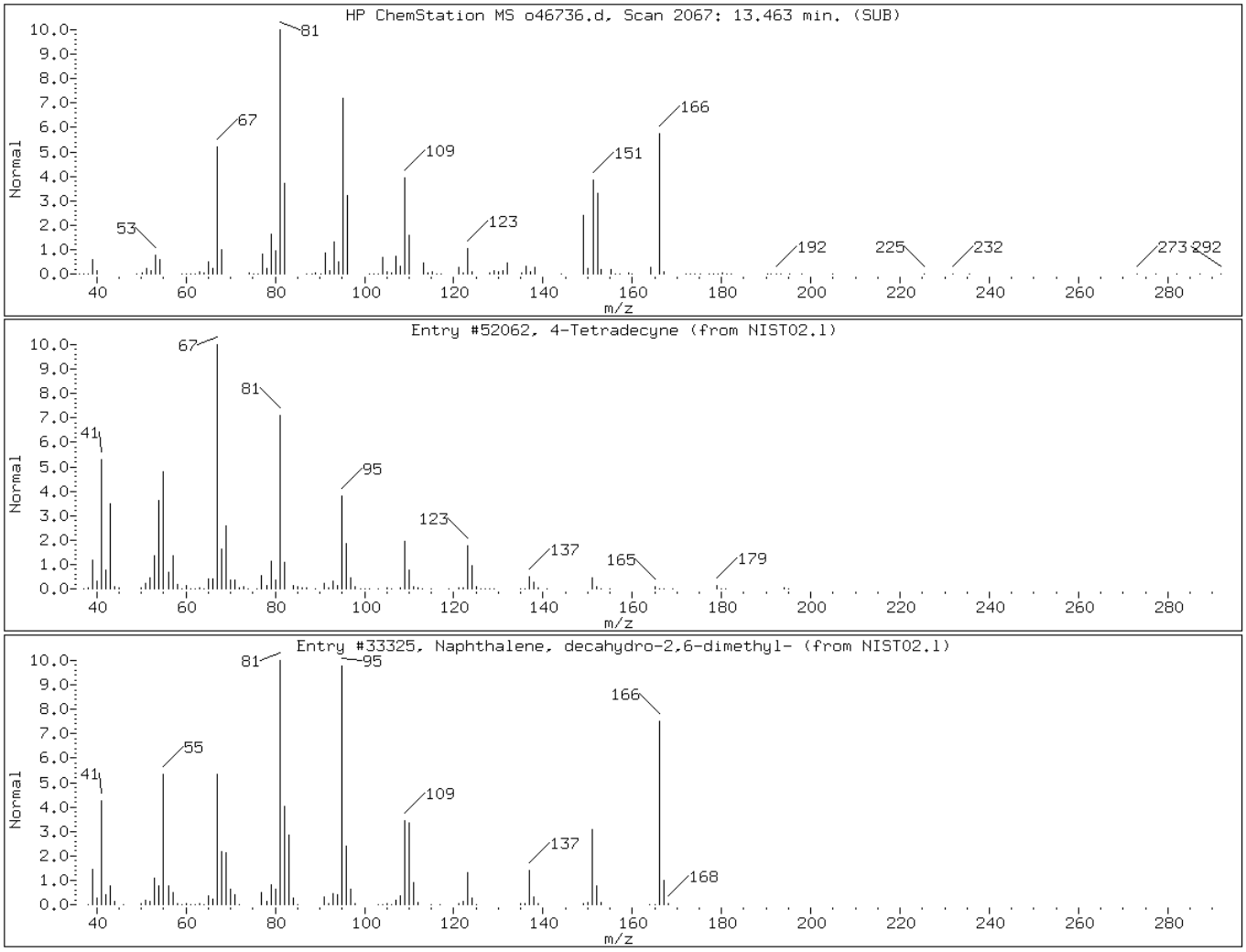
Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

Retention Time: 13.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4-Tetradecyne	60212-33-1	NIST02.l	52062	60	C14H26	194
Naphthalene, decahydro-2,6-dimethy	1618-22-0	NIST02.l	33325	59	C12H22	166



Data File: o46736.d

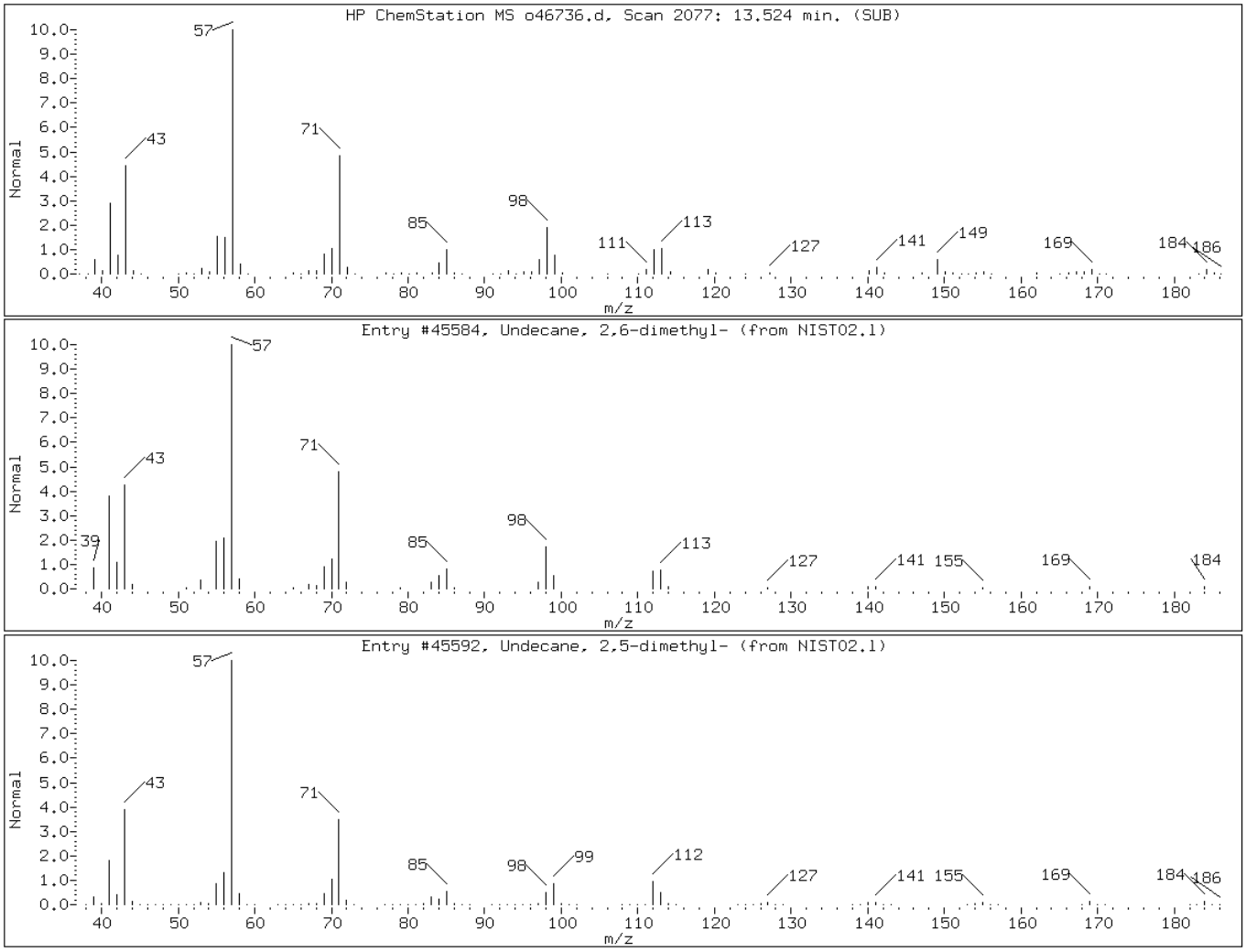
Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

Retention Time: 13.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	94	C13H28	184
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	64	C13H28	184



Data File: o46736.d

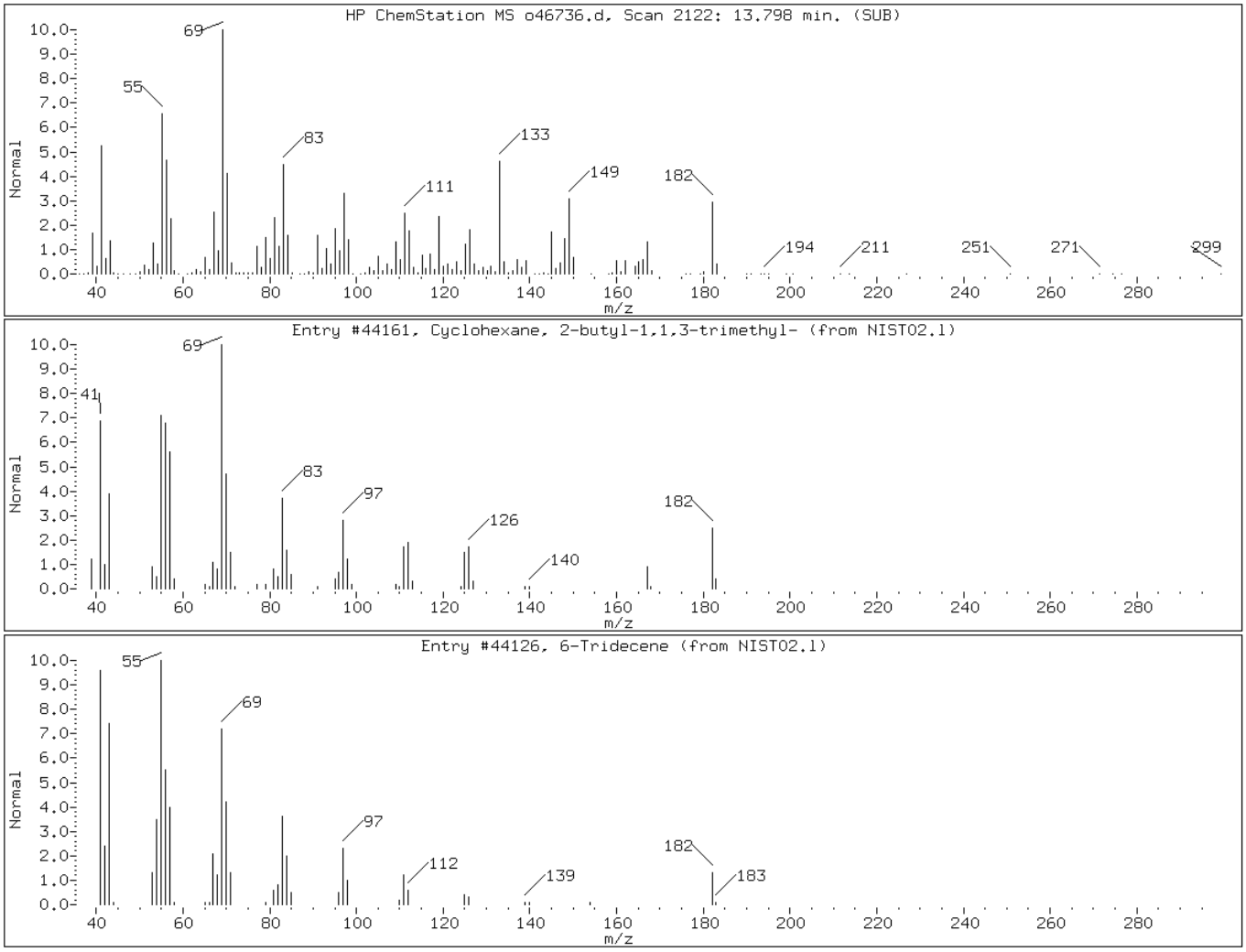
Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

Retention Time: 13.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44161	78	C13H26	182
6-Tridecene	24949-38-0	NIST02.l	44126	50	C13H26	182



Data File: o46736.d

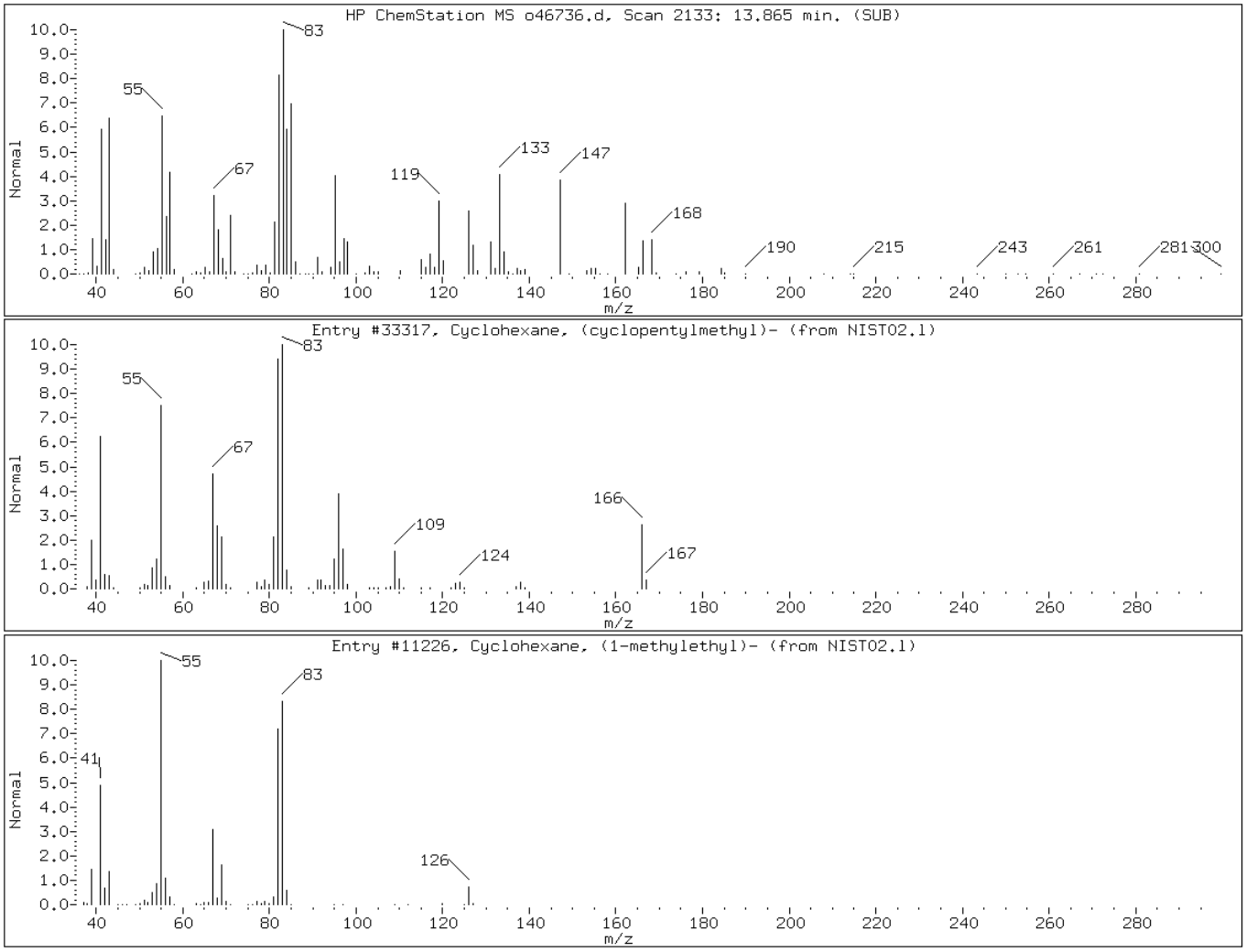
Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

Retention Time: 13.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, (cyclopentylmethyl)-	4431-89-4	NIST02.l	33317	38	C12H22	166
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11226	35	C9H18	126



Data File: o46736.d

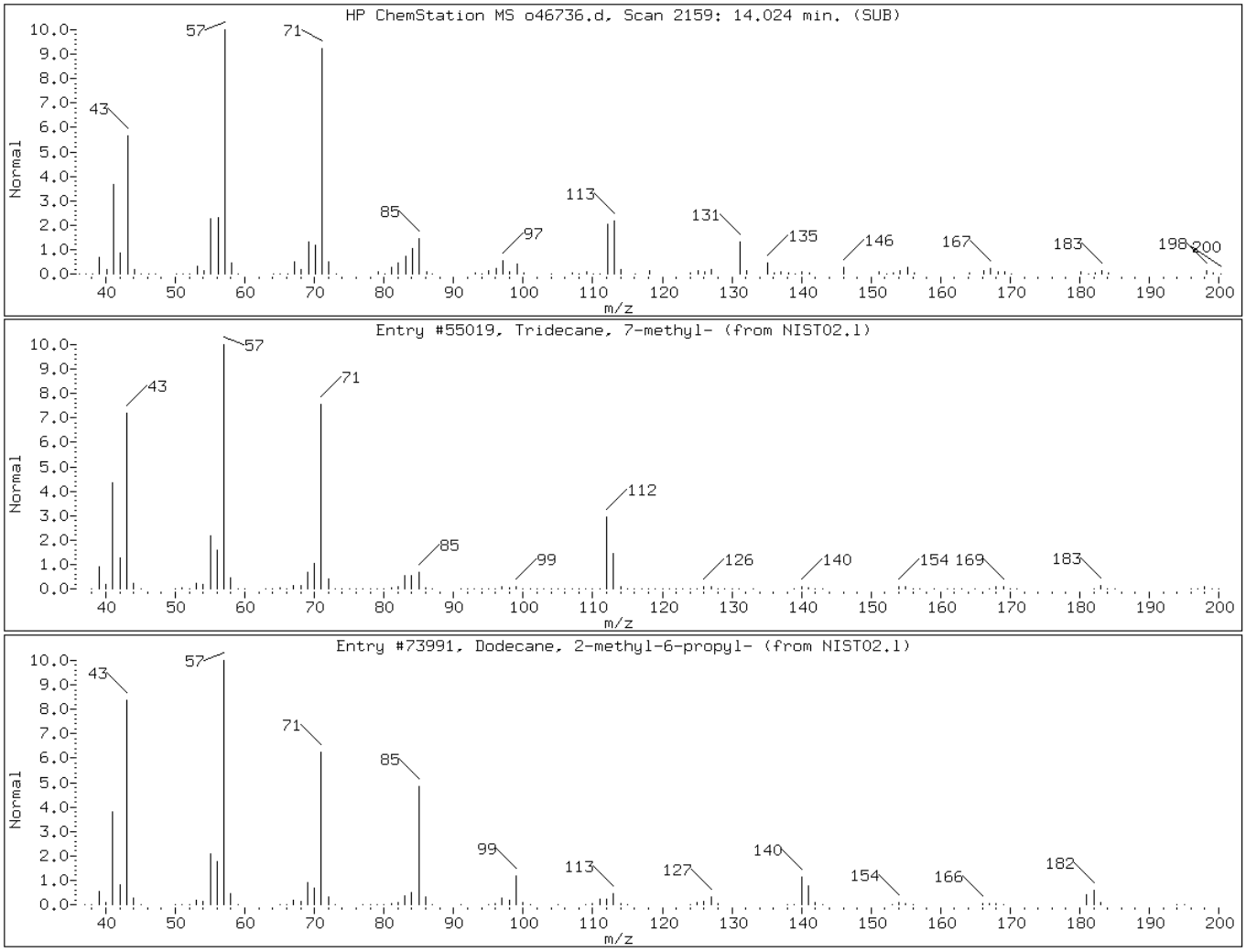
Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

Retention Time: 14.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	89	C14H30	198
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.l	73991	53	C16H34	226



Data File: o46736.d

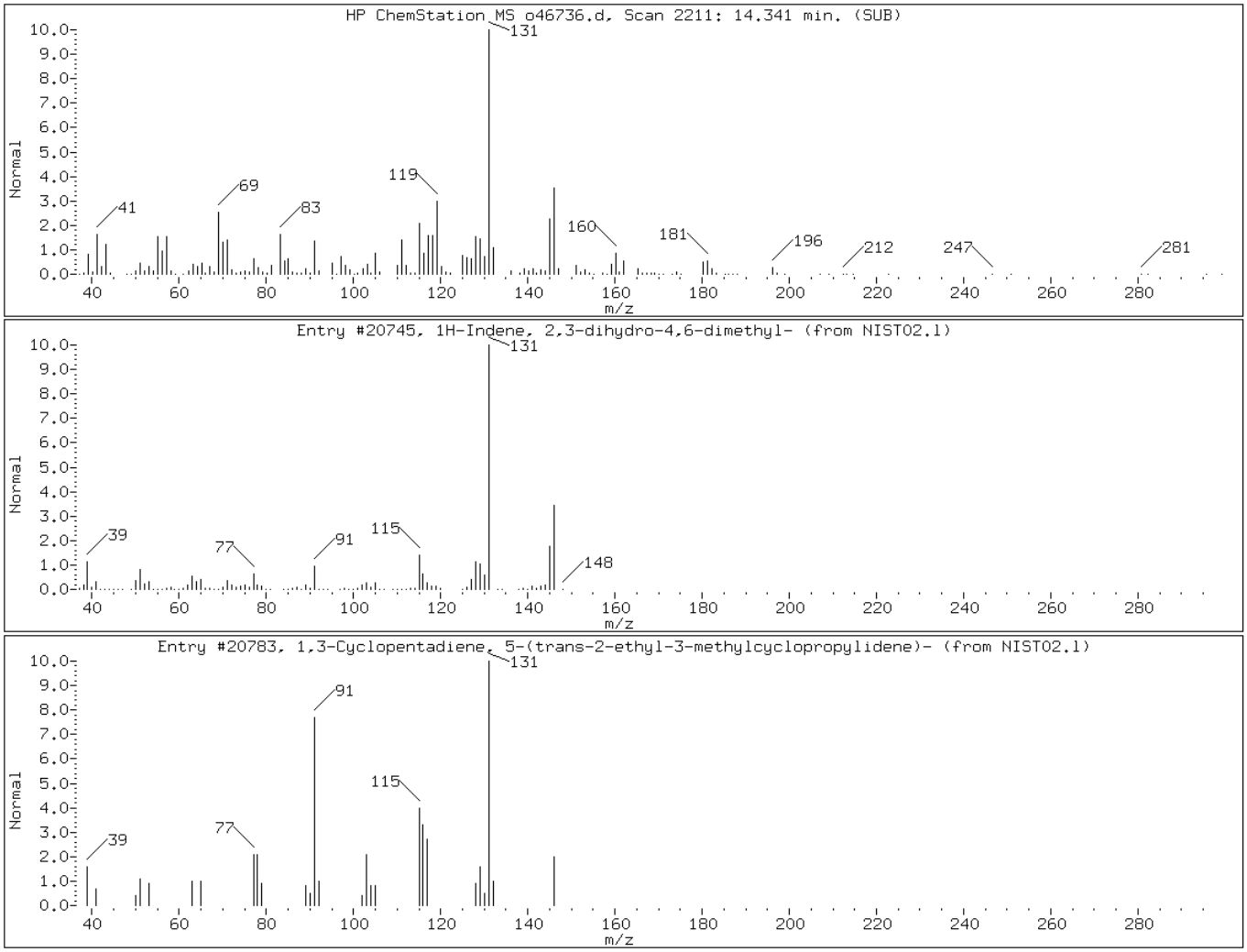
Date: 29-MAR-2011 11:31

Client ID: PMP-18-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24277-D-30-A;;;5.42;5 Operator: VOAMS 9

Retention Time: 14.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-4,6-dimethy	1685-82-1	NIST02.l	20745	94	C11H14	146
1,3-Cyclopentadiene, 5-(trans-2-et	79209-36-2	NIST02.l	20783	76	C11H14	146



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) | Lab Sample ID: 460-24277-31

Matrix: Solid | Lab File ID: j98668.d

Analysis Method: 8260B | Date Collected: 03/18/2011 13:00

Sample wt/vol: 11.49(g) | Date Analyzed: 03/25/2011 15:33

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.6 | Level: (low/med) Medium

Analysis Batch No.: 68512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	25	U	25	5.4
74-83-9	Bromomethane	25	U	25	8.0
75-01-4	Vinyl chloride	25	U	25	3.1
75-00-3	Chloroethane	25	U	25	11
75-09-2	Methylene Chloride	25	U	25	4.9
67-64-1	Acetone	2400		250	63
75-15-0	Carbon disulfide	12	J	25	3.7
75-69-4	Trichlorofluoromethane	25	U	25	4.0
75-35-4	1,1-Dichloroethene	25	U	25	3.6
75-34-3	1,1-Dichloroethane	25	U	25	2.5
156-60-5	trans-1,2-Dichloroethene	25	U	25	3.5
156-59-2	cis-1,2-Dichloroethene	25	U	25	4.9
67-66-3	Chloroform	25	U	25	4.0
78-93-3	2-Butanone	470		250	21
107-06-2	1,2-Dichloroethane	25	U	25	6.3
71-55-6	1,1,1-Trichloroethane	25	U	25	6.3
56-23-5	Carbon tetrachloride	25	U	25	4.6
71-43-2	Benzene	40		25	3.0
75-25-2	Bromoform	25	U	25	2.5
100-42-5	Styrene	25	U	25	3.5
100-41-4	Ethylbenzene	160		25	6.3
108-90-7	Chlorobenzene	25	U	25	4.2
110-82-7	Cyclohexane	25	U	25	3.2
98-82-8	Isopropylbenzene	120		25	5.4
591-78-6	2-Hexanone	250	U	250	14
1634-04-4	MTBE	25	U	25	4.7
76-13-1	Freon TF	25	U	25	7.3
79-20-9	Methyl acetate	51	U	51	8.4
123-91-1	1,4-Dioxane	1300	U	1300	220
79-01-6	Trichloroethene	25	U	25	4.5
108-88-3	Toluene	3.5	J	25	2.4
10061-02-6	trans-1,3-Dichloropropene	25	U	25	3.1
108-10-1	4-Methyl-2-pentanone	250	U	250	17
10061-01-5	cis-1,3-Dichloropropene	25	U	25	2.6
95-50-1	1,2-Dichlorobenzene	25	U	25	4.2
541-73-1	1,3-Dichlorobenzene	54		25	5.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) | Lab Sample ID: 460-24277-31

Matrix: Solid | Lab File ID: j98668.d

Analysis Method: 8260B | Date Collected: 03/18/2011 13:00

Sample wt/vol: 11.49(g) | Date Analyzed: 03/25/2011 15:33

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.6 | Level: (low/med) Medium

Analysis Batch No.: 68512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	270		25	3.8
120-82-1	1,2,4-Trichlorobenzene	79		25	11
87-61-6	1,2,3-Trichlorobenzene	25	U	25	21
78-87-5	1,2-Dichloropropane	25	U	25	2.2
108-87-2	Methylcyclohexane	250		25	2.0
127-18-4	Tetrachloroethene	25	U	25	5.0
1330-20-7	Xylenes, Total	650		76	11
96-12-8	1,2-Dibromo-3-Chloropropane	25	U	25	3.9
79-34-5	1,1,2,2-Tetrachloroethane	25	U	25	2.2
79-00-5	1,1,2-Trichloroethane	25	U	25	2.5
124-48-1	Dibromochloromethane	25	U	25	2.6
106-93-4	1,2-Dibromoethane	25	U	25	2.3
75-71-8	Dichlorodifluoromethane	25	U	25	7.2
74-97-5	Bromochloromethane	25	U	25	4.4
75-27-4	Bromodichloromethane	25	U	25	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		57-135
2037-26-5	Toluene-d8 (Surr)	71		46-130
460-00-4	Bromofluorobenzene	84		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) Lab Sample ID: 460-24277-31

Matrix: Solid Lab File ID: j98668.d

Analysis Method: 8260B Date Collected: 03/18/2011 13:00

Sample wt/vol: 11.49(g) Date Analyzed: 03/25/2011 15:33

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.6 Level: (low/med) Medium

Analysis Batch No.: 68512 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 65400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-63-6	1,2,4-Trimethylbenzene	13.34	3800	
	Methyl-methylethylbenzene isomer	13.61	5100	J
	Trimethylbenzene isomer	13.82	4100	J
	Methyl-methylethylbenzene isomer-1	14.09	6200	J
	Methyl-methylethylbenzene isomer-1	14.46	5200	J
	Ethyldimethylbenzene isomer	14.54	4600	J
	Coeluting Aromatics	14.73	10000	J
	Decahydromethylnaphthalene isomer	15.24	3900	J
	C10H12 Aromatic/C10H14 Aromatic	15.77	16000	J
	2,3-dihydro-dimethyl-1H-Indene isomer	16.48	6500	J

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98668.d
Report Date: 30-Mar-2011 11:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98668.d
Lab Smp Id: 460-24277-B-31-A Client Smp ID: PMP-18-SI-E (10.5-1
Inj Date : 25-MAR-2011 15:33
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-31-A;50;;11.49;5
Misc Info : 460-24277-B-31-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/8260_09.m
Meth Date : 25-Mar-2011 10:53 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 10
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	11.49000	Weight of sample extracted (g)
M	14.64497	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	16 Acetone	58	4.392	4.355	(0.558)	56919	92.9164	2400
	18 Carbon Disulfide	76	4.620	4.616	(0.586)	12988	0.48079	12(a)
	38 2-Butanone	72	6.423	6.382	(0.815)	16577	18.3241	470
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.472	7.440	(0.948)	356261	39.7920	1000
	48 Benzene	78	7.545	7.521	(0.666)	47804	1.57306	40
*	52 Fluorobenzene	96	7.878	7.857	(1.000)	1412146	50.0000	
	56 Methyl cyclohexane	83	8.564	8.544	(1.087)	99634	9.87508	250
$	65 Toluene-d8 (SUR)	98	9.742	9.730	(0.859)	879568	35.7281	910
	66 Toluene	91	9.807	9.803	(0.865)	4439	0.13598	3.5(a)
*	78 Chlorobenzene-d5	117	11.336	11.326	(1.000)	1052875	50.0000	
	81 Ethylbenzene	106	11.465	11.451	(1.011)	61896	6.18938	160
	82 m+p-Xylene	106	11.574	11.559	(1.021)	341364	24.7677	630
	84 o-Xylene	106	11.994	11.983	(1.058)	10347	0.75467	19(a)
	88 Isopropylbenzene	105	12.350	12.342	(1.089)	148416	4.81647	120

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98668.d
Report Date: 30-Mar-2011 11:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	89 Bromofluorobenzene (SUR)	174	12.540	12.526	(0.910)	484294	41.8219	1100
	95 n-Propylbenzene	91	12.763	12.764	(0.927)	271431	7.62699	190
	97 1,3,5-Trimethylbenzene	105	12.938	12.930	(0.939)	2696806	110.647	2800
	101 1,2,4-Trimethylbenzene	105	13.344	13.338	(0.969)	4060193	150.867	3800
	103 sec-Butylbenzene	105	13.536	13.522	(0.983)	621455	18.4056	470
	105 1,3-Dichlorobenzene	146	13.699	13.696	(0.995)	36645	2.12577	54(H)
	107 p-Isopropyltoluene	119	13.653	13.659	(0.991)	1359384	48.1584	1200
*	108 1,4-Dichlorobenzene-d4	152	13.773	13.761	(1.000)	610266	50.0000	
	109 1,4-Dichlorobenzene	146	13.800	13.788	(1.002)	231365	10.4646	270
	114 1,2,4-Trichlorobenzene	180	16.405	16.388	(1.191)	35951	3.10778	79
	116 Naphthalene	128	16.843	16.831	(1.223)	1550008	68.2763	1700
M	121 Xylene (Total)	100				351711	25.5224	650

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98668.d
Report Date: 30-Mar-2011 11:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98668.d
Lab Smp Id: 460-24277-B-31-A Client Smp ID: PMP-18-SI-E (10.5-1
Inj Date : 25-MAR-2011 15:33
Operator : Inst ID: VOAMS8.i
Smp Info : 460-24277-B-31-A;50;;11.49;5
Misc Info : 460-24277-B-31-A
Comment   :
Method   : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/8260_09.m
Meth Date : 25-Mar-2011 10:53 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 10
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	11.49000	Weight of sample extracted (g)
M	14.64497	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	11.336	3455642	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
12.194	4902881	70.9402099	1800	0		0	78
Ethylmethylbenzene isomer				CAS #:			
13.178	8863360	128.244726	3300	0		0	78

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98668.d
Report Date: 30-Mar-2011 11:54

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Methyl-methylethylbenzene isomer					CAS #:		
13.609	13920392	201.415366	5100	0		0	78(L)
Trimethylbenzene isomer					CAS #:		
13.819	11165927	161.560778	4100	0		0	78(L)
Methylpropylbenzene isomer					CAS #:		
14.030	6767967	97.9263084	2500	0		0	78
Methyl-methylethylbenzene isomer-1					CAS #:		
14.086	16912463	244.707910	6200	0		0	78
Decahydronaphthalene isomer					CAS #:		
14.197	8070821	116.777412	3000	0		0	78
Methyl-methylethylbenzene isomer-1					CAS #:		
14.459	14140394	204.598601	5200	0		0	78
Ethyldimethylbenzene isomer					CAS #:		
14.543	12464789	180.354113	4600	0		0	78
Coeluting Aromatics					CAS #:		
14.731	27945685	404.348550	10000	0		0	78
Coeluting Aromatics-1					CAS #:		
14.962	8499597	122.981411	3100	0		0	78
Tetramethylbenzene isomer					CAS #:		
15.124	5768712	83.4679923	2100	0		0	78
Decahydromethylnaphthalene isomer					CAS #:		
15.245	10534690	152.427349	3900	0		0	78
Coeluting Aromatics-1					CAS #:		
15.426	4055970	58.6861835	1500	0		0	78
C10H12 Aromatic					CAS #:		
15.537	4060610	58.7533172	1500	0		0	78
C10H12 Aromatic/C10H14 Aromatic					CAS #:		
15.767	42544146	615.574964	16000	0		0	78
Tetrahydronaphthalene isomer					CAS #:		
16.061	5129606	74.2207233	1900	0		0	78

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98668.d
Report Date: 30-Mar-2011 11:54

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
C11H14 Aromatic/C11H16 Aromatic						CAS #:	
16.227	6688024	96.7696016	2500	0		0	78
2,3-dihydro-dimethyl-1H-Indene isomer						CAS #:	
16.476	17703856	256.158643	6500	0		0	78(L)

QC Flag Legend

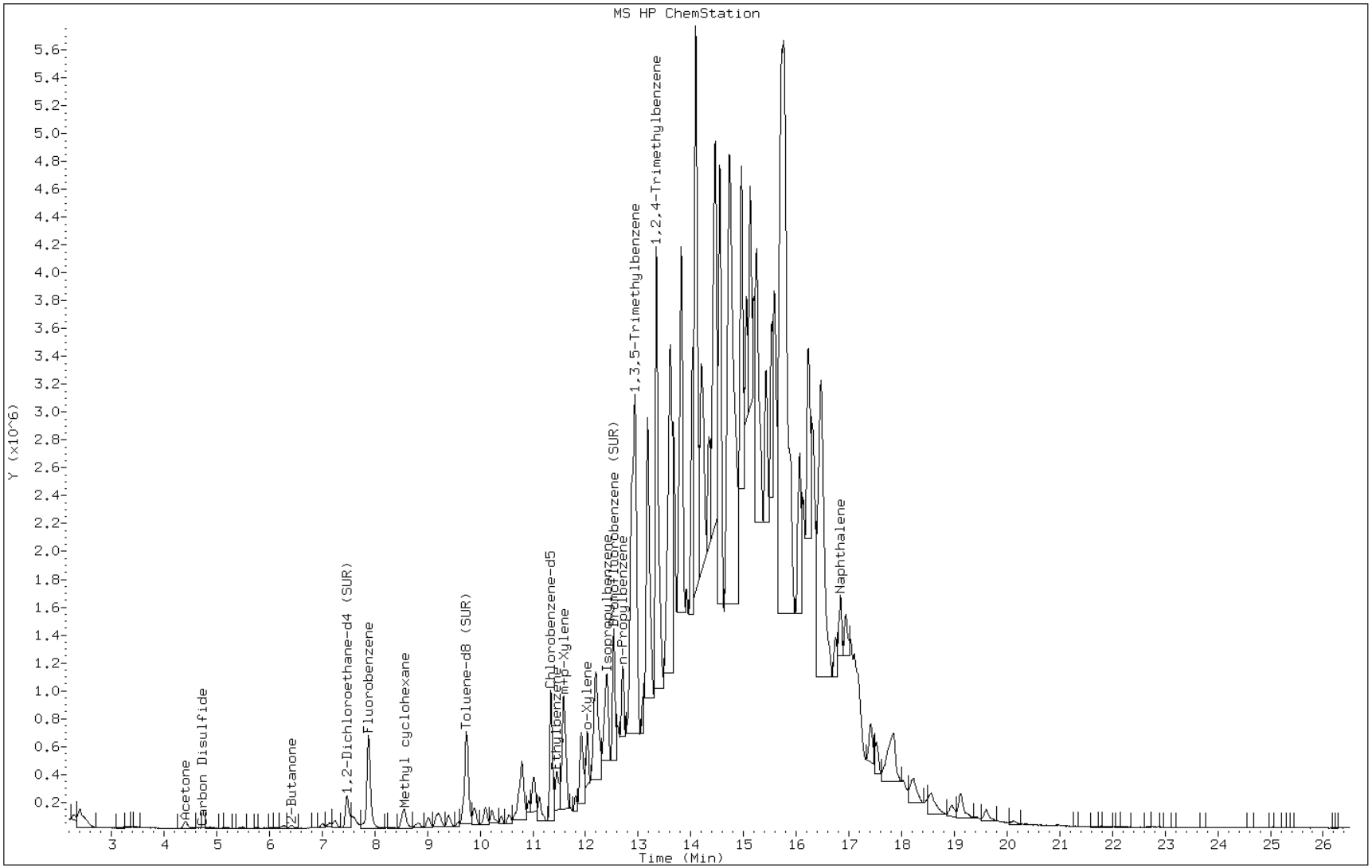
L - Operator selected an alternate library search match.

Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:



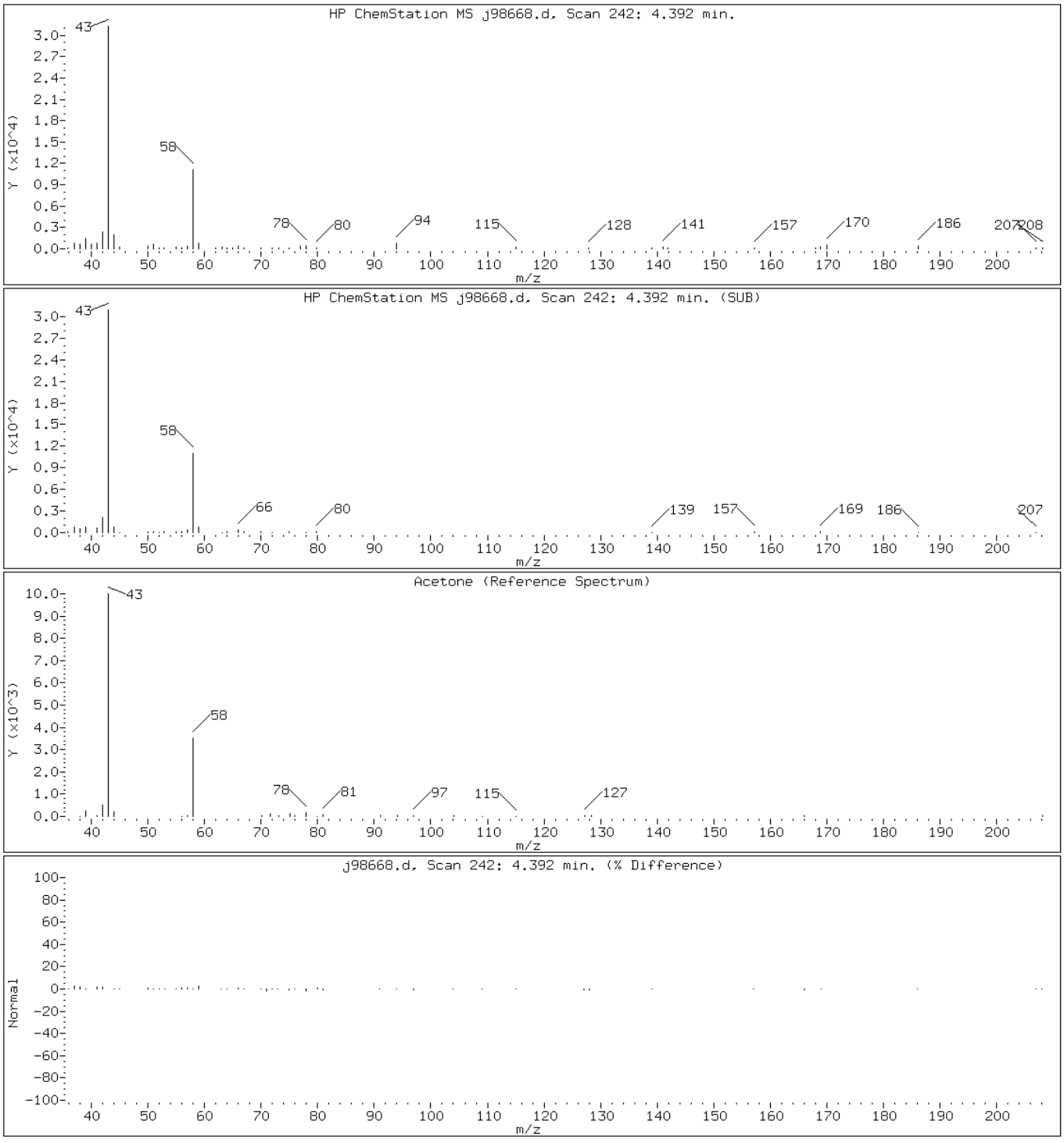
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

16 Acetone



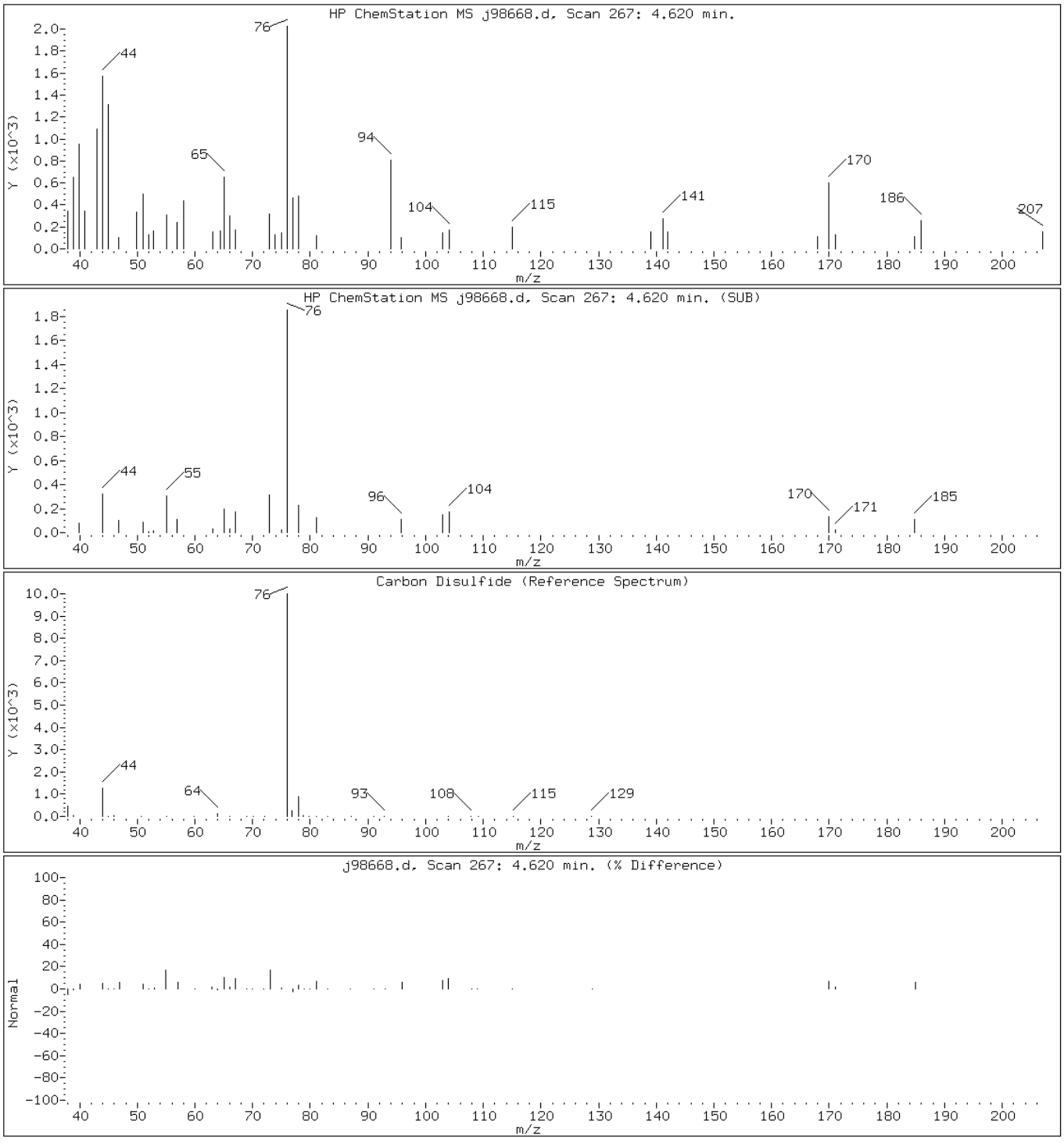
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

18 Carbon Disulfide



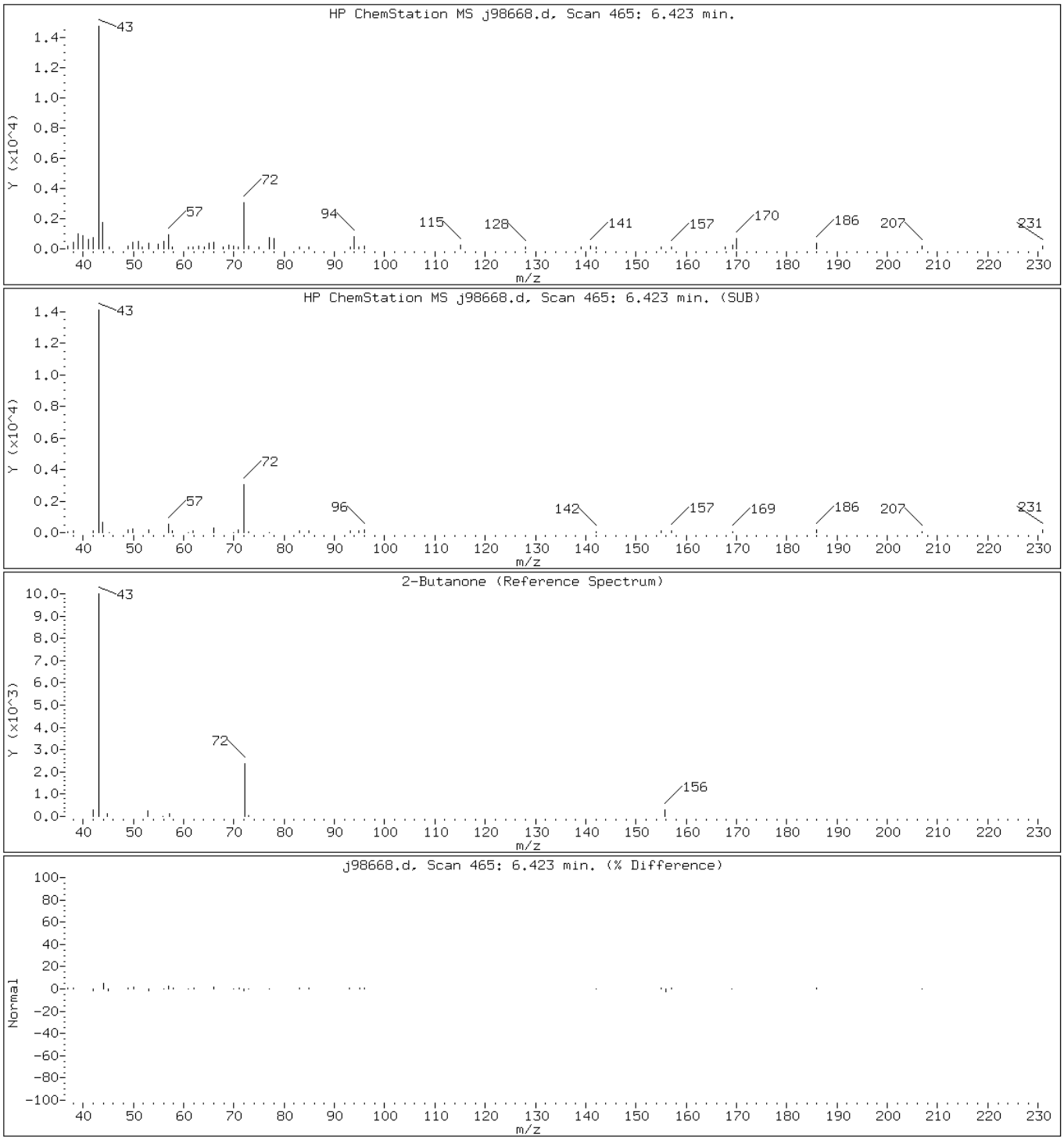
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

38 2-Butanone



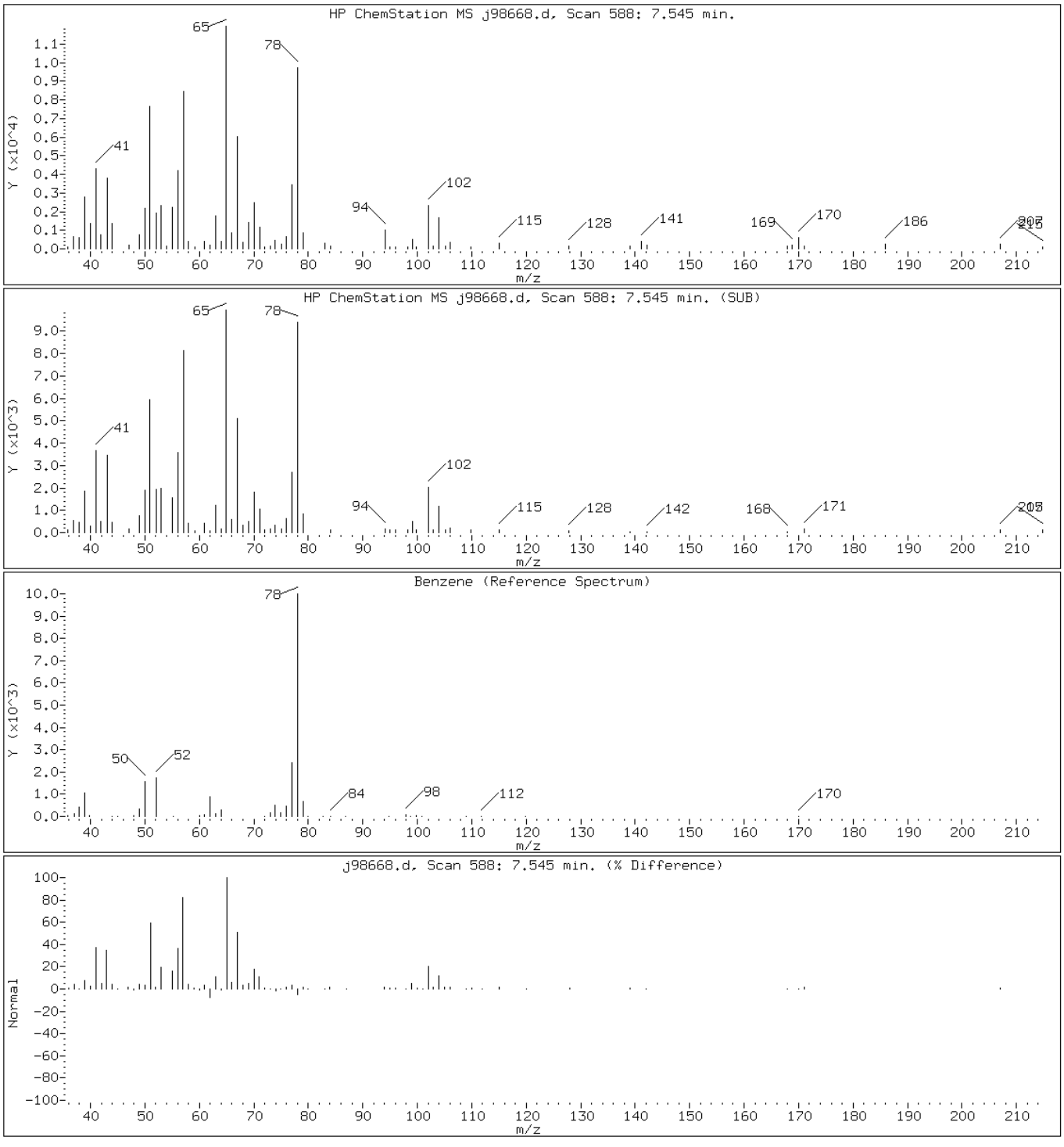
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

48 Benzene



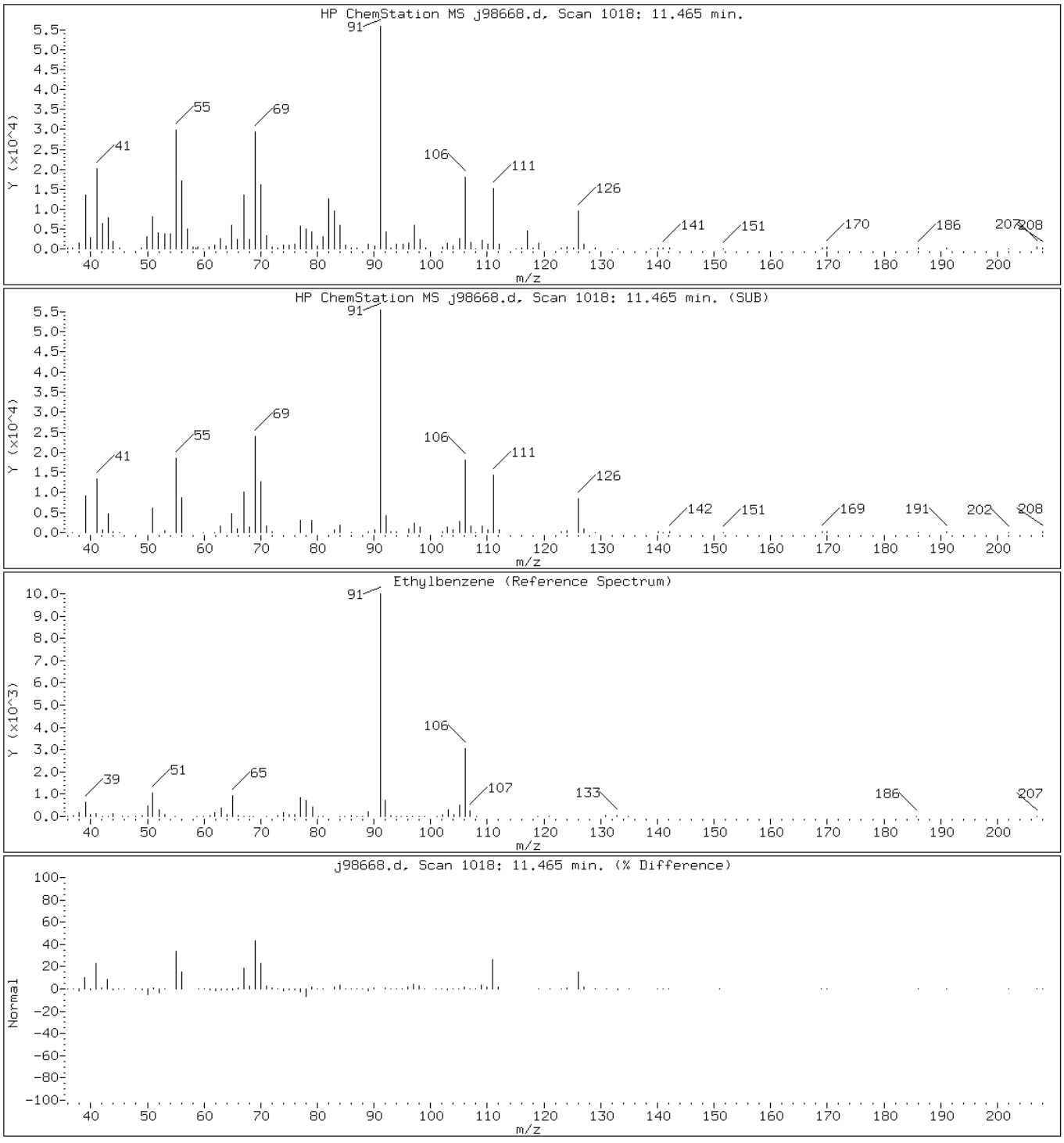
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

81 Ethylbenzene



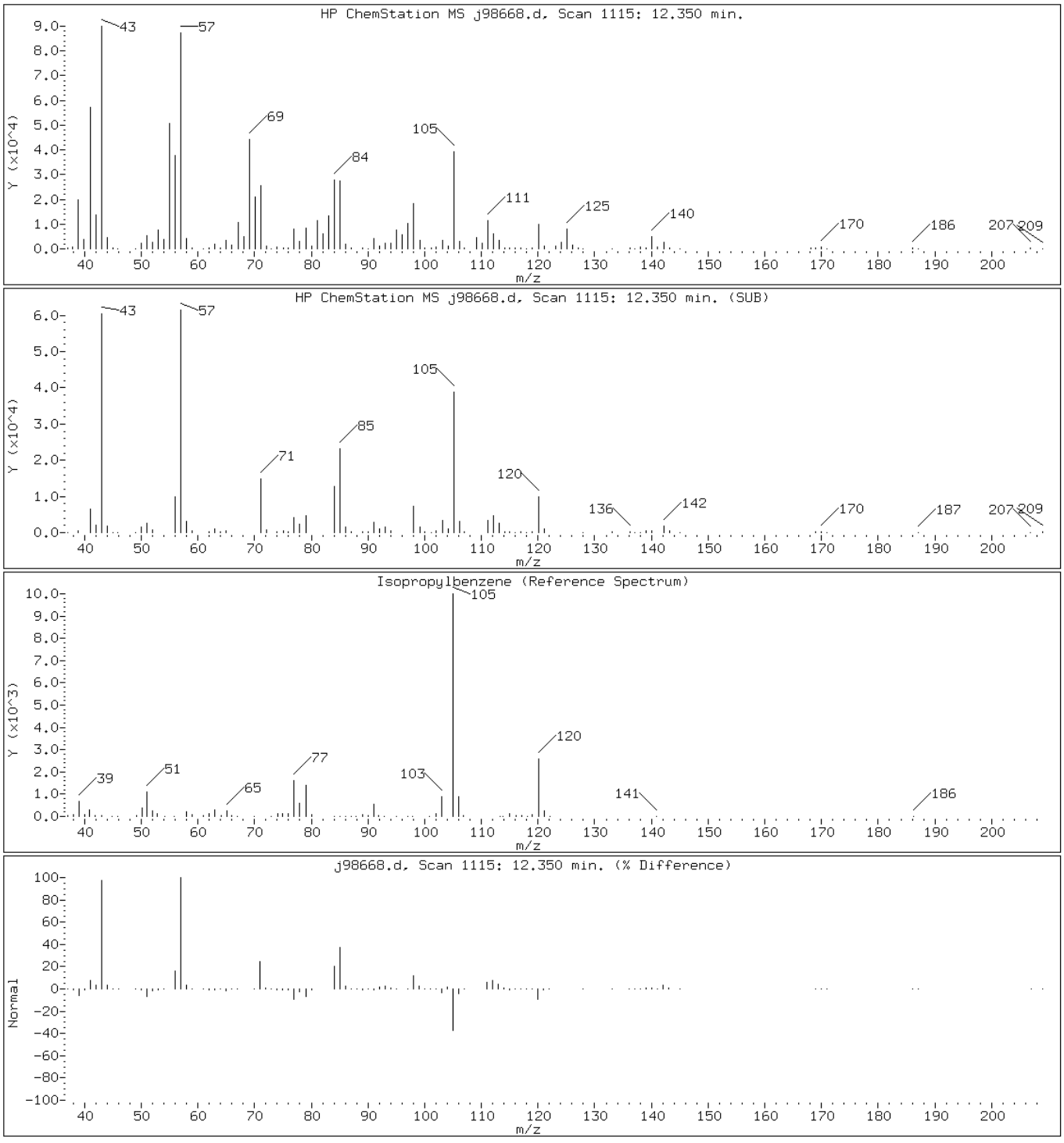
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

88 Isopropylbenzene



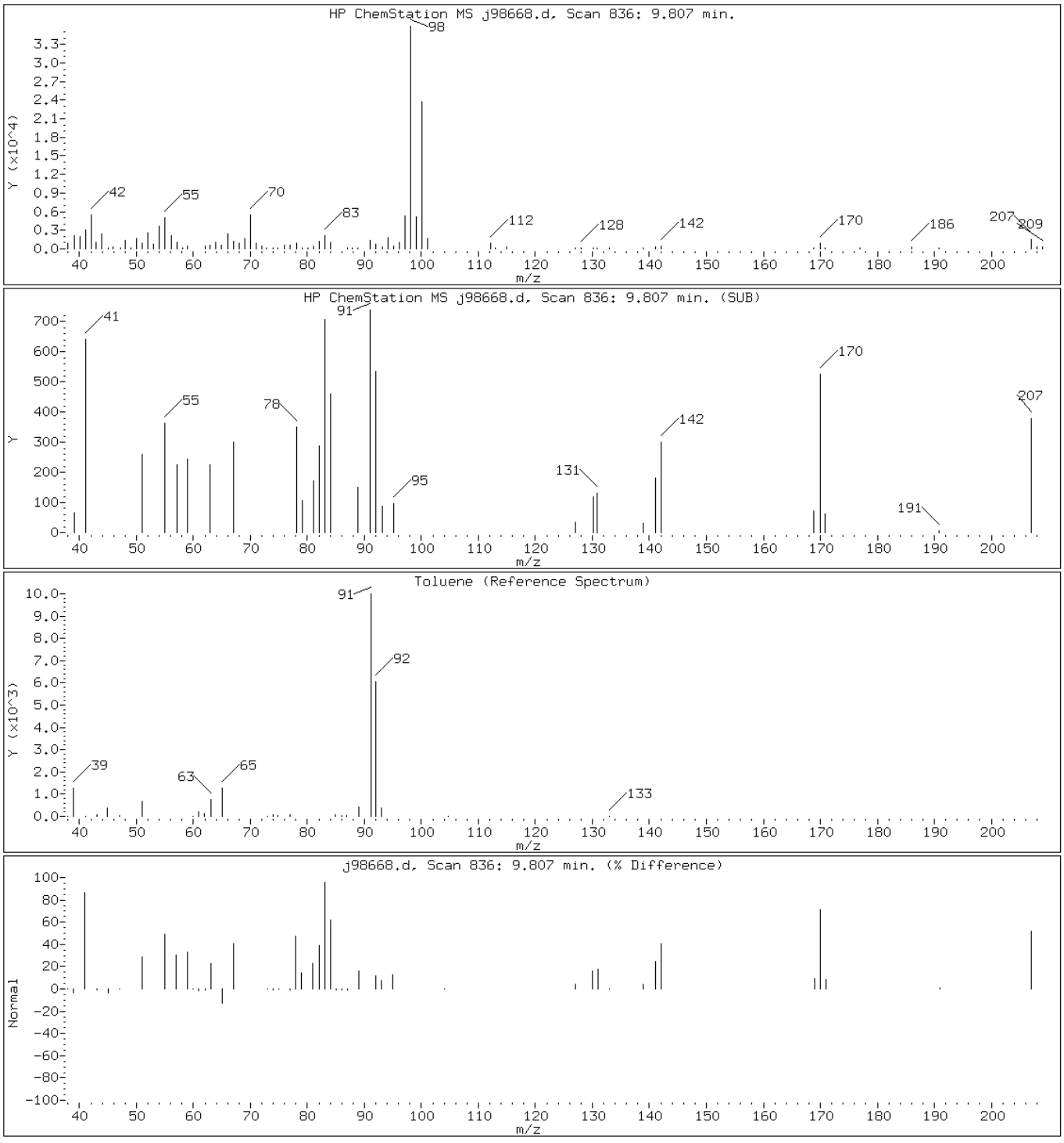
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

66 Toluene



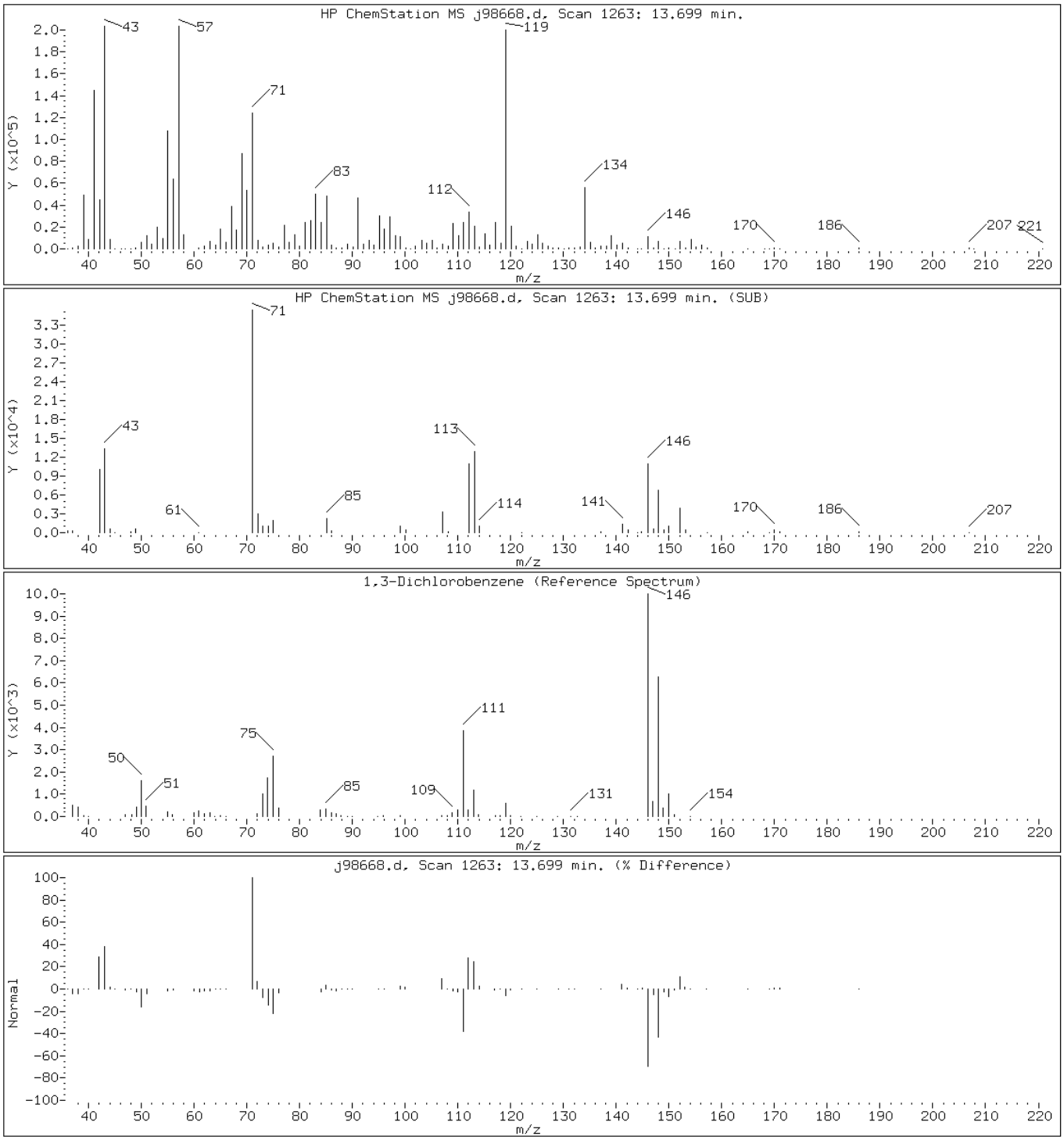
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

105 1,3-Dichlorobenzene



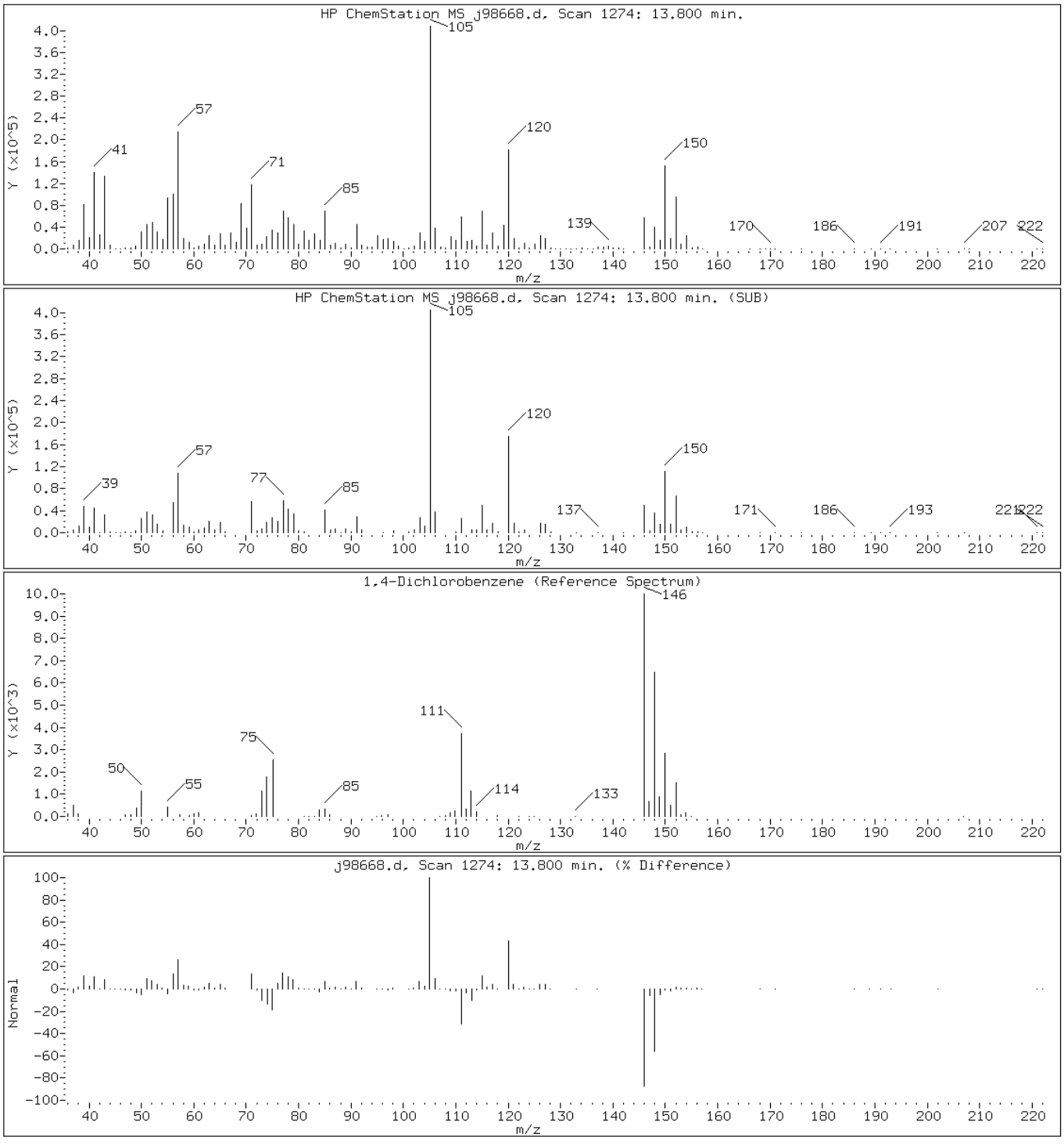
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

109 1,4-Dichlorobenzene



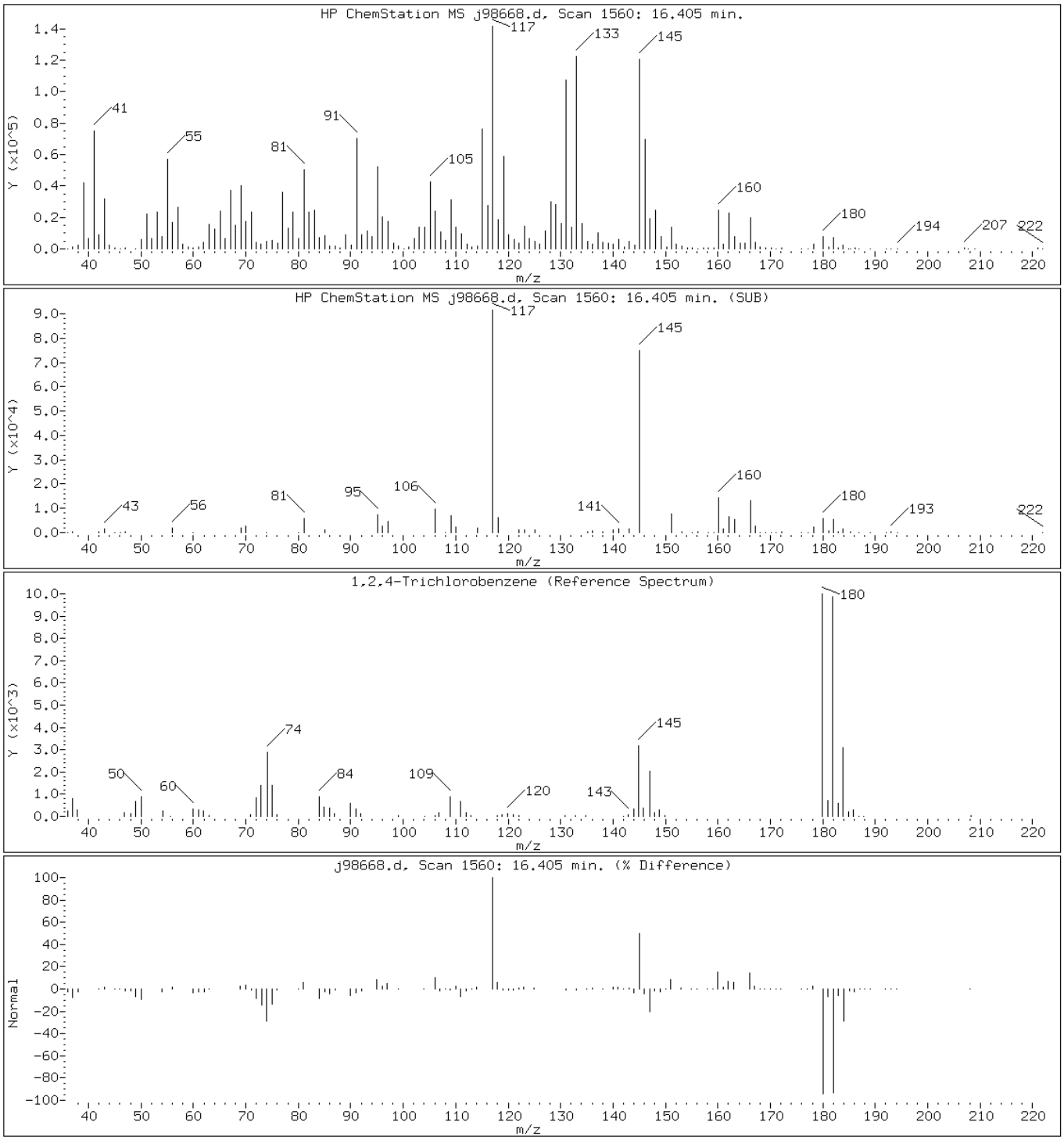
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

114 1,2,4-Trichlorobenzene



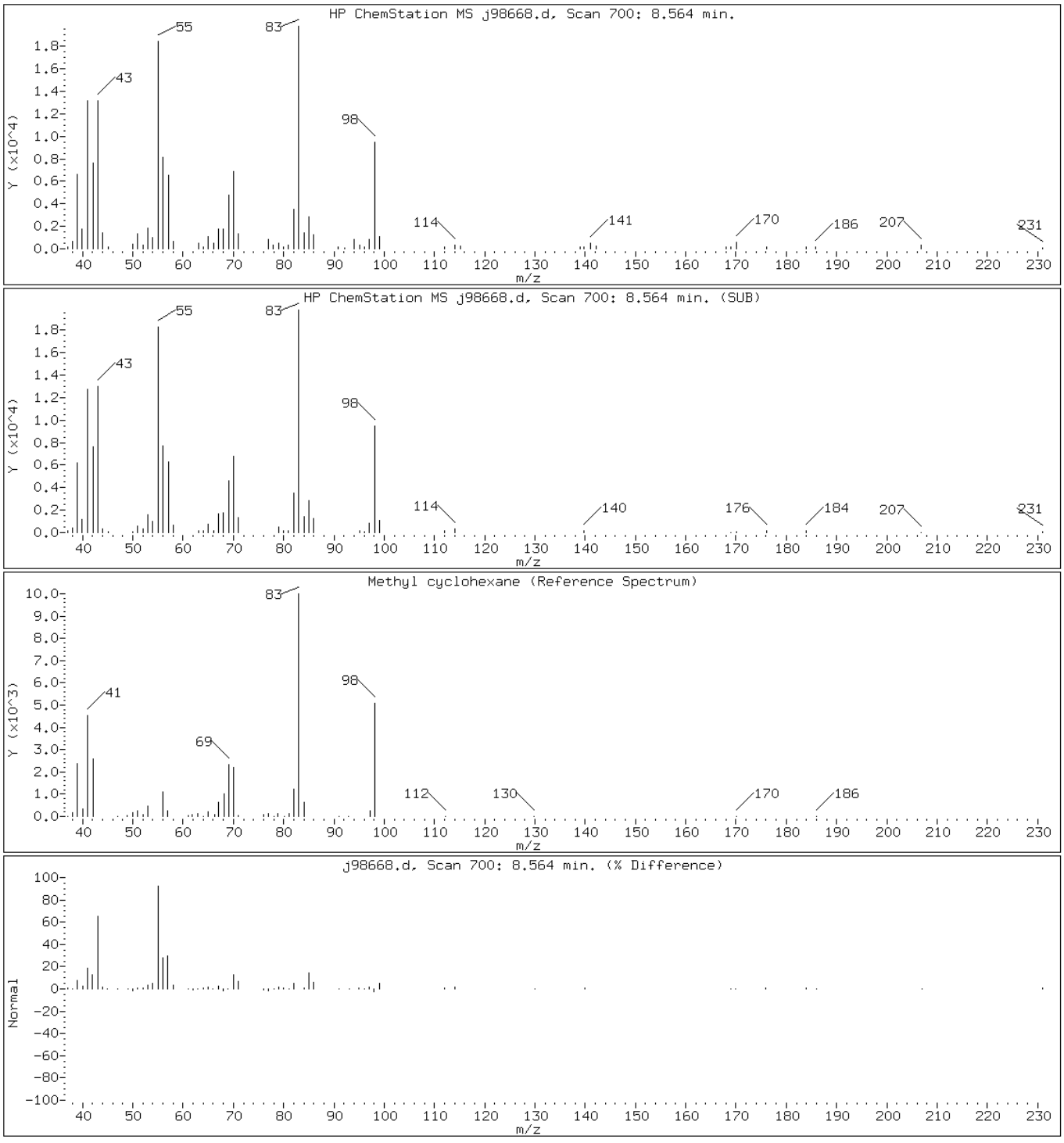
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

56 Methyl cyclohexane



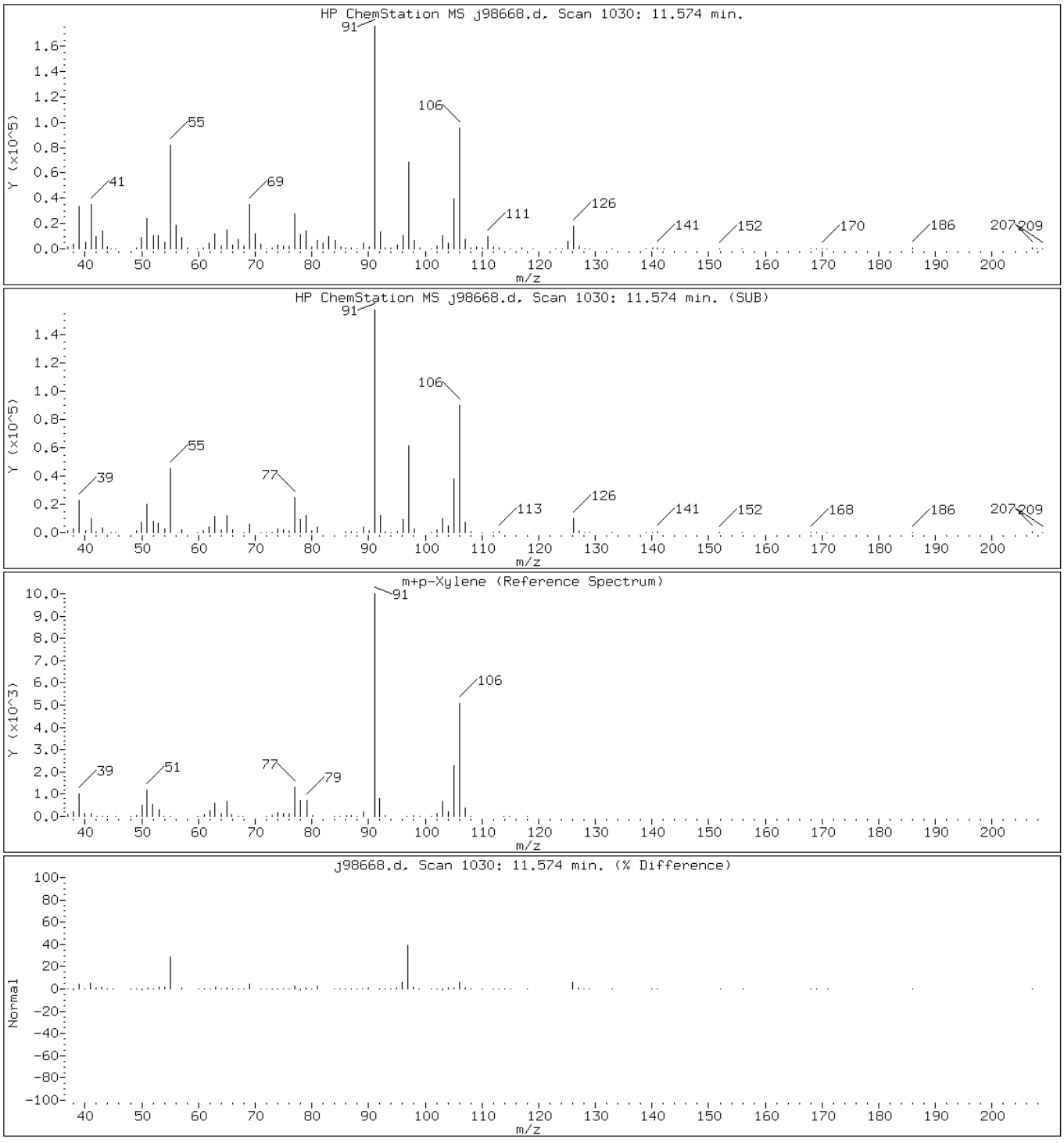
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

82 m+p-Xylene



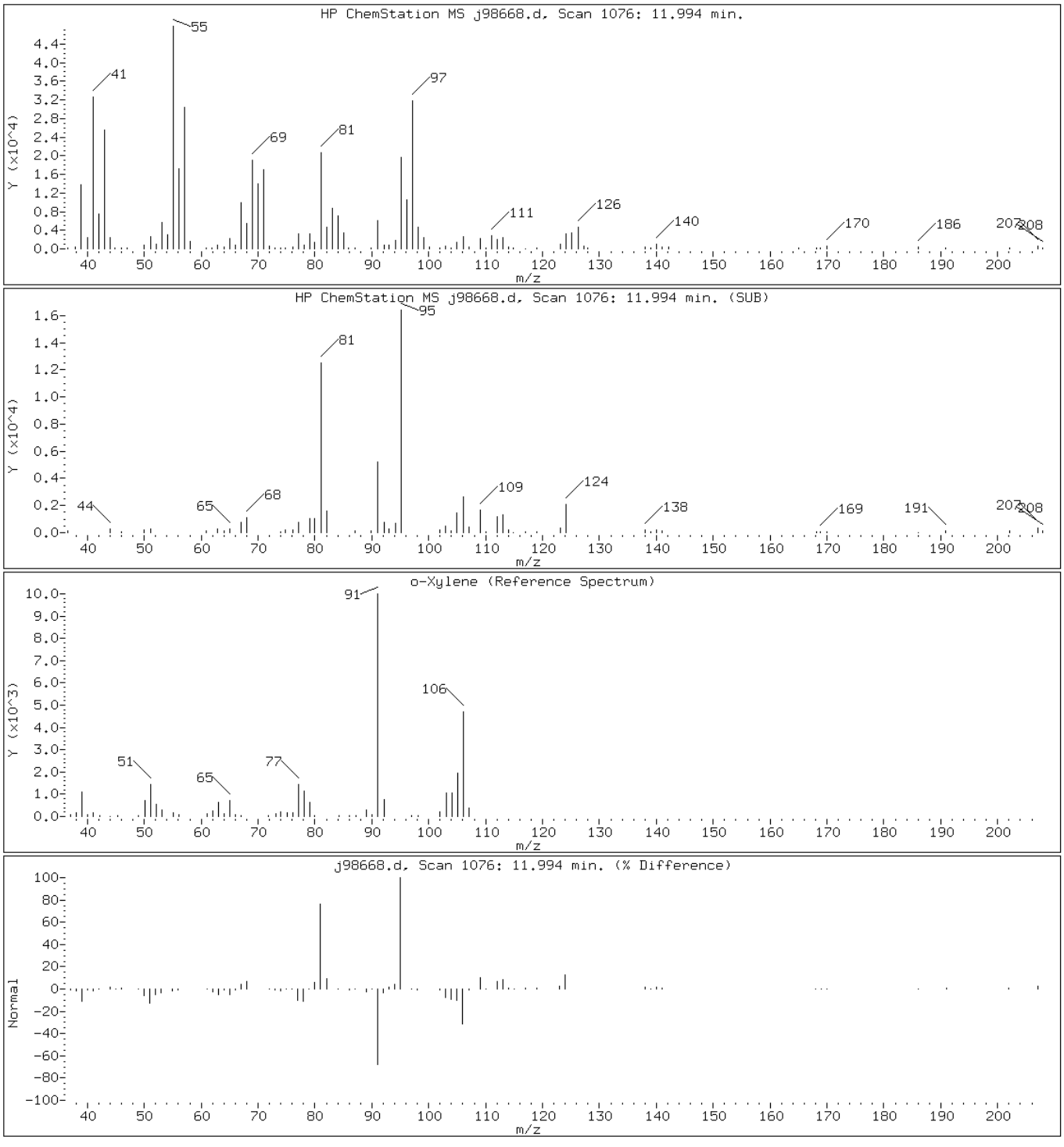
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

84 o-Xylene



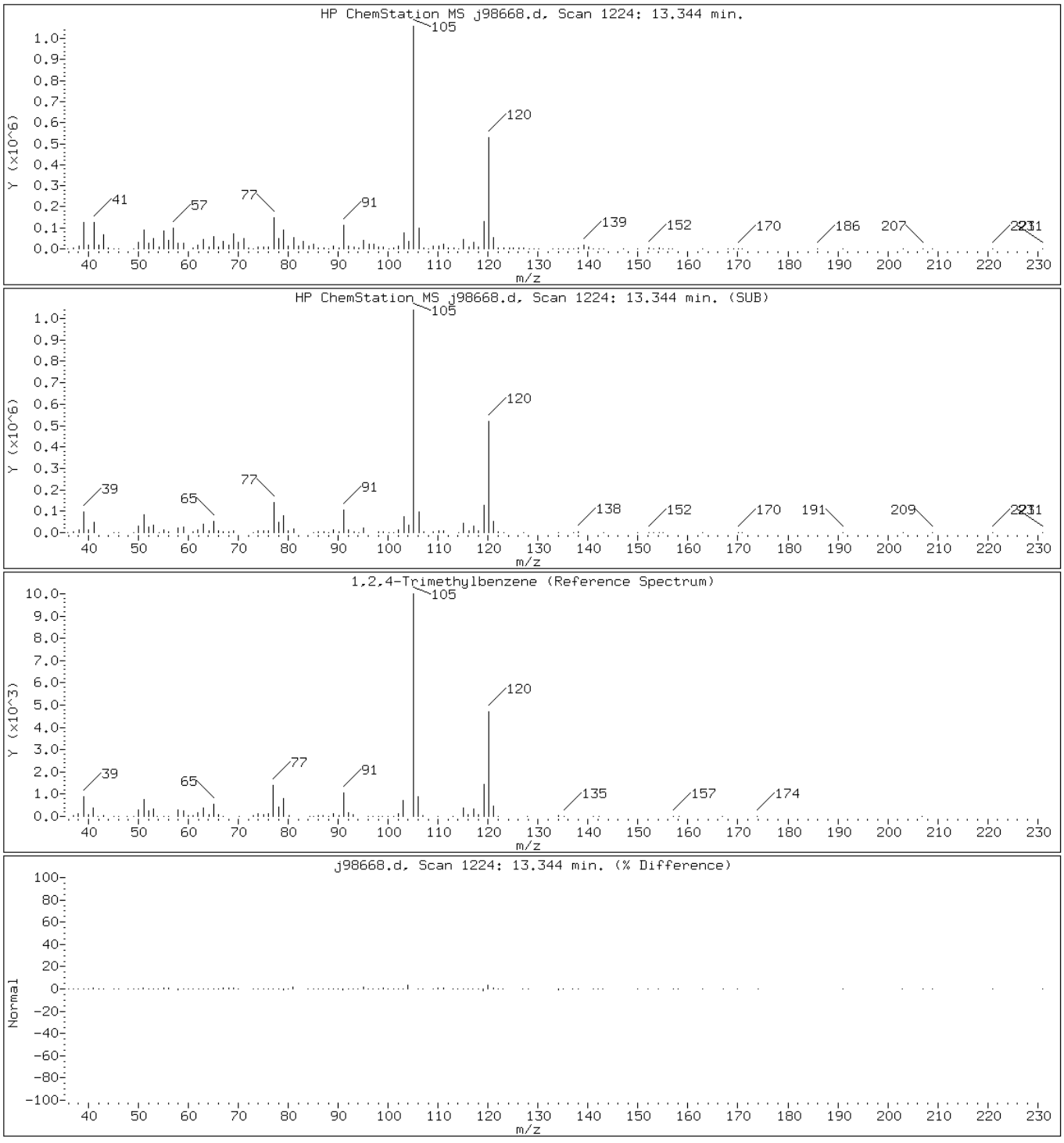
Data File: j98668.d

Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

101 1,2,4-Trimethylbenzene



Data File: j98668.d

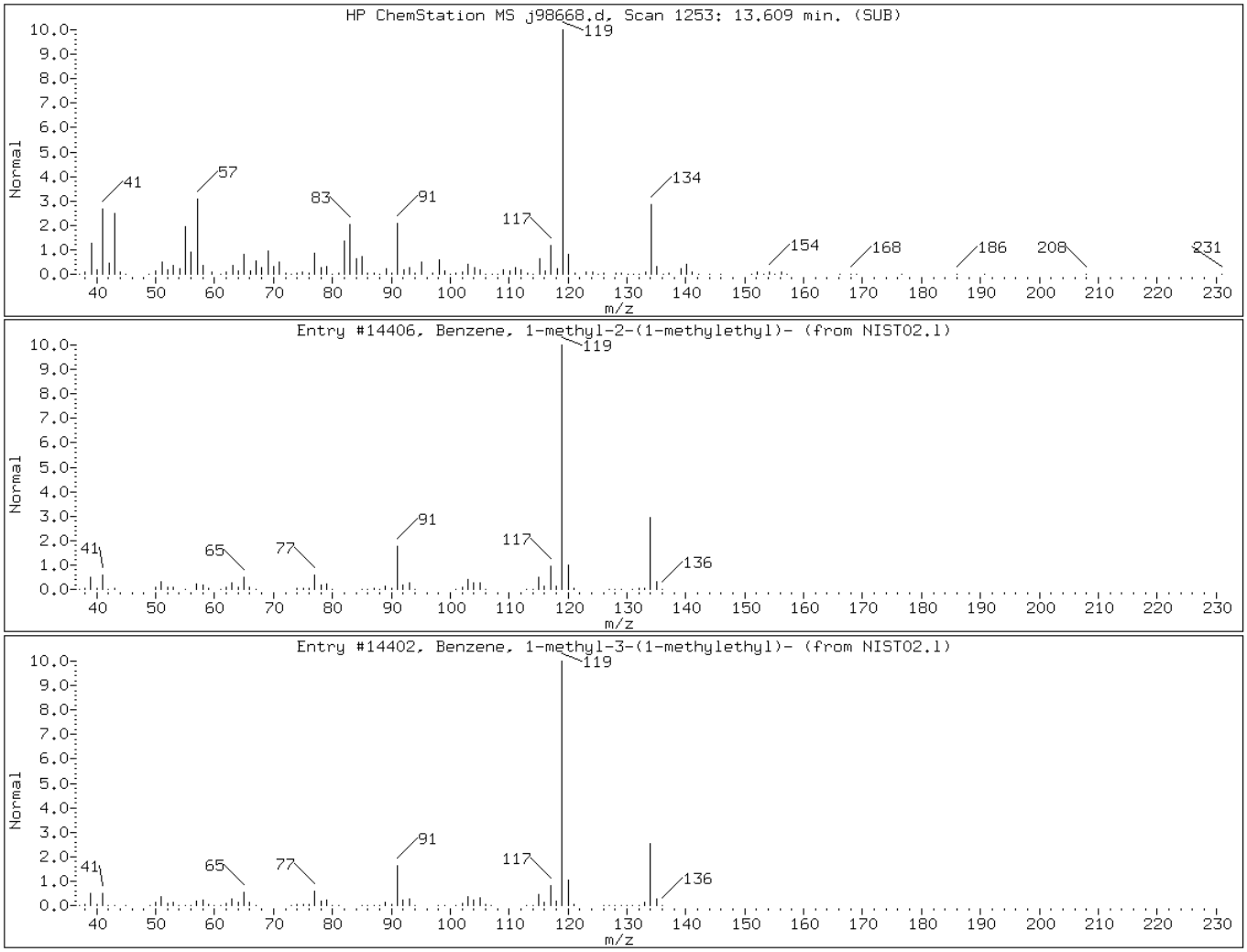
Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

Retention Time: 13.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methyl-methylethylbenzene isomer						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	95	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	93	C10H14	134



Data File: j98668.d

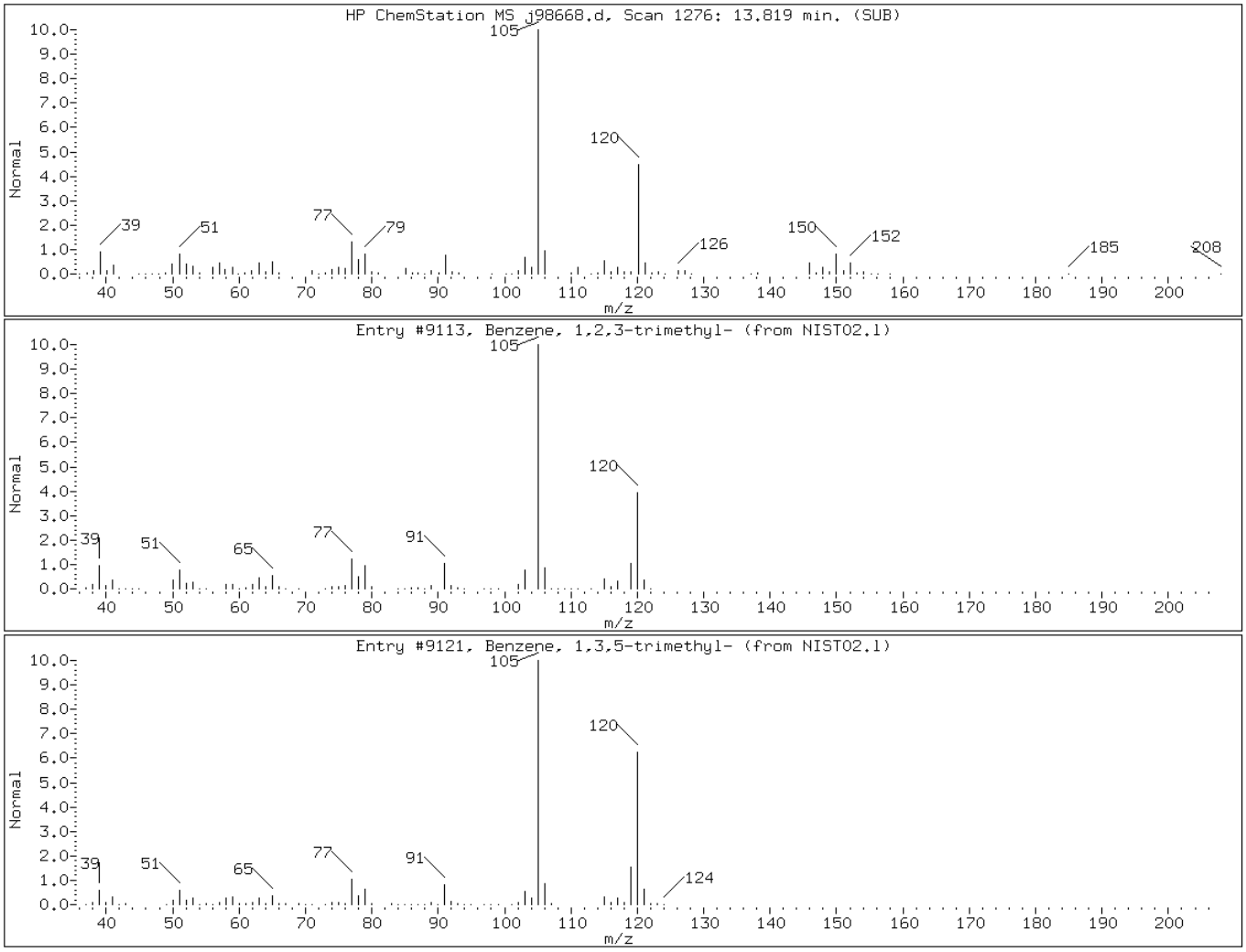
Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

Retention Time: 13.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9113	94	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9121	93	C9H12	120



Data File: j98668.d

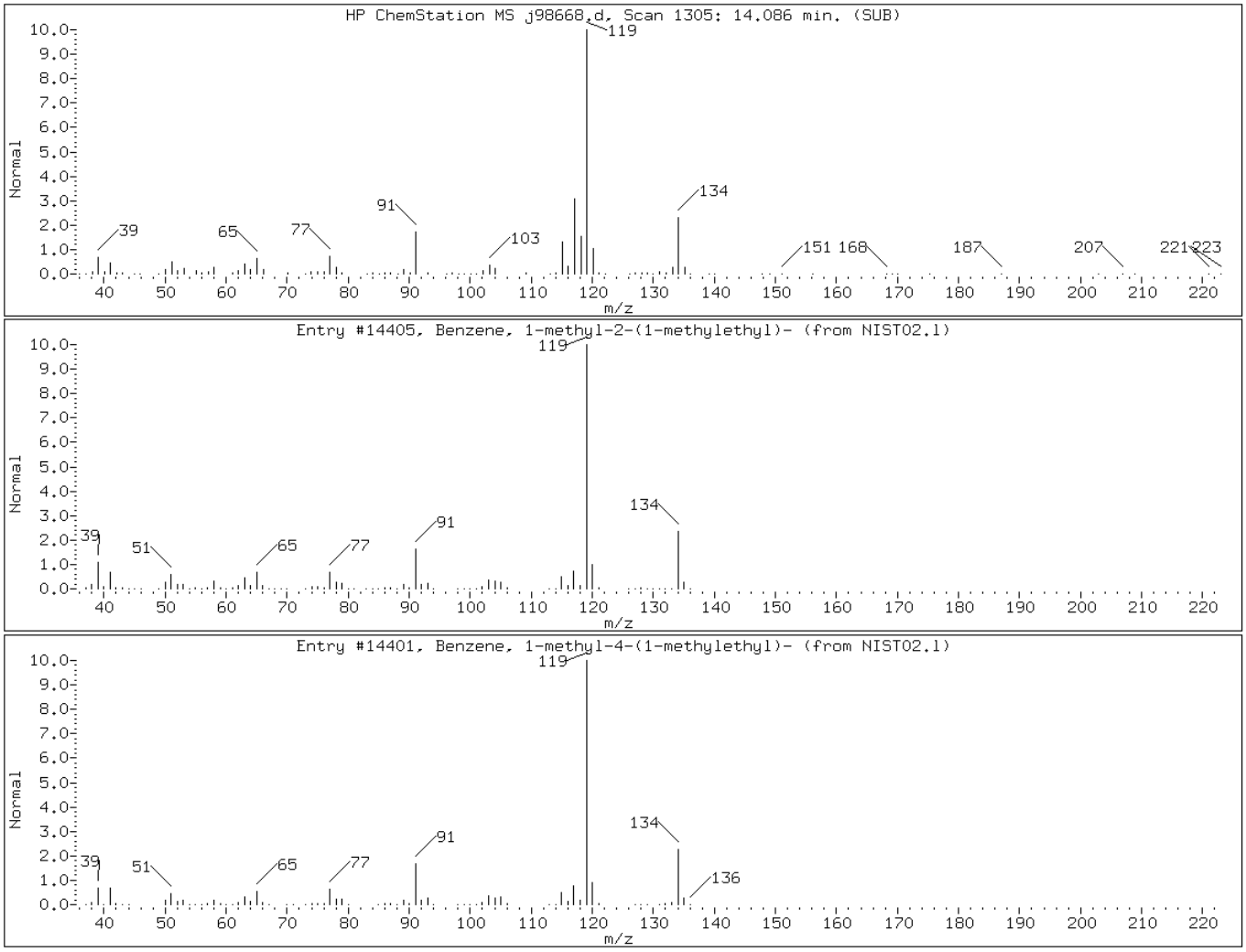
Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

Retention Time: 14.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methyl-methylethylbenzene isomer-1						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14405	81	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	81	C10H14	134



Data File: j98668.d

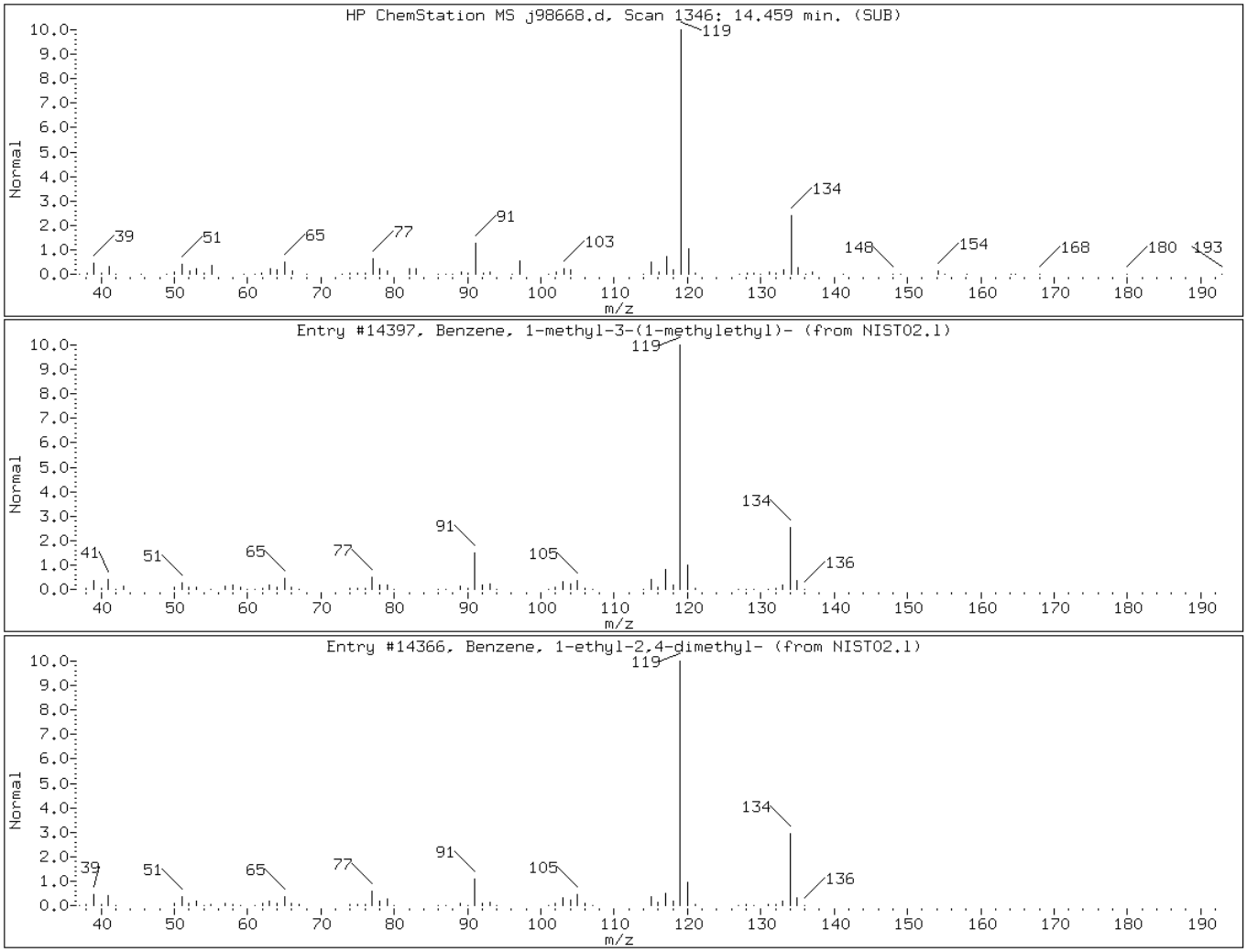
Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

Retention Time: 14.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methyl-methylethylbenzene isomer-1						
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14397	95	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	94	C10H14	134



Data File: j98668.d

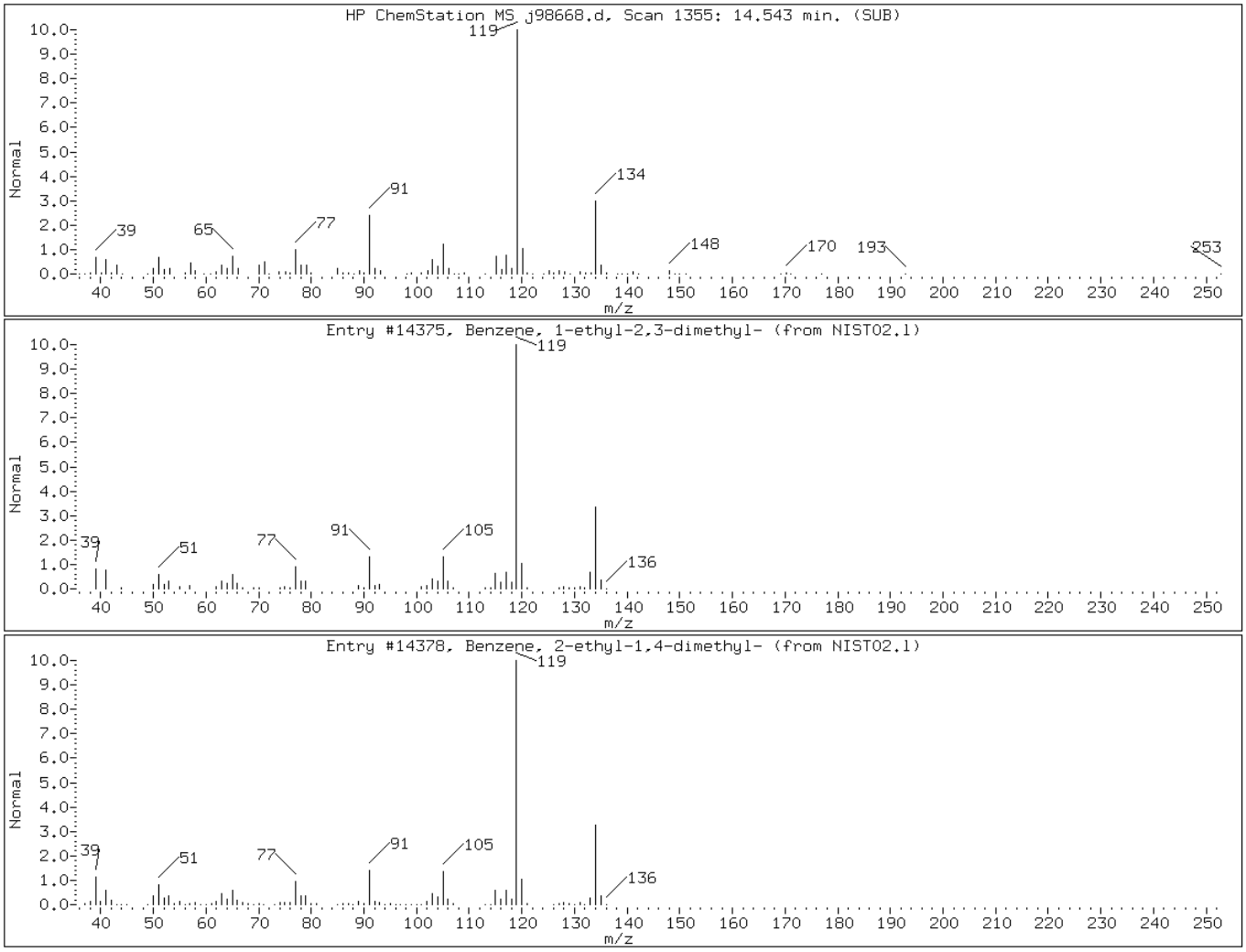
Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

Retention Time: 14.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14375	94	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14378	94	C10H14	134



Data File: j98668.d

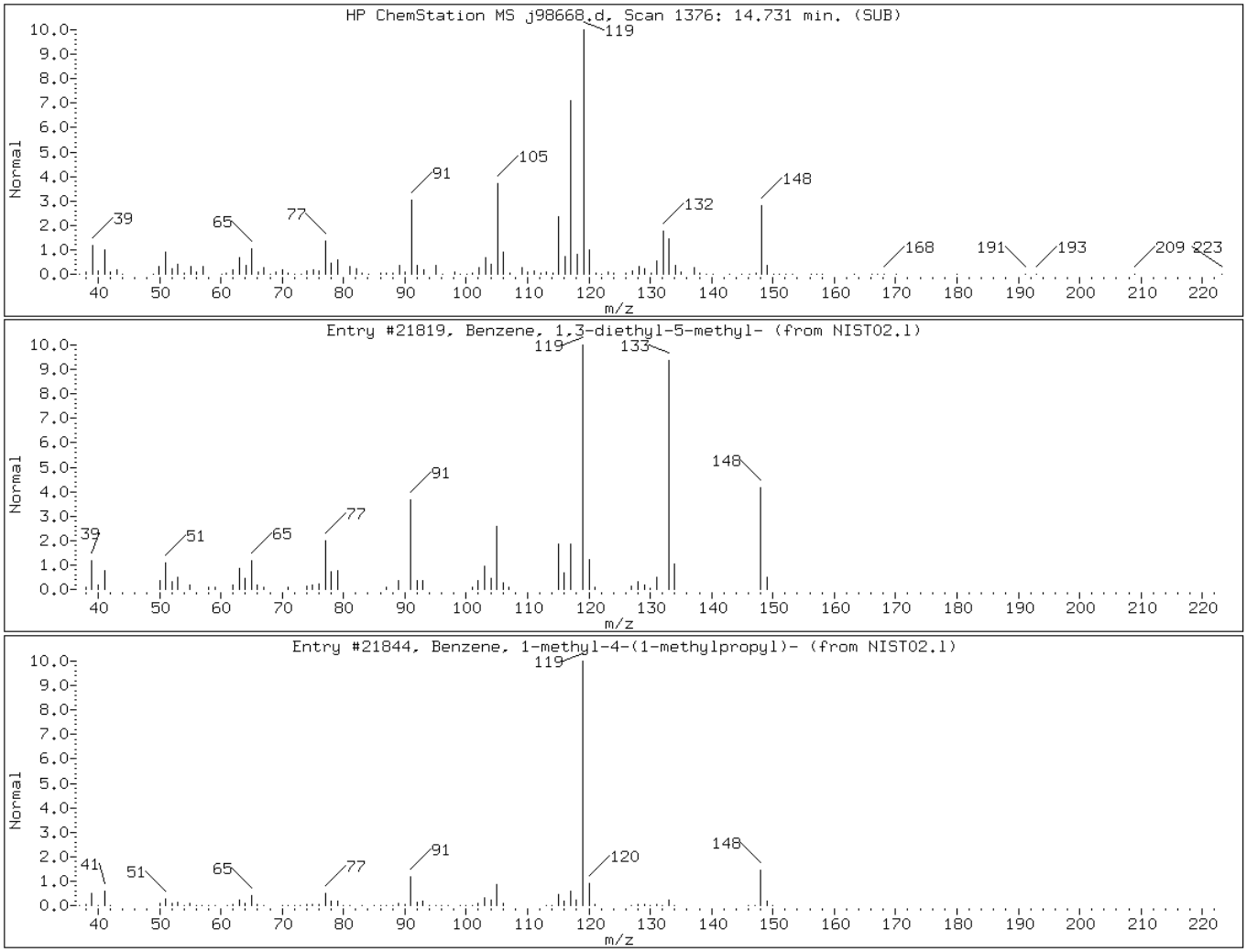
Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

Retention Time: 14.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	64	C11H16	148
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	53	C11H16	148



Data File: j98668.d

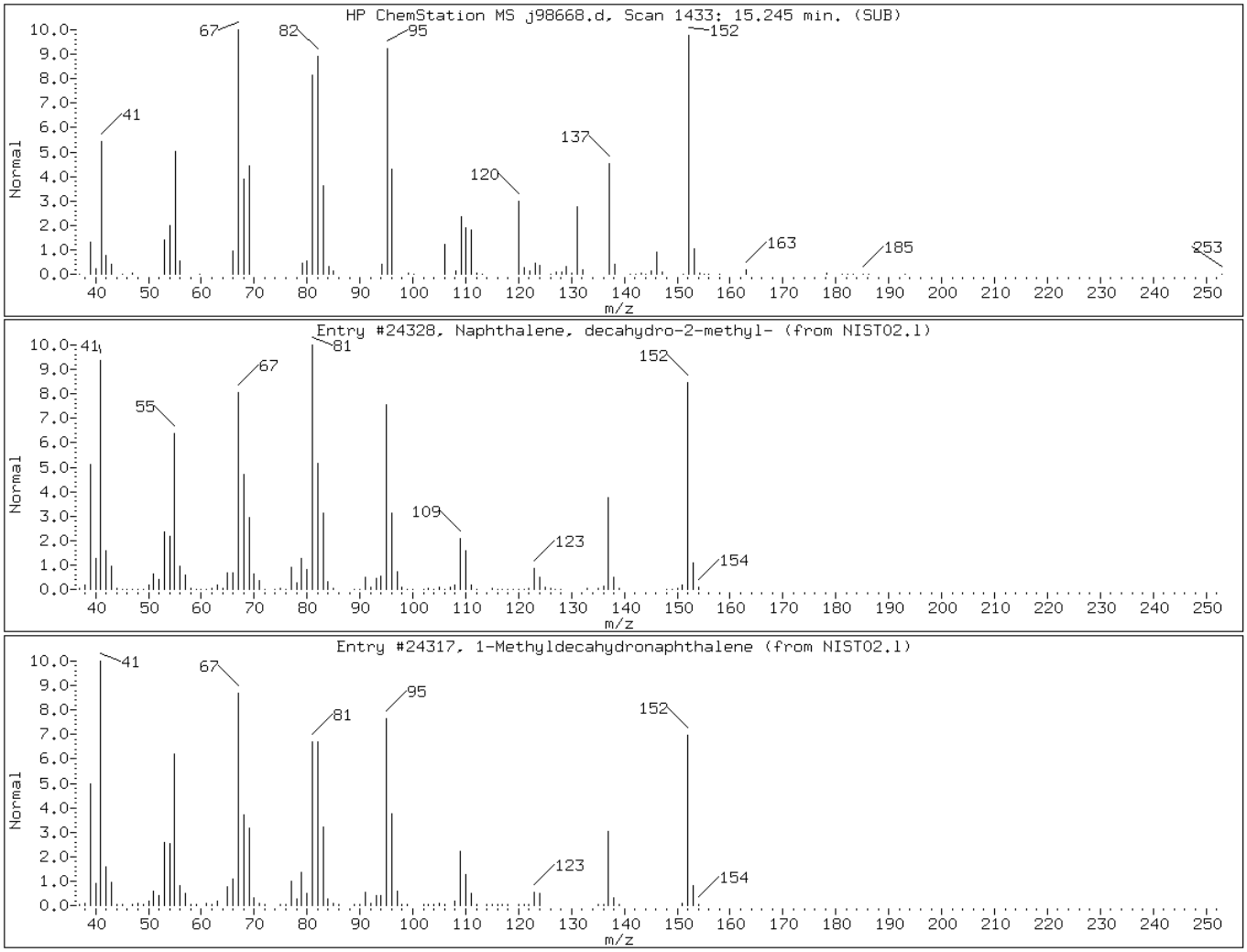
Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

Retention Time: 15.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	89	C11H20	152
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	89	C11H20	152



Data File: j98668.d

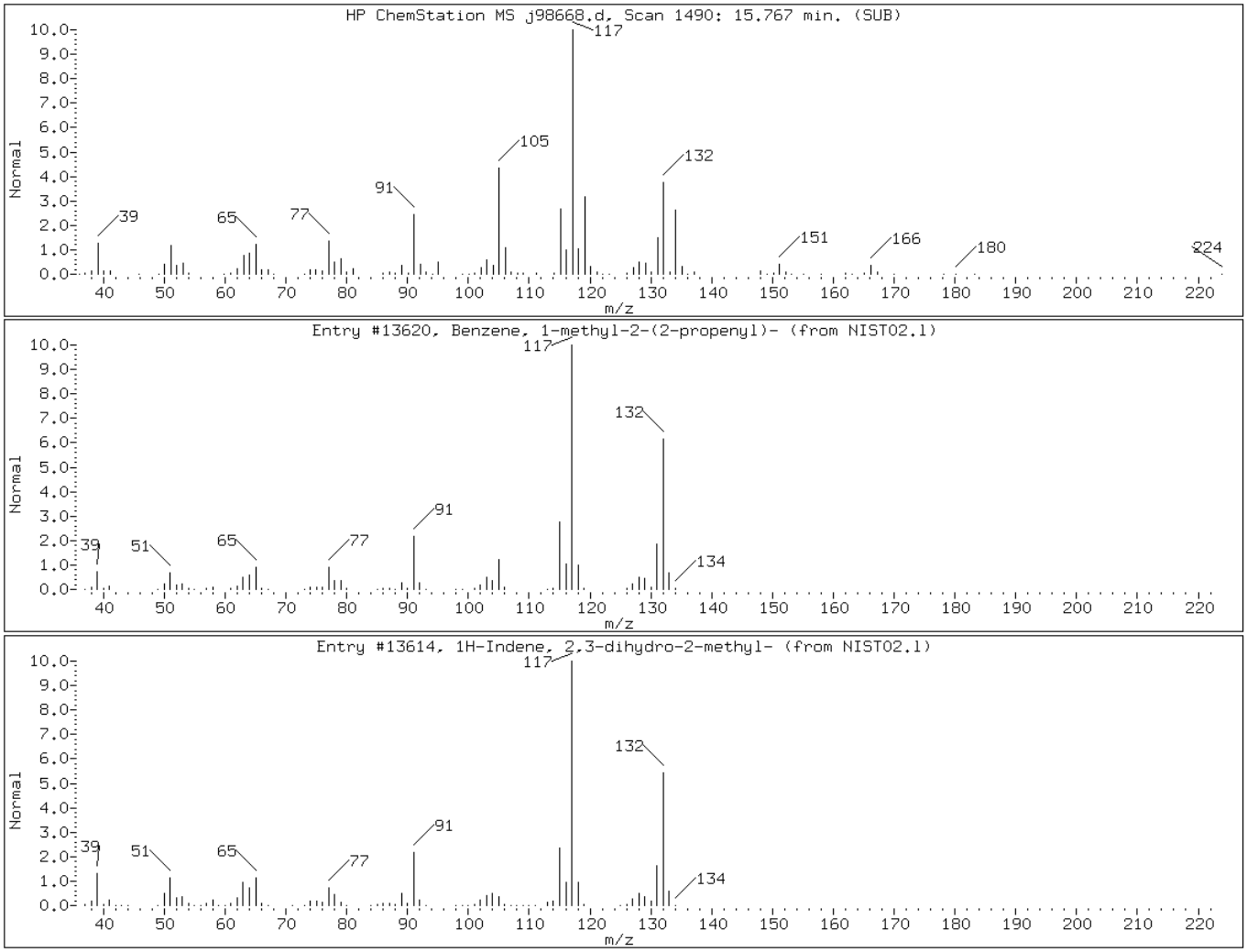
Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

Retention Time: 15.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic/C10H14 Aromatic						
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.l	13620	86	C10H12	132
1H-Indene, 2,3-dihydro-2-methyl-	824-63-5	NIST02.l	13614	83	C10H12	132



Data File: j98668.d

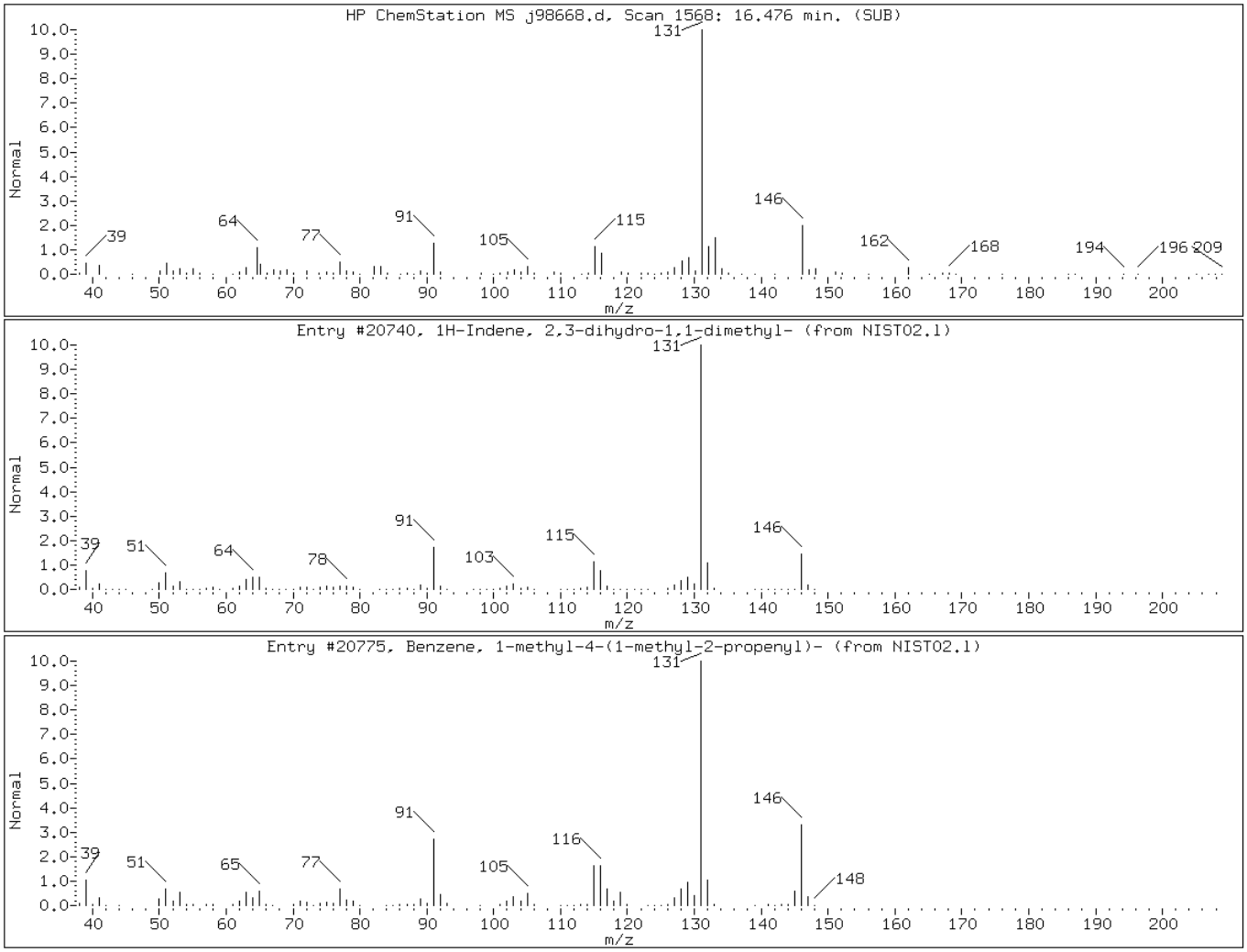
Date: 25-MAR-2011 15:33

Client ID: PMP-18-SI-E (10.5-1 Instrument: VOAMS8.i

Sample Info: 460-24277-B-31-A;50;;11.49;5 Operator:

Retention Time: 16.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-1,1-dimethy	4912-92-9	NIST02.l	20740	89	C11H14	146
Benzene, 1-methyl-4-(1-methyl-2-pr	97664-18-1	NIST02.l	20775	68	C11H14	146



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-64630/6	o45226.d
Level 2	IC 460-64630/7	o45228.d
Level 3	ICIS 460-64630/2	o45214.d
Level 4	IC 460-64630/3	o45218.d
Level 5	IC 460-64630/4	o45219.d
Level 6	IC 460-64630/5	o45220.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3361 0.3122	0.3092	0.2468	0.3094	0.3451	Ave		0.3098				11.1		15.0			
Chloromethane	0.3691 0.3371	0.3649	0.2936	0.3030	0.3276	Ave		0.3325			0.1000	9.3		15.0			
Vinyl chloride	0.3233 0.3369	0.3330	0.2698	0.3089	0.3355	Ave		0.3179				8.1		30.0			
Bromomethane	0.1977 0.1503	0.1970	0.1649	0.1759	0.1824	Ave		0.1780				10.4		15.0			
Chloroethane	0.2447 0.1902	0.2489	0.1959	0.2122	0.2260	Ave		0.2196				11.2		15.0			
Trichlorofluoromethane	0.5214 0.4985	0.5131	0.4096	0.5052	0.5360	Ave		0.4973				9.0		15.0			
n-Pentane	0.0560 0.0521	0.0451	0.0503	0.0574	0.0534	Ave		0.0524				8.4		15.0			
Ethanol	0.0010 0.0013	0.0011	0.0010	0.0009	0.0010	Ave		0.0010				11.2		15.0			
Ethyl ether	0.1768 0.1858	0.1825	0.1769	0.1740	0.1818	Ave		0.1796				2.5		15.0			
Isopropene	0.3324 0.4113	0.3144	0.3412	0.4084	0.4107	Ave		0.3697				12.2		15.0			
Acrolein	0.0141 0.0161	0.0153	0.0162	0.0151	0.0157	Ave		0.0154				4.9		15.0			
1,1-Dichloroethene	0.2402 0.2465	0.2324	0.2296	0.2466	0.2597	Ave		0.2425				4.5		30.0			
Freon TF	0.2446 0.2825	0.2276	0.2512	0.3032	0.3027	Ave		0.2686				11.9		15.0			
Acetone	0.0595 0.0429	0.0650	0.0554	0.0439	0.0409	LinF		0.0428							0.9997		0.9900
Iodomethane	0.2948 0.3458	0.2857	0.2708	0.3472	0.3804	Ave		0.3208				13.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	0.6566 0.8114	0.6681	0.7231	0.8295	0.8407	Ave		0.7549				11.0		15.0			
Isopropanol	0.0105 0.0123	0.0125	0.0111	0.0107	0.0108	Ave		0.0113				7.7		15.0			
Acetonitrile	0.0127 0.0188	0.0164	0.0193	0.0180	0.0191	Ave		0.0174				14.5		15.0			
Methyl acetate	0.0653 0.0469	0.0528	0.0525	0.0467	0.0447	Ave		0.0515				14.6		15.0			
Methylene Chloride	0.3242 0.2601	0.2861	0.2800	0.2674	0.2786	Ave		0.2827				7.9		15.0			
TBA	0.0191 0.0212	0.0191	0.0175	0.0170	0.0189	Ave		0.0188				7.8		15.0			
Acrylonitrile	0.0599 0.0731	0.0651	0.0604	0.0595	0.0649	Ave		0.0638				8.1		15.0			
trans-1,2-Dichloroethene	0.3043 0.2894	0.2825	0.2816	0.2914	0.3087	Ave		0.2930				3.8		15.0			
MTBE	0.6449 0.6768	0.6236	0.6278	0.6296	0.6717	Ave		0.6457				3.6		15.0			
Hexane	0.1791 0.2303	0.1577	0.1816	0.2290	0.2330	LinF		0.2306							0.9999		0.9900
1,1-Dichloroethane	0.4713 0.4554	0.4657	0.4396	0.4528	0.4772	Ave		0.4603			0.1000	3.0		15.0			
Vinyl acetate	0.5197 0.5710	0.4561	0.4533	0.4781	0.5798	Ave		0.5097				11.0		15.0			
DIPE	0.5770 0.7477	0.6831	0.6741	0.6944	0.7518	Ave		0.6880				9.2		15.0			
Tert-butyl ethyl ether	0.6163 0.7847	0.6970	0.7113	0.7383	0.7912	Ave		0.7231				8.9		15.0			
2,2-Dichloropropane	0.4156 0.4801	0.4209	0.4307	0.4651	0.4995	Ave		0.4520				7.6		15.0			
cis-1,2-Dichloroethene	0.3309 0.3233	0.3259	0.3333	0.3281	0.3454	Ave		0.3312				2.4		15.0			
2-Butanone	0.0258 0.0249	0.0286	0.0263	0.0233	0.0259	Ave		0.0258				6.7		15.0			
Ethyl acetate	0.0226 0.0213	0.0200	0.0185	0.0179	0.0200	Ave		0.0200				8.7		15.0			
Bromochloromethane	0.1620 0.1387	0.1491	0.1519	0.1426	0.1492	Ave		0.1489				5.4		15.0			
Chloroform	0.5020 0.4908	0.4957	0.4922	0.4927	0.5172	Ave		0.4984				2.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.4359 0.4886	0.4305	0.4420	0.4712	0.5081	Ave		0.4627				6.8		15.0			
Cyclohexane	0.3744 0.4869	0.3397	0.3749	0.4704	0.4957	LinF		0.4879							0.9998		0.9900
Carbon tetrachloride	0.3370 0.4244	0.3435	0.3522	0.4001	0.4376	Ave		0.3825				11.5		15.0			
1,1-Dichloropropene	0.4075 0.4366	0.3877	0.3698	0.4189	0.4488	Ave		0.4115				7.2		15.0			
Benzene	1.1662 1.1558	1.1663	1.1273	1.1552	1.2153	Ave		1.1643				2.5		15.0			
1,2-Dichloroethane	0.3340 0.3116	0.3181	0.3153	0.3093	0.3217	Ave		0.3183				2.8		15.0			
Isopropyl acetate	0.3807 0.4421	0.3573	0.3626	0.3723	0.4156	Ave		0.3885				8.6		15.0			
Tert-amyl methyl ether	0.5521 0.7191	0.6013	0.6361	0.6593	0.7156	Ave		0.6472				10.1		15.0			
2,4,4-Trimethyl-1-pentene	0.1218 0.1430	0.1217	0.1079	0.1407	0.1573	Ave		0.1320				13.7		15.0			
n-Butanol	0.0018 0.0033	0.0024	0.0023	0.0025	0.0030	QuaF		489.17	-958.8						0.9964		0.9900
Trichloroethene	0.3222 0.3239	0.3058	0.2995	0.3124	0.3328	Ave		0.3161				3.9		15.0			
Ethyl acrylate	0.1931 0.2514	0.1782	0.2007	0.2029	0.2606	LinF		0.2523							0.9992		0.9900
Methylcyclohexane	0.3973 0.6095	0.4140	0.4694	0.5893	0.6287	LinF		0.6119							0.9997		0.9900
1,2-Dichloropropane	0.2419 0.2676	0.2567	0.2495	0.2520	0.2732	Ave		0.2568				4.6		30.0			
Dibromomethane	0.1434 0.1430	0.1448	0.1439	0.1386	0.1472	Ave		0.1435				2.0		15.0			
1,4-Dioxane	0.0028 0.0027	0.0030	0.0023	0.0026	0.0032	Ave		0.0028				11.2		15.0			
Methyl methacrylate	0.1339 0.1469	0.1165	0.1190	0.1226	0.1373	Ave		0.1293				9.2		15.0			
Propyl acetate	0.1920 0.2474	0.1970	0.1951	0.2020	0.2276	Ave		0.2102				10.6		15.0			
Bromodichloromethane	0.3016 0.3560	0.3231	0.3329	0.3364	0.3670	Ave		0.3362				6.9		15.0			
2-Chloroethyl vinyl ether	0.0310 0.0505	0.0301	0.0313	0.0353	0.0418	QuaF		26.291	-12.86						0.9999		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	0.0141 0.0194	0.0145	0.0151	0.0158	0.0178	Ave		0.0161				12.9		15.0			
cis-1,3-Dichloropropene	0.3561 0.4333	0.3905	0.4025	0.4023	0.4447	Ave		0.4049				7.8		15.0			
4-Methyl-2-pentanone	0.1218 0.1615	0.1395	0.1241	0.1287	0.1457	Ave		0.1369				11.1		15.0			
Toluene	2.1419 1.8090	2.0242	1.8752	1.9123	1.9597	Ave		1.9537				6.0		30.0			
trans-1,3-Dichloropropene	0.4535 0.5366	0.4594	0.4882	0.4999	0.5479	Ave		0.4976				7.8		15.0			
1,1,2-Trichloroethane	0.2343 0.2402	0.2454	0.2402	0.2342	0.2448	Ave		0.2398				2.0		15.0			
Tetrachloroethene	0.5754 0.5173	0.5065	0.5010	0.5442	0.5566	Ave		0.5335				5.6		15.0			
1,3-Dichloropropane	0.5168 0.5150	0.5229	0.5112	0.4976	0.5245	Ave		0.5147				1.9		15.0			
2-Hexanone	0.1164 0.1600	0.1385	0.1166	0.1241	0.1429	Ave		0.1331				12.9		15.0			
Dibromochloromethane	0.3056 0.3810	0.3115	0.3312	0.3442	0.3840	Ave		0.3429				9.8		15.0			
Butyl acetate	0.3006 0.3798	0.2808	0.2993	0.3101	0.3537	Ave		0.3207				11.8		15.0			
1,2-Dibromoethane	0.2789 0.3000	0.3166	0.2958	0.2912	0.3085	Ave		0.2985				4.4		15.0			
Chlorobenzene	1.2248 1.2082	1.2407	1.2095	1.2253	1.2708	Ave		1.2299			0.3000	1.9		15.0			
1,1,1,2-Tetrachloroethane	0.3546 0.4293	0.3589	0.3935	0.4047	0.4422	Ave		0.3972				9.0		15.0			
Ethylbenzene	0.6089 0.6907	0.6430	0.6429	0.6783	0.7116	Ave		0.6626				5.7		30.0			
m&p-Xylene	0.7643 0.8382	0.8104	0.8188	0.8551	0.9028	Ave		0.8316				5.6		15.0			
o-Xylene	0.7544 0.8278	0.7618	0.7963	0.8217	0.8612	Ave		0.8039				5.1		15.0			
Styrene	1.1258 1.3882	1.2332	1.2786	1.3217	1.4481	Ave		1.2993				8.8		15.0			
Butyl acrylate	0.6469 1.1295	0.7443	0.8894	0.9100	1.0260	LinF		1.1146							0.9979		0.9900
Bromoform	0.1397 0.2457	0.1862	0.1902	0.1972	0.2387	LinF		0.2444			0.1000				0.9993		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	1.7737 2.0519	1.8438	1.8468	2.0326	2.2027	Ave		1.9586				8.3		15.0			
Camphene, Total	0.2990 0.3378	0.2335	0.2384	0.3046	0.3229	LinF		0.3355							0.9993		0.9900
Monobromobenzene	1.0646 0.9820	0.9902	1.0030	0.9712	0.9884	Ave		0.9999				3.3		15.0			
1,1,2,2-Tetrachloroethane	0.3850 0.7036	0.6221	0.6443	0.6250	0.6692	LinF		0.6984			0.3000				0.9994		0.9900
1,2,3-Trichloropropane	0.2247 0.2206	0.1995	0.2103	0.1947	0.2099	Ave		0.2100				5.5		15.0			
trans-1,4-Dichloro-2-butene	0.0651 0.0744	0.0554	0.0565	0.0607	0.0724	Ave		0.0641				12.5		15.0			
N-Propylbenzene	4.2332 4.6124	4.3957	4.5535	4.9518	5.2294	Ave		4.6626				7.9		15.0			
2-Chlorotoluene	2.6504 2.8999	2.6637	2.7294	2.7562	2.8681	Ave		2.7613				3.7		15.0			
4-Chlorotoluene	3.0901 3.0163	2.6816	2.8242	2.8642	3.0445	Ave		2.9202				5.4		15.0			
1,3,5-Trimethylbenzene	3.0733 3.6390	3.1951	3.3778	3.5158	3.7436	Ave		3.4241				7.6		15.0			
Butyl Methacrylate	0.6507 1.1430	0.7174	0.8291	0.9668	1.1095	LinF		1.1369							0.9994		0.9900
tert-Butylbenzene	2.7128 3.3005	2.9149	3.0171	3.1984	3.4126	Ave		3.0927				8.4		15.0			
1,2,4-Trimethylbenzene	3.0505 3.6407	3.3341	3.4765	3.5930	3.8516	Ave		3.4911				7.9		15.0			
sec-Butylbenzene	4.0731 4.3209	4.2158	4.4127	4.8784	5.2260	Ave		4.5211				9.7		15.0			
1,3-Dichlorobenzene	2.1887 1.9720	2.0117	2.0123	1.9869	2.0626	Ave		2.0390				3.9		15.0			
1,4-Dichlorobenzene	2.1447 1.8413	1.9567	1.9585	1.9712	2.0373	Ave		1.9849				5.1		15.0			
p-Isopropyltoluene	3.5820 3.6274	3.6383	3.8244	4.2343	4.4865	Ave		3.8988				9.6		15.0			
Benzyl chloride	0.8873 1.5858	0.8740	1.1573	1.3029	1.5334	LinF		1.5764							0.9992		0.9900
1,2-Dichlorobenzene	1.9422 1.7408	1.8288	1.8116	1.7946	1.8392	Ave		1.8262				3.6		15.0			
n-Butylbenzene	3.0523 3.2611	3.1487	3.4366	3.8476	4.0593	Ave		3.4676				11.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	0.1189 0.1297	0.1302	0.1090	0.1123	0.1201	Ave		0.1200				7.3		15.0			
Camphor	0.0597 0.0768	0.0625	0.0552	0.0662	0.0713	Ave		0.0653				12.1		15.0			
1,2,4-Trichlorobenzene	1.6630 1.3199	1.4408	1.4965	1.5348	1.4839	Ave		1.4898				7.6		15.0			
Hexachlorobutadiene	0.8303 0.7613	0.7714	0.7661	0.8995	0.8814	Ave		0.8184				7.5		15.0			
Naphthalene	3.1184 2.3349	2.6297	2.5615	2.6249	2.6233	Ave		2.6488				9.7		15.0			
1,2,3-Trichlorobenzene	1.5462 1.1833	1.3340	1.3069	1.3538	1.3040	Ave		1.3380				8.8		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1813 0.1781	0.1913	0.1806	0.1801	0.1916	Ave		0.1838				3.3		15.0			
Toluene-d8 (Surr)	1.1356 1.1232	1.1786	1.1244	1.1571	1.1906	Ave		1.1516				2.5		15.0			
Bromofluorobenzene	0.7258 0.7467	0.7621	0.7339	0.7356	0.7625	Ave		0.7444				2.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-64630/6	o45226.d
Level 2	IC 460-64630/7	o45228.d
Level 3	ICIS 460-64630/2	o45214.d
Level 4	IC 460-64630/3	o45218.d
Level 5	IC 460-64630/4	o45219.d
Level 6	IC 460-64630/5	o45220.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	8239 4167631	38565	122450	389935	1774265	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	9050 4499136	45501	145632	381894	1684170	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	7926 4497524	41532	133864	389397	1724856	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4847 2006113	24570	81782	221719	937726	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	5998 2538828	31034	97189	267460	1161742	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	12782 6654297	63992	203169	636769	2755668	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	1373 695309	5624	24969	72315	274542	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	23790 200644	52455	71362	94799	133145	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	4335 2479953	22761	87738	219311	934774	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	8149 5489709	39210	169238	514831	2111780	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	34689 257891	76380	120366	151872	202018	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	5889 3289900	28978	113895	310828	1335282	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	5996 3770721	28379	124632	382187	1556527	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	14597 1144753	24321	27460	55383	210250	10.0 1000	15.0	20.0	50.0	200
Iodomethane	FB	Ave	7227 4616107	35632	134329	437617	1955587	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	16097 10830911	83312	358700	1045513	4322447	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropanol	FB	Ave	257590 1970338	625295	824747	1074196	1393413	1000 6000	2000	3000	4000	5000
Acetonitrile	FB	Ave	6224 5010266	40841	191381	453647	1961529	20.0 10000	100	400	1000	4000
Methyl acetate	FB	Ave	1600 626668	6580	26032	58901	230037	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	7949 3471644	35680	138877	337097	1432331	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	9380 5650062	47665	174044	428063	1947680	20.0 10000	100	400	1000	4000
Acrylonitrile	FB	Ave	73482 585701	162474	224698	299971	417323	50.0 300	100	150	200	250
trans-1,2-Dichloroethene	FB	Ave	7459 3862755	35231	139703	367257	1587330	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	15810 9034509	77773	311430	793605	3453422	1.00 500	5.00	20.0	50.0	200
Hexane	FB	LinF	4390 3074076	19666	90088	288703	1197788	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	11555 6079191	58075	218082	570680	2453584	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	12742 7621843	56877	224890	602652	2981233	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	14145 9980853	85186	334419	875218	3865181	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	15109 10473640	86925	352868	930662	4067878	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	10190 6408717	52490	213650	586239	2568229	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	8113 4316046	40644	165350	413515	1776029	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	6330 665416	10689	13060	29323	133131	10.0 1000	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	1108 567563	4989	18325	45008	205970	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	3972 1852028	18589	75365	179800	767286	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	12306 6551000	61823	244160	621010	2659261	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	10687 6521750	53689	219277	593973	2612417	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	LinF	9179 6499306	42364	185972	592881	2548618	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon tetrachloride	FB	Ave	8262 5665179	42842	174710	504327	2249756	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	9989 5827070	48346	183433	528038	2307636	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	28590 15428185	145445	559222	1456045	6248177	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	8189 4159277	39664	156399	389876	1654052	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	18668 11802868	89126	359739	938657	4273661	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	13534 9598236	74986	315539	830997	3679272	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	2987 1908272	15171	53520	177289	808590	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	QuaF	21878 266312	59476	84074	127996	189686	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	7900 4322952	38135	148565	393717	1711164	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	LinF	4734 3355058	22229	99563	255701	1339996	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	LinF	9741 8135616	51635	232865	742735	3232607	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5930 3572551	32013	123767	317589	1404670	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	3516 1909138	18052	71369	174755	756994	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	3436 21355	7385	8692	13226	20859	50.0 300	100	150	200	250
Methyl methacrylate	FB	Ave	3282 1960294	14525	59024	154519	705846	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	9413 6604619	49136	193607	509145	2340534	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	7395 4752051	40289	165136	423978	1886820	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	QuaF	759 674059	3755	15520	44518	214791	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	6896 5184236	36209	149380	398433	1829192	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	FB	Ave	8730 5783472	48701	199669	507132	2286402	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	FB	Ave	29872 4311718	52185	61571	162209	749087	10.0 1000	15.0	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene	CBZ	Ave	35654 16927324	171458	633625	1642666	6975020	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	7549 5020985	38913	164964	429370	1950231	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3900 2247582	20783	81168	201148	871147	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	9578 4840550	42898	169292	467448	1981051	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	8603 4819042	44289	172746	427398	1866784	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	19369 2994401	35199	39401	106599	508681	10.0 1000	15.0	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	5087 3564829	26384	111928	295678	1366744	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	10007 7107257	47561	202243	532781	2517868	2.00 1000	10.0	40.0	100	400
1,2-Dibromoethane	CBZ	Ave	4642 2806960	26815	99941	250119	1098066	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	20387 11306084	105090	408707	1052524	4522983	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	5903 4017426	30396	132978	347642	1574019	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	10135 6462965	54463	217243	582688	2532595	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	25444 15687561	137293	553365	1468970	6426595	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	12557 7746258	64529	269065	705788	3065162	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	18740 12989554	104452	432031	1135305	5154134	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	DCB	LinF	5604 5548257	33173	153714	413146	2010160	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	LinF	2325 2299006	15770	64283	169418	849438	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	29524 19200888	156177	624033	1745946	7840048	1.00 500	5.00	20.0	50.0	200
Camphene, Total	DCB	LinF	2590 1659376	10408	41211	138269	632641	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	9223 4824030	44136	173346	440937	1936549	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	LinF	3335 3456205	27727	111365	283733	1311079	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,3-Trichloropropane	DCB	Ave	1947 1083875	8892	36353	88389	411186	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	FB	Ave	1595 992567	6905	28041	76497	372034	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	36673 22657456	195918	786992	2248087	10245932	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	22961 14245316	118723	471729	1251308	5619500	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	26770 14817071	119520	488119	1300345	5965171	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	26625 17875539	142409	583797	1596152	7334806	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	5637 5614522	31975	143304	438898	2173864	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	23502 16212771	129917	521459	1452055	6686358	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	26427 17884172	148604	600861	1631178	7546409	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	35286 21225351	187902	762670	2214749	10239320	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	18961 9686800	89662	347791	902057	4041287	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	18580 9044859	87211	338496	894907	3991671	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	31032 17818698	162162	660981	1922328	8790387	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	LinF	7687 7789773	38954	200012	591498	3004489	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	16826 8551098	81510	313102	814730	3603632	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	26443 16019592	140338	593964	1746767	7953443	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1030 637125	5805	18840	50972	235277	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	2588 1886914	13934	47726	150264	698955	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	14407 6483499	64218	258649	696797	2907437	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	7193 3739764	34383	132412	408378	1726989	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	27016 11469444	117209	442717	1191705	5139870	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,3-Trichlorobenzene	DCB	Ave	13395 5812690	59457	225870	614619	2554938	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	222244 237782	238559	224010	227021	246277	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	945167 1051037	998276	949843	993892	1059368	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	314391 366798	339666	317099	333952	373472	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66327/2	p44659.d
Level 2	IC 460-66327/3	p44661.d
Level 3	ICIS 460-66327/4	p44662.d
Level 4	IC 460-66327/5	p44663.d
Level 5	IC 460-66327/6	p44664.d
Level 6	IC 460-66327/7	p44665.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1707 0.1992	0.2185	0.2196	0.2179	0.2286	Ave		0.2091				10.1		15.0			
Chloromethane	0.3343 0.2883	0.3118	0.2954	0.3034	0.3250	Ave		0.3097			0.1000	5.7		15.0			
Vinyl chloride	0.2316 0.2766	0.2882	0.2918	0.2832	0.3057	Ave		0.2795				9.1		30.0			
Bromomethane	0.1782 0.1960	0.1779	0.1680	0.1645	0.1965	Ave		0.1802				7.5		15.0			
Chloroethane	0.2054 0.1862	0.2075	0.2027	0.1995	0.2133	Ave		0.2024				4.6		15.0			
n-Pentane	0.0517 0.0402	0.0448	0.0445	0.0452	0.0457	Ave		0.0453				8.1		15.0			
Trichlorofluoromethane	0.3754 0.4345	0.4603	0.4730	0.4979	0.5318	Ave		0.4621				11.7		15.0			
Isopropene	0.2815 0.3170	0.3040	0.3006	0.3291	0.3485	Ave		0.3134				7.5		15.0			
Ethyl ether	0.2075 0.1847	0.1938	0.1902	0.1905	0.2063	Ave		0.1955				4.8		15.0			
1,1-Dichloroethene	0.1397 0.1648	0.1707	0.1434	0.1595	0.1842	Ave		0.1604				10.5		30.0			
Carbon disulfide	0.6167 0.7230	0.6472	0.6066	0.6754	0.6986	Ave		0.6613				7.0		15.0			
Ethanol	0.0012 0.0015	0.0013	0.0012	0.0012	0.0015	Ave		0.0013				10.8		15.0			
Freon TF	0.1857 0.2006	0.1976	0.1817	0.1982	0.2120	Ave		0.1960				5.6		15.0			
Acrolein	0.0672 0.0289	0.0348	0.0305	0.0282	0.0326	LinF		0.0297							0.9951		0.9900
Isopropanol	0.0149 0.0151	0.0161	0.0148	0.0147	0.0163	Ave		0.0153				4.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methylene Chloride	0.2497 0.2172	0.2532	0.2159	0.2287	0.2423	Ave		0.2345				6.9		15.0			
Acetone	0.0285 0.0184	0.0279	0.0227	0.0212	0.0205	LinF		0.0187							0.9970		0.9900
trans-1,2-Dichloroethene	0.1652 0.2073	0.2085	0.1904	0.2047	0.2264	Ave		0.2004				10.3		15.0			
Methyl acetate	0.0562 0.0507	0.0528	0.0504	0.0464	0.0540	Ave		0.0518				6.6		15.0			
Hexane	0.1471 0.1714	0.1761	0.1708	0.1812	0.1912	Ave		0.1730				8.5		15.0			
MTBE	0.5863 0.6610	0.6212	0.6242	0.6613	0.7112	Ave		0.6442				6.7		15.0			
TBA	0.0213 0.0228	0.0209	0.0211	0.0221	0.0242	Ave		0.0221				5.8		15.0			
Acetonitrile	0.0054 0.0051	0.0051	0.0051	0.0049	0.0056	Ave		0.0052				4.8		15.0			
DIPE	0.8188 0.8119	0.8158	0.7756	0.8184	0.8854	Ave		0.8210				4.3		15.0			
1,1-Dichloroethane	0.3890 0.4108	0.4305	0.3897	0.4176	0.4504	Ave		0.4147			0.1000	5.7		15.0			
Acrylonitrile	0.1607 0.0786	0.0960	0.0825	0.0835	0.0870	LinF		0.0806							0.9965		0.9900
Tert-butyl ethyl ether	0.6670 0.7562	0.6953	0.6994	0.7404	0.8069	Ave		0.7275				6.9		15.0			
Vinyl acetate	0.3763 0.3508	0.3585	0.3362	0.3503	0.3699	Ave		0.3570				4.1		15.0			
cis-1,2-Dichloroethene	0.2610 0.2336	0.2625	0.2293	0.2299	0.2619	Ave		0.2464				6.9		15.0			
2,2-Dichloropropane	0.3467 0.3230	0.3450	0.3237	0.3388	0.3610	Ave		0.3397				4.3		15.0			
Cyclohexane	0.3254 0.3990	0.3993	0.3739	0.4085	0.4257	Ave		0.3886				9.1		15.0			
Bromochloromethane	0.1078 0.1087	0.1131	0.1067	0.1092	0.1231	Ave		0.1114				5.5		15.0			
Chloroform	0.4094 0.3918	0.3941	0.3725	0.3913	0.4306	Ave		0.3983				4.9		30.0			
Carbon tetrachloride	0.2353 0.2886	0.2928	0.2531	0.2922	0.3207	Ave		0.2805				11.0		15.0			
Ethyl acetate	0.0204 0.0229	0.0240	0.0235	0.0218	0.0242	Ave		0.0228				6.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tetrahydrofuran	0.1030 0.0875	0.0983	0.0904	0.0899	0.0946	Ave		0.0939				6.2		15.0			
1,1,1-Trichloroethane	0.3416 0.3444	0.3494	0.3267	0.3447	0.3771	Ave		0.3473				4.8		15.0			
1,1-Dichloropropene	0.2610 0.3182	0.3241	0.3012	0.3306	0.3499	Ave		0.3141				9.7		15.0			
2-Butanone	0.1065 0.1002	0.1152	0.1032	0.1029	0.1112	Ave		0.1065				5.3		15.0			
n-Heptane	0.1051 0.1146	0.1240	0.1095	0.1192	0.1260	Ave		0.1164				7.0		15.0			
Benzene	1.1024 1.2049	1.2216	1.1567	1.2288	1.3047	Ave		1.2032				5.7		15.0			
Tert-amyl methyl ether	0.5448 0.6398	0.5752	0.5745	0.5994	0.6775	Ave		0.6019				8.1		15.0			
1,2-Dichloroethane	0.2892 0.2979	0.3402	0.2786	0.3032	0.3304	Ave		0.3066				7.8		15.0			
Isopropyl acetate	0.3444 0.4242	0.3781	0.3941	0.4108	0.4538	Ave		0.4009				9.5		15.0			
Methylcyclohexane	0.2577 0.3392	0.3215	0.2930	0.3371	0.3656	Ave		0.3190				12.0		15.0			
Trichloroethene	0.2553 0.2216	0.2193	0.2043	0.2212	0.2414	Ave		0.2272				8.0		15.0			
Dibromomethane	0.1296 0.1298	0.1387	0.1228	0.1284	0.1408	Ave		0.1317				5.2		15.0			
n-Butanol	0.0048 0.0071	0.0058	0.0057	0.0059	0.0069	Ave		0.0060				14.0		15.0			
1,2-Dichloropropane	0.2337 0.2534	0.2466	0.2383	0.2509	0.2770	Ave		0.2500				6.1		30.0			
Bromodichloromethane	0.2898 0.3053	0.3001	0.2777	0.2958	0.3302	Ave		0.2998				5.9		15.0			
Ethyl acrylate	0.2569 0.2776	0.2649	0.2464	0.2572	0.2940	Ave		0.2662				6.4		15.0			
Methyl methacrylate	0.0439 0.0497	0.0498	0.0454	0.0475	0.0531	Ave		0.0482				6.9		15.0			
1,4-Dioxane	0.0020 0.0026	0.0026	0.0026	0.0027	0.0031	Ave		0.0026				12.9		15.0			
Propyl acetate	0.2411 0.3122	0.2730	0.2875	0.3039	0.3397	Ave		0.2929				11.6		15.0			
2-Chloroethyl vinyl ether	0.1133 0.1490	0.1211	0.1318	0.1385	0.1585	Ave		0.1354				12.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,3-Dichloropropene	0.4123 0.5361	0.4917	0.4975	0.5274	0.5803	Ave		0.5076				11.1		15.0			
Toluene	1.4363 1.3273	1.4733	1.2992	1.3630	1.4370	Ave		1.3893				5.0		30.0			
Epichlorohydrin	0.0266 0.0294	0.0265	0.0281	0.0297	0.0323	Ave		0.0288				7.6		15.0			
Tetrachloroethene	0.2850 0.3153	0.3288	0.2996	0.3231	0.3480	Ave		0.3167				7.0		15.0			
4-Methyl-2-pentanone	0.2276 0.2759	0.2742	0.2608	0.2764	0.3013	Ave		0.2694				9.0		15.0			
trans-1,3-Dichloropropene	0.3532 0.4995	0.4468	0.4387	0.4887	0.5418	Ave		0.4614				14.1		15.0			
1,1,2-Trichloroethane	0.1927 0.2213	0.2384	0.2092	0.2224	0.2397	Ave		0.2206				8.1		15.0			
Dibromochloromethane	0.2757 0.3097	0.2935	0.2753	0.2981	0.3393	Ave		0.2986				8.0		15.0			
1,3-Dichloropropane	0.4353 0.4817	0.4862	0.4714	0.4920	0.5243	Ave		0.4818				6.0		15.0			
1,2-Dibromoethane	0.2457 0.2541	0.2500	0.2362	0.2542	0.2794	Ave		0.2533				5.7		15.0			
Butyl acetate	0.0745 0.0740	0.0687	0.0662	0.0720	0.0794	Ave		0.0725				6.5		15.0			
2-Hexanone	0.0153 0.0182	0.0202	0.0185	0.0184	0.0194	Ave		0.0183				9.1		15.0			
Chlorobenzene	0.8525 0.8654	0.8929	0.8128	0.8667	0.9328	Ave		0.8705			0.3000	4.6		15.0			
Ethylbenzene	0.3849 0.4838	0.4693	0.4291	0.4712	0.5143	Ave		0.4588				9.9		30.0			
1,1,1,2-Tetrachloroethane	0.2892 0.3203	0.2965	0.2739	0.3011	0.3376	Ave		0.3031				7.5		15.0			
m&p-Xylene	0.5370 0.6388	0.5616	0.5370	0.5865	0.6619	Ave		0.5871				9.0		15.0			
o-Xylene	0.4301 0.5863	0.5682	0.5175	0.5653	0.6304	Ave		0.5496				12.6		15.0			
Bromoform	0.1641 0.2239	0.1921	0.1896	0.2020	0.2368	Ave		0.2014			0.1000	12.9		15.0			
Styrene	0.6631 1.0486	0.8863	0.8969	0.9796	1.0952	LinF		1.0545							0.9995		0.9900
Butyl acrylate	0.1288 0.2342	0.1827	0.2085	0.2178	0.2490	LinF		0.2362							0.9992		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	0.9946 1.3817	1.3312	1.2557	1.3696	1.5023	Ave		1.3059				13.2		15.0			
Camphene, Total	0.2735 0.3383	0.3088	0.3191	0.3469	0.3687	Ave		0.3259				10.2		15.0			
Monobromobenzene	0.6745 0.6791	0.6471	0.6206	0.6677	0.7359	Ave		0.6708				5.7		15.0			
N-Propylbenzene	2.4036 3.1409	2.8835	2.8344	3.0594	3.3863	Ave		2.9513				11.3		15.0			
1,1,2,2-Tetrachloroethane	0.5384 0.6451	0.6250	0.5647	0.6110	0.6769	Ave		0.6102			0.3000	8.4		15.0			
2-Chlorotoluene	1.7758 1.9424	1.7633	1.6770	1.8250	2.0570	Ave		1.8401				7.5		15.0			
1,2,3-Trichloropropane	0.1762 0.1645	0.1760	0.1589	0.1689	0.1797	Ave		0.1707				4.7		15.0			
1,3,5-Trimethylbenzene	1.6991 2.2362	1.9389	1.9477	2.1240	2.3737	Ave		2.0533				11.7		15.0			
trans-1,4-Dichloro-2-butene	0.2239 0.2107	0.1933	0.1858	0.2056	0.2295	Ave		0.2081				8.1		15.0			
4-Chlorotoluene	1.6819 2.0331	1.8315	1.8319	1.9828	2.1908	Ave		1.9253				9.4		15.0			
tert-Butylbenzene	1.2522 1.7957	1.5937	1.5846	1.7291	1.9516	Ave		1.6512				14.4		15.0			
1,2,4-Trimethylbenzene	1.7110 2.5077	2.0732	2.0571	2.2428	2.5656	Ave		2.1929				14.5		15.0			
Butyl Methacrylate	0.5133 0.8882	0.5691	0.6657	0.7309	0.8735	LinF		0.8849							0.9994		0.9900
sec-Butylbenzene	1.8371 2.5177	2.4067	2.3313	2.5709	2.7986	Ave		2.4104				13.4		15.0			
1,3-Dichlorobenzene	1.0989 1.4691	1.2633	1.1917	1.2714	1.4901	Ave		1.2974				11.9		15.0			
p-Isopropyltoluene	1.5298 2.4825	2.0041	1.9851	2.1921	2.5309	LinF		2.4865							0.9997		0.9900
1,4-Dichlorobenzene	1.3309 1.3336	1.3577	1.2597	1.3096	1.4396	Ave		1.3385				4.4		15.0			
2-Octanol	0.0737 0.1898	0.1174	0.1318	0.1394	0.1862	LinF		0.1889							0.9988		0.9900
2-Octanone	0.5629 0.7976	0.6270	0.7630	0.8147	0.8915	LinF		0.8118							0.9976		0.9900
Benzyl chloride	0.8855 1.2302	1.0880	1.1734	1.2445	1.3469	Ave		1.1614				13.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	1.6707 1.9068	1.9732	1.9301	2.0511	2.2021	Ave		1.9557				9.0		15.0			
1,2-Dichlorobenzene	1.2470 1.2227	1.1718	1.1459	1.2330	1.3375	Ave		1.2263				5.4		15.0			
1,2-Dibromo-3-Chloropropane	0.0758 0.1140	0.1100	0.1066	0.1121	0.1273	LinF		0.1160							0.9976		0.9900
Hexachlorobutadiene	0.2678 0.3347	0.3334	0.2970	0.3388	0.3755	Ave		0.3245				11.5		15.0			
1,2,4-Trichlorobenzene	0.7453 0.8950	0.8027	0.7409	0.8218	0.9362	Ave		0.8236				9.6		15.0			
Camphor	0.0430 0.0568	0.0426	0.0476	0.0525	0.0621	LinF		0.0576							0.9983		0.9900
Naphthalene	1.5379 1.8422	1.6479	1.6924	1.8508	2.0120	Ave		1.7639				9.7		15.0			
1,2,3-Trichlorobenzene	0.7174 0.6842	0.6780	0.6329	0.6974	0.7549	Ave		0.6941				5.9		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2592 0.2603	0.2812	0.2608	0.2489	0.2726	Ave		0.2638				4.3		15.0			
Toluene-d8 (Surr)	1.1066 1.0624	1.2306	1.1409	1.1043	1.1517	Ave		1.1328				5.1		15.0			
Bromofluorobenzene	0.7002 0.6645	0.7386	0.7016	0.6852	0.7403	Ave		0.7051				4.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66327/2	p44659.d
Level 2	IC 460-66327/3	p44661.d
Level 3	ICIS 460-66327/4	p44662.d
Level 4	IC 460-66327/5	p44663.d
Level 5	IC 460-66327/6	p44664.d
Level 6	IC 460-66327/7	p44665.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	1741 1210138	9996	45063	114872	467871	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	3409 1751308	14263	60621	159906	665108	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	2362 1680027	13180	59881	149274	625677	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	1817 1190215	8136	34472	86710	402243	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2094 1130679	9489	41608	105140	436495	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	527 244011	2049	9133	23850	93438	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	3828 2638819	21055	97085	262419	1088280	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	2870 1925158	13903	61700	173473	713317	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	2116 1121981	8865	39042	100405	422237	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	1424 1000713	7808	29424	84080	377046	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	6288 4391429	29603	124503	355995	1429668	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	12196 110992	23696	37467	51055	75039	1000 6000	2000	3000	4000	5000
Freon TF	FB	Ave	1894 1218291	9040	37294	104491	433826	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	LinF	2742 140407	6370	12507	29699	66692	4.00 400	20.0	40.0	100	200
Isopropanol	FB	Ave	151657 1101960	294001	456694	619548	833942	1000 6000	2000	3000	4000	5000
Methylene Chloride	FB	Ave	2546 1318979	11582	44317	120565	495846	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetone	FB	LinF	2904 111619	3828	4657	11193	41854	10.0 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	1684 1259094	9538	39083	107892	463239	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	573 307786	2417	10348	24461	110522	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	1500 1040725	8053	35058	95510	391397	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	5978 4014906	28415	128115	348544	1455522	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	4340 2769107	19095	86765	233024	992362	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	1095 620025	4641	20935	51353	227847	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	8349 4931320	37315	159176	431378	1812092	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	3966 2494805	19691	79974	220132	921843	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	LinF	3278 190835	8782	16925	43990	89010	2.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	Ave	6801 4592707	31804	143549	390247	1651419	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	3837 2130762	16398	69004	184628	757069	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	2661 1418647	12006	47068	121177	536048	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	3535 1961571	15780	66441	178581	738737	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	3318 2423543	18266	76740	215322	871140	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	1099 660245	5172	21903	57577	251955	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	4174 2379717	18026	76449	206261	881211	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2399 1752985	13393	51953	154037	656280	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	416 278221	2198	9634	23028	99223	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	Ave	1050 531330	4494	18562	47359	193695	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	3483 2091854	15983	67062	181708	771854	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1-Dichloropropene	FB	Ave	2661 1932679	14822	61811	174237	716165	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	10861 608597	15803	21171	54245	227547	10.0 500	15.0	20.0	50.0	200
n-Heptane	FB	Ave	1072 696053	5673	22480	62825	257864	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	8157 5517720	40325	169685	466497	1991622	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	5555 3886044	26310	117920	315933	1386595	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	2949 1809583	15560	57182	159808	676127	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	7023 5152608	34591	161777	433011	1857491	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	2628 2060166	14707	60134	177679	748127	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	2603 1346174	10029	41936	116591	494056	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1321 788240	6344	25206	67657	288223	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	24698 259078	52748	87493	123821	176876	500 3000	1000	1500	2000	2500
1,2-Dichloropropane	FB	Ave	2383 1539322	11278	48905	132233	566803	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	2955 1854581	13728	57000	155932	675736	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	2619 1686313	12117	50574	135576	601657	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	448 301576	2279	9313	25013	108631	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	1029 9374	2421	3971	5701	7820	50.0 300	100	150	200	250
Propyl acetate	FB	Ave	4917 3791910	24970	118016	320346	1390328	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1155 905206	5540	27060	72982	324438	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	3051 2455339	16231	72983	200222	885852	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	10627 6078376	48636	190597	517438	2193701	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	3932 2696910	17481	82482	225238	984725	20.0 10000	100	400	1000	4000

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	2109 1444163	10855	43958	122650	531213	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	16844 1263565	27155	38264	104940	459960	10.0 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	2613 2287360	14748	64361	185515	827140	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	1426 1013461	7870	30683	84424	365902	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	2040 1418455	9689	40385	113159	517967	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	3221 2206016	16050	69153	186765	800424	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	1818 1163551	8253	34657	96508	426526	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	1103 677880	4534	19414	54703	242489	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	1131 83525	1996	2718	6969	29606	10.0 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	6308 3962956	29477	119234	329012	1423969	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	2848 2215639	15492	62943	178893	785039	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2140 1466973	9787	40178	114307	515324	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	7946 5850903	37080	157563	445326	2020782	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	3182 2685080	18756	75923	214619	962350	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1214 1025324	6341	27821	76678	361442	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	LinF	4906 4802243	29258	131576	371873	1671840	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	LinF	953 1072614	6030	30590	82685	380038	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	7359 6327803	43945	184221	519952	2293251	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	2024 1549329	10195	46810	131706	562907	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	2829 1823548	12834	53645	149913	660892	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	10081 8434061	57185	244998	686888	3041271	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2,2-Tetrachloroethane	DCB	Ave	2258 1732332	12395	48809	137180	607910	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	7448 5215673	34969	144953	409758	1847445	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	739 441603	3490	13731	37926	161399	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	7126 6004752	38453	168353	476869	2131845	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	939 565767	3833	16062	46168	206153	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	7054 5459249	36322	158339	445181	1967643	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	5252 4821875	31606	136970	388211	1752743	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	7176 6733850	41115	177810	503552	2304223	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	2153 2385058	11286	57543	164096	784487	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	7705 6760528	47730	201509	577218	2513467	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	4609 3944964	25053	103006	285460	1338267	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	LinF	6416 6666103	39746	171581	492171	2273008	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	5582 3580902	26926	108882	294024	1292914	1.00 500	5.00	20.0	50.0	200
2-Octanol	DCB	LinF	309 509619	2328	11388	31295	167194	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	LinF	2361 2141827	12435	65951	182925	800666	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	3714 3303266	21578	101422	279410	1209637	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	7007 5120095	39133	166827	460518	1977783	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	5230 3283359	23240	99045	276842	1201217	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	LinF	318 306076	2182	9210	25176	114319	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	1123 898772	6611	25673	76059	337256	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	3126 2403191	15920	64042	184501	840779	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Camphor	DCB	LinF	902 762718	4225	20584	58936	279049	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	Ave	6450 4946747	32681	146287	415542	1806987	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3009 1837297	13446	54702	156573	677995	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	132134 158124	128633	133822	131178	139451	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	409404 486524	406230	418437	419233	439545	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	146842 178437	146489	151619	153843	166211	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD
LinF = Linear ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-63928/7	j97511.d
Level 2	IC 460-63928/6	j97508.d
Level 3	ICIS 460-63928/2	j97500.d
Level 4	IC 460-63928/3	j97501.d
Level 5	IC 460-63928/4	j97502.d
Level 6	IC 460-63928/5	j97503.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.5203 0.6266	0.5090	0.5322	0.5100	0.4999	Ave		0.5330				8.9		15.0			
Chloromethane	0.2272 0.3189	0.2662	0.2445	0.2387	0.2418	Ave		0.2562			0.1000	13.0		15.0			
Vinyl chloride	0.2966 0.3771	0.3232	0.2997	0.2920	0.2938	Ave		0.3137				10.5		30.0			
Bromomethane	0.2033 0.2719	0.2325	0.2025	0.2118	0.2112	Ave		0.2222				12.0		15.0			
Chloroethane	0.1582 0.1783	0.1353	0.1389	0.1325	0.1366	Ave		0.1467				12.3		15.0			
Trichlorofluoromethane	0.5209 +++++	0.6609	0.6686	0.6633	0.6612	Ave		0.6350				10.1		15.0			
n-Pentane	0.0421 0.0459	0.0493	0.0368	0.0356	0.0345	Ave		0.0407				14.8		15.0			
Ethanol	0.0009 +++++	0.0009	0.0010	0.0010	0.0010	Ave		0.0010				5.2		15.0			
Ethyl ether	0.2268 0.2461	0.2515	0.2156	0.2191	0.1971	Ave		0.2260				8.9		15.0			
Isopropene	0.2407 0.3410	0.3057	0.2686	0.2844	0.2686	Ave		0.2848				12.2		15.0			
Acrolein	0.0273 0.0305	0.0256	0.0269	0.0237	0.0242	Ave		0.0264				9.5		15.0			
Freon TF	0.4399 +++++	0.6117	0.5644	0.6056	0.5621	Ave		0.5567				12.4		15.0			
1,1-Dichloroethene	0.2853 0.3655	0.3220	0.3062	0.3058	0.2871	Ave		0.3120				9.5		30.0			
Acetone	0.0311 0.0220	0.0305	0.0277	0.0199	0.0191	LinF		0.0217							0.9962		0.9900
Isopropanol	0.0150 0.0170	0.0140	0.0149	0.0140	0.0135	Ave		0.0147				8.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.8621 0.9842	0.8558	0.8456	0.8468	0.7954	Ave		0.8650				7.3		15.0			
Carbon disulfide	0.9009 1.1359	0.9496	0.9095	0.9465	0.8964	Ave		0.9565				9.5		15.0			
Acetonitrile	0.0032 0.0039	0.0027	0.0027	0.0030	0.0031	QuaF		351.59	-123.8						1.0000		0.9900
Methyl acetate	0.1051 0.0738	0.0699	0.0712	0.0684	0.0604	LinF		0.0722							0.9938		0.9900
Methylene Chloride	0.4790 0.4147	0.3931	0.3517	0.3502	0.3245	Ave		0.3855				14.6		15.0			
TBA	0.0355 0.0311	0.0290	0.0290	0.0284	0.0254	Ave		0.0297				11.3		15.0			
Acrylonitrile	0.0604 0.0868	0.0690	0.0826	0.0650	0.0681	Ave		0.0720				14.4		15.0			
MTBE	1.1821 1.0184	0.9862	0.9372	0.9241	0.8331	Ave		0.9802				12.0		15.0			
trans-1,2-Dichloroethene	0.3718 0.4084	0.3590	0.3563	0.3555	0.3259	Ave		0.3628				7.4		15.0			
Hexane	0.1422 0.1872	0.1575	0.1592	0.1689	0.1521	Ave		0.1612				9.6		15.0			
1,1-Dichloroethane	0.7175 0.7665	0.7198	0.7299	0.6979	0.6252	Ave		0.7095			0.1000	6.6		15.0			
Vinyl acetate	1.3053 1.1276	1.2801	1.1968	1.1100	0.9538	Ave		1.1623				11.1		15.0			
DIPE	2.0431 1.6426	1.7078	1.5822	1.5233	1.3588	Ave		1.6430				14.0		15.0			
Tert-butyl ethyl ether	1.5882 1.5214	1.3881	1.3640	1.3234	1.2013	Ave		1.3977				10.0		15.0			
cis-1,2-Dichloroethene	0.4889 0.4279	0.4226	0.3901	0.3867	0.3571	Ave		0.4122				11.1		15.0			
2-Butanone	0.0299 0.0331	0.0329	0.0348	0.0327	0.0287	Ave		0.0320				7.1		15.0			
2,2-Dichloropropane	0.5735 0.6118	0.5444	0.5921	0.5581	0.5122	Ave		0.5654				6.3		15.0			
Ethyl acetate	0.0750 0.0376	0.0319	0.0357	0.0366	0.0324	LinF		0.0370							0.9965		0.9900
Bromochloromethane	0.3238 0.2899	0.2710	0.2657	0.2547	0.2303	Ave		0.2726				11.7		15.0			
Tetrahydrofuran	0.1074 0.0927	0.0996	0.0956	0.0887	0.0769	Ave		0.0935				11.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chloroform	0.9153 0.8184	0.7745	0.7275	0.7305	0.6586	Ave		0.7708				11.5		30.0			
1,1,1-Trichloroethane	0.5440 0.7708	0.6546	0.6336	0.6411	0.6010	Ave		0.6408				11.7		15.0			
Cyclohexane	0.3682 0.5532	0.5124	0.4929	0.4926	0.4606	Ave		0.4800				13.0		15.0			
1,1-Dichloropropene	0.5121 0.5711	0.5668	0.5663	0.5797	0.4913	Ave		0.5479				6.7		15.0			
Carbon tetrachloride	0.3876 0.6795	0.5757	0.5863	0.6076	0.5427	LinF		0.6634							0.9922		0.9900
Benzene	1.5832 1.4977	1.3972	1.4668	1.4287	1.2853	Ave		1.4432				7.0		15.0			
Isopropyl acetate	1.2856 1.0238	1.0916	1.0213	0.9972	0.8626	Ave		1.0470				13.3		15.0			
1,2-Dichloroethane	0.5186 0.4547	0.4644	0.4525	0.4367	0.3773	Ave		0.4507				10.1		15.0			
Tert-amyl methyl ether	1.3344 1.1538	1.2496	1.1885	1.1554	1.0172	Ave		1.1832				9.0		15.0			
n-Butanol	0.0049 0.0049	0.0042	0.0050	0.0048	0.0055	Ave		0.0049				8.8		15.0			
2,4,4-Trimethyl-1-pentene	0.0627 0.1109	0.1163	0.0998	0.0963	0.0775	QuaF		13.771	-4.280						0.9988		0.9900
Trichloroethene	0.5053 0.4635	0.4271	0.4054	0.4144	0.3817	Ave		0.4329				10.3		15.0			
Ethyl acrylate	0.5582 0.5385	0.5252	0.5052	0.4771	0.4492	Ave		0.5089				7.9		15.0			
Methylcyclohexane	0.2763 0.4104	0.3703	0.3656	0.3715	0.3494	Ave		0.3572				12.4		15.0			
1,2-Dichloropropane	0.4855 0.4569	0.4951	0.4588	0.4395	0.3883	Ave		0.4540				8.4		30.0			
Methyl methacrylate	0.1790 0.1054	0.1160	0.1029	0.0995	0.0896	LinF		0.1035							0.9958		0.9900
Propyl acetate	0.7430 0.6151	0.6610	0.6054	0.5861	0.5137	Ave		0.6207				12.4		15.0			
Dibromomethane	0.4636 0.3871	0.3936	0.3766	0.3556	0.3175	Ave		0.3823				12.7		15.0			
1,4-Dioxane	0.0035 +++++	0.0032	0.0038	0.0030	0.0037	Ave		0.0034				10.1		15.0			
Bromodichloromethane	0.9016 0.8065	0.7733	0.7612	0.7546	0.6682	Ave		0.7776				9.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloroethyl vinyl ether	0.3308 0.2948	0.2761	0.2615	0.2544	0.2256	Ave		0.2739				13.2		15.0			
Epichlorohydrin	0.0555 0.0547	0.0492	0.0549	0.0527	0.0474	Ave		0.0524				6.4		15.0			
cis-1,3-Dichloropropene	1.1456 0.9426	0.9107	0.9590	0.9176	0.8238	Ave		0.9499				11.2		15.0			
4-Methyl-2-pentanone	0.5688 0.6142	0.5030	0.5548	0.5288	0.4994	Ave		0.5448				8.0		15.0			
Toluene	1.8115 1.6333	1.5174	1.5223	1.4600	1.3569	Ave		1.5502				10.1		30.0			
trans-1,3-Dichloropropene	0.9421 0.8790	0.7697	0.8373	0.7920	0.7295	Ave		0.8249				9.4		15.0			
1,1,2-Trichloroethane	0.4927 0.4856	0.4345	0.4374	0.4217	0.3881	Ave		0.4433				8.9		15.0			
Tetrachloroethene	0.4505 0.6971	0.5634	0.6310	0.6031	0.5917	Ave		0.5895				13.9		15.0			
1,3-Dichloropropane	1.0449 0.8425	0.8869	0.8962	0.8272	0.7279	Ave		0.8709				12.0		15.0			
2-Hexanone	0.3464 0.3476	0.3087	0.3072	0.3119	0.2861	Ave		0.3180				7.6		15.0			
Butyl acetate	0.2108 0.1730	0.1493	0.1619	0.1556	0.1442	Ave		0.1658				14.6		15.0			
Dibromochloromethane	0.9002 0.9992	0.8325	0.9129	0.8758	0.8083	Ave		0.8881				7.6		15.0			
1,2-Dibromoethane	0.8646 0.7909	0.7418	0.7498	0.7293	0.6603	Ave		0.7561				9.0		15.0			
Chlorobenzene	1.2366 1.2224	1.0626	1.1519	1.1224	1.0180	Ave		1.1356			0.3000	7.6		15.0			
1,1,1,2-Tetrachloroethane	0.7192 0.6704	0.5921	0.6549	0.6405	0.5637	Ave		0.6401				8.7		15.0			
Ethylbenzene	0.4744 0.4952	0.4695	0.5029	0.4749	0.4326	Ave		0.4749				5.2		30.0			
m&p-Xylene	0.6747 0.6890	0.6242	0.6686	0.6650	0.6056	Ave		0.6545				4.9		15.0			
Butyl acrylate	0.5428 0.5863	0.4678	0.5177	0.4909	0.4590	Ave		0.5108				9.5		15.0			
o-Xylene	0.6415 0.7078	0.6307	0.6849	0.6393	0.6025	Ave		0.6511				5.9		15.0			
Styrene	1.1876 1.1814	1.0916	1.1830	1.0875	1.0119	Ave		1.1238				6.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromoform	0.5700 0.7301	0.5489	0.6359	0.5929	0.5595	Ave		0.6062			0.1000	11.2		15.0			
Isopropylbenzene	1.2574 1.7376	1.3713	1.5277	1.4795	1.4066	Ave		1.4633				11.2		15.0			
Camphene, Total	0.1374 0.1913	0.1352	0.1803	0.1694	0.1545	Ave		0.1613				14.2		15.0			
1,1,2,2-Tetrachloroethane	1.6374 1.2114	1.3922	1.4020	1.2502	1.1122	Ave		1.3342			0.3000	13.9		15.0			
trans-1,4-Dichloro-2-butene	0.4201 0.3028	0.4236	0.3935	0.3499	0.3117	Ave		0.3670				14.5		15.0			
Monobromobenzene	1.2048 0.9244	1.1002	1.0628	0.9874	0.8998	Ave		1.0299				11.2		15.0			
1,2,3-Trichloropropane	0.5330 0.2965	0.4109	0.3708	0.3340	0.2911	LinF		0.2963							0.9996		0.9900
N-Propylbenzene	2.5952 2.8712	3.1672	3.1527	3.1029	2.6055	Ave		2.9158				9.1		15.0			
2-Chlorotoluene	2.1494 1.6819	1.8479	1.8723	1.7728	1.5648	QuaF		0.6470	-0.003						0.9997		0.9900
1,3,5-Trimethylbenzene	1.9587 1.9997	2.0730	2.1582	2.0059	1.7858	Ave		1.9969				6.3		15.0			
Butyl Methacrylate	1.8320 1.3451	1.6234	1.5627	1.4807	1.2590	Ave		1.5172				13.5		15.0			
4-Chlorotoluene	2.8655 2.3174	2.5844	2.5673	2.5117	2.1090	Ave		2.4925				10.3		15.0			
tert-Butylbenzene	1.9323 2.4641	2.3052	2.3818	2.1510	2.0148	Ave		2.2082				9.5		15.0			
1,2,4-Trimethylbenzene	2.2694 2.3272	2.2847	2.3018	2.1207	1.9260	Ave		2.2050				7.0		15.0			
2-Octanone	1.9204 1.9614	1.7676	1.7702	1.7232	1.5288	Ave		1.7786				8.7		15.0			
sec-Butylbenzene	2.1731 3.1378	2.8543	3.0633	2.7627	2.6071	Ave		2.7664				12.6		15.0			
p-Isopropyltoluene	2.0996 2.4852	2.3751	2.4620	2.3275	2.1268	Ave		2.3127				7.1		15.0			
1,3-Dichlorobenzene	1.5496 1.4298	1.5053	1.4433	1.3259	1.2203	Ave		1.4124				8.6		15.0			
1,4-Dichlorobenzene	2.0624 1.9095	1.8054	1.7759	1.7250	1.5905	Ave		1.8115				8.9		15.0			
Benzyl chloride	1.8001 1.9545	1.7164	1.9918	1.9081	1.6407	Ave		1.8352				7.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	1.7917 2.3955	2.0530	2.2695	2.0423	1.9018	Ave		2.0756				10.8		15.0			
1,2-Dichlorobenzene	1.7415 1.7243	1.5759	1.5459	1.4653	1.3818	Ave		1.5725				9.0		15.0			
1,2-Dibromo-3-Chloropropane	0.3126 0.3660	0.2984	0.3245	0.2852	0.2910	Ave		0.3130				9.5		15.0			
Camphor	0.2207 0.1467	0.1292	0.1352	0.1223	0.1200	LinF		0.1435							0.9935		0.9900
1,2,4-Trichlorobenzene	0.8506 1.0820	0.7588	1.0840	0.9312	0.9800	Ave		0.9478				13.6		15.0			
Hexachlorobutadiene	0.8167 0.7354	0.7777	0.8688	0.6582	0.6742	Ave		0.7552				10.9		15.0			
Naphthalene	1.4796 1.8775	1.0913	1.6863	1.5834	1.7611	LinF		1.8600							0.9990		0.9900
1,2,3-Trichlorobenzene	0.7529 0.7500	0.5214	0.8085	0.7148	0.7146	Ave		0.7104				13.9		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3075 0.3416	0.3217	0.3359	0.3251	0.2702	Ave		0.3170				8.2		15.0			
Toluene-d8 (Surr)	1.0680 1.3854	1.0724	1.1968	1.1639	1.1281	Ave		1.1691				10.0		15.0			
Bromofluorobenzene	0.8833 1.1056	0.9401	0.9464	0.9114	0.9058	Ave		0.9488				8.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-63928/7	j97511.d
Level 2	IC 460-63928/6	j97508.d
Level 3	ICIS 460-63928/2	j97500.d
Level 4	IC 460-63928/3	j97501.d
Level 5	IC 460-63928/4	j97502.d
Level 6	IC 460-63928/5	j97503.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	10795 4614444	53264	198803	508303	1931982	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	4714 2348017	27859	91351	237878	934674	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6153 2777158	33816	111955	291041	1135637	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4218 2002043	24327	75665	211145	816283	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3283 1313212	14161	51892	132077	528123	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	10807 +++++	69154	249762	661144	2555322	1.00 +++++	5.00	20.0	50.0	200
n-Pentane	FB	Ave	874 337724	5154	13754	35501	133159	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	19185 +++++	37852	57167	76733	97328	1000 +++++	2000	3000	4000	5000
Ethyl ether	FB	Ave	4705 1812472	26318	80555	218335	761961	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	4994 2510710	31989	100352	283506	1038151	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	2263 179936	10721	20105	47209	93479	4.00 400	20.0	40.0	100	200
Freon TF	FB	Ave	9128 +++++	64007	210834	603582	2172505	1.00 +++++	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	5920 2691306	33700	114402	304761	1109439	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	6458 162245	9581	10360	19786	73952	10.0 500	15.0	20.0	50.0	200
Isopropanol	FB	Ave	312052 1500139	585408	834533	1113470	1304929	1000 6000	2000	3000	4000	5000
Iodomethane	FB	Ave	17886 7247372	89555	315899	843955	3074133	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	18692 8364756	99374	339766	943332	3464547	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	QuaF	1344 579495	5570	19865	59182	240805	20.0 10000	100	400	1000	4000
Methyl acetate	FB	LinF	2180 543463	7310	26606	68168	233491	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	9938 3053448	41137	131380	349081	1254027	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	14732 4574158	60747	216733	566242	1964845	20.0 10000	100	400	1000	4000
Acrylonitrile	FB	Ave	2505 255787	14448	30858	64766	131637	2.00 200	10.0	20.0	50.0	100
MTBE	FB	Ave	24527 7499334	103194	350138	921079	3220021	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	7714 3007158	37564	133119	354343	1259414	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	2951 1378423	16485	59478	168336	587790	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	14887 5644251	75325	272660	695572	2416380	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	27082 8303596	133954	447118	1106284	3686318	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	42391 12095443	178714	591075	1518293	5251714	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	32952 11203381	145258	509552	1318990	4642765	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	10144 3151097	44224	145739	385438	1380184	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	6213 243556	10332	13015	32597	110967	10.0 500	15.0	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	11898 4505325	56971	221213	556209	1979767	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	LinF	3113 554009	6670	26693	72896	250684	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	6719 2134961	28357	99254	253895	890093	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	2228 682972	10421	35698	88435	297376	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	18990 6026287	81048	271775	728091	2545606	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	11286 5676161	68496	236716	638976	2322813	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Ave	7640 4073501	53620	184122	490919	1780298	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	10626 4205675	59308	211576	577771	1898671	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	LinF	8042 5003407	60241	219018	605564	2097677	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	24204 7924854	113975	390948	1026595	3532670	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	53347 15077695	228460	763040	1987695	6667692	2.00 1000	10.0	40.0	100	400
1,2-Dichloroethane	FB	Ave	10760 3348550	48599	169048	435216	1458202	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	27687 8495970	130760	444005	1151551	3931541	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	50476 216531	87880	139014	191019	267980	500 3000	1000	1500	2000	2500
2,4,4-Trimethyl-1-pentene	FB	QuaF	1300 816674	12168	37283	95950	299712	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	10484 3412891	44697	151450	412995	1475282	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	11582 3965142	54963	188732	475469	1736123	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	5732 3022013	38750	136585	370263	1350242	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	10073 3364268	51808	171392	438051	1500812	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	LinF	3713 776314	12142	38438	99190	346205	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	30831 9058262	138346	452333	1168245	3970857	2.00 1000	10.0	40.0	100	400
Dibromomethane	FB	Ave	9618 2850772	41188	140672	354428	1227143	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	3661 +++++	6635	10512	11870	18073	50.0 +++++	100	150	200	250
Bromodichloromethane	FB	Ave	18707 5938773	80921	284367	752081	2582493	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	6864 2170468	28895	97673	253564	871942	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	16957 5786924	80343	292814	757147	2605320	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	17515 4987511	74286	255603	659324	2264413	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Methyl-2-pentanone	CBZ	Ave	86965 3249657	123085	147861	379940	1372589	10.0 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	27695 8641994	123783	405733	1049073	3729642	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	14403 4651009	62785	223159	569105	2005066	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	7532 2569568	35440	116588	302998	1066676	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	6887 3688511	45958	168181	433368	1626442	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	15975 4457764	72347	238862	594410	2000714	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	52959 1839329	75548	81879	224142	786394	10.0 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	Ave	6447 1830281	24354	86304	223568	792613	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	13762 5286840	67911	243320	629271	2221631	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	13219 4184905	60510	199844	524040	1814783	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	18905 6468062	86678	307008	806474	2798093	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	10996 3547199	48301	174549	460212	1549291	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	7253 2620043	38301	134024	341228	1189014	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	20631 7291244	101830	356404	955654	3329378	2.00 1000	10.0	40.0	100	400
Butyl acrylate	CBZ	Ave	8298 3102245	38161	137987	352755	1261638	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	9808 3745017	51449	182539	459338	1655966	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	18156 6250947	89046	315301	781444	2781277	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	8715 3862910	44774	169476	426039	1537877	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	19223 9193842	111863	407164	1063068	3866272	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	2101 1011946	11026	48053	121701	424545	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	14429 4352691	62312	222897	538937	1903740	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	Ave	3702 1088190	18960	62561	150839	533607	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	10617 3321516	49243	168979	425649	1540155	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	LinF	4697 1065409	18390	58947	143976	498346	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	22870 10316851	141758	501239	1337548	4459928	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	QuaF	18941 6043396	82706	297666	764207	2678455	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	17261 7185401	92784	343132	864697	3056841	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	16144 4833109	72660	248454	638287	2155121	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	25252 8326939	115671	408166	1082716	3609952	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	17028 8854138	103173	378674	927226	3448869	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	19999 8362175	102257	365959	914179	3296753	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	16923 7047793	79113	281434	742815	2616809	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	19150 11274820	127751	487021	1190899	4462577	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	18502 8929957	106303	391431	1003304	3640584	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	13656 5137445	67375	229459	571555	2088891	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	18175 6861340	80806	282339	743587	2722429	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	15863 7022717	76824	316662	822522	2808358	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	15789 8607510	91886	360827	880388	3255304	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	15347 6195859	70535	245771	631632	2365246	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	2755 1315151	13356	51588	122938	498158	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	LinF	9725 2635802	28904	107508	263625	1027057	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	7496 3888010	33964	172348	401409	1677460	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 63928

SDG No.:

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/08/2011 06:54 Calibration End Date: 02/08/2011 11:41 Calibration ID: 9575

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Ave	7197 2642580	34810	138133	283710	1154059	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	LinF	13039 6746131	48846	268094	682539	3014561	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	6635 2695058	23336	128536	308135	1223150	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	318948 251573	336684	313708	324051	261037	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	816394 733066	874818	797430	836298	775173	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	389179 397261	420753	376150	392889	387637	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68548/2 Calibration Date: 03/25/2011 19:17

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46643.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3098	0.2132		13.8	20.0	-31.2	50.0
Chloromethane	Ave	0.3325	0.2887	0.1000	17.4	20.0	-13.2	50.0
Vinyl chloride	Ave	0.3179	0.2853		17.9	20.0	-10.3	20.0
Bromomethane	Ave	0.1780	0.2233		25.1	20.0	25.4	50.0
Chloroethane	Ave	0.2196	0.2465		22.4	20.0	12.2	50.0
Trichlorofluoromethane	Ave	0.4973	0.5139		20.7	20.0	3.3	50.0
n-Pentane	Ave	0.0524	0.0469		17.9	20.0	-10.5	50.0
Ethanol	Ave	0.0010	0.0012		3350	3000	11.5	50.0
Ethyl ether	Ave	0.1796	0.1834		20.4	20.0	2.1	50.0
Isopropene	Ave	0.3697	0.3449		18.7	20.0	-6.7	50.0
Acrolein	Ave	0.0154	0.0071		138	300	-54.1	99.0
1,1-Dichloroethene	Ave	0.2425	0.2261		18.6	20.0	-6.8	20.0
Freon TF	Ave	0.2686	0.2653		19.8	20.0	-1.2	50.0
Acetone	LinF	0.0513	0.0619		28.9	20.0	44.4	50.0
Iodomethane	Ave	0.3208	0.3132		19.5	20.0	-2.4	50.0
Carbon disulfide	Ave	0.7549	0.6771		17.9	20.0	-10.3	50.0
Isopropanol	Ave	0.0113	0.0135		3580	3000	19.3	50.0
Acetonitrile	Ave	0.0174	0.0231		533	400	33.2	50.0
Methyl acetate	Ave	0.0515	0.0614		23.9	20.0	19.3	50.0
Methylene Chloride	Ave	0.2827	0.2833		20.0	20.0	0.2	50.0
TBA	Ave	0.0188	0.0218		463	400	15.7	50.0
Acrylonitrile	Ave	0.0638	0.0673		158	150	5.4	50.0
trans-1,2-Dichloroethene	Ave	0.2930	0.2916		19.9	20.0	-0.5	50.0
MTBE	Ave	0.6457	0.6750		20.9	20.0	4.5	50.0
Hexane	LinF	0.2018	0.1966		17.0	20.0	-14.8	50.0
1,1-Dichloroethane	Ave	0.4603	0.4677	0.1000	20.3	20.0	1.6	50.0
Vinyl acetate	Ave	0.5097	0.4388		17.2	20.0	-13.9	50.0
DIPE	Ave	0.6880	0.7444		21.6	20.0	8.2	50.0
Tert-butyl ethyl ether	Ave	0.7231	0.7429	0.0100	20.5	20.0	2.7	50.0
2,2-Dichloropropane	Ave	0.4520	0.4269		18.9	20.0	-5.5	50.0
cis-1,2-Dichloroethene	Ave	0.3312	0.3350		20.2	20.0	1.1	50.0
2-Butanone	Ave	0.0258	0.0309		23.9	20.0	19.7	50.0
Ethyl acetate	Ave	0.0200	0.0204		40.7	40.0	1.9	50.0
Bromochloromethane	Ave	0.1489	0.1585		21.3	20.0	6.4	50.0
Chloroform	Ave	0.4984	0.4985		20.0	20.0	0.0	20.0
1,1,1-Trichloroethane	Ave	0.4627	0.4639		20.1	20.0	0.3	50.0
Cyclohexane	LinF	0.4237	0.4025		16.5	20.0	-17.5	50.0
Carbon tetrachloride	Ave	0.3825	0.3809		19.9	20.0	-0.4	50.0
1,1-Dichloropropene	Ave	0.4115	0.3953		19.2	20.0	-3.9	50.0
Benzene	Ave	1.164	1.153		19.8	20.0	-1.0	50.0
1,2-Dichloroethane	Ave	0.3183	0.3136		19.7	20.0	-1.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68548/2 Calibration Date: 03/25/2011 19:17

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46643.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.3885	0.4096		42.2	40.0	5.4	50.0
Tert-amyl methyl ether	Ave	0.6472	0.6713		20.7	20.0	3.7	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1320	0.1172		17.8	20.0	-11.2	50.0
n-Butanol	QuaF	0.0025	0.0029		1760	1500	17.3	50.0
Trichloroethene	Ave	0.3161	0.3185		20.2	20.0	0.8	50.0
Ethyl acrylate	LinF	0.2145	0.2512		19.9	20.0	-0.4	50.0
Methylcyclohexane	LinF	0.5180	0.5304		17.3	20.0	-13.3	50.0
1,2-Dichloropropane	Ave	0.2568	0.2569		20.0	20.0	0.0	20.0
Dibromomethane	Ave	0.1435	0.1553		21.6	20.0	8.2	50.0
Methyl methacrylate	Ave	0.1293	0.1356		21.0	20.0	4.8	50.0
1,4-Dioxane	Ave	0.0028	0.0032		175	150	16.4	50.0
Propyl acetate	Ave	0.2102	0.2376		45.2	40.0	13.1	50.0
Bromodichloromethane	Ave	0.3362	0.3373		20.1	20.0	0.3	50.0
2-Chloroethyl vinyl ether	QuaF	0.0367	0.0689		35.7	20.0	78.6*	50.0
Epichlorohydrin	Ave	0.0161	0.0181		449	400	12.3	50.0
cis-1,3-Dichloropropene	Ave	0.4049	0.4157		20.5	20.0	2.7	50.0
4-Methyl-2-pentanone	Ave	0.1369	0.1488		21.7	20.0	8.7	50.0
Toluene	Ave	1.954	1.890		19.3	20.0	-3.3	20.0
trans-1,3-Dichloropropene	Ave	0.4976	0.4866		19.6	20.0	-2.2	50.0
1,1,2-Trichloroethane	Ave	0.2398	0.2484		20.7	20.0	3.6	50.0
Tetrachloroethene	Ave	0.5335	0.5532		20.7	20.0	3.7	50.0
1,3-Dichloropropane	Ave	0.5147	0.5250		20.4	20.0	2.0	50.0
2-Hexanone	Ave	0.1331	0.1342		20.2	20.0	0.8	50.0
Dibromochloromethane	Ave	0.3429	0.3567		20.8	20.0	4.0	50.0
Butyl acetate	Ave	0.3207	0.3617		45.1	40.0	12.8	50.0
1,2-Dibromoethane	Ave	0.2985	0.3087		20.7	20.0	3.4	50.0
Chlorobenzene	Ave	1.230	1.236	0.3000	20.1	20.0	0.5	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3972	0.4045		20.4	20.0	1.8	50.0
Ethylbenzene	Ave	0.6626	0.6724		20.3	20.0	1.5	20.0
m&p-Xylene	Ave	0.8316	0.8418		40.5	40.0	1.2	50.0
o-Xylene	Ave	0.8039	0.8089		20.1	20.0	0.6	50.0
Styrene	Ave	1.299	1.304		20.1	20.0	0.3	50.0
Butyl acrylate	LinF	0.8910	0.9185		16.5	20.0	-17.6	50.0
Bromoform	LinF	0.1996	0.2046	0.1000	16.7	20.0	-16.3	50.0
Isopropylbenzene	Ave	1.959	1.996		20.4	20.0	1.9	50.0
Camphene, Total	LinF	0.2894	0.2499		14.9	20.0	-25.5	50.0
Monobromobenzene	Ave	1.000	1.003		20.1	20.0	0.4	50.0
1,1,2,2-Tetrachloroethane	LinF	0.6082	0.6517	0.3000	18.7	20.0	-6.7	50.0
1,2,3-Trichloropropane	Ave	0.2100	0.2156		20.5	20.0	2.7	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0641	0.0693		21.6	20.0	8.1	50.0
N-Propylbenzene	Ave	4.663	4.540		19.5	20.0	-2.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68548/2 Calibration Date: 03/25/2011 19:17

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46643.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chlorotoluene	Ave	2.761	2.600		18.8	20.0	-5.8	50.0
4-Chlorotoluene	Ave	2.920	2.685		18.4	20.0	-8.0	50.0
1,3,5-Trimethylbenzene	Ave	3.424	3.233		18.9	20.0	-5.6	50.0
Butyl Methacrylate	LinF	0.9027	0.8600		15.1	20.0	-24.4	50.0
tert-Butylbenzene	Ave	3.093	3.064		19.8	20.0	-0.9	50.0
1,2,4-Trimethylbenzene	Ave	3.491	3.358		19.2	20.0	-3.8	50.0
sec-Butylbenzene	Ave	4.521	4.484		19.8	20.0	-0.8	50.0
1,3-Dichlorobenzene	Ave	2.039	2.024		19.9	20.0	-0.7	50.0
1,4-Dichlorobenzene	Ave	1.985	1.992		20.1	20.0	0.4	50.0
p-Isopropyltoluene	Ave	3.899	3.886		19.9	20.0	-0.3	50.0
Benzyl chloride	LinF	1.223	1.201		15.2	20.0	-23.8	50.0
1,2-Dichlorobenzene	Ave	1.826	1.886		20.7	20.0	3.3	50.0
n-Butylbenzene	Ave	3.468	3.524		20.3	20.0	1.6	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1200	0.1149		19.1	20.0	-4.3	50.0
Camphor	Ave	0.0653	0.0656		100	100	0.4	50.0
1,2,4-Trichlorobenzene	Ave	1.490	1.591		21.4	20.0	6.8	50.0
Hexachlorobutadiene	Ave	0.8184	0.8842		21.6	20.0	8.0	50.0
Naphthalene	Ave	2.649	3.091		23.3	20.0	16.7	50.0
1,2,3-Trichlorobenzene	Ave	1.338	1.436		21.5	20.0	7.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1838	0.1702		46.3	50.0	-7.4	50.0
Toluene-d8 (Surr)	Ave	1.152	1.060		46.0	50.0	-7.9	50.0
Bromofluorobenzene	Ave	0.7444	0.7140		48.0	50.0	-4.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68639/2 Calibration Date: 03/28/2011 04:23

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46668.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3098	0.2605		16.8	20.0	-15.9	50.0
Chloromethane	Ave	0.3325	0.2476	0.1000	14.9	20.0	-25.6	50.0
Vinyl chloride	Ave	0.3179	0.2667		16.8	20.0	-16.1	20.0
Bromomethane	Ave	0.1780	0.1901		21.4	20.0	6.8	50.0
Chloroethane	Ave	0.2196	0.2390		21.8	20.0	8.8	50.0
Trichlorofluoromethane	Ave	0.4973	0.5570		22.4	20.0	12.0	50.0
n-Pentane	Ave	0.0524	0.0461		17.6	20.0	-12.0	50.0
Ethanol	Ave	0.0010	0.0009		2500	3000	-16.7	50.0
Ethyl ether	Ave	0.1796	0.1640		18.3	20.0	-8.7	50.0
Isopropene	Ave	0.3697	0.3692		20.0	20.0	-0.1	50.0
Acrolein	Ave	0.0154	0.0054		106	300	-64.8	99.0
1,1-Dichloroethene	Ave	0.2425	0.2386		19.7	20.0	-1.6	20.0
Freon TF	Ave	0.2686	0.2954		22.0	20.0	10.0	50.0
Acetone	LinF	0.0513	0.0562		26.2	20.0	31.2	50.0
Iodomethane	Ave	0.3208	0.3228		20.1	20.0	0.6	50.0
Carbon disulfide	Ave	0.7549	0.7062		18.7	20.0	-6.5	50.0
Isopropanol	Ave	0.0113	0.0103		2730	3000	-9.0	50.0
Acetonitrile	Ave	0.0174	0.0183		420	400	5.1	50.0
Methyl acetate	Ave	0.0515	0.0516		20.0	20.0	0.2	50.0
Methylene Chloride	Ave	0.2827	0.2704		19.1	20.0	-4.4	50.0
TBA	Ave	0.0188	0.0171		363	400	-9.2	50.0
Acrylonitrile	Ave	0.0638	0.0536		126	150	-16.1	50.0
trans-1,2-Dichloroethene	Ave	0.2930	0.2856		19.5	20.0	-2.5	50.0
MTBE	Ave	0.6457	0.6144		19.0	20.0	-4.9	50.0
Hexane	LinF	0.2018	0.2014		17.5	20.0	-12.7	50.0
1,1-Dichloroethane	Ave	0.4603	0.4273	0.1000	18.6	20.0	-7.2	50.0
Vinyl acetate	Ave	0.5097	0.3890		15.3	20.0	-23.7	50.0
DIPE	Ave	0.6880	0.6646		19.3	20.0	-3.4	50.0
Tert-butyl ethyl ether	Ave	0.7231	0.6611	0.0100	18.3	20.0	-8.6	50.0
2,2-Dichloropropane	Ave	0.4520	0.4335		19.2	20.0	-4.1	50.0
cis-1,2-Dichloroethene	Ave	0.3312	0.3185		19.2	20.0	-3.8	50.0
2-Butanone	Ave	0.0258	0.0252		19.5	20.0	-2.5	50.0
Ethyl acetate	Ave	0.0200	0.0166		33.1	40.0	-17.2	50.0
Bromochloromethane	Ave	0.1489	0.1450		19.5	20.0	-2.6	50.0
Chloroform	Ave	0.4984	0.4615		18.5	20.0	-7.4	20.0
1,1,1-Trichloroethane	Ave	0.4627	0.4686		20.3	20.0	1.3	50.0
Cyclohexane	LinF	0.4237	0.4153		17.0	20.0	-14.9	50.0
1,1-Dichloropropene	Ave	0.4115	0.3851		18.7	20.0	-6.4	50.0
Carbon tetrachloride	Ave	0.3825	0.3992		20.9	20.0	4.4	50.0
Benzene	Ave	1.164	1.065		18.3	20.0	-8.5	50.0
1,2-Dichloroethane	Ave	0.3183	0.2769		17.4	20.0	-13.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68639/2 Calibration Date: 03/28/2011 04:23

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46668.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.3885	0.3360		34.6	40.0	-13.5	50.0
Tert-amyl methyl ether	Ave	0.6472	0.5953		18.4	20.0	-8.0	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1320	0.1313		19.9	20.0	-0.6	50.0
n-Butanol	QuaF	0.0025	0.0021		1360	1500	-9.3	50.0
Trichloroethene	Ave	0.3161	0.2982		18.9	20.0	-5.7	50.0
Ethyl acrylate	LinF	0.2145	0.1625		12.9	20.0	-35.6	50.0
Methylcyclohexane	LinF	0.5180	0.5417		17.7	20.0	-11.5	50.0
1,2-Dichloropropane	Ave	0.2568	0.2300		17.9	20.0	-10.4	20.0
Dibromomethane	Ave	0.1435	0.1298		18.1	20.0	-9.6	50.0
1,4-Dioxane	Ave	0.0028	0.0025		137	150	-8.7	50.0
Methyl methacrylate	Ave	0.1293	0.1099		17.0	20.0	-15.0	50.0
Propyl acetate	Ave	0.2102	0.1794		34.1	40.0	-14.7	50.0
Bromodichloromethane	Ave	0.3362	0.3128		18.6	20.0	-6.9	50.0
2-Chloroethyl vinyl ether	QuaF	0.0367	0.0421		21.9	20.0	9.7	50.0
Epichlorohydrin	Ave	0.0161	0.0143		354	400	-11.5	50.0
cis-1,3-Dichloropropene	Ave	0.4049	0.3662		18.1	20.0	-9.6	50.0
4-Methyl-2-pentanone	Ave	0.1369	0.1132		16.5	20.0	-17.3	50.0
Toluene	Ave	1.954	1.793		18.4	20.0	-8.2	20.0
trans-1,3-Dichloropropene	Ave	0.4976	0.4300		17.3	20.0	-13.6	50.0
1,1,2-Trichloroethane	Ave	0.2398	0.2186		18.2	20.0	-8.8	50.0
Tetrachloroethene	Ave	0.5335	0.5548		20.8	20.0	4.0	50.0
1,3-Dichloropropane	Ave	0.5147	0.4508		17.5	20.0	-12.4	50.0
2-Hexanone	Ave	0.1331	0.1058		15.9	20.0	-20.5	50.0
Dibromochloromethane	Ave	0.3429	0.3322		19.4	20.0	-3.1	50.0
Butyl acetate	Ave	0.3207	0.2703		33.7	40.0	-15.7	50.0
1,2-Dibromoethane	Ave	0.2985	0.2766		18.5	20.0	-7.3	50.0
Chlorobenzene	Ave	1.230	1.158	0.3000	18.8	20.0	-5.9	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3972	0.3837		19.3	20.0	-3.4	50.0
Ethylbenzene	Ave	0.6626	0.6294		19.0	20.0	-5.0	20.0
m&p-Xylene	Ave	0.8316	0.7951		38.2	40.0	-4.4	50.0
o-Xylene	Ave	0.8039	0.7573		18.8	20.0	-5.8	50.0
Styrene	Ave	1.299	1.199		18.5	20.0	-7.7	50.0
Butyl acrylate	LinF	0.8910	0.7357		13.2	20.0	-34.0	50.0
Bromoform	LinF	0.1996	0.1936	0.1000	15.8	20.0	-20.8	50.0
Isopropylbenzene	Ave	1.959	1.895		19.4	20.0	-3.2	50.0
Camphene, Total	LinF	0.2894	0.2551		15.2	20.0	-24.0	50.0
Monobromobenzene	Ave	1.000	0.9320		18.6	20.0	-6.8	50.0
1,1,2,2-Tetrachloroethane	LinF	0.6082	0.5355	0.3000	15.3	20.0	-23.3	50.0
1,2,3-Trichloropropane	Ave	0.2100	0.1865		17.8	20.0	-11.2	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0641	0.0545		17.0	20.0	-14.9	50.0
N-Propylbenzene	Ave	4.663	4.384		18.8	20.0	-6.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68639/2 Calibration Date: 03/28/2011 04:23

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46668.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chlorotoluene	Ave	2.761	2.401		17.4	20.0	-13.1	50.0
4-Chlorotoluene	Ave	2.920	2.481		17.0	20.0	-15.0	50.0
1,3,5-Trimethylbenzene	Ave	3.424	3.109		18.2	20.0	-9.2	50.0
Butyl Methacrylate	LinF	0.9027	0.6919		12.2	20.0	-39.1	50.0
tert-Butylbenzene	Ave	3.093	2.926		18.9	20.0	-5.4	50.0
1,2,4-Trimethylbenzene	Ave	3.491	3.132		17.9	20.0	-10.3	50.0
sec-Butylbenzene	Ave	4.521	4.321		19.1	20.0	-4.4	50.0
1,3-Dichlorobenzene	Ave	2.039	1.873		18.4	20.0	-8.2	50.0
1,4-Dichlorobenzene	Ave	1.985	1.819		18.3	20.0	-8.3	50.0
p-Isopropyltoluene	Ave	3.899	3.717		19.1	20.0	-4.7	50.0
Benzyl chloride	LinF	1.223	1.060		13.4	20.0	-32.8	50.0
1,2-Dichlorobenzene	Ave	1.826	1.667		18.3	20.0	-8.7	50.0
n-Butylbenzene	Ave	3.468	3.281		18.9	20.0	-5.4	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1200	0.0839		14.0	20.0	-30.1	50.0
Camphor	Ave	0.0653	0.0499		76.5	100	-23.5	50.0
1,2,4-Trichlorobenzene	Ave	1.490	1.386		18.6	20.0	-7.0	50.0
Hexachlorobutadiene	Ave	0.8184	0.8493		20.8	20.0	3.8	50.0
Naphthalene	Ave	2.649	2.345		17.7	20.0	-11.5	50.0
1,2,3-Trichlorobenzene	Ave	1.338	1.208		18.1	20.0	-9.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1838	0.1638		44.6	50.0	-10.9	50.0
Toluene-d8 (Surr)	Ave	1.152	1.075		46.7	50.0	-6.6	50.0
Bromofluorobenzene	Ave	0.7444	0.7361		49.4	50.0	-1.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68728/2 Calibration Date: 03/28/2011 17:31

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46697.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3098	0.2373		15.3	20.0	-23.4	50.0
Chloromethane	Ave	0.3325	0.2643	0.1000	15.9	20.0	-20.5	50.0
Vinyl chloride	Ave	0.3179	0.2708		17.0	20.0	-14.8	20.0
Bromomethane	Ave	0.1780	0.2086		23.4	20.0	17.2	50.0
Chloroethane	Ave	0.2196	0.2338		21.3	20.0	6.4	50.0
Trichlorofluoromethane	Ave	0.4973	0.4937		19.9	20.0	-0.7	50.0
n-Pentane	Ave	0.0524	0.0438		16.7	20.0	-16.4	50.0
Ethanol	Ave	0.0010	0.0010		2970	3000	-0.9	50.0
Ethyl ether	Ave	0.1796	0.1767		19.7	20.0	-1.6	50.0
Isopropene	Ave	0.3697	0.3263		17.7	20.0	-11.7	50.0
Acrolein	Ave	0.0154	0.0059		116	300	-61.5	99.0
1,1-Dichloroethene	Ave	0.2425	0.2205		18.2	20.0	-9.1	20.0
Freon TF	Ave	0.2686	0.2609		19.4	20.0	-2.9	50.0
Acetone	LinF	0.0513	0.0592		27.6	20.0	38.2	50.0
Iodomethane	Ave	0.3208	0.3055		19.0	20.0	-4.8	50.0
Carbon disulfide	Ave	0.7549	0.6416		17.0	20.0	-15.0	50.0
Isopropanol	Ave	0.0113	0.0123		3250	3000	8.4	50.0
Acetonitrile	Ave	0.0174	0.0190		438	400	9.6	50.0
Methyl acetate	Ave	0.0515	0.0597		23.2	20.0	16.0	50.0
Methylene Chloride	Ave	0.2827	0.2782		19.7	20.0	-1.6	50.0
TBA	Ave	0.0188	0.0203		433	400	8.1	50.0
Acrylonitrile	Ave	0.0638	0.0622		146	150	-2.6	50.0
trans-1,2-Dichloroethene	Ave	0.2930	0.2873		19.6	20.0	-1.9	50.0
MTBE	Ave	0.6457	0.6787		21.0	20.0	5.1	50.0
Hexane	LinF	0.2018	0.1851		16.1	20.0	-19.7	50.0
1,1-Dichloroethane	Ave	0.4603	0.4509	0.1000	19.6	20.0	-2.1	50.0
DIPE	Ave	0.6880	0.7547		21.9	20.0	9.7	50.0
Vinyl acetate	Ave	0.5097	0.4229		16.6	20.0	-17.0	50.0
Tert-butyl ethyl ether	Ave	0.7231	0.7316	0.0100	20.2	20.0	1.2	50.0
2,2-Dichloropropane	Ave	0.4520	0.4309		19.1	20.0	-4.7	50.0
cis-1,2-Dichloroethene	Ave	0.3312	0.3315		20.0	20.0	0.1	50.0
2-Butanone	Ave	0.0258	0.0299		23.2	20.0	16.0	50.0
Ethyl acetate	Ave	0.0200	0.0185		36.9	40.0	-7.7	50.0
Bromochloromethane	Ave	0.1489	0.1566		21.0	20.0	5.2	50.0
Chloroform	Ave	0.4984	0.5016		20.1	20.0	0.6	20.0
1,1,1-Trichloroethane	Ave	0.4627	0.4601		19.9	20.0	-0.6	50.0
Cyclohexane	LinF	0.4237	0.3936		16.1	20.0	-19.3	50.0
Carbon tetrachloride	Ave	0.3825	0.3784		19.8	20.0	-1.1	50.0
1,1-Dichloropropene	Ave	0.4115	0.3855		18.7	20.0	-6.3	50.0
Benzene	Ave	1.164	1.158		19.9	20.0	-0.6	50.0
1,2-Dichloroethane	Ave	0.3183	0.3153		19.8	20.0	-1.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68728/2 Calibration Date: 03/28/2011 17:31

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46697.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.3885	0.4032		41.5	40.0	3.8	50.0
Tert-amyl methyl ether	Ave	0.6472	0.6797		21.0	20.0	5.0	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1320	0.1277		19.3	20.0	-3.3	50.0
n-Butanol	QuaF	0.0025	0.0027		1640	1500	9.5	50.0
Trichloroethene	Ave	0.3161	0.3083		19.5	20.0	-2.5	50.0
Ethyl acrylate	LinF	0.2145	0.2504		19.9	20.0	-0.7	50.0
Methylcyclohexane	LinF	0.5180	0.5197		17.0	20.0	-15.1	50.0
1,2-Dichloropropane	Ave	0.2568	0.2530		19.7	20.0	-1.5	20.0
Dibromomethane	Ave	0.1435	0.1494		20.8	20.0	4.1	50.0
1,4-Dioxane	Ave	0.0028	0.0029		159	150	5.9	50.0
Methyl methacrylate	Ave	0.1293	0.1320		20.4	20.0	2.0	50.0
Propyl acetate	Ave	0.2102	0.2267		43.1	40.0	7.9	50.0
Bromodichloromethane	Ave	0.3362	0.3460		20.6	20.0	2.9	50.0
2-Chloroethyl vinyl ether	QuaF	0.0367	0.0529		27.5	20.0	37.6	50.0
Epichlorohydrin	Ave	0.0161	0.0168		418	400	4.5	50.0
cis-1,3-Dichloropropene	Ave	0.4049	0.4101		20.3	20.0	1.3	50.0
4-Methyl-2-pentanone	Ave	0.1369	0.1455		21.3	20.0	6.3	50.0
Toluene	Ave	1.954	1.892		19.4	20.0	-3.1	20.0
trans-1,3-Dichloropropene	Ave	0.4976	0.4941		19.9	20.0	-0.7	50.0
1,1,2-Trichloroethane	Ave	0.2398	0.2421		20.2	20.0	0.9	50.0
Tetrachloroethene	Ave	0.5335	0.5527		20.7	20.0	3.6	50.0
1,3-Dichloropropane	Ave	0.5147	0.5164		20.1	20.0	0.3	50.0
2-Hexanone	Ave	0.1331	0.1333		20.0	20.0	0.2	50.0
Dibromochloromethane	Ave	0.3429	0.3610		21.1	20.0	5.3	50.0
Butyl acetate	Ave	0.3207	0.3487		43.5	40.0	8.7	50.0
1,2-Dibromoethane	Ave	0.2985	0.3135		21.0	20.0	5.0	50.0
Chlorobenzene	Ave	1.230	1.259	0.3000	20.5	20.0	2.4	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3972	0.4195		21.1	20.0	5.6	50.0
Ethylbenzene	Ave	0.6626	0.6774		20.4	20.0	2.2	20.0
m&p-Xylene	Ave	0.8316	0.8442		40.6	40.0	1.5	50.0
o-Xylene	Ave	0.8039	0.8291		20.6	20.0	3.1	50.0
Styrene	Ave	1.299	1.334		20.5	20.0	2.6	50.0
Butyl acrylate	LinF	0.8910	0.8773		15.7	20.0	-21.3	50.0
Bromoform	LinF	0.1996	0.2198	0.1000	18.0	20.0	-10.0	50.0
Isopropylbenzene	Ave	1.959	1.986		20.3	20.0	1.4	50.0
Camphene, Total	LinF	0.2894	0.2523		15.0	20.0	-24.8	50.0
Monobromobenzene	Ave	1.000	1.002		20.0	20.0	0.2	50.0
1,1,2,2-Tetrachloroethane	LinF	0.6082	0.6593	0.3000	18.9	20.0	-5.6	50.0
1,2,3-Trichloropropane	Ave	0.2100	0.2115		20.1	20.0	0.7	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0641	0.0621		19.4	20.0	-3.1	50.0
N-Propylbenzene	Ave	4.663	4.481		19.2	20.0	-3.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68728/2 Calibration Date: 03/28/2011 17:31

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46697.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chlorotoluene	Ave	2.761	2.592		18.8	20.0	-6.1	50.0
4-Chlorotoluene	Ave	2.920	2.675		18.3	20.0	-8.4	50.0
1,3,5-Trimethylbenzene	Ave	3.424	3.273		19.1	20.0	-4.4	50.0
Butyl Methacrylate	LinF	0.9027	0.8349		14.7	20.0	-26.6	50.0
tert-Butylbenzene	Ave	3.093	3.032		19.6	20.0	-2.0	50.0
1,2,4-Trimethylbenzene	Ave	3.491	3.355		19.2	20.0	-3.9	50.0
sec-Butylbenzene	Ave	4.521	4.423		19.6	20.0	-2.2	50.0
1,3-Dichlorobenzene	Ave	2.039	2.032		19.9	20.0	-0.4	50.0
1,4-Dichlorobenzene	Ave	1.985	2.007		20.2	20.0	1.1	50.0
p-Isopropyltoluene	Ave	3.899	3.854		19.8	20.0	-1.1	50.0
Benzyl chloride	LinF	1.223	1.165		14.8	20.0	-26.1	50.0
1,2-Dichlorobenzene	Ave	1.826	1.872		20.5	20.0	2.5	50.0
n-Butylbenzene	Ave	3.468	3.389		19.5	20.0	-2.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1200	0.1050		17.5	20.0	-12.6	50.0
Camphor	Ave	0.0653	0.0646		98.8	100	-1.2	50.0
1,2,4-Trichlorobenzene	Ave	1.490	1.573		21.1	20.0	5.6	50.0
Hexachlorobutadiene	Ave	0.8184	0.8728		21.3	20.0	6.7	50.0
Naphthalene	Ave	2.649	2.965		22.4	20.0	11.9	50.0
1,2,3-Trichlorobenzene	Ave	1.338	1.402		21.0	20.0	4.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1838	0.1685		45.8	50.0	-8.3	50.0
Toluene-d8 (Surr)	Ave	1.152	1.066		46.3	50.0	-7.4	50.0
Bromofluorobenzene	Ave	0.7444	0.7187		48.3	50.0	-3.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68801/2 Calibration Date: 03/29/2011 04:51

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46722.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3098	0.2776		17.9	20.0	-10.4	50.0
Chloromethane	Ave	0.3325	0.2776	0.1000	16.7	20.0	-16.5	50.0
Vinyl chloride	Ave	0.3179	0.2941		18.5	20.0	-7.5	20.0
Bromomethane	Ave	0.1780	0.2113		23.7	20.0	18.7	50.0
Chloroethane	Ave	0.2196	0.2707		24.6	20.0	23.2	50.0
Trichlorofluoromethane	Ave	0.4973	0.6452		25.9	20.0	29.7	50.0
n-Pentane	Ave	0.0524	0.0579		22.1	20.0	10.5	50.0
Ethanol	Ave	0.0010	0.0010		2990	3000	-0.2	50.0
Ethyl ether	Ave	0.1796	0.1856		20.7	20.0	3.3	50.0
Isopropene	Ave	0.3697	0.4300		23.3	20.0	16.3	50.0
Acrolein	Ave	0.0154	0.0063		122	300	-59.4	99.0
1,1-Dichloroethene	Ave	0.2425	0.2623		21.6	20.0	8.2	20.0
Freon TF	Ave	0.2686	0.3362		25.0	20.0	25.2	50.0
Acetone	LinF	0.0513	0.0633		29.5	20.0	47.7	50.0
Iodomethane	Ave	0.3208	0.3368		21.0	20.0	5.0	50.0
Carbon disulfide	Ave	0.7549	0.7545		20.0	20.0	-0.0	50.0
Isopropanol	Ave	0.0113	0.0115		3050	3000	1.6	50.0
Acetonitrile	Ave	0.0174	0.0201		463	400	15.8	50.0
Methyl acetate	Ave	0.0515	0.0583		22.6	20.0	13.2	50.0
Methylene Chloride	Ave	0.2827	0.2751		19.5	20.0	-2.7	50.0
TBA	Ave	0.0188	0.0179		380	400	-4.9	50.0
Acrylonitrile	Ave	0.0638	0.0589		138	150	-7.8	50.0
trans-1,2-Dichloroethene	Ave	0.2930	0.2930		20.0	20.0	0.0	50.0
MTBE	Ave	0.6457	0.6447		20.0	20.0	-0.2	50.0
Hexane	LinF	0.2018	0.2187		19.0	20.0	-5.2	50.0
1,1-Dichloroethane	Ave	0.4603	0.4409	0.1000	19.2	20.0	-4.2	50.0
Vinyl acetate	Ave	0.5097	0.4140		16.2	20.0	-18.8	50.0
DIPE	Ave	0.6880	0.7104		20.7	20.0	3.3	50.0
Tert-butyl ethyl ether	Ave	0.7231	0.6840	0.0100	18.9	20.0	-5.4	50.0
2,2-Dichloropropane	Ave	0.4520	0.4499		19.9	20.0	-0.5	50.0
cis-1,2-Dichloroethene	Ave	0.3312	0.3328		20.1	20.0	0.5	50.0
2-Butanone	Ave	0.0258	0.0303		23.5	20.0	17.3	50.0
Ethyl acetate	Ave	0.0200	0.0168		33.5	40.0	-16.4	50.0
Bromochloromethane	Ave	0.1489	0.1480		19.9	20.0	-0.6	50.0
Chloroform	Ave	0.4984	0.4941		19.8	20.0	-0.9	20.0
1,1,1-Trichloroethane	Ave	0.4627	0.4766		20.6	20.0	3.0	50.0
Cyclohexane	LinF	0.4237	0.4555		18.7	20.0	-6.6	50.0
Carbon tetrachloride	Ave	0.3825	0.4119		21.5	20.0	7.7	50.0
1,1-Dichloropropene	Ave	0.4115	0.4033		19.6	20.0	-2.0	50.0
Benzene	Ave	1.164	1.137		19.5	20.0	-2.3	50.0
1,2-Dichloroethane	Ave	0.3183	0.2994		18.8	20.0	-6.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68801/2 Calibration Date: 03/29/2011 04:51

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46722.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.3885	0.3550		36.5	40.0	-8.6	50.0
Tert-amyl methyl ether	Ave	0.6472	0.6334		19.6	20.0	-2.1	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1320	0.1400		21.2	20.0	6.0	50.0
n-Butanol	QuaF	0.0025	0.0023		1460	1500	-3.0	50.0
Trichloroethene	Ave	0.3161	0.3061		19.4	20.0	-3.1	50.0
Ethyl acrylate	LinF	0.2145	0.1941		15.4	20.0	-23.1	50.0
Methylcyclohexane	LinF	0.5180	0.5943		19.4	20.0	-2.9	50.0
1,2-Dichloropropane	Ave	0.2568	0.2488		19.4	20.0	-3.1	20.0
Dibromomethane	Ave	0.1435	0.1387		19.3	20.0	-3.4	50.0
Methyl methacrylate	Ave	0.1293	0.1182		18.3	20.0	-8.6	50.0
1,4-Dioxane	Ave	0.0028	0.0025		133	150	-11.0	50.0
Propyl acetate	Ave	0.2102	0.1966		37.4	40.0	-6.5	50.0
Bromodichloromethane	Ave	0.3362	0.3328		19.8	20.0	-1.0	50.0
2-Chloroethyl vinyl ether	QuaF	0.0367	0.0341		17.8	20.0	-10.9	50.0
Epichlorohydrin	Ave	0.0161	0.0154		383	400	-4.3	50.0
cis-1,3-Dichloropropene	Ave	0.4049	0.3794		18.7	20.0	-6.3	50.0
4-Methyl-2-pentanone	Ave	0.1369	0.1229		18.0	20.0	-10.2	50.0
Toluene	Ave	1.954	1.918		19.6	20.0	-1.8	20.0
trans-1,3-Dichloropropene	Ave	0.4976	0.4460		17.9	20.0	-10.4	50.0
1,1,2-Trichloroethane	Ave	0.2398	0.2331		19.4	20.0	-2.8	50.0
Tetrachloroethene	Ave	0.5335	0.5742		21.5	20.0	7.6	50.0
1,3-Dichloropropane	Ave	0.5147	0.4735		18.4	20.0	-8.0	50.0
2-Hexanone	Ave	0.1331	0.1133		17.0	20.0	-14.9	50.0
Dibromochloromethane	Ave	0.3429	0.3398		19.8	20.0	-0.9	50.0
Butyl acetate	Ave	0.3207	0.2953		36.8	40.0	-7.9	50.0
1,2-Dibromoethane	Ave	0.2985	0.2913		19.5	20.0	-2.4	50.0
Chlorobenzene	Ave	1.230	1.257	0.3000	20.4	20.0	2.2	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3972	0.3965		20.0	20.0	-0.2	50.0
Ethylbenzene	Ave	0.6626	0.6694		20.2	20.0	1.0	20.0
m&p-Xylene	Ave	0.8316	0.8679		41.7	40.0	4.4	50.0
o-Xylene	Ave	0.8039	0.8145		20.3	20.0	1.3	50.0
Styrene	Ave	1.299	1.293		19.9	20.0	-0.5	50.0
Butyl acrylate	LinF	0.8910	0.7541		13.5	20.0	-32.3	50.0
Bromoform	LinF	0.1996	0.2027	0.1000	16.6	20.0	-17.1	50.0
Isopropylbenzene	Ave	1.959	2.087		21.3	20.0	6.6	50.0
Camphene, Total	LinF	0.2894	0.2845		17.0	20.0	-15.2	50.0
Monobromobenzene	Ave	1.000	0.9647		19.3	20.0	-3.5	50.0
1,1,2,2-Tetrachloroethane	LinF	0.6082	0.5746	0.3000	16.5	20.0	-17.7	50.0
1,2,3-Trichloropropane	Ave	0.2100	0.1881		17.9	20.0	-10.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0641	0.0618		19.3	20.0	-3.5	50.0
N-Propylbenzene	Ave	4.663	4.581		19.7	20.0	-1.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68801/2 Calibration Date: 03/29/2011 04:51

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46722.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chlorotoluene	Ave	2.761	2.471		17.9	20.0	-10.5	50.0
4-Chlorotoluene	Ave	2.920	2.556		17.5	20.0	-12.5	50.0
1,3,5-Trimethylbenzene	Ave	3.424	3.149		18.4	20.0	-8.0	50.0
Butyl Methacrylate	LinF	0.9027	0.7133		12.5	20.0	-37.3	50.0
tert-Butylbenzene	Ave	3.093	3.041		19.7	20.0	-1.7	50.0
1,2,4-Trimethylbenzene	Ave	3.491	3.248		18.6	20.0	-7.0	50.0
sec-Butylbenzene	Ave	4.521	4.512		20.0	20.0	-0.2	50.0
1,3-Dichlorobenzene	Ave	2.039	1.935		19.0	20.0	-5.1	50.0
1,4-Dichlorobenzene	Ave	1.985	1.932		19.5	20.0	-2.7	50.0
p-Isopropyltoluene	Ave	3.899	3.876		19.9	20.0	-0.6	50.0
Benzyl chloride	LinF	1.223	1.061		13.5	20.0	-32.7	50.0
1,2-Dichlorobenzene	Ave	1.826	1.724		18.9	20.0	-5.6	50.0
n-Butylbenzene	Ave	3.468	3.403		19.6	20.0	-1.9	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1200	0.0936		15.6	20.0	-22.0	50.0
Camphor	Ave	0.0653	0.0441		67.6	100	-32.4	50.0
1,2,4-Trichlorobenzene	Ave	1.490	1.390		18.7	20.0	-6.7	50.0
Hexachlorobutadiene	Ave	0.8184	0.8721		21.3	20.0	6.6	50.0
Naphthalene	Ave	2.649	2.307		17.4	20.0	-12.9	50.0
1,2,3-Trichlorobenzene	Ave	1.338	1.243		18.6	20.0	-7.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1838	0.1698		46.2	50.0	-7.6	50.0
Toluene-d8 (Surr)	Ave	1.152	1.071		46.5	50.0	-7.0	50.0
Bromofluorobenzene	Ave	0.7444	0.7166		48.1	50.0	-3.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68934/2 Calibration Date: 03/30/2011 10:13

Instrument ID: VOAMS13 Calib Start Date: 03/03/2011 02:00

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/03/2011 04:37

Lab File ID: p45574.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2091	0.2138		20.4	20.0	2.2	50.0
Chloromethane	Ave	0.3097	0.2616	0.1000	16.9	20.0	-15.5	50.0
Vinyl chloride	Ave	0.2795	0.2565		18.4	20.0	-8.2	20.0
Bromomethane	Ave	0.1802	0.1726		19.2	20.0	-4.2	50.0
Chloroethane	Ave	0.2024	0.2048		20.2	20.0	1.2	50.0
n-Pentane	Ave	0.0453	0.0355		15.6	20.0	-21.8	50.0
Trichlorofluoromethane	Ave	0.4621	0.4528		19.6	20.0	-2.0	50.0
Isopropene	Ave	0.3134	0.2517		16.1	20.0	-19.7	50.0
Ethyl ether	Ave	0.1955	0.1723		17.6	20.0	-11.9	50.0
1,1-Dichloroethene	Ave	0.1604	0.1532		19.1	20.0	-4.5	20.0
Carbon disulfide	Ave	0.6613	0.5826		17.6	20.0	-11.9	50.0
Ethanol	Ave	0.0013	0.0010		2270	3000	-24.3	50.0
Freon TF	Ave	0.1960	0.1609		16.4	20.0	-17.9	50.0
Acrolein	LinF	0.0370	0.0156		21.1	40.0	-47.3	99.0
Isopropanol	Ave	0.0153	0.0117		2290	3000	-23.6	50.0
Methylene Chloride	Ave	0.2345	0.2318		19.8	20.0	-1.1	50.0
Acetone	LinF	0.0232	0.0187		19.9	20.0	-0.4	50.0
trans-1,2-Dichloroethene	Ave	0.2004	0.2127		21.2	20.0	6.1	50.0
Methyl acetate	Ave	0.0518	0.0475		18.4	20.0	-8.2	50.0
Hexane	Ave	0.1730	0.1340		15.5	20.0	-22.5	50.0
MTBE	Ave	0.6442	0.6086		18.9	20.0	-5.5	50.0
TBA	Ave	0.0221	0.0181		328	400	-17.9	50.0
Acetonitrile	Ave	0.0052	0.0040		307	400	-23.2	50.0
DIPE	Ave	0.8210	0.6811		16.6	20.0	-17.0	50.0
1,1-Dichloroethane	Ave	0.4147	0.4066	0.1000	19.6	20.0	-2.0	50.0
Acrylonitrile	LinF	0.0980	0.0793		19.7	20.0	-1.6	50.0
Tert-butyl ethyl ether	Ave	0.7275	0.6439	0.0100	17.7	20.0	-11.5	50.0
Vinyl acetate	Ave	0.3570	0.2542		14.2	20.0	-28.8	50.0
cis-1,2-Dichloroethene	Ave	0.2464	0.2492		20.2	20.0	1.1	50.0
2,2-Dichloropropane	Ave	0.3397	0.3467		20.4	20.0	2.1	50.0
Cyclohexane	Ave	0.3886	0.2976		15.3	20.0	-23.4	50.0
Bromochloromethane	Ave	0.1114	0.1236		22.2	20.0	10.9	50.0
Chloroform	Ave	0.3983	0.4057		20.4	20.0	1.9	20.0
Carbon tetrachloride	Ave	0.2805	0.2615		18.6	20.0	-6.8	50.0
Ethyl acetate	Ave	0.0228	0.0205		35.9	40.0	-10.2	50.0
Tetrahydrofuran	Ave	0.0939	0.0679		14.4	20.0	-27.8	50.0
1,1,1-Trichloroethane	Ave	0.3473	0.3356		19.3	20.0	-3.4	50.0
1,1-Dichloropropene	Ave	0.3141	0.2722		17.3	20.0	-13.3	50.0
2-Butanone	Ave	0.1065	0.0844		15.8	20.0	-20.8	50.0
n-Heptane	Ave	0.1164	0.0918		15.8	20.0	-21.1	50.0
Benzene	Ave	1.203	1.126		18.7	20.0	-6.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68934/2 Calibration Date: 03/30/2011 10:13

Instrument ID: VOAMS13 Calib Start Date: 03/03/2011 02:00

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/03/2011 04:37

Lab File ID: p45574.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.6019	0.5350		17.8	20.0	-11.1	50.0
1,2-Dichloroethane	Ave	0.3066	0.2816		18.4	20.0	-8.2	50.0
Isopropyl acetate	Ave	0.4009	0.3106		31.0	40.0	-22.5	50.0
Methylcyclohexane	Ave	0.3190	0.2670		16.7	20.0	-16.3	50.0
Trichloroethene	Ave	0.2272	0.2031		17.9	20.0	-10.6	50.0
Dibromomethane	Ave	0.1317	0.1191		18.1	20.0	-9.5	50.0
n-Butanol	Ave	0.0060	0.0044		1080	1500	-28.0	50.0
1,2-Dichloropropane	Ave	0.2500	0.2225		17.8	20.0	-11.0	20.0
Bromodichloromethane	Ave	0.2998	0.2943		19.6	20.0	-1.9	50.0
Ethyl acrylate	Ave	0.2662	0.2050		15.4	20.0	-23.0	50.0
Methyl methacrylate	Ave	0.0482	0.0470		19.5	20.0	-2.6	50.0
1,4-Dioxane	Ave	0.0026	0.0021		120	150	-20.3	50.0
Propyl acetate	Ave	0.2929	0.2250		30.7	40.0	-23.2	50.0
2-Chloroethyl vinyl ether	Ave	0.1354	0.1091		16.1	20.0	-19.4	50.0
cis-1,3-Dichloropropene	Ave	0.5076	0.4665		18.4	20.0	-8.1	50.0
Toluene	Ave	1.389	1.253		18.0	20.0	-9.8	20.0
Epichlorohydrin	Ave	0.0288	0.0220		306	400	-23.4	50.0
Tetrachloroethene	Ave	0.3167	0.2795		17.7	20.0	-11.7	50.0
4-Methyl-2-pentanone	Ave	0.2694	0.1897		14.1	20.0	-29.6	50.0
trans-1,3-Dichloropropene	Ave	0.4614	0.4209		18.2	20.0	-8.8	50.0
1,1,2-Trichloroethane	Ave	0.2206	0.2050		18.6	20.0	-7.1	50.0
Dibromochloromethane	Ave	0.2986	0.2779		18.6	20.0	-6.9	50.0
1,3-Dichloropropane	Ave	0.4818	0.4288		17.8	20.0	-11.0	50.0
1,2-Dibromoethane	Ave	0.2533	0.2288		18.1	20.0	-9.7	50.0
Butyl acetate	Ave	0.0725	0.0595		32.8	40.0	-17.9	50.0
2-Hexanone	Ave	0.0183	0.0153		16.7	20.0	-16.7	50.0
Chlorobenzene	Ave	0.8705	0.8598	0.3000	19.8	20.0	-1.2	50.0
Ethylbenzene	Ave	0.4588	0.4192		18.3	20.0	-8.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3031	0.2779		18.3	20.0	-8.3	50.0
m&p-Xylene	Ave	0.5871	0.5431		37.0	40.0	-7.5	50.0
o-Xylene	Ave	0.5496	0.5407		19.7	20.0	-1.6	50.0
Bromoform	Ave	0.2014	0.1967	0.1000	19.5	20.0	-2.3	50.0
Styrene	LinF	0.9283	0.9025		17.1	20.0	-14.4	50.0
Butyl acrylate	LinF	0.2035	0.1788		15.1	20.0	-24.3	50.0
Isopropylbenzene	Ave	1.306	1.169		17.9	20.0	-10.5	50.0
Camphene, Total	Ave	0.3259	0.2669		16.4	20.0	-18.1	50.0
Monobromobenzene	Ave	0.6708	0.6555		19.5	20.0	-2.3	50.0
N-Propylbenzene	Ave	2.951	2.470		16.7	20.0	-16.3	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6102	0.5235	0.3000	17.2	20.0	-14.2	50.0
2-Chlorotoluene	Ave	1.840	1.602		17.4	20.0	-12.9	50.0
1,2,3-Trichloropropane	Ave	0.1707	0.1480		17.3	20.0	-13.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68934/2 Calibration Date: 03/30/2011 10:13

Instrument ID: VOAMS13 Calib Start Date: 03/03/2011 02:00

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/03/2011 04:37

Lab File ID: p45574.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.053	1.748		17.0	20.0	-14.9	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2081	0.1595		15.3	20.0	-23.4	50.0
4-Chlorotoluene	Ave	1.925	1.728		18.0	20.0	-10.2	50.0
tert-Butylbenzene	Ave	1.651	1.434		17.4	20.0	-13.2	50.0
1,2,4-Trimethylbenzene	Ave	2.193	1.904		17.4	20.0	-13.2	50.0
Butyl Methacrylate	LinF	0.7068	0.5916		13.4	20.0	-33.1	50.0
sec-Butylbenzene	Ave	2.410	2.051		17.0	20.0	-14.9	50.0
1,3-Dichlorobenzene	Ave	1.297	1.236		19.1	20.0	-4.7	50.0
p-Isopropyltoluene	LinF	2.121	1.788		14.4	20.0	-28.1	50.0
1,4-Dichlorobenzene	Ave	1.339	1.273		19.0	20.0	-4.9	50.0
2-Octanol	LinF	0.1397	0.0953		10.1	20.0	-49.6	50.0
2-Octanone	LinF	0.7428	0.4857		12.0	20.0	-40.2	50.0
Benzyl chloride	Ave	1.161	1.139		19.6	20.0	-2.0	50.0
n-Butylbenzene	Ave	1.956	1.660		17.0	20.0	-15.1	50.0
1,2-Dichlorobenzene	Ave	1.226	1.193		19.5	20.0	-2.7	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1076	0.0842		14.5	20.0	-27.3	50.0
1,2,4-Trichlorobenzene	Ave	0.8236	0.7879		19.1	20.0	-4.3	50.0
Hexachlorobutadiene	Ave	0.3245	0.3078		19.0	20.0	-5.2	50.0
Camphor	LinF	0.0508	0.0400		69.6	100	-30.4	50.0
Naphthalene	Ave	1.764	1.763		20.0	20.0	-0.0	50.0
1,2,3-Trichlorobenzene	Ave	0.6941	0.7173		20.7	20.0	3.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2638	0.1932		36.6	50.0	-26.8	50.0
Toluene-d8 (Surr)	Ave	1.133	0.9331		41.2	50.0	-17.6	50.0
Bromofluorobenzene	Ave	0.7051	0.7695		54.6	50.0	9.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68208/2 Calibration Date: 03/23/2011 07:57

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98566.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5330	0.3930		14.7	20.0	-26.3	50.0
Chloromethane	Ave	0.2562	0.2368	0.1000	18.5	20.0	-7.6	50.0
Vinyl chloride	Ave	0.3137	0.2664		17.0	20.0	-15.1	20.0
Bromomethane	Ave	0.2222	0.2417		21.8	20.0	8.8	50.0
Chloroethane	Ave	0.1467	0.1412		19.3	20.0	-3.7	50.0
n-Pentane	Ave	0.0407	0.0353		17.3	20.0	-13.3	50.0
Trichlorofluoromethane	Ave	0.6350	0.5866		18.5	20.0	-7.6	50.0
Ethanol	Ave	0.0010	0.0008		2330	3000	-22.4	50.0
Ethyl ether	Ave	0.2260	0.2617		23.2	20.0	15.8	50.0
Isopropene	Ave	0.2848	0.2874		20.2	20.0	0.9	50.0
Acrolein	Ave	0.0264	0.0163		24.8	40.0	-38.1	99.0
1,1-Dichloroethene	Ave	0.3120	0.2715		17.4	20.0	-13.0	20.0
Freon TF	Ave	0.5567	0.5986		21.5	20.0	7.5	50.0
Acetone	LinF	0.0251	0.0219		20.2	20.0	1.1	50.0
Isopropanol	Ave	0.0147	0.0115		2330	3000	-22.2	50.0
Iodomethane	Ave	0.8650	1.016		23.5	20.0	17.4	50.0
Carbon disulfide	Ave	0.9565	0.9688		20.3	20.0	1.3	50.0
Acetonitrile	QuaF	0.0031	0.0037		518	400	29.5	50.0
Methyl acetate	LinF	0.0748	0.0679		18.8	20.0	-5.9	50.0
Methylene Chloride	Ave	0.3855	0.3618		18.8	20.0	-6.2	50.0
TBA	Ave	0.0297	0.0307		413	400	3.3	50.0
Acrylonitrile	Ave	0.0720	0.0782		21.7	20.0	8.6	50.0
MTBE	Ave	0.9802	1.131		23.1	20.0	15.4	50.0
trans-1,2-Dichloroethene	Ave	0.3628	0.3632		20.0	20.0	0.1	50.0
Hexane	Ave	0.1612	0.1410		17.5	20.0	-12.5	50.0
1,1-Dichloroethane	Ave	0.7095	0.7725	0.1000	21.8	20.0	8.9	50.0
DIPE	Ave	1.643	1.823		22.2	20.0	11.0	50.0
Vinyl acetate	Ave	1.162	1.363		23.5	20.0	17.3	50.0
Tert-butyl ethyl ether	Ave	1.398	1.624	0.0100	23.2	20.0	16.2	50.0
2-Butanone	Ave	0.0320	0.0375		23.4	20.0	17.2	50.0
cis-1,2-Dichloroethene	Ave	0.4122	0.4326		21.0	20.0	4.9	50.0
2,2-Dichloropropane	Ave	0.5654	0.6872		24.3	20.0	21.6	50.0
Ethyl acetate	LinF	0.0415	0.0370		40.0	40.0	-0.0	50.0
Bromochloromethane	Ave	0.2726	0.2859		21.0	20.0	4.9	50.0
Tetrahydrofuran	Ave	0.0935	0.1026		22.0	20.0	9.8	50.0
Chloroform	Ave	0.7708	0.8505		22.1	20.0	10.3	20.0
1,1,1-Trichloroethane	Ave	0.6408	0.7012		21.9	20.0	9.4	50.0
Cyclohexane	Ave	0.4800	0.4425		18.4	20.0	-7.8	50.0
1,1-Dichloropropene	Ave	0.5479	0.5904		21.6	20.0	7.8	50.0
Carbon tetrachloride	LinF	0.5632	0.6482		19.5	20.0	-2.3	50.0
Benzene	Ave	1.443	1.495		20.7	20.0	3.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68208/2 Calibration Date: 03/23/2011 07:57

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98566.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	1.047	1.156		44.2	40.0	10.4	50.0
1,2-Dichloroethane	Ave	0.4507	0.5261		23.3	20.0	16.7	50.0
Tert-amyl methyl ether	Ave	1.183	1.374		23.2	20.0	16.2	50.0
n-Butanol	Ave	0.0049	0.0035		1070	1500	-28.7	50.0
2,4,4-Trimethyl-1-pentene	QuaF	0.0939	0.0683		18.6	20.0	-6.8	50.0
Trichloroethene	Ave	0.4329	0.4582		21.2	20.0	5.8	50.0
Ethyl acrylate	Ave	0.5089	0.5419		21.3	20.0	6.5	50.0
Methylcyclohexane	Ave	0.3572	0.3405		19.1	20.0	-4.7	50.0
1,2-Dichloropropane	Ave	0.4540	0.5059		22.3	20.0	11.4	20.0
Methyl methacrylate	LinF	0.1154	0.1130		21.8	20.0	9.1	50.0
Propyl acetate	Ave	0.6207	0.6675		43.0	40.0	7.5	50.0
1,4-Dioxane	Ave	0.0034	0.0027		116	150	-22.5	50.0
Dibromomethane	Ave	0.3823	0.4118		21.5	20.0	7.7	50.0
Bromodichloromethane	Ave	0.7776	0.8222		21.1	20.0	5.7	50.0
2-Chloroethyl vinyl ether	Ave	0.2739	0.3351		24.5	20.0	22.4	50.0
Epichlorohydrin	Ave	0.0524	0.0572		437	400	9.2	50.0
cis-1,3-Dichloropropene	Ave	0.9499	1.070		22.5	20.0	12.7	50.0
4-Methyl-2-pentanone	Ave	0.5448	0.6071		22.3	20.0	11.4	50.0
Toluene	Ave	1.550	1.624		20.9	20.0	4.7	20.0
trans-1,3-Dichloropropene	Ave	0.8249	0.8699		21.1	20.0	5.4	50.0
1,1,2-Trichloroethane	Ave	0.4433	0.4584		20.7	20.0	3.4	50.0
Tetrachloroethene	Ave	0.5895	0.6361		21.6	20.0	7.9	50.0
1,3-Dichloropropane	Ave	0.8709	0.9757		22.4	20.0	12.0	50.0
2-Hexanone	Ave	0.3180	0.3408		21.4	20.0	7.2	50.0
Butyl acetate	Ave	0.1658	0.1879		45.3	40.0	13.3	50.0
Dibromochloromethane	Ave	0.8881	0.9497		21.4	20.0	6.9	50.0
1,2-Dibromoethane	Ave	0.7561	0.7924		21.0	20.0	4.8	50.0
Chlorobenzene	Ave	1.136	1.233	0.3000	21.7	20.0	8.6	50.0
1,1,1,2-Tetrachloroethane	Ave	0.6401	0.7555		23.6	20.0	18.0	50.0
Ethylbenzene	Ave	0.4749	0.5091		21.4	20.0	7.2	20.0
m&p-Xylene	Ave	0.6545	0.7179		43.9	40.0	9.7	50.0
Butyl acrylate	Ave	0.5108	0.5933		23.2	20.0	16.2	50.0
o-Xylene	Ave	0.6511	0.7088		21.8	20.0	8.9	50.0
Styrene	Ave	1.124	1.203		21.4	20.0	7.0	50.0
Bromoform	Ave	0.6062	0.6599	0.1000	21.8	20.0	8.9	50.0
Isopropylbenzene	Ave	1.463	1.576		21.5	20.0	7.7	50.0
Camphene, Total	Ave	0.1613	0.1096		13.6	20.0	-32.1	50.0
1,1,2,2-Tetrachloroethane	Ave	1.334	1.469	0.3000	22.0	20.0	10.1	50.0
Monobromobenzene	Ave	1.030	1.411		27.4	20.0	37.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3670	0.3891		21.2	20.0	6.0	50.0
1,2,3-Trichloropropane	LinF	0.3727	0.3812		25.7	20.0	28.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68208/2 Calibration Date: 03/23/2011 07:57

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98566.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Propylbenzene	Ave	2.916	3.378		23.2	20.0	15.8	50.0
2-Chlorotoluene	QuaF	1.815	2.759		35.5	20.0	77.6*	50.0
1,3,5-Trimethylbenzene	Ave	1.997	2.330		23.3	20.0	16.7	50.0
Butyl Methacrylate	Ave	1.517	1.895		25.0	20.0	24.9	50.0
4-Chlorotoluene	Ave	2.493	2.885		23.1	20.0	15.7	50.0
tert-Butylbenzene	Ave	2.208	2.485		22.5	20.0	12.6	50.0
1,2,4-Trimethylbenzene	Ave	2.205	2.493		22.6	20.0	13.0	50.0
2-Octanone	Ave	1.779	2.255		25.4	20.0	26.8	50.0
sec-Butylbenzene	Ave	2.766	3.182		23.0	20.0	15.0	50.0
p-Isopropyltoluene	Ave	2.313	2.769		23.9	20.0	19.7	50.0
1,3-Dichlorobenzene	Ave	1.412	1.644		23.3	20.0	16.4	50.0
1,4-Dichlorobenzene	Ave	1.811	2.027		22.4	20.0	11.9	50.0
Benzyl chloride	Ave	1.835	2.269		24.7	20.0	23.6	50.0
n-Butylbenzene	Ave	2.076	2.396		23.1	20.0	15.5	50.0
1,2-Dichlorobenzene	Ave	1.572	1.714		21.8	20.0	9.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.3130	0.3032		19.4	20.0	-3.1	50.0
Camphor	LinF	0.1457	0.1262		88.0	100	-12.0	50.0
1,2,4-Trichlorobenzene	Ave	0.9478	1.028		21.7	20.0	8.5	50.0
Hexachlorobutadiene	Ave	0.7552	0.7530		19.9	20.0	-0.3	50.0
Naphthalene	LinF	1.580	1.711		18.4	20.0	-8.0	50.0
1,2,3-Trichlorobenzene	Ave	0.7104	0.7899		22.2	20.0	11.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3170	0.3220		50.8	50.0	1.6	50.0
Toluene-d8 (Surr)	Ave	1.169	1.121		47.9	50.0	-4.1	50.0
Bromofluorobenzene	Ave	0.9488	0.9618		50.7	50.0	1.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68358/2 Calibration Date: 03/24/2011 09:16

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98616.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5330	0.4334		16.3	20.0	-18.7	50.0
Chloromethane	Ave	0.2562	0.2472	0.1000	19.3	20.0	-3.5	50.0
Vinyl chloride	Ave	0.3137	0.2856		18.2	20.0	-9.0	20.0
Bromomethane	Ave	0.2222	0.2728		24.6	20.0	22.8	50.0
Chloroethane	Ave	0.1467	0.1663		22.7	20.0	13.4	50.0
Trichlorofluoromethane	Ave	0.6350	0.6080		19.1	20.0	-4.3	50.0
n-Pentane	Ave	0.0407	0.0375		18.4	20.0	-7.9	50.0
Ethanol	Ave	0.0010	0.0008		2350	3000	-21.8	50.0
Ethyl ether	Ave	0.2260	0.3012		26.7	20.0	33.3	50.0
Isopropene	Ave	0.2848	0.3162		22.2	20.0	11.0	50.0
Acrolein	Ave	0.0264	0.0176		26.7	40.0	-33.2	99.0
1,1-Dichloroethene	Ave	0.3120	0.2533		16.2	20.0	-18.8	20.0
Freon TF	Ave	0.5567	0.6605		23.7	20.0	18.6	50.0
Acetone	LinF	0.0251	0.0232		21.4	20.0	6.8	50.0
Isopropanol	Ave	0.0147	0.0109		2210	3000	-26.2	50.0
Iodomethane	Ave	0.8650	1.127		26.1	20.0	30.3	50.0
Carbon disulfide	Ave	0.9565	1.063		22.2	20.0	11.1	50.0
Acetonitrile	QuaF	0.0031	0.0036		502	400	25.6	50.0
Methyl acetate	LinF	0.0748	0.0804		22.3	20.0	11.3	50.0
Methylene Chloride	Ave	0.3855	0.3520		18.3	20.0	-8.7	50.0
TBA	Ave	0.0297	0.0288		387	400	-3.2	50.0
Acrylonitrile	Ave	0.0720	0.0714		19.8	20.0	-0.8	50.0
MTBE	Ave	0.9802	1.281		26.1	20.0	30.6	50.0
trans-1,2-Dichloroethene	Ave	0.3628	0.3316		18.3	20.0	-8.6	50.0
Hexane	Ave	0.1612	0.1497		18.6	20.0	-7.1	50.0
1,1-Dichloroethane	Ave	0.7095	0.7513	0.1000	21.2	20.0	5.9	50.0
Vinyl acetate	Ave	1.162	1.531		26.4	20.0	31.8	50.0
DIPE	Ave	1.643	2.055		25.0	20.0	25.1	50.0
Tert-butyl ethyl ether	Ave	1.398	1.776	0.0100	25.4	20.0	27.1	50.0
2-Butanone	Ave	0.0320	0.0347		21.7	20.0	8.5	50.0
cis-1,2-Dichloroethene	Ave	0.4122	0.4043		19.6	20.0	-1.9	50.0
2,2-Dichloropropane	Ave	0.5654	0.6158		21.8	20.0	8.9	50.0
Ethyl acetate	LinF	0.0415	0.0423		45.7	40.0	14.4	50.0
Bromochloromethane	Ave	0.2726	0.2837		20.8	20.0	4.1	50.0
Tetrahydrofuran	Ave	0.0935	0.0999		21.4	20.0	6.8	50.0
Chloroform	Ave	0.7708	0.7988		20.7	20.0	3.6	20.0
1,1,1-Trichloroethane	Ave	0.6408	0.6392		19.9	20.0	-0.3	50.0
Cyclohexane	Ave	0.4800	0.4909		20.5	20.0	2.3	50.0
1,1-Dichloropropene	Ave	0.5479	0.5387		19.7	20.0	-1.7	50.0
Carbon tetrachloride	LinF	0.5632	0.5781		17.4	20.0	-12.9	50.0
Benzene	Ave	1.443	1.401		19.4	20.0	-2.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68358/2 Calibration Date: 03/24/2011 09:16

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98616.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	1.047	1.268		48.5	40.0	21.1	50.0
1,2-Dichloroethane	Ave	0.4507	0.5193		23.0	20.0	15.2	50.0
Tert-amyl methyl ether	Ave	1.183	1.529		25.8	20.0	29.2	50.0
n-Butanol	Ave	0.0049	0.0034		1040	1500	-30.5	50.0
2,4,4-Trimethyl-1-pentene	QuaF	0.0939	0.0698		19.0	20.0	-4.8	50.0
Trichloroethene	Ave	0.4329	0.4147		19.2	20.0	-4.2	50.0
Ethyl acrylate	Ave	0.5089	0.5728		22.5	20.0	12.6	50.0
Methylcyclohexane	Ave	0.3572	0.3638		20.4	20.0	1.8	50.0
1,2-Dichloropropane	Ave	0.4540	0.4662		20.5	20.0	2.7	20.0
Methyl methacrylate	LinF	0.1154	0.1183		22.9	20.0	14.3	50.0
Propyl acetate	Ave	0.6207	0.7285		46.9	40.0	17.4	50.0
1,4-Dioxane	Ave	0.0034	0.0025		109	150	-27.5	50.0
Dibromomethane	Ave	0.3823	0.3974		20.8	20.0	3.9	50.0
Bromodichloromethane	Ave	0.7776	0.7846		20.2	20.0	0.9	50.0
2-Chloroethyl vinyl ether	Ave	0.2739	0.3186		23.3	20.0	16.3	50.0
Epichlorohydrin	Ave	0.0524	0.0579		442	400	10.5	50.0
cis-1,3-Dichloropropene	Ave	0.9499	0.9442		19.9	20.0	-0.6	50.0
4-Methyl-2-pentanone	Ave	0.5448	0.6234		22.9	20.0	14.4	50.0
Toluene	Ave	1.550	1.472		19.0	20.0	-5.0	20.0
trans-1,3-Dichloropropene	Ave	0.8249	0.8064		19.6	20.0	-2.2	50.0
1,1,2-Trichloroethane	Ave	0.4433	0.4355		19.6	20.0	-1.8	50.0
Tetrachloroethene	Ave	0.5895	0.5517		18.7	20.0	-6.4	50.0
1,3-Dichloropropane	Ave	0.8709	0.8983		20.6	20.0	3.1	50.0
2-Hexanone	Ave	0.3180	0.3373		21.2	20.0	6.1	50.0
Butyl acetate	Ave	0.1658	0.1943		46.9	40.0	17.2	50.0
Dibromochloromethane	Ave	0.8881	0.8716		19.6	20.0	-1.9	50.0
1,2-Dibromoethane	Ave	0.7561	0.7267		19.2	20.0	-3.9	50.0
Chlorobenzene	Ave	1.136	1.113	0.3000	19.6	20.0	-2.0	50.0
1,1,1,2-Tetrachloroethane	Ave	0.6401	0.6677		20.9	20.0	4.3	50.0
Ethylbenzene	Ave	0.4749	0.4537		19.1	20.0	-4.5	20.0
m&p-Xylene	Ave	0.6545	0.6068		37.1	40.0	-7.3	50.0
Butyl acrylate	Ave	0.5108	0.6038		23.6	20.0	18.2	50.0
o-Xylene	Ave	0.6511	0.6550		20.1	20.0	0.6	50.0
Styrene	Ave	1.124	1.129		20.1	20.0	0.4	50.0
Bromoform	Ave	0.6062	0.5744	0.1000	19.0	20.0	-5.2	50.0
Isopropylbenzene	Ave	1.463	1.404		19.2	20.0	-4.1	50.0
Camphene, Total	Ave	0.1613	0.1527		18.9	20.0	-5.3	50.0
1,1,2,2-Tetrachloroethane	Ave	1.334	1.424	0.3000	21.4	20.0	6.8	50.0
Monobromobenzene	Ave	1.030	1.121		21.8	20.0	8.9	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3670	0.3913		21.3	20.0	6.6	50.0
1,2,3-Trichloropropane	LinF	0.3727	0.3663		24.7	20.0	23.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68358/2 Calibration Date: 03/24/2011 09:16

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98616.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Propylbenzene	Ave	2.916	2.827		19.4	20.0	-3.1	50.0
2-Chlorotoluene	QuaF	1.815	1.662		21.4	20.0	7.2	50.0
1,3,5-Trimethylbenzene	Ave	1.997	1.967		19.7	20.0	-1.5	50.0
Butyl Methacrylate	Ave	1.517	1.972		26.0	20.0	30.0	50.0
4-Chlorotoluene	Ave	2.493	2.568		20.6	20.0	3.0	50.0
tert-Butylbenzene	Ave	2.208	2.086		18.9	20.0	-5.5	50.0
1,2,4-Trimethylbenzene	Ave	2.205	2.164		19.6	20.0	-1.9	50.0
2-Octanone	Ave	1.779	2.235		25.1	20.0	25.7	50.0
sec-Butylbenzene	Ave	2.766	2.630		19.0	20.0	-4.9	50.0
p-Isopropyltoluene	Ave	2.313	2.110		18.2	20.0	-8.8	50.0
1,3-Dichlorobenzene	Ave	1.412	1.384		19.6	20.0	-2.0	50.0
1,4-Dichlorobenzene	Ave	1.811	1.856		20.5	20.0	2.5	50.0
Benzyl chloride	Ave	1.835	2.235		24.4	20.0	21.8	50.0
n-Butylbenzene	Ave	2.076	1.945		18.7	20.0	-6.3	50.0
1,2-Dichlorobenzene	Ave	1.572	1.553		19.8	20.0	-1.2	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.3130	0.2883		18.4	20.0	-7.9	50.0
Camphor	LinF	0.1457	0.1222		85.2	100	-14.8	50.0
1,2,4-Trichlorobenzene	Ave	0.9478	0.9330		19.7	20.0	-1.6	50.0
Hexachlorobutadiene	Ave	0.7552	0.6445		17.1	20.0	-14.7	50.0
Naphthalene	LinF	1.580	2.015		21.7	20.0	8.3	50.0
1,2,3-Trichlorobenzene	Ave	0.7104	0.7865		22.1	20.0	10.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3170	0.3680		58.0	50.0	16.1	50.0
Toluene-d8 (Surr)	Ave	1.169	1.223		52.3	50.0	4.6	50.0
Bromofluorobenzene	Ave	0.9488	1.057		55.7	50.0	11.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68512/2 Calibration Date: 03/25/2011 09:49

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98659.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5330	0.5681		21.3	20.0	6.6	50.0
Chloromethane	Ave	0.2562	0.2929	0.1000	22.9	20.0	14.3	50.0
Vinyl chloride	Ave	0.3137	0.3567		22.7	20.0	13.7	20.0
Bromomethane	Ave	0.2222	0.3200		28.8	20.0	44.0	50.0
Chloroethane	Ave	0.1467	0.1930		26.3	20.0	31.6	50.0
Trichlorofluoromethane	Ave	0.6350	0.7929		25.0	20.0	24.9	50.0
n-Pentane	Ave	0.0407	0.0374		18.4	20.0	-8.0	50.0
Ethanol	Ave	0.0010	0.0007		2290	3000	-23.6	50.0
Ethyl ether	Ave	0.2260	0.2340		20.7	20.0	3.5	50.0
Isopropene	Ave	0.2848	0.2943		20.7	20.0	3.3	50.0
Acrolein	Ave	0.0264	0.0134		20.3	40.0	-49.3	99.0
1,1-Dichloroethene	Ave	0.3120	0.2787		17.9	20.0	-10.7	20.0
Freon TF	Ave	0.5567	0.6688		24.0	20.0	20.1	50.0
Acetone	LinF	0.0251	0.0227		20.9	20.0	4.5	50.0
Isopropanol	Ave	0.0147	0.0120		2450	3000	-18.4	50.0
Iodomethane	Ave	0.8650	0.9265		21.4	20.0	7.1	50.0
Carbon disulfide	Ave	0.9565	0.7053		14.7	20.0	-26.3	50.0
Acetonitrile	QuaF	0.0031	0.0037		509	400	27.3	50.0
Methyl acetate	LinF	0.0748	0.0658		18.2	20.0	-8.9	50.0
Methylene Chloride	Ave	0.3855	0.3514		18.2	20.0	-8.8	50.0
TBA	Ave	0.0297	0.0269		362	400	-9.4	50.0
Acrylonitrile	Ave	0.0720	0.0666		18.5	20.0	-7.5	50.0
MTBE	Ave	0.9802	0.997		20.3	20.0	1.7	50.0
trans-1,2-Dichloroethene	Ave	0.3628	0.3513		19.4	20.0	-3.2	50.0
Hexane	Ave	0.1612	0.1459		18.1	20.0	-9.5	50.0
1,1-Dichloroethane	Ave	0.7095	0.7651	0.1000	21.6	20.0	7.8	50.0
DIPE	Ave	1.643	1.598		19.5	20.0	-2.7	50.0
Vinyl acetate	Ave	1.162	1.091		18.8	20.0	-6.2	50.0
Tert-butyl ethyl ether	Ave	1.398	1.429	0.0100	20.4	20.0	2.2	50.0
2-Butanone	Ave	0.0320	0.0300		18.7	20.0	-6.3	50.0
cis-1,2-Dichloroethene	Ave	0.4122	0.4290		20.8	20.0	4.1	50.0
2,2-Dichloropropane	Ave	0.5654	0.5791		20.5	20.0	2.4	50.0
Ethyl acetate	LinF	0.0415	0.0361		39.1	40.0	-2.4	50.0
Bromochloromethane	Ave	0.2726	0.2672		19.6	20.0	-2.0	50.0
Tetrahydrofuran	Ave	0.0935	0.0854		18.3	20.0	-8.6	50.0
Chloroform	Ave	0.7708	0.8091		21.0	20.0	5.0	20.0
1,1,1-Trichloroethane	Ave	0.6408	0.6883		21.5	20.0	7.4	50.0
Cyclohexane	Ave	0.4800	0.4845		20.2	20.0	0.9	50.0
1,1-Dichloropropene	Ave	0.5479	0.5826		21.3	20.0	6.3	50.0
Carbon tetrachloride	LinF	0.5632	0.6074		18.3	20.0	-8.4	50.0
Benzene	Ave	1.443	1.452		20.1	20.0	0.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68512/2 Calibration Date: 03/25/2011 09:49

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98659.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	1.047	1.011		38.6	40.0	-3.5	50.0
1,2-Dichloroethane	Ave	0.4507	0.4941		21.9	20.0	9.6	50.0
Tert-amyl methyl ether	Ave	1.183	1.222		20.7	20.0	3.3	50.0
n-Butanol	Ave	0.0049	0.0036		1100	1500	-26.5	50.0
2,4,4-Trimethyl-1-pentene	QuaF	0.0939	0.0891		24.3	20.0	21.3	50.0
Trichloroethene	Ave	0.4329	0.4452		20.6	20.0	2.8	50.0
Ethyl acrylate	Ave	0.5089	0.4409		17.3	20.0	-13.4	50.0
Methylcyclohexane	Ave	0.3572	0.3576		20.0	20.0	0.1	50.0
1,2-Dichloropropane	Ave	0.4540	0.4804		21.2	20.0	5.8	20.0
Methyl methacrylate	LinF	0.1154	0.0965		18.6	20.0	-6.8	50.0
Propyl acetate	Ave	0.6207	0.5616		36.2	40.0	-9.5	50.0
1,4-Dioxane	Ave	0.0034	0.0025		110	150	-26.5	50.0
Dibromomethane	Ave	0.3823	0.3830		20.0	20.0	0.2	50.0
Bromodichloromethane	Ave	0.7776	0.7297		18.8	20.0	-6.2	50.0
2-Chloroethyl vinyl ether	Ave	0.2739	0.2534		18.5	20.0	-7.5	50.0
Epichlorohydrin	Ave	0.0524	0.0460		351	400	-12.3	50.0
cis-1,3-Dichloropropene	Ave	0.9499	0.8307		17.5	20.0	-12.5	50.0
4-Methyl-2-pentanone	Ave	0.5448	0.5200		19.1	20.0	-4.6	50.0
Toluene	Ave	1.550	1.510		19.5	20.0	-2.6	20.0
trans-1,3-Dichloropropene	Ave	0.8249	0.6831		16.6	20.0	-17.2	50.0
1,1,2-Trichloroethane	Ave	0.4433	0.4397		19.8	20.0	-0.8	50.0
Tetrachloroethene	Ave	0.5895	0.5983		20.3	20.0	1.5	50.0
1,3-Dichloropropane	Ave	0.8709	0.8706		20.0	20.0	-0.0	50.0
2-Hexanone	Ave	0.3180	0.2818		17.7	20.0	-11.4	50.0
Butyl acetate	Ave	0.1658	0.1542		37.2	40.0	-7.0	50.0
Dibromochloromethane	Ave	0.8881	0.7591		17.1	20.0	-14.5	50.0
1,2-Dibromoethane	Ave	0.7561	0.7179		19.0	20.0	-5.1	50.0
Chlorobenzene	Ave	1.136	1.159	0.3000	20.4	20.0	2.1	50.0
1,1,1,2-Tetrachloroethane	Ave	0.6401	0.6572		20.5	20.0	2.7	50.0
Ethylbenzene	Ave	0.4749	0.4693		19.8	20.0	-1.2	20.0
m&p-Xylene	Ave	0.6545	0.6653		40.7	40.0	1.6	50.0
Butyl acrylate	Ave	0.5108	0.4932		19.3	20.0	-3.4	50.0
o-Xylene	Ave	0.6511	0.6874		21.1	20.0	5.6	50.0
Styrene	Ave	1.124	1.111		19.8	20.0	-1.1	50.0
Bromoform	Ave	0.6062	0.4479	0.1000	14.8	20.0	-26.1	50.0
Isopropylbenzene	Ave	1.463	1.496		20.4	20.0	2.2	50.0
Camphene, Total	Ave	0.1613	0.1671		20.7	20.0	3.6	50.0
1,1,2,2-Tetrachloroethane	Ave	1.334	1.378	0.3000	20.7	20.0	3.3	50.0
Monobromobenzene	Ave	1.030	1.139		22.1	20.0	10.6	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3670	0.2656		14.5	20.0	-27.6	50.0
1,2,3-Trichloropropane	LinF	0.3727	0.3688		24.9	20.0	24.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68512/2 Calibration Date: 03/25/2011 09:49

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98659.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Propylbenzene	Ave	2.916	3.324		22.8	20.0	14.0	50.0
2-Chlorotoluene	QuaF	1.815	2.621		33.7	20.0	68.7*	50.0
1,3,5-Trimethylbenzene	Ave	1.997	2.218		22.2	20.0	11.1	50.0
Butyl Methacrylate	Ave	1.517	1.693		22.3	20.0	11.6	50.0
4-Chlorotoluene	Ave	2.493	2.709		21.7	20.0	8.7	50.0
tert-Butylbenzene	Ave	2.208	2.465		22.3	20.0	11.6	50.0
1,2,4-Trimethylbenzene	Ave	2.205	2.425		22.0	20.0	10.0	50.0
2-Octanone	Ave	1.779	1.938		21.8	20.0	9.0	50.0
sec-Butylbenzene	Ave	2.766	3.177		23.0	20.0	14.8	50.0
p-Isopropyltoluene	Ave	2.313	2.523		21.8	20.0	9.1	50.0
1,3-Dichlorobenzene	Ave	1.412	1.548		21.9	20.0	9.6	50.0
1,4-Dichlorobenzene	Ave	1.811	1.827		20.2	20.0	0.8	50.0
Benzyl chloride	Ave	1.835	1.613		17.6	20.0	-12.1	50.0
n-Butylbenzene	Ave	2.076	2.303		22.2	20.0	10.9	50.0
1,2-Dichlorobenzene	Ave	1.572	1.628		20.7	20.0	3.5	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.3130	0.3022		19.3	20.0	-3.4	50.0
Camphor	LinF	0.1457	0.1210		84.3	100	-15.7	50.0
1,2,4-Trichlorobenzene	Ave	0.9478	1.038		21.9	20.0	9.5	50.0
Hexachlorobutadiene	Ave	0.7552	0.7505		19.9	20.0	-0.6	50.0
Naphthalene	LinF	1.580	1.727		18.6	20.0	-7.1	50.0
1,2,3-Trichlorobenzene	Ave	0.7104	0.7723		21.7	20.0	8.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3170	0.3443		54.3	50.0	8.6	50.0
Toluene-d8 (Surr)	Ave	1.169	1.153		49.3	50.0	-1.4	50.0
Bromofluorobenzene	Ave	0.9488	1.087		57.3	50.0	14.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69045/2 Calibration Date: 03/31/2011 08:19

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98777.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5330	0.4610		17.3	20.0	-13.5	50.0
Chloromethane	Ave	0.2562	0.2331	0.1000	18.2	20.0	-9.0	50.0
Vinyl chloride	Ave	0.3137	0.2820		18.0	20.0	-10.1	20.0
Bromomethane	Ave	0.2222	0.2194		19.7	20.0	-1.3	50.0
Chloroethane	Ave	0.1467	0.1346		18.4	20.0	-8.2	50.0
Trichlorofluoromethane	Ave	0.6350	0.5805		18.3	20.0	-8.6	50.0
n-Pentane	Ave	0.0407	0.0276		13.6	20.0	-32.1	50.0
Ethanol	Ave	0.0010	0.0010		2940	3000	-1.8	50.0
Ethyl ether	Ave	0.2260	0.2110		18.7	20.0	-6.7	50.0
Isopropene	Ave	0.2848	0.2142		15.0	20.0	-24.8	50.0
Acrolein	Ave	0.0264	0.0143		21.7	40.0	-45.7	99.0
1,1-Dichloroethene	Ave	0.3120	0.2997		19.2	20.0	-3.9	20.0
Freon TF	Ave	0.5567	0.4524		16.3	20.0	-18.7	50.0
Acetone	LinF	0.0251	0.0195		17.9	20.0	-10.3	50.0
Isopropanol	Ave	0.0147	0.0135		2740	3000	-8.5	50.0
Iodomethane	Ave	0.8650	0.8110		18.8	20.0	-6.2	50.0
Carbon disulfide	Ave	0.9565	0.5195		10.9	20.0	-45.7	50.0
Acetonitrile	QuaF	0.0031	0.0030		415	400	3.8	50.0
Methyl acetate	LinF	0.0748	0.0655		18.1	20.0	-9.3	50.0
Methylene Chloride	Ave	0.3855	0.4209		21.8	20.0	9.2	50.0
TBA	Ave	0.0297	0.0265		356	400	-10.9	50.0
MTBE	Ave	0.9802	0.9216		18.8	20.0	-6.0	50.0
Acrylonitrile	Ave	0.0720	0.0793		22.0	20.0	10.2	50.0
trans-1,2-Dichloroethene	Ave	0.3628	0.3864		21.3	20.0	6.5	50.0
Hexane	Ave	0.1612	0.0991		12.3	20.0	-38.5	50.0
1,1-Dichloroethane	Ave	0.7095	0.8402	0.1000	23.7	20.0	18.4	50.0
DIPE	Ave	1.643	1.503		18.3	20.0	-8.5	50.0
Vinyl acetate	Ave	1.162	1.081		18.6	20.0	-7.0	50.0
Tert-butyl ethyl ether	Ave	1.398	1.303	0.0100	18.6	20.0	-6.8	50.0
2-Butanone	Ave	0.0320	0.0302		18.9	20.0	-5.6	50.0
cis-1,2-Dichloroethene	Ave	0.4122	0.4667		22.6	20.0	13.2	50.0
2,2-Dichloropropane	Ave	0.5654	0.6829		24.2	20.0	20.8	50.0
Ethyl acetate	LinF	0.0415	0.0346		37.5	40.0	-6.4	50.0
Bromochloromethane	Ave	0.2726	0.3165		23.2	20.0	16.1	50.0
Tetrahydrofuran	Ave	0.0935	0.0877		18.8	20.0	-6.2	50.0
Chloroform	Ave	0.7708	0.9129		23.7	20.0	18.4	20.0
1,1,1-Trichloroethane	Ave	0.6408	0.7145		22.3	20.0	11.5	50.0
Cyclohexane	Ave	0.4800	0.3265		13.6	20.0	-32.0	50.0
1,1-Dichloropropene	Ave	0.5479	0.5994		21.9	20.0	9.4	50.0
Carbon tetrachloride	LinF	0.5632	0.6021		18.2	20.0	-9.2	50.0
Benzene	Ave	1.443	1.598		22.1	20.0	10.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69045/2 Calibration Date: 03/31/2011 08:19

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98777.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	1.047	0.9490		36.3	40.0	-9.4	50.0
1,2-Dichloroethane	Ave	0.4507	0.5739		25.5	20.0	27.3	50.0
Tert-amyl methyl ether	Ave	1.183	1.122		19.0	20.0	-5.2	50.0
n-Butanol	Ave	0.0049	0.0042		1280	1500	-14.5	50.0
Trichloroethene	Ave	0.4329	0.4880		22.5	20.0	12.7	50.0
Ethyl acrylate	Ave	0.5089	0.4425		17.4	20.0	-13.1	50.0
Methylcyclohexane	Ave	0.3572	0.2459		13.8	20.0	-31.2	50.0
1,2-Dichloropropane	Ave	0.4540	0.5340		23.5	20.0	17.6	20.0
Methyl methacrylate	LinF	0.1154	0.0958		18.5	20.0	-7.4	50.0
Propyl acetate	Ave	0.6207	0.5542		35.7	40.0	-10.7	50.0
1,4-Dioxane	Ave	0.0034	0.0032		142	150	-5.6	50.0
Dibromomethane	Ave	0.3823	0.4557		23.8	20.0	19.2	50.0
Bromodichloromethane	Ave	0.7776	0.8562		22.0	20.0	10.1	50.0
2-Chloroethyl vinyl ether	Ave	0.2739	0.2158		15.8	20.0	-21.2	50.0
Epichlorohydrin	Ave	0.0524	0.0463		353	400	-11.7	50.0
cis-1,3-Dichloropropene	Ave	0.9499	0.8600		18.1	20.0	-9.5	50.0
4-Methyl-2-pentanone	Ave	0.5448	0.4608		16.9	20.0	-15.4	50.0
Toluene	Ave	1.550	1.670		21.5	20.0	7.7	20.0
trans-1,3-Dichloropropene	Ave	0.8249	0.7430		18.0	20.0	-9.9	50.0
1,1,2-Trichloroethane	Ave	0.4433	0.4980		22.5	20.0	12.3	50.0
Tetrachloroethene	Ave	0.5895	0.5909		20.0	20.0	0.2	50.0
1,3-Dichloropropane	Ave	0.8709	1.007		23.1	20.0	15.6	50.0
2-Hexanone	Ave	0.3180	0.2648		16.7	20.0	-16.7	50.0
Butyl acetate	Ave	0.1658	0.1494		36.0	40.0	-9.9	50.0
Dibromochloromethane	Ave	0.8881	0.8982		20.2	20.0	1.1	50.0
1,2-Dibromoethane	Ave	0.7561	0.8306		22.0	20.0	9.9	50.0
Chlorobenzene	Ave	1.136	1.280	0.3000	22.5	20.0	12.7	50.0
1,1,1,2-Tetrachloroethane	Ave	0.6401	0.7264		22.7	20.0	13.5	50.0
Ethylbenzene	Ave	0.4749	0.5274		22.2	20.0	11.1	20.0
m&p-Xylene	Ave	0.6545	0.7287		44.5	40.0	11.3	50.0
Butyl acrylate	Ave	0.5108	0.4560		17.9	20.0	-10.7	50.0
o-Xylene	Ave	0.6511	0.6938		21.3	20.0	6.6	50.0
Styrene	Ave	1.124	1.223		21.8	20.0	8.8	50.0
Bromoform	Ave	0.6062	0.5624	0.1000	18.6	20.0	-7.2	50.0
Isopropylbenzene	Ave	1.463	1.455		19.9	20.0	-0.6	50.0
Camphene, Total	Ave	0.1613	0.1005		12.5	20.0	-37.7	50.0
1,1,2,2-Tetrachloroethane	Ave	1.334	1.605	0.3000	24.1	20.0	20.3	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3670	0.2413		13.2	20.0	-34.2	50.0
Monobromobenzene	Ave	1.030	1.224		23.8	20.0	18.8	50.0
1,2,3-Trichloropropane	LinF	0.3727	0.4061		27.4	20.0	37.1	50.0
N-Propylbenzene	Ave	2.916	3.211		22.0	20.0	10.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69045/2 Calibration Date: 03/31/2011 08:19

Instrument ID: VOAMS8 Calib Start Date: 02/08/2011 06:54

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 02/08/2011 11:41

Lab File ID: j98777.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chlorotoluene	QuaF	1.815	2.184		28.1	20.0	40.7	50.0
1,3,5-Trimethylbenzene	Ave	1.997	2.243		22.5	20.0	12.3	50.0
Butyl Methacrylate	Ave	1.517	1.449		19.1	20.0	-4.5	50.0
4-Chlorotoluene	Ave	2.493	2.913		23.4	20.0	16.9	50.0
tert-Butylbenzene	Ave	2.208	2.305		20.9	20.0	4.4	50.0
1,2,4-Trimethylbenzene	Ave	2.205	2.380		21.6	20.0	7.9	50.0
2-Octanone	Ave	1.779	1.528		17.2	20.0	-14.1	50.0
sec-Butylbenzene	Ave	2.766	2.862		20.7	20.0	3.5	50.0
p-Isopropyltoluene	Ave	2.313	2.323		20.1	20.0	0.4	50.0
1,3-Dichlorobenzene	Ave	1.412	1.580		22.4	20.0	11.9	50.0
1,4-Dichlorobenzene	Ave	1.811	2.040		22.5	20.0	12.6	50.0
Benzyl chloride	Ave	1.835	1.680		18.3	20.0	-8.5	50.0
n-Butylbenzene	Ave	2.076	2.104		20.3	20.0	1.4	50.0
1,2-Dichlorobenzene	Ave	1.572	1.766		22.5	20.0	12.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.3130	0.3413		21.8	20.0	9.1	50.0
Camphor	LinF	0.1457	0.1159		80.8	100	-19.2	50.0
1,2,4-Trichlorobenzene	Ave	0.9478	1.068		22.5	20.0	12.7	50.0
Hexachlorobutadiene	Ave	0.7552	0.7179		19.0	20.0	-4.9	50.0
Naphthalene	LinF	1.580	1.975		21.2	20.0	6.2	50.0
1,2,3-Trichlorobenzene	Ave	0.7104	0.8088		22.8	20.0	13.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3170	0.3985		62.9	50.0	25.7	50.0
Toluene-d8 (Surr)	Ave	1.169	1.256		53.7	50.0	7.5	50.0
Bromofluorobenzene	Ave	0.9488	1.097		57.8	50.0	15.6	50.0

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/14feb11a.b/o45212.d
Report Date: 14-Feb-2011 23:26

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/14feb11a.b/o45212.d
Lab Smp Id: BFB
Inj Date : 14-FEB-2011 17:09
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/14feb11a.b/VOABFB.m
Meth Date : 29-Oct-2010 21:12 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

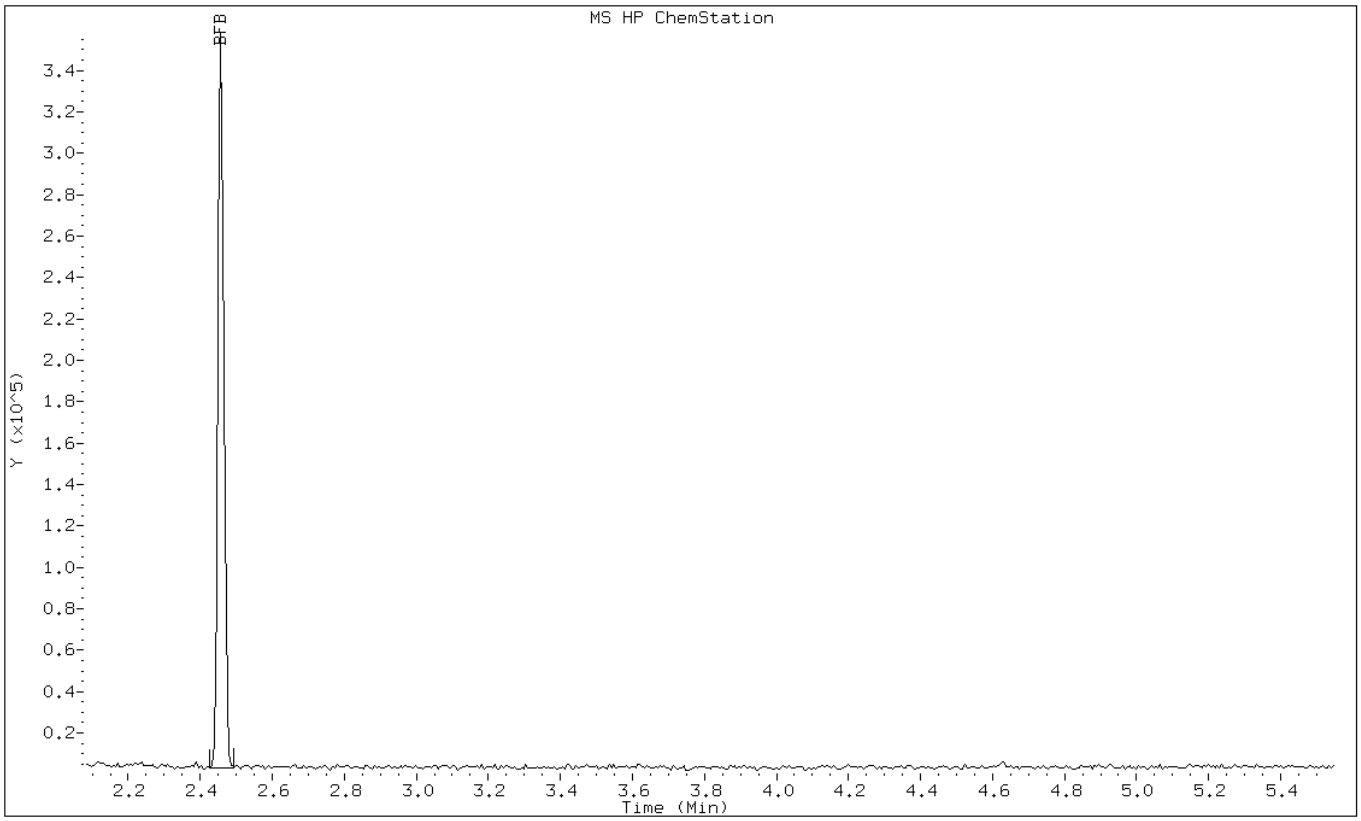
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.456	2.700 (0.000)	95	57096			0.00- 100.00	100.00
2.456	2.700 (0.000)	50	9278			15.00- 40.00	16.25
2.456	2.700 (0.000)	75	26384			30.00- 60.00	46.21
2.456	2.700 (0.000)	96	3807			5.00- 9.00	6.67
2.456	2.700 (0.000)	173	395			0.00- 2.00	0.72
2.456	2.700 (0.000)	174	55032			50.00- 100.00	96.39
2.456	2.700 (0.000)	175	4138			5.00- 9.00	7.52
2.456	2.700 (0.000)	176	52880			95.00- 101.00	96.09
2.456	2.700 (0.000)	177	3449			5.00- 9.00	6.52

Data File: o45212.d

Date: 14-FEB-2011 17:09

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



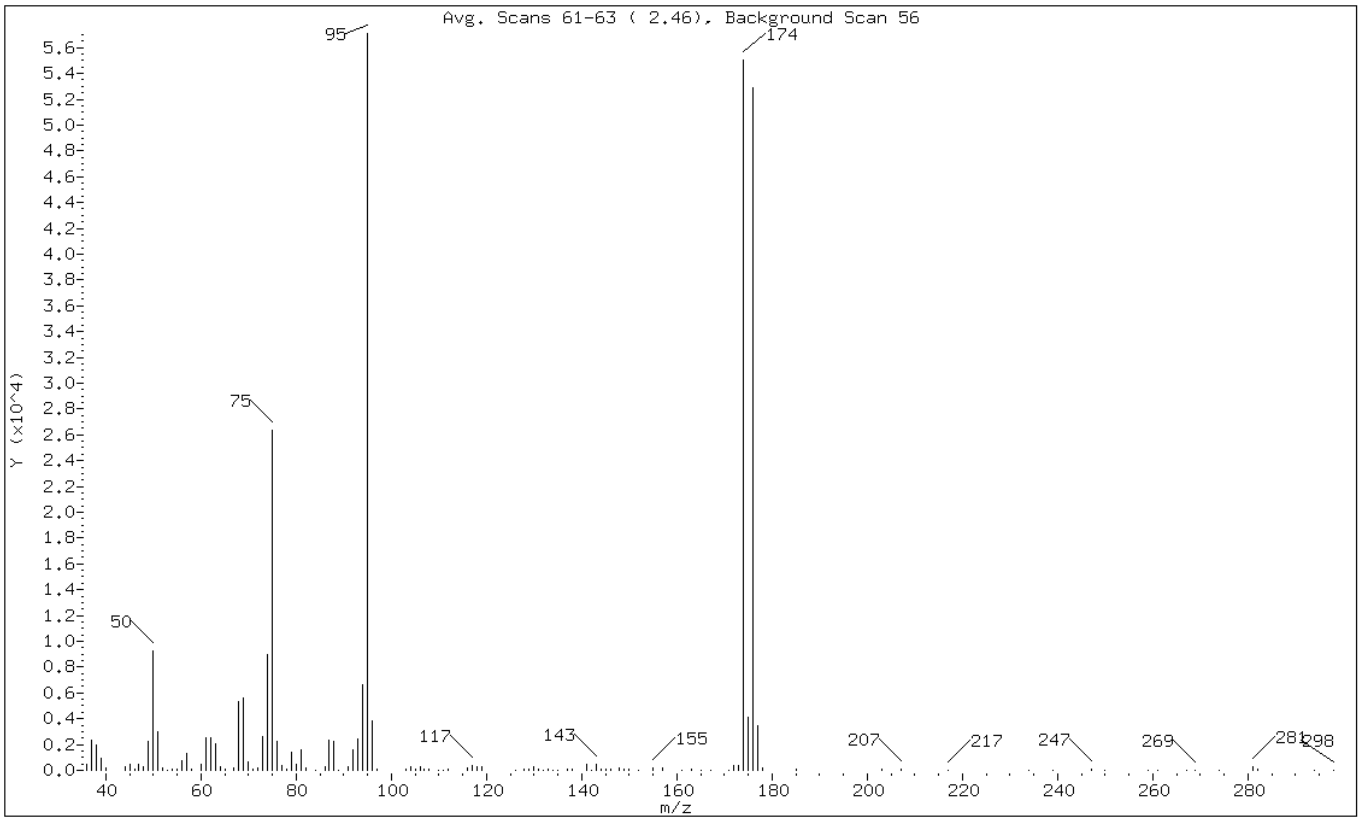
Data File: o45212.d

Date: 14-FEB-2011 17:09

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.25
75	30.00 - 60.00% of mass 95	46.21
96	5.00 - 9.00% of mass 95	6.67
173	Less than 2.00% of mass 174	0.69 (0.72)
174	50.00 - 100.00% of mass 95	96.39
175	5.00 - 9.00% of mass 174	7.25 (7.52)
176	95.00 - 101.00% of mass 174	92.62 (96.09)
177	5.00 - 9.00% of mass 176	6.04 (6.52)

Data File: o45212.d

Date: 14-FEB-2011 17:09

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/14feb11a.b/o45212.d
Spectrum: Avg. Scans 61-63 (2.46), Background Scan 56
Location of Maximum: 95.00
Number of points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	489	71.00	49	110.00	38	161.00	41
37.00	2324	72.00	159	111.00	40	163.00	79
38.00	1976	73.00	2571	112.00	59	165.00	33
39.00	893	74.00	8960	116.00	200	167.00	35
40.00	215	75.00	26384	117.00	366	171.00	41
44.00	234	76.00	2267	118.00	272	172.00	356
45.00	473	77.00	394	119.00	277	173.00	395
46.00	90	78.00	123	126.00	38	174.00	55032
47.00	446	79.00	1412	128.00	96	175.00	4138
48.00	325	80.00	428	129.00	87	176.00	52880
49.00	2258	81.00	1543	130.00	239	177.00	3449
50.00	9278	82.00	171	131.00	107	178.00	160
51.00	2957	84.00	41	132.00	37	185.00	55
52.00	156	86.00	251	133.00	104	203.00	49
53.00	39	87.00	2311	134.00	33	207.00	97
54.00	90	88.00	2285	135.00	36	217.00	37
55.00	106	89.00	34	137.00	107	234.00	40
56.00	763	91.00	273	138.00	70	239.00	46
57.00	1274	92.00	1568	141.00	432	247.00	72
58.00	95	93.00	2427	142.00	41	250.00	40
60.00	454	94.00	6605	143.00	455	259.00	34
61.00	2548	95.00	57096	144.00	60	261.00	34
62.00	2563	96.00	3807	145.00	60	267.00	33
63.00	2054	97.00	100	146.00	80	269.00	37
64.00	240	103.00	90	148.00	159	274.00	36
65.00	115	104.00	244	149.00	64	281.00	239
67.00	213	105.00	71	150.00	113	282.00	133
68.00	5326	106.00	253	152.00	45	294.00	44
69.00	5579	107.00	76	155.00	220	298.00	44
70.00	617	108.00	89	157.00	181		

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46641.d
Report Date: 25-Mar-2011 18:34

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46641.d
Lab Smp Id: BFB
Inj Date : 25-MAR-2011 18:28
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/VOABFB.m
Meth Date : 29-Oct-2010 21:12 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.456	2.700 (0.000)	95	42544			0.00- 100.00	100.00
2.456	2.700 (0.000)	50	8164			15.00- 40.00	19.19
2.456	2.700 (0.000)	75	22088			30.00- 60.00	51.92
2.456	2.700 (0.000)	96	3097			5.00- 9.00	7.28
2.456	2.700 (0.000)	173	336			0.00- 2.00	0.91
2.456	2.700 (0.000)	174	37008			50.00- 100.00	86.99
2.456	2.700 (0.000)	175	3168			5.00- 9.00	8.56
2.456	2.700 (0.000)	176	35808			95.00- 101.00	96.76
2.456	2.700 (0.000)	177	2501			5.00- 9.00	6.98

Data File: o46641.d

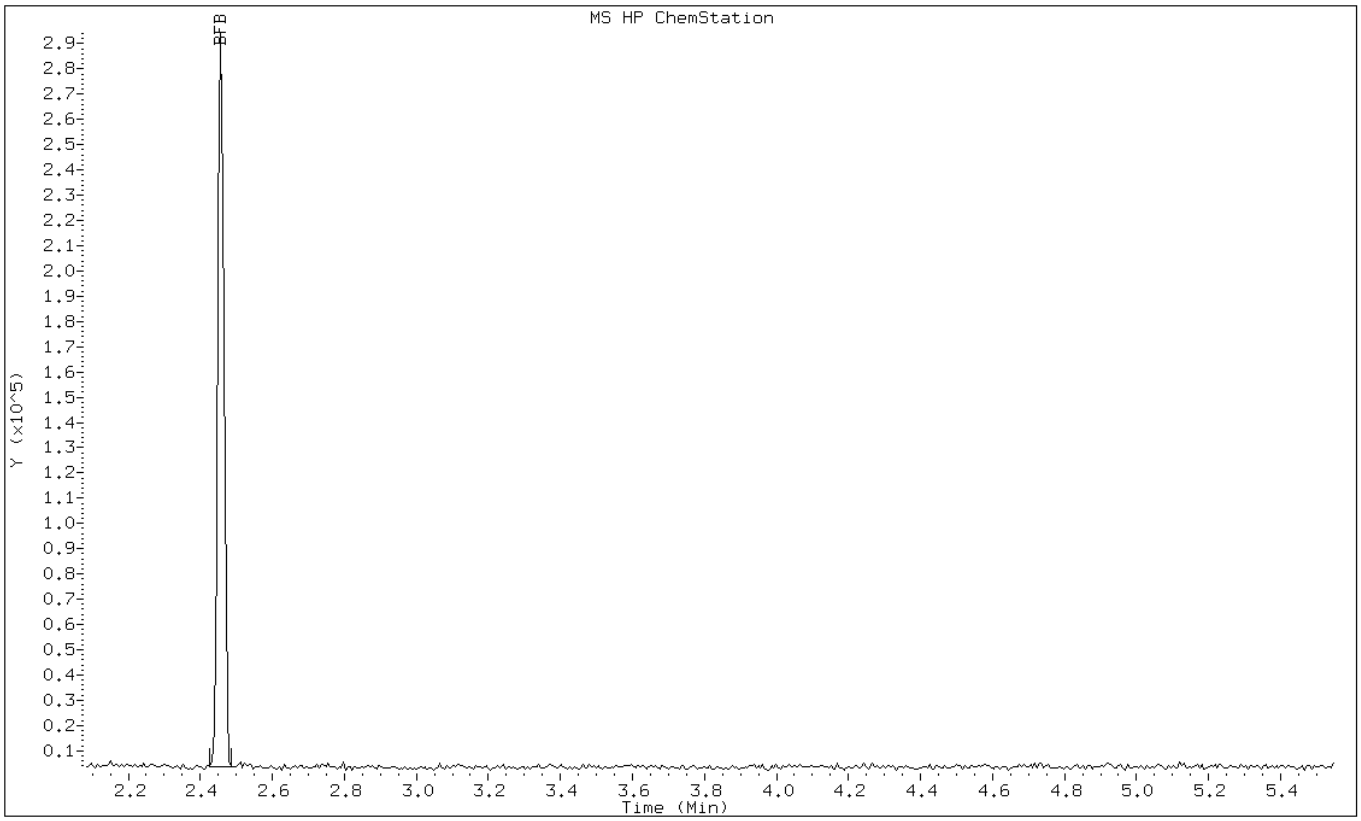
Date: 25-MAR-2011 18:28

Client ID:

Instrument: VOAMS12.i

Sample Info: BFB

Operator: VOAMS 1



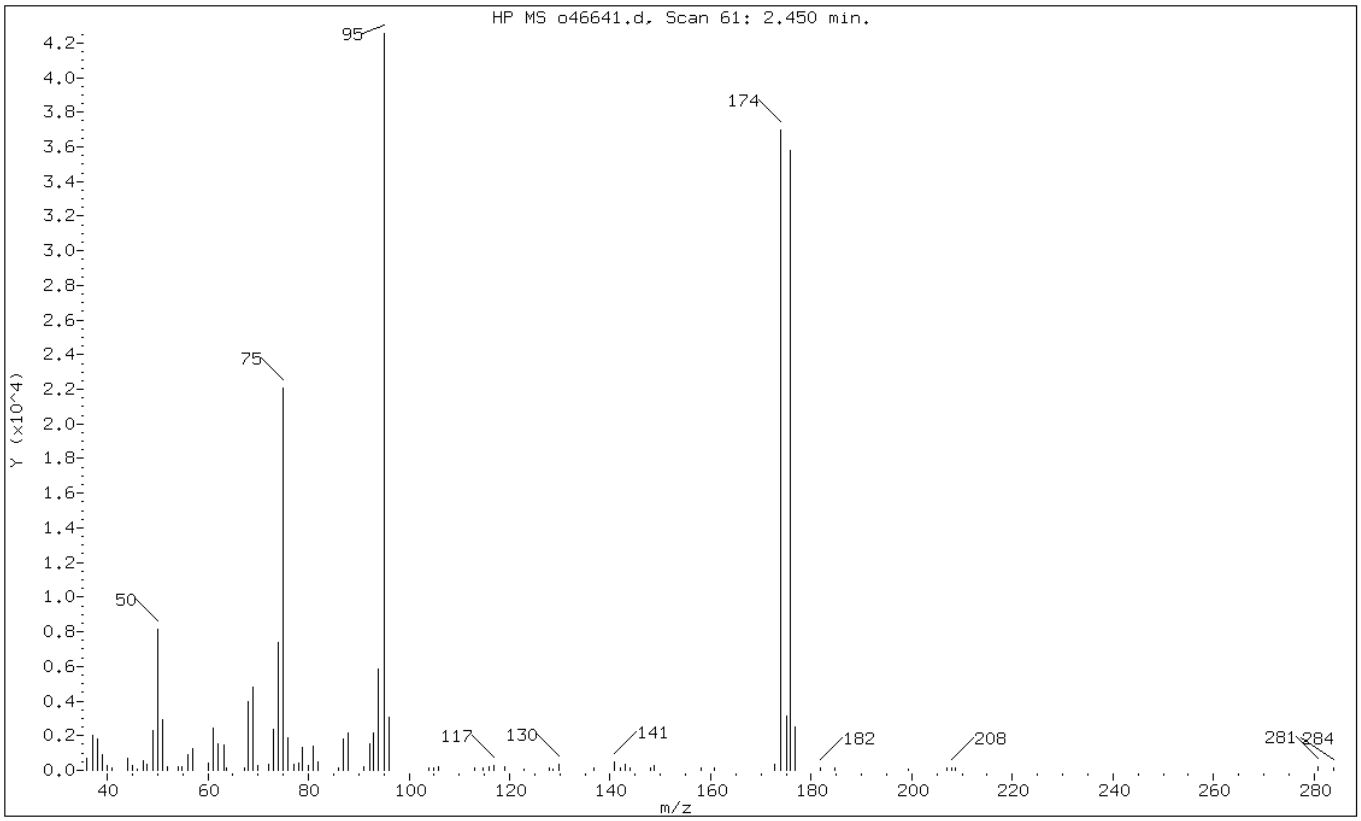
Data File: o46641.d

Date: 25-MAR-2011 18:28

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.19
75	30.00 - 60.00% of mass 95	51.92
96	5.00 - 9.00% of mass 95	7.28
173	Less than 2.00% of mass 174	0.79 (0.91)
174	50.00 - 100.00% of mass 95	86.99
175	5.00 - 9.00% of mass 174	7.45 (8.56)
176	95.00 - 101.00% of mass 174	84.17 (96.76)
177	5.00 - 9.00% of mass 176	5.88 (6.98)

Data File: o46641.d

Date: 25-MAR-2011 18:28

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46641.d
Spectrum: HP MS o46641.d, Scan 61: 2.450 min.
Location of Maximum: 95.00
Number of points: 82

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.90	687	62.00	1524	91.00	192	142.90	341
37.10	1993	63.10	1435	92.10	1548	143.90	108
38.00	1787	63.80	134	93.00	2168	148.10	120
39.10	930	67.20	113	94.00	5867	148.80	267
40.00	292	68.00	3954	95.00	42544	158.20	158
40.90	120	69.00	4820	96.00	3097	160.70	133
44.00	715	69.90	296	104.00	161	172.70	336
45.00	296	72.10	337	105.00	145	173.90	37008
46.00	101	73.00	2375	105.90	206	175.00	3168
47.10	545	74.00	7401	113.10	118	175.90	35808
48.00	319	75.00	22088	114.70	137	176.90	2501
49.00	2297	76.00	1857	116.00	222	181.90	118
50.10	8164	77.00	342	116.80	253	184.70	116
51.10	2897	78.10	390	119.00	238	199.20	102
52.00	213	78.90	1314	122.80	104	207.00	140
54.10	201	79.90	265	127.90	155	207.90	148
54.90	196	80.90	1384	128.70	102	208.70	119
56.00	902	81.90	457	129.90	375	280.90	179
57.10	1234	85.90	106	136.80	115	283.90	116
60.00	414	87.00	1780	140.80	493		
61.00	2450	88.00	2160	142.00	117		

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46667.d
Report Date: 28-Mar-2011 03:50

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46667.d
Lab Smp Id: BFB
Inj Date : 28-MAR-2011 03:44
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/VOABFB.m
Meth Date : 29-Oct-2010 21:12 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

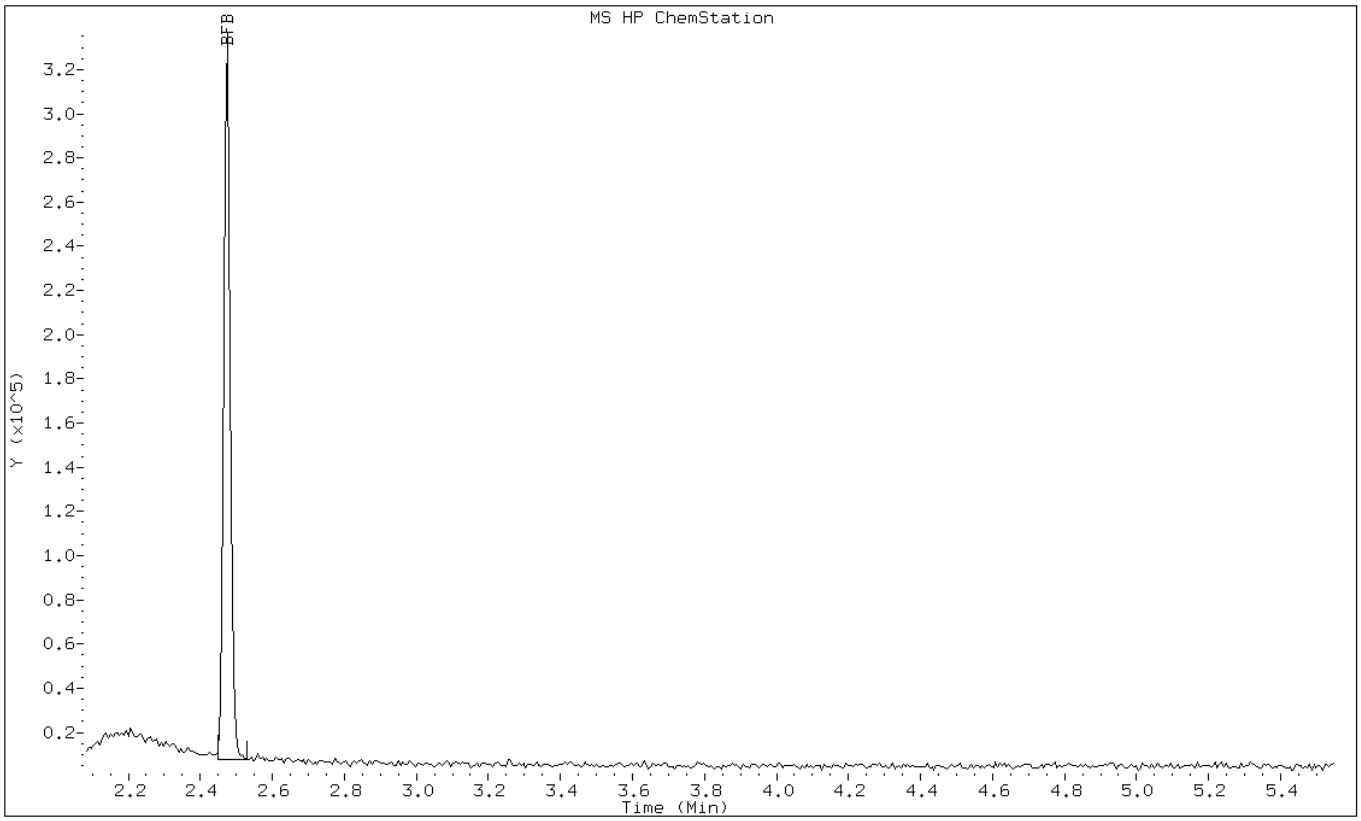
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.475	2.700 (0.000)	95	54960			0.00- 100.00	100.00
2.475	2.700 (0.000)	50	10667			15.00- 40.00	19.41
2.475	2.700 (0.000)	75	25632			30.00- 60.00	46.64
2.475	2.700 (0.000)	96	3719			5.00- 9.00	6.77
2.475	2.700 (0.000)	173	445			0.00- 2.00	0.92
2.475	2.700 (0.000)	174	48280			50.00- 100.00	87.85
2.475	2.700 (0.000)	175	2982			5.00- 9.00	6.18
2.475	2.700 (0.000)	176	48424			95.00- 101.00	100.30
2.475	2.700 (0.000)	177	2672			5.00- 9.00	5.52

Data File: o46667.d

Date: 28-MAR-2011 03:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



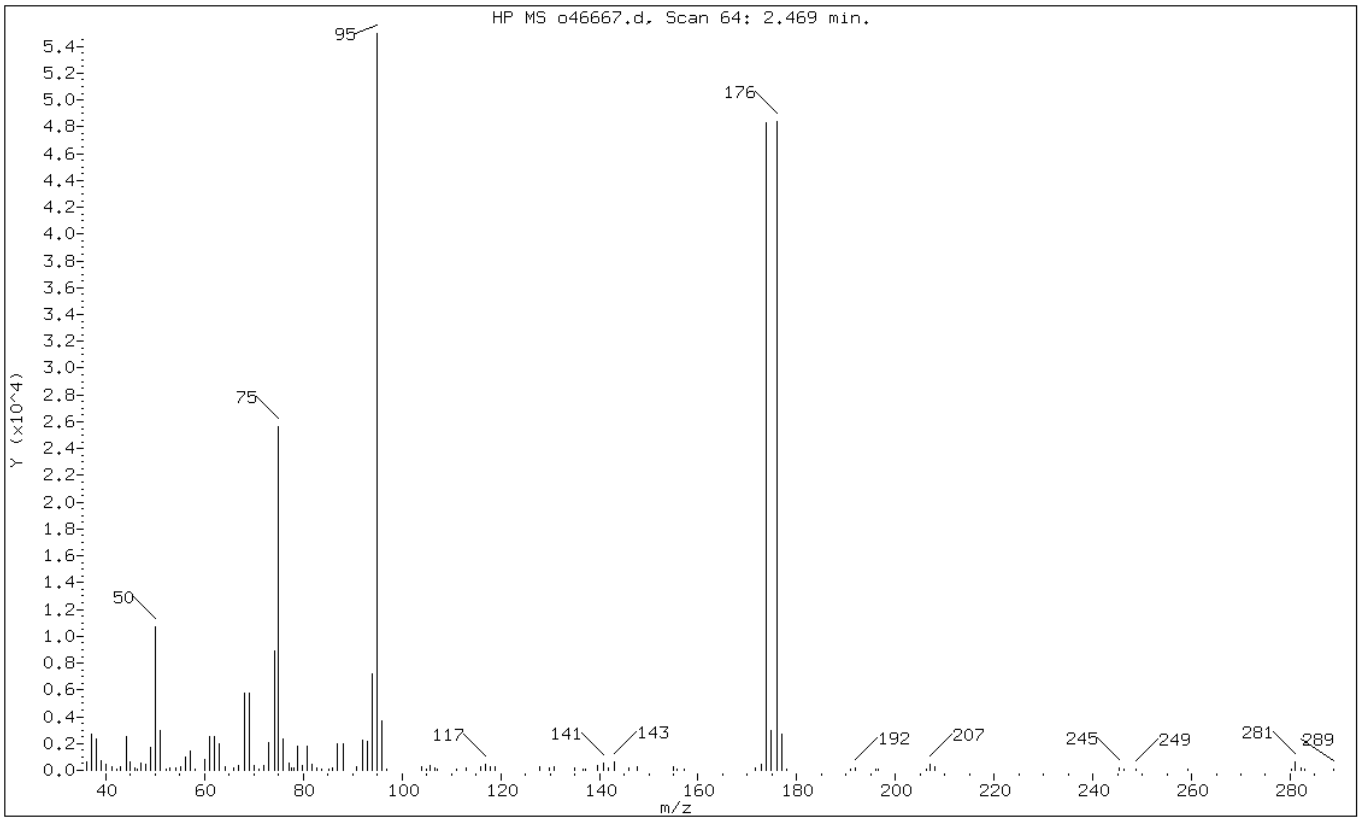
Data File: o46667.d

Date: 28-MAR-2011 03:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.41
75	30.00 - 60.00% of mass 95	46.64
96	5.00 - 9.00% of mass 95	6.77
173	Less than 2.00% of mass 174	0.81 (0.92)
174	50.00 - 100.00% of mass 95	87.85
175	5.00 - 9.00% of mass 174	5.43 (6.18)
176	95.00 - 101.00% of mass 174	88.11 (100.30)
177	5.00 - 9.00% of mass 176	4.86 (5.52)

Data File: o46667.d

Date: 28-MAR-2011 03:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46667.d
Spectrum: HP MS o46667.d, Scan 64: 2.469 min.
Location of Maximum: 95.00
Number of points: 109

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	636	64.10	231	94.00	7170	155.70	102
37.10	2731	65.90	175	95.00	54960	157.10	107
38.10	2363	66.90	354	96.00	3719	171.50	183
39.10	720	68.00	5716	96.90	125	172.90	445
40.00	469	69.10	5720	104.00	284	173.90	48280
41.20	304	70.10	315	104.90	102	174.90	2982
42.10	129	71.00	102	105.80	332	175.90	48424
43.00	279	71.90	365	106.60	141	176.90	2672
44.10	2481	73.00	2068	107.10	114	177.90	110
45.00	657	74.10	8931	111.00	101	191.00	110
45.90	177	75.00	25632	113.00	224	191.90	140
46.30	122	76.00	2333	115.90	257	196.00	127
47.10	538	77.00	508	117.00	408	196.40	110
48.10	473	77.70	187	117.90	235	206.20	125
49.10	1703	78.00	171	118.80	254	207.10	480
50.10	10667	78.90	1827	127.80	253	207.90	237
51.10	2947	79.80	365	129.90	179	245.40	159
52.10	132	80.90	1771	130.90	235	246.40	102
53.00	183	81.80	426	135.00	187	248.80	111
54.10	137	82.70	173	136.60	113	259.20	108
55.10	306	83.70	128	137.20	124	280.30	115
56.00	955	85.20	110	139.70	403	281.00	597
57.10	1483	85.90	137	140.90	568	282.20	192
58.00	117	87.00	1940	141.70	175	283.00	127
60.00	811	88.00	1993	143.10	658	288.80	120
61.00	2480	90.80	226	146.00	185		
62.00	2486	92.00	2276	147.70	237		
63.00	2003	93.00	2200	155.00	229		

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46695.d
Report Date: 28-Mar-2011 16:48

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46695.d
Lab Smp Id: BFB
Inj Date : 28-MAR-2011 16:44
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/VOABFB.m
Meth Date : 29-Oct-2010 21:12 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

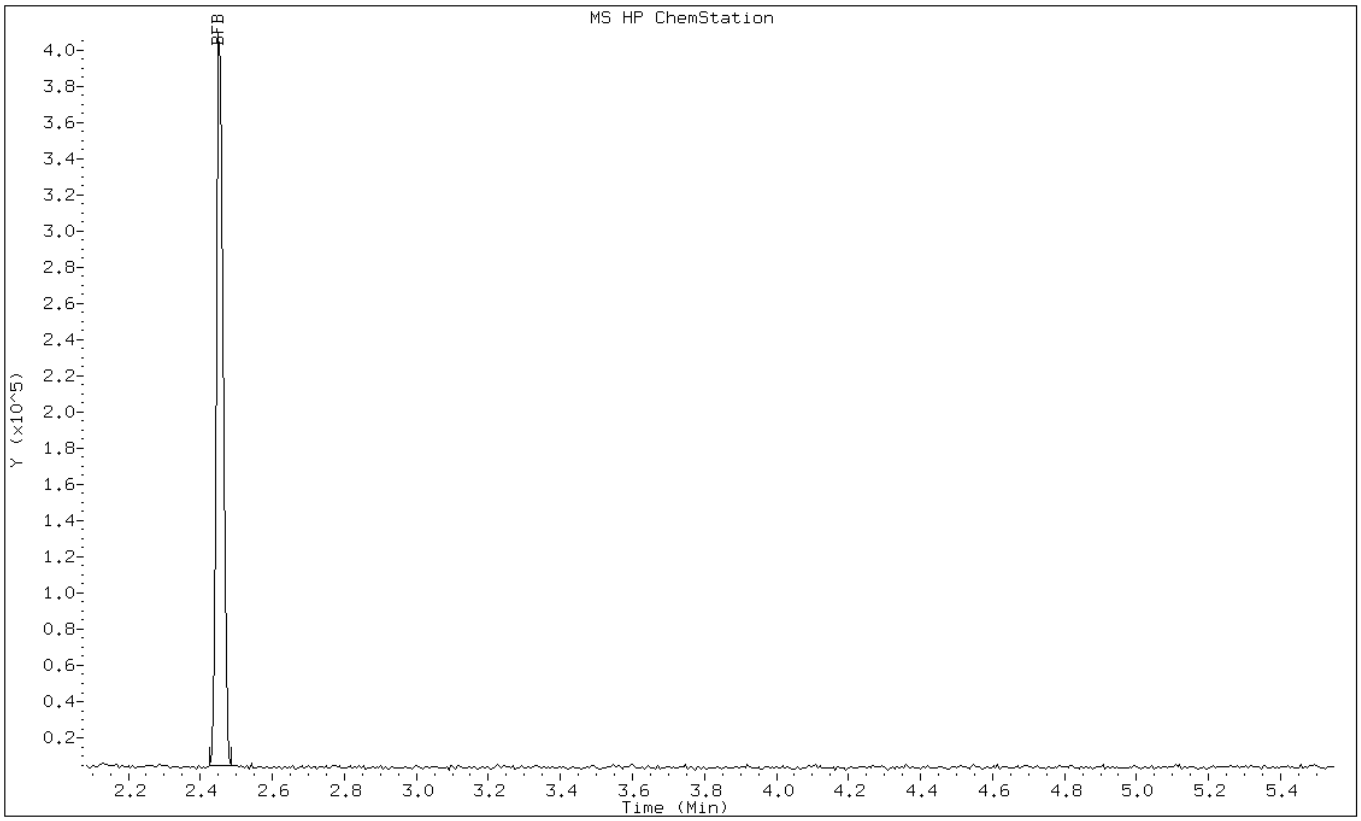
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.450	2.700 (0.000)	95	68144			0.00- 100.00	100.00
2.450	2.700 (0.000)	50	11259			15.00- 40.00	16.52
2.450	2.700 (0.000)	75	31896			30.00- 60.00	46.81
2.450	2.700 (0.000)	96	4626			5.00- 9.00	6.79
2.450	2.700 (0.000)	173	772			0.00- 2.00	1.17
2.450	2.700 (0.000)	174	65752			50.00- 100.00	96.49
2.450	2.700 (0.000)	175	4753			5.00- 9.00	7.23
2.450	2.700 (0.000)	176	63776			95.00- 101.00	96.99
2.450	2.700 (0.000)	177	3967			5.00- 9.00	6.22

Data File: o46695.d

Date: 28-MAR-2011 16:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



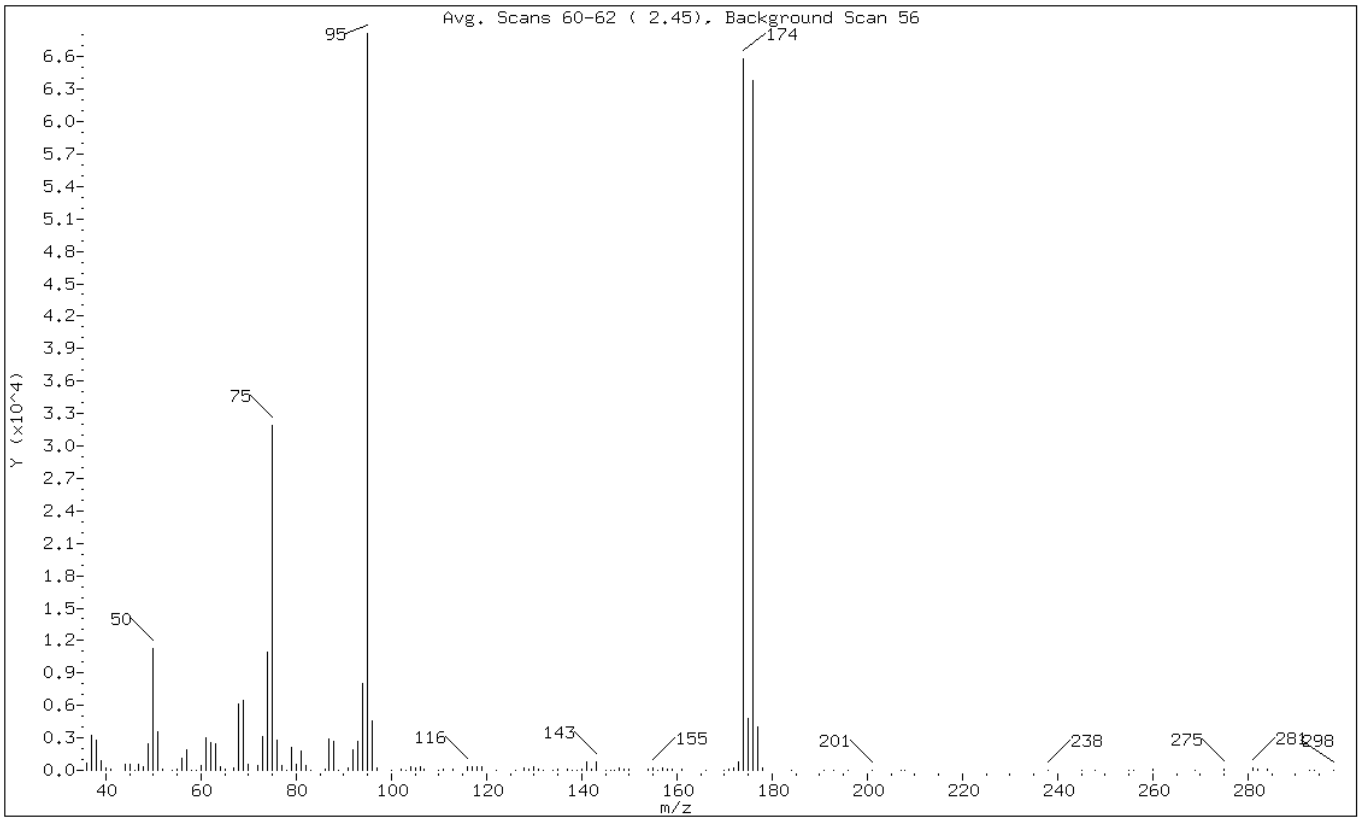
Data File: o46695.d

Date: 28-MAR-2011 16:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.52
75	30.00 - 60.00% of mass 95	46.81
96	5.00 - 9.00% of mass 95	6.79
173	Less than 2.00% of mass 174	1.13 (1.17)
174	50.00 - 100.00% of mass 95	96.49
175	5.00 - 9.00% of mass 174	6.97 (7.23)
176	95.00 - 101.00% of mass 174	93.59 (96.99)
177	5.00 - 9.00% of mass 176	5.82 (6.22)

Data File: o46695.d

Date: 28-MAR-2011 16:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46695.d
Spectrum: Avg. Scans 60-62 (2.45), Background Scan 56
Location of Maximum: 95.00
Number of points: 128

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	622	74.00	10971	118.00	300	171.00	91
37.00	3289	75.00	31896	119.00	330	172.00	203
38.00	2742	76.00	2792	122.00	43	173.00	772
39.00	897	77.00	438	126.00	36	174.00	65752
40.00	199	78.00	48	128.00	278	175.00	4753
41.00	93	79.00	2156	129.00	130	176.00	63776
44.00	552	80.00	544	130.00	289	177.00	3967
45.00	540	81.00	1747	131.00	140	178.00	242
46.00	40	82.00	392	132.00	52	184.00	47
47.00	565	83.00	37	134.00	36	191.00	37
48.00	338	86.00	89	135.00	141	193.00	39
49.00	2467	87.00	2945	137.00	149	196.00	43
50.00	11259	88.00	2687	138.00	39	201.00	49
51.00	3550	89.00	45	139.00	36	207.00	26
52.00	143	91.00	214	140.00	112	208.00	34
54.00	53	92.00	1842	141.00	743	238.00	41
55.00	141	93.00	2724	142.00	77	245.00	35
56.00	1117	94.00	8031	143.00	744	248.00	36
57.00	1911	95.00	68144	145.00	51	255.00	36
58.00	50	96.00	4626	146.00	38	256.00	40
59.00	36	97.00	258	147.00	39	260.00	73
60.00	413	100.00	43	148.00	234	269.00	41
61.00	3023	102.00	101	149.00	107	275.00	92
62.00	2608	103.00	40	150.00	130	281.00	179
63.00	2442	104.00	330	154.00	63	282.00	155
64.00	283	105.00	204	155.00	261	284.00	73
65.00	161	106.00	340	156.00	43	293.00	46
67.00	267	107.00	158	157.00	170	294.00	33
68.00	6189	110.00	49	158.00	75	298.00	50
69.00	6478	111.00	108	159.00	101		
70.00	548	113.00	102	161.00	56		
72.00	472	116.00	349	166.00	39		
73.00	3166	117.00	339	170.00	40		

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46721.d
Report Date: 29-Mar-2011 04:27

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46721.d
Lab Smp Id: BFB
Inj Date : 29-MAR-2011 04:14
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/VOABFB.m
Meth Date : 29-Oct-2010 21:12 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

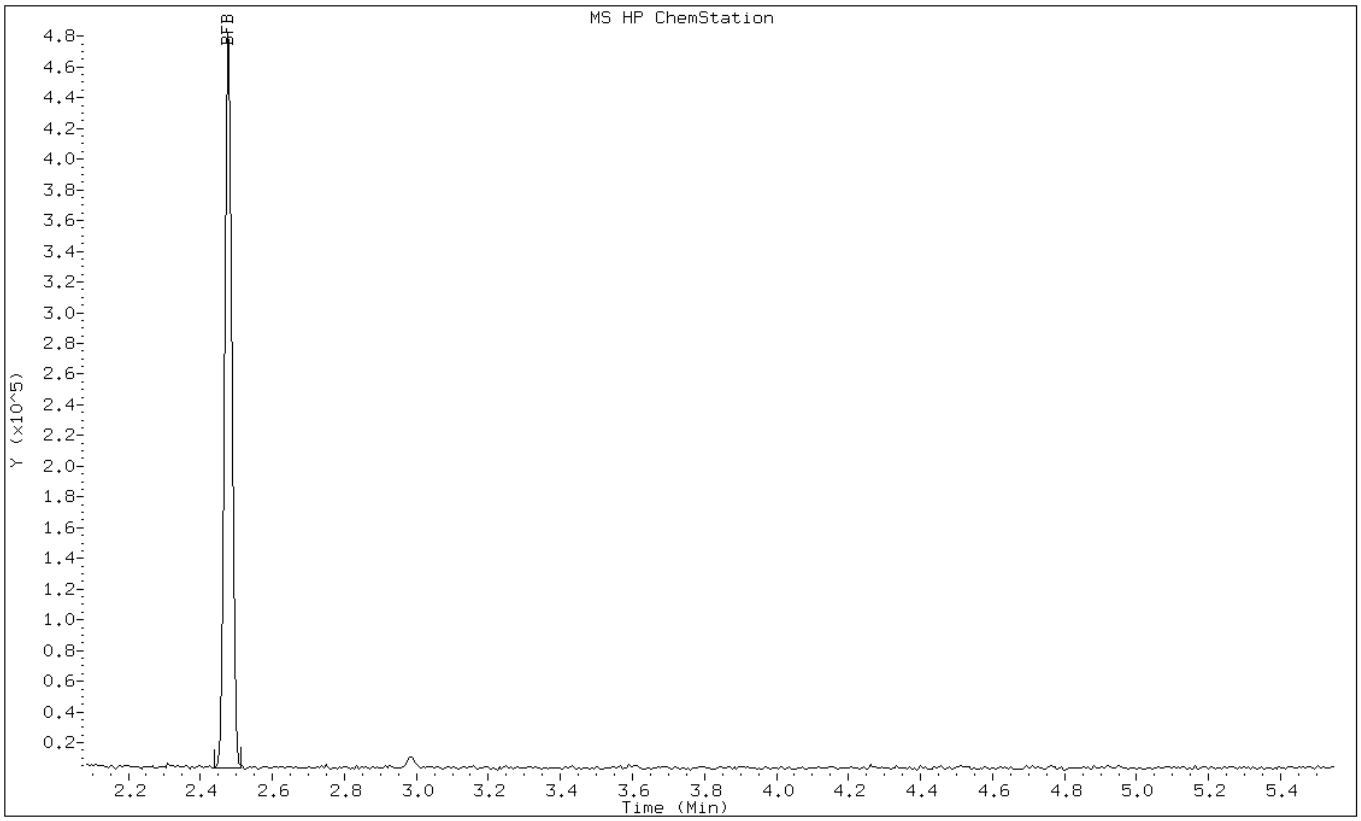
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.475	2.700 (0.000)	95	64328			0.00- 100.00	100.00
2.475	2.700 (0.000)	50	10591			15.00- 40.00	16.46
2.475	2.700 (0.000)	75	31040			30.00- 60.00	48.25
2.475	2.700 (0.000)	96	5546			5.00- 9.00	8.62
2.475	2.700 (0.000)	173	654			0.00- 2.00	1.20
2.475	2.700 (0.000)	174	54496			50.00- 100.00	84.72
2.475	2.700 (0.000)	175	3803			5.00- 9.00	6.98
2.475	2.700 (0.000)	176	53776			95.00- 101.00	98.68
2.475	2.700 (0.000)	177	4123			5.00- 9.00	7.67

Data File: o46721.d

Date: 29-MAR-2011 04:14

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



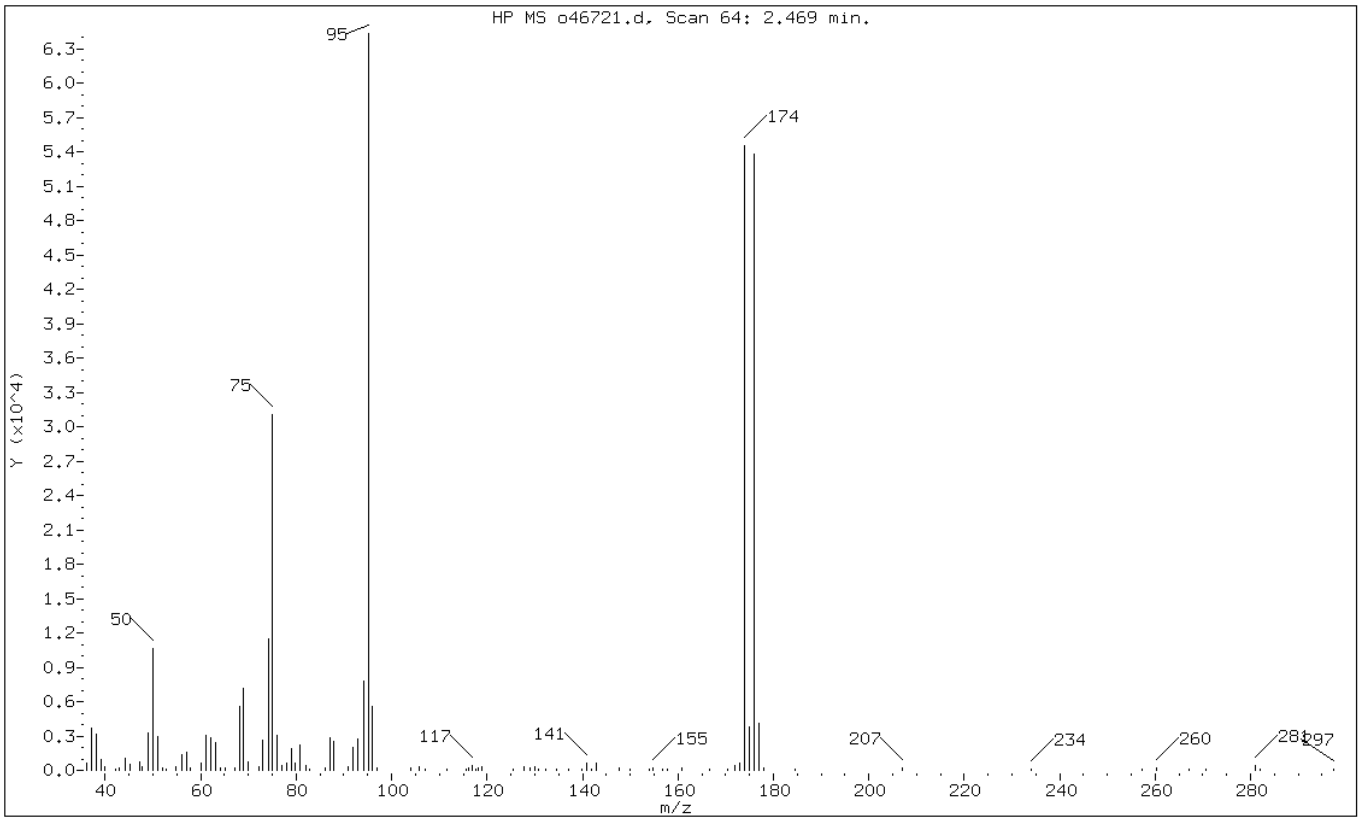
Data File: o46721.d

Date: 29-MAR-2011 04:14

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.46
75	30.00 - 60.00% of mass 95	48.25
96	5.00 - 9.00% of mass 95	8.62
173	Less than 2.00% of mass 174	1.02 (1.20)
174	50.00 - 100.00% of mass 95	84.72
175	5.00 - 9.00% of mass 174	5.91 (6.98)
176	95.00 - 101.00% of mass 174	83.60 (98.68)
177	5.00 - 9.00% of mass 176	6.41 (7.67)

Data File: o46721.d

Date: 29-MAR-2011 04:14

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46721.d
Spectrum: HP MS o46721.d, Scan 64: 2.469 min.
Location of Maximum: 95.10
Number of points: 100

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	586	67.10	230	103.90	256	156.80	137
37.10	3635	68.10	5576	105.90	356	157.90	138
38.10	3139	69.00	7189	107.10	147	160.70	193
39.10	982	69.90	687	111.70	148	166.70	132
40.00	346	72.10	292	115.50	107	170.30	106
42.20	120	73.00	2584	116.20	170	171.90	433
42.90	193	74.10	11476	117.00	391	173.00	654
44.10	1005	75.10	31040	117.60	124	173.90	54496
45.20	494	76.10	3018	118.20	200	174.90	3803
47.10	713	77.10	399	119.00	276	175.90	53776
47.80	283	78.00	677	125.50	100	176.90	4123
49.10	3267	79.00	1921	127.70	272	177.90	235
50.10	10591	79.90	673	129.00	164	184.60	132
51.10	2934	80.90	2243	129.90	333	207.10	181
52.00	255	82.00	410	130.70	109	234.10	141
52.70	110	82.90	132	132.40	102	257.30	114
54.90	314	86.00	254	134.60	128	260.20	173
56.00	1370	87.00	2814	137.20	121	267.20	144
57.00	1610	87.90	2508	139.80	140	270.70	117
57.90	174	91.00	286	140.90	670	280.90	429
60.00	582	92.00	1948	142.00	106	282.00	146
61.00	3006	93.00	2716	143.00	599	297.40	125
62.00	2884	94.10	7826	147.70	175		
63.10	2371	95.10	64328	149.90	131		
64.00	254	96.00	5546	154.00	136		
65.10	161	96.90	164	154.80	210		

Data File: /chem/VOAMS13.i/8260_09/03-03-11/03mar11.b/p44656.d
Report Date: 03-Mar-2011 00:42

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/03-03-11/03mar11.b/p44656.d
Lab Smp Id: BFB
Inj Date : 03-MAR-2011 00:44
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/03mar11.b/VOABFB.m
Meth Date : 02-Jul-2010 09:13 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

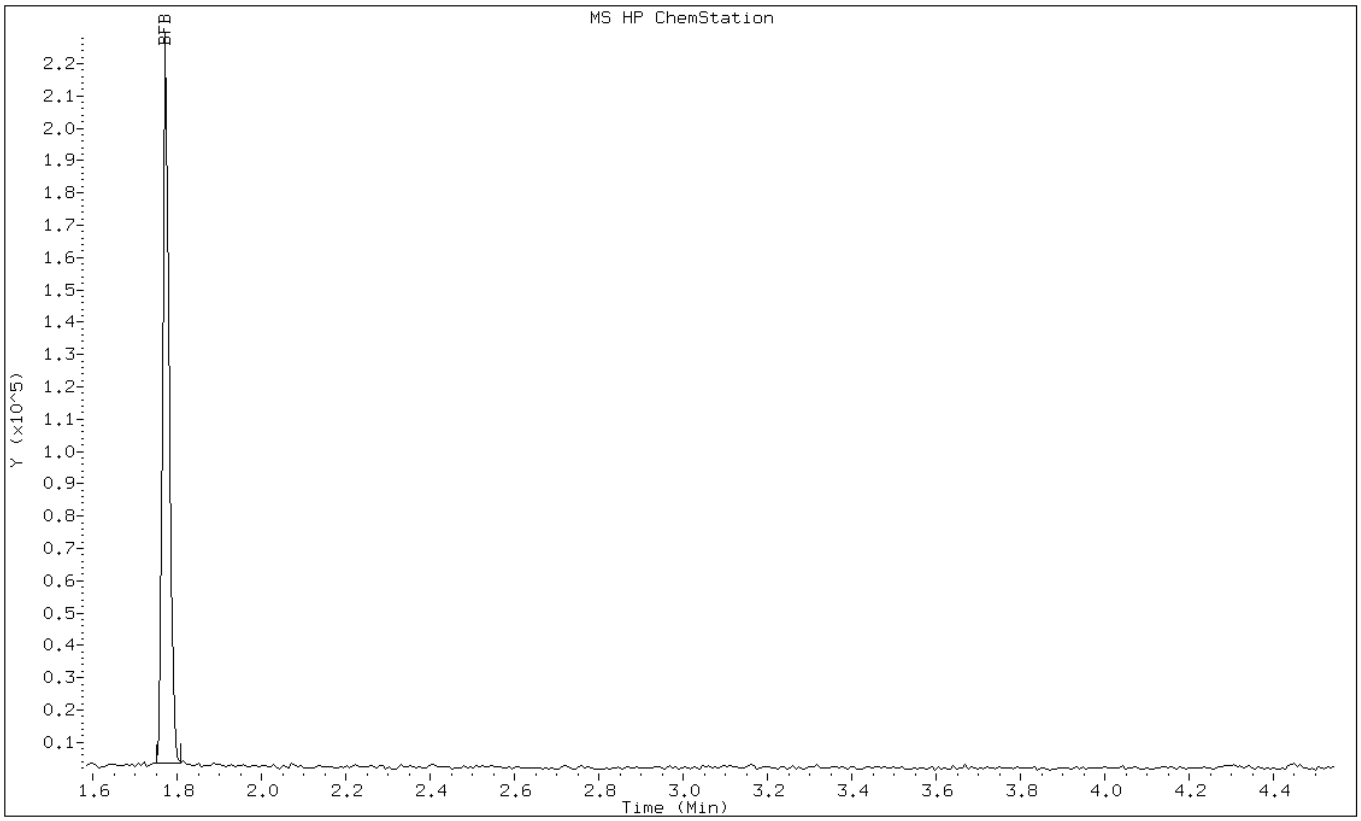
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
1.771	1.700 (0.000)	95	31640			0.00- 100.00	100.00
1.771	1.700 (0.000)	50	6340			15.00- 40.00	20.04
1.771	1.700 (0.000)	75	16808			30.00- 60.00	53.12
1.771	1.700 (0.000)	96	1993			5.00- 9.00	6.30
1.771	1.700 (0.000)	173	204			0.00- 2.00	0.78
1.771	1.700 (0.000)	174	26209			50.00- 100.00	82.84
1.771	1.700 (0.000)	175	2358			5.00- 9.00	9.00
1.771	1.700 (0.000)	176	26099			95.00- 101.00	99.58
1.771	1.700 (0.000)	177	1954			5.00- 9.00	7.49

Data File: p44656.d

Date: 03-MAR-2011 00:44

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



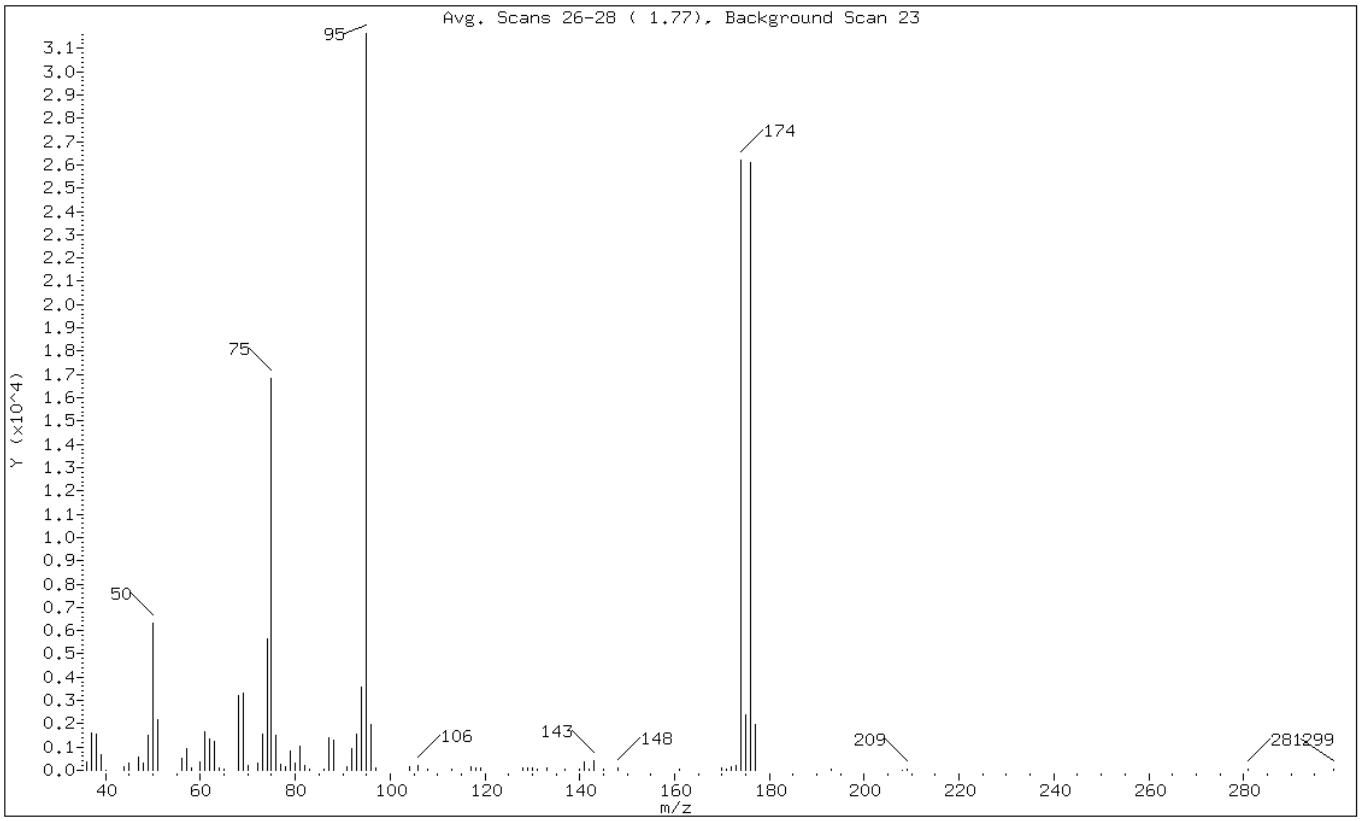
Data File: p44656.d

Date: 03-MAR-2011 00:44

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.04
75	30.00 - 60.00% of mass 95	53.12
96	5.00 - 9.00% of mass 95	6.30
173	Less than 2.00% of mass 174	0.64 (0.78)
174	50.00 - 100.00% of mass 95	82.84
175	5.00 - 9.00% of mass 174	7.45 (9.00)
176	95.00 - 101.00% of mass 174	82.49 (99.58)
177	5.00 - 9.00% of mass 176	6.18 (7.49)

Data File: p44656.d

Date: 03-MAR-2011 00:44

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/03-03-11/03mar11.b/p44656.d
Spectrum: Avg. Scans 26-28 (1.77), Background Scan 23
Location of Maximum: 95.00
Number of points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	366	65.00	47	92.00	929	141.00	358
37.00	1629	68.00	3217	93.00	1575	142.00	36
38.00	1556	69.00	3335	94.00	3595	143.00	407
39.00	656	70.00	227	95.00	31640	145.00	33
40.00	19	72.00	329	96.00	1993	148.00	93
44.00	164	73.00	1568	97.00	100	161.00	56
45.00	330	74.00	5633	104.00	137	170.00	78
47.00	575	75.00	16808	106.00	194	171.00	49
48.00	310	76.00	1495	108.00	38	172.00	162
49.00	1497	77.00	248	113.00	66	173.00	204
50.00	6340	78.00	146	117.00	165	174.00	26208
51.00	2173	79.00	812	118.00	83	175.00	2358
56.00	521	80.00	303	119.00	94	176.00	26096
57.00	924	81.00	1046	128.00	121	177.00	1954
58.00	86	82.00	202	129.00	86	193.00	35
60.00	344	83.00	42	130.00	93	208.00	17
61.00	1667	86.00	47	131.00	45	209.00	37
62.00	1343	87.00	1411	133.00	127	281.00	47
63.00	1256	88.00	1312	137.00	59	299.00	39
64.00	83	91.00	177	140.00	36		

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45572.d
Report Date: 30-Mar-2011 09:33

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45572.d
Lab Smp Id: BFB
Inj Date : 30-MAR-2011 09:28
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/VOABFB.m
Meth Date : 02-Jul-2010 09:13 desais Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
1.742	1.700 (0.000)	95	7788			0.00- 100.00	100.00
1.742	1.700 (0.000)	50	1355			15.00- 40.00	17.40
1.742	1.700 (0.000)	75	4146			30.00- 60.00	53.24
1.742	1.700 (0.000)	96	693			5.00- 9.00	8.90
1.742	1.700 (0.000)	173	75			0.00- 2.00	0.98
1.742	1.700 (0.000)	174	7643			50.00- 100.00	98.14
1.742	1.700 (0.000)	175	584			5.00- 9.00	7.64
1.742	1.700 (0.000)	176	7526			95.00- 101.00	98.47
1.742	1.700 (0.000)	177	379			5.00- 9.00	5.04

Data File: p45572.d

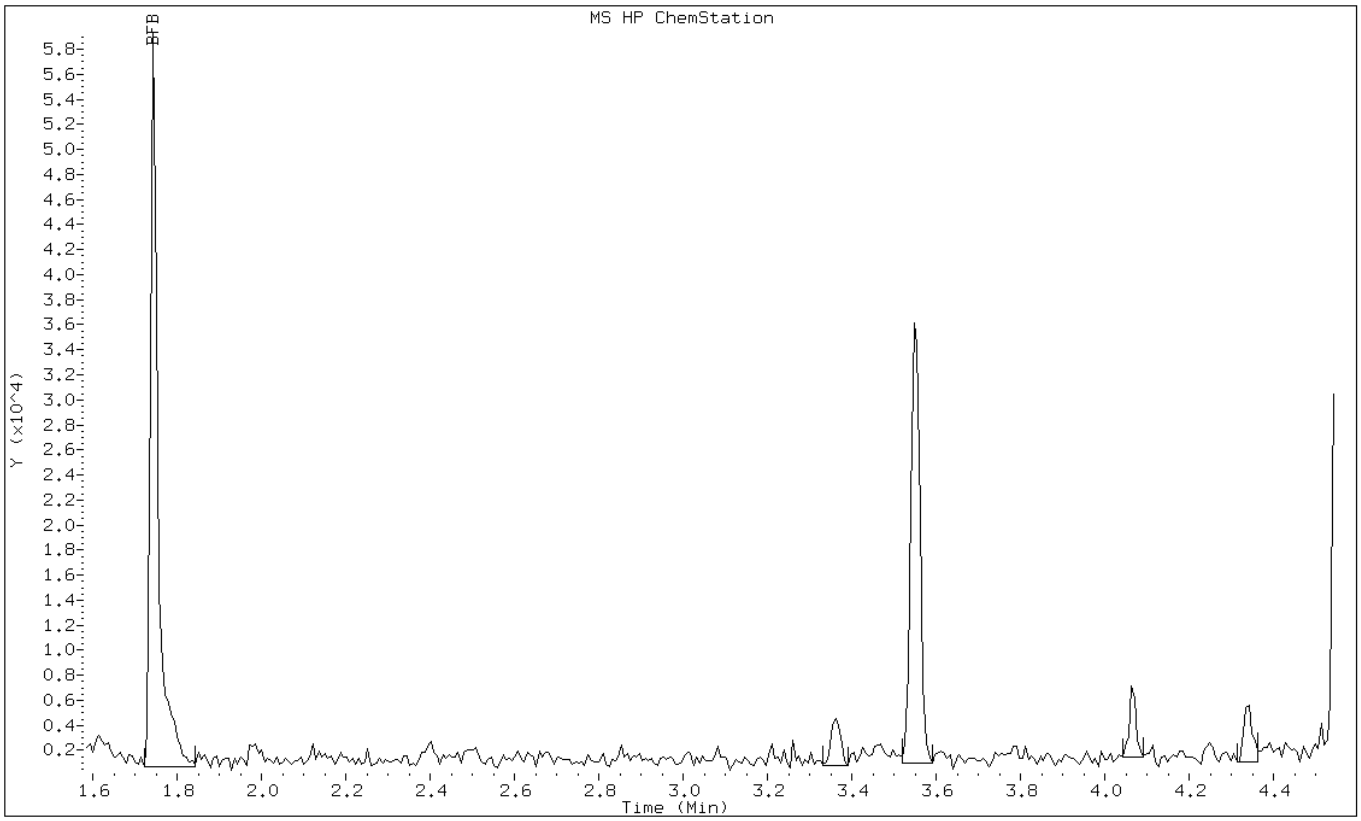
Date: 30-MAR-2011 09:28

Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1



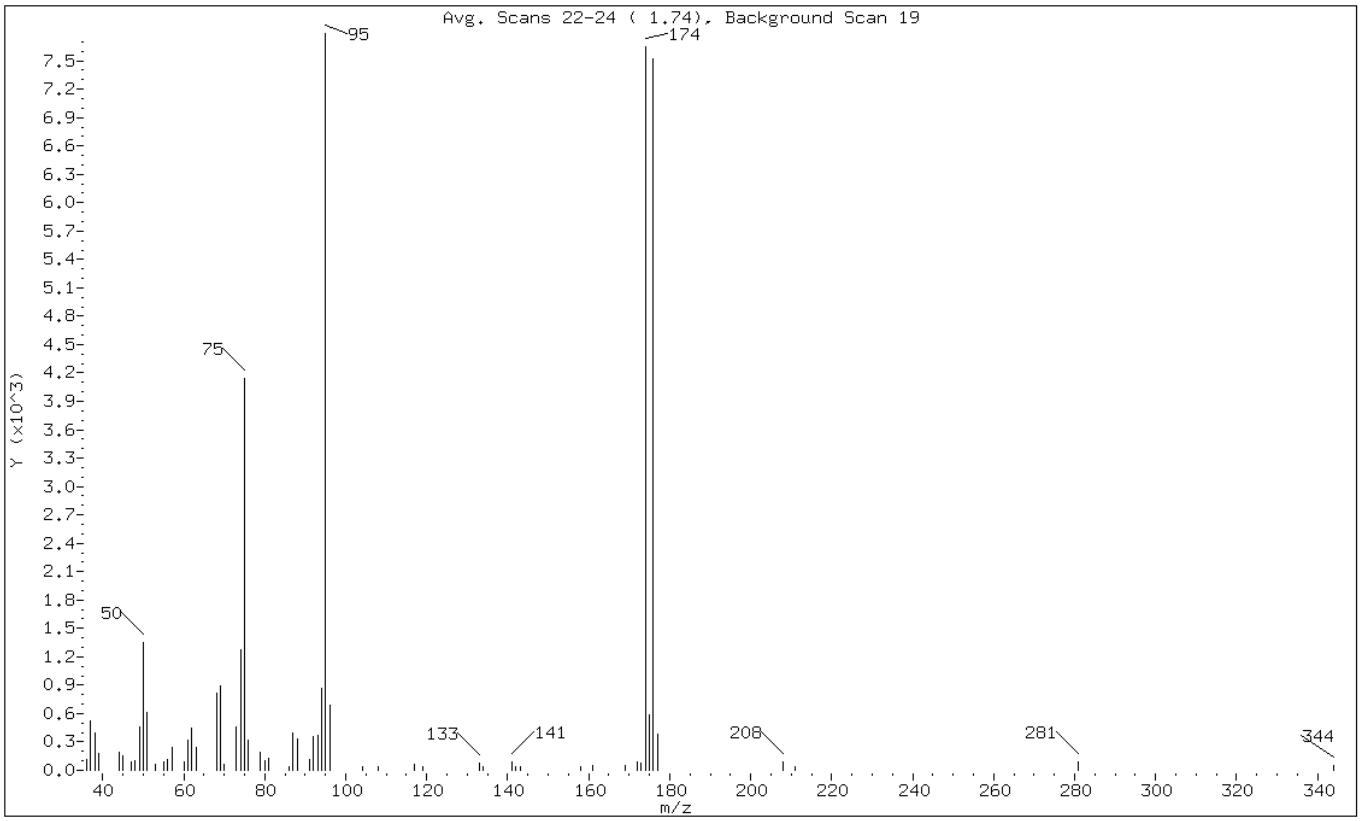
Data File: p45572.d

Date: 30-MAR-2011 09:28

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.40
75	30.00 - 60.00% of mass 95	53.24
96	5.00 - 9.00% of mass 95	8.90
173	Less than 2.00% of mass 174	0.96 (0.98)
174	50.00 - 100.00% of mass 95	98.14
175	5.00 - 9.00% of mass 174	7.50 (7.64)
176	95.00 - 101.00% of mass 174	96.64 (98.47)
177	5.00 - 9.00% of mass 176	4.87 (5.04)

Data File: p45572.d

Date: 30-MAR-2011 09:28

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45572.d
Spectrum: Avg. Scans 22-24 (1.74), Background Scan 19
Location of Maximum: 95.00
Number of points: 60

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	112	61.00	319	91.00	110	161.00	53
37.00	517	62.00	449	92.00	363	169.00	56
38.00	395	63.00	247	93.00	375	172.00	89
39.00	174	68.00	822	94.00	866	173.00	75
44.00	196	69.00	886	95.00	7788	174.00	7643
45.00	155	70.00	68	96.00	693	175.00	584
47.00	84	73.00	457	104.00	34	176.00	7526
48.00	106	74.00	1275	108.00	40	177.00	379
49.00	458	75.00	4146	117.00	65	208.00	84
50.00	1355	76.00	321	119.00	44	211.00	35
51.00	613	79.00	194	133.00	75	281.00	93
53.00	67	80.00	103	134.00	36	344.00	47
55.00	87	81.00	122	141.00	86		
56.00	116	86.00	42	142.00	37		
57.00	239	87.00	393	143.00	40		
60.00	90	88.00	333	158.00	35		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/02-08-11/08feb11.b/j97499.d
Lab Smp Id: BFB
Inj Date : 08-FEB-2011 06:28
Operator : VOAMS 1 Inst ID: VOAMS8.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/08feb11.b/8260BFB.m
Meth Date : 03-Nov-2009 21:56 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
6.998	7.025 (0.000)	95	70264			0.00- 100.00	100.00
6.998	7.025 (0.000)	50	15119			15.00- 40.00	21.52
6.998	7.025 (0.000)	75	32680			30.00- 60.00	46.51
6.998	7.025 (0.000)	96	4279			5.00- 9.00	6.09
6.998	7.025 (0.000)	173	0			0.00- 2.00	0.00
6.998	7.025 (0.000)	174	50816			50.00- 100.00	72.32
6.998	7.025 (0.000)	175	3910			5.00- 9.00	7.69
6.998	7.025 (0.000)	176	49984			95.00- 101.00	98.36
6.998	7.025 (0.000)	177	3607			5.00- 9.00	7.22

Data File: j97499.d

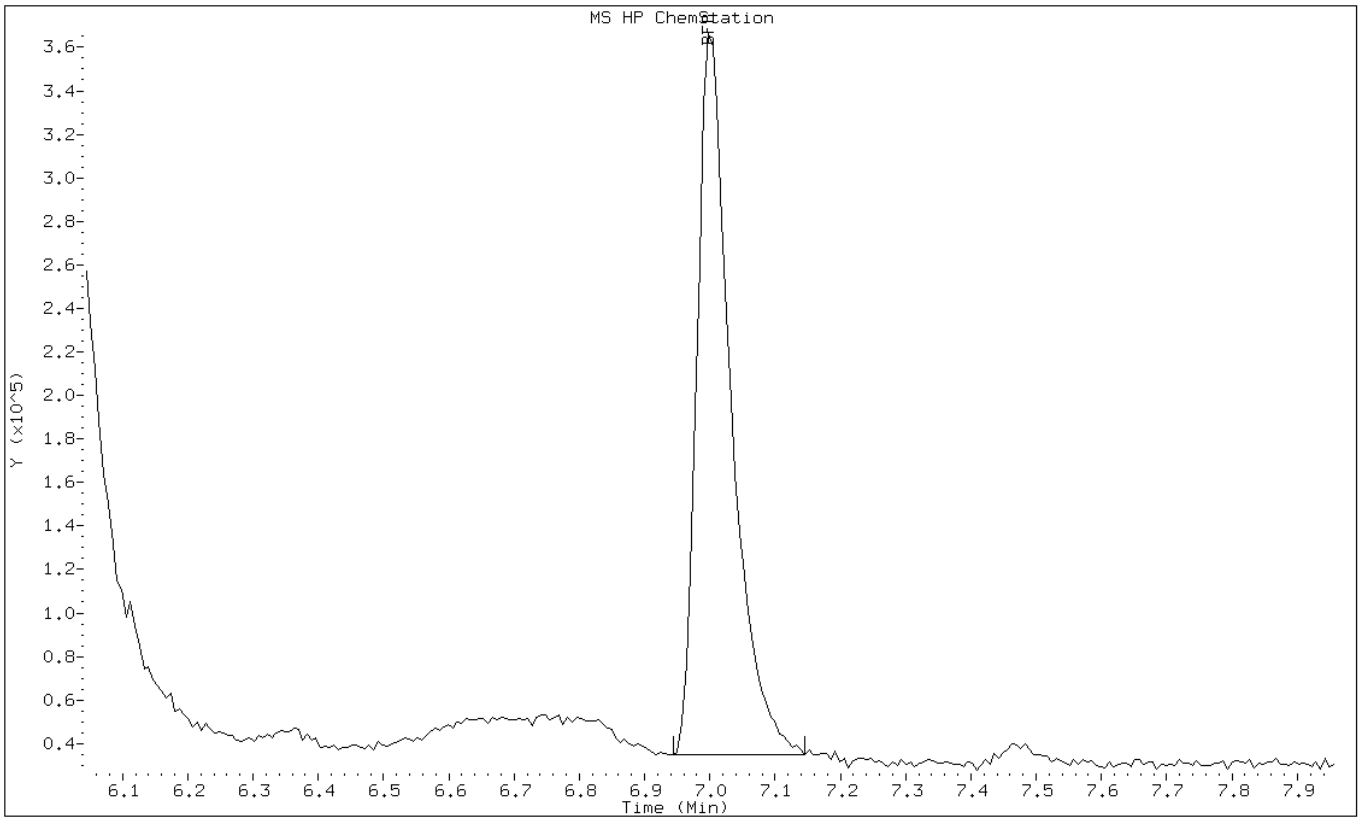
Date: 08-FEB-2011 06:28

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



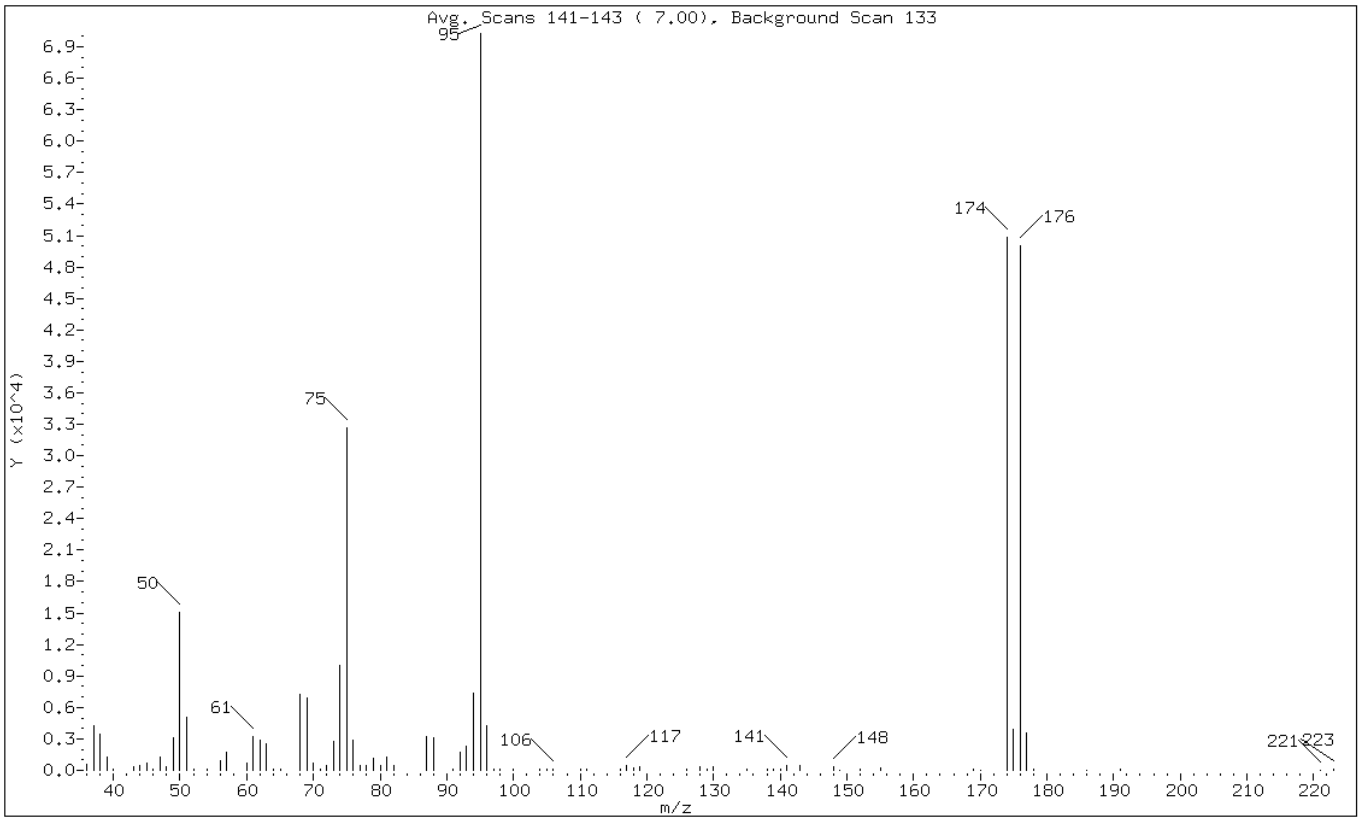
Data File: j97499.d

Date: 08-FEB-2011 06:28

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.52
75	30.00 - 60.00% of mass 95	46.51
96	5.00 - 9.00% of mass 95	6.09
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	72.32
175	5.00 - 9.00% of mass 174	5.56 (7.69)
176	95.00 - 101.00% of mass 174	71.14 (98.36)
177	5.00 - 9.00% of mass 176	5.13 (7.22)

Data File: j97499.d

Date: 08-FEB-2011 06:28

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/02-08-11/08feb11.b/j97499.d
Spectrum: Avg. Scans 141-143 (7.00), Background Scan 133
Location of Maximum: 95.00
Number of points: 84

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	531	64.00	76	94.00	7399	140.00	72
37.00	4261	65.00	128	95.00	70264	141.00	482
38.00	3461	68.00	7202	96.00	4279	143.00	452
39.00	1312	69.00	6906	97.00	80	148.00	374
40.00	73	70.00	700	98.00	68	149.00	45
43.00	395	71.00	158	100.00	71	152.00	77
44.00	491	72.00	496	104.00	137	155.00	197
45.00	657	73.00	2727	105.00	94	169.00	66
46.00	75	74.00	10057	106.00	165	170.00	34
47.00	1216	75.00	32680	110.00	72	174.00	50816
48.00	398	76.00	2867	111.00	69	175.00	3910
49.00	3051	77.00	465	116.00	90	176.00	49984
50.00	15119	78.00	443	117.00	438	177.00	3607
51.00	5008	79.00	1195	118.00	283	178.00	77
52.00	110	80.00	410	119.00	338	186.00	45
54.00	68	81.00	1250	126.00	72	191.00	99
56.00	876	82.00	405	128.00	346	221.00	39
57.00	1682	87.00	3268	129.00	93	223.00	104
60.00	673	88.00	3108	130.00	364		
61.00	3163	91.00	164	135.00	168		
62.00	2872	92.00	1715	138.00	72		
63.00	2491	93.00	2266	139.00	171		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98564.d
Lab Smp Id: BFB
Inj Date : 23-MAR-2011 07:06
Operator : VOAMS 1 Inst ID: VOAMS8.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/8260BFB.m
Meth Date : 03-Nov-2009 21:56 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
7.006	7.025 (0.000)	95	64381			0.00- 100.00	100.00
7.006	7.025 (0.000)	50	13615			15.00- 40.00	21.15
7.006	7.025 (0.000)	75	30968			30.00- 60.00	48.10
7.006	7.025 (0.000)	96	4619			5.00- 9.00	7.17
7.006	7.025 (0.000)	173	308			0.00- 2.00	0.71
7.006	7.025 (0.000)	174	43242			50.00- 100.00	67.17
7.006	7.025 (0.000)	175	3275			5.00- 9.00	7.57
7.006	7.025 (0.000)	176	43306			95.00- 101.00	100.15
7.006	7.025 (0.000)	177	2813			5.00- 9.00	6.50

Data File: j98564.d

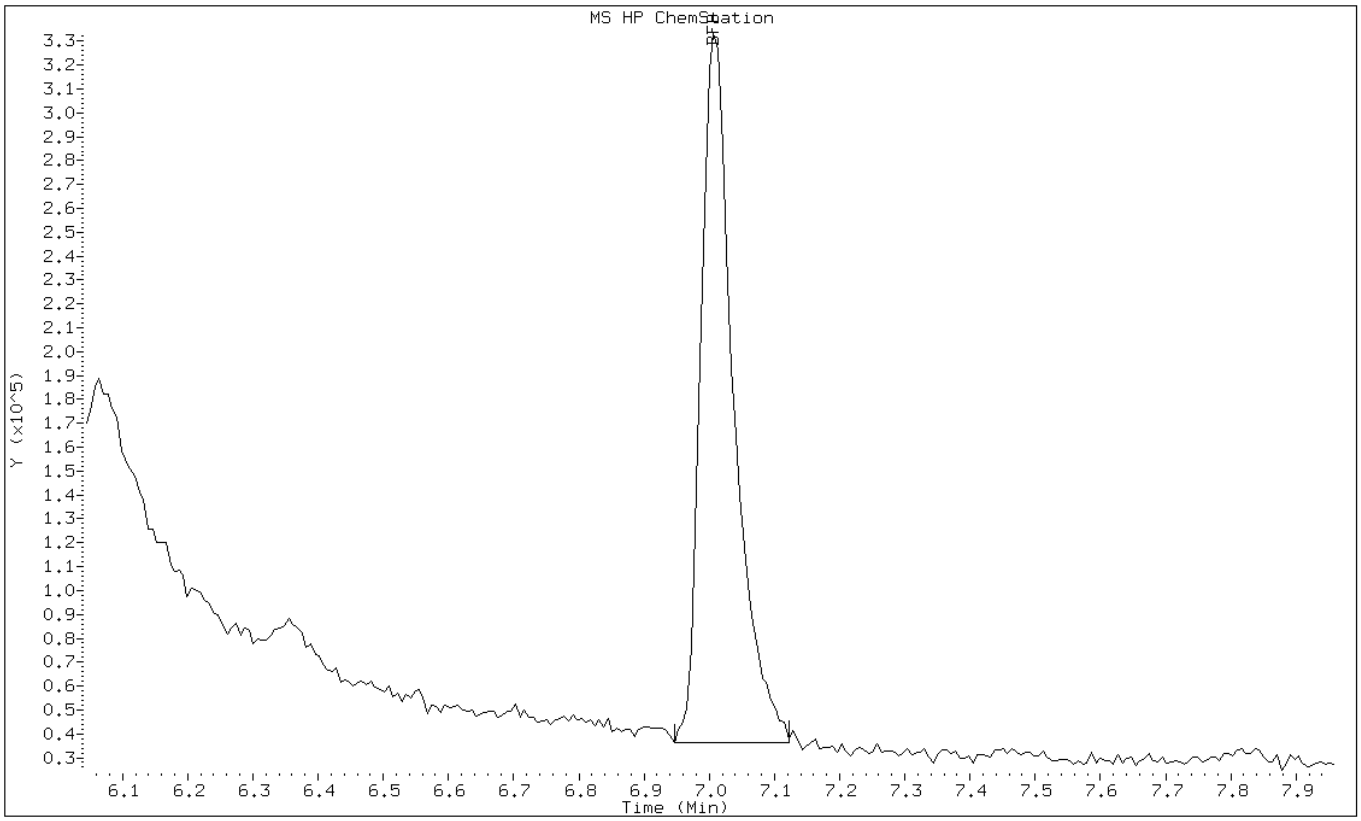
Date: 23-MAR-2011 07:06

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



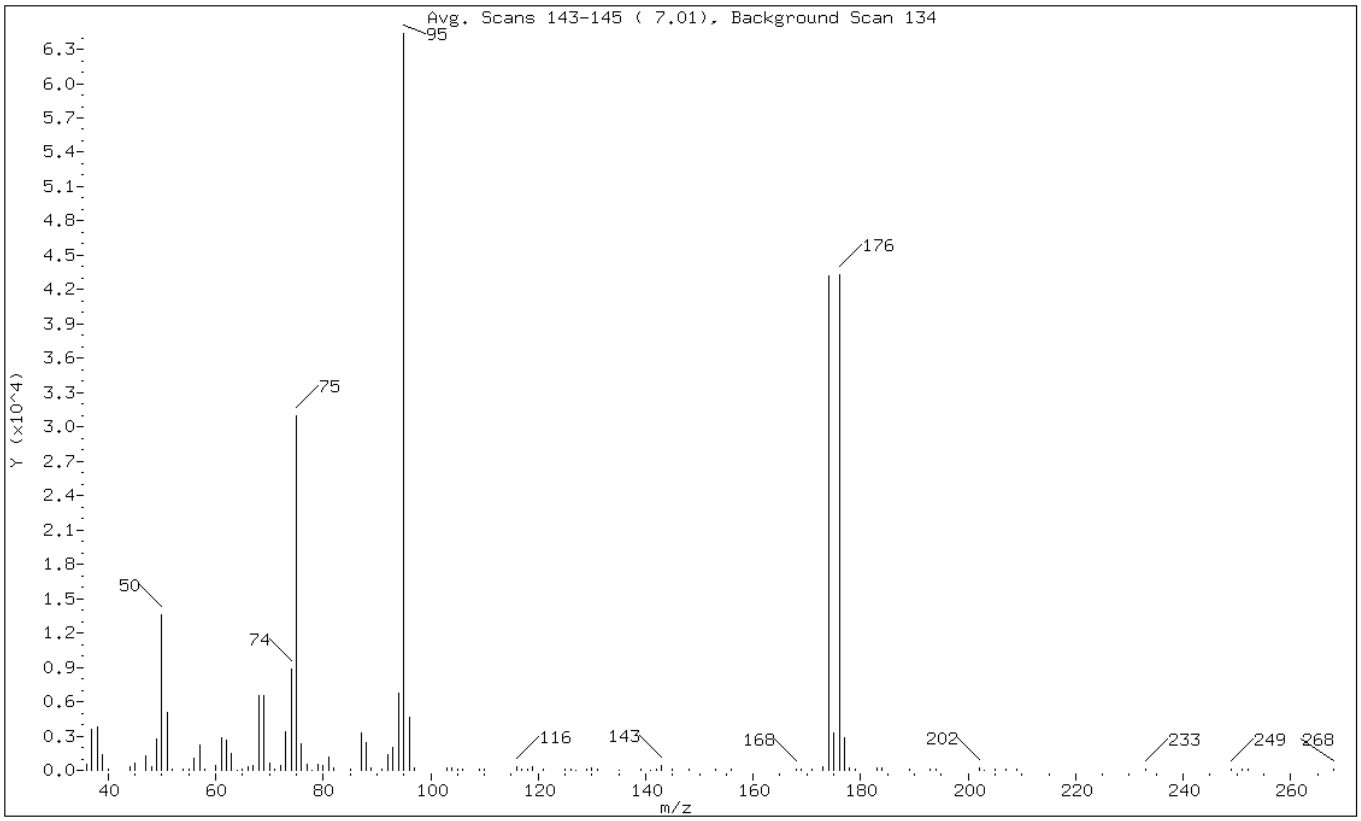
Data File: j98564.d

Date: 23-MAR-2011 07:06

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.15
75	30.00 - 60.00% of mass 95	48.10
96	5.00 - 9.00% of mass 95	7.17
173	Less than 2.00% of mass 174	0.48 (0.71)
174	50.00 - 100.00% of mass 95	67.17
175	5.00 - 9.00% of mass 174	5.09 (7.57)
176	95.00 - 101.00% of mass 174	67.27 (100.15)
177	5.00 - 9.00% of mass 176	4.37 (6.50)

Data File: j98564.d

Date: 23-MAR-2011 07:06

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98564.d
Spectrum: Avg. Scans 143-145 (7.01), Background Scan 134
Location of Maximum: 95.00
Number of points: 103

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	579	68.00	6494	103.00	193	168.00	155
37.00	3607	69.00	6542	104.00	182	169.00	104
38.00	3825	70.00	611	105.00	68	171.00	79
39.00	1356	71.00	77	106.00	156	173.00	308
40.00	141	72.00	416	109.00	84	174.00	43240
44.00	330	73.00	3319	110.00	68	175.00	3275
45.00	606	74.00	8893	116.00	301	176.00	43304
47.00	1229	75.00	30968	117.00	149	177.00	2813
48.00	362	76.00	2367	118.00	87	178.00	257
49.00	2707	77.00	545	119.00	288	179.00	83
50.00	13615	78.00	9	121.00	71	183.00	182
51.00	5064	79.00	577	125.00	88	184.00	172
52.00	118	80.00	417	126.00	106	189.00	78
54.00	74	81.00	1183	127.00	39	193.00	97
55.00	125	82.00	256	129.00	79	194.00	68
56.00	1034	85.00	81	130.00	186	202.00	208
57.00	2257	87.00	3262	131.00	67	203.00	1
58.00	107	88.00	2398	135.00	40	205.00	72
60.00	434	89.00	239	139.00	87	207.00	58
61.00	2873	91.00	107	141.00	51	209.00	54
62.00	2620	92.00	1395	142.00	101	233.00	117
63.00	1514	93.00	1984	143.00	388	249.00	91
64.00	13	94.00	6739	145.00	73	251.00	80
65.00	104	95.00	64376	148.00	87	252.00	70
66.00	312	96.00	4619	153.00	69	268.00	146
67.00	394	97.00	195	156.00	107		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98615.d
Lab Smp Id: BFB
Inj Date : 24-MAR-2011 08:56
Operator : VOAMS 1 Inst ID: VOAMS8.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260BFB.m
Meth Date : 03-Nov-2009 21:56 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

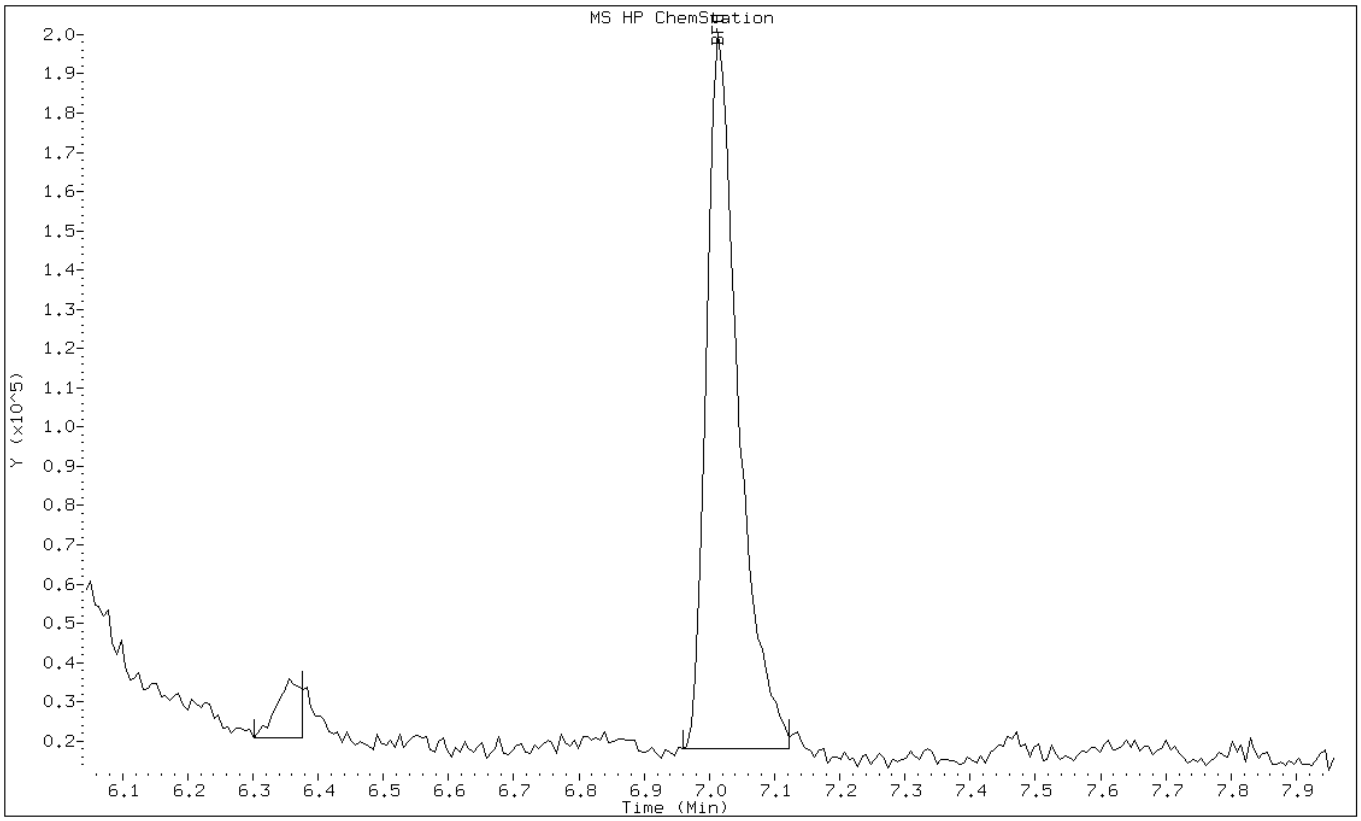
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
7.013	7.025 (0.000)	95	36401			0.00- 100.00	100.00
7.013	7.025 (0.000)	50	8061			15.00- 40.00	22.14
7.013	7.025 (0.000)	75	18221			30.00- 60.00	50.06
7.013	7.025 (0.000)	96	2816			5.00- 9.00	7.74
7.013	7.025 (0.000)	173	178			0.00- 2.00	0.65
7.013	7.025 (0.000)	174	27200			50.00- 100.00	74.72
7.013	7.025 (0.000)	175	2234			5.00- 9.00	8.21
7.013	7.025 (0.000)	176	25970			95.00- 101.00	95.48
7.013	7.025 (0.000)	177	1739			5.00- 9.00	6.70

Data File: j98615.d

Date: 24-MAR-2011 08:56

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1



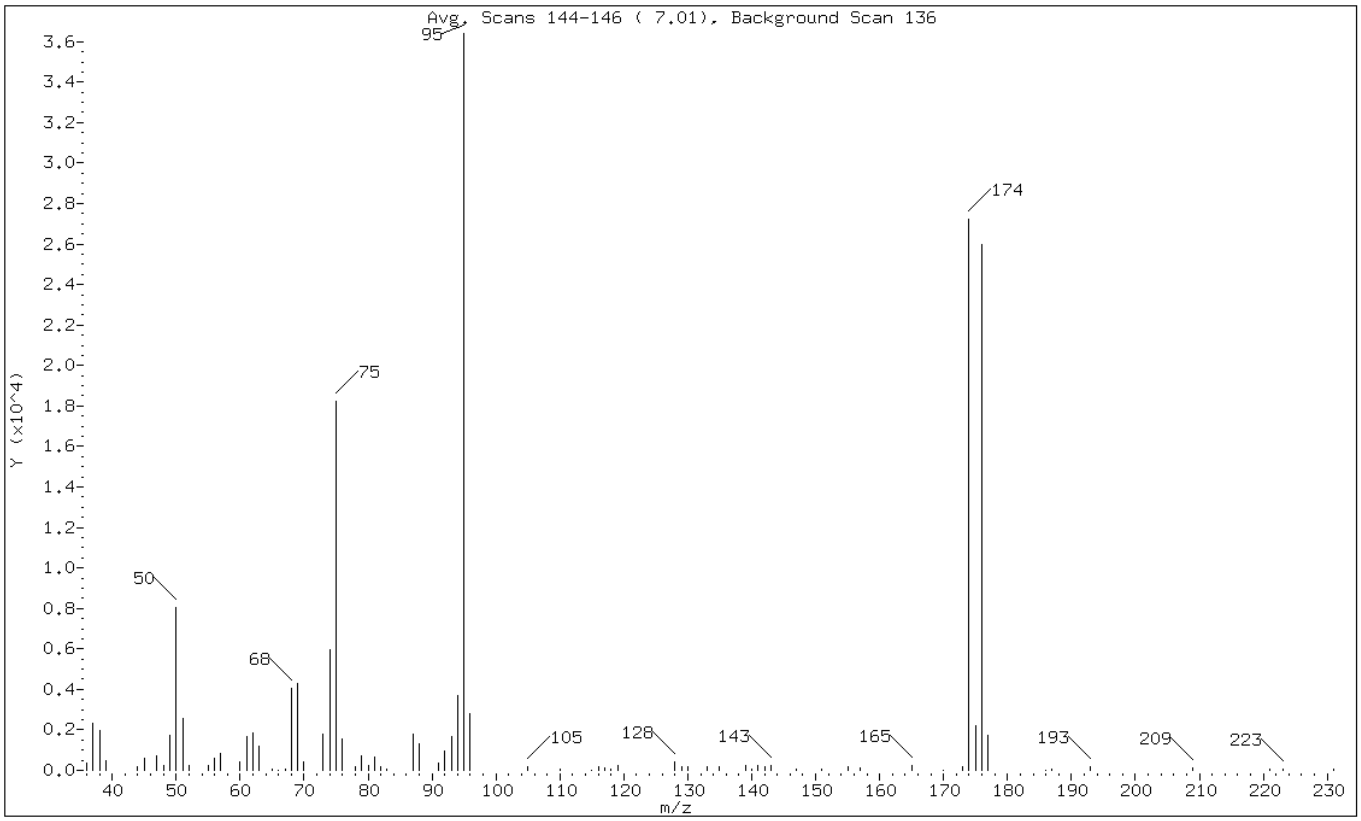
Data File: j98615.d

Date: 24-MAR-2011 08:56

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	22.14
75	30.00 - 60.00% of mass 95	50.06
96	5.00 - 9.00% of mass 95	7.74
173	Less than 2.00% of mass 174	0.49 (0.65)
174	50.00 - 100.00% of mass 95	74.72
175	5.00 - 9.00% of mass 174	6.14 (8.21)
176	95.00 - 101.00% of mass 174	71.34 (95.48)
177	5.00 - 9.00% of mass 176	4.78 (6.70)

Data File: j98615.d

Date: 24-MAR-2011 08:56

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98615.d
Spectrum: Avg. Scans 144-146 (7.01), Background Scan 136
Location of Maximum: 95.00
Number of points: 78

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	380	66.00	16	94.00	3677	147.00	79
37.00	2309	67.00	85	95.00	36400	151.00	73
38.00	1948	68.00	4058	96.00	2816	155.00	168
39.00	473	69.00	4315	105.00	168	157.00	136
44.00	187	70.00	393	110.00	69	165.00	228
45.00	602	73.00	1766	115.00	26	170.00	17
47.00	716	74.00	5952	116.00	157	173.00	178
48.00	224	75.00	18216	117.00	107	174.00	27200
49.00	1708	76.00	1572	118.00	68	175.00	2234
50.00	8061	78.00	166	119.00	215	176.00	25968
51.00	2568	79.00	729	128.00	442	177.00	1739
52.00	255	80.00	265	129.00	185	186.00	14
55.00	223	81.00	660	130.00	150	187.00	88
56.00	621	82.00	154	133.00	191	193.00	197
57.00	859	83.00	72	135.00	180	209.00	102
60.00	389	87.00	1775	139.00	213	221.00	73
61.00	1677	88.00	1284	140.00	78	223.00	75
62.00	1868	91.00	344	141.00	226	231.00	75
63.00	1207	92.00	969	142.00	170		
65.00	30	93.00	1671	143.00	242		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98658.d
Lab Smp Id: BFB
Inj Date : 25-MAR-2011 09:26
Operator : VOAMS 1 Inst ID: VOAMS8.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/8260BFB.m
Meth Date : 03-Nov-2009 21:56 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
6.982	7.025 (0.000)	95	35194			0.00- 100.00	100.00
6.982	7.025 (0.000)	50	8137			15.00- 40.00	23.12
6.982	7.025 (0.000)	75	16572			30.00- 60.00	47.09
6.982	7.025 (0.000)	96	2720			5.00- 9.00	7.73
6.982	7.025 (0.000)	173	0			0.00- 2.00	0.00
6.982	7.025 (0.000)	174	25365			50.00- 100.00	72.07
6.982	7.025 (0.000)	175	1824			5.00- 9.00	7.19
6.982	7.025 (0.000)	176	24184			95.00- 101.00	95.34
6.982	7.025 (0.000)	177	1608			5.00- 9.00	6.65

Data File: j98658.d

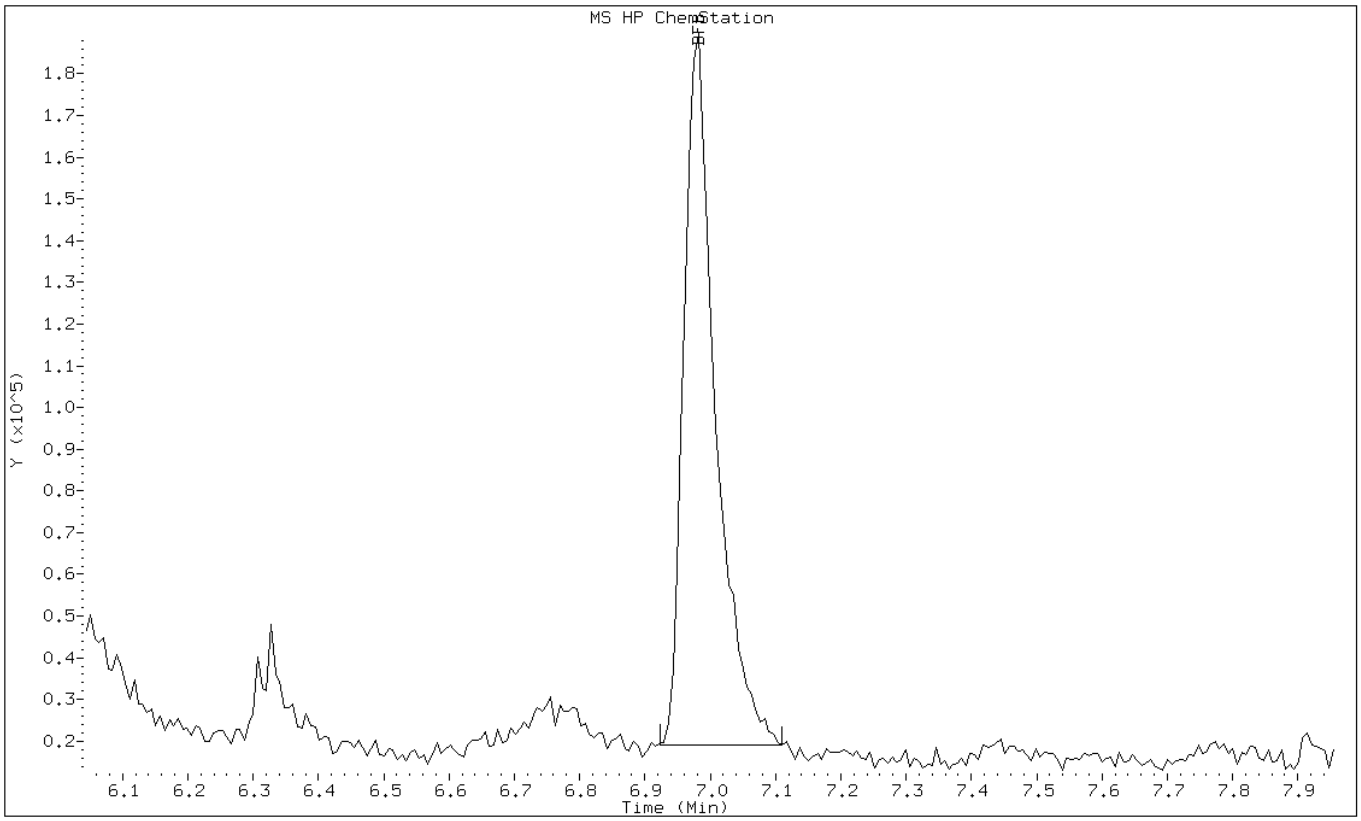
Date: 25-MAR-2011 09:26

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



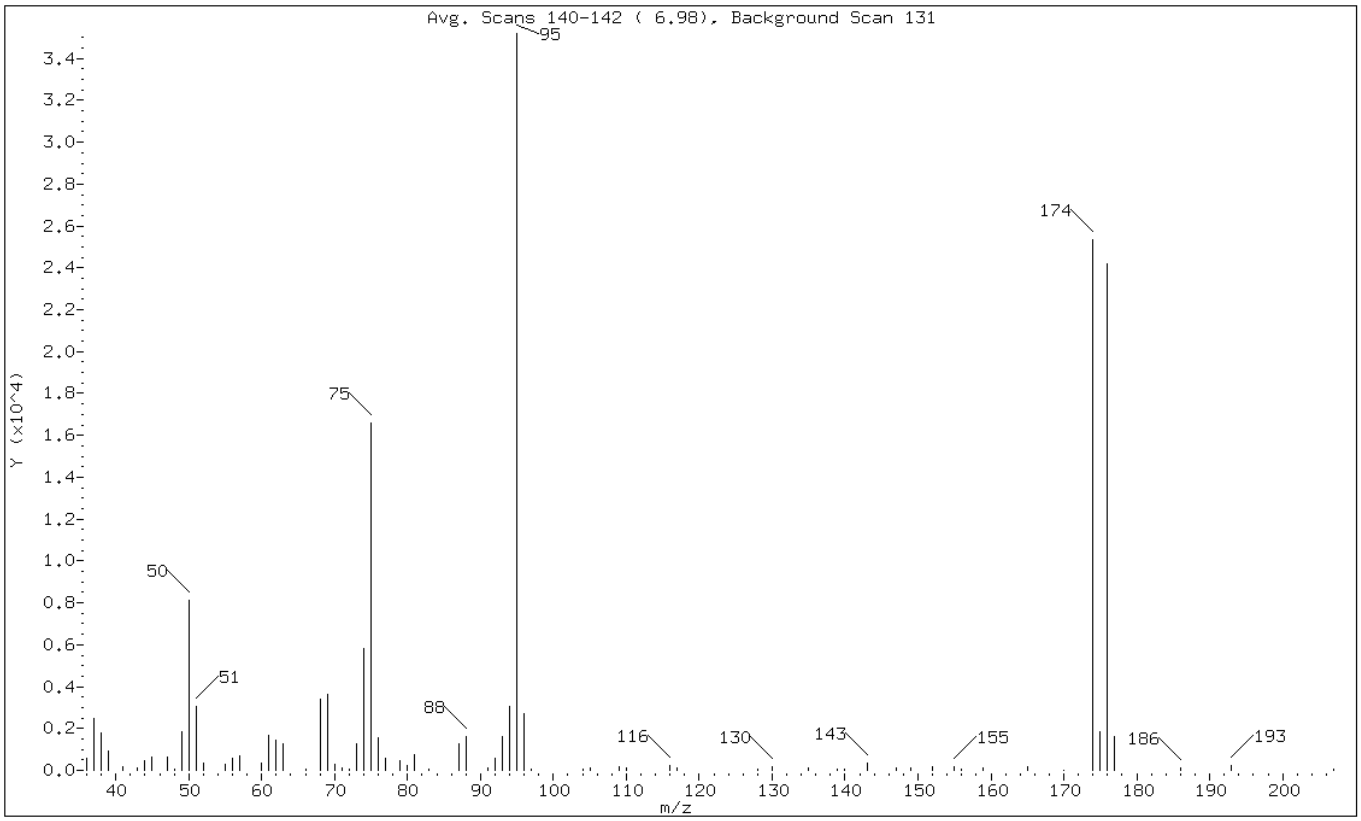
Data File: j98658.d

Date: 25-MAR-2011 09:26

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.12
75	30.00 - 60.00% of mass 95	47.09
96	5.00 - 9.00% of mass 95	7.73
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	72.07
175	5.00 - 9.00% of mass 174	5.18 (7.19)
176	95.00 - 101.00% of mass 174	68.72 (95.34)
177	5.00 - 9.00% of mass 176	4.57 (6.65)

Data File: j98658.d

Date: 25-MAR-2011 09:26

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98658.d
Spectrum: Avg. Scans 140-142 (6.98), Background Scan 131
Location of Maximum: 95.00
Number of points: 72

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	594	62.00	1452	91.00	88	147.00	101
37.00	2480	63.00	1265	92.00	596	149.00	88
38.00	1795	66.00	36	93.00	1616	152.00	164
39.00	907	68.00	3416	94.00	3052	155.00	166
41.00	177	69.00	3634	95.00	35192	156.00	71
43.00	142	70.00	290	96.00	2720	159.00	87
44.00	435	71.00	103	97.00	83	165.00	157
45.00	644	72.00	71	104.00	71	170.00	26
47.00	614	73.00	1257	105.00	99	174.00	25360
48.00	67	74.00	5809	109.00	178	175.00	1824
49.00	1844	75.00	16568	110.00	93	176.00	24184
50.00	8137	76.00	1583	116.00	216	177.00	1608
51.00	3032	77.00	579	117.00	142	186.00	113
52.00	360	79.00	441	128.00	84	193.00	246
55.00	289	80.00	226	130.00	179	207.00	31
56.00	581	81.00	749	135.00	136		
57.00	714	83.00	75	139.00	63		
60.00	343	87.00	1270	140.00	69		
61.00	1668	88.00	1619	143.00	330		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98776.d
Lab Smp Id: BFB
Inj Date : 31-MAR-2011 07:56
Operator : VOAMS 1 Inst ID: VOAMS8.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260BFB.m
Meth Date : 03-Nov-2009 21:56 sylvanus Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
6.997	7.025 (0.000)	95	34533			0.00- 100.00	100.00
6.997	7.025 (0.000)	50	7432			15.00- 40.00	21.52
6.997	7.025 (0.000)	75	15764			30.00- 60.00	45.65
6.997	7.025 (0.000)	96	2591			5.00- 9.00	7.50
6.997	7.025 (0.000)	173	74			0.00- 2.00	0.30
6.997	7.025 (0.000)	174	24962			50.00- 100.00	72.28
6.997	7.025 (0.000)	175	1963			5.00- 9.00	7.86
6.997	7.025 (0.000)	176	24093			95.00- 101.00	96.52
6.997	7.025 (0.000)	177	1526			5.00- 9.00	6.33

Data File: j98776.d

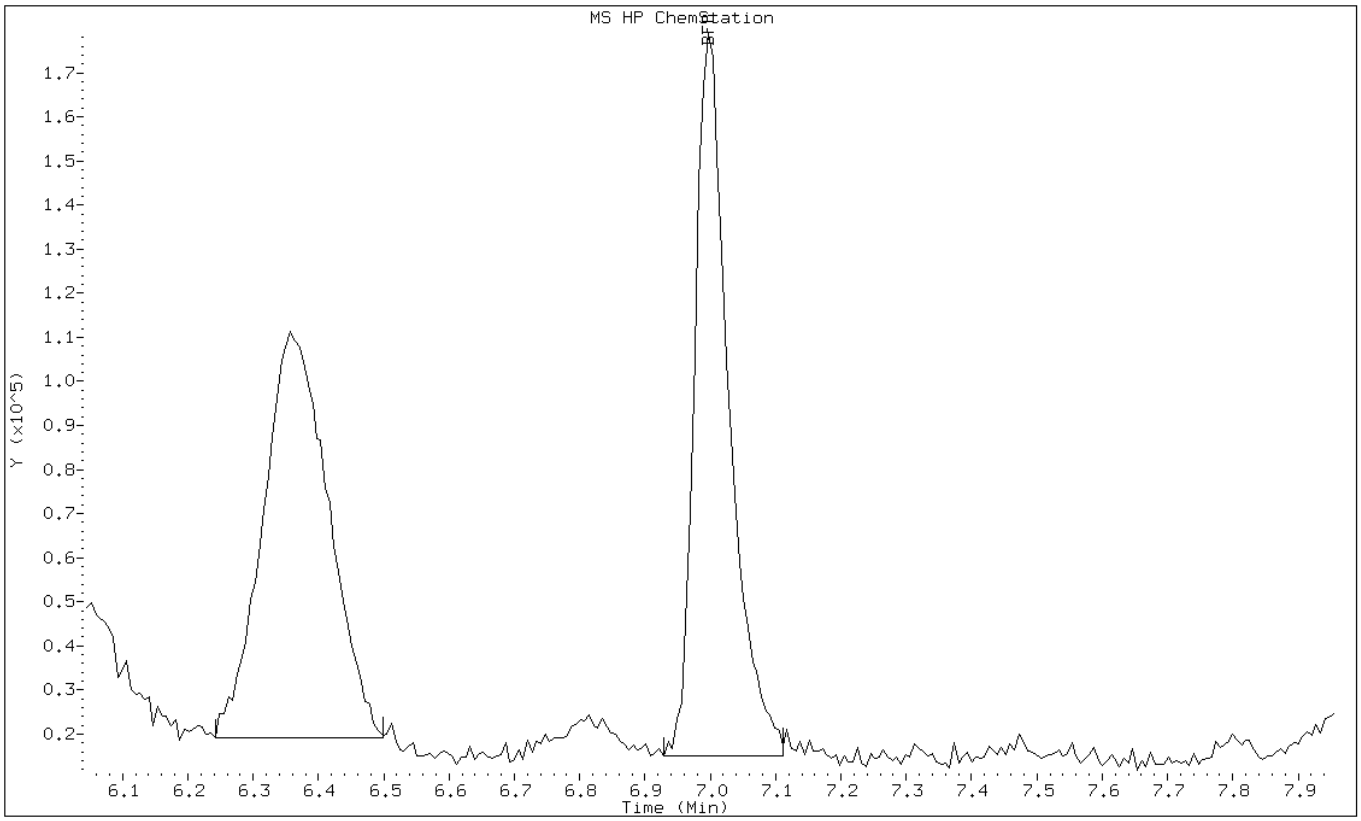
Date: 31-MAR-2011 07:56

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



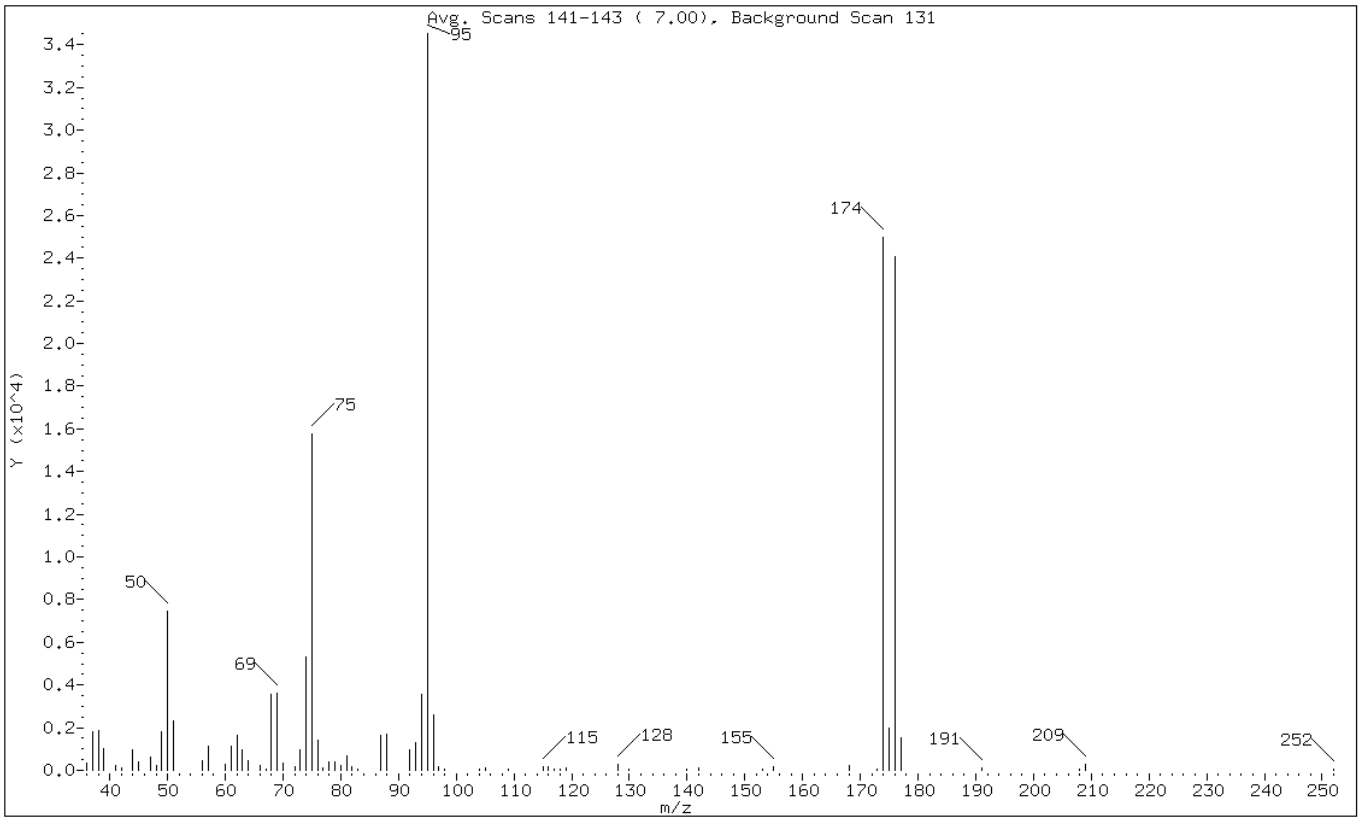
Data File: j98776.d

Date: 31-MAR-2011 07:56

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.52
75	30.00 - 60.00% of mass 95	45.65
96	5.00 - 9.00% of mass 95	7.50
173	Less than 2.00% of mass 174	0.21 (0.30)
174	50.00 - 100.00% of mass 95	72.28
175	5.00 - 9.00% of mass 174	5.68 (7.86)
176	95.00 - 101.00% of mass 174	69.77 (96.52)
177	5.00 - 9.00% of mass 176	4.42 (6.33)

Data File: j98776.d

Date: 31-MAR-2011 07:56

Client ID: Instrument: VOAMS8.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98776.d
Spectrum: Avg. Scans 141-143 (7.00), Background Scan 131
Location of Maximum: 95.00
Number of points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	342	63.00	944	83.00	79	128.00	277
37.00	1821	64.00	448	87.00	1649	130.00	80
38.00	1838	66.00	237	88.00	1690	140.00	67
39.00	1033	67.00	67	92.00	960	142.00	121
41.00	203	68.00	3573	93.00	1283	153.00	83
42.00	92	69.00	3595	94.00	3556	155.00	169
44.00	949	70.00	320	95.00	34528	168.00	198
45.00	368	72.00	163	96.00	2591	173.00	74
47.00	642	73.00	955	97.00	153	174.00	24960
48.00	237	74.00	5306	98.00	76	175.00	1963
49.00	1799	75.00	15764	104.00	83	176.00	24088
50.00	7432	76.00	1390	105.00	91	177.00	1526
51.00	2300	77.00	87	109.00	84	191.00	140
56.00	432	78.00	384	115.00	181	208.00	79
57.00	1142	79.00	411	116.00	167	209.00	276
60.00	307	80.00	229	117.00	69	252.00	69
61.00	1107	81.00	693	118.00	78		
62.00	1624	82.00	187	119.00	131		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68208/4

Matrix: Solid Lab File ID: j98569.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/23/2011 09:37

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68208 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	100	U	100	21
74-83-9	Bromomethane	100	U	100	31
75-01-4	Vinyl chloride	100	U	100	12
75-00-3	Chloroethane	100	U	100	45
75-09-2	Methylene Chloride	100	U	100	19
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
75-34-3	1,1-Dichloroethane	100	U	100	10
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
67-66-3	Chloroform	100	U	100	16
78-93-3	2-Butanone	1000	U	1000	82
107-06-2	1,2-Dichloroethane	100	U	100	25
71-55-6	1,1,1-Trichloroethane	100	U	100	25
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
75-25-2	Bromoform	100	U	100	9.9
100-42-5	Styrene	100	U	100	14
100-41-4	Ethylbenzene	100	U	100	25
108-90-7	Chlorobenzene	100	U	100	17
110-82-7	Cyclohexane	100	U	100	12
98-82-8	Isopropylbenzene	100	U	100	21
591-78-6	2-Hexanone	1000	U	1000	55
1634-04-4	MTBE	100	U	100	19
76-13-1	Freon TF	100	U	100	29
79-20-9	Methyl acetate	200	U	200	33
123-91-1	1,4-Dioxane	5000	U	5000	850
79-01-6	Trichloroethene	100	U	100	18
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
108-10-1	4-Methyl-2-pentanone	1000	U	1000	68
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
95-50-1	1,2-Dichlorobenzene	100	U	100	16
541-73-1	1,3-Dichlorobenzene	100	U	100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68208/4

Matrix: Solid | Lab File ID: j98569.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/23/2011 09:37

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 68208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44
87-61-6	1,2,3-Trichlorobenzene	100	U	100	83
78-87-5	1,2-Dichloropropane	100	U	100	8.7
108-87-2	Methylcyclohexane	100	U	100	8.0
127-18-4	Tetrachloroethene	100	U	100	20
1330-20-7	Xylenes, Total	300	U	300	43
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
124-48-1	Dibromochloromethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-97-5	Bromochloromethane	100	U	100	17
75-27-4	Bromodichloromethane	100	U	100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		57-135
2037-26-5	Toluene-d8 (Surr)	90		46-130
460-00-4	Bromofluorobenzene	98		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68208/4

Matrix: Solid Lab File ID: j98569.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/23/2011 09:37

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68208 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98569.d
Report Date: 29-Mar-2011 16:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98569.d
Lab Smp Id: MB
Inj Date : 23-MAR-2011 09:37
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/8260_09.m
Meth Date : 23-Mar-2011 08:26 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.493	7.462	(0.950)	464669	48.7023	4900
* 52 Fluorobenzene	96	7.891	7.875	(1.000)	1504880	50.0000	
$ 65 Toluene-d8 (SUR)	98	9.752	9.740	(0.859)	1196667	44.8459	4500
* 78 Chlorobenzene-d5	117	11.348	11.338	(1.000)	1141216	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	12.547	12.545	(0.910)	619584	48.8904	4900
* 108 1,4-Dichlorobenzene-d4	152	13.781	13.783	(1.000)	667868	50.0000	

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98569.d
Report Date: 29-Mar-2011 16:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98569.d
Lab Smp Id: MB
Inj Date : 23-MAR-2011 09:37
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/8260_09.m
Meth Date : 23-Mar-2011 08:26 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

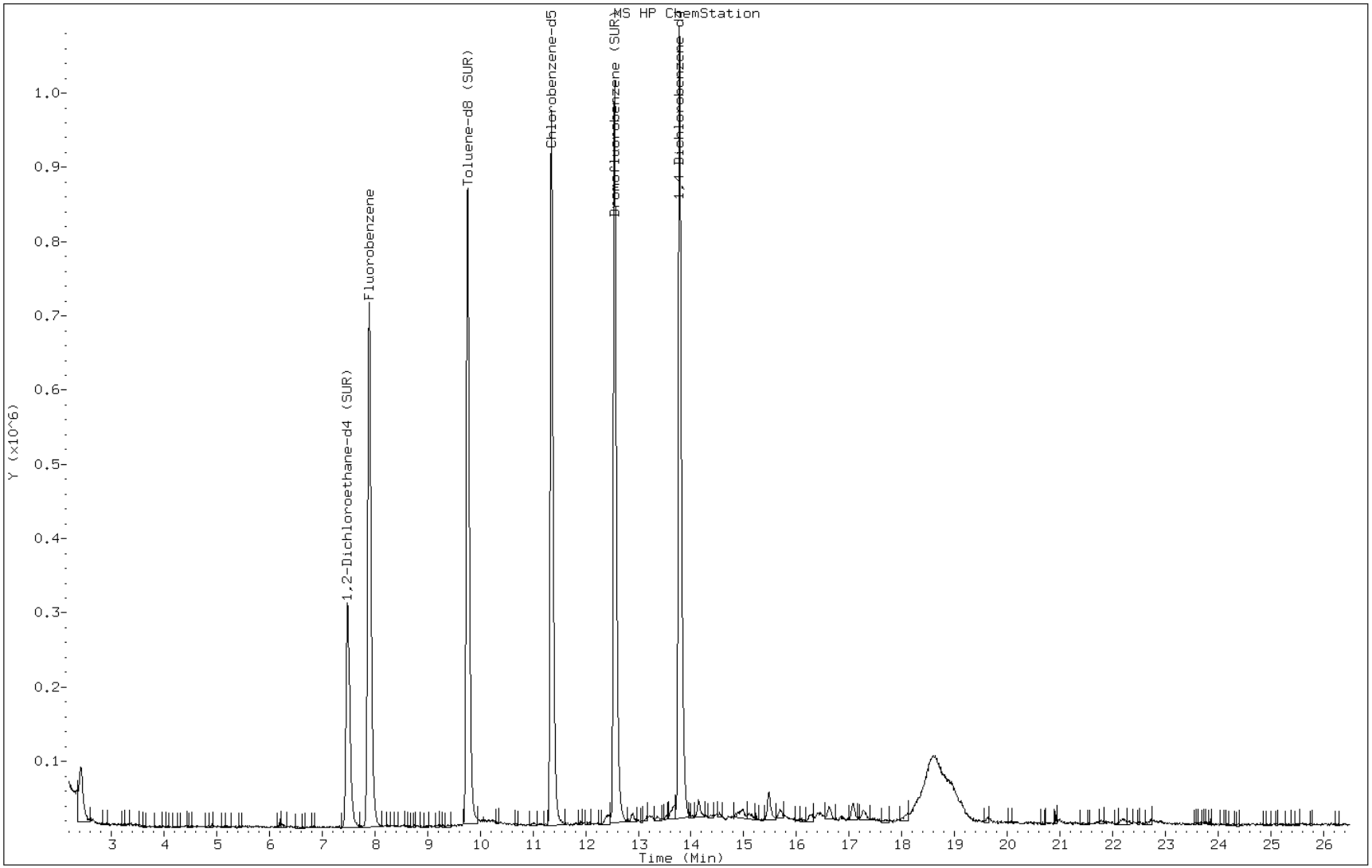
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j98569.d

Date: 23-MAR-2011 09:37

Client ID: Instrument: VOAMS8.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68358/4

Matrix: Solid Lab File ID: j98619.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/24/2011 10:56

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	100	U	100	21
74-83-9	Bromomethane	100	U	100	31
75-01-4	Vinyl chloride	100	U	100	12
75-00-3	Chloroethane	100	U	100	45
75-09-2	Methylene Chloride	100	U	100	19
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
75-34-3	1,1-Dichloroethane	100	U	100	10
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
67-66-3	Chloroform	100	U	100	16
78-93-3	2-Butanone	1000	U	1000	82
107-06-2	1,2-Dichloroethane	100	U	100	25
71-55-6	1,1,1-Trichloroethane	100	U	100	25
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
75-25-2	Bromoform	100	U	100	9.9
100-42-5	Styrene	100	U	100	14
100-41-4	Ethylbenzene	100	U	100	25
108-90-7	Chlorobenzene	100	U	100	17
110-82-7	Cyclohexane	100	U	100	12
98-82-8	Isopropylbenzene	100	U	100	21
591-78-6	2-Hexanone	1000	U	1000	55
1634-04-4	MTBE	100	U	100	19
76-13-1	Freon TF	100	U	100	29
79-20-9	Methyl acetate	200	U	200	33
123-91-1	1,4-Dioxane	5000	U	5000	850
79-01-6	Trichloroethene	100	U	100	18
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
108-10-1	4-Methyl-2-pentanone	1000	U	1000	68
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
95-50-1	1,2-Dichlorobenzene	100	U	100	16
541-73-1	1,3-Dichlorobenzene	100	U	100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68358/4

Matrix: Solid | Lab File ID: j98619.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/24/2011 10:56

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44
87-61-6	1,2,3-Trichlorobenzene	100	U	100	83
78-87-5	1,2-Dichloropropane	100	U	100	8.7
108-87-2	Methylcyclohexane	100	U	100	8.0
127-18-4	Tetrachloroethene	100	U	100	20
1330-20-7	Xylenes, Total	300	U	300	43
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
124-48-1	Dibromochloromethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-97-5	Bromochloromethane	100	U	100	17
75-27-4	Bromodichloromethane	100	U	100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		57-135
2037-26-5	Toluene-d8 (Surr)	102		46-130
460-00-4	Bromofluorobenzene	116		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68358/4

Matrix: Solid Lab File ID: j98619.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/24/2011 10:56

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98619.d
Report Date: 24-Mar-2011 11:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98619.d
Lab Smp Id: MB
Inj Date : 24-MAR-2011 10:56
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.492	7.474	(0.948)	431948	55.8181	5600
* 52 Fluorobenzene	96	7.904	7.883	(1.000)	1220574	50.0000	
$ 65 Toluene-d8 (SUR)	98	9.761	9.748	(0.859)	1100145	50.7791	5100
* 78 Chlorobenzene-d5	117	11.357	11.346	(1.000)	926578	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	12.551	12.550	(0.910)	563489	58.2153	5800
* 108 1,4-Dichlorobenzene-d4	152	13.793	13.789	(1.000)	510108	50.0000	

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98619.d
Report Date: 24-Mar-2011 11:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98619.d
Lab Smp Id: MB
Inj Date : 24-MAR-2011 10:56
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

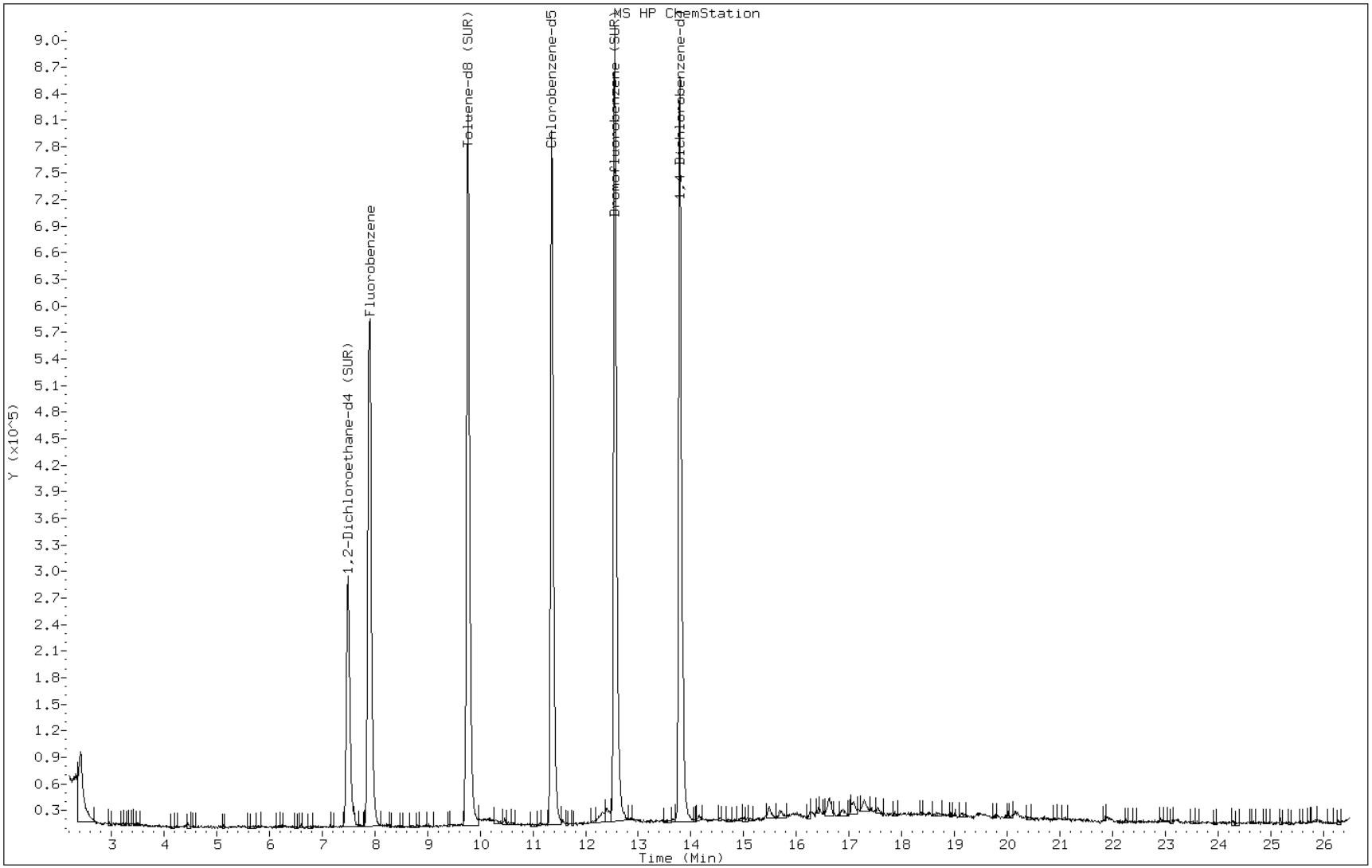
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j98619.d

Date: 24-MAR-2011 10:56

Client ID: Instrument: VOAMS8.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68512/4

Matrix: Solid | Lab File ID: j98663.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/25/2011 12:48

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 68512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	100	U	100	21
74-83-9	Bromomethane	100	U	100	31
75-01-4	Vinyl chloride	100	U	100	12
75-00-3	Chloroethane	100	U	100	45
75-09-2	Methylene Chloride	100	U	100	19
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
75-34-3	1,1-Dichloroethane	100	U	100	10
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
67-66-3	Chloroform	100	U	100	16
78-93-3	2-Butanone	1000	U	1000	82
107-06-2	1,2-Dichloroethane	100	U	100	25
71-55-6	1,1,1-Trichloroethane	100	U	100	25
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
75-25-2	Bromoform	100	U	100	9.9
100-42-5	Styrene	100	U	100	14
100-41-4	Ethylbenzene	100	U	100	25
108-90-7	Chlorobenzene	100	U	100	17
110-82-7	Cyclohexane	100	U	100	12
98-82-8	Isopropylbenzene	100	U	100	21
591-78-6	2-Hexanone	1000	U	1000	55
1634-04-4	MTBE	100	U	100	19
76-13-1	Freon TF	100	U	100	29
79-20-9	Methyl acetate	200	U	200	33
123-91-1	1,4-Dioxane	5000	U	5000	850
79-01-6	Trichloroethene	100	U	100	18
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
108-10-1	4-Methyl-2-pentanone	1000	U	1000	68
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
95-50-1	1,2-Dichlorobenzene	100	U	100	16
541-73-1	1,3-Dichlorobenzene	100	U	100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68512/4

Matrix: Solid | Lab File ID: j98663.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/25/2011 12:48

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 68512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44
87-61-6	1,2,3-Trichlorobenzene	100	U	100	83
78-87-5	1,2-Dichloropropane	100	U	100	8.7
108-87-2	Methylcyclohexane	100	U	100	8.0
127-18-4	Tetrachloroethene	100	U	100	20
1330-20-7	Xylenes, Total	300	U	300	43
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
124-48-1	Dibromochloromethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-97-5	Bromochloromethane	100	U	100	17
75-27-4	Bromodichloromethane	100	U	100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		57-135
2037-26-5	Toluene-d8 (Surr)	107		46-130
460-00-4	Bromofluorobenzene	119		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68512/4

Matrix: Solid Lab File ID: j98663.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/25/2011 12:48

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68512 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98663.d
Report Date: 25-Mar-2011 13:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98663.d
Lab Smp Id: MB
Inj Date : 25-MAR-2011 12:48
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/8260_09.m
Meth Date : 25-Mar-2011 10:53 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.476	7.440	(0.948)	446521	58.6746	5900
* 52 Fluorobenzene	96	7.884	7.857	(1.000)	1200326	50.0000	
$ 65 Toluene-d8 (SUR)	98	9.742	9.730	(0.859)	1160096	53.3914	5300
* 78 Chlorobenzene-d5	117	11.343	11.326	(1.000)	929265	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	12.538	12.526	(0.910)	592361	59.6436	6000
* 108 1,4-Dichlorobenzene-d4	152	13.772	13.761	(1.000)	523403	50.0000	

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98663.d
Report Date: 25-Mar-2011 13:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98663.d
Lab Smp Id: MB
Inj Date : 25-MAR-2011 12:48
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/8260_09.m
Meth Date : 25-Mar-2011 10:53 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

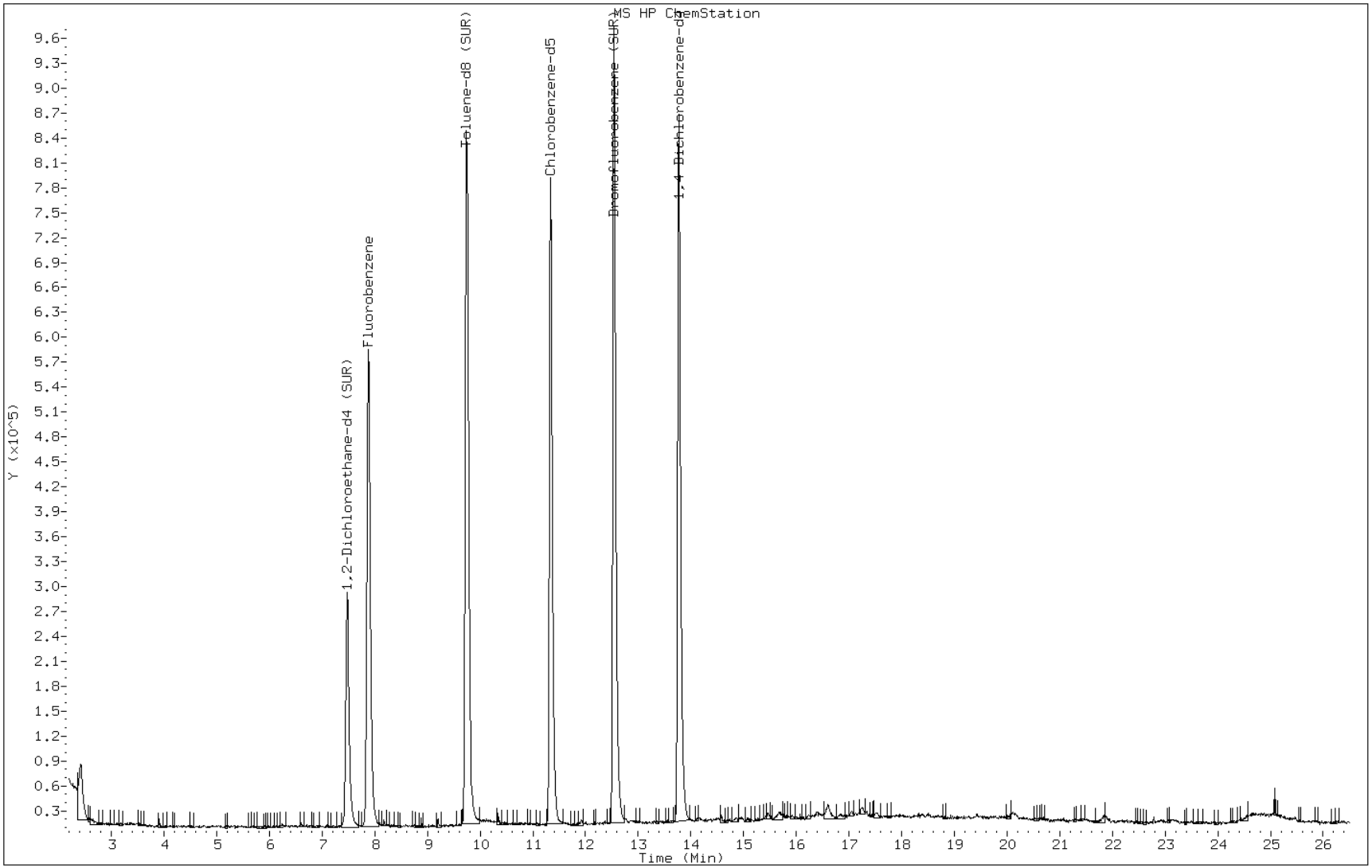
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j98663.d

Date: 25-MAR-2011 12:48

Client ID: Instrument: VOAMS8.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68548/5

Matrix: Solid Lab File ID: o46648.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2011 22:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68548 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	6.61	J	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.46
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68548/5

Matrix: Solid | Lab File ID: o46648.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/25/2011 22:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68548 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-138
2037-26-5	Toluene-d8 (Surr)	91		66-126
460-00-4	Bromofluorobenzene	95		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68548/5

Matrix: Solid Lab File ID: o46648.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2011 22:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68548 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46648.d
Report Date: 25-Mar-2011 22:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46648.d
Lab Smp Id: MB
Inj Date : 25-MAR-2011 22:21
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/8260L_10.m
Meth Date : 25-Mar-2011 20:15 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	7 Acetone	43	1.813	1.813	(0.449)	5355	6.60564	6.6(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.721	(0.920)	152765	43.8973	44
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	946457	50.0000	
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	689538	45.2882	45
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	661077	50.0000	
	147 Butyl Acrylate	55	8.866	8.872	(0.773)	1882	0.23351	0.23(aH)
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	254598	47.2991	47
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.475	(1.000)	361539	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46648.d
Report Date: 25-Mar-2011 22:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46648.d
Lab Smp Id: MB
Inj Date : 25-MAR-2011 22:21
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/8260L_10.m
Meth Date : 25-Mar-2011 20:15 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46648.d

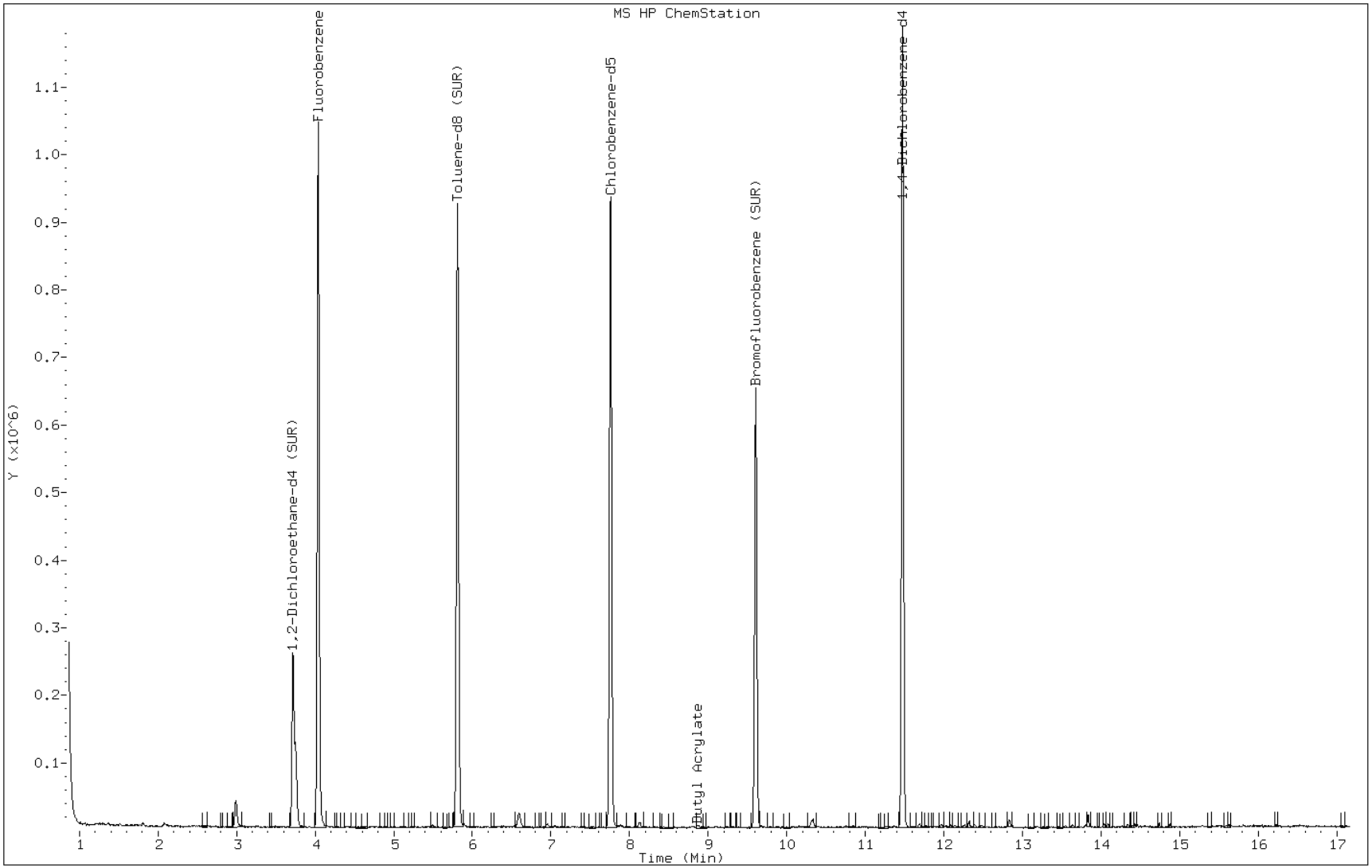
Date: 25-MAR-2011 22:21

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



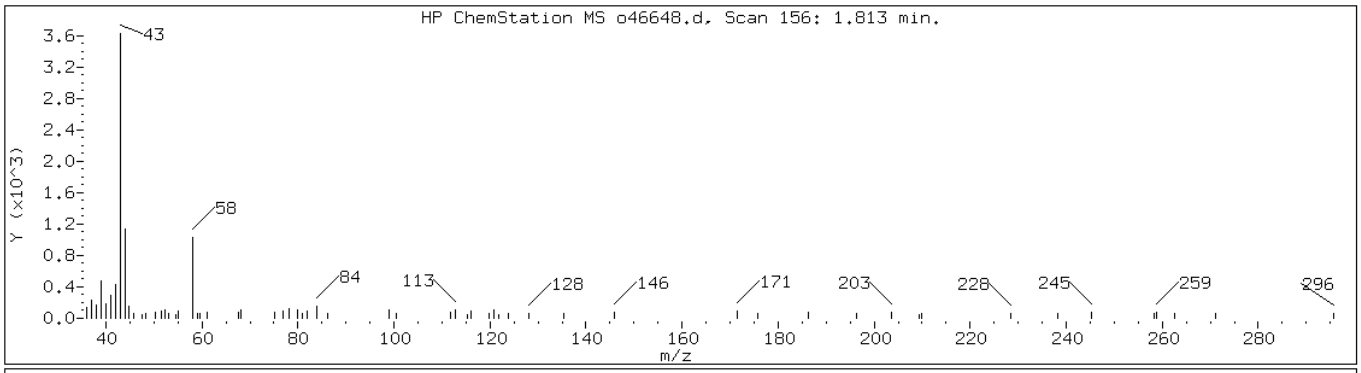
Data File: o46648.d

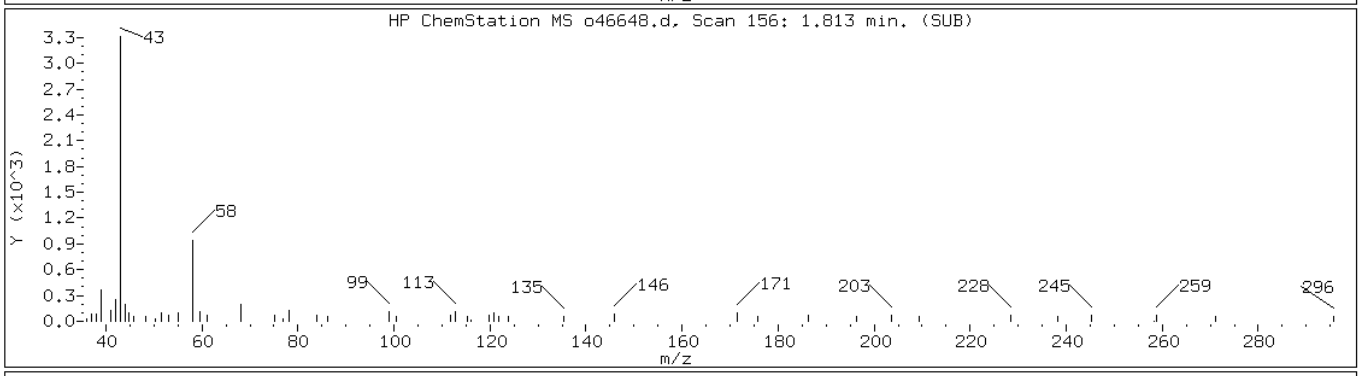
Date: 25-MAR-2011 22:21

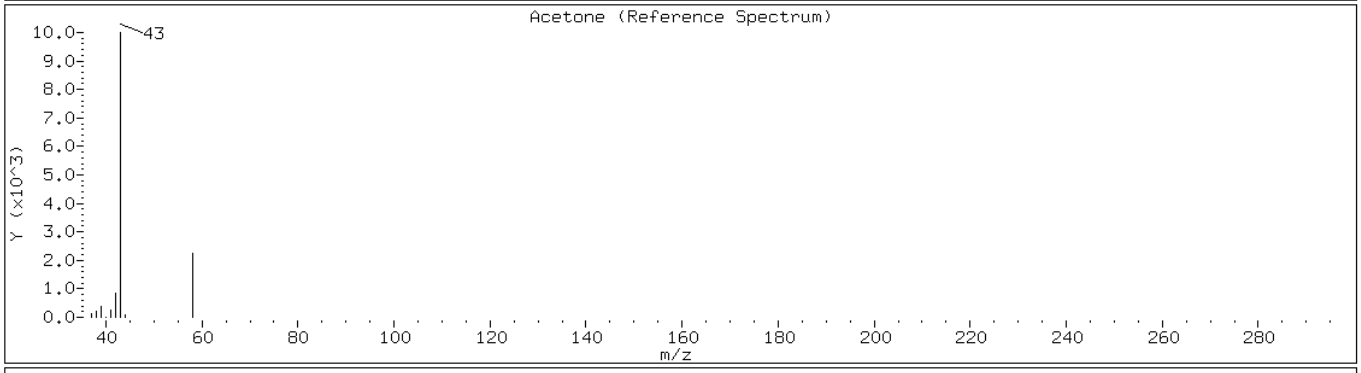
Client ID: Instrument: VOAMS12.i

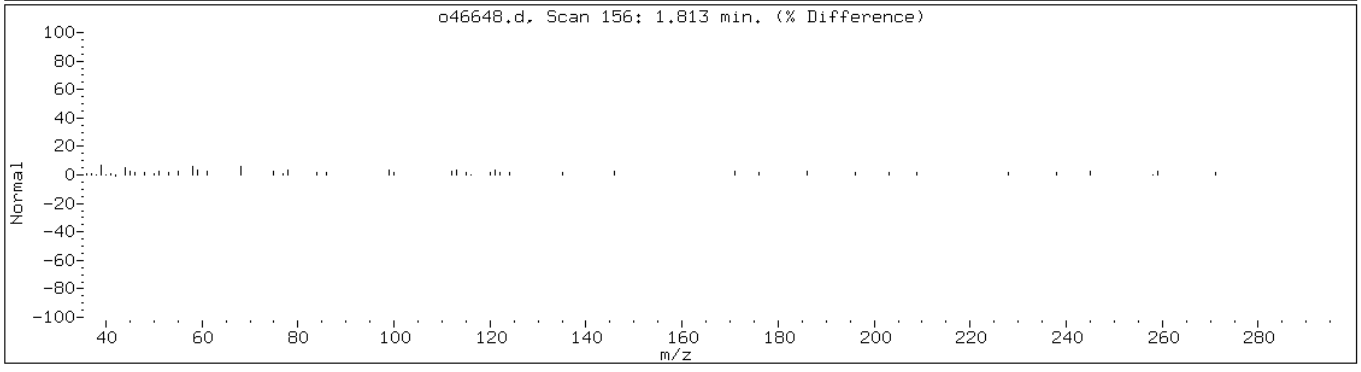
Sample Info: MB Operator: VOAMS 9

7 Acetone









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68639/5

Matrix: Solid Lab File ID: o46672.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 06:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68639 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	10	U	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.46
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68639/5

Matrix: Solid Lab File ID: o46672.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 06:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68639 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-138
2037-26-5	Toluene-d8 (Surr)	88		66-126
460-00-4	Bromofluorobenzene	93		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68639/5

Matrix: Solid Lab File ID: o46672.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 06:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68639 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46672.d
Report Date: 28-Mar-2011 12:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46672.d
Lab Smp Id: MB
Inj Date : 28-MAR-2011 06:16
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/8260L_10.m
Meth Date : 28-Mar-2011 04:46 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	136819	45.9925	46
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	809048	50.0000	
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	582491	44.1409	44
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	572963	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.604	(0.837)	220245	46.6138	47
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.469	(1.000)	317354	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46672.d
Report Date: 28-Mar-2011 12:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46672.d
Lab Smp Id: MB
Inj Date : 28-MAR-2011 06:16
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/8260L_10.m
Meth Date : 28-Mar-2011 04:46 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46672.d

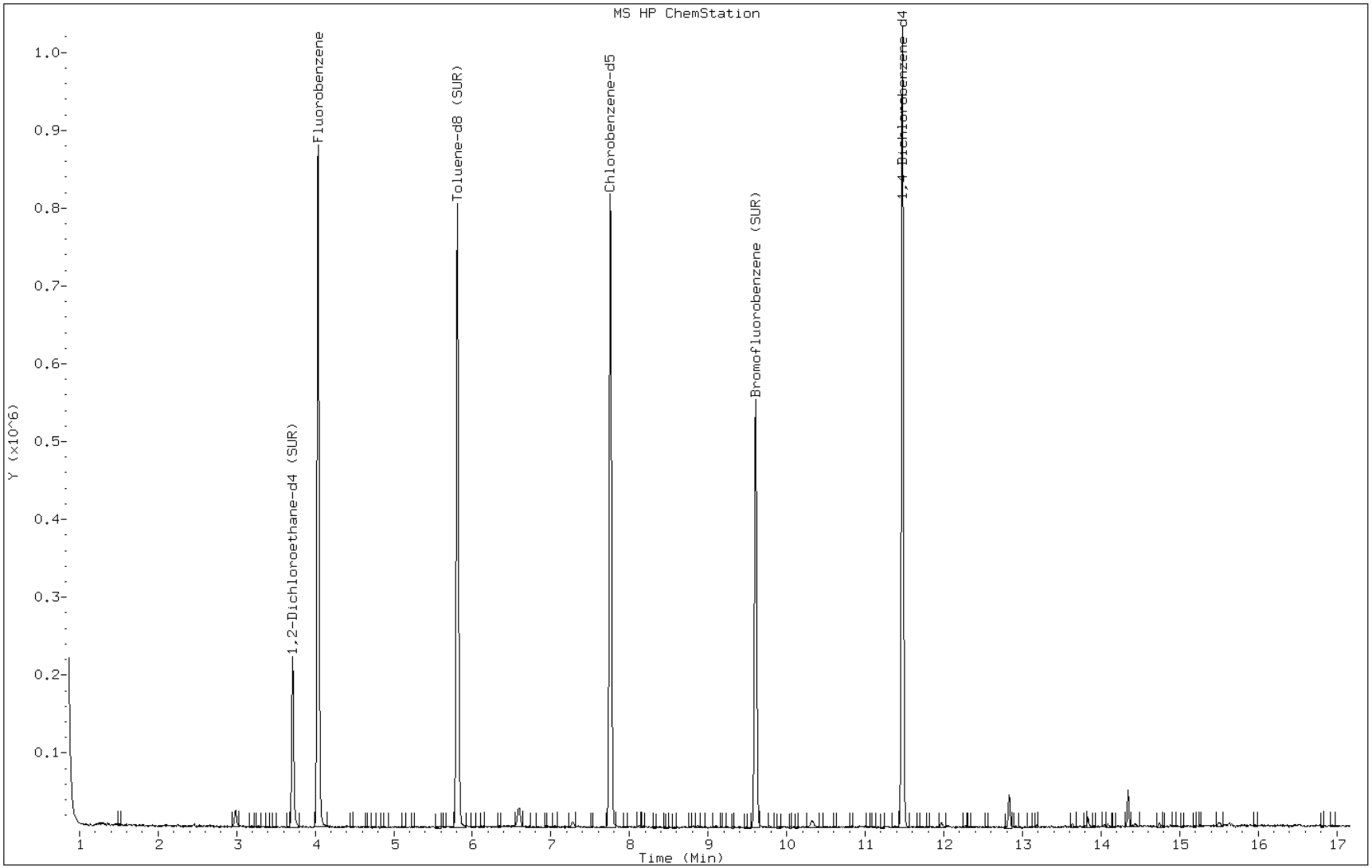
Date: 28-MAR-2011 06:16

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68728/5

Matrix: Solid Lab File ID: o46702.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 20:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	5.63	J	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.46
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68728/5

Matrix: Solid Lab File ID: o46702.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 20:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-138
2037-26-5	Toluene-d8 (Surr)	88		66-126
460-00-4	Bromofluorobenzene	93		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68728/5

Matrix: Solid Lab File ID: o46702.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 20:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46702.d
Report Date: 30-Mar-2011 11:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46702.d
Lab Smp Id: MB
Inj Date : 28-MAR-2011 20:07
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	7 Acetone	43	1.813	1.813	(0.449)	4356	5.63041	5.6(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	152544	45.9310	46
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	903242	50.0000	
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	649266	44.1891	44
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	637949	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.838)	247367	46.5922	46
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.476	(1.000)	356600	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46702.d
Report Date: 30-Mar-2011 11:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46702.d
Lab Smp Id: MB
Inj Date : 28-MAR-2011 20:07
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46702.d

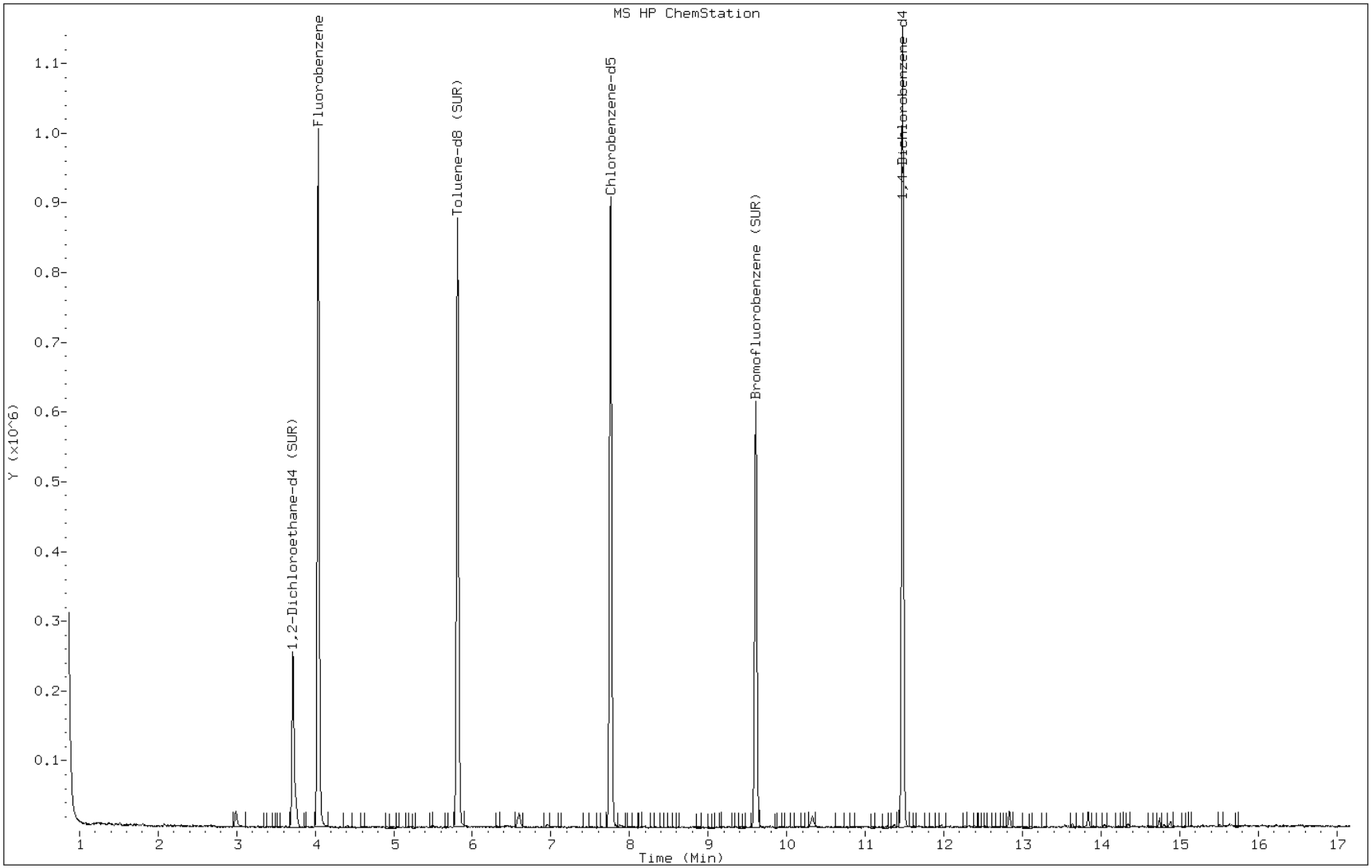
Date: 28-MAR-2011 20:07

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



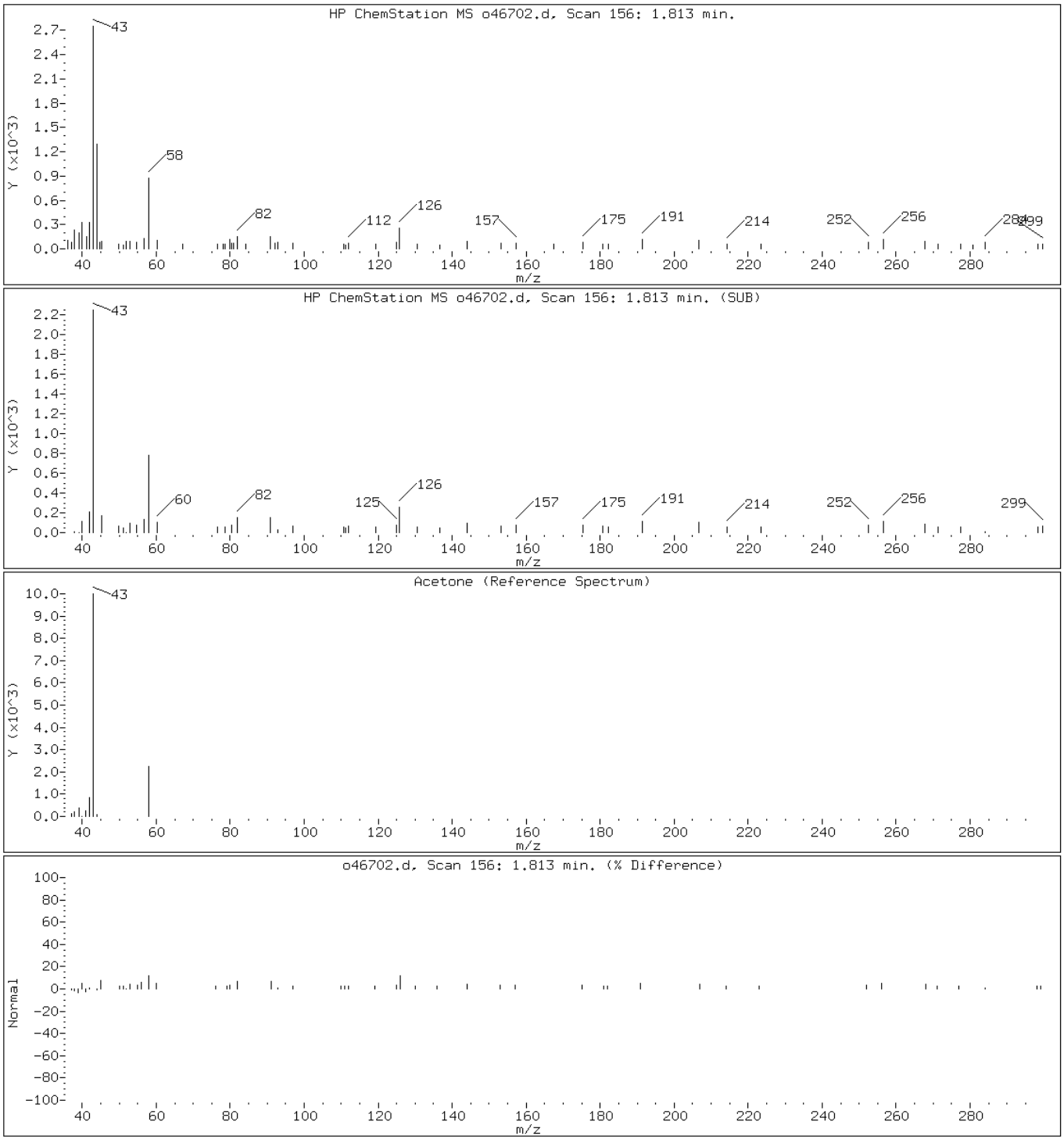
Data File: o46702.d

Date: 28-MAR-2011 20:07

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68801/5

Matrix: Solid Lab File ID: o46727.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/29/2011 07:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	10	U	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.46
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68801/5

Matrix: Solid Lab File ID: o46727.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/29/2011 07:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-138
2037-26-5	Toluene-d8 (Surr)	89		66-126
460-00-4	Bromofluorobenzene	91		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68801/5

Matrix: Solid Lab File ID: o46727.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/29/2011 07:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46727.d
Report Date: 29-Mar-2011 08:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46727.d
Lab Smp Id: MB
Inj Date : 29-MAR-2011 07:48
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.709	3.709	(0.920)	136798	45.4641	45
*	69 Fluorobenzene	96	4.032	4.032	(1.000)	818325	50.0000	
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	591674	44.4534	44
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	577905	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.598	9.604	(0.837)	218716	45.3455	45
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.469	(1.000)	323966	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46727.d
Report Date: 29-Mar-2011 08:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46727.d
Lab Smp Id: MB
Inj Date : 29-MAR-2011 07:48
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46727.d

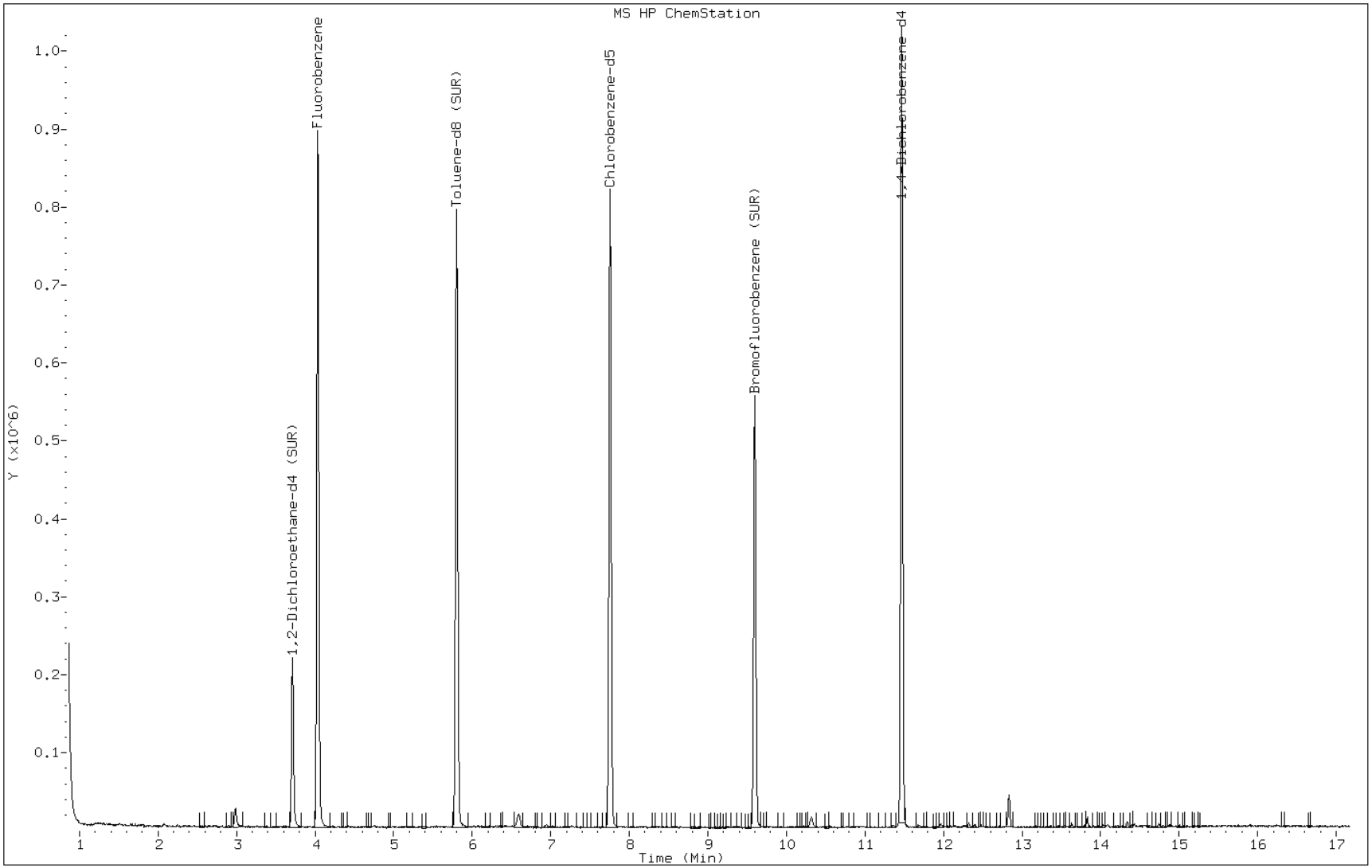
Date: 29-MAR-2011 07:48

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68934/4

Matrix: Solid Lab File ID: p45578.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/30/2011 12:07

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	100	U	100	21
74-83-9	Bromomethane	100	U	100	31
75-01-4	Vinyl chloride	100	U	100	12
75-00-3	Chloroethane	100	U	100	45
75-09-2	Methylene Chloride	100	U	100	19
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
75-34-3	1,1-Dichloroethane	100	U	100	10
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
67-66-3	Chloroform	100	U	100	16
78-93-3	2-Butanone	1000	U	1000	82
107-06-2	1,2-Dichloroethane	100	U	100	25
71-55-6	1,1,1-Trichloroethane	100	U	100	25
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
75-25-2	Bromoform	100	U	100	9.9
100-42-5	Styrene	100	U	100	14
100-41-4	Ethylbenzene	100	U	100	25
108-90-7	Chlorobenzene	100	U	100	17
110-82-7	Cyclohexane	100	U	100	12
98-82-8	Isopropylbenzene	100	U	100	21
591-78-6	2-Hexanone	1000	U	1000	55
1634-04-4	MTBE	100	U	100	19
76-13-1	Freon TF	100	U	100	29
79-20-9	Methyl acetate	200	U	200	33
123-91-1	1,4-Dioxane	5000	U	5000	850
79-01-6	Trichloroethene	100	U	100	18
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
108-10-1	4-Methyl-2-pentanone	1000	U	1000	68
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
95-50-1	1,2-Dichlorobenzene	100	U	100	16
541-73-1	1,3-Dichlorobenzene	100	U	100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68934/4

Matrix: Solid | Lab File ID: p45578.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/30/2011 12:07

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44
87-61-6	1,2,3-Trichlorobenzene	100	U	100	83
78-87-5	1,2-Dichloropropane	100	U	100	8.7
108-87-2	Methylcyclohexane	100	U	100	8.0
127-18-4	Tetrachloroethene	100	U	100	20
1330-20-7	Xylenes, Total	300	U	300	43
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
124-48-1	Dibromochloromethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-97-5	Bromochloromethane	100	U	100	17
75-27-4	Bromodichloromethane	100	U	100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	71		57-135
2037-26-5	Toluene-d8 (Surr)	81		46-130
460-00-4	Bromofluorobenzene	110		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68934/4

Matrix: Solid Lab File ID: p45578.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/30/2011 12:07

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45578.d
Report Date: 30-Mar-2011 12:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45578.d
Lab Smp Id: MB
Inj Date : 30-MAR-2011 12:07
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	2.769	2.769	(0.932)	98784	35.6928	3600
* 52 Fluorobenzene	96	2.970	2.970	(1.000)	524505	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.374	4.374	(0.714)	376078	40.6354	4100
* 78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	408513	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	7.390	7.389	(0.890)	189666	55.2124	5500
* 108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	243602	50.0000	

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45578.d
Report Date: 30-Mar-2011 12:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45578.d
Lab Smp Id: MB
Inj Date : 30-MAR-2011 12:07
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

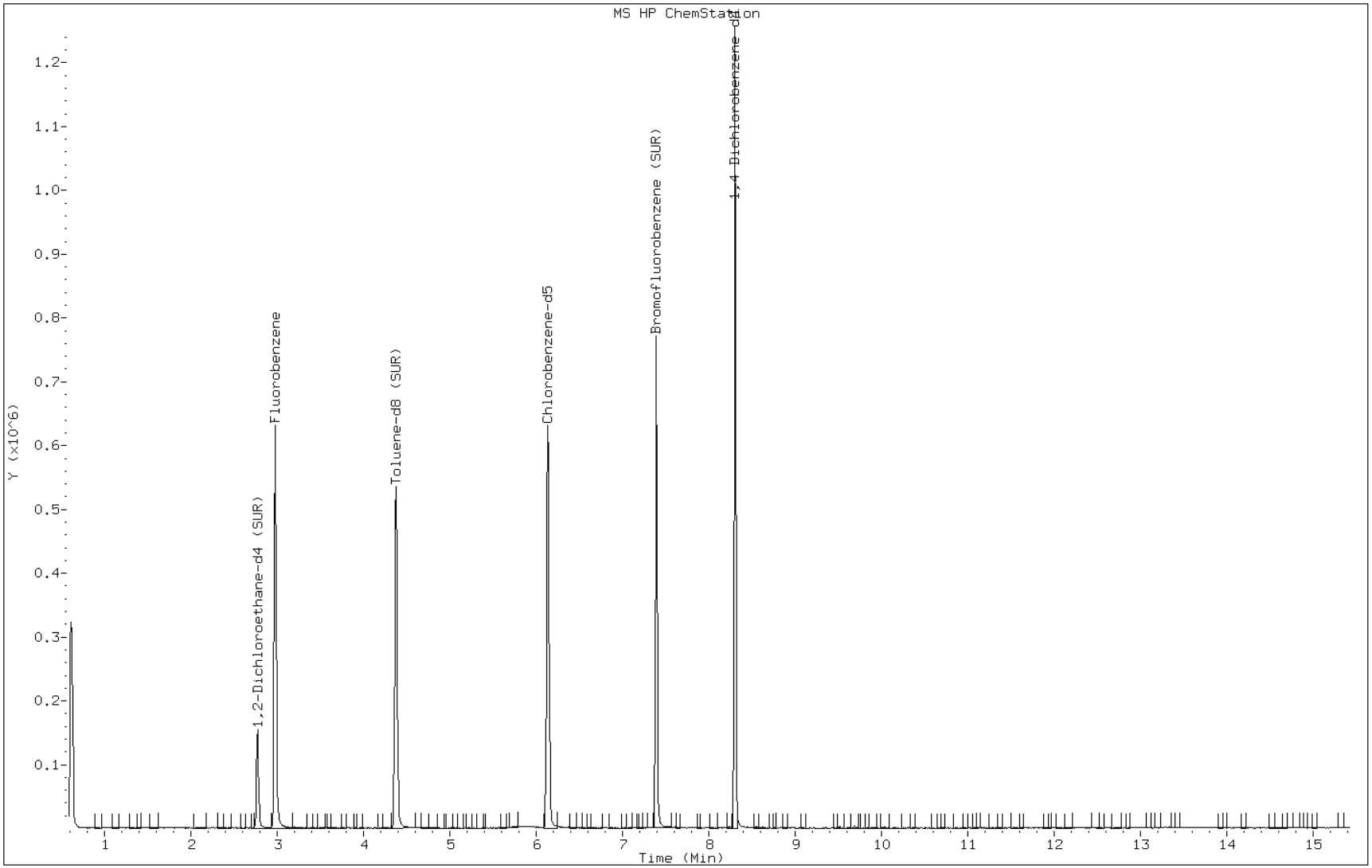
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p45578.d

Date: 30-MAR-2011 12:07

Client ID: Instrument: VOAMS13.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69045/4

Matrix: Solid | Lab File ID: j98782.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/31/2011 11:44

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	100	U	100	21
74-83-9	Bromomethane	100	U	100	31
75-01-4	Vinyl chloride	100	U	100	12
75-00-3	Chloroethane	100	U	100	45
75-09-2	Methylene Chloride	100	U	100	19
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
75-34-3	1,1-Dichloroethane	100	U	100	10
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
67-66-3	Chloroform	100	U	100	16
78-93-3	2-Butanone	1000	U	1000	82
107-06-2	1,2-Dichloroethane	100	U	100	25
71-55-6	1,1,1-Trichloroethane	100	U	100	25
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
75-25-2	Bromoform	100	U	100	9.9
100-42-5	Styrene	100	U	100	14
100-41-4	Ethylbenzene	100	U	100	25
108-90-7	Chlorobenzene	100	U	100	17
110-82-7	Cyclohexane	100	U	100	12
98-82-8	Isopropylbenzene	100	U	100	21
591-78-6	2-Hexanone	1000	U	1000	55
1634-04-4	MTBE	100	U	100	19
76-13-1	Freon TF	100	U	100	29
79-20-9	Methyl acetate	200	U	200	33
123-91-1	1,4-Dioxane	5000	U	5000	850
79-01-6	Trichloroethene	100	U	100	18
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
108-10-1	4-Methyl-2-pentanone	1000	U	1000	68
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
95-50-1	1,2-Dichlorobenzene	100	U	100	16
541-73-1	1,3-Dichlorobenzene	100	U	100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69045/4

Matrix: Solid | Lab File ID: j98782.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/31/2011 11:44

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44
87-61-6	1,2,3-Trichlorobenzene	100	U	100	83
78-87-5	1,2-Dichloropropane	100	U	100	8.7
108-87-2	Methylcyclohexane	100	U	100	8.0
127-18-4	Tetrachloroethene	100	U	100	20
1330-20-7	Xylenes, Total	300	U	300	43
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
124-48-1	Dibromochloromethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-97-5	Bromochloromethane	100	U	100	17
75-27-4	Bromodichloromethane	100	U	100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		57-135
2037-26-5	Toluene-d8 (Surr)	99		46-130
460-00-4	Bromofluorobenzene	107		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-69045/4

Matrix: Solid Lab File ID: j98782.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/31/2011 11:44

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 69045 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98782.d
Report Date: 31-Mar-2011 12:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98782.d
Lab Smp Id: MB
Inj Date : 31-MAR-2011 11:44
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.467	7.470	(0.948)	464152	56.6422	5700
* 52 Fluorobenzene	96	7.878	7.874	(1.000)	1292491	50.0000	
$ 65 Toluene-d8 (SUR)	98	9.753	9.748	(0.860)	1133181	49.5672	5000
* 78 Chlorobenzene-d5	117	11.344	11.348	(1.000)	977737	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	12.548	12.549	(0.910)	525095	53.2852	5300
* 108 1,4-Dichlorobenzene-d4	152	13.783	13.784	(1.000)	519332	50.0000	

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98782.d
Report Date: 31-Mar-2011 12:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98782.d
Lab Smp Id: MB
Inj Date : 31-MAR-2011 11:44
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

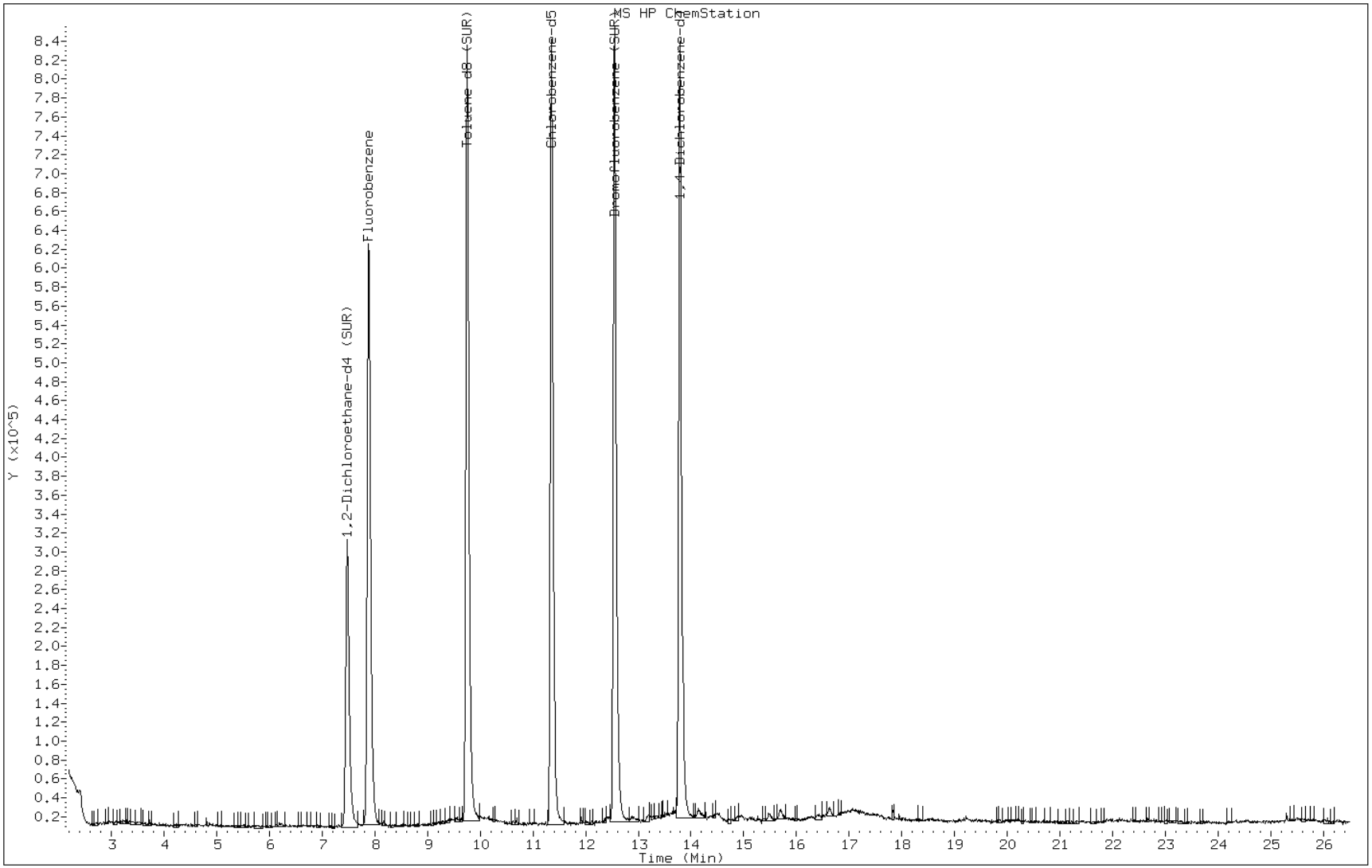
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j98782.d

Date: 31-MAR-2011 11:44

Client ID: Instrument: VOAMS8.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68208/3

Matrix: Solid Lab File ID: j98567.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/23/2011 08:30

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68208 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1310		100	21
74-83-9	Bromomethane	1890		100	31
75-01-4	Vinyl chloride	1280		100	12
75-00-3	Chloroethane	1800		100	45
75-09-2	Methylene Chloride	1720		100	19
67-64-1	Acetone	1870		1000	250
75-15-0	Carbon disulfide	1500		100	15
75-69-4	Trichlorofluoromethane	1220		100	16
75-35-4	1,1-Dichloroethene	1530		100	14
75-34-3	1,1-Dichloroethane	1930		100	10
156-60-5	trans-1,2-Dichloroethene	1700		100	14
156-59-2	cis-1,2-Dichloroethene	1780		100	19
67-66-3	Chloroform	1890		100	16
78-93-3	2-Butanone	1620		1000	82
107-06-2	1,2-Dichloroethane	2050		100	25
71-55-6	1,1,1-Trichloroethane	1820		100	25
56-23-5	Carbon tetrachloride	1680		100	18
71-43-2	Benzene	1780		100	12
75-25-2	Bromoform	1880		100	9.9
100-42-5	Styrene	1840		100	14
100-41-4	Ethylbenzene	1970		100	25
108-90-7	Chlorobenzene	1860		100	17
110-82-7	Cyclohexane	1600		100	12
98-82-8	Isopropylbenzene	2030		100	21
591-78-6	2-Hexanone	1680		1000	55
1634-04-4	MTBE	1800		100	19
76-13-1	Freon TF	1880		100	29
79-20-9	Methyl acetate	1480		200	33
123-91-1	1,4-Dioxane	12800		5000	850
79-01-6	Trichloroethene	1810		100	18
108-88-3	Toluene	1850		100	9.5
10061-02-6	trans-1,3-Dichloropropene	1810		100	12
108-10-1	4-Methyl-2-pentanone	1740		1000	68
10061-01-5	cis-1,3-Dichloropropene	1830		100	10
95-50-1	1,2-Dichlorobenzene	1850		100	16
541-73-1	1,3-Dichlorobenzene	1880		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68208/3

Matrix: Solid | Lab File ID: j98567.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/23/2011 08:30

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 68208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1870		100	15
120-82-1	1,2,4-Trichlorobenzene	1990		100	44
87-61-6	1,2,3-Trichlorobenzene	2300		100	83
78-87-5	1,2-Dichloropropane	1910		100	8.7
108-87-2	Methylcyclohexane	1650		100	8.0
127-18-4	Tetrachloroethene	1850		100	20
1330-20-7	Xylenes, Total	5460		300	43
96-12-8	1,2-Dibromo-3-Chloropropane	1710		100	15
79-34-5	1,1,2,2-Tetrachloroethane	1860		100	8.6
79-00-5	1,1,2-Trichloroethane	1840		100	9.7
124-48-1	Dibromochloromethane	1860		100	10
106-93-4	1,2-Dibromoethane	1820		100	9.1
75-71-8	Dichlorodifluoromethane	843		100	28
74-97-5	Bromochloromethane	1840		100	17
75-27-4	Bromodichloromethane	1880		100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		57-135
2037-26-5	Toluene-d8 (Surr)	94		46-130
460-00-4	Bromofluorobenzene	102		50-124

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98567.d
Report Date: 23-Mar-2011 08:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98567.d
Lab Smp Id: LCS
Inj Date : 23-MAR-2011 08:30
Operator : Inst ID: VOAMS8.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/8260_09.m
Meth Date : 23-Mar-2011 08:26 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	2.615	2.614	(0.332)	124787	8.43174	840
3 Chloromethane	50	2.751	2.751	(0.349)	93452	13.1354	1300
4 Vinyl Chloride	62	2.943	2.925	(0.374)	111717	12.8243	1300
6 Bromomethane	94	3.317	3.313	(0.421)	116832	18.9355	1900
5 Chloroethane	64	3.435	3.423	(0.436)	73344	18.0104	1800
7 Trichlorofluoromethane	101	3.799	3.795	(0.482)	214637	12.1739	1200
8 n-Pentane	72	3.790	3.786	(0.481)	18227	16.1336	1600
9 Ethanol	46	3.935	3.951	(0.500)	61448	2296.21	230000
10 Isoprene	67	4.072	4.070	(0.517)	144425	18.2605	1800
11 Ethyl Ether	59	4.026	4.015	(0.511)	123624	19.6964	2000
13 Acrolein	56	4.200	4.204	(0.533)	19557	26.7124	2700
15 1,1-Dichloroethene	96	4.326	4.323	(0.549)	132152	15.2549	1500
14 Freon TF	101	4.344	4.341	(0.552)	291321	18.8449	1900
16 Acetone	58	4.381	4.360	(0.556)	11245	18.6713	1900

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98567.d
Report Date: 23-Mar-2011 08:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	17 Iodomethane	142	4.533	4.532	(0.576)	434545	18.0927	1800
	18 Carbon Disulfide	76	4.632	4.623	(0.588)	398618	15.0090	1500
	19 Isopropanol	45	4.514	4.514	(0.573)	983290	2404.48	240000
	21 Acetonitrile	39	4.724	4.715	(0.600)	34487	432.863	43000
	27 Methyl Acetate	74	4.724	4.724	(0.600)	29736	14.8287	1500
	22 Methylene Chloride	84	4.887	4.880	(0.621)	183834	17.1729	1700
	24 TBA	59	4.978	4.971	(0.632)	269143	325.958	32000
	25 trans-1,2-Dichloroethene	96	5.189	5.191	(0.659)	171636	17.0373	1700
	26 Acrylonitrile	53	5.171	5.173	(0.657)	41268	20.6450	2100
	28 MTBE	73	5.171	5.173	(0.657)	490805	18.0327	1800
	29 Hexane	56	5.464	5.466	(0.694)	65349	14.6006	1500
	30 1,1-Dichloroethane	63	5.693	5.695	(0.723)	379736	19.2762	1900
	31 Vinyl Acetate	43	5.711	5.713	(0.725)	656095	20.3296	2000
	32 DIPE	45	5.720	5.713	(0.726)	821941	18.0167	1800
	35 t-Butyl-ethyl-ether	59	6.160	6.168	(0.782)	734260	18.9189	1900
	37 2,2-Dichloropropane	77	6.407	6.415	(0.814)	312513	19.9074	2000
	36 cis-1,2-Dichloroethene	96	6.398	6.397	(0.813)	203240	17.7557	1800
	38 2-Butanone	72	6.398	6.397	(0.813)	14374	16.1620	1600
	39 Ethyl Acetate	70	6.444	6.443	(0.818)	34901	33.9861	3400
	40 Bromochloromethane	128	6.724	6.709	(0.854)	139508	18.4321	1800
	41 Tetrahydrofuran	42	6.769	6.763	(0.860)	43060	16.5876	1600
	42 Chloroform	83	6.788	6.789	(0.862)	403728	18.8632	1900
	43 1,1,1-Trichloroethane	97	7.061	7.050	(0.897)	323152	18.1602	1800
	44 Cyclohexane	56	7.125	7.132	(0.905)	212982	15.9806	1600
	45 Carbon Tetrachloride	117	7.272	7.270	(0.924)	308844	16.7654	1700
	46 1,1-Dichloropropene	75	7.253	7.242	(0.921)	266499	17.5175	1800
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.463	7.462	(0.948)	460980	52.3707	5200
	48 Benzene	78	7.537	7.535	(0.665)	520204	17.7763	1800
	49 1,2-Dichloroethane	62	7.555	7.563	(0.960)	256022	20.4576	2000
	50 t-Amyl-methyl-ether	73	7.629	7.627	(0.969)	631376	19.2184	1900
	61 Isopropyl Acetate	43	7.546	7.535	(0.958)	1044155	35.9160	3600
*	52 Fluorobenzene	96	7.874	7.875	(1.000)	1388358	50.0000	
	166 2,4,4-Trimethylpentene	112	8.232	8.233	(1.045)	41326	20.3059	2000
	54 Trichloroethene	95	8.323	8.315	(1.057)	217396	18.0857	1800
	53 n-Butanol	43	8.167	8.168	(1.037)	146464	1081.43	110000
	56 Methyl cyclohexane	83	8.556	8.562	(1.087)	163687	16.5016	1600
	55 Ethyl Acrylate	55	8.394	8.388	(1.066)	242993	17.1962	1700
	57 1,2-Dichloropropane	63	8.611	8.608	(1.094)	240279	19.0599	1900
	58 Dibromomethane	93	8.758	8.755	(1.112)	200686	18.9038	1900
	60 1,4-Dioxane	88	8.740	8.755	(1.110)	12165	127.591	13000(a)
	59 Methyl Methacrylate	100	8.676	8.681	(1.102)	50013	17.4036	1700
	75 Propyl Acetate	43	8.731	8.737	(1.109)	602323	34.9470	3500
	68 Bromodichloromethane	83	8.913	8.917	(1.132)	406968	18.8492	1900
	62 2-Chloroethyl Vinyl Ether	63	9.223	9.223	(1.171)	61578	8.09775	810
	63 Epichlorohydrin	57	9.333	9.332	(0.823)	373330	351.353	35000
	67 cis-1,3-Dichloropropene	75	9.423	9.430	(0.831)	352162	18.2831	1800
	70 4-Methyl-2-Pentanone	43	9.588	9.585	(0.845)	192590	17.4329	1700

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98567.d
Report Date: 23-Mar-2011 08:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	65 Toluene-d8 (SUR)	98	9.745	9.740	(0.859)	1119809	47.2358	4700
	66 Toluene	91	9.816	9.826	(0.866)	582732	18.5375	1800
	64 trans-1,3-Dichloropropene	75	10.056	10.053	(0.887)	302926	18.1093	1800
	69 1,1,2-Trichloroethane	83	10.274	10.275	(0.906)	165079	18.3633	1800
	71 Tetrachloroethene	166	10.428	10.430	(0.920)	220761	18.4689	1800
	72 1,3-Dichloropropane	76	10.465	10.465	(0.923)	329554	18.6603	1900
	73 2-Hexanone	43	10.511	10.517	(0.927)	108040	16.7549	1700
	74 Dibromochloromethane	129	10.722	10.726	(0.945)	334355	18.5656	1800
	76 Butyl Acetate	73	10.622	10.625	(0.937)	125454	37.3173	3700
	77 1,2-Dibromoethane	107	10.869	10.864	(0.958)	278581	18.1694	1800
*	78 Chlorobenzene-d5	117	11.341	11.338	(1.000)	1013887	50.0000	
	79 Chlorobenzene	112	11.369	11.375	(1.002)	428588	18.6115	1900
	80 1,1,1,2-Tetrachloroethane	131	11.448	11.448	(1.009)	268130	20.6565	2100
	81 Ethylbenzene	106	11.456	11.467	(1.010)	189420	19.6697	2000
	82 m+p-Xylene	106	11.574	11.578	(1.021)	477119	35.9486	3600
	84 o-Xylene	106	11.997	11.994	(1.058)	246485	18.6689	1900
	85 Styrene	104	12.006	12.003	(1.059)	418219	18.3520	1800
	83 Butyl Acrylate	73	11.887	11.889	(1.048)	192621	18.5982	1800
	86 Bromoform	173	12.244	12.242	(1.080)	231153	18.8042	1900
	88 Isopropylbenzene	105	12.353	12.360	(1.089)	601711	20.2779	2000
$	89 Bromofluorobenzene (SUR)	174	12.537	12.545	(0.910)	563848	51.1247	5100
	90 Camphene (total)	41	12.646	12.656	(1.115)	90911	27.7901	2800
	91 Bromobenzene	156	12.720	12.720	(0.923)	281300	23.4962	2300
	92 1,1,2,2-Tetrachloroethane	83	12.665	12.665	(0.919)	288500	18.6013	1900
	93 1,2,3-Trichloropropane	110	12.729	12.739	(0.924)	74652	21.6747	2200
	94 trans-1,4-Dichloro-2-butene	53	12.720	12.720	(0.923)	75541	17.7094	1800
	95 n-Propylbenzene	91	12.776	12.776	(0.927)	642224	18.9476	1900
	96 2-Chlorotoluene	91	12.896	12.903	(0.936)	350223	19.4361	1900
	97 1,3,5-Trimethylbenzene	105	12.942	12.940	(0.939)	444266	19.1385	1900
	98 4-Chlorotoluene	91	13.006	13.004	(0.944)	546764	18.8704	1900
	99 Butyl Methacrylate	87	12.979	12.977	(0.942)	356650	20.2226	2000
	100 tert-Butylbenzene	119	13.308	13.306	(0.966)	469034	18.2722	1800
	101 1,2,4-Trimethylbenzene	105	13.345	13.352	(0.969)	474212	18.5009	1800
	102 2-Octanone	43	13.400	13.398	(0.973)	499809	24.1743	2400
	103 sec-Butylbenzene	105	13.538	13.542	(0.983)	571856	17.7828	1800
	105 1,3-Dichlorobenzene	146	13.713	13.711	(0.995)	308409	18.7846	1900
	107 p-Isopropyltoluene	119	13.676	13.676	(0.993)	483650	17.9902	1800
*	108 1,4-Dichlorobenzene-d4	152	13.777	13.783	(1.000)	581226	50.0000	
	109 1,4-Dichlorobenzene	146	13.805	13.810	(1.002)	394200	18.7204	1900
	110 Benzyl Chloride	91	13.952	13.949	(1.013)	406083	19.0346	1900
	106 n-Butylbenzene	91	14.136	14.141	(1.026)	430459	17.8404	1800
	111 1,2-Dichlorobenzene	146	14.256	14.251	(1.035)	338119	18.4977	1800
	112 1,2-Dibromo-3-chloropropane	75	15.212	15.219	(1.104)	62223	17.1039	1700
	113 Camphor	95	16.260	16.262	(1.180)	131878	79.0842	7900
	114 1,2,4-Trichlorobenzene	180	16.403	16.401	(1.191)	218862	19.8648	2000
	115 Hexachlorobutadiene	225	16.613	16.614	(1.206)	140031	15.9515	1600
	116 Naphthalene	128	16.852	16.851	(1.223)	391659	18.1142	1800

Data File: /chem/VOAMS8.i/8260_09/02-08-11/23mar11.b/j98567.d
Report Date: 23-Mar-2011 08:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
117 1,2,3-Trichlorobenzene	180	17.265	17.276	(1.253)	189713	22.9741	2300
M 120 1,2-Dichloroethene (Total)	100				374877	34.8388	3500
M 121 Xylene (Total)	100				723604	54.6175	5500

QC Flag Legend

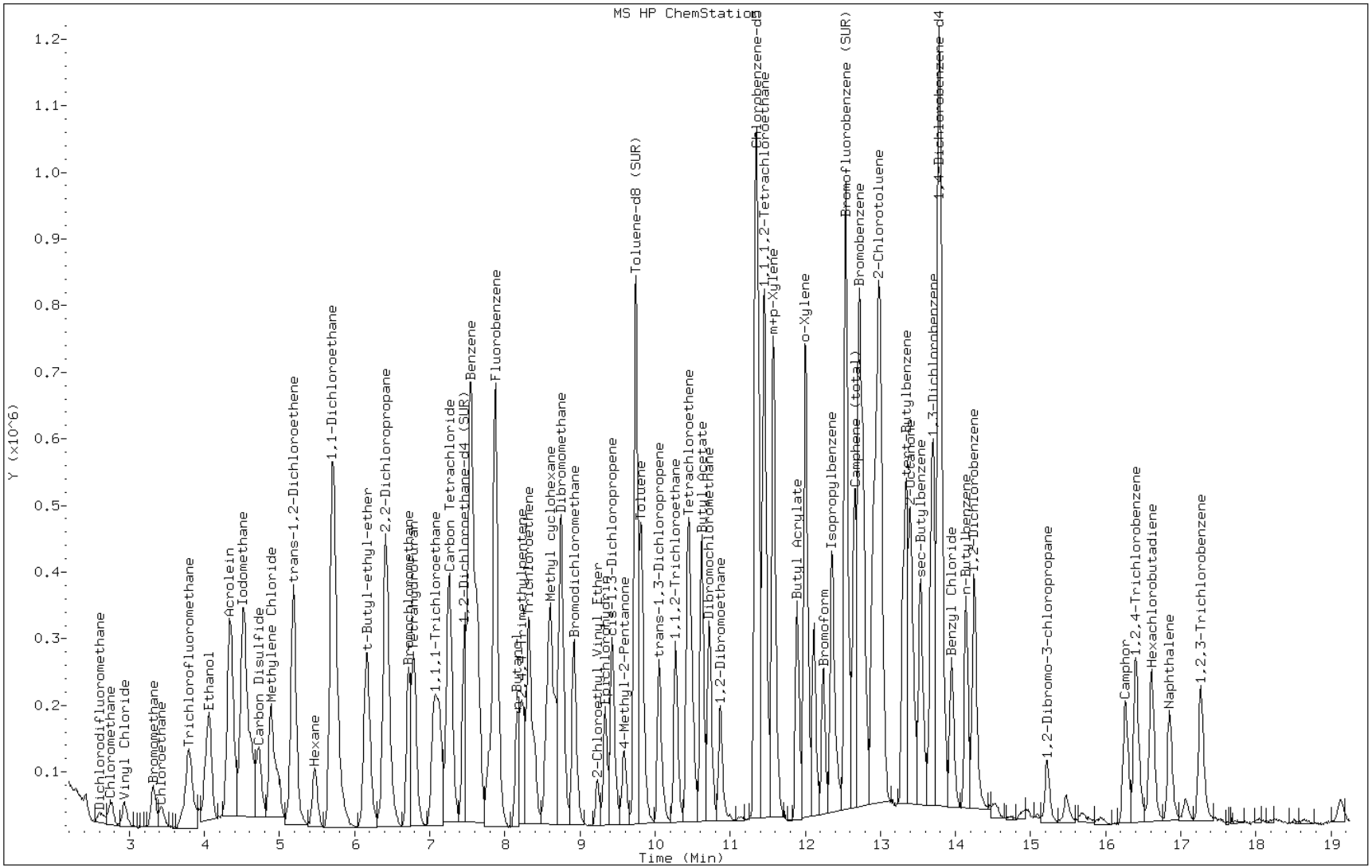
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: j98567.d

Date: 23-MAR-2011 08:30

Client ID: Instrument: VOAMS8.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68358/3

Matrix: Solid Lab File ID: j98617.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/24/2011 09:50

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2170		100	21
74-83-9	Bromomethane	2520		100	31
75-01-4	Vinyl chloride	2170		100	12
75-00-3	Chloroethane	2390		100	45
75-09-2	Methylene Chloride	1770		100	19
67-64-1	Acetone	1570		1000	250
75-15-0	Carbon disulfide	1630		100	15
75-69-4	Trichlorofluoromethane	2240		100	16
75-35-4	1,1-Dichloroethene	1740		100	14
75-34-3	1,1-Dichloroethane	1960		100	10
156-60-5	trans-1,2-Dichloroethene	1750		100	14
156-59-2	cis-1,2-Dichloroethene	1860		100	19
67-66-3	Chloroform	1950		100	16
78-93-3	2-Butanone	1720		1000	82
107-06-2	1,2-Dichloroethane	2050		100	25
71-55-6	1,1,1-Trichloroethane	1950		100	25
56-23-5	Carbon tetrachloride	1780		100	18
71-43-2	Benzene	1910		100	12
75-25-2	Bromoform	1840		100	9.9
100-42-5	Styrene	1870		100	14
100-41-4	Ethylbenzene	2010		100	25
108-90-7	Chlorobenzene	1880		100	17
110-82-7	Cyclohexane	1810		100	12
98-82-8	Isopropylbenzene	2040		100	21
591-78-6	2-Hexanone	1600		1000	55
1634-04-4	MTBE	1890		100	19
76-13-1	Freon TF	2160		100	29
79-20-9	Methyl acetate	1840		200	33
123-91-1	1,4-Dioxane	10800		5000	850
79-01-6	Trichloroethene	1900		100	18
108-88-3	Toluene	1840		100	9.5
10061-02-6	trans-1,3-Dichloropropene	1820		100	12
108-10-1	4-Methyl-2-pentanone	1750		1000	68
10061-01-5	cis-1,3-Dichloropropene	1840		100	10
95-50-1	1,2-Dichlorobenzene	1880		100	16
541-73-1	1,3-Dichlorobenzene	1950		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68358/3

Matrix: Solid | Lab File ID: j98617.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/24/2011 09:50

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1850		100	15
120-82-1	1,2,4-Trichlorobenzene	1860		100	44
87-61-6	1,2,3-Trichlorobenzene	2030		100	83
78-87-5	1,2-Dichloropropane	1970		100	8.7
108-87-2	Methylcyclohexane	1770		100	8.0
127-18-4	Tetrachloroethene	1920		100	20
1330-20-7	Xylenes, Total	5760		300	43
96-12-8	1,2-Dibromo-3-Chloropropane	1530		100	15
79-34-5	1,1,2,2-Tetrachloroethane	1880		100	8.6
79-00-5	1,1,2-Trichloroethane	1950		100	9.7
124-48-1	Dibromochloromethane	1810		100	10
106-93-4	1,2-Dibromoethane	1830		100	9.1
75-71-8	Dichlorodifluoromethane	2050		100	28
74-97-5	Bromochloromethane	1880		100	17
75-27-4	Bromodichloromethane	1930		100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		57-135
2037-26-5	Toluene-d8 (Surr)	98		46-130
460-00-4	Bromofluorobenzene	104		50-124

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98617.d
Report Date: 24-Mar-2011 10:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98617.d
Lab Smp Id: LCS
Inj Date : 24-MAR-2011 09:50
Operator : Inst ID: VOAMS8.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/8260_09.m
Meth Date : 24-Mar-2011 09:31 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	2.588	2.606	(0.328)	268501	20.5432	2000
3 Chloromethane	50	2.761	2.762	(0.350)	136272	21.6888	2200
4 Vinyl Chloride	62	2.933	2.945	(0.372)	166567	21.6510	2200
6 Bromomethane	94	3.314	3.320	(0.421)	137571	25.2472	2500
5 Chloroethane	64	3.424	3.430	(0.435)	86098	23.9401	2400
7 Trichlorofluoromethane	101	3.799	3.785	(0.482)	348806	22.4018	2200
8 n-Pentane	72	3.799	3.804	(0.482)	18896	18.9384	1900
9 Ethanol	46	3.945	3.932	(0.501)	54446	2303.78	230000
10 Isoprene	67	4.067	4.088	(0.516)	142362	20.3817	2000
11 Ethyl Ether	59	4.014	4.024	(0.509)	115216	20.7860	2100
13 Acrolein	56	4.204	4.198	(0.534)	14449	22.3469	2200
15 1,1-Dichloroethene	96	4.333	4.344	(0.550)	133298	17.4234	1700
14 Freon TF	101	4.351	4.344	(0.552)	295058	21.6124	2200
16 Acetone	58	4.360	4.372	(0.553)	8331	15.6634	1600

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98617.d
Report Date: 24-Mar-2011 10:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
17	Iodomethane	142	4.541	4.537	(0.576)	407268	19.2010	1900
18	Carbon Disulfide	76	4.623	4.638	(0.587)	381560	16.2679	1600
19	Isopropanol	45	4.505	4.510	(0.572)	755521	2092.00	210000(R)
21	Acetonitrile	39	4.731	4.738	(0.600)	29100	413.736	41000
27	Methyl Acetate	74	4.740	4.747	(0.602)	32511	18.3578	1800
22	Methylene Chloride	84	4.887	4.893	(0.620)	167293	17.6958	1800
24	TBA	59	4.987	4.976	(0.633)	211941	290.648	29000
25	trans-1,2-Dichloroethene	96	5.189	5.193	(0.659)	155890	17.5220	1800
26	Acrylonitrile	53	5.170	5.175	(0.656)	35200	19.9394	2000
28	MTBE	73	5.180	5.184	(0.657)	454353	18.9025	1900
29	Hexane	56	5.473	5.483	(0.695)	63841	16.1511	1600
30	1,1-Dichloroethane	63	5.711	5.701	(0.725)	341141	19.6086	2000
31	Vinyl Acetate	43	5.720	5.719	(0.726)	585109	20.5293	2000
32	DIPE	45	5.720	5.728	(0.726)	744365	18.4755	1800
35	t-Butyl-ethyl-ether	59	6.166	6.168	(0.783)	667132	19.4641	1900
37	2,2-Dichloropropane	77	6.423	6.433	(0.815)	282127	20.3500	2000
36	cis-1,2-Dichloroethene	96	6.405	6.415	(0.813)	188288	18.6262	1900
38	2-Butanone	72	6.395	6.406	(0.812)	13528	17.2228	1700
39	Ethyl Acetate	70	6.441	6.452	(0.818)	32127	35.4249	3500
40	Bromochloromethane	128	6.725	6.726	(0.854)	125747	18.8126	1900
41	Tetrahydrofuran	42	6.771	6.763	(0.859)	34692	15.1323	1500
42	Chloroform	83	6.799	6.806	(0.863)	367939	19.4660	1900
43	1,1,1-Trichloroethane	97	7.064	7.071	(0.897)	305841	19.4619	1900
44	Cyclohexane	56	7.129	7.136	(0.905)	213466	18.1365	1800
45	Carbon Tetrachloride	117	7.276	7.272	(0.923)	289673	17.8057	1800
46	1,1-Dichloropropene	75	7.257	7.264	(0.921)	254613	18.9510	1900
$ 47	1,2-Dichloroethane-d4 (SUR)	65	7.466	7.474	(0.948)	406188	52.2527	5200
48	Benzene	78	7.549	7.547	(0.665)	489057	19.0509	1900
49	1,2-Dichloroethane	62	7.567	7.566	(0.960)	226220	20.4683	2000
50	t-Amyl-methyl-ether	73	7.632	7.645	(0.969)	575080	19.8213	2000
61	Isopropyl Acetate	43	7.549	7.547	(0.958)	930128	36.2277	3600
* 52	Fluorobenzene	96	7.879	7.883	(1.000)	1226101	50.0000	
166	2,4,4-Trimethylpentene	112	8.235	8.241	(1.045)	36127	20.1023	2000
54	Trichloroethene	95	8.326	8.332	(1.057)	201869	19.0164	1900
53	n-Butanol	43	8.170	8.167	(1.037)	111227	929.936	93000
56	Methyl cyclohexane	83	8.564	8.560	(1.087)	155474	17.7478	1800
55	Ethyl Acrylate	55	8.399	8.406	(1.066)	219497	17.5891	1800
57	1,2-Dichloropropane	63	8.619	8.624	(1.094)	218819	19.6546	2000
58	Dibromomethane	93	8.757	8.767	(1.111)	173584	18.5147	1800
60	1,4-Dioxane	88	8.757	8.758	(1.111)	9090	107.950	11000(a)
59	Methyl Methacrylate	100	8.683	8.679	(1.102)	43431	17.1129	1700
75	Propyl Acetate	43	8.747	8.741	(1.110)	524051	34.4294	3400
68	Bromodichloromethane	83	8.922	8.930	(1.132)	367210	19.2585	1900
62	2-Chloroethyl Vinyl Ether	63	9.232	9.238	(1.172)	120878	17.9995	1800
63	Epichlorohydrin	57	9.342	9.345	(0.823)	306560	328.892	33000
67	cis-1,3-Dichloropropene	75	9.434	9.435	(0.831)	310636	18.3842	1800
70	4-Methyl-2-Pentanone	43	9.600	9.591	(0.846)	169663	17.5069	1800

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98617.d
Report Date: 24-Mar-2011 10:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	65 Toluene-d8 (SUR)	98	9.746	9.748	(0.859)	1014954	48.8046	4900
	66 Toluene	91	9.825	9.830	(0.866)	507736	18.4122	1800
	64 trans-1,3-Dichloropropene	75	10.062	10.059	(0.886)	267455	18.2264	1800
	69 1,1,2-Trichloroethane	83	10.282	10.289	(0.906)	153756	19.4975	1900
	71 Tetrachloroethene	166	10.435	10.441	(0.919)	201028	19.1717	1900
	72 1,3-Dichloropropane	76	10.472	10.467	(0.923)	290782	18.7692	1900
	73 2-Hexanone	43	10.517	10.520	(0.926)	90761	16.0451	1600
	74 Dibromochloromethane	129	10.728	10.727	(0.945)	285237	18.0548	1800
	76 Butyl Acetate	73	10.627	10.630	(0.936)	103783	35.1914	3500
	77 1,2-Dibromoethane	107	10.871	10.874	(0.958)	246319	18.3136	1800
*	78 Chlorobenzene-d5	117	11.351	11.346	(1.000)	889411	50.0000	
	79 Chlorobenzene	112	11.379	11.383	(1.002)	379300	18.7763	1900
	80 1,1,1,2-Tetrachloroethane	131	11.452	11.456	(1.009)	222120	19.5067	2000
	81 Ethylbenzene	106	11.471	11.465	(1.011)	169386	20.0510	2000
	82 m+p-Xylene	106	11.580	11.583	(1.020)	448729	38.5413	3800
	84 o-Xylene	106	12.002	12.003	(1.057)	221196	19.0982	1900
	85 Styrene	104	12.011	12.012	(1.058)	373488	18.6828	1900
	83 Butyl Acrylate	73	11.901	11.902	(1.048)	171424	18.8679	1900
	86 Bromoform	173	12.247	12.248	(1.079)	198825	18.4379	1800
	88 Isopropylbenzene	105	12.367	12.366	(1.089)	532142	20.4433	2000
$	89 Bromofluorobenzene (SUR)	174	12.548	12.550	(0.910)	503366	52.2397	5200
	90 Camphene (total)	41	12.659	12.659	(1.115)	67453	23.5050	2400
	91 Bromobenzene	156	12.733	12.728	(0.923)	205529	19.6494	2000
	92 1,1,2,2-Tetrachloroethane	83	12.677	12.676	(0.919)	254470	18.7794	1900
	93 1,2,3-Trichloropropane	110	12.742	12.737	(0.924)	65881	21.8936	2200
	94 trans-1,4-Dichloro-2-butene	53	12.733	12.728	(0.923)	65337	17.5317	1800
	95 n-Propylbenzene	91	12.788	12.781	(0.927)	585034	19.7559	2000
	96 2-Chlorotoluene	91	12.907	12.909	(0.936)	330768	21.0056	2100
	97 1,3,5-Trimethylbenzene	105	12.953	12.946	(0.939)	399978	19.7219	2000
	98 4-Chlorotoluene	91	13.018	13.020	(0.944)	497144	19.6387	2000
	99 Butyl Methacrylate	87	12.990	12.983	(0.942)	318024	20.6397	2100
	100 tert-Butylbenzene	119	13.318	13.322	(0.966)	438706	19.5617	2000
	101 1,2,4-Trimethylbenzene	105	13.362	13.359	(0.969)	428704	19.1437	1900
	102 2-Octanone	43	13.408	13.414	(0.972)	383355	21.2226	2100
	103 sec-Butylbenzene	105	13.546	13.552	(0.982)	548131	19.5096	2000
	105 1,3-Dichlorobenzene	146	13.719	13.717	(0.995)	280294	19.5406	2000
	107 p-Isopropyltoluene	119	13.682	13.690	(0.992)	449504	19.1375	1900
*	108 1,4-Dichlorobenzene-d4	152	13.793	13.789	(1.000)	507805	50.0000	
	109 1,4-Dichlorobenzene	146	13.821	13.815	(1.002)	341096	18.5406	1800
	110 Benzyl Chloride	91	13.957	13.958	(1.012)	353772	18.9802	1900
	106 n-Butylbenzene	91	14.147	14.149	(1.026)	388467	18.4279	1800
	111 1,2-Dichlorobenzene	146	14.267	14.259	(1.034)	300747	18.8320	1900
	112 1,2-Dibromo-3-chloropropane	75	15.227	15.230	(1.104)	48744	15.3359	1500
	113 Camphor	95	16.268	16.279	(1.179)	107585	73.8441	7400
	114 1,2,4-Trichlorobenzene	180	16.422	16.417	(1.191)	179099	18.6061	1900
	115 Hexachlorobutadiene	225	16.632	16.628	(1.206)	125636	16.3809	1600
	116 Naphthalene	128	16.873	16.868	(1.223)	328413	17.3852	1700

Data File: /chem/VOAMS8.i/8260_09/02-08-11/24mar11.b/j98617.d
Report Date: 24-Mar-2011 10:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
117 1,2,3-Trichlorobenzene	180	17.282	17.287	(1.253)	146297	20.2780	2000
M 120 1,2-Dichloroethene (Total)	100				344178	36.2187	3600
M 121 Xylene (Total)	100				669925	57.6395	5800

QC Flag Legend

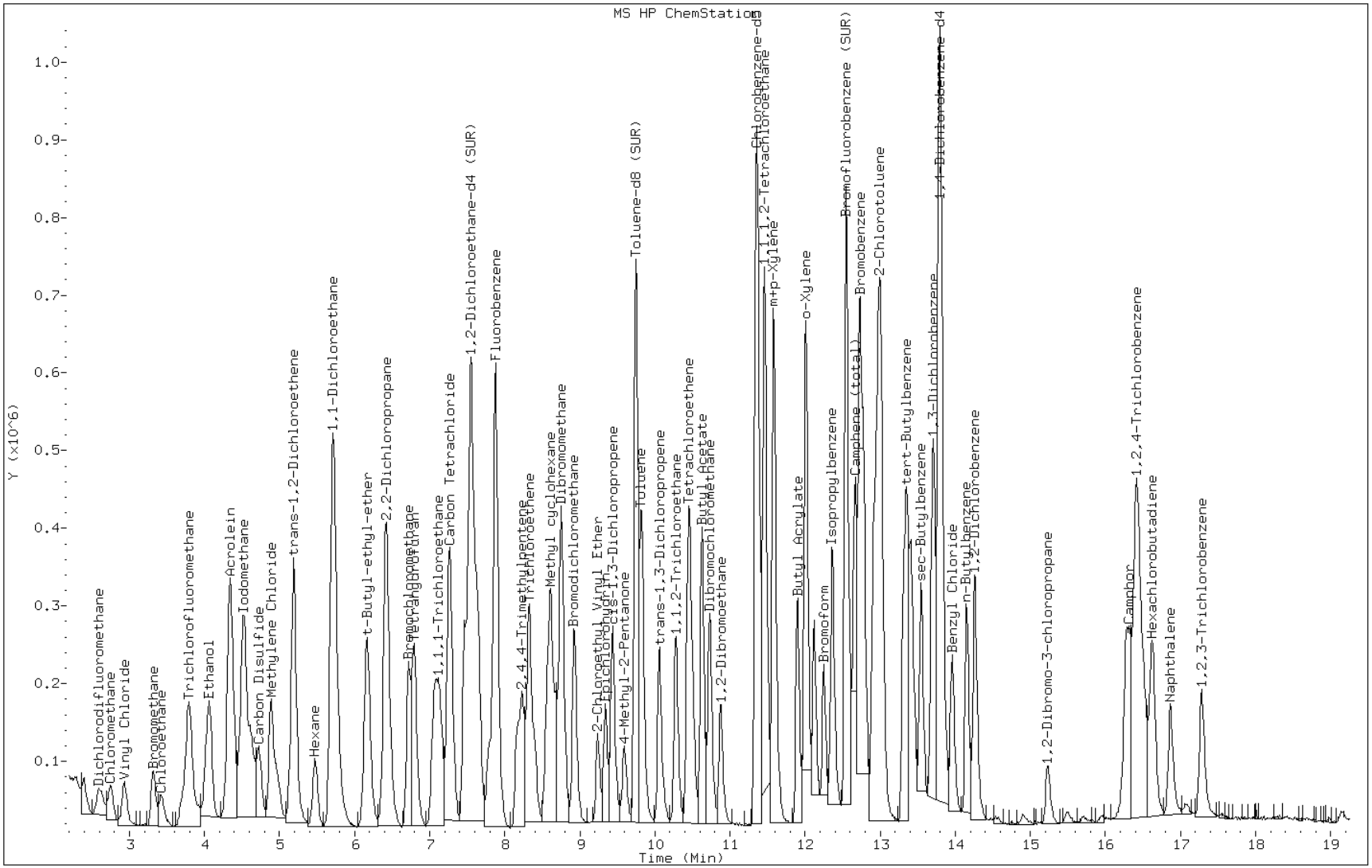
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: j98617.d

Date: 24-MAR-2011 09:50

Client ID: Instrument: VOAMS8.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68512/3

Matrix: Solid | Lab File ID: j98661.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/25/2011 11:41

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 68512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1670		100	21
74-83-9	Bromomethane	2320		100	31
75-01-4	Vinyl chloride	2030		100	12
75-00-3	Chloroethane	2360		100	45
75-09-2	Methylene Chloride	1790		100	19
67-64-1	Acetone	1750		1000	250
75-15-0	Carbon disulfide	1790		100	15
75-69-4	Trichlorofluoromethane	2030		100	16
75-35-4	1,1-Dichloroethene	1870		100	14
75-34-3	1,1-Dichloroethane	2050		100	10
156-60-5	trans-1,2-Dichloroethene	1900		100	14
156-59-2	cis-1,2-Dichloroethene	1880		100	19
67-66-3	Chloroform	2040		100	16
78-93-3	2-Butanone	1870		1000	82
107-06-2	1,2-Dichloroethane	2090		100	25
71-55-6	1,1,1-Trichloroethane	1980		100	25
56-23-5	Carbon tetrachloride	1820		100	18
71-43-2	Benzene	1900		100	12
75-25-2	Bromoform	1790		100	9.9
100-42-5	Styrene	1820		100	14
100-41-4	Ethylbenzene	1840		100	25
108-90-7	Chlorobenzene	1910		100	17
110-82-7	Cyclohexane	1880		100	12
98-82-8	Isopropylbenzene	2010		100	21
591-78-6	2-Hexanone	1690		1000	55
1634-04-4	MTBE	1890		100	19
76-13-1	Freon TF	2280		100	29
79-20-9	Methyl acetate	1620		200	33
123-91-1	1,4-Dioxane	11600		5000	850
79-01-6	Trichloroethene	1900		100	18
108-88-3	Toluene	1840		100	9.5
10061-02-6	trans-1,3-Dichloropropene	1860		100	12
108-10-1	4-Methyl-2-pentanone	1760		1000	68
10061-01-5	cis-1,3-Dichloropropene	1840		100	10
95-50-1	1,2-Dichlorobenzene	1910		100	16
541-73-1	1,3-Dichlorobenzene	2010		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68512/3

Matrix: Solid Lab File ID: j98661.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/25/2011 11:41

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68512 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1920		100	15
120-82-1	1,2,4-Trichlorobenzene	2210		100	44
87-61-6	1,2,3-Trichlorobenzene	2410		100	83
78-87-5	1,2-Dichloropropane	2030		100	8.7
108-87-2	Methylcyclohexane	1810		100	8.0
127-18-4	Tetrachloroethene	1890		100	20
1330-20-7	Xylenes, Total	5520		300	43
96-12-8	1,2-Dibromo-3-Chloropropane	1790		100	15
79-34-5	1,1,2,2-Tetrachloroethane	1890		100	8.6
79-00-5	1,1,2-Trichloroethane	1830		100	9.7
124-48-1	Dibromochloromethane	1830		100	10
106-93-4	1,2-Dibromoethane	1760		100	9.1
75-71-8	Dichlorodifluoromethane	1880		100	28
74-97-5	Bromochloromethane	1900		100	17
75-27-4	Bromodichloromethane	1980		100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		57-135
2037-26-5	Toluene-d8 (Surr)	93		46-130
460-00-4	Bromofluorobenzene	102		50-124

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98661.d
Report Date: 25-Mar-2011 13:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98661.d
Lab Smp Id: LCS
Inj Date : 25-MAR-2011 11:41
Operator : Inst ID: VOAMS8.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/8260_09.m
Meth Date : 25-Mar-2011 10:53 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	2.598	2.596	(0.331)	272274	18.7887	1900
3 Chloromethane	50	2.747	2.742	(0.350)	116604	16.7384	1700
4 Vinyl Chloride	62	2.921	2.923	(0.372)	173415	20.3304	2000
6 Bromomethane	94	3.304	3.305	(0.421)	139867	23.1511	2300
5 Chloroethane	64	3.413	3.424	(0.434)	94166	23.6155	2400
7 Trichlorofluoromethane	101	3.780	3.779	(0.481)	350043	20.2764	2000
8 n-Pentane	72	3.780	3.788	(0.481)	24649	22.2822	2200
9 Ethanol	46	3.917	3.935	(0.499)	72224	2756.34	280000
10 Isoprene	67	4.052	4.054	(0.516)	169468	21.8828	2200
11 Ethyl Ether	59	4.006	4.008	(0.510)	133346	21.6975	2200
13 Acrolein	56	4.190	4.182	(0.533)	17864	24.9197	2500
15 1,1-Dichloroethene	96	4.316	4.320	(0.549)	158547	18.6912	1900
14 Freon TF	101	4.326	4.337	(0.551)	344529	22.7610	2300
16 Acetone	58	4.352	4.355	(0.554)	10338	17.5307	1800

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98661.d
Report Date: 25-Mar-2011 13:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	17 Iodomethane	142	4.525	4.515	(0.576)	492791	20.9544	2100
	18 Carbon Disulfide	76	4.607	4.616	(0.586)	466466	17.9374	1800
	19 Isopropanol	45	4.489	4.488	(0.571)	1031615	2576.33	260000
	21 Acetonitrile	39	4.708	4.699	(0.599)	33507	429.534	43000
	27 Methyl Acetate	74	4.708	4.708	(0.599)	31734	16.1618	1600
	22 Methylene Chloride	84	4.862	4.870	(0.619)	187904	17.9266	1800
	24 TBA	59	4.963	4.953	(0.632)	271068	335.276	34000
	25 trans-1,2-Dichloroethene	96	5.183	5.172	(0.660)	187846	19.0431	1900
	26 Acrylonitrile	53	5.155	5.153	(0.656)	34711	17.7340	1800
	28 MTBE	73	5.165	5.153	(0.657)	502521	18.8561	1900
	29 Hexane	56	5.458	5.446	(0.695)	75139	17.1451	1700
	30 1,1-Dichloroethane	63	5.677	5.675	(0.723)	395426	20.4998	2000
	31 Vinyl Acetate	43	5.696	5.693	(0.725)	667780	21.1320	2100
	32 DIPE	45	5.705	5.693	(0.726)	840516	18.8160	1900
	35 t-Butyl-ethyl-ether	59	6.152	6.139	(0.783)	737495	19.4067	1900
	37 2,2-Dichloropropane	77	6.406	6.408	(0.815)	335650	21.8362	2200
	36 cis-1,2-Dichloroethene	96	6.388	6.382	(0.813)	210965	18.8227	1900
	38 2-Butanone	72	6.388	6.382	(0.813)	16291	18.7073	1900
	39 Ethyl Acetate	70	6.415	6.417	(0.817)	35348	35.1546	3500
	40 Bromochloromethane	128	6.698	6.692	(0.853)	140987	19.0239	1900
	41 Tetrahydrofuran	42	6.741	6.746	(0.858)	46953	18.4721	1800
	42 Chloroform	83	6.767	6.772	(0.861)	427085	20.3792	2000
	43 1,1,1-Trichloroethane	97	7.037	7.036	(0.896)	344161	19.7524	2000
	44 Cyclohexane	56	7.110	7.109	(0.905)	244951	18.7704	1900
	45 Carbon Tetrachloride	117	7.257	7.256	(0.924)	329116	18.2461	1800
	46 1,1-Dichloropropene	75	7.239	7.229	(0.921)	290434	19.4970	1900
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.435	7.440	(0.946)	434872	50.4560	5000
	48 Benzene	78	7.518	7.521	(0.664)	551822	19.0127	1900
	49 1,2-Dichloroethane	62	7.545	7.540	(0.960)	256712	20.9492	2100
	50 t-Amyl-methyl-ether	73	7.619	7.622	(0.970)	655123	20.3656	2000
	61 Isopropyl Acetate	43	7.527	7.521	(0.958)	1050681	36.9096	3700
*	52 Fluorobenzene	96	7.856	7.857	(1.000)	1359429	50.0000	
	166 2,4,4-Trimethylpentene	112	8.213	8.223	(1.045)	47189	23.6434	2400
	54 Trichloroethene	95	8.302	8.296	(1.057)	223986	19.0304	1900
	53 n-Butanol	43	8.140	8.150	(1.036)	156539	1180.42	120000
	56 Methyl cyclohexane	83	8.540	8.544	(1.087)	175649	18.0843	1800
	55 Ethyl Acrylate	55	8.385	8.379	(1.067)	221773	16.0285	1600
	57 1,2-Dichloropropane	63	8.595	8.581	(1.094)	250203	20.2694	2000
	58 Dibromomethane	93	8.745	8.745	(1.113)	193372	18.6025	1900
	60 1,4-Dioxane	88	8.726	8.736	(1.111)	10832	116.021	12000(a)
	59 Methyl Methacrylate	100	8.664	8.672	(1.103)	51688	18.3690	1800
	75 Propyl Acetate	43	8.726	8.727	(1.111)	580153	34.3770	3400
	68 Bromodichloromethane	83	8.906	8.901	(1.134)	419348	19.8359	2000
	62 2-Chloroethyl Vinyl Ether	63	9.216	9.218	(1.173)	85978	11.5470	1200
	63 Epichlorohydrin	57	9.323	9.319	(0.823)	368107	349.304	35000
	67 cis-1,3-Dichloropropene	75	9.415	9.410	(0.831)	351432	18.3961	1800
	70 4-Methyl-2-Pentanone	43	9.571	9.574	(0.845)	193194	17.6322	1800

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98661.d
Report Date: 25-Mar-2011 13:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	65 Toluene-d8 (SUR)	98	9.727	9.730	(0.859)	1088705	46.3037	4600
	66 Toluene	91	9.810	9.803	(0.866)	574769	18.4354	1800
	64 trans-1,3-Dichloropropene	75	10.044	10.039	(0.887)	307963	18.5627	1800
	69 1,1,2-Trichloroethane	83	10.260	10.257	(0.906)	163347	18.3210	1800
	71 Tetrachloroethene	166	10.422	10.413	(0.920)	224230	18.9142	1900
	72 1,3-Dichloropropane	76	10.450	10.450	(0.922)	329824	18.8301	1900
	73 2-Hexanone	43	10.503	10.496	(0.927)	107962	16.8814	1700
	74 Dibromochloromethane	129	10.714	10.714	(0.946)	326974	18.3060	1800
	76 Butyl Acetate	73	10.613	10.615	(0.937)	118381	35.5047	3600
	77 1,2-Dibromoethane	107	10.850	10.851	(0.958)	267806	17.6112	1800
*	78 Chlorobenzene-d5	117	11.328	11.326	(1.000)	1005569	50.0000	
	79 Chlorobenzene	112	11.365	11.361	(1.003)	436499	19.1118	1900
	80 1,1,1,2-Tetrachloroethane	131	11.437	11.433	(1.010)	252064	19.5794	2000
	81 Ethylbenzene	106	11.446	11.451	(1.010)	175492	18.3742	1800
	82 m+p-Xylene	106	11.566	11.559	(1.021)	479063	36.3937	3600
	84 o-Xylene	106	11.988	11.983	(1.058)	245710	18.7642	1900
	85 Styrene	104	11.997	11.991	(1.059)	412105	18.2333	1800
	83 Butyl Acrylate	73	11.880	11.873	(1.049)	508323	49.4861	4900(R)
	86 Bromoform	173	12.227	12.232	(1.079)	218100	17.8891	1800
	88 Isopropylbenzene	105	12.346	12.342	(1.090)	591319	20.0926	2000
$	89 Bromofluorobenzene (SUR)	174	12.530	12.526	(0.910)	544448	50.8751	5100
	90 Camphene (total)	41	12.634	12.627	(1.115)	92792	28.5996	2800
	91 Bromobenzene	156	12.708	12.709	(0.923)	230341	19.8280	2000
	92 1,1,2,2-Tetrachloroethane	83	12.653	12.655	(0.919)	284121	18.8791	1900
	93 1,2,3-Trichloropropane	110	12.727	12.718	(0.925)	73201	21.9032	2200
	94 trans-1,4-Dichloro-2-butene	53	12.708	12.709	(0.923)	64567	15.5994	1600
	95 n-Propylbenzene	91	12.764	12.764	(0.927)	642872	19.5467	2000
	96 2-Chlorotoluene	91	12.884	12.884	(0.936)	373157	21.3361	2100
	97 1,3,5-Trimethylbenzene	105	12.930	12.930	(0.939)	435092	19.3165	1900
	98 4-Chlorotoluene	91	13.003	12.994	(0.945)	541066	19.2447	1900
	99 Butyl Methacrylate	87	12.967	12.967	(0.942)	335077	19.5804	2000
	100 tert-Butylbenzene	119	13.290	13.284	(0.966)	486437	19.5296	2000
	101 1,2,4-Trimethylbenzene	105	13.333	13.338	(0.969)	481219	19.3484	1900
	102 2-Octanone	43	13.396	13.393	(0.973)	475541	23.7039	2400
	103 sec-Butylbenzene	105	13.524	13.522	(0.983)	619743	19.8613	2000
	105 1,3-Dichlorobenzene	146	13.699	13.696	(0.995)	320253	20.1025	2000
	107 p-Isopropyltoluene	119	13.662	13.659	(0.993)	496806	19.0446	1900
*	108 1,4-Dichlorobenzene-d4	152	13.763	13.761	(1.000)	563981	50.0000	
	109 1,4-Dichlorobenzene	146	13.790	13.788	(1.002)	392350	19.2023	1900
	110 Benzyl Chloride	91	13.941	13.933	(1.013)	419425	20.2612	2000
	106 n-Butylbenzene	91	14.124	14.123	(1.026)	450321	19.2343	1900
	111 1,2-Dichlorobenzene	146	14.239	14.234	(1.035)	338931	19.1091	1900
	112 1,2-Dibromo-3-chloropropane	75	15.209	15.194	(1.105)	63055	17.8625	1800
	113 Camphor	95	16.257	16.236	(1.181)	134563	83.1616	8300
	114 1,2,4-Trichlorobenzene	180	16.386	16.388	(1.191)	236470	22.1193	2200
	115 Hexachlorobutadiene	225	16.594	16.589	(1.206)	152293	17.8788	1800
	116 Naphthalene	128	16.834	16.831	(1.223)	408532	19.4723	1900

Data File: /chem/VOAMS8.i/8260_09/02-08-11/25mar11a.b/j98661.d
Report Date: 25-Mar-2011 13:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
117 1,2,3-Trichlorobenzene	180	17.245	17.254	(1.253)	192861	24.0696	2400
M 120 1,2-Dichloroethene (Total)	100				398811	37.8518	3800
M 121 Xylene (Total)	100				724774	55.1578	5500

QC Flag Legend

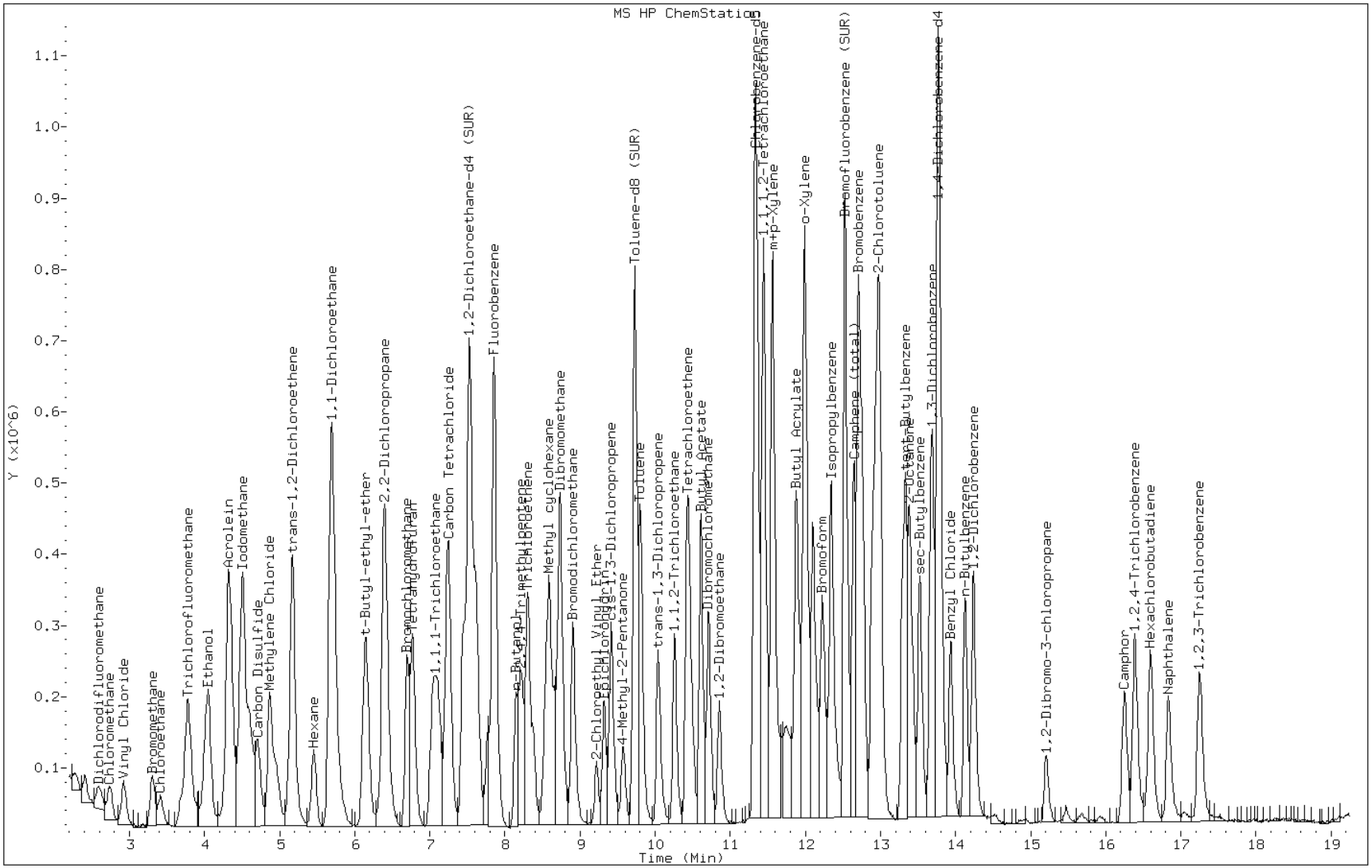
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: j98661.d

Date: 25-MAR-2011 11:41

Client ID: Instrument: VOAMS8.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68548/3

Matrix: Solid Lab File ID: o46645.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2011 20:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68548 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.9		1.0	0.63
74-83-9	Bromomethane	22.7		1.0	0.41
75-01-4	Vinyl chloride	22.8		1.0	0.23
75-00-3	Chloroethane	25.2		1.0	0.40
75-09-2	Methylene Chloride	20.7		1.0	0.47
67-64-1	Acetone	29.2		10	3.7
75-15-0	Carbon disulfide	19.9		1.0	0.46
75-69-4	Trichlorofluoromethane	22.7		1.0	0.26
75-35-4	1,1-Dichloroethene	21.3		1.0	0.37
75-34-3	1,1-Dichloroethane	20.2		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.3		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.24
67-66-3	Chloroform	20.0		1.0	0.24
78-93-3	2-Butanone	21.3		10	0.57
107-06-2	1,2-Dichloroethane	19.0		1.0	0.39
71-55-6	1,1,1-Trichloroethane	20.3		1.0	0.19
56-23-5	Carbon tetrachloride	21.3		1.0	0.10
71-43-2	Benzene	19.7		1.0	0.74
75-25-2	Bromoform	16.5		1.0	0.70
100-42-5	Styrene	19.3		1.0	0.35
100-41-4	Ethylbenzene	19.8		1.0	0.19
108-90-7	Chlorobenzene	19.7		1.0	0.48
110-82-7	Cyclohexane	19.1		1.0	0.22
98-82-8	Isopropylbenzene	22.2		1.0	0.26
591-78-6	2-Hexanone	19.3		10	1.7
1634-04-4	MTBE	20.1		1.0	0.34
76-13-1	Freon TF	24.1		1.0	0.48
79-20-9	Methyl acetate	18.6		1.0	0.90
123-91-1	1,4-Dioxane	161		50	4.2
79-01-6	Trichloroethene	20.2		1.0	0.36
108-88-3	Toluene	19.4		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.22
108-10-1	4-Methyl-2-pentanone	19.9		10	0.72
10061-01-5	cis-1,3-Dichloropropene	19.1		1.0	0.20
95-50-1	1,2-Dichlorobenzene	19.5		1.0	0.64
541-73-1	1,3-Dichlorobenzene	19.1		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68548/3

Matrix: Solid | Lab File ID: o46645.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/25/2011 20:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68548 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	20.5		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	20.3		1.0	0.65
78-87-5	1,2-Dichloropropane	19.7		1.0	0.32
108-87-2	Methylcyclohexane	19.3		1.0	0.27
127-18-4	Tetrachloroethene	21.5		1.0	0.33
1330-20-7	Xylenes, Total	59.1		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	17.8		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	16.7		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.4		1.0	0.59
124-48-1	Dibromochloromethane	19.4		1.0	0.56
106-93-4	1,2-Dibromoethane	19.6		1.0	0.52
75-71-8	Dichlorodifluoromethane	22.6		1.0	0.41
74-97-5	Bromochloromethane	19.9		1.0	0.27
75-27-4	Bromodichloromethane	19.7		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-138
2037-26-5	Toluene-d8 (Surr)	91		66-126
460-00-4	Bromofluorobenzene	94		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46645.d
Report Date: 25-Mar-2011 21:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46645.d
Lab Smp Id: LCS
Inj Date : 25-MAR-2011 20:32
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/8260L_10.m
Meth Date : 25-Mar-2011 20:15 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 5 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 14 1,2-Dichloroethene (total)	100				234302	40.3562	40
90 Dichlorodifluoromethane	85	0.929	0.929	(0.230)	130046	22.5572	22
1 Chloromethane	50	1.063	1.063	(0.263)	123085	19.8907	20
4 Vinyl Chloride	62	1.087	1.093	(0.269)	135129	22.8403	23
3 Bromomethane	94	1.264	1.264	(0.313)	75240	22.7110	23
5 Chloroethane	64	1.325	1.325	(0.328)	103021	25.2063	25
9 Trichlorofluoromethane	101	1.465	1.465	(0.363)	209913	22.6832	23
121 n-Pentane	72	1.514	1.514	(0.375)	24986	25.6329	26(R)
127 Ethanol	46	1.599	1.593	(0.396)	58012	3012.19	3000
46 Ethyl Ether	59	1.642	1.642	(0.407)	69583	20.8159	21
119 Isoprene	67	1.648	1.648	(0.408)	160180	23.2804	23
47 Acrolein	56	1.715	1.715	(0.425)	34740	121.074	120
10 1,1-Dichloroethene	96	1.770	1.776	(0.438)	96129	21.3028	21
48 Freon TF	101	1.776	1.776	(0.440)	120244	24.0532	24

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46645.d
Report Date: 25-Mar-2011 21:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
7	Acetone	43	1.813	1.813	(0.449)	23307	29.2457	29
142	Iodomethane	142	1.868	1.874	(0.463)	131869	22.0908	22
8	Carbon Disulfide	76	1.904	1.910	(0.472)	279270	19.8800	20
50	Acetonitrile	41	1.990	1.990	(0.493)	150874	466.860	470
125	Methyl acetate	74	2.020	2.020	(0.500)	17821	18.6006	19
6	Methylene Chloride	84	2.081	2.087	(0.515)	109170	20.7492	21
51	TBA	59	2.179	2.179	(0.540)	147212	420.528	420
52	Acrylonitrile	53	2.246	2.252	(0.556)	186039	156.596	160
12	trans-1,2-Dichloroethene	96	2.264	2.264	(0.561)	110483	20.2645	20
53	MTBE	73	2.270	2.270	(0.562)	241822	20.1239	20
49	Isopropanol	45	1.910	1.910	(0.473)	683964	3246.82	3200
54	Hexane	56	2.453	2.459	(0.607)	78386	18.2664	18
11	1,1-Dichloroethane	63	2.563	2.563	(0.635)	173441	20.2465	20
57	Vinyl Acetate	43	2.624	2.624	(0.650)	195822	20.6458	21
55	DIPE	45	2.624	2.630	(0.650)	274669	21.4531	21
149	tert-Butyl ethyl ether	59	2.904	2.904	(0.719)	259433	19.2787	19
104	2,2-Dichloropropane	77	3.008	3.008	(0.745)	165881	19.7214	20
13	cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	123819	20.0917	20
18	2-Butanone	72	3.032	3.038	(0.751)	10244	21.3384	21
56	Ethyl Acetate	70	3.093	3.093	(0.766)	14558	39.0480	39
108	Bromochloromethane	128	3.203	3.209	(0.793)	55225	19.9253	20
15	Chloroform	83	3.282	3.282	(0.813)	185319	19.9798	20
20	1,1,1-Trichloroethane	97	3.428	3.428	(0.849)	174493	20.2639	20
59	Cyclohexane	56	3.471	3.477	(0.860)	173610	19.1225	19
21	Carbon Tetrachloride	117	3.575	3.575	(0.885)	151429	21.2757	21
92	1,1-Dichloropropene	75	3.575	3.581	(0.885)	148897	19.4428	19
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.715	3.721	(0.920)	160945	47.0434	47
28	Benzene	78	3.764	3.770	(0.932)	427010	19.7076	20
17	1,2-Dichloroethane	62	3.788	3.788	(0.938)	112361	18.9676	19
61	Isopropyl Acetate	43	3.880	3.879	(0.961)	289671	40.0718	40
140	tert-Amylmethyl Ether	73	3.892	3.898	(0.964)	243828	20.2442	20
* 69	Fluorobenzene	96	4.038	4.038	(1.000)	930455	50.0000	
156	2,4,4-Trimethyl-1-pentene	112	4.373	4.373	(1.083)	52860	21.5124	22
25	Trichloroethene	95	4.410	4.410	(1.092)	118648	20.1707	20
63	n-Butanol	43	4.404	4.410	(1.091)	72675	1617.92	1600
96	Ethyl Acrylate	55	4.568	4.574	(1.131)	62327	13.2767	13(R)
126	Methyl cyclohexane	83	4.605	4.605	(1.140)	219930	19.3150	19
23	1,2-Dichloropropane	63	4.642	4.648	(1.149)	94072	19.6840	20
109	Dibromomethane	93	4.770	4.769	(1.181)	53214	19.9286	20
95	1,4-Dioxane	88	4.818	4.837	(1.193)	8290	160.675	160
146	Methyl methacrylate	69	4.818	4.824	(1.193)	48124	19.9939	20
64	Propyl Acetate	43	4.904	4.904	(1.214)	164697	42.1077	42
22	Bromodichloromethane	83	4.959	4.965	(1.228)	123039	19.6686	20
30	2-Chloroethyl Vinyl Ether	63	5.349	5.349	(1.325)	15193	21.2947	21
118	Epichlorohydrin	57	5.398	5.403	(1.337)	124772	416.235	420
24	cis-1,3-Dichloropropene	75	5.489	5.495	(1.359)	143684	19.0691	19
33	4-Methyl-2-Pentanone	43	5.715	5.720	(1.415)	50597	19.8623	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46645.d
Report Date: 25-Mar-2011 21:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	693782	45.4024	45
	38 Toluene	91	5.891	5.891	(0.759)	503575	19.4244	19
	29 trans-1,3-Dichloropropene	75	6.208	6.208	(0.800)	119753	18.1371	18
	27 1,1,2-Trichloroethane	83	6.440	6.440	(0.830)	61846	19.4335	19
	35 Tetrachloroethene	166	6.592	6.592	(0.849)	152005	21.4722	21
	103 1,3-Dichloropropane	76	6.653	6.653	(0.857)	129347	18.9400	19
	34 2-Hexanone	43	6.830	6.830	(0.880)	34023	19.2663	19
	26 Dibromochloromethane	129	6.946	6.952	(0.895)	88189	19.3806	19
	65 Butyl Acetate	43	7.050	7.056	(0.908)	180814	42.4894	42
	66 1,2-Dibromoethane	107	7.074	7.080	(0.911)	77538	19.5772	20
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	663473	50.0000	
	39 Chlorobenzene	112	7.800	7.805	(1.005)	321227	19.6830	20
	97 1,1,1,2-Tetrachloroethane	131	7.952	7.946	(1.024)	100664	19.0983	19
	40 Ethylbenzene	106	8.007	8.007	(1.031)	174192	19.8130	20
	43 m+p-Xylene	106	8.190	8.196	(1.055)	438794	39.7637	40
	44 o-Xylene	106	8.787	8.787	(1.132)	206462	19.3557	19
	42 Styrene	104	8.818	8.817	(1.136)	332871	19.3077	19
	147 Butyl Acrylate	55	8.872	8.872	(0.773)	133002	15.9844	16
	31 Bromoform	173	9.055	9.055	(1.166)	53377	16.4622	16
	110 Isopropylbenzene	105	9.397	9.403	(1.210)	577842	22.2337	22
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	261072	46.9794	47
	150 Camphene	41	9.756	9.756	(0.850)	51568	20.5913	20
	107 Bromobenzene	156	9.799	9.799	(0.854)	138401	18.5414	18
	36 1,1,2,2-Tetrachloroethane	83	9.927	9.927	(0.865)	86922	16.6723	17
	99 1,2,3-Trichloropropane	110	9.952	9.945	(0.867)	28799	18.3743	18
	143 trans-1,4-Dichloro-2-butene	53	10.025	10.025	(2.483)	22728	19.0658	19
	112 n-Propylbenzene	91	10.073	10.073	(0.878)	660168	18.9665	19
	105 2-Chlorotoluene	91	10.147	10.153	(0.884)	368557	17.8795	18
	106 4-Chlorotoluene	91	10.342	10.342	(0.901)	386563	17.7328	18
	102 1,3,5-Trimethylbenzene	105	10.390	10.396	(0.905)	472009	18.4658	18
	148 Butyl methacrylate	69	10.671	10.677	(0.930)	118283	13.9371	14(R)
	115 tert-Butylbenzene	119	10.915	10.915	(0.951)	444624	19.2583	19
	100 1,2,4-Trimethylbenzene	105	10.994	11.000	(0.958)	476952	18.3013	18
	114 sec-Butylbenzene	105	11.274	11.274	(0.982)	670225	19.8580	20
	67 1,3-Dichlorobenzene	146	11.366	11.366	(0.990)	290979	19.1163	19
*	91 1,4-Dichlorobenzene-d4	152	11.476	11.475	(1.000)	373255	50.0000	
	68 1,4-Dichlorobenzene	146	11.506	11.506	(1.003)	291486	19.6714	20
	113 p-Isopropyltoluene	119	11.518	11.518	(1.004)	575247	19.7646	20
	69 1,2-Dichlorobenzene	146	11.982	11.981	(1.044)	266393	19.5407	20
	117 Benzyl chloride	91	11.719	11.725	(1.021)	162420	13.8022	14(R)
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	520170	20.0947	20
	101 1,2-Dibromo-3-chloropropane	75	12.860	12.865	(1.121)	15928	17.7764	18
	152 Camphor	95	13.548	13.554	(1.181)	47278	96.9713	97
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	228169	20.5157	20
	94 Hexachlorobutadiene	225	13.811	13.810	(1.203)	128763	21.0774	21
	70 Naphthalene	128	13.841	13.841	(1.206)	423524	21.4187	21
	98 1,2,3-Trichlorobenzene	180	14.042	14.048	(1.224)	202335	20.2569	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46645.d
Report Date: 25-Mar-2011 21:37

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				645256	59.1312	59

QC Flag Legend

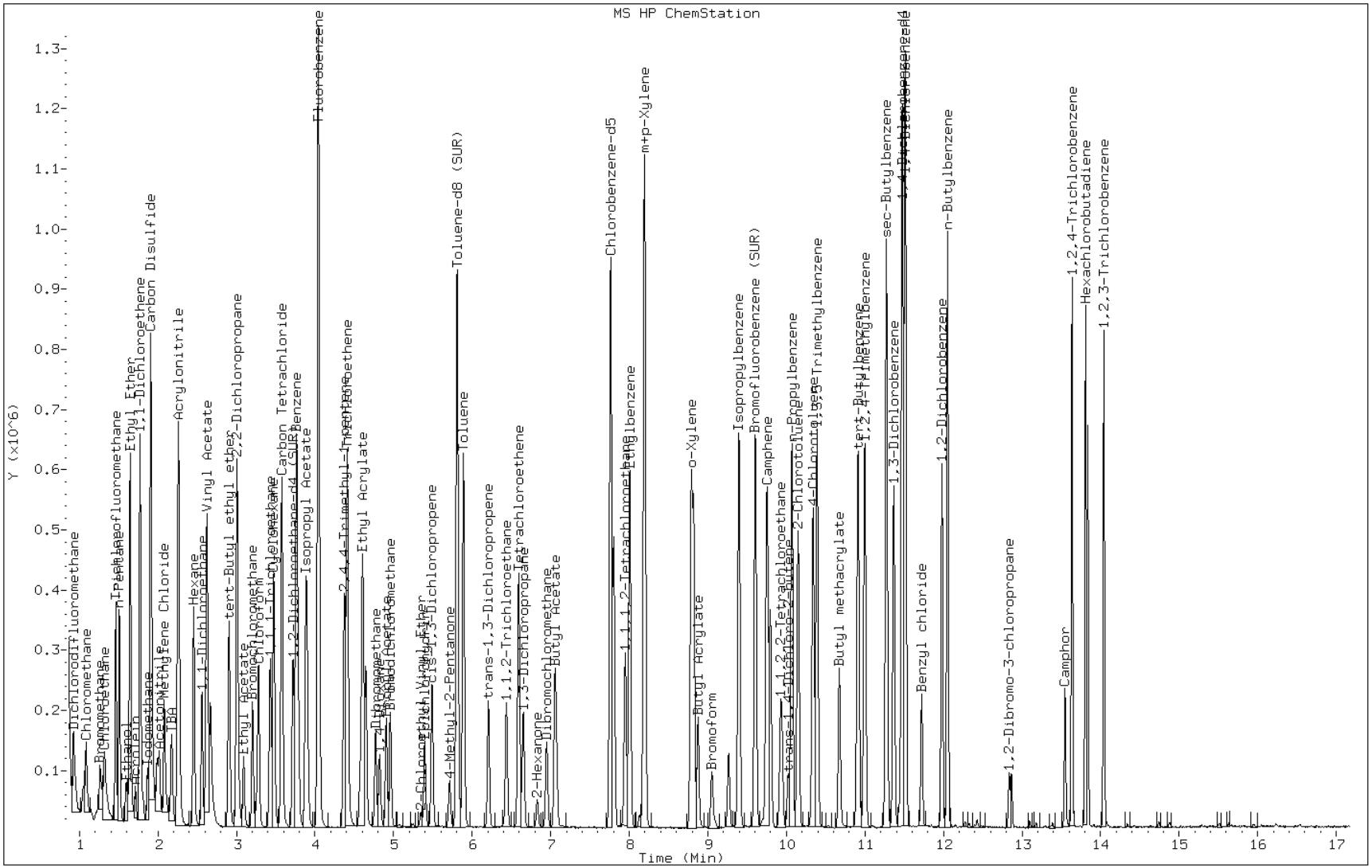
R - Spike/Surrogate failed recovery limits.

Data File: o46645.d

Date: 25-MAR-2011 20:32

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68639/3

Matrix: Solid Lab File ID: o46669.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 04:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68639 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.3		1.0	0.63
74-83-9	Bromomethane	22.6		1.0	0.41
75-01-4	Vinyl chloride	18.4		1.0	0.23
75-00-3	Chloroethane	22.4		1.0	0.40
75-09-2	Methylene Chloride	19.1		1.0	0.47
67-64-1	Acetone	24.9		10	3.7
75-15-0	Carbon disulfide	19.5		1.0	0.46
75-69-4	Trichlorofluoromethane	22.5		1.0	0.26
75-35-4	1,1-Dichloroethene	20.7		1.0	0.37
75-34-3	1,1-Dichloroethane	19.8		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.6		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.24
67-66-3	Chloroform	19.9		1.0	0.24
78-93-3	2-Butanone	21.2		10	0.57
107-06-2	1,2-Dichloroethane	18.5		1.0	0.39
71-55-6	1,1,1-Trichloroethane	21.9		1.0	0.19
56-23-5	Carbon tetrachloride	22.5		1.0	0.10
71-43-2	Benzene	19.8		1.0	0.74
75-25-2	Bromoform	16.3		1.0	0.70
100-42-5	Styrene	19.7		1.0	0.35
100-41-4	Ethylbenzene	20.7		1.0	0.19
108-90-7	Chlorobenzene	20.1		1.0	0.48
110-82-7	Cyclohexane	18.5		1.0	0.22
98-82-8	Isopropylbenzene	21.2		1.0	0.26
591-78-6	2-Hexanone	18.4		10	1.7
1634-04-4	MTBE	20.1		1.0	0.34
76-13-1	Freon TF	24.0		1.0	0.48
79-20-9	Methyl acetate	21.3		1.0	0.90
123-91-1	1,4-Dioxane	153		50	4.2
79-01-6	Trichloroethene	20.4		1.0	0.36
108-88-3	Toluene	19.9		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.22
108-10-1	4-Methyl-2-pentanone	18.6		10	0.72
10061-01-5	cis-1,3-Dichloropropene	19.3		1.0	0.20
95-50-1	1,2-Dichlorobenzene	20.0		1.0	0.64
541-73-1	1,3-Dichlorobenzene	19.8		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68639/3

Matrix: Solid Lab File ID: o46669.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 04:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68639 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	20.3		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	20.0		1.0	0.65
78-87-5	1,2-Dichloropropane	19.1		1.0	0.32
108-87-2	Methylcyclohexane	19.7		1.0	0.27
127-18-4	Tetrachloroethene	22.5		1.0	0.33
1330-20-7	Xylenes, Total	62.0		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	15.9		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	16.6		1.0	0.76
79-00-5	1,1,2-Trichloroethane	18.0		1.0	0.59
124-48-1	Dibromochloromethane	20.2		1.0	0.56
106-93-4	1,2-Dibromoethane	19.7		1.0	0.52
75-71-8	Dichlorodifluoromethane	18.1		1.0	0.41
74-97-5	Bromochloromethane	20.1		1.0	0.27
75-27-4	Bromodichloromethane	19.8		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-138
2037-26-5	Toluene-d8 (Surr)	93		66-126
460-00-4	Bromofluorobenzene	99		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46669.d
Report Date: 28-Mar-2011 05:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46669.d
Lab Smp Id: LCS
Inj Date : 28-MAR-2011 04:47
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/8260L_10.m
Meth Date : 28-Mar-2011 04:46 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 14 1,2-Dichloroethene (total)	100				243699	40.5965	40
90 Dichlorodifluoromethane	85	0.923	0.923	(0.228)	107821	18.0761	18
1 Chloromethane	50	1.063	1.057	(0.263)	104401	16.3065	16
4 Vinyl Chloride	62	1.087	1.087	(0.269)	112815	18.4304	18
3 Bromomethane	94	1.264	1.264	(0.313)	77479	22.6039	23
5 Chloroethane	64	1.319	1.319	(0.327)	94642	22.3811	22
9 Trichlorofluoromethane	101	1.465	1.465	(0.363)	215865	22.5454	22
121 n-Pentane	72	1.508	1.508	(0.373)	18647	18.4891	18
127 Ethanol	46	1.599	1.599	(0.396)	50717	2545.24	2500
46 Ethyl Ether	59	1.636	1.636	(0.405)	64068	18.5244	18
119 Isoprene	67	1.648	1.648	(0.408)	149712	21.0305	21
47 Acrolein	56	1.715	1.715	(0.425)	32497	109.464	110
10 1,1-Dichloroethene	96	1.770	1.770	(0.438)	96428	20.6535	21
48 Freon TF	101	1.776	1.770	(0.440)	124227	24.0180	24

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46669.d
Report Date: 28-Mar-2011 05:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7	Acetone	43	1.813	1.813	(0.449)	20563	24.9383	25
142	Iodomethane	142	1.868	1.868	(0.463)	136217	22.0553	22
8	Carbon Disulfide	76	1.904	1.904	(0.472)	283169	19.4827	19
50	Acetonitrile	41	1.990	1.990	(0.493)	129566	387.503	390
125	Methyl acetate	74	2.014	2.014	(0.499)	21077	21.2622	21
6	Methylene Chloride	84	2.081	2.081	(0.515)	103919	19.0898	19
51	TBA	59	2.172	2.173	(0.538)	139512	385.190	380
52	Acrylonitrile	53	2.246	2.246	(0.556)	154529	125.719	120
12	trans-1,2-Dichloroethene	96	2.258	2.258	(0.559)	116239	20.6066	21
53	MTBE	73	2.270	2.270	(0.562)	250125	20.1180	20
49	Isopropanol	45	1.910	1.910	(0.473)	572146	2625.09	2600
54	Hexane	56	2.453	2.453	(0.607)	85199	19.1892	19
11	1,1-Dichloroethane	63	2.557	2.557	(0.633)	175925	19.8489	20
57	Vinyl Acetate	43	2.624	2.618	(0.650)	162432	16.5521	16
55	DIPE	45	2.624	2.624	(0.650)	274854	20.7488	21
149	tert-Butyl ethyl ether	59	2.904	2.898	(0.719)	273143	19.6180	20
104	2,2-Dichloropropane	77	3.002	3.002	(0.743)	180978	20.7960	21
13	cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	127459	19.9899	20
18	2-Butanone	72	3.032	3.026	(0.751)	10545	21.2289	21
56	Ethyl Acetate	70	3.093	3.087	(0.766)	13848	35.8978	36
108	Bromochloromethane	128	3.203	3.203	(0.793)	57666	20.1095	20
15	Chloroform	83	3.276	3.276	(0.811)	191226	19.9265	20
20	1,1,1-Trichloroethane	97	3.428	3.428	(0.849)	195107	21.8992	22
59	Cyclohexane	56	3.471	3.471	(0.860)	173577	18.4789	18
21	Carbon Tetrachloride	117	3.575	3.575	(0.885)	165696	22.5008	22
92	1,1-Dichloropropene	75	3.575	3.575	(0.885)	159124	20.0825	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	156487	44.2090	44
28	Benzene	78	3.764	3.764	(0.932)	443535	19.7850	20
17	1,2-Dichloroethane	62	3.788	3.782	(0.938)	113144	18.4604	18
61	Isopropyl Acetate	43	3.879	3.880	(0.961)	285389	38.1577	38
140	tert-Amylmethyl Ether	73	3.892	3.892	(0.964)	249059	19.9862	20
* 69	Fluorobenzene	96	4.038	4.038	(1.000)	962683	50.0000	
156	2,4,4-Trimethyl-1-pentene	112	4.373	4.367	(1.083)	52048	20.4726	20
25	Trichloroethene	95	4.404	4.404	(1.091)	124055	20.3839	20
63	n-Butanol	43	4.404	4.404	(1.091)	61199	1361.12	1400
96	Ethyl Acrylate	55	4.568	4.568	(1.131)	67631	13.9243	14(R)
126	Methyl cyclohexane	83	4.599	4.599	(1.139)	232248	19.7140	20
23	1,2-Dichloropropane	63	4.641	4.642	(1.149)	94290	19.0692	19
109	Dibromomethane	93	4.763	4.763	(1.180)	53359	19.3143	19
95	1,4-Dioxane	88	4.818	4.818	(1.193)	8168	153.019	150
146	Methyl methacrylate	69	4.818	4.818	(1.193)	45273	18.1796	18
64	Propyl Acetate	43	4.904	4.898	(1.214)	155822	38.5050	38
22	Bromodichloromethane	83	4.958	4.959	(1.228)	128401	19.8386	20
30	2-Chloroethyl Vinyl Ether	63	5.343	5.349	(1.323)	19168	25.9199	26(R)
118	Epichlorohydrin	57	5.397	5.397	(1.337)	116649	376.106	380
24	cis-1,3-Dichloropropene	75	5.489	5.489	(1.359)	150474	19.3017	19
33	4-Methyl-2-Pentanone	43	5.714	5.708	(1.415)	48901	18.5540	18

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46669.d
Report Date: 28-Mar-2011 05:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	712244	46.3355	46
	38 Toluene	91	5.891	5.891	(0.760)	518723	19.8906	20
	29 trans-1,3-Dichloropropene	75	6.208	6.208	(0.800)	124397	18.7293	19
	27 1,1,2-Trichloroethane	83	6.434	6.434	(0.829)	57514	17.9659	18
	35 Tetrachloroethene	166	6.592	6.592	(0.850)	159918	22.4568	22
	103 1,3-Dichloropropane	76	6.647	6.653	(0.857)	127720	18.5914	18
	34 2-Hexanone	43	6.830	6.824	(0.881)	32674	18.3931	18
	26 Dibromochloromethane	129	6.946	6.946	(0.895)	92472	20.2020	20
	65 Butyl Acetate	43	7.050	7.050	(0.909)	169046	39.4895	39
	66 1,2-Dibromoethane	107	7.074	7.068	(0.912)	78496	19.7020	20
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	667413	50.0000	
	39 Chlorobenzene	112	7.799	7.799	(1.006)	329504	20.0710	20
	97 1,1,1,2-Tetrachloroethane	131	7.946	7.946	(1.024)	111584	21.0452	21
	40 Ethylbenzene	106	8.001	8.001	(1.031)	182925	20.6835	21
	43 m+p-Xylene	106	8.190	8.190	(1.056)	462351	41.6512	42
	44 o-Xylene	106	8.787	8.787	(1.133)	218490	20.3623	20
	42 Styrene	104	8.818	8.818	(1.137)	341715	19.7037	20
	147 Butyl Acrylate	55	8.872	8.866	(0.774)	116915	14.3009	14(R)
	31 Bromoform	173	9.049	9.055	(1.167)	53081	16.2742	16
	110 Isopropylbenzene	105	9.397	9.397	(1.211)	552942	21.1500	21
$	41 Bromofluorobenzene (SUR)	174	9.604	9.604	(0.837)	269634	49.3831	49
	150 Camphene	41	9.750	9.750	(0.850)	40612	16.5048	16
	107 Bromobenzene	156	9.799	9.799	(0.854)	143375	19.5493	20
	36 1,1,2,2-Tetrachloroethane	83	9.921	9.921	(0.865)	84830	16.5603	16
	99 1,2,3-Trichloropropane	110	9.945	9.945	(0.867)	29559	19.1946	19
	143 trans-1,4-Dichloro-2-butene	53	10.025	10.019	(2.483)	23991	19.4511	19
	112 n-Propylbenzene	91	10.067	10.067	(0.878)	685226	20.0365	20
	105 2-Chlorotoluene	91	10.146	10.147	(0.885)	377962	18.6619	19
	106 4-Chlorotoluene	91	10.342	10.342	(0.902)	392254	18.3139	18
	102 1,3,5-Trimethylbenzene	105	10.390	10.390	(0.906)	488703	19.4589	19
	148 Butyl methacrylate	69	10.671	10.677	(0.930)	116447	13.9648	14(R)
	115 tert-Butylbenzene	119	10.909	10.909	(0.951)	469163	20.6825	21
	100 1,2,4-Trimethylbenzene	105	10.994	10.994	(0.959)	497033	19.4110	19
	114 sec-Butylbenzene	105	11.274	11.268	(0.983)	691209	20.8440	21
	67 1,3-Dichlorobenzene	146	11.366	11.366	(0.991)	295801	19.7787	20
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.469	(1.000)	366733	50.0000	
	68 1,4-Dichlorobenzene	146	11.506	11.500	(1.003)	286567	19.6834	20
	113 p-Isopropyltoluene	119	11.512	11.512	(1.004)	592938	20.7347	21
	69 1,2-Dichlorobenzene	146	11.975	11.975	(1.044)	267936	20.0034	20
	117 Benzyl chloride	91	11.719	11.719	(1.022)	167570	14.4931	14
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	523452	20.5810	20
	101 1,2-Dibromo-3-chloropropane	75	12.859	12.866	(1.121)	13972	15.8703	16
	152 Camphor	95	13.548	13.548	(1.181)	42058	87.7986	88
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	221870	20.3041	20
	94 Hexachlorobutadiene	225	13.810	13.810	(1.204)	139442	23.2313	23
	70 Naphthalene	128	13.835	13.841	(1.206)	372155	19.1555	19
	98 1,2,3-Trichlorobenzene	180	14.042	14.042	(1.224)	196082	19.9799	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46669.d
Report Date: 28-Mar-2011 05:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				680841	62.0239	62

QC Flag Legend

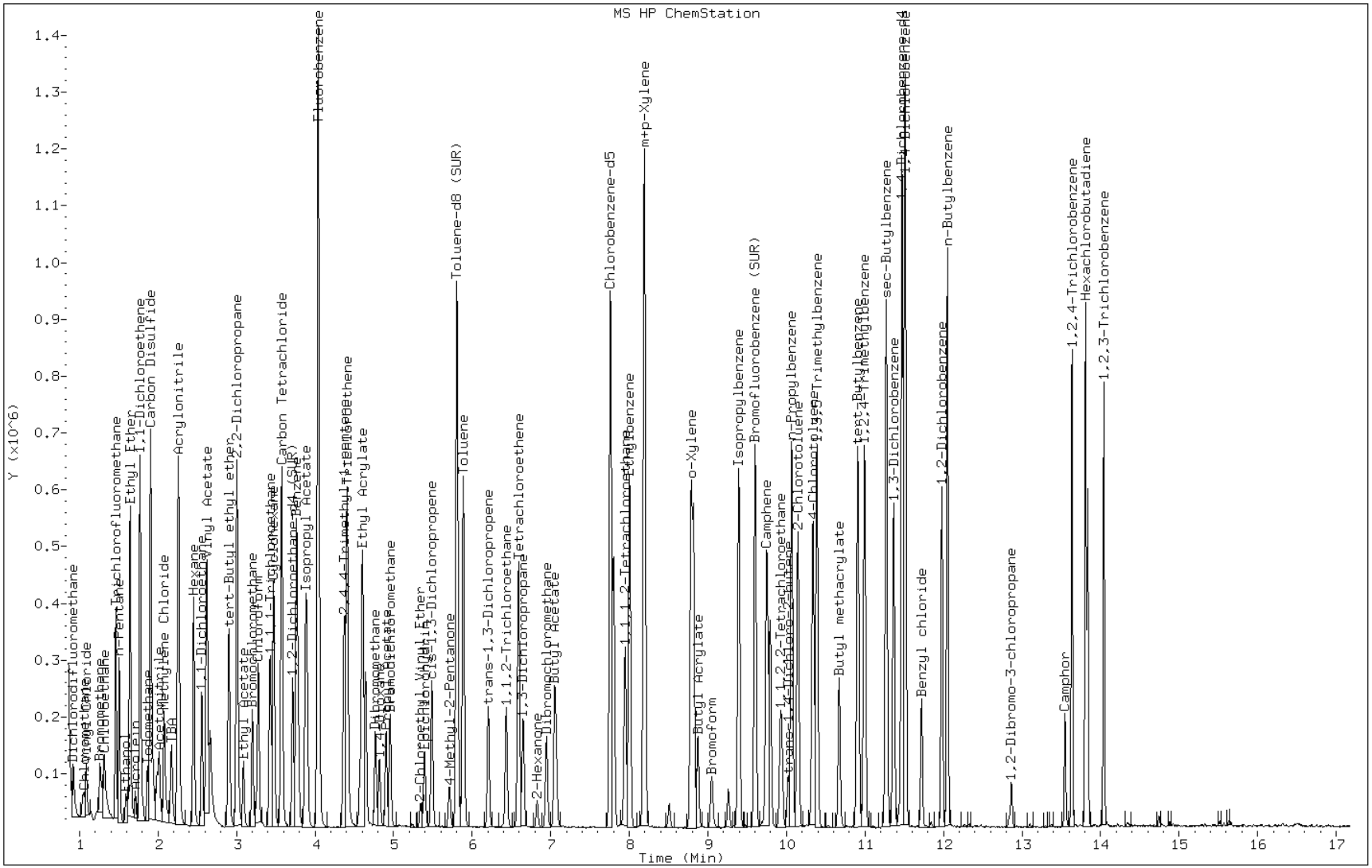
R - Spike/Surrogate failed recovery limits.

Data File: o46669.d

Date: 28-MAR-2011 04:47

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68728/3

Matrix: Solid Lab File ID: o46699.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 18:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.5		1.0	0.63
74-83-9	Bromomethane	23.4		1.0	0.41
75-01-4	Vinyl chloride	18.0		1.0	0.23
75-00-3	Chloroethane	21.7		1.0	0.40
75-09-2	Methylene Chloride	19.6		1.0	0.47
67-64-1	Acetone	26.8		10	3.7
75-15-0	Carbon disulfide	17.4		1.0	0.46
75-69-4	Trichlorofluoromethane	17.3		1.0	0.26
75-35-4	1,1-Dichloroethene	18.9		1.0	0.37
75-34-3	1,1-Dichloroethane	18.7		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.24
67-66-3	Chloroform	19.2		1.0	0.24
78-93-3	2-Butanone	22.1		10	0.57
107-06-2	1,2-Dichloroethane	19.2		1.0	0.39
71-55-6	1,1,1-Trichloroethane	18.2		1.0	0.19
56-23-5	Carbon tetrachloride	18.4		1.0	0.10
71-43-2	Benzene	18.9		1.0	0.74
75-25-2	Bromoform	17.1		1.0	0.70
100-42-5	Styrene	18.9		1.0	0.35
100-41-4	Ethylbenzene	18.9		1.0	0.19
108-90-7	Chlorobenzene	19.2		1.0	0.48
110-82-7	Cyclohexane	16.1		1.0	0.22
98-82-8	Isopropylbenzene	20.6		1.0	0.26
591-78-6	2-Hexanone	21.3		10	1.7
1634-04-4	MTBE	20.4		1.0	0.34
76-13-1	Freon TF	19.7		1.0	0.48
79-20-9	Methyl acetate	20.9		1.0	0.90
123-91-1	1,4-Dioxane	170		50	4.2
79-01-6	Trichloroethene	18.6		1.0	0.36
108-88-3	Toluene	18.3		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.22
108-10-1	4-Methyl-2-pentanone	21.9		10	0.72
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.20
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.64
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68728/3

Matrix: Solid Lab File ID: o46699.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 18:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.3		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	20.4		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	19.9		1.0	0.65
78-87-5	1,2-Dichloropropane	19.4		1.0	0.32
108-87-2	Methylcyclohexane	16.2		1.0	0.27
127-18-4	Tetrachloroethene	19.6		1.0	0.33
1330-20-7	Xylenes, Total	56.5		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.7		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.59
124-48-1	Dibromochloromethane	19.9		1.0	0.56
106-93-4	1,2-Dibromoethane	19.9		1.0	0.52
75-71-8	Dichlorodifluoromethane	16.5		1.0	0.41
74-97-5	Bromochloromethane	20.0		1.0	0.27
75-27-4	Bromodichloromethane	19.6		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	96		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Report Date: 28-Mar-2011 19:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Lab Smp Id: LCS
Inj Date : 28-MAR-2011 18:34
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 4 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 14	1,2-Dichloroethene (total)	100				224779	37.9918	38
90	Dichlorodifluoromethane	85	0.929	0.929	(0.230)	96704	16.4696	16
1	Chloromethane	50	1.069	1.063	(0.265)	110383	17.5144	18
4	Vinyl Chloride	62	1.087	1.087	(0.269)	108554	18.0155	18
3	Bromomethane	94	1.264	1.270	(0.313)	78872	23.3754	23
5	Chloroethane	64	1.325	1.325	(0.328)	90133	21.6530	22
9	Trichlorofluoromethane	101	1.465	1.465	(0.363)	162961	17.2901	17
121	n-Pentane	72	1.514	1.514	(0.375)	19446	19.5870	20
127	Ethanol	46	1.593	1.593	(0.395)	61129	3116.46	3100
46	Ethyl Ether	59	1.642	1.642	(0.407)	71142	20.8960	21
119	Isoprene	67	1.648	1.648	(0.408)	138086	19.7051	20
47	Acrolein	56	1.715	1.715	(0.425)	31958	109.357	110
10	1,1-Dichloroethene	96	1.770	1.776	(0.438)	86793	18.8848	19
48	Freon TF	101	1.776	1.776	(0.440)	100336	19.7068	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Report Date: 28-Mar-2011 19:18

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	7 Acetone	43	1.813	1.813	(0.449)	21750	26.7966	27
	142 Iodomethane	142	1.868	1.868	(0.463)	119520	19.6590	20
	8 Carbon Disulfide	76	1.904	1.904	(0.472)	249071	17.4086	17
	50 Acetonitrile	41	1.990	1.996	(0.493)	174185	529.215	530
	125 Methyl acetate	74	2.020	2.020	(0.500)	20418	20.9239	21
	6 Methylene Chloride	84	2.081	2.081	(0.515)	104920	19.5796	20
	51 TBA	59	2.173	2.173	(0.538)	164775	462.160	460
	52 Acrylonitrile	53	2.246	2.252	(0.556)	194676	160.893	160
	12 trans-1,2-Dichloroethene	96	2.264	2.264	(0.561)	104950	18.9004	19
	53 MTBE	73	2.270	2.270	(0.562)	249604	20.3946	20
	49 Isopropanol	45	1.910	1.910	(0.473)	724420	3376.48	3400
	54 Hexane	56	2.453	2.459	(0.607)	65767	15.0477	15
	11 1,1-Dichloroethane	63	2.563	2.563	(0.635)	162920	18.6732	19
	57 Vinyl Acetate	43	2.618	2.624	(0.648)	203572	21.0735	21
	55 DIPE	45	2.624	2.624	(0.650)	277232	21.2604	21
	149 tert-Butyl ethyl ether	59	2.904	2.904	(0.719)	273124	19.9278	20
	104 2,2-Dichloropropane	77	3.008	3.008	(0.745)	154270	18.0083	18
	13 cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	119829	19.0914	19
	18 2-Butanone	72	3.032	3.032	(0.751)	10796	22.0796	22
	56 Ethyl Acetate	70	3.093	3.093	(0.766)	15219	40.0798	40
	108 Bromochloromethane	128	3.203	3.209	(0.793)	56577	20.0429	20
	15 Chloroform	83	3.282	3.282	(0.813)	181174	19.1786	19
	20 1,1,1-Trichloroethane	97	3.428	3.428	(0.849)	159670	18.2061	18
	59 Cyclohexane	56	3.471	3.477	(0.860)	148654	16.0766	16
	21 Carbon Tetrachloride	117	3.575	3.575	(0.885)	133678	18.4409	18
	92 1,1-Dichloropropene	75	3.581	3.581	(0.887)	140424	18.0037	18
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	162535	46.6461	47
	28 Benzene	78	3.764	3.770	(0.932)	417266	18.9085	19
	17 1,2-Dichloroethane	62	3.788	3.788	(0.938)	116093	19.2421	19
	61 Isopropyl Acetate	43	3.880	3.880	(0.961)	307348	41.7457	42
	140 tert-Amylmethyl Ether	73	3.898	3.898	(0.965)	256630	20.9205	21
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	947648	50.0000	
	156 2,4,4-Trimethyl-1-pentene	112	4.373	4.373	(1.083)	42500	16.9824	17
	25 Trichloroethene	95	4.410	4.410	(1.092)	111706	18.6460	19
	63 n-Butanol	43	4.404	4.410	(1.091)	75577	1645.71	1600
	96 Ethyl Acrylate	55	4.574	4.575	(1.133)	80709	16.8804	17
	126 Methyl cyclohexane	83	4.605	4.605	(1.140)	187461	16.1648	16
	23 1,2-Dichloropropane	63	4.642	4.648	(1.149)	94440	19.4025	19
	109 Dibromomethane	93	4.770	4.770	(1.181)	55027	20.2338	20
	95 1,4-Dioxane	88	4.824	4.812	(1.195)	8953	170.391	170
	146 Methyl methacrylate	69	4.818	4.818	(1.193)	53621	21.8732	22
	64 Propyl Acetate	43	4.904	4.904	(1.214)	180578	45.3302	45
	22 Bromodichloromethane	83	4.959	4.965	(1.228)	124666	19.5672	20
	30 2-Chloroethyl Vinyl Ether	63	5.355	5.349	(1.326)	5531	7.65193	7.6(R)
	118 Epichlorohydrin	57	5.397	5.398	(1.337)	133503	437.278	440
	24 cis-1,3-Dichloropropene	75	5.495	5.495	(1.361)	144972	18.8909	19
	33 4-Methyl-2-Pentanone	43	5.715	5.715	(1.415)	56741	21.8699	22

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Report Date: 28-Mar-2011 19:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	700804	45.0717	45
	38 Toluene	91	5.891	5.891	(0.759)	483900	18.3438	18
	29 trans-1,3-Dichloropropene	75	6.208	6.208	(0.800)	124856	18.5842	18
	27 1,1,2-Trichloroethane	83	6.440	6.440	(0.830)	63522	19.6164	20
	35 Tetrachloroethene	166	6.592	6.599	(0.849)	141020	19.5773	20
	103 1,3-Dichloropropane	76	6.653	6.653	(0.857)	128851	18.5423	18
	34 2-Hexanone	43	6.830	6.830	(0.880)	38333	21.3331	21
	26 Dibromochloromethane	129	6.952	6.952	(0.896)	92087	19.8886	20
	65 Butyl Acetate	43	7.050	7.056	(0.908)	189328	43.7234	44
	66 1,2-Dibromoethane	107	7.074	7.074	(0.911)	80037	19.8598	20
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	675105	50.0000	
	39 Chlorobenzene	112	7.799	7.800	(1.005)	318203	19.1618	19
	97 1,1,1,2-Tetrachloroethane	131	7.946	7.952	(1.024)	102219	19.0591	19
	40 Ethylbenzene	106	8.007	8.007	(1.031)	168733	18.8614	19
	43 m+p-Xylene	106	8.190	8.196	(1.055)	424881	37.8395	38
	44 o-Xylene	106	8.787	8.787	(1.132)	202585	18.6650	19
	42 Styrene	104	8.818	8.818	(1.136)	331308	18.8859	19
	147 Butyl Acrylate	55	8.872	8.872	(0.773)	130416	15.5912	16
	31 Bromoform	173	9.055	9.055	(1.166)	56364	17.0838	17
	110 Isopropylbenzene	105	9.403	9.403	(1.211)	544225	20.5794	20
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	269026	48.1565	48
	150 Camphene	41	9.756	9.756	(0.850)	44436	17.6501	18
	107 Bromobenzene	156	9.799	9.799	(0.854)	139366	18.5726	18
	36 1,1,2,2-Tetrachloroethane	83	9.927	9.927	(0.865)	92693	17.6858	18
	99 1,2,3-Trichloropropane	110	9.945	9.945	(0.867)	30886	19.6021	20
	143 trans-1,4-Dichloro-2-butene	53	10.019	10.025	(2.481)	22514	18.5433	18
	112 n-Propylbenzene	91	10.073	10.073	(0.878)	623791	17.8272	18
	105 2-Chlorotoluene	91	10.153	10.153	(0.885)	361982	17.4683	17
	106 4-Chlorotoluene	91	10.342	10.342	(0.901)	377820	17.2407	17
	102 1,3,5-Trimethylbenzene	105	10.390	10.390	(0.905)	455287	17.7180	18
	148 Butyl methacrylate	69	10.677	10.677	(0.930)	121634	14.2567	14(R)
	115 tert-Butylbenzene	119	10.915	10.915	(0.951)	421371	18.1552	18
	100 1,2,4-Trimethylbenzene	105	11.000	11.000	(0.959)	468038	17.8649	18
	114 sec-Butylbenzene	105	11.274	11.274	(0.982)	608547	17.9359	18
	67 1,3-Dichlorobenzene	146	11.366	11.366	(0.990)	289032	18.8886	19
*	91 1,4-Dichlorobenzene-d4	152	11.476	11.476	(1.000)	375226	50.0000	
	68 1,4-Dichlorobenzene	146	11.506	11.506	(1.003)	287447	19.2969	19
	113 p-Isopropyltoluene	119	11.518	11.518	(1.004)	537148	18.3586	18
	69 1,2-Dichlorobenzene	146	11.982	11.982	(1.044)	263642	19.2373	19
	117 Benzyl chloride	91	11.719	11.720	(1.021)	174140	14.7204	15
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	470118	18.0657	18
	101 1,2-Dibromo-3-chloropropane	75	12.866	12.866	(1.121)	16644	18.4776	18
	152 Camphor	95	13.548	13.548	(1.181)	55487	113.208	110
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	228569	20.4438	20
	94 Hexachlorobutadiene	225	13.810	13.811	(1.203)	119582	19.4717	19
	70 Naphthalene	128	13.841	13.841	(1.206)	431463	21.7055	22
	98 1,2,3-Trichlorobenzene	180	14.042	14.048	(1.224)	200193	19.9371	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Report Date: 28-Mar-2011 19:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				627466	56.5102	56

QC Flag Legend

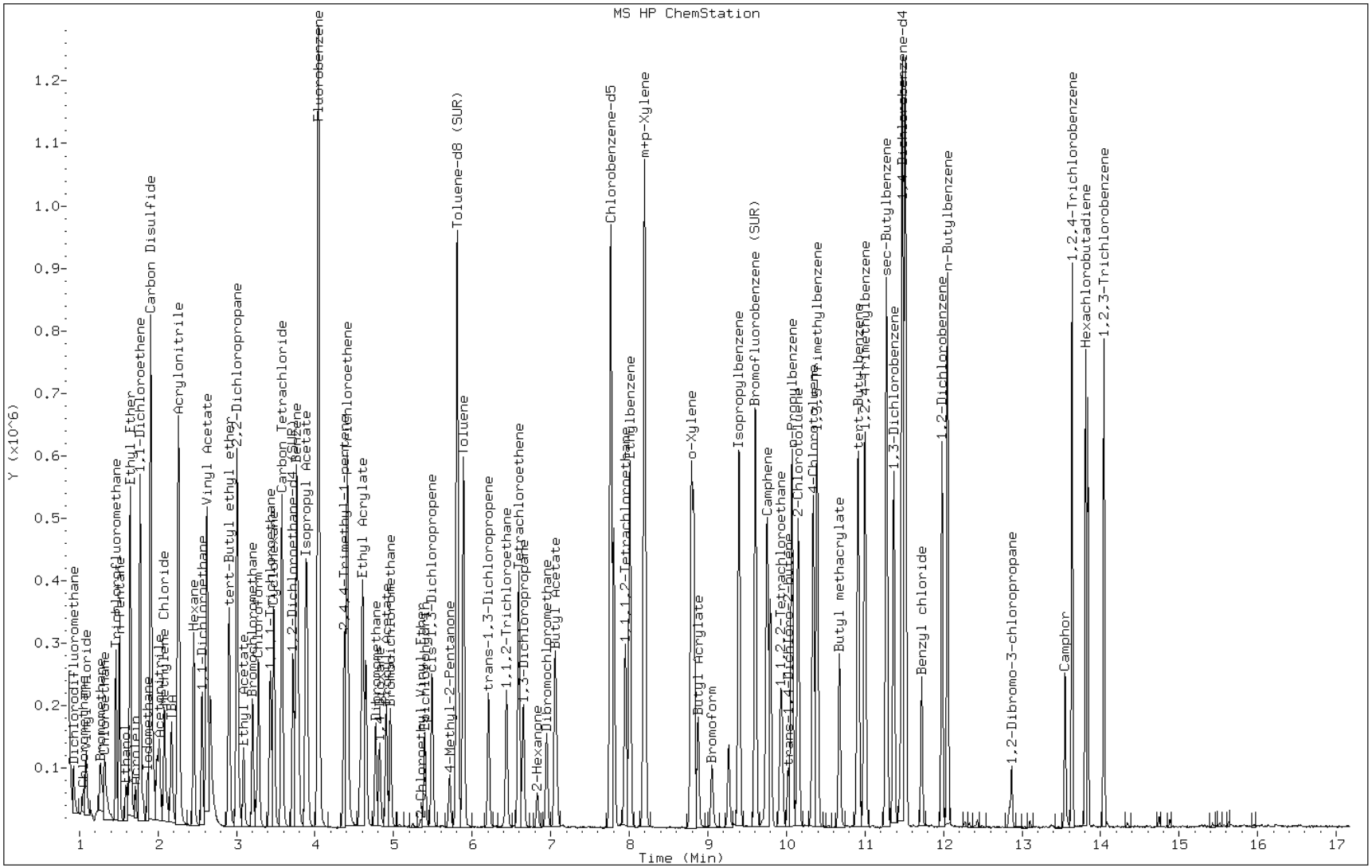
R - Spike/Surrogate failed recovery limits.

Data File: o46699.d

Date: 28-MAR-2011 18:34

Client ID: Instrument: VOAMS12.i

Sample Info: LCS Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68801/3

Matrix: Solid Lab File ID: o46723.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/29/2011 05:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.6		1.0	0.63
74-83-9	Bromomethane	22.3		1.0	0.41
75-01-4	Vinyl chloride	17.3		1.0	0.23
75-00-3	Chloroethane	22.8		1.0	0.40
75-09-2	Methylene Chloride	20.6		1.0	0.47
67-64-1	Acetone	29.9		10	3.7
75-15-0	Carbon disulfide	18.8		1.0	0.46
75-69-4	Trichlorofluoromethane	22.8		1.0	0.26
75-35-4	1,1-Dichloroethene	20.7		1.0	0.37
75-34-3	1,1-Dichloroethane	20.7		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.1		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	20.7		1.0	0.24
67-66-3	Chloroform	20.3		1.0	0.24
78-93-3	2-Butanone	21.3		10	0.57
107-06-2	1,2-Dichloroethane	19.7		1.0	0.39
71-55-6	1,1,1-Trichloroethane	21.3		1.0	0.19
56-23-5	Carbon tetrachloride	21.9		1.0	0.10
71-43-2	Benzene	20.3		1.0	0.74
75-25-2	Bromoform	16.9		1.0	0.70
100-42-5	Styrene	20.6		1.0	0.35
100-41-4	Ethylbenzene	20.9		1.0	0.19
108-90-7	Chlorobenzene	20.9		1.0	0.48
110-82-7	Cyclohexane	18.1		1.0	0.22
98-82-8	Isopropylbenzene	21.5		1.0	0.26
591-78-6	2-Hexanone	18.1		10	1.7
1634-04-4	MTBE	19.9		1.0	0.34
76-13-1	Freon TF	22.5		1.0	0.48
79-20-9	Methyl acetate	22.5		1.0	0.90
123-91-1	1,4-Dioxane	157		50	4.2
79-01-6	Trichloroethene	20.7		1.0	0.36
108-88-3	Toluene	20.3		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.22
108-10-1	4-Methyl-2-pentanone	18.4		10	0.72
10061-01-5	cis-1,3-Dichloropropene	20.3		1.0	0.20
95-50-1	1,2-Dichlorobenzene	20.6		1.0	0.64
541-73-1	1,3-Dichlorobenzene	20.2		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68801/3

Matrix: Solid Lab File ID: o46723.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/29/2011 05:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.6		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	20.9		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	21.0		1.0	0.65
78-87-5	1,2-Dichloropropane	20.0		1.0	0.32
108-87-2	Methylcyclohexane	18.8		1.0	0.27
127-18-4	Tetrachloroethene	22.2		1.0	0.33
1330-20-7	Xylenes, Total	62.7		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	17.5		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1.0	0.76
79-00-5	1,1,2-Trichloroethane	20.8		1.0	0.59
124-48-1	Dibromochloromethane	20.3		1.0	0.56
106-93-4	1,2-Dibromoethane	21.1		1.0	0.52
75-71-8	Dichlorodifluoromethane	17.1		1.0	0.41
74-97-5	Bromochloromethane	21.2		1.0	0.27
75-27-4	Bromodichloromethane	20.9		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-138
2037-26-5	Toluene-d8 (Surr)	93		66-126
460-00-4	Bromofluorobenzene	98		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46723.d
Report Date: 29-Mar-2011 05:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46723.d
Lab Smp Id: LCS
Inj Date : 29-MAR-2011 05:16
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 14	1,2-Dichloroethene (total)	100				251330	41.8740	42
90	Dichlorodifluoromethane	85	0.923	0.923	(0.229)	102159	17.1356	17
1	Chloromethane	50	1.057	1.063	(0.262)	100041	15.6335	16
4	Vinyl Chloride	62	1.087	1.087	(0.270)	105594	17.2596	17
3	Bromomethane	94	1.264	1.264	(0.314)	76511	22.3329	22
5	Chloroethane	64	1.319	1.319	(0.327)	96387	22.8054	23
9	Trichlorofluoromethane	101	1.459	1.459	(0.362)	218322	22.8138	23
121	n-Pentane	72	1.508	1.508	(0.374)	18801	18.6519	19
127	Ethanol	46	1.593	1.593	(0.395)	58978	2961.36	3000
46	Ethyl Ether	59	1.636	1.636	(0.406)	66066	19.1118	19
119	Isoprene	67	1.648	1.648	(0.409)	145998	20.5193	20
47	Acrolein	56	1.709	1.715	(0.424)	34056	114.773	110
10	1,1-Dichloroethene	96	1.770	1.770	(0.439)	96714	20.7255	21
48	Freon TF	101	1.770	1.770	(0.439)	116447	22.5255	22

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46723.d
Report Date: 29-Mar-2011 05:36

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	7	Acetone	43	1.813	1.807	(0.450)	24625	29.8802	30
	142	Iodomethane	142	1.868	1.862	(0.463)	124179	20.1166	20
	8	Carbon Disulfide	76	1.904	1.898	(0.472)	272470	18.7563	19
	50	Acetonitrile	41	1.990	1.990	(0.493)	155408	465.030	460
	125	Methyl acetate	74	2.020	2.014	(0.501)	22275	22.4823	22
	6	Methylene Chloride	84	2.081	2.081	(0.516)	112344	20.6482	21
	51	TBA	59	2.173	2.172	(0.539)	143637	396.783	400
	52	Acrylonitrile	53	2.246	2.246	(0.557)	180205	146.683	150
	12	trans-1,2-Dichloroethene	96	2.258	2.258	(0.560)	119135	21.1307	21
	53	MTBE	73	2.264	2.264	(0.562)	246900	19.8688	20
	49	Isopropanol	45	1.910	1.910	(0.474)	664145	3048.76	3000
	54	Hexane	56	2.453	2.453	(0.608)	83430	18.8004	19
	11	1,1-Dichloroethane	63	2.557	2.557	(0.634)	183157	20.6755	21
	57	Vinyl Acetate	43	2.618	2.618	(0.649)	161112	16.4260	16
	55	DIPE	45	2.618	2.624	(0.649)	280606	21.1939	21
	149	tert-Butyl ethyl ether	59	2.904	2.898	(0.720)	265492	19.0782	19
	104	2,2-Dichloropropane	77	3.002	3.002	(0.744)	176930	20.3413	20
	13	cis-1,2-Dichloroethene	96	3.002	3.002	(0.744)	132195	20.7433	21
	18	2-Butanone	72	3.026	3.026	(0.751)	10580	21.3106	21
	56	Ethyl Acetate	70	3.087	3.087	(0.766)	13002	33.7238	34
	108	Bromochloromethane	128	3.203	3.203	(0.794)	60677	21.1704	21
	15	Chloroform	83	3.276	3.276	(0.812)	194374	20.2649	20
	20	1,1,1-Trichloroethane	97	3.422	3.422	(0.849)	189466	21.2770	21
	59	Cyclohexane	56	3.465	3.471	(0.859)	169942	18.1012	18
	21	Carbon Tetrachloride	117	3.569	3.569	(0.885)	161176	21.8983	22
	92	1,1-Dichloropropene	75	3.575	3.575	(0.887)	160593	20.2783	20
$	16	1,2-Dichloroethane-d4 (SUR)	65	3.709	3.709	(0.920)	164573	46.5173	46
	28	Benzene	78	3.758	3.758	(0.932)	454740	20.2952	20
	17	1,2-Dichloroethane	62	3.782	3.782	(0.938)	120678	19.6998	20
	61	Isopropyl Acetate	43	3.874	3.873	(0.961)	280146	37.4760	37
	140	tert-Amylmethyl Ether	73	3.892	3.892	(0.965)	240636	19.3202	19
*	69	Fluorobenzene	96	4.032	4.032	(1.000)	962189	50.0000	
	156	2,4,4-Trimethyl-1-pentene	112	4.367	4.367	(1.083)	51171	20.1381	20
	25	Trichloroethene	95	4.404	4.404	(1.092)	125813	20.6834	21
	63	n-Butanol	43	4.404	4.404	(1.092)	69909	1523.99	1500
	96	Ethyl Acrylate	55	4.562	4.568	(1.132)	76004	15.6560	16
	126	Methyl cyclohexane	83	4.599	4.599	(1.141)	220818	18.7534	19
	23	1,2-Dichloropropane	63	4.636	4.635	(1.150)	98712	19.9737	20
	109	Dibromomethane	93	4.764	4.763	(1.181)	58245	21.0934	21
	95	1,4-Dioxane	88	4.812	4.818	(1.194)	8392	157.300	160
	146	Methyl methacrylate	69	4.812	4.812	(1.194)	47973	19.2737	19
	64	Propyl Acetate	43	4.898	4.898	(1.215)	161377	39.8981	40
	22	Bromodichloromethane	83	4.959	4.952	(1.230)	134925	20.8573	21
	30	2-Chloroethyl Vinyl Ether	63	5.343	5.343	(1.325)	13978	18.9613	19
	118	Epichlorohydrin	57	5.391	5.391	(1.337)	120311	388.114	390
	24	cis-1,3-Dichloropropene	75	5.489	5.489	(1.361)	158532	20.3457	20
	33	4-Methyl-2-Pentanone	43	5.709	5.708	(1.416)	48368	18.3609	18

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46723.d
Report Date: 29-Mar-2011 05:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	726301	46.5957	46
	38 Toluene	91	5.885	5.885	(0.759)	537706	20.3330	20
	29 trans-1,3-Dichloropropene	75	6.202	6.202	(0.800)	129546	19.2344	19
	27 1,1,2-Trichloroethane	83	6.434	6.434	(0.829)	67424	20.7698	21
	35 Tetrachloroethene	166	6.586	6.586	(0.849)	159969	22.1528	22
	103 1,3-Dichloropropane	76	6.647	6.647	(0.857)	138845	19.9310	20
	34 2-Hexanone	43	6.824	6.824	(0.880)	32644	18.1220	18
	26 Dibromochloromethane	129	6.940	6.940	(0.895)	94385	20.3344	20
	65 Butyl Acetate	43	7.044	7.050	(0.908)	169799	39.1163	39
	66 1,2-Dibromoethane	107	7.068	7.068	(0.911)	85255	21.1021	21
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	676783	50.0000	
	39 Chlorobenzene	112	7.793	7.793	(1.005)	348365	20.9261	21
	97 1,1,1,2-Tetrachloroethane	131	7.940	7.946	(1.024)	115237	21.4331	21
	40 Ethylbenzene	106	8.001	8.001	(1.031)	187837	20.9448	21
	43 m+p-Xylene	106	8.184	8.184	(1.055)	472103	41.9409	42
	44 o-Xylene	106	8.781	8.781	(1.132)	226133	20.7829	21
	42 Styrene	104	8.812	8.811	(1.136)	362843	20.6323	21
	147 Butyl Acrylate	55	8.866	8.866	(0.773)	116616	14.1199	14(R)
	31 Bromoform	173	9.049	9.049	(1.167)	55837	16.8823	17
	110 Isopropylbenzene	105	9.391	9.391	(1.211)	569986	21.5001	22
$	41 Bromofluorobenzene (SUR)	174	9.598	9.604	(0.837)	271252	49.1767	49
	150 Camphene	41	9.744	9.750	(0.850)	39545	15.9084	16
	107 Bromobenzene	156	9.793	9.793	(0.854)	152403	20.5700	20
	36 1,1,2,2-Tetrachloroethane	83	9.921	9.921	(0.865)	92334	17.8428	18
	99 1,2,3-Trichloropropane	110	9.945	9.939	(0.867)	31249	20.0864	20
	143 trans-1,4-Dichloro-2-butene	53	10.019	10.019	(2.485)	24740	20.0693	20
	112 n-Propylbenzene	91	10.067	10.067	(0.878)	702355	20.3295	20
	105 2-Chlorotoluene	91	10.147	10.147	(0.885)	392037	19.1610	19
	106 4-Chlorotoluene	91	10.336	10.336	(0.901)	404543	18.6965	19
	102 1,3,5-Trimethylbenzene	105	10.384	10.384	(0.905)	507225	19.9921	20
	148 Butyl methacrylate	69	10.671	10.671	(0.930)	114020	13.5354	14(R)
	115 tert-Butylbenzene	119	10.909	10.909	(0.951)	481117	20.9949	21
	100 1,2,4-Trimethylbenzene	105	10.994	10.994	(0.959)	511916	19.7899	20
	114 sec-Butylbenzene	105	11.268	11.268	(0.982)	712437	21.2667	21
	67 1,3-Dichlorobenzene	146	11.360	11.360	(0.990)	305727	20.2355	20
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.469	(1.000)	370482	50.0000	
	68 1,4-Dichlorobenzene	146	11.500	11.500	(1.003)	302266	20.5516	20
	113 p-Isopropyltoluene	119	11.512	11.512	(1.004)	610301	21.1259	21
	69 1,2-Dichlorobenzene	146	11.976	11.975	(1.044)	278298	20.5667	20
	117 Benzyl chloride	91	11.713	11.719	(1.021)	159028	13.6151	14(R)
	111 n-Butylbenzene	91	12.043	12.049	(1.050)	548241	21.3376	21
	101 1,2-Dibromo-3-chloropropane	75	12.860	12.859	(1.121)	15604	17.5449	18
	152 Camphor	95	13.548	13.548	(1.181)	40272	83.2186	83
	93 1,2,4-Trichlorobenzene	180	13.634	13.634	(1.189)	230227	20.8558	21
	94 Hexachlorobutadiene	225	13.811	13.810	(1.204)	138279	22.8045	23
	70 Naphthalene	128	13.835	13.835	(1.206)	393256	20.0368	20
	98 1,2,3-Trichlorobenzene	180	14.042	14.042	(1.224)	208425	21.0228	21

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46723.d
Report Date: 29-Mar-2011 05:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				698237	62.7280	63

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: o46723.d

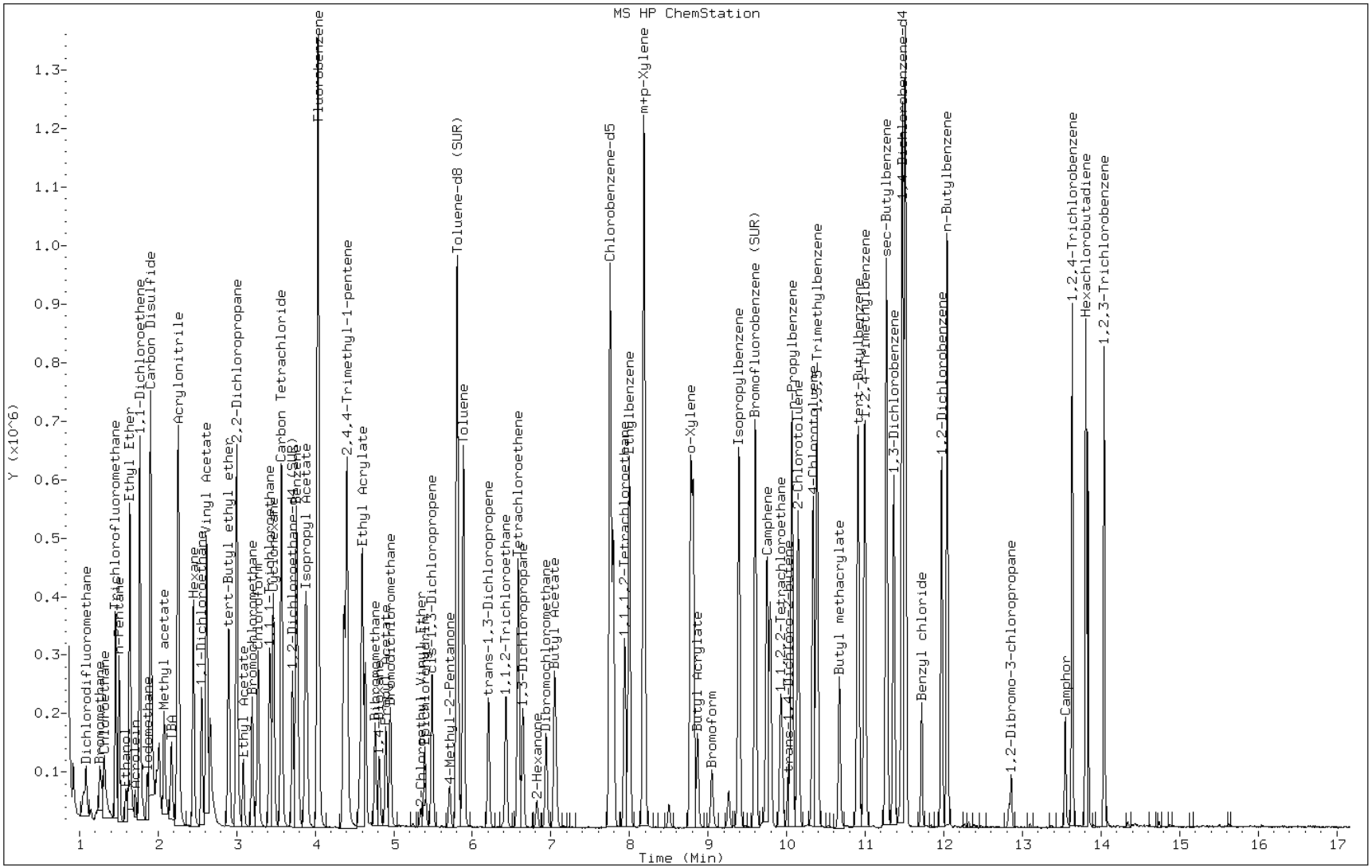
Date: 29-MAR-2011 05:16

Client ID:

Instrument: VOAMS12.i

Sample Info: LCS

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68934/3

Matrix: Solid Lab File ID: p45575.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/30/2011 10:38

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1720		100	21
74-83-9	Bromomethane	1840		100	31
75-01-4	Vinyl chloride	1690		100	12
75-00-3	Chloroethane	1900		100	45
75-09-2	Methylene Chloride	2060		100	19
67-64-1	Acetone	2410		1000	250
75-15-0	Carbon disulfide	1670		100	15
75-69-4	Trichlorofluoromethane	1120		100	16
75-35-4	1,1-Dichloroethene	2130		100	14
75-34-3	1,1-Dichloroethane	2020		100	10
156-60-5	trans-1,2-Dichloroethene	2180		100	14
156-59-2	cis-1,2-Dichloroethene	2090		100	19
67-66-3	Chloroform	2100		100	16
78-93-3	2-Butanone	1540		1000	82
107-06-2	1,2-Dichloroethane	1940		100	25
71-55-6	1,1,1-Trichloroethane	2130		100	25
56-23-5	Carbon tetrachloride	2220		100	18
71-43-2	Benzene	2040		100	12
75-25-2	Bromoform	2120		100	9.9
100-42-5	Styrene	1870		100	14
100-41-4	Ethylbenzene	2080		100	25
108-90-7	Chlorobenzene	2080		100	17
110-82-7	Cyclohexane	1840		100	12
98-82-8	Isopropylbenzene	2300		100	21
591-78-6	2-Hexanone	1970		1000	55
1634-04-4	MTBE	2030		100	19
76-13-1	Freon TF	2020		100	29
79-20-9	Methyl acetate	1660		200	33
123-91-1	1,4-Dioxane	13400		5000	850
79-01-6	Trichloroethene	2020		100	18
108-88-3	Toluene	2020		100	9.5
10061-02-6	trans-1,3-Dichloropropene	1950		100	12
108-10-1	4-Methyl-2-pentanone	1530		1000	68
10061-01-5	cis-1,3-Dichloropropene	1830		100	10
95-50-1	1,2-Dichlorobenzene	2120		100	16
541-73-1	1,3-Dichlorobenzene	2080		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68934/3

Matrix: Solid | Lab File ID: p45575.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/30/2011 10:38

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2070		100	15
120-82-1	1,2,4-Trichlorobenzene	2130		100	44
87-61-6	1,2,3-Trichlorobenzene	2300		100	83
78-87-5	1,2-Dichloropropane	1950		100	8.7
108-87-2	Methylcyclohexane	2030		100	8.0
127-18-4	Tetrachloroethene	2230		100	20
1330-20-7	Xylenes, Total	6040		300	43
96-12-8	1,2-Dibromo-3-Chloropropane	1850		100	15
79-34-5	1,1,2,2-Tetrachloroethane	1820		100	8.6
79-00-5	1,1,2-Trichloroethane	1960		100	9.7
124-48-1	Dibromochloromethane	2030		100	10
106-93-4	1,2-Dibromoethane	2020		100	9.1
75-71-8	Dichlorodifluoromethane	1110		100	28
74-97-5	Bromochloromethane	2270		100	17
75-27-4	Bromodichloromethane	2040		100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		57-135
2037-26-5	Toluene-d8 (Surr)	91		46-130
460-00-4	Bromofluorobenzene	120		50-124

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45575.d
Report Date: 30-Mar-2011 16:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45575.d
Lab Smp Id: LCS
Inj Date : 30-MAR-2011 10:38
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	0.678	0.671	(0.228)	23559	11.0521	1100
3 Chloromethane	50	0.756	0.756	(0.255)	54365	17.2193	1700
4 Vinyl Chloride	62	0.778	0.778	(0.262)	48265	16.9384	1700
6 Bromomethane	94	0.892	0.893	(0.301)	33754	18.3771	1800
5 Chloroethane	64	0.935	0.936	(0.315)	39126	18.9618	1900
7 Trichlorofluoromethane	101	0.986	0.979	(0.332)	52934	11.2356	1100(R)
8 n-Pentane	72	0.986	0.971	(0.332)	7179	15.5325	1600
9 Ethanol	46	1.193	1.201	(0.402)	32301	2403.93	240000
10 Isoprene	67	1.107	1.100	(0.373)	60634	18.9757	1900
11 Ethyl Ether	59	1.115	1.115	(0.375)	39895	20.0161	2000
13 Acrolein	56	1.344	1.344	(0.452)	5978	19.7708	2000
15 1,1-Dichloroethene	96	1.193	1.186	(0.402)	34744	21.2515	2100
14 Freon TF	101	1.215	1.208	(0.409)	40387	20.2146	2000
16 Acetone	58	1.487	1.480	(0.501)	4607	24.1190	2400

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45575.d
Report Date: 30-Mar-2011 16:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	18 Carbon Disulfide	76	1.208	1.201	(0.407)	112580	16.7007	1700
	19 Isopropanol	45	1.437	1.437	(0.484)	391281	2506.22	250000
	21 Acetonitrile	39	1.716	1.716	(0.578)	17180	325.299	32000
	27 Methyl Acetate	74	1.537	1.537	(0.518)	8766	16.6149	1700
	22 Methylene Chloride	84	1.458	1.451	(0.491)	49128	20.5504	2000
	24 TBA	59	1.652	1.652	(0.556)	78204	347.542	35000
	25 trans-1,2-Dichloroethene	96	1.523	1.523	(0.513)	44570	21.8155	2200
	26 Acrylonitrile	53	1.867	1.874	(0.629)	21811	26.5477	2600
	28 MTBE	73	1.580	1.580	(0.532)	133075	20.2634	2000
	29 Hexane	56	1.559	1.552	(0.525)	30434	17.2603	1700
	30 1,1-Dichloroethane	63	1.831	1.831	(0.616)	85528	20.2330	2000
	31 Vinyl Acetate	43	1.981	1.981	(0.667)	65244	17.9271	1800
	32 DIPE	45	1.774	1.774	(0.597)	149987	17.9208	1800
	35 t-Butyl-ethyl-ether	59	1.974	1.974	(0.665)	144030	19.4196	1900
	37 2,2-Dichloropropane	77	2.189	2.189	(0.737)	66907	19.3212	1900
	36 cis-1,2-Dichloroethene	96	2.132	2.132	(0.718)	52505	20.9056	2100
	38 2-Butanone	43	2.511	2.519	(0.846)	16674	15.3546	1500
	39 Ethyl Acetate	70	2.404	2.404	(0.809)	8668	37.2731	3700
	40 Bromochloromethane	128	2.246	2.246	(0.756)	25783	22.6962	2300
	41 Tetrahydrofuran	42	2.404	2.404	(0.809)	16763	17.5044	1800
	42 Chloroform	83	2.304	2.304	(0.776)	85098	20.9593	2100
	43 1,1,1-Trichloroethane	97	2.418	2.411	(0.814)	75315	21.2698	2100
	44 Cyclohexane	56	2.232	2.232	(0.752)	72767	18.3665	1800
	45 Carbon Tetrachloride	117	2.368	2.368	(0.797)	63402	22.1757	2200
	46 1,1-Dichloropropene	75	2.497	2.497	(0.841)	62088	19.3873	1900
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.769	2.769	(0.932)	106187	39.4807	3900
	48 Benzene	78	2.662	2.662	(0.434)	188331	20.3843	2000
	49 1,2-Dichloroethane	62	2.812	2.812	(0.947)	60752	19.4381	1900
	51 n-Heptane	57	2.655	2.655	(0.894)	22550	19.0015	1900
	72 t-Amyl-methyl-ether	73	2.776	2.776	(0.935)	120746	19.6790	2000
	61 Isopropyl Acetate	43	3.056	3.056	(1.029)	139783	34.2029	3400
*	52 Fluorobenzene	96	2.970	2.970	(1.000)	509717	50.0000	
	54 Trichloroethene	95	3.099	3.099	(1.043)	46718	20.1717	2000
	53 n-Butanol	56	3.485	3.493	(1.174)	75982	1235.68	120000
	56 Methyl cyclohexane	83	3.077	3.077	(1.036)	66146	20.3390	2000
	55 Ethyl Acrylate	55	3.614	3.615	(1.217)	47959	17.6748	1800
	57 1,2-Dichloropropane	63	3.521	3.521	(1.186)	49742	19.5197	2000
	58 Dibromomethane	93	3.435	3.435	(1.157)	27138	20.2177	2000
	60 1,4-Dioxane	88	3.815	3.815	(1.285)	3544	133.930	13000
	59 Methyl Methacrylate	100	3.793	3.794	(1.277)	9882	20.1030	2000
	75 Propyl Acetate	43	3.951	3.951	(1.330)	101149	33.8775	3400
	68 Bromodichloromethane	83	3.600	3.600	(1.212)	62398	20.4138	2000
	62 2-Chloroethyl Vinyl Ether	63	4.180	4.180	(1.408)	23996	17.3877	1700
	63 Epichlorohydrin	57	4.467	4.474	(0.729)	71981	326.001	33000
	67 cis-1,3-Dichloropropene	75	4.195	4.195	(0.684)	71195	18.2668	1800
	70 4-Methyl-2-Pentanone	43	4.897	4.897	(0.799)	31721	15.3347	1500
$	65 Toluene-d8 (SUR)	98	4.374	4.374	(0.714)	394255	45.3250	4500

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45575.d
Report Date: 30-Mar-2011 16:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	66 Toluene	91	4.424	4.424	(0.722)	214995	20.1519	2000
	64 trans-1,3-Dichloropropene	75	4.904	4.904	(0.800)	69073	19.4941	1900
	69 1,1,2-Trichloroethane	83	5.069	5.069	(0.827)	33206	19.6017	2000
	71 Tetrachloroethene	166	4.811	4.811	(0.785)	54239	22.3063	2200
	72 1,3-Dichloropropane	76	5.362	5.362	(0.875)	68008	18.3815	1800
	73 2-Hexanone	100	5.907	5.907	(0.964)	2770	19.6901	2000
	74 Dibromochloromethane	129	5.248	5.241	(0.856)	46551	20.3018	2000
	76 Butyl Acetate	73	5.856	5.857	(0.956)	19891	35.7409	3600
	77 1,2-Dibromoethane	107	5.470	5.463	(0.892)	39200	20.1558	2000
*	78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	383947	50.0000	
	79 Chlorobenzene	112	6.150	6.150	(1.004)	138875	20.7755	2100
	80 1,1,1,2-Tetrachloroethane	131	6.258	6.251	(1.021)	46805	20.1102	2000
	81 Ethylbenzene	106	6.236	6.236	(1.018)	73301	20.8078	2100
	82 m+p-Xylene	106	6.415	6.415	(1.047)	180048	39.9346	4000
	84 o-Xylene	106	6.845	6.845	(1.117)	86527	20.5010	2000
	85 Styrene	104	6.909	6.910	(1.127)	151253	18.6793	1900
	83 Butyl Acrylate	73	7.139	7.139	(1.165)	29521	16.2782	1600
	86 Bromoform	173	6.888	6.888	(1.124)	32712	21.1510	2100
	88 Isopropylbenzene	105	7.167	7.167	(1.169)	230987	23.0351	2300
$	89 Bromofluorobenzene (SUR)	174	7.389	7.389	(0.890)	199690	60.1517	6000
	90 Camphene (total)	93	7.225	7.225	(1.179)	65975	26.3625	2600
	91 Bromobenzene	156	7.447	7.447	(0.897)	66811	21.1530	2100
	92 1,1,2,2-Tetrachloroethane	83	7.626	7.626	(0.919)	52388	18.2354	1800
	93 1,2,3-Trichloropropane	110	7.697	7.697	(0.927)	14702	18.2949	1800
	94 trans-1,4-Dichloro-2-butene	53	7.762	7.762	(0.935)	15692	16.0126	1600
	95 n-Propylbenzene	91	7.533	7.533	(0.908)	268541	19.3252	1900
	96 2-Chlorotoluene	91	7.626	7.626	(0.919)	166618	19.2317	1900
	97 1,3,5-Trimethylbenzene	105	7.726	7.726	(0.931)	192044	19.8650	2000
	98 4-Chlorotoluene	91	7.776	7.776	(0.937)	177575	19.5889	2000
	99 Butyl Methacrylate	87	8.027	8.027	(0.967)	59520	14.2863	1400
	100 tert-Butylbenzene	119	7.962	7.962	(0.959)	164154	21.1154	2100
	101 1,2,4-Trimethylbenzene	105	8.027	8.027	(0.967)	202063	19.5705	2000
	102 2-Octanone	43	8.464	8.471	(1.020)	65596	17.1615	1700
	103 sec-Butylbenzene	105	8.106	8.106	(0.977)	233267	20.5542	2000
	104 2-Octanol	45	8.378	8.371	(1.009)	10894	12.2480	1200(R)
	105 1,3-Dichlorobenzene	146	8.235	8.235	(0.992)	127007	20.7913	2100
	107 p-Isopropyltoluene	119	8.235	8.235	(0.992)	206149	17.6089	1800
*	108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	235416	50.0000	
	109 1,4-Dichlorobenzene	146	8.313	8.306	(1.002)	130164	20.6540	2100
	110 Benzyl Chloride	91	8.514	8.514	(1.026)	99384	18.1747	1800
	106 n-Butylbenzene	91	8.550	8.550	(1.030)	183957	19.9782	2000
	111 1,2-Dichlorobenzene	146	8.614	8.614	(1.038)	122227	21.1686	2100
	112 1,2-Dibromo-3-chloropropane	75	9.209	9.209	(1.110)	10111	18.5202	1800
	113 Camphor	95	9.882	9.882	(1.191)	21440	79.1271	7900
	114 1,2,4-Trichlorobenzene	180	9.689	9.689	(1.167)	82747	21.3375	2100
	115 Hexachlorobutadiene	225	9.689	9.689	(1.167)	31861	20.8526	2100
	116 Naphthalene	128	9.904	9.904	(1.193)	179305	21.5905	2200

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45575.d
Report Date: 30-Mar-2011 16:38

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
117 1,2,3-Trichlorobenzene	180	10.033	10.033	(1.209)	75131	22.9887	2300
M 120 1,2-Dichloroethene (Total)	100				97075	42.6275	4300
M 121 Xylene (Total)	100				266575	60.4356	6000

QC Flag Legend

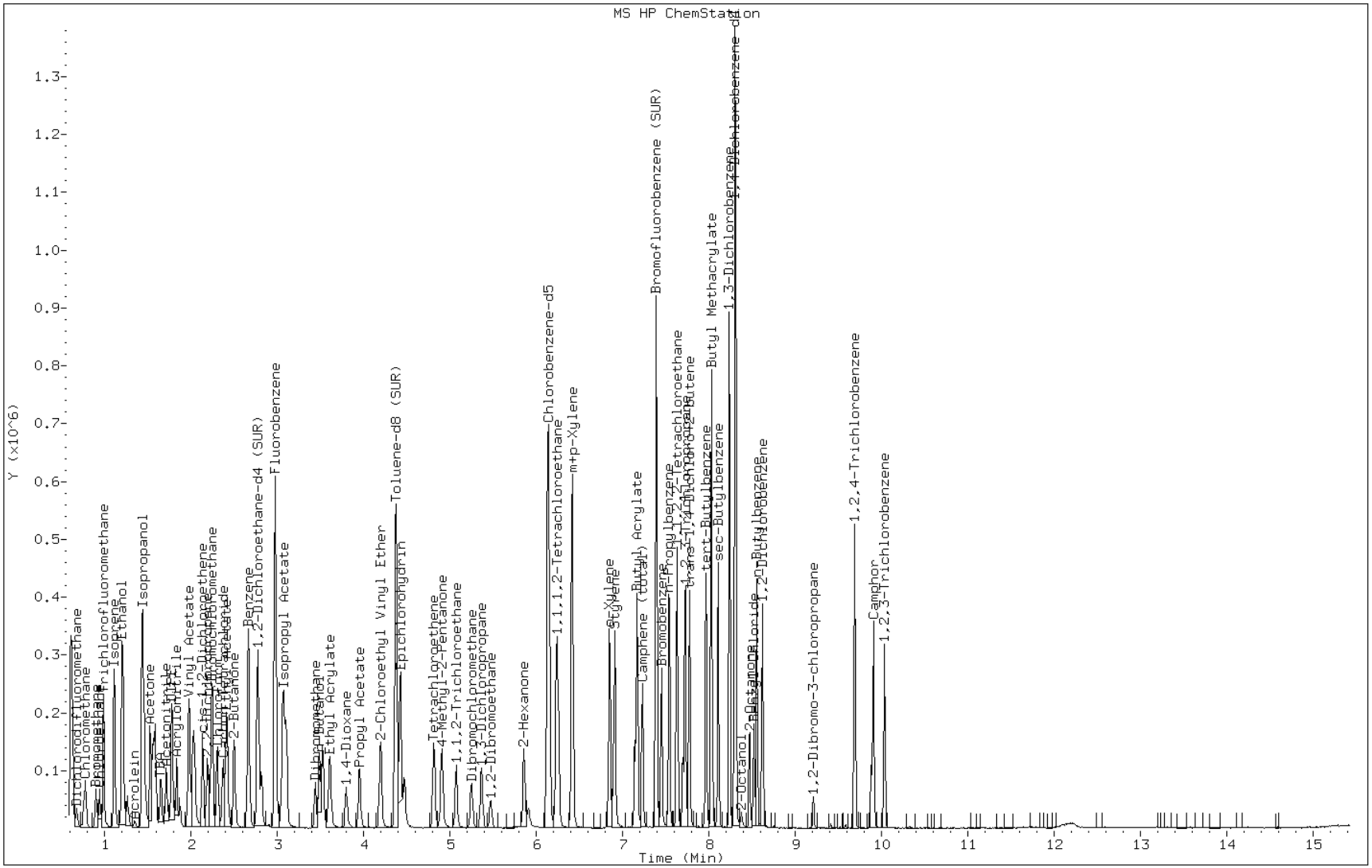
R - Spike/Surrogate failed recovery limits.

Data File: p45575.d

Date: 30-MAR-2011 10:38

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69045/3

Matrix: Solid | Lab File ID: j98779.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/31/2011 10:07

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2200		100	21
74-83-9	Bromomethane	2240		100	31
75-01-4	Vinyl chloride	2230		100	12
75-00-3	Chloroethane	2220		100	45
75-09-2	Methylene Chloride	1960		100	19
67-64-1	Acetone	1790		1000	250
75-15-0	Carbon disulfide	1900		100	15
75-69-4	Trichlorofluoromethane	2290		100	16
75-35-4	1,1-Dichloroethene	2020		100	14
75-34-3	1,1-Dichloroethane	2080		100	10
156-60-5	trans-1,2-Dichloroethene	1900		100	14
156-59-2	cis-1,2-Dichloroethene	1980		100	19
67-66-3	Chloroform	2030		100	16
78-93-3	2-Butanone	1680		1000	82
107-06-2	1,2-Dichloroethane	2250		100	25
71-55-6	1,1,1-Trichloroethane	2040		100	25
56-23-5	Carbon tetrachloride	1860		100	18
71-43-2	Benzene	1970		100	12
75-25-2	Bromoform	1940		100	9.9
100-42-5	Styrene	1910		100	14
100-41-4	Ethylbenzene	2020		100	25
108-90-7	Chlorobenzene	2000		100	17
110-82-7	Cyclohexane	1950		100	12
98-82-8	Isopropylbenzene	2060		100	21
591-78-6	2-Hexanone	1710		1000	55
1634-04-4	MTBE	1920		100	19
76-13-1	Freon TF	2320		100	29
79-20-9	Methyl acetate	1640		200	33
123-91-1	1,4-Dioxane	12800		5000	850
79-01-6	Trichloroethene	1990		100	18
108-88-3	Toluene	1940		100	9.5
10061-02-6	trans-1,3-Dichloropropene	1900		100	12
108-10-1	4-Methyl-2-pentanone	1790		1000	68
10061-01-5	cis-1,3-Dichloropropene	1940		100	10
95-50-1	1,2-Dichlorobenzene	2040		100	16
541-73-1	1,3-Dichlorobenzene	2040		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69045/3

Matrix: Solid | Lab File ID: j98779.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/31/2011 10:07

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2040		100	15
120-82-1	1,2,4-Trichlorobenzene	2210		100	44
87-61-6	1,2,3-Trichlorobenzene	2630		100	83
78-87-5	1,2-Dichloropropane	2080		100	8.7
108-87-2	Methylcyclohexane	1940		100	8.0
127-18-4	Tetrachloroethene	2030		100	20
1330-20-7	Xylenes, Total	5880		300	43
96-12-8	1,2-Dibromo-3-Chloropropane	1920		100	15
79-34-5	1,1,2,2-Tetrachloroethane	2160		100	8.6
79-00-5	1,1,2-Trichloroethane	1980		100	9.7
124-48-1	Dibromochloromethane	1920		100	10
106-93-4	1,2-Dibromoethane	1920		100	9.1
75-71-8	Dichlorodifluoromethane	2150		100	28
74-97-5	Bromochloromethane	2000		100	17
75-27-4	Bromodichloromethane	2040		100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		57-135
2037-26-5	Toluene-d8 (Surr)	110		46-130
460-00-4	Bromofluorobenzene	116		50-124

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98779.d
Report Date: 31-Mar-2011 10:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98779.d
Lab Smp Id: LCS
Inj Date : 31-MAR-2011 10:07
Operator : Inst ID: VOAMS8.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 09:58 desais Quant Type: ISTD
Cal Date : 08-FEB-2011 11:41 Cal File: j97511.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
2 Dichlorodifluoromethane	85	2.626	2.598	(0.333)	289618	21.5033	2200
3 Chloromethane	50	2.752	2.744	(0.349)	142265	21.9728	2200
4 Vinyl Chloride	62	2.931	2.927	(0.372)	176667	22.2845	2200
6 Bromomethane	94	3.323	3.312	(0.422)	125608	22.3698	2200
5 Chloroethane	64	3.423	3.421	(0.435)	82248	22.1930	2200
7 Trichlorofluoromethane	101	3.788	3.773	(0.481)	367237	22.8878	2300
8 n-Pentane	72	3.796	3.818	(0.482)	22380	21.7667	2200
9 Ethanol	46	3.925	3.928	(0.498)	77744	3192.28	320000
10 Isoprene	67	4.071	4.064	(0.517)	167965	23.3358	2300
11 Ethyl Ether	59	4.016	4.019	(0.510)	124538	21.8030	2200
13 Acrolein	56	4.209	4.202	(0.534)	36371	54.5875	5400
15 1,1-Dichloroethene	96	4.345	4.346	(0.552)	159115	20.1827	2000
14 Freon TF	101	4.354	4.355	(0.553)	325799	23.1581	2300
16 Acetone	58	4.382	4.374	(0.556)	9794	17.8693	1800

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98779.d
Report Date: 31-Mar-2011 10:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	17 Iodomethane	142	4.547	4.538	(0.577)	472330	21.6096	2200
	18 Carbon Disulfide	76	4.666	4.648	(0.592)	458769	18.9811	1900
	19 Isopropanol	45	4.510	4.510	(0.573)	1112655	2989.74	300000
	21 Acetonitrile	39	4.721	4.730	(0.599)	34710	478.262	48000
	27 Methyl Acetate	74	4.739	4.730	(0.602)	29997	16.4372	1600
	22 Methylene Chloride	84	4.904	4.886	(0.623)	190862	19.5916	2000
	24 TBA	59	4.977	4.974	(0.632)	272625	362.808	36000
	25 trans-1,2-Dichloroethene	96	5.197	5.194	(0.660)	174223	19.0033	1900
	26 Acrylonitrile	53	5.169	5.176	(0.656)	36629	20.1350	2000
	28 MTBE	73	5.178	5.167	(0.657)	474597	19.1606	1900
	29 Hexane	56	5.481	5.468	(0.696)	69382	17.0337	1700
	30 1,1-Dichloroethane	63	5.700	5.695	(0.724)	373682	20.8437	2100
	31 Vinyl Acetate	43	5.728	5.723	(0.727)	651248	22.1739	2200
	32 DIPE	45	5.719	5.714	(0.726)	804628	19.3805	1900
	35 t-Butyl-ethyl-ether	59	6.167	6.161	(0.783)	707581	20.0335	2000
	37 2,2-Dichloropropane	77	6.415	6.427	(0.814)	319045	22.3321	2200
	36 cis-1,2-Dichloroethene	96	6.415	6.408	(0.814)	206463	19.8200	2000
	38 2-Butanone	72	6.396	6.399	(0.812)	13614	16.8196	1700
	39 Ethyl Acetate	70	6.451	6.436	(0.819)	34777	37.2125	3700
	40 Bromochloromethane	128	6.724	6.720	(0.854)	137460	19.9565	2000
	41 Tetrahydrofuran	42	6.779	6.766	(0.861)	42224	17.8728	1800
	42 Chloroform	83	6.798	6.793	(0.863)	396018	20.3318	2000
	43 1,1,1-Trichloroethane	97	7.073	7.059	(0.898)	330756	20.4246	2000
	44 Cyclohexane	56	7.137	7.132	(0.906)	236995	19.5399	2000
	45 Carbon Tetrachloride	117	7.284	7.279	(0.925)	312480	18.6393	1900
	46 1,1-Dichloropropene	75	7.256	7.251	(0.921)	283077	20.4462	2000
$	47 1,2-Dichloroethane-d4 (SUR)	65	7.475	7.470	(0.949)	497678	62.1281	6200
	48 Benzene	78	7.548	7.544	(0.665)	534892	19.7281	2000
	49 1,2-Dichloroethane	62	7.567	7.562	(0.961)	256760	22.5443	2200
	50 t-Amyl-methyl-ether	73	7.638	7.626	(0.970)	603065	20.1709	2000
	61 Isopropyl Acetate	43	7.548	7.553	(0.958)	1019159	38.5211	3800
*	52 Fluorobenzene	96	7.877	7.874	(1.000)	1263479	50.0000	
	166 2,4,4-Trimethylpentene	112	8.225	8.227	(1.044)	1014	0.55245	55(aR)
	54 Trichloroethene	95	8.326	8.319	(1.057)	217751	19.9056	2000
	53 n-Butanol	43	8.179	8.164	(1.038)	156213	1267.41	130000
	56 Methyl cyclohexane	83	8.564	8.564	(1.087)	175355	19.4251	1900
	55 Ethyl Acrylate	55	8.399	8.401	(1.066)	234245	18.2156	1800
	57 1,2-Dichloropropane	63	8.619	8.610	(1.094)	238640	20.8008	2100
	58 Dibromomethane	93	8.757	8.765	(1.112)	189501	19.6145	2000
	60 1,4-Dioxane	88	8.766	8.747	(1.113)	11145	128.439	13000(a)
	59 Methyl Methacrylate	100	8.684	8.692	(1.102)	49901	19.0806	1900
	75 Propyl Acetate	43	8.748	8.738	(1.111)	584197	37.2454	3700
	68 Bromodichloromethane	83	8.922	8.930	(1.133)	399951	20.3551	2000
	62 2-Chloroethyl Vinyl Ether	63	9.240	9.232	(1.173)	70741	10.2221	1000
	63 Epichlorohydrin	57	9.346	9.339	(0.824)	368202	374.014	37000
	67 cis-1,3-Dichloropropene	75	9.438	9.431	(0.832)	345580	19.3645	1900
	70 4-Methyl-2-Pentanone	43	9.593	9.596	(0.845)	182924	17.8713	1800

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Report Date: 31-Mar-2011 10:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	65 Toluene-d8 (SUR)	98	9.749	9.748	(0.859)	1204186	54.8241	5500
	66 Toluene	91	9.823	9.821	(0.866)	565420	19.4135	1900
	64 trans-1,3-Dichloropropene	75	10.057	10.057	(0.886)	294621	19.0098	1900
	69 1,1,2-Trichloroethane	83	10.276	10.276	(0.906)	164904	19.7989	2000
	71 Tetrachloroethene	166	10.439	10.435	(0.920)	224858	20.3037	2000
	72 1,3-Dichloropropane	76	10.474	10.472	(0.923)	329587	20.1425	2000
	73 2-Hexanone	43	10.529	10.518	(0.928)	102179	17.1028	1700
	74 Dibromochloromethane	129	10.731	10.729	(0.946)	320582	19.2128	1900
	76 Butyl Acetate	73	10.630	10.628	(0.937)	116446	37.3850	3700
	77 1,2-Dibromoethane	107	10.871	10.874	(0.958)	273375	19.2442	1900
*	78 Chlorobenzene-d5	117	11.348	11.348	(1.000)	939375	50.0000	
	79 Chlorobenzene	112	11.375	11.375	(1.002)	425759	19.9552	2000
	80 1,1,1,2-Tetrachloroethane	131	11.457	11.448	(1.010)	244721	20.3485	2000
	81 Ethylbenzene	106	11.467	11.467	(1.010)	180557	20.2366	2000
	82 m+p-Xylene	106	11.586	11.583	(1.021)	483012	39.2793	3900
	84 o-Xylene	106	12.004	11.999	(1.058)	239169	19.5516	2000
	85 Styrene	104	12.013	12.008	(1.059)	402620	19.0689	1900
	83 Butyl Acrylate	73	11.896	11.898	(1.048)	230872	24.0595	2400(R)
	86 Bromoform	173	12.243	12.245	(1.079)	221373	19.4370	1900
	88 Isopropylbenzene	105	12.363	12.356	(1.089)	566112	20.5915	2000
$	89 Bromofluorobenzene (SUR)	174	12.547	12.549	(0.910)	557013	58.2438	5800
	90 Camphene (total)	41	12.657	12.651	(1.115)	69222	22.8384	2300
	91 Bromobenzene	156	12.729	12.725	(0.923)	221927	21.3773	2100
	92 1,1,2,2-Tetrachloroethane	83	12.675	12.669	(0.919)	290662	21.6123	2200
	93 1,2,3-Trichloropropane	110	12.739	12.734	(0.924)	70752	23.6899	2400
	94 trans-1,4-Dichloro-2-butene	53	12.720	12.715	(0.923)	70075	18.9450	1900
	95 n-Propylbenzene	91	12.785	12.780	(0.927)	615178	20.9307	2100
	96 2-Chlorotoluene	91	12.905	12.907	(0.936)	368076	23.5425	2400
	97 1,3,5-Trimethylbenzene	105	12.950	12.944	(0.939)	435713	21.6462	2200
	98 4-Chlorotoluene	91	13.011	13.016	(0.944)	544722	21.6806	2200
	99 Butyl Methacrylate	87	12.985	12.981	(0.942)	330668	21.6223	2200
	100 tert-Butylbenzene	119	13.312	13.309	(0.966)	471950	21.2030	2100
	101 1,2,4-Trimethylbenzene	105	13.357	13.353	(0.969)	447091	20.1156	2000
	102 2-Octanone	43	13.412	13.409	(0.973)	414199	23.1033	2300
	103 sec-Butylbenzene	105	13.550	13.545	(0.983)	531075	19.0452	1900
	105 1,3-Dichlorobenzene	146	13.718	13.711	(0.995)	290564	20.4095	2000
	107 p-Isopropyltoluene	119	13.683	13.683	(0.992)	499412	21.4229	2100
*	108 1,4-Dichlorobenzene-d4	152	13.788	13.784	(1.000)	503999	50.0000	
	109 1,4-Dichlorobenzene	146	13.816	13.810	(1.002)	373247	20.4414	2000
	110 Benzyl Chloride	91	13.961	13.954	(1.013)	396314	21.4232	2100
	106 n-Butylbenzene	91	14.151	14.143	(1.026)	417781	19.9682	2000
	111 1,2-Dichlorobenzene	146	14.262	14.253	(1.034)	323068	20.3825	2000
	112 1,2-Dibromo-3-chloropropane	75	15.226	15.225	(1.104)	60448	19.1618	1900
	113 Camphor	95	16.282	16.272	(1.181)	138759	95.9605	9600
	114 1,2,4-Trichlorobenzene	180	16.424	16.409	(1.191)	211459	22.1337	2200
	115 Hexachlorobutadiene	225	16.635	16.612	(1.206)	156591	20.5711	2000
	116 Naphthalene	128	16.865	16.864	(1.223)	355289	18.9499	1900

Data File: /chem/VOAMS8.i/8260_09/02-08-11/31mar11.b/j98779.d
Report Date: 31-Mar-2011 10:21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
117 1,2,3-Trichlorobenzene	180	17.278	17.274	(1.253)	188442	26.3169	2600
M 120 1,2-Dichloroethene (Total)	100				380686	38.8754	3900
M 121 Xylene (Total)	100				722181	58.8309	5900

QC Flag Legend

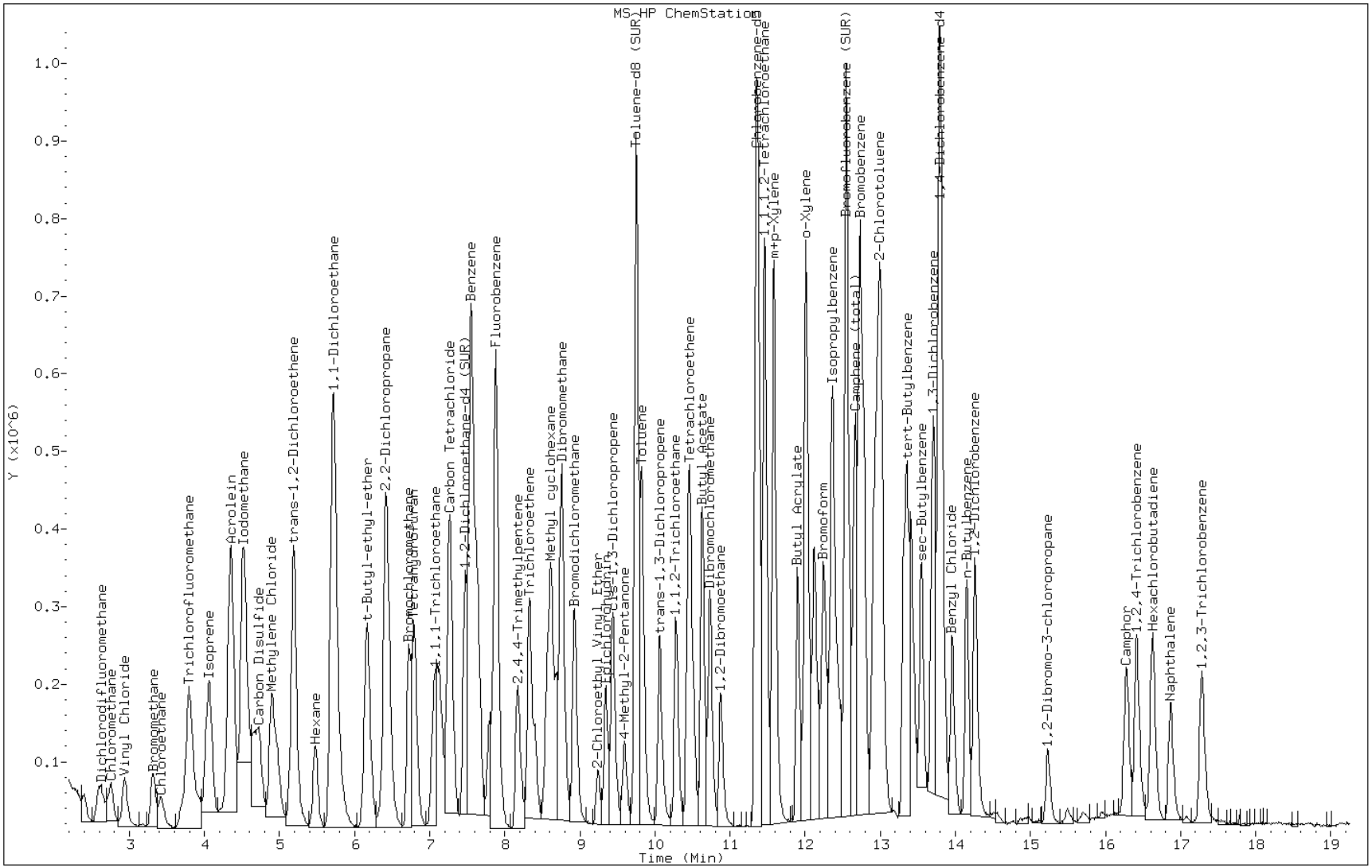
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: j98779.d

Date: 31-MAR-2011 10:07

Client ID: Instrument: VOAMS8.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-68548/4

Matrix: Solid Lab File ID: o46646.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2011 21:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68548 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.0		1.0	0.63
74-83-9	Bromomethane	26.3		1.0	0.41
75-01-4	Vinyl chloride	20.9		1.0	0.23
75-00-3	Chloroethane	23.8		1.0	0.40
75-09-2	Methylene Chloride	20.5		1.0	0.47
67-64-1	Acetone	27.2		10	3.7
75-15-0	Carbon disulfide	20.1		1.0	0.46
75-69-4	Trichlorofluoromethane	22.3		1.0	0.26
75-35-4	1,1-Dichloroethene	21.6		1.0	0.37
75-34-3	1,1-Dichloroethane	20.2		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.8		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	20.2		1.0	0.24
67-66-3	Chloroform	20.2		1.0	0.24
78-93-3	2-Butanone	19.8		10	0.57
107-06-2	1,2-Dichloroethane	19.0		1.0	0.39
71-55-6	1,1,1-Trichloroethane	20.7		1.0	0.19
56-23-5	Carbon tetrachloride	21.3		1.0	0.10
71-43-2	Benzene	19.9		1.0	0.74
75-25-2	Bromoform	16.7		1.0	0.70
100-42-5	Styrene	19.5		1.0	0.35
100-41-4	Ethylbenzene	20.5		1.0	0.19
108-90-7	Chlorobenzene	20.3		1.0	0.48
110-82-7	Cyclohexane	19.2		1.0	0.22
98-82-8	Isopropylbenzene	22.4		1.0	0.26
591-78-6	2-Hexanone	18.9		10	1.7
1634-04-4	MTBE	20.3		1.0	0.34
76-13-1	Freon TF	24.6		1.0	0.48
79-20-9	Methyl acetate	18.1		1.0	0.90
123-91-1	1,4-Dioxane	168		50	4.2
79-01-6	Trichloroethene	20.5		1.0	0.36
108-88-3	Toluene	19.9		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.9		1.0	0.22
108-10-1	4-Methyl-2-pentanone	19.2		10	0.72
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.20
95-50-1	1,2-Dichlorobenzene	20.1		1.0	0.64
541-73-1	1,3-Dichlorobenzene	20.1		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-68548/4

Matrix: Solid Lab File ID: o46646.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2011 21:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68548 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.6		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	21.4		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	20.5		1.0	0.65
78-87-5	1,2-Dichloropropane	19.8		1.0	0.32
108-87-2	Methylcyclohexane	19.4		1.0	0.27
127-18-4	Tetrachloroethene	21.7		1.0	0.33
1330-20-7	Xylenes, Total	60.5		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	16.2		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.9		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.59
124-48-1	Dibromochloromethane	20.1		1.0	0.56
106-93-4	1,2-Dibromoethane	19.9		1.0	0.52
75-71-8	Dichlorodifluoromethane	20.9		1.0	0.41
74-97-5	Bromochloromethane	20.1		1.0	0.27
75-27-4	Bromodichloromethane	20.2		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-138
2037-26-5	Toluene-d8 (Surr)	93		66-126
460-00-4	Bromofluorobenzene	98		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46646.d
Report Date: 25-Mar-2011 21:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46646.d
Lab Smp Id: LCSD
Inj Date : 25-MAR-2011 21:13
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/8260L_10.m
Meth Date : 25-Mar-2011 20:15 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 5 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				262504	41.0268	41
	90 Dichlorodifluoromethane	85	0.929	0.929	(0.230)	133136	20.9413	21
	1 Chloromethane	50	1.063	1.063	(0.263)	123004	18.0254	18
	4 Vinyl Chloride	62	1.087	1.093	(0.269)	136166	20.8710	21
	3 Bromomethane	94	1.270	1.264	(0.315)	96086	26.3008	26
	5 Chloroethane	64	1.325	1.325	(0.328)	107255	23.7970	24
	9 Trichlorofluoromethane	101	1.465	1.465	(0.363)	227878	22.3300	22
	121 n-Pentane	72	1.514	1.514	(0.375)	26682	24.8215	25
	127 Ethanol	46	1.593	1.593	(0.395)	58476	2753.35	2800
	46 Ethyl Ether	59	1.642	1.642	(0.407)	78678	21.3434	21
	119 Isoprene	67	1.648	1.648	(0.408)	183568	24.1936	24
	47 Acrolein	56	1.715	1.715	(0.425)	34511	109.069	110
	10 1,1-Dichloroethene	96	1.770	1.776	(0.438)	107646	21.6320	22
	48 Freon TF	101	1.776	1.776	(0.440)	135365	24.5549	24

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46646.d
Report Date: 25-Mar-2011 21:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7	Acetone	43	1.813	1.813	(0.449)	23933	27.2324	27
142	Iodomethane	142	1.868	1.874	(0.463)	150021	22.7899	23
8	Carbon Disulfide	76	1.904	1.910	(0.472)	311902	20.1340	20
50	Acetonitrile	41	1.990	1.990	(0.493)	169630	475.989	480
125	Methyl acetate	74	2.020	2.020	(0.500)	19126	18.1023	18
6	Methylene Chloride	84	2.081	2.087	(0.515)	119035	20.5159	20
51	TBA	59	2.172	2.179	(0.538)	156351	405.019	400
52	Acrylonitrile	53	2.246	2.252	(0.556)	196554	150.031	150
12	trans-1,2-Dichloroethene	96	2.264	2.264	(0.561)	125147	20.8154	21
53	MTBE	73	2.270	2.270	(0.562)	268398	20.2542	20
49	Isopropanol	45	1.910	1.910	(0.473)	670311	2885.51	2900
54	Hexane	56	2.453	2.459	(0.607)	87533	18.4972	18
11	1,1-Dichloroethane	63	2.563	2.563	(0.635)	190536	20.1695	20
57	Vinyl Acetate	43	2.618	2.624	(0.648)	232790	22.2564	22
55	DIPE	45	2.624	2.630	(0.650)	309817	21.9435	22
149	tert-Butyl ethyl ether	59	2.904	2.904	(0.719)	292720	19.7254	20
104	2,2-Dichloropropane	77	3.008	3.008	(0.745)	184463	19.8871	20
13	cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	137356	20.2114	20
18	2-Butanone	72	3.038	3.038	(0.752)	10475	19.7849	20
56	Ethyl Acetate	70	3.087	3.093	(0.764)	14932	36.3170	36
108	Bromochloromethane	128	3.203	3.209	(0.793)	61432	20.0995	20
15	Chloroform	83	3.282	3.282	(0.813)	206426	20.1816	20
20	1,1,1-Trichloroethane	97	3.428	3.428	(0.849)	196586	20.7023	21
59	Cyclohexane	56	3.471	3.477	(0.860)	192106	19.1881	19
21	Carbon Tetrachloride	117	3.575	3.575	(0.885)	167239	21.3075	21
92	1,1-Dichloropropene	75	3.575	3.581	(0.885)	165862	19.6399	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.715	3.721	(0.920)	172212	45.6463	46
28	Benzene	78	3.764	3.770	(0.932)	476080	19.9249	20
17	1,2-Dichloroethane	62	3.788	3.788	(0.938)	123991	18.9805	19
61	Isopropyl Acetate	43	3.879	3.879	(0.961)	312646	39.2200	39
140	tert-Amylmethyl Ether	73	3.892	3.898	(0.964)	266226	20.0442	20
* 69	Fluorobenzene	96	4.038	4.038	(1.000)	1026064	50.0000	
156	2,4,4-Trimethyl-1-pentene	112	4.373	4.373	(1.083)	56252	20.7595	21
25	Trichloroethene	95	4.410	4.410	(1.092)	132959	20.4974	20
63	n-Butanol	43	4.404	4.410	(1.091)	72094	1481.85	1500
96	Ethyl Acrylate	55	4.568	4.574	(1.131)	86730	16.7533	17
126	Methyl cyclohexane	83	4.599	4.605	(1.139)	243008	19.3532	19
23	1,2-Dichloropropane	63	4.641	4.648	(1.149)	104399	19.8093	20
109	Dibromomethane	93	4.770	4.769	(1.181)	59231	20.1152	20
95	1,4-Dioxane	88	4.824	4.837	(1.195)	9578	168.345	170
146	Methyl methacrylate	69	4.818	4.824	(1.193)	51159	19.2741	19
64	Propyl Acetate	43	4.904	4.904	(1.214)	176353	40.8865	41
22	Bromodichloromethane	83	4.958	4.965	(1.228)	139508	20.2232	20
30	2-Chloroethyl Vinyl Ether	63	5.349	5.349	(1.325)	14288	18.1810	18
118	Epichlorohydrin	57	5.397	5.403	(1.337)	131361	397.380	400
24	cis-1,3-Dichloropropene	75	5.489	5.495	(1.359)	161127	19.3915	19
33	4-Methyl-2-Pentanone	43	5.708	5.720	(1.414)	54034	19.2349	19

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46646.d
Report Date: 25-Mar-2011 21:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	759840	46.4725	46
	38 Toluene	91	5.891	5.891	(0.759)	552703	19.9248	20
	29 trans-1,3-Dichloropropene	75	6.208	6.208	(0.800)	133512	18.8982	19
	27 1,1,2-Trichloroethane	83	6.440	6.440	(0.830)	66534	19.5391	20
	35 Tetrachloroethene	166	6.592	6.592	(0.849)	164694	21.7428	22
	103 1,3-Dichloropropane	76	6.653	6.653	(0.857)	140842	19.2741	19
	34 2-Hexanone	43	6.830	6.830	(0.880)	35619	18.8508	19
	26 Dibromochloromethane	129	6.946	6.952	(0.895)	97900	20.1074	20
	65 Butyl Acetate	43	7.050	7.056	(0.908)	189710	41.6635	42
	66 1,2-Dibromoethane	107	7.074	7.080	(0.911)	84270	19.8849	20
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	709912	50.0000	
	39 Chlorobenzene	112	7.799	7.805	(1.005)	355026	20.3310	20
	97 1,1,1,2-Tetrachloroethane	131	7.946	7.946	(1.024)	112396	19.9291	20
	40 Ethylbenzene	106	8.007	8.007	(1.031)	193242	20.5420	20
	43 m+p-Xylene	106	8.190	8.196	(1.055)	477442	40.4358	40
	44 o-Xylene	106	8.787	8.787	(1.132)	228841	20.0503	20
	42 Styrene	104	8.818	8.817	(1.136)	360633	19.5496	20
	147 Butyl Acrylate	55	8.872	8.872	(0.773)	136355	15.9204	16
	31 Bromoform	173	9.055	9.055	(1.166)	58104	16.7479	17
	110 Isopropylbenzene	105	9.397	9.403	(1.210)	623798	22.4319	22
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	281018	49.1278	49
	150 Camphene	41	9.750	9.756	(0.850)	56691	21.9918	22
	107 Bromobenzene	156	9.799	9.799	(0.854)	150988	19.6513	20
	36 1,1,2,2-Tetrachloroethane	83	9.927	9.927	(0.865)	96198	17.9256	18
	99 1,2,3-Trichloropropane	110	9.945	9.945	(0.867)	30531	18.9243	19
	143 trans-1,4-Dichloro-2-butene	53	10.025	10.025	(2.483)	24320	18.5002	18
	112 n-Propylbenzene	91	10.073	10.073	(0.878)	717888	20.0371	20
	105 2-Chlorotoluene	91	10.153	10.153	(0.885)	402339	18.9623	19
	106 4-Chlorotoluene	91	10.342	10.342	(0.901)	415434	18.5142	18
	102 1,3,5-Trimethylbenzene	105	10.390	10.396	(0.905)	509001	19.3457	19
	148 Butyl methacrylate	69	10.677	10.677	(0.930)	129287	14.7997	15(R)
	115 tert-Butylbenzene	119	10.915	10.915	(0.951)	477005	20.0721	20
	100 1,2,4-Trimethylbenzene	105	11.000	11.000	(0.959)	511565	19.0701	19
	114 sec-Butylbenzene	105	11.274	11.274	(0.982)	705100	20.2961	20
	67 1,3-Dichlorobenzene	146	11.366	11.366	(0.990)	315023	20.1062	20
*	91 1,4-Dichlorobenzene-d4	152	11.476	11.475	(1.000)	384202	50.0000	
	68 1,4-Dichlorobenzene	146	11.506	11.506	(1.003)	313541	20.5569	20
	113 p-Isopropyltoluene	119	11.518	11.518	(1.004)	613973	20.4941	20
	69 1,2-Dichlorobenzene	146	11.982	11.981	(1.044)	282707	20.1465	20
	117 Benzyl chloride	91	11.719	11.725	(1.021)	183350	15.1369	15
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	555902	20.8631	21
	101 1,2-Dibromo-3-chloropropane	75	12.866	12.865	(1.121)	14914	16.1700	16
	152 Camphor	95	13.548	13.554	(1.181)	46813	93.2804	93
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	245294	21.4272	21
	94 Hexachlorobutadiene	225	13.810	13.810	(1.203)	138967	22.0995	22
	70 Naphthalene	128	13.841	13.841	(1.206)	416238	20.4505	20
	98 1,2,3-Trichlorobenzene	180	14.042	14.048	(1.224)	211256	20.5474	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/25mar11a.b/o46646.d
Report Date: 25-Mar-2011 21:37

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				706283	60.4898	60

QC Flag Legend

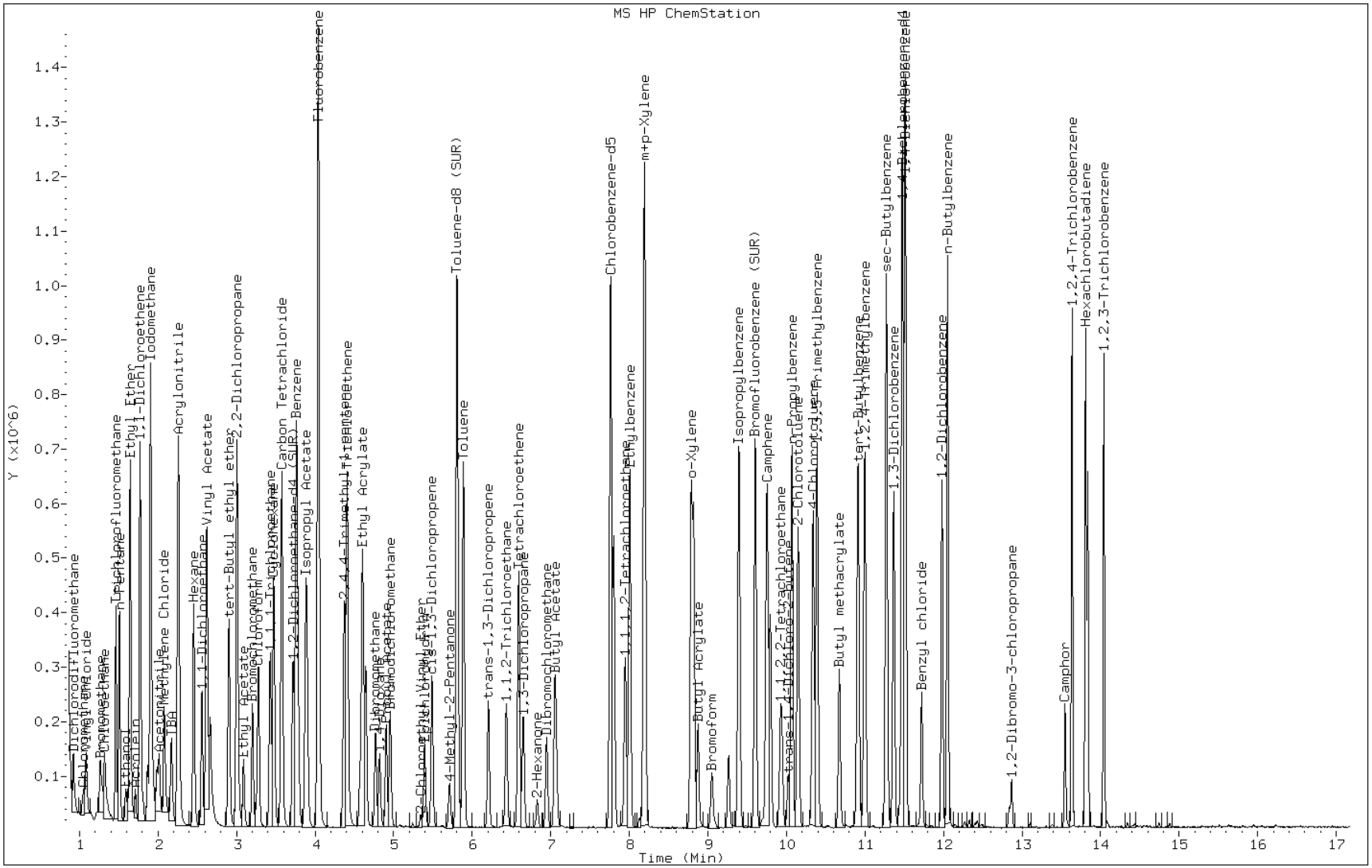
R - Spike/Surrogate failed recovery limits.

Data File: o46646.d

Date: 25-MAR-2011 21:13

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-68639/4

Matrix: Solid Lab File ID: o46670.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 05:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68639 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.2		1.0	0.63
74-83-9	Bromomethane	26.4		1.0	0.41
75-01-4	Vinyl chloride	21.6		1.0	0.23
75-00-3	Chloroethane	24.5		1.0	0.40
75-09-2	Methylene Chloride	19.8		1.0	0.47
67-64-1	Acetone	26.5		10	3.7
75-15-0	Carbon disulfide	20.1		1.0	0.46
75-69-4	Trichlorofluoromethane	24.5		1.0	0.26
75-35-4	1,1-Dichloroethene	22.1		1.0	0.37
75-34-3	1,1-Dichloroethane	20.2		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.0		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	20.5		1.0	0.24
67-66-3	Chloroform	20.4		1.0	0.24
78-93-3	2-Butanone	21.2		10	0.57
107-06-2	1,2-Dichloroethane	18.9		1.0	0.39
71-55-6	1,1,1-Trichloroethane	21.6		1.0	0.19
56-23-5	Carbon tetrachloride	22.6		1.0	0.10
71-43-2	Benzene	20.1		1.0	0.74
75-25-2	Bromoform	16.9		1.0	0.70
100-42-5	Styrene	19.2		1.0	0.35
100-41-4	Ethylbenzene	20.5		1.0	0.19
108-90-7	Chlorobenzene	20.0		1.0	0.48
110-82-7	Cyclohexane	19.5		1.0	0.22
98-82-8	Isopropylbenzene	22.8		1.0	0.26
591-78-6	2-Hexanone	18.2		10	1.7
1634-04-4	MTBE	19.9		1.0	0.34
76-13-1	Freon TF	23.8		1.0	0.48
79-20-9	Methyl acetate	18.7		1.0	0.90
123-91-1	1,4-Dioxane	138		50	4.2
79-01-6	Trichloroethene	20.3		1.0	0.36
108-88-3	Toluene	20.1		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.3		1.0	0.22
108-10-1	4-Methyl-2-pentanone	19.0		10	0.72
10061-01-5	cis-1,3-Dichloropropene	19.1		1.0	0.20
95-50-1	1,2-Dichlorobenzene	19.5		1.0	0.64
541-73-1	1,3-Dichlorobenzene	19.3		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-68639/4

Matrix: Solid | Lab File ID: o46670.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/28/2011 05:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68639 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	20.3		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	19.7		1.0	0.65
78-87-5	1,2-Dichloropropane	19.1		1.0	0.32
108-87-2	Methylcyclohexane	19.6		1.0	0.27
127-18-4	Tetrachloroethene	22.6		1.0	0.33
1330-20-7	Xylenes, Total	60.4		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	15.7		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.3		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.59
124-48-1	Dibromochloromethane	20.1		1.0	0.56
106-93-4	1,2-Dibromoethane	19.5		1.0	0.52
75-71-8	Dichlorodifluoromethane	21.9		1.0	0.41
74-97-5	Bromochloromethane	20.4		1.0	0.27
75-27-4	Bromodichloromethane	20.7		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-138
2037-26-5	Toluene-d8 (Surr)	89		66-126
460-00-4	Bromofluorobenzene	96		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46670.d
Report Date: 28-Mar-2011 05:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46670.d
Lab Smp Id: LCSD
Inj Date : 28-MAR-2011 05:12
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/8260L_10.m
Meth Date : 28-Mar-2011 04:46 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 14 1,2-Dichloroethene (total)	100				236682	41.4895	41
90 Dichlorodifluoromethane	85	0.923	0.923	(0.228)	124309	21.9364	22
1 Chloromethane	50	1.057	1.057	(0.262)	110771	18.2115	18
4 Vinyl Chloride	62	1.087	1.087	(0.269)	125656	21.6079	22
3 Bromomethane	94	1.264	1.264	(0.313)	86119	26.4463	26
5 Chloroethane	64	1.319	1.319	(0.327)	98465	24.5099	24
9 Trichlorofluoromethane	101	1.465	1.465	(0.363)	222833	24.4974	24
121 n-Pentane	72	1.508	1.508	(0.373)	24224	25.2824	25(R)
127 Ethanol	46	1.593	1.599	(0.395)	53244	2812.63	2800
46 Ethyl Ether	59	1.636	1.636	(0.405)	66422	20.2151	20
119 Isoprene	67	1.648	1.648	(0.408)	164464	24.3180	24
47 Acrolein	56	1.715	1.715	(0.425)	31143	110.420	110
10 1,1-Dichloroethene	96	1.770	1.770	(0.438)	97921	22.0764	22
48 Freon TF	101	1.770	1.770	(0.438)	116706	23.7508	24

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46670.d
Report Date: 28-Mar-2011 05:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
7	Acetone	43	1.807	1.813	(0.447)	20795	26.5458	26
142	Iodomethane	142	1.868	1.868	(0.462)	132247	22.5388	22
8	Carbon Disulfide	76	1.904	1.904	(0.472)	277163	20.0725	20
50	Acetonitrile	41	1.990	1.990	(0.493)	143162	450.689	450
125	Methyl acetate	74	2.014	2.014	(0.499)	17584	18.6719	19
6	Methylene Chloride	84	2.081	2.081	(0.515)	102459	19.8117	20
51	TBA	59	2.172	2.173	(0.538)	143392	416.729	420
52	Acrylonitrile	53	2.246	2.246	(0.556)	176521	151.164	150
12	trans-1,2-Dichloroethene	96	2.258	2.258	(0.559)	112335	20.9619	21
53	MTBE	73	2.270	2.270	(0.562)	234907	19.8878	20
49	Isopropanol	45	1.910	1.910	(0.473)	645468	3117.28	3100
54	Hexane	56	2.453	2.453	(0.607)	79102	18.7531	19
11	1,1-Dichloroethane	63	2.556	2.557	(0.633)	169851	20.1717	20
57	Vinyl Acetate	43	2.617	2.618	(0.648)	199018	21.3470	21
55	DIPE	45	2.624	2.624	(0.650)	257029	20.4238	20
149	tert-Butyl ethyl ether	59	2.904	2.898	(0.719)	257151	19.4408	19
104	2,2-Dichloropropane	77	3.002	3.002	(0.743)	167492	20.2587	20
13	cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	124347	20.5276	20
18	2-Butanone	72	3.026	3.026	(0.749)	10011	21.2151	21
56	Ethyl Acetate	70	3.087	3.087	(0.764)	13529	36.9169	37
108	Bromochloromethane	128	3.203	3.203	(0.793)	55504	20.3738	20
15	Chloroform	83	3.276	3.276	(0.811)	185551	20.3521	20
20	1,1,1-Trichloroethane	97	3.428	3.428	(0.849)	182844	21.6024	22
59	Cyclohexane	56	3.471	3.471	(0.860)	173810	19.4770	19
21	Carbon Tetrachloride	117	3.575	3.575	(0.885)	157935	22.5751	22
92	1,1-Dichloropropene	75	3.575	3.575	(0.885)	149243	19.8263	20
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	150100	44.6351	45
28	Benzene	78	3.764	3.764	(0.932)	429144	20.1500	20
17	1,2-Dichloroethane	62	3.788	3.782	(0.938)	110174	18.9213	19
61	Isopropyl Acetate	43	3.873	3.880	(0.959)	281163	39.5700	40
140	tert-Amylmethyl Ether	73	3.892	3.892	(0.964)	241151	20.3695	20
* 69	Fluorobenzene	96	4.038	4.038	(1.000)	914576	50.0000	
156	2,4,4-Trimethyl-1-pentene	112	4.373	4.367	(1.083)	50492	20.9052	21
25	Trichloroethene	95	4.404	4.404	(1.091)	117302	20.2881	20
63	n-Butanol	43	4.404	4.404	(1.091)	65336	1502.62	1500
96	Ethyl Acrylate	55	4.568	4.568	(1.131)	67507	14.6297	15
126	Methyl cyclohexane	83	4.599	4.599	(1.139)	219916	19.6491	20
23	1,2-Dichloropropane	63	4.641	4.642	(1.149)	89905	19.1388	19
109	Dibromomethane	93	4.763	4.763	(1.180)	53812	20.5025	20
95	1,4-Dioxane	88	4.824	4.818	(1.195)	7007	138.176	140
146	Methyl methacrylate	69	4.818	4.818	(1.193)	47115	19.9145	20
64	Propyl Acetate	43	4.904	4.898	(1.214)	154854	40.2784	40
22	Bromodichloromethane	83	4.958	4.959	(1.228)	127401	20.7194	21
30	2-Chloroethyl Vinyl Ether	63	5.343	5.349	(1.323)	6818	9.76497	9.8(R)
118	Epichlorohydrin	57	5.397	5.397	(1.337)	119534	405.684	400
24	cis-1,3-Dichloropropene	75	5.489	5.489	(1.359)	141468	19.1010	19
33	4-Methyl-2-Pentanone	43	5.714	5.708	(1.415)	47477	18.9609	19

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46670.d
Report Date: 28-Mar-2011 05:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.806	5.806	(0.748)	655679	44.3955	44
	38 Toluene	91	5.885	5.891	(0.759)	502669	20.0612	20
	29 trans-1,3-Dichloropropene	75	6.208	6.208	(0.800)	116905	18.3193	18
	27 1,1,2-Trichloroethane	83	6.434	6.434	(0.829)	60144	19.5536	20
	35 Tetrachloroethene	166	6.592	6.592	(0.850)	154342	22.5578	22
	103 1,3-Dichloropropane	76	6.647	6.653	(0.857)	123186	18.6628	19
	34 2-Hexanone	43	6.824	6.824	(0.880)	31118	18.2316	18
	26 Dibromochloromethane	129	6.946	6.946	(0.895)	88218	20.0587	20
	65 Butyl Acetate	43	7.050	7.050	(0.909)	166004	40.3606	40
	66 1,2-Dibromoethane	107	7.068	7.068	(0.911)	74503	19.4625	19
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	641256	50.0000	
	39 Chlorobenzene	112	7.799	7.799	(1.006)	314920	19.9651	20
	97 1,1,1,2-Tetrachloroethane	131	7.946	7.946	(1.024)	101134	19.8521	20
	40 Ethylbenzene	106	8.007	8.001	(1.032)	174163	20.4961	20
	43 m+p-Xylene	106	8.190	8.190	(1.056)	435506	40.8331	41
	44 o-Xylene	106	8.787	8.787	(1.133)	202001	19.5935	20
	42 Styrene	104	8.817	8.818	(1.137)	319484	19.1732	19
	147 Butyl Acrylate	55	8.872	8.866	(0.774)	117738	15.0488	15
	31 Bromoform	173	9.049	9.055	(1.167)	52808	16.8509	17
	110 Isopropylbenzene	105	9.397	9.397	(1.211)	572162	22.7779	23
$	41 Bromofluorobenzene (SUR)	174	9.604	9.604	(0.837)	249971	47.8394	48
	150 Camphene	41	9.750	9.750	(0.850)	48927	20.7776	21
	107 Bromobenzene	156	9.799	9.799	(0.854)	135923	19.3662	19
	36 1,1,2,2-Tetrachloroethane	83	9.921	9.921	(0.865)	84950	17.3292	17
	99 1,2,3-Trichloropropane	110	9.939	9.945	(0.867)	27831	18.8844	19
	143 trans-1,4-Dichloro-2-butene	53	10.018	10.019	(2.481)	21573	18.4112	18
	112 n-Propylbenzene	91	10.067	10.067	(0.878)	641992	19.6160	20
	105 2-Chlorotoluene	91	10.146	10.147	(0.885)	352728	18.1987	18
	106 4-Chlorotoluene	91	10.342	10.342	(0.902)	373858	18.2395	18
	102 1,3,5-Trimethylbenzene	105	10.390	10.390	(0.906)	457366	19.0296	19
	148 Butyl methacrylate	69	10.677	10.677	(0.931)	110126	13.8003	14(R)
	115 tert-Butylbenzene	119	10.909	10.909	(0.951)	433292	19.9597	20
	100 1,2,4-Trimethylbenzene	105	10.994	10.994	(0.959)	461672	18.8404	19
	114 sec-Butylbenzene	105	11.268	11.268	(0.982)	643802	20.2869	20
	67 1,3-Dichlorobenzene	146	11.366	11.366	(0.991)	276830	19.3421	19
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.469	(1.000)	350960	50.0000	
	68 1,4-Dichlorobenzene	146	11.506	11.500	(1.003)	275763	19.7925	20
	113 p-Isopropyltoluene	119	11.512	11.512	(1.004)	554242	20.2526	20
	69 1,2-Dichlorobenzene	146	11.975	11.975	(1.044)	249931	19.4978	19
	117 Benzyl chloride	91	11.719	11.719	(1.022)	162865	14.7192	15
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	500051	20.5446	20
	101 1,2-Dibromo-3-chloropropane	75	12.859	12.866	(1.121)	13201	15.6690	16
	152 Camphor	95	13.548	13.548	(1.181)	42325	92.3255	92
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	212728	20.3425	20
	94 Hexachlorobutadiene	225	13.810	13.810	(1.204)	122410	21.3104	21
	70 Naphthalene	128	13.835	13.841	(1.206)	367454	19.7636	20
	98 1,2,3-Trichlorobenzene	180	14.042	14.042	(1.224)	184601	19.6554	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11.b/o46670.d
Report Date: 28-Mar-2011 05:34

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				637507	60.4452	60

QC Flag Legend

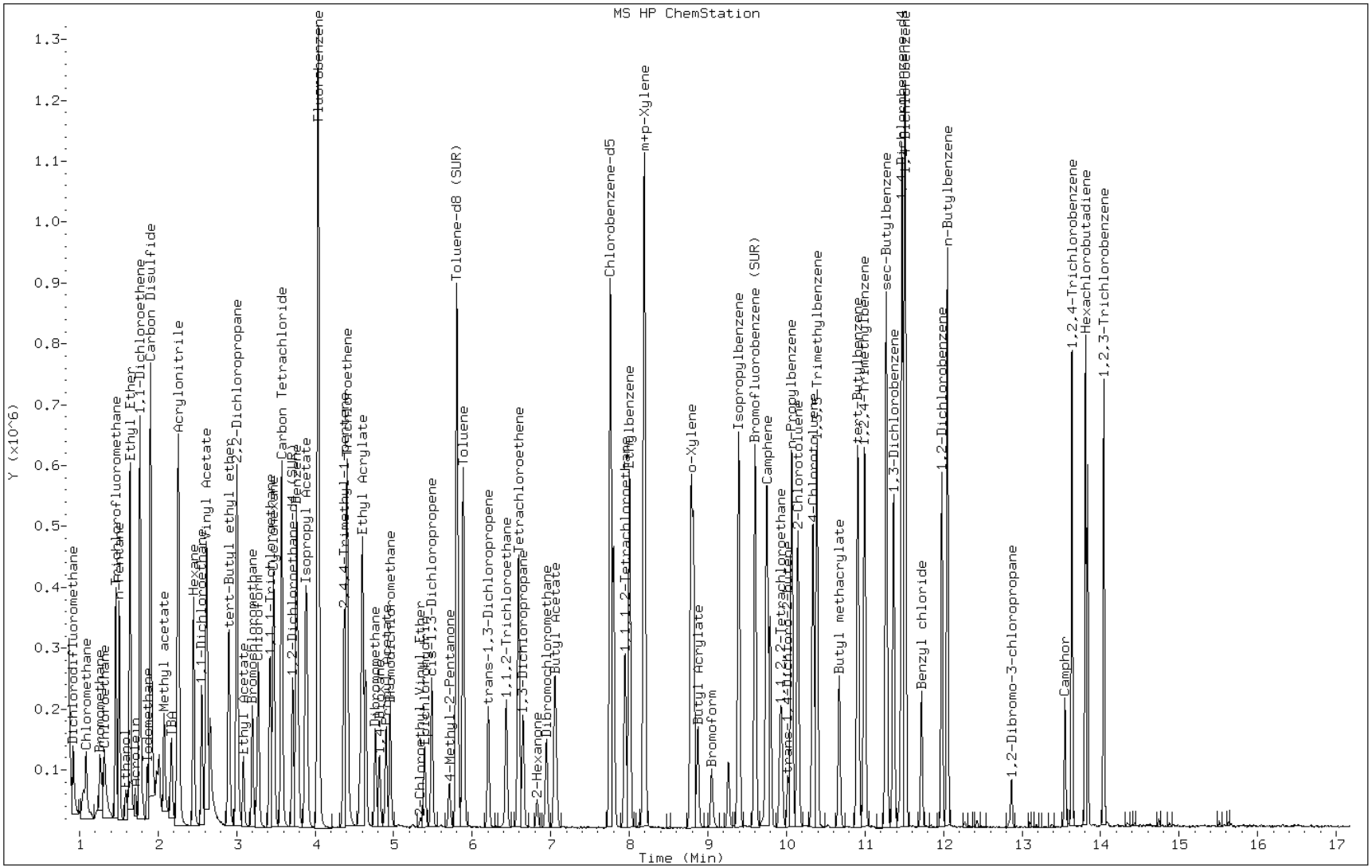
R - Spike/Surrogate failed recovery limits.

Data File: o46670.d

Date: 28-MAR-2011 05:12

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-68728/4

Matrix: Solid Lab File ID: o46700.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 18:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.8		1.0	0.63
74-83-9	Bromomethane	22.8		1.0	0.41
75-01-4	Vinyl chloride	18.7		1.0	0.23
75-00-3	Chloroethane	21.8		1.0	0.40
75-09-2	Methylene Chloride	20.1		1.0	0.47
67-64-1	Acetone	32.2		10	3.7
75-15-0	Carbon disulfide	17.7		1.0	0.46
75-69-4	Trichlorofluoromethane	18.1		1.0	0.26
75-35-4	1,1-Dichloroethene	18.8		1.0	0.37
75-34-3	1,1-Dichloroethane	19.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.24
67-66-3	Chloroform	19.7		1.0	0.24
78-93-3	2-Butanone	23.1		10	0.57
107-06-2	1,2-Dichloroethane	19.4		1.0	0.39
71-55-6	1,1,1-Trichloroethane	18.5		1.0	0.19
56-23-5	Carbon tetrachloride	19.2		1.0	0.10
71-43-2	Benzene	19.1		1.0	0.74
75-25-2	Bromoform	17.8		1.0	0.70
100-42-5	Styrene	19.1		1.0	0.35
100-41-4	Ethylbenzene	19.3		1.0	0.19
108-90-7	Chlorobenzene	19.7		1.0	0.48
110-82-7	Cyclohexane	16.4		1.0	0.22
98-82-8	Isopropylbenzene	21.0		1.0	0.26
591-78-6	2-Hexanone	22.3		10	1.7
1634-04-4	MTBE	20.3		1.0	0.34
76-13-1	Freon TF	20.1		1.0	0.48
79-20-9	Methyl acetate	19.8		1.0	0.90
123-91-1	1,4-Dioxane	191		50	4.2
79-01-6	Trichloroethene	19.2		1.0	0.36
108-88-3	Toluene	18.8		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.5		1.0	0.22
108-10-1	4-Methyl-2-pentanone	22.3		10	0.72
10061-01-5	cis-1,3-Dichloropropene	18.8		1.0	0.20
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.64
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-68728/4

Matrix: Solid | Lab File ID: o46700.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/28/2011 18:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	20.3		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	20.4		1.0	0.65
78-87-5	1,2-Dichloropropane	18.9		1.0	0.32
108-87-2	Methylcyclohexane	16.3		1.0	0.27
127-18-4	Tetrachloroethene	19.5		1.0	0.33
1330-20-7	Xylenes, Total	57.5		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.59
124-48-1	Dibromochloromethane	19.8		1.0	0.56
106-93-4	1,2-Dibromoethane	20.5		1.0	0.52
75-71-8	Dichlorodifluoromethane	17.5		1.0	0.41
74-97-5	Bromochloromethane	20.0		1.0	0.27
75-27-4	Bromodichloromethane	19.9		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	74		70-138
2037-26-5	Toluene-d8 (Surr)	72		66-126
460-00-4	Bromofluorobenzene	77		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Report Date: 28-Mar-2011 19:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Lab Smp Id: LCSD
Inj Date : 28-MAR-2011 18:59
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 5 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M	14 1,2-Dichloroethene (total)	100				223442	38.9613	39
	90 Dichlorodifluoromethane	85	0.929	0.929	(0.230)	99483	17.4903	17
	1 Chloromethane	50	1.063	1.063	(0.263)	108771	17.8163	18
	4 Vinyl Chloride	62	1.087	1.087	(0.269)	109033	18.6799	19
	3 Bromomethane	94	1.270	1.270	(0.315)	74536	22.8044	23
	5 Chloroethane	64	1.325	1.325	(0.328)	87772	21.7673	22
	9 Trichlorofluoromethane	101	1.465	1.465	(0.363)	165266	18.1013	18
	121 n-Pentane	72	1.514	1.514	(0.375)	19092	19.8526	20
	127 Ethanol	46	1.593	1.593	(0.395)	63645	3349.61	3300
	46 Ethyl Ether	59	1.642	1.642	(0.407)	67538	20.4786	20
	119 Isoprene	67	1.648	1.648	(0.408)	139822	20.5978	20
	47 Acrolein	56	1.715	1.715	(0.425)	32014	113.087	110
	10 1,1-Dichloroethene	96	1.776	1.776	(0.440)	83905	18.8465	19
	48 Freon TF	101	1.776	1.776	(0.440)	99100	20.0931	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Report Date: 28-Mar-2011 19:19

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	7 Acetone	43	1.813	1.813	(0.449)	25330	32.2153	32
	142 Iodomethane	142	1.874	1.868	(0.464)	119663	20.3186	20
	8 Carbon Disulfide	76	1.904	1.904	(0.472)	245906	17.7429	18
	50 Acetonitrile	41	1.996	1.996	(0.494)	174259	546.549	550
	125 Methyl acetate	74	2.020	2.020	(0.500)	18693	19.7755	20
	6 Methylene Chloride	84	2.081	2.081	(0.515)	104521	20.1355	20
	51 TBA	59	2.173	2.173	(0.538)	159442	461.655	460
	52 Acrylonitrile	53	2.252	2.252	(0.558)	195110	166.464	170
	12 trans-1,2-Dichloroethene	96	2.264	2.264	(0.561)	103156	19.1778	19
	53 MTBE	73	2.270	2.270	(0.562)	240228	20.2629	20
	49 Isopropanol	45	1.910	1.910	(0.473)	719825	3463.50	3500
	54 Hexane	56	2.459	2.459	(0.609)	65633	15.5024	16
	11 1,1-Dichloroethane	63	2.563	2.563	(0.635)	160639	19.0069	19
	57 Vinyl Acetate	43	2.624	2.624	(0.650)	193921	20.7232	21
	55 DIPE	45	2.624	2.624	(0.650)	264842	20.9667	21
	149 tert-Butyl ethyl ether	59	2.904	2.904	(0.719)	261072	19.6642	20
	104 2,2-Dichloropropane	77	3.008	3.008	(0.745)	148135	17.8510	18
	13 cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	120286	19.7835	20
	18 2-Butanone	72	3.038	3.032	(0.752)	10951	23.1205	23
	56 Ethyl Acetate	70	3.087	3.093	(0.764)	15249	41.4571	41
	108 Bromochloromethane	128	3.203	3.209	(0.793)	54803	20.0418	20
	15 Chloroform	83	3.282	3.282	(0.813)	180077	19.6785	20
	20 1,1,1-Trichloroethane	97	3.428	3.428	(0.849)	157052	18.4863	18
	59 Cyclohexane	56	3.471	3.477	(0.860)	146473	16.3528	16
	21 Carbon Tetrachloride	117	3.575	3.575	(0.885)	134545	19.1604	19
	92 1,1-Dichloropropene	75	3.581	3.581	(0.887)	133352	17.6496	18
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	125251	37.1078	37
	28 Benzene	78	3.764	3.770	(0.932)	407368	19.0566	19
	17 1,2-Dichloroethane	62	3.788	3.788	(0.938)	113329	19.3912	19
	61 Isopropyl Acetate	43	3.880	3.880	(0.961)	303071	42.4952	42
	140 tert-Amylmethyl Ether	73	3.898	3.898	(0.965)	246939	20.7811	21
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	917979	50.0000	
	156 2,4,4-Trimethyl-1-pentene	112	4.379	4.373	(1.085)	42806	17.6575	18
	25 Trichloroethene	95	4.410	4.410	(1.092)	111631	19.2357	19
	63 n-Butanol	43	4.410	4.410	(1.092)	77229	1718.38	1700
	96 Ethyl Acrylate	55	4.574	4.575	(1.133)	80739	17.4324	17
	126 Methyl cyclohexane	83	4.605	4.605	(1.140)	183204	16.3083	16
	23 1,2-Dichloropropane	63	4.648	4.648	(1.151)	89012	18.8783	19
	109 Dibromomethane	93	4.763	4.770	(1.180)	55448	21.0475	21
	95 1,4-Dioxane	88	4.824	4.812	(1.195)	9741	191.380	190
	146 Methyl methacrylate	69	4.818	4.818	(1.193)	49247	20.7385	21
	64 Propyl Acetate	43	4.904	4.904	(1.214)	172968	44.8234	45
	22 Bromodichloromethane	83	4.959	4.965	(1.228)	122663	19.8749	20
	30 2-Chloroethyl Vinyl Ether	63	5.343	5.349	(1.323)	5501	7.85463	7.8(R)
	118 Epichlorohydrin	57	5.398	5.398	(1.337)	137598	465.259	460
	24 cis-1,3-Dichloropropene	75	5.489	5.495	(1.359)	139832	18.8101	19
	33 4-Methyl-2-Pentanone	43	5.715	5.715	(1.415)	55955	22.2642	22

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Report Date: 28-Mar-2011 19:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	541630	36.2475	36
	38 Toluene	91	5.891	5.891	(0.759)	476765	18.8064	19
	29 trans-1,3-Dichloropropene	75	6.208	6.208	(0.800)	119632	18.5289	18
	27 1,1,2-Trichloroethane	83	6.440	6.440	(0.830)	60562	19.4610	19
	35 Tetrachloroethene	166	6.592	6.599	(0.849)	135051	19.5091	20
	103 1,3-Dichloropropane	76	6.653	6.653	(0.857)	130143	19.4878	19
	34 2-Hexanone	43	6.830	6.830	(0.880)	38544	22.3206	22
	26 Dibromochloromethane	129	6.946	6.952	(0.895)	88252	19.8336	20
	65 Butyl Acetate	43	7.056	7.056	(0.909)	189506	45.5397	46
	66 1,2-Dibromoethane	107	7.074	7.074	(0.911)	79484	20.5227	20
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	648790	50.0000	
	39 Chlorobenzene	112	7.799	7.800	(1.005)	314182	19.6871	20
	97 1,1,1,2-Tetrachloroethane	131	7.946	7.952	(1.024)	100520	19.5025	20
	40 Ethylbenzene	106	8.007	8.007	(1.031)	165693	19.2729	19
	43 m+p-Xylene	106	8.190	8.196	(1.055)	416279	38.5772	38
	44 o-Xylene	106	8.787	8.787	(1.132)	197242	18.9098	19
	42 Styrene	104	8.818	8.818	(1.136)	322529	19.1312	19
	147 Butyl Acrylate	55	8.872	8.872	(0.773)	124623	15.5143	16
	31 Bromoform	173	9.055	9.055	(1.166)	56354	17.7737	18
	110 Isopropylbenzene	105	9.397	9.403	(1.210)	532596	20.9565	21
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	205643	38.3320	38
	150 Camphene	41	9.750	9.756	(0.850)	43293	17.9066	18
	107 Bromobenzene	156	9.799	9.799	(0.854)	134949	18.7271	19
	36 1,1,2,2-Tetrachloroethane	83	9.927	9.927	(0.865)	90989	18.0780	18
	99 1,2,3-Trichloropropane	110	9.945	9.945	(0.867)	31360	20.7250	21
	143 trans-1,4-Dichloro-2-butene	53	10.025	10.025	(2.483)	25045	21.2952	21
	112 n-Propylbenzene	91	10.073	10.073	(0.878)	602665	17.9352	18
	105 2-Chlorotoluene	91	10.153	10.153	(0.885)	350025	17.5893	18
	106 4-Chlorotoluene	91	10.342	10.342	(0.901)	366045	17.3937	17
	102 1,3,5-Trimethylbenzene	105	10.390	10.390	(0.905)	437102	17.7133	18
	148 Butyl methacrylate	69	10.677	10.677	(0.930)	115322	14.0755	14(R)
	115 tert-Butylbenzene	119	10.909	10.915	(0.951)	408556	18.3306	18
	100 1,2,4-Trimethylbenzene	105	11.000	11.000	(0.959)	448878	17.8416	18
	114 sec-Butylbenzene	105	11.274	11.274	(0.982)	596226	18.2989	18
	67 1,3-Dichlorobenzene	146	11.366	11.366	(0.990)	278218	18.9333	19
*	91 1,4-Dichlorobenzene-d4	152	11.476	11.476	(1.000)	360335	50.0000	
	68 1,4-Dichlorobenzene	146	11.506	11.506	(1.003)	283380	19.8100	20
	113 p-Isopropyltoluene	119	11.518	11.518	(1.004)	519314	18.4825	18
	69 1,2-Dichlorobenzene	146	11.982	11.982	(1.044)	259957	19.7523	20
	117 Benzyl chloride	91	11.719	11.720	(1.021)	162941	14.3430	14
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	466387	18.6630	19
	101 1,2-Dibromo-3-chloropropane	75	12.866	12.866	(1.121)	16025	18.5259	18
	152 Camphor	95	13.548	13.548	(1.181)	50787	107.902	110
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	217733	20.2794	20
	94 Hexachlorobutadiene	225	13.810	13.811	(1.203)	115606	19.6023	20
	70 Naphthalene	128	13.841	13.841	(1.206)	424041	22.2137	22
	98 1,2,3-Trichlorobenzene	180	14.042	14.048	(1.224)	196364	20.3640	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Report Date: 28-Mar-2011 19:19

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				613522	57.4955	57

QC Flag Legend

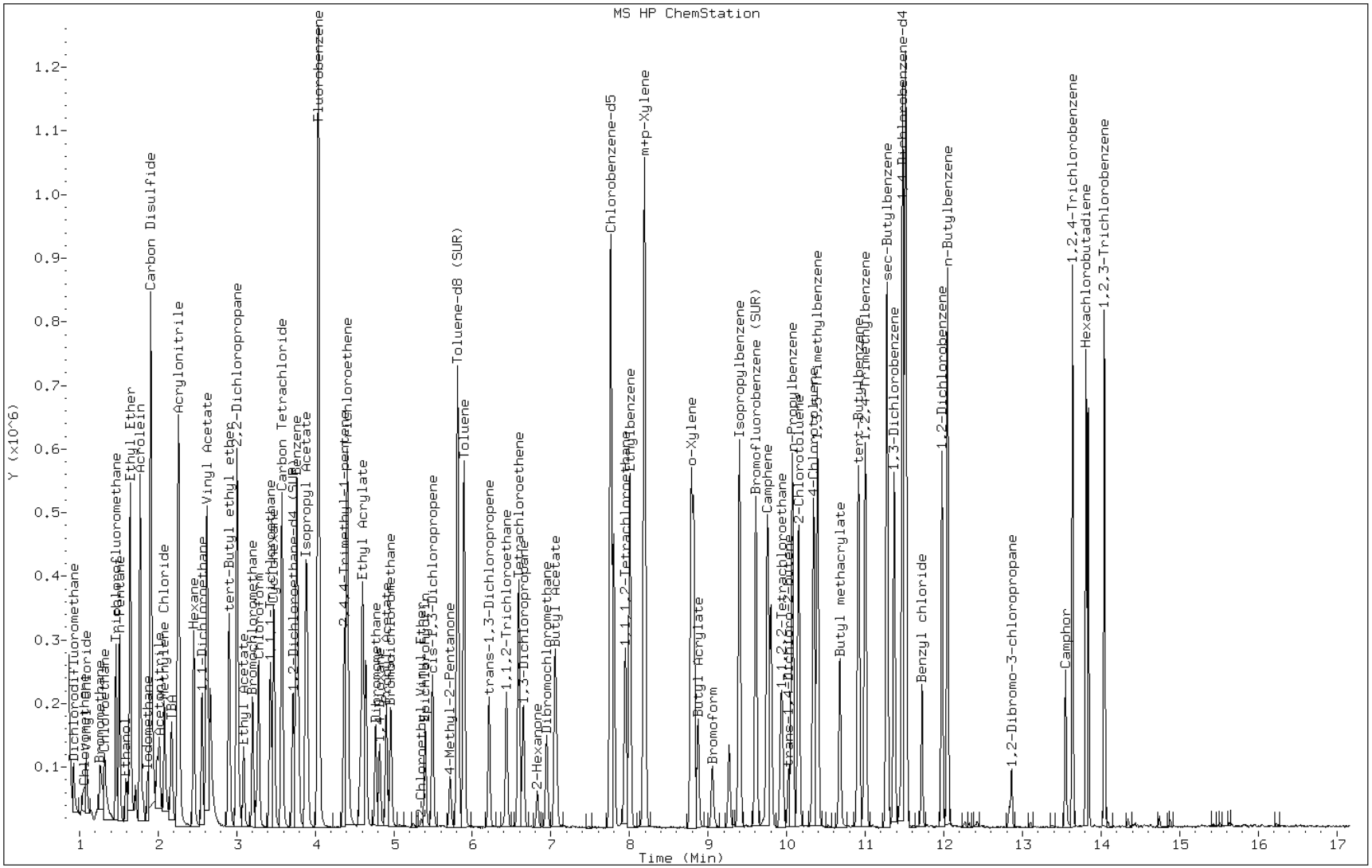
R - Spike/Surrogate failed recovery limits.

Data File: o46700.d

Date: 28-MAR-2011 18:59

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-68801/4

Matrix: Solid Lab File ID: o46724.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/29/2011 06:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68801 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.9		1.0	0.63
74-83-9	Bromomethane	23.5		1.0	0.41
75-01-4	Vinyl chloride	22.3		1.0	0.23
75-00-3	Chloroethane	25.9		1.0	0.40
75-09-2	Methylene Chloride	22.0		1.0	0.47
67-64-1	Acetone	32.1		10	3.7
75-15-0	Carbon disulfide	21.0		1.0	0.46
75-69-4	Trichlorofluoromethane	25.2		1.0	0.26
75-35-4	1,1-Dichloroethene	23.6		1.0	0.37
75-34-3	1,1-Dichloroethane	21.6		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	22.5		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	21.1		1.0	0.24
67-66-3	Chloroform	21.3		1.0	0.24
78-93-3	2-Butanone	22.6		10	0.57
107-06-2	1,2-Dichloroethane	19.6		1.0	0.39
71-55-6	1,1,1-Trichloroethane	22.4		1.0	0.19
56-23-5	Carbon tetrachloride	23.2		1.0	0.10
71-43-2	Benzene	21.1		1.0	0.74
75-25-2	Bromoform	17.4		1.0	0.70
100-42-5	Styrene	20.4		1.0	0.35
100-41-4	Ethylbenzene	21.3		1.0	0.19
108-90-7	Chlorobenzene	21.0		1.0	0.48
110-82-7	Cyclohexane	20.4		1.0	0.22
98-82-8	Isopropylbenzene	23.9		1.0	0.26
591-78-6	2-Hexanone	20.2		10	1.7
1634-04-4	MTBE	20.6		1.0	0.34
76-13-1	Freon TF	24.6		1.0	0.48
79-20-9	Methyl acetate	20.2		1.0	0.90
123-91-1	1,4-Dioxane	175		50	4.2
79-01-6	Trichloroethene	21.7		1.0	0.36
108-88-3	Toluene	20.9		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.22
108-10-1	4-Methyl-2-pentanone	20.3		10	0.72
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.20
95-50-1	1,2-Dichlorobenzene	20.2		1.0	0.64
541-73-1	1,3-Dichlorobenzene	20.6		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-68801/4

Matrix: Solid | Lab File ID: o46724.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/29/2011 06:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68801 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.6		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	21.1		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	20.2		1.0	0.65
78-87-5	1,2-Dichloropropane	20.4		1.0	0.32
108-87-2	Methylcyclohexane	21.0		1.0	0.27
127-18-4	Tetrachloroethene	23.6		1.0	0.33
1330-20-7	Xylenes, Total	63.4		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	17.6		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.6		1.0	0.76
79-00-5	1,1,2-Trichloroethane	20.8		1.0	0.59
124-48-1	Dibromochloromethane	20.6		1.0	0.56
106-93-4	1,2-Dibromoethane	20.6		1.0	0.52
75-71-8	Dichlorodifluoromethane	24.1		1.0	0.41
74-97-5	Bromochloromethane	21.1		1.0	0.27
75-27-4	Bromodichloromethane	20.7		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	75		70-138
2037-26-5	Toluene-d8 (Surr)	75		66-126
460-00-4	Bromofluorobenzene	78		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46724.d
Report Date: 29-Mar-2011 06:40

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46724.d
Lab Smp Id: LCSD
Inj Date : 29-MAR-2011 06:18
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/8260L_10.m
Meth Date : 29-Mar-2011 05:09 audberto Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 14 1,2-Dichloroethene (total)	100				234625	43.5976	44
90 Dichlorodifluoromethane	85	0.923	0.923	(0.229)	128852	24.0708	24
1 Chloromethane	50	1.057	1.063	(0.262)	108395	18.8652	19
4 Vinyl Chloride	62	1.087	1.087	(0.270)	122455	22.2916	22
3 Bromomethane	94	1.264	1.264	(0.314)	72193	23.4690	23
5 Chloroethane	64	1.319	1.319	(0.327)	98120	25.8554	26
9 Trichlorofluoromethane	101	1.459	1.459	(0.362)	216676	25.2166	25
121 n-Pentane	72	1.508	1.508	(0.374)	23972	26.4852	26(R)
127 Ethanol	46	1.593	1.593	(0.395)	59013	3300.08	3300
46 Ethyl Ether	59	1.636	1.636	(0.406)	67280	21.6765	22
119 Isoprene	67	1.648	1.648	(0.409)	162087	25.3712	25(R)
47 Acrolein	56	1.709	1.715	(0.424)	29931	112.342	110
10 1,1-Dichloroethene	96	1.770	1.770	(0.439)	98861	23.5947	24
48 Freon TF	101	1.770	1.770	(0.439)	114085	24.5780	24

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46724.d
Report Date: 29-Mar-2011 06:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.813	1.807	(0.450)	23784	32.1412	32
	142 Iodomethane	142	1.862	1.862	(0.462)	129376	23.3419	23
	8 Carbon Disulfide	76	1.904	1.898	(0.472)	273779	20.9895	21
	50 Acetonitrile	41	1.990	1.990	(0.493)	168955	563.059	560
	125 Methyl acetate	74	2.014	2.014	(0.500)	17993	20.2251	20
	6 Methylene Chloride	84	2.081	2.081	(0.516)	107335	21.9708	22
	51 TBA	59	2.172	2.172	(0.539)	144420	444.312	440
	52 Acrylonitrile	53	2.246	2.246	(0.557)	184326	167.099	170
	12 trans-1,2-Dichloroethene	96	2.258	2.258	(0.560)	113916	22.5028	22
	53 MTBE	73	2.264	2.264	(0.562)	230042	20.6174	21
	49 Isopropanol	45	1.910	1.910	(0.474)	658622	3367.22	3400
	54 Hexane	56	2.453	2.453	(0.608)	78477	19.6955	20
	11 1,1-Dichloroethane	63	2.557	2.557	(0.634)	171771	21.5951	22
	57 Vinyl Acetate	43	2.617	2.618	(0.649)	193000	21.9148	22
	55 DIPE	45	2.617	2.624	(0.649)	267367	22.4905	22
	149 tert-Butyl ethyl ether	59	2.898	2.898	(0.719)	243493	19.4872	19
	104 2,2-Dichloropropane	77	3.002	3.002	(0.744)	164221	21.0271	21
	13 cis-1,2-Dichloroethene	96	3.002	3.002	(0.744)	120709	21.0948	21
	18 2-Butanone	72	3.026	3.026	(0.750)	10087	22.6282	23
	56 Ethyl Acetate	70	3.081	3.087	(0.764)	13706	39.5927	40
	108 Bromochloromethane	128	3.203	3.203	(0.794)	54300	21.0999	21
	15 Chloroform	83	3.276	3.276	(0.812)	183821	21.3441	21
	20 1,1,1-Trichloroethane	97	3.422	3.422	(0.849)	179180	22.4101	22
	59 Cyclohexane	56	3.465	3.471	(0.859)	172222	20.4301	20
	21 Carbon Tetrachloride	117	3.569	3.569	(0.885)	153330	23.2014	23
	92 1,1-Dichloropropene	75	3.569	3.575	(0.885)	149507	21.0253	21
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.709	3.709	(0.920)	119713	37.6855	38
	28 Benzene	78	3.757	3.758	(0.932)	424619	21.1060	21
	17 1,2-Dichloroethane	62	3.782	3.782	(0.938)	107849	19.6076	20
	61 Isopropyl Acetate	43	3.873	3.873	(0.961)	272097	40.5385	40
	140 tert-Amylmethyl Ether	73	3.892	3.892	(0.965)	230154	20.5800	20
*	69 Fluorobenzene	96	4.032	4.032	(1.000)	863943	50.0000	
	156 2,4,4-Trimethyl-1-pentene	112	4.367	4.367	(1.083)	50519	22.1423	22
	25 Trichloroethene	95	4.404	4.404	(1.092)	118505	21.6974	22
	63 n-Butanol	43	4.398	4.404	(1.091)	67293	1614.24	1600
	96 Ethyl Acrylate	55	4.568	4.568	(1.133)	76112	17.4612	17
	126 Methyl cyclohexane	83	4.599	4.599	(1.141)	222012	20.9990	21
	23 1,2-Dichloropropane	63	4.641	4.635	(1.151)	90451	20.3835	20
	109 Dibromomethane	93	4.763	4.763	(1.181)	51286	20.6852	21
	95 1,4-Dioxane	88	4.818	4.818	(1.195)	8388	175.100	180
	146 Methyl methacrylate	69	4.812	4.812	(1.194)	45465	20.3434	20
	64 Propyl Acetate	43	4.898	4.898	(1.215)	155590	42.8419	43
	22 Bromodichloromethane	83	4.952	4.952	(1.228)	120420	20.7320	21
	30 2-Chloroethyl Vinyl Ether	63	5.343	5.343	(1.325)	3694	5.61037	5.6(R)
	118 Epichlorohydrin	57	5.391	5.391	(1.337)	124061	445.724	440
	24 cis-1,3-Dichloropropene	75	5.483	5.489	(1.360)	135503	19.3678	19
	33 4-Methyl-2-Pentanone	43	5.708	5.708	(1.416)	48005	20.2955	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46724.d
Report Date: 29-Mar-2011 06:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.800	5.806	(0.748)	517700	37.3508	37
	38 Toluene	91	5.885	5.885	(0.759)	491007	20.8803	21
	29 trans-1,3-Dichloropropene	75	6.202	6.202	(0.800)	114550	19.1268	19
	27 1,1,2-Trichloroethane	83	6.434	6.434	(0.829)	59910	20.7544	21
	35 Tetrachloroethene	166	6.586	6.586	(0.849)	151823	23.6441	24
	103 1,3-Dichloropropane	76	6.647	6.647	(0.857)	121269	19.5767	20
	34 2-Hexanone	43	6.824	6.824	(0.880)	32307	20.1692	20
	26 Dibromochloromethane	129	6.940	6.940	(0.895)	85015	20.5976	20
	65 Butyl Acetate	43	7.050	7.050	(0.909)	167592	43.4178	43
	66 1,2-Dibromoethane	107	7.068	7.068	(0.911)	74174	20.6467	21
*	32 Chlorobenzene-d5	117	7.757	7.757	(1.000)	601807	50.0000	
	39 Chlorobenzene	112	7.793	7.793	(1.005)	310204	20.9553	21
	97 1,1,1,2-Tetrachloroethane	131	7.940	7.946	(1.024)	99076	20.7231	21
	40 Ethylbenzene	106	8.001	8.001	(1.031)	169874	21.3017	21
	43 m+p-Xylene	106	8.183	8.184	(1.055)	426911	42.6511	43
	44 o-Xylene	106	8.781	8.781	(1.132)	201100	20.7848	21
	42 Styrene	104	8.811	8.811	(1.136)	319240	20.4144	20
	147 Butyl Acrylate	55	8.866	8.866	(0.773)	110744	14.8087	15
	31 Bromoform	173	9.049	9.049	(1.167)	51075	17.3664	17
	110 Isopropylbenzene	105	9.391	9.391	(1.211)	563679	23.9112	24
$	41 Bromofluorobenzene (SUR)	174	9.604	9.604	(0.837)	195066	39.0561	39
	150 Camphene	41	9.750	9.750	(0.850)	49212	21.8643	22
	107 Bromobenzene	156	9.793	9.793	(0.854)	132144	19.6974	20
	36 1,1,2,2-Tetrachloroethane	83	9.921	9.921	(0.865)	82479	17.6021	18
	99 1,2,3-Trichloropropane	110	9.939	9.939	(0.867)	27892	19.7997	20
	143 trans-1,4-Dichloro-2-butene	53	10.018	10.019	(2.485)	22731	20.5366	20
	112 n-Propylbenzene	91	10.067	10.067	(0.878)	639340	20.4373	20
	105 2-Chlorotoluene	91	10.146	10.147	(0.885)	353910	19.1032	19
	106 4-Chlorotoluene	91	10.335	10.336	(0.901)	365077	18.6338	19
	102 1,3,5-Trimethylbenzene	105	10.384	10.384	(0.905)	456616	19.8760	20
	148 Butyl methacrylate	69	10.671	10.671	(0.930)	107391	14.0793	14(R)
	115 tert-Butylbenzene	119	10.902	10.909	(0.951)	435579	20.9919	21
	100 1,2,4-Trimethylbenzene	105	10.994	10.994	(0.959)	450837	19.2480	19
	114 sec-Butylbenzene	105	11.268	11.268	(0.982)	638938	21.0637	21
	67 1,3-Dichlorobenzene	146	11.360	11.360	(0.990)	281883	20.6049	21
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.469	(1.000)	335464	50.0000	
	68 1,4-Dichlorobenzene	146	11.500	11.500	(1.003)	273951	20.5708	20
	113 p-Isopropyltoluene	119	11.512	11.512	(1.004)	550823	21.0574	21
	69 1,2-Dichlorobenzene	146	11.975	11.975	(1.044)	247508	20.2007	20
	117 Benzyl chloride	91	11.719	11.719	(1.022)	152466	14.4159	14
	111 n-Butylbenzene	91	12.042	12.049	(1.050)	490074	21.0648	21
	101 1,2-Dibromo-3-chloropropane	75	12.859	12.859	(1.121)	14146	17.5663	18
	152 Camphor	95	13.548	13.548	(1.181)	43426	99.1028	99
	93 1,2,4-Trichlorobenzene	180	13.634	13.634	(1.189)	210814	21.0907	21
	94 Hexachlorobutadiene	225	13.810	13.810	(1.204)	124486	22.6729	23
	70 Naphthalene	128	13.835	13.835	(1.206)	366702	20.6342	21
	98 1,2,3-Trichlorobenzene	180	14.042	14.042	(1.224)	181330	20.1990	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/29mar11.b/o46724.d
Report Date: 29-Mar-2011 06:40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				628012	63.4481	63

QC Flag Legend

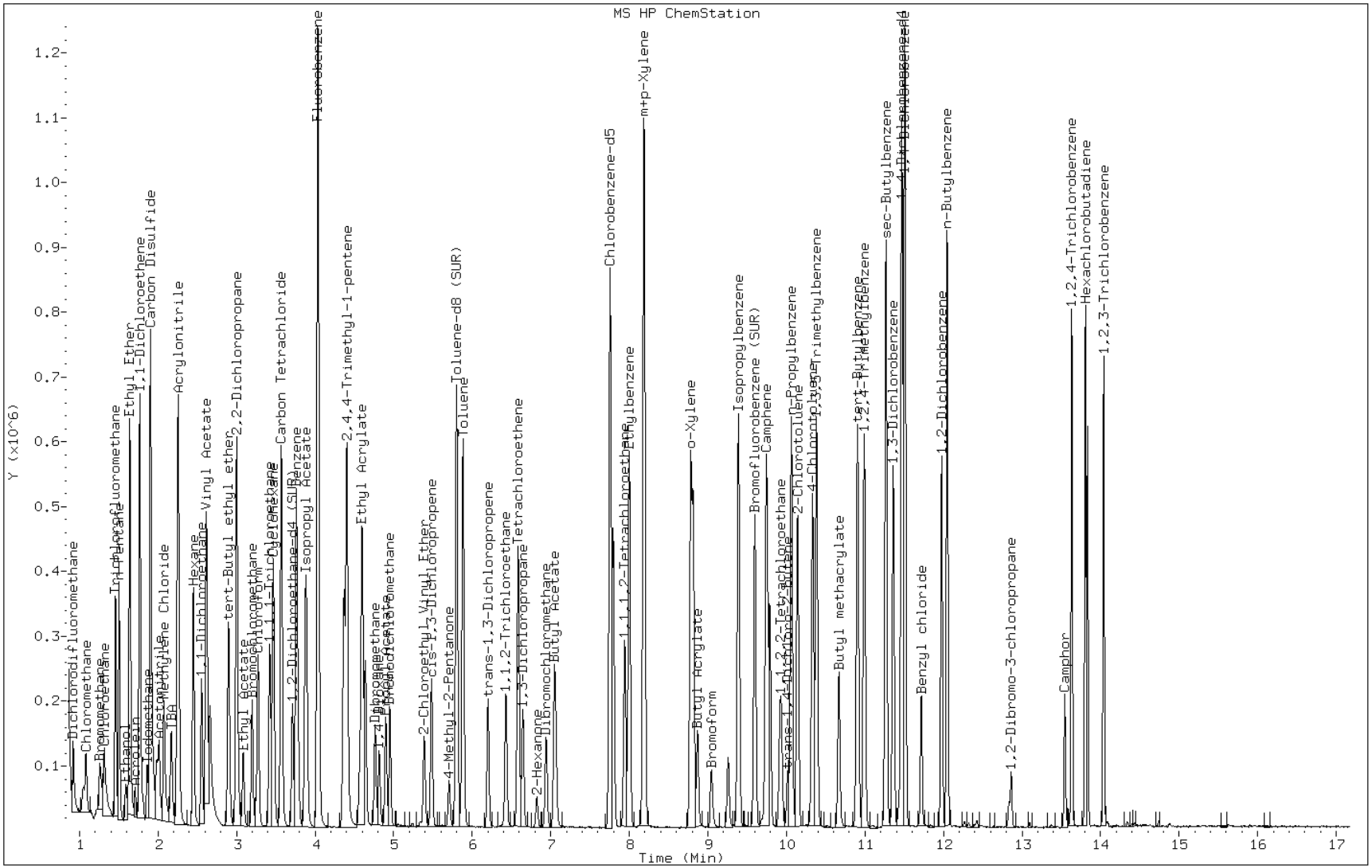
R - Spike/Surrogate failed recovery limits.

Data File: o46724.d

Date: 29-MAR-2011 06:18

Client ID: Instrument: VOAMS12.i

Sample Info: LCSD Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) MS Lab Sample ID: 460-24277-31 MS

Matrix: Solid Lab File ID: j98669.d

Analysis Method: 8260B Date Collected: 03/18/2011 13:00

Sample wt/vol: 11.49(g) Date Analyzed: 03/25/2011 16:05

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.6 Level: (low/med) Medium

Analysis Batch No.: 68512 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	528		25	5.4
74-83-9	Bromomethane	445		25	8.0
75-01-4	Vinyl chloride	548		25	3.1
75-00-3	Chloroethane	401		25	11
75-09-2	Methylene Chloride	452		25	4.9
67-64-1	Acetone	2900		250	63
75-15-0	Carbon disulfide	392		25	3.7
75-69-4	Trichlorofluoromethane	455		25	4.0
75-35-4	1,1-Dichloroethene	387		25	3.6
75-34-3	1,1-Dichloroethane	486		25	2.5
156-60-5	trans-1,2-Dichloroethene	445		25	3.5
156-59-2	cis-1,2-Dichloroethene	491		25	4.9
67-66-3	Chloroform	493		25	4.0
78-93-3	2-Butanone	1010		250	21
107-06-2	1,2-Dichloroethane	536		25	6.3
71-55-6	1,1,1-Trichloroethane	441		25	6.3
56-23-5	Carbon tetrachloride	374		25	4.6
71-43-2	Benzene	531		25	3.0
75-25-2	Bromoform	426		25	2.5
100-42-5	Styrene	440		25	3.5
100-41-4	Ethylbenzene	598		25	6.3
108-90-7	Chlorobenzene	477		25	4.2
110-82-7	Cyclohexane	527		25	3.2
98-82-8	Isopropylbenzene	577		25	5.4
591-78-6	2-Hexanone	420		250	14
1634-04-4	MTBE	469		25	4.7
76-13-1	Freon TF	390		25	7.3
79-20-9	Methyl acetate	454		51	8.4
123-91-1	1,4-Dioxane	3120		1300	220
79-01-6	Trichloroethene	464		25	4.5
108-88-3	Toluene	456		25	2.4
10061-02-6	trans-1,3-Dichloropropene	468		25	3.1
108-10-1	4-Methyl-2-pentanone	531		250	17
10061-01-5	cis-1,3-Dichloropropene	464		25	2.6
95-50-1	1,2-Dichlorobenzene	447		25	4.2
541-73-1	1,3-Dichlorobenzene	492		25	5.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) MS | Lab Sample ID: 460-24277-31 MS

Matrix: Solid | Lab File ID: j98669.d

Analysis Method: 8260B | Date Collected: 03/18/2011 13:00

Sample wt/vol: 11.49(g) | Date Analyzed: 03/25/2011 16:05

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.6 | Level: (low/med) Medium

Analysis Batch No.: 68512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	709		25	3.8
120-82-1	1,2,4-Trichlorobenzene	167		25	11
87-61-6	1,2,3-Trichlorobenzene	86.7		25	21
78-87-5	1,2-Dichloropropane	504		25	2.2
108-87-2	Methylcyclohexane	737		25	2.0
127-18-4	Tetrachloroethene	411		25	5.0
1330-20-7	Xylenes, Total	2040		76	11
96-12-8	1,2-Dibromo-3-Chloropropane	463		25	3.9
79-34-5	1,1,2,2-Tetrachloroethane	746		25	2.2
79-00-5	1,1,2-Trichloroethane	521		25	2.5
124-48-1	Dibromochloromethane	458		25	2.6
106-93-4	1,2-Dibromoethane	442		25	2.3
75-71-8	Dichlorodifluoromethane	504		25	7.2
74-97-5	Bromochloromethane	492		25	4.4
75-27-4	Bromodichloromethane	523		25	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		57-135
2037-26-5	Toluene-d8 (Surr)	77		46-130
460-00-4	Bromofluorobenzene	91		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24265-D-6-A MS

Matrix: Solid Lab File ID: p45584.d

Analysis Method: 8260B Date Collected: 03/17/2011 10:30

Sample wt/vol: 4.68(g) Date Analyzed: 03/30/2011 14:41

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	998		62	13
74-83-9	Bromomethane	904		62	20
75-01-4	Vinyl chloride	1220		62	7.5
75-00-3	Chloroethane	1180		62	28
75-09-2	Methylene Chloride	1160		62	12
67-64-1	Acetone	2040		620	160
75-15-0	Carbon disulfide	1040		62	9.1
75-69-4	Trichlorofluoromethane	1290		62	9.8
75-35-4	1,1-Dichloroethene	1310		62	8.8
75-34-3	1,1-Dichloroethane	1110		62	6.2
156-60-5	trans-1,2-Dichloroethene	1220		62	8.6
156-59-2	cis-1,2-Dichloroethene	1160		62	12
67-66-3	Chloroform	1150		62	9.7
78-93-3	2-Butanone	827		620	51
107-06-2	1,2-Dichloroethane	1050		62	15
71-55-6	1,1,1-Trichloroethane	1150		62	15
56-23-5	Carbon tetrachloride	1240		62	11
71-43-2	Benzene	1140		62	7.4
75-25-2	Bromoform	983		62	6.2
100-42-5	Styrene	934		62	8.7
100-41-4	Ethylbenzene	1090		62	15
108-90-7	Chlorobenzene	1060		62	10
110-82-7	Cyclohexane	1120		62	7.7
98-82-8	Isopropylbenzene	1220		62	13
591-78-6	2-Hexanone	734		620	34
1634-04-4	MTBE	986		62	12
76-13-1	Freon TF	1230		62	18
79-20-9	Methyl acetate	944		120	21
123-91-1	1,4-Dioxane	3100	U	3100	530
79-01-6	Trichloroethene	1160		62	11
108-88-3	Toluene	1020		62	5.9
10061-02-6	trans-1,3-Dichloropropene	914		62	7.6
108-10-1	4-Methyl-2-pentanone	717		620	43
10061-01-5	cis-1,3-Dichloropropene	944		62	6.4
95-50-1	1,2-Dichlorobenzene	1100		62	10
541-73-1	1,3-Dichlorobenzene	1080		62	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24265-D-6-A MS

Matrix: Solid | Lab File ID: p45584.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:30

Sample wt/vol: 4.68(g) | Date Analyzed: 03/30/2011 14:41

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1110		62	9.4
120-82-1	1,2,4-Trichlorobenzene	1120		62	27
87-61-6	1,2,3-Trichlorobenzene	1060		62	52
78-87-5	1,2-Dichloropropane	1030		62	5.5
108-87-2	Methylcyclohexane	1180		62	5.0
127-18-4	Tetrachloroethene	1150		62	12
1330-20-7	Xylenes, Total	3100		190	27
96-12-8	1,2-Dibromo-3-Chloropropane	769		62	9.6
79-34-5	1,1,2,2-Tetrachloroethane	860		62	5.4
79-00-5	1,1,2-Trichloroethane	954		62	6.1
124-48-1	Dibromochloromethane	971		62	6.3
106-93-4	1,2-Dibromoethane	919		62	5.7
75-71-8	Dichlorodifluoromethane	1390		62	18
74-97-5	Bromochloromethane	1200		62	11
75-27-4	Bromodichloromethane	1080		62	5.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	70		57-135
2037-26-5	Toluene-d8 (Surr)	80		46-130
460-00-4	Bromofluorobenzene	106		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24279-D-2-A MS

Matrix: Solid | Lab File ID: j98788.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:40

Sample wt/vol: 5.6(g) | Date Analyzed: 03/31/2011 14:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	935		100	21
74-83-9	Bromomethane	769		100	32
75-01-4	Vinyl chloride	888		100	12
75-00-3	Chloroethane	787		100	45
75-09-2	Methylene Chloride	905		100	19
67-64-1	Acetone	1200		1000	250
75-15-0	Carbon disulfide	769		100	15
75-69-4	Trichlorofluoromethane	705		100	16
75-35-4	1,1-Dichloroethene	773		100	14
75-34-3	1,1-Dichloroethane	990		100	10
156-60-5	trans-1,2-Dichloroethene	885		100	14
156-59-2	cis-1,2-Dichloroethene	964		100	20
67-66-3	Chloroform	966		100	16
78-93-3	2-Butanone	884	J	1000	83
107-06-2	1,2-Dichloroethane	1040		100	25
71-55-6	1,1,1-Trichloroethane	849		100	25
56-23-5	Carbon tetrachloride	734		100	18
71-43-2	Benzene	866		100	12
75-25-2	Bromoform	794		100	10
100-42-5	Styrene	857		100	14
100-41-4	Ethylbenzene	1140		100	25
108-90-7	Chlorobenzene	919		100	17
110-82-7	Cyclohexane	839		100	13
98-82-8	Isopropylbenzene	1260		100	21
591-78-6	2-Hexanone	752	J	1000	55
1634-04-4	MTBE	963		100	19
76-13-1	Freon TF	775		100	29
79-20-9	Methyl acetate	901		200	33
123-91-1	1,4-Dioxane	5510		5100	860
79-01-6	Trichloroethene	949		100	18
108-88-3	Toluene	862		100	9.6
10061-02-6	trans-1,3-Dichloropropene	834		100	12
108-10-1	4-Methyl-2-pentanone	837	J	1000	69
10061-01-5	cis-1,3-Dichloropropene	867		100	10
95-50-1	1,2-Dichlorobenzene	1080		100	16
541-73-1	1,3-Dichlorobenzene	981		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24279-D-2-A MS

Matrix: Solid | Lab File ID: j98788.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:40

Sample wt/vol: 5.6(g) | Date Analyzed: 03/31/2011 14:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1010		100	15
120-82-1	1,2,4-Trichlorobenzene	2040		100	44
87-61-6	1,2,3-Trichlorobenzene	645		100	84
78-87-5	1,2-Dichloropropane	1000		100	8.8
108-87-2	Methylcyclohexane	1120		100	8.1
127-18-4	Tetrachloroethene	790		100	20
1330-20-7	Xylenes, Total	3180		300	44
96-12-8	1,2-Dibromo-3-Chloropropane	1390		100	16
79-34-5	1,1,2,2-Tetrachloroethane	2180		100	8.7
79-00-5	1,1,2-Trichloroethane	995		100	9.8
124-48-1	Dibromochloromethane	830		100	10
106-93-4	1,2-Dibromoethane	832		100	9.2
75-71-8	Dichlorodifluoromethane	537		100	29
74-97-5	Bromochloromethane	915		100	17
75-27-4	Bromodichloromethane	960		100	9.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		57-135
2037-26-5	Toluene-d8 (Surr)	67		46-130
460-00-4	Bromofluorobenzene	96		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24232-C-2-A MS

Matrix: Solid | Lab File ID: j98576.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:05

Sample wt/vol: 4.9(g) | Date Analyzed: 03/23/2011 13:15

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 200

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 15.2 | Level: (low/med) Medium

Analysis Batch No.: 68208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	903		240	51
74-83-9	Bromomethane	1120		240	75
75-01-4	Vinyl chloride	942		240	29
75-00-3	Chloroethane	1130		240	110
75-09-2	Methylene Chloride	1150		240	46
67-64-1	Acetone	1380	J	2400	600
75-15-0	Carbon disulfide	1060		240	35
75-69-4	Trichlorofluoromethane	900		240	38
75-35-4	1,1-Dichloroethene	2220		240	34
75-34-3	1,1-Dichloroethane	1770		240	24
156-60-5	trans-1,2-Dichloroethene	1170		240	33
156-59-2	cis-1,2-Dichloroethene	1430		240	47
67-66-3	Chloroform	1370		240	37
78-93-3	2-Butanone	1220	J	2400	200
107-06-2	1,2-Dichloroethane	1420		240	59
71-55-6	1,1,1-Trichloroethane	28300		240	59
56-23-5	Carbon tetrachloride	1120		240	43
71-43-2	Benzene	1430		240	29
75-25-2	Bromoform	1040		240	24
100-42-5	Styrene	1130		240	33
100-41-4	Ethylbenzene	1280		240	59
108-90-7	Chlorobenzene	1140		240	40
110-82-7	Cyclohexane	1420		240	30
98-82-8	Isopropylbenzene	1240		240	51
591-78-6	2-Hexanone	1080	J	2400	130
1634-04-4	MTBE	1160		240	45
76-13-1	Freon TF	1290		240	69
79-20-9	Methyl acetate	1020		480	79
123-91-1	1,4-Dioxane	8010	J	12000	2000
79-01-6	Trichloroethene	67900		240	43
108-88-3	Toluene	1270		240	23
10061-02-6	trans-1,3-Dichloropropene	1070		240	29
108-10-1	4-Methyl-2-pentanone	1090	J	2400	160
10061-01-5	cis-1,3-Dichloropropene	1090		240	25
95-50-1	1,2-Dichlorobenzene	1240		240	39
541-73-1	1,3-Dichlorobenzene	1240		240	54

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24232-C-2-A MS

Matrix: Solid | Lab File ID: j98576.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:05

Sample wt/vol: 4.9(g) | Date Analyzed: 03/23/2011 13:15

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 200

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 15.2 | Level: (low/med) Medium

Analysis Batch No.: 68208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1220		240	36
120-82-1	1,2,4-Trichlorobenzene	1800		240	100
87-61-6	1,2,3-Trichlorobenzene	1590		240	200
78-87-5	1,2-Dichloropropane	1240		240	21
108-87-2	Methylcyclohexane	1360		240	19
127-18-4	Tetrachloroethene	1220		240	47
1330-20-7	Xylenes, Total	3520		720	100
96-12-8	1,2-Dibromo-3-Chloropropane	1200		240	37
79-34-5	1,1,2,2-Tetrachloroethane	1270		240	21
79-00-5	1,1,2-Trichloroethane	1160		240	23
124-48-1	Dibromochloromethane	1060		240	24
106-93-4	1,2-Dibromoethane	1050		240	22
75-71-8	Dichlorodifluoromethane	679		240	68
74-97-5	Bromochloromethane	1200		240	42
75-27-4	Bromodichloromethane	1240		240	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		57-135
2037-26-5	Toluene-d8 (Surr)	70		46-130
460-00-4	Bromofluorobenzene	91		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24288-A-1-A MS

Matrix: Solid Lab File ID: j98621.d

Analysis Method: 8260B Date Collected: 03/18/2011 07:30

Sample wt/vol: 5.24(g) Date Analyzed: 03/24/2011 12:11

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 16.8 Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2280		110	24
74-83-9	Bromomethane	2040		110	36
75-01-4	Vinyl chloride	2320		110	14
75-00-3	Chloroethane	1810		110	51
75-09-2	Methylene Chloride	1940		110	22
67-64-1	Acetone	2260		1100	280
75-15-0	Carbon disulfide	1830		110	17
75-69-4	Trichlorofluoromethane	2030		110	18
75-35-4	1,1-Dichloroethene	1850		110	16
75-34-3	1,1-Dichloroethane	2130		110	11
156-60-5	trans-1,2-Dichloroethene	1980		110	16
156-59-2	cis-1,2-Dichloroethene	2060		110	22
67-66-3	Chloroform	2110		110	18
78-93-3	2-Butanone	1860		1100	94
107-06-2	1,2-Dichloroethane	2260		110	28
71-55-6	1,1,1-Trichloroethane	2190		110	28
56-23-5	Carbon tetrachloride	2010		110	21
71-43-2	Benzene	2130		110	14
75-25-2	Bromoform	1870		110	11
100-42-5	Styrene	2120		110	16
100-41-4	Ethylbenzene	2410		110	28
108-90-7	Chlorobenzene	2210		110	19
110-82-7	Cyclohexane	2230		110	14
98-82-8	Isopropylbenzene	2610		110	24
591-78-6	2-Hexanone	1580		1100	63
1634-04-4	MTBE	1970		110	21
76-13-1	Freon TF	2370		110	33
79-20-9	Methyl acetate	1660		230	38
123-91-1	1,4-Dioxane	10600		5700	970
79-01-6	Trichloroethene	2130		110	20
108-88-3	Toluene	2150		110	11
10061-02-6	trans-1,3-Dichloropropene	2070		110	14
108-10-1	4-Methyl-2-pentanone	1850		1100	78
10061-01-5	cis-1,3-Dichloropropene	2060		110	12
95-50-1	1,2-Dichlorobenzene	2120		110	19
541-73-1	1,3-Dichlorobenzene	2220		110	26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24288-A-1-A MS

Matrix: Solid | Lab File ID: j98621.d

Analysis Method: 8260B | Date Collected: 03/18/2011 07:30

Sample wt/vol: 5.24(g) | Date Analyzed: 03/24/2011 12:11

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 16.8 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2230		110	17
120-82-1	1,2,4-Trichlorobenzene	1730		110	50
87-61-6	1,2,3-Trichlorobenzene	1050		110	95
78-87-5	1,2-Dichloropropane	2230		110	10
108-87-2	Methylcyclohexane	2690		110	9.2
127-18-4	Tetrachloroethene	2260		110	22
1330-20-7	Xylenes, Total	6650		340	50
96-12-8	1,2-Dibromo-3-Chloropropane	1540		110	18
79-34-5	1,1,2,2-Tetrachloroethane	2510		110	9.9
79-00-5	1,1,2-Trichloroethane	2120		110	11
124-48-1	Dibromochloromethane	2010		110	12
106-93-4	1,2-Dibromoethane	1890		110	10
75-71-8	Dichlorodifluoromethane	2150		110	33
74-97-5	Bromochloromethane	2080		110	20
75-27-4	Bromodichloromethane	2100		110	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		57-135
2037-26-5	Toluene-d8 (Surr)	92		46-130
460-00-4	Bromofluorobenzene	104		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) MSD | Lab Sample ID: 460-24277-31 MSD

Matrix: Solid | Lab File ID: j98670.d

Analysis Method: 8260B | Date Collected: 03/18/2011 13:00

Sample wt/vol: 11.49(g) | Date Analyzed: 03/25/2011 16:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.6 | Level: (low/med) Medium

Analysis Batch No.: 68512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	531		25	5.4
74-83-9	Bromomethane	442		25	8.0
75-01-4	Vinyl chloride	520		25	3.1
75-00-3	Chloroethane	406		25	11
75-09-2	Methylene Chloride	442		25	4.9
67-64-1	Acetone	2580		250	63
75-15-0	Carbon disulfide	381		25	3.7
75-69-4	Trichlorofluoromethane	440		25	4.0
75-35-4	1,1-Dichloroethene	378		25	3.6
75-34-3	1,1-Dichloroethane	496		25	2.5
156-60-5	trans-1,2-Dichloroethene	444		25	3.5
156-59-2	cis-1,2-Dichloroethene	493		25	4.9
67-66-3	Chloroform	484		25	4.0
78-93-3	2-Butanone	941		250	21
107-06-2	1,2-Dichloroethane	504		25	6.3
71-55-6	1,1,1-Trichloroethane	441		25	6.3
56-23-5	Carbon tetrachloride	361		25	4.6
71-43-2	Benzene	505		25	3.0
75-25-2	Bromoform	413		25	2.5
100-42-5	Styrene	426		25	3.5
100-41-4	Ethylbenzene	568		25	6.3
108-90-7	Chlorobenzene	457		25	4.2
110-82-7	Cyclohexane	484		25	3.2
98-82-8	Isopropylbenzene	538		25	5.4
591-78-6	2-Hexanone	424		250	14
1634-04-4	MTBE	457		25	4.7
76-13-1	Freon TF	366		25	7.3
79-20-9	Methyl acetate	449		51	8.4
123-91-1	1,4-Dioxane	3400		1300	220
79-01-6	Trichloroethene	452		25	4.5
108-88-3	Toluene	451		25	2.4
10061-02-6	trans-1,3-Dichloropropene	443		25	3.1
108-10-1	4-Methyl-2-pentanone	501		250	17
10061-01-5	cis-1,3-Dichloropropene	456		25	2.6
95-50-1	1,2-Dichlorobenzene	441		25	4.2
541-73-1	1,3-Dichlorobenzene	489		25	5.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) MSD | Lab Sample ID: 460-24277-31 MSD

Matrix: Solid | Lab File ID: j98670.d

Analysis Method: 8260B | Date Collected: 03/18/2011 13:00

Sample wt/vol: 11.49(g) | Date Analyzed: 03/25/2011 16:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 14.6 | Level: (low/med) Medium

Analysis Batch No.: 68512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	685		25	3.8
120-82-1	1,2,4-Trichlorobenzene	187		25	11
87-61-6	1,2,3-Trichlorobenzene	96.4		25	21
78-87-5	1,2-Dichloropropane	493		25	2.2
108-87-2	Methylcyclohexane	661		25	2.0
127-18-4	Tetrachloroethene	397		25	5.0
1330-20-7	Xylenes, Total	1890		76	11
96-12-8	1,2-Dibromo-3-Chloropropane	476		25	3.9
79-34-5	1,1,2,2-Tetrachloroethane	774		25	2.2
79-00-5	1,1,2-Trichloroethane	493		25	2.5
124-48-1	Dibromochloromethane	441		25	2.6
106-93-4	1,2-Dibromoethane	445		25	2.3
75-71-8	Dichlorodifluoromethane	481		25	7.2
74-97-5	Bromochloromethane	483		25	4.4
75-27-4	Bromodichloromethane	486		25	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		57-135
2037-26-5	Toluene-d8 (Surr)	73		46-130
460-00-4	Bromofluorobenzene	90		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24265-D-6-A MSD

Matrix: Solid | Lab File ID: p45585.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:30

Sample wt/vol: 4.68(g) | Date Analyzed: 03/30/2011 15:06

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1160		62	13
74-83-9	Bromomethane	1080		62	20
75-01-4	Vinyl chloride	1380		62	7.5
75-00-3	Chloroethane	1370		62	28
75-09-2	Methylene Chloride	1330		62	12
67-64-1	Acetone	1830		620	160
75-15-0	Carbon disulfide	1200		62	9.1
75-69-4	Trichlorofluoromethane	1390		62	9.8
75-35-4	1,1-Dichloroethene	1510		62	8.8
75-34-3	1,1-Dichloroethane	1260		62	6.2
156-60-5	trans-1,2-Dichloroethene	1400		62	8.6
156-59-2	cis-1,2-Dichloroethene	1270		62	12
67-66-3	Chloroform	1250		62	9.7
78-93-3	2-Butanone	823		620	51
107-06-2	1,2-Dichloroethane	1180		62	15
71-55-6	1,1,1-Trichloroethane	1340		62	15
56-23-5	Carbon tetrachloride	1350		62	11
71-43-2	Benzene	1310		62	7.4
75-25-2	Bromoform	1150		62	6.2
100-42-5	Styrene	1060		62	8.7
100-41-4	Ethylbenzene	1220		62	15
108-90-7	Chlorobenzene	1220		62	10
110-82-7	Cyclohexane	1260		62	7.7
98-82-8	Isopropylbenzene	1400		62	13
591-78-6	2-Hexanone	572	J	620	34
1634-04-4	MTBE	1060		62	12
76-13-1	Freon TF	1420		62	18
79-20-9	Methyl acetate	1080		120	21
123-91-1	1,4-Dioxane	3100	U	3100	530
79-01-6	Trichloroethene	1310		62	11
108-88-3	Toluene	1170		62	5.9
10061-02-6	trans-1,3-Dichloropropene	1050		62	7.6
108-10-1	4-Methyl-2-pentanone	783		620	43
10061-01-5	cis-1,3-Dichloropropene	1090		62	6.4
95-50-1	1,2-Dichlorobenzene	1250		62	10
541-73-1	1,3-Dichlorobenzene	1260		62	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24265-D-6-A MSD

Matrix: Solid | Lab File ID: p45585.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:30

Sample wt/vol: 4.68(g) | Date Analyzed: 03/30/2011 15:06

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1250		62	9.4
120-82-1	1,2,4-Trichlorobenzene	1280		62	27
87-61-6	1,2,3-Trichlorobenzene	1250		62	52
78-87-5	1,2-Dichloropropane	1150		62	5.5
108-87-2	Methylcyclohexane	1280		62	5.0
127-18-4	Tetrachloroethene	1270		62	12
1330-20-7	Xylenes, Total	3690		190	27
96-12-8	1,2-Dibromo-3-Chloropropane	934		62	9.6
79-34-5	1,1,2,2-Tetrachloroethane	968		62	5.4
79-00-5	1,1,2-Trichloroethane	1050		62	6.1
124-48-1	Dibromochloromethane	1130		62	6.3
106-93-4	1,2-Dibromoethane	1060		62	5.7
75-71-8	Dichlorodifluoromethane	1570		62	18
74-97-5	Bromochloromethane	1360		62	11
75-27-4	Bromodichloromethane	1230		62	5.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	70		57-135
2037-26-5	Toluene-d8 (Surr)	84		46-130
460-00-4	Bromofluorobenzene	111		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24279-D-2-A MSD

Matrix: Solid | Lab File ID: j98792.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:40

Sample wt/vol: 5.6(g) | Date Analyzed: 03/31/2011 17:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1300		100	21
74-83-9	Bromomethane	1030		100	32
75-01-4	Vinyl chloride	1310		100	12
75-00-3	Chloroethane	1090		100	45
75-09-2	Methylene Chloride	873		100	19
67-64-1	Acetone	1150		1000	250
75-15-0	Carbon disulfide	782		100	15
75-69-4	Trichlorofluoromethane	1160		100	16
75-35-4	1,1-Dichloroethene	861		100	14
75-34-3	1,1-Dichloroethane	978		100	10
156-60-5	trans-1,2-Dichloroethene	900		100	14
156-59-2	cis-1,2-Dichloroethene	967		100	20
67-66-3	Chloroform	960		100	16
78-93-3	2-Butanone	944	J	1000	83
107-06-2	1,2-Dichloroethane	1030		100	25
71-55-6	1,1,1-Trichloroethane	903		100	25
56-23-5	Carbon tetrachloride	827		100	18
71-43-2	Benzene	845		100	12
75-25-2	Bromoform	728		100	10
100-42-5	Styrene	856		100	14
100-41-4	Ethylbenzene	1200		100	25
108-90-7	Chlorobenzene	936		100	17
110-82-7	Cyclohexane	1050		100	13
98-82-8	Isopropylbenzene	1410		100	21
591-78-6	2-Hexanone	724	J	1000	55
1634-04-4	MTBE	891		100	19
76-13-1	Freon TF	524		100	29
79-20-9	Methyl acetate	715		200	33
123-91-1	1,4-Dioxane	6080		5100	860
79-01-6	Trichloroethene	972		100	18
108-88-3	Toluene	849		100	9.6
10061-02-6	trans-1,3-Dichloropropene	845		100	12
108-10-1	4-Methyl-2-pentanone	891	J	1000	69
10061-01-5	cis-1,3-Dichloropropene	854		100	10
95-50-1	1,2-Dichlorobenzene	1200		100	16
541-73-1	1,3-Dichlorobenzene	1190		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24279-D-2-A MSD

Matrix: Solid | Lab File ID: j98792.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:40

Sample wt/vol: 5.6(g) | Date Analyzed: 03/31/2011 17:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 69045 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1140		100	15
120-82-1	1,2,4-Trichlorobenzene	2180		100	44
87-61-6	1,2,3-Trichlorobenzene	748		100	84
78-87-5	1,2-Dichloropropane	997		100	8.8
108-87-2	Methylcyclohexane	1460		100	8.1
127-18-4	Tetrachloroethene	916		100	20
1330-20-7	Xylenes, Total	3390		300	44
96-12-8	1,2-Dibromo-3-Chloropropane	1480		100	16
79-34-5	1,1,2,2-Tetrachloroethane	2310		100	8.7
79-00-5	1,1,2-Trichloroethane	950		100	9.8
124-48-1	Dibromochloromethane	790		100	10
106-93-4	1,2-Dibromoethane	786		100	9.2
75-71-8	Dichlorodifluoromethane	1250		100	29
74-97-5	Bromochloromethane	969		100	17
75-27-4	Bromodichloromethane	970		100	9.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		57-135
2037-26-5	Toluene-d8 (Surr)	72		46-130
460-00-4	Bromofluorobenzene	113		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24232-C-2-A MSD

Matrix: Solid | Lab File ID: j98577.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:05

Sample wt/vol: 4.9(g) | Date Analyzed: 03/23/2011 13:47

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 200

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 15.2 | Level: (low/med) Medium

Analysis Batch No.: 68208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1080		240	51
74-83-9	Bromomethane	1350		240	75
75-01-4	Vinyl chloride	1040		240	29
75-00-3	Chloroethane	1260		240	110
75-09-2	Methylene Chloride	1350		240	46
67-64-1	Acetone	1810	J	2400	600
75-15-0	Carbon disulfide	1200		240	35
75-69-4	Trichlorofluoromethane	1090		240	38
75-35-4	1,1-Dichloroethene	2600		240	34
75-34-3	1,1-Dichloroethane	1950		240	24
156-60-5	trans-1,2-Dichloroethene	1330		240	33
156-59-2	cis-1,2-Dichloroethene	1640		240	47
67-66-3	Chloroform	1550		240	37
78-93-3	2-Butanone	1500	J	2400	200
107-06-2	1,2-Dichloroethane	1600		240	59
71-55-6	1,1,1-Trichloroethane	31900		240	59
56-23-5	Carbon tetrachloride	1280		240	43
71-43-2	Benzene	1600		240	29
75-25-2	Bromoform	1130		240	24
100-42-5	Styrene	1260		240	33
100-41-4	Ethylbenzene	1410		240	59
108-90-7	Chlorobenzene	1260		240	40
110-82-7	Cyclohexane	1630		240	30
98-82-8	Isopropylbenzene	1410		240	51
591-78-6	2-Hexanone	1160	J	2400	130
1634-04-4	MTBE	1360		240	45
76-13-1	Freon TF	1520		240	69
79-20-9	Methyl acetate	1180		480	79
123-91-1	1,4-Dioxane	6390	J	12000	2000
79-01-6	Trichloroethene	76800		240	43
108-88-3	Toluene	1470		240	23
10061-02-6	trans-1,3-Dichloropropene	1190		240	29
108-10-1	4-Methyl-2-pentanone	1220	J	2400	160
10061-01-5	cis-1,3-Dichloropropene	1270		240	25
95-50-1	1,2-Dichlorobenzene	1370		240	39
541-73-1	1,3-Dichlorobenzene	1410		240	54

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24232-C-2-A MSD

Matrix: Solid | Lab File ID: j98577.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:05

Sample wt/vol: 4.9(g) | Date Analyzed: 03/23/2011 13:47

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 200

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 15.2 | Level: (low/med) Medium

Analysis Batch No.: 68208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1390		240	36
120-82-1	1,2,4-Trichlorobenzene	1490		240	100
87-61-6	1,2,3-Trichlorobenzene	1680		240	200
78-87-5	1,2-Dichloropropane	1530		240	21
108-87-2	Methylcyclohexane	1580		240	19
127-18-4	Tetrachloroethene	1340		240	47
1330-20-7	Xylenes, Total	4030		720	100
96-12-8	1,2-Dibromo-3-Chloropropane	1300		240	37
79-34-5	1,1,2,2-Tetrachloroethane	1340		240	21
79-00-5	1,1,2-Trichloroethane	1300		240	23
124-48-1	Dibromochloromethane	1170		240	24
106-93-4	1,2-Dibromoethane	1220		240	22
75-71-8	Dichlorodifluoromethane	741		240	68
74-97-5	Bromochloromethane	1350		240	42
75-27-4	Bromodichloromethane	1400		240	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		57-135
2037-26-5	Toluene-d8 (Surr)	74		46-130
460-00-4	Bromofluorobenzene	99		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24288-A-1-A MSD

Matrix: Solid Lab File ID: j98622.d

Analysis Method: 8260B Date Collected: 03/18/2011 07:30

Sample wt/vol: 5.24(g) Date Analyzed: 03/24/2011 12:43

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 16.8 Level: (low/med) Medium

Analysis Batch No.: 68358 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2540		110	24
74-83-9	Bromomethane	1920		110	36
75-01-4	Vinyl chloride	2390		110	14
75-00-3	Chloroethane	1840		110	51
75-09-2	Methylene Chloride	2030		110	22
67-64-1	Acetone	2600		1100	280
75-15-0	Carbon disulfide	1910		110	17
75-69-4	Trichlorofluoromethane	1950		110	18
75-35-4	1,1-Dichloroethene	1920		110	16
75-34-3	1,1-Dichloroethane	2330		110	11
156-60-5	trans-1,2-Dichloroethene	2120		110	16
156-59-2	cis-1,2-Dichloroethene	2170		110	22
67-66-3	Chloroform	2260		110	18
78-93-3	2-Butanone	1930		1100	94
107-06-2	1,2-Dichloroethane	2390		110	28
71-55-6	1,1,1-Trichloroethane	2250		110	28
56-23-5	Carbon tetrachloride	1990		110	21
71-43-2	Benzene	2160		110	14
75-25-2	Bromoform	2010		110	11
100-42-5	Styrene	2220		110	16
100-41-4	Ethylbenzene	2350		110	28
108-90-7	Chlorobenzene	2210		110	19
110-82-7	Cyclohexane	2210		110	14
98-82-8	Isopropylbenzene	2570		110	24
591-78-6	2-Hexanone	1720		1100	63
1634-04-4	MTBE	2160		110	21
76-13-1	Freon TF	2300		110	33
79-20-9	Methyl acetate	1820		230	38
123-91-1	1,4-Dioxane	14600		5700	970
79-01-6	Trichloroethene	2250		110	20
108-88-3	Toluene	2230		110	11
10061-02-6	trans-1,3-Dichloropropene	2110		110	14
108-10-1	4-Methyl-2-pentanone	1940		1100	78
10061-01-5	cis-1,3-Dichloropropene	2160		110	12
95-50-1	1,2-Dichlorobenzene	2260		110	19
541-73-1	1,3-Dichlorobenzene	2410		110	26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24288-A-1-A MSD

Matrix: Solid | Lab File ID: j98622.d

Analysis Method: 8260B | Date Collected: 03/18/2011 07:30

Sample wt/vol: 5.24(g) | Date Analyzed: 03/24/2011 12:43

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: 16.8 | Level: (low/med) Medium

Analysis Batch No.: 68358 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2280		110	17
120-82-1	1,2,4-Trichlorobenzene	2150		110	50
87-61-6	1,2,3-Trichlorobenzene	2320		110	95
78-87-5	1,2-Dichloropropane	2370		110	10
108-87-2	Methylcyclohexane	2590		110	9.2
127-18-4	Tetrachloroethene	2240		110	22
1330-20-7	Xylenes, Total	6670		340	50
96-12-8	1,2-Dibromo-3-Chloropropane	1700		110	18
79-34-5	1,1,2,2-Tetrachloroethane	3080		110	9.9
79-00-5	1,1,2-Trichloroethane	2250		110	11
124-48-1	Dibromochloromethane	2080		110	12
106-93-4	1,2-Dibromoethane	2070		110	10
75-71-8	Dichlorodifluoromethane	2060		110	33
74-97-5	Bromochloromethane	2190		110	20
75-27-4	Bromodichloromethane	2270		110	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		57-135
2037-26-5	Toluene-d8 (Surr)	92		46-130
460-00-4	Bromofluorobenzene	106		50-124

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 02/14/2011 17:09

Analysis Batch Number: 64630 End Date: 02/15/2011 03:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-64630/1		02/14/2011 17:09	1	o45212.d	DB-624 0.18(mm)
ICIS 460-64630/2		02/14/2011 18:17	1	o45214.d	DB-624 0.18(mm)
IC 460-64630/3		02/14/2011 23:21	1	o45218.d	DB-624 0.18(mm)
IC 460-64630/4		02/14/2011 23:46	1	o45219.d	DB-624 0.18(mm)
IC 460-64630/5		02/15/2011 00:11	1	o45220.d	DB-624 0.18(mm)
IC 460-64630/6		02/15/2011 02:40	1	o45226.d	DB-624 0.18(mm)
IC 460-64630/7		02/15/2011 03:30	1	o45228.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 03/25/2011 18:28

Analysis Batch Number: 68548 End Date: 03/26/2011 05:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-68548/1		03/25/2011 18:28	1	o46641.d	DB-624 0.18(mm)
CCVIS 460-68548/2		03/25/2011 19:17	1	o46643.d	DB-624 0.18(mm)
LCS 460-68548/3		03/25/2011 20:32	1	o46645.d	DB-624 0.18(mm)
LCSD 460-68548/4		03/25/2011 21:13	1	o46646.d	DB-624 0.18(mm)
MB 460-68548/5		03/25/2011 22:21	1	o46648.d	DB-624 0.18(mm)
ZZZZZ		03/25/2011 23:06	1		DB-624 0.18(mm)
ZZZZZ		03/25/2011 23:31	1		DB-624 0.18(mm)
ZZZZZ		03/25/2011 23:56	1		DB-624 0.18(mm)
ZZZZZ		03/26/2011 00:21	1		DB-624 0.18(mm)
ZZZZZ		03/26/2011 00:46	1		DB-624 0.18(mm)
ZZZZZ		03/26/2011 01:10	1		DB-624 0.18(mm)
ZZZZZ		03/26/2011 01:35	1		DB-624 0.18(mm)
ZZZZZ		03/26/2011 02:00	1		DB-624 0.18(mm)
ZZZZZ		03/26/2011 02:25	1		DB-624 0.18(mm)
ZZZZZ		03/26/2011 02:50	1		DB-624 0.18(mm)
ZZZZZ		03/26/2011 03:14	1		DB-624 0.18(mm)
ZZZZZ		03/26/2011 03:39	1		DB-624 0.18(mm)
460-24277-3	PMP-9-SIE (10.5-11)	03/26/2011 04:04	1	o46661.d	DB-624 0.18(mm)
460-24277-11	PMP-13-VD-E (3.5-4)	03/26/2011 05:18	1	o46664.d	DB-624 0.18(mm)
460-24277-13	PMP-13-SI-E (15.5-16)	03/26/2011 05:43	1	o46665.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 03/28/2011 03:44

Analysis Batch Number: 68639 End Date: 03/28/2011 15:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-68639/1		03/28/2011 03:44	1	o46667.d	DB-624 0.18(mm)
CCVIS 460-68639/2		03/28/2011 04:23	1	o46668.d	DB-624 0.18(mm)
LCS 460-68639/3		03/28/2011 04:47	1	o46669.d	DB-624 0.18(mm)
LCSD 460-68639/4		03/28/2011 05:12	1	o46670.d	DB-624 0.18(mm)
MB 460-68639/5		03/28/2011 06:16	1	o46672.d	DB-624 0.18(mm)
460-24277-18	PMP-15VD-E (3.5-4)	03/28/2011 07:31	1	o46675.d	DB-624 0.18(mm)
460-24277-20	PMP-15-SI-E (15.5-16)	03/28/2011 07:56	1	o46676.d	DB-624 0.18(mm)
460-24277-21	PMP-15-SD-E (23.5-24.0)	03/28/2011 08:21	1	o46677.d	DB-624 0.18(mm)
460-24277-22	PMP-28-VD-E (3-5)	03/28/2011 08:45	1	o46678.d	DB-624 0.18(mm)
ZZZZZ		03/28/2011 09:41	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 10:31	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 10:56	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 11:20	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 11:45	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 12:35	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 14:15	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 15:13	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 03/28/2011 16:44

Analysis Batch Number: 68728 End Date: 03/29/2011 03:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-68728/1		03/28/2011 16:44	1	o46695.d	DB-624 0.18(mm)
CCVIS 460-68728/2		03/28/2011 17:31	1	o46697.d	DB-624 0.18(mm)
LCS 460-68728/3		03/28/2011 18:34	1	o46699.d	DB-624 0.18(mm)
LCSD 460-68728/4		03/28/2011 18:59	1	o46700.d	DB-624 0.18(mm)
MB 460-68728/5		03/28/2011 20:07	1	o46702.d	DB-624 0.18(mm)
460-24277-15	PMP-16-VD-E (3.5-4.0)	03/28/2011 20:44	1	o46703.d	DB-624 0.18(mm)
ZZZZZ		03/28/2011 21:34	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 21:59	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 22:24	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 22:49	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 23:14	1		DB-624 0.18(mm)
ZZZZZ		03/28/2011 23:38	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 00:03	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 00:28	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 00:53	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 01:18	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 01:43	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 02:33	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 02:57	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 03:22	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 03:47	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 03/29/2011 04:14

Analysis Batch Number: 68801 End Date: 03/29/2011 16:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-68801/1		03/29/2011 04:14	1	o46721.d	DB-624 0.18(mm)
CCVIS 460-68801/2		03/29/2011 04:51	1	o46722.d	DB-624 0.18(mm)
LCS 460-68801/3		03/29/2011 05:16	1	o46723.d	DB-624 0.18(mm)
LCSD 460-68801/4		03/29/2011 06:18	1	o46724.d	DB-624 0.18(mm)
ZZZZZ		03/29/2011 07:23	1		DB-624 0.18(mm)
MB 460-68801/5		03/29/2011 07:48	1	o46727.d	DB-624 0.18(mm)
460-24277-7	PMP-10-VD-E (3.5-4.0)	03/29/2011 08:12	1	o46728.d	DB-624 0.18(mm)
460-24277-10	PMP-10-ST2-E (23.5-24)	03/29/2011 08:37	1	o46729.d	DB-624 0.18(mm)
460-24277-9	PMP-10-ST1-E (15-15.5)	03/29/2011 09:02	1	o46730.d	DB-624 0.18(mm)
460-24277-25	PMP-28-SI2-E (15-17)	03/29/2011 09:52	1	o46732.d	DB-624 0.18(mm)
460-24277-28	PMP-17-SI-E (10.5-11.0)	03/29/2011 10:42	1	o46734.d	DB-624 0.18(mm)
460-24277-29	PMP-18-VD-E (3.5-4)	03/29/2011 11:06	1	o46735.d	DB-624 0.18(mm)
460-24277-30	PMP-18-WT-E (8-8.5)	03/29/2011 11:31	1	o46736.d	DB-624 0.18(mm)
ZZZZZ		03/29/2011 12:21	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 12:46	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 13:11	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 13:36	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 14:00	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 14:25	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 14:50	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 15:15	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 15:40	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 16:04	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 03/03/2011 00:44

Analysis Batch Number: 66327 End Date: 03/03/2011 04:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-66327/1		03/03/2011 00:44	1	p44656.d	DB-624 0.18(mm)
IC 460-66327/2		03/03/2011 02:00	1	p44659.d	DB-624 0.18(mm)
IC 460-66327/3		03/03/2011 02:53	1	p44661.d	DB-624 0.18(mm)
ICIS 460-66327/4		03/03/2011 03:19	1	p44662.d	DB-624 0.18(mm)
IC 460-66327/5		03/03/2011 03:45	1	p44663.d	DB-624 0.18(mm)
IC 460-66327/6		03/03/2011 04:11	1	p44664.d	DB-624 0.18(mm)
IC 460-66327/7		03/03/2011 04:37	1	p44665.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 03/30/2011 09:28

Analysis Batch Number: 68934 End Date: 03/30/2011 20:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-68934/1		03/30/2011 09:28	1	p45572.d	DB-624 0.18(mm)
CCVIS 460-68934/2		03/30/2011 10:13	1	p45574.d	DB-624 0.18(mm)
LCS 460-68934/3		03/30/2011 10:38	50	p45575.d	DB-624 0.18(mm)
MB 460-68934/4		03/30/2011 12:07	50	p45578.d	DB-624 0.18(mm)
ZZZZZ		03/30/2011 12:35	50		DB-624 0.18(mm)
460-24277-14	PMP-13-SD-E (23.5-24)	03/30/2011 13:00	50	p45580.d	DB-624 0.18(mm)
ZZZZZ		03/30/2011 13:25	50		DB-624 0.18(mm)
ZZZZZ		03/30/2011 13:50	50		DB-624 0.18(mm)
460-24265-D-6-A MS		03/30/2011 14:41	50	p45584.d	DB-624 0.18(mm)
460-24265-D-6-A MSD		03/30/2011 15:06	50	p45585.d	DB-624 0.18(mm)
ZZZZZ		03/30/2011 15:56	50		DB-624 0.18(mm)
ZZZZZ		03/30/2011 17:11	50		DB-624 0.18(mm)
ZZZZZ		03/30/2011 17:36	50		DB-624 0.18(mm)
ZZZZZ		03/30/2011 18:02	100		DB-624 0.18(mm)
ZZZZZ		03/30/2011 20:32	50		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: VOAMS8 Start Date: 02/08/2011 06:28

Analysis Batch Number: 63928 End Date: 02/08/2011 18:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-63928/1		02/08/2011 06:28	1	j97499.d	DB-624 0.53(mm)
ICIS 460-63928/2		02/08/2011 06:54	1	j97500.d	DB-624 0.53(mm)
IC 460-63928/3		02/08/2011 07:19	1	j97501.d	DB-624 0.53(mm)
IC 460-63928/4		02/08/2011 07:45	1	j97502.d	DB-624 0.53(mm)
IC 460-63928/5		02/08/2011 08:11	1	j97503.d	DB-624 0.53(mm)
IC 460-63928/6		02/08/2011 10:24	1	j97508.d	DB-624 0.53(mm)
IC 460-63928/7		02/08/2011 11:41	1	j97511.d	DB-624 0.53(mm)
ZZZZZ		02/08/2011 12:27	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 12:53	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 13:44	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 14:16	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 14:42	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 15:08	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 15:34	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 15:59	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 16:25	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 16:51	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 17:16	50		DB-624 0.53(mm)
ZZZZZ		02/08/2011 17:42	100		DB-624 0.53(mm)
ZZZZZ		02/08/2011 18:08	100		DB-624 0.53(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: VOAMS8 Start Date: 03/23/2011 07:06

Analysis Batch Number: 68208 End Date: 03/23/2011 19:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-68208/1		03/23/2011 07:06	1	j98564.d	DB-624 0.53(mm)
CCVIS 460-68208/2		03/23/2011 07:57	1	j98566.d	DB-624 0.53(mm)
LCS 460-68208/3		03/23/2011 08:30	50	j98567.d	DB-624 0.53(mm)
MB 460-68208/4		03/23/2011 09:37	50	j98569.d	DB-624 0.53(mm)
ZZZZZ		03/23/2011 10:15	50		DB-624 0.53(mm)
ZZZZZ		03/23/2011 10:40	200		DB-624 0.53(mm)
ZZZZZ		03/23/2011 11:37	50		DB-624 0.53(mm)
460-24232-C-2-A MS		03/23/2011 13:15	200	j98576.d	DB-624 0.53(mm)
460-24232-C-2-A MSD		03/23/2011 13:47	200	j98577.d	DB-624 0.53(mm)
ZZZZZ		03/23/2011 14:52	50		DB-624 0.53(mm)
ZZZZZ		03/23/2011 15:25	50		DB-624 0.53(mm)
ZZZZZ		03/23/2011 15:58	50		DB-624 0.53(mm)
ZZZZZ		03/23/2011 16:30	50		DB-624 0.53(mm)
ZZZZZ		03/23/2011 16:58	100		DB-624 0.53(mm)
ZZZZZ		03/23/2011 17:27	50		DB-624 0.53(mm)
460-24277-1	PMP-9-VD-E (3.5-4.0)	03/23/2011 17:59	50	j98585.d	DB-624 0.53(mm)
460-24277-2	PMP-9-WT-E (8-8.5)	03/23/2011 18:32	50	j98586.d	DB-624 0.53(mm)
ZZZZZ		03/23/2011 19:04	50		DB-624 0.53(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: VOAMS8 Start Date: 03/24/2011 08:56

Analysis Batch Number: 68358 End Date: 03/24/2011 20:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-68358/1		03/24/2011 08:56	1	j98615.d	DB-624 0.53(mm)
CCVIS 460-68358/2		03/24/2011 09:16	1	j98616.d	DB-624 0.53(mm)
LCS 460-68358/3		03/24/2011 09:50	50	j98617.d	DB-624 0.53(mm)
MB 460-68358/4		03/24/2011 10:56	50	j98619.d	DB-624 0.53(mm)
ZZZZZ		03/24/2011 11:38	50		DB-624 0.53(mm)
460-24288-A-1-A MS		03/24/2011 12:11	50	j98621.d	DB-624 0.53(mm)
460-24288-A-1-A MSD		03/24/2011 12:43	50	j98622.d	DB-624 0.53(mm)
ZZZZZ		03/24/2011 14:21	50		DB-624 0.53(mm)
460-24277-4	DUP-031711 (3.5-4)	03/24/2011 15:26	50	j98627.d	DB-624 0.53(mm)
460-24277-8	PMP-10-WT-E (7.5-8.0)	03/24/2011 15:58	50	j98628.d	DB-624 0.53(mm)
460-24277-5	DUP-031711 (8-8.5)	03/24/2011 16:31	50	j98629.d	DB-624 0.53(mm)
460-24277-6	DUP-031711 (10.5-11)	03/24/2011 17:03	50	j98630.d	DB-624 0.53(mm)
ZZZZZ		03/24/2011 17:36	50		DB-624 0.53(mm)
460-24277-12	PMP-13-WT-E (7.5-8.0)	03/24/2011 18:08	50	j98632.d	DB-624 0.53(mm)
460-24277-16	PMP-16-WT-E (8.0-8.5)	03/24/2011 18:40	50	j98633.d	DB-624 0.53(mm)
460-24277-17	PMP-16-SI-E (10.5-11.0)	03/24/2011 19:13	50	j98634.d	DB-624 0.53(mm)
460-24277-19	PMP-15-WT-E (7.5-8)	03/24/2011 19:45	50	j98635.d	DB-624 0.53(mm)
460-24277-23	PMP-28-WT-E (8-8.5)	03/24/2011 20:50	50	j98637.d	DB-624 0.53(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: VOAMS8 Start Date: 03/25/2011 09:26

Analysis Batch Number: 68512 End Date: 03/25/2011 20:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-68512/1		03/25/2011 09:26	1	j98658.d	DB-624 0.53(mm)
CCVIS 460-68512/2		03/25/2011 09:49	1	j98659.d	DB-624 0.53(mm)
LCS 460-68512/3		03/25/2011 11:41	50	j98661.d	DB-624 0.53(mm)
MB 460-68512/4		03/25/2011 12:48	50	j98663.d	DB-624 0.53(mm)
460-24277-26	PMP-17-VD-E (3.5-4)	03/25/2011 13:23	50	j98664.d	DB-624 0.53(mm)
460-24277-31	PMP-18-SI-E (10.5-11)	03/25/2011 15:33	50	j98668.d	DB-624 0.53(mm)
460-24277-31 MS	PMP-18-SI-E (10.5-11) MS	03/25/2011 16:05	50	j98669.d	DB-624 0.53(mm)
460-24277-31 MSD	PMP-18-SI-E (10.5-11) MSD	03/25/2011 16:38	50	j98670.d	DB-624 0.53(mm)
460-24277-24	PMP-28-SI1-E (11-13)	03/25/2011 20:24	50	j98677.d	DB-624 0.53(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: VOAMS8 Start Date: 03/31/2011 07:56

Analysis Batch Number: 69045 End Date: 03/31/2011 17:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-69045/1		03/31/2011 07:56	1	j98776.d	DB-624 0.53(mm)
CCVIS 460-69045/2		03/31/2011 08:19	1	j98777.d	DB-624 0.53(mm)
LCS 460-69045/3		03/31/2011 10:07	50	j98779.d	DB-624 0.53(mm)
MB 460-69045/4		03/31/2011 11:44	50	j98782.d	DB-624 0.53(mm)
460-24277-27	PMP-17-WT-E (8-8.5)	03/31/2011 12:16	50	j98783.d	DB-624 0.53(mm)
ZZZZZ		03/31/2011 12:48	50		DB-624 0.53(mm)
ZZZZZ		03/31/2011 13:21	50		DB-624 0.53(mm)
ZZZZZ		03/31/2011 13:53	50		DB-624 0.53(mm)
ZZZZZ		03/31/2011 14:25	50		DB-624 0.53(mm)
460-24279-D-2-A MS		03/31/2011 14:58	100	j98788.d	DB-624 0.53(mm)
ZZZZZ		03/31/2011 15:31	100		DB-624 0.53(mm)
460-24279-D-2-A MSD		03/31/2011 17:08	100	j98792.d	DB-624 0.53(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 67903 Batch Start Date: 03/19/11 15:46 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 03/19/11 16:07

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VM8PrepSU 00021	
460-24277-B-1	PMP-9-VD-E (3.5-4.0)	5035, 8260B	T	32.86 g	38.22 g	5.36 g	5 mL	5 mL	
460-24277-B-2	PMP-9-WT-E (8-8.5)	5035, 8260B	T	33.21 g	38.61 g	5.4 g	5 mL	5 mL	
460-24277-B-4	DUP-031711 (3.5-4)	5035, 8260B	T	32.60 g	38.92 g	6.32 g	5 mL	5 mL	
460-24277-B-5	DUP-031711 (8-8.5)	5035, 8260B	T	33.67 g	39.54 g	5.87 g	5 mL	5 mL	
460-24277-B-6	DUP-031711 (10.5-11)	5035, 8260B	T	33.09 g	44.24 g	11.15 g	5 mL	5 mL	
460-24277-B-8	PMP-10-WT-E (7.5-8.0)	5035, 8260B	T	33.66 g	40.12 g	6.46 g	5 mL	5 mL	
460-24277-D-12	PMP-13-WT-E (7.5-8.0)	5035, 8260B	T	33.06 g	39.09 g	6.03 g	5 mL	5 mL	
460-24277-B-14	PMP-13-SD-E (23.5-24)	5035, 8260B	T	33.00 g	43.48 g	10.48 g	5 mL	5 mL	
460-24277-B-16	PMP-16-WT-E (8.0-8.5)	5035, 8260B	T	33.38 g	39.40 g	6.02 g	5 mL	5 mL	
460-24277-B-17	PMP-16-SI-E (10.5-11.0)	5035, 8260B	T	33.52 g	44.53 g	11.01 g	5 mL	5 mL	
460-24277-B-19	PMP-15-WT-E (7.5-8)	5035, 8260B	T	33.22 g	39.25 g	6.03 g	5 mL	5 mL	
460-24277-B-23	PMP-28-WT-E (8-8.5)	5035, 8260B	T	32.97 g	38.53 g	5.56 g	5 mL	5 mL	
460-24277-B-24	PMP-28-SI1-E (11-13)	5035, 8260B	T	33.65 g	38.98 g	5.33 g	5 mL	5 mL	
460-24277-B-26	PMP-17-VD-E (3.5-4)	5035, 8260B	T	33.25 g	37.74 g	4.49 g	5 mL	5 mL	
460-24277-B-27	PMP-17-WT-E (8-8.5)	5035, 8260B	T	33.32 g	38.85 g	5.53 g	5 mL	5 mL	
460-24277-B-31	PMP-18-SI-E (10.5-11)	5035, 8260B	T	33.41 g	44.90 g	11.49 g	5 mL	5 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 67904 Batch Start Date: 03/19/11 16:55 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 03/19/11 17:18

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
460-24277-D-3	PMP-9-SIE (10.5-11)	5035, 8260B	T	35.31 g	44.94 g	9.63 g	5 mL		
460-24277-E-7	PMP-10-VD-E (3.5-4.0)	5035, 8260B	T	34.90 g	39.20 g	4.3 g	5 mL		
460-24277-B-9	PMP-10-ST1-E (15-15.5)	5035, 8260B	T	35.08 g	41.70 g	6.62 g	5 mL		
460-24277-D-10	PMP-10-ST2-E (23.5-24)	5035, 8260B	T	34.81 g	40.56 g	5.75 g	5 mL		
460-24277-B-11	PMP-13-VD-E (3.5-4)	5035, 8260B	T	35.11 g	40.94 g	5.83 g	5 mL		
460-24277-D-13	PMP-13-SI-E (15.5-16)	5035, 8260B	T	35.20 g	42.41 g	7.21 g	5 mL		
460-24277-E-15	PMP-16-VD-E (3.5-4.0)	5035, 8260B	T	35.30 g	44.18 g	8.88 g	5 mL		
460-24277-D-18	PMP-15VD-E (3.5-4)	5035, 8260B	T	35.04 g	41.93 g	6.89 g	5 mL		
460-24277-D-20	PMP-15-SI-E (15.5-16)	5035, 8260B	T	35.49 g	41.40 g	5.91 g	5 mL		
460-24277-D-21	PMP-15-SD-E (23.5-24.0)	5035, 8260B	T	35.33 g	45.91 g	10.58 g	5 mL		
460-24277-D-22	PMP-28-VD-E (3-5)	5035, 8260B	T	35.07 g	41.37 g	6.3 g	5 mL		
460-24277-D-25	PMP-28-SI2-E (15-17)	5035, 8260B	T	34.88 g	46.01 g	11.13 g	5 mL		
460-24277-D-28	PMP-17-SI-E (10.5-11.0)	5035, 8260B	T	34.88 g	42.62 g	7.74 g	5 mL		
460-24277-D-29	PMP-18-VD-E (3.5-4)	5035, 8260B	T	34.95 g	40.30 g	5.35 g	5 mL		
460-24277-D-30	PMP-18-WT-E (8-8.5)	5035, 8260B	T	34.38 g	39.80 g	5.42 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
PMP-9-VD-E (3.5-4.0)	460-24277-1	75	77	79	77	76	85
PMP-9-WT-E (8-8.5)	460-24277-2	80	82	144 X	103	77	71
PMP-9-SIE (10.5-11)	460-24277-3	78	84	76	79	96	83
DUP-031711 (3.5-4)	460-24277-4	78	84	78	82	90	75
DUP-031711 (8-8.5)	460-24277-5	0	0	0	0	0	0
DUP-031711 (10.5-11)	460-24277-6	73	82	81	76	85	76
PMP-10-VD-E (3.5-4.0)	460-24277-7	69	77	72	82	38	111
PMP-10-WT-E (7.5-8.0)	460-24277-8	60	71	61	74	42	82
PMP-10-ST1-E (15-15.5)	460-24277-9	72	82	81	84	104	82
PMP-10-ST2-E (23.5-24)	460-24277-10	67	74	66	68	76	96
PMP-13-VD-E (3.5-4)	460-24277-11	69	79	72	80	59	99
PMP-13-WT-E (7.5-8.0)	460-24277-12	84	83	92	88	98	78
PMP-13-SI-E (15.5-16)	460-24277-13	79	80	81	79	72	78
PMP-13-SD-E (23.5-24)	460-24277-14	82	80	86	82	70	83
PMP-16-VD-E (3.5-4.0)	460-24277-15	84	85	87	84	70	79
PMP-16-WT-E (8.0-8.5)	460-24277-16	74	75	129 X	73	46	81
PMP-16-SI-E (10.5-11.0)	460-24277-17	84	85	103	77	76	81
PMP-15VD-E (3.5-4)	460-24277-18	81	81	86	83	70	89
PMP-15-WT-E (7.5-8)	460-24277-19	91	91	149 X	107	71	91
PMP-15-SI-E (15.5-16)	460-24277-20	81	80	85	83	68	88
PMP-15-SD-E (23.5-24.0)	460-24277-21	80	79	81	81	64	78
PMP-28-VD-E (3-5)	460-24277-22	86	87	88	83	70	82
PMP-28-WT-E (8-8.5)	460-24277-23	89	88	101	88	71	86
PMP-28-SI1-E (11-13)	460-24277-24	86	86	89	87	73	82
PMP-28-SI2-E (15-17)	460-24277-25	81	81	83	81	67	78
PMP-17-VD-E (3.5-4)	460-24277-26	83	83	87	84	67	81

	QC LIMITS
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
PMP-17-WT-E (8-8.5)	460-24277-27	87	87	112 X	96	99	84
PMP-17-SI-E (10.5-11.0)	460-24277-28	77	79	85	90	81	79
PMP-18-VD-E (3.5-4)	460-24277-29	74	75	82	79	58	77
PMP-18-WT-E (8-8.5)	460-24277-30	79	82	96	78	65	80
PMP-18-SI-E (10.5-11)	460-24277-31	80	90	79	75	95	72
	MB 460-68798/1-A	82	86	88	91	90	82
	MB 460-68871/1-A	87	91	88	84	79	82
	MB 460-69007/1-A	71	79	73	69	83	75
	LCS 460-68798/2-A	82	81	76	73	101	92
	LCS 460-68871/2-A	85	85	87	85	82	85
	LCS 460-69007/2-A	70	76	75	73	88	75
PMP-10-VD-E (3.5-4.0) MS	460-24277-7 MS	88	90	84	77	91	115
PMP-13-WT-E (7.5-8.0) MS	460-24277-12 MS	88	88	96	95	100	88
	460-24279-F-1-B MS	68	72	71	73	88	76
PMP-10-VD-E (3.5-4.0) MSD	460-24277-7 MSD	79	87	80	74	86	107
PMP-13-WT-E (7.5-8.0) MSD	460-24277-12 MSD	92	93	104	97	99	86
	460-24279-F-1-C MSD	70	74	74	75	91	78

	QC LIMITS
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u66359.d

Lab ID: LCS 460-68798/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6650	4870	73	54-115	
2-Chlorophenol	6650	5280	79	56-110	
2-Methylphenol	6650	5220	78	54-117	
4-Methylphenol	6650	5490	83	47-103	
Benzaldehyde	3330	1110	34	10-160	
Acetophenone	3330	2860	86	40-95	
Bis(2-chloroethyl)ether	3330	3180	96	44-101	
2,2'-oxybis[1-chloropropane]	3330	2560	77	45-102	
N-Nitrosodi-n-propylamine	3330	2980	90	42-107	
Nitrobenzene	3330	2470	74	42-106	
Hexachloroethane	3330	2270	68	45-90	
Isophorone	3330	365	11	48-97	*
2-Nitrophenol	6650	5330	80	55-101	
2,4-Dimethylphenol	6650	5430	82	56-112	
2,4-Dichlorophenol	6650	5900	89	58-115	
Bis(2-chloroethoxy)methane	3330	2700	81	51-100	
Naphthalene	3330	2490	75	53-94	
4-Chloroaniline	3330	1660	50	10-96	
Hexachlorobutadiene	3330	2560	77	45-98	
Caprolactam	3330	1860	56	10-127	
4-Chloro-3-methylphenol	6650	5560	84	55-117	
2-Methylnaphthalene	3330	2640	79	51-98	
Hexachlorobenzene	3330	2720	82	43-104	
Hexachlorocyclopentadiene	3330	2750	83	24-98	
2,4,6-Trichlorophenol	6650	6080	91	53-118	
2,4,5-Trichlorophenol	6650	5620	84	50-115	
Diphenyl	3330	2920	88	50-105	
2-Chloronaphthalene	3330	2820	85	51-102	
2-Nitroaniline	3330	2750	83	51-109	
2,6-Dinitrotoluene	3330	3490	105	51-115	
Dimethyl phthalate	3330	3060	92	52-112	
Acenaphthylene	3330	2690	81	51-103	
3-Nitroaniline	3330	1710	51	32-104	
Acenaphthene	3330	2940	88	46-100	
4-Nitrophenol	6650	5890	89	45-114	
2,4-Dinitrophenol	6650	2990	45	10-129	
Dibenzofuran	3330	2610	78	52-106	
Diethyl phthalate	3330	3050	92	52-114	
Fluorene	3330	2770	83	51-108	
Fluoranthene	3330	2650	80	49-108	
Di-n-butyl phthalate	3330	2720	82	50-108	
2,4-Dinitrotoluene	3330	3130	94	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u66359.d

Lab ID: LCS 460-68798/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	3290	99	50-106	
4-Nitroaniline	3330	2800	84	45-106	
4,6-Dinitro-2-methylphenol	6650	3660	55	10-110	
4-Bromophenyl phenyl ether	3330	2980	90	44-102	
Atrazine	3330	2320	70	30-100	
Anthracene	3330	2840	85	50-107	
Carbazole	3330	2590	78	49-104	
Phenanthrene	3330	2580	78	48-108	
Pentachlorophenol	6650	5200	78	19-113	
Pyrene	3330	3080	93	49-116	
Chrysene	3330	2800	84	45-114	
Benzo[k]fluoranthene	3330	3310	99	35-115	
Benzo[g,h,i]perylene	3330	3240	97	43-106	
Benzo[b]fluoranthene	3330	3030	91	33-96	
Benzo[a]pyrene	3330	3150	95	36-89	*
Benzo[a]anthracene	3330	2850	86	46-112	
N-Nitrosodiphenylamine	3330	2540	76	49-106	
Butyl benzyl phthalate	3330	2990	90	49-117	
Bis(2-ethylhexyl) phthalate	3330	2970	89	49-119	
Di-n-octyl phthalate	3330	3180	96	40-106	
Indeno[1,2,3-cd]pyrene	3330	3280	99	43-109	
Dibenz(a,h)anthracene	3330	3270	98	43-107	
3,3'-Dichlorobenzidine	3330	1620	49	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2820	85	70-130	
2,3,4,6-Tetrachlorophenol	3330	2940	88	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p10101.d

Lab ID: LCS 460-68871/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6680	5570	83	54-115	
2-Chlorophenol	6680	5890	88	56-110	
2-Methylphenol	6680	5960	89	54-117	
4-Methylphenol	6680	6090	91	47-103	
Benzaldehyde	3340	4820	144	10-160	
Acetophenone	3340	3060	92	40-95	
Bis(2-chloroethyl)ether	3340	3020	91	44-101	
2,2'-oxybis[1-chloropropane]	3340	3010	90	45-102	
N-Nitrosodi-n-propylamine	3340	3390	101	42-107	
Nitrobenzene	3340	2750	82	42-106	
Hexachloroethane	3340	2820	84	45-90	
Isophorone	3340	2920	87	48-97	
2-Nitrophenol	6680	6160	92	55-101	
2,4-Dimethylphenol	6680	5720	86	56-112	
2,4-Dichlorophenol	6680	5630	84	58-115	
Bis(2-chloroethoxy)methane	3340	3030	91	51-100	
Naphthalene	3340	2880	86	53-94	
4-Chloroaniline	3340	1900	57	10-96	
Hexachlorobutadiene	3340	2740	82	45-98	
Caprolactam	3340	3540	106	10-127	
4-Chloro-3-methylphenol	6680	6180	92	55-117	
2-Methylnaphthalene	3340	2960	89	51-98	
Hexachlorobenzene	3340	2860	86	43-104	
Hexachlorocyclopentadiene	3340	2320	70	24-98	
2,4,6-Trichlorophenol	6680	5870	88	53-118	
2,4,5-Trichlorophenol	6680	5930	89	50-115	
Diphenyl	3340	2990	90	50-105	
2-Chloronaphthalene	3340	2840	85	51-102	
2-Nitroaniline	3340	2670	80	51-109	
2,6-Dinitrotoluene	3340	3130	94	51-115	
Dimethyl phthalate	3340	3020	90	52-112	
Acenaphthylene	3340	2830	85	51-103	
3-Nitroaniline	3340	2220	66	32-104	
Acenaphthene	3340	2940	88	46-100	
4-Nitrophenol	6680	6400	96	45-114	
2,4-Dinitrophenol	6680	6280	94	10-129	
Dibenzofuran	3340	2850	85	52-106	
Diethyl phthalate	3340	3060	92	52-114	
Fluorene	3340	2980	89	51-108	
Fluoranthene	3340	3080	92	49-108	
Di-n-butyl phthalate	3340	3230	97	50-108	
2,4-Dinitrotoluene	3340	3050	91	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p10101.d

Lab ID: LCS 460-68871/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3340	2940	88	50-106	
4-Nitroaniline	3340	2960	89	45-106	
4,6-Dinitro-2-methylphenol	6680	7030	105	10-110	
4-Bromophenyl phenyl ether	3340	2890	87	44-102	
Atrazine	3340	2650	79	30-100	
Anthracene	3340	2900	87	50-107	
Carbazole	3340	3000	90	49-104	
Phenanthrene	3340	2950	88	48-108	
Pentachlorophenol	6680	6090	91	19-113	
Pyrene	3340	2830	85	49-116	
Chrysene	3340	3050	91	45-114	
Benzo[k]fluoranthene	3340	2830	85	35-115	
Benzo[g,h,i]perylene	3340	2930	88	43-106	
Benzo[b]fluoranthene	3340	2800	84	33-96	
Benzo[a]pyrene	3340	2810	84	36-89	
Benzo[a]anthracene	3340	2790	83	46-112	
N-Nitrosodiphenylamine	3340	3140	94	49-106	
Butyl benzyl phthalate	3340	3220	96	49-117	
Bis(2-ethylhexyl) phthalate	3340	3300	99	49-119	
Di-n-octyl phthalate	3340	3100	93	40-106	
Indeno[1,2,3-cd]pyrene	3340	3380	101	43-109	
Dibenz(a,h)anthracene	3340	3020	90	43-107	
3,3'-Dichlorobenzidine	3340	2400	72	24-105	
1,2,4,5-Tetrachlorobenzene	3340	2850	85	70-130	
2,3,4,6-Tetrachlorophenol	3340	2900	87	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z15580.d

Lab ID: LCS 460-69007/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6680	5440	81	54-115	
2-Chlorophenol	6680	5140	77	56-110	
2-Methylphenol	6680	5560	83	54-117	
4-Methylphenol	6680	5490	82	47-103	
Benzaldehyde	3340	4310	129	10-160	
Acetophenone	3340	2920	87	40-95	
Bis(2-chloroethyl)ether	3340	2650	79	44-101	
2,2'-oxybis[1-chloropropane]	3340	2960	89	45-102	
N-Nitrosodi-n-propylamine	3340	3250	97	42-107	
Nitrobenzene	3340	2650	79	42-106	
Hexachloroethane	3340	2640	79	45-90	
Isophorone	3340	2580	77	48-97	
2-Nitrophenol	6680	5500	82	55-101	
2,4-Dimethylphenol	6680	5310	79	56-112	
2,4-Dichlorophenol	6680	5320	80	58-115	
Bis(2-chloroethoxy)methane	3340	2870	86	51-100	
Naphthalene	3340	2660	80	53-94	
4-Chloroaniline	3340	1800	54	10-96	
Hexachlorobutadiene	3340	2660	79	45-98	
Caprolactam	3340	2820	84	10-127	
4-Chloro-3-methylphenol	6680	5840	87	55-117	
2-Methylnaphthalene	3340	4670	140	51-98	*
Hexachlorobenzene	3340	2800	84	43-104	
Hexachlorocyclopentadiene	3340	2540	76	24-98	
2,4,6-Trichlorophenol	6680	5400	81	53-118	
2,4,5-Trichlorophenol	6680	5530	83	50-115	
Diphenyl	3340	2710	81	50-105	
2-Chloronaphthalene	3340	2650	79	51-102	
2-Nitroaniline	3340	2920	87	51-109	
2,6-Dinitrotoluene	3340	3340	100	51-115	
Dimethyl phthalate	3340	2970	89	52-112	
Acenaphthylene	3340	2650	79	51-103	
3-Nitroaniline	3340	2080	62	32-104	
Acenaphthene	3340	2750	82	46-100	
4-Nitrophenol	6680	6510	97	45-114	
2,4-Dinitrophenol	6680	6230	93	10-129	
Dibenzofuran	3340	2790	83	52-106	
Diethyl phthalate	3340	3050	91	52-114	
Fluorene	3340	2860	85	51-108	
Fluoranthene	3340	3230	97	49-108	
Di-n-butyl phthalate	3340	3210	96	50-108	
2,4-Dinitrotoluene	3340	3290	98	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z15580.d

Lab ID: LCS 460-69007/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3340	2930	88	50-106	
4-Nitroaniline	3340	3700	111	45-106	*
4,6-Dinitro-2-methylphenol	6680	5850	88	10-110	
4-Bromophenyl phenyl ether	3340	2770	83	44-102	
Atrazine	3340	2970	89	30-100	
Anthracene	3340	2630	79	50-107	
Carbazole	3340	3090	93	49-104	
Phenanthrene	3340	2850	85	48-108	
Pentachlorophenol	6680	5790	87	19-113	
Pyrene	3340	2600	78	49-116	
Chrysene	3340	2710	81	45-114	
Benzo[k]fluoranthene	3340	2610	78	35-115	
Benzo[g,h,i]perylene	3340	2770	83	43-106	
Benzo[b]fluoranthene	3340	2830	85	33-96	
Benzo[a]pyrene	3340	2800	84	36-89	
Benzo[a]anthracene	3340	2800	84	46-112	
N-Nitrosodiphenylamine	3340	2840	85	49-106	
Butyl benzyl phthalate	3340	2920	87	49-117	
Bis(2-ethylhexyl) phthalate	3340	3040	91	49-119	
Di-n-octyl phthalate	3340	2780	83	40-106	
Indeno[1,2,3-cd]pyrene	3340	2960	89	43-109	
Dibenz(a,h)anthracene	3340	2990	89	43-107	
3,3'-Dichlorobenzidine	3340	2210	66	24-105	
1,2,4,5-Tetrachlorobenzene	3340	2590	77	70-130	
2,3,4,6-Tetrachlorophenol	3340	3110	93	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u66382.d

Lab ID: 460-24277-7 MS Client ID: PMP-10-VD-E (3.5-4.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	6930	340 U	5970	86	54-115	
2-Chlorophenol	6930	340 U	6080	88	56-110	
2-Methylphenol	6930	340 U	6010	87	54-117	
4-Methylphenol	6930	340 U	6400	92	47-103	
Benzaldehyde	3470	340 U	6300	182	10-160	F
Acetophenone	3470	340 U	3110	90	40-95	
Bis(2-chloroethyl)ether	3470	34 U	3640	105	44-101	F
2,2'-oxybis[1-chloropropane]	3470	340 U	3010	87	45-102	
N-Nitrosodi-n-propylamine	3470	34 U	3430	99	42-107	
Nitrobenzene	3470	34 U	2740	79	42-106	
Hexachloroethane	3470	34 U	2410	69	45-90	
Isophorone	3470	340 U	3100	89	48-97	
2-Nitrophenol	6930	340 U	5580	81	55-101	
2,4-Dimethylphenol	6930	340 U	5900	85	56-112	
2,4-Dichlorophenol	6930	340 U	6750	97	58-115	
Bis(2-chloroethoxy)methane	3470	340 U	3070	89	51-100	
Naphthalene	3470	340 U	2790	81	53-94	
4-Chloroaniline	3470	340 U	1860	54	10-96	
Hexachlorobutadiene	3470	70 U	2780	80	45-98	
Caprolactam	3470	340 U	2690	78	10-127	
4-Chloro-3-methylphenol	6930	340 U	6240	90	55-117	
2-Methylnaphthalene	3470	340 U	3000	87	51-98	
Hexachlorobenzene	3470	34 U	2990	86	43-104	
Hexachlorocyclopentadiene	3470	340 U	1740	50	24-98	
2,4,6-Trichlorophenol	6930	340 U	6390	92	53-118	
2,4,5-Trichlorophenol	6930	340 U	6310	91	50-115	
Diphenyl	3470	340 U	3220	93	50-105	
2-Chloronaphthalene	3470	340 U	3050	88	51-102	
2-Nitroaniline	3470	700 U	3450	100	51-109	
2,6-Dinitrotoluene	3470	70 U	3570	103	51-115	
Dimethyl phthalate	3470	340 U	3390	98	52-112	
Acenaphthylene	3470	340 U	2880	83	51-103	
3-Nitroaniline	3470	700 U	2320	67	32-104	
Acenaphthene	3470	340 U	3070	89	46-100	
4-Nitrophenol	6930	1000 U	5570	80	45-114	
2,4-Dinitrophenol	6930	1000 U	1560	23	10-129	
Dibenzofuran	3470	340 U	2900	84	52-106	
Diethyl phthalate	3470	340 U	3220	93	52-114	
Fluorene	3470	340 U	2890	83	51-108	
Fluoranthene	3470	340 U	2830	82	49-108	
Di-n-butyl phthalate	3470	340 U	3190	92	50-108	
2,4-Dinitrotoluene	3470	70 U	3530	102	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u66382.d

Lab ID: 460-24277-7 MS Client ID: PMP-10-VD-E (3.5-4.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3470	340 U	3450	99	50-106	
4-Nitroaniline	3470	700 U	3180	92	45-106	
4,6-Dinitro-2-methylphenol	6930	1000 U	2630	38	10-110	
4-Bromophenyl phenyl ether	3470	340 U	3290	95	44-102	
Atrazine	3470	340 U	2810	81	30-100	
Anthracene	3470	340 U	3180	92	50-107	
Carbazole	3470	340 U	3020	87	49-104	
Phenanthrene	3470	340 U	2940	85	48-108	
Pentachlorophenol	6930	1000 U	2670	38	19-113	
Pyrene	3470	340 U	4050	117	49-116	F
Chrysene	3470	340 U	3490	101	45-114	
Benzo[k]fluoranthene	3470	34 U	3370	97	35-115	
Benzo[g,h,i]perylene	3470	340 U	4200	121	43-106	F
Benzo[b]fluoranthene	3470	34 U	3280	95	33-96	
Benzo[a]pyrene	3470	34 U	3210	93	36-89	F
Benzo[a]anthracene	3470	34 U	3250	94	46-112	
N-Nitrosodiphenylamine	3470	340 U	2960	85	49-106	
Butyl benzyl phthalate	3470	340 U	4120	119	49-117	F
Bis(2-ethylhexyl) phthalate	3470	340 U	4020	116	49-119	
Di-n-octyl phthalate	3470	340 U	3690	106	40-106	
Indeno[1,2,3-cd]pyrene	3470	34 U	4140	119	43-109	F
Dibenz(a,h)anthracene	3470	34 U	3880	112	43-107	F
3,3'-Dichlorobenzidine	3470	700 U	2630	76	24-105	
1,2,4,5-Tetrachlorobenzene	3470	340 U	2910	84	70-130	
2,3,4,6-Tetrachlorophenol	3470	340 U	2700	78	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p10120.d

Lab ID: 460-24277-12 MS Client ID: PMP-13-WT-E (7.5-8.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7370	360 U	6420	87	54-115	
2-Chlorophenol	7370	360 U	6620	90	56-110	
2-Methylphenol	7370	360 U	6880	93	54-117	
4-Methylphenol	7370	360 U	7380	100	47-103	
Benzaldehyde	3680	360 U	4460	121	10-160	
Acetophenone	3680	360 U	3730	101	40-95	F
Bis(2-chloroethyl)ether	3680	36 U	3390	92	44-101	
2,2'-oxybis[1-chloropropane]	3680	360 U	3340	91	45-102	
N-Nitrosodi-n-propylamine	3680	36 U	4270	116	42-107	F
Nitrobenzene	3680	36 U	3300	90	42-106	
Hexachloroethane	3680	36 U	3010	82	45-90	
Isophorone	3680	360 U	4010	109	48-97	F
2-Nitrophenol	7370	360 U	6920	94	55-101	
2,4-Dimethylphenol	7370	360 U	6910	94	56-112	
2,4-Dichlorophenol	7370	360 U	6720	91	58-115	
Bis(2-chloroethoxy)methane	3680	360 U	3600	98	51-100	
Naphthalene	3680	360 U	3210	87	53-94	
4-Chloroaniline	3680	360 U	2320	63	10-96	
Hexachlorobutadiene	3680	74 U	2950	80	45-98	
Caprolactam	3680	360 U	17200	467	10-127	E F
4-Chloro-3-methylphenol	7370	360 U	7170	97	55-117	
2-Methylnaphthalene	3680	360 U	3140	85	51-98	
Hexachlorobenzene	3680	36 U	2930	80	43-104	
Hexachlorocyclopentadiene	3680	360 U	3010	82	24-98	
2,4,6-Trichlorophenol	7370	360 U	7150	97	53-118	
2,4,5-Trichlorophenol	7370	360 U	8470	115	50-115	
Diphenyl	3680	360 U	4050	110	50-105	F
2-Chloronaphthalene	3680	360 U	3760	102	51-102	
2-Nitroaniline	3680	740 U	5030	137	51-109	F
2,6-Dinitrotoluene	3680	74 U	3730	101	51-115	
Dimethyl phthalate	3680	360 U	4420	120	52-112	F
Acenaphthylene	3680	360 U	4030	109	51-103	F
3-Nitroaniline	3680	740 U	4180	113	32-104	F
Acenaphthene	3680	360 U	4670	127	46-100	F
4-Nitrophenol	7370	1100 U	8450	115	45-114	F
2,4-Dinitrophenol	7370	1100 U	7210	98	10-129	
Dibenzofuran	3680	360 U	3940	107	52-106	F
Diethyl phthalate	3680	360 U	4520	123	52-114	F
Fluorene	3680	360 U	3980	108	51-108	
Fluoranthene	3680	360 U	3320	90	49-108	
Di-n-butyl phthalate	3680	360 U	3520	95	50-108	
2,4-Dinitrotoluene	3680	74 U	4350	118	53-110	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p10120.d

Lab ID: 460-24277-12 MS Client ID: PMP-13-WT-E (7.5-8.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3680	360 U	4080	111	50-106	F
4-Nitroaniline	3680	740 U	4800	130	45-106	F
4,6-Dinitro-2-methylphenol	7370	1100 U	6720	91	10-110	
4-Bromophenyl phenyl ether	3680	360 U	2800	76	44-102	
Atrazine	3680	360 U	2920	79	30-100	
Anthracene	3680	360 U	3080	84	50-107	
Carbazole	3680	360 U	3190	87	49-104	
Phenanthrene	3680	360 U	3100	84	48-108	
Pentachlorophenol	7370	1100 U	5090	69	19-113	
Pyrene	3680	98 J	3310	87	49-116	
Chrysene	3680	360 U	3370	91	45-114	
Benzo[k]fluoranthene	3680	36 U	3050	83	35-115	
Benzo[g,h,i]perylene	3680	360 U	3230	88	43-106	
Benzo[b]fluoranthene	3680	36 U	3160	86	33-96	
Benzo[a]pyrene	3680	36 U	3010	82	36-89	
Benzo[a]anthracene	3680	36 U	3120	85	46-112	
N-Nitrosodiphenylamine	3680	360 U	4540	123	49-106	F
Butyl benzyl phthalate	3680	360 U	3590	98	49-117	
Bis(2-ethylhexyl) phthalate	3680	360 U	3600	98	49-119	
Di-n-octyl phthalate	3680	360 U	3480	94	40-106	
Indeno[1,2,3-cd]pyrene	3680	36 U	3720	101	43-109	
Dibenz(a,h)anthracene	3680	36 U	3340	91	43-107	
3,3'-Dichlorobenzidine	3680	740 U	2650	72	24-105	
1,2,4,5-Tetrachlorobenzene	3680	360 U	4100	111	70-130	
2,3,4,6-Tetrachlorophenol	3680	360 U	3610	98	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z15589.d

Lab ID: 460-24279-F-1-B MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7060	350 U	5410	77	54-115	
2-Chlorophenol	7060	350 U	5100	72	56-110	
2-Methylphenol	7060	350 U	5510	78	54-117	
4-Methylphenol	7060	350 U	5480	78	47-103	
Benzaldehyde	3530	350 U	3070	87	10-160	
Acetophenone	3530	350 U	2910	83	40-95	
Bis(2-chloroethyl)ether	3530	35 U	2810	80	44-101	
2,2'-oxybis[1-chloropropane]	3530	350 U	2850	81	45-102	
N-Nitrosodi-n-propylamine	3530	35 U	3120	88	42-107	
Nitrobenzene	3530	35 U	2630	75	42-106	
Hexachloroethane	3530	35 U	2590	73	45-90	
Isophorone	3530	350 U	2950	83	48-97	
2-Nitrophenol	7060	350 U	5590	79	55-101	
2,4-Dimethylphenol	7060	350 U	5490	78	56-112	
2,4-Dichlorophenol	7060	350 U	5510	78	58-115	
Bis(2-chloroethoxy)methane	3530	350 U	2950	83	51-100	
Naphthalene	3530	350 U	2700	76	53-94	
4-Chloroaniline	3530	350 U	2150	61	10-96	
Hexachlorobutadiene	3530	71 U	2720	77	45-98	
Caprolactam	3530	350 U	2920	83	10-127	
4-Chloro-3-methylphenol	7060	350 U	5800	82	55-117	
2-Methylnaphthalene	3530	350 U	4700	133	51-98	F
Hexachlorobenzene	3530	35 U	2970	84	43-104	
Hexachlorocyclopentadiene	3530	350 U	2640	75	24-98	
2,4,6-Trichlorophenol	7060	350 U	5430	77	53-118	
2,4,5-Trichlorophenol	7060	350 U	5710	81	50-115	
Diphenyl	3530	350 U	2820	80	50-105	
2-Chloronaphthalene	3530	350 U	2760	78	51-102	
2-Nitroaniline	3530	710 U	2910	82	51-109	
2,6-Dinitrotoluene	3530	71 U	3460	98	51-115	
Dimethyl phthalate	3530	350 U	3070	87	52-112	
Acenaphthylene	3530	350 U	2750	78	51-103	
3-Nitroaniline	3530	710 U	2520	71	32-104	
Acenaphthene	3530	350 U	2850	81	46-100	
4-Nitrophenol	7060	1100 U	3900	55	45-114	
2,4-Dinitrophenol	7060	1100 U	6050	86	10-129	
Dibenzofuran	3530	350 U	2890	82	52-106	
Diethyl phthalate	3530	350 U	3160	90	52-114	
Fluorene	3530	350 U	2930	83	51-108	
Fluoranthene	3530	350 U	3320	94	49-108	
Di-n-butyl phthalate	3530	350 U	3310	94	50-108	
2,4-Dinitrotoluene	3530	71 U	3450	98	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z15589.d

Lab ID: 460-24279-F-1-B MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3530	350 U	3030	86	50-106	
4-Nitroaniline	3530	710 U	3770	107	45-106	F
4,6-Dinitro-2-methylphenol	7060	1100 U	5960	84	10-110	
4-Bromophenyl phenyl ether	3530	350 U	2930	83	44-102	
Atrazine	3530	350 U	2950	84	30-100	
Anthracene	3530	350 U	2700	76	50-107	
Carbazole	3530	350 U	3160	89	49-104	
Phenanthrene	3530	350 U	2920	83	48-108	
Pentachlorophenol	7060	1100 U	5390	76	19-113	
Pyrene	3530	350 U	2660	75	49-116	
Chrysene	3530	350 U	2830	80	45-114	
Benzo[k]fluoranthene	3530	35 U	2930	83	35-115	
Benzo[g,h,i]perylene	3530	350 U	2920	83	43-106	
Benzo[b]fluoranthene	3530	35 U	3240	92	33-96	
Benzo[a]pyrene	3530	35 U	2930	83	36-89	
Benzo[a]anthracene	3530	35 U	2860	81	46-112	
N-Nitrosodiphenylamine	3530	350 U	2990	85	49-106	
Butyl benzyl phthalate	3530	350 U	3050	87	49-117	
Bis(2-ethylhexyl) phthalate	3530	350 U	3210	91	49-119	
Di-n-octyl phthalate	3530	350 U	2980	84	40-106	
Indeno[1,2,3-cd]pyrene	3530	35 U	3010	85	43-109	
Dibenz(a,h)anthracene	3530	35 U	3080	87	43-107	
3,3'-Dichlorobenzidine	3530	710 U	2300	65	24-105	
1,2,4,5-Tetrachlorobenzene	3530	350 U	2770	78	70-130	
2,3,4,6-Tetrachlorophenol	3530	350 U	3210	91	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u66383.d

Lab ID: 460-24277-7 MSD Client ID: PMP-10-VD-E (3.5-4.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	6920	5550	80	7	30	54-115	
2-Chlorophenol	6920	5750	83	6	30	56-110	
2-Methylphenol	6920	5750	83	4	30	54-117	
4-Methylphenol	6920	5950	86	7	30	47-103	
Benzaldehyde	3460	6030	174	4	30	10-160	F
Acetophenone	3460	2920	84	6	30	40-95	
Bis(2-chloroethyl)ether	3460	3690	107	2	30	44-101	F
2,2'-oxybis[1-chloropropane]	3460	2760	80	9	30	45-102	
N-Nitrosodi-n-propylamine	3460	3270	94	5	30	42-107	
Nitrobenzene	3460	2640	76	4	30	42-106	
Hexachloroethane	3460	2380	69	1	30	45-90	
Isophorone	3460	3060	88	1	30	48-97	
2-Nitrophenol	6920	5500	79	2	30	55-101	
2,4-Dimethylphenol	6920	6330	91	7	30	56-112	
2,4-Dichlorophenol	6920	5790	84	15	30	58-115	
Bis(2-chloroethoxy)methane	3460	3080	89	0	30	51-100	
Naphthalene	3460	2810	81	1	30	53-94	
4-Chloroaniline	3460	1950	56	5	30	10-96	
Hexachlorobutadiene	3460	2770	80	0	30	45-98	
Caprolactam	3460	2830	82	5	30	10-127	
4-Chloro-3-methylphenol	6920	6010	87	4	30	55-117	
2-Methylnaphthalene	3460	3060	88	2	30	51-98	
Hexachlorobenzene	3460	2870	83	4	30	43-104	
Hexachlorocyclopentadiene	3460	1770	51	1	30	24-98	
2,4,6-Trichlorophenol	6920	6060	88	5	30	53-118	
2,4,5-Trichlorophenol	6920	5990	87	5	30	50-115	
Diphenyl	3460	2980	86	8	30	50-105	
2-Chloronaphthalene	3460	3000	87	2	30	51-102	
2-Nitroaniline	3460	3380	98	2	30	51-109	
2,6-Dinitrotoluene	3460	3540	102	1	30	51-115	
Dimethyl phthalate	3460	3240	94	5	30	52-112	
Acenaphthylene	3460	2850	82	1	30	51-103	
3-Nitroaniline	3460	2340	68	1	30	32-104	
Acenaphthene	3460	2960	85	4	30	46-100	
4-Nitrophenol	6920	5160	74	8	30	45-114	
2,4-Dinitrophenol	6920	1170	17	29	30	10-129	
Dibenzofuran	3460	2730	79	6	30	52-106	
Diethyl phthalate	3460	3240	94	1	30	52-114	
Fluorene	3460	3040	88	5	30	51-108	
Fluoranthene	3460	2540	73	11	30	49-108	
Di-n-butyl phthalate	3460	2870	83	11	30	50-108	
2,4-Dinitrotoluene	3460	3120	90	12	30	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: u66383.d

Lab ID: 460-24277-7 MSD Client ID: PMP-10-VD-E (3.5-4.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3460	3370	97	2	30	50-106	
4-Nitroaniline	3460	3100	89	3	30	45-106	
4,6-Dinitro-2-methylphenol	6920	2020	29	26	30	10-110	
4-Bromophenyl phenyl ether	3460	2950	85	11	30	44-102	
Atrazine	3460	2470	71	13	30	30-100	
Anthracene	3460	2760	80	14	30	50-107	
Carbazole	3460	2770	80	9	30	49-104	
Phenanthrene	3460	2950	85	0	30	48-108	
Pentachlorophenol	6920	2110	31	23	30	19-113	
Pyrene	3460	3660	106	10	30	49-116	
Chrysene	3460	3340	97	4	30	45-114	
Benzo[k]fluoranthene	3460	3460	100	3	30	35-115	
Benzo[g,h,i]perylene	3460	4350	126	4	30	43-106	F
Benzo[b]fluoranthene	3460	3160	91	4	30	33-96	
Benzo[a]pyrene	3460	3310	96	3	30	36-89	F
Benzo[a]anthracene	3460	3150	91	3	30	46-112	
N-Nitrosodiphenylamine	3460	2820	81	5	30	49-106	
Butyl benzyl phthalate	3460	3910	113	5	30	49-117	
Bis(2-ethylhexyl) phthalate	3460	3750	108	7	30	49-119	
Di-n-octyl phthalate	3460	3630	105	2	30	40-106	
Indeno[1,2,3-cd]pyrene	3460	3880	112	7	30	43-109	F
Dibenz(a,h)anthracene	3460	3910	113	1	30	43-107	F
3,3'-Dichlorobenzidine	3460	2610	75	1	30	24-105	
1,2,4,5-Tetrachlorobenzene	3460	3000	87	3	30	70-130	
2,3,4,6-Tetrachlorophenol	3460	2590	75	4	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p10121.d

Lab ID: 460-24277-12 MSD Client ID: PMP-13-WT-E (7.5-8.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	7380	6690	91	4	30	54-115	
2-Chlorophenol	7380	6860	93	4	30	56-110	
2-Methylphenol	7380	7510	102	9	30	54-117	
4-Methylphenol	7380	7520	102	2	30	47-103	
Benzaldehyde	3690	3430	93	26	30	10-160	
Acetophenone	3690	3950	107	6	30	40-95	F
Bis(2-chloroethyl)ether	3690	3640	99	7	30	44-101	
2,2'-oxybis[1-chloropropane]	3690	3400	92	2	30	45-102	
N-Nitrosodi-n-propylamine	3690	4120	112	4	30	42-107	F
Nitrobenzene	3690	3410	92	3	30	42-106	
Hexachloroethane	3690	3030	82	1	30	45-90	
Isophorone	3690	4360	118	8	30	48-97	F
2-Nitrophenol	7380	7140	97	3	30	55-101	
2,4-Dimethylphenol	7380	7260	98	5	30	56-112	
2,4-Dichlorophenol	7380	6990	95	4	30	58-115	
Bis(2-chloroethoxy)methane	3690	3720	101	3	30	51-100	F
Naphthalene	3690	3310	90	3	30	53-94	
4-Chloroaniline	3690	2250	61	3	30	10-96	
Hexachlorobutadiene	3690	2960	80	0	30	45-98	
Caprolactam	3690	22300	603	26	30	10-127	E F
4-Chloro-3-methylphenol	7380	7250	98	1	30	55-117	
2-Methylnaphthalene	3690	3150	85	0	30	51-98	
Hexachlorobenzene	3690	3200	87	9	30	43-104	
Hexachlorocyclopentadiene	3690	3040	82	1	30	24-98	
2,4,6-Trichlorophenol	7380	7420	101	4	30	53-118	
2,4,5-Trichlorophenol	7380	7790	106	8	30	50-115	
Diphenyl	3690	4080	111	1	30	50-105	F
2-Chloronaphthalene	3690	3680	100	2	30	51-102	
2-Nitroaniline	3690	4790	130	5	30	51-109	F
2,6-Dinitrotoluene	3690	3550	96	5	30	51-115	
Dimethyl phthalate	3690	4260	115	4	30	52-112	F
Acenaphthylene	3690	4050	110	1	30	51-103	F
3-Nitroaniline	3690	4220	114	1	30	32-104	F
Acenaphthene	3690	4610	125	1	30	46-100	F
4-Nitrophenol	7380	8250	112	2	30	45-114	
2,4-Dinitrophenol	7380	7180	97	0	30	10-129	
Dibenzofuran	3690	4070	110	3	30	52-106	F
Diethyl phthalate	3690	4510	122	0	30	52-114	F
Fluorene	3690	4010	109	1	30	51-108	F
Fluoranthene	3690	3650	99	10	30	49-108	
Di-n-butyl phthalate	3690	3960	107	12	30	50-108	
2,4-Dinitrotoluene	3690	4220	114	3	30	53-110	F

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p10121.d

Lab ID: 460-24277-12 MSD Client ID: PMP-13-WT-E (7.5-8.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3690	4060	110	1	30	50-106	F
4-Nitroaniline	3690	3960	107	19	30	45-106	F
4,6-Dinitro-2-methylphenol	7380	7050	96	5	30	10-110	
4-Bromophenyl phenyl ether	3690	3200	87	13	30	44-102	
Atrazine	3690	3320	90	13	30	30-100	
Anthracene	3690	3270	89	6	30	50-107	
Carbazole	3690	3480	94	9	30	49-104	
Phenanthrene	3690	3440	93	10	30	48-108	
Pentachlorophenol	7380	5100	69	0	30	19-113	
Pyrene	3690	3320	87	0	30	49-116	
Chrysene	3690	3310	90	2	30	45-114	
Benzo[k]fluoranthene	3690	3120	85	3	30	35-115	
Benzo[g,h,i]perylene	3690	3260	88	1	30	43-106	
Benzo[b]fluoranthene	3690	3210	87	2	30	33-96	
Benzo[a]pyrene	3690	3050	83	1	30	36-89	
Benzo[a]anthracene	3690	3120	85	0	30	46-112	
N-Nitrosodiphenylamine	3690	5280	143	15	30	49-106	F
Butyl benzyl phthalate	3690	3640	99	1	30	49-117	
Bis(2-ethylhexyl) phthalate	3690	3620	98	1	30	49-119	
Di-n-octyl phthalate	3690	3340	91	4	30	40-106	
Indeno[1,2,3-cd]pyrene	3690	3730	101	0	30	43-109	
Dibenz(a,h)anthracene	3690	3360	91	1	30	43-107	
3,3'-Dichlorobenzidine	3690	2440	66	8	30	24-105	
1,2,4,5-Tetrachlorobenzene	3690	4190	114	2	30	70-130	
2,3,4,6-Tetrachlorophenol	3690	3660	99	1	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z15590.d

Lab ID: 460-24279-F-1-C MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	7040	5560	79	3	30	54-115	
2-Chlorophenol	7040	5330	76	4	30	56-110	
2-Methylphenol	7040	5800	82	5	30	54-117	
4-Methylphenol	7040	5700	81	4	30	47-103	
Benzaldehyde	3520	3340	95	8	30	10-160	
Acetophenone	3520	3020	86	4	30	40-95	
Bis(2-chloroethyl)ether	3520	2790	79	1	30	44-101	
2,2'-oxybis[1-chloropropane]	3520	2970	84	4	30	45-102	
N-Nitrosodi-n-propylamine	3520	3260	93	5	30	42-107	
Nitrobenzene	3520	2730	78	4	30	42-106	
Hexachloroethane	3520	2700	77	4	30	45-90	
Isophorone	3520	3040	86	3	30	48-97	
2-Nitrophenol	7040	5840	83	4	30	55-101	
2,4-Dimethylphenol	7040	5720	81	4	30	56-112	
2,4-Dichlorophenol	7040	5690	81	3	30	58-115	
Bis(2-chloroethoxy)methane	3520	3050	87	3	30	51-100	
Naphthalene	3520	2800	79	4	30	53-94	
4-Chloroaniline	3520	2110	60	2	30	10-96	
Hexachlorobutadiene	3520	2860	81	5	30	45-98	
Caprolactam	3520	2940	84	1	30	10-127	
4-Chloro-3-methylphenol	7040	6020	85	4	30	55-117	
2-Methylnaphthalene	3520	4880	139	4	30	51-98	F
Hexachlorobenzene	3520	3050	87	2	30	43-104	
Hexachlorocyclopentadiene	3520	2710	77	3	30	24-98	
2,4,6-Trichlorophenol	7040	5490	78	1	30	53-118	
2,4,5-Trichlorophenol	7040	6240	89	9	30	50-115	
Diphenyl	3520	2890	82	3	30	50-105	
2-Chloronaphthalene	3520	2870	82	4	30	51-102	
2-Nitroaniline	3520	3030	86	4	30	51-109	
2,6-Dinitrotoluene	3520	3580	102	4	30	51-115	
Dimethyl phthalate	3520	3120	89	2	30	52-112	
Acenaphthylene	3520	2810	80	2	30	51-103	
3-Nitroaniline	3520	2460	70	2	30	32-104	
Acenaphthene	3520	2950	84	3	30	46-100	
4-Nitrophenol	7040	4290	61	10	30	45-114	
2,4-Dinitrophenol	7040	6090	86	1	30	10-129	
Dibenzofuran	3520	2960	84	2	30	52-106	
Diethyl phthalate	3520	3260	93	3	30	52-114	
Fluorene	3520	3020	86	3	30	51-108	
Fluoranthene	3520	3430	98	3	30	49-108	
Di-n-butyl phthalate	3520	3470	99	5	30	50-108	
2,4-Dinitrotoluene	3520	3530	100	2	30	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z15590.d

Lab ID: 460-24279-F-1-C MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3520	3130	89	3	30	50-106	
4-Nitroaniline	3520	3900	111	4	30	45-106	F
4,6-Dinitro-2-methylphenol	7040	6010	85	1	30	10-110	
4-Bromophenyl phenyl ether	3520	3010	86	3	30	44-102	
Atrazine	3520	3140	89	6	30	30-100	
Anthracene	3520	2790	79	3	30	50-107	
Carbazole	3520	3280	93	4	30	49-104	
Phenanthrene	3520	3010	85	3	30	48-108	
Pentachlorophenol	7040	5450	77	1	30	19-113	
Pyrene	3520	2710	77	2	30	49-116	
Chrysene	3520	2970	84	5	30	45-114	
Benzo[k]fluoranthene	3520	3070	87	5	30	35-115	
Benzo[g,h,i]perylene	3520	2990	85	2	30	43-106	
Benzo[b]fluoranthene	3520	3190	91	2	30	33-96	
Benzo[a]pyrene	3520	3020	86	3	30	36-89	
Benzo[a]anthracene	3520	2980	85	4	30	46-112	
N-Nitrosodiphenylamine	3520	3040	86	2	30	49-106	
Butyl benzyl phthalate	3520	3160	90	3	30	49-117	
Bis(2-ethylhexyl) phthalate	3520	3350	95	4	30	49-119	
Di-n-octyl phthalate	3520	3070	87	3	30	40-106	
Indeno[1,2,3-cd]pyrene	3520	3170	90	5	30	43-109	
Dibenz(a,h)anthracene	3520	3130	89	2	30	43-107	
3,3'-Dichlorobenzidine	3520	2470	70	7	30	24-105	
1,2,4,5-Tetrachlorobenzene	3520	2810	80	2	30	70-130	
2,3,4,6-Tetrachlorophenol	3520	3280	93	2	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: u66362.d Lab Sample ID: MB 460-68798/1-A

Matrix: Solid Date Extracted: 03/28/2011 22:00

Instrument ID: BNAMS4 Date Analyzed: 03/30/2011 05:27

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68798/2-A	u66359.d	03/30/2011 04:24
PMP-10-ST1-E (15-15.5)	460-24277-9	u66367.d	03/30/2011 07:05
PMP-10-ST2-E (23.5-24)	460-24277-10	u66368.d	03/30/2011 07:25
PMP-13-VD-E (3.5-4)	460-24277-11	u66373.d	03/30/2011 09:13
PMP-10-VD-E (3.5-4.0) MS	460-24277-7 MS	u66382.d	03/30/2011 12:10
PMP-10-VD-E (3.5-4.0) MSD	460-24277-7 MSD	u66383.d	03/30/2011 12:30
PMP-10-VD-E (3.5-4.0)	460-24277-7	u66384.d	03/30/2011 12:49
PMP-10-WT-E (7.5-8.0)	460-24277-8	u66387.d	03/30/2011 13:48

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: p10102.d Lab Sample ID: MB 460-68871/1-A

Matrix: Solid Date Extracted: 03/29/2011 22:23

Instrument ID: BNAMS10 Date Analyzed: 03/30/2011 01:36

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68871/2-A	p10101.d	03/30/2011 01:09
PMP-13-SI-E (15.5-16)	460-24277-13	p10103.d	03/30/2011 02:03
PMP-13-SD-E (23.5-24)	460-24277-14	p10104.d	03/30/2011 02:29
PMP-16-VD-E (3.5-4.0)	460-24277-15	p10105.d	03/30/2011 02:56
PMP-15VD-E (3.5-4)	460-24277-18	p10106.d	03/30/2011 03:23
PMP-15-SI-E (15.5-16)	460-24277-20	p10107.d	03/30/2011 03:50
PMP-15-SD-E (23.5-24.0)	460-24277-21	p10108.d	03/30/2011 04:17
PMP-28-SI2-E (15-17)	460-24277-25	p10109.d	03/30/2011 04:44
PMP-17-VD-E (3.5-4)	460-24277-26	p10110.d	03/30/2011 05:11
PMP-17-SI-E (10.5-11.0)	460-24277-28	p10111.d	03/30/2011 05:38
PMP-18-VD-E (3.5-4)	460-24277-29	p10112.d	03/30/2011 06:04
PMP-16-SI-E (10.5-11.0)	460-24277-17	p10114.d	03/30/2011 06:58
PMP-28-VD-E (3-5)	460-24277-22	p10115.d	03/30/2011 07:25
PMP-28-SI1-E (11-13)	460-24277-24	p10116.d	03/30/2011 07:52
PMP-17-WT-E (8-8.5)	460-24277-27	p10117.d	03/30/2011 08:19
PMP-18-WT-E (8-8.5)	460-24277-30	p10118.d	03/30/2011 08:46
PMP-13-WT-E (7.5-8.0)	460-24277-12	p10119.d	03/30/2011 09:13
PMP-13-WT-E (7.5-8.0) MS	460-24277-12 MS	p10120.d	03/30/2011 09:40
PMP-13-WT-E (7.5-8.0) MSD	460-24277-12 MSD	p10121.d	03/30/2011 10:07
PMP-28-WT-E (8-8.5)	460-24277-23	p10122.d	03/30/2011 10:34
PMP-15-WT-E (7.5-8)	460-24277-19	p10123.d	03/30/2011 11:01
PMP-16-WT-E (8.0-8.5)	460-24277-16	p10125.d	03/30/2011 11:55

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: z15581.d Lab Sample ID: MB 460-69007/1-A

Matrix: Solid Date Extracted: 03/30/2011 22:53

Instrument ID: BNAMS11 Date Analyzed: 03/31/2011 03:53

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-69007/2-A	z15580.d	03/31/2011 03:31
	460-24279-F-1-B MS	z15589.d	03/31/2011 06:46
	460-24279-F-1-C MSD	z15590.d	03/31/2011 07:08
PMP-9-VD-E (3.5-4.0)	460-24277-1	z15591.d	03/31/2011 07:30
PMP-18-SI-E (10.5-11)	460-24277-31	z15644.d	04/01/2011 17:13
DUP-031711 (10.5-11)	460-24277-6	z15645.d	04/01/2011 17:35
PMP-9-SIE (10.5-11)	460-24277-3	z15647.d	04/01/2011 18:19
DUP-031711 (3.5-4)	460-24277-4	z15648.d	04/01/2011 18:41
DUP-031711 (8-8.5)	460-24277-5	u66447.d	04/03/2011 21:56
PMP-9-WT-E (8-8.5)	460-24277-2	u66449.d	04/03/2011 22:39

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: p9564.d DFTPP Injection Date: 02/26/2011

Instrument ID: BNAMS10 DFTPP Injection Time: 13:04

Analysis Batch No.: 65875

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	37.9	
68	Less than 2.0 % of mass 69	0.7	(1.5)1
69	Mass 69 relative abundance	44.6	
70	Less than 2.0 % of mass 69	0.5	(1.0)1
127	40.0 - 60.0 % of mass 198	53.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	25.0	
365	Greater than 1.0 % of mass 198	3.8	
441	Present but less than mass 443	11.4	
442	Greater than 40.0 % of mass 198	80.2	
443	17.0 - 23.0 % of mass 442	14.9	(18.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-65875/2	p9565.d	02/26/2011	13:23
	IC 460-65875/3	p9566.d	02/26/2011	14:06
	IC 460-65875/4	p9567.d	02/26/2011	14:34
	IC 460-65875/5	p9568.d	02/26/2011	15:01
	IC 460-65875/7	p9569.d	02/26/2011	15:29
	IC 460-65875/6	p9570.d	02/26/2011	15:56

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: p10099.d DFTPP Injection Date: 03/30/2011

Instrument ID: BNAMS10 DFTPP Injection Time: 00:08

Analysis Batch No.: 69222

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	38.7	
68	Less than 2.0 % of mass 69	0.8	(1.9)1
69	Mass 69 relative abundance	42.0	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	53.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.8	
275	10.0 - 30.0 % of mass 198	24.5	
365	Greater than 1.0 % of mass 198	3.1	
441	Present but less than mass 443	11.6	
442	Greater than 40.0 % of mass 198	78.9	
443	17.0 - 23.0 % of mass 442	14.4	(18.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69222/2	p10100.d	03/30/2011	00:35
	LCS 460-68871/2-A	p10101.d	03/30/2011	01:09
	MB 460-68871/1-A	p10102.d	03/30/2011	01:36
PMP-13-SI-E (15.5-16)	460-24277-13	p10103.d	03/30/2011	02:03
PMP-13-SD-E (23.5-24)	460-24277-14	p10104.d	03/30/2011	02:29
PMP-16-VD-E (3.5-4.0)	460-24277-15	p10105.d	03/30/2011	02:56
PMP-15VD-E (3.5-4)	460-24277-18	p10106.d	03/30/2011	03:23
PMP-15-SI-E (15.5-16)	460-24277-20	p10107.d	03/30/2011	03:50
PMP-15-SD-E (23.5-24.0)	460-24277-21	p10108.d	03/30/2011	04:17
PMP-28-SI2-E (15-17)	460-24277-25	p10109.d	03/30/2011	04:44
PMP-17-VD-E (3.5-4)	460-24277-26	p10110.d	03/30/2011	05:11
PMP-17-SI-E (10.5-11.0)	460-24277-28	p10111.d	03/30/2011	05:38
PMP-18-VD-E (3.5-4)	460-24277-29	p10112.d	03/30/2011	06:04
PMP-16-SI-E (10.5-11.0)	460-24277-17	p10114.d	03/30/2011	06:58
PMP-28-VD-E (3-5)	460-24277-22	p10115.d	03/30/2011	07:25
PMP-28-SI1-E (11-13)	460-24277-24	p10116.d	03/30/2011	07:52
PMP-17-WT-E (8-8.5)	460-24277-27	p10117.d	03/30/2011	08:19
PMP-18-WT-E (8-8.5)	460-24277-30	p10118.d	03/30/2011	08:46
PMP-13-WT-E (7.5-8.0)	460-24277-12	p10119.d	03/30/2011	09:13
PMP-13-WT-E (7.5-8.0) MS	460-24277-12 MS	p10120.d	03/30/2011	09:40
PMP-13-WT-E (7.5-8.0) MSD	460-24277-12 MSD	p10121.d	03/30/2011	10:07
PMP-28-WT-E (8-8.5)	460-24277-23	p10122.d	03/30/2011	10:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: p10099.d DFTPP Injection Date: 03/30/2011

Instrument ID: BNAMS10 DFTPP Injection Time: 00:08

Analysis Batch No.: 69222

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	38.7	
68	Less than 2.0 % of mass 69	0.8	(1.9)1
69	Mass 69 relative abundance	42.0	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	53.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.8	
275	10.0 - 30.0 % of mass 198	24.5	
365	Greater than 1.0 % of mass 198	3.1	
441	Present but less than mass 443	11.6	
442	Greater than 40.0 % of mass 198	78.9	
443	17.0 - 23.0 % of mass 442	14.4	(18.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
PMP-15-WT-E (7.5-8)	460-24277-19	p10123.d	03/30/2011	11:01
PMP-16-WT-E (8.0-8.5)	460-24277-16	p10125.d	03/30/2011	11:55

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: z15276.d DFTPP Injection Date: 03/21/2011

Instrument ID: BNAMS11 DFTPP Injection Time: 10:59

Analysis Batch No.: 68049

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	41.9	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	45.4	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	49.6	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	28.5	
365	Greater than 1.0 % of mass 198	3.5	
441	Present but less than mass 443	10.7	
442	Greater than 40.0 % of mass 198	76.5	
443	17.0 - 23.0 % of mass 442	13.5	(17.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-68049/2	z15277.d	03/21/2011	11:14
	IC 460-68049/3	z15278.d	03/21/2011	11:46
	IC 460-68049/4	z15279.d	03/21/2011	12:07
	IC 460-68049/5	z15280.d	03/21/2011	12:29
	IC 460-68049/6	z15281.d	03/21/2011	12:51
	IC 460-68049/7	z15282.d	03/21/2011	13:13

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: z15577.d DFTPP Injection Date: 03/31/2011

Instrument ID: BNAMS11 DFTPP Injection Time: 02:30

Analysis Batch No.: 69101

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	42.5	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	46.8	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	51.4	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	28.8	
365	Greater than 1.0 % of mass 198	4.6	
441	Present but less than mass 443	10.8	
442	Greater than 40.0 % of mass 198	69.4	
443	17.0 - 23.0 % of mass 442	13.2	(19.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69101/2	z15578.d	03/31/2011	02:39
	LCS 460-69007/2-A	z15580.d	03/31/2011	03:31
	MB 460-69007/1-A	z15581.d	03/31/2011	03:53
	460-24279-F-1-B MS	z15589.d	03/31/2011	06:46
	460-24279-F-1-C MSD	z15590.d	03/31/2011	07:08
PMP-9-VD-E (3.5-4.0)	460-24277-1	z15591.d	03/31/2011	07:30

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: z15640.d DFTPP Injection Date: 04/01/2011

Instrument ID: BNAMS11 DFTPP Injection Time: 15:08

Analysis Batch No.: 69325

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.8	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	46.6	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	50.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.0	
275	10.0 - 30.0 % of mass 198	28.9	
365	Greater than 1.0 % of mass 198	4.1	
441	Present but less than mass 443	10.9	
442	Greater than 40.0 % of mass 198	77.8	
443	17.0 - 23.0 % of mass 442	13.8	(17.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69325/2	z15641.d	04/01/2011	15:52
PMP-18-SI-E (10.5-11)	460-24277-31	z15644.d	04/01/2011	17:13
DUP-031711 (10.5-11)	460-24277-6	z15645.d	04/01/2011	17:35
PMP-9-SIE (10.5-11)	460-24277-3	z15647.d	04/01/2011	18:19
DUP-031711 (3.5-4)	460-24277-4	z15648.d	04/01/2011	18:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: u66239.d DFTPP Injection Date: 03/18/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 04:57

Analysis Batch No.: 67964

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	52.4	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	65.9	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.5	
275	10.0 - 30.0 % of mass 198	26.0	
365	Greater than 1.0 % of mass 198	3.9	
441	Present but less than mass 443	7.4	
442	Greater than 40.0 % of mass 198	48.9	
443	17.0 - 23.0 % of mass 442	9.8	(20.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-67964/2	u66240.d	03/18/2011	05:47
	IC 460-67964/3	u66241.d	03/18/2011	06:17
	IC 460-67964/4	u66242.d	03/18/2011	06:37
	IC 460-67964/5	u66243.d	03/18/2011	06:57
	IC 460-67964/6	u66244.d	03/18/2011	07:16
	IC 460-67964/7	u66245.d	03/18/2011	07:36

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: u66357.d DFTPP Injection Date: 03/30/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 03:28

Analysis Batch No.: 68940

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	44.6	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	59.0	
70	Less than 2.0 % of mass 69	0.1	(0.2)1
127	40.0 - 60.0 % of mass 198	49.6	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	22.1	
365	Greater than 1.0 % of mass 198	3.3	
441	Present but less than mass 443	9.4	
442	Greater than 40.0 % of mass 198	58.8	
443	17.0 - 23.0 % of mass 442	11.0	(18.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-68940/2	u66358.d	03/30/2011	04:01
	LCS 460-68798/2-A	u66359.d	03/30/2011	04:24
	MB 460-68798/1-A	u66362.d	03/30/2011	05:27
PMP-10-ST1-E (15-15.5)	460-24277-9	u66367.d	03/30/2011	07:05
PMP-10-ST2-E (23.5-24)	460-24277-10	u66368.d	03/30/2011	07:25
PMP-13-VD-E (3.5-4)	460-24277-11	u66373.d	03/30/2011	09:13
PMP-10-VD-E (3.5-4.0) MS	460-24277-7 MS	u66382.d	03/30/2011	12:10
PMP-10-VD-E (3.5-4.0) MSD	460-24277-7 MSD	u66383.d	03/30/2011	12:30
PMP-10-VD-E (3.5-4.0)	460-24277-7	u66384.d	03/30/2011	12:49
PMP-10-WT-E (7.5-8.0)	460-24277-8	u66387.d	03/30/2011	13:48

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: u66406.d DFTPP Injection Date: 04/02/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 11:05

Analysis Batch No.: 69345

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	68.0	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	48.6	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.1	
275	10.0 - 30.0 % of mass 198	17.7	
365	Greater than 1.0 % of mass 198	1.8	
441	Present but less than mass 443	11.9	
442	Greater than 40.0 % of mass 198	79.7	
443	17.0 - 23.0 % of mass 442	15.3	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-69345/2	u66407.d	04/02/2011	11:25
	IC 460-69345/3	u66408.d	04/02/2011	11:46
	IC 460-69345/4	u66409.d	04/02/2011	12:07
	IC 460-69345/5	u66410.d	04/02/2011	12:29
	IC 460-69345/6	u66411.d	04/02/2011	12:50
	IC 460-69345/7	u66412.d	04/02/2011	13:11

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: u66440.d DFTPP Injection Date: 04/03/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 19:02

Analysis Batch No.: 69541

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	52.2	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	68.0	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	48.9	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	18.7	
365	Greater than 1.0 % of mass 198	1.7	
441	Present but less than mass 443	13.0	
442	Greater than 40.0 % of mass 198	85.6	
443	17.0 - 23.0 % of mass 442	16.4	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69541/2	u66441.d	04/03/2011	19:45
DUP-031711 (8-8.5)	460-24277-5	u66447.d	04/03/2011	21:56
PMP-9-WT-E (8-8.5)	460-24277-2	u66449.d	04/03/2011	22:39

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-69222/2 Date Analyzed: 03/30/2011 00:35

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p10100.d Heated Purge: (Y/N) N

Calibration ID: 9916

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		307425	4.29	1076380	5.66	563360	7.45
UPPER LIMIT		614850	4.79	2152760	6.16	1126720	7.95
LOWER LIMIT		153713	3.79	538190	5.16	281680	6.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68871/2-A		298384	4.29	1034359	5.66	541602	7.45
MB 460-68871/1-A		311604	4.28	1102525	5.65	583772	7.45
460-24277-13	PMP-13-SI-E (15.5-16)	332799	4.28	1171708	5.65	609336	7.45
460-24277-14	PMP-13-SD-E (23.5-24)	359719	4.28	1245750	5.65	633649	7.45
460-24277-15	PMP-16-VD-E (3.5-4.0)	332086	4.28	1161780	5.65	594544	7.45
460-24277-18	PMP-15VD-E (3.5-4)	420086	4.28	1455127	5.65	723428	7.45
460-24277-20	PMP-15-SI-E (15.5-16)	418000	4.28	1447682	5.65	713658	7.45
460-24277-21	PMP-15-SD-E (23.5-24.0)	324754	4.28	1138467	5.65	569844	7.45
460-24277-25	PMP-28-SI2-E (15-17)	307860	4.29	1075736	5.65	559461	7.45
460-24277-26	PMP-17-VD-E (3.5-4)	400096	4.28	1389682	5.65	715534	7.45
460-24277-28	PMP-17-SI-E (10.5-11.0)	405098	4.29	1270412	5.66	530896	7.46
460-24277-29	PMP-18-VD-E (3.5-4)	408710	4.28	1380787	5.65	686261	7.45
460-24277-17	PMP-16-SI-E (10.5-11.0)	339097	4.28	1097816	5.66	556513	7.46
460-24277-22	PMP-28-VD-E (3-5)	371060	4.28	1234611	5.66	595300	7.45
460-24277-24	PMP-28-SI1-E (11-13)	338933	4.28	1118267	5.66	507082	7.46
460-24277-27	PMP-17-WT-E (8-8.5)	325812	4.29	1038599	5.67	423274	7.49
460-24277-30	PMP-18-WT-E (8-8.5)	368078	4.28	1142569	5.66	531577	7.48
460-24277-12	PMP-13-WT-E (7.5-8.0)	339800	4.28	1090089	5.66	445196	7.47
460-24277-12 MS	PMP-13-WT-E (7.5-8.0) MS	378014	4.29	1266782	5.67	488786	7.47
460-24277-12 MSD	PMP-13-WT-E (7.5-8.0) MSD	365836	4.29	1209208	5.67	461252	7.48
460-24277-23	PMP-28-WT-E (8-8.5)	314565	4.28	1026037	5.66	478322	7.46
460-24277-19	PMP-15-WT-E (7.5-8)	267198	4.29	885973	5.66	361756	7.47
460-24277-16	PMP-16-WT-E (8.0-8.5)	281923	4.28	946592	5.66	510464	7.45

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-69222/2 Date Analyzed: 03/30/2011 00:35

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p10100.d Heated Purge: (Y/N) N

Calibration ID: 9916

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		748225	8.92	542313	11.60	465524	13.42
UPPER LIMIT		1496450	9.42	1084626	12.10	931048	13.92
LOWER LIMIT		374113	8.42	271157	11.10	232762	12.92
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68871/2-A		700173	8.92	549855	11.60	493427	13.43
MB 460-68871/1-A		711966	8.91	496240	11.60	471675	13.42
460-24277-13	PMP-13-SI-E (15.5-16)	744766	8.91	513803	11.60	479219	13.42
460-24277-14	PMP-13-SD-E (23.5-24)	726616	8.91	480543	11.60	469212	13.42
460-24277-15	PMP-16-VD-E (3.5-4.0)	712116	8.92	507809	11.60	468505	13.42
460-24277-18	PMP-15VD-E (3.5-4)	825197	8.91	497693	11.60	480365	13.42
460-24277-20	PMP-15-SI-E (15.5-16)	808932	8.91	487036	11.60	479768	13.42
460-24277-21	PMP-15-SD-E (23.5-24.0)	676931	8.91	505766	11.60	462966	13.42
460-24277-25	PMP-28-SI2-E (15-17)	677675	8.91	508077	11.60	470020	13.42
460-24277-26	PMP-17-VD-E (3.5-4)	861702	8.91	618400	11.60	546062	13.42
460-24277-28	PMP-17-SI-E (10.5-11.0)	842197	8.92	647110	11.60	546975	13.42
460-24277-29	PMP-18-VD-E (3.5-4)	808118	8.92	582442	11.60	524261	13.42
460-24277-17	PMP-16-SI-E (10.5-11.0)	790480	8.92	623377	11.60	531873	13.42
460-24277-22	PMP-28-VD-E (3-5)	822618	8.92	657465	11.60	561439	13.42
460-24277-24	PMP-28-SI1-E (11-13)	777243	8.92	612440	11.60	522845	13.42
460-24277-27	PMP-17-WT-E (8-8.5)	707237	8.95	653936	11.60	565248	13.42
460-24277-30	PMP-18-WT-E (8-8.5)	825447	8.94	711901	11.60	617235	13.42
460-24277-12	PMP-13-WT-E (7.5-8.0)	740089	8.94	622892	11.60	534665	13.42
460-24277-12 MS	PMP-13-WT-E (7.5-8.0) MS	862096	8.94	633042	11.60	563032	13.42
460-24277-12 MSD	PMP-13-WT-E (7.5-8.0) MSD	752322	8.95	630311	11.60	547234	13.42
460-24277-23	PMP-28-WT-E (8-8.5)	742700	8.93	571432	11.60	487304	13.42
460-24277-19	PMP-15-WT-E (7.5-8)	633845	8.94	531172	11.60	463836	13.42
460-24277-16	PMP-16-WT-E (8.0-8.5)	683442	8.92	531957	11.60	455397	13.42

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-69101/2 Date Analyzed: 03/31/2011 02:39

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z15578.d Heated Purge: (Y/N) N

Calibration ID: 10213

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		315871	2.39	1127478	3.73	506433	5.50
UPPER LIMIT		631742	2.89	2254956	4.23	1012866	6.00
LOWER LIMIT		157936	1.89	563739	3.23	253217	5.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-69007/2-A		362508	2.39	1323018	3.72	628066	5.50
MB 460-69007/1-A		430770	2.38	1645272	3.72	839302	5.49
460-24279-F-1-B MS		395689	2.39	1420853	3.73	665410	5.50
460-24279-F-1-C MSD		398838	2.39	1423082	3.73	667543	5.50
460-24277-1	PMP-9-VD-E (3.5-4.0)	367910	2.38	1332470	3.72	651309	5.49

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-69101/2 Date Analyzed: 03/31/2011 02:39

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z15578.d Heated Purge: (Y/N) N

Calibration ID: 10213

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		633498	6.91	379236	9.43	253167	10.75
UPPER LIMIT		1266996	7.41	758472	9.93	506334	11.25
LOWER LIMIT		316749	6.41	189618	8.93	126584	10.25
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-69007/2-A		799142	6.92	530986	9.44	409177	10.75
MB 460-69007/1-A		1114383	6.91	709796	9.43	500795	10.74
460-24279-F-1-B MS		844282	6.92	552468	9.44	421699	10.75
460-24279-F-1-C MSD		848745	6.92	568395	9.44	447297	10.75
460-24277-1	PMP-9-VD-E (3.5-4.0)	801499	6.91	505998	9.43	392212	10.74

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-69325/2 Date Analyzed: 04/01/2011 15:52

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z15641.d Heated Purge: (Y/N) N

Calibration ID: 10213

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		313753	2.35	1098966	3.68	507810	5.45
UPPER LIMIT		627506	2.85	2197932	4.18	1015620	5.95
LOWER LIMIT		156877	1.85	549483	3.18	253905	4.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-24277-31	PMP-18-SI-E (10.5-11)	384886	2.34	1367765	3.68	598441	5.47
460-24277-6	DUP-031711 (10.5-11)	386918	2.35	1353181	3.69	558477	5.47
460-24277-3	PMP-9-SIE (10.5-11)	367285	2.34	1352718	3.67	634689	5.45
460-24277-4	DUP-031711 (3.5-4)	371890	2.34	1334921	3.67	558558	5.46

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-69325/2 Date Analyzed: 04/01/2011 15:52

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z15641.d Heated Purge: (Y/N) N

Calibration ID: 10213

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		621536	6.86	353760	9.39	236547	10.69
UPPER LIMIT		1243072	7.36	707520	9.89	473094	11.19
LOWER LIMIT		310768	6.36	176880	8.89	118274	10.19
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-24277-31	PMP-18-SI-E (10.5-11)	827103	6.88	619285	9.38	468342	10.69
460-24277-6	DUP-031711 (10.5-11)	794418	6.89	553290	9.39	432709	10.69
460-24277-3	PMP-9-SIE (10.5-11)	838695	6.87	550577	9.39	392730	10.69
460-24277-4	DUP-031711 (3.5-4)	690051	6.87	499352	9.39	388116	10.69

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-68940/2 Date Analyzed: 03/30/2011 04:01

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u66358.d Heated Purge: (Y/N) N

Calibration ID: 10194

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		188162	3.08	601374	4.41	447339	6.16
UPPER LIMIT		376324	3.58	1202748	4.91	894678	6.66
LOWER LIMIT		94081	2.58	300687	3.91	223670	5.66
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68798/2-A		210070	3.08	652238	4.41	515807	6.16
MB 460-68798/1-A		153919	3.08	498551	4.40	354708	6.15
460-24277-9	PMP-10-ST1-E (15-15.5)	201881	3.08	588299	4.40	439250	6.16
460-24277-10	PMP-10-ST2-E (23.5-24)	192272	3.07	641144	4.40	477943	6.15
460-24277-11	PMP-13-VD-E (3.5-4)	184267	3.08	618484	4.40	441484	6.15
460-24277-7 MS	PMP-10-VD-E (3.5-4.0) MS	167728	3.09	538119	4.41	430573	6.16
460-24277-7 MSD	PMP-10-VD-E (3.5-4.0) MSD	180776	3.09	561898	4.41	445784	6.16
460-24277-7	PMP-10-VD-E (3.5-4.0)	204934	3.08	680962	4.40	496335	6.15
460-24277-8	PMP-10-WT-E (7.5-8.0)	209587	3.09	621925	4.42	745548	6.19

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-68940/2 Date Analyzed: 03/30/2011 04:01

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u66358.d Heated Purge: (Y/N) N

Calibration ID: 10194

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		596939	7.59	466636	10.15	272491	11.66
UPPER LIMIT		1193878	8.09	933272	10.65	544982	12.16
LOWER LIMIT		298470	7.09	233318	9.65	136246	11.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68798/2-A		738094	7.60	650617	10.15	356005	11.66
MB 460-68798/1-A		551393	7.59	627833	10.13	438212	11.65
460-24277-9	PMP-10-ST1-E (15-15.5)	724693	7.60	589343	10.14	400916	11.65
460-24277-10	PMP-10-ST2-E (23.5-24)	675719	7.58	653399	10.14	439431	11.66
460-24277-11	PMP-13-VD-E (3.5-4)	713788	7.58	671268	10.14	404692	11.66
460-24277-7 MS	PMP-10-VD-E (3.5-4.0) MS	591641	7.60	431690	10.14	257988	11.66
460-24277-7 MSD	PMP-10-VD-E (3.5-4.0) MSD	644447	7.60	444780	10.14	256481	11.66
460-24277-7	PMP-10-VD-E (3.5-4.0)	714633	7.59	536002	10.14	319349	11.66
460-24277-8	PMP-10-WT-E (7.5-8.0)	935158	7.63	422997	10.14	311528	11.66

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-69541/2 Date Analyzed: 04/03/2011 19:45

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u66441.d Heated Purge: (Y/N) N

Calibration ID: 10376

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		194421	4.38	694566	5.67	405662	7.42
UPPER LIMIT		388842	4.88	1389132	6.17	811324	7.92
LOWER LIMIT		97211	3.88	347283	5.17	202831	6.92
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-24277-5	DUP-031711 (8-8.5)	197300	4.38	548137	5.66	280208	7.42
460-24277-2	PMP-9-WT-E (8-8.5)	198459	4.37	505442	5.66	217766	7.43

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVIS 460-69541/2 Date Analyzed: 04/03/2011 19:45

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u66441.d Heated Purge: (Y/N) N

Calibration ID: 10376

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		492796	8.88	291352	11.64	256229	13.53
UPPER LIMIT		985592	9.38	582704	12.14	512458	14.03
LOWER LIMIT		246398	8.38	145676	11.14	128115	13.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-24277-5	DUP-031711 (8-8.5)	343092	8.88	370527	11.62	286885	13.52
460-24277-2	PMP-9-WT-E (8-8.5)	304189	8.89	356613	11.62	295282	13.52

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-1

Matrix: Solid | Lab File ID: z15591.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:55

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.04(g) | Date Analyzed: 03/31/2011 07:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	50
106-44-5	4-Methylphenol	340	U	340	57
100-52-7	Benzaldehyde	340	U	340	22
98-86-2	Acetophenone	340	U	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.6
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U	340	40
88-75-5	2-Nitrophenol	340	U	340	57
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	340	U	340	50
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	70	U	70	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	58
91-57-6	2-Methylnaphthalene	340	U *	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	62
95-95-4	2,4,5-Trichlorophenol	340	U	340	66
92-52-4	Diphenyl	340	U	340	57
91-58-7	2-Chloronaphthalene	340	U	340	49
88-74-4	2-Nitroaniline	700	U	700	94
606-20-2	2,6-Dinitrotoluene	70	U	70	8.8
131-11-3	Dimethyl phthalate	340	U	340	47
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	700	U	700	78
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-1

Matrix: Solid | Lab File ID: z15591.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:55

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.04(g) | Date Analyzed: 03/31/2011 07:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	89
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	52
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	53
121-14-2	2,4-Dinitrotoluene	70	U	70	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	700	U *	700	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	340	U	340	61
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	61
86-74-8	Carbazole	340	U	340	55
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	60
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U	34	4.2
56-55-3	Benzo[a]anthracene	34	U	34	6.4
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	46
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.2
91-94-1	3,3'-Dichlorobenzidine	700	U	700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) Lab Sample ID: 460-24277-1

Matrix: Solid Lab File ID: z15591.d

Analysis Method: 8270C Date Collected: 03/17/2011 13:55

Extract. Method: 3541 Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 07:30

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	76		10-120
367-12-4	2-Fluorophenol	75		37-125
321-60-8	2-Fluorobiphenyl	77		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) Lab Sample ID: 460-24277-1

Matrix: Solid Lab File ID: z15591.d

Analysis Method: 8270C Date Collected: 03/17/2011 13:55

Extract. Method: 3541 Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 07:30

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15591.d
Report Date: 31-Mar-2011 13:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15591.d
Lab Smp Id: 460-24277-F-1-G Client Smp ID: PMP-9-VD-E (3.5-4.0
Inj Date : 31-MAR-2011 07:30
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24277-F-1-G
Misc Info : 460-24277-F-1-G
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	4.36681	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.351	1.322	(0.568)	860253	75.1800	5200
$ 17 Phenol-d5 (SUR)	99	2.140	2.151	(0.899)	1021482	76.5176	5300
* 79 1,4-Dichlorobenzene-d4	152	2.381	2.387	(1.000)	367910	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	2.957	2.975	(0.796)	554013	39.6875	2800
* 80 Naphthalene-d8	136	3.716	3.728	(1.000)	1332470	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.881	4.887	(0.889)	984252	38.5414	2700
* 82 Acenaphthene-d10	164	5.492	5.498	(1.000)	651309	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.263	6.269	(1.140)	206231	75.9311	5300
* 83 Phenanthrene-d10	188	6.910	6.910	(1.000)	801499	40.0000	
$ 78 Terphenyl-d14	244	8.492	8.492	(0.900)	580727	42.5455	3000
* 81 Chrysene-d12	240	9.433	9.433	(1.000)	505998	40.0000	
* 84 Perylene-d12	264	10.745	10.745	(1.000)	392212	40.0000	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15591.d
Report Date: 31-Mar-2011 13:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15591.d
Lab Smp Id: 460-24277-F-1-G Client Smp ID: PMP-9-VD-E (3.5-4.0
Inj Date : 31-MAR-2011 07:30
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24277-F-1-G
Misc Info : 460-24277-F-1-G
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

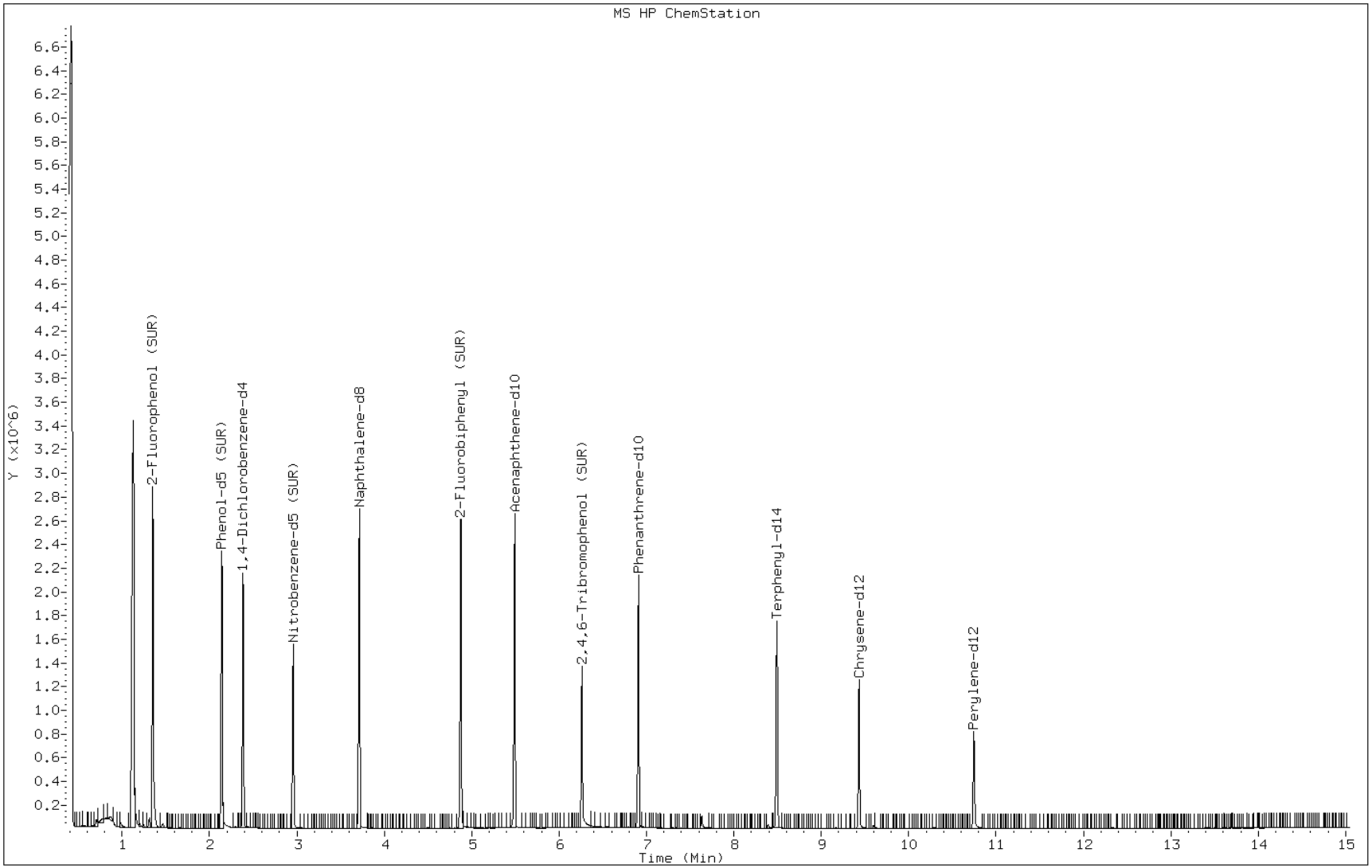
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z15591.d

Date: 31-MAR-2011 07:30

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: BNAMS11.i

Sample Info: 460-24277-F-1-G Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-WT-E (8-8.5) | Lab Sample ID: 460-24277-2

Matrix: Solid | Lab File ID: u66449.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:57

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.96(g) | Date Analyzed: 04/03/2011 22:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1900	U	1900	230
95-57-8	2-Chlorophenol	1900	U	1900	250
95-48-7	2-Methylphenol	1900	U	1900	270
106-44-5	4-Methylphenol	1900	U	1900	310
100-52-7	Benzaldehyde	1900	U	1900	120
98-86-2	Acetophenone	1900	U	1900	280
111-44-4	Bis(2-chloroethyl)ether	190	U	190	39
108-60-1	2,2'-oxybis[1-chloropropane]	1900	U	1900	250
621-64-7	N-Nitrosodi-n-propylamine	190	U	190	25
98-95-3	Nitrobenzene	190	U	190	42
67-72-1	Hexachloroethane	190	U	190	32
78-59-1	Isophorone	1900	U	1900	220
88-75-5	2-Nitrophenol	1900	U	1900	310
105-67-9	2,4-Dimethylphenol	1900	U	1900	300
120-83-2	2,4-Dichlorophenol	1900	U	1900	300
111-91-1	Bis(2-chloroethoxy)methane	1900	U	1900	270
91-20-3	Naphthalene	1900	U	1900	280
106-47-8	4-Chloroaniline	1900	U	1900	240
87-68-3	Hexachlorobutadiene	380	U	380	77
105-60-2	Caprolactam	1900	U	1900	260
59-50-7	4-Chloro-3-methylphenol	1900	U	1900	320
91-57-6	2-Methylnaphthalene	14000	*	1900	280
118-74-1	Hexachlorobenzene	190	U	190	26
77-47-4	Hexachlorocyclopentadiene	1900	U	1900	550
88-06-2	2,4,6-Trichlorophenol	1900	U	1900	340
95-95-4	2,4,5-Trichlorophenol	1900	U	1900	360
92-52-4	Diphenyl	2000		1900	310
91-58-7	2-Chloronaphthalene	1900	U	1900	270
88-74-4	2-Nitroaniline	3800	U	3800	520
606-20-2	2,6-Dinitrotoluene	380	U	380	48
131-11-3	Dimethyl phthalate	1900	U	1900	260
208-96-8	Acenaphthylene	1900	U	1900	270
99-09-2	3-Nitroaniline	3800	U	3800	430
83-32-9	Acenaphthene	1900	U	1900	270

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-WT-E (8-8.5) | Lab Sample ID: 460-24277-2

Matrix: Solid | Lab File ID: u66449.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:57

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.96(g) | Date Analyzed: 04/03/2011 22:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5700	U	5700	490
51-28-5	2,4-Dinitrophenol	5700	U	5700	400
132-64-9	Dibenzofuran	1900	U	1900	280
84-66-2	Diethyl phthalate	1900	U	1900	250
86-73-7	Fluorene	2500		1900	320
206-44-0	Fluoranthene	1900	U	1900	320
84-74-2	Di-n-butyl phthalate	1900	U	1900	290
121-14-2	2,4-Dinitrotoluene	380	U	380	55
7005-72-3	4-Chlorophenyl phenyl ether	1900	U	1900	330
100-01-6	4-Nitroaniline	3800	U *	3800	390
534-52-1	4,6-Dinitro-2-methylphenol	5700	U	5700	910
101-55-3	4-Bromophenyl phenyl ether	1900	U	1900	340
1912-24-9	Atrazine	1900	U	1900	350
120-12-7	Anthracene	1900	U	1900	330
86-74-8	Carbazole	1900	U	1900	300
85-01-8	Phenanthrene	4400		1900	330
87-86-5	Pentachlorophenol	5700	U	5700	930
129-00-0	Pyrene	1900	U	1900	330
218-01-9	Chrysene	1900	U	1900	280
207-08-9	Benzo[k]fluoranthene	190	U	190	27
191-24-2	Benzo[g,h,i]perylene	1900	U	1900	200
205-99-2	Benzo[b]fluoranthene	190	U	190	28
50-32-8	Benzo[a]pyrene	190	U	190	23
56-55-3	Benzo[a]anthracene	190	U	190	35
86-30-6	N-Nitrosodiphenylamine	1900	U	1900	310
85-68-7	Butyl benzyl phthalate	1900	U	1900	220
117-81-7	Bis(2-ethylhexyl) phthalate	1900	U	1900	250
117-84-0	Di-n-octyl phthalate	1900	U	1900	230
193-39-5	Indeno[1,2,3-cd]pyrene	190	U	190	30
53-70-3	Dibenz(a,h)anthracene	190	U	190	23
91-94-1	3,3'-Dichlorobenzidine	3800	U	3800	420
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	250
58-90-2	2,3,4,6-Tetrachlorophenol	1900	U	1900	380

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-WT-E (8-8.5) Lab Sample ID: 460-24277-2

Matrix: Solid Lab File ID: u66449.d

Analysis Method: 8270C Date Collected: 03/17/2011 13:57

Extract. Method: 3541 Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.96(g) Date Analyzed: 04/03/2011 22:39

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69541 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	144	X	38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	71		16-151
118-79-6	2,4,6-Tribromophenol	77		10-120
367-12-4	2-Fluorophenol	80		37-125
321-60-8	2-Fluorobiphenyl	103		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-WT-E (8-8.5) | Lab Sample ID: 460-24277-2

Matrix: Solid | Lab File ID: u66449.d

Analysis Method: 8270C | Date Collected: 03/17/2011 13:57

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.96(g) | Date Analyzed: 04/03/2011 22:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69541 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 1.487e+006

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.00	34000	J
	Unknown Alkane-2	5.69	65000	J
	Unknown Alkane-3	5.77	24000	J
	Unknown Alkane-4	6.14	38000	J
	Unknown Alkane-5	6.31	55000	J
	Unknown Alkane-6	6.74	70000	J
	Unknown Alkane-7	6.89	160000	J
575-41-7	1,3-Dimethylnaphthalene	7.10	33000	
	Unknown Alkane-8	7.13	42000	J
	Unknown Alkane-9	7.20	120000	J
	Unknown Alkane-10	7.41	140000	J
	Unknown-1	7.71	47000	J
	Unknown Alkane-11	7.90	110000	J
	Unknown Alkane-12	8.10	86000	J
	Unknown Alkane-13	8.36	150000	J
	Unknown-2	8.38	59000	J
593-45-3	n-Octadecane	8.79	98000	E
	Trichloro-1,1-biphenyl isomer	8.82	48000	J
	Unknown Alkane-14	9.20	67000	J
	Unknown Alkane-15	9.59	41000	J

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66449.d
Report Date: 05-Apr-2011 15:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66449.d
Lab Smp Id: 460-24277-F-2-C Client Smp ID: PMP-9-WT-E (8-8.5)
Inj Date : 03-APR-2011 22:39
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-2-C
Misc Info : 460-24277-F-2-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:49 croccom Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 9
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.96000	Weight of sample extracted (g)
M	12.50000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.076	3.077	(0.703)	167652	16.0860	6100
$ 17 Phenol-d5 (SUR)	99	3.996	4.019	(0.914)	198649	16.4814	6300
113 n-decane	43	4.225	4.226	(0.966)	243674	26.0316	9900
* 79 1,4-Dichlorobenzene-d4	152	4.374	4.381	(1.000)	198459	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.925	4.949	(0.870)	80618	14.4018	5500(R)
30 1,2,4-Trichlorobenzene	180	5.610	5.614	(0.991)	20364	4.94488	1900
* 80 Naphthalene-d8	136	5.662	5.666	(1.000)	505442	40.0000	
34 2-Methylnaphthalene	142	6.390	6.379	(1.128)	327200	37.0173	14000
120 1-Methylnaphthalene	142	6.486	6.481	(1.145)	253719	30.3810	12000
$ 77 2-Fluorobiphenyl (SUR)	172	6.753	6.754	(0.909)	74908	10.3285	3900
102 Diphenyl	154	6.849	6.849	(0.922)	39451	5.22102	2000
125 1,3-Dimethylnaphthalene	156	7.097	7.086	(0.955)	454453	86.6204	33000
* 82 Acenaphthene-d10	164	7.431	7.420	(1.000)	217766	40.0000	

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66449.d
Report Date: 05-Apr-2011 15:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	47 Fluorene	166	7.965	7.960	(1.072)	38453	6.44173	2500(H)
$	18 2,4,6-Tribromophenol (SUR)	330	8.202	8.199	(1.104)	16888	15.3240	5800
	115 n-Octadecane	57	8.794	8.781	(0.989)	854339	255.785	98000(A)
*	83 Phenanthrene-d10	188	8.891	8.883	(1.000)	304189	40.0000	
	52 Phenanthrene	178	8.912	8.905	(1.002)	103241	11.6108	4400
	57 Pyrene	202	10.283	10.288	(0.885)	7402	0.56380	220(a)
$	78 Terphenyl-d14	244	10.439	10.442	(0.898)	68154	7.06036	2700
*	81 Chrysene-d12	240	11.620	11.636	(1.000)	356613	40.0000	
*	84 Perylene-d12	264	13.518	13.528	(1.000)	295282	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66449.d
Report Date: 05-Apr-2011 15:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66449.d
Lab Smp Id: 460-24277-F-2-C Client Smp ID: PMP-9-WT-E (8-8.5)
Inj Date : 03-APR-2011 22:39
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-2-C
Misc Info : 460-24277-F-2-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:49 croccom Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 9
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.96000	Weight of sample extracted (g)
M	12.50000	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	4.374	1510607	40.000
* 83 Phenanthrene-d10	8.891	657220	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
5.000	3333619	88.2722962	34000	0		0	79

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66449.d
Report Date: 05-Apr-2011 15:25

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2				CAS #:			
5.693	6419233	169.977553	65000	0		0	79
Unknown Alkane-3				CAS #:			
5.765	2347944	62.1721888	24000	0		0	79
Unknown Cycloalkane-1				CAS #:			
5.979	1816718	48.1056317	18000	0		0	79
Unknown Alkane-4				CAS #:			
6.136	3791690	100.401764	38000	0		0	79
Unknown Alkane-5				CAS #:			
6.308	5463013	144.657404	55000	0		0	79
Unknown Cycloalkane-2				CAS #:			
6.605	2334667	61.8206382	24000	0		0	79
Unknown Alkane-6				CAS #:			
6.739	3025715	184.152305	70000	0		0	83
Unknown Alkane-7				CAS #:			
6.886	7025678	427.599662	160000	0		0	83
Unknown Alkane-8				CAS #:			
7.125	1824418	111.038502	42000	0		0	83
Unknown Alkane-9				CAS #:			
7.195	5207667	316.951132	120000	0		0	83
Unknown Alkane-10				CAS #:			
7.410	6190503	376.768909	140000	0		0	83
Unknown-1				CAS #:			
7.708	2036131	123.923829	47000	0		0	83
Unknown Alkane-11				CAS #:			
7.903	4772902	290.490331	110000	0		0	83
Unknown Alkane-12				CAS #:			
8.104	3679990	223.973059	86000	0		0	83
Unknown Alkane-13				CAS #:			
8.362	6326084	385.020728	150000	0		0	83

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66449.d
Report Date: 05-Apr-2011 15:25

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-2					CAS #:		
8.383	2558188	155.697468	59000	0		0	83
Trichloro-1,1-biphenyl isomer					CAS #:		
8.822	2076511	126.381449	48000	0		0	83
Unknown Alkane-14					CAS #:		
9.204	2885620	175.625756	67000	0		0	83
Unknown Alkane-15					CAS #:		
9.594	1771837	107.838250	41000	0		0	83

Data File: u66449.d

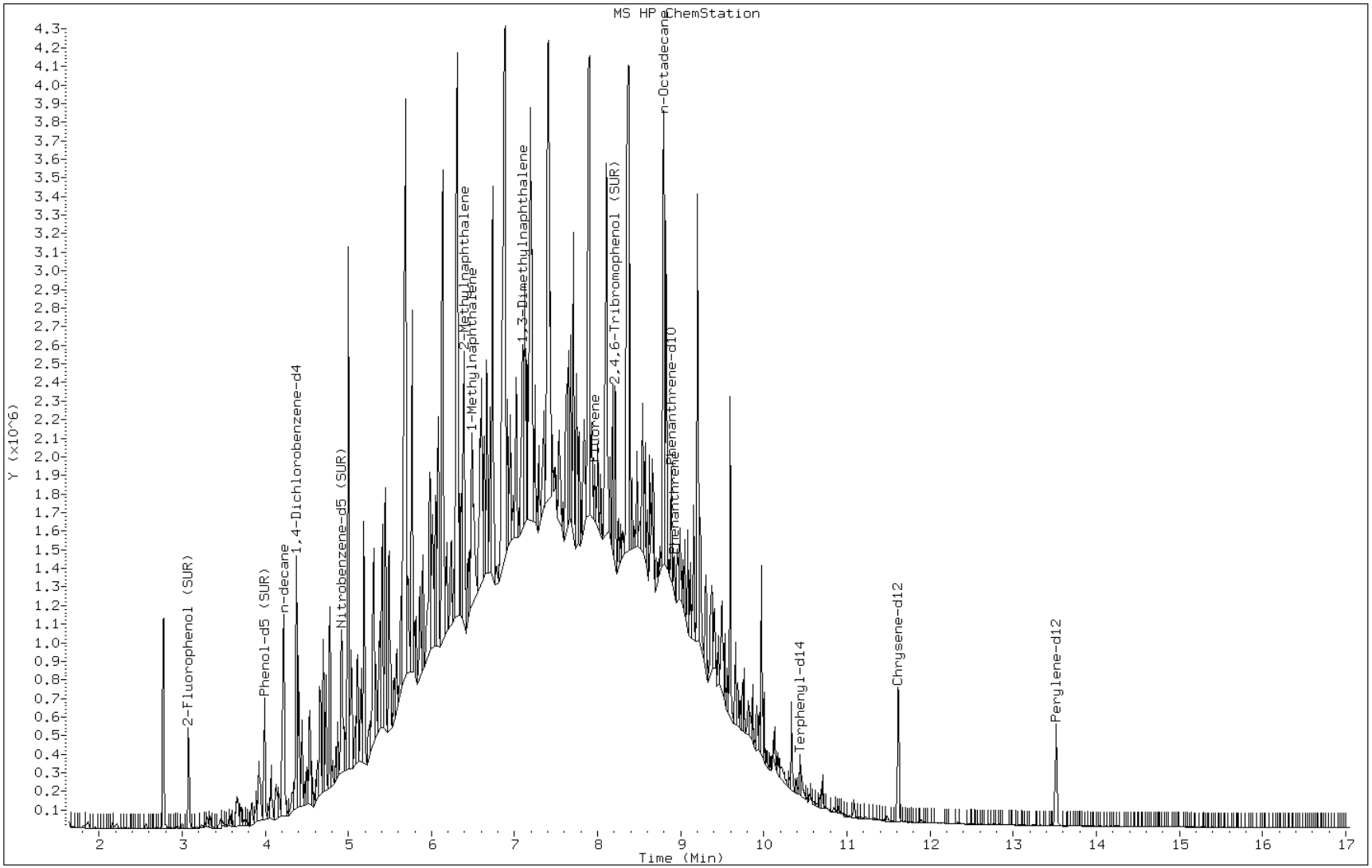
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5)

Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C

Operator: BNAMS 4



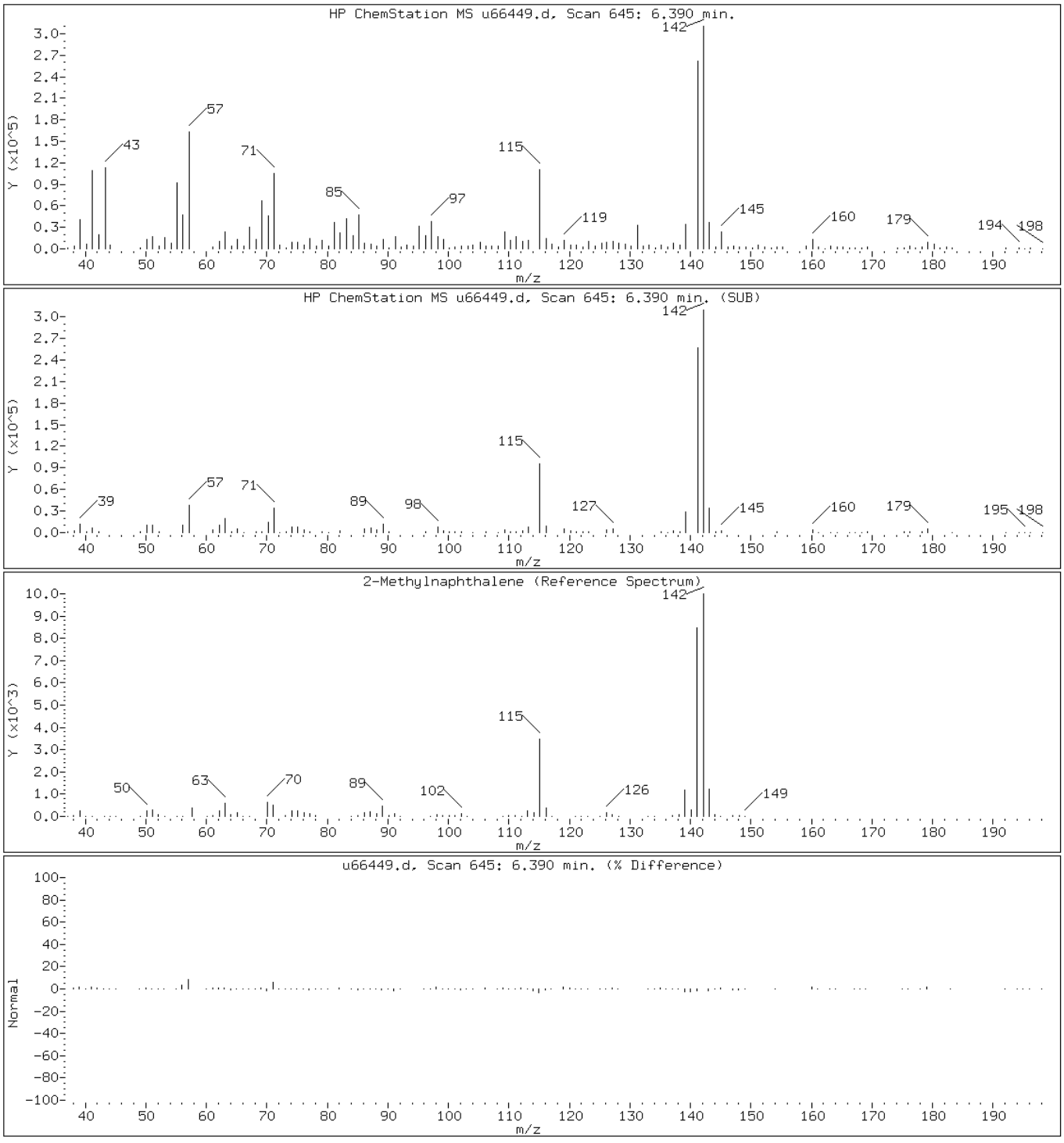
Data File: u66449.d

Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

34 2-Methylnaphthalene



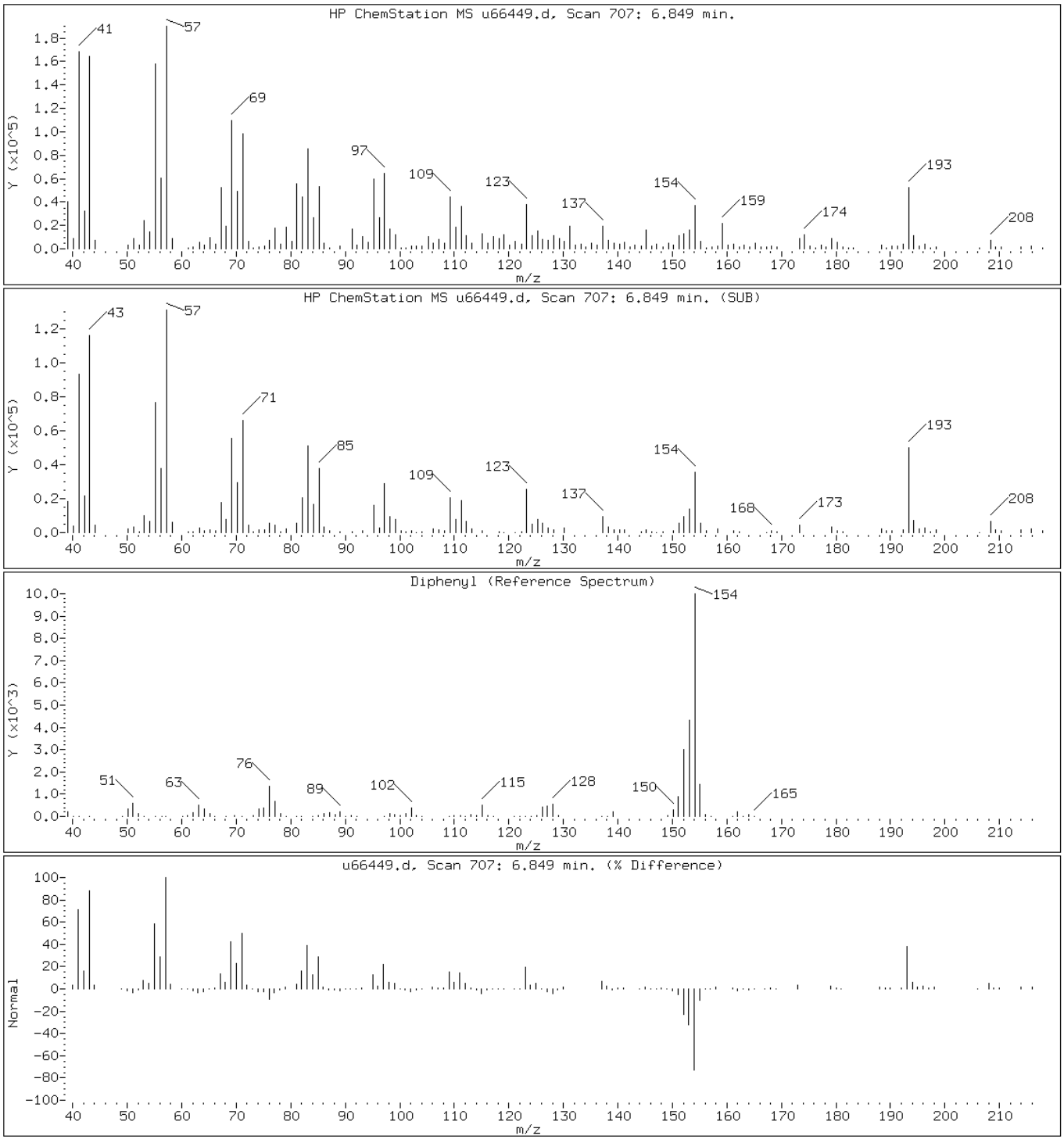
Data File: u66449.d

Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

102 Diphenyl



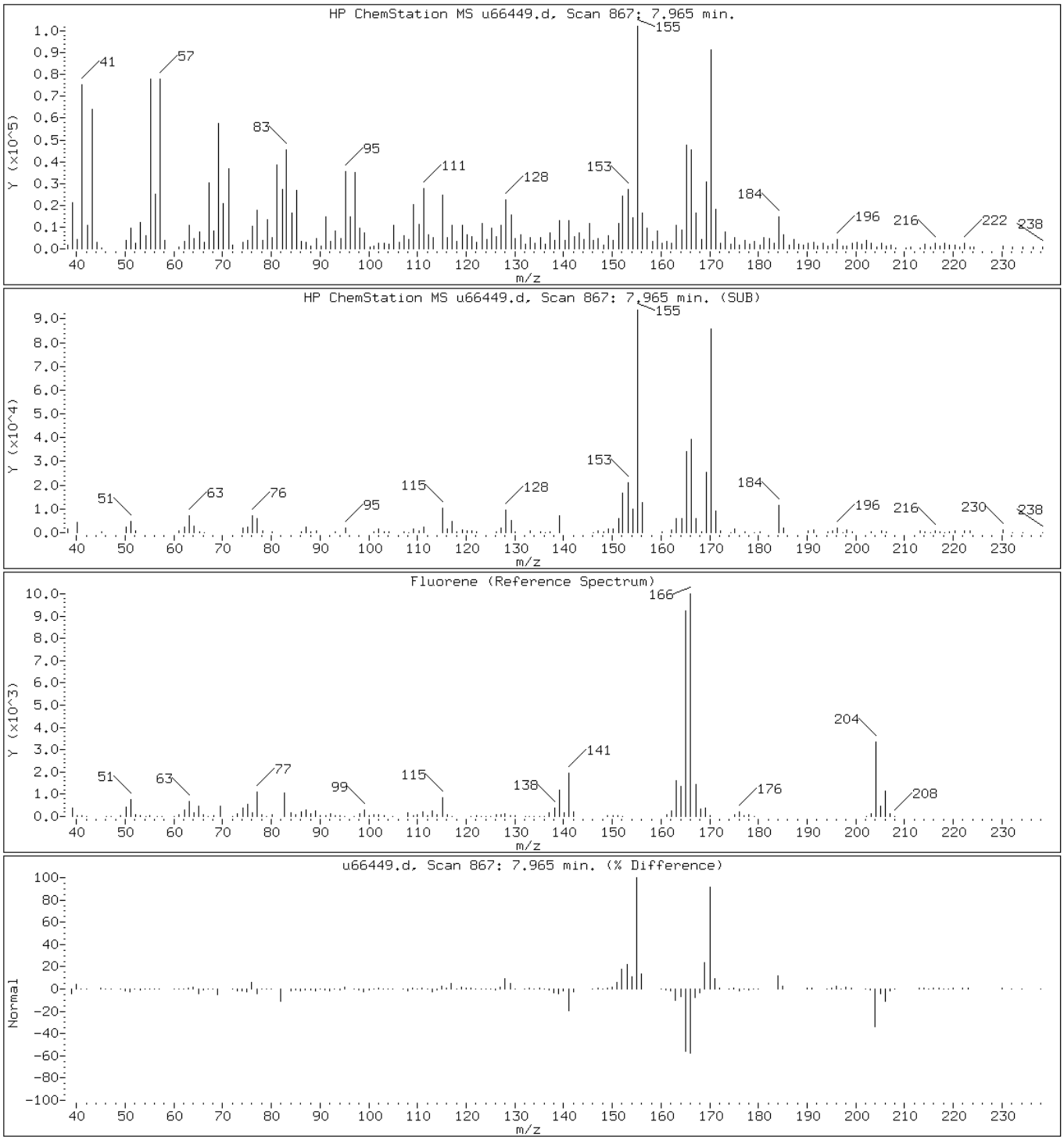
Data File: u66449.d

Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

47 Fluorene



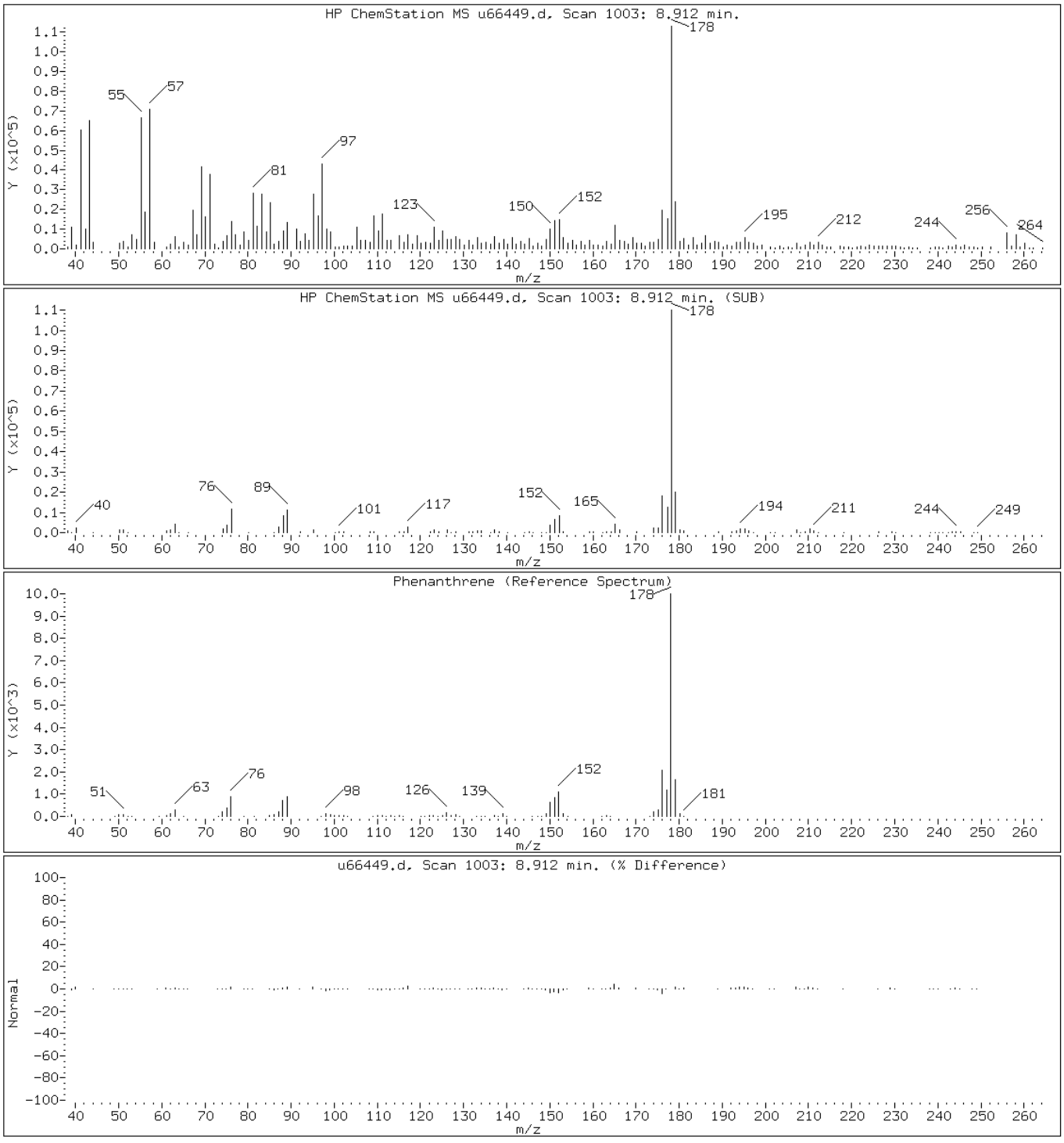
Data File: u66449.d

Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

52 Phenanthrene



Data File: u66449.d

Date: 03-APR-2011 22:39

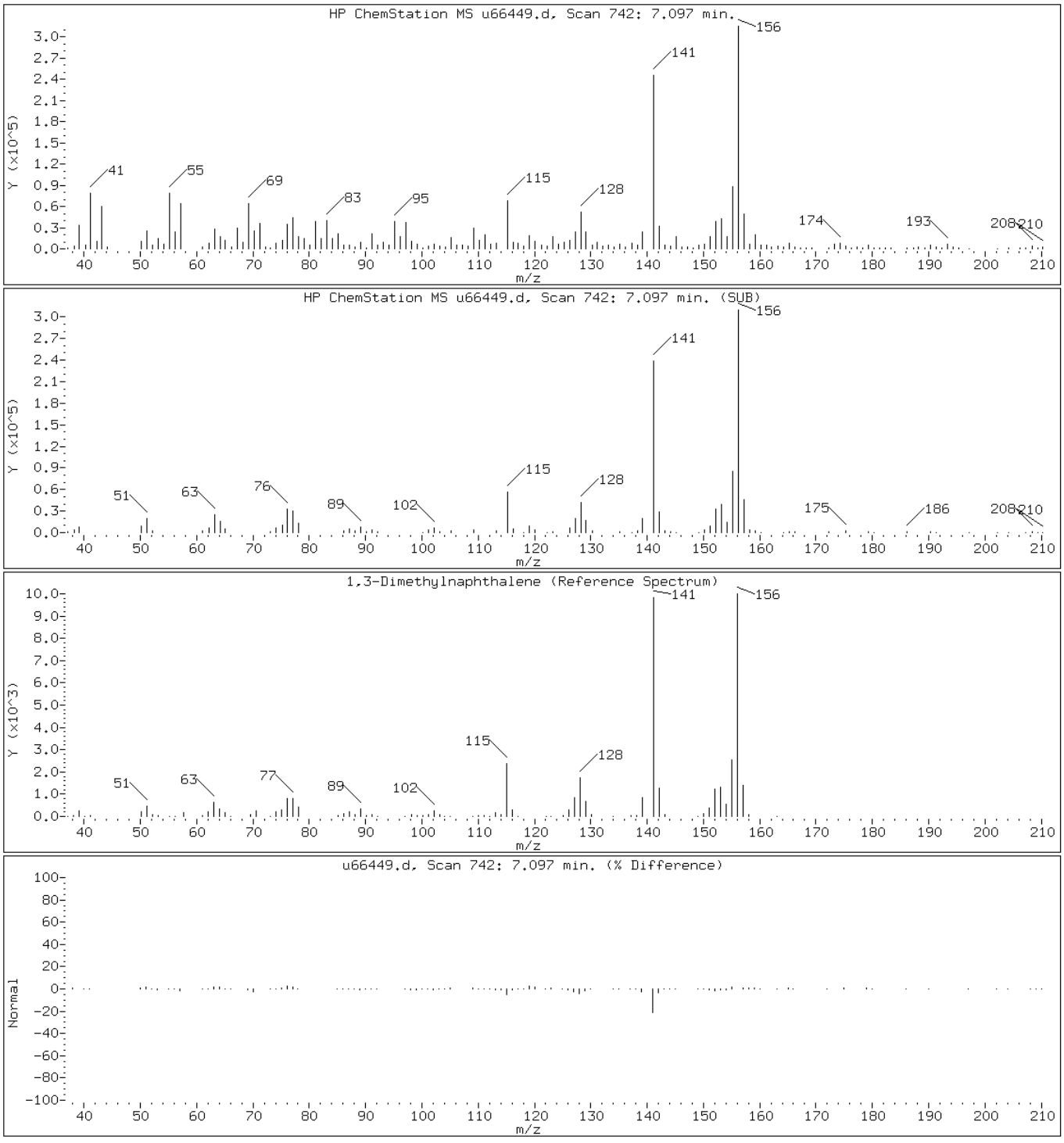
Client ID: PMP-9-WT-E (8-8.5)

Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C

Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



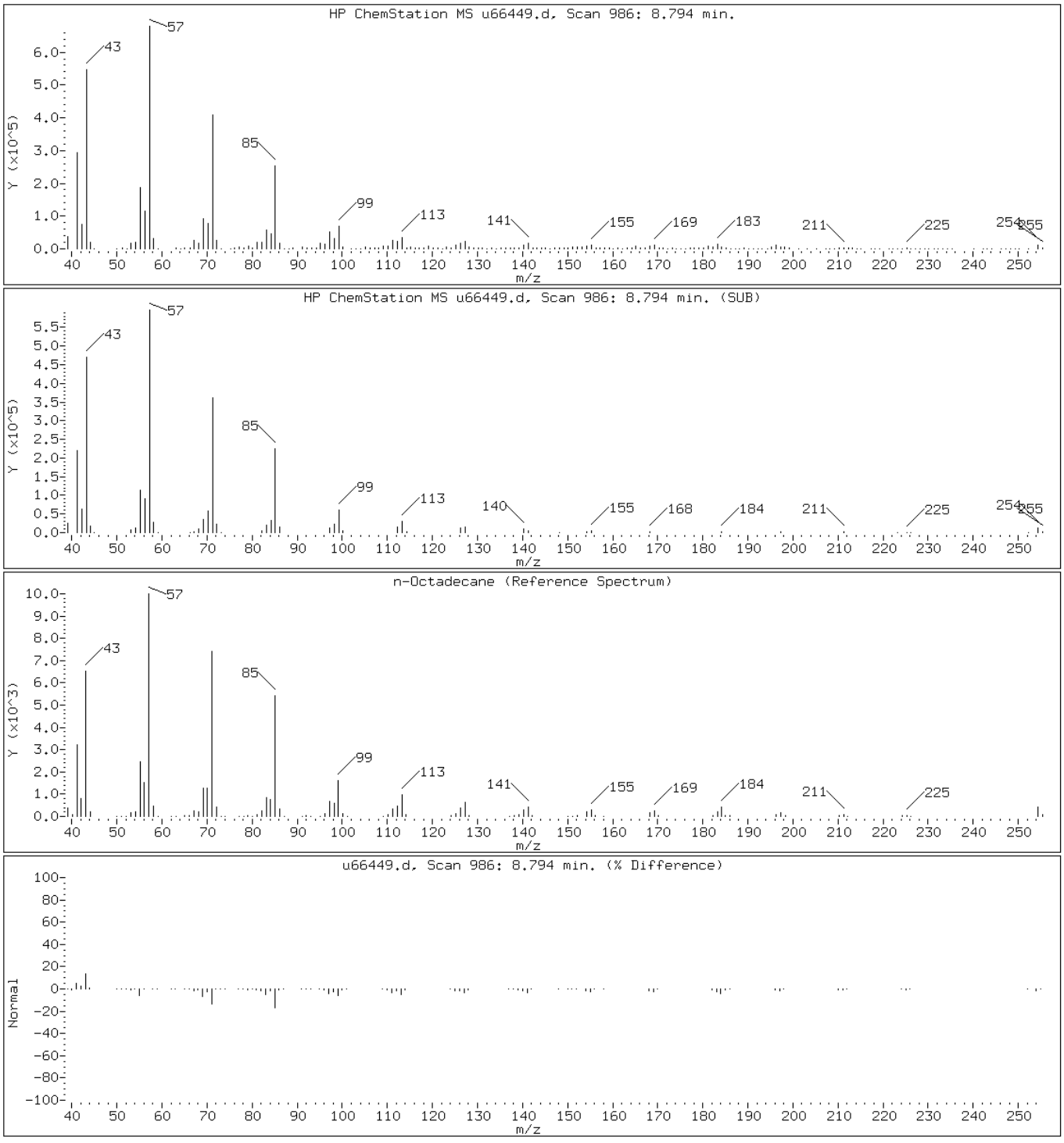
Data File: u66449.d

Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

115 n-Octadecane



Data File: u66449.d

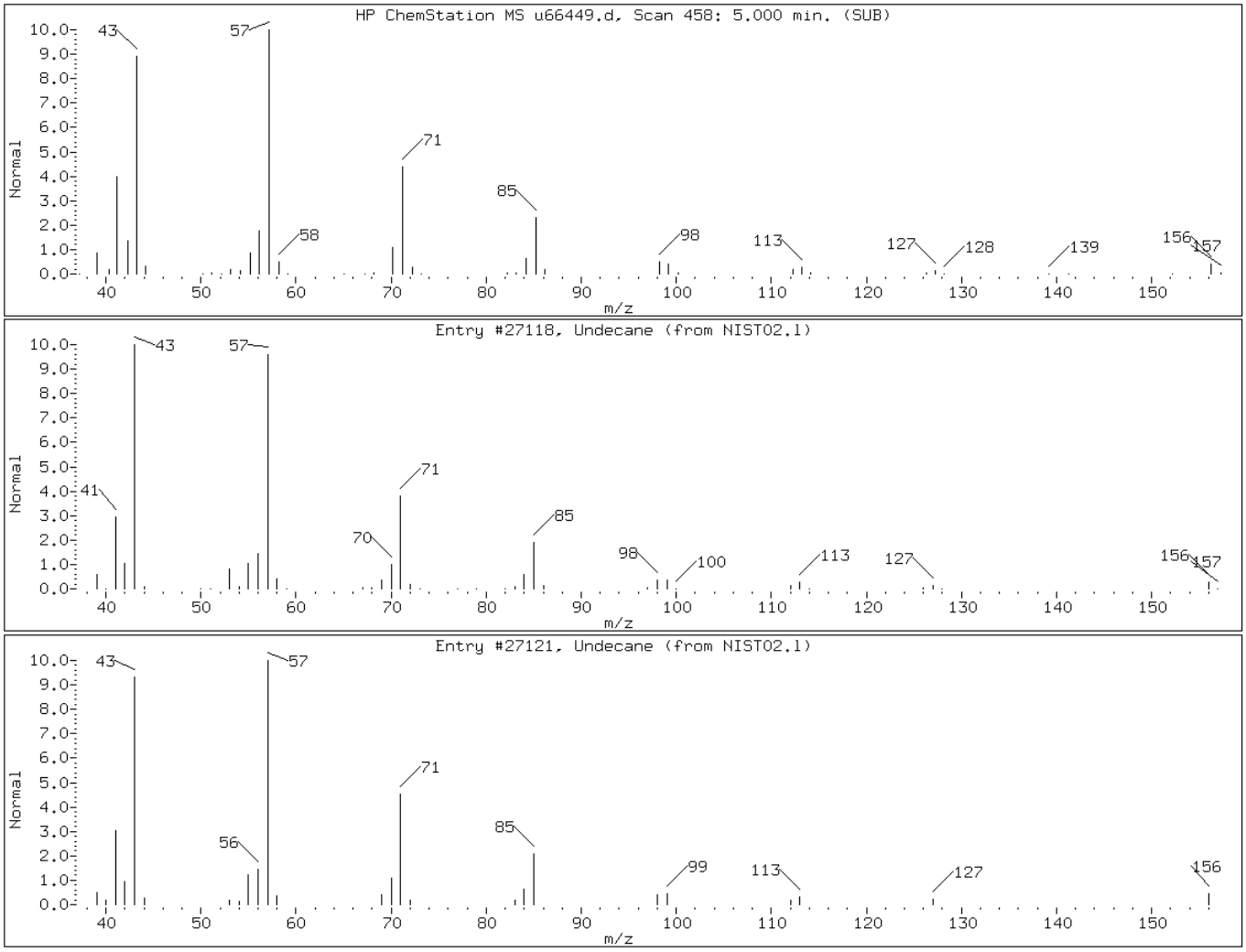
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 5.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane	1120-21-4	NIST02.l	27118	97	C11H24	156
Undecane	1120-21-4	NIST02.l	27121	94	C11H24	156



Data File: u66449.d

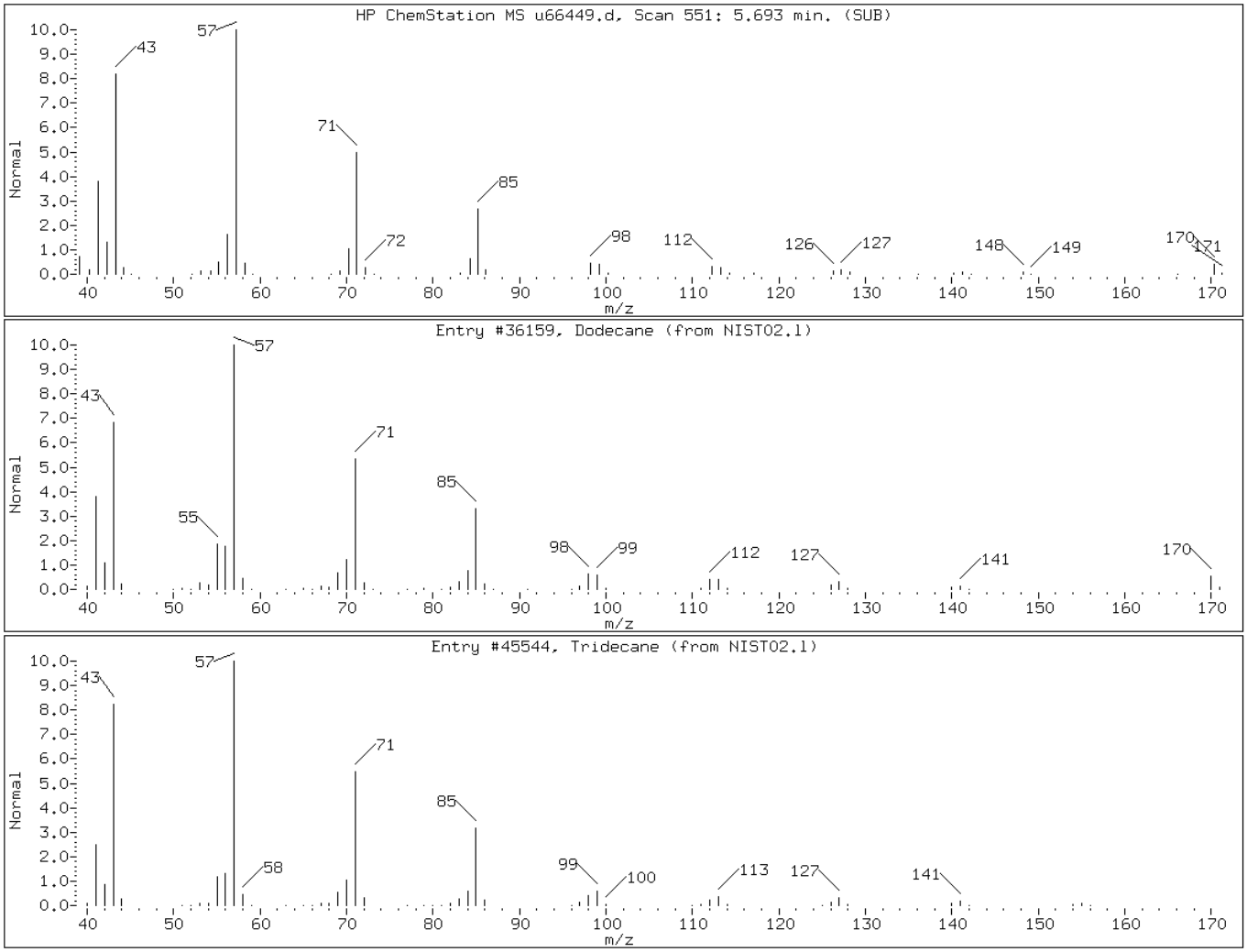
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 5.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane	112-40-3	NIST02.l	36159	93	C12H26	170
Tridecane	629-50-5	NIST02.l	45544	90	C13H28	184



Data File: u66449.d

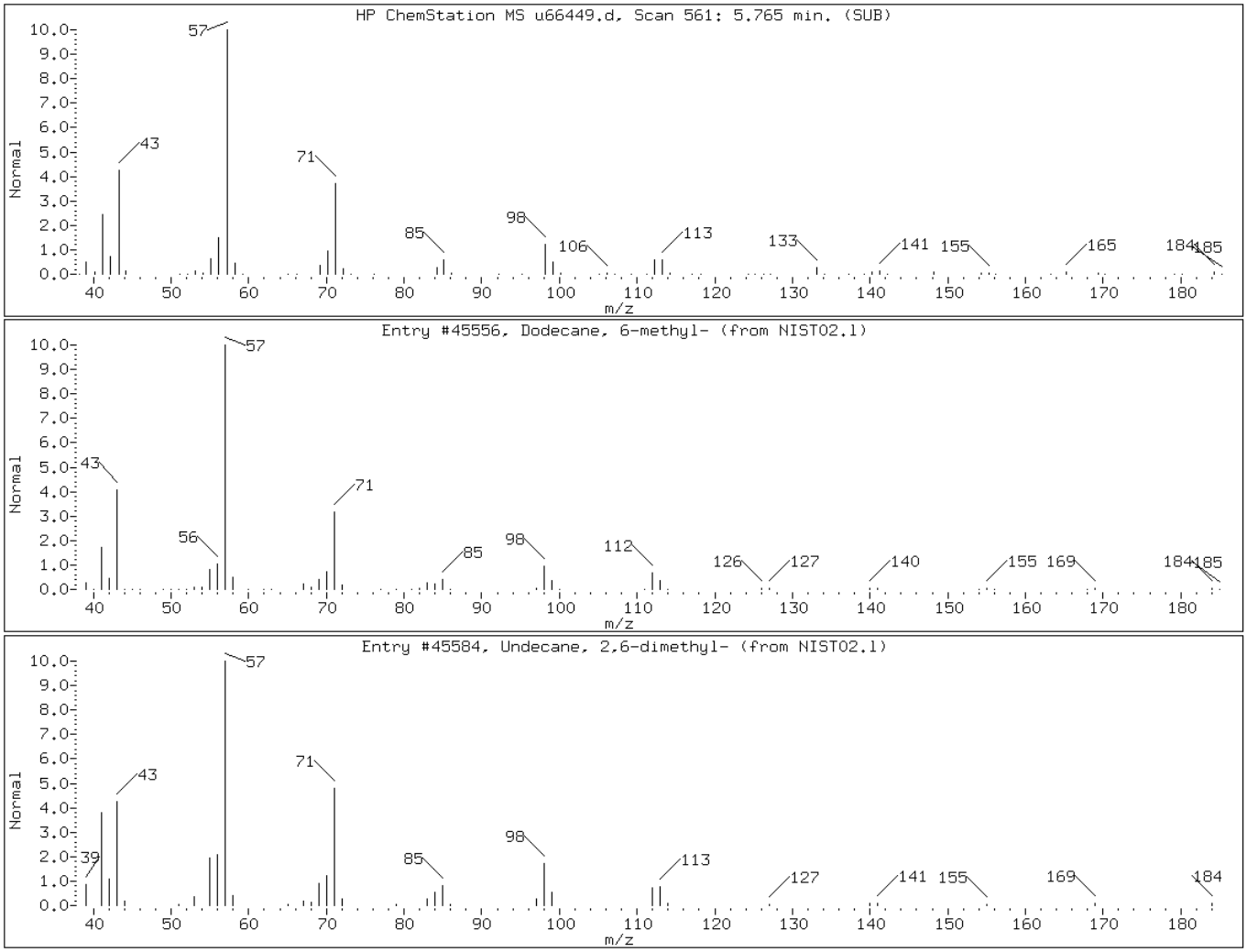
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 5.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 6-methyl-	6044-71-9	NIST02.l	45556	95	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	94	C13H28	184



Data File: u66449.d

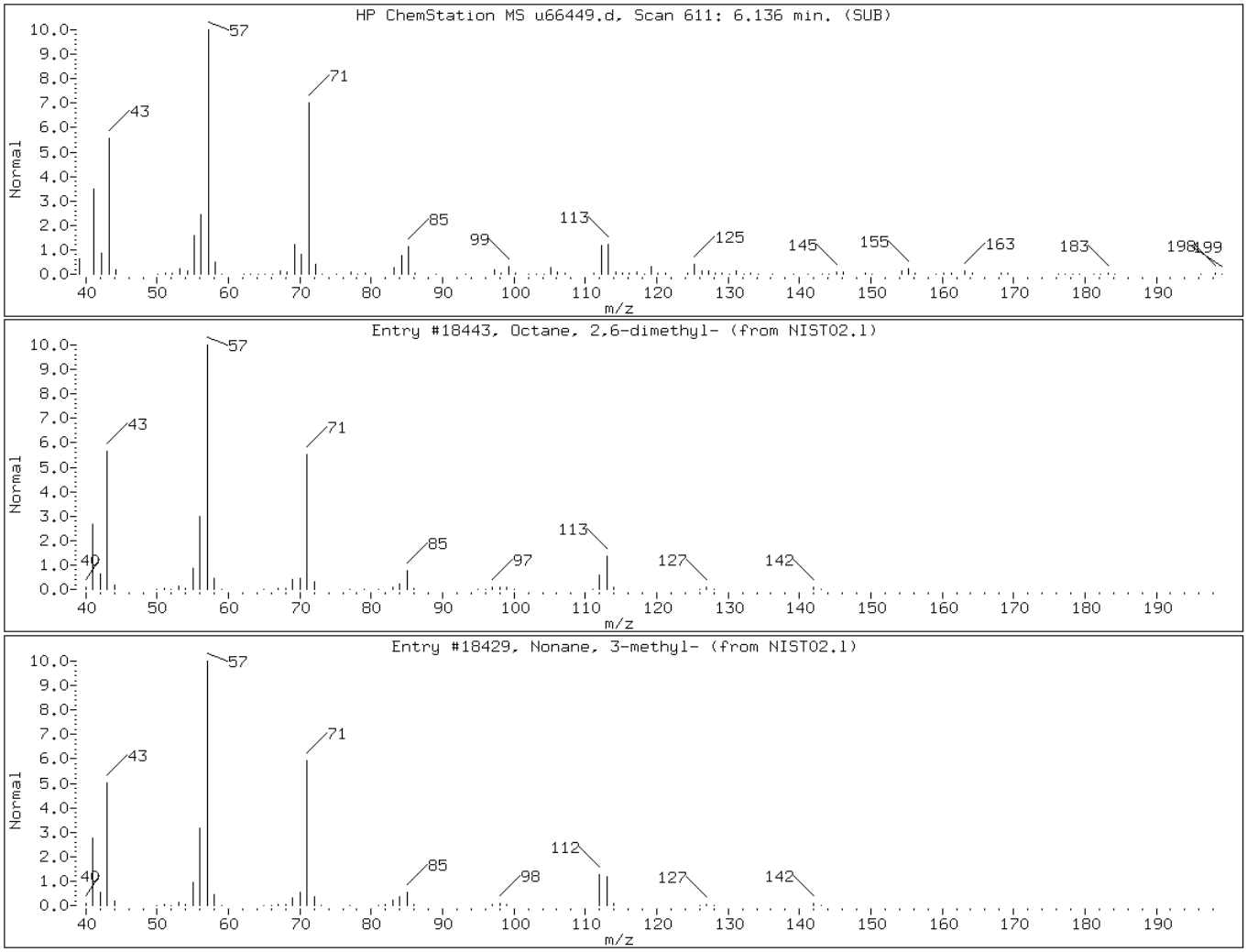
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 6.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	83	C10H22	142
Nonane, 3-methyl-	5911-04-6	NIST02.l	18429	78	C10H22	142



Data File: u66449.d

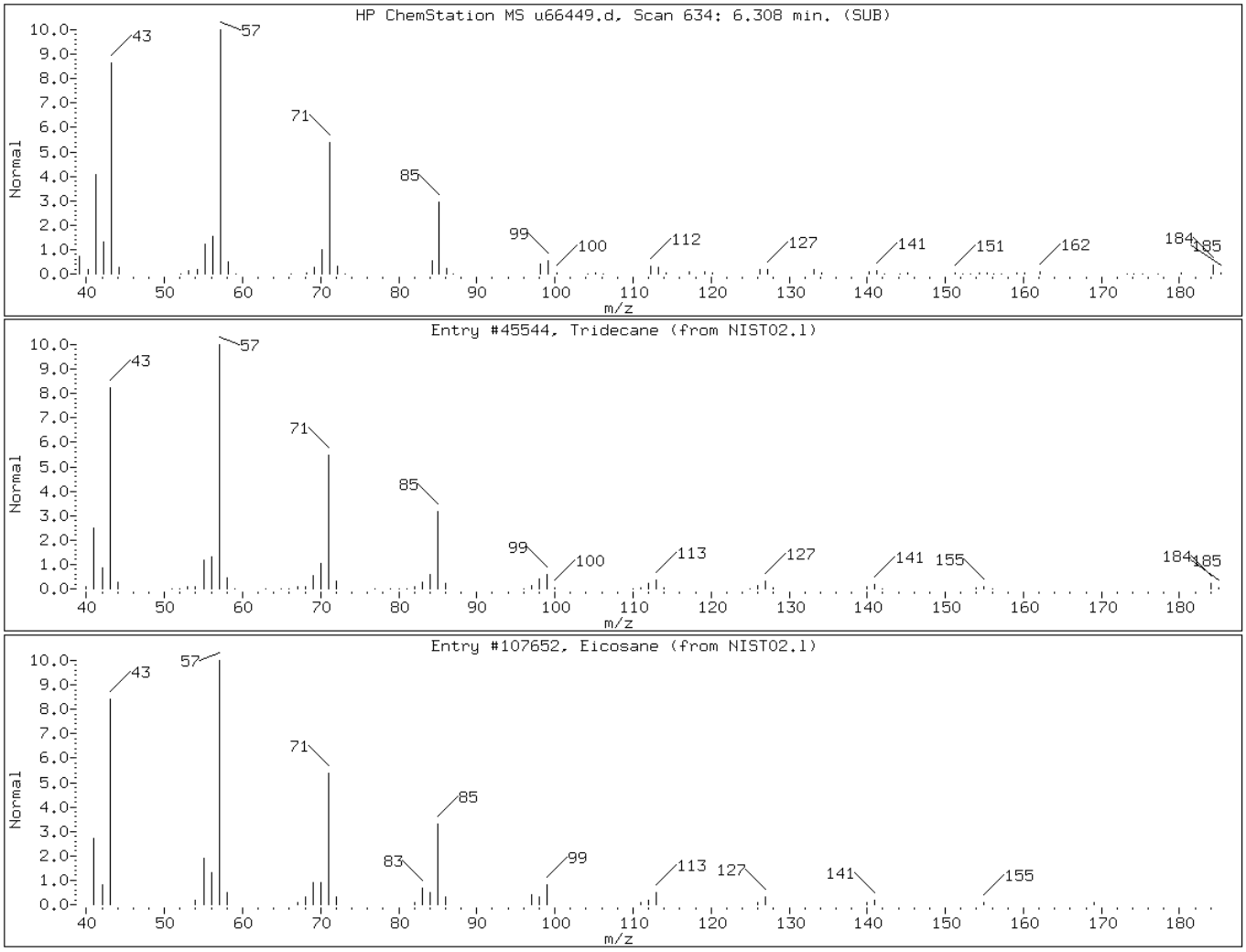
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 6.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tridecane	629-50-5	NIST02.l	45544	94	C13H28	184
Eicosane	112-95-8	NIST02.l	107652	90	C20H42	282



Data File: u66449.d

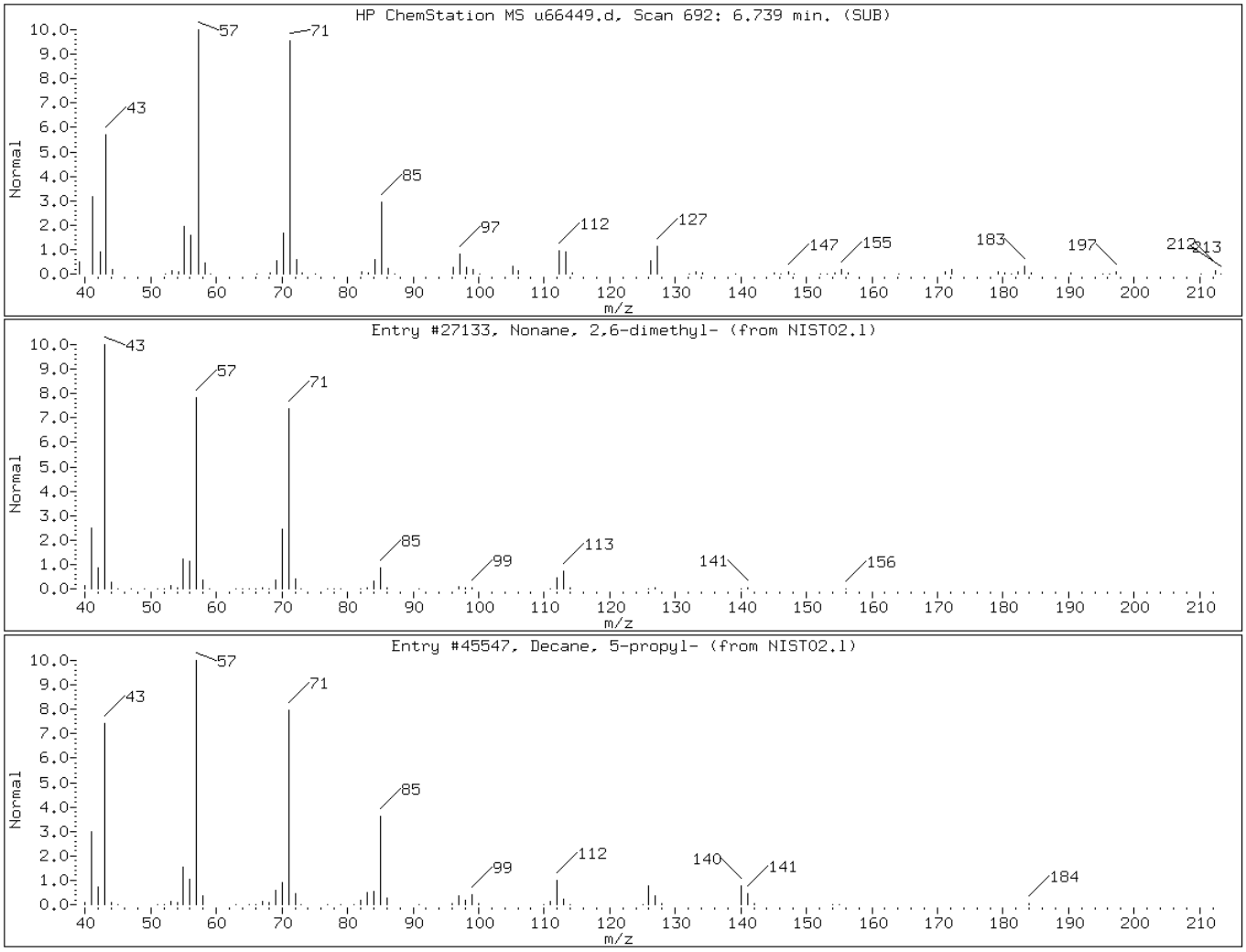
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 6.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Nonane, 2,6-dimethyl-	17302-28-2	NIST02.l	27133	68	C11H24	156
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	53	C13H28	184



Data File: u66449.d

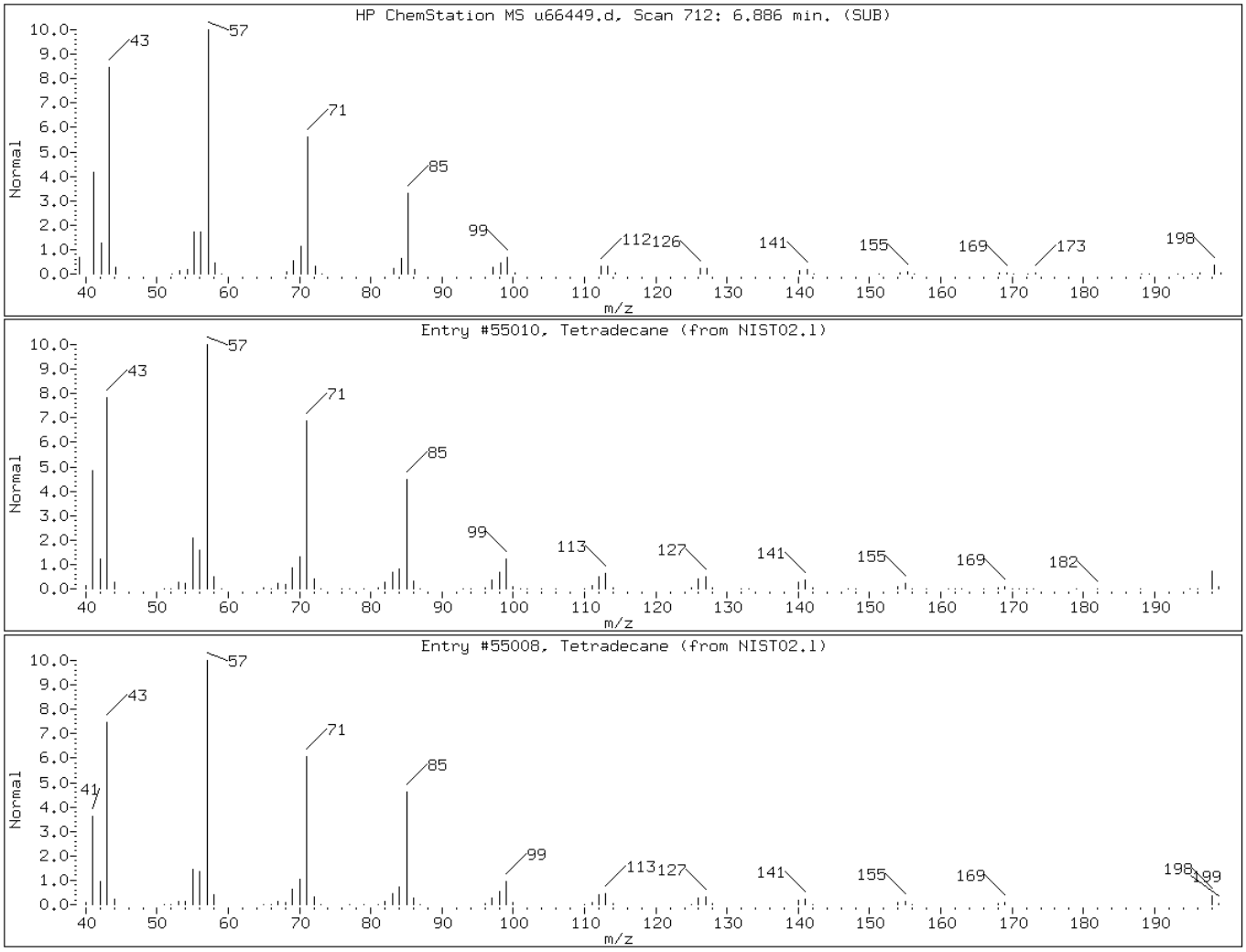
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 6.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetradecane	629-59-4	NIST02.l	55010	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55008	96	C14H30	198



Data File: u66449.d

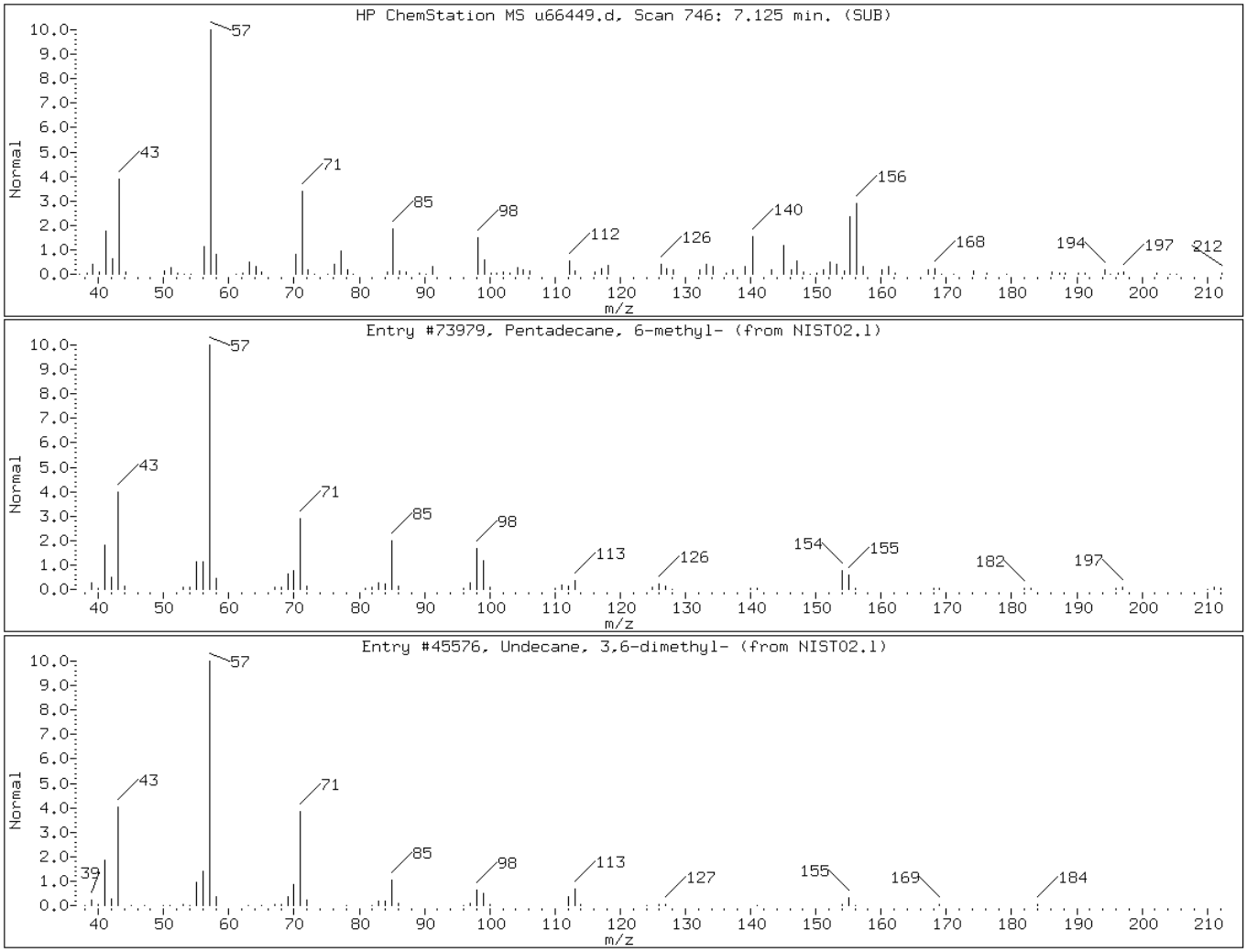
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 7.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane, 6-methyl-	10105-38-1	NIST02.l	73979	38	C16H34	226
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	38	C13H28	184



Data File: u66449.d

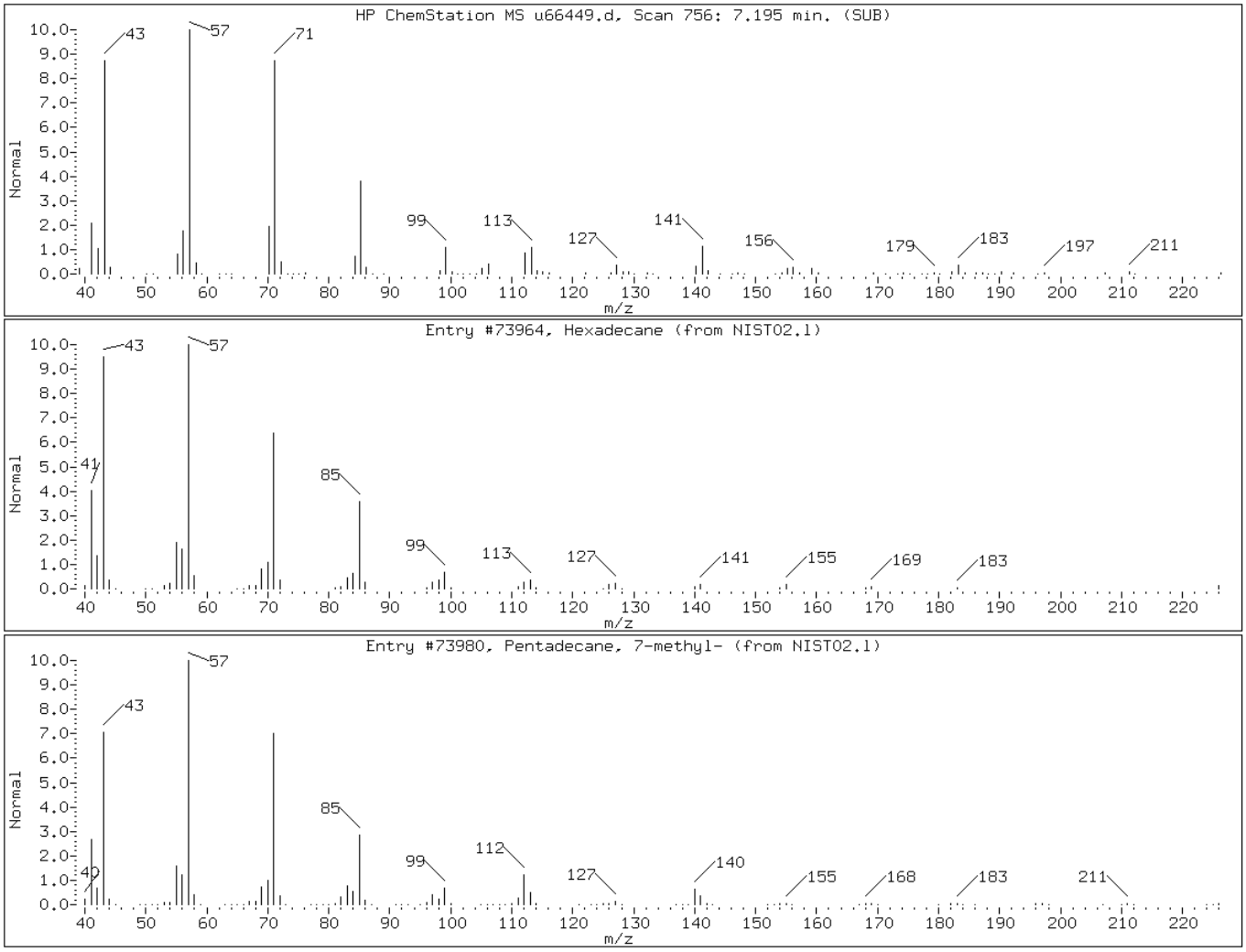
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 7.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane	544-76-3	NIST02.l	73964	81	C16H34	226
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	80	C16H34	226



Data File: u66449.d

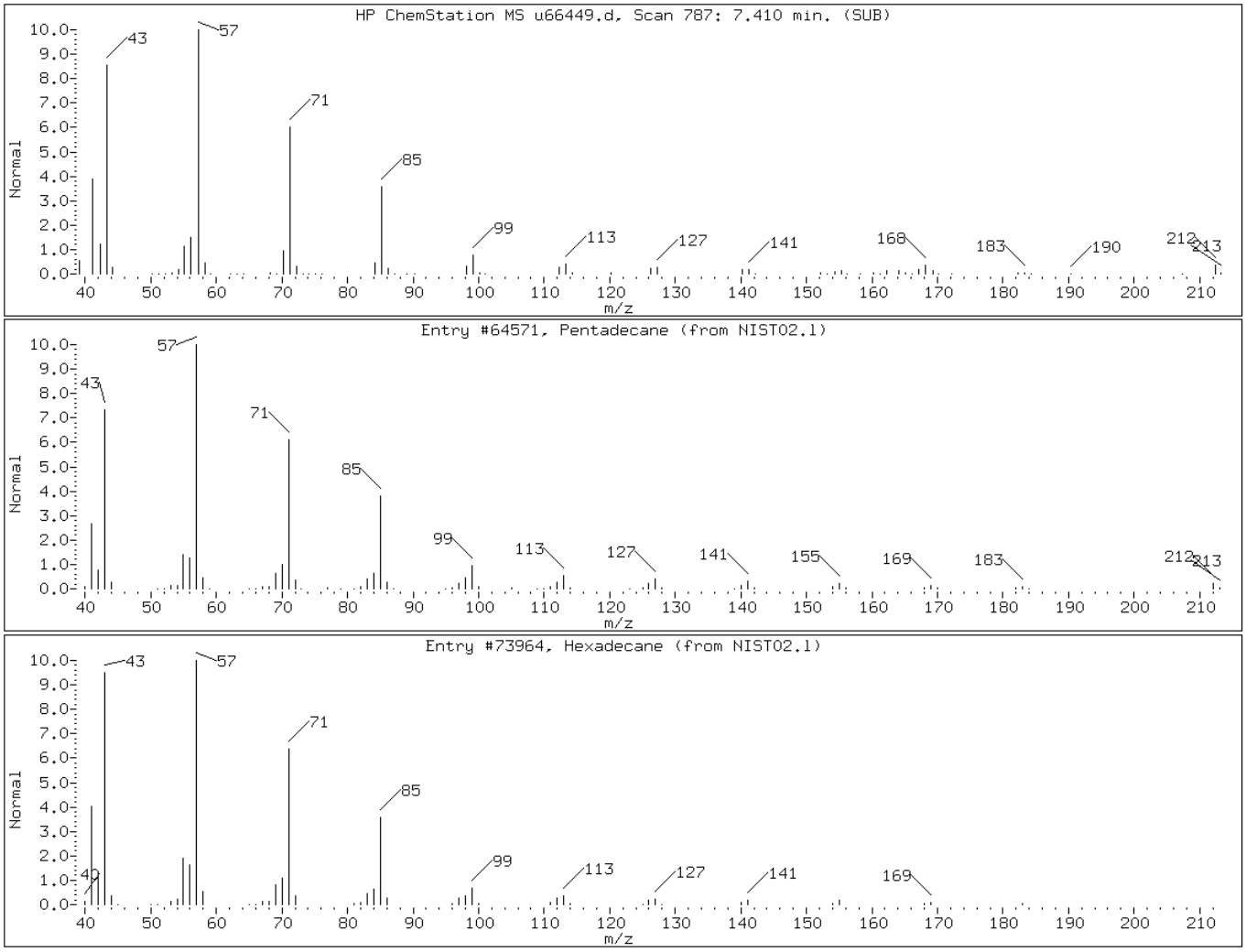
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 7.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Pentadecane	629-62-9	NIST02.l	64571	91	C15H32	212
Hexadecane	544-76-3	NIST02.l	73964	87	C16H34	226



Data File: u66449.d

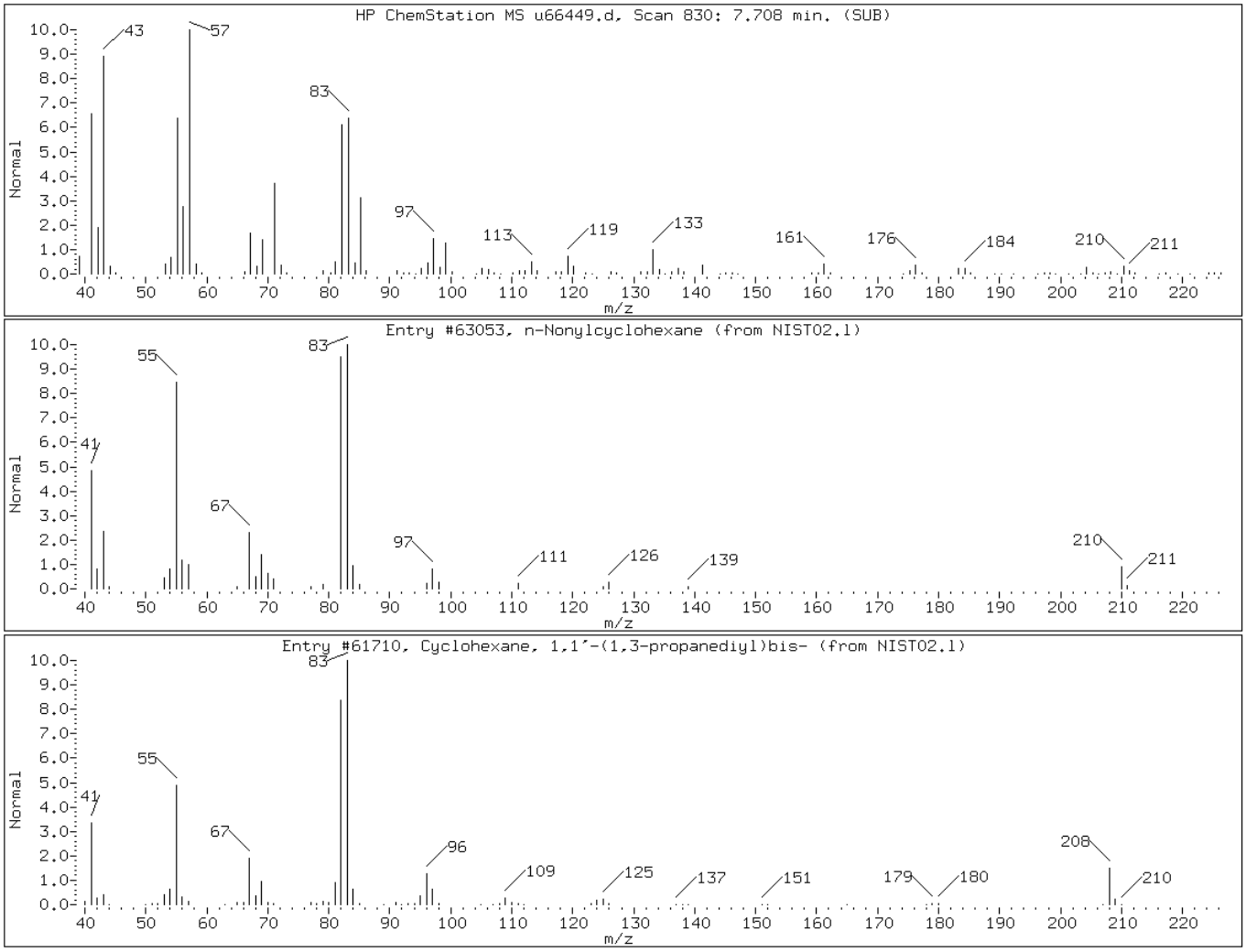
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 7.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
n-Nonylcyclohexane	2883-02-5	NIST02.l	63053	43	C15H30	210
Cyclohexane, 1,1'-(1,3-propanediyl	3178-24-3	NIST02.l	61710	42	C15H28	208



Data File: u66449.d

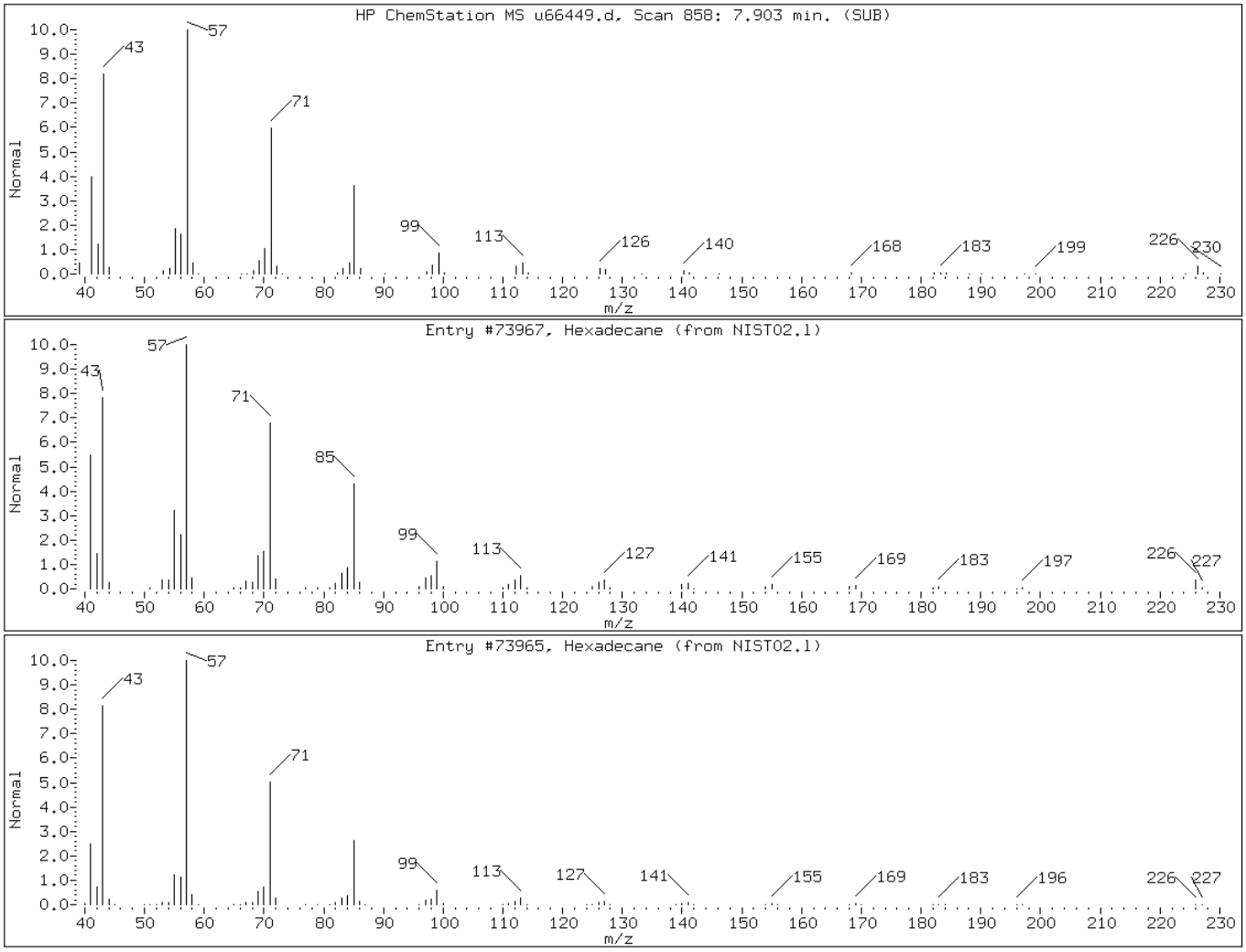
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 7.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane	544-76-3	NIST02.l	73967	94	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	94	C16H34	226



Data File: u66449.d

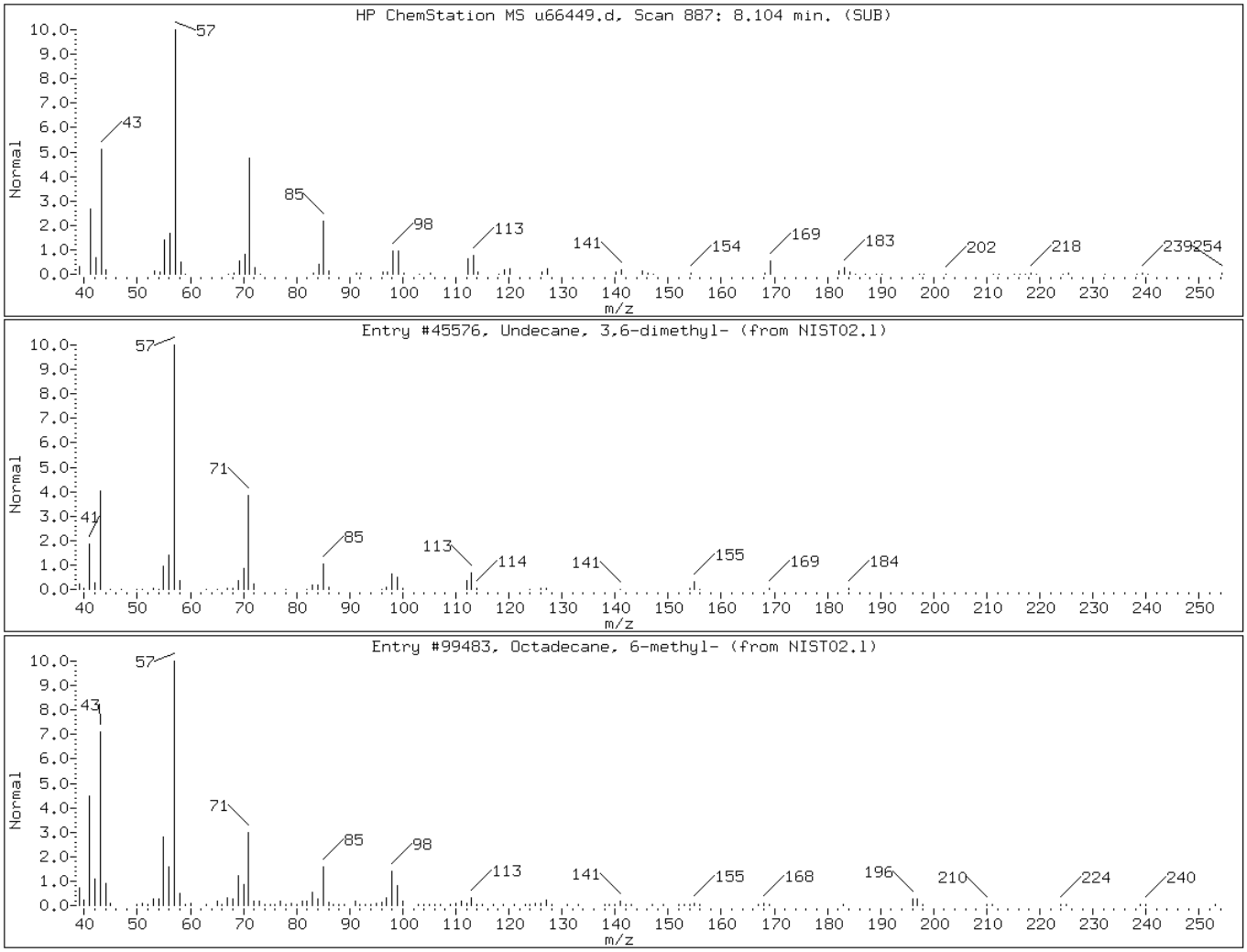
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 8.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	87	C13H28	184
Octadecane, 6-methyl-	10544-96-4	NIST02.l	99483	64	C19H40	268



Data File: u66449.d

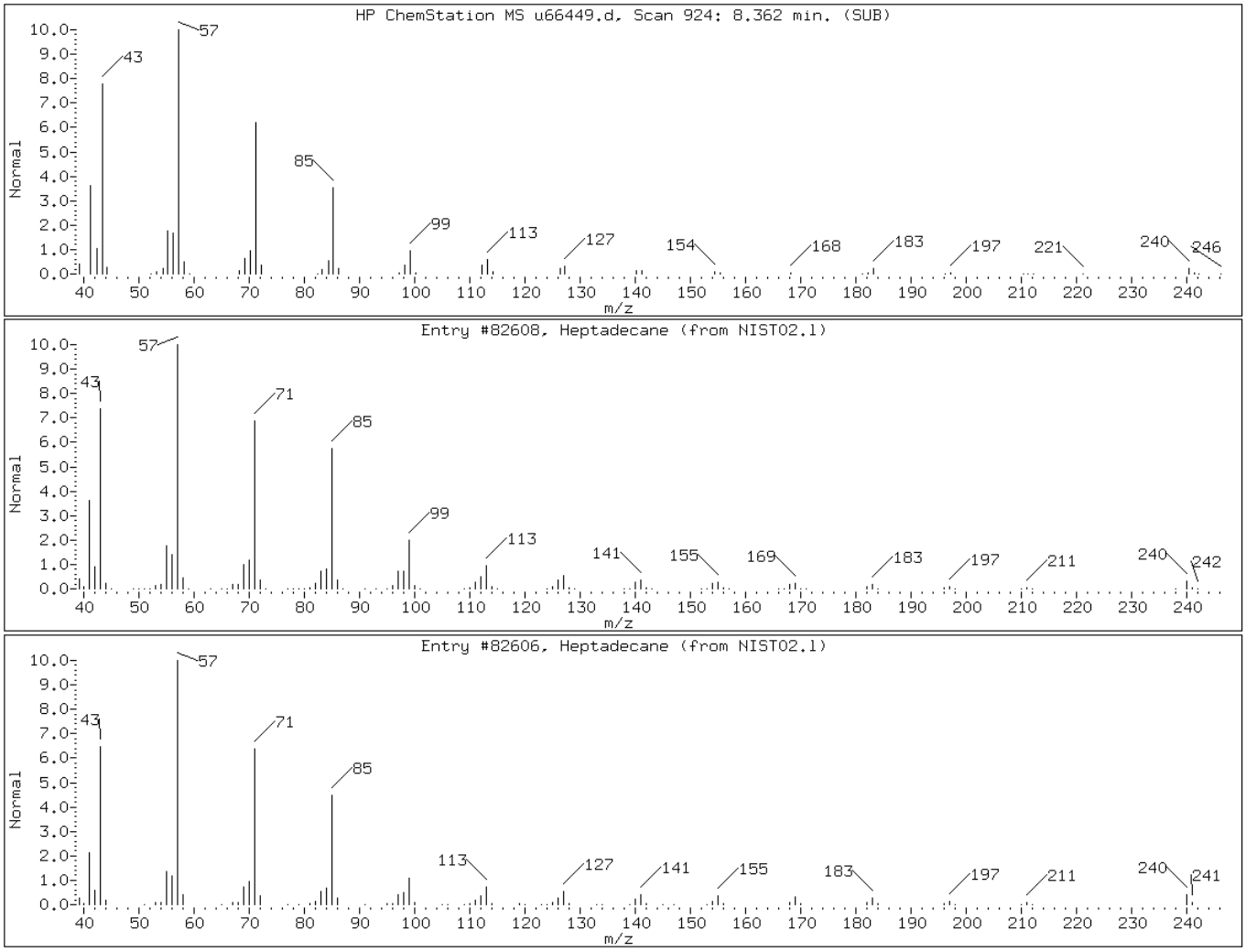
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Heptadecane	629-78-7	NIST02.l	82608	95	C17H36	240
Heptadecane	629-78-7	NIST02.l	82606	91	C17H36	240



Data File: u66449.d

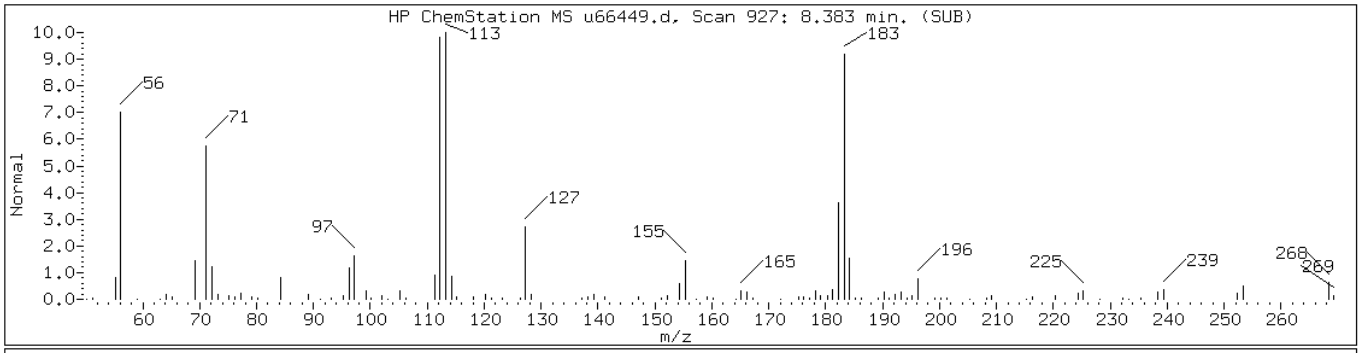
Date: 03-APR-2011 22:39

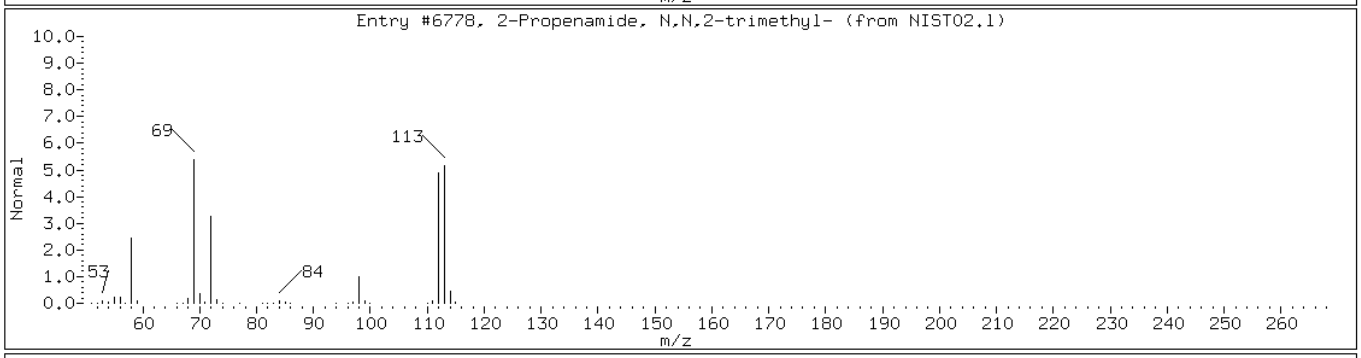
Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

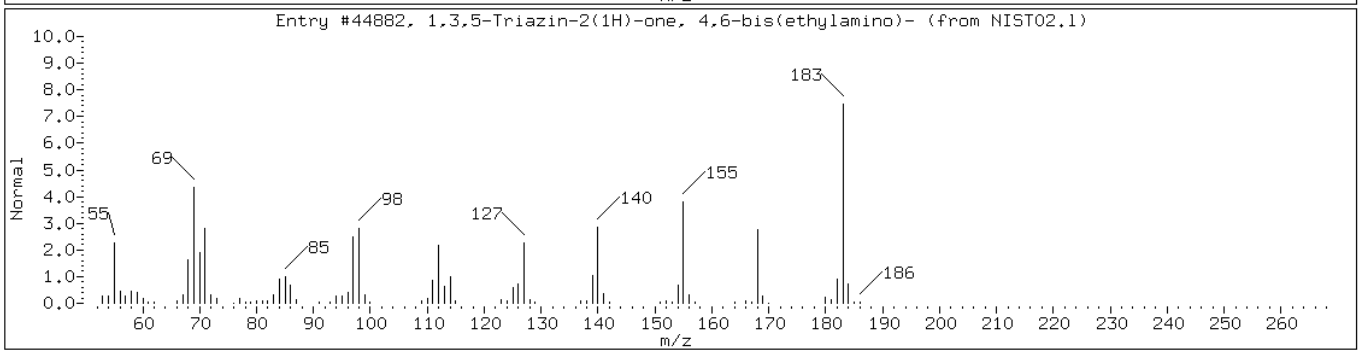
Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 8.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
2-Propenamide, N,N,2-trimethyl-	6976-91-6	NIST02.l	6778	27	C6H11NO	113
1,3,5-Triazin-2(1H)-one, 4,6-bis(e	2599-11-3	NIST02.l	44882	22	C7H13N5O	183







Data File: u66449.d

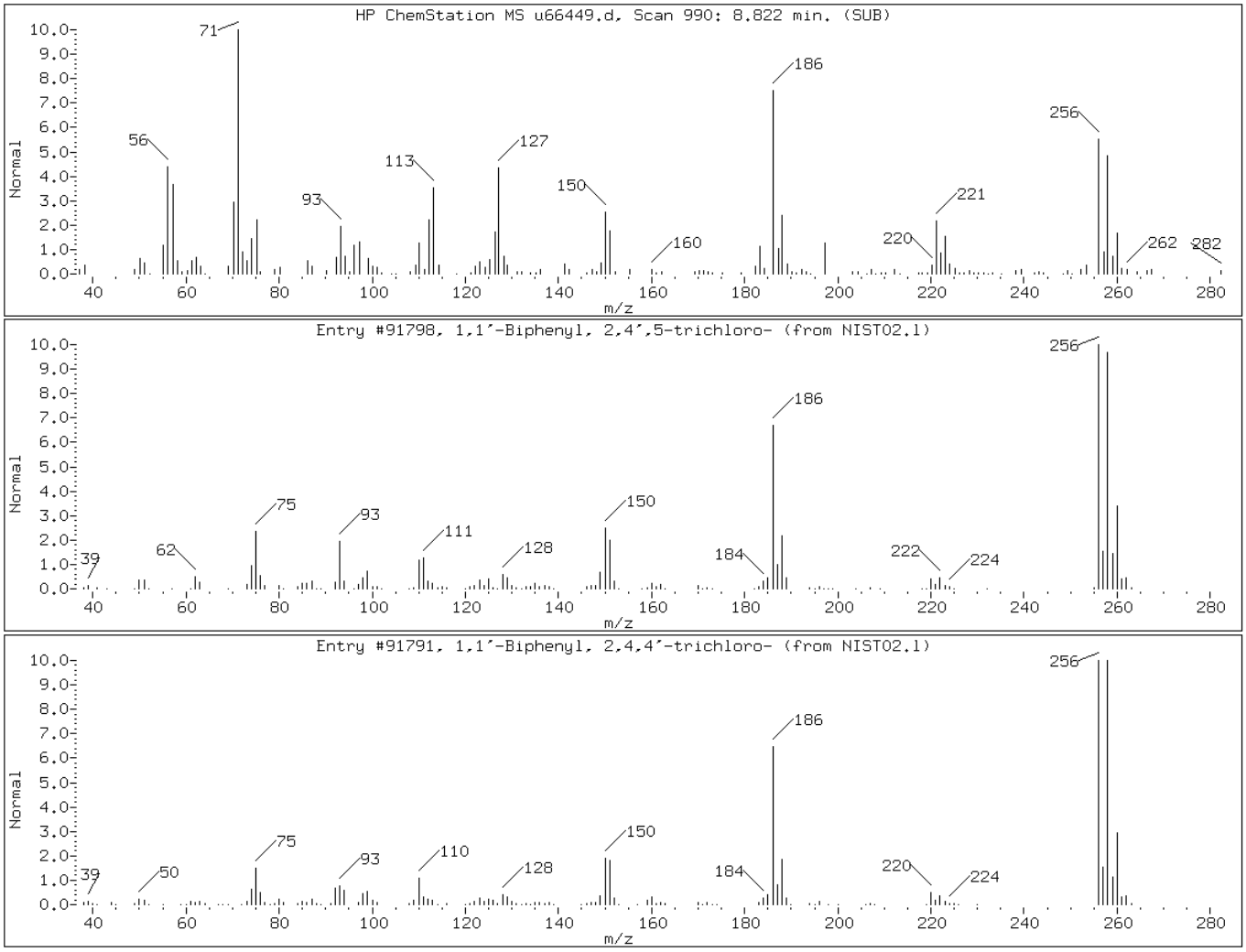
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 8.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	97	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	95	C12H7Cl3	256



Data File: u66449.d

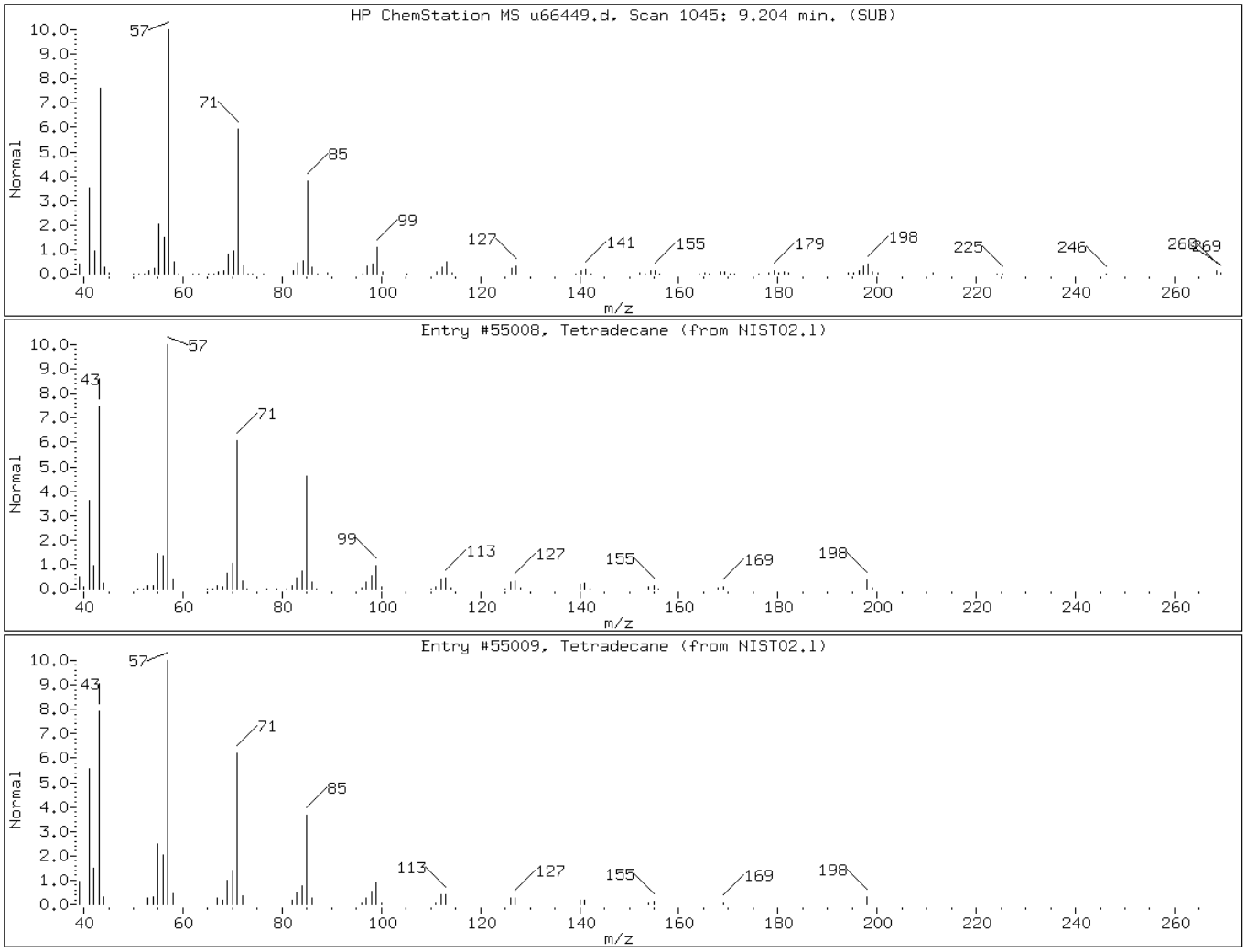
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 9.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Tetradecane	629-59-4	NIST02.l	55008	95	C14H30	198
Tetradecane	629-59-4	NIST02.l	55009	95	C14H30	198



Data File: u66449.d

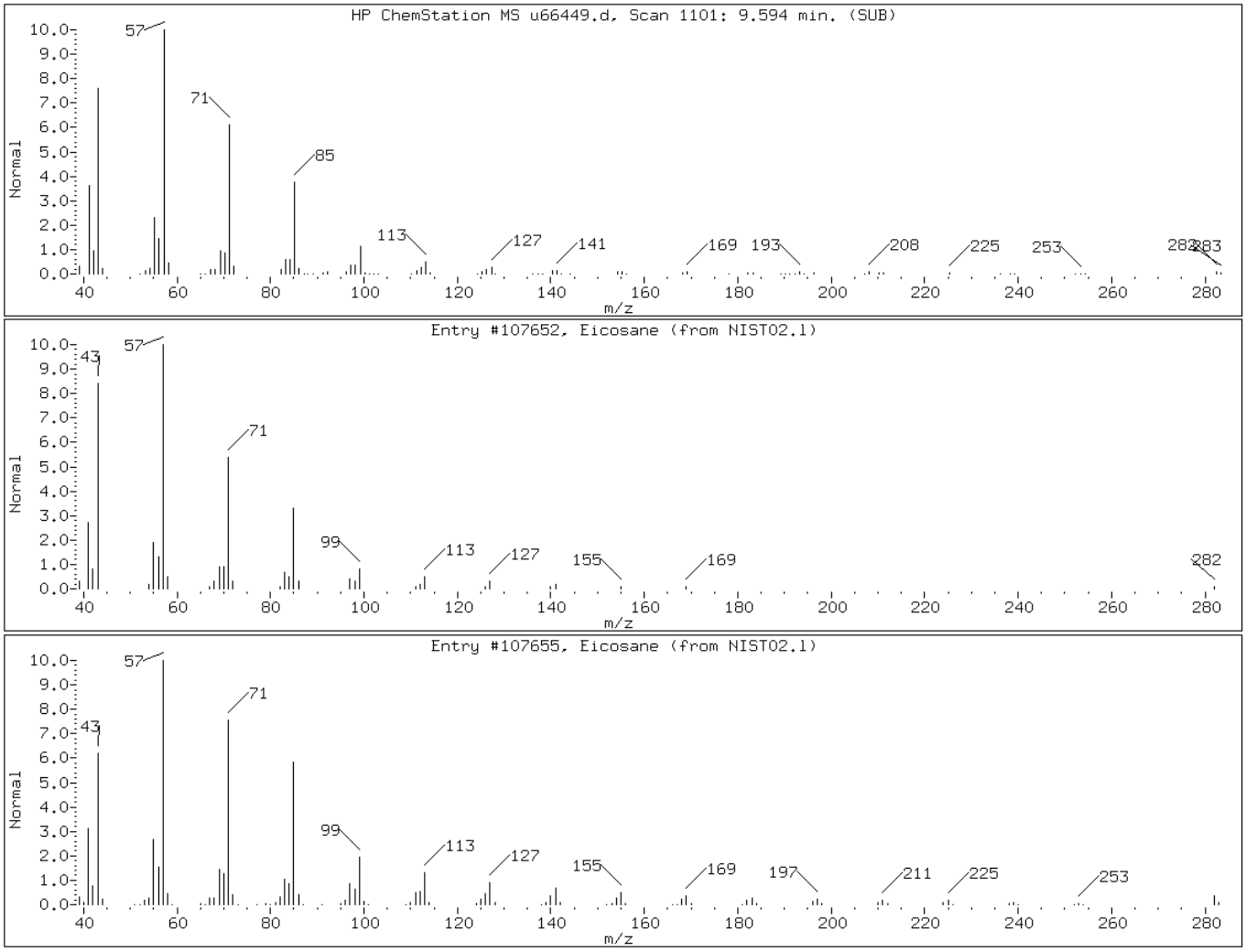
Date: 03-APR-2011 22:39

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-2-C Operator: BNAMS 4

Retention Time: 9.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Eicosane	112-95-8	NIST02.l	107652	98	C20H42	282
Eicosane	112-95-8	NIST02.l	107655	91	C20H42	282



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-SIE (10.5-11) | Lab Sample ID: 460-24277-3

Matrix: Solid | Lab File ID: z15647.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.95(g) | Date Analyzed: 04/01/2011 18:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	370	U	370	46
95-57-8	2-Chlorophenol	370	U	370	50
95-48-7	2-Methylphenol	370	U	370	54
106-44-5	4-Methylphenol	370	U	370	61
100-52-7	Benzaldehyde	370	U	370	23
98-86-2	Acetophenone	370	U	370	55
111-44-4	Bis(2-chloroethyl)ether	37	U	37	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	370	U	370	49
621-64-7	N-Nitrosodi-n-propylamine	37	U	37	4.9
98-95-3	Nitrobenzene	37	U	37	8.4
67-72-1	Hexachloroethane	37	U	37	6.3
78-59-1	Isophorone	370	U	370	43
88-75-5	2-Nitrophenol	370	U	370	61
105-67-9	2,4-Dimethylphenol	370	U	370	60
120-83-2	2,4-Dichlorophenol	370	U	370	60
111-91-1	Bis(2-chloroethoxy)methane	370	U	370	53
91-20-3	Naphthalene	370	U	370	55
106-47-8	4-Chloroaniline	370	U	370	47
87-68-3	Hexachlorobutadiene	76	U	76	15
105-60-2	Caprolactam	370	U	370	51
59-50-7	4-Chloro-3-methylphenol	370	U	370	63
91-57-6	2-Methylnaphthalene	430	*	370	55
118-74-1	Hexachlorobenzene	37	U	37	5.2
77-47-4	Hexachlorocyclopentadiene	370	U	370	110
88-06-2	2,4,6-Trichlorophenol	370	U	370	67
95-95-4	2,4,5-Trichlorophenol	370	U	370	72
92-52-4	Diphenyl	370	U	370	62
91-58-7	2-Chloronaphthalene	370	U	370	53
88-74-4	2-Nitroaniline	760	U	760	100
606-20-2	2,6-Dinitrotoluene	76	U	76	9.5
131-11-3	Dimethyl phthalate	370	U	370	50
208-96-8	Acenaphthylene	370	U	370	53
99-09-2	3-Nitroaniline	760	U	760	84
83-32-9	Acenaphthene	370	U	370	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-SIE (10.5-11) | Lab Sample ID: 460-24277-3

Matrix: Solid | Lab File ID: z15647.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.95(g) | Date Analyzed: 04/01/2011 18:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	96
51-28-5	2,4-Dinitrophenol	1100	U	1100	79
132-64-9	Dibenzofuran	370	U	370	56
84-66-2	Diethyl phthalate	370	U	370	50
86-73-7	Fluorene	76	J	370	63
206-44-0	Fluoranthene	370	U	370	62
84-74-2	Di-n-butyl phthalate	370	U	370	57
121-14-2	2,4-Dinitrotoluene	76	U	76	11
7005-72-3	4-Chlorophenyl phenyl ether	370	U	370	64
100-01-6	4-Nitroaniline	760	U *	760	77
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	370	U	370	67
1912-24-9	Atrazine	370	U	370	70
120-12-7	Anthracene	370	U	370	66
86-74-8	Carbazole	370	U	370	59
85-01-8	Phenanthrene	130	J	370	65
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	370	U	370	65
218-01-9	Chrysene	370	U	370	54
207-08-9	Benzo[k]fluoranthene	37	U	37	5.2
191-24-2	Benzo[g,h,i]perylene	370	U	370	39
205-99-2	Benzo[b]fluoranthene	37	U	37	5.6
50-32-8	Benzo[a]pyrene	37	U	37	4.6
56-55-3	Benzo[a]anthracene	37	U	37	6.9
86-30-6	N-Nitrosodiphenylamine	370	U	370	61
85-68-7	Butyl benzyl phthalate	370	U	370	44
117-81-7	Bis(2-ethylhexyl) phthalate	370	U	370	50
117-84-0	Di-n-octyl phthalate	370	U	370	44
193-39-5	Indeno[1,2,3-cd]pyrene	37	U	37	6.0
53-70-3	Dibenz(a,h)anthracene	37	U	37	4.5
91-94-1	3,3'-Dichlorobenzidine	760	U	760	83
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	370	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-SIE (10.5-11) Lab Sample ID: 460-24277-3

Matrix: Solid Lab File ID: z15647.d

Analysis Method: 8270C Date Collected: 03/17/2011 14:00

Extract. Method: 3541 Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.95(g) Date Analyzed: 04/01/2011 18:19

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	84		41-118
1718-51-0	Terphenyl-d14	83		16-151
118-79-6	2,4,6-Tribromophenol	96		10-120
367-12-4	2-Fluorophenol	78		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-SIE (10.5-11) | Lab Sample ID: 460-24277-3

Matrix: Solid | Lab File ID: z15647.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.95(g) | Date Analyzed: 04/01/2011 18:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 42360

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C11H24 Alkane	3.06	910	J
	C12H26 Alkane	3.82	1900	J
	Unknown Alkane	4.29	1200	J
	C13H28 Alkane	4.46	2800	J
	Unknown Alkane-2	4.90	1700	J
	C14H30 Alkane	5.04	3700	J
	Dimethylnaphthalene isomer-1	5.07	840	J
575-41-7	1,3-Dimethylnaphthalene	5.14	800	
	Unknown Alkane-3	5.36	1900	J
	Decahydropentamethylnaphthalene isomer-1	5.37	840	J
	C15H32 Alkane	5.56	4000	J
	Trimethylnaphthalene isomer-2	5.79	1000	J
2883-02-5	n-Nonylcyclohexane	5.82	870	J N
	C16H34 Alkane	6.05	4100	J
	Unknown Alkane-4	6.27	2200	J
	Unknown Alkane-11	6.52	6100	J
	Unknown Alkane-5	6.95	2300	J
	Unknown-1	6.97	1200	J
	C19H40 Alkane	7.36	1200	J
10544-50-0	Cyclic octaatomic sulfur	7.99	2800	J N

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15647.d
Report Date: 02-Apr-2011 15:08

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15647.d
Lab Smp Id: 460-24277-F-3-C Client Smp ID: PMP-9-SIE (10.5-11)
Inj Date : 01-APR-2011 18:19
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24277-F-3-C
Misc Info : 460-24277-F-3-C
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/8270C_08SP.m
Meth Date : 01-Apr-2011 17:32 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.95000	Weight of sample extracted (g)
M	11.17166	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.322	1.287	(0.565)	886543	77.6094	5800
$ 17 Phenol-d5 (SUR)	99	2.105	2.110	(0.899)	1115916	83.7338	6300
2 2-Chlorophenol	128	2.152	2.157	(0.920)	1383	0.11223	8.4(aH)
* 79 1,4-Dichlorobenzene-d4	152	2.340	2.346	(1.000)	367285	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	2.910	2.928	(0.793)	539860	38.0947	2900
30 1,2,4-Trichlorobenzene	180	3.634	3.640	(0.990)	4052	0.33511	25(a)
* 80 Naphthalene-d8	136	3.669	3.681	(1.000)	1352718	40.0000	
34 2-Methylnaphthalene	142	4.428	4.434	(1.207)	122146	5.74570	430
120 1-Methylnaphthalene	142	4.522	4.522	(1.232)	85089	4.09875	310(a)
$ 77 2-Fluorobiphenyl (SUR)	172	4.840	4.840	(0.888)	984734	39.5700	3000
102 Diphenyl	154	4.922	4.922	(0.903)	17485	0.68693	52(a)
125 1,3-Dimethylnaphthalene	156	5.140	5.145	(0.943)	169120	10.5871	800(H)
* 82 Acenaphthene-d10	164	5.451	5.451	(1.000)	634689	40.0000	

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15647.d
Report Date: 02-Apr-2011 15:08

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	43 Dibenzofuran	168	5.651	5.657	(1.037)	5649	0.22808	17(a)
	47 Fluorene	166	5.981	5.987	(1.097)	18725	1.00823	76(a)
$	18 2,4,6-Tribromophenol (SUR)	330	6.222	6.222	(1.141)	253787	95.8877	7200
*	83 Phenanthrene-d10	188	6.869	6.863	(1.000)	838695	40.0000	
	52 Phenanthrene	178	6.887	6.887	(1.003)	40988	1.72411	130(a)
	57 Pyrene	202	8.216	8.216	(0.875)	2807	0.12584	9.5(a)
$	78 Terphenyl-d14	244	8.445	8.445	(0.900)	618239	41.6263	3100
*	81 Chrysene-d12	240	9.386	9.386	(1.000)	550577	40.0000	
*	84 Perylene-d12	264	10.692	10.686	(1.000)	392730	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15647.d
Report Date: 02-Apr-2011 15:08

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15647.d
Lab Smp Id: 460-24277-F-3-C Client Smp ID: PMP-9-SIE (10.5-11)
Inj Date : 01-APR-2011 18:19
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24277-F-3-C
Misc Info : 460-24277-F-3-C
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/8270C_08SP.m
Meth Date : 01-Apr-2011 17:32 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.95000	Weight of sample extracted (g)
M	11.17166	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	3.669	2968066	40.000
* 82 Acenaphthene-d10	5.451	2764637	40.000
* 83 Phenanthrene-d10	6.869	2930413	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C11H24 Alkane				CAS #:			
3.063	894274	12.0519455	910	0	0		80

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15647.d
Report Date: 02-Apr-2011 15:08

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C12H26 Alkane					CAS #:		
3.816	1903173	25.6486604	1900	0		0	80
Unknown Alkane					CAS #:		
4.287	1206745	16.2630440	1200	0		0	80
C13H28 Alkane					CAS #:		
4.463	2795014	37.6678024	2800	0		0	80
Unknown Alkane-2					CAS #:		
4.898	1563227	22.6174652	1700	0		0	82
C14H30 Alkane					CAS #:		
5.040	3369598	48.7528406	3700	0		0	82
Dimethylnaphthalene isomer-1					CAS #:		
5.075	771434	11.1614426	840	0		0	82
Unknown Alkane-3					CAS #:		
5.357	1778174	25.7274134	1900	0		0	82
Decahydropentamethylnaphthalene isomer-1					CAS #:		
5.375	770676	11.1504870	840	0		0	82
C15H32 Alkane					CAS #:		
5.563	3693037	53.4325034	4000	0		0	82
Trimethylnaphthalene isomer-1					CAS #:		
5.722	654067	9.46333474	710	0		0	82
Trimethylnaphthalene isomer-2					CAS #:		
5.793	928357	13.4318858	1000	0		0	82
n-Nonylcyclohexane					CAS #: 2883-02-5		
5.822	801957	11.6030707	870	92	NIST02.l	63053	82
C16H34 Alkane					CAS #:		
6.051	3729028	53.9532322	4100	0		0	82
Unknown Alkane-4					CAS #:		
6.269	2182297	29.7882369	2200	0		0	83
Unknown Cycloalkane-1					CAS #:		
6.316	731053	9.97883064	750	0		0	83

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15647.d
Report Date: 02-Apr-2011 15:08

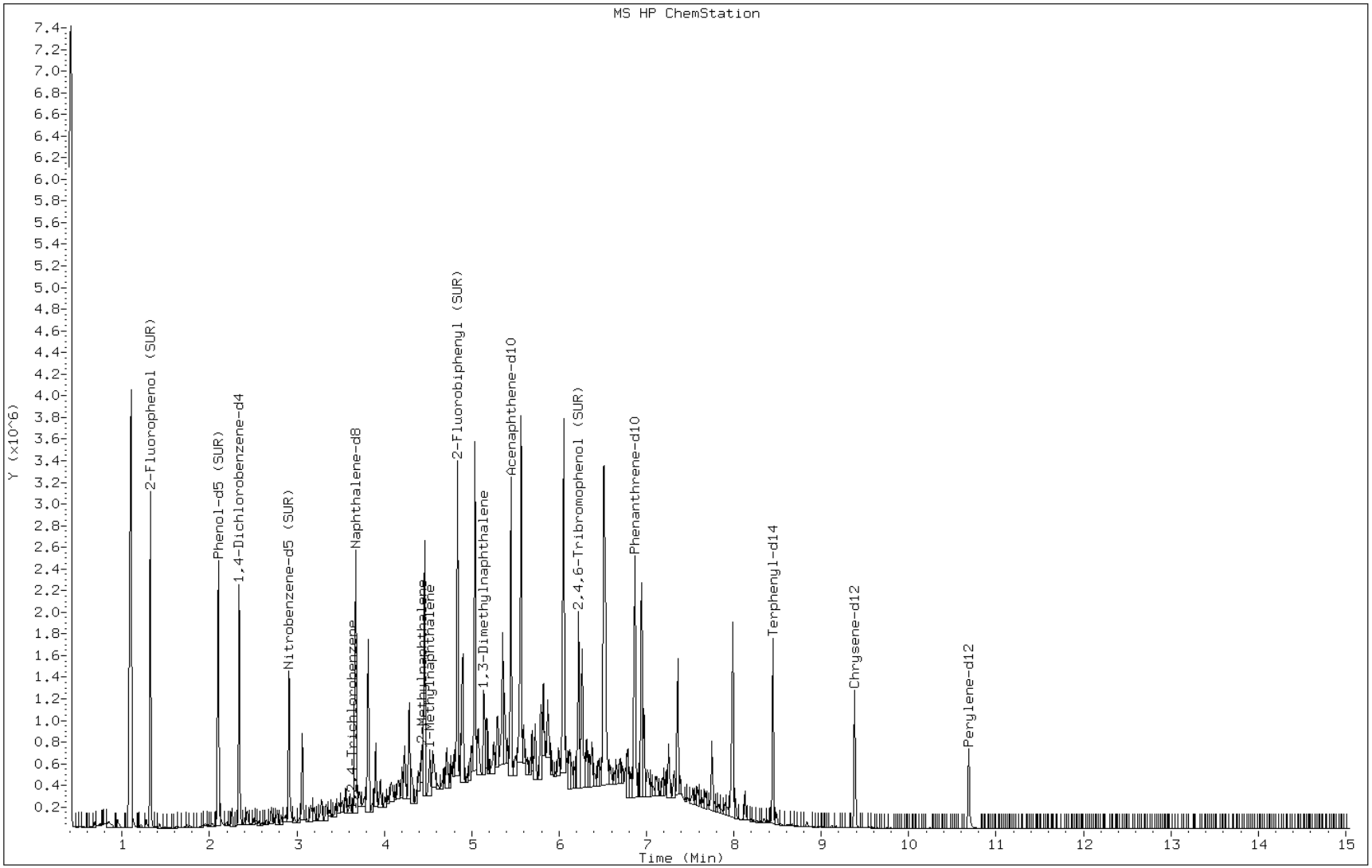
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Tetrahydromethylnaphthalene isomer-1					CAS #:		
6.375	647322	8.83591823	660	0		0	83
Unknown Alkane-11					CAS #:		
6.516	5890415	80.4038677	6000	0		0	83
Unknown Cycloalkane-2					CAS #:		
6.787	731498	9.98491703	750	0		0	83
Unknown Alkane-5					CAS #:		
6.945	2264984	30.9169157	2300	0		0	83
Unknown-1					CAS #:		
6.969	1145471	15.6356169	1200	0		0	83
C19H40 Alkane					CAS #:		
7.357	1197294	16.3430028	1200	0		0	83
C20H42 Alkane					CAS #:		
7.751	743982	10.1553197	760	0		0	83
Cyclic octaatomic sulfur					CAS #: 10544-50-0		
7.992	2713585	37.0403031	2800	94	NIST02.l	92478	83

Data File: z15647.d

Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4



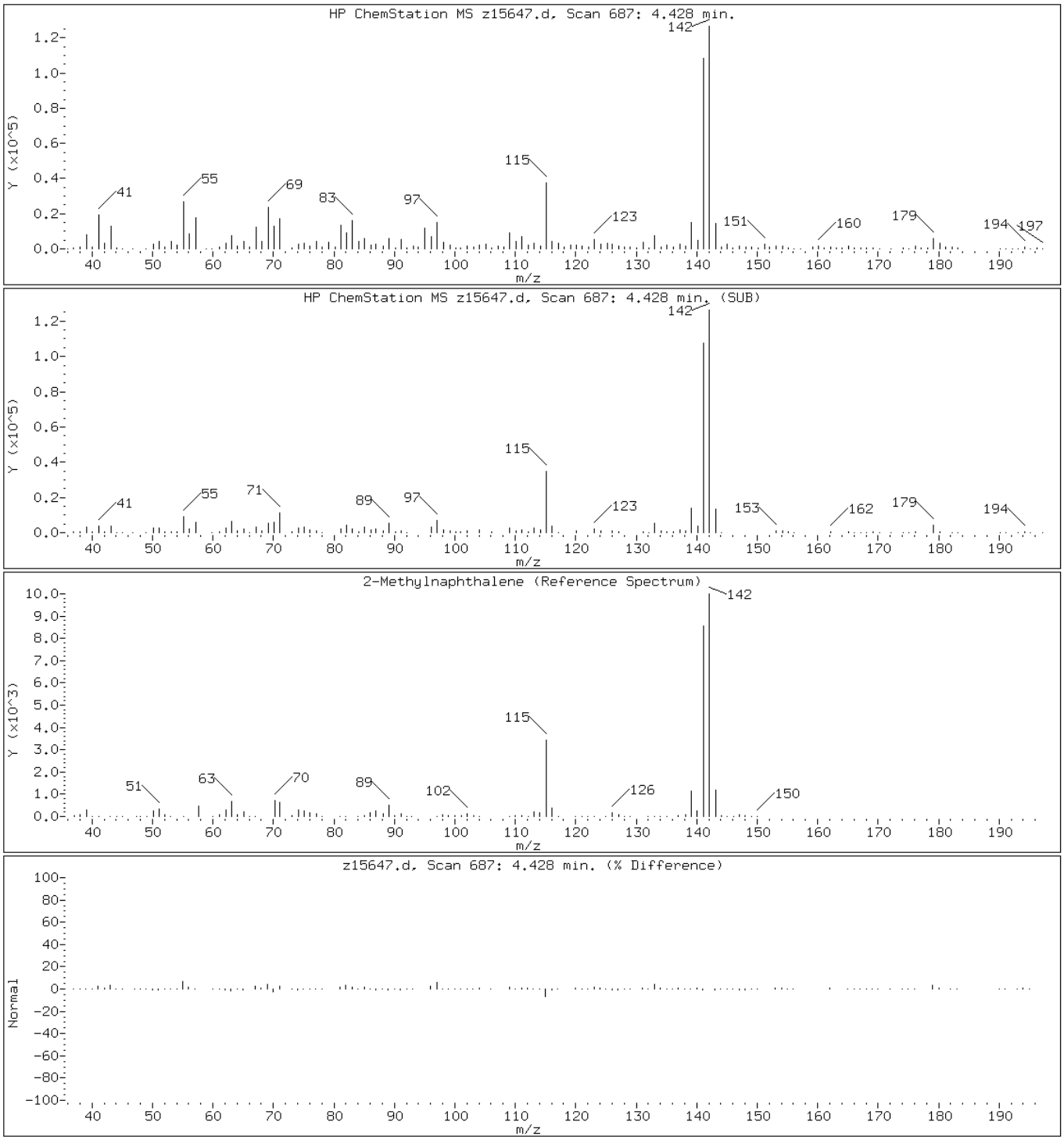
Data File: z15647.d

Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

34 2-Methylnaphthalene



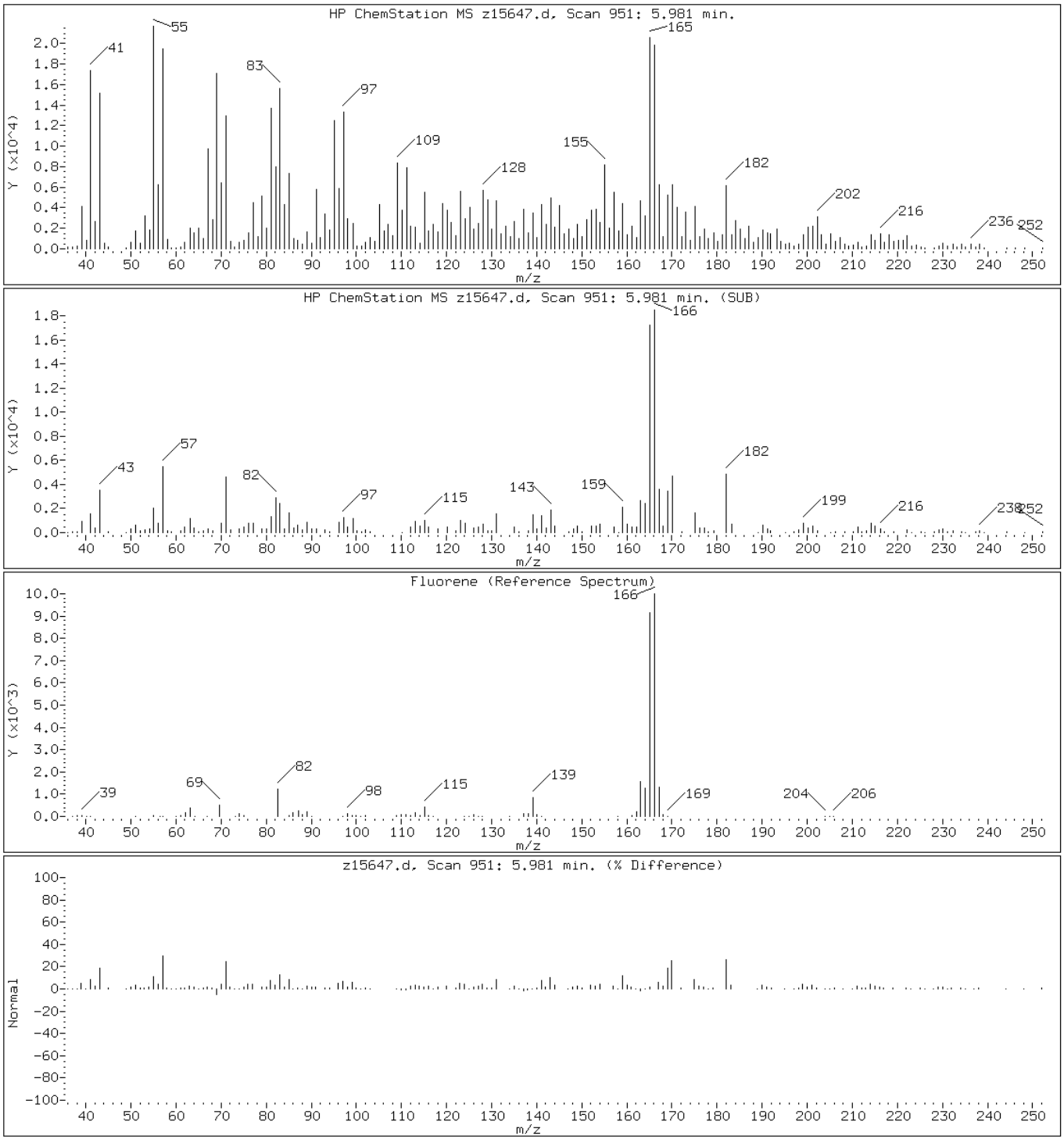
Data File: z15647.d

Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

47 Fluorene



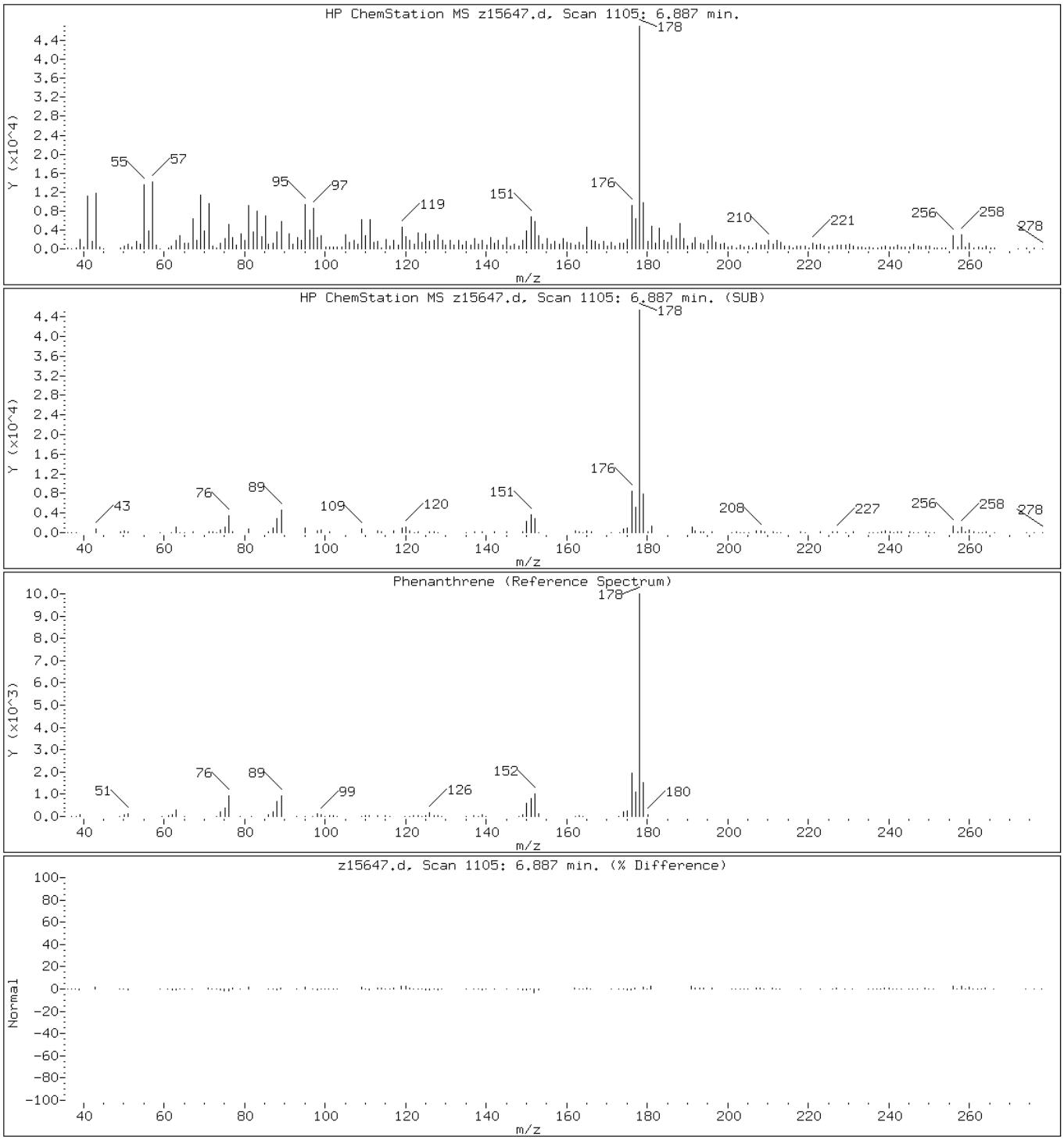
Data File: z15647.d

Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

52 Phenanthrene



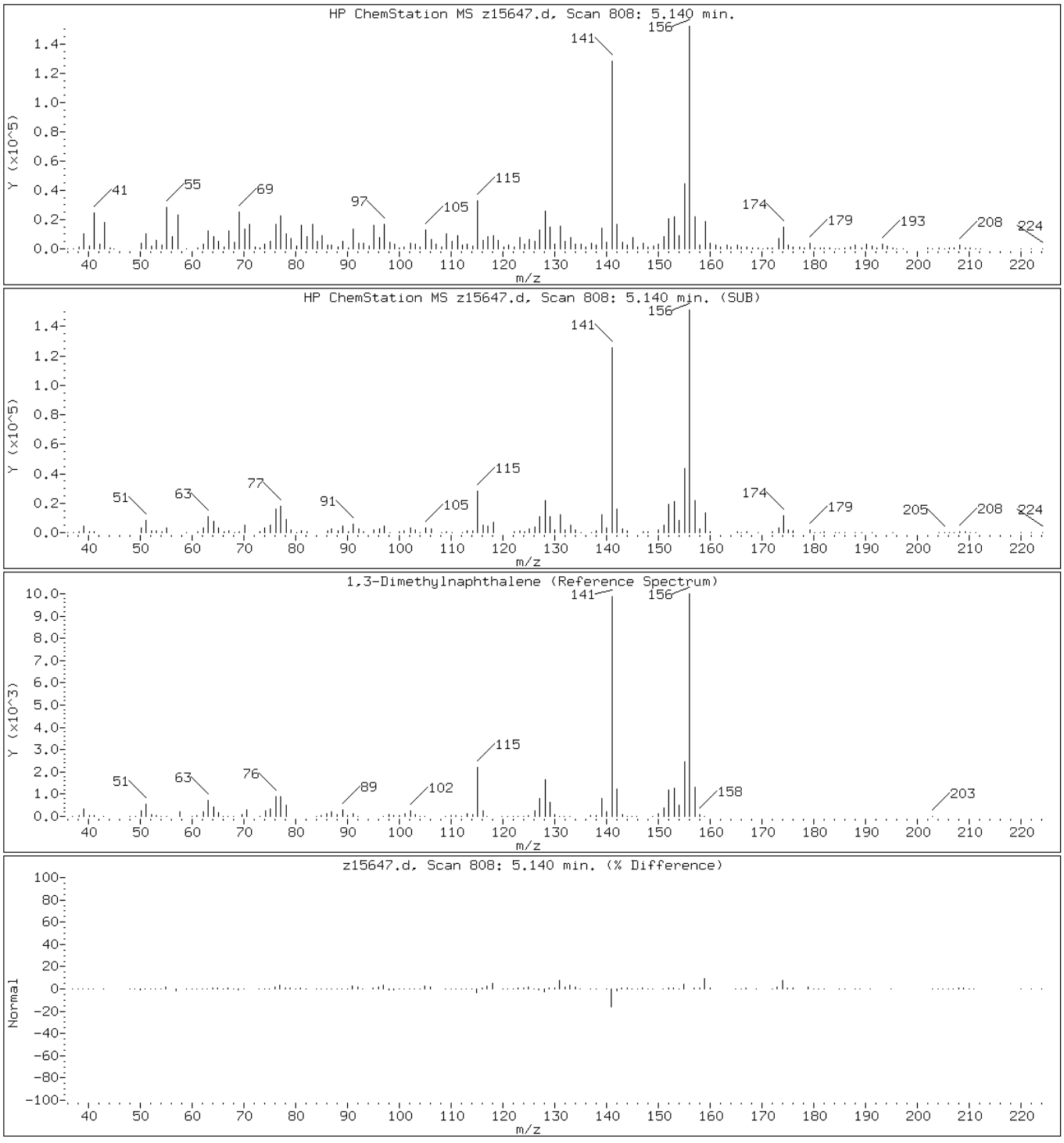
Data File: z15647.d

Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: z15647.d

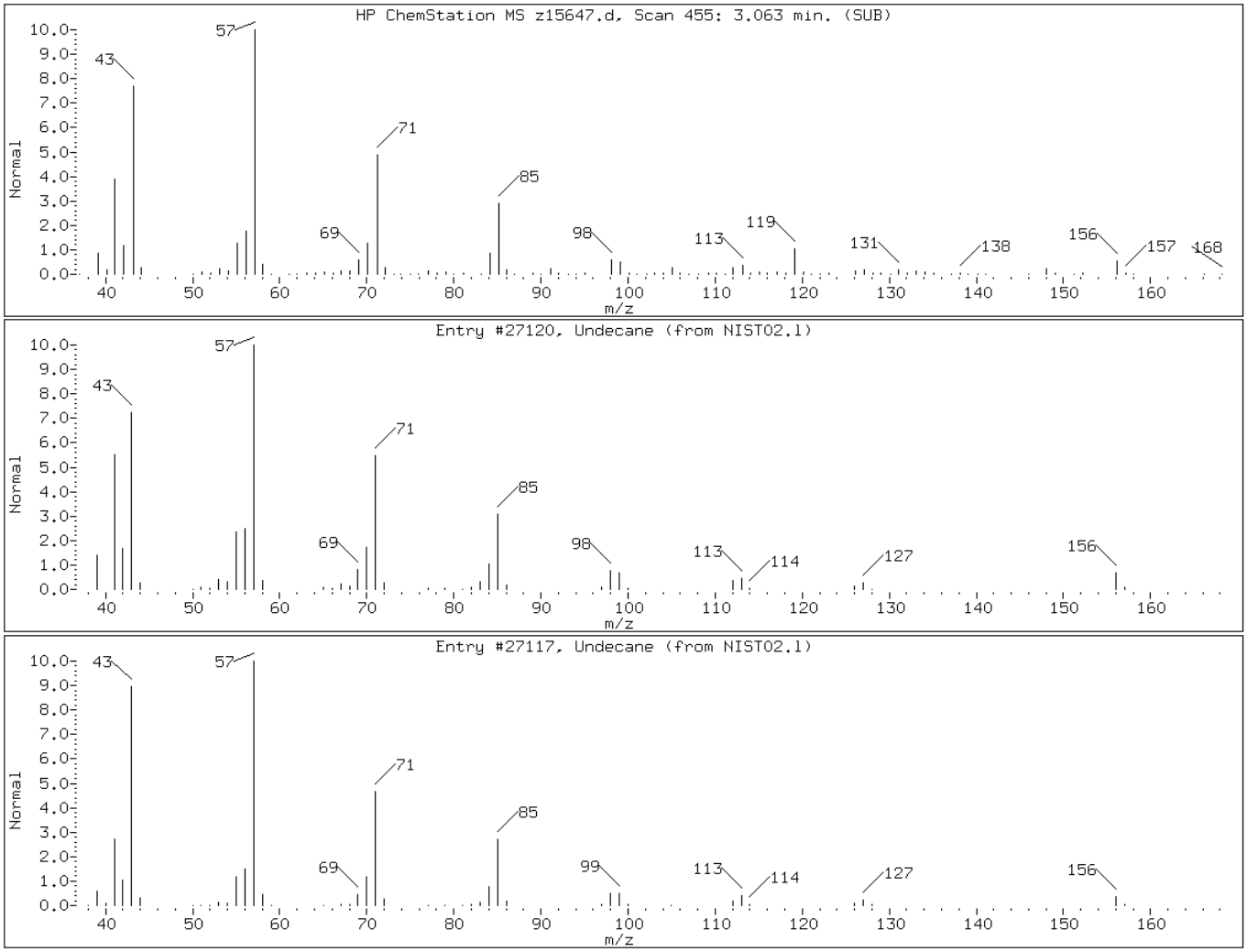
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 3.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Undecane	1120-21-4	NIST02.l	27120	96	C11H24	156
Undecane	1120-21-4	NIST02.l	27117	95	C11H24	156



Data File: z15647.d

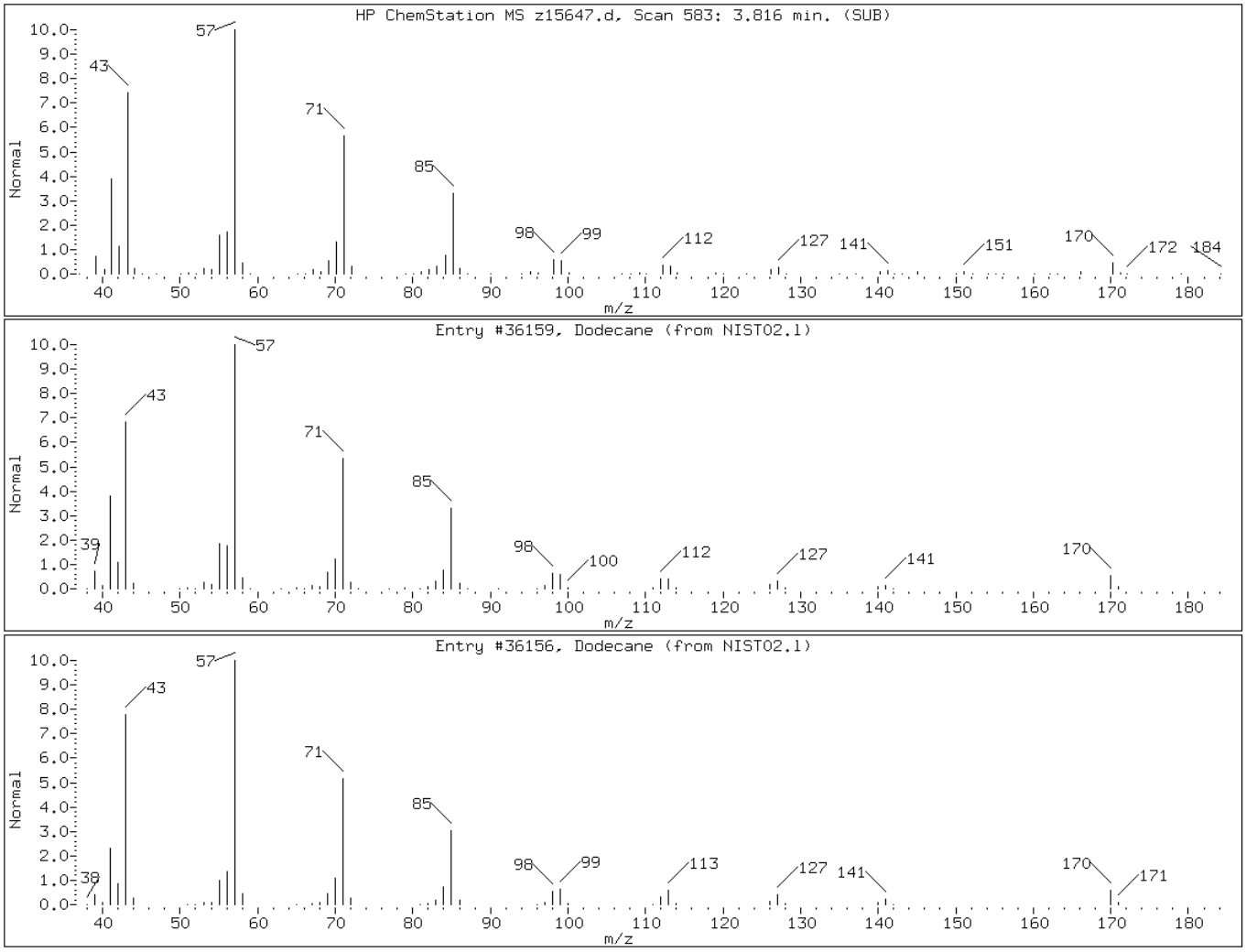
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 3.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36159	96	C12H26	170
Dodecane	112-40-3	NIST02.l	36156	90	C12H26	170



Data File: z15647.d

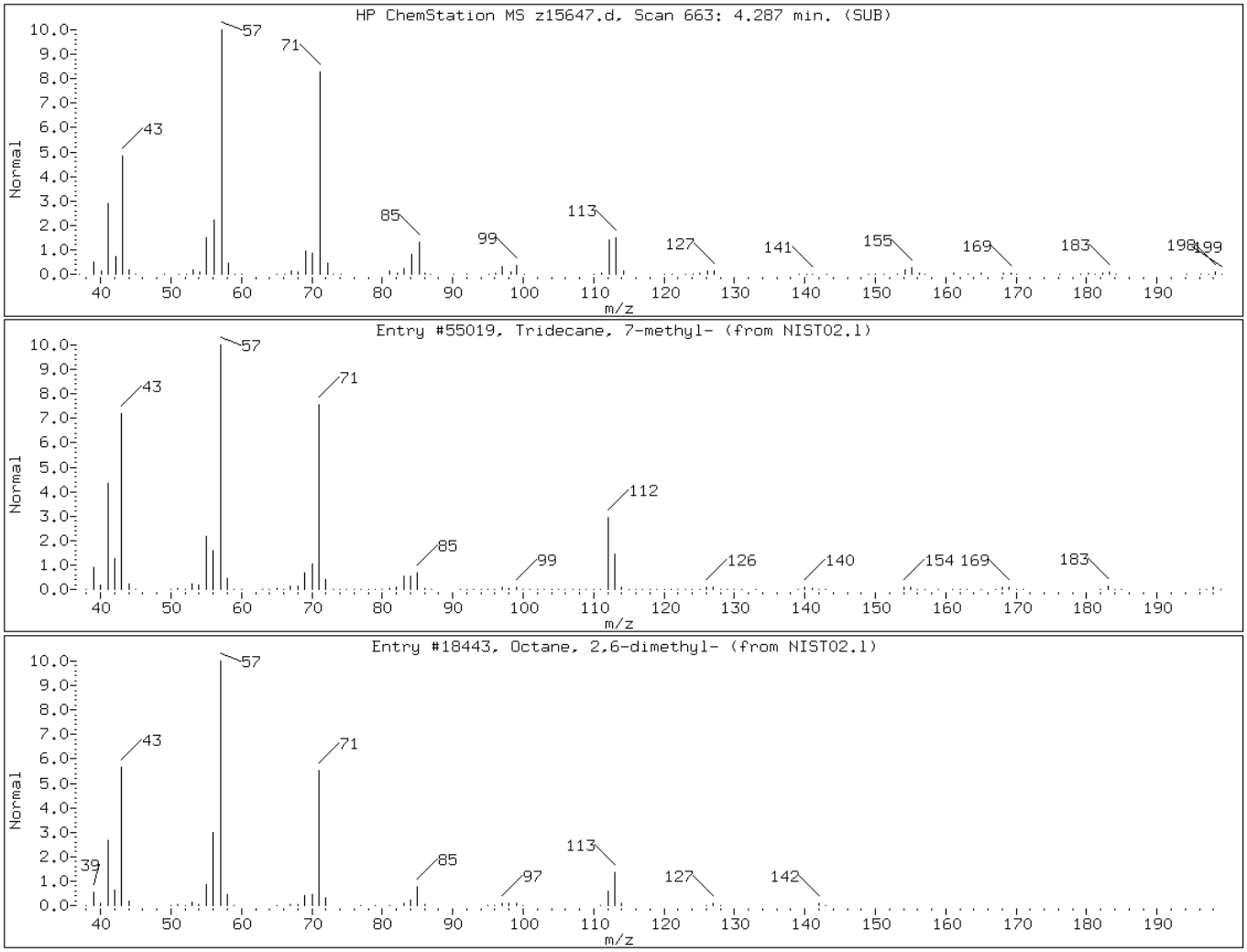
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 4.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	90	C14H30	198
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	78	C10H22	142



Data File: z15647.d

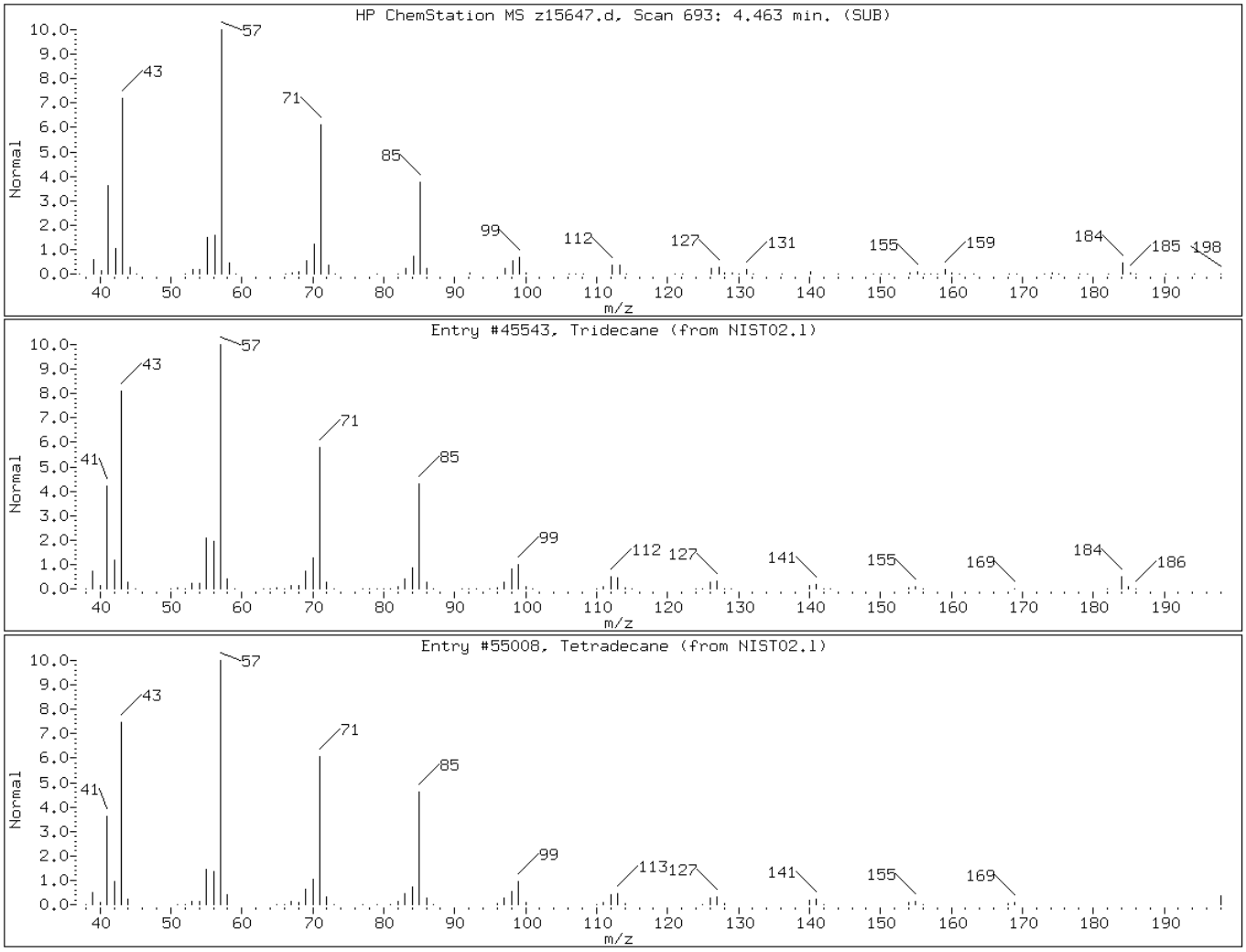
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 4.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Tridecane	629-50-5	NIST02.l	45543	95	C13H28	184
Tetradecane	629-59-4	NIST02.l	55008	93	C14H30	198



Data File: z15647.d

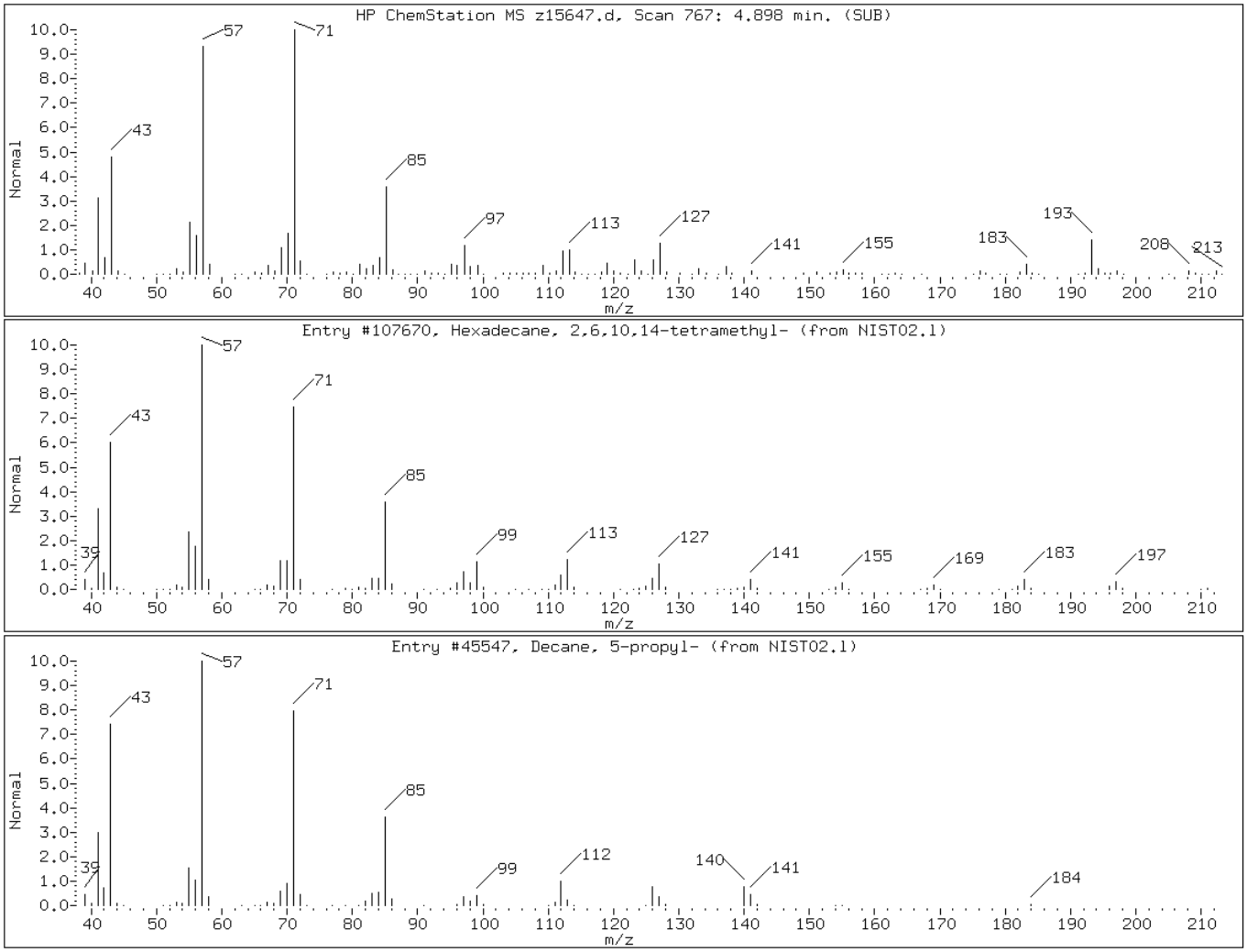
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 4.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	72	C20H42	282
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	59	C13H28	184



Data File: z15647.d

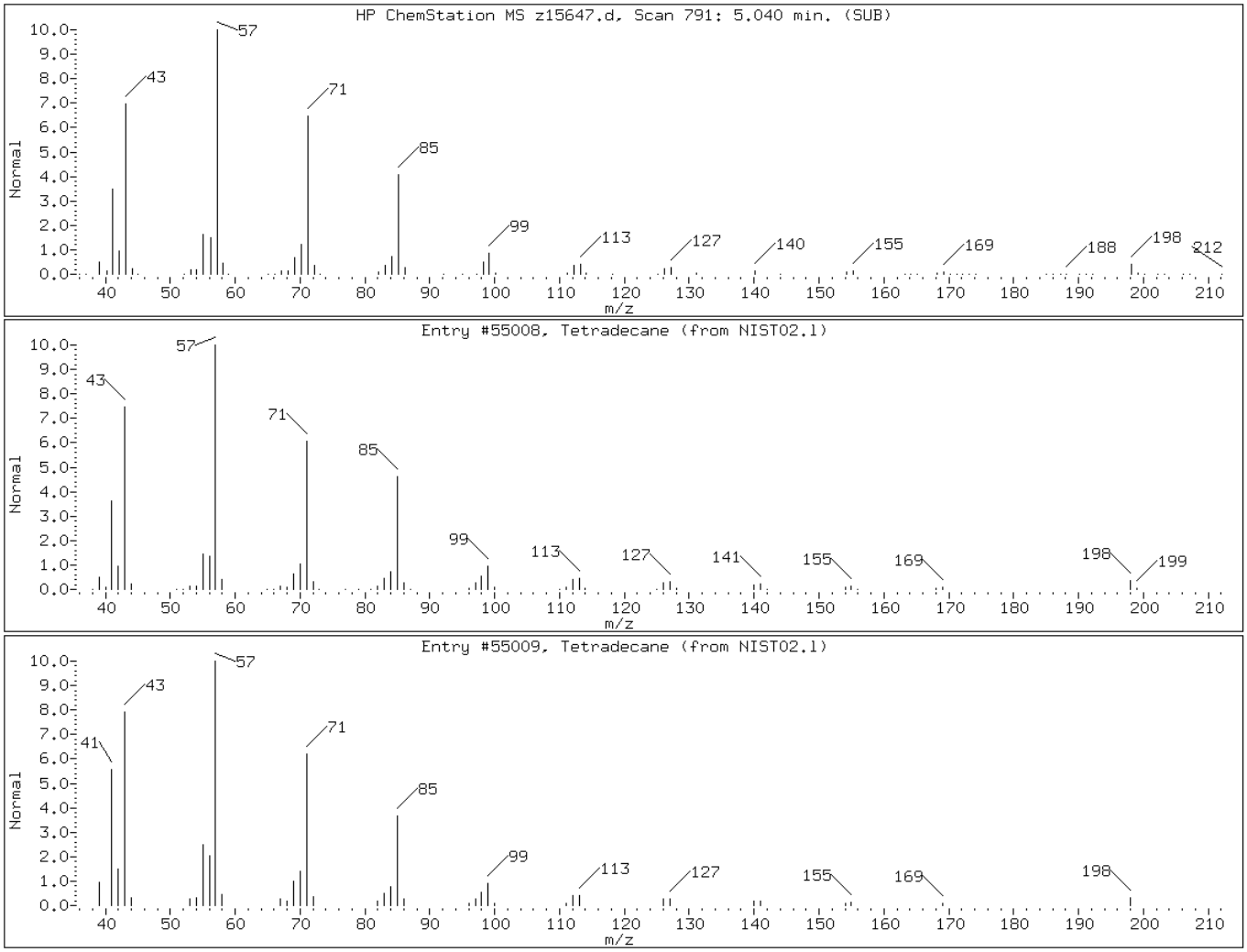
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 5.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tetradecane	629-59-4	NIST02.l	55008	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55009	94	C14H30	198



Data File: z15647.d

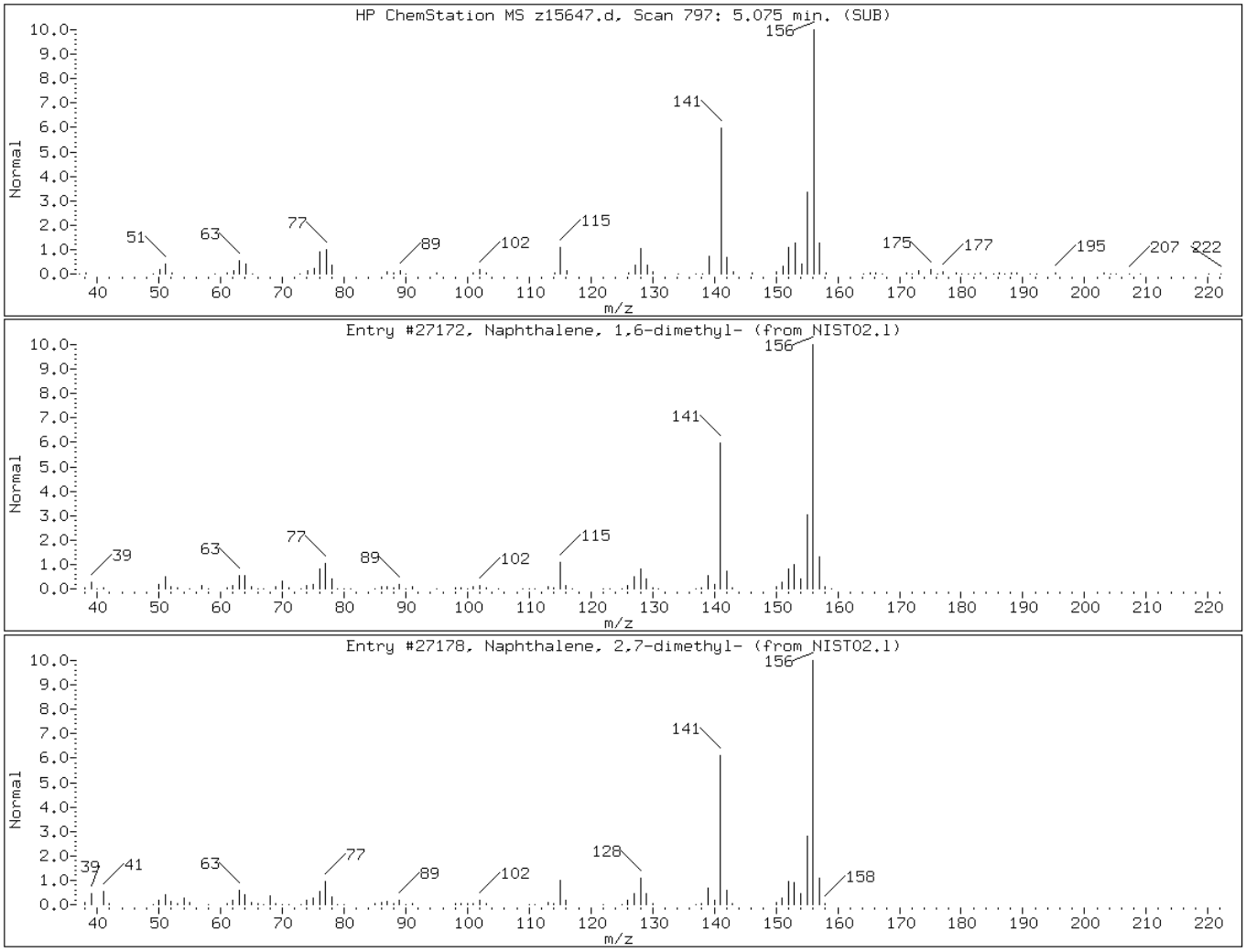
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 5.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-1						
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.l	27172	97	C12H12	156
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27178	97	C12H12	156



Data File: z15647.d

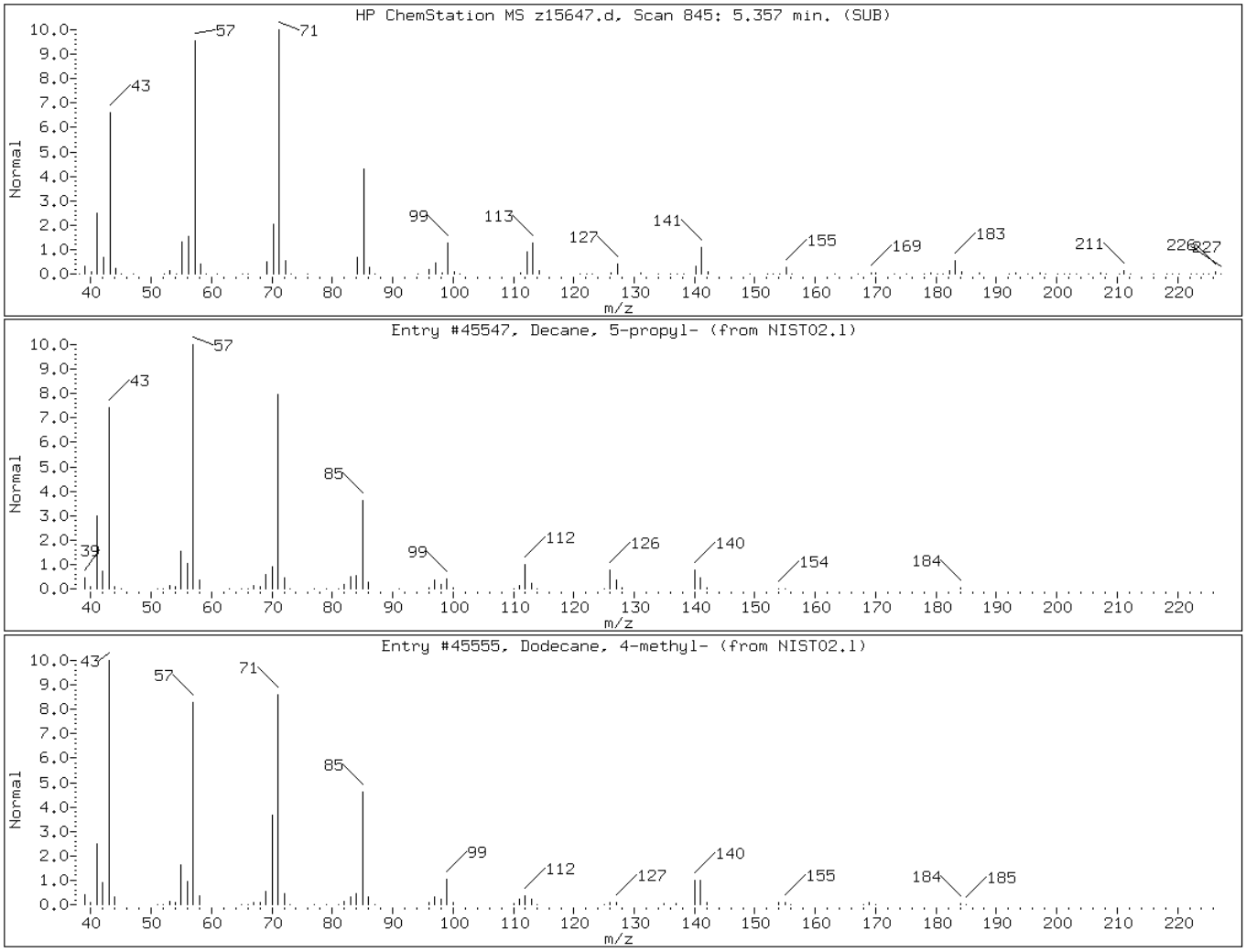
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 5.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	81	C13H28	184
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	72	C13H28	184



Data File: z15647.d

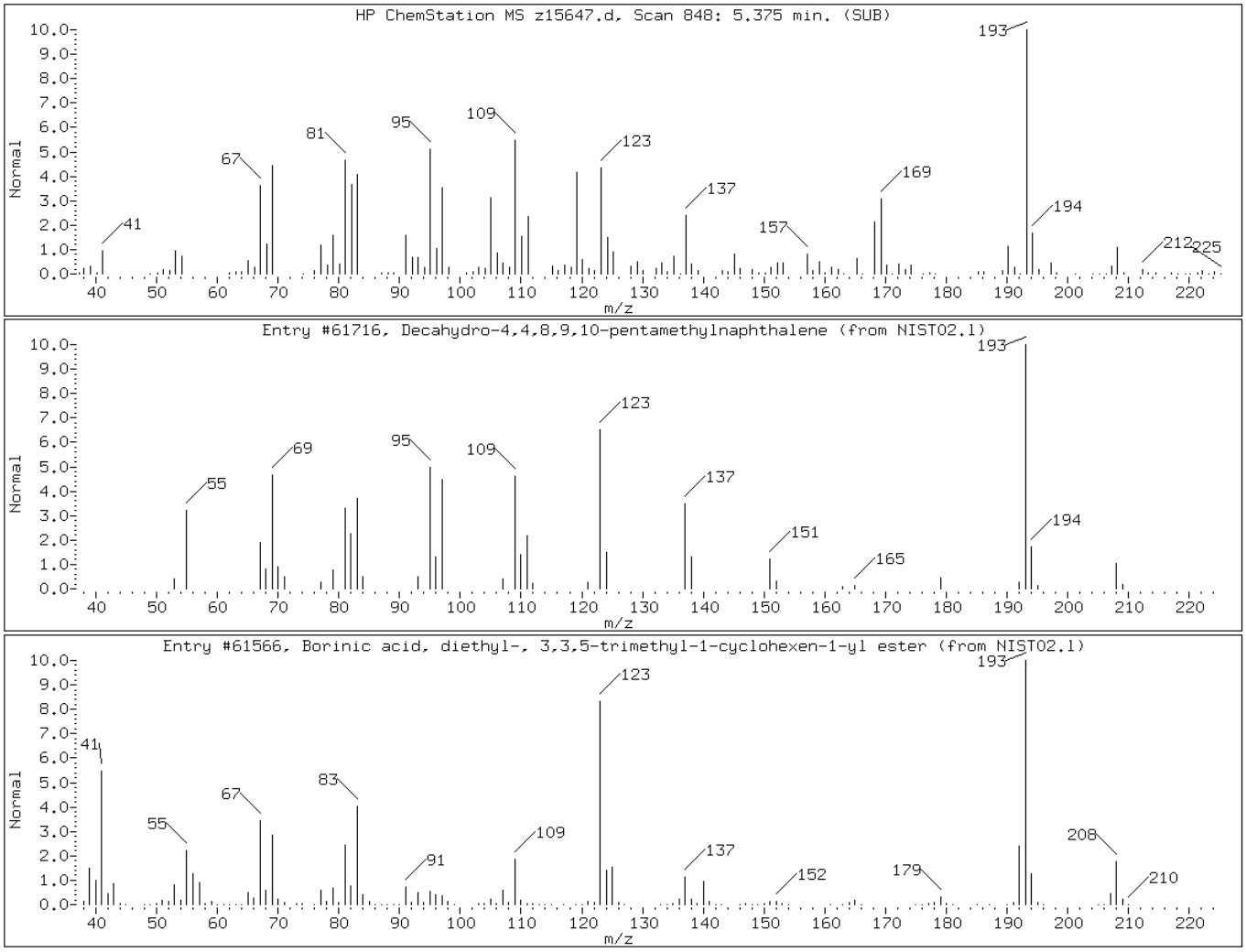
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 5.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydropentamethylnaphthalene is						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	64	C15H28	208
Borinic acid, diethyl-, 3,3,5-trim	57387-76-5	NIST02.l	61566	25	C13H25BO	208



Data File: z15647.d

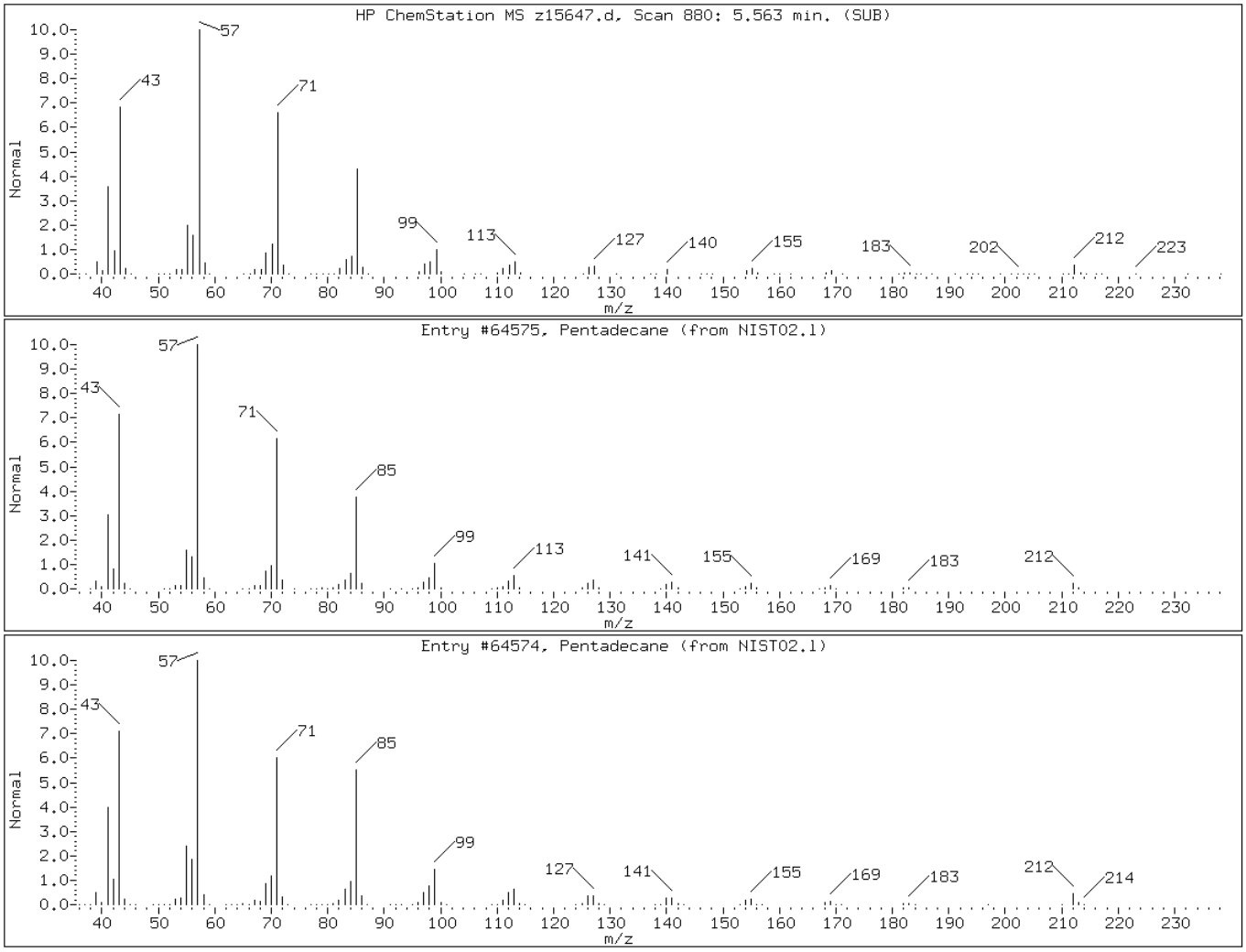
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 5.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H32 Alkane						
Pentadecane	629-62-9	NIST02.l	64575	97	C15H32	212
Pentadecane	629-62-9	NIST02.l	64574	96	C15H32	212



Data File: z15647.d

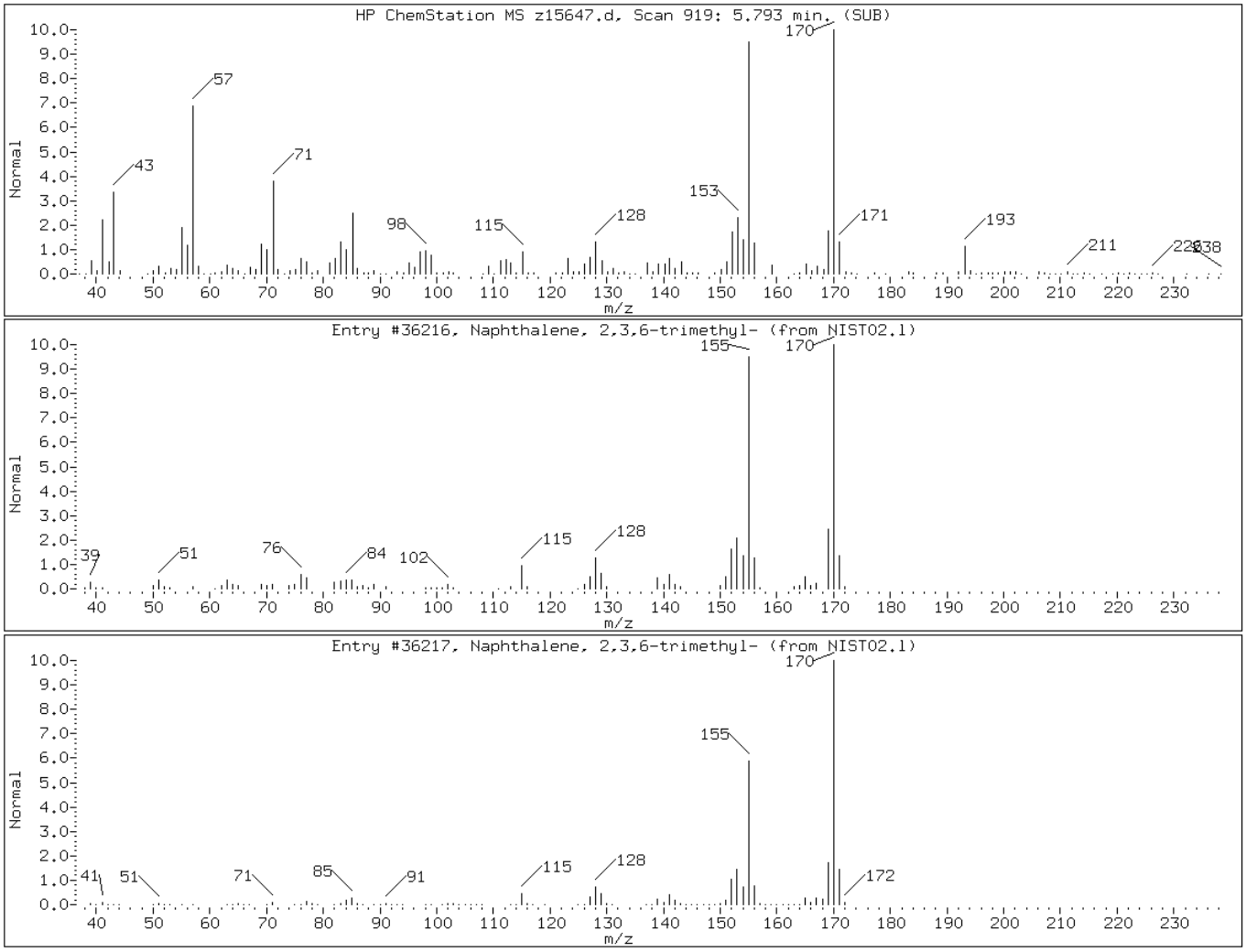
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 5.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	97	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36217	96	C13H14	170



Data File: z15647.d

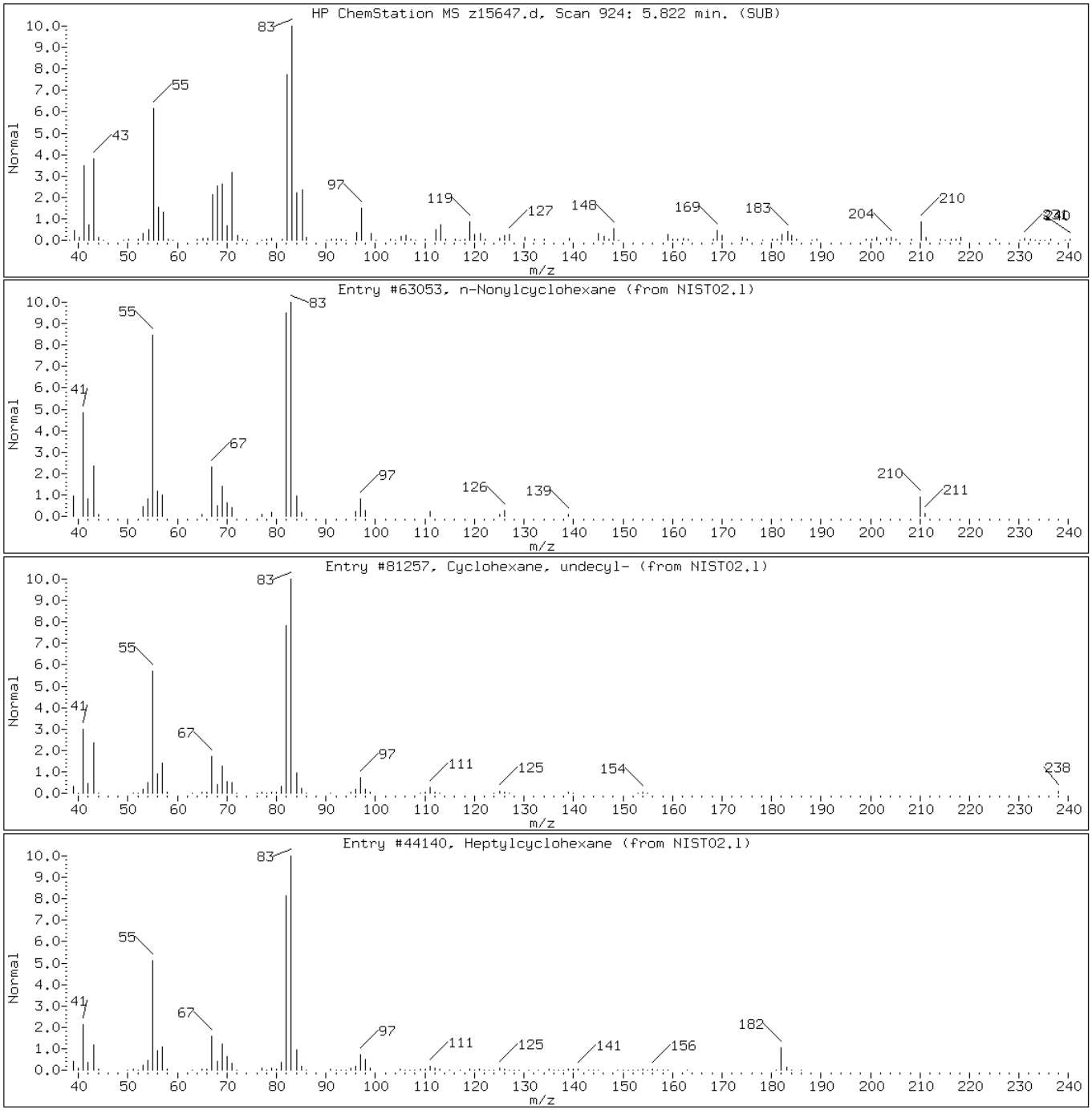
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 5.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
n-Nonylcyclohexane	2883-02-5	NIST02.l	63053	92	C15H30	210
Cyclohexane, undecyl-	54105-66-7	NIST02.l	81257	53	C17H34	238
Heptylcyclohexane	5617-41-4	NIST02.l	44140	53	C13H26	182



Data File: z15647.d

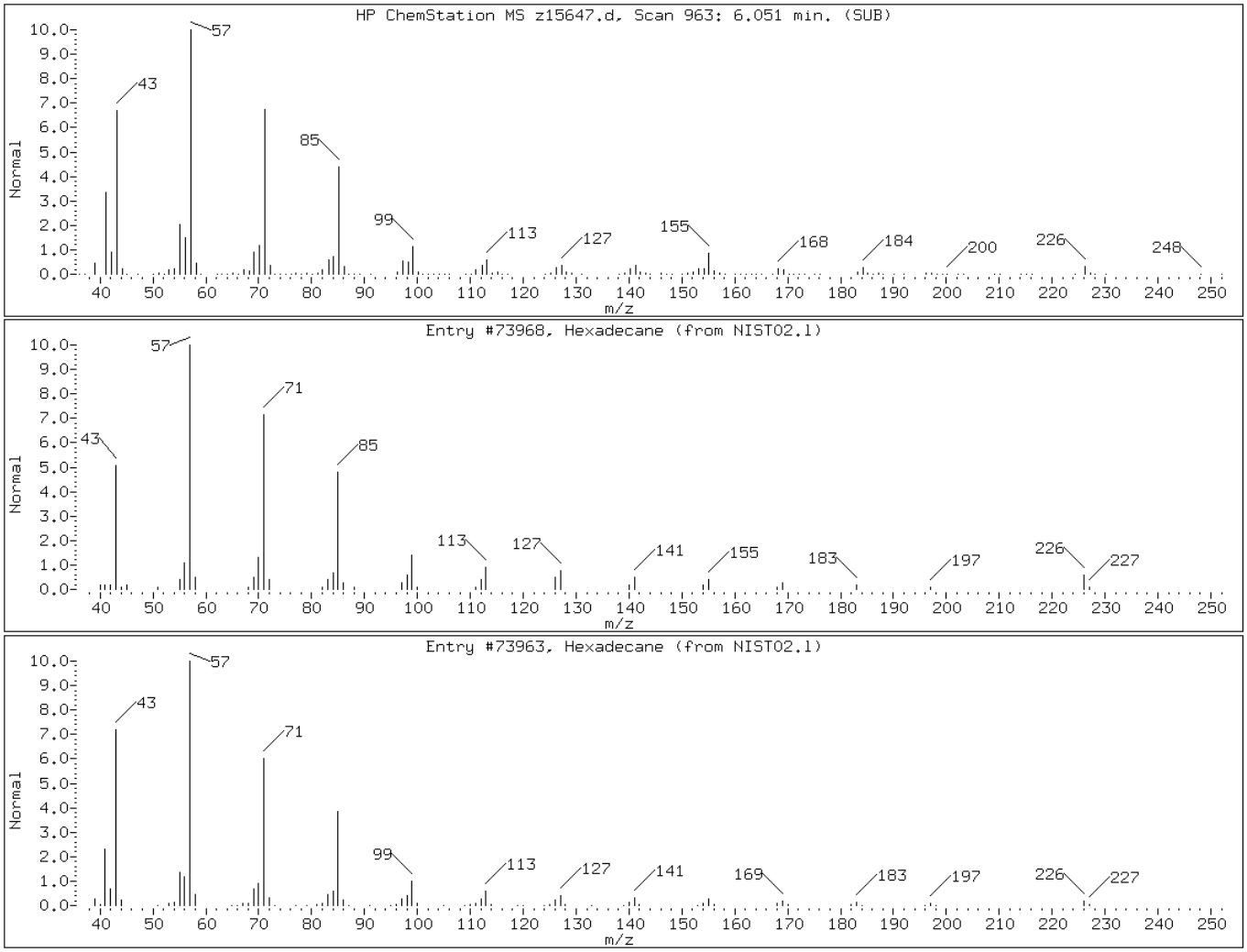
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 6.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C16H34 Alkane						
Hexadecane	544-76-3	NIST02.l	73968	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73963	96	C16H34	226



Data File: z15647.d

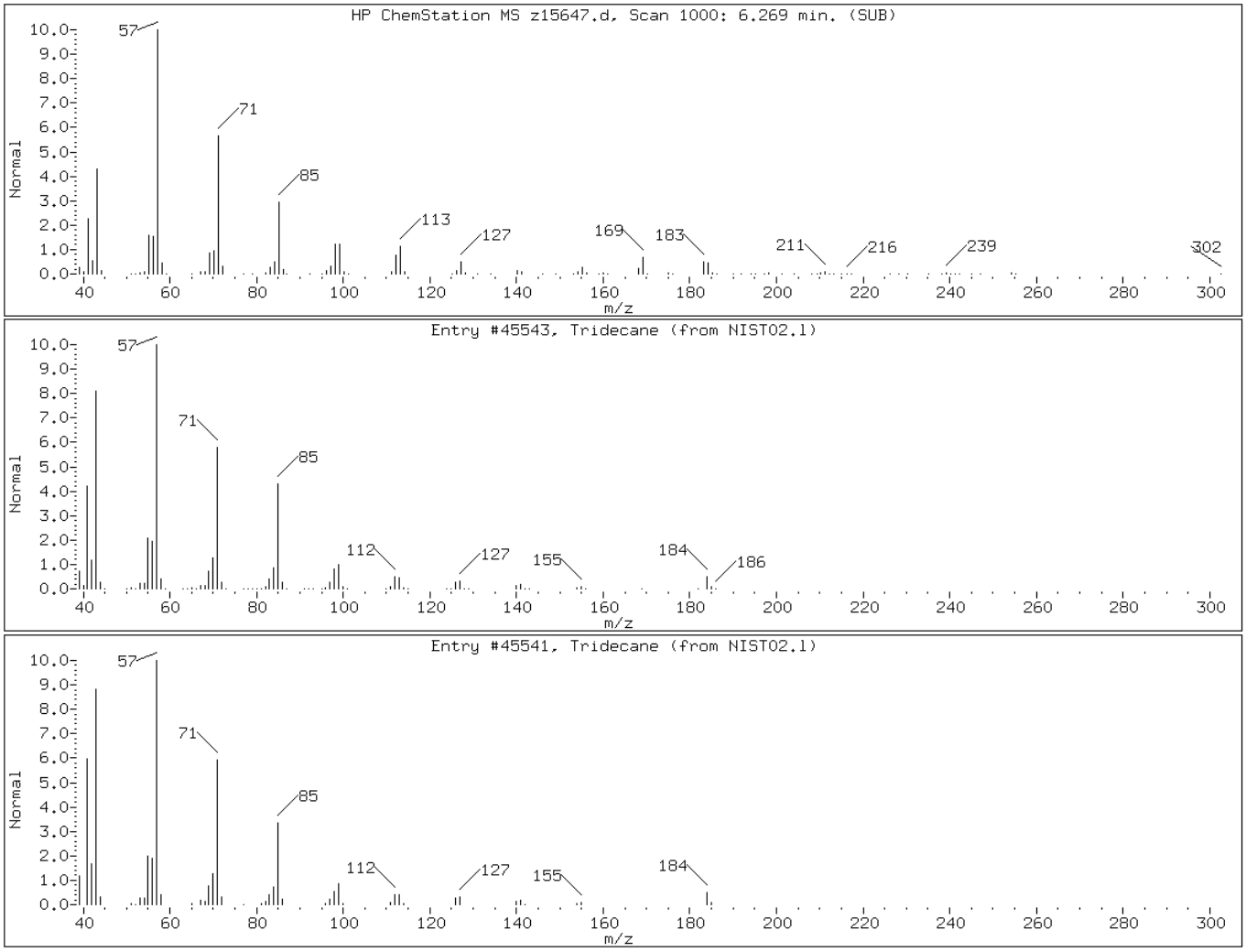
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 6.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane	629-50-5	NIST02.l	45543	80	C13H28	184
Tridecane	629-50-5	NIST02.l	45541	74	C13H28	184



Data File: z15647.d

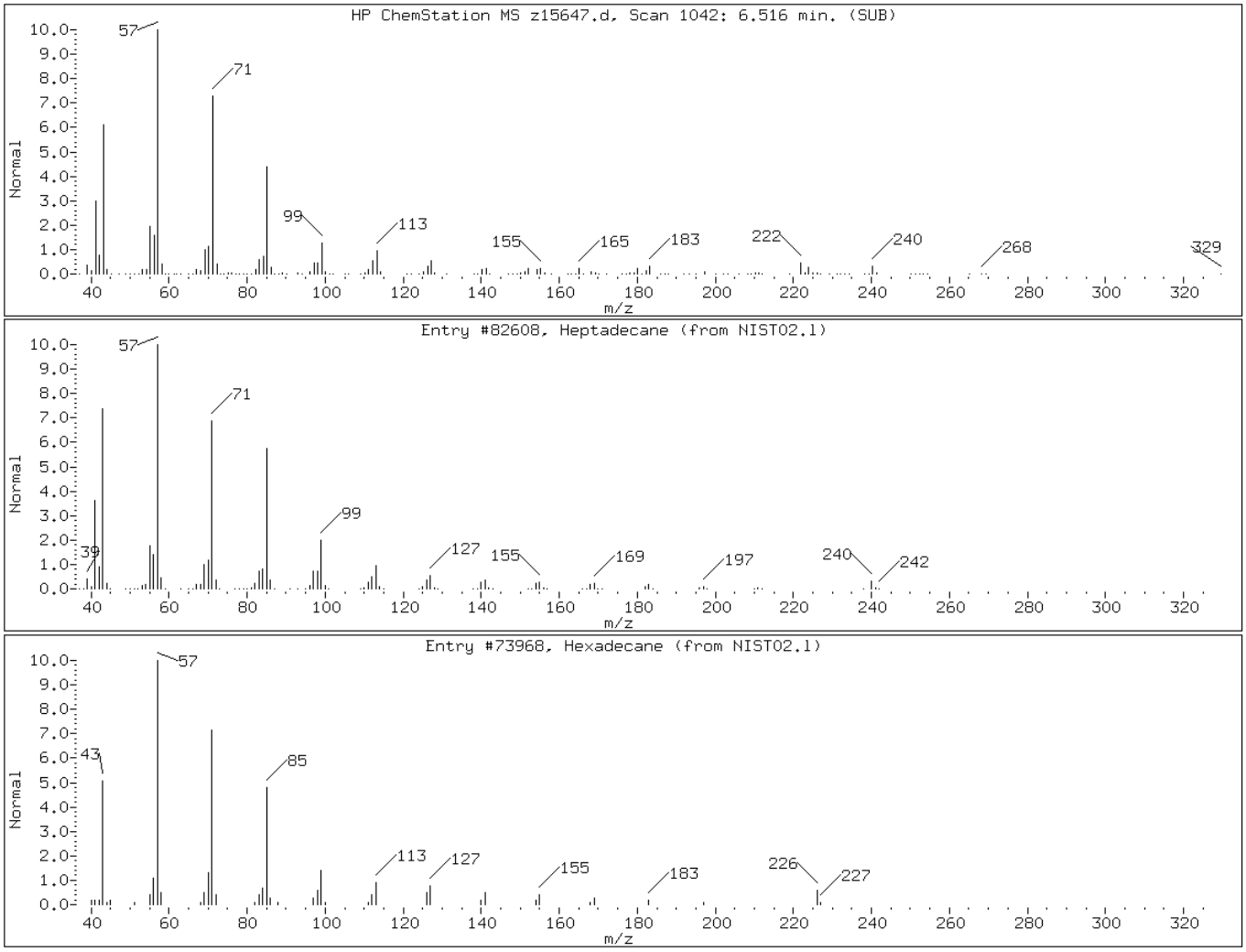
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 6.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Heptadecane	629-78-7	NIST02.l	82608	96	C17H36	240
Hexadecane	544-76-3	NIST02.l	73968	95	C16H34	226



Data File: z15647.d

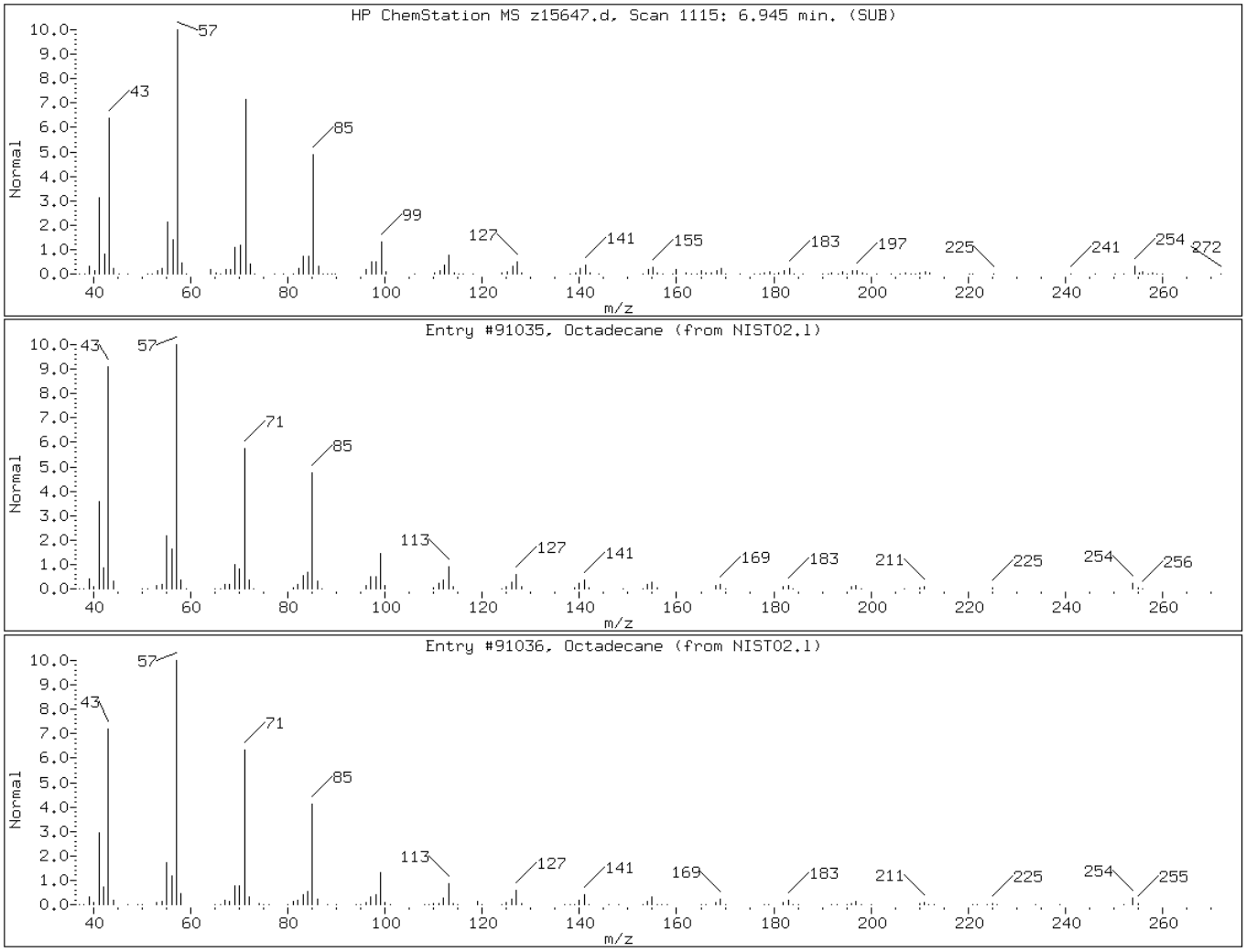
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 6.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Octadecane	593-45-3	NIST02.l	91035	98	C18H38	254
Octadecane	593-45-3	NIST02.l	91036	98	C18H38	254



Data File: z15647.d

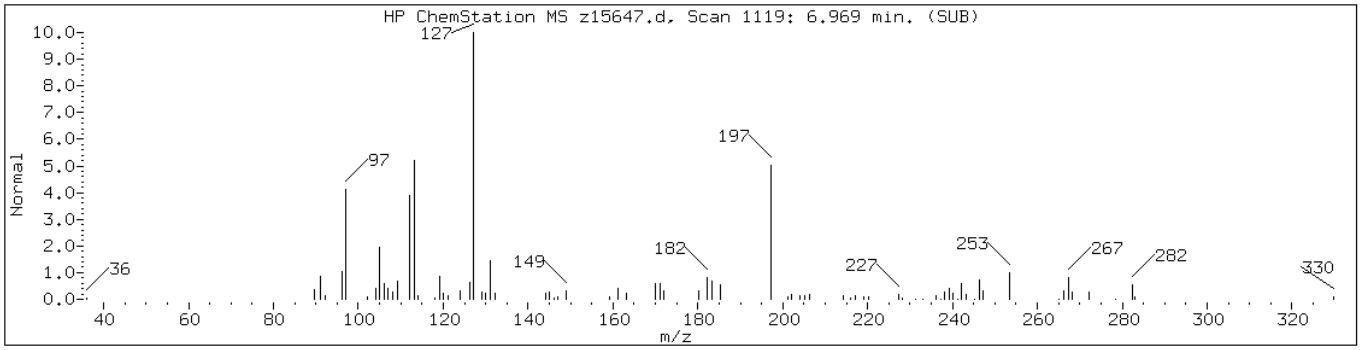
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 6.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Unknown						



Data File: z15647.d

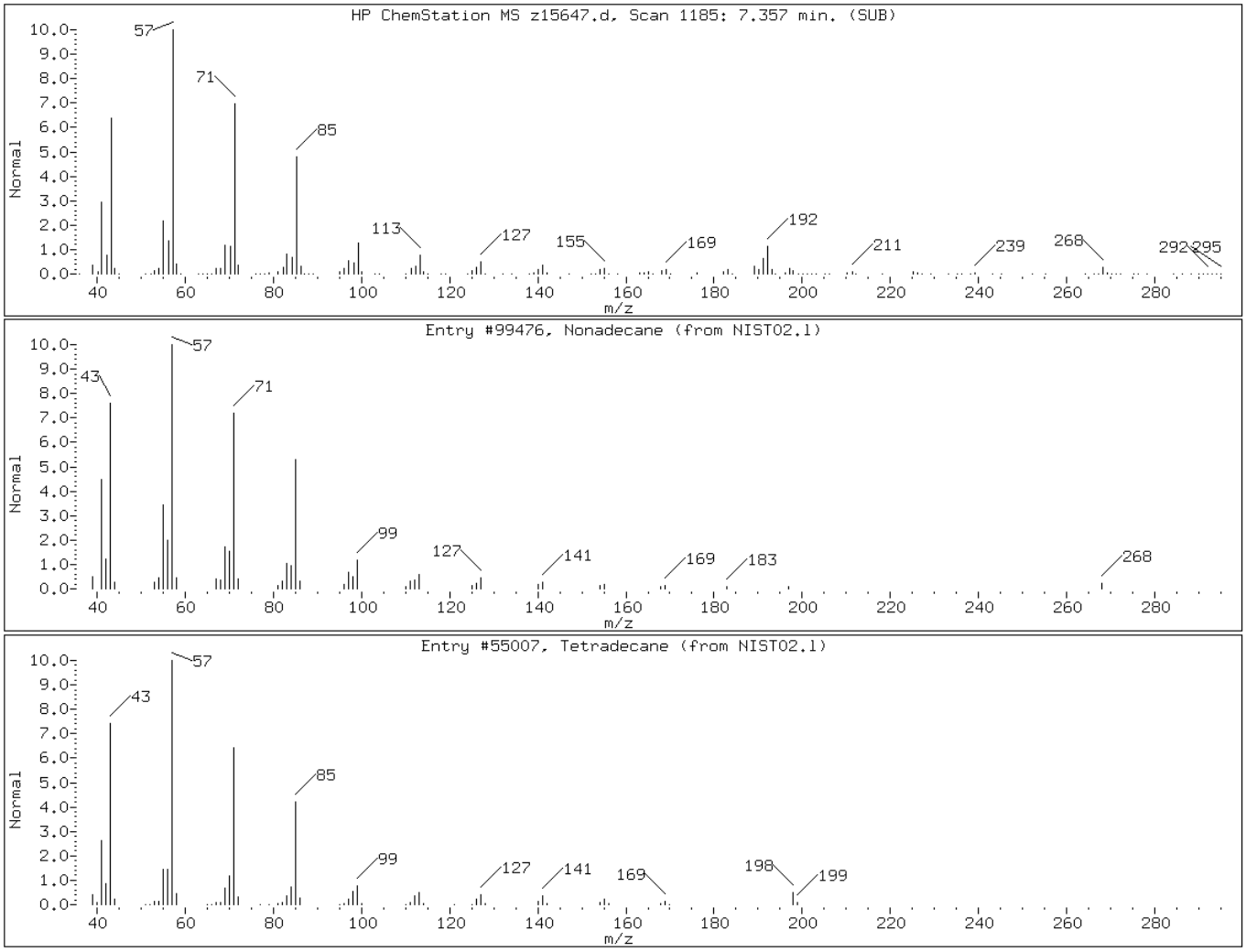
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 7.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C19H40 Alkane						
Nonadecane	629-92-5	NIST02.l	99476	97	C19H40	268
Tetradecane	629-59-4	NIST02.l	55007	95	C14H30	198



Data File: z15647.d

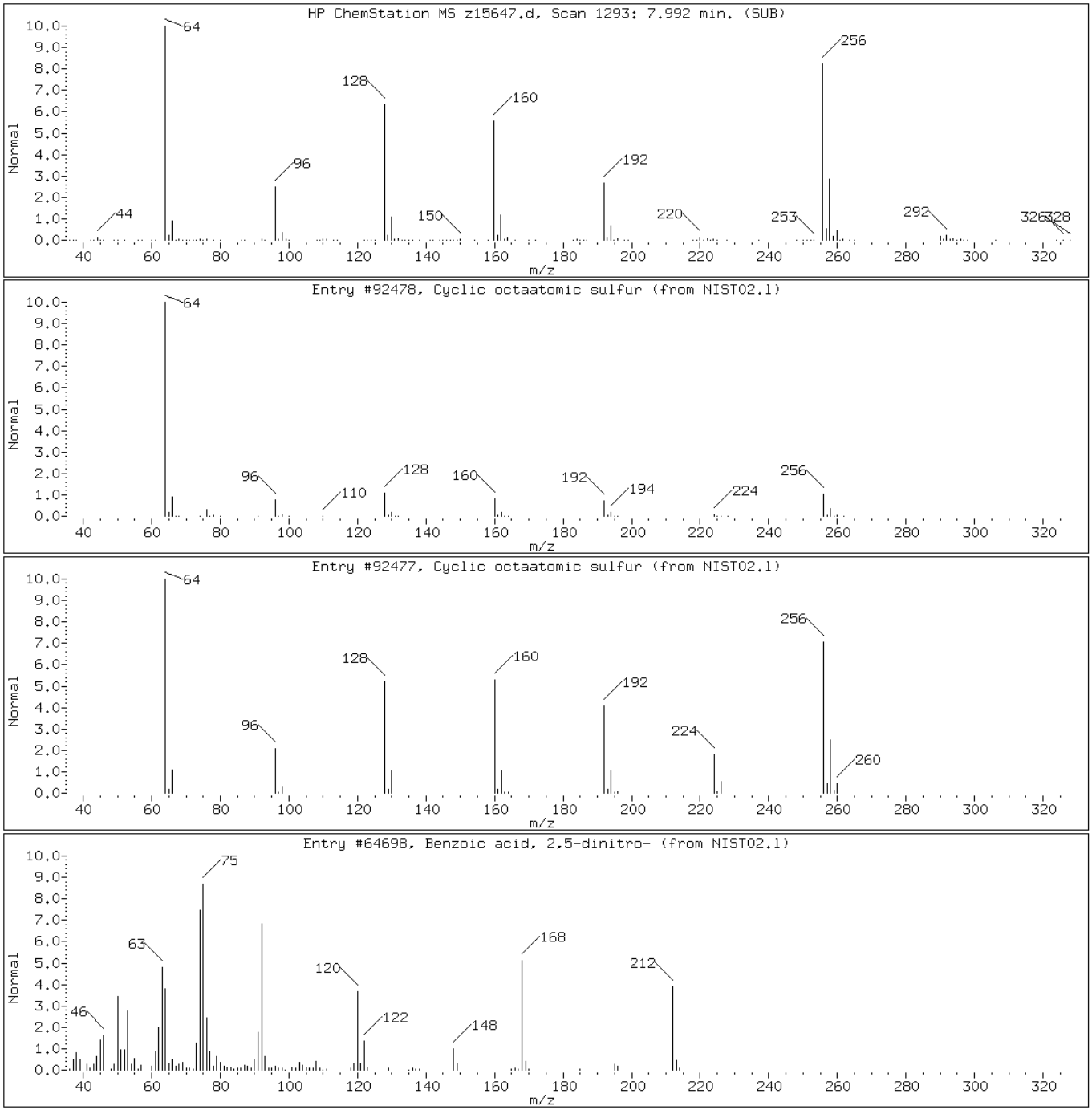
Date: 01-APR-2011 18:19

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAMS11.i

Sample Info: 460-24277-F-3-C Operator: BNAMS 4

Retention Time: 7.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic octaatomic sulfur	10544-50-0	NIST02.l	92478	94	S8	256
Cyclic octaatomic sulfur	10544-50-0	NIST02.l	92477	91	S8	256
Benzoic acid, 2,5-dinitro-	610-28-6	NIST02.l	64698	43	C7H4N2O6	212



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (3.5-4) | Lab Sample ID: 460-24277-4

Matrix: Solid | Lab File ID: z15648.d

Analysis Method: 8270C | Date Collected: 03/17/2011 00:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.03(g) | Date Analyzed: 04/01/2011 18:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	49
106-44-5	4-Methylphenol	340	U	340	56
100-52-7	Benzaldehyde	340	U	340	21
98-86-2	Acetophenone	100	J	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.5
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U	340	39
88-75-5	2-Nitrophenol	340	U	340	56
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	85	J	340	50
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	70	U	70	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	58
91-57-6	2-Methylnaphthalene	110	J *	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	61
95-95-4	2,4,5-Trichlorophenol	340	U	340	66
92-52-4	Diphenyl	340	U	340	57
91-58-7	2-Chloronaphthalene	340	U	340	48
88-74-4	2-Nitroaniline	700	U	700	94
606-20-2	2,6-Dinitrotoluene	70	U	70	8.7
131-11-3	Dimethyl phthalate	340	U	340	46
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	700	U	700	78
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (3.5-4) | Lab Sample ID: 460-24277-4

Matrix: Solid | Lab File ID: z15648.d

Analysis Method: 8270C | Date Collected: 03/17/2011 00:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.03(g) | Date Analyzed: 04/01/2011 18:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	88
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	52
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	53
121-14-2	2,4-Dinitrotoluene	70	U	70	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	700	U *	700	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	340	U	340	61
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	61
86-74-8	Carbazole	340	U	340	55
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	59
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U	34	4.2
56-55-3	Benzo[a]anthracene	34	U	34	6.4
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	46
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.1
91-94-1	3,3'-Dichlorobenzidine	700	U	700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (3.5-4) | Lab Sample ID: 460-24277-4

Matrix: Solid | Lab File ID: z15648.d

Analysis Method: 8270C | Date Collected: 03/17/2011 00:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.03(g) | Date Analyzed: 04/01/2011 18:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	84		41-118
1718-51-0	Terphenyl-d14	75		16-151
118-79-6	2,4,6-Tribromophenol	90		10-120
367-12-4	2-Fluorophenol	78		37-125
321-60-8	2-Fluorobiphenyl	82		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (3.5-4) | Lab Sample ID: 460-24277-4

Matrix: Solid | Lab File ID: z15648.d

Analysis Method: 8270C | Date Collected: 03/17/2011 00:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.03(g) | Date Analyzed: 04/01/2011 18:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 49380

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C13H28 Alkane	4.47	1100	J
	Unknown Alkane-3	4.90	1800	J
	C14H30 Alkane	5.05	1700	J
	Unknown-1	5.19	1200	J
	Unknown Alkane-4	5.30	980	J
	Unknown Alkane-5	5.36	2000	J
	Decahydropentamethylnaphthalene isomer	5.39	1300	J
	C15H32 Alkane	5.57	1700	J
	Unknown Alkane-6	5.80	1500	J
	Unknown-2	5.83	1200	J
	Unknown Alkane-7	5.88	2100	J
	C16H34 Alkane	6.06	2500	J
	Unknown Alkane-8	6.27	5100	J
	Unknown-4	6.32	1300	J
	C17H36 Alkane	6.53	8400	J
	Unknown Alkane-9	6.96	4200	J
	Unknown Alkane-10	6.99	5100	J
	Unknown-5	7.12	1600	J
	Unknown Alkane-11	7.37	2700	J
	Unknown Alkane-12	7.76	1900	J

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15648.d
Report Date: 02-Apr-2011 15:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15648.d
Lab Smp Id: 460-24277-F-4-C Client Smp ID: DUP-031711 (3.5-4)
Inj Date : 01-APR-2011 18:41
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24277-F-4-C
Misc Info : 460-24277-F-4-C
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/8270C_08SP.m
Meth Date : 01-Apr-2011 17:32 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	3.83973	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.322	1.287	(0.565)	905522	78.2892	5400
$ 17 Phenol-d5 (SUR)	99	2.104	2.110	(0.899)	1131794	83.8735	5800
21 1,3-Dichlorobenzene	146	2.287	2.287	(0.977)	2774	0.17868	12(a)
* 79 1,4-Dichlorobenzene-d4	152	2.340	2.346	(1.000)	371890	40.0000	
22 1,4-Dichlorobenzene	146	2.357	2.357	(1.008)	10188	0.66150	46(a)
23 1,2-Dichlorobenzene	146	2.499	2.499	(1.068)	4075	0.27969	19(a)
104 Acetophenone	105	2.763	2.793	(1.181)	22535	1.47295	100(a)
$ 76 Nitrobenzene-d5 (SUR)	82	2.916	2.928	(0.794)	542643	38.8016	2700
30 1,2,4-Trichlorobenzene	180	3.640	3.640	(0.990)	34219	2.86714	200(H)
* 80 Naphthalene-d8	136	3.675	3.681	(1.000)	1334921	40.0000	
31 Naphthalene	128	3.693	3.698	(1.005)	44817	1.22493	85(a)
34 2-Methylnaphthalene	142	4.434	4.434	(1.206)	33354	1.58987	110(a)
120 1-Methylnaphthalene	142	4.528	4.522	(1.232)	23803	1.16190	80(a)

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15648.d
Report Date: 02-Apr-2011 15:12

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 77 2-Fluorobiphenyl (SUR)	172	4.840	4.840	(0.887)	900244	41.1055	2800
* 82 Acenaphthene-d10	164	5.457	5.451	(1.000)	558558	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.234	6.222	(1.142)	209577	89.9766	6200
* 83 Phenanthrene-d10	188	6.875	6.863	(1.000)	690051	40.0000	
$ 78 Terphenyl-d14	244	8.451	8.445	(0.900)	506585	37.6076	2600
* 81 Chrysene-d12	240	9.386	9.386	(1.000)	499352	40.0000	
* 84 Perylene-d12	264	10.692	10.686	(1.000)	388116	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15648.d
Report Date: 02-Apr-2011 15:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15648.d
Lab Smp Id: 460-24277-F-4-C Client Smp ID: DUP-031711 (3.5-4)
Inj Date : 01-APR-2011 18:41
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24277-F-4-C
Misc Info : 460-24277-F-4-C
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/8270C_08SP.m
Meth Date : 01-Apr-2011 17:32 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	3.83973	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	3.675	3479624	40.000
* 82 Acenaphthene-d10	5.457	3357060	40.000
* 83 Phenanthrene-d10	6.875	1986686	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane				CAS #:			
3.904	934946	10.7476588	740	0	0	80	

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15648.d
Report Date: 02-Apr-2011 15:12

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane-1					CAS #:		
3.957	1184022	13.6109111	940	0		0	80
Unknown Alkane-2					CAS #:		
4.293	1147722	13.1936324	910	0		0	80
C13H28 Alkane					CAS #:		
4.469	1435177	16.4980691	1100	0		0	80
Unknown Alkane-3					CAS #:		
4.904	2193879	26.1404816	1800	0		0	82
C14H30 Alkane					CAS #:		
5.045	2002636	23.8617861	1600	0		0	82
Unknown-1					CAS #:		
5.187	1474765	17.5720961	1200	0		0	82
Unknown Alkane-4					CAS #:		
5.298	1188704	14.1636285	980	0		0	82
Unknown Alkane-5					CAS #:		
5.363	2392977	28.5127635	2000	0		0	82
Decahydropentamethylnaphthalene isomer					CAS #:		
5.387	1539730	18.3461650	1300	0		0	82
C15H32 Alkane					CAS #:		
5.569	2024598	24.1234673	1700	0		0	82
Unknown Alkane-6					CAS #:		
5.798	1785637	21.2761996	1500	0		0	82
Unknown-2					CAS #:		
5.828	1510705	18.0003339	1200	0		0	82
Unknown Alkane-7					CAS #:		
5.881	2545865	30.3344566	2100	0		0	82
C16H34 Alkane					CAS #:		
6.063	3053849	36.3871848	2500	0		0	82
Unknown-3					CAS #:		
6.087	1188225	14.1579237	980	0		0	82

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15648.d
Report Date: 02-Apr-2011 15:12

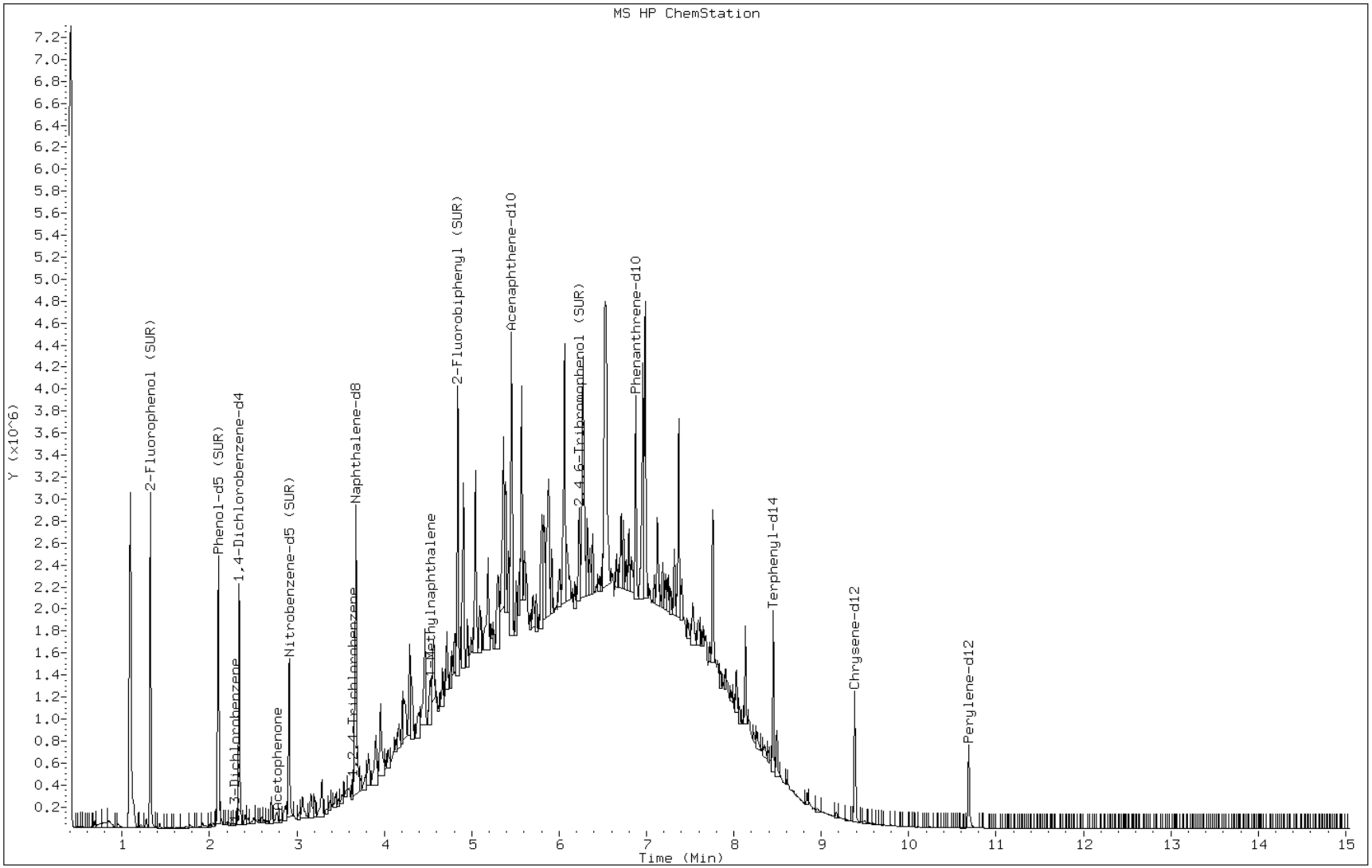
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-8					CAS #:		
6.275	3688302	74.2603689	5100	0		0	83
Unknown-4					CAS #:		
6.322	911746	18.3571239	1300	0		0	83
C17H36 Alkane					CAS #:		
6.528	6061502	122.042429	8400	0		0	83
Unknown Alkane-9					CAS #:		
6.957	2987741	60.1552494	4200	0		0	83
Unknown Alkane-10					CAS #:		
6.987	3671454	73.9211402	5100	0		0	83
Unknown-5					CAS #:		
7.122	1117705	22.5039058	1600	0		0	83
Unknown Alkane-11					CAS #:		
7.369	1970439	39.6728653	2700	0		0	83
Unknown Alkane-12					CAS #:		
7.757	1359077	27.3636943	1900	0		0	83

Data File: z15648.d

Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4



Data File: z15648.d

Date: 01-APR-2011 18:41

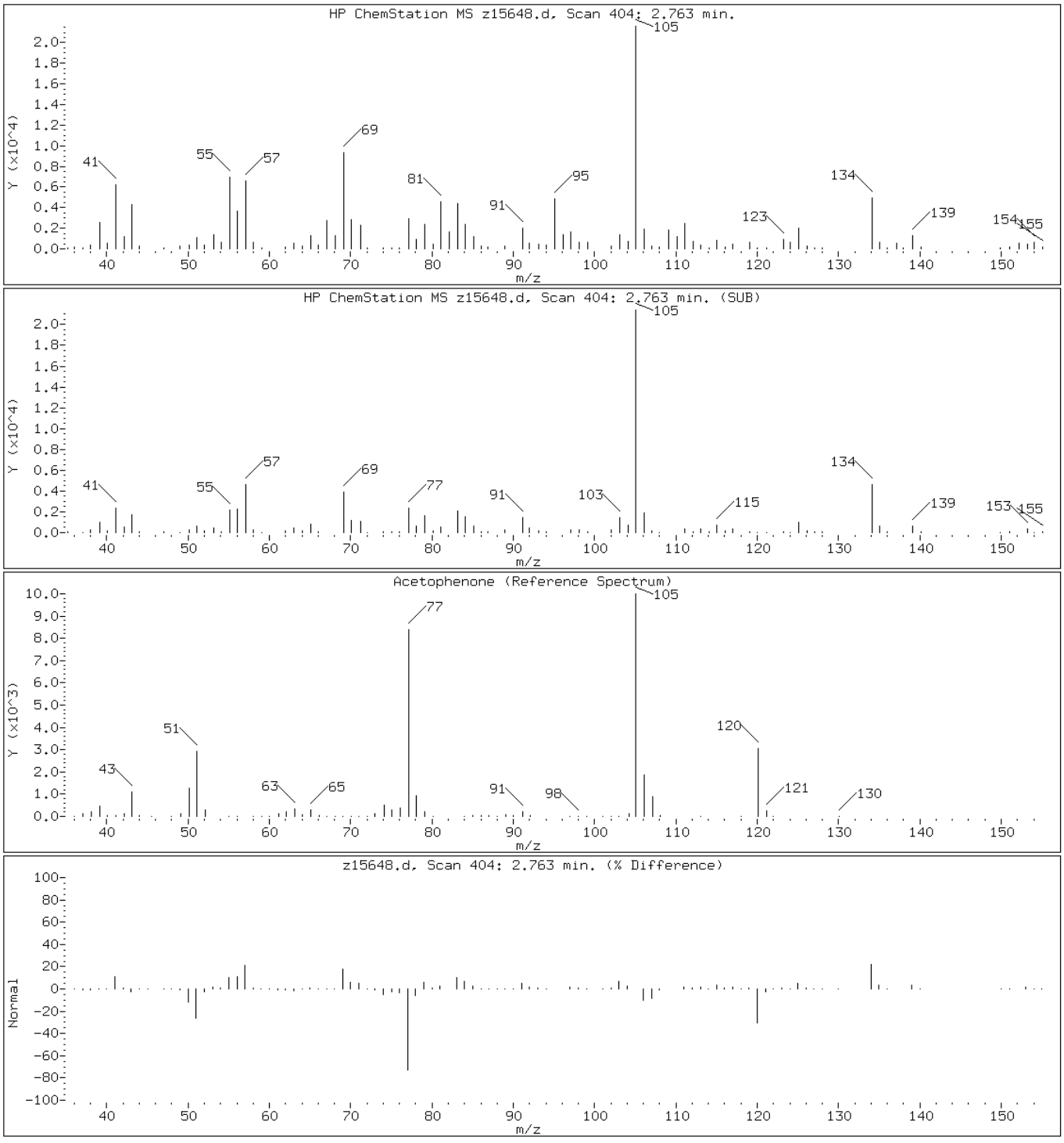
Client ID: DUP-031711 (3.5-4)

Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C

Operator: BNAMS 4

104 Acetophenone



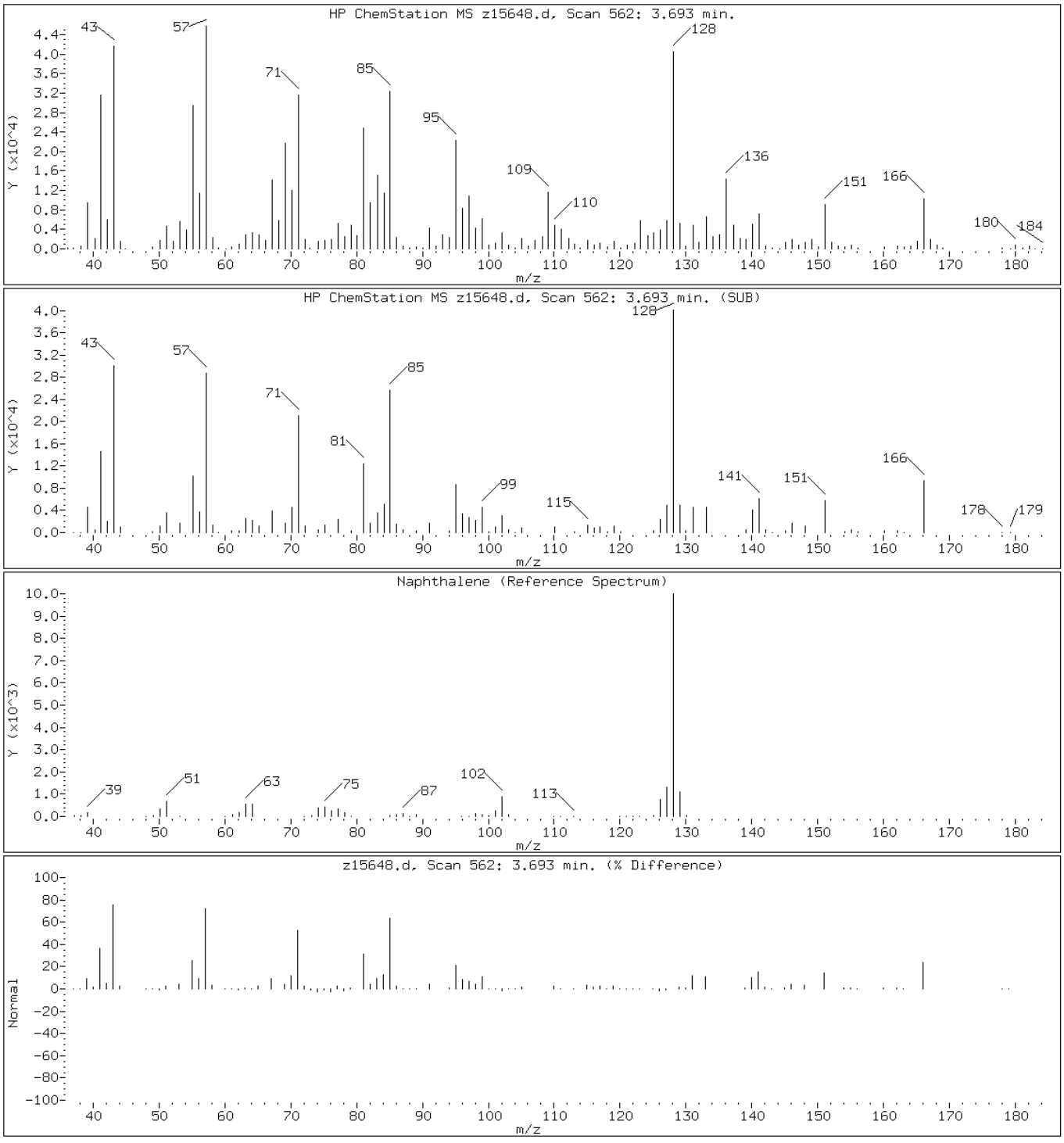
Data File: z15648.d

Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

31 Naphthalene



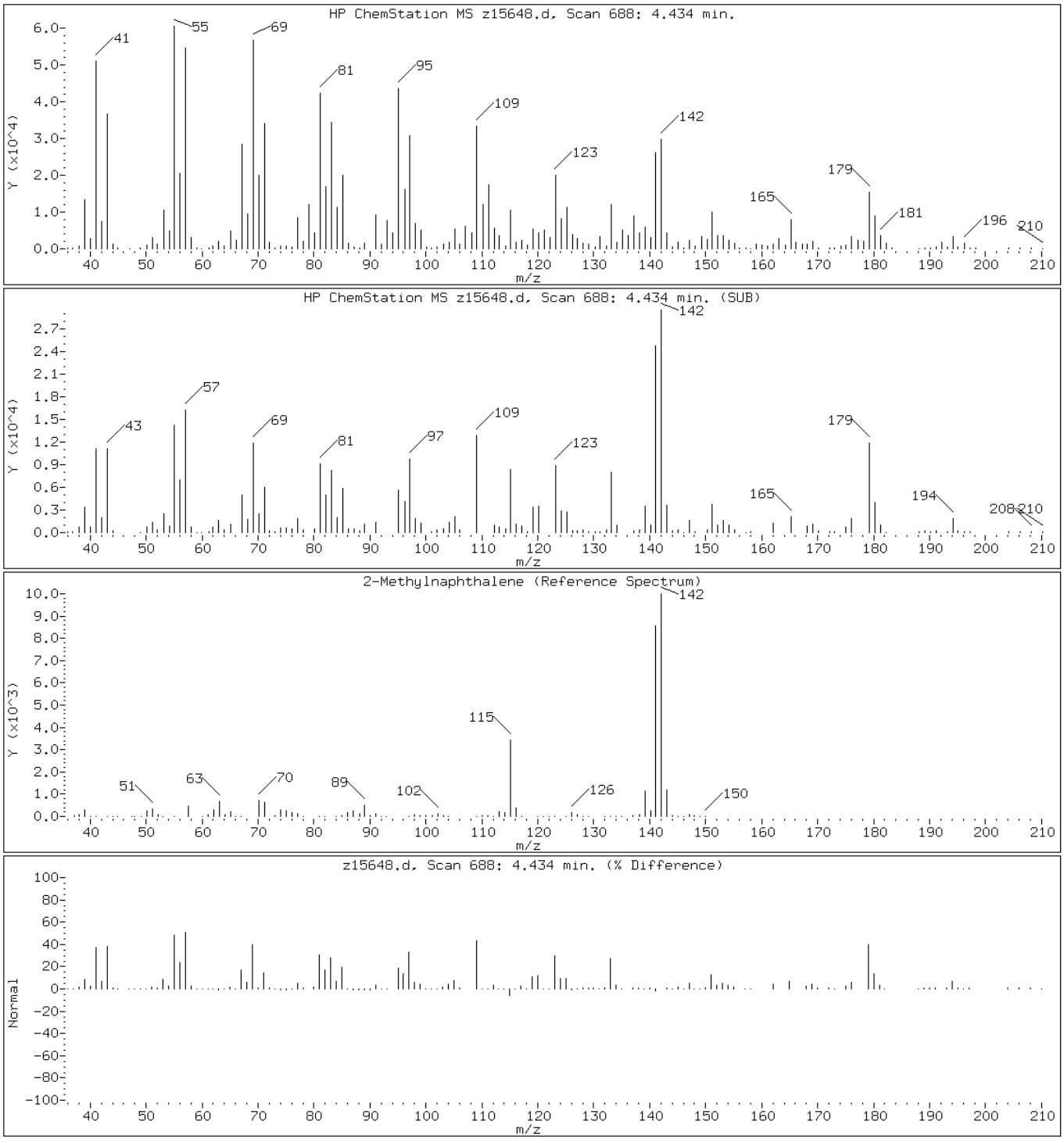
Data File: z15648.d

Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: z15648.d

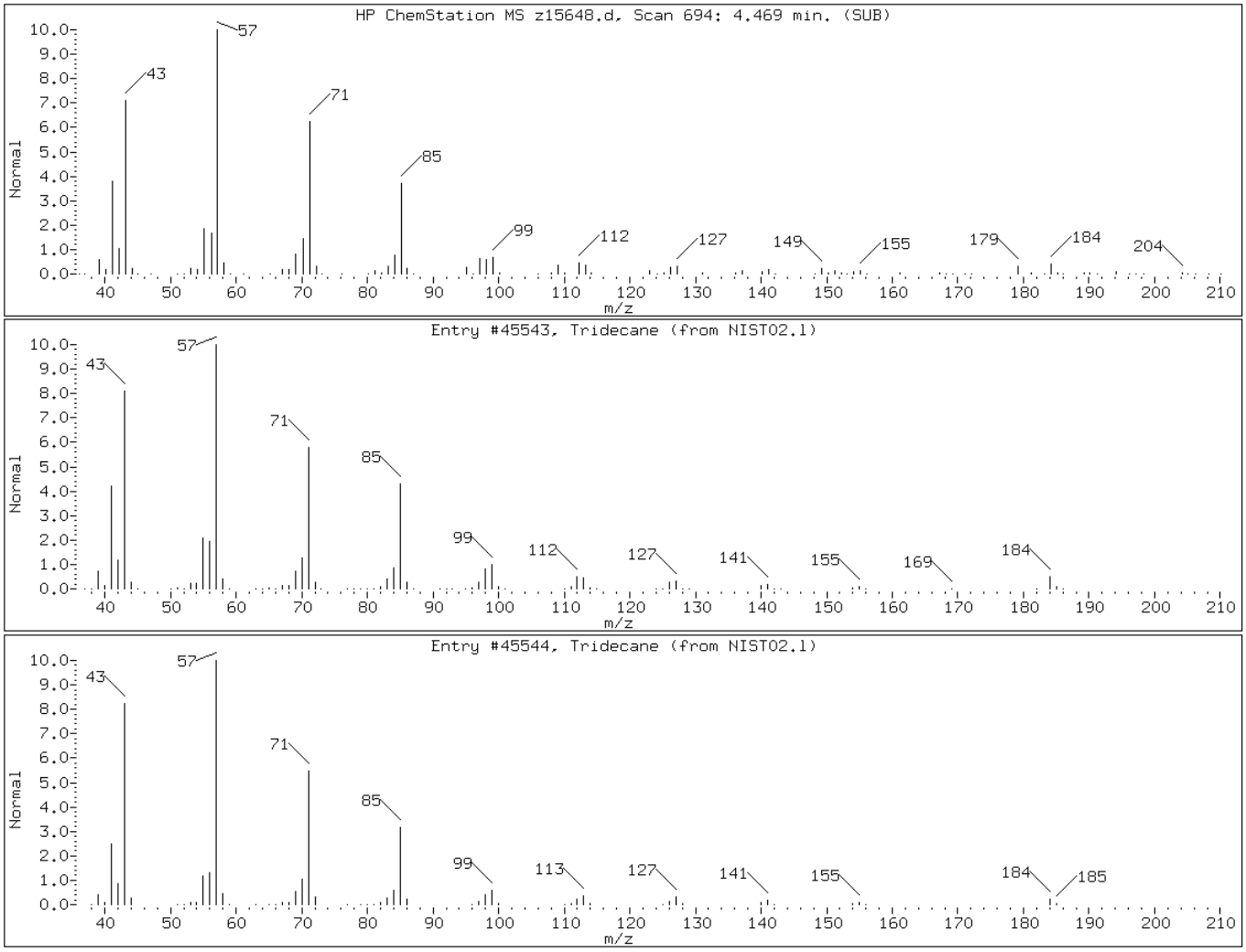
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 4.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Tridecane	629-50-5	NIST02.l	45543	96	C13H28	184
Tridecane	629-50-5	NIST02.l	45544	94	C13H28	184



Data File: z15648.d

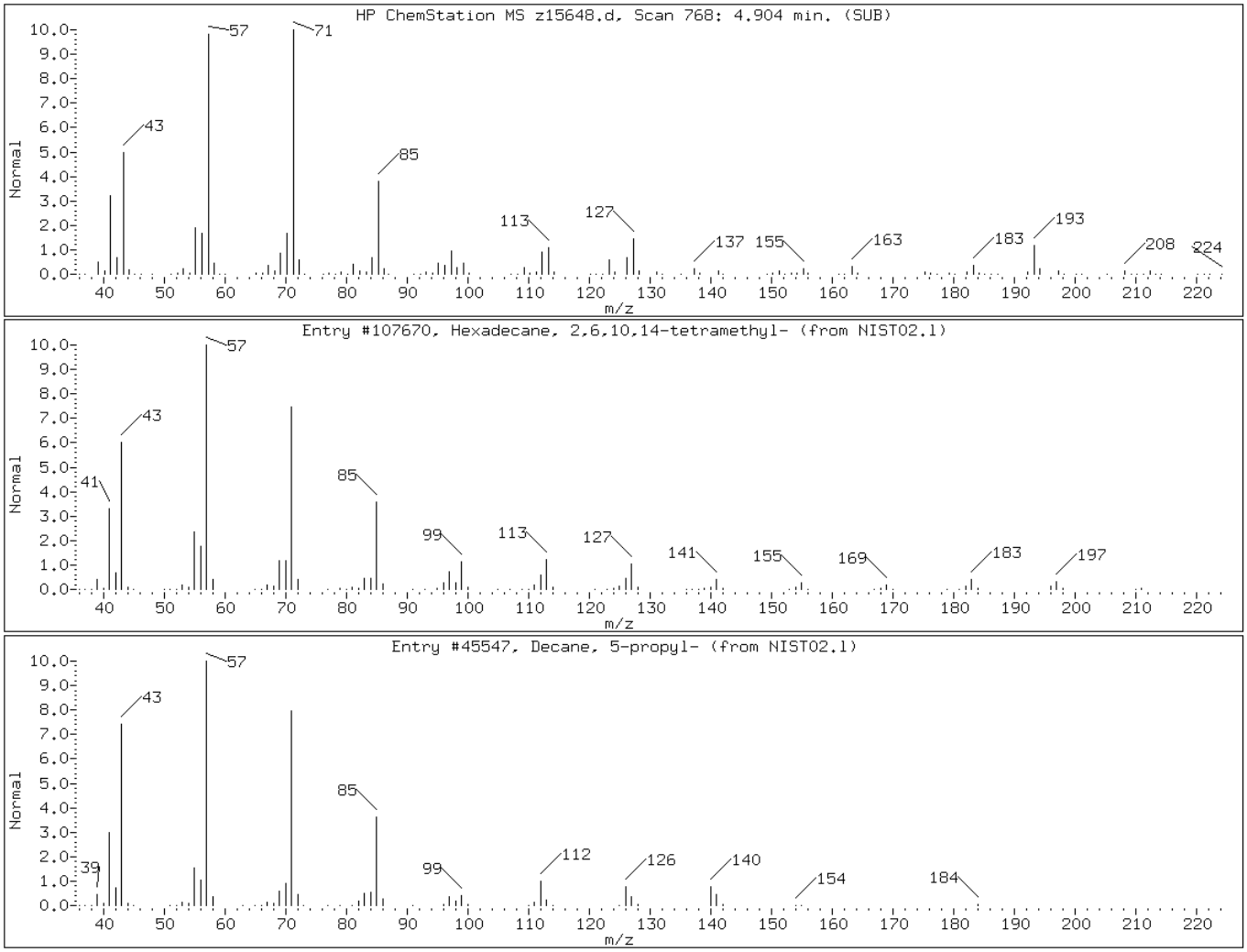
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 4.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	78	C20H42	282
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	76	C13H28	184



Data File: z15648.d

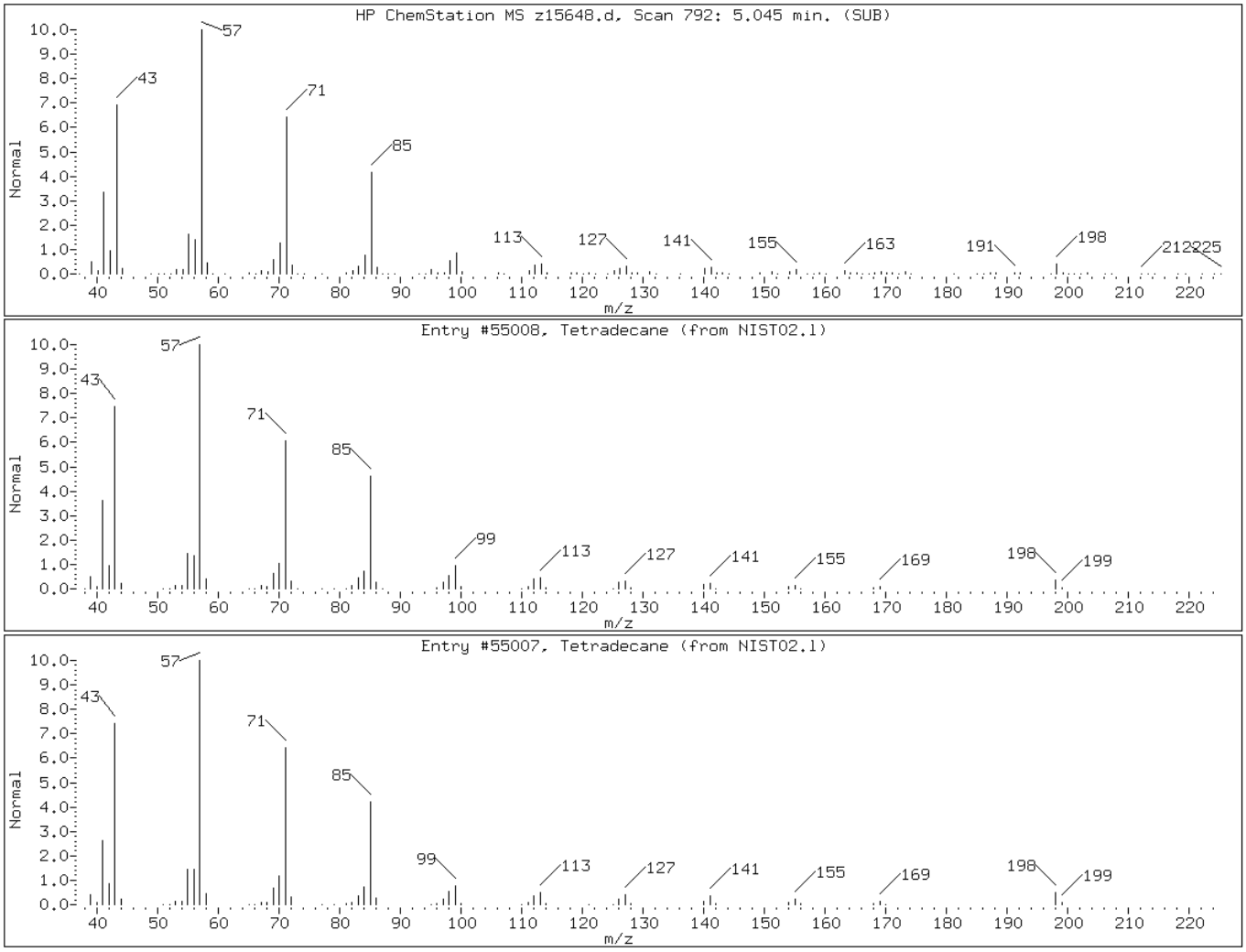
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 5.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C14H30 Alkane						
Tetradecane	629-59-4	NIST02.l	55008	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	95	C14H30	198



Data File: z15648.d

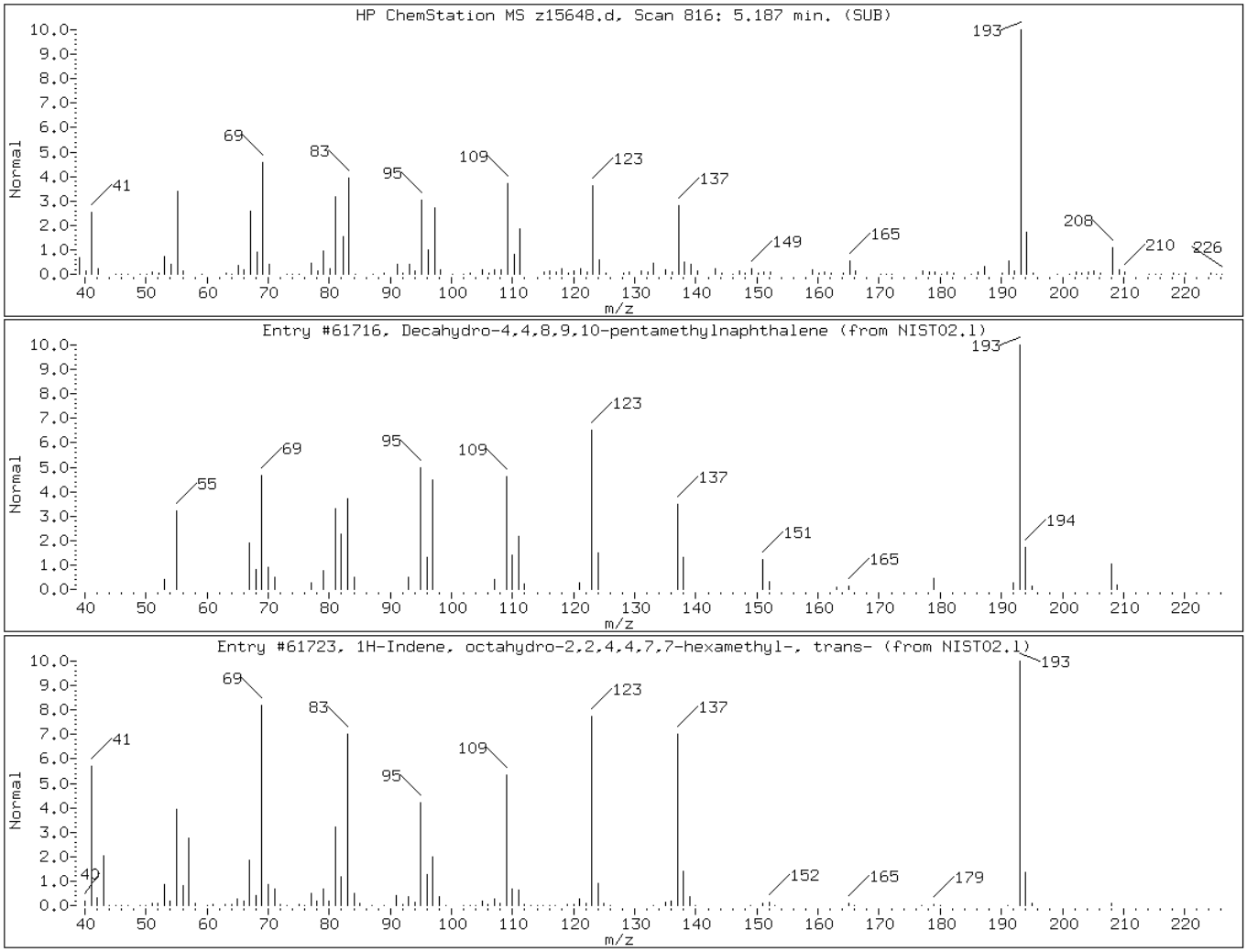
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 5.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	58	C15H28	208
1H-Indene, octahydro-2,2,4,4,7,7-h	54832-83-6	NIST02.l	61723	43	C15H28	208



Data File: z15648.d

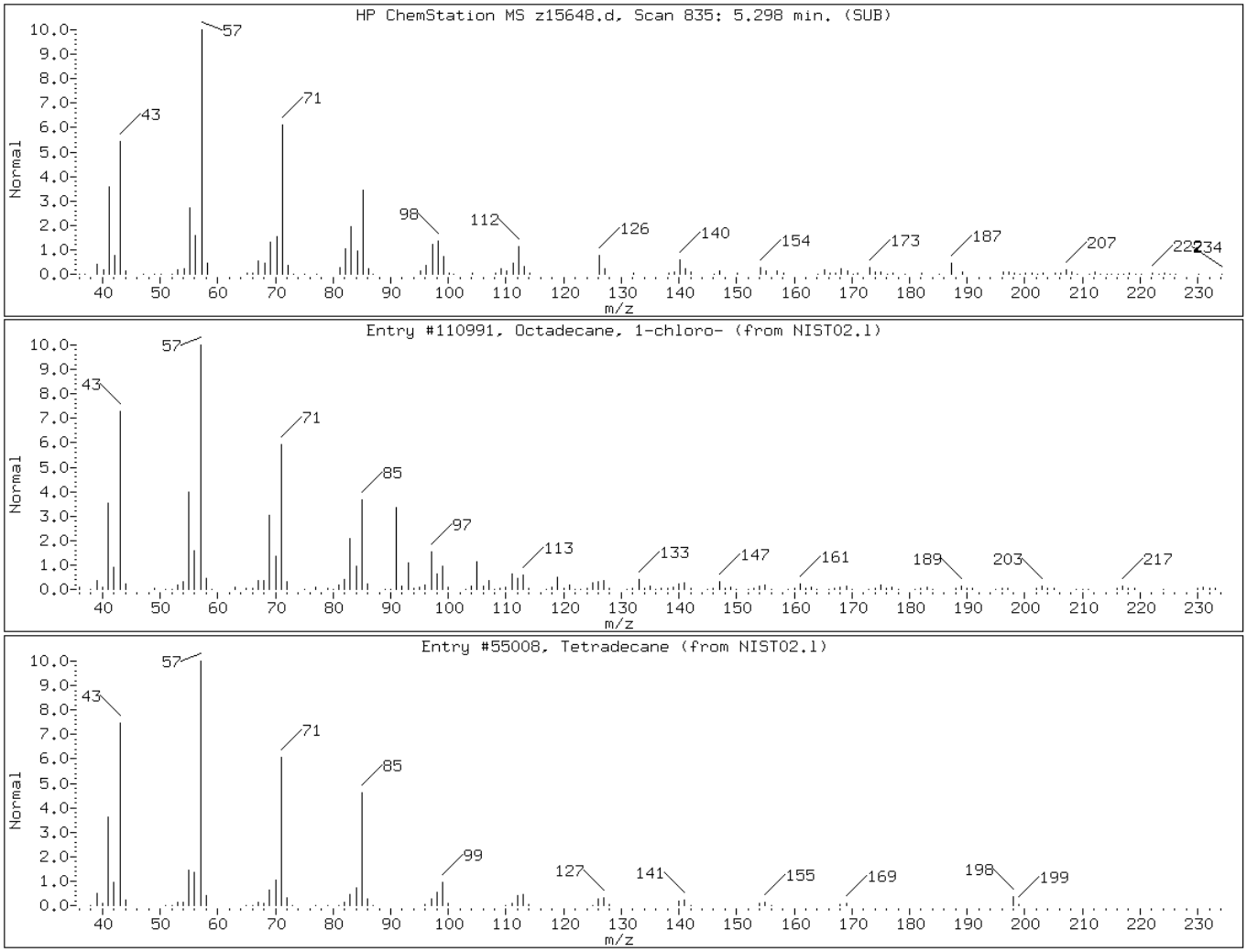
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 5.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Octadecane, 1-chloro-	3386-33-2	NIST02.l	110991	80	C18H37Cl	288
Tetradecane	629-59-4	NIST02.l	55008	52	C14H30	198



Data File: z15648.d

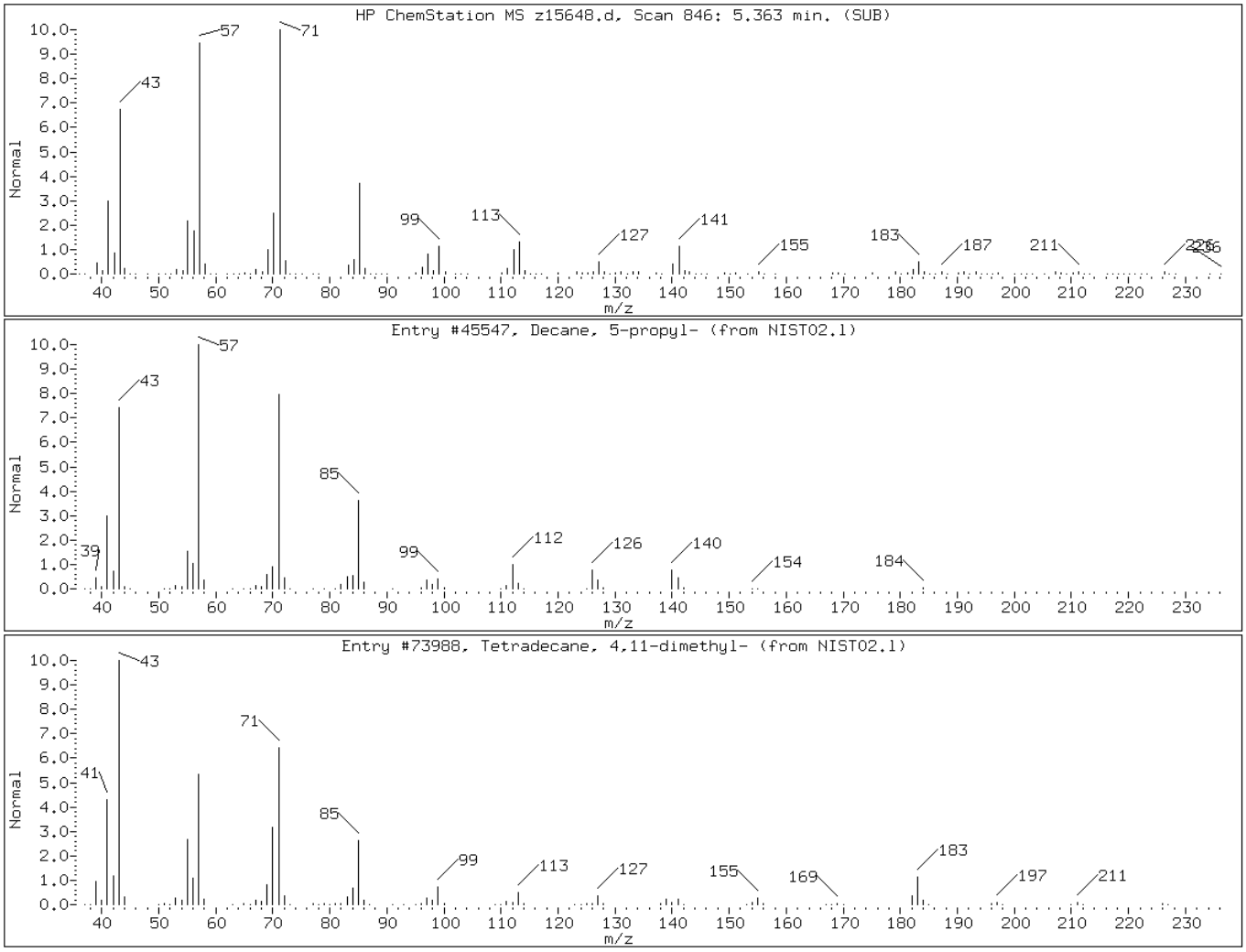
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 5.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	76	C13H28	184
Tetradecane, 4,11-dimethyl-	55045-12-0	NIST02.l	73988	62	C16H34	226



Data File: z15648.d

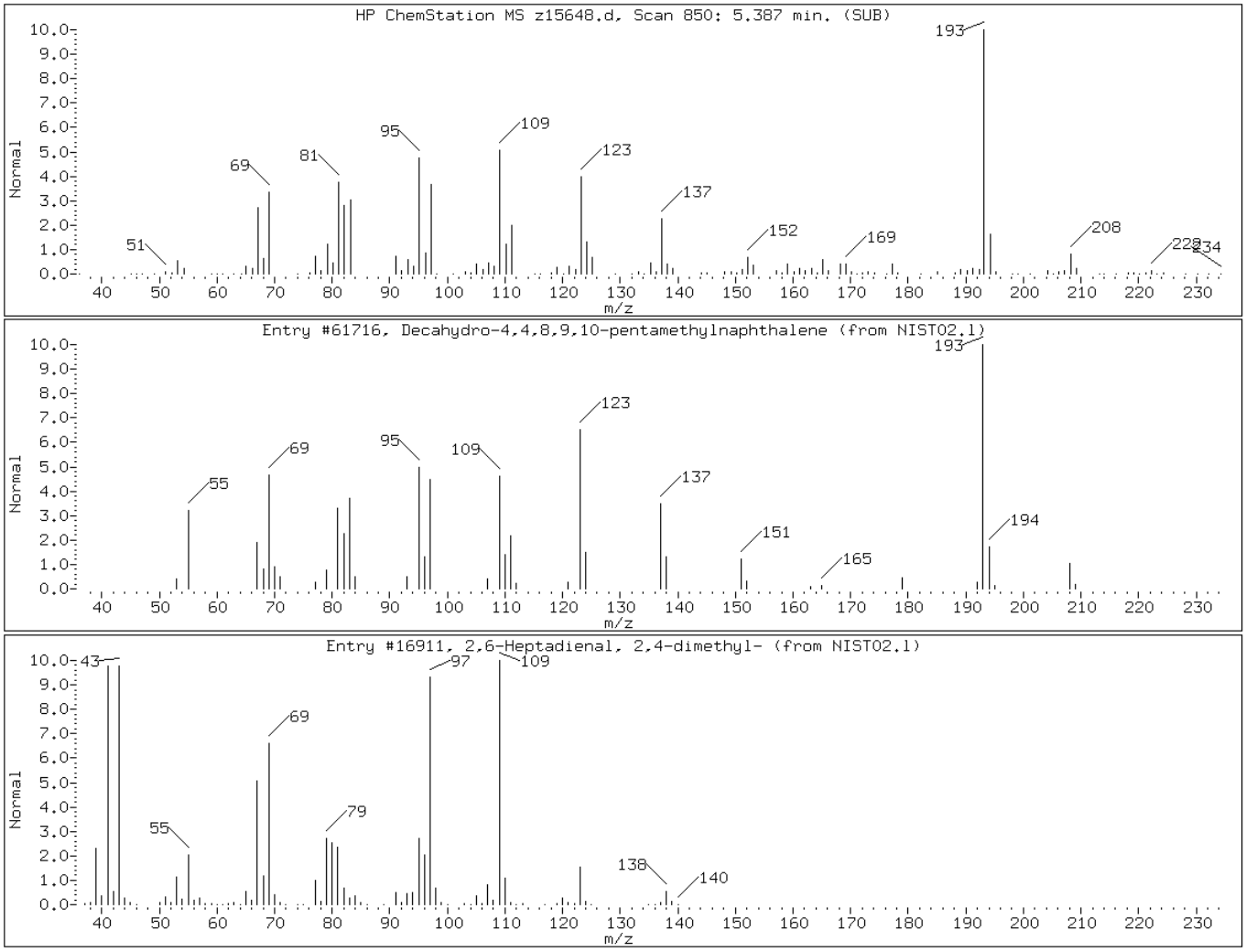
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 5.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydropentamethylnaphthalene is						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	64	C15H28	208
2,6-Heptadienal, 2,4-dimethyl-	85136-08-9	NIST02.l	16911	25	C9H14O	138



Data File: z15648.d

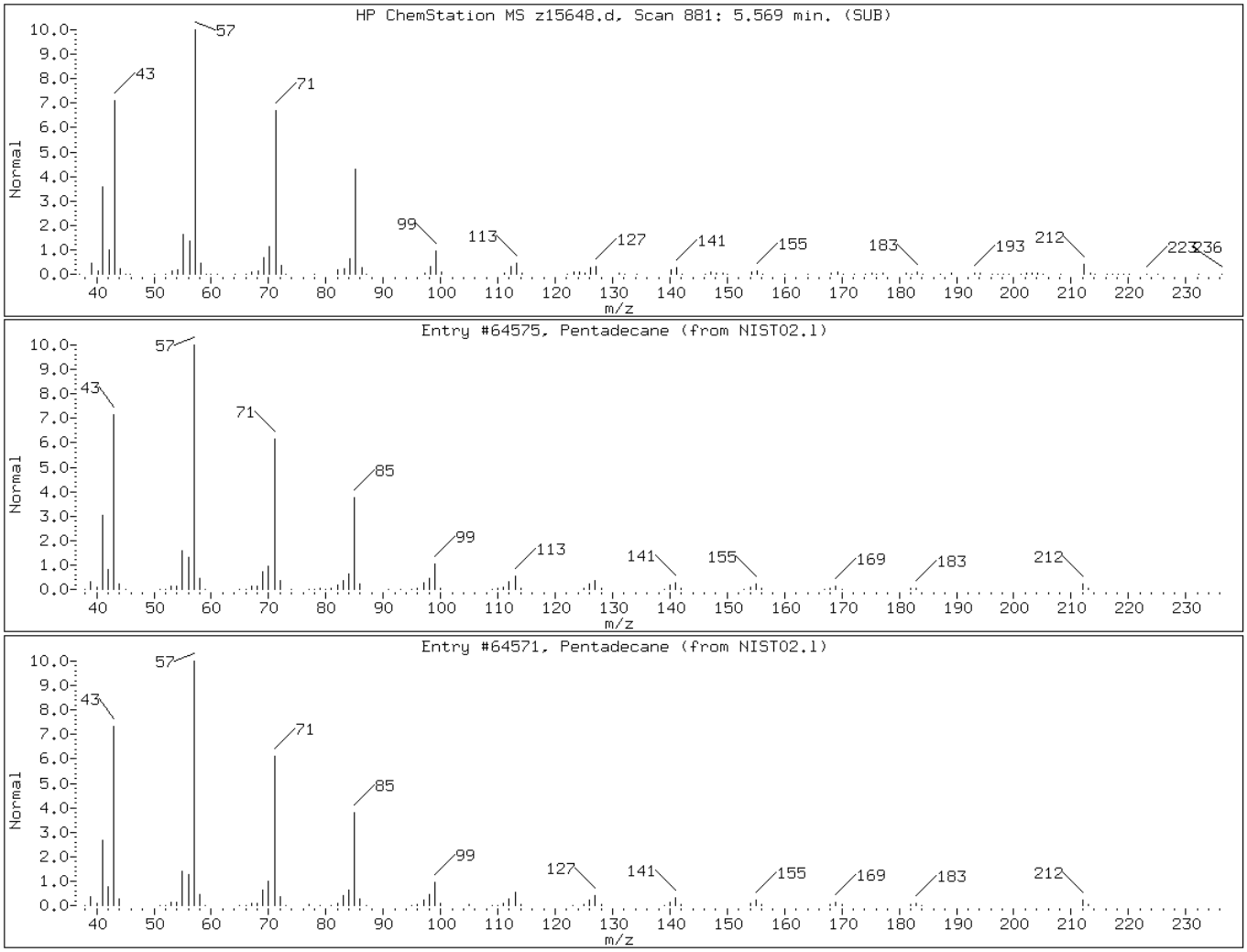
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 5.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H32 Alkane						
Pentadecane	629-62-9	NIST02.l	64575	93	C15H32	212
Pentadecane	629-62-9	NIST02.l	64571	91	C15H32	212



Data File: z15648.d

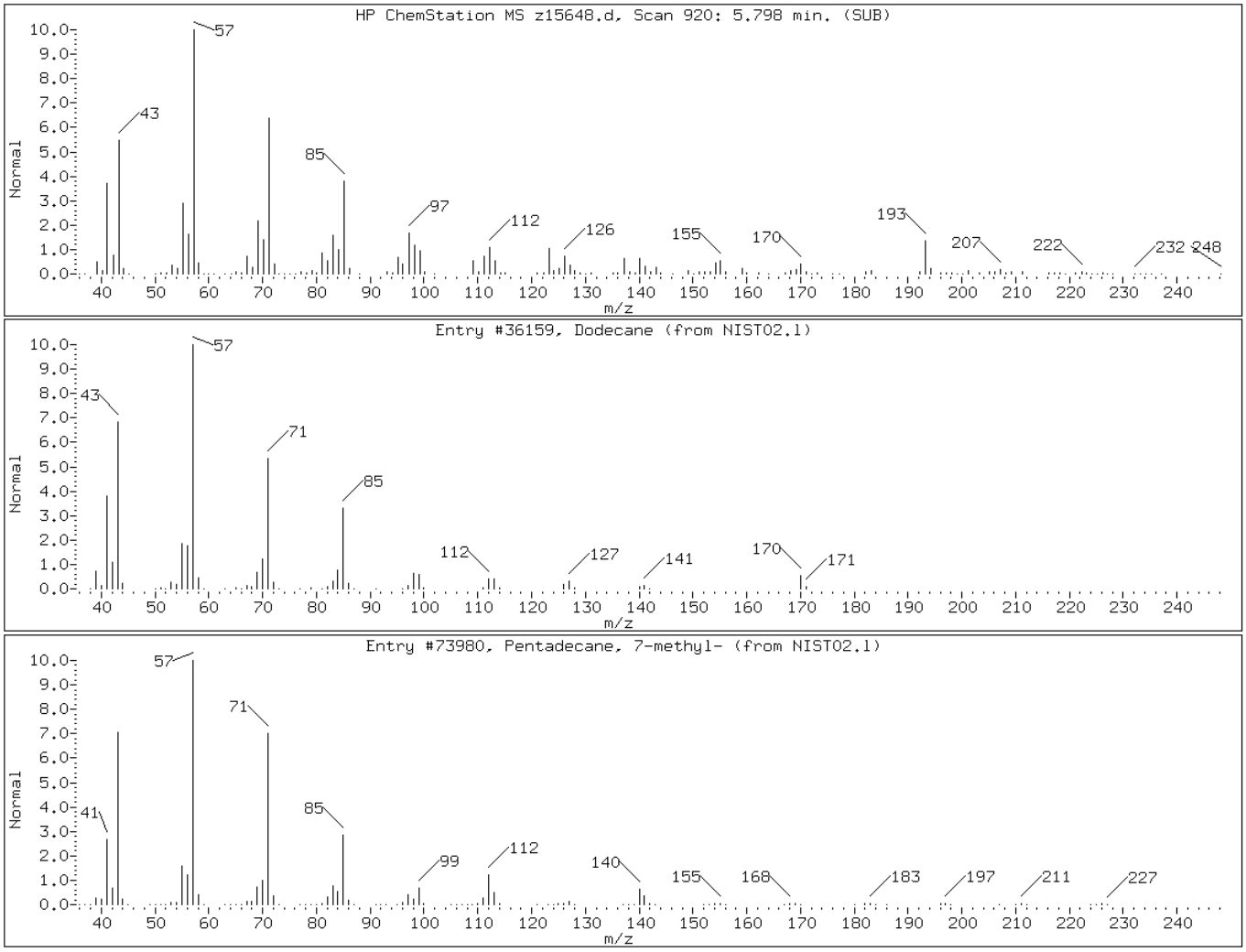
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 5.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Dodecane	112-40-3	NIST02.l	36159	93	C12H26	170
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	90	C16H34	226



Data File: z15648.d

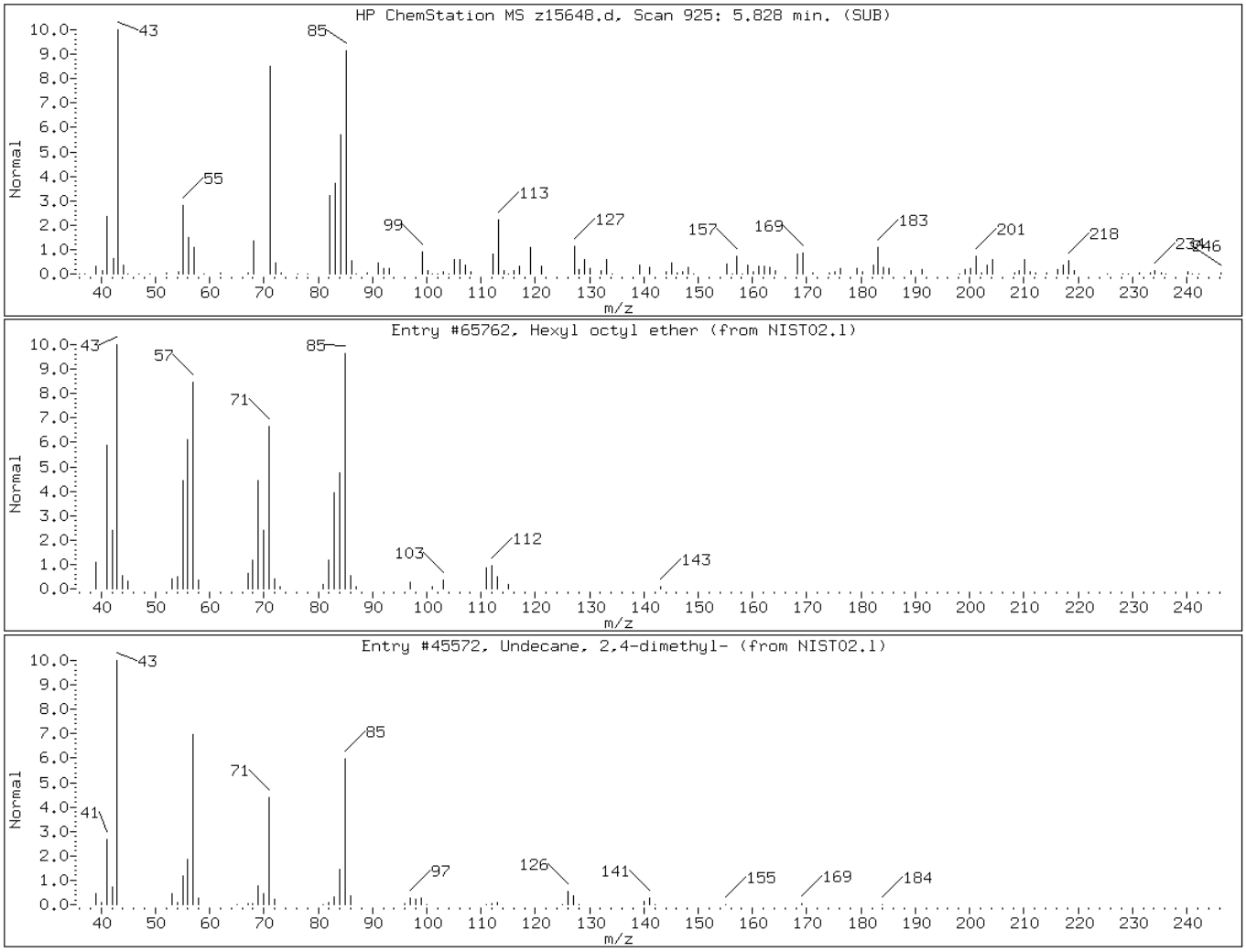
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 5.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Hexyl octyl ether	17071-54-4	NIST02.l	65762	47	C14H30O	214
Undecane, 2,4-dimethyl-	17312-80-0	NIST02.l	45572	38	C13H28	184



Data File: z15648.d

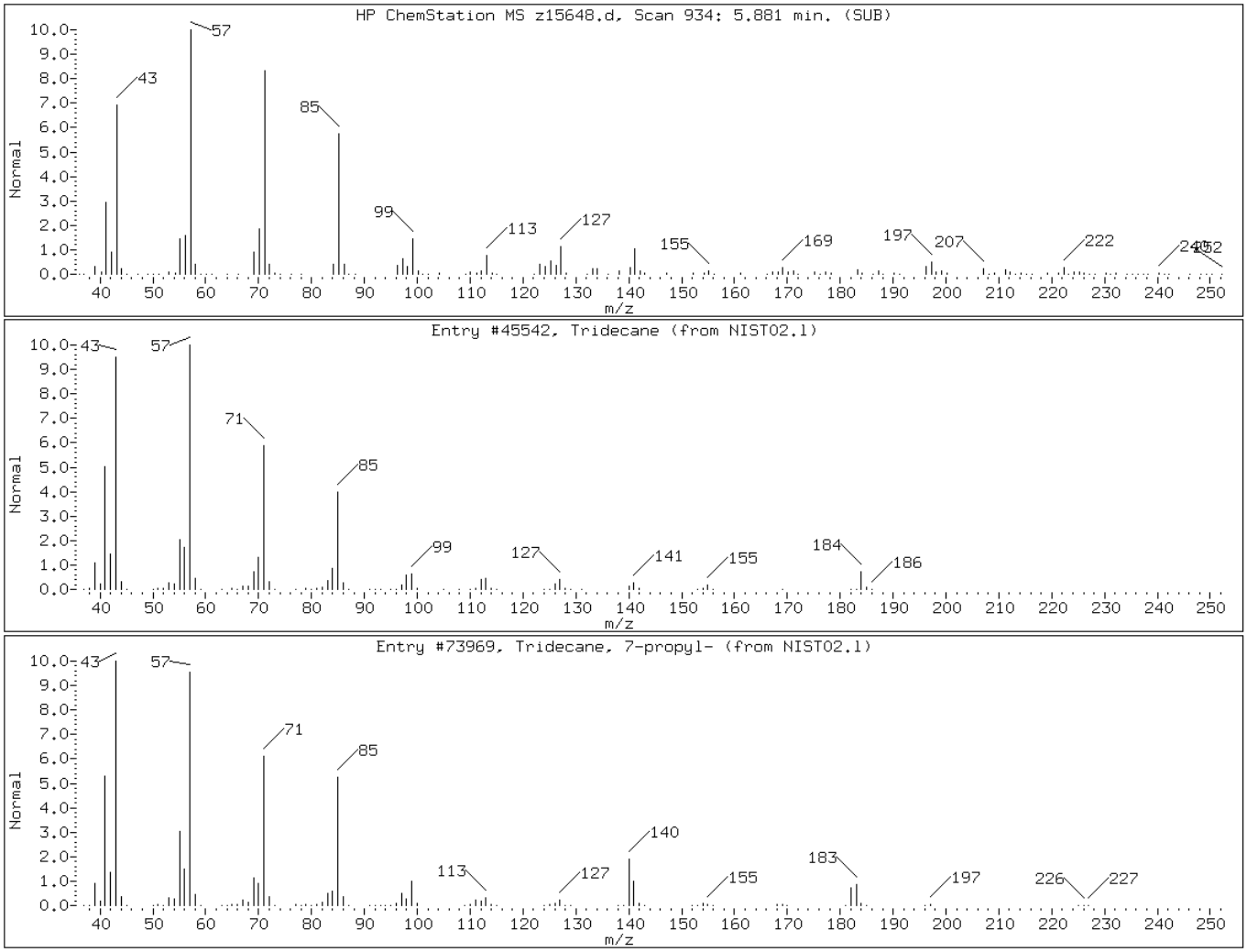
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 5.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tridecane	629-50-5	NIST02.l	45542	87	C13H28	184
Tridecane, 7-propyl-	55045-09-5	NIST02.l	73969	80	C16H34	226



Data File: z15648.d

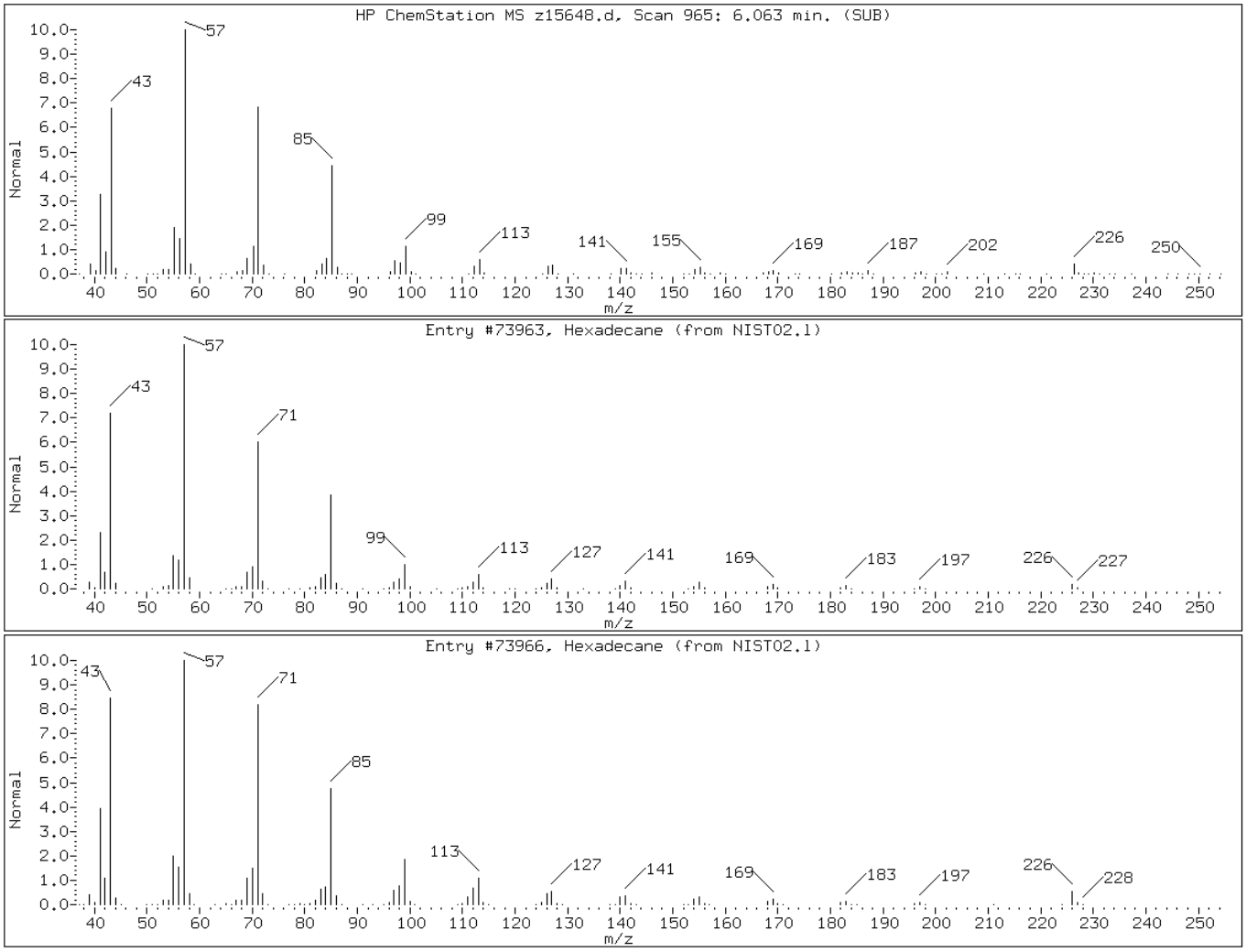
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 6.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C16H34 Alkane						
Hexadecane	544-76-3	NIST02.l	73963	94	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	93	C16H34	226



Data File: z15648.d

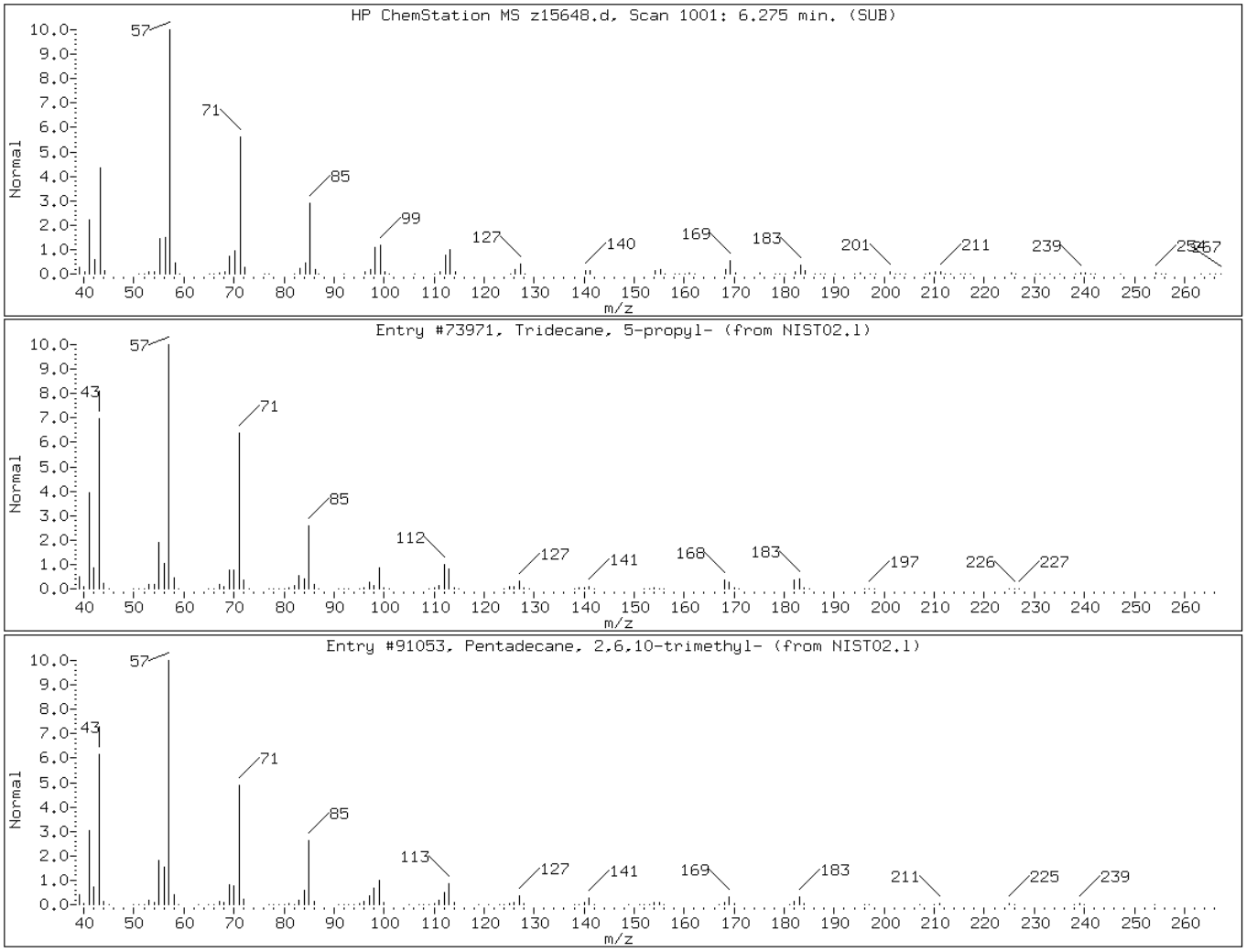
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 6.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	93	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	83	C18H38	254



Data File: z15648.d

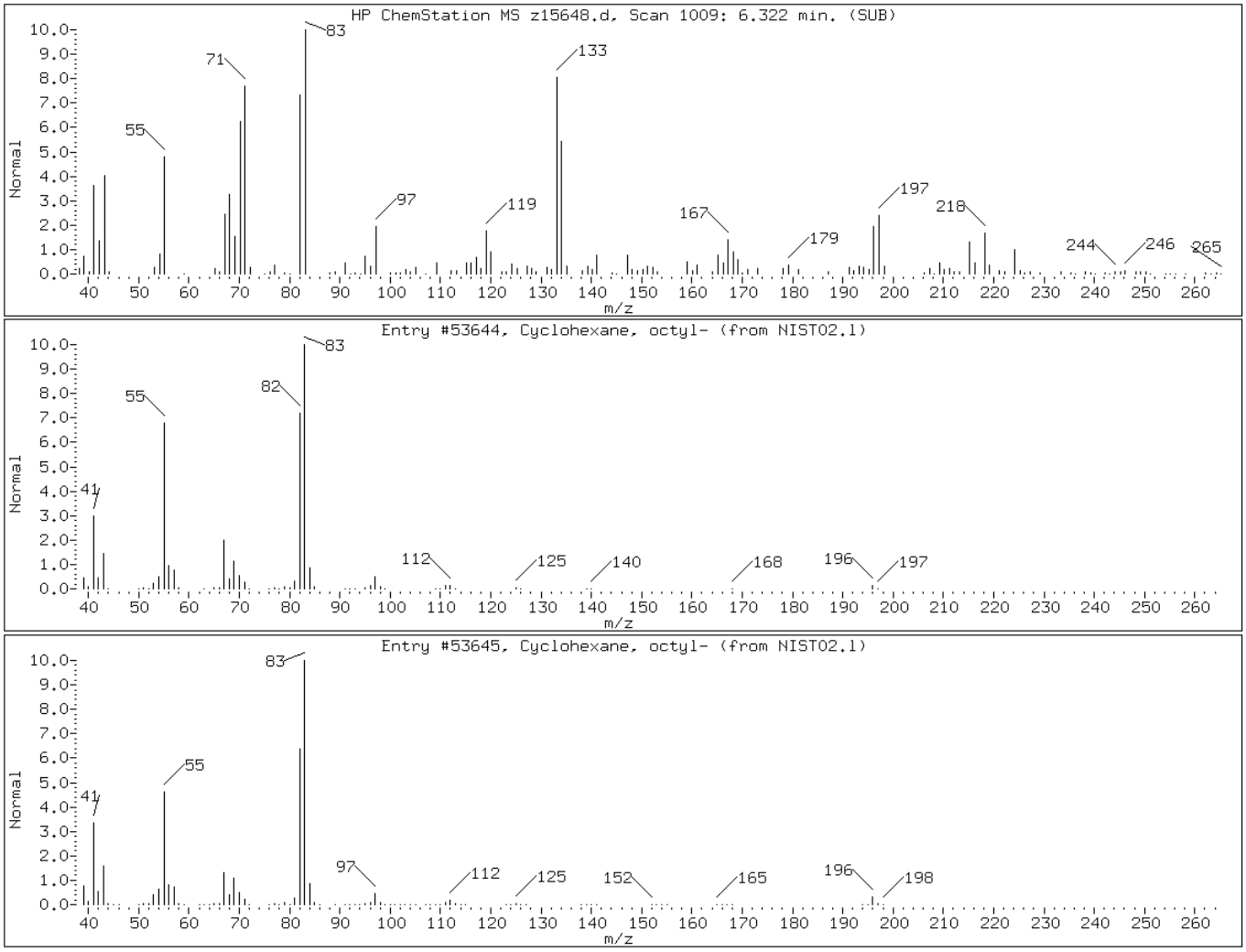
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 6.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Cyclohexane, octyl-	1795-15-9	NIST02.l	53644	27	C14H28	196
Cyclohexane, octyl-	1795-15-9	NIST02.l	53645	27	C14H28	196



Data File: z15648.d

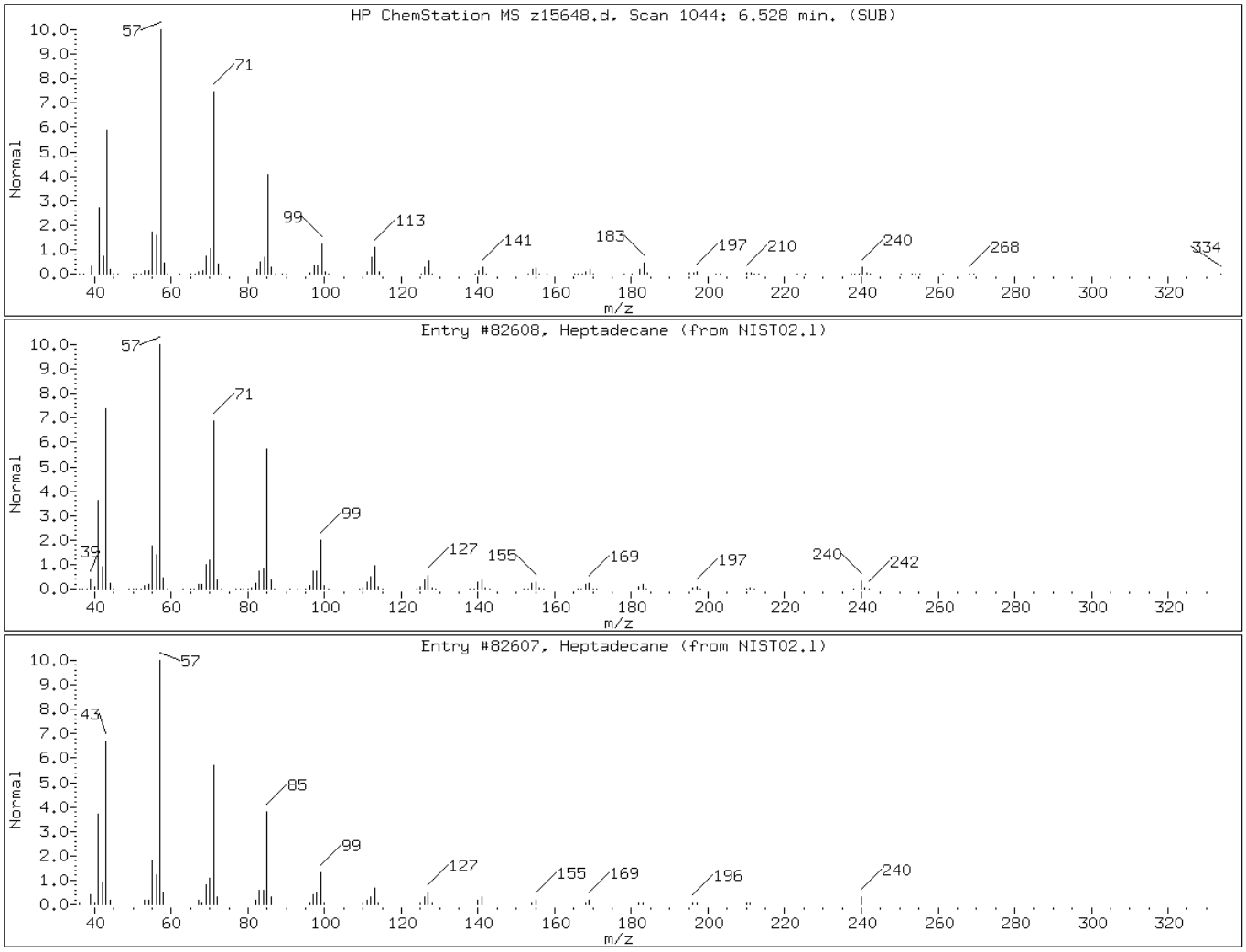
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 6.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H36 Alkane						
Heptadecane	629-78-7	NIST02.l	82608	93	C17H36	240
Heptadecane	629-78-7	NIST02.l	82607	93	C17H36	240



Data File: z15648.d

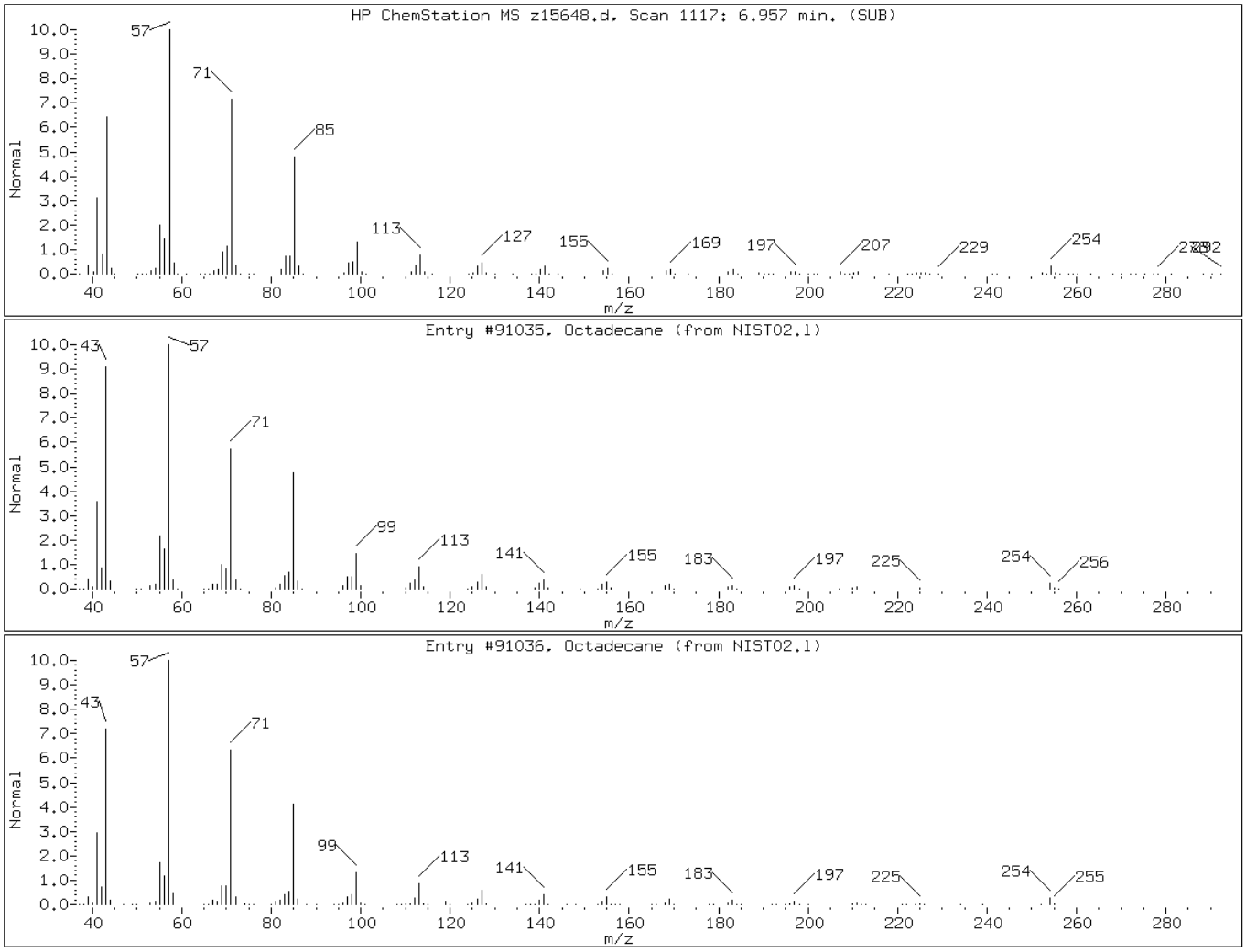
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 6.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Octadecane	593-45-3	NIST02.l	91035	98	C18H38	254
Octadecane	593-45-3	NIST02.l	91036	92	C18H38	254



Data File: z15648.d

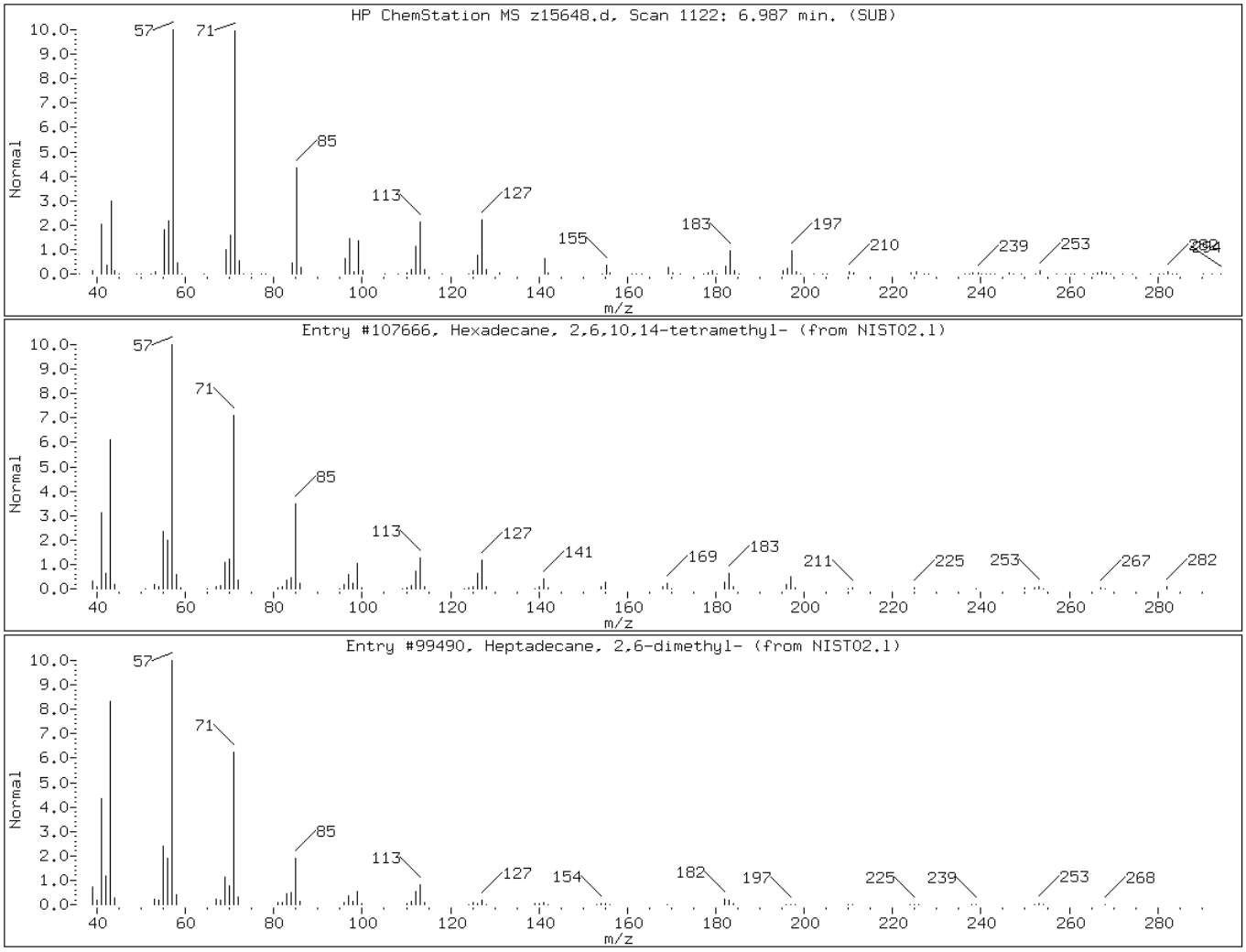
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 6.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	98	C20H42	282
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	87	C19H40	268



Data File: z15648.d

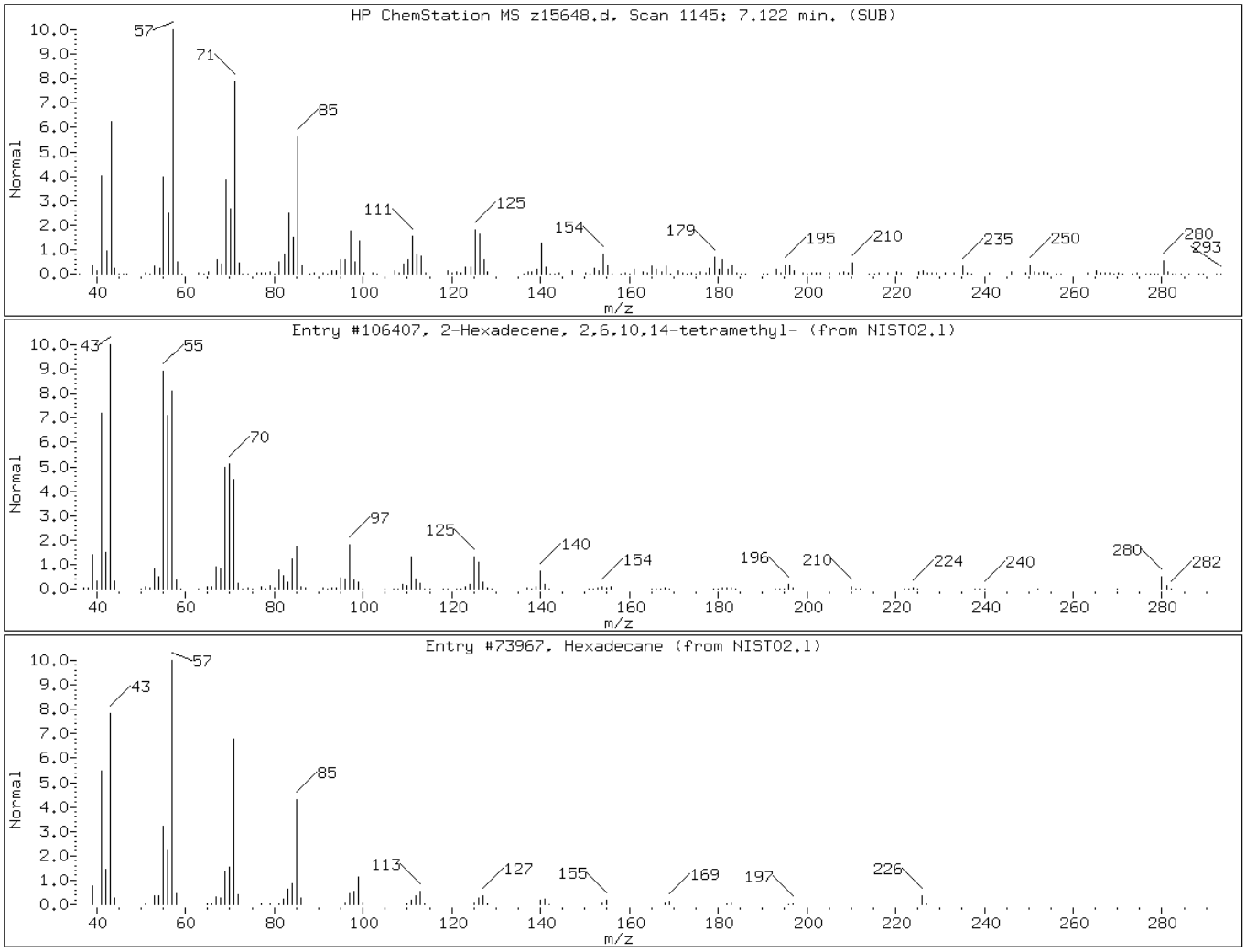
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 7.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
2-Hexadecene, 2,6,10,14-tetramethy	56554-34-8	NIST02.l	106407	70	C20H40	280
Hexadecane	544-76-3	NIST02.l	73967	64	C16H34	226



Data File: z15648.d

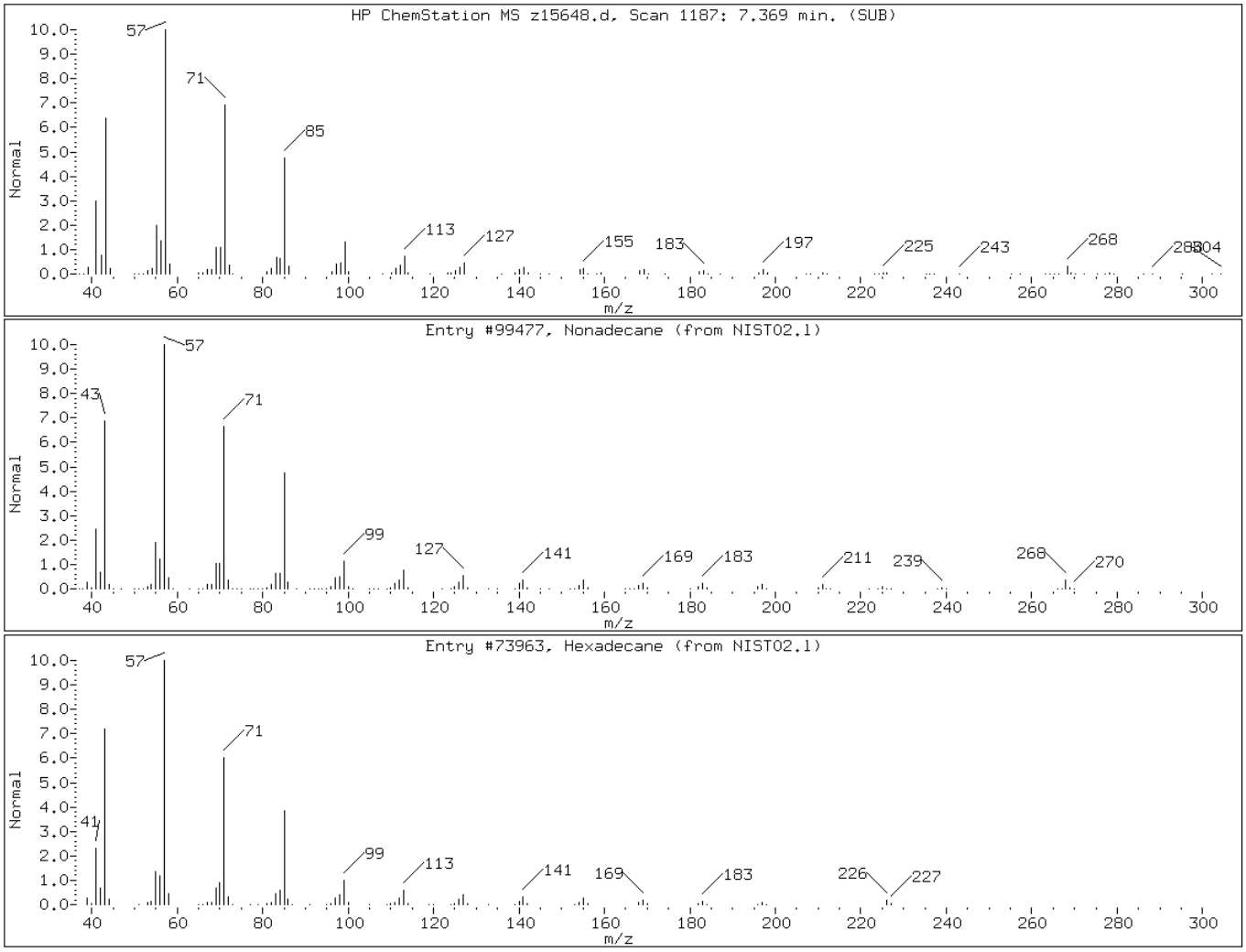
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 7.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Nonadecane	629-92-5	NIST02.l	99477	98	C19H40	268
Hexadecane	544-76-3	NIST02.l	73963	91	C16H34	226



Data File: z15648.d

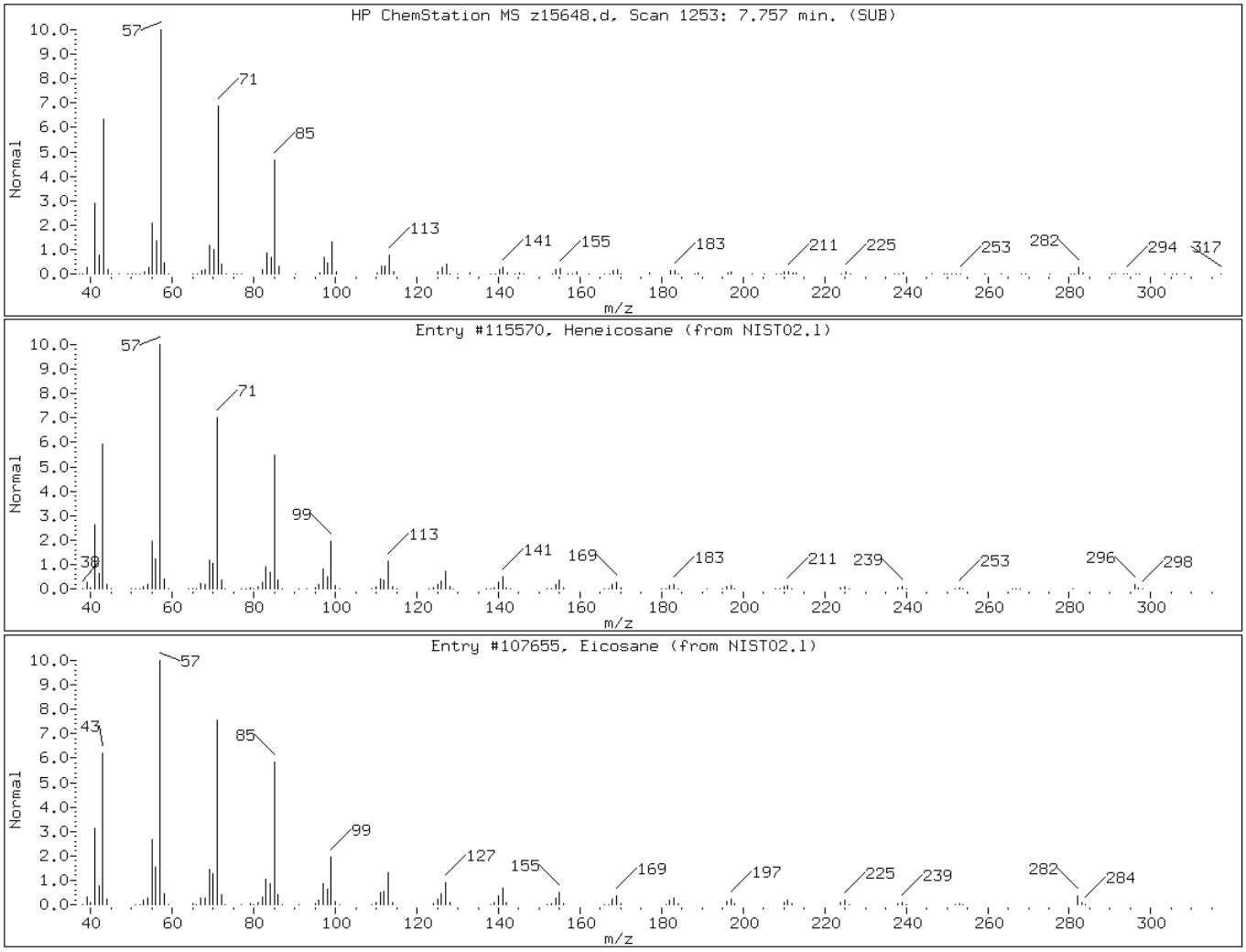
Date: 01-APR-2011 18:41

Client ID: DUP-031711 (3.5-4) Instrument: BNAMS11.i

Sample Info: 460-24277-F-4-C Operator: BNAMS 4

Retention Time: 7.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Heneicosane	629-94-7	NIST02.l	115570	98	C21H44	296
Eicosane	112-95-8	NIST02.l	107655	97	C20H42	282



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (8-8.5) | Lab Sample ID: 460-24277-5

Matrix: Solid | Lab File ID: u66447.d

Analysis Method: 8270C | Date Collected: 03/17/2011 00:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 04/03/2011 21:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3500	U	3500	430
95-57-8	2-Chlorophenol	3500	U	3500	470
95-48-7	2-Methylphenol	3500	U	3500	500
106-44-5	4-Methylphenol	3500	U	3500	570
100-52-7	Benzaldehyde	3500	U	3500	220
98-86-2	Acetophenone	3500	U	3500	520
111-44-4	Bis(2-chloroethyl)ether	350	U	350	73
108-60-1	2,2'-oxybis[1-chloropropane]	3500	U	3500	460
621-64-7	N-Nitrosodi-n-propylamine	350	U	350	46
98-95-3	Nitrobenzene	350	U	350	78
67-72-1	Hexachloroethane	350	U	350	59
78-59-1	Isophorone	3500	U	3500	400
88-75-5	2-Nitrophenol	3500	U	3500	580
105-67-9	2,4-Dimethylphenol	3500	U	3500	560
120-83-2	2,4-Dichlorophenol	3500	U	3500	560
111-91-1	Bis(2-chloroethoxy)methane	3500	U	3500	500
91-20-3	Naphthalene	14000		3500	510
106-47-8	4-Chloroaniline	3500	U	3500	440
87-68-3	Hexachlorobutadiene	710	U	710	140
105-60-2	Caprolactam	3500	U	3500	480
59-50-7	4-Chloro-3-methylphenol	3500	U	3500	590
91-57-6	2-Methylnaphthalene	42000	*	3500	510
118-74-1	Hexachlorobenzene	350	U	350	49
77-47-4	Hexachlorocyclopentadiene	3500	U	3500	1000
88-06-2	2,4,6-Trichlorophenol	3500	U	3500	630
95-95-4	2,4,5-Trichlorophenol	3500	U	3500	670
92-52-4	Diphenyl	3500	U	3500	580
91-58-7	2-Chloronaphthalene	3500	U	3500	490
88-74-4	2-Nitroaniline	7100	U	7100	960
606-20-2	2,6-Dinitrotoluene	710	U	710	89
131-11-3	Dimethyl phthalate	3500	U	3500	470
208-96-8	Acenaphthylene	3500	U	3500	500
99-09-2	3-Nitroaniline	7100	U	7100	790
83-32-9	Acenaphthene	2800	J	3500	500

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (8-8.5) | Lab Sample ID: 460-24277-5

Matrix: Solid | Lab File ID: u66447.d

Analysis Method: 8270C | Date Collected: 03/17/2011 00:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 04/03/2011 21:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	11000	U	11000	900
51-28-5	2,4-Dinitrophenol	11000	U	11000	740
132-64-9	Dibenzofuran	3500	U	3500	530
84-66-2	Diethyl phthalate	3500	U	3500	470
86-73-7	Fluorene	2800	J	3500	590
206-44-0	Fluoranthene	3500	U	3500	580
84-74-2	Di-n-butyl phthalate	3500	U	3500	540
121-14-2	2,4-Dinitrotoluene	710	U	710	100
7005-72-3	4-Chlorophenyl phenyl ether	3500	U	3500	600
100-01-6	4-Nitroaniline	7100	U *	7100	720
534-52-1	4,6-Dinitro-2-methylphenol	11000	U	11000	1700
101-55-3	4-Bromophenyl phenyl ether	3500	U	3500	620
1912-24-9	Atrazine	3500	U	3500	650
120-12-7	Anthracene	3500	U	3500	620
86-74-8	Carbazole	3500	U	3500	560
85-01-8	Phenanthrene	5700		3500	610
87-86-5	Pentachlorophenol	11000	U	11000	1700
129-00-0	Pyrene	3500	U	3500	610
218-01-9	Chrysene	3500	U	3500	510
207-08-9	Benzo[k]fluoranthene	350	U	350	49
191-24-2	Benzo[g,h,i]perylene	3500	U	3500	370
205-99-2	Benzo[b]fluoranthene	350	U	350	52
50-32-8	Benzo[a]pyrene	350	U	350	43
56-55-3	Benzo[a]anthracene	350	U	350	65
86-30-6	N-Nitrosodiphenylamine	3500	U	3500	570
85-68-7	Butyl benzyl phthalate	3500	U	3500	410
117-81-7	Bis(2-ethylhexyl) phthalate	3500	U	3500	460
117-84-0	Di-n-octyl phthalate	3500	U	3500	420
193-39-5	Indeno[1,2,3-cd]pyrene	350	U	350	56
53-70-3	Dibenz(a,h)anthracene	350	U	350	42
91-94-1	3,3'-Dichlorobenzidine	7100	U	7100	780
95-94-3	1,2,4,5-Tetrachlorobenzene	3500	U	3500	470
58-90-2	2,3,4,6-Tetrachlorophenol	3500	U	3500	700

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (8-8.5) Lab Sample ID: 460-24277-5

Matrix: Solid Lab File ID: u66447.d

Analysis Method: 8270C Date Collected: 03/17/2011 00:00

Extract. Method: 3541 Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) Date Analyzed: 04/03/2011 21:56

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69541 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	0		38-105
4165-62-2	Phenol-d5	0		41-118
1718-51-0	Terphenyl-d14	0		16-151
118-79-6	2,4,6-Tribromophenol	0		10-120
367-12-4	2-Fluorophenol	0		37-125
321-60-8	2-Fluorobiphenyl	0		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (8-8.5) | Lab Sample ID: 460-24277-5

Matrix: Solid | Lab File ID: u66447.d

Analysis Method: 8270C | Date Collected: 03/17/2011 00:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 04/03/2011 21:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69541 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 997000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.00	39000	J
	Unknown Alkane-2	5.76	35000	J
	Unknown Cycloalkane-1	5.98	20000	J
	Unknown Alkane-3	6.12	43000	J
	Unknown Alkane-4	6.30	60000	J
90-12-0	1-Methylnaphthalene	6.48	26000	
	Unknown Alkane-5	6.73	33000	J
	Unknown Alkane-6	6.87	74000	J
575-41-7	1,3-Dimethylnaphthalene	7.09	36000	
	Unknown Alkane-7	7.18	57000	J
	Unknown Alkane-8	7.39	62000	J
	Trimethylnaphthalene isomer-1	7.62	21000	J
	Unknown	7.70	21000	J
	Unknown Alkane-9	7.88	55000	J
	Unknown Alkane-10	8.10	49000	J
	Unknown Alkane-11	8.35	120000	J
	Unknown Alkane-12	8.36	100000	J
593-45-3	n-Octadecane	8.78	38000	
	Unknown Alkane-13	8.82	70000	J
	Trichloro-1,1-biphenyl isomer	9.23	38000	J

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66447.d
Report Date: 05-Apr-2011 15:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66447.d
Lab Smp Id: 460-24277-F-5-C Client Smp ID: DUP-031711 (8-8.5)
Inj Date : 03-APR-2011 21:56
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-5-C
Misc Info : 460-24277-F-5-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:49 croccom Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 7
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	5.69948	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	113 n-decane	43	4.223	4.226	(0.965)	141791	14.1972	10000
	21 1,3-Dichlorobenzene	146	4.316	4.329	(0.986)	32425	4.23655	3000(a)
*	79 1,4-Dichlorobenzene-d4	152	4.376	4.381	(1.000)	197300	40.0000	
	22 1,4-Dichlorobenzene	146	4.391	4.395	(1.003)	99384	14.3617	10000
	23 1,2-Dichlorobenzene	146	4.546	4.550	(1.039)	60836	8.88618	6300
	30 1,2,4-Trichlorobenzene	180	5.611	5.614	(0.991)	25672	5.74824	4000
*	80 Naphthalene-d8	136	5.664	5.666	(1.000)	548137	40.0000	
	31 Naphthalene	128	5.686	5.688	(1.004)	264434	19.1582	14000
	34 2-Methylnaphthalene	142	6.386	6.379	(1.128)	564279	58.8664	42000
	120 1-Methylnaphthalene	142	6.482	6.481	(1.144)	329839	37.1608	26000
	125 1,3-Dimethylnaphthalene	156	7.090	7.086	(0.956)	339609	50.3060	36000
*	82 Acenaphthene-d10	164	7.419	7.420	(1.000)	280208	40.0000	
	42 Acenaphthene	154	7.454	7.457	(1.005)	25050	3.92316	2800(a)

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66447.d
Report Date: 05-Apr-2011 15:22

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
47 Fluorene	166	7.960	7.960	(1.073)	30719	3.97979	2800(aH)
115 n-Octadecane	57	8.781	8.781	(0.989)	336365	54.4518	38000
* 83 Phenanthrene-d10	188	8.878	8.883	(1.000)	343092	40.0000	
52 Phenanthrene	178	8.906	8.905	(1.003)	81406	8.11710	5700
57 Pyrene	202	10.285	10.288	(0.885)	5375	0.39403	280(a)
* 81 Chrysene-d12	240	11.619	11.636	(1.000)	370527	40.0000	
* 84 Perylene-d12	264	13.521	13.528	(1.000)	286885	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66447.d
Report Date: 05-Apr-2011 15:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66447.d
Lab Smp Id: 460-24277-F-5-C Client Smp ID: DUP-031711 (8-8.5)
Inj Date : 03-APR-2011 21:56
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-5-C
Misc Info : 460-24277-F-5-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:49 croccom Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 7
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	5.69948	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	4.376	1373813	40.000
* 82 Acenaphthene-d10	7.419	1855016	40.000
* 83 Phenanthrene-d10	8.878	838812	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1					CAS #:		
4.996	1914298	55.7367616	39000	0		0	79

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66447.d
Report Date: 05-Apr-2011 15:22

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2				CAS #:			
5.761	1681187	48.9494992	34000	0		0	79
Unknown Cycloalkane-1				CAS #:			
5.976	1294272	27.9085878	20000	0		0	82
Unknown Alkane-3				CAS #:			
6.123	2848144	61.4149700	43000	0		0	82
Unknown Alkane-4				CAS #:			
6.299	3922884	84.5897581	60000	0		0	82
Unknown Cycloalkane-2				CAS #:			
6.593	1100007	23.7196149	17000	0		0	82
Unknown Alkane-5				CAS #:			
6.727	2158351	46.5408522	33000	0		0	82
Unknown Alkane-6				CAS #:			
6.868	4840168	104.369302	74000	0		0	82
Dimethylnaphthalene isomer				CAS #:			
7.012	1078092	23.2470723	16000	0		0	82
Unknown Alkane-7				CAS #:			
7.182	3735722	80.5539623	57000	0		0	82
Unknown Alkane-8				CAS #:			
7.391	4051761	87.3687568	62000	0		0	82
Trimethylnaphthalene isomer-1				CAS #:			
7.620	1404109	30.2770211	21000	0		0	82
Unknown				CAS #:			
7.703	1368267	29.5041459	21000	0		0	82
Trimethylnaphthalene isomer-2				CAS #:			
7.828	1193779	25.7416525	18000	0		0	82
Unknown Alkane-9				CAS #:			
7.884	3631413	78.3047277	55000	0		0	82
Unknown Alkane-10				CAS #:			
8.099	3248560	70.0491985	49000	0		0	82

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66447.d
Report Date: 05-Apr-2011 15:22

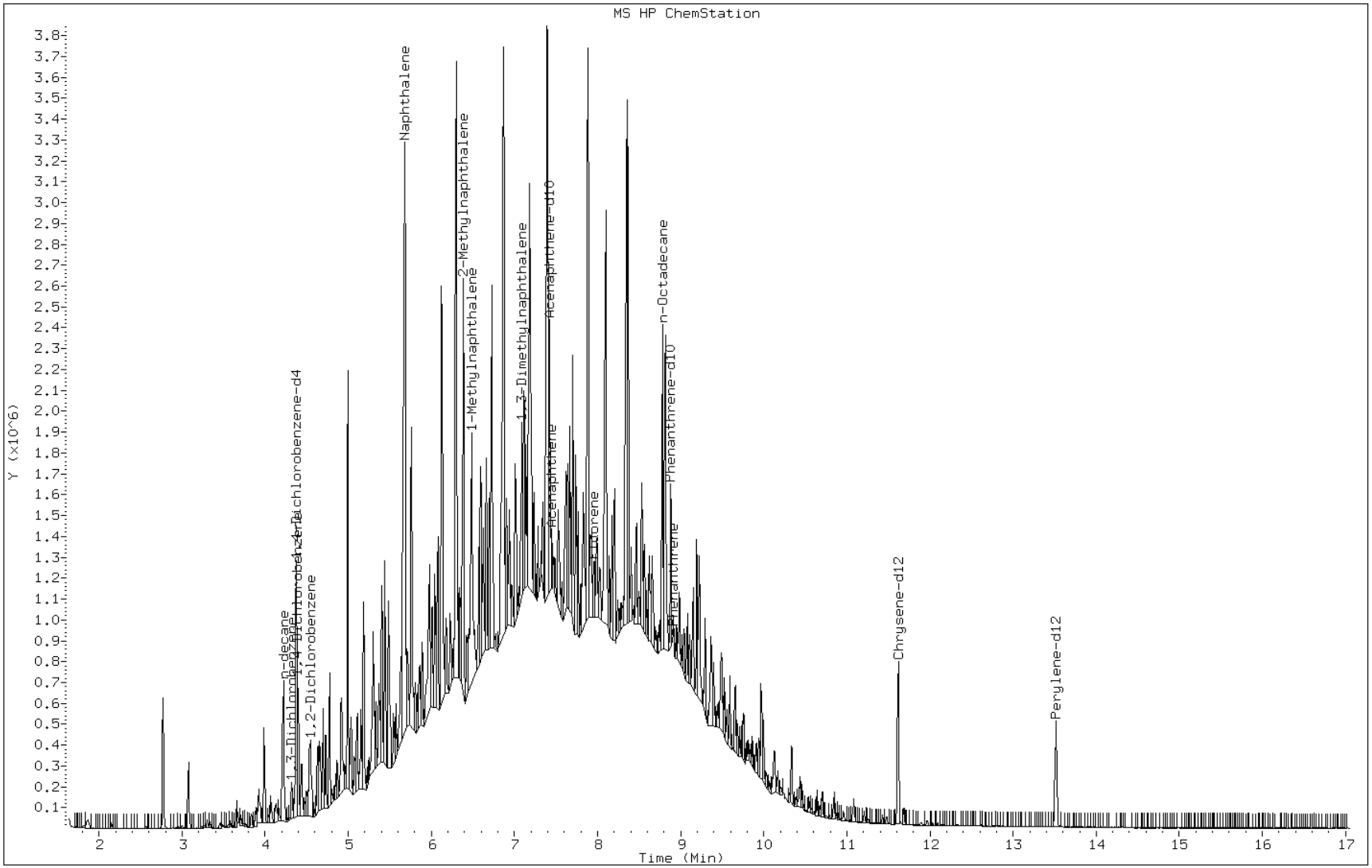
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-11					CAS #:		
8.349	3577002	170.574483	120000	0		0	83
Unknown Alkane-12					CAS #:		
8.363	3025757	144.287576	100000	0		0	83
Unknown Alkane-13					CAS #:		
8.816	2070069	98.7142119	70000	0		0	83
Trichloro-1,1-biphenyl isomer					CAS #:		
9.226	1131623	53.9630709	38000	0		0	83

Data File: u66447.d

Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4



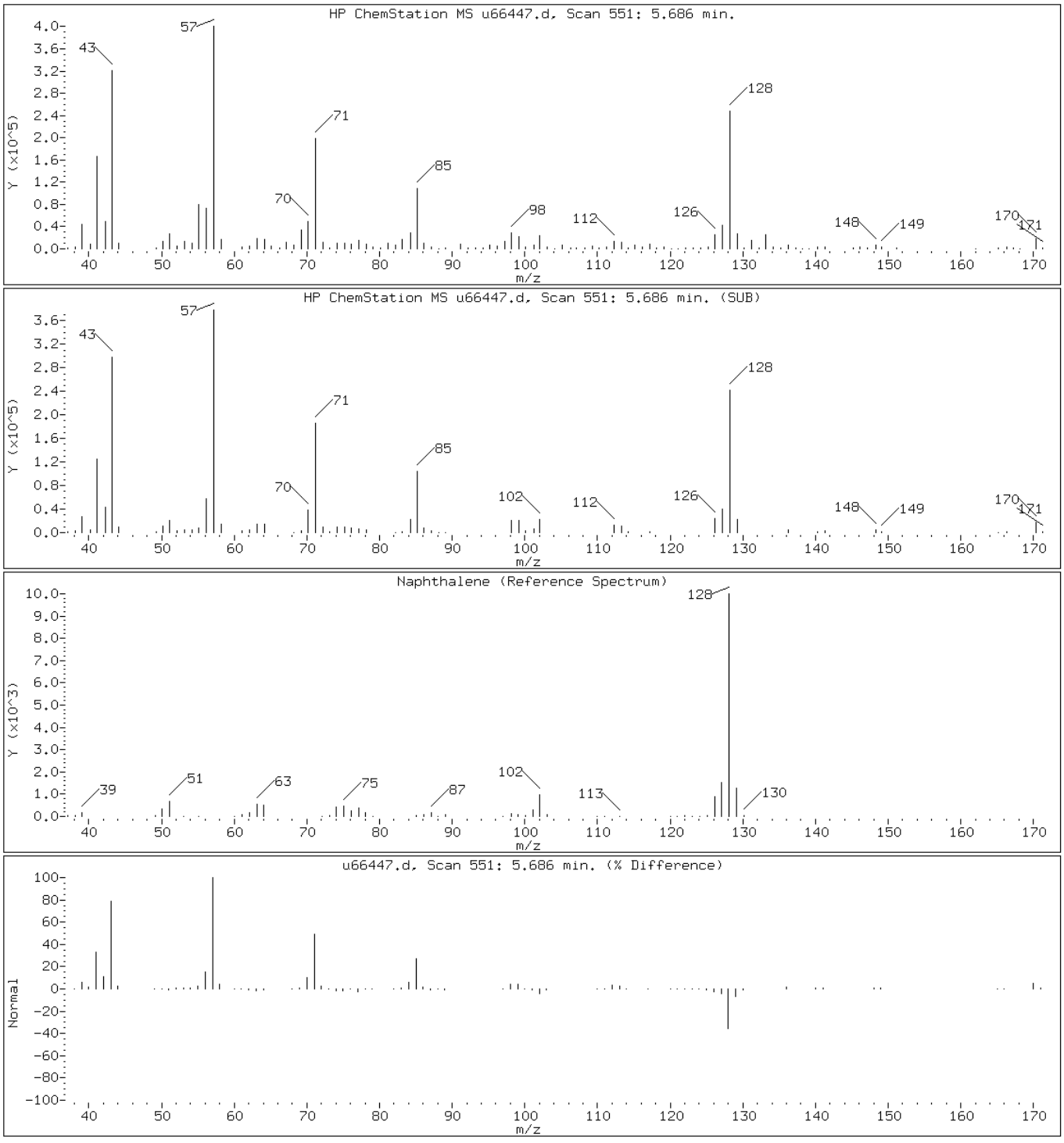
Data File: u66447.d

Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

31 Naphthalene



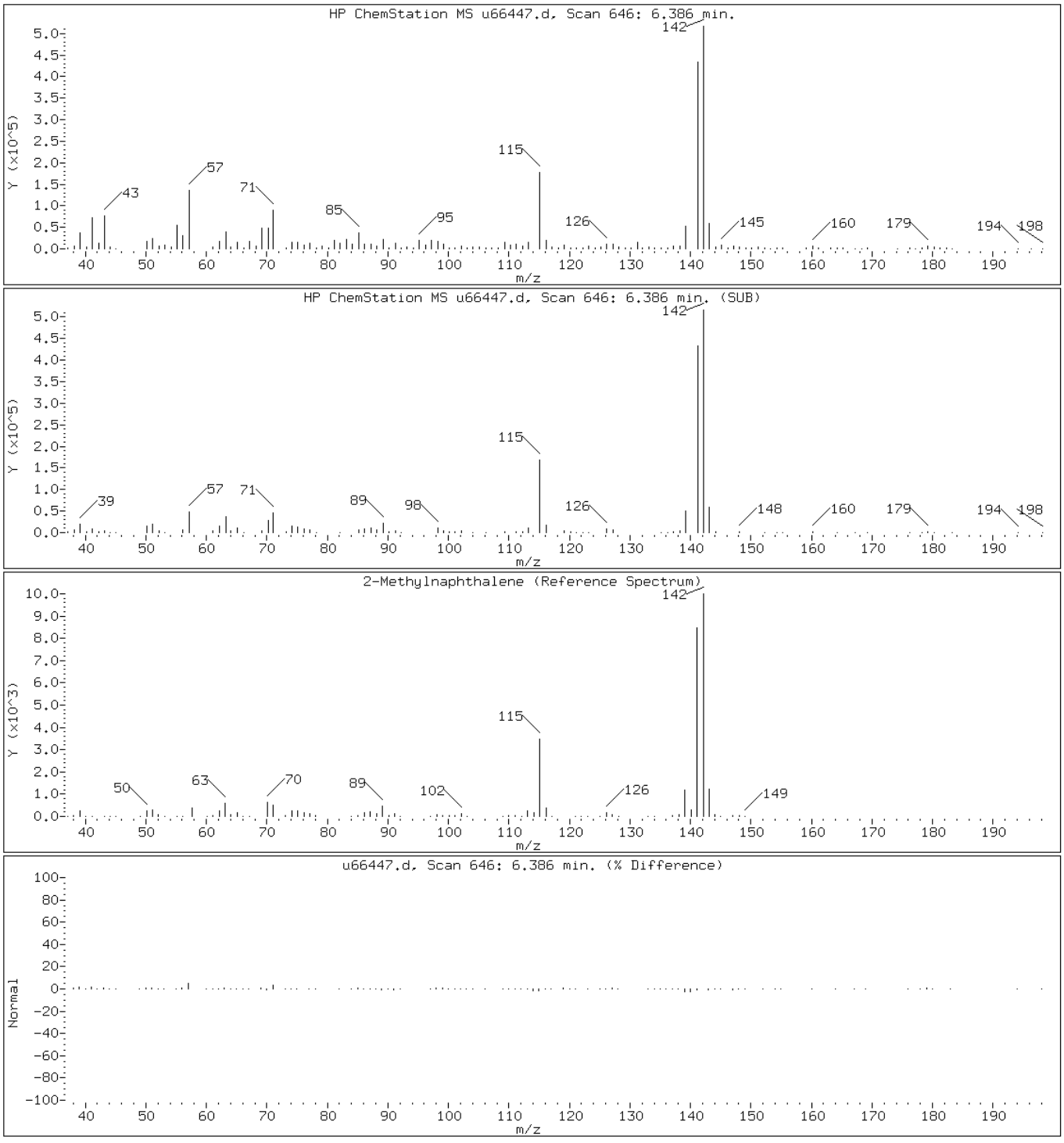
Data File: u66447.d

Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

34 2-Methylnaphthalene



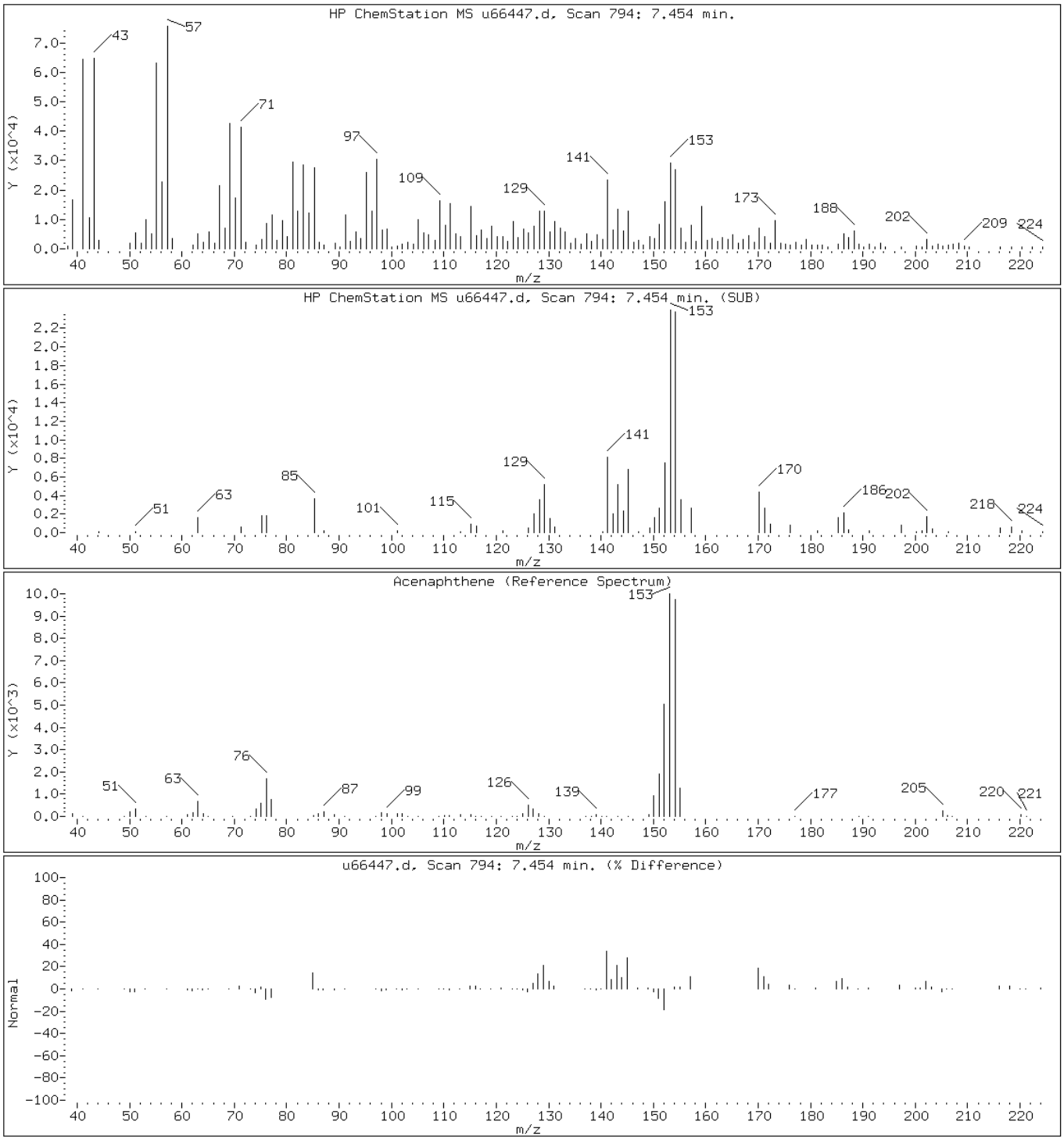
Data File: u66447.d

Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

42 Acenaphthene



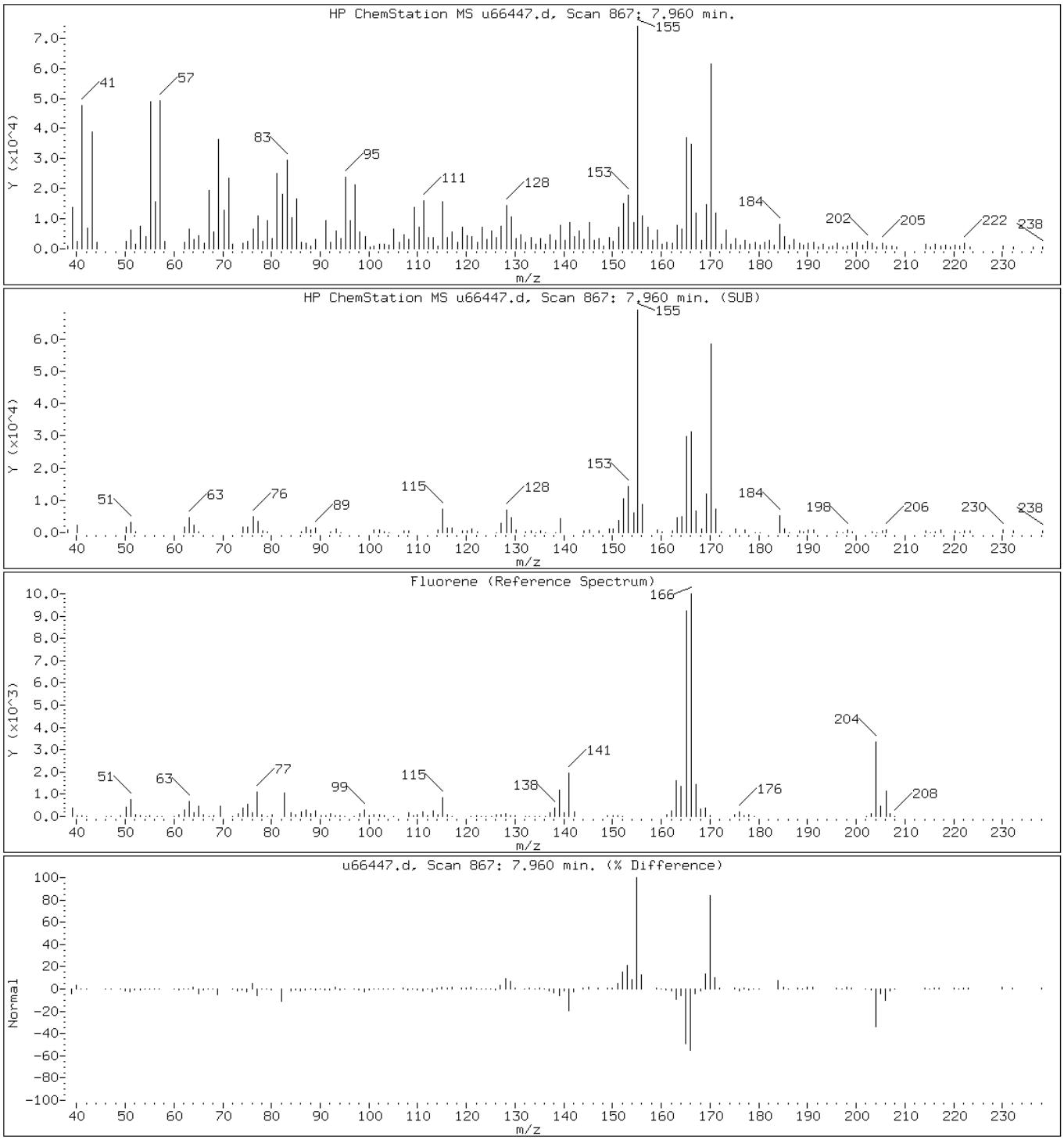
Data File: u66447.d

Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

47 Fluorene



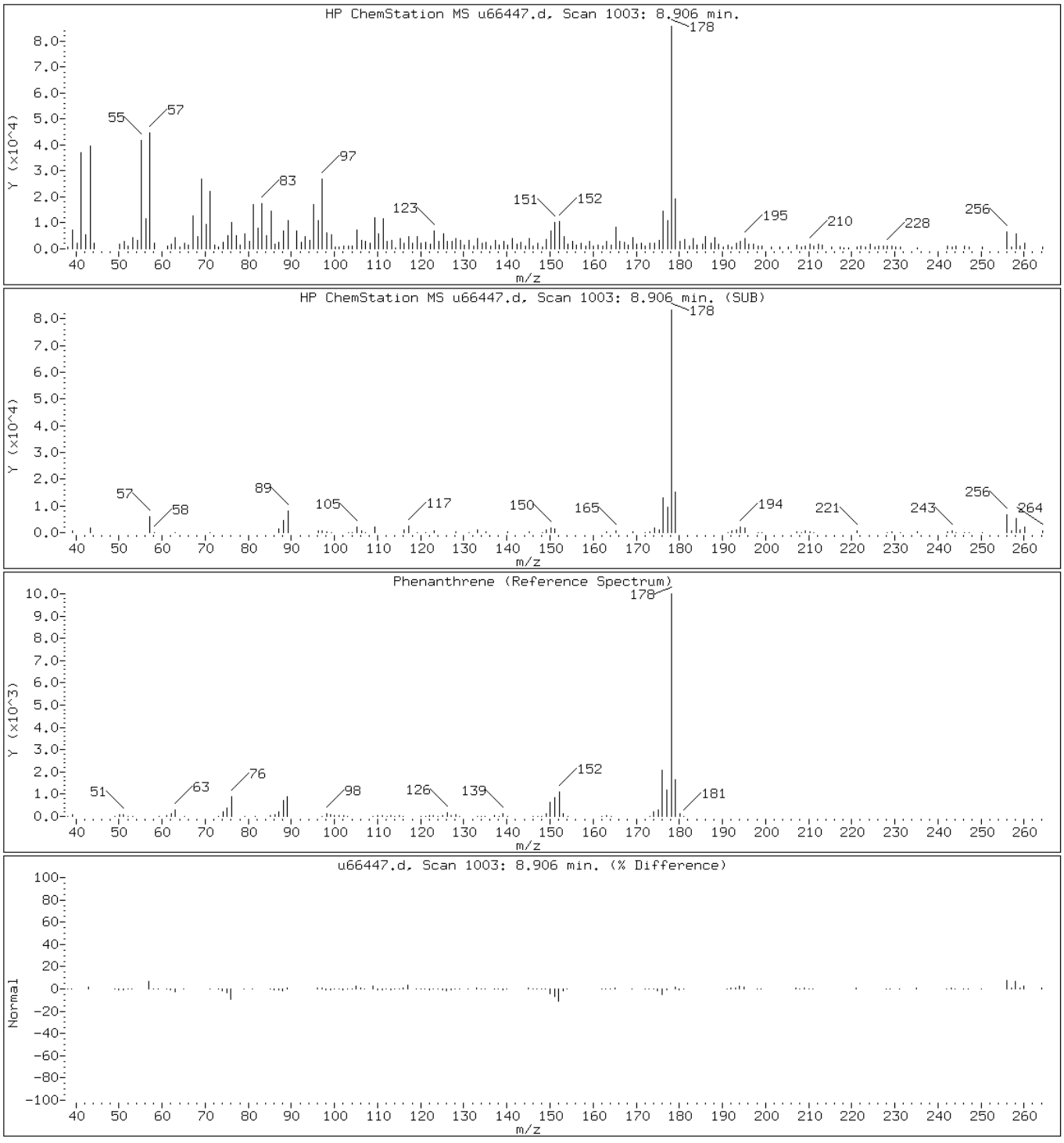
Data File: u66447.d

Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

52 Phenanthrene



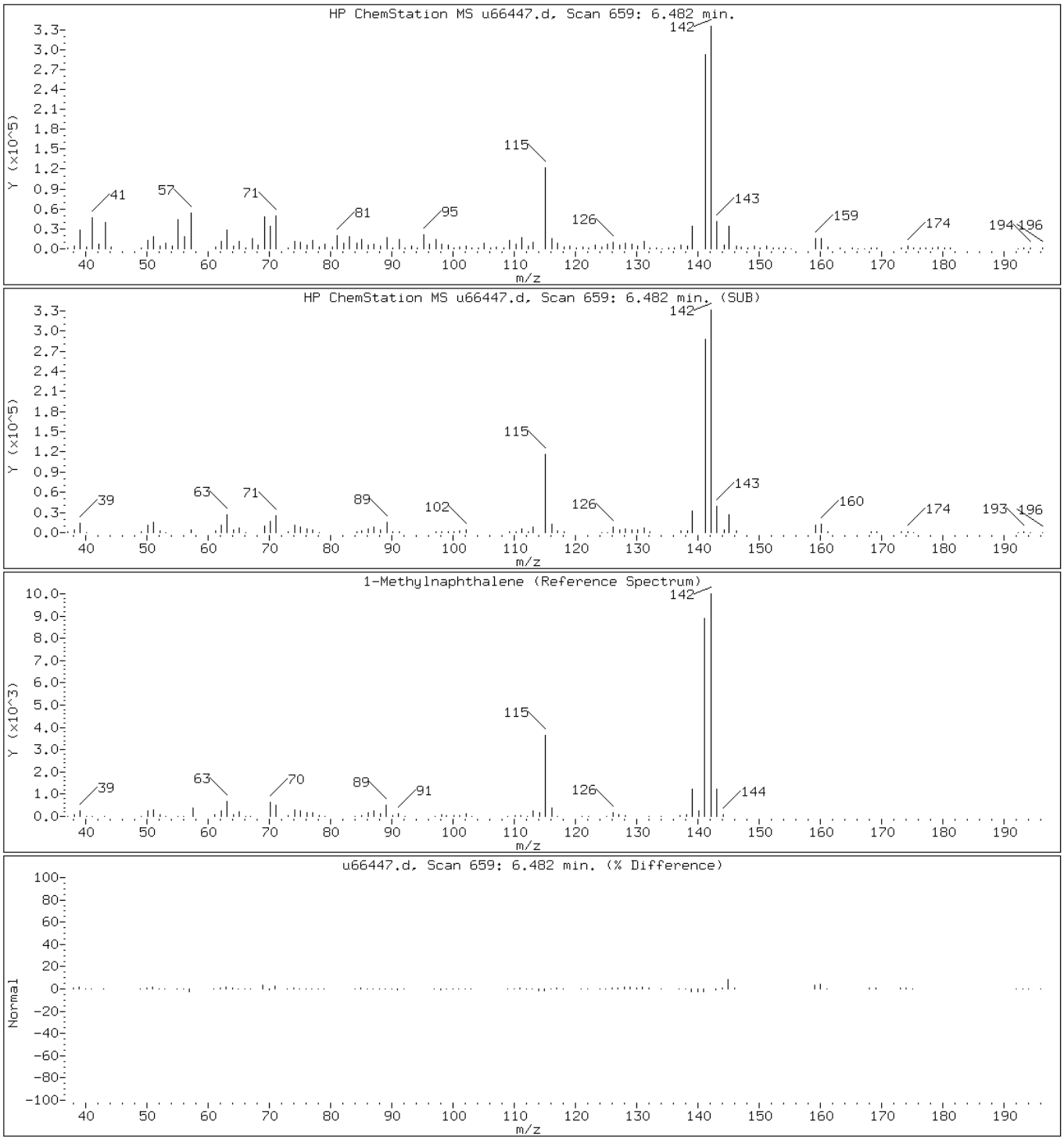
Data File: u66447.d

Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

120 1-Methylnaphthalene



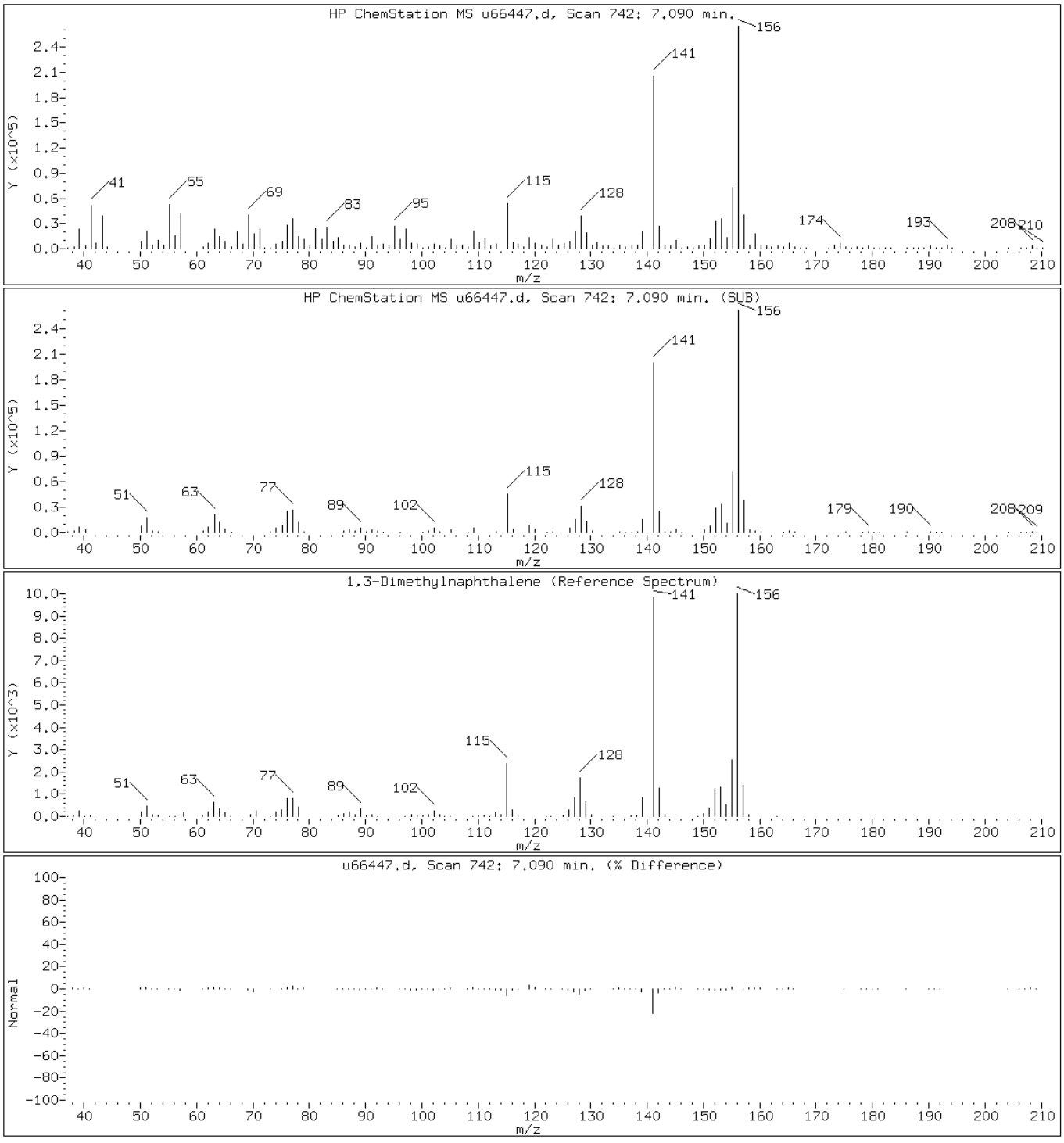
Data File: u66447.d

Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



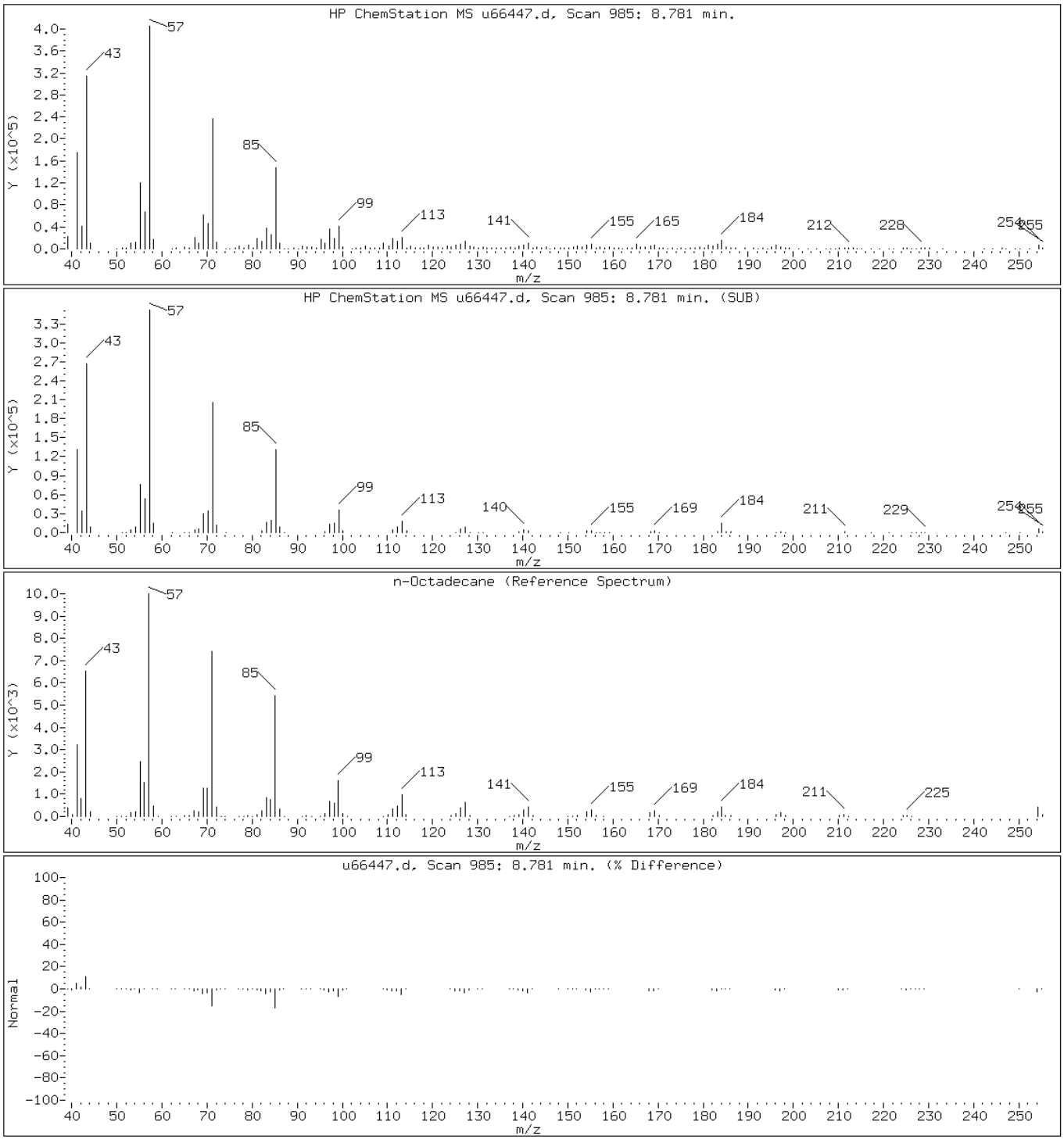
Data File: u66447.d

Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

115 n-Octadecane



Data File: u66447.d

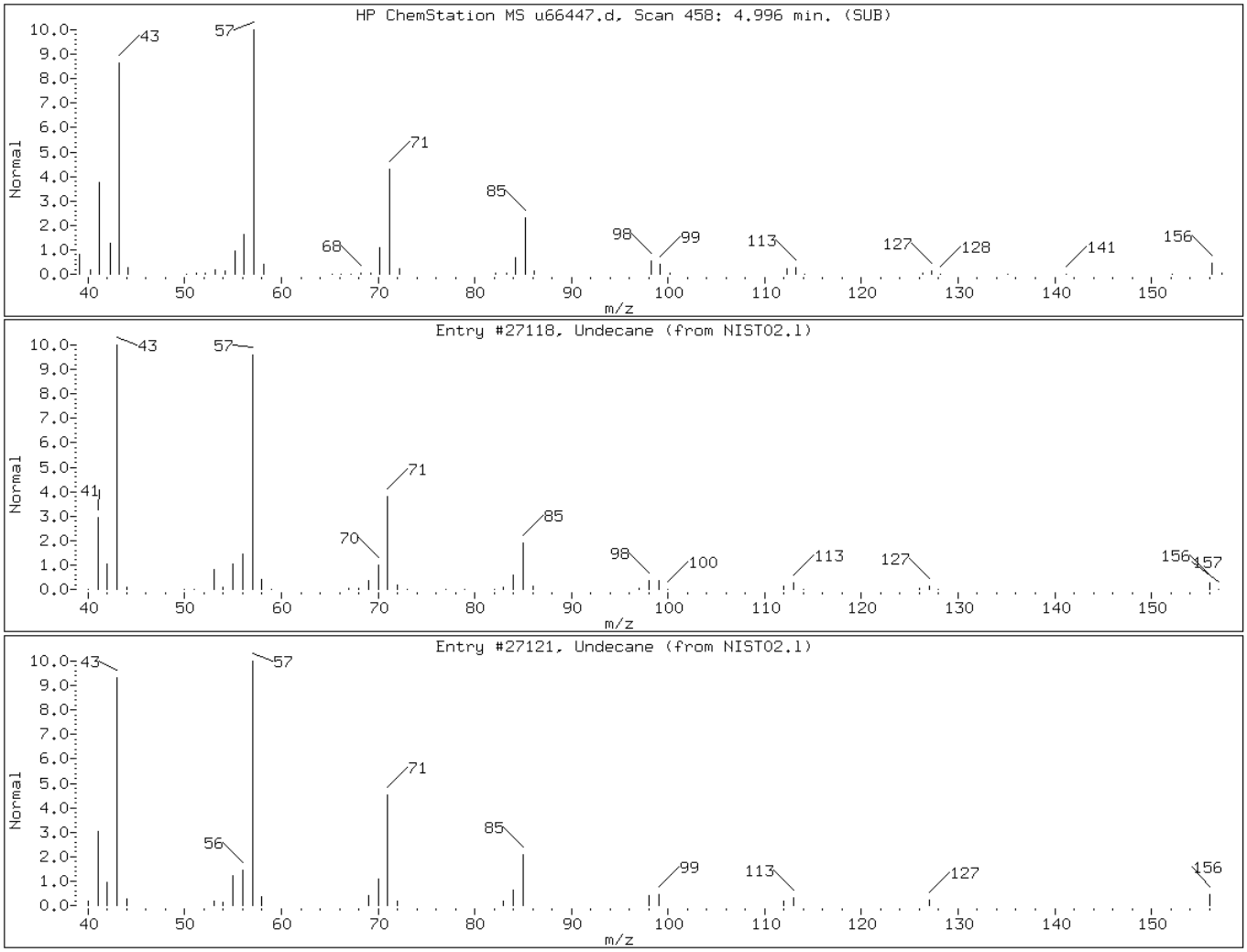
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 5.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane	1120-21-4	NIST02.l	27118	95	C11H24	156
Undecane	1120-21-4	NIST02.l	27121	91	C11H24	156



Data File: u66447.d

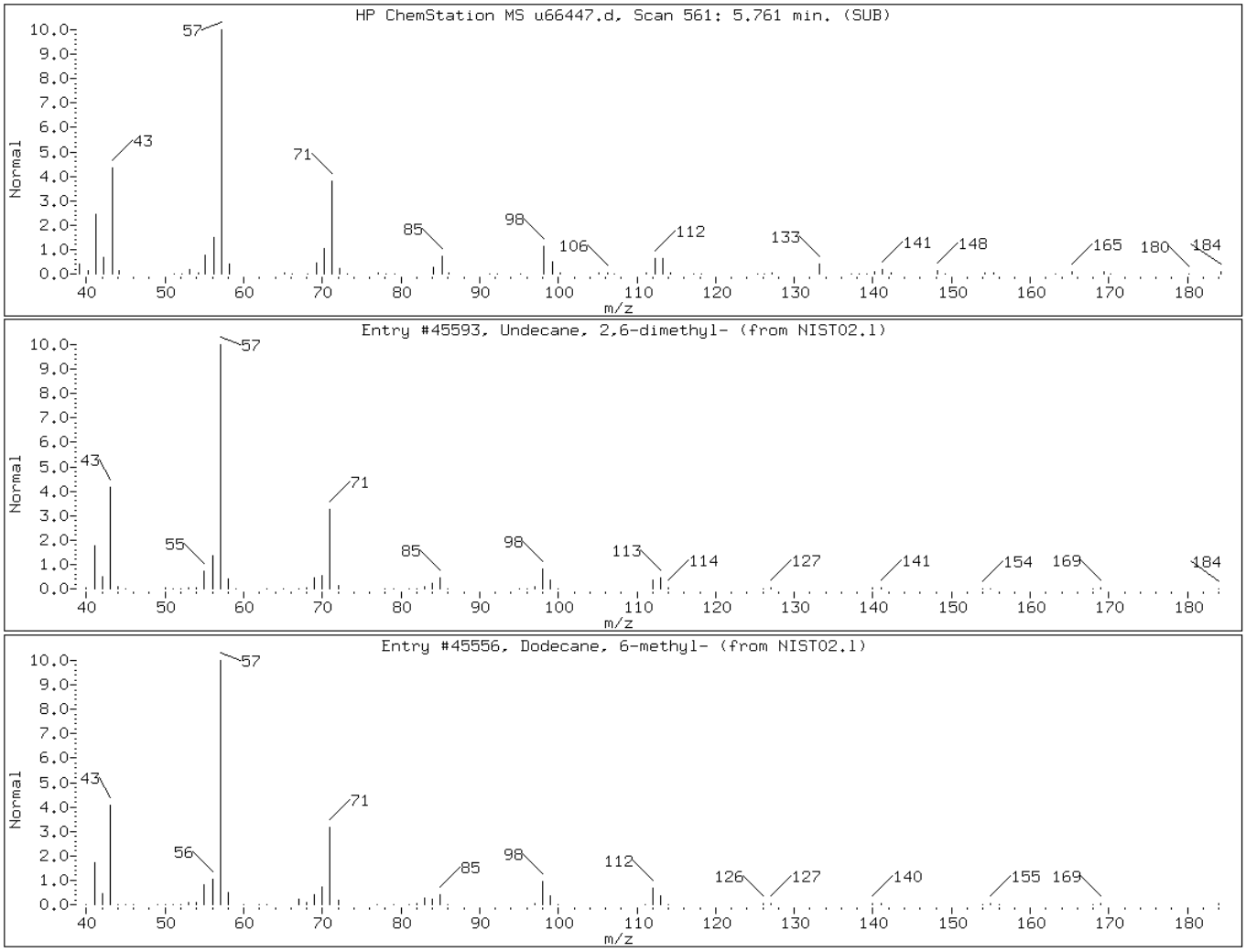
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 5.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	93	C13H28	184
Dodecane, 6-methyl-	6044-71-9	NIST02.l	45556	93	C13H28	184



Data File: u66447.d

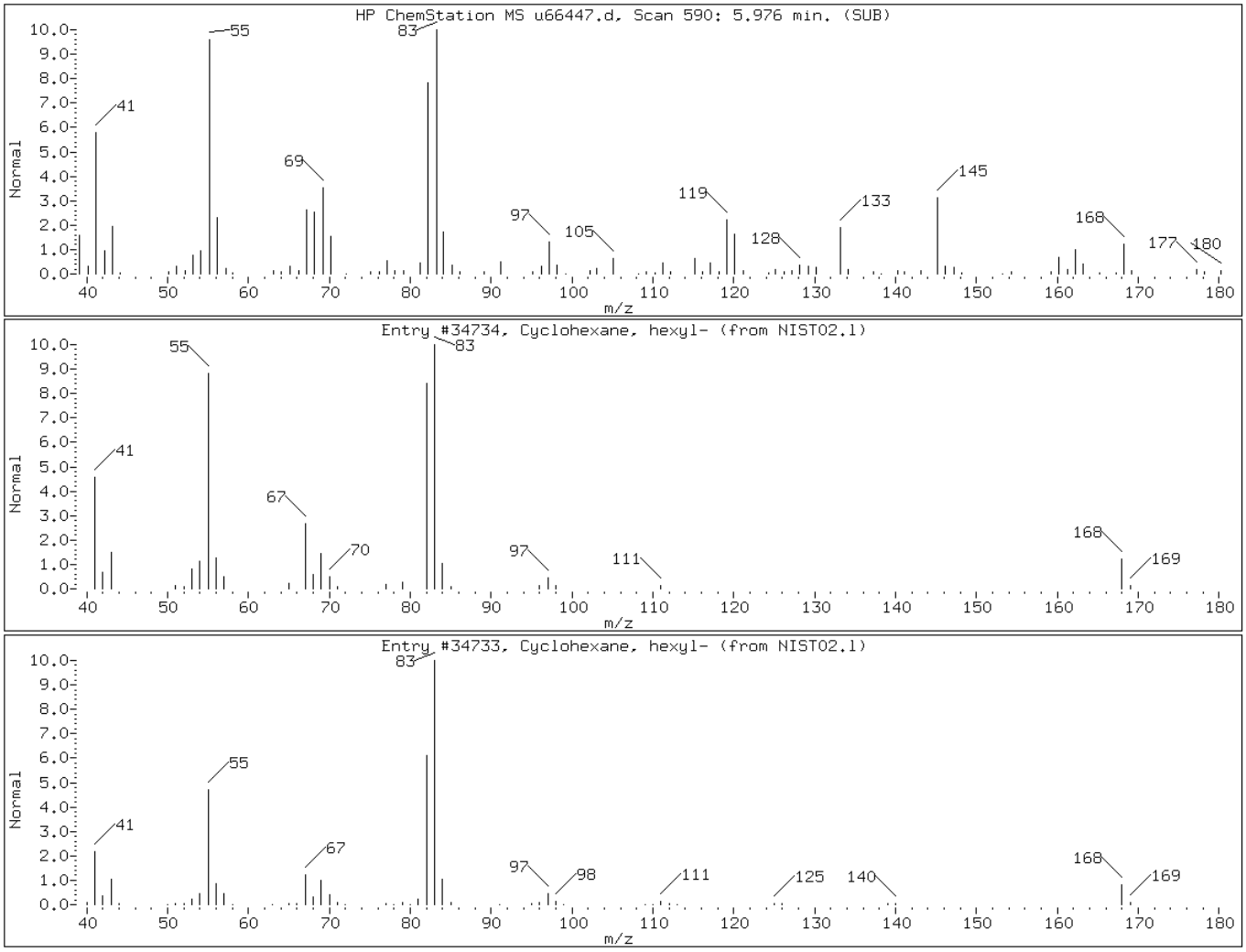
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 5.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-1						
Cyclohexane, hexyl-	4292-75-5	NIST02.l	34734	62	C12H24	168
Cyclohexane, hexyl-	4292-75-5	NIST02.l	34733	53	C12H24	168



Data File: u66447.d

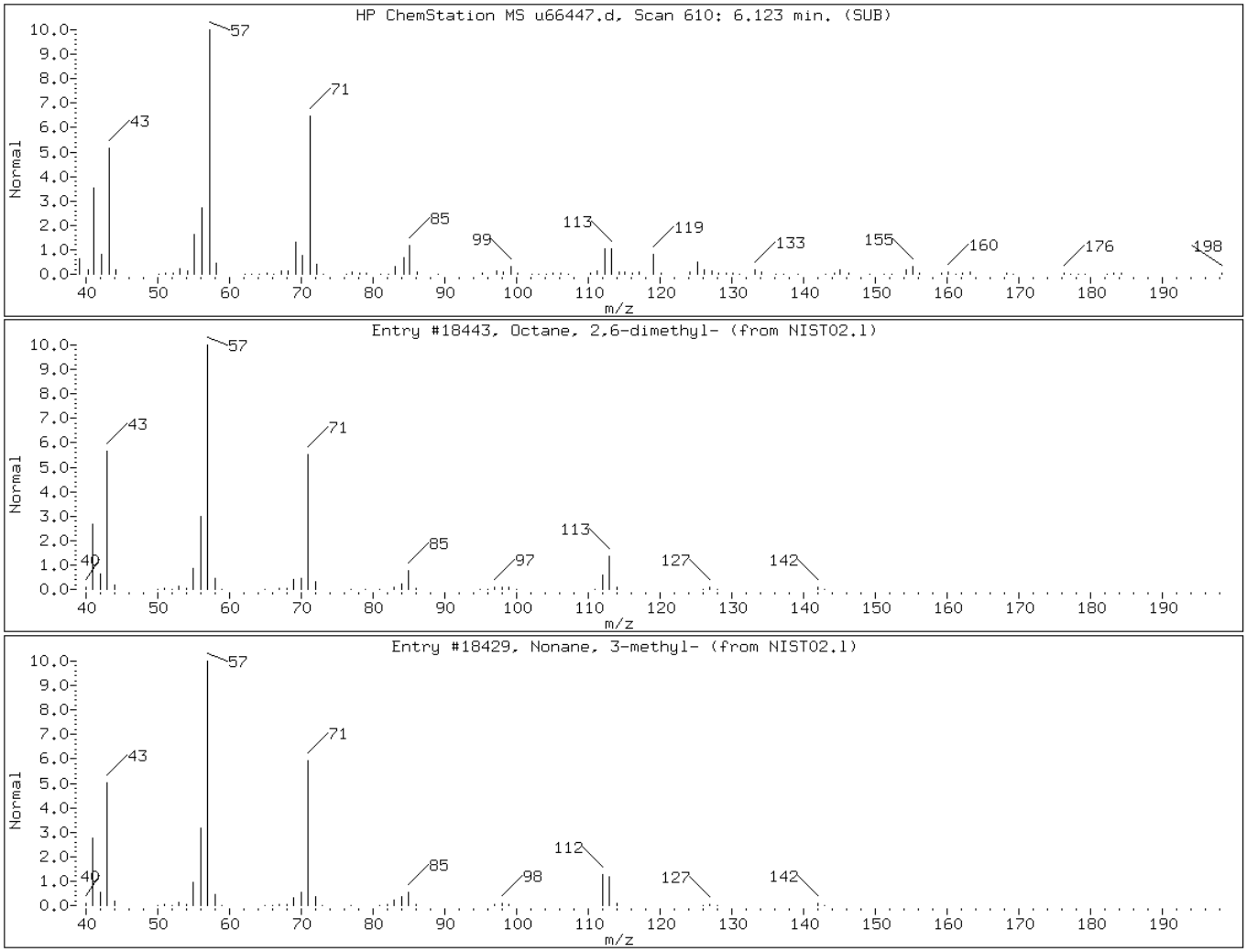
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 6.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	78	C10H22	142
Nonane, 3-methyl-	5911-04-6	NIST02.l	18429	72	C10H22	142



Data File: u66447.d

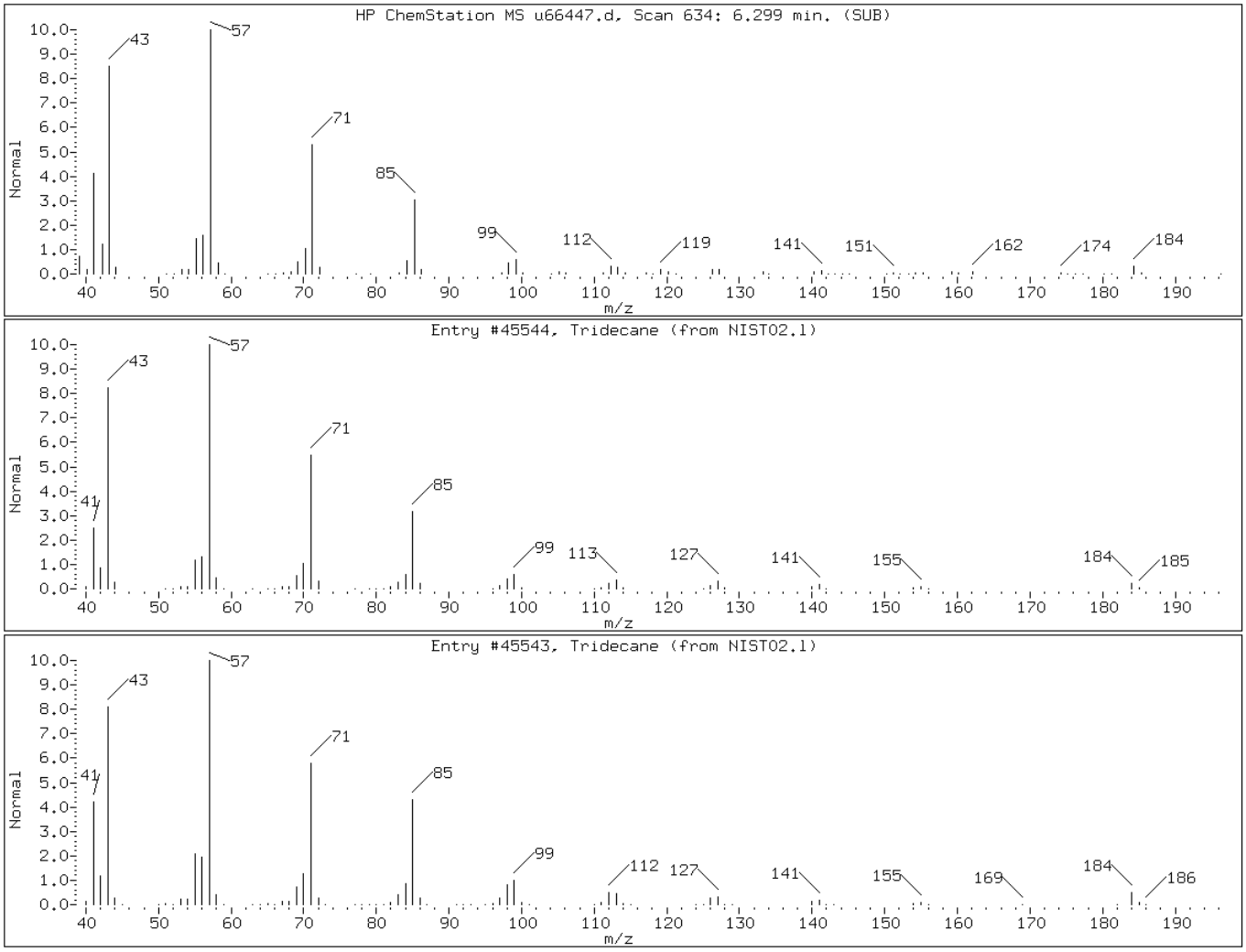
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 6.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane	629-50-5	NIST02.l	45544	94	C13H28	184
Tridecane	629-50-5	NIST02.l	45543	93	C13H28	184



Data File: u66447.d

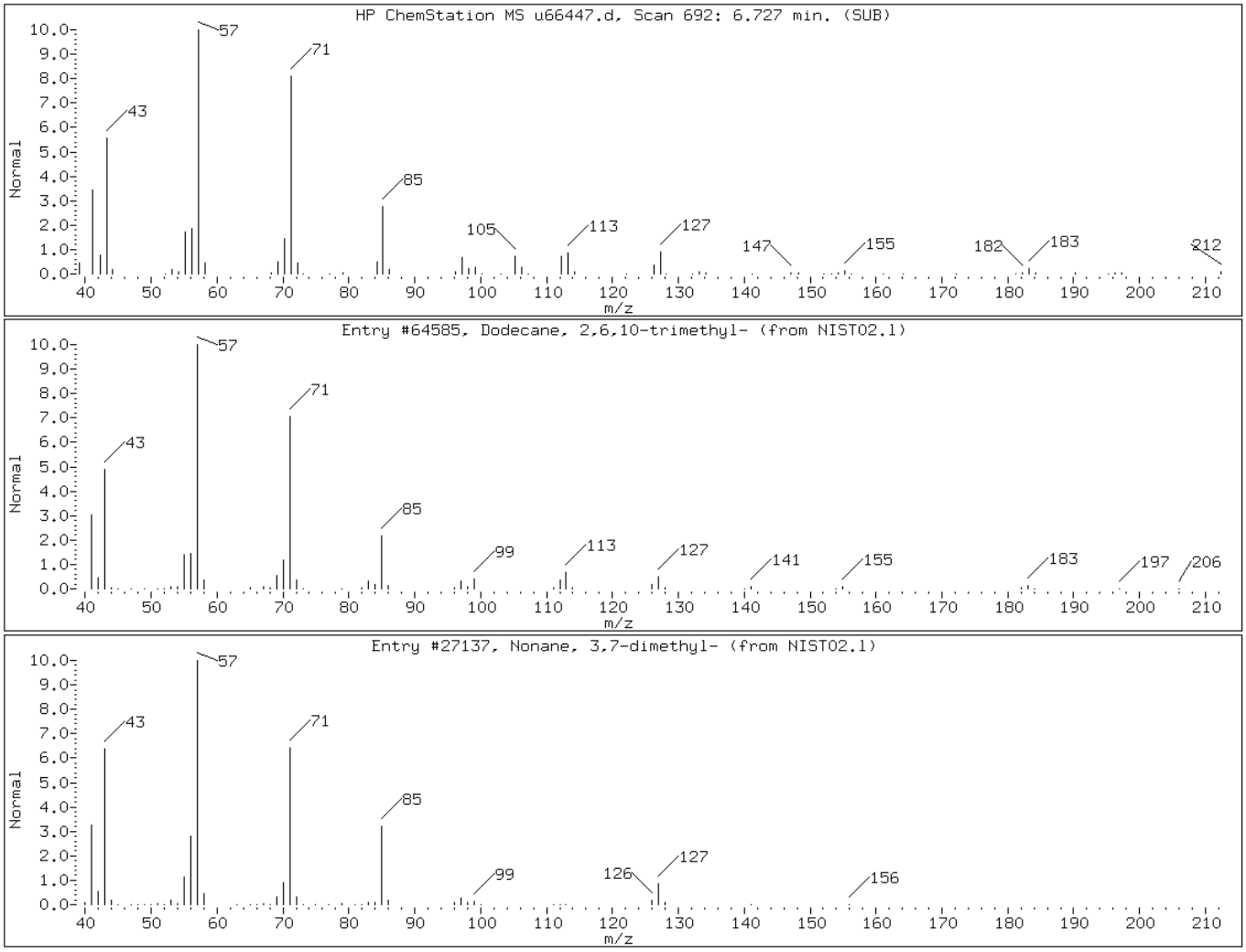
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 6.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64585	90	C15H32	212
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	87	C11H24	156



Data File: u66447.d

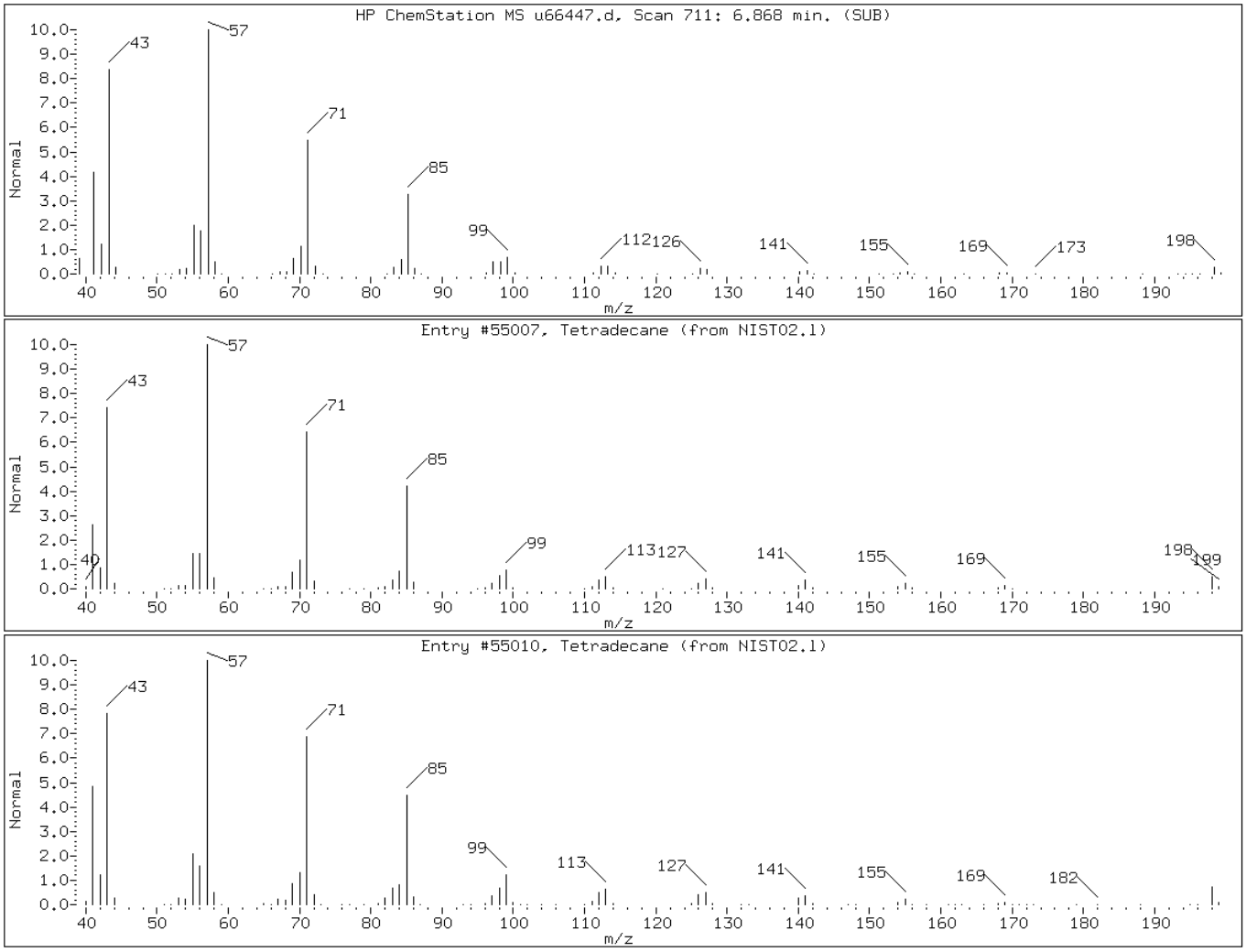
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 6.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tetradecane	629-59-4	NIST02.l	55007	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55010	97	C14H30	198



Data File: u66447.d

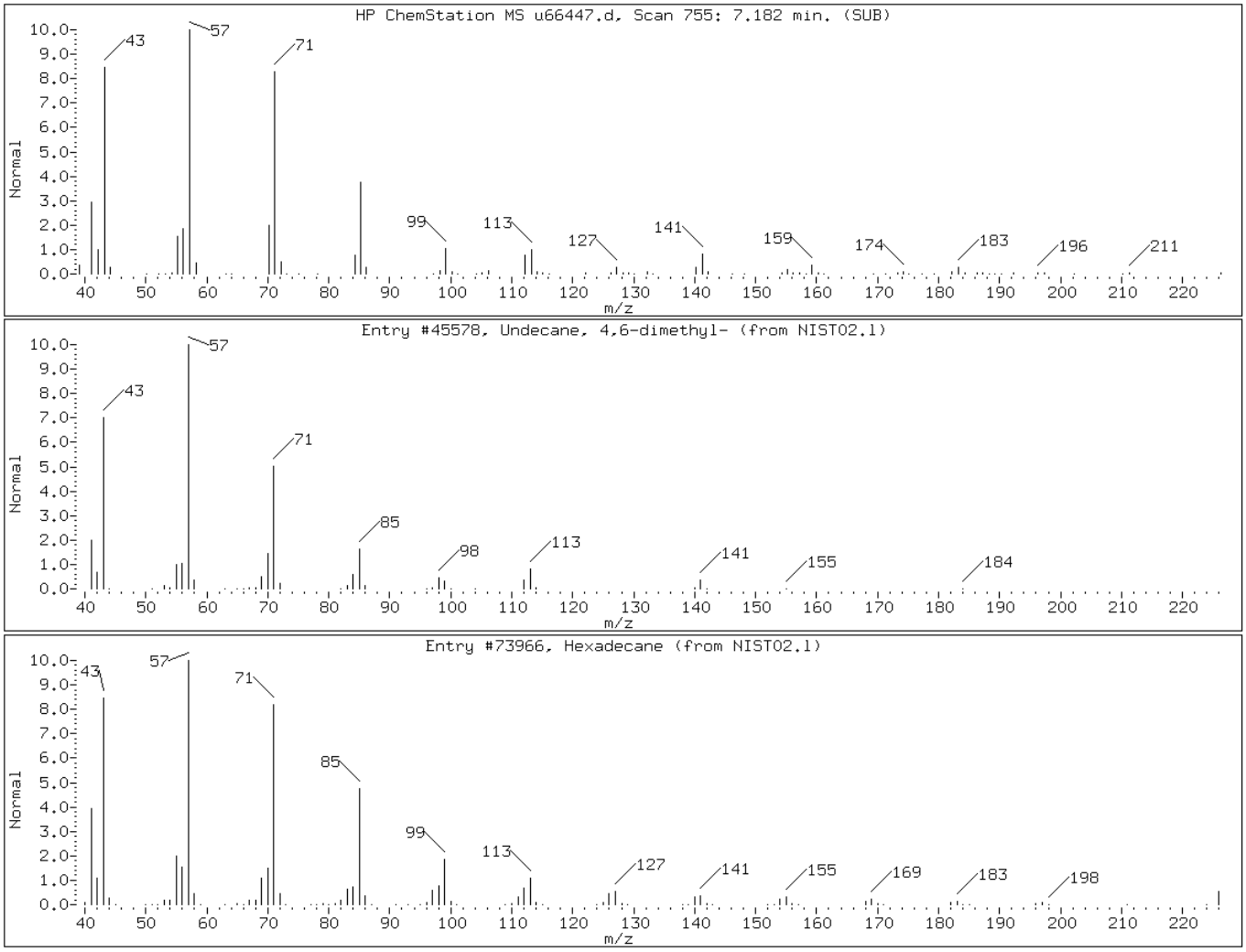
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 7.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.l	45578	81	C13H28	184
Hexadecane	544-76-3	NIST02.l	73966	80	C16H34	226



Data File: u66447.d

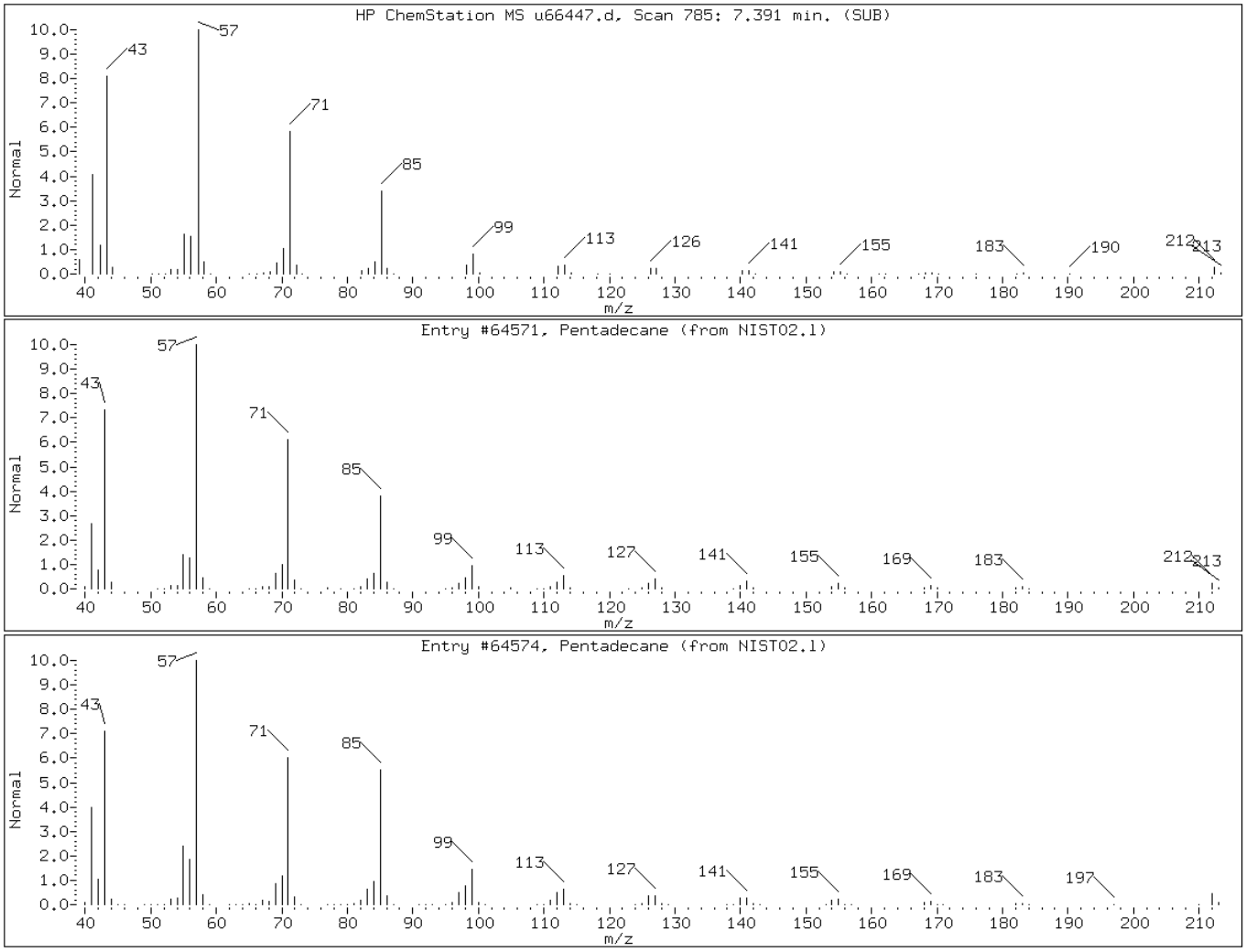
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 7.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane	629-62-9	NIST02.l	64571	94	C15H32	212
Pentadecane	629-62-9	NIST02.l	64574	94	C15H32	212



Data File: u66447.d

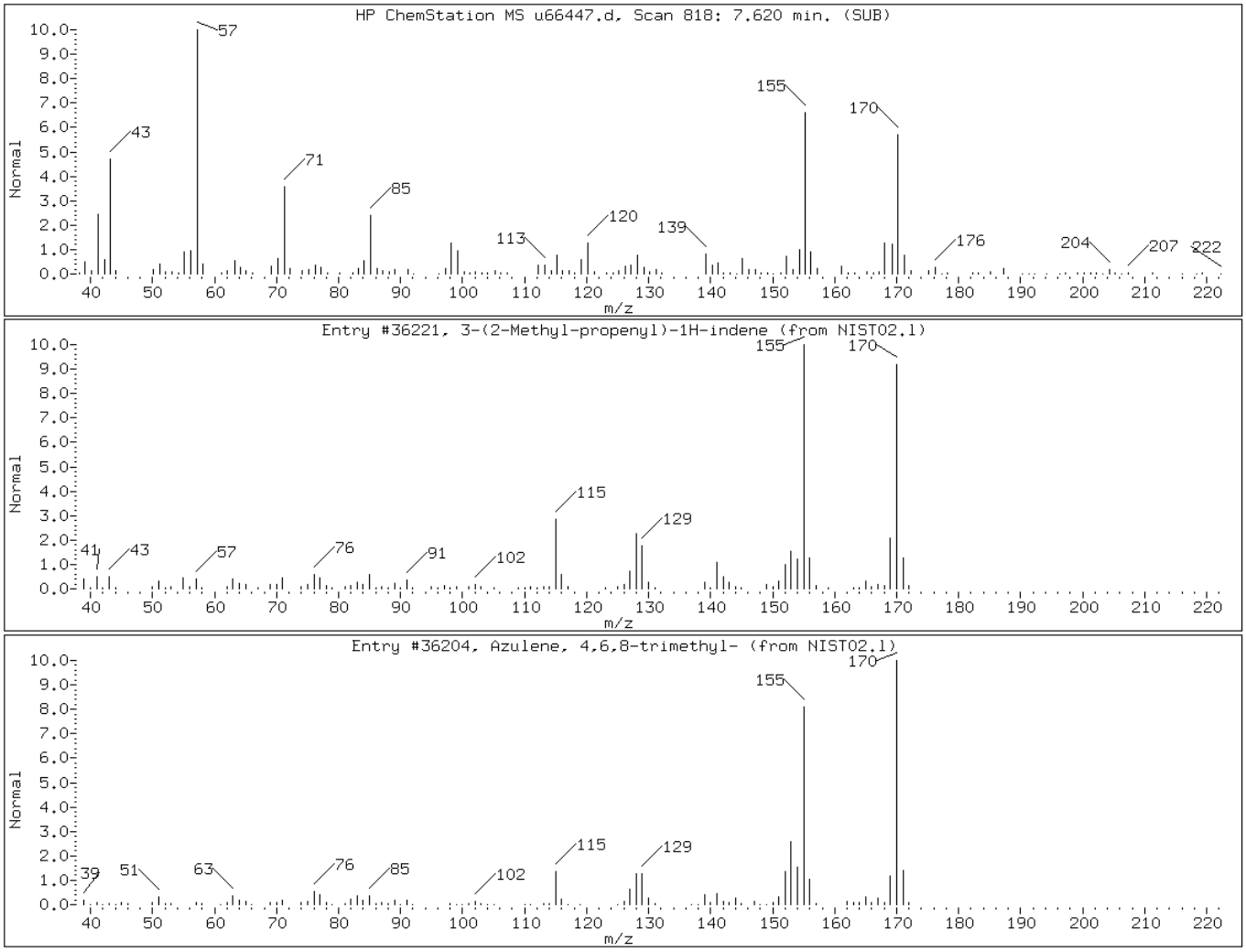
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 7.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
3-(2-Methyl-propenyl)-1H-indene	1000187-78-5	NIST02.l	36221	78	C13H14	170
Azulene, 4,6,8-trimethyl-	941-81-1	NIST02.l	36204	64	C13H14	170



Data File: u66447.d

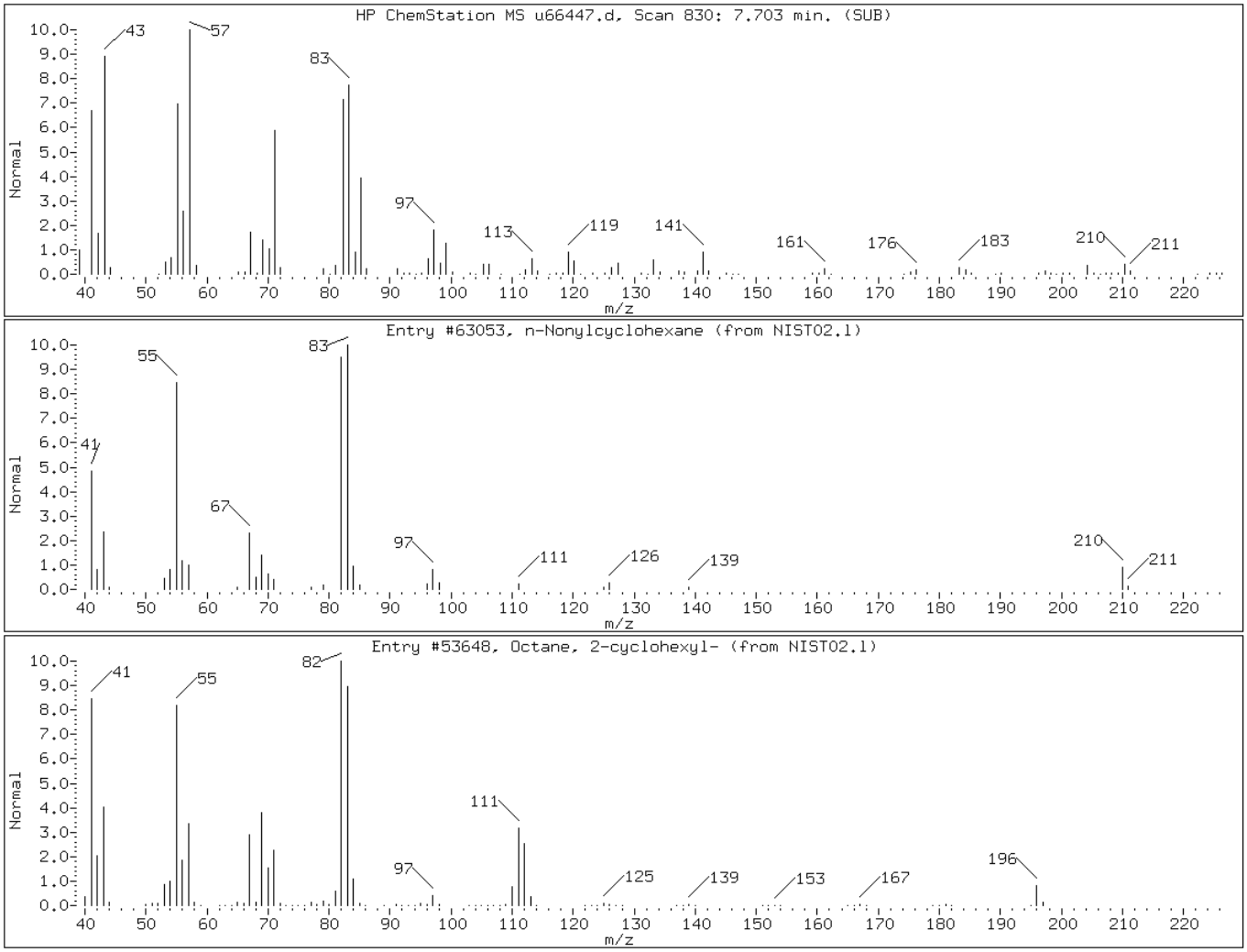
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 7.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
n-Nonylcyclohexane	2883-02-5	NIST02.l	63053	46	C15H30	210
Octane, 2-cyclohexyl-	2883-05-8	NIST02.l	53648	46	C14H28	196



Data File: u66447.d

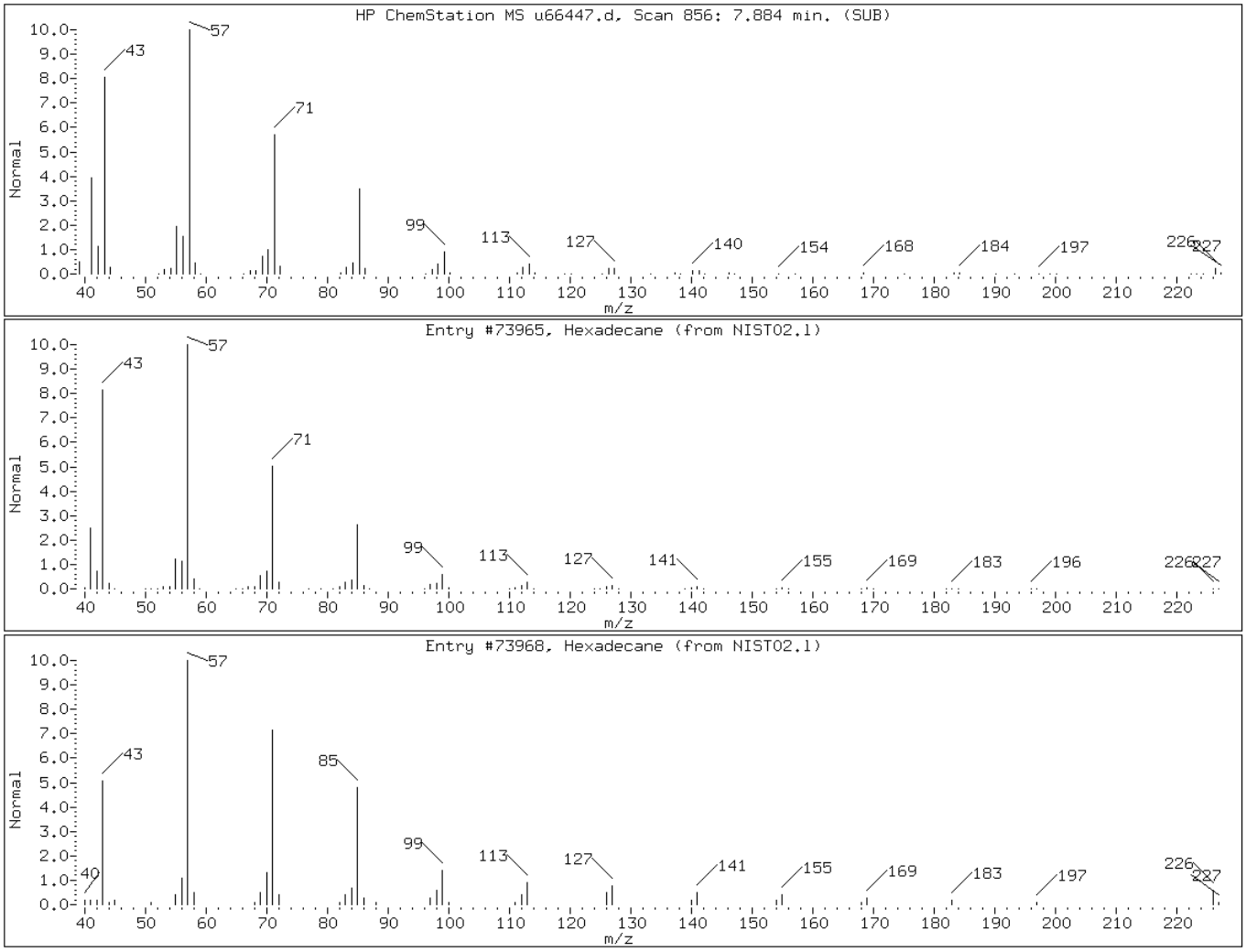
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 7.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane	544-76-3	NIST02.l	73965	94	C16H34	226
Hexadecane	544-76-3	NIST02.l	73968	91	C16H34	226



Data File: u66447.d

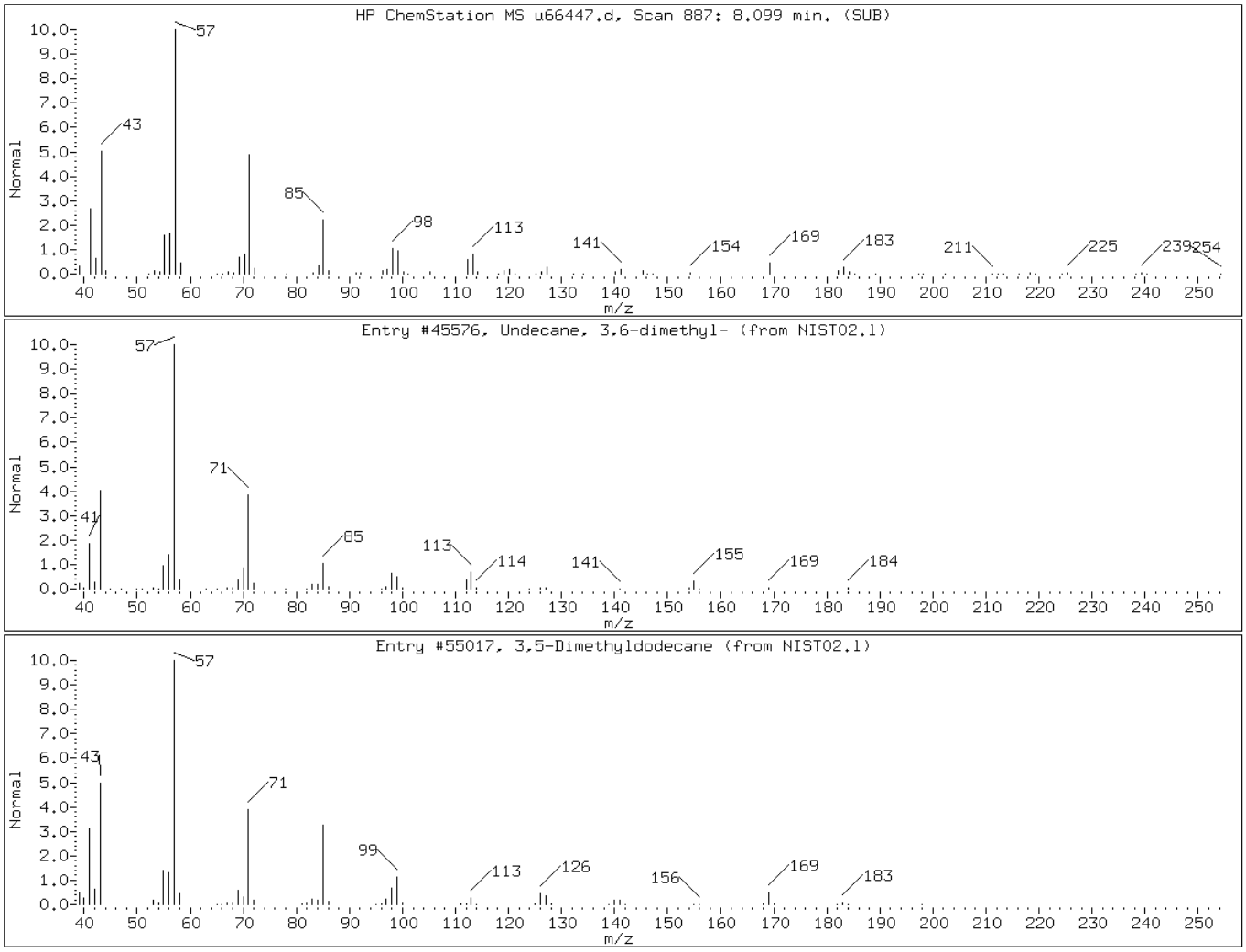
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 8.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	94	C13H28	184
3,5-Dimethyldodecane	107770-99-0	NIST02.l	55017	68	C14H30	198



Data File: u66447.d

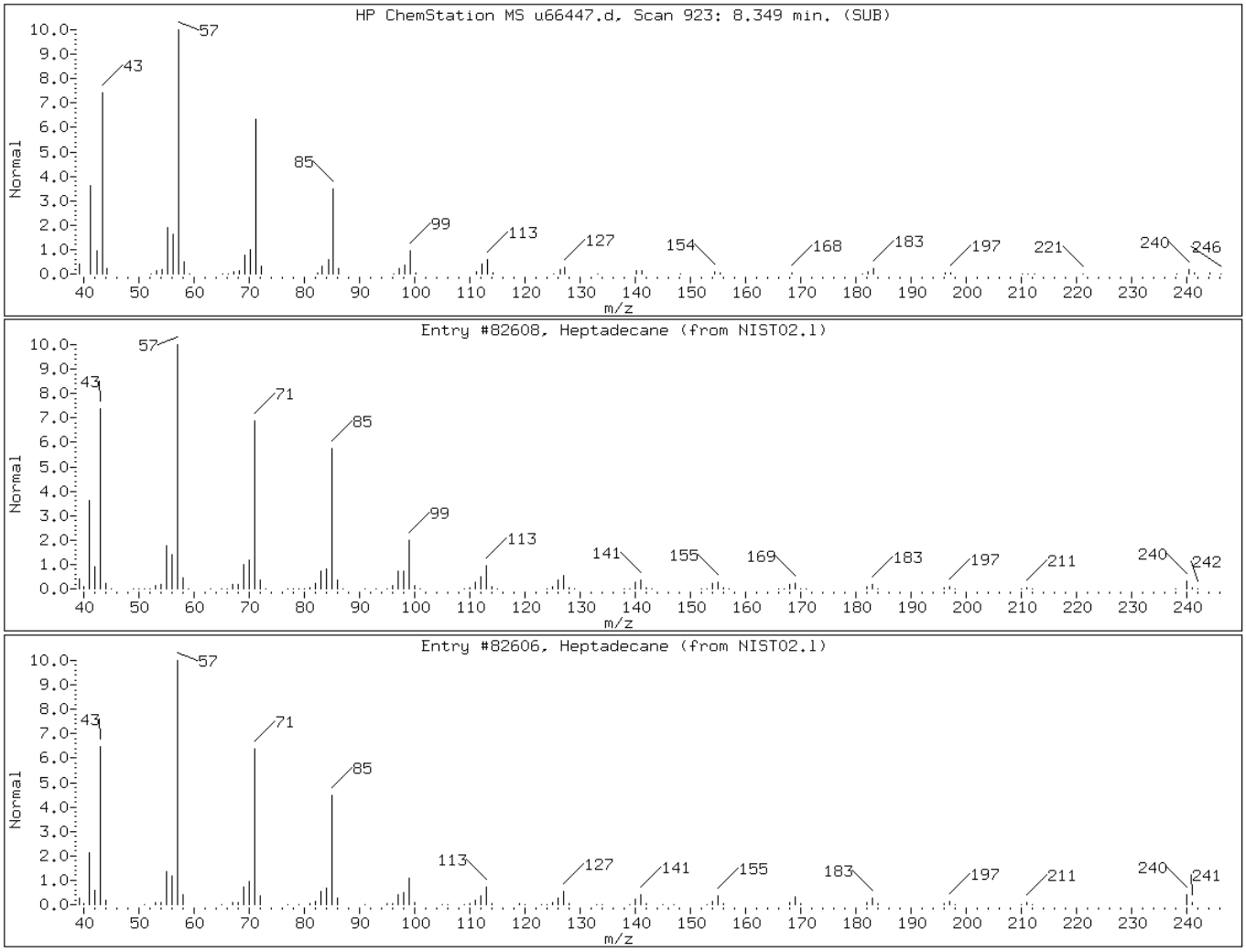
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Heptadecane	629-78-7	NIST02.l	82608	94	C17H36	240
Heptadecane	629-78-7	NIST02.l	82606	91	C17H36	240



Data File: u66447.d

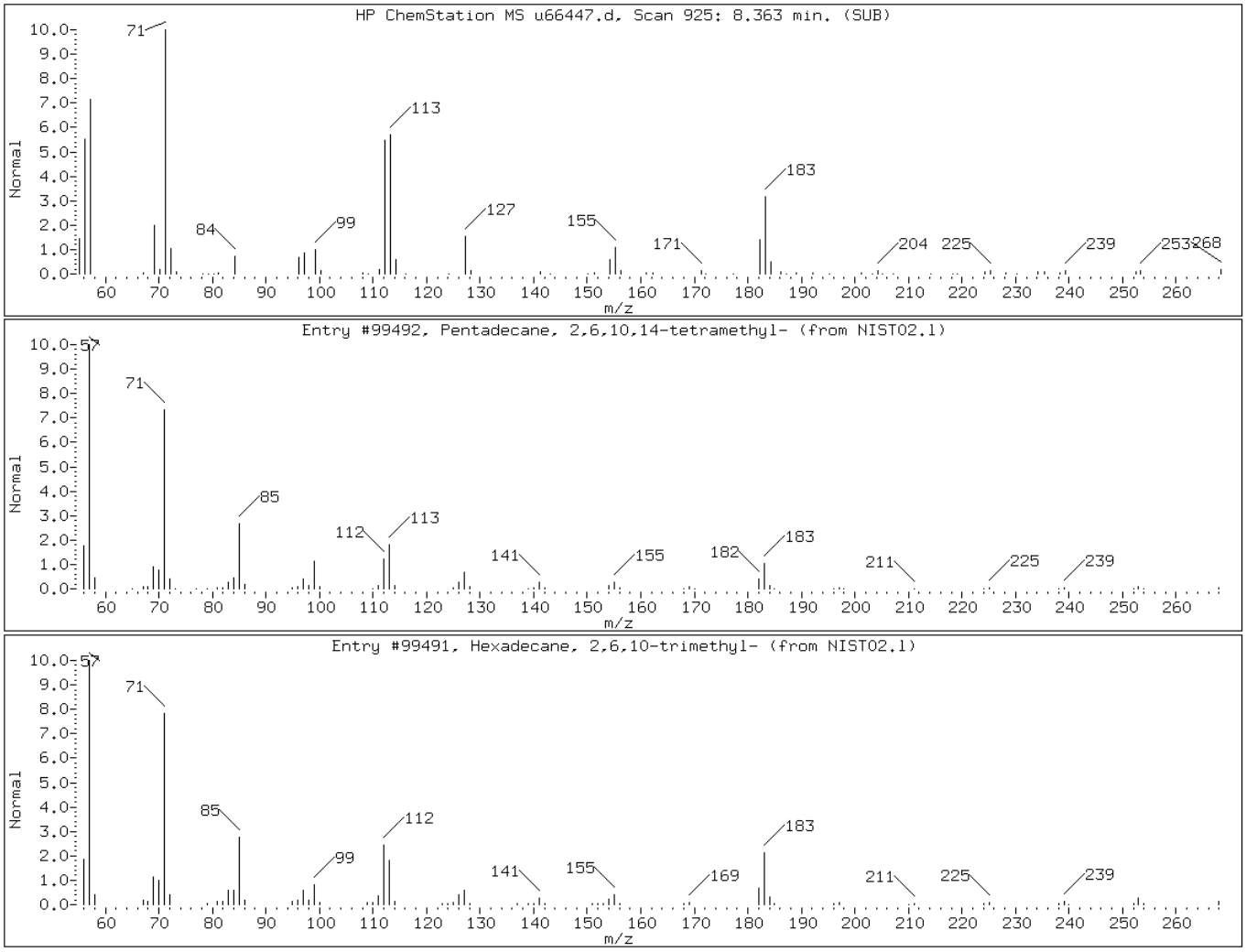
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	62	C19H40	268
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.l	99491	49	C19H40	268



Data File: u66447.d

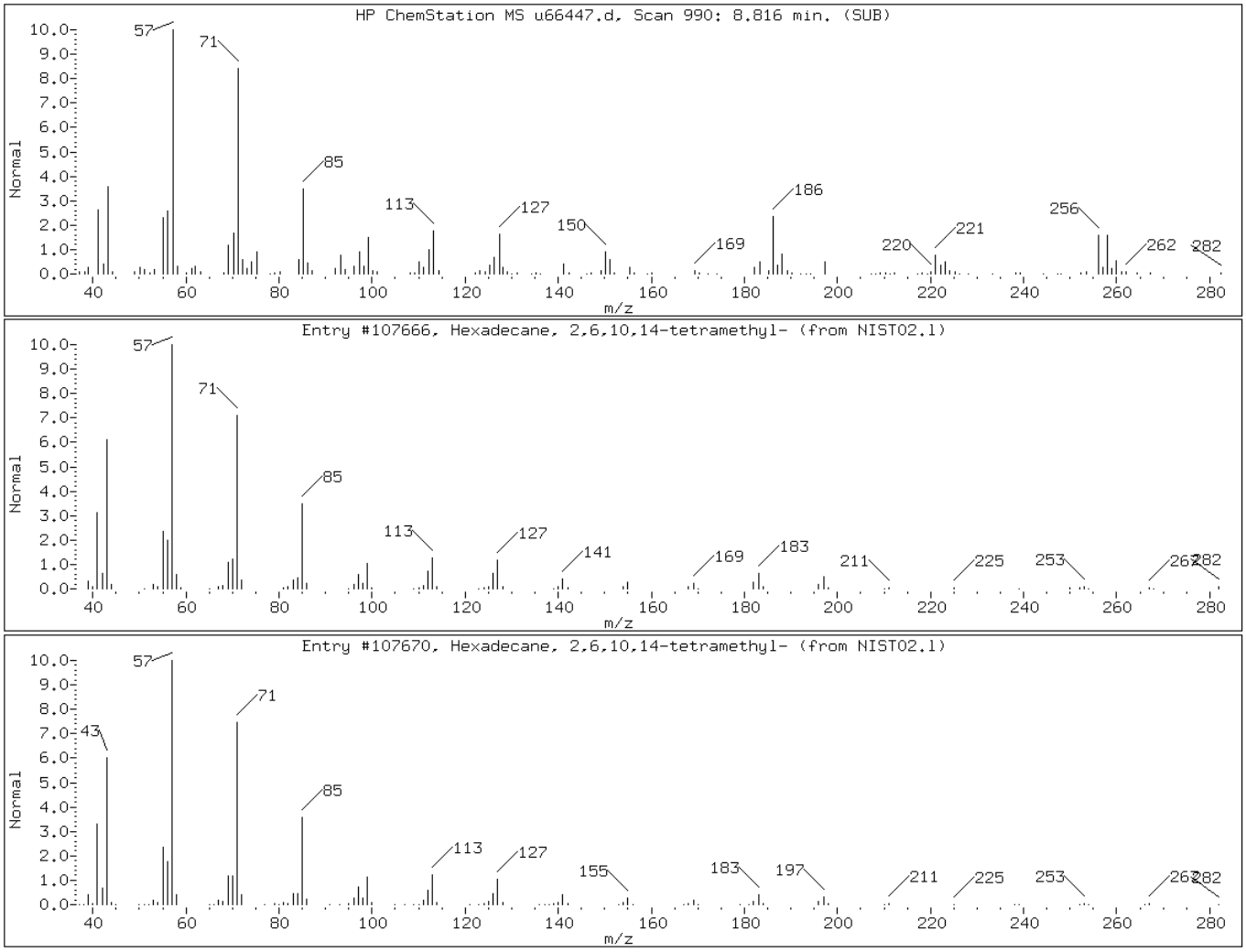
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 8.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	93	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	90	C20H42	282



Data File: u66447.d

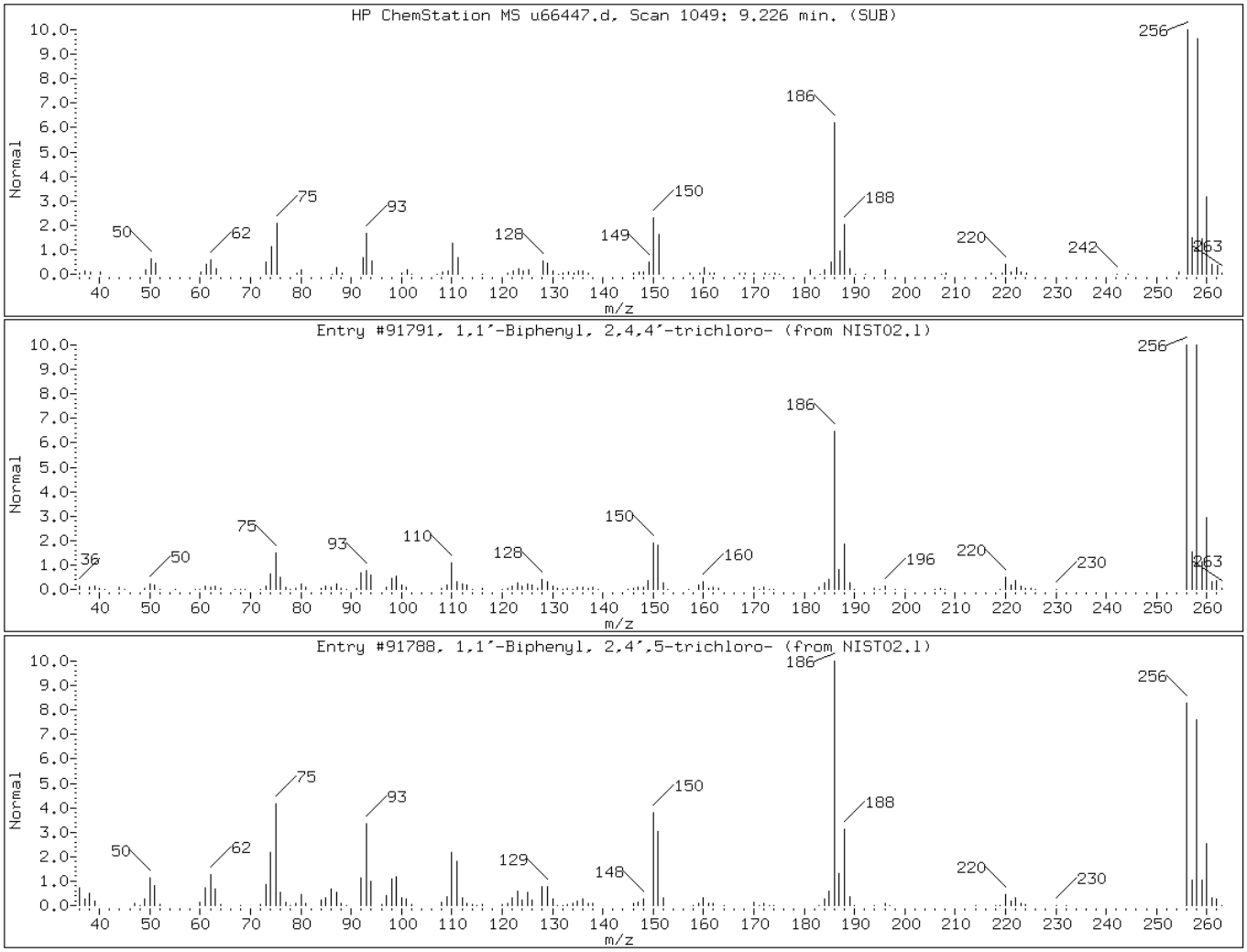
Date: 03-APR-2011 21:56

Client ID: DUP-031711 (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24277-F-5-C Operator: BNAMS 4

Retention Time: 9.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (10.5-11) | Lab Sample ID: 460-24277-6

Matrix: Solid | Lab File ID: z15645.d

Analysis Method: 8270C | Date Collected: 03/17/2011 00:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.04(g) | Date Analyzed: 04/01/2011 17:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	47
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
106-44-5	4-Methylphenol	380	U	380	62
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	56
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.9
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.5
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	44
88-75-5	2-Nitrophenol	380	U	380	63
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	2700		380	56
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	77	U	77	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	6700	*	380	56
118-74-1	Hexachlorobenzene	38	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	Diphenyl	380	U	380	63
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	770	U	770	100
606-20-2	2,6-Dinitrotoluene	77	U	77	9.7
131-11-3	Dimethyl phthalate	380	U	380	51
208-96-8	Acenaphthylene	380	U	380	54
99-09-2	3-Nitroaniline	770	U	770	86
83-32-9	Acenaphthene	570		380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (10.5-11) | Lab Sample ID: 460-24277-6

Matrix: Solid | Lab File ID: z15645.d

Analysis Method: 8270C | Date Collected: 03/17/2011 00:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.04(g) | Date Analyzed: 04/01/2011 17:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	98
51-28-5	2,4-Dinitrophenol	1200	U	1200	81
132-64-9	Dibenzofuran	380	U	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	790		380	64
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	77	U	77	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	65
100-01-6	4-Nitroaniline	770	U *	770	79
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
1912-24-9	Atrazine	380	U	380	71
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	61
85-01-8	Phenanthrene	1400		380	66
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	99	J	380	66
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.7
50-32-8	Benzo[a]pyrene	38	U	38	4.7
56-55-3	Benzo[a]anthracene	38	U	38	7.0
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
85-68-7	Butyl benzyl phthalate	380	U	380	44
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	50
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
91-94-1	3,3'-Dichlorobenzidine	770	U	770	84
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (10.5-11) Lab Sample ID: 460-24277-6

Matrix: Solid Lab File ID: z15645.d

Analysis Method: 8270C Date Collected: 03/17/2011 00:00

Extract. Method: 3541 Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.04(g) Date Analyzed: 04/01/2011 17:35

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	76		16-151
118-79-6	2,4,6-Tribromophenol	85		10-120
367-12-4	2-Fluorophenol	73		37-125
321-60-8	2-Fluorobiphenyl	76		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (10.5-11) | Lab Sample ID: 460-24277-6

Matrix: Solid | Lab File ID: z15645.d

Analysis Method: 8270C | Date Collected: 03/17/2011 00:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.04(g) | Date Analyzed: 04/01/2011 17:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 109400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C11H24 Alkane	3.08	10000	J
	C10H14 Aromatic	3.19	3300	J
	Decahydromethylnaphthalene isomer-1	3.30	3500	J
	C12H26 Alkane	3.85	8600	J
	Unknown Alkane-1	3.93	5000	J
	Unknown-2	4.26	3400	J
	Unknown Alkane-2	4.32	6100	J
	C13H28 Alkane	4.49	5700	J
90-12-0	1-Methylnaphthalene	4.55	4700	
	Unknown Alkane-3	4.93	9300	J
	Ethylnaphthalene isomer-1	5.03	3600	J
	Dimethylnaphthalene isomer-1	5.10	3800	J
575-41-7	1,3-Dimethylnaphthalene	5.18	10000	E
	Dimethylnaphthalene isomer-2	5.20	4800	J
	C15H32 Alkane	5.59	3800	J
	Trimethylnaphthalene isomer-1	5.76	4000	J
	Trimethylnaphthalene isomer-2	5.82	5200	J
	Unknown-3	5.85	3600	J
	C16H34 Alkane	6.07	7000	J
	Unknown Alkane-4	6.29	4000	J

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15645.d
Report Date: 02-Apr-2011 15:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15645.d
Lab Smp Id: 460-24277-F-6-C Client Smp ID: DUP-031711 (10.5-11
Inj Date : 01-APR-2011 17:35
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24277-F-6-C
Misc Info : 460-24277-F-6-C
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/8270C_08SP.m
Meth Date : 01-Apr-2011 17:32 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	13.29787	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.322	1.287	(0.564)	883234	73.3964	5600
$ 17 Phenol-d5 (SUR)	99	2.104	2.110	(0.897)	1152684	82.1039	6300
21 1,3-Dichlorobenzene	146	2.287	2.287	(0.975)	55155	3.41462	260(a)
* 79 1,4-Dichlorobenzene-d4	152	2.345	2.346	(1.000)	386918	40.0000	
22 1,4-Dichlorobenzene	146	2.357	2.357	(1.005)	194902	12.1631	930
23 1,2-Dichlorobenzene	146	2.498	2.499	(1.065)	92229	6.08287	470
$ 76 Nitrobenzene-d5 (SUR)	82	2.916	2.928	(0.791)	574806	40.5468	3100
30 1,2,4-Trichlorobenzene	180	3.657	3.640	(0.992)	193323	15.9795	1200
* 80 Naphthalene-d8	136	3.687	3.681	(1.000)	1353181	40.0000	
31 Naphthalene	128	3.710	3.698	(1.006)	1298509	35.0113	2700
34 2-Methylnaphthalene	142	4.457	4.434	(1.209)	1860264	87.4760	6700
120 1-Methylnaphthalene	142	4.551	4.522	(1.235)	1269894	61.1494	4700
$ 77 2-Fluorobiphenyl (SUR)	172	4.857	4.840	(0.887)	832682	38.0261	2900

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15645.d
Report Date: 02-Apr-2011 15:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
125	1,3-Dimethylnaphthalene	156	5.181	5.145	(0.946)	1875887	133.457	10000(A)
* 82	Acenaphthene-d10	164	5.475	5.451	(1.000)	558477	40.0000	
42	Acenaphthene	154	5.504	5.481	(1.005)	111333	7.37915	560
47	Fluorene	166	6.010	5.987	(1.098)	169414	10.3667	790
$ 18	2,4,6-Tribromophenol (SUR)	330	6.245	6.222	(1.141)	198483	85.2258	6500
* 83	Phenanthrene-d10	188	6.886	6.863	(1.000)	794418	40.0000	
52	Phenanthrene	178	6.910	6.887	(1.003)	405211	17.9945	1400
57	Pyrene	202	8.222	8.216	(0.876)	29068	1.29673	99(a)
$ 78	Terphenyl-d14	244	8.451	8.445	(0.900)	565288	37.8745	2900
* 81	Chrysene-d12	240	9.386	9.386	(1.000)	553290	40.0000	
* 84	Perylene-d12	264	10.686	10.686	(1.000)	432709	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15645.d
Report Date: 02-Apr-2011 15:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15645.d
Lab Smp Id: 460-24277-F-6-C Client Smp ID: DUP-031711 (10.5-11
Inj Date : 01-APR-2011 17:35
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24277-F-6-C
Misc Info : 460-24277-F-6-C
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/8270C_08SP.m
Meth Date : 01-Apr-2011 17:32 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	13.29787	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	3.687	2946900	40.000
* 82 Acenaphthene-d10	5.475	3242329	40.000
* 83 Phenanthrene-d10	6.886	4849973	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C11H24 Alkane				CAS #:			
3.081	9622313	130.609280	10000	0	0	0	80

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15645.d
Report Date: 02-Apr-2011 15:04

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H14 Aromatic					CAS #:		
3.187	3171033	43.0422926	3300	0		0	80
Decahydromethylnaphthalene isomer-1					CAS #:		
3.298	3376208	45.8272506	3500	0		0	80
C12H26 Alkane					CAS #:		
3.845	8227352	111.674658	8600	0		0	80
Unknown Alkane-1					CAS #:		
3.934	4820674	65.4338292	5000	0		0	80
Unknown-1					CAS #:		
3.981	3147581	42.7239635	3300	0		0	80
Unknown-2					CAS #:		
4.263	3296384	44.7437429	3400	0		0	80
Unknown Alkane-2					CAS #:		
4.322	5900259	80.0876679	6100	0		0	80
C13H28 Alkane					CAS #:		
4.492	5448038	73.9494061	5700	0		0	80
Unknown Alkane-3					CAS #:		
4.928	9804724	120.959013	9300	0		0	82
Ethylnaphthalene isomer-1					CAS #:		
5.034	3784759	46.6918506	3600	0		0	82
Dimethylnaphthalene isomer-1					CAS #:		
5.104	3980049	49.1011037	3800	0		0	82
Dimethylnaphthalene isomer-2					CAS #:		
5.198	5113596	63.0854551	4800	0		0	82
Dimethylnaphthalene isomer-3					CAS #:		
5.281	3181998	39.2557034	3000	0		0	82
C15H32 Alkane					CAS #:		
5.592	4069024	50.1987741	3800	0		0	82
Trimethylnaphthalene isomer-1					CAS #:		
5.757	4209344	51.9298787	4000	0		0	82

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15645.d
Report Date: 02-Apr-2011 15:04

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trimethylnaphthalene isomer-2					CAS #:		
5.822	5518545	68.0812374	5200	0		0	82
Unknown-3					CAS #:		
5.845	3812081	47.0289187	3600	0		0	82
C16H34 Alkane					CAS #:		
6.075	7449749	91.9061287	7000	0		0	82
Unknown Alkane-4					CAS #:		
6.292	6357498	52.4332559	4000	0		0	83(M)
Unknown Alkane-5					CAS #:		
6.992	4739341	39.0875629	3000	0		0	83(M)
Trichloro-1,1-biphenyl isomer-1					CAS #:		
7.280	3954729	32.6165007	2500	0		0	83(M)
Trichloro-1,1-biphenyl isomer-2					CAS #:		
7.404	3183503	26.2558379	2000	0		0	83
Cyclic octaatomic sulfur					CAS #: 10544-50-0		
8.004	3888426	32.0696671	2400	87	NIST02.l	92477	83

QC Flag Legend

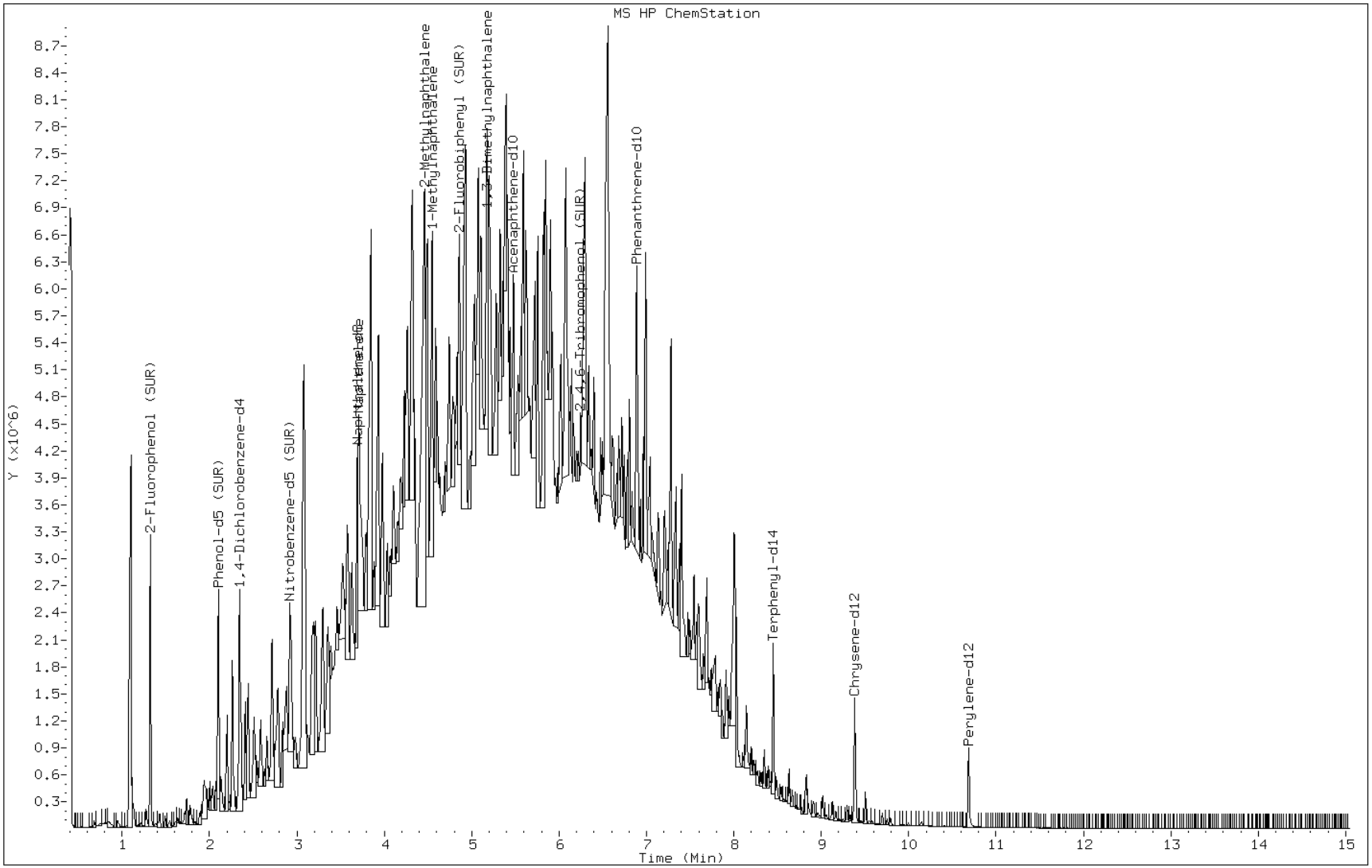
M - Compound response manually integrated.

Data File: z15645.d

Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4



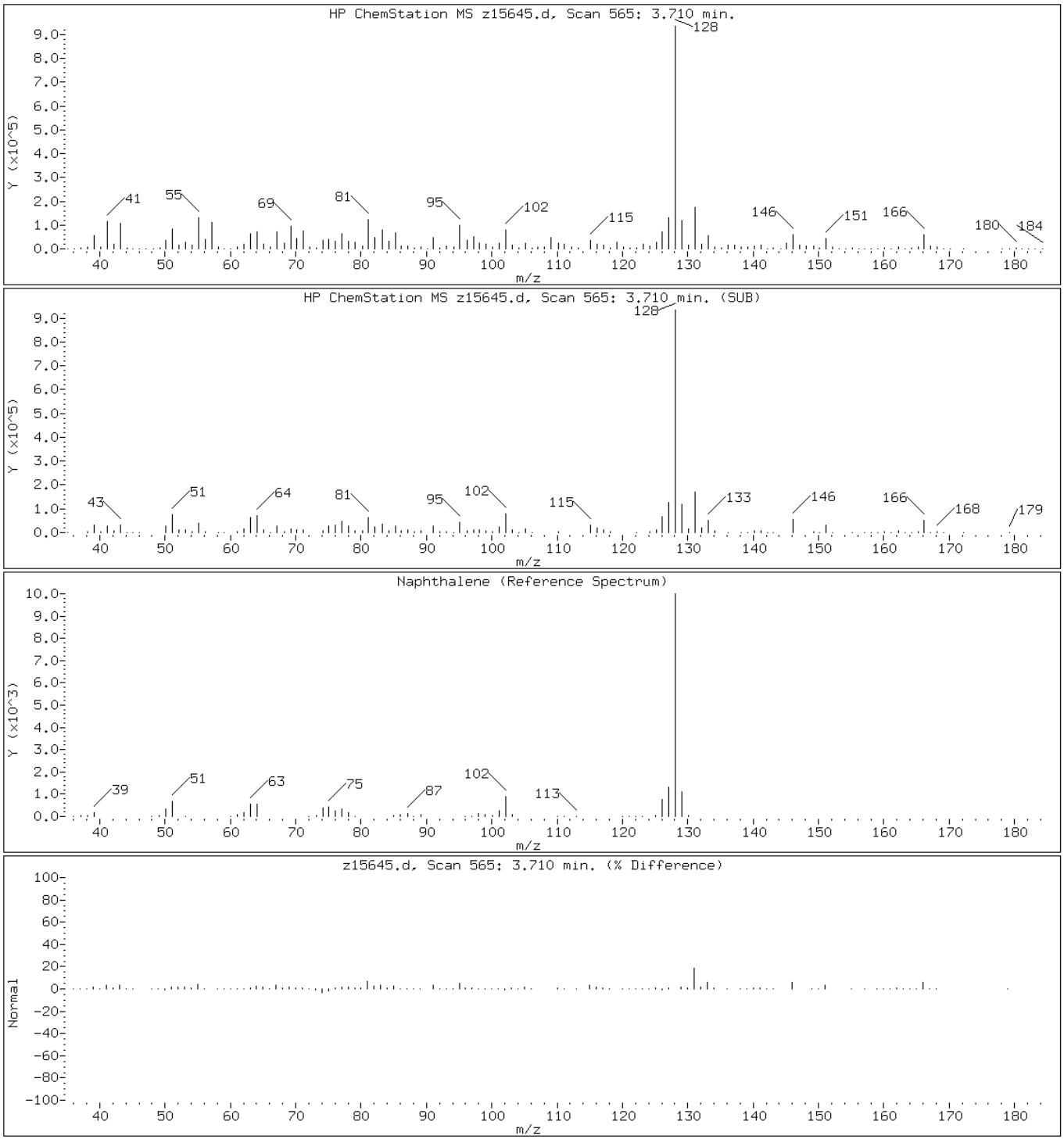
Data File: z15645.d

Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

31 Naphthalene



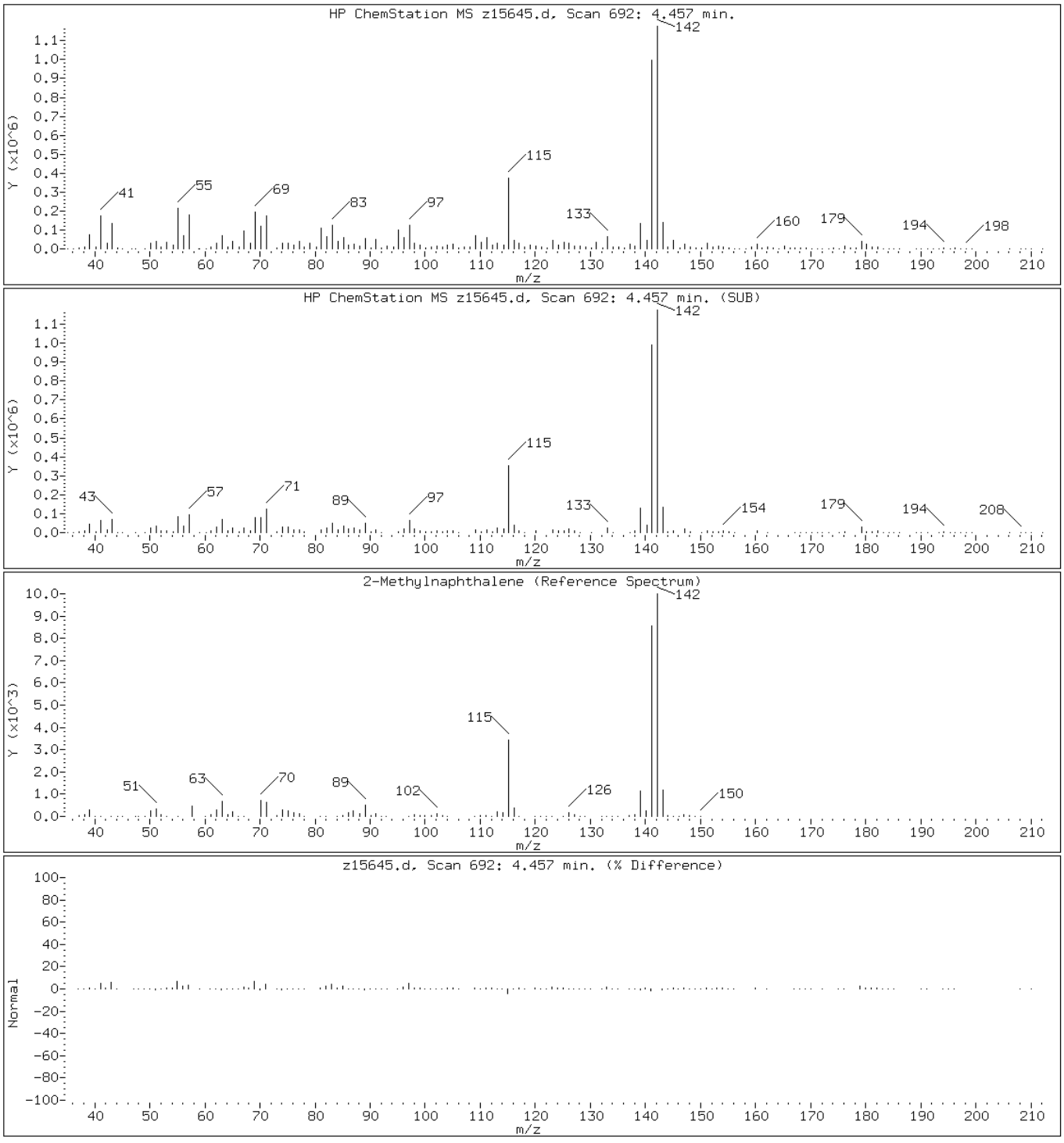
Data File: z15645.d

Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

34 2-Methylnaphthalene



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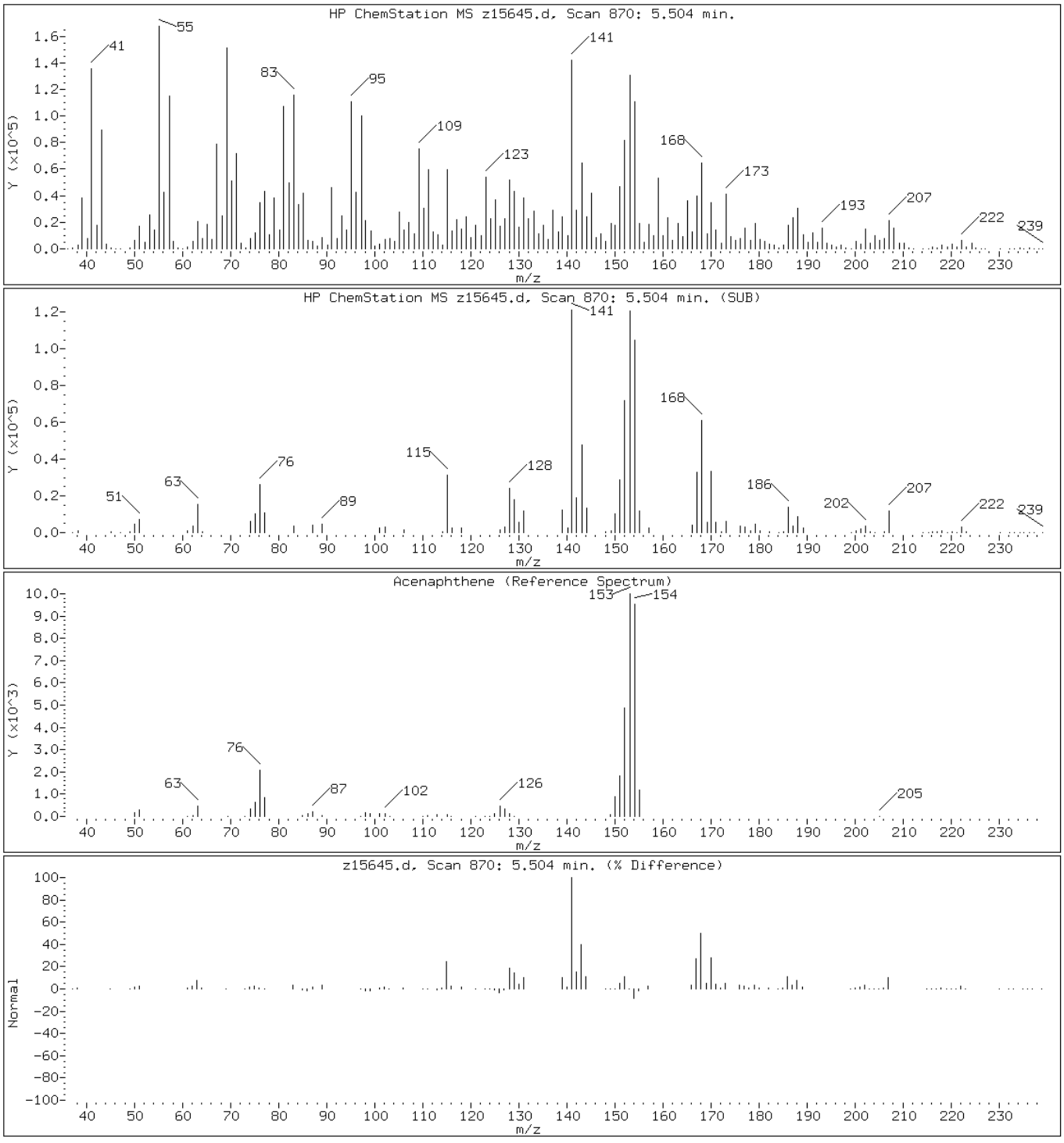
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

42 Acenaphthene



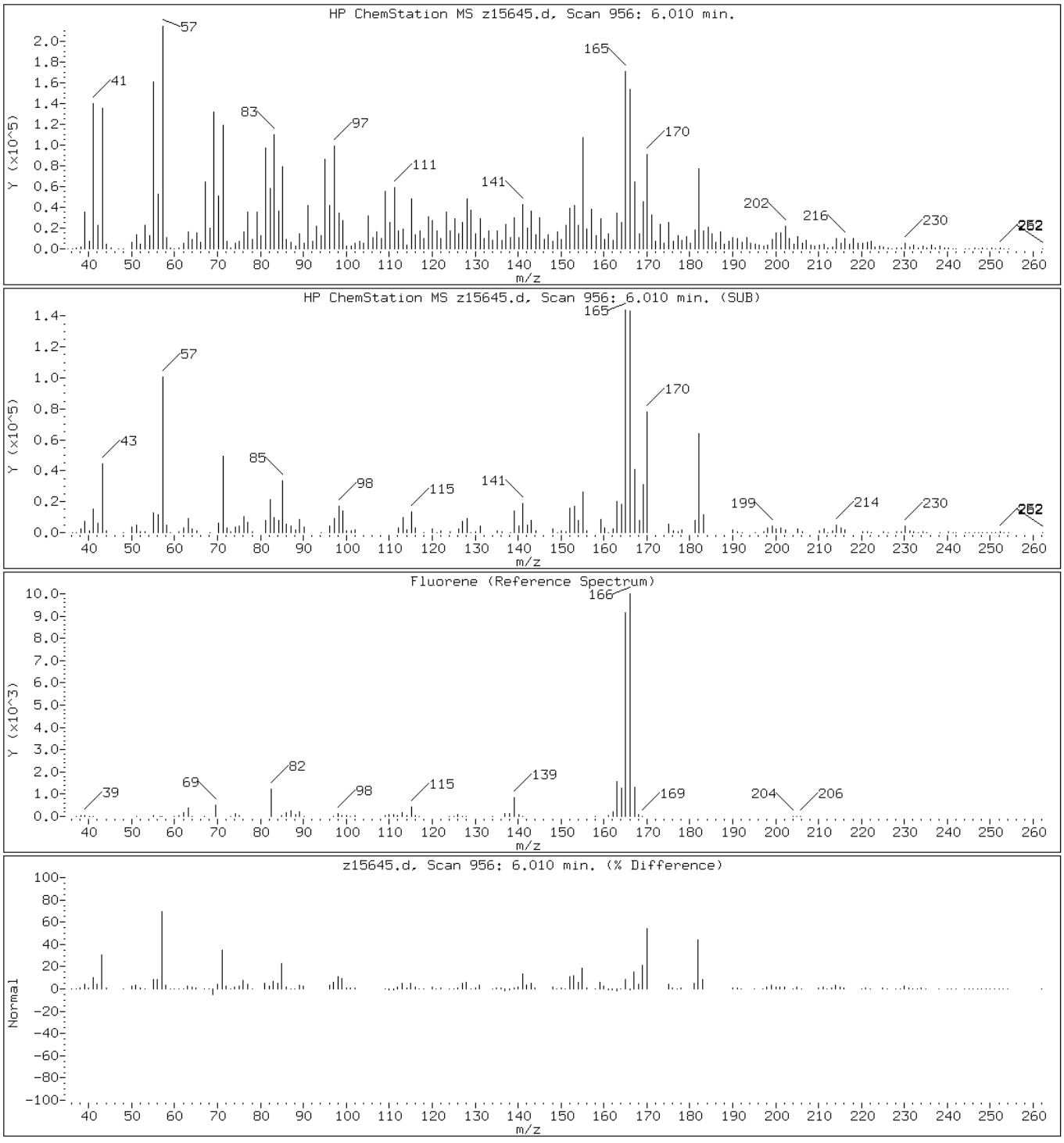
Data File: z15645.d

Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

47 Fluorene



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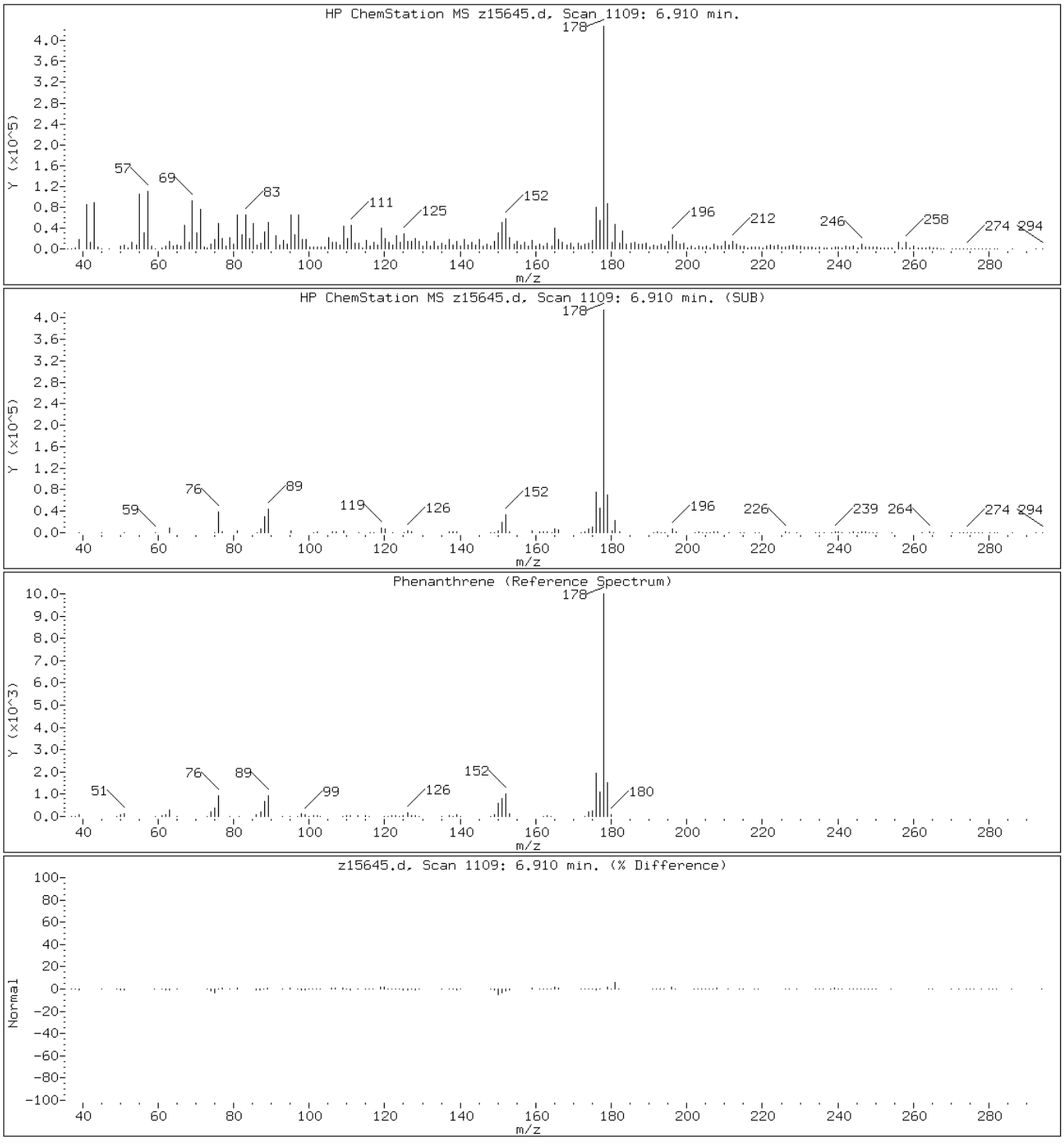
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

52 Phenanthrene



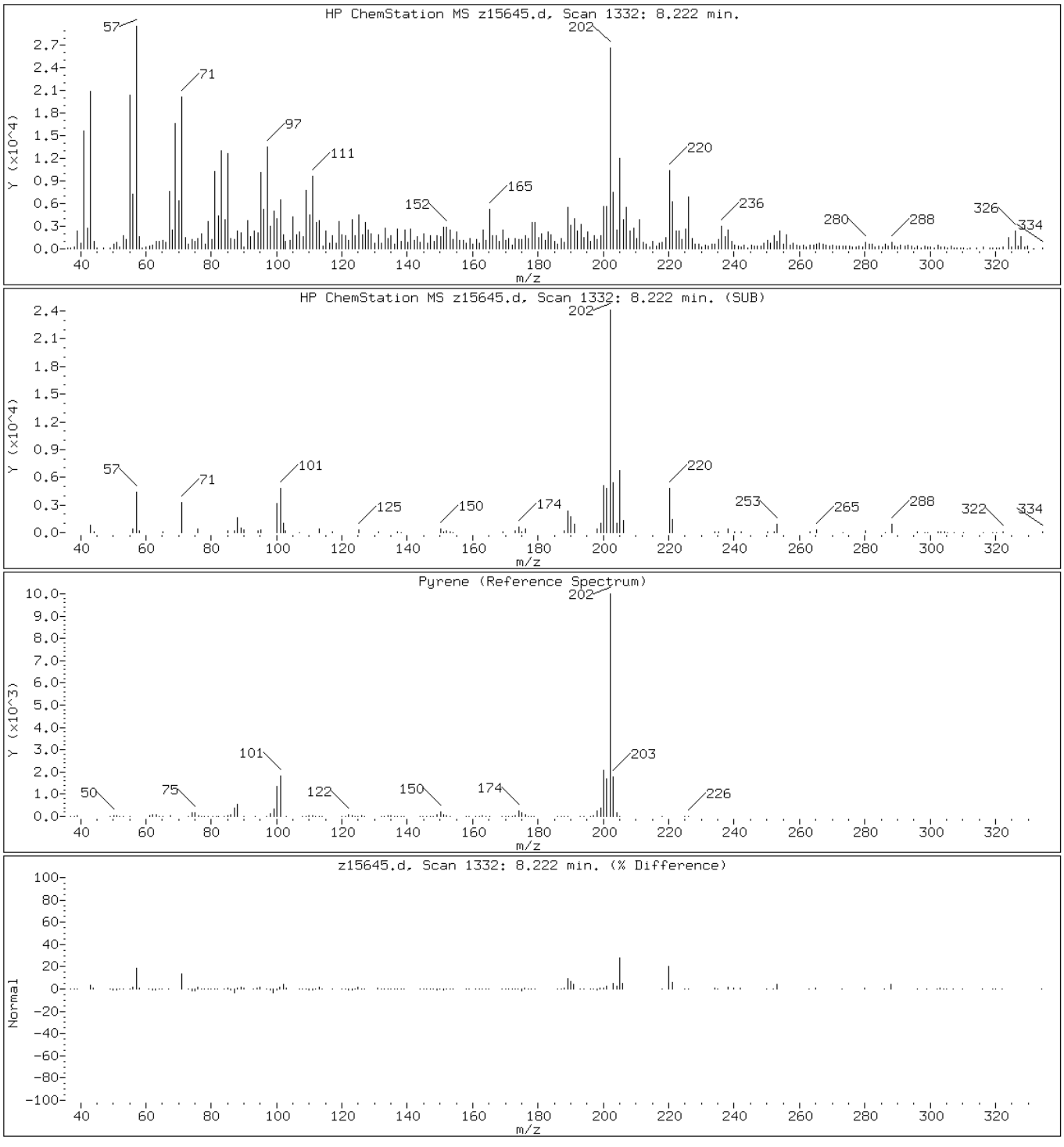
Data File: z15645.d

Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

57 Pyrene



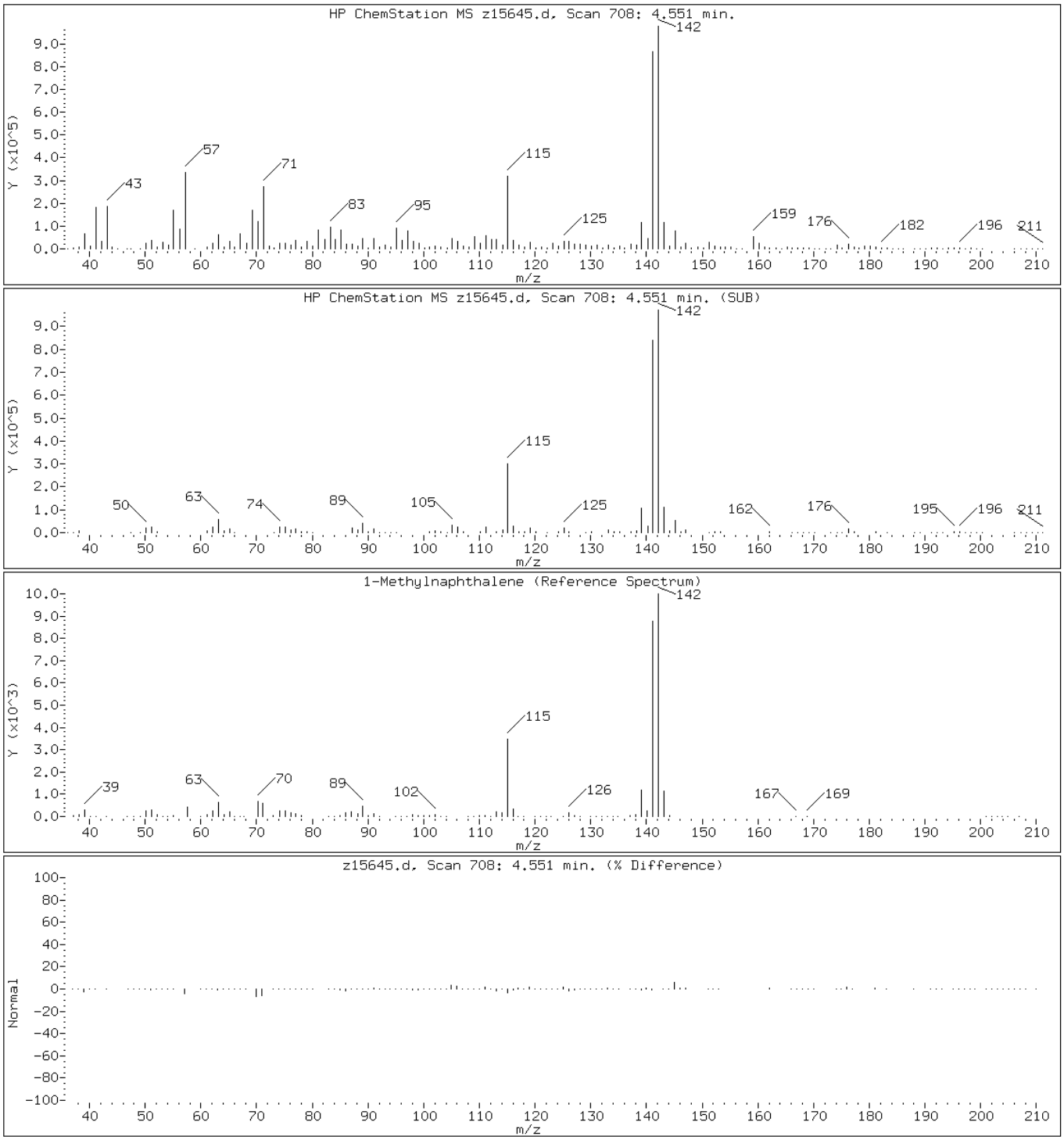
Data File: z15645.d

Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

120 1-Methylnaphthalene



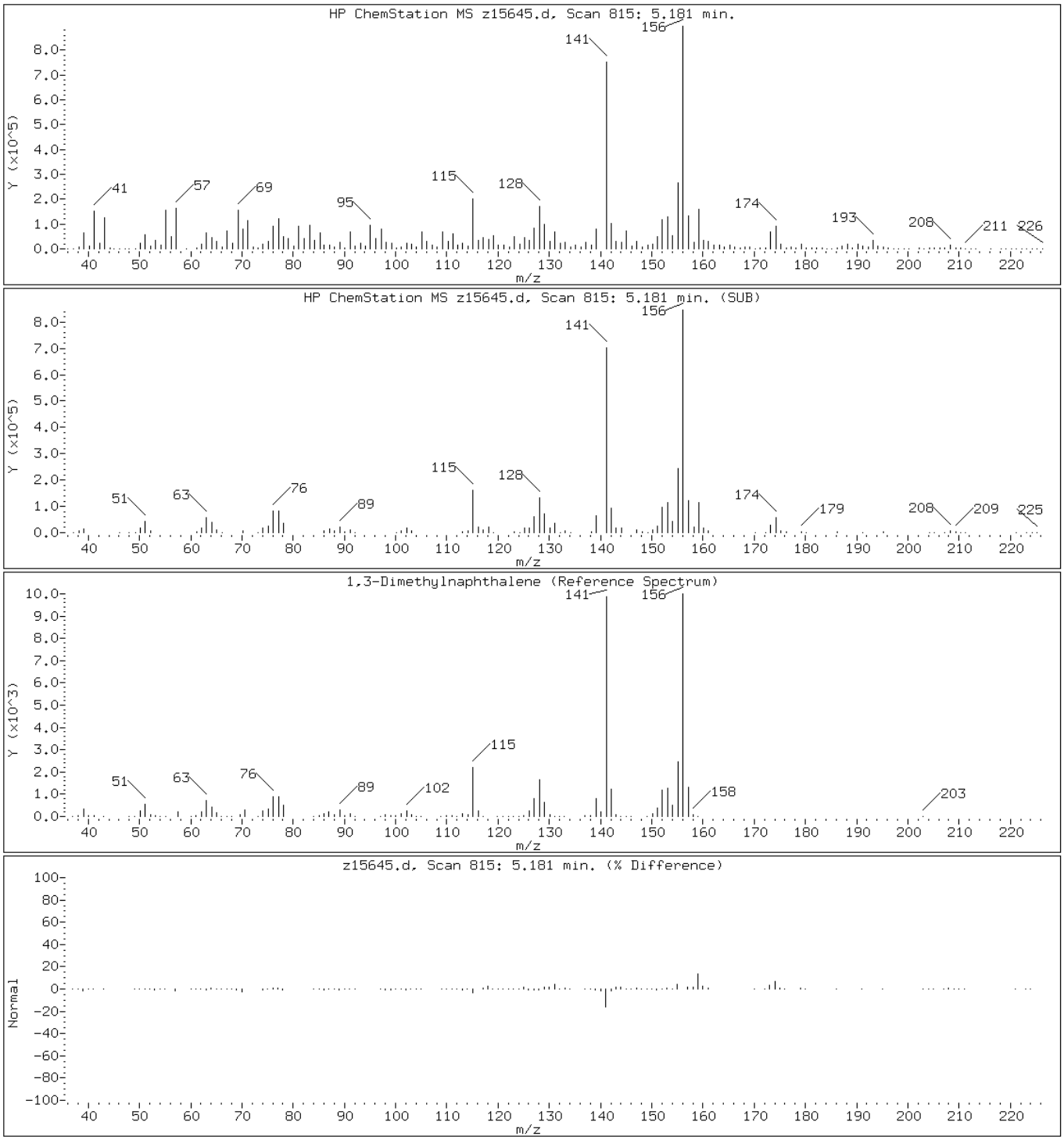
Data File: z15645.d

Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: z15645.d

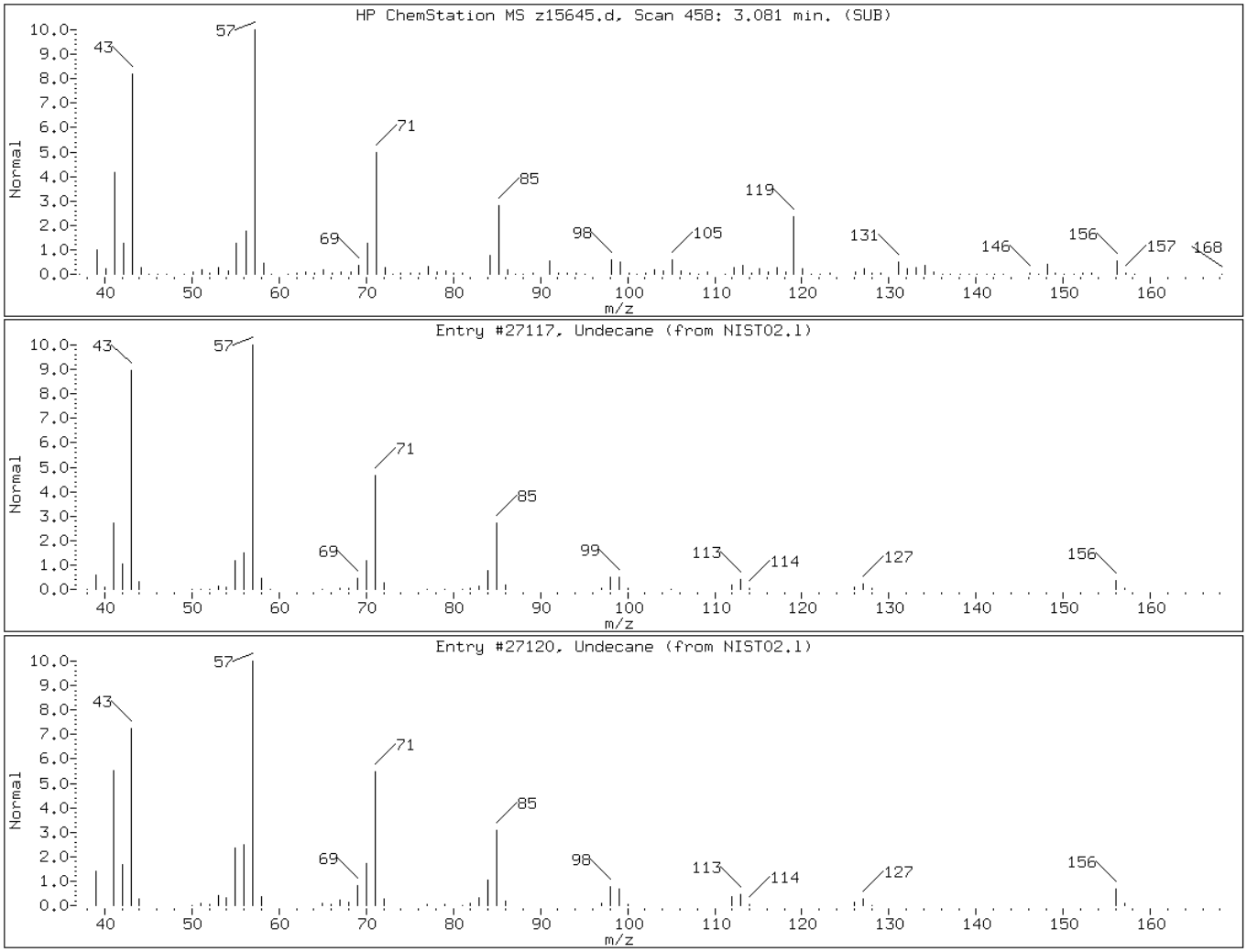
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 3.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H24 Alkane						
Undecane	1120-21-4	NIST02.l	27117	96	C11H24	156
Undecane	1120-21-4	NIST02.l	27120	95	C11H24	156



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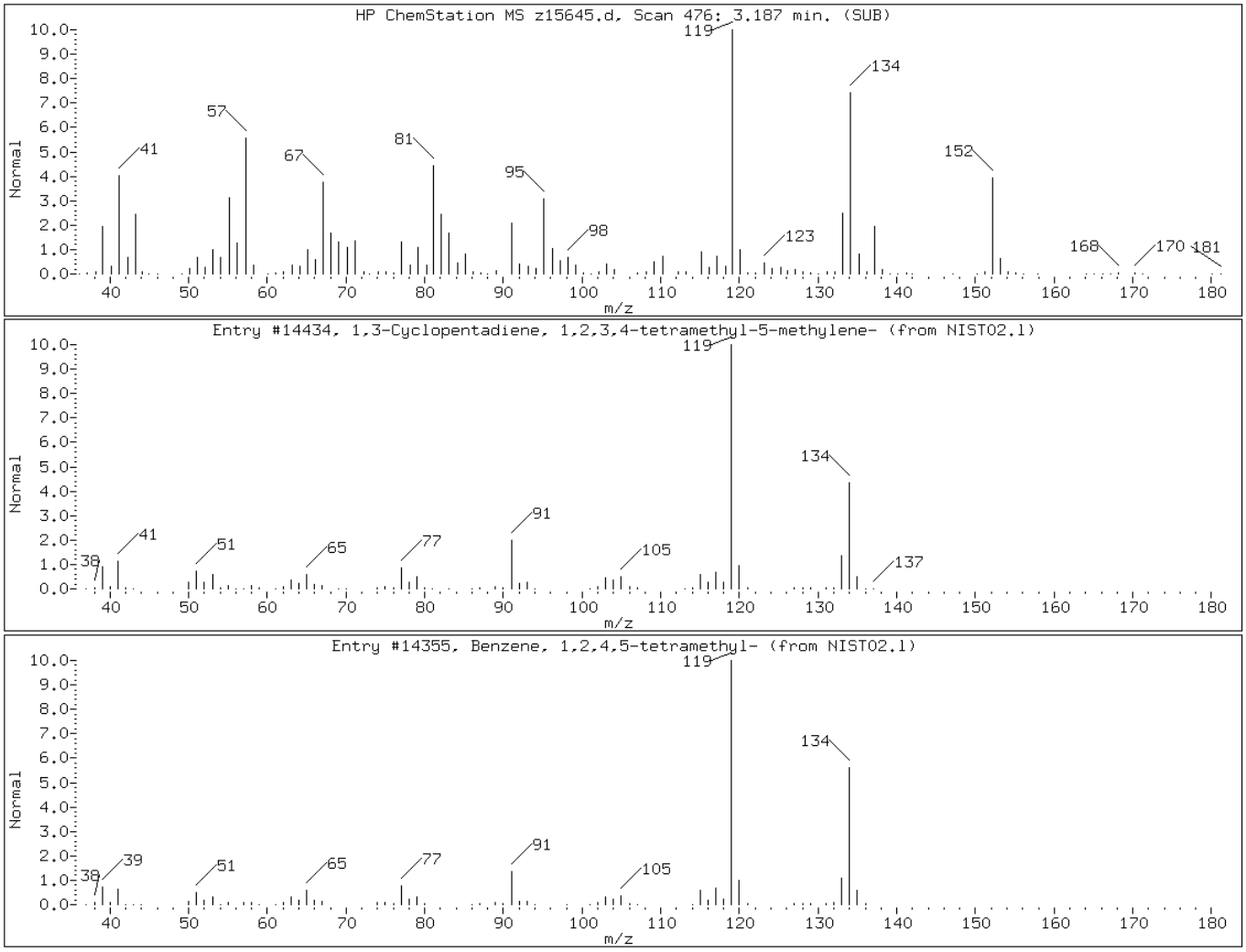
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 3.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
1,3-Cyclopentadiene, 1,2,3,4-tetra	76089-59-3	NIST02.l	14434	91	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	70	C10H14	134



Data File: z15645.d

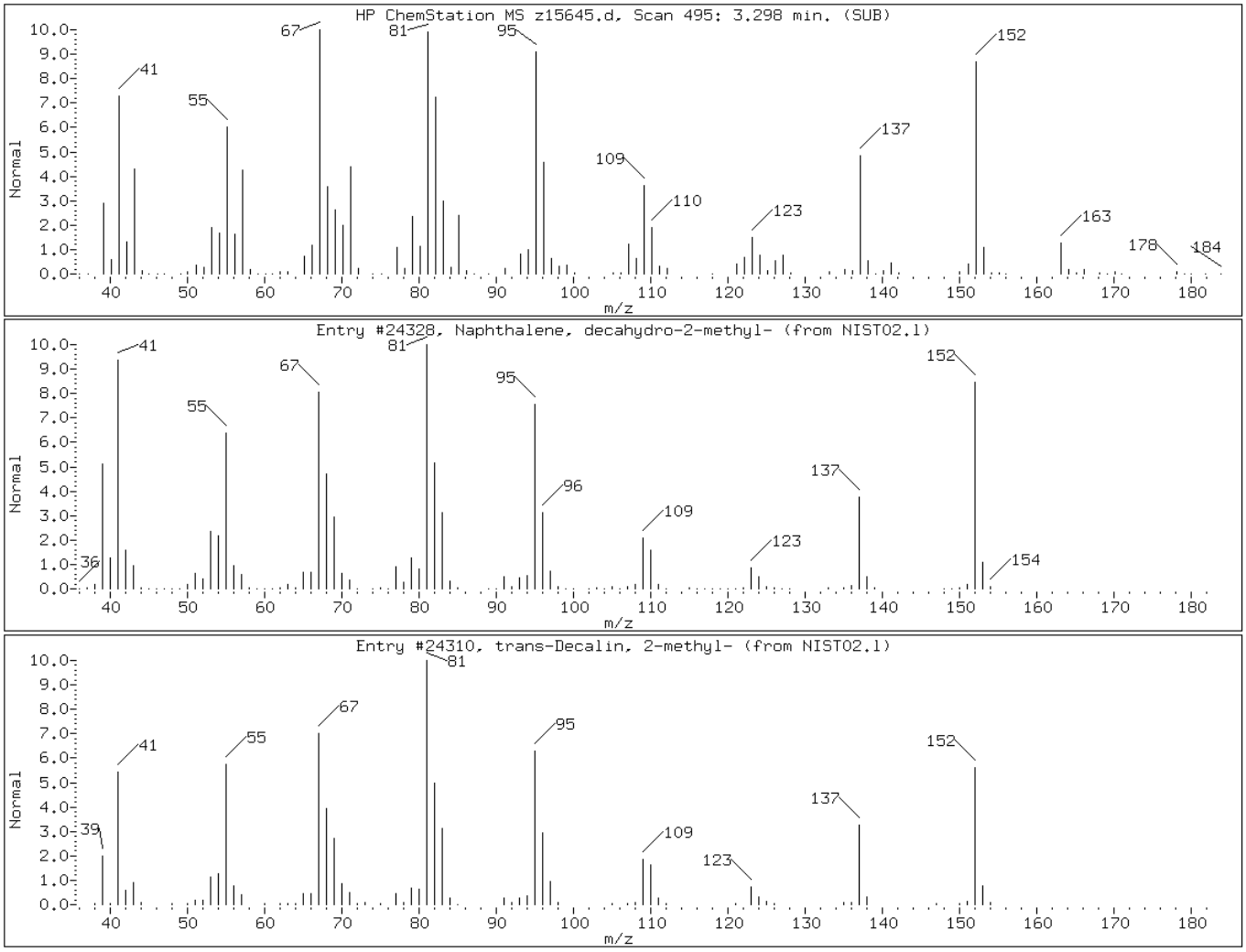
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 3.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	93	C11H20	152
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	86	C11H20	152



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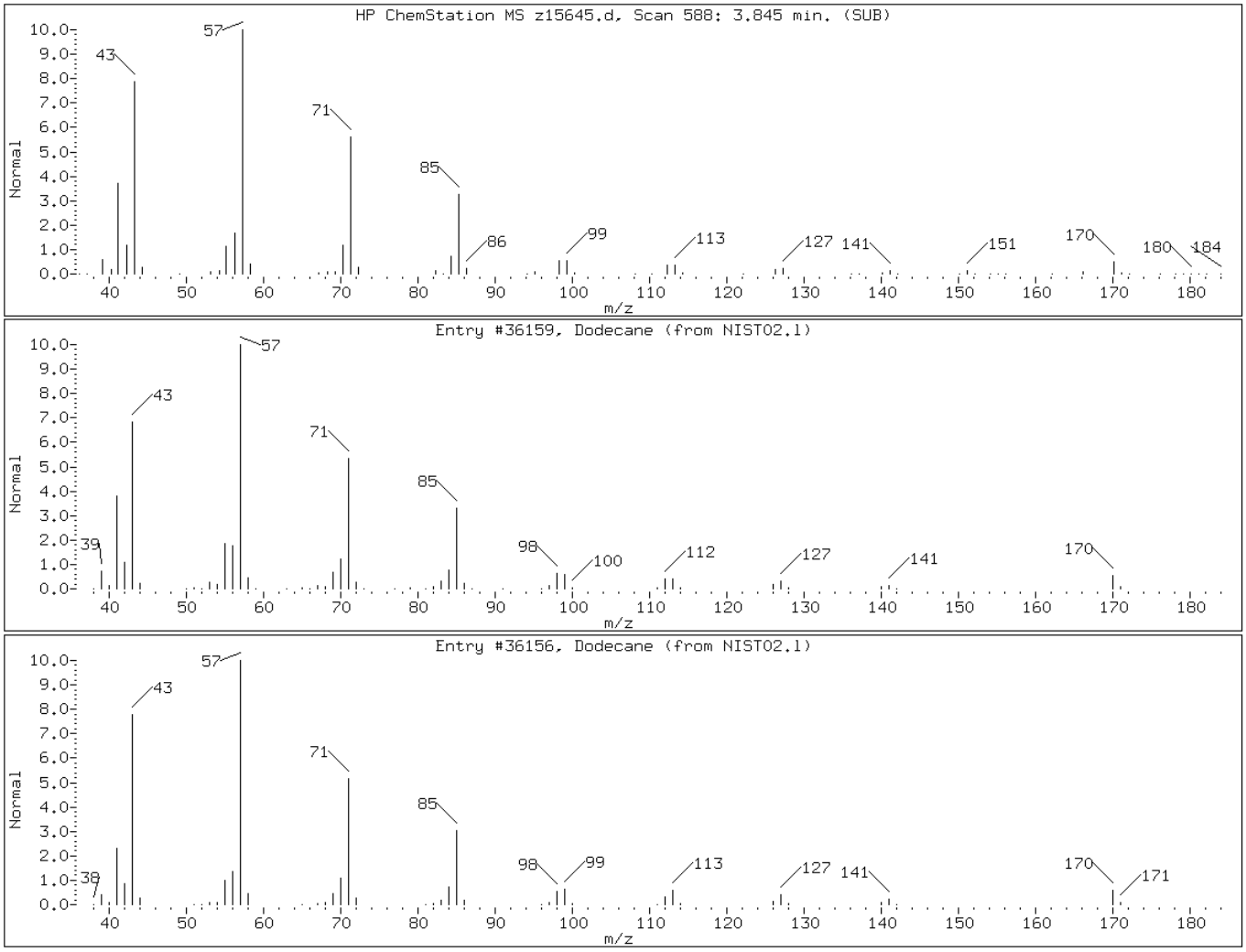
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 3.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C12H26 Alkane						
Dodecane	112-40-3	NIST02.l	36159	96	C12H26	170
Dodecane	112-40-3	NIST02.l	36156	94	C12H26	170



Data File: z15645.d

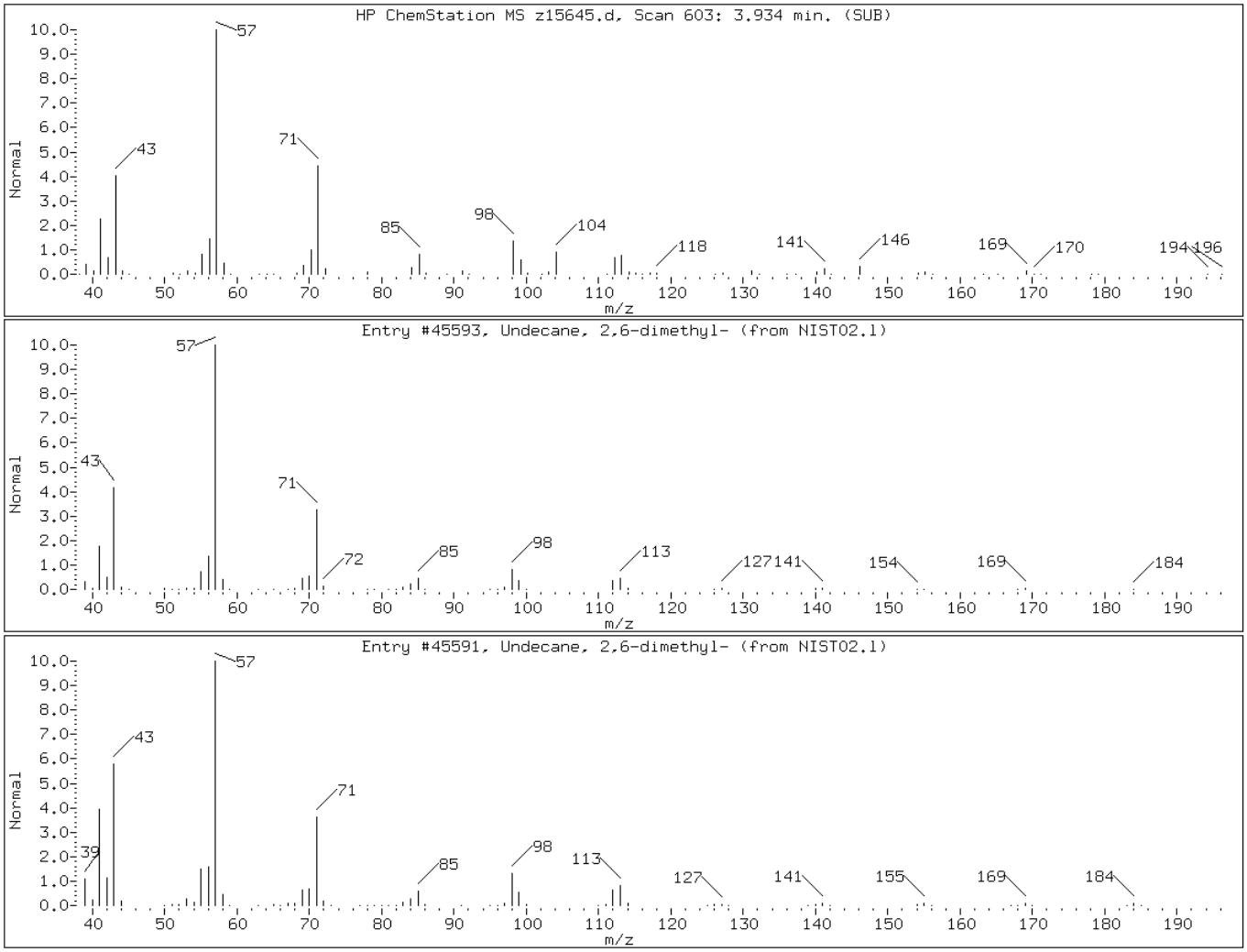
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 3.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	86	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	78	C13H28	184



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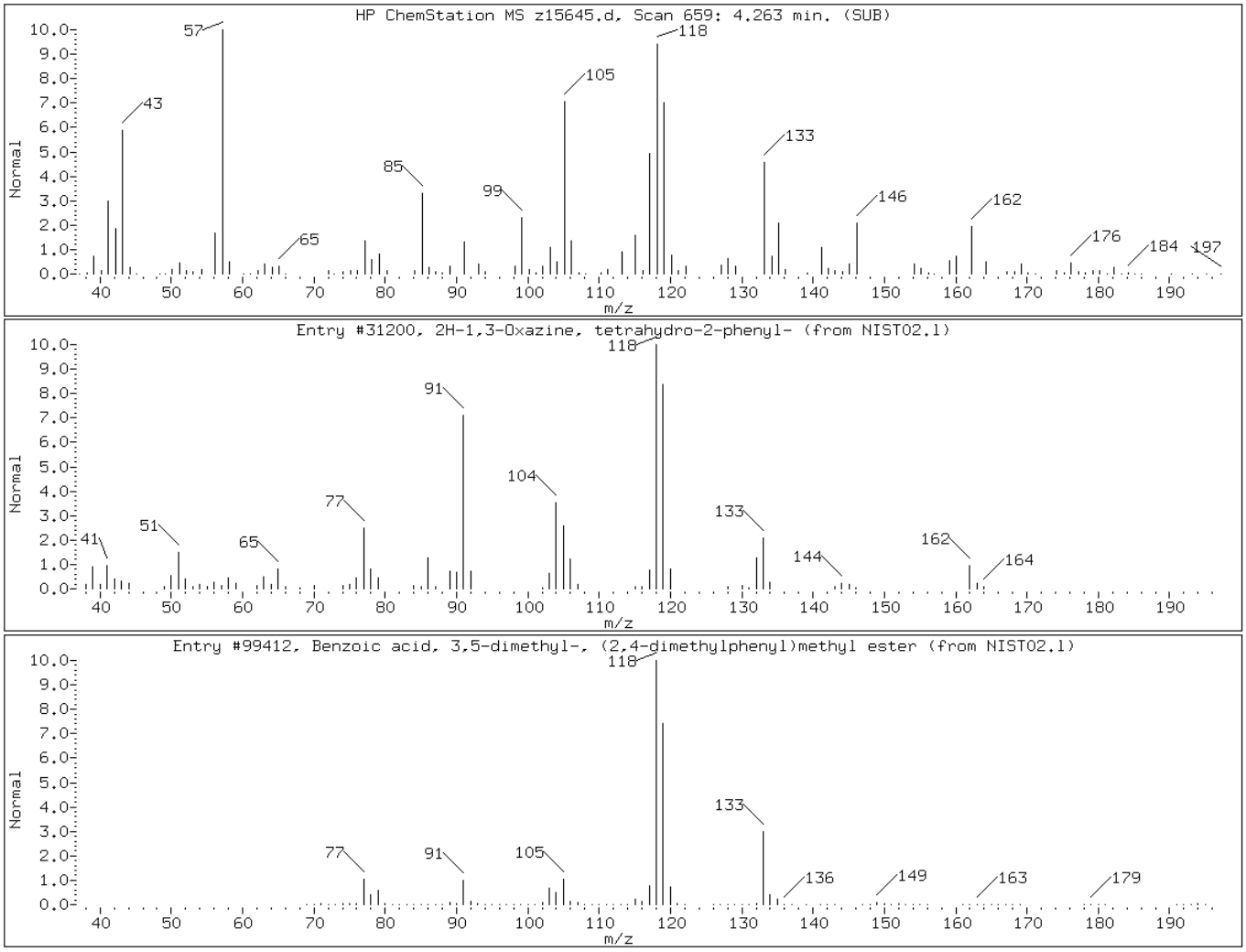
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 4.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
2H-1,3-Oxazine, tetrahydro-2-pheny	17762-72-0	NIST02.l	31200	38	C10H13NO	163
Benzoic acid, 3,5-dimethyl-, (2,4-	55000-46-9	NIST02.l	99412	35	C18H20O2	268



Data File: z15645.d

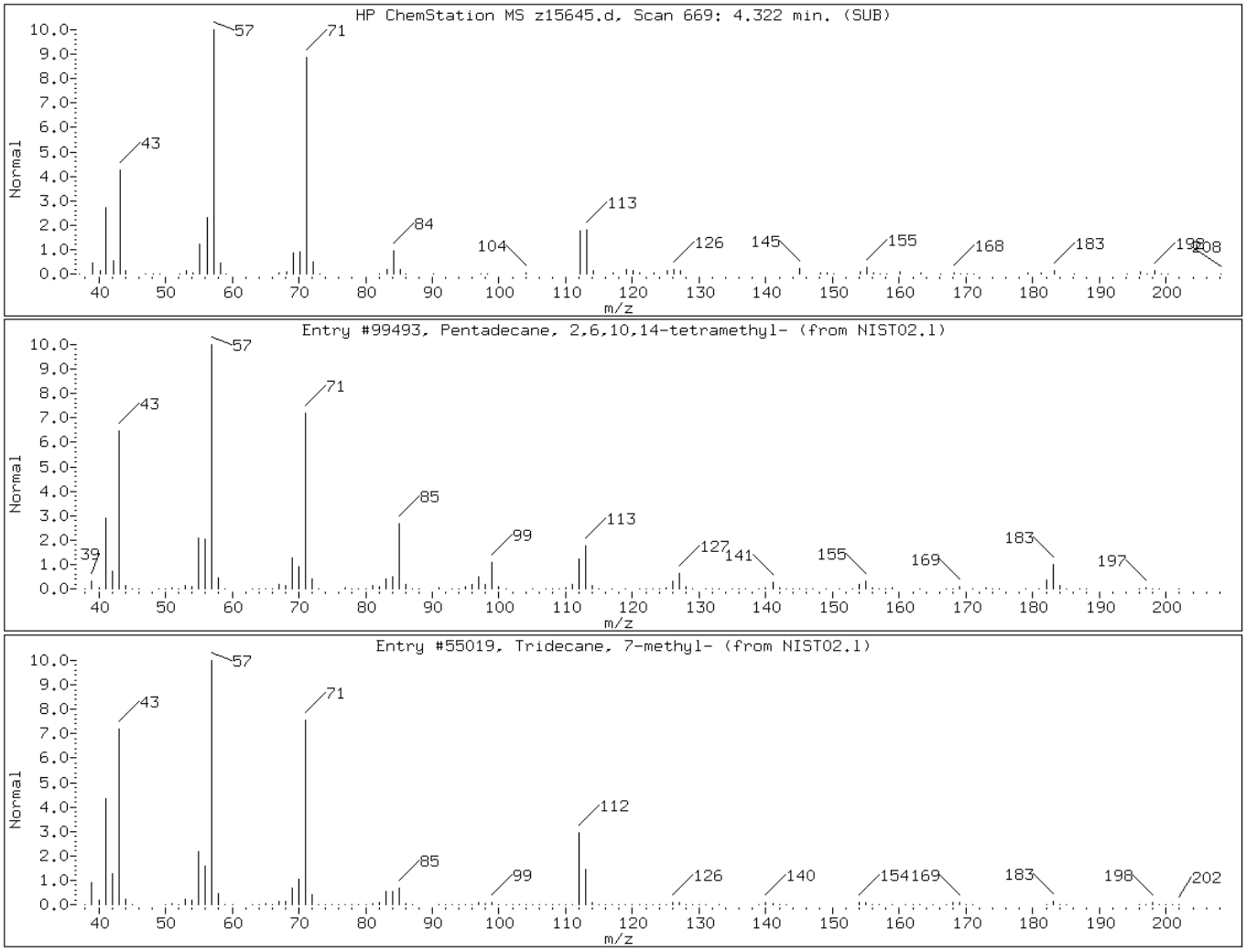
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 4.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	83	C19H40	268
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	83	C14H30	198



Data File: z15645.d

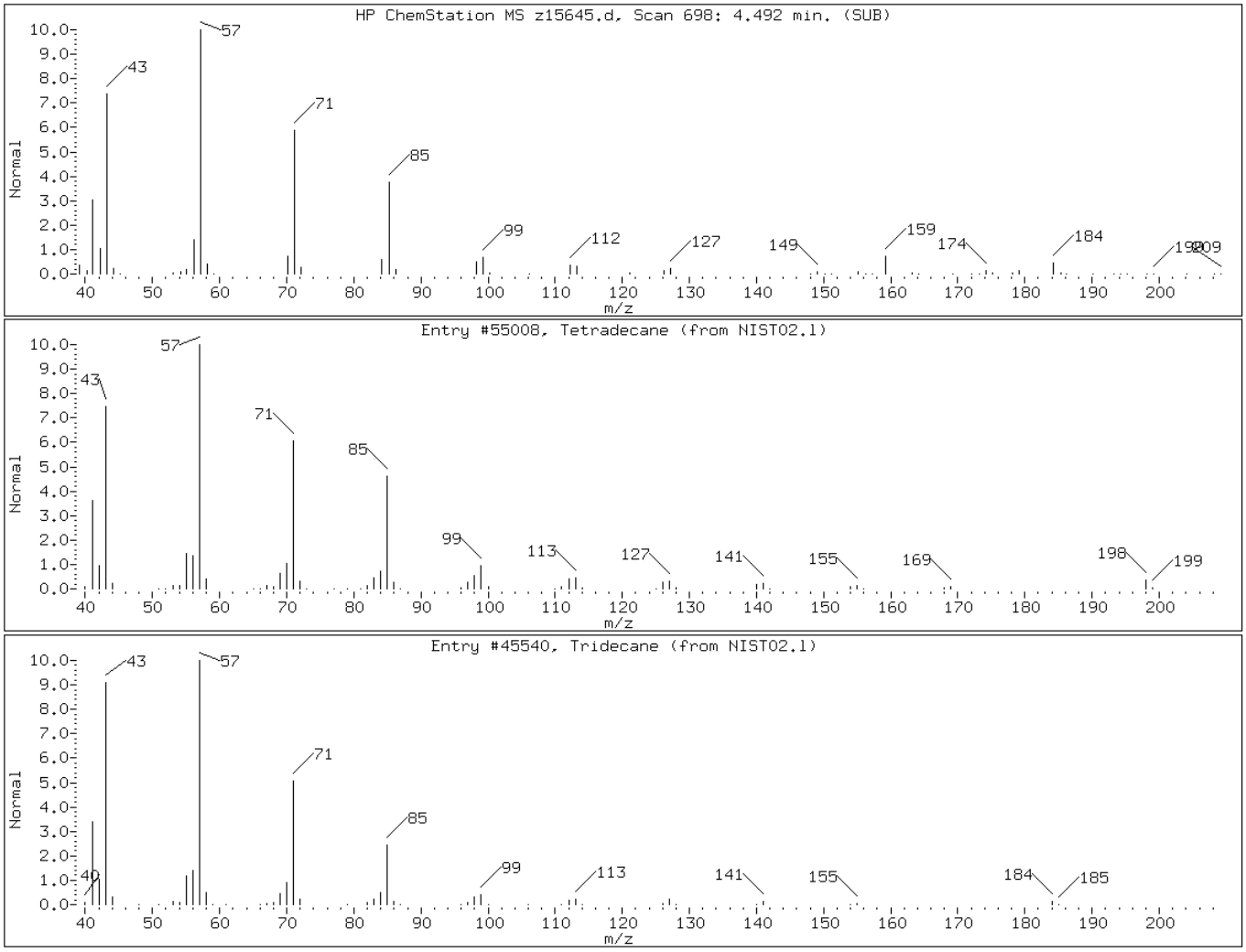
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 4.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C13H28 Alkane						
Tetradecane	629-59-4	NIST02.l	55008	94	C14H30	198
Tridecane	629-50-5	NIST02.l	45540	91	C13H28	184



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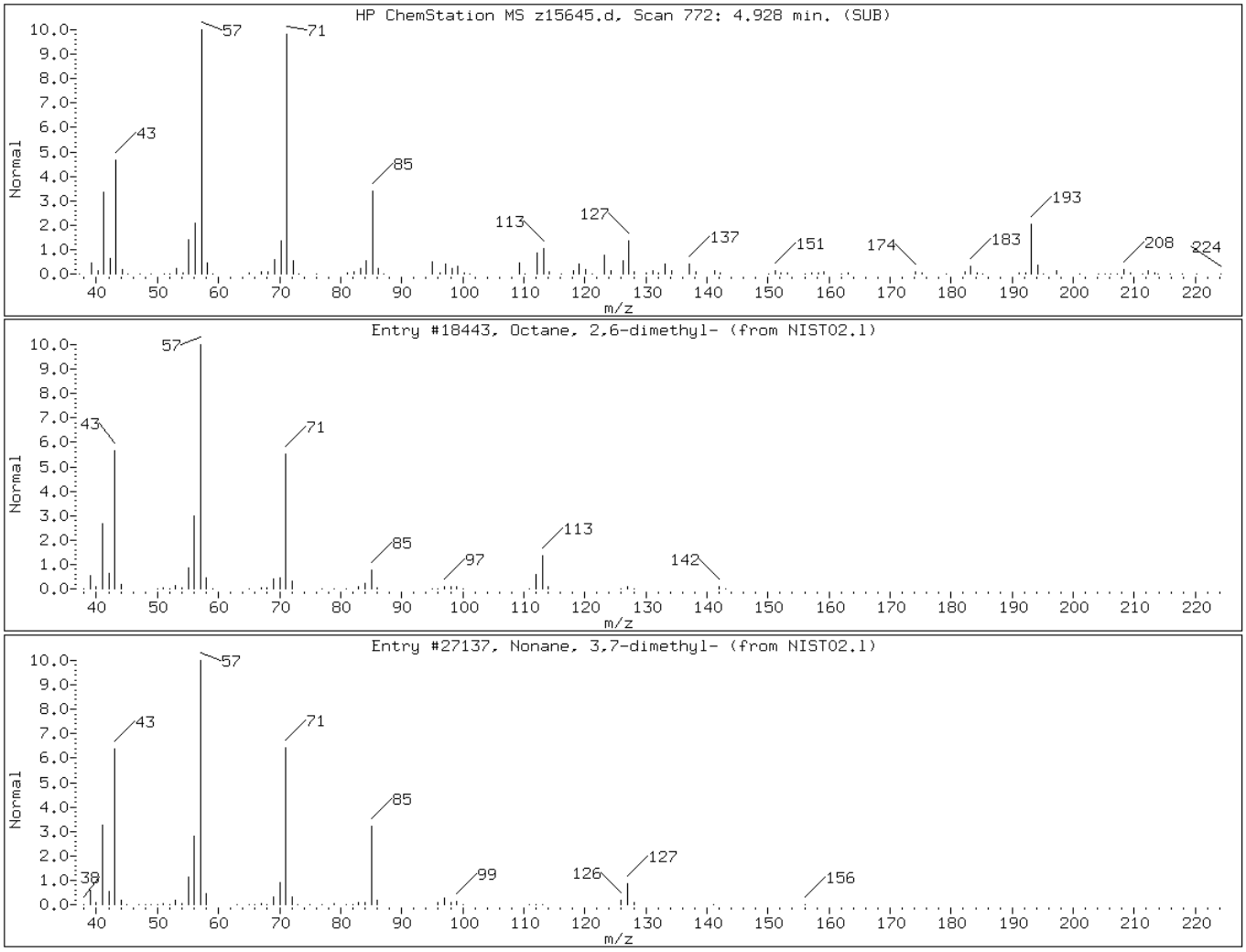
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 4.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	58	C10H22	142
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	55	C11H24	156



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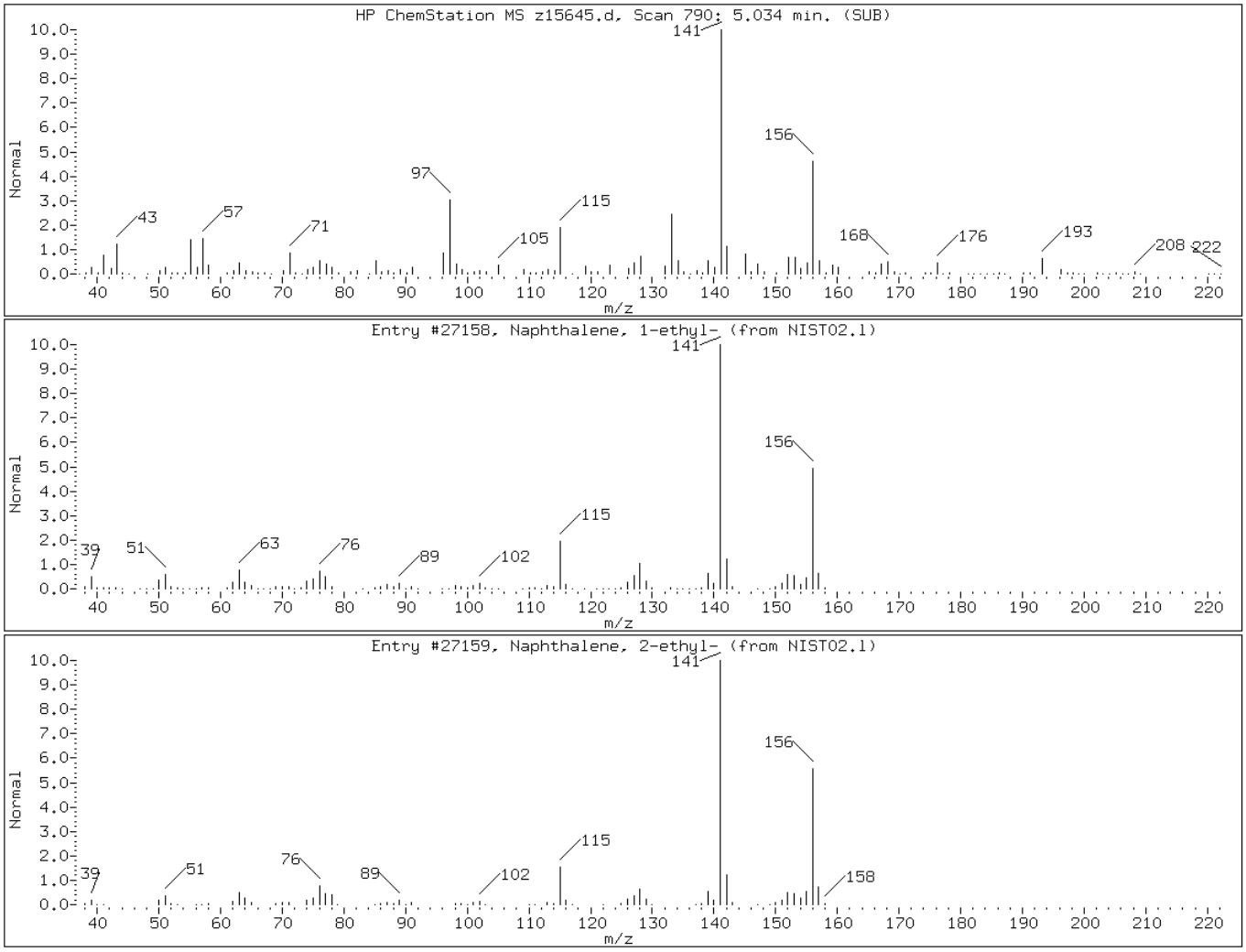
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 5.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylnaphthalene isomer-1						
Naphthalene, 1-ethyl-	1127-76-0	NIST02.l	27158	96	C12H12	156
Naphthalene, 2-ethyl-	939-27-5	NIST02.l	27159	92	C12H12	156



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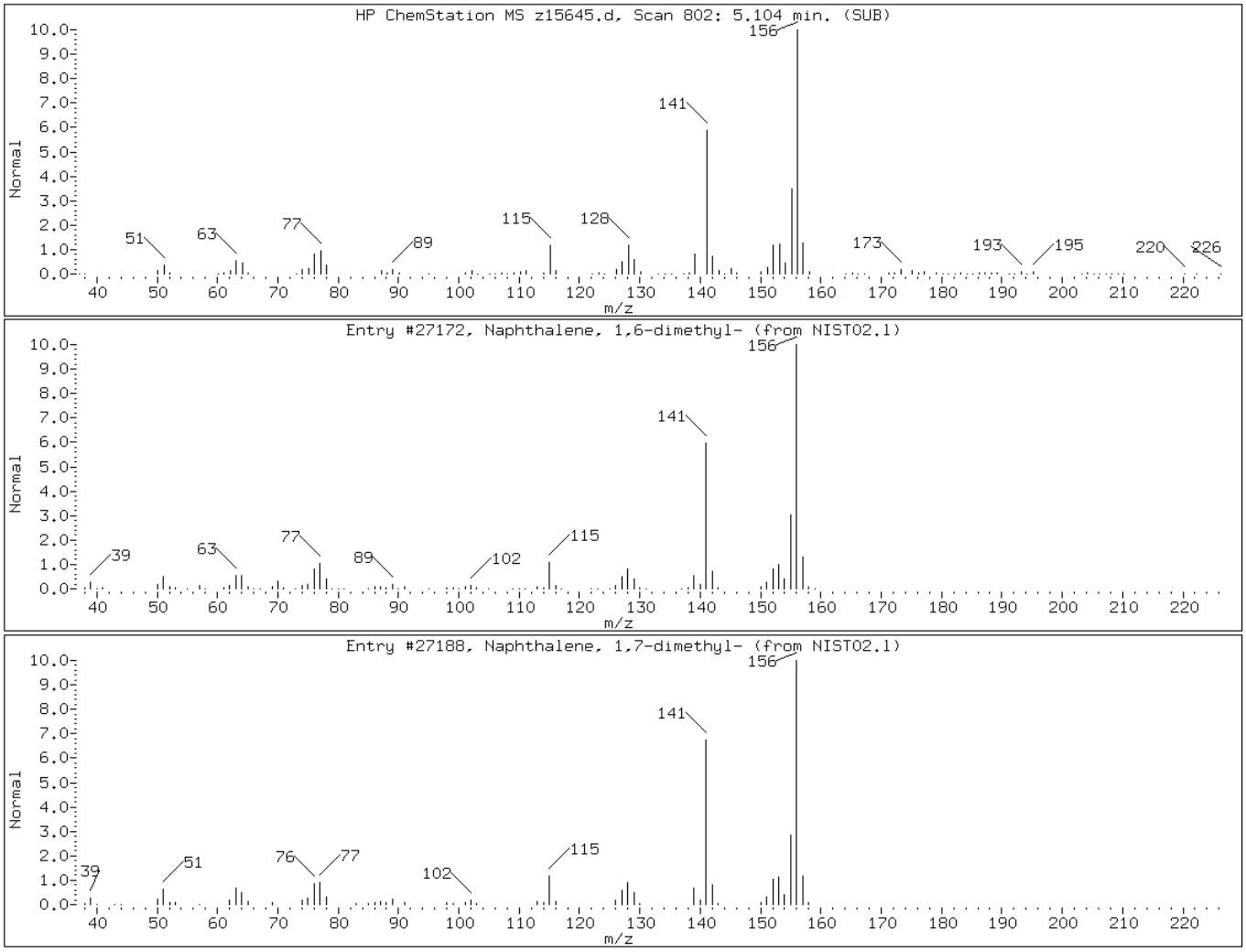
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 5.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-1						
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.l	27172	97	C12H12	156
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.l	27188	97	C12H12	156



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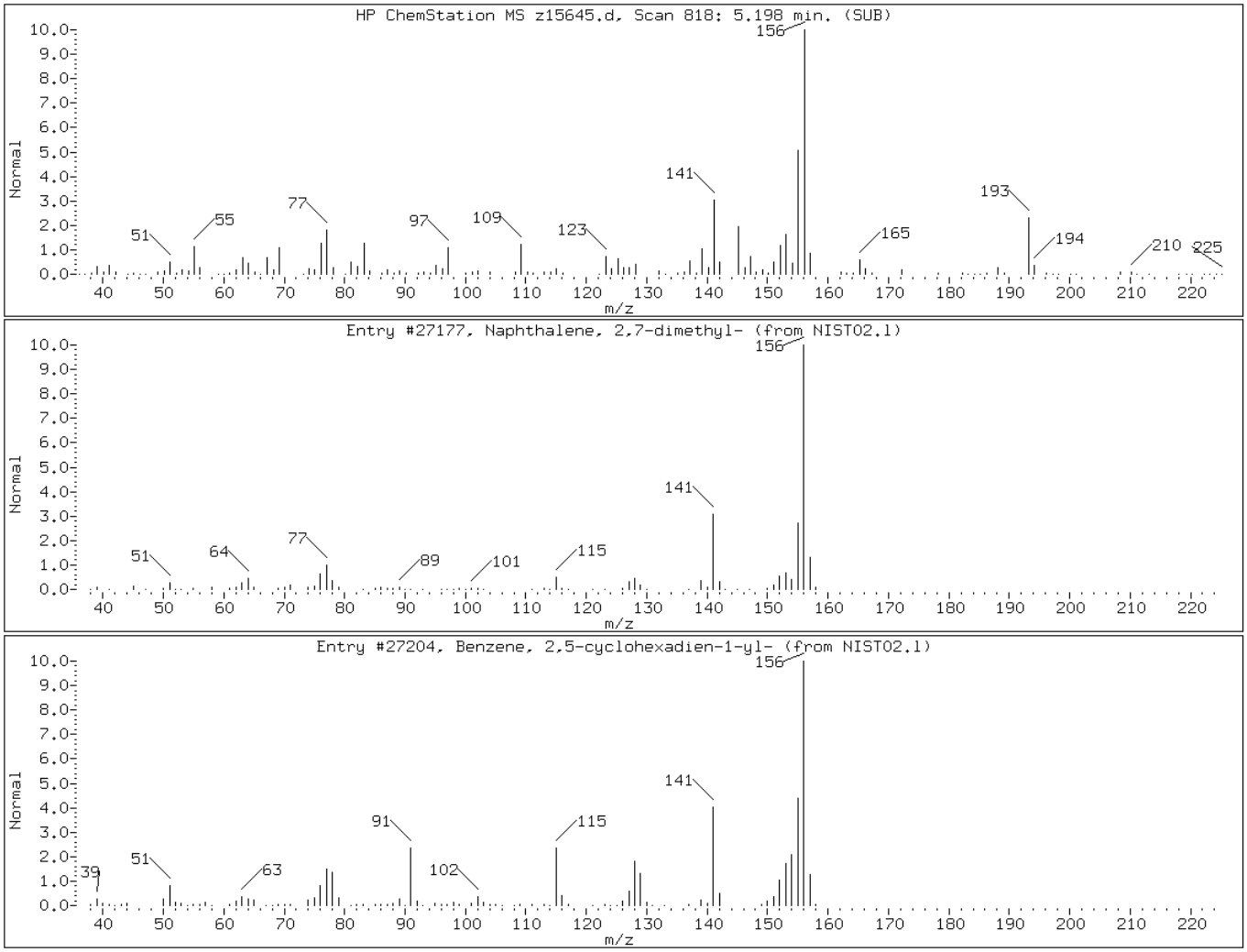
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 5.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-2						
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27177	49	C12H12	156
Benzene, 2,5-cyclohexadien-1-yl-	4794-05-2	NIST02.l	27204	47	C12H12	156



Data File: z15645.d

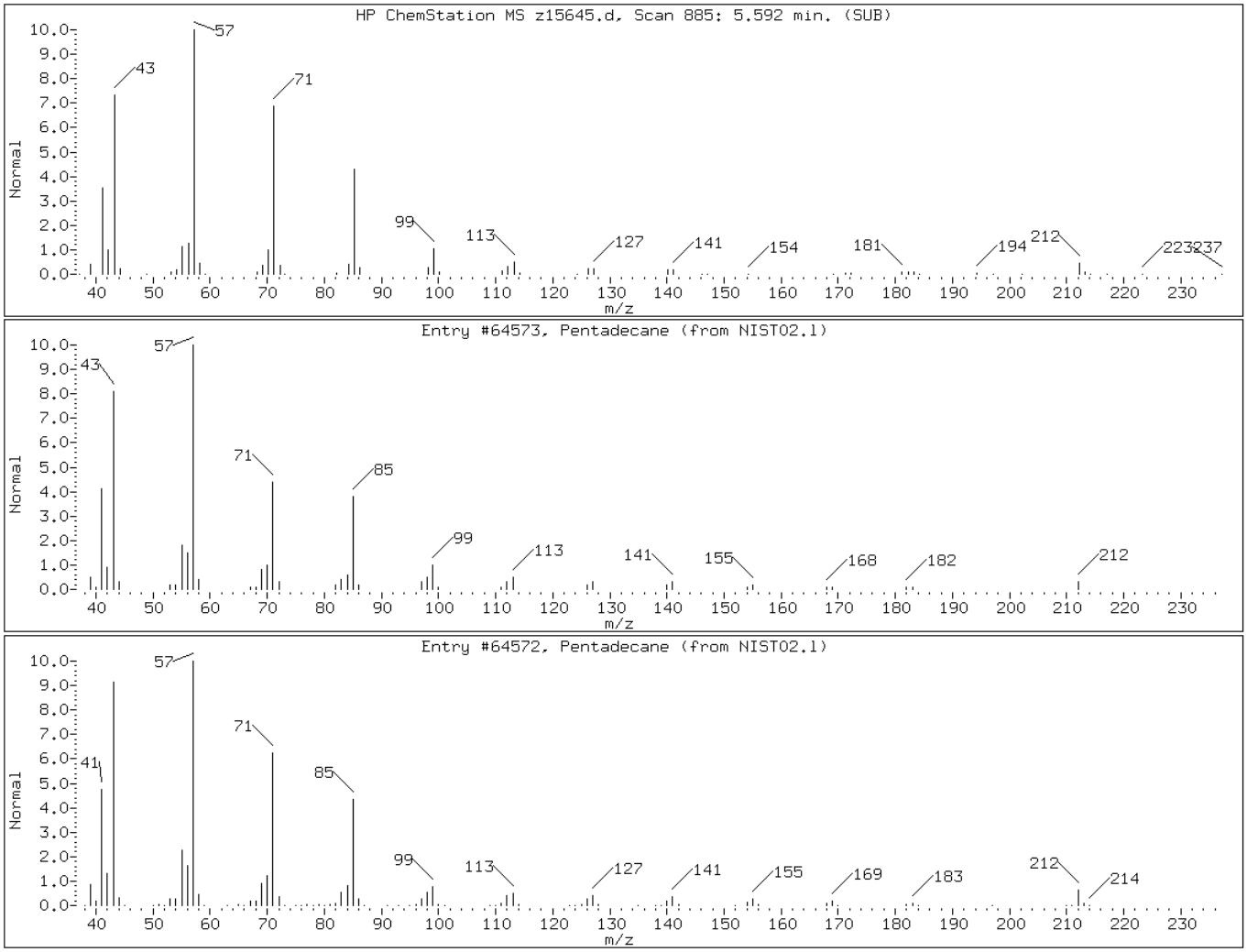
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 5.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H32 Alkane						
Pentadecane	629-62-9	NIST02.l	64573	90	C15H32	212
Pentadecane	629-62-9	NIST02.l	64572	90	C15H32	212



Data File: z15645.d

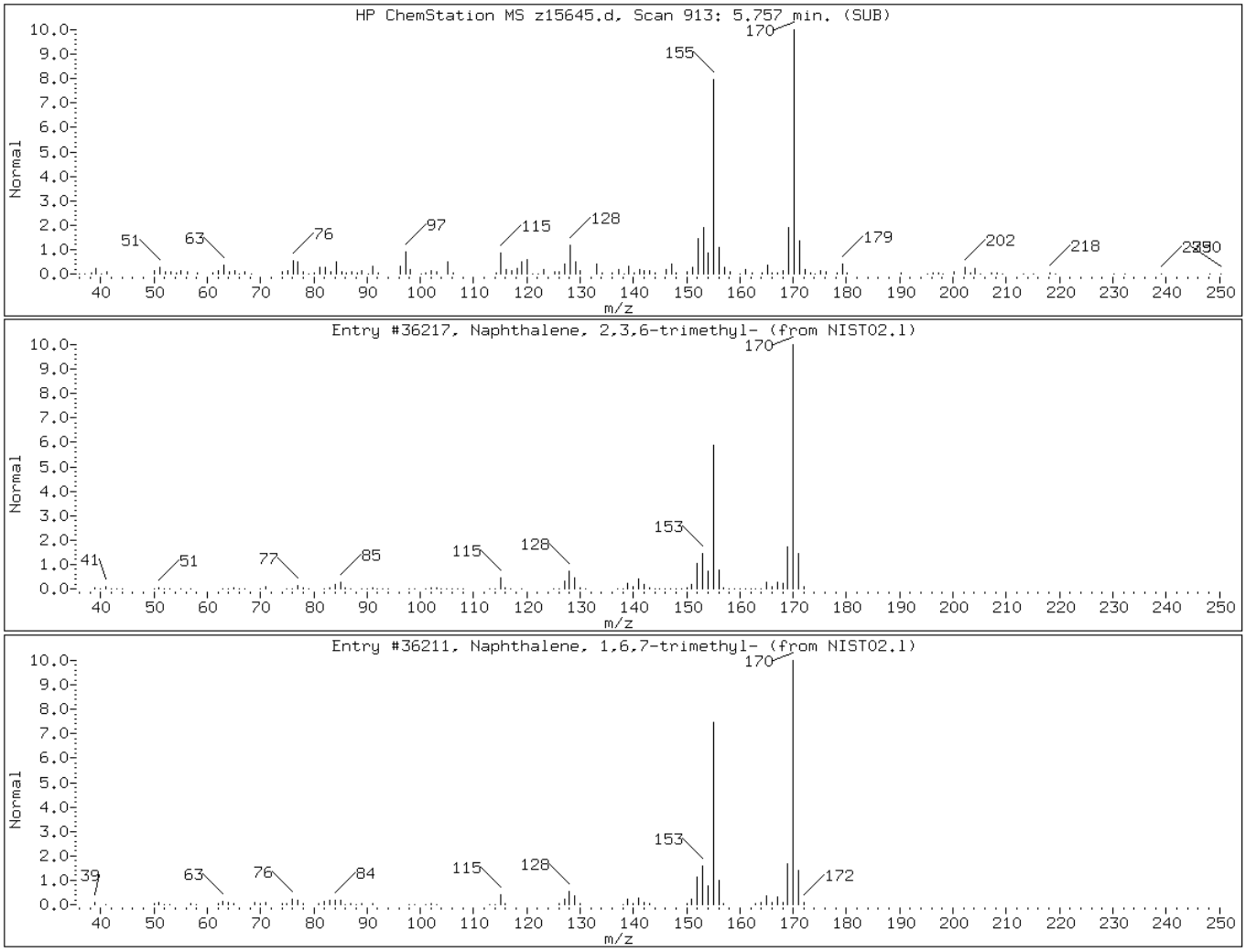
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 5.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36217	97	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36211	95	C13H14	170



Data File: z15645.d

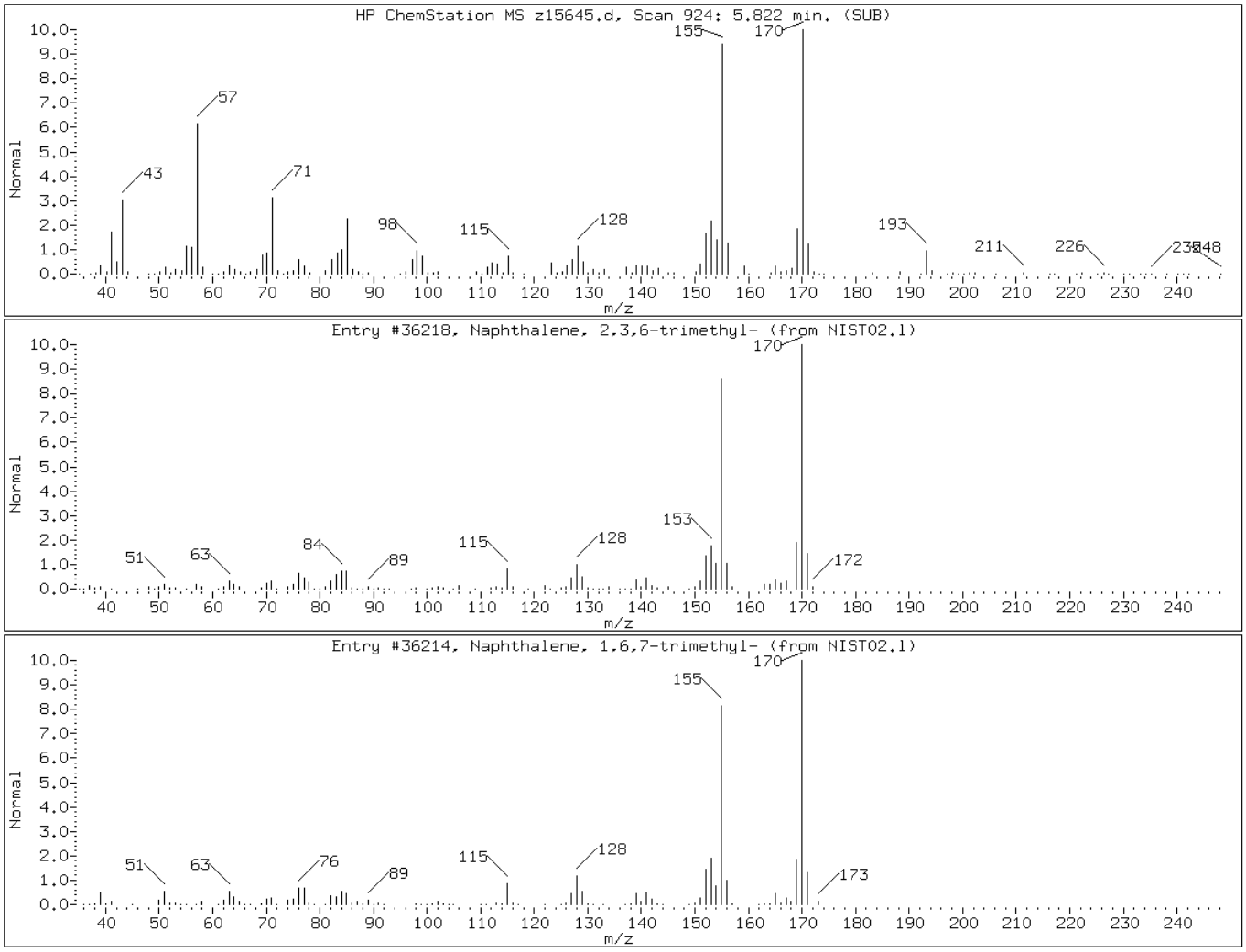
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 5.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	93	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	93	C13H14	170



Data File: z15645.d

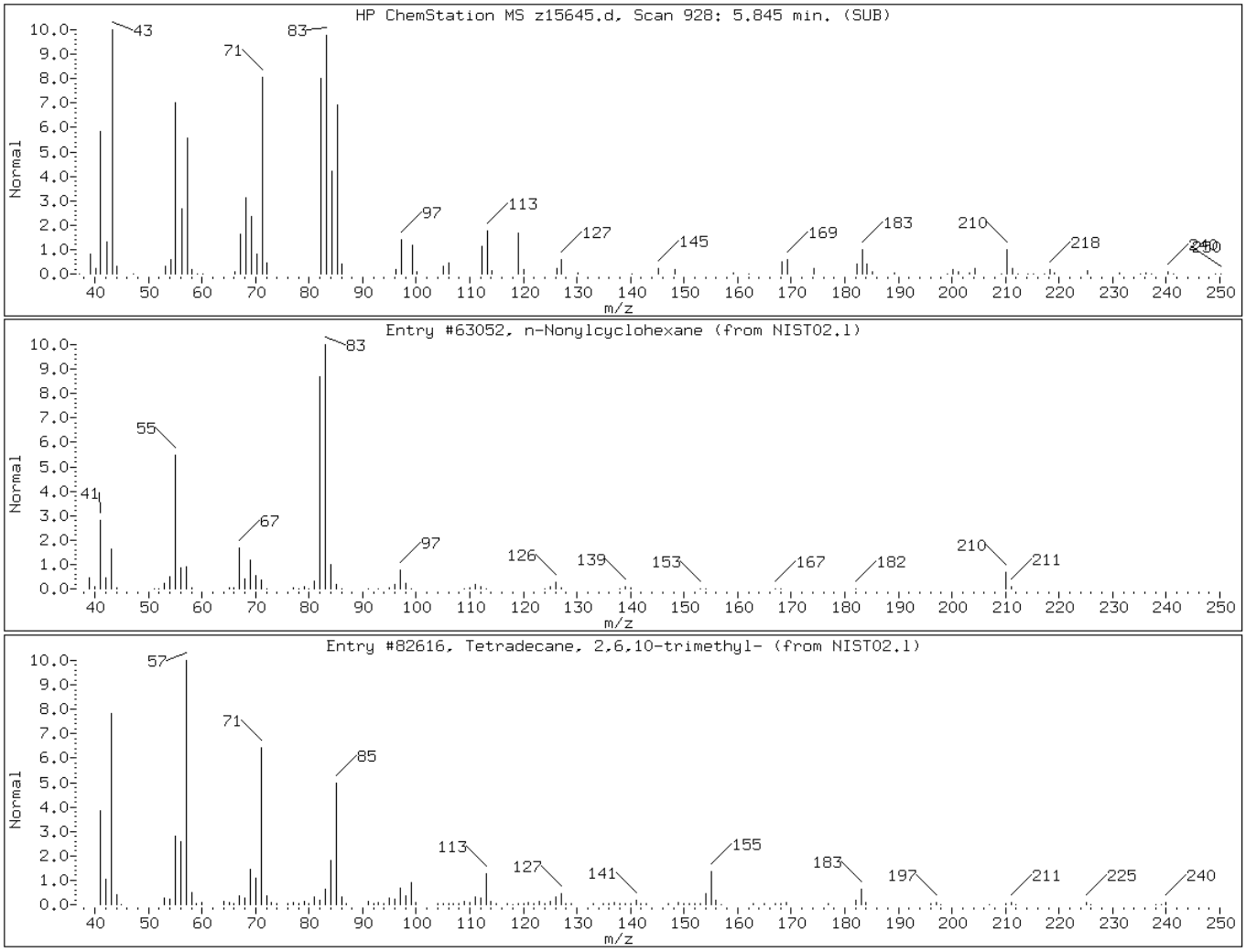
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 5.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
n-Nonylcyclohexane	2883-02-5	NIST02.l	63052	45	C15H30	210
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST02.l	82616	42	C17H36	240



Data File: z15645.d

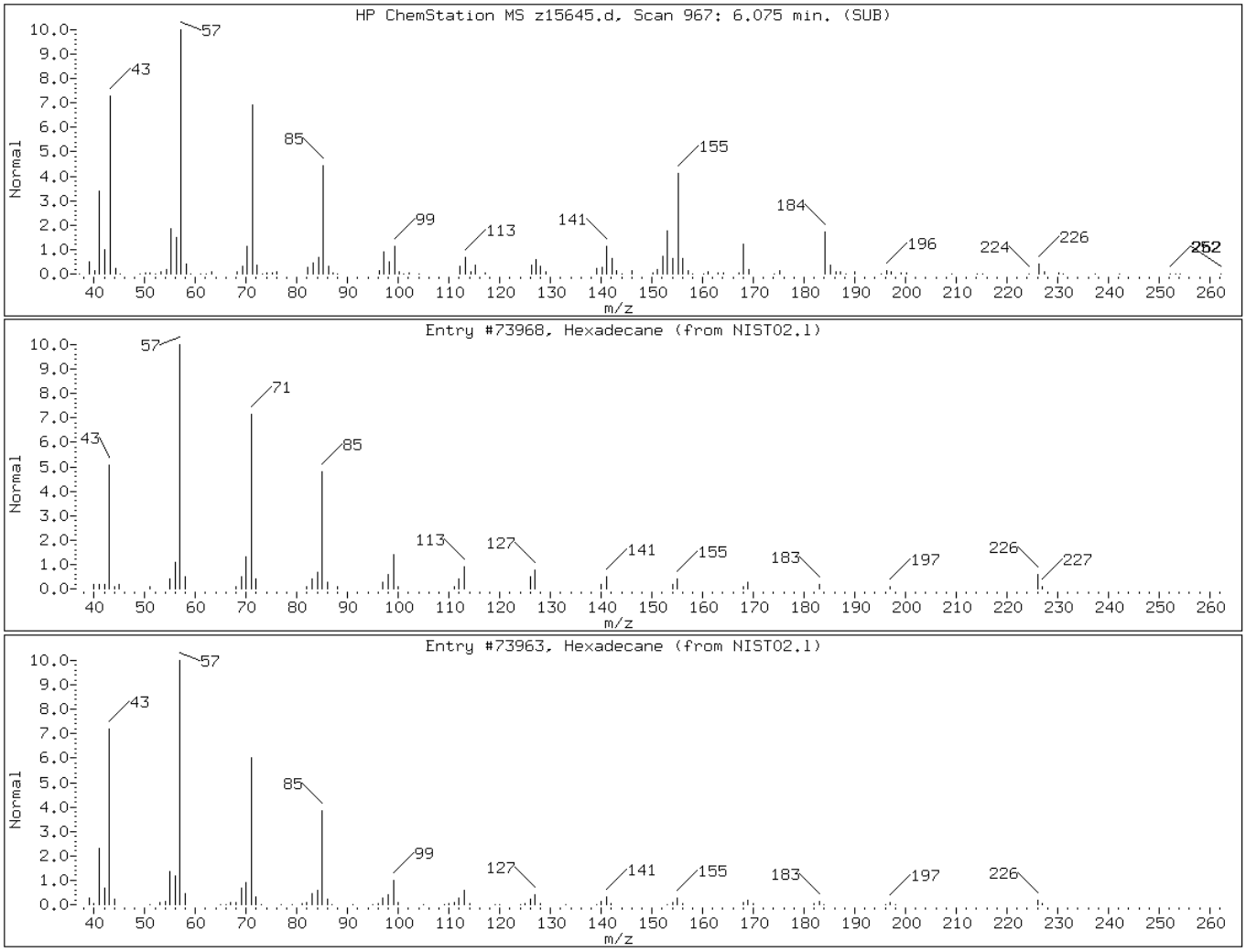
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 6.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C16H34 Alkane						
Hexadecane	544-76-3	NIST02.l	73968	90	C16H34	226
Hexadecane	544-76-3	NIST02.l	73963	90	C16H34	226



Data File: z15645.d

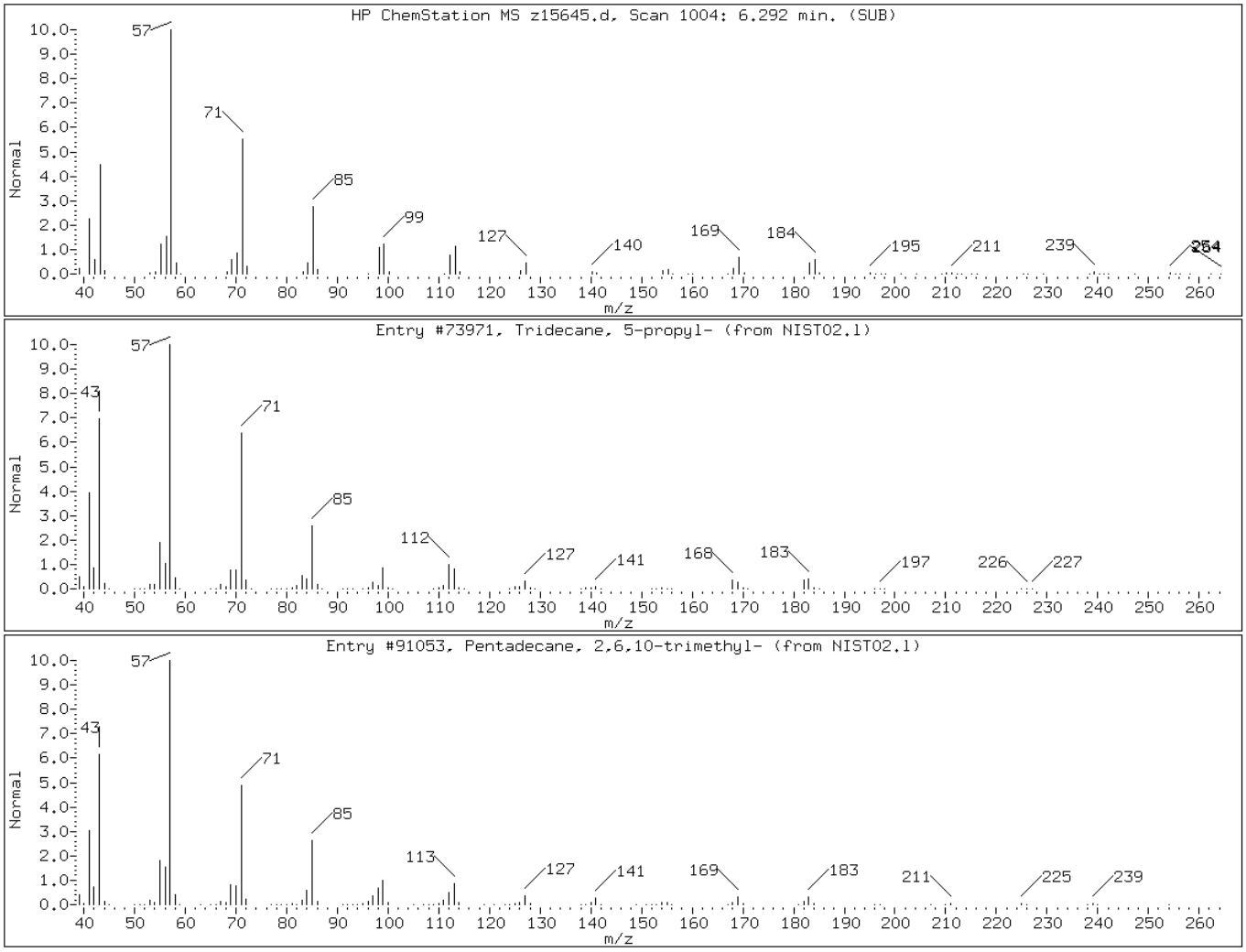
Date: 01-APR-2011 17:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAMS11.i

Sample Info: 460-24277-F-6-C Operator: BNAMS 4

Retention Time: 6.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	87	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	83	C18H38	254



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-7

Matrix: Solid | Lab File ID: u66384.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:30

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.04(g) | Date Analyzed: 03/30/2011 12:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	49
106-44-5	4-Methylphenol	340	U	340	56
100-52-7	Benzaldehyde	340	U	340	21
98-86-2	Acetophenone	340	U	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.5
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U *	340	39
88-75-5	2-Nitrophenol	340	U	340	56
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	340	U	340	50
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	70	U	70	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	58
91-57-6	2-Methylnaphthalene	340	U	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	61
95-95-4	2,4,5-Trichlorophenol	340	U	340	66
92-52-4	Diphenyl	340	U	340	57
91-58-7	2-Chloronaphthalene	340	U	340	48
88-74-4	2-Nitroaniline	700	U	700	94
606-20-2	2,6-Dinitrotoluene	70	U	70	8.7
131-11-3	Dimethyl phthalate	340	U	340	46
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	700	U	700	78
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-7

Matrix: Solid | Lab File ID: u66384.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:30

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.04(g) | Date Analyzed: 03/30/2011 12:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	88
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	52
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	53
121-14-2	2,4-Dinitrotoluene	70	U	70	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	700	U	700	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	340	U	340	61
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	61
86-74-8	Carbazole	340	U	340	55
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	59
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U *	34	4.2
56-55-3	Benzo[a]anthracene	34	U	34	6.4
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	46
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.1
91-94-1	3,3'-Dichlorobenzidine	700	U	700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) Lab Sample ID: 460-24277-7

Matrix: Solid Lab File ID: u66384.d

Analysis Method: 8270C Date Collected: 03/17/2011 14:30

Extract. Method: 3541 Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.04(g) Date Analyzed: 03/30/2011 12:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	72		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	111		16-151
118-79-6	2,4,6-Tribromophenol	38		10-120
367-12-4	2-Fluorophenol	69		37-125
321-60-8	2-Fluorobiphenyl	82		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) Lab Sample ID: 460-24277-7

Matrix: Solid Lab File ID: u66384.d

Analysis Method: 8270C Date Collected: 03/17/2011 14:30

Extract. Method: 3541 Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.04(g) Date Analyzed: 03/30/2011 12:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66384.d
Report Date: 30-Mar-2011 15:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66384.d
Lab Smp Id: 460-24277-F-7-C Client Smp ID: PMP-10-VD-E (3.5-4.
Inj Date : 30-MAR-2011 12:49
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-7-C
Misc Info : 460-24277-F-7-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	3.96040	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.926	1.911	(0.625)	362166	68.6662	4800
$ 17 Phenol-d5 (SUR)	99	2.802	2.814	(0.910)	519823	76.7968	5300
* 79 1,4-Dichlorobenzene-d4	152	3.081	3.080	(1.000)	204934	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.676	3.696	(0.835)	389033	35.7689	2500
* 80 Naphthalene-d8	136	4.403	4.412	(1.000)	680962	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.523	5.529	(0.897)	629587	40.9205	2800
125 1,3-Dimethylnaphthalene	156	5.839	5.847	(0.949)	1639	0.15383	11(a)
* 82 Acenaphthene-d10	164	6.154	6.160	(1.000)	496335	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.929	6.941	(1.126)	101506	38.2938	2600
* 83 Phenanthrene-d10	188	7.591	7.592	(1.000)	714633	40.0000	
$ 78 Terphenyl-d14	244	9.159	9.156	(0.904)	732382	55.5014	3800
* 81 Chrysene-d12	240	10.137	10.146	(1.000)	536002	40.0000	
* 84 Perylene-d12	264	11.658	11.655	(1.000)	319349	40.0000	

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66384.d
Report Date: 30-Mar-2011 15:09

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66384.d
Report Date: 30-Mar-2011 15:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66384.d
Lab Smp Id: 460-24277-F-7-C Client Smp ID: PMP-10-VD-E (3.5-4.
Inj Date : 30-MAR-2011 12:49
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-7-C
Misc Info : 460-24277-F-7-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

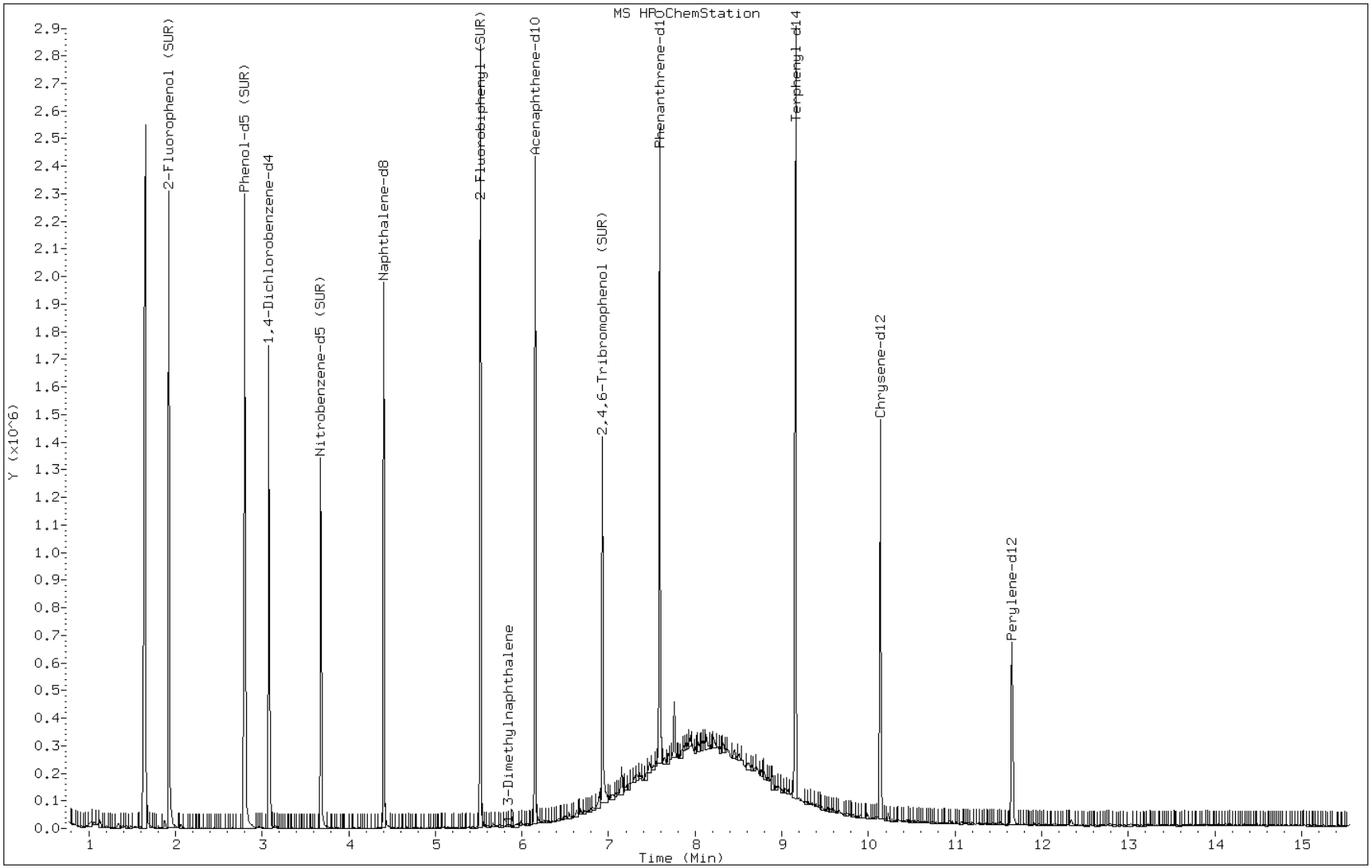
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: u66384.d

Date: 30-MAR-2011 12:49

Client ID: PMP-10-VD-E (3.5-4. Instrument: BNAMS4.i

Sample Info: 460-24277-F-7-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-WT-E (7.5-8.0) | Lab Sample ID: 460-24277-8

Matrix: Solid | Lab File ID: u66387.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:35

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.00(g) | Date Analyzed: 03/30/2011 13:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	730	U	730	89
95-57-8	2-Chlorophenol	730	U	730	98
95-48-7	2-Methylphenol	730	U	730	110
106-44-5	4-Methylphenol	730	U	730	120
100-52-7	Benzaldehyde	730	U	730	46
98-86-2	Acetophenone	730	U	730	110
111-44-4	Bis(2-chloroethyl)ether	73	U	73	15
108-60-1	2,2'-oxybis[1-chloropropane]	730	U	730	96
621-64-7	N-Nitrosodi-n-propylamine	73	U	73	9.6
98-95-3	Nitrobenzene	73	U	73	16
67-72-1	Hexachloroethane	73	U	73	12
78-59-1	Isophorone	730	U *	730	84
88-75-5	2-Nitrophenol	730	U	730	120
105-67-9	2,4-Dimethylphenol	730	U	730	120
120-83-2	2,4-Dichlorophenol	730	U	730	120
111-91-1	Bis(2-chloroethoxy)methane	730	U	730	100
91-20-3	Naphthalene	730	U	730	110
106-47-8	4-Chloroaniline	730	U	730	92
87-68-3	Hexachlorobutadiene	150	U	150	30
105-60-2	Caprolactam	730	U	730	100
59-50-7	4-Chloro-3-methylphenol	730	U	730	120
91-57-6	2-Methylnaphthalene	730	U	730	110
118-74-1	Hexachlorobenzene	73	U	73	10
77-47-4	Hexachlorocyclopentadiene	730	U	730	210
88-06-2	2,4,6-Trichlorophenol	730	U	730	130
95-95-4	2,4,5-Trichlorophenol	730	U	730	140
92-52-4	Diphenyl	730	U	730	120
91-58-7	2-Chloronaphthalene	730	U	730	100
88-74-4	2-Nitroaniline	1500	U	1500	200
606-20-2	2,6-Dinitrotoluene	150	U	150	19
131-11-3	Dimethyl phthalate	730	U	730	99
208-96-8	Acenaphthylene	730	U	730	100
99-09-2	3-Nitroaniline	1500	U	1500	170
83-32-9	Acenaphthene	730	U	730	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-WT-E (7.5-8.0) | Lab Sample ID: 460-24277-8

Matrix: Solid | Lab File ID: u66387.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:35

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.00(g) | Date Analyzed: 03/30/2011 13:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2200	U	2200	190
51-28-5	2,4-Dinitrophenol	2200	U	2200	150
132-64-9	Dibenzofuran	730	U	730	110
84-66-2	Diethyl phthalate	730	U	730	98
86-73-7	Fluorene	730	U	730	120
206-44-0	Fluoranthene	730	U	730	120
84-74-2	Di-n-butyl phthalate	730	U	730	110
121-14-2	2,4-Dinitrotoluene	150	U	150	21
7005-72-3	4-Chlorophenyl phenyl ether	730	U	730	130
100-01-6	4-Nitroaniline	1500	U	1500	150
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	350
101-55-3	4-Bromophenyl phenyl ether	730	U	730	130
1912-24-9	Atrazine	730	U	730	140
120-12-7	Anthracene	730	U	730	130
86-74-8	Carbazole	730	U	730	120
85-01-8	Phenanthrene	730	U	730	130
87-86-5	Pentachlorophenol	2200	U	2200	360
129-00-0	Pyrene	330	J	730	130
218-01-9	Chrysene	730	U	730	110
207-08-9	Benzo[k]fluoranthene	73	U	73	10
191-24-2	Benzo[g,h,i]perylene	730	U	730	77
205-99-2	Benzo[b]fluoranthene	73	U	73	11
50-32-8	Benzo[a]pyrene	73	U *	73	9.0
56-55-3	Benzo[a]anthracene	73	U	73	14
86-30-6	N-Nitrosodiphenylamine	730	U	730	120
85-68-7	Butyl benzyl phthalate	730	U	730	85
117-81-7	Bis(2-ethylhexyl) phthalate	730	U	730	97
117-84-0	Di-n-octyl phthalate	730	U	730	87
193-39-5	Indeno[1,2,3-cd]pyrene	73	U	73	12
53-70-3	Dibenz(a,h)anthracene	73	U	73	8.8
91-94-1	3,3'-Dichlorobenzidine	1500	U	1500	160
95-94-3	1,2,4,5-Tetrachlorobenzene	730	U	730	98
58-90-2	2,3,4,6-Tetrachlorophenol	730	U	730	150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-WT-E (7.5-8.0) Lab Sample ID: 460-24277-8

Matrix: Solid Lab File ID: u66387.d

Analysis Method: 8270C Date Collected: 03/17/2011 14:35

Extract. Method: 3541 Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 03/30/2011 13:48

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	61		38-105
4165-62-2	Phenol-d5	71		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	42		10-120
367-12-4	2-Fluorophenol	60		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-WT-E (7.5-8.0) | Lab Sample ID: 460-24277-8

Matrix: Solid | Lab File ID: u66387.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:35

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.00(g) | Date Analyzed: 03/30/2011 13:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 249900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	4.97	13000	J
	Unknown Alkane-2	5.15	22000	J
	Unknown-1	5.43	5100	J
	Unknown Alkane-3	5.58	7400	J
	Unknown Alkane-4	5.73	23000	J
	Unknown-2	5.97	5300	J
	Unknown Alkane-5	6.04	17000	J
	Unknown-3	6.12	6000	J
	Unknown Alkane-6	6.26	23000	J
	Unknown Alkane-7	6.47	5000	J
	Unknown Cycloalkane	6.53	7000	J
	Unknown Alkane-8	6.55	5600	J
	Unknown Alkane-9	6.74	22000	J
	Unknown Alkane-10	6.95	4900	J
	Unknown Alkane-11	7.22	11000	J
	Unknown Alkane-12	7.38	1700	J
593-45-3	n-Octadecane	7.63	62000	E
	Unknown-5	7.66	2400	J
	Unknown Alkane-13	8.04	3700	J
	Unknown Alkane-14	8.42	2800	J

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66387.d
Report Date: 30-Mar-2011 16:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66387.d
Lab Smp Id: 460-24277-F-8-A Client Smp ID: PMP-10-WT-E (7.5-8.
Inj Date : 30-MAR-2011 13:48
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-8-A
Misc Info : 460-24277-F-8-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 30
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	9.38144	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.915	1.911	(0.620)	161250	29.8940	4400
$ 17 Phenol-d5 (SUR)	99	2.797	2.814	(0.906)	245646	35.4853	5200
* 79 1,4-Dichlorobenzene-d4	152	3.086	3.080	(1.000)	209587	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.683	3.696	(0.834)	150913	15.1926	2200
* 80 Naphthalene-d8	136	4.418	4.412	(1.000)	621925	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.547	5.529	(0.896)	430113	18.6109	2700
* 82 Acenaphthene-d10	164	6.193	6.160	(1.000)	745548	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.979	6.941	(1.127)	83587	20.9928	3100
115 n-Octadecane	57	7.635	7.577	(1.001)	4479179	418.268	62000(A)
* 83 Phenanthrene-d10	188	7.627	7.592	(1.000)	935158	40.0000	
57 Pyrene	202	8.985	8.972	(0.886)	28602	2.24173	330(a)
$ 78 Terphenyl-d14	244	9.166	9.156	(0.904)	212427	20.3988	3000
* 81 Chrysene-d12	240	10.142	10.146	(1.000)	422997	40.0000	

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66387.d
Report Date: 30-Mar-2011 16:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	11.659	11.655	(1.000)	311528	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66387.d
Report Date: 30-Mar-2011 16:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66387.d
Lab Smp Id: 460-24277-F-8-A Client Smp ID: PMP-10-WT-E (7.5-8.
Inj Date : 30-MAR-2011 13:48
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-8-A
Misc Info : 460-24277-F-8-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 30
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	9.38144	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	4.418	3552977	40.000
* 82 Acenaphthene-d10	6.193	7786972	40.000
* 83 Phenanthrene-d10	7.627	26604577	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
4.969	8058047	90.7188081	13000	0	0		80

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66387.d
Report Date: 30-Mar-2011 16:06

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2					CAS #:		
5.149	13552052	152.571210	22000	0		0	80
Unknown-1					CAS #:		
5.434	6689439	34.3622044	5000	0		0	82
Unknown Alkane-3					CAS #:		
5.582	9751879	50.0933022	7400	0		0	82(L)
Unknown Alkane-4					CAS #:		
5.728	30527454	156.812954	23000	0		0	82
Unknown-2					CAS #:		
5.971	7015707	36.0381761	5300	0		0	82
Unknown Alkane-5					CAS #:		
6.040	22182954	113.949055	17000	0		0	82
Unknown-3					CAS #:		
6.117	7938377	40.7777332	6000	0		0	82
Unknown Alkane-6					CAS #:		
6.256	30230951	155.289880	23000	0		0	82
Unknown Alkane-7					CAS #:		
6.471	6569717	33.7472217	5000	0		0	82
Unknown Cycloalkane					CAS #:		
6.527	9244510	47.4870555	7000	0		0	82
Unknown Alkane-8					CAS #:		
6.555	7344088	37.7249967	5600	0		0	82
Unknown Alkane-9					CAS #:		
6.742	28455104	146.167735	22000	0		0	82
Unknown Alkane-10					CAS #:		
6.951	22237509	33.4341088	4900	0		0	83
Unknown-4					CAS #:		
7.021	7525109	11.3140065	1700	0		0	83
Unknown Alkane-11					CAS #:		
7.223	47719116	71.7457214	10000	0		0	83

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66387.d
Report Date: 30-Mar-2011 16:06

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-12					CAS #:		
7.376	7552344	11.3549534	1700	0		0	83
Unknown-5					CAS #:		
7.663	10847285	16.3088994	2400	0		0	83
Unknown Alkane-13					CAS #:		
8.040	16766341	25.2082039	3700	0		0	83
Unknown Alkane-14					CAS #:		
8.419	12589785	18.9287494	2800	0		0	83

QC Flag Legend

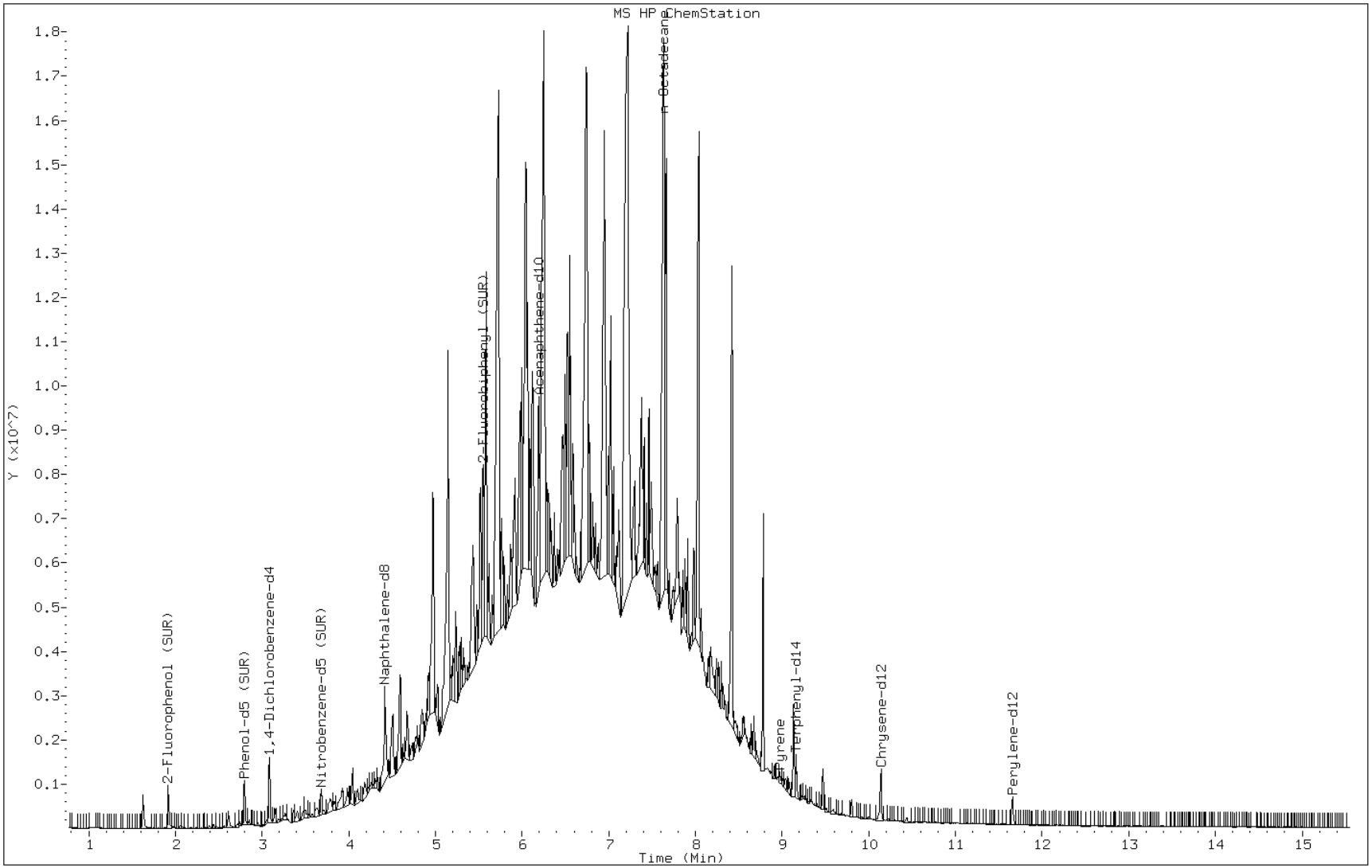
L - Operator selected an alternate library search match.

Data File: u66387.d

Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4



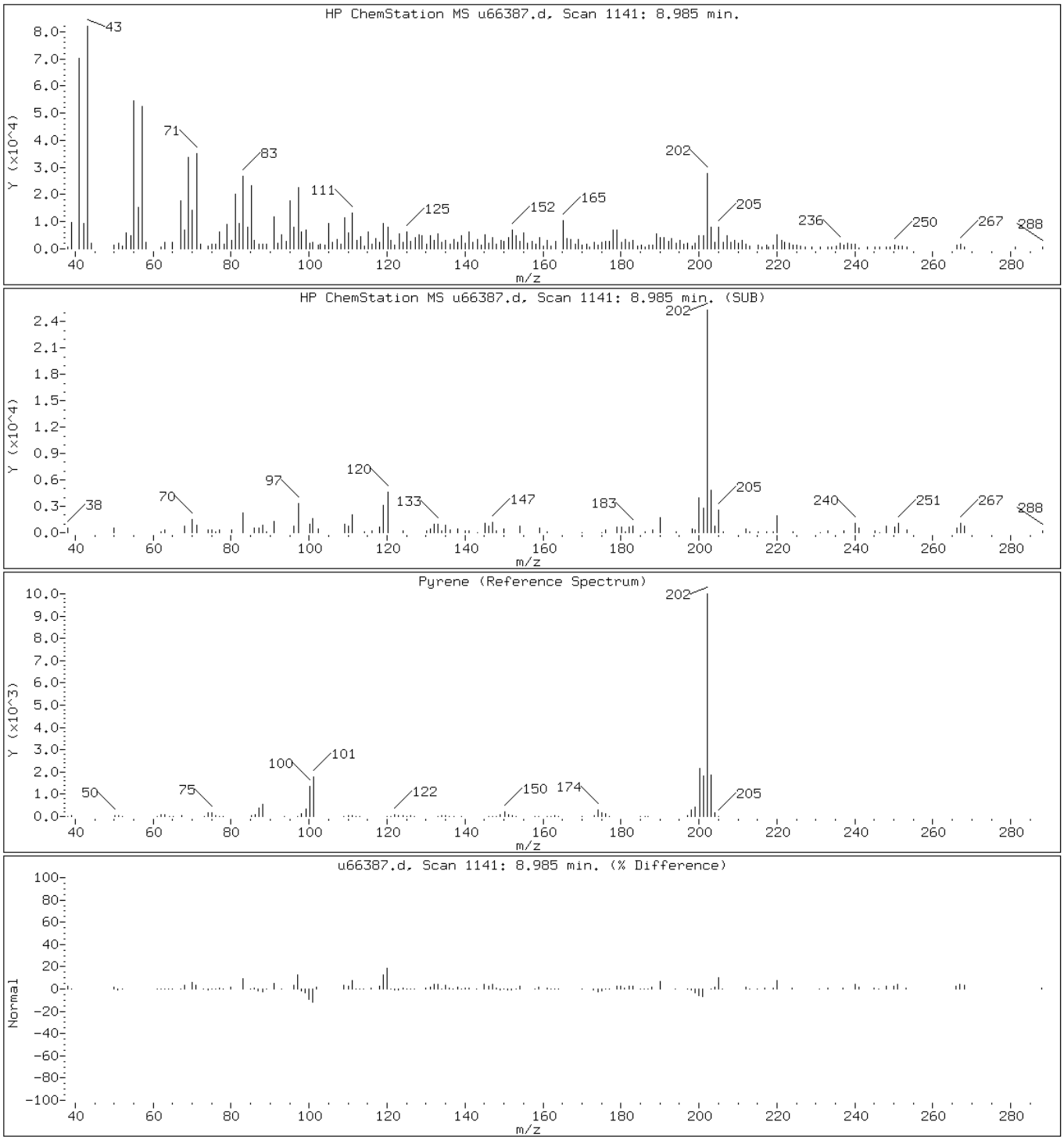
Data File: u66387.d

Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

57 Pyrene



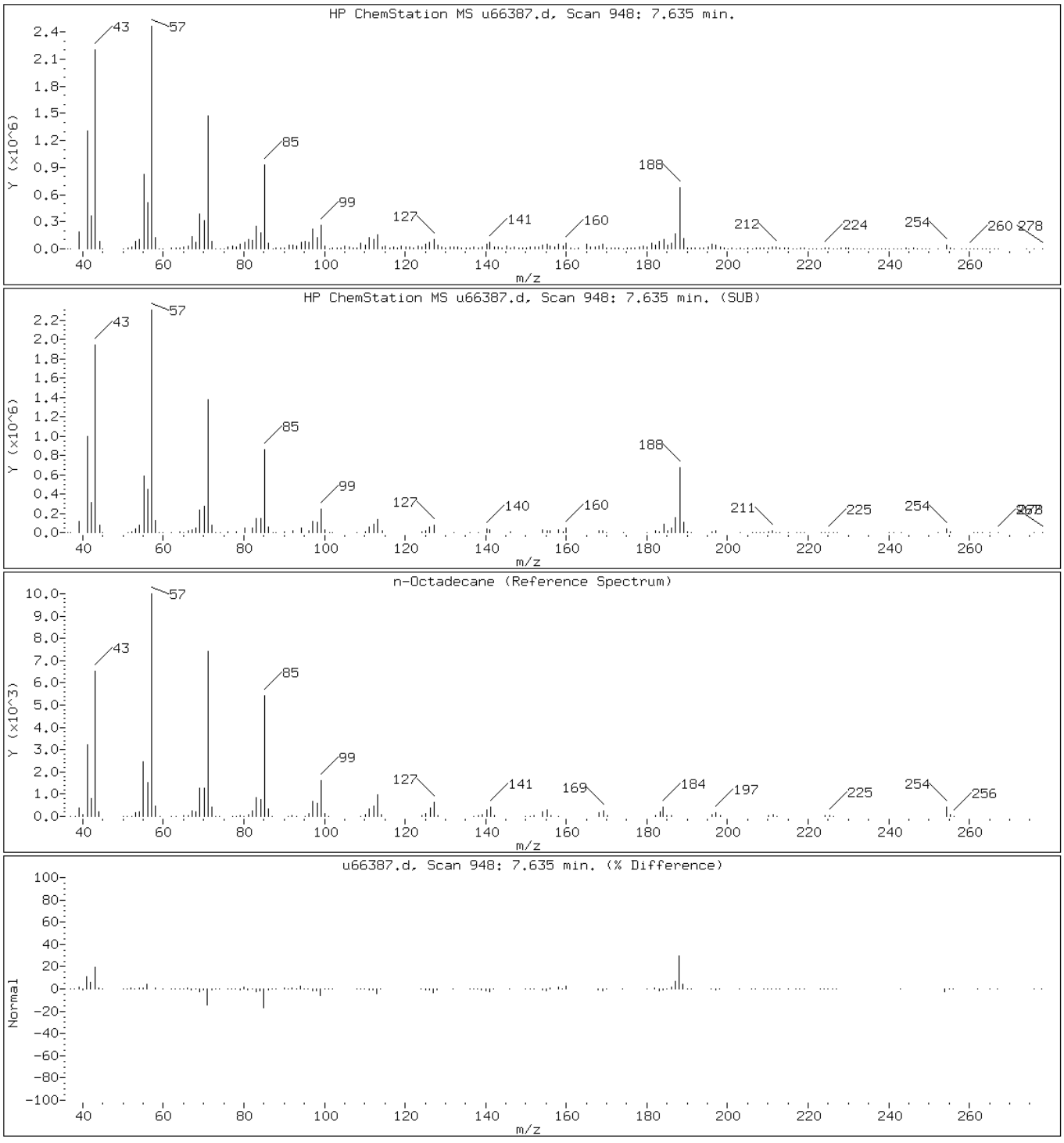
Data File: u66387.d

Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

115 n-Octadecane



Data File: u66387.d

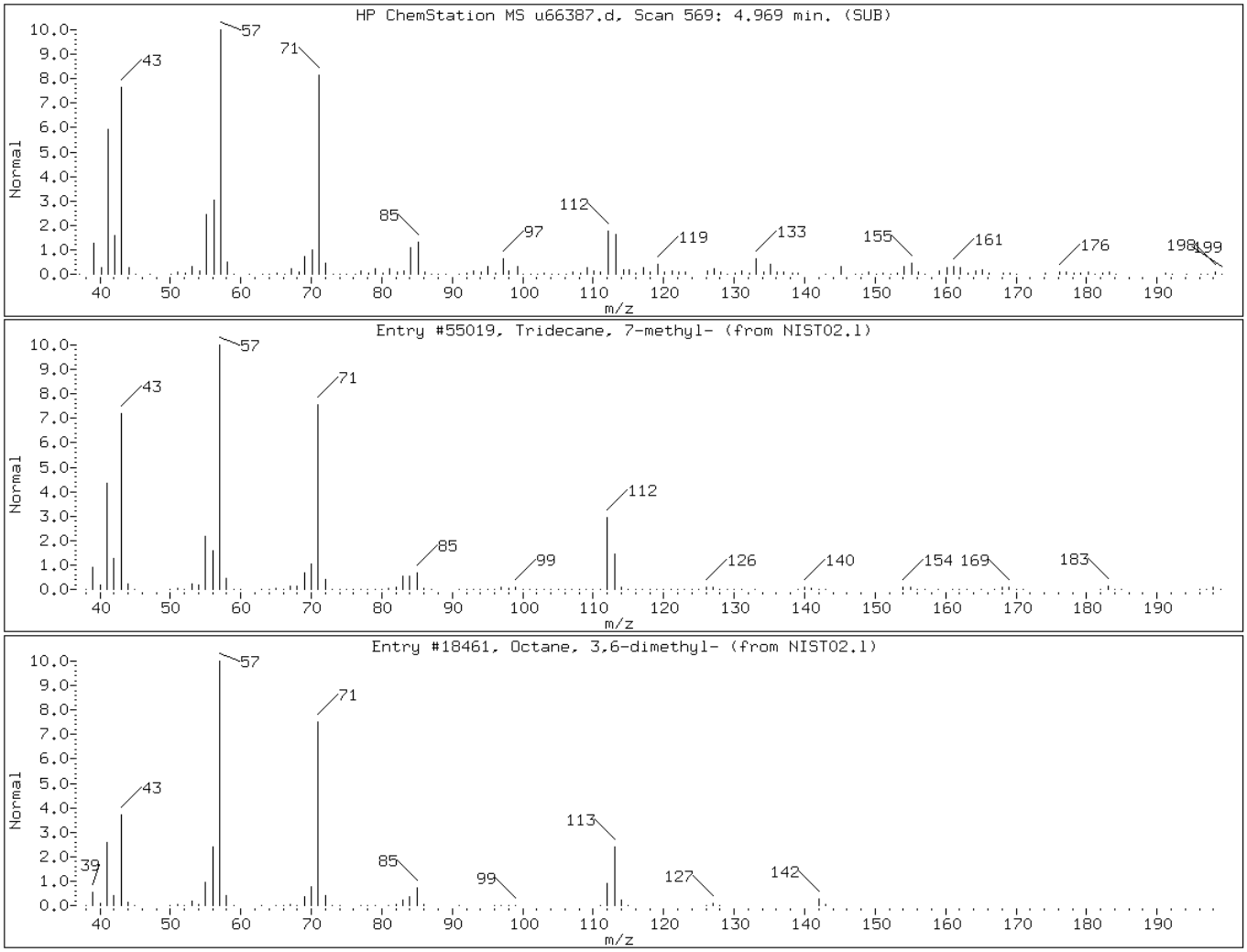
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 4.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	81	C14H30	198
Octane, 3,6-dimethyl-	15869-94-0	NIST02.l	18461	72	C10H22	142



Data File: u66387.d

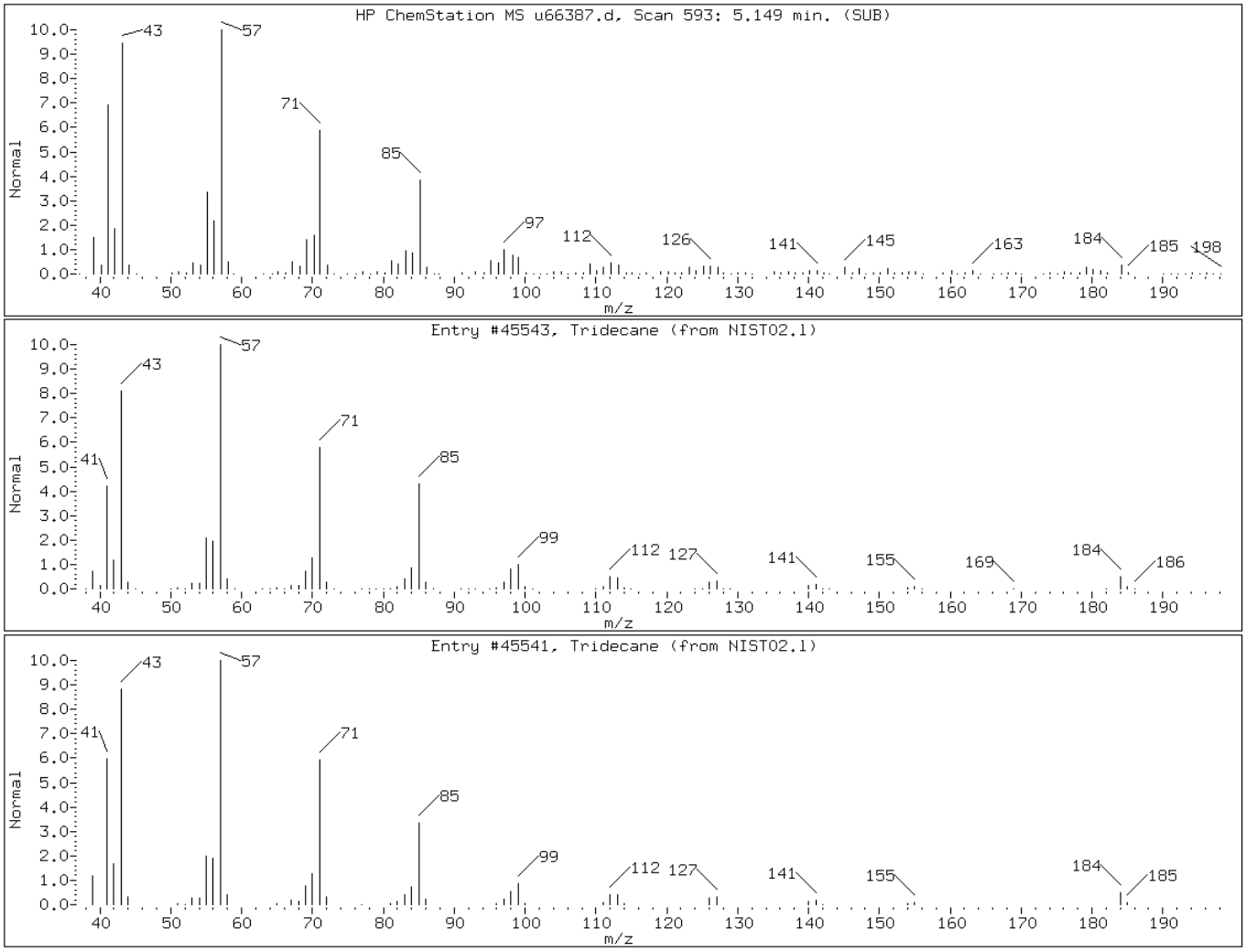
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 5.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane	629-50-5	NIST02.l	45543	93	C13H28	184
Tridecane	629-50-5	NIST02.l	45541	93	C13H28	184



Data File: u66387.d

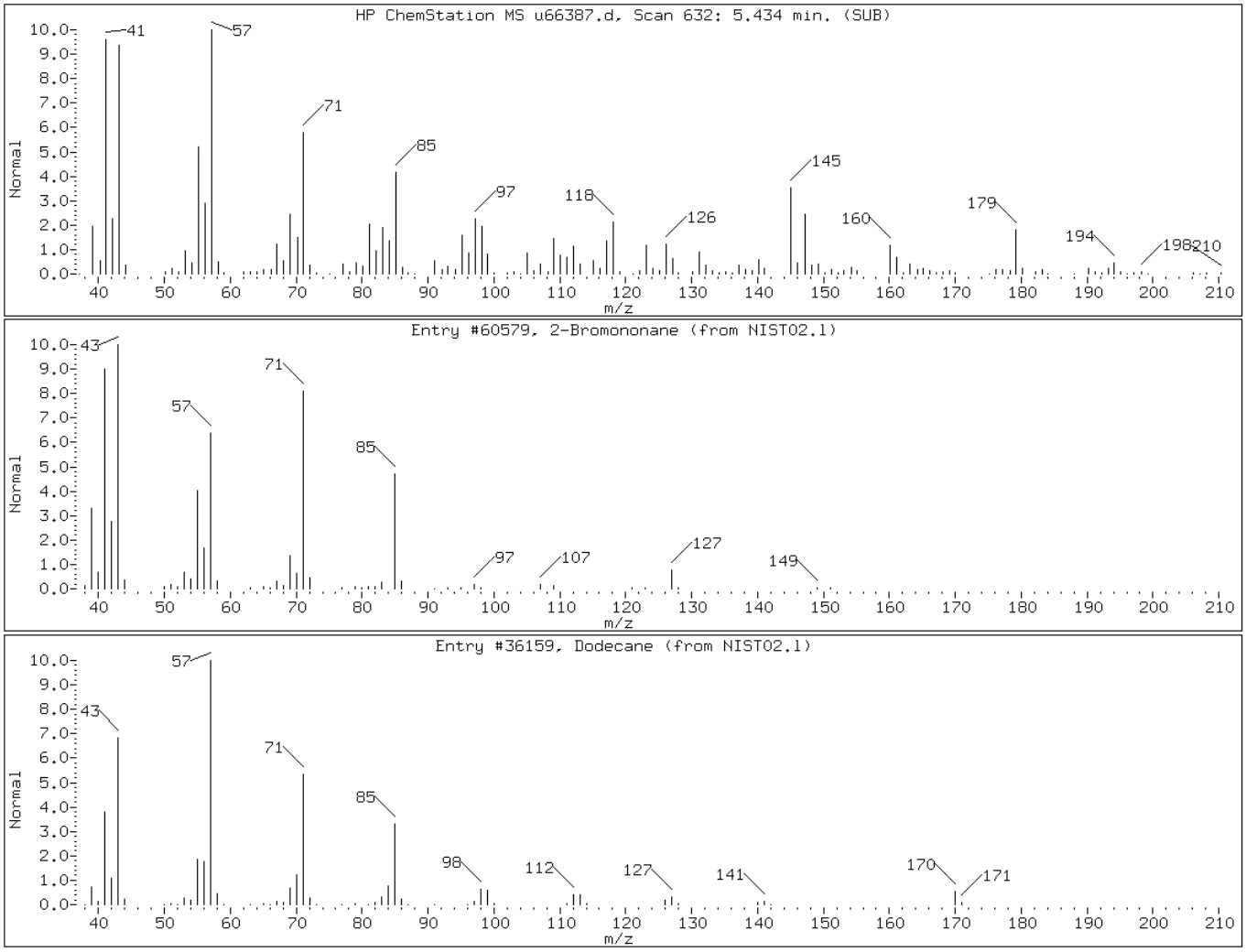
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 5.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
2-Bromononane	2216-35-5	NIST02.l	60579	27	C9H19Br	206
Dodecane	112-40-3	NIST02.l	36159	27	C12H26	170



Data File: u66387.d

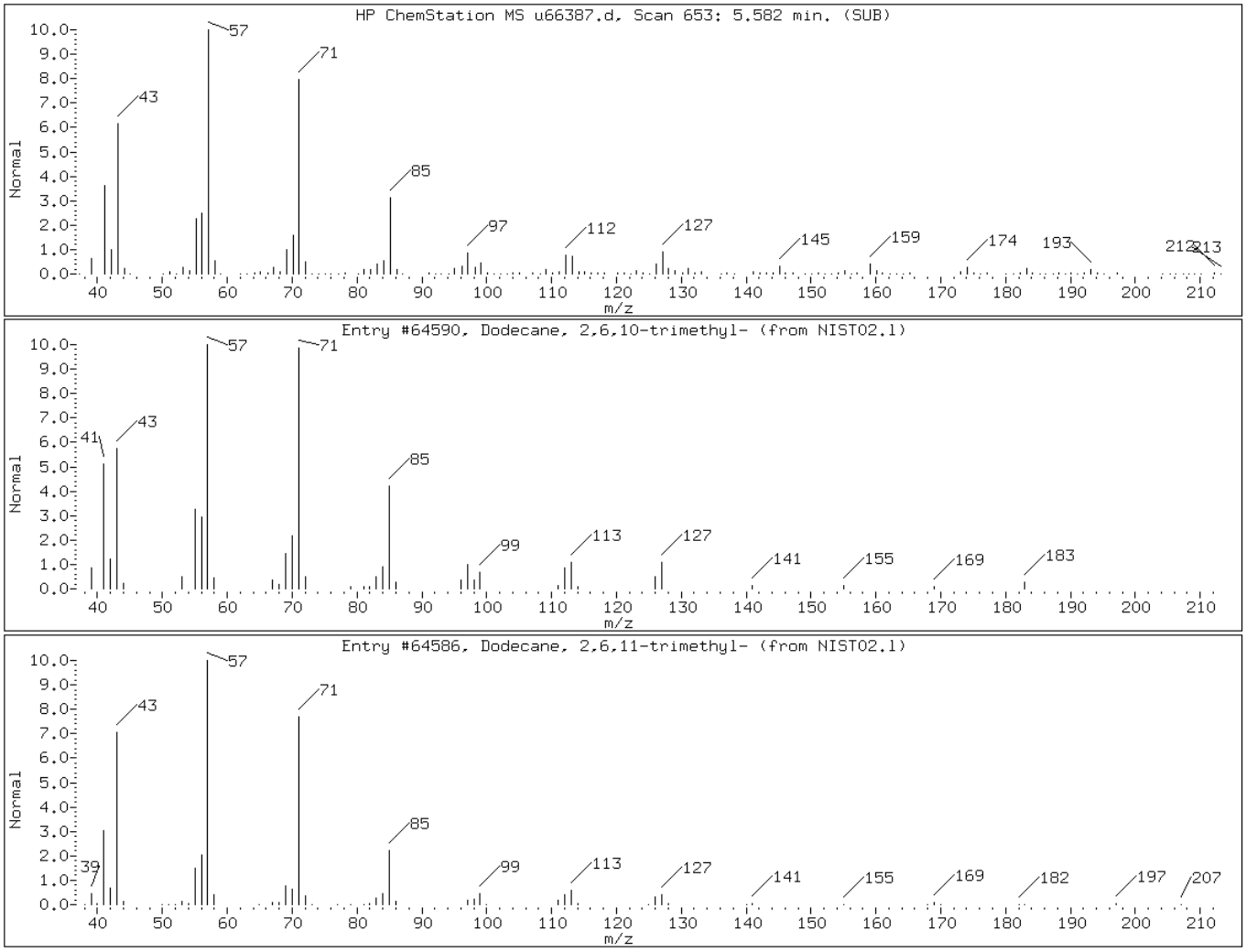
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 5.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	90	C15H32	212
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64586	90	C15H32	212



Data File: u66387.d

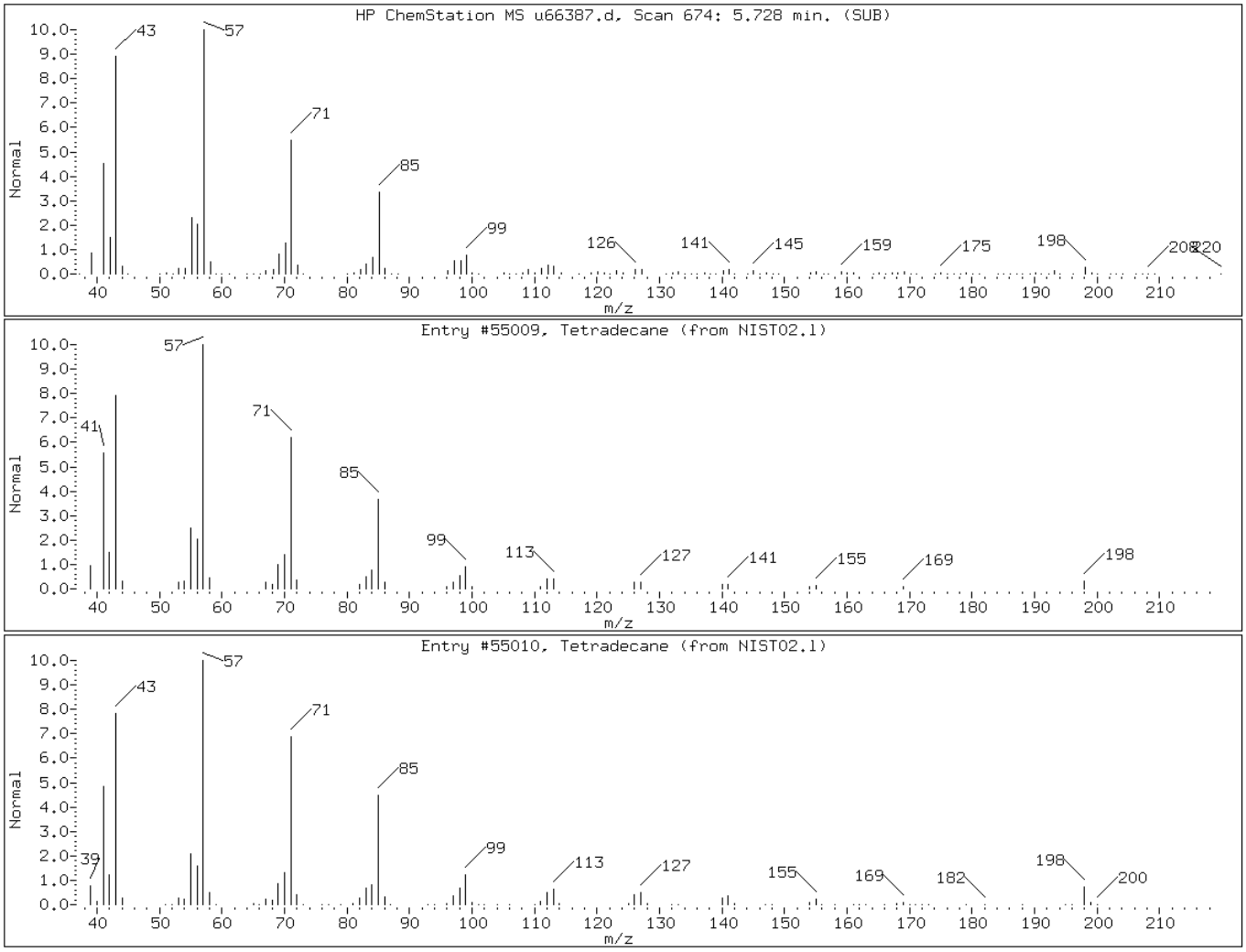
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 5.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tetradecane	629-59-4	NIST02.l	55009	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55010	97	C14H30	198



Data File: u66387.d

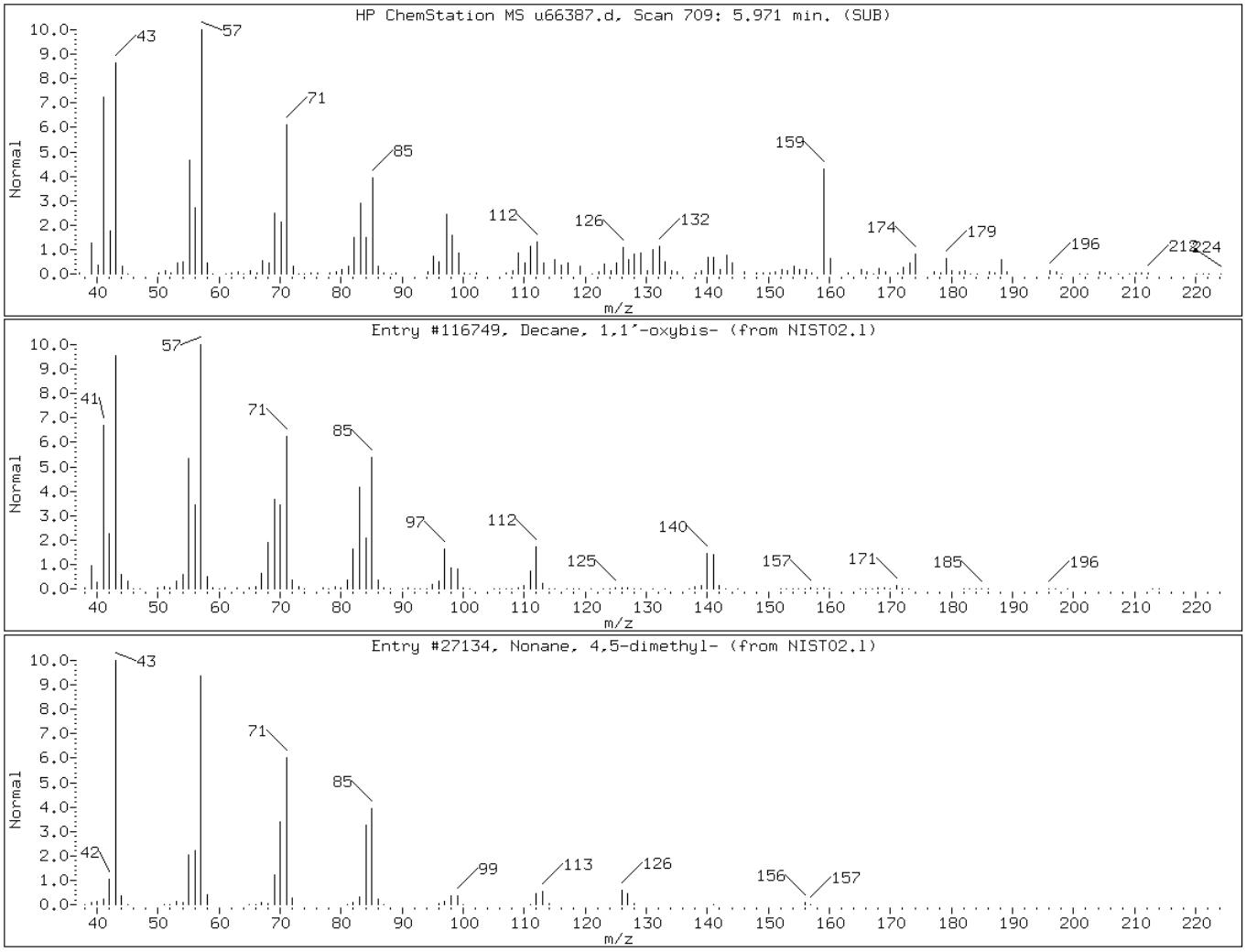
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 5.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Decane, 1,1'-oxybis-	2456-28-2	NIST02.l	116749	43	C20H42O	298
Nonane, 4,5-dimethyl-	17302-23-7	NIST02.l	27134	38	C11H24	156



Data File: u66387.d

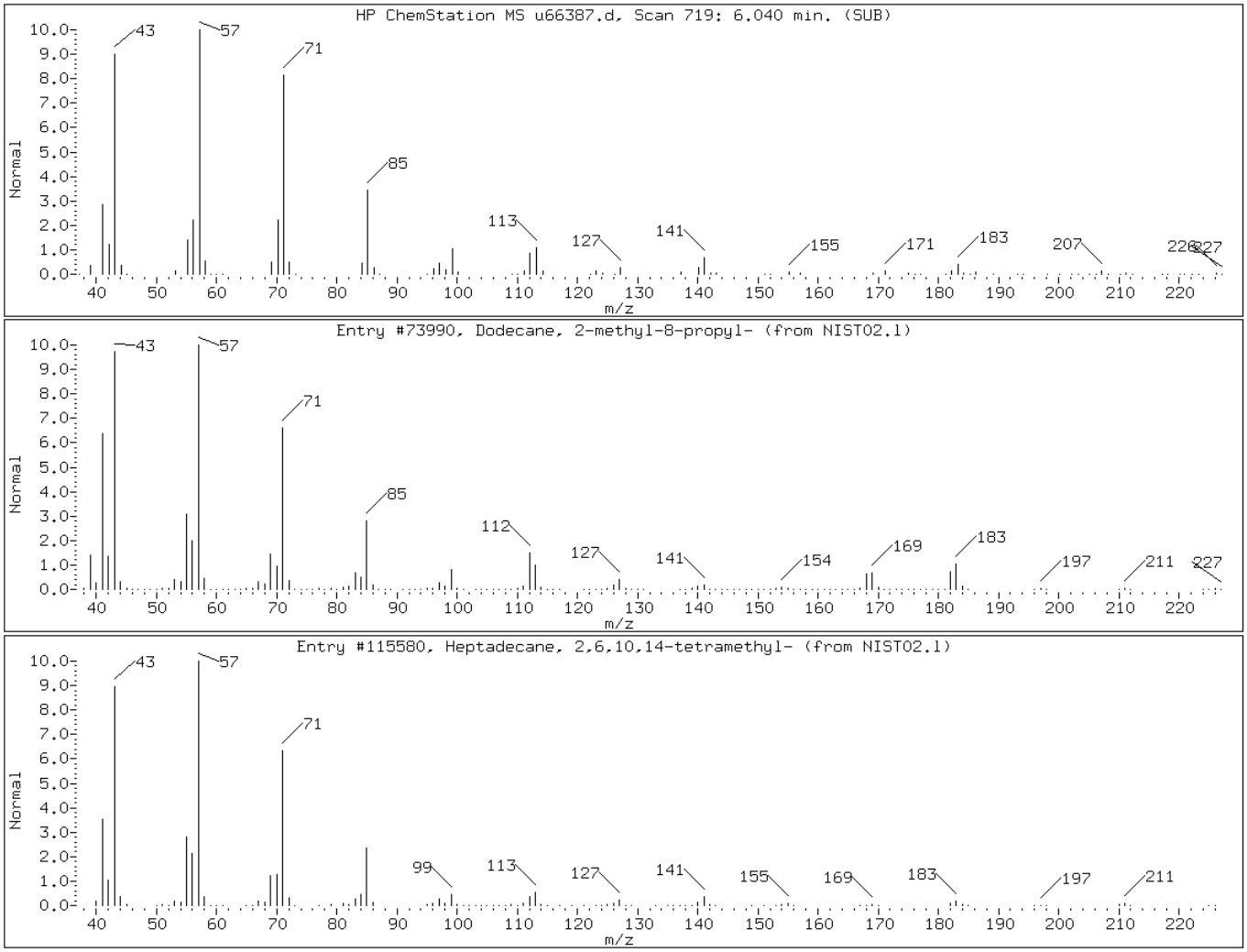
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 6.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Dodecane, 2-methyl-8-propyl-	55045-07-3	NIST02.l	73990	87	C16H34	226
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	86	C21H44	296



Data File: u66387.d

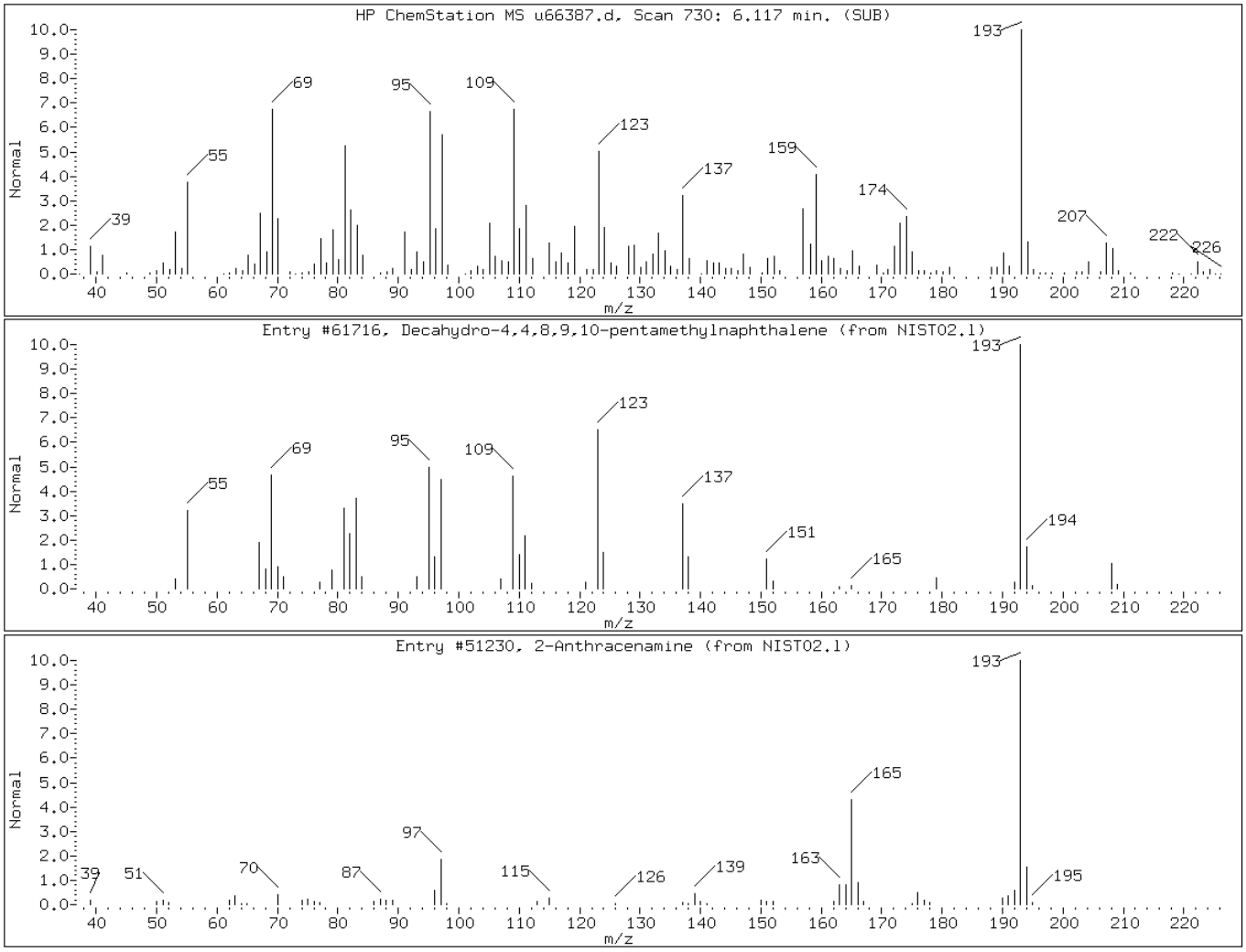
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 6.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	78	C15H28	208
2-Anthracenamine	613-13-8	NIST02.l	51230	38	C14H11N	193



Data File: u66387.d

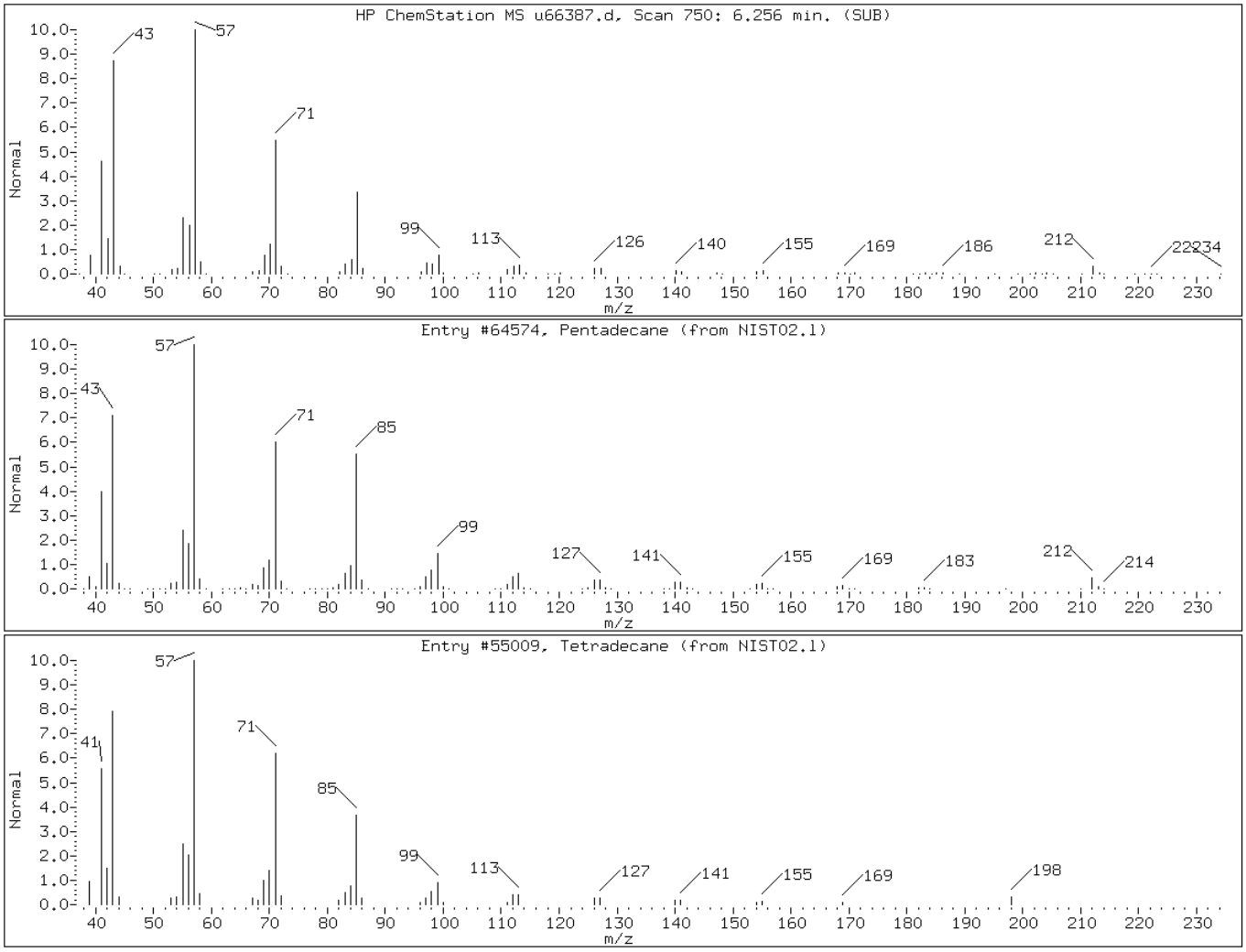
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 6.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Pentadecane	629-62-9	NIST02.l	64574	97	C15H32	212
Tetradecane	629-59-4	NIST02.l	55009	91	C14H30	198



Data File: u66387.d

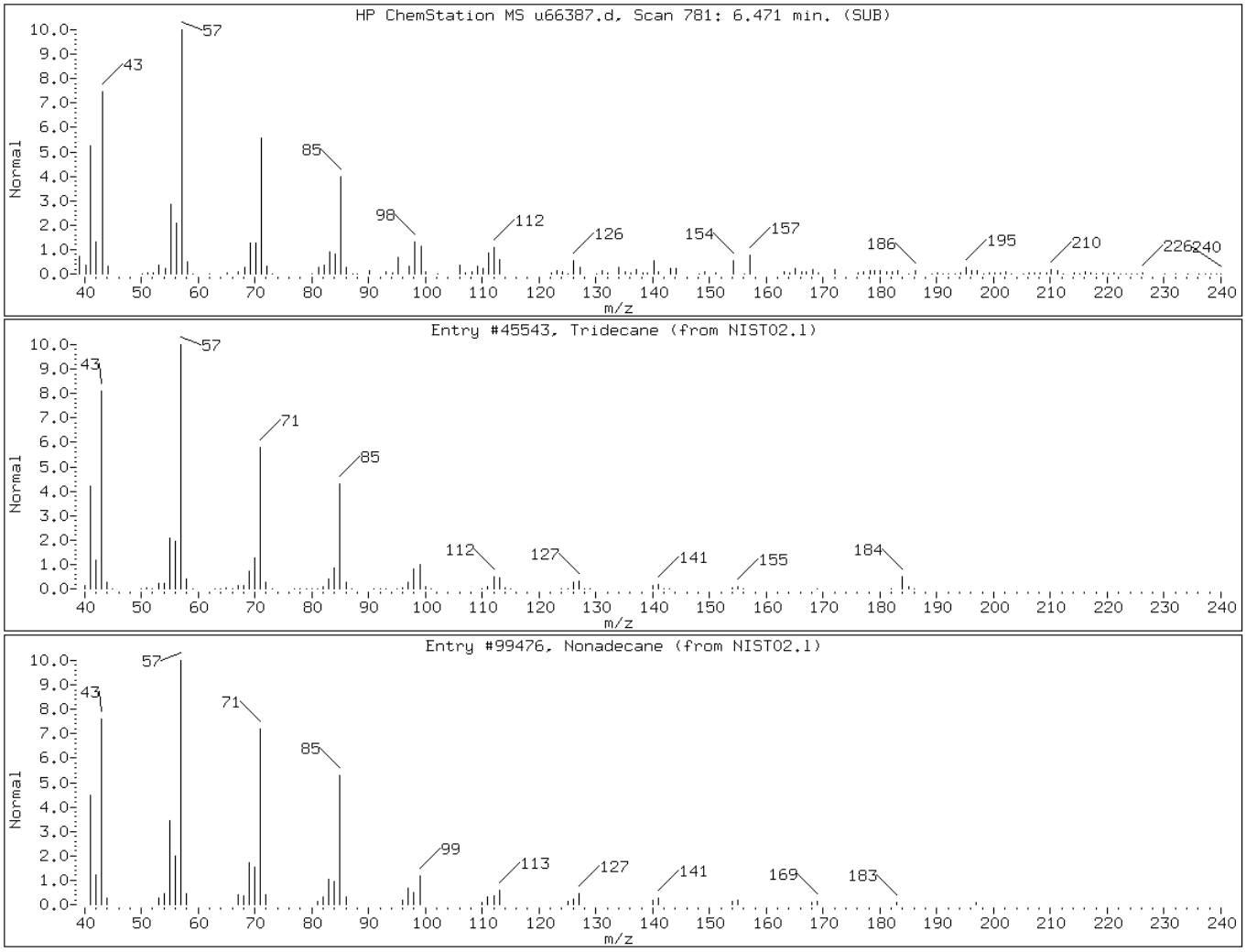
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 6.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tridecane	629-50-5	NIST02.l	45543	86	C13H28	184
Nonadecane	629-92-5	NIST02.l	99476	83	C19H40	268



Data File: u66387.d

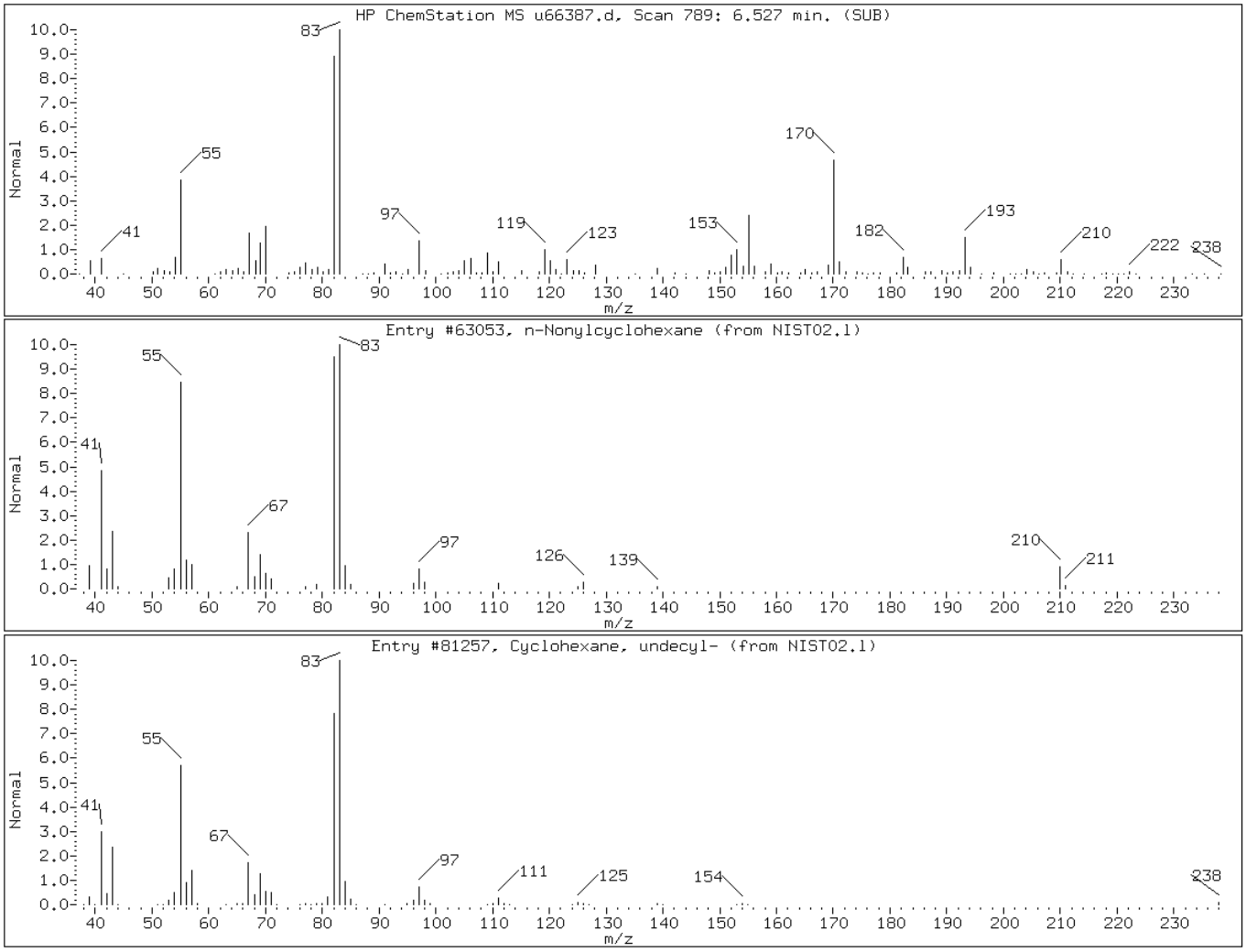
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 6.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
n-Nonylcyclohexane	2883-02-5	NIST02.l	63053	53	C15H30	210
Cyclohexane, undecyl-	54105-66-7	NIST02.l	81257	47	C17H34	238



Data File: u66387.d

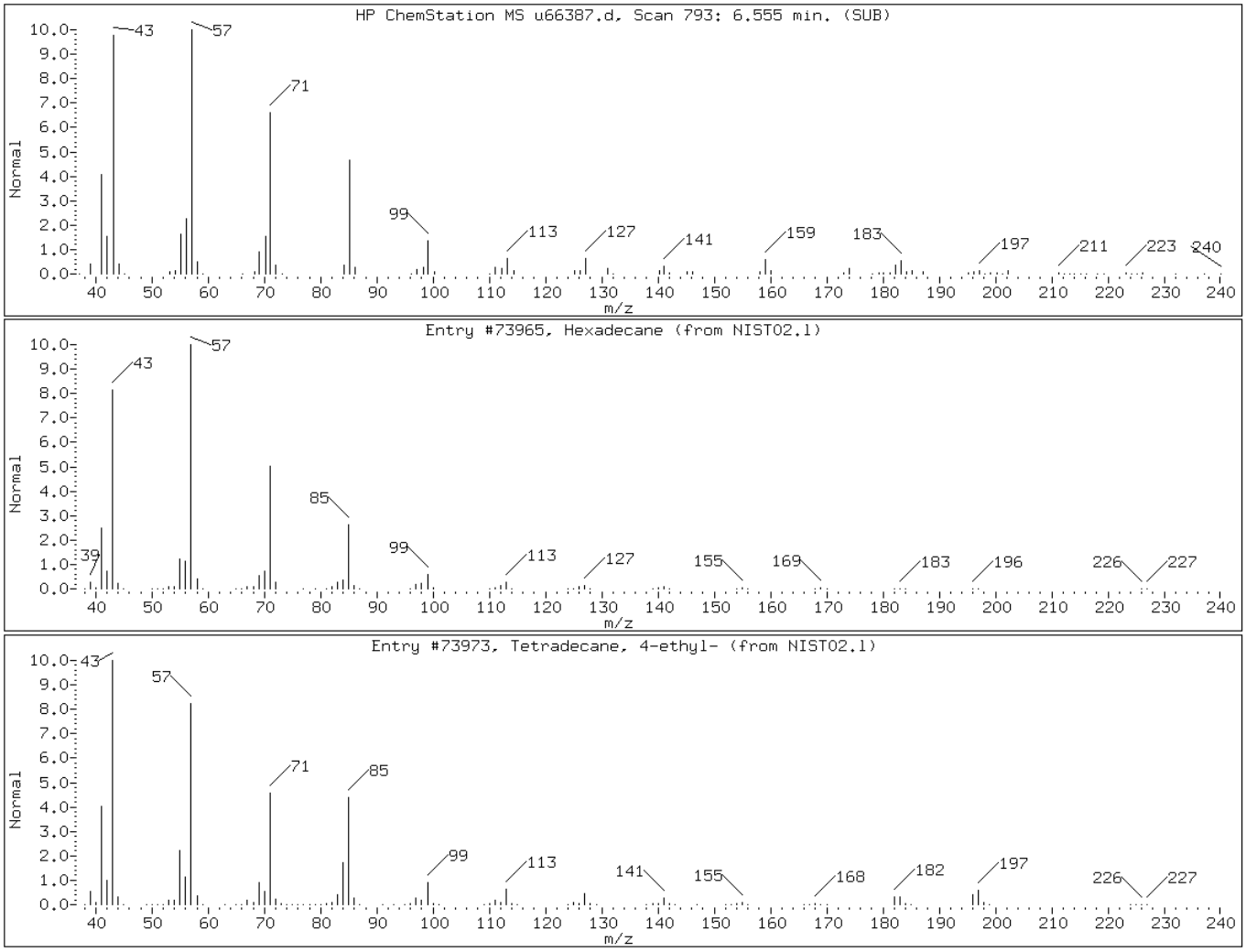
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 6.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Hexadecane	544-76-3	NIST02.l	73965	90	C16H34	226
Tetradecane, 4-ethyl-	55045-14-2	NIST02.l	73973	80	C16H34	226



Data File: u66387.d

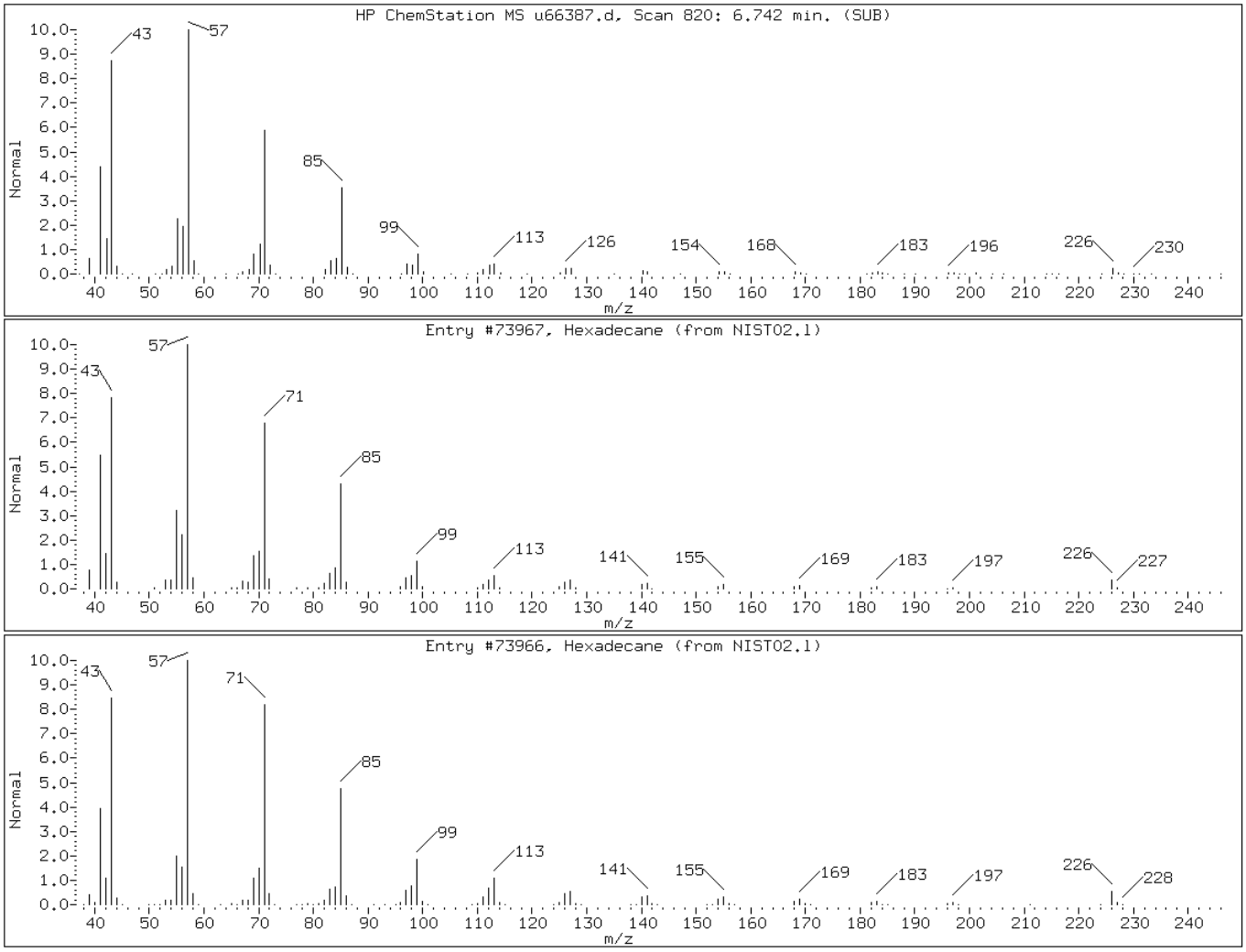
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 6.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane	544-76-3	NIST02.l	73967	96	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	95	C16H34	226



Data File: u66387.d

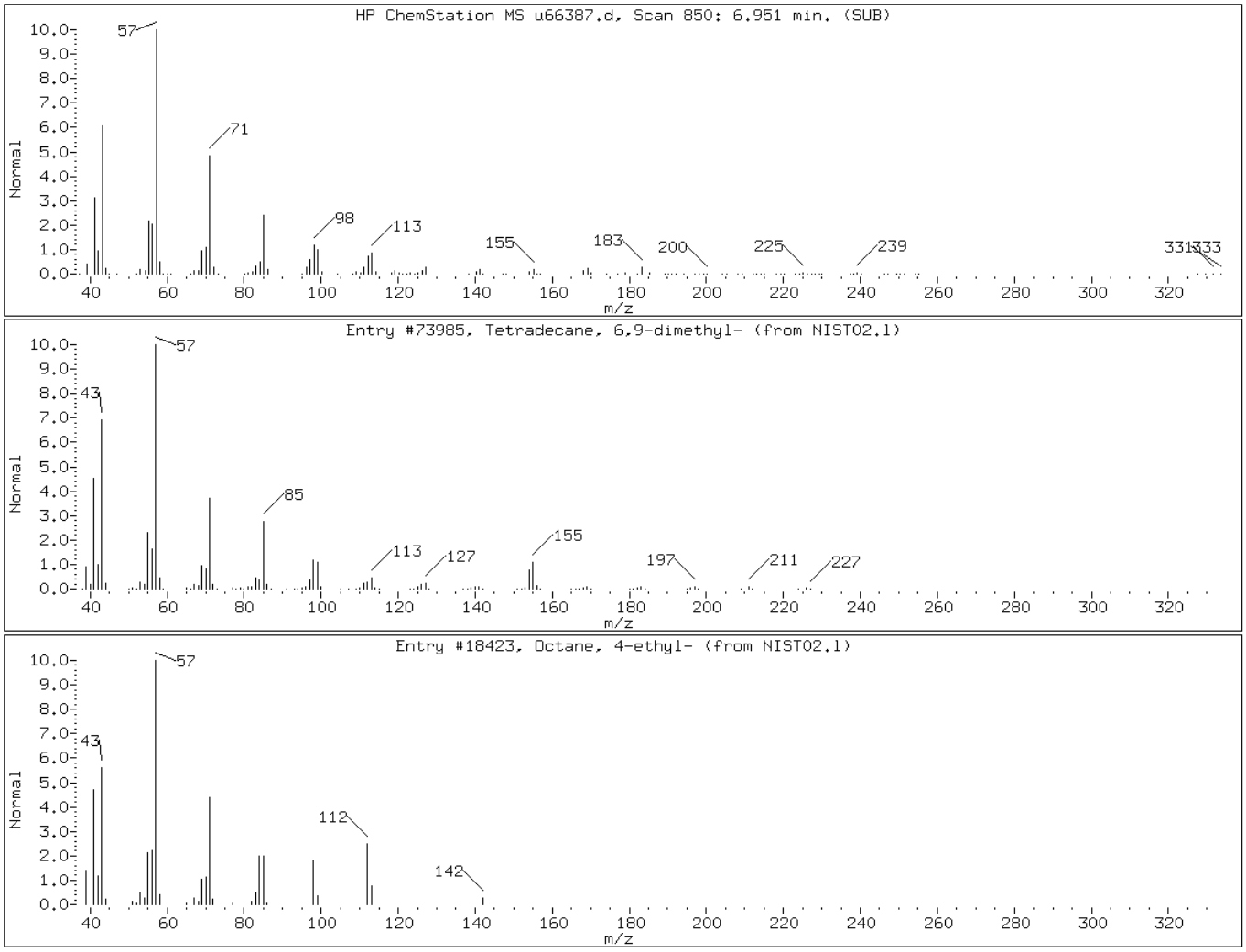
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 6.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Tetradecane, 6,9-dimethyl-	55045-13-1	NIST02.l	73985	90	C16H34	226
Octane, 4-ethyl-	15869-86-0	NIST02.l	18423	87	C10H22	142



Data File: u66387.d

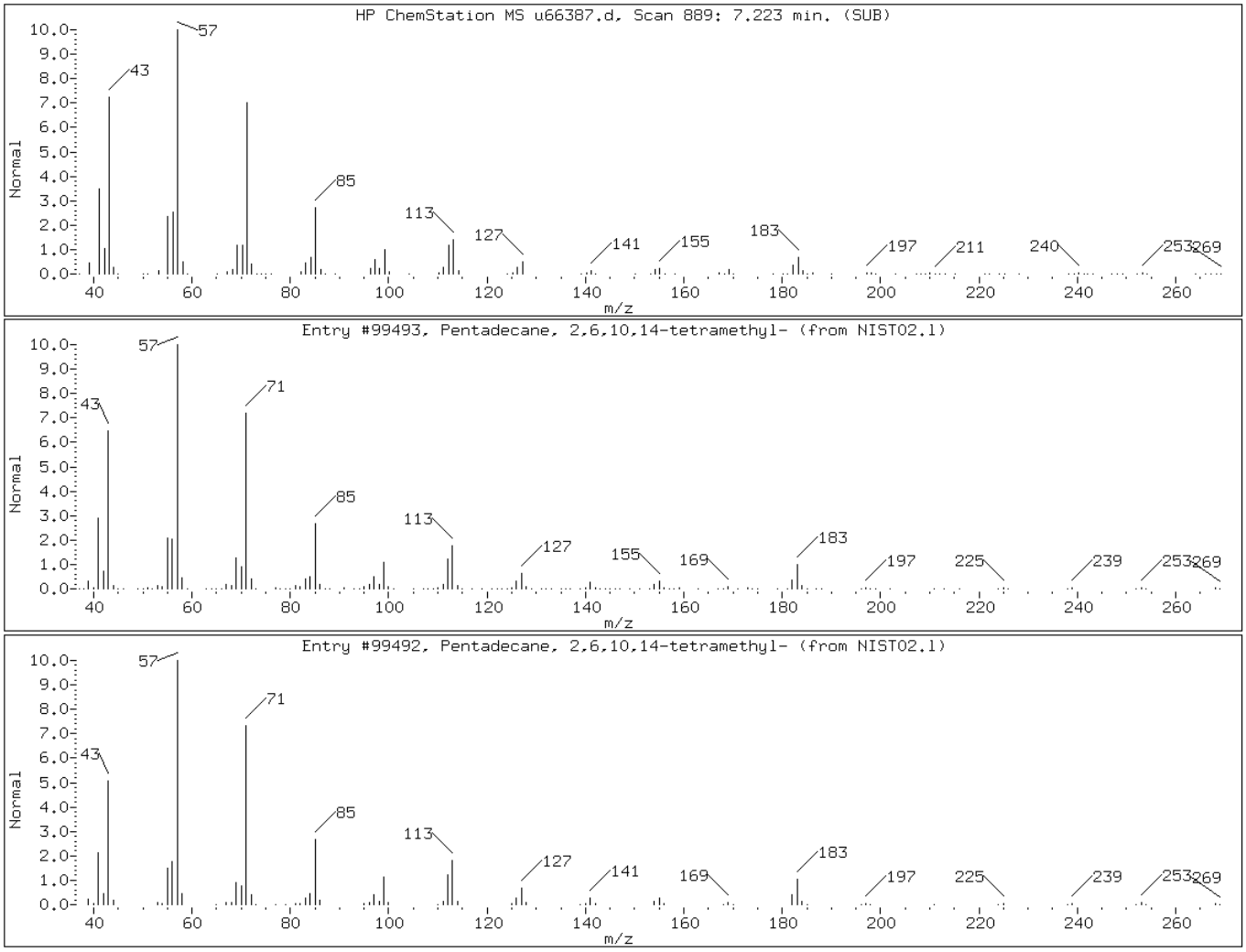
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 7.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	98	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	97	C19H40	268



Data File: u66387.d

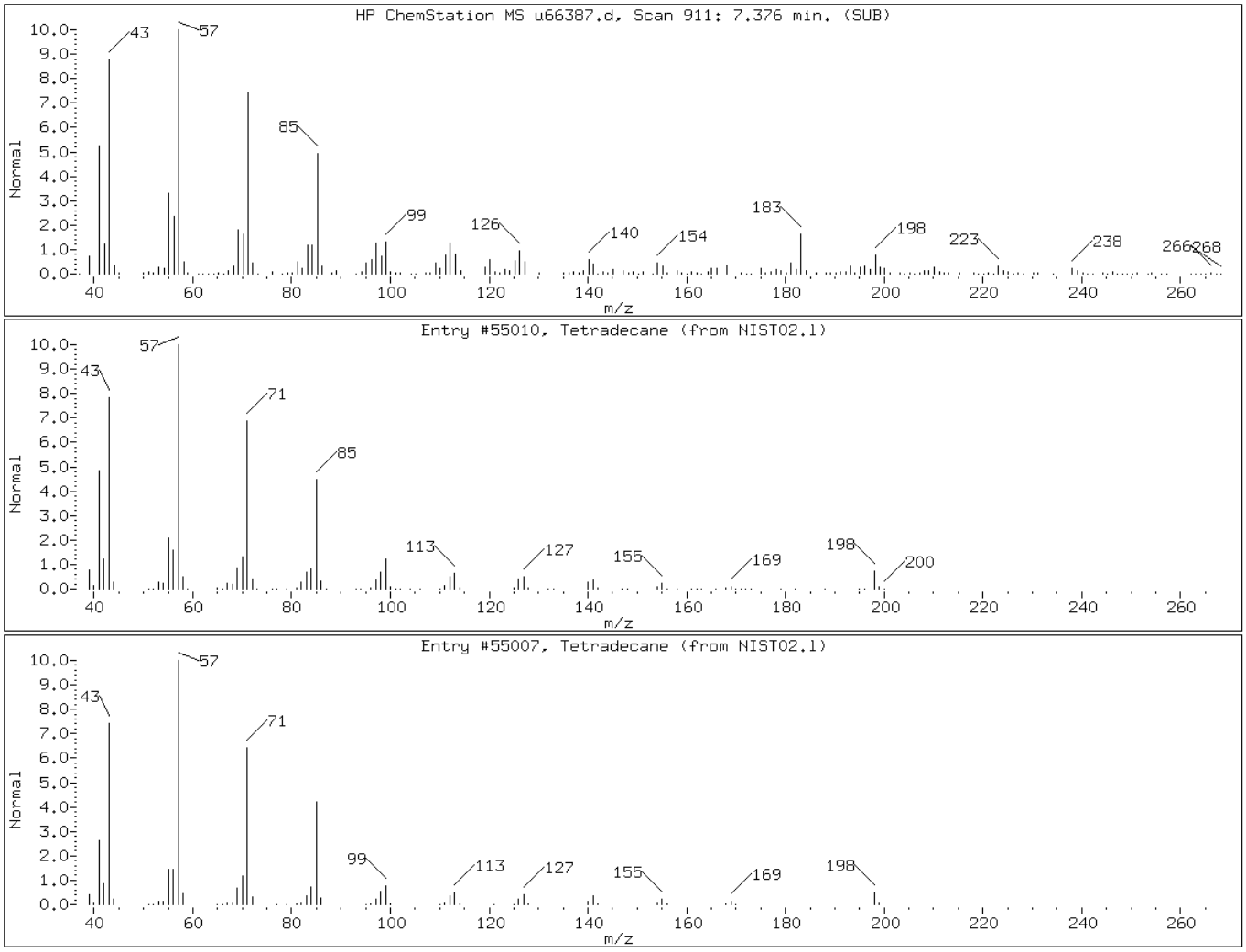
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 7.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Tetradecane	629-59-4	NIST02.l	55010	96	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	95	C14H30	198



Data File: u66387.d

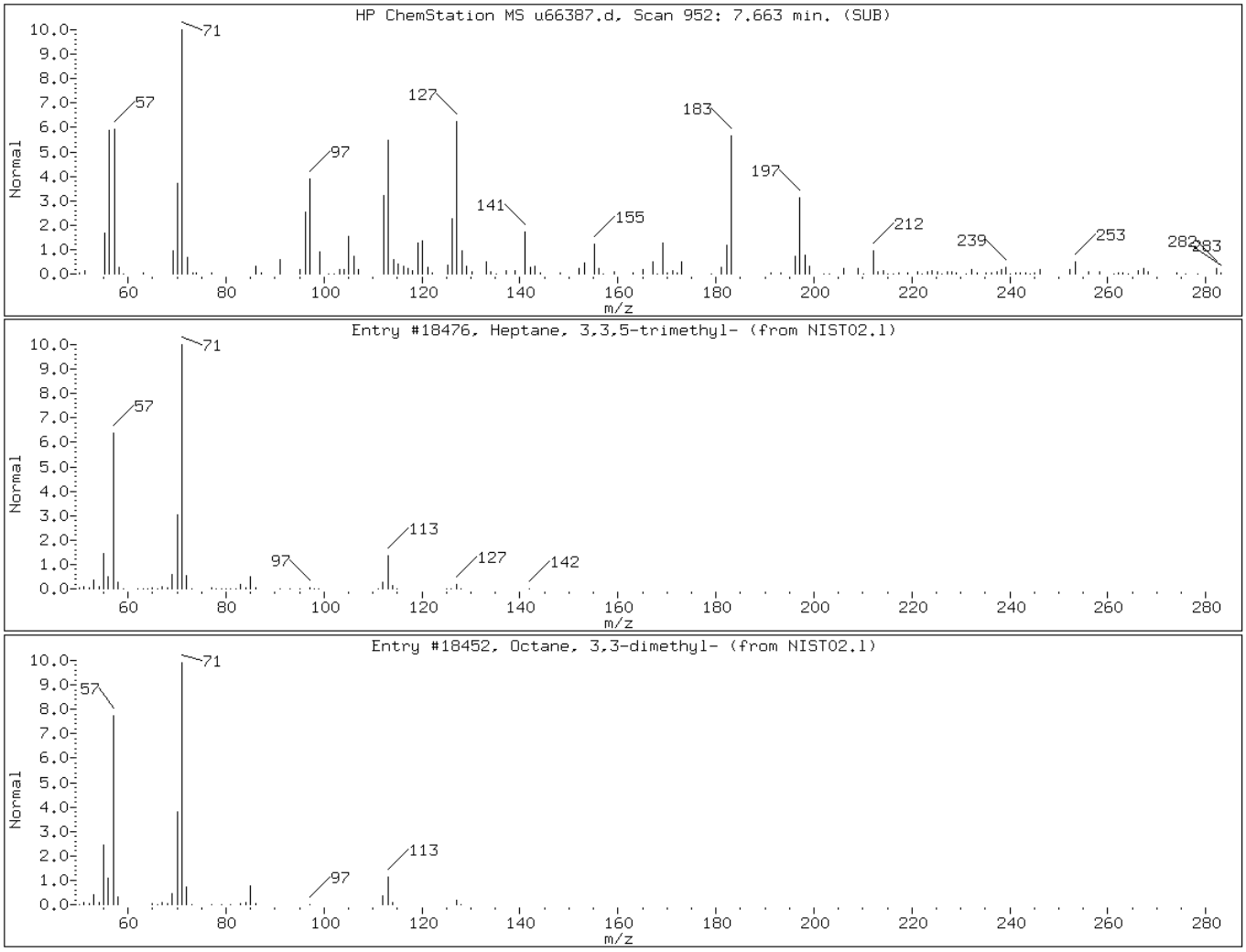
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 7.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Heptane, 3,3,5-trimethyl-	7154-80-5	NIST02.l	18476	27	C10H22	142
Octane, 3,3-dimethyl-	4110-44-5	NIST02.l	18452	27	C10H22	142



Data File: u66387.d

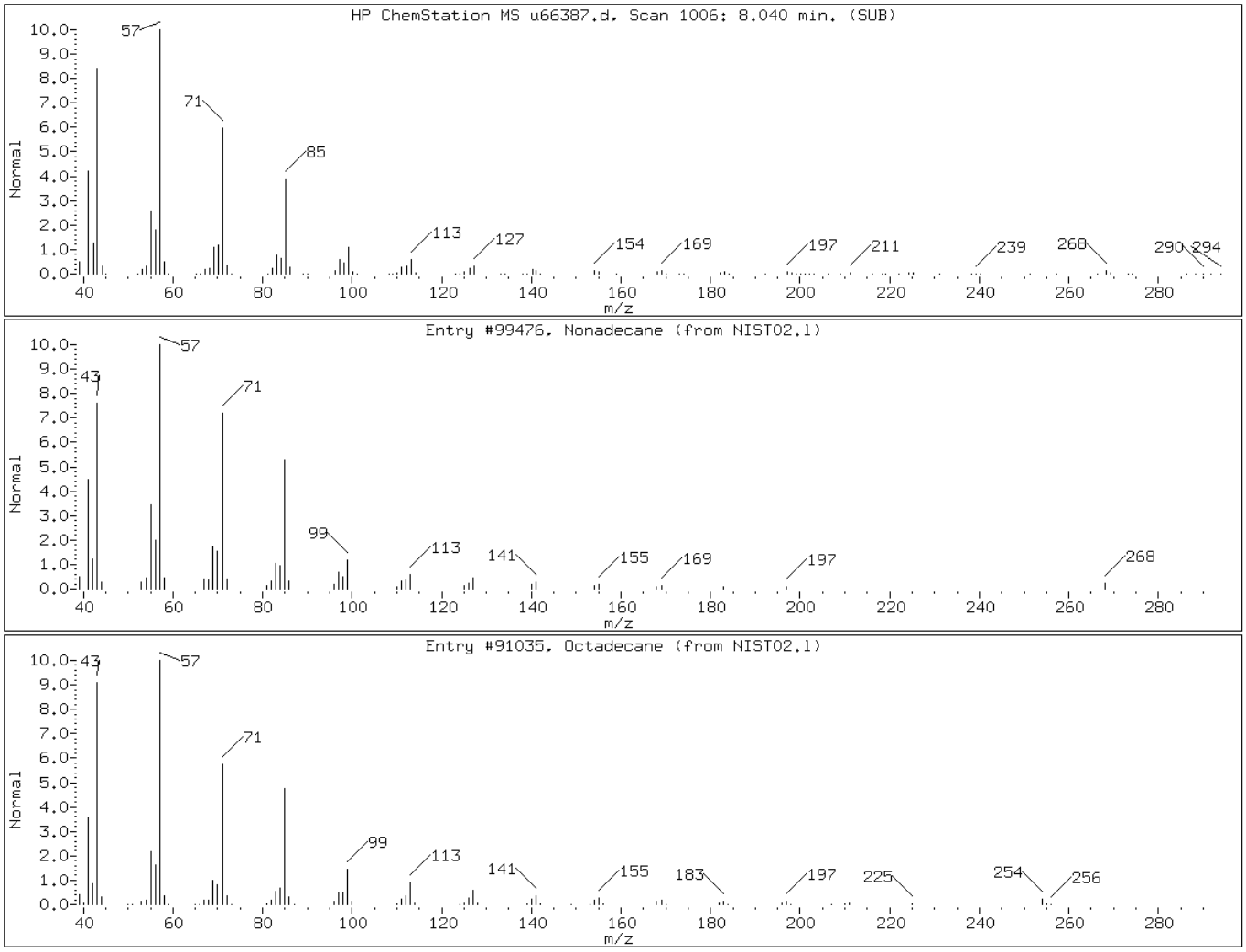
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 8.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Nonadecane	629-92-5	NIST02.l	99476	98	C19H40	268
Octadecane	593-45-3	NIST02.l	91035	95	C18H38	254



Data File: u66387.d

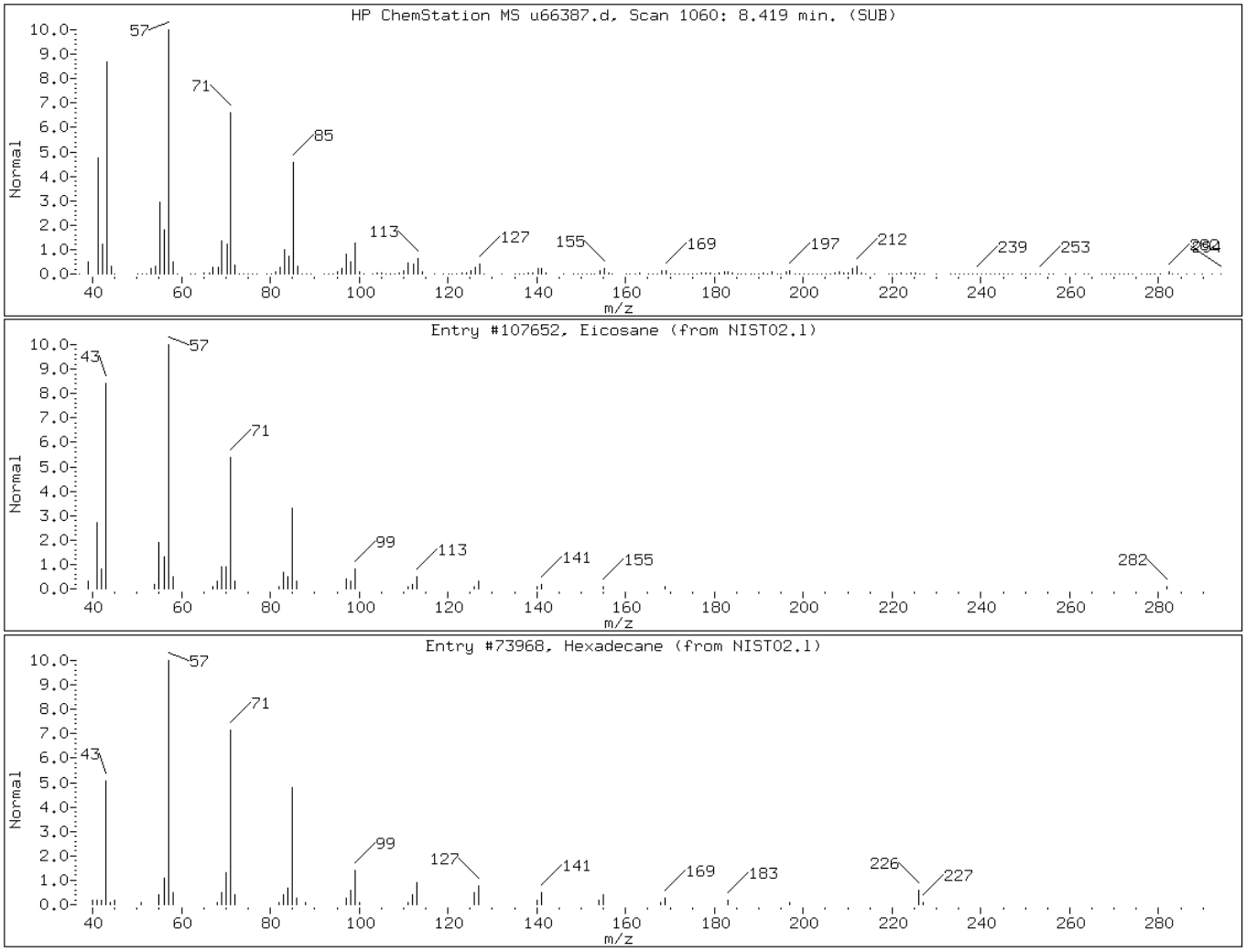
Date: 30-MAR-2011 13:48

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAMS4.i

Sample Info: 460-24277-F-8-A Operator: BNAMS 4

Retention Time: 8.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Eicosane	112-95-8	NIST02.l	107652	98	C20H42	282
Hexadecane	544-76-3	NIST02.l	73968	97	C16H34	226



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST1-E (15-15.5) | Lab Sample ID: 460-24277-9

Matrix: Solid | Lab File ID: u66367.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:40

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 07:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	390	U	390	48
95-57-8	2-Chlorophenol	390	U	390	52
95-48-7	2-Methylphenol	390	U	390	56
106-44-5	4-Methylphenol	390	U	390	64
100-52-7	Benzaldehyde	390	U	390	24
98-86-2	Acetophenone	390	U	390	58
111-44-4	Bis(2-chloroethyl)ether	39	U	39	8.1
108-60-1	2,2'-oxybis[1-chloropropane]	390	U	390	51
621-64-7	N-Nitrosodi-n-propylamine	39	U	39	5.1
98-95-3	Nitrobenzene	39	U	39	8.7
67-72-1	Hexachloroethane	39	U	39	6.6
78-59-1	Isophorone	390	U *	390	45
88-75-5	2-Nitrophenol	390	U	390	64
105-67-9	2,4-Dimethylphenol	390	U	390	62
120-83-2	2,4-Dichlorophenol	390	U	390	62
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	56
91-20-3	Naphthalene	450		390	57
106-47-8	4-Chloroaniline	390	U	390	49
87-68-3	Hexachlorobutadiene	79	U	79	16
105-60-2	Caprolactam	390	U	390	53
59-50-7	4-Chloro-3-methylphenol	390	U	390	65
91-57-6	2-Methylnaphthalene	450		390	57
118-74-1	Hexachlorobenzene	39	U	39	5.4
77-47-4	Hexachlorocyclopentadiene	390	U	390	110
88-06-2	2,4,6-Trichlorophenol	390	U	390	70
95-95-4	2,4,5-Trichlorophenol	390	U	390	75
92-52-4	Diphenyl	180	J	390	64
91-58-7	2-Chloronaphthalene	390	U	390	55
88-74-4	2-Nitroaniline	790	U	790	110
606-20-2	2,6-Dinitrotoluene	79	U	79	9.9
131-11-3	Dimethyl phthalate	390	U	390	53
208-96-8	Acenaphthylene	390	U	390	56
99-09-2	3-Nitroaniline	790	U	790	88
83-32-9	Acenaphthene	390	U	390	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST1-E (15-15.5) | Lab Sample ID: 460-24277-9

Matrix: Solid | Lab File ID: u66367.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:40

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 07:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	100
51-28-5	2,4-Dinitrophenol	1200	U	1200	83
132-64-9	Dibenzofuran	390	U	390	59
84-66-2	Diethyl phthalate	390	U	390	52
86-73-7	Fluorene	390	U	390	66
206-44-0	Fluoranthene	390	U	390	65
84-74-2	Di-n-butyl phthalate	390	U	390	60
121-14-2	2,4-Dinitrotoluene	79	U	79	11
7005-72-3	4-Chlorophenyl phenyl ether	390	U	390	67
100-01-6	4-Nitroaniline	790	U	790	80
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	190
101-55-3	4-Bromophenyl phenyl ether	390	U	390	69
1912-24-9	Atrazine	390	U	390	73
120-12-7	Anthracene	390	U	390	69
86-74-8	Carbazole	390	U	390	62
85-01-8	Phenanthrene	450		390	68
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	72	J	390	67
218-01-9	Chrysene	390	U	390	57
207-08-9	Benzo[k]fluoranthene	39	U	39	5.5
191-24-2	Benzo[g,h,i]perylene	390	U	390	41
205-99-2	Benzo[b]fluoranthene	39	U	39	5.8
50-32-8	Benzo[a]pyrene	39	U *	39	4.8
56-55-3	Benzo[a]anthracene	39	U	39	7.2
86-30-6	N-Nitrosodiphenylamine	390	U	390	64
85-68-7	Butyl benzyl phthalate	390	U	390	45
117-81-7	Bis(2-ethylhexyl) phthalate	390	U	390	52
117-84-0	Di-n-octyl phthalate	390	U	390	46
193-39-5	Indeno[1,2,3-cd]pyrene	39	U	39	6.2
53-70-3	Dibenz(a,h)anthracene	39	U	39	4.7
91-94-1	3,3'-Dichlorobenzidine	790	U	790	86
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	78

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST1-E (15-15.5) Lab Sample ID: 460-24277-9

Matrix: Solid Lab File ID: u66367.d

Analysis Method: 8270C Date Collected: 03/17/2011 14:40

Extract. Method: 3541 Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.02(g) Date Analyzed: 03/30/2011 07:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	104		10-120
367-12-4	2-Fluorophenol	72		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST1-E (15-15.5) | Lab Sample ID: 460-24277-9

Matrix: Solid | Lab File ID: u66367.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:40

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 07:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 48500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	4.49	1600	J
	Unknown Alkane-2	4.57	1700	J
	Unknown Alkane-3	4.94	2900	J
	Unknown Alkane-4	5.11	2400	J
	Unknown Alkane-5	5.40	2200	J
	Unknown Alkane-6	5.55	1900	J
	Unknown Alkane-7	5.69	4000	J
	Dimethylnaphthalene isomer	5.77	1500	J
575-41-7	1,3-Dimethylnaphthalene	5.85	1800	
	Unknown-2	5.87	2000	J
	Unknown Alkane-8	6.00	3800	J
	Unknown-3	6.08	1900	J
	Unknown Alkane-9	6.20	3100	J
	Trimethylnaphthalene isomer-1	6.30	1700	J
	Trimethylnaphthalene isomer-2	6.43	1700	J
	Trimethylnaphthalene isomer-3	6.50	1900	J
	Trimethylnaphthalene isomer-4	6.52	1600	J
	Unknown Alkane-10	6.70	2800	J
	Unknown Alkane-11	6.91	2700	J
	Unknown Alkane-12	7.17	5300	J

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66367.d
Report Date: 30-Mar-2011 12:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66367.d
Lab Smp Id: 460-24277-F-9-A Client Smp ID: PMP-10-ST1-E (15-15
Inj Date : 30-MAR-2011 07:05
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-9-A
Misc Info : 460-24277-F-9-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	15.24590	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.921	1.911	(0.624)	371644	71.5289	5600
$ 17 Phenol-d5 (SUR)	99	2.802	2.814	(0.910)	547154	82.0572	6400
* 79 1,4-Dichlorobenzene-d4	152	3.080	3.080	(1.000)	201881	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.677	3.696	(0.835)	380435	40.4879	3200
* 80 Naphthalene-d8	136	4.404	4.412	(1.000)	588299	40.0000	
31 Naphthalene	128	4.426	4.434	(1.005)	85661	5.68019	450
34 2-Methylnaphthalene	142	5.143	5.137	(1.168)	63523	5.68994	450
120 1-Methylnaphthalene	142	5.232	5.234	(1.188)	96765	8.50245	670(a)
$ 77 2-Fluorobiphenyl (SUR)	172	5.529	5.529	(0.897)	571947	42.0053	3300
102 Diphenyl	154	5.614	5.619	(0.911)	37506	2.25940	180(a)
125 1,3-Dimethylnaphthalene	156	5.850	5.847	(0.949)	220808	23.4120	1800
* 82 Acenaphthene-d10	164	6.163	6.160	(1.000)	439250	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.948	6.941	(1.127)	243598	103.841	8200

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66367.d
Report Date: 30-Mar-2011 12:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 83 Phenanthrene-d10	188	7.603	7.592	(1.000)	724693	40.0000	
52 Phenanthrene	178	7.624	7.621	(1.003)	119549	5.78493	450
57 Pyrene	202	8.972	8.972	(0.885)	16215	0.91219	72(a)
$ 78 Terphenyl-d14	244	9.154	9.156	(0.903)	597258	41.1648	3200
* 81 Chrysene-d12	240	10.137	10.146	(1.000)	589343	40.0000	
* 84 Perylene-d12	264	11.650	11.655	(1.000)	400916	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66367.d
Report Date: 30-Mar-2011 12:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66367.d
Lab Smp Id: 460-24277-F-9-A Client Smp ID: PMP-10-ST1-E (15-15
Inj Date : 30-MAR-2011 07:05
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-9-A
Misc Info : 460-24277-F-9-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	15.24590	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	4.404	2747063	40.000
* 82 Acenaphthene-d10	6.163	2918869	40.000
* 83 Phenanthrene-d10	7.603	4807202	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1					CAS #:		
4.486	1422790	20.7172574	1600	0		0	80

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66367.d
Report Date: 30-Mar-2011 12:17

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2					CAS #:		
4.568	1508682	21.9679236	1700	0		0	80
Unknown Alkane-3					CAS #:		
4.944	2534815	36.9094545	2900	0		0	80
Unknown Alkane-4					CAS #:		
5.114	2090873	30.4452092	2400	0		0	80
Unknown Alkane-5					CAS #:		
5.403	2045290	28.0285156	2200	0		0	82
Unknown-1					CAS #:		
5.485	1406678	19.2770198	1500	0		0	82(L)
Unknown Alkane-6					CAS #:		
5.549	1773410	24.3026901	1900	0		0	82
Unknown Alkane-7					CAS #:		
5.687	3726913	51.0733632	4000	0		0	82
Dimethylnaphthalene isomer					CAS #:		
5.772	1423902	19.5130643	1500	0		0	82
Unknown-2					CAS #:		
5.870	1827927	25.0497882	2000	0		0	82
Unknown Alkane-8					CAS #:		
6.004	3549570	48.6430776	3800	0		0	82
Unknown-3					CAS #:		
6.080	1747466	23.9471637	1900	0		0	82
Unknown Alkane-9					CAS #:		
6.205	2850005	39.0562749	3100	0		0	82
Trimethylnaphthalene isomer-1					CAS #:		
6.295	1557027	21.3373939	1700	0		0	82
Trimethylnaphthalene isomer-2					CAS #:		
6.427	1603218	21.9703919	1700	0		0	82
Trimethylnaphthalene isomer-3					CAS #:		
6.496	1778418	24.3713290	1900	0		0	82

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66367.d
Report Date: 30-Mar-2011 12:17

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
6.524	1490411	20.4244956	1600	0		0	82
Trimethylnaphthalene isomer-4					CAS #:		
6.698	2630307	36.0455571	2800	0		0	82
Unknown Alkane-10					CAS #:		
6.753	1276140	17.4881392	1400	0		0	82
Unknown-4					CAS #:		
6.913	4097942	34.0983533	2700	0		0	83
Unknown Alkane-11					CAS #:		
6.990	1506686	12.5369013	980	0		0	83
Unknown-5					CAS #:		
7.171	8075327	67.1935666	5300	0		0	83
Unknown Alkane-12					CAS #:		
7.262	1510224	12.5663411	990	0		0	83
Unknown-6					CAS #:		
7.339	1593046	13.2554939	1000	0		0	83
Unknown Alkane-13					CAS #:		
8.562	1396438	11.6195457	910	0		0	83
C16H14 PAH					CAS #:		
8.764	1257104	10.4601693	820	0		0	83
Unknown Alkane-14					CAS #:		

QC Flag Legend

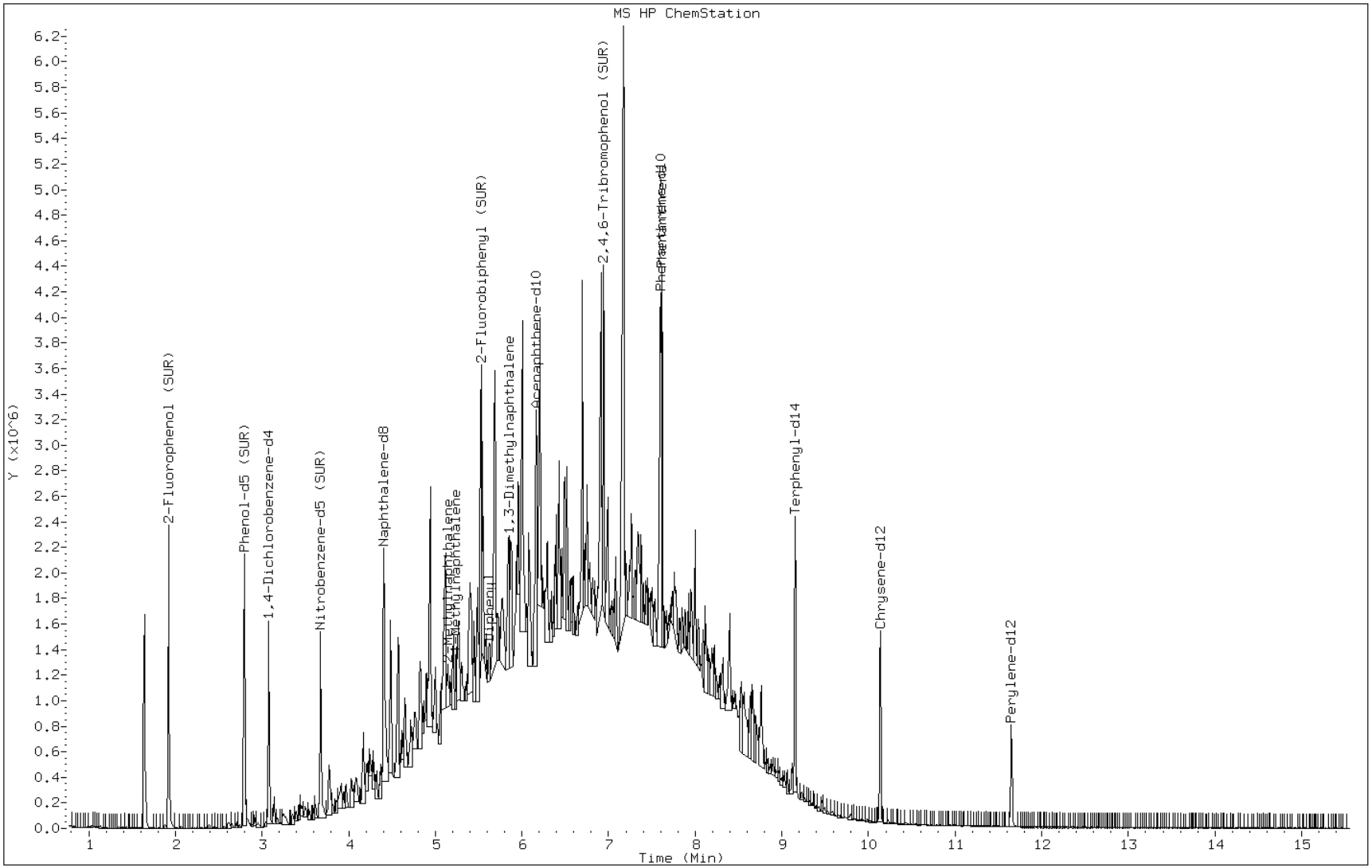
L - Operator selected an alternate library search match.

Data File: u66367.d

Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4



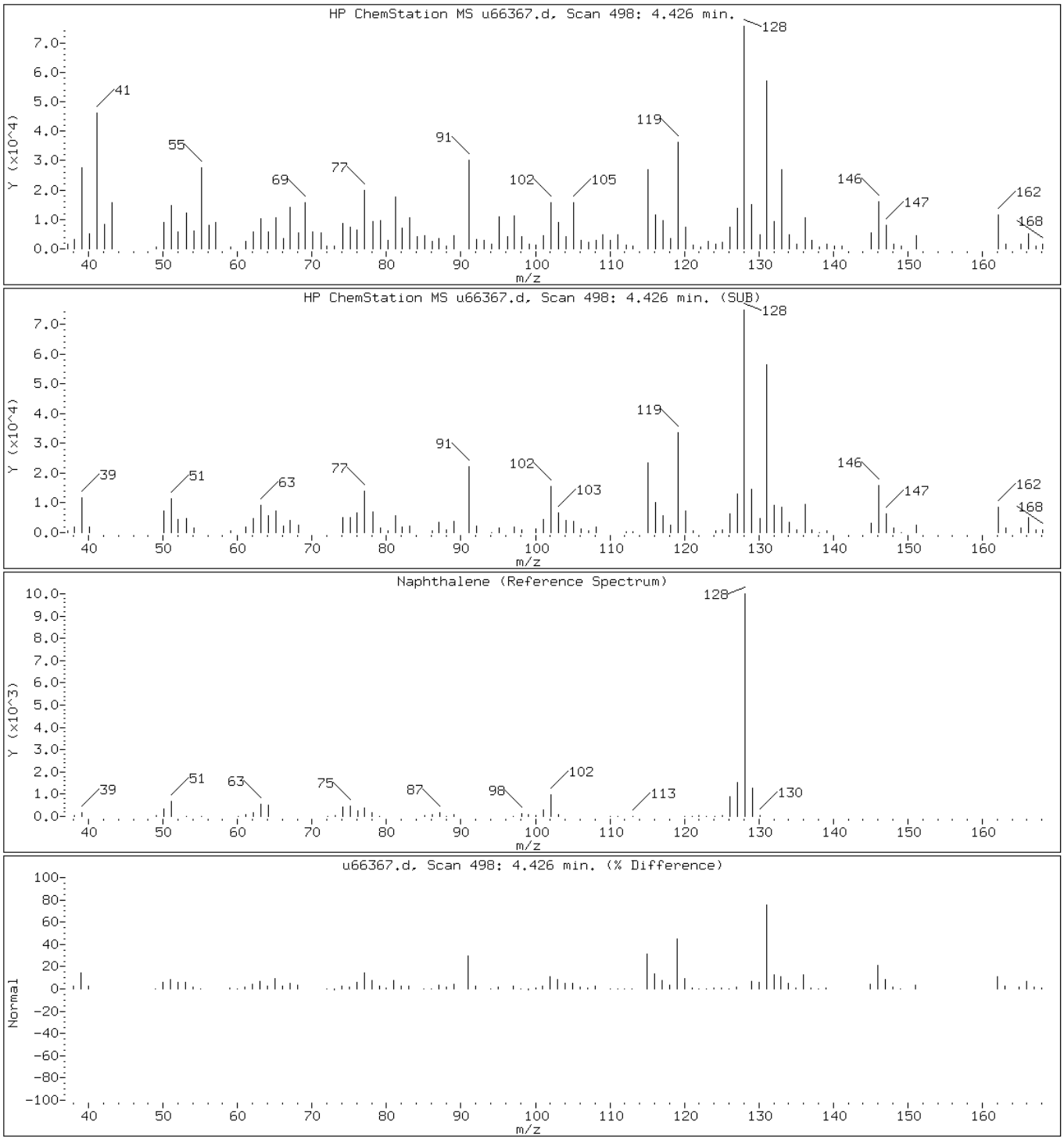
Data File: u66367.d

Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

31 Naphthalene



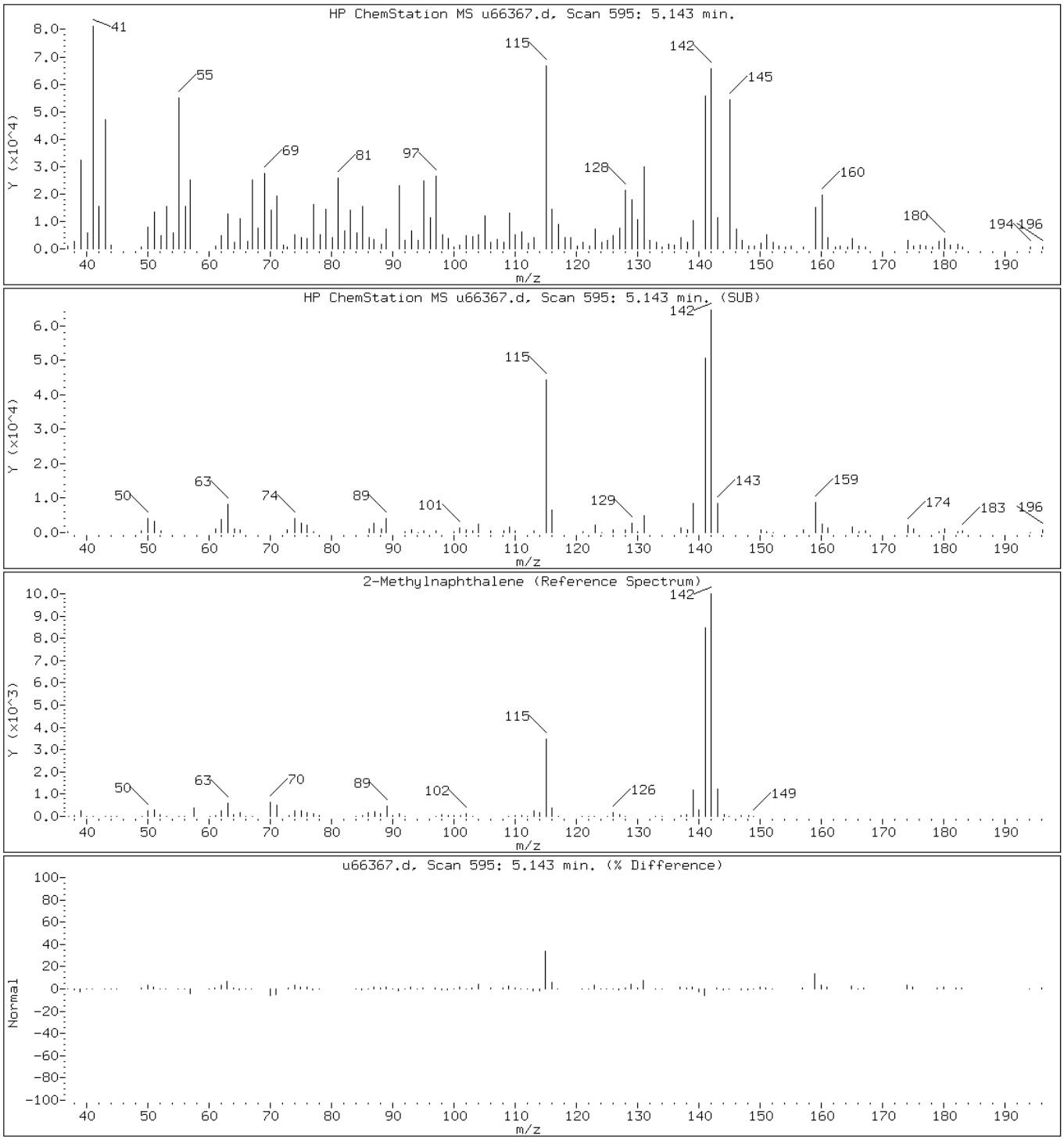
Data File: u66367.d

Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

34 2-Methylnaphthalene



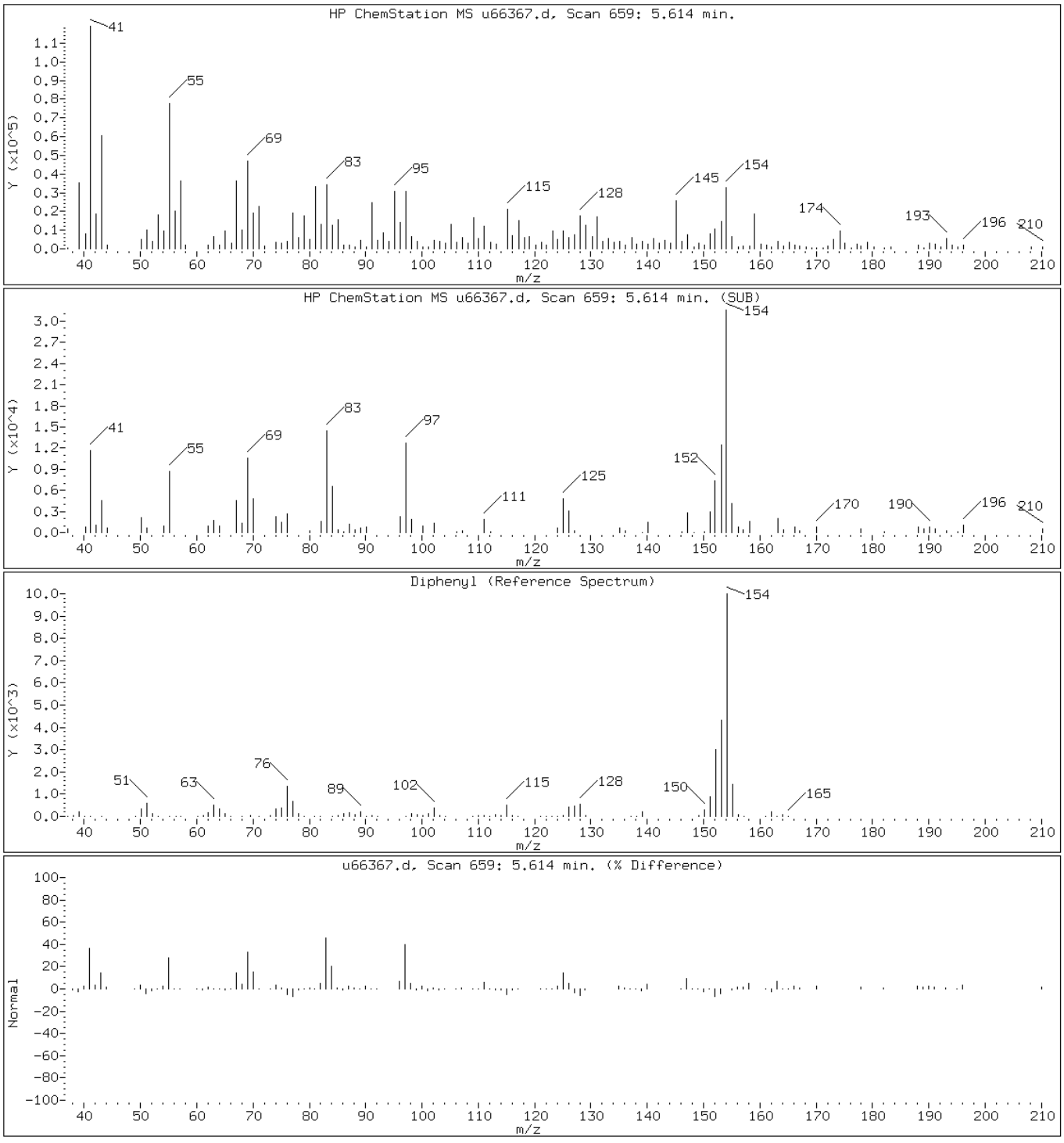
Data File: u66367.d

Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

102 Diphenyl



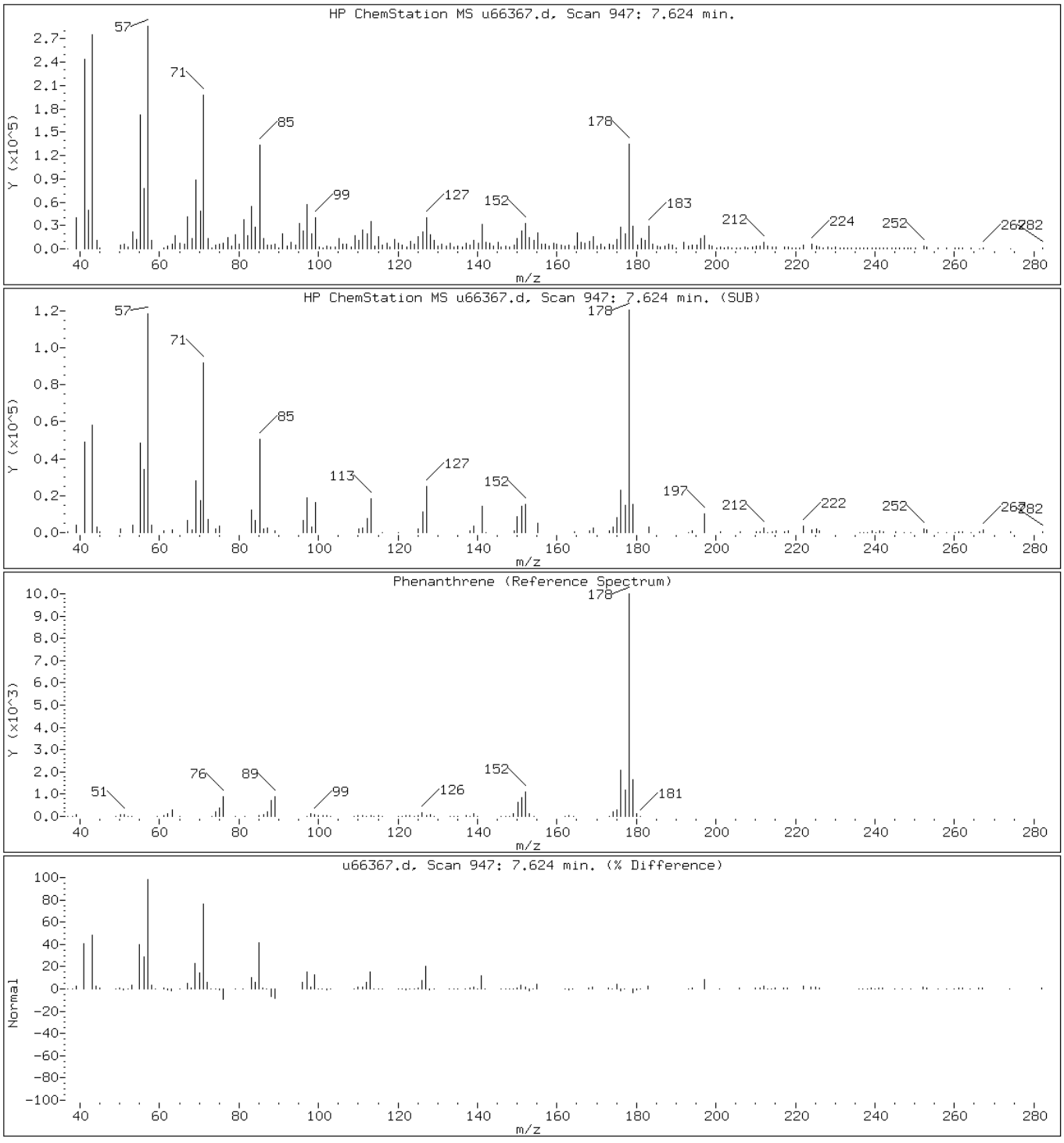
Data File: u66367.d

Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

52 Phenanthrene



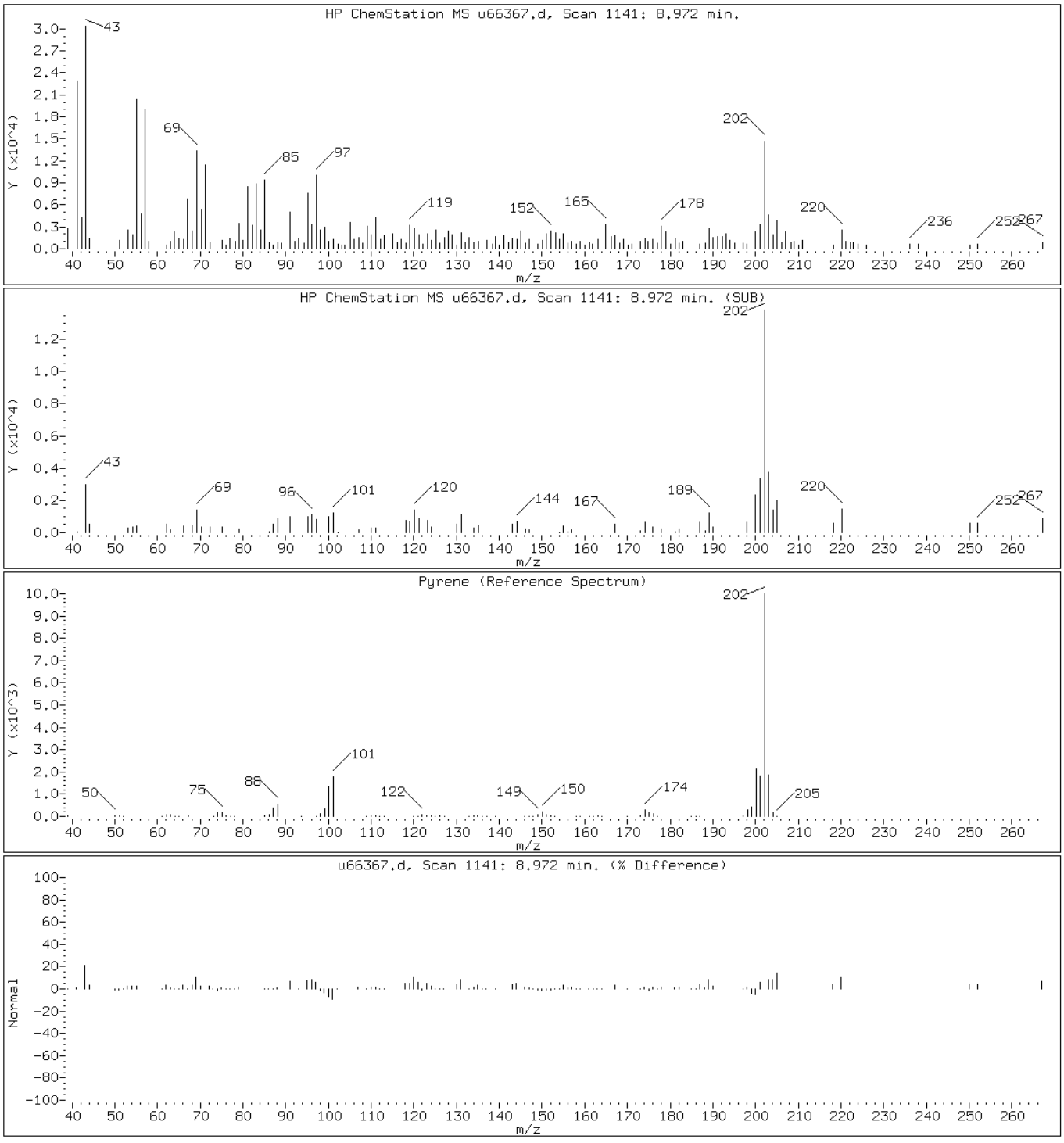
Data File: u66367.d

Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

57 Pyrene



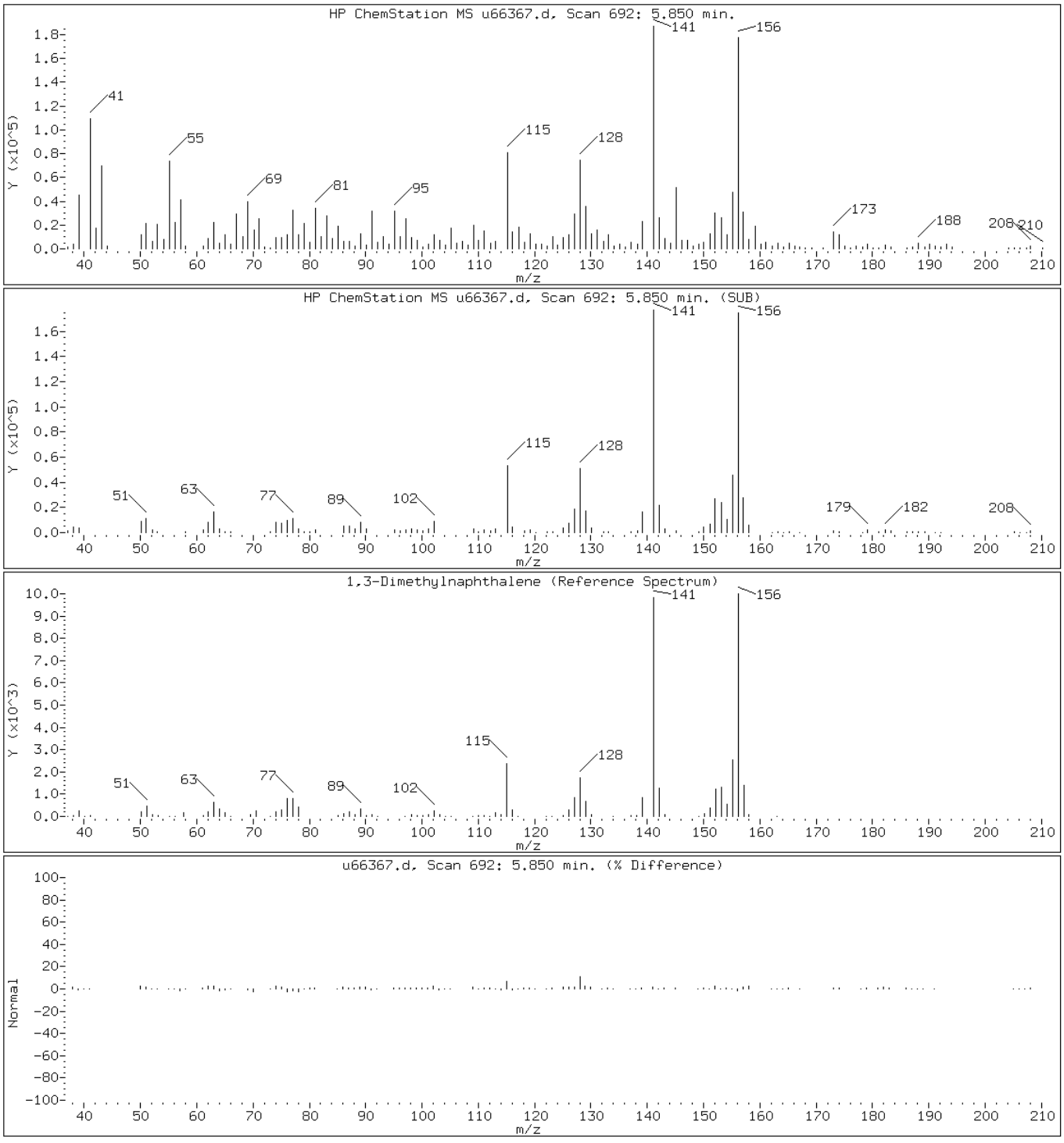
Data File: u66367.d

Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: u66367.d

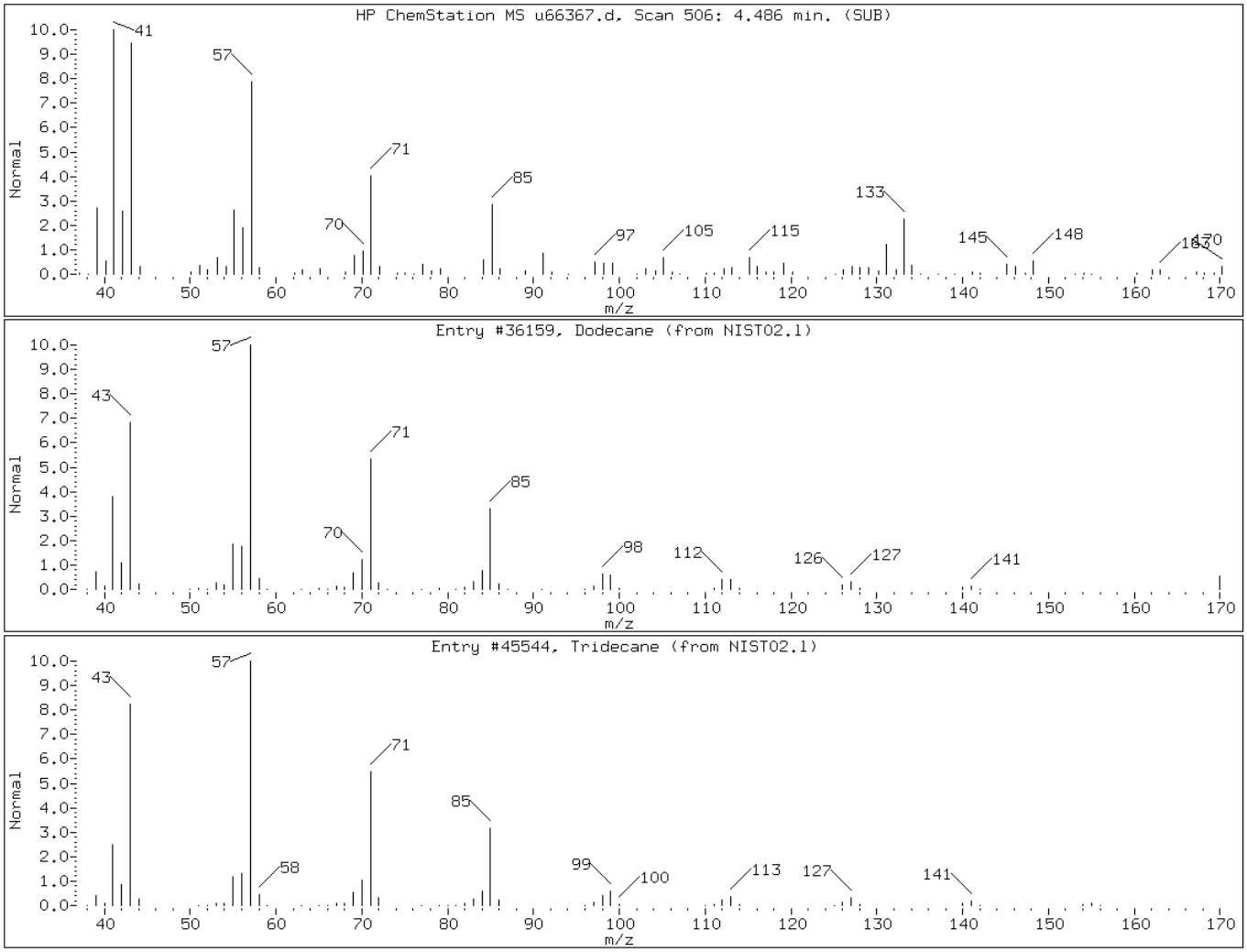
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 4.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane	112-40-3	NIST02.l	36159	50	C12H26	170
Tridecane	629-50-5	NIST02.l	45544	46	C13H28	184



Data File: u66367.d

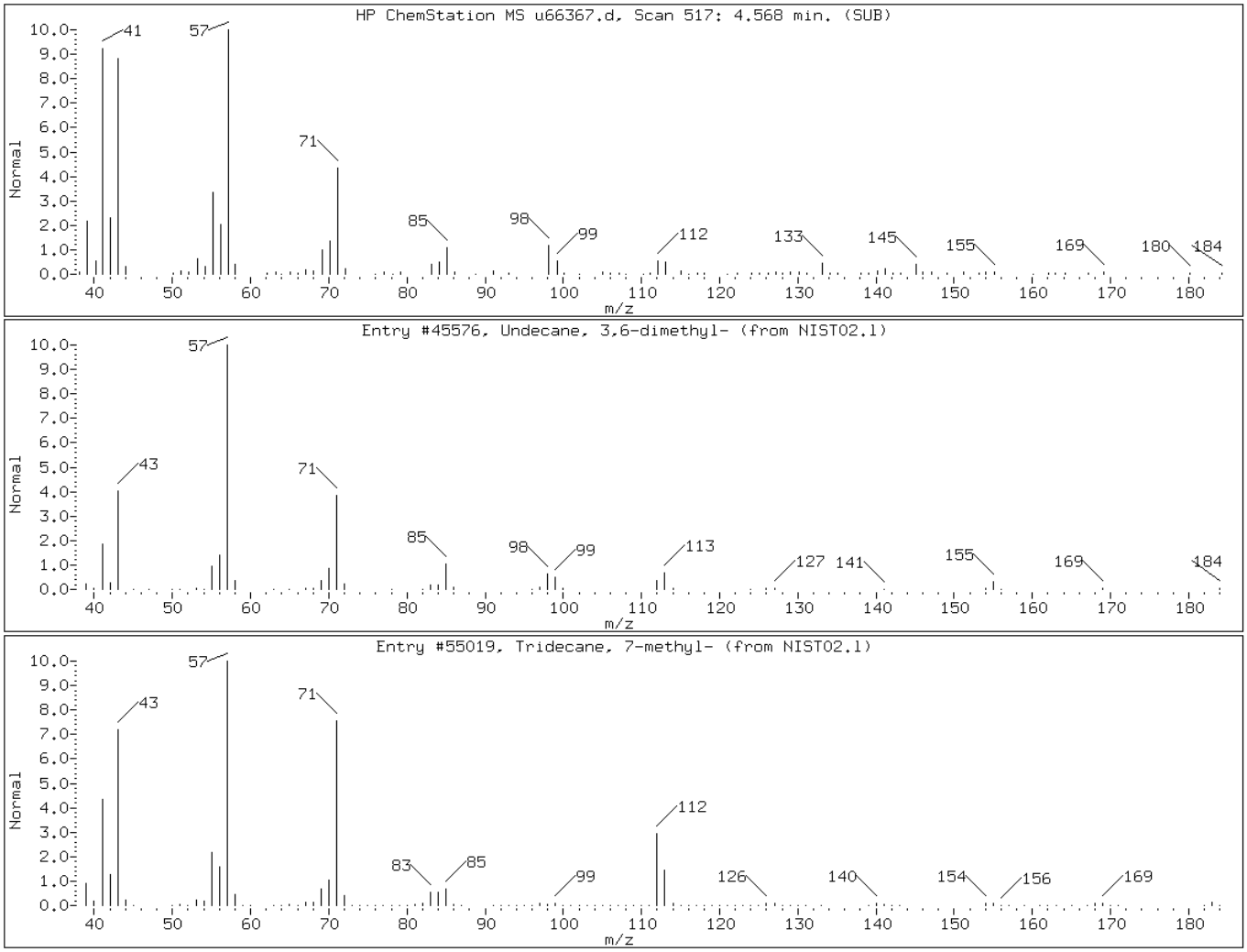
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 4.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	76	C13H28	184
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	64	C14H30	198



Data File: u66367.d

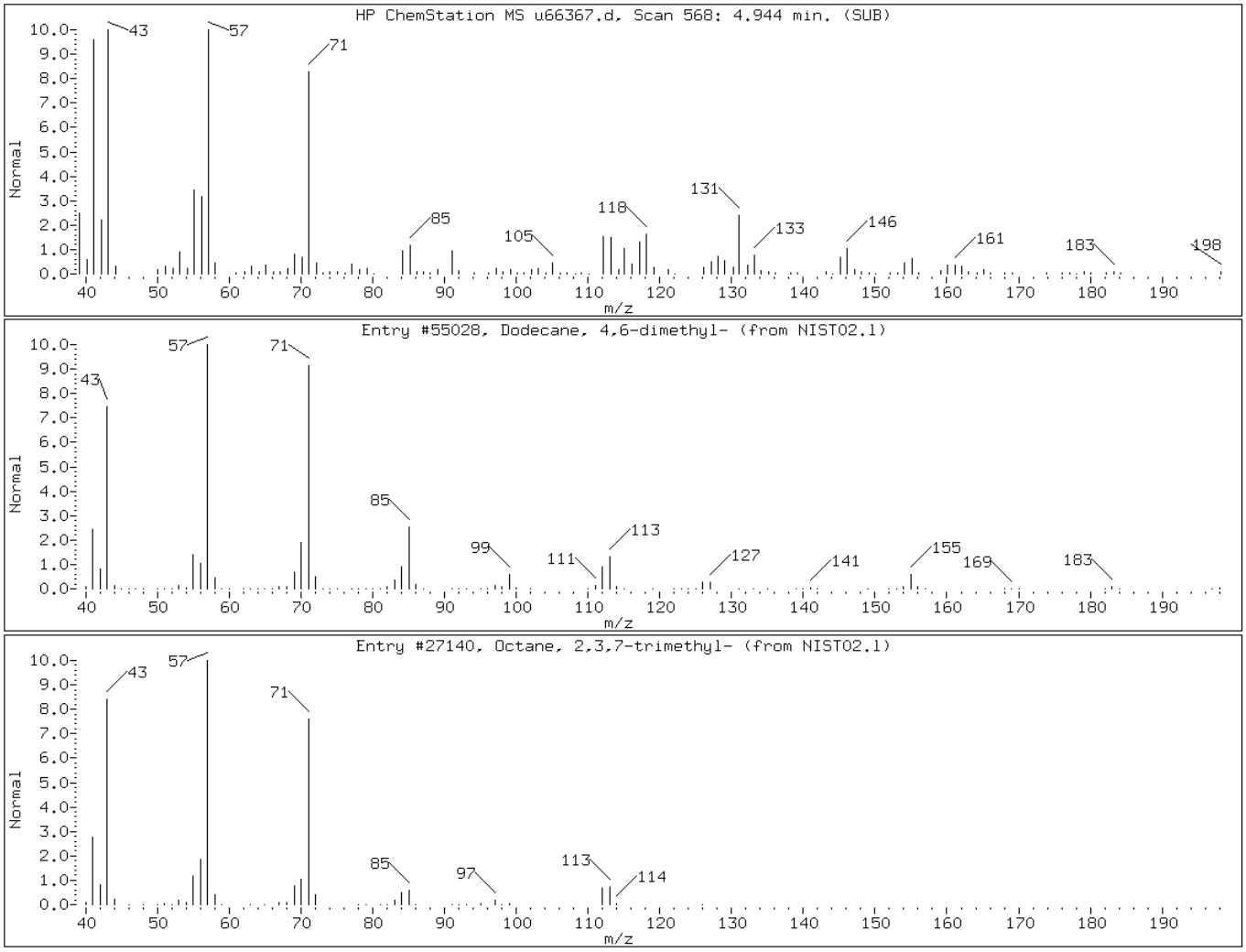
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 4.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.l	55028	83	C14H30	198
Octane, 2,3,7-trimethyl-	62016-34-6	NIST02.l	27140	53	C11H24	156



Data File: u66367.d

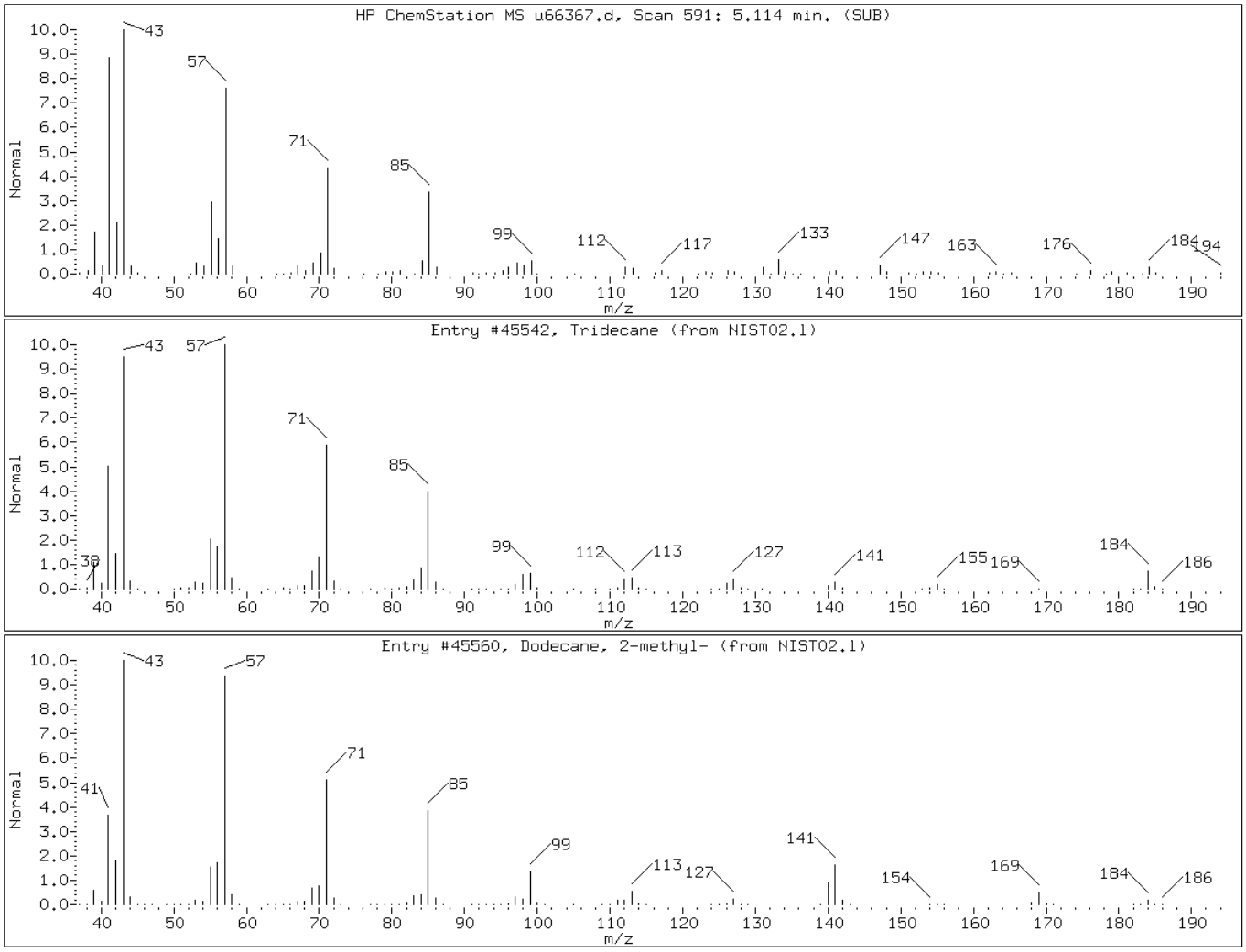
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 5.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane	629-50-5	NIST02.l	45542	81	C13H28	184
Dodecane, 2-methyl-	1560-97-0	NIST02.l	45560	72	C13H28	184



Data File: u66367.d

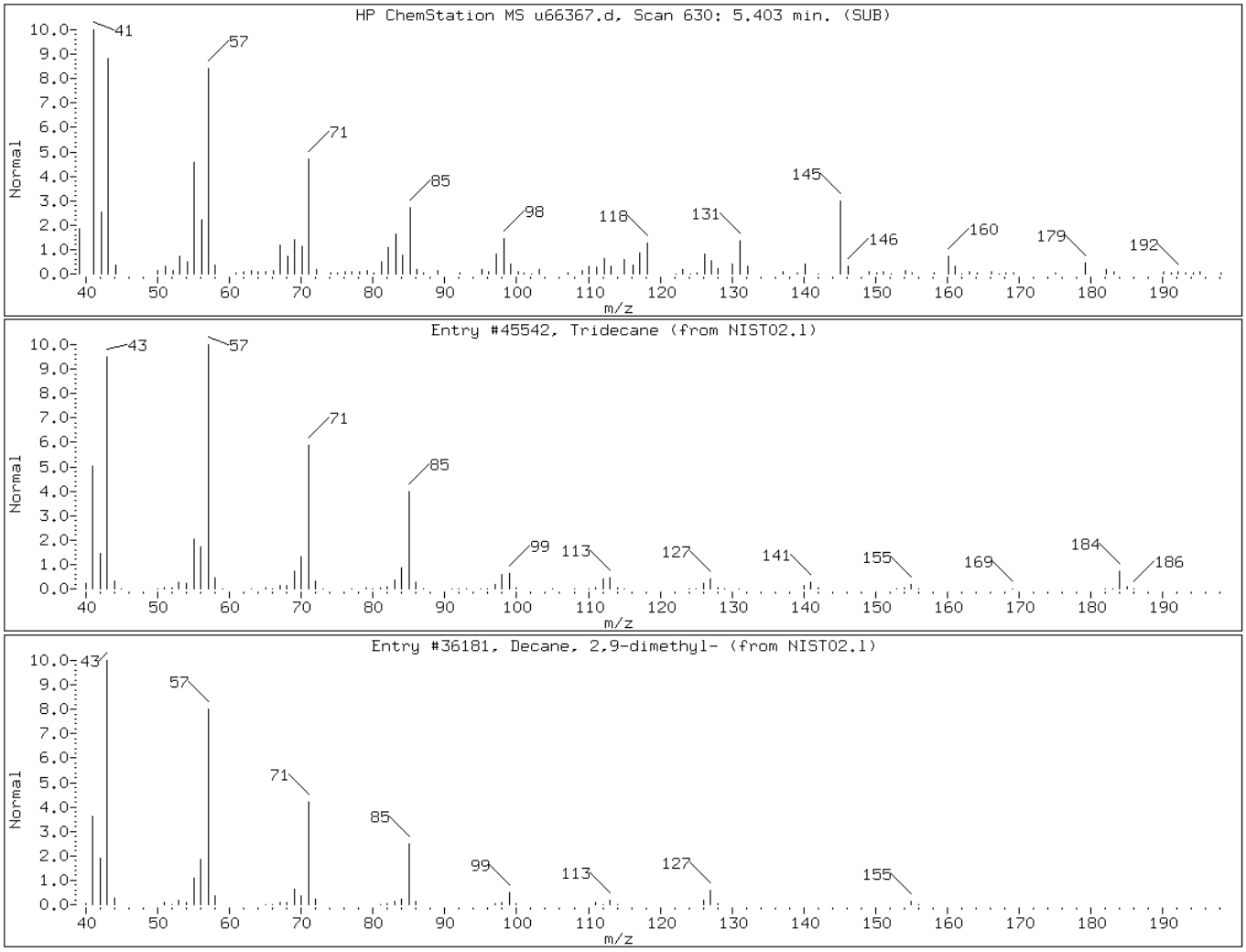
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 5.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tridecane	629-50-5	NIST02.l	45542	47	C13H28	184
Decane, 2,9-dimethyl-	1002-17-1	NIST02.l	36181	47	C12H26	170



Data File: u66367.d

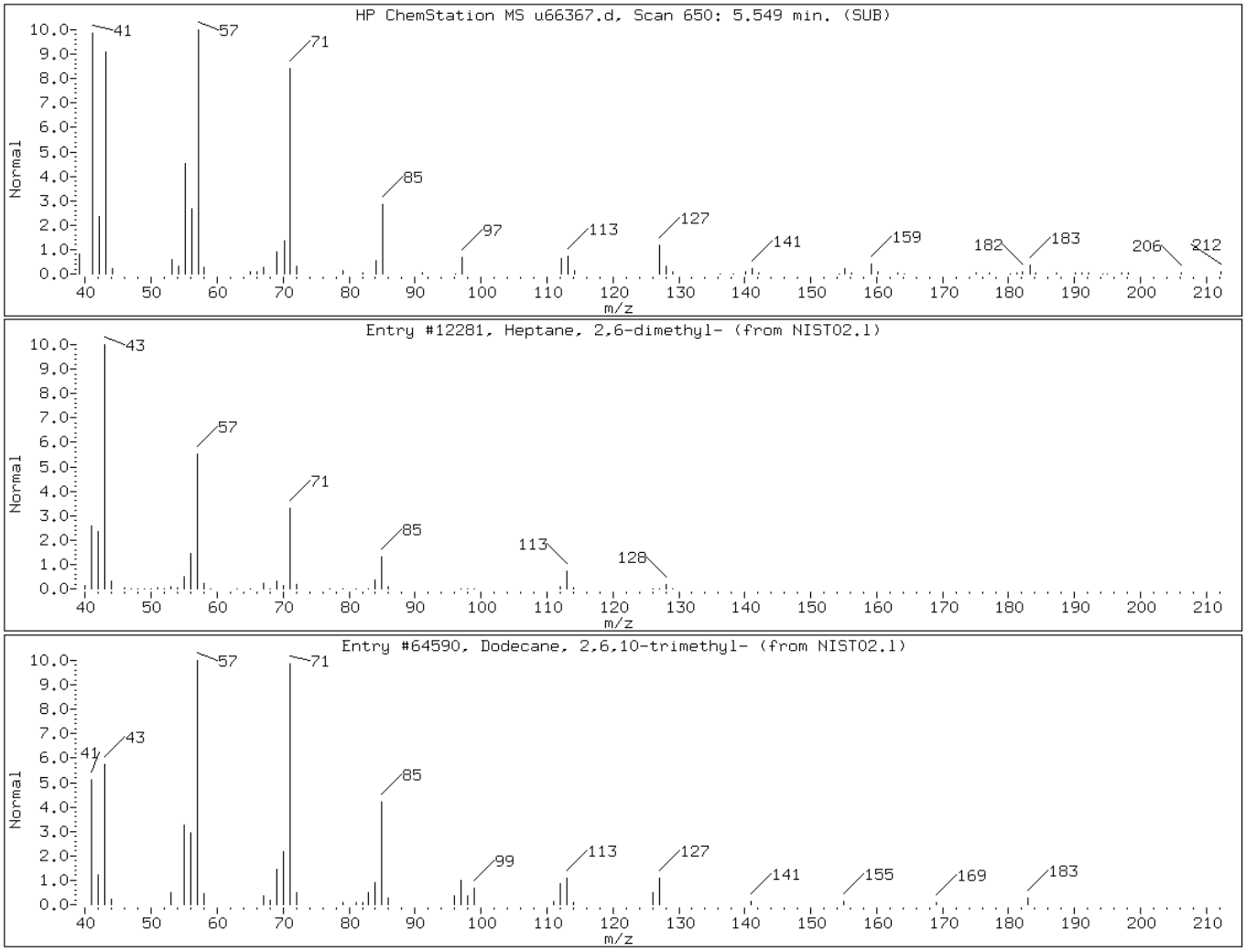
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 5.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Heptane, 2,6-dimethyl-	1072-05-5	NIST02.l	12281	59	C9H20	128
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	59	C15H32	212



Data File: u66367.d

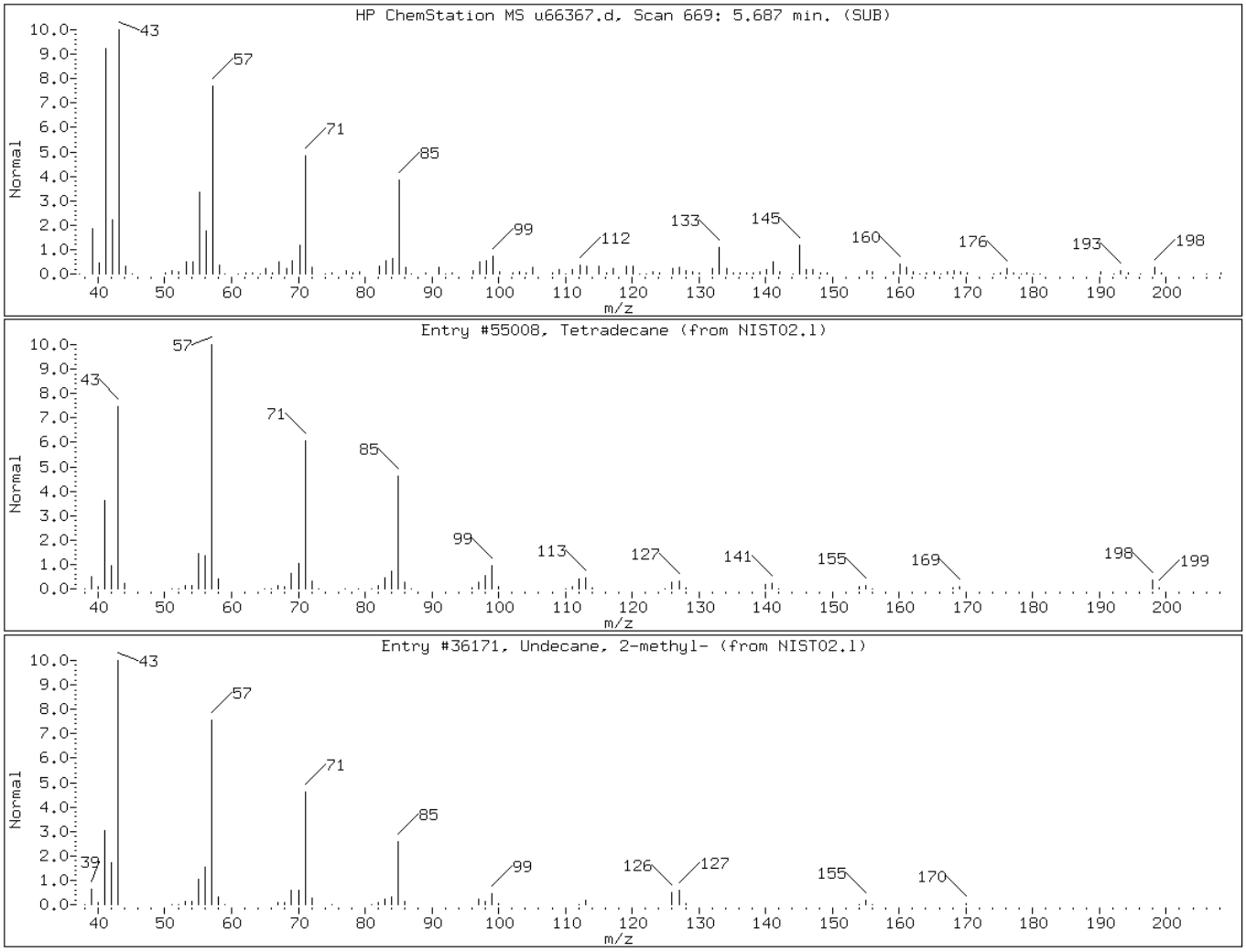
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 5.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetradecane	629-59-4	NIST02.l	55008	93	C14H30	198
Undecane, 2-methyl-	7045-71-8	NIST02.l	36171	76	C12H26	170



Data File: u66367.d

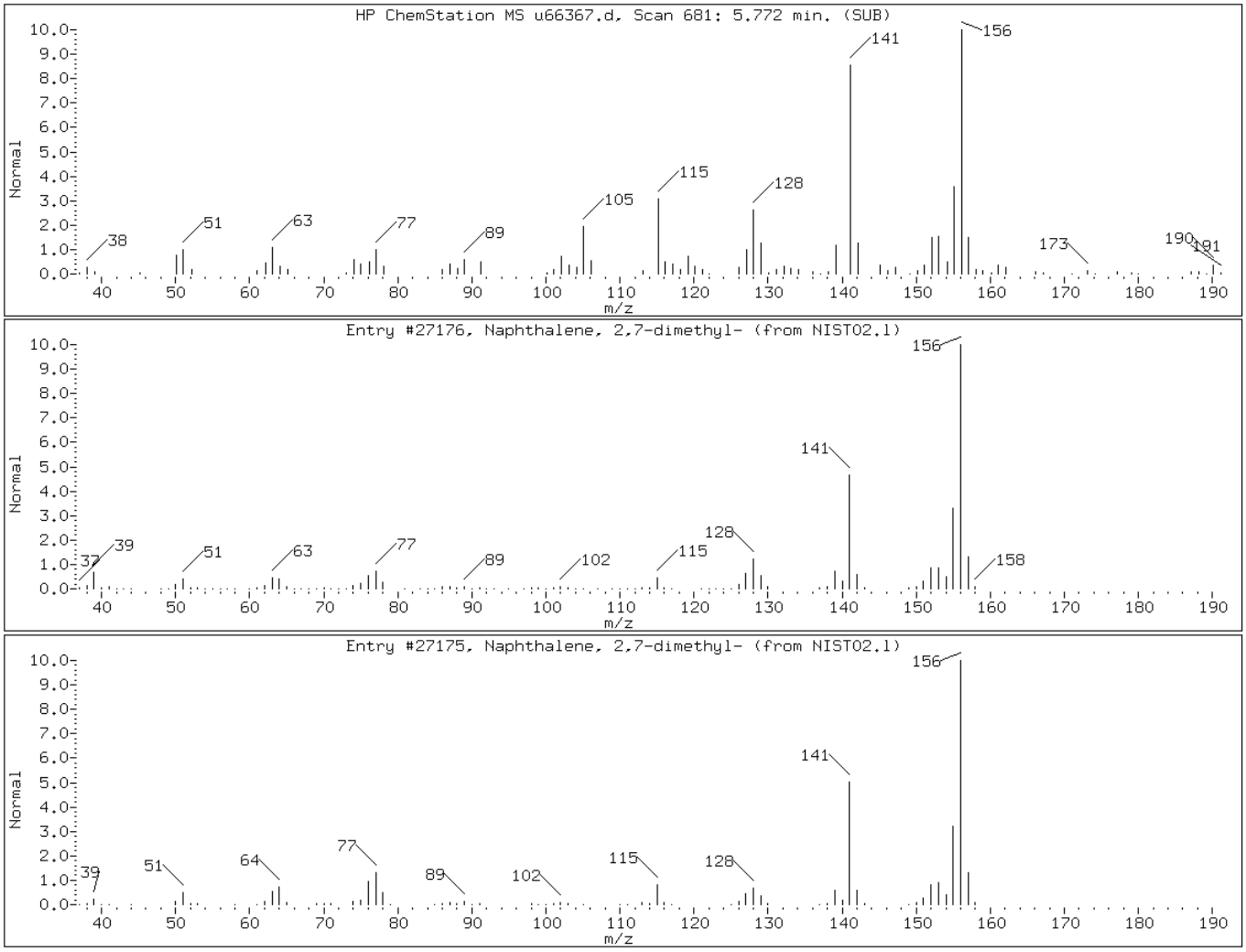
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 5.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27176	97	C12H12	156
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27175	95	C12H12	156



Data File: u66367.d

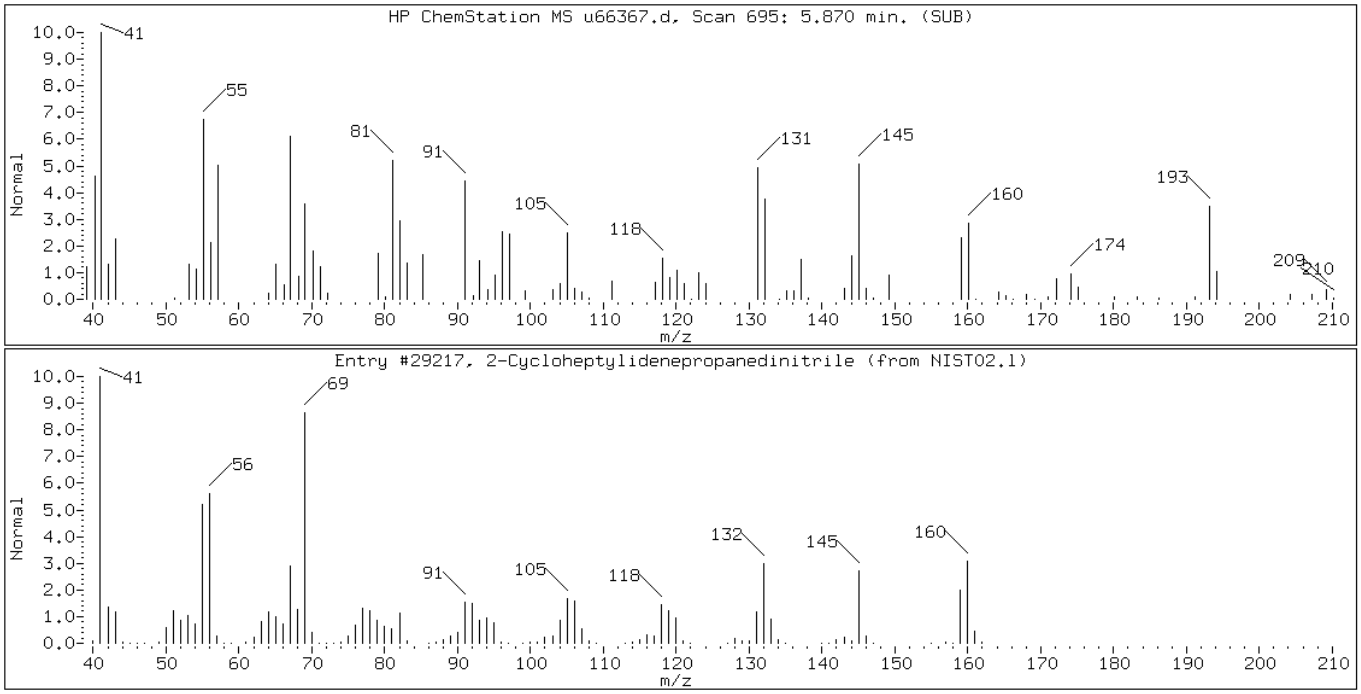
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 5.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
2-Cycloheptylidenepropanedinitrile	10394-94-2	NIST02.l	29217	22	C10H12N2	160



Data File: u66367.d

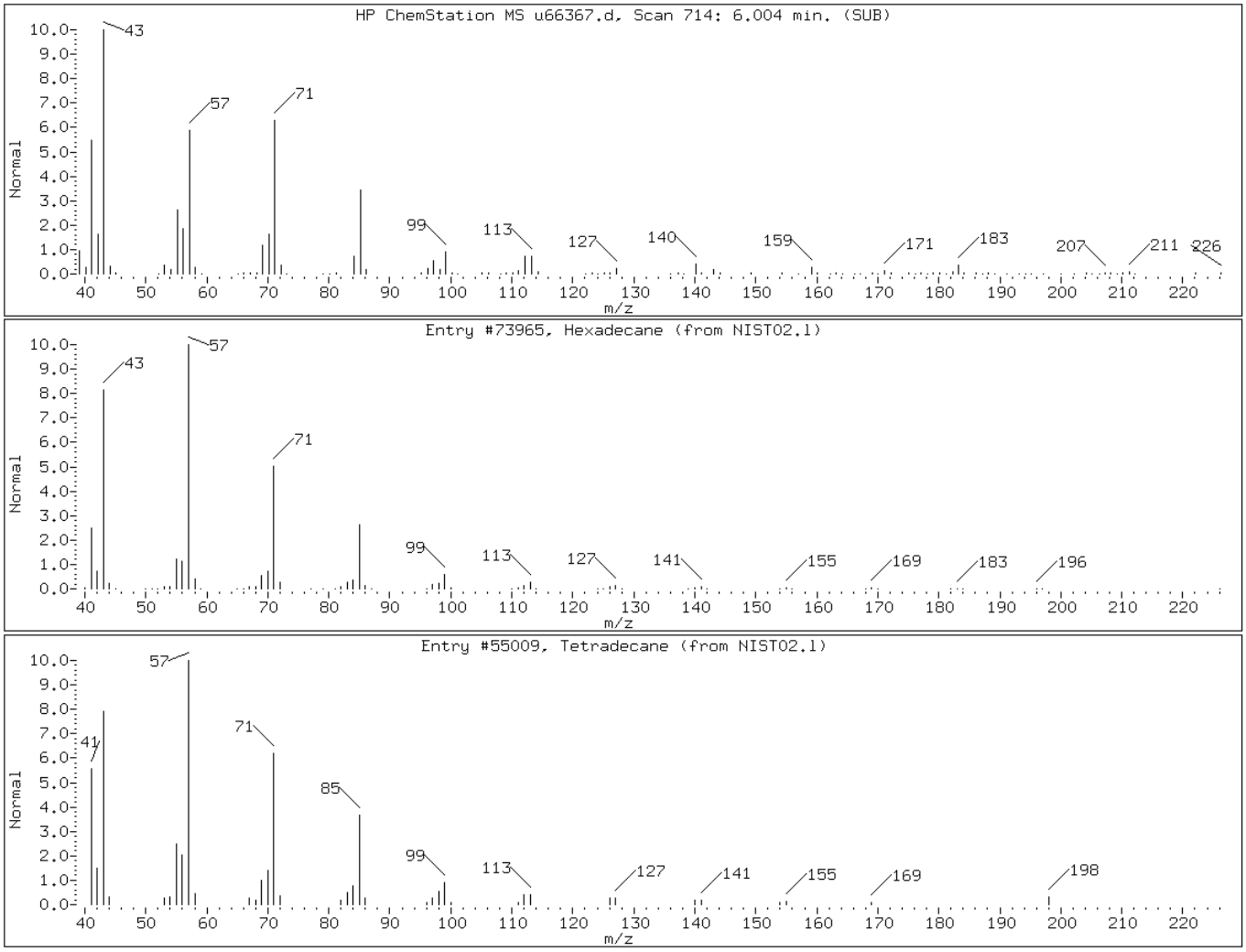
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 6.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Hexadecane	544-76-3	NIST02.l	73965	87	C16H34	226
Tetradecane	629-59-4	NIST02.l	55009	80	C14H30	198



Data File: u66367.d

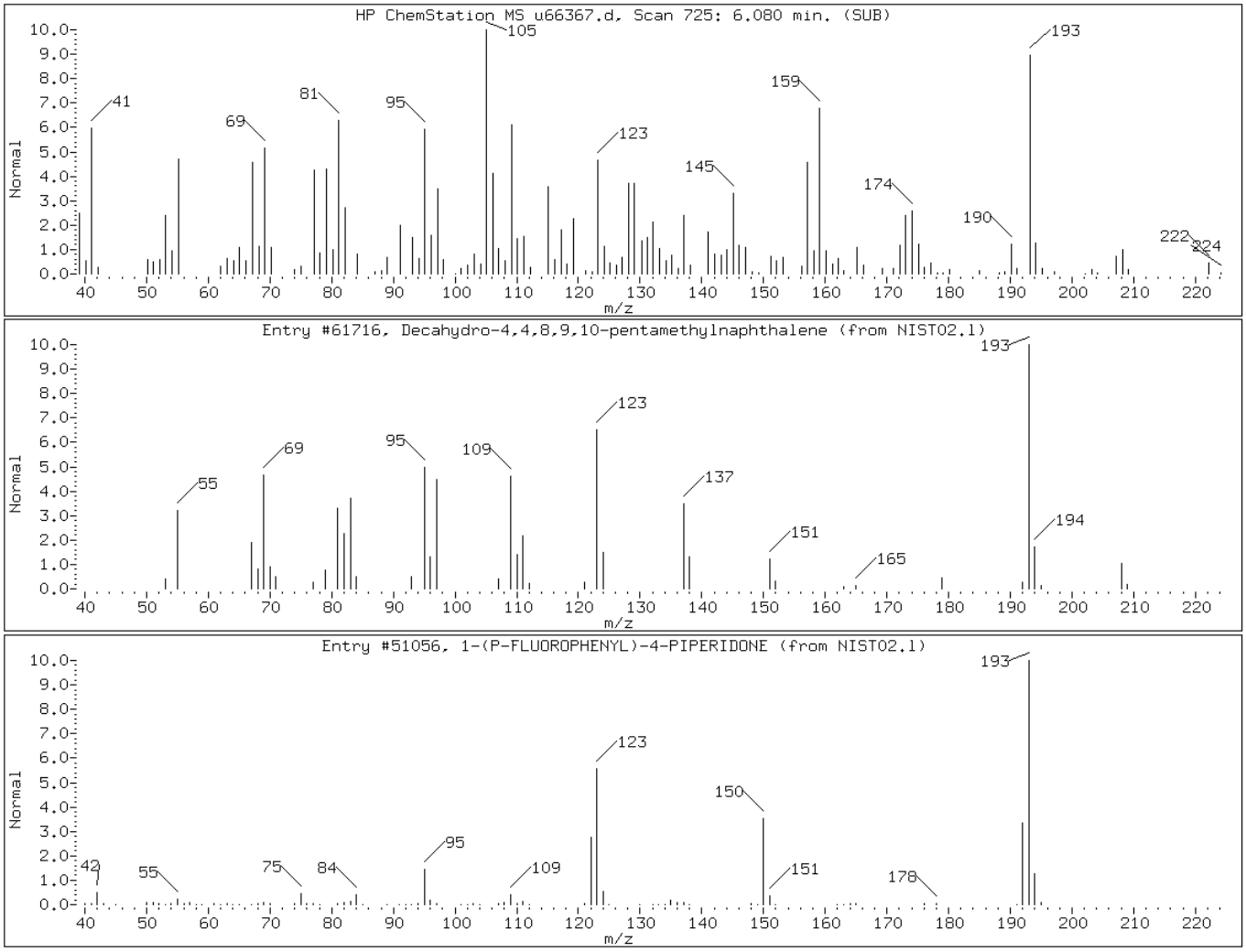
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 6.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	86	C15H28	208
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	27	C11H12FNO	193



Data File: u66367.d

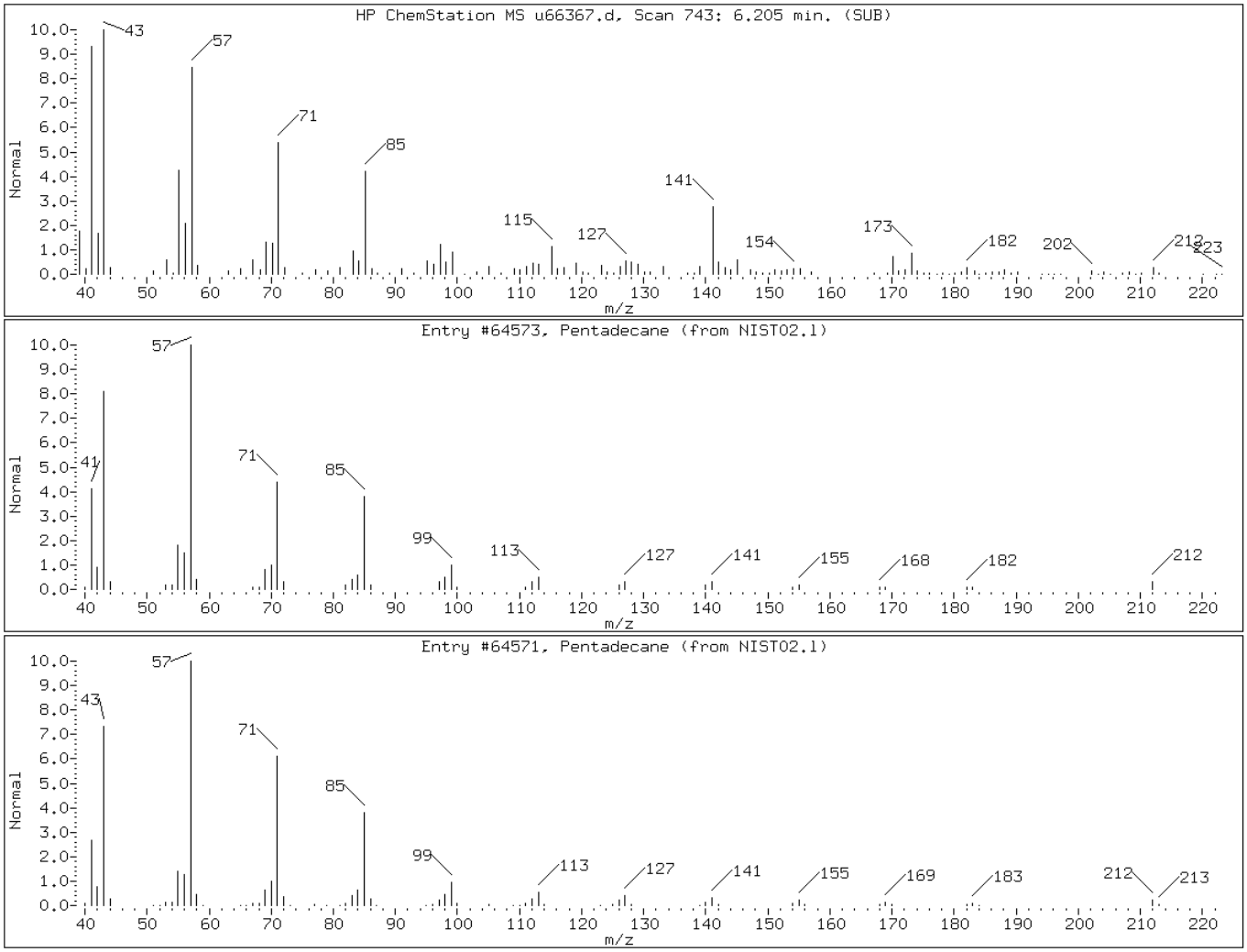
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 6.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Pentadecane	629-62-9	NIST02.l	64573	95	C15H32	212
Pentadecane	629-62-9	NIST02.l	64571	92	C15H32	212



Data File: u66367.d

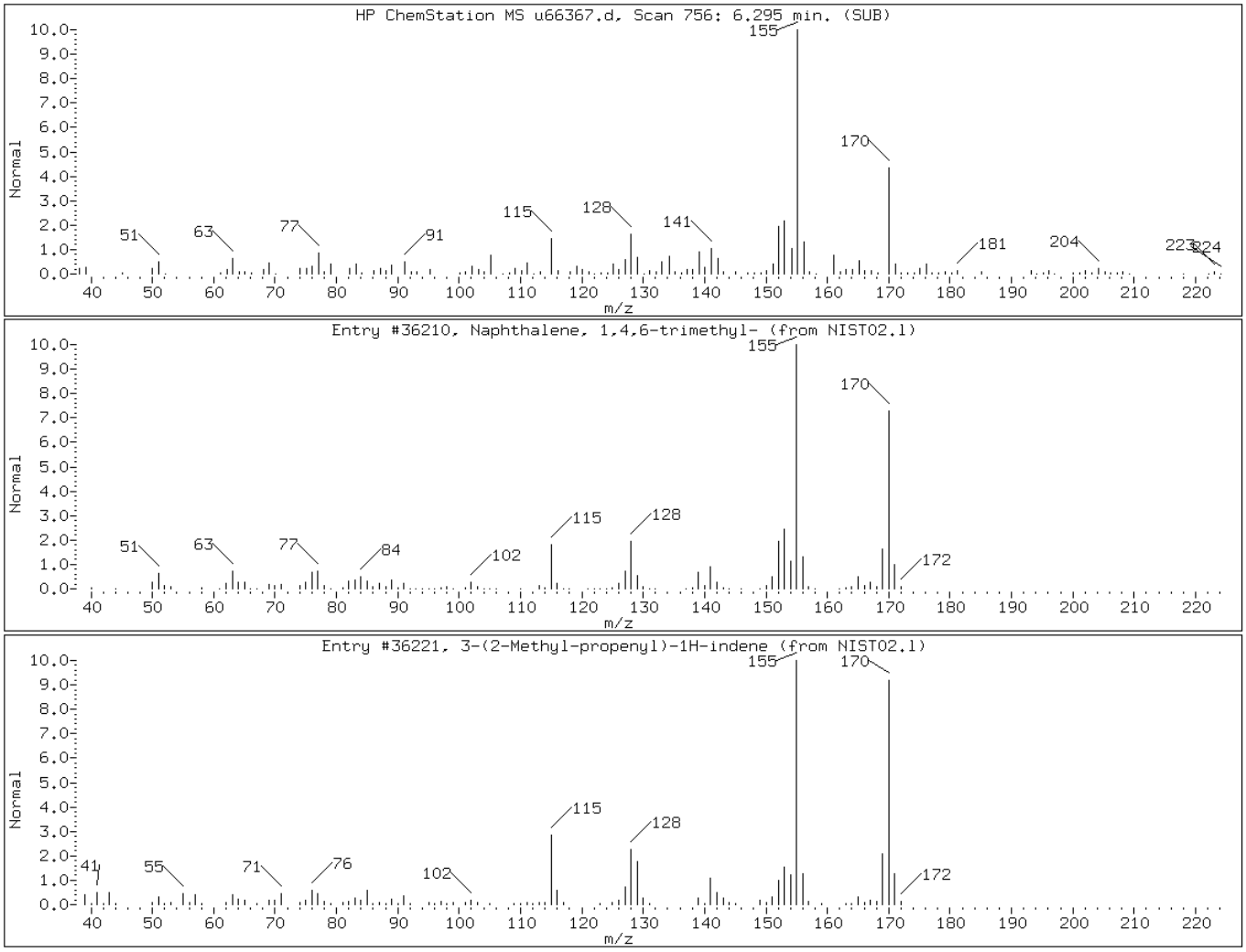
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 6.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	96	C13H14	170
3-(2-Methyl-propenyl)-1H-indene	1000187-78-5	NIST02.l	36221	90	C13H14	170



Data File: u66367.d

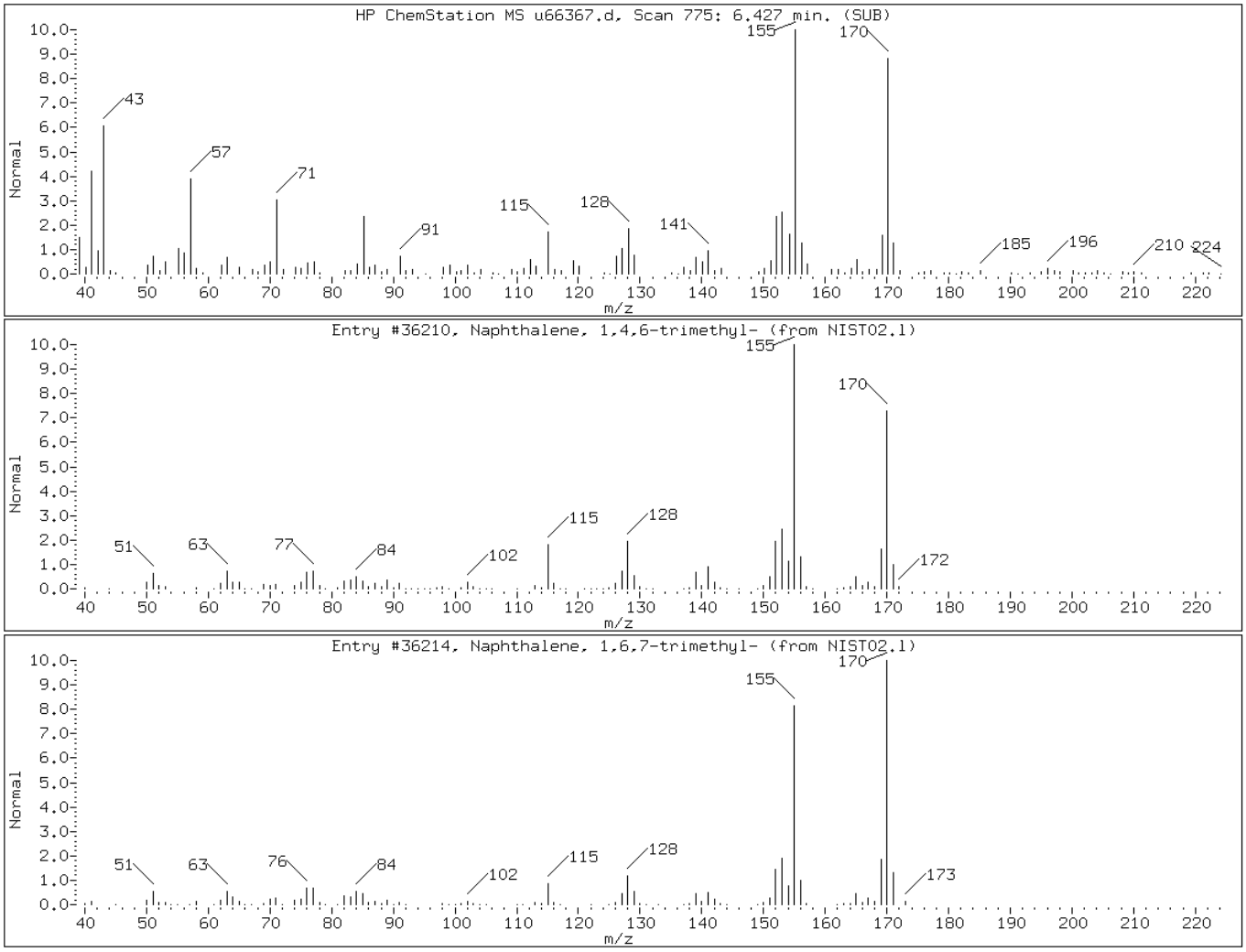
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 6.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	98	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	97	C13H14	170



Data File: u66367.d

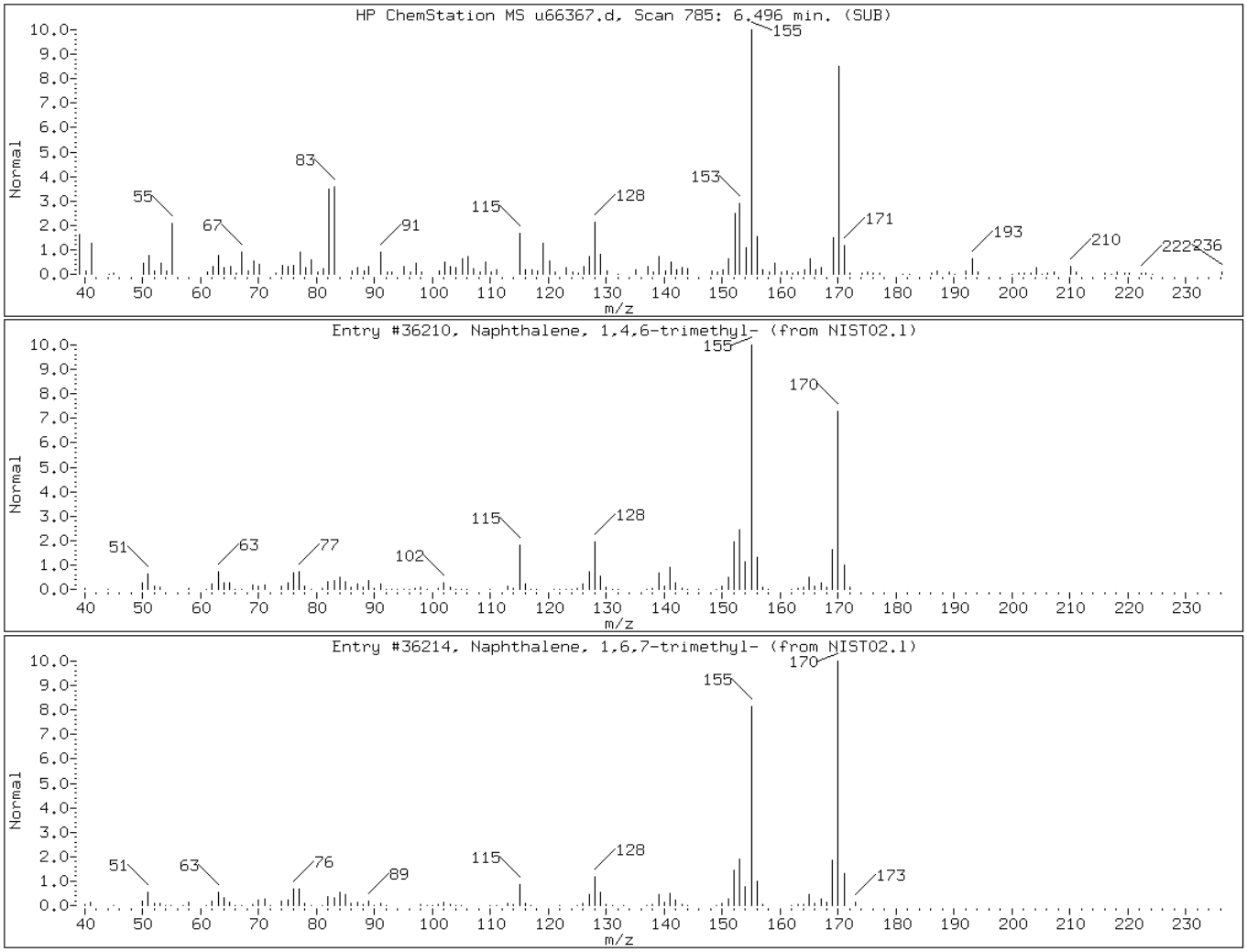
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 6.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-3						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	95	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	94	C13H14	170



Data File: u66367.d

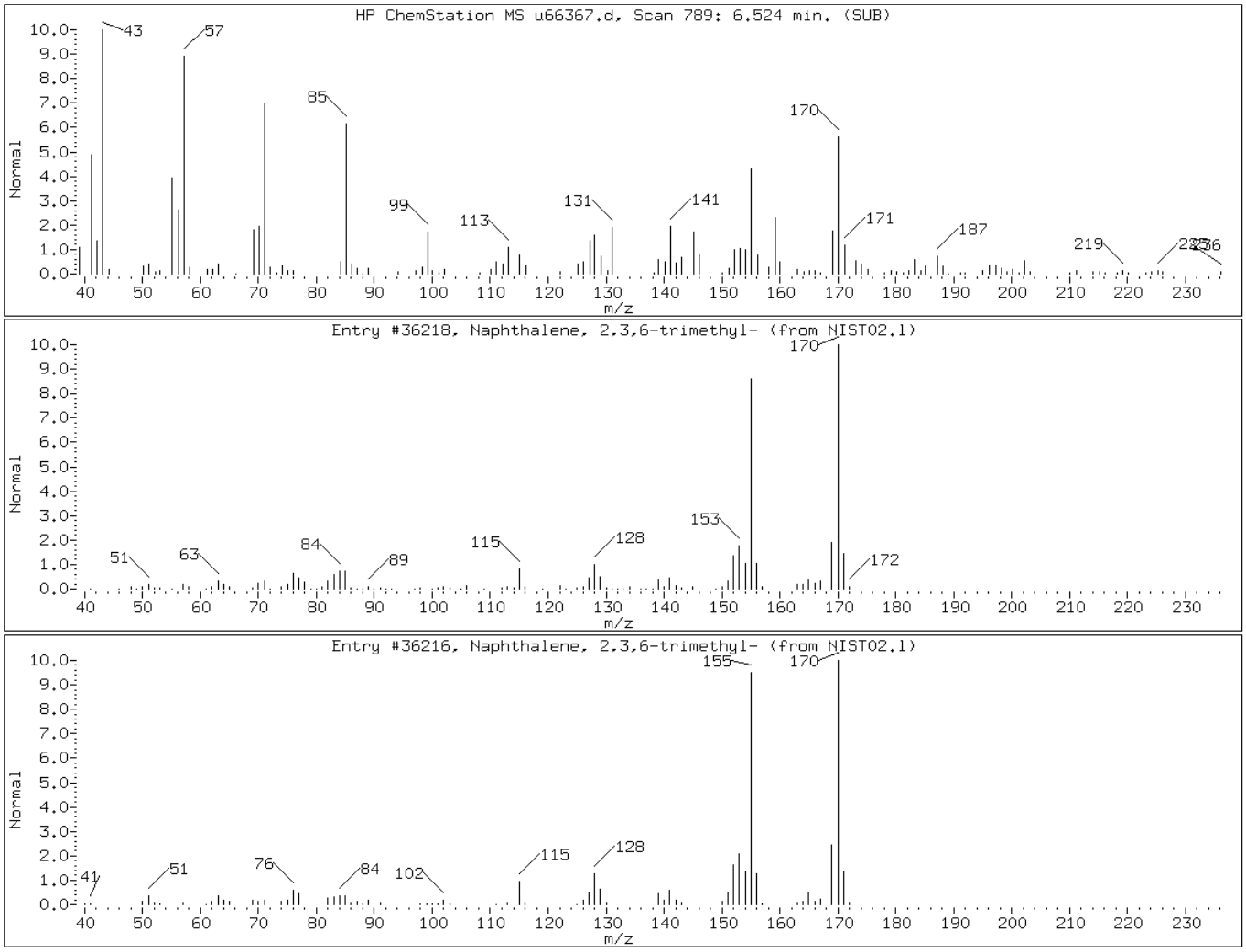
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 6.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-4						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	83	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	60	C13H14	170



Data File: u66367.d

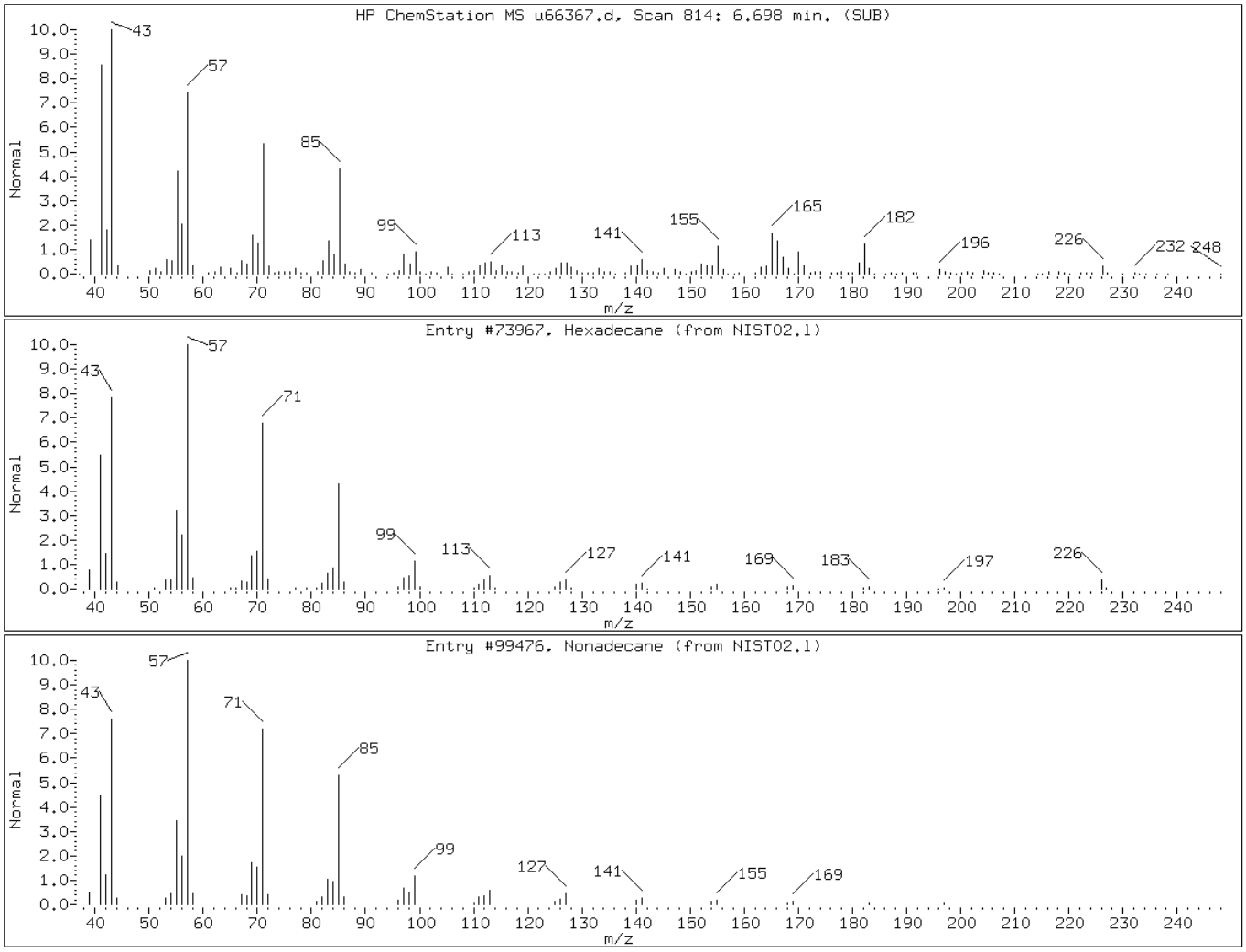
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 6.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Hexadecane	544-76-3	NIST02.l	73967	95	C16H34	226
Nonadecane	629-92-5	NIST02.l	99476	68	C19H40	268



Data File: u66367.d

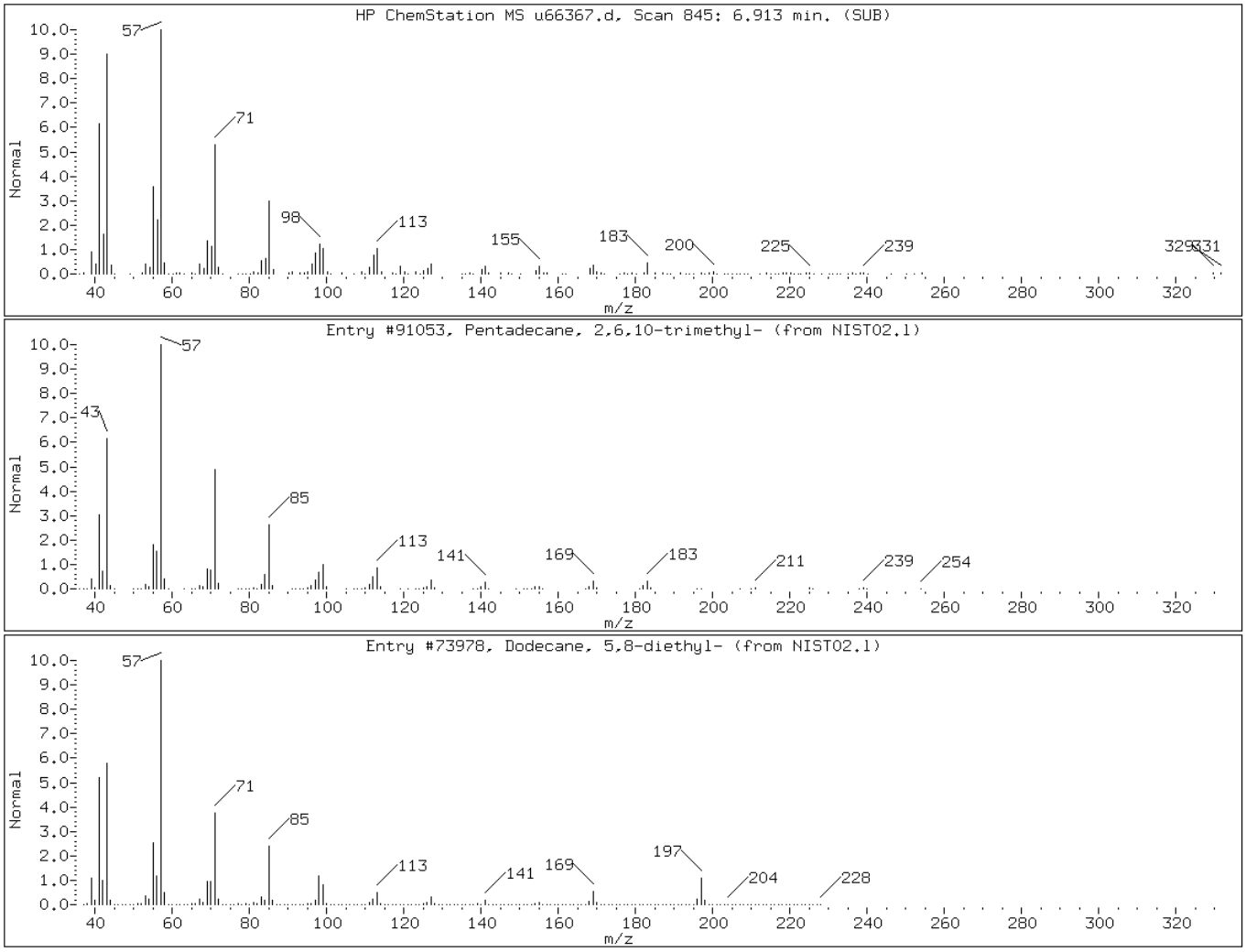
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 6.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	90	C18H38	254
Dodecane, 5,8-diethyl-	24251-86-3	NIST02.l	73978	87	C16H34	226



Data File: u66367.d

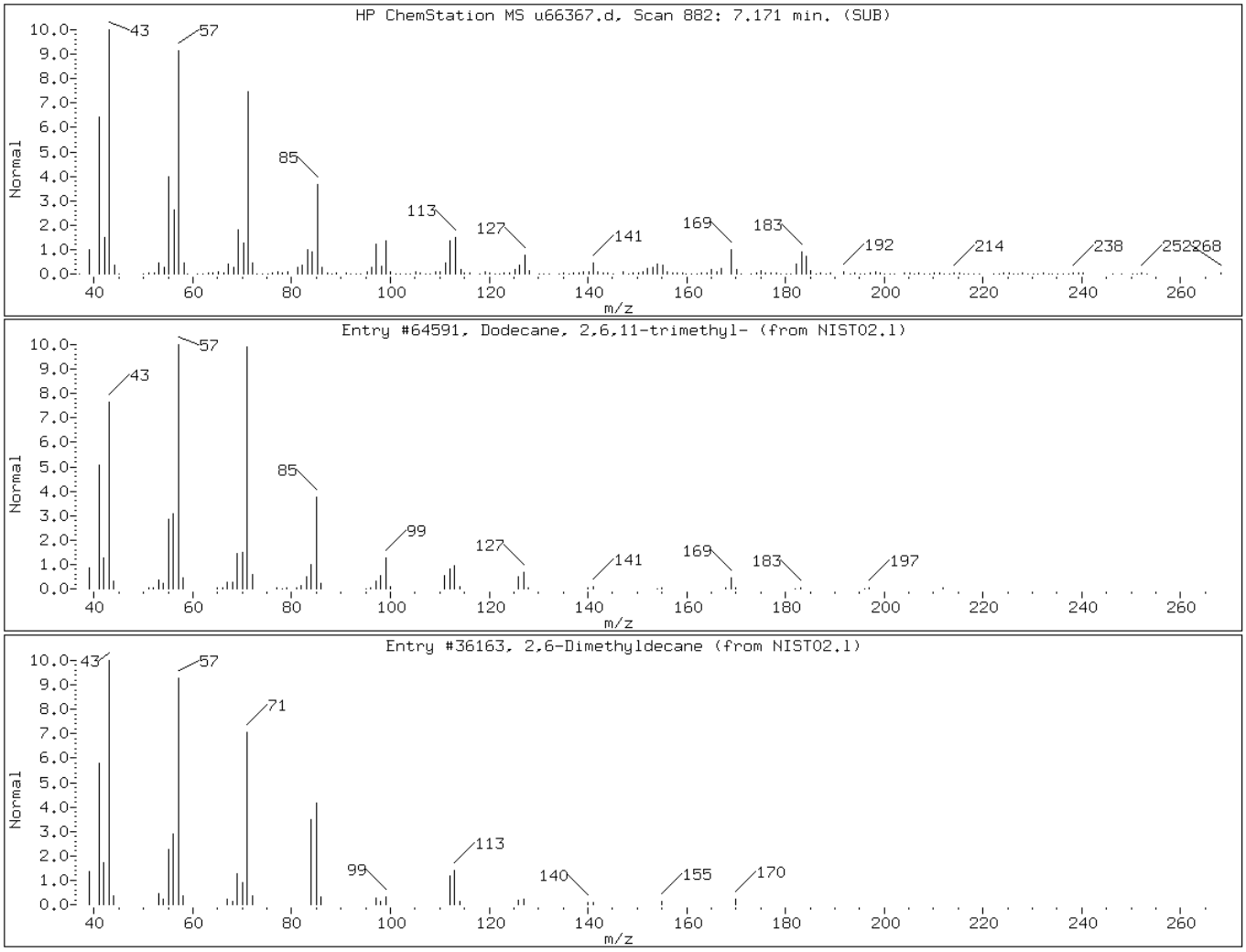
Date: 30-MAR-2011 07:05

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAMS4.i

Sample Info: 460-24277-F-9-A Operator: BNAMS 4

Retention Time: 7.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	93	C15H32	212
2,6-Dimethyldecane	13150-81-7	NIST02.l	36163	89	C12H26	170



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST2-E (23.5-24) | Lab Sample ID: 460-24277-10

Matrix: Solid | Lab File ID: u66368.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:45

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 14.98(g) | Date Analyzed: 03/30/2011 07:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	400	U	400	49
95-57-8	2-Chlorophenol	400	U	400	53
95-48-7	2-Methylphenol	400	U	400	57
106-44-5	4-Methylphenol	400	U	400	65
100-52-7	Benzaldehyde	400	U	400	25
98-86-2	Acetophenone	400	U	400	59
111-44-4	Bis(2-chloroethyl)ether	40	U	40	8.3
108-60-1	2,2'-oxybis[1-chloropropane]	400	U	400	52
621-64-7	N-Nitrosodi-n-propylamine	40	U	40	5.2
98-95-3	Nitrobenzene	40	U	40	8.9
67-72-1	Hexachloroethane	40	U	40	6.7
78-59-1	Isophorone	400	U *	400	46
88-75-5	2-Nitrophenol	400	U	400	65
105-67-9	2,4-Dimethylphenol	400	U	400	64
120-83-2	2,4-Dichlorophenol	400	U	400	64
111-91-1	Bis(2-chloroethoxy)methane	400	U	400	57
91-20-3	Naphthalene	400	U	400	58
106-47-8	4-Chloroaniline	400	U	400	50
87-68-3	Hexachlorobutadiene	80	U	80	16
105-60-2	Caprolactam	400	U	400	54
59-50-7	4-Chloro-3-methylphenol	400	U	400	67
91-57-6	2-Methylnaphthalene	400	U	400	58
118-74-1	Hexachlorobenzene	40	U	40	5.5
77-47-4	Hexachlorocyclopentadiene	400	U	400	120
88-06-2	2,4,6-Trichlorophenol	400	U	400	71
95-95-4	2,4,5-Trichlorophenol	400	U	400	76
92-52-4	Diphenyl	400	U	400	65
91-58-7	2-Chloronaphthalene	400	U	400	56
88-74-4	2-Nitroaniline	800	U	800	110
606-20-2	2,6-Dinitrotoluene	80	U	80	10
131-11-3	Dimethyl phthalate	400	U	400	54
208-96-8	Acenaphthylene	400	U	400	57
99-09-2	3-Nitroaniline	800	U	800	90
83-32-9	Acenaphthene	400	U	400	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST2-E (23.5-24) | Lab Sample ID: 460-24277-10

Matrix: Solid | Lab File ID: u66368.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:45

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 14.98(g) | Date Analyzed: 03/30/2011 07:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	100
51-28-5	2,4-Dinitrophenol	1200	U	1200	84
132-64-9	Dibenzofuran	400	U	400	60
84-66-2	Diethyl phthalate	400	U	400	53
86-73-7	Fluorene	400	U	400	67
206-44-0	Fluoranthene	400	U	400	66
84-74-2	Di-n-butyl phthalate	400	U	400	61
121-14-2	2,4-Dinitrotoluene	80	U	80	12
7005-72-3	4-Chlorophenyl phenyl ether	400	U	400	68
100-01-6	4-Nitroaniline	800	U	800	82
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	190
101-55-3	4-Bromophenyl phenyl ether	400	U	400	71
1912-24-9	Atrazine	400	U	400	74
120-12-7	Anthracene	400	U	400	70
86-74-8	Carbazole	400	U	400	63
85-01-8	Phenanthrene	400	U	400	69
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	400	U	400	69
218-01-9	Chrysene	400	U	400	58
207-08-9	Benzo[k]fluoranthene	40	U	40	5.5
191-24-2	Benzo[g,h,i]perylene	400	U	400	42
205-99-2	Benzo[b]fluoranthene	40	U	40	5.9
50-32-8	Benzo[a]pyrene	40	U *	40	4.9
56-55-3	Benzo[a]anthracene	40	U	40	7.3
86-30-6	N-Nitrosodiphenylamine	400	U	400	65
85-68-7	Butyl benzyl phthalate	400	U	400	46
117-81-7	Bis(2-ethylhexyl) phthalate	400	U	400	53
117-84-0	Di-n-octyl phthalate	400	U	400	47
193-39-5	Indeno[1,2,3-cd]pyrene	40	U	40	6.3
53-70-3	Dibenz(a,h)anthracene	40	U	40	4.8
91-94-1	3,3'-Dichlorobenzidine	800	U	800	88
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	400	53
58-90-2	2,3,4,6-Tetrachlorophenol	400	U	400	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST2-E (23.5-24) Lab Sample ID: 460-24277-10

Matrix: Solid Lab File ID: u66368.d

Analysis Method: 8270C Date Collected: 03/17/2011 14:45

Extract. Method: 3541 Date Extracted: 03/28/2011 22:00

Sample wt/vol: 14.98(g) Date Analyzed: 03/30/2011 07:25

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 16.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	66		38-105
4165-62-2	Phenol-d5	74		41-118
1718-51-0	Terphenyl-d14	96		16-151
118-79-6	2,4,6-Tribromophenol	76		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	68		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST2-E (23.5-24) Lab Sample ID: 460-24277-10

Matrix: Solid Lab File ID: u66368.d

Analysis Method: 8270C Date Collected: 03/17/2011 14:45

Extract. Method: 3541 Date Extracted: 03/28/2011 22:00

Sample wt/vol: 14.98(g) Date Analyzed: 03/30/2011 07:25

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 16.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66368.d
Report Date: 30-Mar-2011 09:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66368.d
Lab Smp Id: 460-24277-F-10-A Client Smp ID: PMP-10-ST2-E (23.5-
Inj Date : 30-MAR-2011 07:25
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-10-A
Misc Info : 460-24277-F-10-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.98000	Weight of sample extracted (g)
M	16.45207	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.920	1.911	(0.625)	331060	66.9023	5300
$ 17 Phenol-d5 (SUR)	99	2.793	2.814	(0.909)	472994	74.4806	6000
* 79 1,4-Dichlorobenzene-d4	152	3.074	3.080	(1.000)	192272	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.675	3.696	(0.836)	340155	33.2172	2600
* 80 Naphthalene-d8	136	4.397	4.412	(1.000)	641144	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.514	5.529	(0.897)	506647	34.1971	2700
* 82 Acenaphthene-d10	164	6.149	6.160	(1.000)	477943	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.931	6.941	(1.127)	193734	75.8993	6100
* 83 Phenanthrene-d10	188	7.585	7.592	(1.000)	675719	40.0000	
$ 78 Terphenyl-d14	244	9.154	9.156	(0.903)	775902	48.2349	3800
* 81 Chrysene-d12	240	10.140	10.146	(1.000)	653399	40.0000	
* 84 Perylene-d12	264	11.655	11.655	(1.000)	439431	40.0000	

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66368.d
Report Date: 30-Mar-2011 09:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66368.d
Lab Smp Id: 460-24277-F-10-A Client Smp ID: PMP-10-ST2-E (23.5-
Inj Date : 30-MAR-2011 07:25
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-10-A
Misc Info : 460-24277-F-10-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: u66368.d

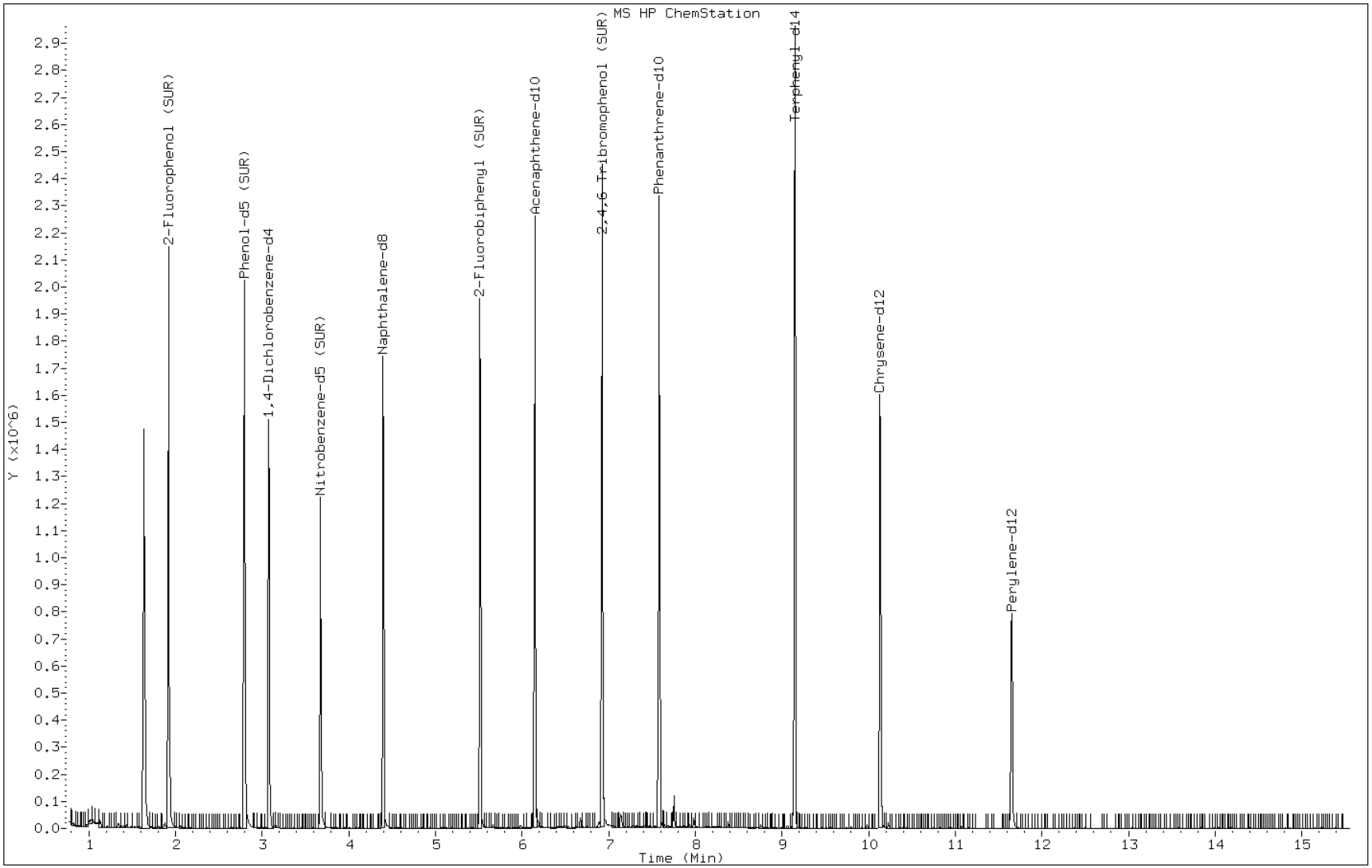
Date: 30-MAR-2011 07:25

Client ID: PMP-10-ST2-E (23.5-

Instrument: BNAMS4.i

Sample Info: 460-24277-F-10-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-VD-E (3.5-4) | Lab Sample ID: 460-24277-11

Matrix: Solid | Lab File ID: u66373.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:00

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.01(g) | Date Analyzed: 03/30/2011 09:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	50
106-44-5	4-Methylphenol	340	U	340	56
100-52-7	Benzaldehyde	340	U	340	22
98-86-2	Acetophenone	340	U	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.5
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U *	340	40
88-75-5	2-Nitrophenol	340	U	340	57
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	340	U	340	50
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	70	U	70	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	58
91-57-6	2-Methylnaphthalene	340	U	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	62
95-95-4	2,4,5-Trichlorophenol	340	U	340	66
92-52-4	Diphenyl	340	U	340	57
91-58-7	2-Chloronaphthalene	340	U	340	49
88-74-4	2-Nitroaniline	700	U	700	94
606-20-2	2,6-Dinitrotoluene	70	U	70	8.7
131-11-3	Dimethyl phthalate	340	U	340	47
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	700	U	700	78
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-VD-E (3.5-4) | Lab Sample ID: 460-24277-11

Matrix: Solid | Lab File ID: u66373.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:00

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.01(g) | Date Analyzed: 03/30/2011 09:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	88
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	52
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	53
121-14-2	2,4-Dinitrotoluene	70	U	70	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	700	U	700	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	340	U	340	61
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	61
86-74-8	Carbazole	340	U	340	55
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	60
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U *	34	4.2
56-55-3	Benzo[a]anthracene	34	U	34	6.4
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	46
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.1
91-94-1	3,3'-Dichlorobenzidine	700	U	700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-VD-E (3.5-4) Lab Sample ID: 460-24277-11

Matrix: Solid Lab File ID: u66373.d

Analysis Method: 8270C Date Collected: 03/17/2011 16:00

Extract. Method: 3541 Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.01(g) Date Analyzed: 03/30/2011 09:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	72		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	99		16-151
118-79-6	2,4,6-Tribromophenol	59		10-120
367-12-4	2-Fluorophenol	69		37-125
321-60-8	2-Fluorobiphenyl	80		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-VD-E (3.5-4) Lab Sample ID: 460-24277-11

Matrix: Solid Lab File ID: u66373.d

Analysis Method: 8270C Date Collected: 03/17/2011 16:00

Extract. Method: 3541 Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.01(g) Date Analyzed: 03/30/2011 09:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66373.d
Report Date: 30-Mar-2011 11:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66373.d
Lab Smp Id: 460-24277-F-11-A Client Smp ID: PMP-13-VD-E (3.5-4)
Inj Date : 30-MAR-2011 09:13
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-11-A
Misc Info : 460-24277-F-11-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	3.93939	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.922	1.911	(0.625)	326010	68.7438	4800
$ 17 Phenol-d5 (SUR)	99	2.795	2.814	(0.909)	479440	78.7753	5500
* 79 1,4-Dichlorobenzene-d4	152	3.076	3.080	(1.000)	184267	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.671	3.696	(0.834)	357670	36.2073	2500
* 80 Naphthalene-d8	136	4.401	4.412	(1.000)	618484	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.519	5.529	(0.897)	546724	39.9497	2800
* 82 Acenaphthene-d10	164	6.151	6.160	(1.000)	441484	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.929	6.941	(1.126)	138293	58.6534	4100
* 83 Phenanthrene-d10	188	7.584	7.592	(1.000)	713788	40.0000	
$ 78 Terphenyl-d14	244	9.159	9.156	(0.903)	819113	49.5656	3400
* 81 Chrysene-d12	240	10.138	10.146	(1.000)	671268	40.0000	
* 84 Perylene-d12	264	11.657	11.655	(1.000)	404692	40.0000	

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66373.d
Report Date: 30-Mar-2011 11:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66373.d
Lab Smp Id: 460-24277-F-11-A Client Smp ID: PMP-13-VD-E (3.5-4)
Inj Date : 30-MAR-2011 09:13
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24277-F-11-A
Misc Info : 460-24277-F-11-A
Comment   :
Method   : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

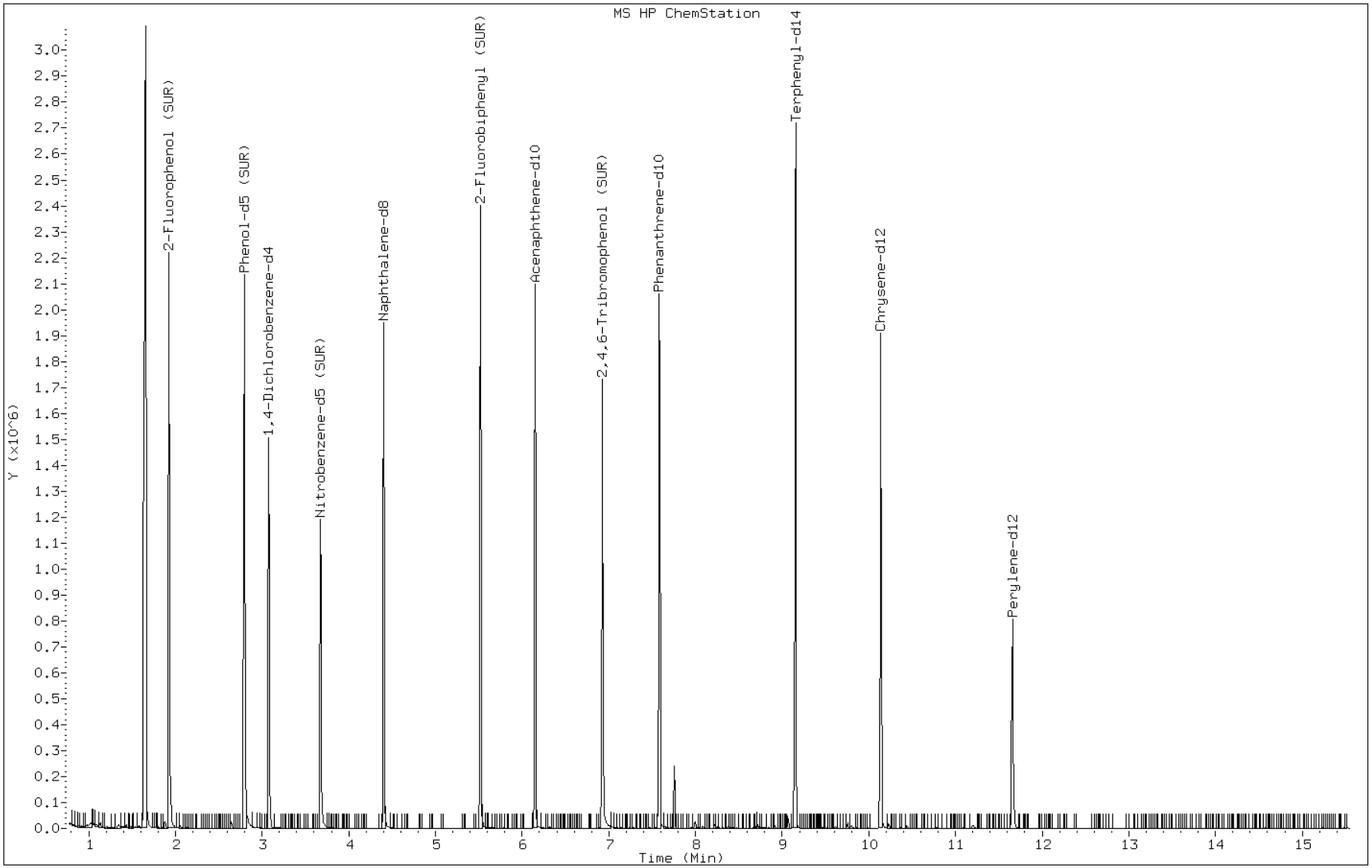
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: u66373.d

Date: 30-MAR-2011 09:13

Client ID: PMP-13-VD-E (3.5-4) Instrument: BNAMS4.i

Sample Info: 460-24277-F-11-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) | Lab Sample ID: 460-24277-12

Matrix: Solid | Lab File ID: p10119.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:05

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.00(g) | Date Analyzed: 03/30/2011 09:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	360	U	360	45
95-57-8	2-Chlorophenol	360	U	360	49
95-48-7	2-Methylphenol	360	U	360	53
106-44-5	4-Methylphenol	360	U	360	60
100-52-7	Benzaldehyde	360	U	360	23
98-86-2	Acetophenone	360	U	360	54
111-44-4	Bis(2-chloroethyl)ether	36	U	36	7.6
108-60-1	2,2'-oxybis[1-chloropropane]	360	U	360	48
621-64-7	N-Nitrosodi-n-propylamine	36	U	36	4.8
98-95-3	Nitrobenzene	36	U	36	8.2
67-72-1	Hexachloroethane	36	U	36	6.2
78-59-1	Isophorone	360	U	360	42
88-75-5	2-Nitrophenol	360	U	360	60
105-67-9	2,4-Dimethylphenol	360	U	360	59
120-83-2	2,4-Dichlorophenol	360	U	360	59
111-91-1	Bis(2-chloroethoxy)methane	360	U	360	52
91-20-3	Naphthalene	360	U	360	53
106-47-8	4-Chloroaniline	360	U	360	46
87-68-3	Hexachlorobutadiene	74	U	74	15
105-60-2	Caprolactam	360	U	360	50
59-50-7	4-Chloro-3-methylphenol	360	U	360	61
91-57-6	2-Methylnaphthalene	360	U	360	53
118-74-1	Hexachlorobenzene	36	U	36	5.1
77-47-4	Hexachlorocyclopentadiene	360	U	360	110
88-06-2	2,4,6-Trichlorophenol	360	U	360	65
95-95-4	2,4,5-Trichlorophenol	360	U	360	70
92-52-4	Diphenyl	360	U	360	60
91-58-7	2-Chloronaphthalene	360	U	360	52
88-74-4	2-Nitroaniline	740	U	740	100
606-20-2	2,6-Dinitrotoluene	74	U	74	9.3
131-11-3	Dimethyl phthalate	360	U	360	49
208-96-8	Acenaphthylene	360	U	360	52
99-09-2	3-Nitroaniline	740	U	740	83
83-32-9	Acenaphthene	360	U	360	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) | Lab Sample ID: 460-24277-12

Matrix: Solid | Lab File ID: p10119.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:05

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.00(g) | Date Analyzed: 03/30/2011 09:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	94
51-28-5	2,4-Dinitrophenol	1100	U	1100	78
132-64-9	Dibenzofuran	360	U	360	55
84-66-2	Diethyl phthalate	360	U	360	49
86-73-7	Fluorene	360	U	360	62
206-44-0	Fluoranthene	360	U	360	61
84-74-2	Di-n-butyl phthalate	360	U	360	56
121-14-2	2,4-Dinitrotoluene	74	U	74	11
7005-72-3	4-Chlorophenyl phenyl ether	360	U	360	63
100-01-6	4-Nitroaniline	740	U	740	75
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	360	U	360	65
1912-24-9	Atrazine	360	U	360	68
120-12-7	Anthracene	360	U	360	65
86-74-8	Carbazole	360	U	360	58
85-01-8	Phenanthrene	360	U	360	64
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	98	J	360	63
218-01-9	Chrysene	360	U	360	53
207-08-9	Benzo[k]fluoranthene	36	U	36	5.1
191-24-2	Benzo[g,h,i]perylene	360	U	360	39
205-99-2	Benzo[b]fluoranthene	36	U	36	5.4
50-32-8	Benzo[a]pyrene	36	U	36	4.5
56-55-3	Benzo[a]anthracene	36	U	36	6.8
86-30-6	N-Nitrosodiphenylamine	360	U	360	60
85-68-7	Butyl benzyl phthalate	360	U	360	43
117-81-7	Bis(2-ethylhexyl) phthalate	360	U	360	48
117-84-0	Di-n-octyl phthalate	360	U	360	43
193-39-5	Indeno[1,2,3-cd]pyrene	36	U	36	5.8
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.4
91-94-1	3,3'-Dichlorobenzidine	740	U	740	81
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U	360	49
58-90-2	2,3,4,6-Tetrachlorophenol	360	U	360	73

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) Lab Sample ID: 460-24277-12

Matrix: Solid Lab File ID: p10119.d

Analysis Method: 8270C Date Collected: 03/17/2011 16:05

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.00(g) Date Analyzed: 03/30/2011 09:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	92		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	98		10-120
367-12-4	2-Fluorophenol	84		37-125
321-60-8	2-Fluorobiphenyl	88		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) | Lab Sample ID: 460-24277-12

Matrix: Solid | Lab File ID: p10119.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:05

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.00(g) | Date Analyzed: 03/30/2011 09:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 120900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown-1	5.29	1500	J
	Unknown Alkane-1	5.71	2300	J
	Unknown Alkane-2	5.79	2900	J
	Unknown Alkane-3	6.17	4500	J
	Unknown Alkane-4	6.35	6100	J
	Unknown Alkane-6	6.94	2500	J
	Unknown-3	7.18	1300	J
	Unknown Alkane-7	7.26	2800	J
	Unknown Alkane-9	7.78	1200	J
	Unknown Alkane-10	7.97	3200	J
	Unknown Alkane-11	8.18	2300	J
	Unknown Alkane-12	8.46	25000	J
	Unknown Alkane-13	8.62	3300	J
593-45-3	n-Octadecane	8.88	24000	E
	Unknown-7	8.91	7600	J
	Trichloro-1,1-biphenyl isomer-1	9.05	4300	J
	Unknown Alkane-14	9.29	12000	J
	Trichloro-1,1-biphenyl isomer-2	9.36	2800	J
	Unknown Alkane-15	9.68	6200	J
	Unknown Alkane-16	10.06	5100	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10119.d
Report Date: 03-Apr-2011 11:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10119.d
Lab Smp Id: 460-24277-F-12-C Client Smp ID: PMP-13-WT-E (7.5-8.
Inj Date : 30-MAR-2011 09:13
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-12-C
Misc Info : 460-24277-F-12-C
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 49
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	9.47109	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.901	2.883	(0.678)	904007	84.0551	6200
$ 17 Phenol-d5 (SUR)	99	3.911	3.923	(0.914)	1014621	83.0609	6100
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	339800	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.864)	483479	45.7650	3400
30 1,2,4-Trichlorobenzene	180	5.609	5.604	(0.992)	52608	5.47526	400
* 80 Naphthalene-d8	136	5.656	5.657	(1.000)	1090089	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.796	6.785	(0.910)	640198	44.0524	3200
* 82 Acenaphthene-d10	164	7.466	7.454	(1.000)	445196	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.253	8.242	(1.105)	148420	97.7361	7200
* 83 Phenanthrene-d10	188	8.935	8.917	(1.000)	740089	40.0000	
115 n-Octadecane	57	8.876	8.847	(0.993)	3046099	322.005	24000(A)
57 Pyrene	202	10.333	10.328	(0.891)	30125	1.32914	98(a)
$ 78 Terphenyl-d14	244	10.498	10.492	(0.905)	535861	39.1439	2900

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10119.d
Report Date: 03-Apr-2011 11:42

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	622892	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	534665	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10119.d
Report Date: 03-Apr-2011 11:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10119.d
Lab Smp Id: 460-24277-F-12-C Client Smp ID: PMP-13-WT-E (7.5-8.
Inj Date : 30-MAR-2011 09:13
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-12-C
Misc Info : 460-24277-F-12-C
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 49
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	9.47109	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.656	7248165	40.000
* 82 Acenaphthene-d10	7.466	19648583	40.000
* 83 Phenanthrene-d10	8.935	4249489	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-1				CAS #:			
5.286	3590905	19.8169046	1400	0	0		80

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10119.d
Report Date: 03-Apr-2011 11:42

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1					CAS #:		
5.709	5646722	31.1622138	2300	0		0	80
Unknown Alkane-2					CAS #:		
5.792	7032828	38.8116313	2800	0		0	80
Unknown Alkane-3					CAS #:		
6.174	11091224	61.2084442	4500	0		0	80
Unknown Alkane-4					CAS #:		
6.350	15119404	83.4385129	6100	0		0	80
Unknown Alkane-5					CAS #:		
6.644	4886565	9.94792427	730	0		0	82
Unknown-2					CAS #:		
6.873	6951033	14.1507048	1000	0		0	82
Unknown Alkane-6					CAS #:		
6.937	16875785	34.3552205	2500	0		0	82
Unknown-3					CAS #:		
7.184	8908004	18.1346497	1300	0		0	82
Unknown Alkane-7					CAS #:		
7.260	18518545	37.6995019	2800	0		0	82
Unknown-4					CAS #:		
7.384	6761887	13.7656486	1000	0		0	82
Unknown Alkane-8					CAS #:		
7.689	4046434	8.23761060	610	0		0	82
Trimethylnaphthalene isomer					CAS #:		
7.725	5351547	10.8945192	800	0		0	82
Unknown Alkane-9					CAS #:		
7.778	7885065	16.0521808	1200	0		0	82
Unknown-5					CAS #:		
7.813	4783817	9.73875159	720	0		0	82
Unknown Alkane-10					CAS #:		
7.971	21354083	43.4720062	3200	0		0	82

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10119.d
Report Date: 03-Apr-2011 11:42

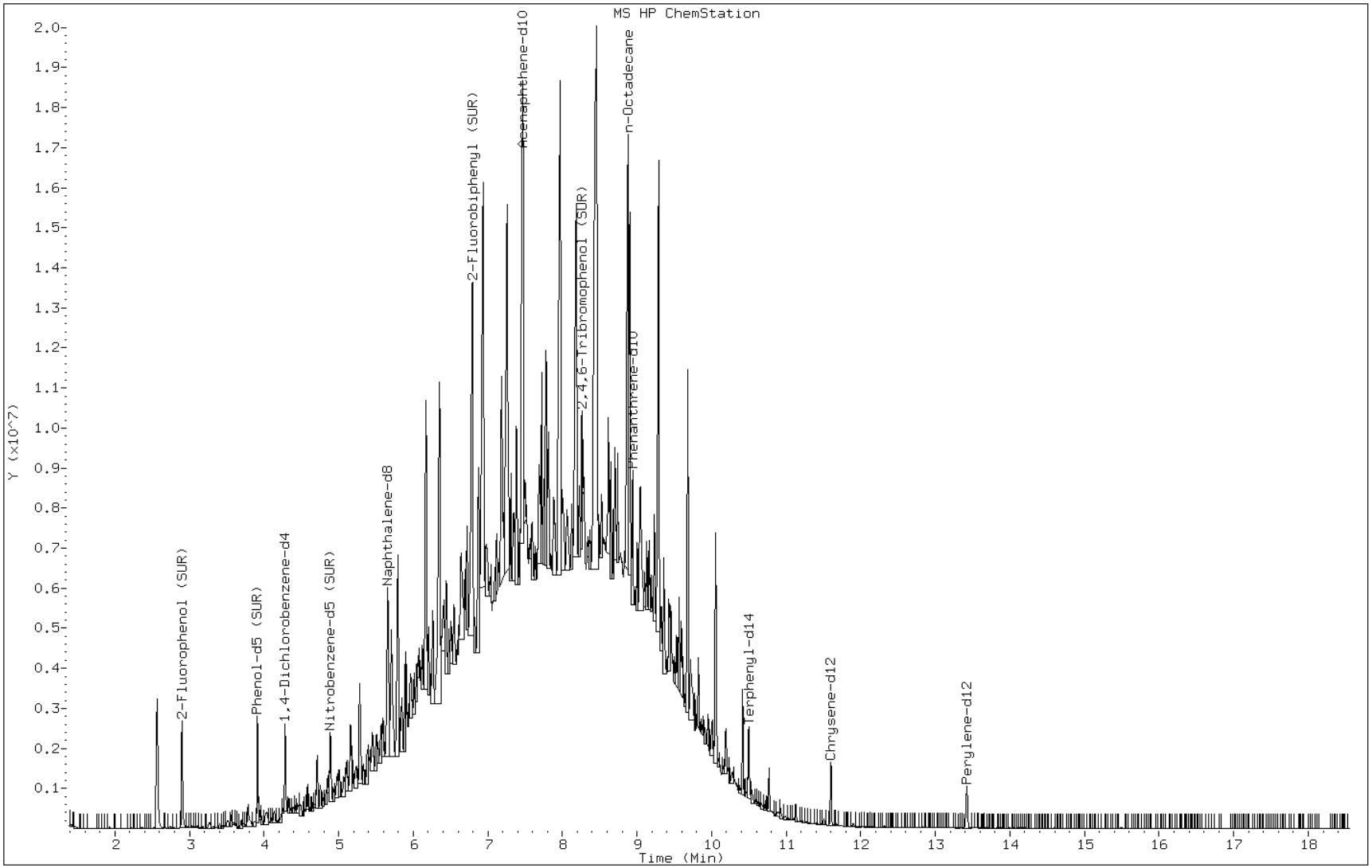
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-6					CAS #:		
7.995	4464660	9.08902226	670	0		0	82
Unknown Alkane-11					CAS #:		
8.183	15107731	30.7558675	2300	0		0	82
Unknown Alkane-12					CAS #:		
8.459	36265198	341.360505	25000	0		0	83
Unknown Alkane-13					CAS #:		
8.618	4790467	45.0921652	3300	0		0	83
Unknown-7					CAS #:		
8.906	10977790	103.332788	7600	0		0	83
Trichloro-1,1-biphenyl isomer-1					CAS #:		
9.047	6144248	57.8351651	4200	0		0	83
Unknown Alkane-14					CAS #:		
9.288	16800867	158.144800	12000	0		0	83
Trichloro-1,1-biphenyl isomer-2					CAS #:		
9.364	4034856	37.9796787	2800	0		0	83
Unknown Alkane-15					CAS #:		
9.681	8889343	83.6744523	6200	0		0	83
Unknown Alkane-16					CAS #:		
10.057	7318162	68.8850902	5100	0		0	83

Data File: p10119.d

Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4



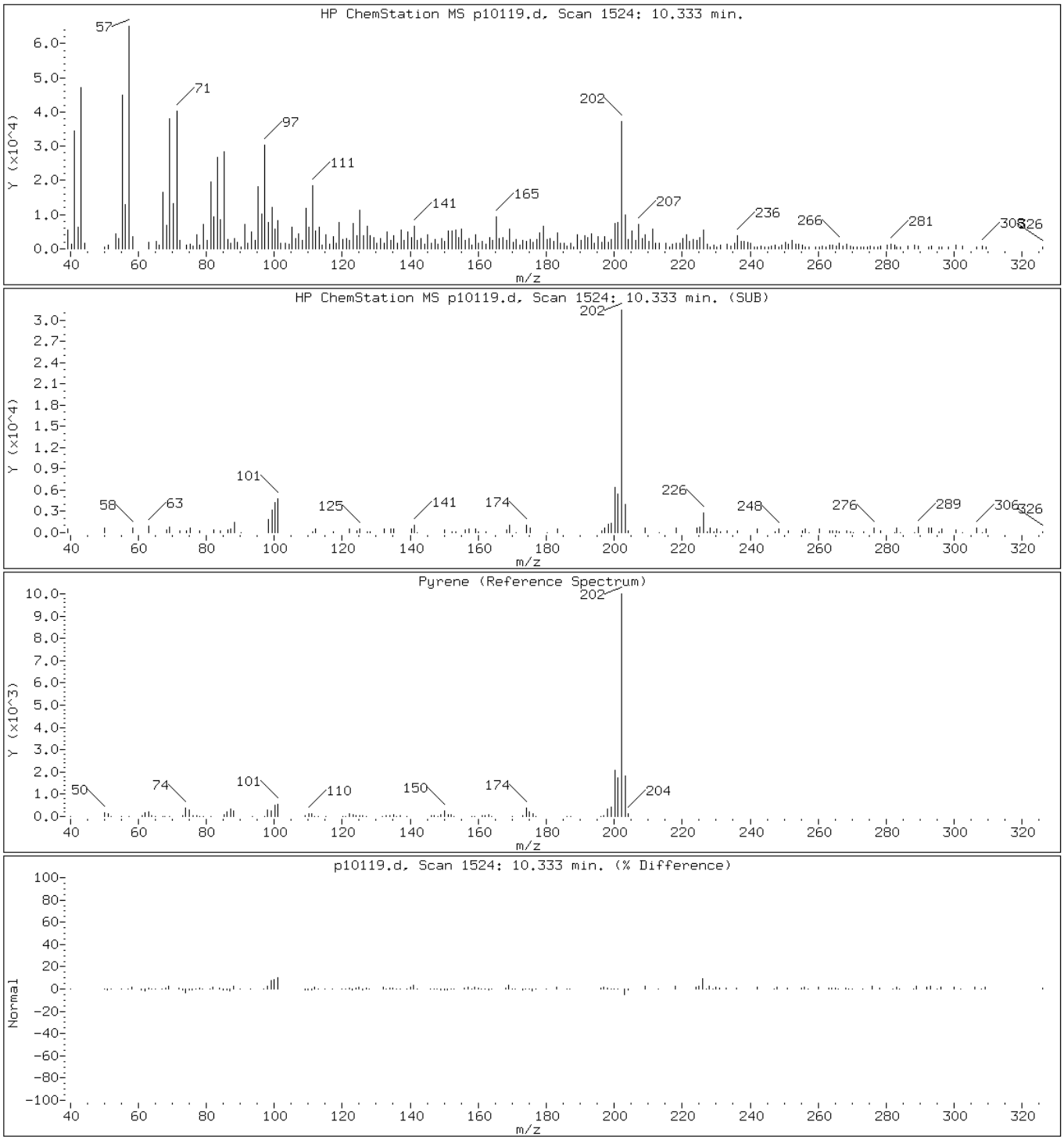
Data File: p10119.d

Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

57 Pyrene



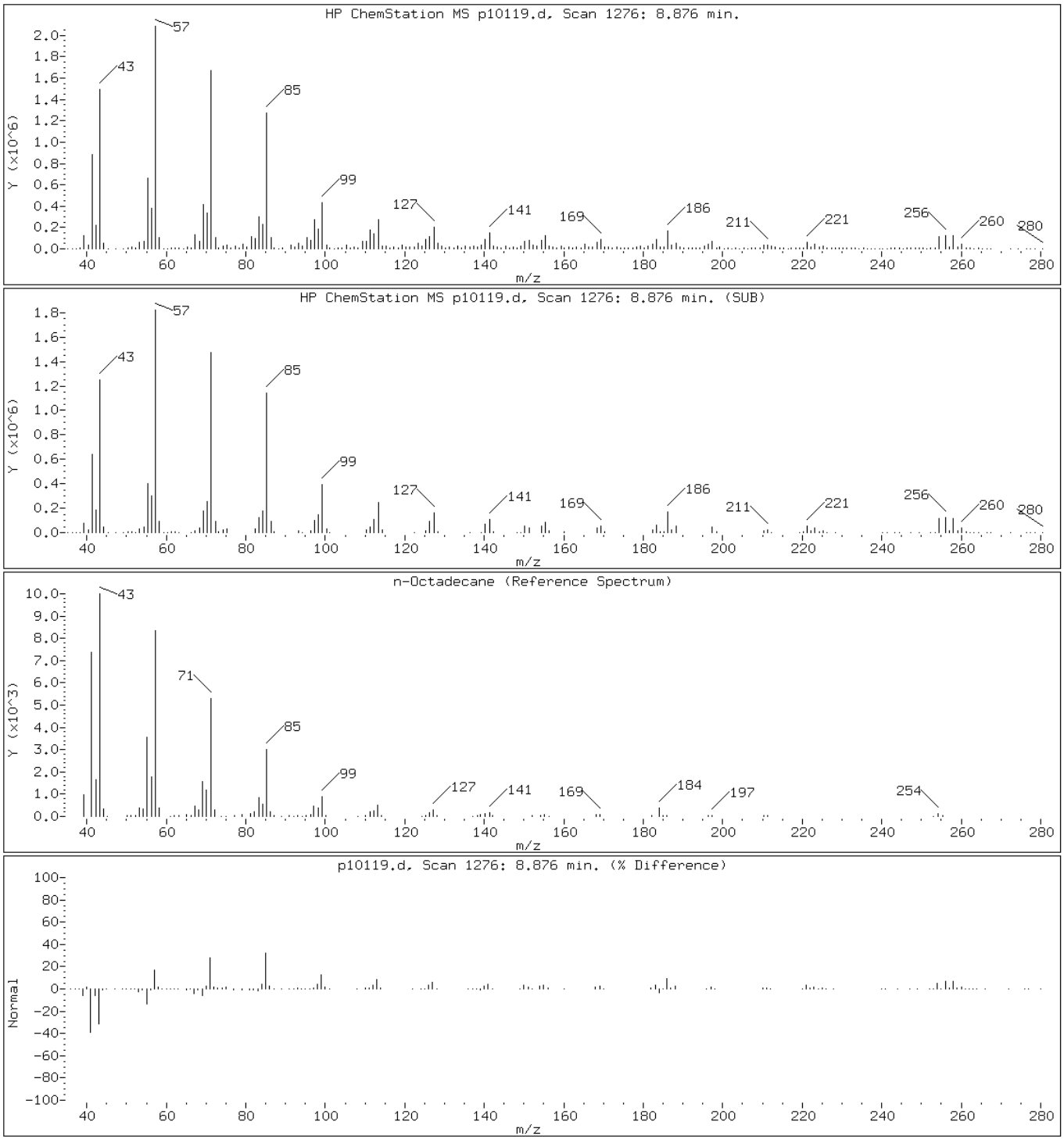
Data File: p10119.d

Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

115 n-Octadecane



Data File: p10119.d

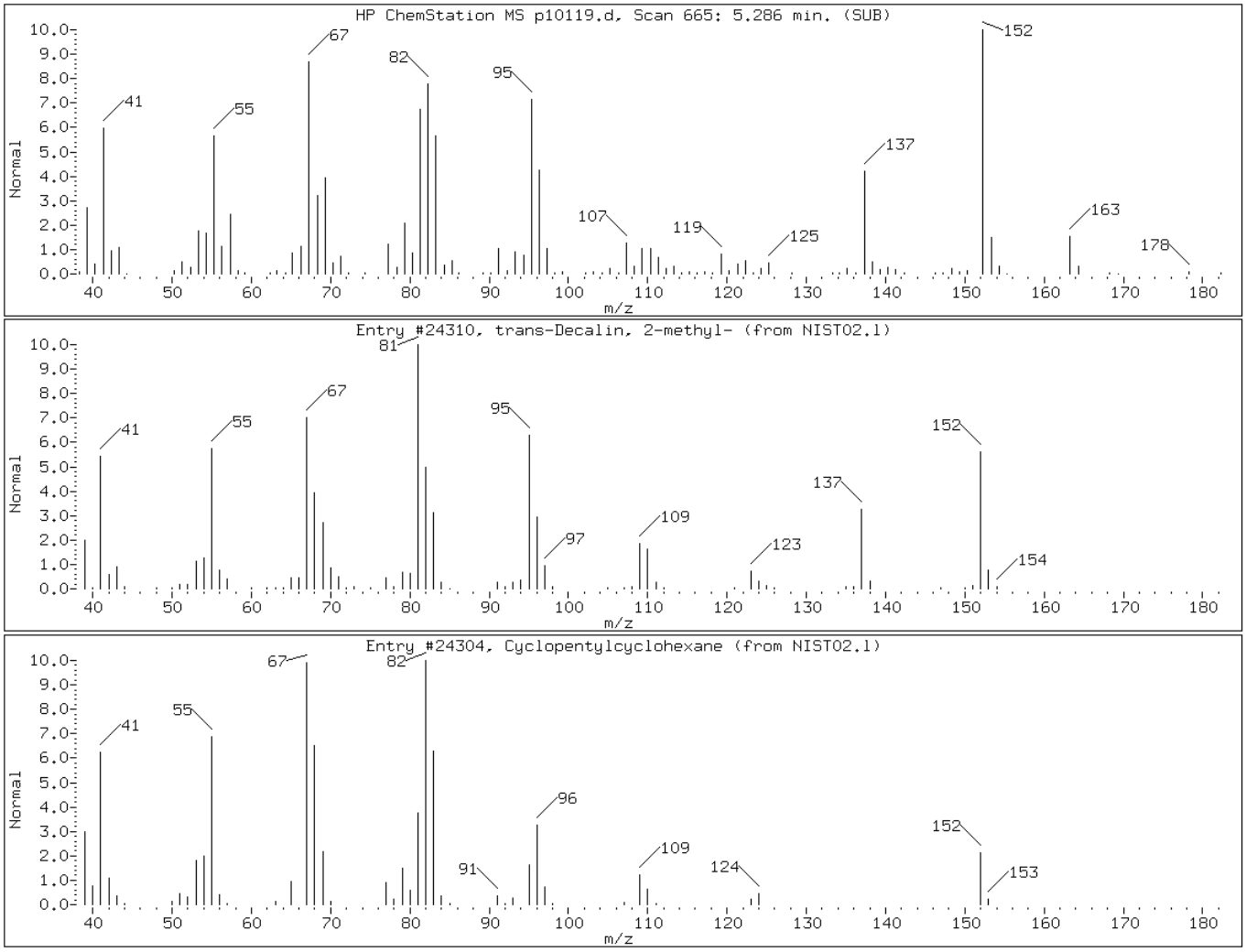
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 5.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	80	C11H20	152
Cyclopentylcyclohexane	1606-08-2	NIST02.l	24304	74	C11H20	152



Data File: p10119.d

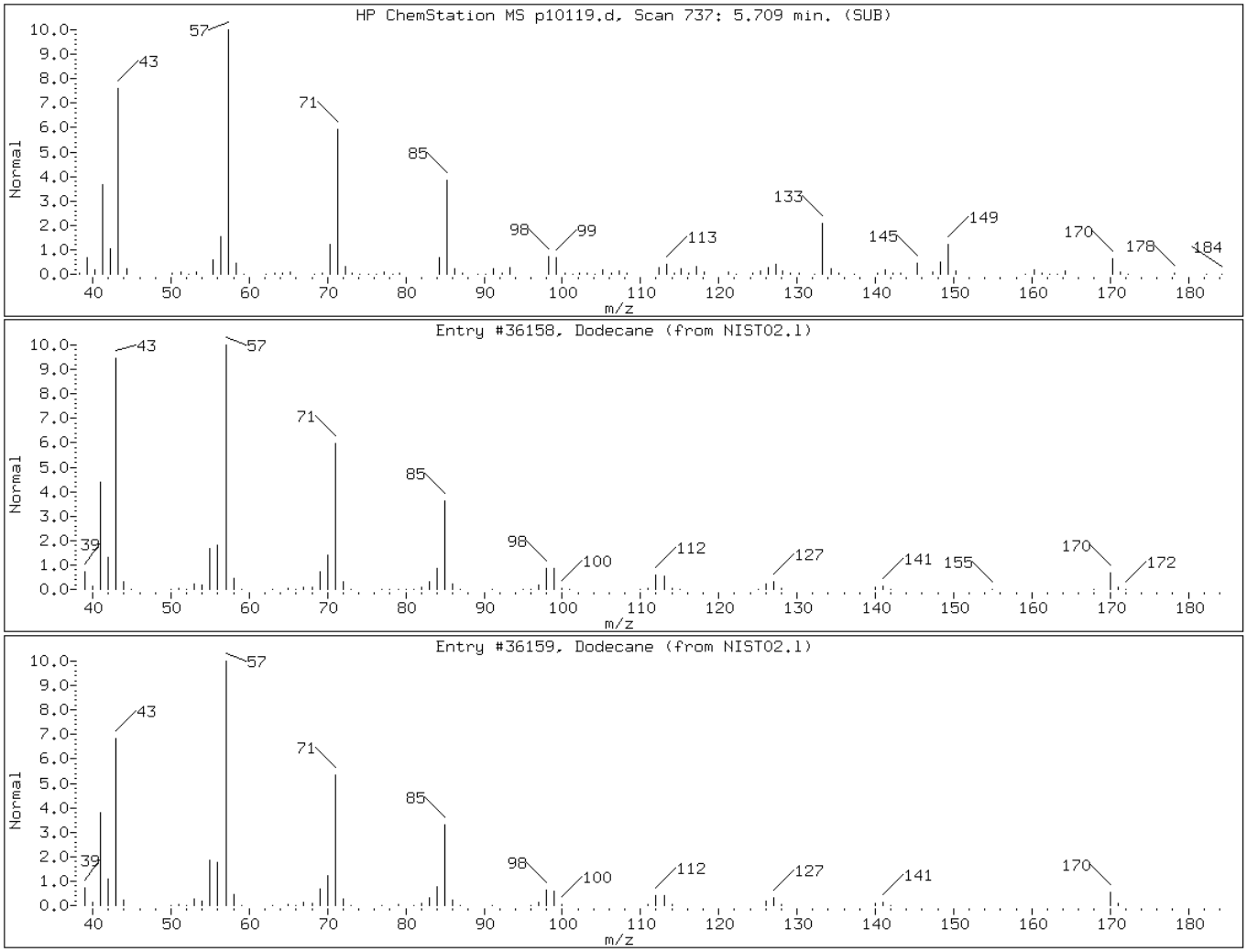
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 5.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane	112-40-3	NIST02.l	36158	92	C12H26	170
Dodecane	112-40-3	NIST02.l	36159	89	C12H26	170



Data File: p10119.d

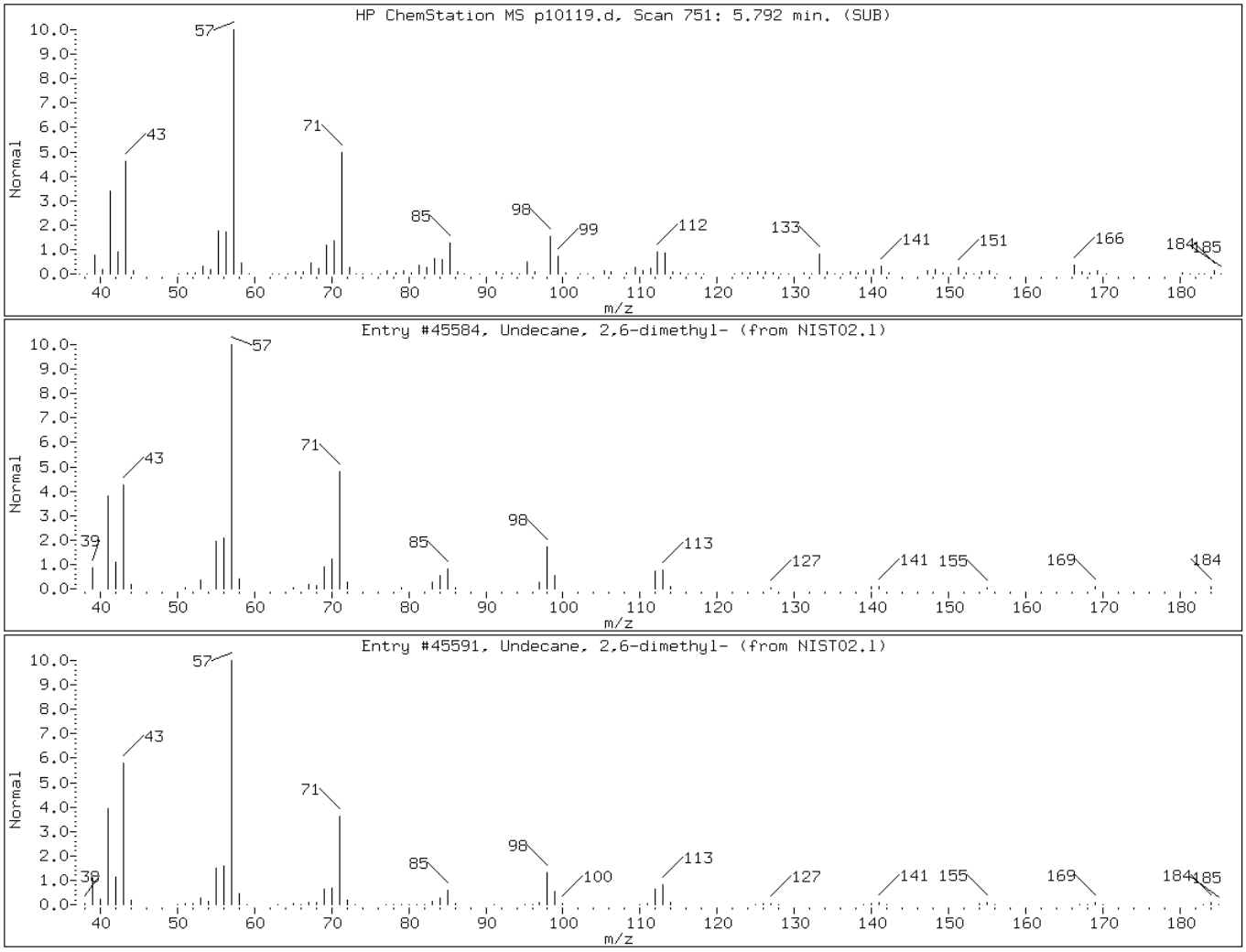
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 5.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	95	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	87	C13H28	184



Data File: p10119.d

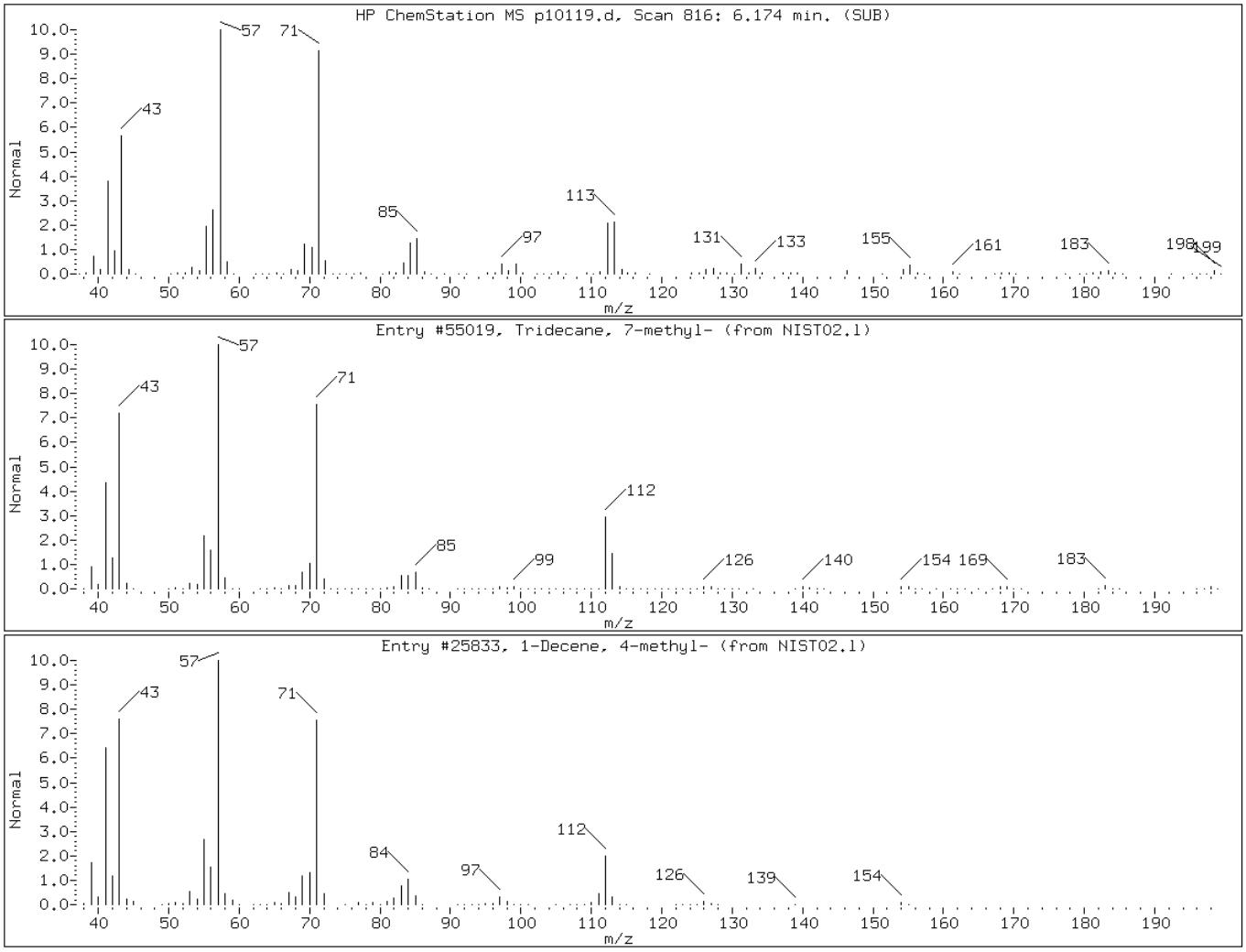
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 6.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	64	C14H30	198
1-Decene, 4-methyl-	13151-29-6	NIST02.l	25833	59	C11H22	154



Data File: p10119.d

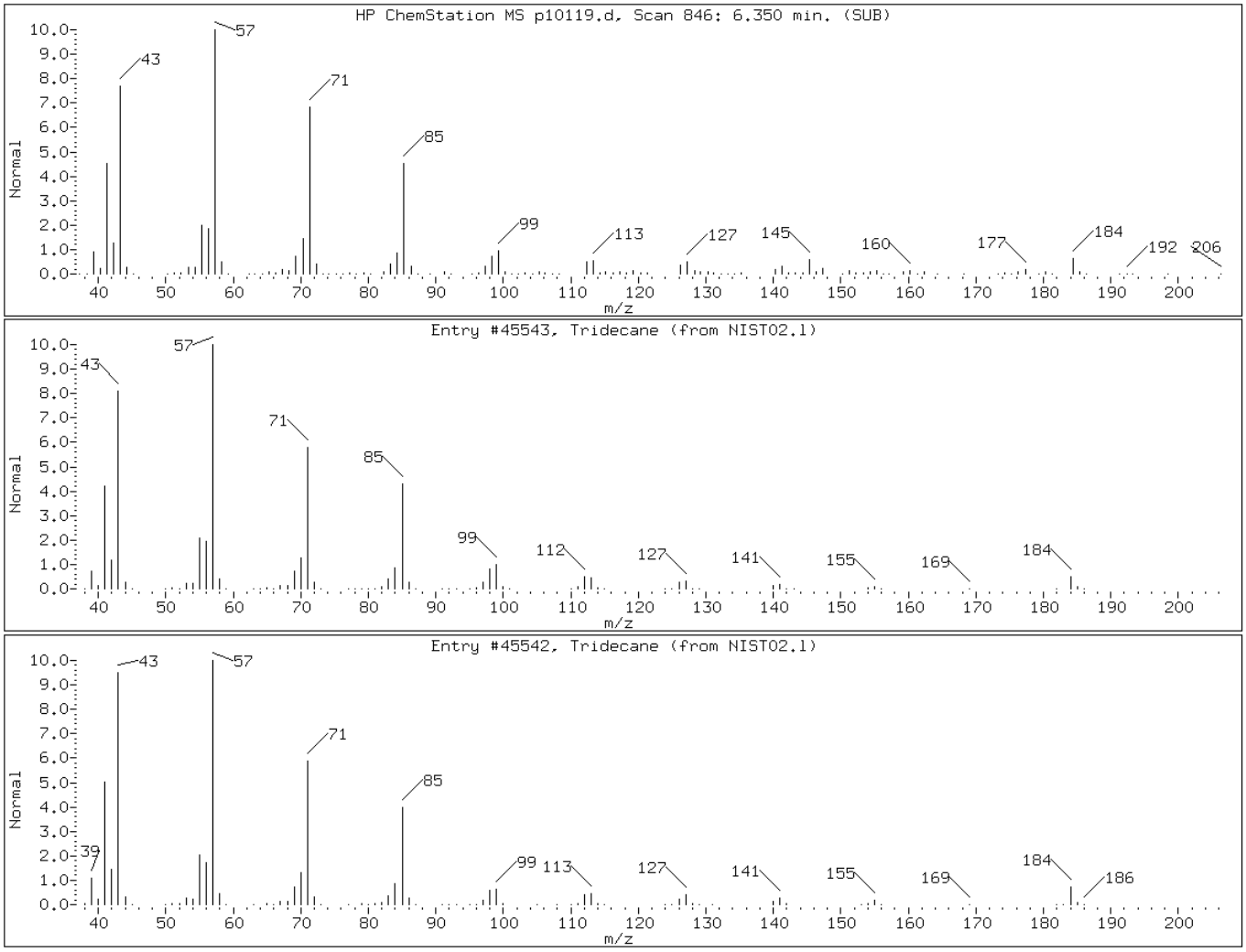
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 6.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane	629-50-5	NIST02.l	45543	98	C13H28	184
Tridecane	629-50-5	NIST02.l	45542	97	C13H28	184



Data File: p10119.d

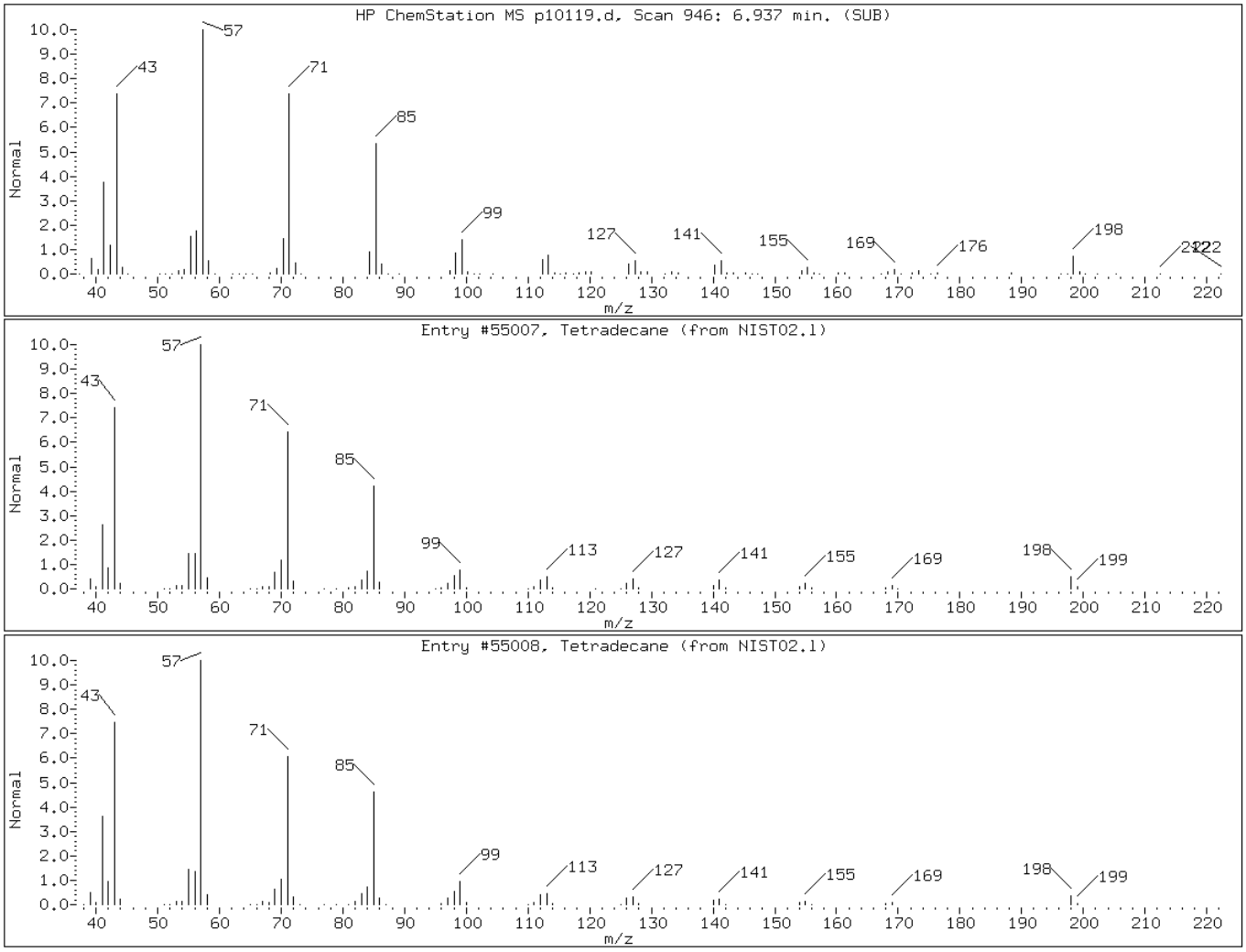
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 6.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tetradecane	629-59-4	NIST02.l	55007	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55008	97	C14H30	198



Data File: p10119.d

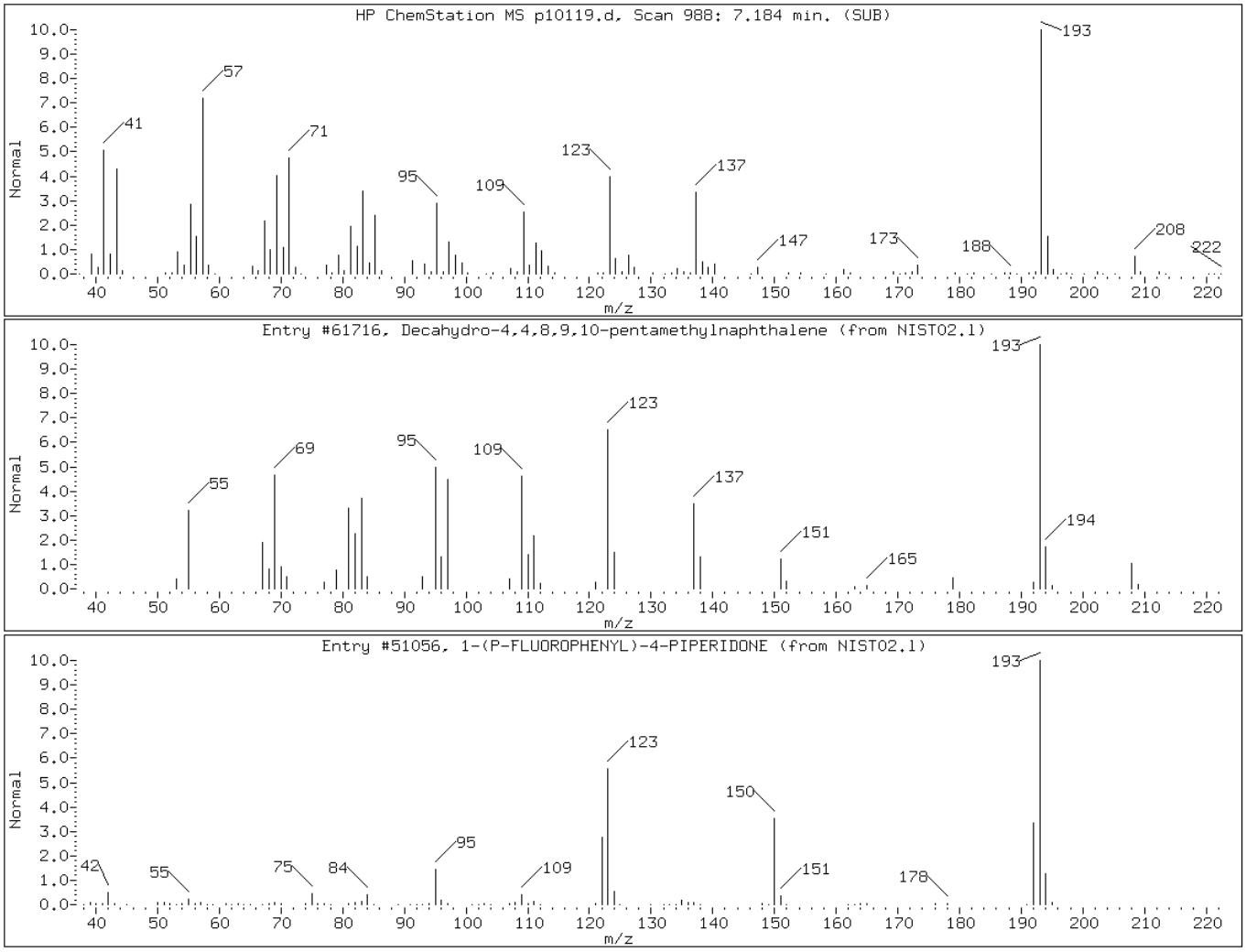
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 7.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	43	C15H28	208
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	43	C11H12FNO	193



Data File: p10119.d

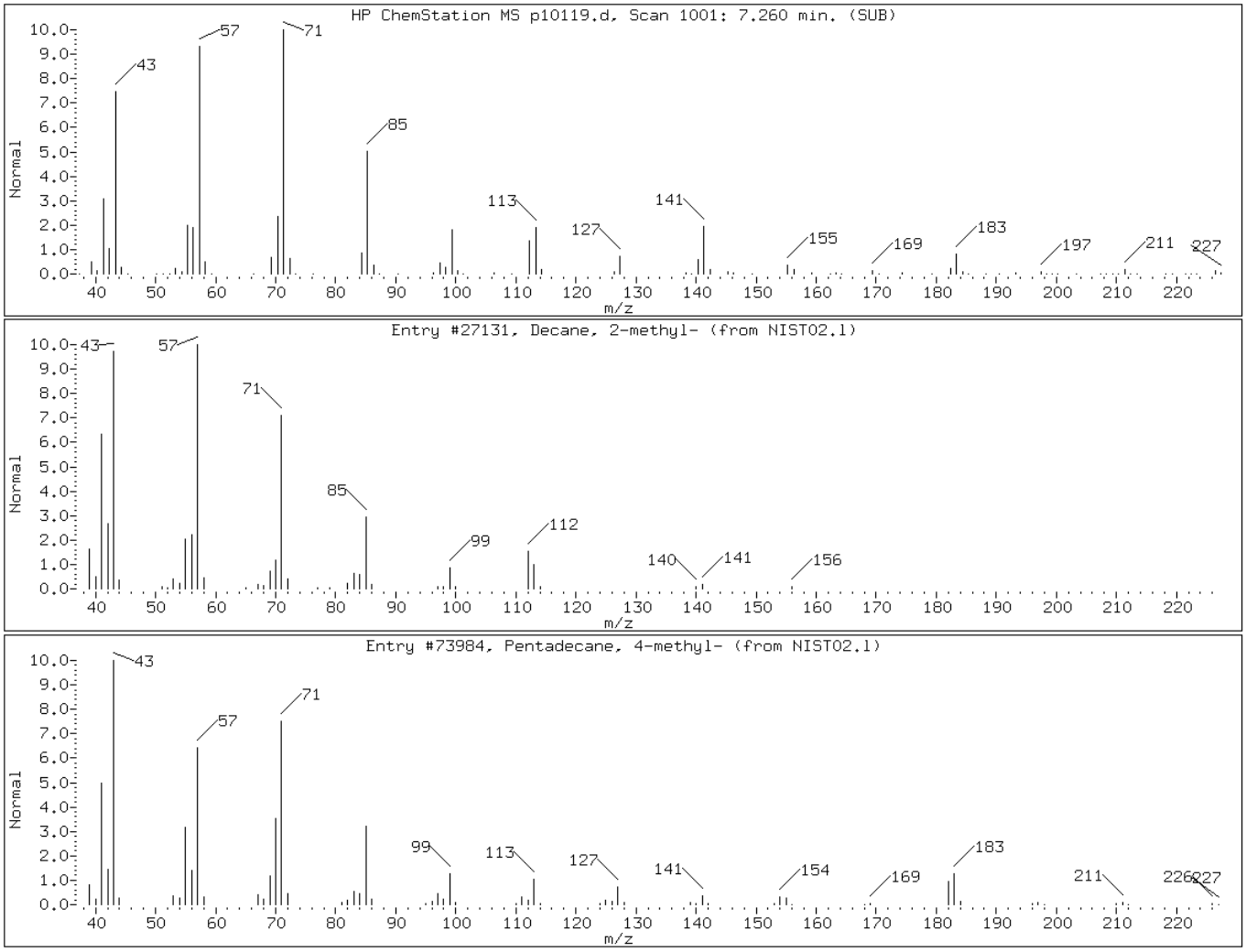
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 7.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Decane, 2-methyl-	6975-98-0	NIST02.l	27131	74	C11H24	156
Pentadecane, 4-methyl-	2801-87-8	NIST02.l	73984	68	C16H34	226



Data File: p10119.d

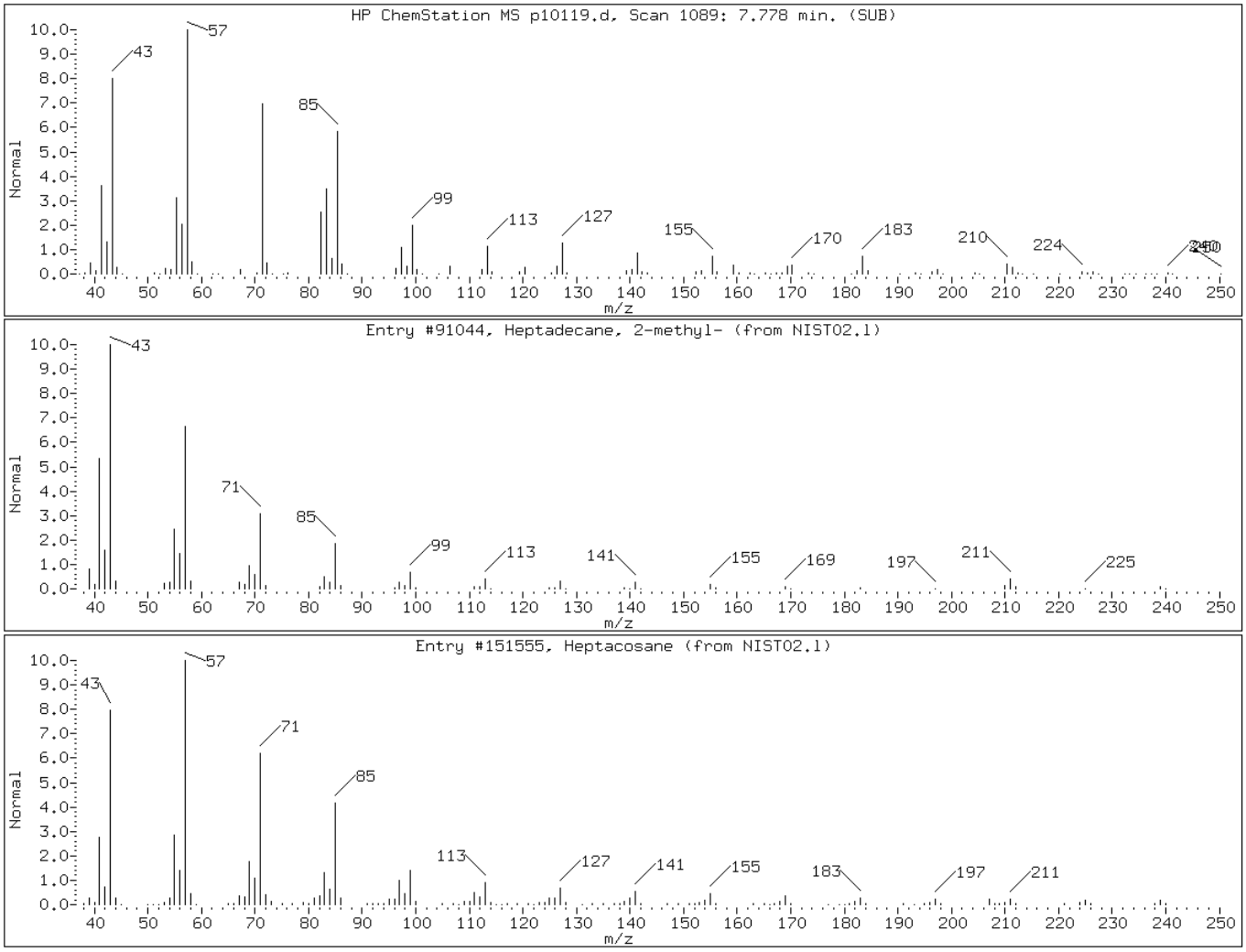
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 7.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Heptadecane, 2-methyl-	1560-89-0	NIST02.l	91044	74	C18H38	254
Heptacosane	593-49-7	NIST02.l	151555	64	C27H56	380



Data File: p10119.d

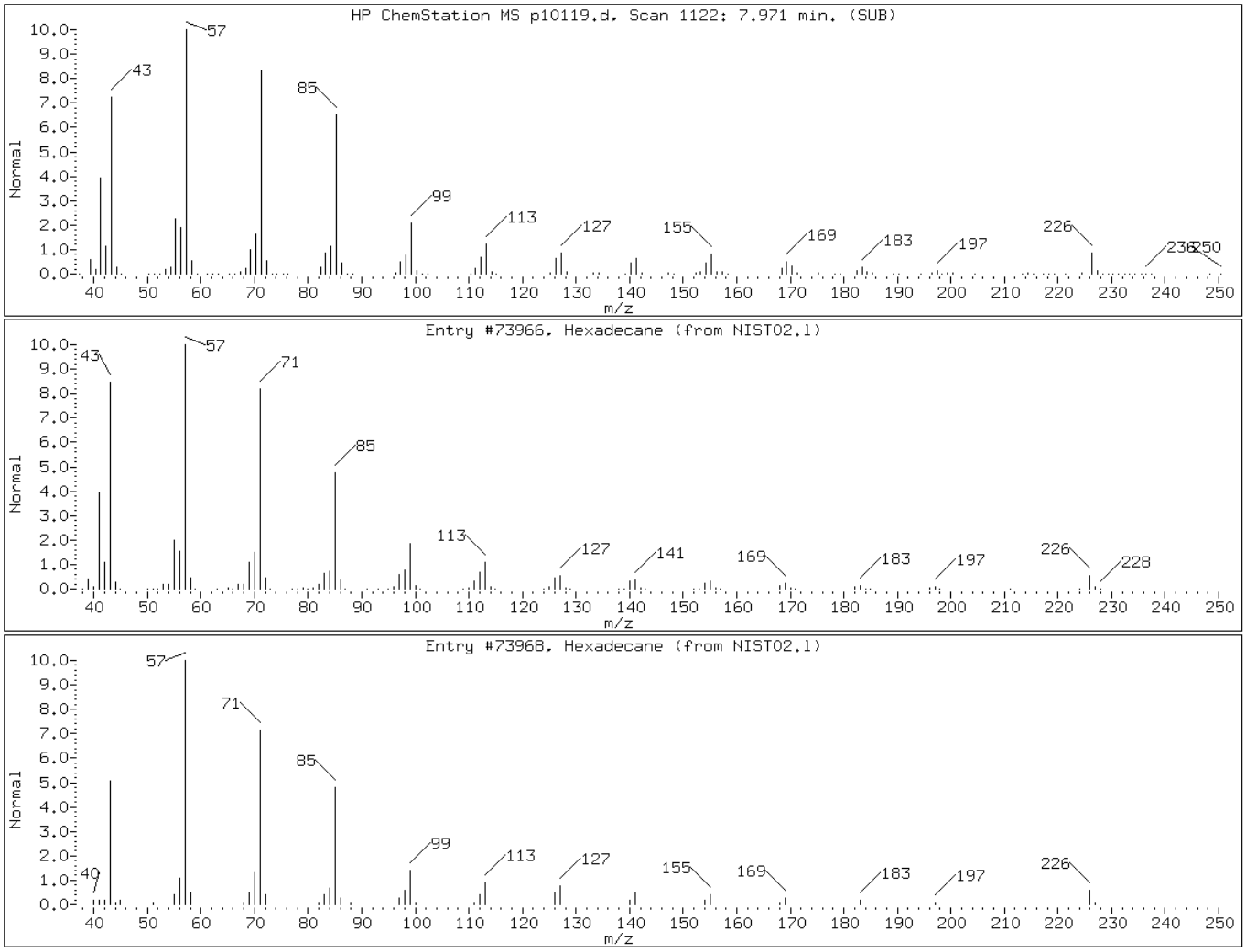
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 7.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Hexadecane	544-76-3	NIST02.l	73966	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73968	98	C16H34	226



Data File: p10119.d

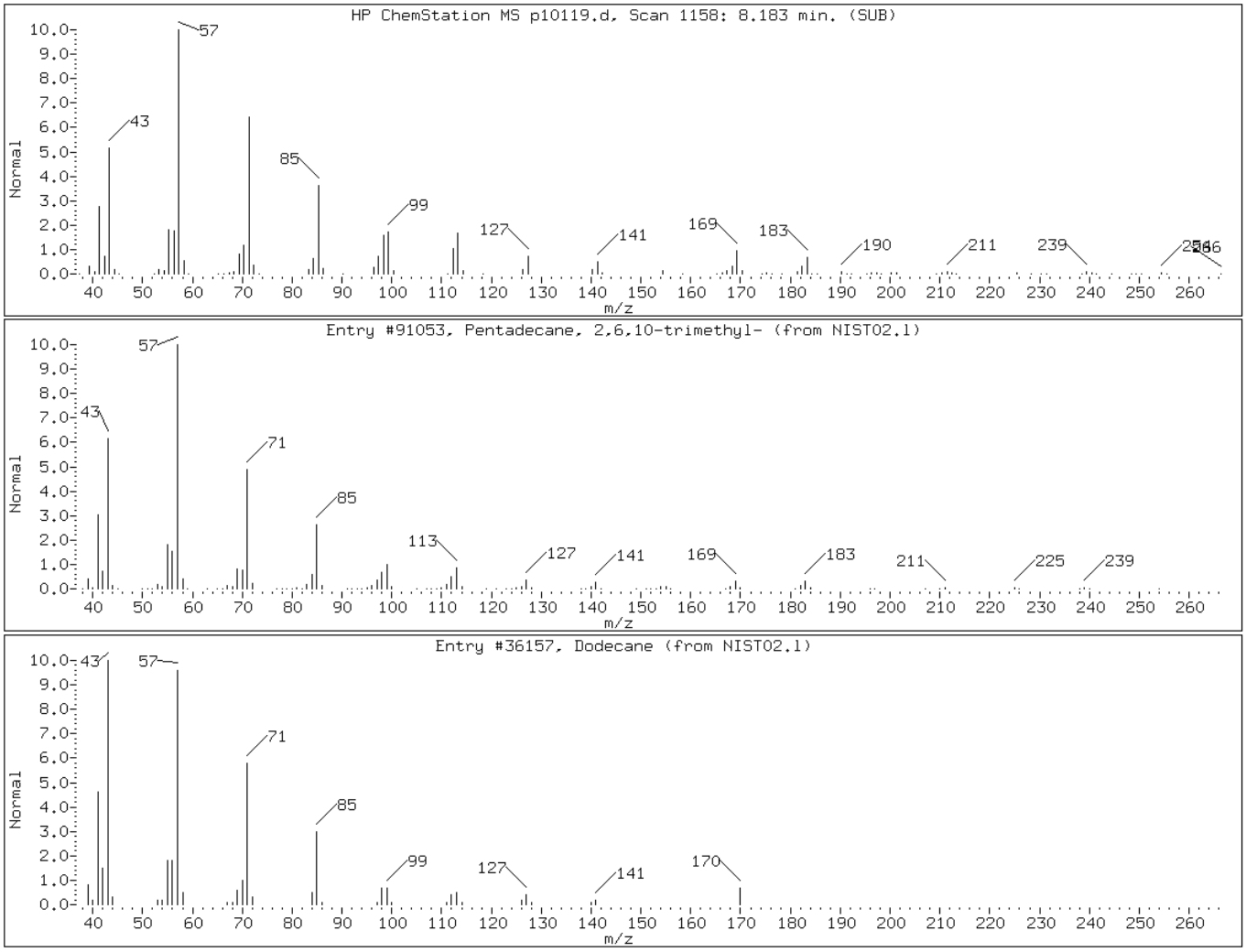
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 8.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	86	C18H38	254
Dodecane	112-40-3	NIST02.l	36157	72	C12H26	170



Data File: p10119.d

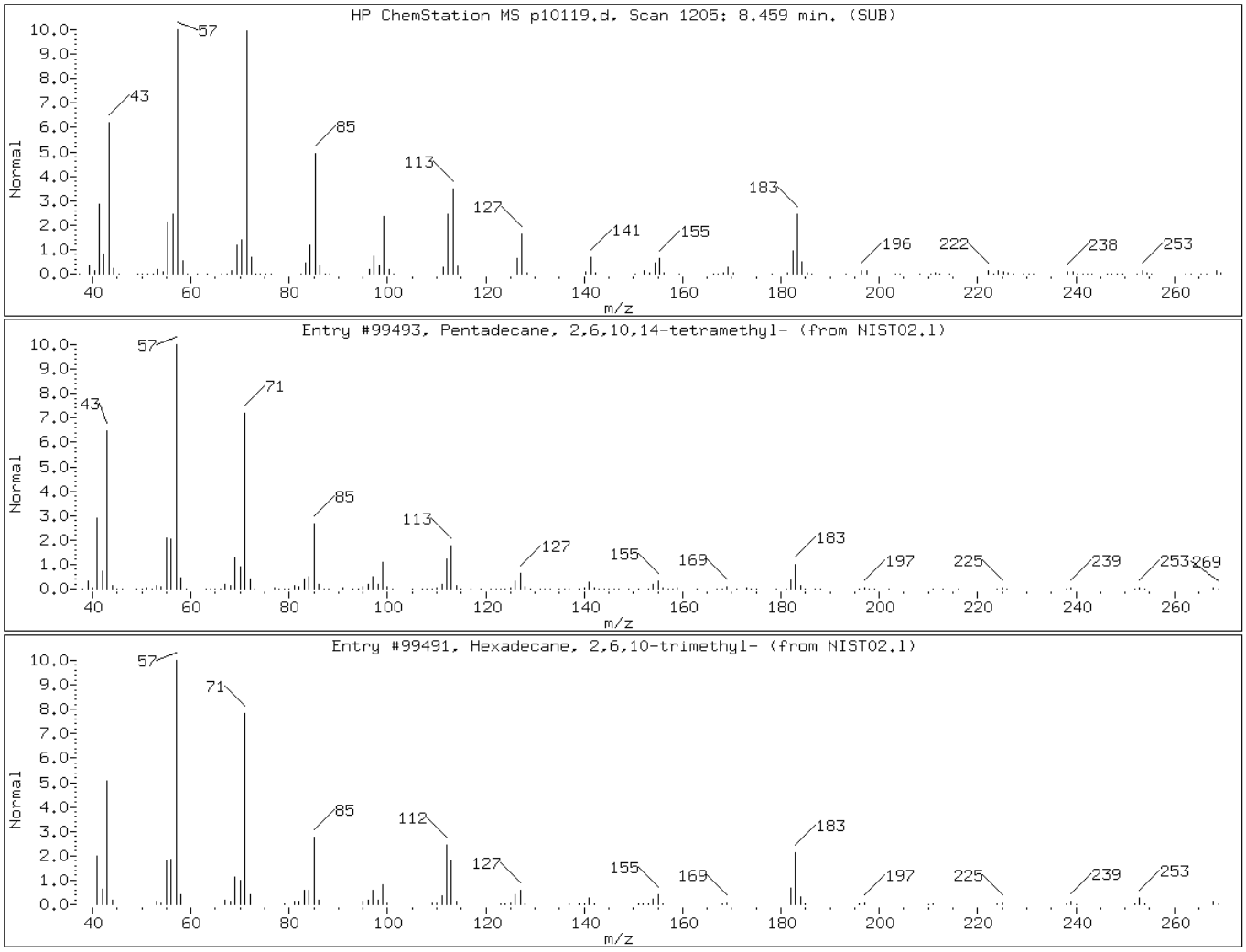
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 8.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	93	C19H40	268
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.l	99491	89	C19H40	268



Data File: p10119.d

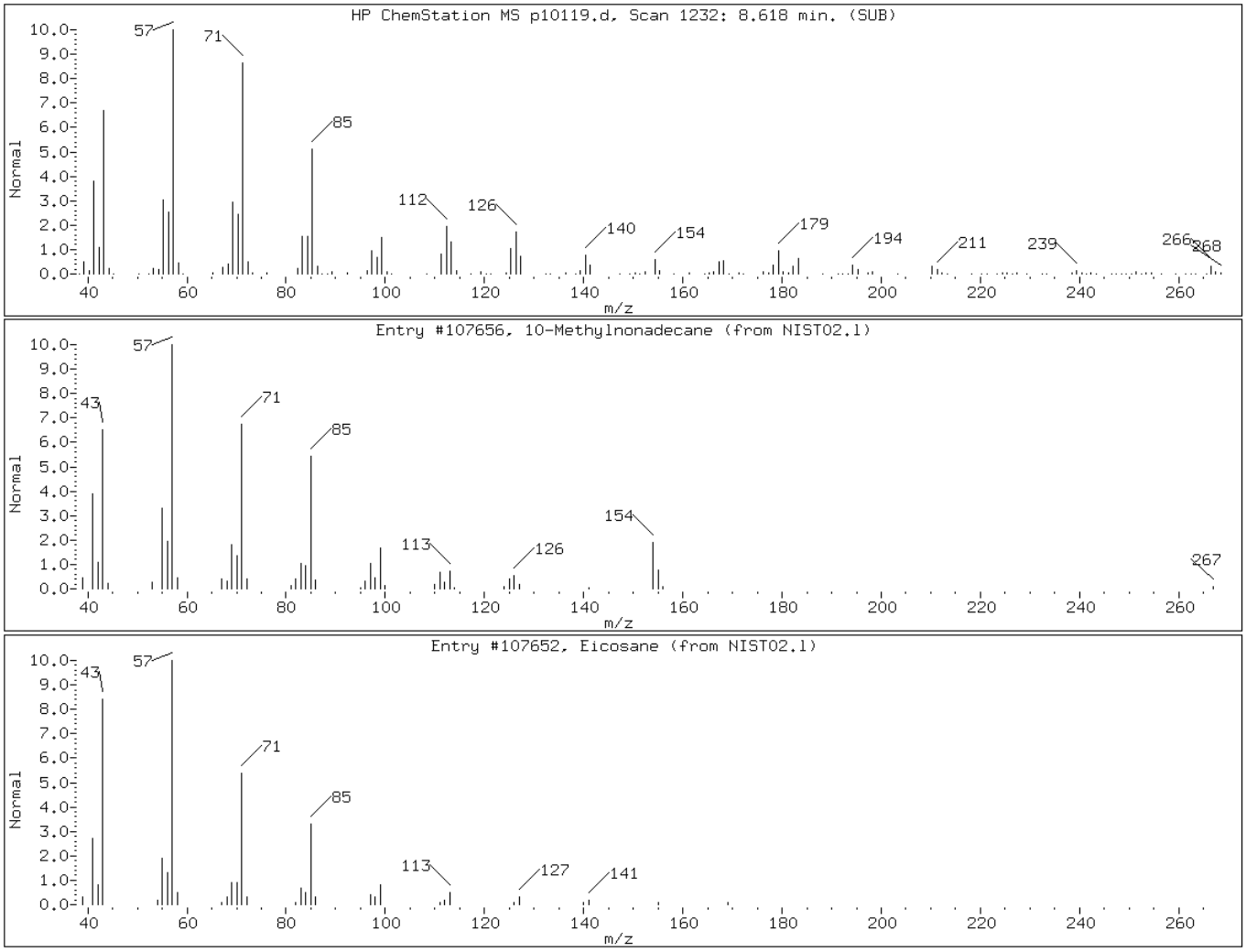
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 8.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
10-Methylnonadecane	56862-62-5	NIST02.l	107656	64	C20H42	282
Eicosane	112-95-8	NIST02.l	107652	64	C20H42	282



Data File: p10119.d

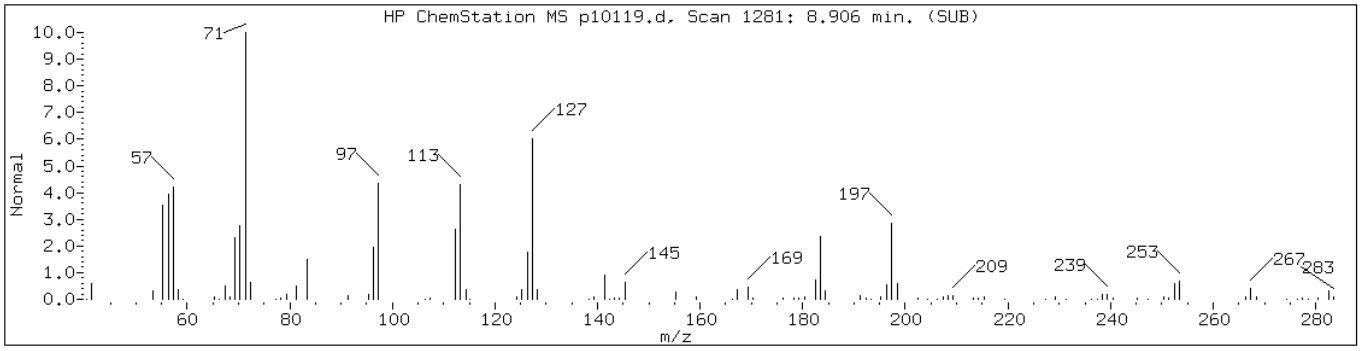
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 8.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-7						
Unknown						



Data File: p10119.d

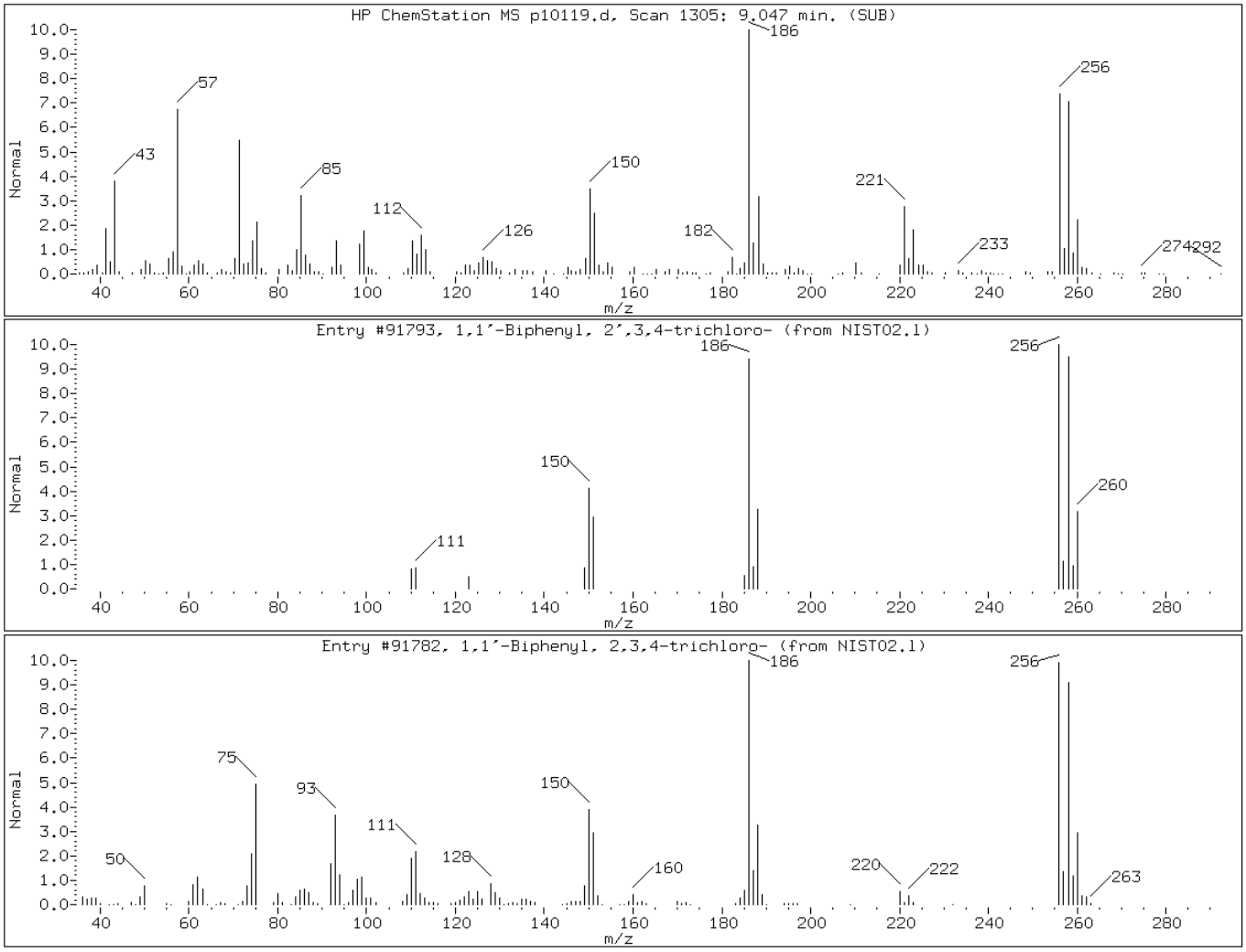
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 9.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	97	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	93	C12H7Cl3	256



Data File: p10119.d

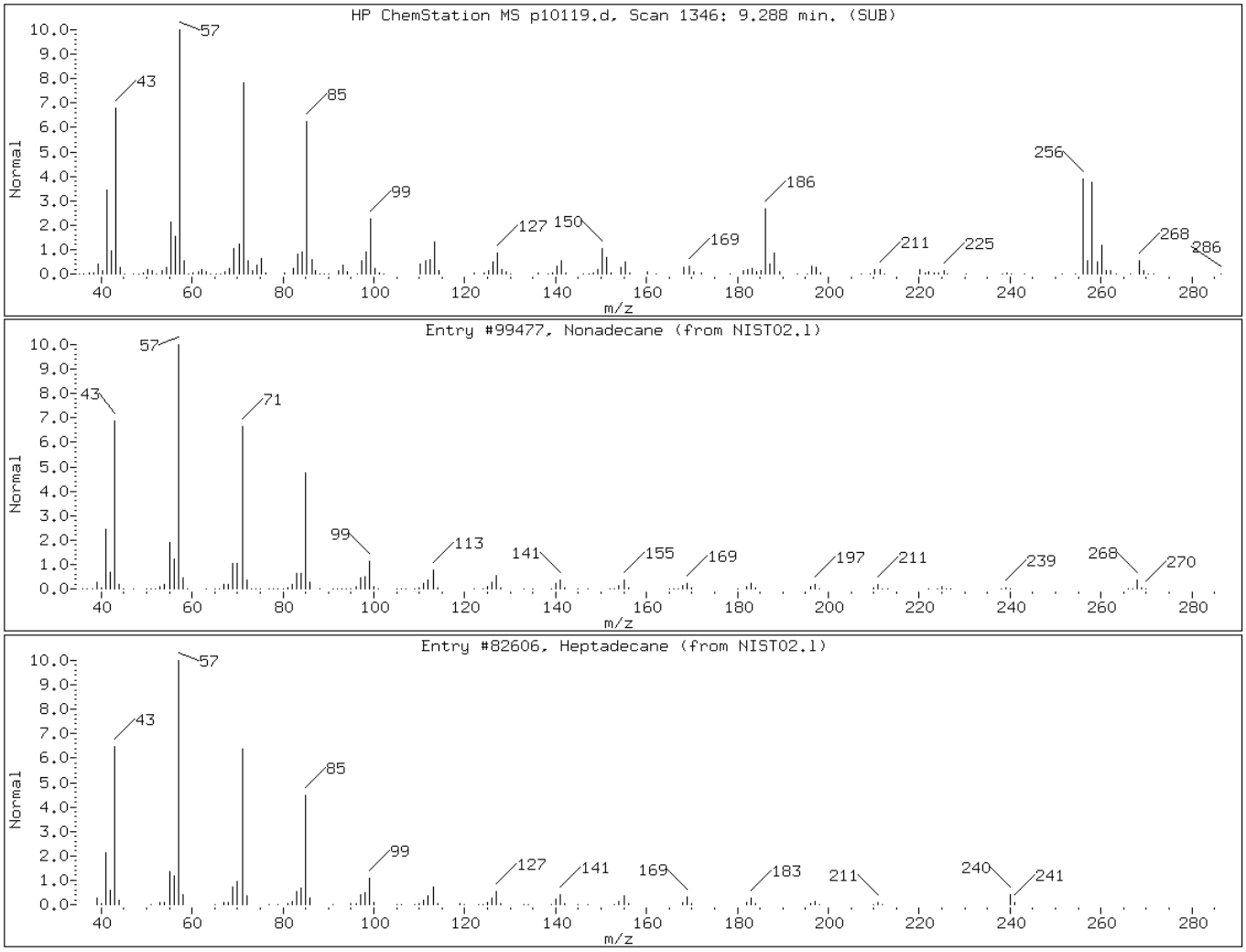
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 9.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Nonadecane	629-92-5	NIST02.l	99477	96	C19H40	268
Heptadecane	629-78-7	NIST02.l	82606	70	C17H36	240



Data File: p10119.d

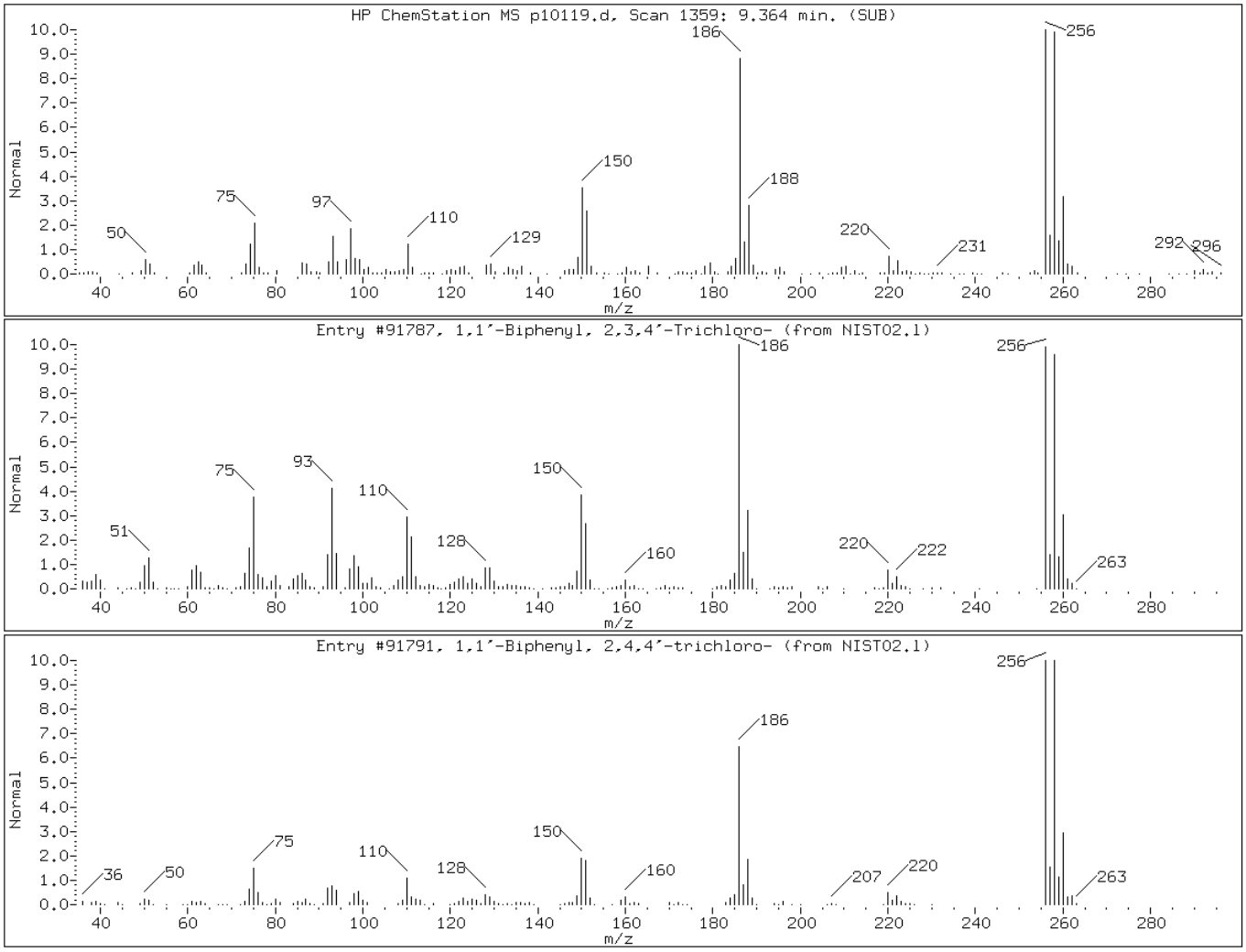
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 9.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.l	91787	96	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	96	C12H7Cl3	256



Data File: p10119.d

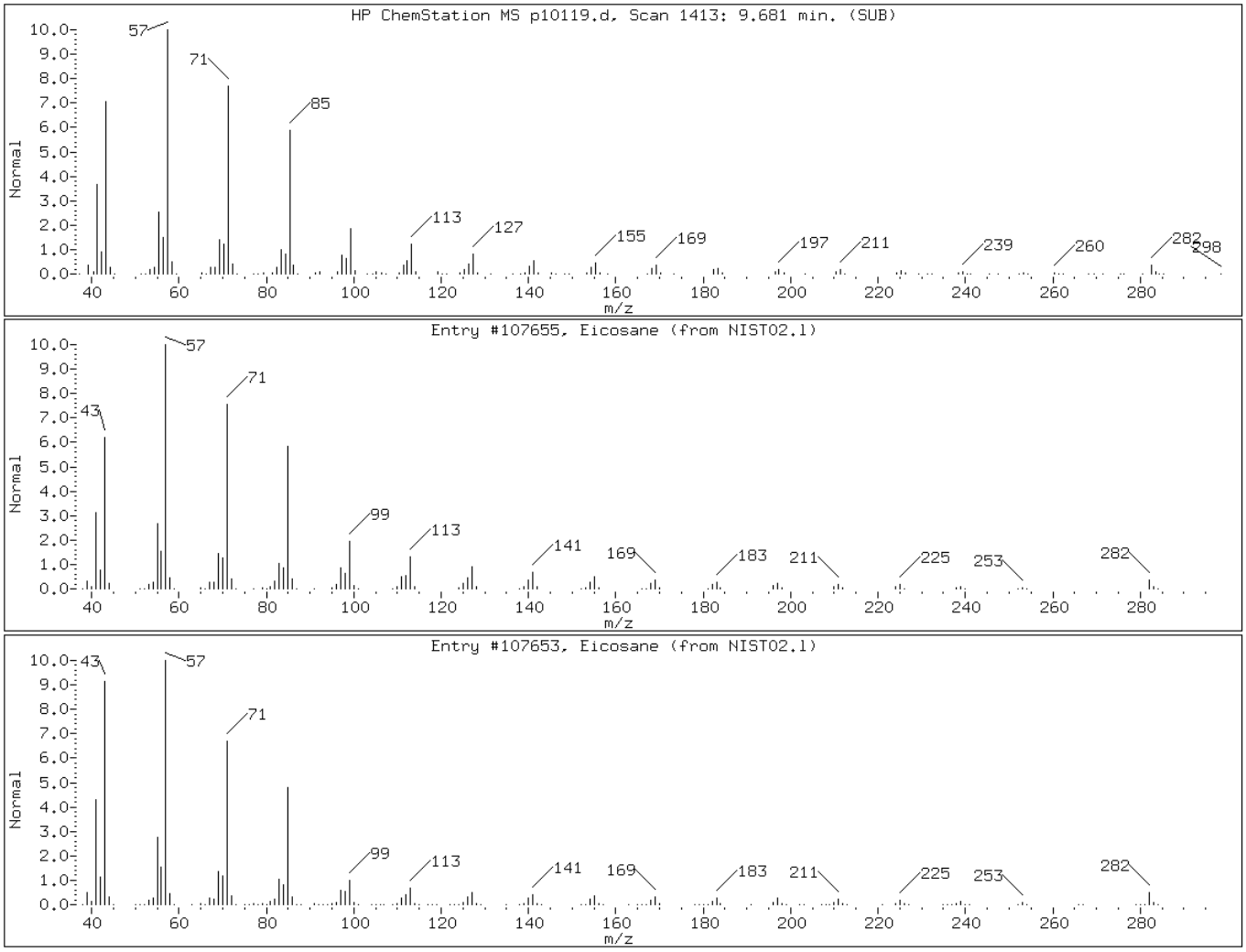
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 9.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Eicosane	112-95-8	NIST02.l	107655	99	C20H42	282
Eicosane	112-95-8	NIST02.l	107653	98	C20H42	282



Data File: p10119.d

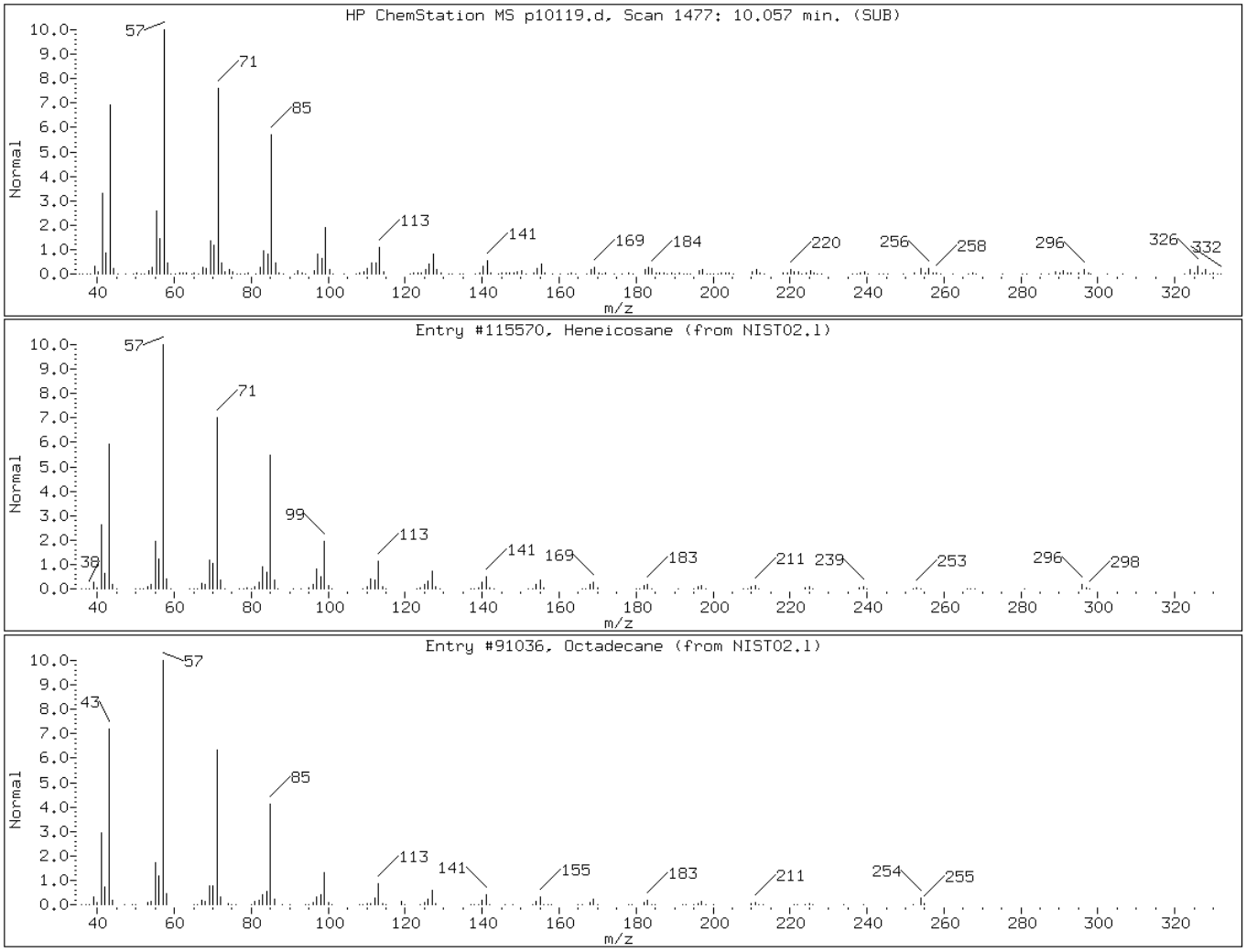
Date: 30-MAR-2011 09:13

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-12-C Operator: BNAMS 4

Retention Time: 10.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Heneicosane	629-94-7	NIST02.l	115570	99	C21H44	296
Octadecane	593-45-3	NIST02.l	91036	96	C18H38	254



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SI-E (15.5-16) | Lab Sample ID: 460-24277-13

Matrix: Solid | Lab File ID: p10103.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:10

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 02:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	370	U	370	45
95-57-8	2-Chlorophenol	370	U	370	49
95-48-7	2-Methylphenol	370	U	370	53
106-44-5	4-Methylphenol	370	U	370	61
100-52-7	Benzaldehyde	370	U	370	23
98-86-2	Acetophenone	370	U	370	55
111-44-4	Bis(2-chloroethyl)ether	37	U	37	7.7
108-60-1	2,2'-oxybis[1-chloropropane]	370	U	370	48
621-64-7	N-Nitrosodi-n-propylamine	37	U	37	4.9
98-95-3	Nitrobenzene	37	U	37	8.3
67-72-1	Hexachloroethane	37	U	37	6.2
78-59-1	Isophorone	370	U	370	42
88-75-5	2-Nitrophenol	370	U	370	61
105-67-9	2,4-Dimethylphenol	370	U	370	59
120-83-2	2,4-Dichlorophenol	370	U	370	59
111-91-1	Bis(2-chloroethoxy)methane	370	U	370	53
91-20-3	Naphthalene	370	U	370	54
106-47-8	4-Chloroaniline	370	U	370	46
87-68-3	Hexachlorobutadiene	75	U	75	15
105-60-2	Caprolactam	370	U	370	51
59-50-7	4-Chloro-3-methylphenol	370	U	370	62
91-57-6	2-Methylnaphthalene	370	U	370	54
118-74-1	Hexachlorobenzene	37	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	370	U	370	110
88-06-2	2,4,6-Trichlorophenol	370	U	370	66
95-95-4	2,4,5-Trichlorophenol	370	U	370	71
92-52-4	Diphenyl	370	U	370	61
91-58-7	2-Chloronaphthalene	370	U	370	52
88-74-4	2-Nitroaniline	750	U	750	100
606-20-2	2,6-Dinitrotoluene	75	U	75	9.4
131-11-3	Dimethyl phthalate	370	U	370	50
208-96-8	Acenaphthylene	370	U	370	53
99-09-2	3-Nitroaniline	750	U	750	84
83-32-9	Acenaphthene	370	U	370	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SI-E (15.5-16) | Lab Sample ID: 460-24277-13

Matrix: Solid | Lab File ID: p10103.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:10

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 02:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	95
51-28-5	2,4-Dinitrophenol	1100	U	1100	78
132-64-9	Dibenzofuran	370	U	370	55
84-66-2	Diethyl phthalate	370	U	370	50
86-73-7	Fluorene	370	U	370	63
206-44-0	Fluoranthene	370	U	370	61
84-74-2	Di-n-butyl phthalate	370	U	370	57
121-14-2	2,4-Dinitrotoluene	75	U	75	11
7005-72-3	4-Chlorophenyl phenyl ether	370	U	370	64
100-01-6	4-Nitroaniline	750	U	750	76
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	370	U	370	66
1912-24-9	Atrazine	370	U	370	69
120-12-7	Anthracene	370	U	370	65
86-74-8	Carbazole	370	U	370	59
85-01-8	Phenanthrene	370	U	370	64
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	370	U	370	64
218-01-9	Chrysene	370	U	370	54
207-08-9	Benzo[k]fluoranthene	37	U	37	5.2
191-24-2	Benzo[g,h,i]perylene	370	U	370	39
205-99-2	Benzo[b]fluoranthene	37	U	37	5.5
50-32-8	Benzo[a]pyrene	37	U	37	4.5
56-55-3	Benzo[a]anthracene	37	U	37	6.8
86-30-6	N-Nitrosodiphenylamine	370	U	370	60
85-68-7	Butyl benzyl phthalate	370	U	370	43
117-81-7	Bis(2-ethylhexyl) phthalate	370	U	370	49
117-84-0	Di-n-octyl phthalate	370	U	370	44
193-39-5	Indeno[1,2,3-cd]pyrene	37	U	37	5.9
53-70-3	Dibenz(a,h)anthracene	37	U	37	4.4
91-94-1	3,3'-Dichlorobenzidine	750	U	750	82
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	370	74

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SI-E (15.5-16) Lab Sample ID: 460-24277-13

Matrix: Solid Lab File ID: p10103.d

Analysis Method: 8270C Date Collected: 03/17/2011 16:10

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.02(g) Date Analyzed: 03/30/2011 02:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	72		10-120
367-12-4	2-Fluorophenol	79		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SI-E (15.5-16) Lab Sample ID: 460-24277-13

Matrix: Solid Lab File ID: p10103.d

Analysis Method: 8270C Date Collected: 03/17/2011 16:10

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.02(g) Date Analyzed: 03/30/2011 02:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10103.d
Report Date: 30-Mar-2011 11:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10103.d
Lab Smp Id: 460-24277-F-13-A Client Smp ID: PMP-13-SI-E (15.5-1
Inj Date : 30-MAR-2011 02:03
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-13-A
Misc Info : 460-24277-F-13-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 33
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	10.56911	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.901	2.883	(0.678)	828507	78.6557	5800
$ 17 Phenol-d5 (SUR)	99	3.912	3.923	(0.914)	952888	79.6482	5900
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	332799	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.865)	459818	40.4933	3000
* 80 Naphthalene-d8	136	5.651	5.657	(1.000)	1171708	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.779	6.785	(0.910)	787085	39.5705	2900
* 82 Acenaphthene-d10	164	7.449	7.454	(1.000)	609336	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.236	8.242	(1.106)	150581	72.4481	5400
* 83 Phenanthrene-d10	188	8.912	8.917	(1.000)	744766	40.0000	
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	439326	38.9058	2900
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	513803	40.0000	
* 84 Perylene-d12	264	13.418	13.424	(1.000)	479219	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10103.d
Report Date: 30-Mar-2011 11:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10103.d
Lab Smp Id: 460-24277-F-13-A Client Smp ID: PMP-13-SI-E (15.5-1
Inj Date : 30-MAR-2011 02:03
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-13-A
Misc Info : 460-24277-F-13-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 33
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

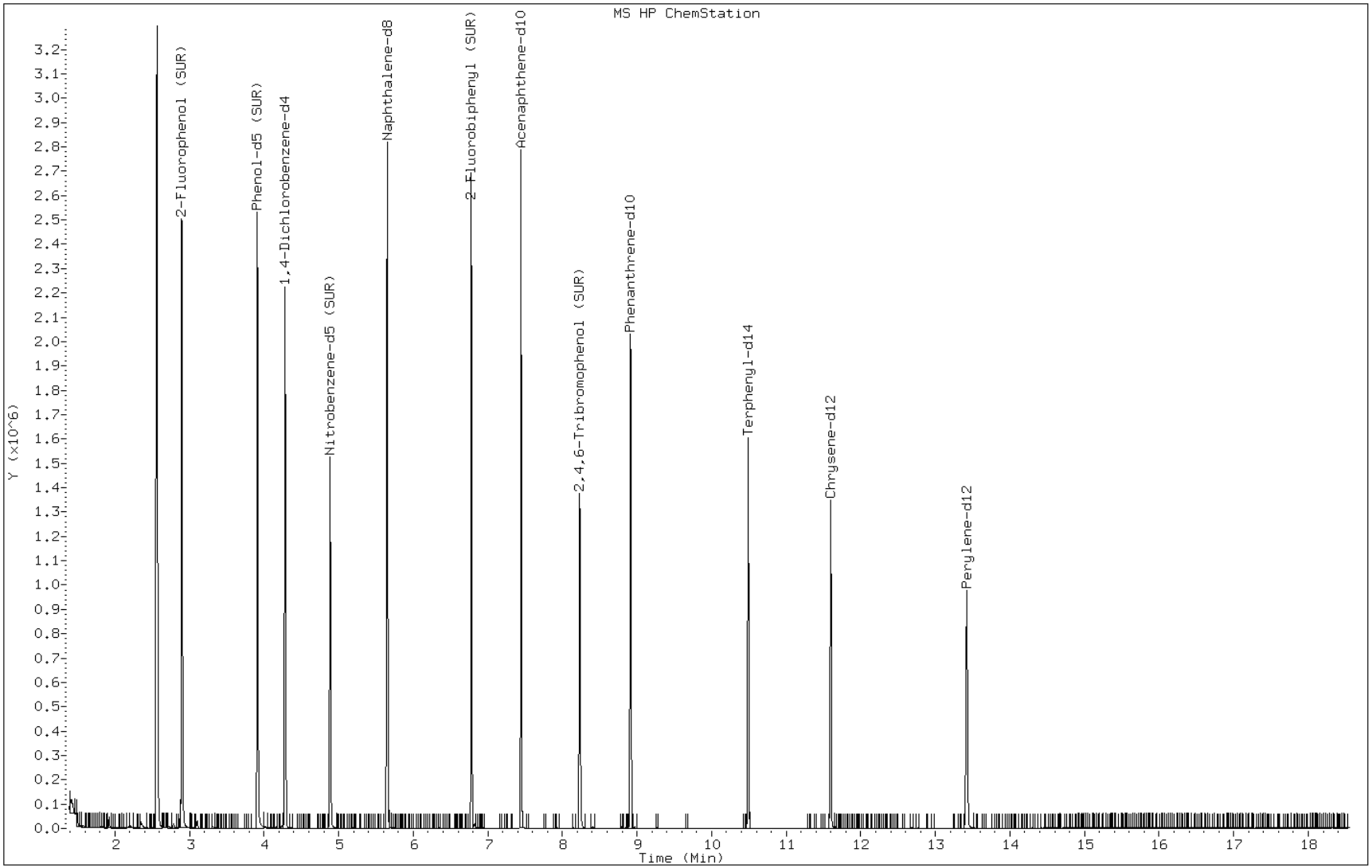
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10103.d

Date: 30-MAR-2011 02:03

Client ID: PMP-13-SI-E (15.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-13-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SD-E (23.5-24) | Lab Sample ID: 460-24277-14

Matrix: Solid | Lab File ID: p10104.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:15

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.98(g) | Date Analyzed: 03/30/2011 02:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	390	U	390	48
95-57-8	2-Chlorophenol	390	U	390	52
95-48-7	2-Methylphenol	390	U	390	56
106-44-5	4-Methylphenol	390	U	390	64
100-52-7	Benzaldehyde	390	U	390	24
98-86-2	Acetophenone	390	U	390	58
111-44-4	Bis(2-chloroethyl)ether	39	U	39	8.2
108-60-1	2,2'-oxybis[1-chloropropane]	390	U	390	51
621-64-7	N-Nitrosodi-n-propylamine	39	U	39	5.2
98-95-3	Nitrobenzene	39	U	39	8.8
67-72-1	Hexachloroethane	39	U	39	6.6
78-59-1	Isophorone	390	U	390	45
88-75-5	2-Nitrophenol	390	U	390	64
105-67-9	2,4-Dimethylphenol	390	U	390	63
120-83-2	2,4-Dichlorophenol	390	U	390	63
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	56
91-20-3	Naphthalene	390	U	390	57
106-47-8	4-Chloroaniline	390	U	390	49
87-68-3	Hexachlorobutadiene	79	U	79	16
105-60-2	Caprolactam	390	U	390	54
59-50-7	4-Chloro-3-methylphenol	390	U	390	66
91-57-6	2-Methylnaphthalene	390	U	390	57
118-74-1	Hexachlorobenzene	39	U	39	5.4
77-47-4	Hexachlorocyclopentadiene	390	U	390	110
88-06-2	2,4,6-Trichlorophenol	390	U	390	70
95-95-4	2,4,5-Trichlorophenol	390	U	390	75
92-52-4	Diphenyl	390	U	390	64
91-58-7	2-Chloronaphthalene	390	U	390	55
88-74-4	2-Nitroaniline	790	U	790	110
606-20-2	2,6-Dinitrotoluene	79	U	79	10
131-11-3	Dimethyl phthalate	390	U	390	53
208-96-8	Acenaphthylene	390	U	390	56
99-09-2	3-Nitroaniline	790	U	790	89
83-32-9	Acenaphthene	390	U	390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SD-E (23.5-24) | Lab Sample ID: 460-24277-14

Matrix: Solid | Lab File ID: p10104.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:15

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.98(g) | Date Analyzed: 03/30/2011 02:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	100
51-28-5	2,4-Dinitrophenol	1200	U	1200	83
132-64-9	Dibenzofuran	390	U	390	59
84-66-2	Diethyl phthalate	390	U	390	53
86-73-7	Fluorene	390	U	390	66
206-44-0	Fluoranthene	390	U	390	65
84-74-2	Di-n-butyl phthalate	390	U	390	60
121-14-2	2,4-Dinitrotoluene	79	U	79	11
7005-72-3	4-Chlorophenyl phenyl ether	390	U	390	67
100-01-6	4-Nitroaniline	790	U	790	81
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	190
101-55-3	4-Bromophenyl phenyl ether	390	U	390	70
1912-24-9	Atrazine	390	U	390	73
120-12-7	Anthracene	390	U	390	69
86-74-8	Carbazole	390	U	390	62
85-01-8	Phenanthrene	390	U	390	68
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	390	U	390	68
218-01-9	Chrysene	390	U	390	57
207-08-9	Benzo[k]fluoranthene	39	U	39	5.5
191-24-2	Benzo[g,h,i]perylene	390	U	390	41
205-99-2	Benzo[b]fluoranthene	39	U	39	5.8
50-32-8	Benzo[a]pyrene	39	U	39	4.8
56-55-3	Benzo[a]anthracene	39	U	39	7.2
86-30-6	N-Nitrosodiphenylamine	390	U	390	64
85-68-7	Butyl benzyl phthalate	390	U	390	46
117-81-7	Bis(2-ethylhexyl) phthalate	390	U	390	52
117-84-0	Di-n-octyl phthalate	390	U	390	47
193-39-5	Indeno[1,2,3-cd]pyrene	39	U	39	6.3
53-70-3	Dibenz(a,h)anthracene	39	U	39	4.7
91-94-1	3,3'-Dichlorobenzidine	790	U	790	87
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	390	53
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	78

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SD-E (23.5-24) Lab Sample ID: 460-24277-14

Matrix: Solid Lab File ID: p10104.d

Analysis Method: 8270C Date Collected: 03/17/2011 16:15

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.98(g) Date Analyzed: 03/30/2011 02:29

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	86		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	83		16-151
118-79-6	2,4,6-Tribromophenol	70		10-120
367-12-4	2-Fluorophenol	82		37-125
321-60-8	2-Fluorobiphenyl	82		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SD-E (23.5-24) | Lab Sample ID: 460-24277-14

Matrix: Solid | Lab File ID: p10104.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:15

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.98(g) | Date Analyzed: 03/30/2011 02:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10104.d
Report Date: 30-Mar-2011 11:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10104.d
Lab Smp Id: 460-24277-F-14-A Client Smp ID: PMP-13-SD-E (23.5-2
Inj Date : 30-MAR-2011 02:29
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-14-A
Misc Info : 460-24277-F-14-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 34
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.98000	Weight of sample extracted (g)
M	15.38462	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.901	2.883	(0.678)	934031	82.0378	6500
$ 17 Phenol-d5 (SUR)	99	3.917	3.923	(0.915)	1036495	80.1530	6300
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	359719	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.865)	521143	43.1661	3400
* 80 Naphthalene-d8	136	5.651	5.657	(1.000)	1245750	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.779	6.785	(0.910)	850095	41.0985	3200
* 82 Acenaphthene-d10	164	7.449	7.454	(1.000)	633649	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.236	8.242	(1.106)	150565	69.6608	5500
* 83 Phenanthrene-d10	188	8.912	8.917	(1.000)	726616	40.0000	
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	439216	41.5882	3300
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	480543	40.0000	
* 84 Perylene-d12	264	13.418	13.424	(1.000)	469212	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10104.d
Report Date: 30-Mar-2011 11:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10104.d
Lab Smp Id: 460-24277-F-14-A Client Smp ID: PMP-13-SD-E (23.5-2
Inj Date : 30-MAR-2011 02:29
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-14-A
Misc Info : 460-24277-F-14-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 34
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

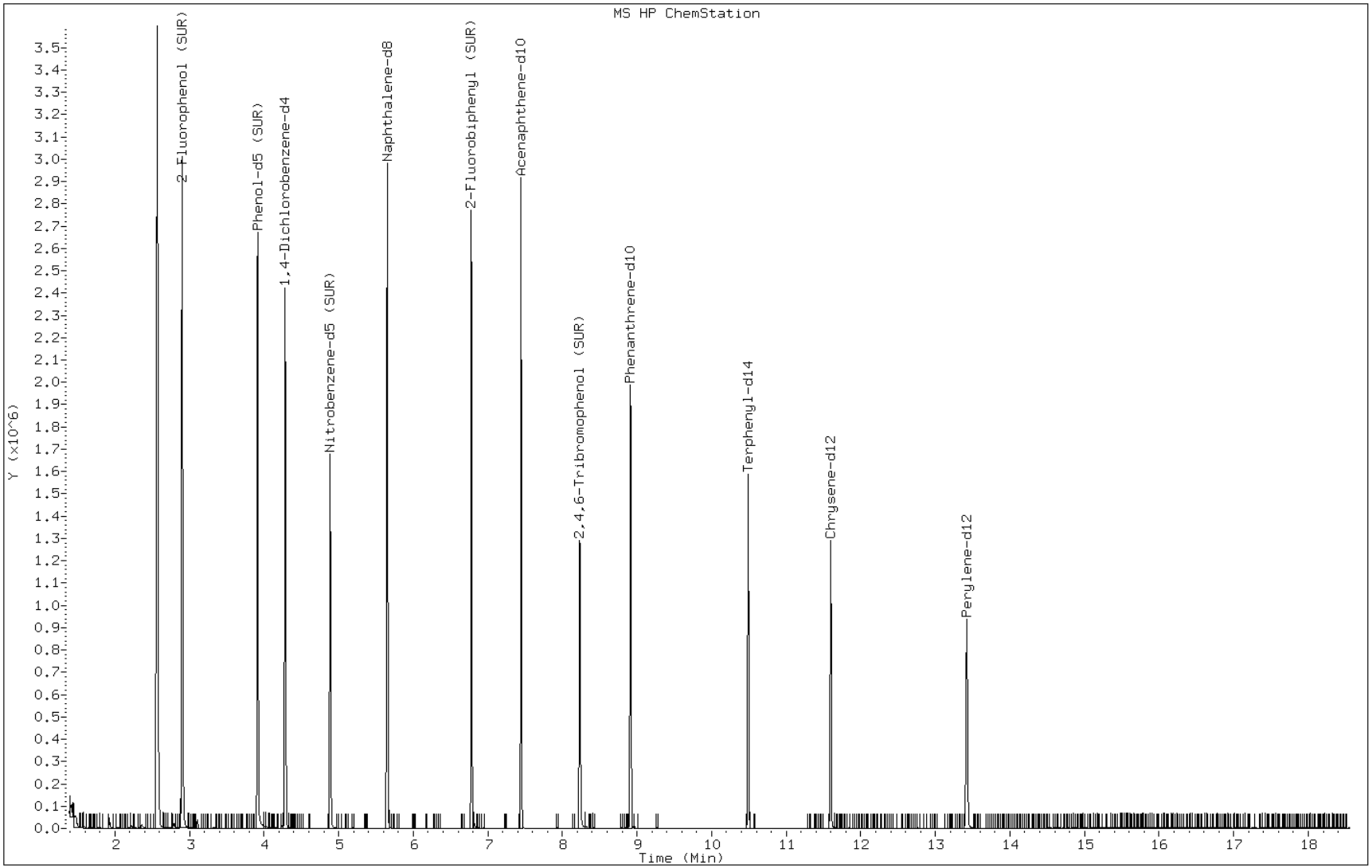
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10104.d

Date: 30-MAR-2011 02:29

Client ID: PMP-13-SD-E (23.5-2 Instrument: BNAMS10.i

Sample Info: 460-24277-F-14-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-15

Matrix: Solid | Lab File ID: p10105.d

Analysis Method: 8270C | Date Collected: 03/18/2011 09:20

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.99(g) | Date Analyzed: 03/30/2011 02:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	44
95-57-8	2-Chlorophenol	350	U	350	48
95-48-7	2-Methylphenol	350	U	350	51
106-44-5	4-Methylphenol	350	U	350	58
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	53
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.4
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	47
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.7
98-95-3	Nitrobenzene	35	U	35	8.0
67-72-1	Hexachloroethane	35	U	35	6.0
78-59-1	Isophorone	350	U	350	41
88-75-5	2-Nitrophenol	350	U	350	58
105-67-9	2,4-Dimethylphenol	350	U	350	57
120-83-2	2,4-Dichlorophenol	350	U	350	57
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	51
91-20-3	Naphthalene	350	U	350	52
106-47-8	4-Chloroaniline	350	U	350	45
87-68-3	Hexachlorobutadiene	72	U	72	14
105-60-2	Caprolactam	350	U	350	49
59-50-7	4-Chloro-3-methylphenol	350	U	350	60
91-57-6	2-Methylnaphthalene	350	U	350	52
118-74-1	Hexachlorobenzene	35	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	64
95-95-4	2,4,5-Trichlorophenol	350	U	350	68
92-52-4	Diphenyl	350	U	350	59
91-58-7	2-Chloronaphthalene	350	U	350	50
88-74-4	2-Nitroaniline	720	U	720	97
606-20-2	2,6-Dinitrotoluene	72	U	72	9.0
131-11-3	Dimethyl phthalate	350	U	350	48
208-96-8	Acenaphthylene	350	U	350	51
99-09-2	3-Nitroaniline	720	U	720	80
83-32-9	Acenaphthene	350	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-15

Matrix: Solid | Lab File ID: p10105.d

Analysis Method: 8270C | Date Collected: 03/18/2011 09:20

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.99(g) | Date Analyzed: 03/30/2011 02:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	91
51-28-5	2,4-Dinitrophenol	1100	U	1100	75
132-64-9	Dibenzofuran	350	U	350	53
84-66-2	Diethyl phthalate	350	U	350	48
86-73-7	Fluorene	350	U	350	60
206-44-0	Fluoranthene	350	U	350	59
84-74-2	Di-n-butyl phthalate	350	U	350	54
121-14-2	2,4-Dinitrotoluene	72	U	72	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	61
100-01-6	4-Nitroaniline	720	U	720	73
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	63
1912-24-9	Atrazine	350	U	350	66
120-12-7	Anthracene	350	U	350	63
86-74-8	Carbazole	350	U	350	57
85-01-8	Phenanthrene	350	U	350	62
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	350	U	350	61
218-01-9	Chrysene	350	U	350	52
207-08-9	Benzo[k]fluoranthene	35	U	35	5.0
191-24-2	Benzo[g,h,i]perylene	350	U	350	38
205-99-2	Benzo[b]fluoranthene	35	U	35	5.3
50-32-8	Benzo[a]pyrene	35	U	35	4.4
56-55-3	Benzo[a]anthracene	35	U	35	6.6
86-30-6	N-Nitrosodiphenylamine	350	U	350	58
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	47
117-84-0	Di-n-octyl phthalate	350	U	350	42
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.7
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.3
91-94-1	3,3'-Dichlorobenzidine	720	U	720	79
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	48
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	71

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) Lab Sample ID: 460-24277-15

Matrix: Solid Lab File ID: p10105.d

Analysis Method: 8270C Date Collected: 03/18/2011 09:20

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.99(g) Date Analyzed: 03/30/2011 02:56

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	87		38-105
4165-62-2	Phenol-d5	85		41-118
1718-51-0	Terphenyl-d14	79		16-151
118-79-6	2,4,6-Tribromophenol	70		10-120
367-12-4	2-Fluorophenol	84		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) Lab Sample ID: 460-24277-15

Matrix: Solid Lab File ID: p10105.d

Analysis Method: 8270C Date Collected: 03/18/2011 09:20

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.99(g) Date Analyzed: 03/30/2011 02:56

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10105.d
Report Date: 30-Mar-2011 11:28

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10105.d
Lab Smp Id: 460-24277-F-15-A Client Smp ID: PMP-16-VD-E (3.5-4.
Inj Date : 30-MAR-2011 02:56
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-15-A
Misc Info : 460-24277-F-15-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 35
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.99000	Weight of sample extracted (g)
M	6.90608	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.901	2.883	(0.678)	884124	84.1161	6000
$ 17 Phenol-d5 (SUR)	99	3.911	3.923	(0.914)	1012121	84.7810	6100
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	332086	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.865)	490248	43.5421	3100
* 80 Naphthalene-d8	136	5.651	5.657	(1.000)	1161780	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.779	6.785	(0.910)	812173	41.8477	3000
* 82 Acenaphthene-d10	164	7.449	7.454	(1.000)	594544	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.236	8.242	(1.106)	142399	70.2164	5000
* 83 Phenanthrene-d10	188	8.917	8.917	(1.000)	712116	40.0000	
115 n-Octadecane	57	8.847	8.847	(0.992)	13532	1.48676	110(a)
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	440768	39.4943	2800
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	507809	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	468505	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10105.d
Report Date: 30-Mar-2011 11:28

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10105.d
Report Date: 30-Mar-2011 11:28

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10105.d
Lab Smp Id: 460-24277-F-15-A Client Smp ID: PMP-16-VD-E (3.5-4.
Inj Date : 30-MAR-2011 02:56
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-15-A
Misc Info : 460-24277-F-15-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 35
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

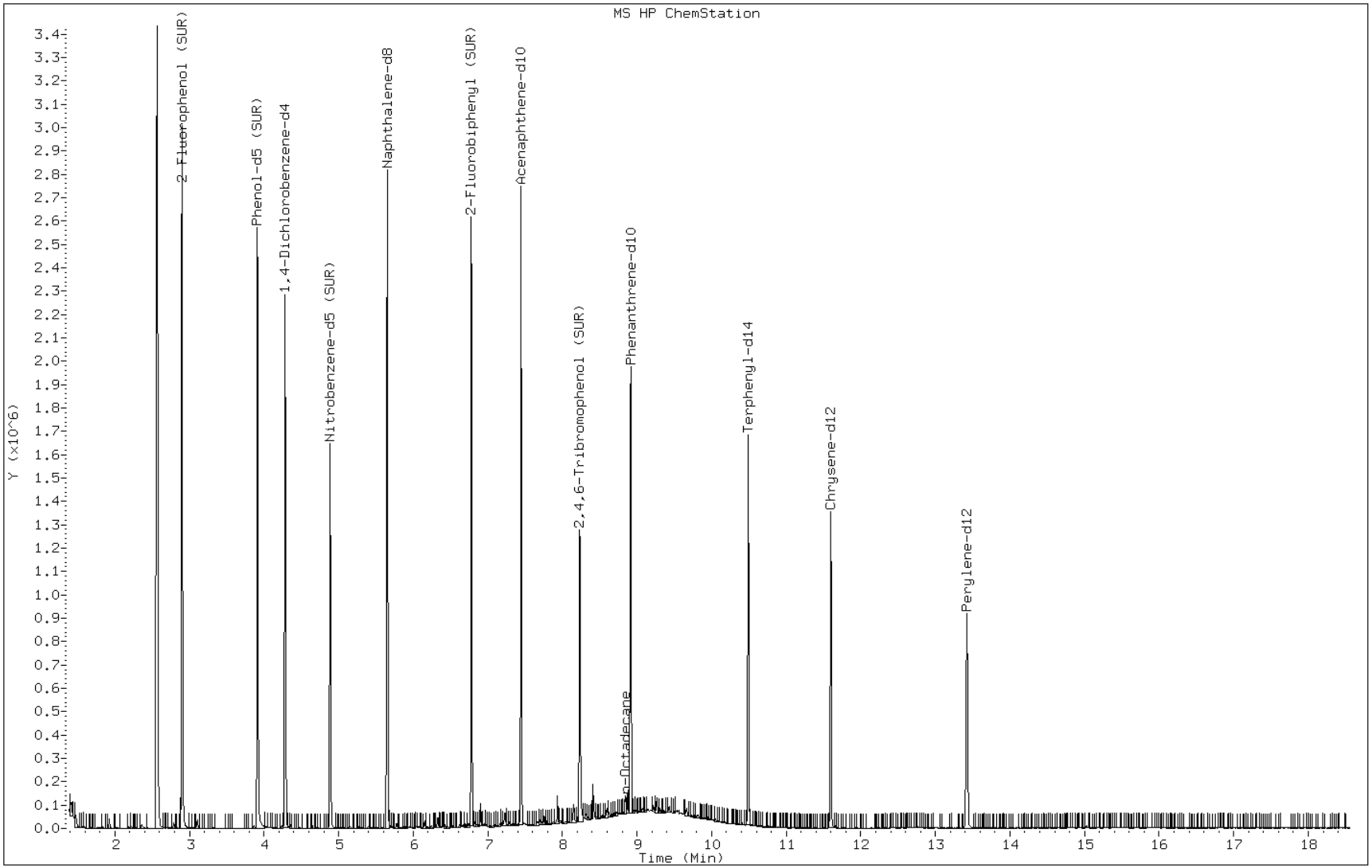
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10105.d

Date: 30-MAR-2011 02:56

Client ID: PMP-16-VD-E (3.5-4. Instrument: BNAMS10.i

Sample Info: 460-24277-F-15-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-WT-E (8.0-8.5) | Lab Sample ID: 460-24277-16

Matrix: Solid | Lab File ID: p10125.d

Analysis Method: 8270C | Date Collected: 03/18/2011 09:25

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.96(g) | Date Analyzed: 03/30/2011 11:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1900	U	1900	230
95-57-8	2-Chlorophenol	1900	U	1900	250
95-48-7	2-Methylphenol	1900	U	1900	270
106-44-5	4-Methylphenol	1900	U	1900	310
100-52-7	Benzaldehyde	1900	U	1900	120
98-86-2	Acetophenone	1900	U	1900	280
111-44-4	Bis(2-chloroethyl)ether	190	U	190	39
108-60-1	2,2'-oxybis[1-chloropropane]	1900	U	1900	250
621-64-7	N-Nitrosodi-n-propylamine	190	U	190	25
98-95-3	Nitrobenzene	190	U	190	42
67-72-1	Hexachloroethane	190	U	190	32
78-59-1	Isophorone	1900	U	1900	220
88-75-5	2-Nitrophenol	1900	U	1900	310
105-67-9	2,4-Dimethylphenol	1900	U	1900	300
120-83-2	2,4-Dichlorophenol	1900	U	1900	300
111-91-1	Bis(2-chloroethoxy)methane	1900	U	1900	270
91-20-3	Naphthalene	6100		1900	270
106-47-8	4-Chloroaniline	1900	U	1900	240
87-68-3	Hexachlorobutadiene	380	U	380	76
105-60-2	Caprolactam	1900	U	1900	260
59-50-7	4-Chloro-3-methylphenol	1900	U	1900	310
91-57-6	2-Methylnaphthalene	28000		1900	270
118-74-1	Hexachlorobenzene	190	U	190	26
77-47-4	Hexachlorocyclopentadiene	1900	U	1900	550
88-06-2	2,4,6-Trichlorophenol	1900	U	1900	340
95-95-4	2,4,5-Trichlorophenol	1900	U	1900	360
92-52-4	Diphenyl	2200		1900	310
91-58-7	2-Chloronaphthalene	1900	U	1900	260
88-74-4	2-Nitroaniline	3800	U	3800	510
606-20-2	2,6-Dinitrotoluene	380	U	380	48
131-11-3	Dimethyl phthalate	1900	U	1900	250
208-96-8	Acenaphthylene	1900	U	1900	270
99-09-2	3-Nitroaniline	3800	U	3800	420
83-32-9	Acenaphthene	1900	U	1900	270

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-WT-E (8.0-8.5) | Lab Sample ID: 460-24277-16

Matrix: Solid | Lab File ID: p10125.d

Analysis Method: 8270C | Date Collected: 03/18/2011 09:25

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.96(g) | Date Analyzed: 03/30/2011 11:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5700	U	5700	480
51-28-5	2,4-Dinitrophenol	5700	U	5700	400
132-64-9	Dibenzofuran	1900	U	1900	280
84-66-2	Diethyl phthalate	1900	U	1900	250
86-73-7	Fluorene	3000		1900	320
206-44-0	Fluoranthene	1900	U	1900	310
84-74-2	Di-n-butyl phthalate	1900	U	1900	290
121-14-2	2,4-Dinitrotoluene	380	U	380	55
7005-72-3	4-Chlorophenyl phenyl ether	1900	U	1900	320
100-01-6	4-Nitroaniline	3800	U	3800	390
534-52-1	4,6-Dinitro-2-methylphenol	5700	U	5700	900
101-55-3	4-Bromophenyl phenyl ether	1900	U	1900	330
1912-24-9	Atrazine	1900	U	1900	350
120-12-7	Anthracene	1900	U	1900	330
86-74-8	Carbazole	1900	U	1900	300
85-01-8	Phenanthrene	6900		1900	330
87-86-5	Pentachlorophenol	5700	U	5700	920
129-00-0	Pyrene	480	J	1900	320
218-01-9	Chrysene	1900	U	1900	270
207-08-9	Benzo[k]fluoranthene	190	U	190	26
191-24-2	Benzo[g,h,i]perylene	1900	U	1900	200
205-99-2	Benzo[b]fluoranthene	190	U	190	28
50-32-8	Benzo[a]pyrene	190	U	190	23
56-55-3	Benzo[a]anthracene	190	U	190	35
86-30-6	N-Nitrosodiphenylamine	1900	U	1900	310
85-68-7	Butyl benzyl phthalate	1900	U	1900	220
117-81-7	Bis(2-ethylhexyl) phthalate	1900	U	1900	250
117-84-0	Di-n-octyl phthalate	1900	U	1900	220
193-39-5	Indeno[1,2,3-cd]pyrene	190	U	190	30
53-70-3	Dibenz(a,h)anthracene	190	U	190	23
91-94-1	3,3'-Dichlorobenzidine	3800	U	3800	420
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	250
58-90-2	2,3,4,6-Tetrachlorophenol	1900	U	1900	380

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-WT-E (8.0-8.5) Lab Sample ID: 460-24277-16

Matrix: Solid Lab File ID: p10125.d

Analysis Method: 8270C Date Collected: 03/18/2011 09:25

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.96(g) Date Analyzed: 03/30/2011 11:55

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	129	X	38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	46		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	73		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-WT-E (8.0-8.5) | Lab Sample ID: 460-24277-16

Matrix: Solid | Lab File ID: p10125.d

Analysis Method: 8270C | Date Collected: 03/18/2011 09:25

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.96(g) | Date Analyzed: 03/30/2011 11:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 401300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Ethylmethylbenzene isomer	3.78	21000	J
	Trimethylbenzene isomer	4.11	23000	J
	C10H12 Aromatic	5.39	9600	J
	Unknown Alkane-2	5.79	10000	J
	Unknown Alkane-3	6.17	14000	J
90-12-0	1-Methylnaphthalene	6.50	17000	
	Unknown Cycloalkane-3	6.64	21000	J
	Unknown Alkane-5	6.93	11000	J
	Ethylnaphthalene isomer	6.98	13000	J
	Dimethylnaphthalene isomer	7.05	14000	J
575-41-7	1,3-Dimethylnaphthalene	7.13	33000	
	Unknown-2	7.15	11000	J
	Unknown Alkane-6	7.24	34000	J
	Trimethylnaphthalene isomer-1	7.57	12000	J
	Trimethylnaphthalene isomer-2	7.67	16000	J
	Trimethylnaphthalene isomer-3	7.71	12000	J
	Trimethylnaphthalene isomer-4	7.87	8700	J
	Unknown Alkane-7	8.17	23000	J
	Unknown Alkane-8	8.43	63000	J
	Unknown Alkane-9	8.88	35000	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10125.d
Report Date: 03-Apr-2011 11:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10125.d
Lab Smp Id: 460-24277-F-16-A Client Smp ID: PMP-16-WT-E (8.0-8.
Inj Date : 30-MAR-2011 11:55
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-16-A
Misc Info : 460-24277-F-16-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 55
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.96000	Weight of sample extracted (g)
M	11.59251	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.889	2.883	(0.675)	132647	14.8656	5600
$ 17 Phenol-d5 (SUR)	99	3.912	3.923	(0.914)	151175	14.9165	5600
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	281923	40.0000	
22 1,4-Dichlorobenzene	146	4.299	4.305	(1.004)	15924	1.39230	530(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.893	4.899	(0.865)	118314	12.8970	4900(R)
* 80 Naphthalene-d8	136	5.657	5.657	(1.000)	946592	40.0000	
31 Naphthalene	128	5.680	5.680	(1.004)	409972	16.1894	6100
34 2-Methylnaphthalene	142	6.409	6.403	(1.133)	1155875	73.8462	28000
120 1-Methylnaphthalene	142	6.503	6.503	(1.150)	718032	45.2616	17000
$ 77 2-Fluorobiphenyl (SUR)	172	6.785	6.785	(0.910)	121197	7.27333	2700
102 Diphenyl	154	6.885	6.884	(0.924)	112183	5.94204	2200
125 1,3-Dimethylnaphthalene	156	7.125	7.120	(0.956)	1028333	85.9829	32000(H)
* 82 Acenaphthene-d10	164	7.455	7.454	(1.000)	510464	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10125.d
Report Date: 03-Apr-2011 11:52

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
47 Fluorene	166	8.001	8.001	(1.073)	123019	8.03402	3000(H)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.242	8.242	(1.106)	16069	9.22863	3500
* 83 Phenanthrene-d10	188	8.923	8.917	(1.000)	683442	40.0000	
52 Phenanthrene	178	8.947	8.941	(1.003)	363299	18.2796	6900
56 Fluoranthene	202	10.110	10.110	(1.133)	8382	0.47023	180(a)
57 Pyrene	202	10.328	10.328	(0.891)	24654	1.27369	480(a)
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	94314	8.06723	3000
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	531957	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	455397	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10125.d
Report Date: 03-Apr-2011 11:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10125.d
Lab Smp Id: 460-24277-F-16-A Client Smp ID: PMP-16-WT-E (8.0-8.
Inj Date : 30-MAR-2011 11:55
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-16-A
Misc Info : 460-24277-F-16-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 55
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.96000	Weight of sample extracted (g)
M	11.59251	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	4.282	1942791	40.000
* 80 Naphthalene-d8	5.657	8289298	40.000
* 82 Acenaphthene-d10	7.455	4562222	40.000
* 83 Phenanthrene-d10	8.923	1870868	40.000

CONCENTRATIONS					QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10125.d
Report Date: 03-Apr-2011 11:52

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylmethylbenzene isomer					CAS #:		
3.782	2689350	55.3708360	21000	0		0	79
Trimethylbenzene isomer					CAS #:		
4.105	2945188	60.6382672	23000	0		0	79
Tetramethylbenzene isomer					CAS #:		
5.163	2912518	14.0543525	5300	0		0	80
Unknown Cycloalkane-1					CAS #:		
5.281	3223512	15.5550502	5900	0		0	80
C10H12 Aromatic					CAS #:		
5.392	5282816	25.4922193	9600	0		0	80
Unknown Alkane-1					CAS #:		
5.498	3229223	15.5826105	5900	0		0	80
Coeluting Aromatics					CAS #:		
5.721	3033733	14.6392764	5500	0		0	80
Unknown Alkane-2					CAS #:		
5.786	5572887	26.8919562	10000	0		0	80
Unknown-1					CAS #:		
5.880	2490946	12.0200558	4500	0		0	80
Unknown Cycloalkane-2					CAS #:		
6.003	2541159	12.2623578	4600	0		0	80
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
6.080	2812496	13.5716970	5100	0		0	80
Unknown Alkane-3					CAS #:		
6.168	7780959	37.5470073	14000	0		0	80
Tetrahydromethylnaphthalene isomer					CAS #:		
6.197	2466269	11.9009796	4500	0		0	80
Unknown Cycloalkane-3					CAS #:		
6.644	6369298	55.8438234	21000	0		0	82
Unknown Alkane-4					CAS #:		
6.679	2488732	21.8203539	8200	0		0	82

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10125.d
Report Date: 03-Apr-2011 11:52

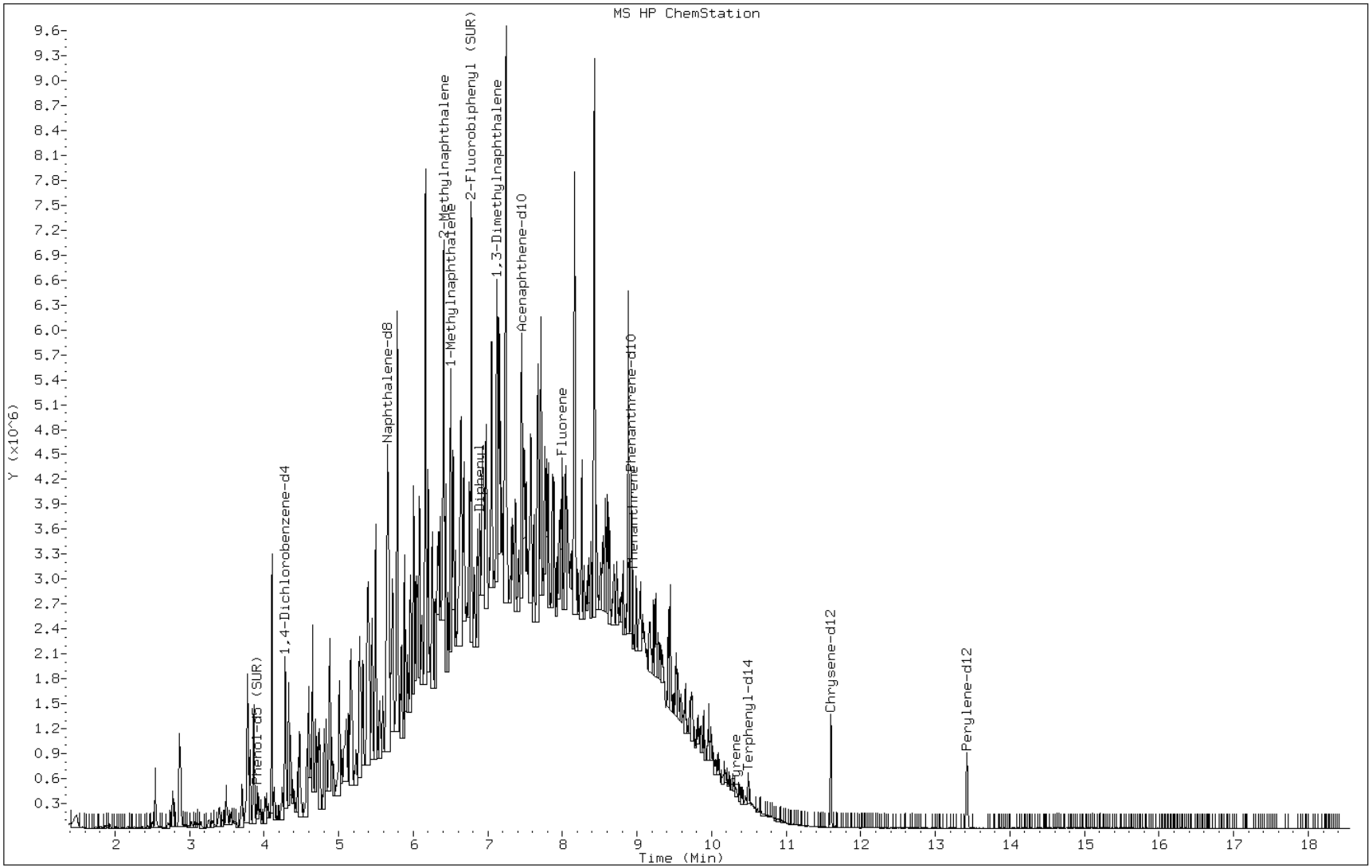
	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-5					CAS #:		
6.926	3416111	29.9512940	11000	0		0	82
Ethylnaphthalene isomer					CAS #:		
6.979	3809385	33.3993854	13000	0		0	82
Dimethylnaphthalene isomer					CAS #:		
7.055	4187370	36.7134290	14000	0		0	82
Unknown-2					CAS #:		
7.149	3346077	29.3372541	11000	0		0	82
Unknown Alkane-6					CAS #:		
7.243	10369699	90.9179656	34000	0		0	82
Trimethylnaphthalene isomer-1					CAS #:		
7.572	3678517	32.2519793	12000	0		0	82
Trimethylnaphthalene isomer-2					CAS #:		
7.672	4866068	42.6640197	16000	0		0	82
Trimethylnaphthalene isomer-3					CAS #:		
7.713	3611942	31.6682702	12000	0		0	82
Trimethylnaphthalene isomer-4					CAS #:		
7.872	2612576	22.9061696	8600	0		0	82
Unknown Alkane-7					CAS #:		
8.165	6916851	60.6445821	23000	0		0	82
Unknown Alkane-8					CAS #:		
8.430	7789229	166.537161	63000	0		0	83
Unknown Alkane-9					CAS #:		
8.882	4358490	93.1864371	35000	0		0	83

Data File: p10125.d

Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4



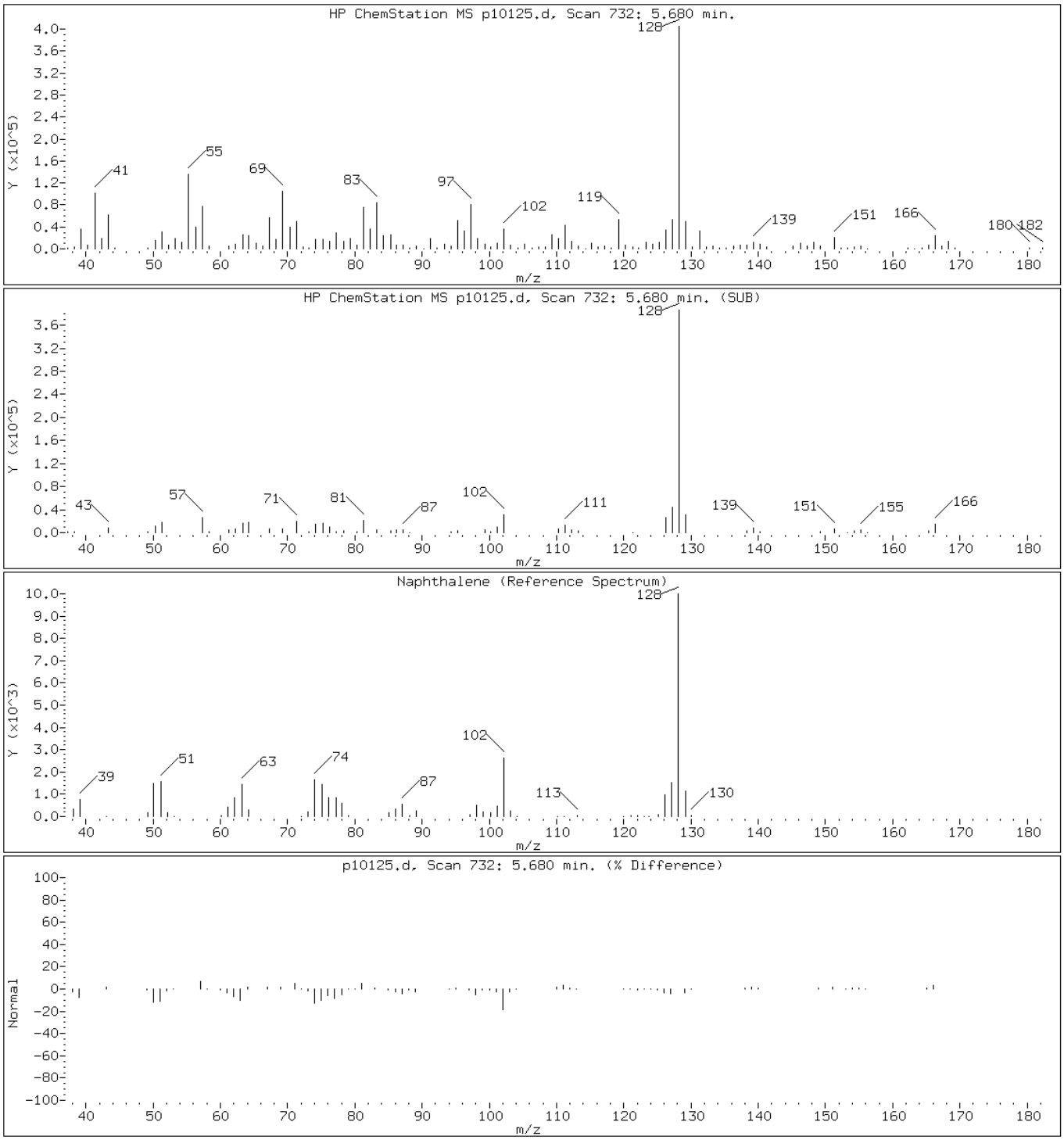
Data File: p10125.d

Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

31 Naphthalene



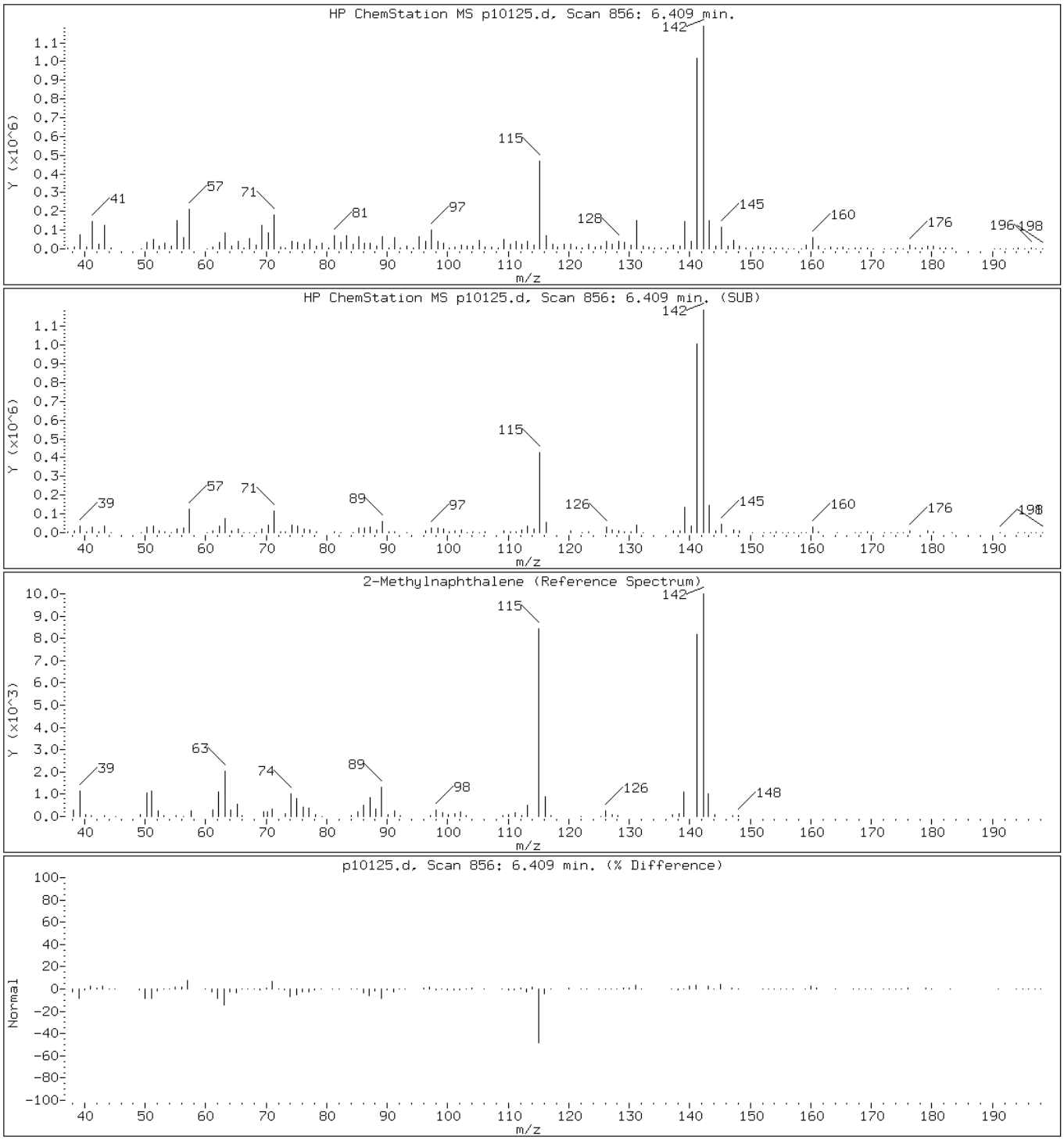
Data File: p10125.d

Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

34 2-Methylnaphthalene



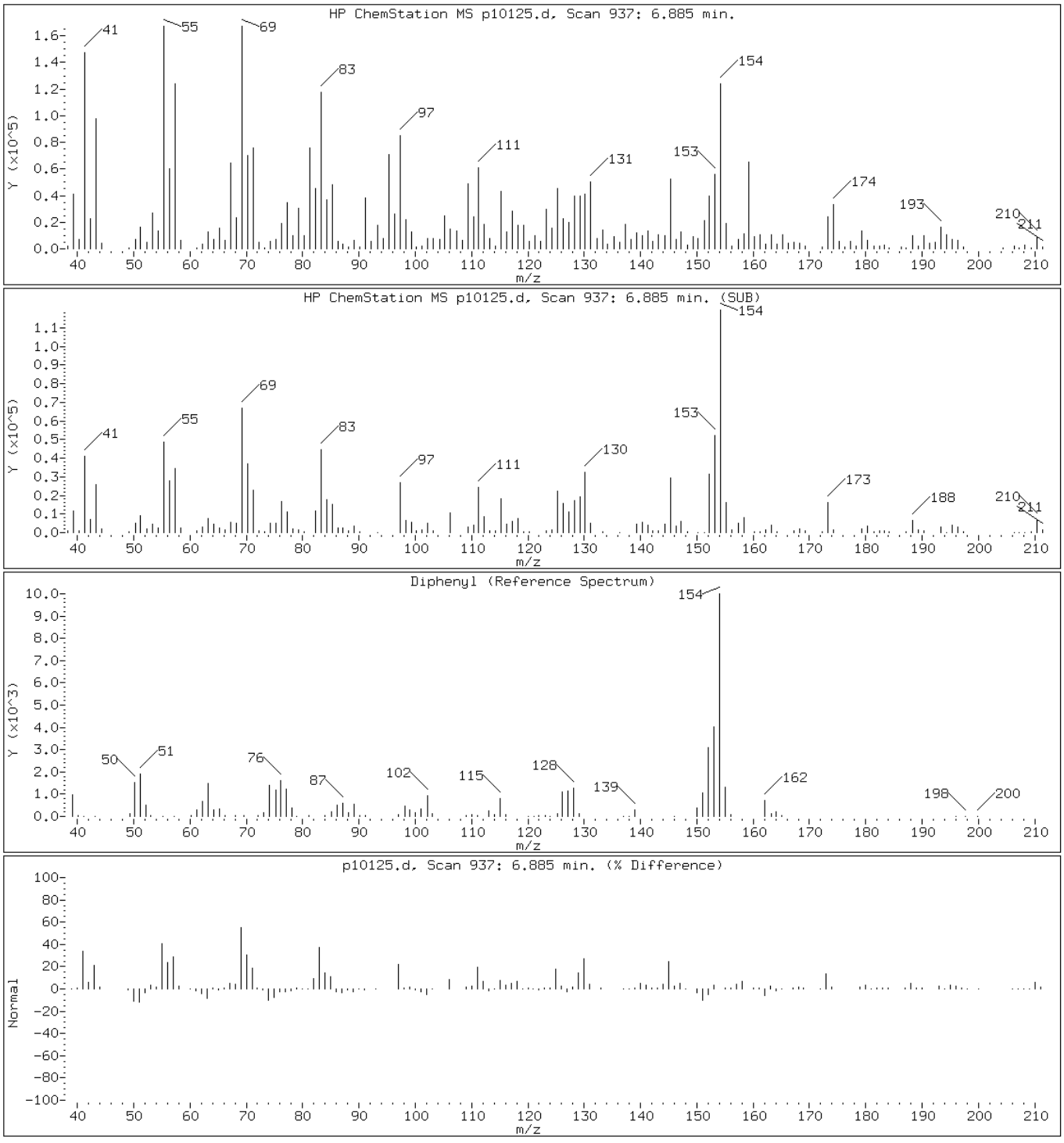
Data File: p10125.d

Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

102 Diphenyl



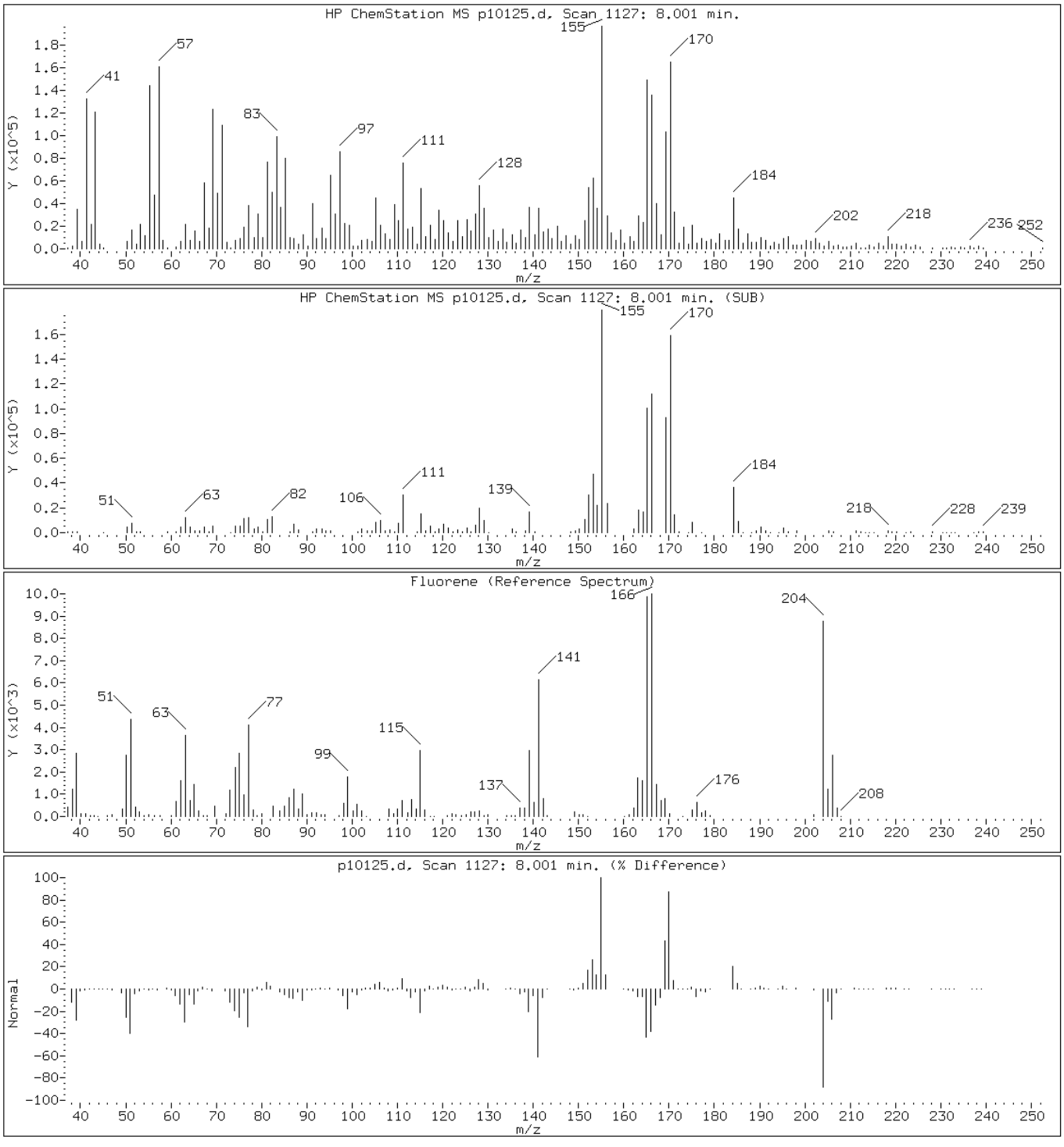
Data File: p10125.d

Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

47 Fluorene



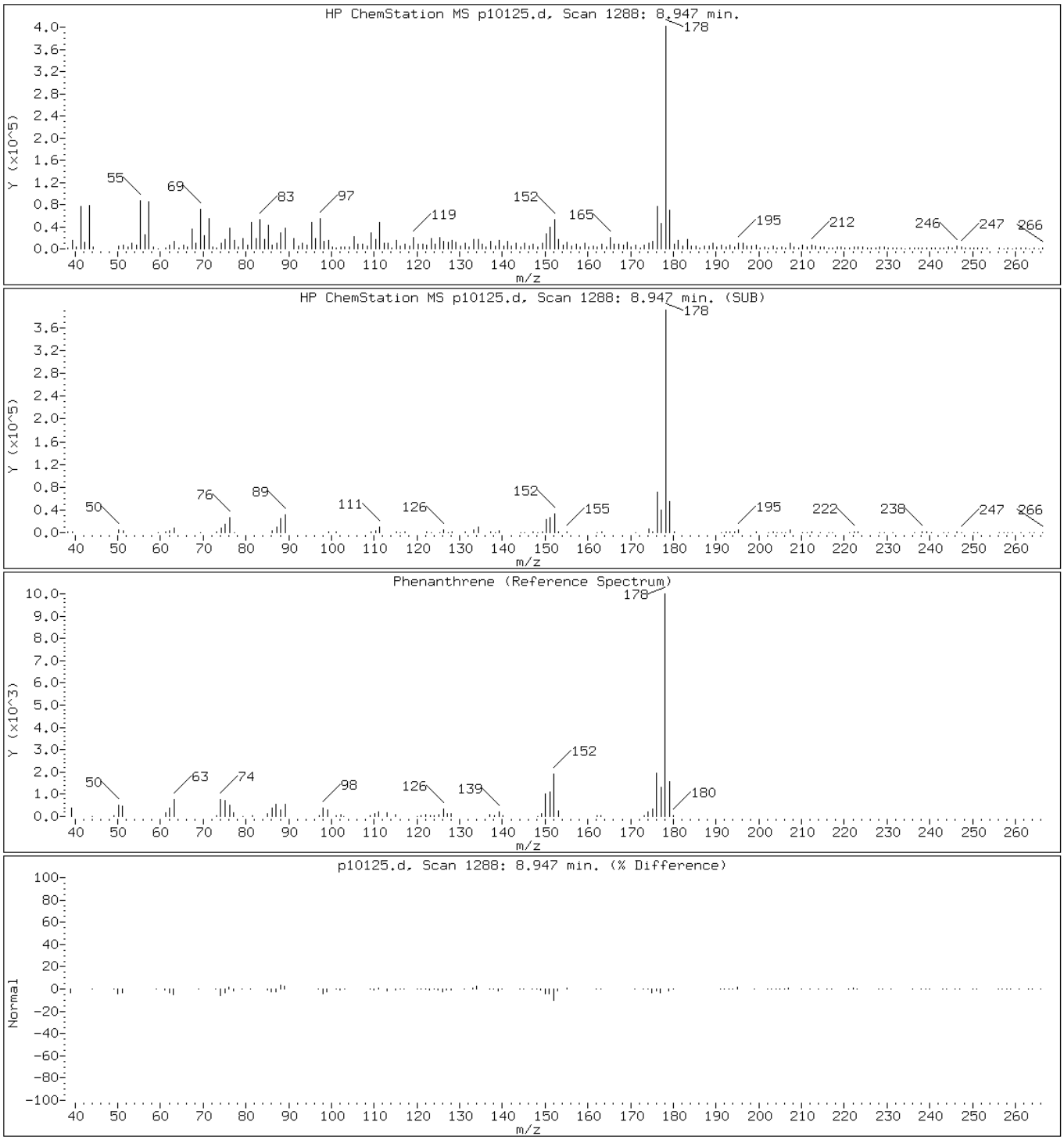
Data File: p10125.d

Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

52 Phenanthrene



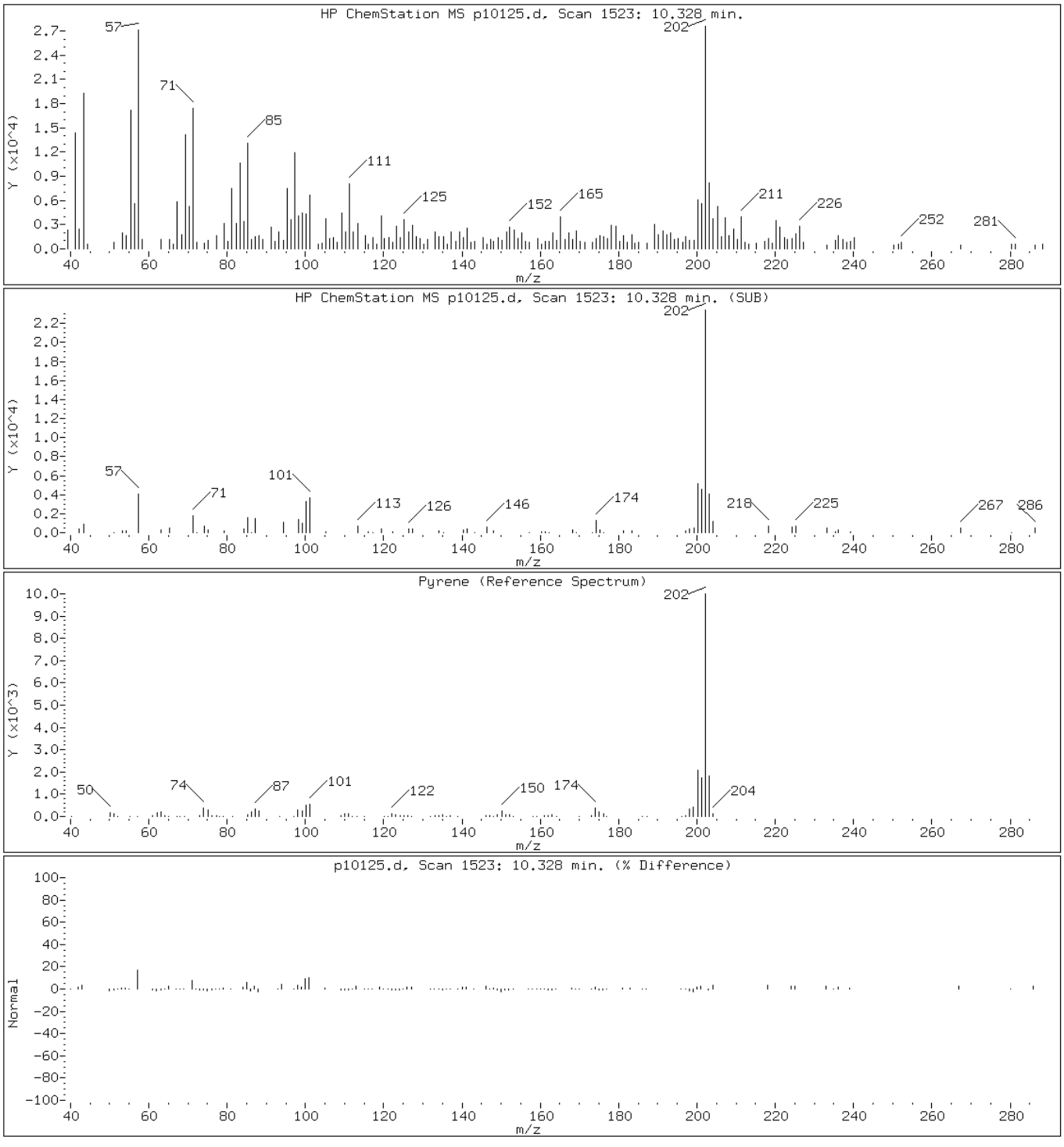
Data File: p10125.d

Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

57 Pyrene



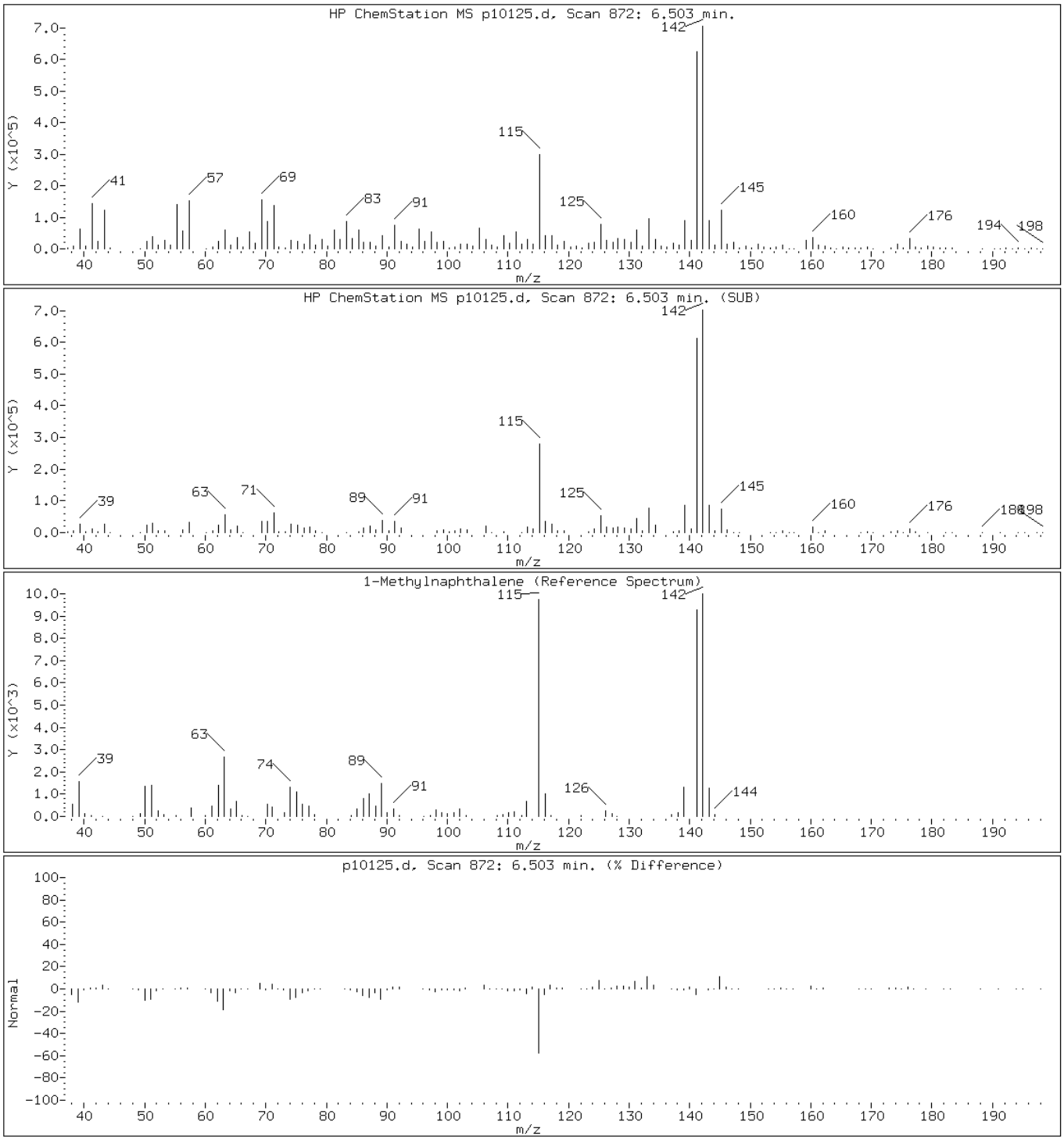
Data File: p10125.d

Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

120 1-Methylnaphthalene



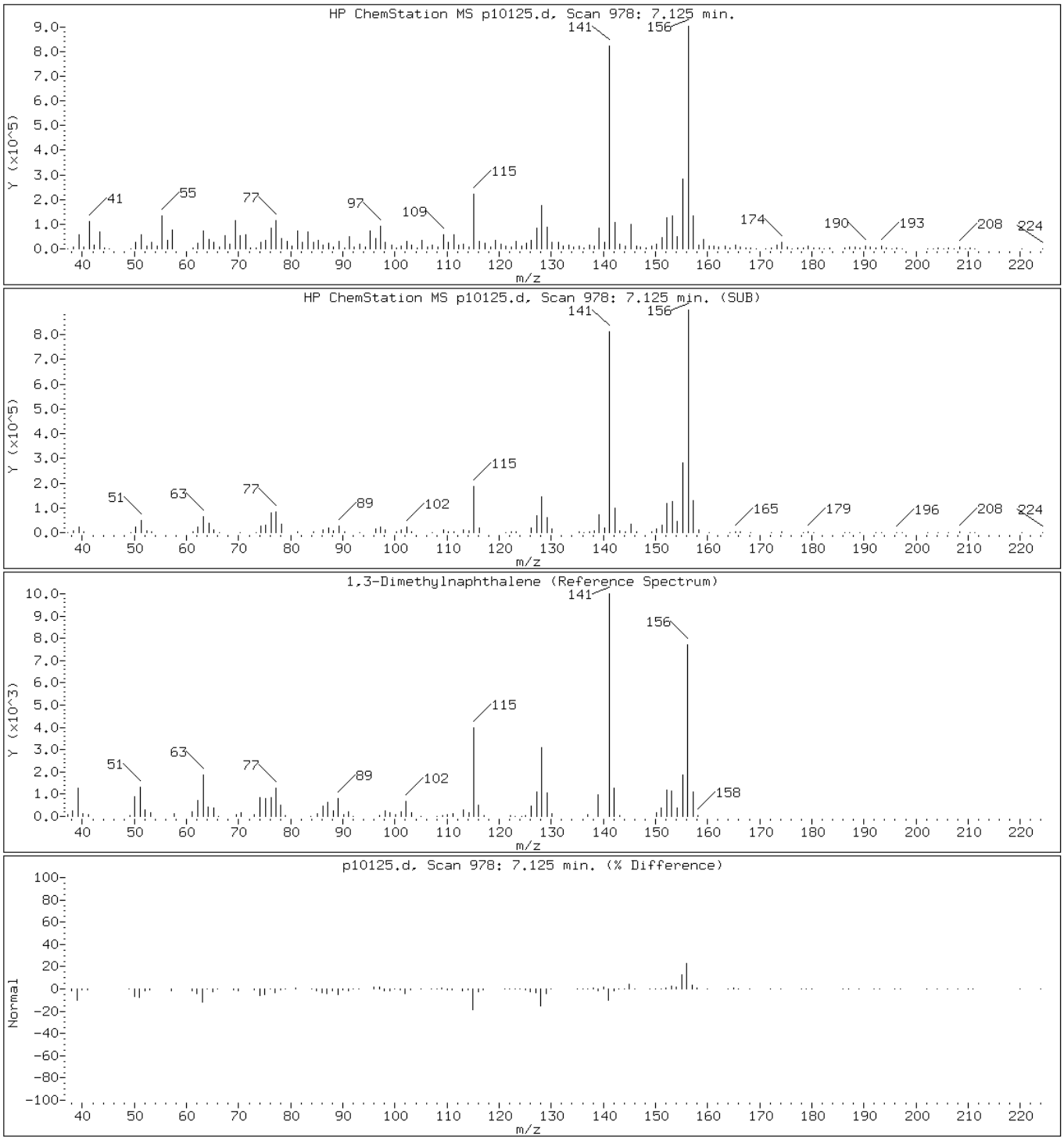
Data File: p10125.d

Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: p10125.d

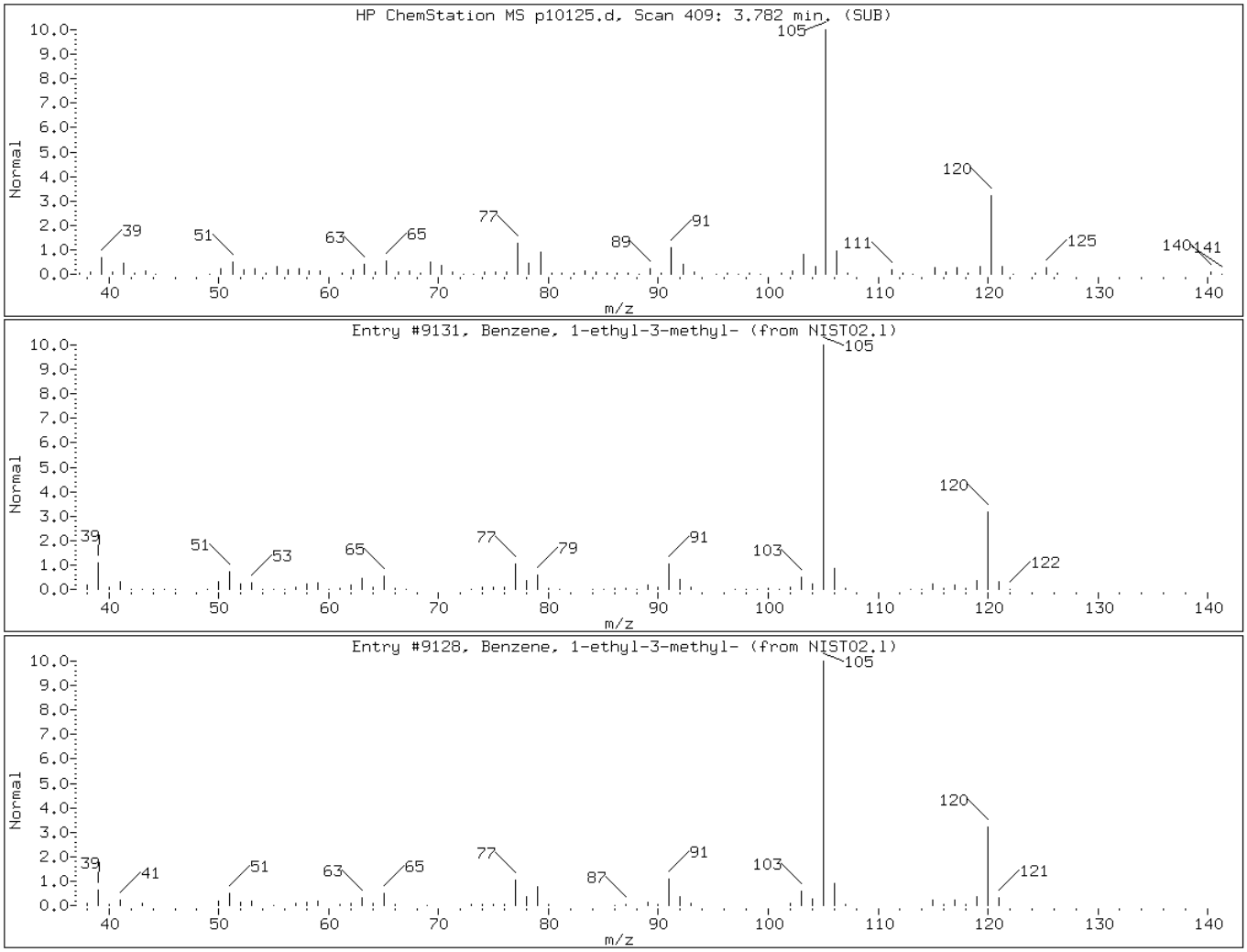
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 3.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9131	97	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9128	97	C9H12	120



Data File: p10125.d

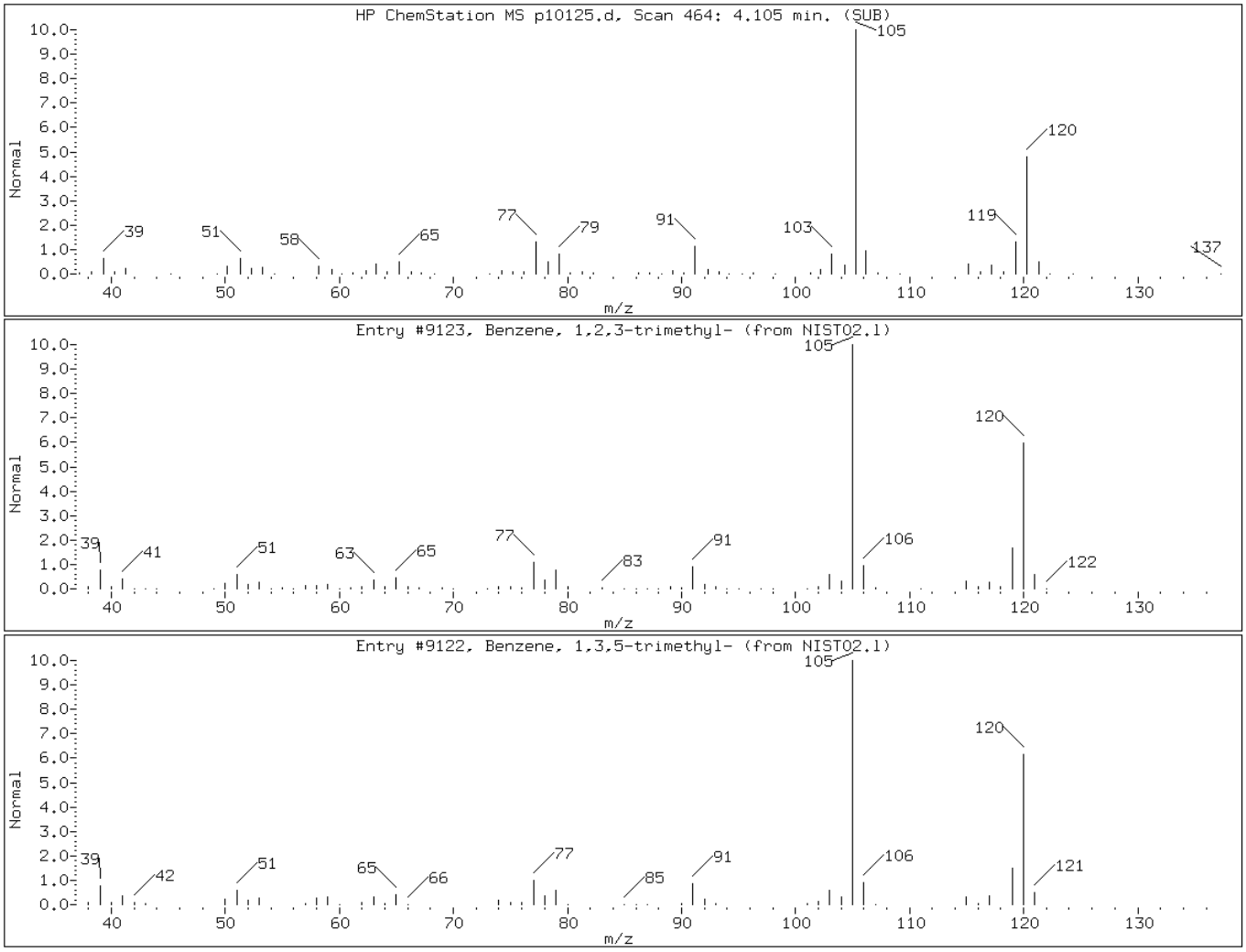
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 4.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	97	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9122	97	C9H12	120



Data File: p10125.d

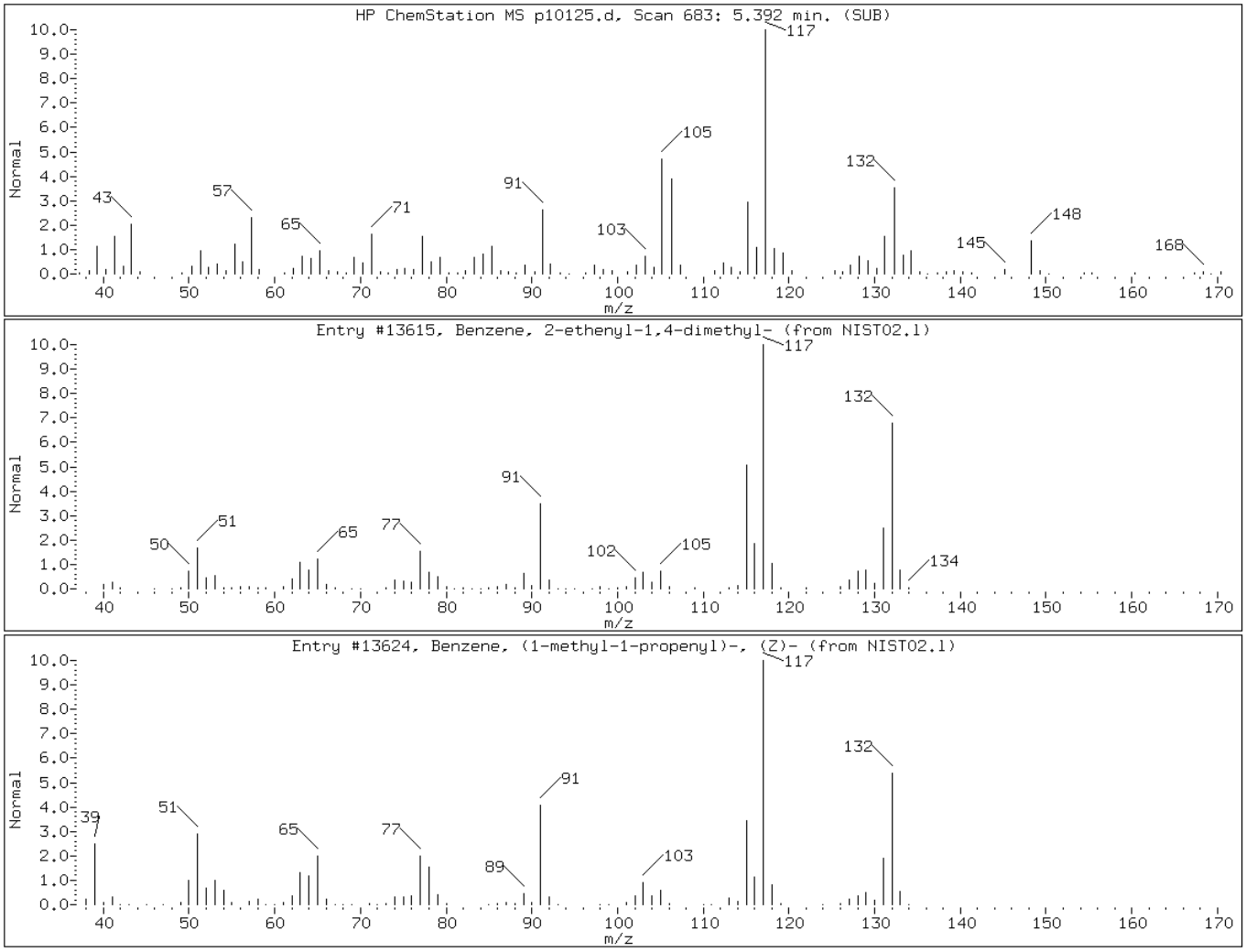
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 5.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13615	95	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	767-99-7	NIST02.l	13624	92	C10H12	132



Data File: p10125.d

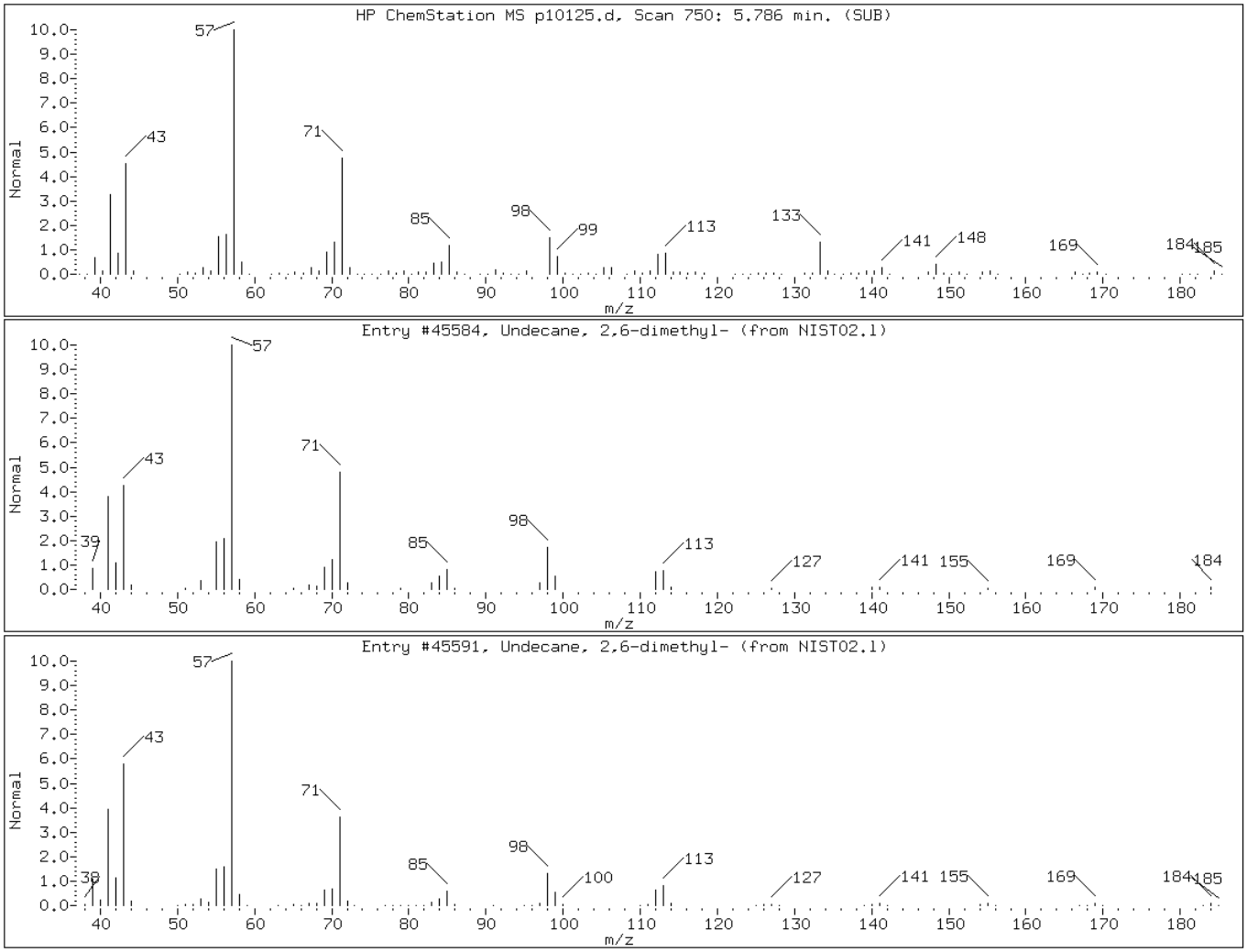
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 5.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	95	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	91	C13H28	184



Data File: p10125.d

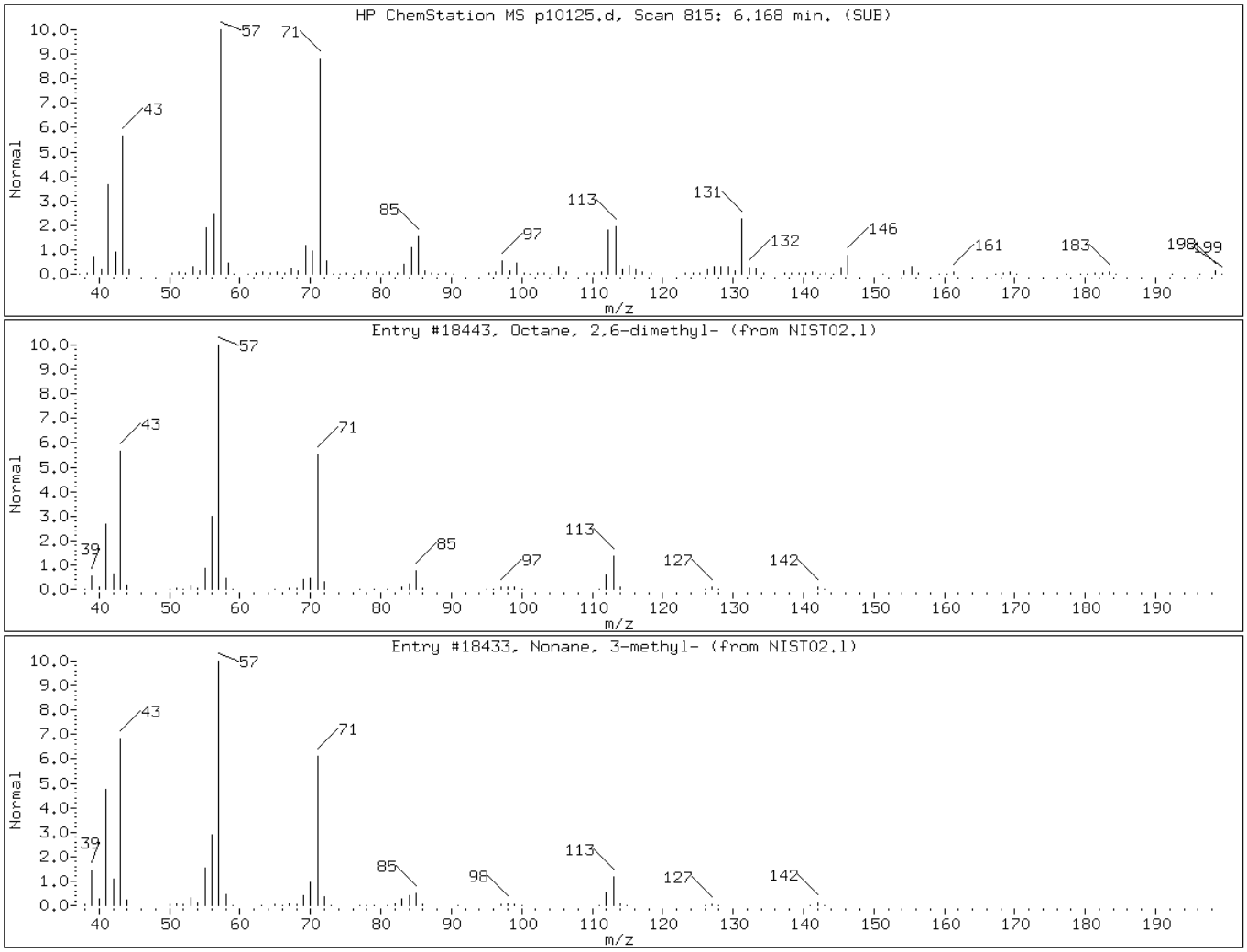
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 6.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	81	C10H22	142
Nonane, 3-methyl-	5911-04-6	NIST02.l	18433	59	C10H22	142



Data File: p10125.d

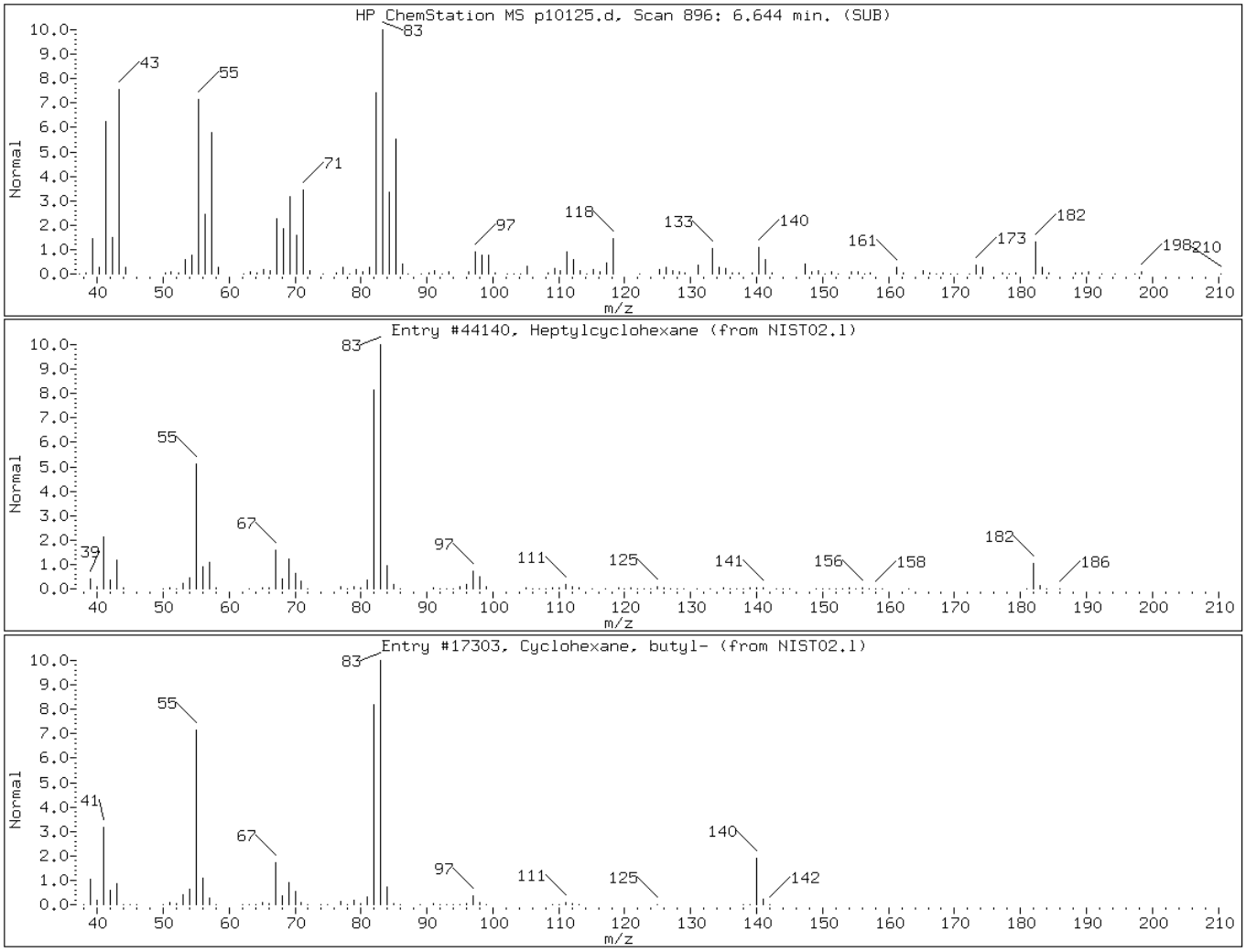
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 6.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-3						
Heptylcyclohexane	5617-41-4	NIST02.l	44140	52	C13H26	182
Cyclohexane, butyl-	1678-93-9	NIST02.l	17303	50	C10H20	140



Data File: p10125.d

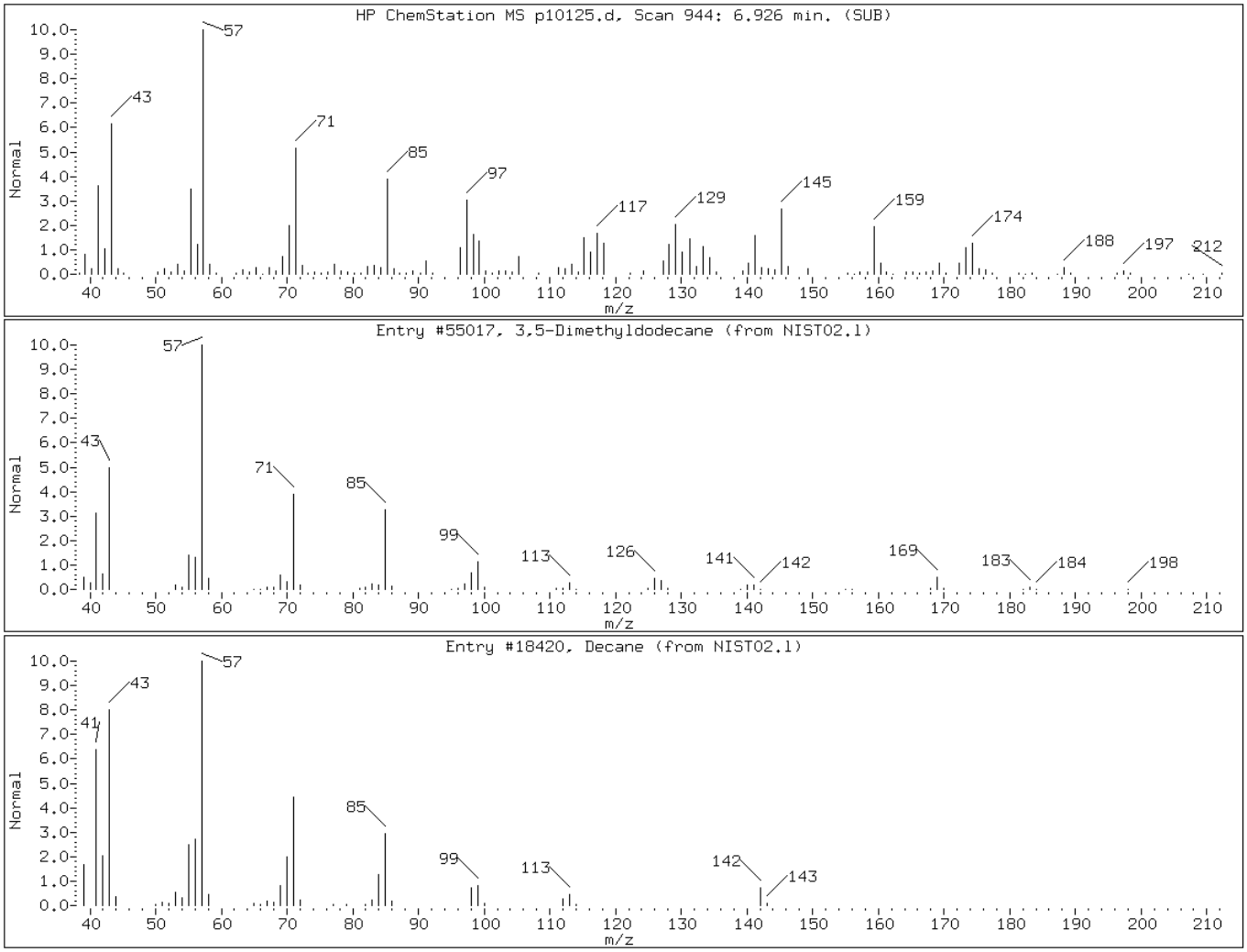
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 6.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
3,5-Dimethyldodecane	107770-99-0	NIST02.l	55017	80	C14H30	198
Decane	124-18-5	NIST02.l	18420	42	C10H22	142



Data File: p10125.d

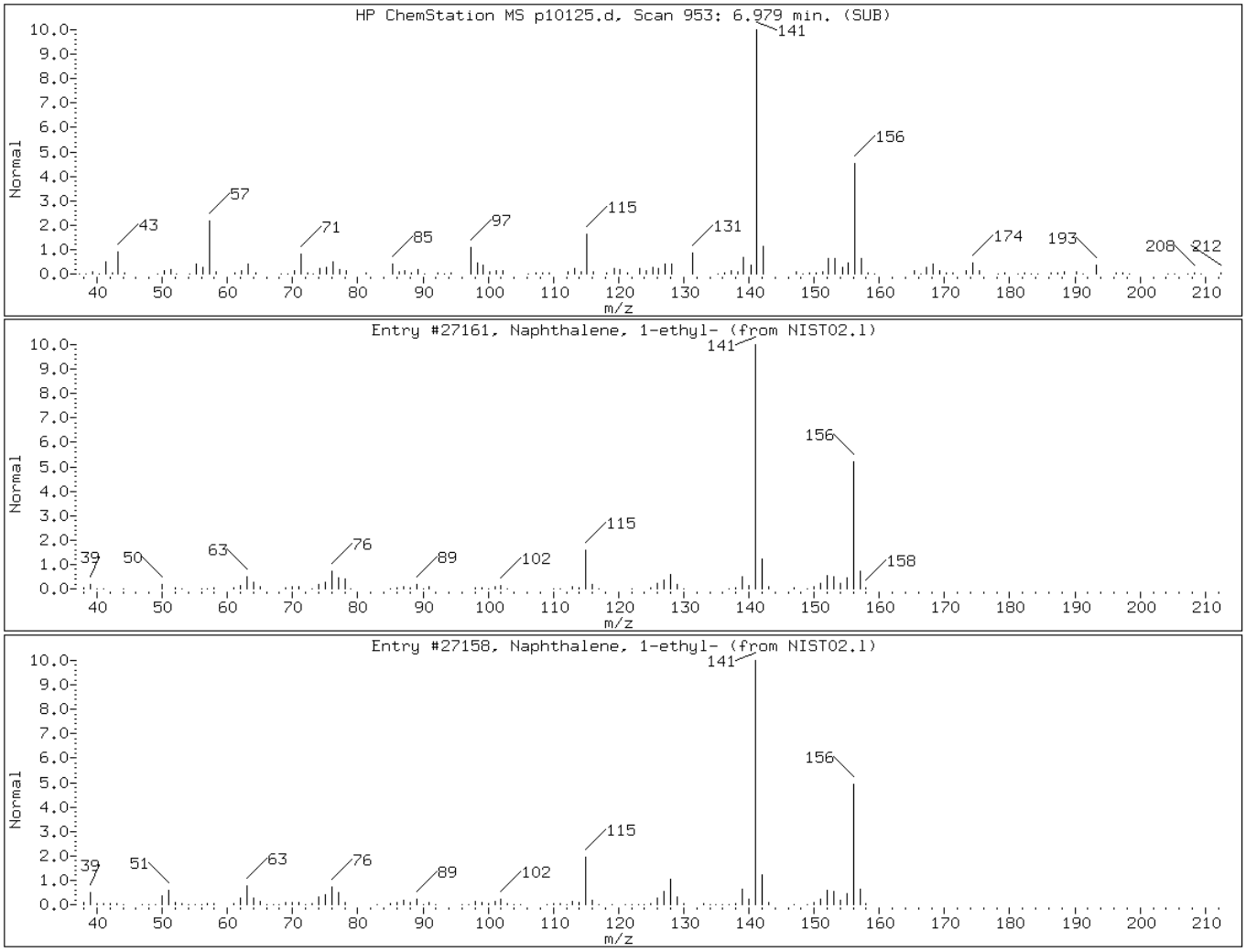
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 6.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylnaphthalene isomer						
Naphthalene, 1-ethyl-	1127-76-0	NIST02.l	27161	93	C12H12	156
Naphthalene, 1-ethyl-	1127-76-0	NIST02.l	27158	91	C12H12	156



Data File: p10125.d

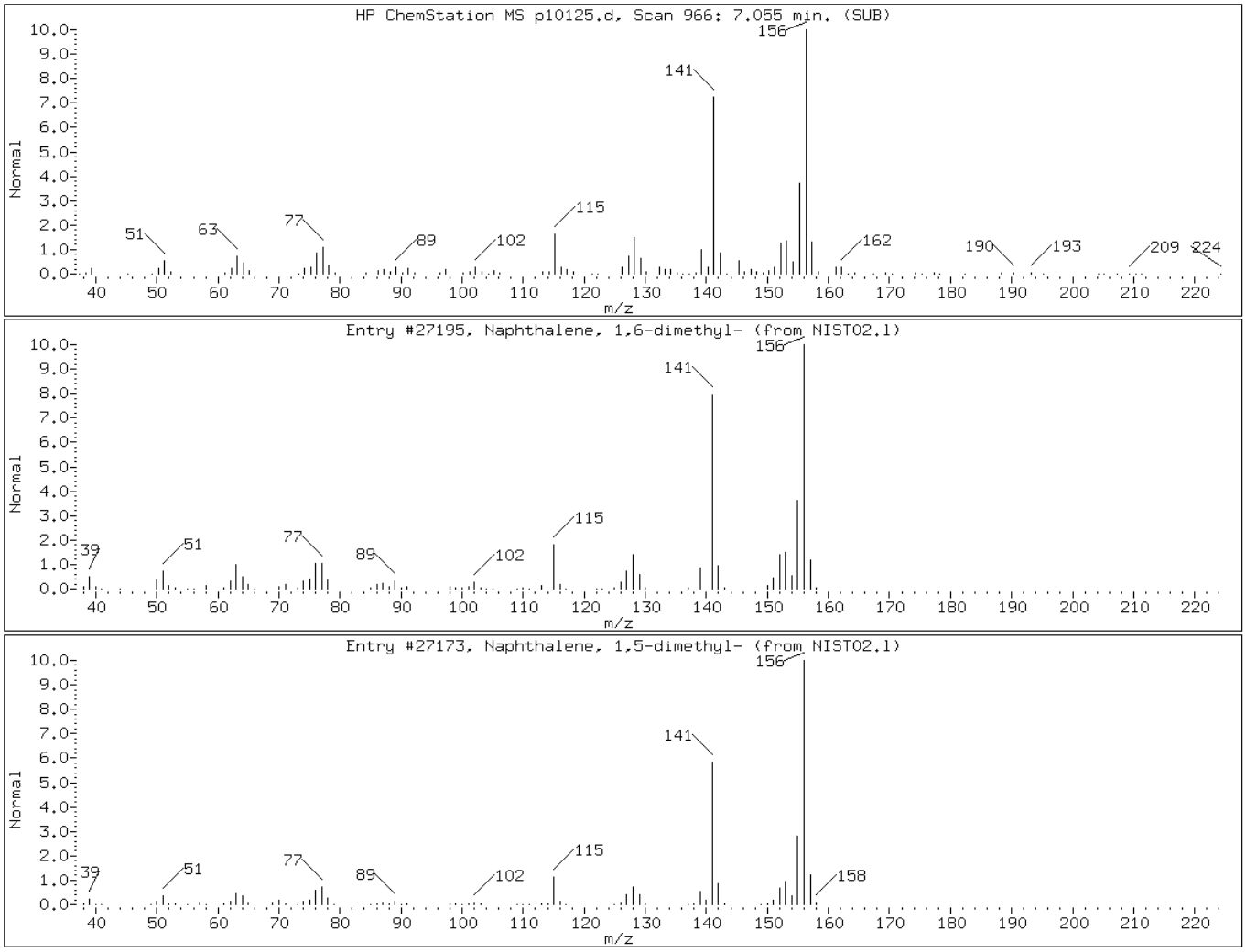
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 7.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.l	27195	98	C12H12	156
Naphthalene, 1,5-dimethyl-	571-61-9	NIST02.l	27173	97	C12H12	156



Data File: p10125.d

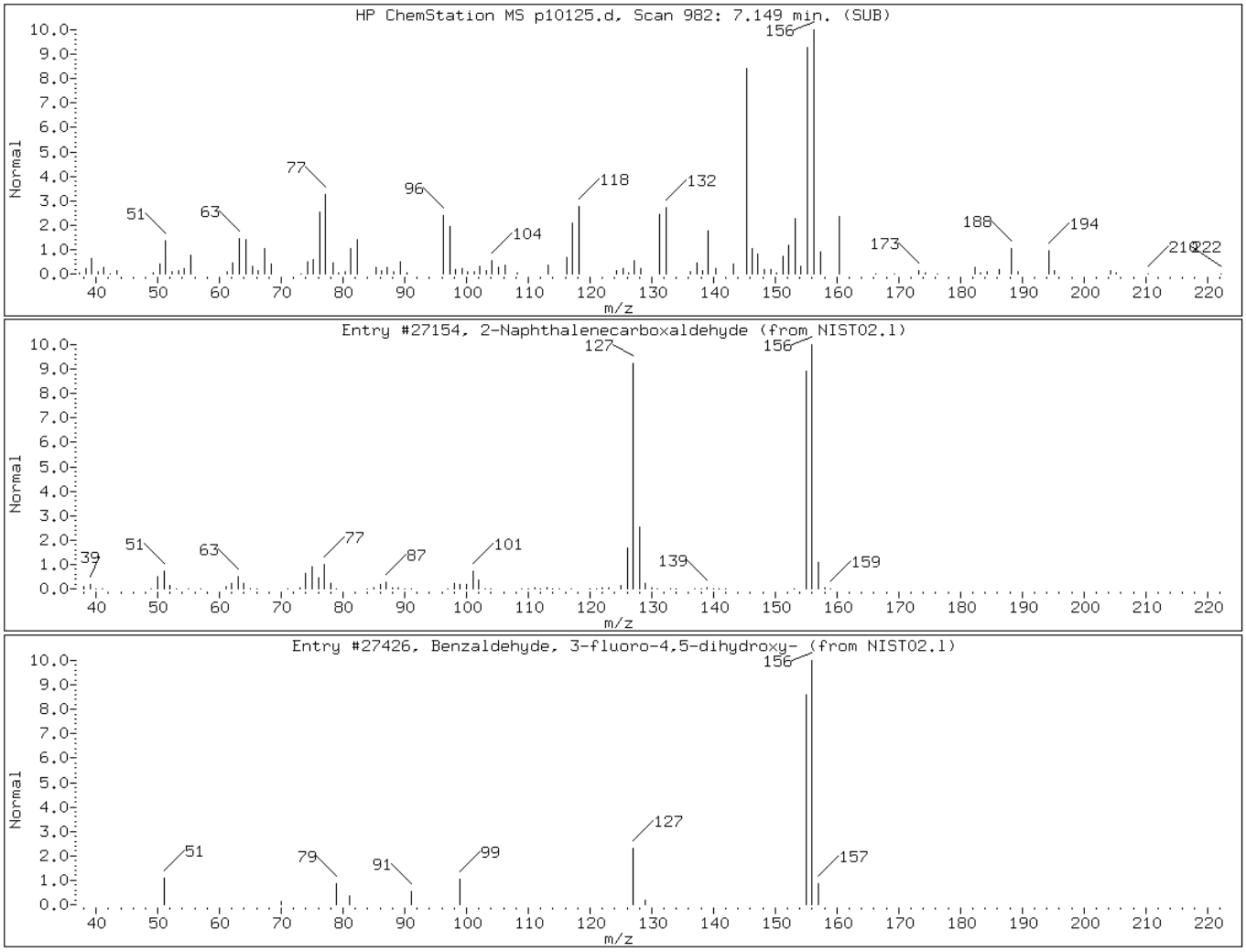
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 7.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
2-Naphthalenecarboxaldehyde	66-99-9	NIST02.l	27154	38	C11H8O	156
Benzaldehyde, 3-fluoro-4,5-dihydro	71144-35-9	NIST02.l	27426	35	C7H5FO3	156



Data File: p10125.d

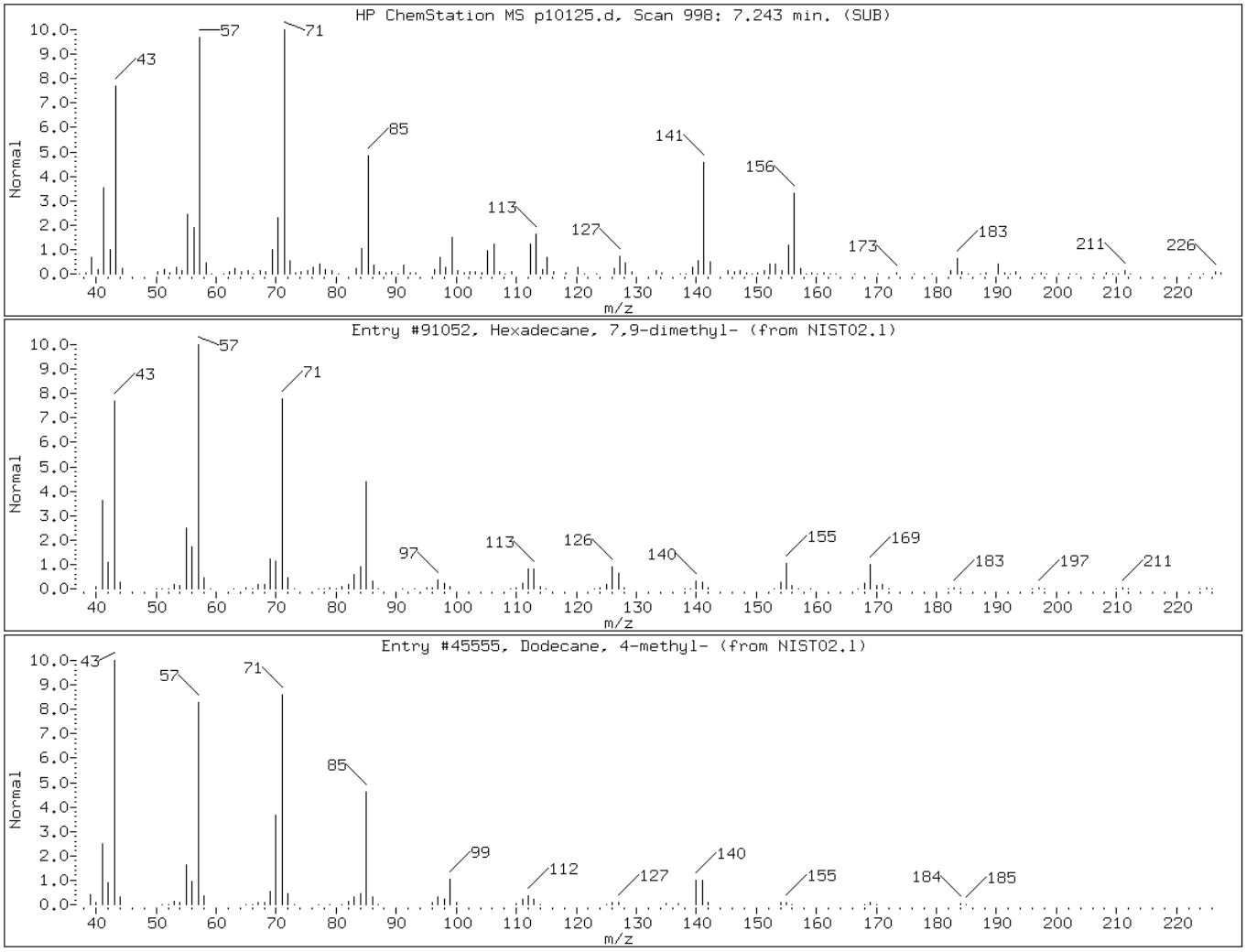
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 7.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane, 7,9-dimethyl-	21164-95-4	NIST02.l	91052	52	C18H38	254
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	52	C13H28	184



Data File: p10125.d

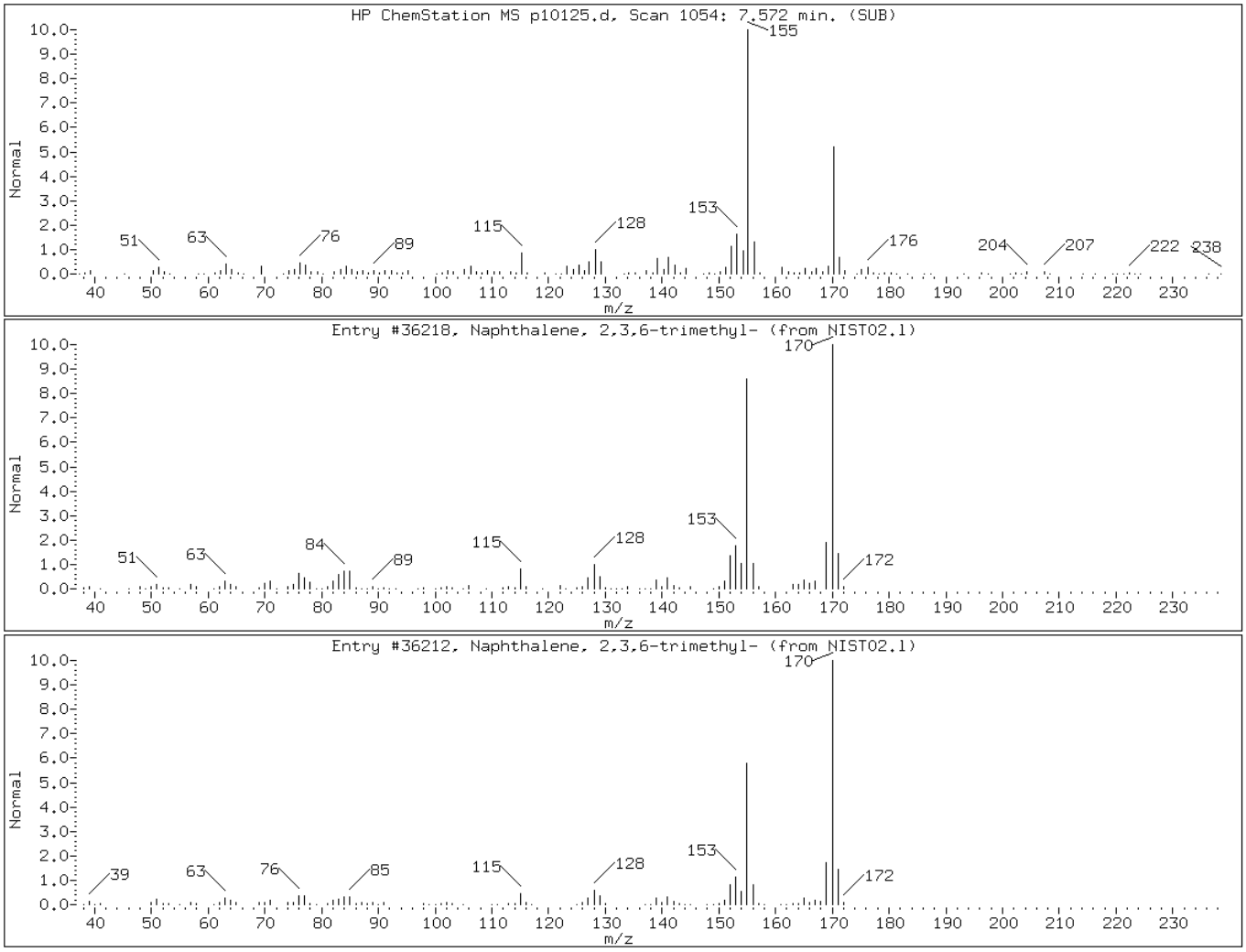
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 7.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	94	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36212	94	C13H14	170



Data File: p10125.d

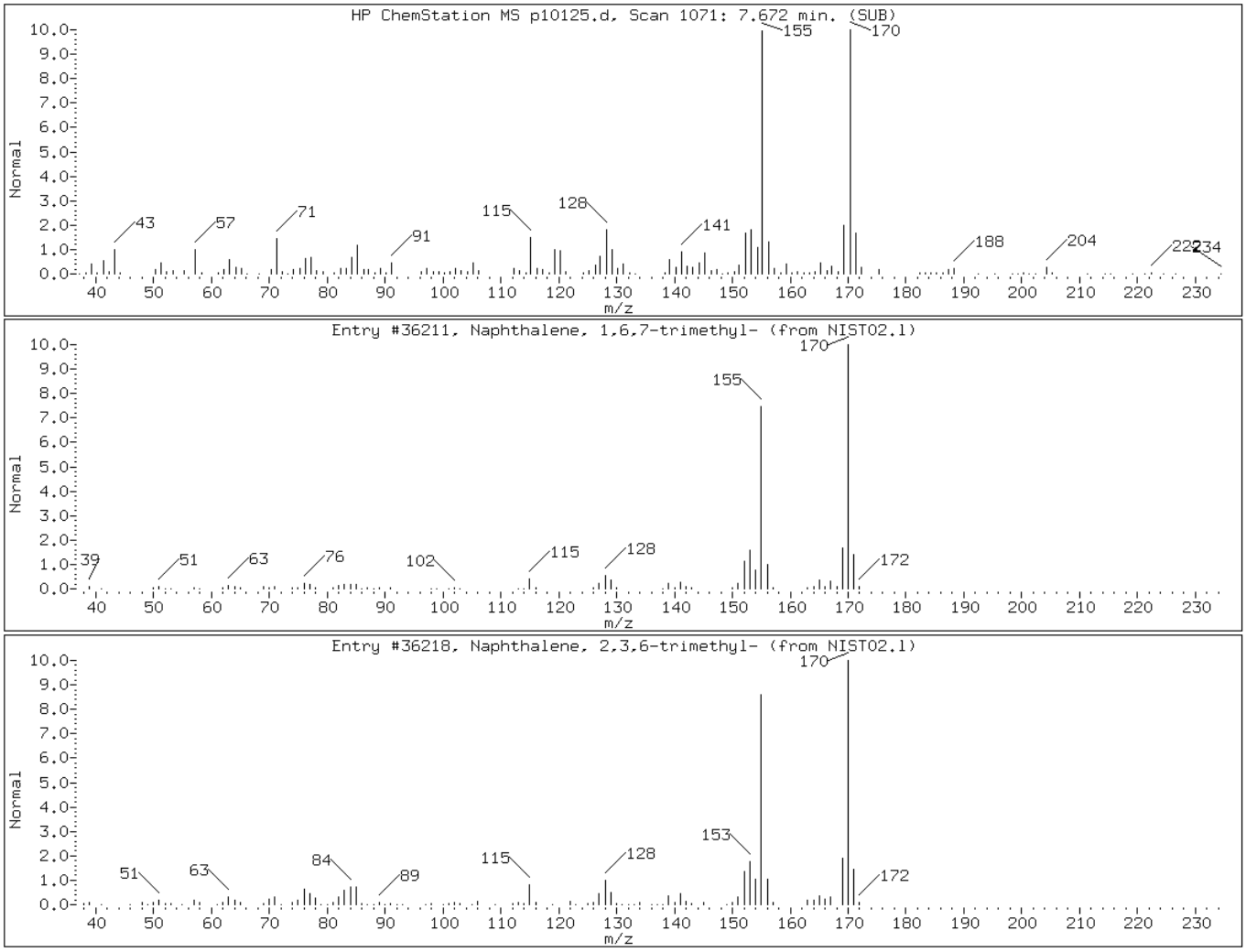
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 7.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36211	97	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	96	C13H14	170



Data File: p10125.d

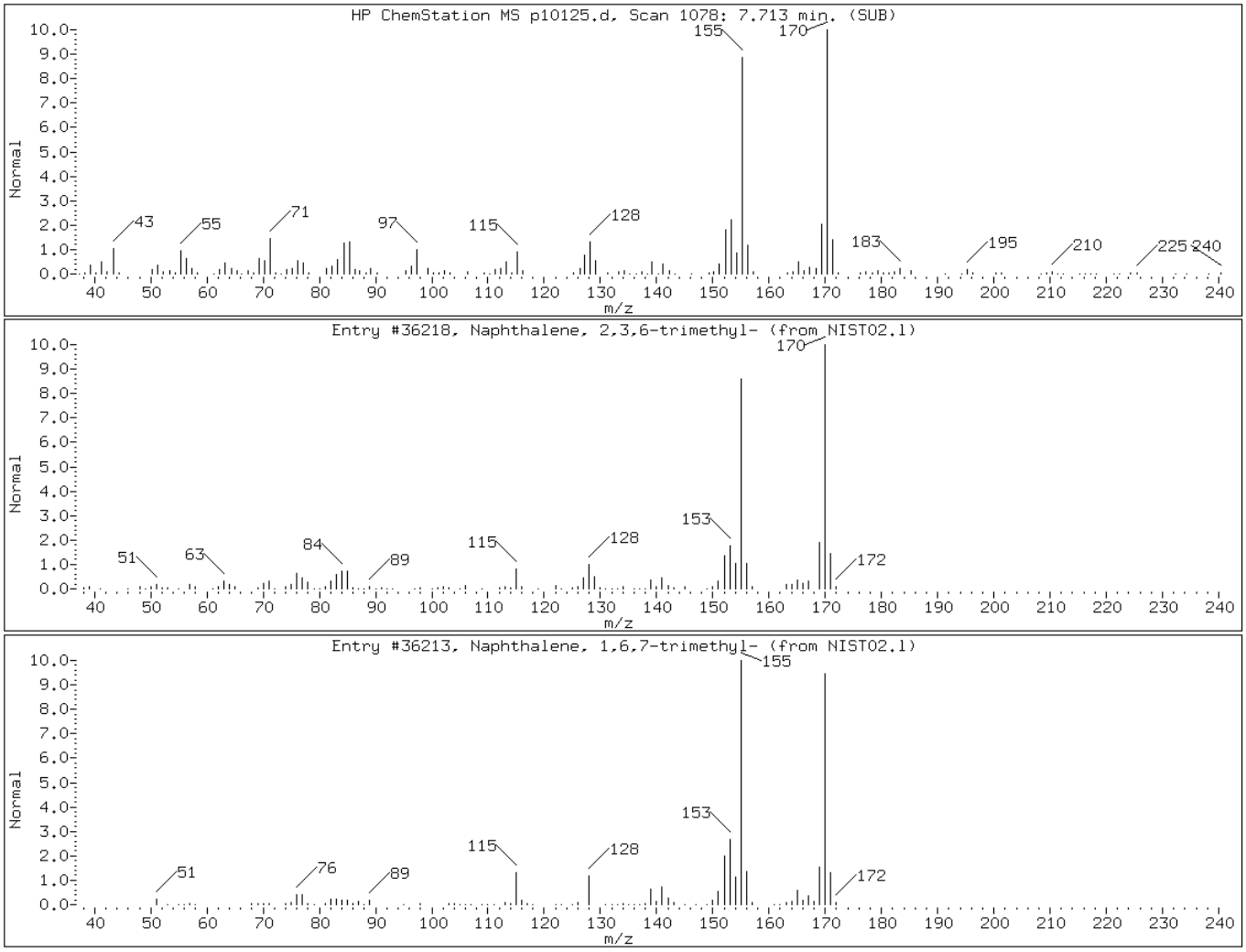
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 7.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-3						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	96	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	95	C13H14	170



Data File: p10125.d

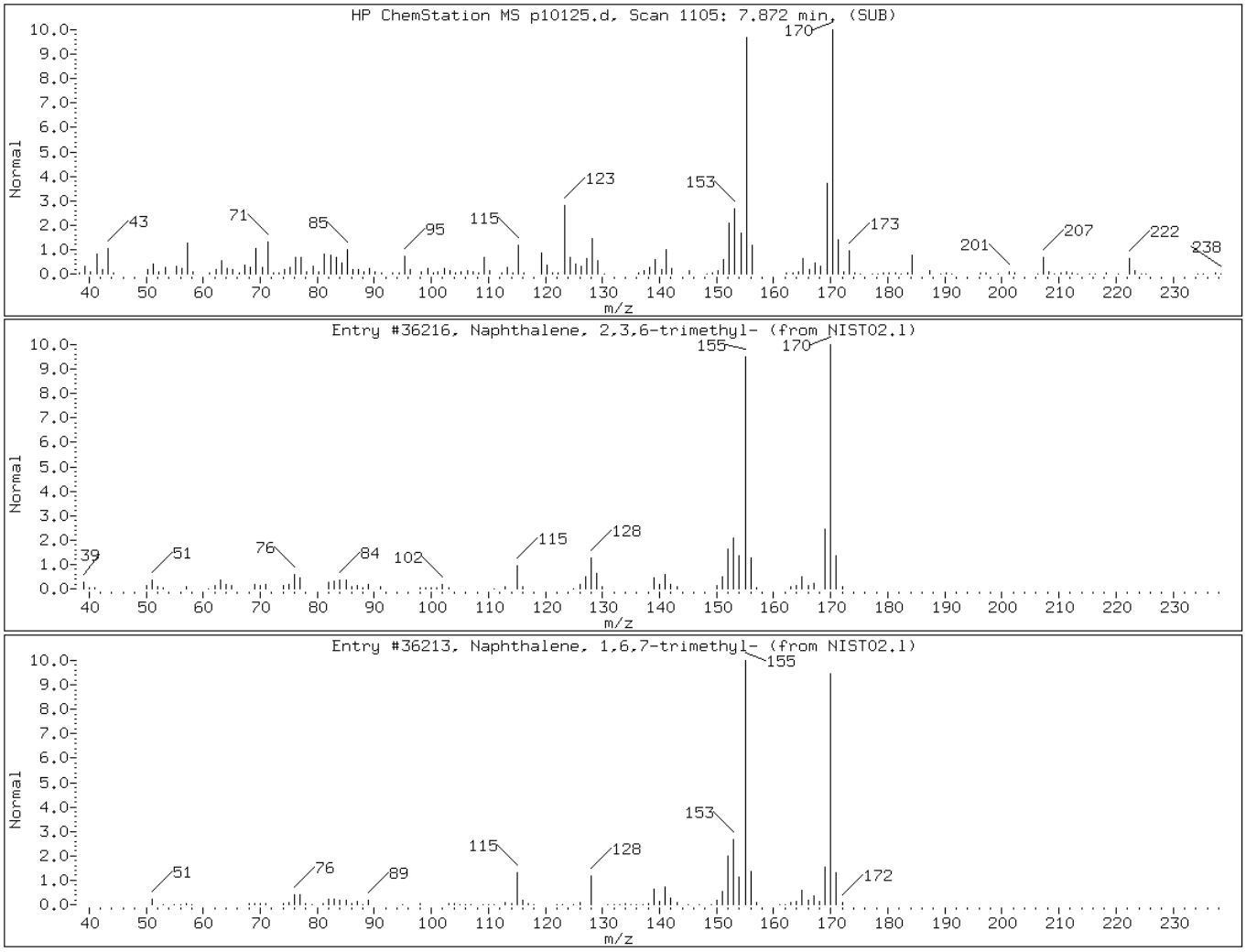
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 7.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-4						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	97	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	96	C13H14	170



Data File: p10125.d

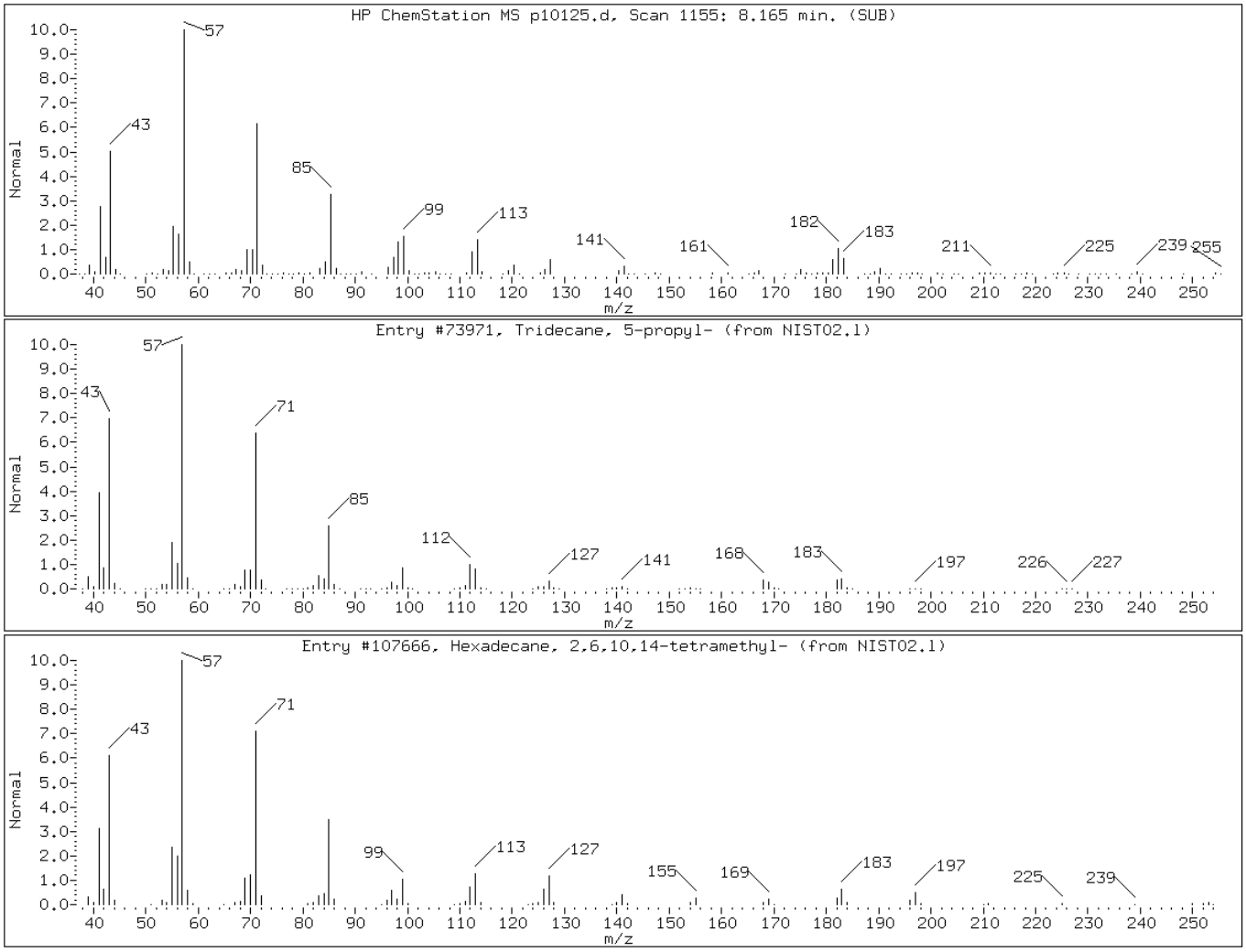
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 8.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	87	C16H34	226
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	74	C20H42	282



Data File: p10125.d

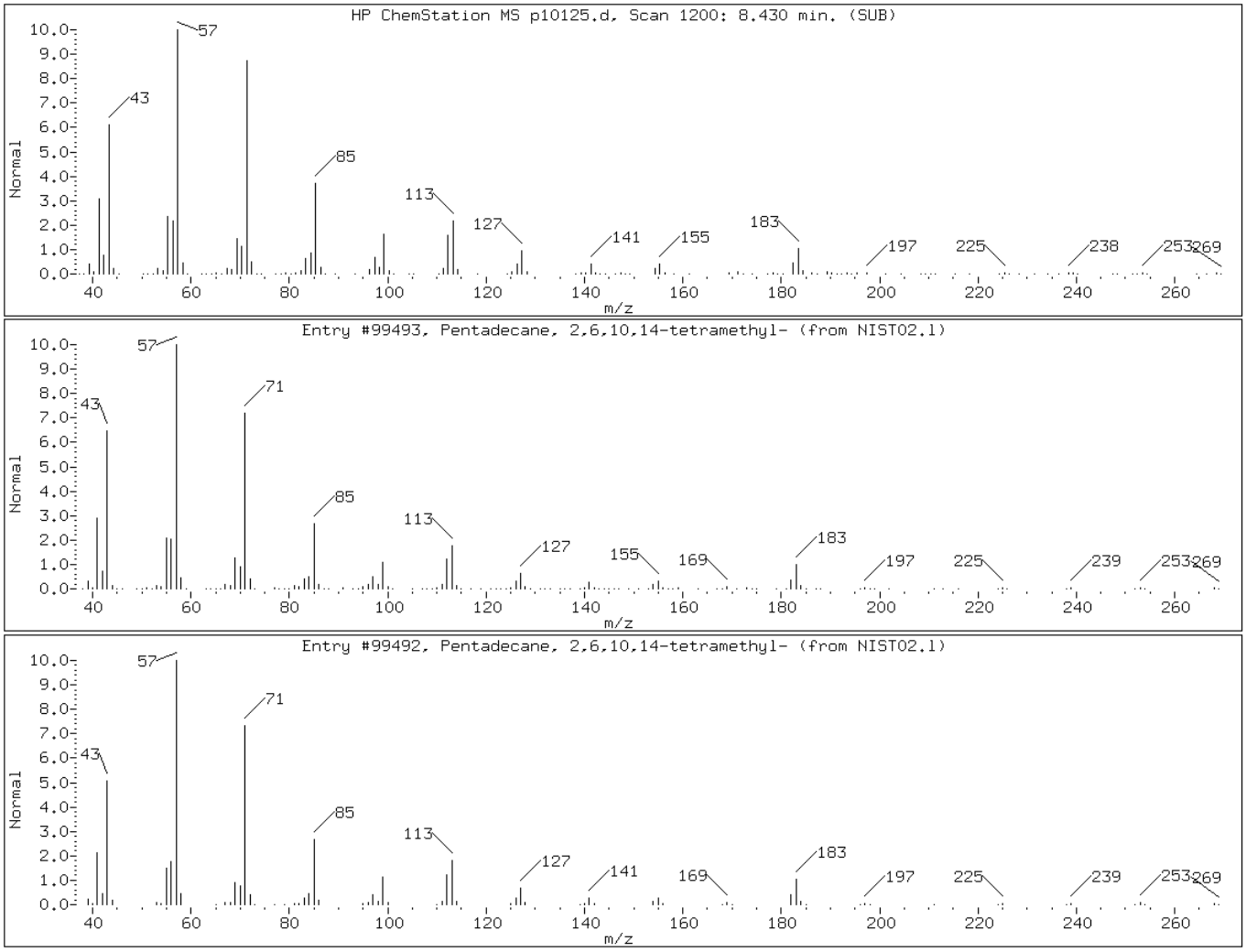
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 8.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	98	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	98	C19H40	268



Data File: p10125.d

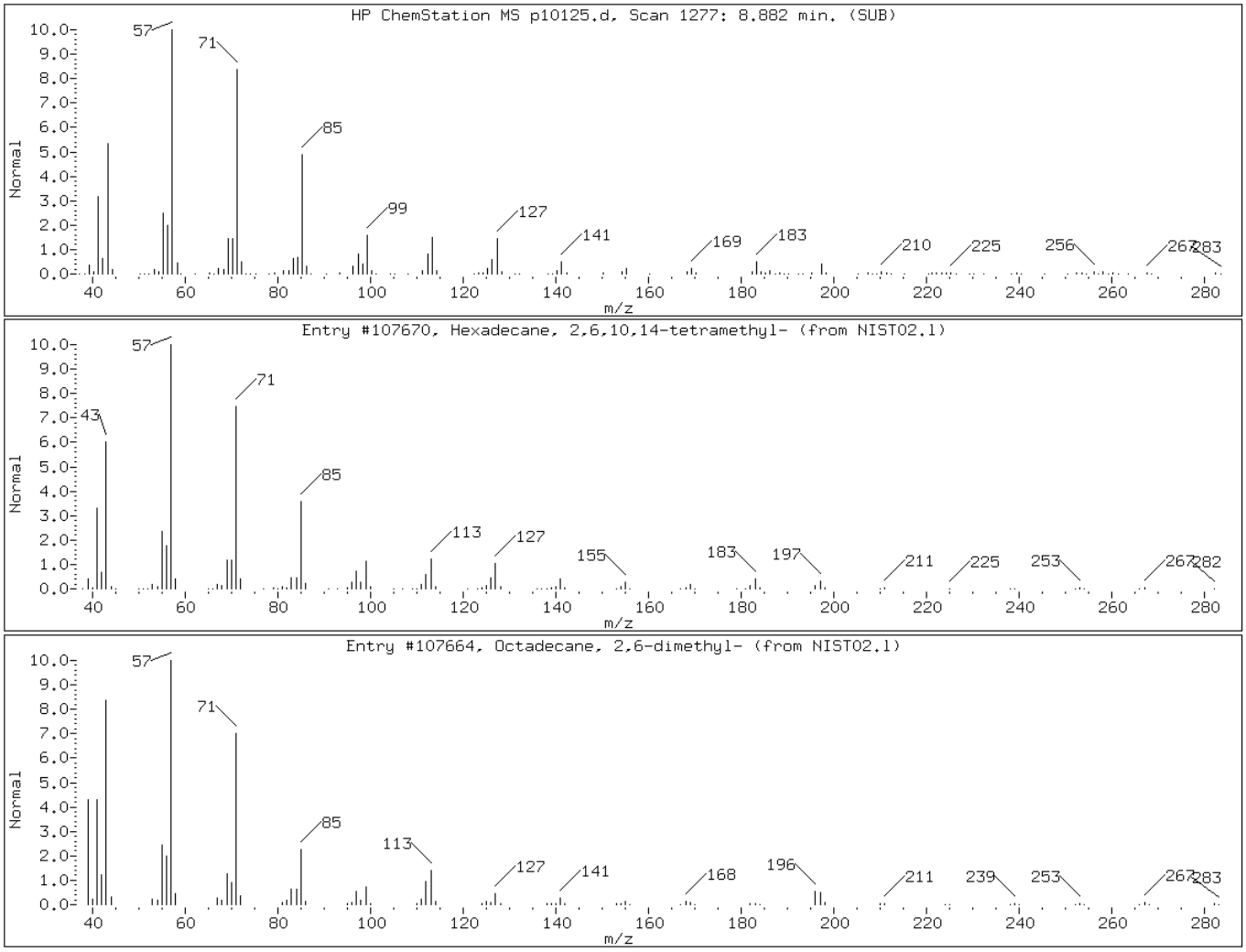
Date: 30-MAR-2011 11:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAMS10.i

Sample Info: 460-24277-F-16-A Operator: BNAMS 4

Retention Time: 8.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	98	C20H42	282
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.l	107664	90	C20H42	282



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-SI-E (10.5-11.0) | Lab Sample ID: 460-24277-17

Matrix: Solid | Lab File ID: p10114.d

Analysis Method: 8270C | Date Collected: 03/18/2011 09:30

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.99(g) | Date Analyzed: 03/30/2011 06:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	390	U	390	48
95-57-8	2-Chlorophenol	390	U	390	52
95-48-7	2-Methylphenol	390	U	390	56
106-44-5	4-Methylphenol	390	U	390	64
100-52-7	Benzaldehyde	390	U	390	24
98-86-2	Acetophenone	390	U	390	58
111-44-4	Bis(2-chloroethyl)ether	39	U	39	8.1
108-60-1	2,2'-oxybis[1-chloropropane]	390	U	390	51
621-64-7	N-Nitrosodi-n-propylamine	39	U	39	5.1
98-95-3	Nitrobenzene	39	U	39	8.7
67-72-1	Hexachloroethane	39	U	39	6.6
78-59-1	Isophorone	390	U	390	45
88-75-5	2-Nitrophenol	390	U	390	64
105-67-9	2,4-Dimethylphenol	390	U	390	62
120-83-2	2,4-Dichlorophenol	390	U	390	62
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	56
91-20-3	Naphthalene	2300		390	57
106-47-8	4-Chloroaniline	390	U	390	49
87-68-3	Hexachlorobutadiene	79	U	79	16
105-60-2	Caprolactam	390	U	390	53
59-50-7	4-Chloro-3-methylphenol	390	U	390	65
91-57-6	2-Methylnaphthalene	7600		390	57
118-74-1	Hexachlorobenzene	39	U	39	5.4
77-47-4	Hexachlorocyclopentadiene	390	U	390	110
88-06-2	2,4,6-Trichlorophenol	390	U	390	70
95-95-4	2,4,5-Trichlorophenol	390	U	390	75
92-52-4	Diphenyl	750		390	64
91-58-7	2-Chloronaphthalene	390	U	390	55
88-74-4	2-Nitroaniline	790	U	790	110
606-20-2	2,6-Dinitrotoluene	79	U	79	9.9
131-11-3	Dimethyl phthalate	390	U	390	53
208-96-8	Acenaphthylene	390	U	390	56
99-09-2	3-Nitroaniline	790	U	790	88
83-32-9	Acenaphthene	390	U	390	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-SI-E (10.5-11.0) | Lab Sample ID: 460-24277-17

Matrix: Solid | Lab File ID: p10114.d

Analysis Method: 8270C | Date Collected: 03/18/2011 09:30

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.99(g) | Date Analyzed: 03/30/2011 06:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	100
51-28-5	2,4-Dinitrophenol	1200	U	1200	83
132-64-9	Dibenzofuran	390	U	390	58
84-66-2	Diethyl phthalate	390	U	390	52
86-73-7	Fluorene	740		390	66
206-44-0	Fluoranthene	390	U	390	65
84-74-2	Di-n-butyl phthalate	390	U	390	60
121-14-2	2,4-Dinitrotoluene	79	U	79	11
7005-72-3	4-Chlorophenyl phenyl ether	390	U	390	67
100-01-6	4-Nitroaniline	790	U	790	80
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	190
101-55-3	4-Bromophenyl phenyl ether	390	U	390	69
1912-24-9	Atrazine	390	U	390	73
120-12-7	Anthracene	390	U	390	69
86-74-8	Carbazole	390	U	390	62
85-01-8	Phenanthrene	1800		390	68
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	130	J	390	67
218-01-9	Chrysene	390	U	390	57
207-08-9	Benzo[k]fluoranthene	39	U	39	5.4
191-24-2	Benzo[g,h,i]perylene	390	U	390	41
205-99-2	Benzo[b]fluoranthene	39	U	39	5.8
50-32-8	Benzo[a]pyrene	39	U	39	4.8
56-55-3	Benzo[a]anthracene	39	U	39	7.2
86-30-6	N-Nitrosodiphenylamine	390	U	390	63
85-68-7	Butyl benzyl phthalate	390	U	390	45
117-81-7	Bis(2-ethylhexyl) phthalate	390	U	390	52
117-84-0	Di-n-octyl phthalate	390	U	390	46
193-39-5	Indeno[1,2,3-cd]pyrene	39	U	39	6.2
53-70-3	Dibenz(a,h)anthracene	39	U	39	4.7
91-94-1	3,3'-Dichlorobenzidine	790	U	790	86
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	78

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-SI-E (10.5-11.0) Lab Sample ID: 460-24277-17

Matrix: Solid Lab File ID: p10114.d

Analysis Method: 8270C Date Collected: 03/18/2011 09:30

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.99(g) Date Analyzed: 03/30/2011 06:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	103		38-105
4165-62-2	Phenol-d5	85		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	76		10-120
367-12-4	2-Fluorophenol	84		37-125
321-60-8	2-Fluorobiphenyl	77		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-SI-E (10.5-11.0) | Lab Sample ID: 460-24277-17

Matrix: Solid | Lab File ID: p10114.d

Analysis Method: 8270C | Date Collected: 03/18/2011 09:30

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.99(g) | Date Analyzed: 03/30/2011 06:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 97700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Trimethylbenzene isomer	4.11	6600	J
	Ethyldimethylbenzene isomer-1	4.65	5300	J
	Ethyldimethylbenzene isomer-2	4.88	7400	J
	C10H12 Aromatic	5.39	2200	J
	Unknown Alkane-3	6.17	3000	J
90-12-0	1-Methylnaphthalene	6.51	4600	
	Unknown Cycloalkane-3	6.64	4700	J
	Unknown Alkane-4	6.68	2500	J
	Ethylnaphthalene isomer	6.98	2900	J
	Dimethylnaphthalene isomer-1	7.05	3500	J
575-41-7	1,3-Dimethylnaphthalene	7.13	8500	
	Dimethylnaphthalene isomer-2	7.15	3000	J
	Unknown Alkane-5	7.24	7600	J
	Trimethylnaphthalene isomer-1	7.58	2600	J
	Trimethylnaphthalene isomer-2	7.68	3200	J
	Trimethylnaphthalene isomer-3	7.71	2900	J
	Trimethylnaphthalene isomer-4	7.88	2400	J
	Unknown Alkane-6	8.17	5200	J
	Unknown Alkane-7	8.43	12000	J
	Unknown Alkane-8	8.89	7600	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10114.d
Report Date: 01-Apr-2011 12:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10114.d
Lab Smp Id: 460-24277-F-17-A Client Smp ID: PMP-16-SI-E (10.5-1
Inj Date : 30-MAR-2011 06:58
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-17-A
Misc Info : 460-24277-F-17-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 44
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.99000	Weight of sample extracted (g)
M	14.94845	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.901	2.883	(0.678)	900420	83.8952	6600
$ 17 Phenol-d5 (SUR)	99	3.917	3.923	(0.915)	1034527	84.8661	6600
113 n-decane	43	4.135	4.135	(0.966)	307761	27.0587	2100
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	339097	40.0000	
22 1,4-Dichlorobenzene	146	4.305	4.305	(1.005)	34419	2.50198	200(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.893	4.899	(0.865)	549864	51.6824	4000
* 80 Naphthalene-d8	136	5.657	5.657	(1.000)	1097816	40.0000	
31 Naphthalene	128	5.680	5.680	(1.004)	844232	28.7457	2200
34 2-Methylnaphthalene	142	6.409	6.403	(1.133)	1761774	97.0511	7600
120 1-Methylnaphthalene	142	6.508	6.503	(1.151)	1078101	58.5975	4600
$ 77 2-Fluorobiphenyl (SUR)	172	6.790	6.785	(0.910)	702035	38.6447	3000
102 Diphenyl	154	6.884	6.884	(0.923)	196669	9.55508	750
125 1,3-Dimethylnaphthalene	156	7.131	7.120	(0.956)	1420106	108.915	8500

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10114.d
Report Date: 01-Apr-2011 12:24

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 82 Acenaphthene-d10	164	7.460	7.454	(1.000)	556513	40.0000	
47 Fluorene	166	8.001	8.001	(1.072)	158280	9.48149	740(H)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.248	8.242	(1.106)	144747	76.2514	6000
* 83 Phenanthrene-d10	188	8.923	8.917	(1.000)	790480	40.0000	
52 Phenanthrene	178	8.947	8.941	(1.003)	537653	23.3892	1800
57 Pyrene	202	10.328	10.328	(0.891)	37189	1.63952	130(a)
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	557059	40.6607	3200
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	623377	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	531873	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10114.d
Report Date: 01-Apr-2011 12:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10114.d
Lab Smp Id: 460-24277-F-17-A Client Smp ID: PMP-16-SI-E (10.5-1
Inj Date : 30-MAR-2011 06:58
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-17-A
Misc Info : 460-24277-F-17-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 44
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.99000	Weight of sample extracted (g)
M	14.94845	% Moisture

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	4.282	2458677	40.000
* 80	Naphthalene-d8	5.657	11273601	40.000
* 82	Acenaphthene-d10	7.460	5185867	40.000
* 83	Phenanthrene-d10	8.923	2451869	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10114.d
Report Date: 01-Apr-2011 12:24

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trimethylbenzene isomer					CAS #:		
4.105	5203236	84.6509503	6600	0		0	79
Ethyldimethylbenzene isomer-1					CAS #:		
4.652	4145408	67.4412446	5300	0		0	79
Ethyldimethylbenzene isomer-2					CAS #:		
4.881	5834273	94.9172420	7400	0		0	79
Tetramethylbenzene isomer					CAS #:		
5.163	4251931	15.0863265	1200	0		0	80
Unknown Cycloalkane-1					CAS #:		
5.280	4470956	15.8634539	1200	0		0	80
C10H12 Aromatic					CAS #:		
5.392	7858548	27.8830072	2200	0		0	80(L)
Unknown Alkane-1					CAS #:		
5.498	4744575	16.8342852	1300	0		0	80
Coeluting Aromatics					CAS #:		
5.721	4424680	15.6992608	1200	0		0	80
Unknown Alkane-2					CAS #:		
5.792	7534911	26.7347067	2100	0		0	80
Unknown Cycloalkane-2					CAS #:		
6.003	3986422	14.1442733	1100	0		0	80
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
6.085	4876621	17.3027987	1400	0		0	80
Unknown Alkane-3					CAS #:		
6.168	10901020	38.6780386	3000	0		0	80
Unknown					CAS #:		
6.538	4358598	15.4647956	1200	0		0	80
Unknown Cycloalkane-3					CAS #:		
6.644	7810957	60.2480258	4700	0		0	82
Unknown Alkane-4					CAS #:		
6.679	4200381	32.3986750	2500	0		0	82

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10114.d
Report Date: 01-Apr-2011 12:24

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylnaphthalene isomer					CAS #:		
6.984	4782949	36.8921743	2900	0		0	82
Dimethylnaphthalene isomer-1					CAS #:		
7.055	5716882	44.0958554	3400	0		0	82
Dimethylnaphthalene isomer-2					CAS #:		
7.155	4884275	37.6737303	3000	0		0	82
Unknown Alkane-5					CAS #:		
7.243	12632969	97.4415057	7600	0		0	82
Trimethylnaphthalene isomer-1					CAS #:		
7.578	4275765	32.9801283	2600	0		0	82
Trimethylnaphthalene isomer-2					CAS #:		
7.678	5214287	40.2192050	3200	0		0	82
Trimethylnaphthalene isomer-3					CAS #:		
7.713	4762390	36.7336032	2900	0		0	82
Trimethylnaphthalene isomer-4					CAS #:		
7.877	3903875	30.1116392	2400	0		0	82
Unknown Alkane-6					CAS #:		
8.165	8591284	66.2668959	5200	0		0	82
Unknown Alkane-7					CAS #:		
8.430	9476143	154.594608	12000	0		0	83
Unknown Alkane-8					CAS #:		
8.888	5968031	97.3629708	7600	0		0	83

QC Flag Legend

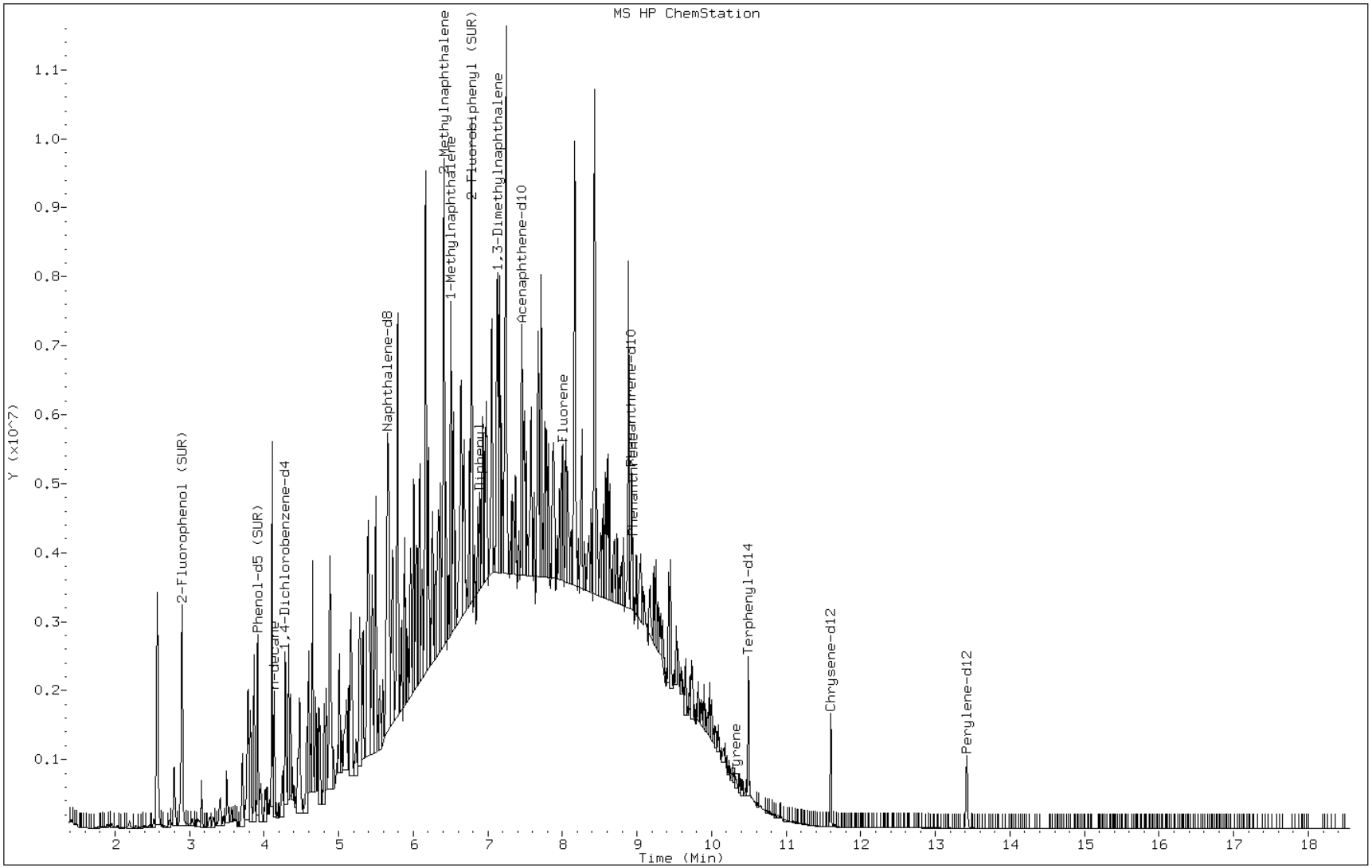
L - Operator selected an alternate library search match.

Data File: p10114.d

Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4



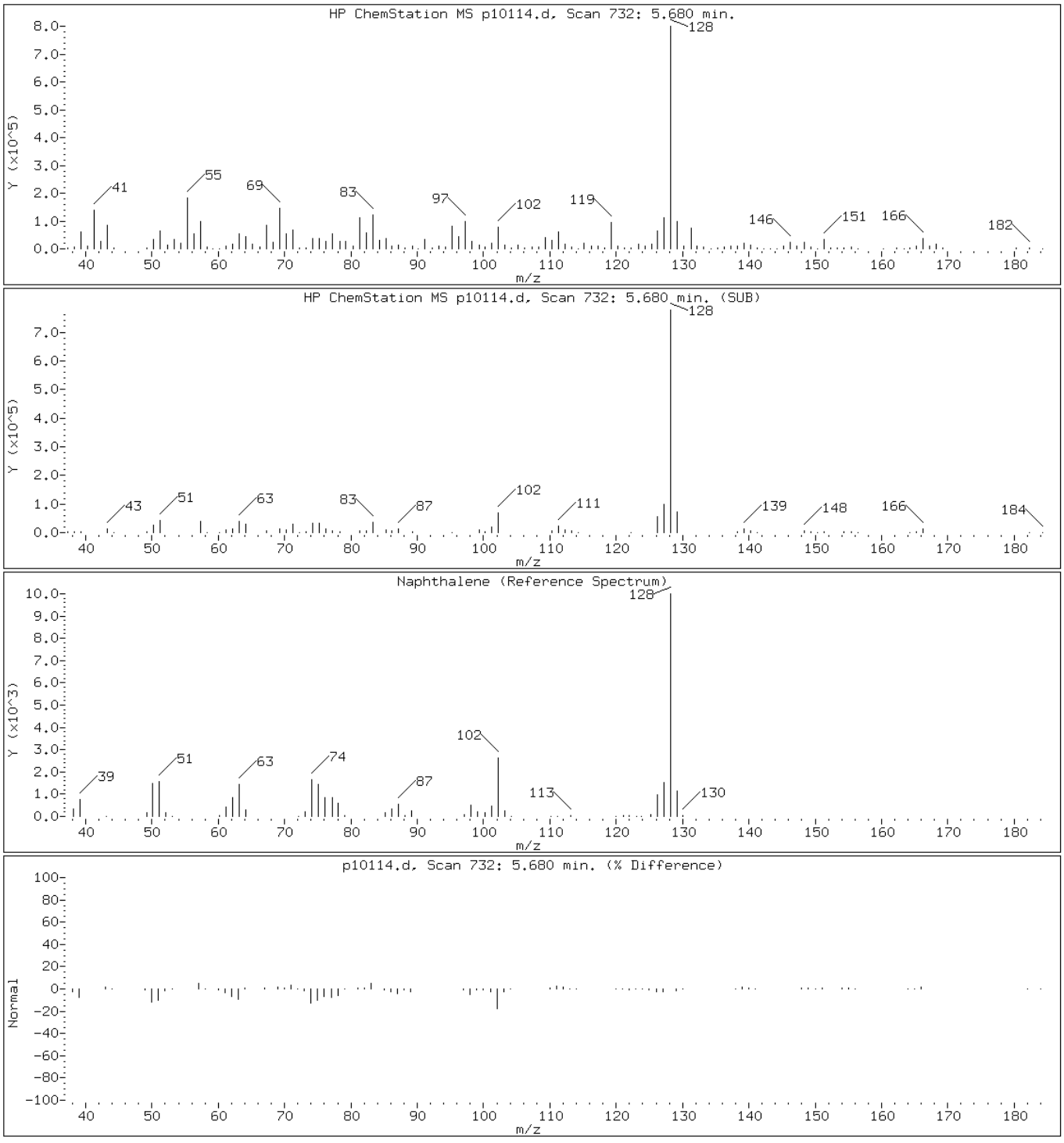
Data File: p10114.d

Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

31 Naphthalene



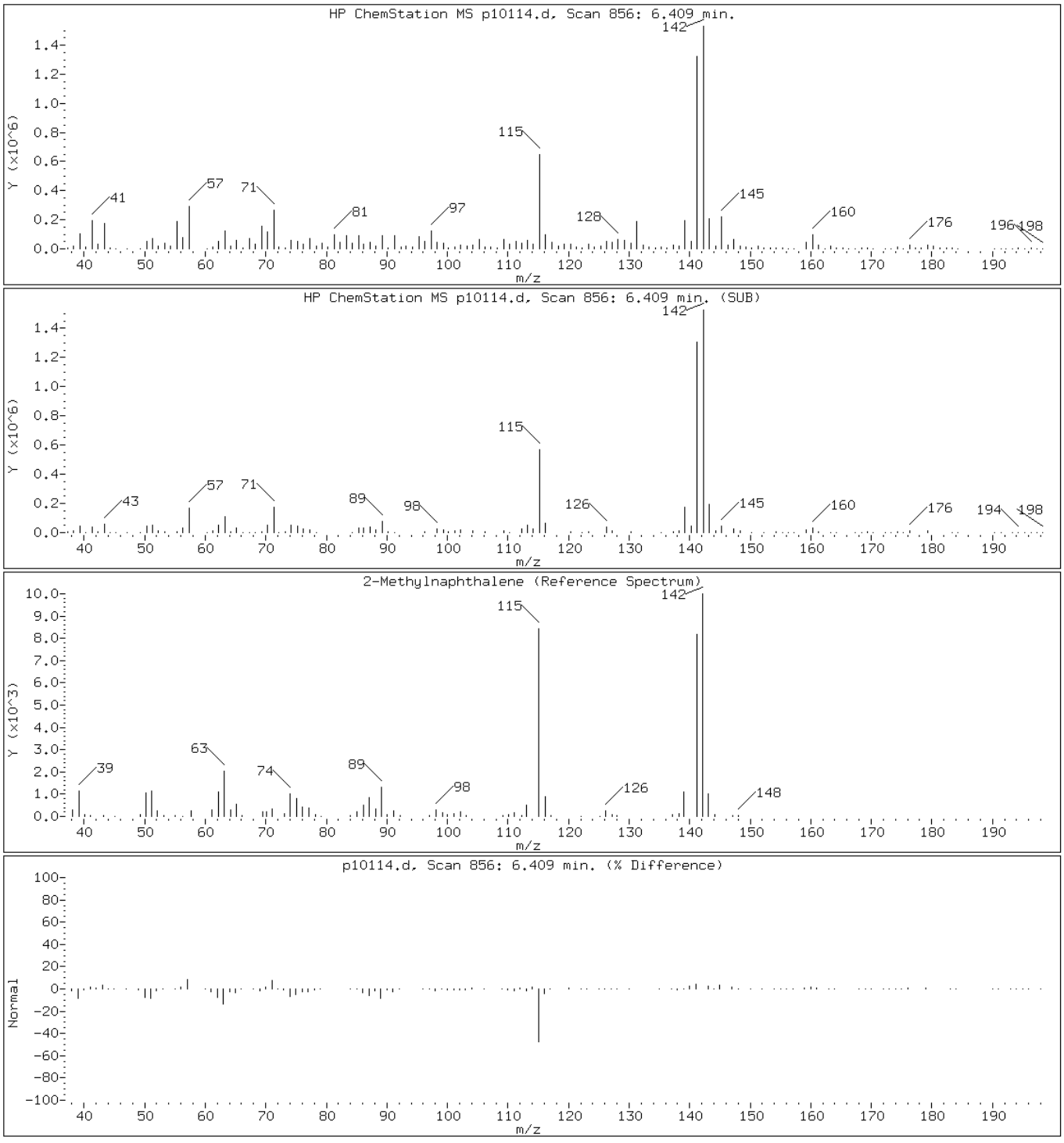
Data File: p10114.d

Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

34 2-Methylnaphthalene



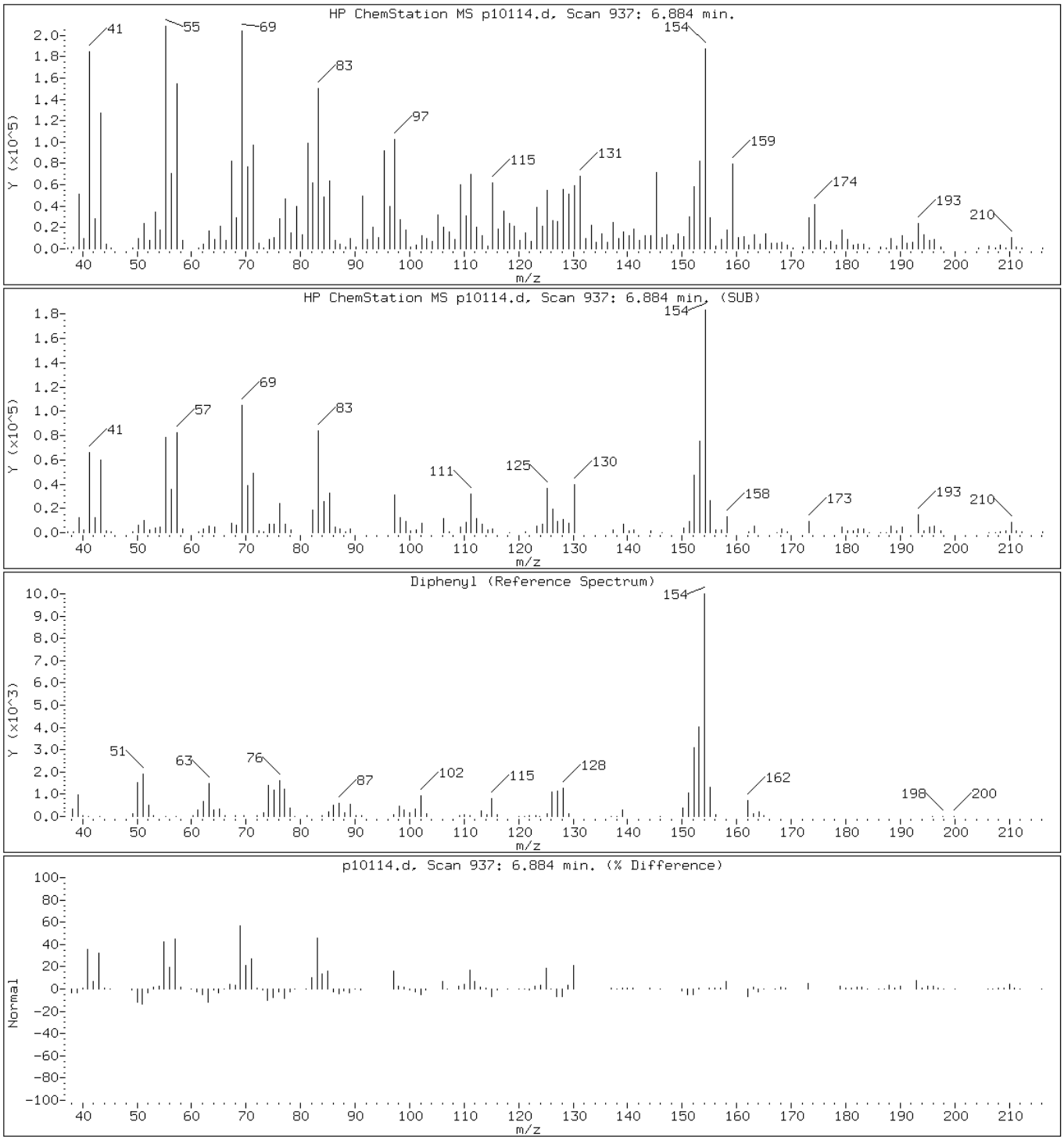
Data File: p10114.d

Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

102 Diphenyl



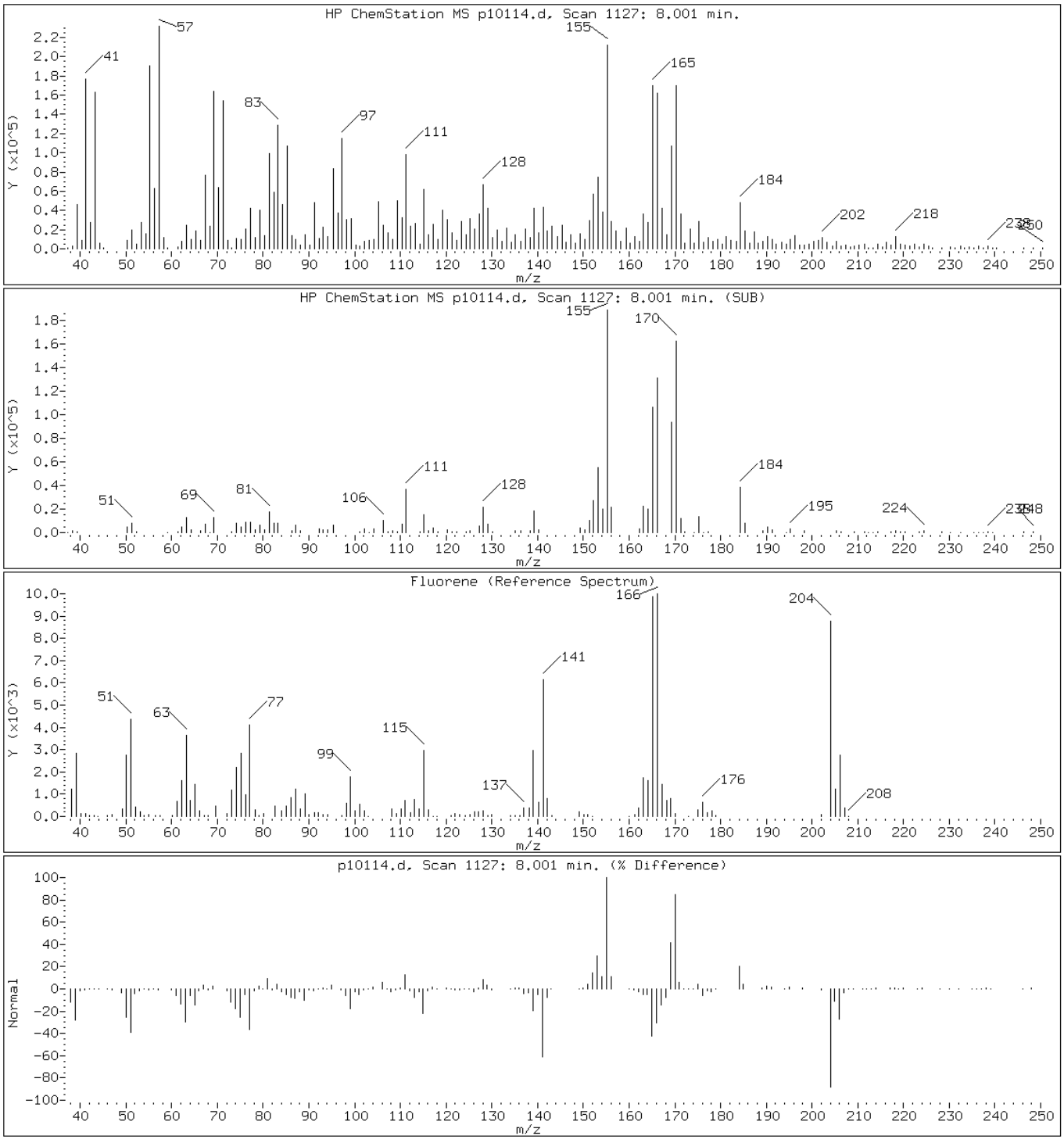
Data File: p10114.d

Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

47 Fluorene



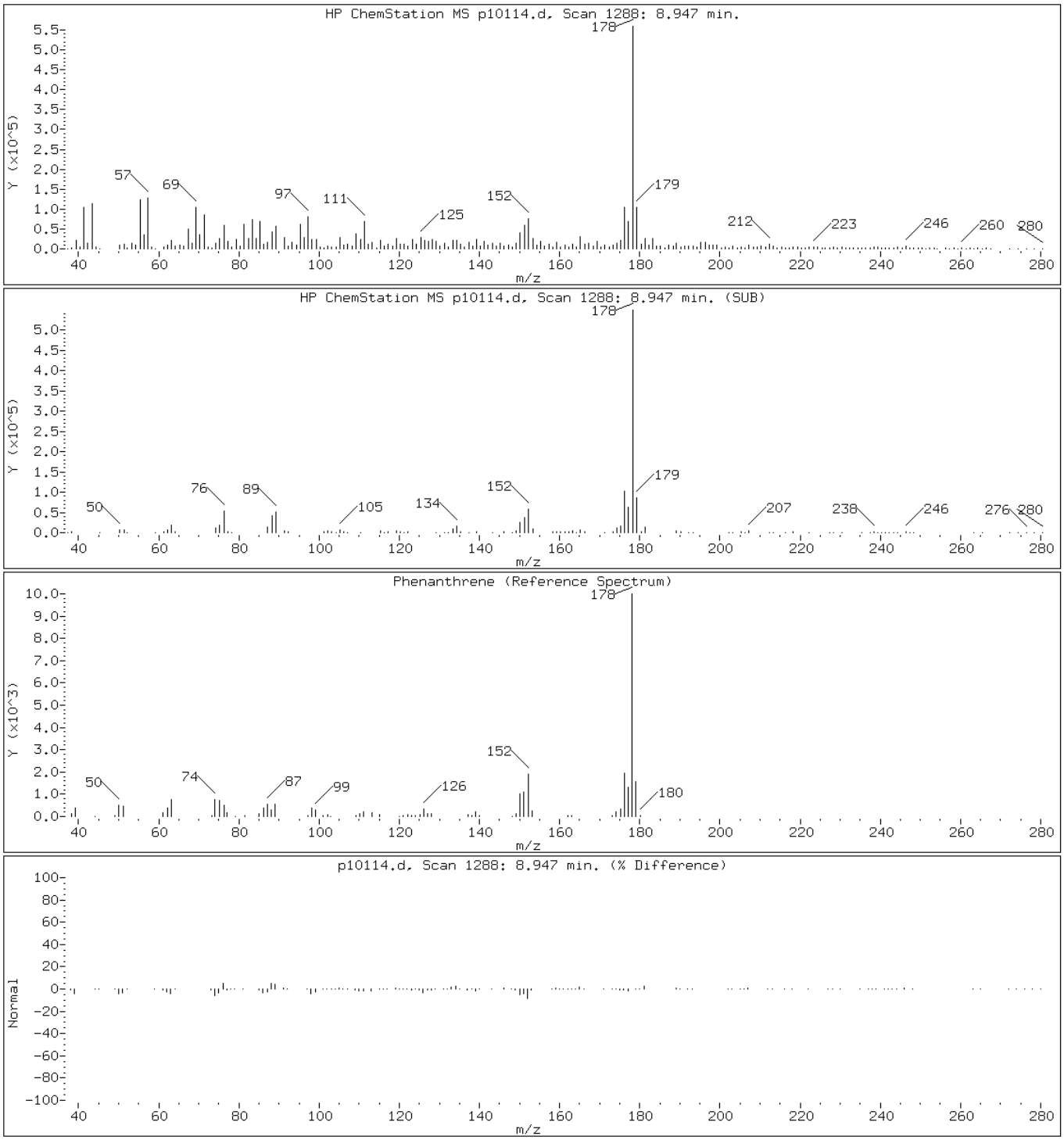
Data File: p10114.d

Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

52 Phenanthrene



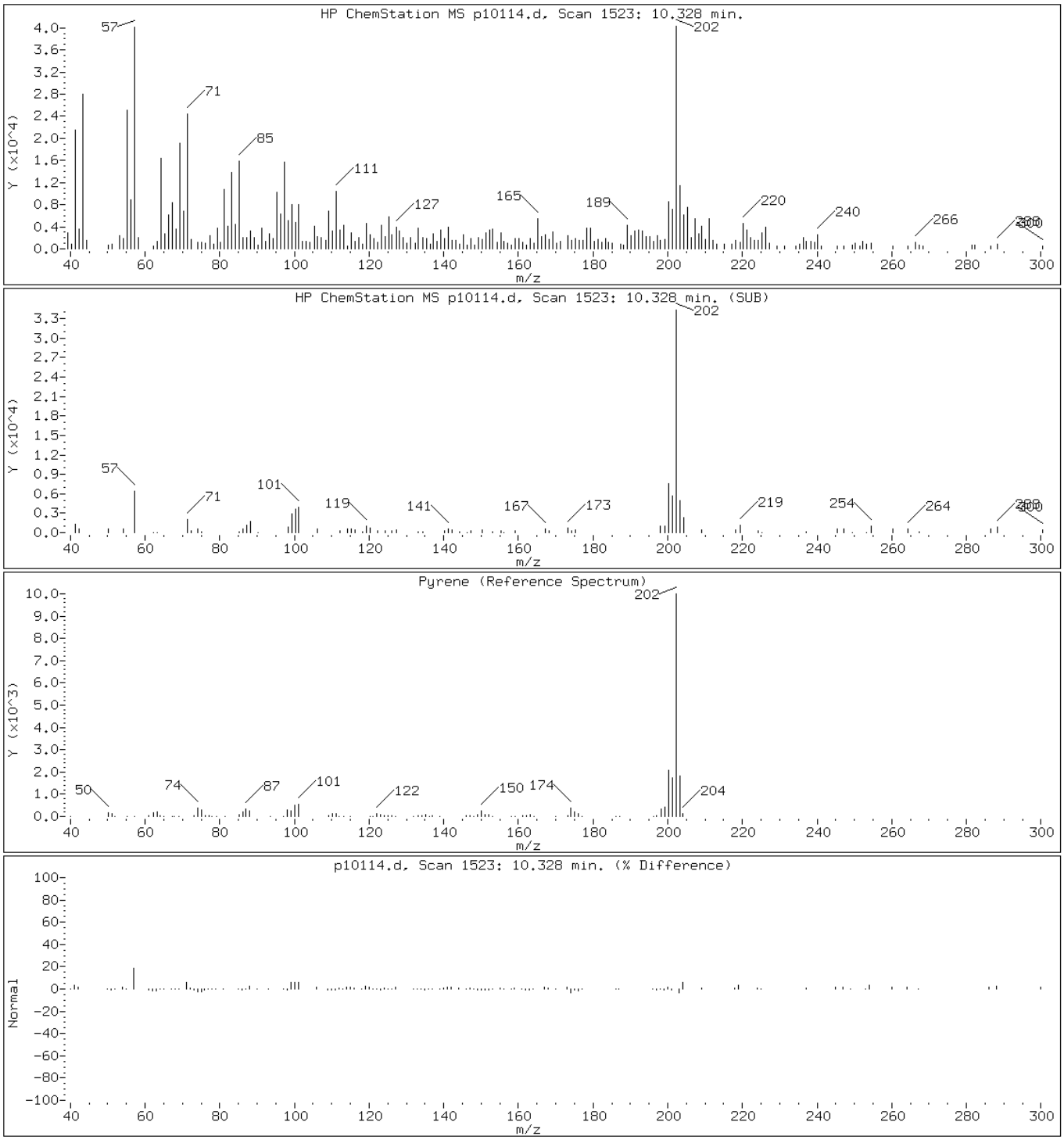
Data File: p10114.d

Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

57 Pyrene



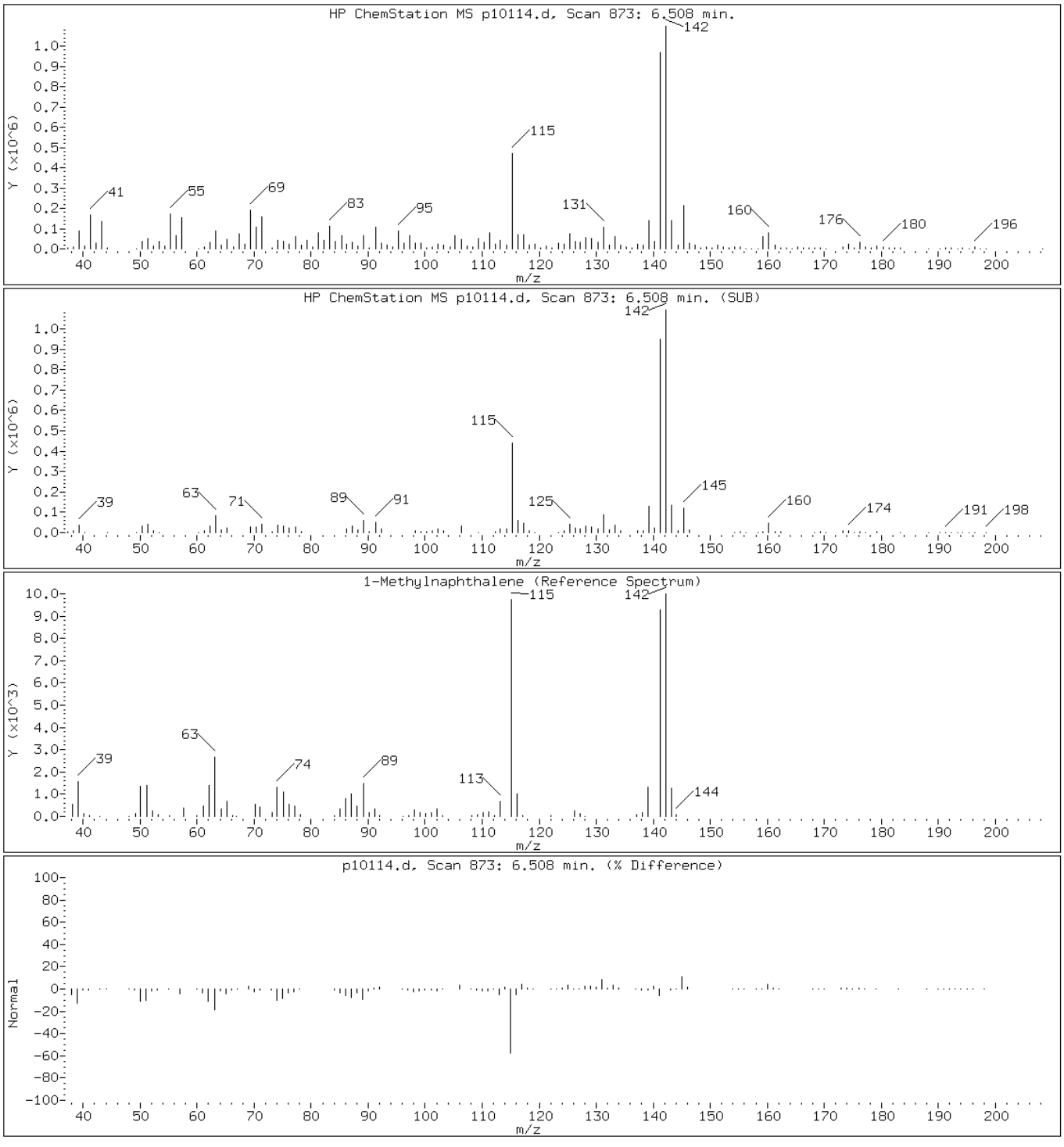
Data File: p10114.d

Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

120 1-Methylnaphthalene



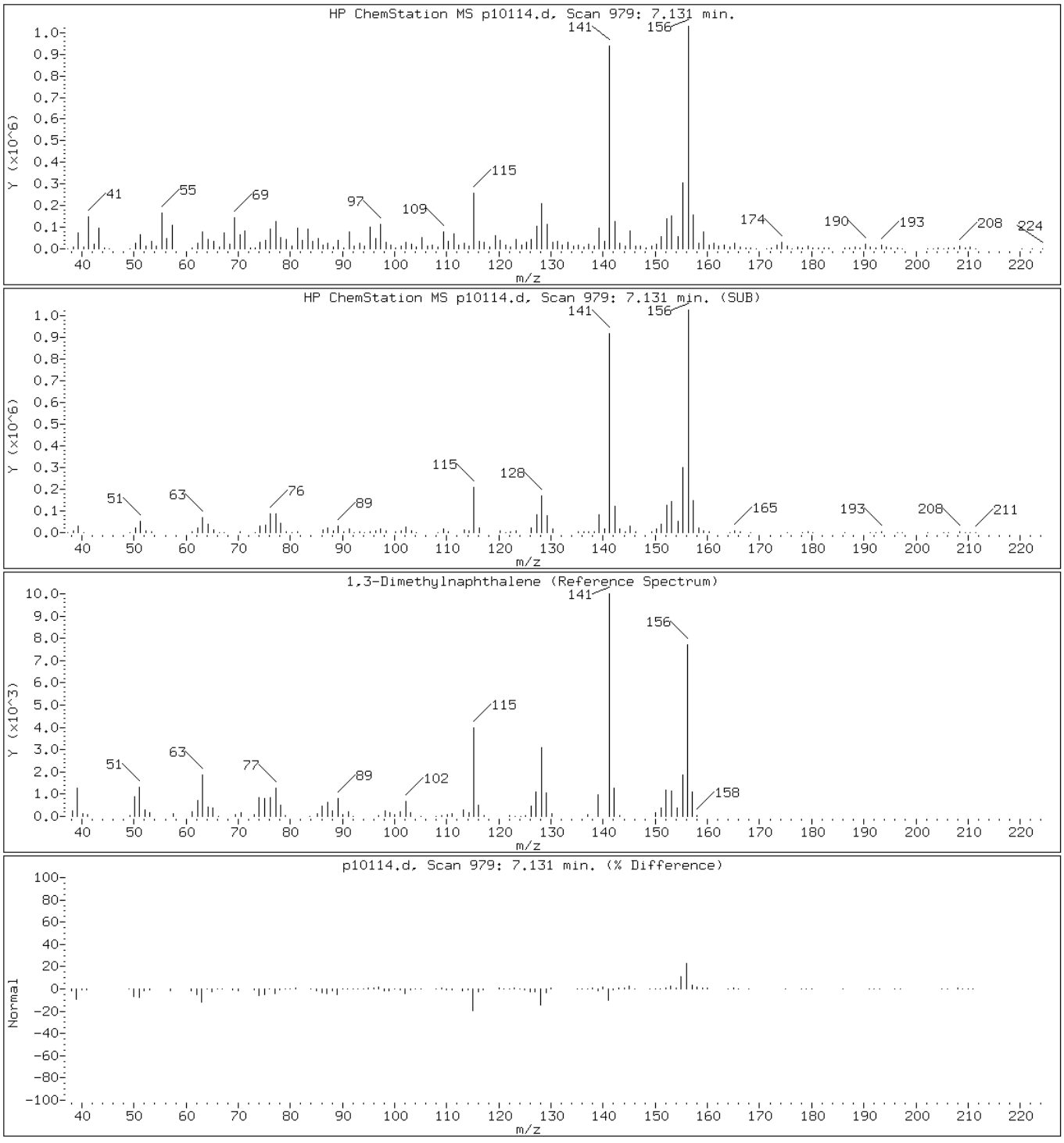
Data File: p10114.d

Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: p10114.d

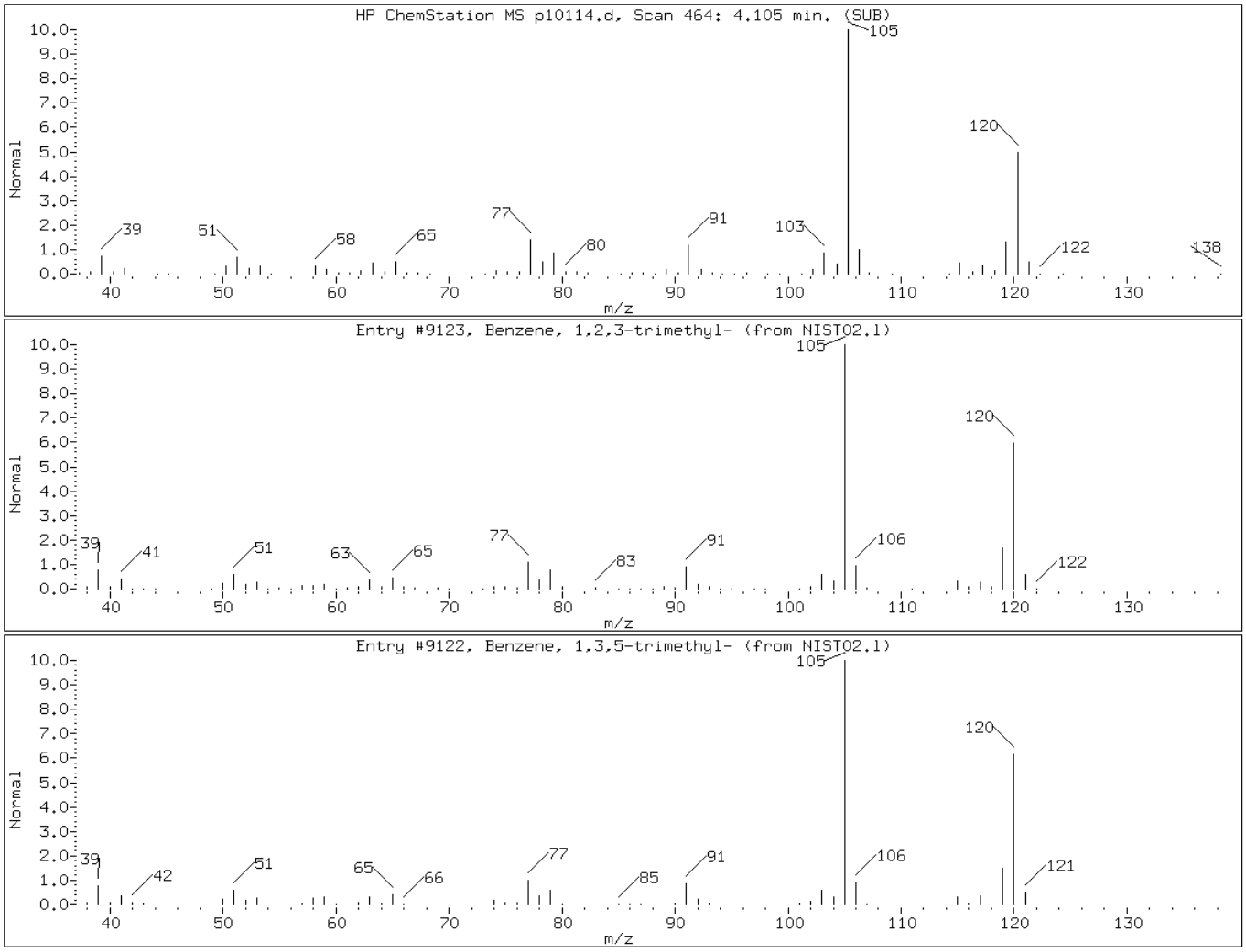
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 4.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	97	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9122	97	C9H12	120



Data File: p10114.d

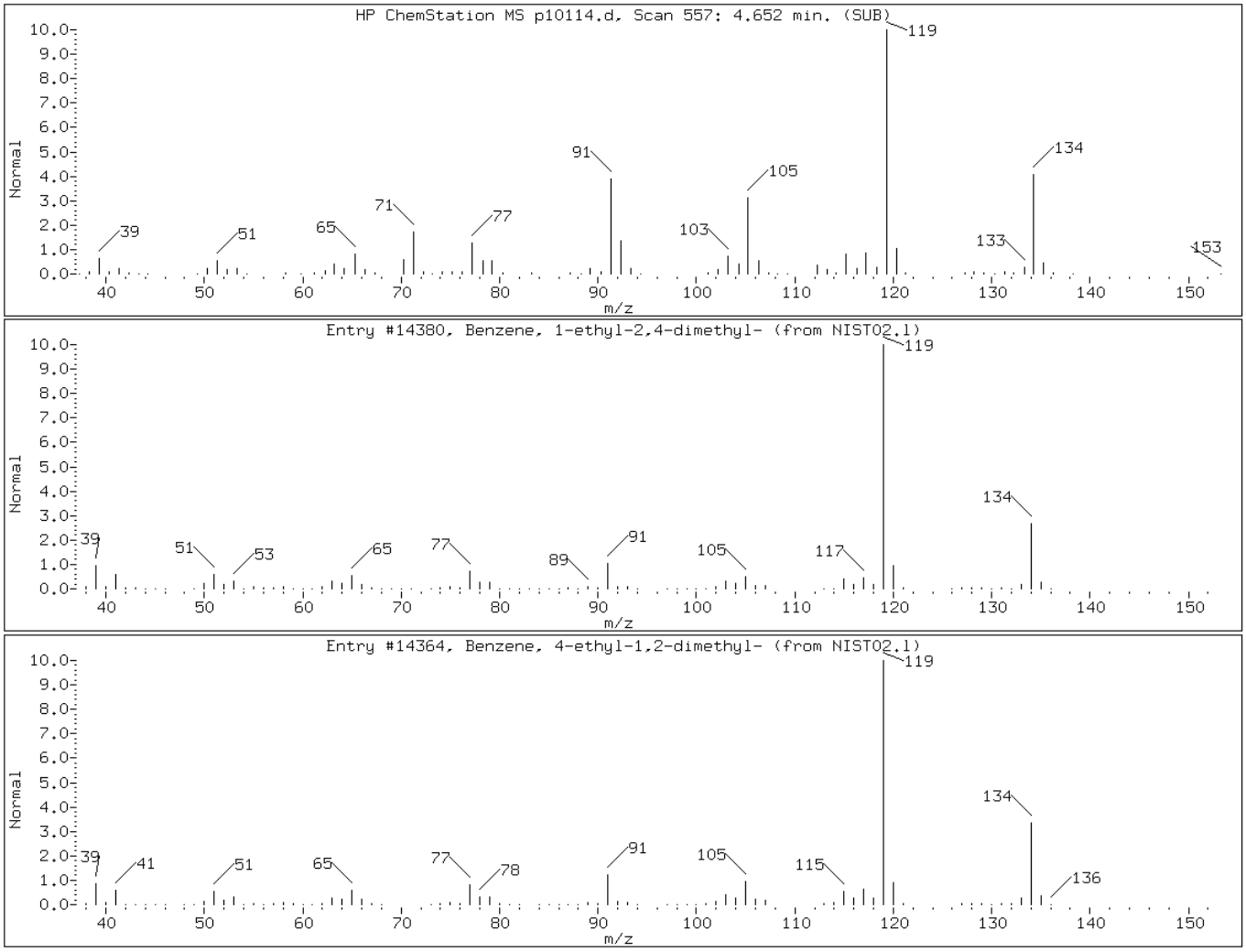
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 4.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14380	93	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14364	93	C10H14	134



Data File: p10114.d

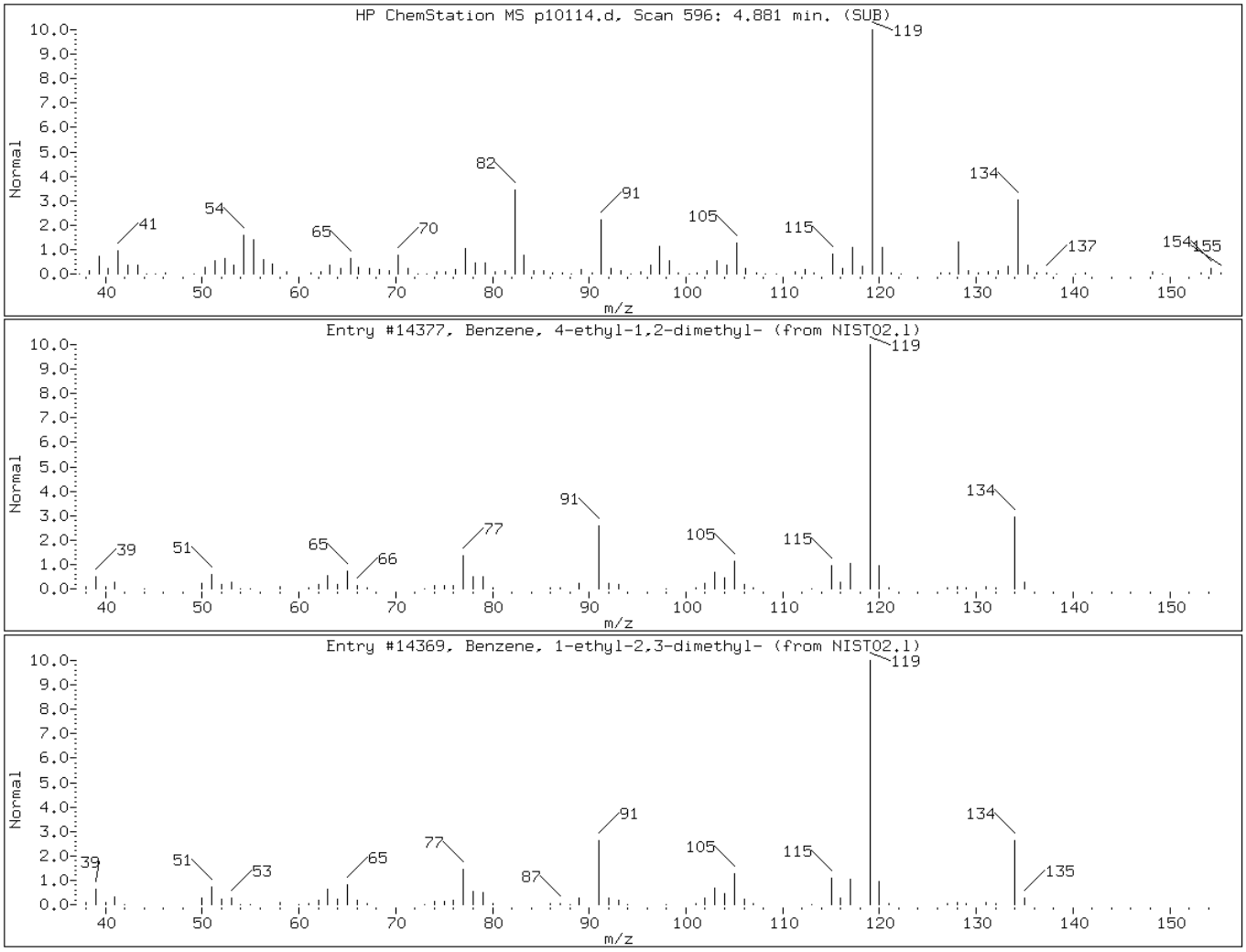
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 4.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-2						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	95	C10H14	134



Data File: p10114.d

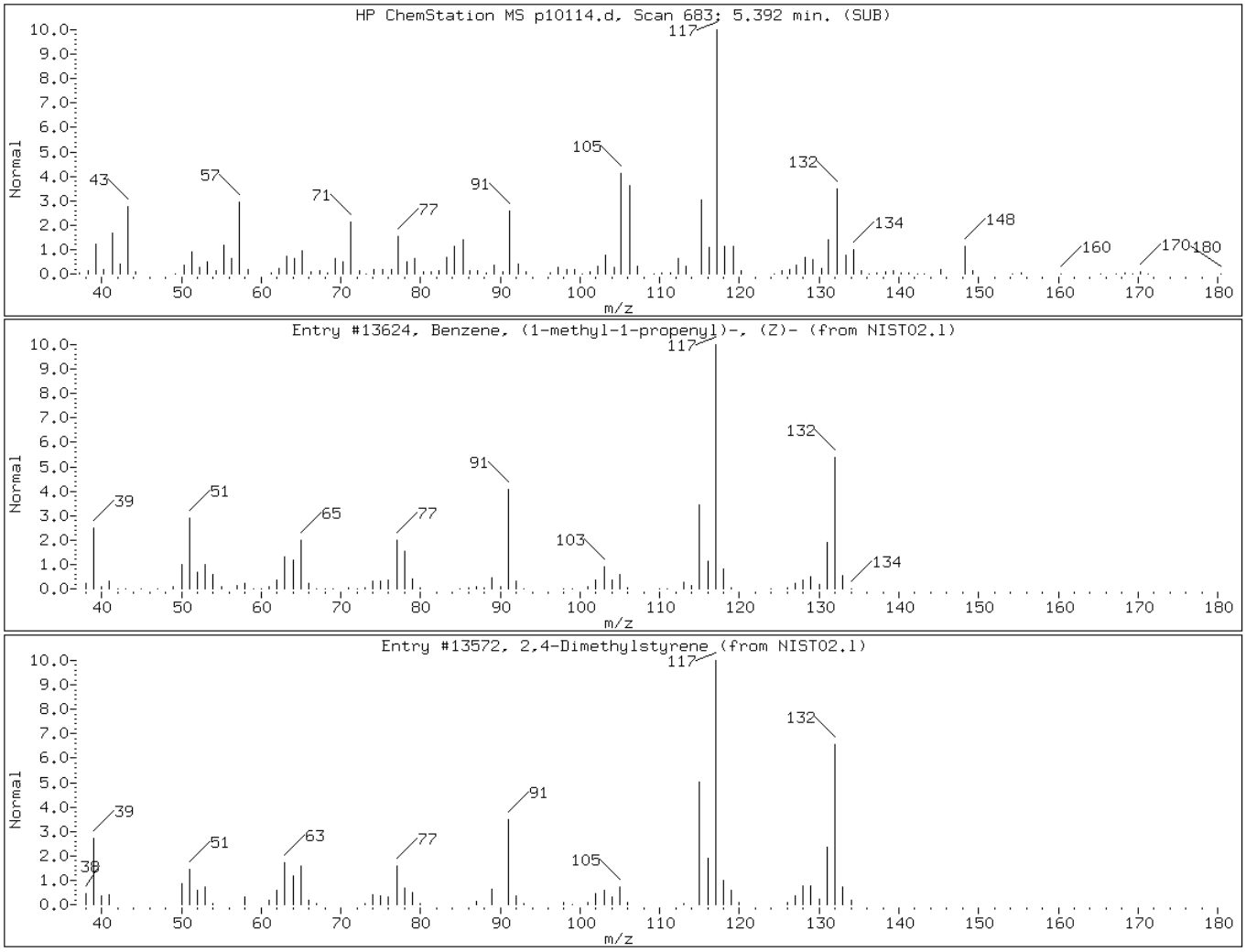
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 5.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, (1-methyl-1-propenyl)-, (	767-99-7	NIST02.l	13624	93	C10H12	132
2,4-Dimethylstyrene	2234-20-0	NIST02.l	13572	91	C10H12	132



Data File: p10114.d

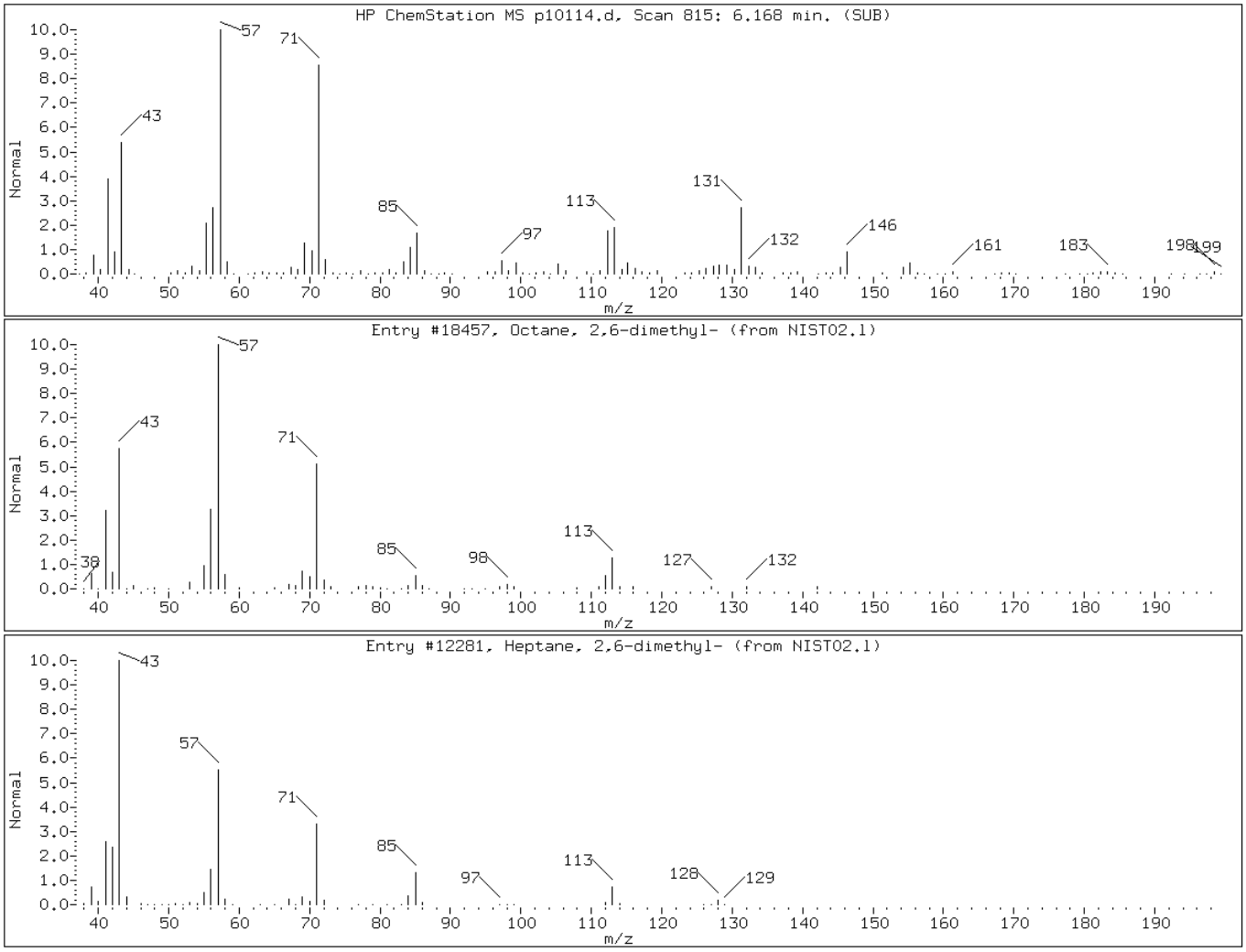
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 6.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18457	74	C10H22	142
Heptane, 2,6-dimethyl-	1072-05-5	NIST02.l	12281	64	C9H20	128



Data File: p10114.d

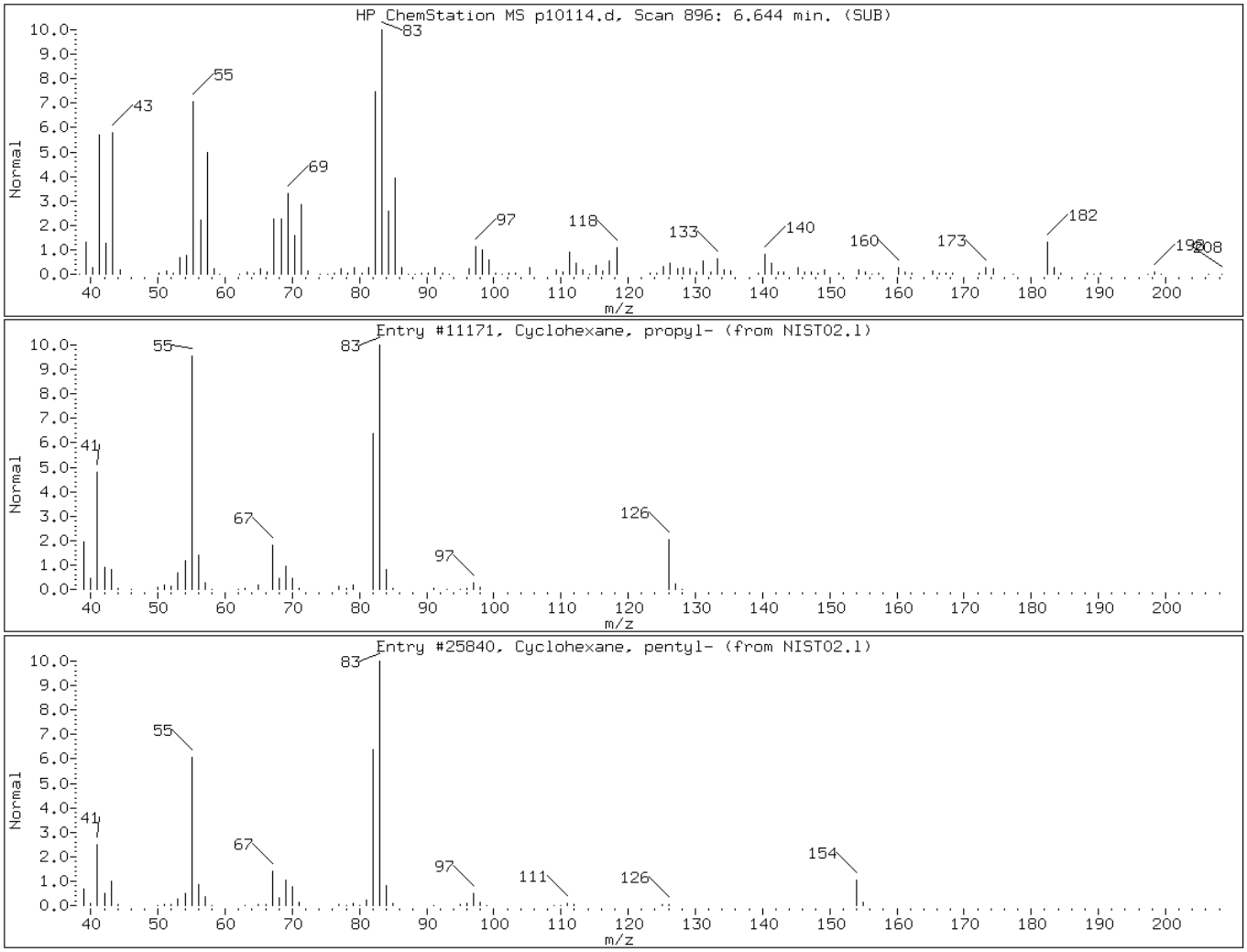
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 6.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-3						
Cyclohexane, propyl-	1678-92-8	NIST02.l	11171	46	C9H18	126
Cyclohexane, pentyl-	4292-92-6	NIST02.l	25840	46	C11H22	154



Data File: p10114.d

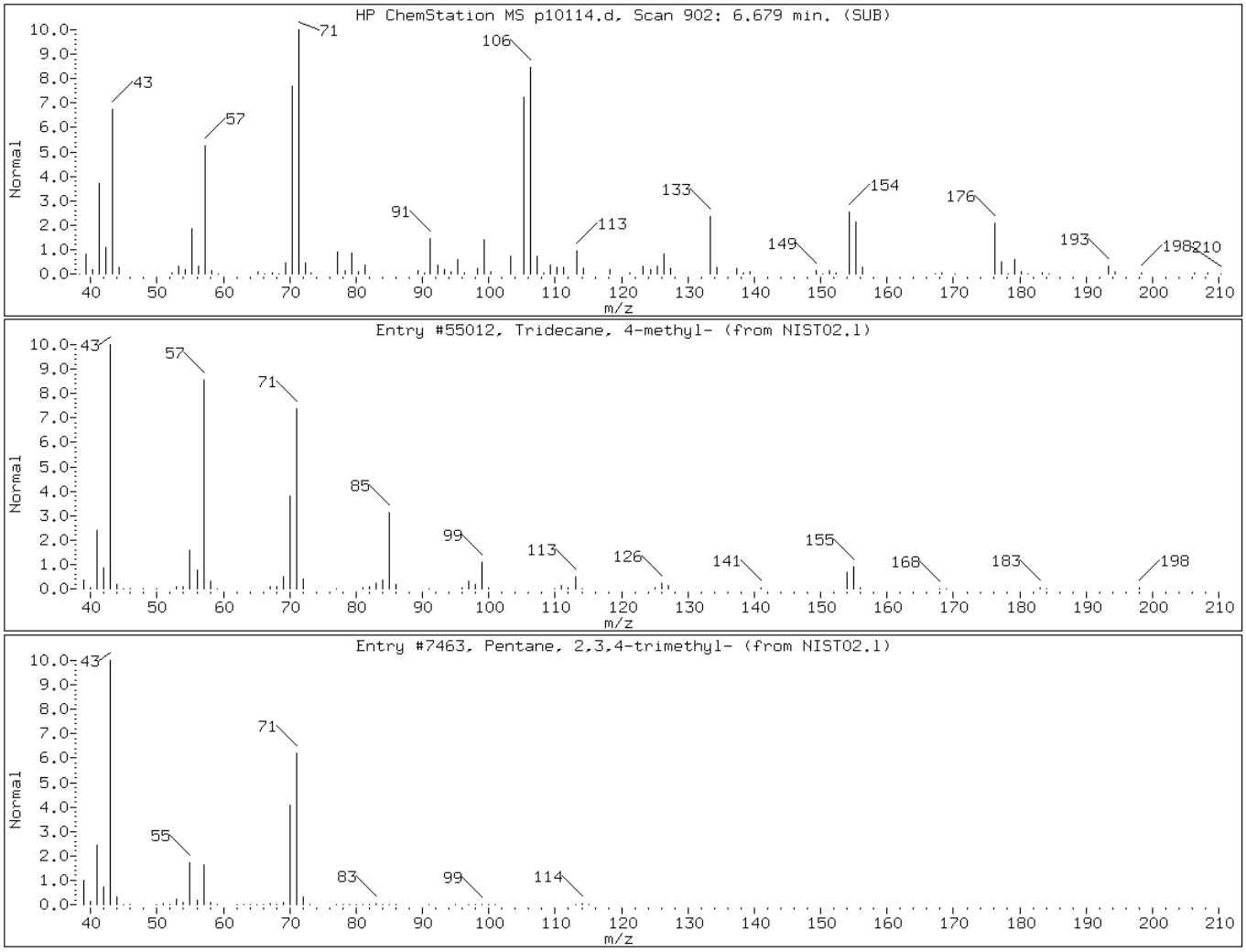
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 6.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane, 4-methyl-	26730-12-1	NIST02.l	55012	38	C14H30	198
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.l	7463	35	C8H18	114



Data File: p10114.d

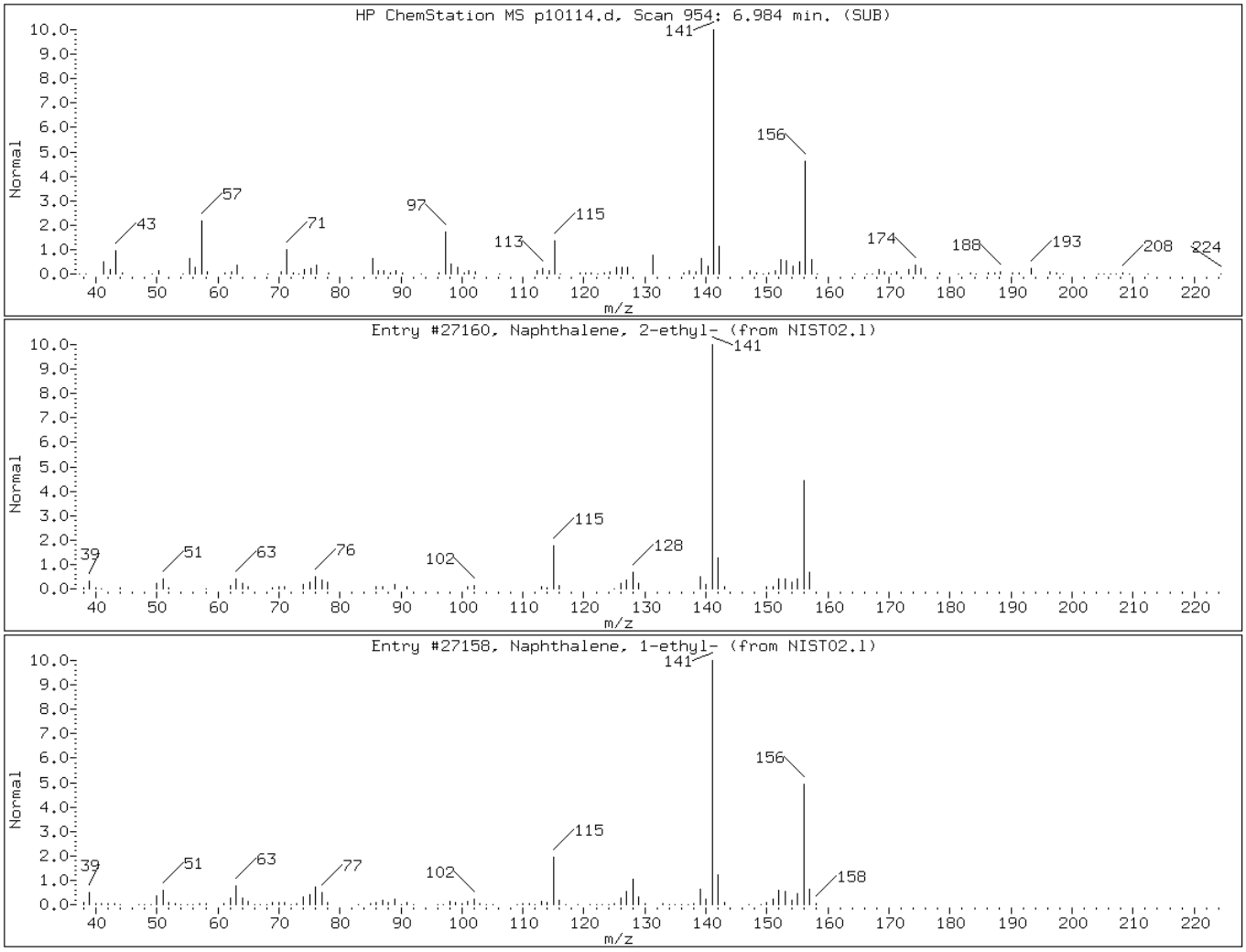
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 6.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylnaphthalene isomer						
Naphthalene, 2-ethyl-	939-27-5	NIST02.l	27160	94	C12H12	156
Naphthalene, 1-ethyl-	1127-76-0	NIST02.l	27158	87	C12H12	156



Data File: p10114.d

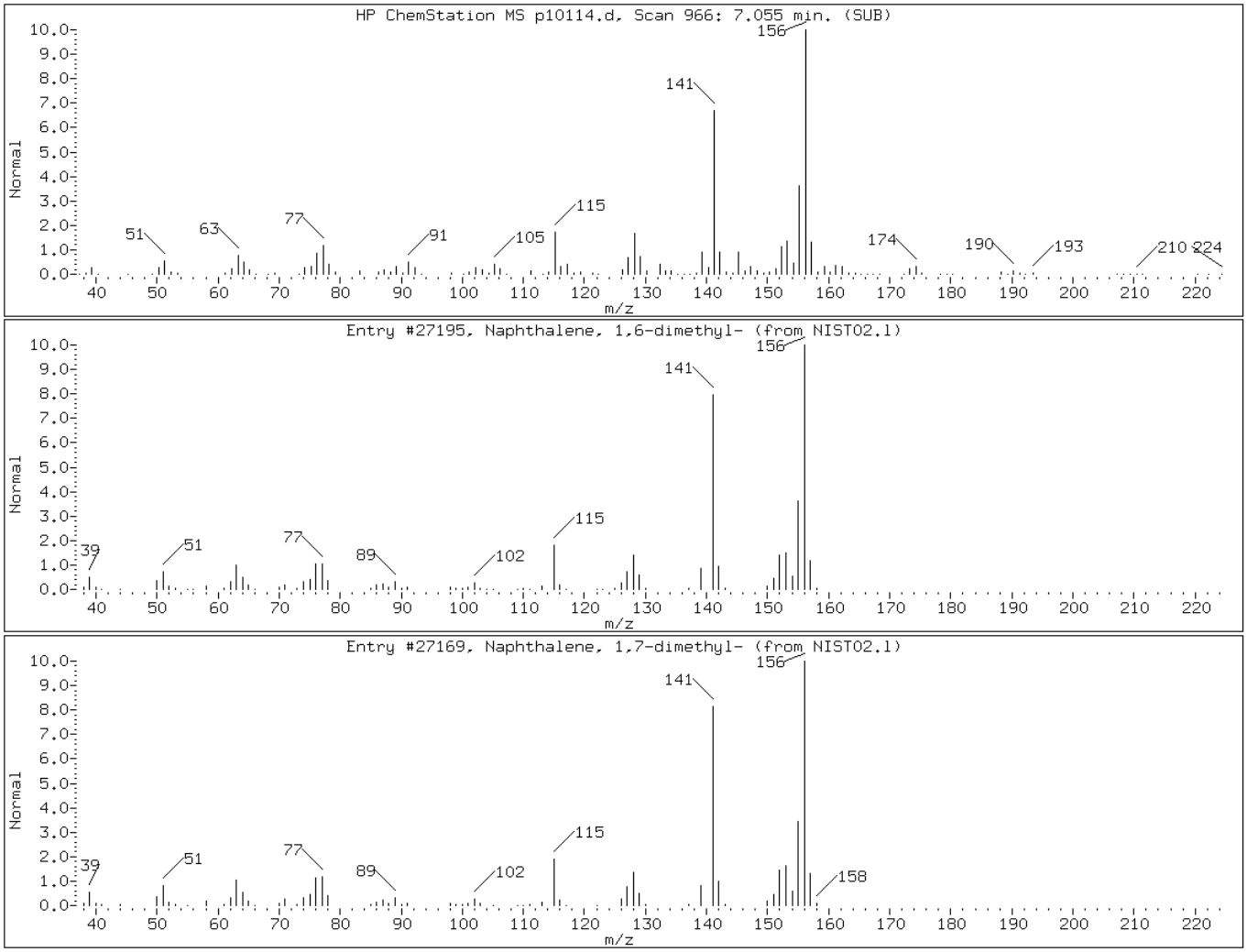
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 7.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-1						
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.l	27195	96	C12H12	156
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.l	27169	96	C12H12	156



Data File: p10114.d

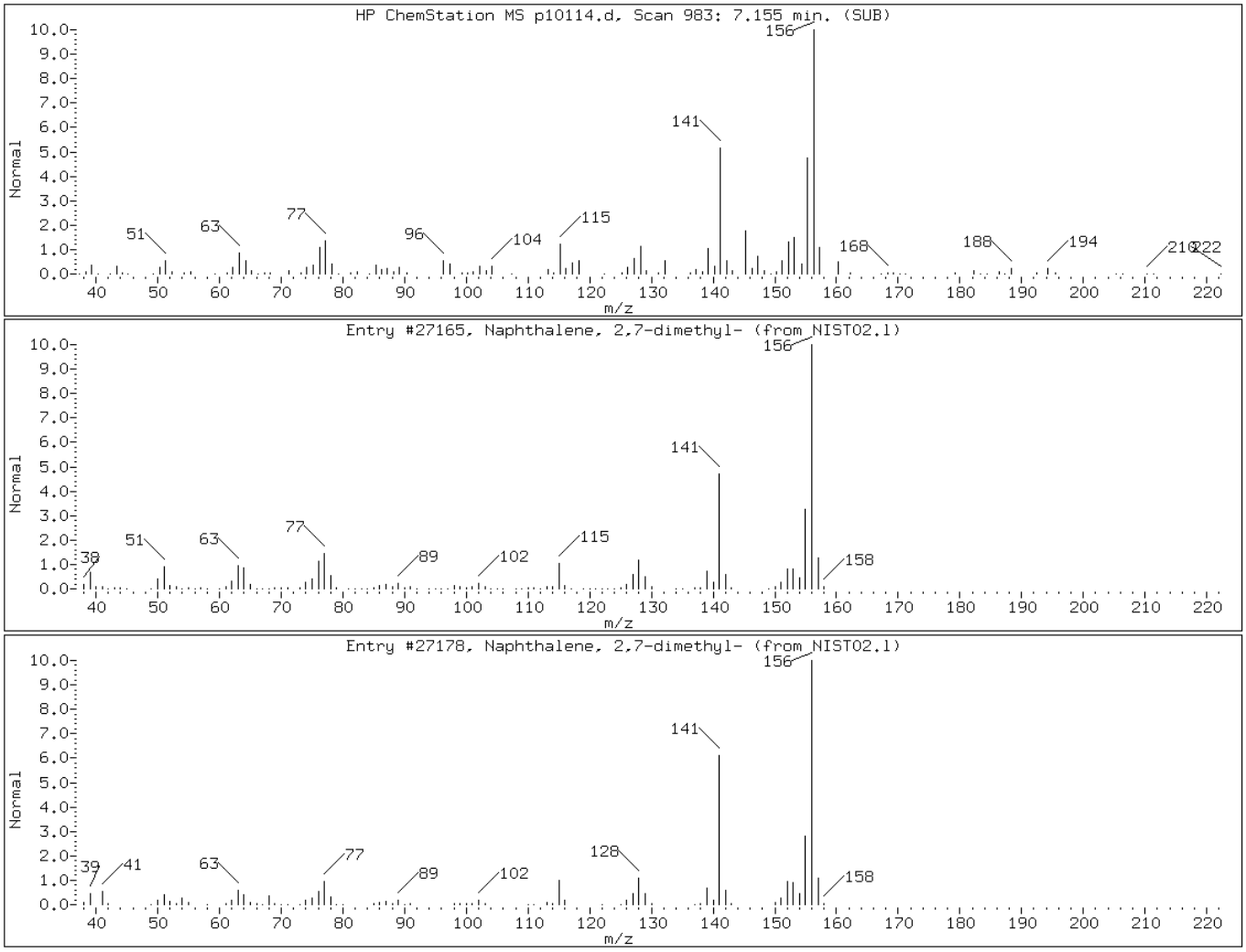
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 7.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-2						
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27165	90	C12H12	156
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27178	90	C12H12	156



Data File: p10114.d

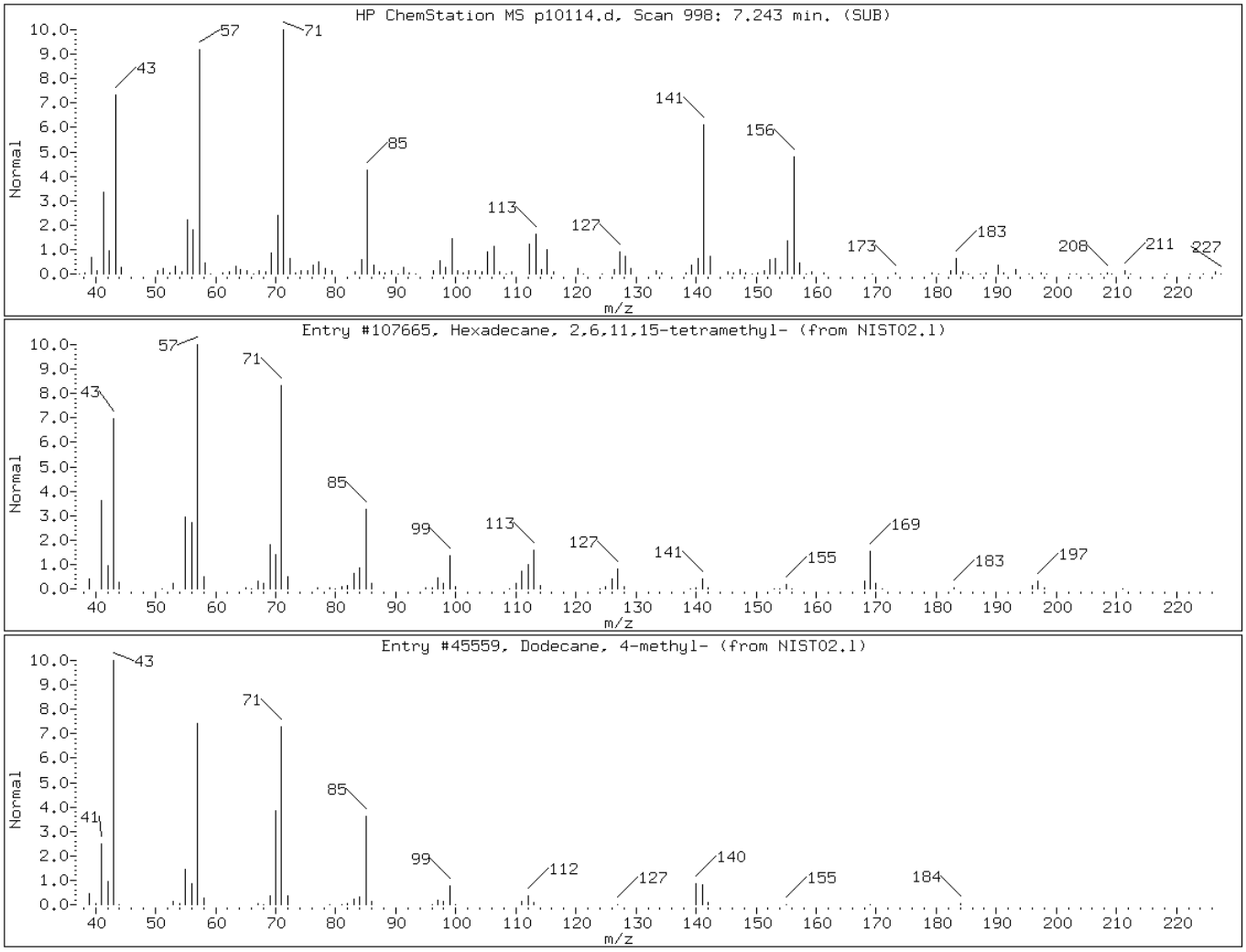
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 7.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.l	107665	49	C20H42	282
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45559	46	C13H28	184



Data File: p10114.d

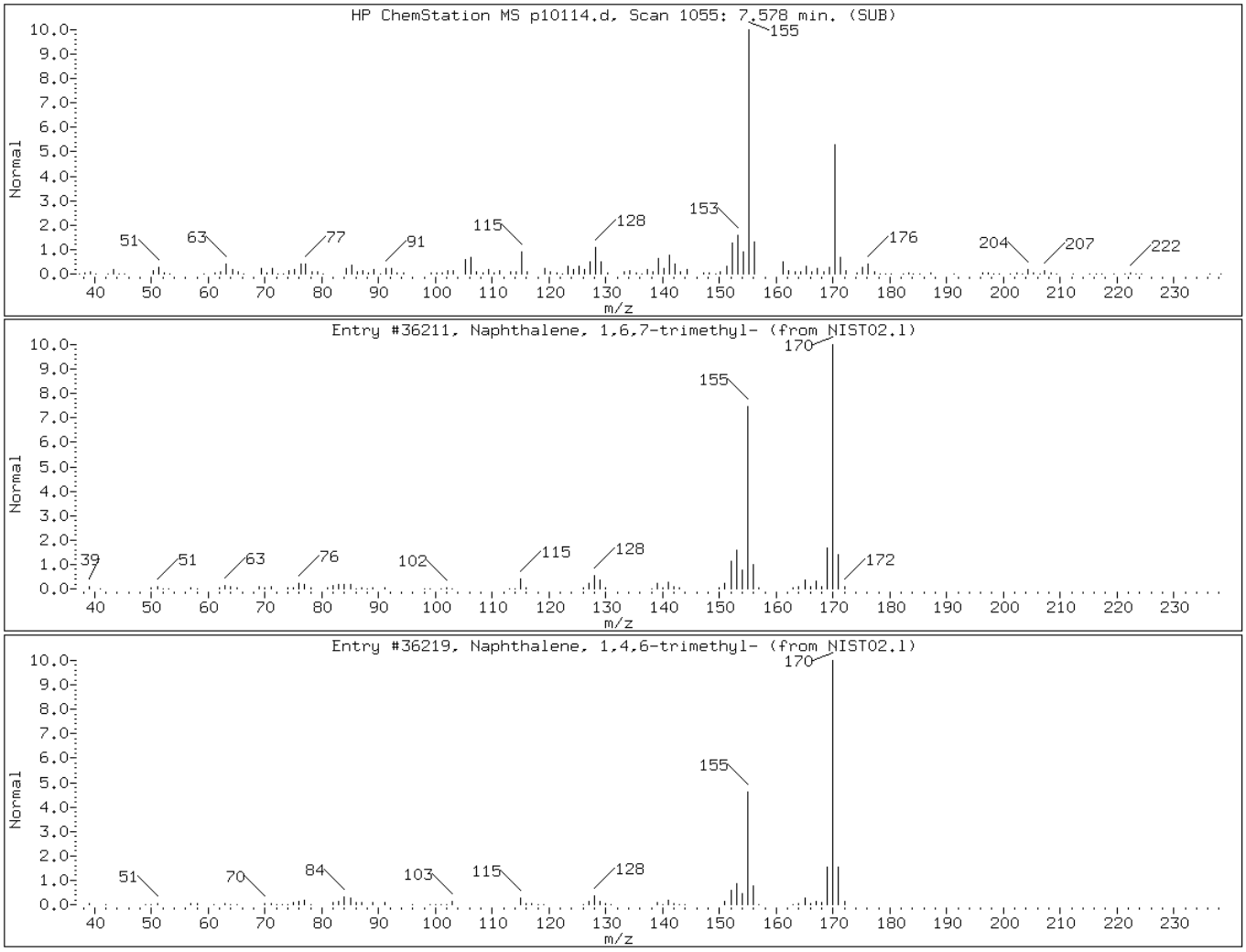
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 7.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36211	94	C13H14	170
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36219	94	C13H14	170



Data File: p10114.d

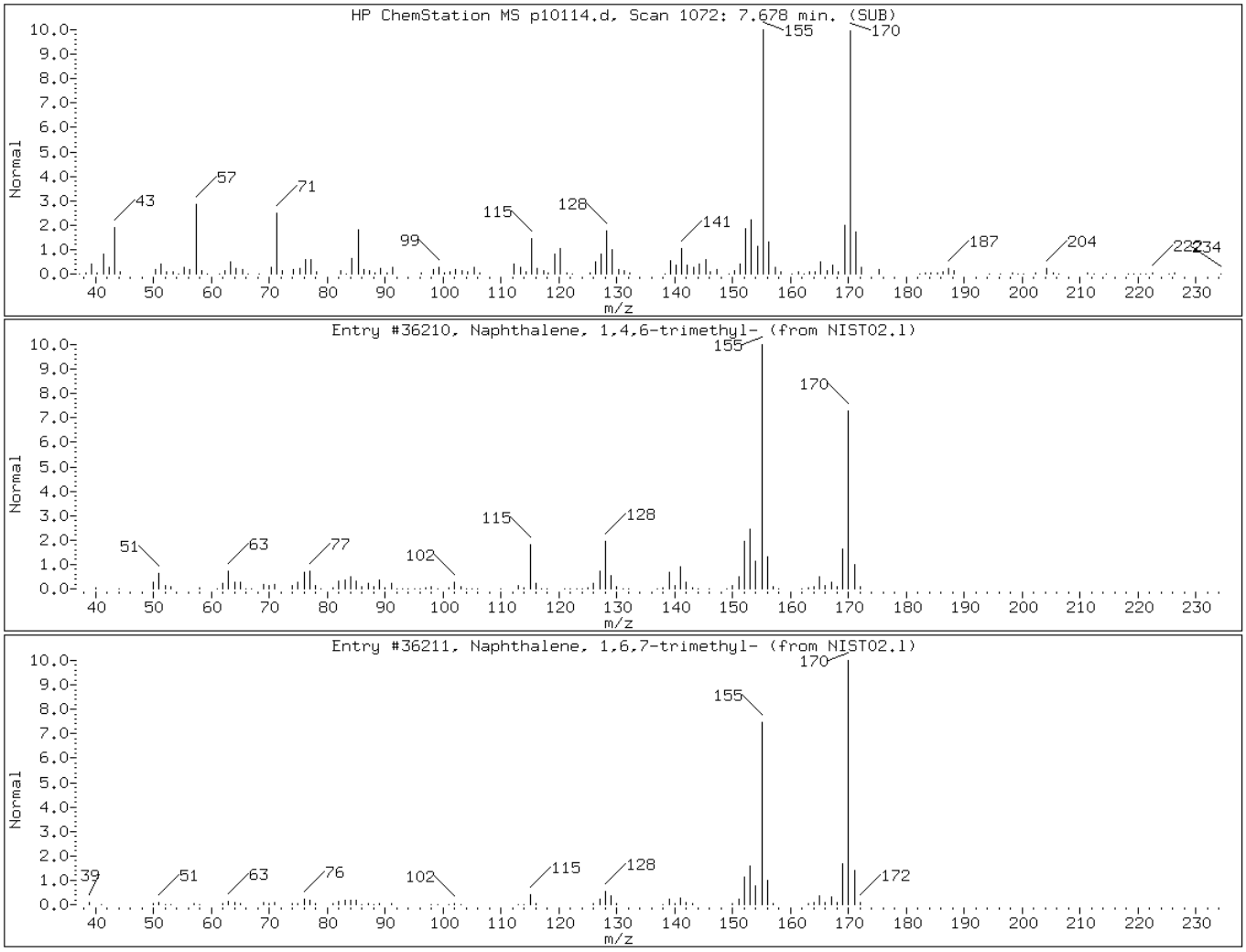
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 7.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	97	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36211	97	C13H14	170



Data File: p10114.d

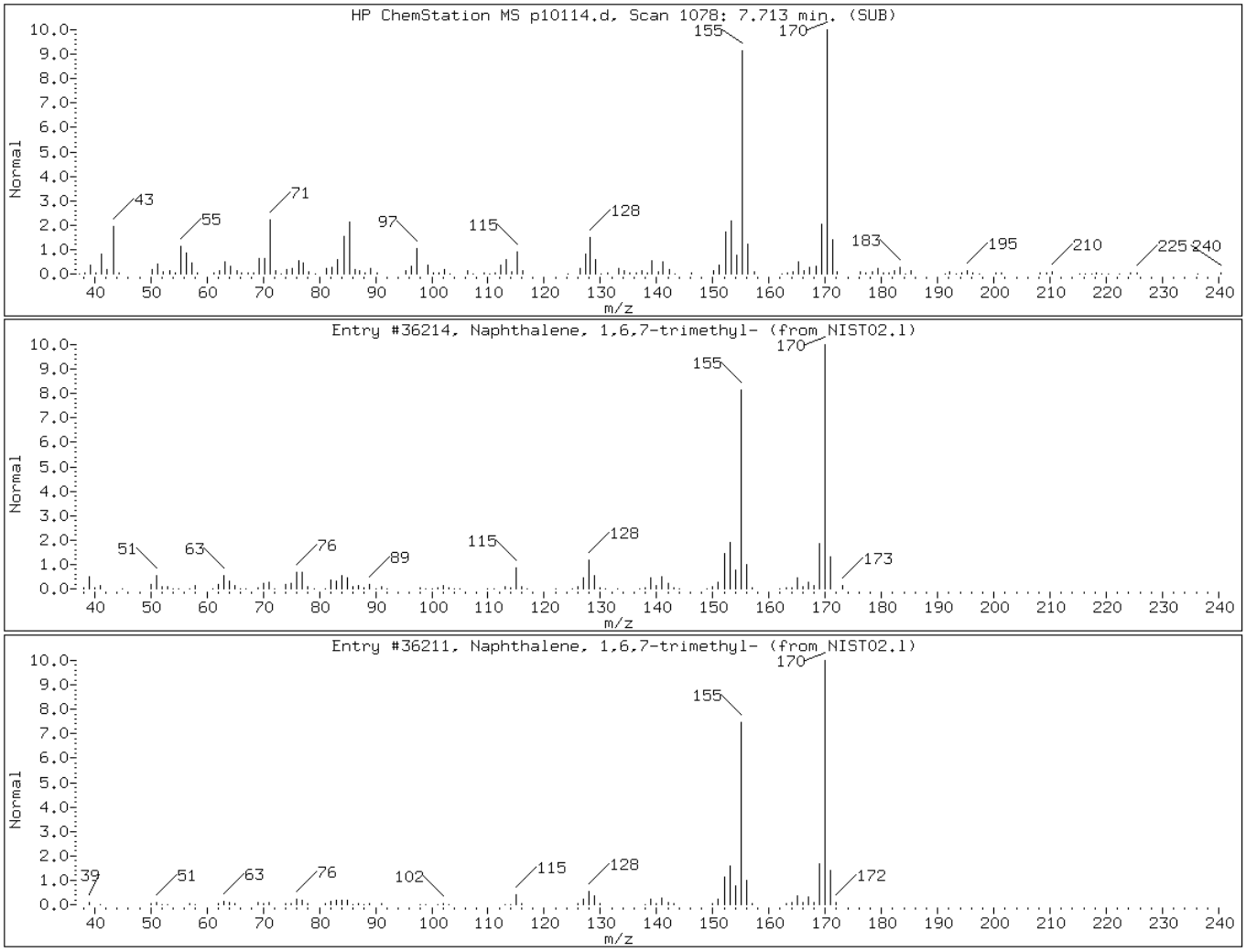
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 7.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-3						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	96	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36211	95	C13H14	170



Data File: p10114.d

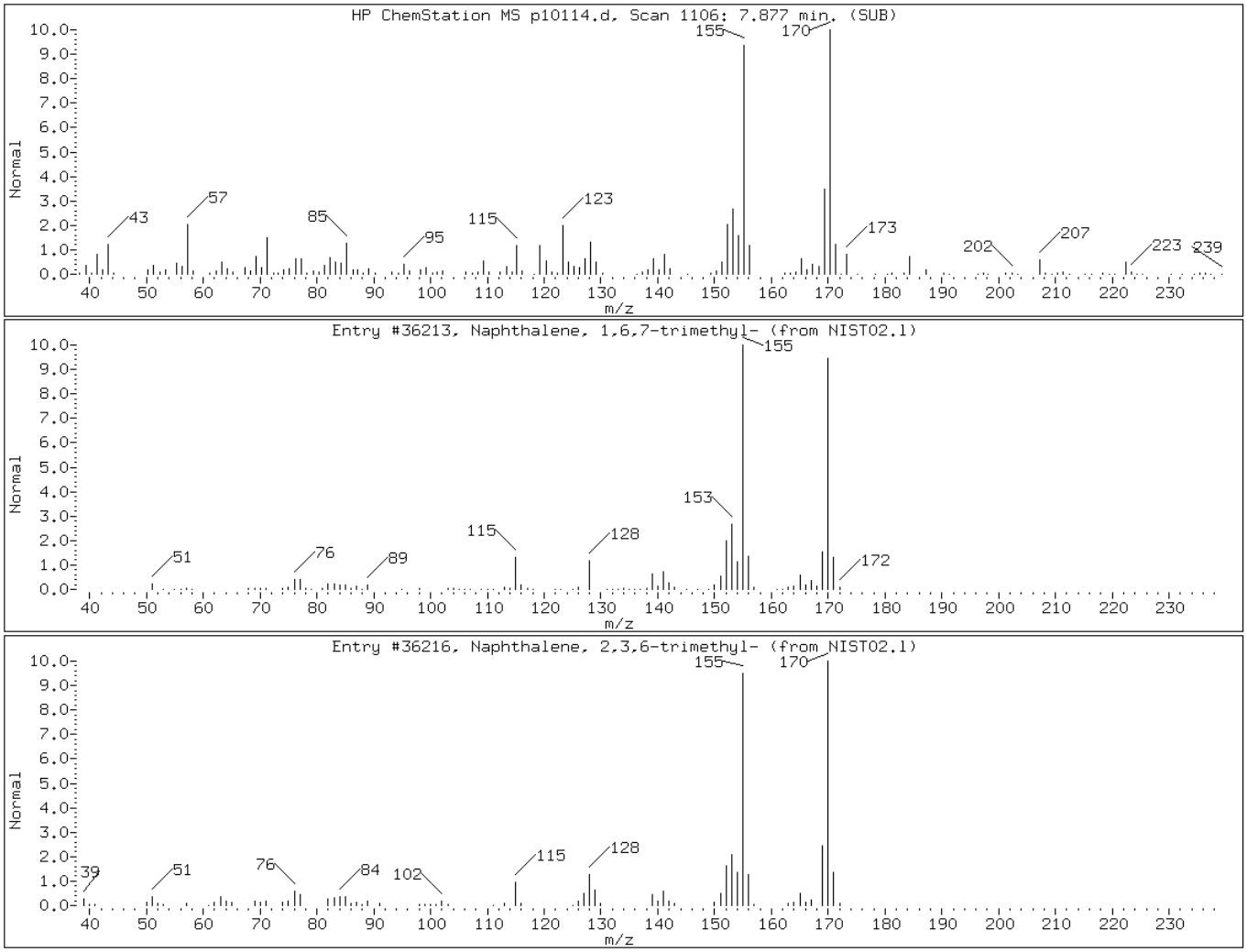
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 7.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-4						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	96	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	95	C13H14	170



Data File: p10114.d

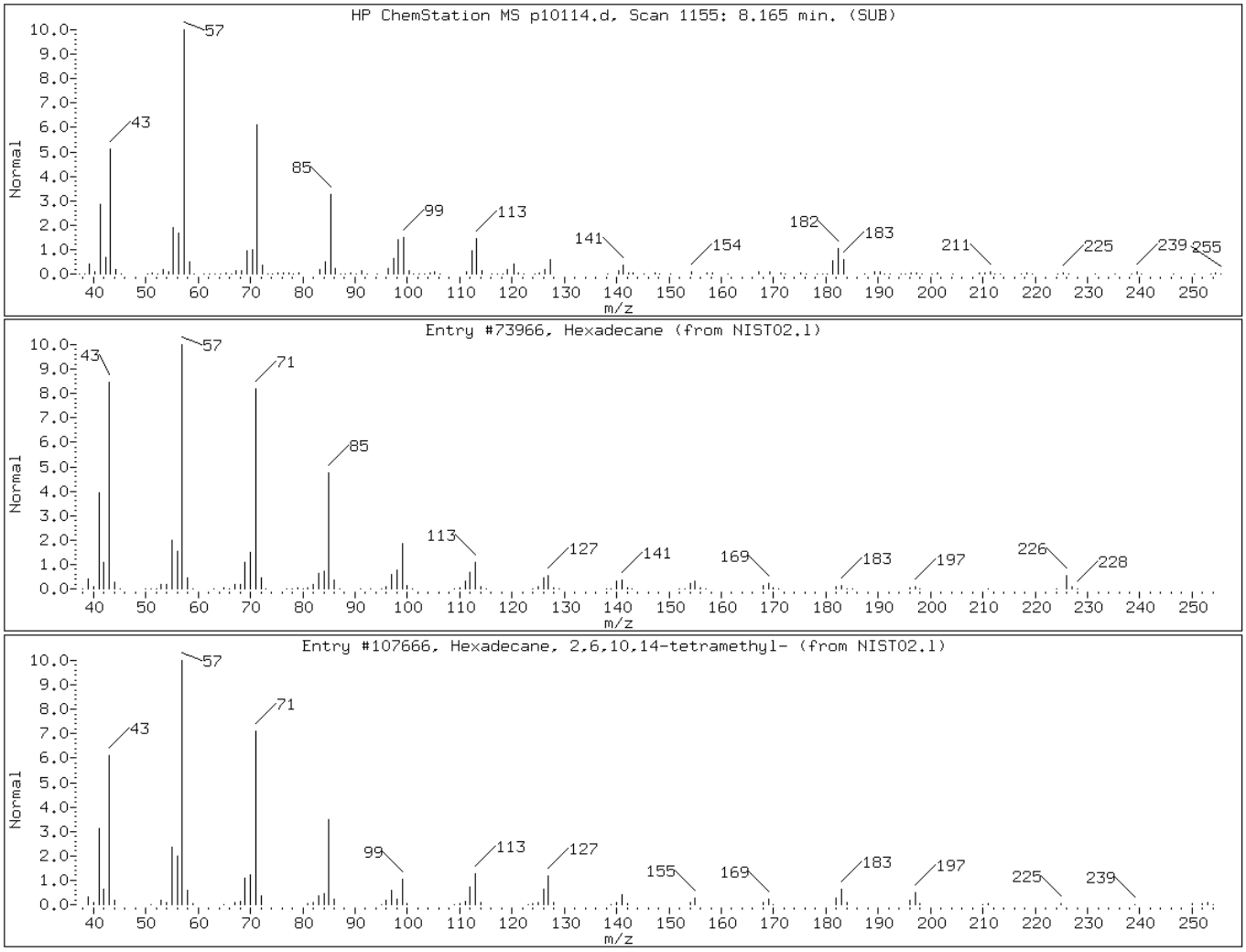
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 8.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane	544-76-3	NIST02.l	73966	74	C16H34	226
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	72	C20H42	282



Data File: p10114.d

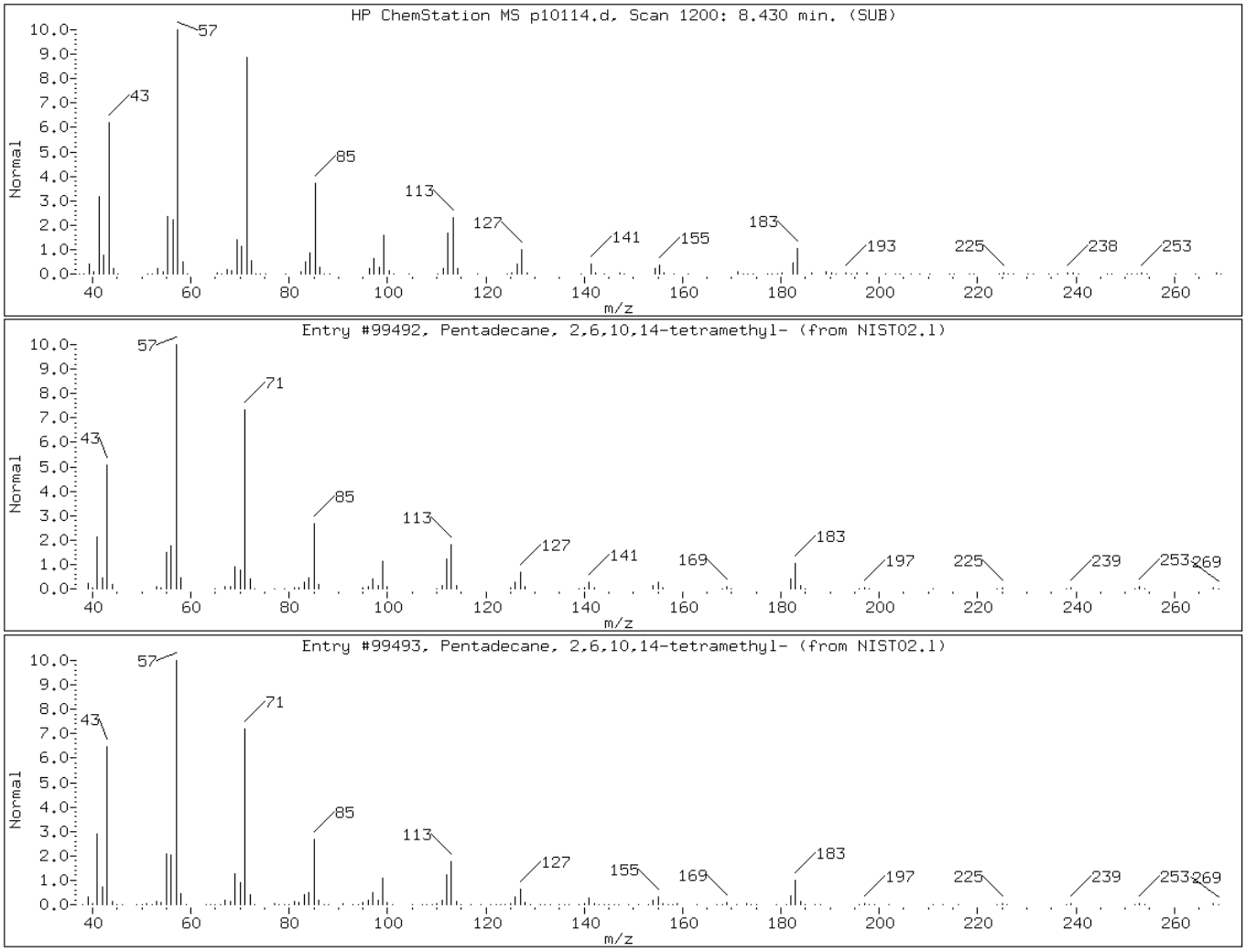
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 8.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	96	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	96	C19H40	268



Data File: p10114.d

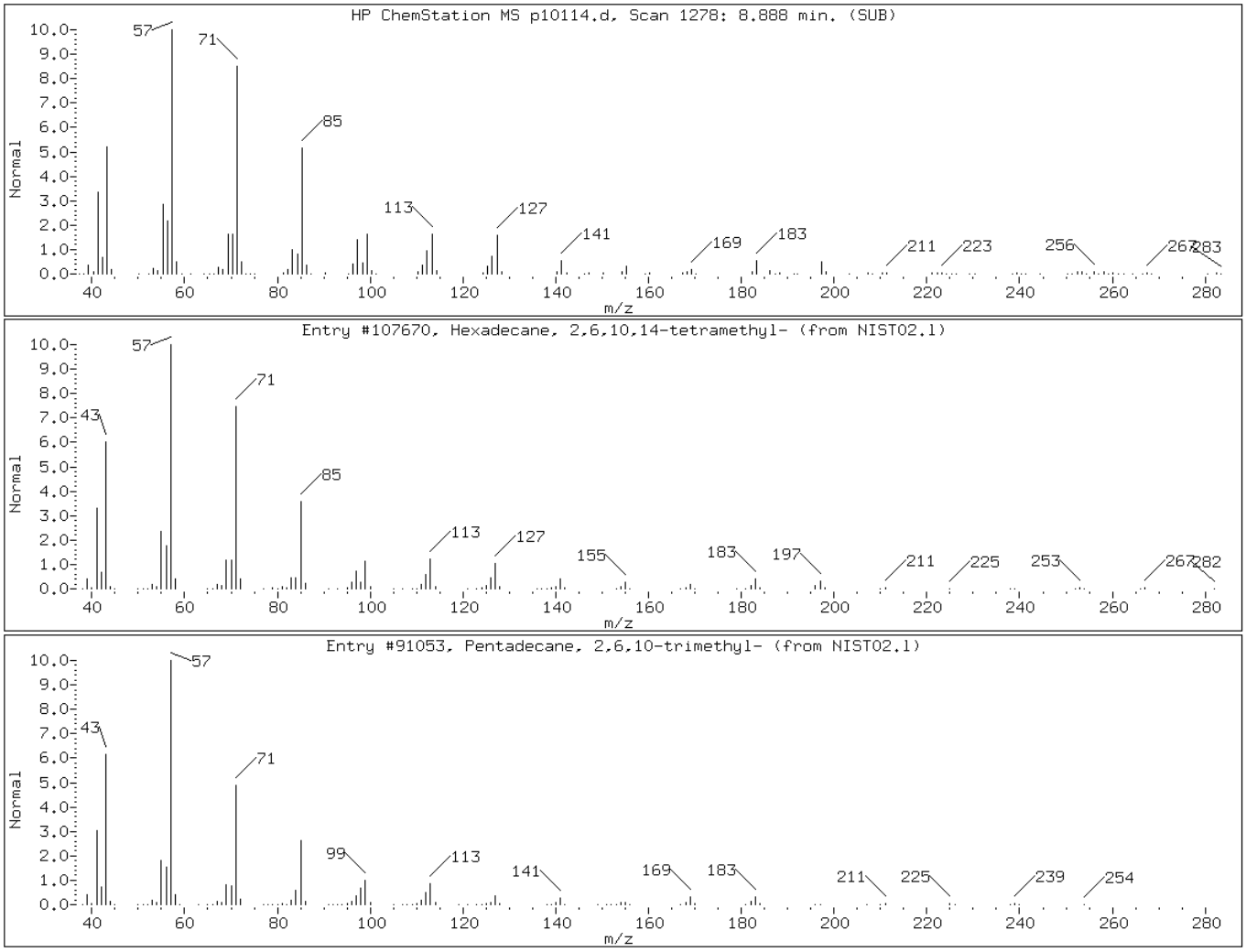
Date: 30-MAR-2011 06:58

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-17-A Operator: BNAMS 4

Retention Time: 8.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	98	C20H42	282
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	91	C18H38	254



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15VD-E (3.5-4) | Lab Sample ID: 460-24277-18

Matrix: Solid | Lab File ID: p10106.d

Analysis Method: 8270C | Date Collected: 03/18/2011 10:25

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.03(g) | Date Analyzed: 03/30/2011 03:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	360	U	360	44
95-57-8	2-Chlorophenol	360	U	360	48
95-48-7	2-Methylphenol	360	U	360	52
106-44-5	4-Methylphenol	360	U	360	59
100-52-7	Benzaldehyde	360	U	360	23
98-86-2	Acetophenone	360	U	360	53
111-44-4	Bis(2-chloroethyl)ether	36	U	36	7.5
108-60-1	2,2'-oxybis[1-chloropropane]	360	U	360	47
621-64-7	N-Nitrosodi-n-propylamine	36	U	36	4.8
98-95-3	Nitrobenzene	36	U	36	8.1
67-72-1	Hexachloroethane	36	U	36	6.1
78-59-1	Isophorone	360	U	360	41
88-75-5	2-Nitrophenol	360	U	360	59
105-67-9	2,4-Dimethylphenol	360	U	360	58
120-83-2	2,4-Dichlorophenol	360	U	360	58
111-91-1	Bis(2-chloroethoxy)methane	360	U	360	51
91-20-3	Naphthalene	360	U	360	53
106-47-8	4-Chloroaniline	360	U	360	45
87-68-3	Hexachlorobutadiene	73	U	73	15
105-60-2	Caprolactam	360	U	360	49
59-50-7	4-Chloro-3-methylphenol	360	U	360	60
91-57-6	2-Methylnaphthalene	360	U	360	53
118-74-1	Hexachlorobenzene	36	U	36	5.0
77-47-4	Hexachlorocyclopentadiene	360	U	360	110
88-06-2	2,4,6-Trichlorophenol	360	U	360	64
95-95-4	2,4,5-Trichlorophenol	360	U	360	69
92-52-4	Diphenyl	360	U	360	59
91-58-7	2-Chloronaphthalene	360	U	360	51
88-74-4	2-Nitroaniline	730	U	730	99
606-20-2	2,6-Dinitrotoluene	73	U	73	9.2
131-11-3	Dimethyl phthalate	360	U	360	49
208-96-8	Acenaphthylene	360	U	360	51
99-09-2	3-Nitroaniline	730	U	730	81
83-32-9	Acenaphthene	360	U	360	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15VD-E (3.5-4) | Lab Sample ID: 460-24277-18

Matrix: Solid | Lab File ID: p10106.d

Analysis Method: 8270C | Date Collected: 03/18/2011 10:25

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.03(g) | Date Analyzed: 03/30/2011 03:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	93
51-28-5	2,4-Dinitrophenol	1100	U	1100	76
132-64-9	Dibenzofuran	360	U	360	54
84-66-2	Diethyl phthalate	360	U	360	48
86-73-7	Fluorene	360	U	360	61
206-44-0	Fluoranthene	360	U	360	60
84-74-2	Di-n-butyl phthalate	360	U	360	55
121-14-2	2,4-Dinitrotoluene	73	U	73	11
7005-72-3	4-Chlorophenyl phenyl ether	360	U	360	62
100-01-6	4-Nitroaniline	730	U	730	74
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	360	U	360	64
1912-24-9	Atrazine	360	U	360	67
120-12-7	Anthracene	360	U	360	64
86-74-8	Carbazole	360	U	360	57
85-01-8	Phenanthrene	360	U	360	63
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	360	U	360	62
218-01-9	Chrysene	360	U	360	52
207-08-9	Benzo[k]fluoranthene	36	U	36	5.0
191-24-2	Benzo[g,h,i]perylene	360	U	360	38
205-99-2	Benzo[b]fluoranthene	36	U	36	5.4
50-32-8	Benzo[a]pyrene	36	U	36	4.4
56-55-3	Benzo[a]anthracene	36	U	36	6.7
86-30-6	N-Nitrosodiphenylamine	360	U	360	59
85-68-7	Butyl benzyl phthalate	360	U	360	42
117-81-7	Bis(2-ethylhexyl) phthalate	360	U	360	48
117-84-0	Di-n-octyl phthalate	360	U	360	43
193-39-5	Indeno[1,2,3-cd]pyrene	36	U	36	5.8
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.3
91-94-1	3,3'-Dichlorobenzidine	730	U	730	80
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U	360	48
58-90-2	2,3,4,6-Tetrachlorophenol	360	U	360	72

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15VD-E (3.5-4) | Lab Sample ID: 460-24277-18

Matrix: Solid | Lab File ID: p10106.d

Analysis Method: 8270C | Date Collected: 03/18/2011 10:25

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.03(g) | Date Analyzed: 03/30/2011 03:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	86		38-105
4165-62-2	Phenol-d5	81		41-118
1718-51-0	Terphenyl-d14	89		16-151
118-79-6	2,4,6-Tribromophenol	70		10-120
367-12-4	2-Fluorophenol	81		37-125
321-60-8	2-Fluorobiphenyl	83		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15VD-E (3.5-4) Lab Sample ID: 460-24277-18

Matrix: Solid Lab File ID: p10106.d

Analysis Method: 8270C Date Collected: 03/18/2011 10:25

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.03(g) Date Analyzed: 03/30/2011 03:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 8.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10106.d
Report Date: 30-Mar-2011 11:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10106.d
Lab Smp Id: 460-24277-F-18-A Client Smp ID: PMP-15VD-E (3.5-4)
Inj Date : 30-MAR-2011 03:23
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-18-A
Misc Info : 460-24277-F-18-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 36
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	8.33333	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.913	2.883	(0.680)	1080206	81.2427	5900
$ 17 Phenol-d5 (SUR)	99	3.917	3.923	(0.915)	1222918	80.9795	5900
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	420086	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.865)	606381	42.9993	3100
* 80 Naphthalene-d8	136	5.651	5.657	(1.000)	1455127	40.0000	
34 2-Methylnaphthalene	142	6.397	6.403	(1.132)	12655	0.52596	38(a)
120 1-Methylnaphthalene	142	6.497	6.503	(1.150)	7535	0.30900	22(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.779	6.785	(0.910)	980101	41.5033	3000
125 1,3-Dimethylnaphthalene	156	7.114	7.120	(0.955)	17705	1.04459	76(a)
* 82 Acenaphthene-d10	164	7.449	7.454	(1.000)	723428	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.236	8.242	(1.106)	171822	69.6301	5000
* 83 Phenanthrene-d10	188	8.912	8.917	(1.000)	825197	40.0000	
52 Phenanthrene	178	8.935	8.941	(1.003)	7111	0.29633	22(a)

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10106.d
Report Date: 30-Mar-2011 11:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	485895	44.4227	3200
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	497693	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	480365	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10106.d
Report Date: 30-Mar-2011 11:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10106.d
Lab Smp Id: 460-24277-F-18-A Client Smp ID: PMP-15VD-E (3.5-4)
Inj Date : 30-MAR-2011 03:23
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-18-A
Misc Info : 460-24277-F-18-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 36
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

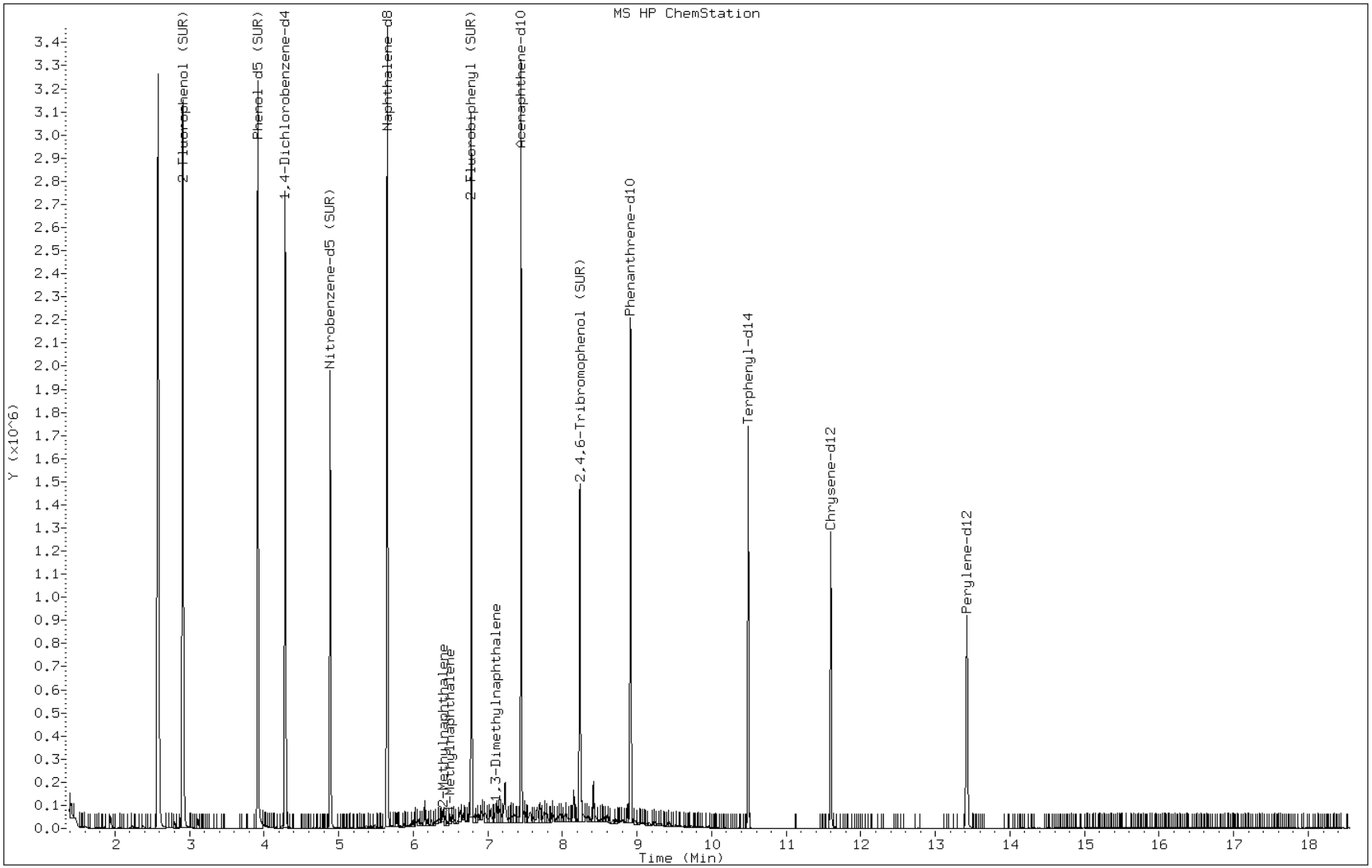
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10106.d

Date: 30-MAR-2011 03:23

Client ID: PMP-15VD-E (3.5-4) Instrument: BNAMS10.i

Sample Info: 460-24277-F-18-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-WT-E (7.5-8) | Lab Sample ID: 460-24277-19

Matrix: Solid | Lab File ID: p10123.d

Analysis Method: 8270C | Date Collected: 03/18/2011 10:30

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.04(g) | Date Analyzed: 03/30/2011 11:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: | Level: (low/med) Low

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1900	U	1900	230
95-57-8	2-Chlorophenol	1900	U	1900	250
95-48-7	2-Methylphenol	1900	U	1900	270
106-44-5	4-Methylphenol	1900	U	1900	310
100-52-7	Benzaldehyde	1900	U	1900	120
98-86-2	Acetophenone	1900	U	1900	280
111-44-4	Bis(2-chloroethyl)ether	190	U	190	39
108-60-1	2,2'-oxybis[1-chloropropane]	1900	U	1900	250
621-64-7	N-Nitrosodi-n-propylamine	190	U	190	25
98-95-3	Nitrobenzene	190	U	190	42
67-72-1	Hexachloroethane	190	U	190	32
78-59-1	Isophorone	1900	U	1900	210
88-75-5	2-Nitrophenol	1900	U	1900	310
105-67-9	2,4-Dimethylphenol	1900	U	1900	300
120-83-2	2,4-Dichlorophenol	1900	U	1900	300
111-91-1	Bis(2-chloroethoxy)methane	1900	U	1900	270
91-20-3	Naphthalene	1900	U	1900	270
106-47-8	4-Chloroaniline	1900	U	1900	240
87-68-3	Hexachlorobutadiene	380	U	380	76
105-60-2	Caprolactam	1900	U	1900	260
59-50-7	4-Chloro-3-methylphenol	1900	U	1900	310
91-57-6	2-Methylnaphthalene	1900	U	1900	270
118-74-1	Hexachlorobenzene	190	U	190	26
77-47-4	Hexachlorocyclopentadiene	1900	U	1900	550
88-06-2	2,4,6-Trichlorophenol	1900	U	1900	330
95-95-4	2,4,5-Trichlorophenol	1900	U	1900	360
92-52-4	Diphenyl	1900	U	1900	310
91-58-7	2-Chloronaphthalene	1900	U	1900	260
88-74-4	2-Nitroaniline	3800	U	3800	510
606-20-2	2,6-Dinitrotoluene	380	U	380	48
131-11-3	Dimethyl phthalate	1900	U	1900	250
208-96-8	Acenaphthylene	1900	U	1900	270
99-09-2	3-Nitroaniline	3800	U	3800	420
83-32-9	Acenaphthene	1900	U	1900	270

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-WT-E (7.5-8) | Lab Sample ID: 460-24277-19

Matrix: Solid | Lab File ID: p10123.d

Analysis Method: 8270C | Date Collected: 03/18/2011 10:30

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.04(g) | Date Analyzed: 03/30/2011 11:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: | Level: (low/med) Low

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5700	U	5700	480
51-28-5	2,4-Dinitrophenol	5700	U	5700	400
132-64-9	Dibenzofuran	1900	U	1900	280
84-66-2	Diethyl phthalate	1900	U	1900	250
86-73-7	Fluorene	1900	U	1900	320
206-44-0	Fluoranthene	1900	U	1900	310
84-74-2	Di-n-butyl phthalate	1900	U	1900	290
121-14-2	2,4-Dinitrotoluene	380	U	380	55
7005-72-3	4-Chlorophenyl phenyl ether	1900	U	1900	320
100-01-6	4-Nitroaniline	3800	U	3800	390
534-52-1	4,6-Dinitro-2-methylphenol	5700	U	5700	890
101-55-3	4-Bromophenyl phenyl ether	1900	U	1900	330
1912-24-9	Atrazine	1900	U	1900	350
120-12-7	Anthracene	1900	U	1900	330
86-74-8	Carbazole	1900	U	1900	300
85-01-8	Phenanthrene	1900	U	1900	330
87-86-5	Pentachlorophenol	5700	U	5700	910
129-00-0	Pyrene	820	J	1900	320
218-01-9	Chrysene	1900	U	1900	270
207-08-9	Benzo[k]fluoranthene	190	U	190	26
191-24-2	Benzo[g,h,i]perylene	1900	U	1900	200
205-99-2	Benzo[b]fluoranthene	190	U	190	28
50-32-8	Benzo[a]pyrene	190	U	190	23
56-55-3	Benzo[a]anthracene	190	U	190	35
86-30-6	N-Nitrosodiphenylamine	1900	U	1900	300
85-68-7	Butyl benzyl phthalate	1900	U	1900	220
117-81-7	Bis(2-ethylhexyl) phthalate	1900	U	1900	250
117-84-0	Di-n-octyl phthalate	1900	U	1900	220
193-39-5	Indeno[1,2,3-cd]pyrene	190	U	190	30
53-70-3	Dibenz(a,h)anthracene	190	U	190	23
91-94-1	3,3'-Dichlorobenzidine	3800	U	3800	410
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	250
58-90-2	2,3,4,6-Tetrachlorophenol	1900	U	1900	370

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-WT-E (7.5-8) | Lab Sample ID: 460-24277-19

Matrix: Solid | Lab File ID: p10123.d

Analysis Method: 8270C | Date Collected: 03/18/2011 10:30

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.04(g) | Date Analyzed: 03/30/2011 11:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: | Level: (low/med) Low

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	149	X	38-105
4165-62-2	Phenol-d5	91		41-118
1718-51-0	Terphenyl-d14	91		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	91		37-125
321-60-8	2-Fluorobiphenyl	107		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-WT-E (7.5-8) | Lab Sample ID: 460-24277-19

Matrix: Solid | Lab File ID: p10123.d

Analysis Method: 8270C | Date Collected: 03/18/2011 10:30

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.04(g) | Date Analyzed: 03/30/2011 11:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: | Level: (low/med) Low

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 612000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown-1	5.29	7000	J
	Unknown Alkane-1	5.72	14000	J
	Unknown Alkane-2	5.80	14000	J
	Unknown-2	5.89	6000	J
	Unknown Alkane-3	6.18	20000	J
	Unknown Alkane-4	6.36	35000	J
	Unknown-3	6.65	8400	J
	Unknown-4	6.88	5100	J
	Unknown Alkane-5	6.94	16000	J
	Unknown Alkane-6	7.26	15000	J
	Unknown Alkane-8	7.78	6500	J
	Unknown Alkane-9	7.97	17000	J
	Unknown Alkane-10	8.18	11000	J
	Unknown Alkane-11	8.45	140000	J
	Unknown Alkane-12	8.62	20000	J
593-45-3	n-Octadecane	8.88	140000	E
	Unknown Alkane-13	9.04	22000	J
	Unknown Alkane-14	9.29	58000	J
	Unknown Alkane-15	9.68	34000	J
	Unknown Alkane-16	10.06	23000	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10123.d
Report Date: 05-Apr-2011 17:35

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10123.d
Lab Smp Id: 460-24277-F-19-A Client Smp ID: PMP-15-WT-E (7.5-8)
Inj Date : 30-MAR-2011 11:01
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-19-A
Misc Info : 460-24277-F-19-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 53
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	11.80556	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.883	2.883	(0.672)	153455	18.1453	6800
$ 17 Phenol-d5 (SUR)	99	3.911	3.923	(0.912)	174399	18.1563	6800
* 79 1,4-Dichlorobenzene-d4	152	4.288	4.287	(1.000)	267198	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.893	4.899	(0.864)	128161	14.9263	5600(R)
30 1,2,4-Trichlorobenzene	180	5.610	5.604	(0.991)	102901	13.1768	5000
* 80 Naphthalene-d8	136	5.662	5.657	(1.000)	885973	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.796	6.785	(0.910)	126458	10.7087	4000
125 1,3-Dimethylnaphthalene	156	7.137	7.120	(0.955)	73512	8.67333	3300
* 82 Acenaphthene-d10	164	7.472	7.454	(1.000)	361756	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.259	8.242	(1.105)	17462	14.1511	5300
* 83 Phenanthrene-d10	188	8.935	8.917	(1.000)	633845	40.0000	(H)
115 n-Octadecane	57	8.876	8.847	(0.997)	3105393	383.298	140000(A)
57 Pyrene	202	10.333	10.328	(0.891)	42048	2.17552	820(a)

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10123.d
Report Date: 05-Apr-2011 17:35

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	106120	9.09048	3400
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	531172	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	463836	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10123.d
Report Date: 05-Apr-2011 17:35

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10123.d
Lab Smp Id: 460-24277-F-19-A Client Smp ID: PMP-15-WT-E (7.5-8)
Inj Date : 30-MAR-2011 11:01
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-19-A
Misc Info : 460-24277-F-19-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 53
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	11.80556	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.662	10023587	40.000
* 82 Acenaphthene-d10	7.472	20548073	40.000
* 83 Phenanthrene-d10	8.935	3955737	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-1				CAS #:			
5.286	4621693	18.4432700	7000	0	0		80

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10123.d
Report Date: 05-Apr-2011 17:35

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
5.715	9541234	38.0751292	14000	0		0	80
Unknown Alkane-2				CAS #:			
5.798	9610254	38.3505577	14000	0		0	80
Unknown-2				CAS #:			
5.892	4017462	16.0320341	6000	0		0	80
Unknown Alkane-3				CAS #:			
6.179	13260055	52.9154072	20000	0		0	80
Unknown Alkane-4				CAS #:			
6.356	22938872	91.5395713	34000	0		0	80
Unknown-3				CAS #:			
6.649	11424114	22.2388036	8400	0		0	82
Unknown-4				CAS #:			
6.879	6903440	13.4386117	5100	0		0	82
Unknown Alkane-5				CAS #:			
6.943	21926601	42.6835167	16000	0		0	82
Unknown-5				CAS #:			
7.120	3916744	7.62454776	2900	0		0	82
Unknown-6				CAS #:			
7.190	6308208	12.2799011	4600	0		0	82
Unknown Alkane-6				CAS #:			
7.261	20125200	39.1768106	15000	0		0	82
Unknown-7				CAS #:			
7.384	6306291	12.2761695	4600	0		0	82
Unknown Alkane-7				CAS #:			
7.689	5527474	10.7600817	4000	0		0	82
Trimethylnaphthalene isomer/Unknown				CAS #:			
7.725	6294445	12.2531097	4600	0		0	82
Unknown Alkane-8				CAS #:			
7.778	8892853	17.3113112	6500	0		0	82

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10123.d
Report Date: 05-Apr-2011 17:35

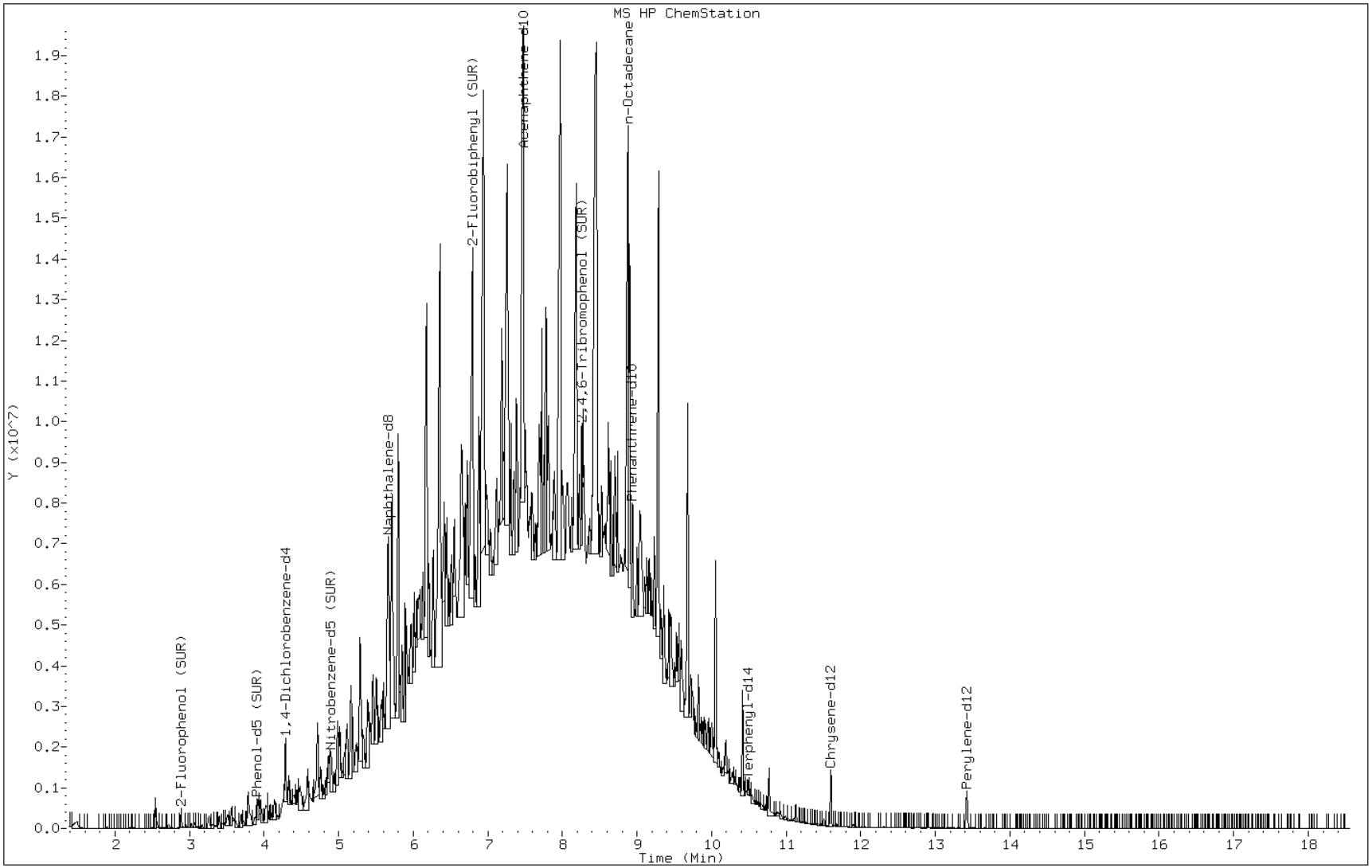
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-8				CAS #:			
7.813	5008603	9.75001922	3700	0		0	82
Unknown Alkane-9				CAS #:			
7.971	23337668	45.4303750	17000	0		0	82
Unknown-9				CAS #:			
7.995	4627395	9.00793991	3400	0		0	82
Unknown Alkane-10				CAS #:			
8.183	15522020	30.2160102	11000	0		0	82
Unknown Alkane-11				CAS #:			
8.453	35699323	360.987798	140000	0		0	83
Unknown Alkane-12				CAS #:			
8.618	5216781	52.7515381	20000	0		0	83
Unknown Alkane-13				CAS #:			
9.041	5855682	59.2120443	22000	0		0	83
Unknown Alkane-14				CAS #:			
9.288	15261870	154.326426	58000	0		0	83
Unknown Alkane-15				CAS #:			
9.681	8925115	90.2498274	34000	0		0	83
Unknown Alkane-16				CAS #:			
10.057	5959786	60.2647238	23000	0		0	83

Data File: p10123.d

Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4



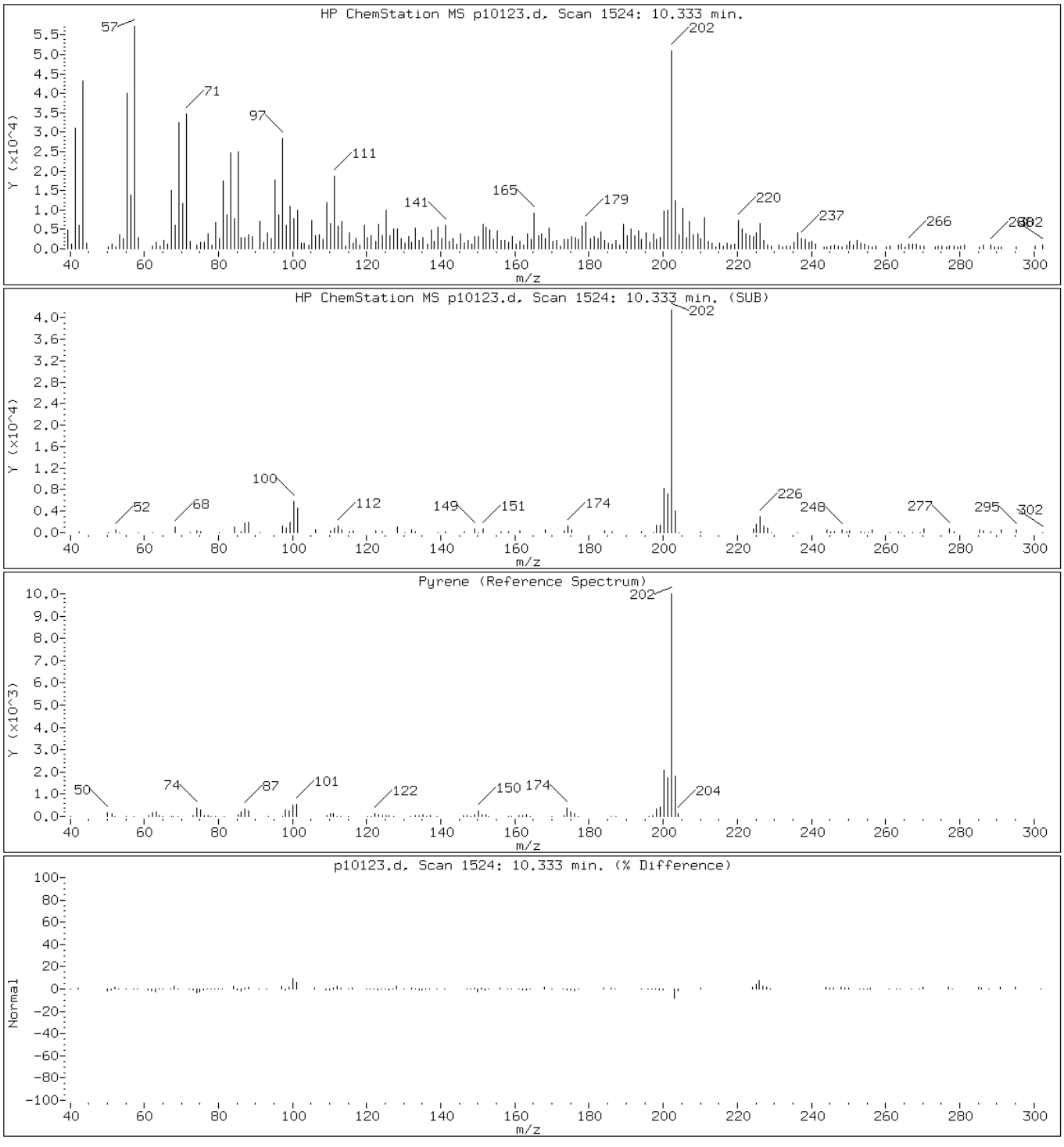
Data File: p10123.d

Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

57 Pyrene



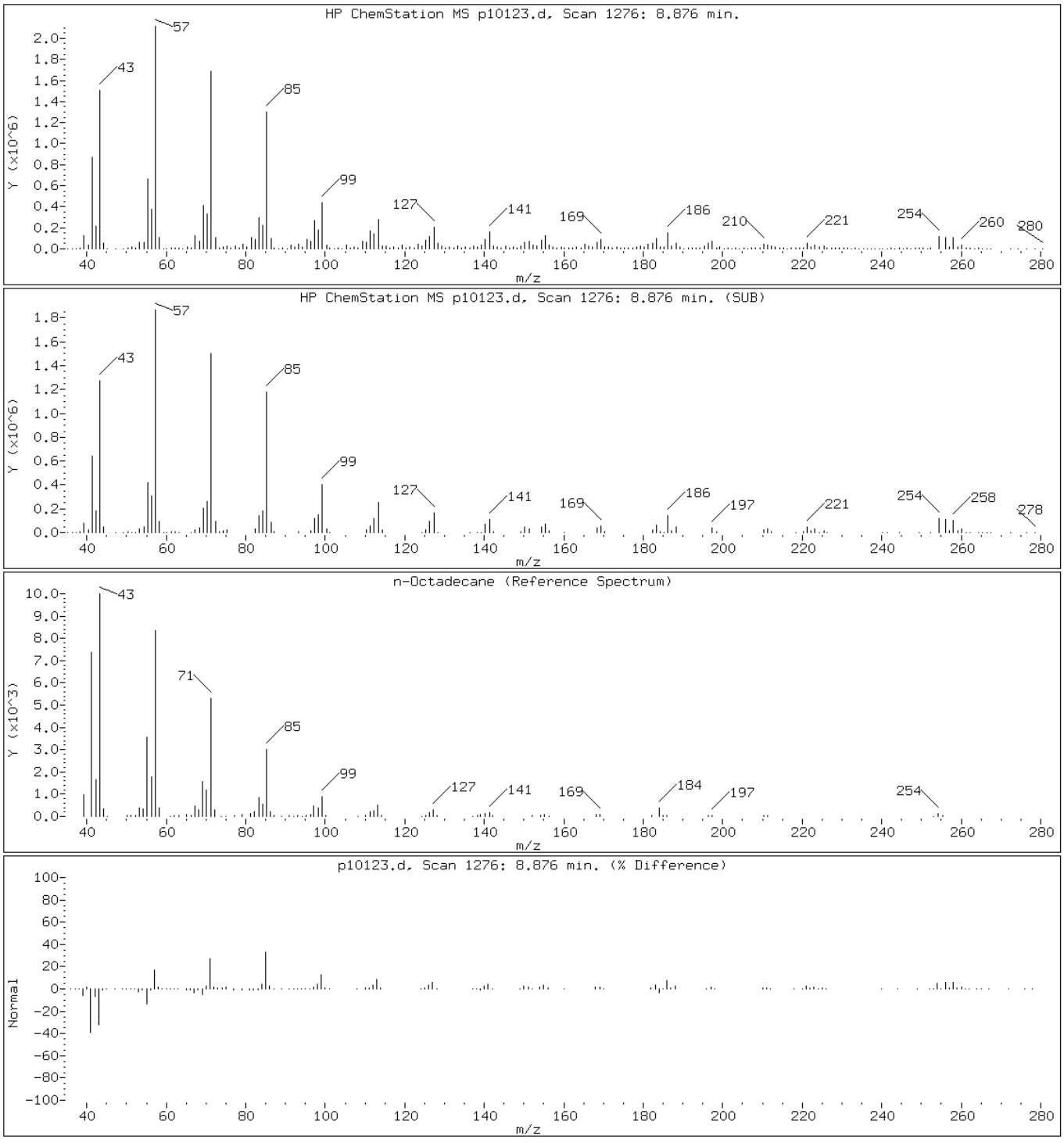
Data File: p10123.d

Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

115 n-Octadecane



Data File: p10123.d

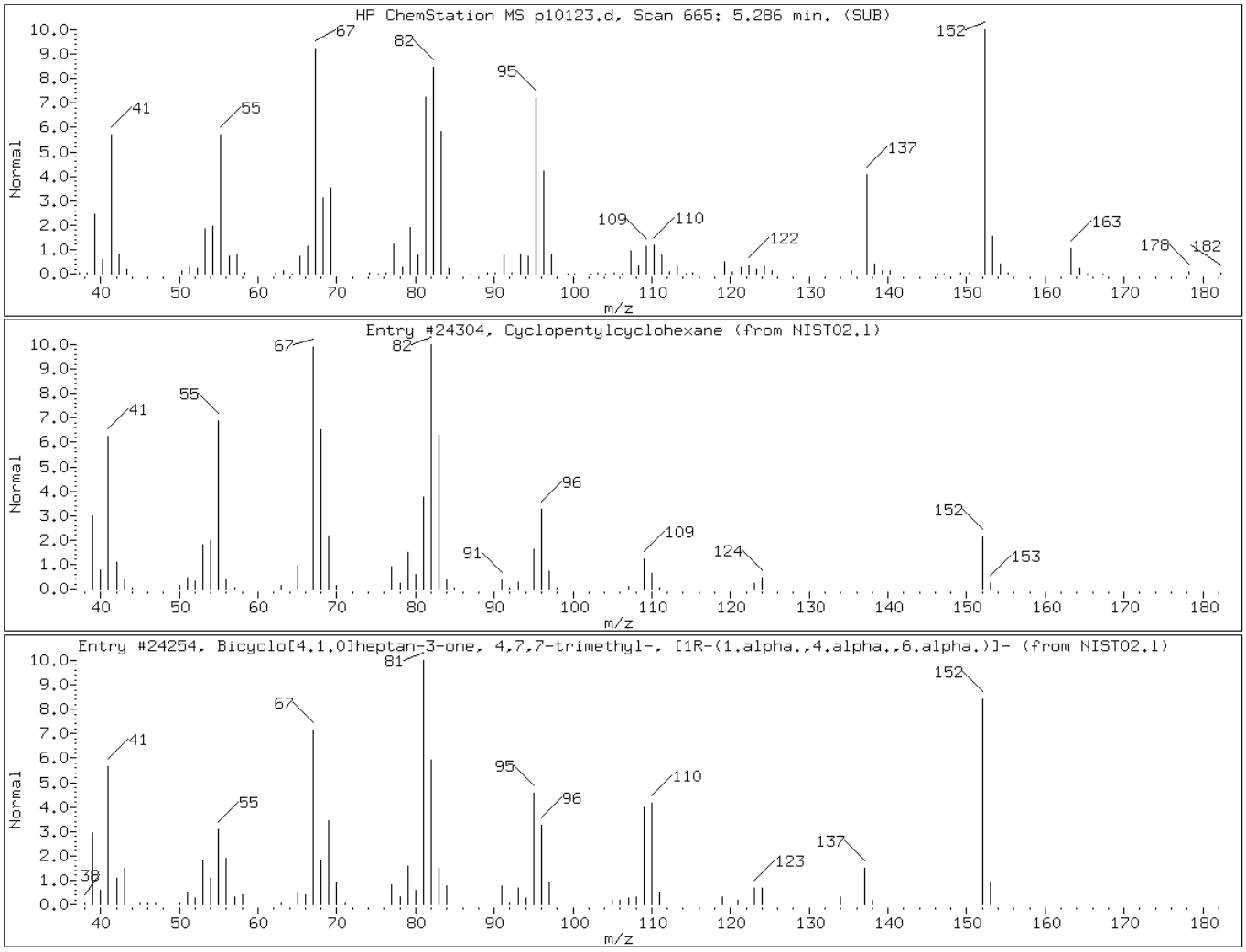
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 5.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Cyclopentylcyclohexane	1606-08-2	NIST02.l	24304	72	C11H20	152
Bicyclo[4.1.0]heptan-3-one, 4,7,7-	4176-04-9	NIST02.l	24254	72	C10H16O	152



Data File: p10123.d

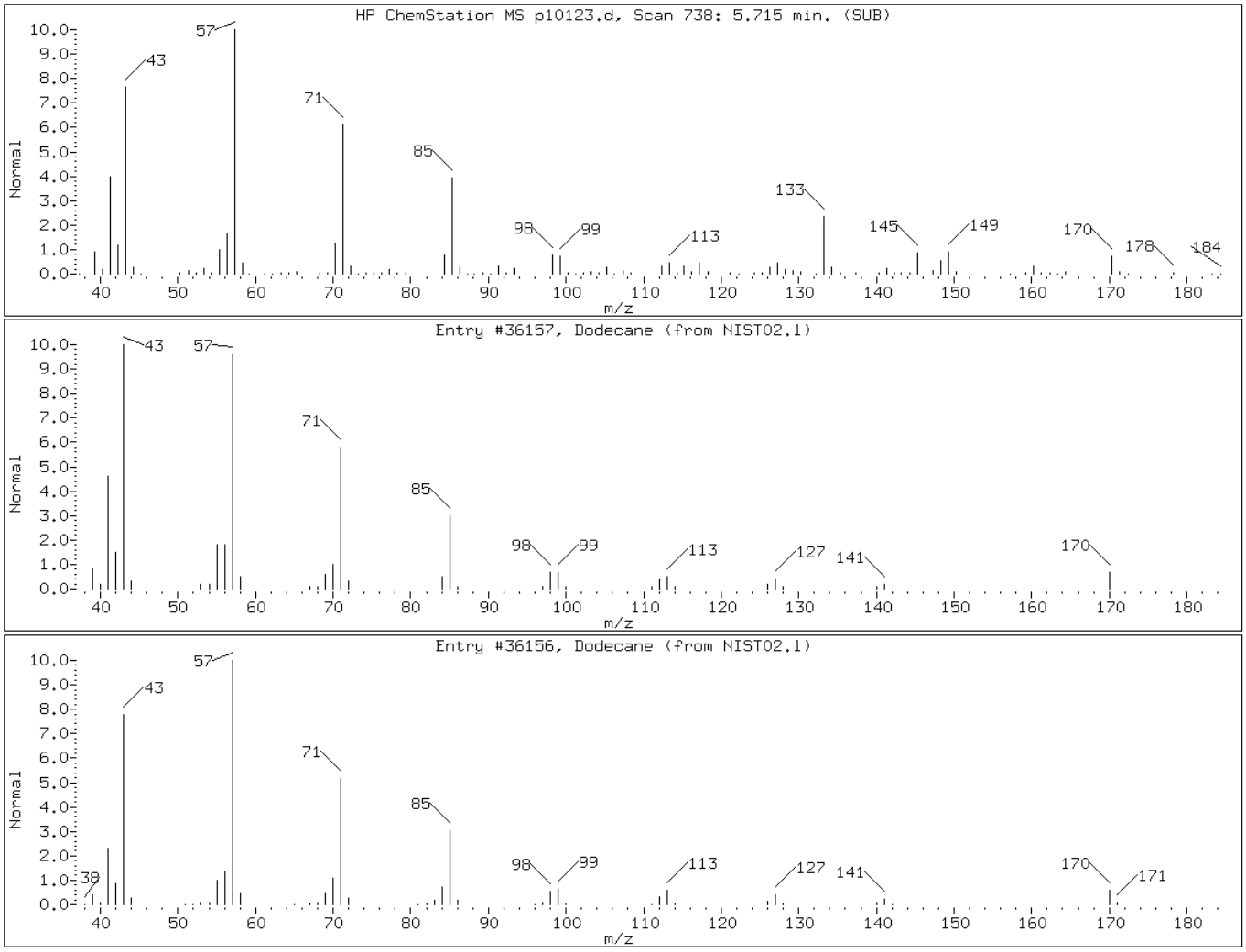
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 5.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane	112-40-3	NIST02.l	36157	91	C12H26	170
Dodecane	112-40-3	NIST02.l	36156	91	C12H26	170



Data File: p10123.d

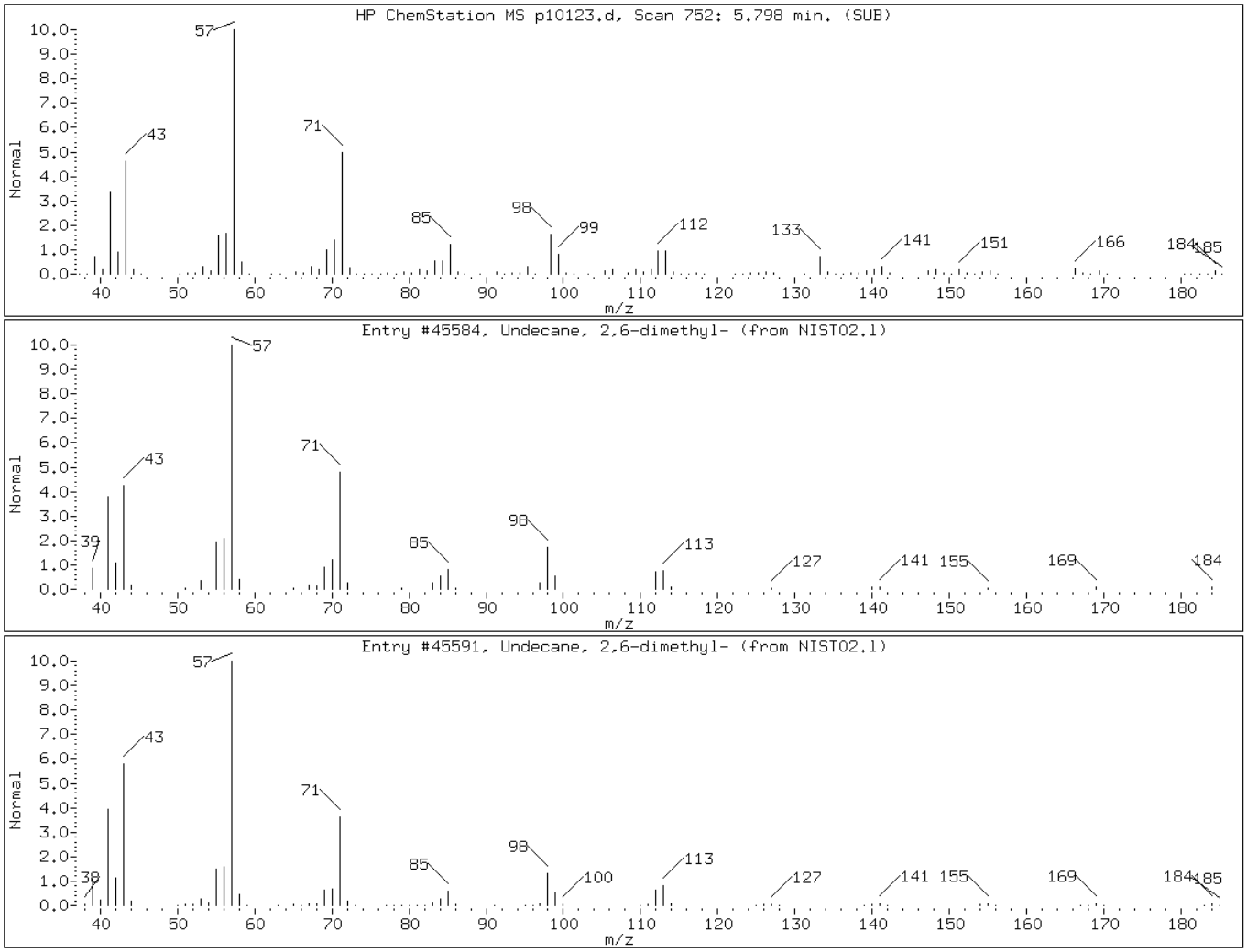
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 5.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	97	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	90	C13H28	184



Data File: p10123.d

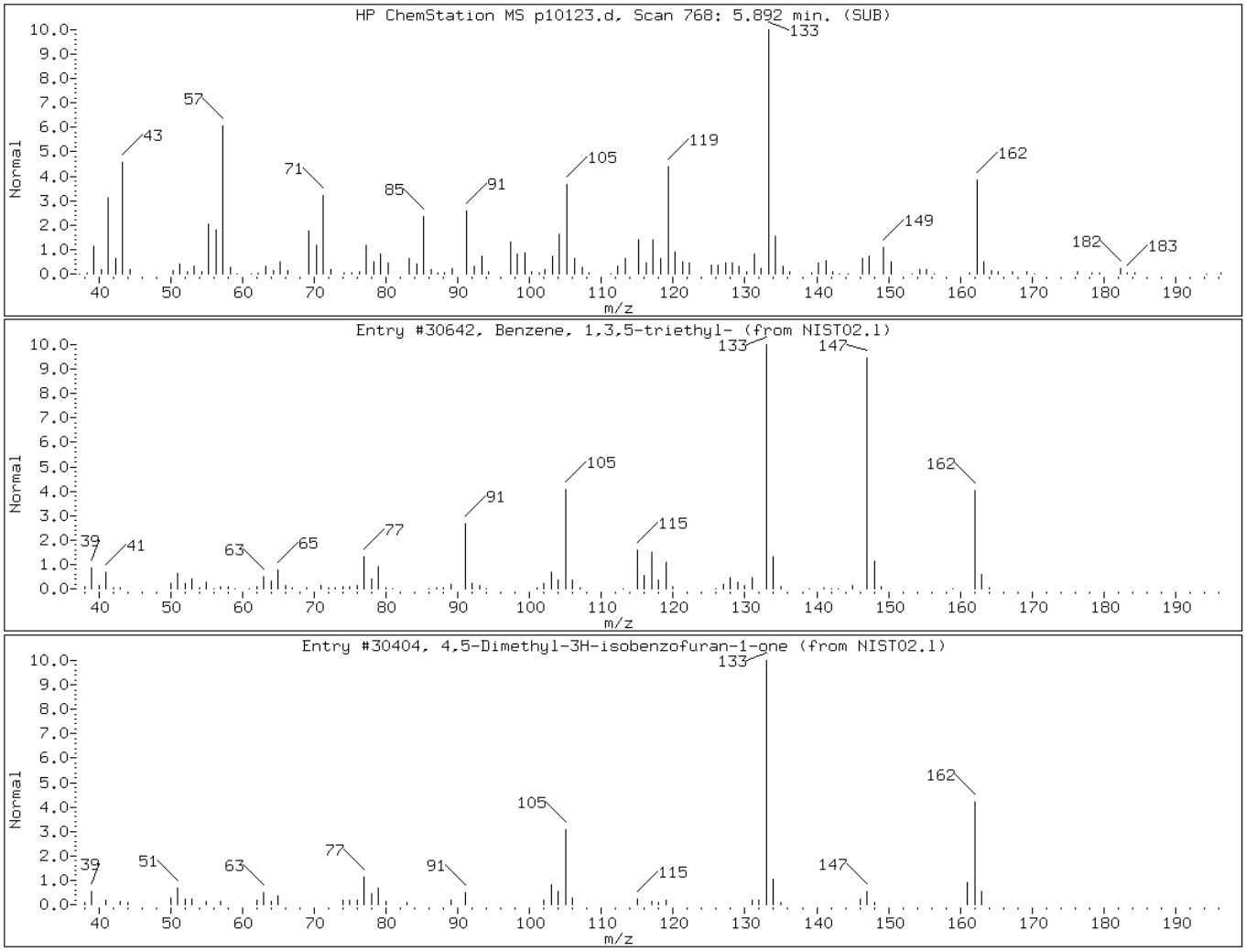
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 5.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Benzene, 1,3,5-triethyl-	102-25-0	NIST02.l	30642	64	C12H18	162
4,5-Dimethyl-3H-isobenzofuran-1-on	1000188-08-0	NIST02.l	30404	53	C10H10O2	162



Data File: p10123.d

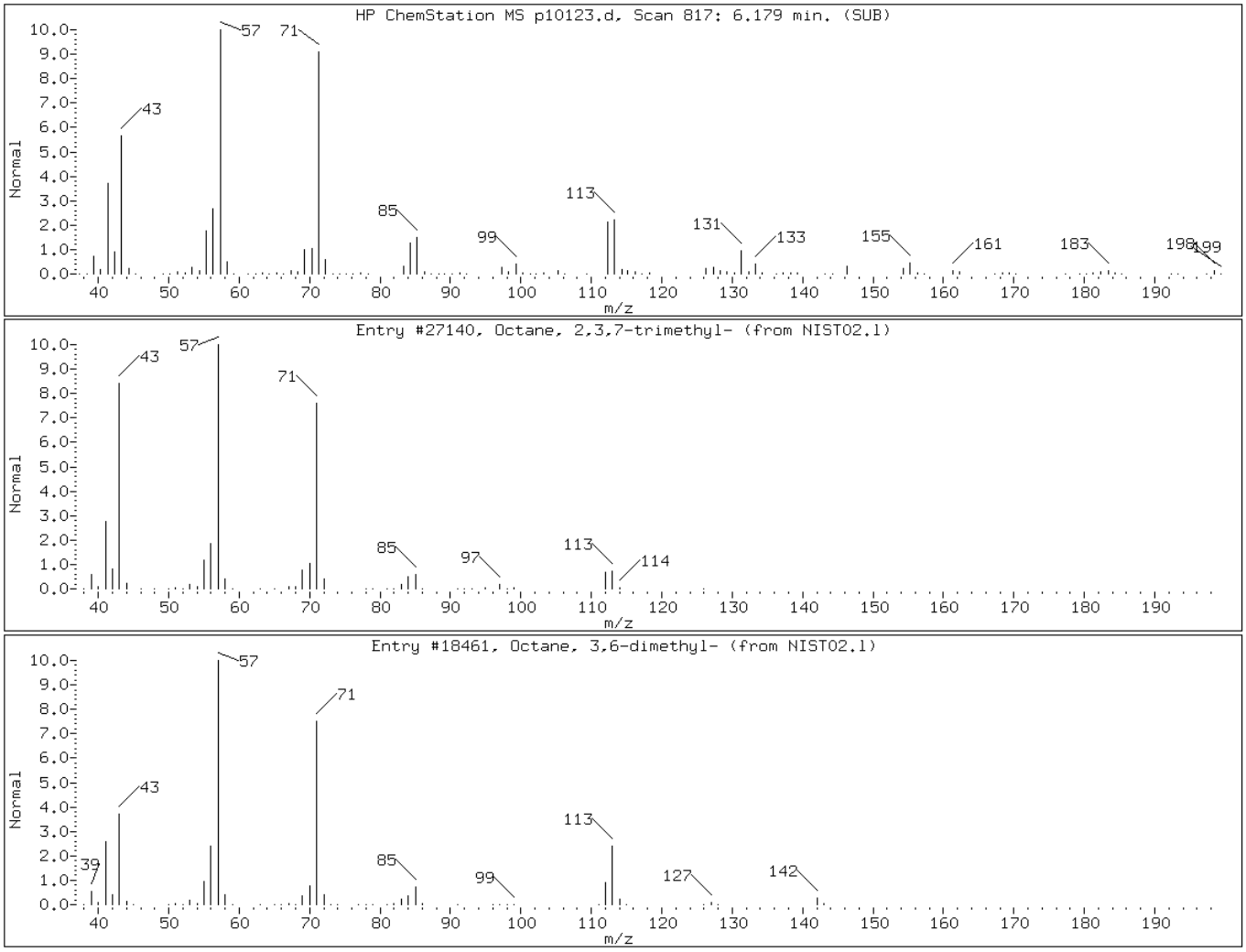
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 6.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Octane, 2,3,7-trimethyl-	62016-34-6	NIST02.l	27140	72	C11H24	156
Octane, 3,6-dimethyl-	15869-94-0	NIST02.l	18461	64	C10H22	142



Data File: p10123.d

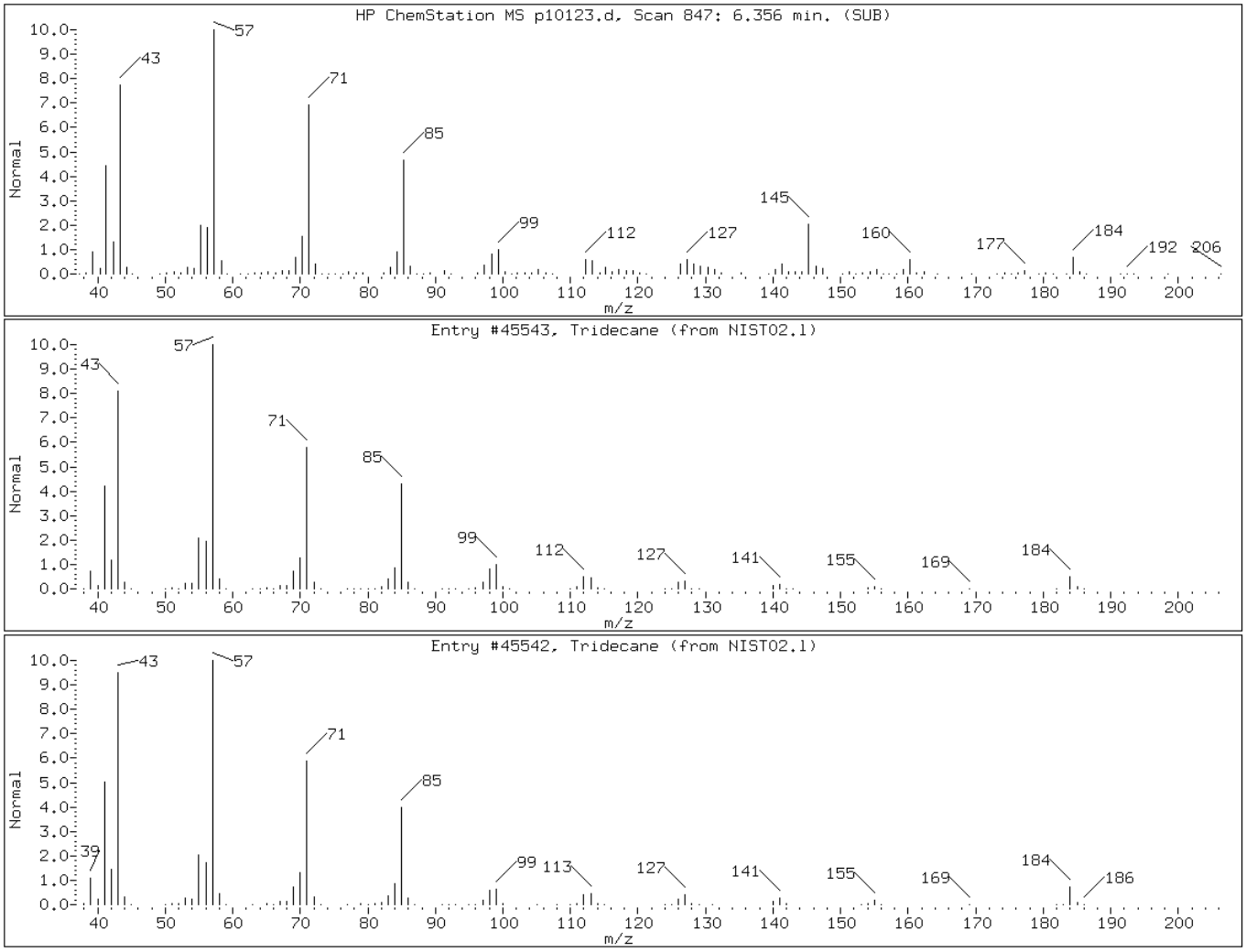
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 6.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane	629-50-5	NIST02.l	45543	98	C13H28	184
Tridecane	629-50-5	NIST02.l	45542	97	C13H28	184



Data File: p10123.d

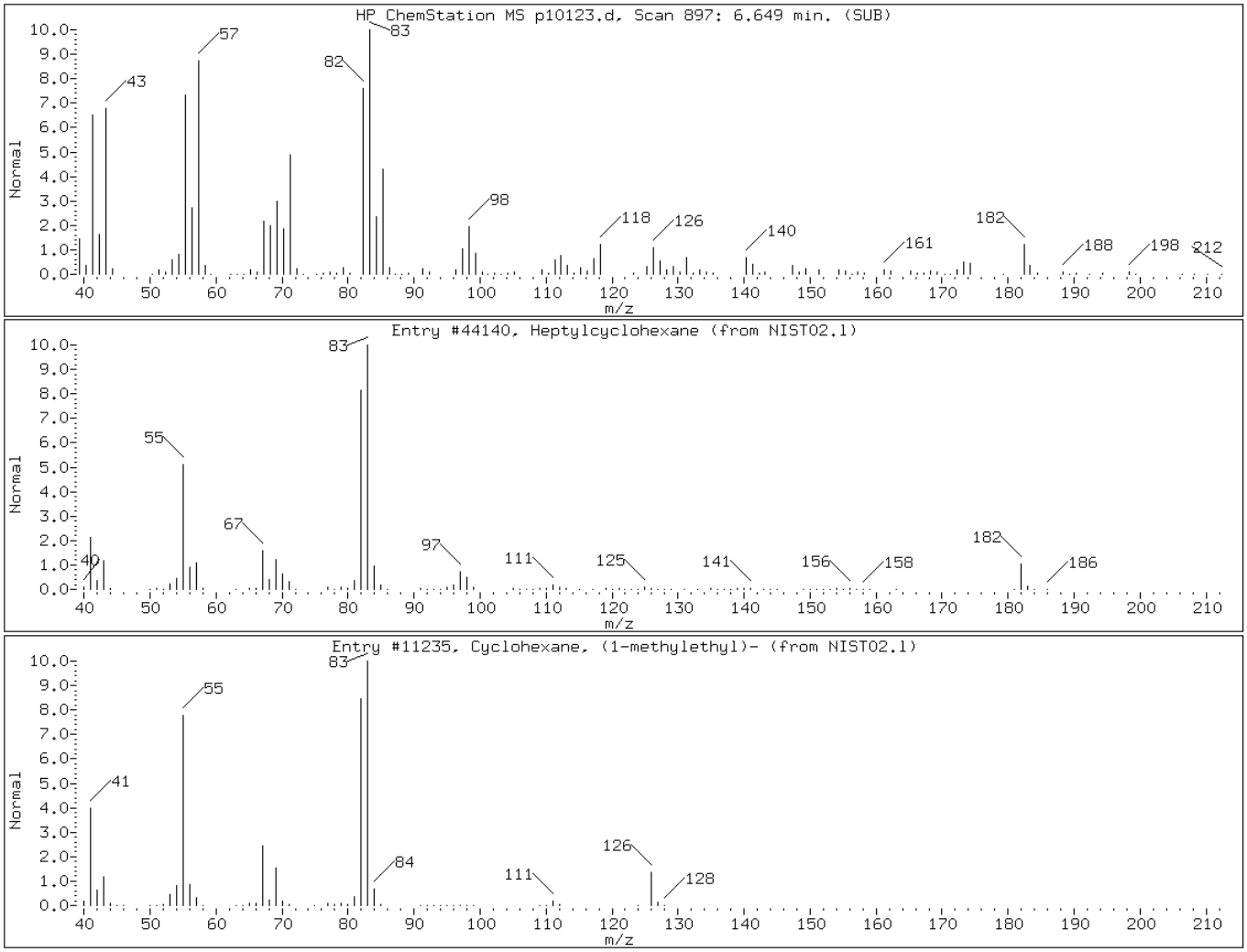
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 6.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Heptylcyclohexane	5617-41-4	NIST02.l	44140	47	C13H26	182
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11235	46	C9H18	126



Data File: p10123.d

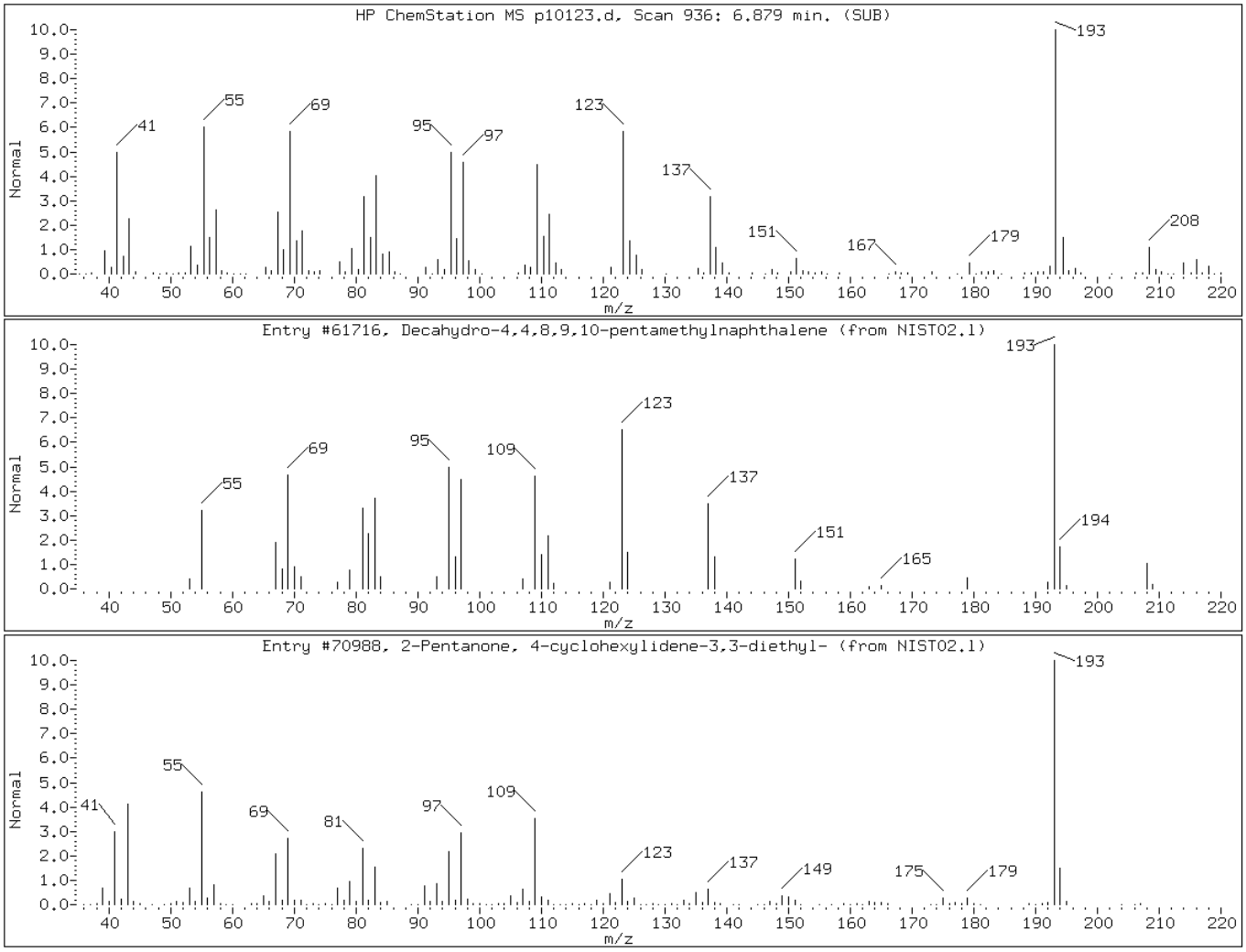
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 6.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	96	C15H28	208
2-Pentanone, 4-cyclohexylidene-3,3	313253-65-5	NIST02.l	70988	43	C15H26O	222



Data File: p10123.d

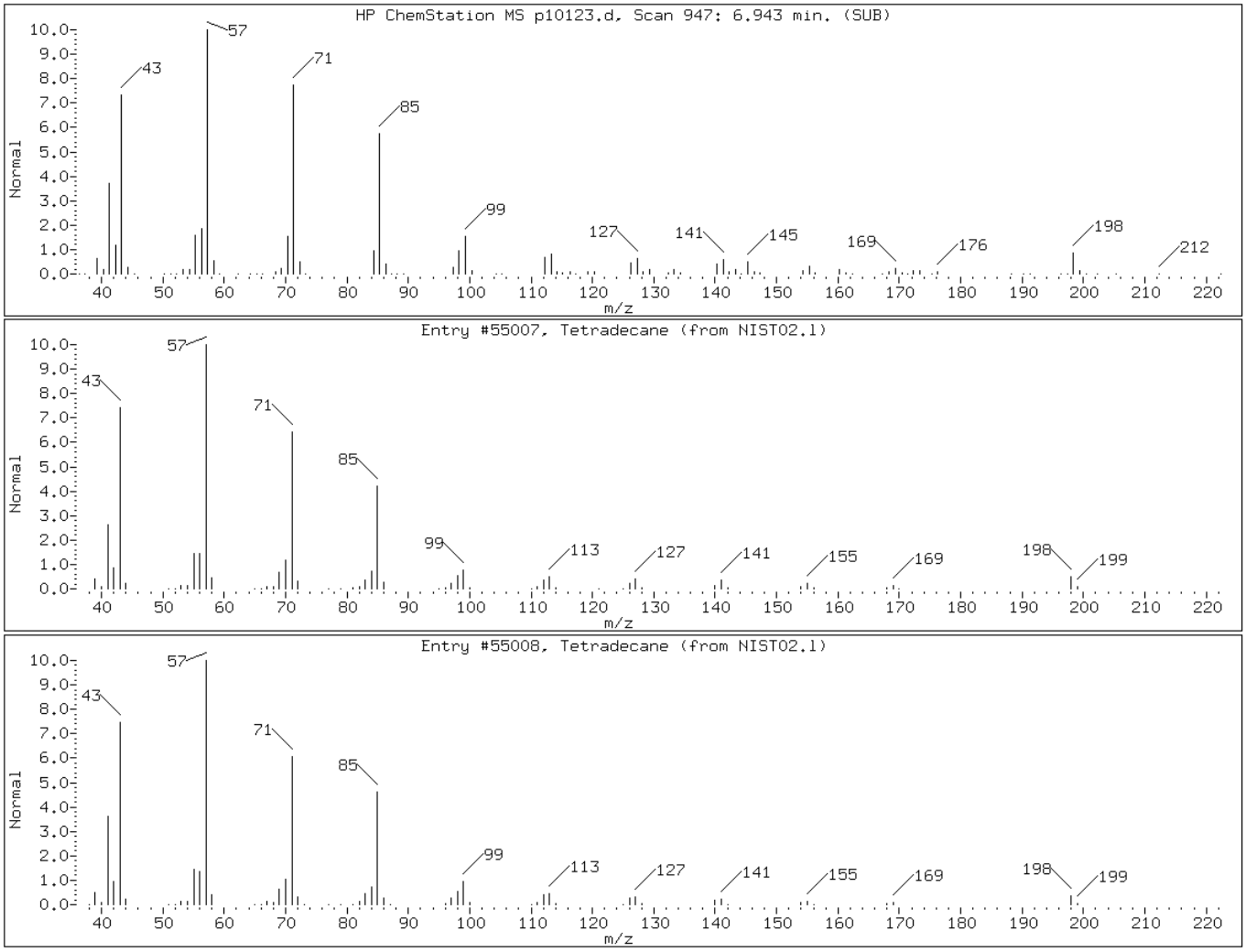
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 6.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tetradecane	629-59-4	NIST02.l	55007	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55008	97	C14H30	198



Data File: p10123.d

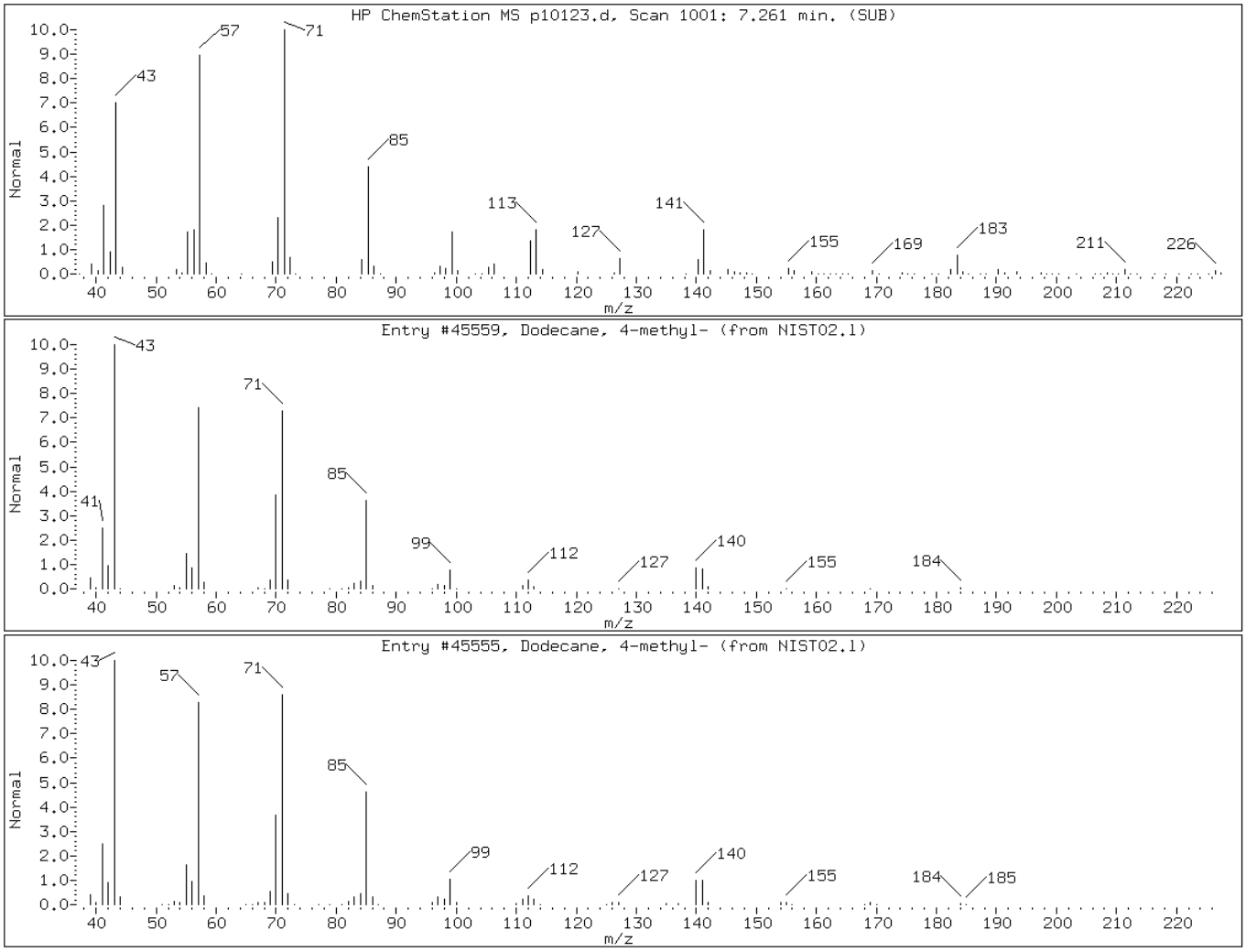
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 7.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45559	72	C13H28	184
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	72	C13H28	184



Data File: p10123.d

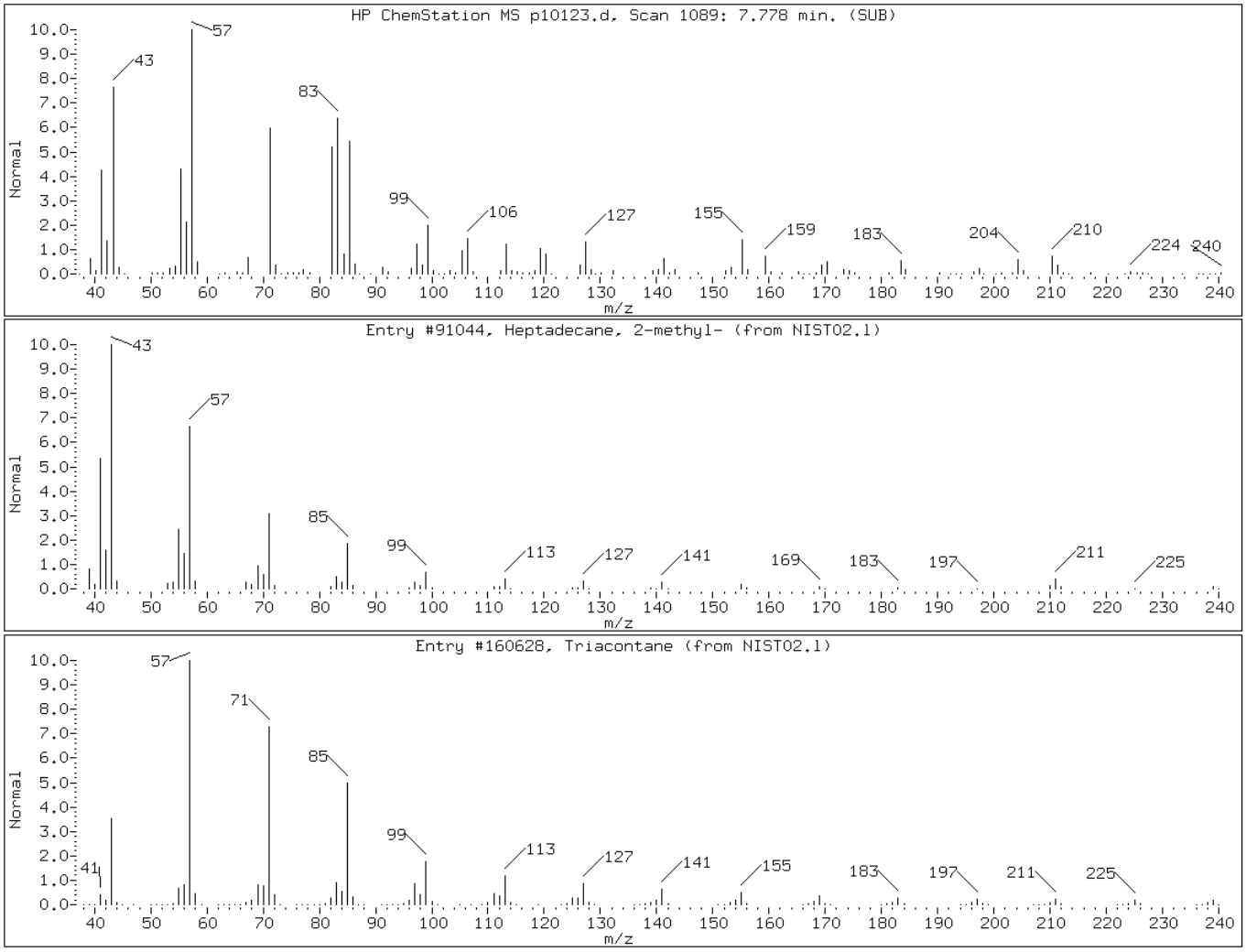
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 7.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Heptadecane, 2-methyl-	1560-89-0	NIST02.l	91044	46	C18H38	254
Triacontane	638-68-6	NIST02.l	160628	43	C30H62	422



Data File: p10123.d

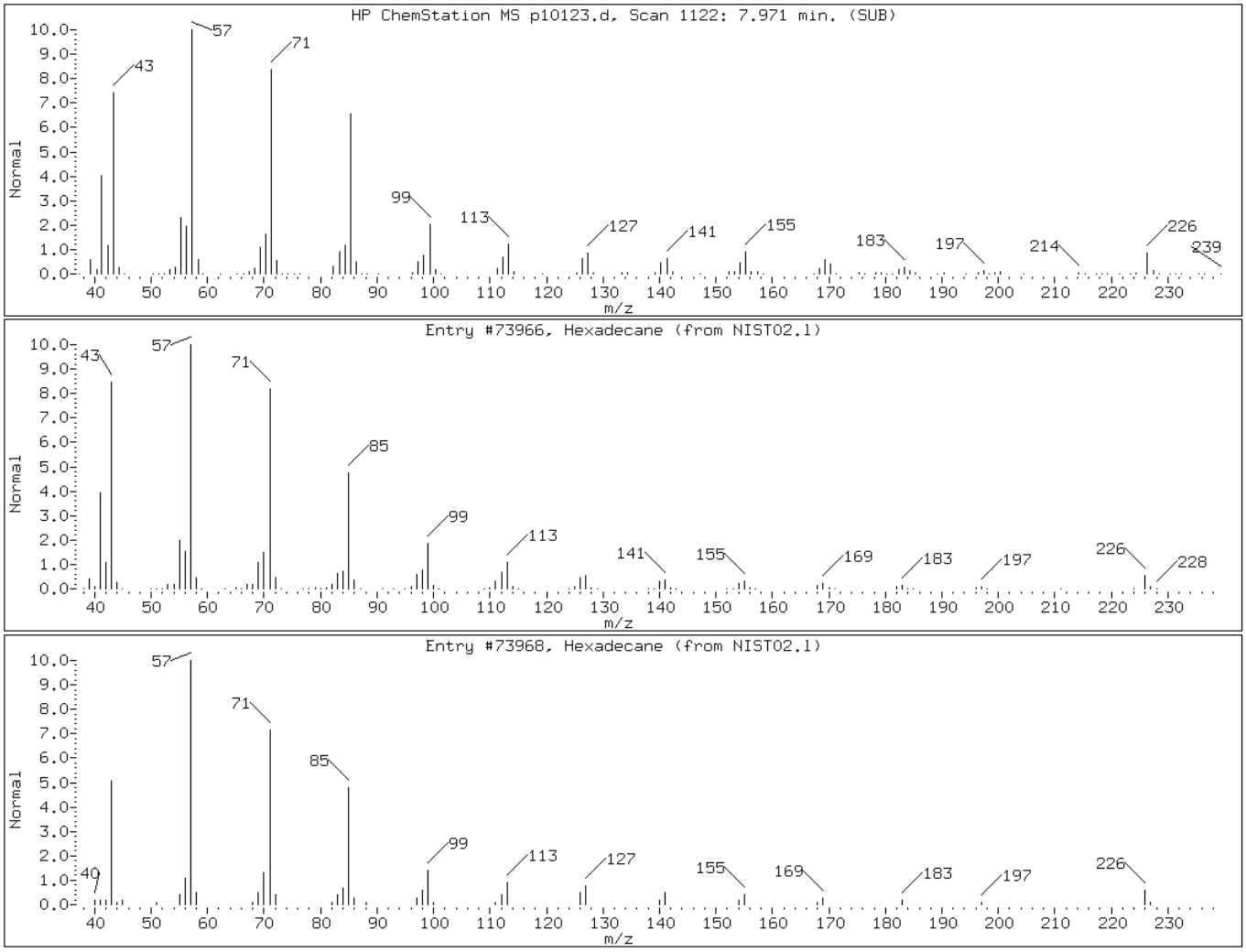
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 7.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane	544-76-3	NIST02.l	73966	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73968	97	C16H34	226



Data File: p10123.d

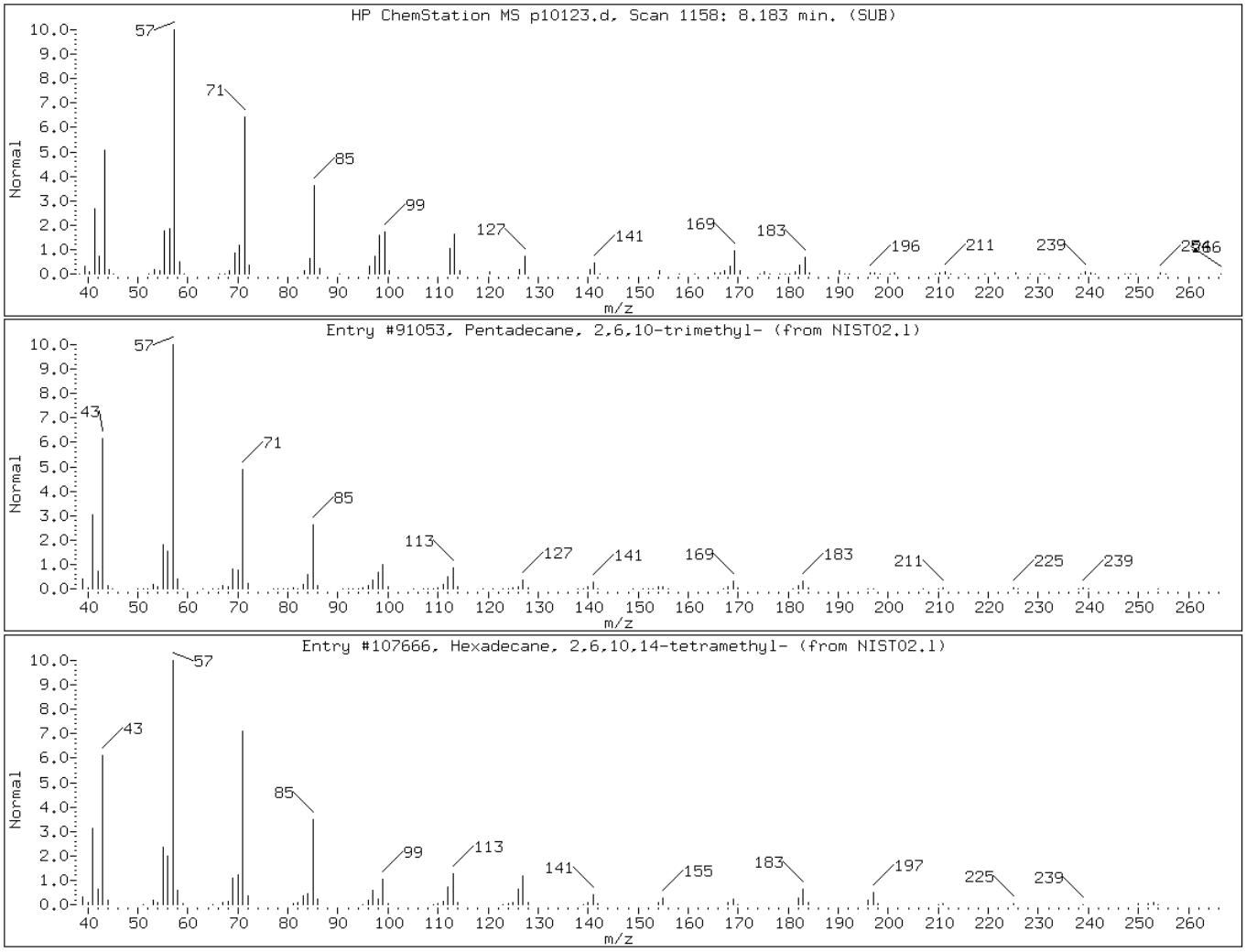
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 8.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	86	C18H38	254
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	80	C20H42	282



Data File: p10123.d

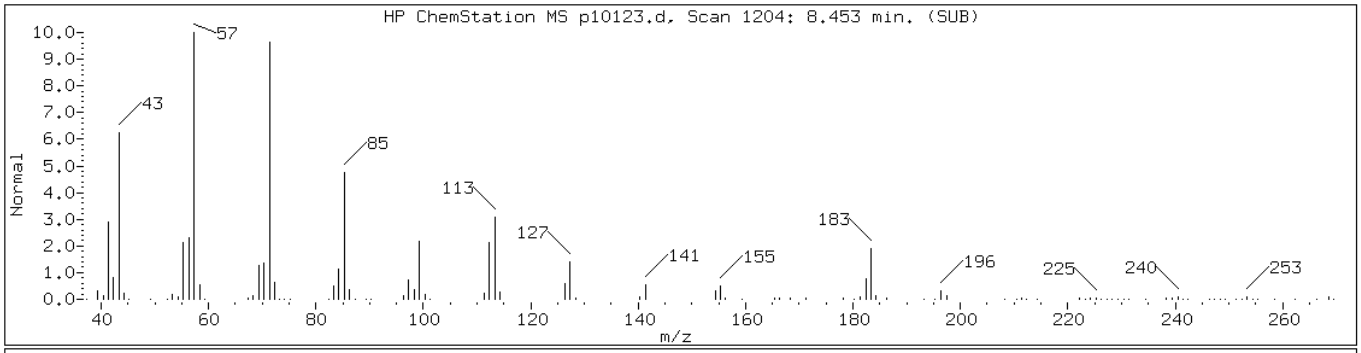
Date: 30-MAR-2011 11:01

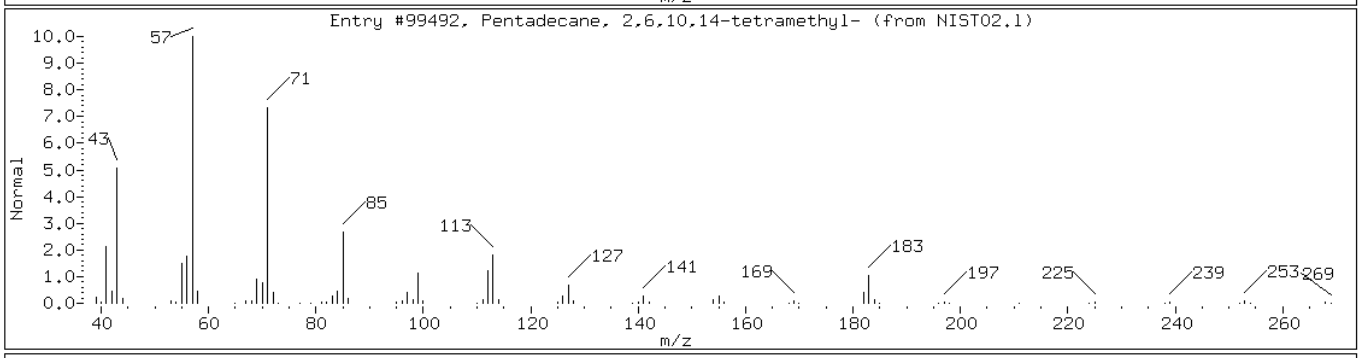
Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

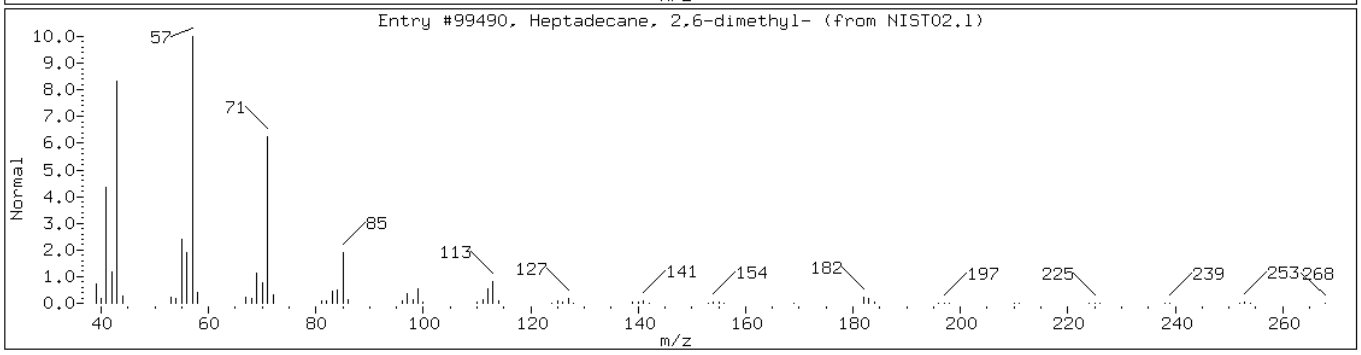
Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 8.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	94	C19H40	268
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	91	C19H40	268







Data File: p10123.d

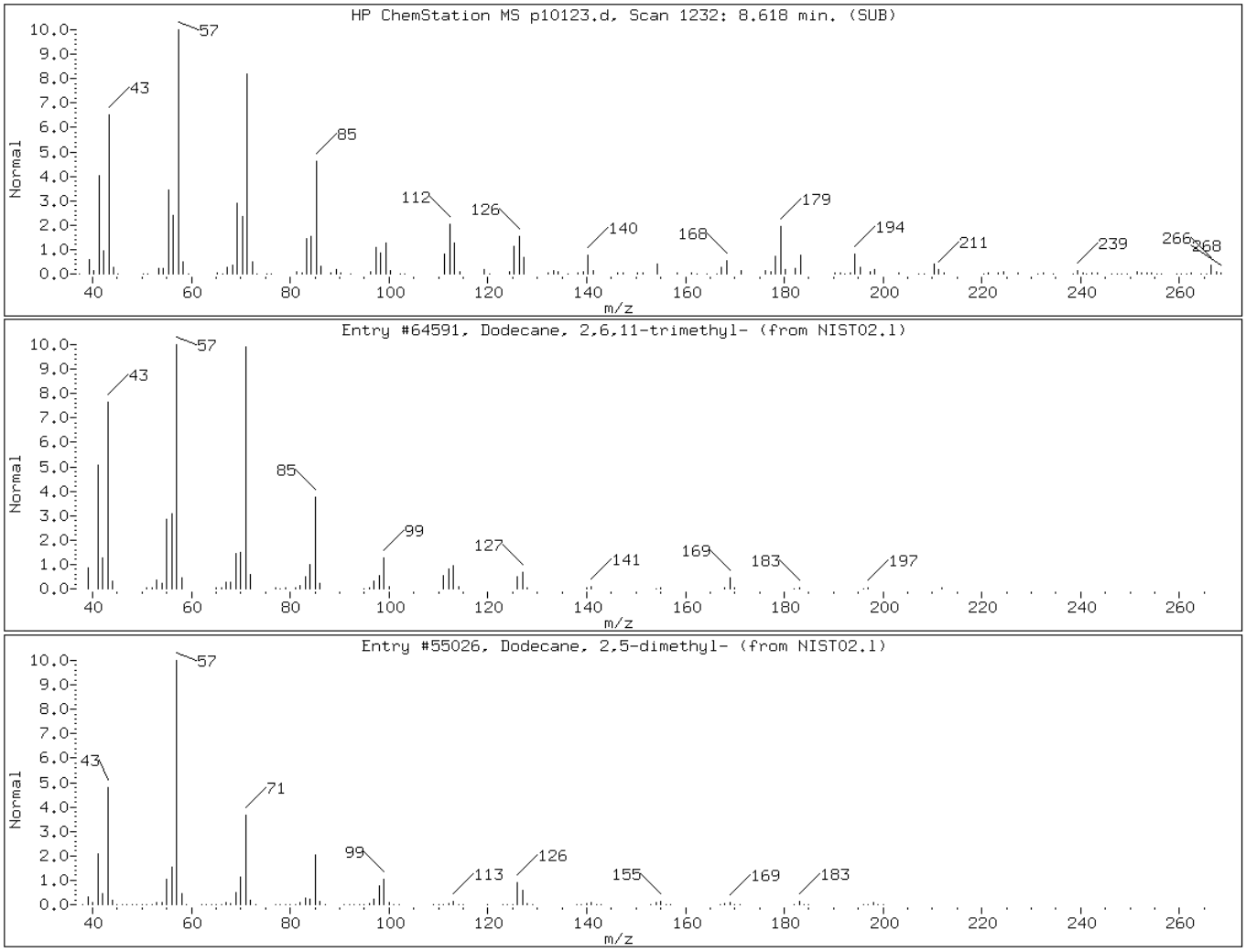
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 8.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	55	C15H32	212
Dodecane, 2,5-dimethyl-	56292-65-0	NIST02.l	55026	52	C14H30	198



Data File: p10123.d

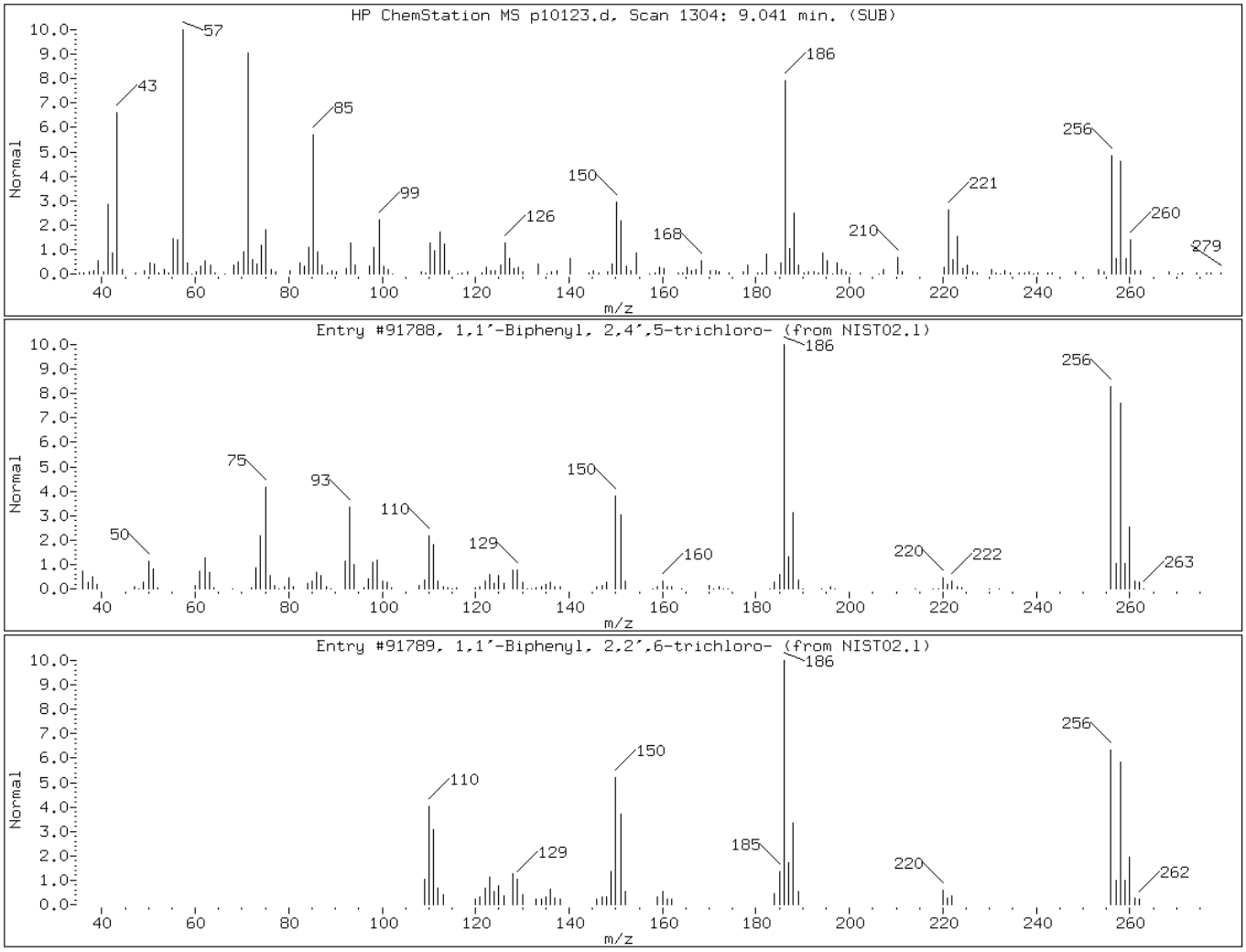
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 9.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	90	C12H7Cl3	256
1,1'-Biphenyl, 2,2',6-trichloro-	38444-73-4	NIST02.l	91789	90	C12H7Cl3	256



Data File: p10123.d

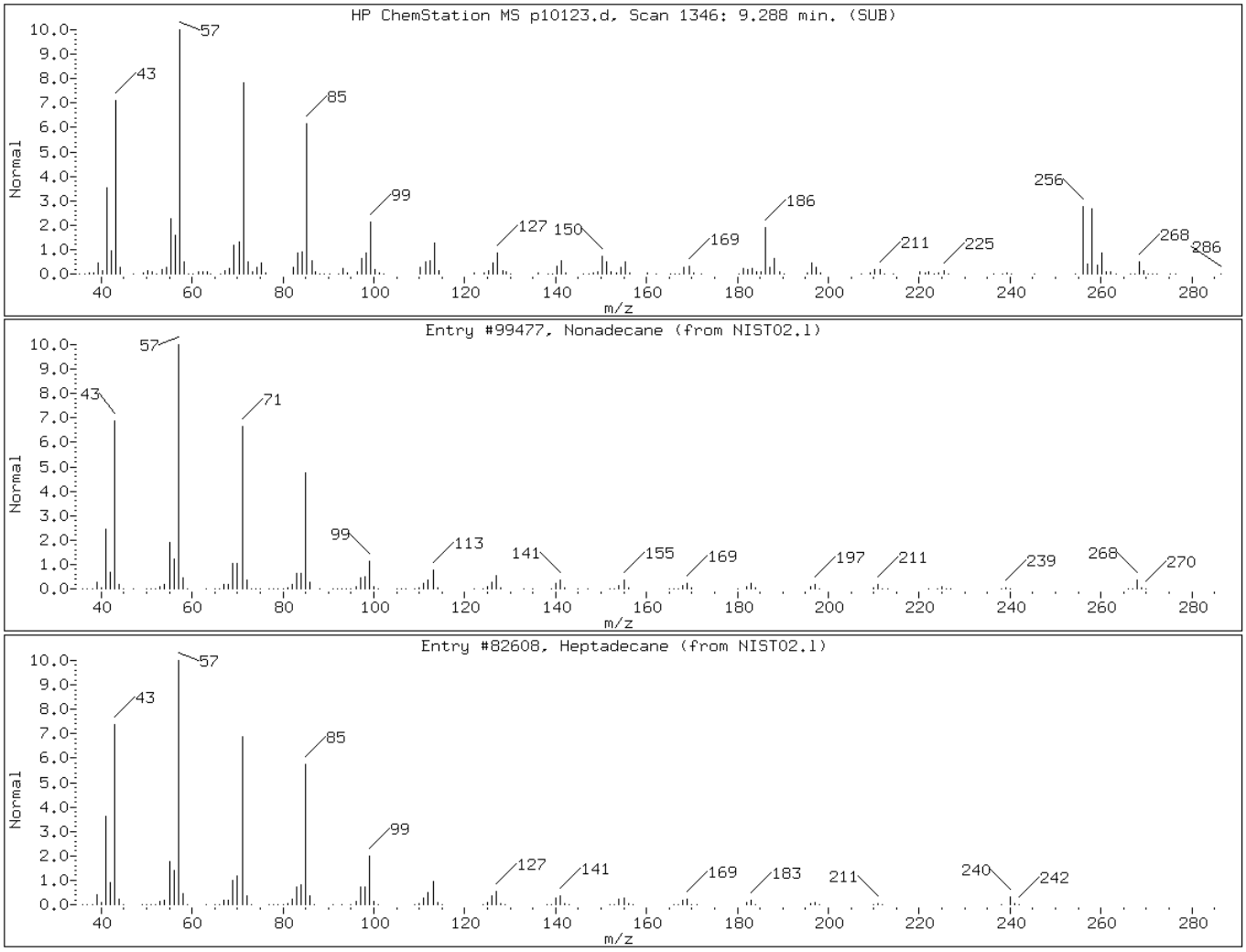
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 9.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Nonadecane	629-92-5	NIST02.l	99477	98	C19H40	268
Heptadecane	629-78-7	NIST02.l	82608	64	C17H36	240



Data File: p10123.d

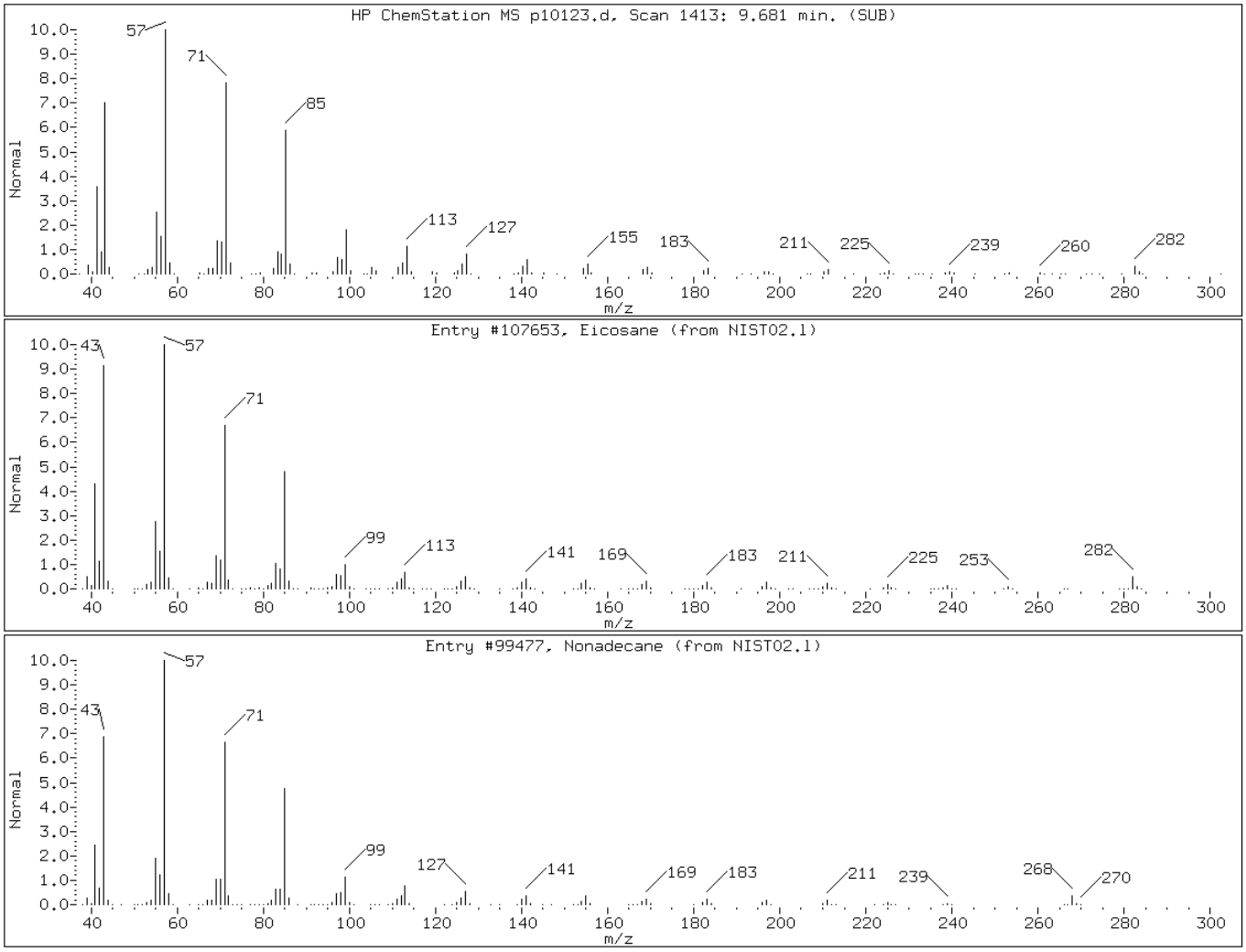
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 9.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Eicosane	112-95-8	NIST02.l	107653	98	C20H42	282
Nonadecane	629-92-5	NIST02.l	99477	96	C19H40	268



Data File: p10123.d

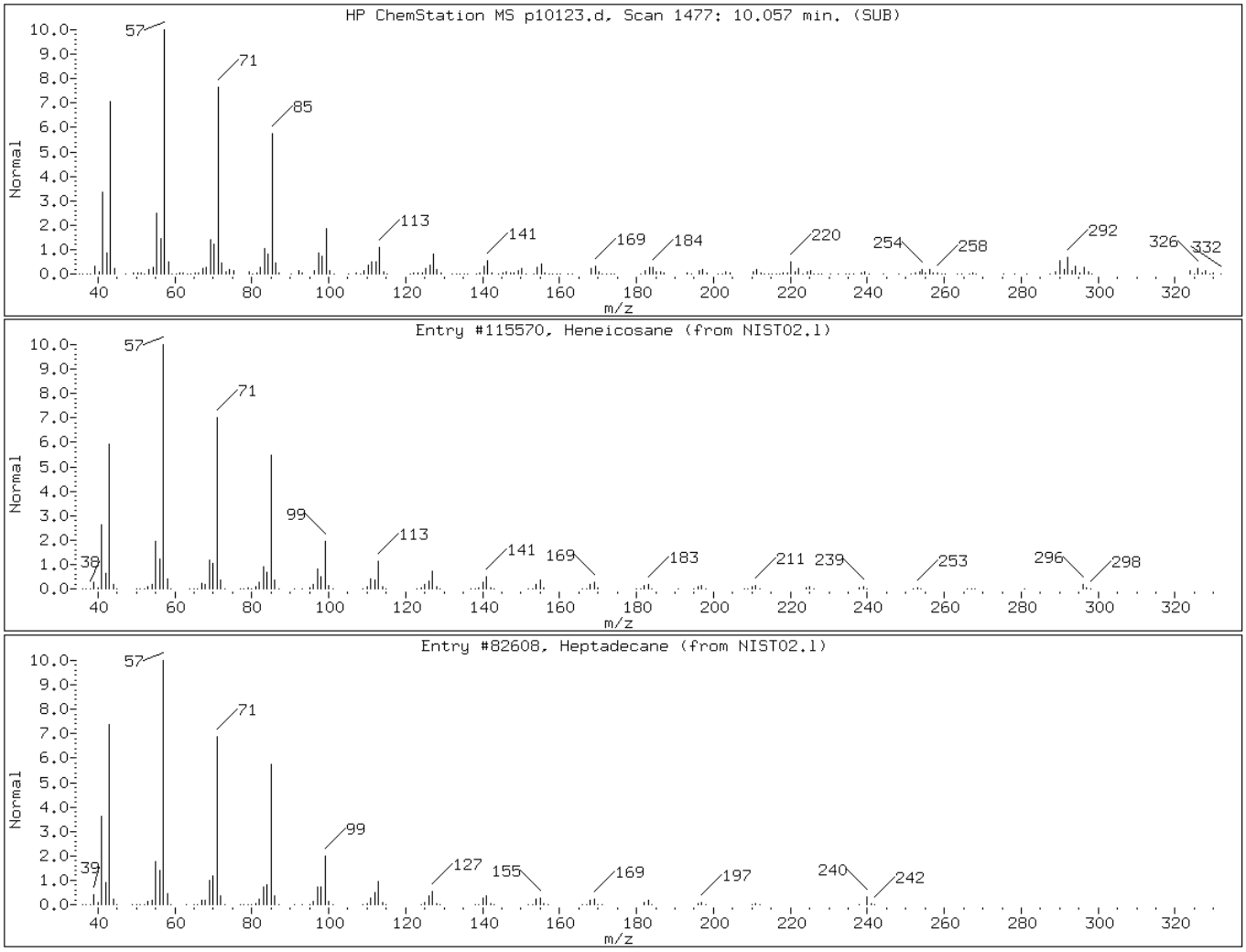
Date: 30-MAR-2011 11:01

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAMS10.i

Sample Info: 460-24277-F-19-A Operator: BNAMS 4

Retention Time: 10.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Heneicosane	629-94-7	NIST02.l	115570	99	C21H44	296
Heptadecane	629-78-7	NIST02.l	82608	96	C17H36	240



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SI-E (15.5-16) | Lab Sample ID: 460-24277-20

Matrix: Solid | Lab File ID: p10107.d

Analysis Method: 8270C | Date Collected: 03/18/2011 10:35

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.03(g) | Date Analyzed: 03/30/2011 03:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	47
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
106-44-5	4-Methylphenol	380	U	380	63
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	57
111-44-4	Bis(2-chloroethyl)ether	38	U	38	8.0
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.5
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	44
88-75-5	2-Nitrophenol	380	U	380	63
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	55
91-20-3	Naphthalene	380	U	380	56
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	77	U	77	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	380	U	380	56
118-74-1	Hexachlorobenzene	38	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	74
92-52-4	Diphenyl	380	U	380	63
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	770	U	770	100
606-20-2	2,6-Dinitrotoluene	77	U	77	9.7
131-11-3	Dimethyl phthalate	380	U	380	52
208-96-8	Acenaphthylene	380	U	380	55
99-09-2	3-Nitroaniline	770	U	770	86
83-32-9	Acenaphthene	380	U	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SI-E (15.5-16) | Lab Sample ID: 460-24277-20

Matrix: Solid | Lab File ID: p10107.d

Analysis Method: 8270C | Date Collected: 03/18/2011 10:35

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.03(g) | Date Analyzed: 03/30/2011 03:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	98
51-28-5	2,4-Dinitrophenol	1200	U	1200	81
132-64-9	Dibenzofuran	380	U	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	65
206-44-0	Fluoranthene	380	U	380	64
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	77	U	77	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	66
100-01-6	4-Nitroaniline	770	U	770	79
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
1912-24-9	Atrazine	380	U	380	71
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	61
85-01-8	Phenanthrene	380	U	380	67
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	380	U	380	66
218-01-9	Chrysene	380	U	380	56
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.7
50-32-8	Benzo[a]pyrene	38	U	38	4.7
56-55-3	Benzo[a]anthracene	38	U	38	7.1
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
85-68-7	Butyl benzyl phthalate	380	U	380	45
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	51
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
91-94-1	3,3'-Dichlorobenzidine	770	U	770	85
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SI-E (15.5-16) Lab Sample ID: 460-24277-20

Matrix: Solid Lab File ID: p10107.d

Analysis Method: 8270C Date Collected: 03/18/2011 10:35

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.03(g) Date Analyzed: 03/30/2011 03:50

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	68		10-120
367-12-4	2-Fluorophenol	81		37-125
321-60-8	2-Fluorobiphenyl	83		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SI-E (15.5-16) | Lab Sample ID: 460-24277-20

Matrix: Solid | Lab File ID: p10107.d

Analysis Method: 8270C | Date Collected: 03/18/2011 10:35

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.03(g) | Date Analyzed: 03/30/2011 03:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 4 | TIC Result Total: 1830

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	7.94	380	J
	Unknown Alkane-2	8.40	670	J
	Unknown	8.42	430	J
593-45-3	n-Octadecane	8.84	350	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10107.d
Report Date: 30-Mar-2011 12:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10107.d
Lab Smp Id: 460-24277-F-20-A Client Smp ID: PMP-15-SI-E (15.5-1
Inj Date : 30-MAR-2011 03:50
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-20-A
Misc Info : 460-24277-F-20-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 37
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	13.57649	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.913	2.883	(0.680)	1070810	80.9380	6200
$ 17 Phenol-d5 (SUR)	99	3.917	3.923	(0.915)	1204520	80.1593	6200
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	418000	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.865)	597897	42.6157	3300
* 80 Naphthalene-d8	136	5.651	5.657	(1.000)	1447682	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.779	6.785	(0.910)	965317	41.4368	3200
* 82 Acenaphthene-d10	164	7.449	7.454	(1.000)	713658	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.236	8.242	(1.106)	166305	68.3170	5200
* 83 Phenanthrene-d10	188	8.912	8.917	(1.000)	808932	40.0000	
115 n-Octadecane	57	8.841	8.847	(0.992)	46924	4.53822	350(a)
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	468771	43.7950	3400
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	487036	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	479768	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10107.d
Report Date: 30-Mar-2011 12:19

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10107.d
Report Date: 30-Mar-2011 12:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10107.d
Lab Smp Id: 460-24277-F-20-A Client Smp ID: PMP-15-SI-E (15.5-1
Inj Date : 30-MAR-2011 03:50
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-20-A
Misc Info : 460-24277-F-20-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 37
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	13.57649	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 82 Acenaphthene-d10	7.449	3255130	40.000
* 83 Phenanthrene-d10	8.912	2183144	40.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
7.936	397257	4.88160700	380	0		0	82

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10107.d
Report Date: 30-Mar-2011 12:19

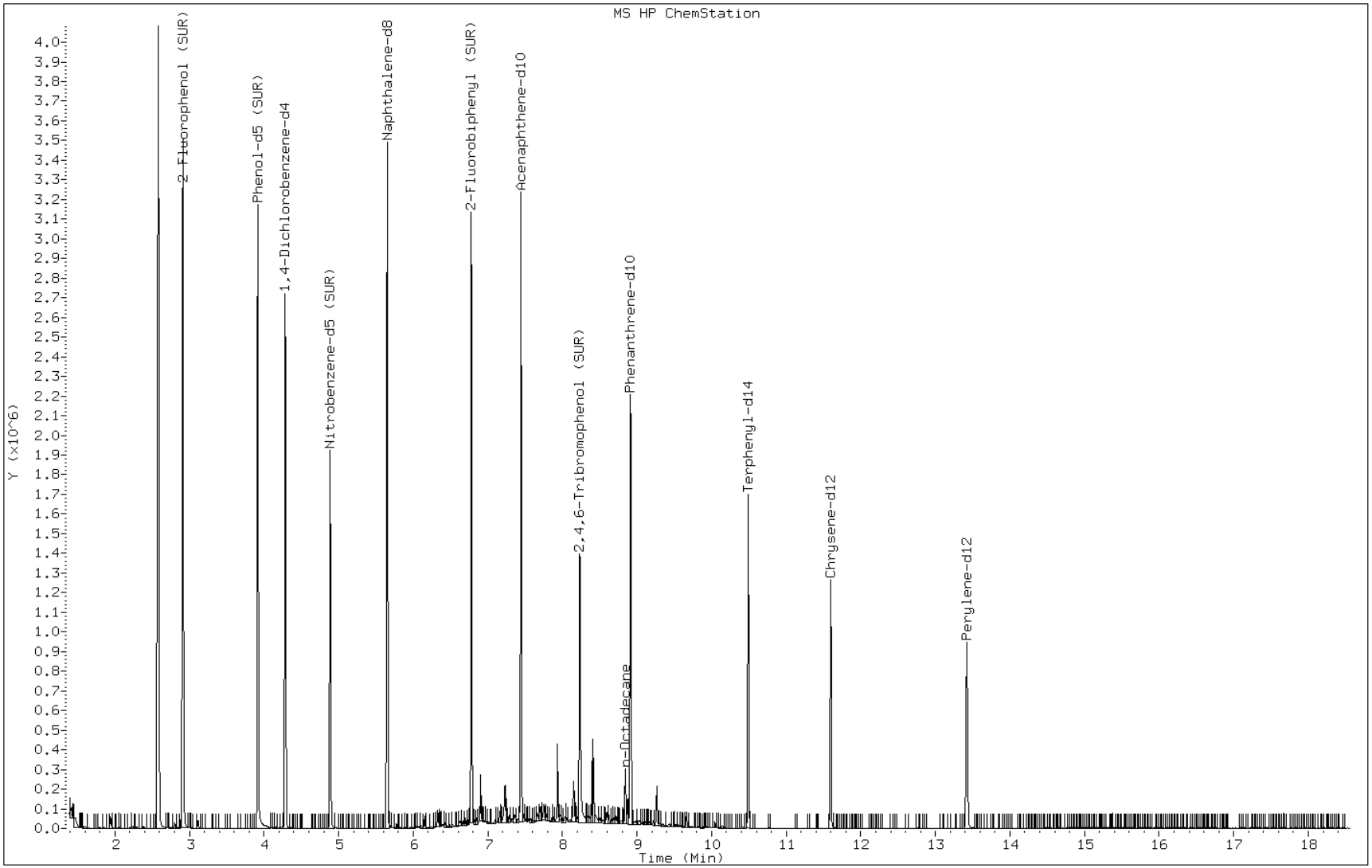
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2					CAS #:		
8.400	477024	8.74013425	670	0		0	83
Unknown					CAS #:		
8.418	306557	5.61679349	430	0		0	83

Data File: p10107.d

Date: 30-MAR-2011 03:50

Client ID: PMP-15-SI-E (15.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-20-A Operator: BNAMS 4



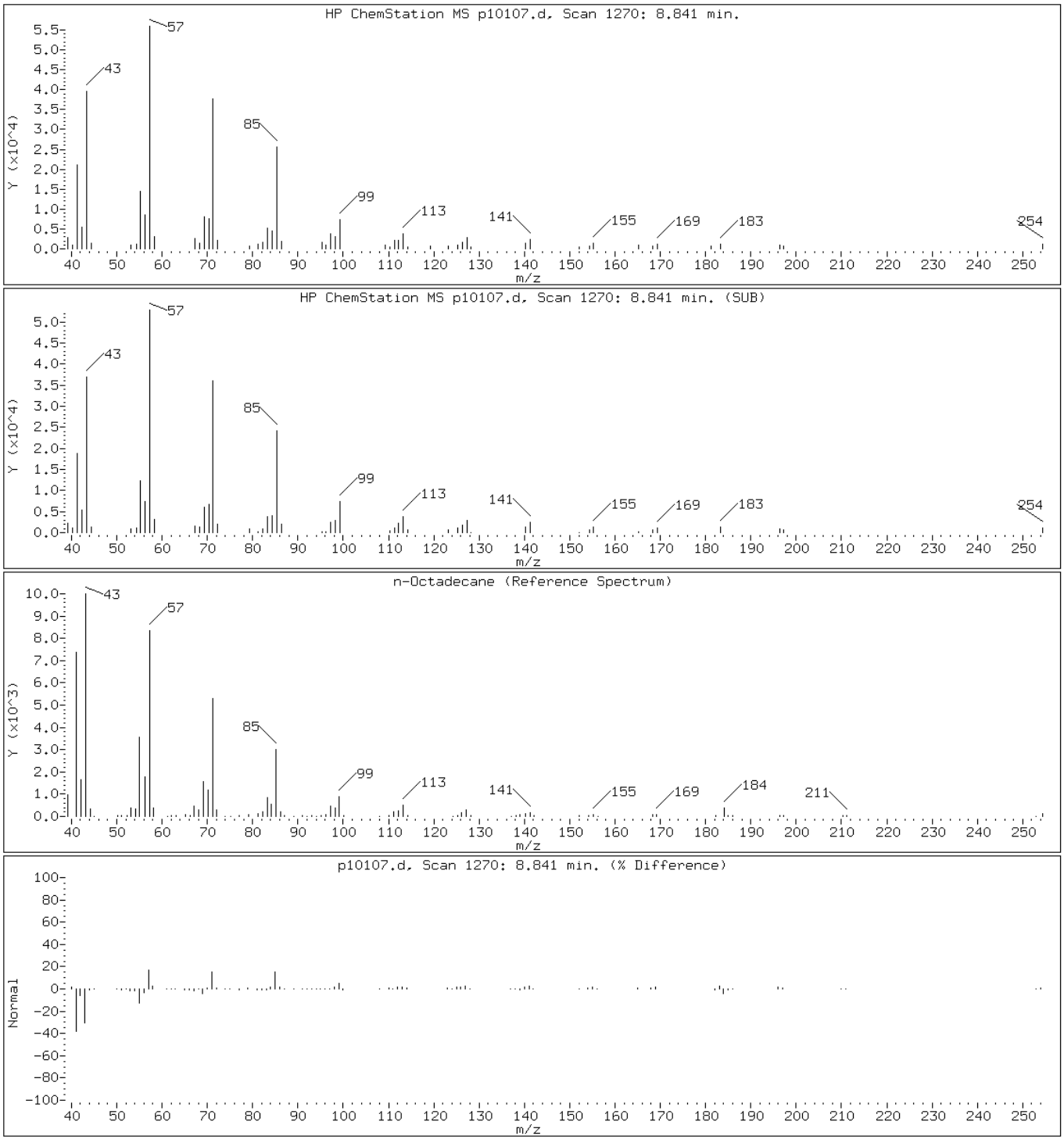
Data File: p10107.d

Date: 30-MAR-2011 03:50

Client ID: PMP-15-SI-E (15.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-20-A Operator: BNAMS 4

115 n-Octadecane



Data File: p10107.d

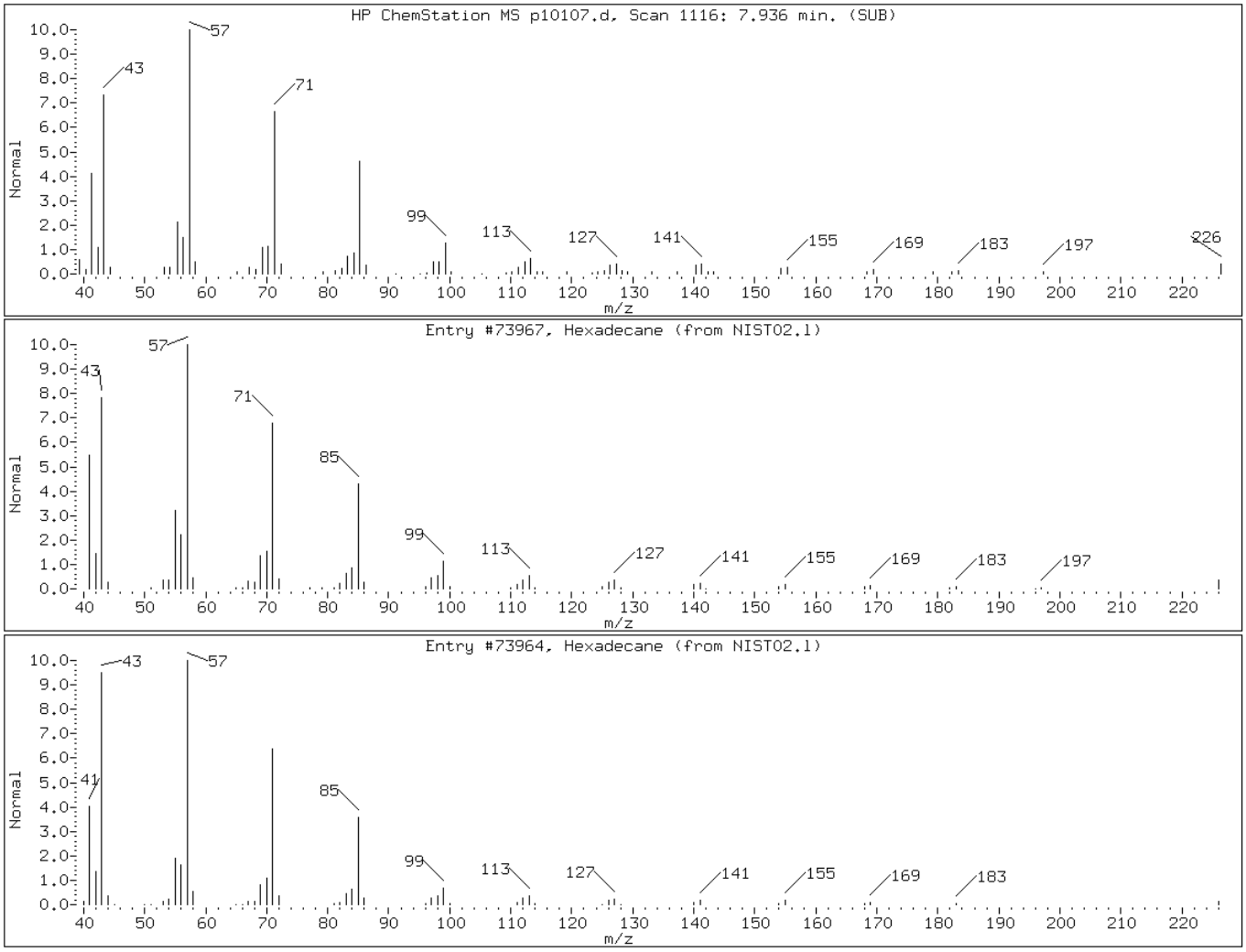
Date: 30-MAR-2011 03:50

Client ID: PMP-15-SI-E (15.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-20-A Operator: BNAMS 4

Retention Time: 7.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Hexadecane	544-76-3	NIST02.l	73967	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	97	C16H34	226



Data File: p10107.d

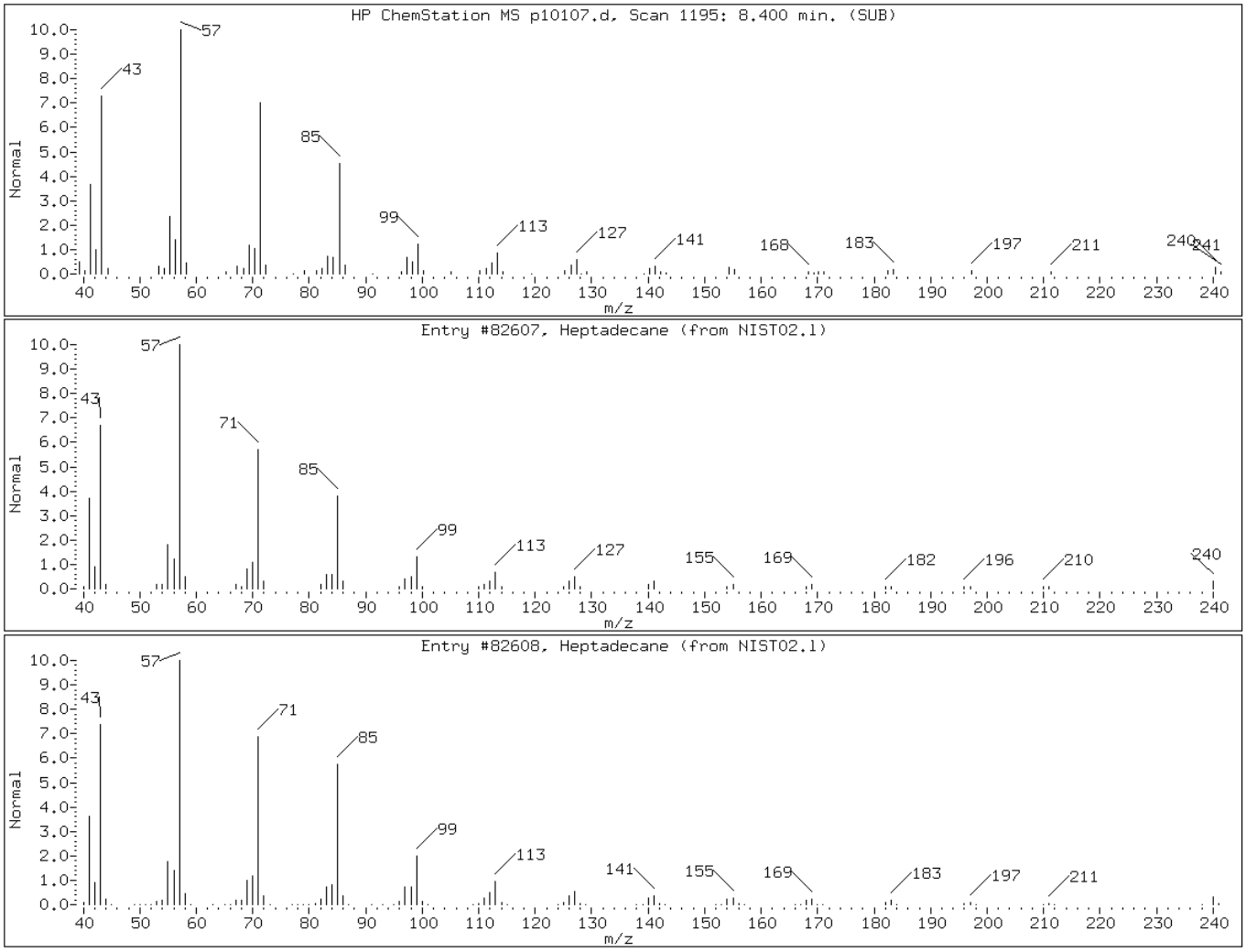
Date: 30-MAR-2011 03:50

Client ID: PMP-15-SI-E (15.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-20-A Operator: BNAMS 4

Retention Time: 8.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Heptadecane	629-78-7	NIST02.l	82607	97	C17H36	240
Heptadecane	629-78-7	NIST02.l	82608	96	C17H36	240



Data File: p10107.d

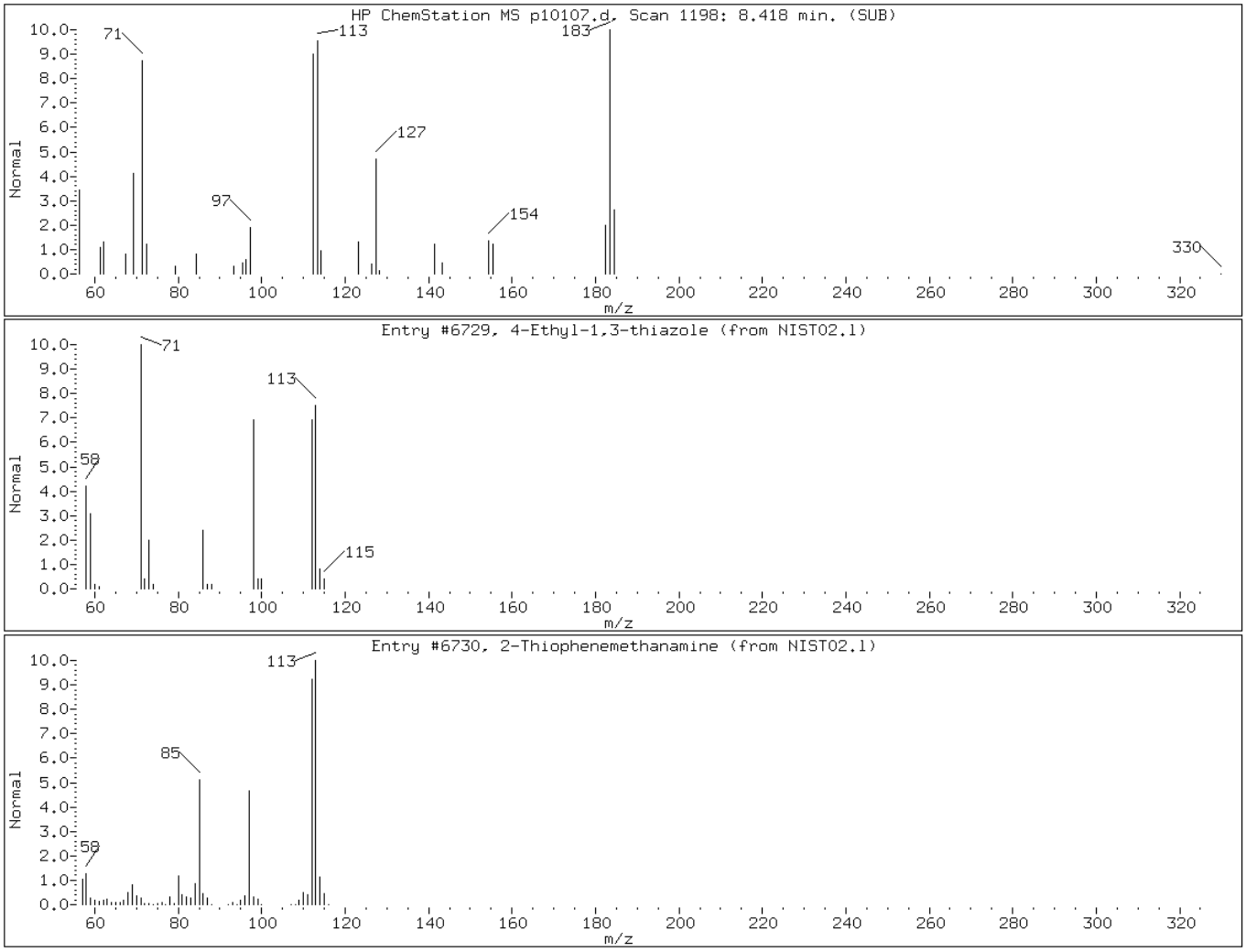
Date: 30-MAR-2011 03:50

Client ID: PMP-15-SI-E (15.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-20-A Operator: BNAMS 4

Retention Time: 8.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4-Ethyl-1,3-thiazole	17626-72-1	NIST02.l	6729	38	C5H7NS	113
2-Thiophenemethanamine	27757-85-3	NIST02.l	6730	30	C5H7NS	113



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SD-E (23.5-24.0) | Lab Sample ID: 460-24277-21

Matrix: Solid | Lab File ID: p10108.d

Analysis Method: 8270C | Date Collected: 03/18/2011 10:40

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.00(g) | Date Analyzed: 03/30/2011 04:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	47
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
106-44-5	4-Methylphenol	380	U	380	62
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	57
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.9
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.5
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	44
88-75-5	2-Nitrophenol	380	U	380	63
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	380	U	380	56
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	77	U	77	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	380	U	380	56
118-74-1	Hexachlorobenzene	38	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	Diphenyl	380	U	380	63
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	770	U	770	100
606-20-2	2,6-Dinitrotoluene	77	U	77	9.7
131-11-3	Dimethyl phthalate	380	U	380	52
208-96-8	Acenaphthylene	380	U	380	55
99-09-2	3-Nitroaniline	770	U	770	86
83-32-9	Acenaphthene	380	U	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SD-E (23.5-24.0) | Lab Sample ID: 460-24277-21

Matrix: Solid | Lab File ID: p10108.d

Analysis Method: 8270C | Date Collected: 03/18/2011 10:40

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.00(g) | Date Analyzed: 03/30/2011 04:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	98
51-28-5	2,4-Dinitrophenol	1200	U	1200	81
132-64-9	Dibenzofuran	380	U	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	65
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	77	U	77	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	66
100-01-6	4-Nitroaniline	770	U	770	79
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
1912-24-9	Atrazine	380	U	380	71
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	61
85-01-8	Phenanthrene	380	U	380	66
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	380	U	380	66
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.7
50-32-8	Benzo[a]pyrene	38	U	38	4.7
56-55-3	Benzo[a]anthracene	38	U	38	7.1
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
85-68-7	Butyl benzyl phthalate	380	U	380	44
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	51
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
91-94-1	3,3'-Dichlorobenzidine	770	U	770	84
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SD-E (23.5-24.0) Lab Sample ID: 460-24277-21

Matrix: Solid Lab File ID: p10108.d

Analysis Method: 8270C Date Collected: 03/18/2011 10:40

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.00(g) Date Analyzed: 03/30/2011 04:17

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	64		10-120
367-12-4	2-Fluorophenol	80		37-125
321-60-8	2-Fluorobiphenyl	81		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SD-E (23.5-24.0) Lab Sample ID: 460-24277-21

Matrix: Solid Lab File ID: p10108.d

Analysis Method: 8270C Date Collected: 03/18/2011 10:40

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.00(g) Date Analyzed: 03/30/2011 04:17

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10108.d
Report Date: 30-Mar-2011 12:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10108.d
Lab Smp Id: 460-24277-F-21-A Client Smp ID: PMP-15-SD-E (23.5-2
Inj Date : 30-MAR-2011 04:17
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-21-A
Misc Info : 460-24277-F-21-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 38
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	13.21762	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.901	2.883	(0.678)	824155	80.1808	6200
$ 17 Phenol-d5 (SUR)	99	3.911	3.923	(0.914)	917941	78.6279	6000
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	324754	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.865)	448304	40.6321	3100
* 80 Naphthalene-d8	136	5.651	5.657	(1.000)	1138467	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.779	6.785	(0.910)	753079	40.4847	3100
* 82 Acenaphthene-d10	164	7.449	7.454	(1.000)	569844	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.236	8.242	(1.106)	125191	64.4066	4900
* 83 Phenanthrene-d10	188	8.912	8.917	(1.000)	676931	40.0000	
115 n-Octadecane	57	8.841	8.847	(0.992)	7671	0.88656	68(a)
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	433034	38.9580	3000
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	505766	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	462966	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10108.d
Report Date: 30-Mar-2011 12:20

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10108.d
Report Date: 30-Mar-2011 12:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10108.d
Lab Smp Id: 460-24277-F-21-A Client Smp ID: PMP-15-SD-E (23.5-2
Inj Date : 30-MAR-2011 04:17
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-21-A
Misc Info : 460-24277-F-21-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 38
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

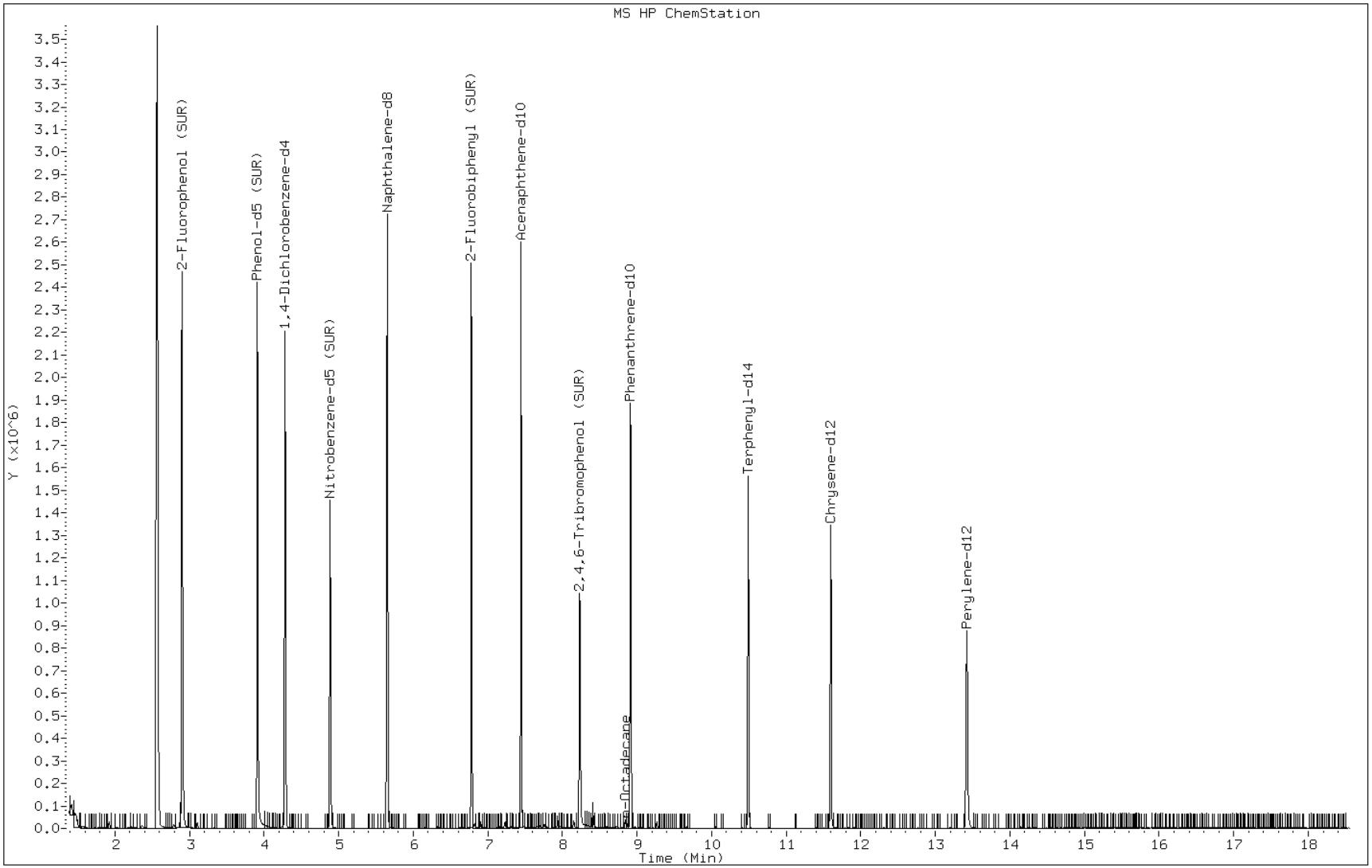
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10108.d

Date: 30-MAR-2011 04:17

Client ID: PMP-15-SD-E (23.5-2 Instrument: BNAMS10.i

Sample Info: 460-24277-F-21-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-VD-E (3-5) | Lab Sample ID: 460-24277-22

Matrix: Solid | Lab File ID: p10115.d

Analysis Method: 8270C | Date Collected: 03/18/2011 11:55

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.95(g) | Date Analyzed: 03/30/2011 07:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	47
95-48-7	2-Methylphenol	350	U	350	50
106-44-5	4-Methylphenol	350	U	350	57
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	52
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	46
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.6
98-95-3	Nitrobenzene	35	U	35	7.8
67-72-1	Hexachloroethane	35	U	35	5.9
78-59-1	Isophorone	350	U	350	40
88-75-5	2-Nitrophenol	350	U	350	58
105-67-9	2,4-Dimethylphenol	350	U	350	56
120-83-2	2,4-Dichlorophenol	350	U	350	56
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	50
91-20-3	Naphthalene	350	U	350	51
106-47-8	4-Chloroaniline	350	U	350	44
87-68-3	Hexachlorobutadiene	71	U	71	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	59
91-57-6	2-Methylnaphthalene	350	U	350	51
118-74-1	Hexachlorobenzene	35	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	63
95-95-4	2,4,5-Trichlorophenol	350	U	350	68
92-52-4	Diphenyl	350	U	350	58
91-58-7	2-Chloronaphthalene	350	U	350	50
88-74-4	2-Nitroaniline	710	U	710	96
606-20-2	2,6-Dinitrotoluene	71	U	71	8.9
131-11-3	Dimethyl phthalate	350	U	350	47
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	710	U	710	79
83-32-9	Acenaphthene	350	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-VD-E (3-5) | Lab Sample ID: 460-24277-22

Matrix: Solid | Lab File ID: p10115.d

Analysis Method: 8270C | Date Collected: 03/18/2011 11:55

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.95(g) | Date Analyzed: 03/30/2011 07:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	90
51-28-5	2,4-Dinitrophenol	1100	U	1100	74
132-64-9	Dibenzofuran	350	U	350	53
84-66-2	Diethyl phthalate	350	U	350	47
86-73-7	Fluorene	350	U	350	59
206-44-0	Fluoranthene	350	U	350	58
84-74-2	Di-n-butyl phthalate	350	U	350	54
121-14-2	2,4-Dinitrotoluene	71	U	71	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	60
100-01-6	4-Nitroaniline	710	U	710	72
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	62
1912-24-9	Atrazine	350	U	350	65
120-12-7	Anthracene	350	U	350	62
86-74-8	Carbazole	350	U	350	56
85-01-8	Phenanthrene	350	U	350	61
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	62	J	350	61
218-01-9	Chrysene	350	U	350	51
207-08-9	Benzo[k]fluoranthene	35	U	35	4.9
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.5
86-30-6	N-Nitrosodiphenylamine	350	U	350	57
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	47
117-84-0	Di-n-octyl phthalate	350	U	350	42
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.6
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	710	U	710	78
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-VD-E (3-5) | Lab Sample ID: 460-24277-22

Matrix: Solid | Lab File ID: p10115.d

Analysis Method: 8270C | Date Collected: 03/18/2011 11:55

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.95(g) | Date Analyzed: 03/30/2011 07:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	88		38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	70		10-120
367-12-4	2-Fluorophenol	86		37-125
321-60-8	2-Fluorobiphenyl	83		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-VD-E (3-5) | Lab Sample ID: 460-24277-22

Matrix: Solid | Lab File ID: p10115.d

Analysis Method: 8270C | Date Collected: 03/18/2011 11:55

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.95(g) | Date Analyzed: 03/30/2011 07:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 51430

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.79	2100	J
	Unknown Cycloalkane-1	5.90	1600	J
	Unknown Alkane-2	6.16	3300	J
	Unknown-1	6.25	930	J
	Unknown Alkane-3	6.33	1900	J
	Unknown Alkane-4	6.40	1500	J
	Unknown Alkane-5	6.44	1100	J
	Unknown Alkane-6	6.63	1100	J
	Unknown Alkane-8	6.91	2300	J
	Unknown-4	7.17	1200	J
	Unknown Alkane-9	7.24	3300	J
	Unknown Alkane-13	7.94	1800	J
	Unknown Alkane-14	8.17	2200	J
	Unknown Cycloalkane-2	8.26	2000	J
	Unknown Alkane-15	8.43	11000	J
	Unknown Alkane-16	8.60	1600	J
593-45-3	n-Octadecane	8.85	3900	
	Unknown Alkane-17	8.88	4100	J
	Unknown Alkane-18	9.03	1500	J
	Unknown Alkane-19	9.27	3000	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10115.d
Report Date: 02-Apr-2011 04:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10115.d
Lab Smp Id: 460-24277-F-22-A Client Smp ID: PMP-28-VD-E (3-5)
Inj Date : 30-MAR-2011 07:25
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-22-A
Misc Info : 460-24277-F-22-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 45
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.95000	Weight of sample extracted (g)
M	5.40915	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.901	2.883	(0.678)	1008120	85.8389	6100
$ 17 Phenol-d5 (SUR)	99	3.912	3.923	(0.914)	1156578	86.7056	6100
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	371060	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.864)	527780	44.1103	3100
30 1,2,4-Trichlorobenzene	180	5.604	5.604	(0.991)	27070	2.48757	180
* 80 Naphthalene-d8	136	5.657	5.657	(1.000)	1234611	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.785	6.785	(0.910)	808617	41.6115	2900
* 82 Acenaphthene-d10	164	7.455	7.454	(1.000)	595300	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.242	8.242	(1.106)	141160	69.5170	4900
* 83 Phenanthrene-d10	188	8.923	8.917	(1.000)	822618	40.0000	
115 n-Octadecane	57	8.853	8.847	(0.992)	586559	55.7848	3900
57 Pyrene	202	10.328	10.328	(0.891)	21037	0.87938	62(a)
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	591533	40.9384	2900

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10115.d
Report Date: 02-Apr-2011 04:40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	657465	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	561439	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10115.d
Report Date: 02-Apr-2011 04:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10115.d
Lab Smp Id: 460-24277-F-22-A Client Smp ID: PMP-28-VD-E (3-5)
Inj Date : 30-MAR-2011 07:25
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-22-A
Misc Info : 460-24277-F-22-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 45
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.95000	Weight of sample extracted (g)
M	5.40915	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.657	4790678	40.000
* 82 Acenaphthene-d10	7.455	8436540	40.000
* 83 Phenanthrene-d10	8.923	3120312	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
5.786	3513353	29.3349144	2100	0	0		80

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10115.d
Report Date: 02-Apr-2011 04:40

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane-1					CAS #:		
5.897	2693517	22.4896490	1600	0		0	80
Unknown Alkane-2					CAS #:		
6.162	5565491	46.4693387	3300	0		0	80
Unknown-1					CAS #:		
6.250	1583405	13.2207142	930	0		0	80
Unknown Alkane-3					CAS #:		
6.332	3226080	26.9363155	1900	0		0	80
Unknown Alkane-4					CAS #:		
6.397	2570432	21.4619469	1500	0		0	80
Unknown Alkane-5					CAS #:		
6.438	1787778	14.9271436	1000	0		0	80
Unknown Alkane-6					CAS #:		
6.632	3240025	15.3618640	1100	0		0	82
Unknown Alkane-7					CAS #:		
6.708	1547648	7.33783394	520	0		0	82
Unknown-2					CAS #:		
6.861	2521867	11.9568776	840	0		0	82(L)
Unknown Alkane-8					CAS #:		
6.914	6743455	31.9726089	2300	0		0	82
Unknown-3					CAS #:		
6.979	1723408	8.17115895	580	0		0	82
Unknown-4					CAS #:		
7.172	3503084	16.6091025	1200	0		0	82
Unknown Alkane-9					CAS #:		
7.243	9784717	46.3920861	3300	0		0	82
Unknown-5					CAS #:		
7.372	2464520	11.6849787	830	0		0	82
Unknown Alkane-10					CAS #:		
7.672	1736884	8.23505172	580	0		0	82

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10115.d
Report Date: 02-Apr-2011 04:40

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-11					CAS #:		
7.707	1977965	9.37808647	660	0		0	82
Unknown Alkane-12					CAS #:		
7.766	2713693	12.8663797	910	0		0	82
Unknown Alkane-13					CAS #:		
7.942	5404799	25.6256679	1800	0		0	82
Unknown Alkane-14					CAS #:		
8.165	6495307	30.7960683	2200	0		0	82
Unknown Cycloalkane-2					CAS #:		
8.259	2226535	28.5424691	2000	0		0	83
Unknown Alkane-15					CAS #:		
8.430	11708466	150.093516	11000	0		0	83
Unknown Alkane-16					CAS #:		
8.600	1757695	22.5322898	1600	0		0	83
Unknown Alkane-17					CAS #:		
8.882	4539839	58.1972319	4100	0		0	83
Unknown Alkane-18					CAS #:		
9.029	1656892	21.2400751	1500	0		0	83
Unknown Alkane-19					CAS #:		
9.270	3330798	42.6982669	3000	0		0	83

QC Flag Legend

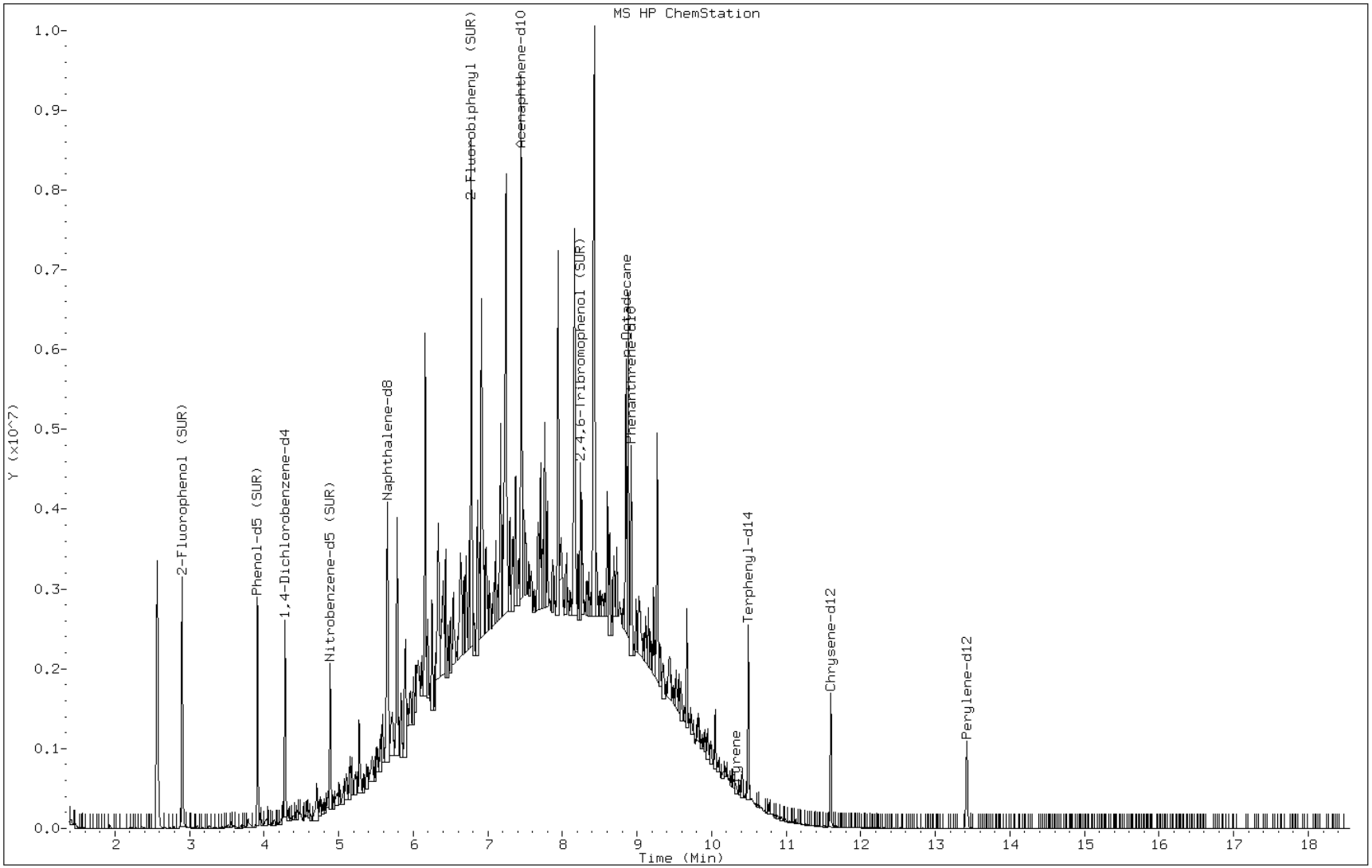
L - Operator selected an alternate library search match.

Data File: p10115.d

Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4



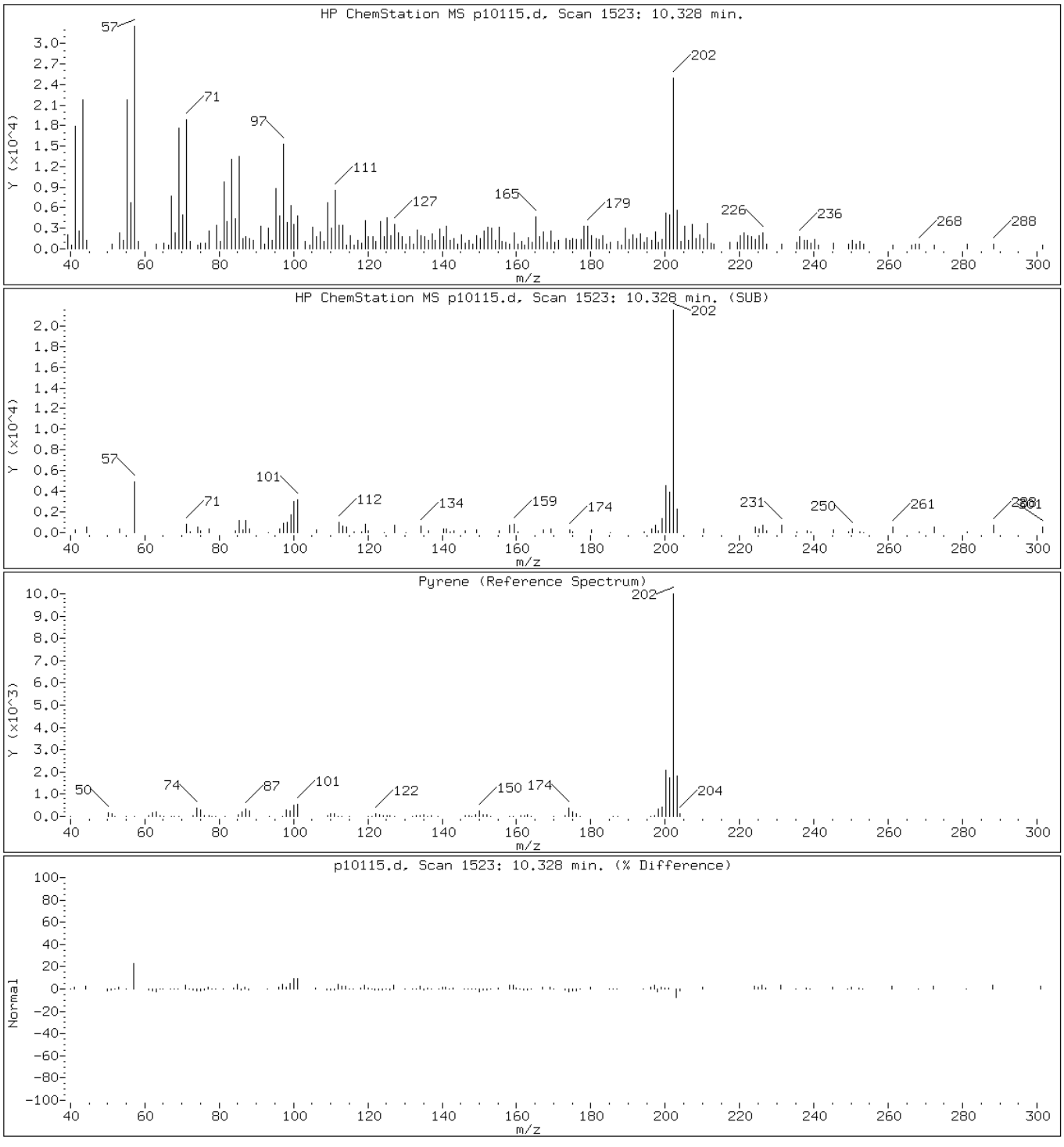
Data File: p10115.d

Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

57 Pyrene



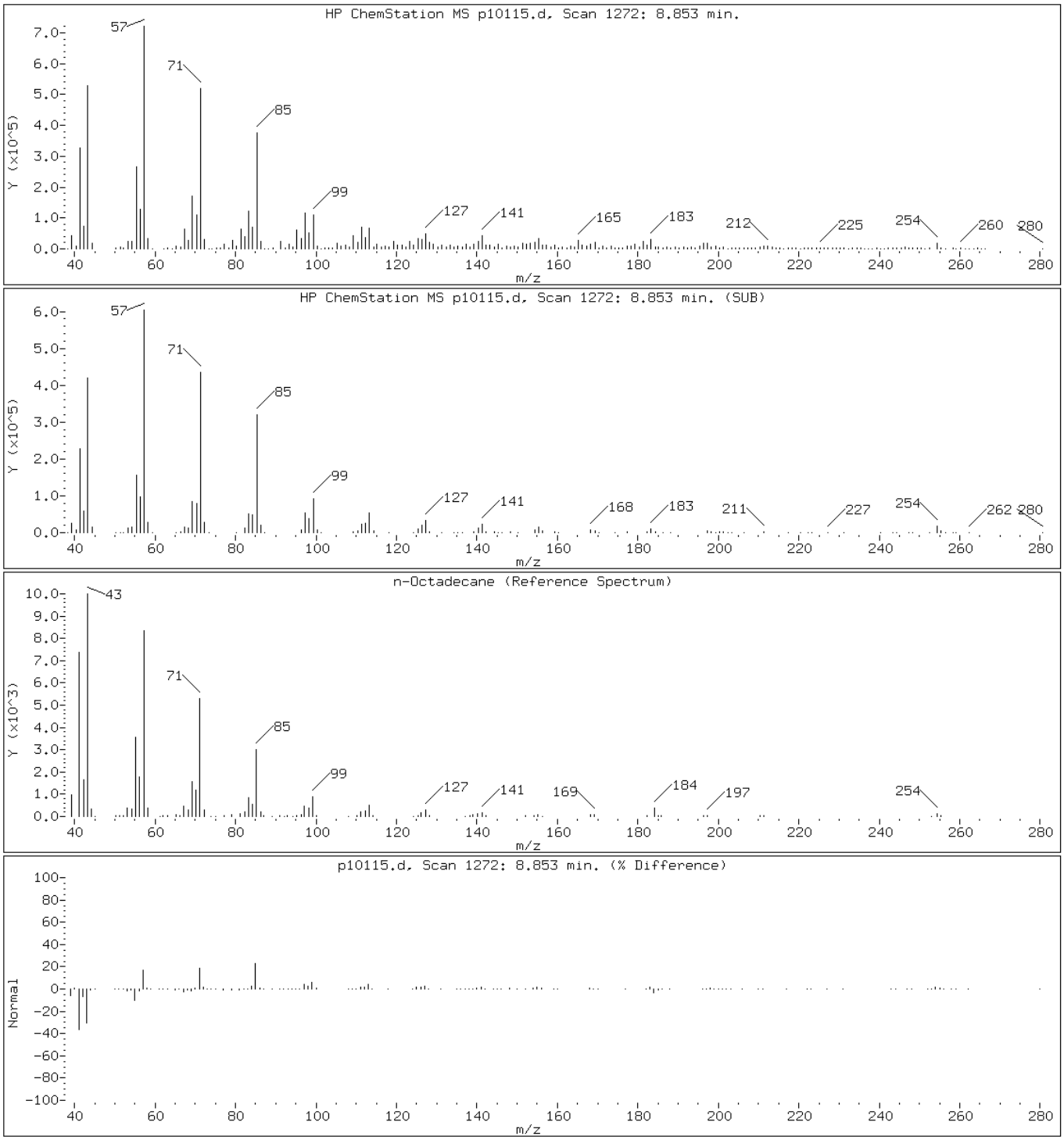
Data File: p10115.d

Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

115 n-Octadecane



Data File: p10115.d

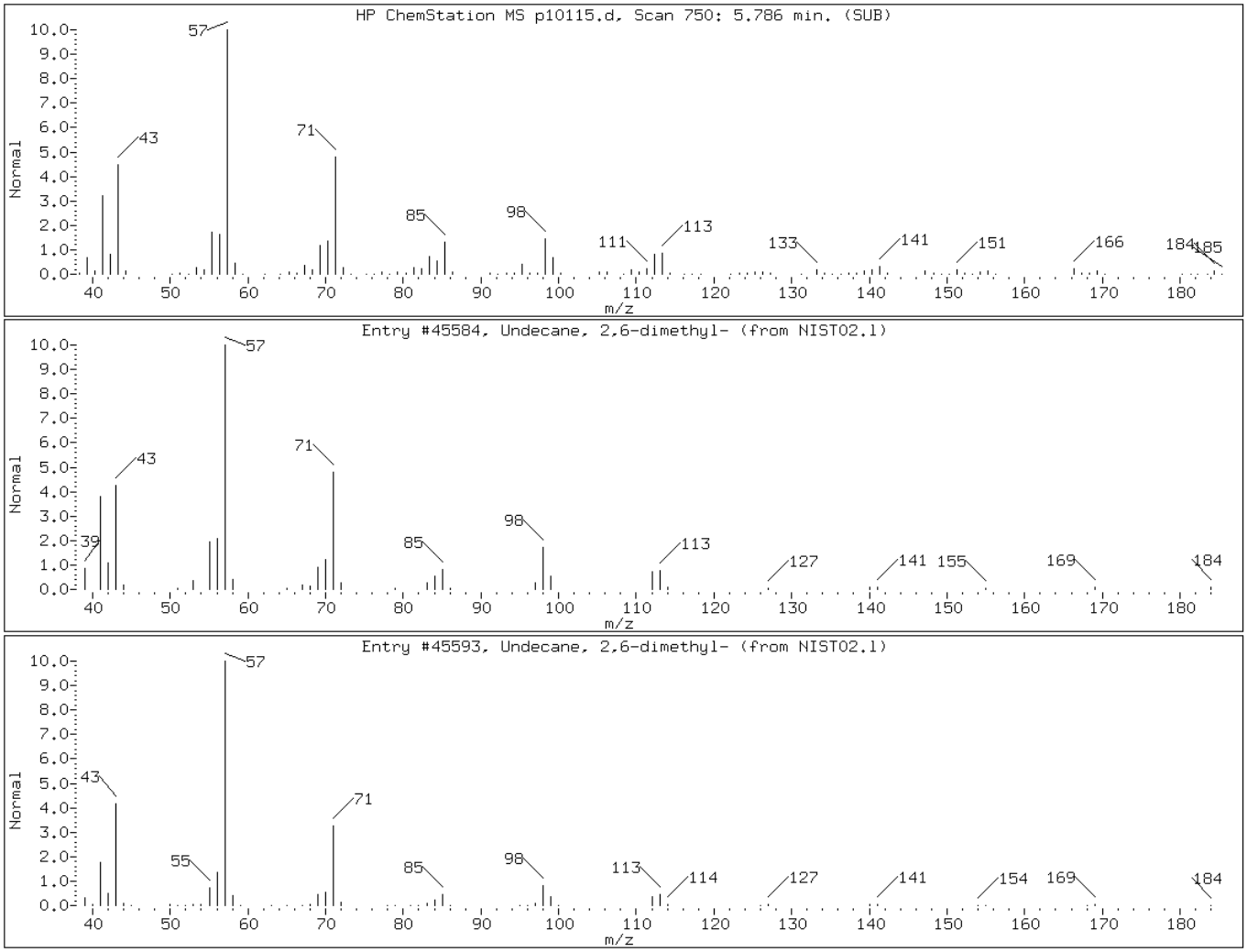
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 5.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	97	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	87	C13H28	184



Data File: p10115.d

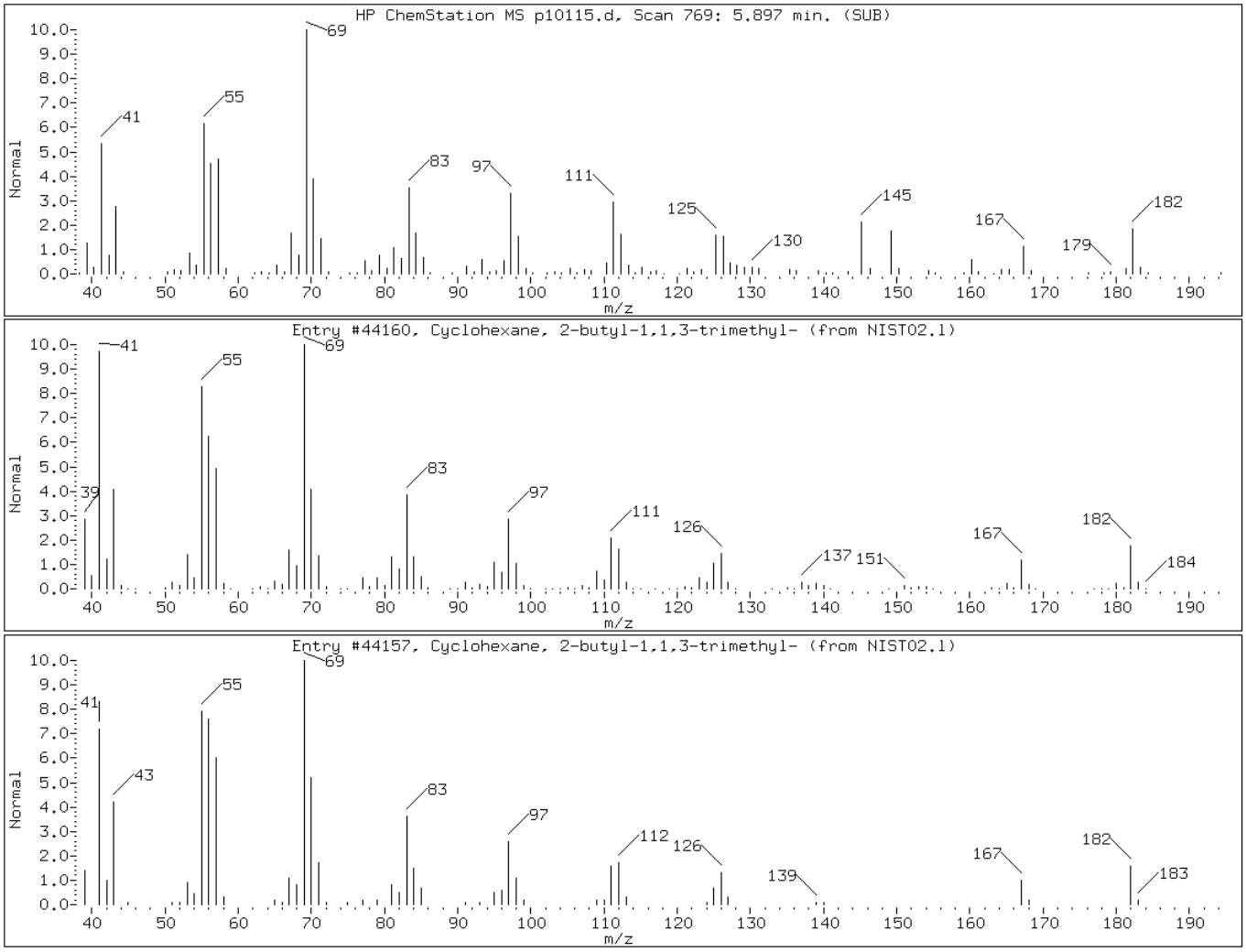
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 5.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-1						
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44160	91	C13H26	182
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44157	91	C13H26	182



Data File: p10115.d

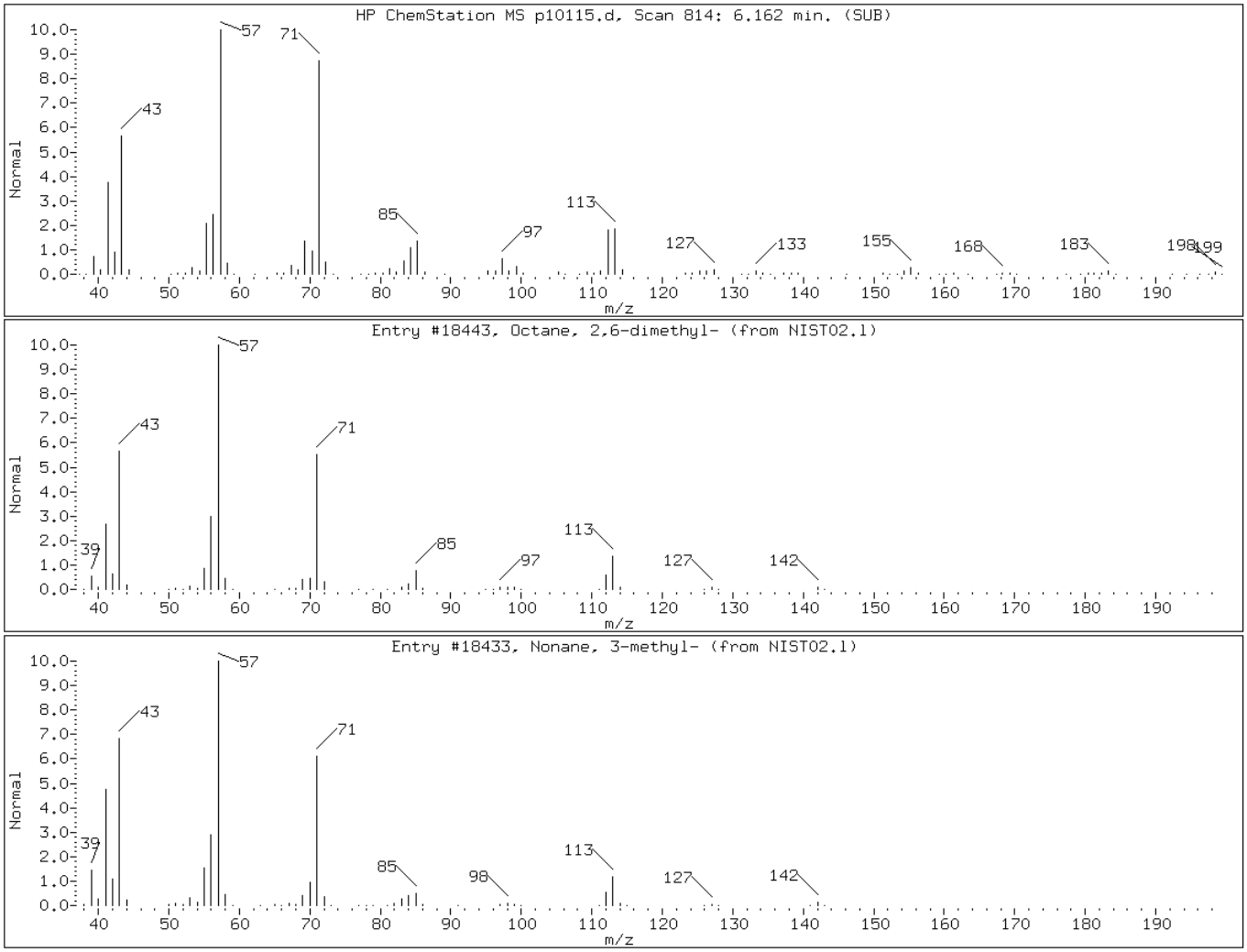
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 6.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	83	C10H22	142
Nonane, 3-methyl-	5911-04-6	NIST02.l	18433	72	C10H22	142



Data File: p10115.d

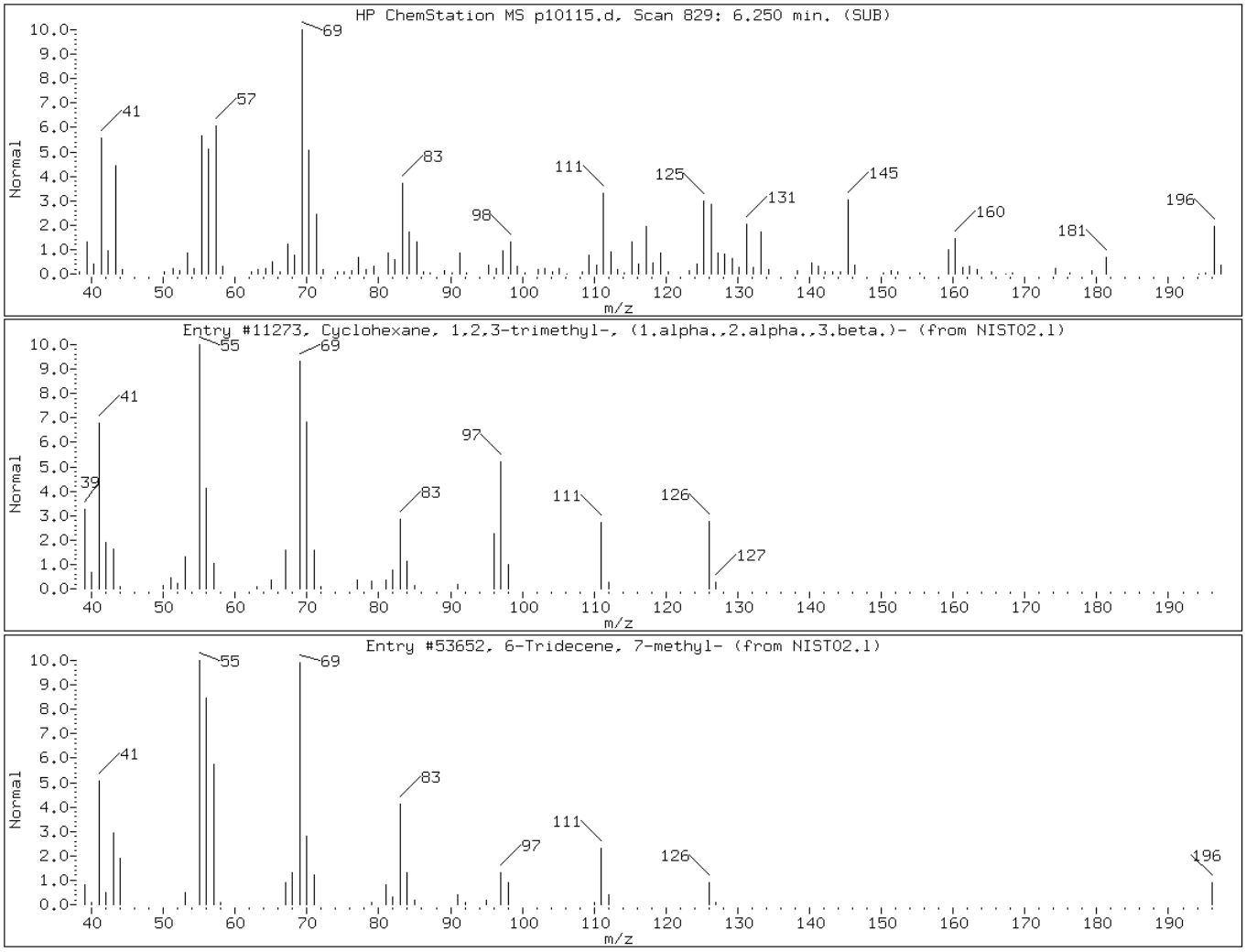
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 6.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Cyclohexane, 1,2,3-trimethyl-, (1.	7667-55-2	NIST02.l	11273	50	C9H18	126
6-Tridecene, 7-methyl-	24949-42-6	NIST02.l	53652	47	C14H28	196



Data File: p10115.d

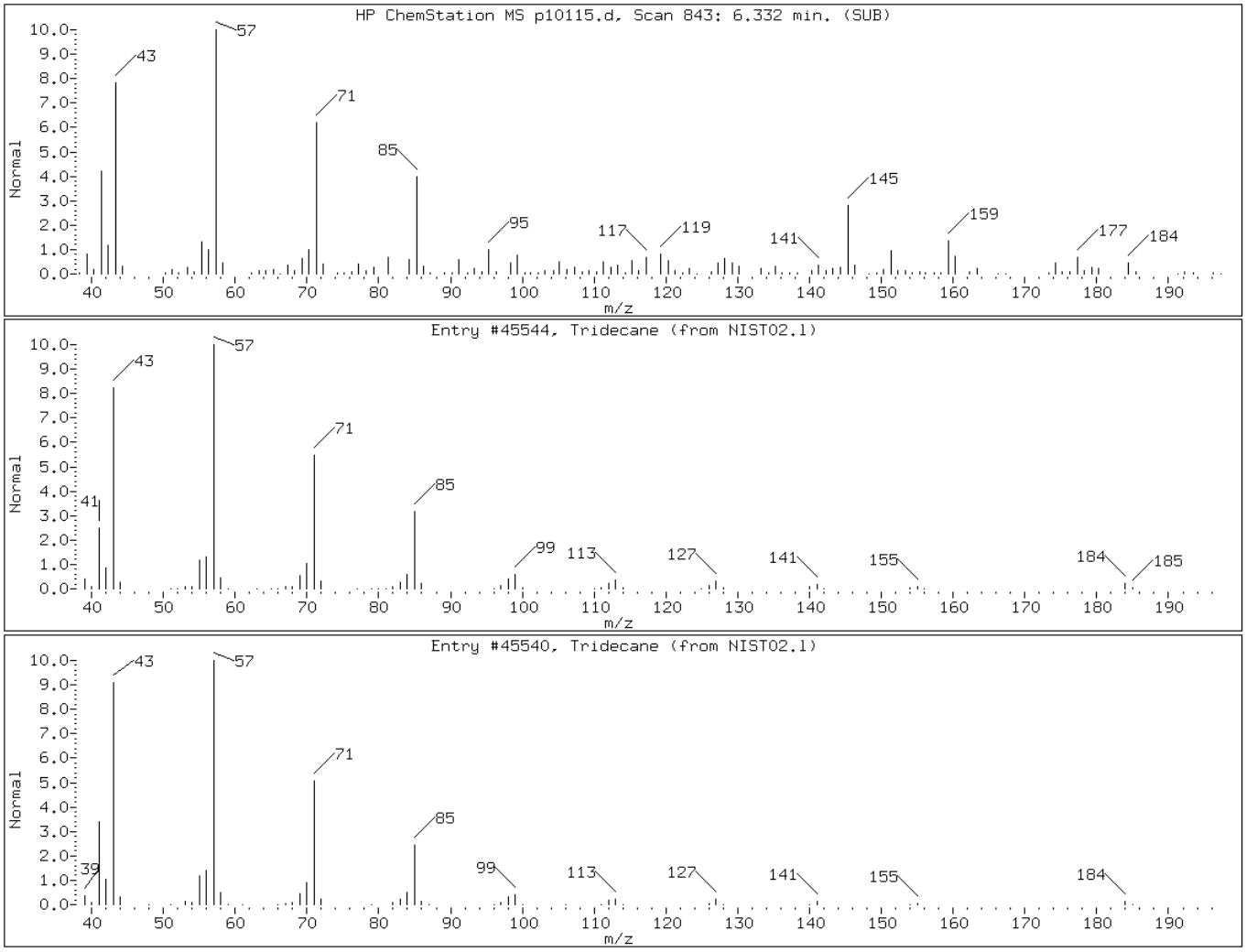
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 6.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tridecane	629-50-5	NIST02.l	45544	78	C13H28	184
Tridecane	629-50-5	NIST02.l	45540	50	C13H28	184



Data File: p10115.d

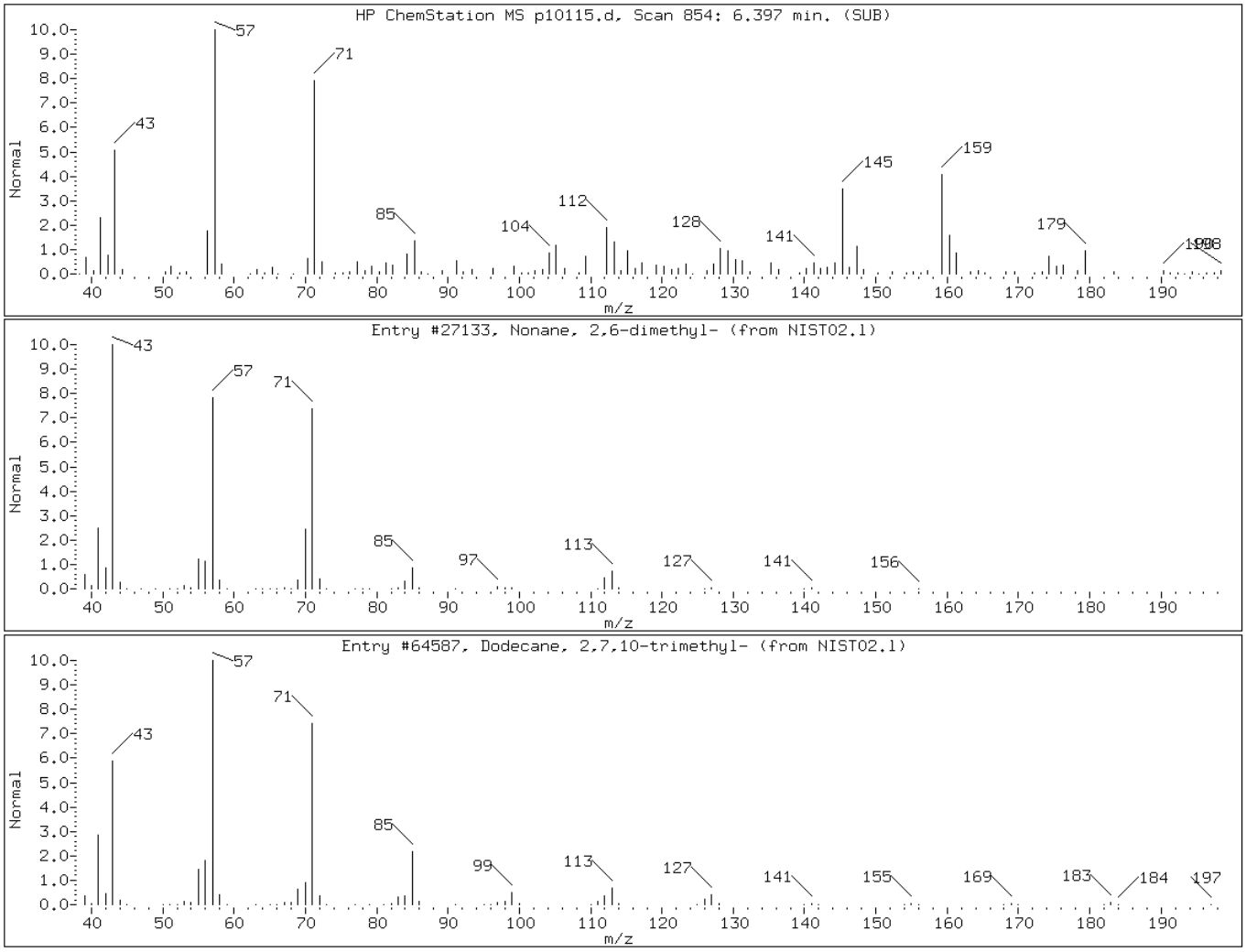
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 6.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Nonane, 2,6-dimethyl-	17302-28-2	NIST02.l	27133	35	C11H24	156
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	35	C15H32	212



Data File: p10115.d

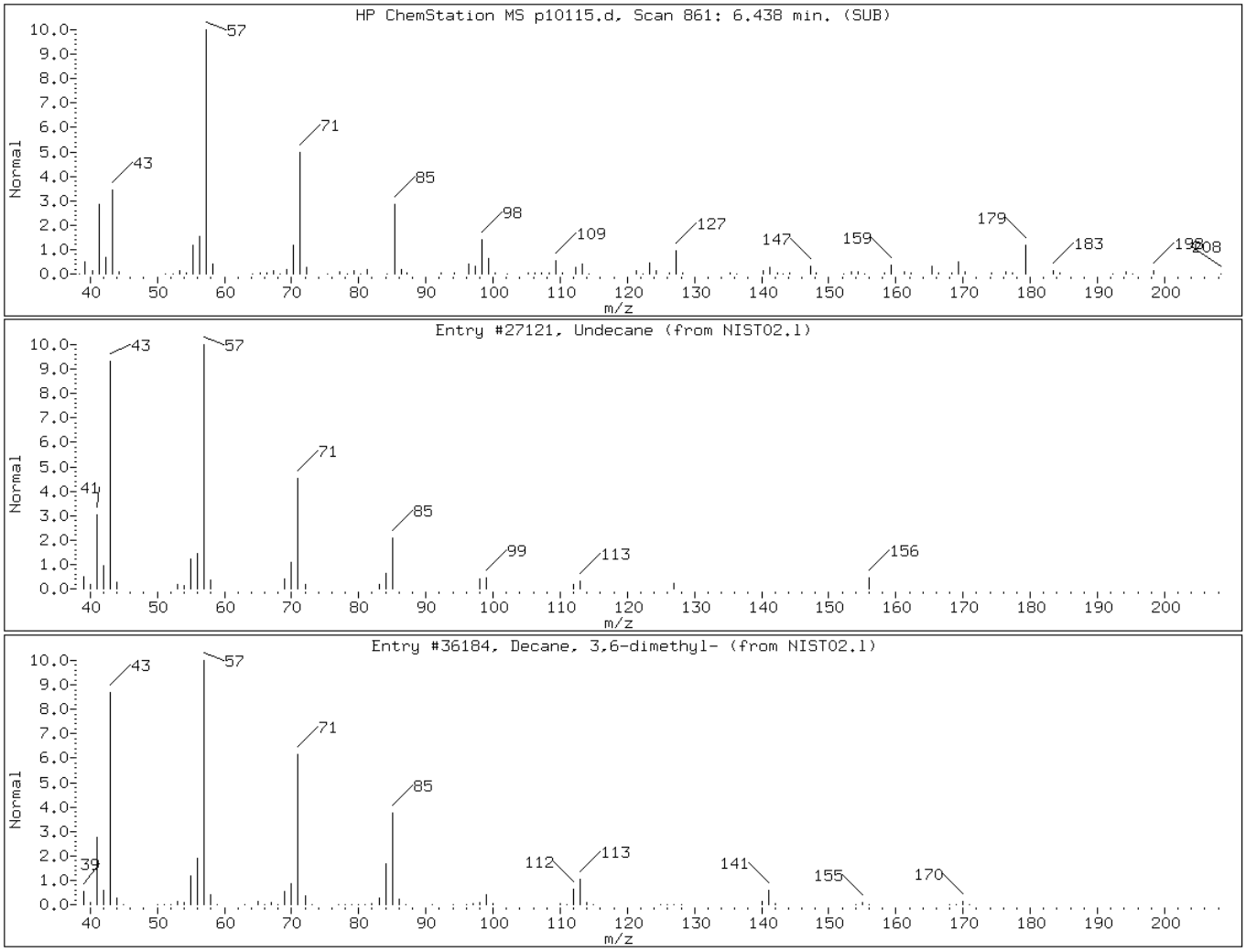
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 6.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Undecane	1120-21-4	NIST02.l	27121	53	C11H24	156
Decane, 3,6-dimethyl-	17312-53-7	NIST02.l	36184	49	C12H26	170



Data File: p10115.d

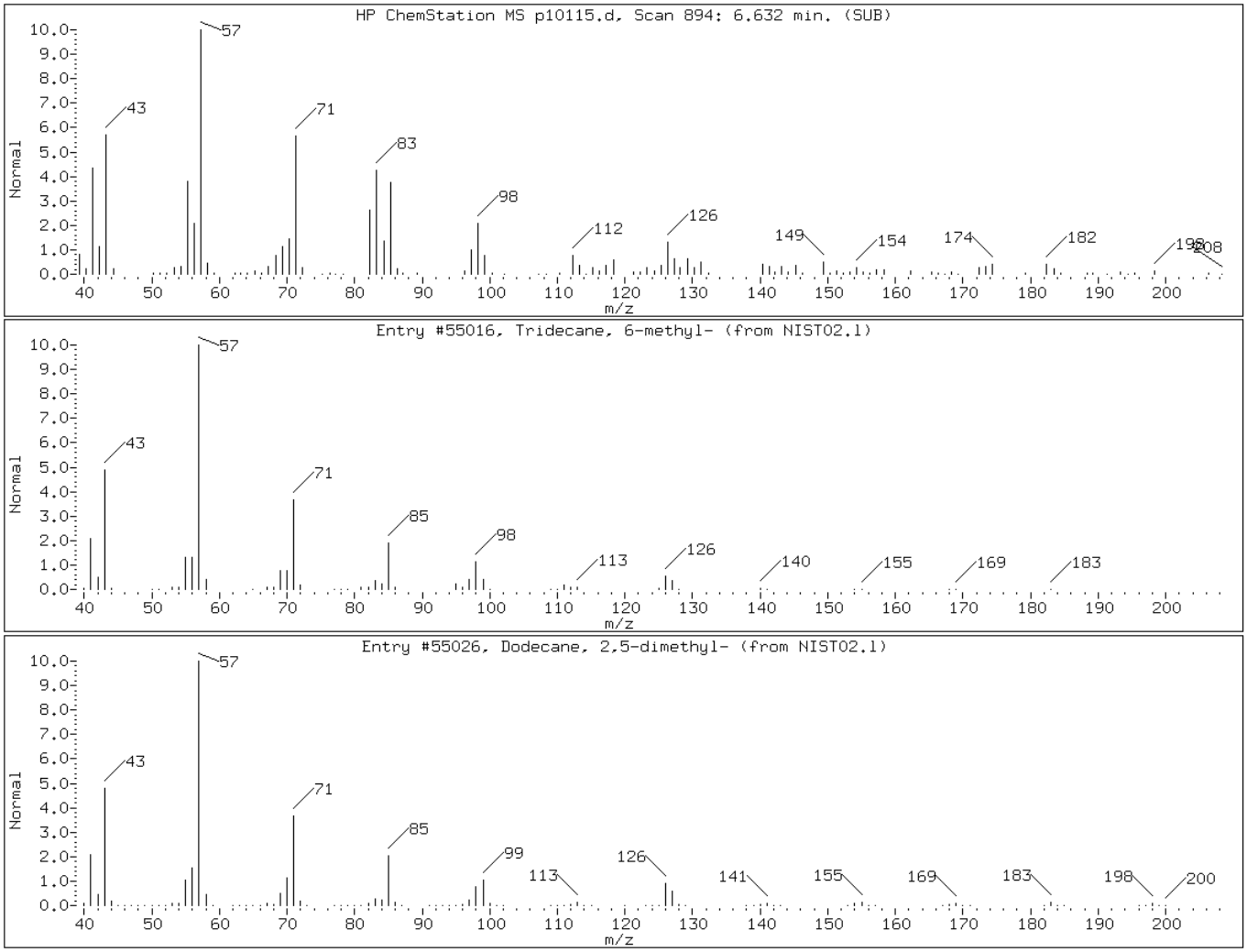
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 6.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tridecane, 6-methyl-	13287-21-3	NIST02.l	55016	46	C14H30	198
Dodecane, 2,5-dimethyl-	56292-65-0	NIST02.l	55026	45	C14H30	198



Data File: p10115.d

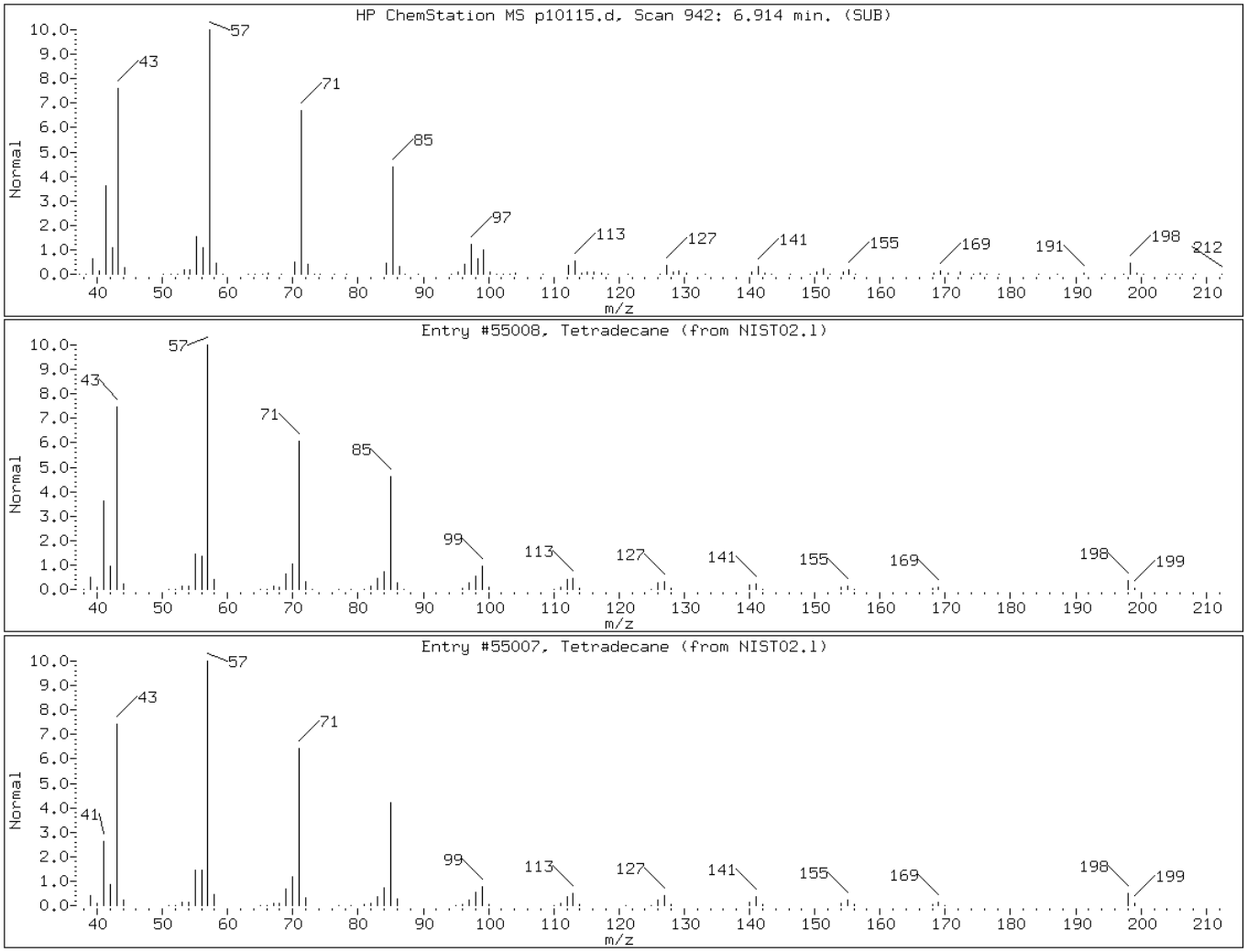
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 6.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Tetradecane	629-59-4	NIST02.l	55008	93	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	93	C14H30	198



Data File: p10115.d

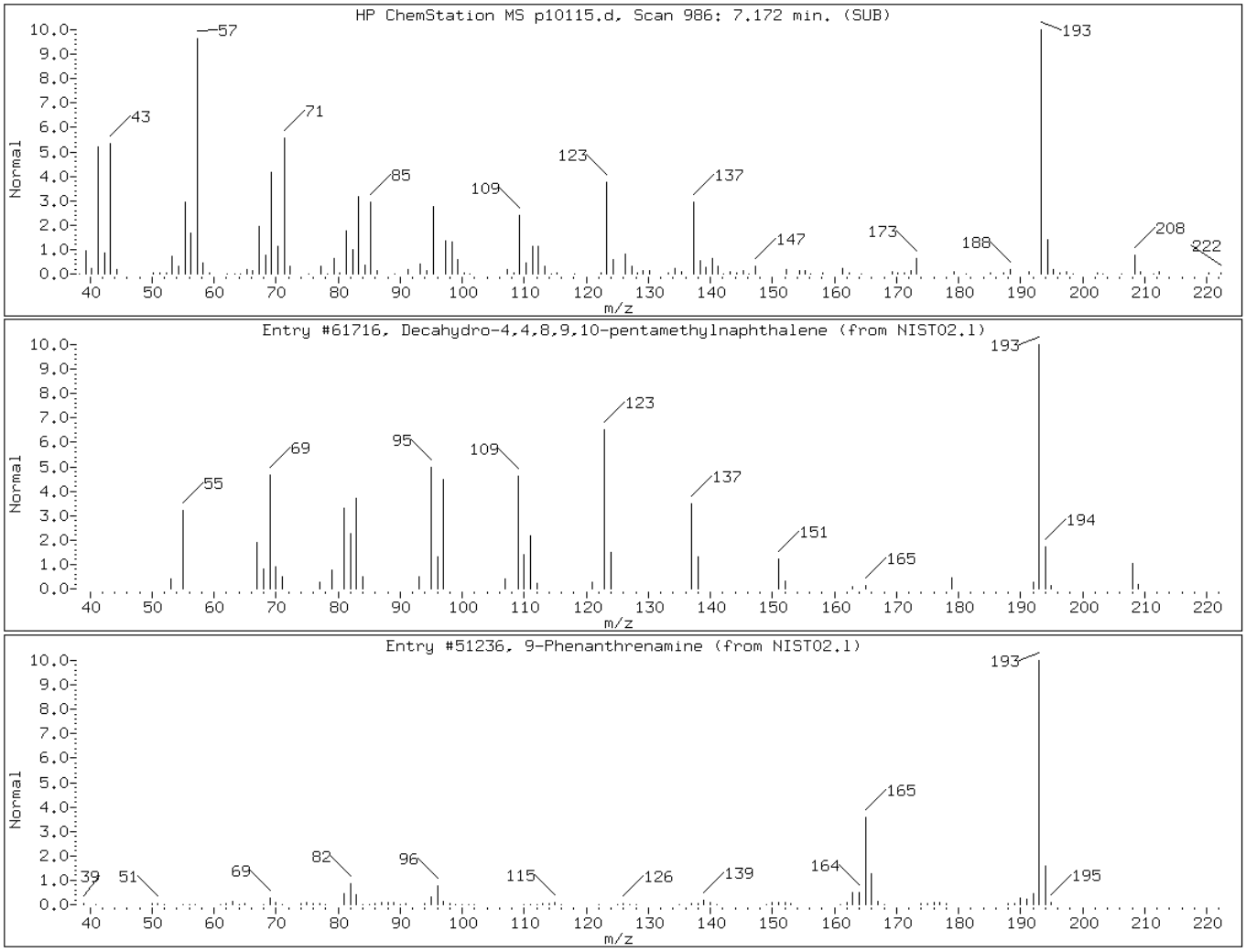
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 7.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	27	C15H28	208
9-Phenanthrenamine	947-73-9	NIST02.l	51236	22	C14H11N	193



Data File: p10115.d

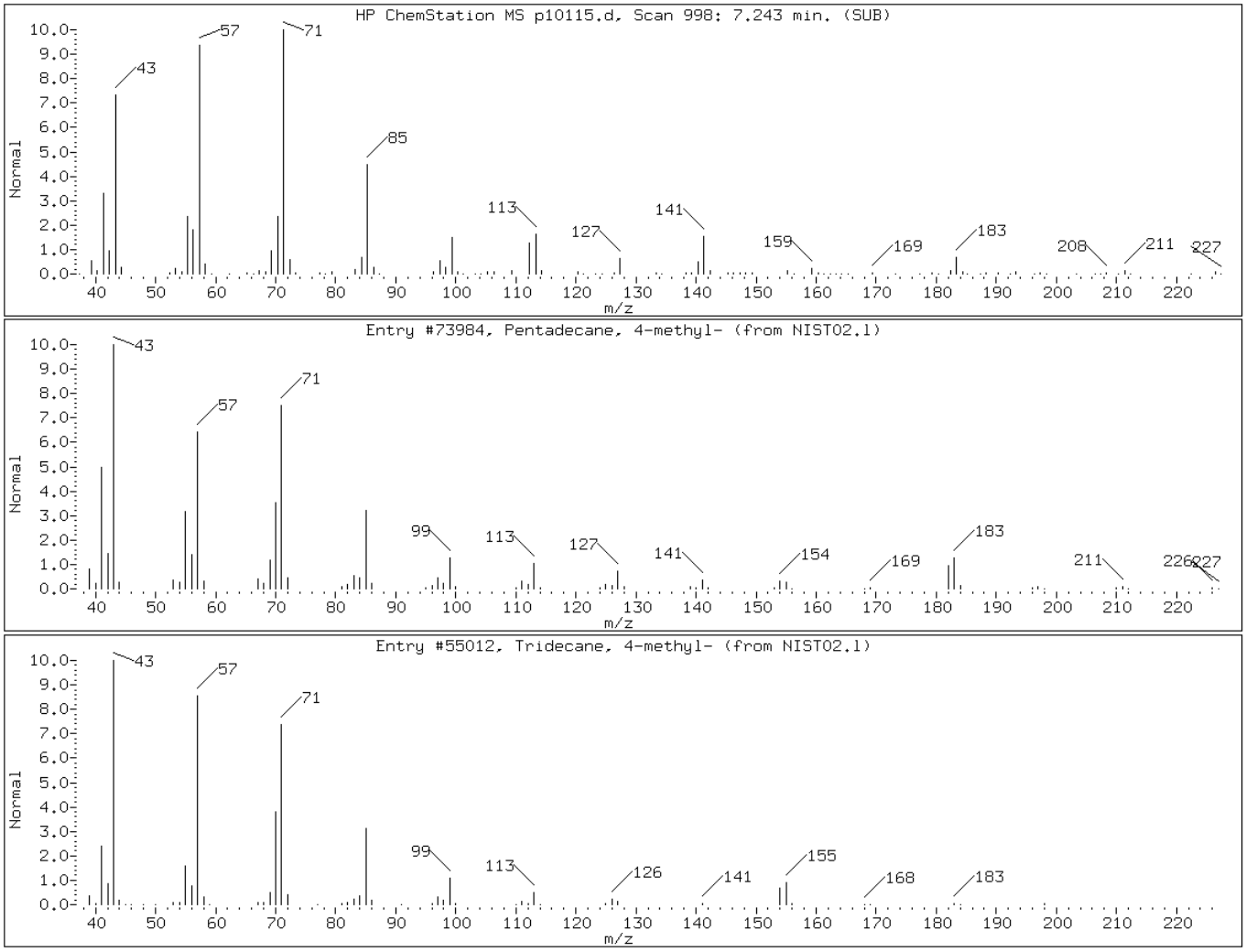
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 7.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Pentadecane, 4-methyl-	2801-87-8	NIST02.l	73984	81	C16H34	226
Tridecane, 4-methyl-	26730-12-1	NIST02.l	55012	76	C14H30	198



Data File: p10115.d

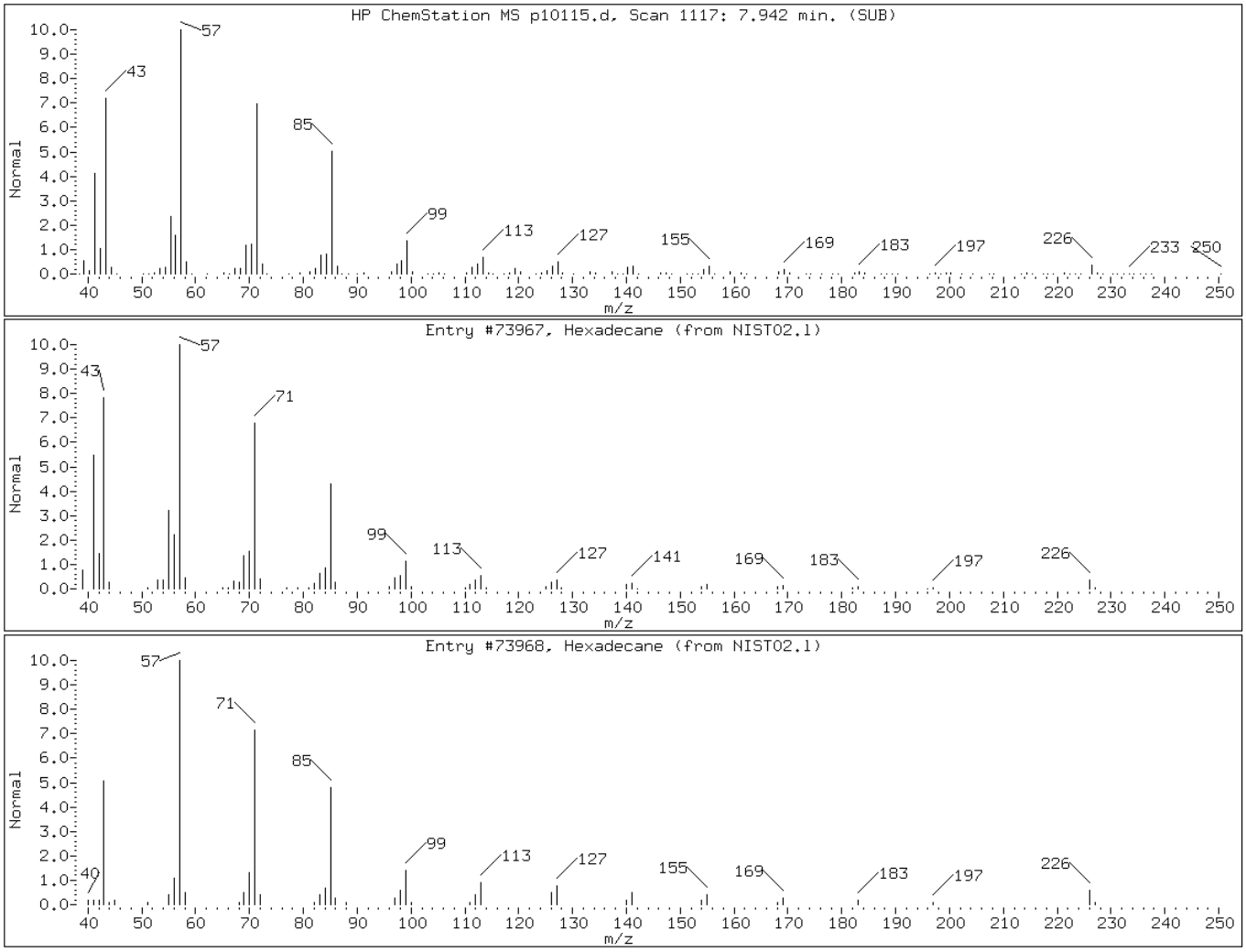
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 7.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Hexadecane	544-76-3	NIST02.l	73967	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73968	98	C16H34	226



Data File: p10115.d

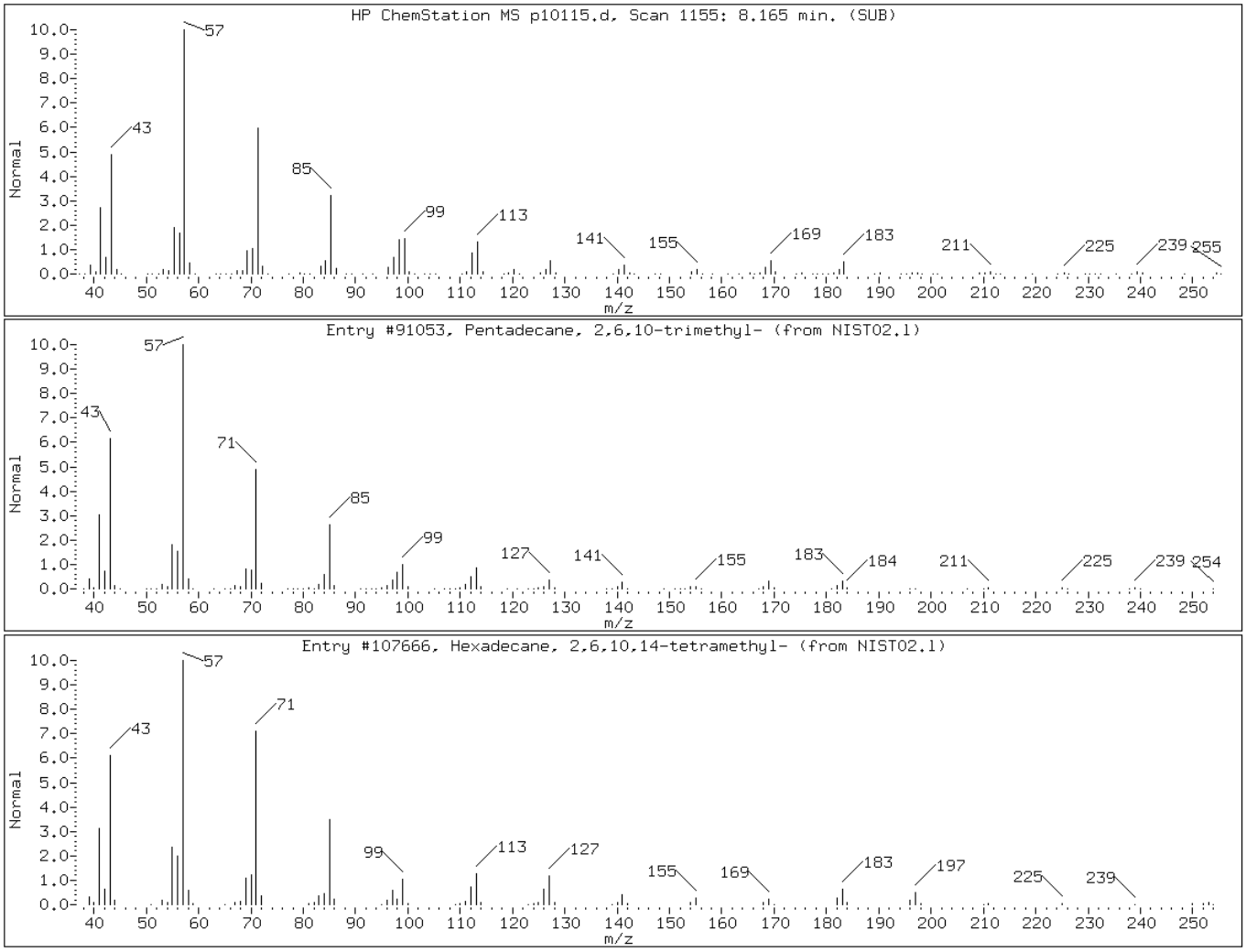
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 8.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	91	C18H38	254
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	83	C20H42	282



Data File: p10115.d

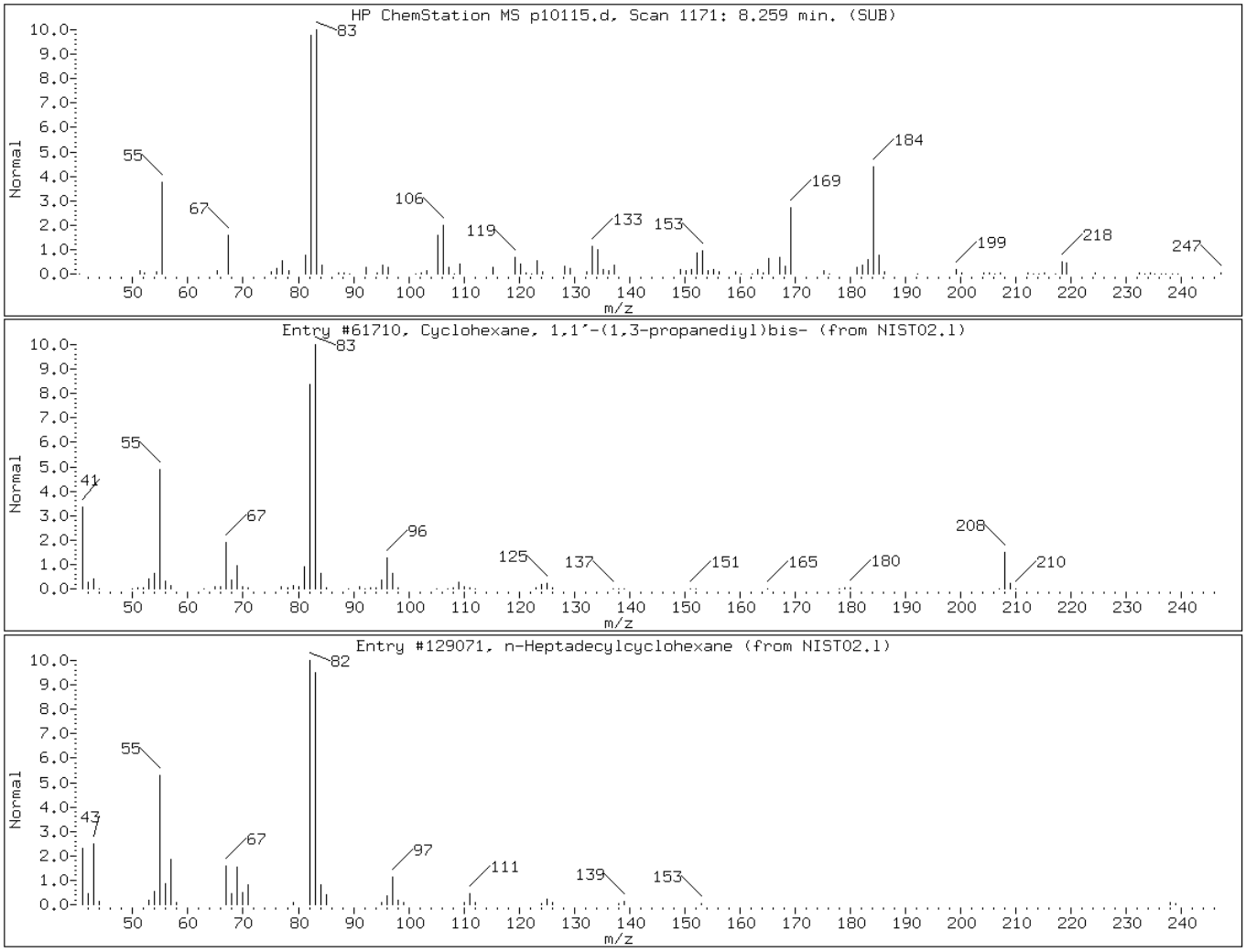
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 8.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-2						
Cyclohexane, 1,1'-(1,3-propanediyl	3178-24-3	NIST02.l	61710	25	C15H28	208
n-Heptadecylcyclohexane	19781-73-8	NIST02.l	129071	25	C23H46	322



Data File: p10115.d

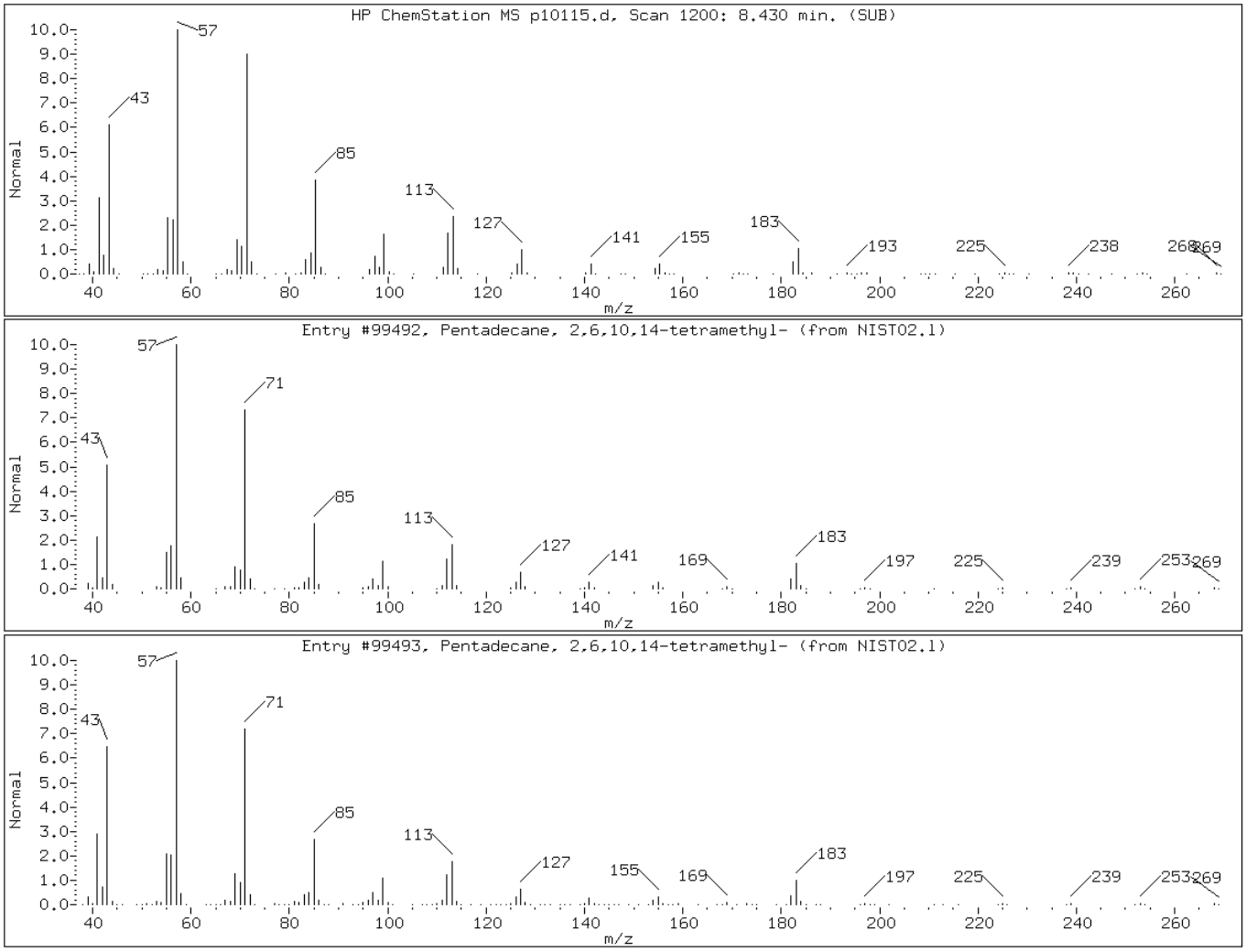
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 8.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	95	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	95	C19H40	268



Data File: p10115.d

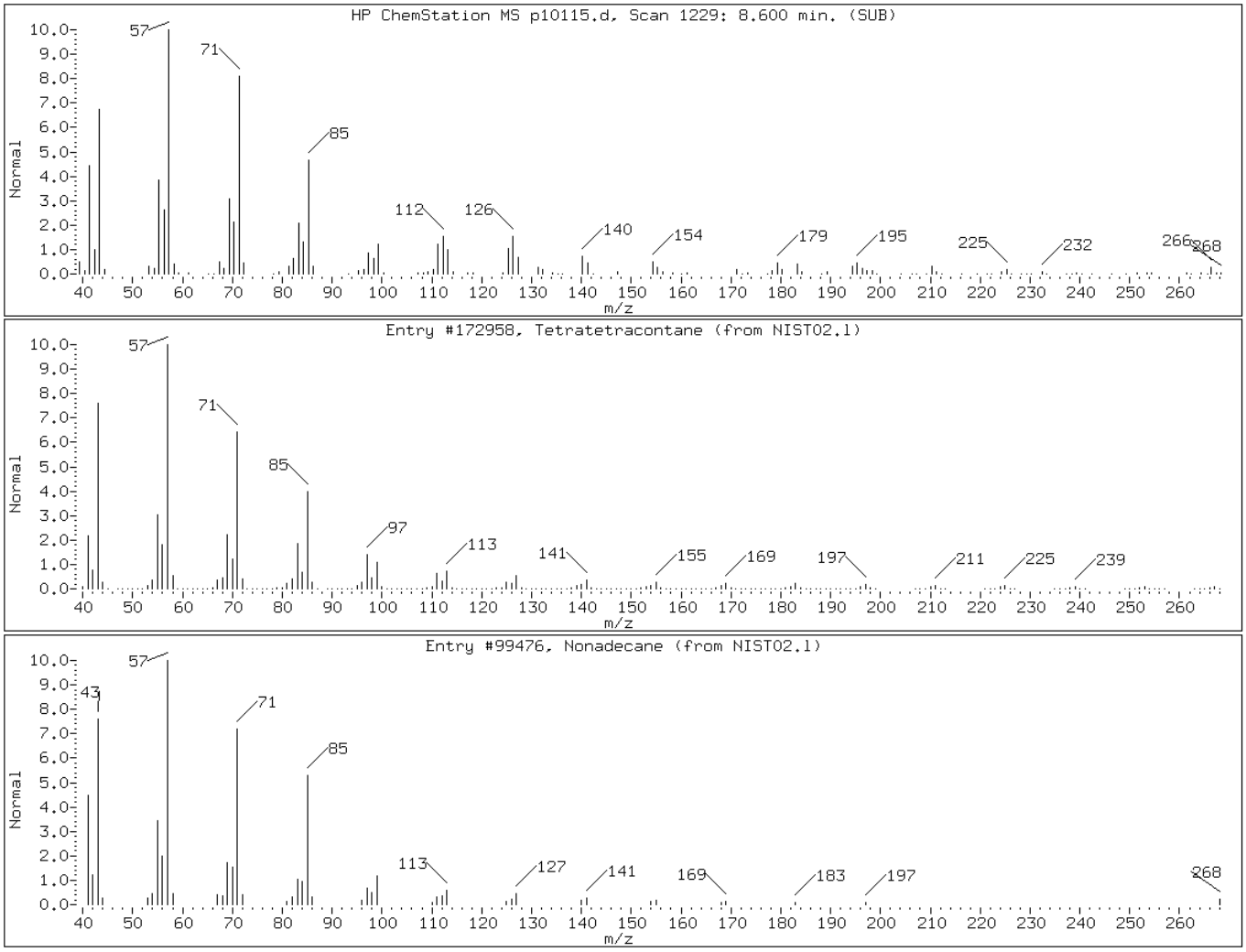
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 8.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Tetratetracontane	7098-22-8	NIST02.l	172958	80	C44H90	619
Nonadecane	629-92-5	NIST02.l	99476	64	C19H40	268



Data File: p10115.d

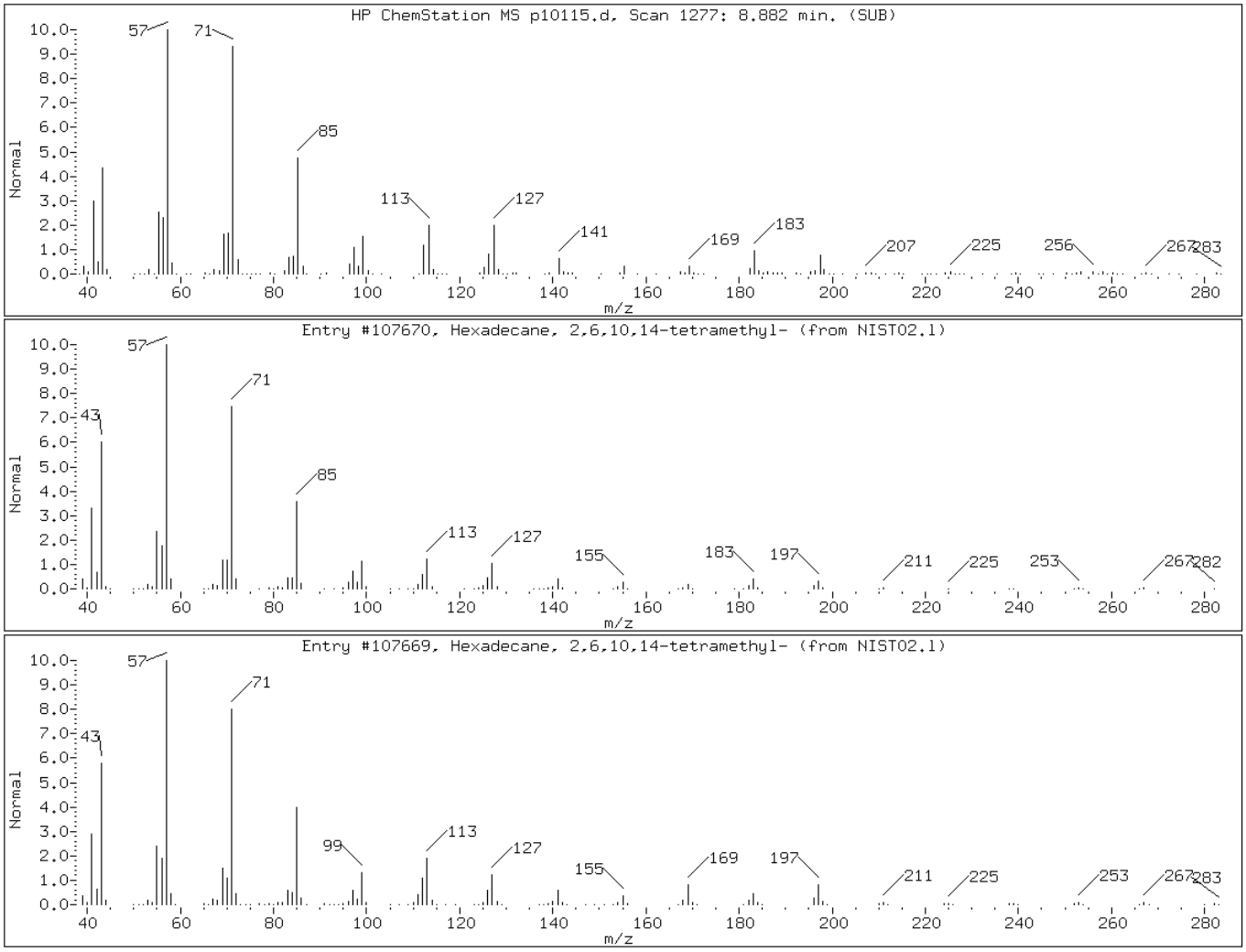
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 8.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	94	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107669	91	C20H42	282



Data File: p10115.d

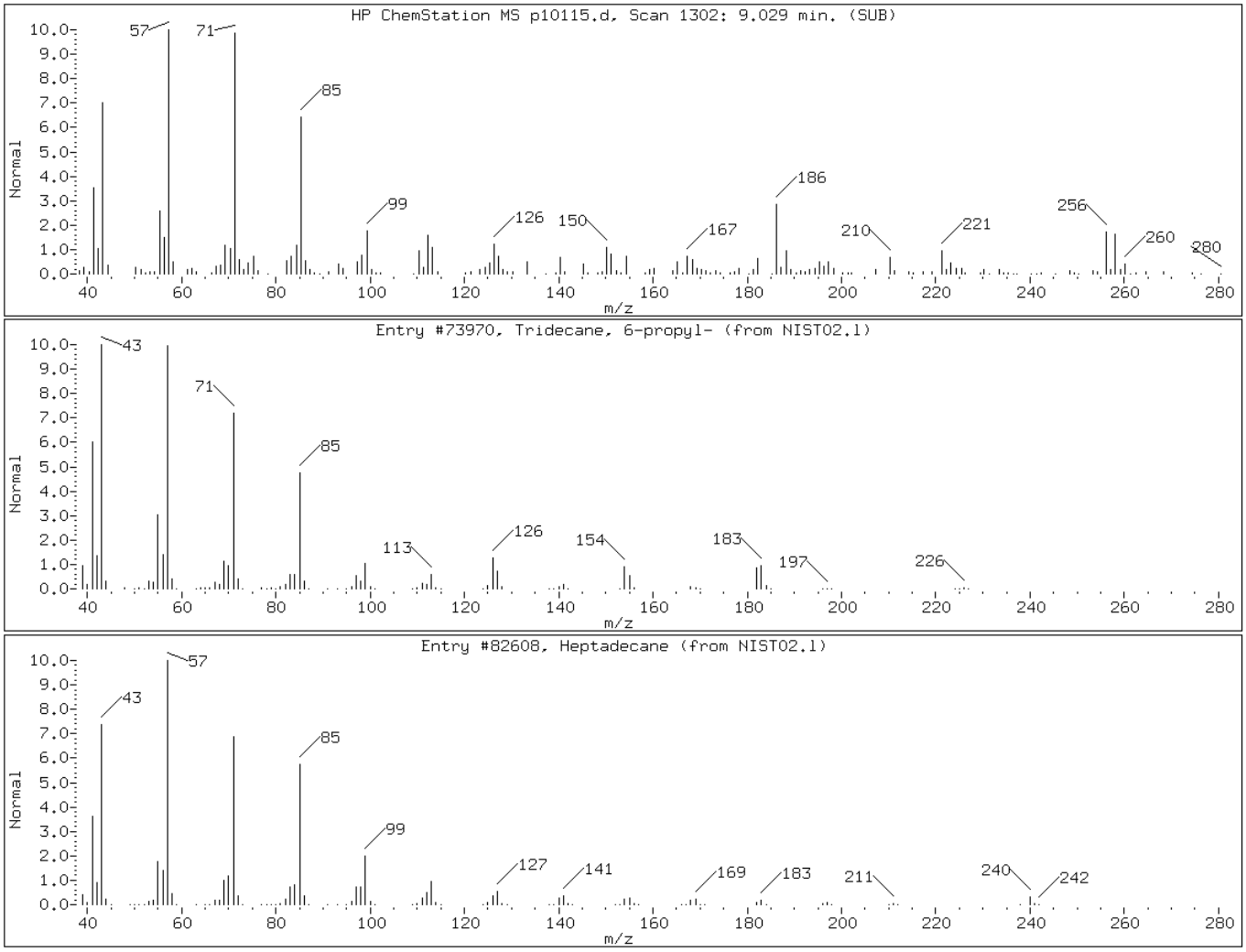
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 9.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Tridecane, 6-propyl-	55045-10-8	NIST02.l	73970	78	C16H34	226
Heptadecane	629-78-7	NIST02.l	82608	53	C17H36	240



Data File: p10115.d

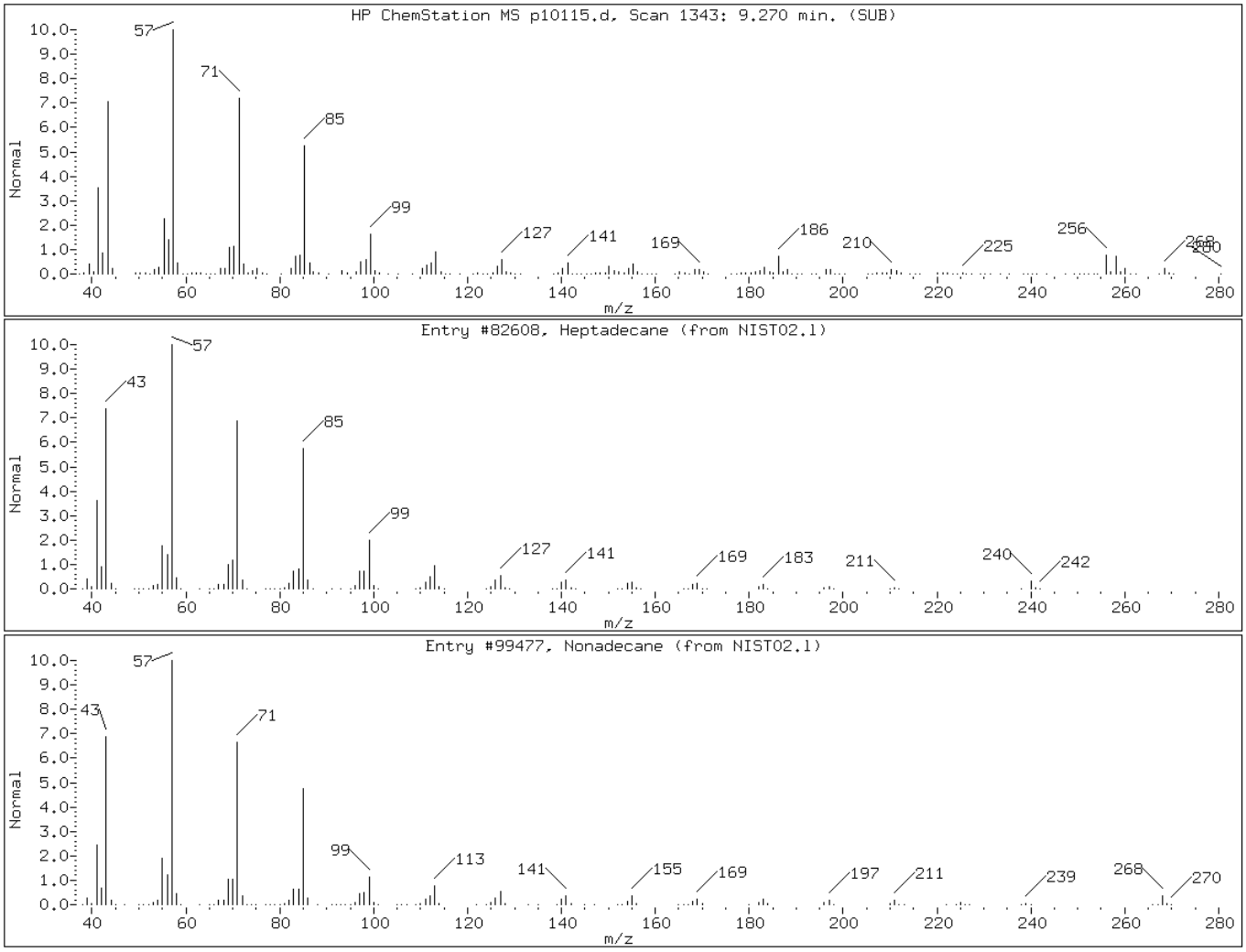
Date: 30-MAR-2011 07:25

Client ID: PMP-28-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-22-A Operator: BNAMS 4

Retention Time: 9.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-19						
Heptadecane	629-78-7	NIST02.l	82608	97	C17H36	240
Nonadecane	629-92-5	NIST02.l	99477	95	C19H40	268



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-WT-E (8-8.5) | Lab Sample ID: 460-24277-23

Matrix: Solid | Lab File ID: p10122.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:00

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.96(g) | Date Analyzed: 03/30/2011 10:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	780	U	780	95
95-57-8	2-Chlorophenol	780	U	780	100
95-48-7	2-Methylphenol	780	U	780	110
106-44-5	4-Methylphenol	780	U	780	130
100-52-7	Benzaldehyde	780	U	780	49
98-86-2	Acetophenone	780	U	780	120
111-44-4	Bis(2-chloroethyl)ether	78	U	78	16
108-60-1	2,2'-oxybis[1-chloropropane]	780	U	780	100
621-64-7	N-Nitrosodi-n-propylamine	78	U	78	10
98-95-3	Nitrobenzene	78	U	78	17
67-72-1	Hexachloroethane	78	U	78	13
78-59-1	Isophorone	780	U	780	89
88-75-5	2-Nitrophenol	780	U	780	130
105-67-9	2,4-Dimethylphenol	780	U	780	120
120-83-2	2,4-Dichlorophenol	780	U	780	120
111-91-1	Bis(2-chloroethoxy)methane	780	U	780	110
91-20-3	Naphthalene	780	U	780	110
106-47-8	4-Chloroaniline	780	U	780	98
87-68-3	Hexachlorobutadiene	160	U	160	32
105-60-2	Caprolactam	780	U	780	110
59-50-7	4-Chloro-3-methylphenol	780	U	780	130
91-57-6	2-Methylnaphthalene	780	U	780	110
118-74-1	Hexachlorobenzene	78	U	78	11
77-47-4	Hexachlorocyclopentadiene	780	U	780	230
88-06-2	2,4,6-Trichlorophenol	780	U	780	140
95-95-4	2,4,5-Trichlorophenol	780	U	780	150
92-52-4	Diphenyl	780	U	780	130
91-58-7	2-Chloronaphthalene	780	U	780	110
88-74-4	2-Nitroaniline	1600	U	1600	210
606-20-2	2,6-Dinitrotoluene	160	U	160	20
131-11-3	Dimethyl phthalate	780	U	780	110
208-96-8	Acenaphthylene	780	U	780	110
99-09-2	3-Nitroaniline	1600	U	1600	180
83-32-9	Acenaphthene	780	U	780	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-WT-E (8-8.5) | Lab Sample ID: 460-24277-23

Matrix: Solid | Lab File ID: p10122.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:00

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.96(g) | Date Analyzed: 03/30/2011 10:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2400	U	2400	200
51-28-5	2,4-Dinitrophenol	2400	U	2400	170
132-64-9	Dibenzofuran	780	U	780	120
84-66-2	Diethyl phthalate	780	U	780	100
86-73-7	Fluorene	780	U	780	130
206-44-0	Fluoranthene	780	U	780	130
84-74-2	Di-n-butyl phthalate	780	U	780	120
121-14-2	2,4-Dinitrotoluene	160	U	160	23
7005-72-3	4-Chlorophenyl phenyl ether	780	U	780	130
100-01-6	4-Nitroaniline	1600	U	1600	160
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	370
101-55-3	4-Bromophenyl phenyl ether	780	U	780	140
1912-24-9	Atrazine	780	U	780	150
120-12-7	Anthracene	780	U	780	140
86-74-8	Carbazole	780	U	780	120
85-01-8	Phenanthrene	780	U	780	140
87-86-5	Pentachlorophenol	2400	U	2400	380
129-00-0	Pyrene	260	J	780	130
218-01-9	Chrysene	780	U	780	110
207-08-9	Benzo[k]fluoranthene	78	U	78	11
191-24-2	Benzo[g,h,i]perylene	780	U	780	82
205-99-2	Benzo[b]fluoranthene	78	U	78	12
50-32-8	Benzo[a]pyrene	78	U	78	9.6
56-55-3	Benzo[a]anthracene	78	U	78	14
86-30-6	N-Nitrosodiphenylamine	780	U	780	130
85-68-7	Butyl benzyl phthalate	780	U	780	91
117-81-7	Bis(2-ethylhexyl) phthalate	780	U	780	100
117-84-0	Di-n-octyl phthalate	780	U	780	92
193-39-5	Indeno[1,2,3-cd]pyrene	78	U	78	12
53-70-3	Dibenz(a,h)anthracene	78	U	78	9.4
91-94-1	3,3'-Dichlorobenzidine	1600	U	1600	170
95-94-3	1,2,4,5-Tetrachlorobenzene	780	U	780	100
58-90-2	2,3,4,6-Tetrachlorophenol	780	U	780	160

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-WT-E (8-8.5) | Lab Sample ID: 460-24277-23

Matrix: Solid | Lab File ID: p10122.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:00

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.96(g) | Date Analyzed: 03/30/2011 10:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	101		38-105
4165-62-2	Phenol-d5	88		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	89		37-125
321-60-8	2-Fluorobiphenyl	88		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-WT-E (8-8.5) | Lab Sample ID: 460-24277-23

Matrix: Solid | Lab File ID: p10122.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:00

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.96(g) | Date Analyzed: 03/30/2011 10:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 161400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.79	6400	J
	Unknown-1	5.89	2900	J
	Unknown Alkane-2	6.17	9000	J
	Unknown-2	6.26	2900	J
	Unknown Alkane-3	6.34	6000	J
	Unknown-3	6.40	2400	J
	Unknown Alkane-4	6.44	2900	J
	Unknown Alkane-5	6.64	4100	J
	Unknown Alkane-7	6.93	5800	J
	Unknown-5	7.18	2700	J
	Unknown Alkane-8	7.25	8400	J
	Unknown Alkane-11	7.95	6400	J
	Unknown Alkane-12	8.17	6300	J
	Unknown-9	8.27	6900	J
	Unknown Alkane-13	8.44	30000	J
	Unknown Alkane-14	8.61	4800	J
593-45-3	n-Octadecane	8.86	23000	E
	Unknown-10	8.89	12000	J
	Unknown Alkane-15	9.28	12000	J
	Unknown Alkane-16	9.67	6500	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10122.d
Report Date: 03-Apr-2011 11:45

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10122.d
Lab Smp Id: 460-24277-F-23-A Client Smp ID: PMP-28-WT-E (8-8.5)
Inj Date : 30-MAR-2011 10:34
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-23-A
Misc Info : 460-24277-F-23-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 52
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.96000	Weight of sample extracted (g)
M	14.70180	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.895	2.883	(0.676)	444471	44.6425	7000
$ 17 Phenol-d5 (SUR)	99	3.912	3.923	(0.914)	495556	43.8226	6900
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	314565	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.864)	250264	25.1682	3900
30 1,2,4-Trichlorobenzene	180	5.604	5.604	(0.991)	65644	7.25844	1100(H)
* 80 Naphthalene-d8	136	5.657	5.657	(1.000)	1026037	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.791	6.785	(0.910)	344799	22.0827	3500
* 82 Acenaphthene-d10	164	7.461	7.454	(1.000)	478322	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.254	8.242	(1.106)	58109	35.6154	5600
* 83 Phenanthrene-d10	188	8.929	8.917	(1.000)	742700	40.0000	
115 n-Octadecane	57	8.859	8.847	(0.992)	1397661	147.228	23000(A)
57 Pyrene	202	10.328	10.328	(0.891)	34961	1.68143	260(a)
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	270546	21.5427	3400

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10122.d
Report Date: 03-Apr-2011 11:45

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	571432	40.0000	
* 84 Perylene-d12	264	13.418	13.424	(1.000)	487304	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10122.d
Report Date: 03-Apr-2011 11:45

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10122.d
Lab Smp Id: 460-24277-F-23-A Client Smp ID: PMP-28-WT-E (8-8.5)
Inj Date : 30-MAR-2011 10:34
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-23-A
Misc Info : 460-24277-F-23-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 52
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.96000	Weight of sample extracted (g)
M	14.70180	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.657	6900751	40.000
* 82 Acenaphthene-d10	7.461	11139607	40.000
* 83 Phenanthrene-d10	8.929	3705857	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1					CAS #:		
5.792	7093934	41.1197761	6400	0		0	80

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10122.d
Report Date: 03-Apr-2011 11:45

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-1				CAS #:			
5.886	3245671	18.8134374	2900	0		0	80
Unknown Alkane-2				CAS #:			
6.168	9911768	57.4532678	9000	0		0	80
Unknown-2				CAS #:			
6.256	3173573	18.3955241	2900	0		0	80
Unknown Alkane-3				CAS #:			
6.344	6576028	38.1177528	6000	0		0	80
Unknown-3				CAS #:			
6.403	2649267	15.3564001	2400	0		0	80
Unknown Alkane-4				CAS #:			
6.444	3162043	18.3286892	2900	0		0	80
Unknown Alkane-5				CAS #:			
6.638	7251601	26.0389818	4100	0		0	82
Unknown Alkane-6				CAS #:			
6.755	3023755	10.8576696	1700	0		0	82
Unknown-4				CAS #:			
6.867	3702672	13.2955215	2100	0		0	82
Unknown Alkane-7				CAS #:			
6.926	10353302	37.1765400	5800	0		0	82
Unknown-5				CAS #:			
7.178	4870537	17.4890795	2700	0		0	82
Unknown Alkane-8				CAS #:			
7.249	14895027	53.4849236	8400	0		0	82
Unknown-6				CAS #:			
7.372	3569521	12.8174015	2000	0		0	82
Unknown Alkane-9				CAS #:			
7.678	3049705	10.9508541	1700	0		0	82
Unknown-7				CAS #:			
7.713	3036006	10.9016621	1700	0		0	82

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10122.d
Report Date: 03-Apr-2011 11:45

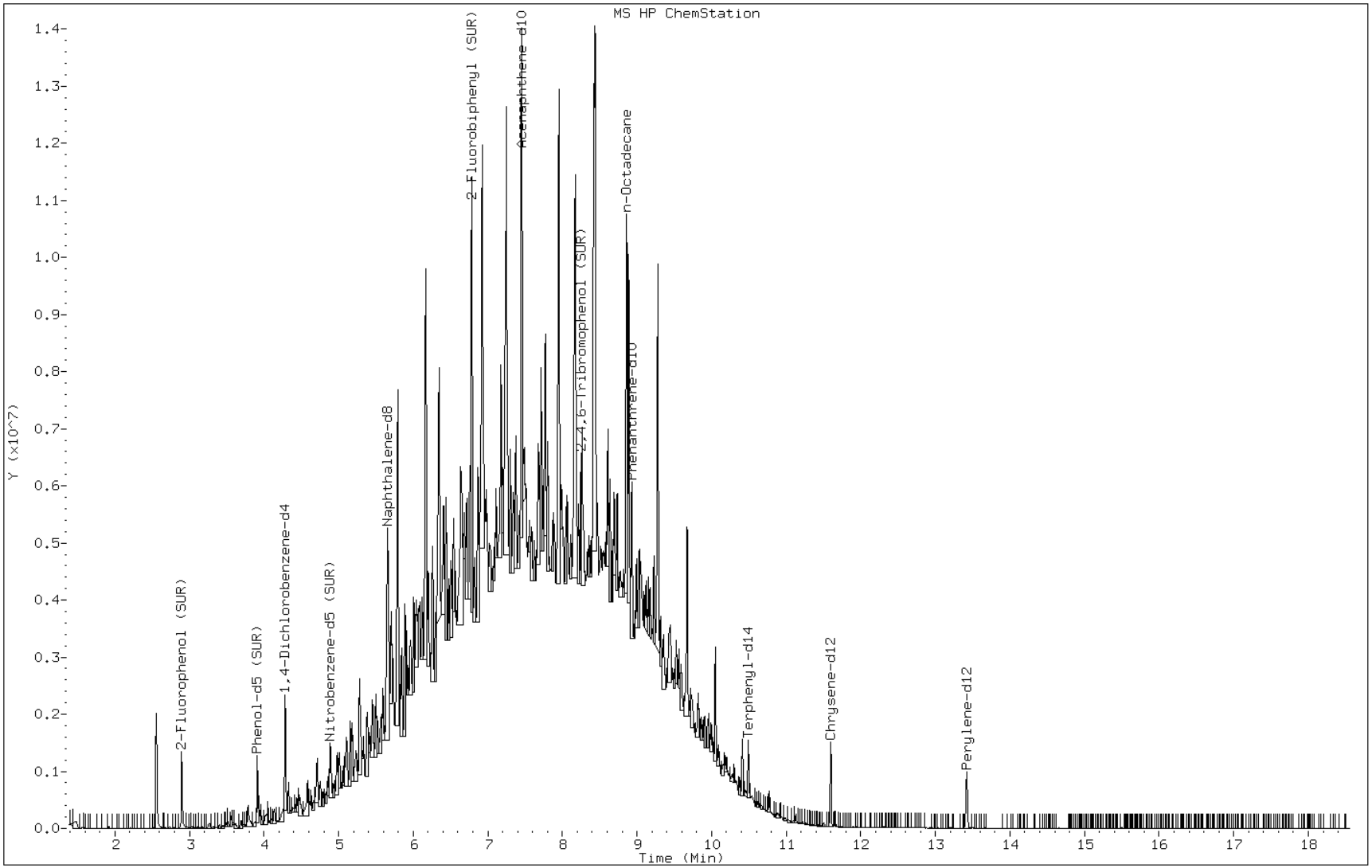
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-10				CAS #:			
7.772	3744924	13.4472372	2100	0		0	82
Unknown-8				CAS #:			
7.807	2802392	10.0628016	1600	0		0	82
Unknown Alkane-11				CAS #:			
7.954	11309285	40.6092767	6400	0		0	82
Unknown Alkane-12				CAS #:			
8.171	11242191	40.3683556	6300	0		0	82
Unknown-9				CAS #:			
8.265	4079862	44.0369065	6900	0		0	83
Unknown Alkane-13				CAS #:			
8.436	17811837	192.256060	30000	0		0	83
Unknown Alkane-14				CAS #:			
8.606	2834699	30.5969584	4800	0		0	83
Unknown-10				CAS #:			
8.888	7189742	77.6040927	12000	0		0	83
Unknown Alkane-15				CAS #:			
9.276	7240193	78.1486456	12000	0		0	83
Unknown Alkane-16				CAS #:			
9.670	3857563	41.6374734	6500	0		0	83

Data File: p10122.d

Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4



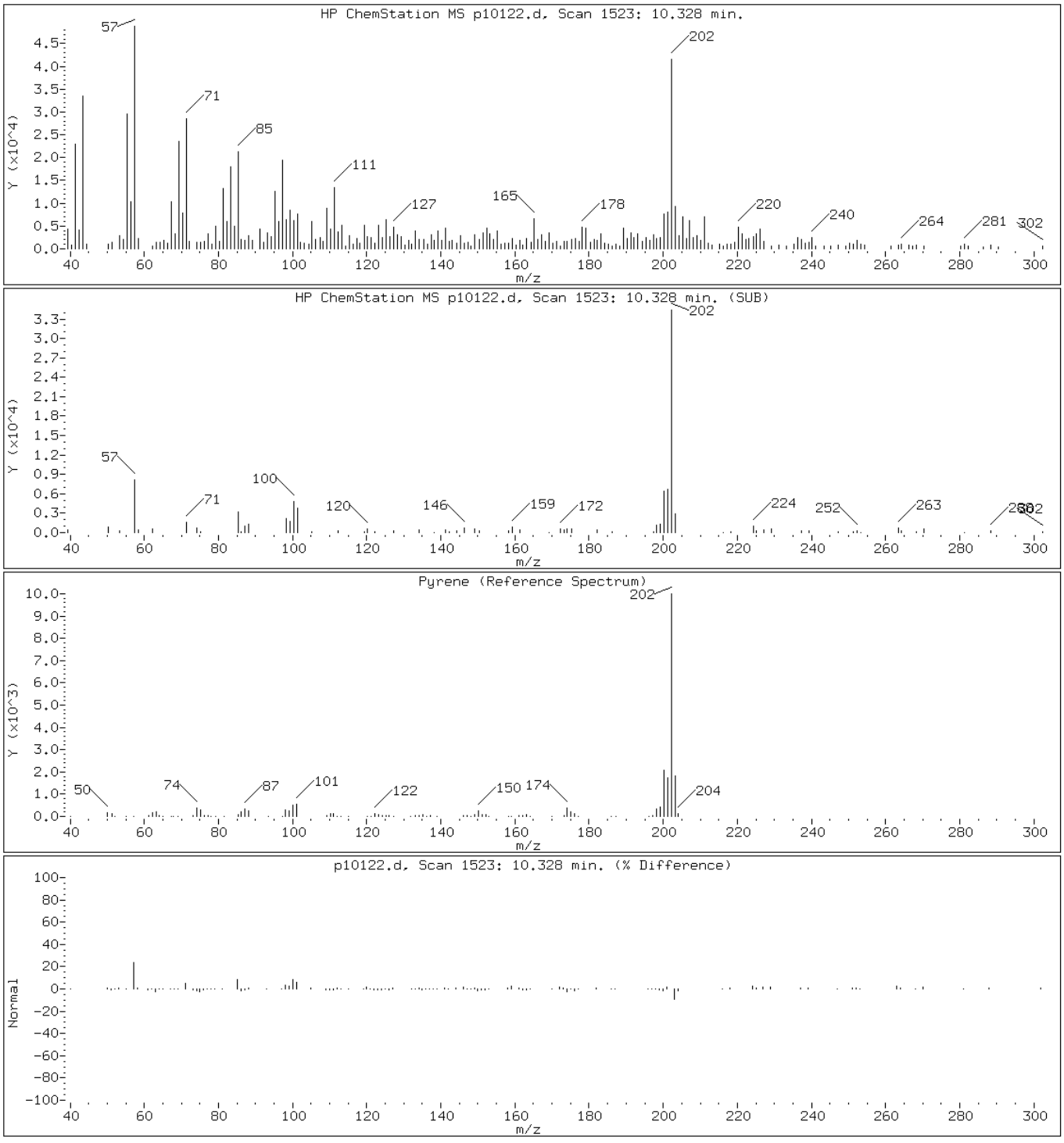
Data File: p10122.d

Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

57 Pyrene



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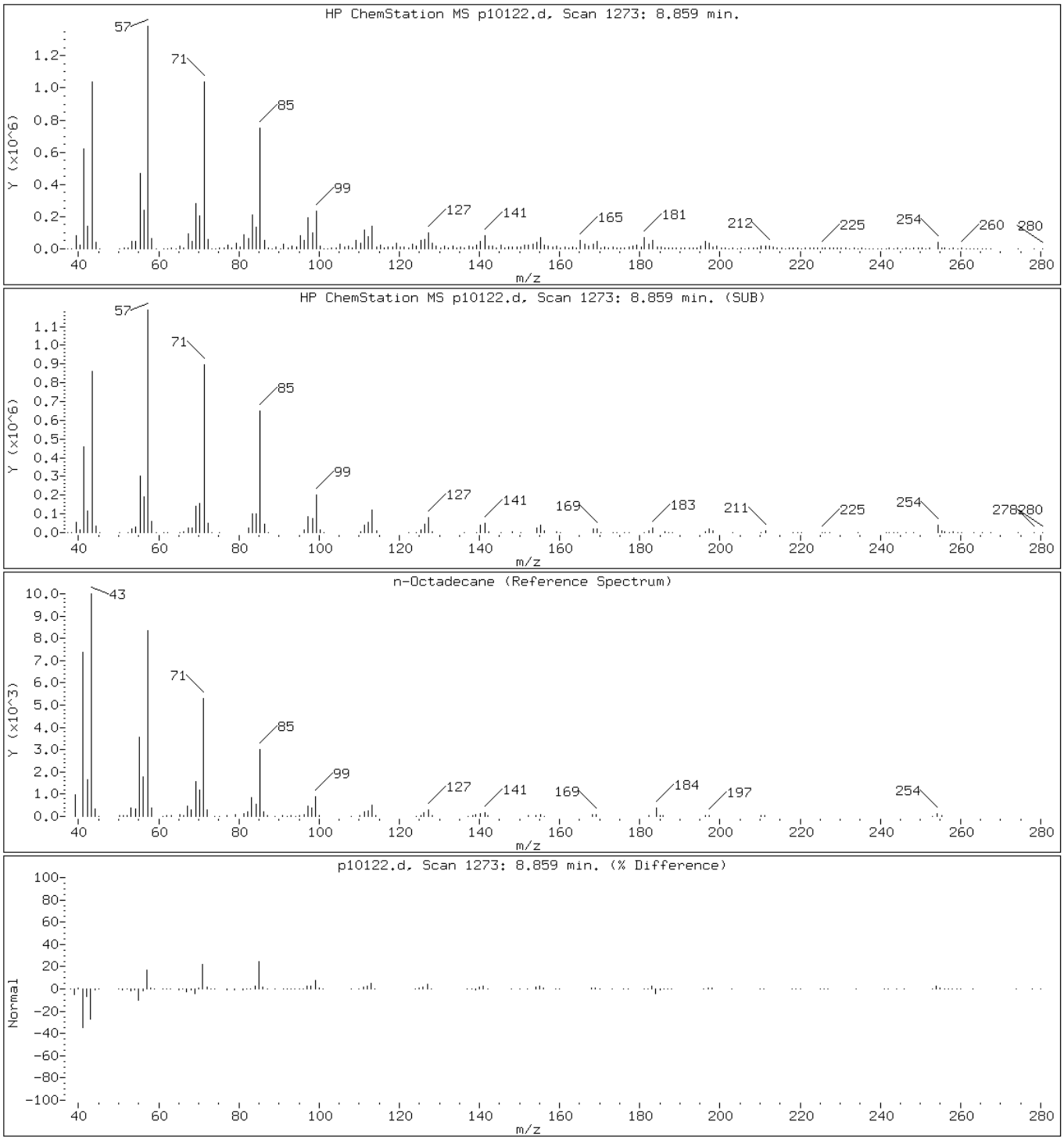
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

115 n-Octadecane



Data File: p10122.d

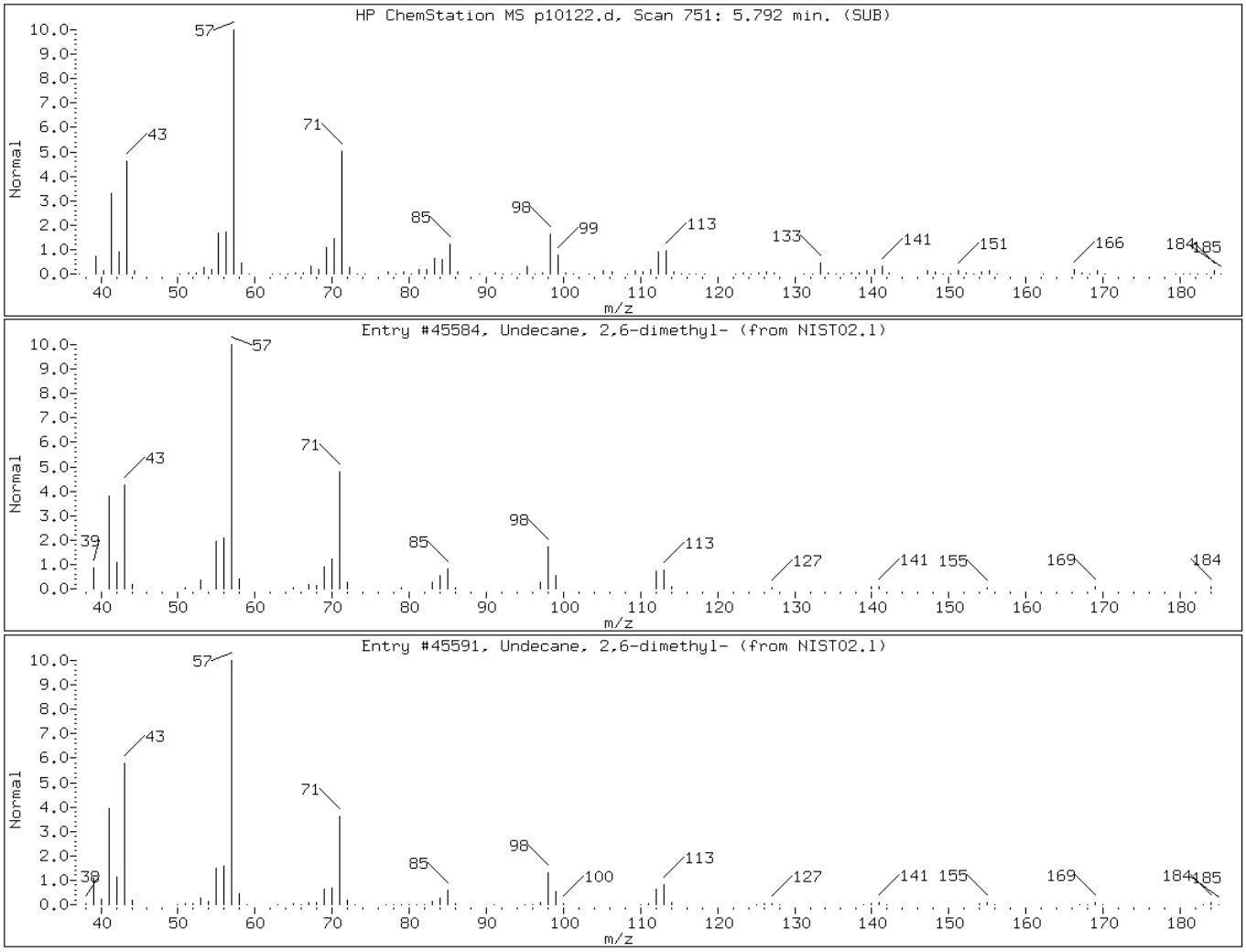
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 5.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	97	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	90	C13H28	184



Data File: p10122.d

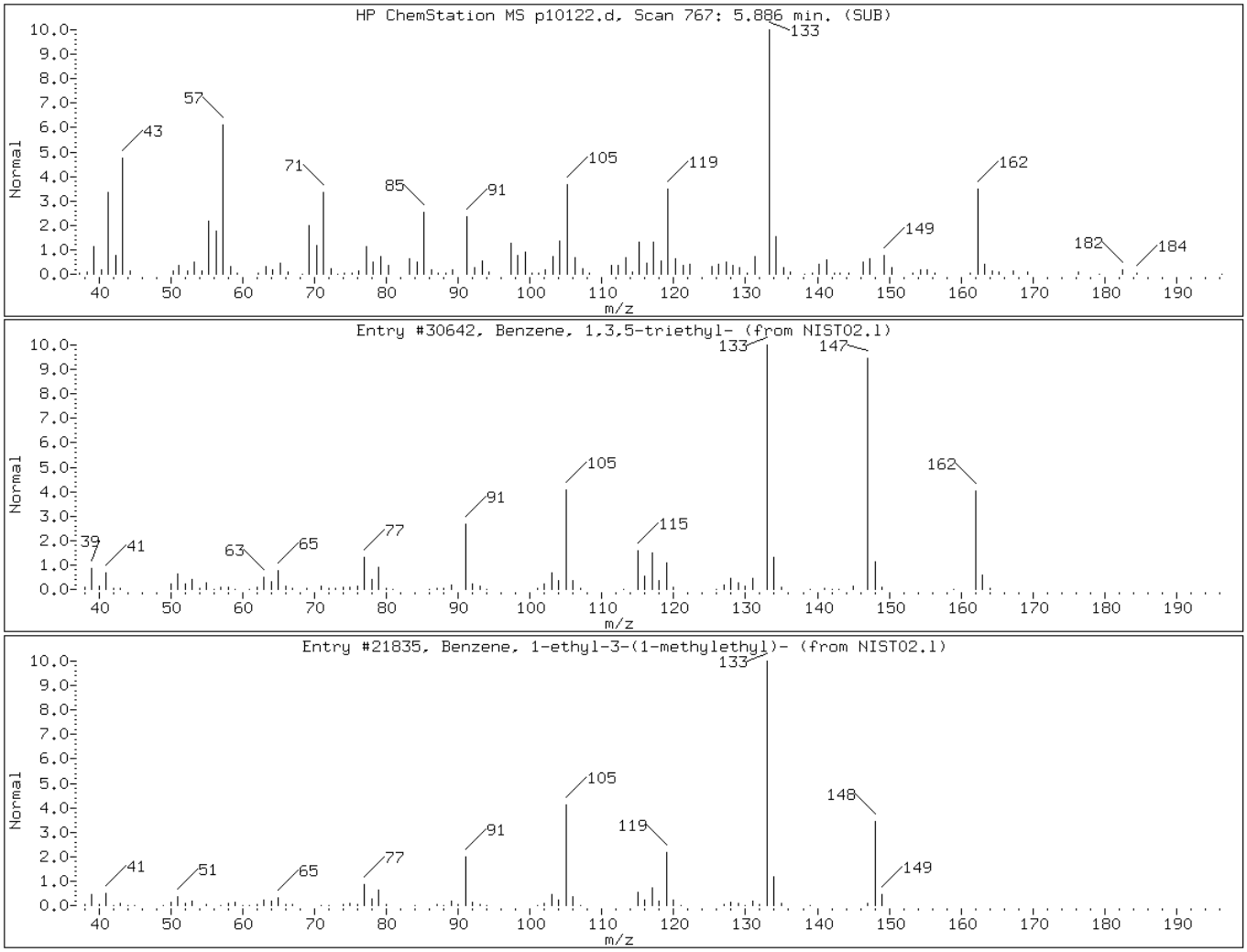
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 5.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Benzene, 1,3,5-triethyl-	102-25-0	NIST02.l	30642	58	C12H18	162
Benzene, 1-ethyl-3-(1-methylethyl)	4920-99-4	NIST02.l	21835	52	C11H16	148



Data File: p10122.d

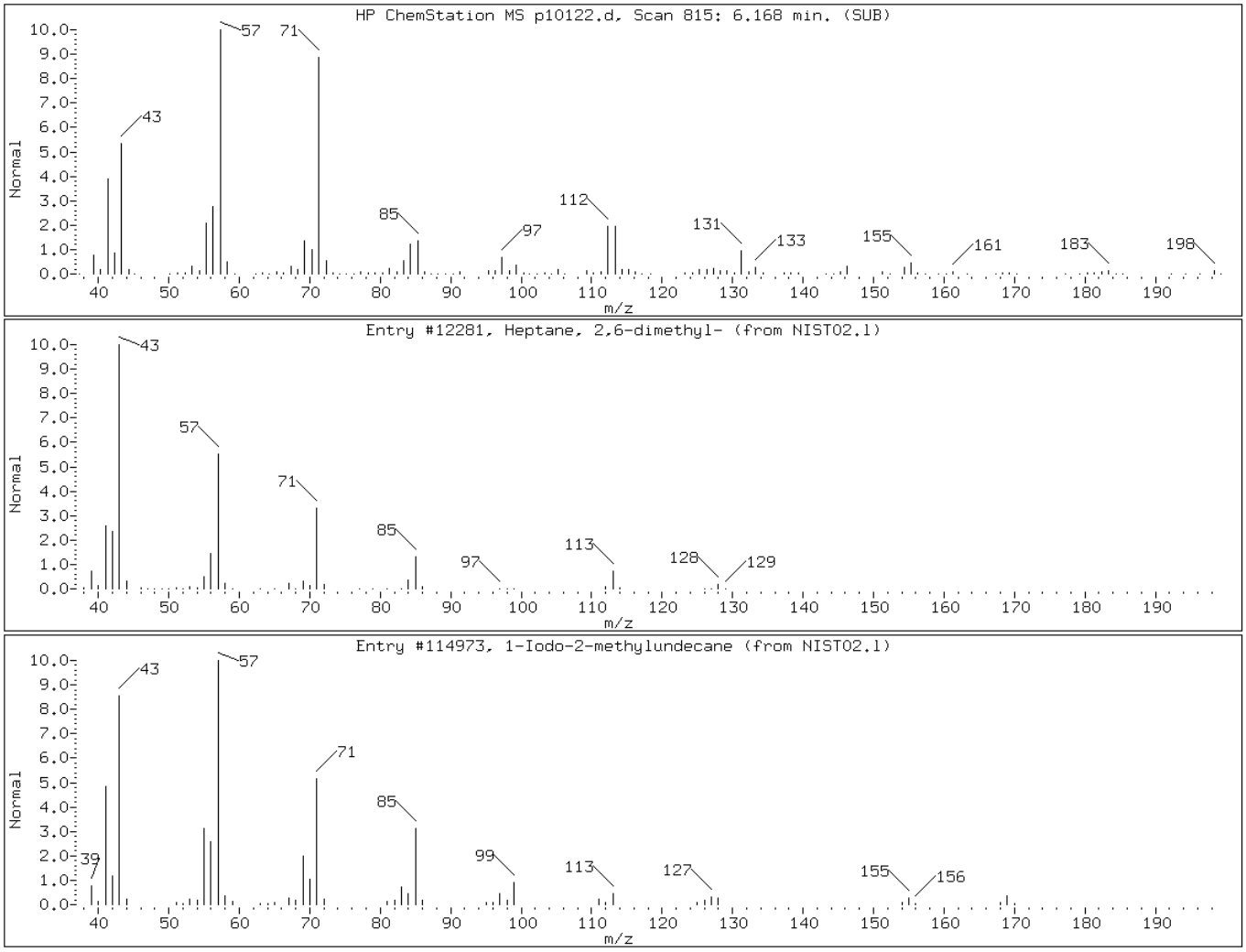
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 6.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Heptane, 2,6-dimethyl-	1072-05-5	NIST02.l	12281	58	C9H20	128
1-Iodo-2-methylundecane	73105-67-6	NIST02.l	114973	53	C12H25I	296



Data File: p10122.d

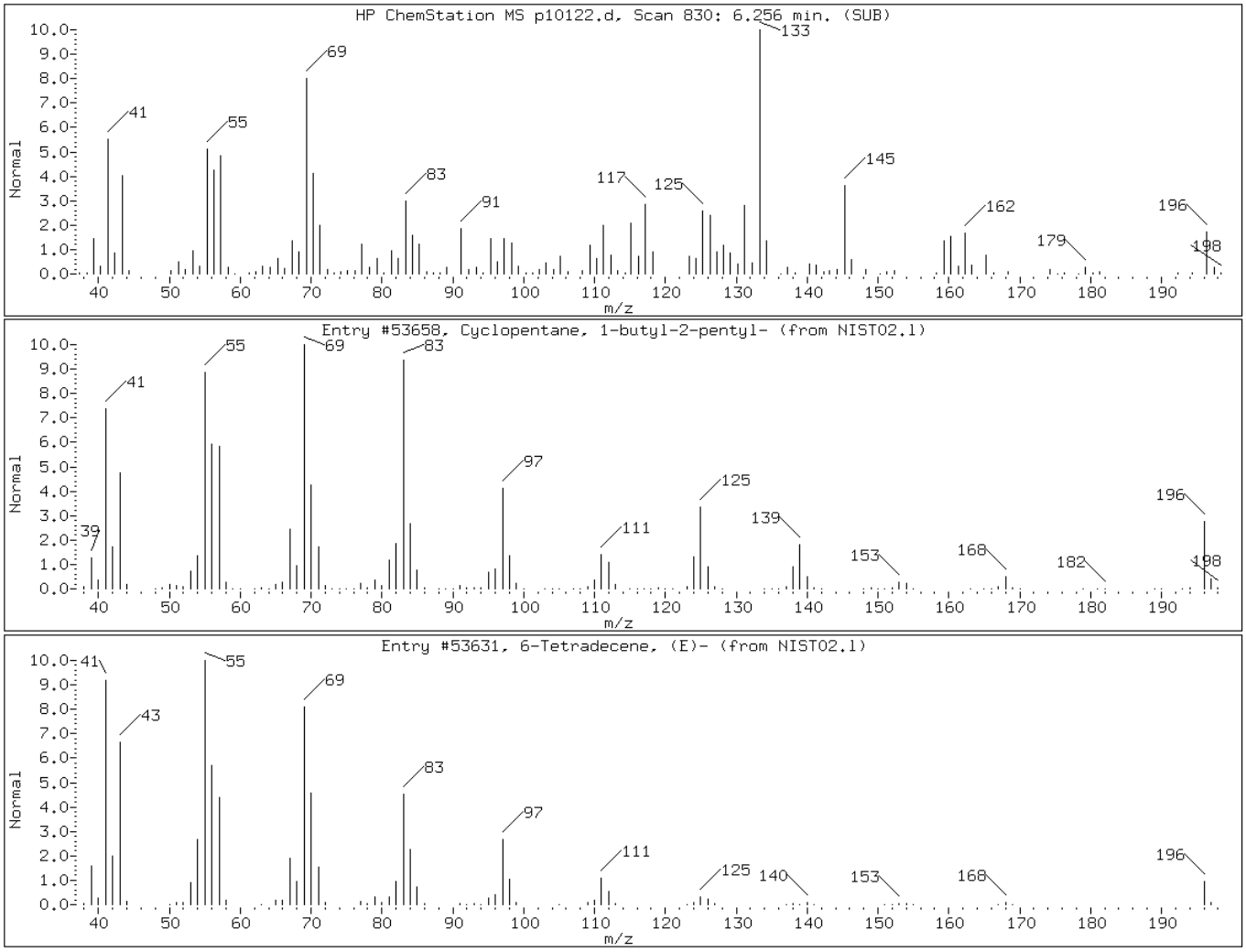
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 6.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Cyclopentane, 1-butyl-2-pentyl-	61142-52-7	NIST02.l	53658	38	C14H28	196
6-Tetradecene, (E)-	41446-64-4	NIST02.l	53631	30	C14H28	196



Data File: p10122.d

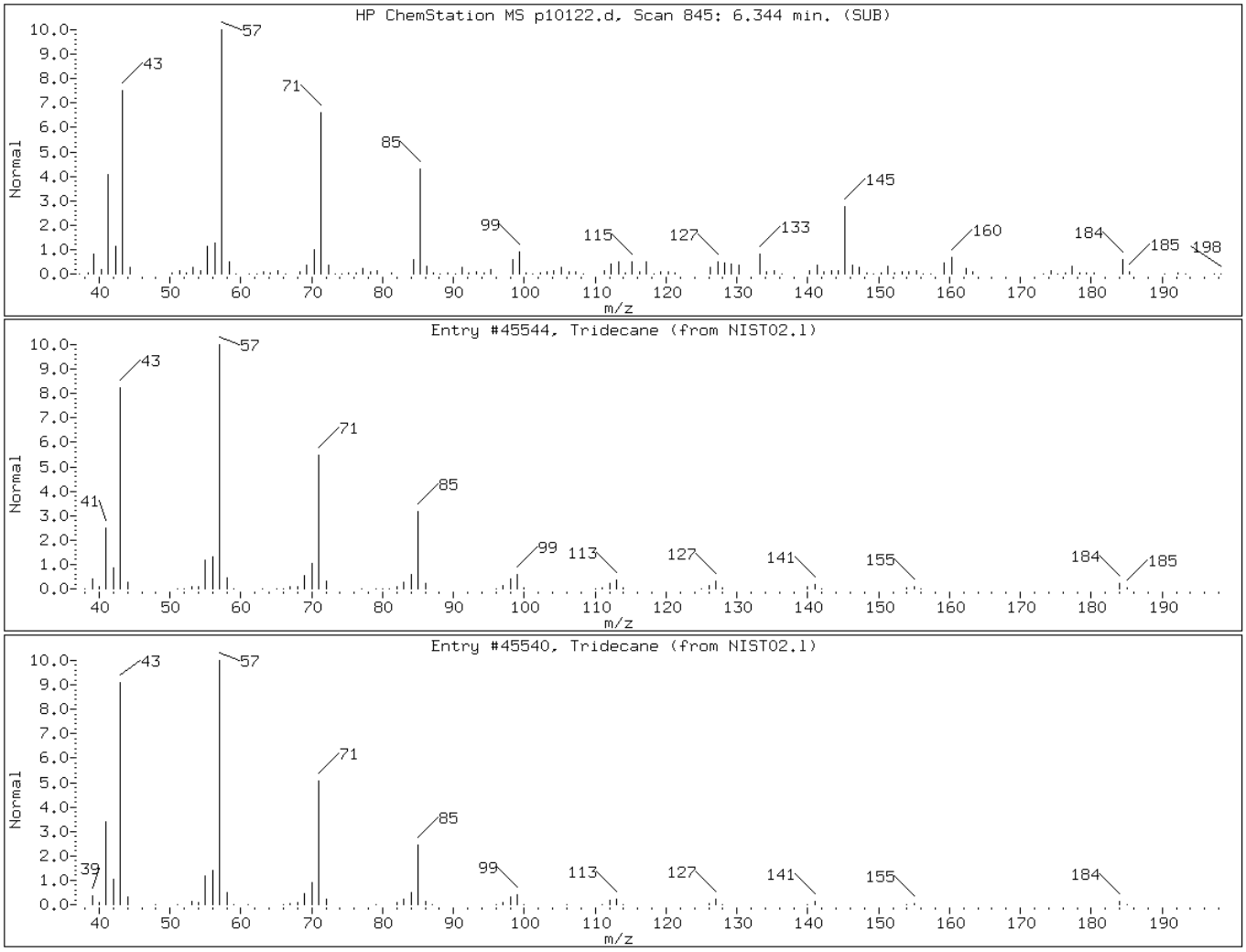
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 6.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tridecane	629-50-5	NIST02.l	45544	95	C13H28	184
Tridecane	629-50-5	NIST02.l	45540	93	C13H28	184



Data File: p10122.d

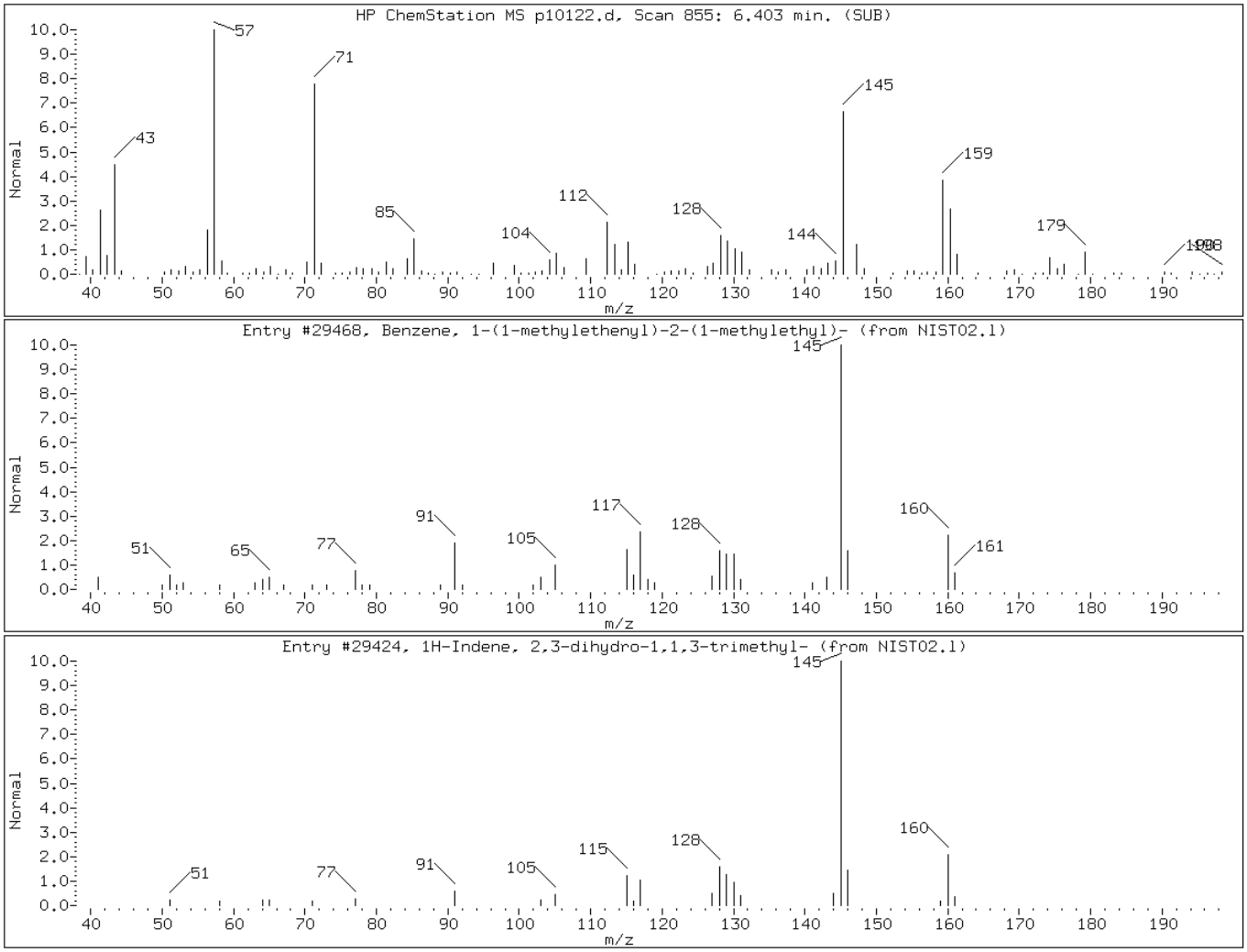
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 6.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Benzene, 1-(1-methylethenyl)-2-(1-	5557-93-7	NIST02.l	29468	38	C12H16	160
1H-Indene, 2,3-dihydro-1,1,3-trime	2613-76-5	NIST02.l	29424	38	C12H16	160



Data File: p10122.d

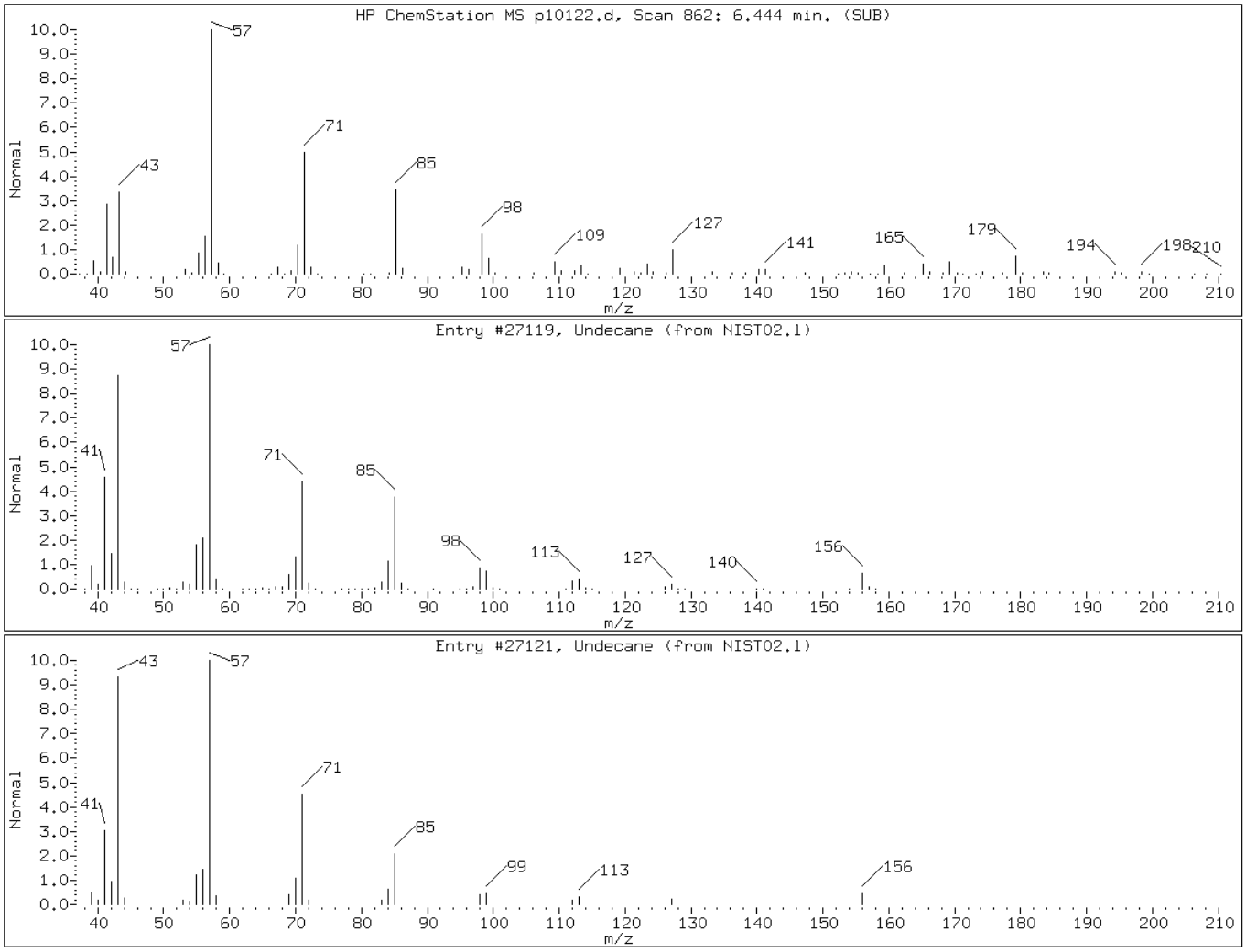
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 6.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Undecane	1120-21-4	NIST02.l	27119	53	C11H24	156
Undecane	1120-21-4	NIST02.l	27121	53	C11H24	156



Data File: p10122.d

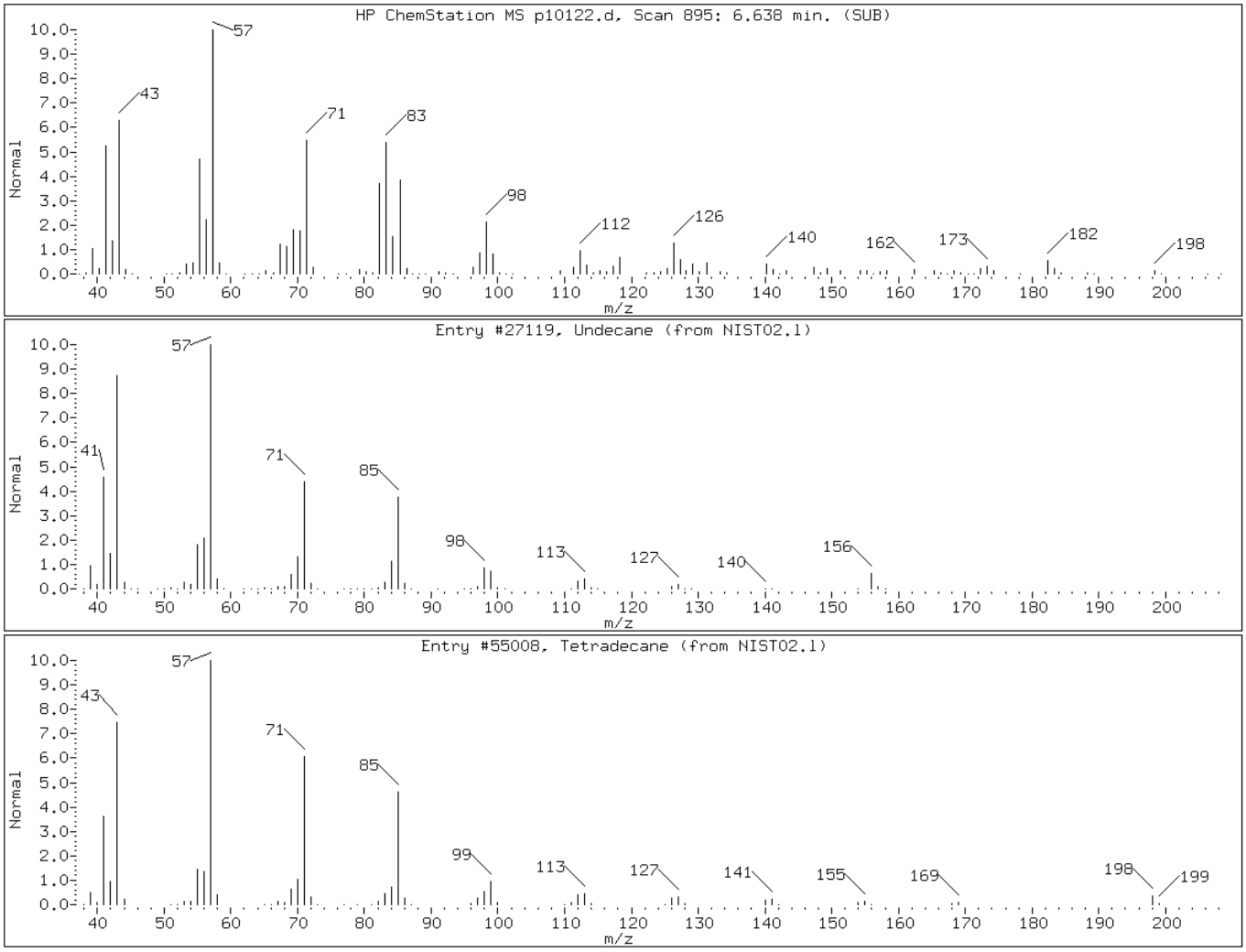
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 6.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Undecane	1120-21-4	NIST02.l	27119	49	C11H24	156
Tetradecane	629-59-4	NIST02.l	55008	45	C14H30	198



Data File: p10122.d

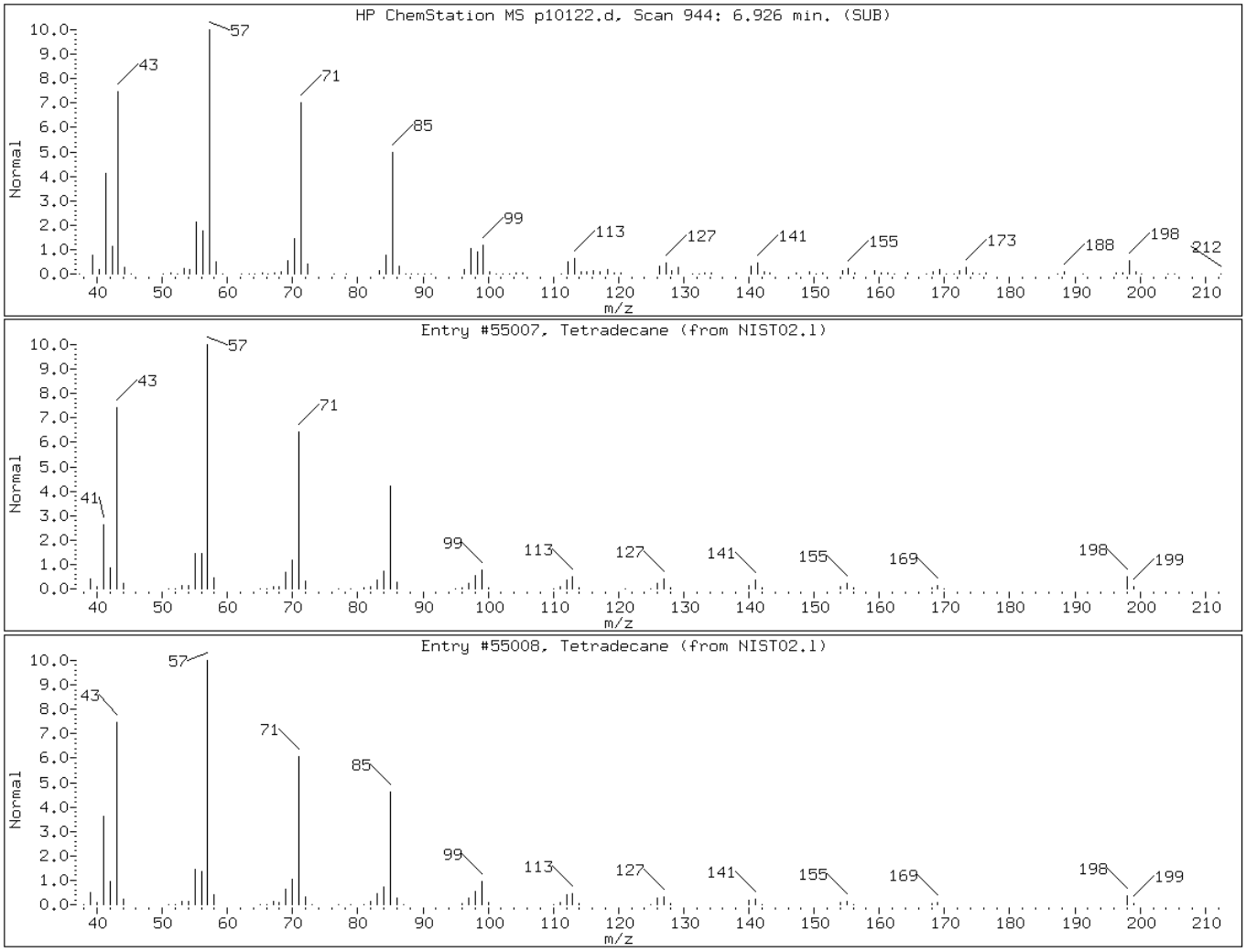
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 6.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetradecane	629-59-4	NIST02.l	55007	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55008	98	C14H30	198



Data File: p10122.d

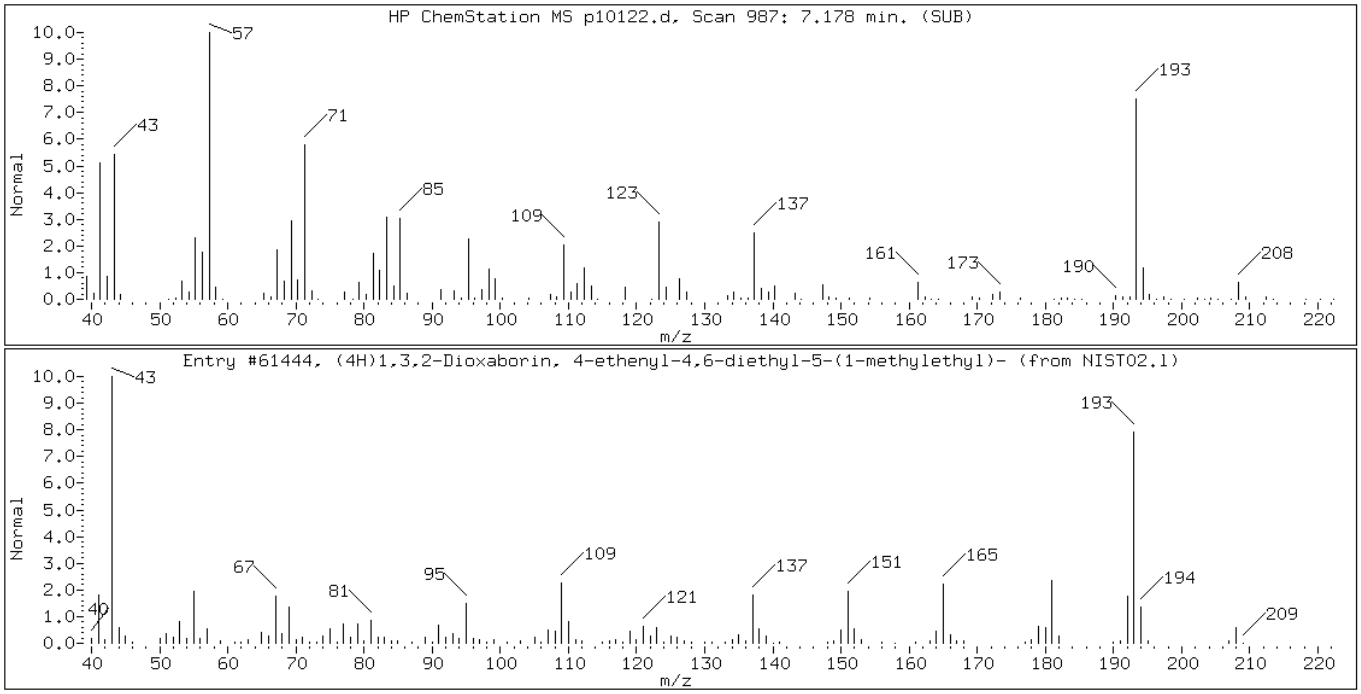
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 7.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
(4H)1,3,2-Dioxaborin, 4-ethenyl-4,	1000062-14-4	NIST02.l	61444	43	C12H21BO2	208



Data File: p10122.d

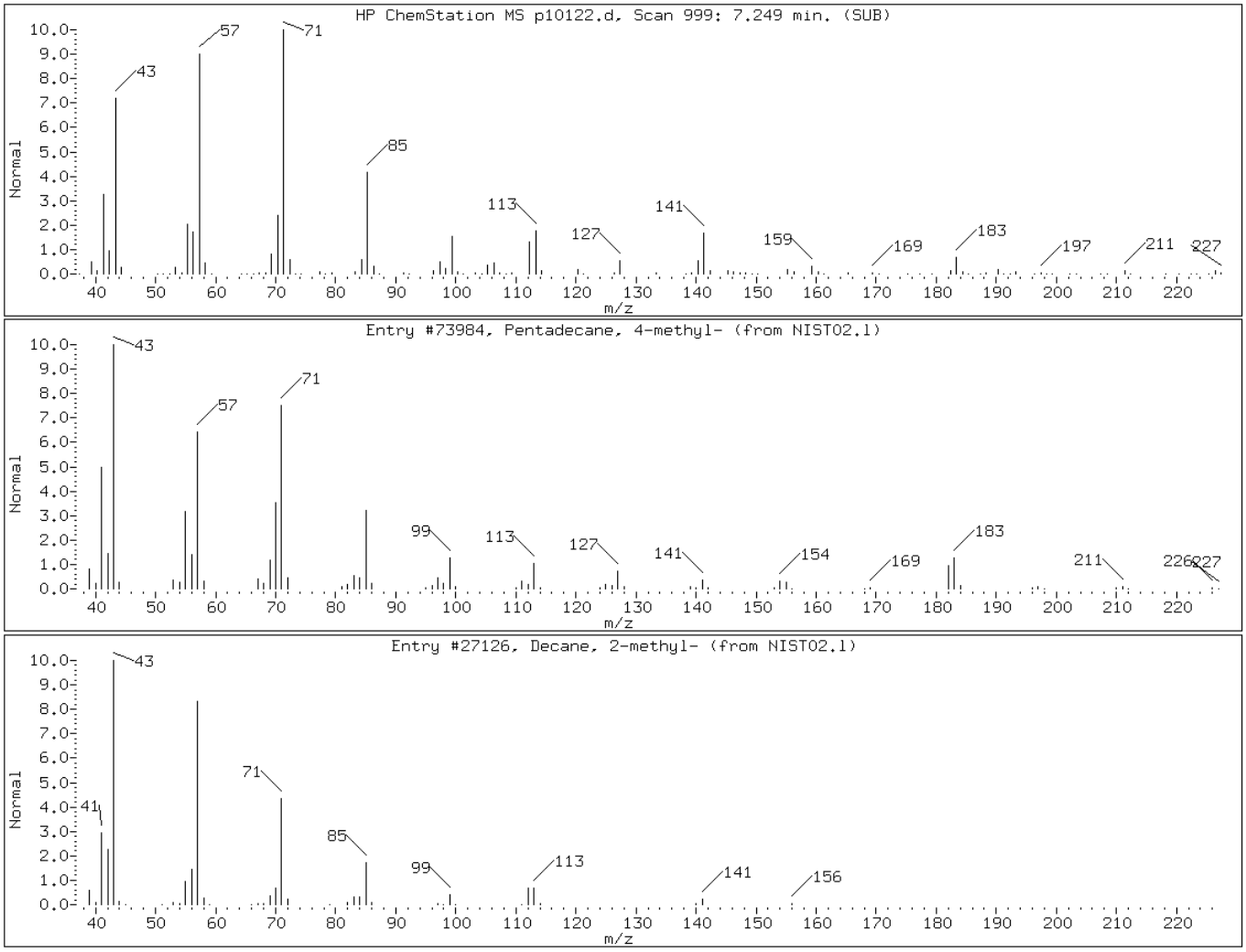
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 7.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane, 4-methyl-	2801-87-8	NIST02.l	73984	81	C16H34	226
Decane, 2-methyl-	6975-98-0	NIST02.l	27126	72	C11H24	156



Data File: p10122.d

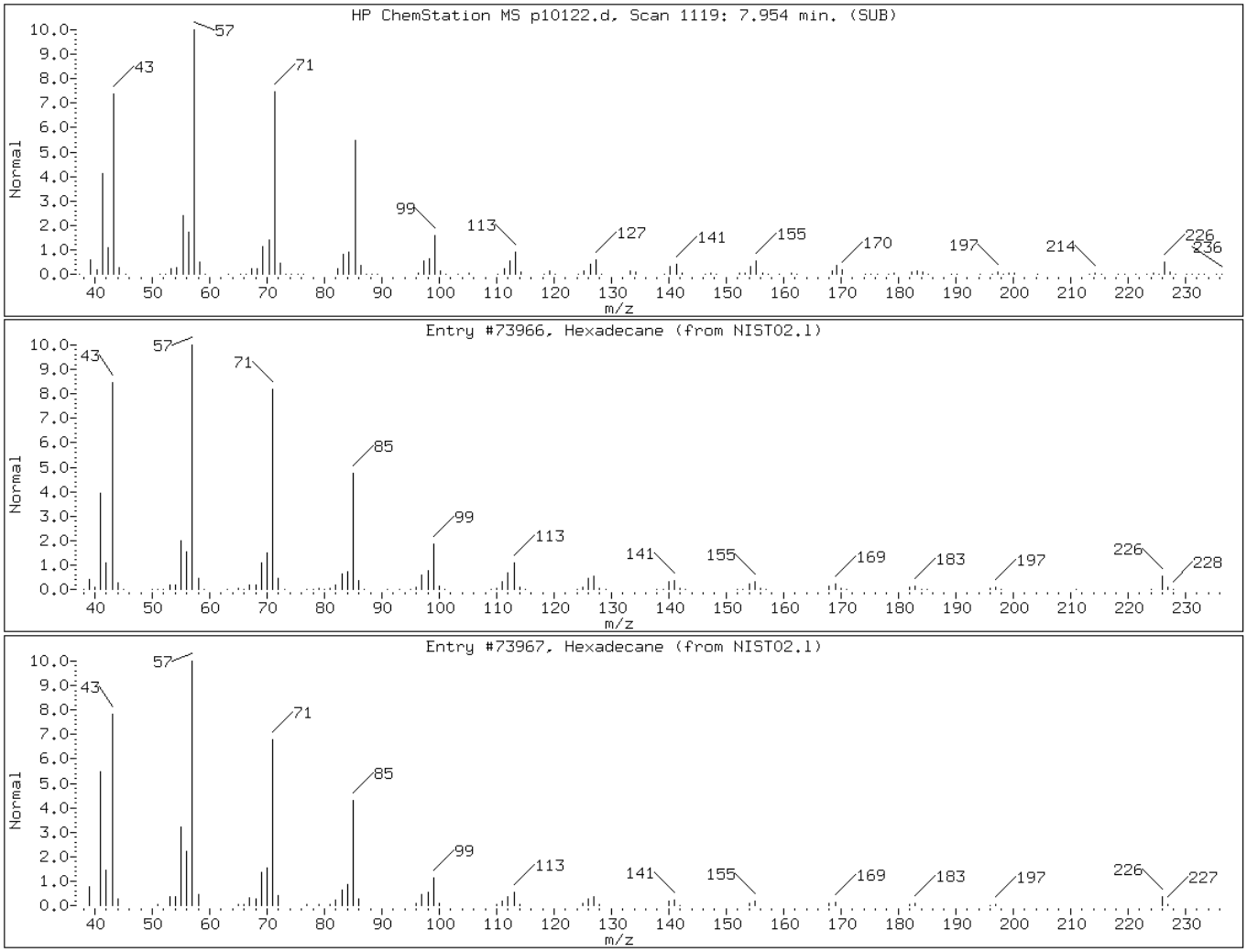
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 7.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane	544-76-3	NIST02.l	73966	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73967	97	C16H34	226



Data File: p10122.d

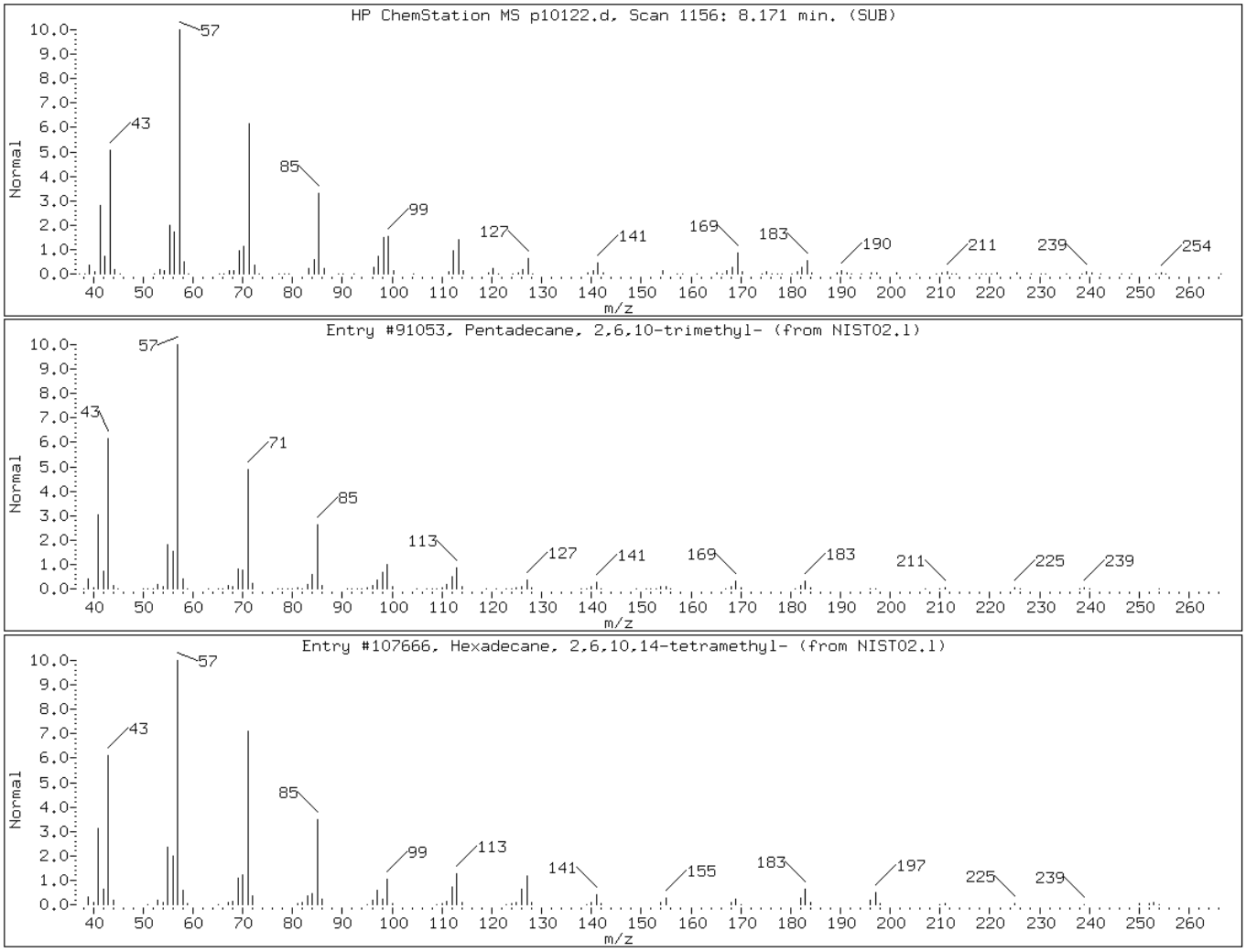
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 8.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	90	C18H38	254
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	83	C20H42	282



Data File: p10122.d

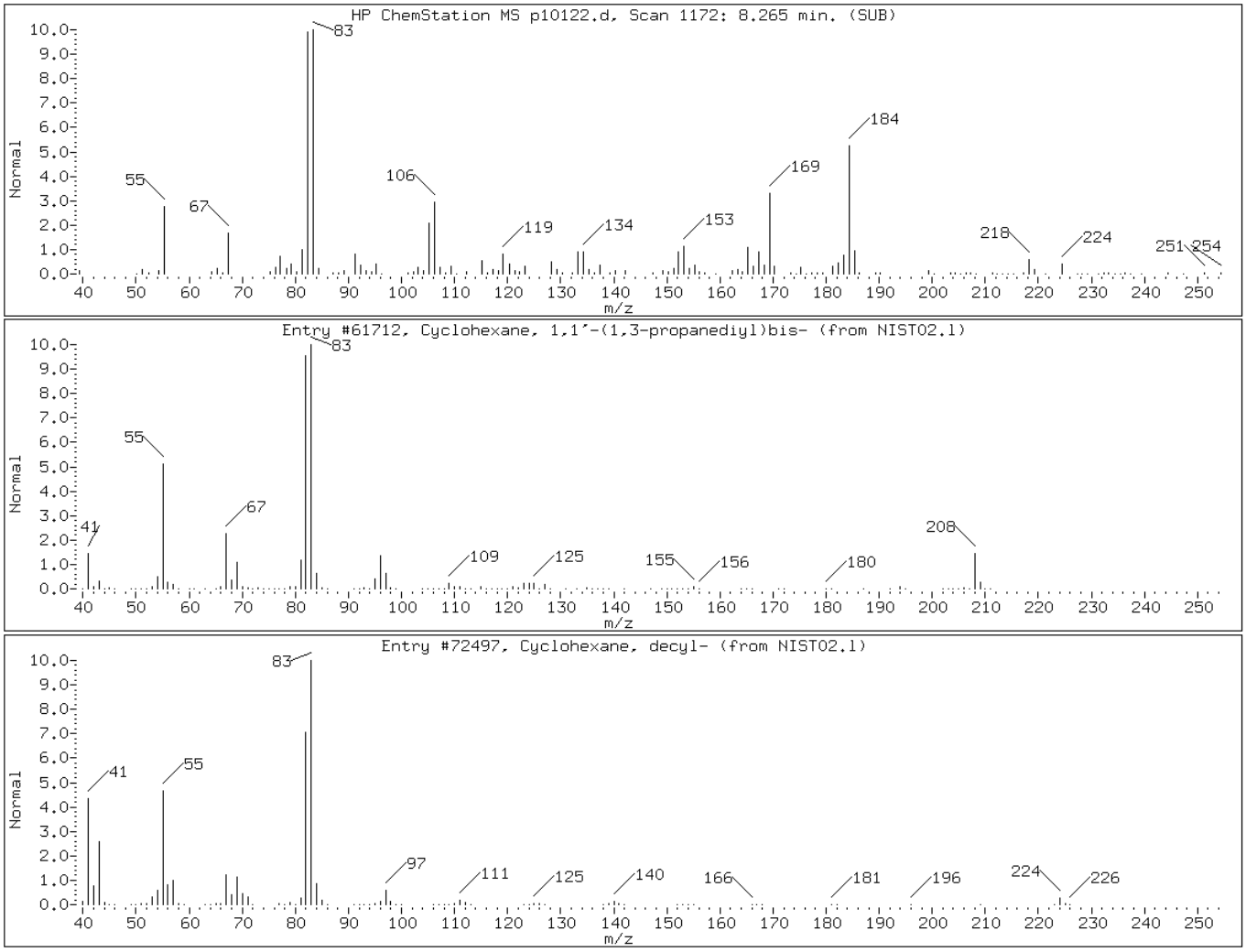
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 8.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-9						
Cyclohexane, 1,1'-(1,3-propanediyl	3178-24-3	NIST02.l	61712	43	C15H28	208
Cyclohexane, decyl-	1795-16-0	NIST02.l	72497	43	C16H32	224



Data File: p10122.d

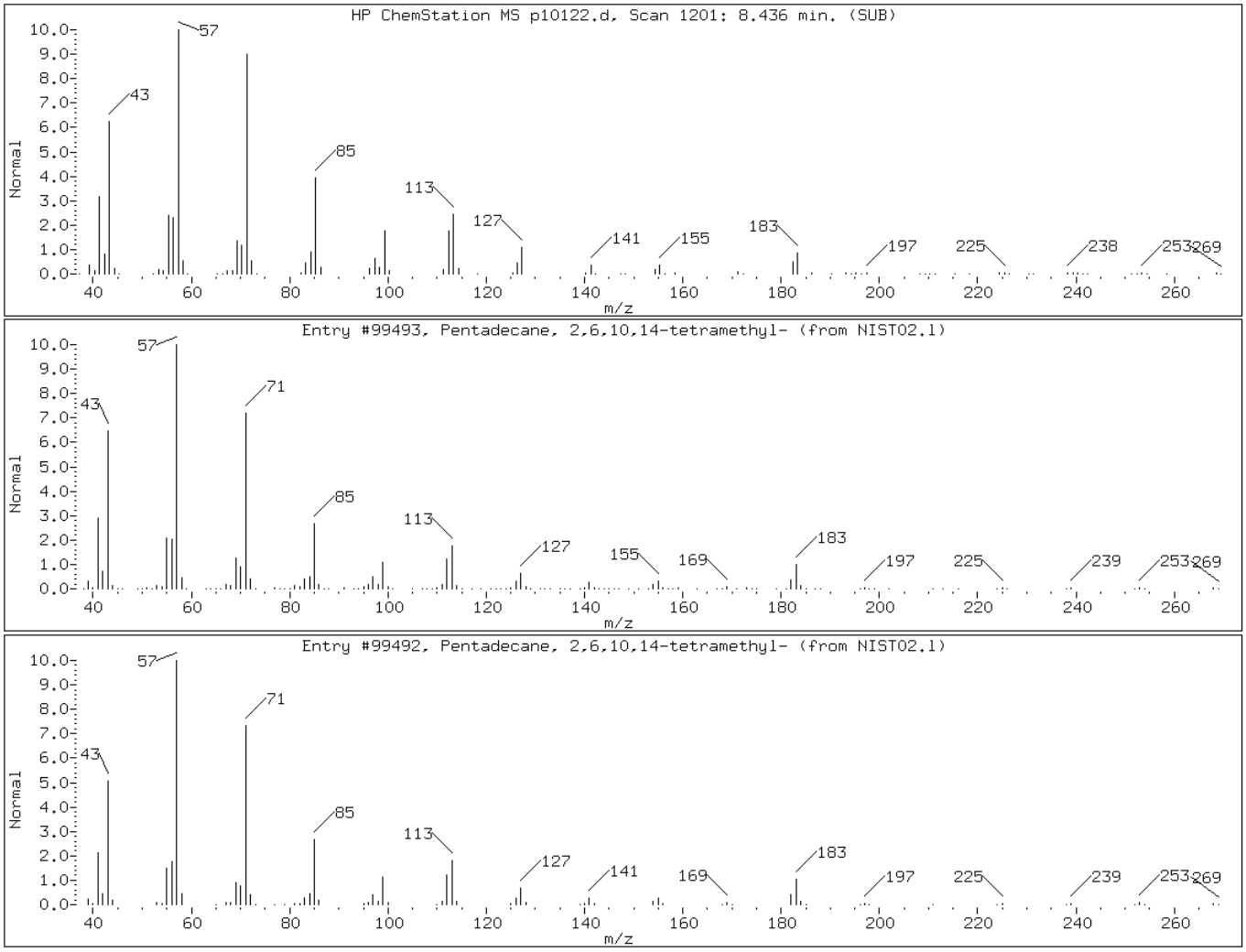
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 8.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	95	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	94	C19H40	268



Data File: p10122.d

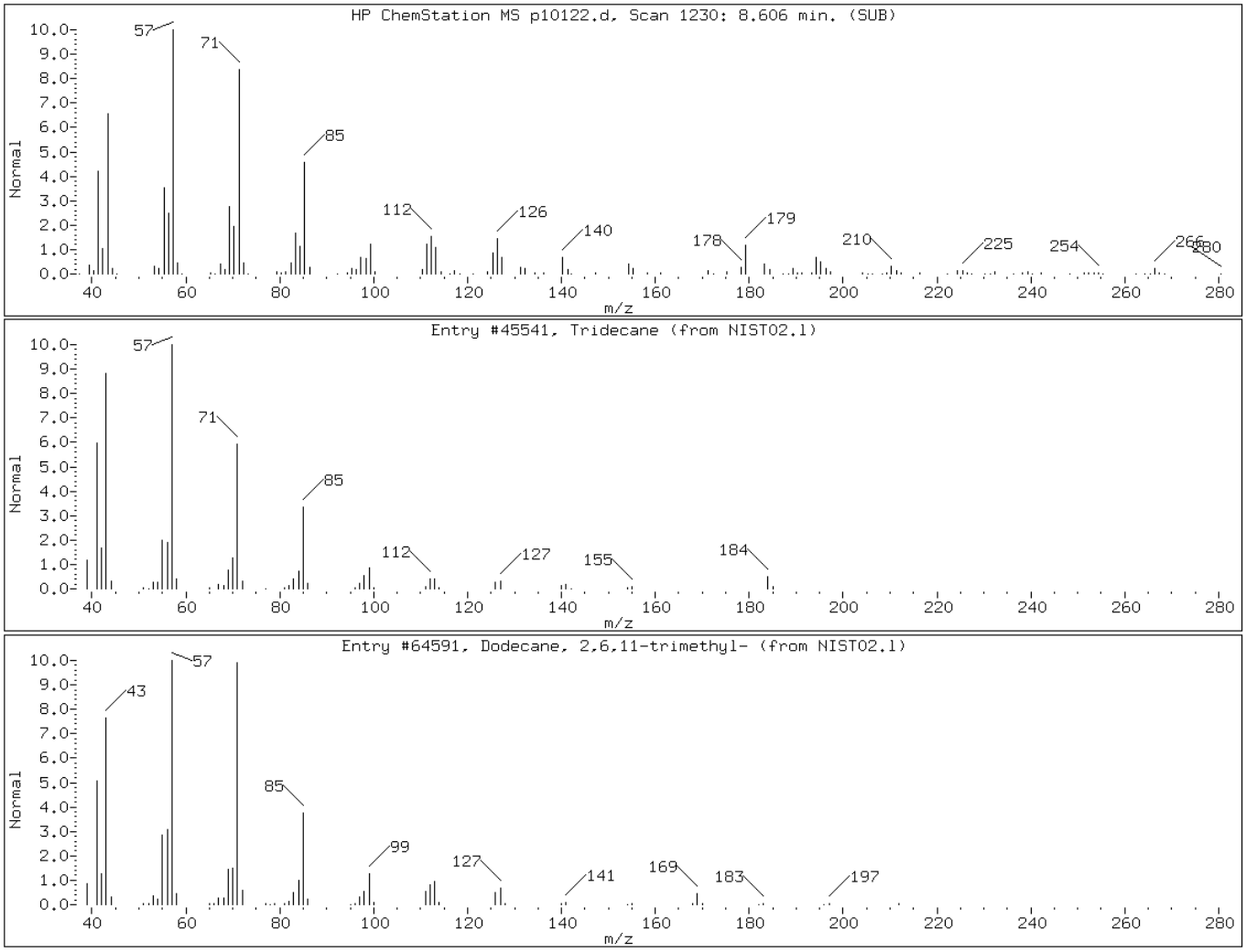
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 8.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Tridecane	629-50-5	NIST02.l	45541	81	C13H28	184
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	76	C15H32	212



Data File: p10122.d

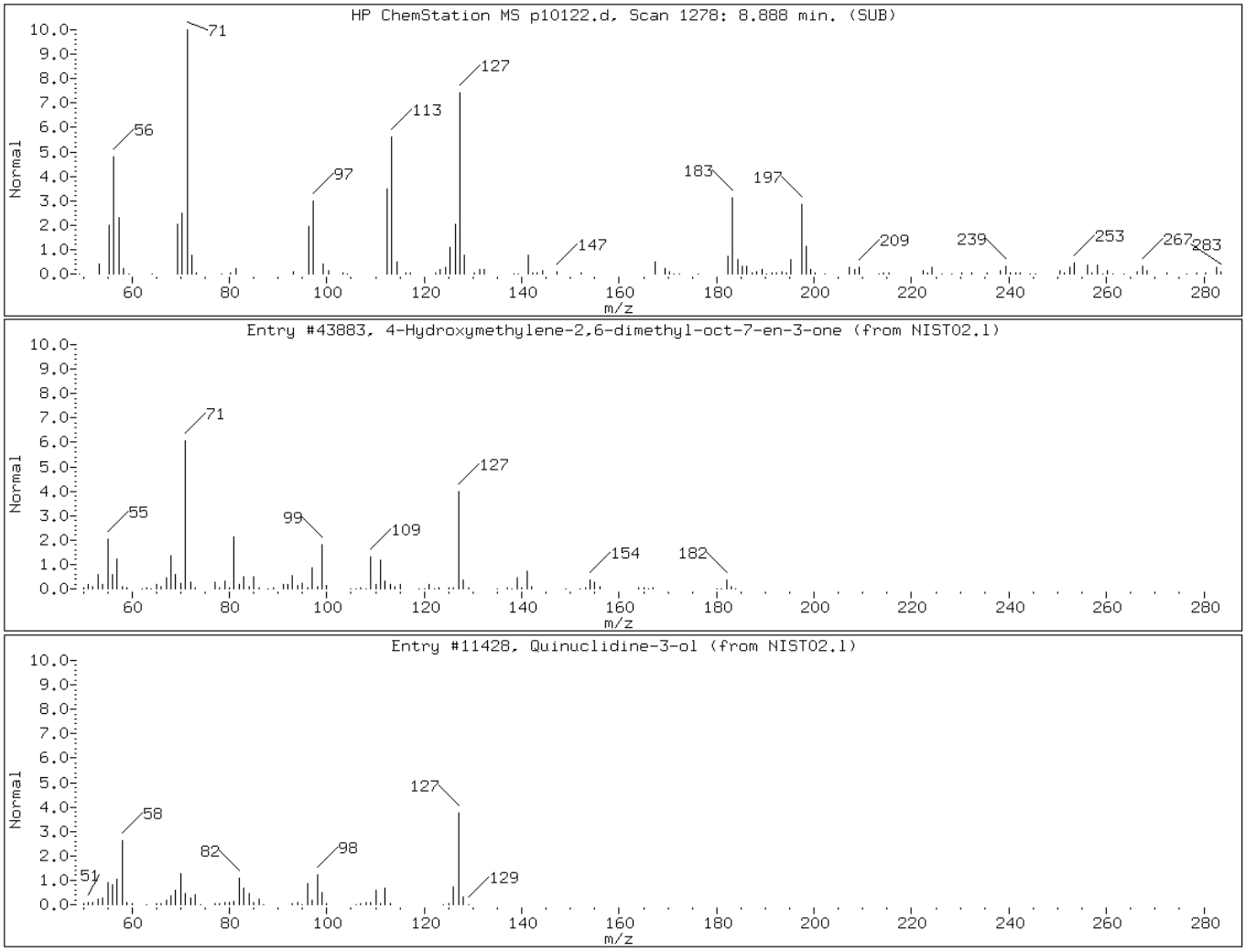
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 8.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-10						
4-Hydroxymethylene-2,6-dimethyl-oc	1000186-81-5	NIST02.l	43883	38	C11H18O2	182
Quinuclidine-3-ol	1619-34-7	NIST02.l	11428	27	C7H13NO	127



Data File: p10122.d

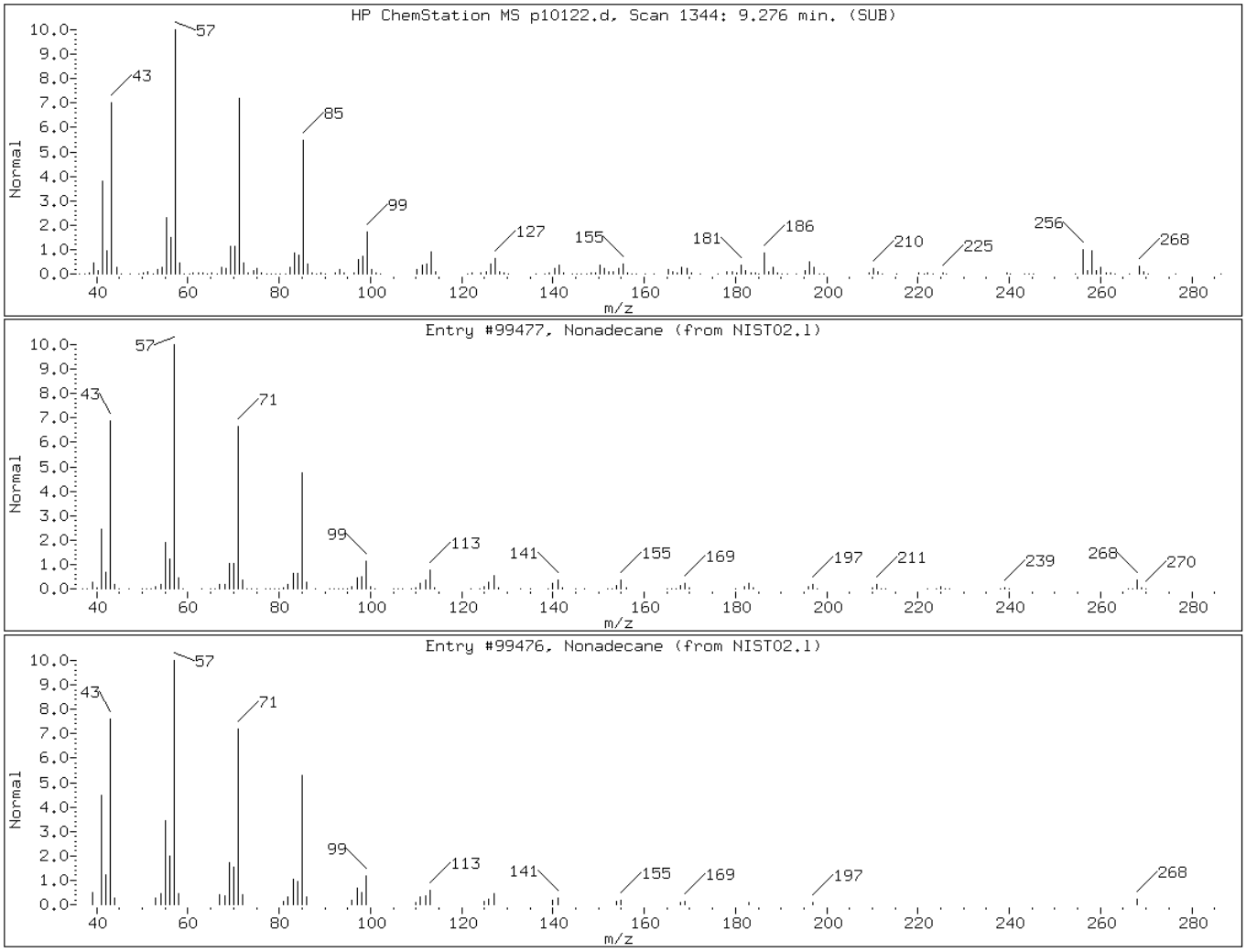
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 9.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Nonadecane	629-92-5	NIST02.l	99477	97	C19H40	268
Nonadecane	629-92-5	NIST02.l	99476	89	C19H40	268



Data File: p10122.d

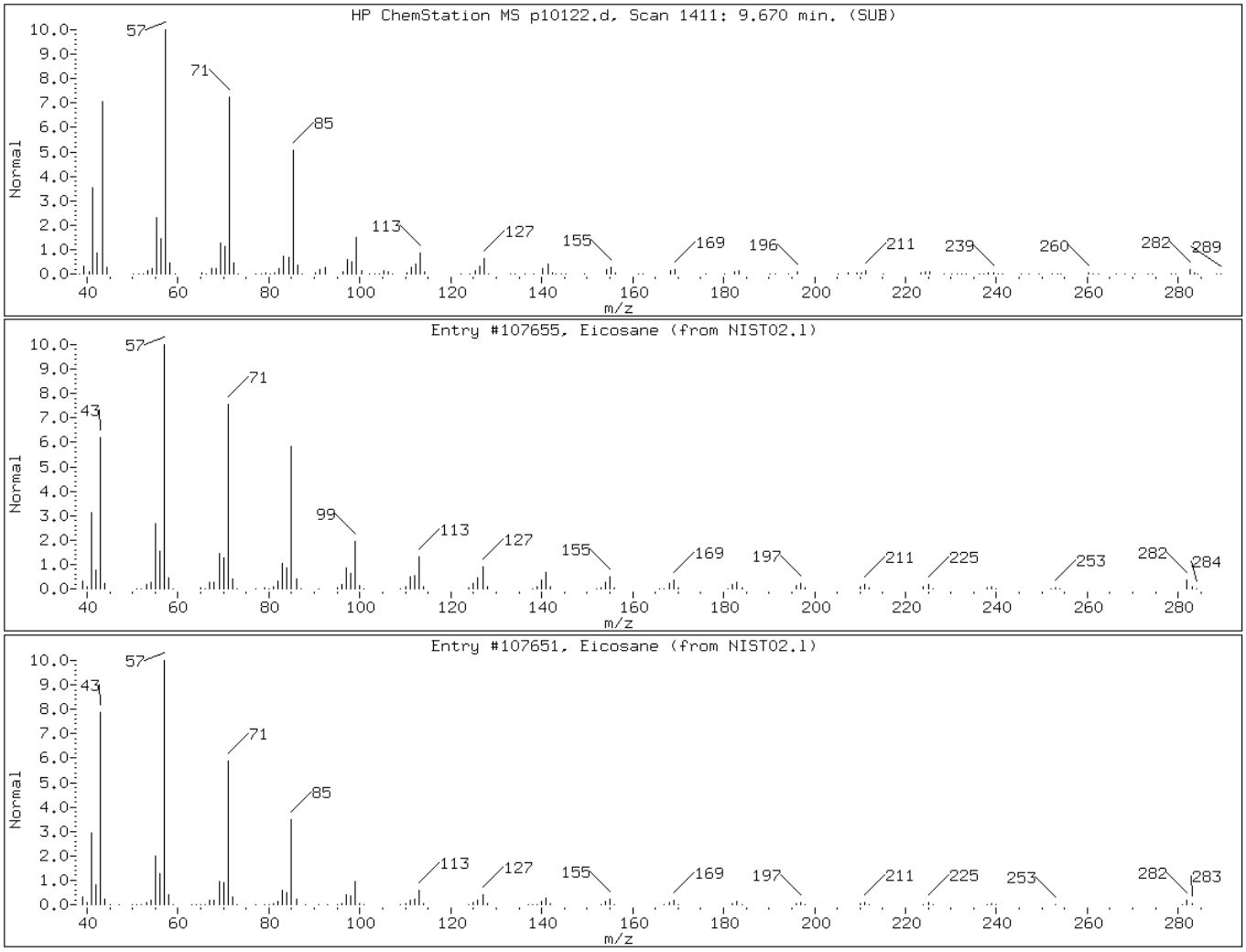
Date: 30-MAR-2011 10:34

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-23-A Operator: BNAMS 4

Retention Time: 9.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Eicosane	112-95-8	NIST02.l	107655	97	C20H42	282
Eicosane	112-95-8	NIST02.l	107651	96	C20H42	282



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI1-E (11-13) | Lab Sample ID: 460-24277-24

Matrix: Solid | Lab File ID: p10116.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:05

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 07:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	46
95-57-8	2-Chlorophenol	380	U	380	50
95-48-7	2-Methylphenol	380	U	380	54
106-44-5	4-Methylphenol	380	U	380	62
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	56
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.9
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	49
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.4
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	43
88-75-5	2-Nitrophenol	380	U	380	62
105-67-9	2,4-Dimethylphenol	380	U	380	60
120-83-2	2,4-Dichlorophenol	380	U	380	60
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	380	U	380	55
106-47-8	4-Chloroaniline	380	U	380	47
87-68-3	Hexachlorobutadiene	76	U	76	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	63
91-57-6	2-Methylnaphthalene	210	J	380	55
118-74-1	Hexachlorobenzene	38	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	Diphenyl	380	U	380	62
91-58-7	2-Chloronaphthalene	380	U	380	53
88-74-4	2-Nitroaniline	760	U	760	100
606-20-2	2,6-Dinitrotoluene	76	U	76	9.6
131-11-3	Dimethyl phthalate	380	U	380	51
208-96-8	Acenaphthylene	380	U	380	54
99-09-2	3-Nitroaniline	760	U	760	85
83-32-9	Acenaphthene	380	U	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI1-E (11-13) | Lab Sample ID: 460-24277-24

Matrix: Solid | Lab File ID: p10116.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:05

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 07:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	97
51-28-5	2,4-Dinitrophenol	1100	U	1100	80
132-64-9	Dibenzofuran	380	U	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	64
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	76	U	76	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	65
100-01-6	4-Nitroaniline	760	U	760	78
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	67
1912-24-9	Atrazine	380	U	380	70
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	60
85-01-8	Phenanthrene	230	J	380	66
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	93	J	380	65
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.6
50-32-8	Benzo[a]pyrene	38	U	38	4.6
56-55-3	Benzo[a]anthracene	38	U	38	7.0
86-30-6	N-Nitrosodiphenylamine	380	U	380	61
85-68-7	Butyl benzyl phthalate	380	U	380	44
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	50
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.0
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.5
91-94-1	3,3'-Dichlorobenzidine	760	U	760	83
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI1-E (11-13) Lab Sample ID: 460-24277-24

Matrix: Solid Lab File ID: p10116.d

Analysis Method: 8270C Date Collected: 03/18/2011 12:05

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.02(g) Date Analyzed: 03/30/2011 07:52

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	89		38-105
4165-62-2	Phenol-d5	86		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	86		37-125
321-60-8	2-Fluorobiphenyl	87		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI1-E (11-13) | Lab Sample ID: 460-24277-24

Matrix: Solid | Lab File ID: p10116.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:05

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 07:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 71000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.70	2500	J
	Unknown Alkane-2	5.79	2700	J
	Unknown-1	5.88	1100	J
	Unknown Alkane-3	6.17	4000	J
	Unknown Alkane-4	6.34	5400	J
	Unknown Alkane-5	6.44	1200	J
	Unknown-2	6.64	1800	J
	Unknown Alkane-7	6.92	2200	J
575-41-7	1,3-Dimethylnaphthalene	7.13	1800	
	Unknown Alkane-8	7.17	1100	J
	Unknown Alkane-9	7.24	3400	J
	Trimethylnaphthalene isomer-1	7.68	1200	J
	Unknown Alkane-12	7.95	2700	J
	Unknown Alkane-13	8.17	2400	J
	Unknown Alkane-14	8.44	14000	J
	Unknown Alkane-15	8.61	2300	J
593-45-3	n-Octadecane	8.86	8500	
	Unknown Alkane-16	8.89	4800	J
	Unknown Alkane-17	9.28	5200	J
	Unknown Alkane-18	9.67	2700	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10116.d
Report Date: 03-Apr-2011 11:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10116.d
Lab Smp Id: 460-24277-F-24-A Client Smp ID: PMP-28-SI1-E (11-13
Inj Date : 30-MAR-2011 07:52
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-24-A
Misc Info : 460-24277-F-24-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 46
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	12.41915	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.901	2.883	(0.678)	925990	86.3193	6600
$ 17 Phenol-d5 (SUR)	99	3.912	3.923	(0.914)	1047466	85.9691	6500
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	338933	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.864)	480142	44.3038	3400
30 1,2,4-Trichlorobenzene	180	5.604	5.604	(0.991)	37374	3.79172	290
* 80 Naphthalene-d8	136	5.657	5.657	(1.000)	1118267	40.0000	
34 2-Methylnaphthalene	142	6.403	6.403	(1.132)	51059	2.76131	210(a)
120 1-Methylnaphthalene	142	6.503	6.503	(1.150)	54984	2.93389	220(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.791	6.785	(0.910)	722749	43.6632	3300
125 1,3-Dimethylnaphthalene	156	7.125	7.120	(0.955)	285783	24.0548	1800
* 82 Acenaphthene-d10	164	7.460	7.454	(1.000)	507082	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.248	8.242	(1.106)	126377	73.0639	5600
* 83 Phenanthrene-d10	188	8.923	8.917	(1.000)	777243	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10116.d
Report Date: 03-Apr-2011 11:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	115 n-Octadecane	57	8.859	8.847	(0.993)	1116164	112.350	8500
	52 Phenanthrene	178	8.947	8.941	(1.003)	67858	3.00228	230(a)
	57 Pyrene	202	10.328	10.328	(0.891)	27287	1.22450	93(a)
$	78 Terphenyl-d14	244	10.492	10.492	(0.905)	555108	41.2419	3100
*	81 Chrysene-d12	240	11.597	11.603	(1.000)	612440	40.0000	
*	84 Perylene-d12	264	13.424	13.424	(1.000)	522845	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10116.d
Report Date: 03-Apr-2011 11:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10116.d
Lab Smp Id: 460-24277-F-24-A Client Smp ID: PMP-28-SI1-E (11-13
Inj Date : 30-MAR-2011 07:52
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-24-A
Misc Info : 460-24277-F-24-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 46
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	12.41915	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.657	6070192	40.000
* 82 Acenaphthene-d10	7.460	10898294	40.000
* 83 Phenanthrene-d10	8.923	3267285	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
5.704	5062472	33.3595467	2500	0	0		80

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10116.d
Report Date: 03-Apr-2011 11:32

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2					CAS #:		
5.786	5345931	35.2274257	2700	0		0	80
Unknown-1					CAS #:		
5.880	2127897	14.0219426	1100	0		0	80
Unknown Alkane-3					CAS #:		
6.168	7954510	52.4168554	4000	0		0	80
Unknown Alkane-4					CAS #:		
6.338	10741847	70.7842254	5400	0		0	80
Unknown Alkane-5					CAS #:		
6.438	2442898	16.0976642	1200	0		0	80
Unknown-2					CAS #:		
6.638	6415151	23.5455242	1800	0		0	82
Unknown Alkane-6					CAS #:		
6.749	2201989	8.08195965	610	0		0	82
Unknown-3					CAS #:		
6.867	2394439	8.78830896	670	0		0	82
Unknown Alkane-7					CAS #:		
6.920	7791346	28.5965688	2200	0		0	82
Dimethylnaphthalene isomer					CAS #:		
7.114	2408627	8.84038015	670	0		0	82
Unknown Alkane-8					CAS #:		
7.172	3990609	14.6467305	1100	0		0	82
Unknown Alkane-9					CAS #:		
7.243	12247469	44.9518754	3400	0		0	82
Unknown-4					CAS #:		
7.366	2415737	8.86647788	670	0		0	82
Unknown Alkane-10					CAS #:		
7.484	2266509	8.31876698	630	0		0	82
Trimethylnaphthalene isomer-1					CAS #:		
7.678	4474854	16.4240520	1200	0		0	82

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10116.d
Report Date: 03-Apr-2011 11:32

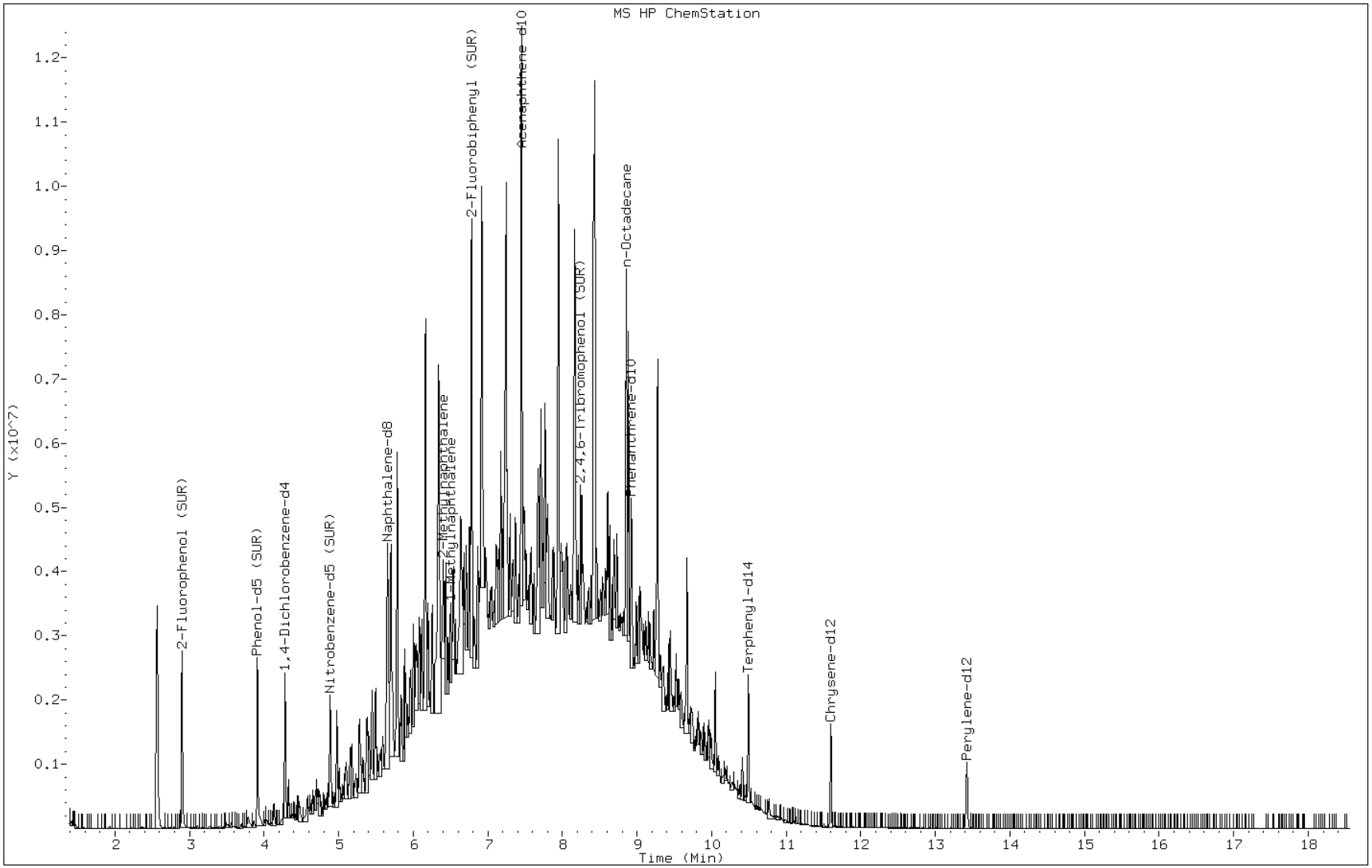
	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trimethylnaphthalene isomer-2					CAS #:		
7.713	3180527	11.6734845	890	0		0	82
Unknown Alkane-11					CAS #:		
7.766	2845556	10.4440405	790	0		0	82
Unknown-5					CAS #:		
7.801	3371125	12.3730369	940	0		0	82
Unknown Alkane-12					CAS #:		
7.948	9616264	35.2945669	2700	0		0	82
Unknown Alkane-13					CAS #:		
8.165	8722350	32.0136322	2400	0		0	82
Unknown Alkane-14					CAS #:		
8.436	15524419	190.058913	14000	0		0	83
Unknown Alkane-15					CAS #:		
8.606	2492211	30.5110857	2300	0		0	83
Unknown Alkane-16					CAS #:		
8.888	5157390	63.1397461	4800	0		0	83
Unknown Alkane-17					CAS #:		
9.276	5565231	68.1327768	5200	0		0	83
Unknown Alkane-18					CAS #:		
9.670	2868974	35.1236405	2700	0		0	83

Data File: p10116.d

Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4



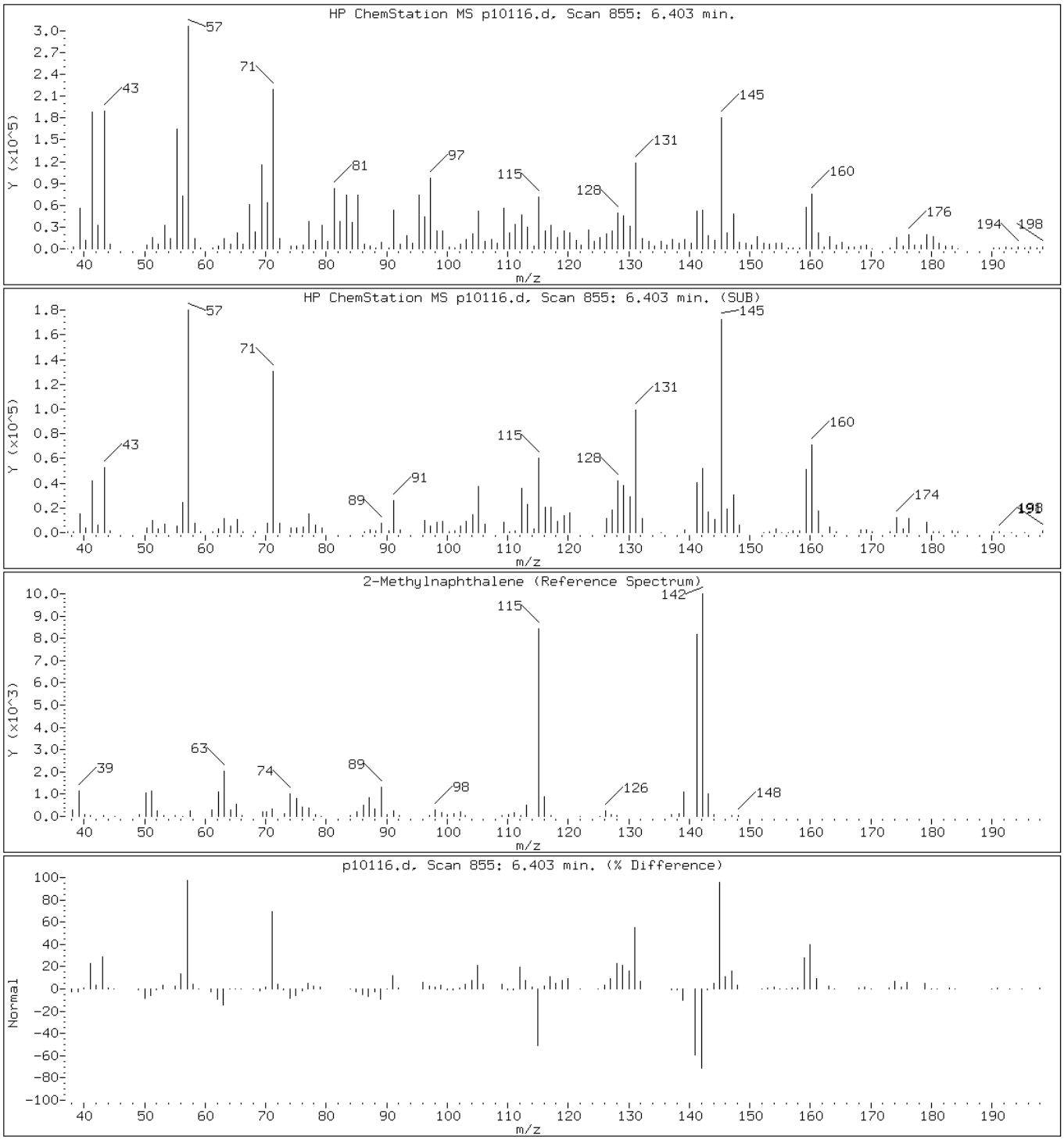
Data File: p10116.d

Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

34 2-Methylnaphthalene



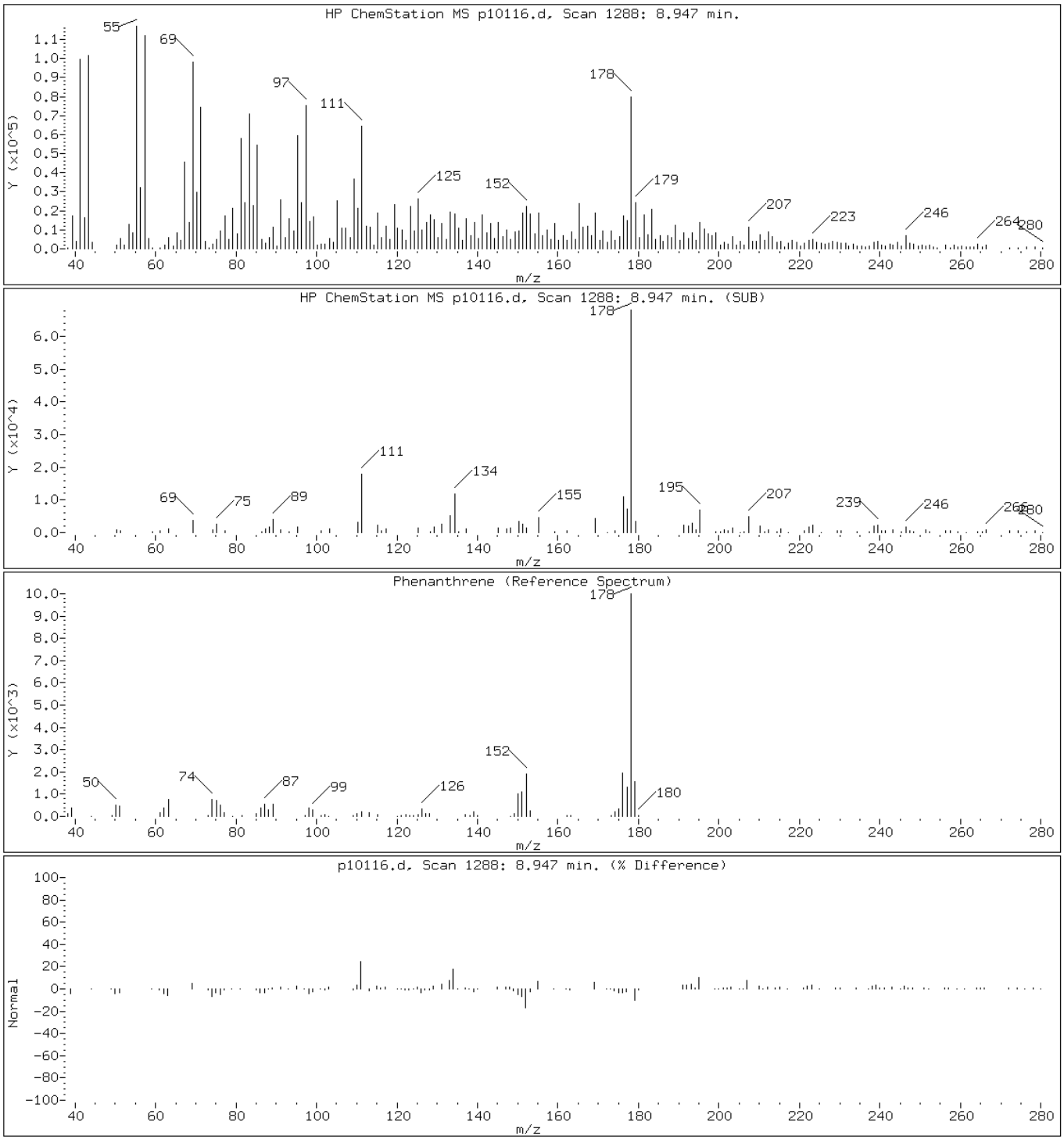
Data File: p10116.d

Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

52 Phenanthrene



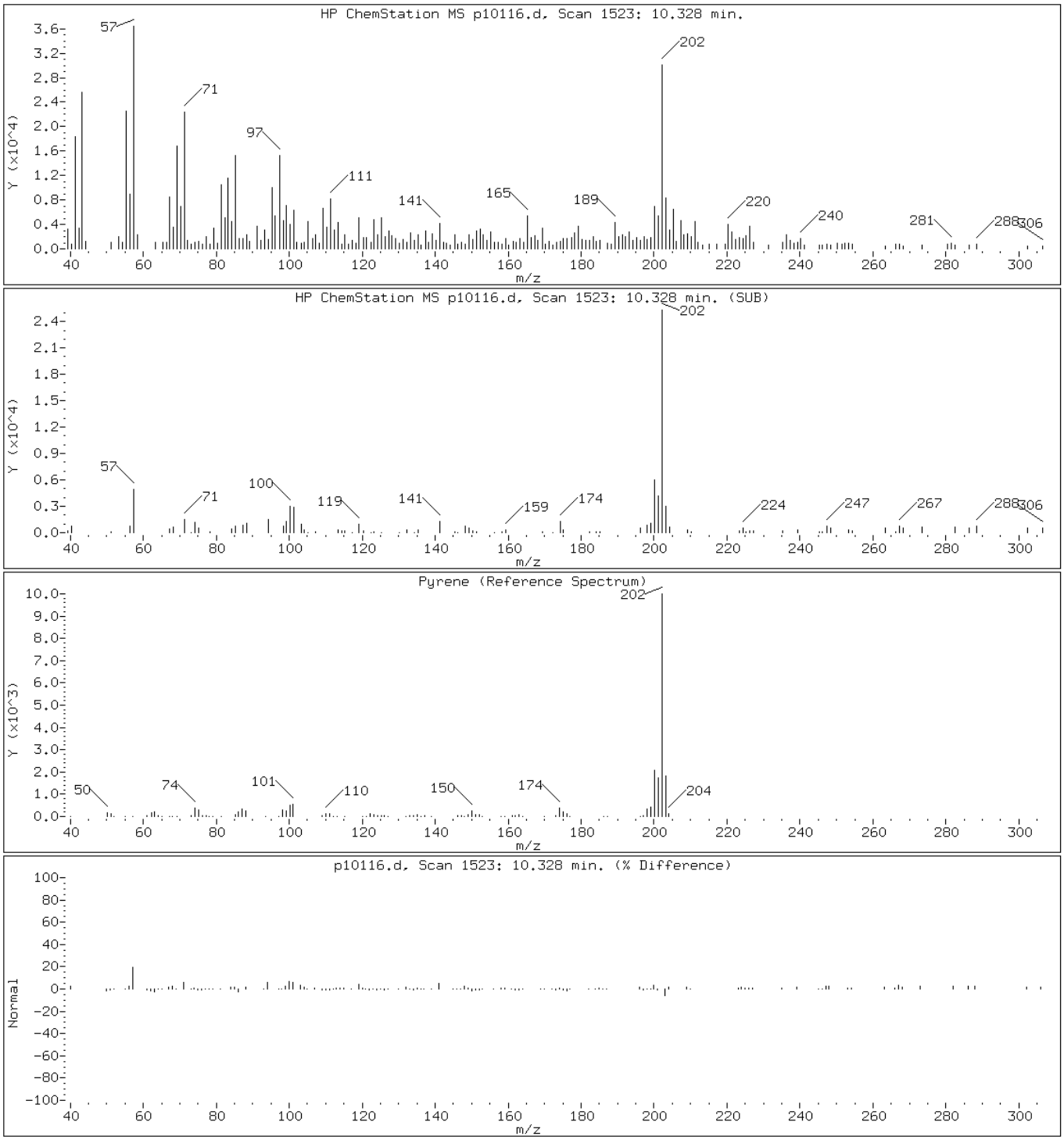
Data File: p10116.d

Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

57 Pyrene



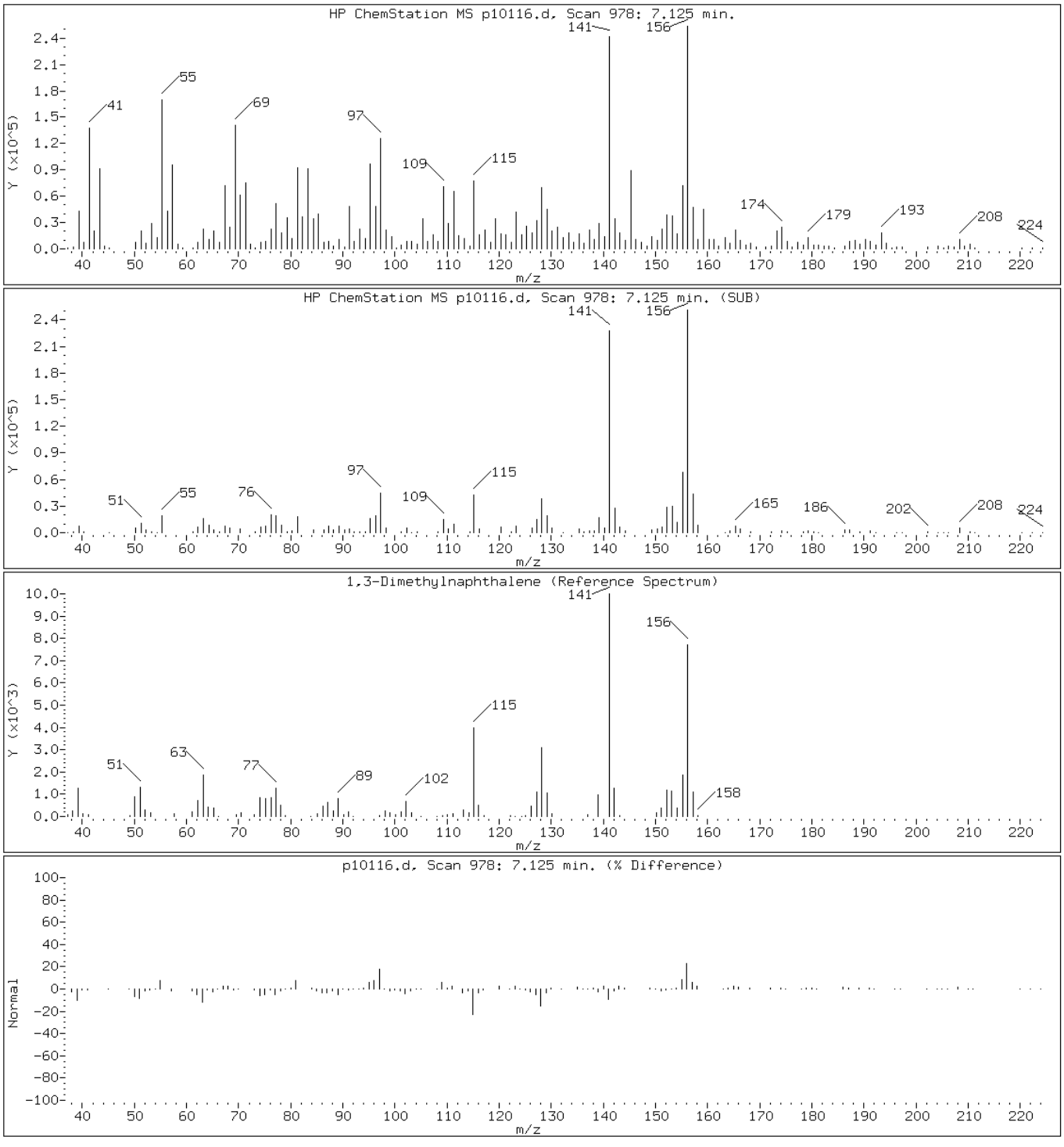
Data File: p10116.d

Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



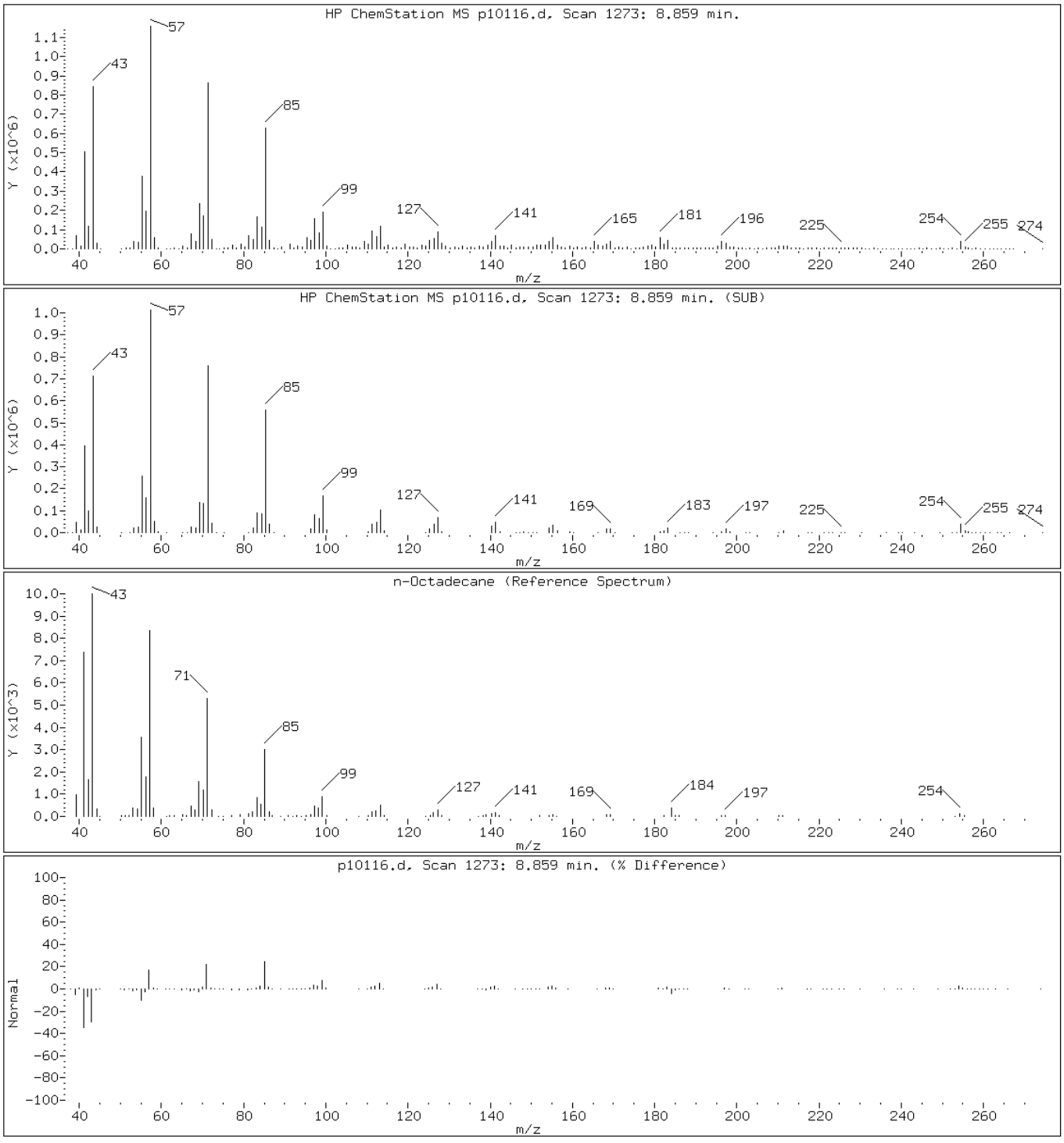
Data File: p10116.d

Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

115 n-Octadecane



Data File: p10116.d

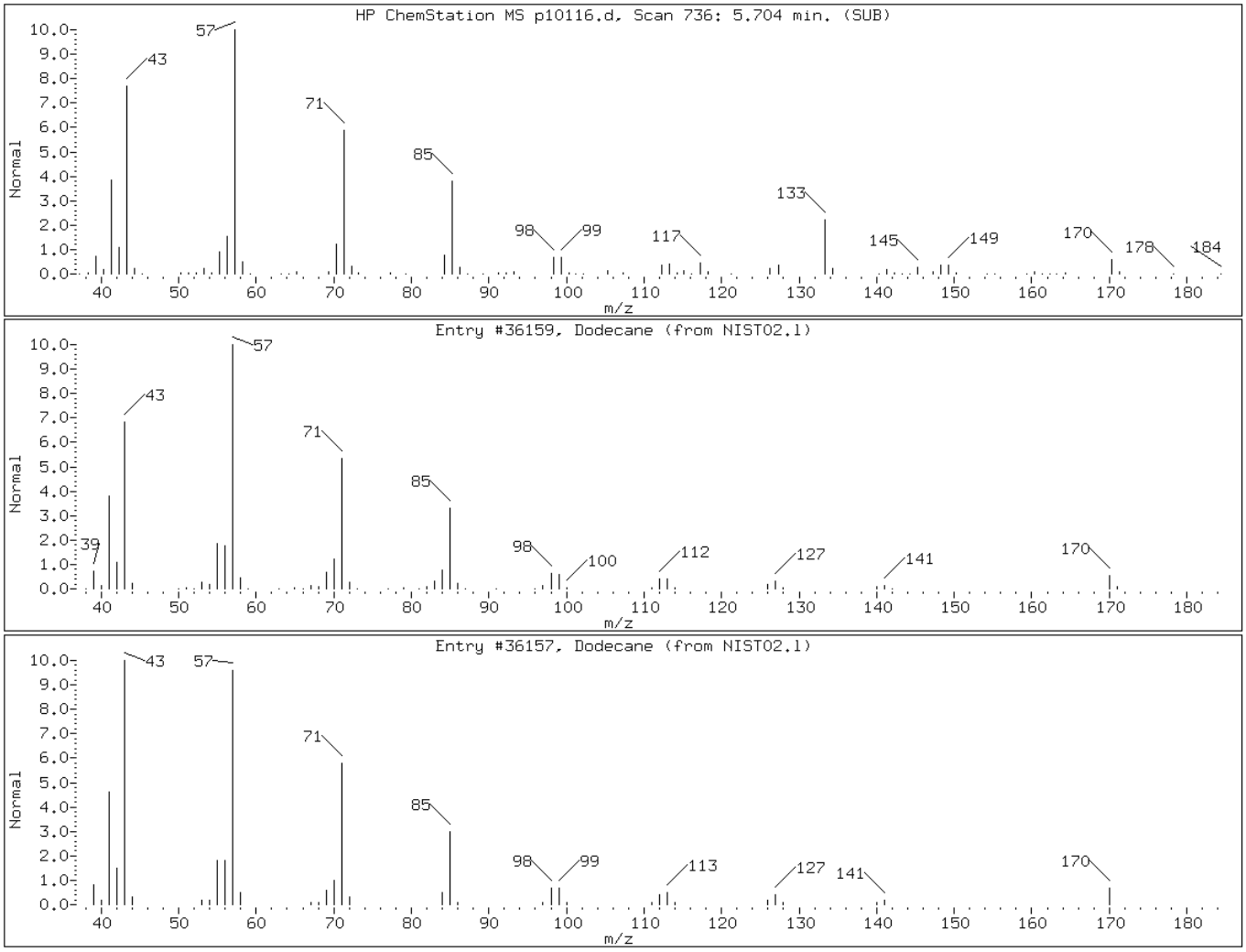
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 5.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane	112-40-3	NIST02.l	36159	96	C12H26	170
Dodecane	112-40-3	NIST02.l	36157	92	C12H26	170



Data File: p10116.d

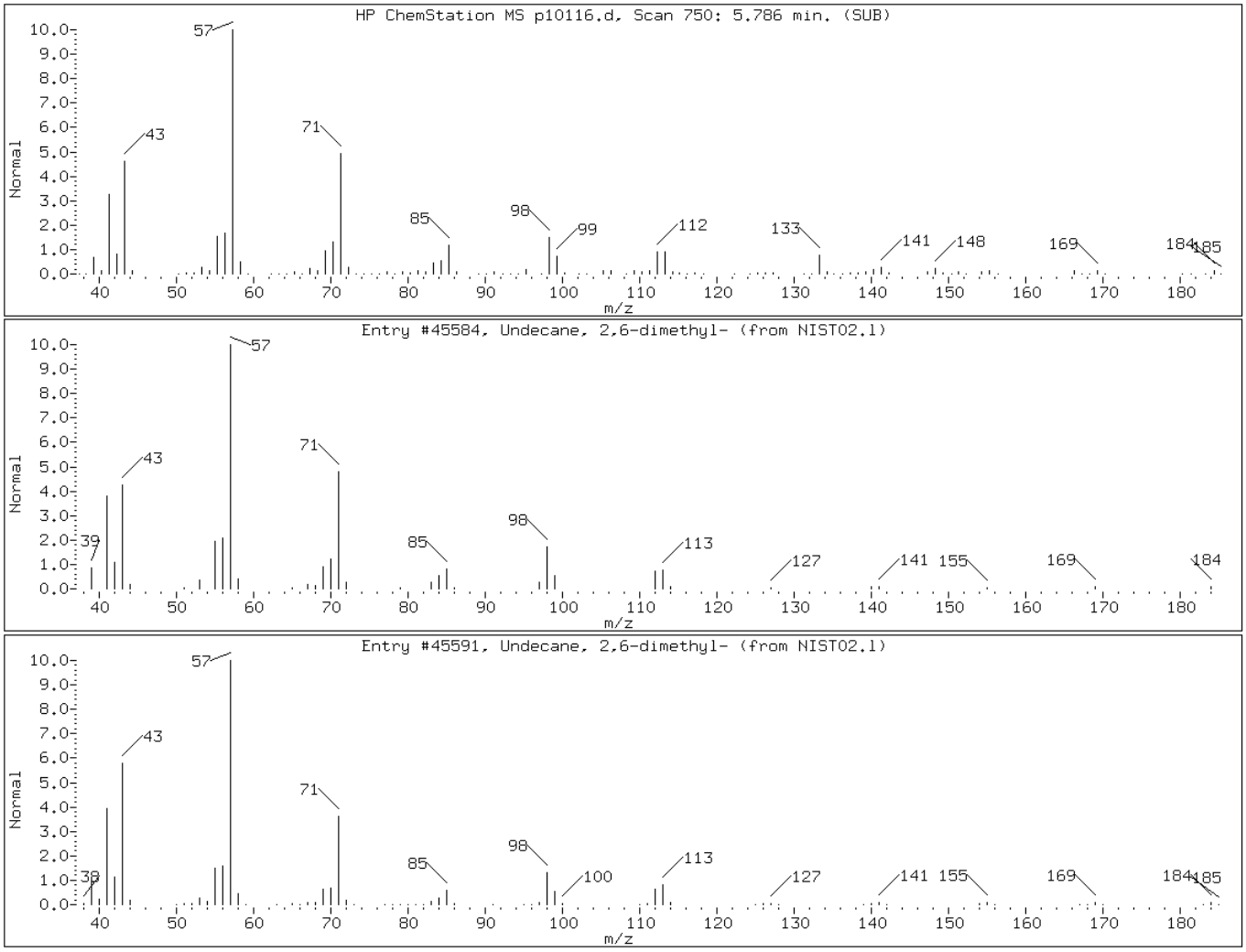
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 5.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	97	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	94	C13H28	184



Data File: p10116.d

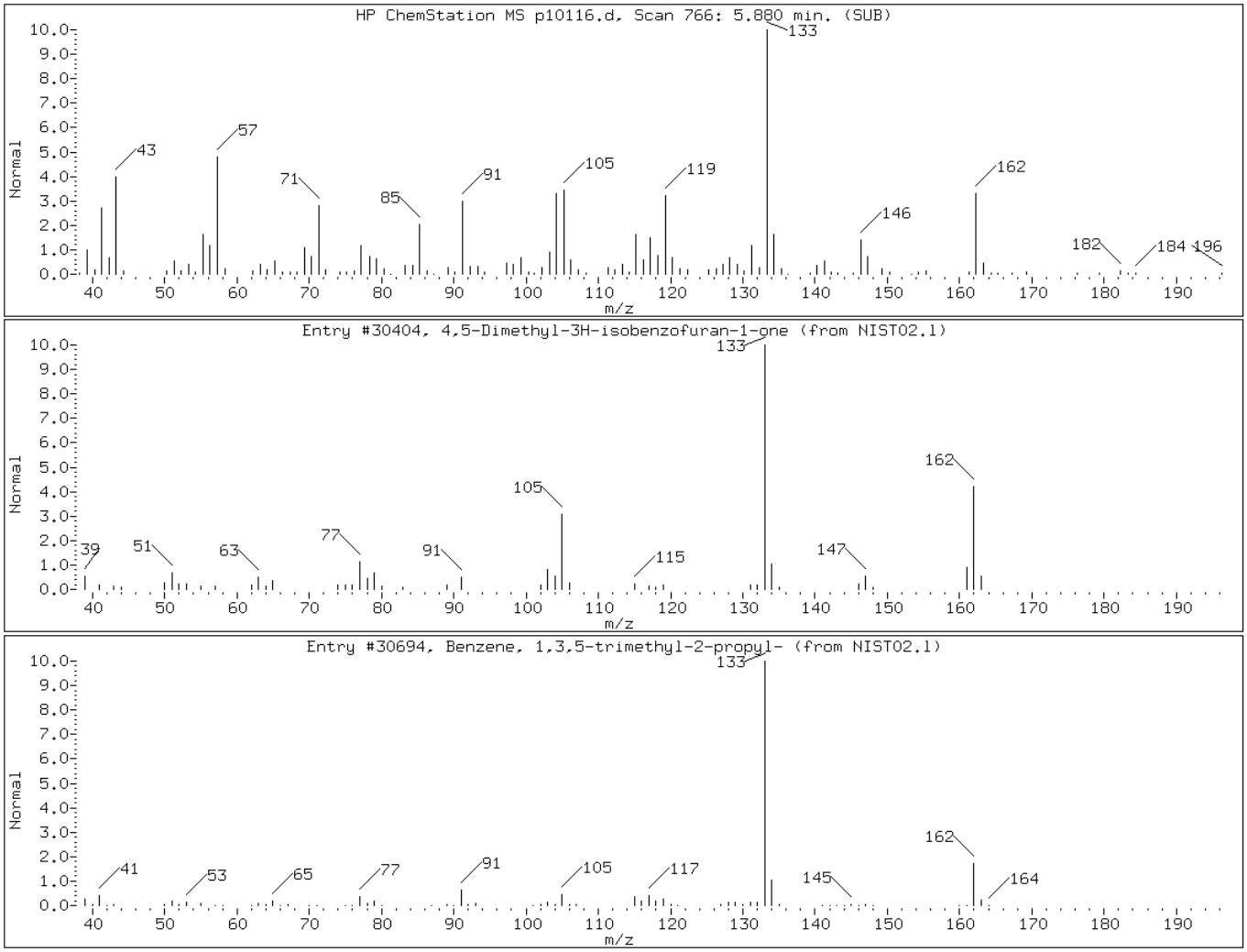
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 5.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
4,5-Dimethyl-3H-isobenzofuran-1-on	1000188-08-0	NIST02.l	30404	64	C10H10O2	162
Benzene, 1,3,5-trimethyl-2-propyl-	4810-04-2	NIST02.l	30694	64	C12H18	162



Data File: p10116.d

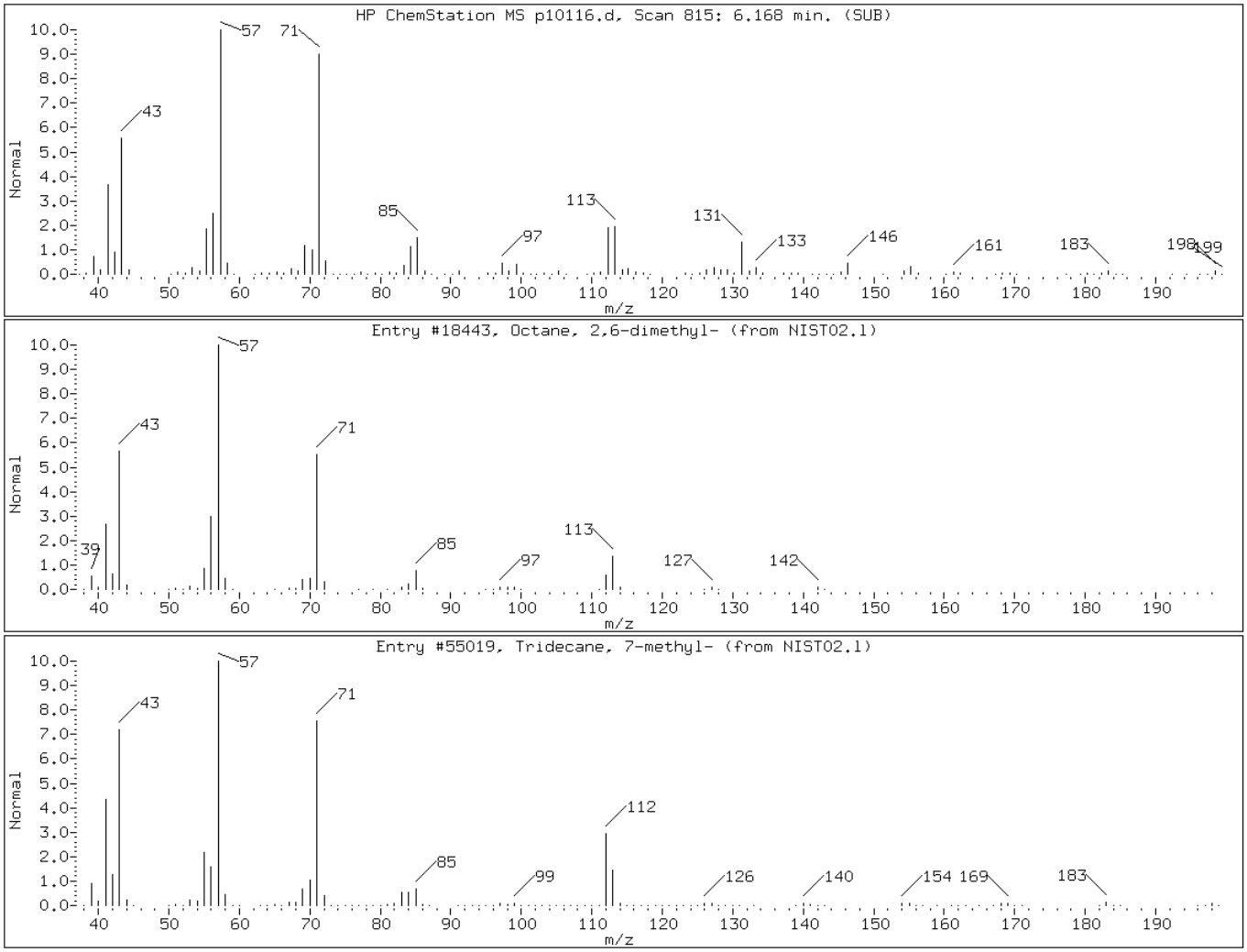
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 6.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	80	C10H22	142
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	68	C14H30	198



Data File: p10116.d

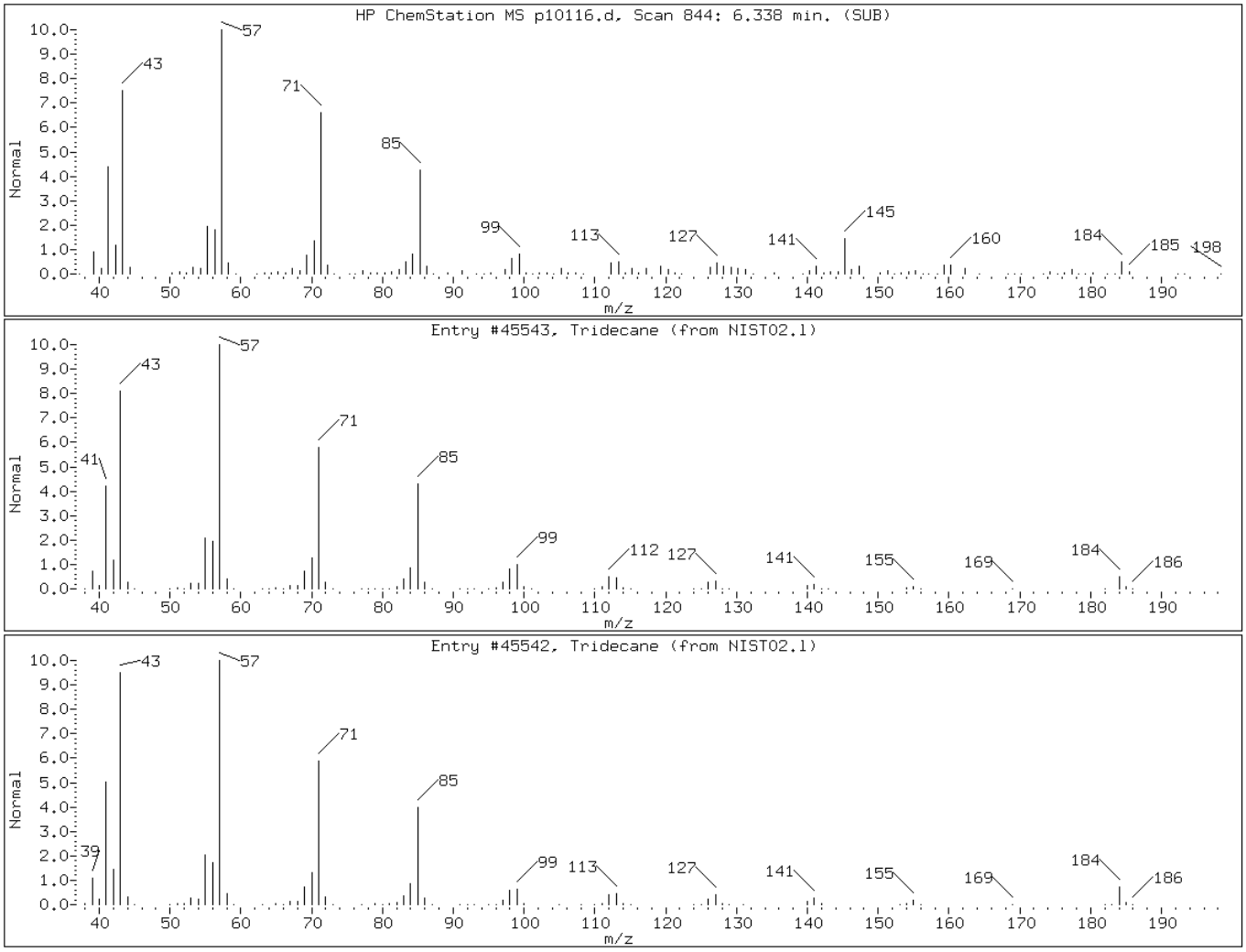
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 6.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane	629-50-5	NIST02.l	45543	98	C13H28	184
Tridecane	629-50-5	NIST02.l	45542	96	C13H28	184



Data File: p10116.d

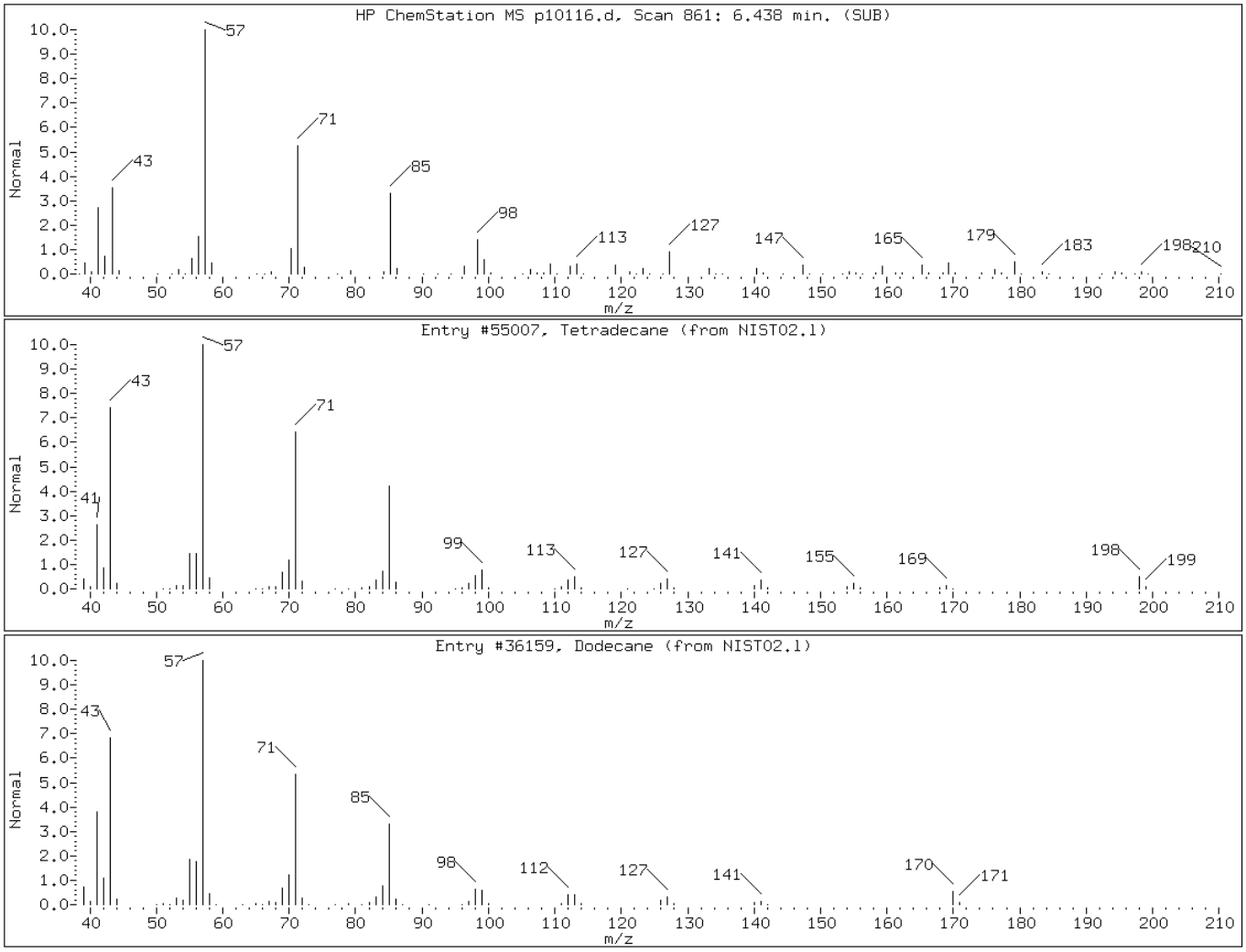
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 6.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tetradecane	629-59-4	NIST02.l	55007	53	C14H30	198
Dodecane	112-40-3	NIST02.l	36159	53	C12H26	170



Data File: p10116.d

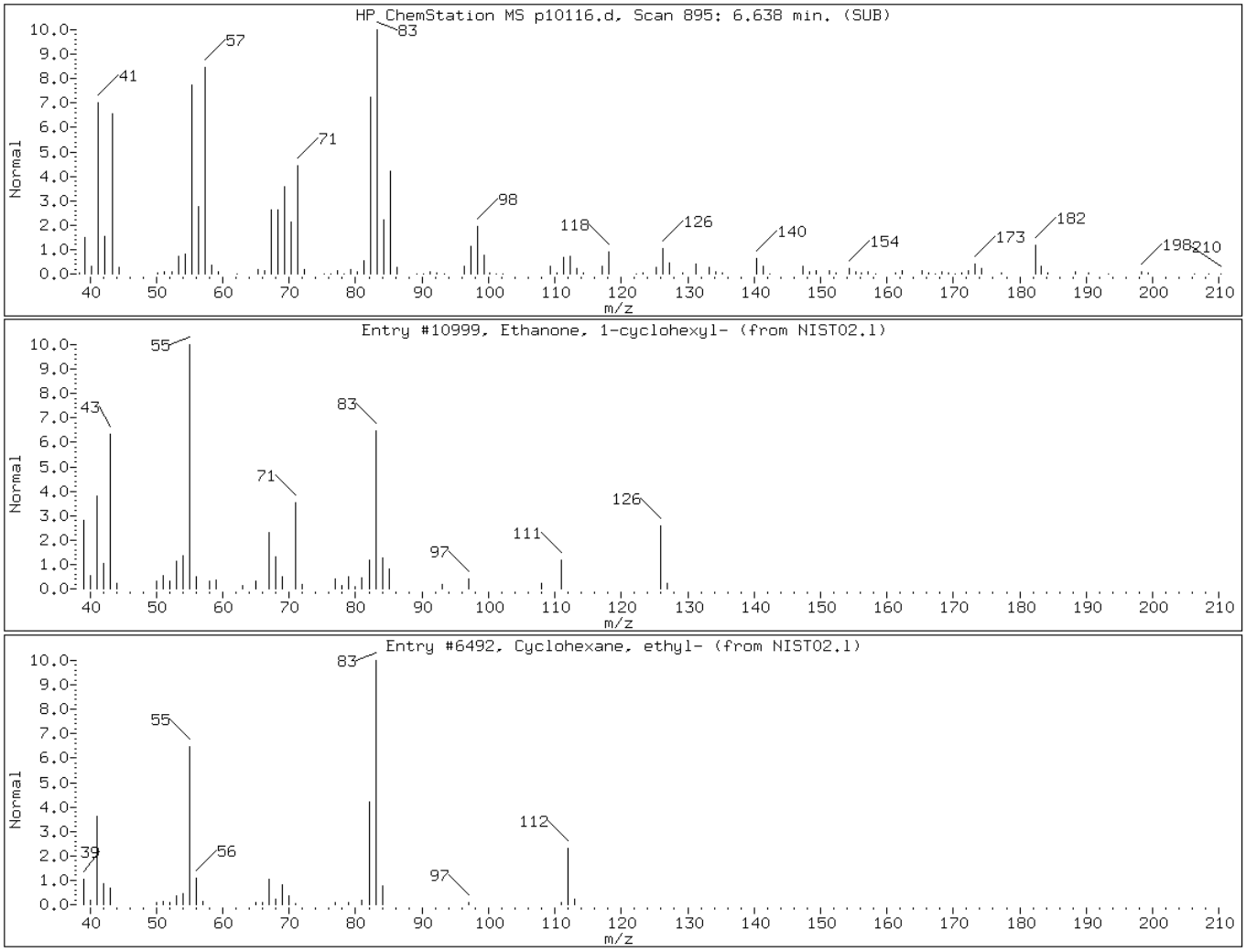
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 6.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Ethanone, 1-cyclohexyl-	823-76-7	NIST02.l	10999	53	C8H14O	126
Cyclohexane, ethyl-	1678-91-7	NIST02.l	6492	38	C8H16	112



Data File: p10116.d

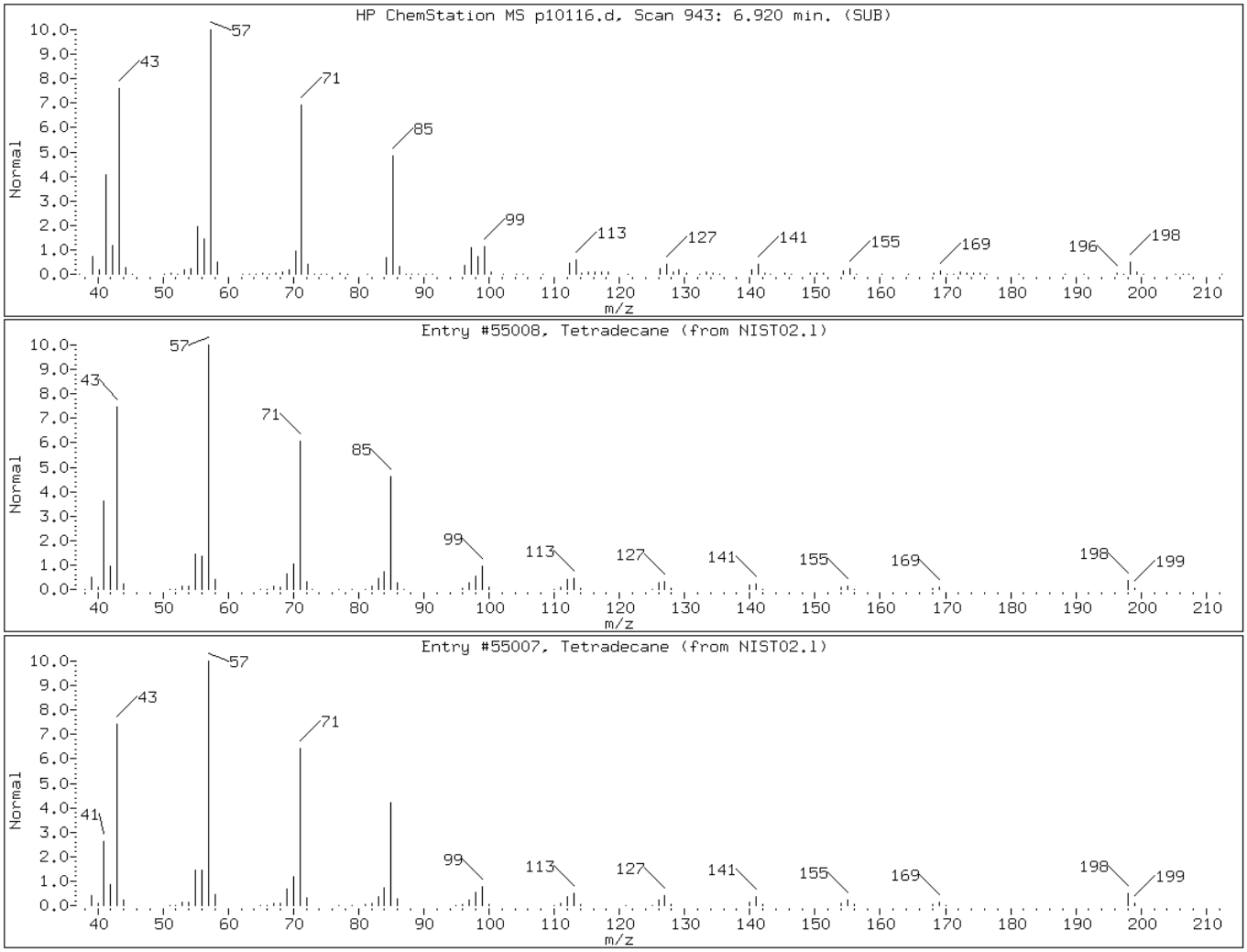
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 6.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetradecane	629-59-4	NIST02.l	55008	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	98	C14H30	198



Data File: p10116.d

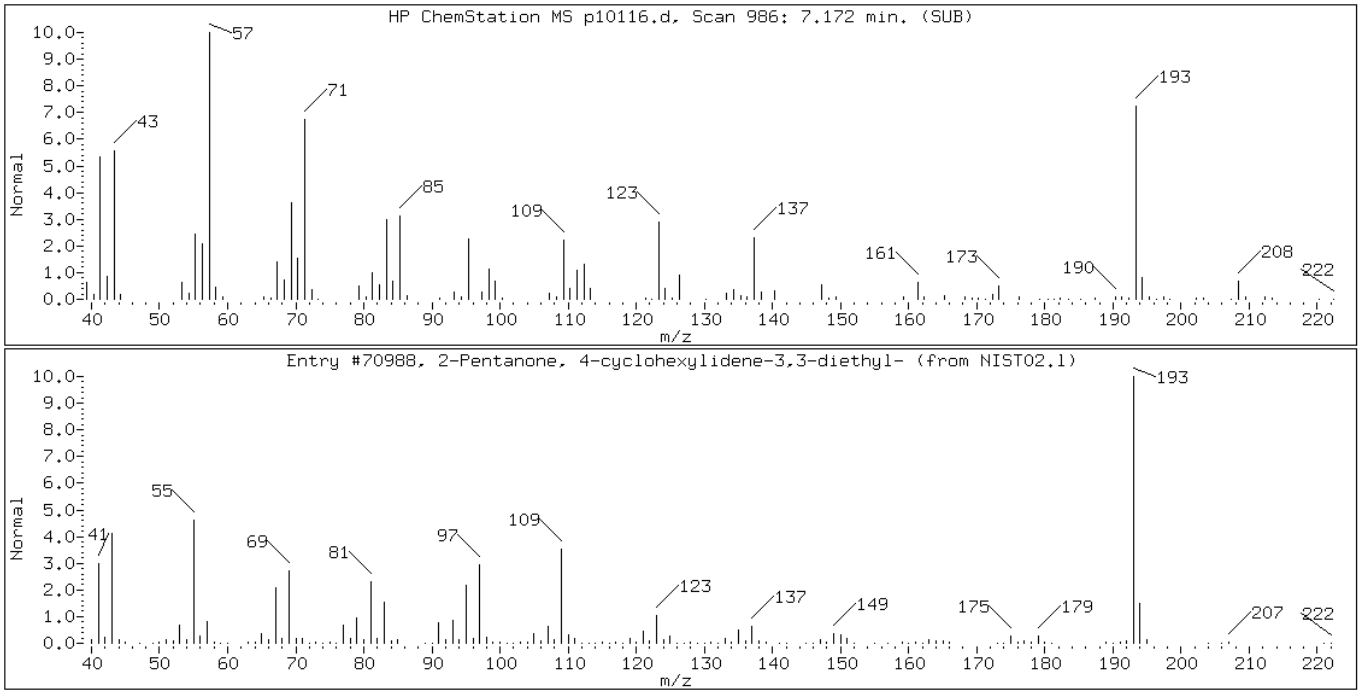
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 7.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
2-Pentanone, 4-cyclohexylidene-3,3	313253-65-5	NIST02.l	70988	30	C15H26O	222



Data File: p10116.d

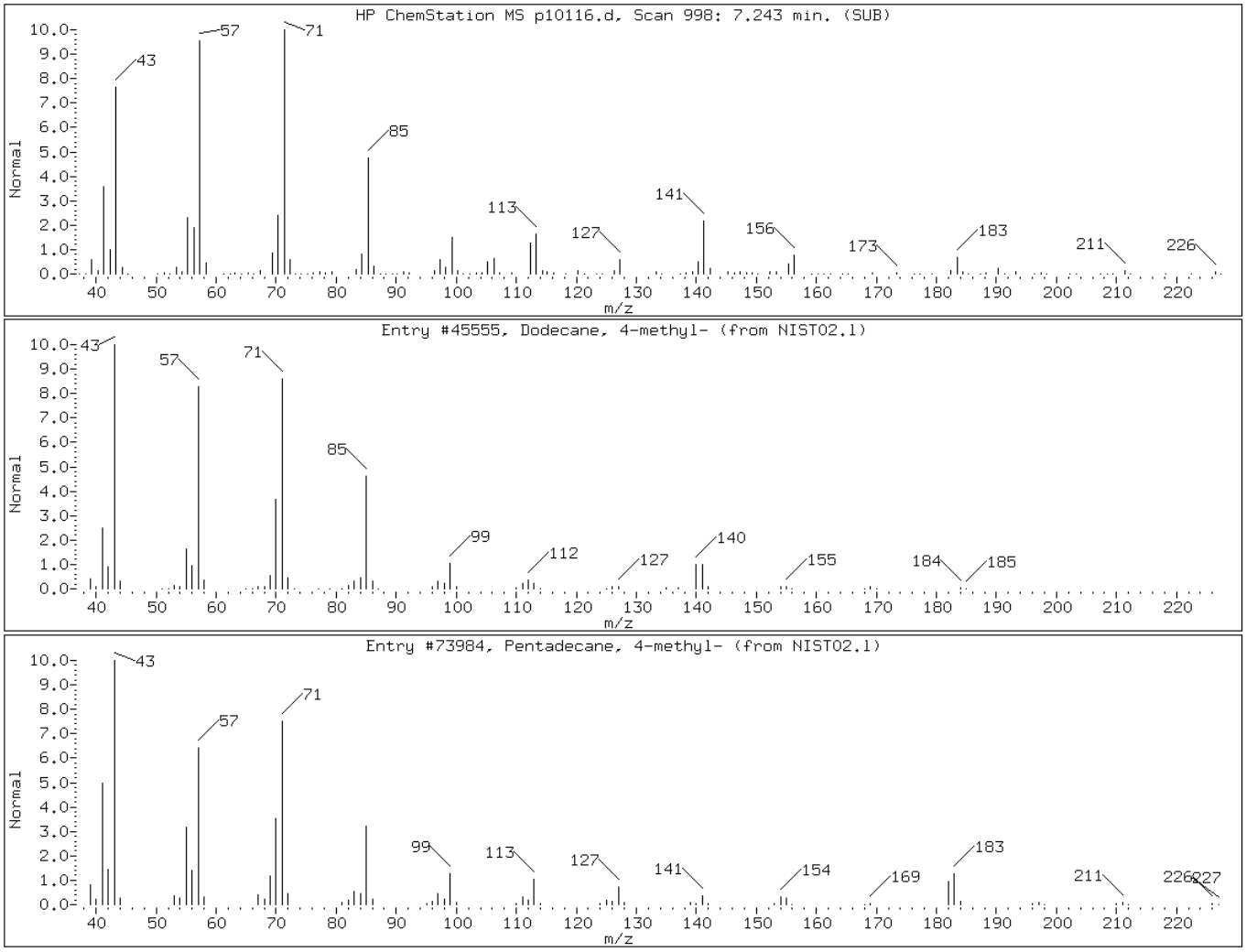
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 7.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	76	C13H28	184
Pentadecane, 4-methyl-	2801-87-8	NIST02.l	73984	76	C16H34	226



Data File: p10116.d

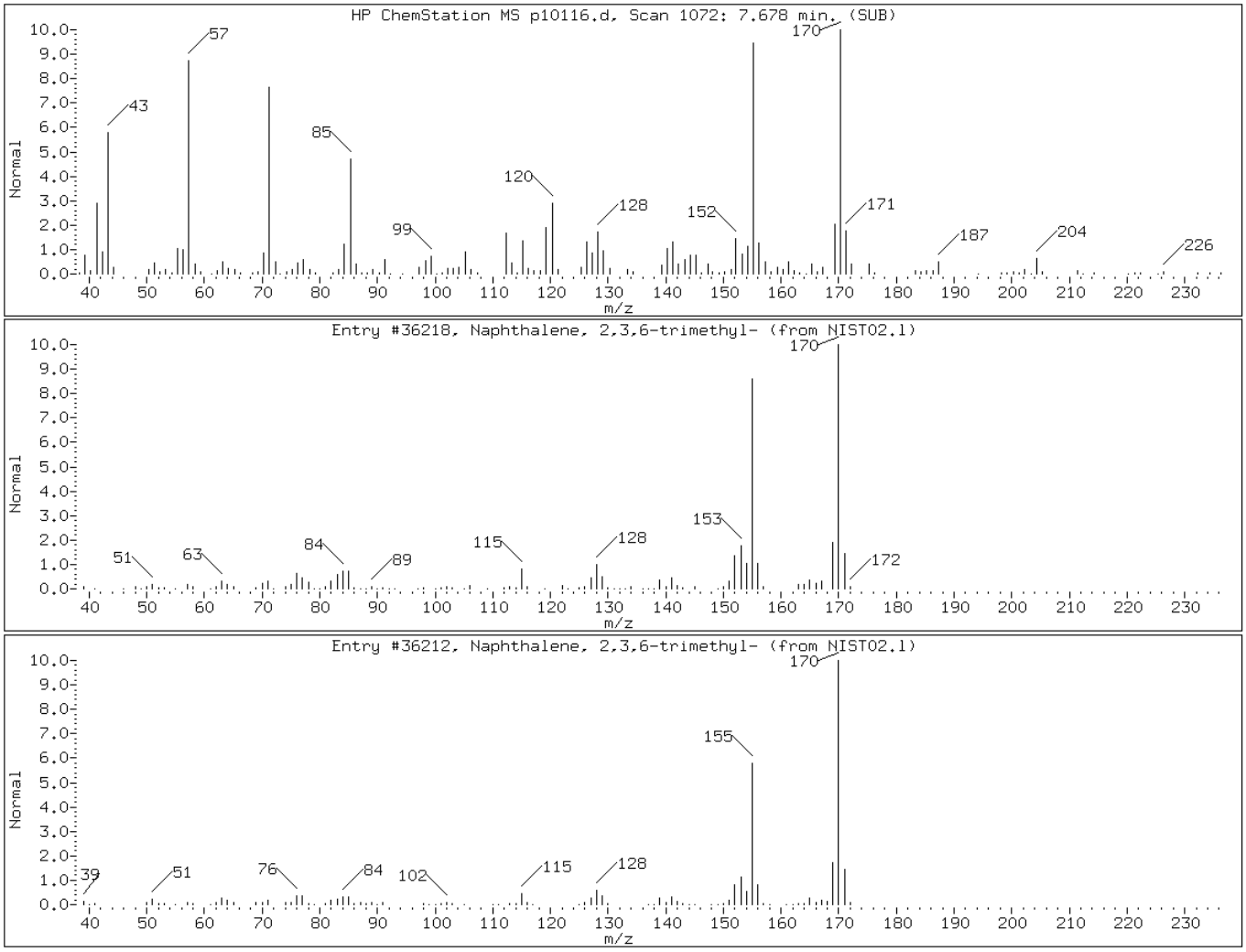
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 7.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	86	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36212	78	C13H14	170



Data File: p10116.d

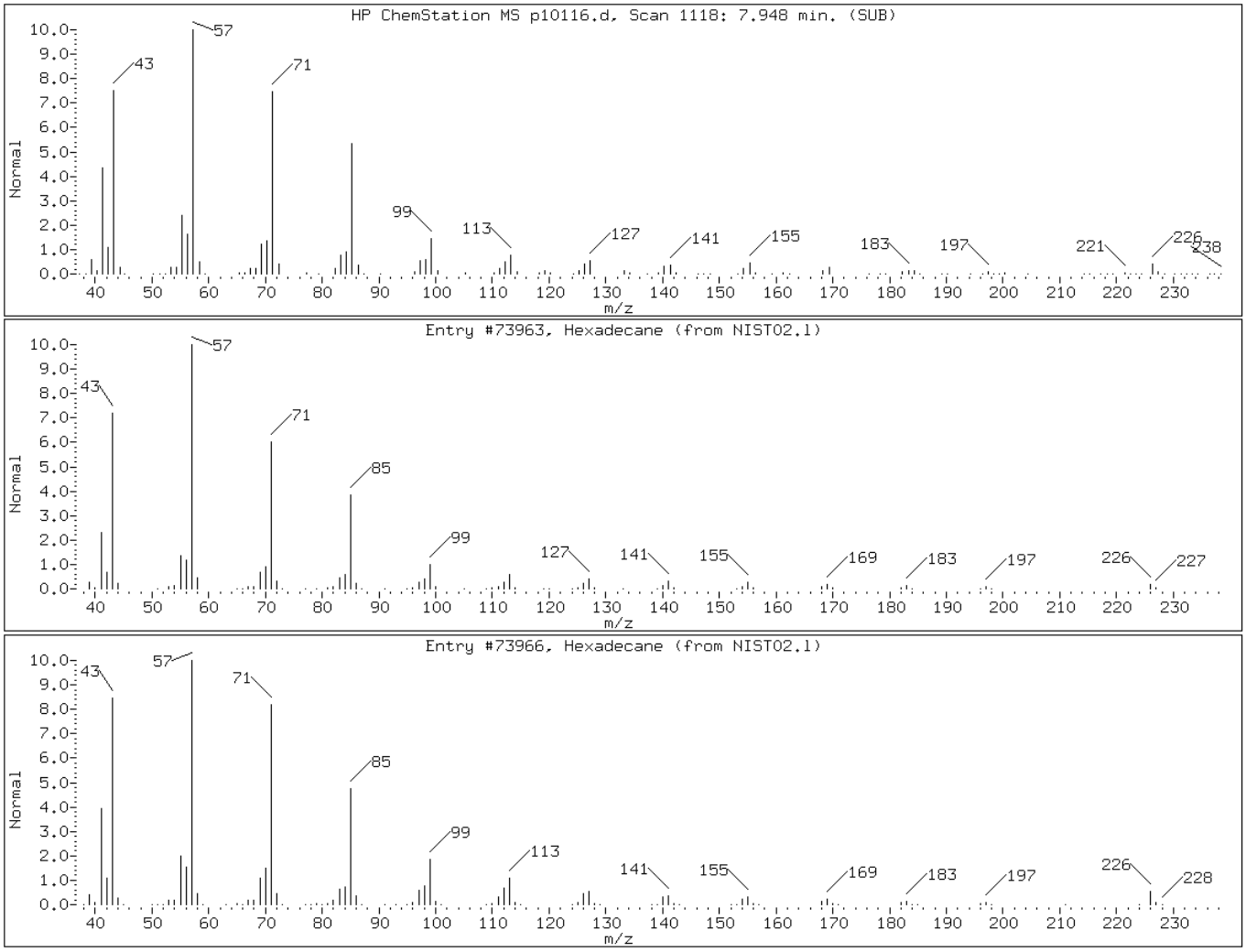
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 7.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Hexadecane	544-76-3	NIST02.l	73963	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	98	C16H34	226



Data File: p10116.d

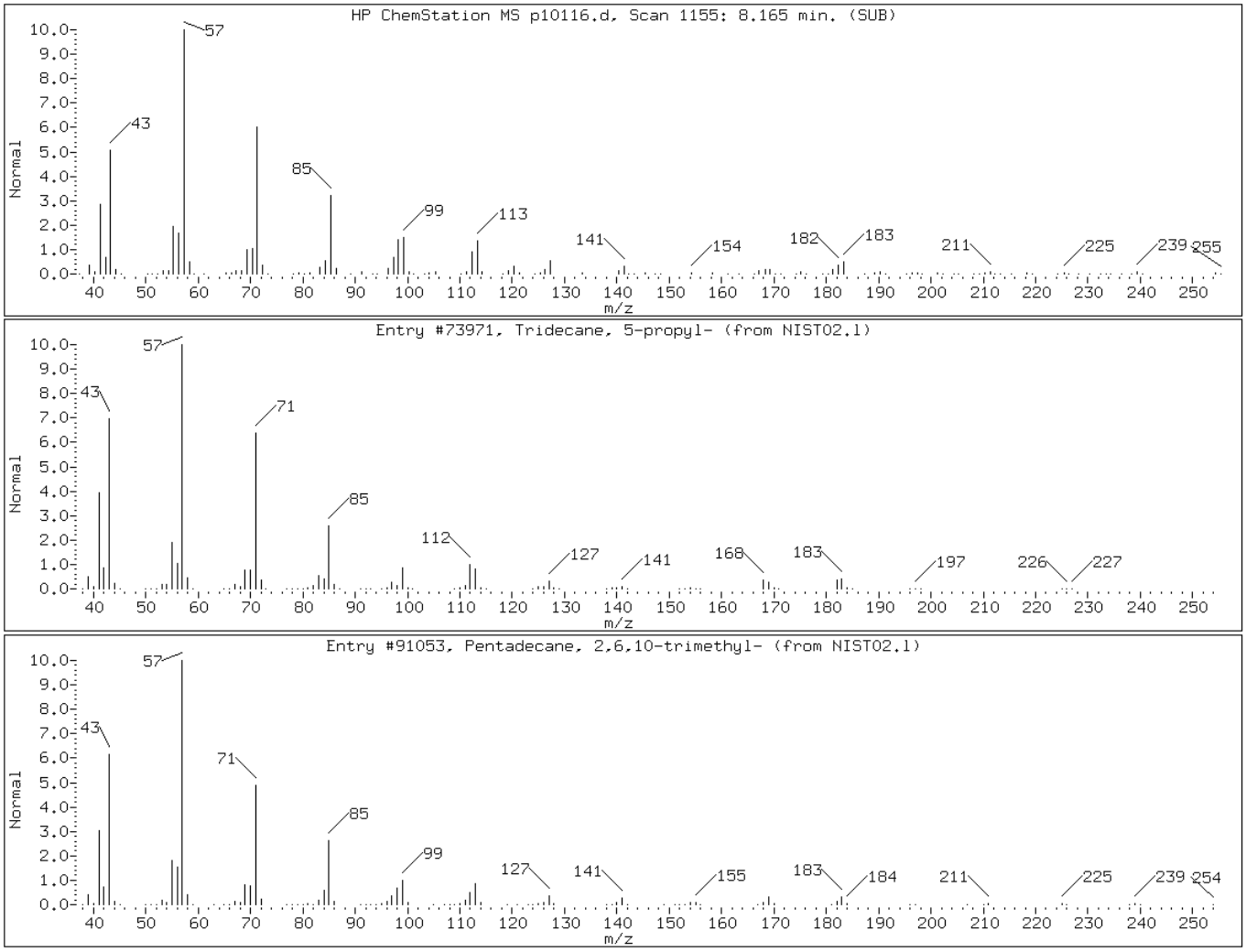
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 8.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	94	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	90	C18H38	254



Data File: p10116.d

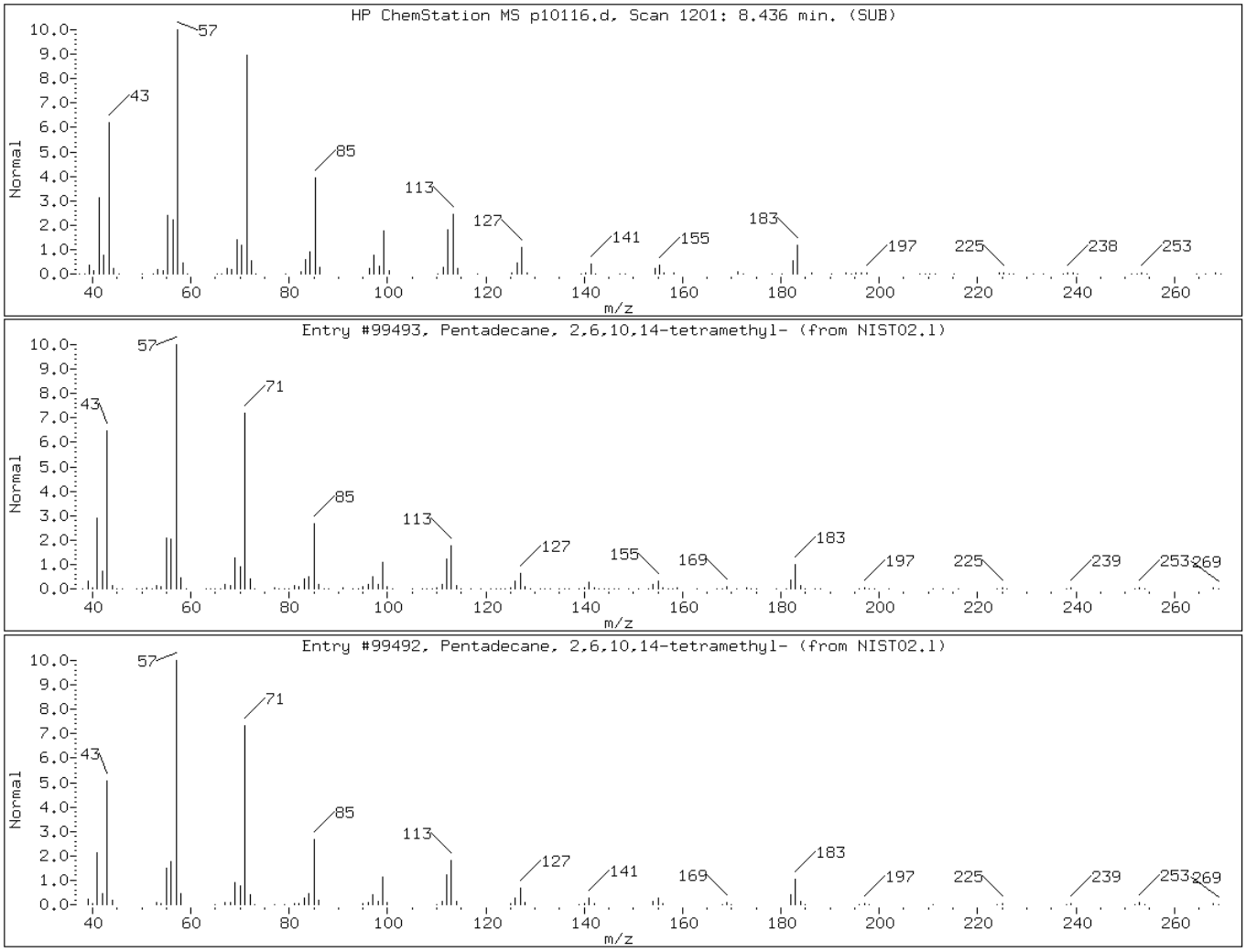
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 8.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	98	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	97	C19H40	268



Data File: p10116.d

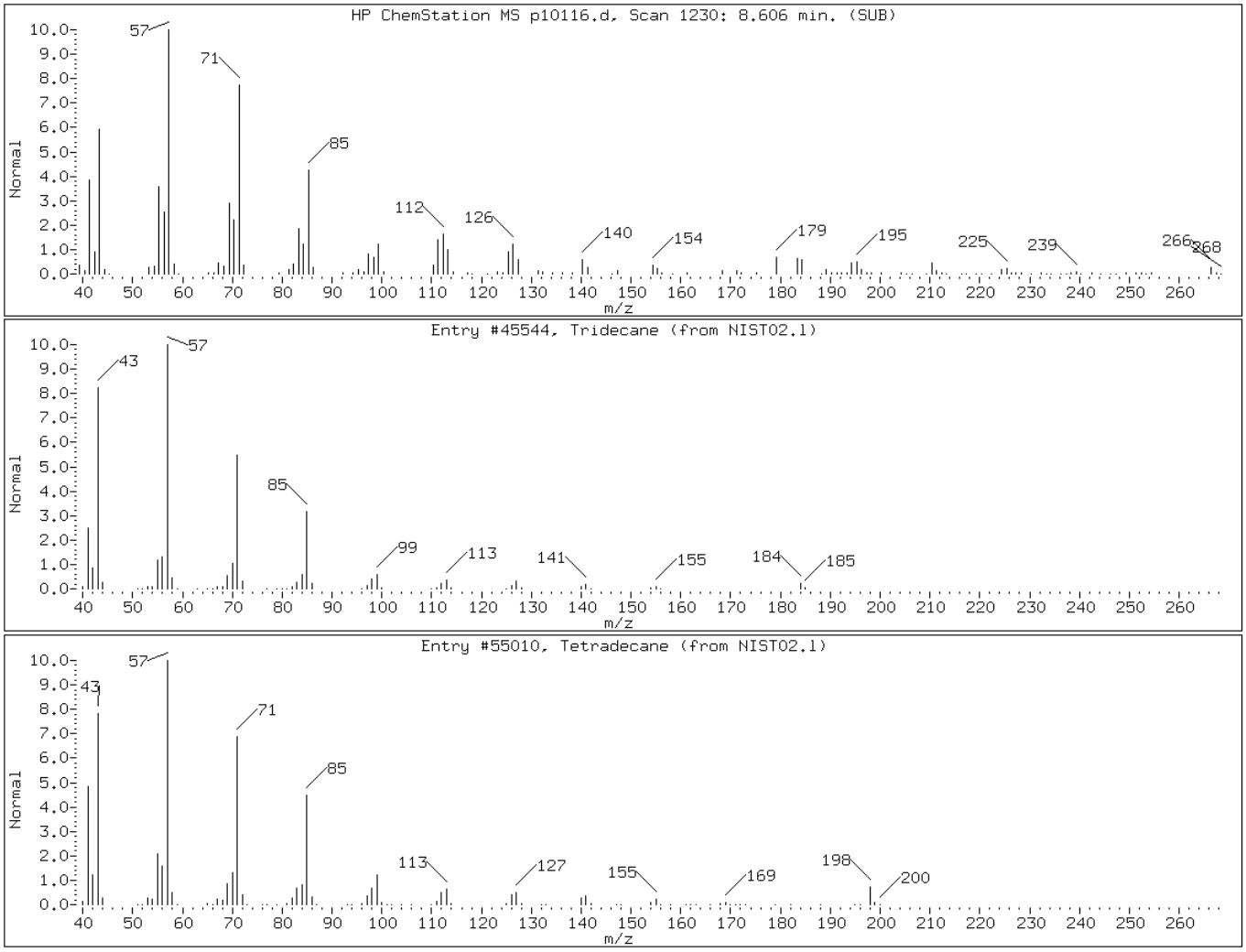
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 8.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Tridecane	629-50-5	NIST02.l	45544	76	C13H28	184
Tetradecane	629-59-4	NIST02.l	55010	76	C14H30	198



Data File: p10116.d

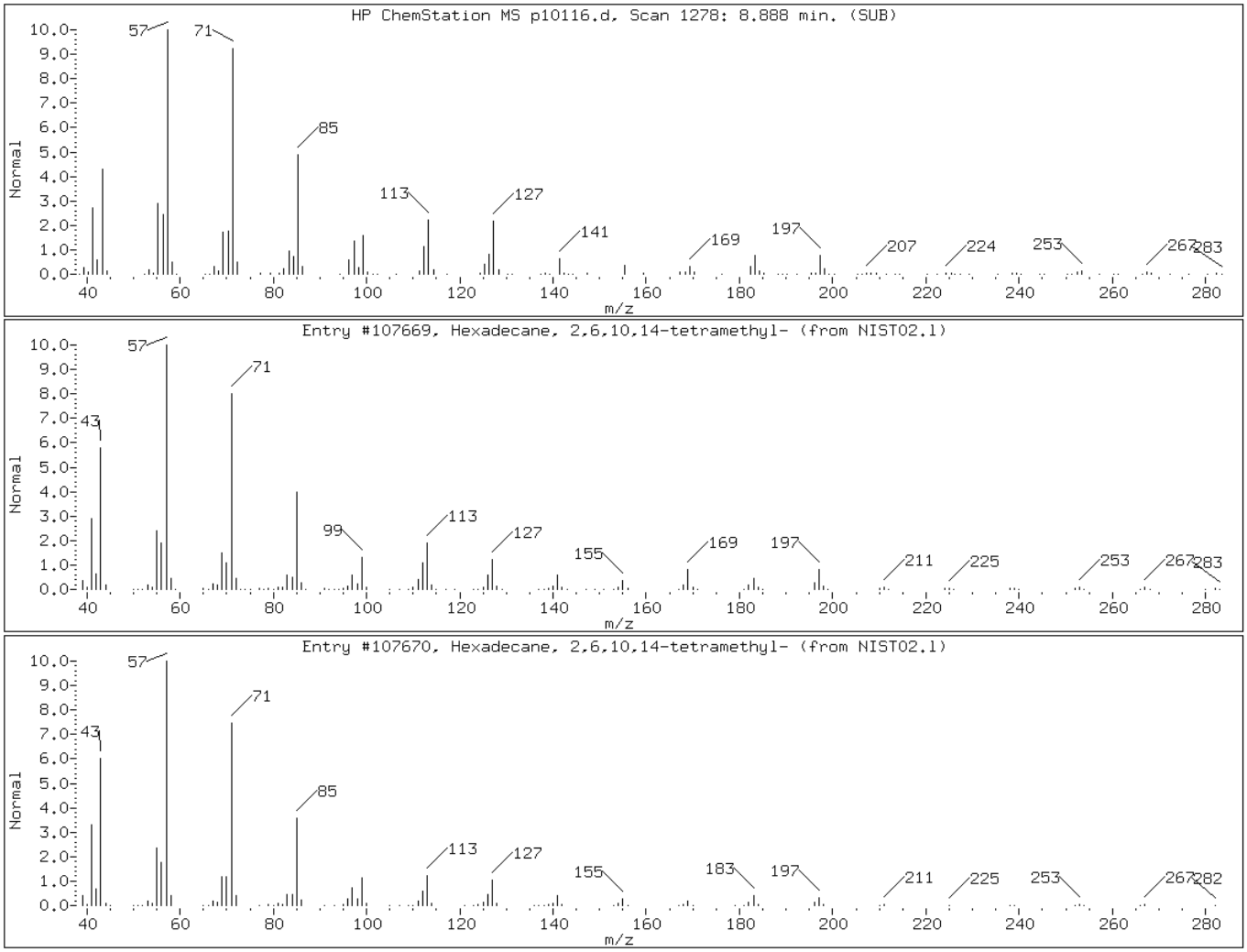
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 8.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107669	93	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	91	C20H42	282



Data File: p10116.d

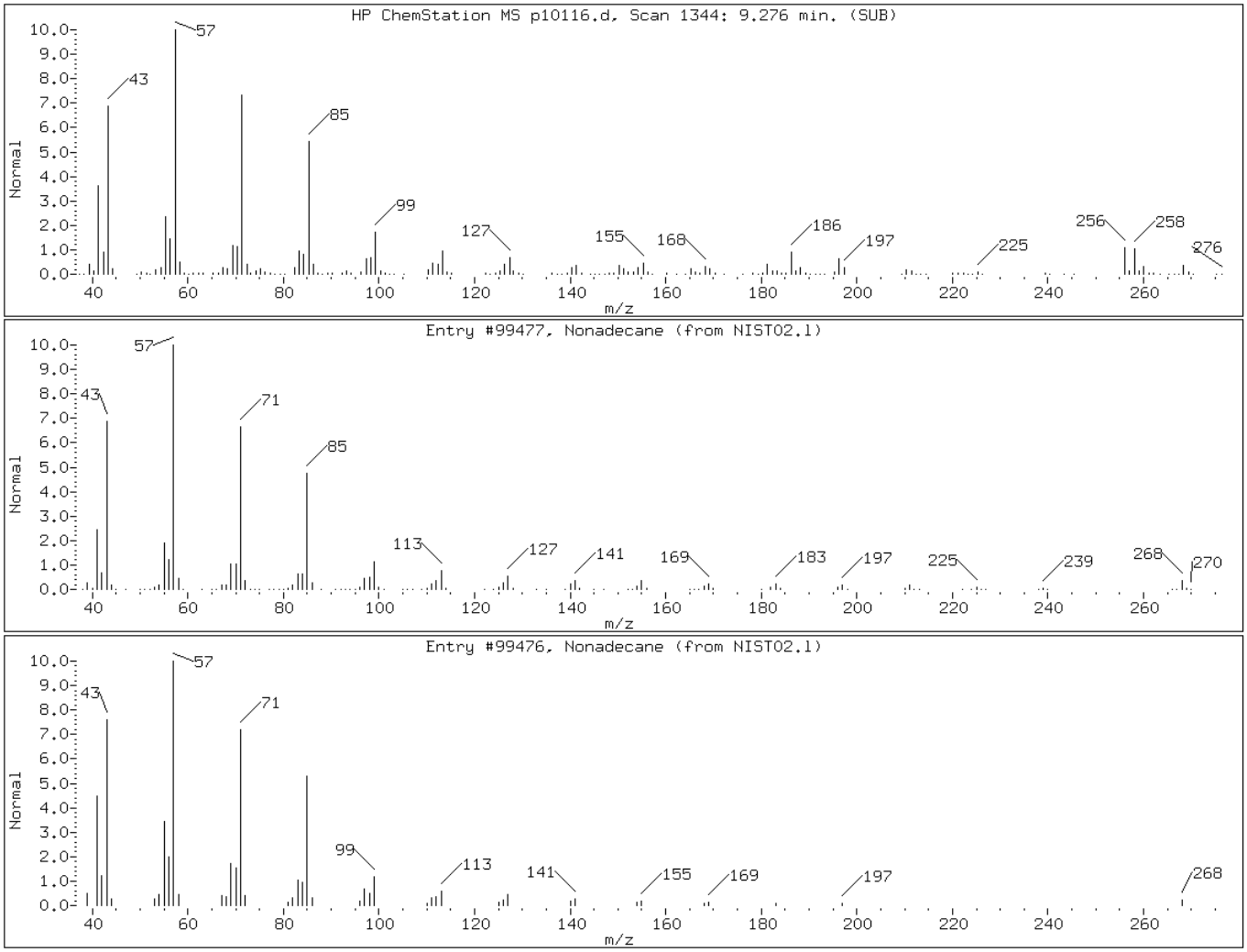
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 9.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Nonadecane	629-92-5	NIST02.l	99477	98	C19H40	268
Nonadecane	629-92-5	NIST02.l	99476	97	C19H40	268



Data File: p10116.d

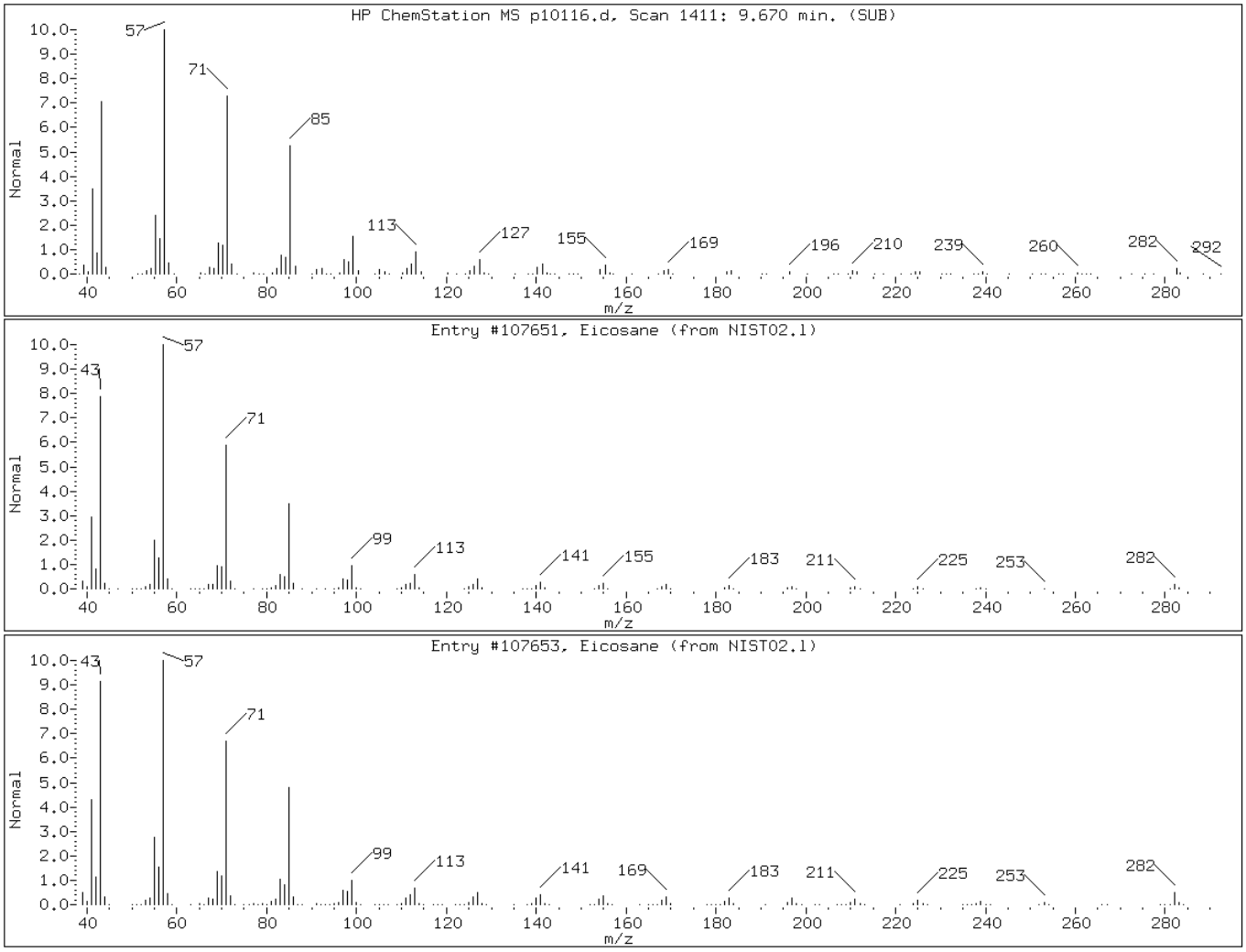
Date: 30-MAR-2011 07:52

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAMS10.i

Sample Info: 460-24277-F-24-A Operator: BNAMS 4

Retention Time: 9.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Eicosane	112-95-8	NIST02.l	107651	96	C20H42	282
Eicosane	112-95-8	NIST02.l	107653	91	C20H42	282



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI2-E (15-17) | Lab Sample ID: 460-24277-25

Matrix: Solid | Lab File ID: p10109.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:10

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.01(g) | Date Analyzed: 03/30/2011 04:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	47
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
106-44-5	4-Methylphenol	380	U	380	63
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	57
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.9
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.5
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	44
88-75-5	2-Nitrophenol	380	U	380	63
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	380	U	380	56
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	77	U	77	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	380	U	380	56
118-74-1	Hexachlorobenzene	38	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	Diphenyl	380	U	380	63
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	770	U	770	100
606-20-2	2,6-Dinitrotoluene	77	U	77	9.7
131-11-3	Dimethyl phthalate	380	U	380	52
208-96-8	Acenaphthylene	380	U	380	55
99-09-2	3-Nitroaniline	770	U	770	86
83-32-9	Acenaphthene	380	U	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI2-E (15-17) | Lab Sample ID: 460-24277-25

Matrix: Solid | Lab File ID: p10109.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:10

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.01(g) | Date Analyzed: 03/30/2011 04:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	98
51-28-5	2,4-Dinitrophenol	1200	U	1200	81
132-64-9	Dibenzofuran	380	U	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	65
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	77	U	77	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	66
100-01-6	4-Nitroaniline	770	U	770	79
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
1912-24-9	Atrazine	380	U	380	71
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	61
85-01-8	Phenanthrene	380	U	380	67
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	380	U	380	66
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.7
50-32-8	Benzo[a]pyrene	38	U	38	4.7
56-55-3	Benzo[a]anthracene	38	U	38	7.1
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
85-68-7	Butyl benzyl phthalate	380	U	380	45
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	51
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
91-94-1	3,3'-Dichlorobenzidine	770	U	770	84
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI2-E (15-17) Lab Sample ID: 460-24277-25

Matrix: Solid Lab File ID: p10109.d

Analysis Method: 8270C Date Collected: 03/18/2011 12:10

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.01(g) Date Analyzed: 03/30/2011 04:44

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		38-105
4165-62-2	Phenol-d5	81		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	81		37-125
321-60-8	2-Fluorobiphenyl	81		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI2-E (15-17) Lab Sample ID: 460-24277-25

Matrix: Solid Lab File ID: p10109.d

Analysis Method: 8270C Date Collected: 03/18/2011 12:10

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.01(g) Date Analyzed: 03/30/2011 04:44

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 430

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.42	430	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10109.d
Report Date: 30-Mar-2011 12:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10109.d
Lab Smp Id: 460-24277-F-25-A Client Smp ID: PMP-28-SI2-E (15-17
Inj Date : 30-MAR-2011 04:44
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-25-A
Misc Info : 460-24277-F-25-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	13.37143	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.907	2.883	(0.678)	790258	81.1020	6200
$ 17 Phenol-d5 (SUR)	99	3.917	3.923	(0.914)	895522	80.9169	6200
* 79 1,4-Dichlorobenzene-d4	152	4.287	4.287	(1.000)	307860	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.865)	431966	41.4344	3200
* 80 Naphthalene-d8	136	5.651	5.657	(1.000)	1075736	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.779	6.785	(0.910)	738981	40.4641	3100
* 82 Acenaphthene-d10	164	7.449	7.454	(1.000)	559461	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.236	8.242	(1.106)	127819	66.9791	5200
* 83 Phenanthrene-d10	188	8.912	8.917	(1.000)	677675	40.0000	
115 n-Octadecane	57	8.841	8.847	(0.992)	12189	1.40718	110(a)
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	437766	39.2046	3000
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	508077	40.0000	
* 84 Perylene-d12	264	13.418	13.424	(1.000)	470020	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10109.d
Report Date: 30-Mar-2011 12:20

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10109.d
Report Date: 30-Mar-2011 12:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10109.d
Lab Smp Id: 460-24277-F-25-A Client Smp ID: PMP-28-SI2-E (15-17
Inj Date : 30-MAR-2011 04:44
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-25-A
Misc Info : 460-24277-F-25-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	13.37143	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 83 Phenanthrene-d10	8.912	1820575	40.000

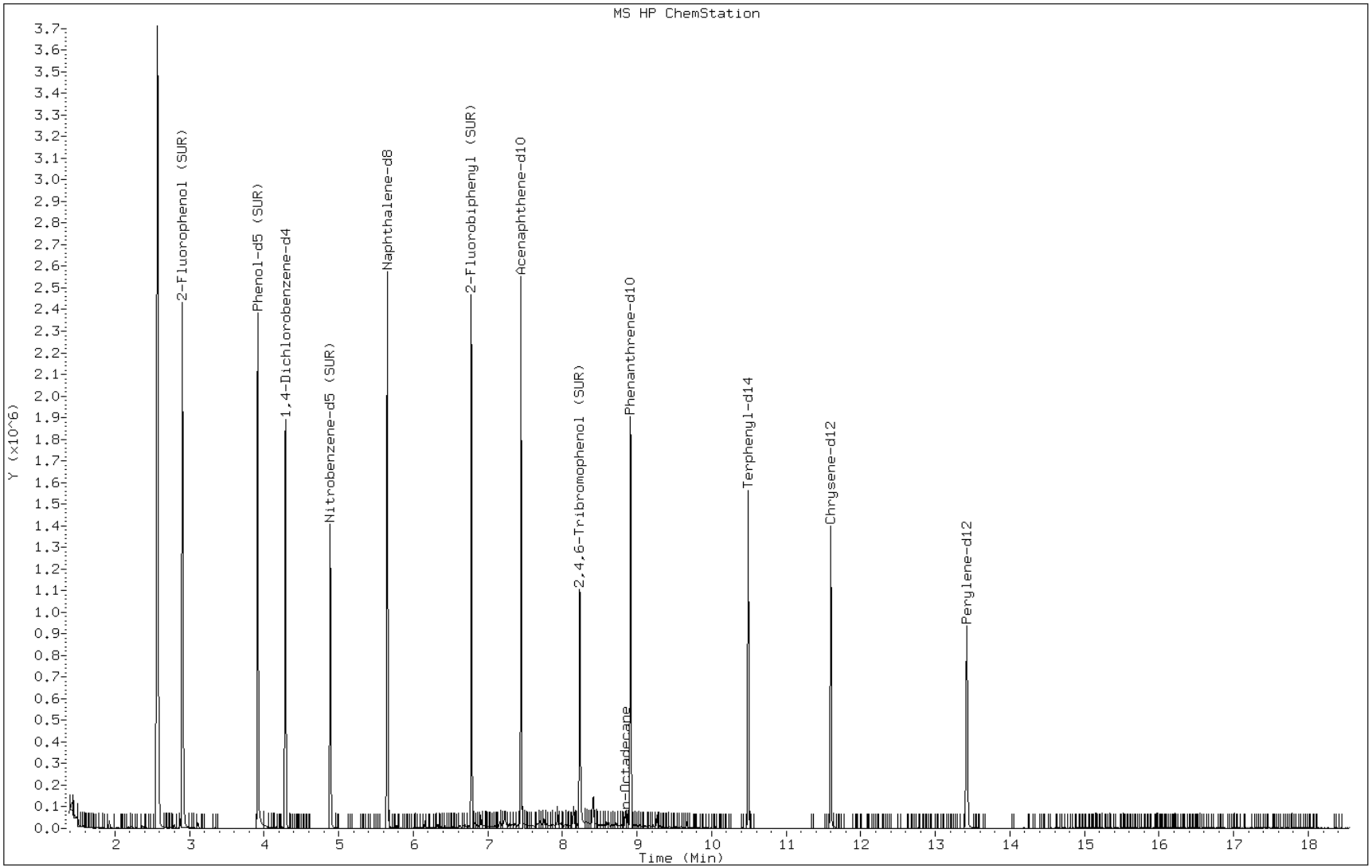
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane					CAS #:		
8.418	253167	5.56235889	430	0		0	83

Data File: p10109.d

Date: 30-MAR-2011 04:44

Client ID: PMP-28-SI2-E (15-17 Instrument: BNAMS10.i

Sample Info: 460-24277-F-25-A Operator: BNAMS 4



Data File: p10109.d

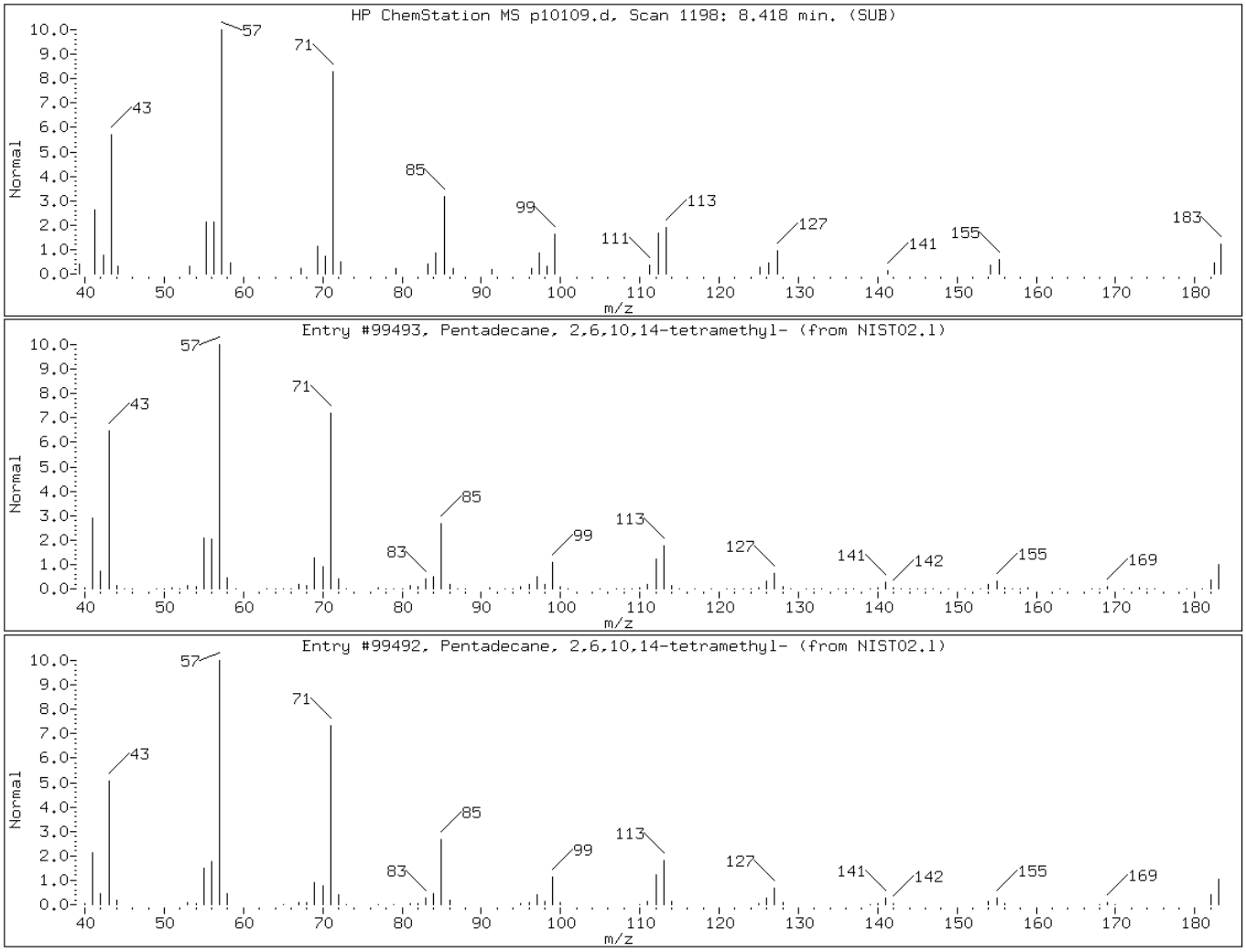
Date: 30-MAR-2011 04:44

Client ID: PMP-28-SI2-E (15-17 Instrument: BNAMS10.i

Sample Info: 460-24277-F-25-A Operator: BNAMS 4

Retention Time: 8.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	91	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	91	C19H40	268



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-VD-E (3.5-4) | Lab Sample ID: 460-24277-26

Matrix: Solid | Lab File ID: p10110.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:30

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.98(g) | Date Analyzed: 03/30/2011 05:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	50
106-44-5	4-Methylphenol	340	U	340	57
100-52-7	Benzaldehyde	340	U	340	22
98-86-2	Acetophenone	340	U	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.6
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U	340	40
88-75-5	2-Nitrophenol	340	U	340	57
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	340	U	340	51
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	70	U	70	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	58
91-57-6	2-Methylnaphthalene	340	U	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	62
95-95-4	2,4,5-Trichlorophenol	340	U	340	67
92-52-4	Diphenyl	340	U	340	57
91-58-7	2-Chloronaphthalene	340	U	340	49
88-74-4	2-Nitroaniline	700	U	700	95
606-20-2	2,6-Dinitrotoluene	70	U	70	8.8
131-11-3	Dimethyl phthalate	340	U	340	47
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	700	U	700	78
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-VD-E (3.5-4) | Lab Sample ID: 460-24277-26

Matrix: Solid | Lab File ID: p10110.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:30

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.98(g) | Date Analyzed: 03/30/2011 05:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	89
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	52
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	53
121-14-2	2,4-Dinitrotoluene	70	U	70	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	700	U	700	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	170
101-55-3	4-Bromophenyl phenyl ether	340	U	340	62
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	61
86-74-8	Carbazole	340	U	340	55
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	60
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U	34	4.3
56-55-3	Benzo[a]anthracene	34	U	34	6.4
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	46
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.2
91-94-1	3,3'-Dichlorobenzidine	700	U	700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-VD-E (3.5-4) | Lab Sample ID: 460-24277-26

Matrix: Solid | Lab File ID: p10110.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:30

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.98(g) | Date Analyzed: 03/30/2011 05:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	87		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	83		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-VD-E (3.5-4) Lab Sample ID: 460-24277-26

Matrix: Solid Lab File ID: p10110.d

Analysis Method: 8270C Date Collected: 03/18/2011 12:30

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.98(g) Date Analyzed: 03/30/2011 05:11

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10110.d
Report Date: 30-Mar-2011 12:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10110.d
Lab Smp Id: 460-24277-F-26-A Client Smp ID: PMP-17-VD-E (3.5-4)
Inj Date : 30-MAR-2011 05:11
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-26-A
Misc Info : 460-24277-F-26-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.98000	Weight of sample extracted (g)
M	4.10959	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.913	2.883	(0.680)	1049461	82.8740	5800
$ 17 Phenol-d5 (SUR)	99	3.917	3.923	(0.915)	1198736	83.3442	5800
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	400096	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.865)	582614	43.2596	3000
* 80 Naphthalene-d8	136	5.651	5.657	(1.000)	1389682	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.779	6.785	(0.910)	984340	42.1426	2900
* 82 Acenaphthene-d10	164	7.449	7.454	(1.000)	715534	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.236	8.242	(1.106)	163123	66.8341	4600
* 83 Phenanthrene-d10	188	8.912	8.917	(1.000)	861702	40.0000	
115 n-Octadecane	57	8.841	8.847	(0.992)	15082	1.36932	95(a)
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	551408	40.5722	2800
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	618400	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	546062	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10110.d
Report Date: 30-Mar-2011 12:21

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10110.d
Report Date: 30-Mar-2011 12:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10110.d
Lab Smp Id: 460-24277-F-26-A Client Smp ID: PMP-17-VD-E (3.5-4)
Inj Date : 30-MAR-2011 05:11
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-26-A
Misc Info : 460-24277-F-26-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

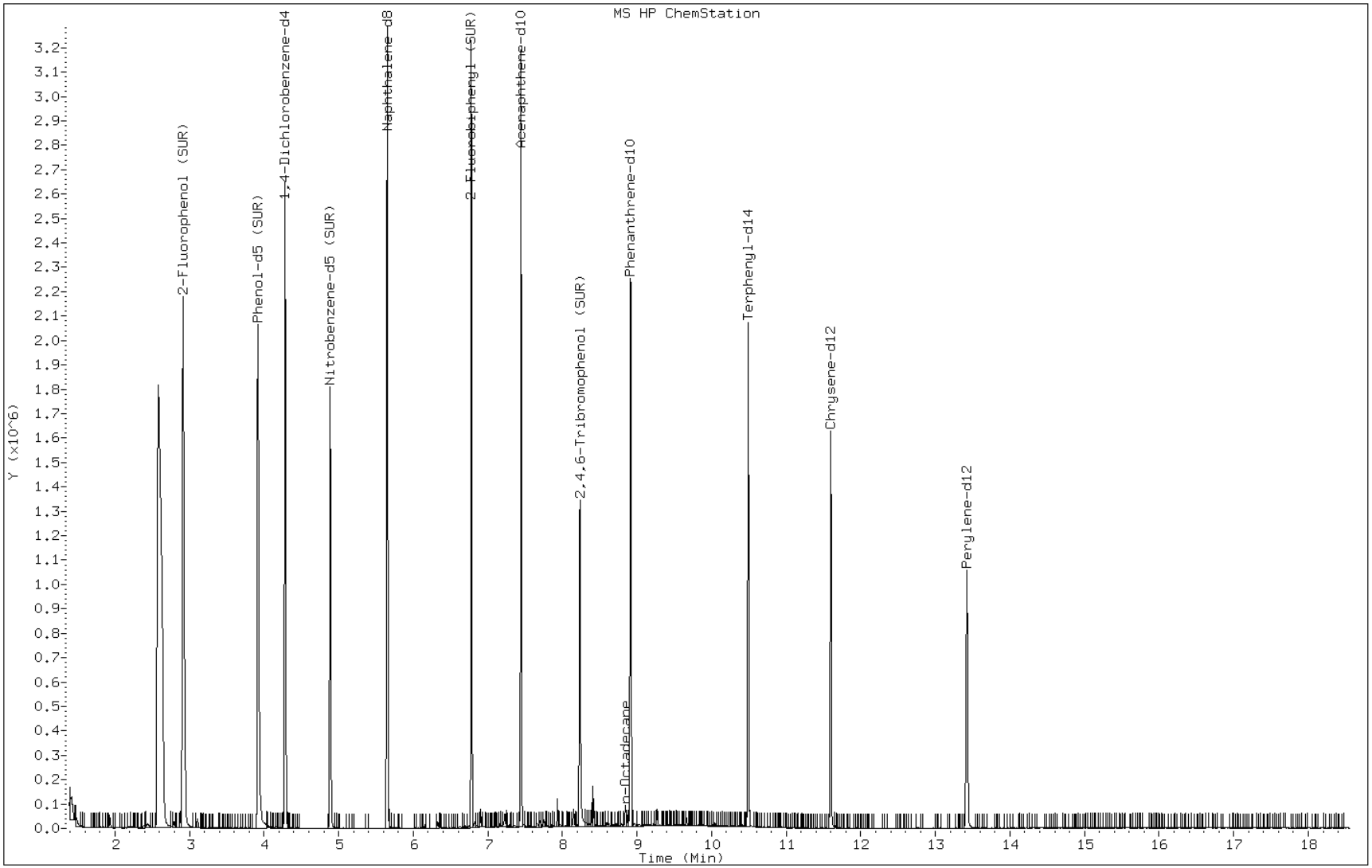
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10110.d

Date: 30-MAR-2011 05:11

Client ID: PMP-17-VD-E (3.5-4) Instrument: BNAMS10.i

Sample Info: 460-24277-F-26-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-WT-E (8-8.5) | Lab Sample ID: 460-24277-27

Matrix: Solid | Lab File ID: p10117.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.97(g) | Date Analyzed: 03/30/2011 08:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	370	U	370	46
95-57-8	2-Chlorophenol	370	U	370	50
95-48-7	2-Methylphenol	370	U	370	54
106-44-5	4-Methylphenol	370	U	370	61
100-52-7	Benzaldehyde	370	U	370	23
98-86-2	Acetophenone	370	U	370	55
111-44-4	Bis(2-chloroethyl)ether	37	U	37	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	370	U	370	49
621-64-7	N-Nitrosodi-n-propylamine	37	U	37	4.9
98-95-3	Nitrobenzene	37	U	37	8.3
67-72-1	Hexachloroethane	37	U	37	6.3
78-59-1	Isophorone	370	U	370	43
88-75-5	2-Nitrophenol	370	U	370	61
105-67-9	2,4-Dimethylphenol	370	U	370	60
120-83-2	2,4-Dichlorophenol	370	U	370	60
111-91-1	Bis(2-chloroethoxy)methane	370	U	370	53
91-20-3	Naphthalene	370	U	370	54
106-47-8	4-Chloroaniline	370	U	370	47
87-68-3	Hexachlorobutadiene	75	U	75	15
105-60-2	Caprolactam	370	U	370	51
59-50-7	4-Chloro-3-methylphenol	370	U	370	62
91-57-6	2-Methylnaphthalene	1900		370	54
118-74-1	Hexachlorobenzene	37	U	37	5.2
77-47-4	Hexachlorocyclopentadiene	370	U	370	110
88-06-2	2,4,6-Trichlorophenol	370	U	370	67
95-95-4	2,4,5-Trichlorophenol	370	U	370	72
92-52-4	Diphenyl	370	U	370	61
91-58-7	2-Chloronaphthalene	370	U	370	53
88-74-4	2-Nitroaniline	750	U	750	100
606-20-2	2,6-Dinitrotoluene	75	U	75	9.5
131-11-3	Dimethyl phthalate	370	U	370	50
208-96-8	Acenaphthylene	370	U	370	53
99-09-2	3-Nitroaniline	750	U	750	84
83-32-9	Acenaphthene	370	U	370	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-WT-E (8-8.5) | Lab Sample ID: 460-24277-27

Matrix: Solid | Lab File ID: p10117.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.97(g) | Date Analyzed: 03/30/2011 08:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	96
51-28-5	2,4-Dinitrophenol	1100	U	1100	79
132-64-9	Dibenzofuran	370	U	370	56
84-66-2	Diethyl phthalate	370	U	370	50
86-73-7	Fluorene	370	U	370	63
206-44-0	Fluoranthene	370	U	370	62
84-74-2	Di-n-butyl phthalate	370	U	370	57
121-14-2	2,4-Dinitrotoluene	75	U	75	11
7005-72-3	4-Chlorophenyl phenyl ether	370	U	370	64
100-01-6	4-Nitroaniline	750	U	750	77
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	370	U	370	66
1912-24-9	Atrazine	370	U	370	69
120-12-7	Anthracene	370	U	370	66
86-74-8	Carbazole	370	U	370	59
85-01-8	Phenanthrene	1600		370	65
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	370	U	370	64
218-01-9	Chrysene	370	U	370	54
207-08-9	Benzo[k]fluoranthene	37	U	37	5.2
191-24-2	Benzo[g,h,i]perylene	370	U	370	39
205-99-2	Benzo[b]fluoranthene	37	U	37	5.5
50-32-8	Benzo[a]pyrene	37	U	37	4.6
56-55-3	Benzo[a]anthracene	37	U	37	6.9
86-30-6	N-Nitrosodiphenylamine	370	U	370	61
85-68-7	Butyl benzyl phthalate	370	U	370	43
117-81-7	Bis(2-ethylhexyl) phthalate	370	U	370	49
117-84-0	Di-n-octyl phthalate	370	U	370	44
193-39-5	Indeno[1,2,3-cd]pyrene	37	U	37	6.0
53-70-3	Dibenz(a,h)anthracene	37	U	37	4.5
91-94-1	3,3'-Dichlorobenzidine	750	U	750	82
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	370	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-WT-E (8-8.5) Lab Sample ID: 460-24277-27

Matrix: Solid Lab File ID: p10117.d

Analysis Method: 8270C Date Collected: 03/18/2011 12:35

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.97(g) Date Analyzed: 03/30/2011 08:19

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	112	X	38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	84		16-151
118-79-6	2,4,6-Tribromophenol	99		10-120
367-12-4	2-Fluorophenol	87		37-125
321-60-8	2-Fluorobiphenyl	96		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-WT-E (8-8.5) | Lab Sample ID: 460-24277-27

Matrix: Solid | Lab File ID: p10117.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.97(g) | Date Analyzed: 03/30/2011 08:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 212300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	5.73	5100	J
	Unknown Alkane-5	6.38	6600	J
	Unknown Alkane-7	6.97	5700	J
575-41-7	1,3-Dimethylnaphthalene	7.16	15000	E
	Unknown Alkane-8	7.28	5100	J
	Unknown Alkane-9	7.50	20000	J
	Trimethylnaphthalene isomer-1	7.71	8400	J
	Unknown Alkane-10	7.80	5800	J
	Trimethylnaphthalene isomer-2	7.83	7000	J
	Trimethylnaphthalene isomer-3	7.91	5700	J
	Unknown Alkane-11	8.00	16000	J
	Unknown Alkane-12	8.20	12000	J
	Unknown Cycloalkane-2	8.29	5000	J
	Unknown Alkane-13	8.48	25000	J
	Unknown Alkane-14	8.64	5900	J
593-45-3	n-Octadecane	8.89	32000	E
	Unknown-2	8.92	6700	J
	Unknown Alkane-15	9.31	12000	J
	Unknown Alkane-16	9.69	7600	J
	Unknown Alkane-17	10.06	5700	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10117.d
Report Date: 05-Apr-2011 17:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10117.d
Lab Smp Id: 460-24277-F-27-A Client Smp ID: PMP-17-WT-E (8-8.5)
Inj Date : 30-MAR-2011 08:19
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-27-A
Misc Info : 460-24277-F-27-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 47
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.97000	Weight of sample extracted (g)
M	11.00124	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.907	2.883	(0.678)	895767	86.8649	6500
$ 17 Phenol-d5 (SUR)	99	3.917	3.923	(0.914)	1021021	87.1734	6500
113 n-decane	43	4.141	4.135	(0.966)	523910	47.9410	3600
* 79 1,4-Dichlorobenzene-d4	152	4.288	4.287	(1.000)	325812	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.893	4.899	(0.862)	565393	56.1719	4200(R)
30 1,2,4-Trichlorobenzene	180	5.621	5.604	(0.991)	129768	14.1752	1100
* 80 Naphthalene-d8	136	5.674	5.657	(1.000)	1038599	40.0000	
34 2-Methylnaphthalene	142	6.432	6.403	(1.134)	437233	25.4592	1900
120 1-Methylnaphthalene	142	6.532	6.503	(1.151)	563652	32.3826	2400
$ 77 2-Fluorobiphenyl (SUR)	172	6.808	6.785	(0.917)	664176	48.0694	3600(H)
125 1,3-Dimethylnaphthalene	156	7.161	7.120	(0.964)	2011197	202.804	15000(AH)
* 82 Acenaphthene-d10	164	7.490	7.454	(1.000)	423274	40.0000	(H)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.277	8.242	(1.115)	143408	99.3265	7400

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10117.d
Report Date: 05-Apr-2011 17:32

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 83 Phenanthrene-d10	188	8.953	8.917	(1.000)	707237	40.0000	(H)
115 n-Octadecane	57	8.894	8.847	(0.999)	3886370	429.914	32000(A)
52 Phenanthrene	178	8.976	8.941	(1.009)	438617	21.3267	1600
$ 78 Terphenyl-d14	244	10.498	10.492	(0.905)	606218	42.1811	3200
* 81 Chrysene-d12	240	11.603	11.603	(1.000)	653936	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	565248	40.0000	

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10117.d
Report Date: 05-Apr-2011 17:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10117.d
Lab Smp Id: 460-24277-F-27-A Client Smp ID: PMP-17-WT-E (8-8.5)
Inj Date : 30-MAR-2011 08:19
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-27-A
Misc Info : 460-24277-F-27-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 47
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.97000	Weight of sample extracted (g)
M	11.00124	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.674	14777110	40.000
* 83 Phenanthrene-d10	8.953	4831107	40.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
4.999	11726941	31.7435285	2400	0		0	80

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10117.d
Report Date: 05-Apr-2011 17:32

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Tetramethylbenzene isomer					CAS #:		
5.181	8373262	22.6654911	1700	0		0	80(L)
Decahydromethylnaphthalene isomer					CAS #:		
5.298	8676468	23.4862360	1800	0		0	80
C10H12 Aromatic					CAS #:		
5.404	11062991	29.9462891	2200	0		0	80
Unknown Alkane-2					CAS #:		
5.733	25063813	67.8449645	5100	0		0	80
Unknown Alkane-3					CAS #:		
5.815	14685212	39.7512420	3000	0		0	80
Unknown Alkane-4					CAS #:		
6.197	17213661	46.5954726	3500	0		0	80
Unknown Alkane-5					CAS #:		
6.379	32351108	87.5708629	6600	0		0	80
Unknown Cycloalkane-1					CAS #:		
6.667	16633710	45.0256100	3400	0		0	80
Unknown Alkane-6					CAS #:		
6.814	22063814	59.7242974	4500	0		0	80
Unknown Alkane-7					CAS #:		
6.967	28175667	76.2684071	5700	0		0	80
Unknown Alkane-8					CAS #:		
7.284	25213401	68.2498821	5100	0		0	80
Unknown-1					CAS #:		
7.402	7654627	63.3778217	4800	0		0	83
Unknown Alkane-9					CAS #:		
7.502	32192931	266.546984	20000	0		0	83
Trimethylnaphthalene isomer-1					CAS #:		
7.713	13443623	111.308819	8400	0		0	83
Unknown Alkane-10					CAS #:		
7.801	9375271	77.6241922	5800	0		0	83

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10117.d
Report Date: 05-Apr-2011 17:32

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trimethylnaphthalene isomer-2					CAS #:		
7.831	11247068	93.1220620	7000	0		0	83
Trimethylnaphthalene isomer-3					CAS #:		
7.913	9167731	75.9058265	5700	0		0	83
Unknown Alkane-11					CAS #:		
7.995	25083900	207.686525	16000	0		0	83
Unknown Alkane-12					CAS #:		
8.201	20090607	166.343686	12000	0		0	83
Unknown Cycloalkane-2					CAS #:		
8.295	8022590	66.4244318	5000	0		0	83
Unknown Alkane-13					CAS #:		
8.483	40683102	336.842836	25000	0		0	83
Unknown Alkane-14					CAS #:		
8.636	9488555	78.5621456	5900	0		0	83
Unknown-2					CAS #:		
8.923	10810198	89.5049160	6700	0		0	83
Unknown Alkane-15					CAS #:		
9.305	19352756	160.234520	12000	0		0	83
Unknown Alkane-16					CAS #:		
9.693	12302209	101.858286	7600	0		0	83
Unknown Alkane-17					CAS #:		
10.063	9224551	76.3762779	5700	0		0	83

QC Flag Legend

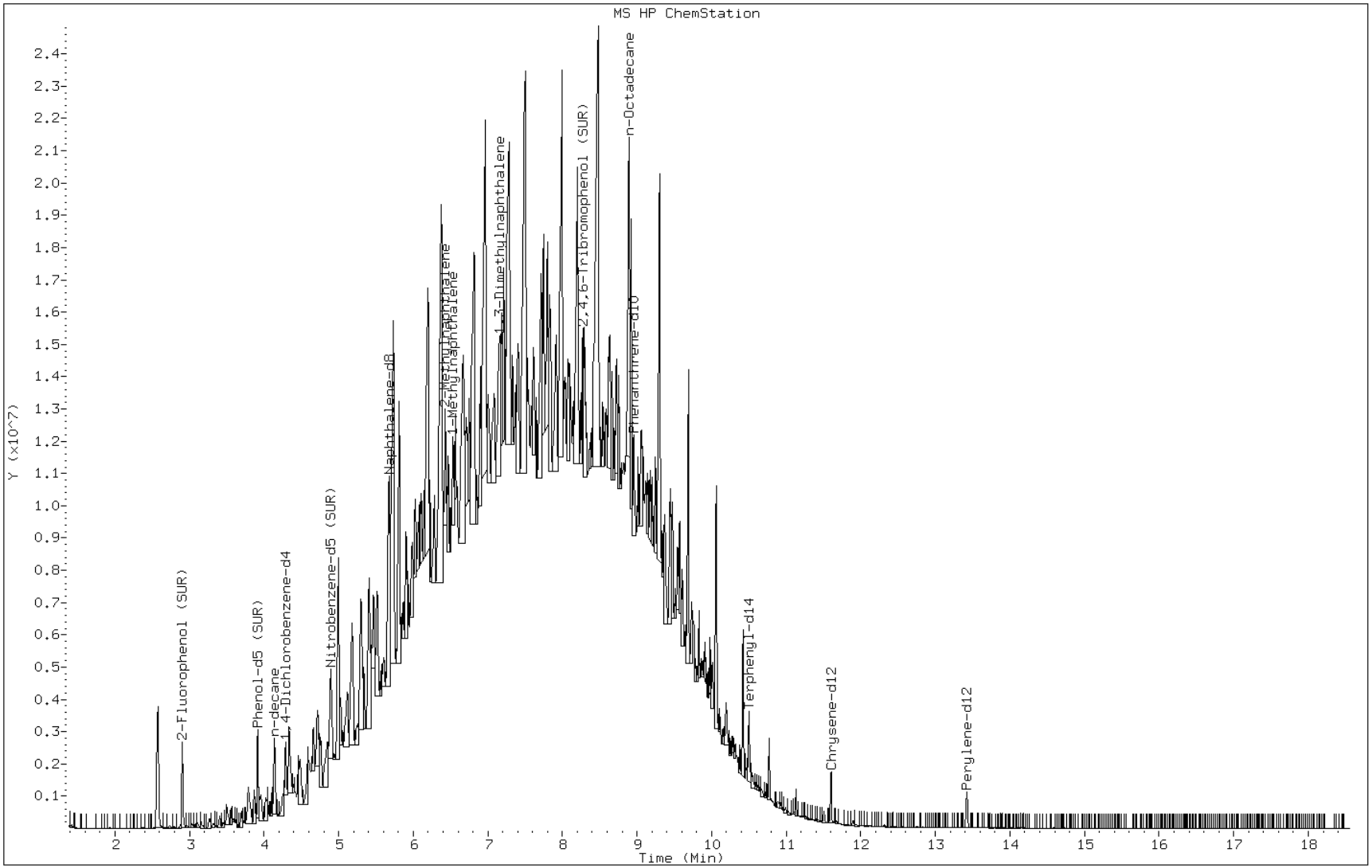
L - Operator selected an alternate library search match.

Data File: p10117.d

Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4



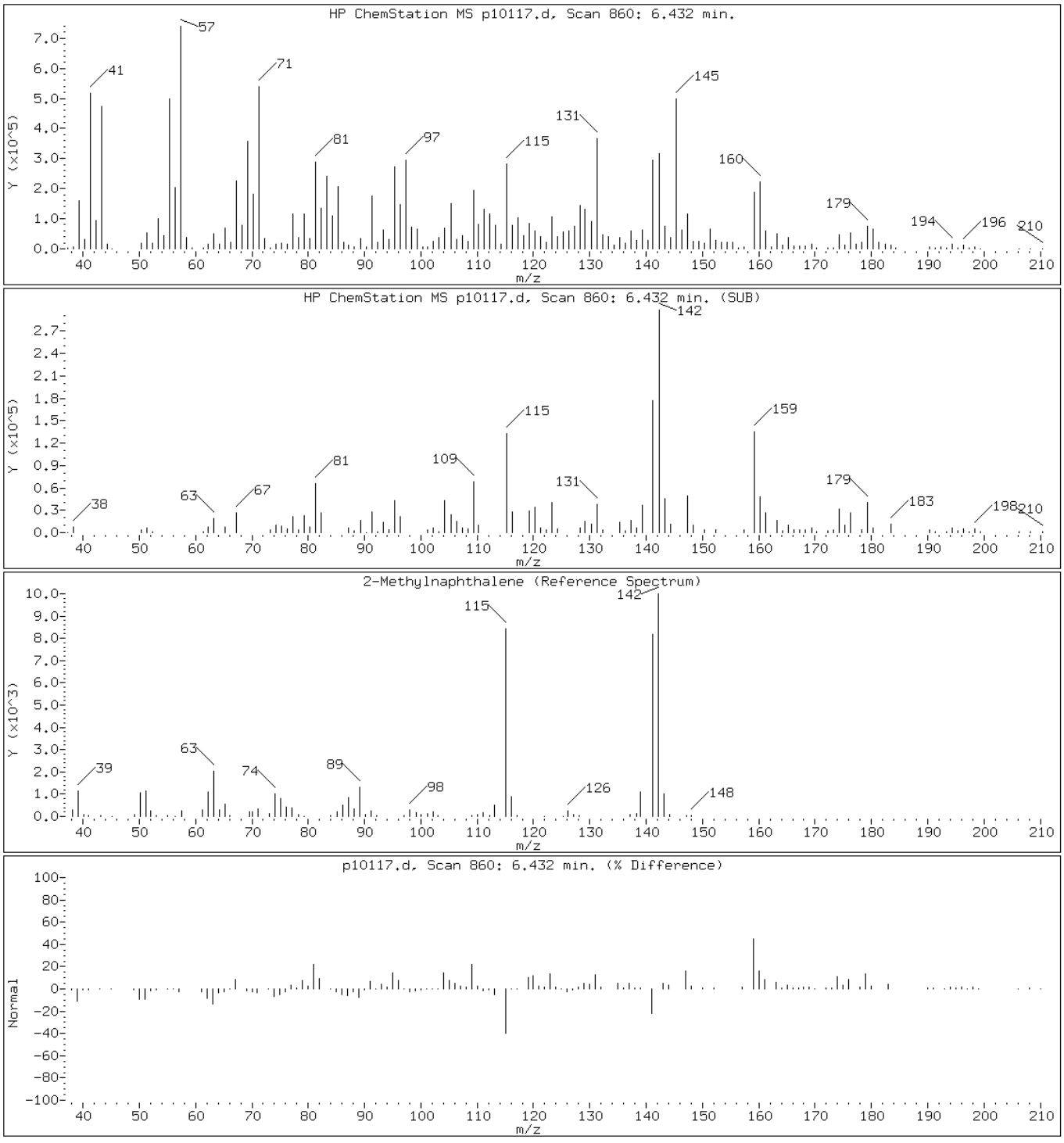
Data File: p10117.d

Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

34 2-Methylnaphthalene



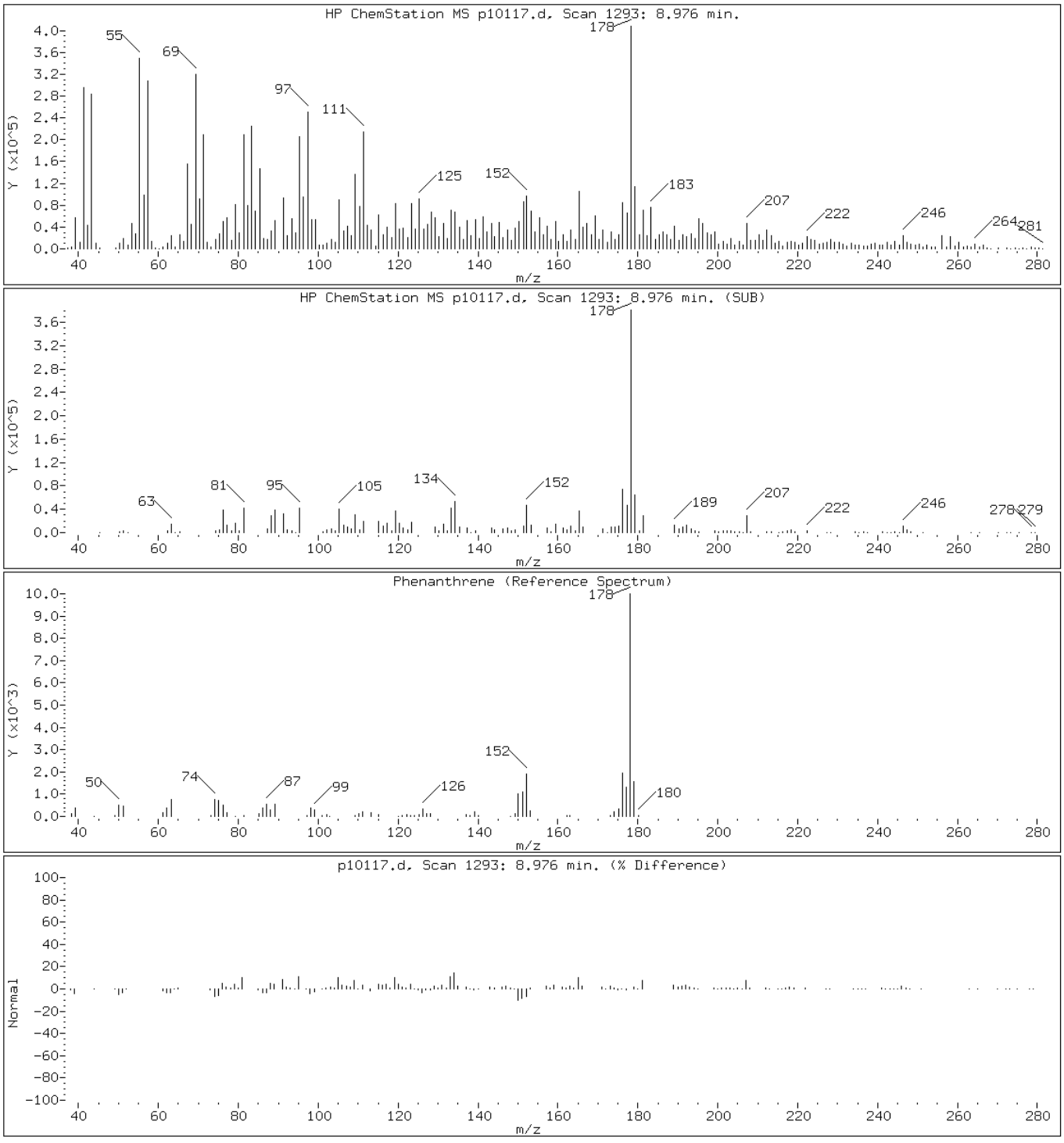
Data File: p10117.d

Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

52 Phenanthrene



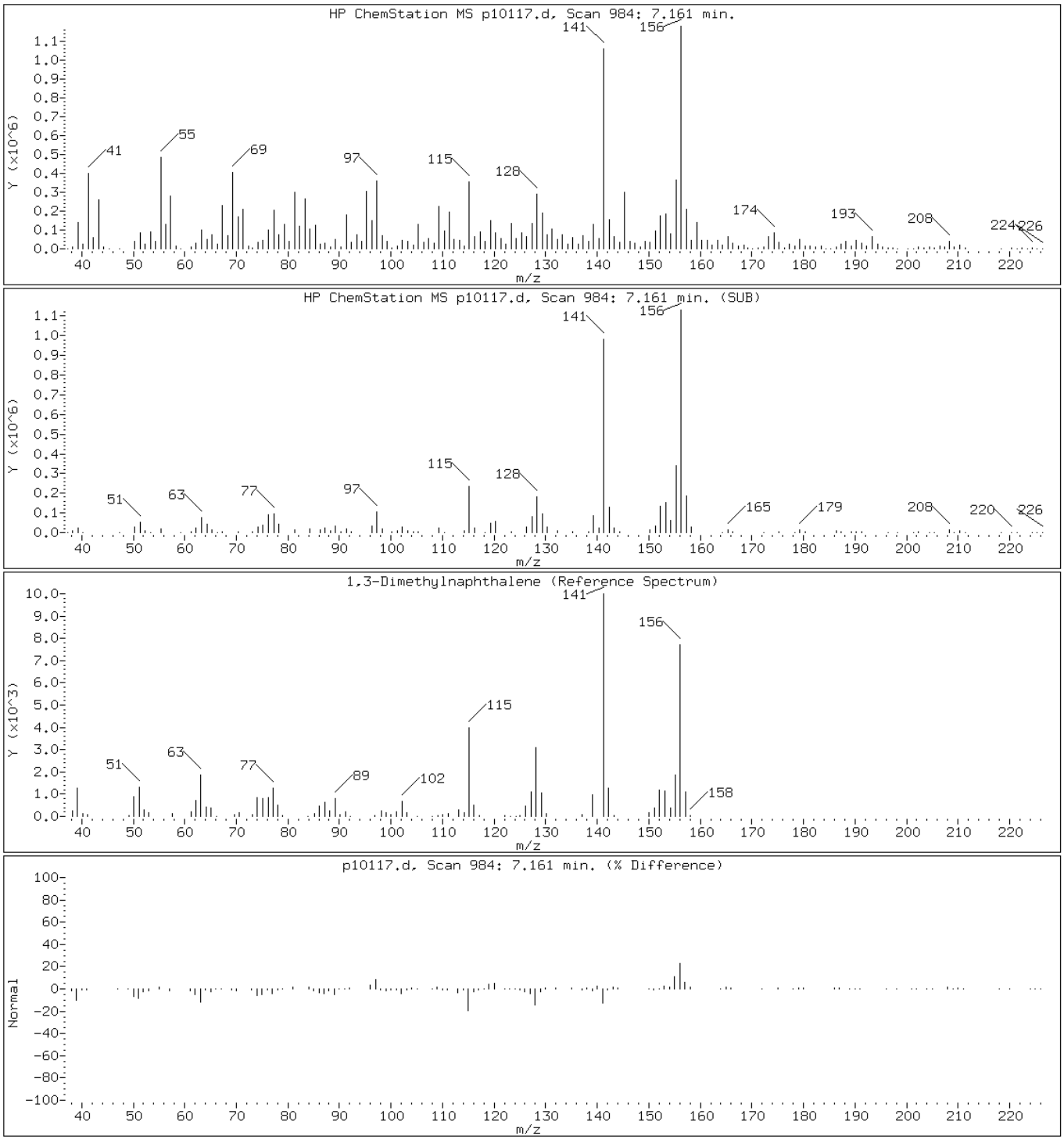
Data File: p10117.d

Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



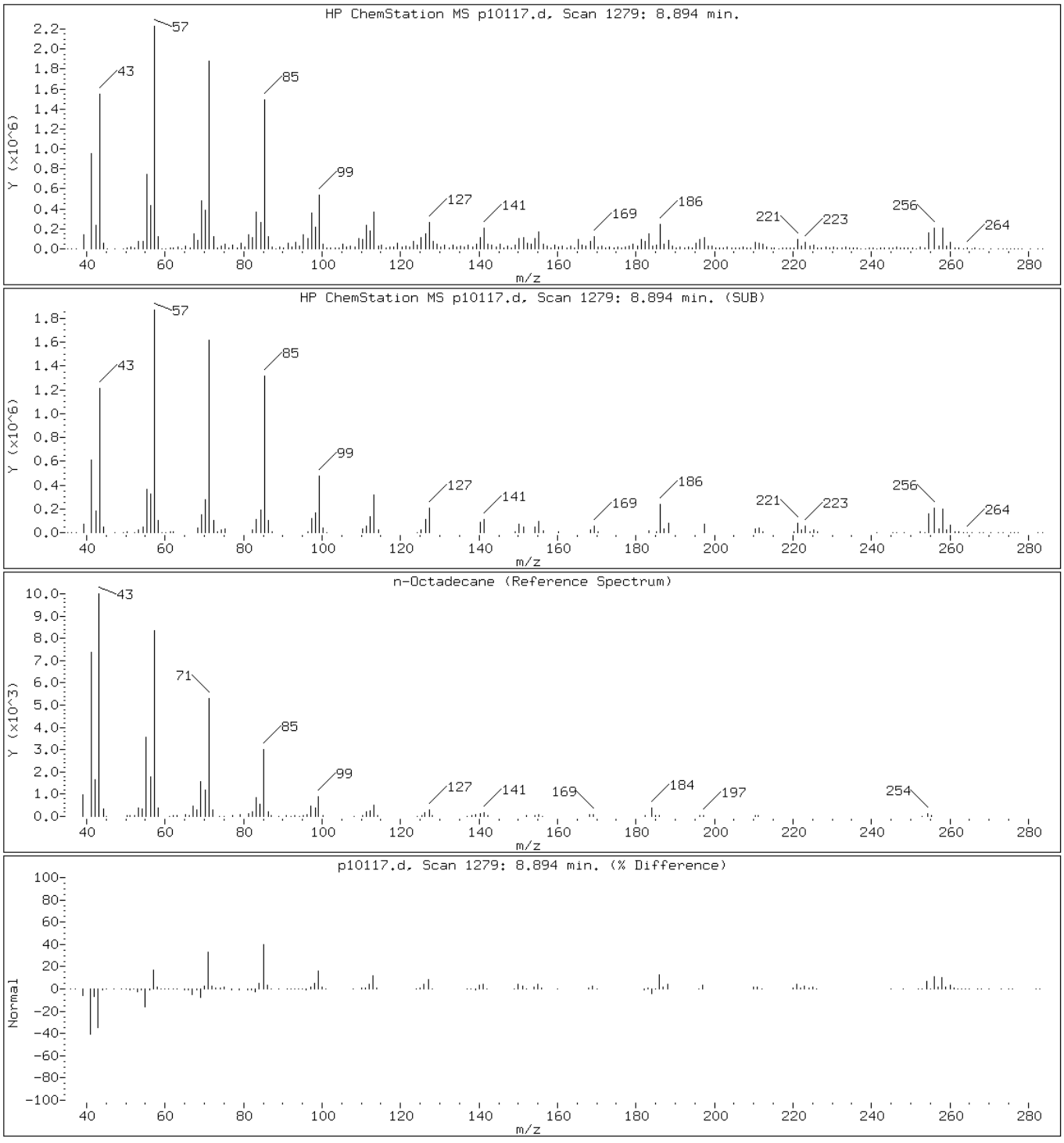
Data File: p10117.d

Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

115 n-Octadecane



Data File: p10117.d

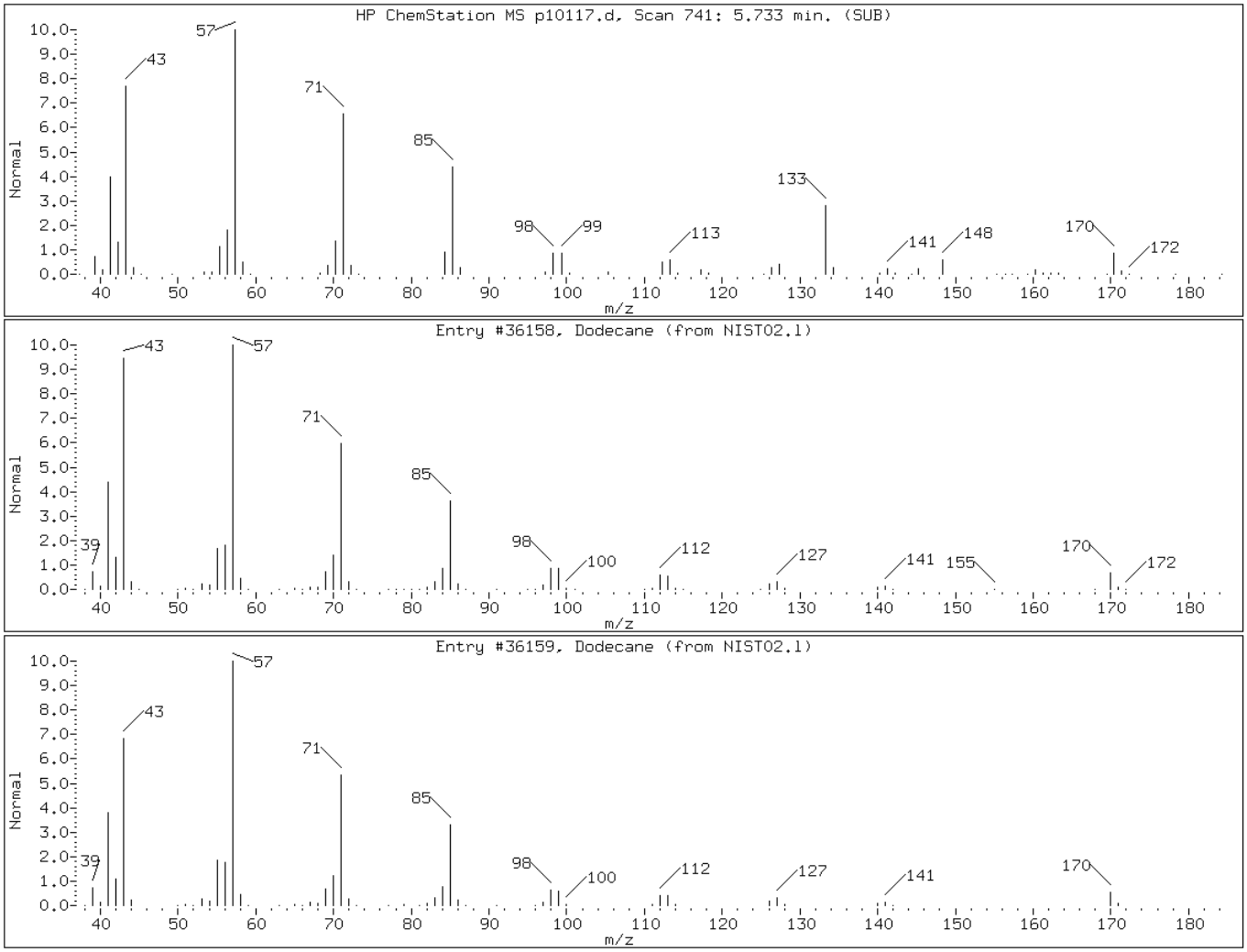
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 5.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane	112-40-3	NIST02.l	36158	96	C12H26	170
Dodecane	112-40-3	NIST02.l	36159	96	C12H26	170



Data File: p10117.d

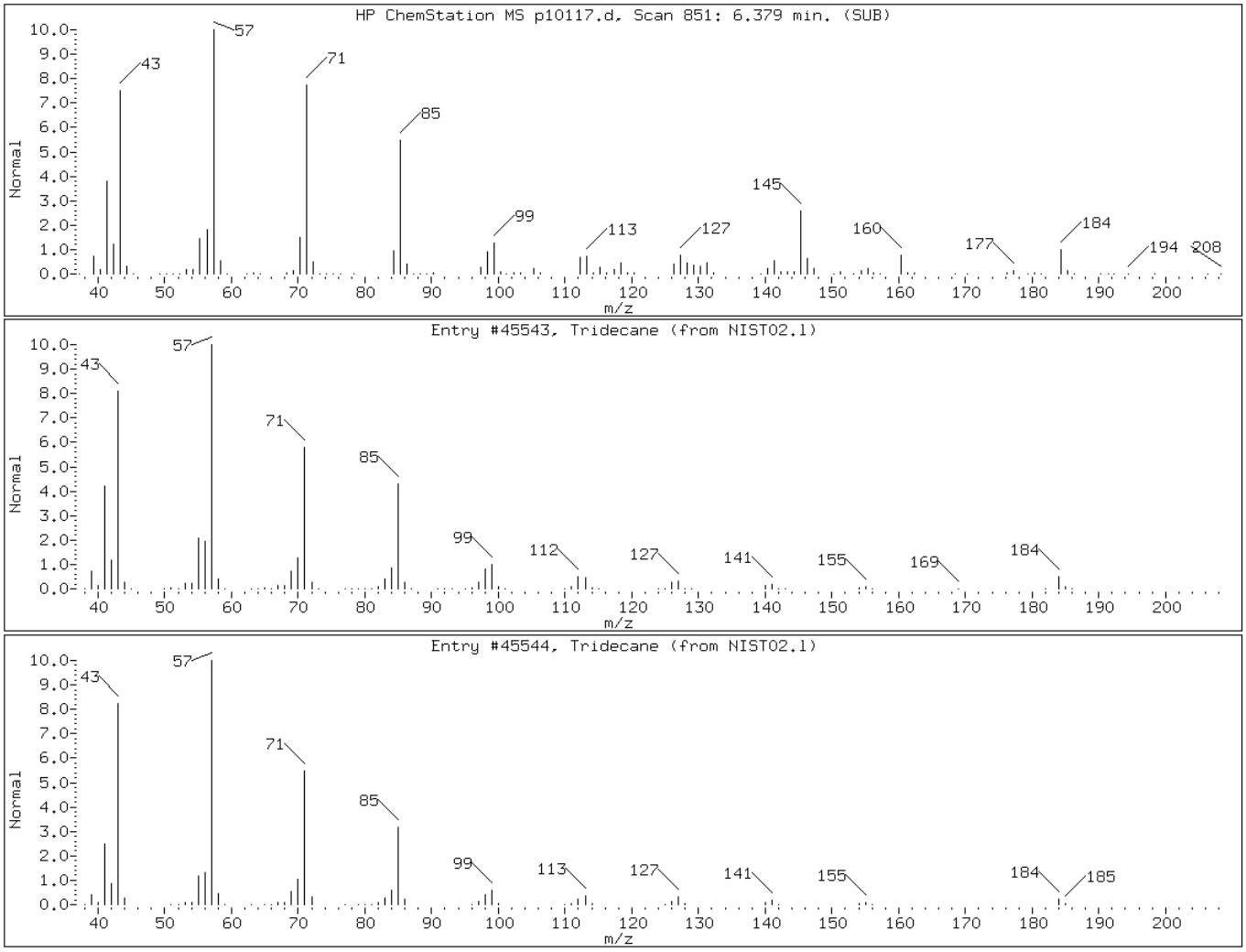
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 6.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tridecane	629-50-5	NIST02.l	45543	97	C13H28	184
Tridecane	629-50-5	NIST02.l	45544	95	C13H28	184



Data File: p10117.d

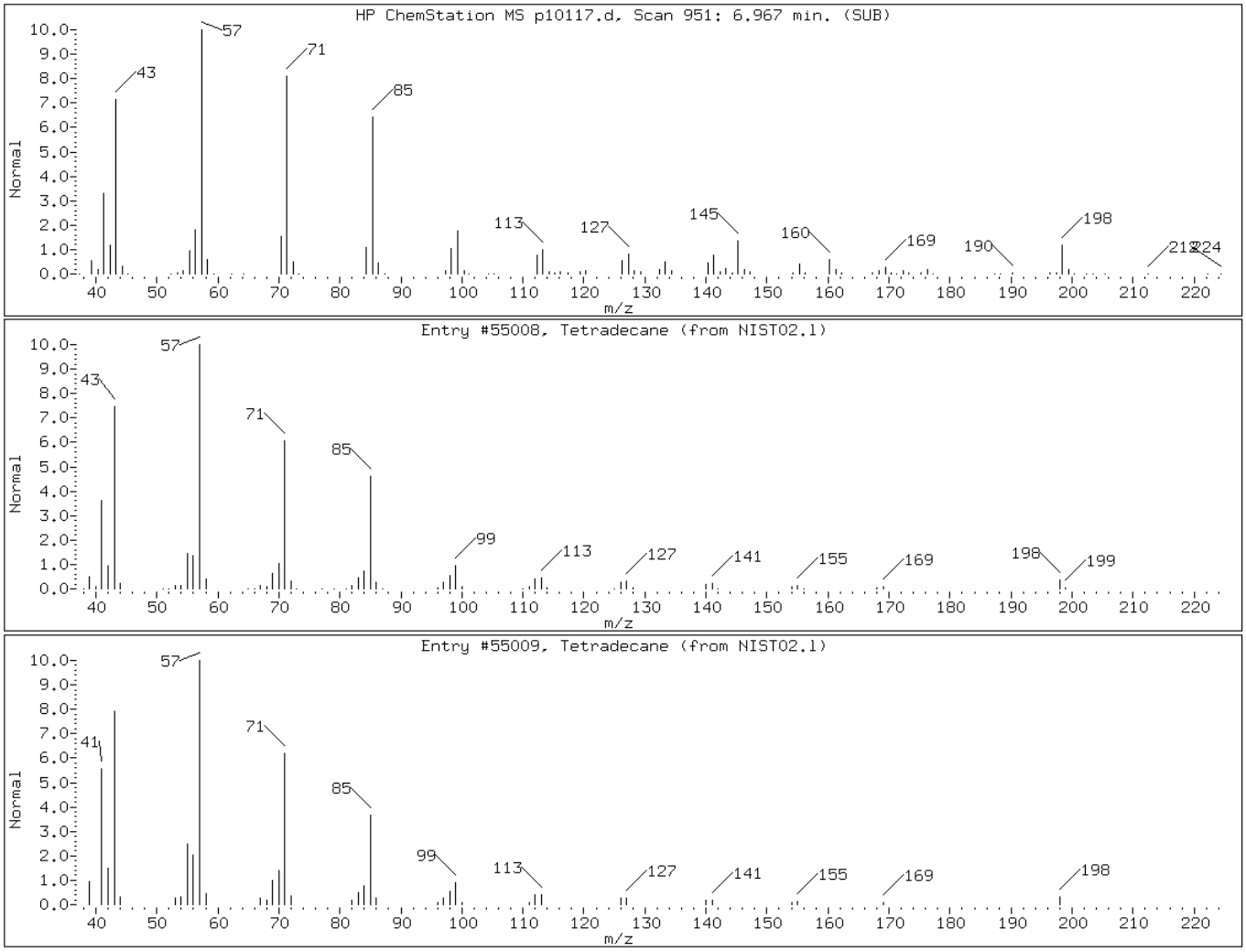
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 6.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetradecane	629-59-4	NIST02.l	55008	96	C14H30	198
Tetradecane	629-59-4	NIST02.l	55009	95	C14H30	198



Data File: p10117.d

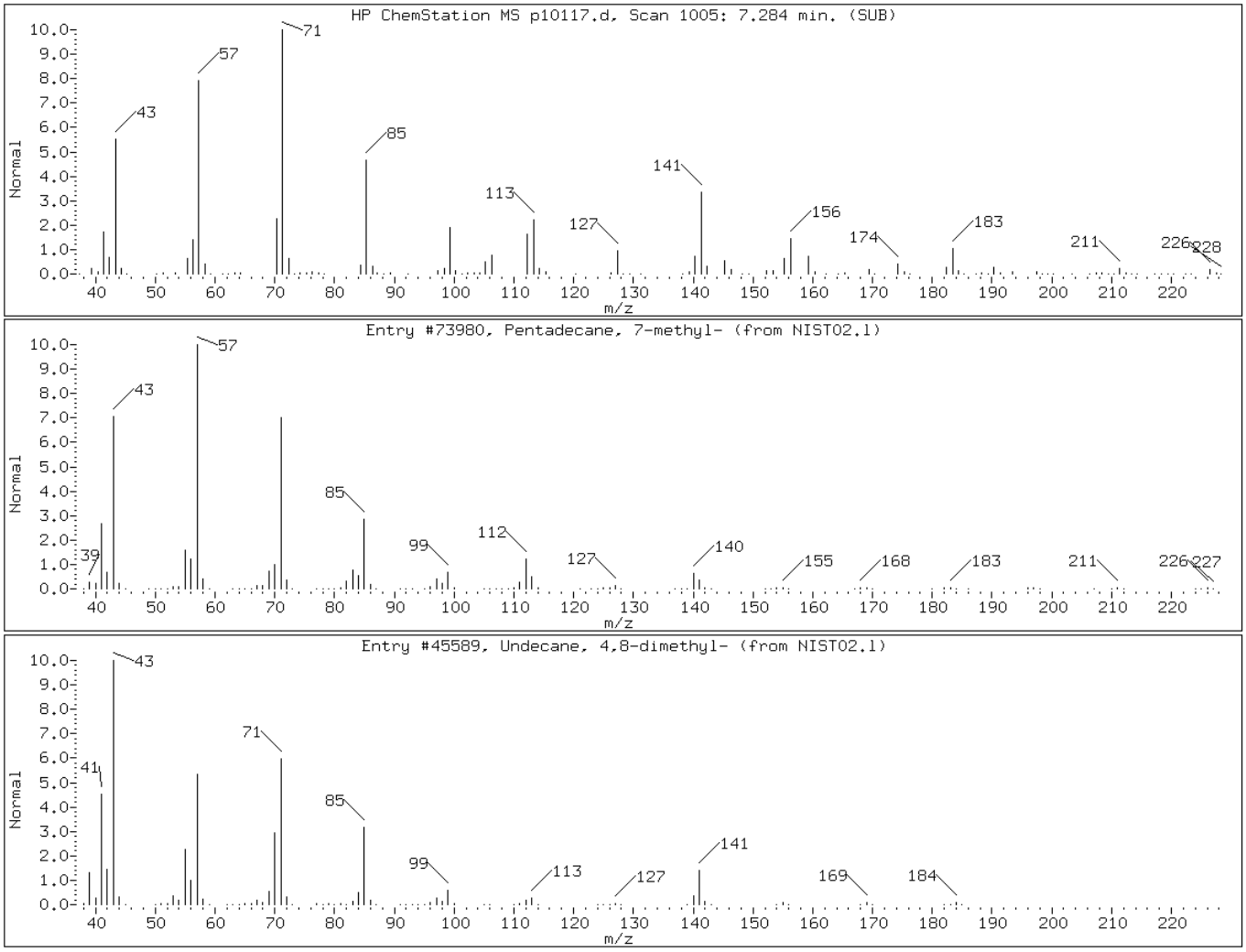
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 7.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	50	C16H34	226
Undecane, 4,8-dimethyl-	17301-33-6	NIST02.l	45589	49	C13H28	184



Data File: p10117.d

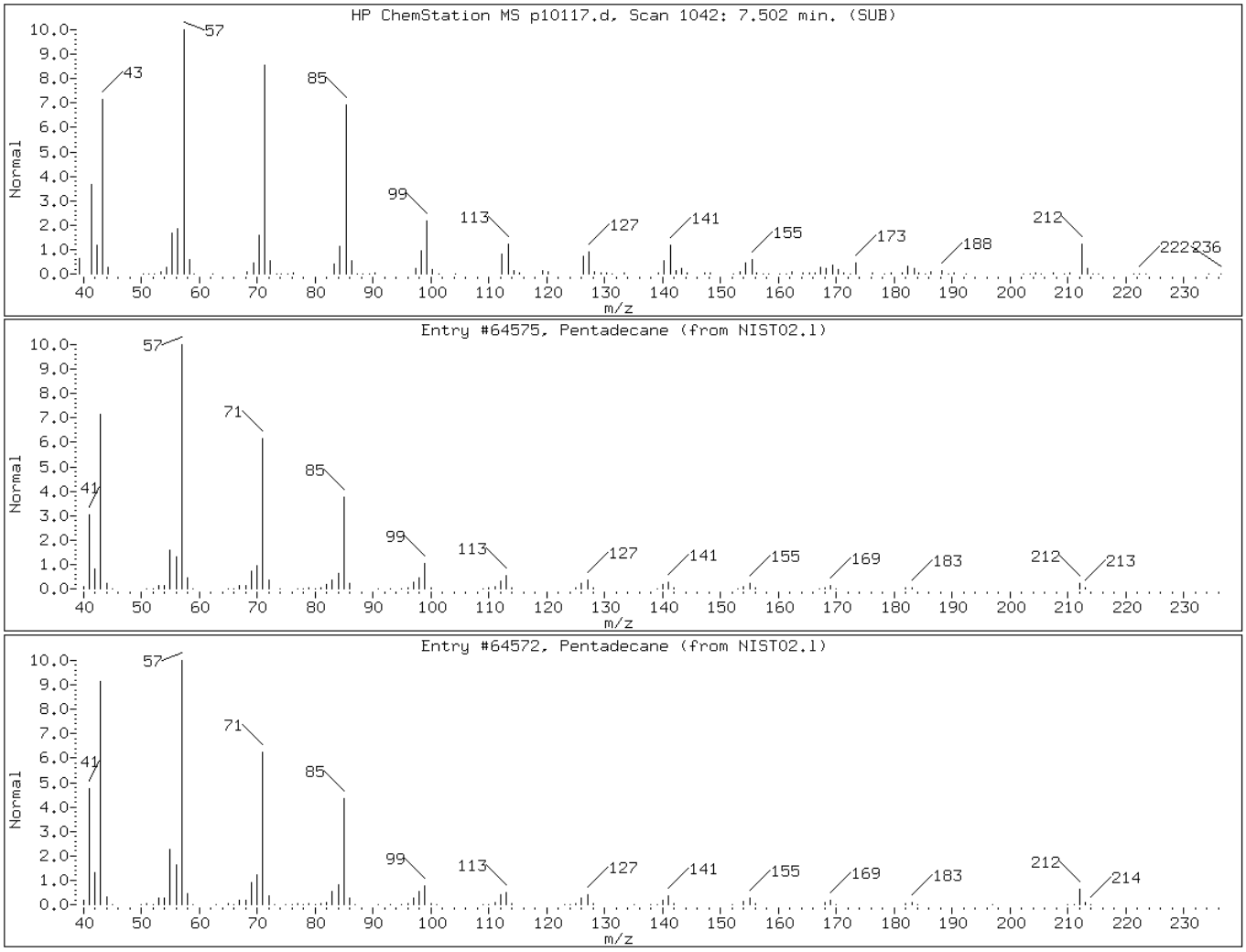
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 7.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Pentadecane	629-62-9	NIST02.l	64575	97	C15H32	212
Pentadecane	629-62-9	NIST02.l	64572	96	C15H32	212



Data File: p10117.d

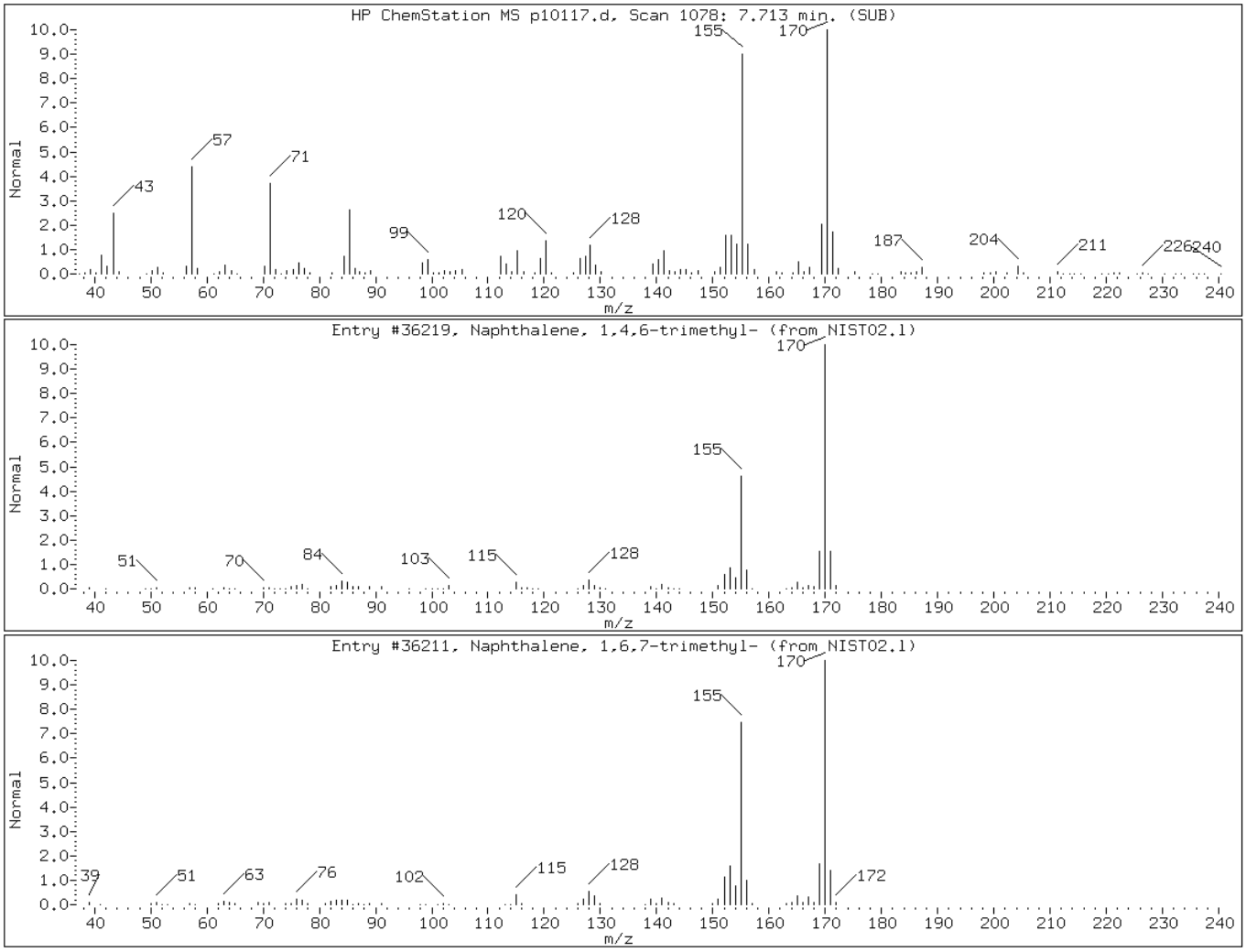
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 7.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36219	95	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36211	93	C13H14	170



Data File: p10117.d

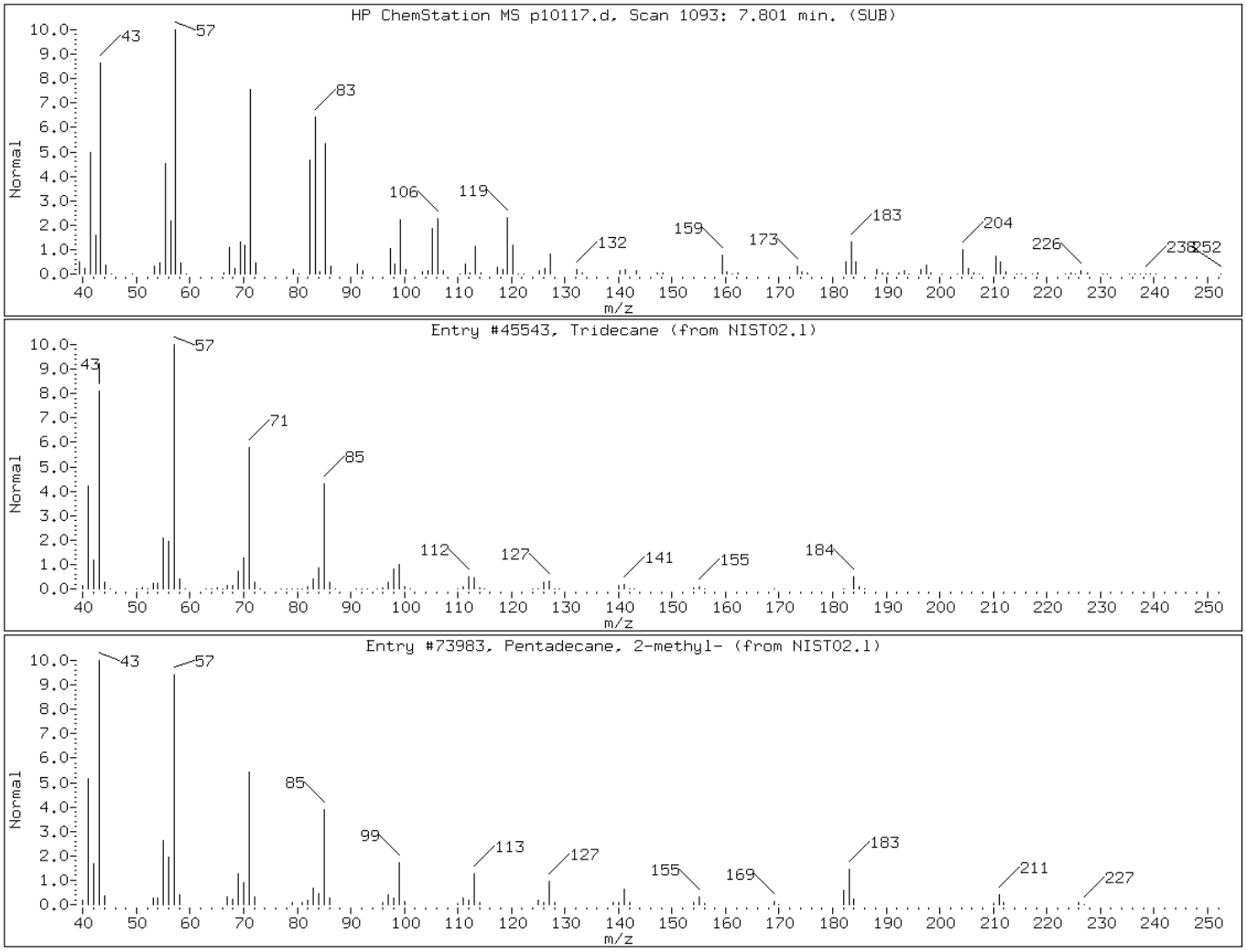
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 7.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Tridecane	629-50-5	NIST02.l	45543	46	C13H28	184
Pentadecane, 2-methyl-	1560-93-6	NIST02.l	73983	44	C16H34	226



Data File: p10117.d

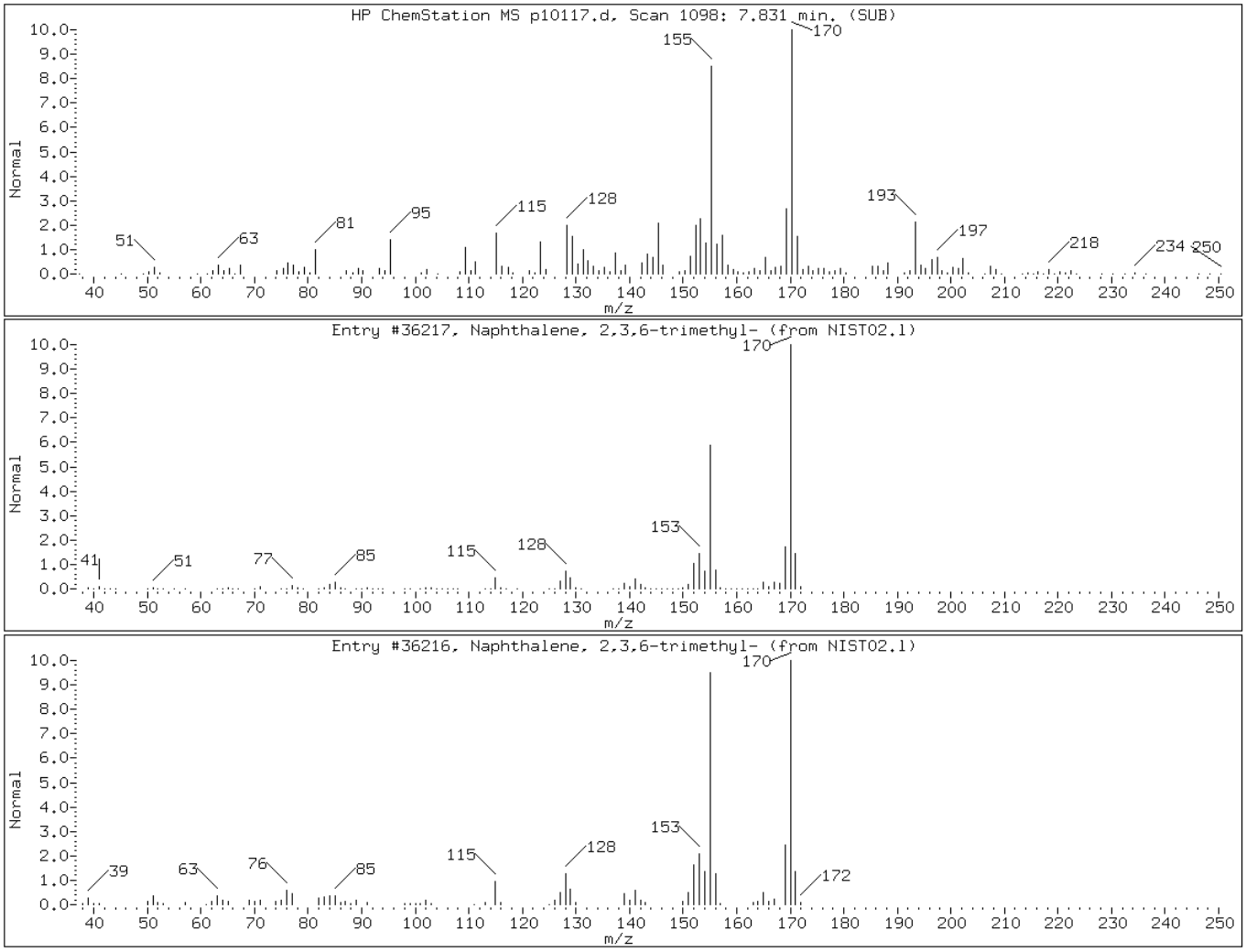
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 7.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36217	93	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	93	C13H14	170



Data File: p10117.d

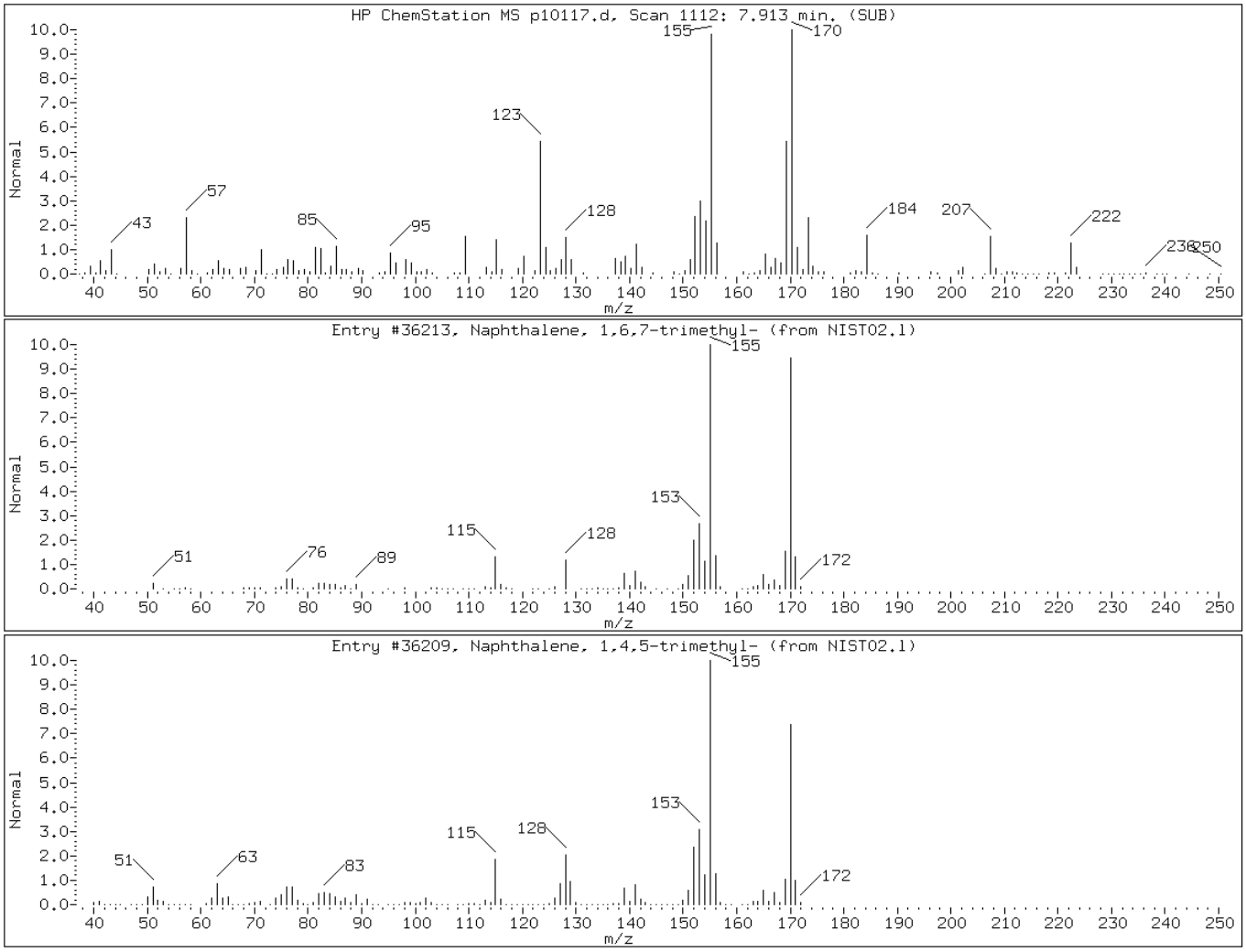
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 7.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-3						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	95	C13H14	170
Naphthalene, 1,4,5-trimethyl-	2131-41-1	NIST02.l	36209	91	C13H14	170



Data File: p10117.d

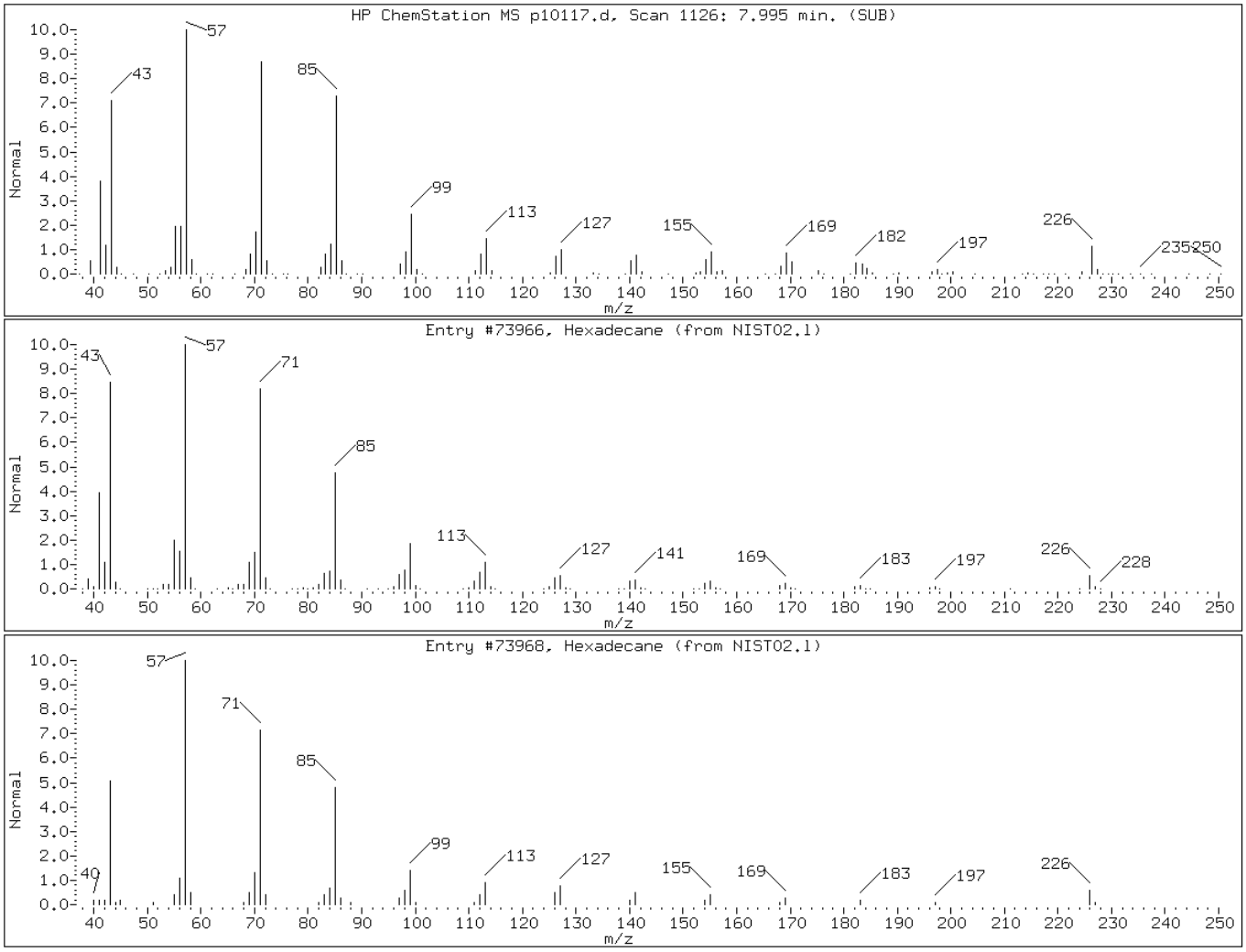
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 8.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane	544-76-3	NIST02.l	73966	95	C16H34	226
Hexadecane	544-76-3	NIST02.l	73968	93	C16H34	226



Data File: p10117.d

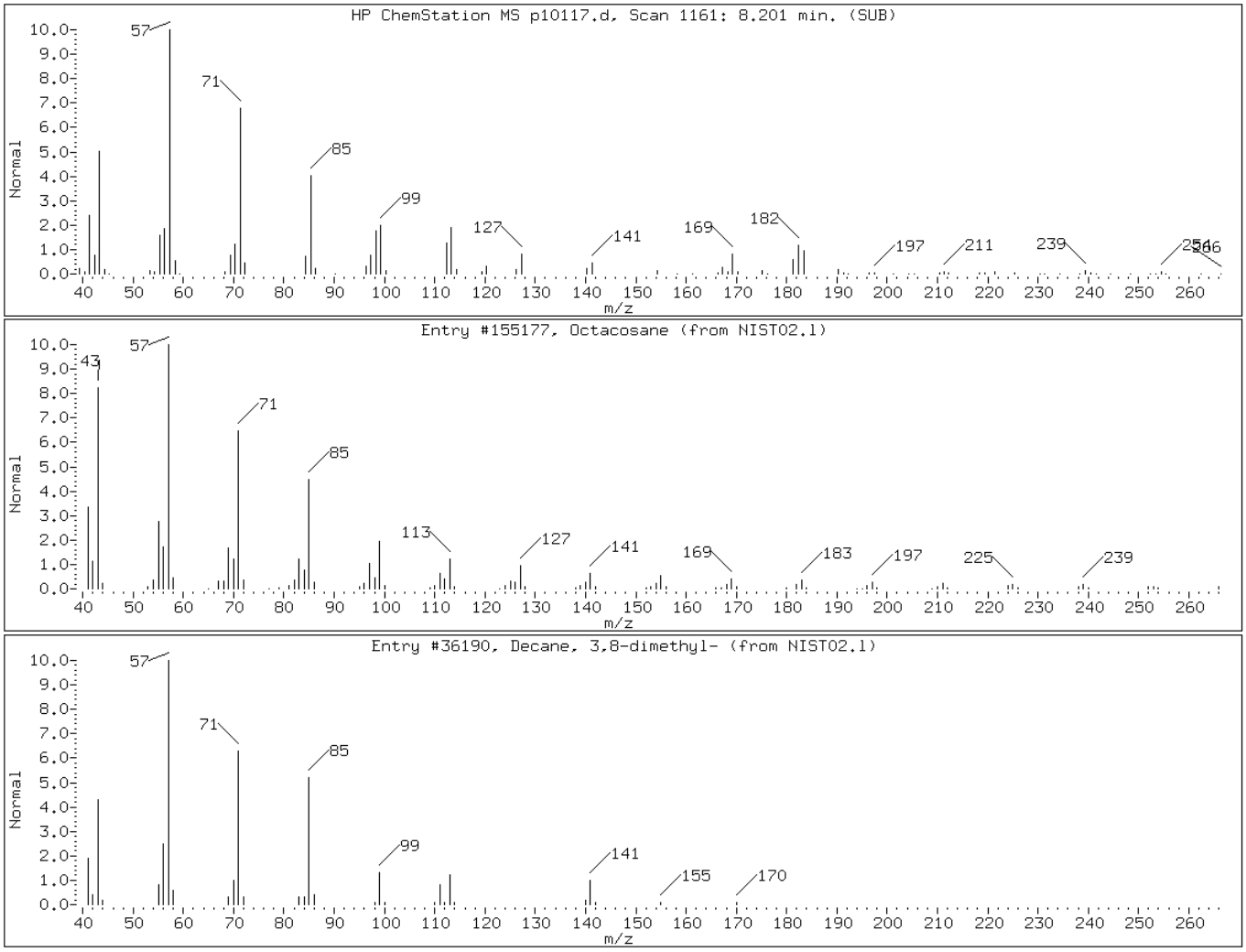
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 8.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Octacosane	630-02-4	NIST02.l	155177	64	C28H58	394
Decane, 3,8-dimethyl-	17312-55-9	NIST02.l	36190	62	C12H26	170



Data File: p10117.d

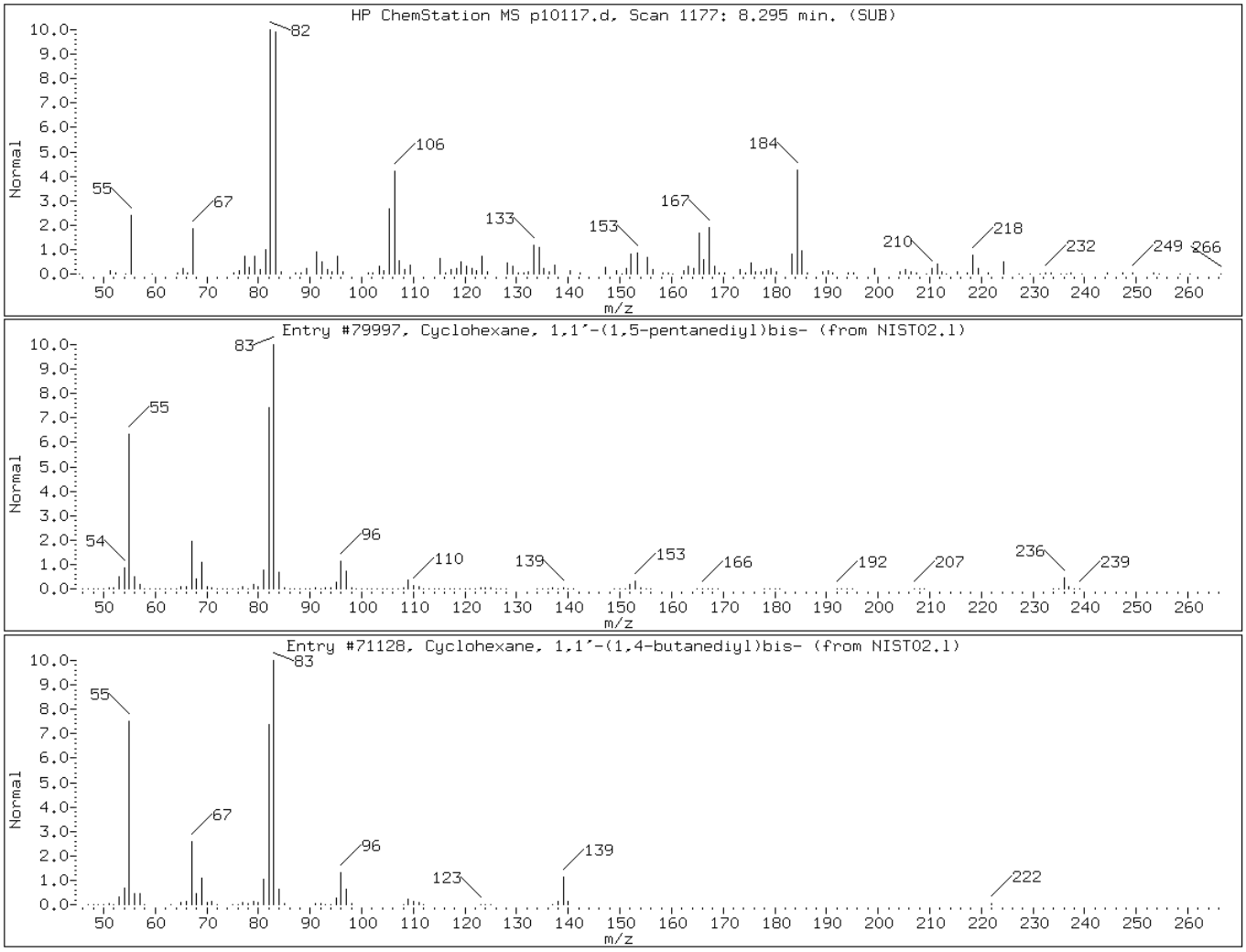
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 8.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-2						
Cyclohexane, 1,1'-(1,5-pentanediyl	54833-31-7	NIST02.l	79997	37	C17H32	236
Cyclohexane, 1,1'-(1,4-butanediyl)	6165-44-2	NIST02.l	71128	37	C16H30	222



Data File: p10117.d

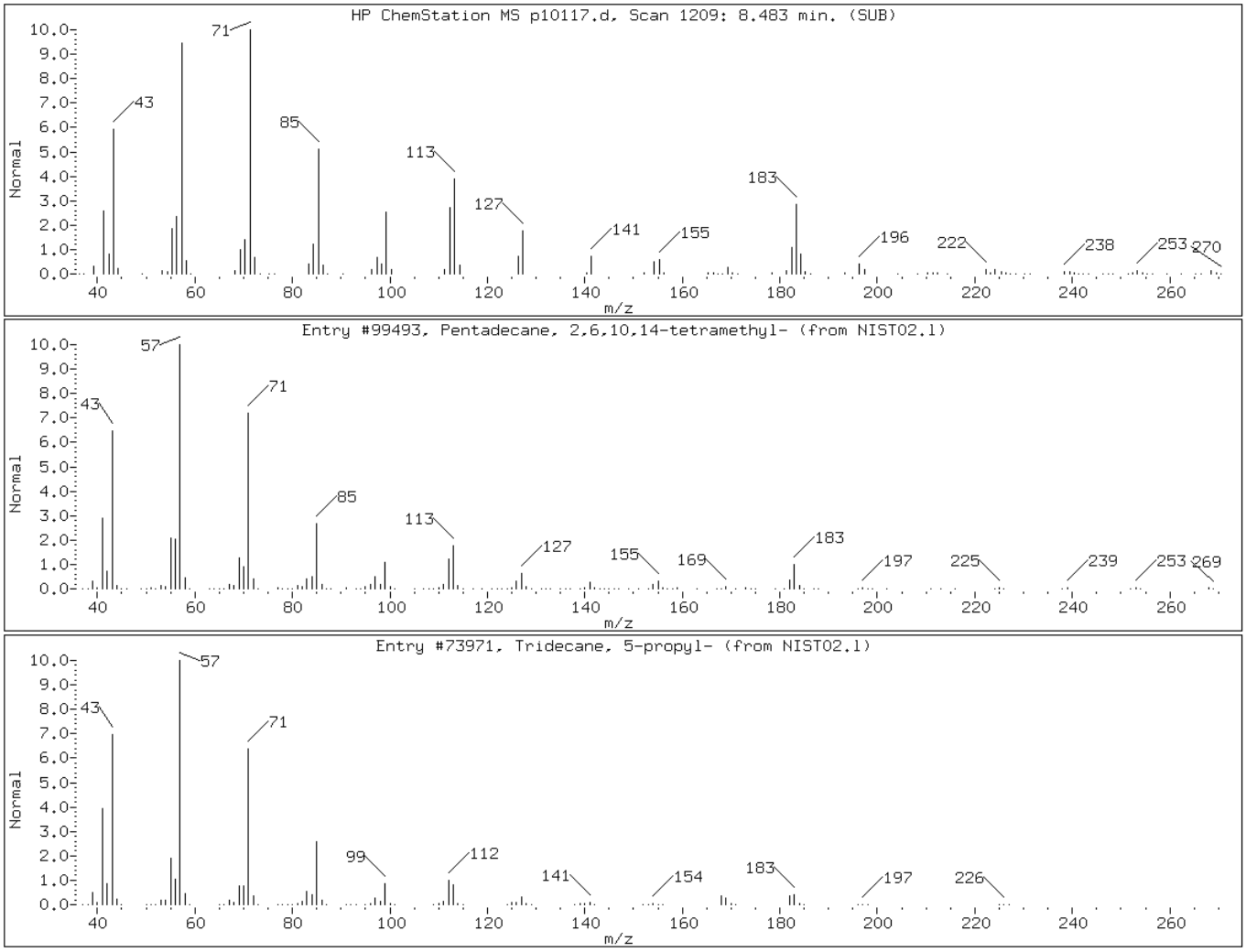
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 8.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	94	C19H40	268
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	81	C16H34	226



Data File: p10117.d

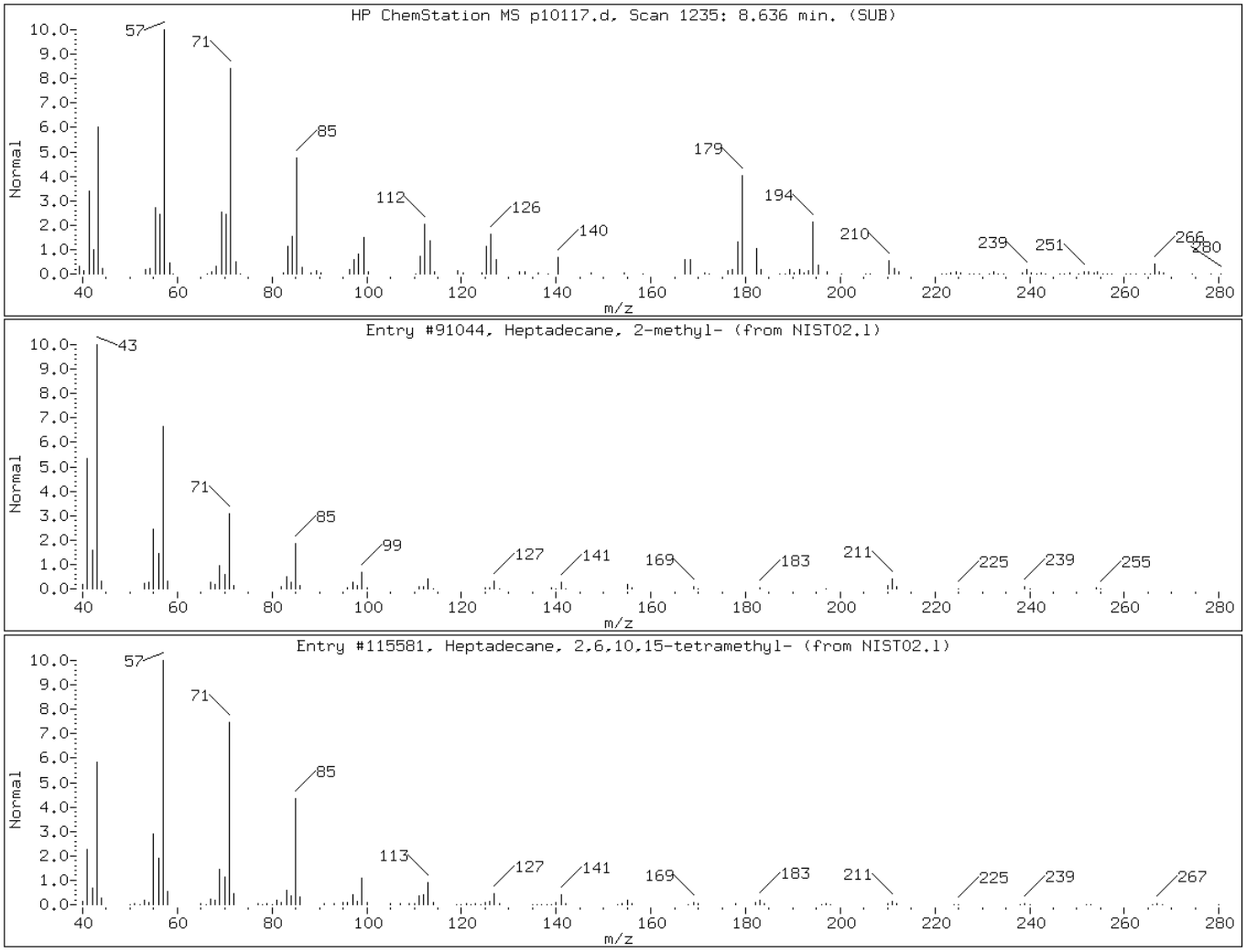
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 8.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Heptadecane, 2-methyl-	1560-89-0	NIST02.l	91044	50	C18H38	254
Heptadecane, 2,6,10,15-tetramethyl	54833-48-6	NIST02.l	115581	43	C21H44	296



Data File: p10117.d

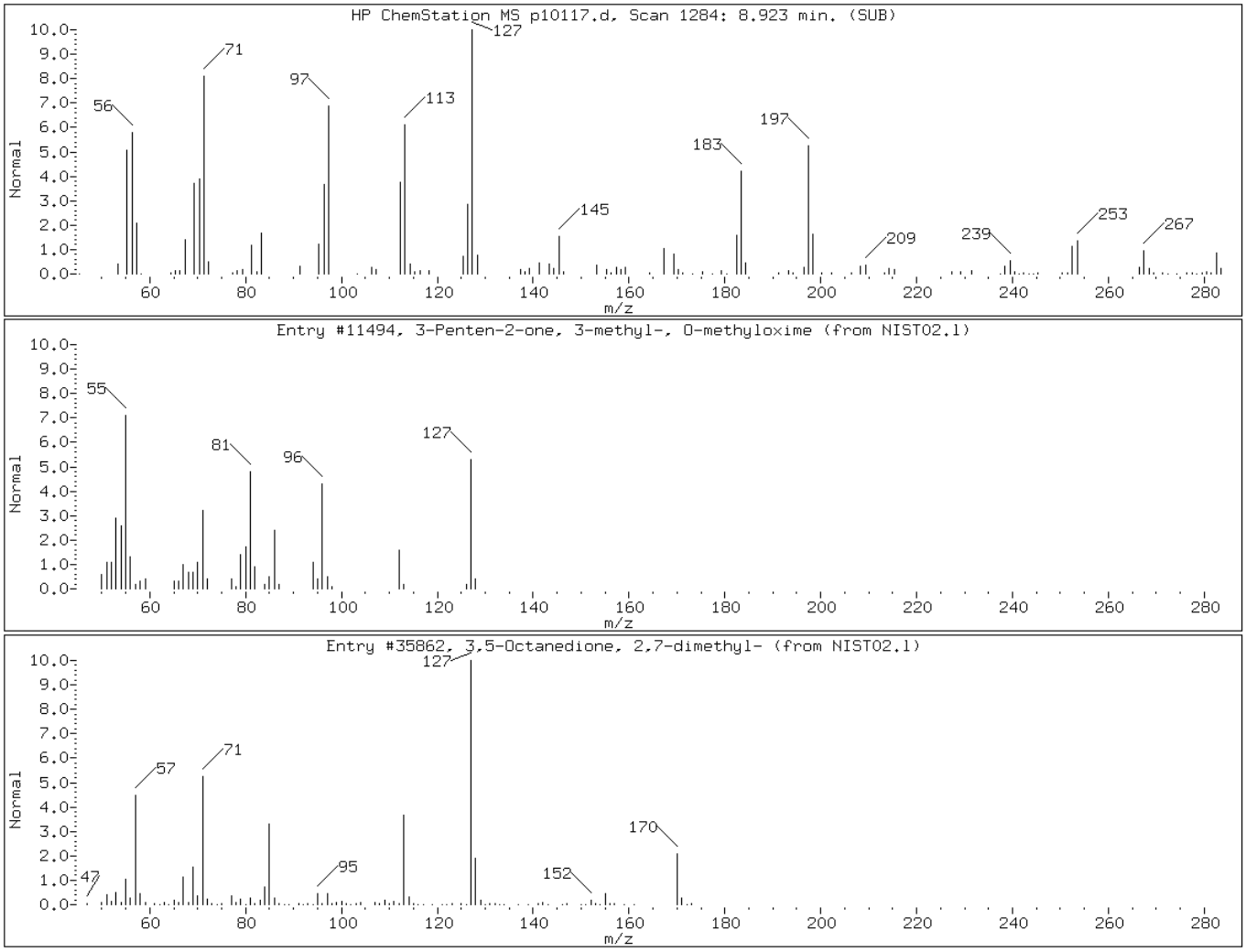
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 8.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
3-Penten-2-one, 3-methyl-, O-methy	39209-03-5	NIST02.l	11494	32	C7H13NO	127
3,5-Octanedione, 2,7-dimethyl-	7307-07-5	NIST02.l	35862	32	C10H18O2	170



Data File: p10117.d

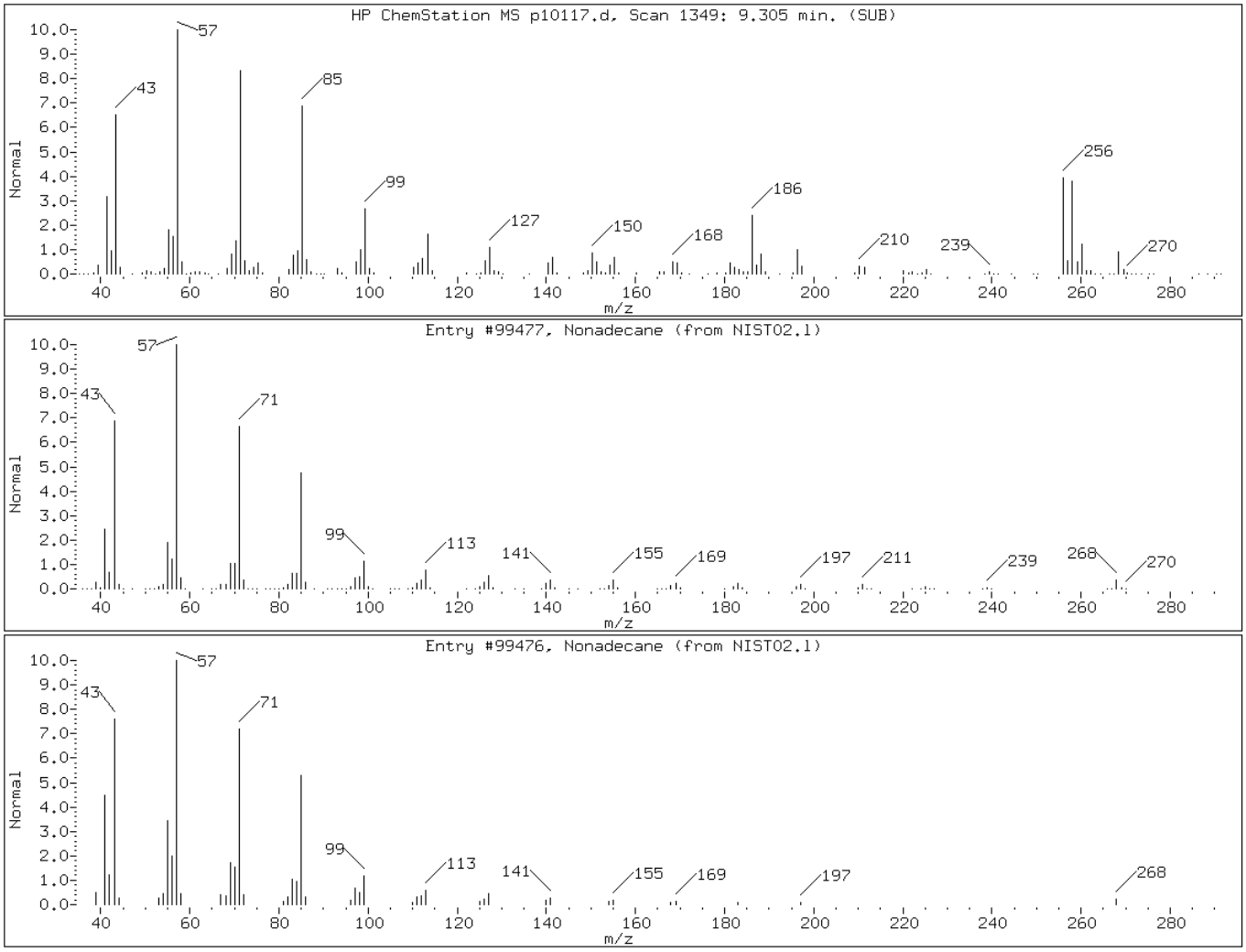
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 9.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Nonadecane	629-92-5	NIST02.l	99477	87	C19H40	268
Nonadecane	629-92-5	NIST02.l	99476	64	C19H40	268



Data File: p10117.d

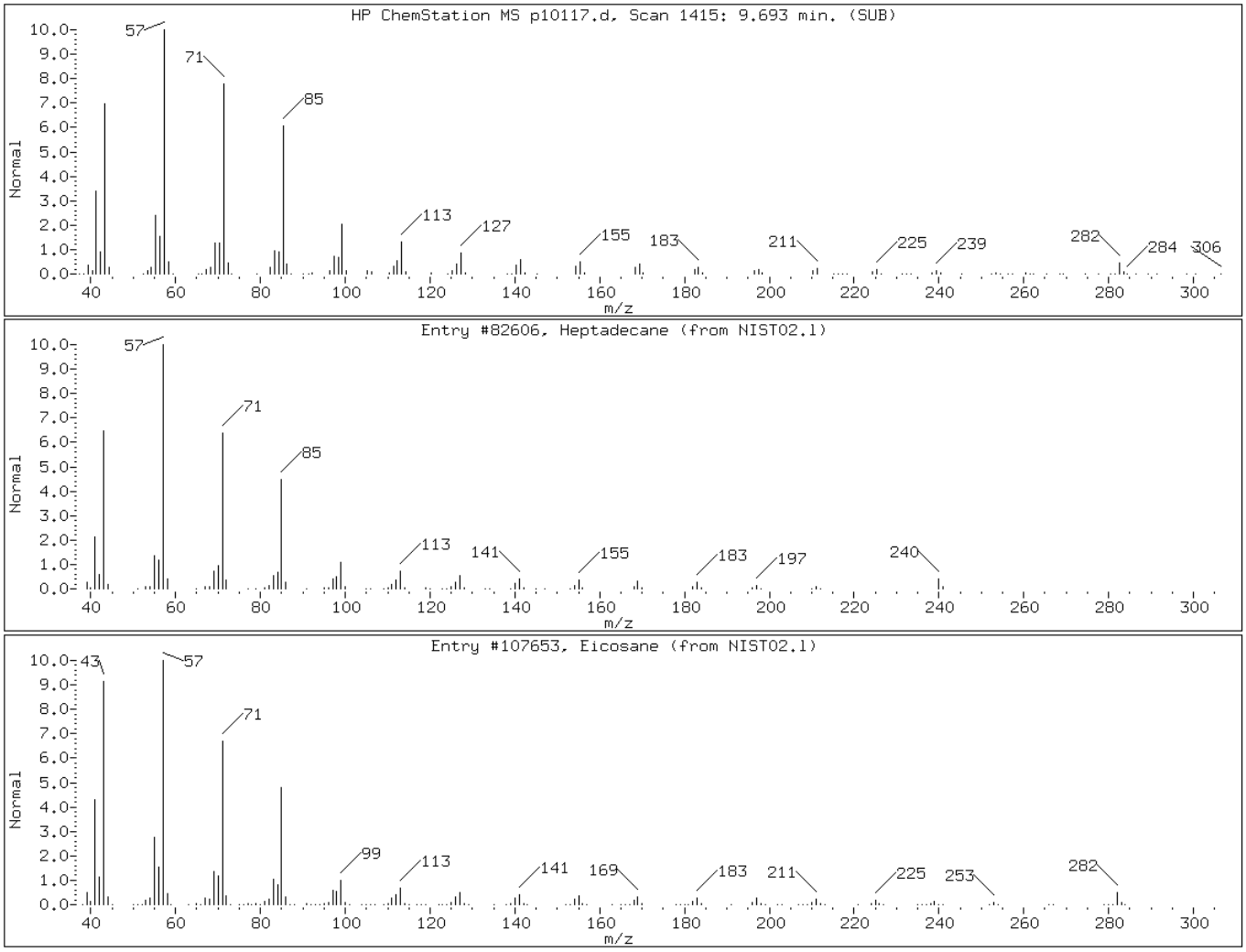
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 9.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Heptadecane	629-78-7	NIST02.l	82606	95	C17H36	240
Eicosane	112-95-8	NIST02.l	107653	95	C20H42	282



Data File: p10117.d

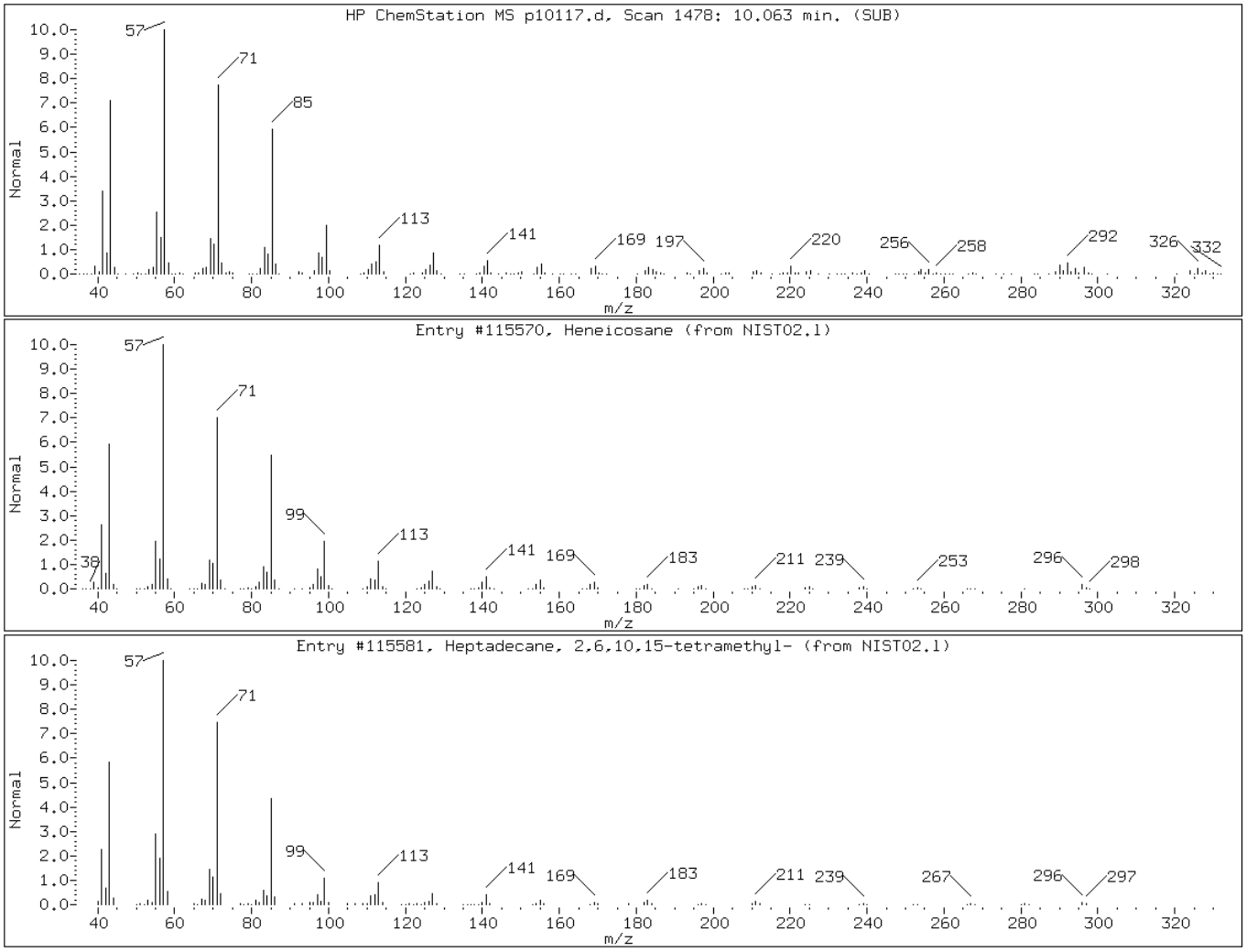
Date: 30-MAR-2011 08:19

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-27-A Operator: BNAMS 4

Retention Time: 10.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Heneicosane	629-94-7	NIST02.l	115570	99	C21H44	296
Heptadecane, 2,6,10,15-tetramethyl	54833-48-6	NIST02.l	115581	95	C21H44	296



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-SI-E (10.5-11.0) | Lab Sample ID: 460-24277-28

Matrix: Solid | Lab File ID: p10111.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:40

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.03(g) | Date Analyzed: 03/30/2011 05:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	47
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
106-44-5	4-Methylphenol	380	U	380	62
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	56
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.9
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
98-95-3	Nitrobenzene	38	U	38	8.5
67-72-1	Hexachloroethane	38	U	38	6.4
78-59-1	Isophorone	380	U	380	44
88-75-5	2-Nitrophenol	380	U	380	62
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
91-20-3	Naphthalene	380	U	380	56
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	77	U	77	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	1000		380	55
118-74-1	Hexachlorobenzene	38	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	Diphenyl	380	U	380	63
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	770	U	770	100
606-20-2	2,6-Dinitrotoluene	77	U	77	9.7
131-11-3	Dimethyl phthalate	380	U	380	51
208-96-8	Acenaphthylene	380	U	380	54
99-09-2	3-Nitroaniline	770	U	770	86
83-32-9	Acenaphthene	380	U	380	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-SI-E (10.5-11.0) | Lab Sample ID: 460-24277-28

Matrix: Solid | Lab File ID: p10111.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:40

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.03(g) | Date Analyzed: 03/30/2011 05:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	98
51-28-5	2,4-Dinitrophenol	1100	U	1100	81
132-64-9	Dibenzofuran	380	U	380	57
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	64
206-44-0	Fluoranthene	380	U	380	63
84-74-2	Di-n-butyl phthalate	380	U	380	58
121-14-2	2,4-Dinitrotoluene	77	U	77	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	65
100-01-6	4-Nitroaniline	770	U	770	78
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
1912-24-9	Atrazine	380	U	380	71
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	60
85-01-8	Phenanthrene	480		380	66
87-86-5	Pentachlorophenol	1100	U	1100	190
129-00-0	Pyrene	74	J	380	66
218-01-9	Chrysene	380	U	380	55
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.7
50-32-8	Benzo[a]pyrene	38	U	38	4.7
56-55-3	Benzo[a]anthracene	38	U	38	7.0
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
85-68-7	Butyl benzyl phthalate	380	U	380	44
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	50
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
91-94-1	3,3'-Dichlorobenzidine	770	U	770	84
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-SI-E (10.5-11.0) Lab Sample ID: 460-24277-28

Matrix: Solid Lab File ID: p10111.d

Analysis Method: 8270C Date Collected: 03/18/2011 12:40

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.03(g) Date Analyzed: 03/30/2011 05:38

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	79		16-151
118-79-6	2,4,6-Tribromophenol	81		10-120
367-12-4	2-Fluorophenol	77		37-125
321-60-8	2-Fluorobiphenyl	90		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-SI-E (10.5-11.0) | Lab Sample ID: 460-24277-28

Matrix: Solid | Lab File ID: p10111.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:40

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.03(g) | Date Analyzed: 03/30/2011 05:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 80750

CAS NO.	COMPOUND NAME	RT	RESULT	Q
124-18-5	n-Decane	4.13	950	
	Unknown Alkane-1	4.98	1500	J
	Unknown Alkane-2	5.39	1700	J
	Unknown Alkane-3	5.70	2500	J
	Unknown Alkane-4	5.79	2100	J
	Unknown Alkane-5	6.17	3300	J
	Unknown Alkane-6	6.34	6100	J
	Unknown Cycloalkane	6.64	1400	J
	Unknown Alkane-7	6.93	3300	J
575-41-7	1,3-Dimethylnaphthalene	7.13	3900	
	Unknown Alkane-9	7.24	2800	J
	Trimethylnaphthalene isomer-2	7.68	1100	J
	Unknown Alkane-12	7.95	2800	J
	Unknown Alkane-13	8.17	1800	J
	Unknown Alkane-14	8.42	12000	J
	Unknown-3	8.44	7100	J
593-45-3	n-Octadecane	8.86	11000	E
	Unknown Alkane-15	8.89	4800	J
	Unknown Alkane-16	9.28	7100	J
	Unknown Alkane-17	9.67	3500	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10111.d
Report Date: 01-Apr-2011 12:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10111.d
Lab Smp Id: 460-24277-F-28-A Client Smp ID: PMP-17-SI-E (10.5-1
Inj Date : 30-MAR-2011 05:38
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-28-A
Misc Info : 460-24277-F-28-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 41
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	13.09942	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.918	2.883	(0.681)	993091	77.4541	5900
$ 17 Phenol-d5 (SUR)	99	3.917	3.923	(0.914)	1152019	79.1070	6000
113 n-decane	43	4.135	4.135	(0.964)	167914	12.3579	950
* 79 1,4-Dichlorobenzene-d4	152	4.288	4.287	(1.000)	405098	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.864)	520629	42.2865	3200
* 80 Naphthalene-d8	136	5.657	5.657	(1.000)	1270412	40.0000	
34 2-Methylnaphthalene	142	6.403	6.403	(1.132)	281768	13.4130	1000
120 1-Methylnaphthalene	142	6.503	6.503	(1.150)	243341	11.4293	880
$ 77 2-Fluorobiphenyl (SUR)	172	6.790	6.785	(0.910)	777871	44.8854	3400
125 1,3-Dimethylnaphthalene	156	7.125	7.120	(0.955)	630381	50.6801	3900
* 82 Acenaphthene-d10	164	7.460	7.454	(1.000)	530896	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.248	8.242	(1.106)	147448	81.4227	6200
* 83 Phenanthrene-d10	188	8.923	8.917	(1.000)	842197	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10111.d
Report Date: 01-Apr-2011 12:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
115	n-Octadecane	57	8.859	8.847	(0.993)	1524552	141.622	11000(A)
52	Phenanthrene	178	8.947	8.941	(1.003)	155016	6.32946	480
56	Fluoranthene	202	10.110	10.110	(1.133)	5295	0.24106	18(a)
57	Pyrene	202	10.328	10.328	(0.891)	22840	0.97000	74(a)
$ 78	Terphenyl-d14	244	10.492	10.492	(0.905)	560757	39.4295	3000
* 81	Chrysene-d12	240	11.597	11.603	(1.000)	647110	40.0000	
* 84	Perylene-d12	264	13.424	13.424	(1.000)	546975	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10111.d
Report Date: 01-Apr-2011 12:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10111.d
Lab Smp Id: 460-24277-F-28-A Client Smp ID: PMP-17-SI-E (10.5-1
Inj Date : 30-MAR-2011 05:38
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-28-A
Misc Info : 460-24277-F-28-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 41
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	13.09942	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.657	7527224	40.000
* 82 Acenaphthene-d10	7.460	14101564	40.000
* 83 Phenanthrene-d10	8.923	3216911	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
4.981	3790236	20.1414796	1500	0	0		80

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10111.d
Report Date: 01-Apr-2011 12:19

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2					CAS #:		
5.386	4293009	22.8132372	1700	0		0	80
Unknown Alkane-3					CAS #:		
5.704	6241309	33.1665878	2500	0		0	80
Unknown Alkane-4					CAS #:		
5.786	5134531	27.2851222	2100	0		0	80
Unknown Alkane-5					CAS #:		
6.168	8036948	42.7086943	3300	0		0	80
Unknown Alkane-6					CAS #:		
6.344	14991297	79.6644101	6100	0		0	80
Unknown Cycloalkane					CAS #:		
6.638	6413178	18.1913935	1400	0		0	82
Unknown Alkane-7					CAS #:		
6.926	15138696	42.9418911	3300	0		0	82
Dimethylnaphthalene isomer					CAS #:		
7.049	2938506	8.33526120	640	0		0	82
Unknown-1					CAS #:		
7.149	2777738	7.87923430	600	0		0	82
Unknown Alkane-8					CAS #:		
7.172	3884771	11.0194039	840	0		0	82
Unknown Alkane-9					CAS #:		
7.243	13056609	37.0359178	2800	0		0	82
Unknown-2					CAS #:		
7.372	3021391	8.57037161	660	0		0	82
Trimethylnaphthalene isomer-1					CAS #:		
7.578	3240391	9.19157942	700	0		0	82
Trimethylnaphthalene isomer-2					CAS #:		
7.678	4909386	13.9257916	1100	0		0	82
Trimethylnaphthalene isomer-3					CAS #:		
7.713	3695147	10.4815224	800	0		0	82

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10111.d
Report Date: 01-Apr-2011 12:19

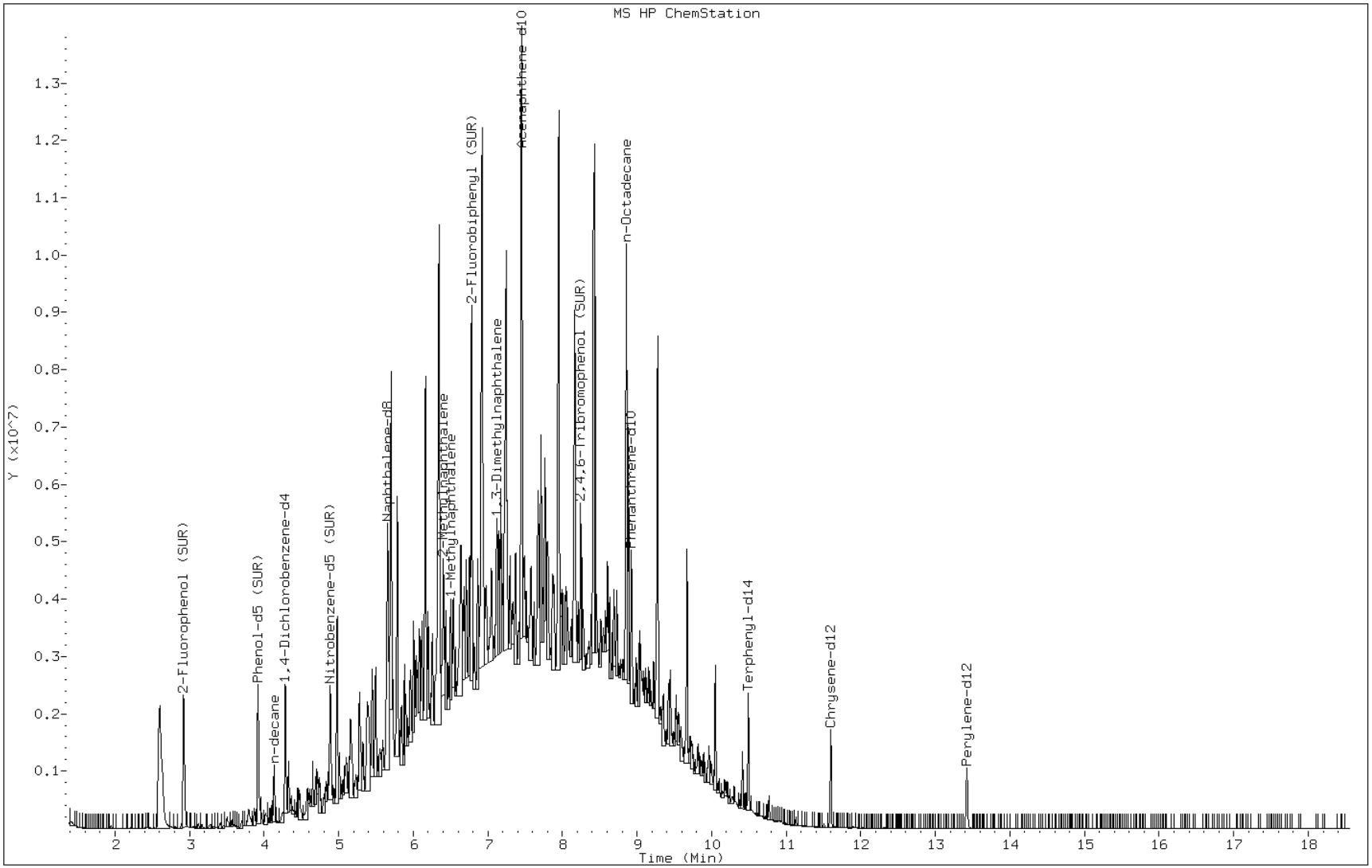
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-10					CAS #:		
7.766	2998525	8.50551145	650	0		0	82
Unknown Alkane-11					CAS #:		
7.807	2959636	8.39519855	640	0		0	82
Trimethylnaphthalene isomer-4					CAS #:		
7.872	3574258	10.1386141	780	0		0	82
Unknown Alkane-12					CAS #:		
7.954	12783975	36.2625737	2800	0		0	82
Unknown Alkane-13					CAS #:		
8.165	8428202	23.9071403	1800	0		0	82
Unknown Alkane-14					CAS #:		
8.424	13085005	162.702699	12000	0		0	83
Unknown-3					CAS #:		
8.436	7460426	92.7650735	7100	0		0	83
Unknown Alkane-15					CAS #:		
8.888	5051274	62.8089923	4800	0		0	83
Unknown Alkane-16					CAS #:		
9.276	7443923	92.5598688	7100	0		0	83
Unknown Alkane-17					CAS #:		
9.670	3722354	46.2848154	3500	0		0	83

Data File: p10111.d

Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4



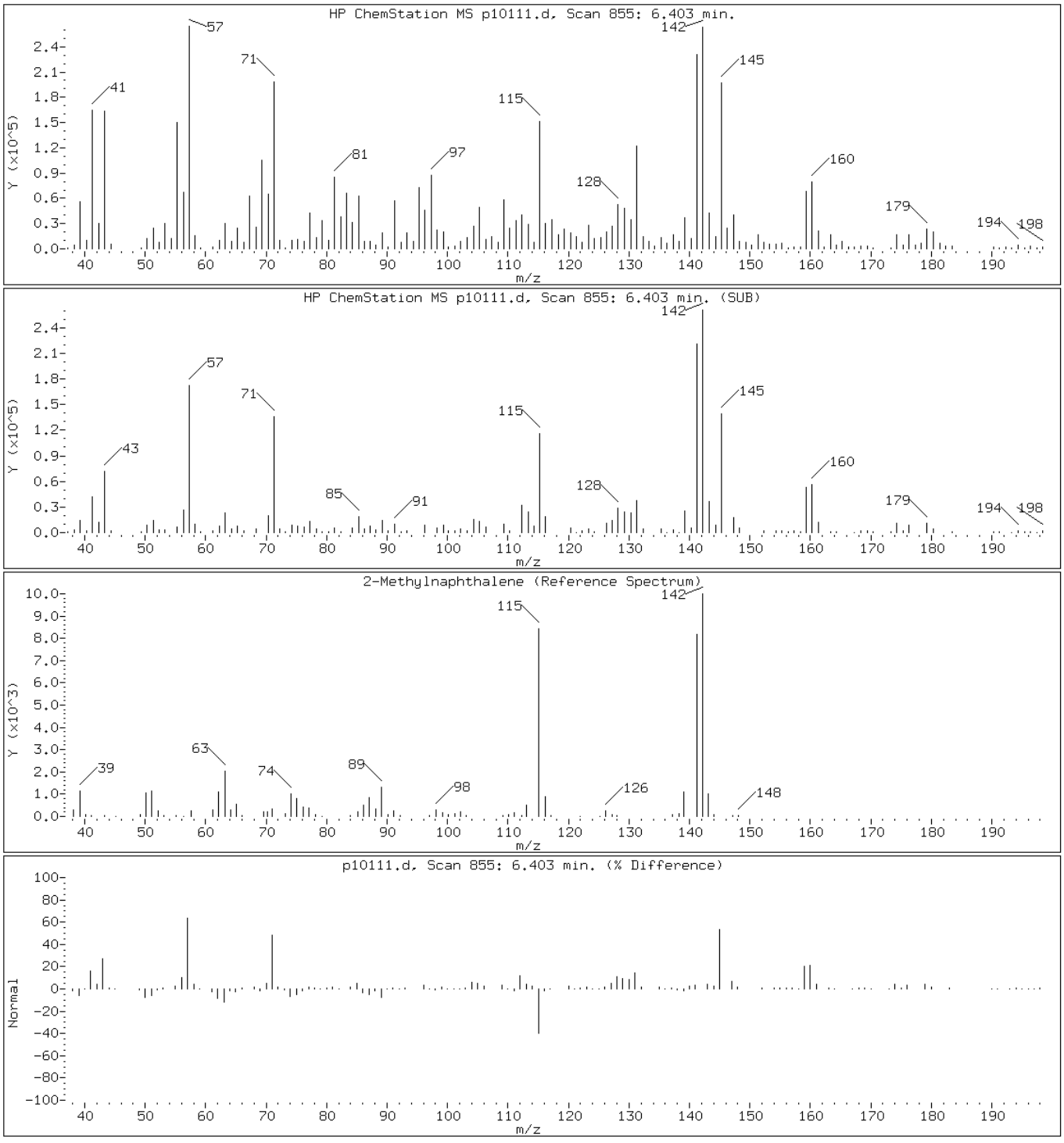
Data File: p10111.d

Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

34 2-Methylnaphthalene



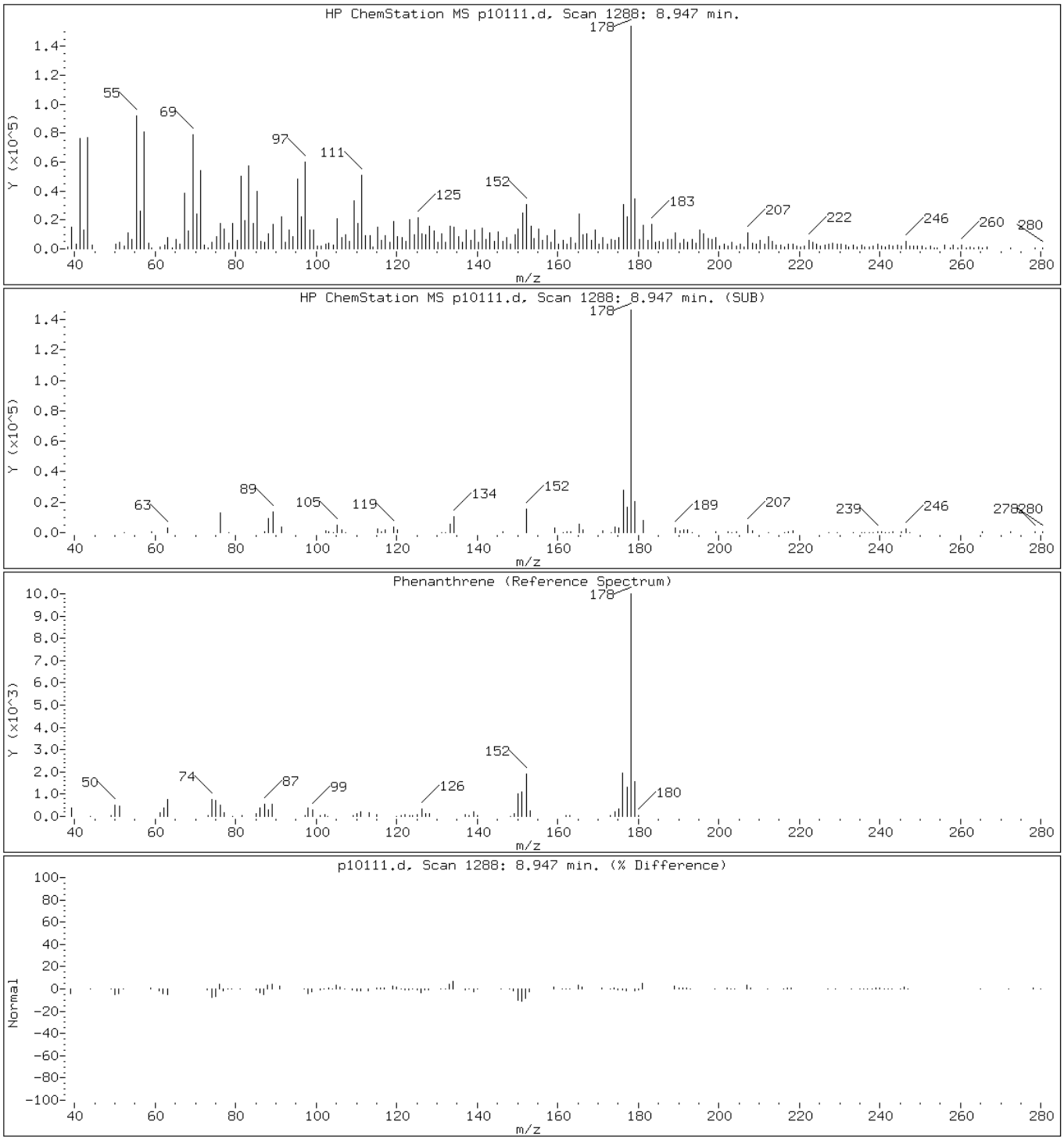
Data File: p10111.d

Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

52 Phenanthrene



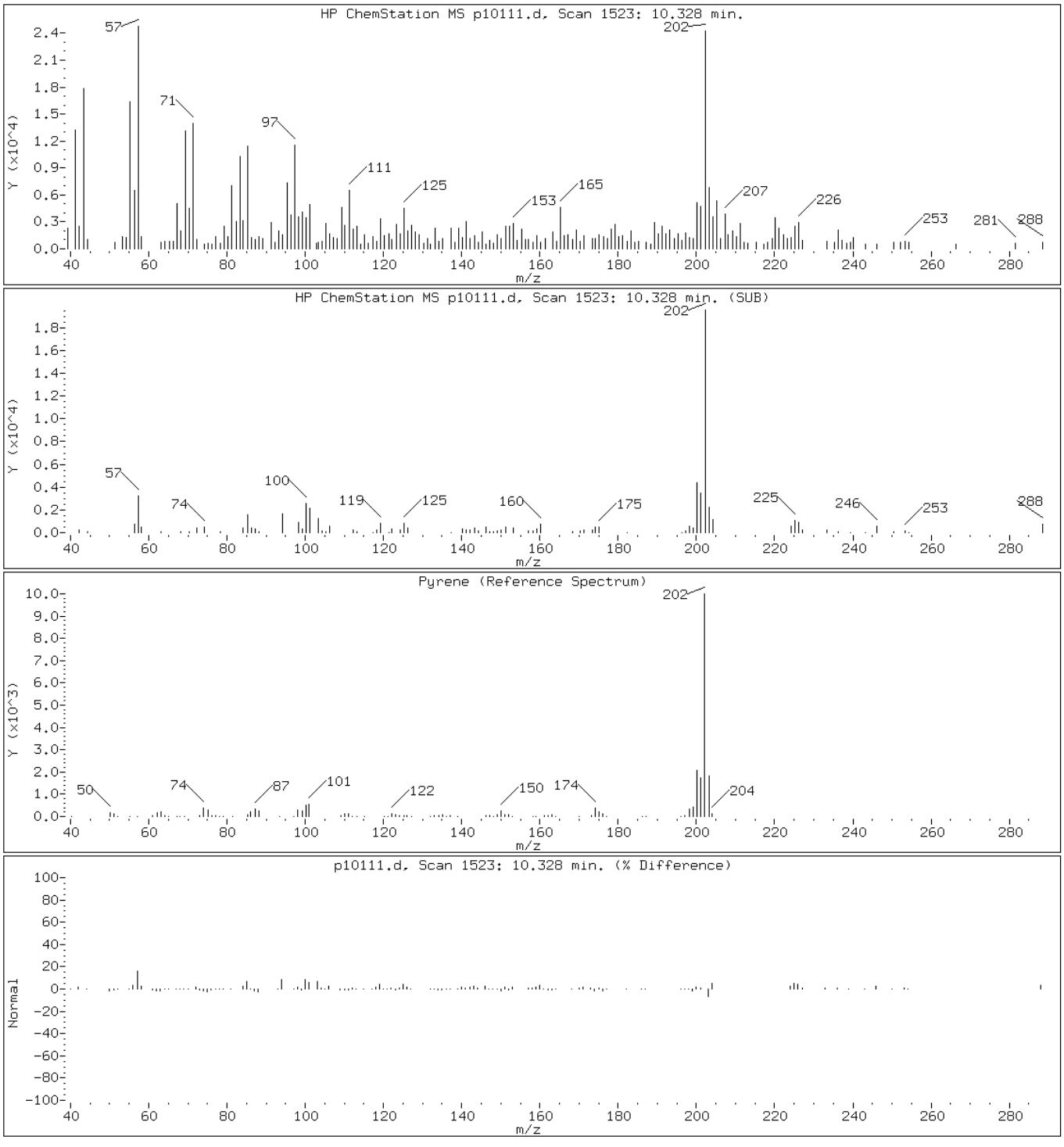
Data File: p10111.d

Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

57 Pyrene



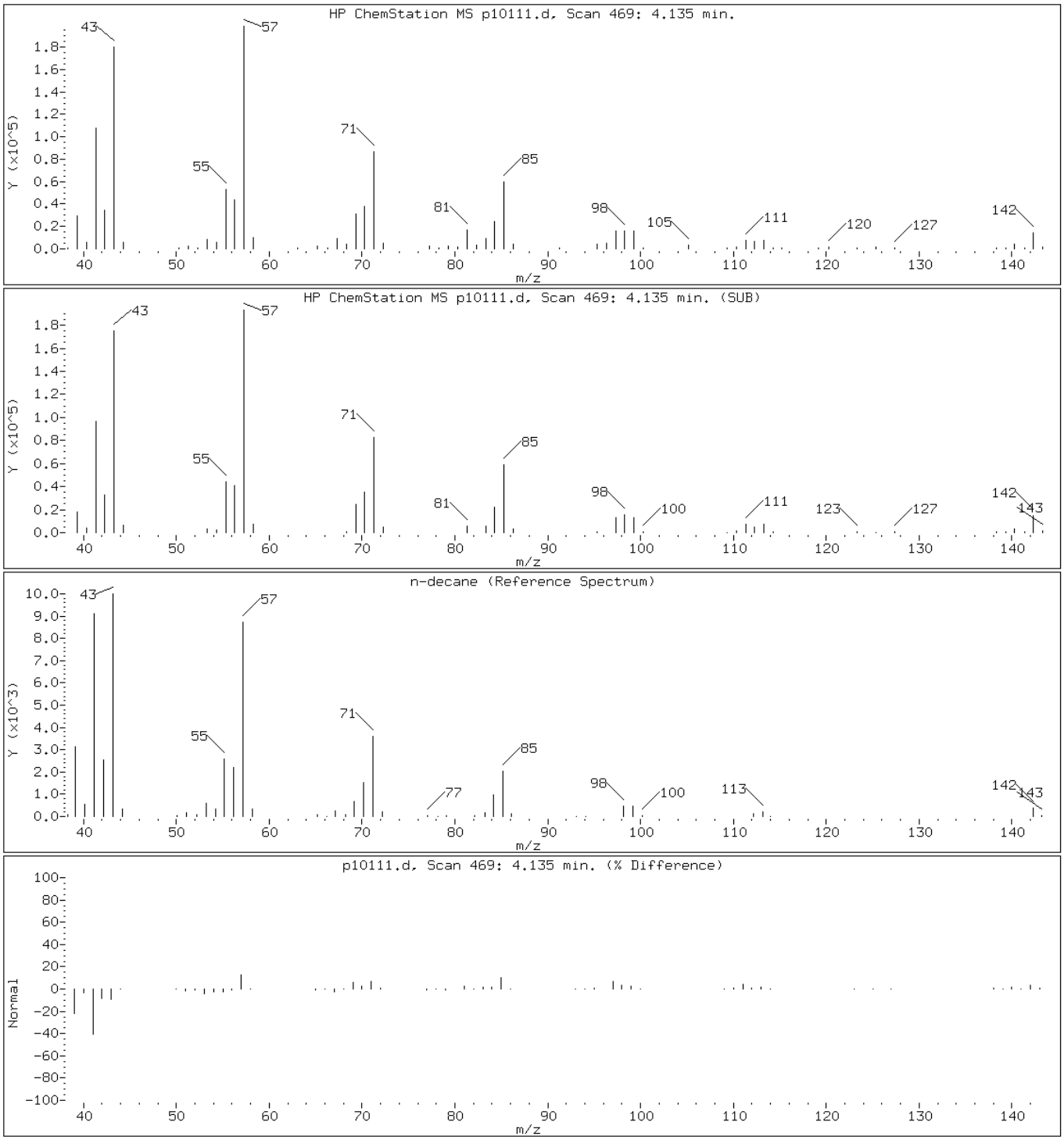
Data File: p10111.d

Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

113 n-decane



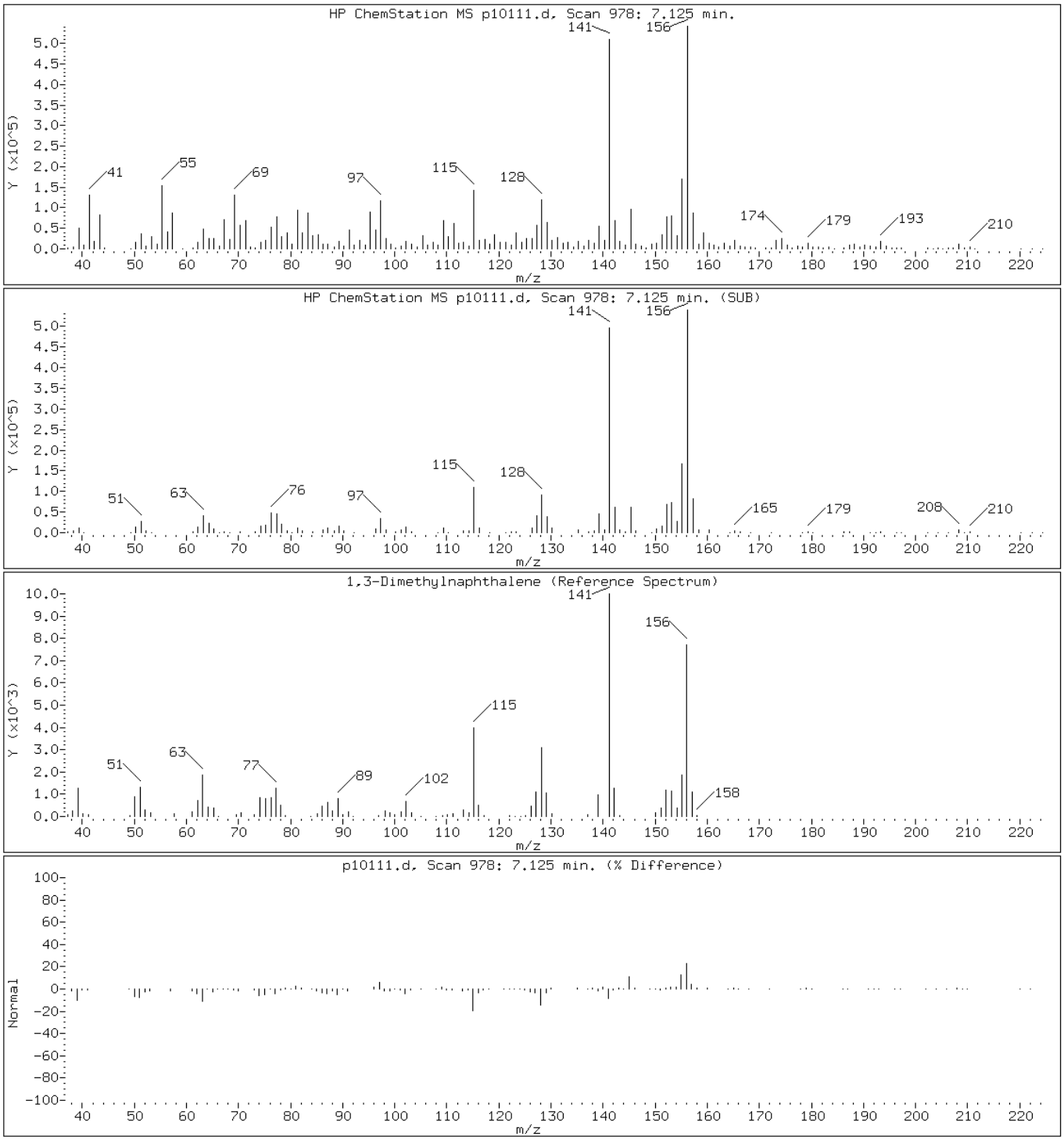
Data File: p10111.d

Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



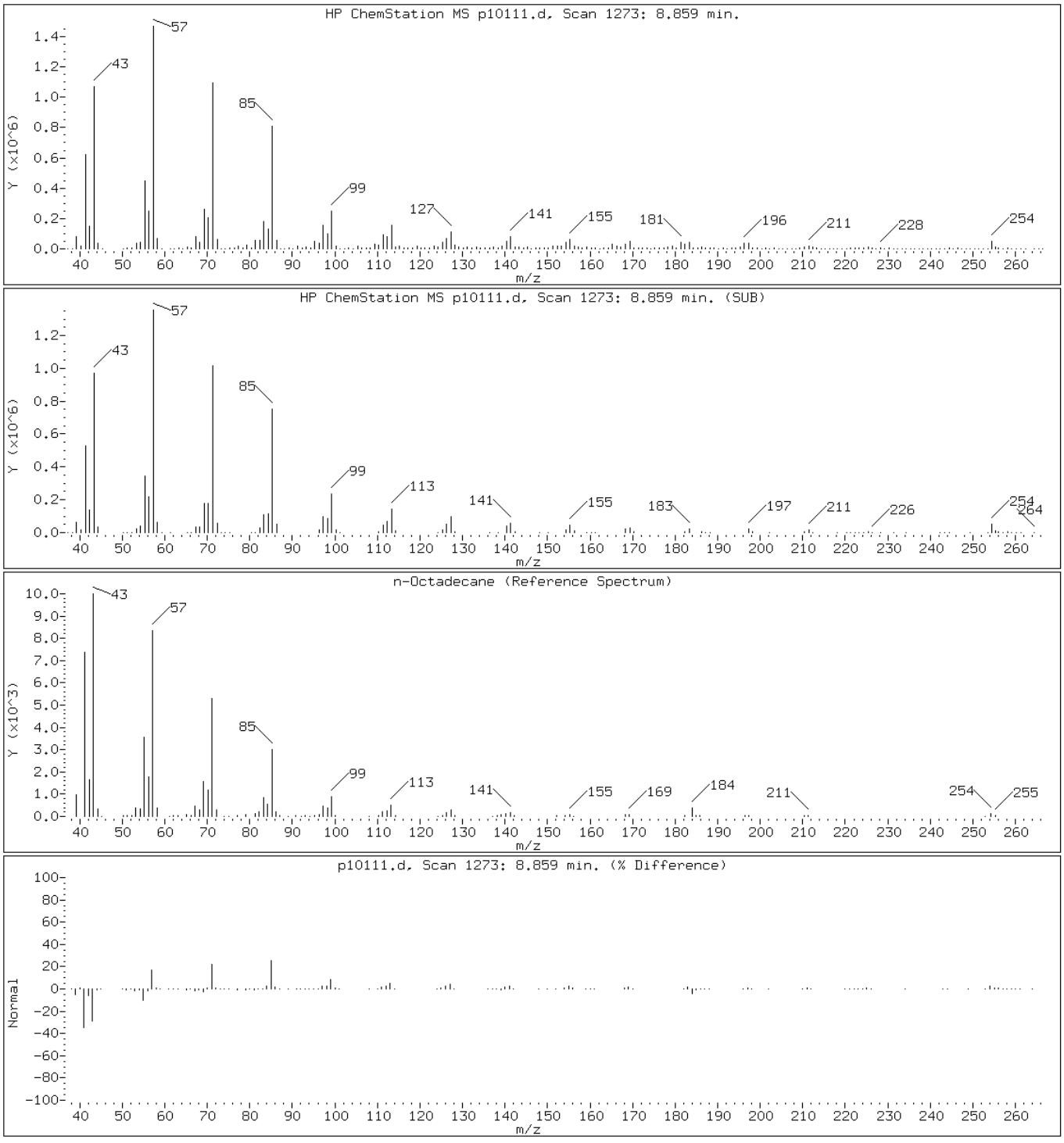
Data File: p10111.d

Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

115 n-Octadecane



Data File: p10111.d

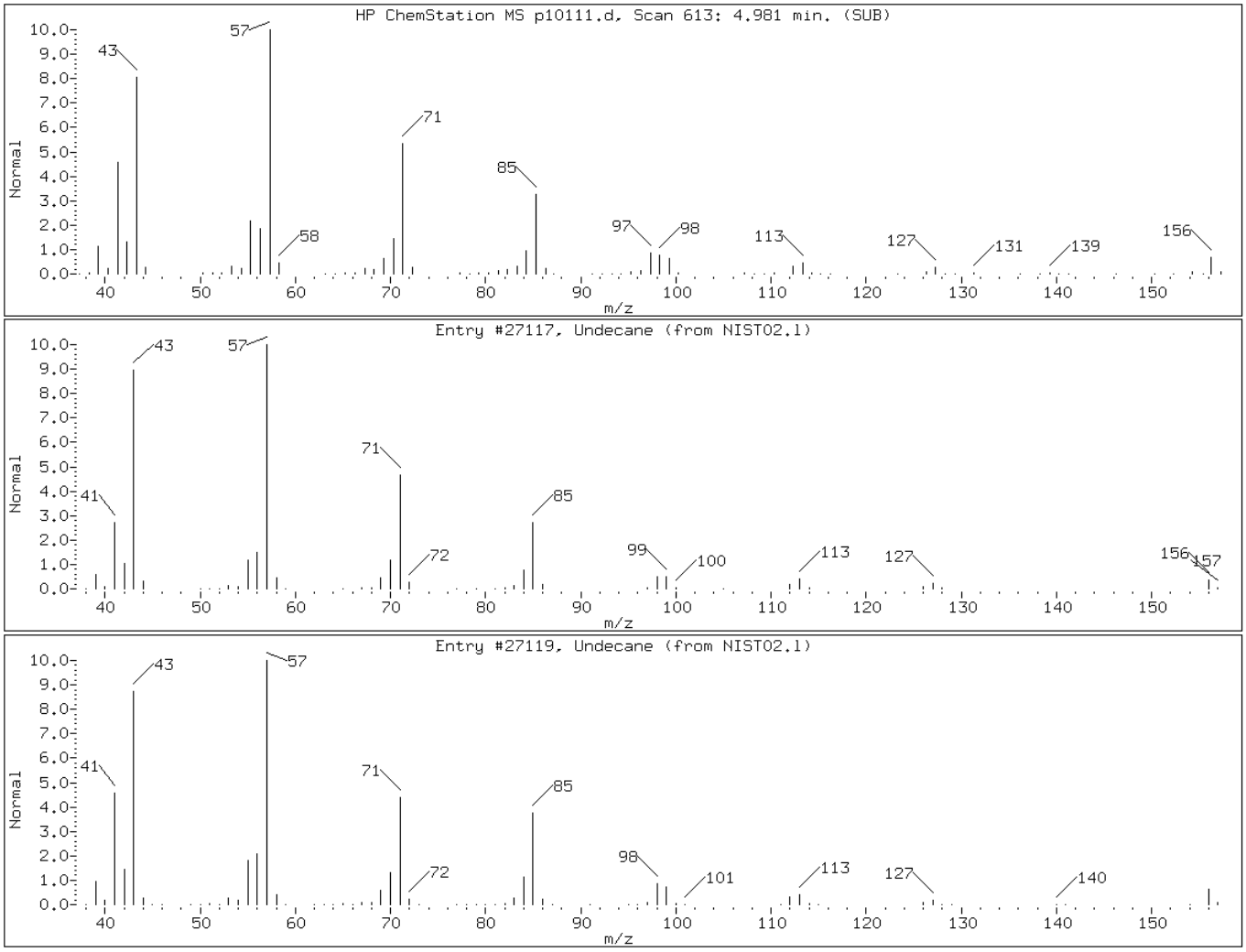
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 4.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane	1120-21-4	NIST02.l	27117	96	C11H24	156
Undecane	1120-21-4	NIST02.l	27119	96	C11H24	156



Data File: p10111.d

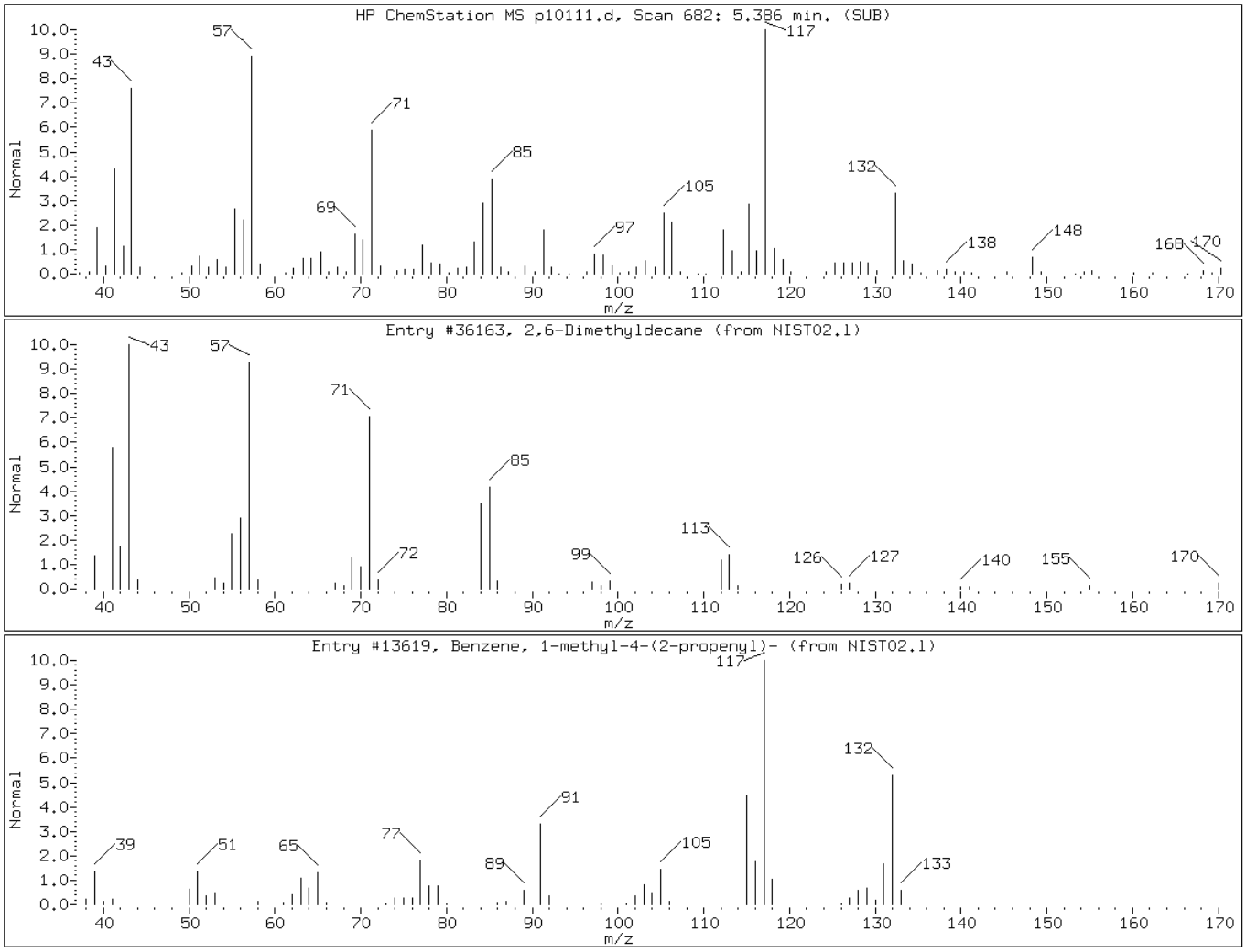
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 5.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
2,6-Dimethyldecane	13150-81-7	NIST02.l	36163	86	C12H26	170
Benzene, 1-methyl-4-(2-propenyl)-	3333-13-9	NIST02.l	13619	70	C10H12	132



Data File: p10111.d

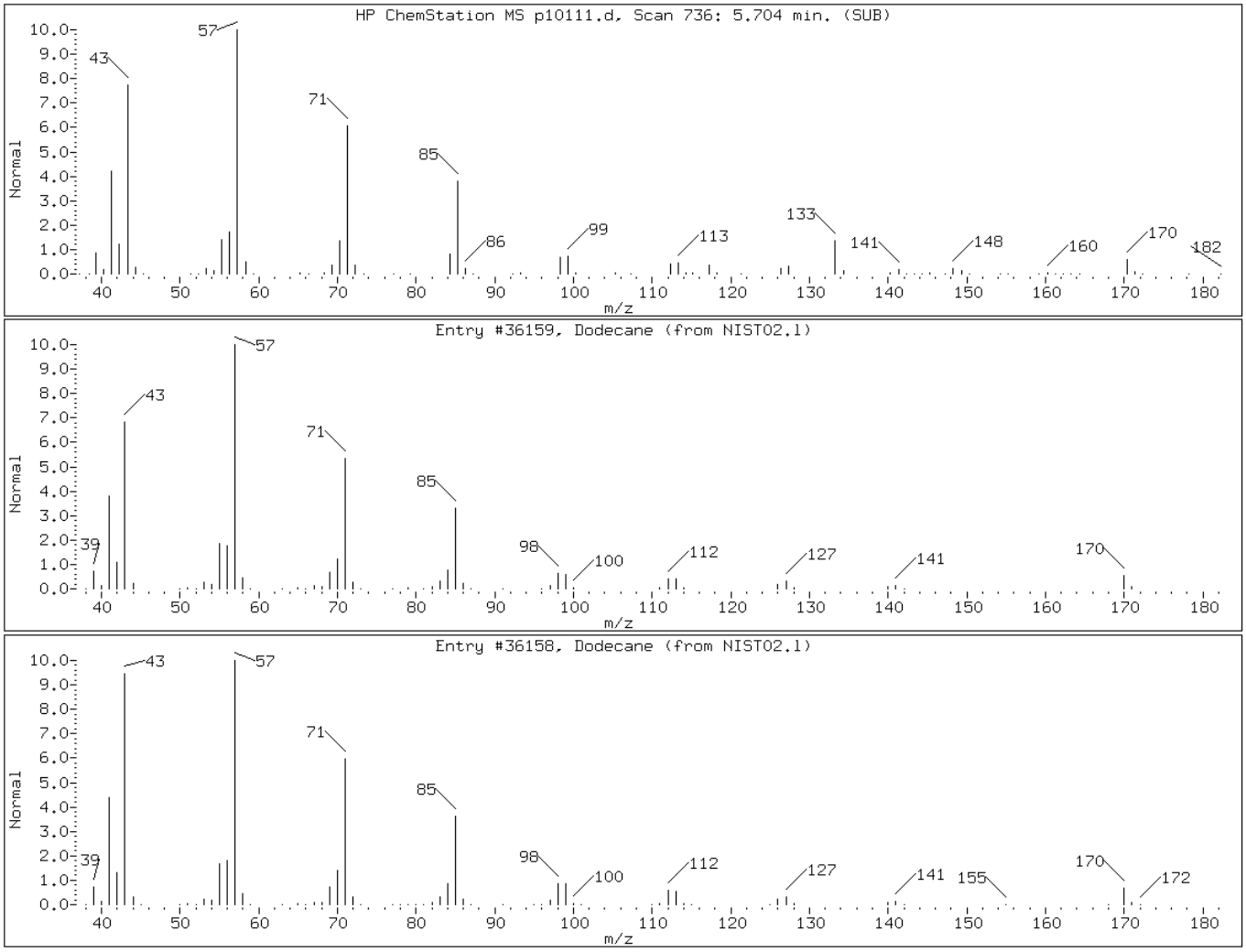
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 5.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane	112-40-3	NIST02.l	36159	96	C12H26	170
Dodecane	112-40-3	NIST02.l	36158	95	C12H26	170



Data File: p10111.d

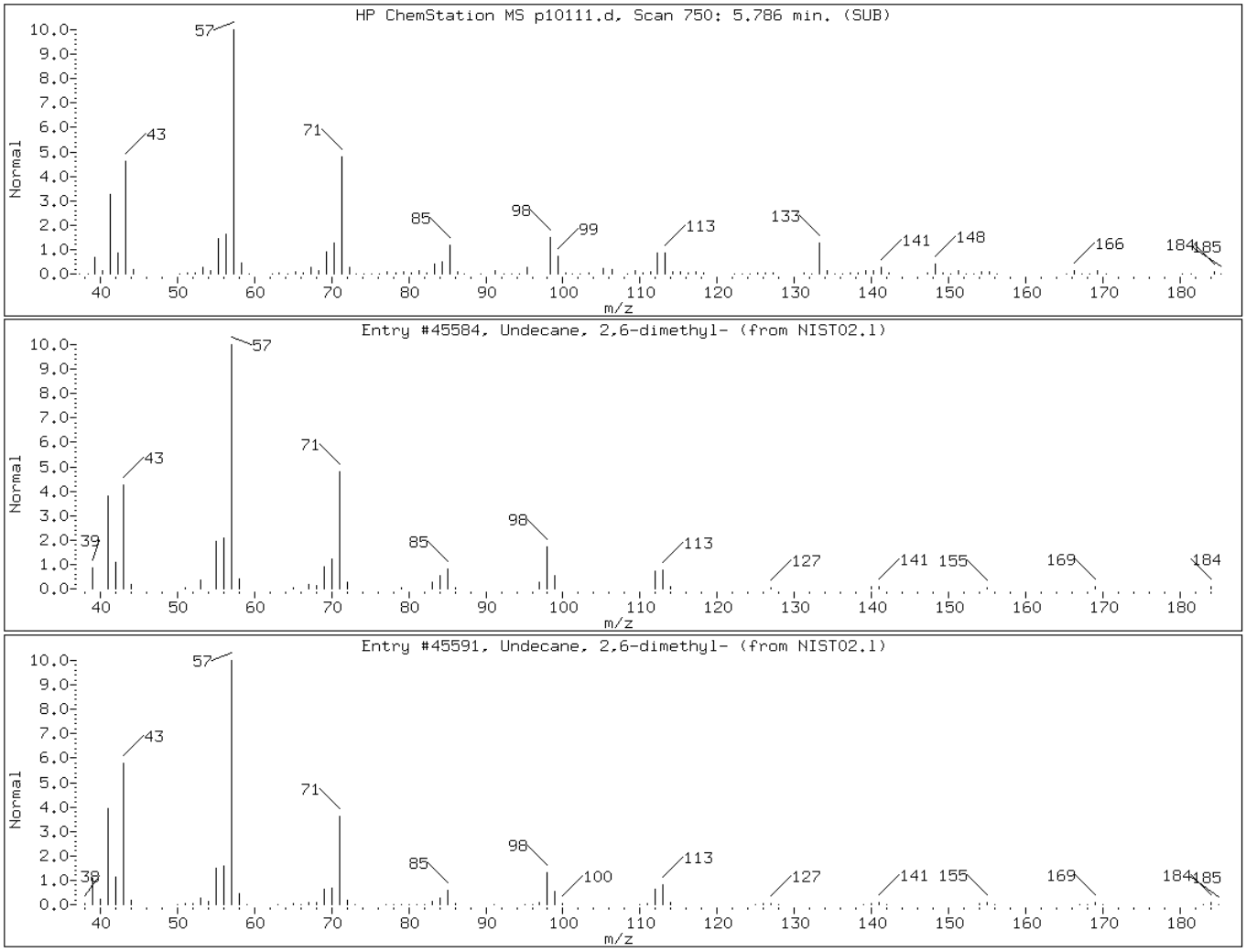
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 5.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	95	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	91	C13H28	184



Data File: p10111.d

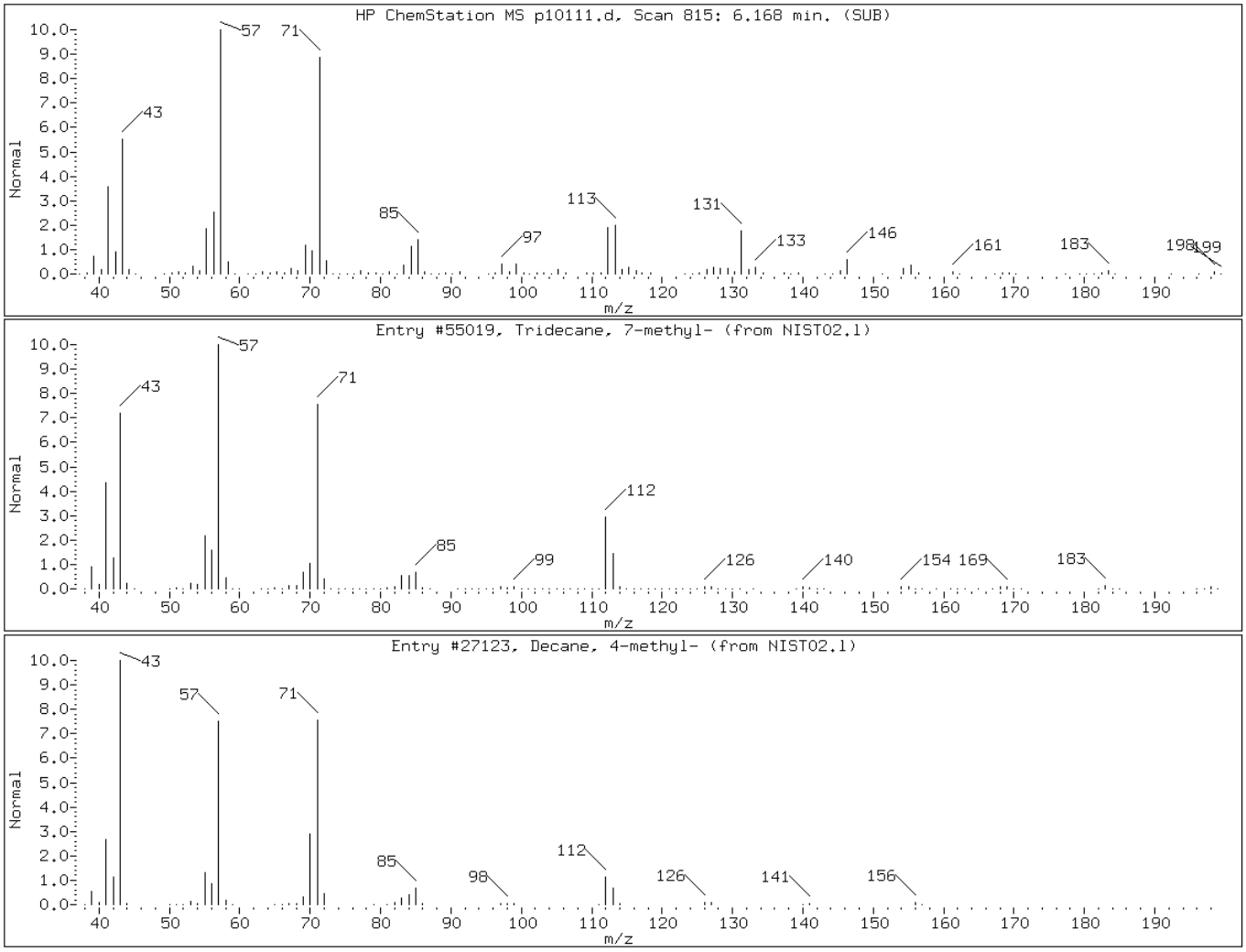
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 6.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	68	C14H30	198
Decane, 4-methyl-	2847-72-5	NIST02.l	27123	64	C11H24	156



Data File: p10111.d

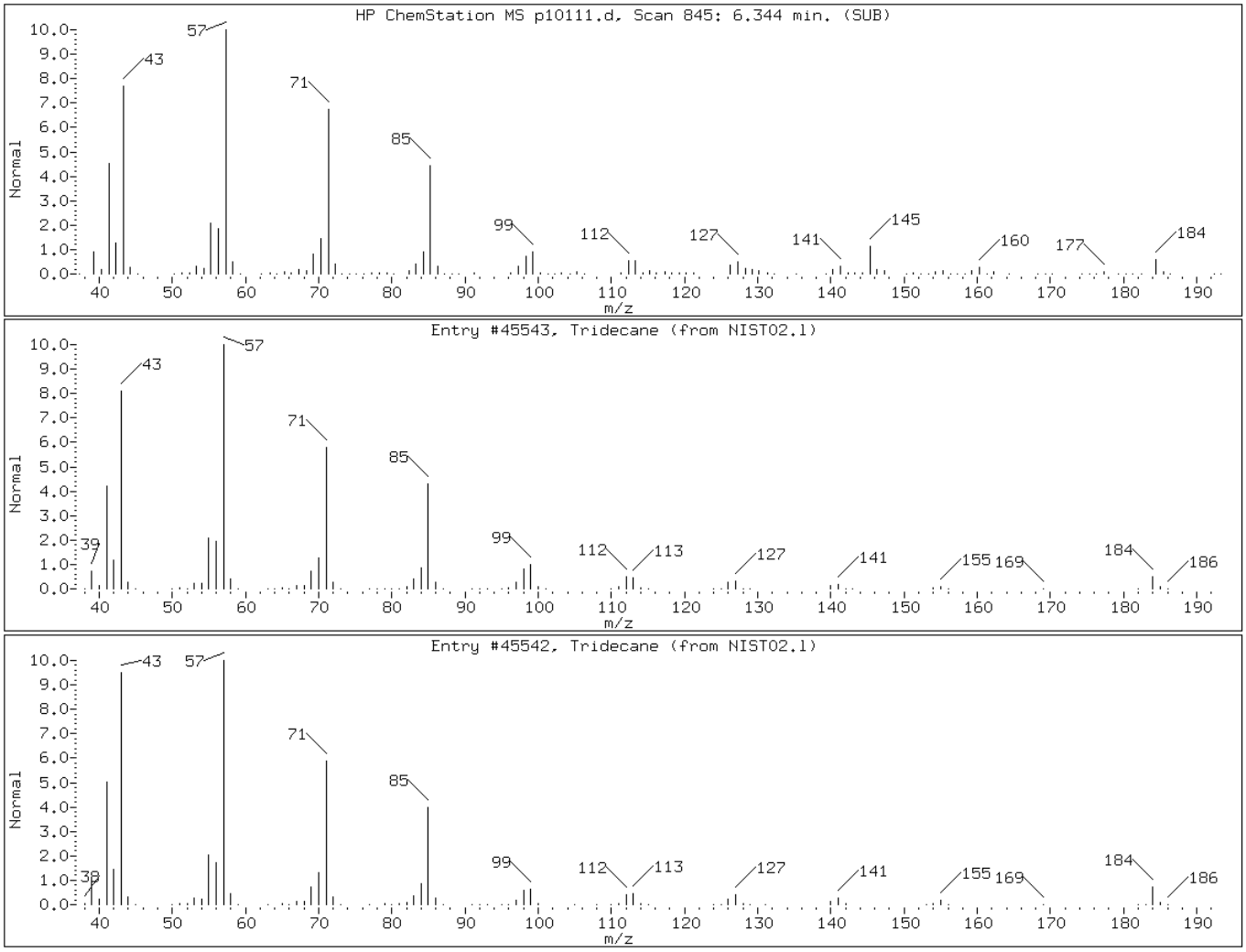
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 6.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tridecane	629-50-5	NIST02.l	45543	98	C13H28	184
Tridecane	629-50-5	NIST02.l	45542	97	C13H28	184



Data File: p10111.d

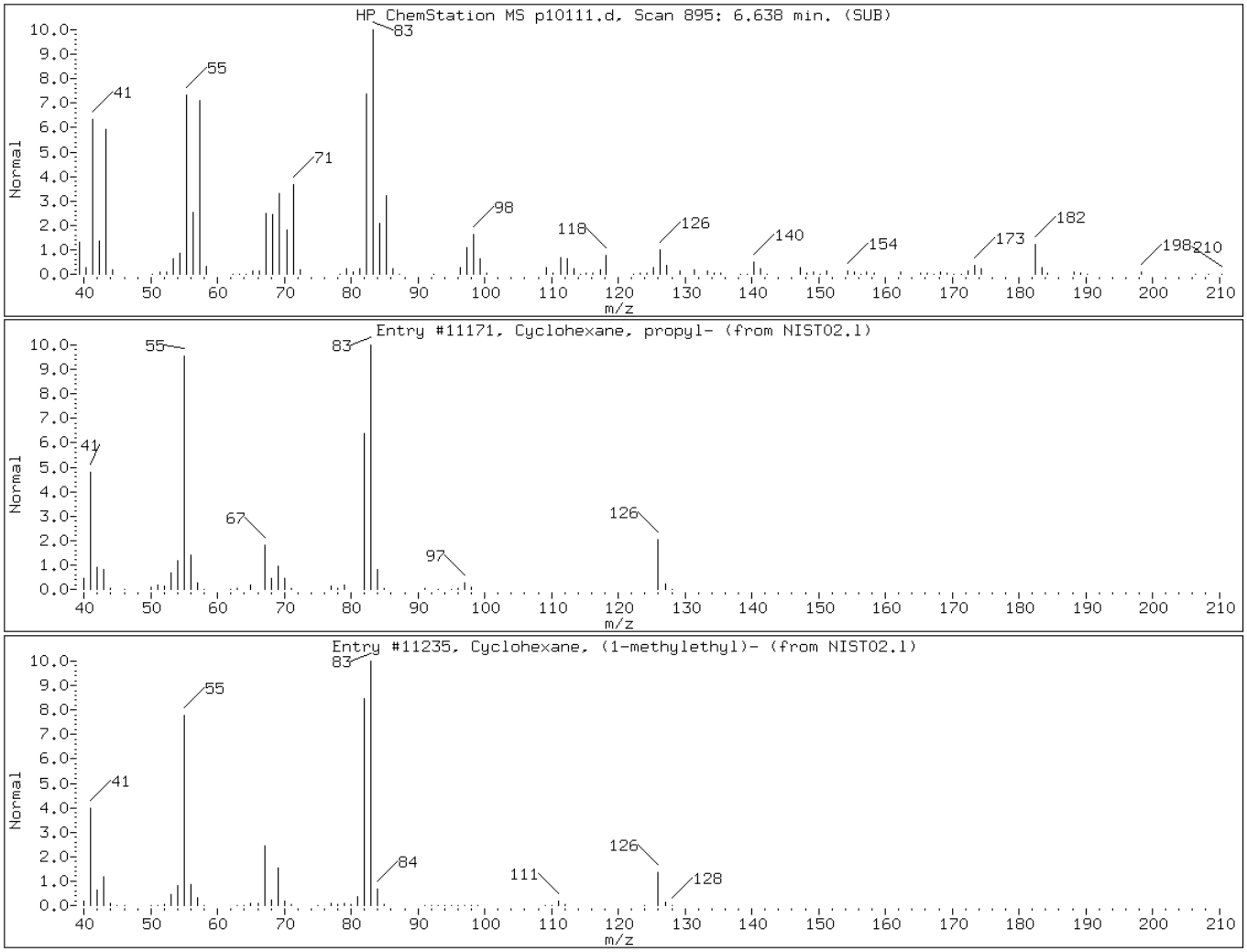
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 6.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, propyl-	1678-92-8	NIST02.l	11171	52	C9H18	126
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.l	11235	49	C9H18	126



Data File: p10111.d

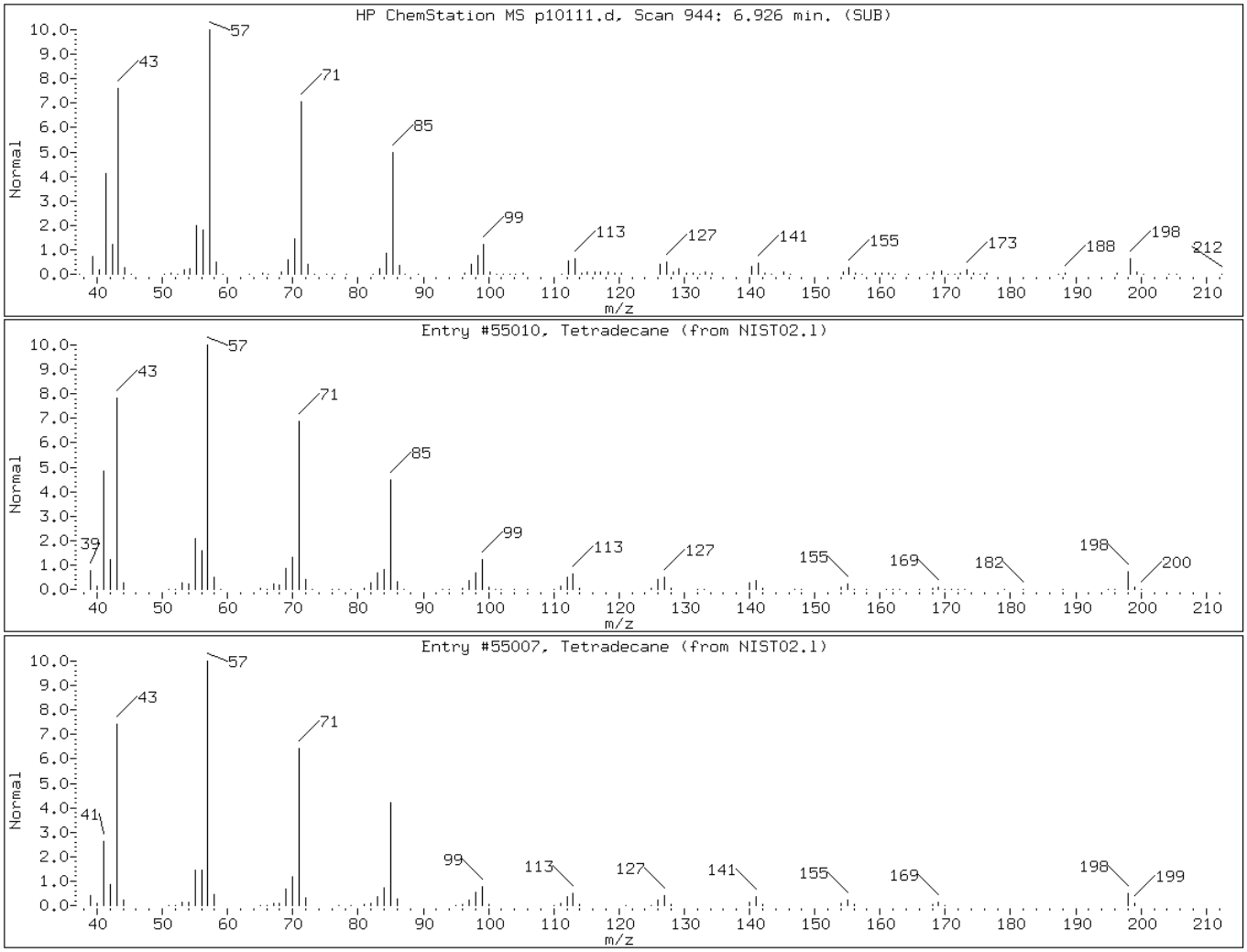
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 6.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetradecane	629-59-4	NIST02.l	55010	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	98	C14H30	198



Data File: p10111.d

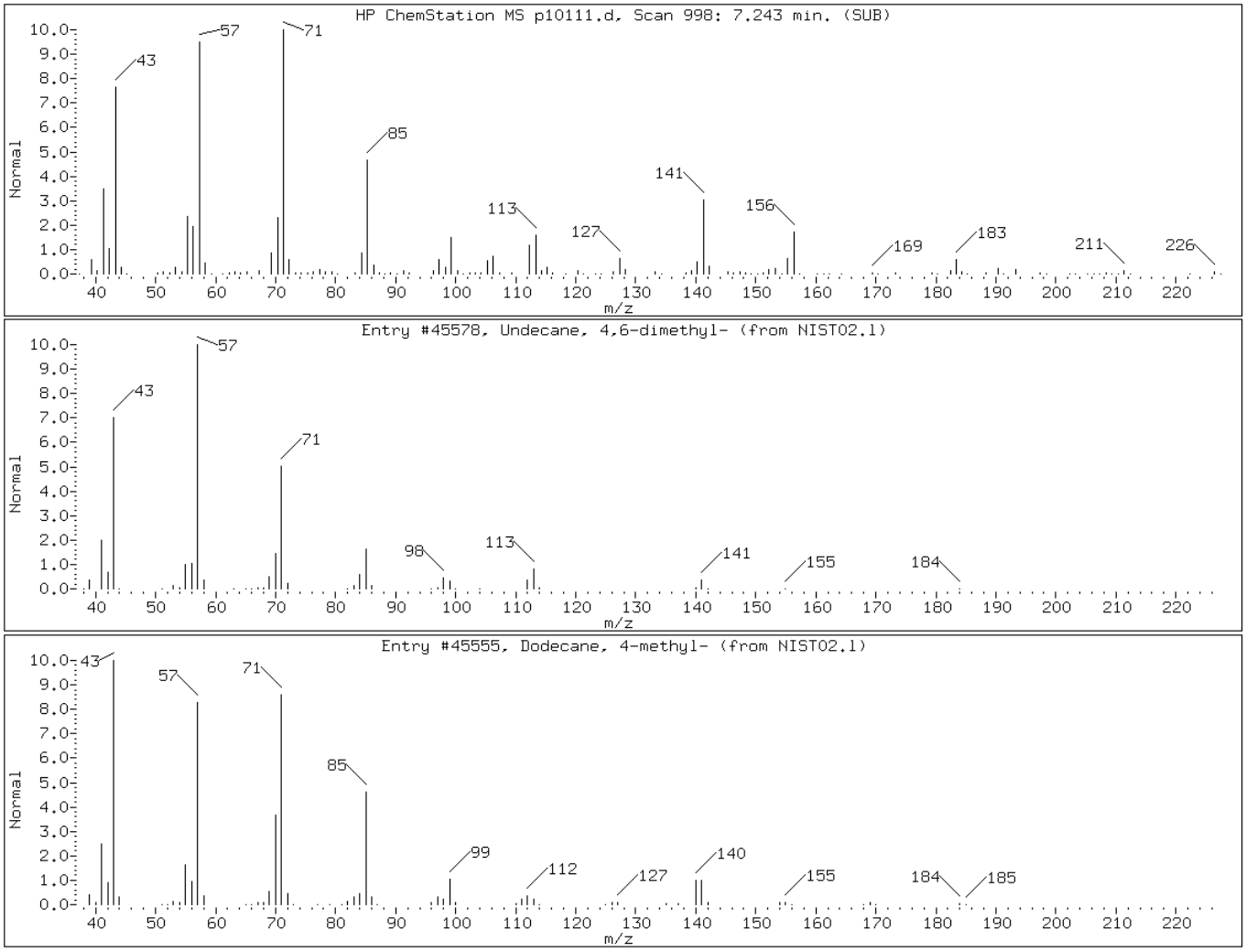
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 7.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.l	45578	72	C13H28	184
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	70	C13H28	184



Data File: p10111.d

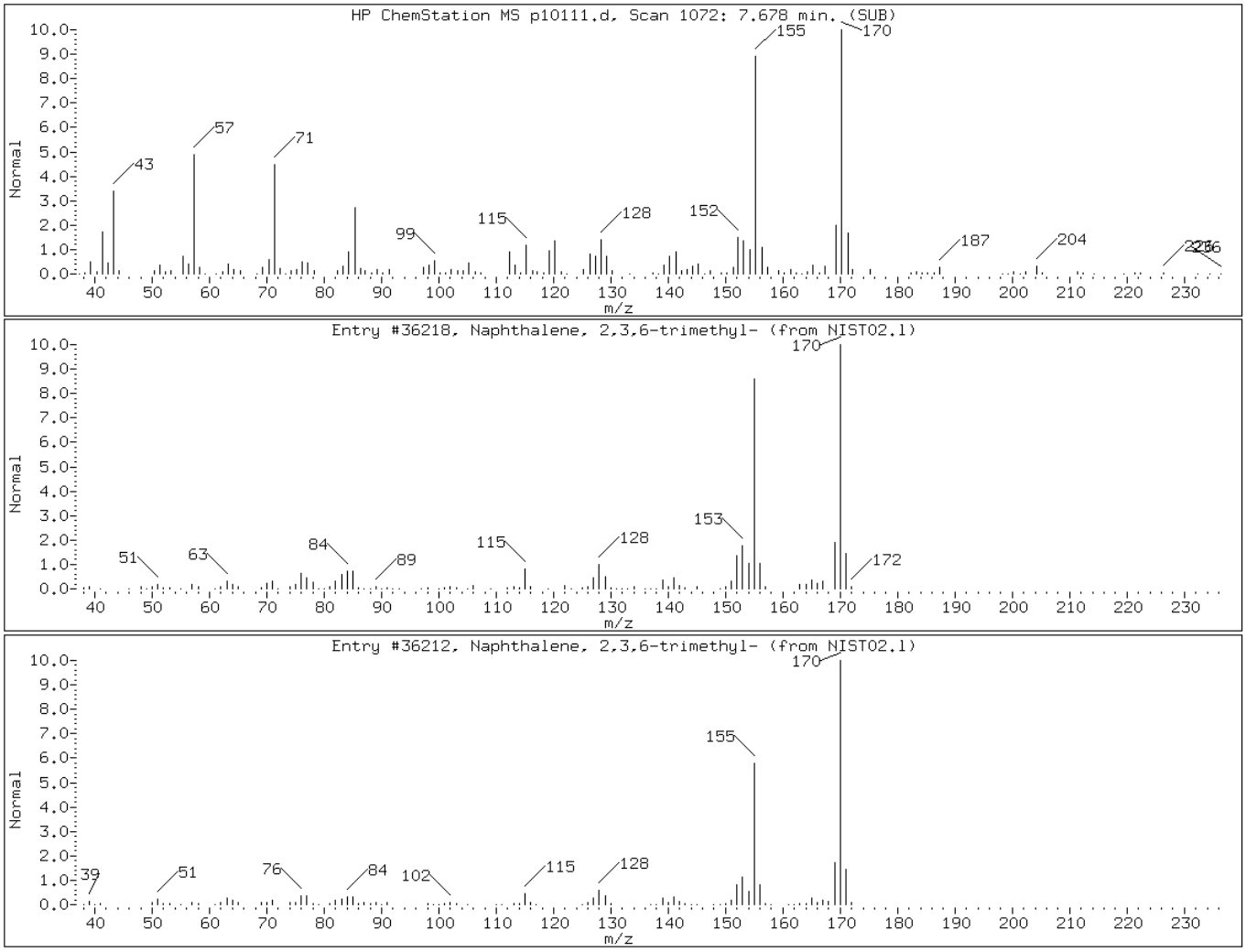
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 7.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	94	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36212	91	C13H14	170



Data File: p10111.d

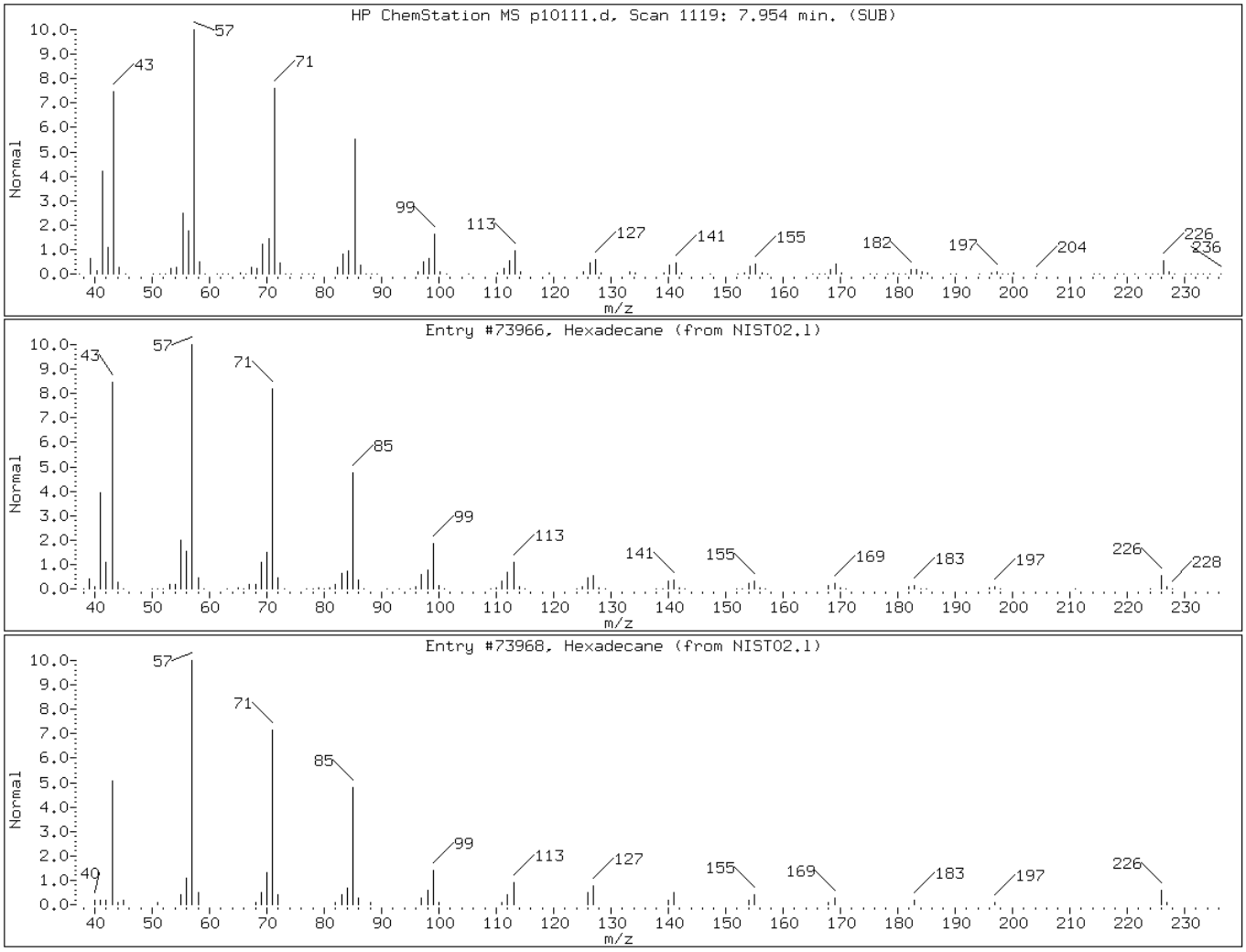
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 7.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Hexadecane	544-76-3	NIST02.l	73966	99	C16H34	226
Hexadecane	544-76-3	NIST02.l	73968	97	C16H34	226



Data File: p10111.d

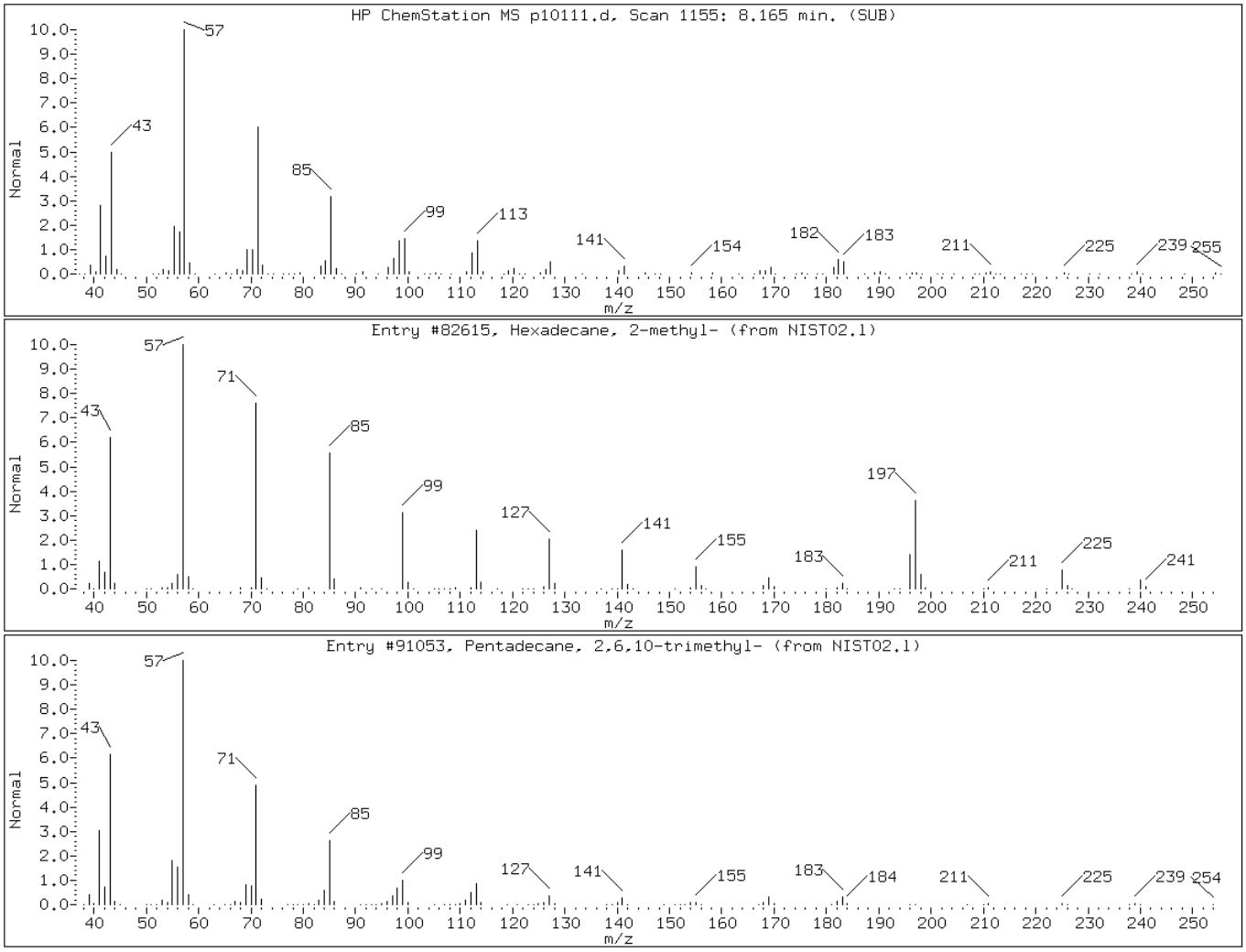
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 8.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Hexadecane, 2-methyl-	1560-92-5	NIST02.l	82615	87	C17H36	240
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	86	C18H38	254



Data File: p10111.d

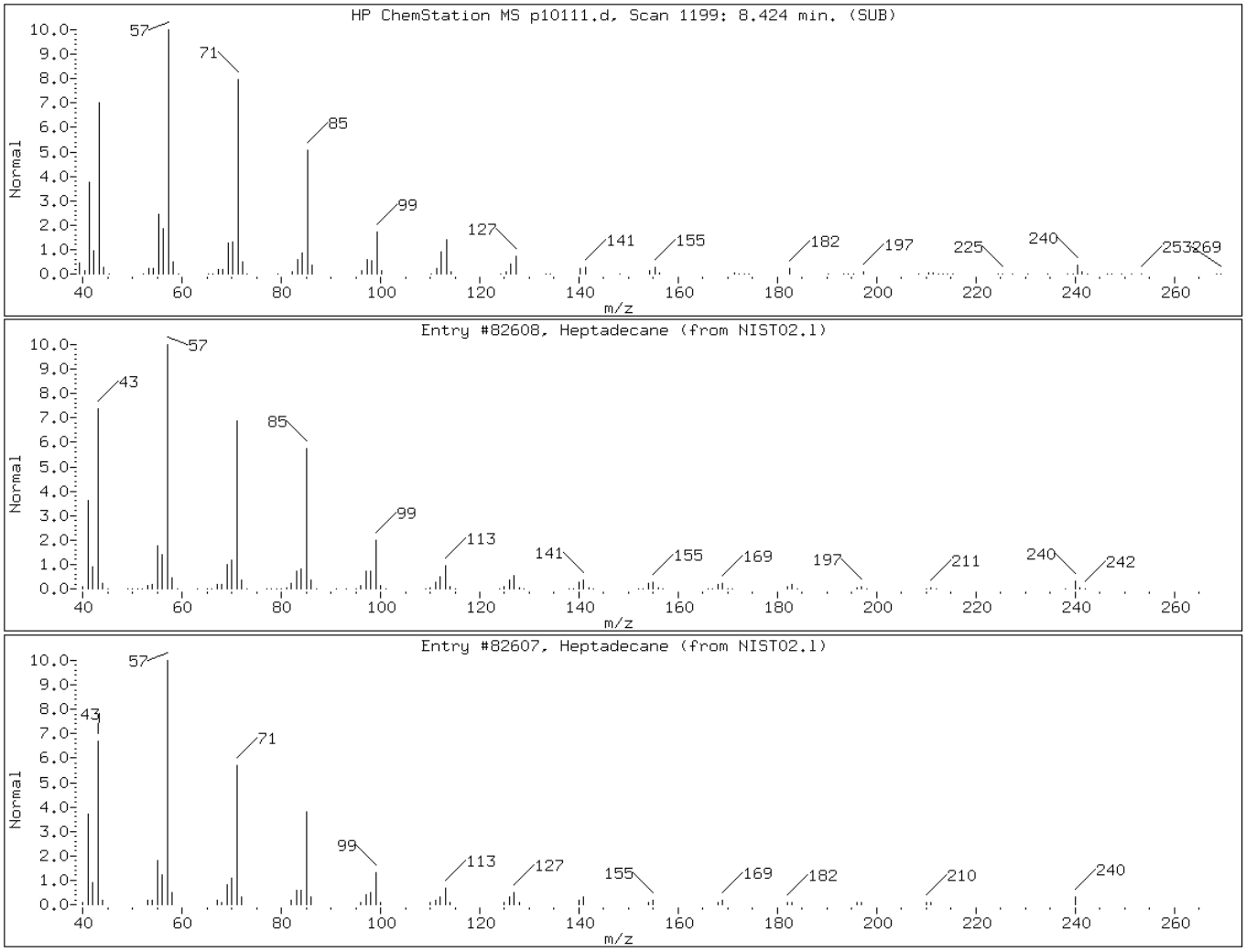
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 8.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Heptadecane	629-78-7	NIST02.l	82608	98	C17H36	240
Heptadecane	629-78-7	NIST02.l	82607	96	C17H36	240



Data File: p10111.d

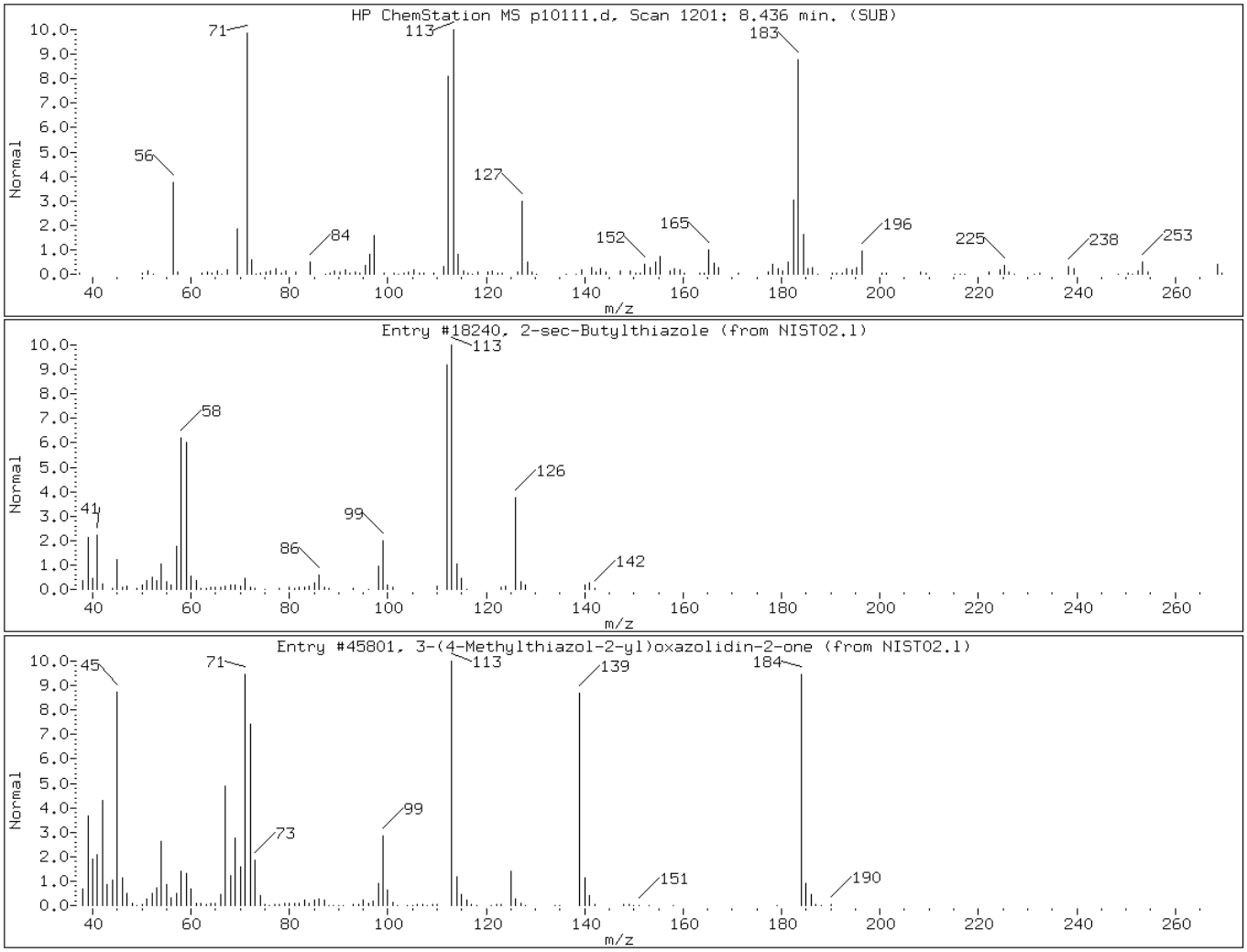
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 8.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
2-sec-Butylthiazole	18277-27-5	NIST02.l	18240	27	C7H11NS	141
3-(4-Methylthiazol-2-yl)oxazolidin	1000260-33-1	NIST02.l	45801	27	C7H8N2O2S	184



Data File: p10111.d

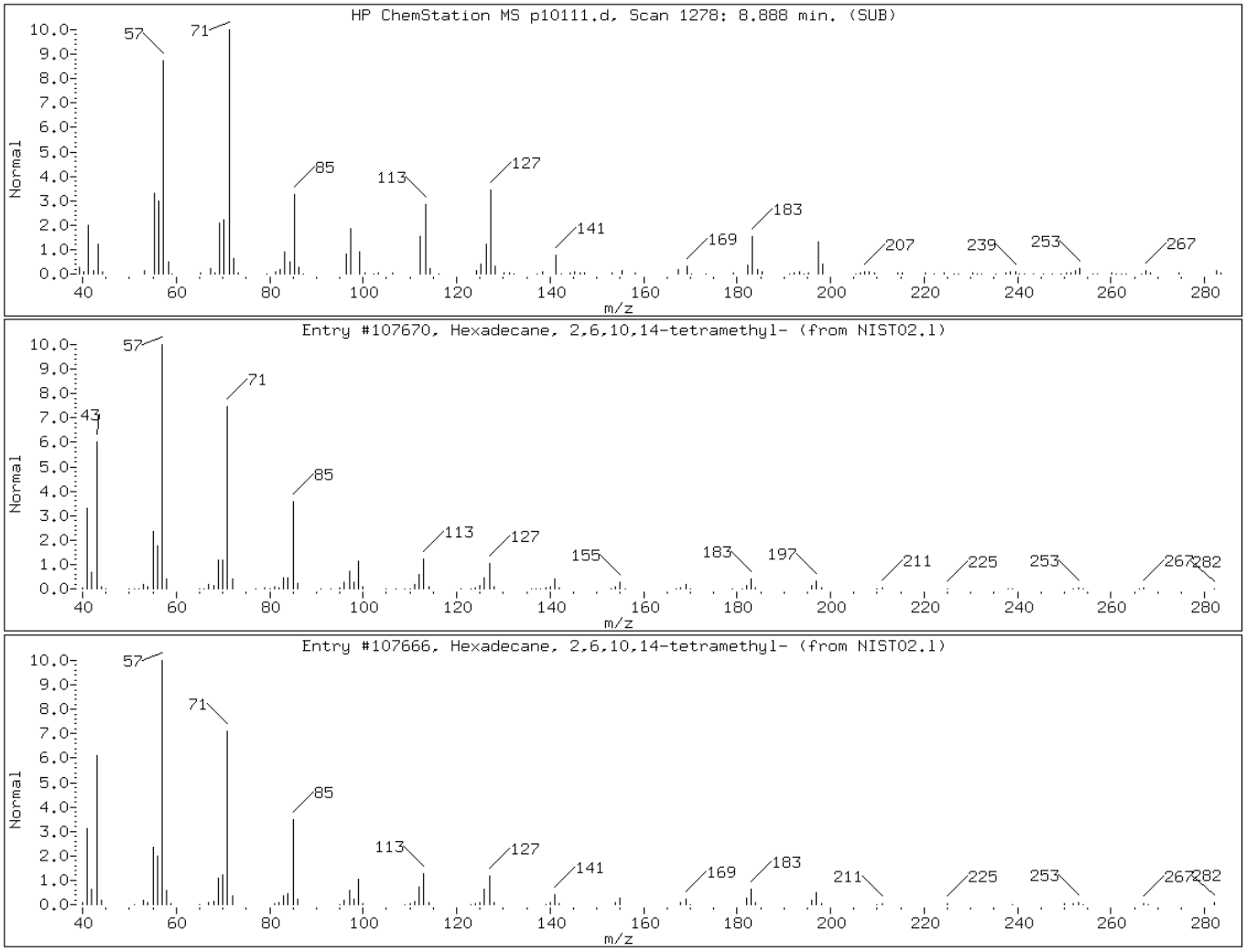
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 8.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	90	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	70	C20H42	282



Data File: p10111.d

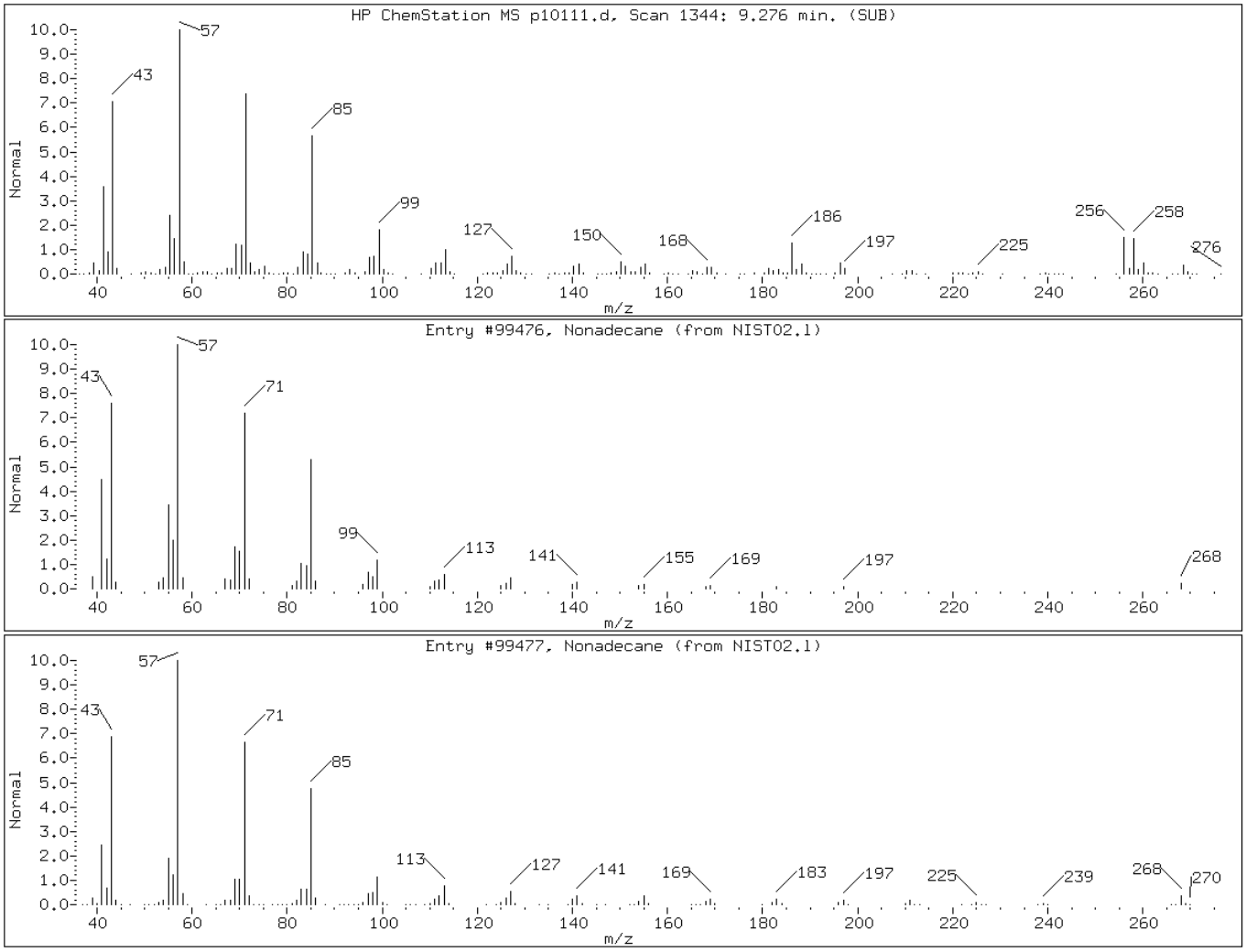
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 9.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Nonadecane	629-92-5	NIST02.l	99476	97	C19H40	268
Nonadecane	629-92-5	NIST02.l	99477	97	C19H40	268



Data File: p10111.d

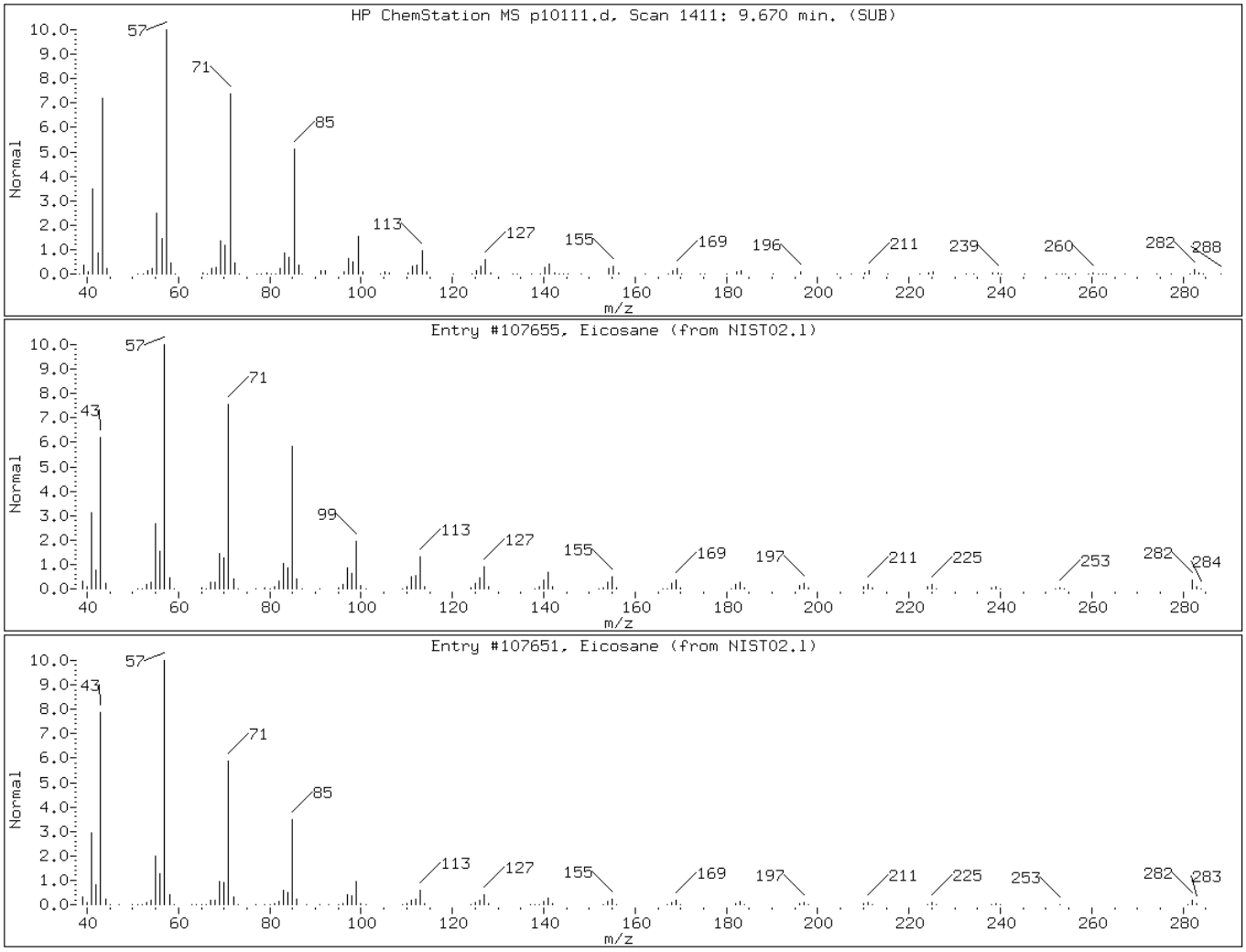
Date: 30-MAR-2011 05:38

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24277-F-28-A Operator: BNAMS 4

Retention Time: 9.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Eicosane	112-95-8	NIST02.l	107655	98	C20H42	282
Eicosane	112-95-8	NIST02.l	107651	96	C20H42	282



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-VD-E (3.5-4) | Lab Sample ID: 460-24277-29

Matrix: Solid | Lab File ID: p10112.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:50

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.01(g) | Date Analyzed: 03/30/2011 06:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	370	U	370	45
95-57-8	2-Chlorophenol	370	U	370	49
95-48-7	2-Methylphenol	370	U	370	53
106-44-5	4-Methylphenol	370	U	370	60
100-52-7	Benzaldehyde	370	U	370	23
98-86-2	Acetophenone	370	U	370	54
111-44-4	Bis(2-chloroethyl)ether	37	U	37	7.6
108-60-1	2,2'-oxybis[1-chloropropane]	370	U	370	48
621-64-7	N-Nitrosodi-n-propylamine	37	U	37	4.8
98-95-3	Nitrobenzene	37	U	37	8.2
67-72-1	Hexachloroethane	37	U	37	6.2
78-59-1	Isophorone	370	U	370	42
88-75-5	2-Nitrophenol	370	U	370	60
105-67-9	2,4-Dimethylphenol	370	U	370	59
120-83-2	2,4-Dichlorophenol	370	U	370	59
111-91-1	Bis(2-chloroethoxy)methane	370	U	370	52
91-20-3	Naphthalene	370	U	370	54
106-47-8	4-Chloroaniline	370	U	370	46
87-68-3	Hexachlorobutadiene	74	U	74	15
105-60-2	Caprolactam	370	U	370	50
59-50-7	4-Chloro-3-methylphenol	370	U	370	61
91-57-6	2-Methylnaphthalene	370	U	370	53
118-74-1	Hexachlorobenzene	37	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	370	U	370	110
88-06-2	2,4,6-Trichlorophenol	370	U	370	66
95-95-4	2,4,5-Trichlorophenol	370	U	370	70
92-52-4	Diphenyl	370	U	370	60
91-58-7	2-Chloronaphthalene	370	U	370	52
88-74-4	2-Nitroaniline	740	U	740	100
606-20-2	2,6-Dinitrotoluene	74	U	74	9.3
131-11-3	Dimethyl phthalate	370	U	370	49
208-96-8	Acenaphthylene	370	U	370	52
99-09-2	3-Nitroaniline	740	U	740	83
83-32-9	Acenaphthene	370	U	370	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-VD-E (3.5-4) | Lab Sample ID: 460-24277-29

Matrix: Solid | Lab File ID: p10112.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:50

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.01(g) | Date Analyzed: 03/30/2011 06:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	94
51-28-5	2,4-Dinitrophenol	1100	U	1100	78
132-64-9	Dibenzofuran	370	U	370	55
84-66-2	Diethyl phthalate	370	U	370	49
86-73-7	Fluorene	370	U	370	62
206-44-0	Fluoranthene	370	U	370	61
84-74-2	Di-n-butyl phthalate	370	U	370	56
121-14-2	2,4-Dinitrotoluene	74	U	74	11
7005-72-3	4-Chlorophenyl phenyl ether	370	U	370	63
100-01-6	4-Nitroaniline	740	U	740	76
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	370	U	370	65
1912-24-9	Atrazine	370	U	370	68
120-12-7	Anthracene	370	U	370	65
86-74-8	Carbazole	370	U	370	58
85-01-8	Phenanthrene	370	U	370	64
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	370	U	370	63
218-01-9	Chrysene	370	U	370	53
207-08-9	Benzo[k]fluoranthene	37	U	37	5.1
191-24-2	Benzo[g,h,i]perylene	370	U	370	39
205-99-2	Benzo[b]fluoranthene	37	U	37	5.4
50-32-8	Benzo[a]pyrene	37	U	37	4.5
56-55-3	Benzo[a]anthracene	37	U	37	6.8
86-30-6	N-Nitrosodiphenylamine	370	U	370	60
85-68-7	Butyl benzyl phthalate	370	U	370	43
117-81-7	Bis(2-ethylhexyl) phthalate	370	U	370	49
117-84-0	Di-n-octyl phthalate	370	U	370	43
193-39-5	Indeno[1,2,3-cd]pyrene	37	U	37	5.9
53-70-3	Dibenz(a,h)anthracene	37	U	37	4.4
91-94-1	3,3'-Dichlorobenzidine	740	U	740	81
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	370	49
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	370	73

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-VD-E (3.5-4) Lab Sample ID: 460-24277-29

Matrix: Solid Lab File ID: p10112.d

Analysis Method: 8270C Date Collected: 03/18/2011 12:50

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.01(g) Date Analyzed: 03/30/2011 06:04

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	77		16-151
118-79-6	2,4,6-Tribromophenol	58		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-VD-E (3.5-4) | Lab Sample ID: 460-24277-29

Matrix: Solid | Lab File ID: p10112.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:50

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.01(g) | Date Analyzed: 03/30/2011 06:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 4 | TIC Result Total: 1840

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	7.23	370	J
	Unknown	7.36	380	J
	Unknown Alkane-2	8.42	770	J
	Unknown Alkane-3	8.88	320	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10112.d
Report Date: 01-Apr-2011 12:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10112.d
Lab Smp Id: 460-24277-F-29-A Client Smp ID: PMP-18-VD-E (3.5-4)
Inj Date : 30-MAR-2011 06:04
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-29-A
Misc Info : 460-24277-F-29-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 42
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	9.69900	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.913	2.883	(0.680)	957240	73.9982	5400
$ 17 Phenol-d5 (SUR)	99	3.917	3.923	(0.915)	1104886	75.2000	5500
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	408710	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.865)	546185	40.8160	3000
* 80 Naphthalene-d8	136	5.651	5.657	(1.000)	1380787	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.779	6.785	(0.910)	883295	39.4297	2900
* 82 Acenaphthene-d10	164	7.449	7.454	(1.000)	686261	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.236	8.242	(1.106)	134810	57.5899	4200
* 83 Phenanthrene-d10	188	8.918	8.917	(1.000)	808118	40.0000	
115 n-Octadecane	57	8.841	8.847	(0.991)	16245	1.57274	120(a)
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	495292	38.6930	2800
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	582442	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	524261	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10112.d
Report Date: 01-Apr-2011 12:19

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10112.d
Report Date: 01-Apr-2011 12:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10112.d
Lab Smp Id: 460-24277-F-29-A Client Smp ID: PMP-18-VD-E (3.5-4)
Inj Date : 30-MAR-2011 06:04
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-29-A
Misc Info : 460-24277-F-29-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 42
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	9.69900	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 82 Acenaphthene-d10	7.449	3075247	40.000
* 83 Phenanthrene-d10	8.918	2174099	40.000

	CONCENTRATIONS			QUANT			
	RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1						CAS #:		
	7.231	384044	4.99528953	370	0		0	82

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10112.d
Report Date: 01-Apr-2011 12:19

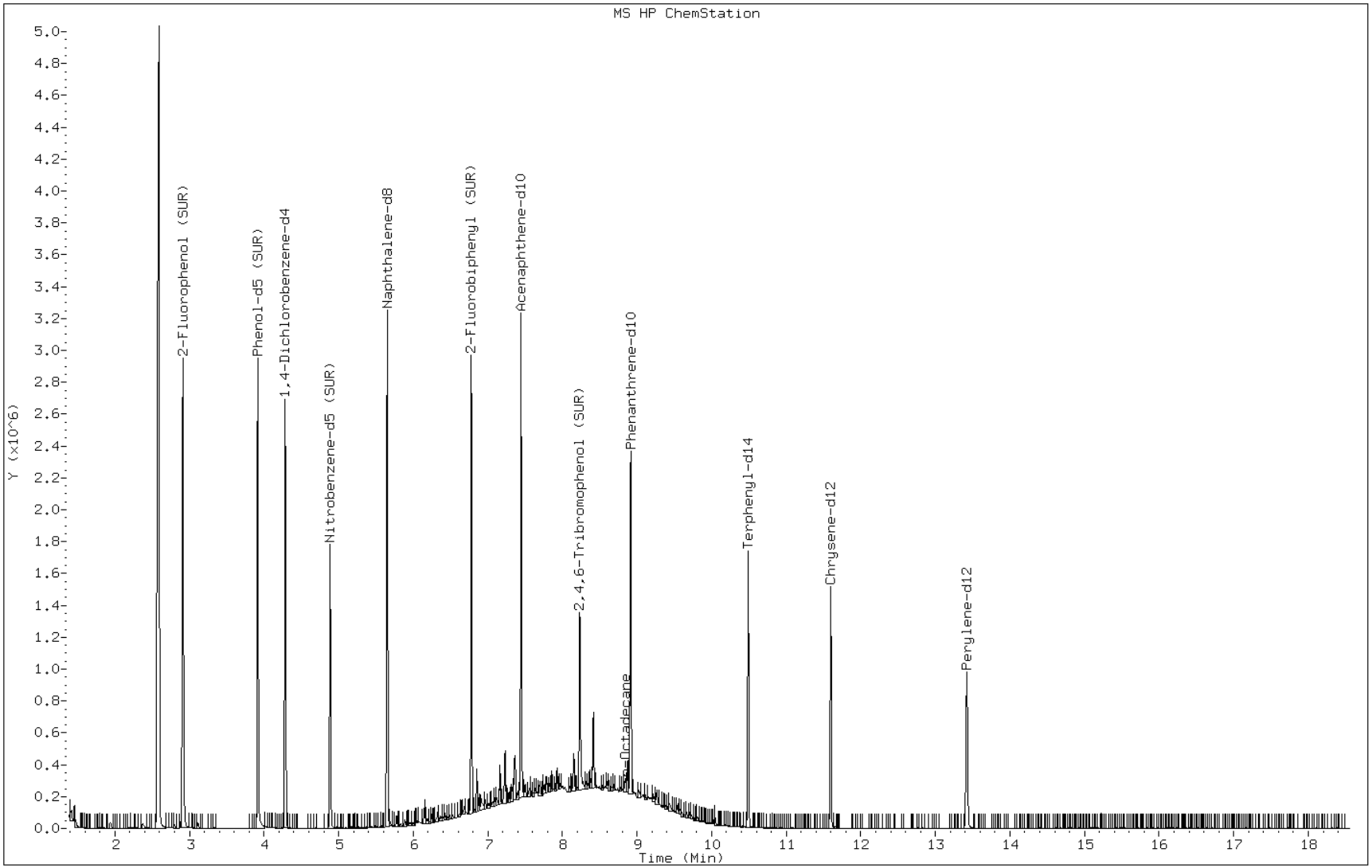
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
7.361	390902	5.08449375	380	0		0	82
Unknown Alkane-2					CAS #:		
8.418	568729	10.4637157	770	0		0	83
Unknown Alkane-3					CAS #:		
8.876	235602	4.33470640	320	0		0	83

Data File: p10112.d

Date: 30-MAR-2011 06:04

Client ID: PMP-18-VD-E (3.5-4) Instrument: BNAMS10.i

Sample Info: 460-24277-F-29-A Operator: BNAMS 4



Data File: p10112.d

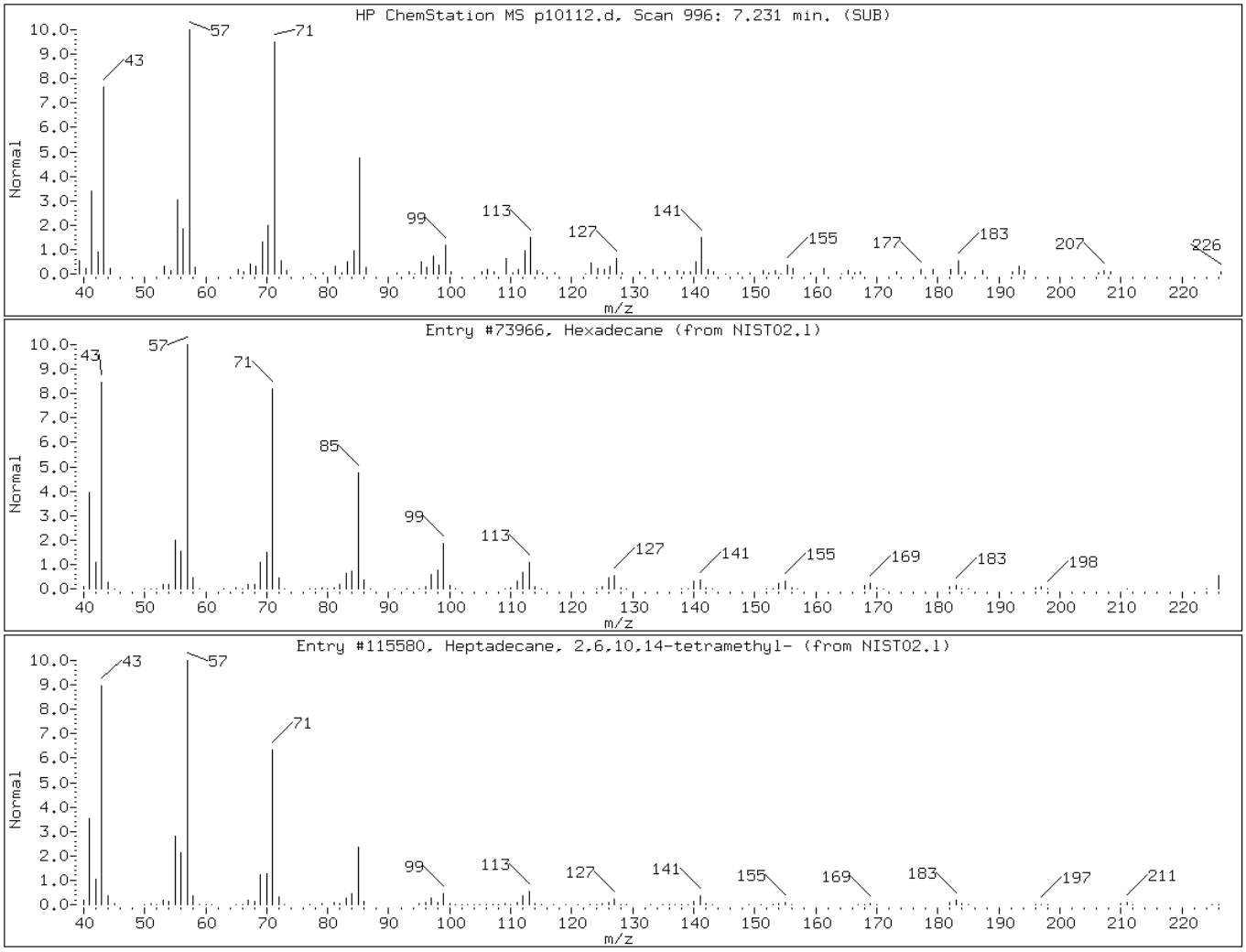
Date: 30-MAR-2011 06:04

Client ID: PMP-18-VD-E (3.5-4) Instrument: BNAMS10.i

Sample Info: 460-24277-F-29-A Operator: BNAMS 4

Retention Time: 7.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Hexadecane	544-76-3	NIST02.l	73966	90	C16H34	226
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	90	C21H44	296



Data File: p10112.d

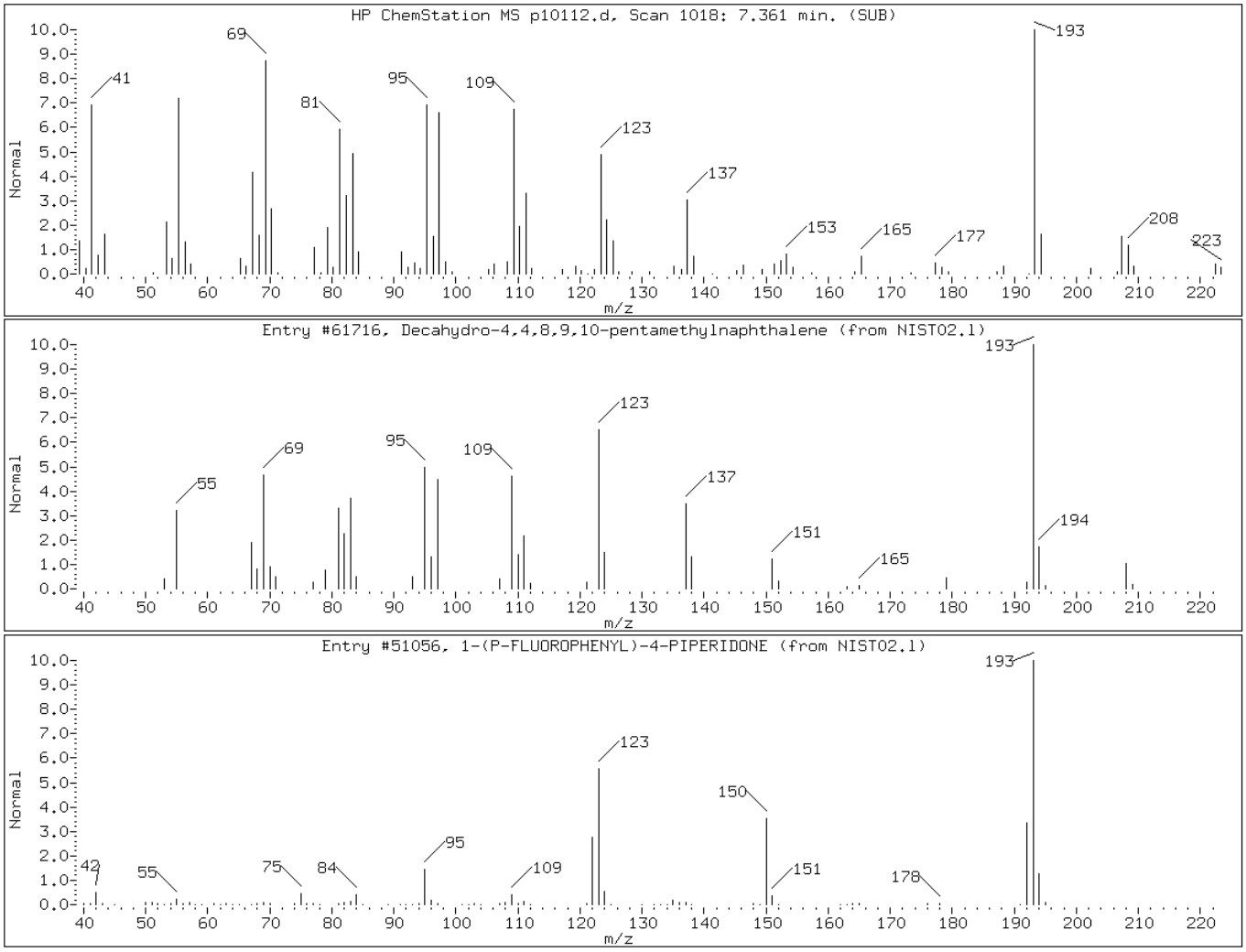
Date: 30-MAR-2011 06:04

Client ID: PMP-18-VD-E (3.5-4) Instrument: BNAMS10.i

Sample Info: 460-24277-F-29-A Operator: BNAMS 4

Retention Time: 7.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	76	C15H28	208
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	27	C11H12FNO	193



Data File: p10112.d

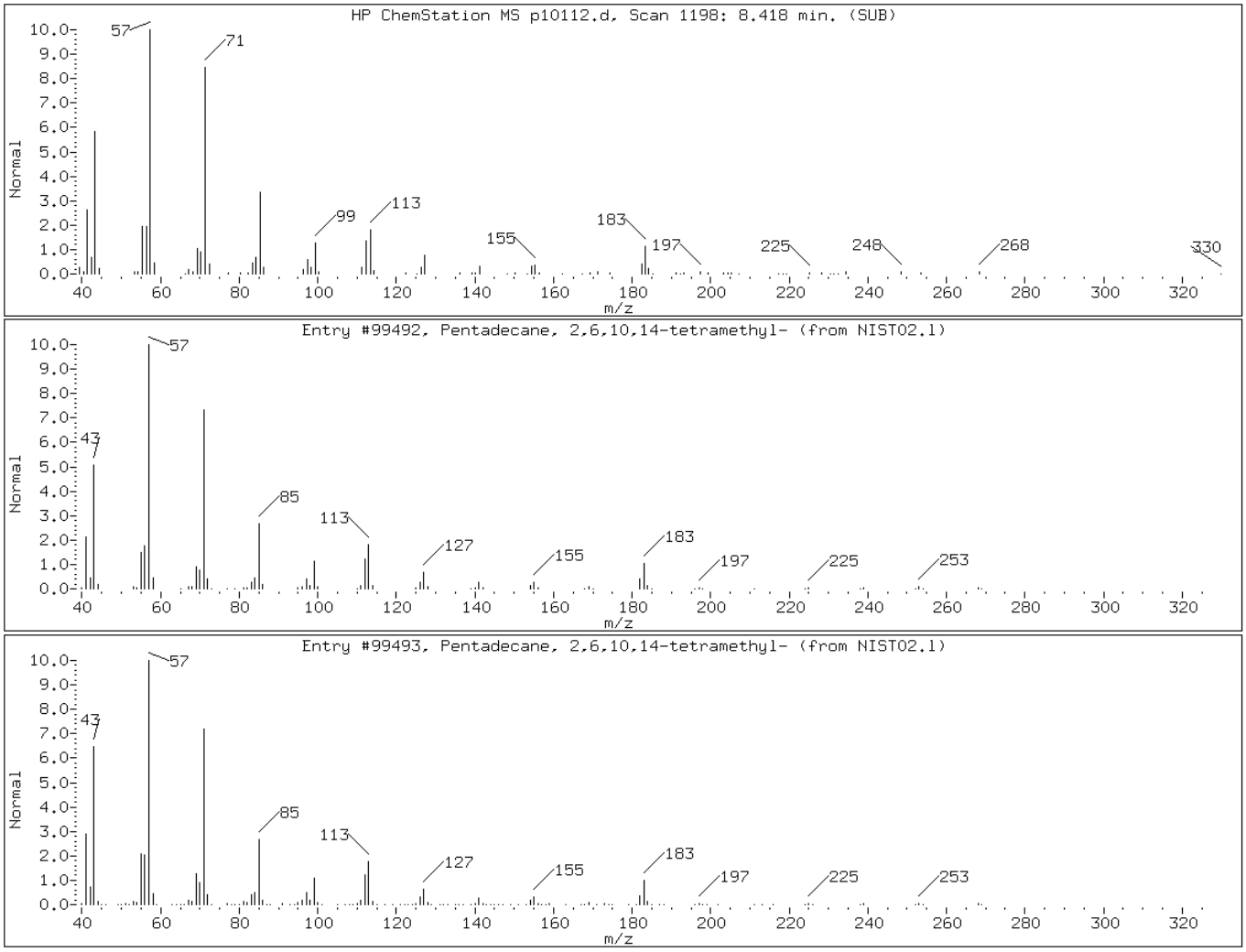
Date: 30-MAR-2011 06:04

Client ID: PMP-18-VD-E (3.5-4) Instrument: BNAMS10.i

Sample Info: 460-24277-F-29-A Operator: BNAMS 4

Retention Time: 8.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	99	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	98	C19H40	268



Data File: p10112.d

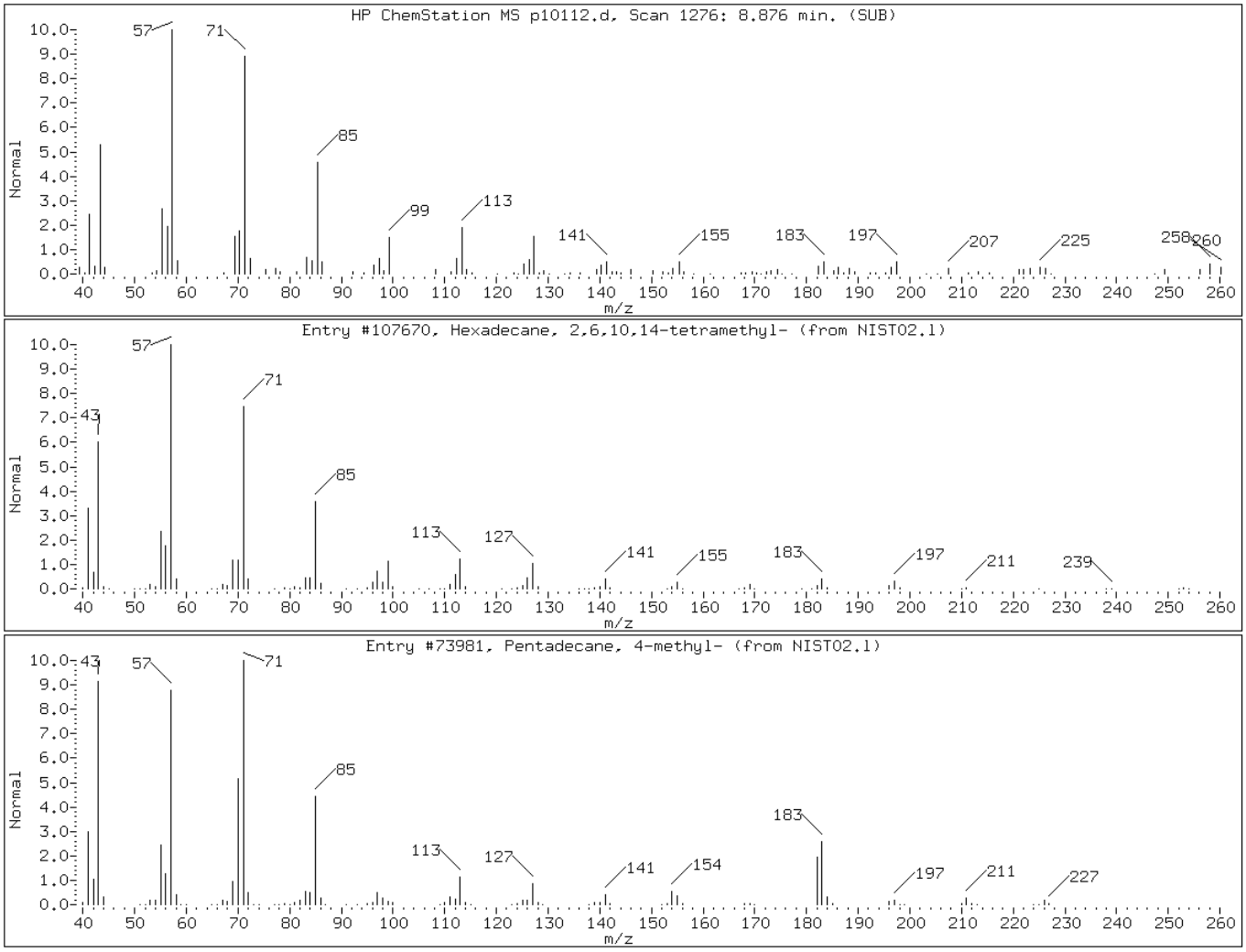
Date: 30-MAR-2011 06:04

Client ID: PMP-18-VD-E (3.5-4) Instrument: BNAMS10.i

Sample Info: 460-24277-F-29-A Operator: BNAMS 4

Retention Time: 8.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	91	C20H42	282
Pentadecane, 4-methyl-	2801-87-8	NIST02.l	73981	90	C16H34	226



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-WT-E (8-8.5) | Lab Sample ID: 460-24277-30

Matrix: Solid | Lab File ID: p10118.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:55

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.98(g) | Date Analyzed: 03/30/2011 08:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	360	U	360	44
95-57-8	2-Chlorophenol	360	U	360	48
95-48-7	2-Methylphenol	360	U	360	52
106-44-5	4-Methylphenol	360	U	360	59
100-52-7	Benzaldehyde	360	U	360	23
98-86-2	Acetophenone	360	U	360	54
111-44-4	Bis(2-chloroethyl)ether	36	U	36	7.5
108-60-1	2,2'-oxybis[1-chloropropane]	360	U	360	47
621-64-7	N-Nitrosodi-n-propylamine	36	U	36	4.8
98-95-3	Nitrobenzene	36	U	36	8.1
67-72-1	Hexachloroethane	36	U	36	6.1
78-59-1	Isophorone	360	U	360	42
88-75-5	2-Nitrophenol	360	U	360	59
105-67-9	2,4-Dimethylphenol	360	U	360	58
120-83-2	2,4-Dichlorophenol	360	U	360	58
111-91-1	Bis(2-chloroethoxy)methane	360	U	360	52
91-20-3	Naphthalene	360	U	360	53
106-47-8	4-Chloroaniline	360	U	360	45
87-68-3	Hexachlorobutadiene	73	U	73	15
105-60-2	Caprolactam	360	U	360	50
59-50-7	4-Chloro-3-methylphenol	360	U	360	61
91-57-6	2-Methylnaphthalene	400		360	53
118-74-1	Hexachlorobenzene	36	U	36	5.0
77-47-4	Hexachlorocyclopentadiene	360	U	360	110
88-06-2	2,4,6-Trichlorophenol	360	U	360	65
95-95-4	2,4,5-Trichlorophenol	360	U	360	70
92-52-4	Diphenyl	360	U	360	60
91-58-7	2-Chloronaphthalene	360	U	360	51
88-74-4	2-Nitroaniline	730	U	730	99
606-20-2	2,6-Dinitrotoluene	73	U	73	9.2
131-11-3	Dimethyl phthalate	360	U	360	49
208-96-8	Acenaphthylene	360	U	360	52
99-09-2	3-Nitroaniline	730	U	730	82
83-32-9	Acenaphthene	360	U	360	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-WT-E (8-8.5) | Lab Sample ID: 460-24277-30

Matrix: Solid | Lab File ID: p10118.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:55

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.98(g) | Date Analyzed: 03/30/2011 08:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	93
51-28-5	2,4-Dinitrophenol	1100	U	1100	77
132-64-9	Dibenzofuran	360	U	360	54
84-66-2	Diethyl phthalate	360	U	360	49
86-73-7	Fluorene	770		360	61
206-44-0	Fluoranthene	360	U	360	60
84-74-2	Di-n-butyl phthalate	360	U	360	55
121-14-2	2,4-Dinitrotoluene	73	U	73	11
7005-72-3	4-Chlorophenyl phenyl ether	360	U	360	62
100-01-6	4-Nitroaniline	730	U	730	75
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	360	U	360	64
1912-24-9	Atrazine	360	U	360	67
120-12-7	Anthracene	360	U	360	64
86-74-8	Carbazole	360	U	360	57
85-01-8	Phenanthrene	1400		360	63
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	220	J	360	63
218-01-9	Chrysene	360	U	360	53
207-08-9	Benzo[k]fluoranthene	36	U	36	5.1
191-24-2	Benzo[g,h,i]perylene	360	U	360	38
205-99-2	Benzo[b]fluoranthene	36	U	36	5.4
50-32-8	Benzo[a]pyrene	36	U	36	4.4
56-55-3	Benzo[a]anthracene	36	U	36	6.7
86-30-6	N-Nitrosodiphenylamine	360	U	360	59
85-68-7	Butyl benzyl phthalate	360	U	360	42
117-81-7	Bis(2-ethylhexyl) phthalate	360	U	360	48
117-84-0	Di-n-octyl phthalate	360	U	360	43
193-39-5	Indeno[1,2,3-cd]pyrene	36	U	36	5.8
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.3
91-94-1	3,3'-Dichlorobenzidine	730	U	730	80
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U	360	49
58-90-2	2,3,4,6-Tetrachlorophenol	360	U	360	72

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-WT-E (8-8.5) | Lab Sample ID: 460-24277-30

Matrix: Solid | Lab File ID: p10118.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:55

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.98(g) | Date Analyzed: 03/30/2011 08:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	96		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	79		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-WT-E (8-8.5) | Lab Sample ID: 460-24277-30

Matrix: Solid | Lab File ID: p10118.d

Analysis Method: 8270C | Date Collected: 03/18/2011 12:55

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.98(g) | Date Analyzed: 03/30/2011 08:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 116100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-3	5.80	2900	J
	Unknown Alkane-4	6.19	3400	J
	Unknown-3	6.66	7800	J
	Unknown-4	6.88	3200	J
	Unknown Alkane-5	6.95	3500	J
	Dimethylnaphthalene isomer	7.07	3200	J
575-41-7	1,3-Dimethylnaphthalene	7.15	10000	E
	Unknown Alkane-6	7.27	11000	J
	Unknown-5	7.39	3400	J
	Trimethylnaphthalene isomer-1	7.60	3100	J
	Trimethylnaphthalene isomer-2	7.70	4700	J
	Trimethylnaphthalene isomer-3	7.73	4300	J
	Unknown Alkane-7	7.79	3500	J
	Trimethylnaphthalene isomer-4	7.90	4400	J
	Unknown-6	8.07	2700	J
	Unknown Alkane-8	8.19	8800	J
	Unknown Cycloalkane	8.28	4200	J
	Unknown Alkane-9	8.46	17000	J
	Unknown Alkane-10	8.91	11000	J
	Trichloro-1,1-biphenyl isomer	9.36	4000	J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10118.d
Report Date: 03-Apr-2011 11:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10118.d
Lab Smp Id: 460-24277-F-30-A Client Smp ID: PMP-18-WT-E (8-8.5)
Inj Date : 30-MAR-2011 08:46
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-30-A
Misc Info : 460-24277-F-30-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 48
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.98000	Weight of sample extracted (g)
M	8.37521	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.913	2.883	(0.680)	920235	78.9905	5800
$ 17 Phenol-d5 (SUR)	99	3.935	3.923	(0.919)	1087183	82.1635	6000
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	368078	40.0000	
22 1,4-Dichlorobenzene	146	4.299	4.305	(1.004)	10380	0.69513	51(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.893	4.899	(0.864)	532155	48.0588	3500
* 80 Naphthalene-d8	136	5.662	5.657	(1.000)	1142569	40.0000	
34 2-Methylnaphthalene	142	6.420	6.403	(1.134)	104046	5.50710	400
120 1-Methylnaphthalene	142	6.520	6.503	(1.151)	447579	23.3742	1700
$ 77 2-Fluorobiphenyl (SUR)	172	6.802	6.785	(0.910)	673320	38.8027	2800
125 1,3-Dimethylnaphthalene	156	7.149	7.120	(0.956)	1746693	140.247	10000(A)
* 82 Acenaphthene-d10	164	7.478	7.454	(1.000)	531577	40.0000	
47 Fluorene	166	8.019	8.001	(1.072)	169175	10.6095	770
$ 18 2,4,6-Tribromophenol (SUR)	330	8.265	8.242	(1.105)	117548	64.8280	4700

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10118.d
Report Date: 03-Apr-2011 11:40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 83 Phenanthrene-d10	188	8.941	8.917	(1.000)	825447	40.0000	
52 Phenanthrene	178	8.965	8.941	(1.003)	477544	19.8943	1400
57 Pyrene	202	10.334	10.328	(0.891)	79017	3.05038	220(a)
$ 78 Terphenyl-d14	244	10.498	10.492	(0.905)	628701	40.1836	2900
* 81 Chrysene-d12	240	11.603	11.603	(1.000)	711901	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	617235	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10118.d
Report Date: 03-Apr-2011 11:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10118.d
Lab Smp Id: 460-24277-F-30-A Client Smp ID: PMP-18-WT-E (8-8.5)
Inj Date : 30-MAR-2011 08:46
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24277-F-30-A
Misc Info : 460-24277-F-30-A
Comment   :
Method   : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 48
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.98000	Weight of sample extracted (g)
M	8.37521	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.662	14289760	40.000
* 82 Acenaphthene-d10	7.478	5572526	40.000
* 83 Phenanthrene-d10	8.941	3452443	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethyldimethylbenzene isomer					CAS #:		
5.169	5638689	15.7838595	1100	0		0	80

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10118.d
Report Date: 03-Apr-2011 11:40

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Decahydromethylnaphthalene isomer					CAS #:		
5.292	6357358	17.7955632	1300	0		0	80
Unknown Alkane-1					CAS #:		
5.392	9979078	27.9335065	2000	0		0	80
Unknown Alkane-2					CAS #:		
5.510	5134532	14.3726196	1000	0		0	80
Coeluting Aromatics					CAS #:		
5.733	5515007	15.4376474	1100	0		0	80
Unknown Alkane-3					CAS #:		
5.803	14140427	39.5819841	2900	0		0	80
Unknown-1					CAS #:		
5.898	7640184	21.3864570	1600	0		0	80
Unknown Alkane-4					CAS #:		
6.185	16719198	46.8004995	3400	0		0	80
Unknown-2					CAS #:		
6.274	4733304	13.2494980	960	0		0	80
Unknown-3					CAS #:		
6.661	14819946	106.378644	7800	0		0	82
Unknown-4					CAS #:		
6.885	6164171	44.2468644	3200	0		0	82(L)
Unknown Alkane-5					CAS #:		
6.949	6608158	47.4338341	3400	0		0	82
Dimethylnaphthalene isomer					CAS #:		
7.073	6164715	44.2507687	3200	0		0	82
Unknown Alkane-6					CAS #:		
7.272	20610631	147.944595	11000	0		0	82
Unknown-5					CAS #:		
7.390	6515590	46.7693768	3400	0		0	82
Trimethylnaphthalene isomer-1					CAS #:		
7.601	5905470	42.3898920	3100	0		0	82

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10118.d
Report Date: 03-Apr-2011 11:40

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trimethylnaphthalene isomer-2					CAS #:		
7.695	9008152	64.6611629	4700	0		0	82
Trimethylnaphthalene isomer-3					CAS #:		
7.731	8280853	59.4405628	4300	0		0	82
Unknown Alkane-7					CAS #:		
7.789	6609626	47.4443752	3400	0		0	82
Trimethylnaphthalene isomer-4					CAS #:		
7.895	8362661	60.0277847	4400	0		0	82
Unknown-6					CAS #:		
8.066	5152189	36.9827873	2700	0		0	82
Unknown Alkane-8					CAS #:		
8.189	16882826	121.186148	8800	0		0	82
Unknown Cycloalkane					CAS #:		
8.283	4952741	57.3824338	4200	0		0	83
Unknown Alkane-9					CAS #:		
8.459	20031745	232.087708	17000	0		0	83
Unknown Alkane-10					CAS #:		
8.906	13311427	154.226129	11000	0		0	83
Trichloro-1,1-biphenyl isomer					CAS #:		
9.364	4769533	55.2597909	4000	0		0	83

QC Flag Legend

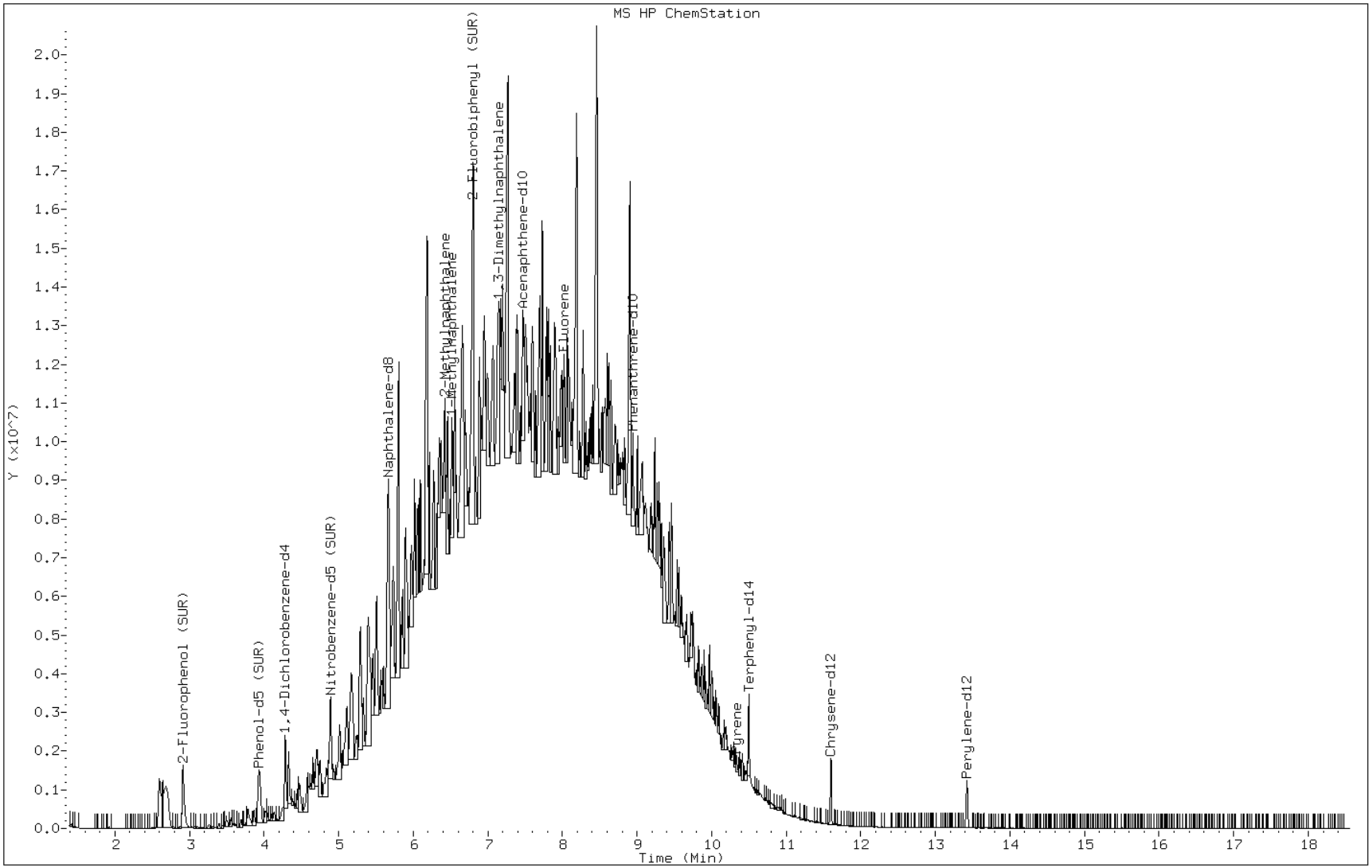
L - Operator selected an alternate library search match.

Data File: p10118.d

Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4



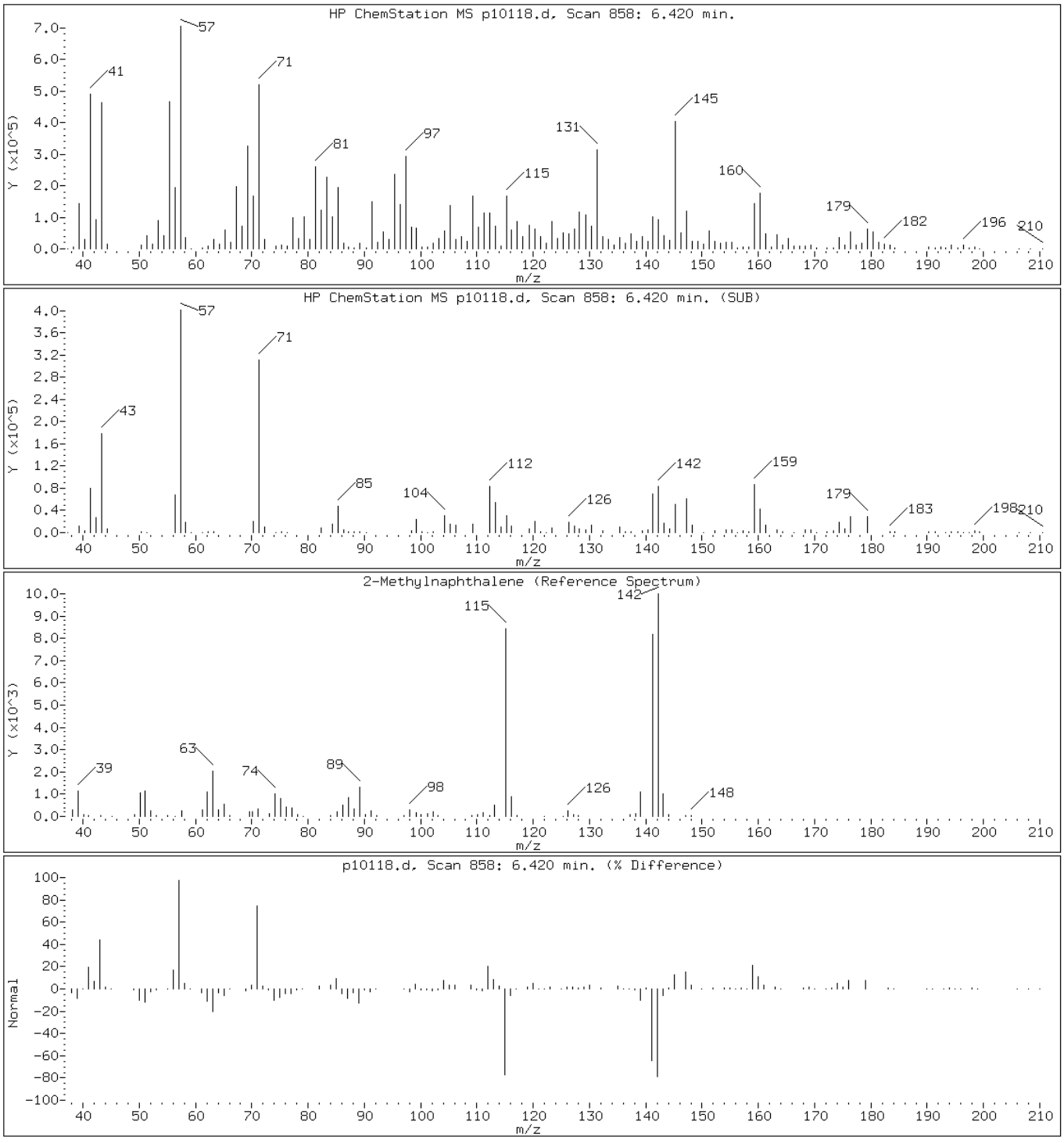
Data File: p10118.d

Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

34 2-Methylnaphthalene



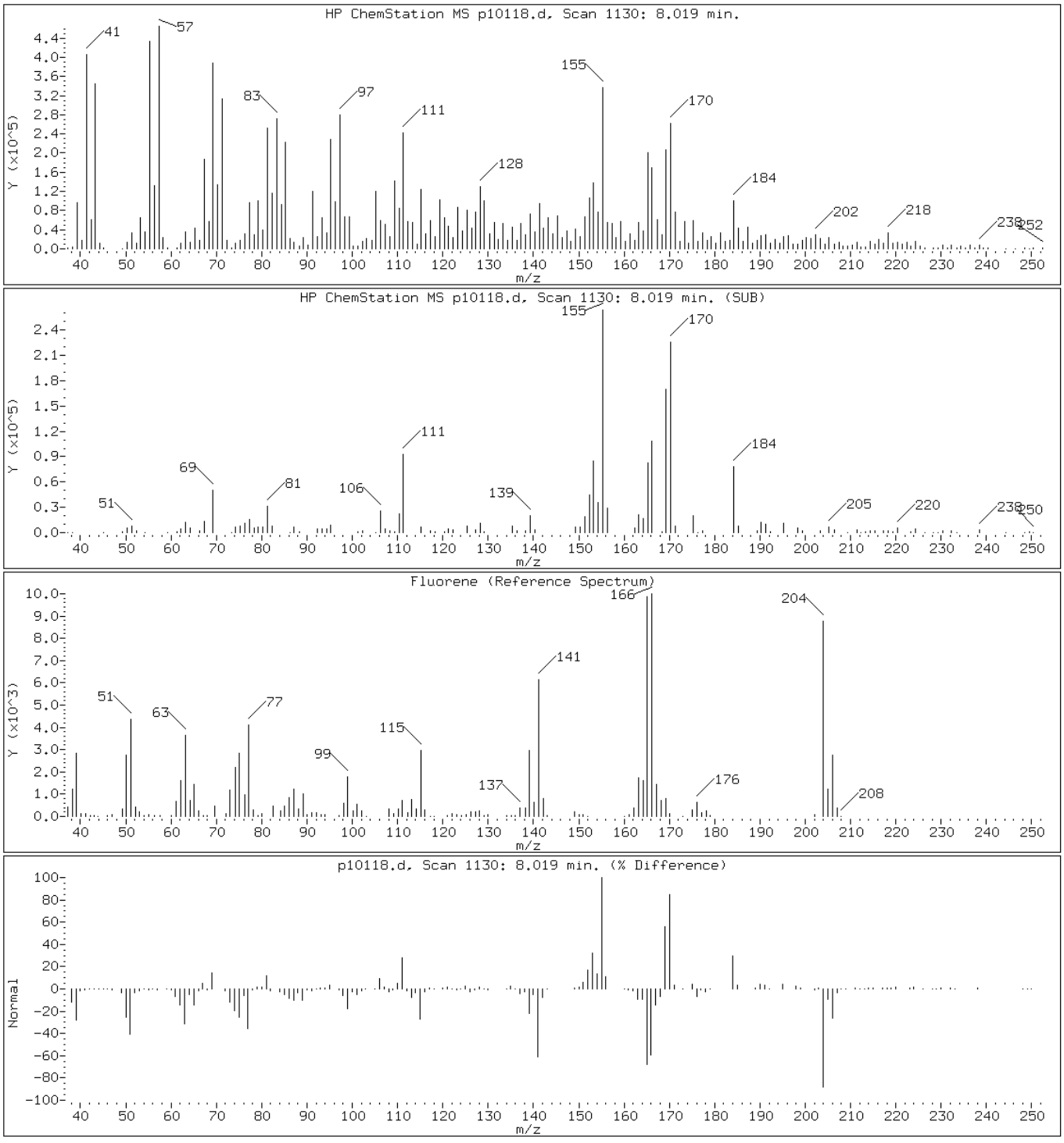
Data File: p10118.d

Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

47 Fluorene



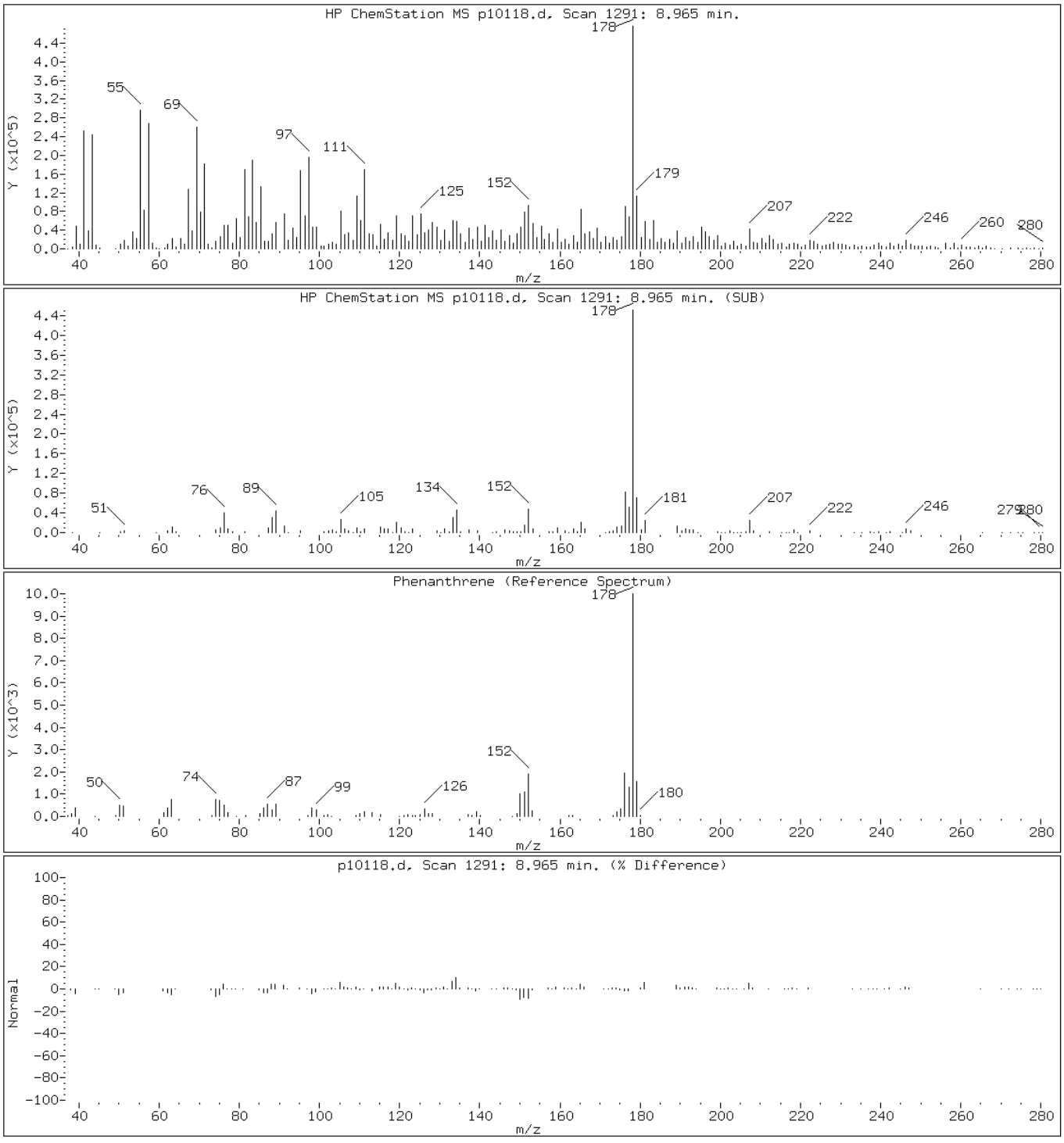
Data File: p10118.d

Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

52 Phenanthrene



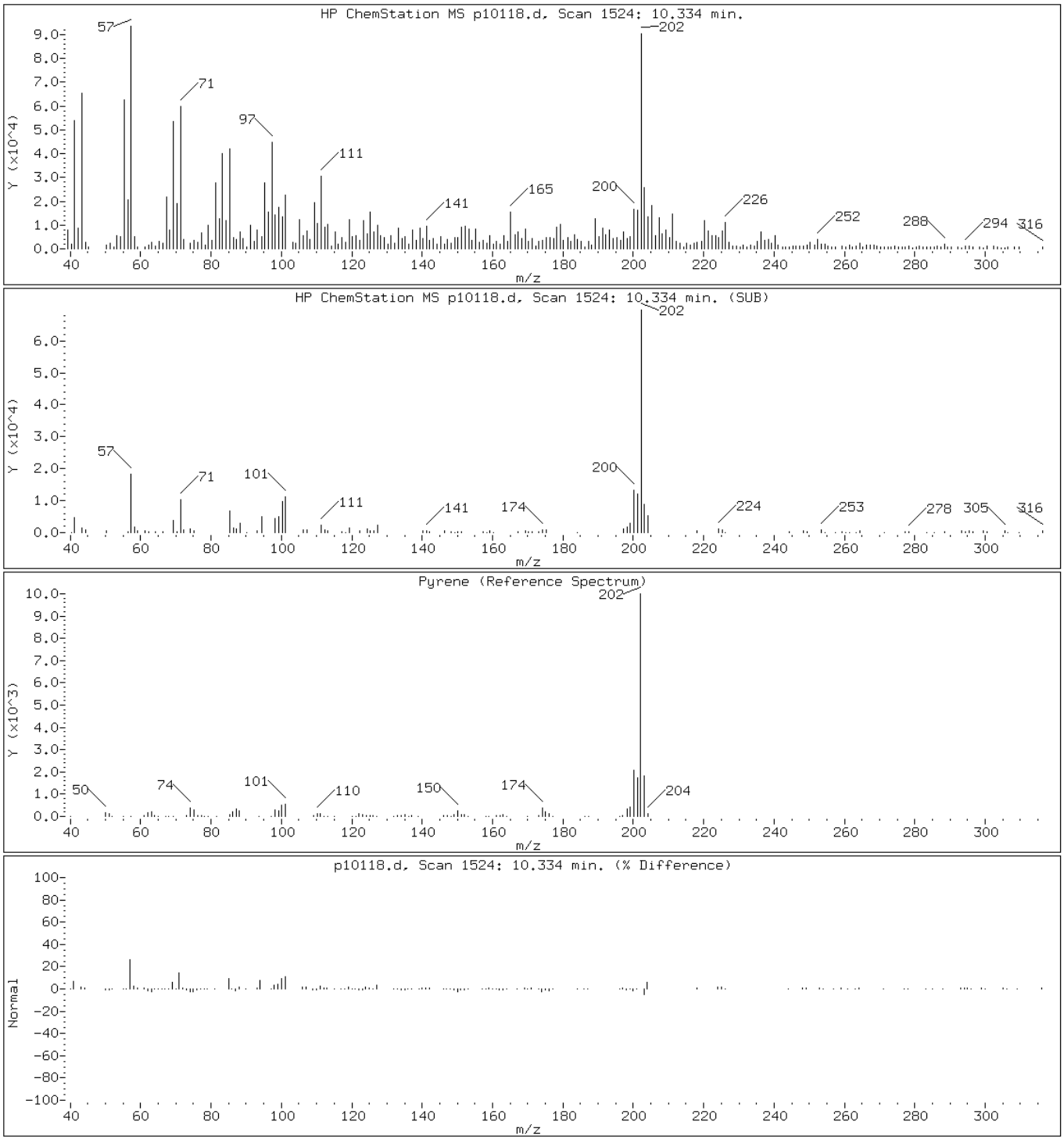
Data File: p10118.d

Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

57 Pyrene



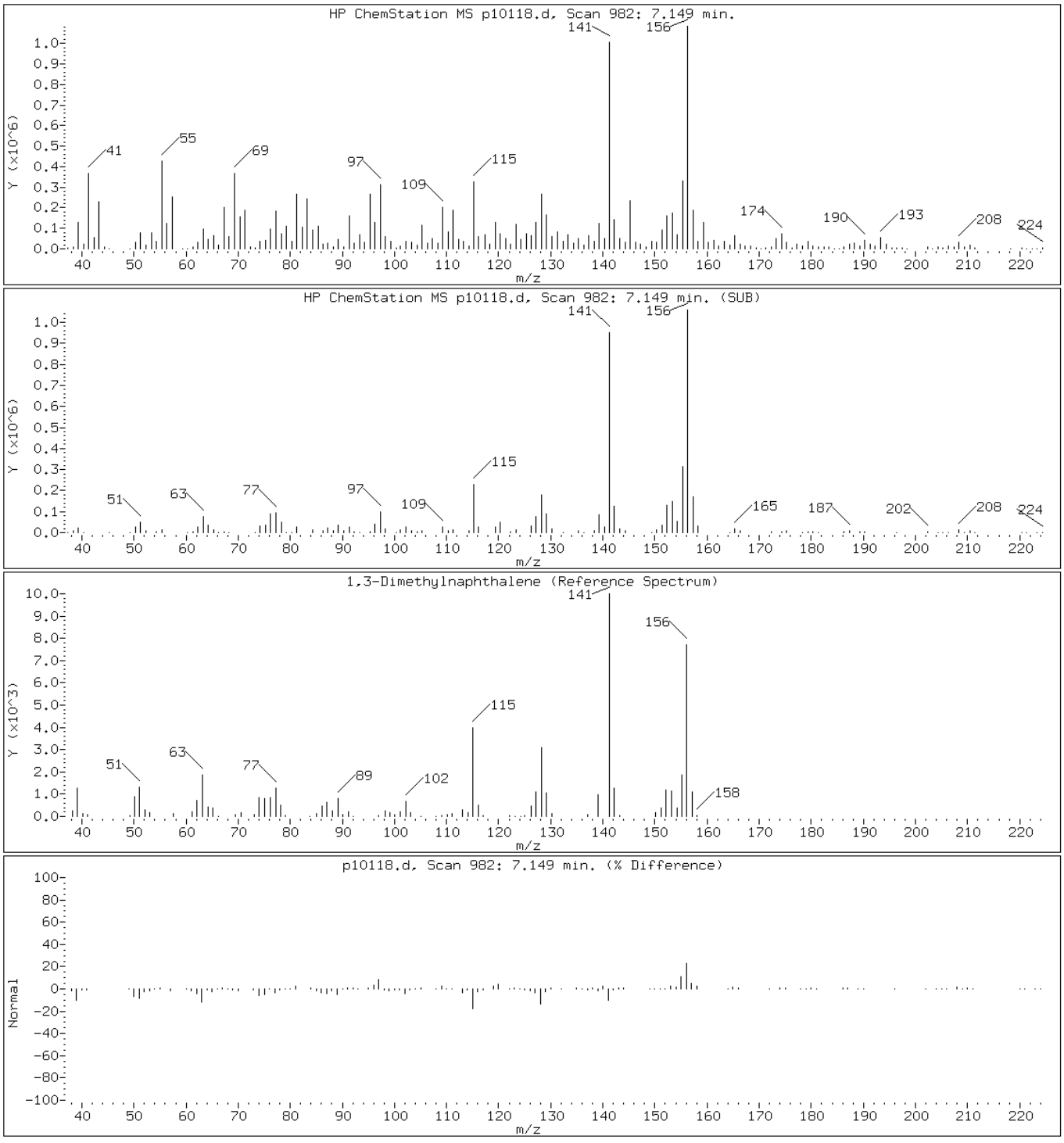
Data File: p10118.d

Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: p10118.d

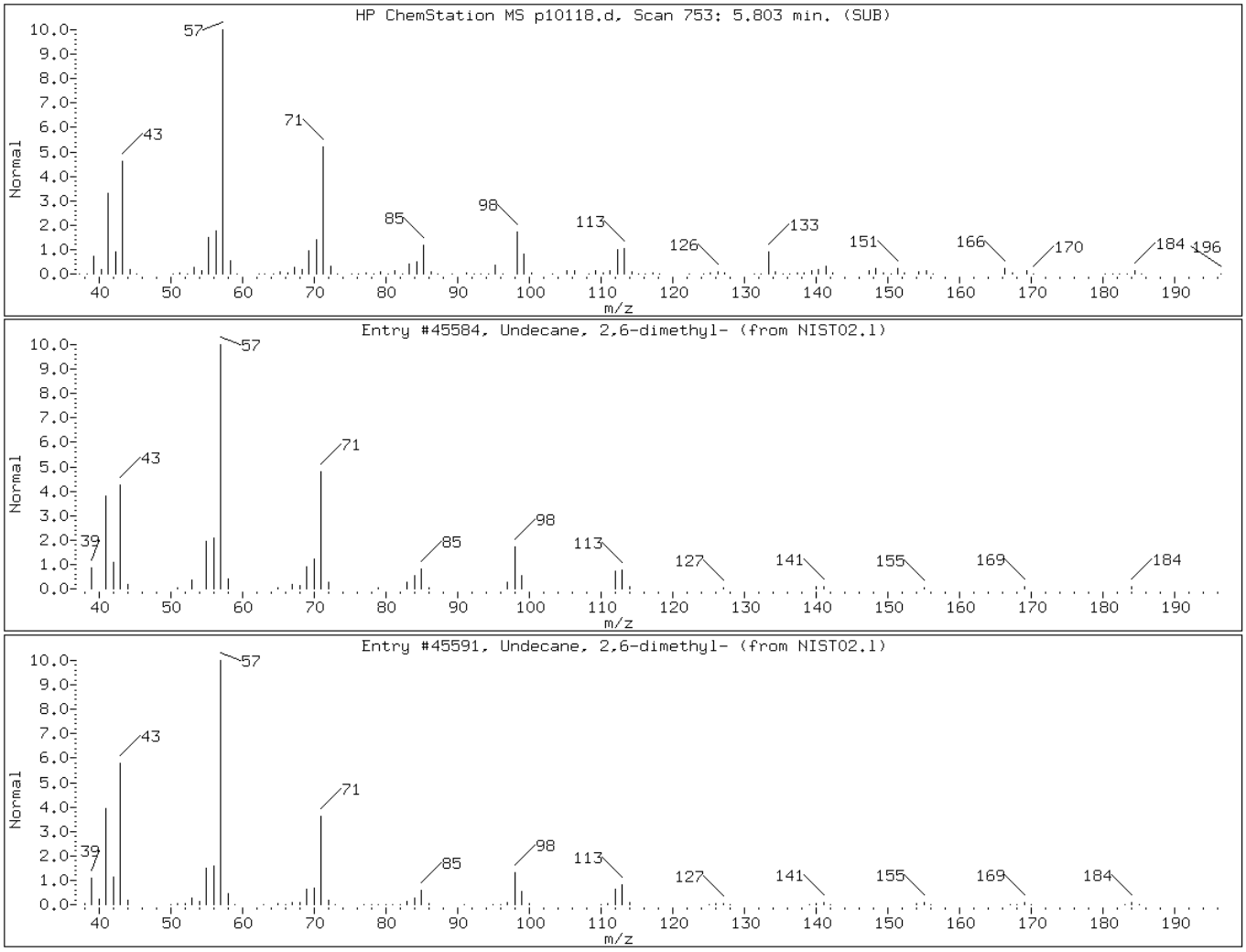
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 5.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	95	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45591	91	C13H28	184



Data File: p10118.d

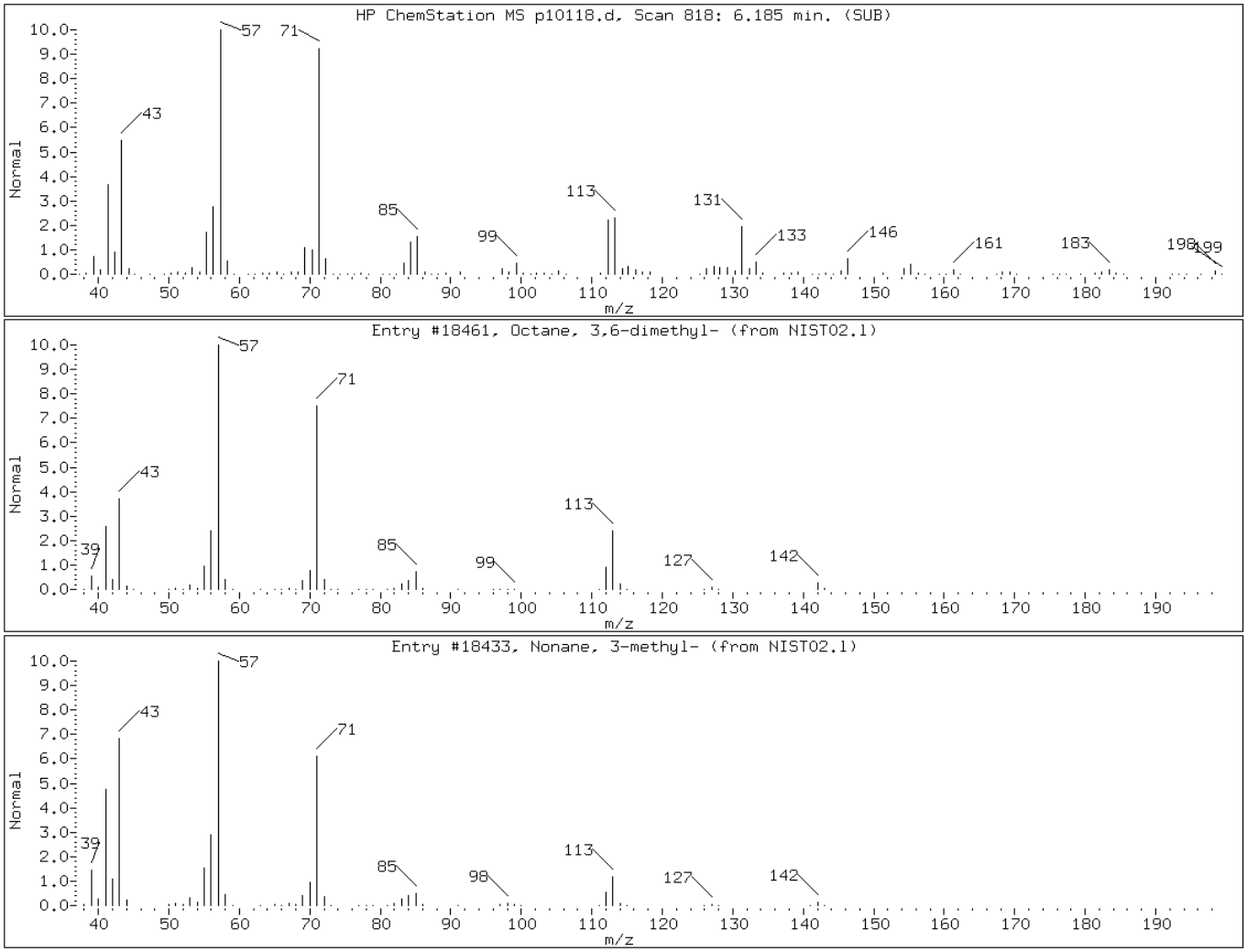
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 6.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Octane, 3,6-dimethyl-	15869-94-0	NIST02.l	18461	59	C10H22	142
Nonane, 3-methyl-	5911-04-6	NIST02.l	18433	59	C10H22	142



Data File: p10118.d

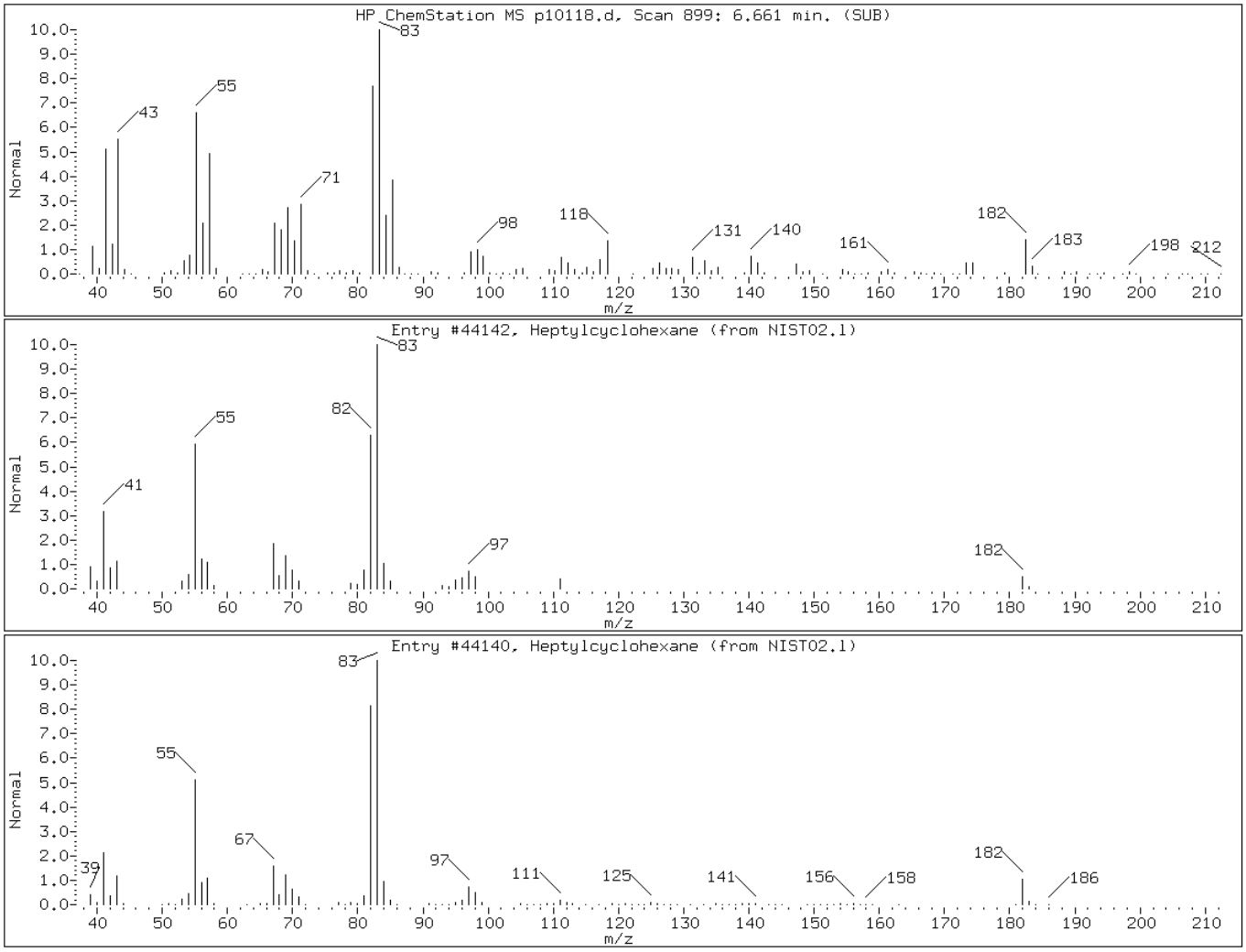
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 6.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Heptylcyclohexane	5617-41-4	NIST02.l	44142	64	C13H26	182
Heptylcyclohexane	5617-41-4	NIST02.l	44140	64	C13H26	182



Data File: p10118.d

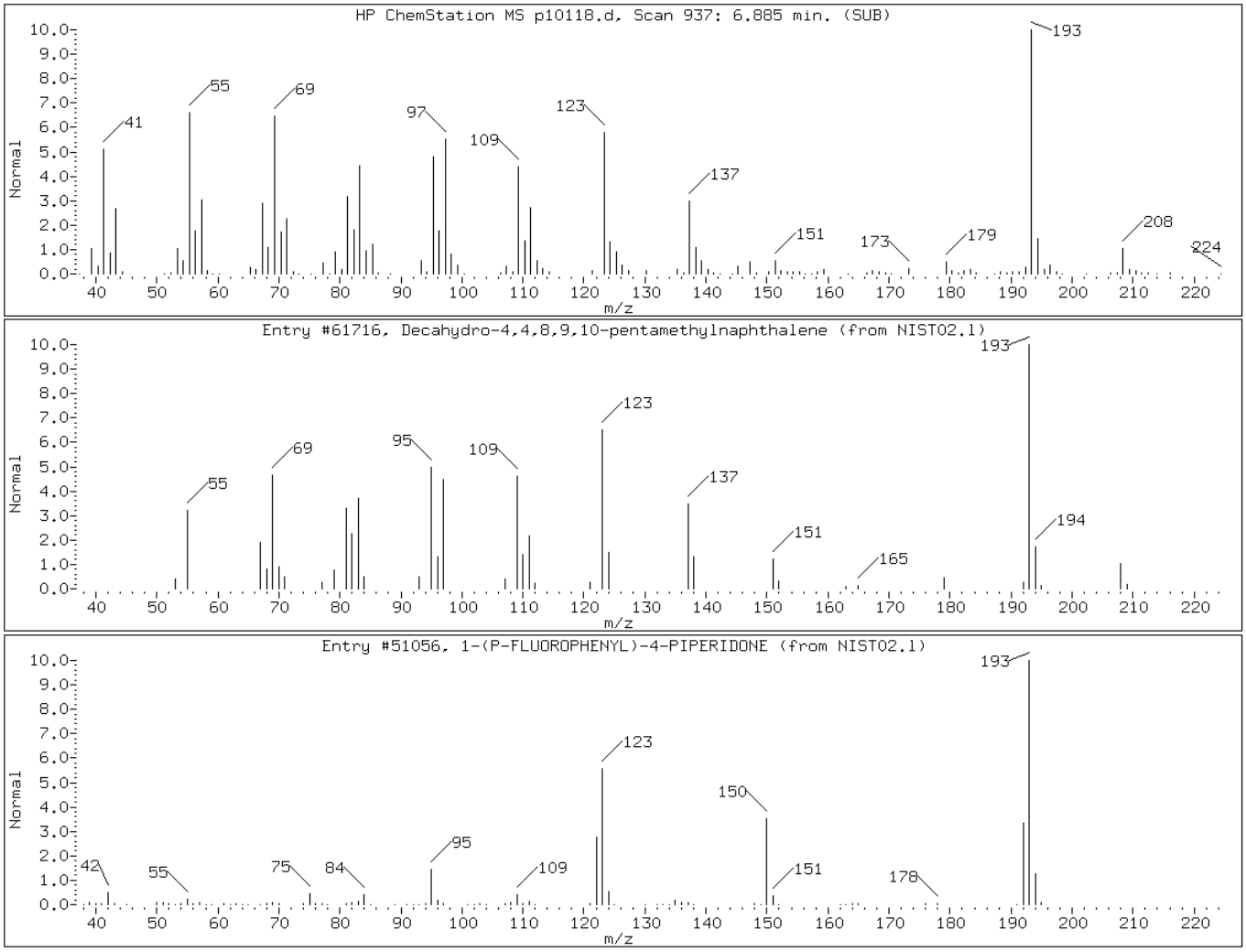
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 6.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	94	C15H28	208
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	38	C11H12FNO	193



Data File: p10118.d

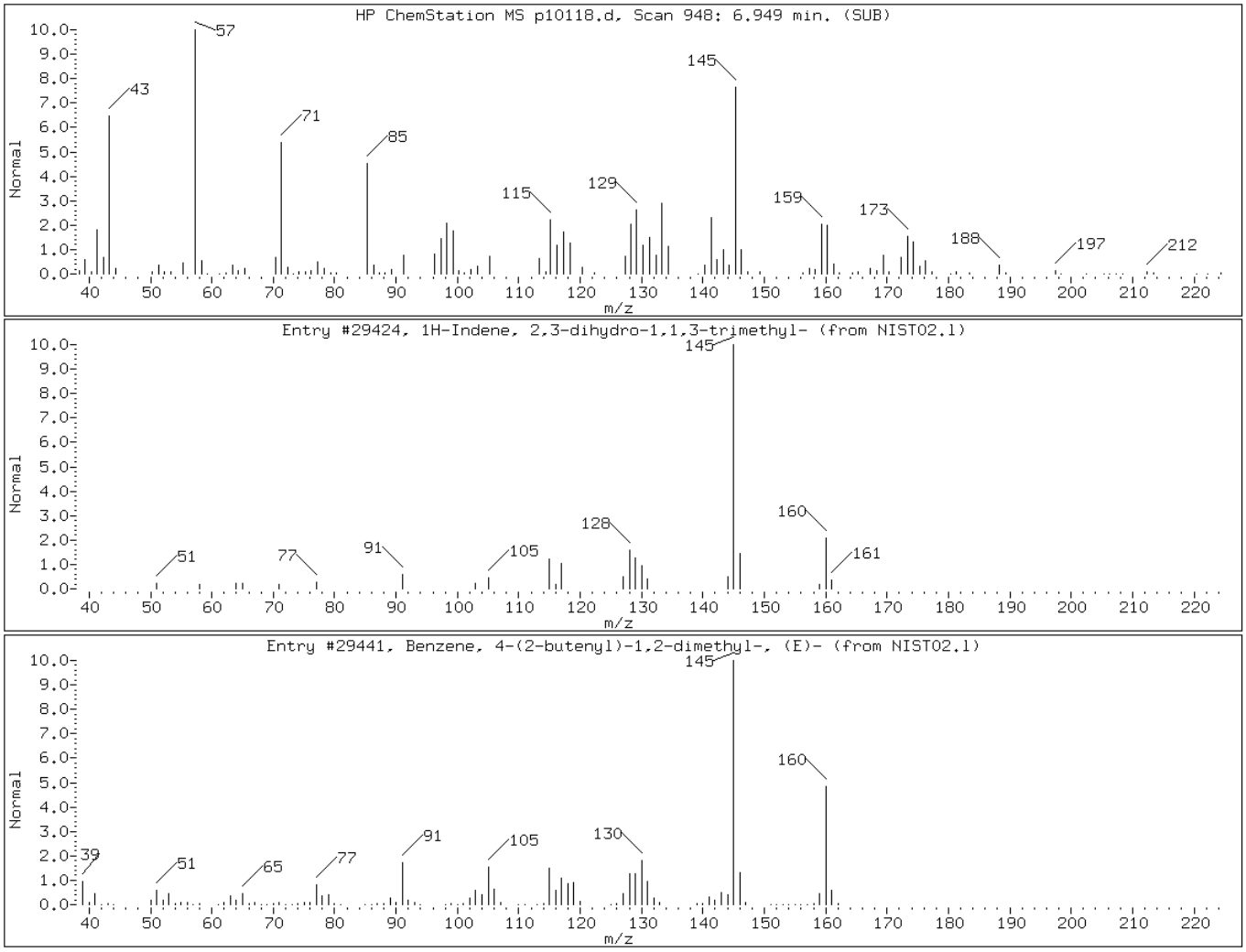
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 6.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
1H-Indene, 2,3-dihydro-1,1,3-trime	2613-76-5	NIST02.l	29424	46	C12H16	160
Benzene, 4-(2-butenyl)-1,2-dimethy	54340-86-2	NIST02.l	29441	46	C12H16	160



Data File: p10118.d

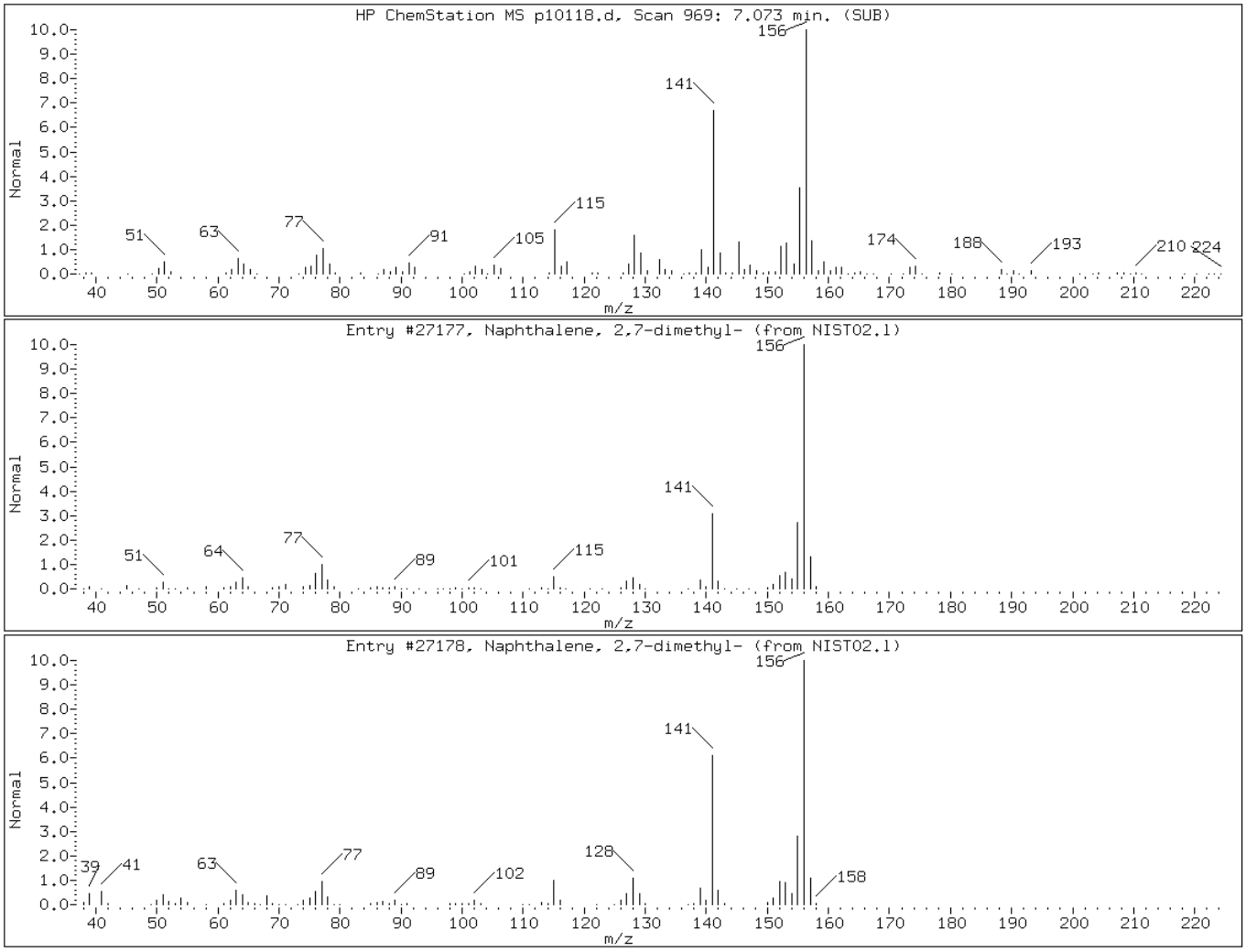
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 7.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27177	95	C12H12	156
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27178	95	C12H12	156



Data File: p10118.d

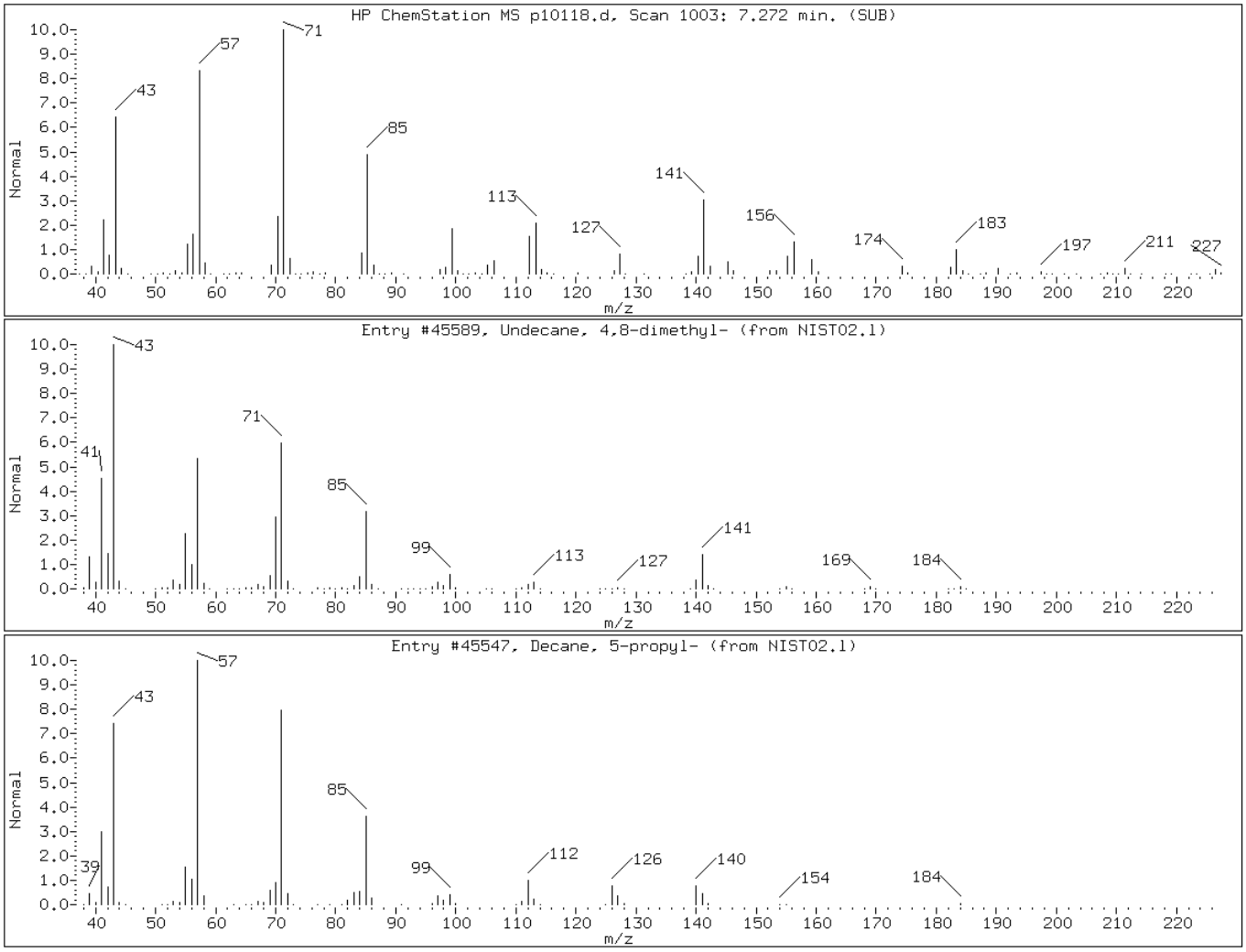
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 7.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Undecane, 4,8-dimethyl-	17301-33-6	NIST02.l	45589	62	C13H28	184
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	58	C13H28	184



Data File: p10118.d

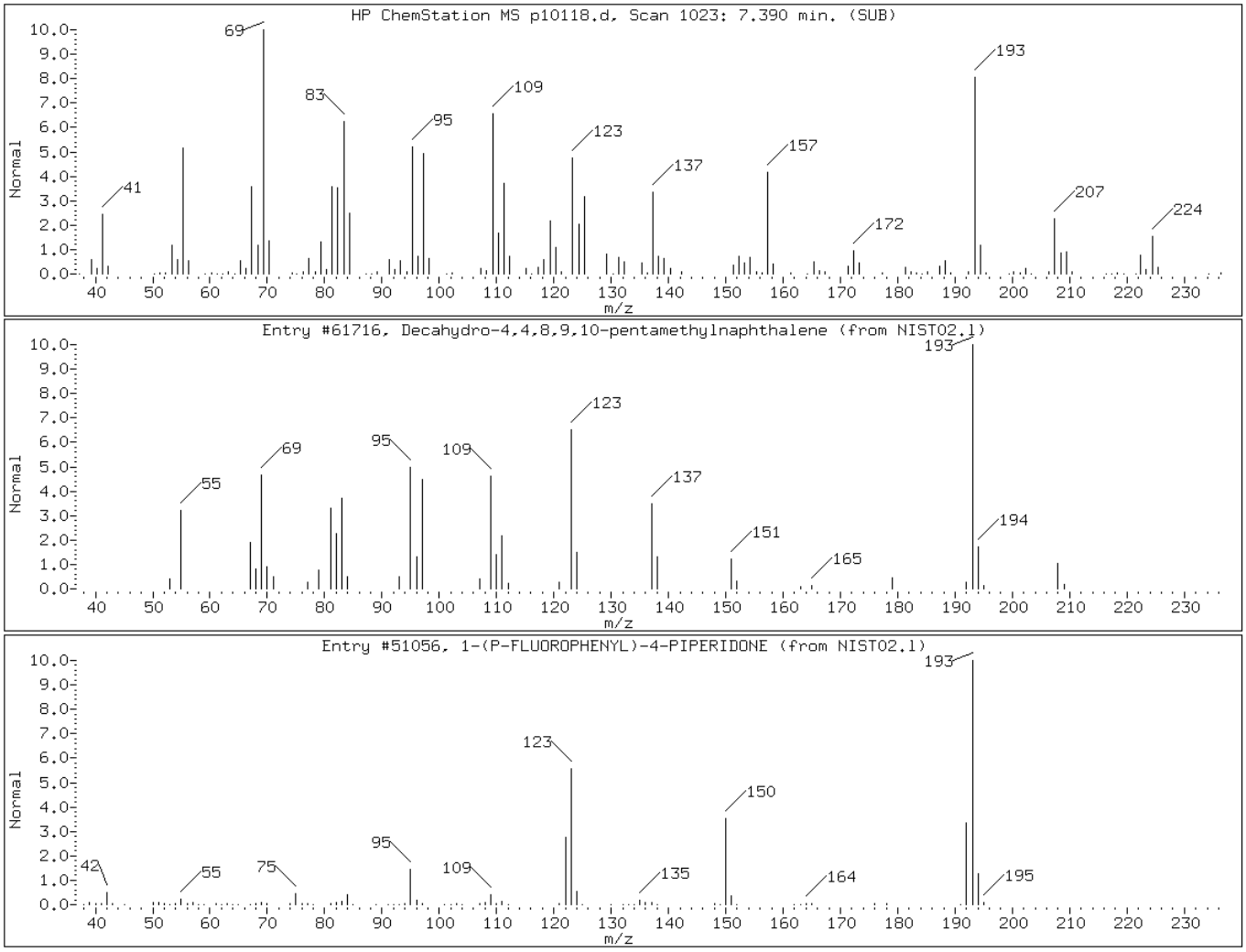
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 7.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Decahydro-4,4,8,9,10-pentamethylna	80655-44-3	NIST02.l	61716	46	C15H28	208
1-(P-FLUOROPHENYL)-4-PIPERIDONE	1000238-56-7	NIST02.l	51056	25	C11H12FNO	193



Data File: p10118.d

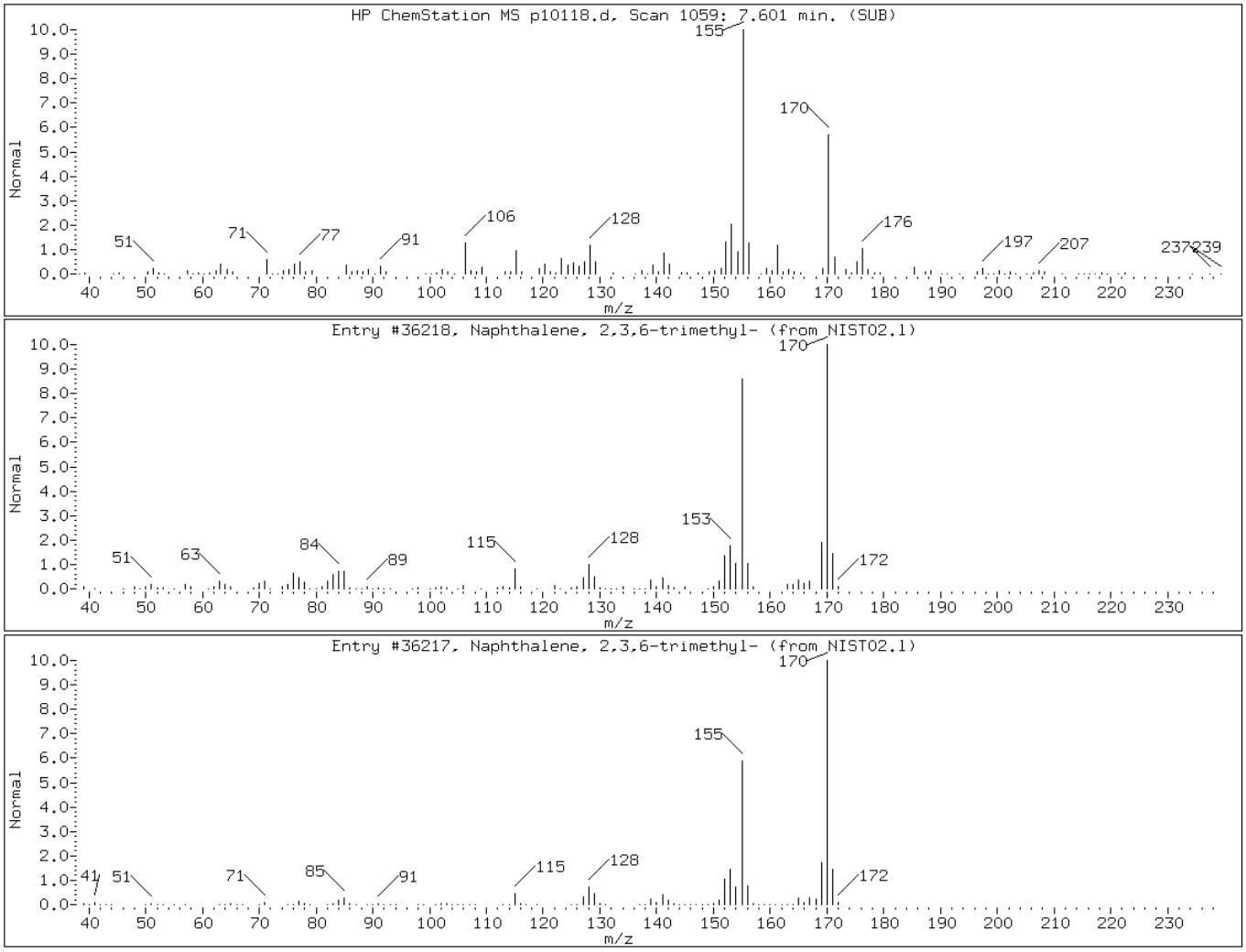
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 7.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	91	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36217	87	C13H14	170



Data File: p10118.d

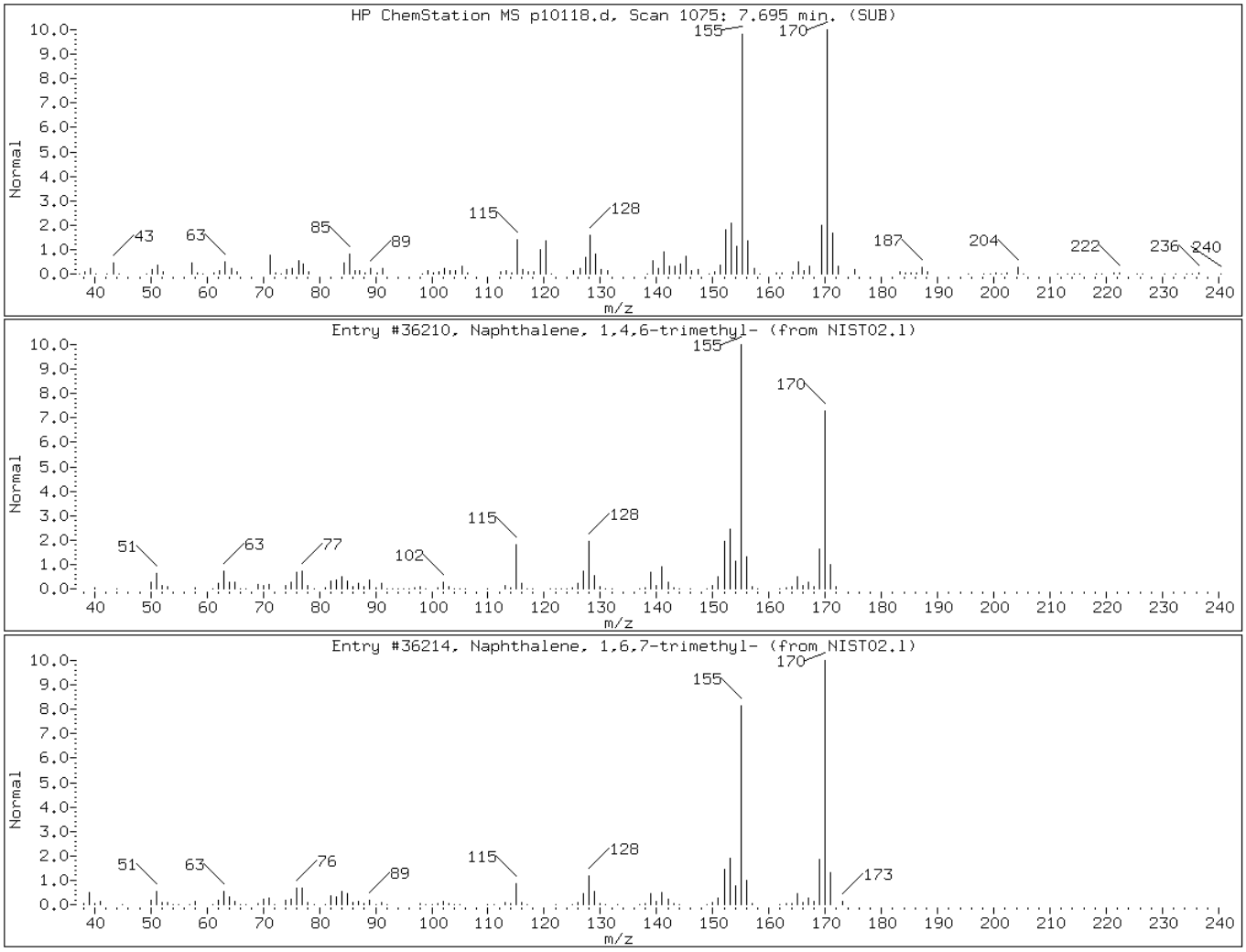
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 7.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	97	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	97	C13H14	170



Data File: p10118.d

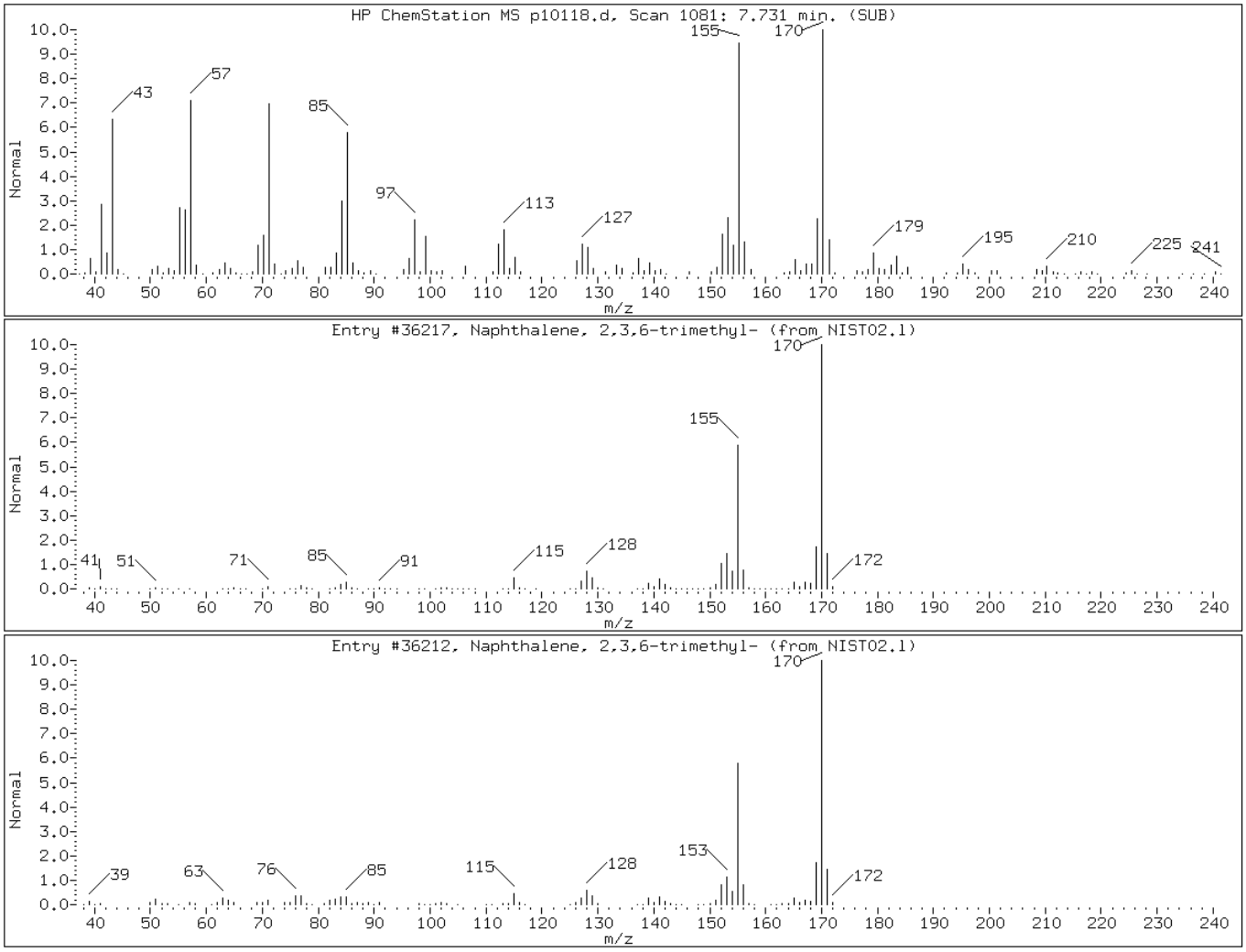
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 7.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-3						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36217	93	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36212	83	C13H14	170



Data File: p10118.d

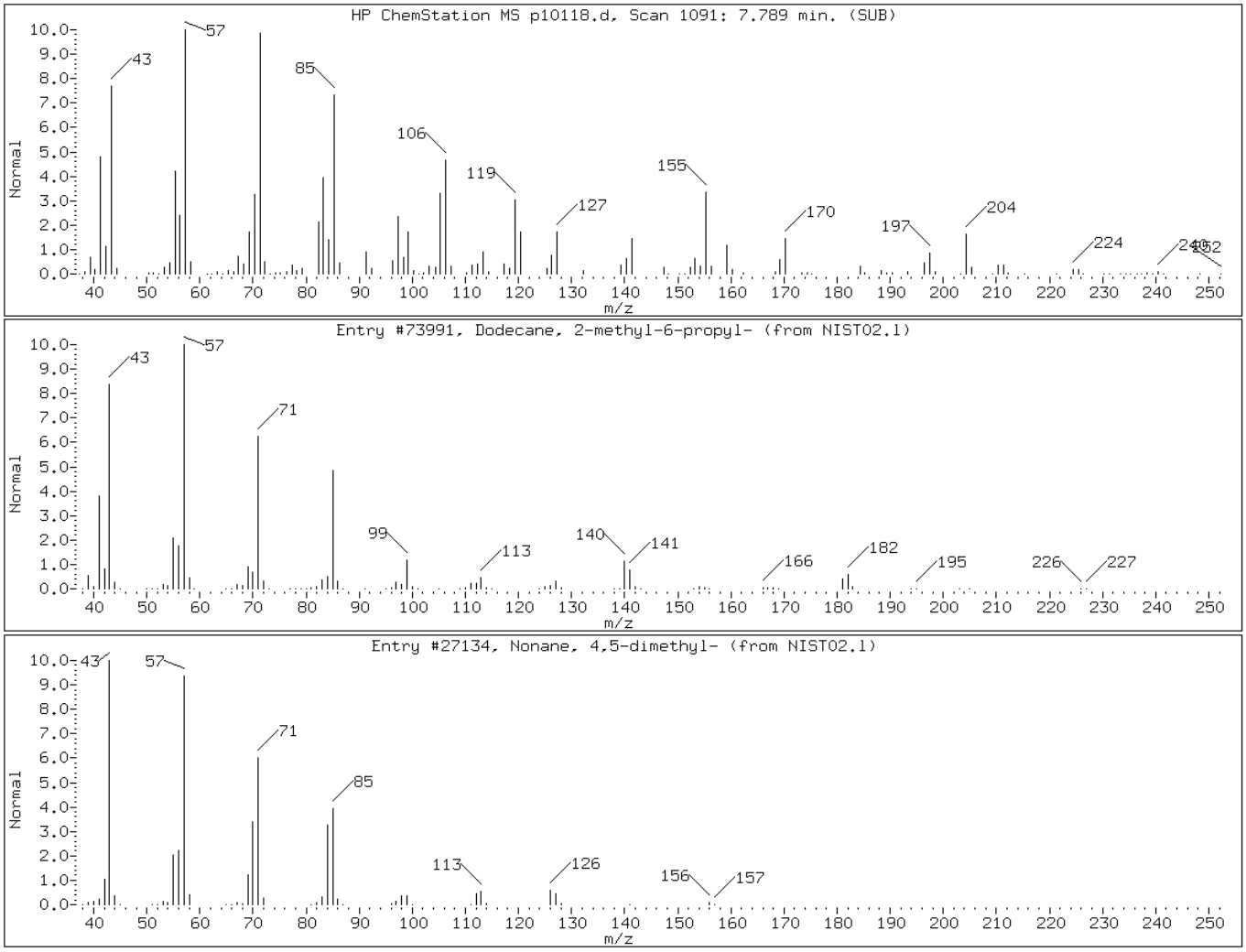
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 7.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.l	73991	50	C16H34	226
Nonane, 4,5-dimethyl-	17302-23-7	NIST02.l	27134	45	C11H24	156



Data File: p10118.d

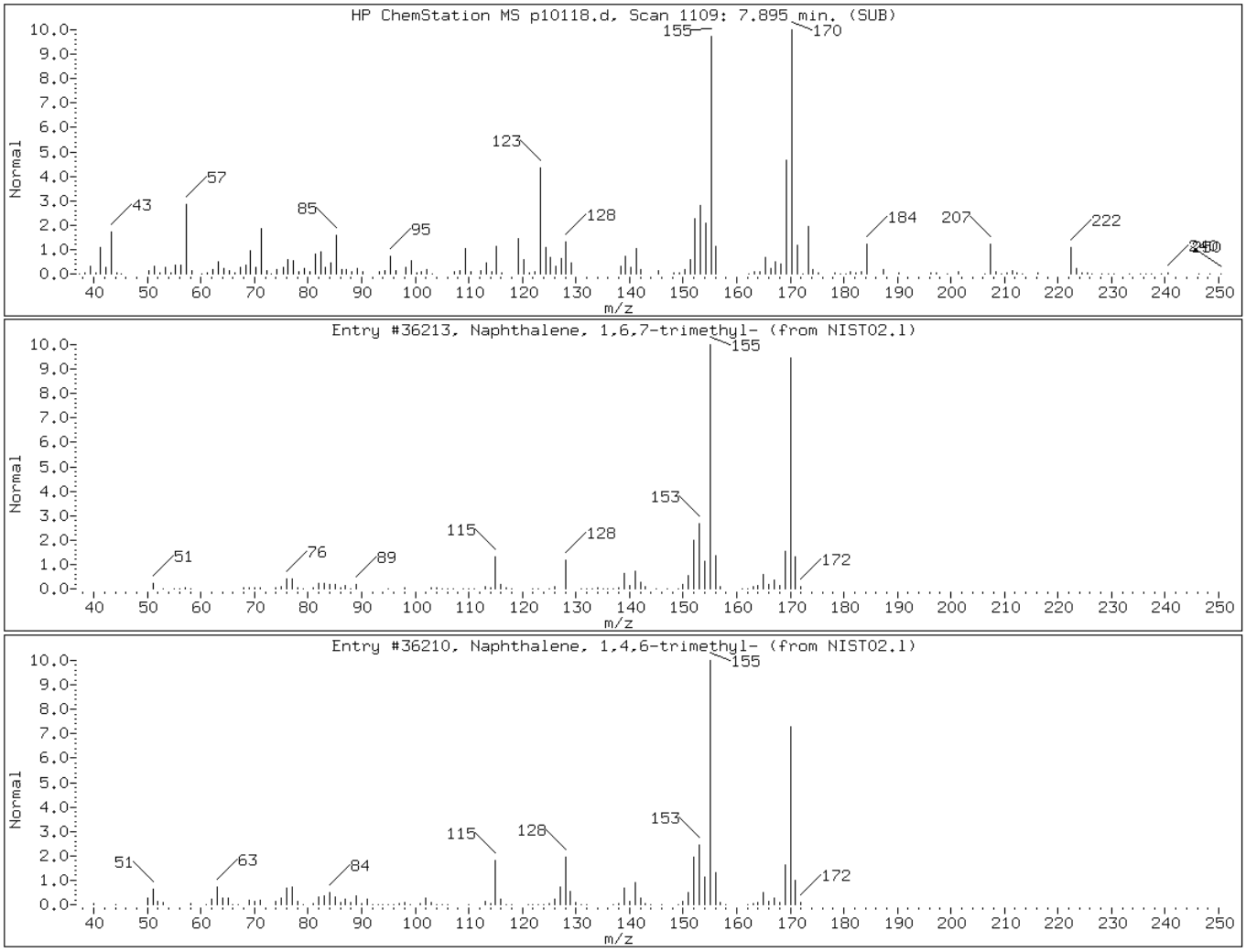
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 7.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-4						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	95	C13H14	170
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	91	C13H14	170



Data File: p10118.d

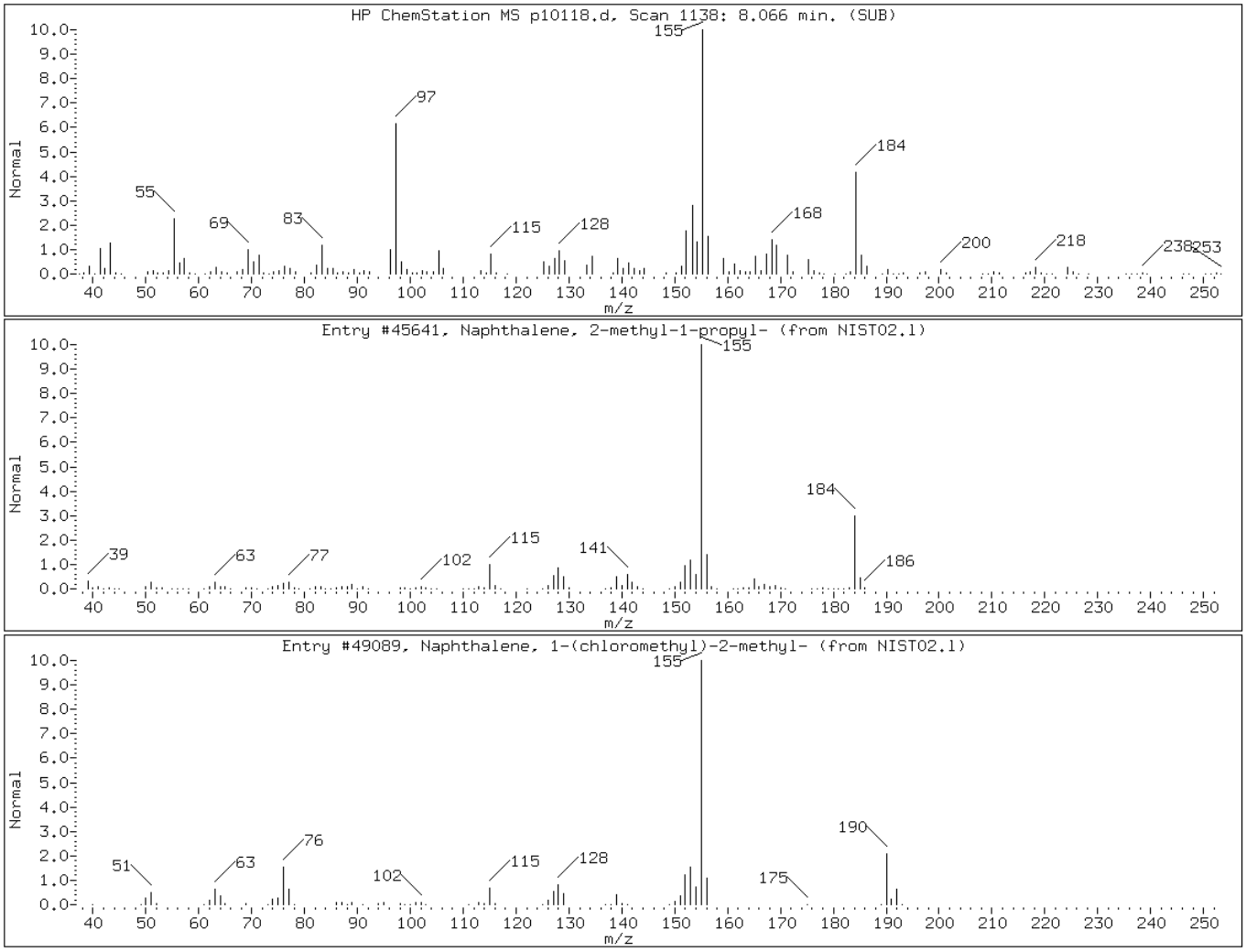
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 8.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Naphthalene, 2-methyl-1-propyl-	54774-89-9	NIST02.l	45641	70	C14H16	184
Naphthalene, 1-(chloromethyl)-2-me	6626-23-9	NIST02.l	49089	49	C12H11Cl	190



Data File: p10118.d

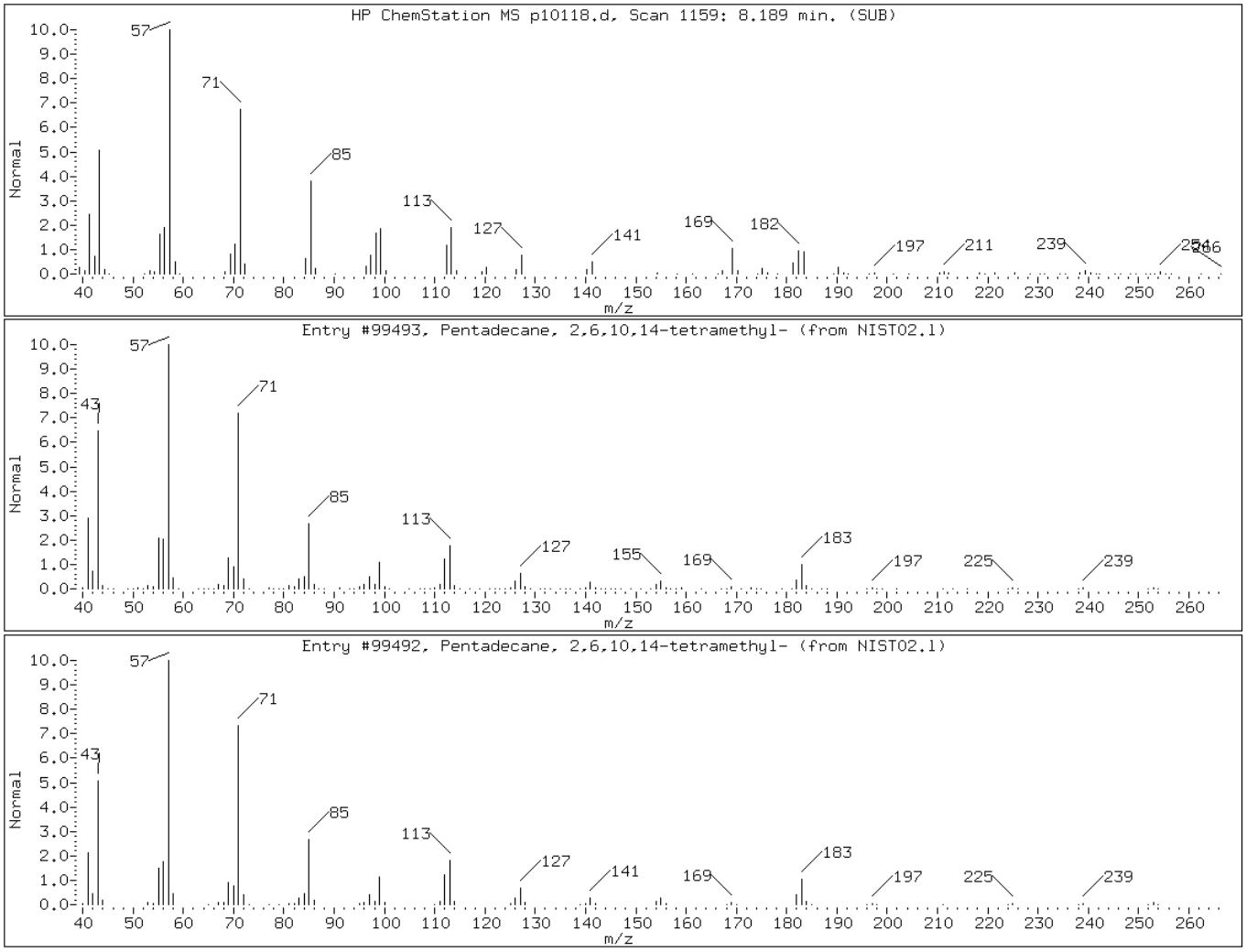
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 8.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	72	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	72	C19H40	268



Data File: p10118.d

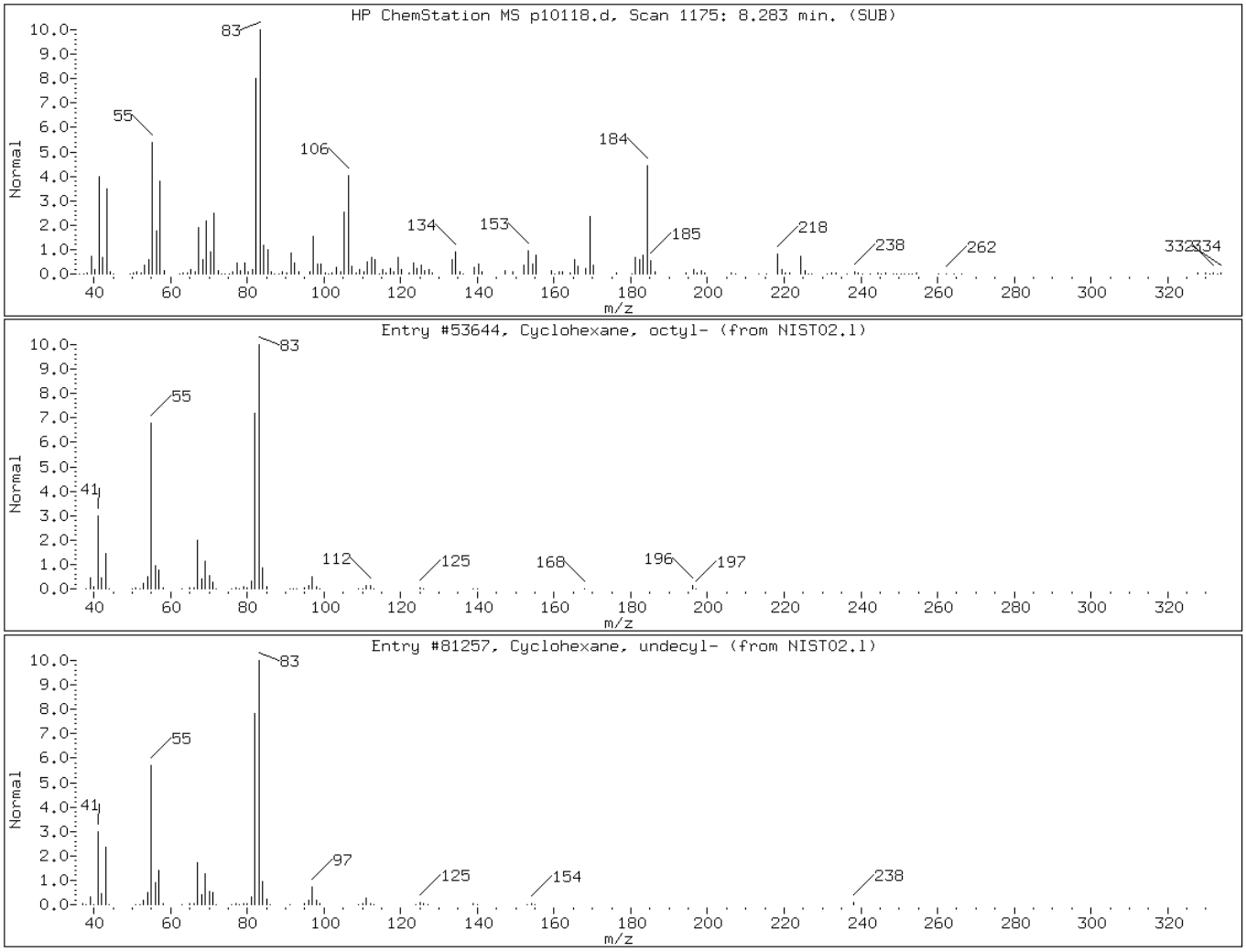
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 8.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, octyl-	1795-15-9	NIST02.l	53644	50	C14H28	196
Cyclohexane, undecyl-	54105-66-7	NIST02.l	81257	50	C17H34	238



Data File: p10118.d

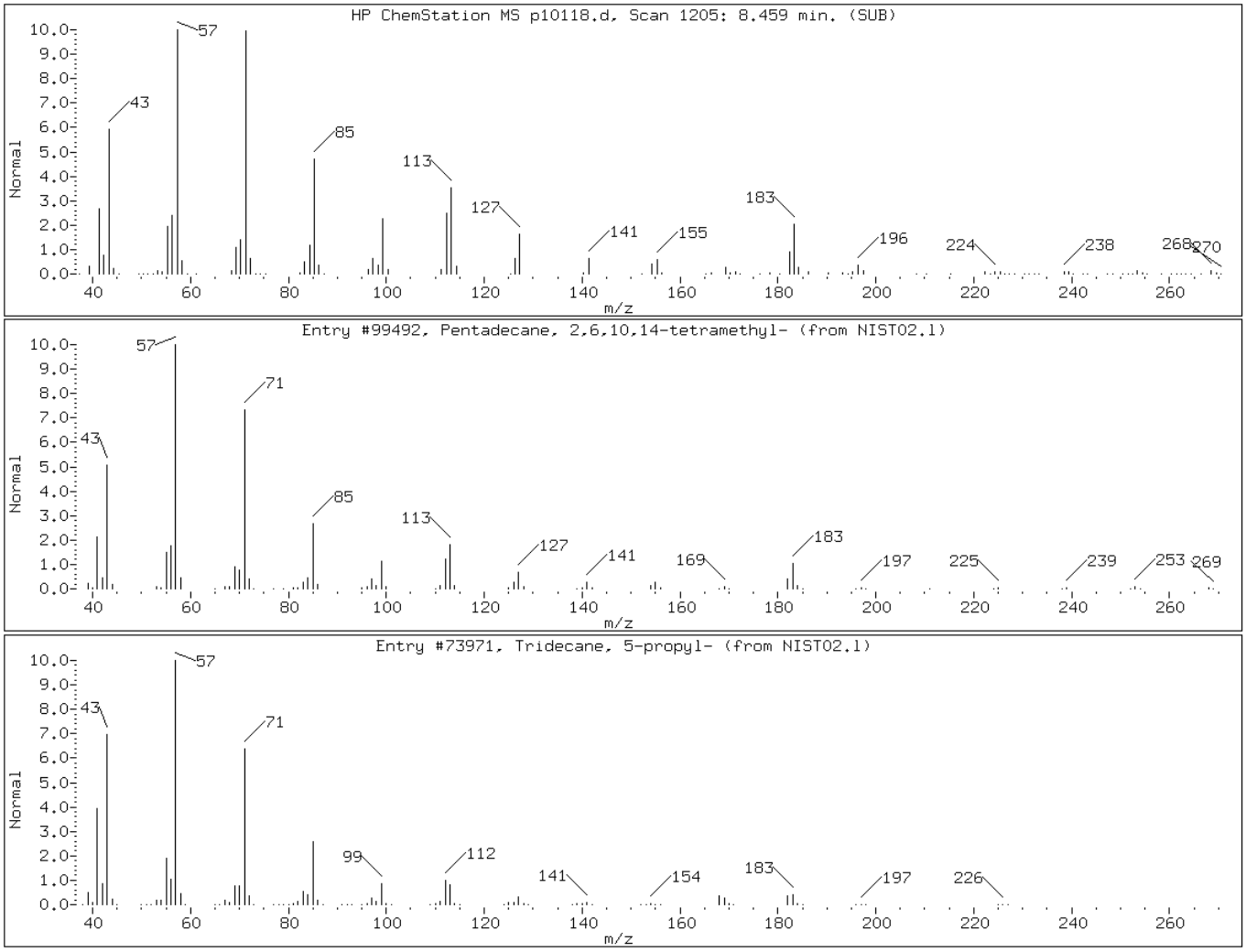
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 8.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	93	C19H40	268
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	90	C16H34	226



Data File: p10118.d

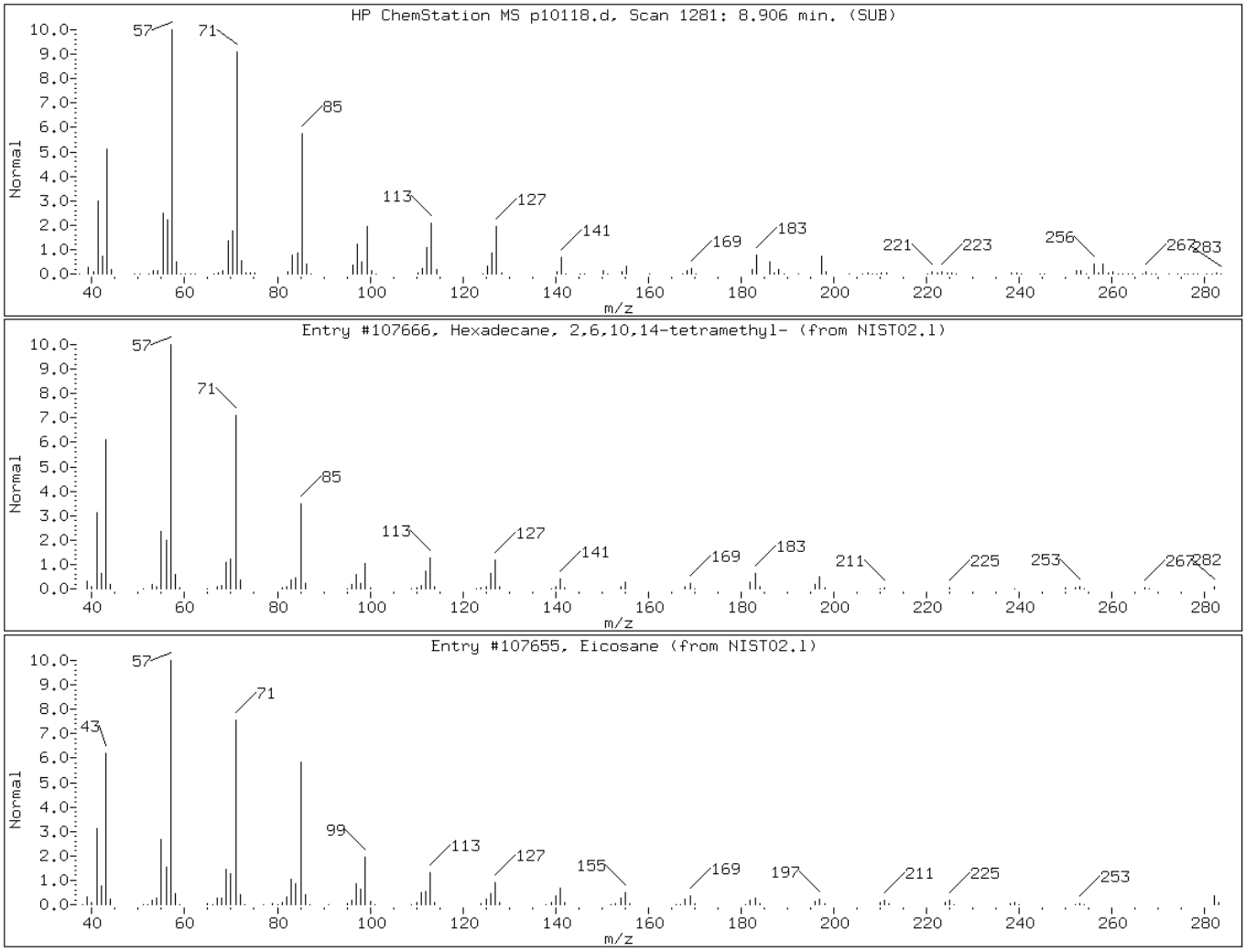
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 8.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	95	C20H42	282
Eicosane	112-95-8	NIST02.l	107655	91	C20H42	282



Data File: p10118.d

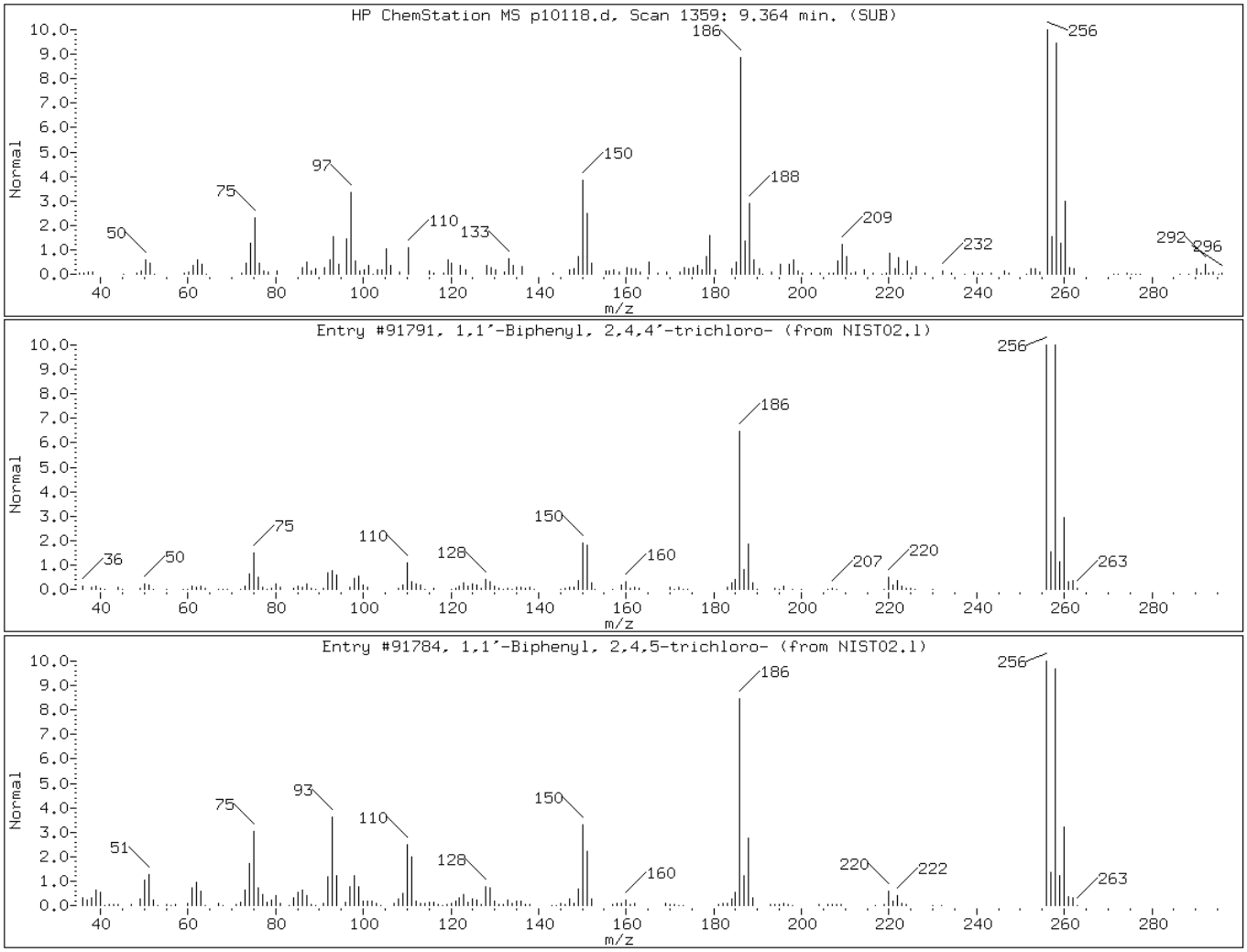
Date: 30-MAR-2011 08:46

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24277-F-30-A Operator: BNAMS 4

Retention Time: 9.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	97	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	96	C12H7Cl3	256



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) | Lab Sample ID: 460-24277-31

Matrix: Solid | Lab File ID: z15644.d

Analysis Method: 8270C | Date Collected: 03/18/2011 13:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 04/01/2011 17:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	390	U	390	47
95-57-8	2-Chlorophenol	390	U	390	52
95-48-7	2-Methylphenol	390	U	390	56
106-44-5	4-Methylphenol	390	U	390	63
100-52-7	Benzaldehyde	390	U	390	24
98-86-2	Acetophenone	390	U	390	58
111-44-4	Bis(2-chloroethyl)ether	39	U	39	8.1
108-60-1	2,2'-oxybis[1-chloropropane]	390	U	390	51
621-64-7	N-Nitrosodi-n-propylamine	39	U	39	5.1
98-95-3	Nitrobenzene	39	U	39	8.7
67-72-1	Hexachloroethane	39	U	39	6.5
78-59-1	Isophorone	390	U	390	45
88-75-5	2-Nitrophenol	390	U	390	64
105-67-9	2,4-Dimethylphenol	390	U	390	62
120-83-2	2,4-Dichlorophenol	390	U	390	62
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	55
91-20-3	Naphthalene	540		390	57
106-47-8	4-Chloroaniline	390	U	390	49
87-68-3	Hexachlorobutadiene	78	U	78	16
105-60-2	Caprolactam	390	U	390	53
59-50-7	4-Chloro-3-methylphenol	390	U	390	65
91-57-6	2-Methylnaphthalene	2600	*	390	57
118-74-1	Hexachlorobenzene	39	U	39	5.4
77-47-4	Hexachlorocyclopentadiene	390	U	390	110
88-06-2	2,4,6-Trichlorophenol	390	U	390	69
95-95-4	2,4,5-Trichlorophenol	390	U	390	75
92-52-4	Diphenyl	390	U	390	64
91-58-7	2-Chloronaphthalene	390	U	390	55
88-74-4	2-Nitroaniline	780	U	780	110
606-20-2	2,6-Dinitrotoluene	78	U	78	9.9
131-11-3	Dimethyl phthalate	390	U	390	52
208-96-8	Acenaphthylene	390	U	390	55
99-09-2	3-Nitroaniline	780	U	780	88
83-32-9	Acenaphthene	250	J	390	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) | Lab Sample ID: 460-24277-31

Matrix: Solid | Lab File ID: z15644.d

Analysis Method: 8270C | Date Collected: 03/18/2011 13:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 04/01/2011 17:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	100
51-28-5	2,4-Dinitrophenol	1200	U	1200	82
132-64-9	Dibenzofuran	390	U	390	58
84-66-2	Diethyl phthalate	390	U	390	52
86-73-7	Fluorene	480		390	66
206-44-0	Fluoranthene	390	U	390	64
84-74-2	Di-n-butyl phthalate	390	U	390	59
121-14-2	2,4-Dinitrotoluene	78	U	78	11
7005-72-3	4-Chlorophenyl phenyl ether	390	U	390	67
100-01-6	4-Nitroaniline	780	U *	780	80
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	190
101-55-3	4-Bromophenyl phenyl ether	390	U	390	69
1912-24-9	Atrazine	390	U	390	72
120-12-7	Anthracene	390	U	390	68
86-74-8	Carbazole	390	U	390	62
85-01-8	Phenanthrene	900		390	68
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	90	J	390	67
218-01-9	Chrysene	390	U	390	56
207-08-9	Benzo[k]fluoranthene	39	U	39	5.4
191-24-2	Benzo[g,h,i]perylene	390	U	390	41
205-99-2	Benzo[b]fluoranthene	39	U	39	5.8
50-32-8	Benzo[a]pyrene	39	U	39	4.8
56-55-3	Benzo[a]anthracene	39	U	39	7.2
86-30-6	N-Nitrosodiphenylamine	390	U	390	63
85-68-7	Butyl benzyl phthalate	390	U	390	45
117-81-7	Bis(2-ethylhexyl) phthalate	390	U	390	51
117-84-0	Di-n-octyl phthalate	390	U	390	46
193-39-5	Indeno[1,2,3-cd]pyrene	39	U	39	6.2
53-70-3	Dibenz(a,h)anthracene	39	U	39	4.7
91-94-1	3,3'-Dichlorobenzidine	780	U	780	86
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	78

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) Lab Sample ID: 460-24277-31

Matrix: Solid Lab File ID: z15644.d

Analysis Method: 8270C Date Collected: 03/18/2011 13:00

Extract. Method: 3541 Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 17:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	90		41-118
1718-51-0	Terphenyl-d14	72		16-151
118-79-6	2,4,6-Tribromophenol	95		10-120
367-12-4	2-Fluorophenol	80		37-125
321-60-8	2-Fluorobiphenyl	75		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) | Lab Sample ID: 460-24277-31

Matrix: Solid | Lab File ID: z15644.d

Analysis Method: 8270C | Date Collected: 03/18/2011 13:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 04/01/2011 17:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69325 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 74100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Ethyldimethylbenzene isomer-1	2.71	2100	J
	Decahydromethylnaphthalene isomer-1	3.29	2200	J
	Unknown Alkane-1	3.93	4800	J
	Unknown Alkane-2	4.31	4000	J
	Unknown-3	4.42	2500	J
90-12-0	1-Methylnaphthalene	4.54	2000	
	Unknown-4	4.58	3500	J
	Unknown-5	4.73	2000	J
	Unknown Alkane-3	4.92	6000	J
	Dimethylnaphthalene isomer-1	5.10	2900	J
575-41-7	1,3-Dimethylnaphthalene	5.17	6000	
	Unknown Alkane-4	5.38	3600	J
	Trimethylnaphthalene isomer-1	5.72	2200	J
	Trimethylnaphthalene isomer-2	5.75	2700	J
	Trimethylnaphthalene isomer-3	5.82	3000	J
	Trimethylnaphthalene isomer-4	5.84	2500	J
	Trimethylnaphthalene isomer-5	5.89	3000	J
	Unknown Alkane-5	6.29	4400	J
	Unknown Alkane-6	6.55	10000	J
	Unknown Alkane-7	6.99	4700	J

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15644.d
Report Date: 02-Apr-2011 14:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15644.d
Lab Smp Id: 460-24277-F-31-A Client Smp ID: PMP-18-SI-E (10.5-1
Inj Date : 01-APR-2011 17:13
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24277-F-31-A
Misc Info : 460-24277-F-31-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/8270C_08SP.m
Meth Date : 01-Apr-2011 17:32 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	14.64497	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$	16 2-Fluorophenol (SUR)	112	1.322	1.287	(0.565)	959505	80.1554	6300
$	17 Phenol-d5 (SUR)	99	2.104	2.110	(0.899)	1251649	89.6237	7000
	2 2-Chlorophenol	128	2.157	2.157	(0.922)	1373	0.10629	8.3(aH)
	21 1,3-Dichlorobenzene	146	2.287	2.287	(0.977)	1872	0.11651	9.1(a)
*	79 1,4-Dichlorobenzene-d4	152	2.340	2.346	(1.000)	384886	40.0000	
	22 1,4-Dichlorobenzene	146	2.357	2.357	(1.008)	9050	0.56776	44(a)
$	76 Nitrobenzene-d5 (SUR)	82	2.916	2.928	(0.792)	566766	39.5533	3100
*	80 Naphthalene-d8	136	3.681	3.681	(1.000)	1367765	40.0000	
	31 Naphthalene	128	3.704	3.698	(1.006)	260847	6.95815	540
	34 2-Methylnaphthalene	142	4.451	4.434	(1.209)	726940	33.8187	2600(H)
	120 1-Methylnaphthalene	142	4.540	4.522	(1.233)	543229	25.8793	2000
$	77 2-Fluorobiphenyl (SUR)	172	4.851	4.840	(0.887)	883407	37.6485	2900
	125 1,3-Dimethylnaphthalene	156	5.169	5.145	(0.945)	1157810	76.8701	6000

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15644.d
Report Date: 02-Apr-2011 14:48

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 82 Acenaphthene-d10	164	5.469	5.451	(1.000)	598441	40.0000	
42 Acenaphthene	154	5.498	5.481	(1.005)	50823	3.14360	240(a)
47 Fluorene	166	5.998	5.987	(1.097)	106750	6.09595	480
$ 18 2,4,6-Tribromophenol (SUR)	330	6.239	6.222	(1.141)	236463	94.7534	7400
* 83 Phenanthrene-d10	188	6.881	6.863	(1.000)	827103	40.0000	
52 Phenanthrene	178	6.898	6.887	(1.003)	270230	11.5261	900
57 Pyrene	202	8.216	8.216	(0.876)	28922	1.15273	90(a)
$ 78 Terphenyl-d14	244	8.451	8.445	(0.901)	605061	36.2192	2800
* 81 Chrysene-d12	240	9.380	9.386	(1.000)	619285	40.0000	
* 84 Perylene-d12	264	10.686	10.686	(1.000)	468342	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15644.d
Report Date: 02-Apr-2011 14:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15644.d
Lab Smp Id: 460-24277-F-31-A Client Smp ID: PMP-18-SI-E (10.5-1
Inj Date : 01-APR-2011 17:13
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-24277-F-31-A
Misc Info : 460-24277-F-31-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/8270C_08SP.m
Meth Date : 01-Apr-2011 17:32 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	14.64497	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	2.340	2976298	40.000
* 80 Naphthalene-d8	3.681	4871330	40.000
* 82 Acenaphthene-d10	5.469	3986703	40.000
* 83 Phenanthrene-d10	6.881	3089635	40.000

CONCENTRATIONS					QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15644.d
Report Date: 02-Apr-2011 14:48

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethyldimethylbenzene isomer-1					CAS #:		
2.710	2043876	27.4686972	2100	0		0	79
trans-Decalin, 2-methyl-					CAS #: 1000152-47-3		
3.175	2617031	21.4892470	1700	98	NIST02.l	24310	80
Decahydromethylnaphthalene isomer-1					CAS #:		
3.293	3422058	28.0995745	2200	0		0	80
C11H14 Aromatic					CAS #:		
3.728	2663325	21.8693849	1700	0		0	80(L)
Unknown Alkane-1					CAS #:		
3.928	7554461	62.0320111	4800	0		0	80
Unknown-1					CAS #:		
3.975	3095047	25.4143863	2000	0		0	80
Unknown-2					CAS #:		
4.251	2315820	19.0159144	1500	0		0	80
Unknown Alkane-2					CAS #:		
4.310	6288651	51.6380560	4000	0		0	80
Unknown-3					CAS #:		
4.416	3872721	31.8001083	2500	0		0	80
Unknown-4					CAS #:		
4.581	4461023	44.7590175	3500	0		0	82
Unknown-5					CAS #:		
4.734	2609920	26.1862430	2000	0		0	82
Unknown Alkane-3					CAS #:		
4.922	7665438	76.9100373	6000	0		0	82
Dimethylnaphthalene isomer-1					CAS #:		
5.098	3702851	37.1520087	2900	0		0	82
Unknown Alkane-4					CAS #:		
5.381	4627356	46.4278941	3600	0		0	82
Unknown-6					CAS #:		
5.528	2256384	22.6390969	1800	0		0	82

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15644.d
Report Date: 02-Apr-2011 14:48

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylmethylnaphthalene isomer-1					CAS #:		
5.616	2545671	25.5416136	2000	0		0	82
Trimethylnaphthalene isomer-1					CAS #:		
5.716	2768926	27.7816111	2200	0		0	82
Trimethylnaphthalene isomer-2					CAS #:		
5.745	3495403	35.0706125	2700	0		0	82
Trimethylnaphthalene isomer-3					CAS #:		
5.816	3829217	38.4198790	3000	0		0	82
Trimethylnaphthalene isomer-4					CAS #:		
5.839	3242820	32.5363568	2500	0		0	82
Trimethylnaphthalene isomer-5					CAS #:		
5.887	3792696	38.0534518	3000	0		0	82
Unknown Alkane-5					CAS #:		
6.287	4313222	55.8411766	4400	0		0	83
Unknown Alkane-6					CAS #:		
6.545	10351829	134.020059	10000	0		0	83
Unknown Alkane-7					CAS #:		
6.986	4674335	60.5163320	4700	0		0	83

QC Flag Legend

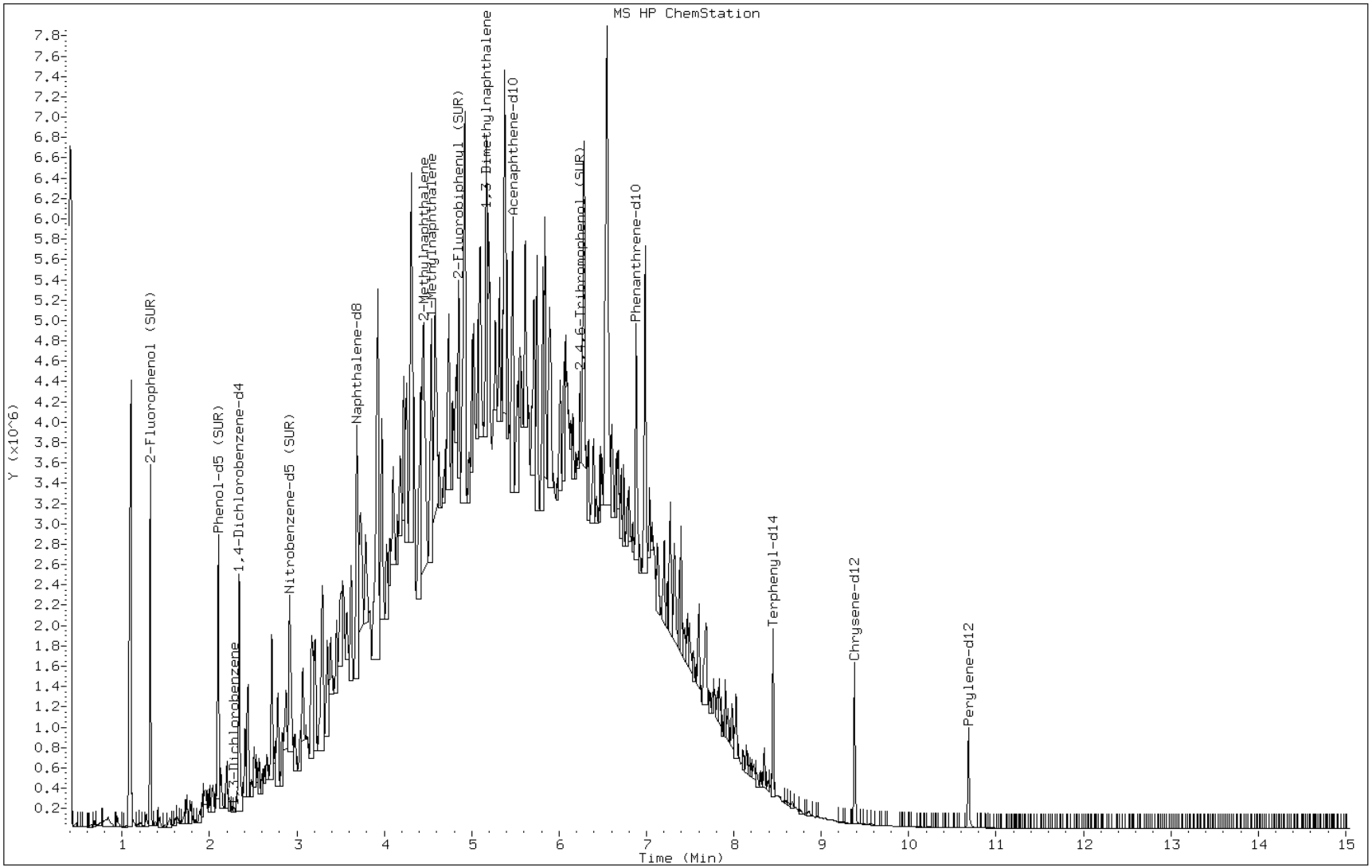
L - Operator selected an alternate library search match.

Data File: z15644.d

Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4



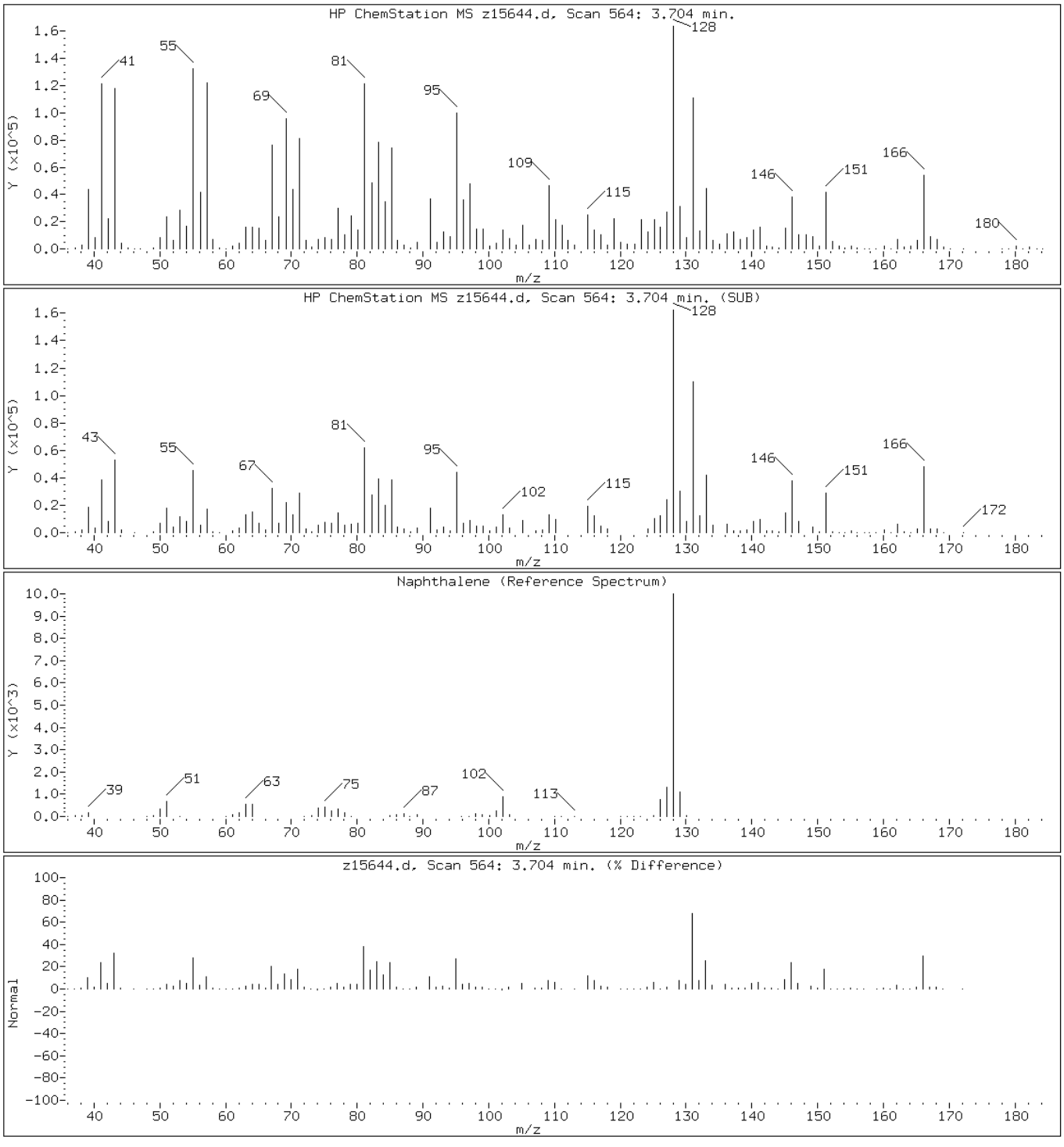
Data File: z15644.d

Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

31 Naphthalene



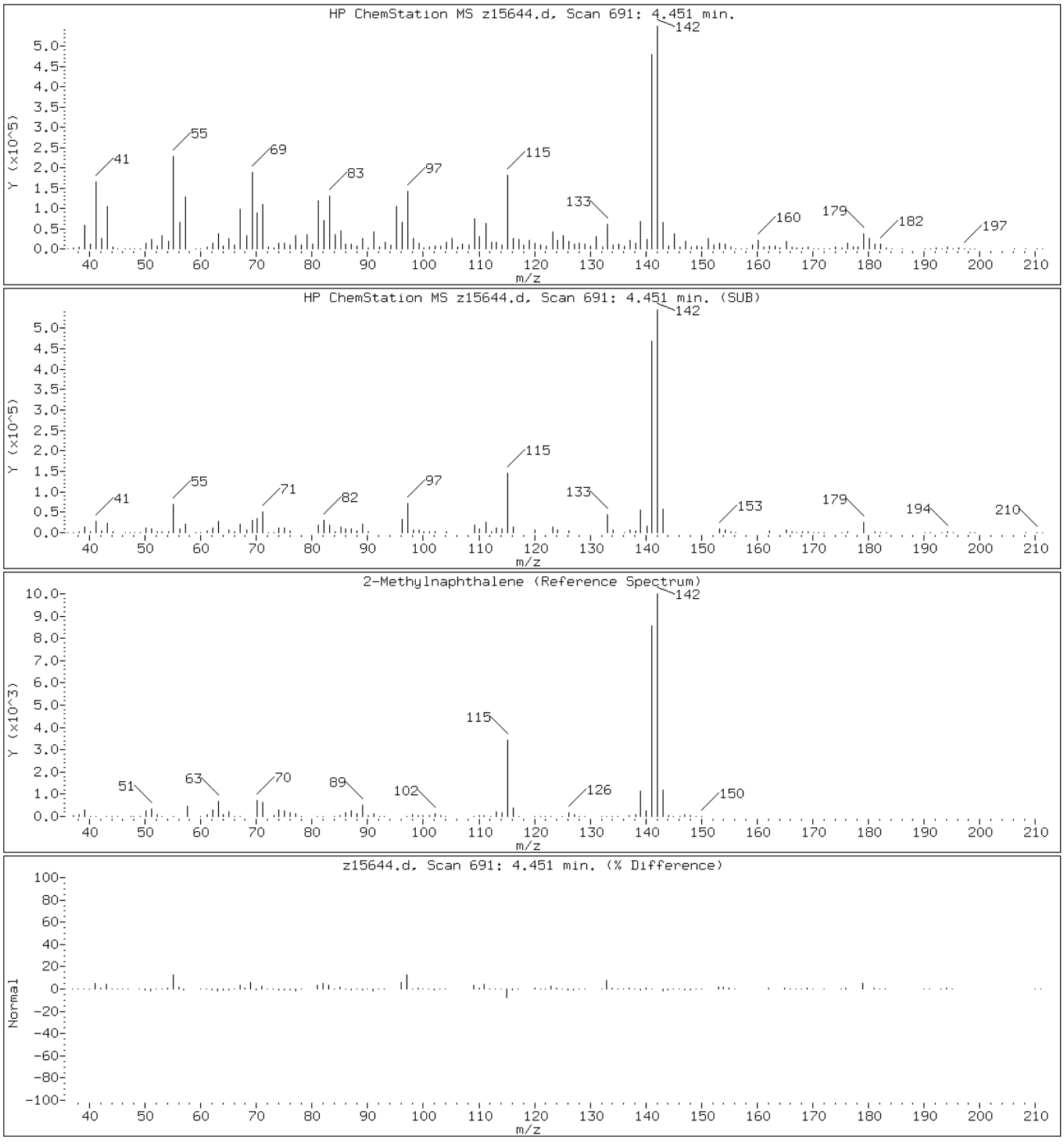
Data File: z15644.d

Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

34 2-Methylnaphthalene



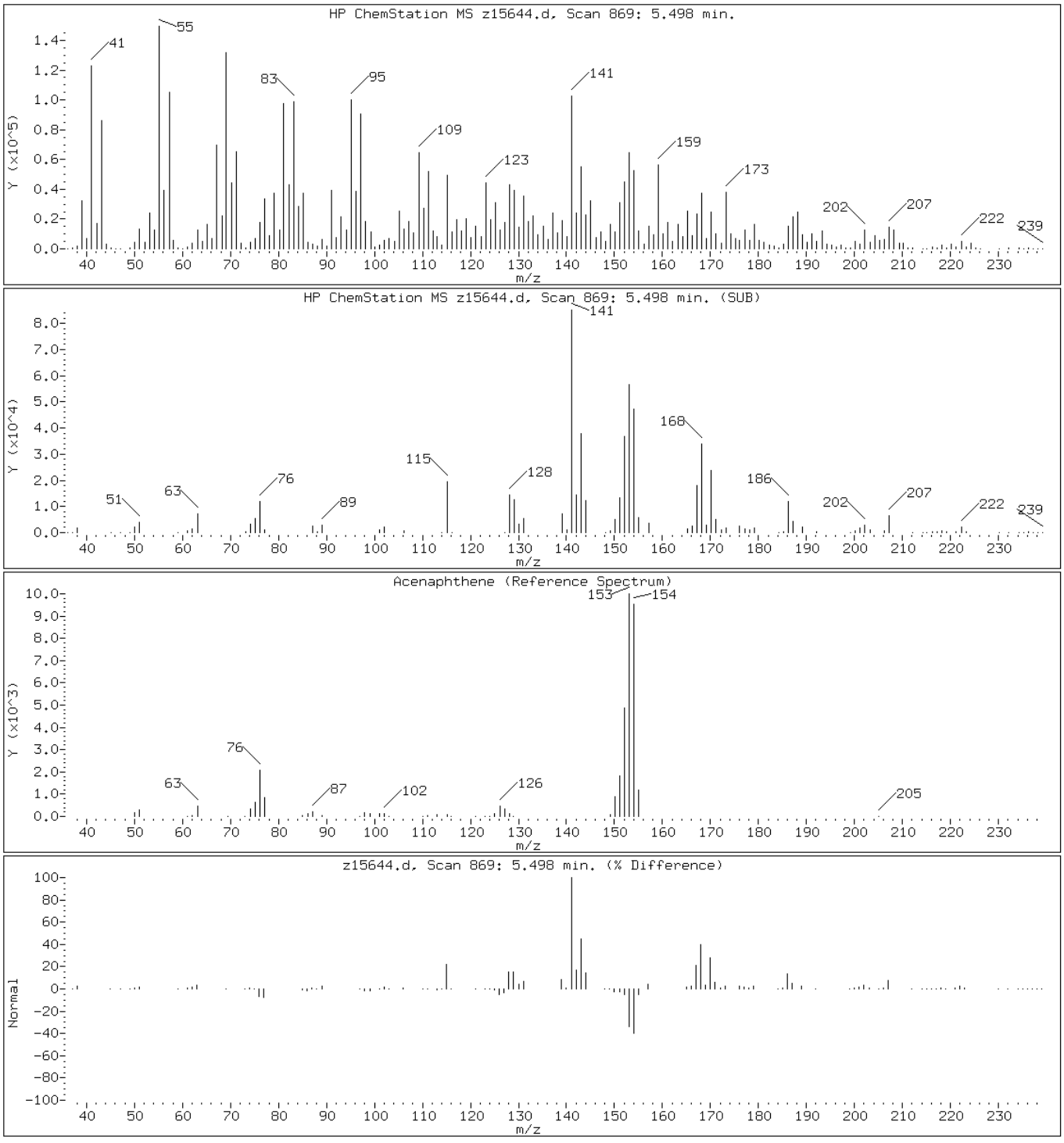
Data File: z15644.d

Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

42 Acenaphthene



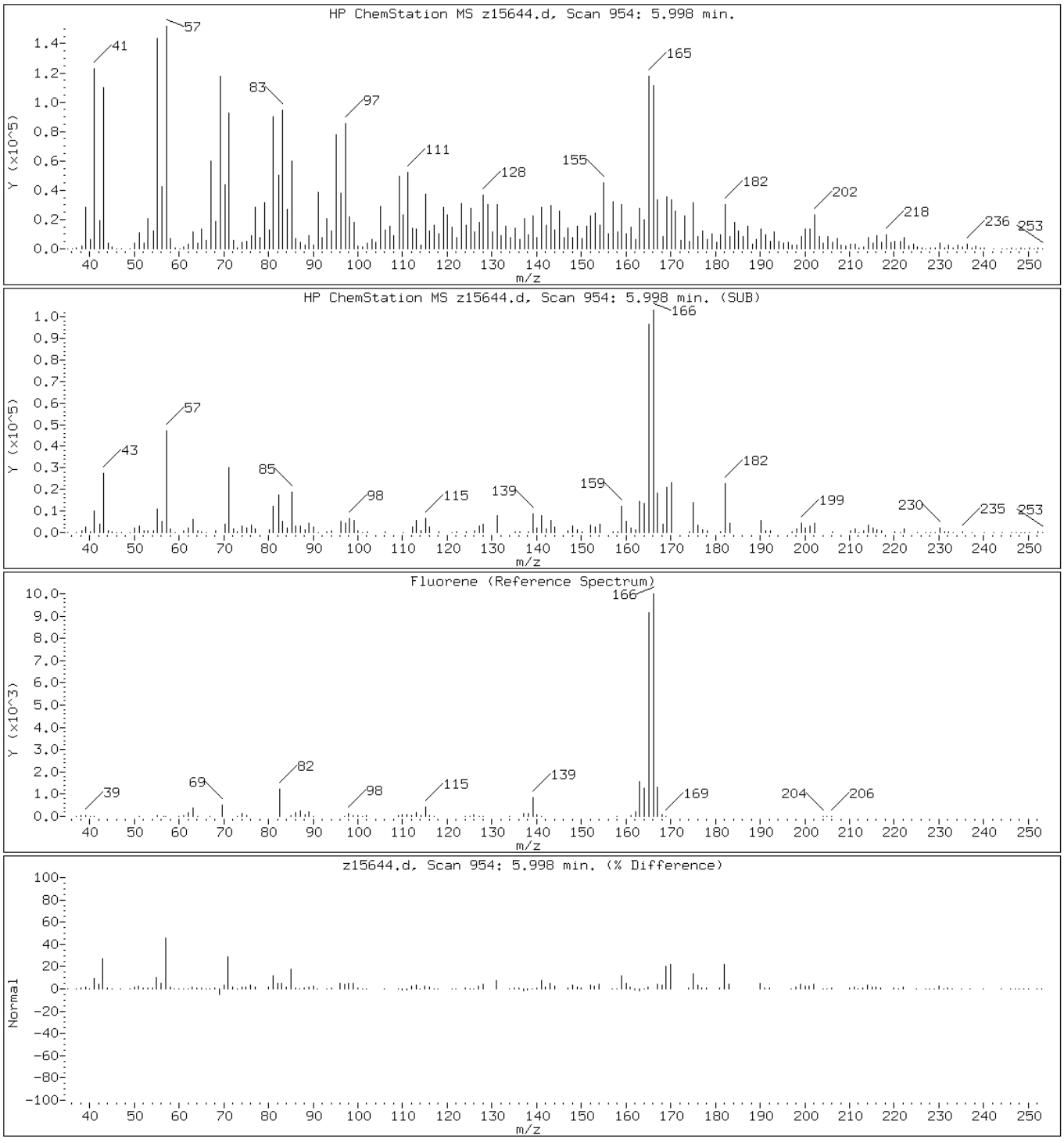
Data File: z15644.d

Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

47 Fluorene



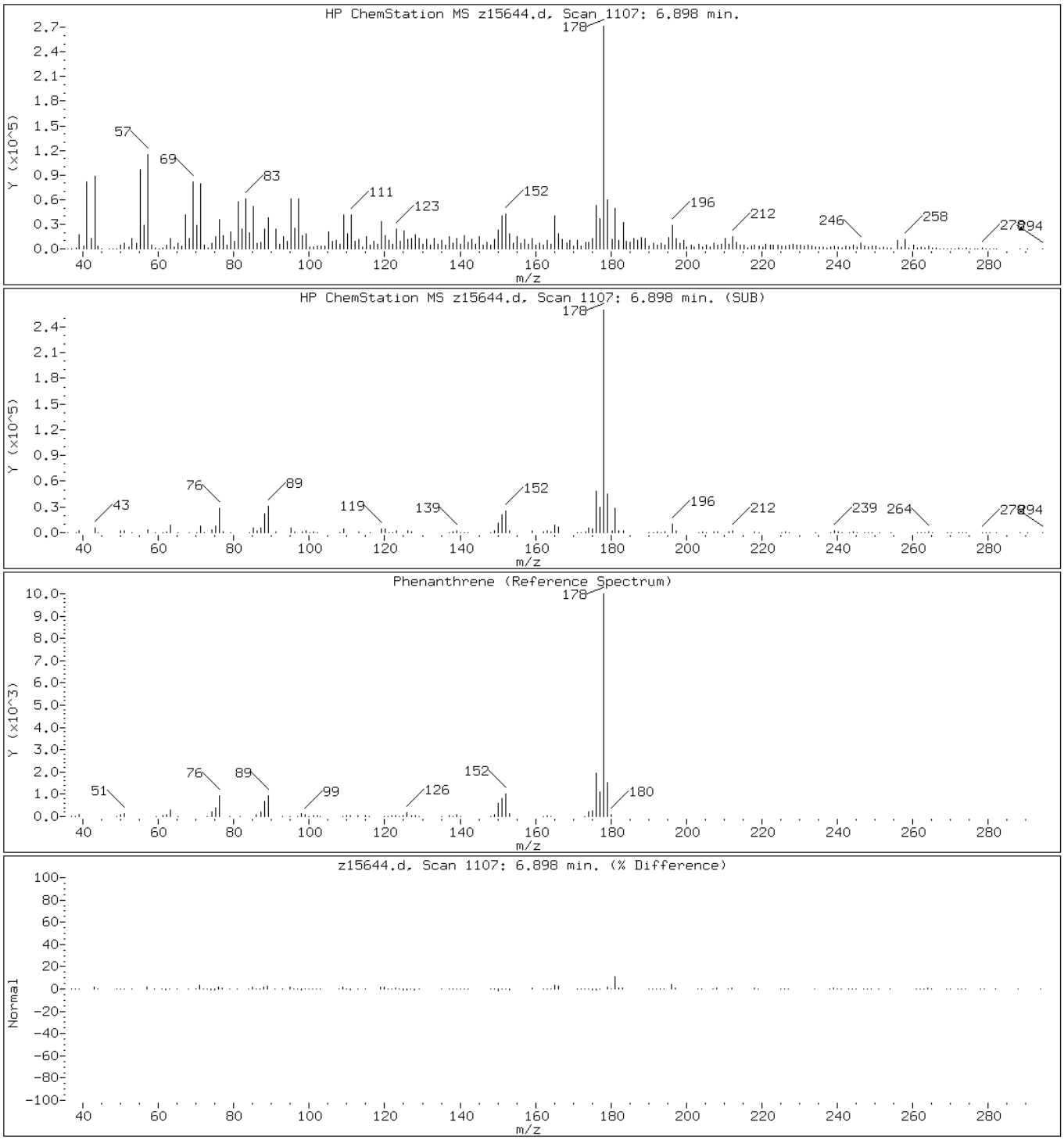
Data File: z15644.d

Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

52 Phenanthrene



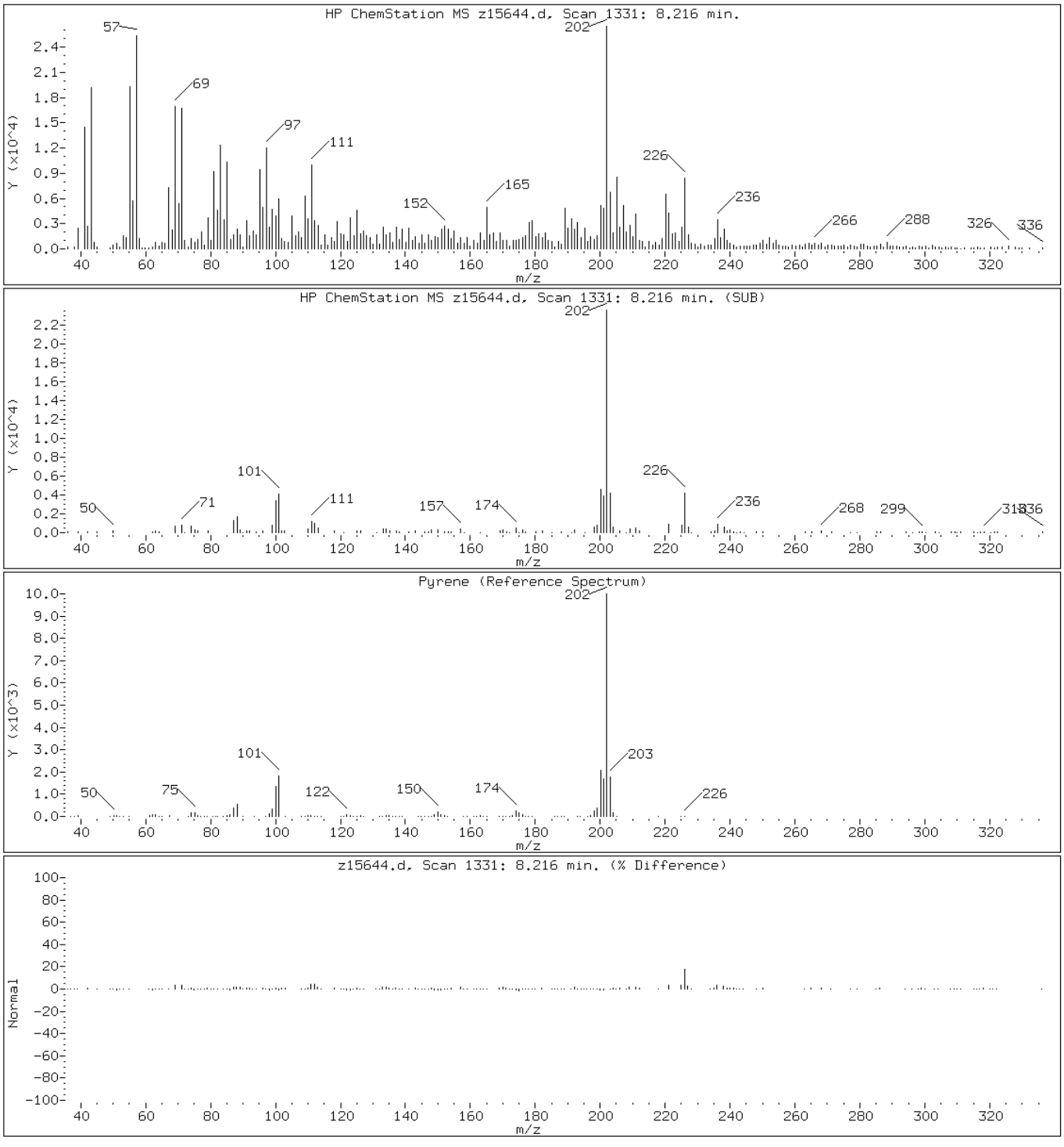
Data File: z15644.d

Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

57 Pyrene



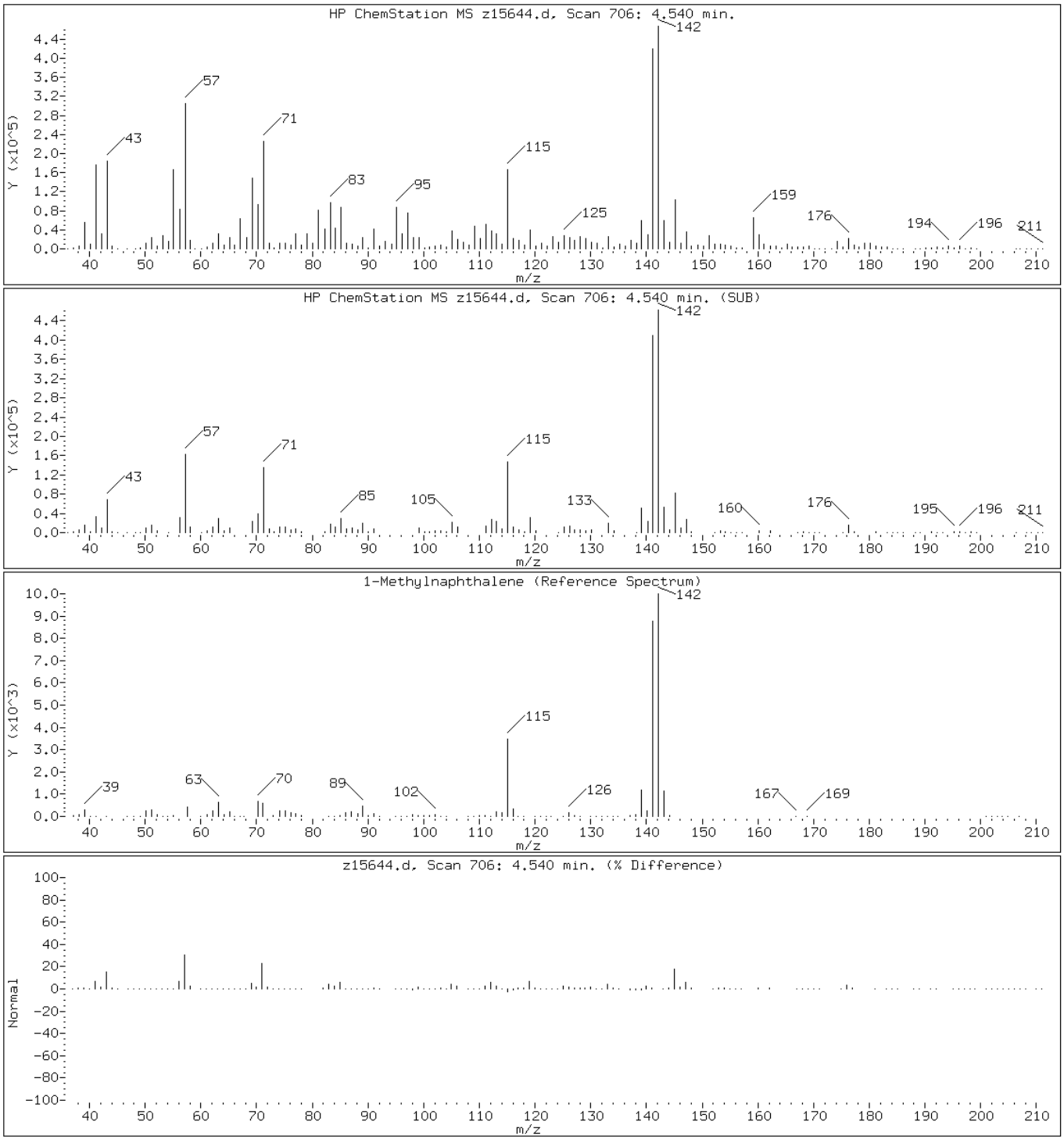
Data File: z15644.d

Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

120 1-Methylnaphthalene



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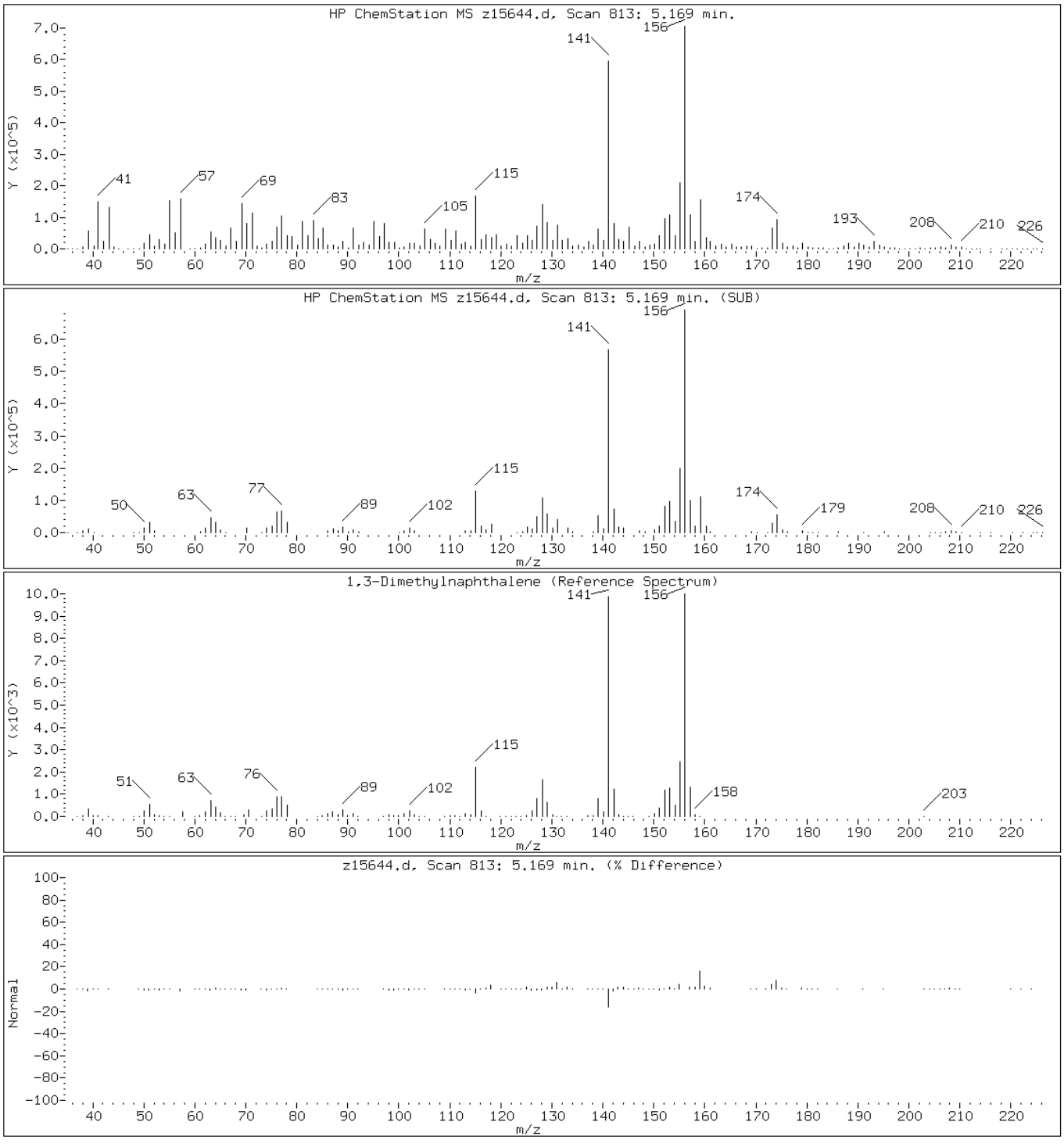
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: z15644.d

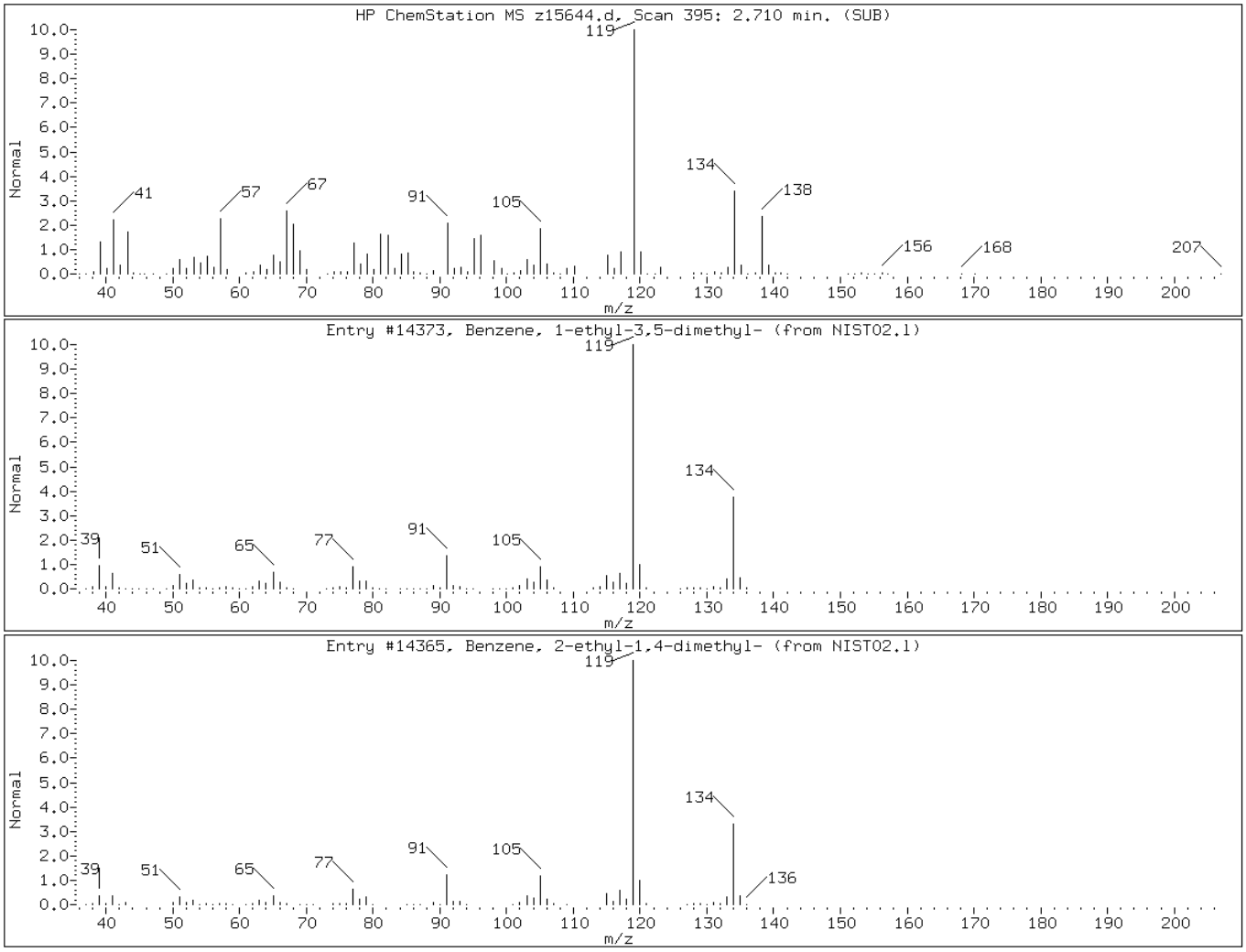
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 2.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14373	90	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14365	90	C10H14	134



Data File: z15644.d

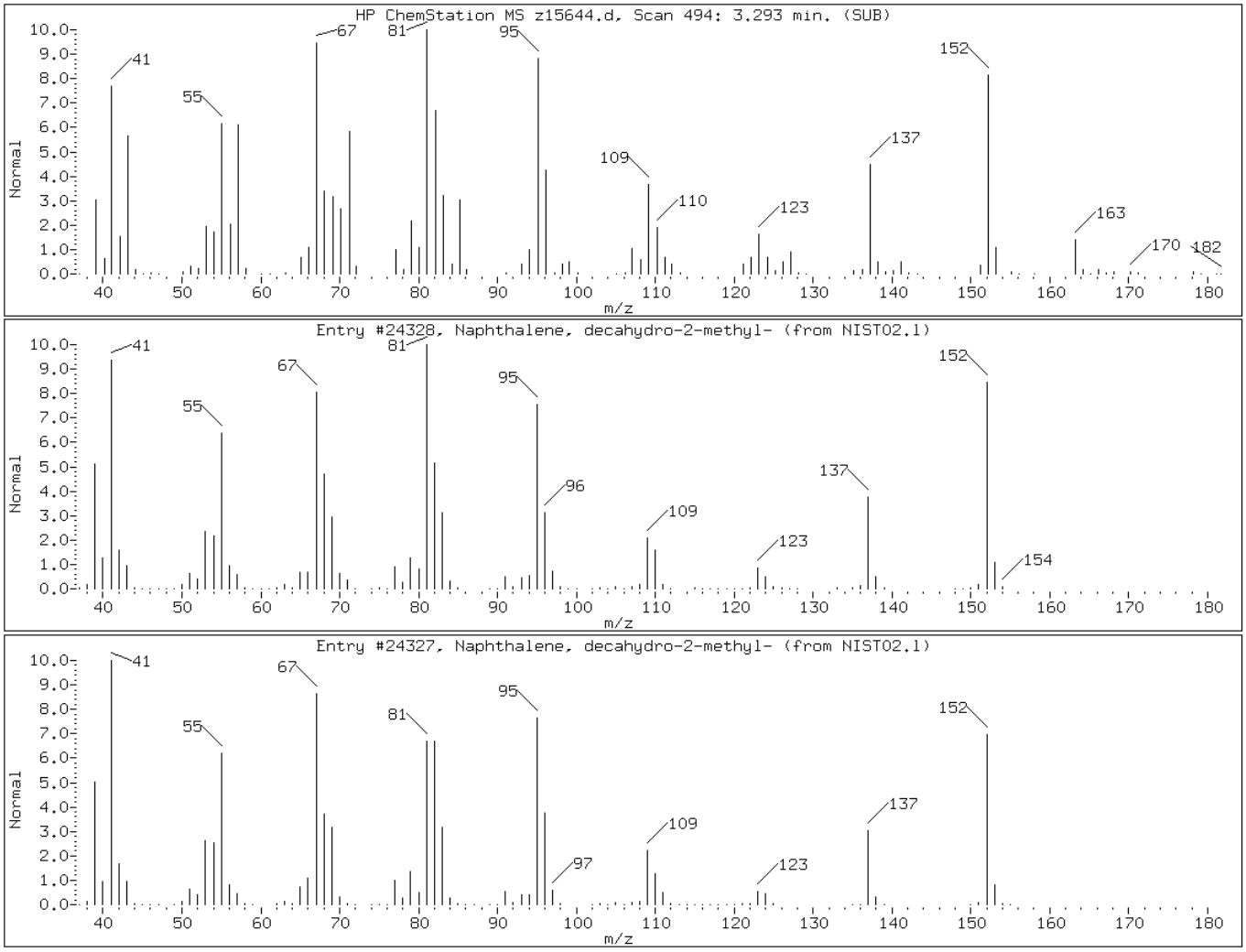
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 3.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer-						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24328	94	C11H20	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	93	C11H20	152



Data File: z15644.d

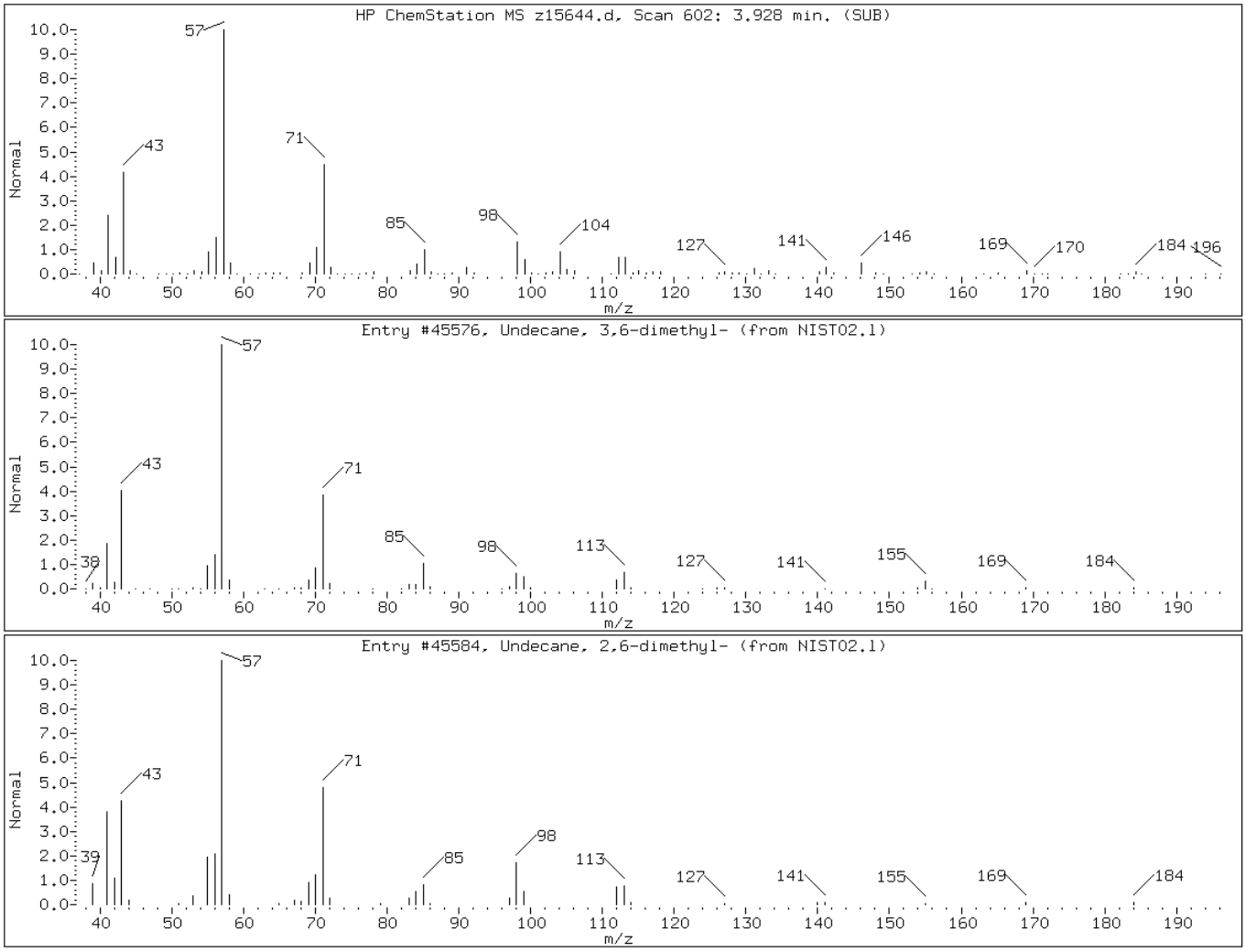
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 3.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	94	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	83	C13H28	184



Data File: z15644.d

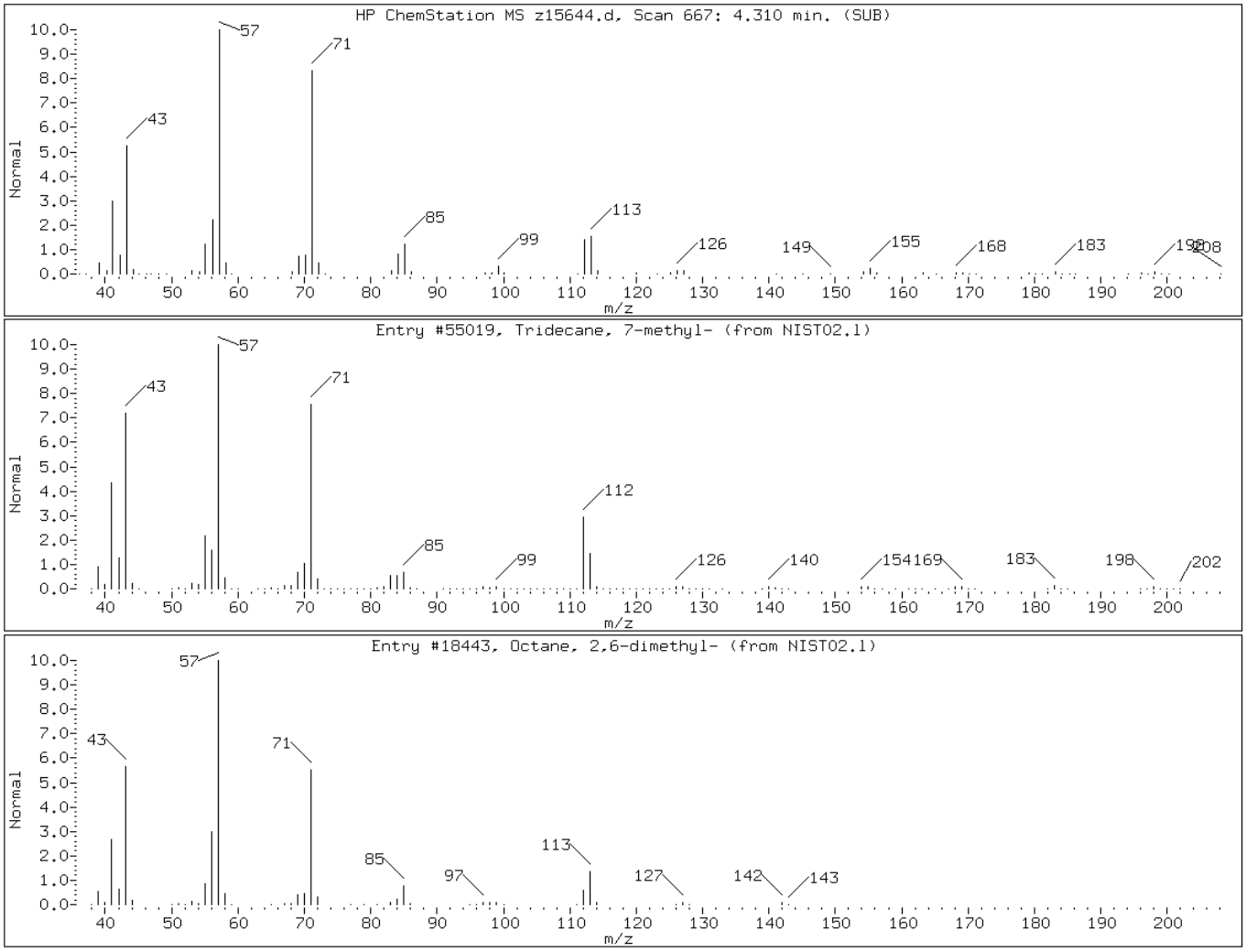
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 4.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	90	C14H30	198
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	83	C10H22	142



Data File: z15644.d

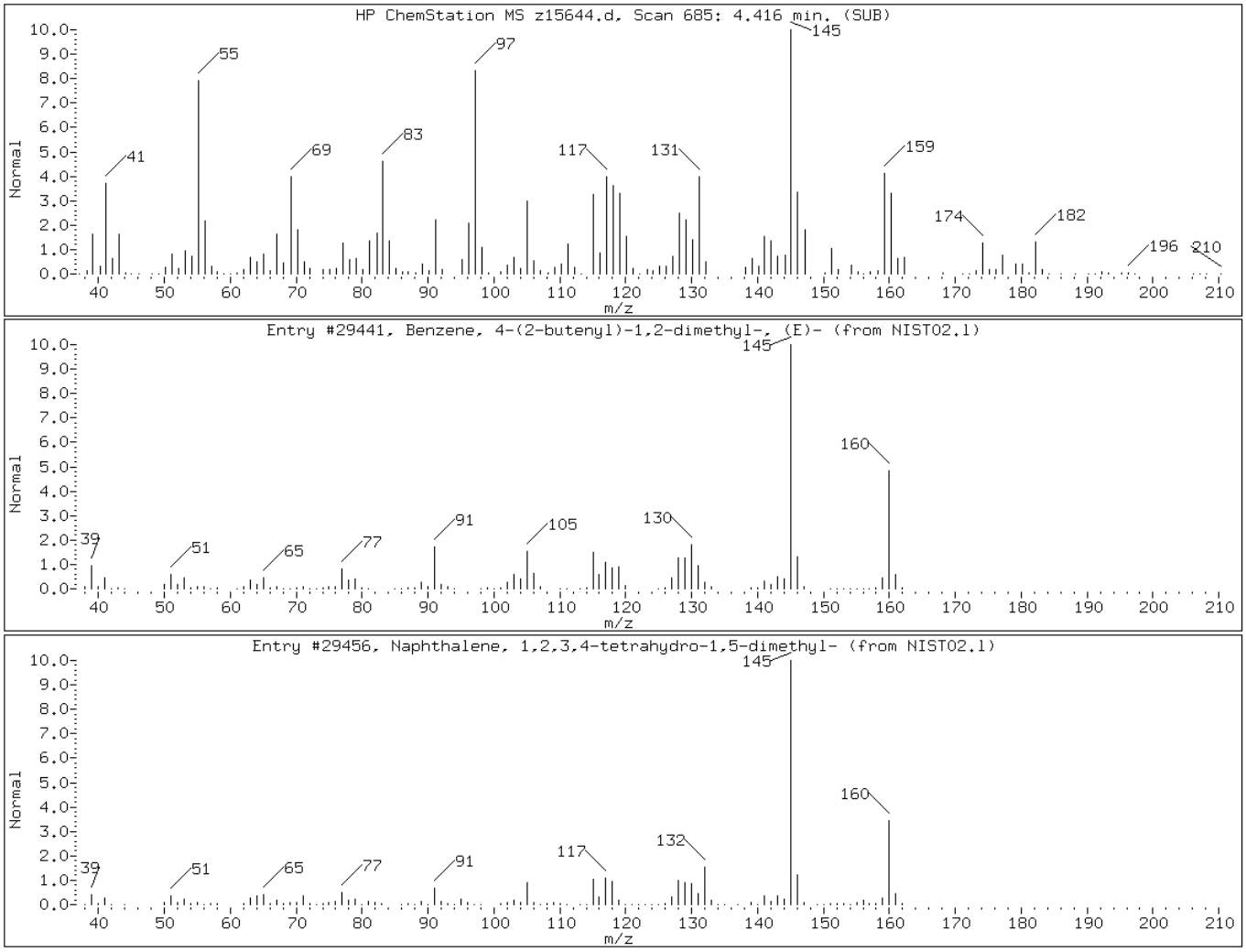
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 4.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Benzene, 4-(2-butenyl)-1,2-dimethy	54340-86-2	NIST02.l	29441	55	C12H16	160
Naphthalene, 1,2,3,4-tetrahydro-1,	21564-91-0	NIST02.l	29456	50	C12H16	160



Data File: z15644.d

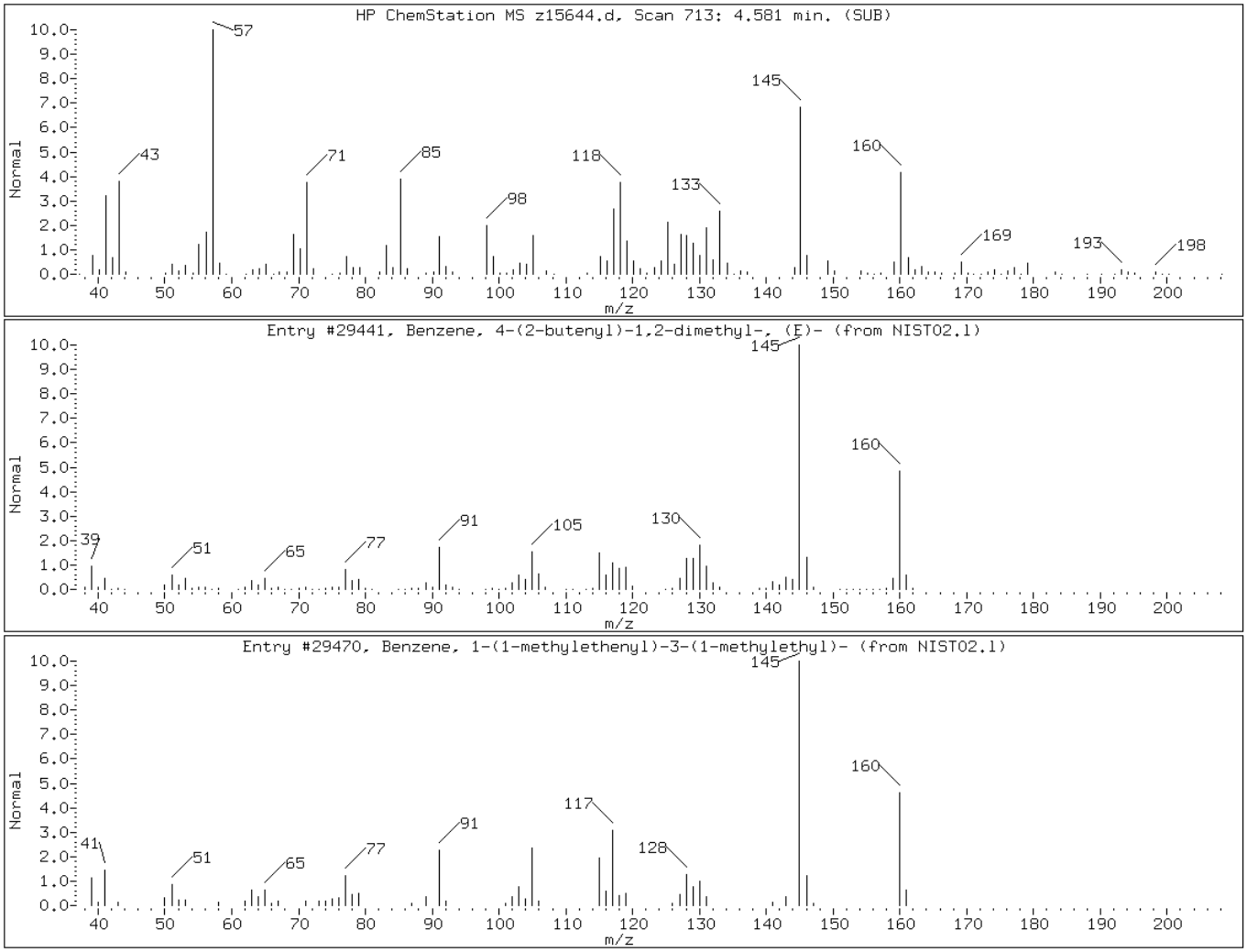
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 4.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Benzene, 4-(2-butenyl)-1,2-dimethy	54340-86-2	NIST02.l	29441	64	C12H16	160
Benzene, 1-(1-methylethenyl)-3-(1-	1129-29-9	NIST02.l	29470	46	C12H16	160



Data File: z15644.d

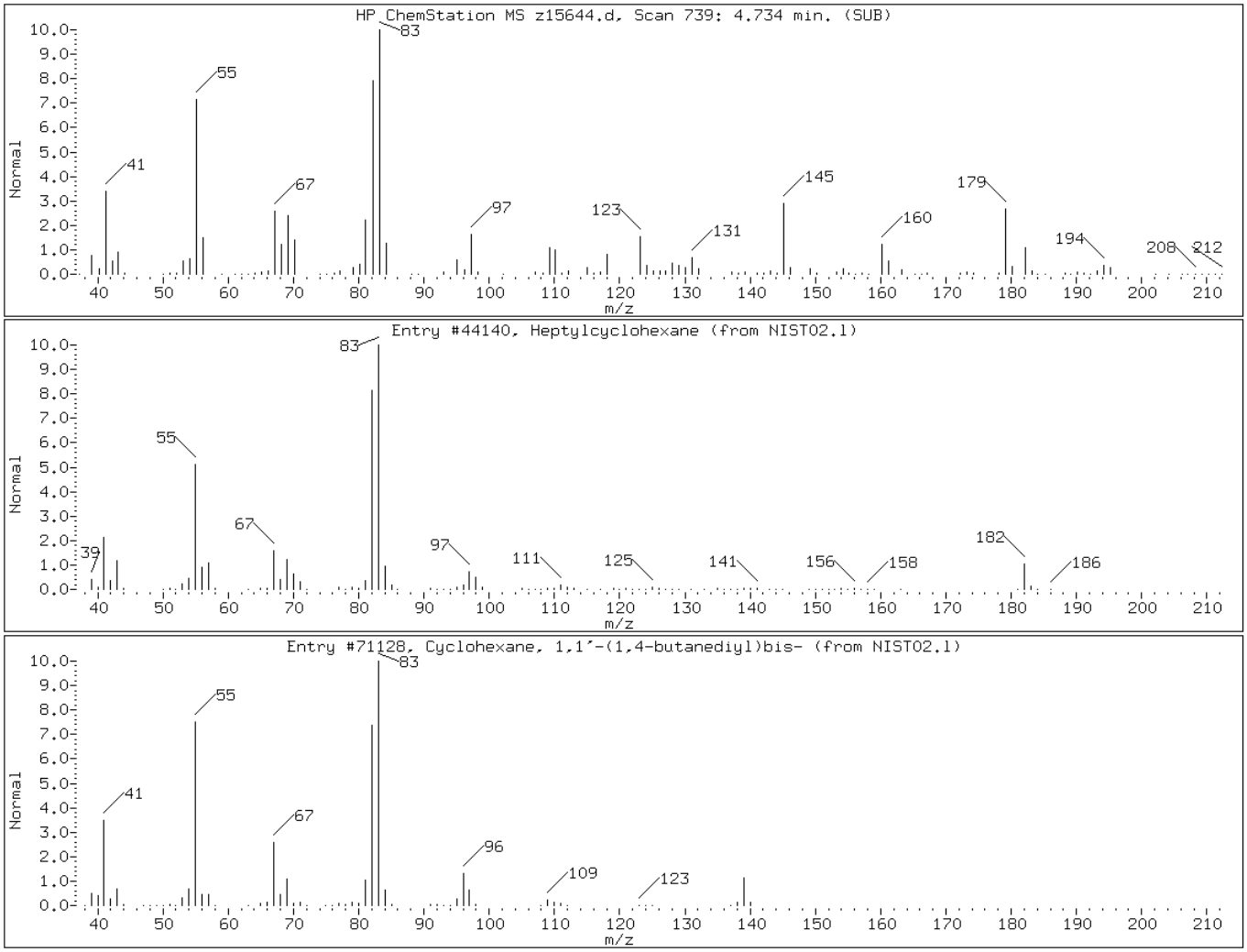
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 4.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Heptylcyclohexane	5617-41-4	NIST02.l	44140	52	C13H26	182
Cyclohexane, 1,1'-(1,4-butanediyl)	6165-44-2	NIST02.l	71128	50	C16H30	222



Data File: z15644.d

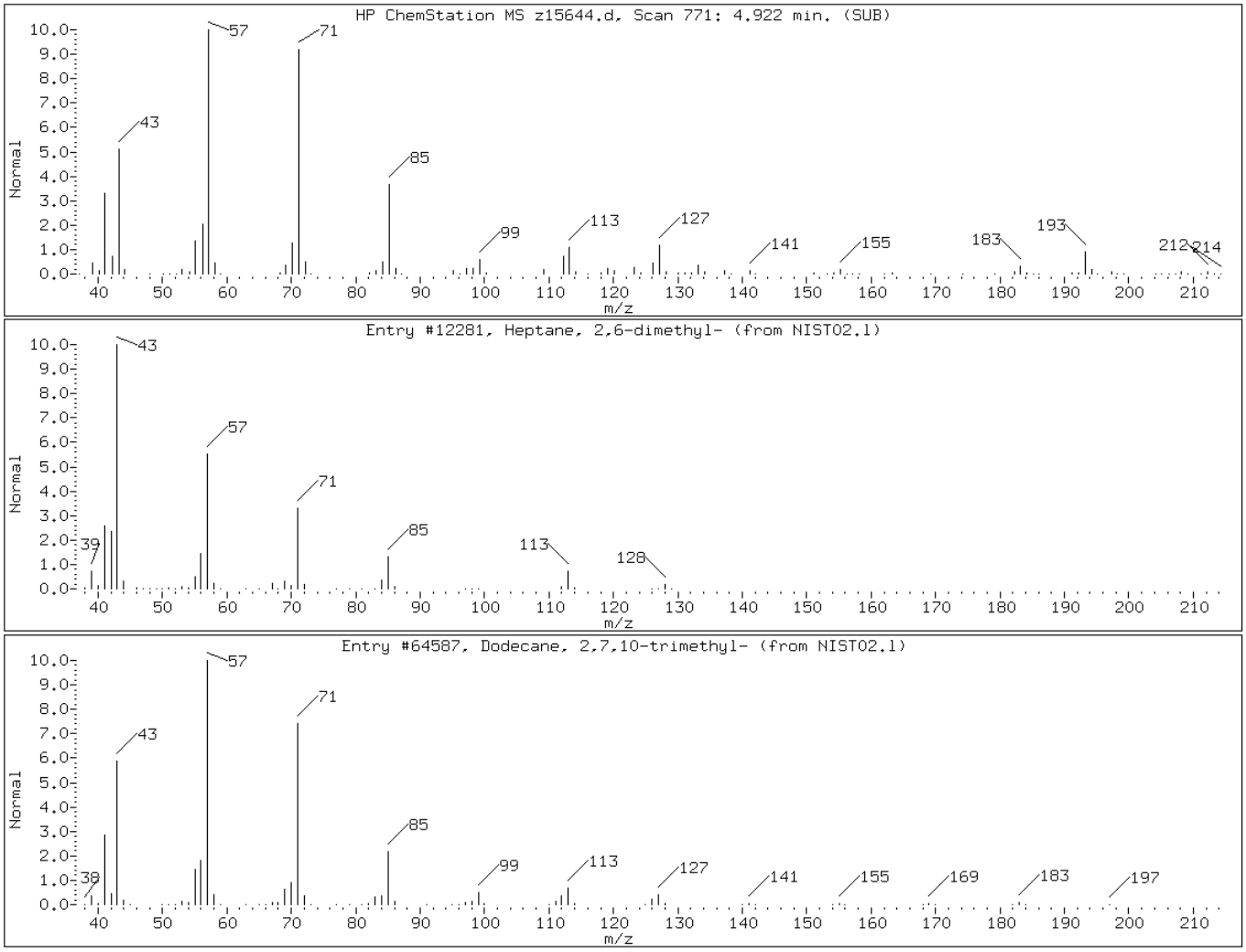
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 4.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Heptane, 2,6-dimethyl-	1072-05-5	NIST02.l	12281	81	C9H20	128
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	80	C15H32	212



Data File: z15644.d

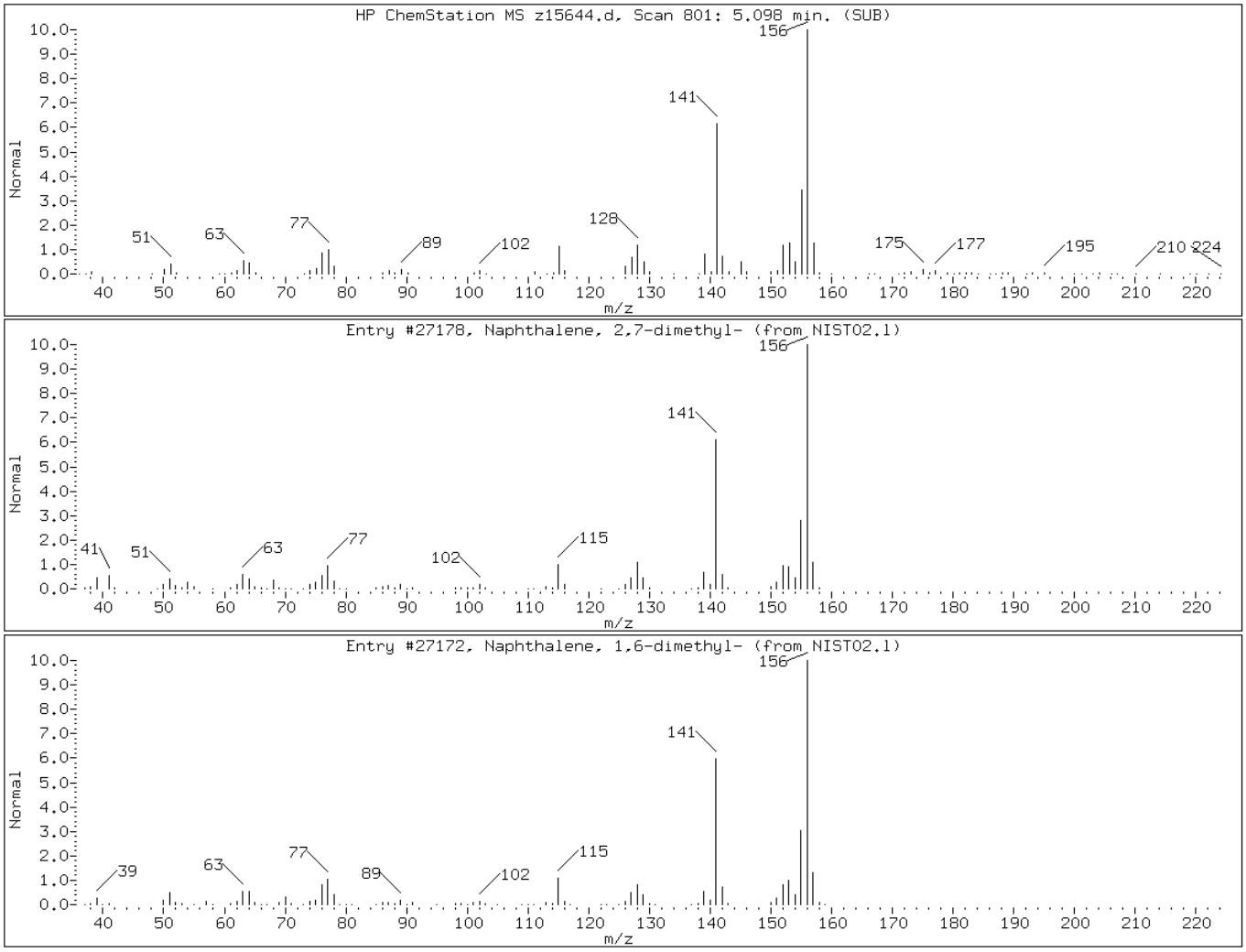
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 5.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-1						
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27178	98	C12H12	156
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.l	27172	97	C12H12	156



Data File: z15644.d

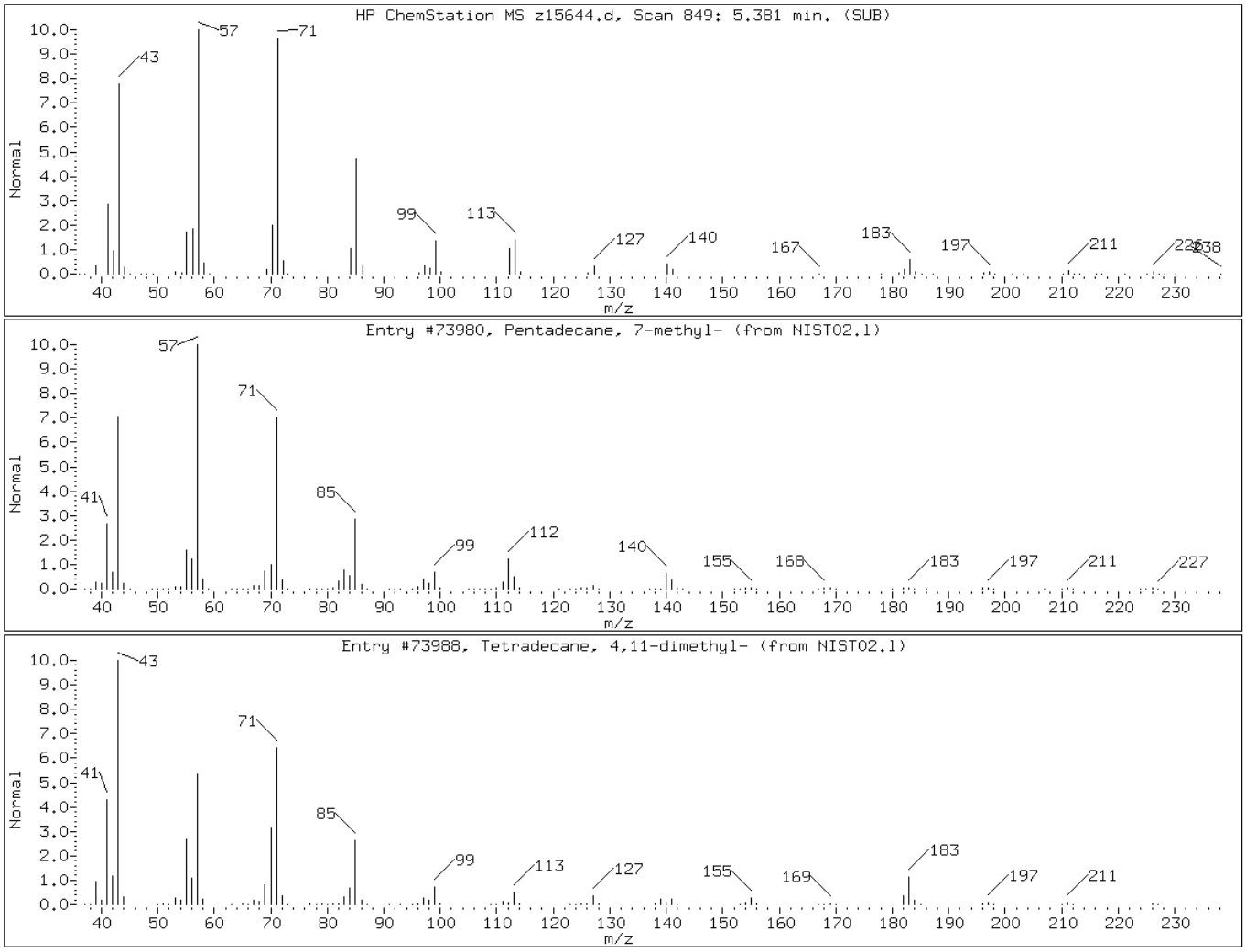
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 5.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	81	C16H34	226
Tetradecane, 4,11-dimethyl-	55045-12-0	NIST02.l	73988	74	C16H34	226



Data File: z15644.d

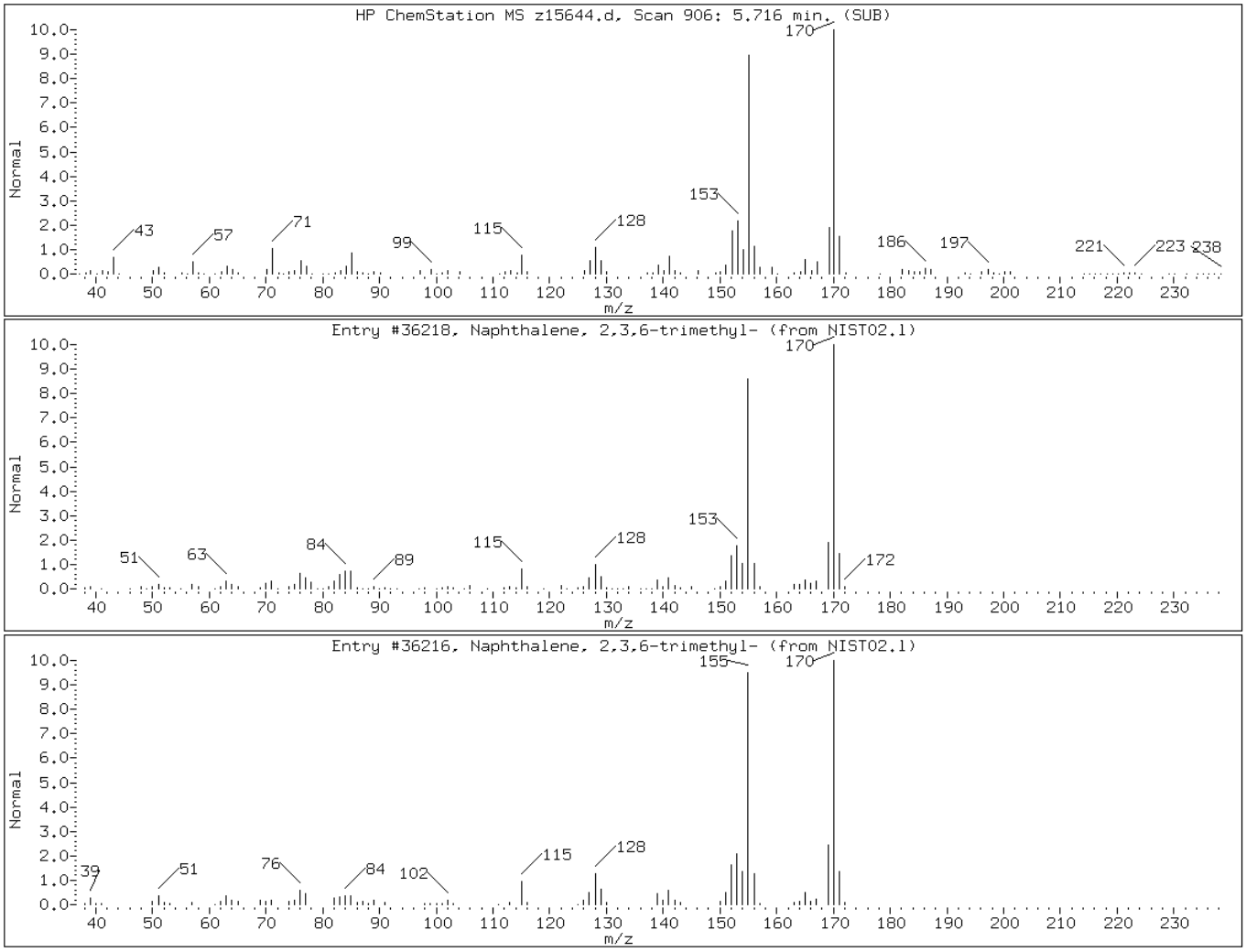
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 5.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	98	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	98	C13H14	170



Data File: z15644.d

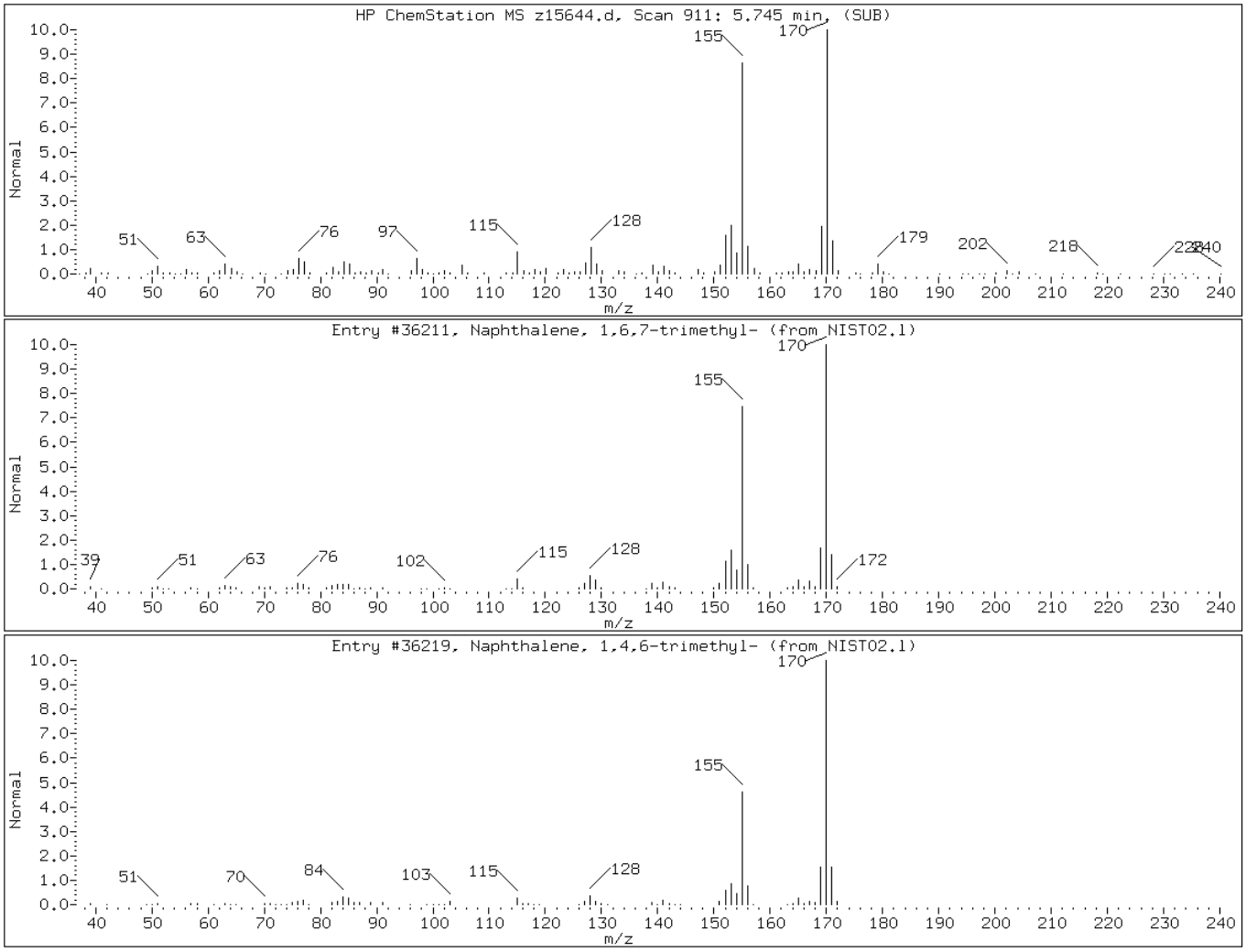
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 5.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36211	97	C13H14	170
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36219	95	C13H14	170



Data File: z15644.d

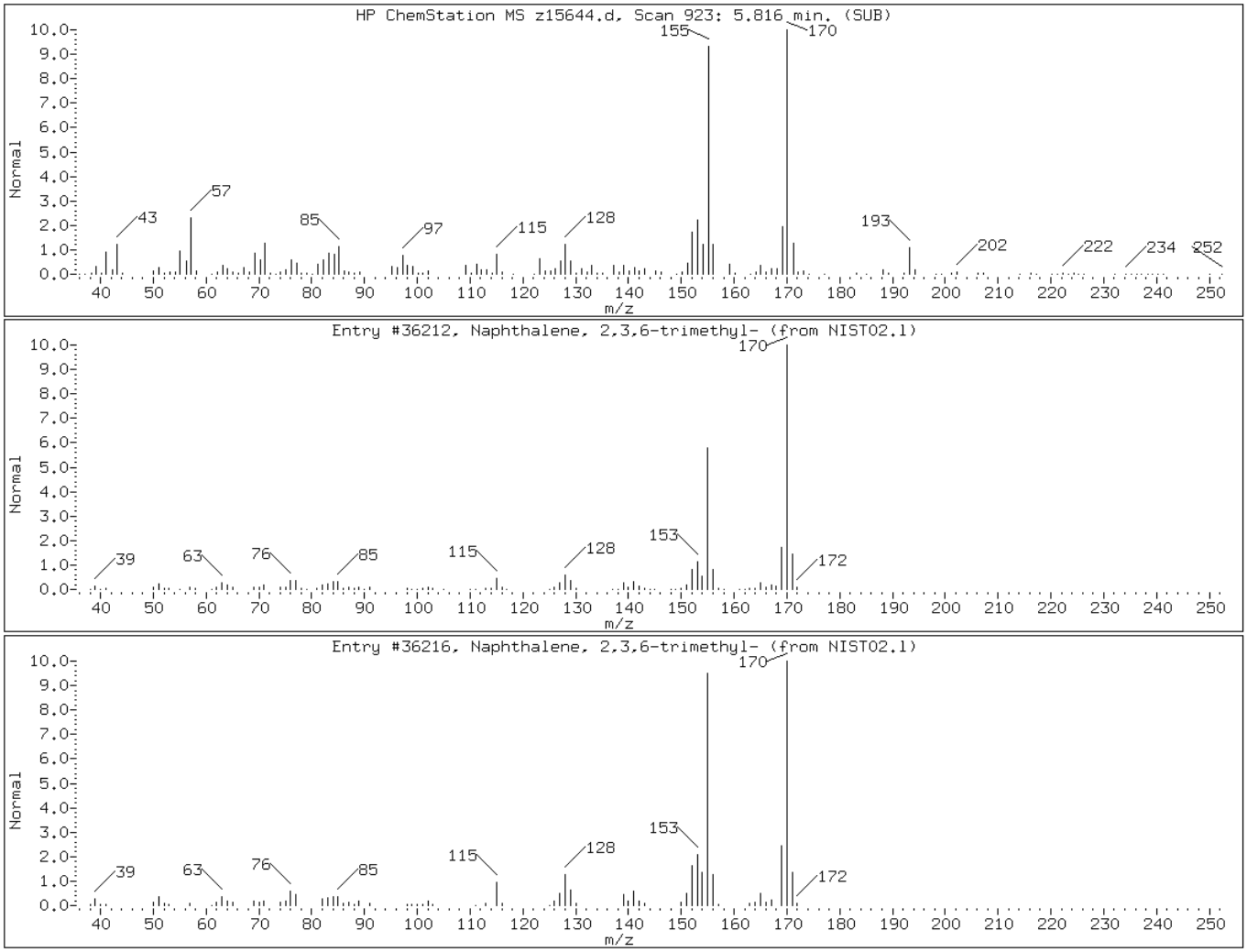
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 5.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-3						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36212	97	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	95	C13H14	170



Data File: z15644.d

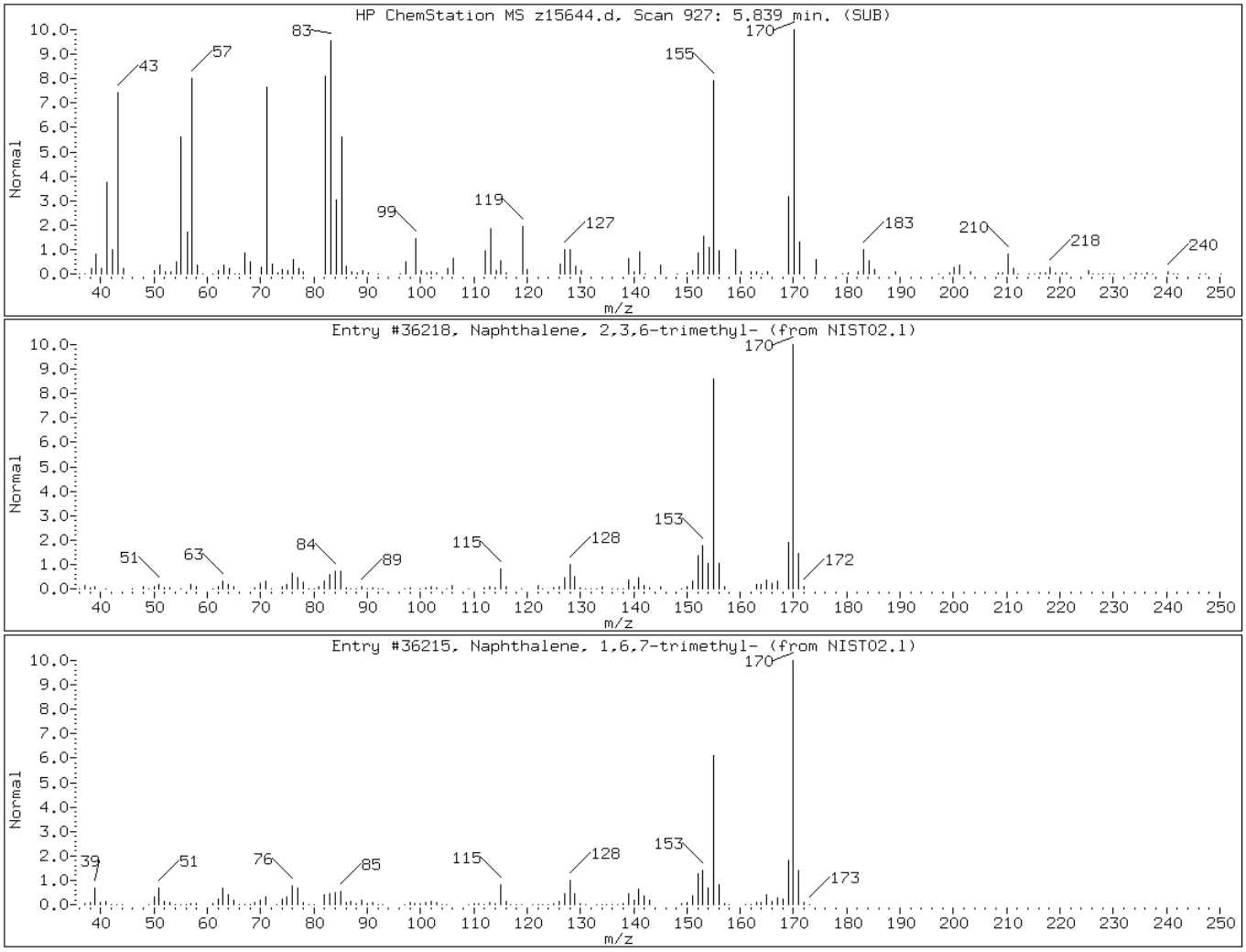
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 5.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-4						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36218	42	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36215	38	C13H14	170



Data File: z15644.d

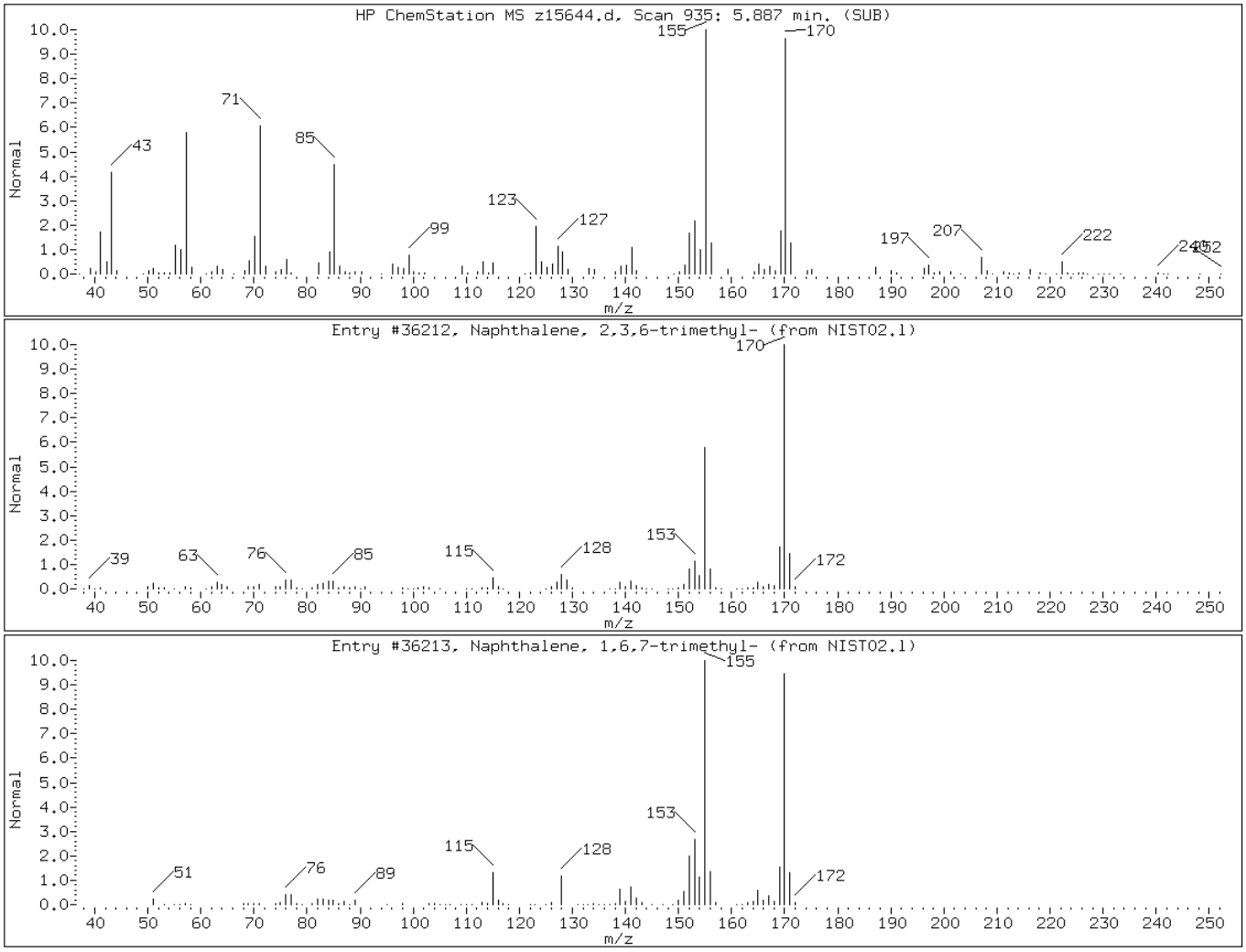
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 5.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-5						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36212	96	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	91	C13H14	170



Data File: z15644.d

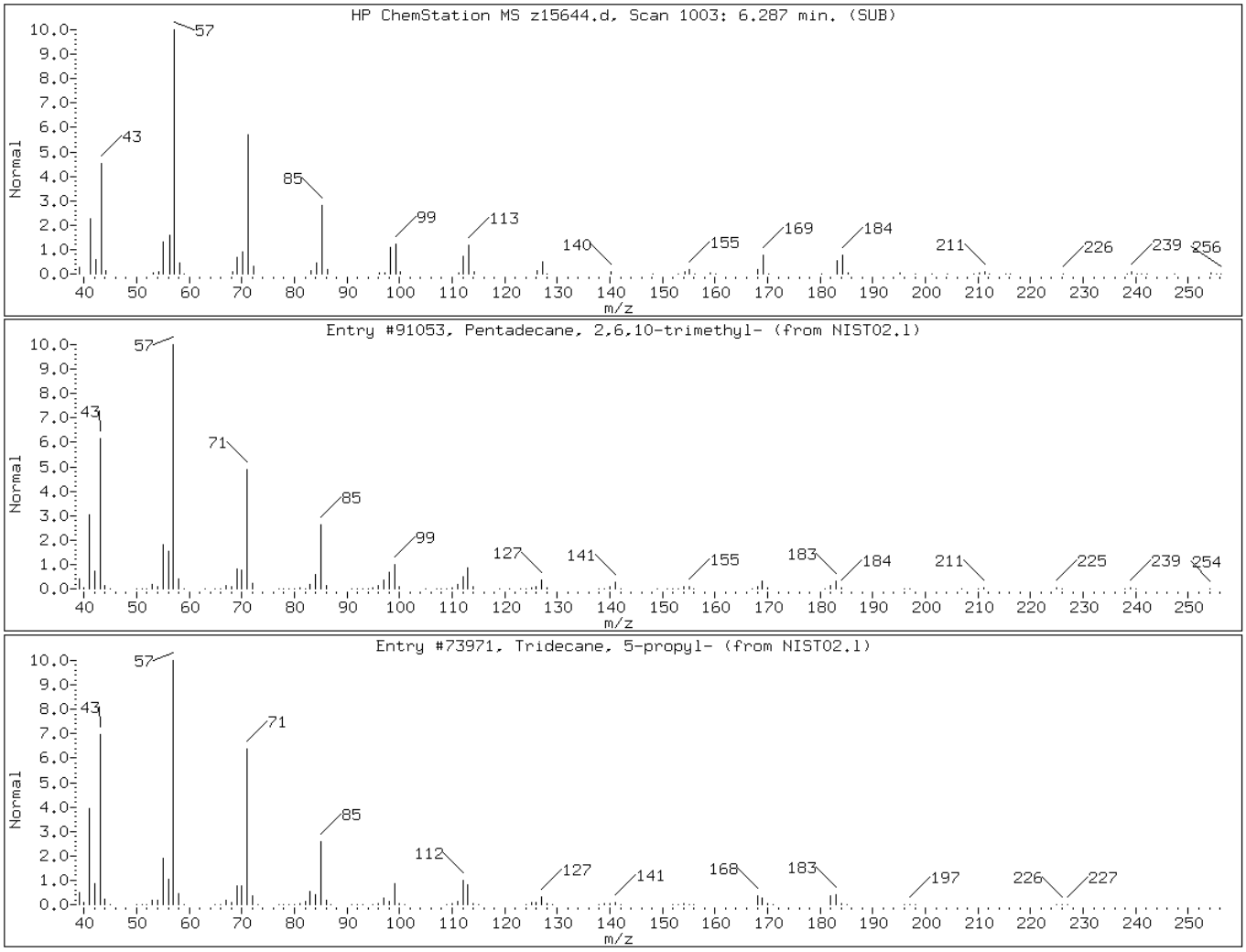
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 6.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	83	C18H38	254
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	72	C16H34	226



Data File: z15644.d

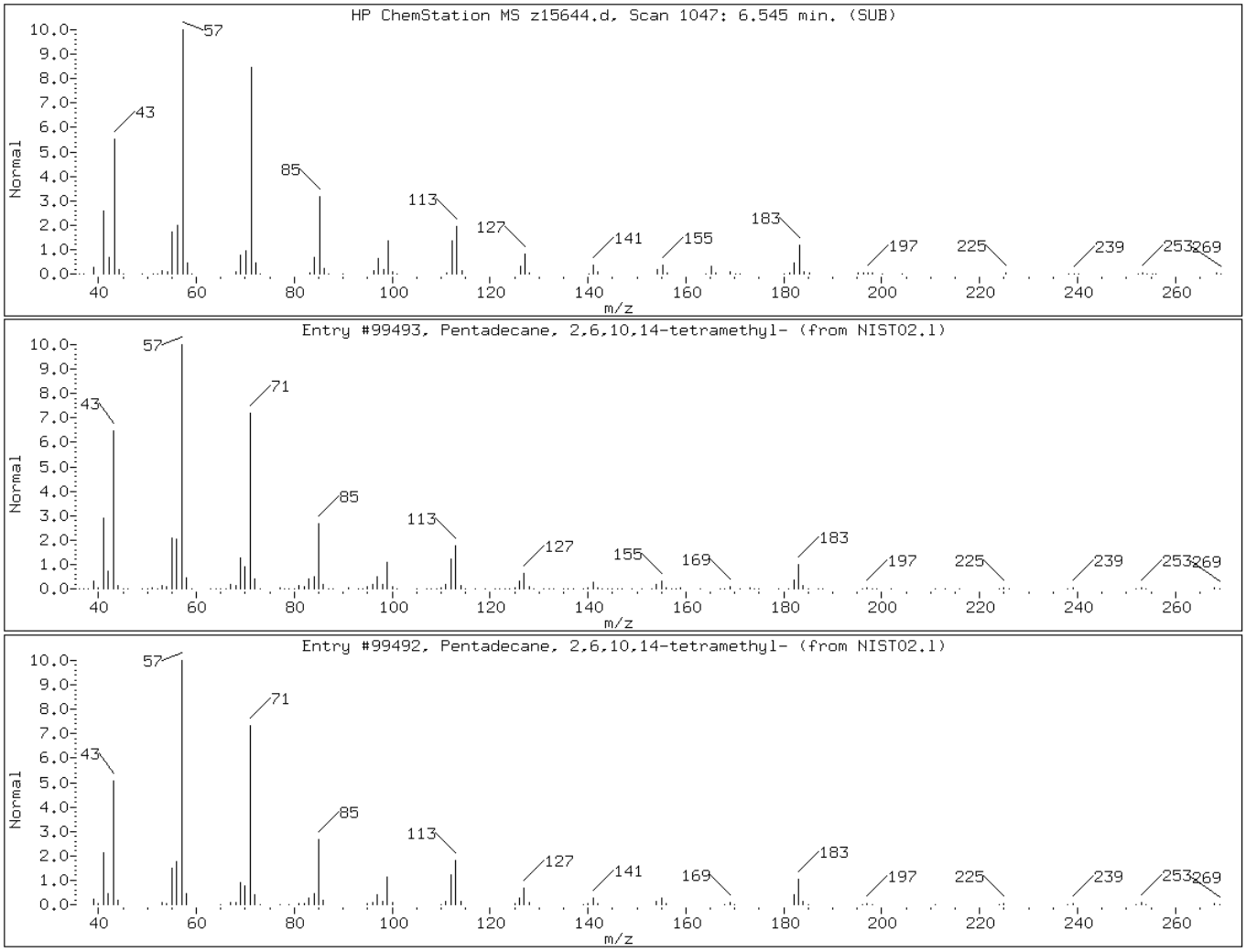
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 6.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	95	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	95	C19H40	268



Data File: z15644.d

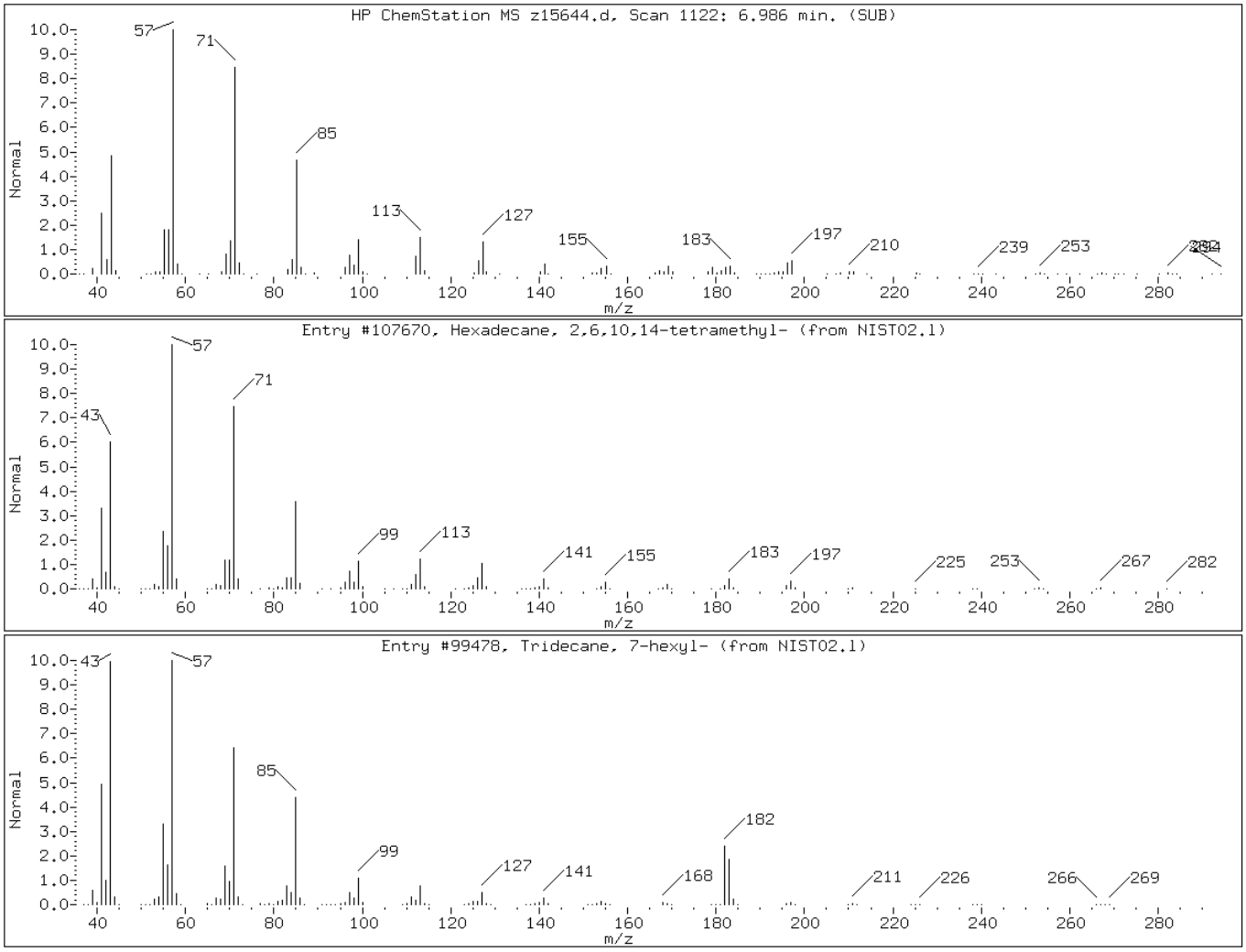
Date: 01-APR-2011 17:13

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAMS11.i

Sample Info: 460-24277-F-31-A Operator: BNAMS 4

Retention Time: 6.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	94	C20H42	282
Tridecane, 7-hexyl-	7225-66-3	NIST02.l	99478	93	C19H40	268



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 65875

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2011 13:23 Calibration End Date: 02/26/2011 15:56 Calibration ID: 9916

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-65875/4	p9567.d
Level 2	IC 460-65875/6	p9570.d
Level 3	IC 460-65875/7	p9569.d
Level 4	ICIS 460-65875/2	p9565.d
Level 5	IC 460-65875/5	p9568.d
Level 6	IC 460-65875/3	p9566.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.7131 0.7176	0.8049	0.7687	0.7070	0.6815	Ave		0.7321				6.2		15.0			
N-Nitrosodimethylamine	0.8741 0.8386	0.9503	0.9131	0.8457	0.8581	Ave		0.8800				4.9		15.0			
Pyridine	1.4467 1.4006	1.6153	1.5909	1.4489	1.4530	Ave		1.4926				5.9		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.0985	+++++	Ave		0.0985						15.0			
Benzaldehyde	0.8814 +++++	0.6762	0.4733	0.2711	0.1605	Ave		0.4925				59.6	*	15.0			
Phenol	1.8373 1.3717	1.8792	1.8105	1.5716	1.4499	Ave		1.6534				13.2		30.0			
Aniline	1.8961 1.6864	1.9938	1.9774	1.8010	1.7679	Ave		1.8538				6.6		15.0			
Bis(2-chloroethyl)ether	1.2836 1.2521	1.3933	1.3852	1.2788	1.2781	Ave		1.3118				4.7		15.0			
2-Chlorophenol	1.4073 1.1594	1.4806	1.4242	1.2686	1.2010	Ave		1.3235				10.0		15.0			
n-Decane	1.2879 1.3467	1.4304	1.3990	1.2872	1.2988	Ave		1.3417				4.6		15.0			
1,3-Dichlorobenzene	1.6398 1.5344	1.7626	1.6922	1.5928	1.5651	Ave		1.6312				5.2		15.0			
1,4-Dichlorobenzene	1.6587 1.5069	1.7157	1.7055	1.6034	1.5463	Ave		1.6227				5.3		30.0			
Benzyl alcohol	0.7713 0.7601	0.8345	0.8374	0.7695	0.7957	Ave		0.7947				4.3		15.0			
1,2-Dichlorobenzene	1.5143 1.3987	1.6308	1.5662	1.4832	1.4420	Ave		1.5058				5.6		15.0			
2-Methylphenol	1.1440 0.9498	1.2060	1.1546	1.0439	1.0081	Ave		1.0844				9.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 65875

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2011 13:23 Calibration End Date: 02/26/2011 15:56 Calibration ID: 9916

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,2'-oxybis[1-chloropropane]	1.4965 1.3603	1.6816	1.5938	1.4183	1.4514	Ave		1.5003				7.9		15.0			
Acetophenone	1.6547 1.4729	1.7154	1.6311	1.5973	1.4655	Ave		1.5895				6.3		15.0			
N-Nitrosodi-n-propylamine	0.8380 0.6367	0.8872	0.8462	0.8166	0.8047	Ave		0.8049			0.0500	10.8		15.0			
o-Toluidine	2.6373 2.6458	2.8426	2.6968	2.7452	2.6729	Ave		2.7068				2.8		15.0			
3 & 4 Methylphenol	1.1842 1.0324	0.9375	0.9131	1.0778	1.0235	Ave		1.0281				9.6		15.0			
4-Methylphenol	1.1842 1.0226	0.9375	0.9324	1.0726	1.0149	Ave		1.0274				9.1		15.0			
Hexachloroethane	0.5587 0.5976	0.6430	0.6246	0.6285	0.6008	Ave		0.6088				4.9		15.0			
Nitrobenzene	0.6225 0.4856	0.5573	0.5505	0.5442	0.5069	Ave		0.5445				8.7		15.0			
n,n'-Dimethylaniline	1.9424 1.7372	2.1519	2.0213	1.9336	1.8295	Ave		1.9360				7.5		15.0			
Isophorone	0.6247 0.6009	0.6503	0.6217	0.6262	0.6114	Ave		0.6225				2.7		15.0			
2-Nitrophenol	0.1742 0.2011	0.2070	0.2117	0.2085	0.2045	Ave		0.2012				6.8		30.0			
2,4-Dimethylphenol	0.3154 0.2766	0.3327	0.3224	0.3061	0.2859	Ave		0.3065				7.1		15.0			
Bis(2-chloroethoxy)methane	0.3952 0.3893	0.4201	0.4205	0.4064	0.4018	Ave		0.4056				3.2		15.0			
Benzoic acid	0.0632 0.1664	0.1220	0.1550	0.1787	0.1854	QuaF		5.2076	1.3676						0.9964		0.9900
2,4-Dichlorophenol	0.2846 0.2558	0.3079	0.3027	0.2838	0.2646	Ave		0.2832				7.2		30.0			
1,2,4-Trichlorobenzene	0.3568 0.3330	0.3735	0.3571	0.3540	0.3410	Ave		0.3526				4.0		15.0			
Naphthalene	1.1215 0.9358	1.1695	1.1231	1.0753	0.9954	Ave		1.0701				8.3		15.0			
4-Chloroaniline	0.4086 0.3728	0.4159	0.4054	0.4018	0.3982	Ave		0.4005				3.7		15.0			
Hexachlorobutadiene	0.1572 0.1689	0.1755	0.1749	0.1736	0.1706	Ave		0.1701				4.0		30.0			
Caprolactam	0.0673 0.0908	0.0813	0.0822	0.0875	0.0919	Ave		0.0835				10.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 65875

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2011 13:23 Calibration End Date: 02/26/2011 15:56 Calibration ID: 9916

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.2601 0.2495	0.2706	0.2679	0.2683	0.2586	Ave		0.2625				3.0		30.0			
2-Methylnaphthalene	0.6913 0.5969	0.6991	0.6899	0.6641	0.6273	Ave		0.6614				6.2		15.0			
1-Methylnaphthalene	0.6701 0.6240	0.7099	0.6821	0.6950	0.6411	Ave		0.6704				4.9		15.0			
Hexachlorocyclopentadiene	0.3418 0.3306	0.3109	0.3282	0.3392	0.3173	Ave		0.3280			0.0500	3.7		15.0			
1,2,4,5-Tetrachlorobenzene	0.5274 0.4761	0.5271	0.5405	0.5195	0.4914	Ave		0.5137				4.8		30.0			
2-tertbutyl-4-methylphenol	0.4405 0.4118	0.4705	0.4456	0.4464	0.4186	Ave		0.4389				4.8		15.0			
2,4,6-Trichlorophenol	0.3265 0.3205	0.3311	0.3467	0.3319	0.3236	Ave		0.3301				2.8		30.0			
2,4,5-Trichlorophenol	0.2977 0.3321	0.3655	0.3632	0.3420	0.3338	Ave		0.3391				7.3		15.0			
Diphenyl	1.5201 1.3384	1.5956	1.5654	1.5089	1.3481	Ave		1.4794				7.4		15.0			
2-Chloronaphthalene	1.1818 1.0870	1.2638	1.2261	1.1782	1.1023	Ave		1.1732				5.9		15.0			
Diphenyl ether	0.8117 0.7734	0.8591	0.8396	0.8320	0.7781	Ave		0.8157				4.2		15.0			
2-Nitroaniline	0.3282 0.3025	0.3987	0.3924	0.3837	0.3788	Ave		0.3640				10.8		15.0			
1,3-Dimethylnaphthalene	0.9225 0.9031	0.9880	0.9269	0.9874	0.8951	Ave		0.9372				4.4		15.0			
Dimethyl phthalate	1.1247 1.1153	1.2205	1.2058	1.1670	1.1539	Ave		1.1645				3.6		15.0			
Coumarin	0.1735 0.1911	0.1969	0.1911	0.1914	0.1962	Ave		0.1900				4.5		15.0			
2,6-Dinitrotoluene	0.2194 0.2857	0.2818	0.2891	0.2896	0.2917	Ave		0.2762				10.2		15.0			
Acenaphthylene	1.8615 1.5963	1.9208	1.8523	1.7663	1.6640	Ave		1.7769				7.1		15.0			
3-Nitroaniline	0.2873 0.2991	0.3101	0.3049	0.2984	0.3095	Ave		0.3015				2.8		15.0			
3,5-di-tert-butyl-4-hydroxytol	0.9604 0.8738	0.8949	0.9359	0.9573	0.8689	Ave		0.9152				4.5		15.0			
Acenaphthene	1.0870 0.9233	1.1653	1.1154	1.0610	0.9673	Ave		1.0532				8.7		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 65875

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2011 13:23 Calibration End Date: 02/26/2011 15:56 Calibration ID: 9916

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,4-Dinitrophenol	0.0825 0.1506	0.1014	0.1222	0.1351	0.1539	QuaF		7.8696	-3.011		0.0500				0.9938		0.9900
4-Nitrophenol	0.1659 0.1873	0.1743	0.1855	0.1730	0.1964	Ave		0.1804			0.0500	6.2		15.0			
2,4-Dinitrotoluene	0.3190 0.3432	0.3566	0.3603	0.3494	0.3566	Ave		0.3475				4.4		15.0			
Dibenzofuran	1.6359 1.3858	1.6998	1.6205	1.5610	1.4665	Ave		1.5616				7.5		15.0			
1-Naphthylamine	1.0450 0.7956	1.0546	0.9830	0.8895	0.8503	Ave		0.9364				11.4		30.0			
2,3,4,6-Tetrachlorophenol	0.2232 0.2367	0.2355	0.2465	0.2288	0.2465	Ave		0.2362				4.0		30.0			
2-Naphthylamine	1.0947 0.8958	1.1326	1.0599	0.9814	0.9129	Ave		1.0129				9.7		15.0			
Diethyl phthalate	1.0362 1.0792	1.1294	1.1090	1.0895	1.1023	Ave		1.0909				2.9		15.0			
Fluorene	1.2214 1.0697	1.3167	1.2535	1.2074	1.1305	Ave		1.1999				7.3		15.0			
4-Chlorophenyl phenyl ether	0.5384 0.4900	0.5696	0.5495	0.5304	0.5082	Ave		0.5310				5.4		15.0			
4-Nitroaniline	0.2605 0.2864	0.2907	0.2912	0.2675	0.3064	Ave		0.2838				6.0		15.0			
4,6-Dinitro-2-methylphenol	0.1036 0.1442	0.1157	0.1342	0.1315	0.1432	Ave		0.1287				12.5		15.0			
N-Nitrosodiphenylamine	0.5757 0.5523	0.6198	0.6108	0.5836	0.5648	Ave		0.5845				4.5		30.0			
1,2-Diphenylhydrazine	1.0431 0.9603	1.0985	1.0652	1.0377	0.9767	Ave		1.0303				5.1		15.0			
4-Bromophenyl phenyl ether	0.1998 0.2098	0.2207	0.2230	0.2169	0.2089	Ave		0.2132				4.1		15.0			
Hexachlorobenzene	0.2326 0.2195	0.2318	0.2331	0.2247	0.2152	Ave		0.2262				3.4		15.0			
Atrazine	0.1954 0.1978	0.2042	0.1963	0.2001	0.1928	Ave		0.1978				2.0		15.0			
Pentachlorophenol	0.0940 0.1333	0.1140	0.1248	0.1249	0.1338	Ave		0.1208				12.4		30.0			
n-Octadecane	0.4856 0.4998	0.5303	0.5294	0.5364	0.4862	Ave		0.5113				4.6		15.0			
Phenanthrene	1.1788 1.0747	1.2482	1.1959	1.1723	1.1093	Ave		1.1632				5.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 65875

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2011 13:23 Calibration End Date: 02/26/2011 15:56 Calibration ID: 9916

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Anthracene	1.2166 1.0902	1.2748	1.2353	1.1582	1.1175	Ave		1.1821				6.1		15.0			
Carbazole	1.0545 1.0017	1.1363	1.0882	1.0467	1.0263	Ave		1.0590				4.5		15.0			
Di-n-butyl phthalate	1.1360 1.1650	1.2593	1.2554	1.2095	1.2096	Ave		1.2058				4.0		15.0			
Fluoranthene	1.0328 1.0106	1.0975	1.0779	1.0077	1.0330	Ave		1.0433				3.5		30.0			
Benzidine	0.2484 +++++	0.3445	0.2668	0.1215	0.1532	Ave		0.2269				39.7	*	15.0			
Pyrene	1.4561 1.4147	1.5021	1.4973	1.4903	1.3724	Ave		1.4555				3.6		15.0			
Butyl benzyl phthalate	0.5958 0.6847	0.6442	0.6599	0.6909	0.6684	Ave		0.6573				5.3		15.0			
Carbamazepine	0.3348 0.5927	0.4578	0.4940	0.5696	0.5532	QuaF		1.9323	-0.137						0.9991		0.9900
3,3'-Dichlorobenzidine	0.3592 0.3507	0.3920	0.3901	0.3599	0.3557	Ave		0.3679				4.9		15.0			
Benzo[a]anthracene	1.4014 1.0794	1.1255	1.1017	1.1053	1.0767	Ave		1.1483				10.9		15.0			
Chrysene	1.0331 0.9706	1.0821	1.0612	1.0304	0.9764	Ave		1.0256				4.4		15.0			
Bis(2-ethylhexyl) phthalate	0.8344 0.8805	0.9079	0.8927	0.9203	0.8749	Ave		0.8851				3.4		15.0			
Di-n-octyl phthalate	1.4389 1.5727	1.5769	1.6414	1.7184	1.5909	Ave		1.5899				5.8		30.0			
Benzo[b]fluoranthene	0.9651 1.1749	1.2244	1.1861	1.2570	1.2113	Ave		1.1698				8.9		15.0			
Benzo[k]fluoranthene	1.3351 1.2292	1.3242	1.3111	1.2813	1.2476	Ave		1.2881				3.3		15.0			
Benzo[a]pyrene	0.7415 1.0518	1.0607	1.0695	1.0791	1.0857	Ave		1.0147				13.2		30.0			
Indeno[1,2,3-cd]pyrene	0.7439 1.1840	0.9375	0.9293	1.0838	1.1397	QuaF		0.9775	-0.038						0.9995		0.9900
Dibenz(a,h)anthracene	0.7656 1.1095	0.9899	0.9901	1.0853	1.0750	Ave		1.0026				12.6		15.0			
Benzo[g,h,i]perylene	0.9451 1.1655	1.0271	1.0119	1.0927	1.1273	Ave		1.0616				7.7		15.0			
2-Fluorophenol	1.2753 1.1556	1.4062	1.3654	1.2219	1.1719	Ave		1.2660				8.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 65875

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2011 13:23 Calibration End Date: 02/26/2011 15:56 Calibration ID: 9916

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenol-d5	1.5257 1.2770	1.6120	1.5345	1.3709	1.3077	Ave		1.4380				9.6		15.0			
Nitrobenzene-d5	0.3772 0.3917	0.3926	0.3878	0.3990	0.3775	Ave		0.3877				2.3		15.0			
2-Fluorobiphenyl	1.3562 1.2395	1.3708	1.3330	1.3064	1.2285	Ave		1.3057				4.6		15.0			
2,4,6-Tribromophenol	0.1205 0.1432	0.1392	0.1402	0.1366	0.1390	Ave		0.1364				5.9		15.0			
Terphenyl-d14	0.8646 0.9032	0.8804	0.8853	0.9116	0.8295	Ave		0.8791				3.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 65875

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2011 13:23 Calibration End Date: 02/26/2011 15:56 Calibration ID: 9916

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-65875/4	p9567.d
Level 2	IC 460-65875/6	p9570.d
Level 3	IC 460-65875/7	p9569.d
Level 4	ICIS 460-65875/2	p9565.d
Level 5	IC 460-65875/5	p9568.d
Level 6	IC 460-65875/3	p9566.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	29818 672870	68488	135848	317327	447189	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	36549 786293	80860	161376	379588	563103	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	60491 1313266	137433	281157	650300	953455	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	609	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	36856 +++++	57532	83640	121675	105293	5.00 +++++	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	76823 1286166	159891	319977	705358	951393	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	79282 1581246	169644	349477	808357	1160046	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	5367 1173967	118547	244812	573970	838652	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	58844 1087082	125972	251695	569373	788083	5.00 120	10.0	20.0	50.0	80.0
n-Decane	DCB	Ave	53852 1262710	121704	247243	577735	852244	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	68565 1438719	149968	299070	714895	1027005	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	69357 1412883	145977	301414	719671	1014644	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	32250 712699	71006	147994	345372	522098	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	63317 1311423	138756	276804	665683	946194	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	47834 890542	102616	204055	468548	661534	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	62574 1275471	143077	281677	636580	952417	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 65875

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2011 13:23 Calibration End Date: 02/26/2011 15:56 Calibration ID: 9916

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetophenone	DCB	Ave	69189 1380994	145956	288264	716923	961630	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	3504 596984	75484	149544	366497	528065	0.500 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	110276 2480753	241860	476616	1232137	1753915	5.00 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	49515 968045	79766	161372	483727	671591	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	49515 958837	79766	164790	481433	665984	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2336 560296	54710	110393	282072	394209	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	8911 1461198	160777	320268	791996	1086378	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	8122 1628899	183096	357224	867837	1200469	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	89429 1808175	187611	361651	911436	1310465	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	24938 605128	59702	123165	303446	438210	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	45144 832203	95988	187584	445564	612854	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	56575 1171613	121197	244598	591516	861120	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	9054 500814	35189	90178	260058	397255	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	40746 769739	88811	176074	413044	567003	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	5107 1002043	107758	207735	515267	730923	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	160540 2815951	337381	653338	1565010	2133419	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	58497 1121704	119985	235844	584867	853503	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	4501 508259	50633	101766	252595	365656	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	9629 273235	23460	47847	127313	196966	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	37227 750842	78060	155858	390490	554252	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	98962 1796122	201674	401319	966545	1344504	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 65875

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2011 13:23 Calibration End Date: 02/26/2011 15:56 Calibration ID: 9916

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Methylnaphthalene	NPT	Ave	95930 1877649	204798	396822	1011500	1373963	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	24829 494973	45534	94842	249402	352502	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	38316 712935	77198	156199	381988	545913	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	63060 1239333	135741	259228	649699	897159	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	23721 479890	48488	100209	244051	359518	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	21625 497200	53526	104982	251526	370880	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	110428 2003925	233680	452422	1109607	1497746	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	85853 1627558	185093	354350	866360	1224684	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	58966 1158067	125813	242670	611798	864496	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	47684 452868	58388	113396	282187	420901	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ANT	Ave	67018 1352169	144694	267888	726104	994490	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	81707 1669939	178752	348481	858154	1282076	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	24835 575024	56811	111156	278534	420397	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	3188 427713	41276	83568	212988	324112	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	135229 2390190	281308	535347	1298870	1848719	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	41737 447892	45413	88123	219417	343857	10.0 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	69767 1308327	131059	270477	703947	965405	5.00 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	78966 1382525	170666	322378	780184	1074729	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	17979 225540	29693	52959	99317	171044	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	Ave	36160 280508	51052	80428	127181	218158	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	4635 513937	52224	104139	256907	396224	1.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 65875

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2011 13:23 Calibration End Date: 02/26/2011 15:56 Calibration ID: 9916

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibenzofuran	ANT	Ave	118839 2074989	248948	468343	1147860	1629376	5.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	Ave	75916 1191303	154458	284114	654118	944756	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	16213 354477	34486	71245	168279	273846	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	79525 1341301	165878	306317	721693	1014239	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	75273 1615813	165403	320524	801180	1224746	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	88731 1601617	192840	362272	887870	1256071	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	39111 733669	83415	158825	390025	564633	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	37849 428797	42573	84169	196732	340442	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	28649 279786	44052	74710	121269	212792	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	53081 1071475	118034	226697	538250	839491	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	96177 1862973	209204	395391	957106	1451741	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	18422 407039	42028	82776	200010	310549	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2145 425825	44150	86534	207266	319897	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	18014 383796	38889	72863	184587	286600	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	25991 258579	43412	69479	115218	198880	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	44770 969608	100990	196513	494757	722622	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	108693 2084935	237706	443885	1081225	1648879	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	112176 2115010	242767	458511	1068277	1660984	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	97233 1943308	216399	403908	965440	1525451	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	104740 2260003	239824	465992	1115608	1797959	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	95226 1960484	209006	400110	929477	1535475	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 65875

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2011 13:23 Calibration End Date: 02/26/2011 15:56 Calibration ID: 9916

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzidine	PHN	Ave	22902 +++++	131200	148543	112021	227756	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	97278 1975250	214364	402195	921523	1540996	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	39804 956003	91941	177260	427242	750557	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	QuaF	22368 827557	65329	132703	352222	621161	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	47998 489655	111885	157166	222573	399399	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	9362 1507116	160617	295936	683471	1208952	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	69021 1355100	154424	285043	637138	1096427	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	55745 1229379	129573	239783	569050	982439	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	76379 1933301	183836	360616	866390	1500484	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	5123 1444249	142745	260596	633778	1142402	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	7087 1511048	154379	288062	645998	1176697	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	3936 1292925	123656	234969	544081	1023936	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	3949 1455455	109294	204166	546424	1074900	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	4064 1363846	115405	217522	547200	1013868	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	50168 1432637	119737	222310	550940	1063165	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	53324 1083482	119646	241305	548412	768982	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	63795 1197348	137153	271191	615278	858104	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	54002 1178820	113261	225589	580778	809097	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	98520 1855849	200759	385259	960688	1364936	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	8754 214449	20381	40515	100419	154456	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	57764 1261044	125637	237785	563718	931397	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 65875

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2011 13:23 Calibration End Date: 02/26/2011 15:56 Calibration ID: 9916

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68049/4	z15279.d
Level 2	IC 460-68049/7	z15282.d
Level 3	IC 460-68049/6	z15281.d
Level 4	ICIS 460-68049/2	z15277.d
Level 5	IC 460-68049/5	z15280.d
Level 6	IC 460-68049/3	z15278.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.3877 0.5699	0.3756	0.3275	0.3751	0.4654	QuaF		2.8054	-0.620						0.9980		0.9900
N-Nitrosodimethylamine	0.7712 0.8062	0.8764	0.7732	0.8107	0.7933	Ave		0.8052				4.8		15.0			
Pyridine	1.4492 1.3798	1.5594	1.4438	1.4254	1.4160	Ave		1.4456				4.2		15.0			
Benzaldehyde	1.0694 +++++	0.5357	0.3527	0.3402	0.0939	Ave		0.4784				76.5	*	15.0			
Aniline	2.0490 1.6042	2.0521	1.9417	1.8497	1.8089	Ave		1.8843				9.0		15.0			
Phenol	1.7463 1.3789	1.7882	1.6591	1.4256	1.2224	Ave		1.5368				14.8		30.0			
Bis(2-chloroethyl)ether	1.7091 1.4608	1.4213	1.3653	1.3139	1.2010	Ave		1.4119				12.1		15.0			
2-Chlorophenol	1.5196 1.1335	1.5192	1.4253	1.2857	1.1713	Ave		1.3424				12.7		15.0			
Decane	1.5514 1.4667	1.4949	1.4775	1.4858	1.3923	Ave		1.4781				3.5		15.0			
1,3-Dichlorobenzene	1.6975 1.6639	1.7648	1.6706	1.6559	1.5665	Ave		1.6699				3.9		15.0			
1,4-Dichlorobenzene	1.7236 1.6229	1.7541	1.6802	1.6345	1.5242	Ave		1.6566				5.0		30.0			
1,2-Dichlorobenzene	1.6263 1.5289	1.6621	1.5740	1.5483	1.4653	Ave		1.5675				4.5		15.0			
Benzyl alcohol	0.7781 0.7421	0.8157	0.8166	0.7397	0.7743	Ave		0.7777				4.3		15.0			
2,2'-oxybis[1-chloropropane]	1.7526 1.6452	1.7840	1.7022	1.7026	1.5868	Ave		1.6956				4.2		15.0			
2-Methylphenol	1.2907 0.9670	1.2673	1.1897	1.0984	1.0255	Ave		1.1398				11.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.8122 1.4974	1.7564	1.7007	1.5973	1.5093	Ave		1.6456				8.0		15.0			
o-Toluidine	1.6642 1.2320	1.6011	1.4949	1.3257	1.2490	Ave		1.4278				13.0		15.0			
N-Nitrosodi-n-propylamine	0.9373 0.7327	0.9269	0.8752	0.8121	0.7429	Ave		0.8379			0.0500	10.7		15.0			
Hexachloroethane	0.6236 0.5603	0.6379	0.6206	0.6173	0.5616	Ave		0.6036				5.6		15.0			
3 & 4 Methylphenol	1.2775 0.8597	1.2783	1.2004	1.0700	0.9695	QuaF		0.6957	0.1794						0.9998		0.9900
4-Methylphenol	1.2588 0.8597	1.2585	1.1909	1.0634	0.9695	Ave		1.1001				14.9		15.0			
Nitrobenzene	0.5845 0.5162	0.6016	0.5761	0.5585	0.5045	Ave		0.5569				7.0		15.0			
n,n'-Dimethylaniline	2.0707 1.7855	2.1406	2.0237	1.9136	1.8216	Ave		1.9593				7.2		15.0			
Isophorone	0.6480 0.6226	0.6513	0.6269	0.6253	0.6122	Ave		0.6311				2.4		15.0			
2-Nitrophenol	0.2045 0.2113	0.2101	0.2110	0.2107	0.2091	Ave		0.2094				1.2		30.0			
2,4-Dimethylphenol	0.3411 0.2815	0.3427	0.3223	0.3034	0.2858	Ave		0.3128				8.6		15.0			
Bis(2-chloroethoxy)methane	0.3945 0.4037	0.4252	0.4066	0.4049	0.3911	Ave		0.4043				3.0		15.0			
2,4-Dichlorophenol	0.3006 0.2557	0.3073	0.2948	0.2764	0.2626	Ave		0.2829				7.5		30.0			
Benzoic acid	0.0837 0.1531	0.1130	0.1130	0.1256	0.1415	QuaF		8.4482	-4.242						0.9994		0.9900
1,2,4-Trichlorobenzene	0.3631 0.3556	0.3698	0.3570	0.3556	0.3446	Ave		0.3576				2.4		15.0			
Naphthalene	1.1465 1.0450	1.1714	1.1200	1.0754	1.0195	Ave		1.0963				5.4		15.0			
4-Chloroaniline	0.3890 0.3539	0.3938	0.3658	0.3552	0.3603	Ave		0.3697				4.7		15.0			
Hexachlorobutadiene	0.2012 0.2101	0.2137	0.2049	0.2073	0.2015	Ave		0.2065				2.4		30.0			
Caprolactam	0.0515 0.0616	0.0578	0.0634	0.0642	0.0618	Ave		0.0601				7.9		15.0			
4-Chloro-3-methylphenol	0.2597 0.2061	0.2626	0.2462	0.2375	0.2171	Ave		0.2382				9.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methylnaphthalene	0.6496 0.6035	0.6740	0.6297	0.6142	0.6008	Ave		0.6286				4.6		15.0			
1-Methylnaphthalene	0.6674 0.5656	0.6517	0.6231	0.5992	0.5763	Ave		0.6139				6.7		15.0			
1,2,4,5-Tetrachlorobenzene	0.7319 0.6915	0.7294	0.7331	0.7008	0.6571	Ave		0.7073				4.3		30.0			
Hexachlorocyclopentadiene	0.3721 0.4436	0.3481	0.3769	0.4100	0.4088	Ave		0.3933			0.0500	8.7		15.0			
2-tertbutyl-4-methylphenol	0.4227 0.3369	0.4137	0.3978	0.3769	0.3489	Ave		0.3828				9.1		15.0			
2,4,6-Trichlorophenol	0.4035 0.4000	0.4061	0.4069	0.3899	0.3820	Ave		0.3981				2.5		30.0			
2,4,5-Trichlorophenol	0.4092 0.3940	0.4234	0.4077	0.3971	0.3888	Ave		0.4034				3.1		15.0			
2-Chloronaphthalene	1.2742 1.1845	1.3364	1.2817	1.2194	1.1487	Ave		1.2408				5.6		15.0			
Diphenyl	1.7180 1.4937	1.7201	1.6765	1.5773	1.4396	Ave		1.6042				7.5		15.0			
Diphenyl ether	0.8832 0.9001	0.9385	0.9026	0.9120	0.8713	Ave		0.9013				2.6		15.0			
2-Nitroaniline	0.3475 0.3886	0.4027	0.3955	0.3850	0.3795	Ave		0.3831				5.0		15.0			
1,3-Dimethylnaphthalene	1.0611 0.9567	1.0433	1.0338	1.0062	0.9393	Ave		1.0067				4.9		15.0			
Coumarin	0.1394 0.1407	0.1436	0.1445	0.1411	0.1441	Ave		0.1422				1.5		15.0			
Dimethyl phthalate	1.0369 1.1298	1.1418	1.0993	1.0935	1.0936	Ave		1.0992				3.3		15.0			
Acenaphthylene	1.9363 1.7699	1.9799	1.8657	1.8099	1.7133	Ave		1.8458				5.5		15.0			
2,6-Dinitrotoluene	0.2031 0.2650	0.2564	0.2476	0.2448	0.2444	Ave		0.2435				8.8		15.0			
3-Nitroaniline	0.2313 0.2622	0.2475	0.2490	0.2389	0.2454	Ave		0.2457				4.2		15.0			
Acenaphthene	1.0961 1.0484	1.1532	1.0981	1.0614	1.0265	Ave		1.0806				4.2		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.1254 1.0726	1.0811	1.0950	1.0977	1.0600	Ave		1.0886				2.1		15.0			
2,4-Dinitrophenol	0.0562 0.1529	0.0722	0.0905	0.1087	0.1403	QuaF		9.8939	-7.590		0.0500				0.9911		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibenzofuran	1.5773 1.5592	1.6540	1.5468	1.5418	1.4879	Ave		1.5612				3.5		15.0			
4-Nitrophenol	0.1049 0.1796	0.1182	0.1366	0.1428	0.1677	QuaF		7.4841	-3.669		0.0500				0.9972		0.9900
2,4-Dinitrotoluene	0.2468 0.3047	0.2856	0.2924	0.2829	0.2950	Ave		0.2846				7.0		15.0			
1-Naphthylamine	0.9621 0.7536	0.8768	0.8227	0.6780	0.7448	Ave		0.8063				12.7		30.0			
2,3,4,6-Tetrachlorophenol	0.2652 0.2794	0.2766	0.2799	0.2623	0.2831	Ave		0.2744				3.1		30.0			
2-Naphthylamine	0.9373 0.7673	0.9567	0.8560	0.6576	0.7488	Ave		0.8206				14.2		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1814	+++++	Ave		0.1814						15.0			
Diethyl phthalate	0.8670 0.9618	0.9477	0.9262	0.9275	0.9262	Ave		0.9261				3.5		15.0			
Fluorene	1.1863 1.1446	1.2434	1.1911	1.1468	1.1107	Ave		1.1705				4.0		15.0			
4-Chlorophenyl phenyl ether	0.5843 0.6008	0.6085	0.5831	0.5902	0.5779	Ave		0.5908				2.0		15.0			
4-Nitroaniline	0.1616 0.1945	0.1644	0.1863	0.1740	0.1871	Ave		0.1780				7.5		15.0			
4,6-Dinitro-2-methylphenol	0.0917 0.1619	0.1019	0.1158	0.1286	0.1564	QuaF		8.2677	-4.524						0.9945		0.9900
N-Nitrosodiphenylamine	0.6150 0.5968	0.6298	0.5972	0.6025	0.6012	Ave		0.6071				2.1		30.0			
1,2-Diphenylhydrazine	1.1077 1.1854	1.2132	1.1521	1.1886	1.1553	Ave		1.1671				3.2		15.0			
4-Bromophenyl phenyl ether	0.2576 0.2838	0.2743	0.2612	0.2706	0.2684	Ave		0.2693				3.5		15.0			
Hexachlorobenzene	0.3039 0.3024	0.3006	0.2885	0.2969	0.2957	Ave		0.2980				1.9		15.0			
Atrazine	0.1840 0.2162	0.1806	0.1865	0.2046	0.2134	Ave		0.1975				8.0		15.0			
Pentachlorophenol	0.1198 0.1834	0.1257	0.1355	0.1481	0.1750	QuaF		7.1814	-3.272						0.9967		0.9900
Phenanthrene	1.1470 1.1276	1.1838	1.1199	1.1219	1.1028	Ave		1.1338				2.5		15.0			
n-Octadecane	0.5922 0.5806	0.6129	0.6014	0.6440	0.5874	Ave		0.6031				3.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Anthracene	1.1506 1.1306	1.2074	1.1514	1.1391	1.1143	Ave		1.1489				2.8		15.0			
Carbazole	0.8012 0.8842	0.8707	0.8341	0.8239	0.8362	Ave		0.8417				3.6		15.0			
Di-n-butyl phthalate	0.8367 1.0603	0.9171	0.9345	0.9780	1.0210	Ave		0.9579				8.3		15.0			
Fluoranthene	0.8273 0.9530	0.8784	0.8595	0.8680	0.8904	Ave		0.8794				4.8		30.0			
Benzidine	0.0704 +++++	0.1620	0.0942	0.0296	0.0223	Ave		0.0757				74.7	*	15.0			
Pyrene	1.6916 1.5505	1.7361	1.6108	1.5804	1.5541	Ave		1.6206				4.7		15.0			
Butyl benzyl phthalate	0.4387 0.5650	0.4995	0.5063	0.5416	0.5420	Ave		0.5155				8.7		15.0			
Carbamazepine	0.3011 0.4427	0.3300	0.3784	0.4235	0.4123	Ave		0.3813				14.6		15.0			
Benzo[a]anthracene	1.3160 1.1164	1.0068	0.9963	1.0615	1.0374	Ave		1.0891				10.9		15.0			
3,3'-Dichlorobenzidine	0.3042 0.3348	0.3333	0.3355	0.3222	0.3233	Ave		0.3256				3.7		15.0			
Chrysene	1.0125 1.0575	1.1737	1.0866	1.0763	1.0510	Ave		1.0763				5.0		15.0			
Bis(2-ethylhexyl) phthalate	0.5182 0.7428	0.5991	0.6212	0.6957	0.7091	Ave		0.6477				12.9		15.0			
Di-n-octyl phthalate	0.7705 1.3203	0.9290	1.0340	1.2775	1.3011	QuaF		0.8302	-0.019						0.9991		0.9900
Benzo[b]fluoranthene	0.9435 1.1780	1.1339	1.0099	1.1266	1.2328	Ave		1.1041				9.8		15.0			
Benzo[k]fluoranthene	1.1865 1.4447	1.2518	1.4382	1.4054	1.2688	Ave		1.3326				8.3		15.0			
Benzo[a]pyrene	0.6833 1.0696	0.8278	0.9034	1.0072	0.9889	QuaF		1.0901	-0.048						0.9994		0.9900
Indeno[1,2,3-cd]pyrene	0.6851 1.0065	0.6332	0.7078	0.9216	0.8799	QuaF		1.2664	-0.090						0.9977		0.9900
Dibenz(a,h)anthracene	0.4742 1.0486	0.7716	0.7787	0.9220	0.8856	QuaF		1.2683	-0.099						0.9983		0.9900
Benzo[g,h,i]perylene	0.8101 1.1113	0.9348	0.9403	1.0264	1.0091	Ave		0.9720				10.5		15.0			
2-Fluorophenol	1.3212 1.1088	1.3600	1.3052	1.1766	1.1926	Ave		1.2441				7.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenol-d5	1.6483 1.2124	1.6301	1.5126	1.3582	1.3467	Ave		1.4514				12.0		15.0			
Nitrobenzene-d5	0.4315 0.4081	0.4307	0.4233	0.4216	0.3991	Ave		0.4191				3.1		15.0			
2-Fluorobiphenyl	1.6427 1.5304	1.6386	1.5746	1.5510	1.4730	Ave		1.5684				4.2		15.0			
2,4,6-Tribromophenol	0.1558 0.1742	0.1689	0.1663	0.1553	0.1804	Ave		0.1668				6.0		15.0			
Terphenyl-d14	1.1187 1.0695	1.0754	1.0558	1.0813	1.0734	Ave		1.0790				2.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68049/4	z15279.d
Level 2	IC 460-68049/7	z15282.d
Level 3	IC 460-68049/6	z15281.d
Level 4	ICIS 460-68049/2	z15277.d
Level 5	IC 460-68049/5	z15280.d
Level 6	IC 460-68049/3	z15278.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	QuaF	16983 445665	32863	52461	154220	296117	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	33783 630443	76683	123843	333301	504714	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	63485 1078939	136437	231256	586003	900888	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	46849 +++++	46867	56489	139856	59764	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	89761 1254409	179544	311005	760433	1150860	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	76502 1078222	156461	265748	586070	777733	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	7487 1142315	124360	218688	540143	764081	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	66568 886327	132926	228292	528563	745223	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	67963 1146893	130796	236654	610827	885832	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	74361 1301130	154414	267586	680751	996648	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	75507 1269073	153471	269123	671966	969714	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	71242 1195578	145423	252109	636535	932218	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	34086 580305	71369	130792	304095	492594	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	76775 1286508	156088	272656	699952	1009534	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	56541 756148	110879	190559	451555	652460	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	79389 1170946	153679	272415	656675	960217	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
o-Toluidine	DCB	Ave	72903 963427	140086	239453	545026	794654	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	4106 572965	81100	140181	333845	472669	0.500 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2732 438153	55809	99409	253797	357330	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	QuaF	55963 672269	111847	192282	439906	616815	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	55145 672269	110113	190757	437171	616815	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	8727 1264545	177213	306158	744854	1043012	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	9071 1396200	187289	324151	786707	1158924	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	96755 1525411	191867	333148	833868	1265738	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	30527 517724	61882	112117	281013	432225	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	50936 689639	100947	171300	404576	590880	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	58901 988978	125251	216086	539975	808514	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	44888 626469	90521	156649	368562	542851	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	12494 374962	33272	60027	167491	292470	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	5421 871163	108936	189749	474271	712420	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	171191 2560231	345044	595228	1434236	2107907	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	58080 867095	116002	194405	473640	745000	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	6007 514732	62954	108915	276469	416664	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	7687 150881	17030	33711	85671	127797	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	38773 504909	77347	130863	316759	448802	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	96988 1478497	198534	334649	819047	1242203	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	99646 1385697	191982	331125	799063	1191435	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	47849 697060	92276	167338	393631	580644	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	24327 447183	44041	86027	230299	361280	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	63106 825282	121860	211425	502603	721346	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	26382 403189	51371	92873	218975	337580	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	26754 397096	53568	93069	223019	343608	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	83300 1193945	169064	292565	684856	1015137	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	112318 1505652	217605	382675	885919	1272160	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	57739 907261	118730	206036	512240	769924	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	45442 391660	50948	90273	216239	335344	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ANT	Ave	69371 964370	131985	235976	565138	830076	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	20810 344774	42301	76769	188238	298020	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	67790 1138856	144442	250939	614151	966406	5.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	126591 1784039	250472	425859	1016543	1514056	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	2655 267070	32437	56519	137508	216006	1.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	30245 264286	31311	56846	134185	216848	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	71658 1056805	145894	250657	596112	907098	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	73577 1081167	136765	249937	616539	936743	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	11029 154088	18280	30982	61049	123971	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	103120 1571596	209245	353067	865959	1314849	5.00 120	10.0	20.0	50.0	80.0
4-Nitrophenol	ANT	QuaF	20579 181075	29901	46781	80223	148179	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	3227 307153	36130	66751	158912	260658	1.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Naphthylamine	ANT	Ave	62897 759662	110918	187791	380799	658146	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	17339 281645	34997	63880	147346	250215	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	61278 773382	121024	195384	369322	661674	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	619	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Diethyl phthalate	ANT	Ave	56680 969450	119895	211416	520938	818474	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	77554 1153744	157298	271893	644109	981498	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	38198 605642	76979	133090	331473	510659	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	21134 196074	20794	42524	97723	165310	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	QuaF	20553 188179	29109	45786	80438	159639	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	45943 693770	89959	157423	376835	613598	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	82747 1377960	173295	303702	743427	1179163	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	19240 329858	39173	68841	169259	273991	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2270 351468	42935	76058	185696	301834	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	13746 251268	25800	49153	127969	217763	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	26851 213213	35903	53563	92616	178642	15.0 120	20.0	30.0	50.0	80.0
Phenanthrene	PHN	Ave	85678 1310808	169090	295210	701753	1125572	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	44239 674934	87544	158521	402823	599545	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	85950 1314243	172466	303510	712465	1137295	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	59847 1027761	124371	219857	515324	853509	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	62504 1232522	130994	246323	611700	1042105	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	61801 1107820	125473	226563	542937	908779	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzidine	PHN	Ave	5259 +++++	46284	37234	18544	22753	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	62856 1077167	126692	223604	539178	889720	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	16300 392517	36452	70287	184772	310310	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	11187 307558	24082	52534	144495	236024	5.00 120	10.0	20.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	4890 775582	73473	138308	362160	593924	0.500 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	22605 232614	48647	69860	109935	185078	10.0 120	20.0	30.0	50.0	80.0
Chrysene	CRY	Ave	37621 734659	85647	150843	367211	601686	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	19254 516016	43721	86239	237349	405964	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	QuaF	20670 734279	50520	109022	343098	558029	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	2531 655180	61666	106483	302571	528733	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	3183 803491	68079	151644	377452	544191	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	QuaF	1833 594878	45020	95250	270499	424147	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	1838 559802	34435	74625	247521	377408	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	1272 583212	41960	82103	247620	379851	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	21732 618077	50839	99144	275666	432789	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	57879 867045	118992	209068	483692	758721	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	72209 948084	142628	242278	558368	856801	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	64424 999865	126863	224975	562283	825108	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	107395 1542588	207291	359426	871119	1301703	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	10183 175624	21371	37950	87197	159414	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	41568 742976	78476	146558	368920	614560	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68049

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 11:14 Calibration End Date: 03/21/2011 13:13 Calibration ID: 10213

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 67964

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 05:47 Calibration End Date: 03/18/2011 07:36 Calibration ID: 10194

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-67964/4	u66242.d
Level 2	IC 460-67964/7	u66245.d
Level 3	IC 460-67964/6	u66244.d
Level 4	ICIS 460-67964/2	u66240.d
Level 5	IC 460-67964/5	u66243.d
Level 6	IC 460-67964/3	u66241.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.4599 0.5052	0.4734	0.4125	0.4469	0.4460	Ave		0.4573				6.8		15.0			
N-Nitrosodimethylamine	0.6131 0.7162	0.7688	0.7277	0.6874	0.6551	Ave		0.6947				8.0		15.0			
Pyridine	0.9700 1.0995	1.1579	1.0791	1.0611	1.0464	Ave		1.0690				5.8		15.0			
Benzaldehyde	1.1622 0.0700	0.5839	0.4560	0.3007	0.1239	Ave		0.4495				88.9	*	15.0			
Aniline	1.7231 1.4696	1.8376	1.7107	1.6049	1.5128	Ave		1.6431				8.5		15.0			
Phenol	1.5085 1.4154	1.5684	1.4354	1.2261	1.1674	Ave		1.3869				11.4		30.0			
Bis(2-chloroethyl)ether	1.0110 1.3878	1.0958	1.0514	0.9623	0.9426	QuaF		1.2292	-0.121						0.9961		0.9900
2-Chlorophenol	1.2709 1.1858	1.3240	1.2252	1.1034	1.0252	Ave		1.1891				9.2		15.0			
Decane	1.5236 1.0175	1.4896	1.2760	1.1622	1.1099	QuaF		0.7169	0.0867						0.9997		0.9900
1,3-Dichlorobenzene	1.5866 1.4917	1.6060	1.4917	1.4039	1.3778	Ave		1.4930				6.2		15.0			
1,4-Dichlorobenzene	1.5055 1.5261	1.5306	1.4745	1.3120	1.3898	Ave		1.4564				6.0		30.0			
1,2-Dichlorobenzene	1.5189 1.5044	1.6232	1.4937	1.4086	1.3851	Ave		1.4890				5.7		15.0			
Benzyl alcohol	0.6920 0.6722	0.7585	0.6982	0.6523	0.6288	Ave		0.6837				6.5		15.0			
2,2'-oxybis[1-chloropropane]	1.8576 1.6862	1.8874	1.8342	1.6304	1.5318	Ave		1.7379				8.2		15.0			
2-Methylphenol	1.0585 0.9330	1.0659	1.0830	0.8535	0.8049	Ave		0.9665				12.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 67964

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 05:47 Calibration End Date: 03/18/2011 07:36 Calibration ID: 10194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.9760 1.9768	1.9461	1.8776	1.6602	1.5800	Ave		1.8361				9.4		15.0			
N-Nitrosodi-n-propylamine	0.8039 1.0992	1.0477	0.9898	0.8559	0.7848	Ave		0.9302			0.0500	14.3		15.0			
o-Toluidine	1.3228 1.5774	1.2890	1.2643	1.0510	0.9707	QuaF		1.1447	-0.107						0.9912		0.9900
Hexachloroethane	0.7479 0.9025	0.8461	0.7750	0.7191	0.6843	Ave		0.7792				10.5		15.0			
3 & 4 Methylphenol	1.0269 0.8715	1.0112	0.9492	0.8490	0.7913	Ave		0.9165				10.3		15.0			
4-Methylphenol	0.9303 0.8748	0.9476	0.9161	0.8115	0.7679	Ave		0.8747				8.2		15.0			
Nitrobenzene	0.7444 0.7650	0.8134	0.8039	0.7375	0.6817	Ave		0.7576				6.4		15.0			
n,n'-Dimethylaniline	1.4234 1.8504	1.6053	1.4201	1.3311	1.4136	Ave		1.5073				12.7		15.0			
Isophorone	0.9932 1.0565	1.0108	1.0190	1.0464	0.9637	Ave		1.0149				3.4		15.0			
2-Nitrophenol	0.2479 0.2655	0.2749	0.2761	0.2676	0.2580	Ave		0.2650				4.0		30.0			
2,4-Dimethylphenol	0.3215 0.3228	0.3178	0.3508	0.3206	0.2839	Ave		0.3196				6.7		15.0			
Bis(2-chloroethoxy)methane	0.4344 0.4800	0.5044	0.4885	0.4781	0.4065	Ave		0.4653				8.0		15.0			
2,4-Dichlorophenol	0.4183 0.4768	0.3982	0.4622	0.4467	0.4165	Ave		0.4365				6.9		30.0			
1,2,4-Trichlorobenzene	0.4034 0.4263	0.4090	0.4023	0.3711	0.3921	Ave		0.4007				4.6		15.0			
Benzoic acid	0.0782 0.2222	0.1156	0.1901	0.1824	0.1997	Ave		0.1647				33.7	*	15.0			
Naphthalene	0.9494 1.1405	1.0118	1.0256	1.0078	1.0171	Ave		1.0254				6.1		15.0			
4-Chloroaniline	0.4329 0.4557	0.4690	0.4732	0.4288	0.4035	Ave		0.4439				6.1		15.0			
Hexachlorobutadiene	0.3020 0.3523	0.3364	0.3218	0.3282	0.3188	Ave		0.3266				5.2		30.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1051	+++++	Ave		0.1051						15.0			
Caprolactam	0.1110 0.1126	0.0891	0.1097	0.1113	0.0959	Ave		0.1049				9.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 67964

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 05:47 Calibration End Date: 03/18/2011 07:36 Calibration ID: 10194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.4764 0.4803	0.4897	0.4938	0.4584	0.4184	Ave		0.4695				5.9		30.0			
2-Methylnaphthalene	0.7158 0.8344	0.7543	0.7674	0.7305	0.7520	Ave		0.7591				5.4		15.0			
1-Methylnaphthalene	0.7786 0.8367	0.7409	0.7712	0.7663	0.7491	Ave		0.7738				4.4		15.0			
Hexachlorocyclopentadiene	0.2581 0.3881	0.2522	0.2859	0.3645	0.3664	QuaF		3.0195	-0.386		0.0500				0.9989		0.9900
1,2,4,5-Tetrachlorobenzene	0.5240 0.6032	0.5275	0.5068	0.5040	0.5574	Ave		0.5372				7.0		30.0			
2-tertbutyl-4-methylphenol	0.7097 0.7669	0.6945	0.7002	0.6783	0.6137	Ave		0.6939				7.1		15.0			
2,4,6-Trichlorophenol	0.3314 0.3177	0.3306	0.3182	0.3069	0.2846	Ave		0.3149				5.5		30.0			
2,4,5-Trichlorophenol	0.3811 0.4499	0.3349	0.3390	0.3391	0.3374	Ave		0.3636				12.6		15.0			
Diphenyl	1.4599 1.8326	1.2622	1.3484	1.5015	1.6653	Ave		1.5117				13.8		15.0			
2-Chloronaphthalene	1.1932 1.4474	1.1508	1.1015	1.2027	1.3048	Ave		1.2334				10.1		15.0			
Diphenyl ether	0.7618 0.8211	0.7683	0.7668	0.7280	0.7115	Ave		0.7596				5.0		15.0			
2-Nitroaniline	0.4368 0.3867	0.4305	0.4271	0.3894	0.3539	Ave		0.4041				8.1		15.0			
1,3-Dimethylnaphthalene	0.9008 0.9981	0.8996	0.7829	0.7917	0.7801	Ave		0.8589				10.3		15.0			
Coumarin	0.2950 0.3443	0.2809	0.3267	0.3072	0.2858	Ave		0.3066				8.1		15.0			
Dimethyl phthalate	1.5858 1.5697	1.6238	1.5987	1.4697	1.4015	Ave		1.5416				5.6		15.0			
2,6-Dinitrotoluene	0.2616 0.4974	0.3611	0.3582	0.3677	0.3497	QuaF		3.3024	-0.859						0.9966		0.9900
Acenaphthylene	1.7824 2.0895	1.7454	1.5374	1.5783	1.6777	Ave		1.7351				11.4		15.0			
3-Nitroaniline	0.3042 0.3367	0.2849	0.3054	0.2787	0.2934	Ave		0.3005				6.8		15.0			
Acenaphthene	0.9214 1.1792	0.9543	0.9219	0.9431	0.9553	Ave		0.9792				10.1		30.0			
3,5-di-tert-butyl-4-hydroxytol	0.9286 0.9217	0.8438	0.8402	0.8689	0.8664	Ave		0.8783				4.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 67964

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 05:47 Calibration End Date: 03/18/2011 07:36 Calibration ID: 10194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,4-Dinitrophenol	0.0902 0.2052	0.1015	0.1441	0.1772	0.1960	QuaF		6.4062	-2.610		0.0500				0.9929		0.9900
Dibenzofuran	1.7382 1.6682	1.5615	1.5276	1.4649	1.4098	Ave		1.5617				7.9		15.0			
4-Nitrophenol	0.2561 0.3184	0.2956	0.3100	0.3173	0.3186	Ave		0.3027			0.0500	8.1		15.0			
2,4-Dinitrotoluene	0.5528 0.4531	0.4953	0.4834	0.4851	0.4133	Ave		0.4805				9.6		15.0			
1-Naphthylamine	1.0372 0.7753	0.9037	0.9264	0.7914	0.7527	Ave		0.8645				12.8		30.0			
2,3,4,6-Tetrachlorophenol	0.3488 0.3779	0.2948	0.3405	0.3424	0.3110	Ave		0.3359				8.7		30.0			
2-Naphthylamine	0.9695 0.8857	0.9276	0.9307	0.7705	0.7837	Ave		0.8779				9.4		15.0			
Diethyl phthalate	1.8527 1.7323	1.8456	1.7319	1.6283	1.5183	Ave		1.7182				7.5		15.0			
Fluorene	1.3809 1.5326	1.2641	1.1903	1.2236	1.2092	Ave		1.3001				10.2		15.0			
4-Chlorophenyl phenyl ether	0.4690 0.7028	0.4825	0.4558	0.4728	0.4777	QuaF		2.5067	-0.512						0.9987		0.9900
4-Nitroaniline	0.3024 0.2780	0.2995	0.3009	0.2855	0.2755	Ave		0.2903				4.2		15.0			
4,6-Dinitro-2-methylphenol	0.1255 0.1919	0.1398	0.1445	0.1595	0.1746	QuaF		6.9111	-3.003						0.9991		0.9900
N-Nitrosodiphenylamine	0.6935 0.7204	0.6560	0.5623	0.5989	0.6524	Ave		0.6472				9.0		30.0			
1,2-Diphenylhydrazine	1.2886 1.3286	1.3371	1.2473	1.1832	1.2230	Ave		1.2680				4.8		15.0			
4-Bromophenyl phenyl ether	0.2537 0.3226	0.2699	0.2872	0.3090	0.3077	Ave		0.2917				9.0		15.0			
Hexachlorobenzene	0.3079 0.3453	0.2691	0.2814	0.2975	0.2917	Ave		0.2988				8.8		15.0			
Atrazine	0.2827 0.2837	0.2508	0.2742	0.2659	0.2543	Ave		0.2686				5.2		15.0			
Pentachlorophenol	0.1610 0.2335	0.1642	0.1653	0.2069	0.2360	QuaF		5.2267	-1.466						0.9935		0.9900
n-Octadecane	0.4786 0.4640	0.4719	0.4509	0.4311	0.4518	Ave		0.4581				3.7		15.0			
Phenanthrene	1.1607 1.2601	1.1515	1.0903	1.0638	1.1176	Ave		1.1407				6.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 67964

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 05:47 Calibration End Date: 03/18/2011 07:36 Calibration ID: 10194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Anthracene	1.1526 1.3081	1.2156	1.1348	1.1357	1.1338	Ave		1.1801				5.9		15.0			
Carbazole	1.2101 1.3019	1.3363	1.2451	1.2177	1.2125	Ave		1.2539				4.2		15.0			
Di-n-butyl phthalate	2.2019 2.0067	2.2785	2.1952	2.1041	2.0337	Ave		2.1367				5.0		15.0			
Fluoranthene	1.2317 1.3267	1.3193	1.2904	1.3319	1.2511	Ave		1.2918				3.3		30.0			
Benzidine	0.1939 0.0724	0.3777	0.3259	0.1404	0.0983	Ave		0.2014				61.9	*	15.0			
Pyrene	1.0743 1.4169	1.2107	1.0841	1.1867	1.2666	Ave		1.2066				10.5		15.0			
Butyl benzyl phthalate	0.8618 0.8793	1.0320	0.8983	0.8828	0.8565	Ave		0.9018				7.3		15.0			
Carbamazepine	0.4859 0.3908	0.5027	0.4797	0.4873	0.4471	Ave		0.4656				8.8		15.0			
3,3'-Dichlorobenzidine	0.4132 0.3780	0.4154	0.4488	0.4027	0.4105	Ave		0.4114				5.6		15.0			
Benzo[a]anthracene	1.2887 1.1835	1.0569	1.0881	1.1555	1.1438	Ave		1.1528				7.0		15.0			
Chrysene	0.8247 0.8832	0.9309	0.8618	0.8826	0.8625	Ave		0.8743				4.0		15.0			
Bis(2-ethylhexyl) phthalate	1.1589 1.1473	1.1835	1.1150	1.1092	1.1032	Ave		1.1362				2.8		15.0			
Di-n-octyl phthalate	2.5225 3.4132	2.9072	2.8343	3.1623	2.9099	Ave		2.9582				10.2		30.0			
Benzo[b]fluoranthene	1.3059 1.6349	1.3585	1.3552	1.3233	1.4278	Ave		1.4009				8.7		15.0			
Benzo[k]fluoranthene	1.3514 1.1572	1.3260	1.3513	1.3070	1.1820	Ave		1.2791				6.8		15.0			
Benzo[a]pyrene	0.9620 1.1556	1.0652	1.0514	1.0327	0.9713	Ave		1.0397				6.8		30.0			
Indeno[1,2,3-cd]pyrene	0.7979 1.0495	0.8567	0.9395	0.9415	0.9288	Ave		0.9190				9.3		15.0			
Dibenz(a,h)anthracene	0.6375 0.8882	0.6998	0.7240	0.7641	0.7340	Ave		0.7413				11.3		15.0			
Benzo[g,h,i]perylene	0.7607 0.8839	0.6967	0.7458	0.7940	0.7592	Ave		0.7734				8.1		15.0			
2-Fluorophenol	1.0472 1.1055	1.0575	0.9920	0.9746	1.0000	Ave		1.0295				4.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 67964

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 05:47 Calibration End Date: 03/18/2011 07:36 Calibration ID: 10194

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenol-d5	1.4396 1.3028	1.4615	1.2724	1.2195	1.2310	Ave		1.3212				7.9		15.0			
Nitrobenzene-d5	0.6309 0.6198	0.6603	0.6715	0.6538	0.5969	Ave		0.6389				4.4		15.0			
2-Fluorobiphenyl	1.3222 1.5062	1.2536	1.1095	1.0865	1.1617	Ave		1.2399				12.7		15.0			
2,4,6-Tribromophenol	0.1744 0.2583	0.1995	0.1999	0.2088	0.2408	Ave		0.2136				14.3		15.0			
Terphenyl-d14	0.9149 1.1504	0.8449	0.9114	1.0173	1.0696	Ave		0.9848				11.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 67964

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 05:47 Calibration End Date: 03/18/2011 07:36 Calibration ID: 10194

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-67964/4	u66242.d
Level 2	IC 460-67964/7	u66245.d
Level 3	IC 460-67964/6	u66244.d
Level 4	ICIS 460-67964/2	u66240.d
Level 5	IC 460-67964/5	u66243.d
Level 6	IC 460-67964/3	u66241.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	10996 246587	24133	36273	99499	172997	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	14657 349575	39187	63989	153034	254110	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	23190 536664	59022	94888	236214	405865	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	27786 34190	29764	40100	66940	48062	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	41196 717290	93670	150425	357280	586791	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	36064 690859	79947	126221	272951	452823	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	QuaF	2417 677340	55857	92455	214227	365596	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	30384 578756	67490	107739	245633	397664	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	QuaF	36425 496638	75931	112204	258720	430488	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	37932 728057	81863	131169	312543	534432	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	35992 744850	78023	129660	292080	539072	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	36314 734255	82743	131344	313584	537245	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	16544 328080	38665	61396	145221	243879	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	44410 822985	96207	161289	362969	594136	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	25306 455389	54334	95228	189998	312208	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	47242 964823	99200	165107	369606	612852	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 67964

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 05:47 Calibration End Date: 03/18/2011 07:36 Calibration ID: 10194

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	1922 536483	53403	87040	190547	304397	0.500 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	QuaF	31624 769901	65704	111173	233984	376528	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	1788 440517	43129	68149	160098	265409	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	24551 425366	51544	83469	189016	306913	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	22241 426989	48302	80553	180651	297838	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	5734 1162489	127328	210080	462211	748884	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	3403 903164	81831	124872	296330	548306	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	76507 1605424	158238	266305	655870	1058746	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	19097 403434	43033	72146	167740	283463	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	24761 490558	49750	91674	200919	311908	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	33464 729459	78961	127654	299674	446591	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	32222 724574	62335	120778	279990	457623	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	3107 647787	64027	105137	232605	430759	0.500 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	6022 337676	18103	49693	114310	219439	5.00 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	73129 1733156	158395	268014	631675	1117445	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	33347 692421	73424	123671	268760	443271	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	4652 535334	52662	84105	205687	350186	1.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	697	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Caprolactam	NPT	Ave	8551 171169	13955	28656	69766	105334	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	36693 729830	76664	129045	287338	459614	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	55139 1267990	118090	200549	457863	826151	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 67964

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 05:47 Calibration End Date: 03/18/2011 07:36 Calibration ID: 10194

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Methylnaphthalene	NPT	Ave	59975 1271418	115985	201552	480309	823001	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	QuaF	13784 488598	28011	58045	177507	301074	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	27983 759491	58583	102898	245426	458110	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	54665 1165446	108714	182994	425120	674192	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	17700 400020	36719	64607	149480	233859	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	20351 566438	37195	68832	165122	277273	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	77969 2307462	140179	273759	731236	1368535	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	63723 1822394	127803	223634	585718	1072260	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	40683 1033784	85322	155684	354524	584721	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	46654 486867	47811	86719	189657	290807	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ANT	Ave	48106 1256733	99907	158941	385576	641091	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	22722 523185	43975	85381	192572	313932	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	84694 1976433	180338	324575	715747	1151795	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	QuaF	2794 626257	40103	72719	179094	287393	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	95190 2630848	193846	312115	768624	1378760	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	32490 423883	31640	62008	135709	241123	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	49211 1484737	105985	187159	459282	785064	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	49592 1160564	93711	170577	423148	711982	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	14456 258336	22549	43875	86291	161065	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	92833 2100467	173424	310142	713418	1158583	5.00 120	10.0	20.0	50.0	80.0
4-Nitrophenol	ANT	Ave	41038 400858	65653	94394	154523	261866	15.0 120	20.0	30.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 67964

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 05:47 Calibration End Date: 03/18/2011 07:36 Calibration ID: 10194

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2,4-Dinitrotoluene	ANT	Ave	5905 570526	55009	98132	236231	339688	1.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	Ave	55393 976224	100365	188078	385436	618576	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	18628 475823	32738	69135	166768	255552	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	51779 1115119	103024	188957	375222	644013	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	98943 2181103	204975	351608	792983	1247743	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	73750 1929623	140390	241661	595908	993733	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	QuaF	25049 884870	53588	92532	230266	392568	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	32297 350078	33261	61092	139041	226424	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	QuaF	27261 304350	40465	59170	100614	170084	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	50201 1142240	94940	153481	377737	635629	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	93282 2106637	193520	340481	746283	1191589	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	18364 511503	39062	78407	194917	299777	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2229 547562	38952	76812	187676	284185	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	20463 449913	36302	74859	167703	247779	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	34966 370183	47529	67671	130486	229916	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	34645 735761	68298	123083	271920	440234	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	84023 1998086	166658	297618	670960	1088910	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	83441 2074212	175934	309781	716329	1104634	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	87599 2064402	193405	339869	768085	1181338	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	159401 3181893	329756	599232	1327125	1981448	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	89166 2103665	190937	352248	840081	1218967	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 67964

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 05:47 Calibration End Date: 03/18/2011 07:36 Calibration ID: 10194

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzidine	PHN	Ave	14035 114871	109330	133456	88571	95751	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	89656 2252968	181488	326608	786984	1244195	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	71919 1398140	154703	270628	585449	841317	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	40548 621408	75363	144524	323179	439161	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	68967 601082	124543	202820	267046	403258	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	10755 1881909	158441	327823	766246	1123538	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	68823 1404333	139552	259633	585270	847259	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	96715 1824291	177408	335917	735601	1083686	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	159391 2842144	319628	563285	1347932	1788087	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	8252 1361364	149354	269327	564048	877353	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	8539 963629	145787	268550	557093	726303	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	6079 962309	117107	208953	440182	596862	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	5042 873939	94186	186707	401320	570749	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	4028 739573	76939	143893	325682	451020	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	48070 736006	76602	148222	338436	466533	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	25036 539574	53907	87227	216965	387862	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	34418 635894	74501	111889	271492	477477	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	48599 941837	103375	175487	409805	655716	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	70612 1896479	139228	225246	529109	954650	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	9313 325284	22159	40582	101685	197896	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	76352 1829238	126652	274573	674622	1050693	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 67964

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 05:47 Calibration End Date: 03/18/2011 07:36 Calibration ID: 10194

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69345/4	u66409.d
Level 2	IC 460-69345/7	u66412.d
Level 3	IC 460-69345/6	u66411.d
Level 4	ICIS 460-69345/2	u66407.d
Level 5	IC 460-69345/5	u66410.d
Level 6	IC 460-69345/3	u66408.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.8313 0.9849	0.9457	0.9031	1.0093	0.9284	Ave		0.9338				6.8		15.0			
N-Nitrosodimethylamine	1.3463 1.6074	1.4987	1.5286	1.6365	1.4650	Ave		1.5138				6.9		15.0			
Pyridine	2.1242 2.2523	2.1655	2.1155	2.3141	2.1077	Ave		2.1799				3.9		15.0			
Benzaldehyde	1.4012 0.1250	0.8307	0.7350	0.3955	0.1489	Ave		0.6060				80.3	*	15.0			
Phenol	2.4820 2.2106	2.4592	2.5864	2.3365	2.0374	Ave		2.3520				8.6		30.0			
Aniline	2.9869 +++++	2.9991	2.8889	2.5554	2.1916	Ave		2.7244				12.8		15.0			
Bis(2-chloroethyl)ether	2.1671 2.6833	1.8743	1.8640	1.6445	1.7660	QuaF		0.6876	-0.039						0.9981		0.9900
2-Chlorophenol	1.7140 1.4147	1.7261	1.7561	1.5862	1.4508	Ave		1.6080				9.2		15.0			
Decane	2.1822 1.3714	2.2353	2.0493	1.7048	1.4850	QuaF		0.4428	0.0710						0.9992		0.9900
1,3-Dichlorobenzene	1.6583 1.3864	1.7202	1.6630	1.5263	1.3559	Ave		1.5517				9.9		15.0			
1,4-Dichlorobenzene	1.5153 1.2839	1.5161	1.5587	1.3604	1.1832	Ave		1.4030				10.8		30.0			
Benzyl alcohol	1.1245 1.1890	1.2242	1.3030	1.2871	1.1323	Ave		1.2100				6.2		15.0			
1,2-Dichlorobenzene	1.5604 1.1628	1.5889	1.5350	1.3313	1.1494	Ave		1.3880				14.5		15.0			
2-Methylphenol	1.6581 1.4478	1.6679	1.8476	1.5832	1.4144	Ave		1.6032				9.9		15.0			
2,2'-oxybis[1-chloropropane]	3.2855 2.6613	3.5919	3.4808	2.8769	2.5359	Ave		3.0720				14.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
o-Toluidine	3.9414 1.8342	3.7673	3.8247	2.1754	1.8464	Ave		2.8982				36.1	*	15.0			
Acetophenone	2.0338 1.4919	1.8929	1.9158	1.5737	1.4207	Ave		1.7215				14.9		15.0			
3 & 4 Methylphenol	1.7889 1.3193	1.6979	1.7088	1.3830	1.2357	QuaF		0.7157	0.0136						0.9944		0.9900
4-Methylphenol	1.7889 1.3193	1.6979	1.7088	1.3738	1.2118	QuaF		0.7335	0.0093						0.9929		0.9900
N-Nitrosodi-n-propylamine	1.0261 0.8909	1.1286	1.1302	0.9314	0.8268	Ave		0.9890			0.0500	12.8		15.0			
Hexachloroethane	0.7157 0.5721	0.7373	0.7039	0.6470	0.5616	Ave		0.6563				11.5		15.0			
Nitrobenzene	0.6935 0.4313	0.6499	0.5494	0.4871	0.4388	QuaF		1.8554	0.3763						0.9983		0.9900
n,n'-Dimethylaniline	2.2265 1.6063	2.2786	2.1187	1.7907	1.5701	QuaF		0.5273	0.0216						0.9959		0.9900
Isophorone	0.9556 0.8765	1.0415	1.0046	0.9600	0.9178	Ave		0.9593				6.1		15.0			
2-Nitrophenol	0.2437 0.2421	0.2729	0.2613	0.2532	0.2402	Ave		0.2522				5.1		30.0			
2,4-Dimethylphenol	0.4408 0.3571	0.4468	0.4318	0.4145	0.3577	Ave		0.4081				10.0		15.0			
Bis(2-chloroethoxy)methane	0.5972 0.5065	0.6116	0.5579	0.5421	0.4976	Ave		0.5522				8.4		15.0			
Benzoic acid	0.2027 +++++	0.1930	0.1878	0.2017	0.1907	Ave		0.1952				3.4		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.2850	+++++	Ave		0.2850						15.0			
2,4-Dichlorophenol	0.3574 0.2900	0.3814	0.3610	0.3159	0.2976	Ave		0.3339				11.3		30.0			
1,2,4-Trichlorobenzene	0.3472 0.2825	0.3706	0.3400	0.3146	0.3005	Ave		0.3259				10.0		15.0			
Naphthalene	1.1647 0.8510	1.1862	1.0273	0.9421	0.8721	Ave		1.0072				14.3		15.0			
4-Chloroaniline	0.5459 0.4248	0.5233	0.5040	0.4664	0.4242	Ave		0.4814				10.6		15.0			
Hexachlorobutadiene	0.1385 0.1320	0.1567	0.1500	0.1471	0.1361	Ave		0.1434				6.5		30.0			
Caprolactam	0.1745 0.1499	0.1502	0.1575	0.1638	0.1592	Ave		0.1592				5.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.3871 0.3417	0.4023	0.3992	0.3632	0.3375	Ave		0.3718				7.7		30.0			
2-Methylnaphthalene	0.7650 0.5892	0.7925	0.7772	0.6681	0.6051	Ave		0.6995				13.0		15.0			
1-Methylnaphthalene	0.7879 0.5424	0.7693	0.7239	0.6392	0.5633	QuaF		1.3581	0.3087						0.9987		0.9900
Hexachlorocyclopentadiene	0.3096 0.2694	0.2576	0.2344	0.2767	0.2497	Ave		0.2663			0.0500	9.7		15.0			
1,2,4,5-Tetrachlorobenzene	0.5418 0.3907	0.4942	0.4497	0.4103	0.3802	Ave		0.4445				14.3		30.0			
2-tertbutyl-4-methylphenol	0.5077 0.3600	0.4809	0.4496	0.4133	0.3759	Ave		0.4312				13.6		15.0			
2,4,6-Trichlorophenol	0.3536 0.4092	0.3750	0.3726	0.3652	0.3589	Ave		0.3724				5.3		30.0			
2,4,5-Trichlorophenol	0.3854 0.3453	0.3858	0.3594	0.3521	0.3369	Ave		0.3608				5.7		15.0			
Diphenyl	1.6554 1.1679	1.6871	1.4608	1.2898	1.1776	QuaF		0.7126	0.0435						0.9984		0.9900
2-Chloronaphthalene	1.3102 1.0325	1.3164	1.0805	1.1304	0.9587	Ave		1.1381				12.9		15.0			
Diphenyl ether	0.8965 0.7361	0.8588	0.8320	0.7962	0.7496	Ave		0.8115				7.7		15.0			
2-Nitroaniline	0.4460 0.4989	0.5339	0.4720	0.4573	0.4539	Ave		0.4770				7.0		15.0			
1,3-Dimethylnaphthalene	1.0997 0.8559	1.0765	0.9496	0.9210	0.8794	Ave		0.9637				10.6		15.0			
Dimethyl phthalate	1.5152 1.2578	1.4919	1.3578	1.2459	1.2025	Ave		1.3452				9.9		15.0			
Coumarin	0.3127 0.2093	0.2937	0.2823	0.2424	0.2505	Ave		0.2652				14.3		15.0			
2,6-Dinitrotoluene	0.2542 0.3243	0.3548	0.3392	0.3403	0.3253	Ave		0.3230				11.0		15.0			
Acenaphthylene	2.0722 1.5932	1.9765	1.7849	1.6791	1.5957	Ave		1.7836				11.3		15.0			
3-Nitroaniline	0.4230 0.4127	0.4398	0.4270	0.4107	0.4155	Ave		0.4215				2.6		15.0			
3,5-di-tert-butyl-4-hydroxytol	0.6570 0.5404	0.6760	0.6142	0.5665	0.5332	Ave		0.5979				10.1		15.0			
Acenaphthene	1.1632 0.7960	1.0961	0.9710	0.8598	0.7952	QuaF		1.0904	0.0746						0.9985		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,4-Dinitrophenol	0.0956 0.2229	0.1214	0.1328	0.1569	0.2039	QuaF		6.7776	-3.551		0.0500				0.9921		0.9900
4-Nitrophenol	0.2767 0.3014	0.2890	0.2789	0.2793	0.3596	Ave		0.2975			0.0500	10.7		15.0			
2,4-Dinitrotoluene	0.3689 0.3591	0.4666	0.4385	0.3872	0.3872	Ave		0.4013				10.5		15.0			
Dibenzofuran	1.8058 1.3864	1.8233	1.6066	1.3757	1.3653	Ave		1.5605				13.9		15.0			
1-Naphthylamine	1.2389 0.9706	1.2214	1.0905	1.0886	0.9773	Ave		1.0979				10.5		30.0			
2,3,4,6-Tetrachlorophenol	0.3174 0.2850	0.3121	0.2919	0.2852	0.2865	Ave		0.2964				4.9		30.0			
2-Naphthylamine	1.2960 0.8889	1.2208	1.1044	0.9918	0.9486	Ave		1.0751				14.9		15.0			
Diethyl phthalate	1.4327 1.1200	1.3697	1.2370	1.1164	1.0957	Ave		1.2286				11.7		15.0			
4-Chlorophenyl phenyl ether	0.5389 0.3736	0.5294	0.4635	0.4144	0.3860	QuaF		2.1651	0.4727						0.9994		0.9900
Fluorene	1.3663 0.9288	1.3491	1.1745	0.9996	0.9480	QuaF		0.9003	0.0666						0.9988		0.9900
4-Nitroaniline	0.4245 0.3161	0.4414	0.3785	0.3665	0.3967	Ave		0.3873				11.5		15.0			
4,6-Dinitro-2-methylphenol	0.1405 0.1586	0.1550	0.1616	0.1660	0.1738	Ave		0.1592				7.1		15.0			
N-Nitrosodiphenylamine	0.9131 0.5274	0.8369	0.7814	0.6741	0.5529	QuaF		1.1706	0.4741						0.9964		0.9900
1,2-Diphenylhydrazine	1.5267 1.0864	1.5649	1.4485	1.2355	1.0904	QuaF		0.7347	0.0606						0.9972		0.9900
4-Bromophenyl phenyl ether	0.2785 0.2362	0.2757	0.2772	0.2624	0.2153	Ave		0.2576				10.2		15.0			
Hexachlorobenzene	0.2774 0.2321	0.3015	0.2847	0.2619	0.2161	Ave		0.2623				12.4		15.0			
Atrazine	0.2282 0.1577	0.2259	0.2158	0.1959	0.1624	QuaF		4.3955	4.2648						0.9964		0.9900
Pentachlorophenol	0.1892 0.1830	0.1880	0.1908	0.1850	0.1784	Ave		0.1857				2.5		30.0			
n-Octadecane	0.9916 0.5776	0.9548	0.9172	0.7957	0.6072	QuaF		0.9122	0.4859						0.9919		0.9900
Phenanthrene	1.3578 1.0138	1.3088	1.2523	1.1308	0.9520	Ave		1.1692				14.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Anthracene	1.4534 0.9778	1.4458	1.3535	1.1580	0.9653	QuaF		0.7866	0.0861						0.9943		0.9900
Carbazole	1.5941 1.0055	1.5743	1.4299	1.2013	1.0434	QuaF		0.6948	0.1035						0.9978		0.9900
Di-n-butyl phthalate	2.0502 1.2790	1.9883	1.8320	1.5691	1.2786	QuaF		0.5572	0.0619						0.9936		0.9900
Fluoranthene	1.3890 0.8508	1.4182	1.2703	1.0377	0.9288	QuaF		0.7216	0.1807						0.9995		0.9900
Benzidine	0.4905 0.1241	0.6744	0.4174	0.1885	0.1678	Ave		0.3438				63.7	*	15.0			
Pyrene	1.3515 1.6043	1.4347	1.4999	1.5129	1.4323	Ave		1.4726				5.9		15.0			
Butyl benzyl phthalate	0.8822 0.9545	0.9753	0.9657	0.9735	0.9286	Ave		0.9466				3.8		15.0			
Carbamazepine	0.4638 0.4466	0.5286	0.4235	0.4694	0.5146	Ave		0.4744				8.5		15.0			
3,3'-Dichlorobenzidine	0.4883 0.3910	0.5063	0.4410	0.4259	0.4283	Ave		0.4468				9.6		15.0			
Benzo[a]anthracene	1.4256 1.1090	1.3229	1.1910	1.2062	1.1384	Ave		1.2322				9.7		15.0			
Bis(2-ethylhexyl) phthalate	1.0288 0.9607	1.0700	0.9998	1.0075	0.9245	Ave		0.9986				5.1		15.0			
Chrysene	1.0374 0.9066	1.1346	1.0180	0.9784	0.9483	Ave		1.0039				7.9		15.0			
Di-n-octyl phthalate	2.0772 2.4992	2.3649	2.5625	2.7149	2.5162	Ave		2.4558				8.8		30.0			
Benzo[b]fluoranthene	1.4159 1.5218	1.3892	1.3727	1.3434	1.4724	Ave		1.4192				4.7		15.0			
Benzo[k]fluoranthene	1.3553 1.1260	1.4817	1.4448	1.3968	1.2015	Ave		1.3344				10.6		15.0			
Benzo[a]pyrene	0.9381 1.1366	1.2513	1.1347	1.1025	1.0392	Ave		1.1004				9.6		30.0			
Indeno[1,2,3-cd]pyrene	0.7226 0.8683	0.8709	0.7351	0.7496	0.7330	Ave		0.7799				9.0		15.0			
Dibenz(a,h)anthracene	0.6941 0.7563	0.8730	0.7167	0.6941	0.6560	Ave		0.7317				10.5		15.0			
Benzo[g,h,i]perylene	0.8065 0.8865	0.8369	0.6735	0.7417	0.6685	Ave		0.7689				11.6		15.0			
2-Fluorophenol	1.9789 2.2069	2.1072	2.0399	2.1914	2.0794	Ave		2.1006				4.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenol-d5	2.5409 2.2037	2.6237	2.5137	2.4293	2.2646	Ave		2.4293				6.8		15.0			
Nitrobenzene-d5	0.4785 0.3845	0.4754	0.4679	0.4473	0.4044	Ave		0.4430				9.0		15.0			
2-Fluorobiphenyl	1.5619 1.1501	1.5022	1.3622	1.2651	1.1516	Ave		1.3322				13.1		15.0			
2,4,6-Tribromophenol	0.1985 0.1868	0.2218	0.2076	0.1990	0.2010	Ave		0.2024				5.7		15.0			
Terphenyl-d14	1.0080 1.1253	1.0522	1.1360	1.1276	1.0474	Ave		1.0827				5.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69345/4	u66409.d
Level 2	IC 460-69345/7	u66412.d
Level 3	IC 460-69345/6	u66411.d
Level 4	ICIS 460-69345/2	u66407.d
Level 5	IC 460-69345/5	u66410.d
Level 6	IC 460-69345/3	u66408.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	24217 631871	61303	96792	297407	418028	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	39220 1031218	97147	163840	482234	659626	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	61879 1444928	140369	226740	681881	949027	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	40819 80205	53844	78773	116554	67026	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	72302 1418216	159409	277212	688482	917376	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	87009 +++++	194406	309634	752987	986779	5.00 +++++	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	QuaF	6313 1721486	121496	199785	484588	795139	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	49930 907609	111886	188223	467402	653239	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	QuaF	63568 879827	144892	219647	502353	668654	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	48307 889456	111504	178237	449748	610511	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	44143 823682	98277	167065	400859	532761	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	32757 762791	79351	139657	379279	509846	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	45456 745977	102995	164518	392300	517524	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	48302 928848	108117	198027	466506	636866	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	95708 1707342	232830	373075	847738	1141798	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	114816 1176715	244202	409935	641026	831354	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetophenone	DCB	Ave	59247 957114	122698	205336	463722	639675	5.00 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	QuaF	52112 846412	110063	183153	407525	556383	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	QuaF	52112 846412	110063	183153	404824	545612	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	2989 571586	73155	121137	274441	372279	0.500 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2085 367043	47790	75448	190651	252886	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	QuaF	6597 1005774	135967	210060	491431	666531	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	QuaF	6486 1030518	147699	227084	527654	706936	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	90904 2043889	217877	384110	968571	1394225	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	23184 564628	57094	99899	255451	364880	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	41932 832800	93477	165077	418177	543453	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	56810 1181030	127959	213316	546919	755881	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	19279 +++++	40369	71807	203454	289765	5.00 +++++	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1267	+++++	+++++ +++++	+++++	+++++	0.500	+++++
2,4-Dichlorophenol	NPT	Ave	34004 676178	79795	138007	318735	452063	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	3303 658772	77525	130010	317443	456465	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	110803 1984466	248155	392771	950435	1324884	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	51930 990455	109484	192684	470500	644400	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	2636 307785	32783	57362	148357	206816	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	16596 349578	31421	60221	165301	241822	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	36829 796735	84166	152647	366460	512685	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	72777 1373839	165797	297154	674045	919214	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Methylnaphthalene	NPT	QuaF	74951 1264900	160939	276781	644893	855756	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	16239 317592	29353	52538	150842	204575	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	28415 460484	56302	100793	223681	311447	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	48298 839433	100602	171904	417005	571095	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	18545 482371	42728	83520	199093	294048	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	20215 407041	43954	80568	191916	275949	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	QuaF	86824 1376672	192212	327424	703057	964676	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	68717 1217065	149977	242182	616160	785396	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	47020 867693	97848	186492	434004	614074	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	46787 588083	60830	105796	249287	371816	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ANT	Ave	57677 1008925	122646	212847	502048	720420	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	79470 1482632	169976	304346	679146	985043	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	29751 488065	61435	107948	244513	380594	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	2666 382271	40429	76039	185479	266474	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	108682 1877914	225190	400075	915291	1307177	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	44371 486466	50112	95712	223872	340375	10.0 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	34458 636942	77017	137665	308787	436831	5.00 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	QuaF	61009 938320	124883	217637	468654	651397	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	15047 262703	27655	44633	85532	167000	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	Ave	43534 355250	65851	93782	152222	294613	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	3870 423296	53162	98286	211061	317167	1.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibenzofuran	ANT	Ave	94709 1634247	207731	360109	749921	1118441	5.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	Ave	64976 1144020	139154	244421	593413	800635	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	16647 335992	35562	65435	155462	234715	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	67971 1047785	139090	247536	540617	777106	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	75143 1320182	156053	277273	608551	897564	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	QuaF	28265 440401	60312	103887	225895	316229	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	QuaF	71659 1094840	153709	263257	544905	776619	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	44529 372544	50286	84840	199800	324950	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	27478 251606	44642	63824	112229	203371	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	QuaF	59521 836592	120540	205779	455749	647157	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	QuaF	99516 1723406	225393	381470	835353	1276210	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	18152 374665	39716	72993	177437	252022	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	1808 368162	43425	74984	177092	252978	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	QuaF	14875 250165	32530	56818	132478	190124	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	36994 290273	54162	75376	125094	208805	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	QuaF	64639 916303	137520	241540	537965	710664	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	88507 1608277	188509	329791	764520	1114238	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	QuaF	94740 1551196	208239	356445	782951	1129858	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	QuaF	103908 1595065	226749	376552	812215	1221226	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	QuaF	133639 2028904	286380	482463	1060895	1496586	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	QuaF	90542 1349699	204257	334528	701603	1087068	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzidine	PHN	Ave	31976 196893	194260	164898	127422	196345	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	92820 1342752	195809	313908	672611	1037529	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	60589 798894	133106	202109	432778	672675	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	31852 373839	72140	88639	208691	372788	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	67064 327247	138191	138444	189350	310236	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	9791 928243	180554	249256	536253	824593	0.500 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	70659 804095	146042	209254	447923	669678	5.00 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	71249 758807	154857	213061	434964	686912	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	123716 1477045	277833	390154	861754	1364177	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	8433 899412	163207	208998	426398	798273	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	8072 665487	174071	219982	443375	651441	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	5587 671730	146999	172760	349958	563425	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	4304 513154	102316	111914	237934	397394	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	4134 446960	102559	109122	220327	355645	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	48037 523909	98313	102544	235417	362415	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	57647 1415812	136594	218638	645747	936278	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	74017 1413755	170073	269420	715841	1019648	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	45522 896529	99445	178913	451289	614337	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	81919 1355620	171150	305335	689586	943388	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	10411 220161	25265	46529	108457	164660	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	69226 941843	143607	237759	501275	758736	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69222/2 Calibration Date: 03/30/2011 00:35

Instrument ID: BNAMS10 Calib Start Date: 02/26/2011 13:23

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/26/2011 15:56

Lab File ID: p10100.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7321	0.6929		47300	50000	-5.4	20.0
N-Nitrosodimethylamine	Ave	0.8800	0.9098		51700	50000	3.4	20.0
Pyridine	Ave	1.493	1.540		51600	50000	3.2	20.0
Benzaldehyde	Ave	0.4925	0.2462		25000	50000	-50.0*	20.0
Aniline	Ave	1.854	1.959		52800	50000	5.7	20.0
Phenol	Ave	1.653	1.742		52700	50000	5.3	20.0
Bis(2-chloroethyl)ether	Ave	1.312	1.333		50800	50000	1.6	20.0
2-Chlorophenol	Ave	1.323	1.412		53400	50000	6.7	20.0
n-Decane	Ave	1.342	1.339		49900	50000	-0.2	20.0
1,3-Dichlorobenzene	Ave	1.631	1.599		49000	50000	-2.0	20.0
1,4-Dichlorobenzene	Ave	1.623	1.617		49800	50000	-0.4	20.0
Benzyl alcohol	Ave	0.7947	0.7893		49700	50000	-0.7	20.0
1,2-Dichlorobenzene	Ave	1.506	1.499		49800	50000	-0.4	20.0
2-Methylphenol	Ave	1.084	1.160		53500	50000	7.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.500	1.541		51400	50000	2.7	20.0
o-Toluidine	Ave	2.707	1.584		29300	50000	-41.5*	20.0
Acetophenone	Ave	1.589	1.726		54300	50000	8.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.8049	0.9083	0.0500	56400	50000	12.8	20.0
3 & 4 Methylphenol	Ave	1.028	1.215		59100	50000	18.2	20.0
4-Methylphenol	Ave	1.027	1.230		59900	50000	19.7	20.0
Hexachloroethane	Ave	0.6088	0.6198		50900	50000	1.8	20.0
Nitrobenzene	Ave	0.5445	0.5277		48500	50000	-3.1	20.0
n,n'-Dimethylaniline	Ave	1.936	2.000		51700	50000	3.3	20.0
Isophorone	Ave	0.6225	0.6253		50200	50000	0.4	20.0
2-Nitrophenol	Ave	0.2012	0.2203		54800	50000	9.5	20.0
2,4-Dimethylphenol	Ave	0.3065	0.3155		51500	50000	2.9	20.0
Bis(2-chloroethoxy)methane	Ave	0.4056	0.4161		51300	50000	2.6	20.0
Benzoic acid	QuaF	0.1451	0.2044		56800	50000	13.6	20.0
2,4-Dichlorophenol	Ave	0.2832	0.2980		52600	50000	5.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3526	0.3300		46800	50000	-6.4	20.0
Naphthalene	Ave	1.070	1.032		48200	50000	-3.6	20.0
4-Chloroaniline	Ave	0.4005	0.4075		50900	50000	1.8	20.0
Hexachlorobutadiene	Ave	0.1701	0.1563		46000	50000	-8.1	20.0
Caprolactam	Ave	0.0835	0.1014		60700	50000	21.4*	20.0
4-Chloro-3-methylphenol	Ave	0.2625	0.2916		55500	50000	11.1	20.0
2-Methylnaphthalene	Ave	0.6614	0.6586		49800	50000	-0.4	20.0
1-Methylnaphthalene	Ave	0.6704	0.6500		48500	50000	-3.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5137	0.4811		46800	50000	-6.3	20.0
Hexachlorocyclopentadiene	Ave	0.3280	0.2702	0.0500	41200	50000	-17.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.4389	0.4358		49600	50000	-0.7	20.0
2,4,6-Trichlorophenol	Ave	0.3301	0.3344		50700	50000	1.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69222/2 Calibration Date: 03/30/2011 00:35

Instrument ID: BNAMS10 Calib Start Date: 02/26/2011 13:23

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/26/2011 15:56

Lab File ID: p10100.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.3391	0.3542		52200	50000	4.5	20.0
Diphenyl	Ave	1.479	1.468		49600	50000	-0.8	20.0
2-Chloronaphthalene	Ave	1.173	1.122		47800	50000	-4.3	20.0
Diphenyl ether	Ave	0.8157	0.7890		48400	50000	-3.3	20.0
2-Nitroaniline	Ave	0.3640	0.3351		46000	50000	-7.9	20.0
1,3-Dimethylnaphthalene	Ave	0.9372	0.9271		49500	50000	-1.1	20.0
Dimethyl phthalate	Ave	1.165	1.162		49900	50000	-0.2	20.0
Coumarin	Ave	0.1900	0.2082		54800	50000	9.5	20.0
2,6-Dinitrotoluene	Ave	0.2762	0.2967		53700	50000	7.4	20.0
Acenaphthylene	Ave	1.777	1.745		49100	50000	-1.8	20.0
3-Nitroaniline	Ave	0.3015	0.3124		51800	50000	3.6	20.0
Acenaphthene	Ave	1.053	1.037		49200	50000	-1.5	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9152	0.9482		51800	50000	3.6	20.0
2,4-Dinitrophenol	QuaF	0.1243	0.1469	0.0500	53700	50000	7.5	20.0
4-Nitrophenol	Ave	0.1804	0.1799	0.0500	49800	50000	-0.3	20.0
Dibenzofuran	Ave	1.562	1.513		48400	50000	-3.1	20.0
2,4-Dinitrotoluene	Ave	0.3475	0.3700		53200	50000	6.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2362	0.2338		49500	50000	-1.0	20.0
2-Naphthylamine	Ave	1.013	0.998		49300	50000	-1.5	20.0
Diethyl phthalate	Ave	1.091	1.127		51600	50000	3.3	20.0
Fluorene	Ave	1.200	1.211		50500	50000	0.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.5310	0.5271		49600	50000	-0.7	20.0
4-Nitroaniline	Ave	0.2838	0.2978		52500	50000	4.9	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1287	0.1474		57200	50000	14.5	20.0
N-Nitrosodiphenylamine	Ave	0.5845	0.5838		49900	50000	-0.1	20.0
1,2-Diphenylhydrazine	Ave	1.030	1.041		50500	50000	1.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2132	0.1995		46800	50000	-6.4	20.0
Hexachlorobenzene	Ave	0.2262	0.2120		46900	50000	-6.3	20.0
Atrazine	Ave	0.1978	0.2089		52800	50000	5.6	20.0
Pentachlorophenol	Ave	0.1208	0.1222		50600	50000	1.1	20.0
n-Octadecane	Ave	0.5113	0.5356		52400	50000	4.8	20.0
Phenanthrene	Ave	1.163	1.138		48900	50000	-2.2	20.0
Anthracene	Ave	1.182	1.159		49000	50000	-1.9	20.0
Carbazole	Ave	1.059	1.050		49600	50000	-0.9	20.0
Di-n-butyl phthalate	Ave	1.206	1.258		52100	50000	4.3	20.0
Fluoranthene	Ave	1.043	1.030		49400	50000	-1.2	20.0
Benzidine	Ave	0.2269	0.1095		24100	50000	-51.7*	20.0
Pyrene	Ave	1.455	1.401		48100	50000	-3.7	20.0
Butyl benzyl phthalate	Ave	0.6573	0.6990		53200	50000	6.3	20.0
2,3,7,8-TCDD (Screen)	Ave	0.0985	0.1702		864	500	72.8*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69222/2 Calibration Date: 03/30/2011 00:35

Instrument ID: BNAMS10 Calib Start Date: 02/26/2011 13:23

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 02/26/2011 15:56

Lab File ID: p10100.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	QuaF	0.5004	0.5549		51000	50000	2.0	20.0
3,3'-Dichlorobenzidine	Ave	0.3679	0.3680		50000	50000	0.0	20.0
Benzo[a]anthracene	Ave	1.148	1.068		46500	50000	-7.0	20.0
Chrysene	Ave	1.026	1.051		51200	50000	2.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8851	0.9442		53300	50000	6.7	20.0
Di-n-octyl phthalate	Ave	1.590	1.736		54600	50000	9.2	20.0
Benzo[b]fluoranthene	Ave	1.170	1.221		52200	50000	4.4	20.0
Benzo[k]fluoranthene	Ave	1.288	1.181		45900	50000	-8.3	20.0
Benzo[a]pyrene	Ave	1.015	0.997		49100	50000	-1.7	20.0
Indeno[1,2,3-cd]pyrene	QuaF	1.003	1.025		47600	50000	-4.8	20.0
Dibenz(a,h)anthracene	Ave	1.003	1.030		51400	50000	2.7	20.0
Benzo[g,h,i]perylene	Ave	1.062	1.053		49600	50000	-0.8	20.0
2-Fluorophenol	Ave	1.266	1.338		52800	50000	5.7	20.0
Phenol-d5	Ave	1.438	1.527		53100	50000	6.2	20.0
Nitrobenzene-d5	Ave	0.3877	0.4183		54000	50000	7.9	20.0
2-Fluorobiphenyl	Ave	1.306	1.301		49800	50000	-0.3	20.0
2,4,6-Tribromophenol	Ave	0.1364	0.1406		51500	50000	3.0	20.0
Terphenyl-d14	Ave	0.8791	0.9080		51600	50000	3.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69101/2 Calibration Date: 03/31/2011 02:39

Instrument ID: BNAMS11 Calib Start Date: 03/21/2011 11:14

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/21/2011 13:13

Lab File ID: z15578.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	QuaF	0.4169	0.1795		23900	50000	-52.1*	20.0
N-Nitrosodimethylamine	Ave	0.8052	0.5109		31700	50000	-36.5*	20.0
Pyridine	Ave	1.446	0.9712		33600	50000	-32.8*	20.0
Benzaldehyde	Ave	0.4784	0.2501		26100	50000	-47.7*	20.0
Aniline	Ave	1.884	2.006		53200	50000	6.4	20.0
Phenol	Ave	1.537	1.537		50000	50000	0.0	20.0
Bis(2-chloroethyl)ether	Ave	1.412	1.362		48200	50000	-3.5	20.0
2-Chlorophenol	Ave	1.342	1.347		50200	50000	0.4	20.0
Decane	Ave	1.478	1.494		50500	50000	1.1	20.0
1,3-Dichlorobenzene	Ave	1.670	1.641		49100	50000	-1.7	20.0
1,4-Dichlorobenzene	Ave	1.657	1.634		49300	50000	-1.3	20.0
1,2-Dichlorobenzene	Ave	1.567	1.578		50300	50000	0.7	20.0
Benzyl alcohol	Ave	0.7777	0.8429		54200	50000	8.4	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.696	1.865		55000	50000	10.0	20.0
2-Methylphenol	Ave	1.140	1.219		53500	50000	6.9	20.0
o-Toluidine	Ave	1.428	1.656		58000	50000	15.9	20.0
Acetophenone	Ave	1.646	1.745		53000	50000	6.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.8379	0.8583	0.0500	51200	50000	2.4	20.0
Hexachloroethane	Ave	0.6036	0.5866		48600	50000	-2.8	20.0
3 & 4 Methylphenol	QuaF	1.109	1.232		59900	50000	19.8	20.0
4-Methylphenol	Ave	1.100	1.222		55500	50000	11.1	20.0
Nitrobenzene	Ave	0.5569	0.5408		48600	50000	-2.9	20.0
n,n'-Dimethylaniline	Ave	1.959	2.052		52400	50000	4.7	20.0
Isophorone	Ave	0.6311	0.6505		51500	50000	3.1	20.0
2-Nitrophenol	Ave	0.2094	0.2154		51400	50000	2.9	20.0
2,4-Dimethylphenol	Ave	0.3128	0.3172		50700	50000	1.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.4043	0.4086		50500	50000	1.1	20.0
2,4-Dichlorophenol	Ave	0.2829	0.2876		50800	50000	1.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3576	0.3455		48300	50000	-3.4	20.0
Benzoic acid	QuaF	0.1216	0.1383		53300	50000	6.7	20.0
Naphthalene	Ave	1.096	1.060		48300	50000	-3.3	20.0
4-Chloroaniline	Ave	0.3697	0.3805		51500	50000	2.9	20.0
Hexachlorobutadiene	Ave	0.2065	0.1973		47800	50000	-4.5	20.0
Caprolactam	Ave	0.0601	0.0692		57600	50000	15.2	20.0
4-Chloro-3-methylphenol	Ave	0.2382	0.2470		51800	50000	3.7	20.0
2-Methylnaphthalene	Ave	0.6286	0.6893		54800	50000	9.6	20.0
1-Methylnaphthalene	Ave	0.6139	0.6236		50800	50000	1.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7073	0.6687		47300	50000	-5.5	20.0
Hexachlorocyclopentadiene	Ave	0.3933	0.3877	0.0500	49300	50000	-1.4	20.0
2,4,6-Trichlorophenol	Ave	0.3981	0.3904		49000	50000	-1.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.3828	0.3778		49300	50000	-1.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69101/2 Calibration Date: 03/31/2011 02:39

Instrument ID: BNAMS11 Calib Start Date: 03/21/2011 11:14

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/21/2011 13:13

Lab File ID: z15578.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4034	0.4138		51300	50000	2.6	20.0
2-Chloronaphthalene	Ave	1.241	1.213		48900	50000	-2.2	20.0
Diphenyl	Ave	1.604	1.577		49100	50000	-1.7	20.0
Diphenyl ether	Ave	0.9013	0.8682		48200	50000	-3.7	20.0
2-Nitroaniline	Ave	0.3831	0.4057		52900	50000	5.9	20.0
1,3-Dimethylnaphthalene	Ave	1.007	1.001		49700	50000	-0.5	20.0
Coumarin	Ave	0.1422	0.1686		59300	50000	18.5	20.0
Dimethyl phthalate	Ave	1.099	1.134		51600	50000	3.2	20.0
Acenaphthylene	Ave	1.846	1.810		49000	50000	-1.9	20.0
2,6-Dinitrotoluene	Ave	0.2435	0.2706		55600	50000	11.1	20.0
3-Nitroaniline	Ave	0.2457	0.2746		55900	50000	11.7	20.0
Acenaphthene	Ave	1.081	1.066		49300	50000	-1.4	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.089	1.090		50100	50000	0.2	20.0
2,4-Dinitrophenol	QuaF	0.1035	0.1225	0.0500	53500	50000	6.9	20.0
Dibenzofuran	Ave	1.561	1.571		50300	50000	0.6	20.0
2,4-Dinitrotoluene	Ave	0.2846	0.3245		57000	50000	14.0	20.0
4-Nitrophenol	QuaF	0.1416	0.1795	0.0500	59800	50000	19.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2744	0.2879		52500	50000	4.9	20.0
2-Naphthylamine	Ave	0.8206	0.8266		50400	50000	0.7	20.0
Fluorene	Ave	1.170	1.166		49800	50000	-0.4	20.0
Diethyl phthalate	Ave	0.9261	0.9563		51600	50000	3.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.5908	0.5973		50600	50000	1.1	20.0
4-Nitroaniline	Ave	0.1780	0.2096		58900	50000	17.7	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1260	0.1393		52100	50000	4.2	20.0
N-Nitrosodiphenylamine	Ave	0.6071	0.5864		48300	50000	-3.4	20.0
1,2-Diphenylhydrazine	Ave	1.167	1.140		48900	50000	-2.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2693	0.2615		48600	50000	-2.9	20.0
Hexachlorobenzene	Ave	0.2980	0.2866		48100	50000	-3.8	20.0
Atrazine	Ave	0.1975	0.2158		54600	50000	9.3	20.0
Pentachlorophenol	QuaF	0.1479	0.1545		50600	50000	1.2	20.0
Phenanthrene	Ave	1.134	1.123		49500	50000	-1.0	20.0
Anthracene	Ave	1.149	1.095		47700	50000	-4.7	20.0
n-Octadecane	Ave	0.6031	0.5312		44000	50000	-11.9	20.0
Carbazole	Ave	0.8417	0.8953		53200	50000	6.4	20.0
Di-n-butyl phthalate	Ave	0.9579	1.036		54100	50000	8.1	20.0
Fluoranthene	Ave	0.8794	0.9689		55100	50000	10.2	20.0
Benzidine	Ave	0.0757	0.0452		29900	50000	-40.3*	20.0
Pyrene	Ave	1.621	1.583		48800	50000	-2.3	20.0
Butyl benzyl phthalate	Ave	0.5155	0.5347		51900	50000	3.7	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1814	0.2139		589	500	17.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69101/2 Calibration Date: 03/31/2011 02:39

Instrument ID: BNAMS11 Calib Start Date: 03/21/2011 11:14

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/21/2011 13:13

Lab File ID: z15578.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.3813	0.3410		44700	50000	-10.6	20.0
Benzo[a]anthracene	Ave	1.089	1.048		48100	50000	-3.8	20.0
3,3'-Dichlorobenzidine	Ave	0.3256	0.3221		49500	50000	-1.1	20.0
Chrysene	Ave	1.076	1.064		49400	50000	-1.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.6477	0.6701		51700	50000	3.5	20.0
Di-n-octyl phthalate	QuaF	1.105	1.381		55000	50000	10.0	20.0
Benzo[b]fluoranthene	Ave	1.104	1.242		56200	50000	12.5	20.0
Benzo[k]fluoranthene	Ave	1.333	1.376		51600	50000	3.2	20.0
Benzo[a]pyrene	QuaF	0.9134	0.999		51500	50000	2.9	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.8057	0.8130		47800	50000	-4.5	20.0
Dibenz(a,h)anthracene	QuaF	0.8134	0.8349		48600	50000	-2.7	20.0
Benzo[g,h,i]perylene	Ave	0.9720	0.9008		46300	50000	-7.3	20.0
2-Fluorophenol	Ave	1.244	1.240		49800	50000	-0.3	20.0
Phenol-d5	Ave	1.451	1.485		51100	50000	2.3	20.0
Nitrobenzene-d5	Ave	0.4191	0.4174		49800	50000	-0.4	20.0
2-Fluorobiphenyl	Ave	1.568	1.509		48100	50000	-3.8	20.0
2,4,6-Tribromophenol	Ave	0.1668	0.1835		55000	50000	10.0	20.0
Terphenyl-d14	Ave	1.079	1.125		52100	50000	4.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69325/2 Calibration Date: 04/01/2011 15:52

Instrument ID: BNAMS11 Calib Start Date: 03/21/2011 11:14

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/21/2011 13:13

Lab File ID: z15641.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	QuaF	0.4169	0.1569		21100	50000	-57.9*	20.0
N-Nitrosodimethylamine	Ave	0.8052	0.4172		25900	50000	-48.2*	20.0
Pyridine	Ave	1.446	0.8001		27700	50000	-44.7*	20.0
Benzaldehyde	Ave	0.4784	0.1222		12800	50000	-74.5*	20.0
Aniline	Ave	1.884	1.963		52100	50000	4.2	20.0
Phenol	Ave	1.537	1.536		50000	50000	-0.0	20.0
Bis(2-chloroethyl)ether	Ave	1.412	1.320		46800	50000	-6.5	20.0
2-Chlorophenol	Ave	1.342	1.324		49300	50000	-1.4	20.0
Decane	Ave	1.478	1.482		50100	50000	0.2	20.0
1,3-Dichlorobenzene	Ave	1.670	1.621		48500	50000	-2.9	20.0
1,4-Dichlorobenzene	Ave	1.657	1.620		48900	50000	-2.2	20.0
1,2-Dichlorobenzene	Ave	1.567	1.559		49700	50000	-0.5	20.0
Benzyl alcohol	Ave	0.7777	0.8077		51900	50000	3.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.696	1.823		53800	50000	7.5	20.0
2-Methylphenol	Ave	1.140	1.200		52600	50000	5.3	20.0
o-Toluidine	Ave	1.428	1.625		56900	50000	13.8	20.0
Acetophenone	Ave	1.646	1.729		52500	50000	5.1	20.0
Hexachloroethane	Ave	0.6036	0.5792		48000	50000	-4.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.8379	0.8545	0.0500	51000	50000	2.0	20.0
3 & 4 Methylphenol	QuaF	1.109	1.216		58900	50000	17.7	20.0
4-Methylphenol	Ave	1.100	1.198		54400	50000	8.9	20.0
Nitrobenzene	Ave	0.5569	0.5452		48900	50000	-2.1	20.0
n,n'-Dimethylaniline	Ave	1.959	2.032		51900	50000	3.7	20.0
Isophorone	Ave	0.6311	0.6565		52000	50000	4.0	20.0
2-Nitrophenol	Ave	0.2094	0.2184		52100	50000	4.3	20.0
2,4-Dimethylphenol	Ave	0.3128	0.3146		50300	50000	0.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.4043	0.4116		50900	50000	1.8	20.0
2,4-Dichlorophenol	Ave	0.2829	0.2883		50900	50000	1.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3576	0.3505		49000	50000	-2.0	20.0
Naphthalene	Ave	1.096	1.083		49400	50000	-1.2	20.0
Benzoic acid	QuaF	0.1216	0.1656		62700	50000	25.3*	20.0
4-Chloroaniline	Ave	0.3697	0.3897		52700	50000	5.4	20.0
Hexachlorobutadiene	Ave	0.2065	0.2005		48600	50000	-2.9	20.0
Caprolactam	Ave	0.0601	0.0745		62000	50000	24.1*	20.0
4-Chloro-3-methylphenol	Ave	0.2382	0.2487		52200	50000	4.4	20.0
2-Methylnaphthalene	Ave	0.6286	0.6836		54400	50000	8.8	20.0
1-Methylnaphthalene	Ave	0.6139	0.6297		51300	50000	2.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7073	0.6670		47200	50000	-5.7	20.0
Hexachlorocyclopentadiene	Ave	0.3933	0.3997	0.0500	50800	50000	1.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.3828	0.3867		50500	50000	1.0	20.0
2,4,6-Trichlorophenol	Ave	0.3981	0.3814		47900	50000	-4.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69325/2 Calibration Date: 04/01/2011 15:52

Instrument ID: BNAMS11 Calib Start Date: 03/21/2011 11:14

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/21/2011 13:13

Lab File ID: z15641.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4034	0.4175		51700	50000	3.5	20.0
2-Chloronaphthalene	Ave	1.241	1.198		48300	50000	-3.5	20.0
Diphenyl	Ave	1.604	1.571		49000	50000	-2.0	20.0
Diphenyl ether	Ave	0.9013	0.8742		48500	50000	-3.0	20.0
2-Nitroaniline	Ave	0.3831	0.4107		53600	50000	7.2	20.0
1,3-Dimethylnaphthalene	Ave	1.007	0.9779		48600	50000	-2.9	20.0
Coumarin	Ave	0.1422	0.1698		59700	50000	19.4	20.0
Dimethyl phthalate	Ave	1.099	1.119		50900	50000	1.8	20.0
Acenaphthylene	Ave	1.846	1.811		49000	50000	-1.9	20.0
2,6-Dinitrotoluene	Ave	0.2435	0.2704		55500	50000	11.0	20.0
3-Nitroaniline	Ave	0.2457	0.2724		55400	50000	10.8	20.0
Acenaphthene	Ave	1.081	1.052		48700	50000	-2.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.089	1.085		49800	50000	-0.4	20.0
2,4-Dinitrophenol	QuaF	0.1035	0.1383	0.0500	59300	50000	18.7	20.0
Dibenzofuran	Ave	1.561	1.549		49600	50000	-0.8	20.0
2,4-Dinitrotoluene	Ave	0.2846	0.3199		56200	50000	12.4	20.0
4-Nitrophenol	QuaF	0.1416	0.1824	0.0500	60600	50000	21.2*	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2744	0.2898		52800	50000	5.6	20.0
2-Naphthylamine	Ave	0.8206	0.8338		50800	50000	1.6	20.0
Diethyl phthalate	Ave	0.9261	0.9537		51500	50000	3.0	20.0
Fluorene	Ave	1.170	1.149		49100	50000	-1.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.5908	0.5951		50400	50000	0.7	20.0
4-Nitroaniline	Ave	0.1780	0.2024		56900	50000	13.7	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1260	0.1465		54500	50000	9.0	20.0
N-Nitrosodiphenylamine	Ave	0.6071	0.5908		48700	50000	-2.7	20.0
1,2-Diphenylhydrazine	Ave	1.167	1.172		50200	50000	0.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2693	0.2642		49100	50000	-1.9	20.0
Hexachlorobenzene	Ave	0.2980	0.2920		49000	50000	-2.0	20.0
Atrazine	Ave	0.1975	0.2169		54900	50000	9.8	20.0
Pentachlorophenol	QuaF	0.1479	0.1620		52800	50000	5.6	20.0
Phenanthrene	Ave	1.134	1.131		49900	50000	-0.2	20.0
Anthracene	Ave	1.149	1.127		49000	50000	-1.9	20.0
n-Octadecane	Ave	0.6031	0.5612		46500	50000	-7.0	20.0
Carbazole	Ave	0.8417	0.9053		53800	50000	7.6	20.0
Di-n-butyl phthalate	Ave	0.9579	1.066		55700	50000	11.3	20.0
Fluoranthene	Ave	0.8794	0.9606		54600	50000	9.2	20.0
Benzidine	Ave	0.0757	0.0322		21300	50000	-57.5*	20.0
Pyrene	Ave	1.621	1.639		50600	50000	1.2	20.0
Butyl benzyl phthalate	Ave	0.5155	0.5617		54500	50000	9.0	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1814	0.2085		575	500	14.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69325/2 Calibration Date: 04/01/2011 15:52

Instrument ID: BNAMS11 Calib Start Date: 03/21/2011 11:14

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/21/2011 13:13

Lab File ID: z15641.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.3813	0.3858		50600	50000	1.2	20.0
Benzo[a]anthracene	Ave	1.089	1.058		48600	50000	-2.8	20.0
3,3'-Dichlorobenzidine	Ave	0.3256	0.3120		47900	50000	-4.2	20.0
Chrysene	Ave	1.076	1.064		49400	50000	-1.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.6477	0.7163		55300	50000	10.6	20.0
Di-n-octyl phthalate	QuaF	1.105	1.463		58100	50000	16.3	20.0
Benzo[b]fluoranthene	Ave	1.104	1.173		53100	50000	6.2	20.0
Benzo[k]fluoranthene	Ave	1.333	1.478		55500	50000	10.9	20.0
Benzo[a]pyrene	QuaF	0.9134	1.000		51500	50000	3.1	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.8057	0.8286		48600	50000	-2.8	20.0
Dibenz(a,h)anthracene	QuaF	0.8134	0.8626		50100	50000	0.2	20.0
Benzo[g,h,i]perylene	Ave	0.9720	0.9279		47700	50000	-4.5	20.0
2-Fluorophenol	Ave	1.244	1.202		48300	50000	-3.4	20.0
Phenol-d5	Ave	1.451	1.468		50600	50000	1.1	20.0
Nitrobenzene-d5	Ave	0.4191	0.4181		49900	50000	-0.2	20.0
2-Fluorobiphenyl	Ave	1.568	1.511		48200	50000	-3.6	20.0
2,4,6-Tribromophenol	Ave	0.1668	0.1866		55900	50000	11.9	20.0
Terphenyl-d14	Ave	1.079	1.149		53200	50000	6.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68940/2 Calibration Date: 03/30/2011 04:01

Instrument ID: BNAMS4 Calib Start Date: 03/18/2011 05:47

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/18/2011 07:36

Lab File ID: u66358.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4573	0.0000		10.0	50000	-100.0*	20.0
N-Nitrosodimethylamine	Ave	0.6947	0.7683		55300	50000	10.6	20.0
Pyridine	Ave	1.069	1.163		54400	50000	8.8	20.0
Benzaldehyde	Ave	0.4495	0.3007		33500	50000	-33.1*	20.0
Aniline	Ave	1.643	1.591		48400	50000	-3.2	20.0
Phenol	Ave	1.387	1.248		45000	50000	-10.0	20.0
Bis(2-chloroethyl)ether	QuaF	1.075	0.999		53800	50000	7.7	20.0
2-Chlorophenol	Ave	1.189	1.133		47700	50000	-4.7	20.0
Decane	QuaF	1.263	1.265		54000	50000	8.1	20.0
1,3-Dichlorobenzene	Ave	1.493	1.466		49100	50000	-1.8	20.0
1,4-Dichlorobenzene	Ave	1.456	1.446		49600	50000	-0.7	20.0
1,2-Dichlorobenzene	Ave	1.489	1.450		48700	50000	-2.6	20.0
Benzyl alcohol	Ave	0.6837	0.6483		47400	50000	-5.2	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.738	1.673		48100	50000	-3.7	20.0
2-Methylphenol	Ave	0.9665	0.9210		47600	50000	-4.7	20.0
Acetophenone	Ave	1.836	1.755		47800	50000	-4.4	20.0
N-Nitrosodi-n-propylamine	Ave	0.9302	0.9242	0.0500	49700	50000	-0.7	20.0
o-Toluidine	QuaF	1.246	1.114		55400	50000	10.9	20.0
Hexachloroethane	Ave	0.7792	0.7271		46700	50000	-6.7	20.0
3 & 4 Methylphenol	Ave	0.9165	0.8594		46900	50000	-6.2	20.0
4-Methylphenol	Ave	0.8747	0.8426		48200	50000	-3.7	20.0
n,n'-Dimethylaniline	Ave	1.507	1.481		49100	50000	-1.7	20.0
Nitrobenzene	Ave	0.7576	0.6747		44500	50000	-10.9	20.0
Isophorone	Ave	1.015	0.9677		47700	50000	-4.7	20.0
2-Nitrophenol	Ave	0.2650	0.2556		48200	50000	-3.5	20.0
2,4-Dimethylphenol	Ave	0.3196	0.3048		47700	50000	-4.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.4653	0.4214		45300	50000	-9.4	20.0
2,4-Dichlorophenol	Ave	0.4365	0.4589		52600	50000	5.1	20.0
1,2,4-Trichlorobenzene	Ave	0.4007	0.3742		46700	50000	-6.6	20.0
Benzoic acid	Ave	0.1647	0.2020		61300	50000	22.6*	20.0
Naphthalene	Ave	1.025	0.8816		43000	50000	-14.0	20.0
4-Chloroaniline	Ave	0.4439	0.4096		46100	50000	-7.7	20.0
Hexachlorobutadiene	Ave	0.3266	0.3036		46500	50000	-7.0	20.0
Caprolactam	Ave	0.1049	0.1052		50100	50000	0.2	20.0
4-Chloro-3-methylphenol	Ave	0.4695	0.4507		48000	50000	-4.0	20.0
2-Methylnaphthalene	Ave	0.7591	0.6860		45200	50000	-9.6	20.0
1-Methylnaphthalene	Ave	0.7738	0.7290		47100	50000	-5.8	20.0
Hexachlorocyclopentadiene	QuaF	0.3192	0.3485	0.0500	49700	50000	-0.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5372	0.5249		48900	50000	-2.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.6939	0.6797		49000	50000	-2.0	20.0
2,4,6-Trichlorophenol	Ave	0.3149	0.3202		50800	50000	1.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68940/2 Calibration Date: 03/30/2011 04:01

Instrument ID: BNAMS4 Calib Start Date: 03/18/2011 05:47

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/18/2011 07:36

Lab File ID: u66358.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.3636	0.3462		47600	50000	-4.8	20.0
2-Chloronaphthalene	Ave	1.233	1.282		52000	50000	3.9	20.0
Diphenyl	Ave	1.512	1.633		54000	50000	8.0	20.0
Diphenyl ether	Ave	0.7596	0.6604		43500	50000	-13.1	20.0
2-Nitroaniline	Ave	0.4041	0.3756		46500	50000	-7.1	20.0
1,3-Dimethylnaphthalene	Ave	0.8589	0.8717		50700	50000	1.5	20.0
Coumarin	Ave	0.3066	0.3126		51000	50000	2.0	20.0
Dimethyl phthalate	Ave	1.542	1.478		47900	50000	-4.1	20.0
2,6-Dinitrotoluene	QuaF	0.3660	0.3956		56900	50000	13.8	20.0
Acenaphthylene	Ave	1.735	1.701		49000	50000	-1.9	20.0
3-Nitroaniline	Ave	0.3005	0.2835		47200	50000	-5.7	20.0
Acenaphthene	Ave	0.9792	0.9233		47100	50000	-5.7	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.8783	0.8044		45800	50000	-8.4	20.0
2,4-Dinitrophenol	QuaF	0.1524	0.1969	0.0500	56700	50000	13.5	20.0
Dibenzofuran	Ave	1.562	1.385		44300	50000	-11.3	20.0
4-Nitrophenol	Ave	0.3027	0.2804	0.0500	46300	50000	-7.4	20.0
2,4-Dinitrotoluene	Ave	0.4805	0.4764		49600	50000	-0.9	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3359	0.3530		52500	50000	5.1	20.0
2-Naphthylamine	Ave	0.8779	0.7453		42400	50000	-15.1	20.0
Diethyl phthalate	Ave	1.718	1.677		48800	50000	-2.4	20.0
Fluorene	Ave	1.300	1.201		46200	50000	-7.6	20.0
4-Chlorophenyl phenyl ether	QuaF	0.5101	0.4673		51600	50000	3.2	20.0
4-Nitroaniline	Ave	0.2903	0.2681		46200	50000	-7.7	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1560	0.1610		50800	50000	1.5	20.0
N-Nitrosodiphenylamine	Ave	0.6472	0.5766		44500	50000	-10.9	20.0
1,2-Diphenylhydrazine	Ave	1.268	1.183		46600	50000	-6.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2917	0.3024		51800	50000	3.7	20.0
Hexachlorobenzene	Ave	0.2988	0.2854		47800	50000	-4.5	20.0
Atrazine	Ave	0.2686	0.2748		51200	50000	2.3	20.0
Pentachlorophenol	QuaF	0.1945	0.1891		46100	50000	-7.7	20.0
n-Octadecane	Ave	0.4581	0.4061		44300	50000	-11.3	20.0
Phenanthrene	Ave	1.141	1.109		48600	50000	-2.8	20.0
Anthracene	Ave	1.180	1.053		44600	50000	-10.7	20.0
Carbazole	Ave	1.254	1.113		44400	50000	-11.2	20.0
Di-n-butyl phthalate	Ave	2.137	1.900		44500	50000	-11.1	20.0
Fluoranthene	Ave	1.292	1.158		44800	50000	-10.4	20.0
Benzidine	Ave	0.2014	0.0806		20000	50000	-60.0*	20.0
Pyrene	Ave	1.207	1.421		58900	50000	17.8	20.0
Butyl benzyl phthalate	Ave	0.9018	0.9337		51800	50000	3.5	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1051	0.0643		306	500	-38.8*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-68940/2 Calibration Date: 03/30/2011 04:01

Instrument ID: BNAMS4 Calib Start Date: 03/18/2011 05:47

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/18/2011 07:36

Lab File ID: u66358.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.4656	0.4416		47400	50000	-5.2	20.0
3,3'-Dichlorobenzidine	Ave	0.4114	0.3776		45900	50000	-8.2	20.0
Benzo[a]anthracene	Ave	1.153	1.150		49900	50000	-0.3	20.0
Chrysene	Ave	0.8743	0.8210		47000	50000	-6.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.136	1.213		53400	50000	6.8	20.0
Di-n-octyl phthalate	Ave	2.958	3.304		55800	50000	11.7	20.0
Benzo[b]fluoranthene	Ave	1.401	1.313		46800	50000	-6.3	20.0
Benzo[k]fluoranthene	Ave	1.279	1.444		56400	50000	12.9	20.0
Benzo[a]pyrene	Ave	1.040	1.135		54600	50000	9.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9190	1.008		54800	50000	9.6	20.0
Dibenz(a,h)anthracene	Ave	0.7413	0.7610		51300	50000	2.7	20.0
Benzo[g,h,i]perylene	Ave	0.7734	0.8167		52800	50000	5.6	20.0
2-Fluorophenol	Ave	1.029	1.022		49600	50000	-0.7	20.0
Phenol-d5	Ave	1.321	1.306		49400	50000	-1.2	20.0
Nitrobenzene-d5	Ave	0.6389	0.6073		47500	50000	-4.9	20.0
2-Fluorobiphenyl	Ave	1.240	1.090		44000	50000	-12.1	20.0
2,4,6-Tribromophenol	Ave	0.2136	0.2395		56000	50000	12.1	20.0
Terphenyl-d14	Ave	0.9848	1.158		58800	50000	17.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69541/2 Calibration Date: 04/03/2011 19:45

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66441.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.9338	0.8649		46300	50000	-7.4	20.0
N-Nitrosodimethylamine	Ave	1.514	1.451		47900	50000	-4.2	20.0
Pyridine	Ave	2.180	2.026		46500	50000	-7.1	20.0
Benzaldehyde	Ave	0.6060	0.4012		33100	50000	-33.8*	20.0
Phenol	Ave	2.352	2.378		50600	50000	1.1	20.0
Aniline	Ave	2.724	2.558		46900	50000	-6.1	20.0
Bis(2-chloroethyl)ether	QuaF	2.000	1.625		49400	50000	-1.2	20.0
2-Chlorophenol	Ave	1.608	1.561		48500	50000	-2.9	20.0
Decane	QuaF	1.838	1.676		49600	50000	-0.8	20.0
1,3-Dichlorobenzene	Ave	1.552	1.471		47400	50000	-5.2	20.0
1,4-Dichlorobenzene	Ave	1.403	1.329		47400	50000	-5.2	20.0
Benzyl alcohol	Ave	1.210	1.312		54200	50000	8.4	20.0
1,2-Dichlorobenzene	Ave	1.388	1.316		47400	50000	-5.2	20.0
2-Methylphenol	Ave	1.603	1.642		51200	50000	2.4	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.072	3.012		49000	50000	-2.0	20.0
o-Toluidine	Ave	2.898	2.242		38700	50000	-22.6*	20.0
3 & 4 Methylphenol	QuaF	1.522	1.496		55500	50000	10.9	20.0
4-Methylphenol	QuaF	1.517	1.487		55800	50000	11.6	20.0
Acetophenone	Ave	1.721	1.663		48300	50000	-3.4	20.0
N-Nitrosodi-n-propylamine	Ave	0.9890	1.005	0.0500	50800	50000	1.6	20.0
Hexachloroethane	Ave	0.6563	0.6009		45800	50000	-8.4	20.0
n,n'-Dimethylaniline	QuaF	1.932	1.827		52700	50000	5.3	20.0
Nitrobenzene	QuaF	0.5417	0.4935		51500	50000	3.0	20.0
Isophorone	Ave	0.9593	1.003		52300	50000	4.6	20.0
2-Nitrophenol	Ave	0.2522	0.2604		51600	50000	3.2	20.0
2,4-Dimethylphenol	Ave	0.4081	0.3970		48600	50000	-2.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.5522	0.5291		47900	50000	-4.2	20.0
Benzoic acid	Ave	0.1952	0.1882		48200	50000	-3.6	20.0
2,4-Dichlorophenol	Ave	0.3339	0.3395		50800	50000	1.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3259	0.3175		48700	50000	-2.6	20.0
Naphthalene	Ave	1.007	0.9557		47400	50000	-5.1	20.0
4-Chloroaniline	Ave	0.4814	0.4793		49800	50000	-0.4	20.0
Hexachlorobutadiene	Ave	0.1434	0.1442		50300	50000	0.5	20.0
Caprolactam	Ave	0.1592	0.1770		55600	50000	11.2	20.0
4-Chloro-3-methylphenol	Ave	0.3718	0.3817		51300	50000	2.6	20.0
2-Methylnaphthalene	Ave	0.6995	0.6922		49500	50000	-1.0	20.0
1-Methylnaphthalene	QuaF	0.6710	0.6640		53600	50000	7.2	20.0
Hexachlorocyclopentadiene	Ave	0.2663	0.2319	0.0500	43500	50000	-12.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4445	0.3933		44200	50000	-11.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4312	0.4320		50100	50000	0.2	20.0
2,4,6-Trichlorophenol	Ave	0.3724	0.3432		46100	50000	-7.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69541/2 Calibration Date: 04/03/2011 19:45

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66441.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.3608	0.3520		48800	50000	-2.4	20.0
Diphenyl	QuaF	1.406	1.343		52800	50000	5.6	20.0
2-Chloronaphthalene	Ave	1.138	1.044		45900	50000	-8.3	20.0
Diphenyl ether	Ave	0.8115	0.7855		48400	50000	-3.2	20.0
2-Nitroaniline	Ave	0.4770	0.4479		46900	50000	-6.1	20.0
1,3-Dimethylnaphthalene	Ave	0.9637	0.9093		47200	50000	-5.6	20.0
Dimethyl phthalate	Ave	1.345	1.234		45900	50000	-8.2	20.0
Coumarin	Ave	0.2652	0.2576		48600	50000	-2.9	20.0
2,6-Dinitrotoluene	Ave	0.3230	0.3239		50100	50000	0.3	20.0
Acenaphthylene	Ave	1.784	1.636		45900	50000	-8.3	20.0
3-Nitroaniline	Ave	0.4215	0.3818		45300	50000	-9.4	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.5979	0.5609		46900	50000	-6.2	20.0
Acenaphthene	QuaF	0.9469	0.8433		49300	50000	-1.4	20.0
2,4-Dinitrophenol	QuaF	0.1556	0.1437	0.0500	44100	50000	-11.8	20.0
4-Nitrophenol	Ave	0.2975	0.2571	0.0500	43200	50000	-13.6	20.0
2,4-Dinitrotoluene	Ave	0.4013	0.3752		46800	50000	-6.5	20.0
Dibenzofuran	Ave	1.561	1.389		44500	50000	-11.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2964	0.2776		46800	50000	-6.3	20.0
2-Naphthylamine	Ave	1.075	0.9443		43900	50000	-12.2	20.0
Diethyl phthalate	Ave	1.229	1.055		42900	50000	-14.1	20.0
4-Chlorophenyl phenyl ether	QuaF	0.4510	0.4136		49800	50000	-0.3	20.0
Fluorene	QuaF	1.128	0.9914		48700	50000	-2.6	20.0
4-Nitroaniline	Ave	0.3873	0.3464		44700	50000	-10.6	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1592	0.1478		46400	50000	-7.2	20.0
N-Nitrosodiphenylamine	QuaF	0.7143	0.6614		51700	50000	3.3	20.0
1,2-Diphenylhydrazine	QuaF	1.325	1.219		50400	50000	0.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2576	0.2598		50400	50000	0.9	20.0
Hexachlorobenzene	Ave	0.2623	0.2695		51400	50000	2.7	20.0
Atrazine	QuaF	0.1976	0.1880		50700	50000	1.5	20.0
Pentachlorophenol	Ave	0.1857	0.1771		47700	50000	-4.7	20.0
n-Octadecane	QuaF	0.8073	0.7681		52900	50000	5.9	20.0
Phenanthrene	Ave	1.169	1.094		46800	50000	-6.4	20.0
Anthracene	QuaF	1.226	1.100		49800	50000	-0.4	20.0
Carbazole	QuaF	1.308	1.159		48900	50000	-2.1	20.0
Di-n-butyl phthalate	QuaF	1.666	1.536		51900	50000	3.8	20.0
Fluoranthene	QuaF	1.149	0.9623		45200	50000	-9.6	20.0
Benzidine	Ave	0.3438	0.1687		24500	50000	-50.9*	20.0
Pyrene	Ave	1.473	1.594		54100	50000	8.2	20.0
Butyl benzyl phthalate	Ave	0.9466	0.9746		51500	50000	3.0	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2850	0.1664		292	500	-41.6*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVIS 460-69541/2 Calibration Date: 04/03/2011 19:45

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66441.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.4744	0.4687		49400	50000	-1.2	20.0
3,3'-Dichlorobenzidine	Ave	0.4468	0.4519		50600	50000	1.1	20.0
Benzo[a]anthracene	Ave	1.232	1.190		48300	50000	-3.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.999	0.9380		47000	50000	-6.1	20.0
Chrysene	Ave	1.004	0.998		49700	50000	-0.5	20.0
Di-n-octyl phthalate	Ave	2.456	2.174		44300	50000	-11.5	20.0
Benzo[b]fluoranthene	Ave	1.419	1.268		44700	50000	-10.7	20.0
Benzo[k]fluoranthene	Ave	1.334	1.265		47400	50000	-5.2	20.0
Benzo[a]pyrene	Ave	1.100	1.121		50900	50000	1.9	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.7799	0.9554		61200	50000	22.5*	20.0
Dibenz(a,h)anthracene	Ave	0.7317	0.8747		59800	50000	19.5	20.0
Benzo[g,h,i]perylene	Ave	0.7689	0.9183		59700	50000	19.4	20.0
2-Fluorophenol	Ave	2.101	2.067		49200	50000	-1.6	20.0
Phenol-d5	Ave	2.429	2.529		52000	50000	4.1	20.0
Nitrobenzene-d5	Ave	0.4430	0.4393		49600	50000	-0.8	20.0
2-Fluorobiphenyl	Ave	1.332	1.247		46800	50000	-6.4	20.0
2,4,6-Tribromophenol	Ave	0.2024	0.1926		47600	50000	-4.9	20.0
Terphenyl-d14	Ave	1.083	1.216		56200	50000	12.3	20.0

Data File: /chem/BNAMS10.i/8270/02-26-11/26feb11.b/p9564.d
Report Date: 28-Feb-2011 07:08

TestAmerica

Data file : /chem/BNAMS10.i/8270/02-26-11/26feb11.b/p9564.d
Lab Smp Id: DFTPP-697155
Inj Date : 26-FEB-2011 13:04
Operator : BNAMS3 Inst ID: BNAMS10.i
Smp Info : DFTPP-697155
Misc Info : 50 ppm BNA4517
Comment :
Method : /chem/BNAMS10.i/8270/02-26-11/26feb11.b/BNADFTPP.m
Meth Date : 01-Feb-2011 07:19 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.541	4.780	-0.239	198	66523			0.00- 100.00	100.00
4.541	4.780	-0.239	51	25221			30.00- 60.00	37.91
4.541	4.780	-0.239	68	452			0.00- 2.00	1.52
4.541	4.780	-0.239	69	29667			0.00- 0.00	44.60
4.541	4.780	-0.239	70	306			0.00- 2.00	1.03
4.541	4.780	-0.239	127	35796			40.00- 60.00	53.81
4.541	4.780	-0.239	197	0			0.00- 1.00	0.00
4.541	4.780	-0.239	199	4658			5.00- 9.00	7.00
4.541	4.780	-0.239	275	16657			10.00- 30.00	25.04
4.541	4.780	-0.239	365	2524			1.00- 0.00	3.79
4.541	4.780	-0.239	441	7609			0.01- 100.00	76.57
4.541	4.780	-0.239	442	53328			40.00- 110.00	80.16
4.541	4.780	-0.239	443	9937			17.00- 23.00	18.63

Data File: p9564.d

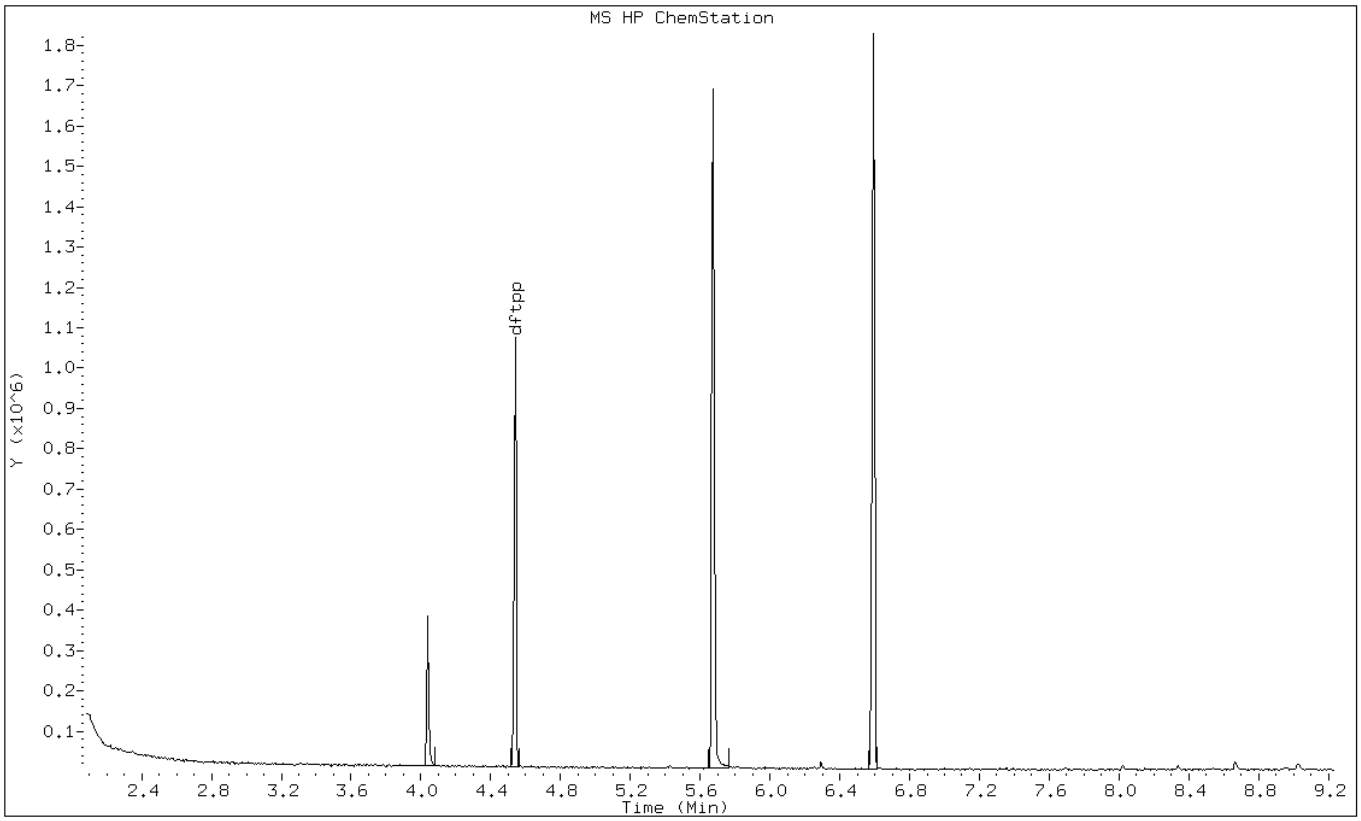
Date: 26-FEB-2011 13:04

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-697155

Operator: BNAMS3



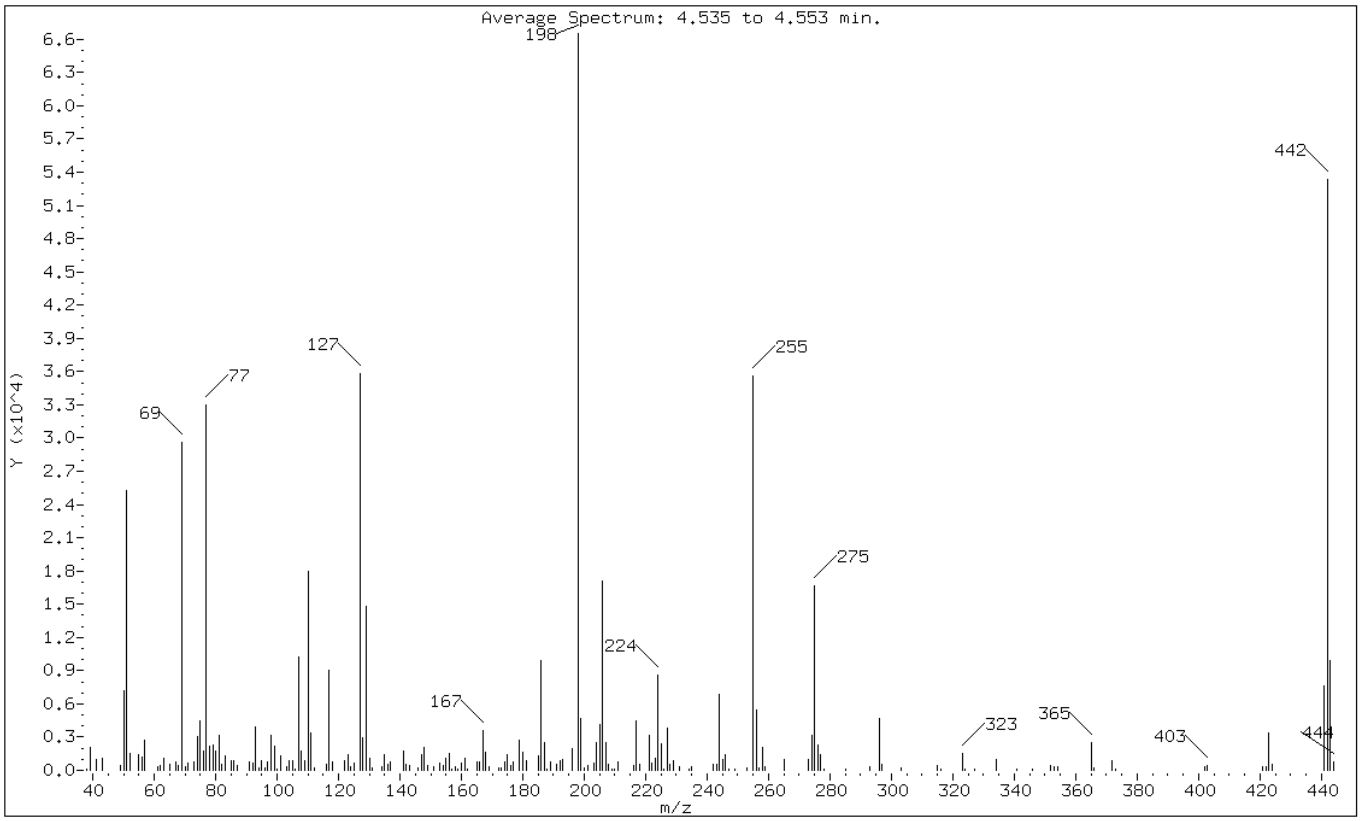
Data File: p9564.d

Date: 26-FEB-2011 13:04

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-697155 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	37.91
68	Less than 2.00% of mass 69	0.68 (1.52)
69	Mass 69 relative abundance	44.60
70	Less than 2.00% of mass 69	0.46 (1.03)
127	40.00 - 60.00% of mass 198	53.81
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.00
275	10.00 - 30.00% of mass 198	25.04
365	Greater than 1.00% of mass 198	3.79
441	0.01 - 100.00% of mass 443	11.44 (76.57)
442	40.00 - 110.00% of mass 198	80.16
443	17.00 - 23.00% of mass 442	14.94 (18.63)

Data File: p9564.d

Date: 26-FEB-2011 13:04

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-697155 Operator: BNAMS3

Data File: /chem/BNAMS10.i/8270/02-26-11/26feb11.b/p9564.d
Spectrum: Average Spectrum: 4.535 to 4.553 min.
Location of Maximum: 198.00
Number of points: 190

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	133	106.00	147	174.00	816	246.00	1368
39.00	2015	107.00	10282	175.00	1381	247.00	160
41.00	935	108.00	1746	176.00	443	249.00	133
43.00	1088	109.00	915	177.00	767	253.00	165
49.00	443	110.00	17952	179.00	2767	255.00	35624
50.00	7148	111.00	3324	180.00	1675	256.00	5449
51.00	25216	112.00	194	181.00	858	257.00	207
52.00	1473	116.00	543	185.00	1287	258.00	2041
55.00	1403	117.00	9050	186.00	9893	259.00	297
56.00	1193	118.00	735	187.00	2527	265.00	955
57.00	2703	122.00	844	188.00	131	273.00	1009
61.00	273	123.00	1469	189.00	730	274.00	3174
62.00	401	124.00	344	191.00	504	275.00	16656
63.00	1089	125.00	693	192.00	916	276.00	2243
65.00	527	127.00	35792	193.00	1005	277.00	1369
67.00	789	128.00	2908	196.00	1925	278.00	126
68.00	452	129.00	14809	198.00	66520	285.00	130
69.00	29664	130.00	1092	199.00	4658	293.00	277
70.00	306	131.00	168	200.00	195	296.00	4680
71.00	610	134.00	334	201.00	421	297.00	586
73.00	740	135.00	1451	203.00	623	303.00	241
74.00	3052	136.00	595	204.00	2463	315.00	480
75.00	4499	137.00	804	205.00	4143	316.00	129
76.00	1692	141.00	1783	206.00	17120	323.00	1520
77.00	33024	142.00	572	207.00	2528	324.00	146
78.00	2147	143.00	385	208.00	592	327.00	157
79.00	2273	146.00	166	209.00	129	334.00	951
80.00	1750	147.00	1444	210.00	126	341.00	141
81.00	3207	148.00	2103	211.00	807	346.00	138
82.00	531	149.00	457	216.00	385	352.00	415
83.00	1254	151.00	310	217.00	4411	353.00	273
85.00	817	153.00	706	218.00	594	354.00	320
86.00	866	154.00	487	221.00	3166	365.00	2524
87.00	383	155.00	1124	222.00	618	366.00	189
91.00	765	156.00	1574	223.00	1055	372.00	914
92.00	613	157.00	162	224.00	8561	373.00	128
93.00	3909	158.00	328	225.00	2347	402.00	338
94.00	190	159.00	160	226.00	131	403.00	442
95.00	831	160.00	668	227.00	3809	421.00	366
96.00	271	161.00	1035	228.00	569	422.00	298

97.00	735	162.00	148	229.00	849	423.00	3383
98.00	3157	165.00	802	231.00	299	424.00	499
99.00	2170	166.00	722	234.00	135	441.00	7609
100.00	132	167.00	3583	235.00	298	442.00	53328
101.00	1265	168.00	1640	242.00	566	443.00	9937
103.00	351	169.00	315	243.00	569	444.00	741
104.00	836	172.00	185	244.00	6868		
105.00	893	173.00	168	245.00	944		

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10099.d
Report Date: 30-Mar-2011 01:28

TestAmerica

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10099.d
Lab Smp Id: DFTPP-697155
Inj Date : 30-MAR-2011 00:08
Operator : BNA2 Inst ID: BNAMS10.i
Smp Info : DFTPP-697155
Misc Info : 50 ppm BNA4517
Comment :
Method : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/BNADFTPP.m
Meth Date : 25-Mar-2011 09:28 czhao Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 29 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.224	4.278	-0.054	198	72602			0.00- 100.00	100.00
4.224	4.278	-0.054	51	28091			30.00- 60.00	38.69
4.224	4.278	-0.054	68	585			0.00- 2.00	1.92
4.224	4.278	-0.054	69	30495			0.00- 0.00	42.00
4.224	4.278	-0.054	70	0			0.00- 2.00	0.00
4.224	4.278	-0.054	127	38689			40.00- 60.00	53.29
4.224	4.278	-0.054	197	0			0.00- 1.00	0.00
4.224	4.278	-0.054	199	4958			5.00- 9.00	6.83
4.224	4.278	-0.054	275	17772			10.00- 30.00	24.48
4.224	4.278	-0.054	365	2240			1.00- 0.00	3.09
4.224	4.278	-0.054	441	8407			0.01- 100.00	80.57
4.224	4.278	-0.054	442	57253			40.00- 110.00	78.86
4.224	4.278	-0.054	443	10435			17.00- 23.00	18.23

Data File: p10099.d

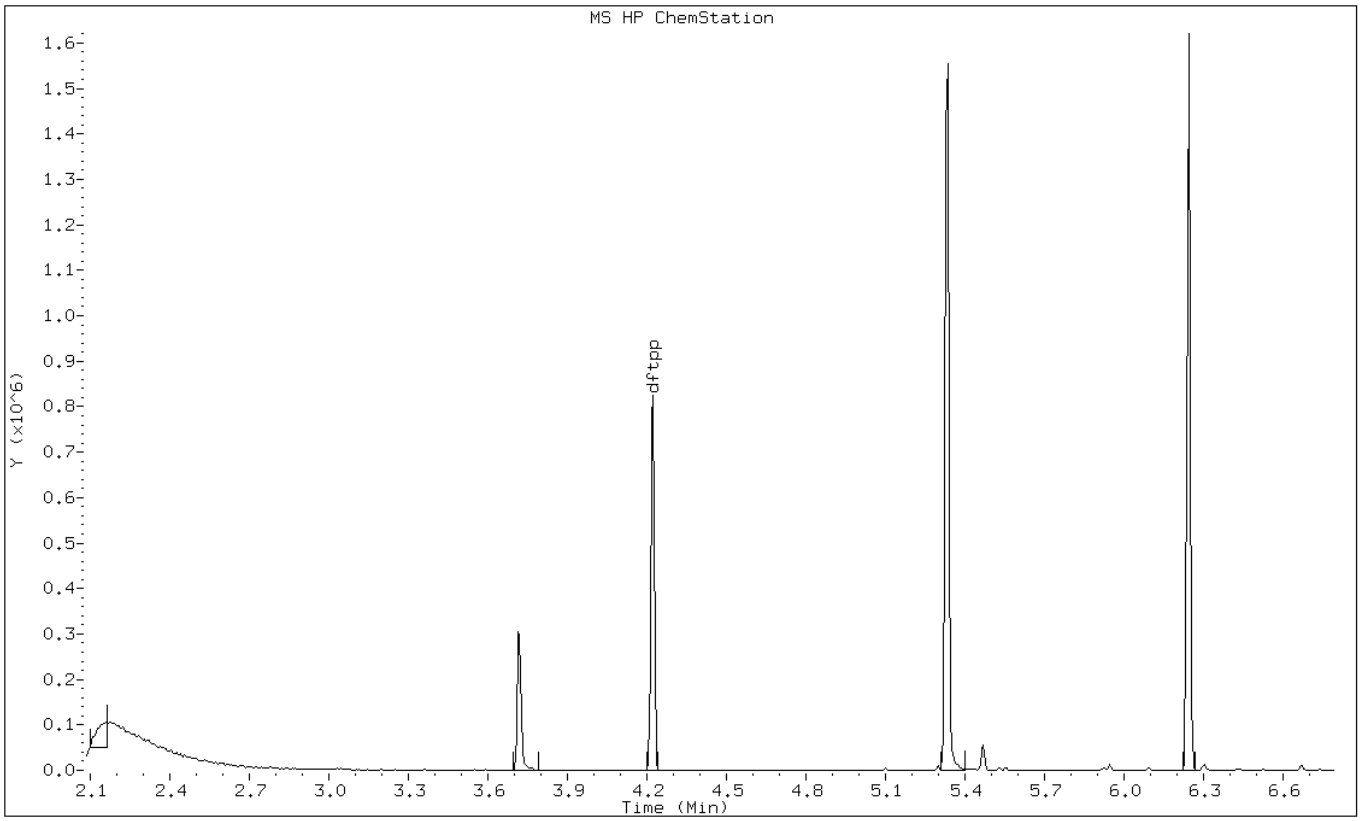
Date: 30-MAR-2011 00:08

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-697155

Operator: BNA2



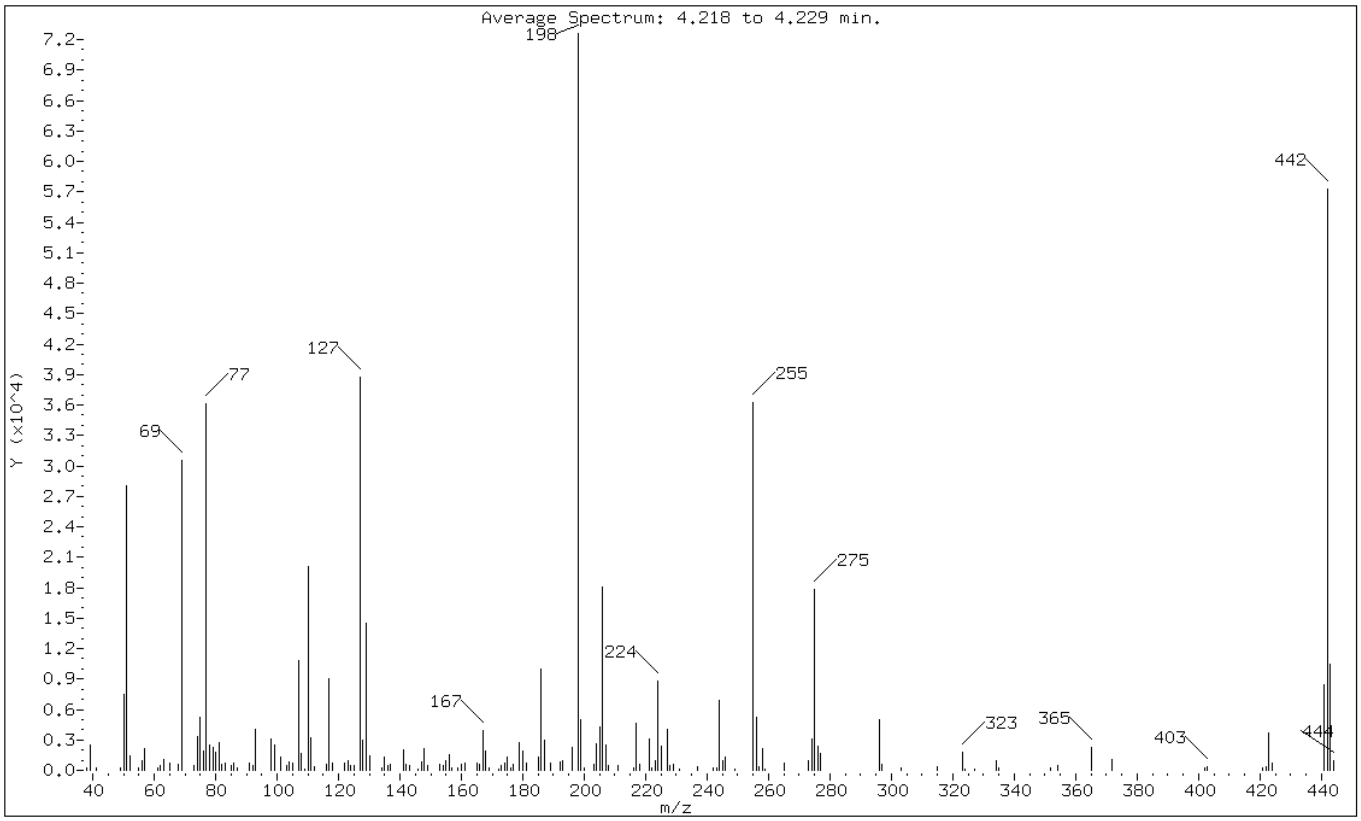
Data File: p10099.d

Date: 30-MAR-2011 00:08

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-697155 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	38.69
68	Less than 2.00% of mass 69	0.81 (1.92)
69	Mass 69 relative abundance	42.00
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	53.29
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.83
275	10.00 - 30.00% of mass 198	24.48
365	Greater than 1.00% of mass 198	3.09
441	0.01 - 100.00% of mass 443	11.58 (80.57)
442	40.00 - 110.00% of mass 198	78.86
443	17.00 - 23.00% of mass 442	14.37 (18.23)

Data File: p10099.d

Date: 30-MAR-2011 00:08

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-697155 Operator: BNA2

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10099.d
Spectrum: Average Spectrum: 4.218 to 4.229 min.
Location of Maximum: 198.00
Number of points: 159

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	203	108.00	1689	172.00	176	243.00	204
39.00	2510	109.00	178	173.00	506	244.00	6887
41.00	193	110.00	20056	174.00	728	245.00	917
49.00	208	111.00	3172	175.00	1336	246.00	1333
50.00	7473	112.00	406	176.00	231	249.00	168
51.00	28088	116.00	587	177.00	639	255.00	36192
52.00	1430	117.00	9025	179.00	2694	256.00	5213
55.00	195	118.00	667	180.00	1930	257.00	395
56.00	1005	122.00	694	181.00	747	258.00	2147
57.00	2095	123.00	983	185.00	1362	259.00	178
61.00	197	124.00	453	186.00	9996	265.00	684
62.00	448	125.00	496	187.00	2917	273.00	993
63.00	1099	127.00	38688	189.00	690	274.00	3057
65.00	667	128.00	2988	192.00	792	275.00	17768
68.00	585	129.00	14520	193.00	974	276.00	2393
69.00	30488	130.00	1399	196.00	2224	277.00	1683
73.00	429	134.00	223	198.00	72600	296.00	4964
74.00	3296	135.00	1301	199.00	4958	297.00	621
75.00	5184	136.00	442	200.00	210	303.00	200
76.00	1874	137.00	573	203.00	564	315.00	364
77.00	36072	141.00	1982	204.00	2576	323.00	1792
78.00	2489	142.00	600	205.00	4221	324.00	176
79.00	2311	143.00	436	206.00	18072	327.00	177
80.00	1734	146.00	172	207.00	2512	334.00	988
81.00	2775	147.00	866	208.00	501	335.00	185
82.00	635	148.00	2125	211.00	528	352.00	280
83.00	754	149.00	436	216.00	268	354.00	518
85.00	476	153.00	623	217.00	4585	365.00	2240
86.00	684	154.00	498	218.00	548	372.00	1014
87.00	211	155.00	1002	221.00	3047	402.00	188
91.00	703	156.00	1487	222.00	249	403.00	354
92.00	478	157.00	213	223.00	907	421.00	264
93.00	4028	159.00	179	224.00	8788	422.00	390
98.00	3122	160.00	576	225.00	2348	423.00	3680
99.00	2450	161.00	722	227.00	4065	424.00	667
101.00	1319	165.00	691	228.00	505	441.00	8407
103.00	434	166.00	541	229.00	627	442.00	57248
104.00	891	167.00	3905	231.00	170	443.00	10435
105.00	666	168.00	1857	237.00	400	444.00	928
107.00	10872	169.00	188	242.00	217		

Data File: /chem/BNAMS11.i/8270/03-04-11/21mar11.b/z15276.d
Report Date: 21-Mar-2011 12:20

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-04-11/21mar11.b/z15276.d
Lab Smp Id: DFTPP-697155
Inj Date : 21-MAR-2011 10:59
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-697155
Misc Info : 25 ppm dftpp bna 4517
Comment :
Method : /chem/BNAMS11.i/8270/03-04-11/21mar11.b/BNADFTPP.m
Meth Date : 04-Mar-2011 12:53 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
3.486	3.700	-0.214	198	15561			0.00- 100.00	100.00
3.486	3.700	-0.214	51	6525			30.00- 60.00	41.93
3.486	3.700	-0.214	68	0			0.00- 2.00	0.00
3.486	3.700	-0.214	69	7063			0.00- 0.00	45.39
3.486	3.700	-0.214	70	0			0.00- 2.00	0.00
3.486	3.700	-0.214	127	7726			40.00- 60.00	49.65
3.486	3.700	-0.214	197	0			0.00- 1.00	0.00
3.486	3.700	-0.214	199	992			5.00- 9.00	6.37
3.486	3.700	-0.214	275	4440			10.00- 30.00	28.53
3.486	3.700	-0.214	365	537			1.00- 0.00	3.45
3.486	3.700	-0.214	441	1672			0.01- 100.00	79.54
3.486	3.700	-0.214	442	11902			40.00- 110.00	76.49
3.486	3.700	-0.214	443	2102			17.00- 23.00	17.66

Data File: z15276.d

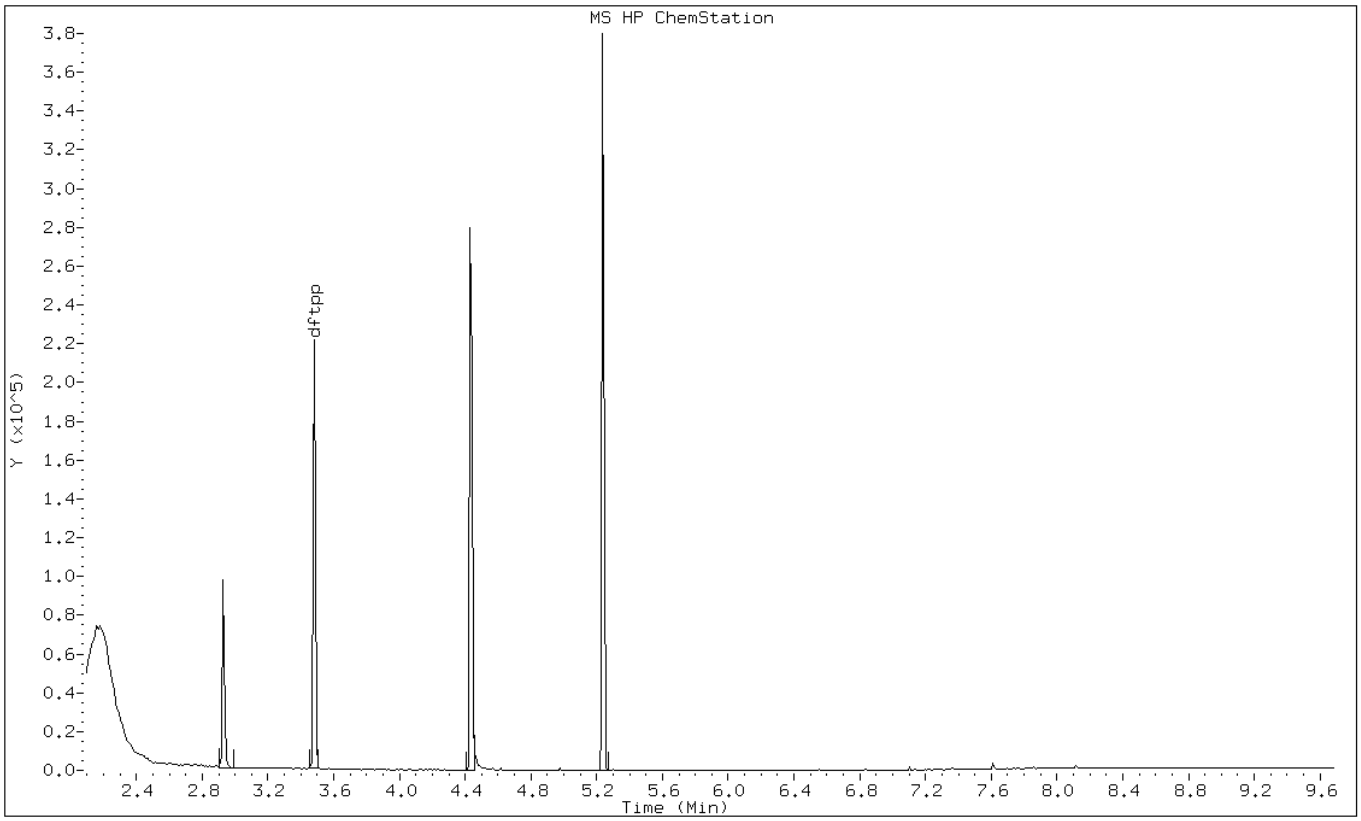
Date: 21-MAR-2011 10:59

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-697155

Operator: BNA2



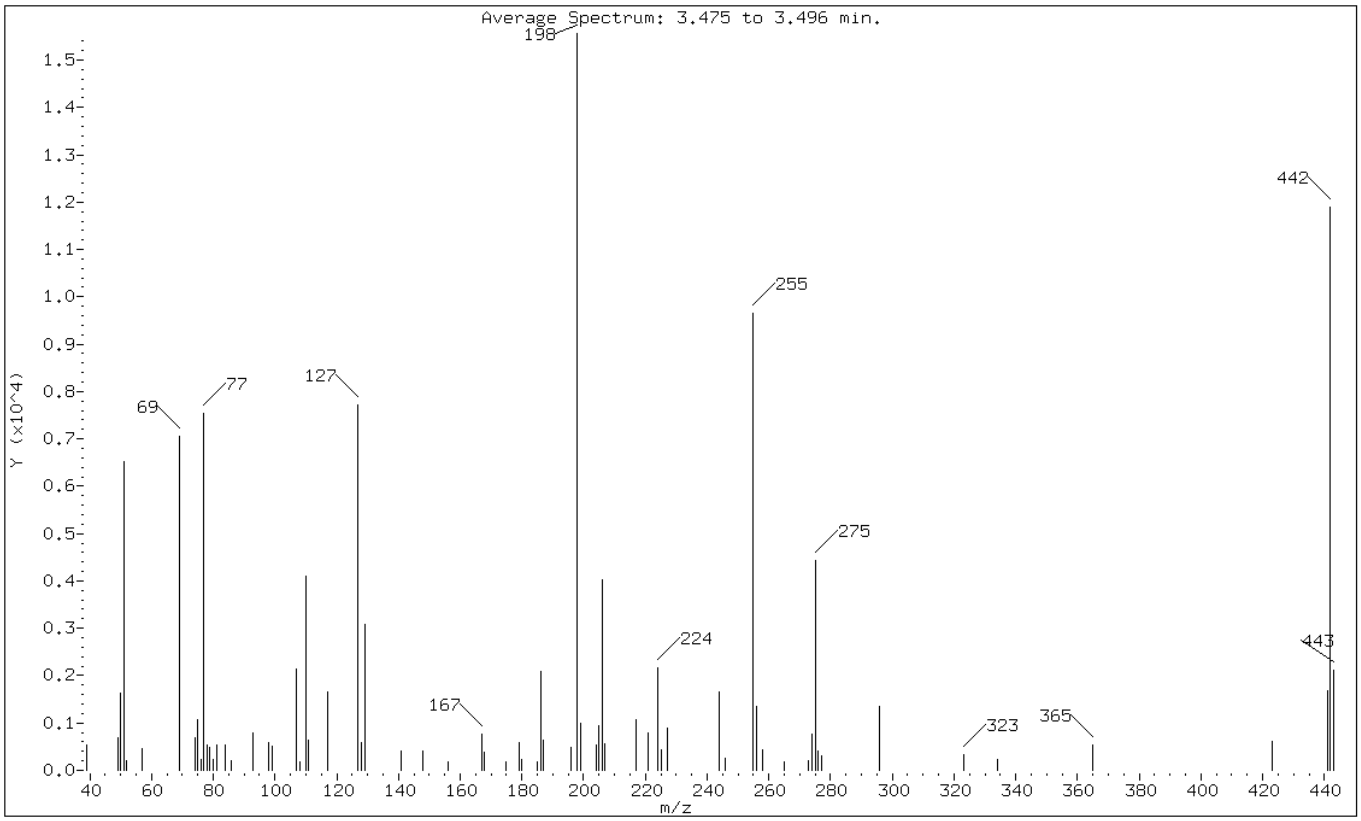
Data File: z15276.d

Date: 21-MAR-2011 10:59

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-697155 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	41.93
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	45.39
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	49.65
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.37
275	10.00 - 30.00% of mass 198	28.53
365	Greater than 1.00% of mass 198	3.45
441	0.01 - 100.00% of mass 443	10.74 (79.54)
442	40.00 - 110.00% of mass 198	76.49
443	17.00 - 23.00% of mass 442	13.51 (17.66)

Data File: z15276.d

Date: 21-MAR-2011 10:59

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-697155 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/03-21-11/21mar11.b/z15276.d
Spectrum: Average Spectrum: 3.475 to 3.496 min.
Location of Maximum: 198.00
Number of points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	525	98.00	586	185.00	181	256.00	1361
49.00	700	99.00	521	186.00	2091	258.00	434
50.00	1621	107.00	2146	187.00	625	265.00	182
51.00	6525	108.00	176	196.00	495	273.00	209
52.00	197	110.00	4108	198.00	15561	274.00	767
57.00	455	111.00	633	199.00	992	275.00	4440
69.00	7063	117.00	1645	204.00	544	276.00	398
74.00	687	127.00	7726	205.00	935	277.00	293
75.00	1079	128.00	592	206.00	4022	296.00	1353
76.00	231	129.00	3093	207.00	550	323.00	342
77.00	7537	141.00	407	217.00	1065	334.00	224
78.00	544	148.00	398	221.00	783	365.00	537
79.00	488	156.00	181	224.00	2160	423.00	615
80.00	223	167.00	758	225.00	423	441.00	1672
81.00	541	168.00	375	227.00	902	442.00	11902
84.00	530	175.00	182	244.00	1660	443.00	2102
86.00	193	179.00	586	246.00	249		
93.00	797	180.00	237	255.00	9656		

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15577.d
Report Date: 31-Mar-2011 03:45

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15577.d
Lab Smp Id: DFTPP-697155
Inj Date : 31-MAR-2011 02:30
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-697155
Misc Info : 25 ppm dftpp bna 4517
Comment :
Method : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/BNADFTPP.m
Meth Date : 04-Mar-2011 12:53 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
3.237	3.700	-0.463	198	24300			0.00- 100.00	100.00
3.237	3.700	-0.463	51	10323			30.00- 60.00	42.48
3.237	3.700	-0.463	68	0			0.00- 2.00	0.00
3.237	3.700	-0.463	69	11364			0.00- 0.00	46.77
3.237	3.700	-0.463	70	0			0.00- 2.00	0.00
3.237	3.700	-0.463	127	12496			40.00- 60.00	51.42
3.237	3.700	-0.463	197	0			0.00- 1.00	0.00
3.237	3.700	-0.463	199	1602			5.00- 9.00	6.59
3.237	3.700	-0.463	275	7004			10.00- 30.00	28.82
3.237	3.700	-0.463	365	1112			1.00- 0.00	4.58
3.237	3.700	-0.463	441	2635			0.01- 100.00	82.06
3.237	3.700	-0.463	442	16856			40.00- 110.00	69.37
3.237	3.700	-0.463	443	3211			17.00- 23.00	19.05

Data File: z15577.d

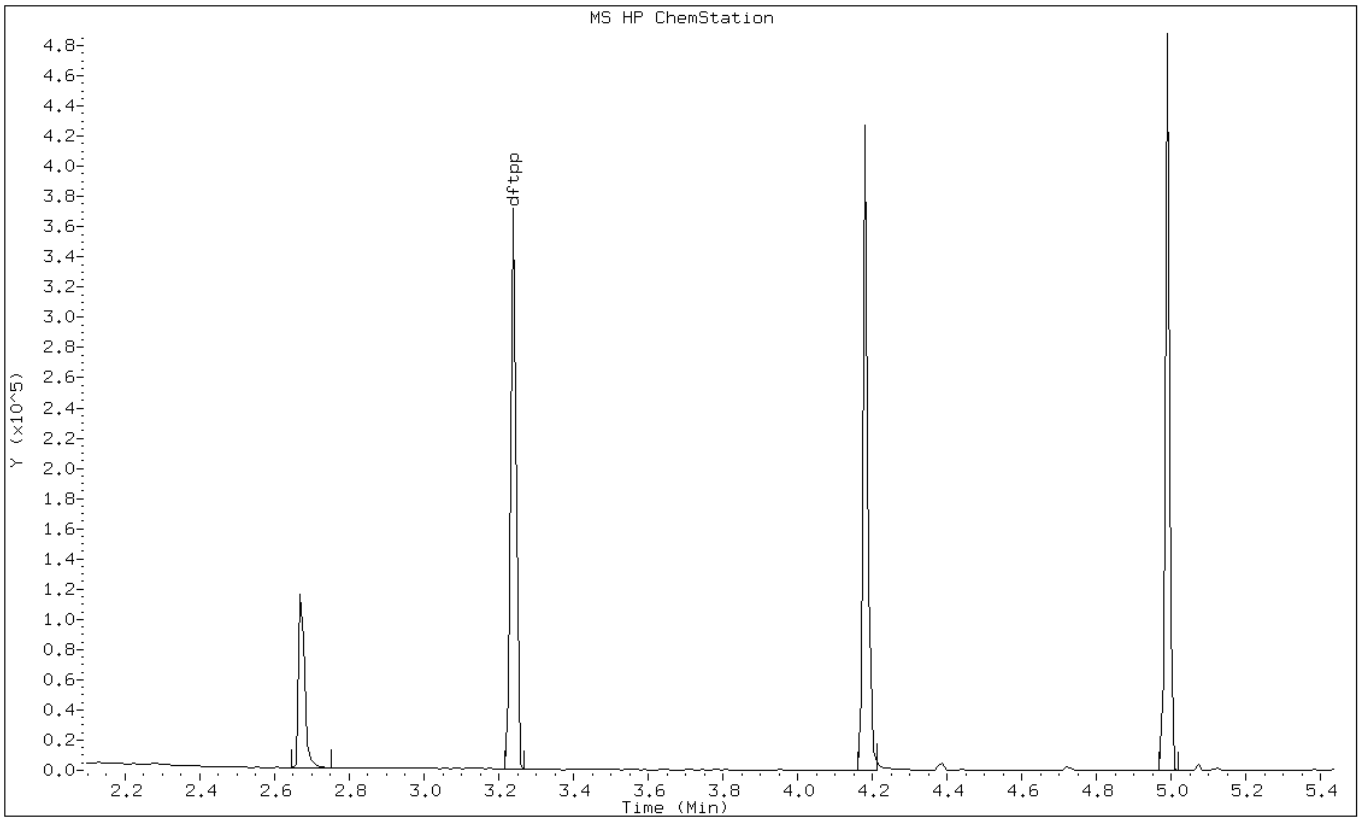
Date: 31-MAR-2011 02:30

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-697155

Operator: BNA2



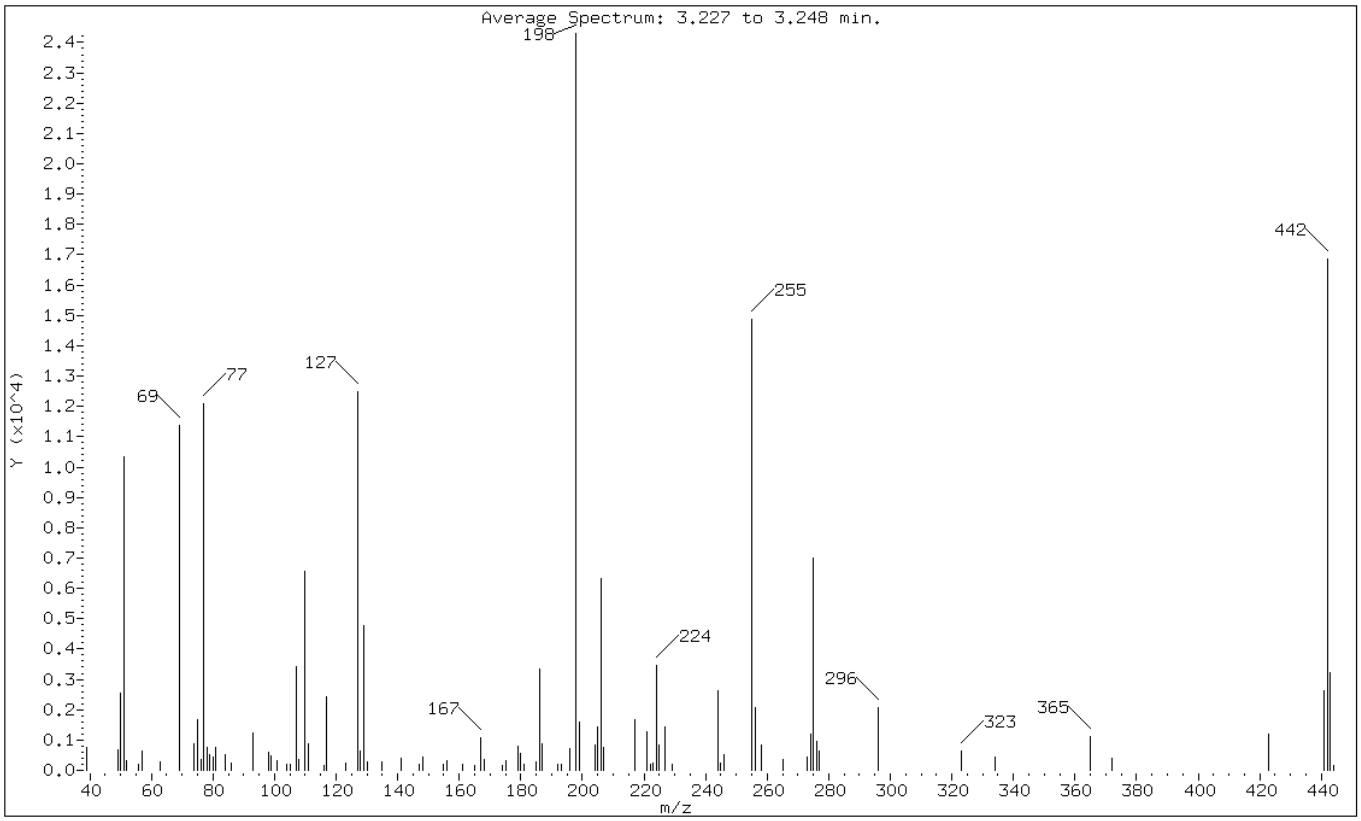
Data File: z15577.d

Date: 31-MAR-2011 02:30

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-697155 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	42.48
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	46.77
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	51.42
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.59
275	10.00 - 30.00% of mass 198	28.82
365	Greater than 1.00% of mass 198	4.58
441	0.01 - 100.00% of mass 443	10.84 (82.06)
442	40.00 - 110.00% of mass 198	69.37
443	17.00 - 23.00% of mass 442	13.21 (19.05)

Data File: z15577.d

Date: 31-MAR-2011 02:30

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-697155 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15577.d
Spectrum: Average Spectrum: 3.227 to 3.248 min.
Location of Maximum: 198.00
Number of points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	761	105.00	207	179.00	792	245.00	221
49.00	688	107.00	3400	180.00	573	246.00	509
50.00	2537	108.00	355	181.00	206	255.00	14889
51.00	10323	110.00	6545	185.00	267	256.00	2074
52.00	329	111.00	869	186.00	3324	258.00	847
56.00	203	116.00	171	187.00	874	265.00	375
57.00	645	117.00	2432	192.00	201	273.00	444
63.00	269	123.00	227	193.00	192	274.00	1181
69.00	11364	127.00	12496	196.00	705	275.00	7004
74.00	862	128.00	627	198.00	24296	276.00	945
75.00	1669	129.00	4784	199.00	1602	277.00	618
76.00	377	130.00	272	204.00	836	296.00	2062
77.00	12089	135.00	277	205.00	1443	323.00	633
78.00	746	141.00	413	206.00	6330	334.00	444
79.00	522	147.00	200	207.00	767	365.00	1112
80.00	447	148.00	443	217.00	1688	372.00	399
81.00	773	155.00	190	221.00	1280	423.00	1184
84.00	534	156.00	319	222.00	183	441.00	2635
86.00	247	161.00	180	223.00	221	442.00	16856
93.00	1243	165.00	168	224.00	3461	443.00	3211
98.00	579	167.00	1087	225.00	842	444.00	176
99.00	497	168.00	373	227.00	1437		
101.00	299	174.00	168	229.00	201		
104.00	208	175.00	303	244.00	2611		

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15640.d
Report Date: 01-Apr-2011 16:31

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15640.d
Lab Smp Id: DFTPP-697155
Inj Date : 01-APR-2011 15:08
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-697155
Misc Info : 25 ppm dftpp bna 4517
Comment :
Method : /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/BNADFTPP.m
Meth Date : 01-Apr-2011 16:30 czhao Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
3.185	3.170	0.015	198	17529			0.00- 100.00	100.00
3.185	3.170	0.015	51	7158			30.00- 60.00	40.84
3.185	3.170	0.015	68	0			0.00- 2.00	0.00
3.185	3.170	0.015	69	8161			0.00- 0.00	46.56
3.185	3.170	0.015	70	0			0.00- 2.00	0.00
3.185	3.170	0.015	127	8818			40.00- 60.00	50.31
3.185	3.170	0.015	197	0			0.00- 1.00	0.00
3.185	3.170	0.015	199	1046			5.00- 9.00	5.97
3.185	3.170	0.015	275	5065			10.00- 30.00	28.89
3.185	3.170	0.015	365	718			1.00- 0.00	4.10
3.185	3.170	0.015	441	1912			0.01- 100.00	78.81
3.185	3.170	0.015	442	13638			40.00- 110.00	77.80
3.185	3.170	0.015	443	2426			17.00- 23.00	17.79

Data File: z15640.d

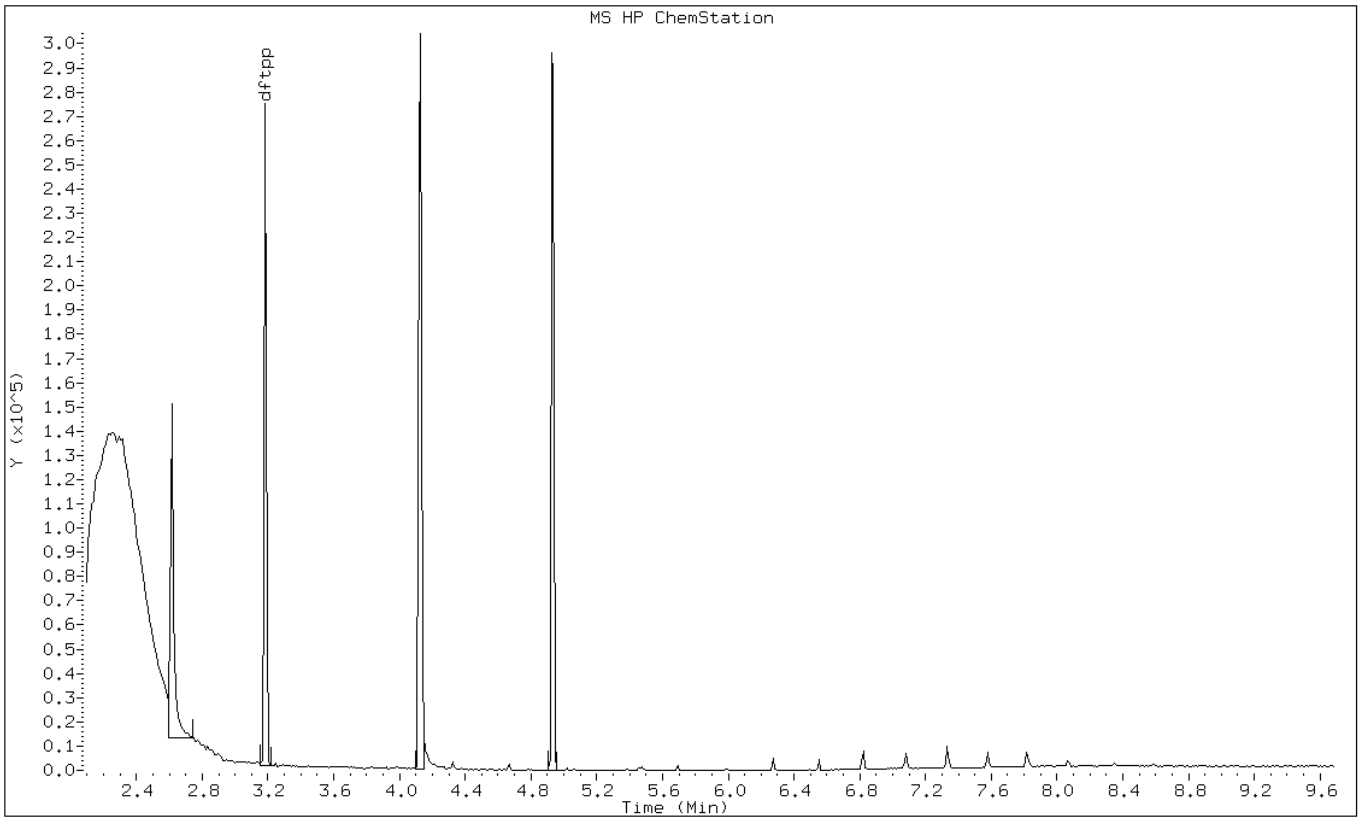
Date: 01-APR-2011 15:08

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-697155

Operator: BNA2



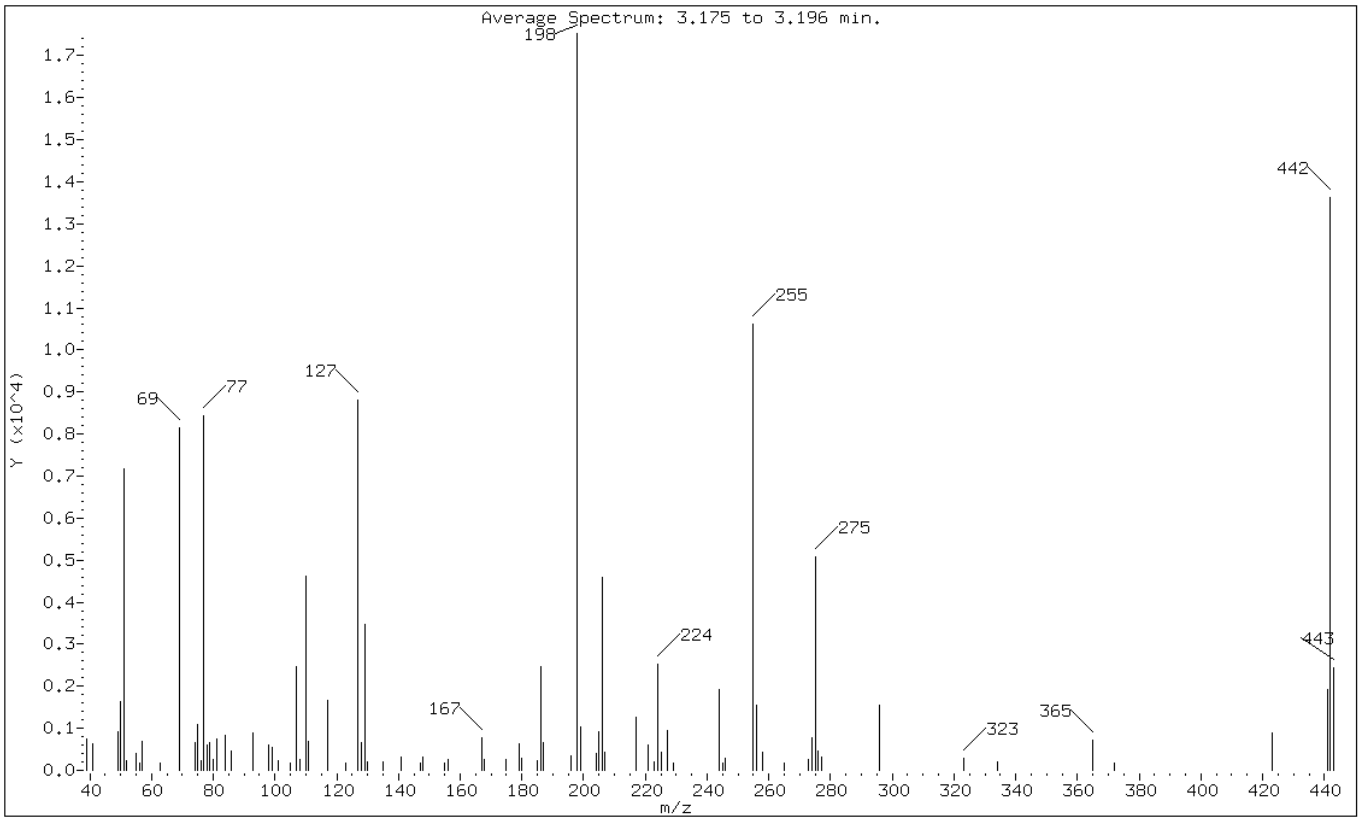
Data File: z15640.d

Date: 01-APR-2011 15:08

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-697155 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	40.84
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	46.56
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.31
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	5.97
275	10.00 - 30.00% of mass 198	28.89
365	Greater than 1.00% of mass 198	4.10
441	0.01 - 100.00% of mass 443	10.91 (78.81)
442	40.00 - 110.00% of mass 198	77.80
443	17.00 - 23.00% of mass 442	13.84 (17.79)

Data File: z15640.d

Date: 01-APR-2011 15:08

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-697155 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/03-21-11/01apr11a.b/z15640.d
Spectrum: Average Spectrum: 3.175 to 3.196 min.
Location of Maximum: 198.00
Number of points: 85

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	732	98.00	615	175.00	263	246.00	274
41.00	636	99.00	545	179.00	625	255.00	10602
49.00	918	101.00	235	180.00	301	256.00	1544
50.00	1633	105.00	168	185.00	230	258.00	422
51.00	7158	107.00	2455	186.00	2471	265.00	175
52.00	224	108.00	268	187.00	646	273.00	252
55.00	388	110.00	4615	196.00	352	274.00	783
56.00	178	111.00	693	198.00	17528	275.00	5065
57.00	688	117.00	1662	199.00	1046	276.00	449
63.00	181	123.00	184	204.00	414	277.00	312
69.00	8161	127.00	8818	205.00	923	296.00	1535
74.00	661	128.00	649	206.00	4584	323.00	290
75.00	1087	129.00	3484	207.00	442	334.00	193
76.00	221	130.00	199	217.00	1269	365.00	718
77.00	8429	135.00	206	221.00	607	372.00	170
78.00	608	141.00	312	223.00	202	423.00	903
79.00	646	147.00	171	224.00	2520	441.00	1912
80.00	268	148.00	328	225.00	428	442.00	13638
81.00	755	155.00	186	227.00	943	443.00	2426
84.00	820	156.00	244	229.00	169		
86.00	458	167.00	770	244.00	1933		
93.00	893	168.00	253	245.00	176		

Data File: /chem/BNAMS4.i/8270T/03-18-11/18mar11a.b/u66239.d
Report Date: 18-Mar-2011 10:08

TestAmerica

Data file : /chem/BNAMS4.i/8270T/03-18-11/18mar11a.b/u66239.d
Lab Smp Id: DFTPP-697155
Inj Date : 18-MAR-2011 04:57
Operator : BNAMS3 Inst ID: BNAMS4.i
Smp Info : DFTPP-697155
Misc Info : 25ng/uL DFTPP Lot 4517
Comment :
Method : /chem/BNAMS4.i/8270T/03-18-11/18mar11a.b/BNADFTPP.m
Meth Date : 28-Feb-2011 07:43 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
3.886	4.260	-0.374	198	36170			0.00- 100.00	100.00
3.886	4.260	-0.374	51	18935			30.00- 60.00	52.35
3.886	4.260	-0.374	68	0			0.00- 2.00	0.00
3.886	4.260	-0.374	69	23835			0.00- 0.00	65.90
3.886	4.260	-0.374	70	0			0.00- 2.00	0.00
3.886	4.260	-0.374	127	19821			40.00- 60.00	54.80
3.886	4.260	-0.374	197	0			0.00- 1.00	0.00
3.886	4.260	-0.374	199	2350			5.00- 9.00	6.50
3.886	4.260	-0.374	275	9398			10.00- 30.00	25.98
3.886	4.260	-0.374	365	1411			1.00- 0.00	3.90
3.886	4.260	-0.374	441	2684			0.01- 100.00	76.01
3.886	4.260	-0.374	442	17677			40.00- 110.00	48.87
3.886	4.260	-0.374	443	3531			17.00- 23.00	19.98

Data File: u66239.d

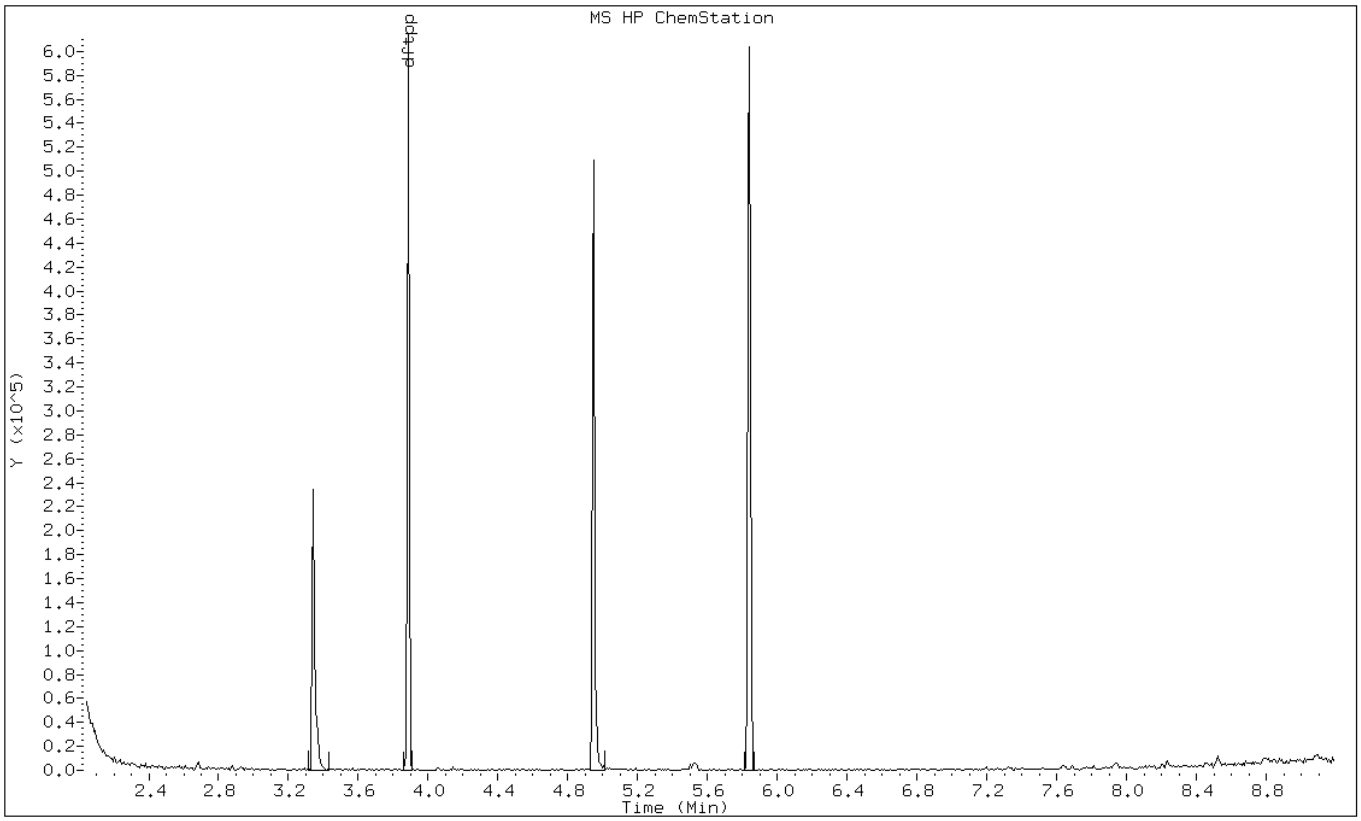
Date: 18-MAR-2011 04:57

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-697155

Operator: BNAMS3



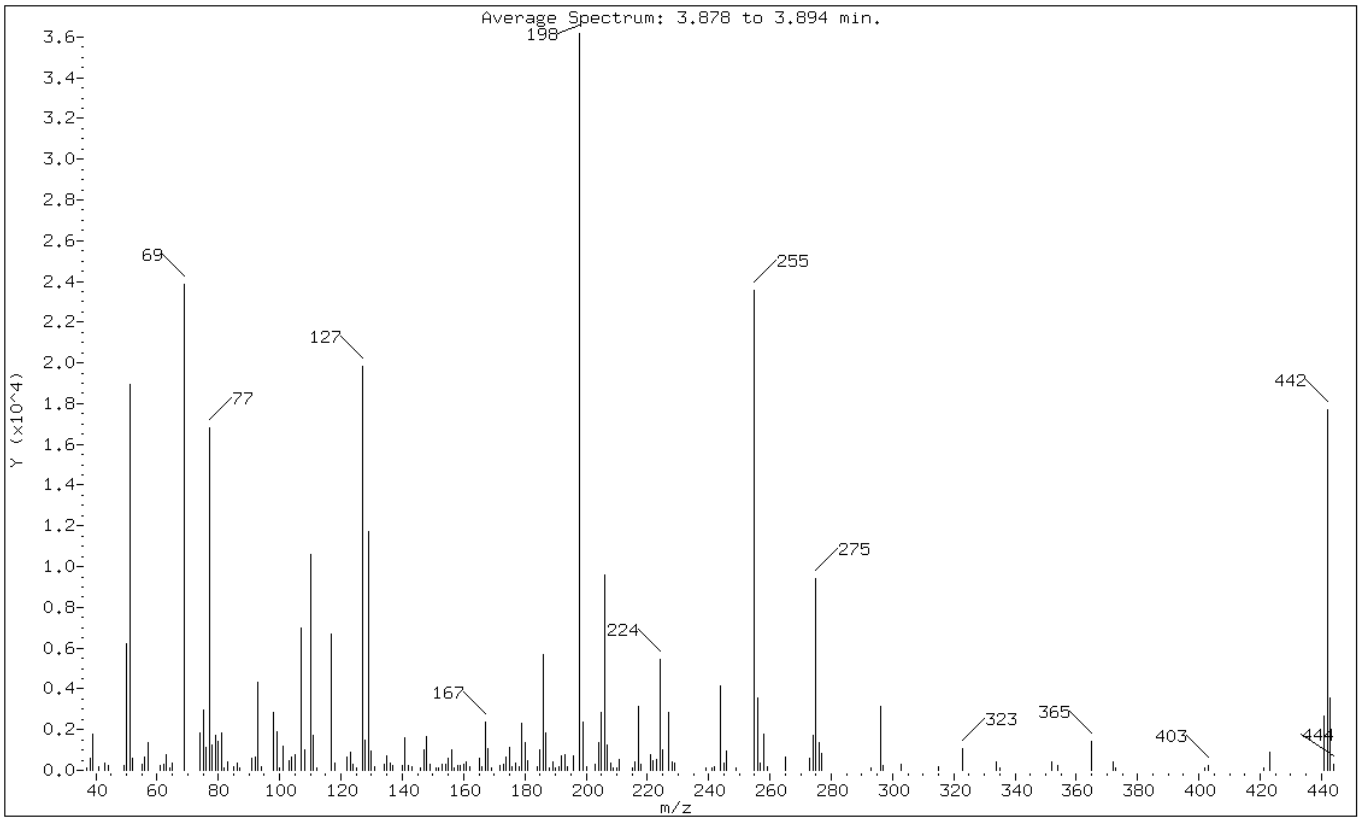
Data File: u66239.d

Date: 18-MAR-2011 04:57

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	52.35
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	65.90
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	54.80
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.50
275	10.00 - 30.00% of mass 198	25.98
365	Greater than 1.00% of mass 198	3.90
441	0.01 - 100.00% of mass 443	7.42 (76.01)
442	40.00 - 110.00% of mass 198	48.87
443	17.00 - 23.00% of mass 442	9.76 (19.98)

Data File: u66239.d

Date: 18-MAR-2011 04:57

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNAMS3

Data File: /chem/BNAMS4.i/8270T/03-18-11/18mar11a.b/u66239.d
Spectrum: Average Spectrum: 3.878 to 3.894 min.
Location of Maximum: 198.00
Number of points: 173

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	135	108.00	983	172.00	259	228.00	435
38.00	597	110.00	10605	173.00	307	229.00	348
39.00	1803	111.00	1695	174.00	645	239.00	106
41.00	174	112.00	114	175.00	1107	241.00	124
43.00	364	117.00	6672	176.00	177	242.00	158
44.00	218	118.00	331	177.00	372	244.00	4128
49.00	252	122.00	637	178.00	190	245.00	327
50.00	6223	123.00	887	179.00	2294	246.00	957
51.00	18928	124.00	290	180.00	1370	249.00	103
52.00	617	125.00	109	181.00	470	255.00	23568
55.00	325	127.00	19816	184.00	196	256.00	3561
56.00	660	128.00	1497	185.00	1009	257.00	351
57.00	1359	129.00	11729	186.00	5702	258.00	1749
61.00	252	130.00	931	187.00	1857	259.00	177
62.00	269	131.00	164	188.00	102	265.00	650
63.00	774	134.00	296	189.00	400	273.00	612
64.00	123	135.00	723	190.00	122	274.00	1720
65.00	332	136.00	350	191.00	188	275.00	9398
69.00	23832	137.00	209	192.00	734	276.00	1344
74.00	1848	140.00	246	193.00	784	277.00	852
75.00	2971	141.00	1569	194.00	157	293.00	143
76.00	1143	142.00	236	196.00	709	296.00	3151
77.00	16832	143.00	191	198.00	36168	297.00	255
78.00	1227	146.00	121	199.00	2350	303.00	311
79.00	1730	147.00	977	200.00	154	315.00	175
80.00	1422	148.00	1679	203.00	319	323.00	1066
81.00	1826	149.00	278	204.00	1371	334.00	423
82.00	137	151.00	121	205.00	2835	335.00	114
83.00	386	152.00	113	206.00	9611	352.00	431
85.00	174	153.00	320	207.00	1270	354.00	239
86.00	373	154.00	295	208.00	350	365.00	1411
87.00	100	155.00	616	209.00	103	372.00	395
91.00	609	156.00	1005	210.00	100	373.00	112
92.00	679	157.00	101	211.00	519	402.00	119
93.00	4339	158.00	253	215.00	108	403.00	220
94.00	159	159.00	227	216.00	387	421.00	107
98.00	2816	160.00	307	217.00	3140	423.00	878
99.00	1892	161.00	421	218.00	290	441.00	2684
100.00	118	162.00	155	221.00	772	442.00	17672
101.00	1161	165.00	608	222.00	459	443.00	3531

103.00	491	166.00	180	223.00	552	444.00	308
104.00	635	167.00	2378	224.00	5417		
105.00	743	168.00	1053	225.00	1035		
107.00	6976	169.00	103	227.00	2860		

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66357.d
Report Date: 30-Mar-2011 05:02

TestAmerica

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66357.d
Lab Smp Id: DFTPP-697155
Inj Date : 30-MAR-2011 03:28
Operator : BNAMS3 Inst ID: BNAMS4.i
Smp Info : DFTPP-697155
Misc Info : 25ng/uL DFTPP Lot 4517
Comment :
Method : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/BNADFTPP.m
Meth Date : 28-Feb-2011 07:43 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
3.806	4.260	-0.454	198	128936			0.00- 100.00	100.00
3.806	4.260	-0.454	51	57465			30.00- 60.00	44.57
3.806	4.260	-0.454	68	0			0.00- 2.00	0.00
3.806	4.260	-0.454	69	76093			0.00- 0.00	59.02
3.806	4.260	-0.454	70	144			0.00- 2.00	0.19
3.806	4.260	-0.454	127	64008			40.00- 60.00	49.64
3.806	4.260	-0.454	197	0			0.00- 1.00	0.00
3.806	4.260	-0.454	199	8569			5.00- 9.00	6.65
3.806	4.260	-0.454	275	28554			10.00- 30.00	22.15
3.806	4.260	-0.454	365	4252			1.00- 0.00	3.30
3.806	4.260	-0.454	441	12179			0.01- 100.00	86.10
3.806	4.260	-0.454	442	75864			40.00- 110.00	58.84
3.806	4.260	-0.454	443	14145			17.00- 23.00	18.65

Data File: u66357.d

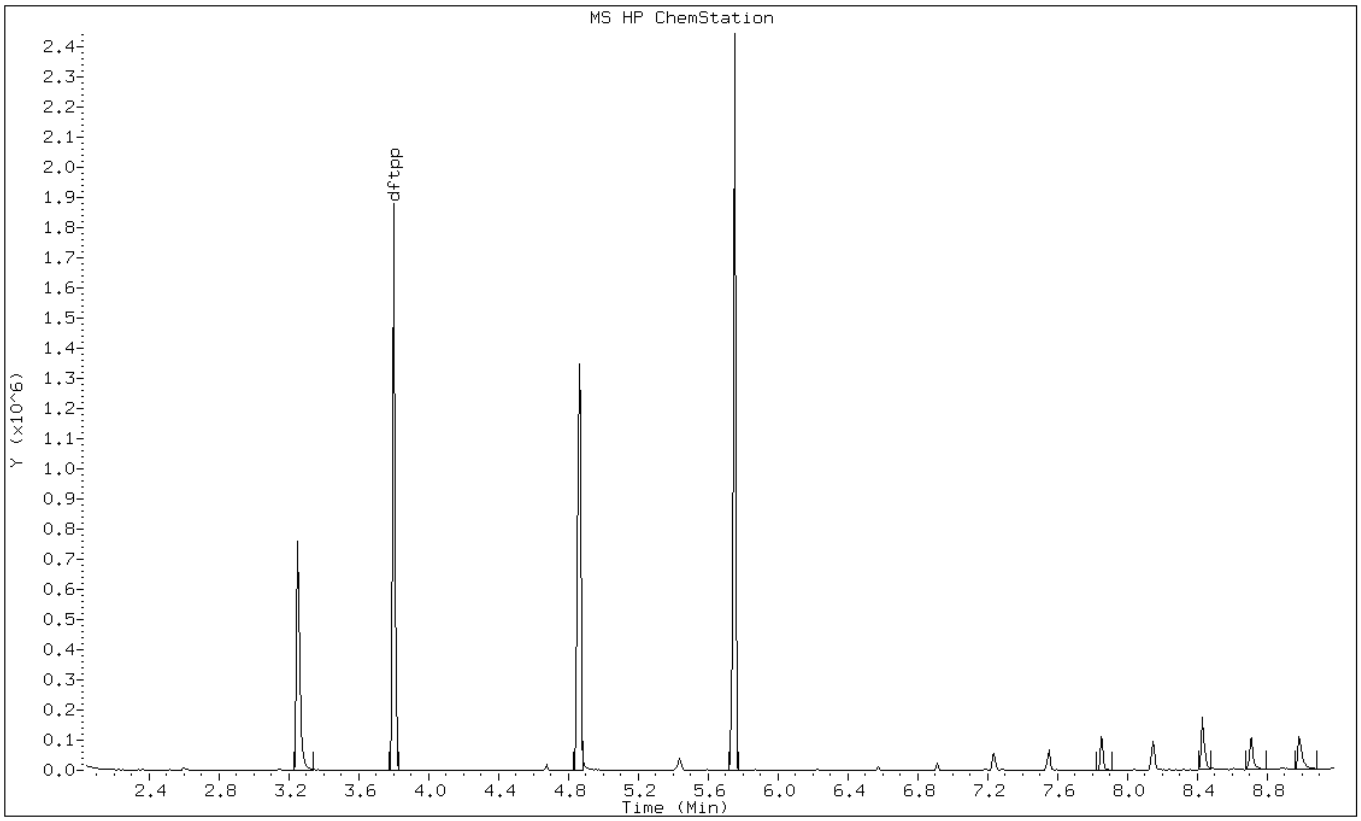
Date: 30-MAR-2011 03:28

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-697155

Operator: BNAMS3



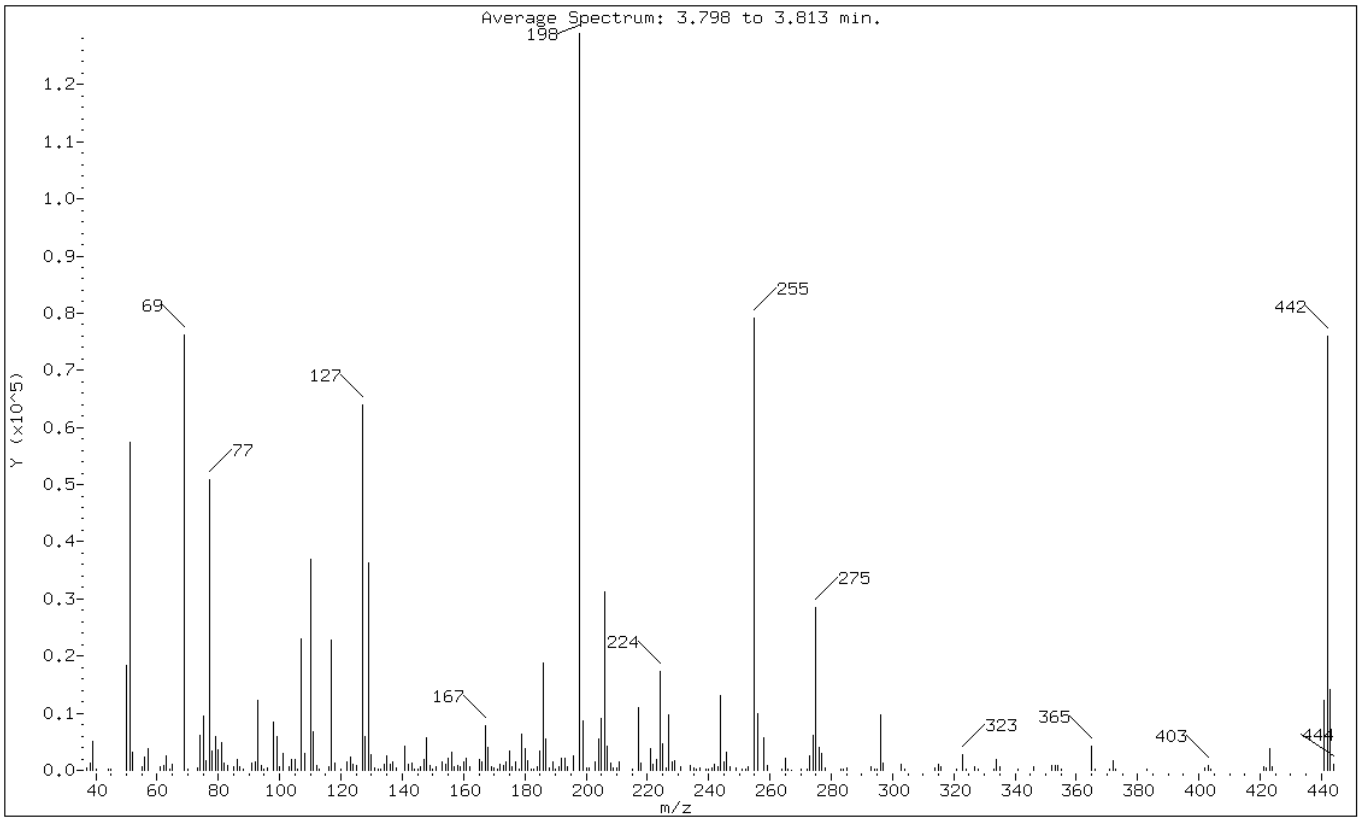
Data File: u66357.d

Date: 30-MAR-2011 03:28

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	44.57
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	59.02
70	Less than 2.00% of mass 69	0.11 (0.19)
127	40.00 - 60.00% of mass 198	49.64
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.65
275	10.00 - 30.00% of mass 198	22.15
365	Greater than 1.00% of mass 198	3.30
441	0.01 - 100.00% of mass 443	9.45 (86.10)
442	40.00 - 110.00% of mass 198	58.84
443	17.00 - 23.00% of mass 442	10.97 (18.65)

Data File: u66357.d

Date: 30-MAR-2011 03:28

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNAMS3

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66357.d
Spectrum: Average Spectrum: 3.798 to 3.813 min.
Location of Maximum: 198.00
Number of points: 229

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	341	122.00	1516	186.00	18720	265.00	2191
38.00	1291	123.00	2329	187.00	5518	266.00	285
39.00	5147	124.00	1045	188.00	480	267.00	102
40.00	278	125.00	884	189.00	1413	270.00	110
44.00	118	127.00	64008	190.00	108	272.00	137
45.00	150	128.00	5969	191.00	699	273.00	2515
50.00	18264	129.00	36376	192.00	2093	274.00	6094
51.00	57464	130.00	2845	193.00	2057	275.00	28552
52.00	3215	131.00	325	194.00	676	276.00	4103
55.00	574	132.00	184	196.00	2599	277.00	2961
56.00	2265	133.00	116	198.00	128936	278.00	327
57.00	3783	134.00	1010	199.00	8569	283.00	285
61.00	559	135.00	2432	200.00	513	284.00	200
62.00	817	136.00	1078	201.00	390	285.00	381
63.00	2461	137.00	1383	203.00	1551	293.00	580
64.00	182	138.00	369	204.00	5425	294.00	144
65.00	1083	141.00	4243	205.00	9081	295.00	251
69.00	76088	142.00	1144	206.00	31256	296.00	9752
70.00	144	143.00	1192	207.00	4152	297.00	1269
73.00	360	144.00	125	208.00	1343	303.00	1147
74.00	6205	145.00	238	209.00	394	304.00	150
75.00	9553	146.00	626	210.00	527	314.00	350
76.00	1759	147.00	1983	211.00	1434	315.00	1115
77.00	50904	148.00	5744	215.00	289	316.00	571
78.00	3334	149.00	771	217.00	10920	321.00	174
79.00	5870	150.00	149	218.00	1354	323.00	2814
80.00	3573	151.00	556	221.00	3844	324.00	289
81.00	4834	153.00	1499	222.00	980	327.00	711
82.00	1163	154.00	1159	223.00	1967	328.00	114
83.00	939	155.00	2170	224.00	17296	333.00	218
85.00	635	156.00	3061	225.00	4637	334.00	1971
86.00	1916	157.00	645	226.00	365	335.00	552
87.00	725	158.00	824	227.00	9679	341.00	148
88.00	221	159.00	723	228.00	1427	346.00	533
91.00	1273	160.00	1531	229.00	1650	352.00	744
92.00	1581	161.00	2183	231.00	602	353.00	744
93.00	12329	162.00	556	234.00	812	354.00	914
94.00	781	165.00	1930	235.00	385	355.00	119
95.00	157	166.00	1575	236.00	220	365.00	4252
96.00	391	167.00	7752	237.00	419	366.00	209

98.00	8530	168.00	4043	239.00	292	371.00	212
99.00	5870	169.00	681	240.00	197	372.00	1600
100.00	588	170.00	364	241.00	352	373.00	186
101.00	2924	171.00	274	242.00	990	383.00	123
103.00	659	172.00	956	243.00	574	402.00	352
104.00	1918	173.00	901	244.00	12997	403.00	945
105.00	1933	174.00	1416	245.00	1528	404.00	309
106.00	176	175.00	3318	246.00	3100	421.00	643
107.00	23000	176.00	539	247.00	668	422.00	335
108.00	3027	177.00	1521	249.00	383	423.00	3852
110.00	37000	178.00	226	251.00	165	424.00	725
111.00	6649	179.00	6311	252.00	292	441.00	12179
112.00	893	180.00	3889	253.00	588	442.00	75864
113.00	110	181.00	1783	255.00	79216	443.00	14145
116.00	662	182.00	132	256.00	9876	444.00	1129
117.00	22760	183.00	118	258.00	5748		
118.00	1280	184.00	585	259.00	811		
120.00	118	185.00	3414	264.00	149		

Data File: /chem/BNAMS4.i/8270T/04-02-11/02apr11.b/u66406.d
Report Date: 02-Apr-2011 12:24

TestAmerica

Data file : /chem/BNAMS4.i/8270T/04-02-11/02apr11.b/u66406.d
Lab Smp Id: DFTPP-697155
Inj Date : 02-APR-2011 11:05
Operator : BNAMS3 Inst ID: BNAMS4.i
Smp Info : DFTPP-697155
Misc Info : 25ng/uL DFTPP Lot 4517
Comment :
Method : /chem/BNAMS4.i/8270T/04-02-11/02apr11.b/BNADFTPP.m
Meth Date : 01-Apr-2011 18:46 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

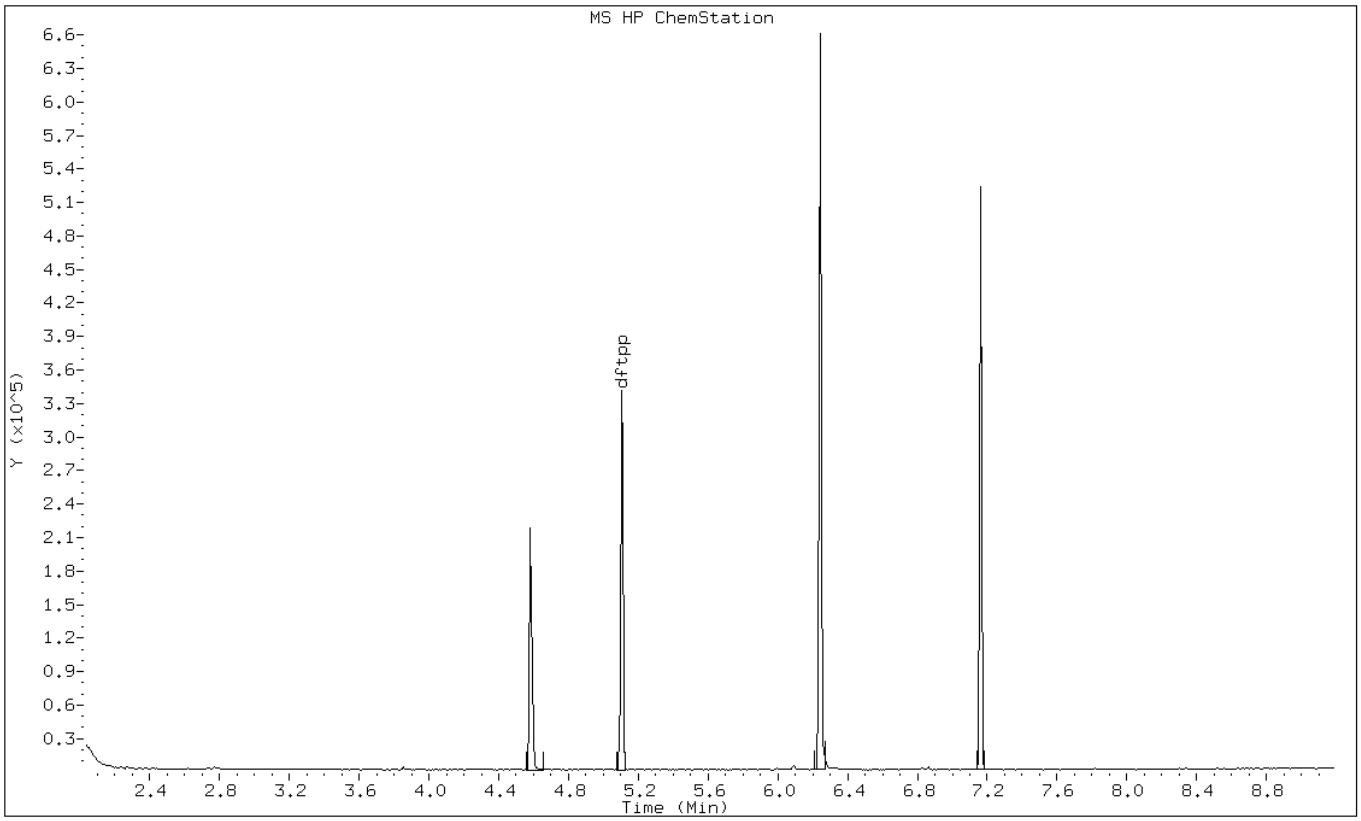
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.102	5.100	0.002	198	28966			0.00- 100.00	100.00
5.102	5.100	0.002	51	15543			30.00- 60.00	53.66
5.102	5.100	0.002	68	0			0.00- 2.00	0.00
5.102	5.100	0.002	69	19690			0.00- 0.00	67.98
5.102	5.100	0.002	70	0			0.00- 2.00	0.00
5.102	5.100	0.002	127	14087			40.00- 60.00	48.63
5.102	5.100	0.002	197	0			0.00- 1.00	0.00
5.102	5.100	0.002	199	1767			5.00- 9.00	6.10
5.102	5.100	0.002	275	5115			10.00- 30.00	17.66
5.102	5.100	0.002	365	524			1.00- 0.00	1.81
5.102	5.100	0.002	441	3433			0.01- 100.00	77.56
5.102	5.100	0.002	442	23099			40.00- 110.00	79.75
5.102	5.100	0.002	443	4426			17.00- 23.00	19.16

Data File: u66406.d

Date: 02-APR-2011 11:05

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNAMS3



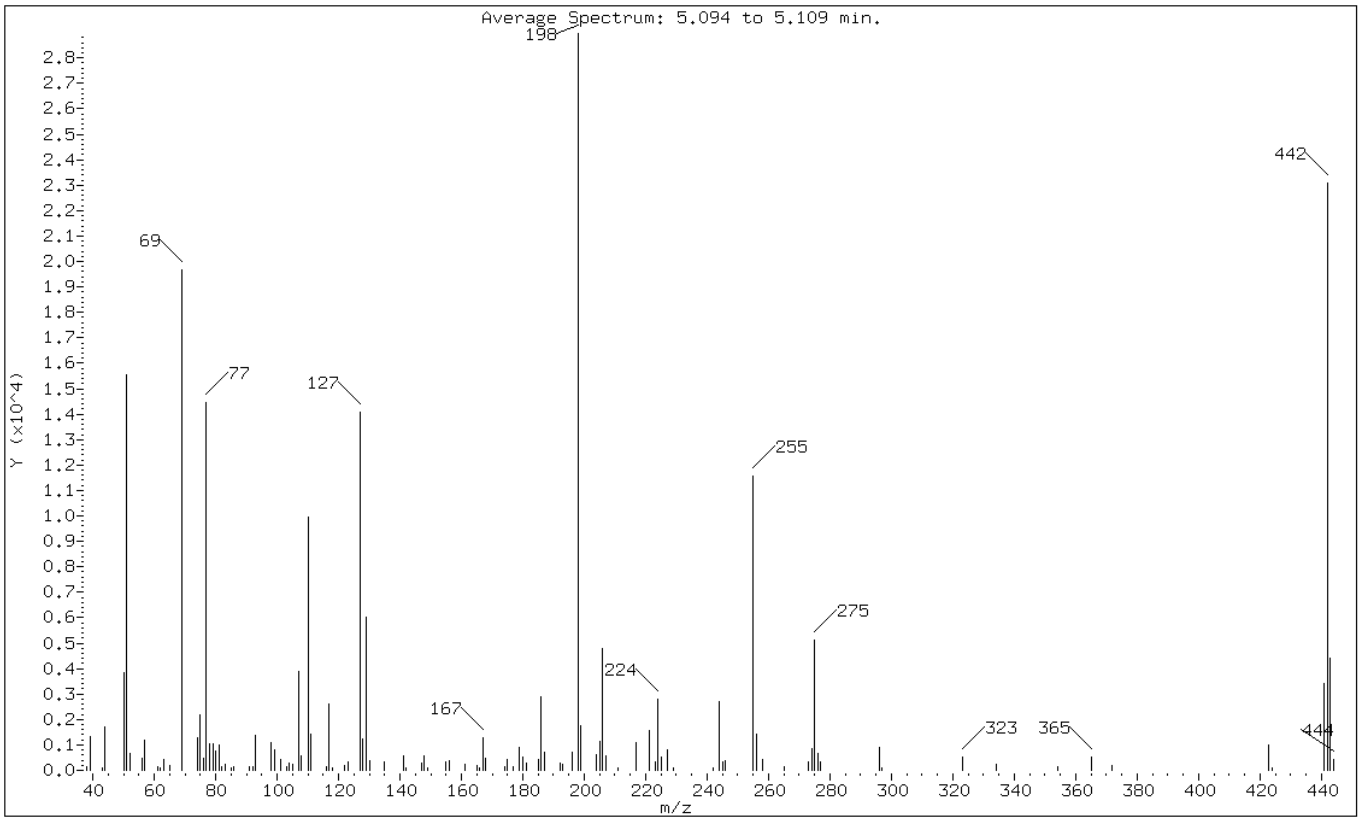
Data File: u66406.d

Date: 02-APR-2011 11:05

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	53.66
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	67.98
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.63
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.10
275	10.00 - 30.00% of mass 198	17.66
365	Greater than 1.00% of mass 198	1.81
441	0.01 - 100.00% of mass 443	11.85 (77.56)
442	40.00 - 110.00% of mass 198	79.75
443	17.00 - 23.00% of mass 442	15.28 (19.16)

Data File: u66406.d

Date: 02-APR-2011 11:05

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNAMS3

Data File: /chem/BNAMS4.i/8270T/04-02-11/02apr11.b/u66406.d
Spectrum: Average Spectrum: 5.094 to 5.109 min.
Location of Maximum: 198.00
Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	120	98.00	1075	166.00	104	242.00	110
39.00	1326	99.00	825	167.00	1274	244.00	2689
43.00	114	101.00	419	168.00	489	245.00	325
44.00	1697	103.00	136	174.00	121	246.00	362
50.00	3816	104.00	281	175.00	412	255.00	11552
51.00	15543	105.00	257	177.00	132	256.00	1423
52.00	650	107.00	3867	179.00	915	258.00	431
56.00	480	108.00	570	180.00	520	265.00	127
57.00	1189	110.00	9972	181.00	270	273.00	317
61.00	131	111.00	1426	185.00	418	274.00	869
62.00	104	116.00	133	186.00	2908	275.00	5115
63.00	444	117.00	2593	187.00	696	276.00	659
65.00	191	118.00	103	192.00	291	277.00	312
69.00	19688	122.00	197	193.00	227	296.00	893
74.00	1295	123.00	351	196.00	731	297.00	103
75.00	2197	127.00	14087	198.00	28960	323.00	510
76.00	454	128.00	1251	199.00	1767	334.00	239
77.00	14444	129.00	6003	204.00	636	354.00	127
78.00	1023	130.00	378	205.00	1160	365.00	524
79.00	1033	135.00	310	206.00	4784	372.00	186
80.00	757	141.00	565	207.00	569	423.00	990
81.00	976	142.00	114	211.00	114	424.00	111
82.00	155	147.00	286	217.00	1085	441.00	3433
83.00	251	148.00	560	221.00	1553	442.00	23096
85.00	105	149.00	105	223.00	317	443.00	4426
86.00	123	155.00	319	224.00	2819	444.00	419
91.00	143	156.00	388	225.00	536		
92.00	139	161.00	260	227.00	821		
93.00	1383	165.00	201	229.00	101		

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66440.d
Report Date: 03-Apr-2011 20:22

TestAmerica

Data file : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66440.d
Lab Smp Id: DFTPP-697155
Inj Date : 03-APR-2011 19:02
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-697155
Misc Info : 25ng/uL DFTPP Lot 4517
Comment :
Method : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/BNADFTPP.m
Meth Date : 01-Apr-2011 18:46 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

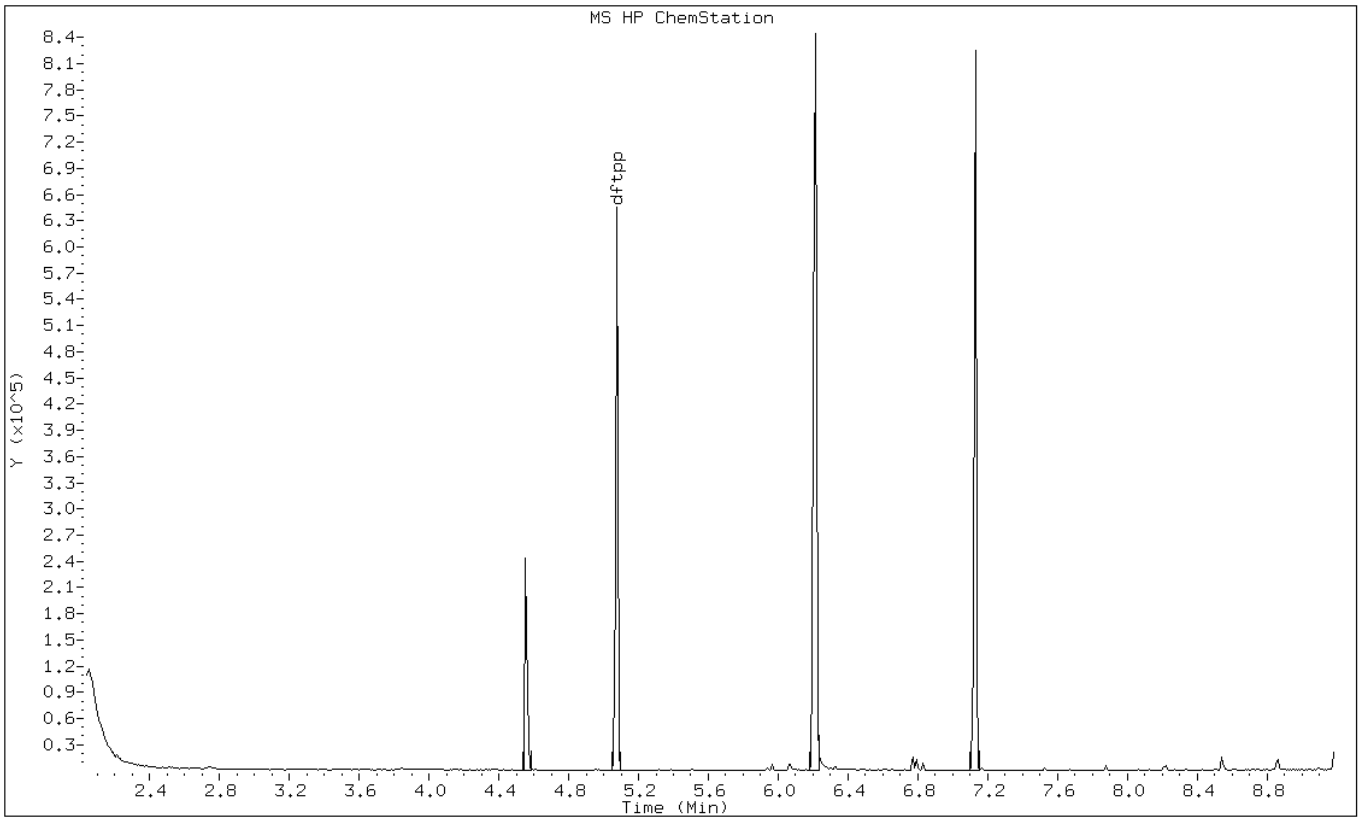
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.074	5.100	-0.026	198	50165			0.00- 100.00	100.00
5.074	5.100	-0.026	51	26167			30.00- 60.00	52.16
5.074	5.100	-0.026	68	0			0.00- 2.00	0.00
5.074	5.100	-0.026	69	34128			0.00- 0.00	68.03
5.074	5.100	-0.026	70	0			0.00- 2.00	0.00
5.074	5.100	-0.026	127	24535			40.00- 60.00	48.91
5.074	5.100	-0.026	197	0			0.00- 1.00	0.00
5.074	5.100	-0.026	199	3320			5.00- 9.00	6.62
5.074	5.100	-0.026	275	9389			10.00- 30.00	18.72
5.074	5.100	-0.026	365	829			1.00- 0.00	1.65
5.074	5.100	-0.026	441	6540			0.01- 100.00	79.58
5.074	5.100	-0.026	442	42965			40.00- 110.00	85.65
5.074	5.100	-0.026	443	8218			17.00- 23.00	19.13

Data File: u66440.d

Date: 03-APR-2011 19:02

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNA2



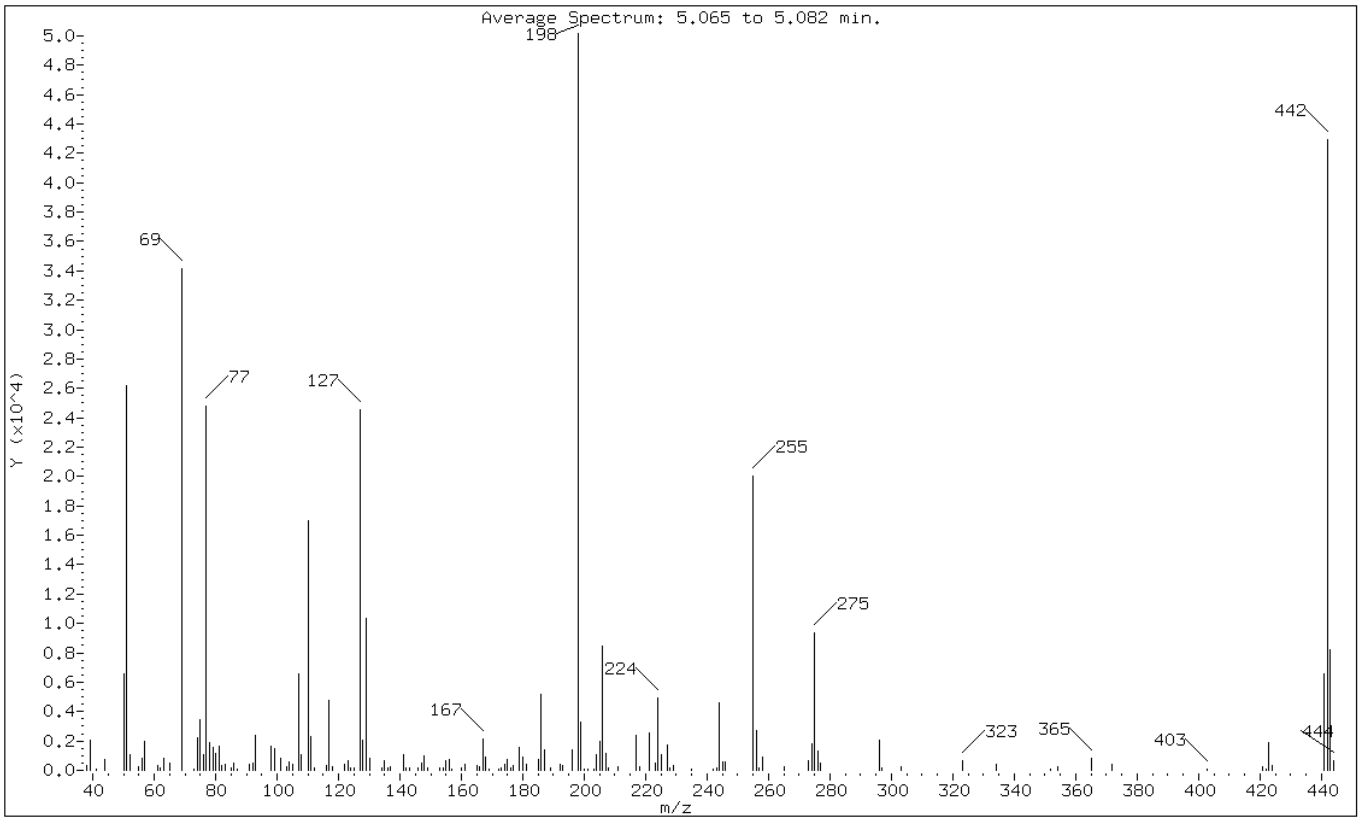
Data File: u66440.d

Date: 03-APR-2011 19:02

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	52.16
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	68.03
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.91
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.62
275	10.00 - 30.00% of mass 198	18.72
365	Greater than 1.00% of mass 198	1.65
441	0.01 - 100.00% of mass 443	13.04 (79.58)
442	40.00 - 110.00% of mass 198	85.65
443	17.00 - 23.00% of mass 442	16.38 (19.13)

Data File: u66440.d

Date: 03-APR-2011 19:02

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66440.d
Spectrum: Average Spectrum: 5.065 to 5.082 min.
Location of Maximum: 198.00
Number of points: 147

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	304	105.00	394	167.00	2160	228.00	142
39.00	2062	107.00	6563	168.00	905	229.00	340
41.00	113	108.00	1068	169.00	111	235.00	108
44.00	723	110.00	16960	172.00	110	242.00	114
50.00	6577	111.00	2285	173.00	136	243.00	142
51.00	26160	112.00	150	174.00	384	244.00	4567
52.00	1108	116.00	349	175.00	730	245.00	573
55.00	252	117.00	4781	176.00	163	246.00	548
56.00	810	118.00	255	177.00	336	255.00	20048
57.00	2002	122.00	429	179.00	1541	256.00	2723
61.00	323	123.00	692	180.00	938	257.00	139
62.00	162	124.00	165	181.00	392	258.00	878
63.00	826	125.00	159	185.00	702	265.00	273
65.00	471	127.00	24528	186.00	5167	273.00	670
69.00	34128	128.00	2042	187.00	1376	274.00	1779
73.00	121	129.00	10314	189.00	126	275.00	9389
74.00	2201	130.00	843	192.00	380	276.00	1297
75.00	3428	134.00	151	193.00	334	277.00	501
76.00	1041	135.00	650	196.00	1386	296.00	2038
77.00	24784	136.00	169	198.00	50160	297.00	163
78.00	1902	137.00	245	199.00	3320	303.00	254
79.00	1580	141.00	1082	200.00	119	323.00	651
80.00	1179	142.00	174	201.00	122	334.00	403
81.00	1679	143.00	131	203.00	121	352.00	116
82.00	290	146.00	124	204.00	1100	354.00	256
83.00	446	147.00	471	205.00	1987	365.00	829
85.00	169	148.00	957	206.00	8489	372.00	414
86.00	453	149.00	130	207.00	1117	403.00	102
87.00	115	153.00	200	208.00	150	421.00	264
91.00	448	154.00	162	211.00	267	422.00	122
92.00	454	155.00	651	217.00	2349	423.00	1872
93.00	2404	156.00	707	218.00	238	424.00	300
98.00	1647	157.00	101	221.00	2524	441.00	6540
99.00	1509	160.00	143	223.00	532	442.00	42960
101.00	820	161.00	390	224.00	4935	443.00	8218
103.00	223	165.00	299	225.00	1044	444.00	632
104.00	595	166.00	263	227.00	1730		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68798/1-A

Matrix: Solid | Lab File ID: u66362.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.00(g) | Date Analyzed: 03/30/2011 05:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	330	U	330	41
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
106-44-5	4-Methylphenol	330	U	330	54
100-52-7	Benzaldehyde	330	U	330	21
98-86-2	Acetophenone	330	U	330	49
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
98-95-3	Nitrobenzene	33	U	33	7.4
67-72-1	Hexachloroethane	33	U	33	5.6
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
120-83-2	2,4-Dichlorophenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	56
91-57-6	2-Methylnaphthalene	330	U	330	48
118-74-1	Hexachlorobenzene	33	U	33	4.6
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	Diphenyl	330	U	330	55
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	91
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
131-11-3	Dimethyl phthalate	330	U	330	45
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68798/1-A

Matrix: Solid | Lab File ID: u66362.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.00(g) | Date Analyzed: 03/30/2011 05:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
51-28-5	2,4-Dinitrophenol	1000	U	1000	70
132-64-9	Dibenzofuran	330	U	330	50
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
206-44-0	Fluoranthene	330	U	330	55
84-74-2	Di-n-butyl phthalate	330	U	330	51
121-14-2	2,4-Dinitrotoluene	67	U	67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
1912-24-9	Atrazine	330	U	330	62
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
85-01-8	Phenanthrene	330	U	330	58
87-86-5	Pentachlorophenol	1000	U	1000	160
129-00-0	Pyrene	330	U	330	57
218-01-9	Chrysene	330	U	330	48
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
191-24-2	Benzo[g,h,i]perylene	330	U	330	35
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
50-32-8	Benzo[a]pyrene	33	U	33	4.1
56-55-3	Benzo[a]anthracene	33	U	33	6.1
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
85-68-7	Butyl benzyl phthalate	330	U	330	39
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68798/1-A

Matrix: Solid Lab File ID: u66362.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.00(g) Date Analyzed: 03/30/2011 05:27

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	88		38-105
4165-62-2	Phenol-d5	86		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	90		10-120
367-12-4	2-Fluorophenol	82		37-125
321-60-8	2-Fluorobiphenyl	91		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68798/1-A

Matrix: Solid | Lab File ID: u66362.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.00(g) | Date Analyzed: 03/30/2011 05:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 4050

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.64	4050	A J

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66362.d
Report Date: 30-Mar-2011 12:14

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66362.d
Lab Smp Id: MB 460-68798/1-A
Inj Date : 30-MAR-2011 05:27
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : MB 460-68798/1-A
Misc Info :
Comment :
Method : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.920	1.911	(0.623)	323686	81.7113	5400
$ 17 Phenol-d5 (SUR)	99	2.793	2.814	(0.907)	434818	85.5301	5700
* 79 1,4-Dichlorobenzene-d4	152	3.080	3.080	(1.000)	153919	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.676	3.696	(0.836)	348850	43.8098	2900
* 80 Naphthalene-d8	136	4.398	4.412	(1.000)	498551	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.519	5.529	(0.898)	500225	45.4940	3000
* 82 Acenaphthene-d10	164	6.150	6.160	(1.000)	354708	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.930	6.941	(1.127)	171287	90.4193	6000
* 83 Phenanthrene-d10	188	7.586	7.592	(1.000)	551393	40.0000	
$ 78 Terphenyl-d14	244	9.154	9.156	(0.903)	635668	41.1262	2700
* 81 Chrysene-d12	240	10.134	10.146	(1.000)	627833	40.0000	
* 84 Perylene-d12	264	11.650	11.655	(1.000)	438212	40.0000	

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66362.d
Report Date: 30-Mar-2011 12:14

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66362.d
Lab Smp Id: MB 460-68798/1-A
Inj Date : 30-MAR-2011 05:27
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : MB 460-68798/1-A
Misc Info :
Comment :
Method : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	3.080	1168236	40.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Aldol Condensate					CAS #:		
1.641	1772499	60.6897369	4000	0		0	79

Data File: u66362.d

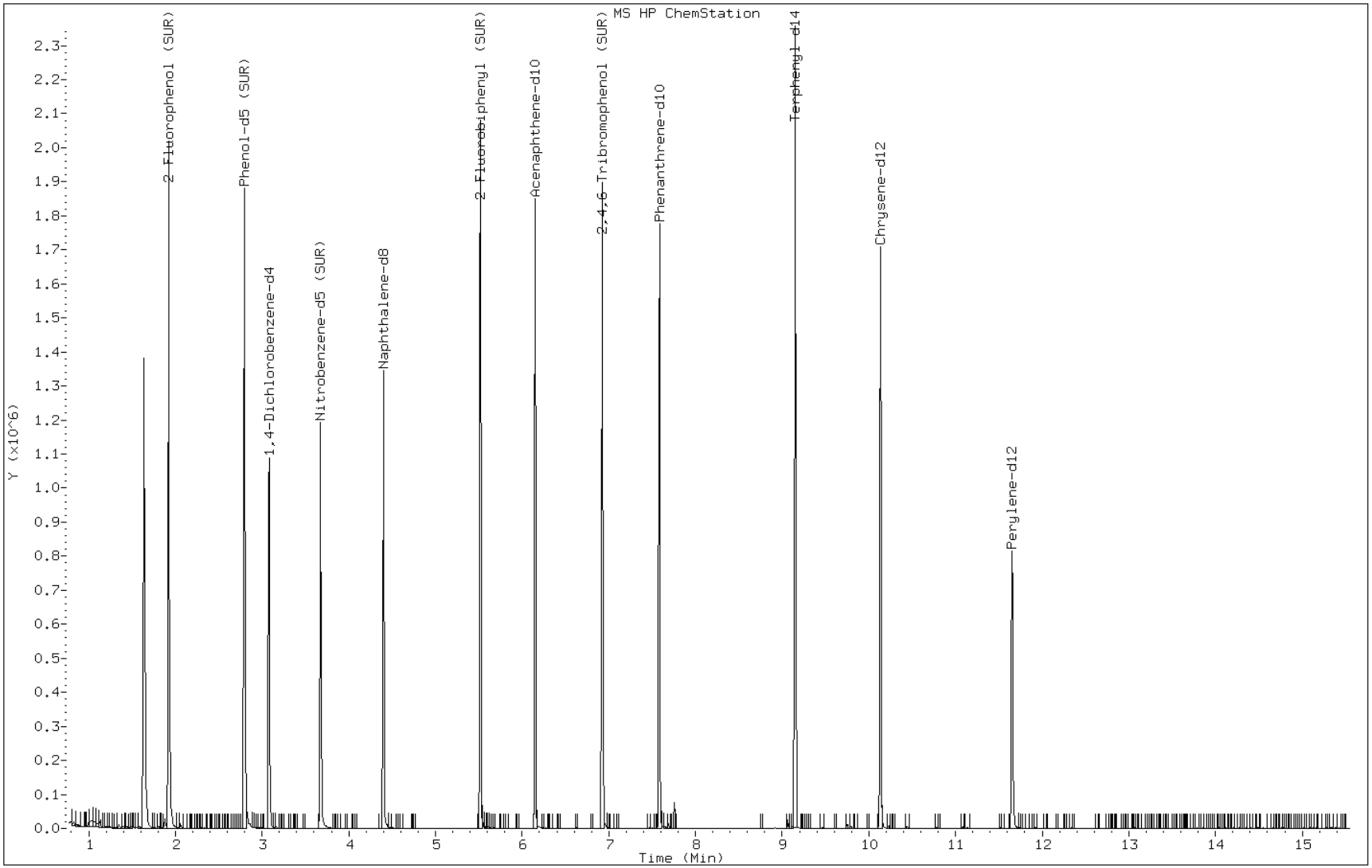
Date: 30-MAR-2011 05:27

Client ID:

Instrument: BNAMS4.i

Sample Info: MB 460-68798/1-A

Operator: BNAMS 4



Data File: u66362.d

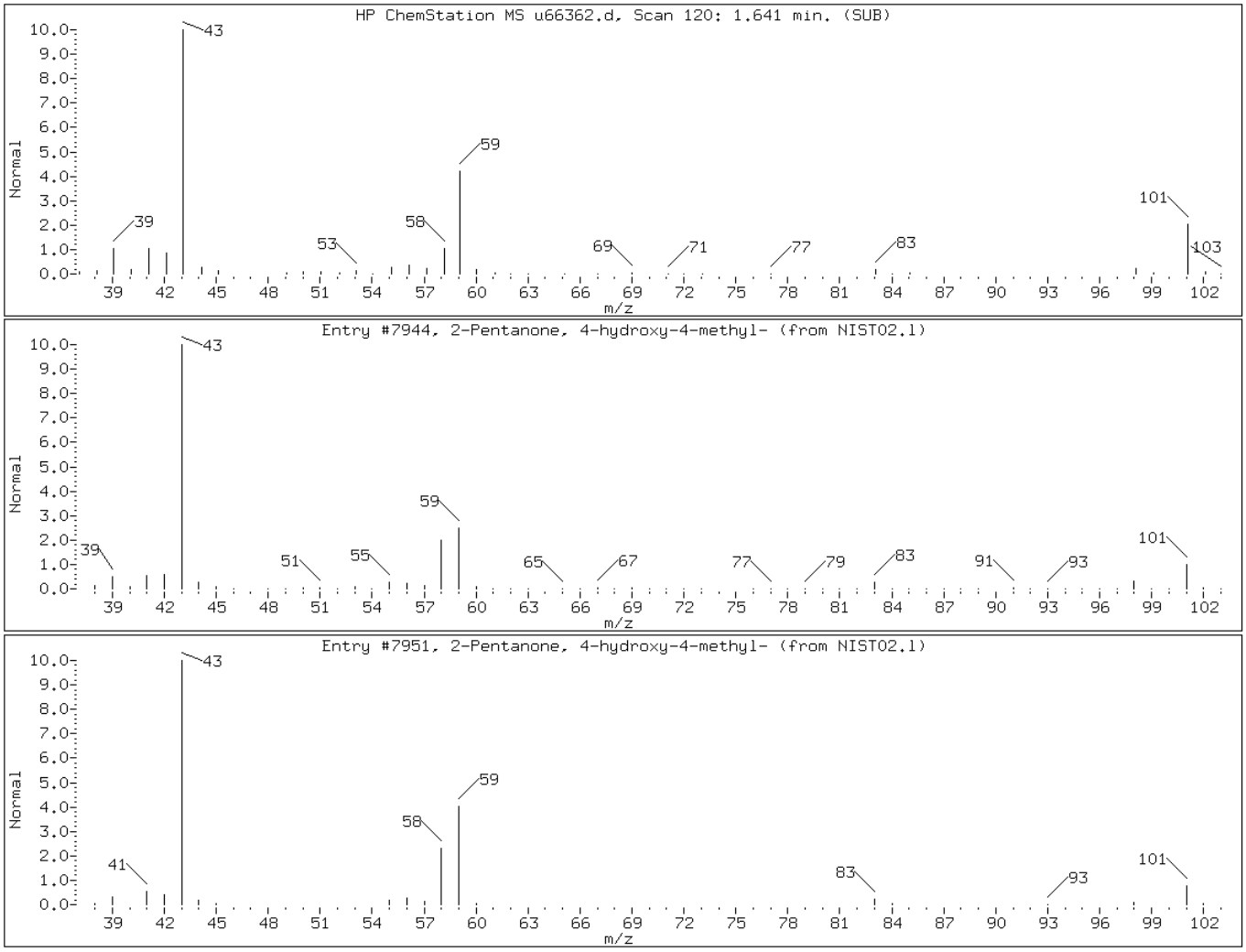
Date: 30-MAR-2011 05:27

Client ID: Instrument: BNAMS4.i

Sample Info: MB 460-68798/1-A Operator: BNAMS 4

Retention Time: 1.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7944	56	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	56	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68871/1-A

Matrix: Solid | Lab File ID: p10102.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	330	U	330	40
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
106-44-5	4-Methylphenol	330	U	330	54
100-52-7	Benzaldehyde	330	U	330	21
98-86-2	Acetophenone	330	U	330	49
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
98-95-3	Nitrobenzene	33	U	33	7.4
67-72-1	Hexachloroethane	33	U	33	5.6
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
120-83-2	2,4-Dichlorophenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	55
91-57-6	2-Methylnaphthalene	330	U	330	48
118-74-1	Hexachlorobenzene	33	U	33	4.6
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	Diphenyl	330	U	330	54
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	90
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
131-11-3	Dimethyl phthalate	330	U	330	45
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68871/1-A

Matrix: Solid | Lab File ID: p10102.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
51-28-5	2,4-Dinitrophenol	1000	U	1000	70
132-64-9	Dibenzofuran	330	U	330	50
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
206-44-0	Fluoranthene	330	U	330	55
84-74-2	Di-n-butyl phthalate	330	U	330	51
121-14-2	2,4-Dinitrotoluene	67	U	67	9.6
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
1912-24-9	Atrazine	330	U	330	62
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
85-01-8	Phenanthrene	330	U	330	58
87-86-5	Pentachlorophenol	1000	U	1000	160
129-00-0	Pyrene	330	U	330	57
218-01-9	Chrysene	330	U	330	48
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
191-24-2	Benzo[g,h,i]perylene	330	U	330	35
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
50-32-8	Benzo[a]pyrene	33	U	33	4.1
56-55-3	Benzo[a]anthracene	33	U	33	6.1
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
85-68-7	Butyl benzyl phthalate	330	U	330	39
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	330	44
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68871/1-A

Matrix: Solid | Lab File ID: p10102.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	88		38-105
4165-62-2	Phenol-d5	91		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	79		10-120
367-12-4	2-Fluorophenol	87		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68871/1-A

Matrix: Solid | Lab File ID: p10102.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 8240

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.57	8240	A J

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10102.d
Report Date: 30-Mar-2011 11:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10102.d
Lab Smp Id: MB 460-68871/1-A
Inj Date : 30-MAR-2011 01:36
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-68871/1-A
Misc Info : MB 460-68871/1-A
Comment :
Method : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 32 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.96000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.901	2.883	(0.678)	860740	87.2740	5800
$ 17 Phenol-d5 (SUR)	99	3.911	3.923	(0.914)	1014427	90.5595	6000
* 79 1,4-Dichlorobenzene-d4	152	4.282	4.287	(1.000)	311604	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.887	4.899	(0.865)	470393	44.0240	2900
* 80 Naphthalene-d8	136	5.651	5.657	(1.000)	1102525	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.779	6.785	(0.910)	804328	42.2082	2800
* 82 Acenaphthene-d10	164	7.449	7.454	(1.000)	583772	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.236	8.242	(1.106)	157440	79.0652	5300
* 83 Phenanthrene-d10	188	8.912	8.917	(1.000)	711966	40.0000	
$ 78 Terphenyl-d14	244	10.492	10.492	(0.905)	448402	41.1150	2700
* 81 Chrysene-d12	240	11.597	11.603	(1.000)	496240	40.0000	
* 84 Perylene-d12	264	13.424	13.424	(1.000)	471675	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10102.d
Report Date: 30-Mar-2011 11:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10102.d
Lab Smp Id: MB 460-68871/1-A
Inj Date : 30-MAR-2011 01:36
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-68871/1-A
Misc Info : MB 460-68871/1-A
Comment :
Method : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 32 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.96000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	4.282	1936359	40.000

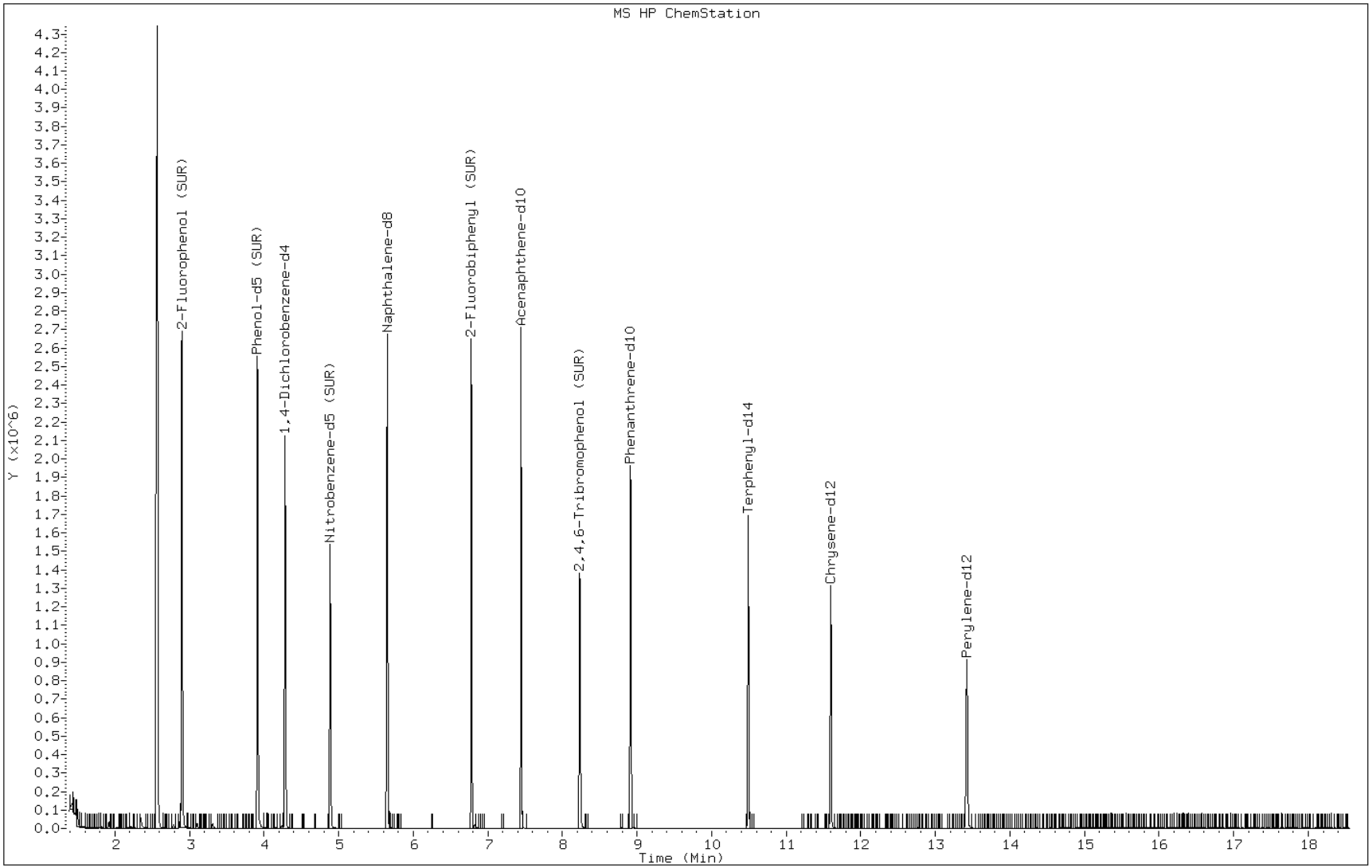
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Aldol Condensate					CAS #:		
2.572	5989337	123.723627	8300	0		0	79

Data File: p10102.d

Date: 30-MAR-2011 01:36

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-68871/1-A Operator: BNAMS 4



Data File: p10102.d

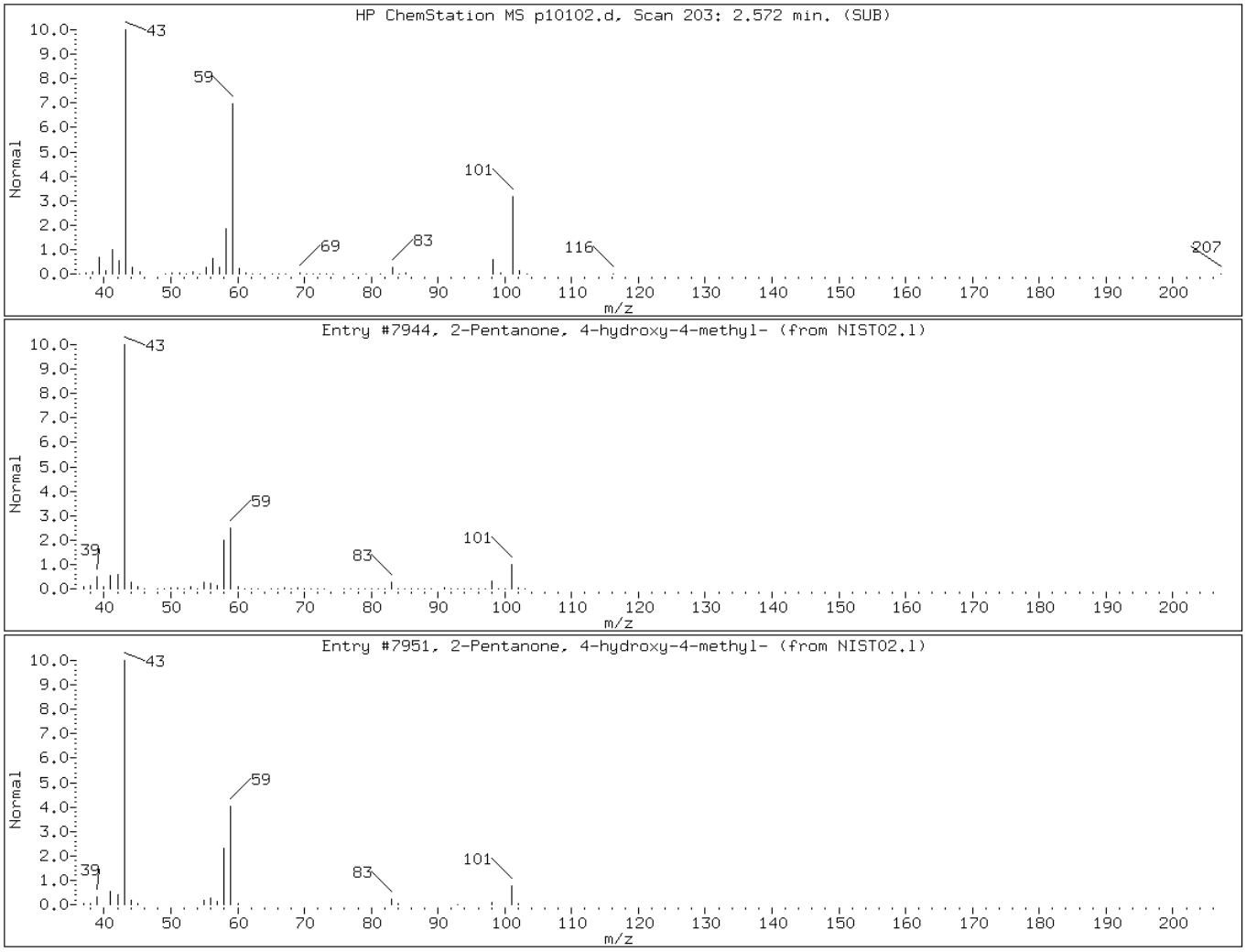
Date: 30-MAR-2011 01:36

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-68871/1-A Operator: BNAMS 4

Retention Time: 2.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7944	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	50	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69007/1-A

Matrix: Solid | Lab File ID: z15581.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 03:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	330	U	330	40
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
106-44-5	4-Methylphenol	330	U	330	54
100-52-7	Benzaldehyde	330	U	330	21
98-86-2	Acetophenone	330	U	330	49
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
98-95-3	Nitrobenzene	33	U	33	7.4
67-72-1	Hexachloroethane	33	U	33	5.6
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
120-83-2	2,4-Dichlorophenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	55
91-57-6	2-Methylnaphthalene	330	U	330	48
118-74-1	Hexachlorobenzene	33	U	33	4.6
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	Diphenyl	330	U	330	54
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	90
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
131-11-3	Dimethyl phthalate	330	U	330	45
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69007/1-A

Matrix: Solid | Lab File ID: z15581.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 03:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
51-28-5	2,4-Dinitrophenol	1000	U	1000	70
132-64-9	Dibenzofuran	330	U	330	50
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
206-44-0	Fluoranthene	330	U	330	55
84-74-2	Di-n-butyl phthalate	330	U	330	51
121-14-2	2,4-Dinitrotoluene	67	U	67	9.6
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
1912-24-9	Atrazine	330	U	330	62
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
85-01-8	Phenanthrene	330	U	330	58
87-86-5	Pentachlorophenol	1000	U	1000	160
129-00-0	Pyrene	330	U	330	57
218-01-9	Chrysene	330	U	330	48
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
191-24-2	Benzo[g,h,i]perylene	330	U	330	35
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
50-32-8	Benzo[a]pyrene	33	U	33	4.1
56-55-3	Benzo[a]anthracene	33	U	33	6.1
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
85-68-7	Butyl benzyl phthalate	330	U	330	39
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	330	44
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69007/1-A

Matrix: Solid | Lab File ID: z15581.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 03:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	75		16-151
118-79-6	2,4,6-Tribromophenol	83		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	69		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69007/1-A

Matrix: Solid | Lab File ID: z15581.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 03:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 7800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.14	7800	A J

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15581.d
Report Date: 31-Mar-2011 12:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15581.d
Lab Smp Id: MB 460-69007/1-A
Inj Date : 31-MAR-2011 03:53
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-69007/1-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.357	1.322	(0.570)	952546	71.0982	4700
$ 17 Phenol-d5 (SUR)	99	2.145	2.151	(0.901)	1227211	78.5138	5200
* 79 1,4-Dichlorobenzene-d4	152	2.381	2.387	(1.000)	430770	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	2.957	2.975	(0.796)	633194	36.7358	2400
* 80 Naphthalene-d8	136	3.716	3.728	(1.000)	1645272	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.881	4.887	(0.889)	1130345	34.3480	2300
* 82 Acenaphthene-d10	164	5.492	5.498	(1.000)	839302	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.263	6.269	(1.140)	289817	82.8054	5500
* 83 Phenanthrene-d10	188	6.910	6.910	(1.000)	1114383	40.0000	
$ 78 Terphenyl-d14	244	8.492	8.492	(0.900)	719966	37.6018	2500
* 81 Chrysene-d12	240	9.433	9.433	(1.000)	709796	40.0000	
* 84 Perylene-d12	264	10.745	10.745	(1.000)	500795	40.0000	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15581.d
Report Date: 31-Mar-2011 12:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15581.d
Lab Smp Id: MB 460-69007/1-A
Inj Date : 31-MAR-2011 03:53
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-69007/1-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	2.381	2627315	40.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Aldol Condensate							CAS #:
1.140	7696571	117.177745	7800	0		0	79

Data File: z15581.d

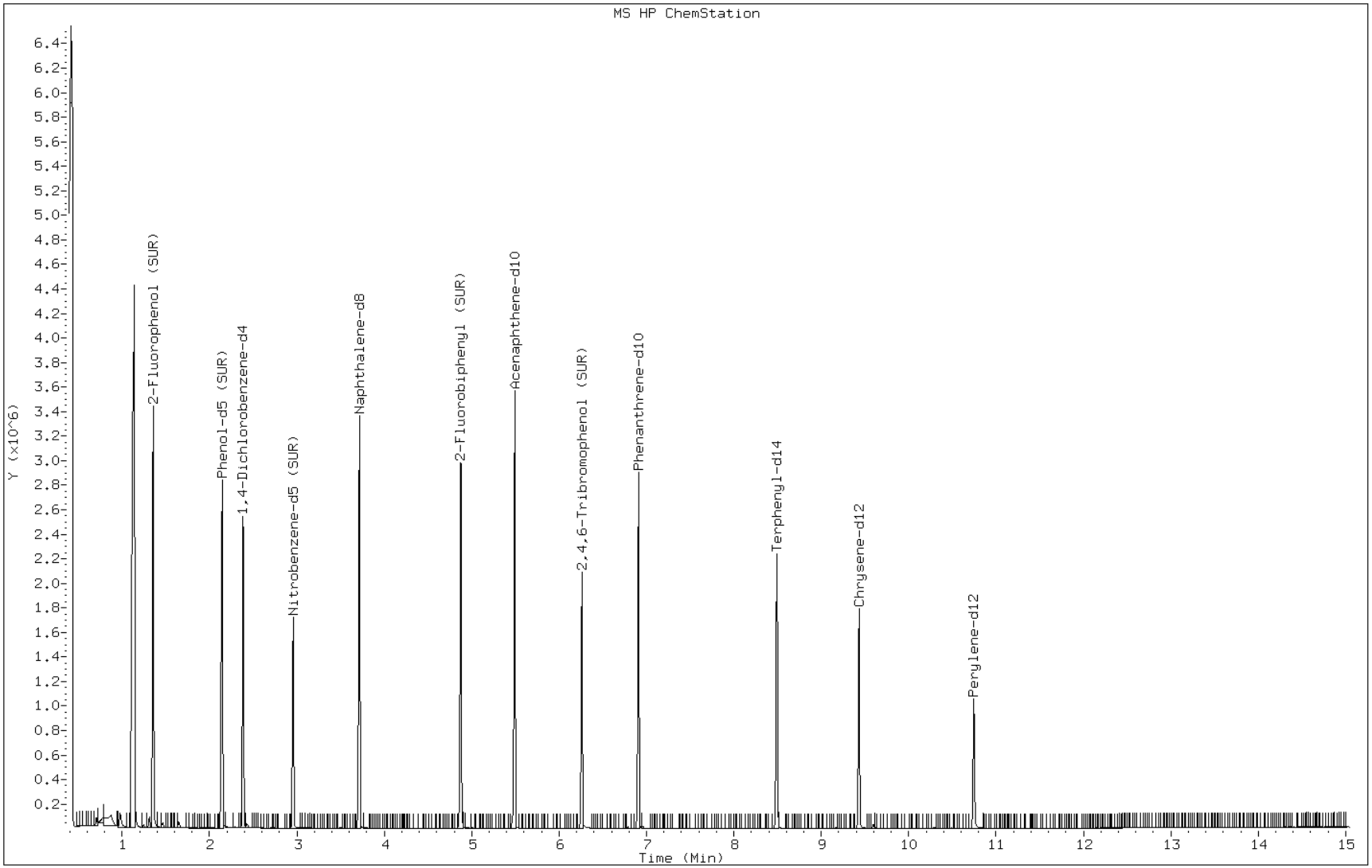
Date: 31-MAR-2011 03:53

Client ID:

Instrument: BNAMS11.i

Sample Info: MB 460-69007/1-A

Operator: BNAMS 4



Data File: z15581.d

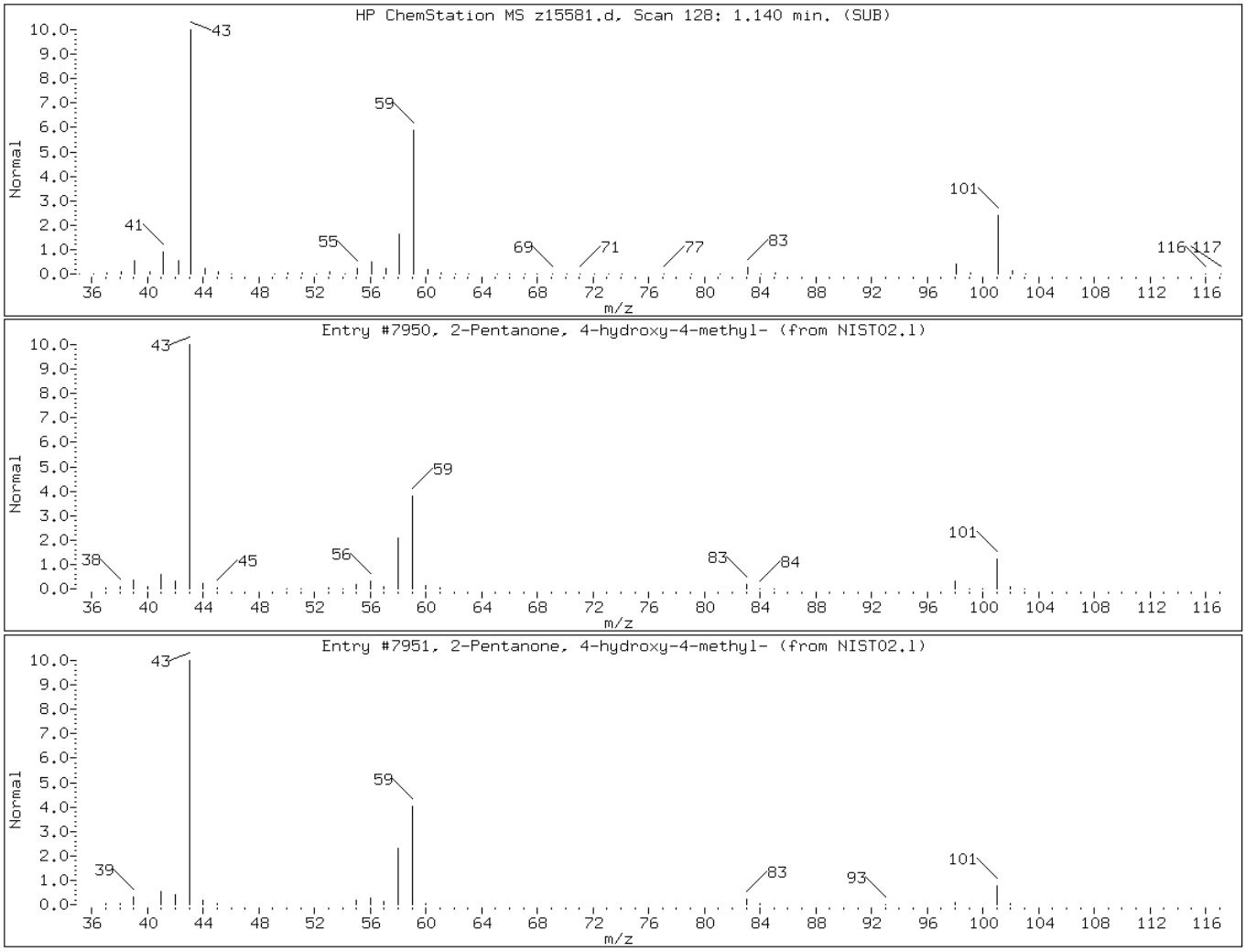
Date: 31-MAR-2011 03:53

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-69007/1-A Operator: BNAMS 4

Retention Time: 1.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	40	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68798/2-A

Matrix: Solid | Lab File ID: u66359.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.03(g) | Date Analyzed: 03/30/2011 04:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	4870		330	40
95-57-8	2-Chlorophenol	5280		330	44
95-48-7	2-Methylphenol	5220		330	48
106-44-5	4-Methylphenol	5490		330	54
100-52-7	Benzaldehyde	1110		330	21
98-86-2	Acetophenone	2860		330	49
111-44-4	Bis(2-chloroethyl)ether	3180		33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	2560		330	43
621-64-7	N-Nitrosodi-n-propylamine	2980		33	4.4
98-95-3	Nitrobenzene	2470		33	7.4
67-72-1	Hexachloroethane	2270		33	5.6
78-59-1	Isophorone	365		330	38
88-75-5	2-Nitrophenol	5330		330	54
105-67-9	2,4-Dimethylphenol	5430		330	53
120-83-2	2,4-Dichlorophenol	5900		330	53
111-91-1	Bis(2-chloroethoxy)methane	2700		330	47
91-20-3	Naphthalene	2490		330	48
106-47-8	4-Chloroaniline	1660		330	42
87-68-3	Hexachlorobutadiene	2560		67	13
105-60-2	Caprolactam	1860		330	45
59-50-7	4-Chloro-3-methylphenol	5560		330	55
91-57-6	2-Methylnaphthalene	2640		330	48
118-74-1	Hexachlorobenzene	2720		33	4.6
77-47-4	Hexachlorocyclopentadiene	2750		330	97
88-06-2	2,4,6-Trichlorophenol	6080		330	59
95-95-4	2,4,5-Trichlorophenol	5620		330	64
92-52-4	Diphenyl	2920		330	54
91-58-7	2-Chloronaphthalene	2820		330	47
88-74-4	2-Nitroaniline	2750		670	90
606-20-2	2,6-Dinitrotoluene	3490		67	8.4
131-11-3	Dimethyl phthalate	3060		330	45
208-96-8	Acenaphthylene	2690		330	47
99-09-2	3-Nitroaniline	1710		670	75
83-32-9	Acenaphthene	2940		330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68798/2-A

Matrix: Solid | Lab File ID: u66359.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.03(g) | Date Analyzed: 03/30/2011 04:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5890		1000	85
51-28-5	2,4-Dinitrophenol	2990		1000	70
132-64-9	Dibenzofuran	2610		330	50
84-66-2	Diethyl phthalate	3050		330	44
86-73-7	Fluorene	2770		330	56
206-44-0	Fluoranthene	2650		330	55
84-74-2	Di-n-butyl phthalate	2720		330	50
121-14-2	2,4-Dinitrotoluene	3130		67	9.6
7005-72-3	4-Chlorophenyl phenyl ether	3290		330	57
100-01-6	4-Nitroaniline	2800		670	68
534-52-1	4,6-Dinitro-2-methylphenol	3660		1000	160
101-55-3	4-Bromophenyl phenyl ether	2980		330	59
1912-24-9	Atrazine	2320		330	62
120-12-7	Anthracene	2840		330	58
86-74-8	Carbazole	2590		330	52
85-01-8	Phenanthrene	2580		330	58
87-86-5	Pentachlorophenol	5200		1000	160
129-00-0	Pyrene	3080		330	57
218-01-9	Chrysene	2800		330	48
207-08-9	Benzo[k]fluoranthene	3310		33	4.6
191-24-2	Benzo[g,h,i]perylene	3240		330	35
205-99-2	Benzo[b]fluoranthene	3030		33	4.9
50-32-8	Benzo[a]pyrene	3150		33	4.1
56-55-3	Benzo[a]anthracene	2850		33	6.1
86-30-6	N-Nitrosodiphenylamine	2540		330	54
85-68-7	Butyl benzyl phthalate	2990		330	39
117-81-7	Bis(2-ethylhexyl) phthalate	2970		330	44
117-84-0	Di-n-octyl phthalate	3180		330	39
193-39-5	Indeno[1,2,3-cd]pyrene	3280		33	5.3
53-70-3	Dibenz(a,h)anthracene	3270		33	4.0
91-94-1	3,3'-Dichlorobenzidine	1620		670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	2820		330	44
58-90-2	2,3,4,6-Tetrachlorophenol	2940		330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68798/2-A

Matrix: Solid | Lab File ID: u66359.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.03(g) | Date Analyzed: 03/30/2011 04:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	81		41-118
1718-51-0	Terphenyl-d14	92		16-151
118-79-6	2,4,6-Tribromophenol	101		10-120
367-12-4	2-Fluorophenol	82		37-125
321-60-8	2-Fluorobiphenyl	73		40-109

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66359.d
Report Date: 30-Mar-2011 06:14

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66359.d
Lab Smp Id: LCS 460-68798/2-A
Inj Date : 30-MAR-2011 04:24
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : LCS 460-68798/2-A
Misc Info :
Comment :
Method : /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/8270C_08SP.m
Meth Date : 30-Mar-2011 05:28 asfawa Quant Type: ISTD
Cal Date : 18-MAR-2011 06:37 Cal File: u66242.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	106	1,4-Dioxane	88	0.794	0.749	(0.258)	43135	17.9593	1200
	19	N-Nitrosodimethylamine	74	0.970	0.935	(0.315)	136553	37.4276	2500
	71	Pyridine	79	0.977	0.942	(0.317)	142739	25.4253	1700
$	16	2-Fluorophenol (SUR)	112	1.927	1.911	(0.626)	442725	81.8882	5400
	110	Benzaldehyde	77	2.654	2.652	(0.861)	39542	16.7517	1100
$	17	Phenol-d5 (SUR)	99	2.816	2.814	(0.914)	558549	80.5010	5400
	1	Phenol	94	2.830	2.828	(0.919)	533526	73.2511	4900
	73	Aniline	93	2.771	2.770	(0.899)	263213	30.5025	2000
	20	bis(2-Chloroethyl)ether	93	2.859	2.850	(0.928)	228879	47.8140	3200
	2	2-Chlorophenol	128	2.889	2.887	(0.938)	495212	79.3002	5300
	113	n-decane	43	2.963	2.961	(0.962)	204780	31.2491	2100
	21	1,3-Dichlorobenzene	146	3.022	3.020	(0.981)	277179	35.3518	2400
*	79	1,4-Dichlorobenzene-d4	152	3.081	3.080	(1.000)	210070	40.0000	

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66359.d
Report Date: 30-Mar-2011 06:14

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22	1,4-Dichlorobenzene	146	3.103	3.101	(1.007)	277227	36.2448	2400
	74	Benzyl Alcohol	108	3.288	3.284	(1.067)	152571	42.4939	2800
	23	1,2-Dichlorobenzene	146	3.251	3.254	(1.055)	289514	37.0234	2500
	3	2-Methylphenol	108	3.437	3.445	(1.115)	398121	78.4381	5200
	24	bis (2-chloroisopropyl) ether	45	3.407	3.409	(1.106)	351174	38.4759	2600
	126	O-Toluidine	107	3.623	3.577	(1.176)	465137	80.4060	5400
	104	Acetophenone	105	3.548	3.547	(1.152)	414486	42.9836	2900
	4	4-Methylphenol	108	3.623	3.614	(1.176)	379266	82.5637	5500
	123	3 & 4 Methylphenol	108	3.623	3.614	(1.176)	379266	78.7947	5200
	25	N-Nitroso-di-n-propylamine	70	3.578	3.577	(1.161)	218681	44.7636	3000
	26	Hexachloroethane	117	3.593	3.599	(1.166)	139721	34.1456	2300
$	76	Nitrobenzene-d5 (SUR)	82	3.690	3.696	(0.837)	397789	38.1846	2500
	27	Nitrobenzene	77	3.712	3.718	(0.842)	457773	37.0550	2500
	107	N,N-Dimethylaniline	120	3.720	3.718	(1.207)	279227	35.2733	2400
	28	Isophorone	82	3.970	3.976	(0.901)	90776	5.48511	360(R)
	5	2-Nitrophenol	139	4.045	4.043	(0.917)	346117	80.0989	5300
	6	2,4-Dimethylphenol	122	4.155	4.154	(0.942)	425283	81.6177	5400
	29	bis(2-Chloroethoxy)methane	93	4.230	4.221	(0.959)	308055	40.5997	2700
	15	Benzoic Acid	122	4.454	4.412	(1.010)	117174	43.6260	2900
	7	2,4-Dichlorophenol	162	4.319	4.316	(0.980)	630604	88.6069	5900
	30	1,2,4-Trichlorobenzene	180	4.371	4.369	(0.992)	253341	38.7746	2600
*	80	Naphthalene-d8	136	4.409	4.412	(1.000)	652238	40.0000	
	31	Naphthalene	128	4.431	4.434	(1.005)	625456	37.4082	2500
	32	4-Chloroaniline	127	4.528	4.531	(1.027)	180283	24.9098	1700
	33	Hexachlorobutadiene	225	4.580	4.583	(1.039)	204576	38.4182	2600
	111	Caprolactam	113	4.990	4.981	(1.132)	47848	27.9630	1900
	8	4-Chloro-3-methylphenol	107	5.102	5.092	(1.157)	639687	83.5589	5600
	34	2-Methylnaphthalene	142	5.138	5.137	(1.165)	491619	39.7184	2600
	120	1-Methylnaphthalene	142	5.226	5.234	(1.185)	8591	0.68087	45(a)
	35	Hexachlorocyclopentadiene	237	5.308	5.308	(0.862)	184926	41.3179	2800
	129	1,2,4,5-Tetrachlorobenzene	216	5.314	5.316	(0.863)	293554	42.3805	2800
	121	2-tert-Butyl-4-methylphenol	149	5.529	5.420	(1.254)	6118	0.54075	36(a)
	9	2,4,6-Trichlorophenol	196	5.462	5.463	(0.887)	371236	91.4177	6100
	10	2,4,5-Trichlorophenol	196	5.515	5.508	(0.896)	395816	84.4293	5600
$	77	2-Fluorobiphenyl (SUR)	172	5.529	5.529	(0.898)	583974	36.5230	2400
	102	Diphenyl	154	5.618	5.619	(0.913)	854372	43.8293	2900
	36	2-Chloronaphthalene	162	5.618	5.619	(0.913)	673213	42.3278	2800
	103	Diphenyl Ether	170	5.720	5.722	(0.929)	383052	39.1080	2600
	37	2-Nitroaniline	65	5.758	5.766	(0.935)	215363	41.3322	2800
	125	1,3-Dimethylnaphthalene	156	5.618	5.847	(0.913)	6680	0.60319	40(a)
	38	Dimethylphthalate	163	5.965	5.959	(0.969)	915018	46.0301	3100
	114	Coumarin	146	6.016	5.959	(1.365)	1063	0.21259	14(a)
	40	2,6-Dinitrotoluene	165	6.016	6.019	(0.977)	232291	52.5195	3500
	39	Acenaphthylene	152	6.016	6.019	(0.977)	906074	40.4958	2700
	41	3-Nitroaniline	138	6.171	6.175	(1.002)	99459	25.6638	1700
*	82	Acenaphthene-d10	164	6.156	6.160	(1.000)	515807	40.0000	
	42	Acenaphthene	154	6.192	6.190	(1.006)	558672	44.2443	2900

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66359.d
Report Date: 30-Mar-2011 06:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	11 2,4-Dinitrophenol	184	6.295	6.295	(1.023)	97903	44.8769	3000
	12 4-Nitrophenol	65	6.426	6.414	(1.044)	345746	88.5865	5900
	44 2,4-Dinitrotoluene	165	6.413	6.422	(1.042)	291209	46.9978	3100
	43 Dibenzofuran	168	6.362	6.362	(1.033)	790204	39.2379	2600
	127 1-Naphthylamine	143	6.515	6.452	(1.058)	9226	0.82764	55(a)
	130 2,3,4,6-Tetrachlorophenol	232	6.515	6.518	(1.058)	191616	44.2376	2900
	128 2-Naphthylamine	143	6.515	6.540	(1.058)	9226	0.81493	54(a)
	45 Diethylphthalate	149	6.665	6.659	(1.083)	1014682	45.7968	3000
	46 4-Chlorophenyl-phenylether	204	6.717	6.718	(1.091)	287036	49.4572	3300
	47 Fluorene	166	6.694	6.696	(1.087)	699101	41.6992	2800
	48 4-Nitroaniline	138	6.790	6.786	(1.103)	157661	42.1153	2800
	13 4,6-Dinitro-2-methylphenol	198	6.827	6.823	(0.899)	162402	55.0103	3700
	49 N-Nitrosodiphenylamine	169	6.850	6.853	(0.902)	455049	38.1027	2500
	75 1,2-Diphenylhydrazine	77	6.872	6.875	(0.905)	896442	38.3148	2600
$	18 2,4,6-Tribromophenol (SUR)	330	6.938	6.941	(1.127)	279047	101.298	6800
	50 4-Bromophenyl-phenylether	248	7.181	7.184	(0.945)	241334	44.8391	3000
	51 Hexachlorobenzene	284	7.241	7.237	(0.953)	225633	40.9192	2700
	112 Atrazine	200	7.405	7.408	(0.975)	172726	34.8486	2300
	14 Pentachlorophenol	266	7.456	7.445	(0.981)	313065	78.1247	5200
	115 n-Octadecane	57	7.583	7.577	(0.998)	316789	37.4801	2500
*	83 Phenanthrene-d10	188	7.597	7.592	(1.000)	738094	40.0000	
	52 Phenanthrene	178	7.620	7.621	(1.003)	817458	38.8382	2600
	53 Anthracene	178	7.672	7.666	(1.010)	928800	42.6531	2800
	54 Carbazole	167	7.847	7.844	(1.033)	898999	38.8538	2600
	55 Di-n-butylphthalate	149	8.231	8.227	(1.083)	1613740	40.9304	2700
	56 Fluoranthene	202	8.760	8.757	(1.153)	948802	39.8028	2600
	58 Benzidine	184	8.924	8.927	(1.175)	8969	2.41306	160(aR)
	57 Pyrene	202	8.968	8.972	(0.884)	909125	46.3242	3100
$	78 Terphenyl-d14	244	9.158	9.156	(0.903)	736422	45.9763	3100
	59 Butylbenzylphthalate	149	9.653	9.654	(0.951)	659351	44.9521	3000
	124 Carbamazepine	193	9.653	9.736	(0.951)	2824	0.37293	25(a)
	60 3,3'-Dichlorobenzidine	252	10.131	10.132	(0.999)	162511	24.2833	1600
	61 Benzo(a)anthracene	228	10.131	10.132	(0.999)	802483	42.7984	2800
*	81 Chrysene-d12	240	10.145	10.146	(1.000)	650617	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.233	10.234	(1.009)	826191	44.7057	3000
	62 Chrysene	228	10.167	10.168	(1.002)	597774	42.0358	2800
	64 Di-n-octylphthalate	149	10.894	10.895	(0.934)	1259802	47.8491	3200
	65 Benzo(b)fluoranthene	252	11.238	11.237	(0.964)	568757	45.6159	3000
	66 Benzo(k)fluoranthene	252	11.267	11.267	(0.967)	566322	49.7449	3300
	67 Benzo(a)pyrene	252	11.599	11.595	(0.995)	437734	47.3044	3200(R)
*	84 Perylene-d12	264	11.657	11.655	(1.000)	356005	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	12.915	12.919	(1.108)	403062	49.2793	3300
	69 Dibenz(a,h)anthracene	278	12.937	12.933	(1.110)	324504	49.1878	3300
	70 Benzo(g,h,i)perylene	276	13.215	13.213	(1.134)	335033	48.6730	3200

Data File: /chem/BNAMS4.i/8270T/03-18-11/30mar11a.b/u66359.d
Report Date: 30-Mar-2011 06:14

QC Flag Legend

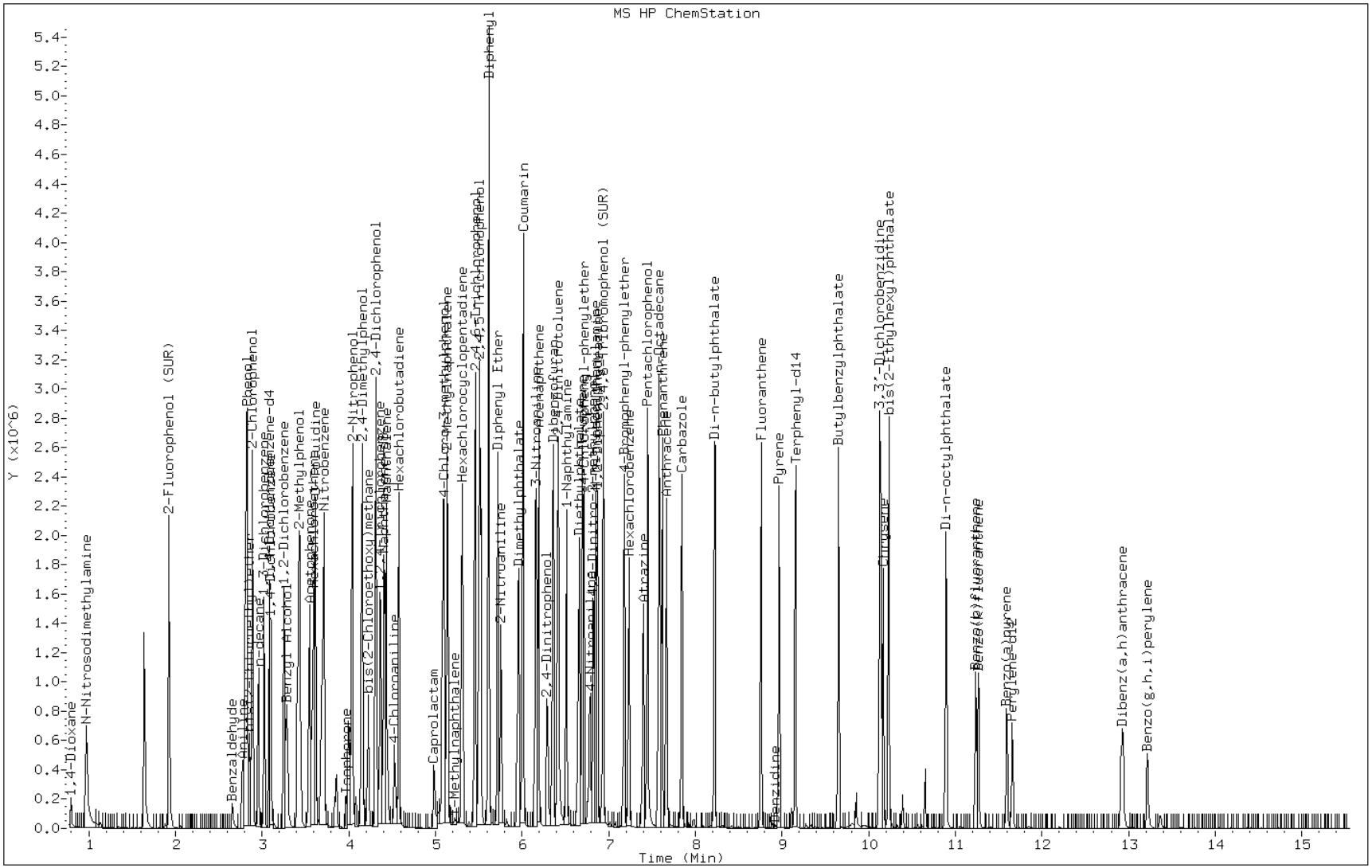
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: u66359.d

Date: 30-MAR-2011 04:24

Client ID: Instrument: BNAMS4.i

Sample Info: LCS 460-68798/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68871/2-A

Matrix: Solid | Lab File ID: p10101.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.96(g) | Date Analyzed: 03/30/2011 01:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5570		330	41
95-57-8	2-Chlorophenol	5890		330	44
95-48-7	2-Methylphenol	5960		330	48
106-44-5	4-Methylphenol	6090		330	54
100-52-7	Benzaldehyde	4820		330	21
98-86-2	Acetophenone	3060		330	49
111-44-4	Bis(2-chloroethyl)ether	3020		33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	3010		330	44
621-64-7	N-Nitrosodi-n-propylamine	3390		33	4.4
98-95-3	Nitrobenzene	2750		33	7.4
67-72-1	Hexachloroethane	2820		33	5.6
78-59-1	Isophorone	2920		330	38
88-75-5	2-Nitrophenol	6160		330	55
105-67-9	2,4-Dimethylphenol	5720		330	53
120-83-2	2,4-Dichlorophenol	5630		330	53
111-91-1	Bis(2-chloroethoxy)methane	3030		330	47
91-20-3	Naphthalene	2880		330	49
106-47-8	4-Chloroaniline	1900		330	42
87-68-3	Hexachlorobutadiene	2740		67	13
105-60-2	Caprolactam	3540		330	46
59-50-7	4-Chloro-3-methylphenol	6180		330	56
91-57-6	2-Methylnaphthalene	2960		330	48
118-74-1	Hexachlorobenzene	2860		33	4.6
77-47-4	Hexachlorocyclopentadiene	2320		330	97
88-06-2	2,4,6-Trichlorophenol	5870		330	59
95-95-4	2,4,5-Trichlorophenol	5930		330	64
92-52-4	Diphenyl	2990		330	55
91-58-7	2-Chloronaphthalene	2840		330	47
88-74-4	2-Nitroaniline	2670		670	91
606-20-2	2,6-Dinitrotoluene	3130		67	8.4
131-11-3	Dimethyl phthalate	3020		330	45
208-96-8	Acenaphthylene	2830		330	47
99-09-2	3-Nitroaniline	2220		670	75
83-32-9	Acenaphthene	2940		330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68871/2-A

Matrix: Solid | Lab File ID: p10101.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.96(g) | Date Analyzed: 03/30/2011 01:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6400		1000	85
51-28-5	2,4-Dinitrophenol	6280		1000	70
132-64-9	Dibenzofuran	2850		330	50
84-66-2	Diethyl phthalate	3060		330	45
86-73-7	Fluorene	2980		330	56
206-44-0	Fluoranthene	3080		330	55
84-74-2	Di-n-butyl phthalate	3230		330	51
121-14-2	2,4-Dinitrotoluene	3050		67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	2940		330	57
100-01-6	4-Nitroaniline	2960		670	68
534-52-1	4,6-Dinitro-2-methylphenol	7030		1000	160
101-55-3	4-Bromophenyl phenyl ether	2890		330	59
1912-24-9	Atrazine	2650		330	62
120-12-7	Anthracene	2900		330	59
86-74-8	Carbazole	3000		330	53
85-01-8	Phenanthrene	2950		330	58
87-86-5	Pentachlorophenol	6090		1000	160
129-00-0	Pyrene	2830		330	57
218-01-9	Chrysene	3050		330	48
207-08-9	Benzo[k]fluoranthene	2830		33	4.6
191-24-2	Benzo[g,h,i]perylene	2930		330	35
205-99-2	Benzo[b]fluoranthene	2800		33	4.9
50-32-8	Benzo[a]pyrene	2810		33	4.1
56-55-3	Benzo[a]anthracene	2790		33	6.1
86-30-6	N-Nitrosodiphenylamine	3140		330	54
85-68-7	Butyl benzyl phthalate	3220		330	39
117-81-7	Bis(2-ethylhexyl) phthalate	3300		330	44
117-84-0	Di-n-octyl phthalate	3100		330	39
193-39-5	Indeno[1,2,3-cd]pyrene	3380		33	5.3
53-70-3	Dibenz(a,h)anthracene	3020		33	4.0
91-94-1	3,3'-Dichlorobenzidine	2400		670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	2850		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2900		330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68871/2-A

Matrix: Solid Lab File ID: p10101.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.96(g) Date Analyzed: 03/30/2011 01:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	87		38-105
4165-62-2	Phenol-d5	85		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	82		10-120
367-12-4	2-Fluorophenol	85		37-125
321-60-8	2-Fluorobiphenyl	85		40-109

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10101.d
Report Date: 05-Apr-2011 17:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10101.d
Lab Smp Id: LCS 460-68871/2-A
Inj Date : 30-MAR-2011 01:09
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : LCS 460-68871/2-A
Misc Info : LCS 460-68871/2-A
Comment :
Method : /chem/BNAMS10.i/8270/02-26-11/30mar11.b/8270C_08SP.m
Meth Date : 30-Mar-2011 02:01 wahied Quant Type: ISTD
Cal Date : 26-FEB-2011 15:56 Cal File: p9570.d
Als bottle: 31 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
106	1,4-Dioxane	88	1.455	1.420	(0.339)	137891	25.2478	1700
19	N-Nitrosodimethylamine	74	1.679	1.649	(0.392)	289803	44.1471	2900(R)
71	Pyridine	79	1.708	1.679	(0.398)	381930	34.3034	2300
$ 16	2-Fluorophenol (SUR)	112	2.907	2.883	(0.678)	804430	85.1783	5700
110	Benzaldehyde	77	3.806	3.800	(0.888)	264824	72.0855	4800
73	Aniline	93	3.929	3.929	(0.916)	425641	30.7801	2000
$ 17	Phenol-d5 (SUR)	99	3.929	3.923	(0.916)	911523	84.9783	5600
1	Phenol	94	3.941	3.935	(0.919)	1028268	83.3726	5600
20	bis(2-Chloroethyl)ether	93	4.011	4.005	(0.936)	442832	45.2527	3000
2	2-Chlorophenol	128	4.064	4.064	(0.948)	870669	88.1890	5900
113	n-decane	43	4.141	4.135	(0.966)	398282	39.7954	2600
21	1,3-Dichlorobenzene	146	4.229	4.223	(0.986)	501533	41.2182	2700
* 79	1,4-Dichlorobenzene-d4	152	4.287	4.287	(1.000)	298384	40.0000	

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10101.d
Report Date: 05-Apr-2011 17:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	4.305	4.305	(1.004)	501209	41.4051	2800
	23 1,2-Dichlorobenzene	146	4.470	4.470	(1.042)	478115	42.5634	2800
	74 Benzyl Alcohol	108	4.458	4.458	(1.040)	276961	46.7171	3100
	24 bis (2-chloroisopropyl) ether	45	4.605	4.605	(1.074)	504353	45.0643	3000
	3 2-Methylphenol	108	4.599	4.599	(1.073)	721114	89.1441	5900
	104 Acetophenone	105	4.740	4.740	(1.106)	542716	45.7723	3000
	25 N-Nitroso-di-n-propylamine	70	4.752	4.752	(1.108)	304249	50.6731	3400
	26 Hexachloroethane	117	4.834	4.834	(1.127)	191560	42.1773	2800
	4 4-Methylphenol	108	4.769	4.769	(1.112)	698404	91.1295	6100
	123 3 & 4 Methylphenol	108	4.769	4.769	(1.112)	698404	91.0684	6100
$	76 Nitrobenzene-d5 (SUR)	82	4.893	4.899	(0.865)	437623	43.6562	2900
	27 Nitrobenzene	77	4.916	4.922	(0.869)	579521	41.1590	2700
	107 N,N-Dimethylaniline	120	4.922	4.928	(1.148)	589960	40.8512	2700
	28 Isophorone	82	5.181	5.181	(0.916)	704281	43.7485	2900
	5 2-Nitrophenol	139	5.263	5.263	(0.930)	479067	92.0995	6100
	6 2,4-Dimethylphenol	122	5.339	5.339	(0.944)	677828	85.5135	5700
	29 bis(2-Chloroethoxy)methane	93	5.427	5.427	(0.959)	475305	45.3222	3000
	7 2,4-Dichlorophenol	162	5.527	5.527	(0.977)	616945	84.2396	5600
	30 1,2,4-Trichlorobenzene	180	5.604	5.604	(0.991)	377712	41.4286	2800
	15 Benzoic Acid	122	5.521	5.492	(0.976)	419279	93.4241	6200
*	80 Naphthalene-d8	136	5.656	5.657	(1.000)	1034359	40.0000	
	31 Naphthalene	128	5.680	5.680	(1.004)	1193819	43.1427	2900
	32 4-Chloroaniline	127	5.750	5.750	(1.017)	294038	28.3939	1900
	33 Hexachlorobutadiene	225	5.827	5.827	(1.030)	180319	40.9896	2700
	111 Caprolactam	113	6.138	6.132	(1.085)	114279	52.9250	3500
	8 4-Chloro-3-methylphenol	107	6.285	6.291	(1.111)	627136	92.3907	6200
	34 2-Methylnaphthalene	142	6.403	6.403	(1.132)	757369	44.2809	2900
	35 Hexachlorocyclopentadiene	237	6.573	6.579	(0.882)	154411	34.7710	2300
	129 1,2,4,5-Tetrachlorobenzene	216	6.579	6.579	(0.883)	296116	42.5761	2800
	9 2,4,6-Trichlorophenol	196	6.708	6.708	(0.900)	392153	87.7515	5800
	10 2,4,5-Trichlorophenol	196	6.743	6.749	(0.905)	407006	88.6569	5900
$	77 2-Fluorobiphenyl (SUR)	172	6.785	6.785	(0.910)	746979	42.2508	2800
	36 2-Chloronaphthalene	162	6.896	6.896	(0.925)	674224	42.4441	2800
	102 Diphenyl	154	6.884	6.884	(0.924)	896701	44.7653	3000
	103 Diphenyl Ether	170	6.990	6.990	(0.938)	470948	42.6431	2800
	37 2-Nitroaniline	65	7.008	7.014	(0.940)	197220	40.0109	2700
	38 Dimethylphthalate	163	7.202	7.208	(0.966)	713117	45.2258	3000
	40 2,6-Dinitrotoluene	165	7.255	7.261	(0.973)	174890	46.7589	3100
	39 Acenaphthylene	152	7.307	7.308	(0.980)	1018906	42.3506	2800
*	82 Acenaphthene-d10	164	7.454	7.454	(1.000)	541602	40.0000	
	41 3-Nitroaniline	138	7.419	7.425	(0.995)	135570	33.2043	2200
	42 Acenaphthene	154	7.484	7.484	(1.004)	628178	44.0494	2900
	11 2,4-Dinitrophenol	184	7.531	7.537	(1.010)	186016	93.9072	6200
	43 Dibenzofuran	168	7.660	7.660	(1.028)	901800	42.6506	2800
	44 2,4-Dinitrotoluene	165	7.660	7.666	(1.028)	214544	45.5941	3000
	12 4-Nitrophenol	65	7.625	7.625	(1.023)	233937	95.7743	6400
	130 2,3,4,6-Tetrachlorophenol	232	7.789	7.795	(1.045)	138707	43.3702	2900(H)

Data File: /chem/BNAMS10.i/8270/02-26-11/30mar11.b/p10101.d
Report Date: 05-Apr-2011 17:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	45 Diethylphthalate	149	7.913	7.907	(1.061)	676397	45.7915	3000
	47 Fluorene	166	7.995	8.001	(1.073)	724362	44.5863	3000
	46 4-Chlorophenyl-phenylether	204	8.007	8.007	(1.074)	316528	44.0239	2900
	48 4-Nitroaniline	138	8.030	8.030	(1.077)	170209	44.2958	2900
	13 4,6-Dinitro-2-methylphenol	198	8.065	8.065	(0.904)	236890	105.143	7000
	49 N-Nitrosodiphenylamine	169	8.124	8.124	(0.911)	481188	47.0322	3100
	75 1,2-Diphenylhydrazine	77	8.159	8.159	(0.915)	821348	45.5444	3000
$	18 2,4,6-Tribromophenol (SUR)	330	8.242	8.242	(1.106)	151567	82.0423	5500
	50 4-Bromophenyl-phenylether	248	8.483	8.483	(0.951)	161560	43.2950	2900
	51 Hexachlorobenzene	284	8.547	8.547	(0.958)	169477	42.8079	2800
	112 Atrazine	200	8.665	8.665	(0.972)	137109	39.6045	2600
	14 Pentachlorophenol	266	8.747	8.747	(0.981)	192577	91.0808	6100
*	83 Phenanthrene-d10	188	8.917	8.917	(1.000)	700173	40.0000	
	115 n-Octadecane	57	8.847	8.847	(0.992)	450934	50.3861	3400
	52 Phenanthrene	178	8.941	8.941	(1.003)	898277	44.1173	2900
	53 Anthracene	178	8.994	8.994	(1.009)	898537	43.4247	2900
	54 Carbazole	167	9.158	9.158	(1.027)	830801	44.8199	3000
	55 Di-n-butylphthalate	149	9.517	9.517	(1.067)	1019585	48.3058	3200
	56 Fluoranthene	202	10.110	10.110	(1.134)	841709	46.0918	3100
	58 Benzidine	184	10.251	10.257	(1.150)	84329	21.2355	1400
	57 Pyrene	202	10.328	10.328	(0.890)	847277	42.3477	2800
$	78 Terphenyl-d14	244	10.492	10.492	(0.904)	513722	42.5113	2800
	59 Butylbenzylphthalate	149	10.997	10.997	(0.948)	435534	48.1995	3200
	61 Benzo(a)anthracene	228	11.591	11.591	(0.999)	658505	41.7162	2800
	60 3,3'-Dichlorobenzidine	252	11.573	11.573	(0.997)	181744	35.9330	2400
*	81 Chrysene-d12	240	11.603	11.603	(1.000)	549855	40.0000	
	62 Chrysene	228	11.632	11.632	(1.003)	644247	45.6954	3000
	63 bis(2-Ethylhexyl)phthalate	149	11.661	11.655	(1.005)	599914	49.3055	3300
	64 Di-n-octylphthalate	149	12.466	12.466	(0.928)	910572	46.4289	3100
	65 Benzo(b)fluoranthene	252	12.930	12.930	(0.963)	603602	41.8284	2800
	66 Benzo(k)fluoranthene	252	12.966	12.966	(0.965)	672741	42.3383	2800
	67 Benzo(a)pyrene	252	13.348	13.354	(0.994)	525710	41.9992	2800
*	84 Perylene-d12	264	13.430	13.424	(1.000)	493427	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.840	14.840	(1.105)	674508	50.5842	3400
	69 Dibenz(a,h)anthracene	278	14.875	14.875	(1.108)	559133	45.2105	3000
	70 Benzo(g,h,i)perylene	276	15.204	15.210	(1.132)	574516	43.8718	2900

QC Flag Legend

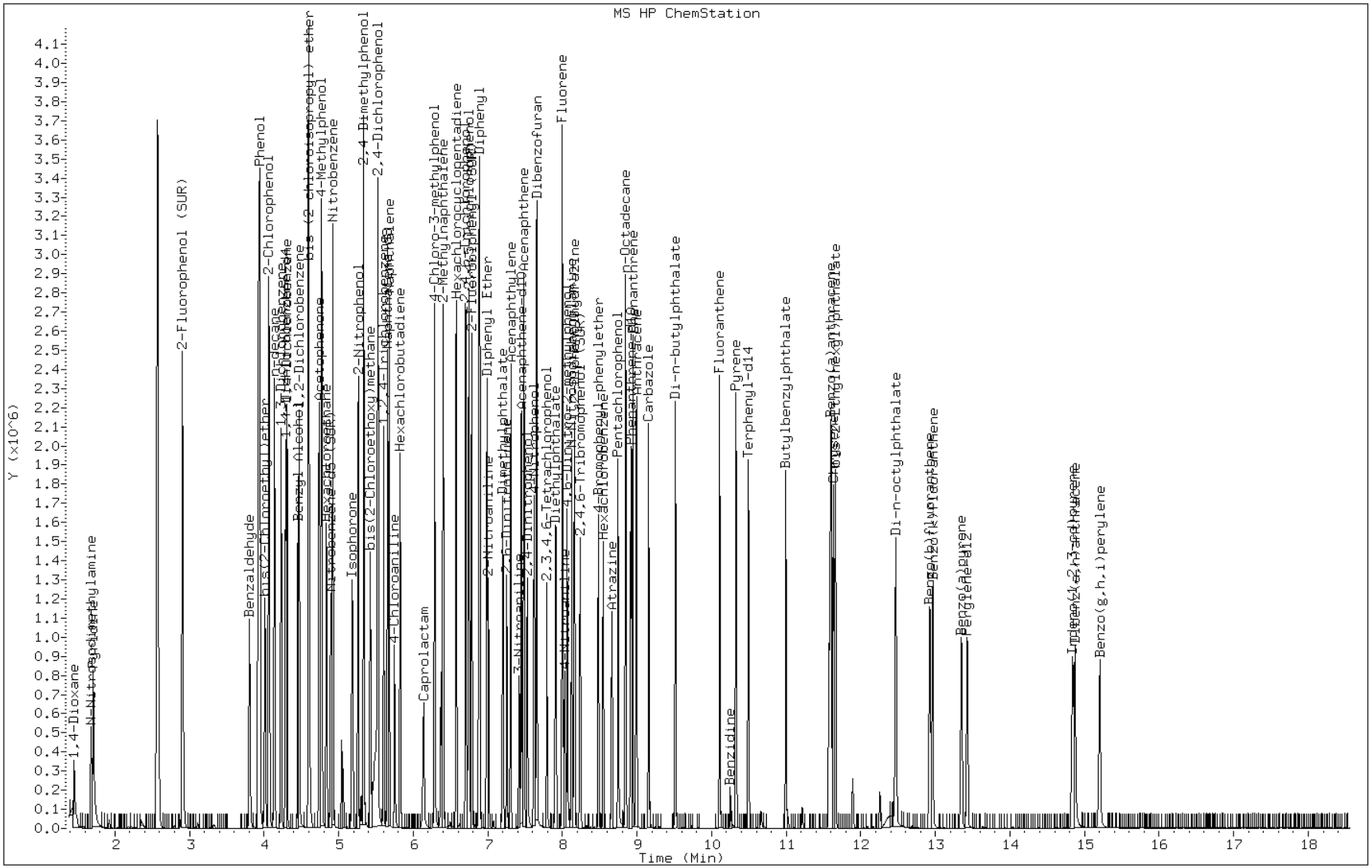
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: p10101.d

Date: 30-MAR-2011 01:09

Client ID: Instrument: BNAMS10.i

Sample Info: LCS 460-68871/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69007/2-A

Matrix: Solid | Lab File ID: z15580.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.96(g) | Date Analyzed: 03/31/2011 03:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5440		330	41
95-57-8	2-Chlorophenol	5140		330	44
95-48-7	2-Methylphenol	5560		330	48
106-44-5	4-Methylphenol	5490		330	54
100-52-7	Benzaldehyde	4310		330	21
98-86-2	Acetophenone	2920		330	49
111-44-4	Bis(2-chloroethyl)ether	2650		33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	2960		330	44
621-64-7	N-Nitrosodi-n-propylamine	3250		33	4.4
98-95-3	Nitrobenzene	2650		33	7.4
67-72-1	Hexachloroethane	2640		33	5.6
78-59-1	Isophorone	2580		330	38
88-75-5	2-Nitrophenol	5500		330	55
105-67-9	2,4-Dimethylphenol	5310		330	53
120-83-2	2,4-Dichlorophenol	5320		330	53
111-91-1	Bis(2-chloroethoxy)methane	2870		330	47
91-20-3	Naphthalene	2660		330	49
106-47-8	4-Chloroaniline	1800		330	42
87-68-3	Hexachlorobutadiene	2660		67	13
105-60-2	Caprolactam	2820		330	46
59-50-7	4-Chloro-3-methylphenol	5840		330	56
91-57-6	2-Methylnaphthalene	4670		330	48
118-74-1	Hexachlorobenzene	2800		33	4.6
77-47-4	Hexachlorocyclopentadiene	2540		330	97
88-06-2	2,4,6-Trichlorophenol	5400		330	59
95-95-4	2,4,5-Trichlorophenol	5530		330	64
92-52-4	Diphenyl	2710		330	55
91-58-7	2-Chloronaphthalene	2650		330	47
88-74-4	2-Nitroaniline	2920		670	91
606-20-2	2,6-Dinitrotoluene	3340		67	8.4
131-11-3	Dimethyl phthalate	2970		330	45
208-96-8	Acenaphthylene	2650		330	47
99-09-2	3-Nitroaniline	2080		670	75
83-32-9	Acenaphthene	2750		330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69007/2-A

Matrix: Solid | Lab File ID: z15580.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.96(g) | Date Analyzed: 03/31/2011 03:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6510		1000	85
51-28-5	2,4-Dinitrophenol	6230		1000	70
132-64-9	Dibenzofuran	2790		330	50
84-66-2	Diethyl phthalate	3050		330	45
86-73-7	Fluorene	2860		330	56
206-44-0	Fluoranthene	3230		330	55
84-74-2	Di-n-butyl phthalate	3210		330	51
121-14-2	2,4-Dinitrotoluene	3290		67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	2930		330	57
100-01-6	4-Nitroaniline	3700		670	68
534-52-1	4,6-Dinitro-2-methylphenol	5850		1000	160
101-55-3	4-Bromophenyl phenyl ether	2770		330	59
1912-24-9	Atrazine	2970		330	62
120-12-7	Anthracene	2630		330	59
86-74-8	Carbazole	3090		330	53
85-01-8	Phenanthrene	2850		330	58
87-86-5	Pentachlorophenol	5790		1000	160
129-00-0	Pyrene	2600		330	57
218-01-9	Chrysene	2710		330	48
207-08-9	Benzo[k]fluoranthene	2610		33	4.6
191-24-2	Benzo[g,h,i]perylene	2770		330	35
205-99-2	Benzo[b]fluoranthene	2830		33	4.9
50-32-8	Benzo[a]pyrene	2800		33	4.1
56-55-3	Benzo[a]anthracene	2800		33	6.1
86-30-6	N-Nitrosodiphenylamine	2840		330	54
85-68-7	Butyl benzyl phthalate	2920		330	39
117-81-7	Bis(2-ethylhexyl) phthalate	3040		330	44
117-84-0	Di-n-octyl phthalate	2780		330	39
193-39-5	Indeno[1,2,3-cd]pyrene	2960		33	5.3
53-70-3	Dibenz(a,h)anthracene	2990		33	4.0
91-94-1	3,3'-Dichlorobenzidine	2210		670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	2590		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	3110		330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69007/2-A

Matrix: Solid | Lab File ID: z15580.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 14.96(g) | Date Analyzed: 03/31/2011 03:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	75		16-151
118-79-6	2,4,6-Tribromophenol	88		10-120
367-12-4	2-Fluorophenol	70		37-125
321-60-8	2-Fluorobiphenyl	73		40-109

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15580.d
Report Date: 31-Mar-2011 12:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15580.d
Lab Smp Id: LCS 460-69007/2-A
Inj Date : 31-MAR-2011 03:31
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-69007/2-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/03-21-11/31mar11.b/8270C_08SP.m
Meth Date : 31-Mar-2011 04:10 wahied Quant Type: ISTD
Cal Date : 21-MAR-2011 13:13 Cal File: z15282.d
Als bottle: 4 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	106 1,4-Dioxane	88	0.481	0.446	(0.201)	48573	14.5906	970
	19 N-Nitrosodimethylamine	74	0.575	0.534	(0.241)	250462	34.3237	2300
	71 Pyridine	79	0.587	0.546	(0.246)	362247	27.6504	1800
$	16 2-Fluorophenol (SUR)	112	1.351	1.322	(0.566)	793178	70.3511	4700
	110 Benzaldehyde	77	1.981	1.975	(0.830)	279556	64.4820	4300
	73 Aniline	93	2.098	2.093	(0.879)	520180	30.4619	2000
$	17 Phenol-d5 (SUR)	99	2.157	2.151	(0.904)	1000190	76.0391	5100
	1 Phenol	94	2.169	2.163	(0.909)	1132934	81.3468	5400
	20 bis(2-Chloroethyl)ether	93	2.198	2.193	(0.921)	506494	39.5833	2600
	2 2-Chlorophenol	128	2.204	2.204	(0.924)	935345	76.8816	5100
	113 n-decane	43	2.304	2.304	(0.965)	483300	36.0790	2400
	21 1,3-Dichlorobenzene	146	2.328	2.328	(0.975)	581922	38.4525	2600
*	79 1,4-Dichlorobenzene-d4	152	2.387	2.387	(1.000)	362508	40.0000	

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15580.d
Report Date: 31-Mar-2011 12:41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
22	1,4-Dichlorobenzene	146	2.404	2.404	(1.007)	579311	38.5870	2600
23	1,2-Dichlorobenzene	146	2.540	2.546	(1.064)	568177	39.9969	2700
74	Benzyl Alcohol	108	2.581	2.587	(1.081)	333024	47.2483	3100
24	bis (2-chloroisopropyl) ether	45	2.716	2.722	(1.138)	681530	44.3520	3000
3	2-Methylphenol	108	2.740	2.751	(1.148)	859229	83.1839	5500
104	Acetophenone	105	2.834	2.840	(1.187)	652087	43.7251	2900
25	N-Nitroso-di-n-propylamine	70	2.875	2.875	(1.205)	369299	48.6356	3200
4	4-Methylphenol	108	2.928	2.928	(1.227)	819483	82.1925	5500(A)
123	3 & 4 Methylphenol	108	2.928	2.928	(1.227)	819483	99.5751	6600(A)
26	Hexachloroethane	117	2.875	2.881	(1.205)	216203	39.5251	2600
$ 76	Nitrobenzene-d5 (SUR)	82	2.969	2.975	(0.798)	517641	37.3468	2500
27	Nitrobenzene	77	2.993	2.998	(0.804)	730372	39.6522	2600
107	N,N-Dimethylaniline	120	3.004	3.010	(1.259)	725432	40.8547	2700
28	Isophorone	82	3.292	3.281	(0.885)	805421	38.5875	2600
5	2-Nitrophenol	139	3.345	3.340	(0.899)	569545	82.2200	5500
6	2,4-Dimethylphenol	122	3.492	3.487	(0.938)	822284	79.4772	5300
29	bis(2-Chloroethoxy)methane	93	3.569	3.569	(0.959)	574155	42.9335	2900
7	2,4-Dichlorophenol	162	3.634	3.628	(0.976)	744330	79.5503	5300
15	Benzoic Acid	122	3.810	3.740	(1.024)	521881	106.897	7100
30	1,2,4-Trichlorobenzene	180	3.687	3.687	(0.991)	475682	40.2148	2700
* 80	Naphthalene-d8	136	3.722	3.728	(1.000)	1323018	40.0000	
31	Naphthalene	128	3.745	3.745	(1.006)	1443867	39.8182	2600
32	4-Chloroaniline	127	3.857	3.857	(1.036)	329672	26.9625	1800
33	Hexachlorobutadiene	225	3.922	3.922	(1.054)	271264	39.7237	2600
111	Caprolactam	113	4.316	4.298	(1.160)	83904	42.2358	2800
8	4-Chloro-3-methylphenol	107	4.457	4.451	(1.198)	687991	87.3250	5800
34	2-Methylnaphthalene	142	4.475	4.475	(1.202)	1452204	69.8445	4600(R)
35	Hexachlorocyclopentadiene	237	4.657	4.657	(0.847)	235014	38.0590	2500
129	1,2,4,5-Tetrachlorobenzene	216	4.657	4.657	(0.847)	429975	38.7158	2600
9	2,4,6-Trichlorophenol	196	4.810	4.804	(0.875)	505291	80.8439	5400
10	2,4,5-Trichlorophenol	196	4.845	4.845	(0.881)	524350	82.7878	5500
$ 77	2-Fluorobiphenyl (SUR)	172	4.881	4.887	(0.888)	897423	36.4418	2400
102	Diphenyl	154	4.969	4.969	(0.904)	1020250	40.5042	2700
36	2-Chloronaphthalene	162	4.957	4.957	(0.902)	772975	39.6749	2600
103	Diphenyl Ether	170	5.081	5.081	(0.924)	566419	40.0251	2700
37	2-Nitroaniline	65	5.098	5.104	(0.927)	262561	43.6452	2900
38	Dimethylphthalate	163	5.334	5.334	(0.970)	766106	44.3899	3000
40	2,6-Dinitrotoluene	165	5.369	5.369	(0.976)	191080	49.9675	3300
39	Acenaphthylene	152	5.345	5.351	(0.972)	1150388	39.6922	2600
41	3-Nitroaniline	138	5.510	5.516	(1.002)	119931	31.0840	2100
* 82	Acenaphthene-d10	164	5.498	5.498	(1.000)	628066	40.0000	
42	Acenaphthene	154	5.528	5.528	(1.005)	698995	41.1961	2700
11	2,4-Dinitrophenol	184	5.628	5.628	(1.024)	193937	93.2547	6200
43	Dibenzofuran	168	5.698	5.698	(1.036)	1021533	41.6735	2800
12	4-Nitrophenol	65	5.775	5.769	(1.050)	255220	97.4163	6500
44	2,4-Dinitrotoluene	165	5.751	5.757	(1.046)	219657	49.1590	3300
130	2,3,4,6-Tetrachlorophenol	232	5.857	5.857	(1.065)	200293	46.4814	3100

Data File: /chem/BNAMS11.i/8270/03-21-11/31mar11.b/z15580.d
Report Date: 31-Mar-2011 12:41

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	45 Diethylphthalate	149	6.033	6.034	(1.097)	664462	45.6966	3000
	47 Fluorene	166	6.028	6.028	(1.096)	785421	42.7359	2800
	46 4-Chlorophenyl-phenylether	204	6.075	6.075	(1.105)	407120	43.8881	2900
	48 4-Nitroaniline	138	6.110	6.110	(1.111)	154695	55.3555	3700(R)
	13 4,6-Dinitro-2-methylphenol	198	6.151	6.145	(0.889)	256711	87.5607	5800
	49 N-Nitrosodiphenylamine	169	6.204	6.204	(0.897)	516100	42.5519	2800
	75 1,2-Diphenylhydrazine	77	6.222	6.222	(0.900)	942904	40.4398	2700
$	18 2,4,6-Tribromophenol (SUR)	330	6.269	6.269	(1.140)	230815	88.1276	5900
	50 4-Bromophenyl-phenylether	248	6.533	6.534	(0.945)	223027	41.4534	2800
	51 Hexachlorobenzene	284	6.563	6.563	(0.949)	249410	41.8929	2800
	112 Atrazine	200	6.769	6.769	(0.979)	175307	44.4210	3000
	14 Pentachlorophenol	266	6.775	6.775	(0.980)	288396	86.6225	5800
*	83 Phenanthrene-d10	188	6.916	6.910	(1.000)	799142	40.0000	
	115 n-Octadecane	57	6.986	6.986	(1.010)	463431	38.4626	2600
	52 Phenanthrene	178	6.933	6.933	(1.003)	964204	42.5649	2800
	53 Anthracene	178	6.980	6.981	(1.009)	903824	39.3766	2600
	54 Carbazole	167	7.175	7.175	(1.037)	778432	46.2912	3100
	55 Di-n-butylphthalate	149	7.610	7.610	(1.100)	919899	48.0666	3200
	56 Fluoranthene	202	8.063	8.063	(1.166)	849889	48.3713	3200
	58 Benzidine	184	8.251	8.263	(1.193)	48844	32.2938	2200(R)
	57 Pyrene	202	8.263	8.263	(0.875)	835881	38.8553	2600
$	78 Terphenyl-d14	244	8.492	8.492	(0.900)	537009	37.4912	2500
	59 Butylbenzylphthalate	149	9.022	9.022	(0.956)	298430	43.6086	2900
	124 Carbamazepine	193	9.027	9.057	(0.956)	2857	0.56439	38(a)
	61 Benzo(a)anthracene	228	9.427	9.427	(0.999)	605451	41.8787	2800
	60 3,3'-Dichlorobenzidine	252	9.457	9.457	(1.002)	143078	33.1073	2200
*	81 Chrysene-d12	240	9.439	9.433	(1.000)	530986	40.0000	
	62 Chrysene	228	9.457	9.457	(1.002)	580076	40.6017	2700
	63 bis(2-Ethylhexyl)phthalate	149	9.627	9.622	(1.020)	391366	45.5193	3000
	64 Di-n-octylphthalate	149	10.221	10.216	(0.951)	528390	41.5908	2800
	65 Benzo(b)fluoranthene	252	10.404	10.398	(0.968)	477456	42.2737	2800(M)
	66 Benzo(k)fluoranthene	252	10.427	10.421	(0.970)	532385	39.0556	2600
	67 Benzo(a)pyrene	252	10.692	10.686	(0.995)	411203	41.8860	2800
*	84 Perylene-d12	264	10.751	10.745	(1.000)	409177	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	11.821	11.816	(1.100)	383454	44.3155	3000
	69 Dibenz(a,h)anthracene	278	11.863	11.857	(1.103)	389456	44.6995	3000
	70 Benzo(g,h,i)perylene	276	12.080	12.074	(1.124)	411557	41.3916	2800

QC Flag Legend

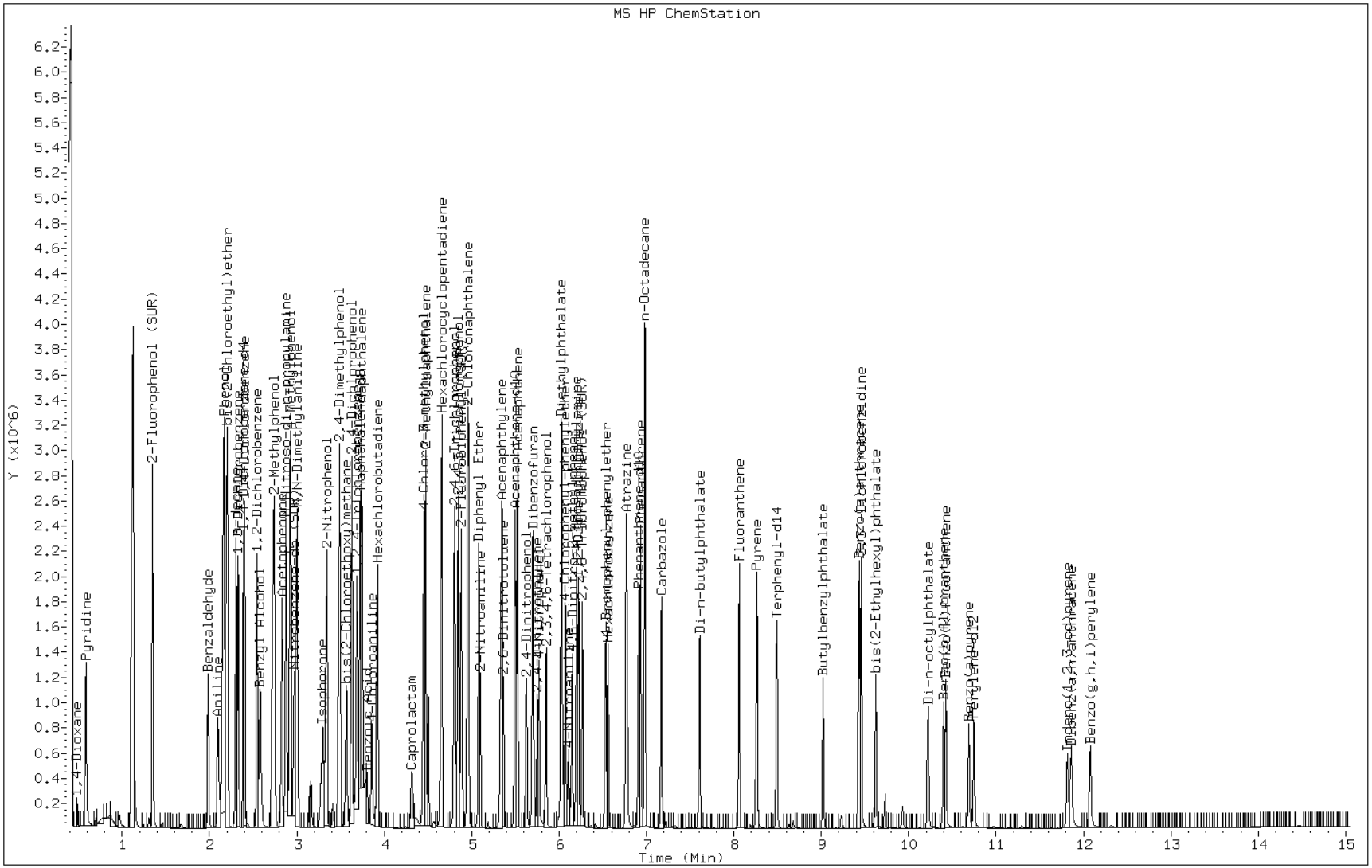
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: z15580.d

Date: 31-MAR-2011 03:31

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-69007/2-A Operator: BNAMS 4



Manual Integration Report

Data File: z15580.d
Inj. Date and Time: 31-MAR-2011 03:31
Instrument ID: BNAMS11.i
Client ID:
Compound: 65 Benzo(b)fluoranthene
CAS #: 205-99-2
Report Date: 03/31/2011

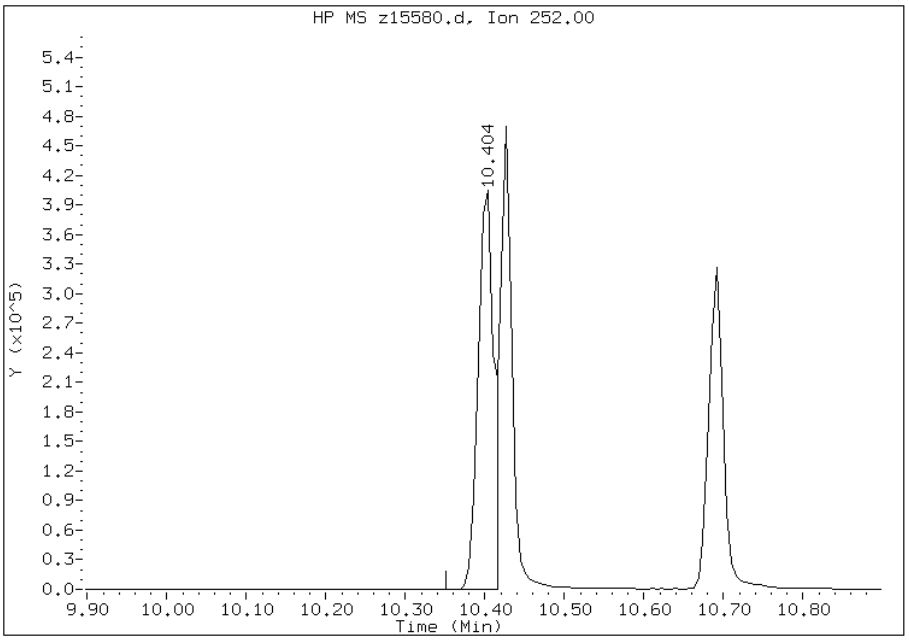
Processing Integration Results

RT: 10.40

Response: 562022

Amount: 50

Conc: 3317



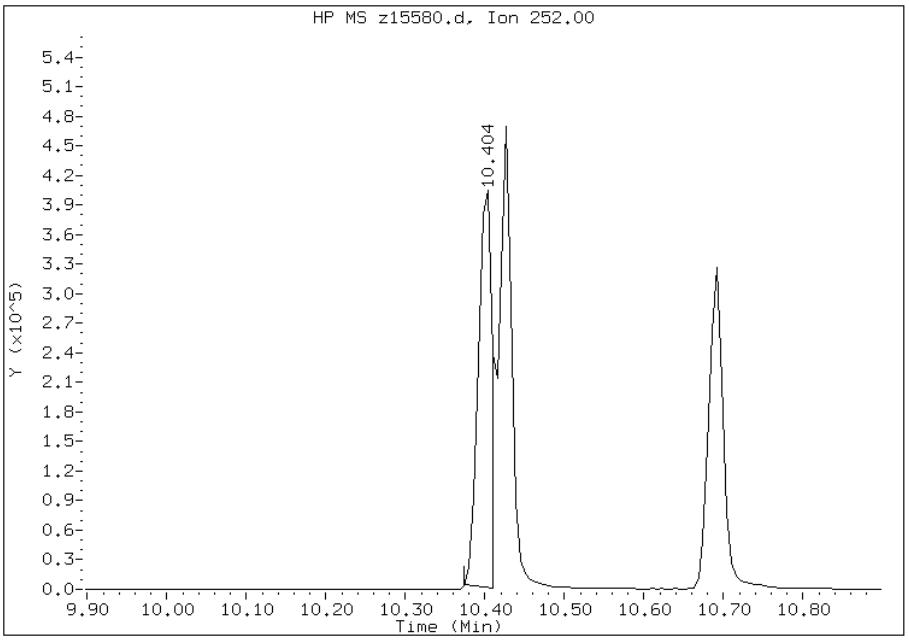
Manual Integration Results

RT: 10.40

Response: 477456

Amount: 42

Conc: 2818



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) MS | Lab Sample ID: 460-24277-7 MS

Matrix: Solid | Lab File ID: u66382.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:30

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 12:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5970		340	42
95-57-8	2-Chlorophenol	6080		340	46
95-48-7	2-Methylphenol	6010		340	49
106-44-5	4-Methylphenol	6400		340	56
100-52-7	Benzaldehyde	6300		340	22
98-86-2	Acetophenone	3110		340	51
111-44-4	Bis(2-chloroethyl)ether	3640		34	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	3010		340	45
621-64-7	N-Nitrosodi-n-propylamine	3430		34	4.5
98-95-3	Nitrobenzene	2740		34	7.7
67-72-1	Hexachloroethane	2410		34	5.8
78-59-1	Isophorone	3100		340	40
88-75-5	2-Nitrophenol	5580		340	57
105-67-9	2,4-Dimethylphenol	5900		340	55
120-83-2	2,4-Dichlorophenol	6750		340	55
111-91-1	Bis(2-chloroethoxy)methane	3070		340	49
91-20-3	Naphthalene	2790		340	50
106-47-8	4-Chloroaniline	1860		340	43
87-68-3	Hexachlorobutadiene	2780		70	14
105-60-2	Caprolactam	2690		340	47
59-50-7	4-Chloro-3-methylphenol	6240		340	58
91-57-6	2-Methylnaphthalene	3000		340	50
118-74-1	Hexachlorobenzene	2990		34	4.8
77-47-4	Hexachlorocyclopentadiene	1740		340	100
88-06-2	2,4,6-Trichlorophenol	6390		340	62
95-95-4	2,4,5-Trichlorophenol	6310		340	66
92-52-4	Diphenyl	3220		340	57
91-58-7	2-Chloronaphthalene	3050		340	49
88-74-4	2-Nitroaniline	3450		700	94
606-20-2	2,6-Dinitrotoluene	3570		70	8.7
131-11-3	Dimethyl phthalate	3390		340	46
208-96-8	Acenaphthylene	2880		340	49
99-09-2	3-Nitroaniline	2320		700	78
83-32-9	Acenaphthene	3070		340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) MS | Lab Sample ID: 460-24277-7 MS

Matrix: Solid | Lab File ID: u66382.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:30

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.02(g) | Date Analyzed: 03/30/2011 12:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5570		1000	88
51-28-5	2,4-Dinitrophenol	1560		1000	73
132-64-9	Dibenzofuran	2900		340	52
84-66-2	Diethyl phthalate	3220		340	46
86-73-7	Fluorene	2890		340	58
206-44-0	Fluoranthene	2830		340	57
84-74-2	Di-n-butyl phthalate	3190		340	53
121-14-2	2,4-Dinitrotoluene	3530		70	10
7005-72-3	4-Chlorophenyl phenyl ether	3450		340	59
100-01-6	4-Nitroaniline	3180		700	71
534-52-1	4,6-Dinitro-2-methylphenol	2630		1000	160
101-55-3	4-Bromophenyl phenyl ether	3290		340	61
1912-24-9	Atrazine	2810		340	64
120-12-7	Anthracene	3180		340	61
86-74-8	Carbazole	3020		340	55
85-01-8	Phenanthrene	2940		340	60
87-86-5	Pentachlorophenol	2670		1000	170
129-00-0	Pyrene	4050		340	59
218-01-9	Chrysene	3490		340	50
207-08-9	Benzo[k]fluoranthene	3370		34	4.8
191-24-2	Benzo[g,h,i]perylene	4200		340	36
205-99-2	Benzo[b]fluoranthene	3280		34	5.1
50-32-8	Benzo[a]pyrene	3210		34	4.2
56-55-3	Benzo[a]anthracene	3250		34	6.4
86-30-6	N-Nitrosodiphenylamine	2960		340	56
85-68-7	Butyl benzyl phthalate	4120		340	40
117-81-7	Bis(2-ethylhexyl) phthalate	4020		340	46
117-84-0	Di-n-octyl phthalate	3690		340	41
193-39-5	Indeno[1,2,3-cd]pyrene	4140		34	5.5
53-70-3	Dibenz(a,h)anthracene	3880		34	4.1
91-94-1	3,3'-Dichlorobenzidine	2630		700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	2910		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	2700		340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) MS Lab Sample ID: 460-24277-7 MS

Matrix: Solid Lab File ID: u66382.d

Analysis Method: 8270C Date Collected: 03/17/2011 14:30

Extract. Method: 3541 Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.02(g) Date Analyzed: 03/30/2011 12:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		38-105
4165-62-2	Phenol-d5	90		41-118
1718-51-0	Terphenyl-d14	115		16-151
118-79-6	2,4,6-Tribromophenol	91		10-120
367-12-4	2-Fluorophenol	88		37-125
321-60-8	2-Fluorobiphenyl	77		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) MS | Lab Sample ID: 460-24277-12 MS

Matrix: Solid | Lab File ID: p10120.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:05

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.99(g) | Date Analyzed: 03/30/2011 09:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	6420		360	45
95-57-8	2-Chlorophenol	6620		360	49
95-48-7	2-Methylphenol	6880		360	53
106-44-5	4-Methylphenol	7380		360	60
100-52-7	Benzaldehyde	4460		360	23
98-86-2	Acetophenone	3730		360	54
111-44-4	Bis(2-chloroethyl)ether	3390		36	7.6
108-60-1	2,2'-oxybis[1-chloropropane]	3340		360	48
621-64-7	N-Nitrosodi-n-propylamine	4270		36	4.8
98-95-3	Nitrobenzene	3300		36	8.2
67-72-1	Hexachloroethane	3010		36	6.2
78-59-1	Isophorone	4010		360	42
88-75-5	2-Nitrophenol	6920		360	60
105-67-9	2,4-Dimethylphenol	6910		360	59
120-83-2	2,4-Dichlorophenol	6720		360	59
111-91-1	Bis(2-chloroethoxy)methane	3600		360	52
91-20-3	Naphthalene	3210		360	53
106-47-8	4-Chloroaniline	2320		360	46
87-68-3	Hexachlorobutadiene	2950		74	15
105-60-2	Caprolactam	17200		360	50
59-50-7	4-Chloro-3-methylphenol	7170		360	61
91-57-6	2-Methylnaphthalene	3140		360	53
118-74-1	Hexachlorobenzene	2930		36	5.1
77-47-4	Hexachlorocyclopentadiene	3010		360	110
88-06-2	2,4,6-Trichlorophenol	7150		360	65
95-95-4	2,4,5-Trichlorophenol	8470		360	70
92-52-4	Diphenyl	4050		360	60
91-58-7	2-Chloronaphthalene	3760		360	52
88-74-4	2-Nitroaniline	5030		740	100
606-20-2	2,6-Dinitrotoluene	3730		74	9.3
131-11-3	Dimethyl phthalate	4420		360	49
208-96-8	Acenaphthylene	4030		360	52
99-09-2	3-Nitroaniline	4180		740	83
83-32-9	Acenaphthene	4670		360	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) MS | Lab Sample ID: 460-24277-12 MS

Matrix: Solid | Lab File ID: p10120.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:05

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.99(g) | Date Analyzed: 03/30/2011 09:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	8450		1100	94
51-28-5	2,4-Dinitrophenol	7210		1100	78
132-64-9	Dibenzofuran	3940		360	55
84-66-2	Diethyl phthalate	4520		360	49
86-73-7	Fluorene	3980		360	62
206-44-0	Fluoranthene	3320		360	61
84-74-2	Di-n-butyl phthalate	3520		360	56
121-14-2	2,4-Dinitrotoluene	4350		74	11
7005-72-3	4-Chlorophenyl phenyl ether	4080		360	63
100-01-6	4-Nitroaniline	4800		740	75
534-52-1	4,6-Dinitro-2-methylphenol	6720		1100	170
101-55-3	4-Bromophenyl phenyl ether	2800		360	65
1912-24-9	Atrazine	2920		360	68
120-12-7	Anthracene	3080		360	65
86-74-8	Carbazole	3190		360	58
85-01-8	Phenanthrene	3100		360	64
87-86-5	Pentachlorophenol	5090		1100	180
129-00-0	Pyrene	3310		360	63
218-01-9	Chrysene	3370		360	53
207-08-9	Benzo[k]fluoranthene	3050		36	5.1
191-24-2	Benzo[g,h,i]perylene	3230		360	39
205-99-2	Benzo[b]fluoranthene	3160		36	5.4
50-32-8	Benzo[a]pyrene	3010		36	4.5
56-55-3	Benzo[a]anthracene	3120		36	6.8
86-30-6	N-Nitrosodiphenylamine	4540		360	60
85-68-7	Butyl benzyl phthalate	3590		360	43
117-81-7	Bis(2-ethylhexyl) phthalate	3600		360	49
117-84-0	Di-n-octyl phthalate	3480		360	43
193-39-5	Indeno[1,2,3-cd]pyrene	3720		36	5.8
53-70-3	Dibenz(a,h)anthracene	3340		36	4.4
91-94-1	3,3'-Dichlorobenzidine	2650		740	81
95-94-3	1,2,4,5-Tetrachlorobenzene	4100		360	49
58-90-2	2,3,4,6-Tetrachlorophenol	3610		360	73

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) MS Lab Sample ID: 460-24277-12 MS

Matrix: Solid Lab File ID: p10120.d

Analysis Method: 8270C Date Collected: 03/17/2011 16:05

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.99(g) Date Analyzed: 03/30/2011 09:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	96		38-105
4165-62-2	Phenol-d5	88		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	100		10-120
367-12-4	2-Fluorophenol	88		37-125
321-60-8	2-Fluorobiphenyl	95		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24279-F-1-B MS

Matrix: Solid | Lab File ID: z15589.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5410		350	43
95-57-8	2-Chlorophenol	5100		350	47
95-48-7	2-Methylphenol	5510		350	50
106-44-5	4-Methylphenol	5480		350	57
100-52-7	Benzaldehyde	3070		350	22
98-86-2	Acetophenone	2910		350	52
111-44-4	Bis(2-chloroethyl)ether	2810		35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	2850		350	46
621-64-7	N-Nitrosodi-n-propylamine	3120		35	4.6
98-95-3	Nitrobenzene	2630		35	7.8
67-72-1	Hexachloroethane	2590		35	5.9
78-59-1	Isophorone	2950		350	40
88-75-5	2-Nitrophenol	5590		350	58
105-67-9	2,4-Dimethylphenol	5490		350	56
120-83-2	2,4-Dichlorophenol	5510		350	56
111-91-1	Bis(2-chloroethoxy)methane	2950		350	50
91-20-3	Naphthalene	2700		350	51
106-47-8	4-Chloroaniline	2150		350	44
87-68-3	Hexachlorobutadiene	2720		71	14
105-60-2	Caprolactam	2920		350	48
59-50-7	4-Chloro-3-methylphenol	5800		350	59
91-57-6	2-Methylnaphthalene	4700		350	51
118-74-1	Hexachlorobenzene	2970		35	4.9
77-47-4	Hexachlorocyclopentadiene	2640		350	100
88-06-2	2,4,6-Trichlorophenol	5430		350	63
95-95-4	2,4,5-Trichlorophenol	5710		350	67
92-52-4	Diphenyl	2820		350	58
91-58-7	2-Chloronaphthalene	2760		350	49
88-74-4	2-Nitroaniline	2910		710	96
606-20-2	2,6-Dinitrotoluene	3460		71	8.9
131-11-3	Dimethyl phthalate	3070		350	47
208-96-8	Acenaphthylene	2750		350	50
99-09-2	3-Nitroaniline	2520		710	79
83-32-9	Acenaphthene	2850		350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24279-F-1-B MS

Matrix: Solid | Lab File ID: z15589.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	3900		1100	90
51-28-5	2,4-Dinitrophenol	6050		1100	74
132-64-9	Dibenzofuran	2890		350	53
84-66-2	Diethyl phthalate	3160		350	47
86-73-7	Fluorene	2930		350	59
206-44-0	Fluoranthene	3320		350	58
84-74-2	Di-n-butyl phthalate	3310		350	54
121-14-2	2,4-Dinitrotoluene	3450		71	10
7005-72-3	4-Chlorophenyl phenyl ether	3030		350	60
100-01-6	4-Nitroaniline	3770		710	72
534-52-1	4,6-Dinitro-2-methylphenol	5960		1100	170
101-55-3	4-Bromophenyl phenyl ether	2930		350	62
1912-24-9	Atrazine	2950		350	65
120-12-7	Anthracene	2700		350	62
86-74-8	Carbazole	3160		350	56
85-01-8	Phenanthrene	2920		350	61
87-86-5	Pentachlorophenol	5390		1100	170
129-00-0	Pyrene	2660		350	61
218-01-9	Chrysene	2830		350	51
207-08-9	Benzo[k]fluoranthene	2930		35	4.9
191-24-2	Benzo[g,h,i]perylene	2920		350	37
205-99-2	Benzo[b]fluoranthene	3240		35	5.2
50-32-8	Benzo[a]pyrene	2930		35	4.3
56-55-3	Benzo[a]anthracene	2860		35	6.5
86-30-6	N-Nitrosodiphenylamine	2990		350	57
85-68-7	Butyl benzyl phthalate	3050		350	41
117-81-7	Bis(2-ethylhexyl) phthalate	3210		350	46
117-84-0	Di-n-octyl phthalate	2980		350	42
193-39-5	Indeno[1,2,3-cd]pyrene	3010		35	5.6
53-70-3	Dibenz(a,h)anthracene	3080		35	4.2
91-94-1	3,3'-Dichlorobenzidine	2300		710	77
95-94-3	1,2,4,5-Tetrachlorobenzene	2770		350	47
58-90-2	2,3,4,6-Tetrachlorophenol	3210		350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24279-F-1-B MS

Matrix: Solid | Lab File ID: z15589.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 06:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		38-105
4165-62-2	Phenol-d5	72		41-118
1718-51-0	Terphenyl-d14	76		16-151
118-79-6	2,4,6-Tribromophenol	88		10-120
367-12-4	2-Fluorophenol	68		37-125
321-60-8	2-Fluorobiphenyl	73		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) MSD | Lab Sample ID: 460-24277-7 MSD

Matrix: Solid | Lab File ID: u66383.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:30

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.04(g) | Date Analyzed: 03/30/2011 12:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5550		340	42
95-57-8	2-Chlorophenol	5750		340	46
95-48-7	2-Methylphenol	5750		340	49
106-44-5	4-Methylphenol	5950		340	56
100-52-7	Benzaldehyde	6030		340	21
98-86-2	Acetophenone	2920		340	51
111-44-4	Bis(2-chloroethyl)ether	3690		34	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	2760		340	45
621-64-7	N-Nitrosodi-n-propylamine	3270		34	4.5
98-95-3	Nitrobenzene	2640		34	7.7
67-72-1	Hexachloroethane	2380		34	5.8
78-59-1	Isophorone	3060		340	39
88-75-5	2-Nitrophenol	5500		340	56
105-67-9	2,4-Dimethylphenol	6330		340	55
120-83-2	2,4-Dichlorophenol	5790		340	55
111-91-1	Bis(2-chloroethoxy)methane	3080		340	49
91-20-3	Naphthalene	2810		340	50
106-47-8	4-Chloroaniline	1950		340	43
87-68-3	Hexachlorobutadiene	2770		70	14
105-60-2	Caprolactam	2830		340	47
59-50-7	4-Chloro-3-methylphenol	6010		340	58
91-57-6	2-Methylnaphthalene	3060		340	50
118-74-1	Hexachlorobenzene	2870		34	4.8
77-47-4	Hexachlorocyclopentadiene	1770		340	100
88-06-2	2,4,6-Trichlorophenol	6060		340	61
95-95-4	2,4,5-Trichlorophenol	5990		340	66
92-52-4	Diphenyl	2980		340	57
91-58-7	2-Chloronaphthalene	3000		340	48
88-74-4	2-Nitroaniline	3380		700	94
606-20-2	2,6-Dinitrotoluene	3540		70	8.7
131-11-3	Dimethyl phthalate	3240		340	46
208-96-8	Acenaphthylene	2850		340	49
99-09-2	3-Nitroaniline	2340		700	78
83-32-9	Acenaphthene	2960		340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) MSD | Lab Sample ID: 460-24277-7 MSD

Matrix: Solid | Lab File ID: u66383.d

Analysis Method: 8270C | Date Collected: 03/17/2011 14:30

Extract. Method: 3541 | Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.04(g) | Date Analyzed: 03/30/2011 12:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5160		1000	88
51-28-5	2,4-Dinitrophenol	1170		1000	73
132-64-9	Dibenzofuran	2730		340	52
84-66-2	Diethyl phthalate	3240		340	46
86-73-7	Fluorene	3040		340	58
206-44-0	Fluoranthene	2540		340	57
84-74-2	Di-n-butyl phthalate	2870		340	53
121-14-2	2,4-Dinitrotoluene	3120		70	10
7005-72-3	4-Chlorophenyl phenyl ether	3370		340	59
100-01-6	4-Nitroaniline	3100		700	71
534-52-1	4,6-Dinitro-2-methylphenol	2020		1000	160
101-55-3	4-Bromophenyl phenyl ether	2950		340	61
1912-24-9	Atrazine	2470		340	64
120-12-7	Anthracene	2760		340	61
86-74-8	Carbazole	2770		340	55
85-01-8	Phenanthrene	2950		340	60
87-86-5	Pentachlorophenol	2110		1000	170
129-00-0	Pyrene	3660		340	59
218-01-9	Chrysene	3340		340	50
207-08-9	Benzo[k]fluoranthene	3460		34	4.8
191-24-2	Benzo[g,h,i]perylene	4350		340	36
205-99-2	Benzo[b]fluoranthene	3160		34	5.1
50-32-8	Benzo[a]pyrene	3310		34	4.2
56-55-3	Benzo[a]anthracene	3150		34	6.4
86-30-6	N-Nitrosodiphenylamine	2820		340	56
85-68-7	Butyl benzyl phthalate	3910		340	40
117-81-7	Bis(2-ethylhexyl) phthalate	3750		340	46
117-84-0	Di-n-octyl phthalate	3630		340	41
193-39-5	Indeno[1,2,3-cd]pyrene	3880		34	5.5
53-70-3	Dibenz(a,h)anthracene	3910		34	4.1
91-94-1	3,3'-Dichlorobenzidine	2610		700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	3000		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	2590		340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) MSD Lab Sample ID: 460-24277-7 MSD

Matrix: Solid Lab File ID: u66383.d

Analysis Method: 8270C Date Collected: 03/17/2011 14:30

Extract. Method: 3541 Date Extracted: 03/28/2011 22:00

Sample wt/vol: 15.04(g) Date Analyzed: 03/30/2011 12:30

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 68940 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	107		16-151
118-79-6	2,4,6-Tribromophenol	86		10-120
367-12-4	2-Fluorophenol	79		37-125
321-60-8	2-Fluorobiphenyl	74		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) MSD | Lab Sample ID: 460-24277-12 MSD

Matrix: Solid | Lab File ID: p10121.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:05

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.97(g) | Date Analyzed: 03/30/2011 10:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	6690		370	45
95-57-8	2-Chlorophenol	6860		370	49
95-48-7	2-Methylphenol	7510		370	53
106-44-5	4-Methylphenol	7520		370	60
100-52-7	Benzaldehyde	3430		370	23
98-86-2	Acetophenone	3950		370	54
111-44-4	Bis(2-chloroethyl)ether	3640		37	7.6
108-60-1	2,2'-oxybis[1-chloropropane]	3400		370	48
621-64-7	N-Nitrosodi-n-propylamine	4120		37	4.8
98-95-3	Nitrobenzene	3410		37	8.2
67-72-1	Hexachloroethane	3030		37	6.2
78-59-1	Isophorone	4360		370	42
88-75-5	2-Nitrophenol	7140		370	60
105-67-9	2,4-Dimethylphenol	7260		370	59
120-83-2	2,4-Dichlorophenol	6990		370	59
111-91-1	Bis(2-chloroethoxy)methane	3720		370	52
91-20-3	Naphthalene	3310		370	54
106-47-8	4-Chloroaniline	2250		370	46
87-68-3	Hexachlorobutadiene	2960		74	15
105-60-2	Caprolactam	22300		370	50
59-50-7	4-Chloro-3-methylphenol	7250		370	61
91-57-6	2-Methylnaphthalene	3150		370	53
118-74-1	Hexachlorobenzene	3200		37	5.1
77-47-4	Hexachlorocyclopentadiene	3040		370	110
88-06-2	2,4,6-Trichlorophenol	7420		370	66
95-95-4	2,4,5-Trichlorophenol	7790		370	71
92-52-4	Diphenyl	4080		370	60
91-58-7	2-Chloronaphthalene	3680		370	52
88-74-4	2-Nitroaniline	4790		740	100
606-20-2	2,6-Dinitrotoluene	3550		74	9.3
131-11-3	Dimethyl phthalate	4260		370	49
208-96-8	Acenaphthylene	4050		370	52
99-09-2	3-Nitroaniline	4220		740	83
83-32-9	Acenaphthene	4610		370	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) MSD | Lab Sample ID: 460-24277-12 MSD

Matrix: Solid | Lab File ID: p10121.d

Analysis Method: 8270C | Date Collected: 03/17/2011 16:05

Extract. Method: 3541 | Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.97(g) | Date Analyzed: 03/30/2011 10:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	8250		1100	94
51-28-5	2,4-Dinitrophenol	7180		1100	78
132-64-9	Dibenzofuran	4070		370	55
84-66-2	Diethyl phthalate	4510		370	49
86-73-7	Fluorene	4010		370	62
206-44-0	Fluoranthene	3650		370	61
84-74-2	Di-n-butyl phthalate	3960		370	56
121-14-2	2,4-Dinitrotoluene	4220		74	11
7005-72-3	4-Chlorophenyl phenyl ether	4060		370	63
100-01-6	4-Nitroaniline	3960		740	76
534-52-1	4,6-Dinitro-2-methylphenol	7050		1100	180
101-55-3	4-Bromophenyl phenyl ether	3200		370	65
1912-24-9	Atrazine	3320		370	68
120-12-7	Anthracene	3270		370	65
86-74-8	Carbazole	3480		370	58
85-01-8	Phenanthrene	3440		370	64
87-86-5	Pentachlorophenol	5100		1100	180
129-00-0	Pyrene	3320		370	63
218-01-9	Chrysene	3310		370	53
207-08-9	Benzo[k]fluoranthene	3120		37	5.1
191-24-2	Benzo[g,h,i]perylene	3260		370	39
205-99-2	Benzo[b]fluoranthene	3210		37	5.4
50-32-8	Benzo[a]pyrene	3050		37	4.5
56-55-3	Benzo[a]anthracene	3120		37	6.8
86-30-6	N-Nitrosodiphenylamine	5280		370	60
85-68-7	Butyl benzyl phthalate	3640		370	43
117-81-7	Bis(2-ethylhexyl) phthalate	3620		370	49
117-84-0	Di-n-octyl phthalate	3340		370	43
193-39-5	Indeno[1,2,3-cd]pyrene	3730		37	5.9
53-70-3	Dibenz(a,h)anthracene	3360		37	4.4
91-94-1	3,3'-Dichlorobenzidine	2440		740	81
95-94-3	1,2,4,5-Tetrachlorobenzene	4190		370	49
58-90-2	2,3,4,6-Tetrachlorophenol	3660		370	73

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) MSD Lab Sample ID: 460-24277-12 MSD

Matrix: Solid Lab File ID: p10121.d

Analysis Method: 8270C Date Collected: 03/17/2011 16:05

Extract. Method: 3541 Date Extracted: 03/29/2011 22:23

Sample wt/vol: 14.97(g) Date Analyzed: 03/30/2011 10:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69222 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	104		38-105
4165-62-2	Phenol-d5	93		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	99		10-120
367-12-4	2-Fluorophenol	92		37-125
321-60-8	2-Fluorobiphenyl	97		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24279-F-1-C MSD

Matrix: Solid | Lab File ID: z15590.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.03(g) | Date Analyzed: 03/31/2011 07:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5560		350	43
95-57-8	2-Chlorophenol	5330		350	47
95-48-7	2-Methylphenol	5800		350	50
106-44-5	4-Methylphenol	5700		350	57
100-52-7	Benzaldehyde	3340		350	22
98-86-2	Acetophenone	3020		350	52
111-44-4	Bis(2-chloroethyl)ether	2790		35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	2970		350	46
621-64-7	N-Nitrosodi-n-propylamine	3260		35	4.6
98-95-3	Nitrobenzene	2730		35	7.8
67-72-1	Hexachloroethane	2700		35	5.9
78-59-1	Isophorone	3040		350	40
88-75-5	2-Nitrophenol	5840		350	57
105-67-9	2,4-Dimethylphenol	5720		350	56
120-83-2	2,4-Dichlorophenol	5690		350	56
111-91-1	Bis(2-chloroethoxy)methane	3050		350	50
91-20-3	Naphthalene	2800		350	51
106-47-8	4-Chloroaniline	2110		350	44
87-68-3	Hexachlorobutadiene	2860		71	14
105-60-2	Caprolactam	2940		350	48
59-50-7	4-Chloro-3-methylphenol	6020		350	59
91-57-6	2-Methylnaphthalene	4880		350	51
118-74-1	Hexachlorobenzene	3050		35	4.8
77-47-4	Hexachlorocyclopentadiene	2710		350	100
88-06-2	2,4,6-Trichlorophenol	5490		350	63
95-95-4	2,4,5-Trichlorophenol	6240		350	67
92-52-4	Diphenyl	2890		350	58
91-58-7	2-Chloronaphthalene	2870		350	49
88-74-4	2-Nitroaniline	3030		710	96
606-20-2	2,6-Dinitrotoluene	3580		71	8.9
131-11-3	Dimethyl phthalate	3120		350	47
208-96-8	Acenaphthylene	2810		350	50
99-09-2	3-Nitroaniline	2460		710	79
83-32-9	Acenaphthene	2950		350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24279-F-1-C MSD

Matrix: Solid | Lab File ID: z15590.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.03(g) | Date Analyzed: 03/31/2011 07:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4290		1100	90
51-28-5	2,4-Dinitrophenol	6090		1100	74
132-64-9	Dibenzofuran	2960		350	53
84-66-2	Diethyl phthalate	3260		350	47
86-73-7	Fluorene	3020		350	59
206-44-0	Fluoranthene	3430		350	58
84-74-2	Di-n-butyl phthalate	3470		350	53
121-14-2	2,4-Dinitrotoluene	3530		71	10
7005-72-3	4-Chlorophenyl phenyl ether	3130		350	60
100-01-6	4-Nitroaniline	3900		710	72
534-52-1	4,6-Dinitro-2-methylphenol	6010		1100	170
101-55-3	4-Bromophenyl phenyl ether	3010		350	62
1912-24-9	Atrazine	3140		350	65
120-12-7	Anthracene	2790		350	62
86-74-8	Carbazole	3280		350	56
85-01-8	Phenanthrene	3010		350	61
87-86-5	Pentachlorophenol	5450		1100	170
129-00-0	Pyrene	2710		350	60
218-01-9	Chrysene	2970		350	51
207-08-9	Benzo[k]fluoranthene	3070		35	4.9
191-24-2	Benzo[g,h,i]perylene	2990		350	37
205-99-2	Benzo[b]fluoranthene	3190		35	5.2
50-32-8	Benzo[a]pyrene	3020		35	4.3
56-55-3	Benzo[a]anthracene	2980		35	6.5
86-30-6	N-Nitrosodiphenylamine	3040		350	57
85-68-7	Butyl benzyl phthalate	3160		350	41
117-81-7	Bis(2-ethylhexyl) phthalate	3350		350	46
117-84-0	Di-n-octyl phthalate	3070		350	42
193-39-5	Indeno[1,2,3-cd]pyrene	3170		35	5.6
53-70-3	Dibenz(a,h)anthracene	3130		35	4.2
91-94-1	3,3'-Dichlorobenzidine	2470		710	77
95-94-3	1,2,4,5-Tetrachlorobenzene	2810		350	47
58-90-2	2,3,4,6-Tetrachlorophenol	3280		350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24279-F-1-C MSD

Matrix: Solid | Lab File ID: z15590.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 22:53

Sample wt/vol: 15.03(g) | Date Analyzed: 03/31/2011 07:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69101 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		38-105
4165-62-2	Phenol-d5	74		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	91		10-120
367-12-4	2-Fluorophenol	70		37-125
321-60-8	2-Fluorobiphenyl	75		40-109

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 02/26/2011 13:04

Analysis Batch Number: 65875 End Date: 02/26/2011 15:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-65875/1		02/26/2011 13:04	1	p9564.d	Rtx-5MS 0.25(mm)
ICIS 460-65875/2		02/26/2011 13:23	1	p9565.d	Rtx-5MS 0.25(mm)
IC 460-65875/3		02/26/2011 14:06	1	p9566.d	Rtx-5MS 0.25(mm)
IC 460-65875/4		02/26/2011 14:34	1	p9567.d	Rtx-5MS 0.25(mm)
IC 460-65875/5		02/26/2011 15:01	1	p9568.d	Rtx-5MS 0.25(mm)
IC 460-65875/7		02/26/2011 15:29	1	p9569.d	Rtx-5MS 0.25(mm)
IC 460-65875/6		02/26/2011 15:56	1	p9570.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 03/30/2011 00:08

Analysis Batch Number: 69222 End Date: 03/30/2011 11:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69222/1		03/30/2011 00:08	1	p10099.d	Rtx-5MS 0.25(mm)
CCVIS 460-69222/2		03/30/2011 00:35	1	p10100.d	Rtx-5MS 0.25(mm)
LCS 460-68871/2-A		03/30/2011 01:09	1	p10101.d	Rtx-5MS 0.25(mm)
MB 460-68871/1-A		03/30/2011 01:36	1	p10102.d	Rtx-5MS 0.25(mm)
460-24277-13	PMP-13-SI-E (15.5-16)	03/30/2011 02:03	1	p10103.d	Rtx-5MS 0.25(mm)
460-24277-14	PMP-13-SD-E (23.5-24)	03/30/2011 02:29	1	p10104.d	Rtx-5MS 0.25(mm)
460-24277-15	PMP-16-VD-E (3.5-4.0)	03/30/2011 02:56	1	p10105.d	Rtx-5MS 0.25(mm)
460-24277-18	PMP-15VD-E (3.5-4)	03/30/2011 03:23	1	p10106.d	Rtx-5MS 0.25(mm)
460-24277-20	PMP-15-SI-E (15.5-16)	03/30/2011 03:50	1	p10107.d	Rtx-5MS 0.25(mm)
460-24277-21	PMP-15-SD-E (23.5-24.0)	03/30/2011 04:17	1	p10108.d	Rtx-5MS 0.25(mm)
460-24277-25	PMP-28-SI2-E (15-17)	03/30/2011 04:44	1	p10109.d	Rtx-5MS 0.25(mm)
460-24277-26	PMP-17-VD-E (3.5-4)	03/30/2011 05:11	1	p10110.d	Rtx-5MS 0.25(mm)
460-24277-28	PMP-17-SI-E (10.5-11.0)	03/30/2011 05:38	1	p10111.d	Rtx-5MS 0.25(mm)
460-24277-29	PMP-18-VD-E (3.5-4)	03/30/2011 06:04	1	p10112.d	Rtx-5MS 0.25(mm)
460-24277-17	PMP-16-SI-E (10.5-11.0)	03/30/2011 06:58	1	p10114.d	Rtx-5MS 0.25(mm)
460-24277-22	PMP-28-VD-E (3-5)	03/30/2011 07:25	1	p10115.d	Rtx-5MS 0.25(mm)
460-24277-24	PMP-28-SI1-E (11-13)	03/30/2011 07:52	1	p10116.d	Rtx-5MS 0.25(mm)
460-24277-27	PMP-17-WT-E (8-8.5)	03/30/2011 08:19	1	p10117.d	Rtx-5MS 0.25(mm)
460-24277-30	PMP-18-WT-E (8-8.5)	03/30/2011 08:46	1	p10118.d	Rtx-5MS 0.25(mm)
460-24277-12	PMP-13-WT-E (7.5-8.0)	03/30/2011 09:13	1	p10119.d	Rtx-5MS 0.25(mm)
460-24277-12 MS	PMP-13-WT-E (7.5-8.0) MS	03/30/2011 09:40	1	p10120.d	Rtx-5MS 0.25(mm)
460-24277-12 MSD	PMP-13-WT-E (7.5-8.0) MSD	03/30/2011 10:07	1	p10121.d	Rtx-5MS 0.25(mm)
460-24277-23	PMP-28-WT-E (8-8.5)	03/30/2011 10:34	2	p10122.d	Rtx-5MS 0.25(mm)
460-24277-19	PMP-15-WT-E (7.5-8)	03/30/2011 11:01	5	p10123.d	Rtx-5MS 0.25(mm)
460-24277-16	PMP-16-WT-E (8.0-8.5)	03/30/2011 11:55	5	p10125.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/21/2011 10:59

Analysis Batch Number: 68049 End Date: 03/21/2011 13:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-68049/1		03/21/2011 10:59	1	z15276.d	Rtx-5MS 0.25(mm)
ICIS 460-68049/2		03/21/2011 11:14	1	z15277.d	Rtx-5MS 0.25(mm)
IC 460-68049/3		03/21/2011 11:46	1	z15278.d	Rtx-5MS 0.25(mm)
IC 460-68049/4		03/21/2011 12:07	1	z15279.d	Rtx-5MS 0.25(mm)
IC 460-68049/5		03/21/2011 12:29	1	z15280.d	Rtx-5MS 0.25(mm)
IC 460-68049/6		03/21/2011 12:51	1	z15281.d	Rtx-5MS 0.25(mm)
IC 460-68049/7		03/21/2011 13:13	1	z15282.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/31/2011 02:30

Analysis Batch Number: 69101 End Date: 03/31/2011 13:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69101/1		03/31/2011 02:30	1	z15577.d	Rtx-5MS 0.25(mm)
CCVIS 460-69101/2		03/31/2011 02:39	1	z15578.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 03:10	1		Rtx-5MS 0.25(mm)
LCS 460-69007/2-A		03/31/2011 03:31	1	z15580.d	Rtx-5MS 0.25(mm)
MB 460-69007/1-A		03/31/2011 03:53	1	z15581.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 04:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 04:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 04:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 05:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 05:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 06:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 06:25	1		Rtx-5MS 0.25(mm)
460-24279-F-1-B MS		03/31/2011 06:46	1	z15589.d	Rtx-5MS 0.25(mm)
460-24279-F-1-C MSD		03/31/2011 07:08	1	z15590.d	Rtx-5MS 0.25(mm)
460-24277-1	PMP-9-VD-E (3.5-4.0)	03/31/2011 07:30	1	z15591.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 07:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 08:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 09:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 09:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 10:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 10:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 10:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 11:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 11:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 11:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 12:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 12:33	5		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 12:55	10		Rtx-5MS 0.25(mm)
ZZZZZ		03/31/2011 13:16	2		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 04/01/2011 15:08

Analysis Batch Number: 69325 End Date: 04/02/2011 00:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69325/1		04/01/2011 15:08	1	z15640.d	Rtx-5MS 0.25(mm)
CCVIS 460-69325/2		04/01/2011 15:52	1	z15641.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 16:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 16:52	1		Rtx-5MS 0.25(mm)
460-24277-31	PMP-18-SI-E (10.5-11)	04/01/2011 17:13	1	z15644.d	Rtx-5MS 0.25(mm)
460-24277-6	DUP-031711 (10.5-11)	04/01/2011 17:35	1	z15645.d	Rtx-5MS 0.25(mm)
460-24277-3	PMP-9-SIE (10.5-11)	04/01/2011 18:19	1	z15647.d	Rtx-5MS 0.25(mm)
460-24277-4	DUP-031711 (3.5-4)	04/01/2011 18:41	1	z15648.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 19:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 19:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 20:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 20:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 22:43	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:05	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:26	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:48	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 00:32	5		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 03/18/2011 04:57

Analysis Batch Number: 67964 End Date: 03/18/2011 07:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-67964/1		03/18/2011 04:57	1	u66239.d	Rtx-5MS 0.25(mm)
ICIS 460-67964/2		03/18/2011 05:47	1	u66240.d	Rtx-5MS 0.25(mm)
IC 460-67964/3		03/18/2011 06:17	1	u66241.d	Rtx-5MS 0.25(mm)
IC 460-67964/4		03/18/2011 06:37	1	u66242.d	Rtx-5MS 0.25(mm)
IC 460-67964/5		03/18/2011 06:57	1	u66243.d	Rtx-5MS 0.25(mm)
IC 460-67964/6		03/18/2011 07:16	1	u66244.d	Rtx-5MS 0.25(mm)
IC 460-67964/7		03/18/2011 07:36	1	u66245.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 03/30/2011 03:28

Analysis Batch Number: 68940 End Date: 03/30/2011 13:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-68940/1		03/30/2011 03:28	1	u66357.d	Rtx-5MS 0.25(mm)
CCVIS 460-68940/2		03/30/2011 04:01	1	u66358.d	Rtx-5MS 0.25(mm)
LCS 460-68798/2-A		03/30/2011 04:24	1	u66359.d	Rtx-5MS 0.25(mm)
MB 460-68798/1-A		03/30/2011 05:27	1	u66362.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 06:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 06:45	1		Rtx-5MS 0.25(mm)
460-24277-9	PMP-10-ST1-E (15-15.5)	03/30/2011 07:05	1	u66367.d	Rtx-5MS 0.25(mm)
460-24277-10	PMP-10-ST2-E (23.5-24)	03/30/2011 07:25	1	u66368.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 07:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 08:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 08:24	1		Rtx-5MS 0.25(mm)
460-24277-11	PMP-13-VD-E (3.5-4)	03/30/2011 09:13	1	u66373.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 09:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 09:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 10:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 10:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 10:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 11:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 11:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 11:50	1		Rtx-5MS 0.25(mm)
460-24277-7 MS	PMP-10-VD-E (3.5-4.0) MS	03/30/2011 12:10	1	u66382.d	Rtx-5MS 0.25(mm)
460-24277-7 MSD	PMP-10-VD-E (3.5-4.0) MSD	03/30/2011 12:30	1	u66383.d	Rtx-5MS 0.25(mm)
460-24277-7	PMP-10-VD-E (3.5-4.0)	03/30/2011 12:49	1	u66384.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 13:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/30/2011 13:28	1		Rtx-5MS 0.25(mm)
460-24277-8	PMP-10-WT-E (7.5-8.0)	03/30/2011 13:48	2	u66387.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 04/02/2011 11:05

Analysis Batch Number: 69345 End Date: 04/02/2011 13:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69345/1		04/02/2011 11:05	1	u66406.d	Rtx-5MS 0.25(mm)
ICIS 460-69345/2		04/02/2011 11:25	1	u66407.d	Rtx-5MS 0.25(mm)
IC 460-69345/3		04/02/2011 11:46	1	u66408.d	Rtx-5MS 0.25(mm)
IC 460-69345/4		04/02/2011 12:07	1	u66409.d	Rtx-5MS 0.25(mm)
IC 460-69345/5		04/02/2011 12:29	1	u66410.d	Rtx-5MS 0.25(mm)
IC 460-69345/6		04/02/2011 12:50	1	u66411.d	Rtx-5MS 0.25(mm)
IC 460-69345/7		04/02/2011 13:11	1	u66412.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 04/03/2011 19:02

Analysis Batch Number: 69541 End Date: 04/04/2011 06:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69541/1		04/03/2011 19:02	1	u66440.d	Rtx-5MS 0.25(mm)
CCVIS 460-69541/2		04/03/2011 19:45	1	u66441.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 20:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 21:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 21:35	1		Rtx-5MS 0.25(mm)
460-24277-5	DUP-031711 (8-8.5)	04/03/2011 21:56	10	u66447.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 22:18	1		Rtx-5MS 0.25(mm)
460-24277-2	PMP-9-WT-E (8-8.5)	04/03/2011 22:39	5	u66449.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 23:00	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 00:24	100		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 01:27	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 01:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 03:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 03:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 03:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 04:16	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 04:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 04:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 05:19	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 06:23	5		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68798 Batch Start Date: 03/28/11 22:00 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_Acid_SU 00013	OP_BN_SU 00015	OP8270SP 00018
MB 460-68798/1		3541, 8270C		15.00 g	1 mL	73	500 uL	500 uL	
LCS 460-68798/2		3541, 8270C		15.03 g	1 mL	74	500 uL	500 uL	500 uL
460-24277-F-7 MS	PMP-10-VD-E (3.5-4.0)	3541, 8270C	T	15.02 g	1 mL	75	500 uL	500 uL	500 uL
460-24277-F-7 MSD	PMP-10-VD-E (3.5-4.0)	3541, 8270C	T	15.04 g	1 mL	76	500 uL	500 uL	500 uL
460-24277-F-7	PMP-10-VD-E (3.5-4.0)	3541, 8270C	T	15.04 g	1 mL	92	500 uL	500 uL	
460-24277-F-8	PMP-10-WT-E (7.5-8.0)	3541, 8270C	T	15.00 g	1 mL	93	500 uL	500 uL	
460-24277-F-9	PMP-10-ST1-E (15-15.5)	3541, 8270C	T	15.02 g	1 mL	94	500 uL	500 uL	
460-24277-F-10	PMP-10-ST2-E (23.5-24)	3541, 8270C	T	14.98 g	1 mL	95	500 uL	500 uL	
460-24277-F-11	PMP-13-VD-E (3.5-4)	3541, 8270C	T	15.01 g	1 mL	96	500 uL	500 uL	

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Blank Soil Lot Number	J41625
Person's name who did the concentration	CM
Vendor lot number	J42E01
Na2SO4 Lot Number	J41625
Person's name who did the prep	CM
Person's name who witnessed reagent drop	JR
Solvent	MeCl2/Acetone mixture
SOP Number	3541
First Start time	10pm

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68871 Batch Start Date: 03/29/11 22:23 Batch Analyst: Huertas, Jaime

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Acid_SU 00013	OP_BN_SU 00016	OP8270SP 00018	
MB 460-68871/1		3541, 8270C		15.02 g	1 mL	500 uL	500 uL		
LCS 460-68871/2		3541, 8270C		14.96 g	1 mL	500 uL	500 uL	500 uL	
460-24277-F-12 MS	PMP-13-WT-E (7.5-8.0)	3541, 8270C	T	14.99 g	1 mL	500 uL	500 uL	500 uL	
460-24277-F-12 MSD	PMP-13-WT-E (7.5-8.0)	3541, 8270C	T	14.97 g	1 mL	500 uL	500 uL	500 uL	
460-24277-F-12	PMP-13-WT-E (7.5-8.0)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		
460-24277-F-13	PMP-13-SI-E (15.5-16)	3541, 8270C	T	15.02 g	1 mL	500 uL	500 uL		
460-24277-F-14	PMP-13-SD-E (23.5-24)	3541, 8270C	T	14.98 g	1 mL	500 uL	500 uL		
460-24277-F-15	PMP-16-VD-E (3.5-4.0)	3541, 8270C	T	14.99 g	1 mL	500 uL	500 uL		
460-24277-F-16	PMP-16-WT-E (8.0-8.5)	3541, 8270C	T	14.96 g	1 mL	500 uL	500 uL		
460-24277-F-17	PMP-16-SI-E (10.5-11.0)	3541, 8270C	T	14.99 g	1 mL	500 uL	500 uL		
460-24277-F-18	PMP-15VD-E (3.5-4)	3541, 8270C	T	15.03 g	1 mL	500 uL	500 uL		
460-24277-F-19	PMP-15-WT-E (7.5-8)	3541, 8270C	T	15.04 g	1 mL	500 uL	500 uL		
460-24277-F-20	PMP-15-SI-E (15.5-16)	3541, 8270C	T	15.03 g	1 mL	500 uL	500 uL		
460-24277-F-21	PMP-15-SD-E (23.5-24.0)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		
460-24277-F-22	PMP-28-VD-E (3-5)	3541, 8270C	T	14.95 g	1 mL	500 uL	500 uL		
460-24277-F-23	PMP-28-WT-E (8-8.5)	3541, 8270C	T	14.96 g	1 mL	500 uL	500 uL		
460-24277-F-24	PMP-28-SI1-E (11-13)	3541, 8270C	T	15.02 g	1 mL	500 uL	500 uL		
460-24277-F-25	PMP-28-SI2-E (15-17)	3541, 8270C	T	15.01 g	1 mL	500 uL	500 uL		
460-24277-F-26	PMP-17-VD-E (3.5-4)	3541, 8270C	T	14.98 g	1 mL	500 uL	500 uL		
460-24277-F-27	PMP-17-WT-E (8-8.5)	3541, 8270C	T	14.97 g	1 mL	500 uL	500 uL		
460-24277-F-28	PMP-17-SI-E (10.5-11.0)	3541, 8270C	T	15.03 g	1 mL	500 uL	500 uL		
460-24277-F-29	PMP-18-VD-E (3.5-4)	3541, 8270C	T	15.01 g	1 mL	500 uL	500 uL		
460-24277-F-30	PMP-18-WT-E (8-8.5)	3541, 8270C	T	14.98 g	1 mL	500 uL	500 uL		

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68871 Batch Start Date: 03/29/11 22:23 Batch Analyst: Huertas, Jaime

Batch Method: 3541 Batch End Date:

Batch Notes	
Balance ID	60
Person's name who did the concentration	JH
First End time	21:30
Na2SO4 Lot Number	J21585
Person's name who did the prep	JH
Solvent	ACE/MECL2
First Start time	19:00

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 69007 Batch Start Date: 03/30/11 22:53 Batch Analyst: Huertas, Jaime

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Acid_SU 00013	OP_BN_SU 00016	OP8270SP 00018	
MB 460-69007/1		3541, 8270C		15.02 g	1 mL	500 uL	500 uL		
LCS 460-69007/2		3541, 8270C		14.96 g	1 mL	500 uL	500 uL	500 uL	
460-24279-F-1 MS		3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL	500 uL	
460-24279-F-1 MSD		3541, 8270C	T	15.03 g	1 mL	500 uL	500 uL	500 uL	
460-24277-F-1	PMP-9-VD-E (3.5-4.0)	3541, 8270C	T	15.04 g	1 mL	500 uL	500 uL		
460-24277-F-2	PMP-9-WT-E (8-8.5)	3541, 8270C	T	14.96 g	1 mL	500 uL	500 uL		
460-24277-F-3	PMP-9-SIE (10.5-11)	3541, 8270C	T	14.95 g	1 mL	500 uL	500 uL		
460-24277-F-4	DUP-031711 (3.5-4)	3541, 8270C	T	15.03 g	1 mL	500 uL	500 uL		
460-24277-F-5	DUP-031711 (8-8.5)	3541, 8270C	T	15.02 g	1 mL	500 uL	500 uL		
460-24277-F-6	DUP-031711 (10.5-11)	3541, 8270C	T	15.04 g	1 mL	500 uL	500 uL		
460-24277-F-31	PMP-18-SI-E (10.5-11)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		

Batch Notes	
Balance ID	60
Person's name who did the concentration	JH
First End time	00:30
Na2SO4 Lot Number	J21585
Person's name who did the prep	JH
Solvent	ACE/MECL2
First Start time	22:00

Basis	Basis Description
T	Total/NA

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
PMP-9-VD-E (3.5-4.0)	460-24277-1	121	114
PMP-9-WT-E (8-8.5)	460-24277-2	0 X D	0 X D
PMP-9-SIE (10.5-11)	460-24277-3	82	75
DUP-031711 (3.5-4)	460-24277-4	138	129
DUP-031711 (8-8.5)	460-24277-5	0 X D	0 X D
DUP-031711 (10.5-11)	460-24277-6	0 X D	0 X D
PMP-10-VD-E (3.5-4.0)	460-24277-7	125	117
PMP-10-WT-E (7.5-8.0)	460-24277-8	0 X D	0 D X
PMP-10-ST1-E (15-15.5)	460-24277-9	129	112
PMP-10-ST2-E (23.5-24)	460-24277-10	120	114
PMP-13-VD-E (3.5-4)	460-24277-11	123	116
PMP-13-WT-E (7.5-8.0)	460-24277-12	0 X D	0 X D
PMP-13-SI-E (15.5-16)	460-24277-13	115	107
PMP-13-SD-E (23.5-24)	460-24277-14	129	121
PMP-16-VD-E (3.5-4.0)	460-24277-15	127	117
PMP-16-WT-E (8.0-8.5)	460-24277-16	0 X D	0 X D
PMP-16-SI-E (10.5-11.0)	460-24277-17	0 X D	0 X D
PMP-15VD-E (3.5-4)	460-24277-18	131	125
PMP-15-WT-E (7.5-8)	460-24277-19	0 X D	0 X D
PMP-15-SI-E (15.5-16)	460-24277-20	138	120
PMP-15-SD-E (23.5-24.0)	460-24277-21	92	96
PMP-28-VD-E (3-5)	460-24277-22	0 D X	0 D X
PMP-28-WT-E (8-8.5)	460-24277-23	0 D X	0 D X
PMP-28-SI1-E (11-13)	460-24277-24	126	123
PMP-28-SI2-E (15-17)	460-24277-25	104	106
PMP-17-VD-E (3.5-4)	460-24277-26	32	32

	QC LIMITS
DCB = DCB Decachlorobiphenyl	30-150

Column to be used to flag recovery values

FORM II 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
PMP-17-WT-E (8-8.5)	460-24277-27	0 D X	0 D X
PMP-17-SI-E (10.5-11.0)	460-24277-28	0 D X	0 D X
PMP-18-VD-E (3.5-4)	460-24277-29	114	104
PMP-18-WT-E (8-8.5)	460-24277-30	0 D X	0 D X
PMP-18-SI-E (10.5-11)	460-24277-31	0 X D	0 X D
	MB 460-68886/1-A	141	134
	MB 460-68889/1-A	101	105
	MB 460-69030/1-A	127	122
	LCS 460-68886/2-A	137	130
	LCS 460-68889/2-A	88	92
	LCS 460-69030/2-A	126	119
PMP-9-VD-E (3.5-4.0) MS	460-24277-1 MS	125	118
	460-24337-A-13-A MS	105	106
	460-24281-A-31-A MS	124	118
PMP-9-VD-E (3.5-4.0) MSD	460-24277-1 MSD	116	109
	460-24337-A-13-B MSD	103	106
	460-24281-A-31-B MSD	108	103

	QC LIMITS
DCB = DCB Decachlorobiphenyl	30-150

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of171034.d

Lab ID: LCS 460-68886/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	423	127	60-144	
Aroclor 1260	333	405	122	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or171034.d

Lab ID: LCS 460-68886/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	399	120	60-144	
Aroclor 1260	333	372	112	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qf082596.d

Lab ID: LCS 460-68889/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	306	92	60-144	
Aroclor 1260	333	296	89	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qr082596.d

Lab ID: LCS 460-68889/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	321	96	60-144	
Aroclor 1260	333	310	93	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of171116.d

Lab ID: LCS 460-69030/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	409	123	60-144	
Aroclor 1260	333	393	118	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or171116.d

Lab ID: LCS 460-69030/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	385	115	60-144	
Aroclor 1260	333	378	113	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of171035.d

Lab ID: 460-24277-1 MS Client ID: PMP-9-VD-E (3.5-4.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	348	70 U	497	143	60-144	
Aroclor 1260	348	70 U	421	121	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or171035.d

Lab ID: 460-24277-1 MS Client ID: PMP-9-VD-E (3.5-4.0) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	348	70 U	443	127	60-144	
Aroclor 1260	348	70 U	377	108	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qf082597.d

Lab ID: 460-24337-A-13-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	1970	400 U	2210	112	60-144	
Aroclor 1260	1970	400 U	2200	111	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qr082597.d

Lab ID: 460-24337-A-13-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	1970	400 U	2220	113	60-144	
Aroclor 1260	1970	400 U	2280	116	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of171117.d

Lab ID: 460-24281-A-31-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	441	89 U	554	126	60-144	
Aroclor 1260	441	89 U	539	122	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or171117.d

Lab ID: 460-24281-A-31-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	441	89 U	516	117	60-144	
Aroclor 1260	441	89 U	511	116	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of171036.d

Lab ID: 460-24277-1 MSD Client ID: PMP-9-VD-E (3.5-4.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	348	458	132	8	30	60-144	
Aroclor 1260	348	377	108	11	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or171036.d

Lab ID: 460-24277-1 MSD Client ID: PMP-9-VD-E (3.5-4.0) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	348	412	119	7	30	60-144	
Aroclor 1260	348	347	100	8	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qf082598.d

Lab ID: 460-24337-A-13-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	1970	2240	113	1	30	60-144	
Aroclor 1260	1970	2200	111	0	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: qr082598.d

Lab ID: 460-24337-A-13-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	1970	2190	111	1	30	60-144	
Aroclor 1260	1970	2270	115	0	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of171118.d

Lab ID: 460-24281-A-31-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	442	476	108	15	30	60-144	
Aroclor 1260	442	476	108	12	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or171118.d

Lab ID: 460-24281-A-31-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	442	460	104	NC	30	60-144	
Aroclor 1260	442	439	99	NC	30	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: MB 460-68886/1-A

Matrix: Solid Date Extracted: 03/30/2011 03:55

Lab File ID:(1) of171033.d Lab File ID:(2) or171033.d

Date Analyzed:(1) 03/31/2011 10:42 Date Analyzed:(2) 03/31/2011 10:42

Instrument ID:(1) PESTGC7 Instrument ID:(2) PESTGC7

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-68886/2-A	03/31/2011 10:58	03/31/2011 10:58
PMP-9-VD-E (3.5-4.0) MS	460-24277-1 MS	03/31/2011 11:14	03/31/2011 11:14
PMP-9-VD-E (3.5-4.0) MSD	460-24277-1 MSD	03/31/2011 11:30	03/31/2011 11:30
PMP-9-VD-E (3.5-4.0)	460-24277-1	03/31/2011 11:47	03/31/2011 11:47
PMP-9-SIE (10.5-11)	460-24277-3	03/31/2011 18:13	03/31/2011 18:13
DUP-031711 (3.5-4)	460-24277-4	03/31/2011 18:30	03/31/2011 18:30
PMP-10-VD-E (3.5-4.0)	460-24277-7	03/31/2011 19:18	03/31/2011 19:18
PMP-10-ST2-E (23.5-24)	460-24277-10	03/31/2011 20:08	03/31/2011 20:08
PMP-13-VD-E (3.5-4)	460-24277-11	03/31/2011 20:24	03/31/2011 20:24
PMP-13-SI-E (15.5-16)	460-24277-13	03/31/2011 20:56	03/31/2011 20:56
PMP-13-SD-E (23.5-24)	460-24277-14	03/31/2011 21:12	03/31/2011 21:12
PMP-16-VD-E (3.5-4.0)	460-24277-15	03/31/2011 21:28	03/31/2011 21:28
PMP-15VD-E (3.5-4)	460-24277-18	03/31/2011 22:17	03/31/2011 22:17
DUP-031711 (8-8.5)	460-24277-5	04/01/2011 01:09	04/01/2011 01:09
DUP-031711 (10.5-11)	460-24277-6	04/01/2011 01:25	04/01/2011 01:25
PMP-10-WT-E (7.5-8.0)	460-24277-8	04/01/2011 01:42	04/01/2011 01:42
PMP-10-ST1-E (15-15.5)	460-24277-9	04/01/2011 01:59	04/01/2011 01:59
PMP-13-WT-E (7.5-8.0)	460-24277-12	04/01/2011 02:15	04/01/2011 02:15
PMP-16-SI-E (10.5-11.0)	460-24277-17	04/01/2011 02:48	04/01/2011 02:48
PMP-15-WT-E (7.5-8)	460-24277-19	04/01/2011 03:04	04/01/2011 03:04
PMP-15-SI-E (15.5-16)	460-24277-20	04/01/2011 03:21	04/01/2011 03:21
PMP-9-WT-E (8-8.5)	460-24277-2	04/01/2011 04:10	04/01/2011 04:10
PMP-16-WT-E (8.0-8.5)	460-24277-16	04/01/2011 04:27	04/01/2011 04:27

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: MB 460-68889/1-A

Matrix: Solid Date Extracted: 03/30/2011 04:35

Lab File ID:(1) qf082595.d Lab File ID:(2) qr082595.d

Date Analyzed:(1) 03/31/2011 14:33 Date Analyzed:(2) 03/31/2011 14:33

Instrument ID:(1) PESTGC8 Instrument ID:(2) PESTGC8

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-68889/2-A	03/31/2011 14:49	03/31/2011 14:49
	460-24337-A-13-A MS	03/31/2011 15:05	03/31/2011 15:05
	460-24337-A-13-B MSD	03/31/2011 15:21	03/31/2011 15:21
PMP-15-SD-E (23.5-24.0)	460-24277-21	03/31/2011 15:37	03/31/2011 15:37
PMP-28-SI2-E (15-17)	460-24277-25	03/31/2011 16:44	03/31/2011 16:44
PMP-17-VD-E (3.5-4)	460-24277-26	03/31/2011 17:00	03/31/2011 17:00
PMP-28-VD-E (3-5)	460-24277-22	03/31/2011 23:19	03/31/2011 23:19
PMP-28-WT-E (8-8.5)	460-24277-23	03/31/2011 23:35	03/31/2011 23:35
PMP-28-SI1-E (11-13)	460-24277-24	03/31/2011 23:51	03/31/2011 23:51
PMP-17-WT-E (8-8.5)	460-24277-27	04/01/2011 00:07	04/01/2011 00:07
PMP-17-SI-E (10.5-11.0)	460-24277-28	04/01/2011 00:23	04/01/2011 00:23

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: MB 460-69030/1-A

Matrix: Solid Date Extracted: 03/31/2011 09:06

Lab File ID:(1) of171115.d Lab File ID:(2) or171115.d

Date Analyzed:(1) 04/01/2011 10:43 Date Analyzed:(2) 04/01/2011 10:43

Instrument ID:(1) PESTGC7 Instrument ID:(2) PESTGC7

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-69030/2-A	04/01/2011 11:00	04/01/2011 11:00
	460-24281-A-31-A MS	04/01/2011 11:17	04/01/2011 11:17
	460-24281-A-31-B MSD	04/01/2011 11:33	04/01/2011 11:33
PMP-18-VD-E (3.5-4)	460-24277-29	04/02/2011 00:06	04/02/2011 00:06
PMP-18-WT-E (8-8.5)	460-24277-30	04/02/2011 00:22	04/02/2011 00:22
PMP-18-SI-E (10.5-11)	460-24277-31	04/02/2011 05:03	04/02/2011 05:03

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69122/2 Date Analyzed: 03/31/2011 10:26

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of171032.d Heated Purge: (Y/N) N

Calibration ID: 10143

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.70		
UPPER LIMIT				10.80		
LOWER LIMIT				10.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69122/2		03/31/2011 10:26	of171032.d	10.70		
MB 460-68886/1-A		03/31/2011 10:42	of171033.d	10.70		
LCS 460-68886/2-A		03/31/2011 10:58	of171034.d	10.70		
460-24277-1 MS	PMP-9-VD-E (3.5-4.0) MS	03/31/2011 11:14	of171035.d	10.70		
460-24277-1 MSD	PMP-9-VD-E (3.5-4.0) MSD	03/31/2011 11:30	of171036.d	10.70		
460-24277-1	PMP-9-VD-E (3.5-4.0)	03/31/2011 11:47	of171037.d	10.70		
CCV 460-69122/23		03/31/2011 17:07	of171053.d	10.70		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69122/2 Date Analyzed: 03/31/2011 10:26

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or171032.d Heated Purge: (Y/N) N

Calibration ID: 10144

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.61		
UPPER LIMIT				9.71		
LOWER LIMIT				9.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69122/2		03/31/2011 10:26	or171032.d	9.61		
MB 460-68886/1-A		03/31/2011 10:42	or171033.d	9.61		
LCS 460-68886/2-A		03/31/2011 10:58	or171034.d	9.61		
460-24277-1 MS	PMP-9-VD-E (3.5-4.0) MS	03/31/2011 11:14	or171035.d	9.61		
460-24277-1 MSD	PMP-9-VD-E (3.5-4.0) MSD	03/31/2011 11:30	or171036.d	9.61		
460-24277-1	PMP-9-VD-E (3.5-4.0)	03/31/2011 11:47	or171037.d	9.61		
CCV 460-69122/23		03/31/2011 17:07	or171053.d	9.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69160/2 Date Analyzed: 03/31/2011 17:40

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of171055.d Heated Purge: (Y/N) N

Calibration ID: 10143

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.70		
UPPER LIMIT				10.80		
LOWER LIMIT				10.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69160/2		03/31/2011 17:40	of171055.d	10.70		
460-24277-3	PMP-9-SIE (10.5-11)	03/31/2011 18:13	of171057.d	10.70		
460-24277-4	DUP-031711 (3.5-4)	03/31/2011 18:30	of171058.d	10.70		
460-24277-7	PMP-10-VD-E (3.5-4.0)	03/31/2011 19:18	of171061.d	10.70		
460-24277-10	PMP-10-ST2-E (23.5-24)	03/31/2011 20:08	of171064.d	10.70		
460-24277-11	PMP-13-VD-E (3.5-4)	03/31/2011 20:24	of171065.d	10.70		
460-24277-13	PMP-13-SI-E (15.5-16)	03/31/2011 20:56	of171067.d	10.70		
460-24277-14	PMP-13-SD-E (23.5-24)	03/31/2011 21:12	of171068.d	10.70		
460-24277-15	PMP-16-VD-E (3.5-4.0)	03/31/2011 21:28	of171069.d	10.70		
460-24277-18	PMP-15VD-E (3.5-4)	03/31/2011 22:17	of171072.d	10.70		
CCV 460-69160/23		03/31/2011 23:21	of171076.d	10.70		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69160/2 Date Analyzed: 03/31/2011 17:40

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or171055.d Heated Purge: (Y/N) N

Calibration ID: 10144

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.61		
UPPER LIMIT				9.71		
LOWER LIMIT				9.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69160/2		03/31/2011 17:40	or171055.d	9.61		
460-24277-3	PMP-9-SIE (10.5-11)	03/31/2011 18:13	or171057.d	9.61		
460-24277-4	DUP-031711 (3.5-4)	03/31/2011 18:30	or171058.d	9.61		
460-24277-7	PMP-10-VD-E (3.5-4.0)	03/31/2011 19:18	or171061.d	9.61		
460-24277-10	PMP-10-ST2-E (23.5-24)	03/31/2011 20:08	or171064.d	9.61		
460-24277-11	PMP-13-VD-E (3.5-4)	03/31/2011 20:24	or171065.d	9.61		
460-24277-13	PMP-13-SI-E (15.5-16)	03/31/2011 20:56	or171067.d	9.61		
460-24277-14	PMP-13-SD-E (23.5-24)	03/31/2011 21:12	or171068.d	9.61		
460-24277-15	PMP-16-VD-E (3.5-4.0)	03/31/2011 21:28	or171069.d	9.61		
460-24277-18	PMP-15VD-E (3.5-4)	03/31/2011 22:17	or171072.d	9.61		
CCV 460-69160/23		03/31/2011 23:21	or171076.d	9.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69162/2 Date Analyzed: 03/31/2011 23:54

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of171078.d Heated Purge: (Y/N) N

Calibration ID: 10143

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.70		
UPPER LIMIT				10.80		
LOWER LIMIT				10.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69162/2		03/31/2011 23:54	of171078.d	10.70		
460-24277-5	DUP-031711 (8-8.5)	04/01/2011 01:09	of171080.d	0.00		
460-24277-6	DUP-031711 (10.5-11)	04/01/2011 01:25	of171081.d	0.00		
460-24277-8	PMP-10-WT-E (7.5-8.0)	04/01/2011 01:42	of171082.d	0.00		
460-24277-9	PMP-10-ST1-E (15-15.5)	04/01/2011 01:59	of171083.d	10.70		
460-24277-12	PMP-13-WT-E (7.5-8.0)	04/01/2011 02:15	of171084.d	0.00		
460-24277-17	PMP-16-SI-E (10.5-11.0)	04/01/2011 02:48	of171086.d	0.00		
460-24277-19	PMP-15-WT-E (7.5-8)	04/01/2011 03:04	of171087.d	0.00		
460-24277-20	PMP-15-SI-E (15.5-16)	04/01/2011 03:21	of171088.d	10.70		
460-24277-2	PMP-9-WT-E (8-8.5)	04/01/2011 04:10	of171091.d	0.00		
460-24277-16	PMP-16-WT-E (8.0-8.5)	04/01/2011 04:27	of171092.d	0.00		
CCV 460-69162/18		04/01/2011 05:00	of171094.d	10.70		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69162/2 Date Analyzed: 03/31/2011 23:54

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or171078.d Heated Purge: (Y/N) N

Calibration ID: 10144

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.61		
UPPER LIMIT				9.71		
LOWER LIMIT				9.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69162/2		03/31/2011 23:54	or171078.d	9.61		
460-24277-5	DUP-031711 (8-8.5)	04/01/2011 01:09	or171080.d	0.00		
460-24277-6	DUP-031711 (10.5-11)	04/01/2011 01:25	or171081.d	0.00		
460-24277-8	PMP-10-WT-E (7.5-8.0)	04/01/2011 01:42	or171082.d	0.00		
460-24277-9	PMP-10-ST1-E (15-15.5)	04/01/2011 01:59	or171083.d	9.61		
460-24277-12	PMP-13-WT-E (7.5-8.0)	04/01/2011 02:15	or171084.d	0.00		
460-24277-17	PMP-16-SI-E (10.5-11.0)	04/01/2011 02:48	or171086.d	0.00		
460-24277-19	PMP-15-WT-E (7.5-8)	04/01/2011 03:04	or171087.d	0.00		
460-24277-20	PMP-15-SI-E (15.5-16)	04/01/2011 03:21	or171088.d	9.61		
460-24277-2	PMP-9-WT-E (8-8.5)	04/01/2011 04:10	or171091.d	0.00		
460-24277-16	PMP-16-WT-E (8.0-8.5)	04/01/2011 04:27	or171092.d	0.00		
CCV 460-69162/18		04/01/2011 05:00	or171094.d	9.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69334/2 Date Analyzed: 04/01/2011 10:27

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of171114.d Heated Purge: (Y/N) N

Calibration ID: 10143

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.70		
UPPER LIMIT				10.80		
LOWER LIMIT				10.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69334/2		04/01/2011 10:27	of171114.d	10.70		
MB 460-69030/1-A		04/01/2011 10:43	of171115.d	10.70		
LCS 460-69030/2-A		04/01/2011 11:00	of171116.d	10.70		
460-24281-A-31-B MSD		04/01/2011 11:33	of171118.d	10.70		
CCV 460-69334/22		04/01/2011 20:24	of171134.d	10.70		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69334/2 Date Analyzed: 04/01/2011 10:27

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or171114.d Heated Purge: (Y/N) N

Calibration ID: 10144

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.61		
UPPER LIMIT				9.71		
LOWER LIMIT				9.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69334/2		04/01/2011 10:27	or171114.d	9.61		
MB 460-69030/1-A		04/01/2011 10:43	or171115.d	9.61		
LCS 460-69030/2-A		04/01/2011 11:00	or171116.d	9.61		
460-24281-A-31-B MSD		04/01/2011 11:33	or171118.d	9.61		
CCV 460-69334/22		04/01/2011 20:24	or171134.d	9.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69307/2 Date Analyzed: 04/01/2011 20:56

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of171136.d Heated Purge: (Y/N) N

Calibration ID: 10143

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.70		
UPPER LIMIT				10.80		
LOWER LIMIT				10.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69307/2		04/01/2011 20:56	of171136.d	10.70		
460-24277-29	PMP-18-VD-E (3.5-4)	04/02/2011 00:06	of171143.d	10.71		
460-24277-30	PMP-18-WT-E (8-8.5)	04/02/2011 00:22	of171144.d	0.00		
CCV 460-69307/19		04/02/2011 02:50	of171153.d	10.70		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69307/2 Date Analyzed: 04/01/2011 20:56

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or171136.d Heated Purge: (Y/N) N

Calibration ID: 10144

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.61		
UPPER LIMIT				9.71		
LOWER LIMIT				9.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69307/2		04/01/2011 20:56	or171136.d	9.61		
460-24277-29	PMP-18-VD-E (3.5-4)	04/02/2011 00:06	or171143.d	9.61		
460-24277-30	PMP-18-WT-E (8-8.5)	04/02/2011 00:22	or171144.d	0.00		
CCV 460-69307/19		04/02/2011 02:50	or171153.d	9.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69331/2 Date Analyzed: 04/02/2011 03:24

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of171155.d Heated Purge: (Y/N) N

Calibration ID: 10143

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.70		
UPPER LIMIT				10.80		
LOWER LIMIT				10.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69331/2		04/02/2011 03:24	of171155.d	10.70		
460-24277-31	PMP-18-SI-E (10.5-11)	04/02/2011 05:03	of171161.d	0.00		
CCV 460-69331/10		04/02/2011 05:36	of171163.d	10.70		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69331/2 Date Analyzed: 04/02/2011 03:24

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or171155.d Heated Purge: (Y/N) N

Calibration ID: 10144

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.61		
UPPER LIMIT				9.71		
LOWER LIMIT				9.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69331/2		04/02/2011 03:24	or171155.d	9.61		
460-24277-31	PMP-18-SI-E (10.5-11)	04/02/2011 05:03	or171161.d	0.00		
CCV 460-69331/10		04/02/2011 05:36	or171163.d	9.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69158/2 Date Analyzed: 03/31/2011 14:17

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): qf082594.d Heated Purge: (Y/N) N

Calibration ID: 10323

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.33		
UPPER LIMIT				10.43		
LOWER LIMIT				10.23		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69158/2		03/31/2011 14:17	qf082594.d	10.33		
MB 460-68889/1-A		03/31/2011 14:33	qf082595.d	10.33		
LCS 460-68889/2-A		03/31/2011 14:49	qf082596.d	10.33		
460-24337-A-13-A MS		03/31/2011 15:05	qf082597.d	10.33		
460-24337-A-13-B MSD		03/31/2011 15:21	qf082598.d	10.33		
460-24277-21	PMP-15-SD-E (23.5-24.0)	03/31/2011 15:37	qf082599.d	10.34		
460-24277-25	PMP-28-SI2-E (15-17)	03/31/2011 16:44	qf082603.d	10.33		
460-24277-26	PMP-17-VD-E (3.5-4)	03/31/2011 17:00	qf082604.d	10.33		
CCV 460-69158/24		03/31/2011 20:11	qf082616.d	10.33		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69158/2 Date Analyzed: 03/31/2011 14:17

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): qr082594.d Heated Purge: (Y/N) N

Calibration ID: 10315

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.23		
UPPER LIMIT				9.33		
LOWER LIMIT				9.13		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69158/2		03/31/2011 14:17	qr082594.d	9.23		
MB 460-68889/1-A		03/31/2011 14:33	qr082595.d	9.23		
LCS 460-68889/2-A		03/31/2011 14:49	qr082596.d	9.23		
460-24337-A-13-A MS		03/31/2011 15:05	qr082597.d	9.23		
460-24337-A-13-B MSD		03/31/2011 15:21	qr082598.d	9.23		
460-24277-21	PMP-15-SD-E (23.5-24.0)	03/31/2011 15:37	qr082599.d	9.23		
460-24277-25	PMP-28-SI2-E (15-17)	03/31/2011 16:44	qr082603.d	9.23		
460-24277-26	PMP-17-VD-E (3.5-4)	03/31/2011 17:00	qr082604.d	9.23		
CCV 460-69158/24		03/31/2011 20:11	qr082616.d	9.23		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69159/2 Date Analyzed: 03/31/2011 22:51

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): qf082626.d Heated Purge: (Y/N) N

Calibration ID: 10323

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.32		
UPPER LIMIT				10.42		
LOWER LIMIT				10.22		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69159/2		03/31/2011 22:51	qf082626.d	10.32		
460-24277-22	PMP-28-VD-E (3-5)	03/31/2011 23:19	qf082627.d	0.00		
460-24277-23	PMP-28-WT-E (8-8.5)	03/31/2011 23:35	qf082628.d	0.00		
460-24277-24	PMP-28-SI1-E (11-13)	03/31/2011 23:51	qf082629.d	10.32		
460-24277-27	PMP-17-WT-E (8-8.5)	04/01/2011 00:07	qf082630.d	0.00		
460-24277-28	PMP-17-SI-E (10.5-11.0)	04/01/2011 00:23	qf082631.d	0.00		
CCV 460-69159/9		04/01/2011 01:57	qf082633.d	10.32		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Sample No.: CCVRT 460-69159/2 Date Analyzed: 03/31/2011 22:51

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): qr082626.d Heated Purge: (Y/N) N

Calibration ID: 10315

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.23		
UPPER LIMIT				9.33		
LOWER LIMIT				9.13		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69159/2		03/31/2011 22:51	qr082626.d	9.23		
460-24277-22	PMP-28-VD-E (3-5)	03/31/2011 23:19	qr082627.d	0.00		
460-24277-23	PMP-28-WT-E (8-8.5)	03/31/2011 23:35	qr082628.d	0.00		
460-24277-24	PMP-28-SI1-E (11-13)	03/31/2011 23:51	qr082629.d	9.23		
460-24277-27	PMP-17-WT-E (8-8.5)	04/01/2011 00:07	qr082630.d	0.00		
460-24277-28	PMP-17-SI-E (10.5-11.0)	04/01/2011 00:23	qr082631.d	0.00		
CCV 460-69159/9		04/01/2011 01:57	qr082633.d	9.23		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) Lab Sample ID: 460-24277-1

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 11:47 Date Analyzed (2): 03/31/2011 11:47

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.18	3.09	3.23	96.6	120	3.6
		2	3.64	3.56	3.70	144		
		3	3.93	3.85	3.99	135		
		4	4.19	4.11	4.25	80.4		
		5	4.35	4.28	4.42	85.9		
		6	4.61	4.53	4.67	175		
		7	5.10	5.03	5.17	131		
		8	5.43	5.36	5.50	91.5		
	2	1	2.53	2.44	2.58	92.1	110	
		2	2.86	2.78	2.92	133		
		3	3.06	2.98	3.12	136		
		4	3.33	3.25	3.39	72.1		
		5	3.49	3.40	3.54	104		
		6	3.69	3.62	3.76	138		
		7	3.93	3.85	3.99	135		
		8	4.66	4.60	4.74	95.7		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) MS Lab Sample ID: 460-24277-1 MS

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 11:14 Date Analyzed (2): 03/31/2011 11:14

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	3.17	3.10	3.24	410	497	11.4
		2	3.64	3.57	3.71	468		
		3	3.93	3.86	4.00	487		
		4	4.19	4.11	4.25	471		
		5	4.36	4.28	4.42	504		
		6	4.66	4.58	4.72	544		
		7	4.94	4.87	5.01	518		
		8	5.10	5.03	5.17	574		
	2	1	2.53	2.46	2.60	379	443	
		2	2.86	2.79	2.93	439		
		3	3.06	2.99	3.13	452		
		4	3.33	3.26	3.40	452		
		5	3.48	3.41	3.55	441		
		6	3.54	3.47	3.61	455		
		7	3.93	3.85	3.99	473		
		8	4.05	3.98	4.12	456		
Aroclor 1260	1	1	6.65	6.58	6.72	440	421	11.0
		2	7.01	6.94	7.08	428		
		3	7.71	7.64	7.78	414		
		4	7.92	7.85	7.99	423		
		5	8.04	7.97	8.11	434		
		6	8.61	8.54	8.68	412		
		7	9.59	9.52	9.66	390		
		8	10.21	10.14	10.28	430		
	2	1	5.36	5.29	5.43	390	377	
		2	5.70	5.63	5.77	387		
		3	6.06	5.99	6.13	376		
		4	6.21	6.14	6.28	399		
		5	6.56	6.49	6.63	373		
		6	7.60	7.53	7.67	318		
		7	7.77	7.70	7.84	400		
		8	8.96	8.89	9.03	373		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) MSD Lab Sample ID: 460-24277-1 MSD

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 11:30 Date Analyzed (2): 03/31/2011 11:30

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	3.17	3.10	3.24	389	458	10.5
		2	3.64	3.57	3.71	421		
		3	3.93	3.86	4.00	470		
		4	4.19	4.11	4.25	433		
		5	4.35	4.28	4.42	457		
		6	4.66	4.58	4.72	482		
		7	4.94	4.87	5.01	493		
		8	5.10	5.03	5.17	515		
	2	1	2.53	2.46	2.60	337	412	
		2	2.86	2.79	2.93	398		
		3	3.06	2.99	3.13	414		
		4	3.33	3.26	3.40	396		
		5	3.48	3.41	3.55	404		
		6	3.54	3.47	3.61	426		
		7	3.92	3.85	3.99	441		
		8	4.05	3.98	4.12	480		
Aroclor 1260	1	1	6.65	6.58	6.72	385	377	8.3
		2	7.01	6.94	7.08	377		
		3	7.71	7.64	7.78	366		
		4	7.92	7.85	7.99	377		
		5	8.04	7.97	8.11	379		
		6	8.61	8.54	8.68	377		
		7	9.59	9.52	9.66	367		
		8	10.21	10.14	10.28	386		
	2	1	5.36	5.29	5.43	352	347	
		2	5.70	5.63	5.77	357		
		3	6.06	5.99	6.13	349		
		4	6.21	6.14	6.28	360		
		5	6.56	6.49	6.63	351		
		6	7.60	7.53	7.67	296		
		7	7.77	7.70	7.84	372		
		8	8.96	8.89	9.03	336		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-WT-E (8-8.5) Lab Sample ID: 460-24277-2

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 04:10 Date Analyzed (2): 04/01/2011 04:10

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	4	4.60	4.53	4.67	79200	92000	14.3
		5	4.94	4.87	5.01	90400		
		6	5.10	5.03	5.17	108000		
		7	5.43	5.36	5.50	79900		
		8	5.48	5.41	5.55	104000		
	2	4	3.69	3.62	3.76	86900	110000	
		5	3.92	3.85	3.99	88700		
		7	4.30	4.24	4.38	124000		
		8	4.66	4.59	4.73	126000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-SIE (10.5-11) Lab Sample ID: 460-24277-3

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 18:13 Date Analyzed (2): 03/31/2011 18:13

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	1470	1700	8.2
		2	3.64	3.56	3.70	1680		
		3	3.93	3.85	3.99	1490		
		4	4.19	4.11	4.25	1830		
		6	4.60	4.53	4.67	1830		
	2	1	2.53	2.44	2.58	1440	1500	
		2	2.86	2.78	2.92	1590		
		3	3.06	2.98	3.12	1640		
		4	3.33	3.25	3.39	1760		
		5	3.48	3.40	3.54	1750		
		6	3.70	3.62	3.76	923		
		7	3.93	3.85	3.99	1740		
		8	4.66	4.60	4.74	1410		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (3.5-4) Lab Sample ID: 460-24277-4

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 18:30 Date Analyzed (2): 03/31/2011 18:30

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	76.3	85	12.3
		2	3.64	3.56	3.70	85.9		
		3	3.94	3.85	3.99	86.3		
		4	4.19	4.11	4.25	84.0		
		5	4.36	4.28	4.42	89.3		
		6	4.61	4.53	4.67	75.9		
		7	5.10	5.03	5.17	82.0		
		8	5.43	5.36	5.50	102		
	2	1	2.53	2.44	2.58	93.2	75	
		2	2.87	2.78	2.92	80.3		
		3	3.06	2.98	3.12	65.1		
		4	3.34	3.25	3.39	78.5		
		5	3.48	3.40	3.54	66.1		
		6	3.70	3.62	3.76	69.5		
		7	3.93	3.85	3.99	68.5		
		8	4.66	4.60	4.74	81.6		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (8-8.5) Lab Sample ID: 460-24277-5

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 01:09 Date Analyzed (2): 04/01/2011 01:09

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	247000	270000	1.7
		2	3.64	3.56	3.70	255000		
		3	3.93	3.85	3.99	241000		
		4	4.19	4.11	4.25	267000		
		5	4.36	4.28	4.42	274000		
		6	4.60	4.53	4.67	283000		
		7	5.10	5.03	5.17	304000		
		8	5.43	5.36	5.50	259000		
	2	1	2.52	2.44	2.58	234000	270000	
		2	2.86	2.78	2.92	244000		
		3	3.06	2.98	3.12	262000		
		4	3.33	3.25	3.39	271000		
		5	3.48	3.40	3.54	255000		
		6	3.69	3.62	3.76	245000		
		7	3.92	3.85	3.99	249000		
		8	4.66	4.60	4.74	408000		
Aroclor 1260	1	1	6.66	6.58	6.72	105000	70000	9.1
		2	7.02	6.94	7.08	61500		
		3	7.71	7.64	7.78	57200		
		4	7.92	7.85	7.99	66800		
		5	8.05	7.97	8.11	63600		
		6	8.62	8.54	8.68	65100		
		7	9.59	9.52	9.66	59900		
		8	10.21	10.14	10.28	80500		
	2	1	5.36	5.29	5.43	68700	64000	
		2	5.70	5.63	5.77	64600		
		3	6.06	5.99	6.13	58800		
		4	6.21	6.14	6.28	70100		
		5	6.56	6.49	6.63	64900		
		6	7.60	7.53	7.67	48700		
		7	7.77	7.70	7.84	71300		
		8	8.96	8.89	9.03	63500		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (10.5-11) Lab Sample ID: 460-24277-6

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 01:25 Date Analyzed (2): 04/01/2011 01:25

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	74600	80000	3.0
		2	3.64	3.56	3.70	79600		
		3	3.93	3.85	3.99	78800		
		4	4.19	4.11	4.25	79200		
		5	4.36	4.28	4.42	82200		
		6	4.60	4.53	4.67	83700		
		7	5.10	5.03	5.17	83700		
		8	5.43	5.36	5.50	76900		
	2	1	2.52	2.44	2.58	66700	78000	
		2	2.86	2.78	2.92	72300		
		3	3.06	2.98	3.12	74800		
		4	3.33	3.25	3.39	72200		
		5	3.48	3.40	3.54	75400		
		6	3.69	3.62	3.76	72000		
		7	3.92	3.85	3.99	72500		
		8	4.66	4.60	4.74	114000		
Aroclor 1260	1	1	6.66	6.58	6.72	29500	20000	18.0
		2	7.02	6.94	7.08	17100		
		3	7.72	7.64	7.78	14500		
		4	7.92	7.85	7.99	16900		
		5	8.05	7.97	8.11	15300		
		6	8.62	8.54	8.68	16500		
		7	9.60	9.52	9.66	27700		
		8	10.21	10.14	10.28	20500		
	2	1	5.36	5.29	5.43	18900	16000	
		2	5.71	5.63	5.77	18600		
		3	6.06	5.99	6.13	15200		
		4	6.21	6.14	6.28	18800		
		5	6.56	6.49	6.63	17500		
		6	7.60	7.53	7.67	11300		
		7	7.77	7.70	7.84	16200		
		8	8.96	8.89	9.03	15500		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) Lab Sample ID: 460-24277-7

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 19:18 Date Analyzed (2): 03/31/2011 19:18

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	57.7	65	27.3
		2	3.64	3.56	3.70	54.7		
		3	3.93	3.85	3.99	58.9		
		4	4.19	4.11	4.25	65.4		
		5	4.36	4.28	4.42	78.1		
		6	4.60	4.53	4.67	70.2		
		7	5.10	5.03	5.17	65.7		
		8	5.43	5.36	5.50	72.2		
	2	1	2.53	2.44	2.58	67.2	50	
		2	2.87	2.78	2.92	48.2		
		3	3.06	2.98	3.12	42.7		
		4	3.33	3.25	3.39	46.6		
		5	3.48	3.40	3.54	47.8		
		6	3.70	3.62	3.76	45.6		
		7	3.93	3.85	3.99	35.7		
		8	4.66	4.60	4.74	63.4		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-WT-E (7.5-8.0) Lab Sample ID: 460-24277-8

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 01:42 Date Analyzed (2): 04/01/2011 01:42

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	3.64	3.56	3.70	17200	9100	1.2
		2	4.19	4.11	4.25	13800		
		3	4.48	4.41	4.55	12200		
		4	4.60	4.53	4.67	5900		
		5	4.94	4.87	5.01	5980		
		6	5.10	5.03	5.17	6450		
		7	5.43	5.36	5.50	5460		
		8	5.48	5.41	5.55	5880		
	2	1	2.86	2.78	2.92	16300	9000	
		2	3.33	3.25	3.39	12900		
		3	3.53	3.46	3.60	10500		
		4	3.69	3.62	3.76	5870		
		5	3.92	3.85	3.99	5940		
		6	4.02	3.95	4.09	6380		
		7	4.30	4.24	4.38	5880		
		8	4.66	4.59	4.73	8170		
Aroclor 1260	1	1	6.65	6.58	6.72	2140	1900	9.4
		2	7.01	6.94	7.08	1910		
		3	7.71	7.64	7.78	1730		
		4	7.92	7.85	7.99	1990		
		5	8.05	7.97	8.11	1710		
		6	8.62	8.54	8.68	1790		
		7	9.59	9.52	9.66	1980		
		8	10.21	10.14	10.28	2180		
	2	1	5.36	5.29	5.43	1850	1800	
		2	5.70	5.63	5.77	1700		
		3	6.05	5.99	6.13	1640		
		4	6.21	6.14	6.28	2000		
		5	6.56	6.49	6.63	1960		
		6	7.60	7.53	7.67	1400		
		7	7.77	7.70	7.84	1720		
		8	8.96	8.89	9.03	1780		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST1-E (15-15.5) Lab Sample ID: 460-24277-9

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 01:59 Date Analyzed (2): 04/01/2011 01:59

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	2	4.19	4.11	4.25	3870	1900	35.9
		4	4.60	4.53	4.67	1350		
		5	4.94	4.87	5.01	1450		
		6	5.10	5.03	5.17	1660		
		7	5.43	5.36	5.50	1380		
		8	5.48	5.41	5.55	1650		
	2	1	2.86	2.78	2.92	4790	2700	
		2	3.33	3.25	3.39	3700		
		3	3.54	3.46	3.60	4690		
		4	3.69	3.62	3.76	1470		
		5	3.92	3.85	3.99	1510		
		6	4.03	3.95	4.09	1290		
		7	4.30	4.24	4.38	2200		
		8	4.66	4.59	4.73	2120		
Aroclor 1260	1	1	6.65	6.58	6.72	404	380	10.1
		2	7.01	6.94	7.08	360		
		3	7.71	7.64	7.78	342		
		4	7.92	7.85	7.99	374		
		5	8.05	7.97	8.11	340		
		6	8.62	8.54	8.68	382		
		7	9.59	9.52	9.66	405		
		8	10.21	10.14	10.28	431		
	2	1	5.36	5.29	5.43	366	340	
		2	5.70	5.63	5.77	327		
		3	6.05	5.99	6.13	333		
		4	6.21	6.14	6.28	390		
		5	6.56	6.49	6.63	367		
		6	7.60	7.53	7.67	278		
		7	7.77	7.70	7.84	330		
		8	8.95	8.89	9.03	354		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST2-E (23.5-24) Lab Sample ID: 460-24277-10

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 20:08 Date Analyzed (2): 03/31/2011 20:08

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.18	3.09	3.23	54.9	100	0.1
		2	3.65	3.56	3.70	87.7		
		3	3.93	3.85	3.99	72.3		
		4	4.19	4.11	4.25	102		
		5	4.36	4.28	4.42	111		
		6	4.61	4.53	4.67	129		
		7	5.10	5.03	5.17	140		
		8	5.43	5.36	5.50	143		
	2	1	2.53	2.44	2.58	61.1	100	
		2	2.87	2.78	2.92	70.6		
		3	3.06	2.98	3.12	75.7		
		4	3.33	3.25	3.39	91.2		
		5	3.48	3.40	3.54	94.9		
		6	3.70	3.62	3.76	122		
		7	3.93	3.85	3.99	117		
		8	4.66	4.60	4.74	206		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-VD-E (3.5-4) Lab Sample ID: 460-24277-11

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 20:24 Date Analyzed (2): 03/31/2011 20:24

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	3.65	3.56	3.70	125	320	3.8
		2	4.19	4.11	4.25	266		
		3	4.52	4.41	4.55	402		
		4	4.60	4.53	4.67	377		
		5	4.94	4.87	5.01	266		
		6	5.10	5.03	5.17	352		
		7	5.43	5.36	5.50	271		
		8	5.48	5.41	5.55	472		
	2	1	2.87	2.78	2.92	84.9	330	
		2	3.33	3.25	3.39	268		
		3	3.50	3.46	3.60	348		
		4	3.69	3.62	3.76	355		
		5	3.93	3.85	3.99	252		
		6	4.02	3.95	4.09	561		
		7	4.31	4.24	4.38	189		
		8	4.66	4.59	4.73	573		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) Lab Sample ID: 460-24277-12

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 02:15 Date Analyzed (2): 04/01/2011 02:15

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	91900	130000	16.6
		2	3.64	3.56	3.70	132000		
		3	3.93	3.85	3.99	136000		
		4	4.19	4.11	4.25	136000		
		5	4.36	4.28	4.42	134000		
		6	4.60	4.53	4.67	138000		
		7	5.10	5.03	5.17	155000		
		8	5.43	5.36	5.50	138000		
	2	1	2.53	2.44	2.58	81700	110000	
		2	2.86	2.78	2.92	128000		
		3	3.06	2.98	3.12	135000		
		4	3.33	3.25	3.39	129000		
		5	3.48	3.40	3.54	123000		
		6	3.69	3.62	3.76	73100		
		7	3.92	3.85	3.99	127000		
		8	4.66	4.60	4.74	101000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SI-E (15.5-16) Lab Sample ID: 460-24277-13

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 20:56 Date Analyzed (2): 03/31/2011 20:56

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	3.64	3.56	3.70	1290	670	19.5
		2	4.19	4.11	4.25	1190		
		4	4.60	4.53	4.67	432		
		5	4.94	4.87	5.01	473		
		6	5.10	5.03	5.17	536		
		7	5.43	5.36	5.50	358		
		8	5.48	5.41	5.55	375		
	2	1	2.86	2.78	2.92	1120	810	
		2	3.33	3.25	3.39	1030		
		3	3.54	3.46	3.60	1420		
		4	3.69	3.62	3.76	445		
		5	3.93	3.85	3.99	433		
		6	4.05	3.95	4.09	957		
		7	4.31	4.24	4.38	532		
		8	4.66	4.59	4.73	537		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SD-E (23.5-24) Lab Sample ID: 460-24277-14

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 21:12 Date Analyzed (2): 03/31/2011 21:12

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	355	330	3.1
		2	3.64	3.56	3.70	380		
		3	3.93	3.85	3.99	370		
		4	4.19	4.11	4.25	322		
		5	4.36	4.28	4.42	303		
		6	4.60	4.53	4.67	340		
		7	5.10	5.03	5.17	323		
		8	5.43	5.36	5.50	237		
	2	1	2.53	2.44	2.58	338	320	
		2	2.86	2.78	2.92	347		
		3	3.06	2.98	3.12	388		
		4	3.33	3.25	3.39	284		
		5	3.48	3.40	3.54	264		
		6	3.70	3.62	3.76	300		
		7	3.93	3.85	3.99	279		
		8	4.66	4.60	4.74	350		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) Lab Sample ID: 460-24277-15

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 21:28 Date Analyzed (2): 03/31/2011 21:28

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	2	3.64	3.56	3.70	37.9	32	3.4
		3	3.93	3.85	3.99	27.0		
		4	4.19	4.11	4.25	32.4		
		5	4.35	4.28	4.42	34.9		
		6	4.60	4.53	4.67	30.1		
		7	5.10	5.03	5.17	28.8		
		8	5.43	5.36	5.50	32.0		
	2	1	2.56	2.44	2.58	43.8	31	
		2	2.86	2.78	2.92	31.3		
		3	3.06	2.98	3.12	23.8		
		4	3.33	3.25	3.39	26.4		
		5	3.48	3.40	3.54	28.3		
		6	3.69	3.62	3.76	27.5		
		7	3.92	3.85	3.99	21.7		
		8	4.66	4.60	4.74	43.6		
Aroclor 1260	1	1	6.65	6.59	6.73	42.7	34	2.4
		2	7.01	6.95	7.09	29.6		
		3	7.71	7.64	7.78	31.5		
		4	7.92	7.85	7.99	33.7		
		5	8.04	7.98	8.12	23.9		
		6	8.61	8.55	8.69	37.2		
		7	9.59	9.52	9.66	37.3		
		8	10.21	10.14	10.28	36.3		
	2	1	5.36	5.29	5.43	40.9	35	
		2	5.70	5.63	5.77	34.7		
		3	6.06	5.99	6.13	36.8		
		4	6.21	6.14	6.28	41.3		
		5	6.55	6.49	6.63	40.2		
		6	7.60	7.53	7.67	21.5		
		7	7.77	7.70	7.84	29.5		
		8	8.95	8.89	9.03	33.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-WT-E (8.0-8.5) Lab Sample ID: 460-24277-16

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 04:27 Date Analyzed (2): 04/01/2011 04:27

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	4	4.60	4.53	4.67	162000	190000	15.9
		5	4.94	4.87	5.01	206000		
		6	5.10	5.03	5.17	214000		
		7	5.43	5.36	5.50	162000		
		8	5.48	5.41	5.55	200000		
	2	4	3.69	3.62	3.76	174000	220000	
		5	3.92	3.85	3.99	176000		
		6	4.05	3.95	4.09	259000		
		7	4.30	4.24	4.38	248000		
		8	4.66	4.59	4.73	250000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-SI-E (10.5-11.0) Lab Sample ID: 460-24277-17

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 02:48 Date Analyzed (2): 04/01/2011 02:48

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	6800	7300	9.4
		2	3.64	3.56	3.70	7350		
		3	3.93	3.85	3.99	6820		
		4	4.19	4.11	4.25	7270		
		5	4.36	4.28	4.42	7660		
		6	4.60	4.53	4.67	7290		
		7	5.10	5.03	5.17	7670		
		8	5.43	5.36	5.50	7380		
	2	1	2.52	2.44	2.58	6420	6600	
		2	2.86	2.78	2.92	6770		
		3	3.06	2.98	3.12	6730		
		4	3.33	3.25	3.39	6710		
		5	3.48	3.40	3.54	6930		
		6	3.69	3.62	3.76	6670		
		7	3.92	3.85	3.99	6700		
		8	4.66	4.60	4.74	6080		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15VD-E (3.5-4) Lab Sample ID: 460-24277-18

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 22:17 Date Analyzed (2): 03/31/2011 22:17

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	222	320	8.7
		2	3.64	3.56	3.70	261		
		3	3.93	3.85	3.99	248		
		4	4.18	4.11	4.25	273		
		5	4.35	4.28	4.42	283		
		6	4.60	4.53	4.67	459		
		7	5.10	5.03	5.17	408		
		8	5.43	5.36	5.50	411		
	2	1	2.53	2.44	2.58	206	290	
		2	2.86	2.78	2.92	232		
		3	3.06	2.98	3.12	228		
		4	3.33	3.25	3.39	237		
		5	3.48	3.40	3.54	245		
		6	3.69	3.62	3.76	377		
		7	3.92	3.85	3.99	287		
		8	4.66	4.60	4.74	540		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-WT-E (7.5-8) Lab Sample ID: 460-24277-19

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 03:04 Date Analyzed (2): 04/01/2011 03:04

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	286000	330000	11.8
		2	3.64	3.56	3.70	345000		
		3	3.93	3.85	3.99	333000		
		4	4.19	4.11	4.25	347000		
		5	4.35	4.28	4.42	347000		
		6	4.60	4.53	4.67	336000		
		8	5.43	5.36	5.50	344000		
	2	1	2.52	2.44	2.58	260000	300000	
		2	2.86	2.78	2.92	323000		
		3	3.06	2.98	3.12	339000		
		4	3.33	3.25	3.39	332000		
		5	3.48	3.40	3.54	330000		
		6	3.69	3.62	3.76	168000		
		7	3.92	3.85	3.99	325000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SI-E (15.5-16) Lab Sample ID: 460-24277-20

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 03:21 Date Analyzed (2): 04/01/2011 03:21

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	1980	2500	1.5
		2	3.64	3.56	3.70	2410		
		3	3.93	3.85	3.99	2430		
		4	4.19	4.11	4.25	2500		
		5	4.36	4.28	4.42	2560		
		6	4.60	4.53	4.67	2490		
		7	5.10	5.03	5.17	2850		
		8	5.43	5.36	5.50	2500		
	2	1	2.52	2.44	2.58	1820	2400	
		2	2.86	2.78	2.92	2280		
		3	3.06	2.98	3.12	2390		
		4	3.33	3.25	3.39	2500		
		5	3.48	3.40	3.54	2300		
		6	3.69	3.62	3.76	2310		
		7	3.92	3.85	3.99	2320		
		8	4.66	4.60	4.74	3520		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SD-E (23.5-24.0) Lab Sample ID: 460-24277-21

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/31/2011 15:37 Date Analyzed (2): 03/31/2011 15:37

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	1.56	1.50	1.64	106	74	22.1
		2	1.93	1.87	2.01	79.5		
		3	2.15	2.09	2.23	101		
		4	2.40	2.33	2.47	72.2		
		5	2.54	2.47	2.61	63.6		
		6	2.66	2.59	2.73	65.3		
		7	3.10	3.03	3.17	57.2		
		8	3.27	3.21	3.35	47.0		
	2	1	1.21	1.14	1.28	108	59	
		2	1.46	1.39	1.53	78.2		
		3	1.60	1.54	1.68	78.8		
		4	1.82	1.76	1.90	57.6		
		5	1.95	1.88	2.02	46.6		
		6	2.13	2.07	2.21	36.0		
		7	2.33	2.26	2.40	36.2		
		8	2.78	2.72	2.86	32.7		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-VD-E (3-5) Lab Sample ID: 460-24277-22

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/31/2011 23:19 Date Analyzed (2): 03/31/2011 23:19

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	1.95	1.86	2.00	389000	210000	13.1
		2	2.41	2.33	2.47	281000		
		3	2.56	2.47	2.61	271000		
		4	2.67	2.60	2.74	226000		
		5	3.12	3.03	3.17	143000		
		6	3.30	3.20	3.34	132000		
		7	3.64	3.55	3.69	125000		
		8	3.85	3.75	3.89	114000		
	2	1	1.46	1.39	1.53	334000	240000	
		2	1.61	1.53	1.67	506000		
		3	1.83	1.75	1.89	283000		
		4	2.14	2.06	2.20	132000		
		5	2.34	2.26	2.40	139000		
		6	2.43	2.35	2.49	152000		
		7	2.79	2.71	2.85	116000		
		8	3.02	2.95	3.09	255000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-WT-E (8-8.5) Lab Sample ID: 460-24277-23

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/31/2011 23:35 Date Analyzed (2): 03/31/2011 23:35

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	2	2.40	2.33	2.47	80000	52000	3.1
		3	2.54	2.47	2.61	76900		
		4	2.66	2.60	2.74	69400		
		5	3.10	3.03	3.17	25200		
		6	3.28	3.20	3.34	37800		
		7	3.62	3.55	3.69	38200		
		8	3.83	3.75	3.89	35600		
	2	1	1.46	1.39	1.53	92000	53000	
		3	1.82	1.75	1.89	79100		
		4	2.13	2.06	2.20	33700		
		5	2.33	2.26	2.40	36000		
		6	2.43	2.35	2.49	40100		
		7	2.78	2.71	2.85	29500		
		8	3.01	2.95	3.09	63900		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI1-E (11-13) Lab Sample ID: 460-24277-24

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/31/2011 23:51 Date Analyzed (2): 03/31/2011 23:51

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	2	2.40	2.33	2.47	9120	5900	9.5
		3	2.54	2.47	2.61	9020		
		4	2.65	2.60	2.74	8160		
		5	3.10	3.03	3.17	3030		
		6	3.27	3.20	3.34	4090		
		7	3.62	3.55	3.69	3870		
		8	3.82	3.75	3.89	3720		
	2	3	1.82	1.75	1.89	9100	5300	
		4	2.13	2.06	2.20	3730		
		5	2.33	2.26	2.40	4040		
		6	2.43	2.35	2.49	4560		
		7	2.78	2.71	2.85	3300		
		8	3.01	2.95	3.09	7240		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI2-E (15-17) Lab Sample ID: 460-24277-25

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/31/2011 16:44 Date Analyzed (2): 03/31/2011 16:44

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	1.93	1.86	2.00	213	110	18.4
		2	2.40	2.33	2.47	166		
		3	2.54	2.47	2.61	140		
		4	2.66	2.60	2.74	100		
		5	3.10	3.03	3.17	73.5		
		6	3.27	3.20	3.34	67.3		
		7	3.61	3.55	3.69	32.6		
		8	3.82	3.75	3.89	49.8		
	2	1	1.46	1.39	1.53	174	130	
		2	1.61	1.53	1.67	259		
		3	1.82	1.75	1.89	170		
		4	2.13	2.06	2.20	75.5		
		5	2.33	2.26	2.40	76.1		
		6	2.42	2.35	2.49	77.6		
		7	2.78	2.71	2.85	63.2		
		8	3.01	2.95	3.09	117		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-WT-E (8-8.5) Lab Sample ID: 460-24277-27

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 04/01/2011 00:07 Date Analyzed (2): 04/01/2011 00:07

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	1.56	1.50	1.64	173000	170000	3.8
		2	1.93	1.87	2.01	169000		
		5	2.54	2.47	2.61	180000		
		6	2.65	2.59	2.73	179000		
		7	3.10	3.03	3.17	137000		
	2	1	1.21	1.14	1.28	168000	170000	
		2	1.46	1.39	1.53	176000		
		3	1.60	1.54	1.68	176000		
		4	1.82	1.76	1.90	184000		
		5	1.94	1.88	2.02	179000		
		6	2.13	2.07	2.21	168000		
		7	2.33	2.26	2.40	175000		
		8	2.78	2.72	2.86	169000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-SI-E (10.5-11.0) Lab Sample ID: 460-24277-28

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 04/01/2011 00:23 Date Analyzed (2): 04/01/2011 00:23

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	1.57	1.50	1.64	17300	18000	0.7
		2	1.94	1.87	2.01	16500		
		3	2.16	2.09	2.23	20000		
		4	2.40	2.33	2.47	18700		
		5	2.54	2.47	2.61	18700		
		7	3.10	3.03	3.17	14000		
	2	1	1.21	1.14	1.28	16600	17000	
		2	1.46	1.39	1.53	17400		
		3	1.61	1.54	1.68	18000		
		4	1.82	1.76	1.90	18100		
		5	1.95	1.88	2.02	18100		
		6	2.13	2.07	2.21	16800		
		7	2.33	2.26	2.40	17500		
		8	2.78	2.72	2.86	17100		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-VD-E (3.5-4) Lab Sample ID: 460-24277-29

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/02/2011 00:06 Date Analyzed (2): 04/02/2011 00:06

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	3.66	3.56	3.70	2520	2200	4.5
		2	4.21	4.11	4.25	1310		
		3	4.42	4.41	4.55	1290		
		4	4.62	4.53	4.67	2550		
		5	4.96	4.87	5.01	2810		
		6	5.12	5.03	5.17	2630		
		7	5.45	5.36	5.50	2030		
		8	5.50	5.41	5.55	2710		
	2	1	2.87	2.78	2.92	2080	2100	
		2	3.34	3.25	3.39	987		
		3	3.50	3.46	3.60	2550		
		4	3.70	3.62	3.76	2590		
		5	3.93	3.85	3.99	2780		
		6	4.02	3.95	4.09	2560		
		7	4.36	4.24	4.38	1720		
		8	4.67	4.59	4.73	1820		
Aroclor 1260	1	1	6.67	6.58	6.72	872	700	8.8
		2	7.03	6.94	7.08	718		
		3	7.73	7.64	7.78	649		
		4	7.94	7.85	7.99	704		
		5	8.07	7.97	8.11	634		
		6	8.64	8.54	8.68	660		
		7	9.60	9.52	9.66	660		
		8	10.21	10.13	10.27	675		
	2	1	5.36	5.29	5.43	773	640	
		2	5.71	5.63	5.77	655		
		3	6.06	5.98	6.12	608		
		4	6.21	6.13	6.27	714		
		5	6.56	6.49	6.63	642		
		6	7.61	7.53	7.67	477		
		7	7.78	7.70	7.84	602		
		8	8.96	8.89	9.03	633		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-WT-E (8-8.5) Lab Sample ID: 460-24277-30

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/02/2011 00:22 Date Analyzed (2): 04/02/2011 00:22

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	25500	31000	6.5
		2	3.64	3.56	3.70	31300		
		3	3.93	3.85	3.99	33200		
		4	4.19	4.11	4.25	32100		
		5	4.36	4.28	4.42	31900		
		6	4.60	4.53	4.67	31000		
		7	5.10	5.03	5.17	33300		
		8	5.43	5.36	5.50	32600		
	2	1	2.53	2.44	2.58	23600	29000	
		2	2.86	2.78	2.92	30100		
		3	3.06	2.98	3.12	31300		
		4	3.33	3.25	3.39	32900		
		5	3.48	3.40	3.54	29700		
		6	3.69	3.62	3.76	28700		
		7	3.93	3.85	3.99	29500		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) Lab Sample ID: 460-24277-31

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/02/2011 05:03 Date Analyzed (2): 04/02/2011 05:03

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	22600	25000	1.6
		2	3.64	3.56	3.70	24800		
		3	3.92	3.85	3.99	24500		
		4	4.18	4.11	4.25	25400		
		5	4.35	4.28	4.42	25800		
		6	4.60	4.53	4.67	24700		
		7	5.10	5.03	5.17	25900		
		8	5.43	5.36	5.50	25600		
	2	1	2.53	2.44	2.58	20600	25000	
		2	2.86	2.78	2.92	24000		
		3	3.06	2.98	3.12	24800		
		4	3.33	3.25	3.39	26000		
		5	3.48	3.40	3.54	23800		
		6	3.69	3.62	3.76	23500		
		7	3.92	3.85	3.99	23700		
		8	4.66	4.60	4.74	36000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68886/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 10:58 Date Analyzed (2): 03/31/2011 10:58

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	3.17	3.10	3.24	406	423	5.9
		2	3.64	3.57	3.71	406		
		3	3.93	3.86	4.00	427		
		4	4.19	4.11	4.25	413		
		5	4.36	4.28	4.42	437		
		6	4.66	4.58	4.72	426		
		7	4.94	4.87	5.01	424		
		8	5.10	5.03	5.17	444		
	2	1	2.53	2.46	2.60	364	399	
		2	2.86	2.79	2.93	392		
		3	3.06	2.99	3.13	395		
		4	3.33	3.26	3.40	405		
		5	3.48	3.41	3.55	398		
		6	3.54	3.47	3.61	419		
		7	3.93	3.85	3.99	400		
		8	4.05	3.98	4.12	418		
Aroclor 1260	1	1	6.65	6.58	6.72	399	405	8.5
		2	7.01	6.94	7.08	400		
		3	7.71	7.64	7.78	385		
		4	7.92	7.85	7.99	401		
		5	8.04	7.97	8.11	399		
		6	8.62	8.54	8.68	398		
		7	9.59	9.52	9.66	430		
		8	10.21	10.14	10.28	429		
	2	1	5.36	5.29	5.43	381	372	
		2	5.70	5.63	5.77	380		
		3	6.06	5.99	6.13	370		
		4	6.21	6.14	6.28	397		
		5	6.56	6.49	6.63	373		
		6	7.60	7.53	7.67	306		
		7	7.77	7.70	7.84	403		
		8	8.96	8.89	9.03	367		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68889/2-A

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/31/2011 14:49 Date Analyzed (2): 03/31/2011 14:49

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	1.57	1.50	1.64	302	306	4.9
		2	1.94	1.87	2.01	269		
		3	2.16	2.09	2.23	293		
		4	2.40	2.33	2.47	328		
		5	2.54	2.47	2.61	321		
		6	2.66	2.59	2.73	314		
		7	3.10	3.03	3.17	311		
		8	3.27	3.21	3.35	308		
	2	1	1.21	1.14	1.28	290	321	
		2	1.46	1.39	1.53	305		
		3	1.61	1.54	1.68	310		
		4	1.83	1.76	1.90	323		
		5	1.95	1.88	2.02	332		
		6	2.13	2.07	2.21	334		
		7	2.33	2.26	2.40	331		
		8	2.72	2.65	2.79	344		
Aroclor 1260	1	1	5.48	5.42	5.56	307	296	4.4
		2	5.88	5.82	5.96	303		
		3	6.54	6.48	6.62	305		
		4	6.75	6.69	6.83	304		
		5	6.87	6.80	6.94	290		
		6	7.41	7.35	7.49	298		
		7	8.93	8.87	9.01	296		
		8	9.74	9.67	9.81	269		
	2	1	3.96	3.89	4.03	304	310	
		2	4.52	4.45	4.59	299		
		3	5.03	4.97	5.11	296		
		4	5.25	5.18	5.32	305		
		5	5.67	5.61	5.75	383		
		6	6.78	6.72	6.86	298		
		7	6.96	6.90	7.04	293		
		8	8.34	8.28	8.42	300		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24337-A-13-A MS

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/31/2011 15:05 Date Analyzed (2): 03/31/2011 15:05

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	1.57	1.50	1.64	2130	2210	0.3
		2	1.94	1.87	2.01	2110		
		3	2.16	2.09	2.23	2140		
		4	2.40	2.33	2.47	2230		
		5	2.54	2.47	2.61	2250		
		6	2.66	2.59	2.73	2290		
		7	3.10	3.03	3.17	2300		
		8	3.27	3.21	3.35	2240		
	2	1	1.21	1.14	1.28	1890	2220	
		2	1.46	1.39	1.53	2020		
		3	1.61	1.54	1.68	2220		
		4	1.83	1.76	1.90	2170		
		5	1.95	1.88	2.02	2240		
		6	2.13	2.07	2.21	2320		
		7	2.33	2.26	2.40	2350		
		8	2.72	2.65	2.79	2530		
Aroclor 1260	1	1	5.48	5.42	5.56	2270	2200	3.6
		2	5.88	5.82	5.96	2220		
		3	6.54	6.48	6.62	2290		
		4	6.75	6.69	6.83	2210		
		5	6.87	6.80	6.94	2200		
		6	7.41	7.35	7.49	2210		
		7	8.93	8.87	9.01	2140		
		8	9.74	9.67	9.81	2030		
	2	1	3.96	3.89	4.03	2150	2280	
		2	4.52	4.45	4.59	2190		
		3	5.03	4.97	5.11	2230		
		4	5.25	5.18	5.32	2150		
		5	5.67	5.61	5.75	2750		
		6	6.77	6.72	6.86	2310		
		7	6.96	6.90	7.04	1870		
		8	8.33	8.28	8.42	2560		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24337-A-13-B MSD

Instrument ID (1): PESTGC8 Instrument ID (2): PESTGC8

Date Analyzed (1): 03/31/2011 15:21 Date Analyzed (2): 03/31/2011 15:21

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	1.57	1.50	1.64	2080	2240	2.2
		2	1.94	1.87	2.01	2050		
		3	2.16	2.09	2.23	2090		
		4	2.40	2.33	2.47	2320		
		5	2.54	2.47	2.61	2270		
		6	2.66	2.59	2.73	2310		
		7	3.10	3.03	3.17	2380		
		8	3.28	3.21	3.35	2390		
	2	1	1.21	1.14	1.28	1790	2190	
		2	1.46	1.39	1.53	1950		
		3	1.61	1.54	1.68	2070		
		4	1.83	1.76	1.90	2190		
		5	1.95	1.88	2.02	2260		
		6	2.14	2.07	2.21	2300		
		7	2.33	2.26	2.40	2320		
		8	2.72	2.65	2.79	2630		
Aroclor 1260	1	1	5.48	5.42	5.56	2370	2200	3.1
		2	5.88	5.82	5.96	2240		
		3	6.54	6.48	6.62	2290		
		4	6.75	6.69	6.83	2210		
		5	6.87	6.80	6.94	2110		
		6	7.41	7.35	7.49	2130		
		7	8.93	8.87	9.01	2200		
		8	9.74	9.67	9.81	2030		
	2	1	3.96	3.89	4.03	2170	2270	
		2	4.52	4.45	4.59	2200		
		3	5.03	4.97	5.11	2250		
		4	5.25	5.18	5.32	2160		
		5	5.67	5.61	5.75	2650		
		6	6.77	6.72	6.86	2350		
		7	6.96	6.90	7.04	1970		
		8	8.34	8.28	8.42	2370		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-69030/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 11:00 Date Analyzed (2): 04/01/2011 11:00

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	3.17	3.10	3.24	392	409	6.1
		2	3.64	3.57	3.71	398		
		3	3.93	3.85	3.99	395		
		4	4.19	4.11	4.25	401		
		5	4.36	4.28	4.42	407		
		6	4.66	4.58	4.72	435		
		7	4.94	4.87	5.01	438		
		8	5.10	5.03	5.17	405		
	2	1	2.52	2.45	2.59	354	385	
		2	2.86	2.79	2.93	383		
		3	3.06	2.99	3.13	389		
		4	3.33	3.26	3.40	378		
		5	3.47	3.40	3.54	388		
		6	3.53	3.46	3.60	396		
		7	3.92	3.85	3.99	398		
		8	4.05	3.98	4.12	391		
Aroclor 1260	1	1	6.65	6.58	6.72	388	393	4.0
		2	7.02	6.94	7.08	390		
		3	7.71	7.64	7.78	381		
		4	7.92	7.85	7.99	394		
		5	8.05	7.97	8.11	392		
		6	8.62	8.54	8.68	390		
		7	9.60	9.52	9.66	402		
		8	10.21	10.13	10.27	409		
	2	1	5.36	5.29	5.43	385	378	
		2	5.70	5.63	5.77	383		
		3	6.05	5.98	6.12	380		
		4	6.21	6.13	6.27	395		
		5	6.56	6.49	6.63	380		
		6	7.60	7.53	7.67	326		
		7	7.77	7.70	7.84	401		
		8	8.96	8.89	9.03	369		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24281-A-31-A MS

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 11:17 Date Analyzed (2): 04/01/2011 11:17

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	3.17	3.10	3.24	518	554	7.1
		2	3.64	3.57	3.71	561		
		3	3.93	3.85	3.99	485		
		4	4.19	4.11	4.25	566		
		5	4.36	4.28	4.42	580		
		6	4.66	4.58	4.72	571		
		7	4.94	4.87	5.01	566		
		8	5.10	5.03	5.17	584		
	2	1	2.53	2.45	2.59	478	516	
		2	2.86	2.79	2.93	516		
		3	3.06	2.99	3.13	519		
		4	3.33	3.26	3.40	522		
		5	3.48	3.40	3.54	535		
		6	3.53	3.46	3.60	543		
		7	3.92	3.85	3.99	529		
		8	4.05	3.98	4.12	485		
Aroclor 1260	1	1	6.66	6.58	6.72	533	539	5.3
		2	7.01	6.94	7.08	533		
		3	7.71	7.64	7.78	537		
		4	7.92	7.85	7.99	537		
		5	8.05	7.97	8.11	530		
		6	8.62	8.54	8.68	534		
		7	9.60	9.52	9.66	539		
		8	10.21	10.13	10.27	566		
	2	1	5.36	5.29	5.43	512	511	
		2	5.70	5.63	5.77	515		
		3	6.05	5.98	6.12	515		
		4	6.21	6.13	6.27	531		
		5	6.56	6.49	6.63	518		
		6	7.60	7.53	7.67	456		
		7	7.77	7.70	7.84	534		
		8	8.95	8.89	9.03	505		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24281-A-31-B MSD

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 11:33 Date Analyzed (2): 04/01/2011 11:33

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	3.17	3.10	3.24	443	476	3.3
		2	3.64	3.57	3.71	466		
		3	3.93	3.85	3.99	441		
		4	4.19	4.11	4.25	489		
		5	4.36	4.28	4.42	502		
		6	4.66	4.58	4.72	470		
		7	4.94	4.87	5.01	488		
		8	5.10	5.03	5.17	505		
	2	1	2.52	2.45	2.59	423	460	
		2	2.86	2.79	2.93	452		
		3	3.06	2.99	3.13	457		
		4	3.33	3.26	3.40	488		
		5	3.48	3.40	3.54	461		
		6	3.53	3.46	3.60	466		
		7	3.92	3.85	3.99	467		
		8	4.05	3.98	4.12	464		
Aroclor 1260	1	1	6.66	6.58	6.72	467	476	7.9
		2	7.02	6.94	7.08	468		
		3	7.71	7.64	7.78	468		
		4	7.92	7.85	7.99	473		
		5	8.05	7.97	8.11	473		
		6	8.62	8.54	8.68	468		
		7	9.60	9.52	9.66	503		
		8	10.21	10.13	10.27	484		
	2	1	5.36	5.29	5.43	454	439	
		2	5.70	5.63	5.77	452		
		3	6.06	5.98	6.12	450		
		4	6.21	6.13	6.27	461		
		5	6.56	6.49	6.63	420		
		6	7.60	7.53	7.67	382		
		7	7.77	7.70	7.84	462		
		8	8.96	8.89	9.03	433		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) Lab Sample ID: 460-24277-1

Matrix: Solid Lab File ID: of171037.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:55

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 11:47

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	120		70	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/of171037.d
Lab Smp Id: 460-24277-F-1-C Client Smp ID: PMP-9-VD-E (3.5-4.0
Inj Date : 31-MAR-2011 11:47
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-1-C
Misc Info : 460-24277-F-1-C
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 78
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	4.36681	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.175	3.160	0.015	11910	138.698	96	80.00- 120.00	100.00(M)
3.643	3.633	0.010	33850	206.142	140	152.98- 229.47	284.21
3.930	3.922	0.008	15757	194.526	140	75.46- 113.20	132.30
4.188	4.180	0.008	35025	115.520	80	282.47- 423.70	294.08
4.353	4.350	0.003	16002	123.383	86	120.83- 181.24	134.36
4.605	4.598	0.007	16370	250.731	170	60.83- 91.24	137.45
5.102	5.097	0.005	22891	187.567	130	113.70- 170.55	192.20
5.430	5.425	0.005	11626	131.412	91	82.42- 123.63	97.62
Average of Peak Concentrations =					120		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.698	10.698	0.000	180129	60.7181	42	80.00- 120.00	100.00

QC Flag Legend

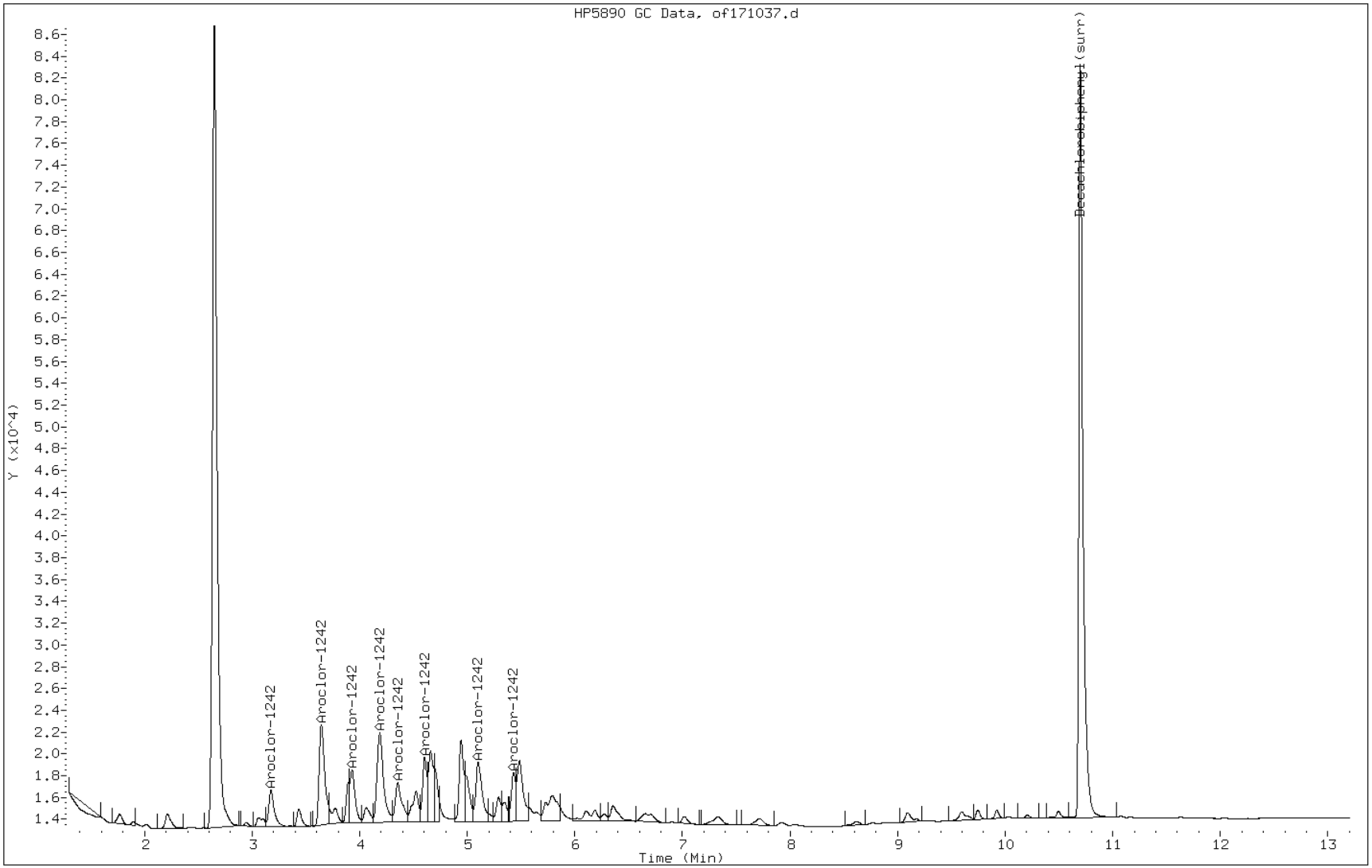
M - Compound response manually integrated.

Data File: of171037.d

Date: 31-MAR-2011 11:47

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: PESTGC7.i

Sample Info: 460-24277-F-1-C Operator: 615



Manual Integration Report

Data File: of171037.d
Inj. Date and Time: 31-MAR-2011 11:47
Instrument ID: PESTGC7.i
Client ID: PMP-9-VD-E (3.5-4.0
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

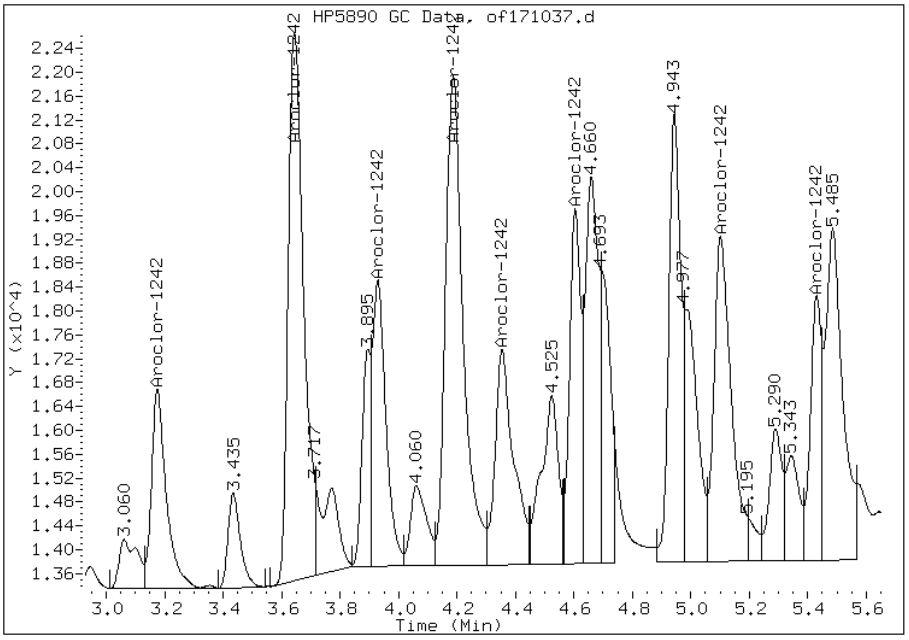
Manual Integration Results

RT: 3.17

Response: 11910

Amount: 168.50

Conc: 120.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) Lab Sample ID: 460-24277-1

Matrix: Solid Lab File ID: or171037.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:55

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 11:47

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	40
12672-29-6	Aroclor 1248	70	U	70	19
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.8
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		30-150

Data File: or171037.d
Report Date: 31-Mar-2011 17:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/or171037.d
Lab Smp Id: 460-24277-F-1-C Client Smp ID: PMP-9-VD-E (3.5-4.0
Inj Date : 31-MAR-2011 11:47
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-1-C
Misc Info : 460-24277-F-1-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/08Or8082.m
Meth Date : 31-Mar-2011 10:45 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 78
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	4.36681	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.530	2.512	0.018	11168	132.236	92	80.00- 120.00	100.00(H)
2.863	2.852	0.011	26170	191.672	130	129.33- 194.00	234.33
3.058	3.052	0.006	19055	195.820	140	92.18- 138.26	170.62
3.328	3.323	0.005	29005	103.587	72	265.24- 397.85	259.72
3.492	3.470	0.022	15048	148.905	100	95.73- 143.59	134.75
3.693	3.692	0.001	37805	197.909	140	180.95- 271.42	338.51
3.925	3.922	0.003	22000	193.376	130	107.77- 161.65	196.99
4.662	4.667	-0.005	14472	137.425	96	99.75- 149.63	129.59
Average of Peak Concentrations =					110		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.610	0.000	212020	57.1852	40	80.00- 120.00	100.00

Data File: or171037.d
Report Date: 31-Mar-2011 17:49

QC Flag Legend

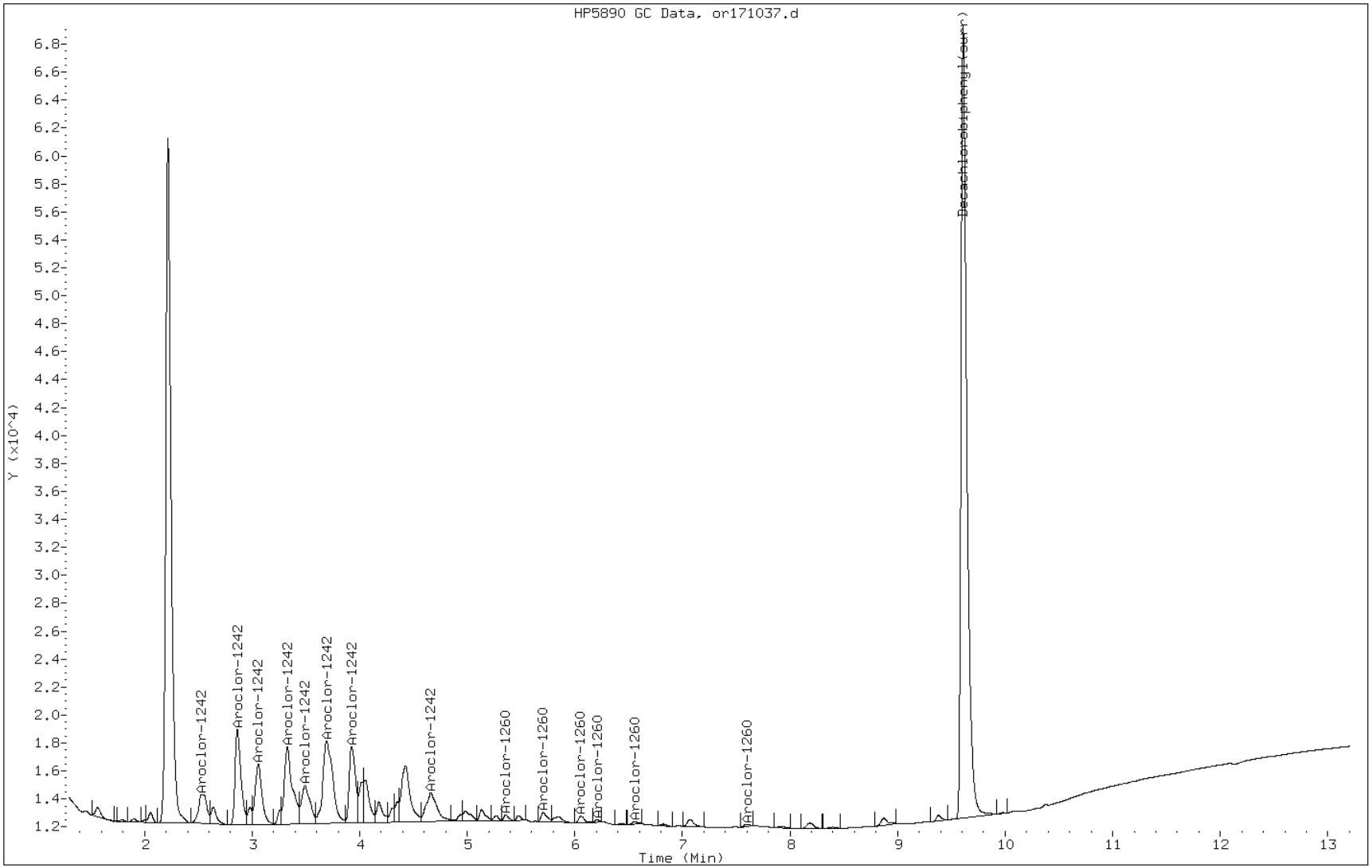
H - Operator selected an alternate compound hit.

Data File: or171037.d

Date: 31-MAR-2011 11:47

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: PESTGC7.i

Sample Info: 460-24277-F-1-C Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-WT-E (8-8.5) Lab Sample ID: 460-24277-2

Matrix: Solid Lab File ID: of171091.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:57

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 04:10

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of171091.d
Report Date: 01-Apr-2011 04:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/of171091.d
Lab Smp Id: 460-24277-F-2-A Client Smp ID: PMP-9-WT-E (8-8.5)
Inj Date : 01-APR-2011 04:10
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-2-A
Misc Info : 460-24277-F-2-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 47
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.50000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.640	3.630	0.010	0			80.00- 120.00	0.00(M)
4.185	4.178	0.007	0			180.49- 270.73	0.00
4.483	4.478	0.005	0			27.02- 40.53	0.00
4.600	4.597	0.003	116849	1039.67	79000	101.71- 152.56	38.74
4.940	4.938	0.002	177292	1186.67	90000	135.20- 202.80	58.78
5.098	5.095	0.003	265196	1420.39	110000	168.96- 253.44	87.92
5.427	5.425	0.002	165959	1048.20	80000	143.28- 214.92	55.02
5.483	5.482	0.001	327264	1359.89	100000	217.78- 326.67	108.49
Average of Peak Concentrations =					92000		

Data File: of171091.d
Report Date: 01-Apr-2011 04:41

QC Flag Legend

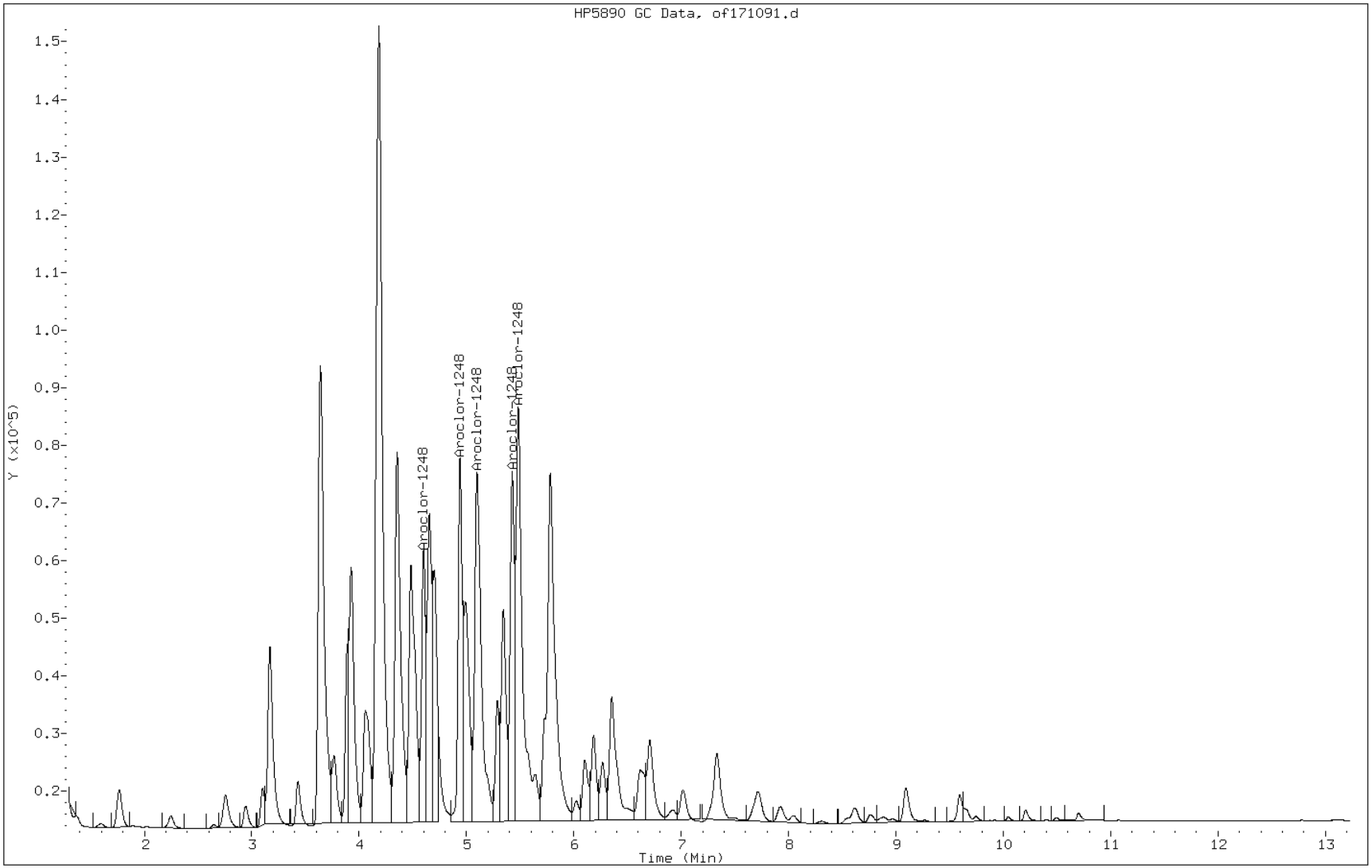
M - Compound response manually integrated.

Data File: of171091.d

Date: 01-APR-2011 04:10

Client ID: PMP-9-WT-E (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24277-F-2-A Operator: 615



Manual Integration Report

Data File: of171091.d
Inj. Date and Time: 01-APR-2011 04:10
Instrument ID: PESTGC7.i
Client ID: PMP-9-WT-E (8-8.5)
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.63

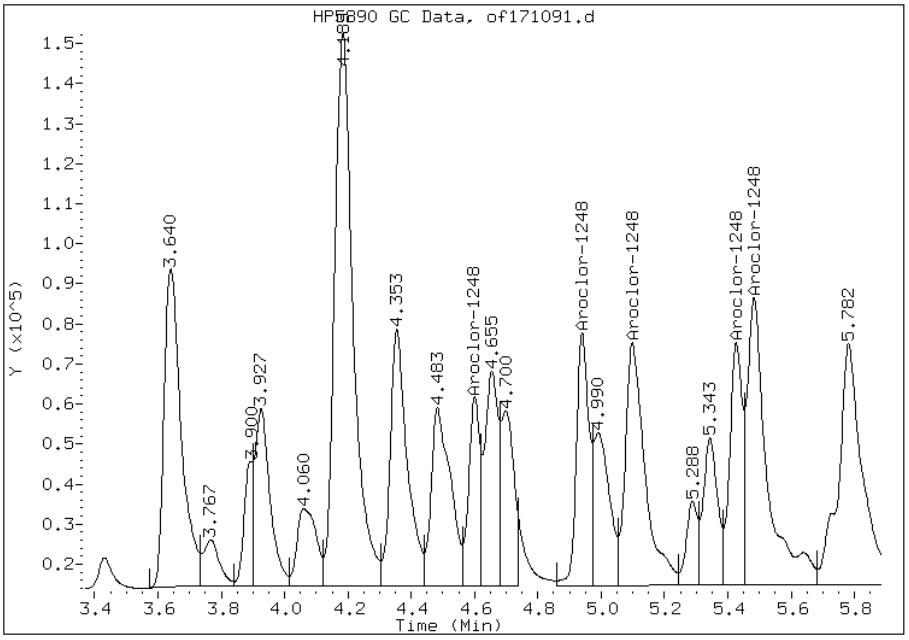
Manual Integration Results

RT: 3.64

Response: 0

Amount: 1210.96

Conc: 92000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-WT-E (8-8.5) | Lab Sample ID: 460-24277-2

Matrix: Solid | Lab File ID: or171091.d

Analysis Method: 8082 | Date Collected: 03/17/2011 13:57

Extraction Method: 3541 | Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) | Date Analyzed: 04/01/2011 04:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	7700	U	7700	1500
11104-28-2	Aroclor 1221	7700	U	7700	2300
11141-16-5	Aroclor 1232	7700	U	7700	4300
53469-21-9	Aroclor 1242	7700	U	7700	1500
12672-29-6	Aroclor 1248	110000		7700	2000
11097-69-1	Aroclor 1254	7700	U	7700	2600
11096-82-5	Aroclor 1260	7700	U	7700	850
37324-23-5	Aroclor 1262	7700	U	7700	1300
11100-14-4	Aroclor 1268	7700	U	7700	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/or171091.d
Lab Smp Id: 460-24277-F-2-A Client Smp ID: PMP-9-WT-E (8-8.5)
Inj Date : 01-APR-2011 04:10
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-2-A
Misc Info : 460-24277-F-2-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/08Or8082.m
Meth Date : 01-Apr-2011 04:25 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 47
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.50000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.858	2.850	0.008	0			80.00- 120.00	0.00(H)
3.325	3.322	0.003	0			198.64- 297.96	0.00
3.532	3.530	0.002	0			45.94- 68.91	0.00
3.690	3.688	0.002	339257	1141.18	87000	310.12- 465.18	140.40
3.922	3.920	0.002	202317	1164.41	89000	181.25- 271.88	83.73
4.047	4.015	0.032	0			96.19- 144.29	0.00
4.302	4.305	-0.003	119314	1631.00	120000	76.31- 114.47	49.38
4.658	4.663	-0.005	283055	1654.34	130000	178.49- 267.73	117.14

Average of Peak Concentrations = 110000

QC Flag Legend

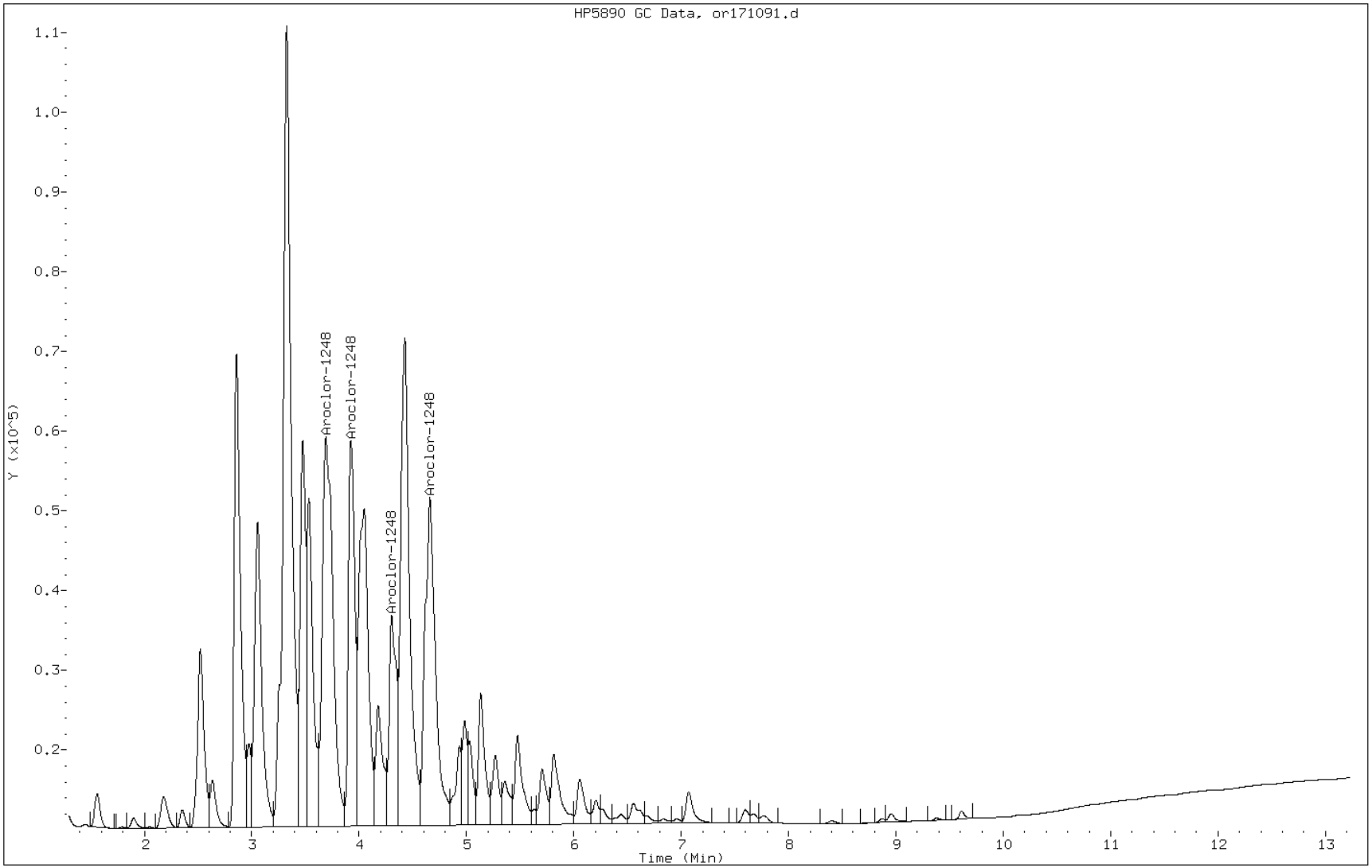
H - Operator selected an alternate compound hit.

Data File: or171091.d

Date: 01-APR-2011 04:10

Client ID: PMP-9-WT-E (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24277-F-2-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-SIE (10.5-11) Lab Sample ID: 460-24277-3

Matrix: Solid Lab File ID: of171057.d

Analysis Method: 8082 Date Collected: 03/17/2011 14:00

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 18:13

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	1700		75	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		30-150

Data File: of171057.d
Report Date: 01-Apr-2011 03:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/of171057.d
Lab Smp Id: 460-24277-F-3-A Client Smp ID: PMP-9-SIE (10.5-11)
Inj Date : 31-MAR-2011 18:13
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-3-A
Misc Info : 460-24277-F-3-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	11.17166	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.173	3.160	0.013	168917	1967.13	1500	80.00- 120.00	100.00(M)
3.643	3.633	0.010	367890	2240.41	1700	152.98- 229.47	217.79
3.928	3.922	0.006	161700	1996.26	1500	75.46- 113.20	95.73
4.188	4.180	0.008	740837	2443.44	1800	282.47- 423.70	438.58
4.357	4.350	0.007	0			120.83- 181.24	0.00
4.602	4.598	0.004	159267	2439.42	1800	60.83- 91.24	94.29
5.100	5.097	0.003	0			113.70- 170.55	0.00
5.428	5.425	0.003	0			82.42- 123.63	0.00
Average of Peak Concentrations =					1600		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	121682	41.0169	31	80.00- 120.00	100.00

Data File: of171057.d
Report Date: 01-Apr-2011 03:25

QC Flag Legend

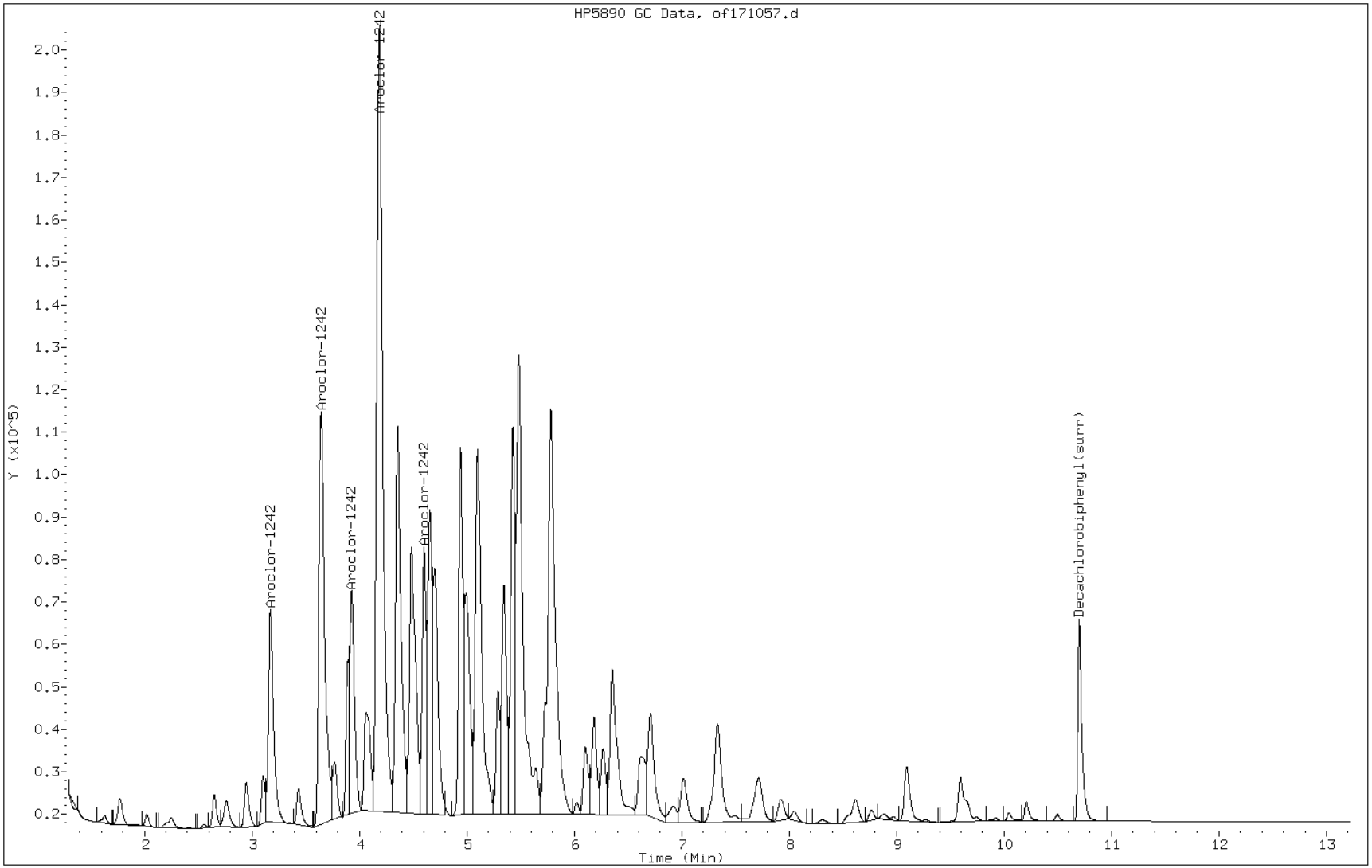
M - Compound response manually integrated.

Data File: of171057.d

Date: 31-MAR-2011 18:13

Client ID: PMP-9-SIE (10.5-11) Instrument: PESTGC7.i

Sample Info: 460-24277-F-3-A Operator: 615



Manual Integration Report

Data File: of171057.d
Inj. Date and Time: 31-MAR-2011 18:13
Instrument ID: PESTGC7.i
Client ID: PMP-9-SIE (10.5-11)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

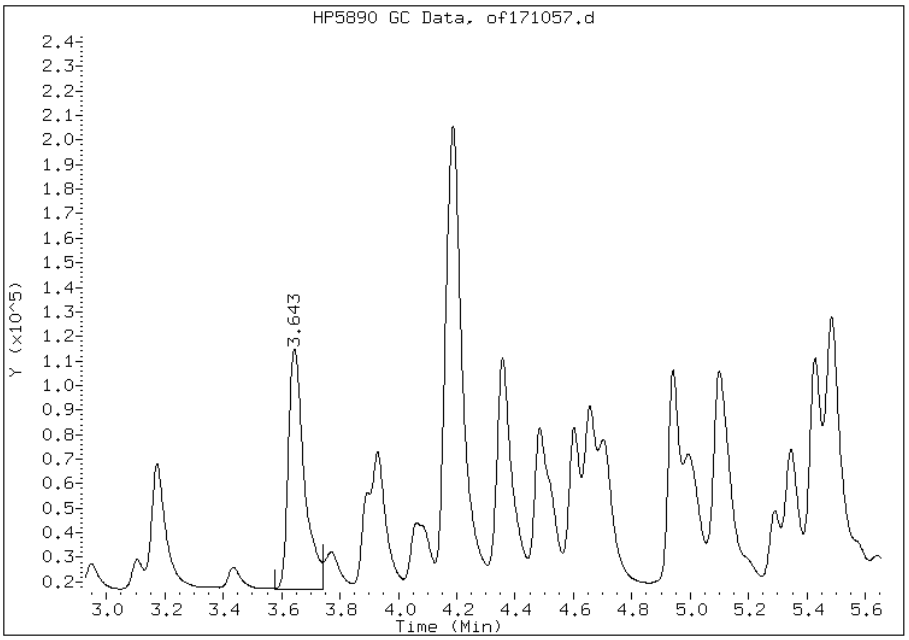
Processing Integration Results

RT: 3.64

Response: 376460

Amount: 2682.36

Conc: 2000.00



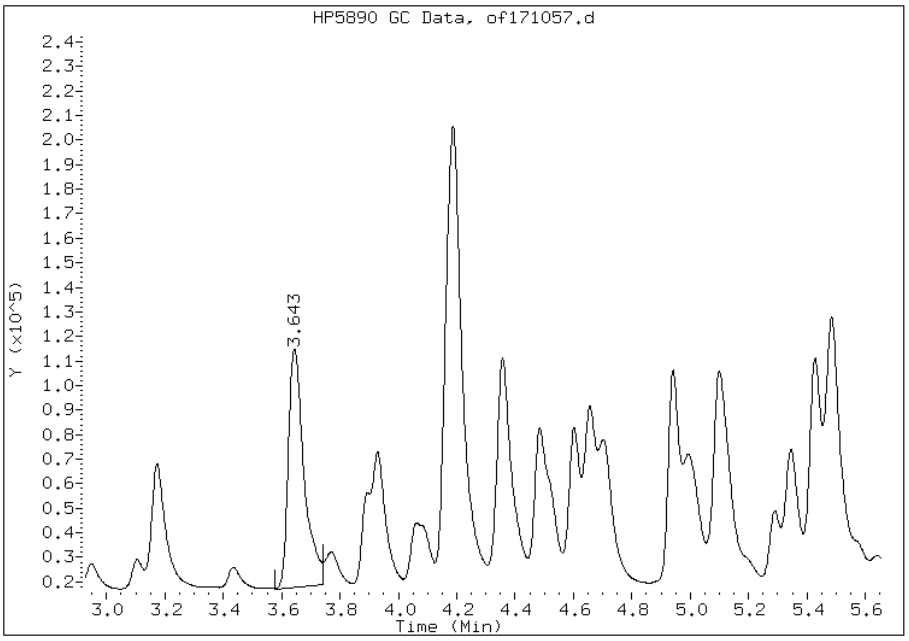
Manual Integration Results

RT: 3.64

Response: 367890

Amount: 2217.33

Conc: 1600.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-SIE (10.5-11) Lab Sample ID: 460-24277-3

Matrix: Solid Lab File ID: or171057.d

Analysis Method: 8082 Date Collected: 03/17/2011 14:00

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 18:13

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	75	U	75	14
11104-28-2	Aroclor 1221	75	U	75	23
11141-16-5	Aroclor 1232	75	U	75	43
12672-29-6	Aroclor 1248	75	U	75	20
11097-69-1	Aroclor 1254	75	U	75	26
11096-82-5	Aroclor 1260	75	U	75	8.4
37324-23-5	Aroclor 1262	75	U	75	13
11100-14-4	Aroclor 1268	75	U	75	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/or171057.d
Lab Smp Id: 460-24277-F-3-A Client Smp ID: PMP-9-SIE (10.5-11)
Inj Date : 31-MAR-2011 18:13
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-3-A
Misc Info : 460-24277-F-3-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	11.17166	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.527	2.512	0.015	161955	1917.65	1400	80.00- 120.00	100.00(M)
2.863	2.852	0.011	289360	2119.31	1600	129.33- 194.00	178.67
3.060	3.052	0.008	212566	2184.44	1600	92.18- 138.26	131.25
3.332	3.323	0.009	657457	2348.00	1800	265.24- 397.85	405.95
3.478	3.470	0.008	236131	2336.59	1700	95.73- 143.59	145.80
3.695	3.692	0.003	235588	1233.30	920	180.95- 271.42	145.47
3.925	3.922	0.003	264218	2322.43	1700	107.77- 161.65	163.14
4.662	4.667	-0.005	197906	1879.31	1400	99.75- 149.63	122.20
Average of Peak Concentrations =					1500		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.612	9.610	0.002	139241	37.5555	28	80.00- 120.00	100.00

QC Flag Legend

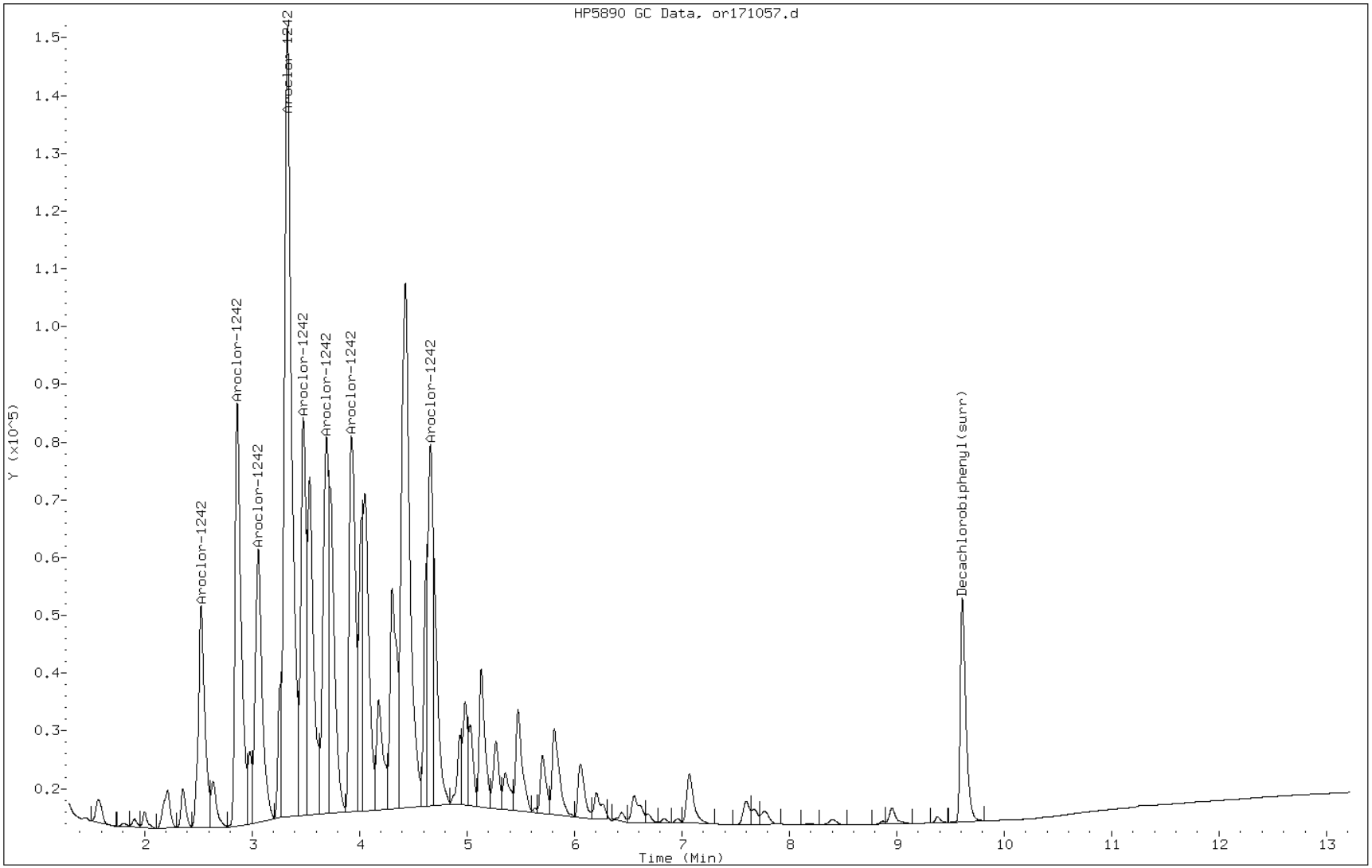
M - Compound response manually integrated.

Data File: or171057.d

Date: 31-MAR-2011 18:13

Client ID: PMP-9-SIE (10.5-11) Instrument: PESTGC7.i

Sample Info: 460-24277-F-3-A Operator: 615



Manual Integration Report

Data File: or171057.d
Inj. Date and Time: 31-MAR-2011 18:13
Instrument ID: PESTGC7.i
Client ID: PMP-9-SIE (10.5-11)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

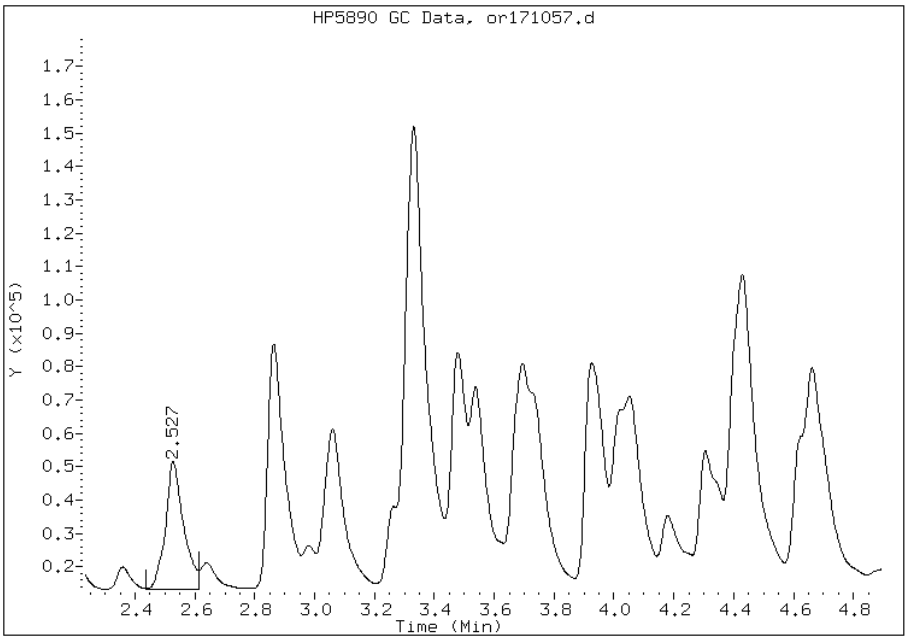
Processing Integration Results

RT: 2.53

Response: 160691

Amount: 2089.74

Conc: 1600.00



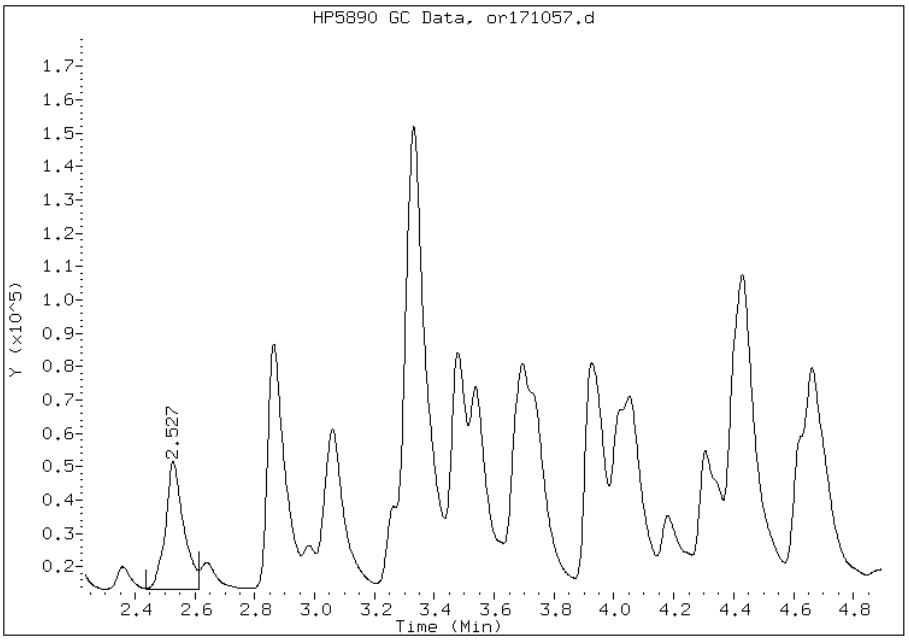
Manual Integration Results

RT: 2.53

Response: 161955

Amount: 2042.63

Conc: 1500.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (3.5-4) Lab Sample ID: 460-24277-4

Matrix: Solid Lab File ID: of171058.d

Analysis Method: 8082 Date Collected: 03/17/2011 00:00

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.03(g) Date Analyzed: 03/31/2011 18:30

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	85		70	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	138		30-150

Data File: of171058.d
Report Date: 01-Apr-2011 03:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/of171058.d
Lab Smp Id: 460-24277-F-4-A Client Smp ID: DUP-031711 (3.5-4)
Inj Date : 31-MAR-2011 18:30
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-4-A
Misc Info : 460-24277-F-4-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	3.83973	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.173	3.160	0.013	9470	110.295	76	80.00- 120.00	100.00(M)
3.643	3.633	0.010	20384	124.138	86	152.98- 229.47	215.23
3.937	3.922	0.015	10100	124.693	86	75.46- 113.20	106.65
4.188	4.180	0.008	36814	121.423	84	282.47- 423.70	388.71
4.357	4.350	0.007	16747	129.129	89	120.83- 181.24	176.83
4.605	4.598	0.007	7162	109.701	76	60.83- 91.24	75.62
5.102	5.097	0.005	14467	118.545	82	113.70- 170.55	152.76
5.430	5.425	0.005	13034	147.331	100	82.42- 123.63	137.62
Average of Peak Concentrations =					85		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.698	10.698	0.000	204853	69.0523	48	80.00- 120.00	100.00(M)

Data File: of171058.d
Report Date: 01-Apr-2011 03:26

QC Flag Legend

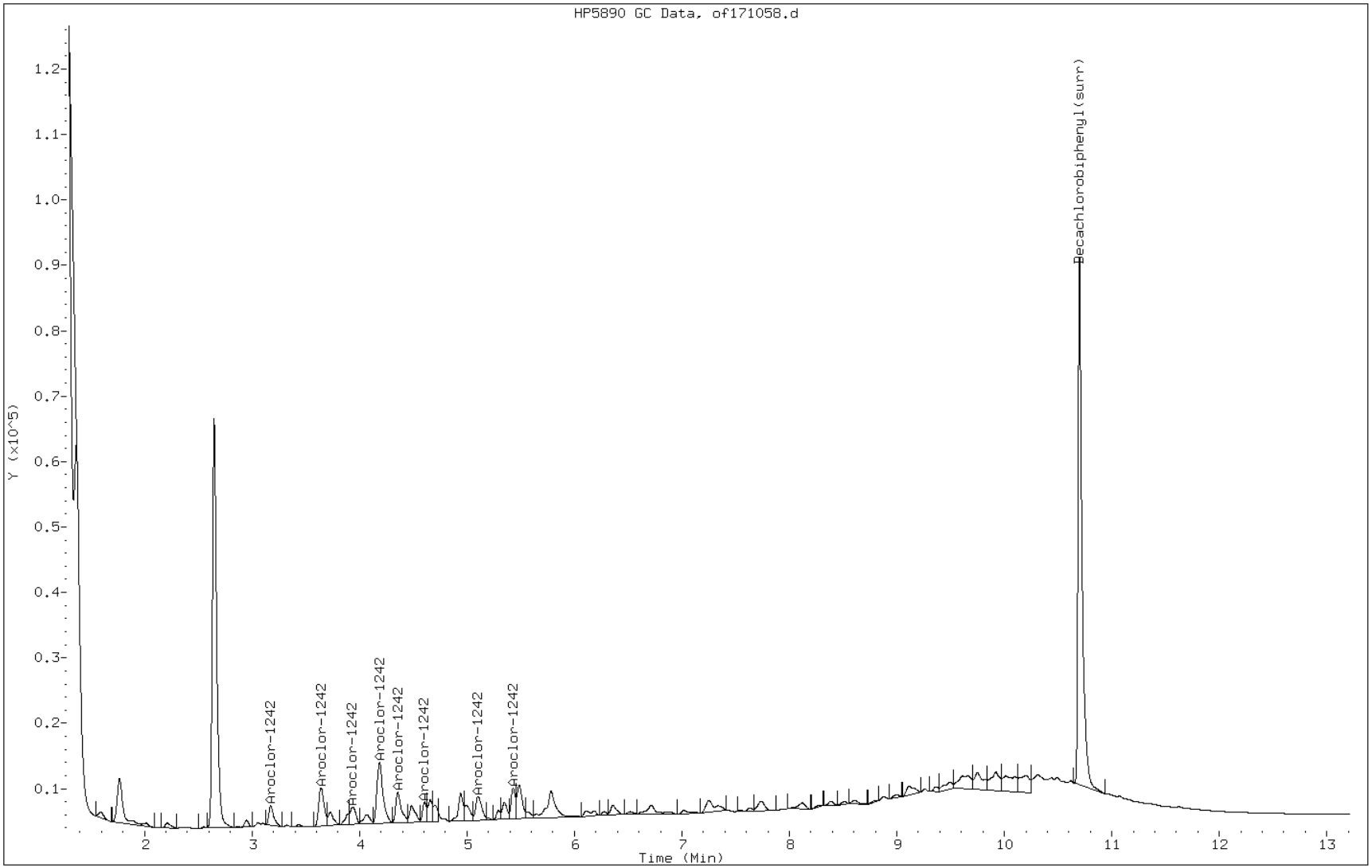
M - Compound response manually integrated.

Data File: of171058.d

Date: 31-MAR-2011 18:30

Client ID: DUP-031711 (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24277-F-4-A Operator: 615



Manual Integration Report

Data File: of171058.d
Inj. Date and Time: 31-MAR-2011 18:30
Instrument ID: PESTGC7.i
Client ID: DUP-031711 (3.5-4)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

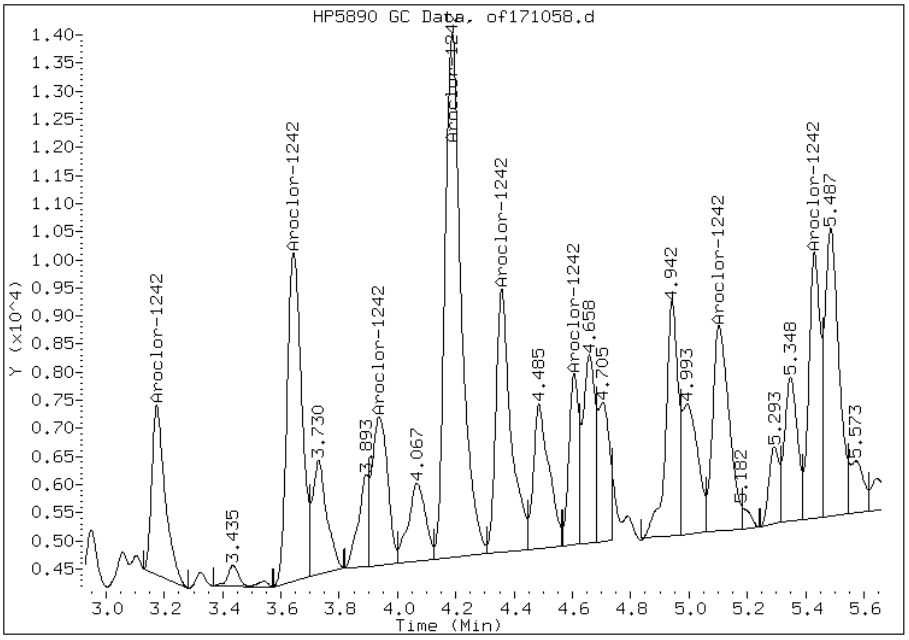
Manual Integration Results

RT: 3.17

Response: 9470

Amount: 123.16

Conc: 85.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171058.d
Inj. Date and Time: 31-MAR-2011 18:30
Instrument ID: PESTGC7.i
Client ID: DUP-031711 (3.5-4)
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 10.70

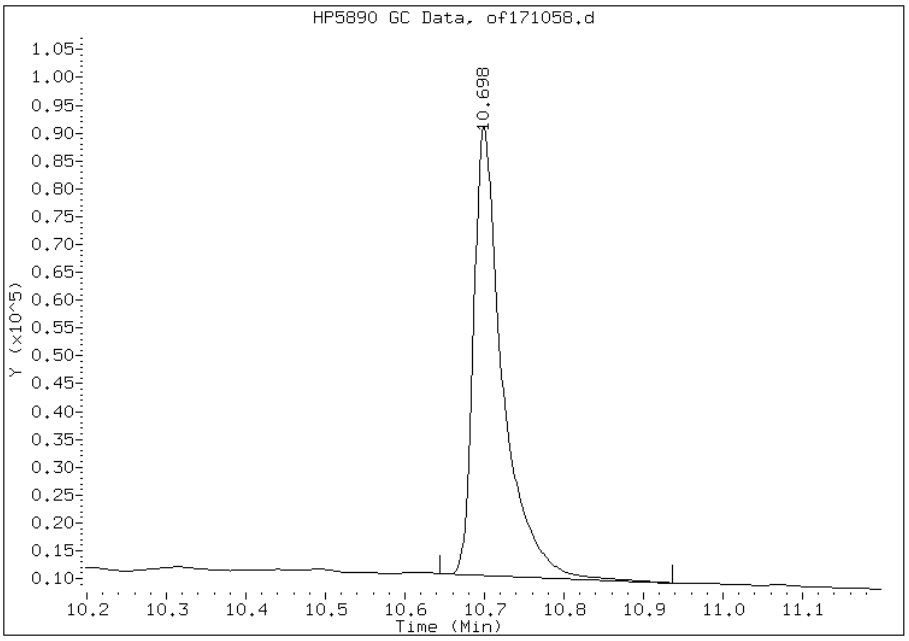
Manual Integration Results

RT: 10.70

Response: 204853

Amount: 69.05

Conc: 47.78



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (3.5-4) Lab Sample ID: 460-24277-4

Matrix: Solid Lab File ID: or171058.d

Analysis Method: 8082 Date Collected: 03/17/2011 00:00

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.03(g) Date Analyzed: 03/31/2011 18:30

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	39
12672-29-6	Aroclor 1248	70	U	70	18
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.8
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/or171058.d
Lab Smp Id: 460-24277-F-4-A Client Smp ID: DUP-031711 (3.5-4)
Inj Date : 31-MAR-2011 18:30
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-4-A
Misc Info : 460-24277-F-4-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	3.83973	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.528	2.512	0.016	11376	134.699	93	80.00- 120.00	100.00(M)
2.865	2.852	0.013	15846	116.058	80	129.33- 194.00	139.29
3.063	3.052	0.011	9161	94.1434	65	92.18- 138.26	80.53
3.335	3.323	0.012	31786	113.519	78	265.24- 397.85	279.41
3.478	3.470	0.008	9653	95.5194	66	95.73- 143.59	84.85
3.697	3.692	0.005	19181	100.413	69	180.95- 271.42	168.61
3.927	3.922	0.005	11263	98.9997	68	107.77- 161.65	99.01
4.662	4.667	-0.005	12422	117.959	82	99.75- 149.63	109.19
Average of Peak Concentrations =					75		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.610	0.000	239562	64.6137	45	80.00- 120.00	100.00(M)

QC Flag Legend

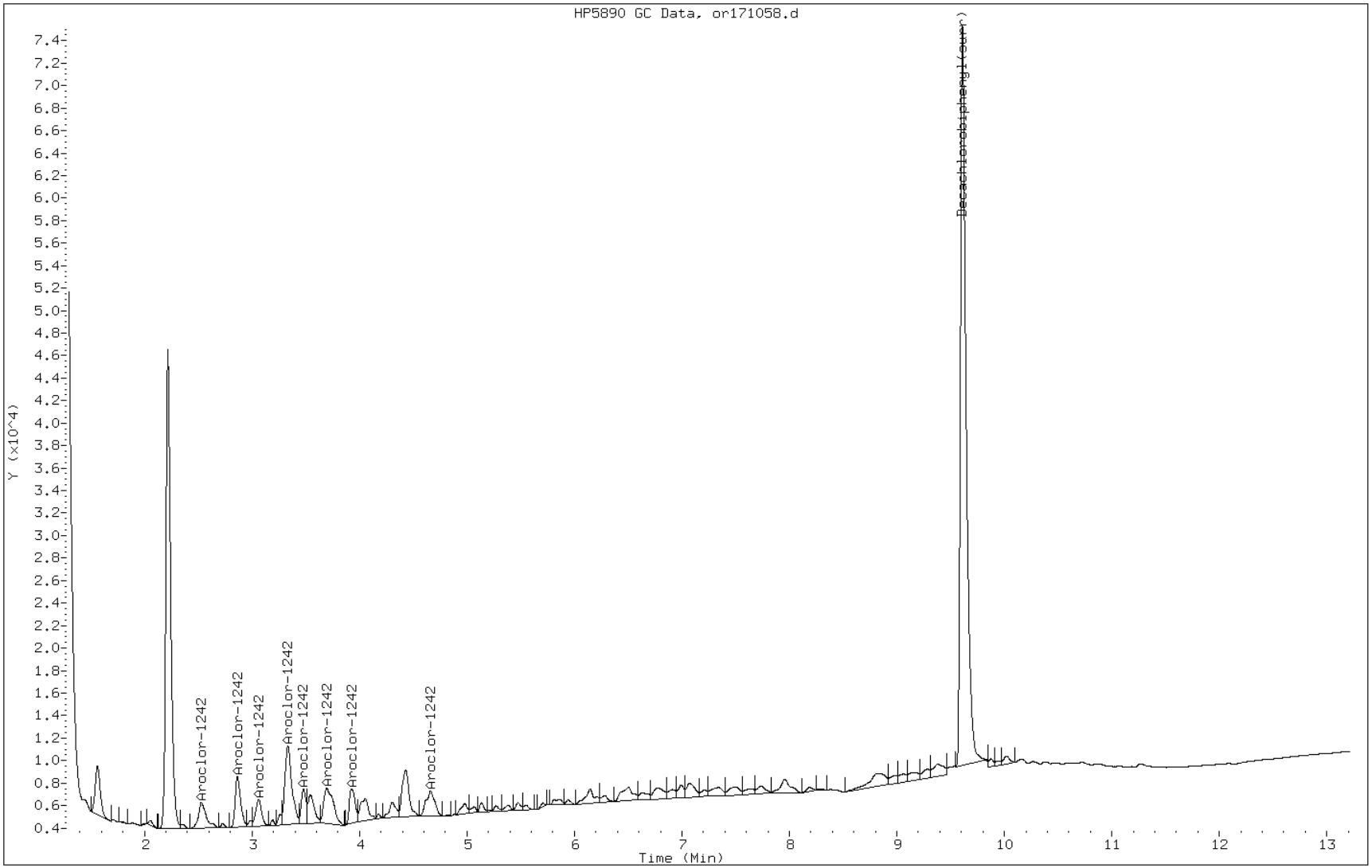
M - Compound response manually integrated.

Data File: or171058.d

Date: 31-MAR-2011 18:30

Client ID: DUP-031711 (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24277-F-4-A Operator: 615



Manual Integration Report

Data File: or171058.d
Inj. Date and Time: 31-MAR-2011 18:30
Instrument ID: PESTGC7.i
Client ID: DUP-031711 (3.5-4)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 2.51

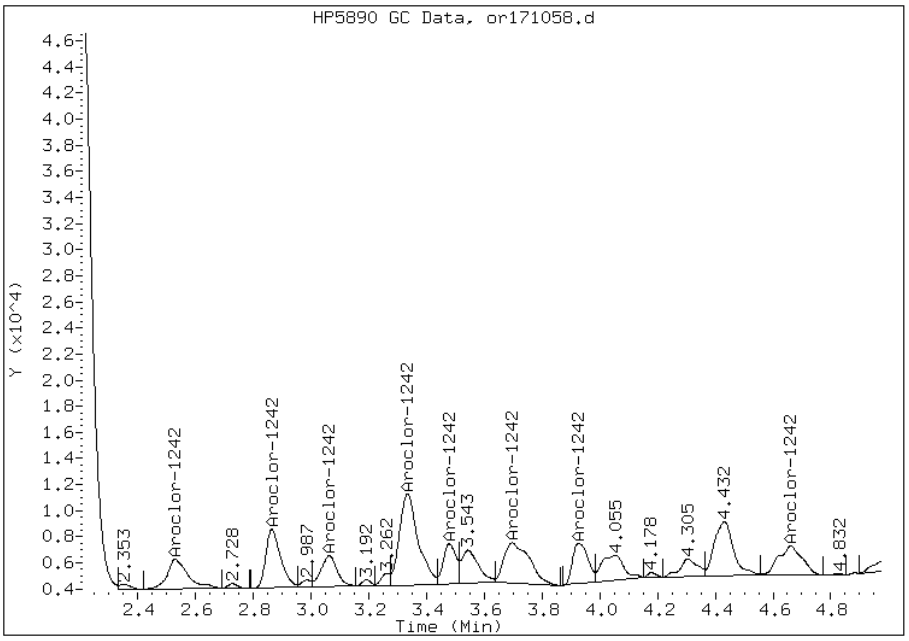
Manual Integration Results

RT: 2.53

Response: 11376

Amount: 108.91

Conc: 75.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or171058.d
Inj. Date and Time: 31-MAR-2011 18:30
Instrument ID: PESTGC7.i
Client ID: DUP-031711 (3.5-4)
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 9.61

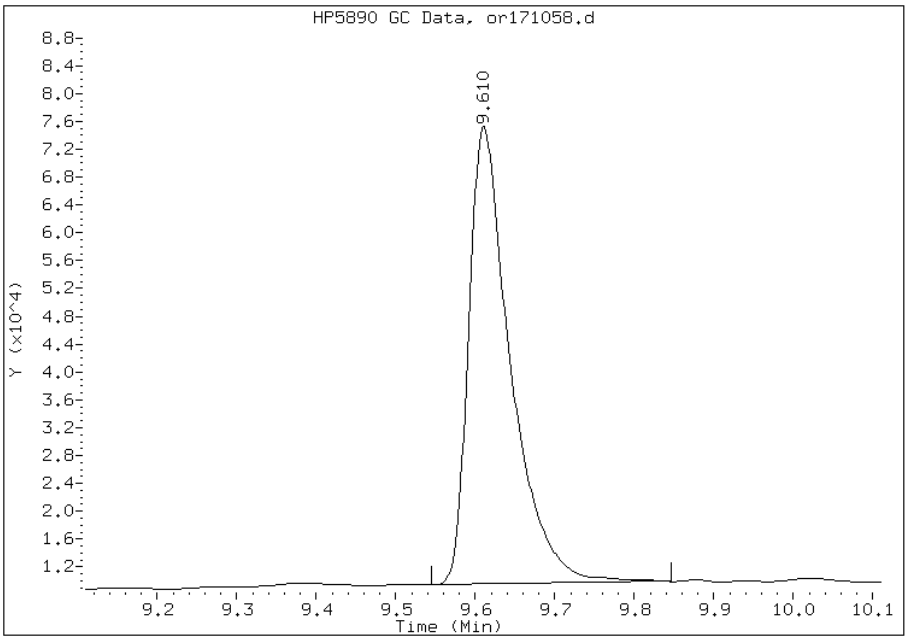
Manual Integration Results

RT: 9.61

Response: 239562

Amount: 64.61

Conc: 44.71



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (8-8.5) Lab Sample ID: 460-24277-5

Matrix: Solid Lab File ID: of171080.d

Analysis Method: 8082 Date Collected: 03/17/2011 00:00

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 01:09

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	70000		14000	1600

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of171080.d
Report Date: 01-Apr-2011 04:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/of171080.d
Lab Smp Id: 460-24277-F-5-A Client Smp ID: DUP-031711 (8-8.5)
Inj Date : 01-APR-2011 01:09
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-5-A
Misc Info : 460-24277-F-5-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 36
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.69948	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.172	3.160	0.012	149829	1744.84	250000	80.00- 120.00	100.00(M)
3.642	3.633	0.009	295660	1800.54	250000	152.98- 229.47	197.33
3.928	3.922	0.006	138328	1707.72	240000	75.46- 113.20	92.32
4.187	4.180	0.007	572598	1888.55	270000	282.47- 423.70	382.17
4.357	4.350	0.007	251102	1936.11	270000	120.83- 181.24	167.59
4.602	4.598	0.004	130845	2004.10	280000	60.83- 91.24	87.33
5.100	5.097	0.003	262625	2151.92	300000	113.70- 170.55	175.28
5.428	5.425	0.003	161781	1828.66	260000	82.42- 123.63	107.98
Average of Peak Concentrations =					270000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.655	6.652	0.003	196279	741.039	100000	80.00- 120.00	100.00(M)

Data File: of171080.d
Report Date: 01-Apr-2011 04:15

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.015	7.012	0.003	128346	435.152	62000	89.30- 133.95	65.39
7.713	7.710	0.003	172004	404.472	57000	130.43- 195.65	87.63
7.922	7.917	0.005	94519	472.119	67000	61.07- 91.61	48.16
8.047	8.040	0.007	51692	449.592	64000	36.16- 54.24	26.34
8.618	8.613	0.005	104445	460.334	65000	70.36- 105.54	53.21
9.593	9.592	0.001	111315	423.877	60000	82.15- 123.22	56.71
10.207	10.205	0.002	51414	569.033	80000	30.14- 45.21	26.19
		Average of Peak Concentrations =			70000		

QC Flag Legend

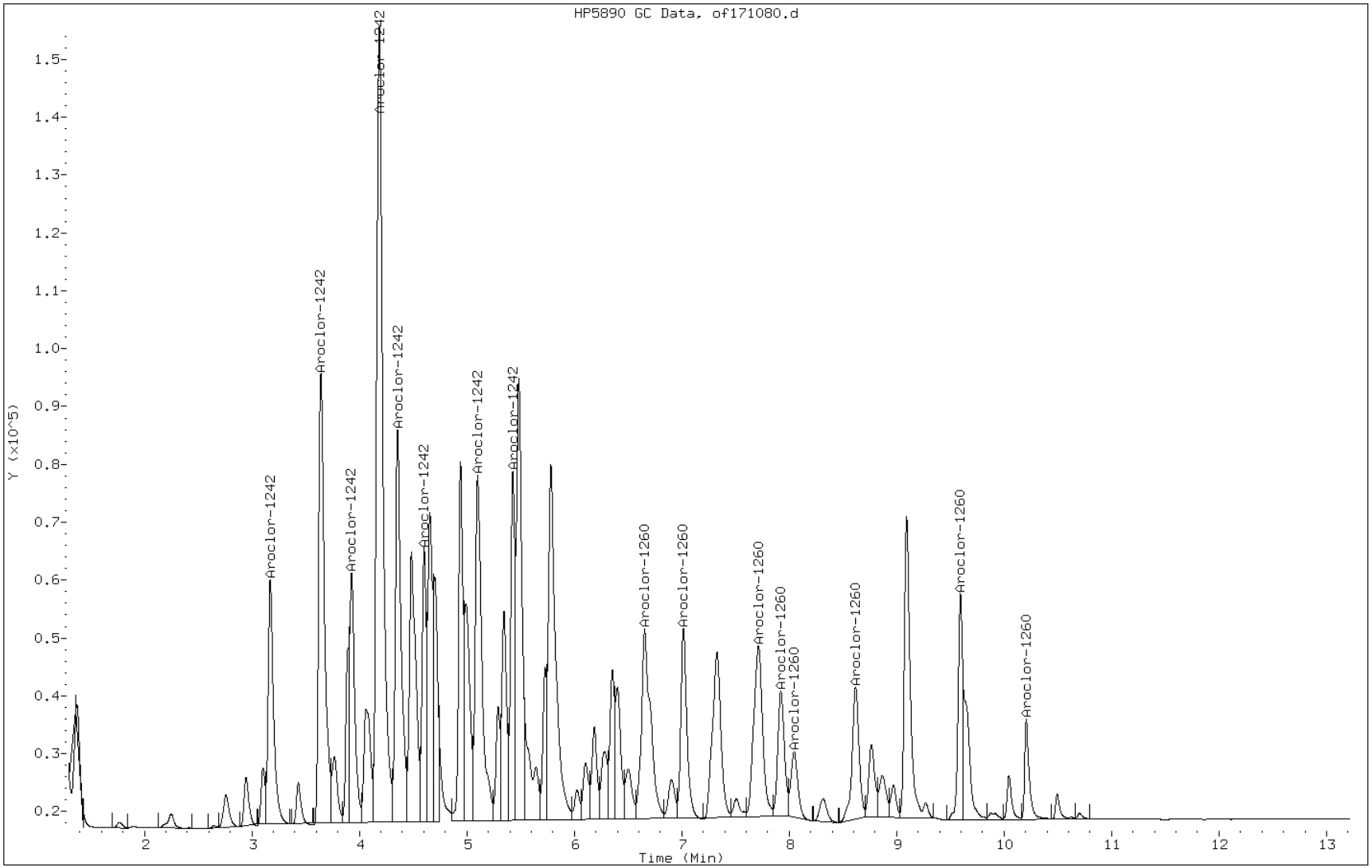
M - Compound response manually integrated.

Data File: of171080.d

Date: 01-APR-2011 01:09

Client ID: DUP-031711 (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24277-F-5-A Operator: 615



Manual Integration Report

Data File: of171080.d
Inj. Date and Time: 01-APR-2011 01:09
Instrument ID: PESTGC7.i
Client ID: DUP-031711 (8-8.5)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

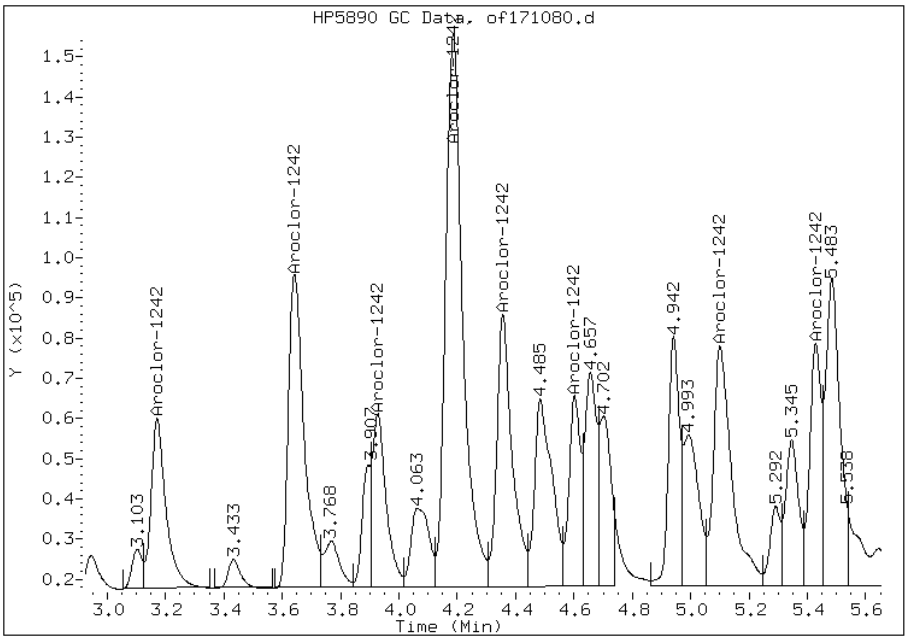
Manual Integration Results

RT: 3.17

Response: 149829

Amount: 1882.81

Conc: 270000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171080.d
Inj. Date and Time: 01-APR-2011 01:09
Instrument ID: PESTGC7.i
Client ID: DUP-031711 (8-8.5)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

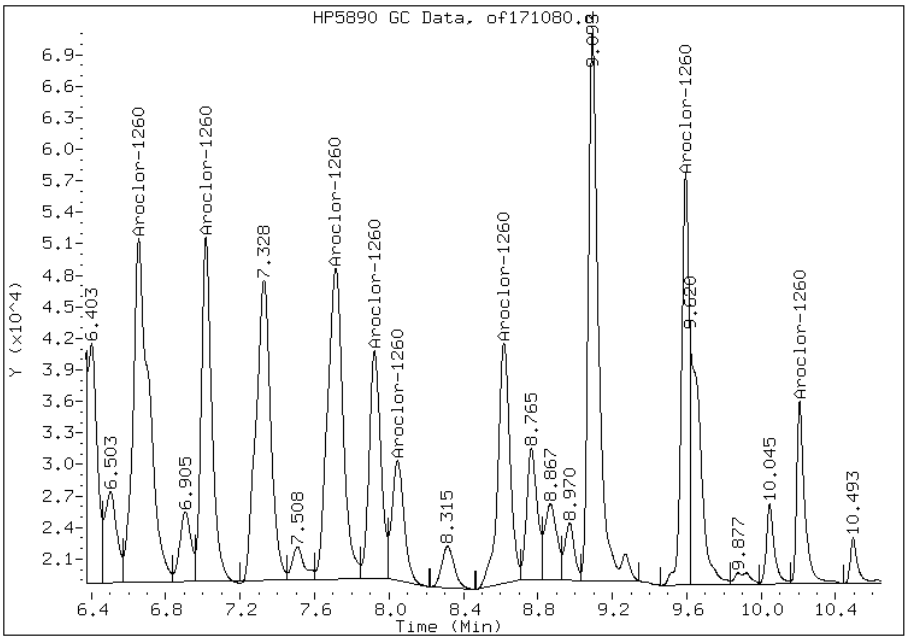
Manual Integration Results

RT: 6.66

Response: 196279

Amount: 494.45

Conc: 70000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (8-8.5) Lab Sample ID: 460-24277-5

Matrix: Solid Lab File ID: or171080.d

Analysis Method: 8082 Date Collected: 03/17/2011 00:00

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 01:09

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	14000	U	14000	2700
11104-28-2	Aroclor 1221	14000	U	14000	4300
11141-16-5	Aroclor 1232	14000	U	14000	8100
53469-21-9	Aroclor 1242	270000		14000	2700
12672-29-6	Aroclor 1248	14000	U	14000	3800
11097-69-1	Aroclor 1254	14000	U	14000	4900
37324-23-5	Aroclor 1262	14000	U	14000	2400
11100-14-4	Aroclor 1268	14000	U	14000	2400

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/or171080.d
Lab Smp Id: 460-24277-F-5-A Client Smp ID: DUP-031711 (8-8.5)
Inj Date : 01-APR-2011 01:09
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-5-A
Misc Info : 460-24277-F-5-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 36
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	5.69948	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.522	2.512	0.010	139601	1652.96	230000	80.00- 120.00	100.00
2.858	2.852	0.006	235286	1723.27	240000	129.33- 194.00	168.54
3.057	3.052	0.005	180475	1854.66	260000	92.18- 138.26	129.28
3.327	3.323	0.004	536477	1915.94	270000	265.24- 397.85	384.29
3.475	3.470	0.005	182231	1803.23	250000	95.73- 143.59	130.54
3.690	3.692	-0.002	330797	1731.72	240000	180.95- 271.42	236.96
3.923	3.922	0.001	200175	1759.50	250000	107.77- 161.65	143.39
4.660	4.667	-0.007	303698	2883.90	410000	99.75- 149.63	217.55
Average of Peak Concentrations =					270000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.355	5.357	-0.002	103652	485.574	69000	80.00- 120.00	100.00

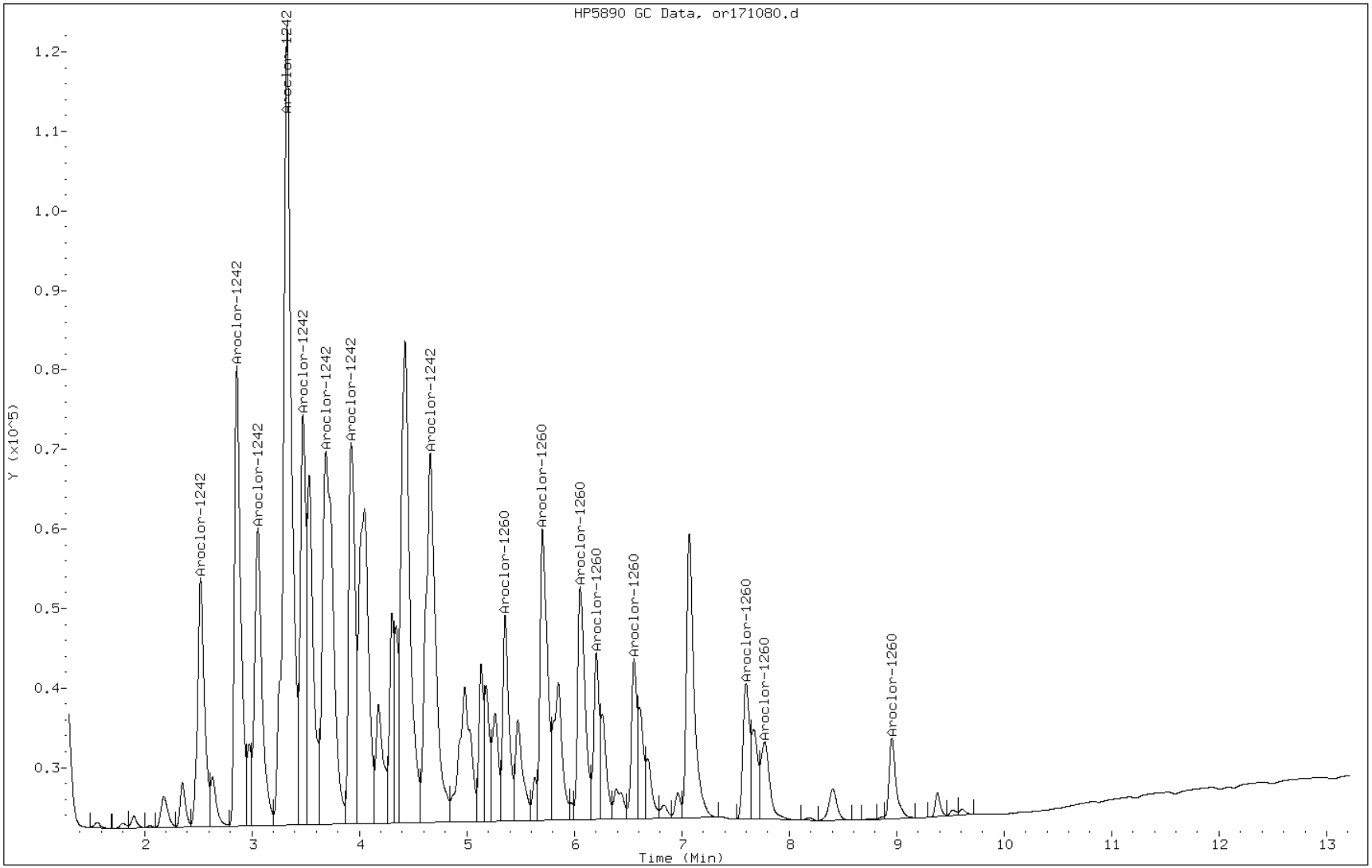
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.703	5.703	0.000	170459	457.037	65000	137.19- 205.78	164.45
6.055	6.057	-0.002	141416	416.198	59000	126.77- 190.16	136.43
6.205	6.207	-0.002	74282	495.997	70000	56.56- 84.84	71.66
6.557	6.557	0.000	72725	459.336	65000	59.79- 89.68	70.16
7.600	7.600	0.000	73945	344.260	49000	103.96- 155.95	71.34
7.772	7.772	0.000	57415	504.110	71000	47.06- 70.60	55.39
8.955	8.957	-0.002	45135	448.775	63000	38.69- 58.03	43.54
		Average of Peak Concentrations =			64000		

Data File: or171080.d

Date: 01-APR-2011 01:09

Client ID: DUP-031711 (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24277-F-5-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (10.5-11) Lab Sample ID: 460-24277-6

Matrix: Solid Lab File ID: of171081.d

Analysis Method: 8082 Date Collected: 03/17/2011 00:00

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 01:25

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	80000		7700	1500
11096-82-5	Aroclor 1260	20000		7700	860

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of171081.d
Report Date: 01-Apr-2011 04:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/of171081.d
Lab Smp Id: 460-24277-F-6-A Client Smp ID: DUP-031711 (10.5-11
Inj Date : 01-APR-2011 01:25
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-6-A
Misc Info : 460-24277-F-6-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 37
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	13.29787	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.172	3.160	0.012	83273	969.760	74000	80.00- 120.00	100.00(M)
3.642	3.633	0.009	169988	1035.21	80000	152.98- 229.47	204.13
3.928	3.922	0.006	83025	1024.98	79000	75.46- 113.20	99.70
4.187	4.180	0.007	312151	1029.54	79000	282.47- 423.70	374.85
4.357	4.350	0.007	138600	1068.67	82000	120.83- 181.24	166.44
4.603	4.598	0.005	71109	1089.15	84000	60.83- 91.24	85.39
5.100	5.097	0.003	132892	1088.91	84000	113.70- 170.55	159.59
5.428	5.425	0.003	88516	1000.52	77000	82.42- 123.63	106.30
Average of Peak Concentrations =					80000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.655	6.652	0.003	101587	383.536	29000	80.00- 120.00	100.00

Data File: of171081.d
Report Date: 01-Apr-2011 04:15

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.017	7.012	0.005	65665	222.635	17000	89.30- 133.95	64.64
7.715	7.710	0.005	80353	188.954	14000	130.43- 195.65	79.10
7.922	7.917	0.005	43888	219.218	17000	61.07- 91.61	43.20
8.047	8.040	0.007	22875	198.959	15000	36.16- 54.24	22.52
8.618	8.613	0.005	48591	214.161	16000	70.36- 105.54	47.83
9.595	9.592	0.003	94660	360.457	28000	82.15- 123.22	93.18
10.207	10.205	0.002	24135	267.122	20000	30.14- 45.21	23.76
			Average of Peak Concentrations =		20000		

QC Flag Legend

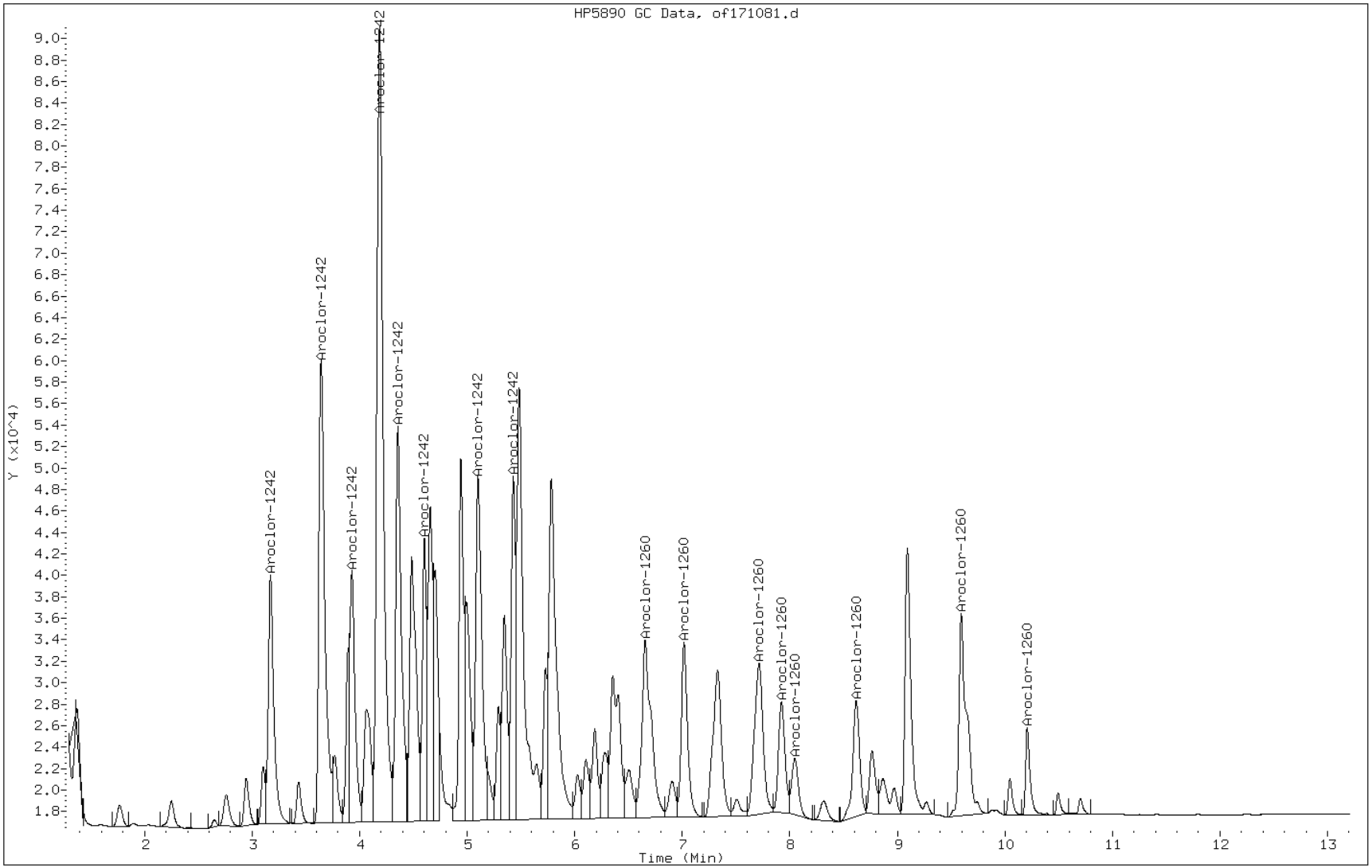
M - Compound response manually integrated.

Data File: of171081.d

Date: 01-APR-2011 01:25

Client ID: DUP-031711 (10.5-11 Instrument: PESTGC7.i

Sample Info: 460-24277-F-6-A Operator: 615



Manual Integration Report

Data File: of171081.d
Inj. Date and Time: 01-APR-2011 01:25
Instrument ID: PESTGC7.i
Client ID: DUP-031711 (10.5-11
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

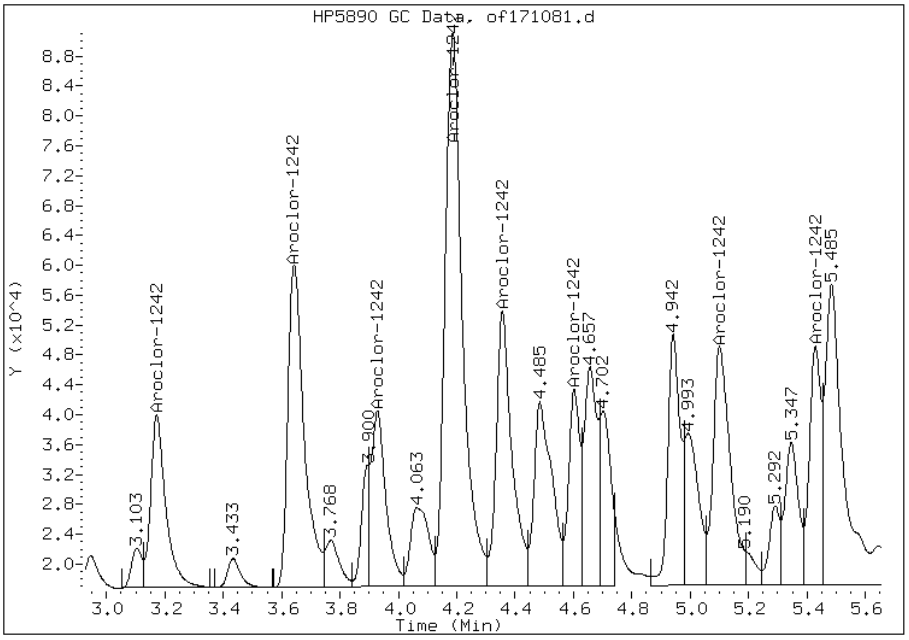
Manual Integration Results

RT: 3.17

Response: 83273

Amount: 1038.34

Conc: 80000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (10.5-11) Lab Sample ID: 460-24277-6

Matrix: Solid Lab File ID: or171081.d

Analysis Method: 8082 Date Collected: 03/17/2011 00:00

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 01:25

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	7700	U	7700	1500
11104-28-2	Aroclor 1221	7700	U	7700	2300
11141-16-5	Aroclor 1232	7700	U	7700	4400
12672-29-6	Aroclor 1248	7700	U	7700	2100
11097-69-1	Aroclor 1254	7700	U	7700	2600
37324-23-5	Aroclor 1262	7700	U	7700	1300
11100-14-4	Aroclor 1268	7700	U	7700	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/or171081.d
Lab Smp Id: 460-24277-F-6-A Client Smp ID: DUP-031711 (10.5-11
Inj Date : 01-APR-2011 01:25
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-6-A
Misc Info : 460-24277-F-6-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 37
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	13.29787	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.523	2.512	0.011	73312	868.060	67000	80.00- 120.00	100.00(M)
2.860	2.852	0.008	128381	940.279	72000	129.33- 194.00	175.12
3.057	3.052	0.005	94722	973.415	75000	92.18- 138.26	129.20
3.327	3.323	0.004	262784	938.491	72000	265.24- 397.85	358.45
3.475	3.470	0.005	99098	980.605	75000	95.73- 143.59	135.17
3.690	3.692	-0.002	178832	936.185	72000	180.95- 271.42	243.93
3.923	3.922	0.001	107258	942.778	72000	107.77- 161.65	146.30
4.660	4.667	-0.007	156340	1484.60	110000	99.75- 149.63	213.25
Average of Peak Concentrations =					78000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.357	5.357	0.000	52428	245.607	19000	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.705	5.703	0.002	90363	242.282	19000	137.19- 205.78	172.36
6.055	6.057	-0.002	67075	197.407	15000	126.77- 190.16	127.94
6.207	6.207	0.000	36616	244.493	19000	56.56- 84.84	69.84
6.557	6.557	0.000	35968	227.176	17000	59.79- 89.68	68.60
7.598	7.600	-0.002	31468	146.503	11000	103.96- 155.95	60.02
7.772	7.772	0.000	24031	210.995	16000	47.06- 70.60	45.84
8.957	8.957	0.000	20268	201.524	15000	38.69- 58.03	38.66
			Average of Peak Concentrations =		16000		

QC Flag Legend

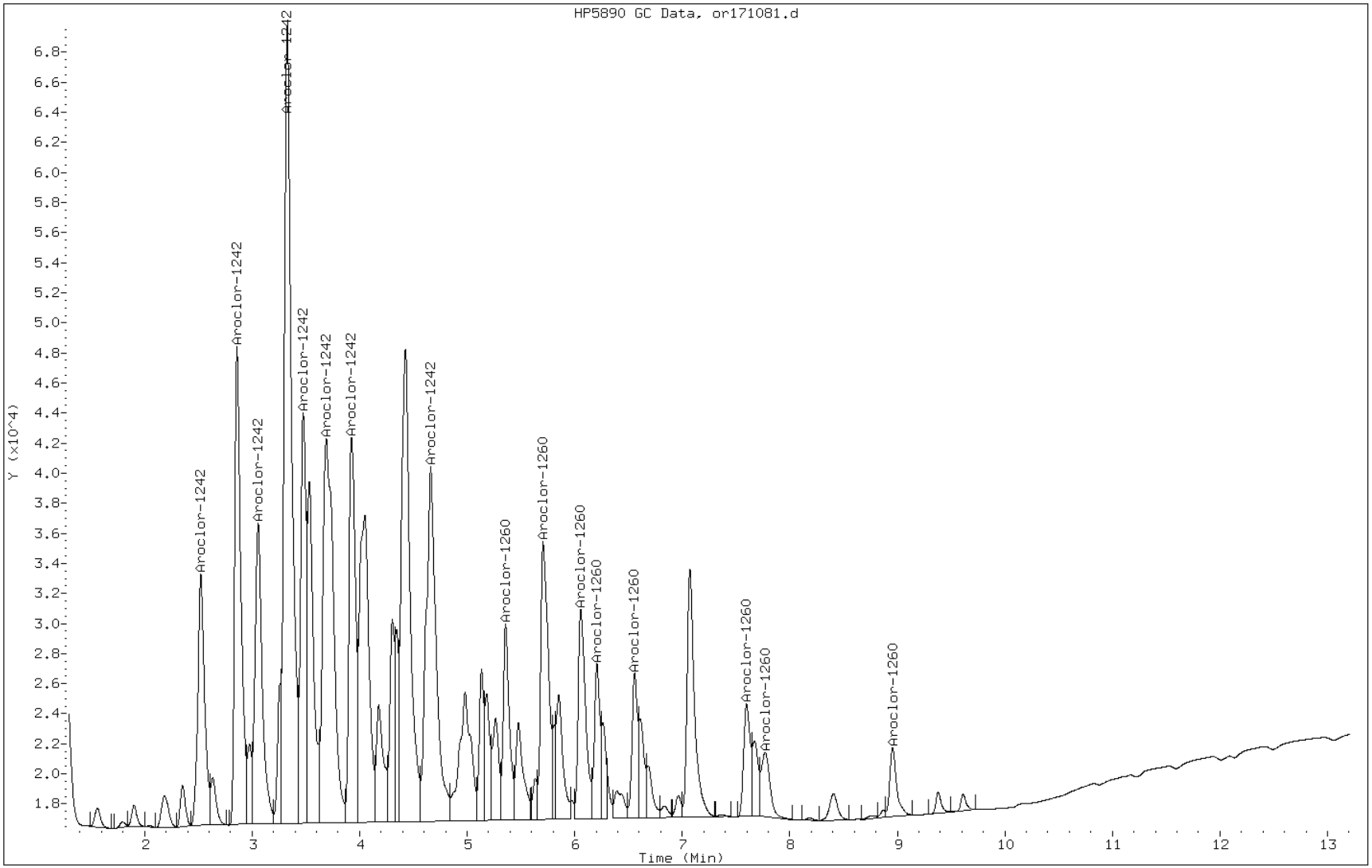
M - Compound response manually integrated.

Data File: or171081.d

Date: 01-APR-2011 01:25

Client ID: DUP-031711 (10.5-11 Instrument: PESTGC7.i

Sample Info: 460-24277-F-6-A Operator: 615



Manual Integration Report

Data File: or171081.d
Inj. Date and Time: 01-APR-2011 01:25
Instrument ID: PESTGC7.i
Client ID: DUP-031711 (10.5-11
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 2.51

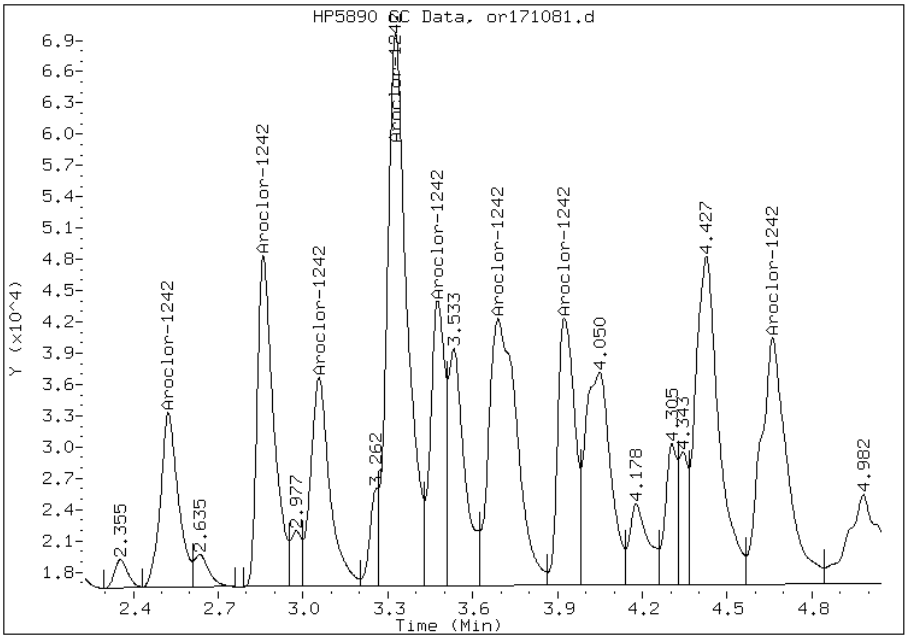
Manual Integration Results

RT: 2.52

Response: 73312

Amount: 1008.05

Conc: 78000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or171081.d
Inj. Date and Time: 01-APR-2011 01:25
Instrument ID: PESTGC7.i
Client ID: DUP-031711 (10.5-11
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 5.36

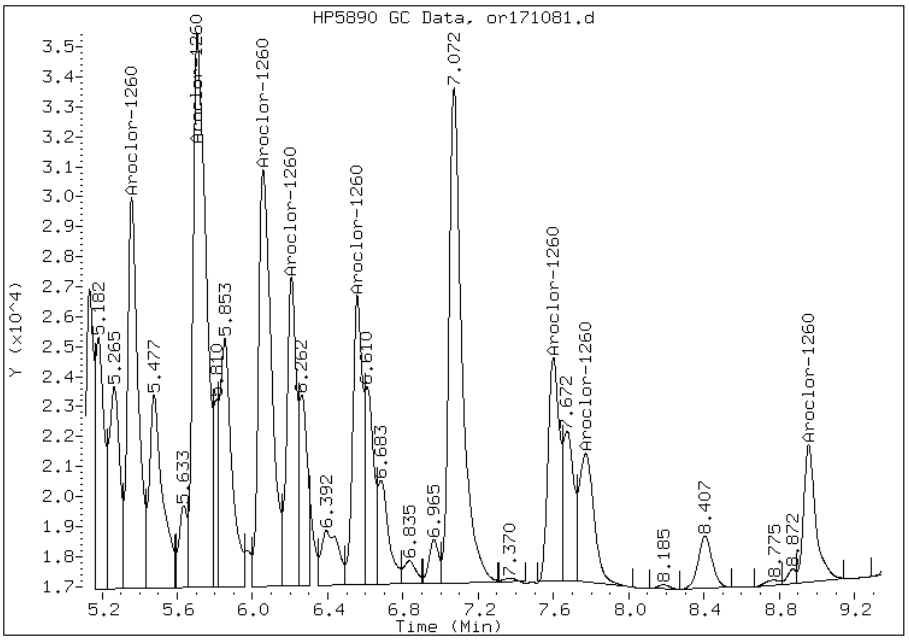
Manual Integration Results

RT: 5.36

Response: 52428

Amount: 214.50

Conc: 16000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) Lab Sample ID: 460-24277-7

Matrix: Solid Lab File ID: of171061.d

Analysis Method: 8082 Date Collected: 03/17/2011 14:30

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.05(g) Date Analyzed: 03/31/2011 19:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	65	J	70	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		30-150

Data File: of171061.d
Report Date: 01-Apr-2011 03:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/of171061.d
Lab Smp Id: 460-24277-F-7-D Client Smp ID: PMP-10-VD-E (3.5-4.
Inj Date : 31-MAR-2011 19:18
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-7-D
Misc Info : 460-24277-F-7-D
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	3.96040	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.173	3.160	0.013	7158	83.3615	58	80.00- 120.00	100.00(M)
3.643	3.633	0.010	12990	79.1087	55	152.98- 229.47	181.47
3.930	3.922	0.008	6900	85.1893	59	75.46- 113.20	96.40
4.187	4.180	0.007	28681	94.5972	65	282.47- 423.70	400.68
4.357	4.350	0.007	14632	112.822	78	120.83- 181.24	204.41
4.603	4.598	0.005	6625	101.475	70	60.83- 91.24	92.55
5.100	5.097	0.003	11585	94.9333	66	113.70- 170.55	161.85
5.428	5.425	0.003	9231	104.346	72	82.42- 123.63	128.96
		Average of Peak Concentrations =			65		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	185296	62.4601	43	80.00- 120.00	100.00

Data File: of171061.d
Report Date: 01-Apr-2011 03:26

QC Flag Legend

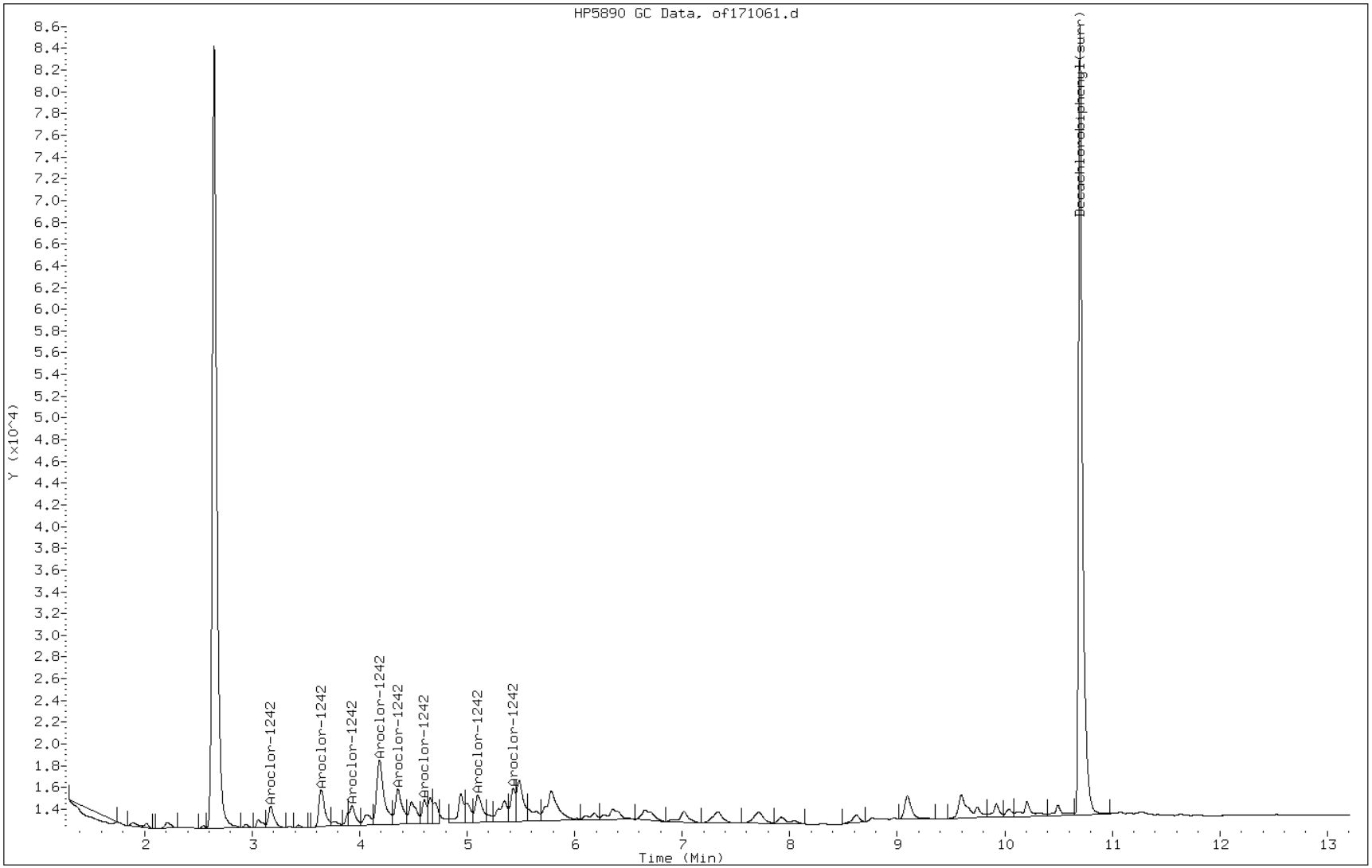
M - Compound response manually integrated.

Data File: of171061.d

Date: 31-MAR-2011 19:18

Client ID: PMP-10-VD-E (3.5-4. Instrument: PESTGC7.i

Sample Info: 460-24277-F-7-D Operator: 615



Manual Integration Report

Data File: of171061.d
Inj. Date and Time: 31-MAR-2011 19:18
Instrument ID: PESTGC7.i
Client ID: PMP-10-VD-E (3.5-4.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

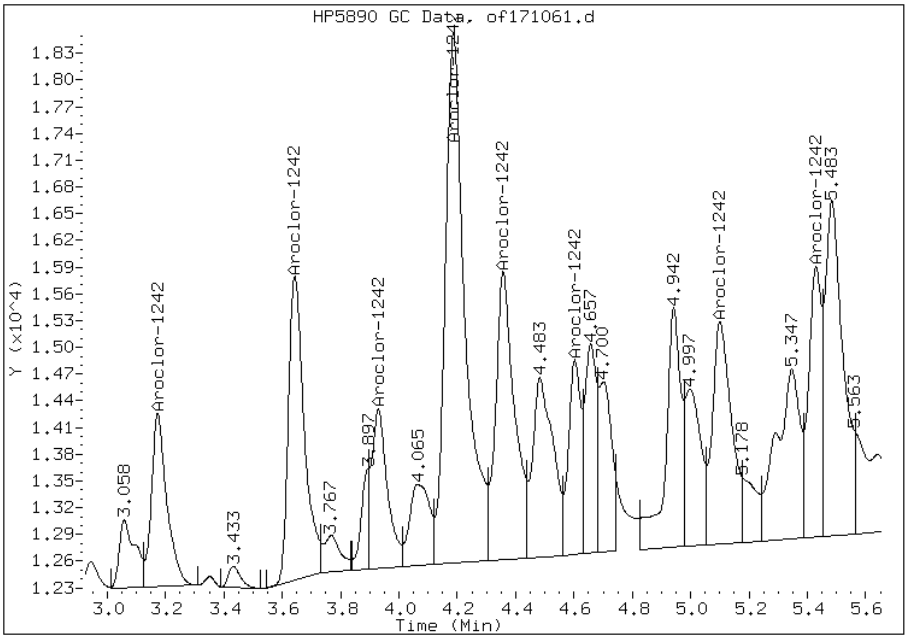
Manual Integration Results

RT: 3.17

Response: 7158

Amount: 94.48

Conc: 65.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) Lab Sample ID: 460-24277-7

Matrix: Solid Lab File ID: or171061.d

Analysis Method: 8082 Date Collected: 03/17/2011 14:30

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.05(g) Date Analyzed: 03/31/2011 19:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	39
12672-29-6	Aroclor 1248	70	U	70	18
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.8
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/or171061.d
Lab Smp Id: 460-24277-F-7-D Client Smp ID: PMP-10-VD-E (3.5-4.
Inj Date : 31-MAR-2011 19:18
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-7-D
Misc Info : 460-24277-F-7-D
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	3.96040	% Moisture

Cpnd Variable Local Compound Variable

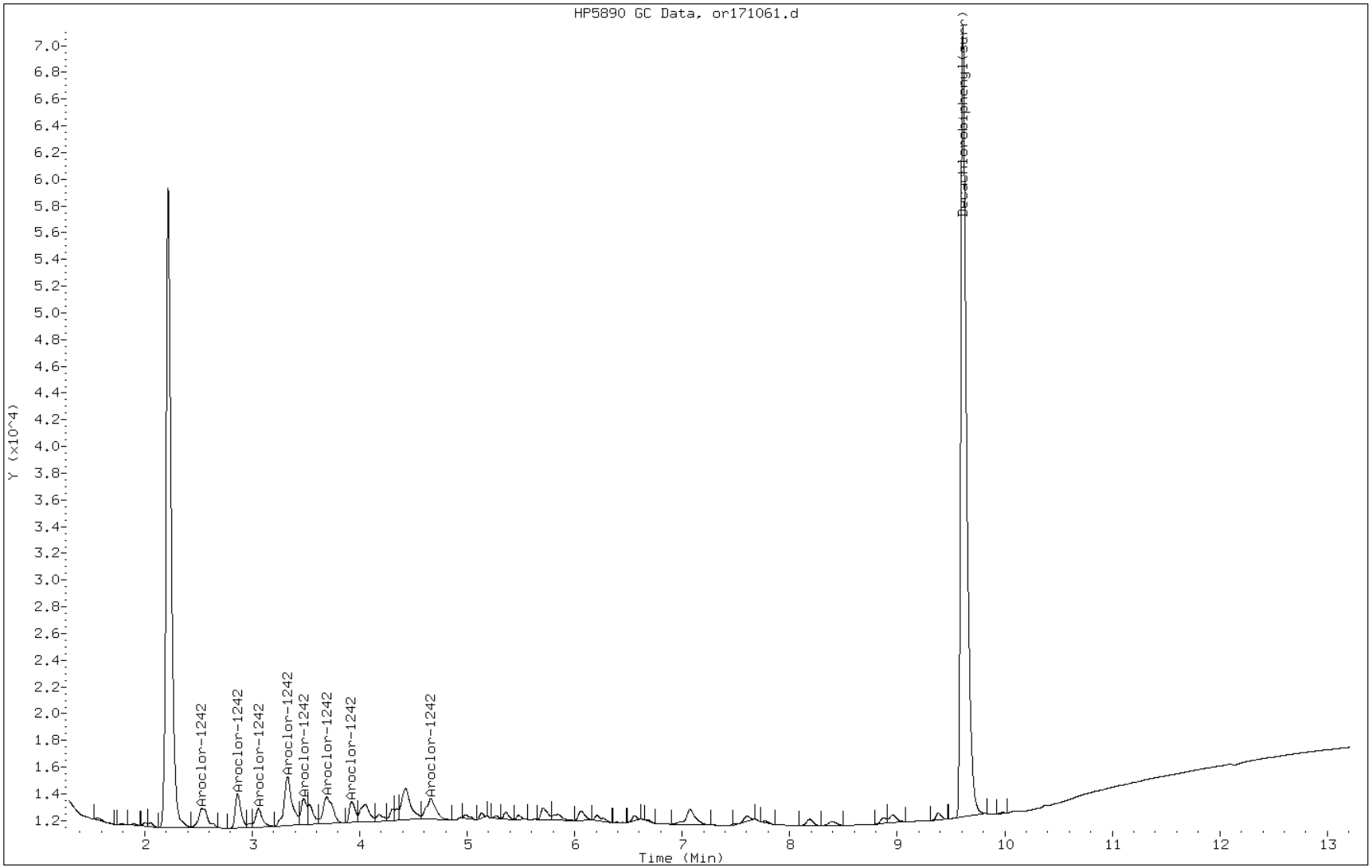
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.532	2.512	0.020	8206	97.1642	67	80.00- 120.00	100.00
2.865	2.852	0.013	9510	69.6525	48	129.33- 194.00	115.89
3.062	3.052	0.010	6008	61.7415	43	92.18- 138.26	73.21
3.330	3.323	0.007	18867	67.3805	47	265.24- 397.85	229.92
3.480	3.470	0.010	6977	69.0396	48	95.73- 143.59	85.02
3.695	3.692	0.003	12582	65.8668	46	180.95- 271.42	153.33
3.925	3.922	0.003	5877	51.6578	36	107.77- 161.65	71.62
4.663	4.667	-0.004	9646	91.5980	63	99.75- 149.63	117.55
Average of Peak Concentrations =					50		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.610	0.000	217281	58.6041	40	80.00- 120.00	100.00

Data File: or171061.d

Date: 31-MAR-2011 19:18

Client ID: PMP-10-VD-E (3.5-4. Instrument: PESTGC7.i

Sample Info: 460-24277-F-7-D Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-WT-E (7.5-8.0) Lab Sample ID: 460-24277-8

Matrix: Solid Lab File ID: of171082.d

Analysis Method: 8082 Date Collected: 03/17/2011 14:35

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.03(g) Date Analyzed: 04/01/2011 01:42

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	9100		740	200
11096-82-5	Aroclor 1260	1900		740	82

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of171082.d
Report Date: 01-Apr-2011 05:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/of171082.d
Lab Smp Id: 460-24277-F-8-B Client Smp ID: PMP-10-WT-E (7.5-8.
Inj Date : 01-APR-2011 01:42
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-8-B
Misc Info : 460-24277-F-8-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 38
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	9.38144	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.642	3.630	0.012	206601	2337.04	17000	80.00- 120.00	100.00(M)
4.185	4.178	0.007	375994	1885.17	14000	180.49- 270.73	181.99
4.483	4.478	0.005	49603	1661.13	12000	27.02- 40.53	24.01
4.602	4.597	0.005	90277	803.248	5900	101.71- 152.56	43.70
4.940	4.938	0.002	121752	814.923	6000	135.20- 202.80	58.93
5.098	5.095	0.003	164117	879.013	6400	168.96- 253.44	79.44
5.427	5.425	0.002	117830	744.215	5500	143.28- 214.92	57.03
5.483	5.482	0.001	192579	800.229	5900	217.78- 326.67	93.21
Average of Peak Concentrations =					9100		
27 Aroclor-1260					CAS #: 11096-82-5		
6.652	6.652	0.000	77114	291.138	2100	80.00- 120.00	100.00(MH)

Data File: of171082.d
Report Date: 01-Apr-2011 05:04

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.013	7.012	0.001	76771	260.289	1900	89.30- 133.95	99.55
7.712	7.710	0.002	100273	235.794	1700	130.43- 195.65	130.03
7.920	7.917	0.003	54312	271.285	2000	61.07- 91.61	70.43
8.045	8.040	0.005	26786	232.970	1700	36.16- 54.24	34.74
8.615	8.613	0.002	55411	244.219	1800	70.36- 105.54	71.86
9.593	9.592	0.001	70860	269.826	2000	82.15- 123.22	91.89
10.205	10.205	0.000	26840	297.051	2200	30.14- 45.21	34.81
		Average of Peak Concentrations =			1900		

QC Flag Legend

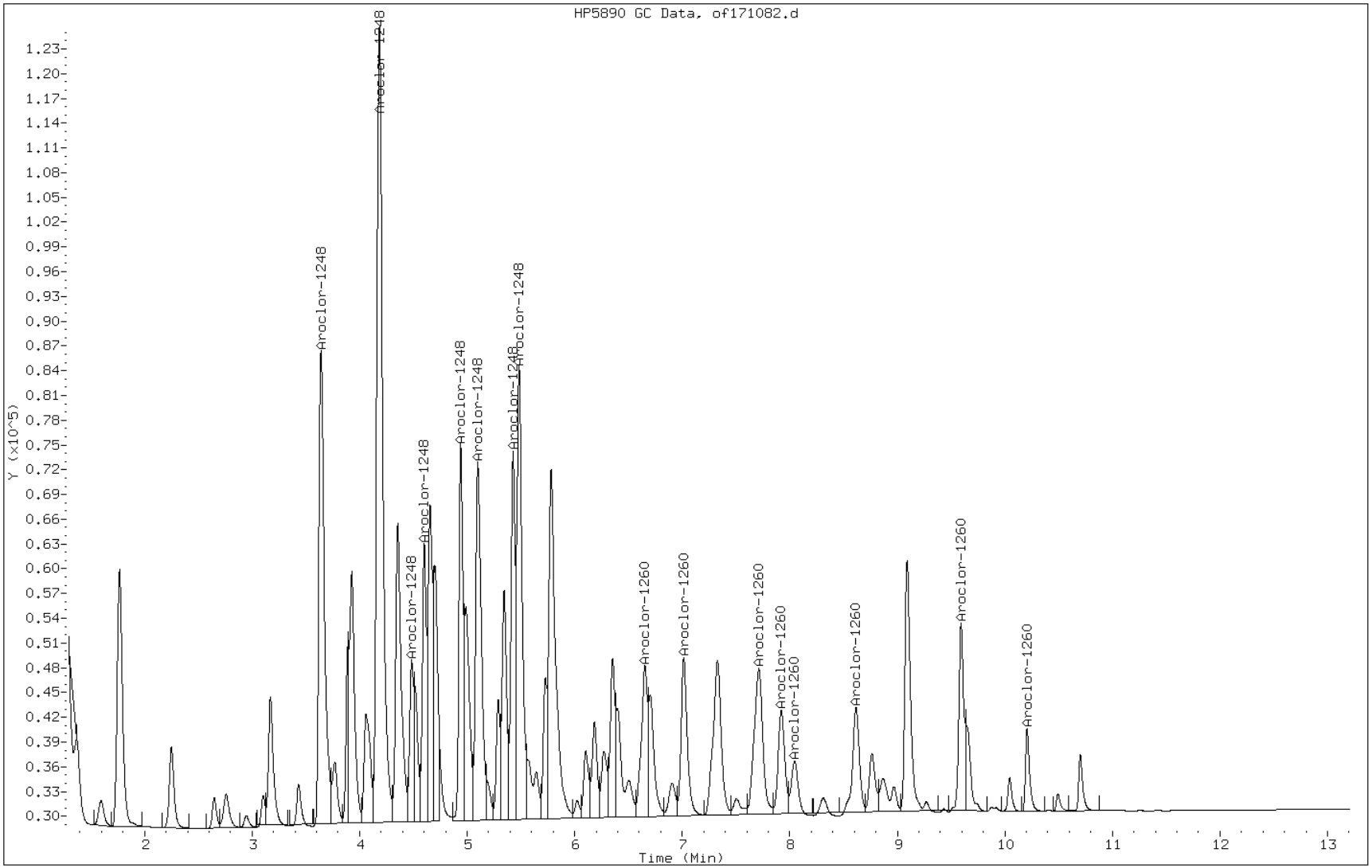
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of171082.d

Date: 01-APR-2011 01:42

Client ID: PMP-10-WT-E (7.5-8. Instrument: PESTGC7.i

Sample Info: 460-24277-F-8-B Operator: 615



Manual Integration Report

Data File: of171082.d
Inj. Date and Time: 01-APR-2011 01:42
Instrument ID: PESTGC7.i
Client ID: PMP-10-WT-E (7.5-8.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.63

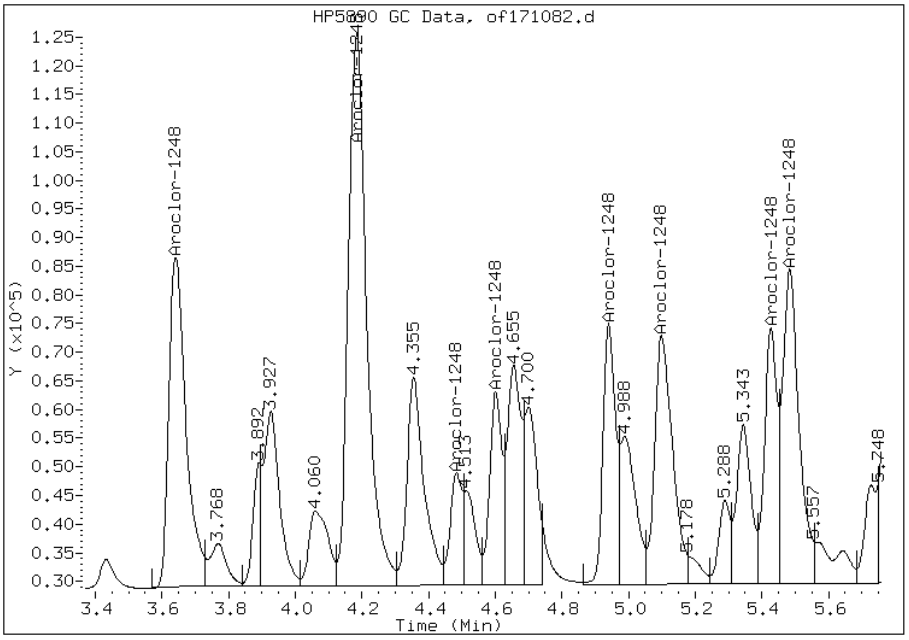
Manual Integration Results

RT: 3.64

Response: 206601

Amount: 1240.62

Conc: 9100.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171082.d
Inj. Date and Time: 01-APR-2011 01:42
Instrument ID: PESTGC7.i
Client ID: PMP-10-WT-E (7.5-8.
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

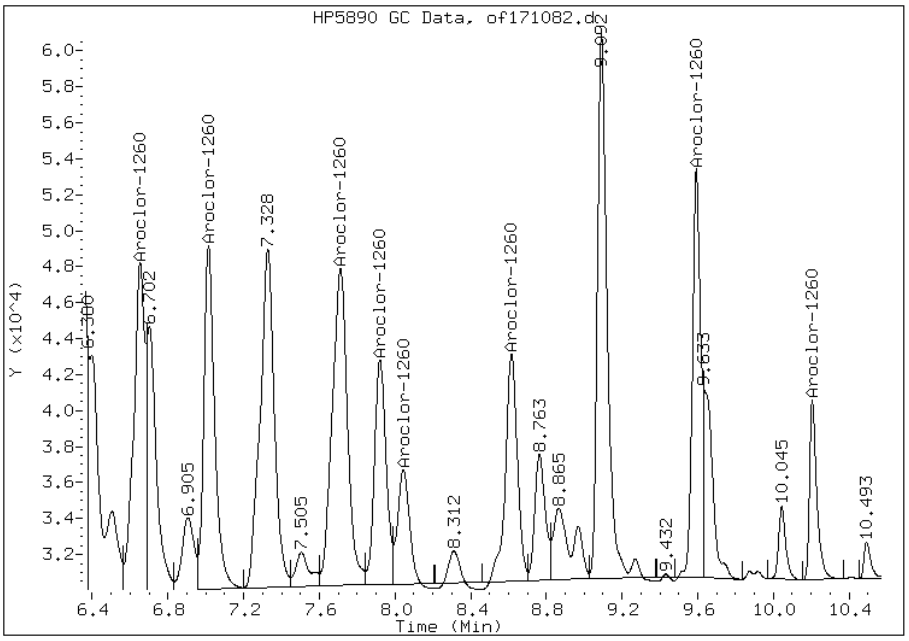
Manual Integration Results

RT: 6.65

Response: 77114

Amount: 262.82

Conc: 1900.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-WT-E (7.5-8.0) Lab Sample ID: 460-24277-8

Matrix: Solid Lab File ID: or171082.d

Analysis Method: 8082 Date Collected: 03/17/2011 14:35

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.03(g) Date Analyzed: 04/01/2011 01:42

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	740	U	740	140
11104-28-2	Aroclor 1221	740	U	740	220
11141-16-5	Aroclor 1232	740	U	740	420
53469-21-9	Aroclor 1242	740	U	740	140
11097-69-1	Aroclor 1254	740	U	740	250
37324-23-5	Aroclor 1262	740	U	740	130
11100-14-4	Aroclor 1268	740	U	740	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/or171082.d
Lab Smp Id: 460-24277-F-8-B Client Smp ID: PMP-10-WT-E (7.5-8.
Inj Date : 01-APR-2011 01:42
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-8-B
Misc Info : 460-24277-F-8-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 38
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	9.38144	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.860	2.850	0.010	170429	2222.34	16000	80.00- 120.00	100.00(M)
3.327	3.322	0.005	335223	1760.47	13000	198.64- 297.96	196.69
3.533	3.530	0.003	62951	1429.44	10000	45.94- 68.91	36.94
3.692	3.688	0.004	237624	799.308	5900	310.12- 465.18	139.43
3.922	3.920	0.002	140511	808.696	5900	181.25- 271.88	82.45
4.017	4.015	0.002	80186	869.574	6400	96.19- 144.29	47.05
4.303	4.305	-0.002	58550	800.366	5900	76.31- 114.47	34.35
4.660	4.663	-0.003	190465	1113.19	8200	178.49- 267.73	111.76
Average of Peak Concentrations =					9000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.357	5.357	0.000	53893	252.470	1800	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.702	5.703	-0.001	86303	231.397	1700	137.19- 205.78	160.14
6.053	6.057	-0.004	75973	223.594	1600	126.77- 190.16	140.97
6.205	6.207	-0.002	40736	272.003	2000	56.56- 84.84	75.59
6.555	6.557	-0.002	42236	266.766	2000	59.79- 89.68	78.37
7.597	7.600	-0.003	40823	190.056	1400	103.96- 155.95	75.75
7.772	7.772	0.000	26680	234.253	1700	47.06- 70.60	49.51
8.955	8.957	-0.002	24432	242.926	1800	38.69- 58.03	45.33
			Average of Peak Concentrations =		1800		

QC Flag Legend

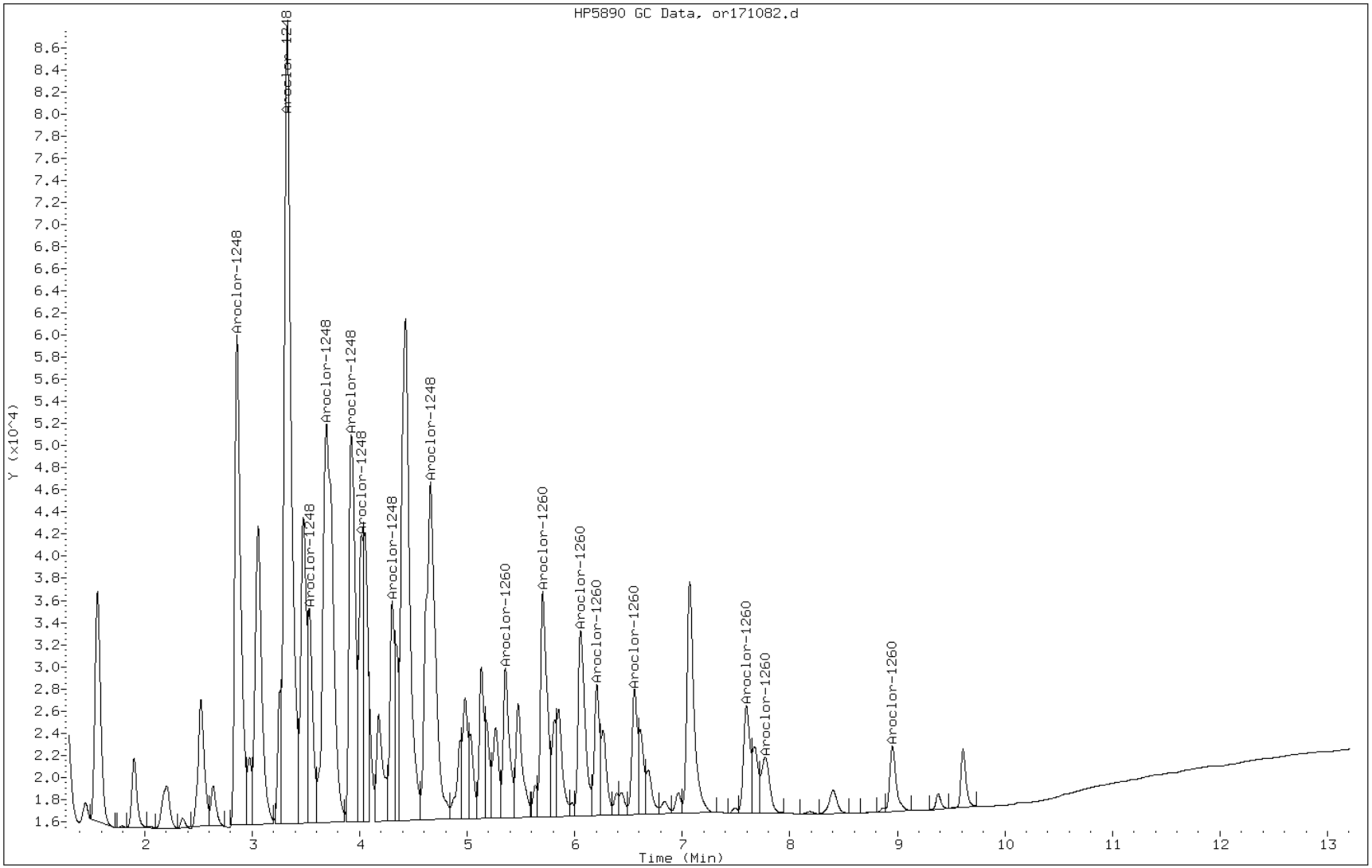
M - Compound response manually integrated.

Data File: or171082.d

Date: 01-APR-2011 01:42

Client ID: PMP-10-WT-E (7.5-8. Instrument: PESTGC7.i

Sample Info: 460-24277-F-8-B Operator: 615



Manual Integration Report

Data File: or171082.d
Inj. Date and Time: 01-APR-2011 01:42
Instrument ID: PESTGC7.i
Client ID: PMP-10-WT-E (7.5-8.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 2.85

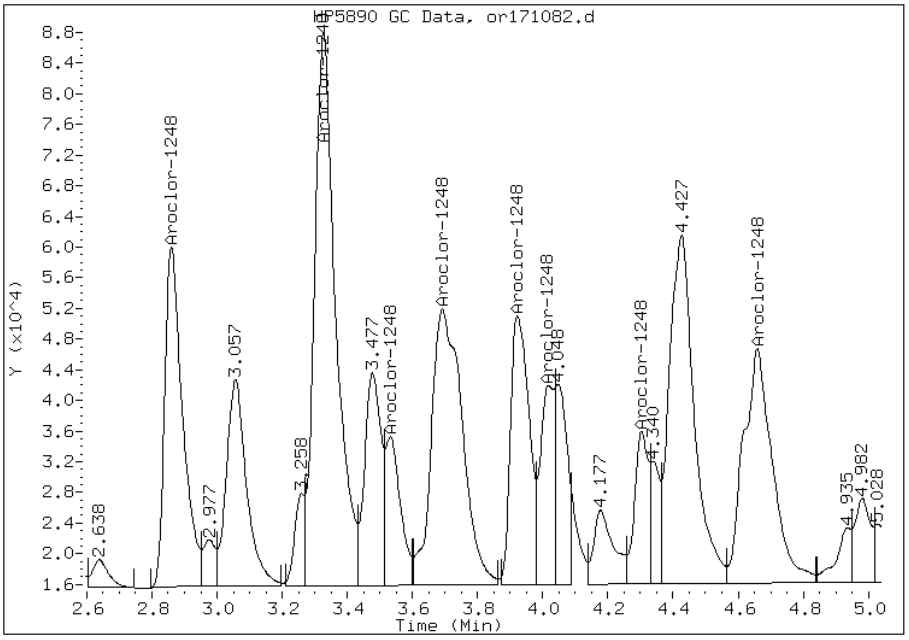
Manual Integration Results

RT: 2.86

Response: 170429

Amount: 1225.42

Conc: 9000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or171082.d
Inj. Date and Time: 01-APR-2011 01:42
Instrument ID: PESTGC7.i
Client ID: PMP-10-WT-E (7.5-8.
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 5.36

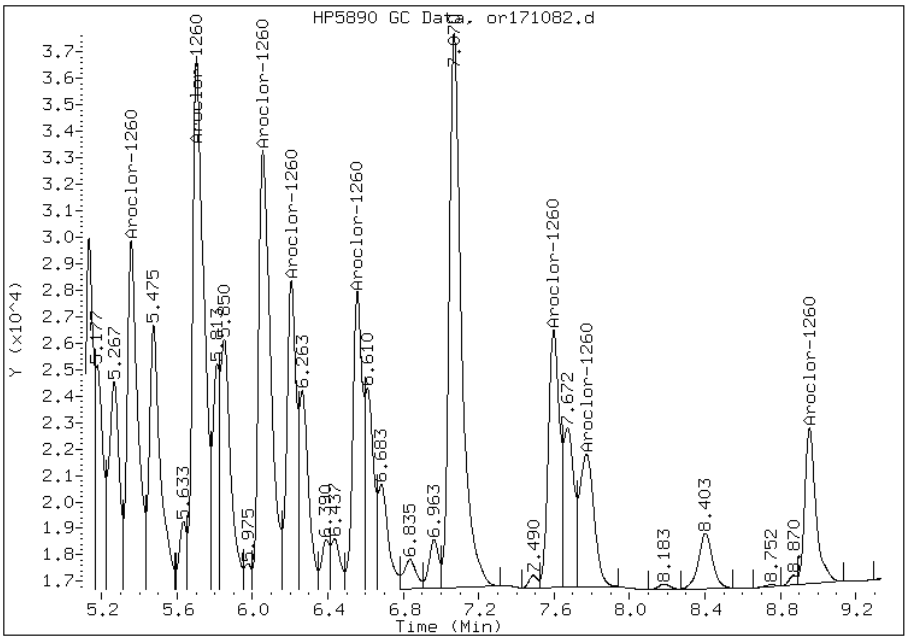
Manual Integration Results

RT: 5.36

Response: 53893

Amount: 239.18

Conc: 1800.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST1-E (15-15.5) Lab Sample ID: 460-24277-9

Matrix: Solid Lab File ID: of171083.d

Analysis Method: 8082 Date Collected: 03/17/2011 14:40

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 01:59

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	380		160	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		30-150

Data File: of171083.d
Report Date: 01-Apr-2011 04:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/of171083.d
Lab Smp Id: 460-24277-F-9-B Client Smp ID: PMP-10-ST1-E (15-15
Inj Date : 01-APR-2011 01:59
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-9-B
Misc Info : 460-24277-F-9-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 39
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	15.24590	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.640	3.630	0.010	0			80.00- 120.00	0.00(M)
4.185	4.178	0.007	490038	2456.97	3900	180.49- 270.73	0.00
4.482	4.478	0.004	0			27.02- 40.53	0.00
4.600	4.597	0.003	96359	857.363	1300	101.71- 152.56	0.00
4.940	4.938	0.002	137759	922.067	1400	135.20- 202.80	0.00
5.098	5.095	0.003	196803	1054.08	1600	168.96- 253.44	0.00
5.427	5.425	0.002	138510	874.831	1400	143.28- 214.92	0.00
5.483	5.482	0.001	252544	1049.40	1600	217.78- 326.67	0.00
Average of Peak Concentrations =					1900		
27 Aroclor-1260					CAS #: 11096-82-5		
6.652	6.652	0.000	67978	256.649	400	80.00- 120.00	100.00(M)

Data File: of171083.d
Report Date: 01-Apr-2011 04:17

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.013	7.012	0.001	67491	228.826	360	89.30- 133.95	99.28
7.712	7.710	0.002	92348	217.159	340	130.43- 195.65	135.85
7.920	7.917	0.003	47636	237.942	370	61.07- 91.61	70.08
8.045	8.040	0.005	24865	216.270	340	36.16- 54.24	36.58
8.615	8.613	0.002	55139	243.024	380	70.36- 105.54	81.11
9.593	9.592	0.001	67577	257.327	400	82.15- 123.22	99.41
10.205	10.205	0.000	24743	273.850	430	30.14- 45.21	36.40
		Average of Peak Concentrations =			380		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	95705	32.2604	51	80.00- 120.00	100.00

QC Flag Legend

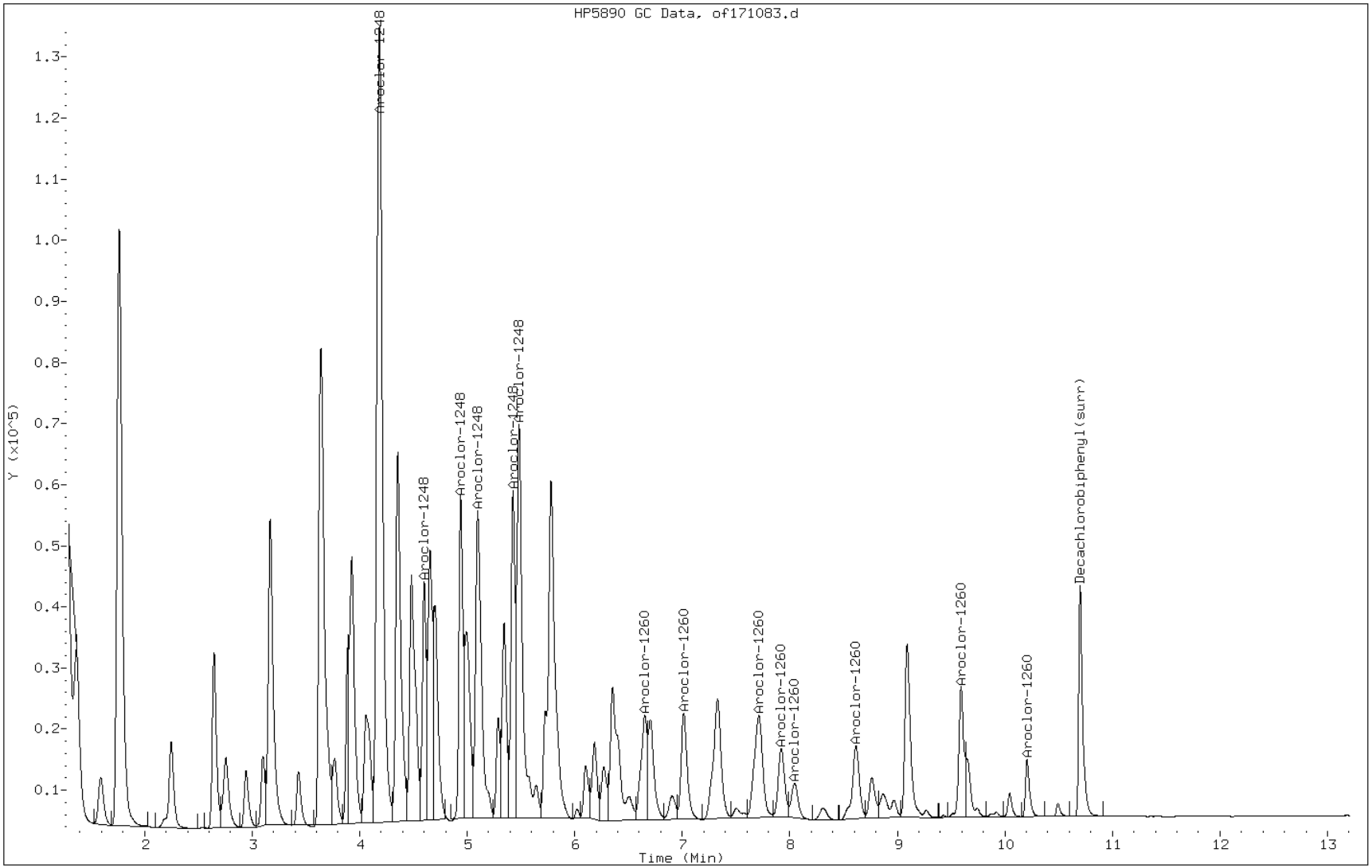
M - Compound response manually integrated.

Data File: of171083.d

Date: 01-APR-2011 01:59

Client ID: PMP-10-ST1-E (15-15 Instrument: PESTGC7.i

Sample Info: 460-24277-F-9-B Operator: 615



Manual Integration Report

Data File: of171083.d
Inj. Date and Time: 01-APR-2011 01:59
Instrument ID: PESTGC7.i
Client ID: PMP-10-ST1-E (15-15
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

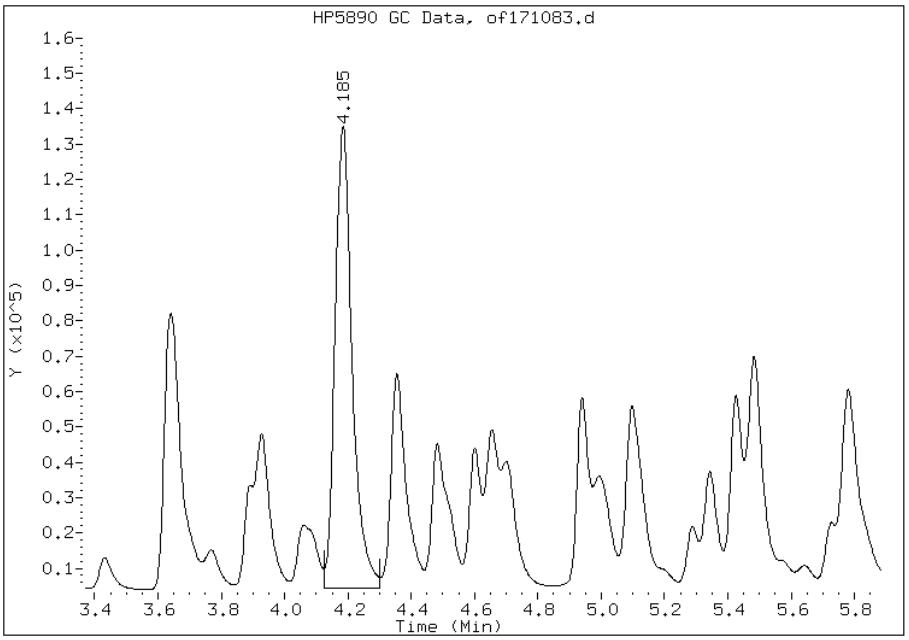
Processing Integration Results

RT: 4.18

Response: 494785

Amount: 1233.71

Conc: 1900.00



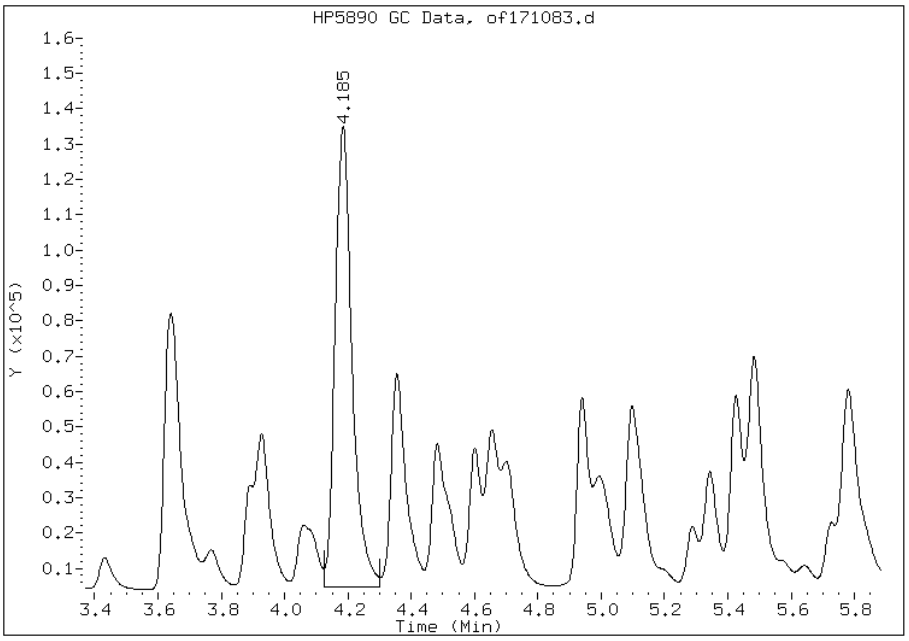
Manual Integration Results

RT: 4.18

Response: 490038

Amount: 1202.45

Conc: 1900.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171083.d
Inj. Date and Time: 01-APR-2011 01:59
Instrument ID: PESTGC7.i
Client ID: PMP-10-ST1-E (15-15
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

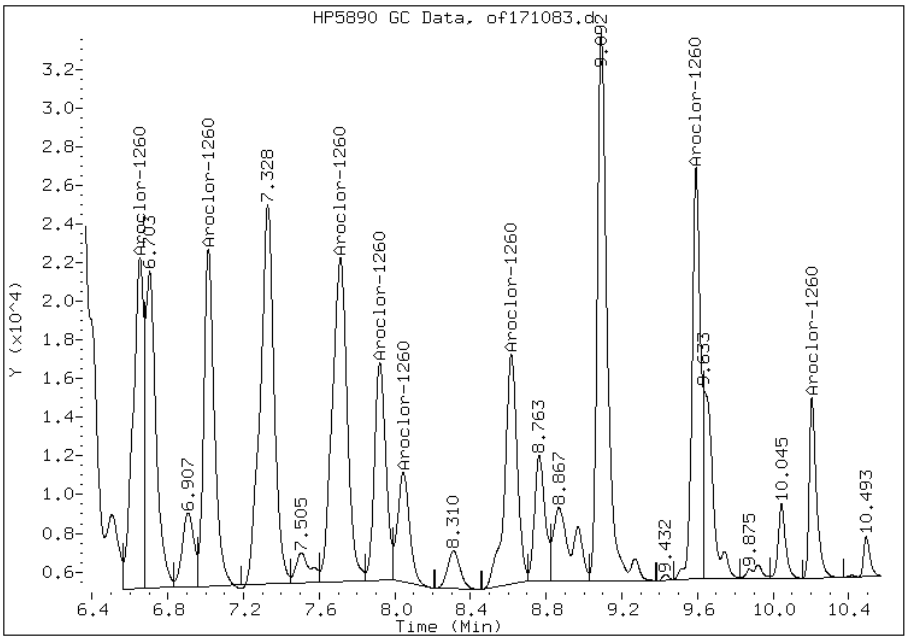
Manual Integration Results

RT: 6.65

Response: 67978

Amount: 241.38

Conc: 380.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST1-E (15-15.5) Lab Sample ID: 460-24277-9

Matrix: Solid Lab File ID: or171083.d

Analysis Method: 8082 Date Collected: 03/17/2011 14:40

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 01:59

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	160	30
11104-28-2	Aroclor 1221	160	U	160	48
11141-16-5	Aroclor 1232	160	U	160	90
53469-21-9	Aroclor 1242	160	U	160	30
12672-29-6	Aroclor 1248	2700		160	42
11097-69-1	Aroclor 1254	160	U	160	54
37324-23-5	Aroclor 1262	160	U	160	27
11100-14-4	Aroclor 1268	160	U	160	27

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/or171083.d
Lab Smp Id: 460-24277-F-9-B Client Smp ID: PMP-10-ST1-E (15-15
Inj Date : 01-APR-2011 01:59
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-9-B
Misc Info : 460-24277-F-9-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 39
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	15.24590	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.858	2.850	0.008	233437	3043.94	4800	80.00- 120.00	100.00
3.327	3.322	0.005	447302	2349.07	3700	198.64- 297.96	191.62
3.535	3.530	0.005	131173	2978.56	4700	45.94- 68.91	56.19
3.692	3.688	0.004	276929	931.521	1500	310.12- 465.18	118.63
3.922	3.920	0.002	166364	957.491	1500	181.25- 271.88	71.27
4.030	4.015	0.015	75461	818.334	1300	96.19- 144.29	32.33
4.302	4.305	-0.003	102194	1396.97	2200	76.31- 114.47	43.78
4.658	4.663	-0.005	230223	1345.56	2100	178.49- 267.73	98.62
Average of Peak Concentrations =					2700		
27 Aroclor-1260					CAS #: 11096-82-5		
5.357	5.357	0.000	49680	232.734	370	80.00- 120.00	100.00

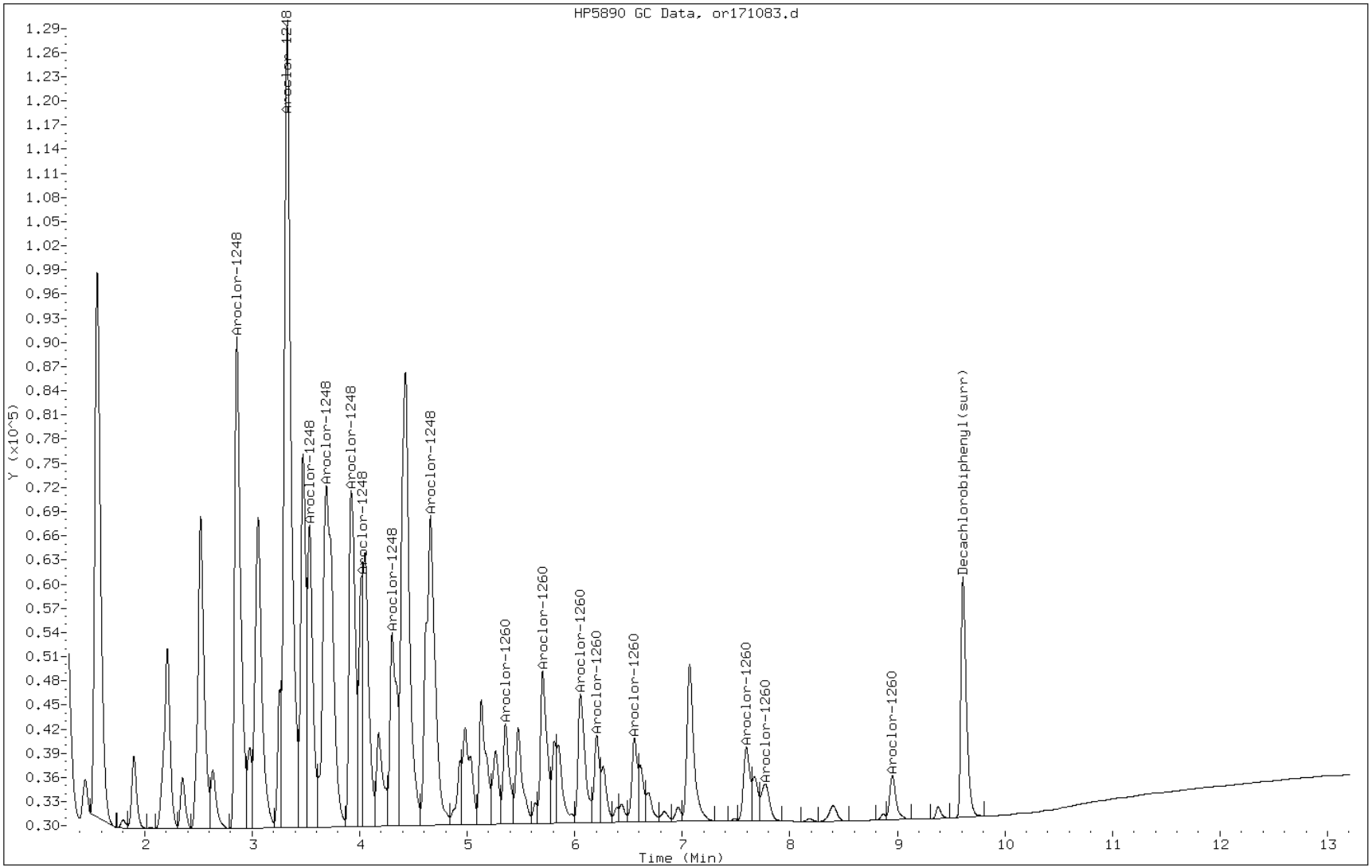
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.702	5.703	-0.001	77539	207.899	330	137.19- 205.78	156.08
6.053	6.057	-0.004	72021	211.963	330	126.77- 190.16	144.97
6.205	6.207	-0.002	37143	248.012	390	56.56- 84.84	74.76
6.555	6.557	-0.002	36981	233.575	370	59.79- 89.68	74.44
7.597	7.600	-0.003	37996	176.895	280	103.96- 155.95	76.48
7.772	7.772	0.000	23927	210.082	330	47.06- 70.60	48.16
8.953	8.957	-0.004	22635	225.058	350	38.69- 58.03	45.56
Average of Peak Concentrations =					340		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.610	0.000	104193	28.1025	44	80.00- 120.00	100.00

Data File: or171083.d

Date: 01-APR-2011 01:59

Client ID: PMP-10-ST1-E (15-15 Instrument: PESTGC7.i

Sample Info: 460-24277-F-9-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST2-E (23.5-24) Lab Sample ID: 460-24277-10

Matrix: Solid Lab File ID: of171064.d

Analysis Method: 8082 Date Collected: 03/17/2011 14:45

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 20:08

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	100		80	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		30-150

Data File: of171064.d
Report Date: 01-Apr-2011 03:27

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/of171064.d
Lab Smp Id: 460-24277-F-10-B Client Smp ID: PMP-10-ST2-E (23.5-
Inj Date : 31-MAR-2011 20:08
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-10-B
Misc Info : 460-24277-F-10-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	16.45207	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.177	3.160	0.017	5909	68.8215	55	80.00- 120.00	100.00(M)
3.645	3.633	0.012	18052	109.938	88	152.98- 229.47	305.47
3.932	3.922	0.010	7342	90.6447	72	75.46- 113.20	124.24
4.188	4.180	0.008	38667	127.532	100	282.47- 423.70	654.30
4.358	4.350	0.008	18059	139.245	110	120.83- 181.24	305.59
4.605	4.598	0.007	10520	161.142	130	60.83- 91.24	178.03
5.102	5.097	0.005	21373	175.134	140	113.70- 170.55	361.67
5.430	5.425	0.005	15844	179.090	140	82.42- 123.63	268.10
Average of Peak Concentrations =					100		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	178486	60.1646	48	80.00- 120.00	100.00

Data File: of171064.d
Report Date: 01-Apr-2011 03:27

QC Flag Legend

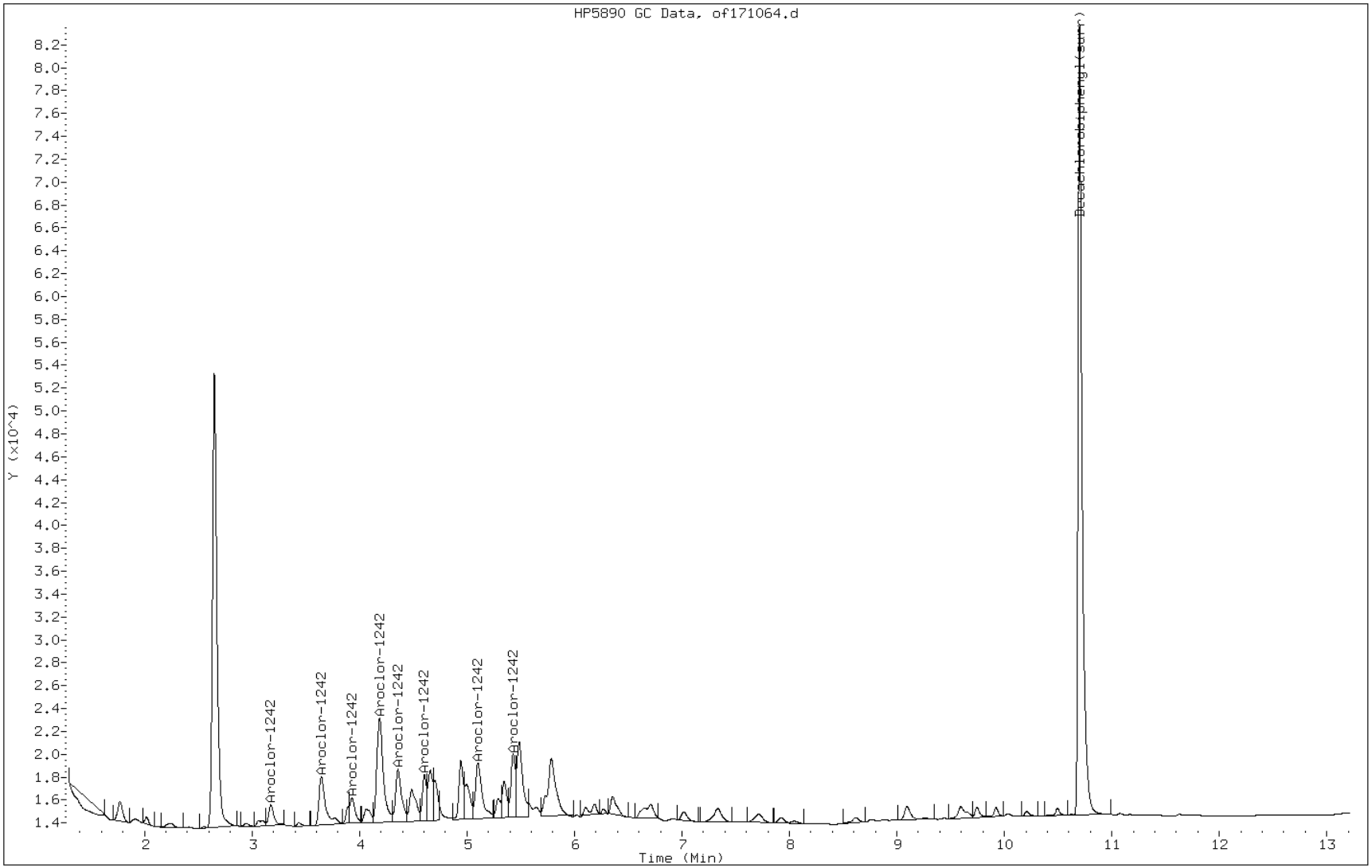
M - Compound response manually integrated.

Data File: of171064.d

Date: 31-MAR-2011 20:08

Client ID: PMP-10-ST2-E (23.5- Instrument: PESTGC7.i

Sample Info: 460-24277-F-10-B Operator: 615



Manual Integration Report

Data File: of171064.d
Inj. Date and Time: 31-MAR-2011 20:08
Instrument ID: PESTGC7.i
Client ID: PMP-10-ST2-E (23.5-
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

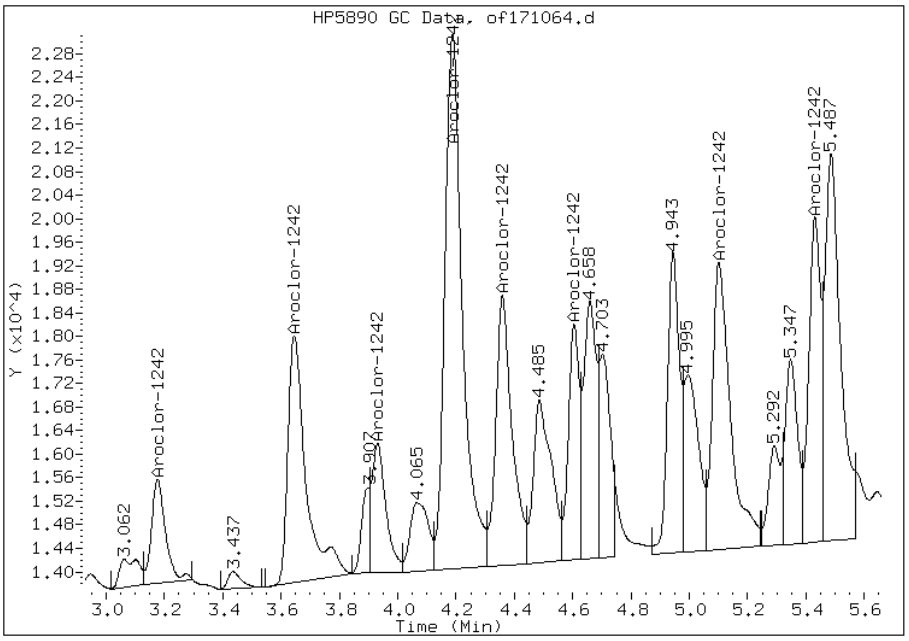
Manual Integration Results

RT: 3.18

Response: 5909

Amount: 131.44

Conc: 100.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST2-E (23.5-24) Lab Sample ID: 460-24277-10

Matrix: Solid Lab File ID: or171064.d

Analysis Method: 8082 Date Collected: 03/17/2011 14:45

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 20:08

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	80	U	80	15
11104-28-2	Aroclor 1221	80	U	80	24
11141-16-5	Aroclor 1232	80	U	80	45
12672-29-6	Aroclor 1248	80	U	80	21
11097-69-1	Aroclor 1254	80	U	80	27
11096-82-5	Aroclor 1260	80	U	80	9.0
37324-23-5	Aroclor 1262	80	U	80	14
11100-14-4	Aroclor 1268	80	U	80	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/or171064.d
Lab Smp Id: 460-24277-F-10-B Client Smp ID: PMP-10-ST2-E (23.5-
Inj Date : 31-MAR-2011 20:08
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-10-B
Misc Info : 460-24277-F-10-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	16.45207	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.530	2.512	0.018	6462	76.5141	61	80.00- 120.00	100.00
2.865	2.852	0.013	12088	88.5341	71	129.33- 194.00	187.06
3.062	3.052	0.010	9236	94.9141	76	92.18- 138.26	142.93
3.332	3.323	0.009	31992	114.254	91	265.24- 397.85	495.08
3.480	3.470	0.010	12013	118.872	95	95.73- 143.59	185.90
3.695	3.692	0.003	29288	153.323	120	180.95- 271.42	453.23
3.927	3.922	0.005	16620	146.087	120	107.77- 161.65	257.20
4.663	4.667	-0.004	27181	258.110	200	99.75- 149.63	420.63
Average of Peak Concentrations =					100		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.610	0.000	210995	56.9087	45	80.00- 120.00	100.00

Data File: or171064.d

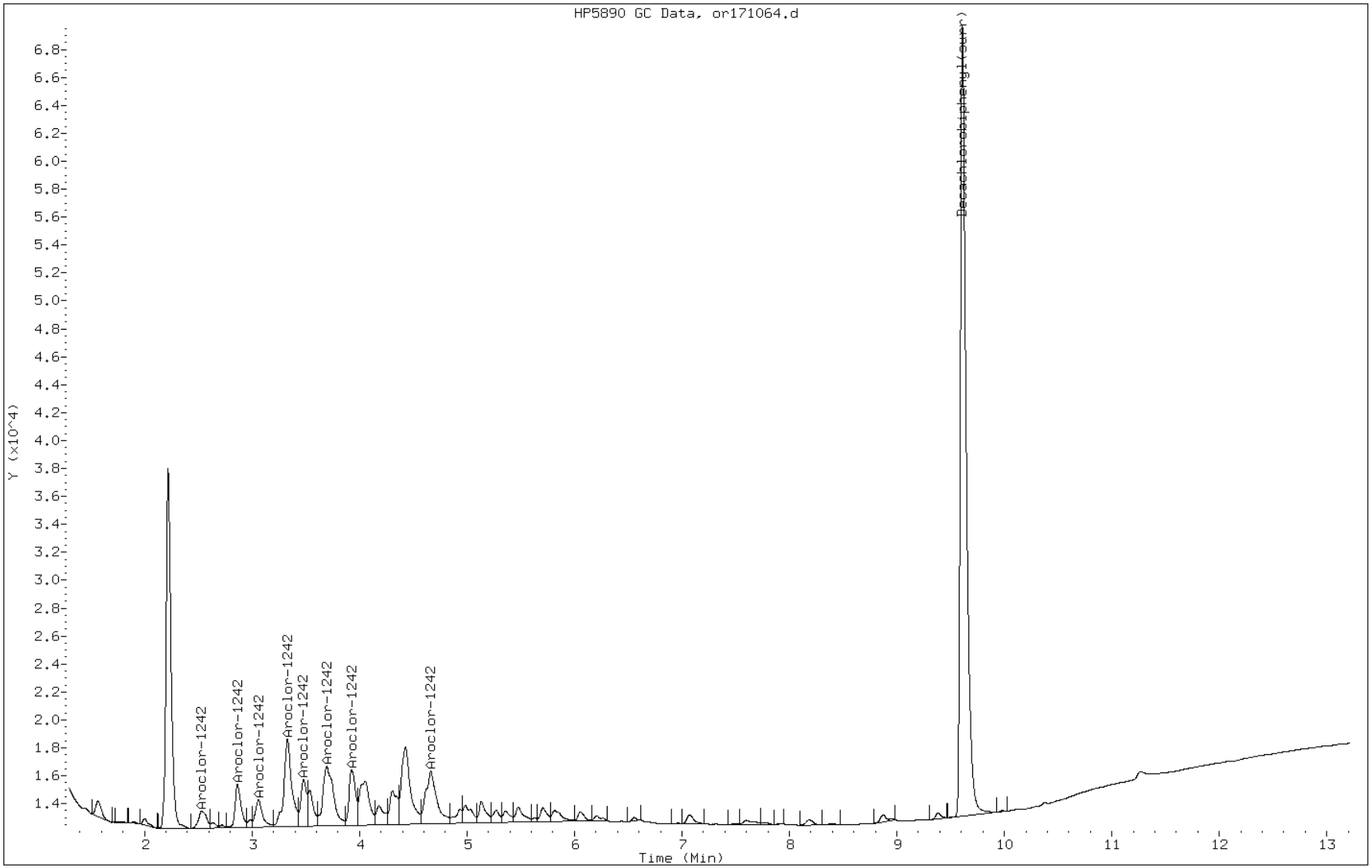
Date: 31-MAR-2011 20:08

Client ID: PMP-10-ST2-E (23.5-

Instrument: PESTGC7.i

Sample Info: 460-24277-F-10-B

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-VD-E (3.5-4) Lab Sample ID: 460-24277-11

Matrix: Solid Lab File ID: of171065.d

Analysis Method: 8082 Date Collected: 03/17/2011 16:00

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 20:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		30-150

Data File: of171065.d
Report Date: 01-Apr-2011 03:27

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/of171065.d
Lab Smp Id: 460-24277-F-11-B Client Smp ID: PMP-13-VD-E (3.5-4)
Inj Date : 31-MAR-2011 20:24
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-11-B
Misc Info : 460-24277-F-11-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	3.93939	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.645	3.630	0.015	16026	181.294	120	80.00- 120.00	100.00(M)
4.188	4.178	0.010	76527	383.696	260	180.49- 270.73	477.49
4.522	4.478	0.044	17340	580.714	400	27.02- 40.53	108.20
4.598	4.597	0.001	61230	544.802	380	101.71- 152.56	382.05
4.938	4.938	0.000	57455	384.570	270	135.20- 202.80	358.50
5.097	5.095	0.002	94945	508.527	350	168.96- 253.44	592.41
5.425	5.425	0.000	61986	391.508	270	143.28- 214.92	386.77
5.482	5.482	0.000	164108	681.924	470	217.78- 326.67	1023.96
Average of Peak Concentrations =					320		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.698	10.698	0.000	182085	61.3775	42	80.00- 120.00	100.00

Data File: of171065.d
Report Date: 01-Apr-2011 03:27

QC Flag Legend

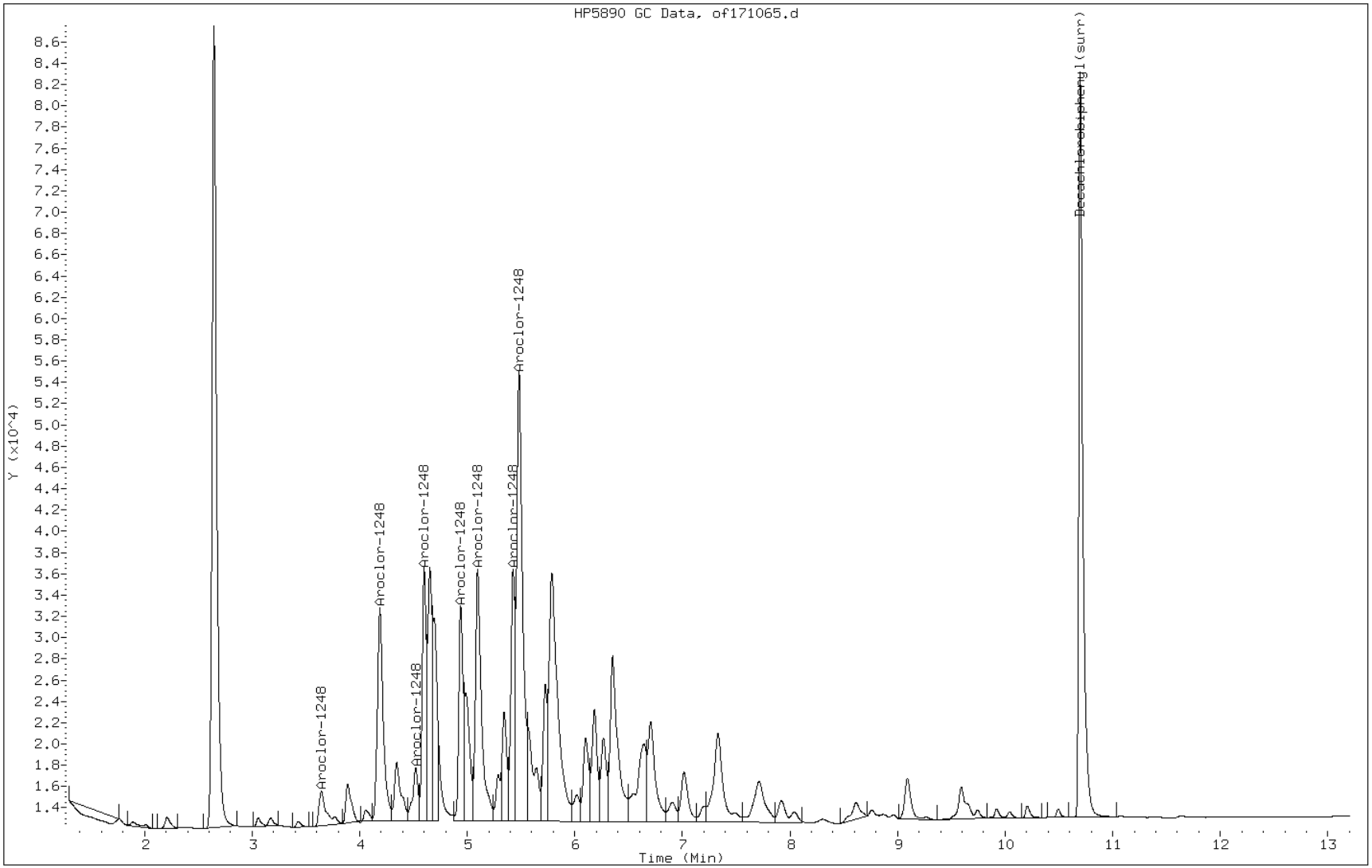
M - Compound response manually integrated.

Data File: of171065.d

Date: 31-MAR-2011 20:24

Client ID: PMP-13-VD-E (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24277-F-11-B Operator: 615



Manual Integration Report

Data File: of171065.d
Inj. Date and Time: 31-MAR-2011 20:24
Instrument ID: PESTGC7.i
Client ID: PMP-13-VD-E (3.5-4)
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.63

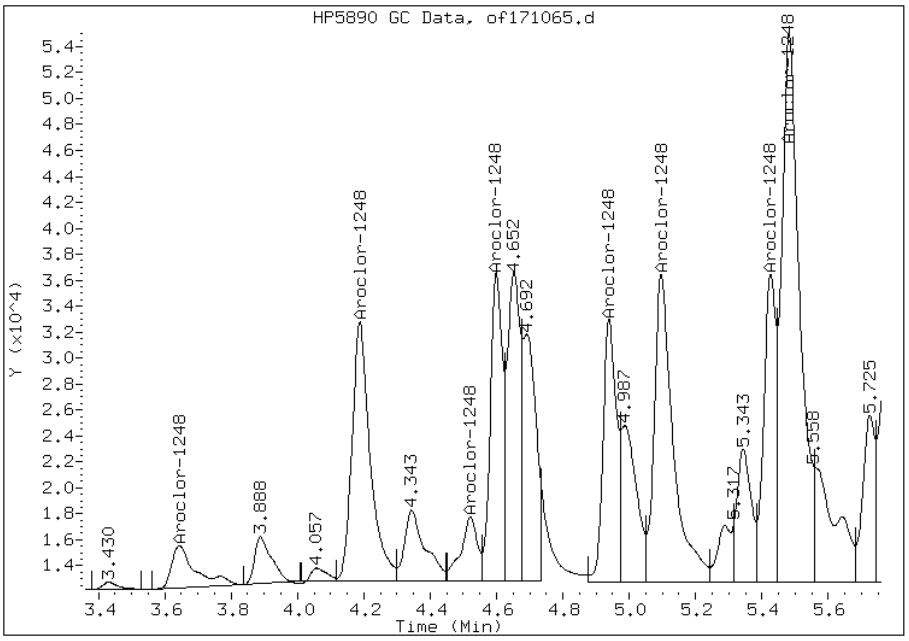
Manual Integration Results

RT: 3.64

Response: 16026

Amount: 457.13

Conc: 320.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-VD-E (3.5-4) Lab Sample ID: 460-24277-11

Matrix: Solid Lab File ID: or171065.d

Analysis Method: 8082 Date Collected: 03/17/2011 16:00

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 20:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	39
53469-21-9	Aroclor 1242	70	U	70	13
12672-29-6	Aroclor 1248	330		70	18
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.8
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/or171065.d
Lab Smp Id: 460-24277-F-11-B Client Smp ID: PMP-13-VD-E (3.5-4)
Inj Date : 31-MAR-2011 20:24
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-11-B
Misc Info : 460-24277-F-11-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	3.93939	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.865	2.850	0.015	9411	122.716	85	80.00- 120.00	100.00(M)
3.333	3.322	0.011	73604	386.541	270	198.64- 297.96	782.11
3.497	3.530	-0.033	22141	502.759	350	45.94- 68.91	235.27
3.693	3.688	0.005	152422	512.710	350	310.12- 465.18	1619.62
3.925	3.920	0.005	63307	364.357	250	181.25- 271.88	672.69
4.017	4.015	0.002	74711	810.200	560	96.19- 144.29	793.87
4.307	4.305	0.002	19986	273.204	190	76.31- 114.47	212.37
4.663	4.663	0.000	141618	827.701	570	178.49- 267.73	1504.81
Average of Peak Concentrations =					330		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.610	0.000	214543	57.8657	40	80.00- 120.00	100.00

QC Flag Legend

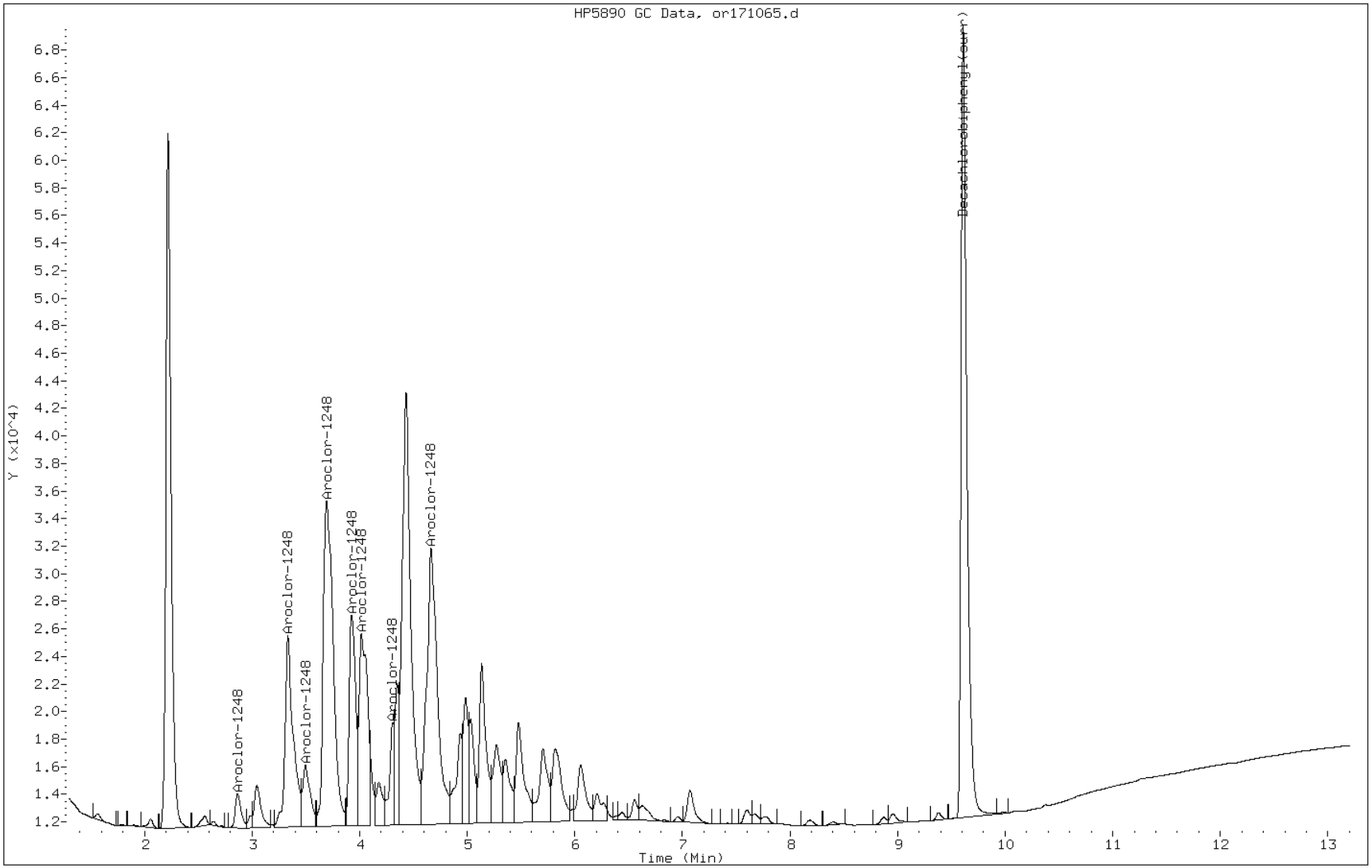
M - Compound response manually integrated.

Data File: or171065.d

Date: 31-MAR-2011 20:24

Client ID: PMP-13-VD-E (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24277-F-11-B Operator: 615



Manual Integration Report

Data File: or171065.d
Inj. Date and Time: 31-MAR-2011 20:24
Instrument ID: PESTGC7.i
Client ID: PMP-13-VD-E (3.5-4)
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

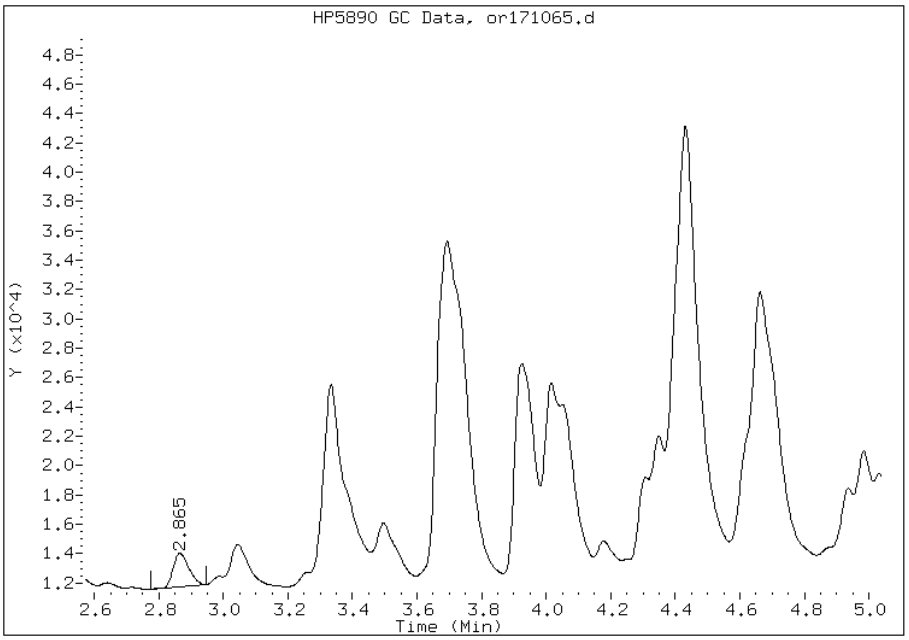
Processing Integration Results

RT: 2.87

Response: 7705

Amount: 309.77

Conc: 210.00



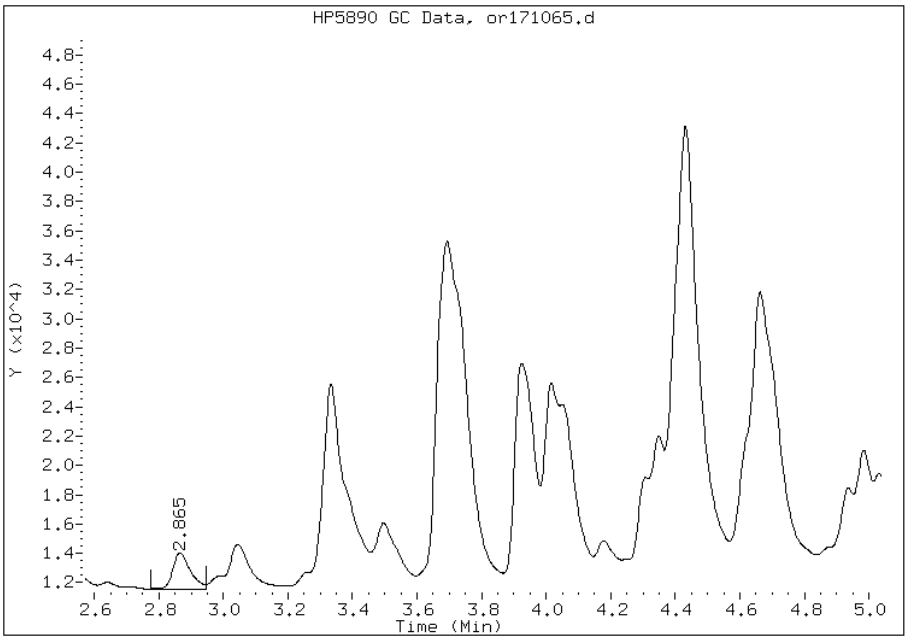
Manual Integration Results

RT: 2.87

Response: 9411

Amount: 475.02

Conc: 330.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) Lab Sample ID: 460-24277-12

Matrix: Solid Lab File ID: of171084.d

Analysis Method: 8082 Date Collected: 03/17/2011 16:05

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.03(g) Date Analyzed: 04/01/2011 02:15

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	130000		7400	1400

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of171084.d
Report Date: 01-Apr-2011 04:18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/of171084.d
Lab Smp Id: 460-24277-F-12-D Client Smp ID: PMP-13-WT-E (7.5-8.
Inj Date : 01-APR-2011 02:15
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-12-D
Misc Info : 460-24277-F-12-D
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 40
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	9.47109	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.172	3.160	0.012	107371	1250.39	92000	80.00- 120.00	100.00(M)
3.643	3.633	0.010	295268	1798.15	130000	152.98- 229.47	275.00
3.928	3.922	0.006	149753	1848.76	140000	75.46- 113.20	139.47
4.187	4.180	0.007	561948	1853.42	140000	282.47- 423.70	523.37
4.357	4.350	0.007	236078	1820.27	130000	120.83- 181.24	219.87
4.603	4.598	0.005	122979	1883.61	140000	60.83- 91.24	114.54
5.100	5.097	0.003	257494	2109.88	160000	113.70- 170.55	239.82
5.428	5.425	0.003	166173	1878.30	140000	82.42- 123.63	154.77
Average of Peak Concentrations =					130000		

Data File: of171084.d
Report Date: 01-Apr-2011 04:18

QC Flag Legend

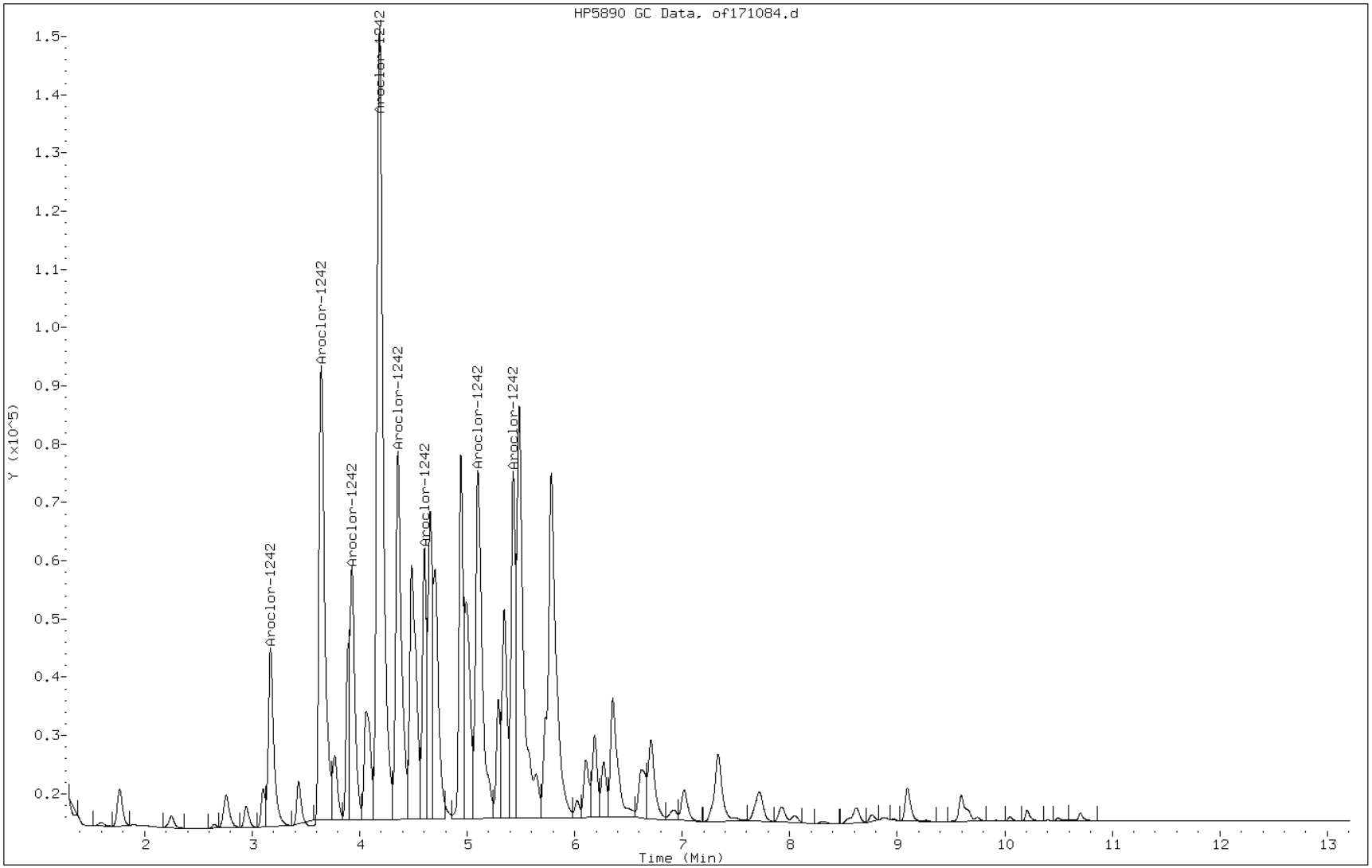
M - Compound response manually integrated.

Data File: of171084.d

Date: 01-APR-2011 02:15

Client ID: PMP-13-WT-E (7.5-8. Instrument: PESTGC7.i

Sample Info: 460-24277-F-12-D Operator: 615



Manual Integration Report

Data File: of171084.d
Inj. Date and Time: 01-APR-2011 02:15
Instrument ID: PESTGC7.i
Client ID: PMP-13-WT-E (7.5-8.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

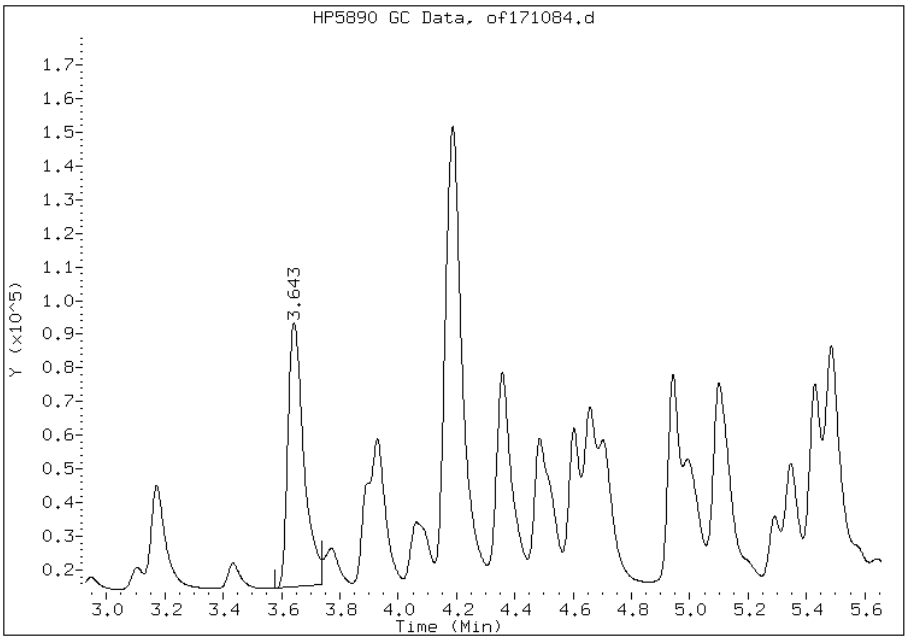
Processing Integration Results

RT: 3.64

Response: 298429

Amount: 1822.38

Conc: 1300.00



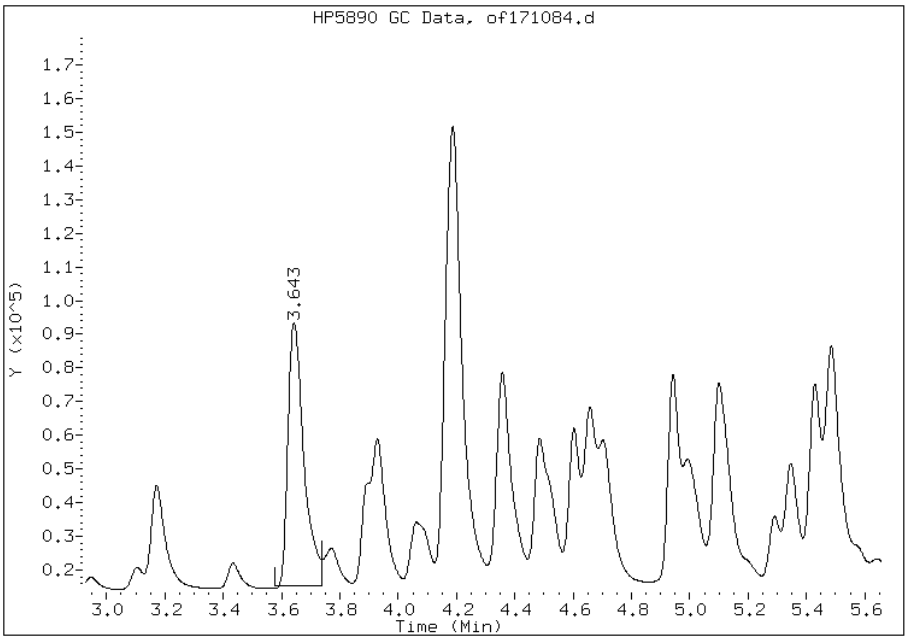
Manual Integration Results

RT: 3.64

Response: 295268

Amount: 1805.35

Conc: 130000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) Lab Sample ID: 460-24277-12

Matrix: Solid Lab File ID: or171084.d

Analysis Method: 8082 Date Collected: 03/17/2011 16:05

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.03(g) Date Analyzed: 04/01/2011 02:15

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	7400	U	7400	1400
11104-28-2	Aroclor 1221	7400	U	7400	2200
11141-16-5	Aroclor 1232	7400	U	7400	4200
12672-29-6	Aroclor 1248	7400	U	7400	2000
11097-69-1	Aroclor 1254	7400	U	7400	2500
11096-82-5	Aroclor 1260	7400	U	7400	820
37324-23-5	Aroclor 1262	7400	U	7400	1300
11100-14-4	Aroclor 1268	7400	U	7400	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/or171084.d
Lab Smp Id: 460-24277-F-12-D Client Smp ID: PMP-13-WT-E (7.5-8.
Inj Date : 01-APR-2011 02:15
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-12-D
Misc Info : 460-24277-F-12-D
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 40
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	9.47109	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.525	2.512	0.013	93830	1111.01	82000	80.00- 120.00	100.00(MH)
2.860	2.852	0.008	237809	1741.74	130000	129.33- 194.00	253.45
3.058	3.052	0.006	178619	1835.59	130000	92.18- 138.26	190.36
3.328	3.323	0.005	492550	1759.06	130000	265.24- 397.85	524.94
3.477	3.470	0.007	168959	1671.90	120000	95.73- 143.59	180.07
3.693	3.692	0.001	189873	993.985	73000	180.95- 271.42	202.36
3.923	3.922	0.001	197345	1734.63	130000	107.77- 161.65	210.32
4.662	4.667	-0.005	145192	1378.74	100000	99.75- 149.63	154.74
Average of Peak Concentrations =					110000		

QC Flag Legend

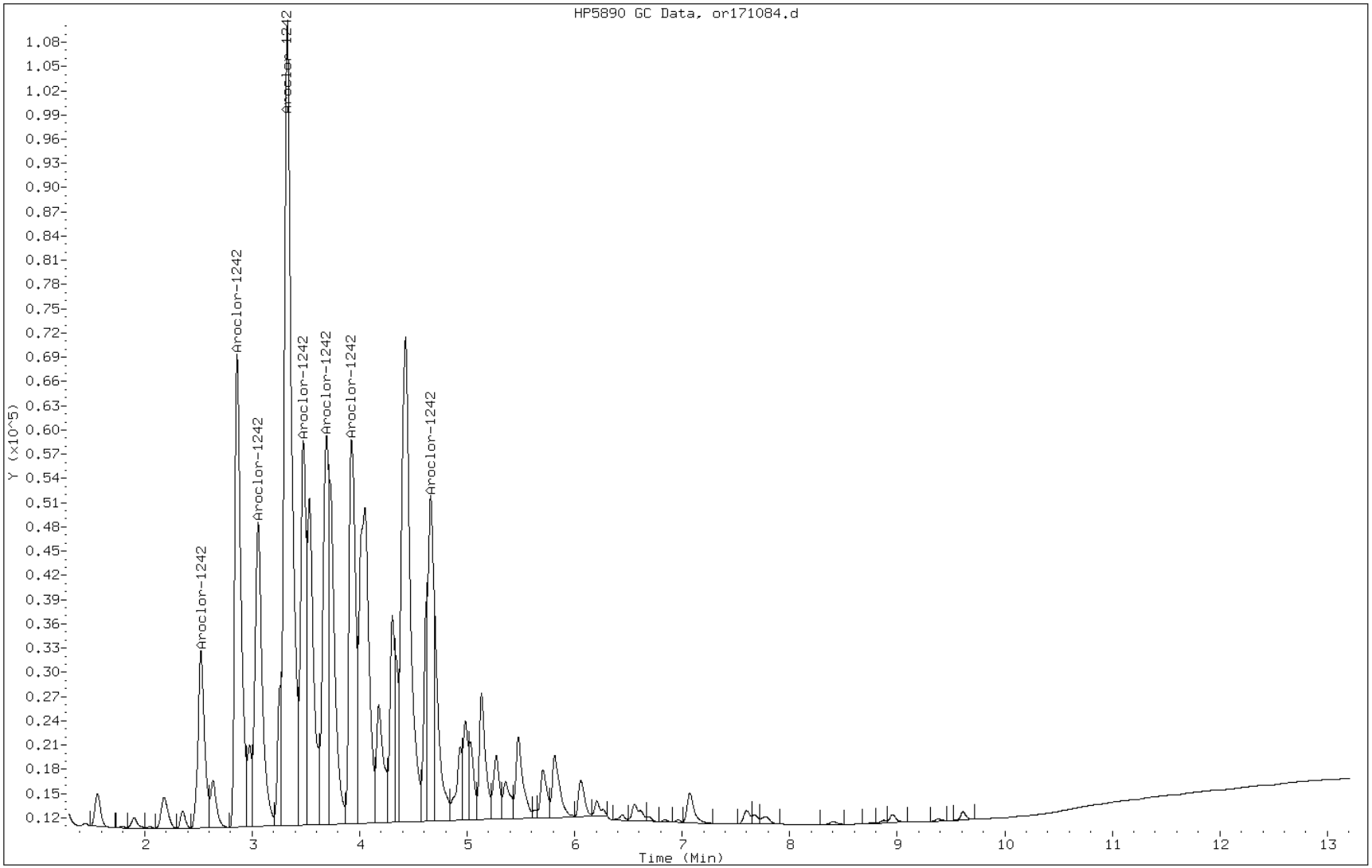
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or171084.d

Date: 01-APR-2011 02:15

Client ID: PMP-13-WT-E (7.5-8. Instrument: PESTGC7.i

Sample Info: 460-24277-F-12-D Operator: 615



Manual Integration Report

Data File: or171084.d
Inj. Date and Time: 01-APR-2011 02:15
Instrument ID: PESTGC7.i
Client ID: PMP-13-WT-E (7.5-8.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 2.51

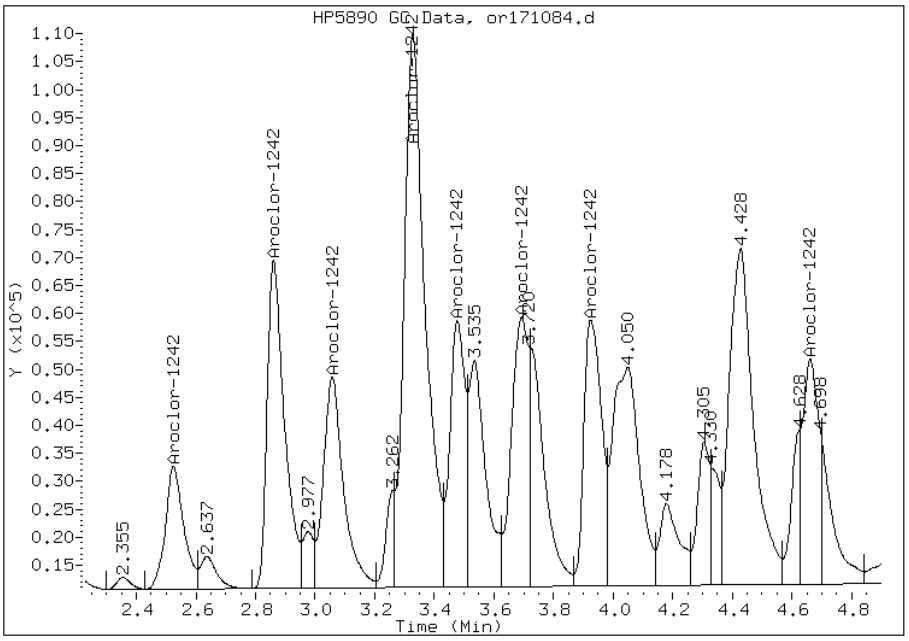
Manual Integration Results

RT: 2.52

Response: 93830

Amount: 1528.33

Conc: 110000.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SI-E (15.5-16) Lab Sample ID: 460-24277-13

Matrix: Solid Lab File ID: of171067.d

Analysis Method: 8082 Date Collected: 03/17/2011 16:10

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 20:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		30-150

Data File: of171067.d
Report Date: 01-Apr-2011 03:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/of171067.d
Lab Smp Id: 460-24277-F-13-B Client Smp ID: PMP-13-SI-E (15.5-1
Inj Date : 31-MAR-2011 20:56
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-13-B
Misc Info : 460-24277-F-13-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	10.56911	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.642	3.630	0.012	153409	1735.34	1300	80.00- 120.00	100.00(M)
4.187	4.178	0.009	317658	1592.69	1200	180.49- 270.73	207.07
4.483	4.478	0.005	0			27.02- 40.53	0.00
4.602	4.597	0.005	65124	579.454	430	101.71- 152.56	42.45
4.942	4.938	0.004	94790	634.464	470	135.20- 202.80	61.79
5.098	5.095	0.003	134190	718.727	540	168.96- 253.44	87.47
5.428	5.425	0.003	76131	480.844	360	143.28- 214.92	49.63
5.483	5.482	0.001	121182	503.554	380	217.78- 326.67	78.99
Average of Peak Concentrations =					660		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.698	10.698	0.000	170175	57.3628	43	80.00- 120.00	100.00

Data File: of171067.d
Report Date: 01-Apr-2011 03:28

QC Flag Legend

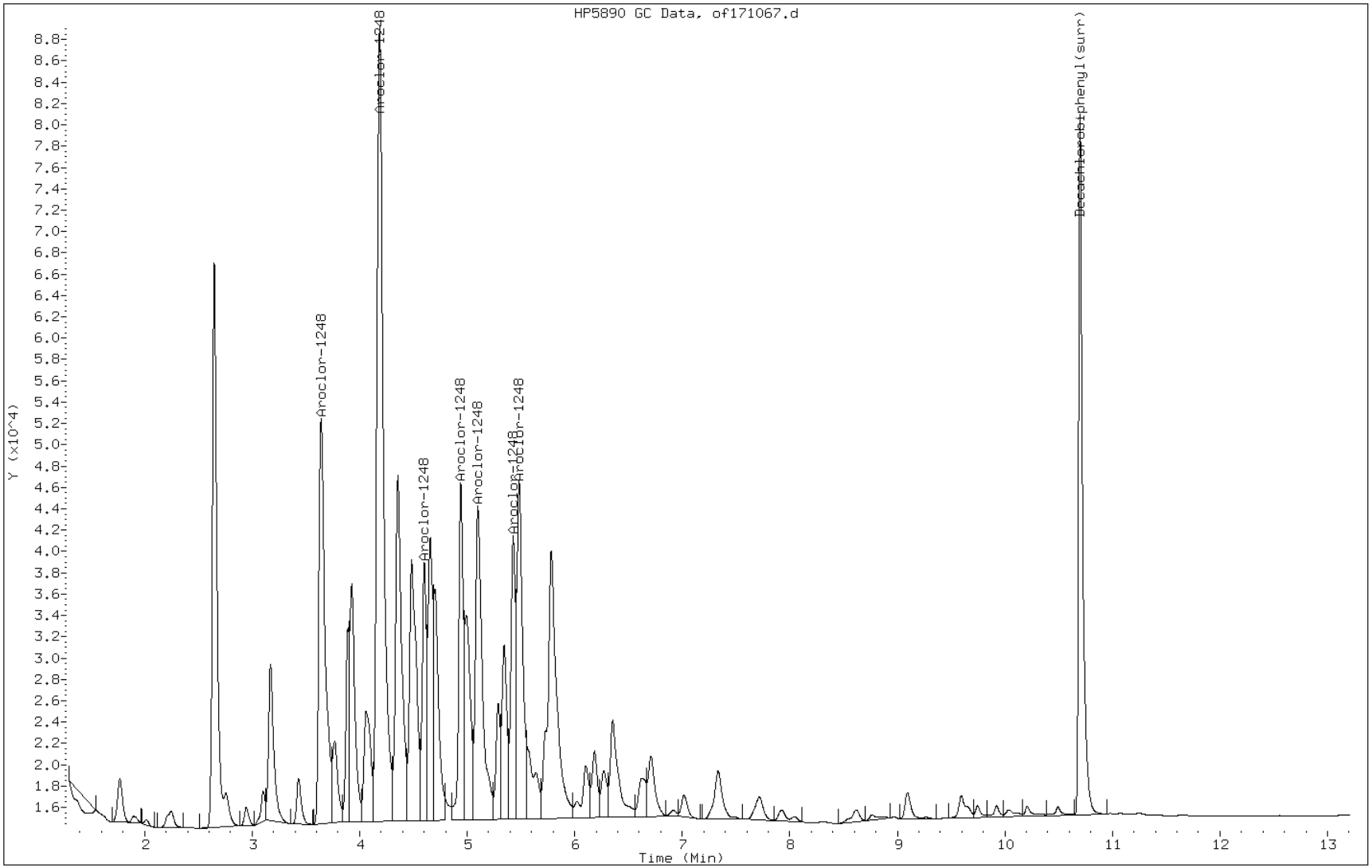
M - Compound response manually integrated.

Data File: of171067.d

Date: 31-MAR-2011 20:56

Client ID: PMP-13-SI-E (15.5-1 Instrument: PESTGC7.i

Sample Info: 460-24277-F-13-B Operator: 615



Manual Integration Report

Data File: of171067.d
Inj. Date and Time: 31-MAR-2011 20:56
Instrument ID: PESTGC7.i
Client ID: PMP-13-SI-E (15.5-1
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.63

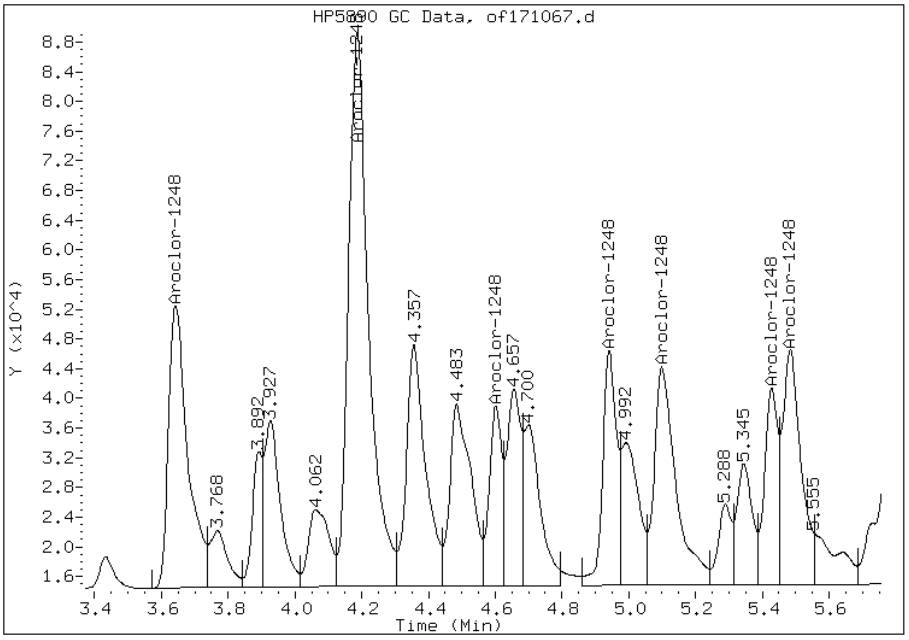
Manual Integration Results

RT: 3.64

Response: 153409

Amount: 892.15

Conc: 660.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SI-E (15.5-16) Lab Sample ID: 460-24277-13

Matrix: Solid Lab File ID: or171067.d

Analysis Method: 8082 Date Collected: 03/17/2011 16:10

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 20:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	75	U	75	14
11104-28-2	Aroclor 1221	75	U	75	23
11141-16-5	Aroclor 1232	75	U	75	42
53469-21-9	Aroclor 1242	75	U	75	14
12672-29-6	Aroclor 1248	810		75	20
11097-69-1	Aroclor 1254	75	U	75	26
11096-82-5	Aroclor 1260	75	U	75	8.4
37324-23-5	Aroclor 1262	75	U	75	13
11100-14-4	Aroclor 1268	75	U	75	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/or171067.d
Lab Smp Id: 460-24277-F-13-B Client Smp ID: PMP-13-SI-E (15.5-1
Inj Date : 31-MAR-2011 20:56
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-13-B
Misc Info : 460-24277-F-13-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	10.56911	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.863	2.850	0.013	114844	1497.53	1100	80.00- 120.00	100.00(H)
3.330	3.322	0.008	264119	1387.06	1000	198.64- 297.96	229.98
3.537	3.530	0.007	83616	1898.68	1400	45.94- 68.91	72.81
3.693	3.688	0.005	177368	596.622	440	310.12- 465.18	154.44
3.925	3.920	0.005	100988	581.226	430	181.25- 271.88	87.93
4.053	4.015	0.038	118354	1283.48	960	96.19- 144.29	103.06
4.307	4.305	0.002	52174	713.208	530	76.31- 114.47	45.43
4.662	4.663	-0.001	123321	720.762	540	178.49- 267.73	107.38
Average of Peak Concentrations =					810		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.612	9.610	0.002	198647	53.5783	40	80.00- 120.00	100.00

QC Flag Legend

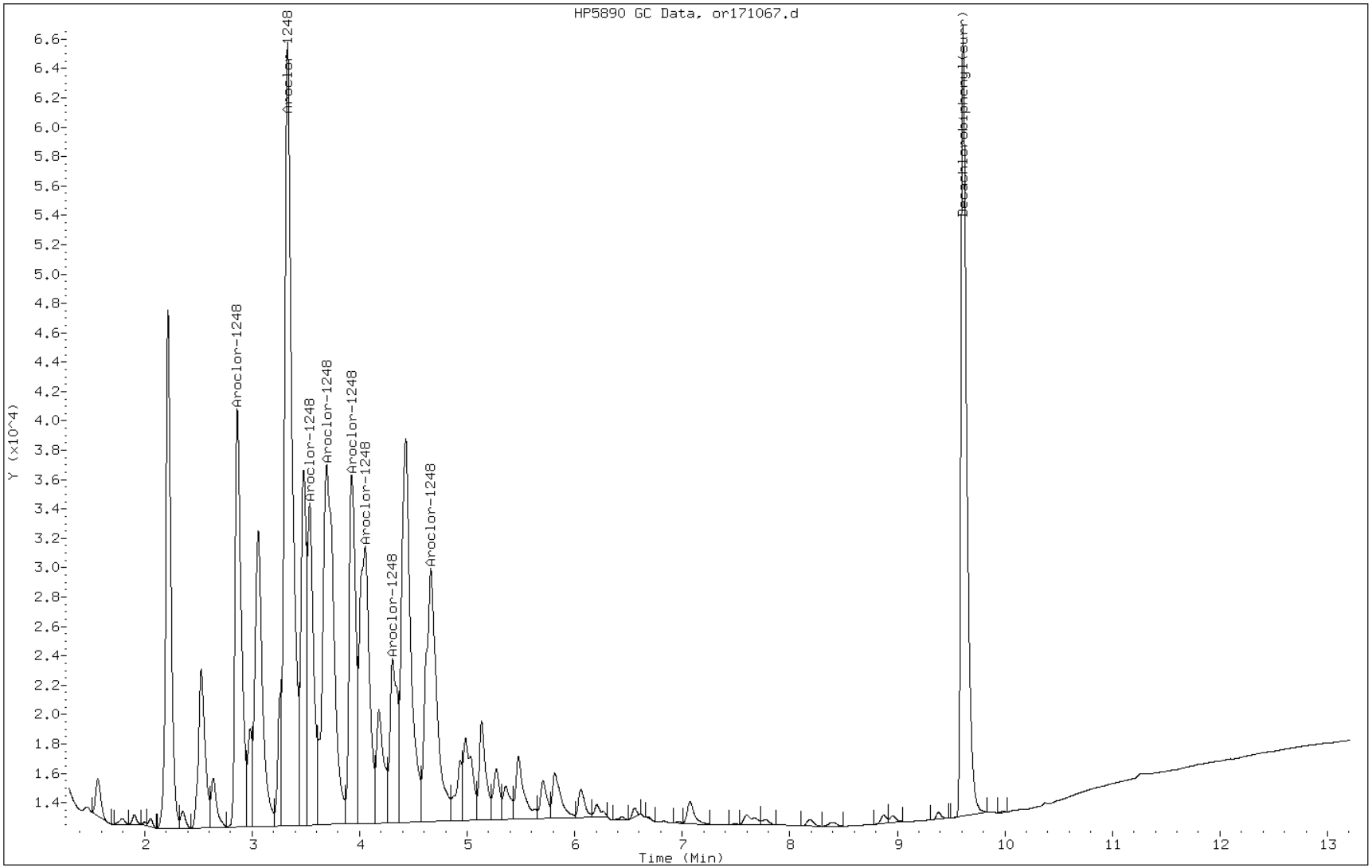
H - Operator selected an alternate compound hit.

Data File: or171067.d

Date: 31-MAR-2011 20:56

Client ID: PMP-13-SI-E (15.5-1 Instrument: PESTGC7.i

Sample Info: 460-24277-F-13-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SD-E (23.5-24) Lab Sample ID: 460-24277-14

Matrix: Solid Lab File ID: of171068.d

Analysis Method: 8082 Date Collected: 03/17/2011 16:15

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 21:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	330		79	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		30-150

Data File: of171068.d
Report Date: 01-Apr-2011 03:29

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/of171068.d
Lab Smp Id: 460-24277-F-14-B Client Smp ID: PMP-13-SD-E (23.5-2
Inj Date : 31-MAR-2011 21:12
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-14-B
Misc Info : 460-24277-F-14-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	15.38462	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.173	3.160	0.013	38779	451.602	360	80.00- 120.00	100.00(M)
3.643	3.633	0.010	79373	483.376	380	152.98- 229.47	204.68
3.930	3.922	0.008	38128	470.713	370	75.46- 113.20	98.32
4.190	4.180	0.010	124127	409.397	320	282.47- 423.70	320.09
4.358	4.350	0.008	49969	385.287	300	120.83- 181.24	128.86
4.603	4.598	0.005	28233	432.442	340	60.83- 91.24	72.81
5.102	5.097	0.005	50131	410.770	320	113.70- 170.55	129.27
5.430	5.425	0.005	26616	300.855	240	82.42- 123.63	68.64
Average of Peak Concentrations =					330		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.698	10.698	0.000	191843	64.6668	51	80.00- 120.00	100.00

Data File: of171068.d
Report Date: 01-Apr-2011 03:29

QC Flag Legend

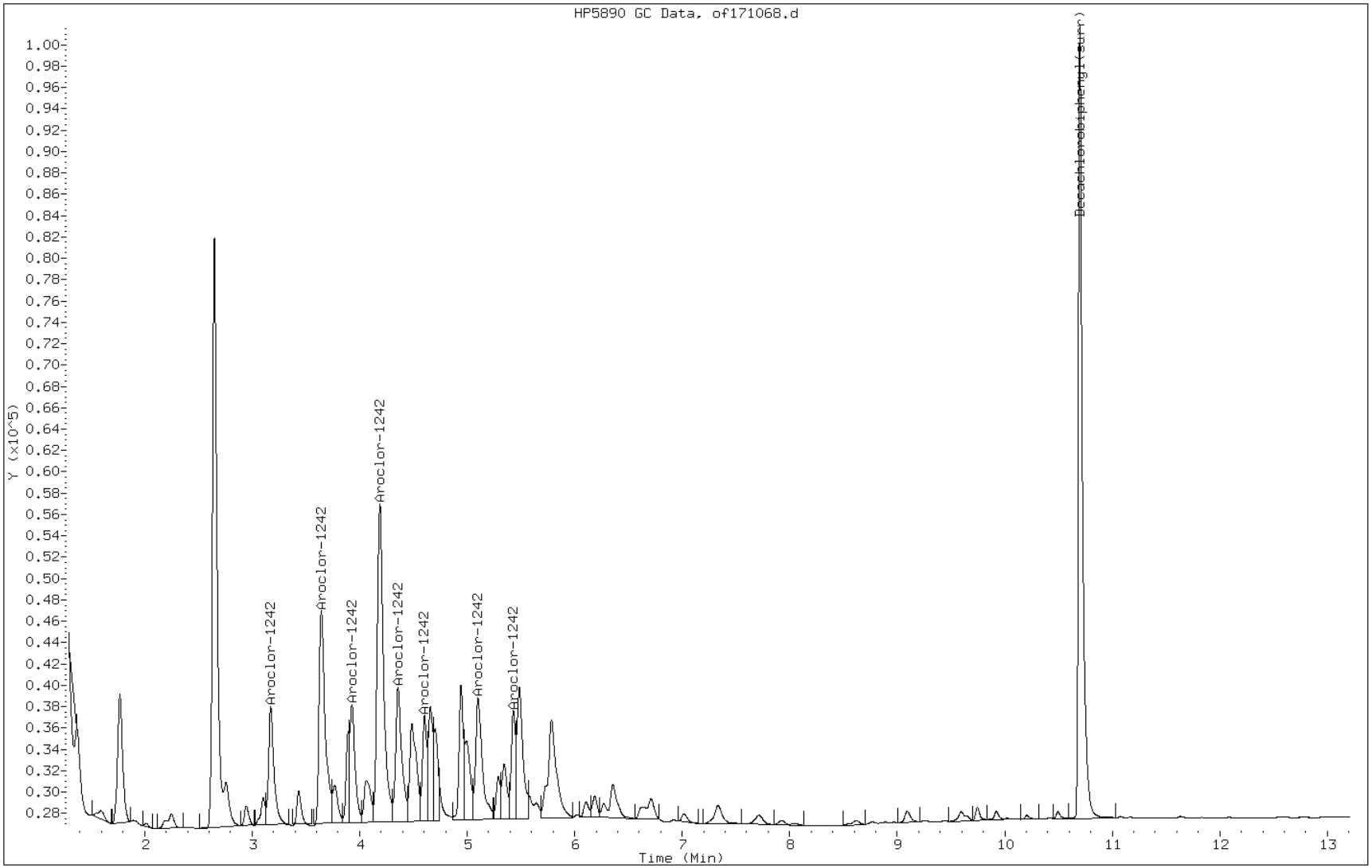
M - Compound response manually integrated.

Data File: of171068.d

Date: 31-MAR-2011 21:12

Client ID: PMP-13-SD-E (23.5-2 Instrument: PESTGC7.i

Sample Info: 460-24277-F-14-B Operator: 615



Manual Integration Report

Data File: of171068.d
Inj. Date and Time: 31-MAR-2011 21:12
Instrument ID: PESTGC7.i
Client ID: PMP-13-SD-E (23.5-2
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

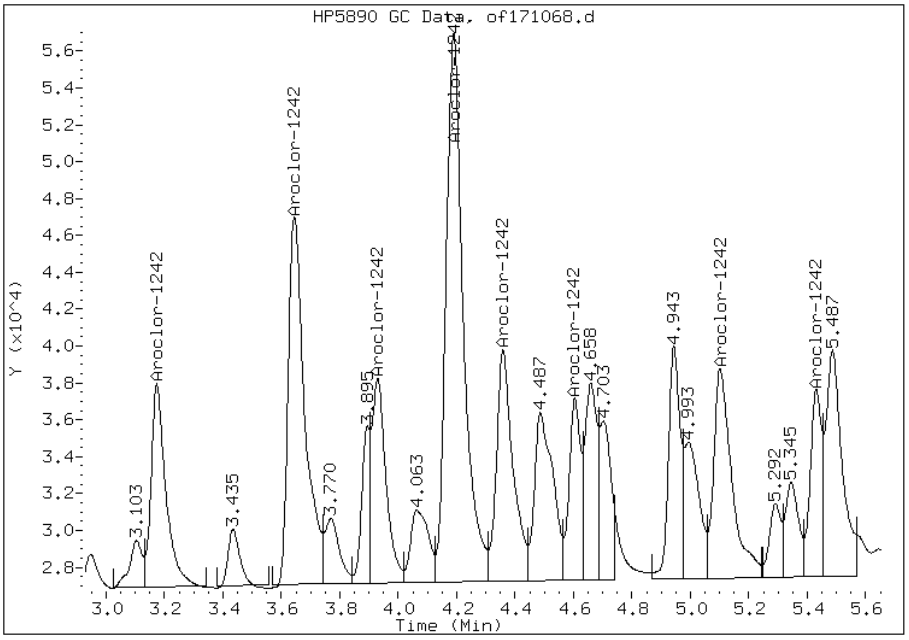
Manual Integration Results

RT: 3.17

Response: 38779

Amount: 418.06

Conc: 330.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SD-E (23.5-24) Lab Sample ID: 460-24277-14

Matrix: Solid Lab File ID: or171068.d

Analysis Method: 8082 Date Collected: 03/17/2011 16:15

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 21:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	79	U	79	15
11104-28-2	Aroclor 1221	79	U	79	24
11141-16-5	Aroclor 1232	79	U	79	45
12672-29-6	Aroclor 1248	79	U	79	21
11097-69-1	Aroclor 1254	79	U	79	27
11096-82-5	Aroclor 1260	79	U	79	8.8
37324-23-5	Aroclor 1262	79	U	79	14
11100-14-4	Aroclor 1268	79	U	79	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/or171068.d
Lab Smp Id: 460-24277-F-14-B Client Smp ID: PMP-13-SD-E (23.5-2
Inj Date : 31-MAR-2011 21:12
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-14-B
Misc Info : 460-24277-F-14-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	15.38462	% Moisture

Cpnd Variable Local Compound Variable

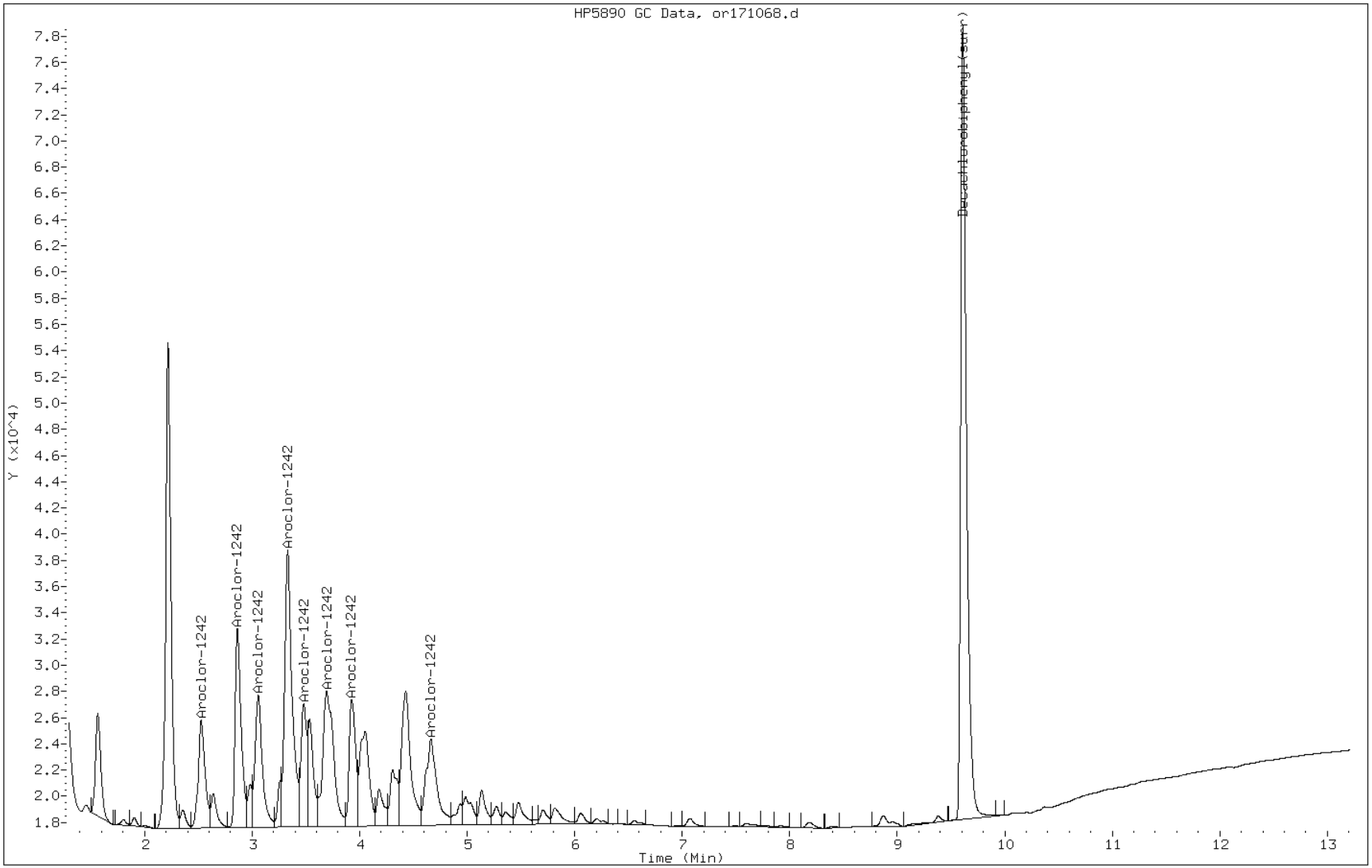
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.527	2.512	0.015	36317	430.016	340	80.00- 120.00	100.00
2.863	2.852	0.011	60189	440.832	350	129.33- 194.00	165.73
3.060	3.052	0.008	47950	492.760	390	92.18- 138.26	132.03
3.332	3.323	0.009	101235	361.545	280	265.24- 397.85	278.75
3.480	3.470	0.010	33949	335.936	260	95.73- 143.59	93.48
3.695	3.692	0.003	72792	381.066	300	180.95- 271.42	200.44
3.925	3.922	0.003	40336	354.546	280	107.77- 161.65	111.07
4.663	4.667	-0.004	46823	444.629	350	99.75- 149.63	128.93
Average of Peak Concentrations =					320		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.610	0.000	223713	60.3390	47	80.00- 120.00	100.00

Data File: or171068.d

Date: 31-MAR-2011 21:12

Client ID: PMP-13-SD-E (23.5-2 Instrument: PESTGC7.i

Sample Info: 460-24277-F-14-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) Lab Sample ID: 460-24277-15

Matrix: Solid Lab File ID: of171069.d

Analysis Method: 8082 Date Collected: 03/18/2011 09:20

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 21:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	32	J	72	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		30-150

Data File: of171069.d
Report Date: 01-Apr-2011 03:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/of171069.d
Lab Smp Id: 460-24277-F-15-B Client Smp ID: PMP-16-VD-E (3.5-4.
Inj Date : 31-MAR-2011 21:28
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-15-B
Misc Info : 460-24277-F-15-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	6.90608	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
0.000	3.160	-3.160	0			80.00- 120.00	0.00(TM)
3.640	3.633	0.007	8680	52.8656	38	152.98- 229.47	0.00
3.925	3.922	0.003	3052	37.6880	27	75.46- 113.20	0.00
4.185	4.180	0.005	13711	45.2237	32	282.47- 423.70	0.00
4.353	4.350	0.003	6319	48.7231	35	120.83- 181.24	0.00
4.600	4.598	0.002	2742	42.0040	30	60.83- 91.24	0.00
5.097	5.097	0.000	4904	40.1845	29	113.70- 170.55	0.00
5.427	5.425	0.002	3952	44.6728	32	82.42- 123.63	0.00
Average of Peak Concentrations =					32		
27 Aroclor-1260					CAS #: 11096-82-5		
6.652	6.655	-0.003	15796	59.6370	43	80.00- 120.00	100.00(M)

Data File: of171069.d
Report Date: 01-Apr-2011 03:30

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.012	7.015	-0.003	12175	41.2792	30	90.28- 135.43	77.08
7.707	7.713	-0.006	18727	44.0390	32	131.95- 197.93	118.56
7.917	7.922	-0.005	9427	47.0897	34	62.20- 93.30	59.68
8.040	8.045	-0.005	3832	33.3291	24	36.92- 55.38	24.26
8.613	8.617	-0.004	11796	51.9907	37	71.31- 106.96	74.68
9.592	9.593	-0.001	13683	52.1035	37	85.18- 127.77	86.62
10.205	10.207	-0.002	4584	50.7411	36	31.17- 46.76	29.02
		Average of Peak Concentrations =			34		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.697	10.698	-0.001	188687	63.6029	46	80.00- 120.00	100.00

QC Flag Legend

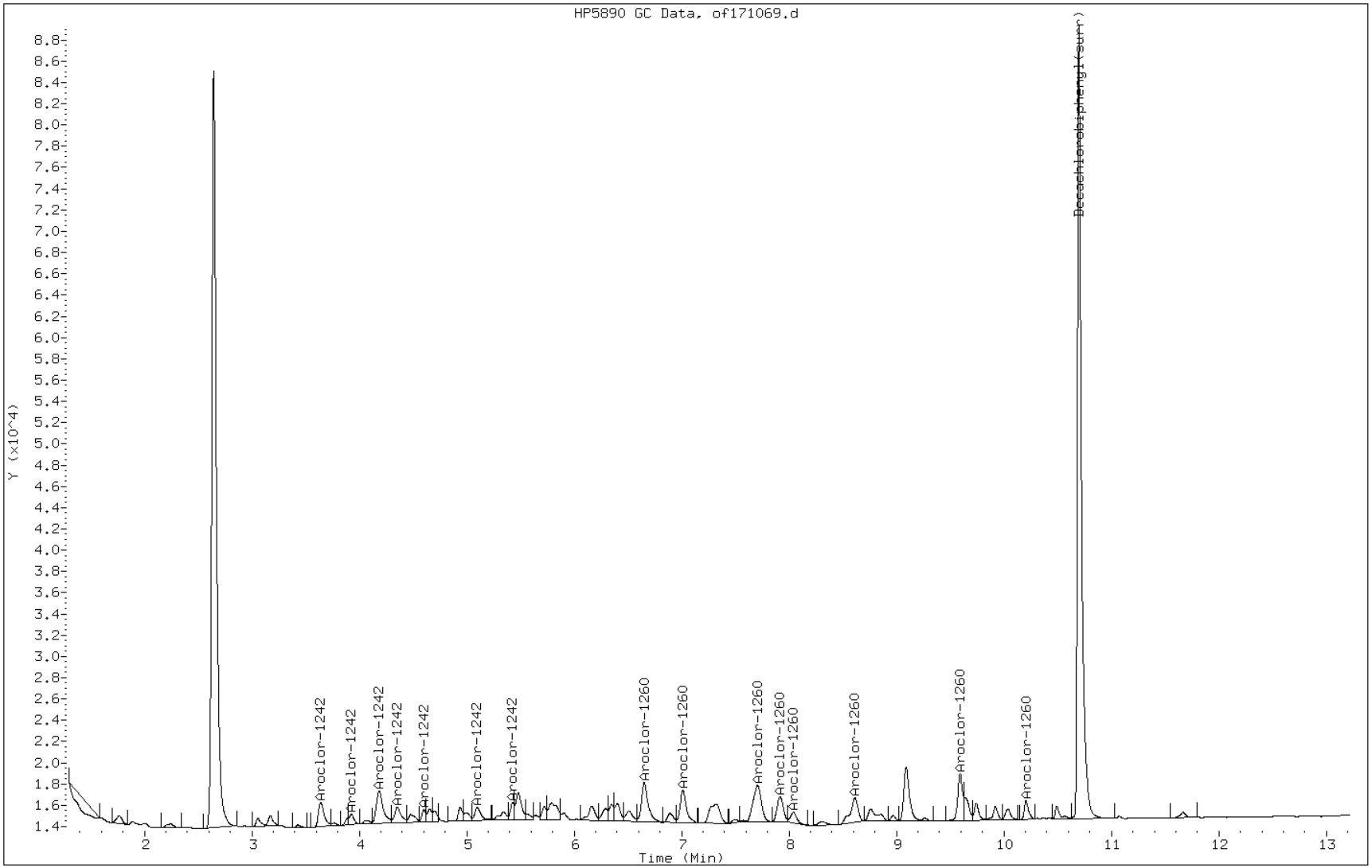
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: of171069.d

Date: 31-MAR-2011 21:28

Client ID: PMP-16-VD-E (3.5-4. Instrument: PESTGC7.i

Sample Info: 460-24277-F-15-B Operator: 615



Manual Integration Report

Data File: of171069.d
Inj. Date and Time: 31-MAR-2011 21:28
Instrument ID: PESTGC7.i
Client ID: PMP-16-VD-E (3.5-4.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

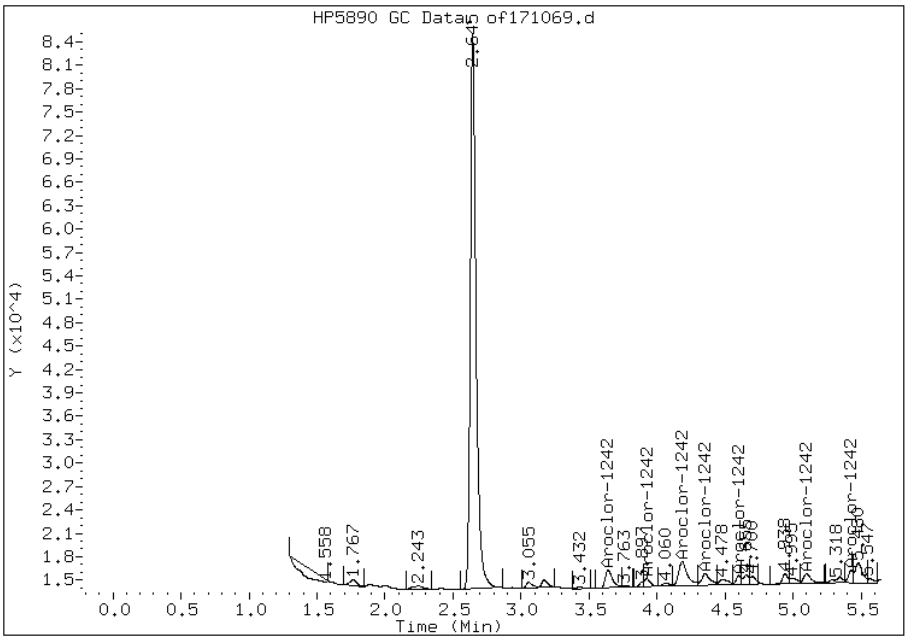
Manual Integration Results

RT: 0.00

Response: 0

Amount: 44.48

Conc: 32.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171069.d
Inj. Date and Time: 31-MAR-2011 21:28
Instrument ID: PESTGC7.i
Client ID: PMP-16-VD-E (3.5-4.
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 6.66

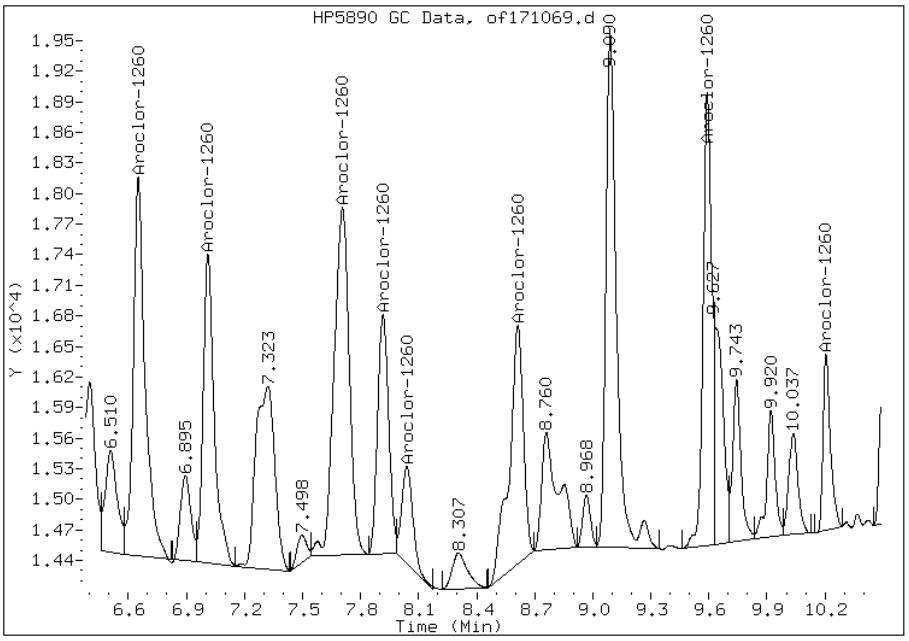
Manual Integration Results

RT: 6.65

Response: 15796

Amount: 47.53

Conc: 34.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) Lab Sample ID: 460-24277-15

Matrix: Solid Lab File ID: or171069.d

Analysis Method: 8082 Date Collected: 03/18/2011 09:20

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 21:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	72	U	72	14
11104-28-2	Aroclor 1221	72	U	72	22
11141-16-5	Aroclor 1232	72	U	72	41
12672-29-6	Aroclor 1248	72	U	72	19
11097-69-1	Aroclor 1254	72	U	72	25
11096-82-5	Aroclor 1260	35	J	72	8.0
37324-23-5	Aroclor 1262	72	U	72	12
11100-14-4	Aroclor 1268	72	U	72	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/or171069.d
Lab Smp Id: 460-24277-F-15-B Client Smp ID: PMP-16-VD-E (3.5-4.
Inj Date : 31-MAR-2011 21:28
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-15-B
Misc Info : 460-24277-F-15-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	6.90608	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.557	2.512	0.045	5166	61.1687	44	80.00- 120.00	100.00(M)
2.863	2.852	0.011	5962	43.6665	31	129.33- 194.00	115.41
3.058	3.052	0.006	3234	33.2343	24	92.18- 138.26	62.60
3.328	3.323	0.005	10338	36.9205	26	265.24- 397.85	200.12
3.478	3.470	0.008	3997	39.5515	28	95.73- 143.59	77.37
3.693	3.692	0.001	7328	38.3621	27	180.95- 271.42	141.85
3.923	3.922	0.001	3445	30.2809	22	107.77- 161.65	66.69
4.658	4.667	-0.009	6409	60.8596	44	99.75- 149.63	124.06
Average of Peak Concentrations =					31		
27 Aroclor-1260					CAS #: 11096-82-5		
5.357	5.357	0.000	12200	57.1528	41	80.00- 120.00	100.00(M)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.703	5.703	0.000	18076	48.4656	35	137.19- 205.78	148.16
6.055	6.057	-0.002	17477	51.4361	37	126.77- 190.16	143.25
6.205	6.207	-0.002	8644	57.7179	41	56.56- 84.84	70.85
6.553	6.557	-0.004	8886	56.1246	40	59.79- 89.68	72.84
7.597	7.600	-0.003	6453	30.0427	22	103.96- 155.95	52.89
7.768	7.772	-0.004	4697	41.2402	30	47.06- 70.60	38.50
8.953	8.957	-0.004	4754	47.2687	34	38.69- 58.03	38.97
Average of Peak Concentrations =					35		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.608	9.610	-0.002	217312	58.6125	42	80.00- 120.00	100.00

QC Flag Legend

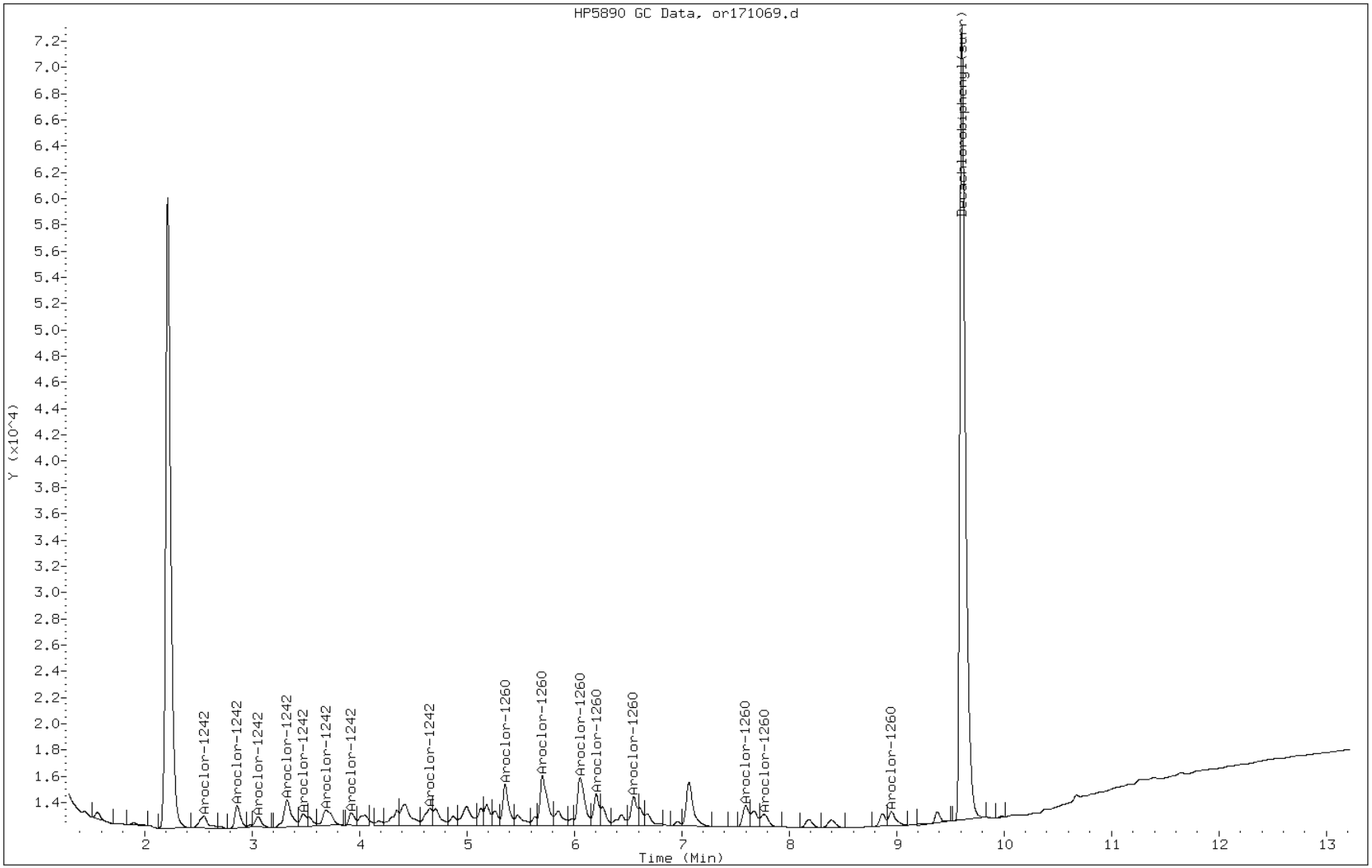
M - Compound response manually integrated.

Data File: or171069.d

Date: 31-MAR-2011 21:28

Client ID: PMP-16-VD-E (3.5-4. Instrument: PESTGC7.i

Sample Info: 460-24277-F-15-B Operator: 615



Manual Integration Report

Data File: or171069.d
Inj. Date and Time: 31-MAR-2011 21:28
Instrument ID: PESTGC7.i
Client ID: PMP-16-VD-E (3.5-4.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 2.51

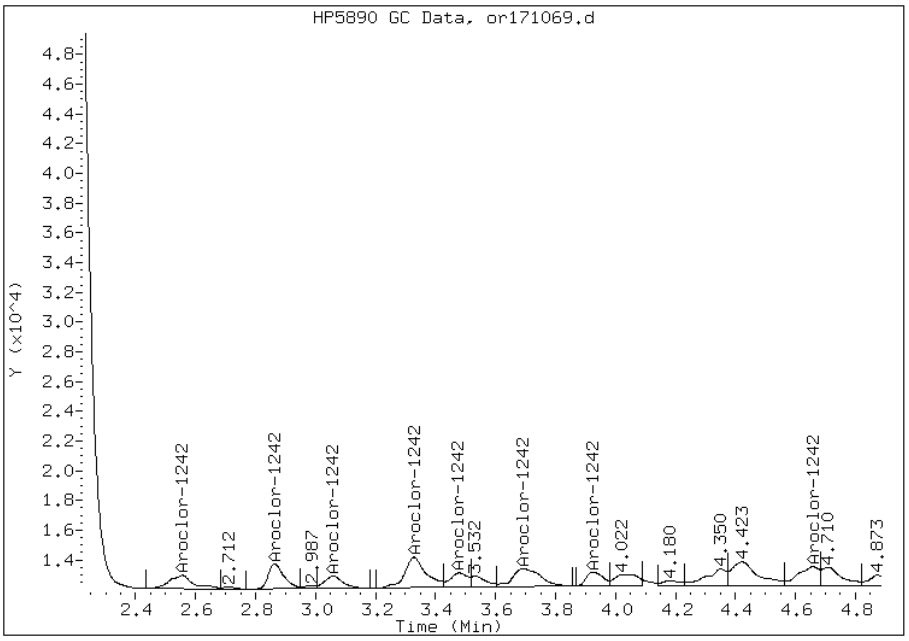
Manual Integration Results

RT: 2.56

Response: 5166

Amount: 43.01

Conc: 31.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or171069.d
Inj. Date and Time: 31-MAR-2011 21:28
Instrument ID: PESTGC7.i
Client ID: PMP-16-VD-E (3.5-4.
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 5.36

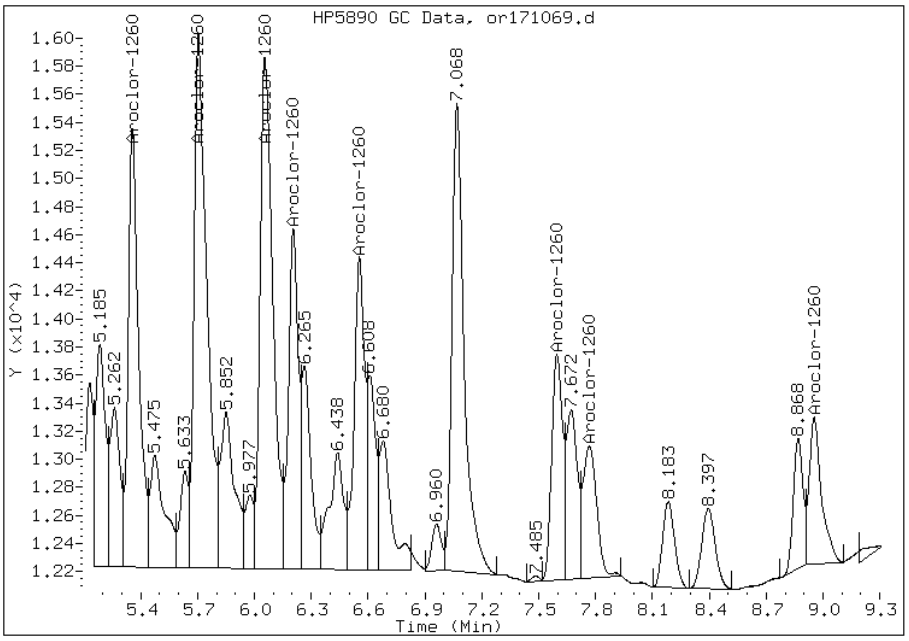
Manual Integration Results

RT: 5.36

Response: 12200

Amount: 48.68

Conc: 35.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-WT-E (8.0-8.5) Lab Sample ID: 460-24277-16

Matrix: Solid Lab File ID: of171092.d

Analysis Method: 8082 Date Collected: 03/18/2011 09:25

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 04:27

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of171092.d
Report Date: 01-Apr-2011 04:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/of171092.d
Lab Smp Id: 460-24277-F-16-B Client Smp ID: PMP-16-WT-E (8.0-8.
Inj Date : 01-APR-2011 04:27
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-16-B
Misc Info : 460-24277-F-16-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 48
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	11.59251	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.642	3.630	0.012	0			80.00- 120.00	0.00(M)
4.185	4.178	0.007	0			180.49- 270.73	0.00
4.483	4.478	0.005	0			27.02- 40.53	0.00
4.602	4.597	0.005	120866	1075.42	160000	101.71- 152.56	40.65
4.940	4.938	0.002	204473	1368.60	210000	135.20- 202.80	68.76
5.098	5.095	0.003	264509	1416.71	210000	168.96- 253.44	88.95
5.427	5.425	0.002	169631	1071.39	160000	143.28- 214.92	57.05
5.483	5.482	0.001	318718	1324.38	200000	217.78- 326.67	107.18
Average of Peak Concentrations =					190000		

Data File: of171092.d
Report Date: 01-Apr-2011 04:51

QC Flag Legend

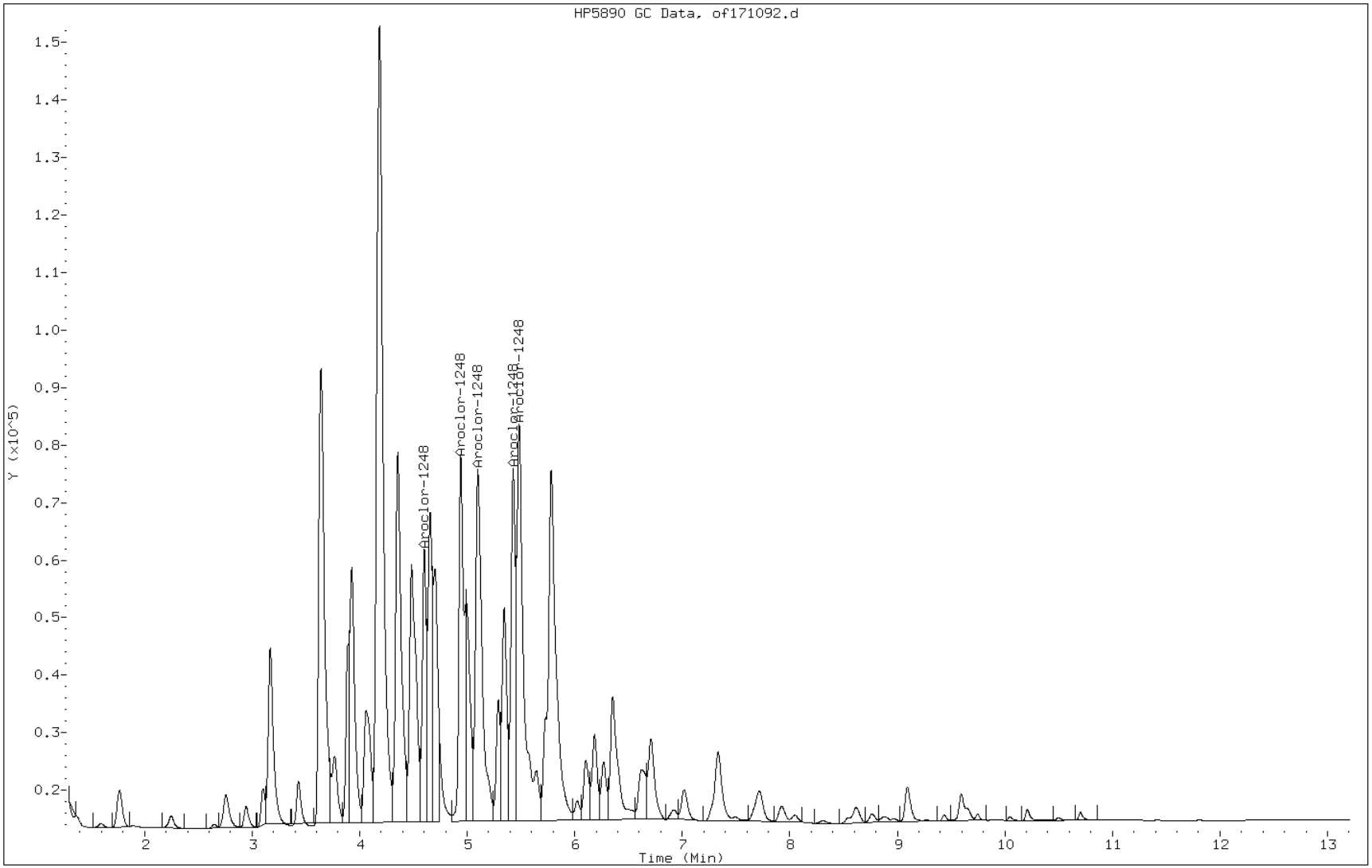
M - Compound response manually integrated.

Data File: of171092.d

Date: 01-APR-2011 04:27

Client ID: PMP-16-WT-E (8.0-8. Instrument: PESTGC7.i

Sample Info: 460-24277-F-16-B Operator: 615



Manual Integration Report

Data File: of171092.d
Inj. Date and Time: 01-APR-2011 04:27
Instrument ID: PESTGC7.i
Client ID: PMP-16-WT-E (8.0-8.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.63

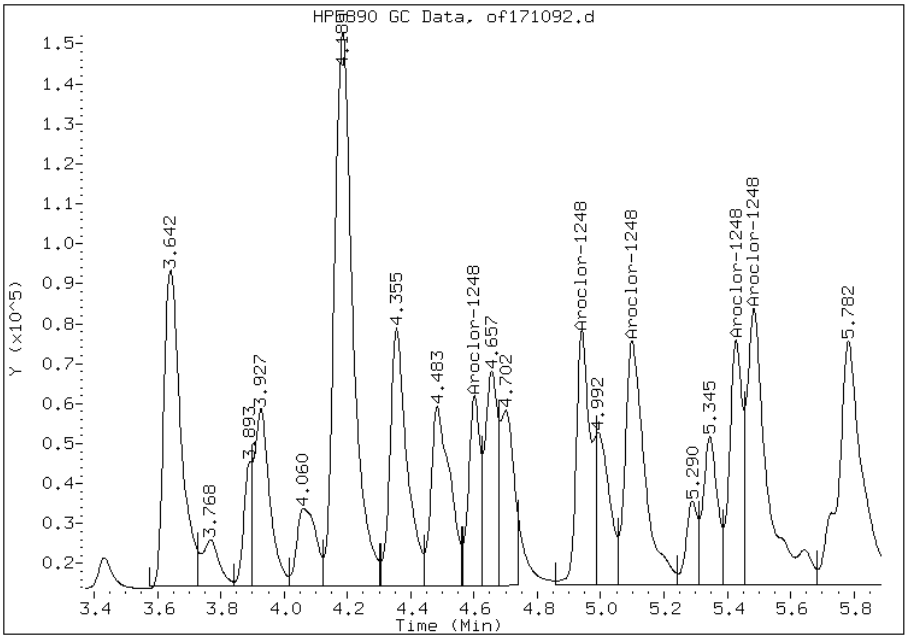
Manual Integration Results

RT: 3.64

Response: 0

Amount: 1251.30

Conc: 190000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-WT-E (8.0-8.5) Lab Sample ID: 460-24277-16

Matrix: Solid Lab File ID: or171092.d

Analysis Method: 8082 Date Collected: 03/18/2011 09:25

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 04:27

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15000	U	15000	2900
11104-28-2	Aroclor 1221	15000	U	15000	4600
11141-16-5	Aroclor 1232	15000	U	15000	8600
53469-21-9	Aroclor 1242	15000	U	15000	2900
12672-29-6	Aroclor 1248	220000		15000	4000
11097-69-1	Aroclor 1254	15000	U	15000	5200
11096-82-5	Aroclor 1260	15000	U	15000	1700
37324-23-5	Aroclor 1262	15000	U	15000	2600
11100-14-4	Aroclor 1268	15000	U	15000	2600

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/or171092.d
Lab Smp Id: 460-24277-F-16-B Client Smp ID: PMP-16-WT-E (8.0-8.
Inj Date : 01-APR-2011 04:27
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-16-B
Misc Info : 460-24277-F-16-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/08Or8082.m
Meth Date : 01-Apr-2011 04:25 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 48
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	11.59251	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.858	2.850	0.008	0			80.00- 120.00	0.00(M)
3.327	3.322	0.005	0			198.64- 297.96	0.00
3.533	3.530	0.003	0			45.94- 68.91	0.00
3.690	3.688	0.002	343081	1154.04	170000	310.12- 465.18	0.00
3.922	3.920	0.002	202347	1164.59	180000	181.25- 271.88	0.00
4.048	4.015	0.033	158318	1716.87	260000	96.19- 144.29	0.00
4.303	4.305	-0.002	120251	1643.81	250000	76.31- 114.47	0.00
4.660	4.663	-0.003	283420	1656.48	250000	178.49- 267.73	0.00
Average of Peak Concentrations =					220000		

QC Flag Legend

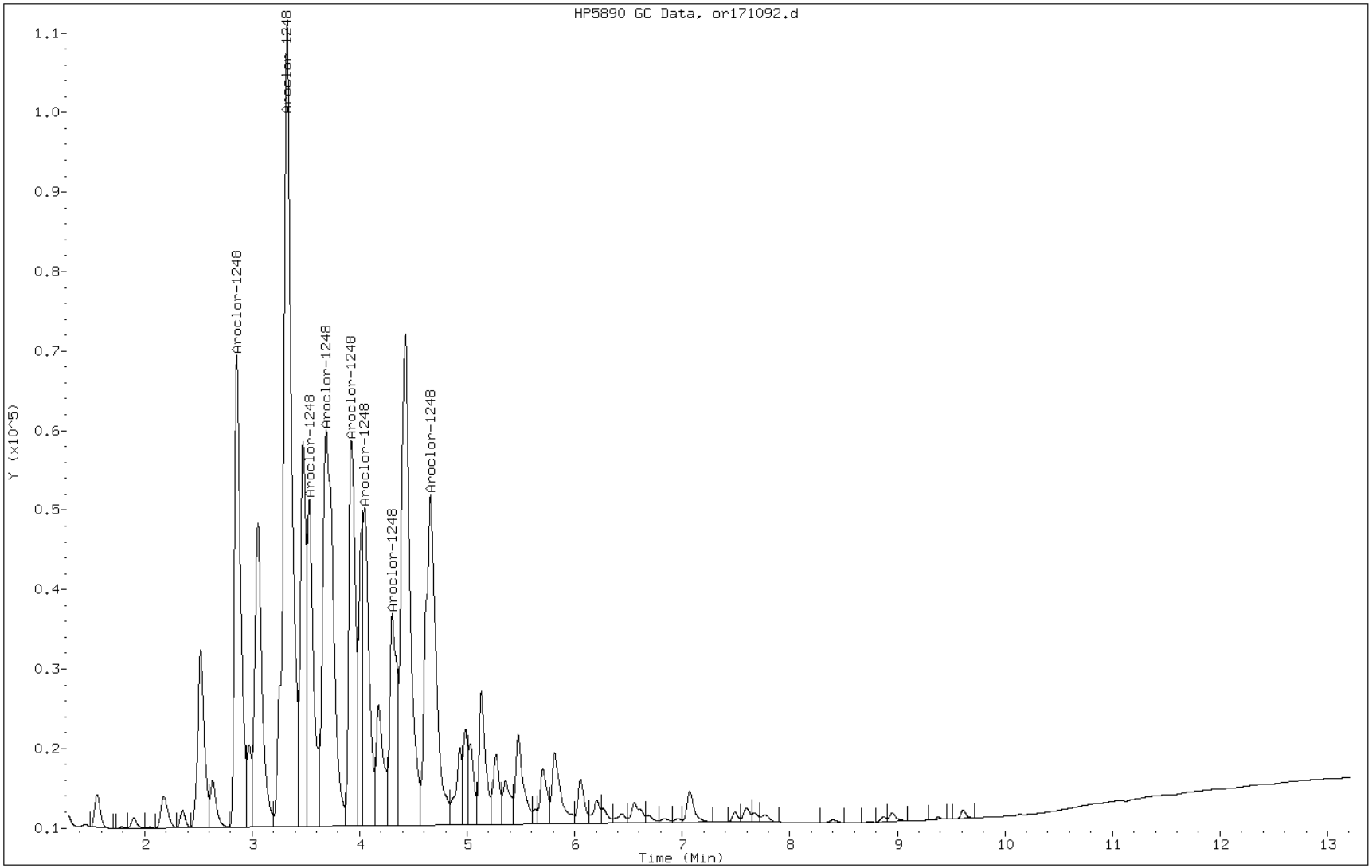
M - Compound response manually integrated.

Data File: or171092.d

Date: 01-APR-2011 04:27

Client ID: PMP-16-WT-E (8.0-8. Instrument: PESTGC7.i

Sample Info: 460-24277-F-16-B Operator: 615



Manual Integration Report

Data File: or171092.d
Inj. Date and Time: 01-APR-2011 04:27
Instrument ID: PESTGC7.i
Client ID: PMP-16-WT-E (8.0-8.
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

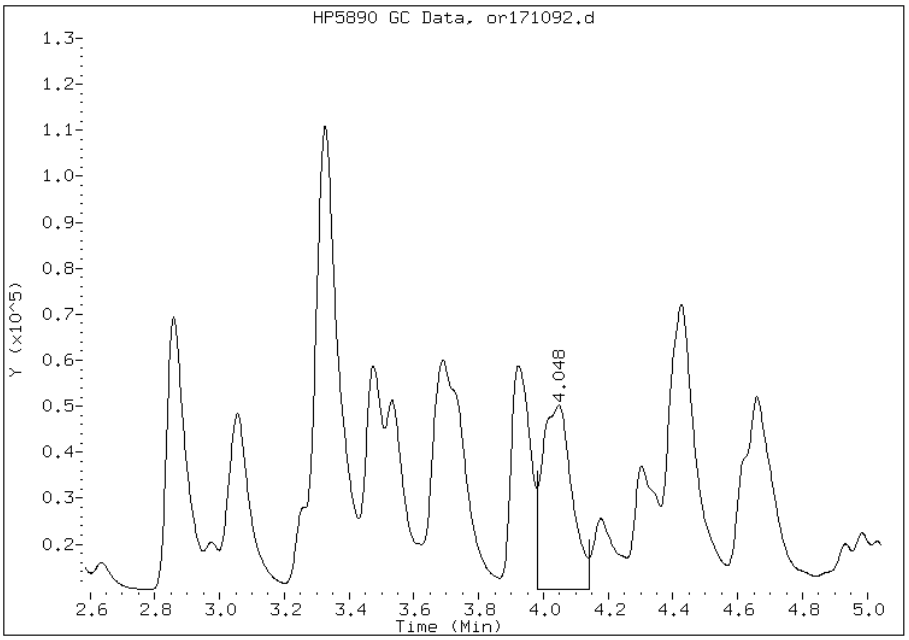
Processing Integration Results

RT: 4.05

Response: 251286

Amount: 1668.79

Conc: 250000.00



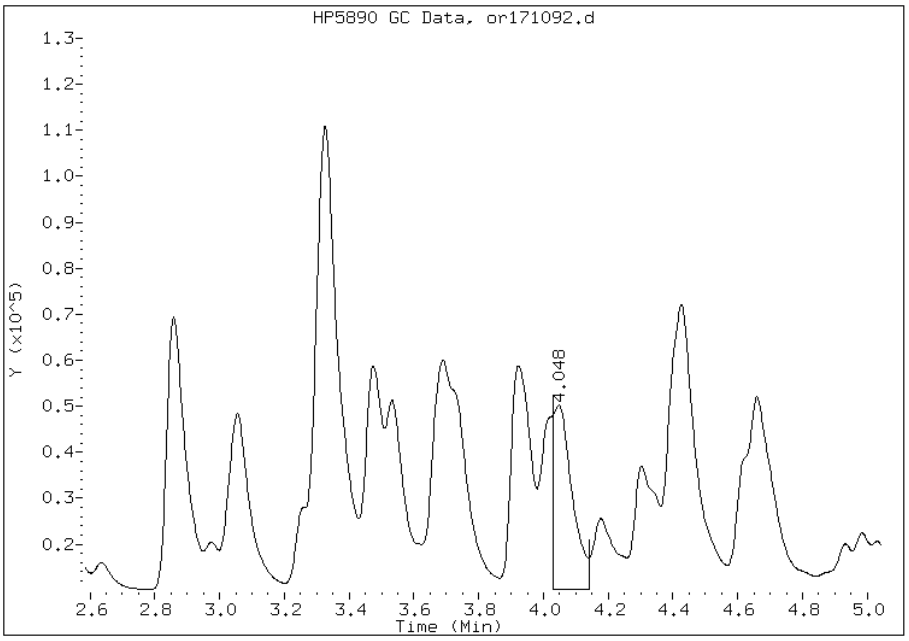
Manual Integration Results

RT: 4.05

Response: 158318

Amount: 1467.16

Conc: 220000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-SI-E (10.5-11.0) Lab Sample ID: 460-24277-17

Matrix: Solid Lab File ID: of171086.d

Analysis Method: 8082 Date Collected: 03/18/2011 09:30

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.03(g) Date Analyzed: 04/01/2011 02:48

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	7300		790	150

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/of171086.d
Lab Smp Id: 460-24277-F-17-B Client Smp ID: PMP-16-SI-E (10.5-1
Inj Date : 01-APR-2011 02:48
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-17-B
Misc Info : 460-24277-F-17-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 42
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	14.94845	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.172	3.160	0.012	74688	869.780	6800	80.00- 120.00	100.00(M)
3.643	3.633	0.010	154252	939.375	7300	152.98- 229.47	206.53
3.928	3.922	0.006	70646	872.151	6800	75.46- 113.20	94.59
4.187	4.180	0.007	281704	929.118	7300	282.47- 423.70	377.17
4.357	4.350	0.007	126977	979.051	7600	120.83- 181.24	170.01
4.603	4.598	0.005	60854	932.071	7300	60.83- 91.24	81.48
5.100	5.097	0.003	119721	980.982	7700	113.70- 170.55	160.29
5.428	5.425	0.003	83452	943.280	7400	82.42- 123.63	111.73
Average of Peak Concentrations =					7300		

QC Flag Legend

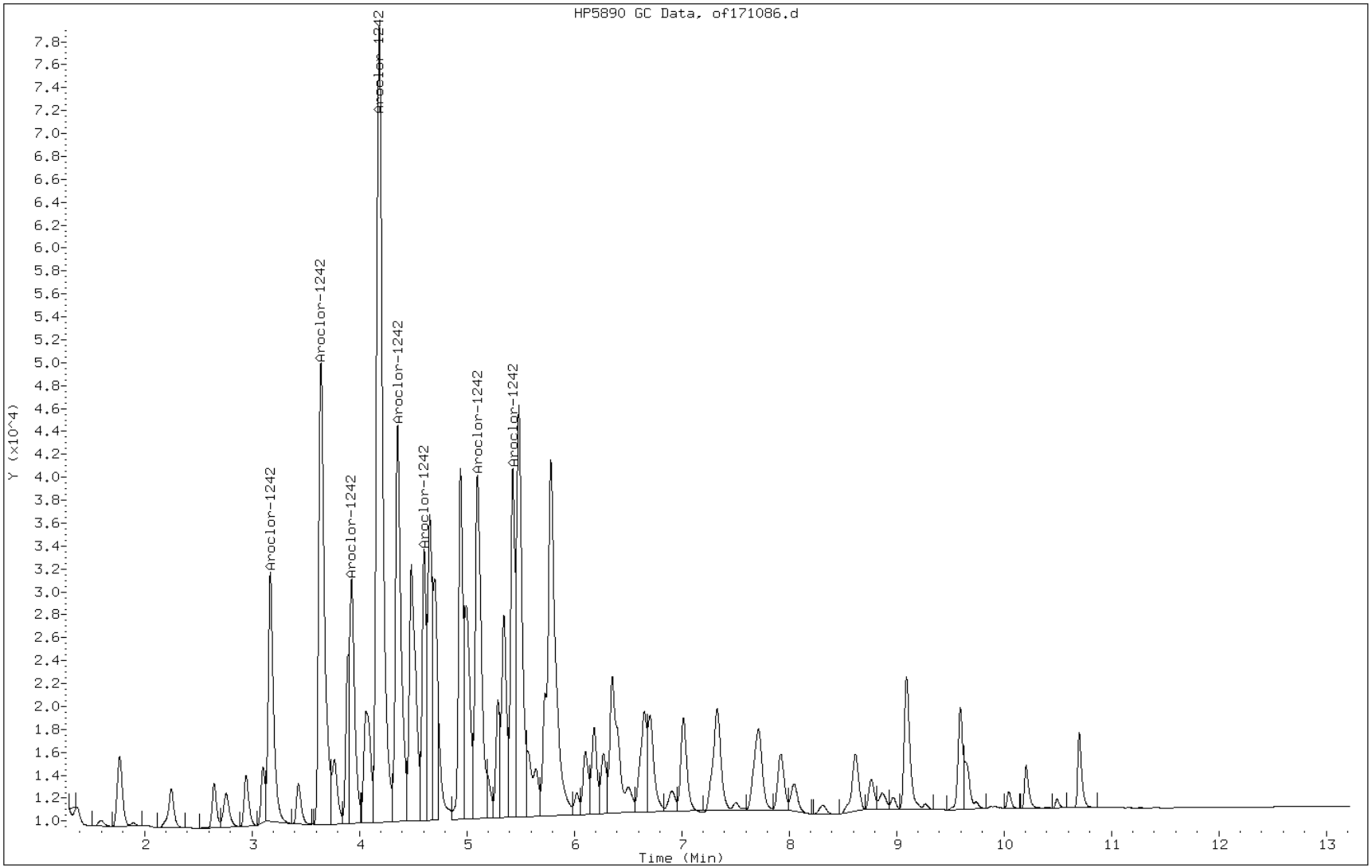
M - Compound response manually integrated.

Data File: of171086.d

Date: 01-APR-2011 02:48

Client ID: PMP-16-SI-E (10.5-1 Instrument: PESTGC7.i

Sample Info: 460-24277-F-17-B Operator: 615



Manual Integration Report

Data File: of171086.d
Inj. Date and Time: 01-APR-2011 02:48
Instrument ID: PESTGC7.i
Client ID: PMP-16-SI-E (10.5-1
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

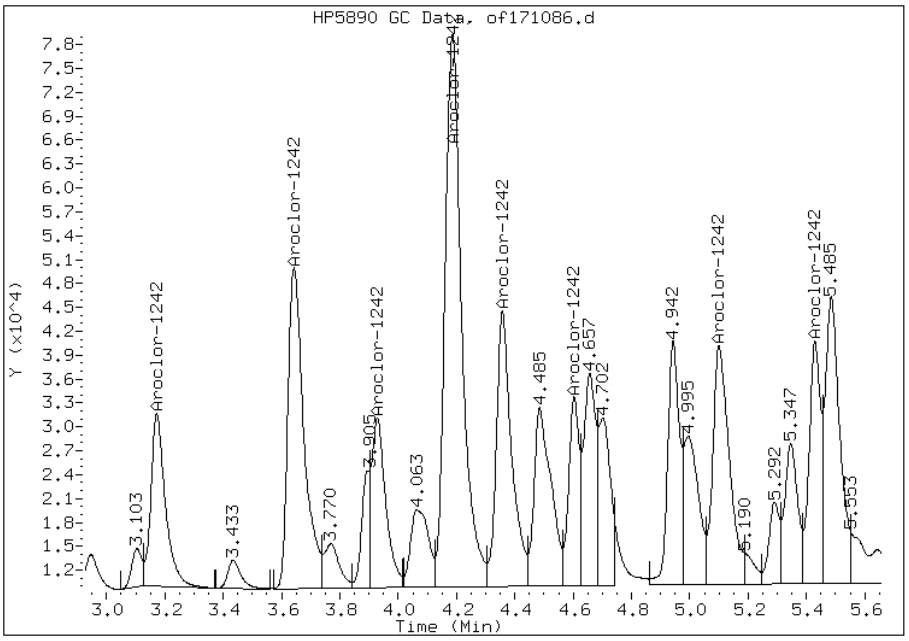
Manual Integration Results

RT: 3.17

Response: 74688

Amount: 930.73

Conc: 7300.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-SI-E (10.5-11.0) Lab Sample ID: 460-24277-17

Matrix: Solid Lab File ID: or171086.d

Analysis Method: 8082 Date Collected: 03/18/2011 09:30

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.03(g) Date Analyzed: 04/01/2011 02:48

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	790	U	790	150
11104-28-2	Aroclor 1221	790	U	790	240
11141-16-5	Aroclor 1232	790	U	790	450
12672-29-6	Aroclor 1248	790	U	790	210
11097-69-1	Aroclor 1254	790	U	790	270
11096-82-5	Aroclor 1260	790	U	790	88
37324-23-5	Aroclor 1262	790	U	790	130
11100-14-4	Aroclor 1268	790	U	790	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

Data File: or171086.d
Report Date: 01-Apr-2011 04:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/or171086.d
Lab Smp Id: 460-24277-F-17-B Client Smp ID: PMP-16-SI-E (10.5-1
Inj Date : 01-APR-2011 02:48
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-17-B
Misc Info : 460-24277-F-17-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/08Or8082.m
Meth Date : 01-Apr-2011 04:25 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 42
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	14.94845	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.523	2.512	0.011	69330	820.911	6400	80.00- 120.00	100.00(M)
2.860	2.852	0.008	118227	865.910	6800	129.33- 194.00	170.53
3.058	3.052	0.006	83740	860.558	6700	92.18- 138.26	120.78
3.328	3.323	0.005	240278	858.114	6700	265.24- 397.85	346.57
3.477	3.470	0.007	89511	885.739	6900	95.73- 143.59	129.11
3.693	3.692	0.001	162992	853.263	6700	180.95- 271.42	235.10
3.923	3.922	0.001	97469	856.735	6700	107.77- 161.65	140.59
4.662	4.667	-0.005	81823	776.988	6100	99.75- 149.63	118.02
Average of Peak Concentrations =					6600		

Data File: or171086.d
Report Date: 01-Apr-2011 04:25

QC Flag Legend

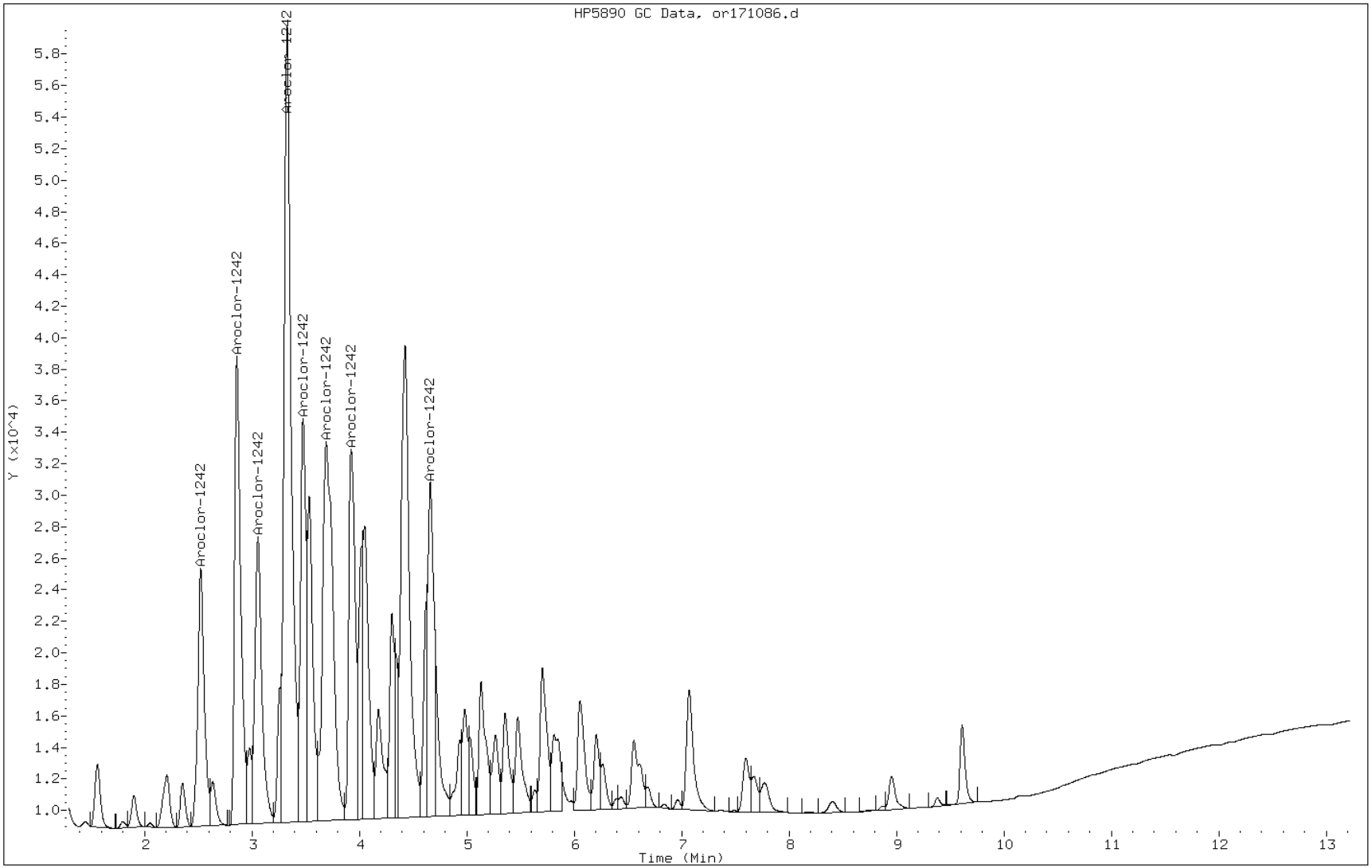
M - Compound response manually integrated.

Data File: or171086.d

Date: 01-APR-2011 02:48

Client ID: PMP-16-SI-E (10.5-1 Instrument: PESTGC7.i

Sample Info: 460-24277-F-17-B Operator: 615



Manual Integration Report

Data File: or171086.d
Inj. Date and Time: 01-APR-2011 02:48
Instrument ID: PESTGC7.i
Client ID: PMP-16-SI-E (10.5-1
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 2.51

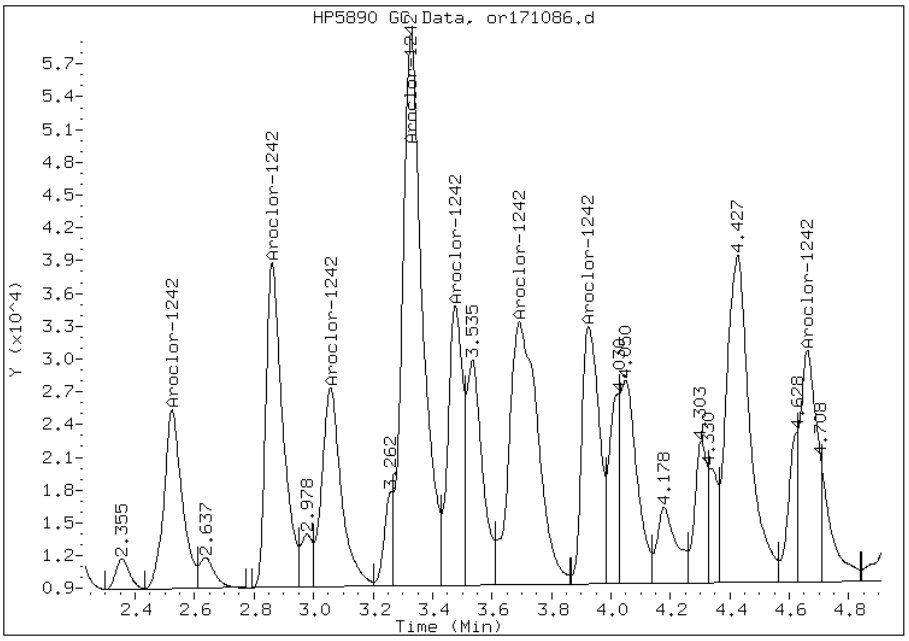
Manual Integration Results

RT: 2.52

Response: 69330

Amount: 847.28

Conc: 6600.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15VD-E (3.5-4) Lab Sample ID: 460-24277-18

Matrix: Solid Lab File ID: of171072.d

Analysis Method: 8082 Date Collected: 03/18/2011 10:25

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 22:17

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	320		73	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131		30-150

Data File: of171072.d
Report Date: 01-Apr-2011 03:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/of171072.d
Lab Smp Id: 460-24277-F-18-B Client Smp ID: PMP-15VD-E (3.5-4)
Inj Date : 31-MAR-2011 22:17
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-18-B
Misc Info : 460-24277-F-18-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11b.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 32
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	8.33333	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.168	3.160	0.008	26340	306.747	220	80.00- 120.00	100.00(M)
3.638	3.633	0.005	59083	359.811	260	152.98- 229.47	224.31
3.925	3.922	0.003	27686	341.796	250	75.46- 113.20	105.11
4.183	4.180	0.003	114244	376.802	270	282.47- 423.70	433.72
4.352	4.350	0.002	50578	389.979	280	120.83- 181.24	192.02
4.598	4.598	0.000	41297	632.528	460	60.83- 91.24	156.78
5.095	5.097	-0.002	68686	562.812	410	113.70- 170.55	260.77
5.425	5.425	0.000	50166	567.050	410	82.42- 123.63	190.46
Average of Peak Concentrations =					320		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.698	10.698	0.000	194763	65.6511	48	80.00- 120.00	100.00

Data File: of171072.d
Report Date: 01-Apr-2011 03:31

QC Flag Legend

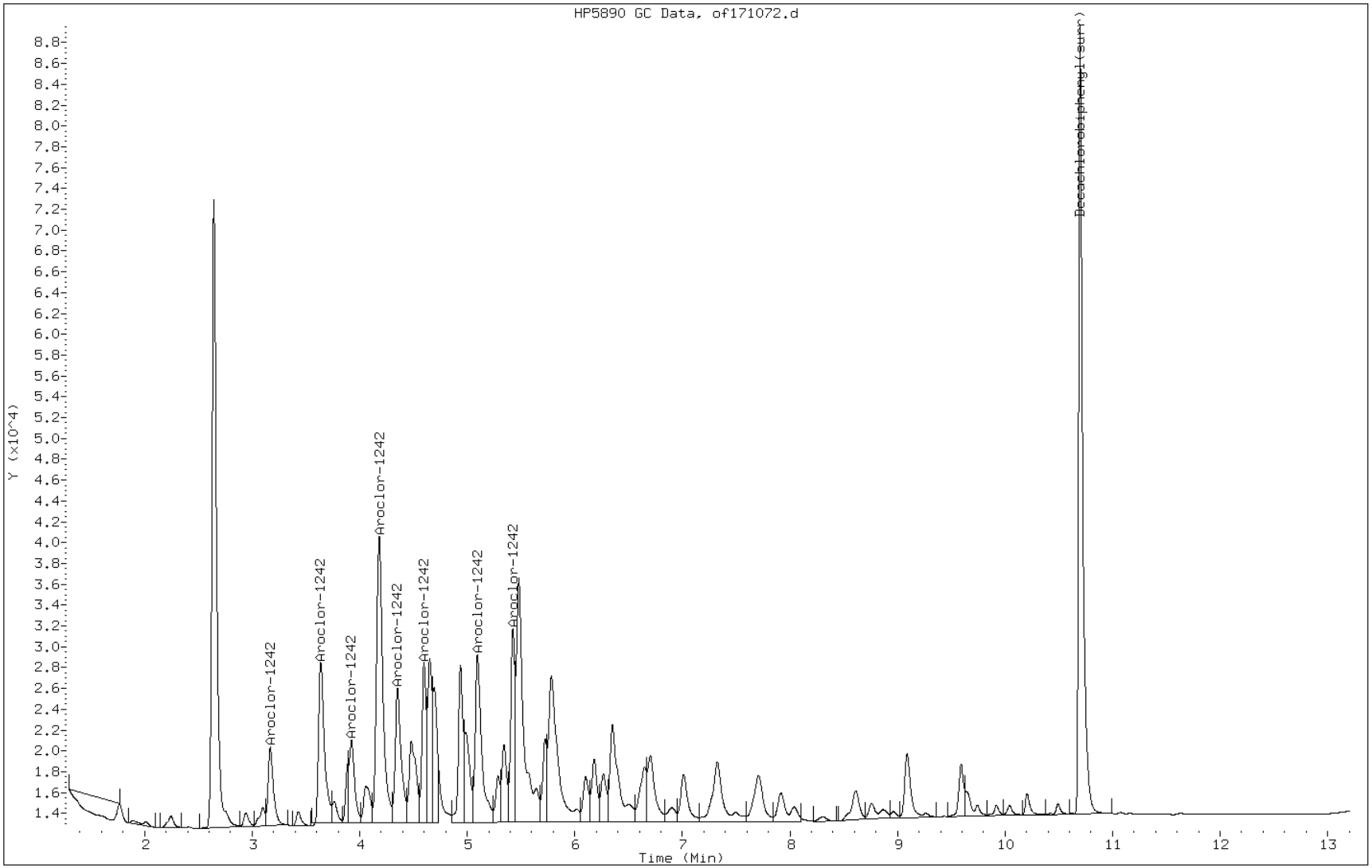
M - Compound response manually integrated.

Data File: of171072.d

Date: 31-MAR-2011 22:17

Client ID: PMP-15VD-E (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24277-F-18-B Operator: 615



Manual Integration Report

Data File: of171072.d
Inj. Date and Time: 31-MAR-2011 22:17
Instrument ID: PESTGC7.i
Client ID: PMP-15VD-E (3.5-4)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

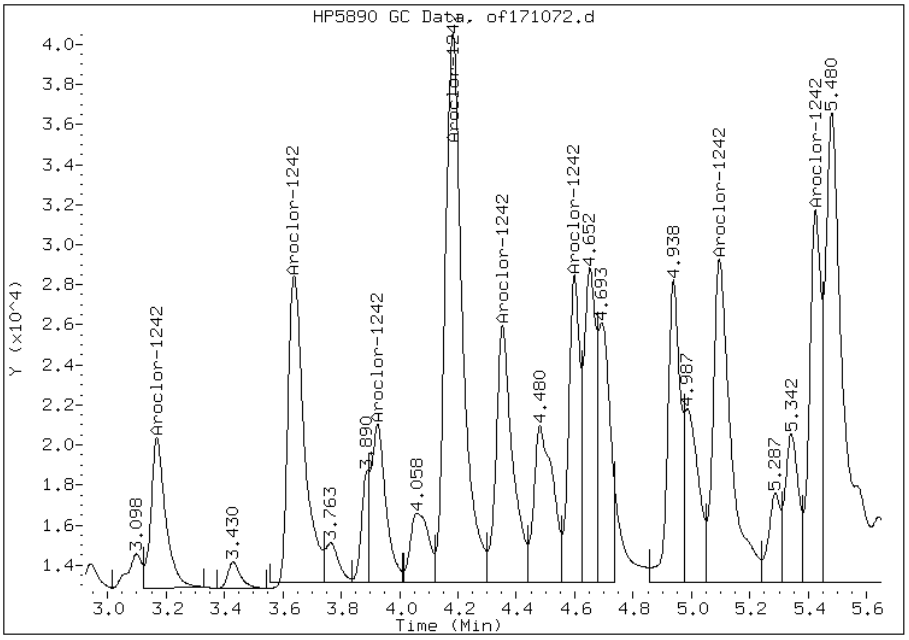
Manual Integration Results

RT: 3.17

Response: 26340

Amount: 442.19

Conc: 320.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15VD-E (3.5-4) Lab Sample ID: 460-24277-18

Matrix: Solid Lab File ID: or171072.d

Analysis Method: 8082 Date Collected: 03/18/2011 10:25

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 22:17

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69160 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	14
11104-28-2	Aroclor 1221	73	U	73	22
11141-16-5	Aroclor 1232	73	U	73	41
12672-29-6	Aroclor 1248	73	U	73	19
11097-69-1	Aroclor 1254	73	U	73	25
11096-82-5	Aroclor 1260	73	U	73	8.1
37324-23-5	Aroclor 1262	73	U	73	13
11100-14-4	Aroclor 1268	73	U	73	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/or171072.d
Lab Smp Id: 460-24277-F-18-B Client Smp ID: PMP-15VD-E (3.5-4)
Inj Date : 31-MAR-2011 22:17
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-18-B
Misc Info : 460-24277-F-18-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11b.b/08Or8082.m
Meth Date : 31-Mar-2011 22:27 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 32
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	8.33333	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.525	2.512	0.013	23936	283.417	200	80.00- 120.00	100.00(M)
2.862	2.852	0.010	43707	320.116	230	129.33- 194.00	182.60
3.058	3.052	0.006	30644	314.914	230	92.18- 138.26	128.02
3.328	3.323	0.005	91409	326.453	240	265.24- 397.85	381.89
3.478	3.470	0.008	34099	337.420	240	95.73- 143.59	142.46
3.692	3.692	0.000	99274	519.699	380	180.95- 271.42	414.75
3.923	3.922	0.001	44964	395.225	290	107.77- 161.65	187.85
4.660	4.667	-0.007	78394	744.426	540	99.75- 149.63	327.52
Average of Peak Concentrations =					290		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.608	9.610	-0.002	231074	62.3243	45	80.00- 120.00	100.00

QC Flag Legend

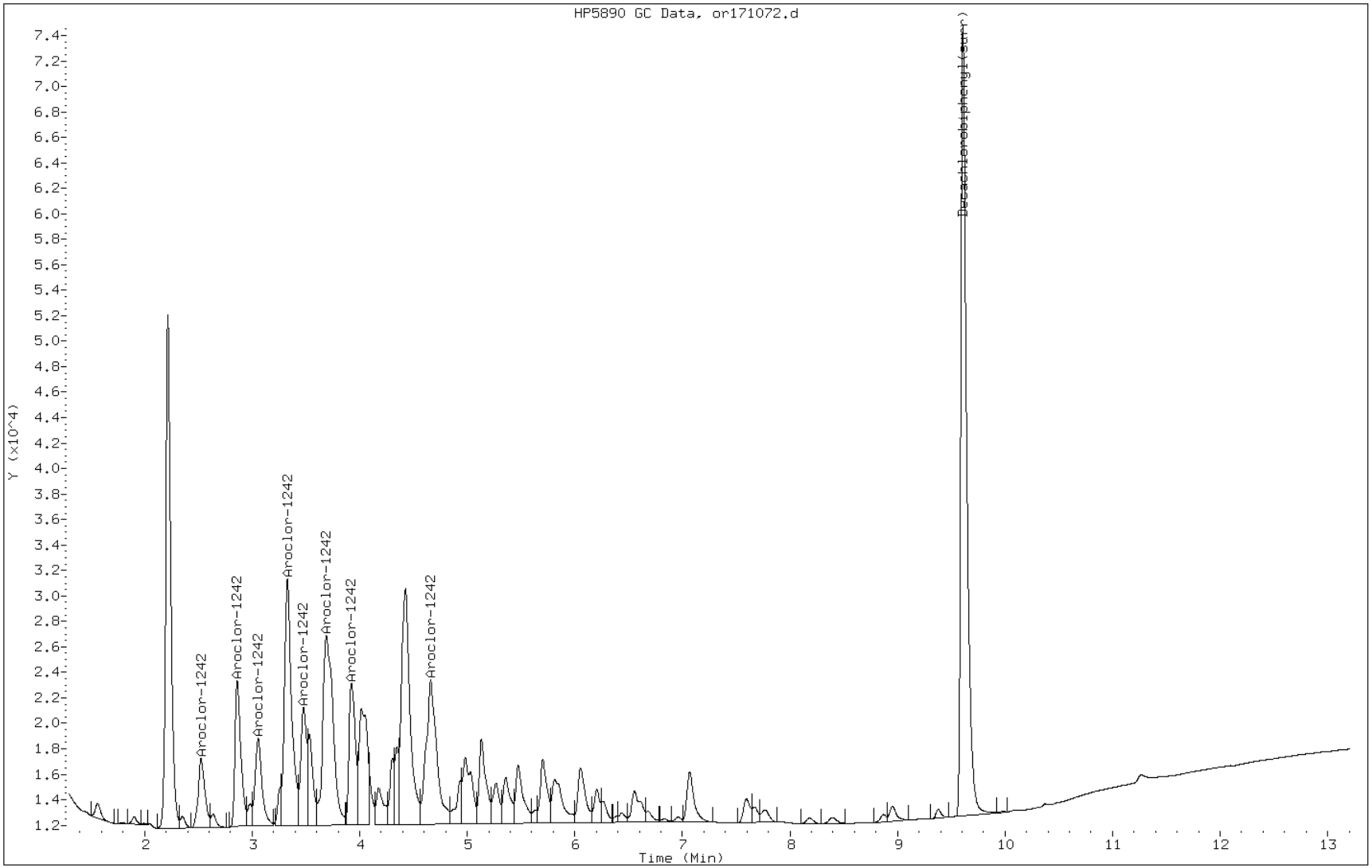
M - Compound response manually integrated.

Data File: or171072.d

Date: 31-MAR-2011 22:17

Client ID: PMP-15VD-E (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24277-F-18-B Operator: 615



Manual Integration Report

Data File: or171072.d
Inj. Date and Time: 31-MAR-2011 22:17
Instrument ID: PESTGC7.i
Client ID: PMP-15VD-E (3.5-4)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

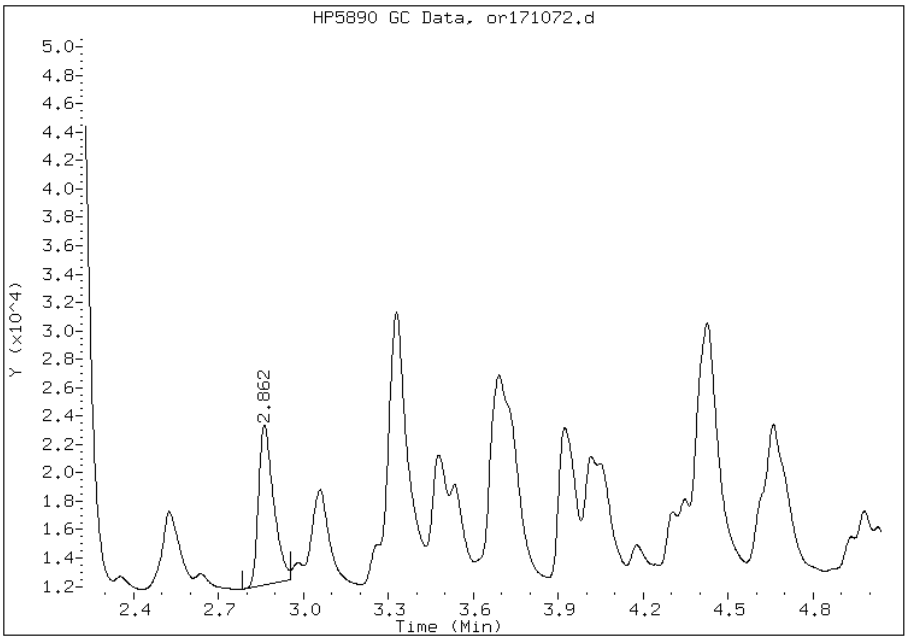
Processing Integration Results

RT: 2.86

Response: 41674

Amount: 322.01

Conc: 230.00



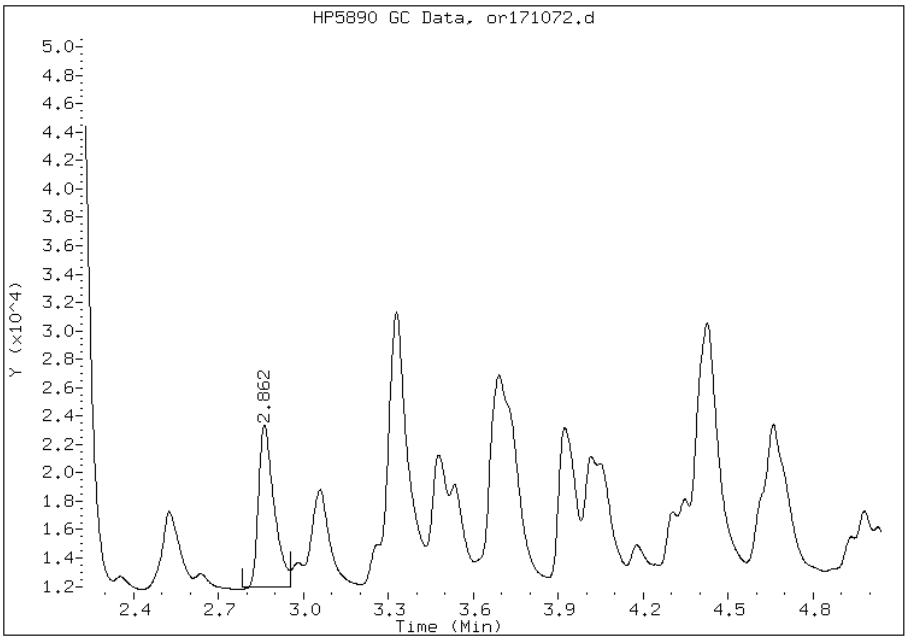
Manual Integration Results

RT: 2.86

Response: 43707

Amount: 405.21

Conc: 290.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-WT-E (7.5-8) Lab Sample ID: 460-24277-19

Matrix: Solid Lab File ID: of171087.d

Analysis Method: 8082 Date Collected: 03/18/2011 10:30

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.02(g) Date Analyzed: 04/01/2011 03:04

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	330000		15000	2900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/of171087.d
Lab Smp Id: 460-24277-F-19-B Client Smp ID: PMP-15-WT-E (7.5-8)
Inj Date : 01-APR-2011 03:04
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-19-B
Misc Info : 460-24277-F-19-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 43
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	11.80556	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.168	3.160	0.008	162671	1894.39	290000	80.00- 120.00	100.00(M)
3.640	3.633	0.007	375052	2284.02	340000	152.98- 229.47	230.56
3.925	3.922	0.003	178396	2202.37	330000	75.46- 113.20	109.67
4.185	4.180	0.005	696150	2296.05	350000	282.47- 423.70	427.95
4.353	4.350	0.003	297744	2295.74	350000	120.83- 181.24	183.03
4.600	4.598	0.002	145438	2227.60	340000	60.83- 91.24	89.41
5.097	5.097	0.000	0			113.70- 170.55	0.00
5.427	5.425	0.002	201833	2281.37	340000	82.42- 123.63	124.07
Average of Peak Concentrations =					330000		

QC Flag Legend

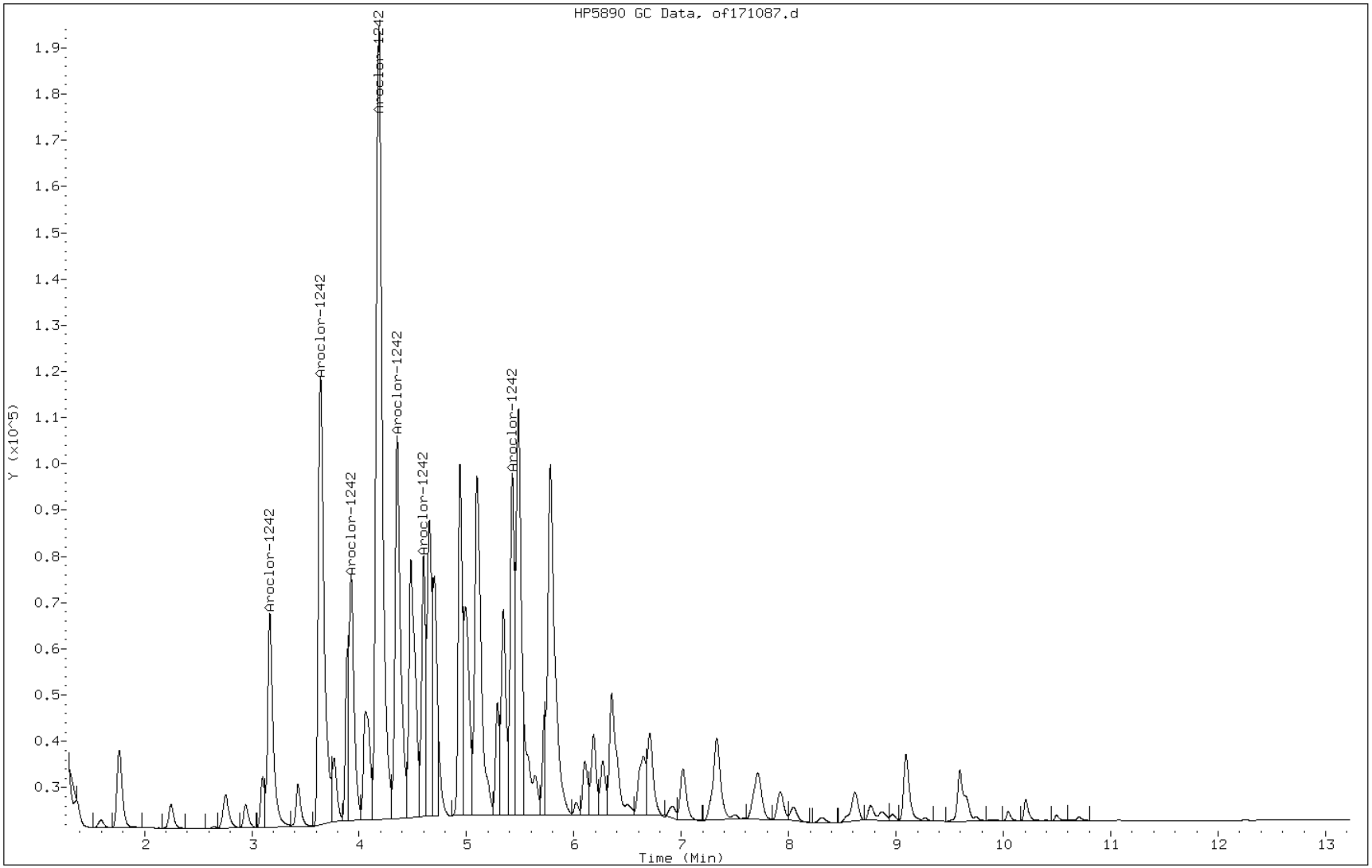
M - Compound response manually integrated.

Data File: of171087.d

Date: 01-APR-2011 03:04

Client ID: PMP-15-WT-E (7.5-8) Instrument: PESTGC7.i

Sample Info: 460-24277-F-19-B Operator: 615



Manual Integration Report

Data File: of171087.d
Inj. Date and Time: 01-APR-2011 03:04
Instrument ID: PESTGC7.i
Client ID: PMP-15-WT-E (7.5-8)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

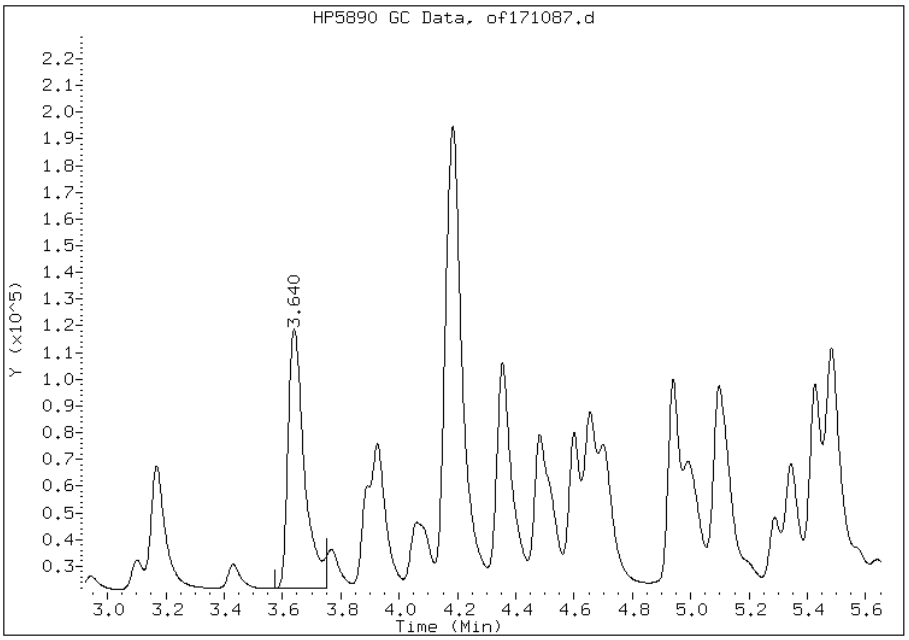
Processing Integration Results

RT: 3.64

Response: 379906

Amount: 2325.96

Conc: 350000.00



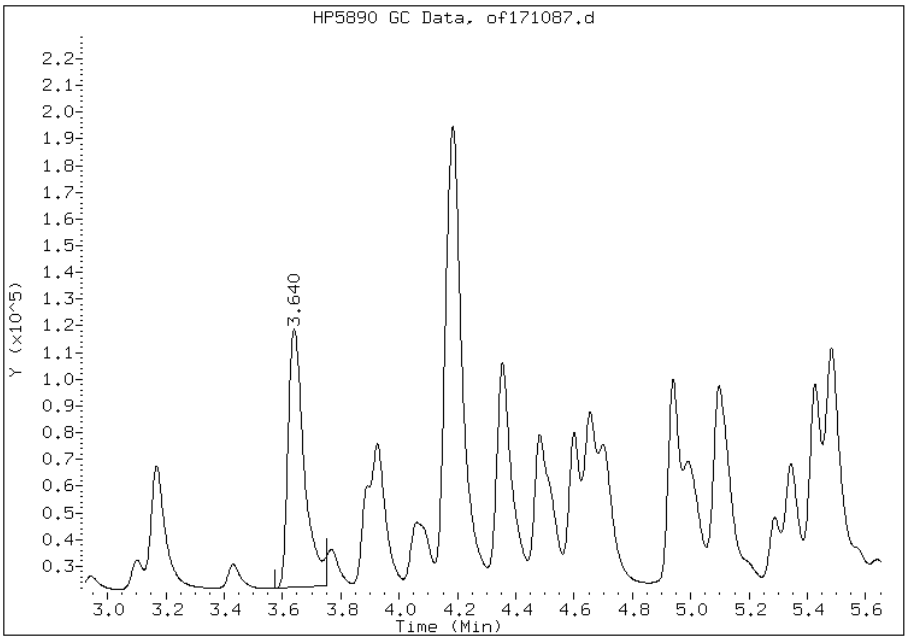
Manual Integration Results

RT: 3.64

Response: 375052

Amount: 2211.65

Conc: 330000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-WT-E (7.5-8) Lab Sample ID: 460-24277-19

Matrix: Solid Lab File ID: or171087.d

Analysis Method: 8082 Date Collected: 03/18/2011 10:30

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.02(g) Date Analyzed: 04/01/2011 03:04

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15000	U	15000	2900
11104-28-2	Aroclor 1221	15000	U	15000	4600
11141-16-5	Aroclor 1232	15000	U	15000	8600
12672-29-6	Aroclor 1248	15000	U	15000	4000
11097-69-1	Aroclor 1254	15000	U	15000	5200
11096-82-5	Aroclor 1260	15000	U	15000	1700
37324-23-5	Aroclor 1262	15000	U	15000	2600
11100-14-4	Aroclor 1268	15000	U	15000	2600

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

Data File: or171087.d
Report Date: 01-Apr-2011 04:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/or171087.d
Lab Smp Id: 460-24277-F-19-B Client Smp ID: PMP-15-WT-E (7.5-8)
Inj Date : 01-APR-2011 03:04
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-19-B
Misc Info : 460-24277-F-19-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/08Or8082.m
Meth Date : 01-Apr-2011 04:25 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 43
Dil Factor: 200.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	200.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	11.80556	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.522	2.512	0.010	145555	1723.46	260000	80.00- 120.00	100.00(M)
2.858	2.852	0.006	291738	2136.73	320000	129.33- 194.00	200.43
3.057	3.052	0.005	218658	2247.05	340000	92.18- 138.26	150.22
3.327	3.323	0.004	615929	2199.69	330000	265.24- 397.85	423.16
3.475	3.470	0.005	221032	2187.18	330000	95.73- 143.59	151.85
3.692	3.692	0.000	212250	1111.13	170000	180.95- 271.42	145.82
3.923	3.922	0.001	244931	2152.90	320000	107.77- 161.65	168.27
4.660	4.667	-0.007	0			99.75- 149.63	0.00
Average of Peak Concentrations =					300000		

Data File: or171087.d
Report Date: 01-Apr-2011 04:25

QC Flag Legend

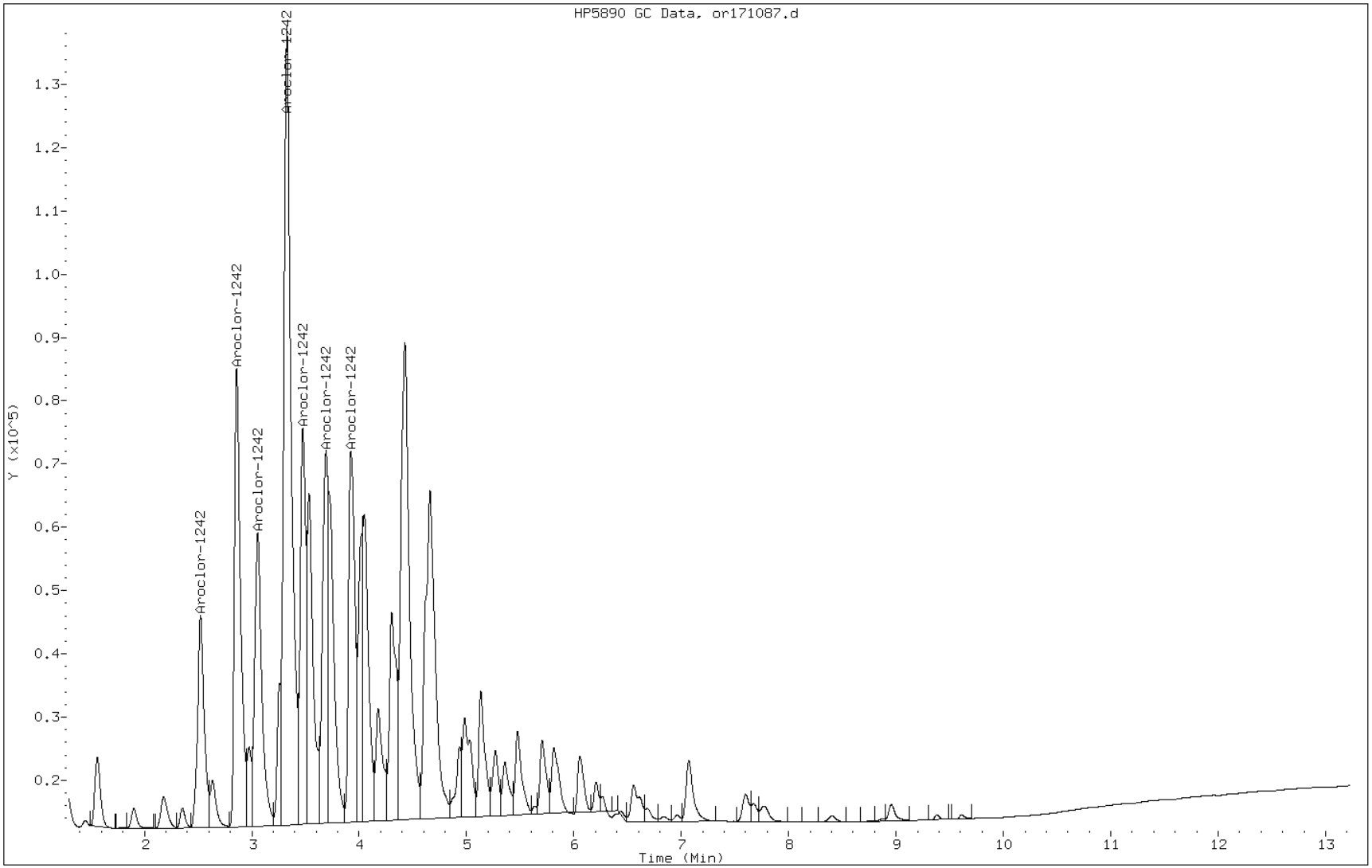
M - Compound response manually integrated.

Data File: or171087.d

Date: 01-APR-2011 03:04

Client ID: PMP-15-WT-E (7.5-8) Instrument: PESTGC7.i

Sample Info: 460-24277-F-19-B Operator: 615



Manual Integration Report

Data File: or171087.d
Inj. Date and Time: 01-APR-2011 03:04
Instrument ID: PESTGC7.i
Client ID: PMP-15-WT-E (7.5-8)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 2.51

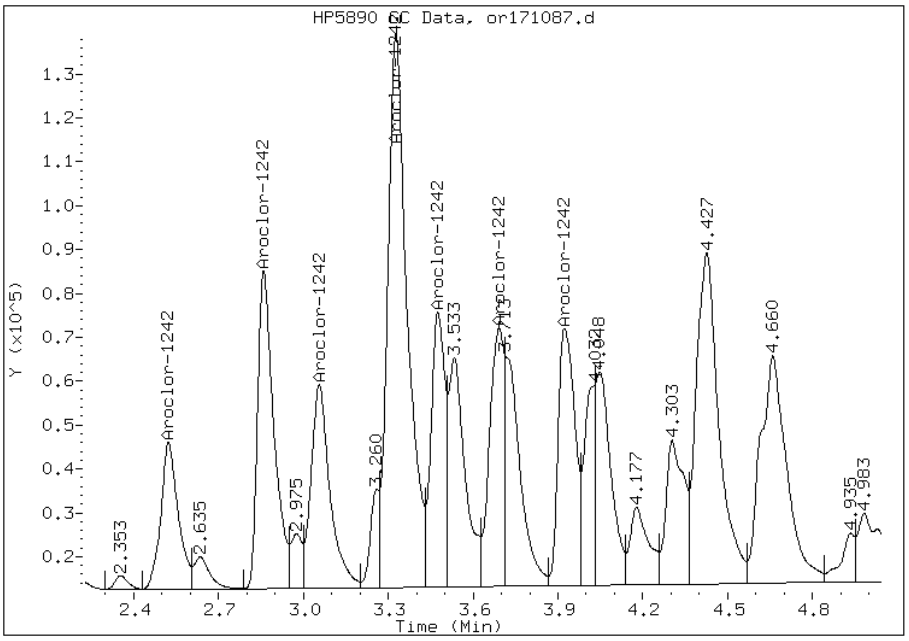
Manual Integration Results

RT: 2.52

Response: 145555

Amount: 1965.45

Conc: 300000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SI-E (15.5-16) Lab Sample ID: 460-24277-20

Matrix: Solid Lab File ID: of171088.d

Analysis Method: 8082 Date Collected: 03/18/2011 10:35

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.05(g) Date Analyzed: 04/01/2011 03:21

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	2500		150	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	138		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/of171088.d
Lab Smp Id: 460-24277-F-20-B Client Smp ID: PMP-15-SI-E (15.5-1
Inj Date : 01-APR-2011 03:21
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-20-B
Misc Info : 460-24277-F-20-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 44
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	13.57649	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.170	3.160	0.010	110692	1289.06	2000	80.00- 120.00	100.00(M)
3.642	3.633	0.009	257797	1569.95	2400	152.98- 229.47	232.90
3.928	3.922	0.006	127960	1579.71	2400	75.46- 113.20	115.60
4.187	4.180	0.007	492534	1624.48	2500	282.47- 423.70	444.96
4.355	4.350	0.005	216073	1666.02	2600	120.83- 181.24	195.20
4.602	4.598	0.004	105845	1621.18	2500	60.83- 91.24	95.62
5.100	5.097	0.003	226199	1853.45	2800	113.70- 170.55	204.35
5.428	5.425	0.003	143814	1625.57	2500	82.42- 123.63	129.92
Average of Peak Concentrations =					2500		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	102252	34.4672	53	80.00- 120.00	100.00

QC Flag Legend

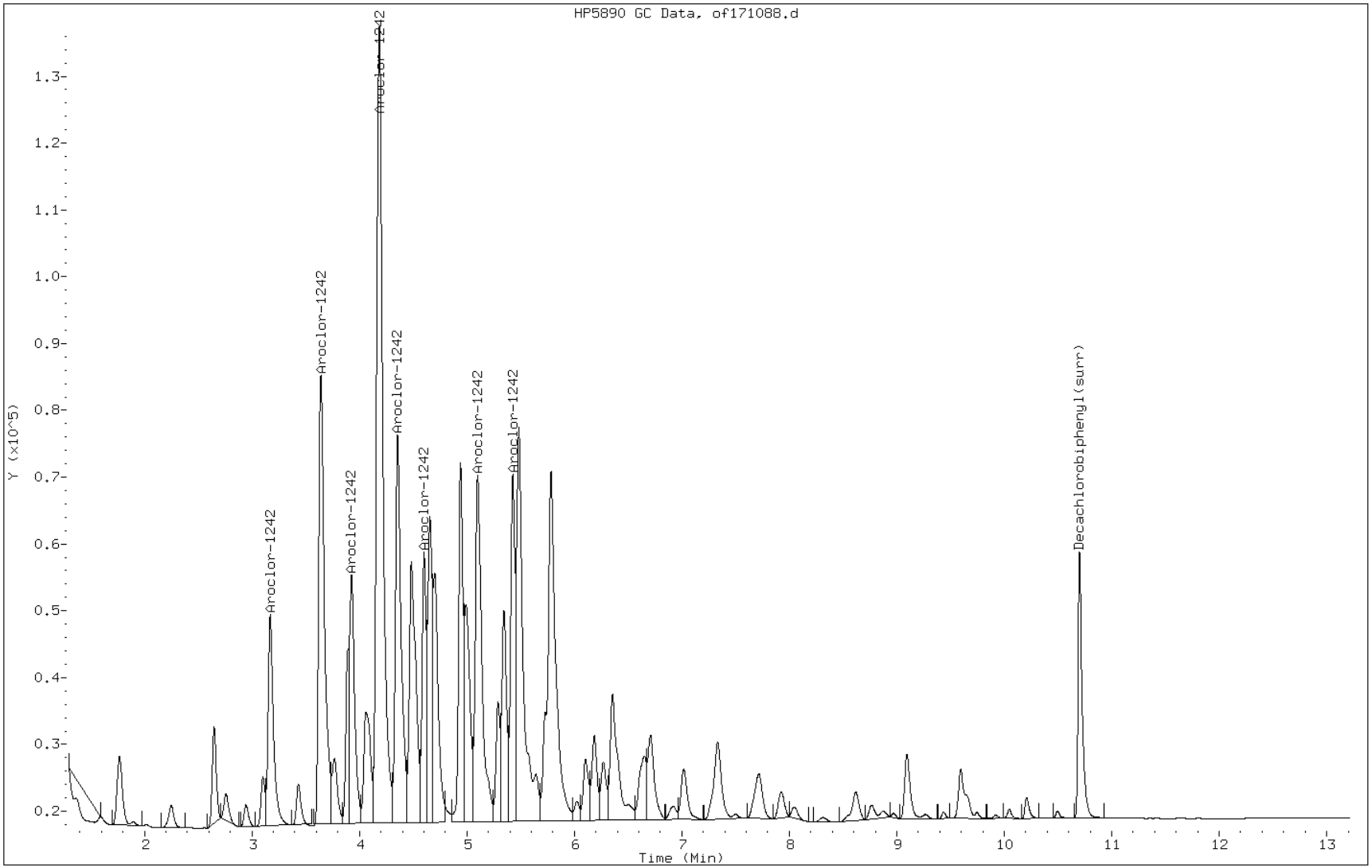
M - Compound response manually integrated.

Data File: of171088.d

Date: 01-APR-2011 03:21

Client ID: PMP-15-SI-E (15.5-1 Instrument: PESTGC7.i

Sample Info: 460-24277-F-20-B Operator: 615



Manual Integration Report

Data File: of171088.d
Inj. Date and Time: 01-APR-2011 03:21
Instrument ID: PESTGC7.i
Client ID: PMP-15-SI-E (15.5-1
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

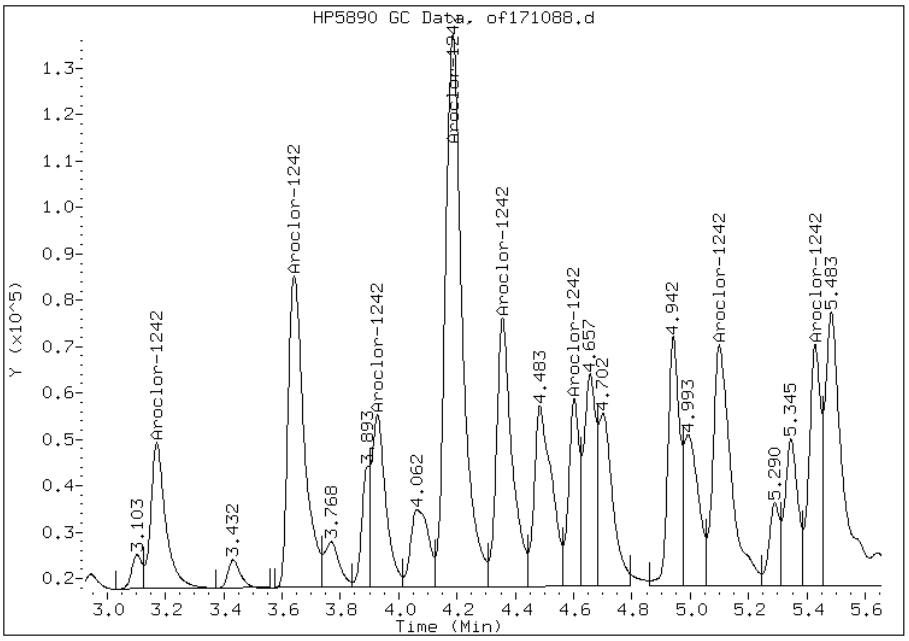
Manual Integration Results

RT: 3.17

Response: 110692

Amount: 1603.68

Conc: 2500.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SI-E (15.5-16) Lab Sample ID: 460-24277-20

Matrix: Solid Lab File ID: or171088.d

Analysis Method: 8082 Date Collected: 03/18/2011 10:35

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.05(g) Date Analyzed: 04/01/2011 03:21

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	150	U	150	30
11104-28-2	Aroclor 1221	150	U	150	47
11141-16-5	Aroclor 1232	150	U	150	88
12672-29-6	Aroclor 1248	150	U	150	41
11097-69-1	Aroclor 1254	150	U	150	53
11096-82-5	Aroclor 1260	150	U	150	17
37324-23-5	Aroclor 1262	150	U	150	27
11100-14-4	Aroclor 1268	150	U	150	27

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		30-150

Data File: or171088.d
Report Date: 01-Apr-2011 04:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/or171088.d
Lab Smp Id: 460-24277-F-20-B Client Smp ID: PMP-15-SI-E (15.5-1
Inj Date : 01-APR-2011 03:21
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-20-B
Misc Info : 460-24277-F-20-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/08Or8082.m
Meth Date : 01-Apr-2011 04:25 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 44
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	13.57649	% Moisture

Cpnd Variable Local Compound Variable

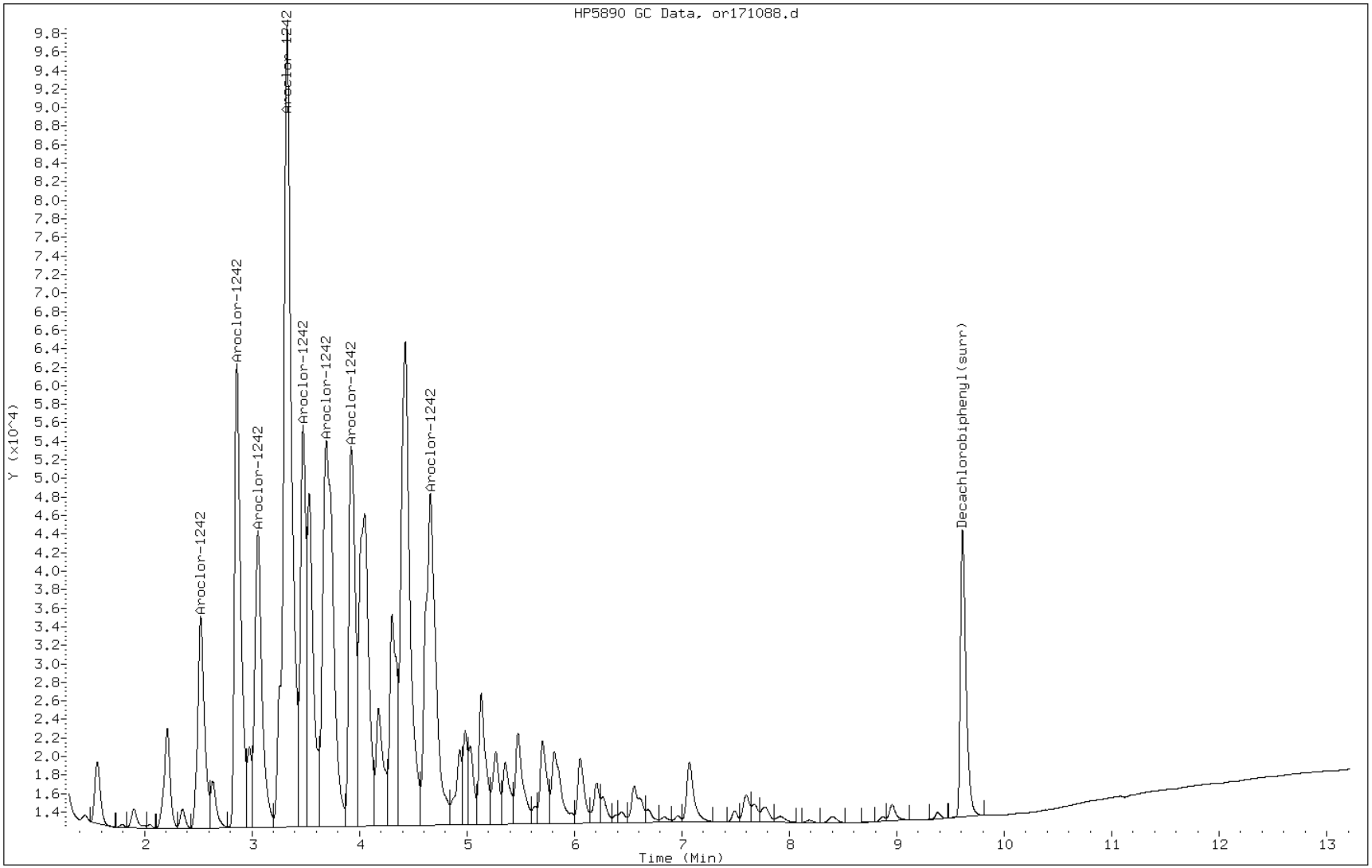
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.523	2.512	0.011	99888	1182.74	1800	80.00- 120.00	100.00
2.860	2.852	0.008	202242	1481.25	2300	129.33- 194.00	202.47
3.057	3.052	0.005	151115	1552.94	2400	92.18- 138.26	151.28
3.327	3.323	0.004	454570	1623.42	2500	265.24- 397.85	455.08
3.475	3.470	0.005	151330	1497.46	2300	95.73- 143.59	151.50
3.692	3.692	0.000	287428	1504.69	2300	180.95- 271.42	287.75
3.923	3.922	0.001	171284	1505.56	2300	107.77- 161.65	171.48
4.660	4.667	-0.007	240797	2286.60	3500	99.75- 149.63	241.07
Average of Peak Concentrations =					2400		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.612	9.610	0.002	111605	30.1016	46	80.00- 120.00	100.00

Data File: or171088.d

Date: 01-APR-2011 03:21

Client ID: PMP-15-SI-E (15.5-1 Instrument: PESTGC7.i

Sample Info: 460-24277-F-20-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SD-E (23.5-24.0) Lab Sample ID: 460-24277-21

Matrix: Solid Lab File ID: qf082599.d

Analysis Method: 8082 Date Collected: 03/18/2011 10:40

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 15:37

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	74	J	77	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11c.b/qf082599.d
Lab Smp Id: 460-24277-F-21-B Client Smp ID: PMP-15-SD-E (23.5-2
Inj Date : 31-MAR-2011 15:37
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-21-B
Misc Info : 460-24277-F-21-B
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11c.b/08Qf8082.m
Meth Date : 31-Mar-2011 09:35 shanthi Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qf082571.d
Als bottle: 43
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	13.21762	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.564	1.566	-0.002	680832	137.358	100	80.00- 120.00	100.00(M)
1.934	1.936	-0.002	1024283	103.479	79	159.76- 239.64	150.45
2.155	2.158	-0.003	723558	131.730	100	88.65- 132.98	106.28
2.398	2.399	-0.001	1630092	93.9220	72	280.12- 420.18	239.43
2.539	2.543	-0.004	633806	82.7849	64	123.57- 185.35	93.09
2.656	2.657	-0.001	505277	85.0438	65	95.89- 143.84	74.21
3.097	3.102	-0.005	654133	74.5243	57	141.67- 212.50	96.08
3.272	3.277	-0.005	390016	61.2171	47	102.83- 154.24	57.29
Average of Peak Concentrations =					74		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.336	10.328	0.008	10467095	45.9356	35	80.00- 120.00	100.00

QC Flag Legend

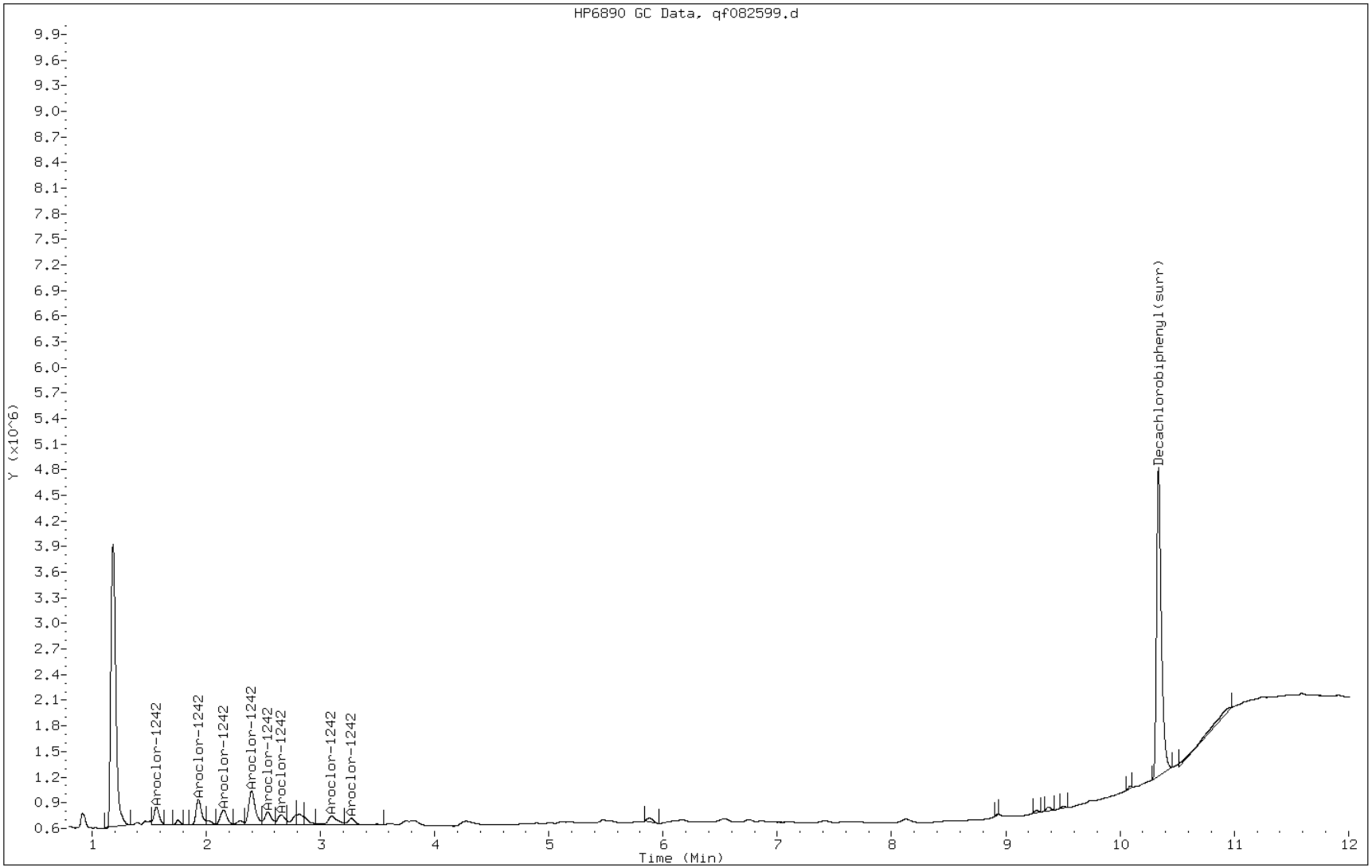
M - Compound response manually integrated.

Data File: qf082599.d

Date: 31-MAR-2011 15:37

Client ID: PMP-15-SD-E (23.5-2 Instrument: PESTGC8.i

Sample Info: 460-24277-F-21-B Operator: 615



Manual Integration Report

Data File: qf082599.d
Inj. Date and Time: 31-MAR-2011 15:37
Instrument ID: PESTGC8.i
Client ID: PMP-15-SD-E (23.5-2
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 1.57

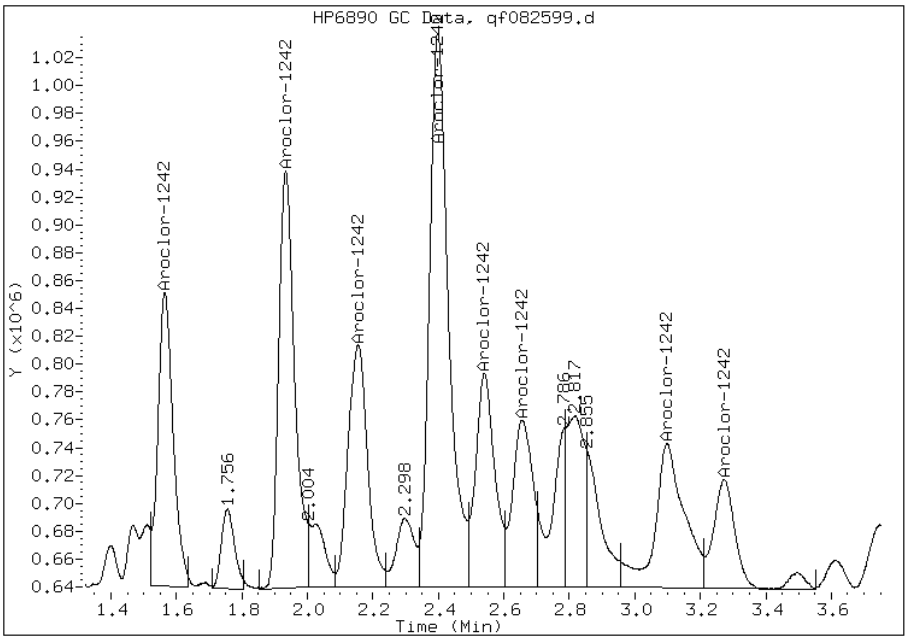
Manual Integration Results

RT: 1.56

Response: 680832

Amount: 96.26

Conc: 74.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SD-E (23.5-24.0) Lab Sample ID: 460-24277-21

Matrix: Solid Lab File ID: qr082599.d

Analysis Method: 8082 Date Collected: 03/18/2011 10:40

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 15:37

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	77	U	77	15
11104-28-2	Aroclor 1221	77	U	77	23
11141-16-5	Aroclor 1232	77	U	77	44
12672-29-6	Aroclor 1248	77	U	77	21
11097-69-1	Aroclor 1254	77	U	77	26
11096-82-5	Aroclor 1260	77	U	77	8.6
37324-23-5	Aroclor 1262	77	U	77	13
11100-14-4	Aroclor 1268	77	U	77	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		30-150

Data File: qr082599.d
Report Date: 01-Apr-2011 01:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11c.b/qr082599.d
Lab Smp Id: 460-24277-F-21-B Client Smp ID: PMP-15-SD-E (23.5-2
Inj Date : 31-MAR-2011 15:37
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-21-B
Misc Info : 460-24277-F-21-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11c.b/08Qr8082.m
Meth Date : 01-Apr-2011 01:52 diazc Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qr082571.d
Als bottle: 43
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	13.21762	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.212	1.212	0.000	813897	140.044	110	80.00- 120.00	100.00(M)
1.458	1.460	-0.002	997113	101.782	78	134.85- 202.28	122.51
1.604	1.606	-0.002	767822	102.535	79	103.08- 154.62	94.34
1.825	1.826	-0.001	1727328	75.0248	58	316.92- 475.39	212.23
1.946	1.947	-0.001	496791	60.6628	47	112.73- 169.09	61.04
2.131	2.136	-0.005	654058	46.8647	36	192.11- 288.17	80.36
2.330	2.335	-0.005	417841	47.1136	36	122.08- 183.12	51.34
2.780	2.785	-0.005	700295	42.5680	33	226.46- 339.68	86.04
Average of Peak Concentrations =					59		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.230	9.234	-0.004	16834307	47.8012	37	80.00- 120.00	100.00

Data File: qr082599.d
Report Date: 01-Apr-2011 01:52

QC Flag Legend

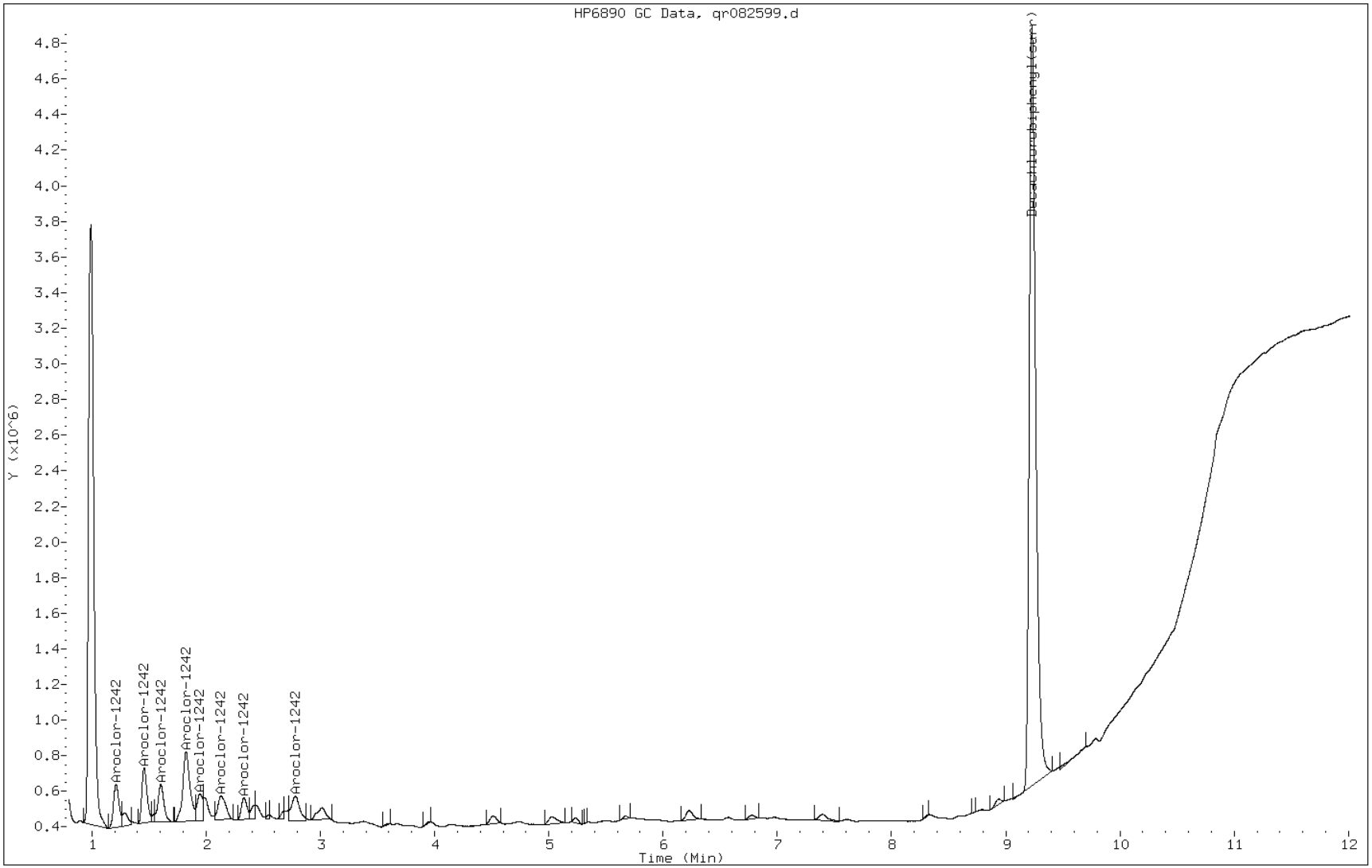
M - Compound response manually integrated.

Data File: qr082599.d

Date: 31-MAR-2011 15:37

Client ID: PMP-15-SD-E (23.5-2 Instrument: PESTGC8.i

Sample Info: 460-24277-F-21-B Operator: 615



Manual Integration Report

Data File: qr082599.d
Inj. Date and Time: 31-MAR-2011 15:37
Instrument ID: PESTGC8.i
Client ID: PMP-15-SD-E (23.5-2
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 1.21

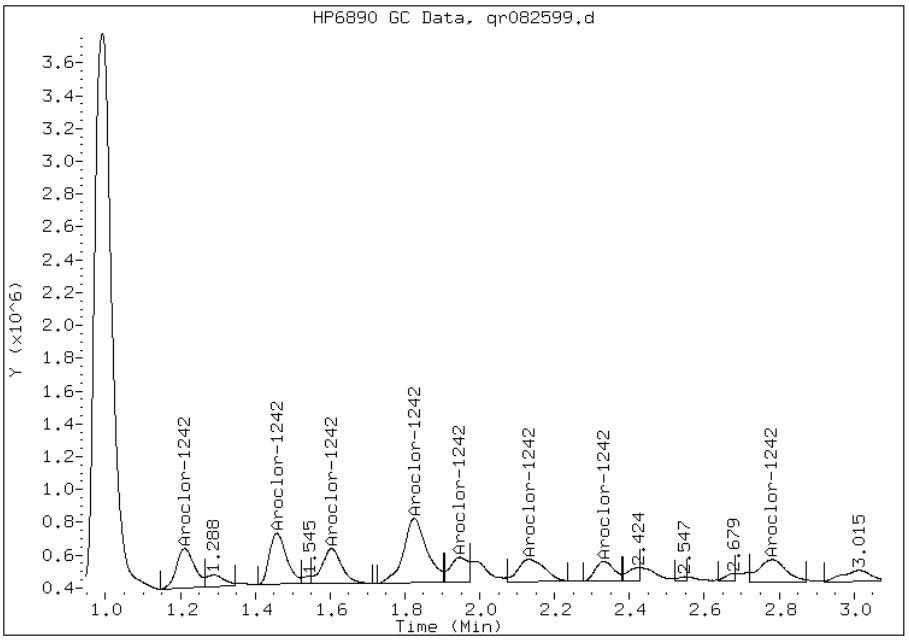
Manual Integration Results

RT: 1.21

Response: 813897

Amount: 77.07

Conc: 59.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-VD-E (3-5) Lab Sample ID: 460-24277-22

Matrix: Solid Lab File ID: qf082627.d

Analysis Method: 8082 Date Collected: 03/18/2011 11:55

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 23:19

Con. Extract Vol.: 10(mL) Dilution Factor: 500

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69159 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: qf082627.d
Report Date: 01-Apr-2011 02:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11e.b/qf082627.d
Lab Smp Id: 460-24277-F-22-B Client Smp ID: PMP-28-VD-E (3-5)
Inj Date : 31-MAR-2011 23:19
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-22-B
Misc Info : 460-24277-F-22-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11e.b/08Qf8082.m
Meth Date : 31-Mar-2011 09:35 shanthi Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qf082571.d
Als bottle: 44
Dil Factor: 500.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	500.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	5.40915	% Moisture

Cpnd Variable Local Compound Variable

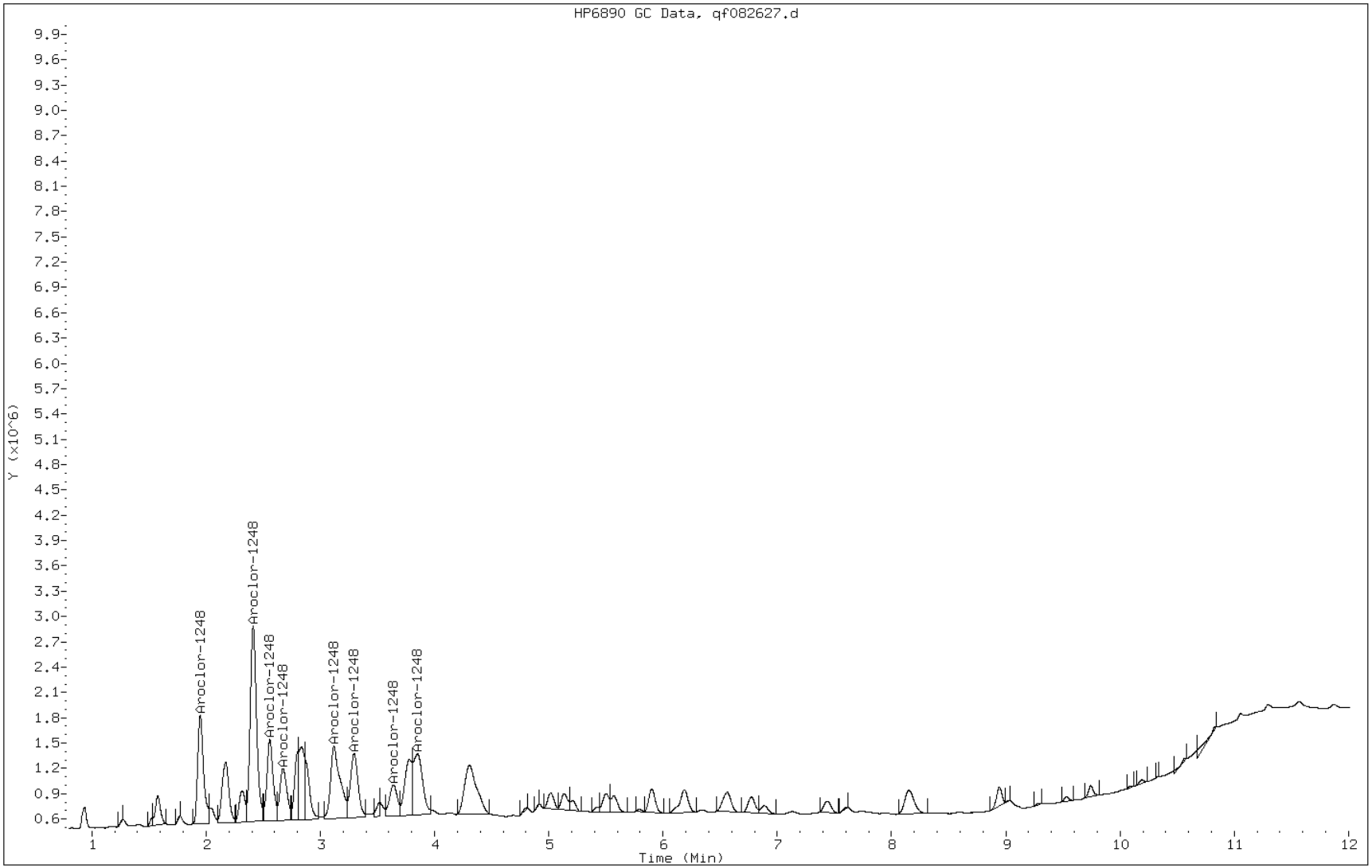
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
1.949	1.932	0.017	4619037	1107.60	390000	80.00- 120.00	100.00
2.412	2.395	0.017	9088418	800.370	280000	217.83- 326.74	196.76
2.558	2.538	0.020	3743374	770.795	270000	93.16- 139.74	81.04
2.673	2.666	0.007	2685951	642.232	220000	80.23- 120.34	58.15
3.119	3.100	0.019	4982803	406.035	140000	235.41- 353.12	107.88
3.295	3.274	0.021	3560521	376.679	130000	181.33- 271.99	77.08
3.641	3.616	0.025	1766087	355.794	120000	95.22- 142.83	38.23
3.850	3.818	0.032	4041832	324.409	110000	239.00- 358.51	87.50
Average of Peak Concentrations =					210000		

Data File: qf082627.d

Date: 31-MAR-2011 23:19

Client ID: PMP-28-VD-E (3-5) Instrument: PESTGC8.i

Sample Info: 460-24277-F-22-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-VD-E (3-5) Lab Sample ID: 460-24277-22

Matrix: Solid Lab File ID: qr082627.d

Analysis Method: 8082 Date Collected: 03/18/2011 11:55

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 23:19

Con. Extract Vol.: 10(mL) Dilution Factor: 500

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69159 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	35000	U	35000	6700
11104-28-2	Aroclor 1221	35000	U	35000	11000
11141-16-5	Aroclor 1232	35000	U	35000	20000
53469-21-9	Aroclor 1242	35000	U	35000	6700
12672-29-6	Aroclor 1248	240000		35000	9400
11097-69-1	Aroclor 1254	35000	U	35000	12000
11096-82-5	Aroclor 1260	35000	U	35000	3900
37324-23-5	Aroclor 1262	35000	U	35000	6100
11100-14-4	Aroclor 1268	35000	U	35000	6100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11e.b/qr082627.d
Lab Smp Id: 460-24277-F-22-B Client Smp ID: PMP-28-VD-E (3-5)
Inj Date : 31-MAR-2011 23:19
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-22-B
Misc Info : 460-24277-F-22-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11e.b/08Qr8082.m
Meth Date : 01-Apr-2011 00:28 diazc Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qr082571.d
Als bottle: 44
Dil Factor: 500.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	500.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	5.40915	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
1.463	1.456	0.007	4847100	949.690	330000	80.00- 120.00	100.00(M)
1.609	1.603	0.006	4160125	1439.51	500000	45.30- 67.95	85.83
1.829	1.823	0.006	11774928	806.043	280000	228.98- 343.46	242.93
2.138	2.131	0.007	7830982	376.162	130000	326.31- 489.47	161.56
2.337	2.331	0.006	4971028	395.551	140000	196.99- 295.48	102.56
2.430	2.415	0.015	5484301	432.491	150000	198.76- 298.14	113.15
2.787	2.781	0.006	9476074	329.253	120000	451.12- 676.67	195.50
3.019	3.015	0.004	8068934	726.564	260000	174.07- 261.11	166.47
			Average of Peak Concentrations =		240000		

QC Flag Legend

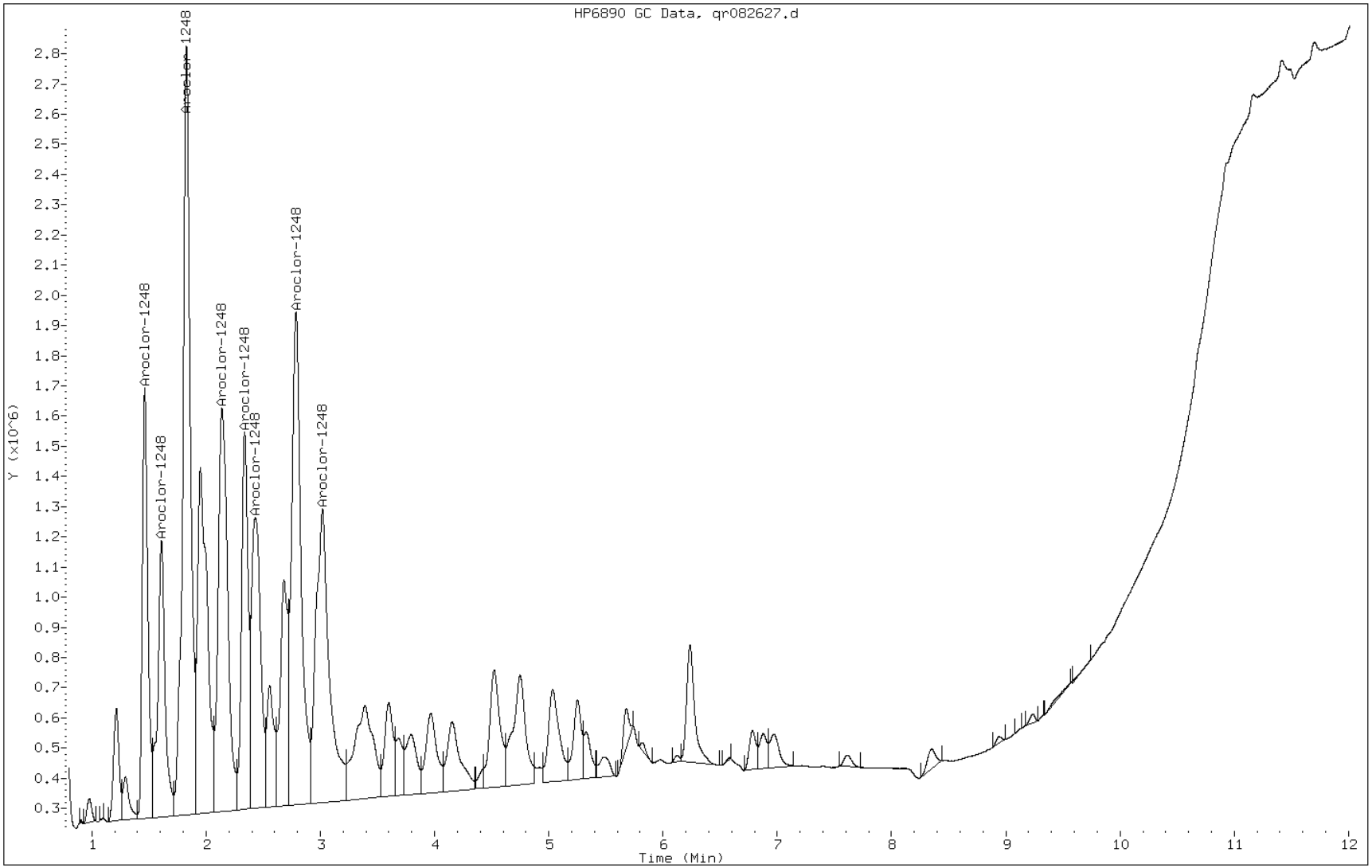
M - Compound response manually integrated.

Data File: qr082627.d

Date: 31-MAR-2011 23:19

Client ID: PMP-28-VD-E (3-5) Instrument: PESTGC8.i

Sample Info: 460-24277-F-22-B Operator: 615



Manual Integration Report

Data File: qr082627.d
Inj. Date and Time: 31-MAR-2011 23:19
Instrument ID: PESTGC8.i
Client ID: PMP-28-VD-E (3-5)
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

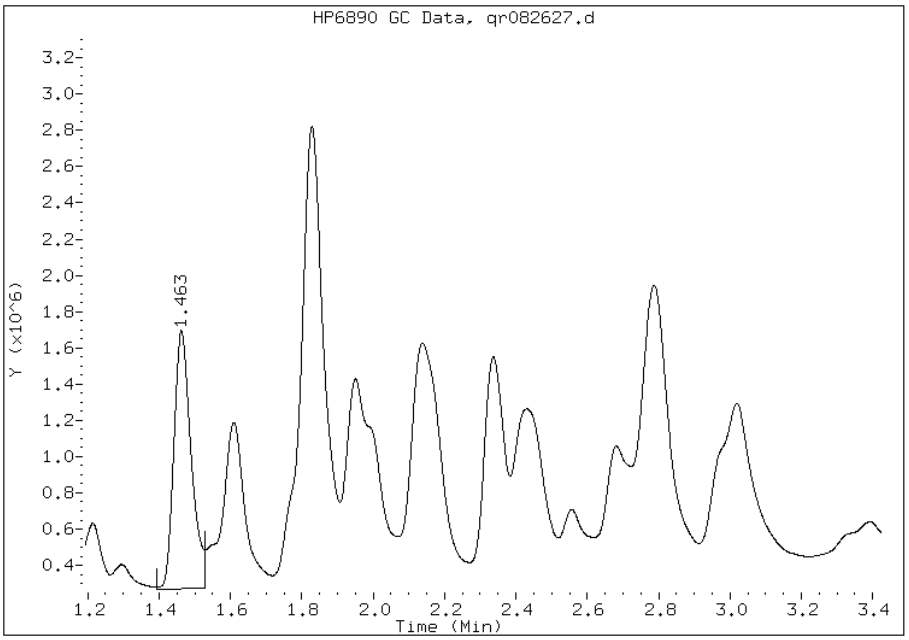
Processing Integration Results

RT: 1.46

Response: 4816559

Amount: 666.42

Conc: 230000.00



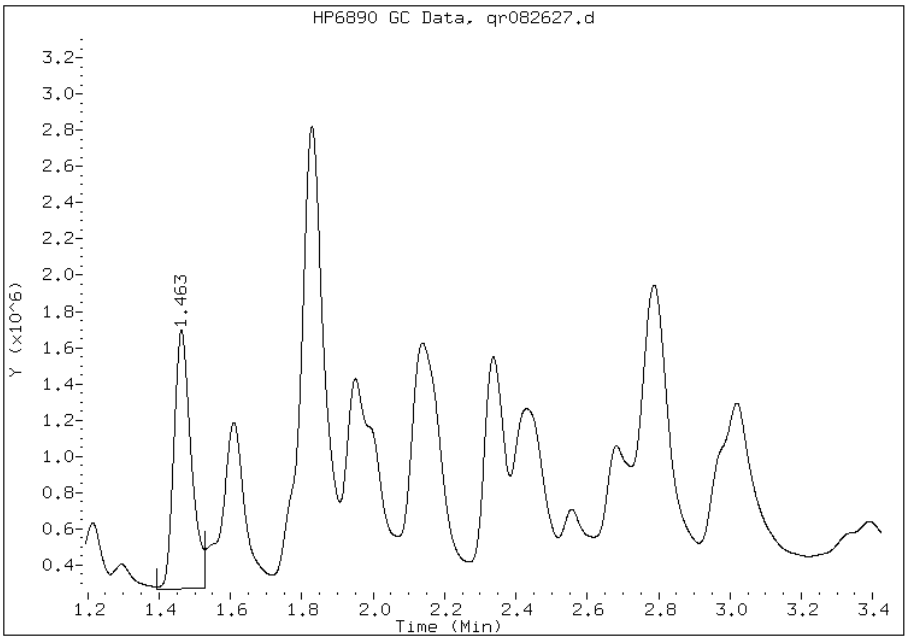
Manual Integration Results

RT: 1.46

Response: 4847100

Amount: 681.91

Conc: 240000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-WT-E (8-8.5) Lab Sample ID: 460-24277-23

Matrix: Solid Lab File ID: qf082628.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:00

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 23:35

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69159 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: qf082628.d
Report Date: 01-Apr-2011 02:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11e.b/qf082628.d
Lab Smp Id: 460-24277-F-23-B Client Smp ID: PMP-28-WT-E (8-8.5)
Inj Date : 31-MAR-2011 23:35
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-23-B
Misc Info : 460-24277-F-23-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11e.b/08Qf8082.m
Meth Date : 31-Mar-2011 09:35 shanthi Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qf082571.d
Als bottle: 45
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	14.70180	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
1.937	1.932	0.005	0			80.00- 120.00	0.00(M)
2.398	2.395	0.003	23235557	2046.23	80000	217.83- 326.74	200.22
2.543	2.538	0.005	9554200	1967.30	77000	93.16- 139.74	82.33
2.657	2.666	-0.009	7428738	1776.27	69000	80.23- 120.34	64.01
3.102	3.100	0.002	7923279	645.647	25000	235.41- 353.12	68.27
3.277	3.274	0.003	9139478	966.894	38000	181.33- 271.99	78.75
3.618	3.616	0.002	4846861	976.442	38000	95.22- 142.83	41.77
3.826	3.818	0.008	11346579	910.710	36000	239.00- 358.51	97.77
Average of Peak Concentrations =					52000		

Data File: qf082628.d
Report Date: 01-Apr-2011 02:21

QC Flag Legend

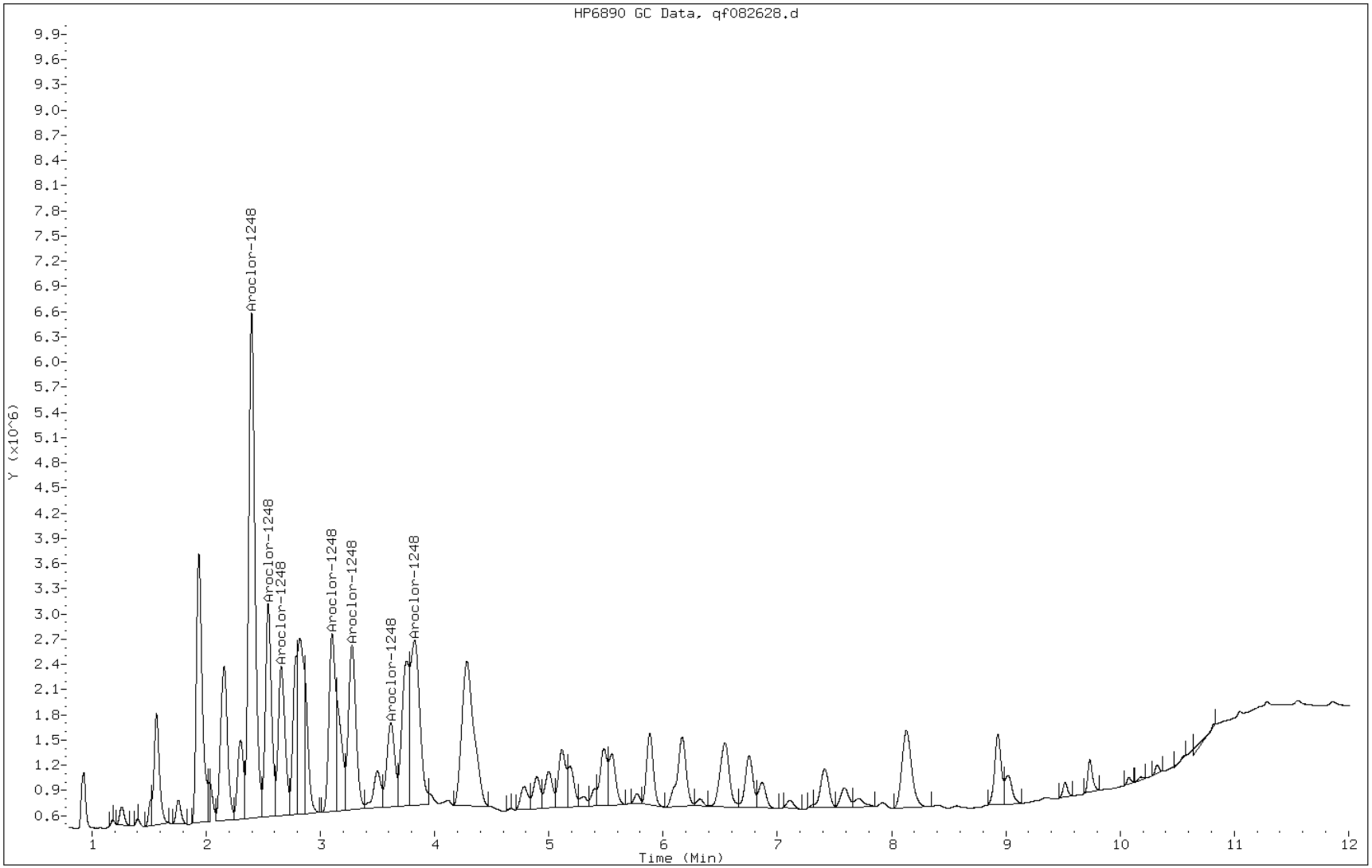
M - Compound response manually integrated.

Data File: qf082628.d

Date: 31-MAR-2011 23:35

Client ID: PMP-28-WT-E (8-8.5) Instrument: PESTGC8.i

Sample Info: 460-24277-F-23-B Operator: 615



Manual Integration Report

Data File: qf082628.d
Inj. Date and Time: 31-MAR-2011 23:35
Instrument ID: PESTGC8.i
Client ID: PMP-28-WT-E (8-8.5)
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 1.93

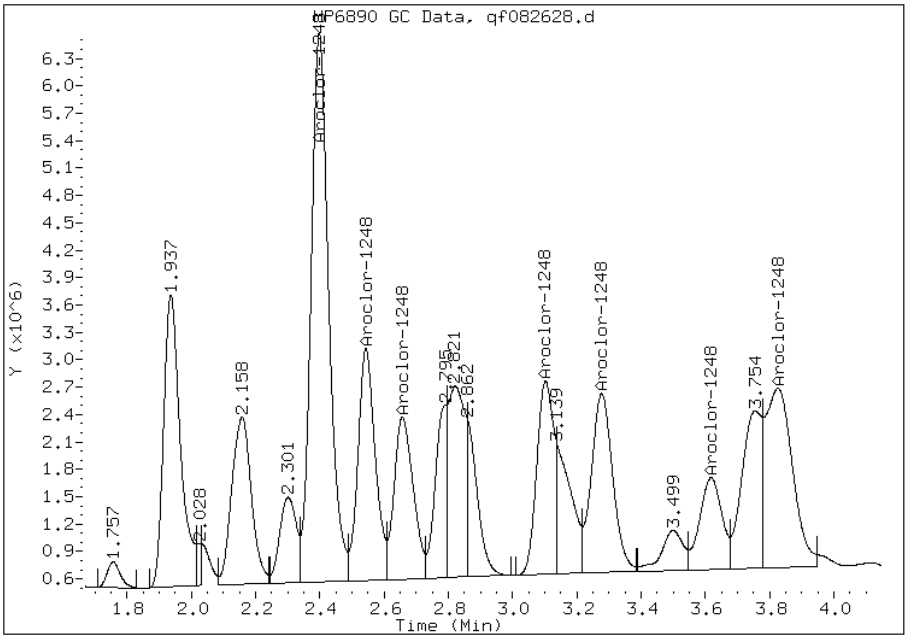
Manual Integration Results

RT: 1.94

Response: 0

Amount: 1327.07

Conc: 52000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-WT-E (8-8.5) | Lab Sample ID: 460-24277-23

Matrix: Solid | Lab File ID: qr082628.d

Analysis Method: 8082 | Date Collected: 03/18/2011 12:00

Extraction Method: 3541 | Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 23:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69159 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3900	U	3900	750
11104-28-2	Aroclor 1221	3900	U	3900	1200
11141-16-5	Aroclor 1232	3900	U	3900	2200
53469-21-9	Aroclor 1242	3900	U	3900	740
12672-29-6	Aroclor 1248	53000		3900	1000
11097-69-1	Aroclor 1254	3900	U	3900	1300
11096-82-5	Aroclor 1260	3900	U	3900	440
37324-23-5	Aroclor 1262	3900	U	3900	670
11100-14-4	Aroclor 1268	3900	U	3900	670

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11e.b/qr082628.d
Lab Smp Id: 460-24277-F-23-B Client Smp ID: PMP-28-WT-E (8-8.5)
Inj Date : 31-MAR-2011 23:35
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-23-B
Misc Info : 460-24277-F-23-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11e.b/08Qr8082.m
Meth Date : 01-Apr-2011 00:28 diazc Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qr082571.d
Als bottle: 45
Dil Factor: 50.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	14.70180	% Moisture

Cpnd Variable Local Compound Variable

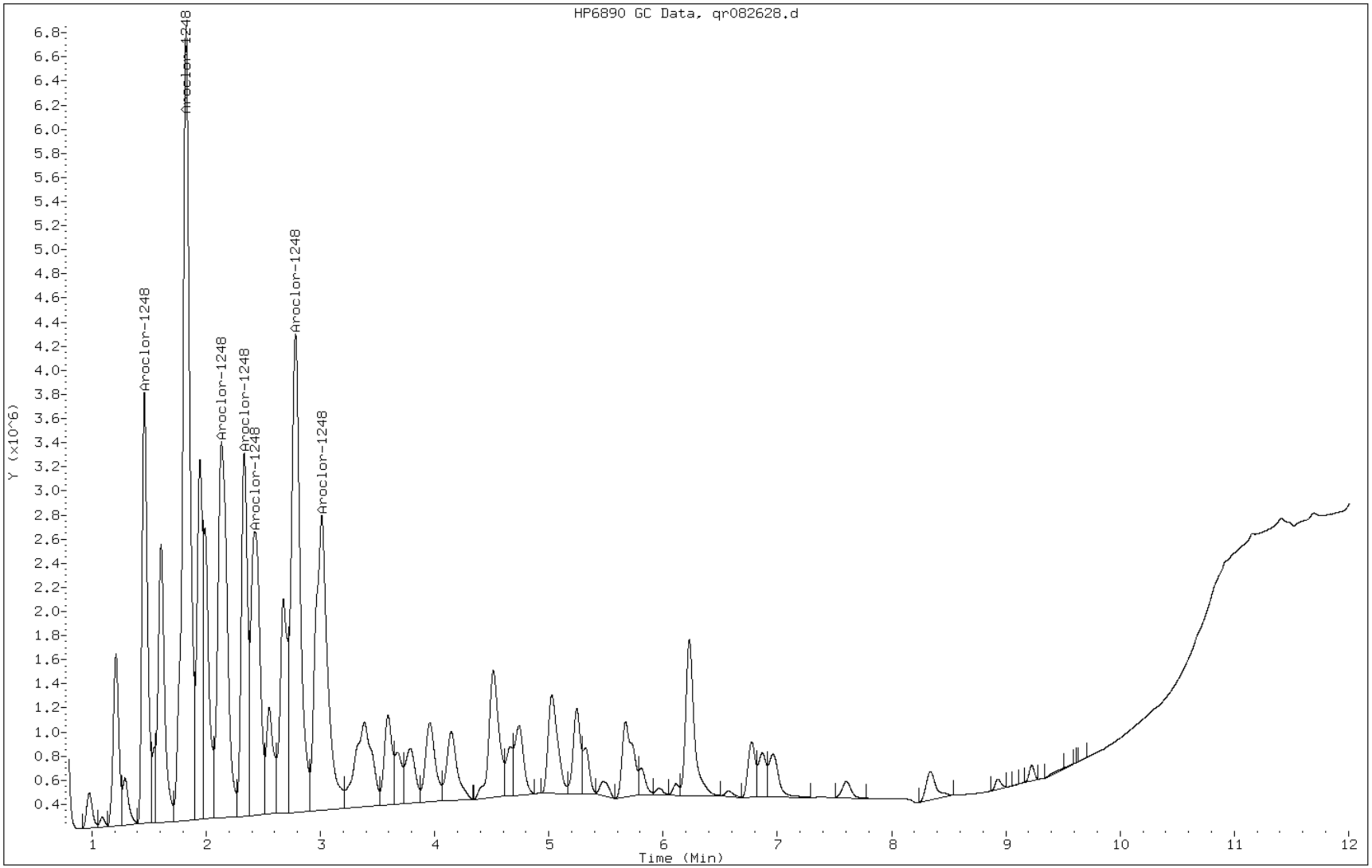
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
1.459	1.456	0.003	12020397	2355.15	92000	80.00- 120.00	100.00
1.606	1.603	0.003	0			45.30- 67.95	0.00
1.824	1.823	0.001	29569577	2024.16	79000	228.98- 343.46	246.00
2.134	2.131	0.003	17973384	863.352	34000	326.31- 489.47	149.52
2.333	2.331	0.002	11571482	920.756	36000	196.99- 295.48	96.27
2.427	2.415	0.012	13028134	1027.40	40000	198.76- 298.14	108.38
2.783	2.781	0.002	21725308	754.862	29000	451.12- 676.67	180.74
3.013	3.015	-0.002	18160347	1635.24	64000	174.07- 261.11	151.08
			Average of Peak Concentrations =		53000		

Data File: qr082628.d

Date: 31-MAR-2011 23:35

Client ID: PMP-28-WT-E (8-8.5) Instrument: PESTGC8.i

Sample Info: 460-24277-F-23-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI1-E (11-13) Lab Sample ID: 460-24277-24

Matrix: Solid Lab File ID: qf082629.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:05

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 23:51

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69159 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	5900		380	100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		30-150

Data File: qf082629.d
Report Date: 01-Apr-2011 02:22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11e.b/qf082629.d
Lab Smp Id: 460-24277-F-24-B Client Smp ID: PMP-28-SI1-E (11-13
Inj Date : 31-MAR-2011 23:51
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-24-B
Misc Info : 460-24277-F-24-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11e.b/08Qf8082.m
Meth Date : 31-Mar-2011 09:35 shanthi Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qf082571.d
Als bottle: 46
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	12.41915	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
1.936	1.932	0.004	0			80.00- 120.00	0.00(M)
2.397	2.395	0.002	27244641	2399.29	9100	217.83- 326.74	201.41
2.542	2.538	0.004	11522253	2372.54	9000	93.16- 139.74	85.18
2.654	2.666	-0.012	8982630	2147.82	8200	80.23- 120.34	66.41
3.101	3.100	0.001	9796020	798.251	3000	235.41- 353.12	72.42
3.274	3.274	0.000	10172926	1076.23	4100	181.33- 271.99	75.21
3.615	3.616	-0.001	5055521	1018.48	3900	95.22- 142.83	37.37
3.823	3.818	0.005	12203326	979.475	3700	239.00- 358.51	90.22
Average of Peak Concentrations =					5900		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.322	10.328	-0.006	2864124	12.5694	48	80.00- 120.00	100.00(a)

Data File: qf082629.d
Report Date: 01-Apr-2011 02:22

QC Flag Legend

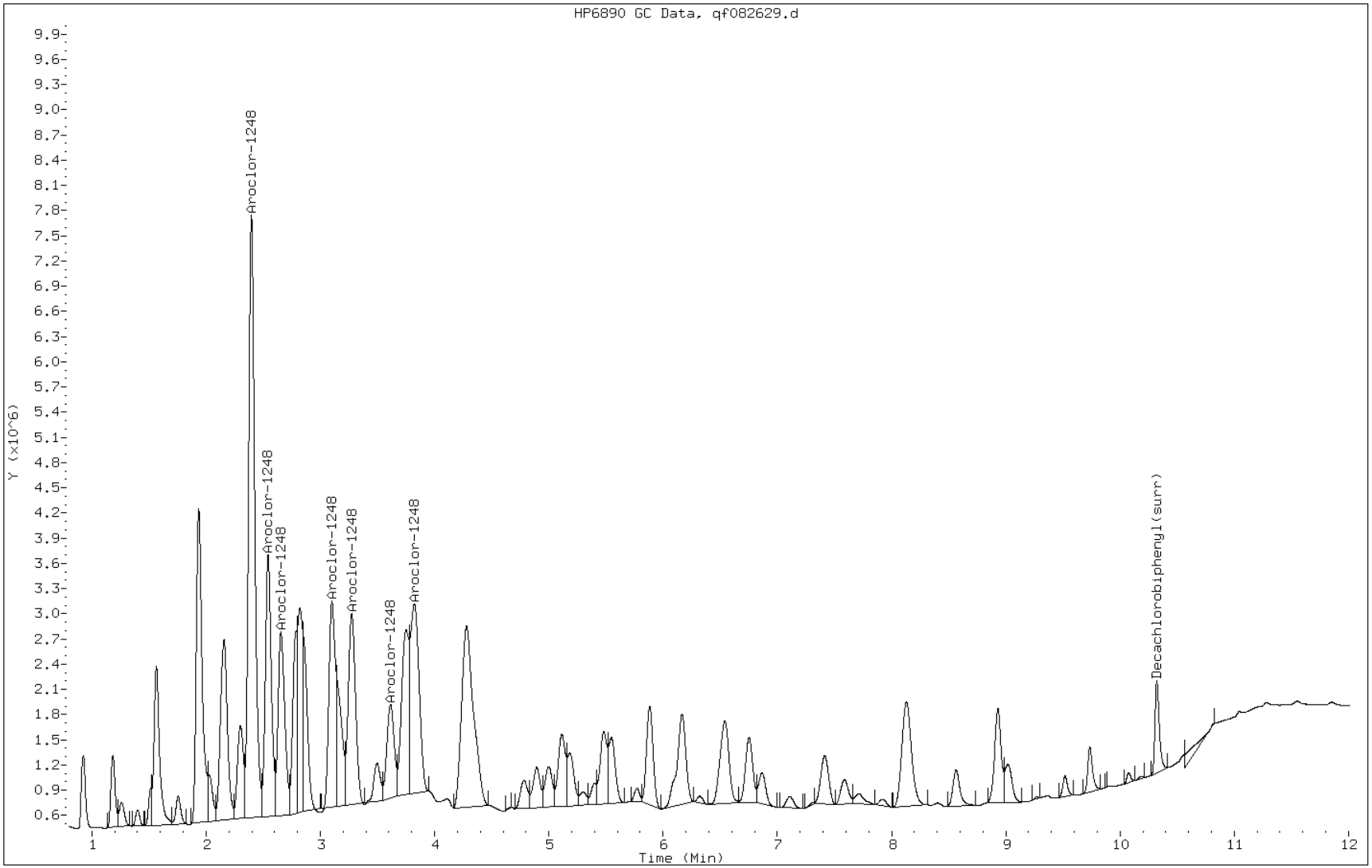
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: qf082629.d

Date: 31-MAR-2011 23:51

Client ID: PMP-28-SI1-E (11-13 Instrument: PESTGC8.i

Sample Info: 460-24277-F-24-B Operator: 615



Manual Integration Report

Data File: qf082629.d
Inj. Date and Time: 31-MAR-2011 23:51
Instrument ID: PESTGC8.i
Client ID: PMP-28-SI1-E (11-13
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 1.93

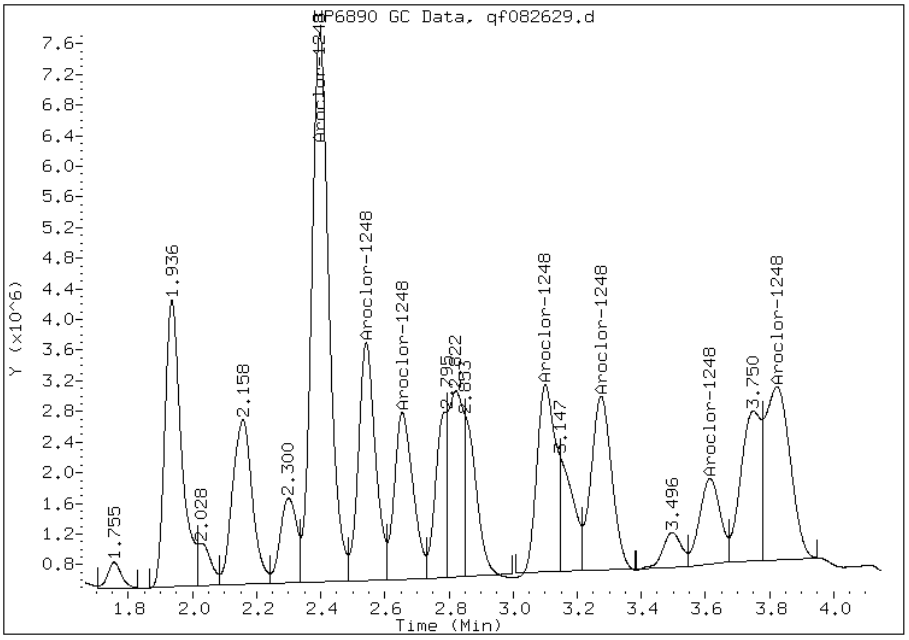
Manual Integration Results

RT: 1.94

Response: 0

Amount: 1541.73

Conc: 5900.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI1-E (11-13) Lab Sample ID: 460-24277-24

Matrix: Solid Lab File ID: qr082629.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:05

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 23:51

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69159 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	380	U	380	73
11104-28-2	Aroclor 1221	380	U	380	120
11141-16-5	Aroclor 1232	380	U	380	220
53469-21-9	Aroclor 1242	380	U	380	72
11097-69-1	Aroclor 1254	380	U	380	130
11096-82-5	Aroclor 1260	380	U	380	43
37324-23-5	Aroclor 1262	380	U	380	66
11100-14-4	Aroclor 1268	380	U	380	66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11e.b/qr082629.d
Lab Smp Id: 460-24277-F-24-B Client Smp ID: PMP-28-SI1-E (11-13
Inj Date : 31-MAR-2011 23:51
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-24-B
Misc Info : 460-24277-F-24-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11e.b/08Qr8082.m
Meth Date : 01-Apr-2011 00:28 diazc Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qr082571.d
Als bottle: 46
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	12.41915	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
1.458	1.456	0.002	0			80.00- 120.00	0.00
1.605	1.603	0.002	0			45.30- 67.95	0.00
1.823	1.823	0.000	34987606	2395.05	9100	228.98- 343.46	253.60
2.133	2.131	0.002	20455557	982.583	3700	326.31- 489.47	148.27
2.333	2.331	0.002	13357162	1062.84	4000	196.99- 295.48	96.82
2.428	2.415	0.013	15224408	1200.59	4600	198.76- 298.14	110.35
2.782	2.781	0.001	24985656	868.145	3300	451.12- 676.67	181.11
3.012	3.015	-0.003	21148011	1904.27	7200	174.07- 261.11	153.29
Average of Peak Concentrations =					5300		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.228	9.234	-0.006	4327350	12.2876	47	80.00- 120.00	100.00(a)

QC Flag Legend

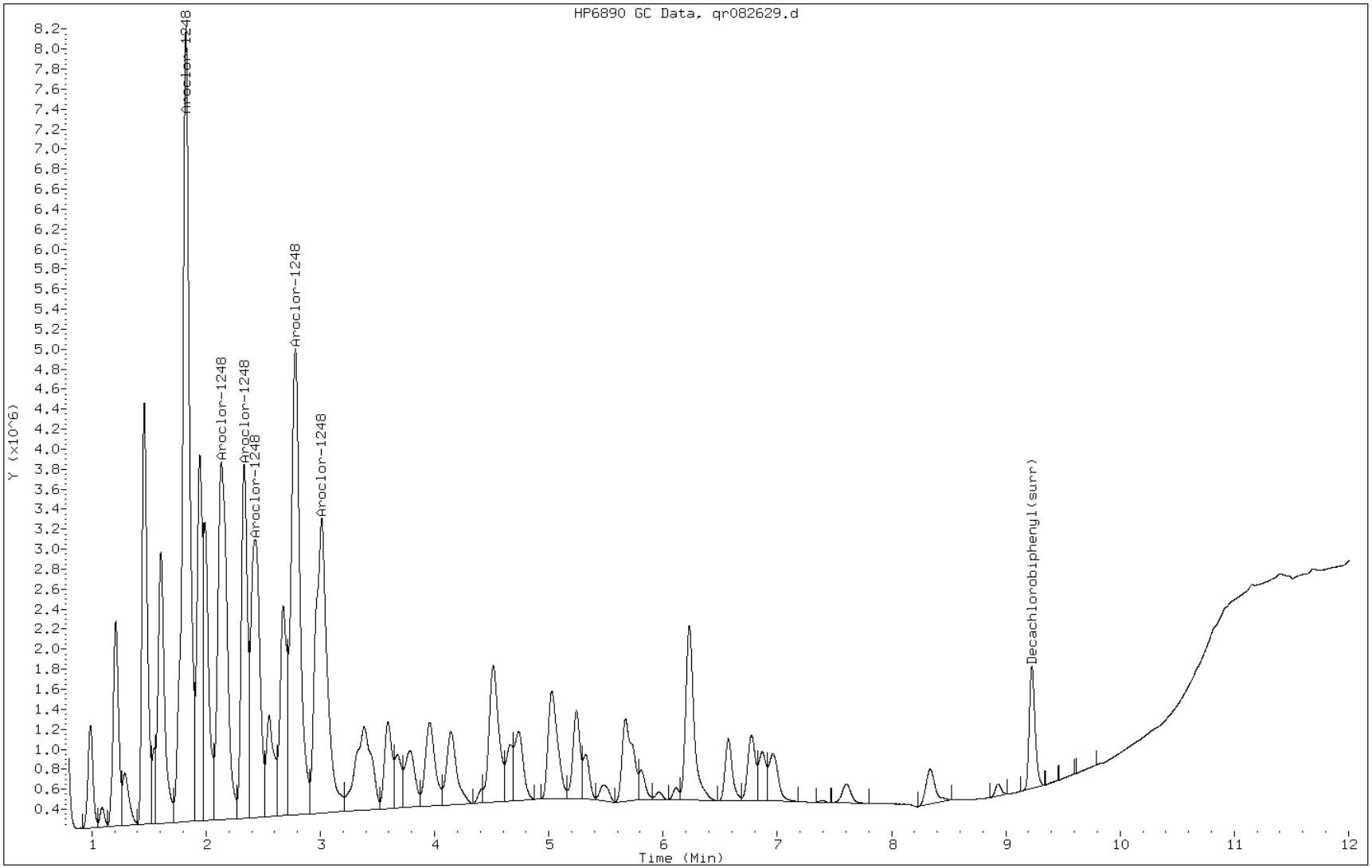
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: qr082629.d

Date: 31-MAR-2011 23:51

Client ID: PMP-28-SI1-E (11-13 Instrument: PESTGC8.i

Sample Info: 460-24277-F-24-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI2-E (15-17) Lab Sample ID: 460-24277-25

Matrix: Solid Lab File ID: qf082603.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:10

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.03(g) Date Analyzed: 03/31/2011 16:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11c.b/qf082603.d
Lab Smp Id: 460-24277-F-25-B Client Smp ID: PMP-28-SI2-E (15-17
Inj Date : 31-MAR-2011 16:44
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-25-B
Misc Info : 460-24277-F-25-B
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11c.b/08Qf8082.m
Meth Date : 31-Mar-2011 09:35 shanthi Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qf082571.d
Als bottle: 47
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	13.37143	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
1.934	1.932	0.002	1158667	277.836	210	80.00- 120.00	100.00(M)
2.396	2.395	0.001	2450981	215.845	160	217.83- 326.74	211.53
2.540	2.538	0.002	884224	182.070	140	93.16- 139.74	76.31
2.655	2.666	-0.011	542655	129.753	100	80.23- 120.34	46.83
3.098	3.100	-0.002	1174912	95.7404	74	235.41- 353.12	101.40
3.271	3.274	-0.003	828082	87.6054	67	181.33- 271.99	71.47
3.612	3.616	-0.004	210928	42.4933	33	95.22- 142.83	18.20
3.818	3.818	0.000	808386	64.8834	50	239.00- 358.51	69.77
Average of Peak Concentrations =					100		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.329	10.328	0.001	11854945	52.0263	40	80.00- 120.00	100.00

QC Flag Legend

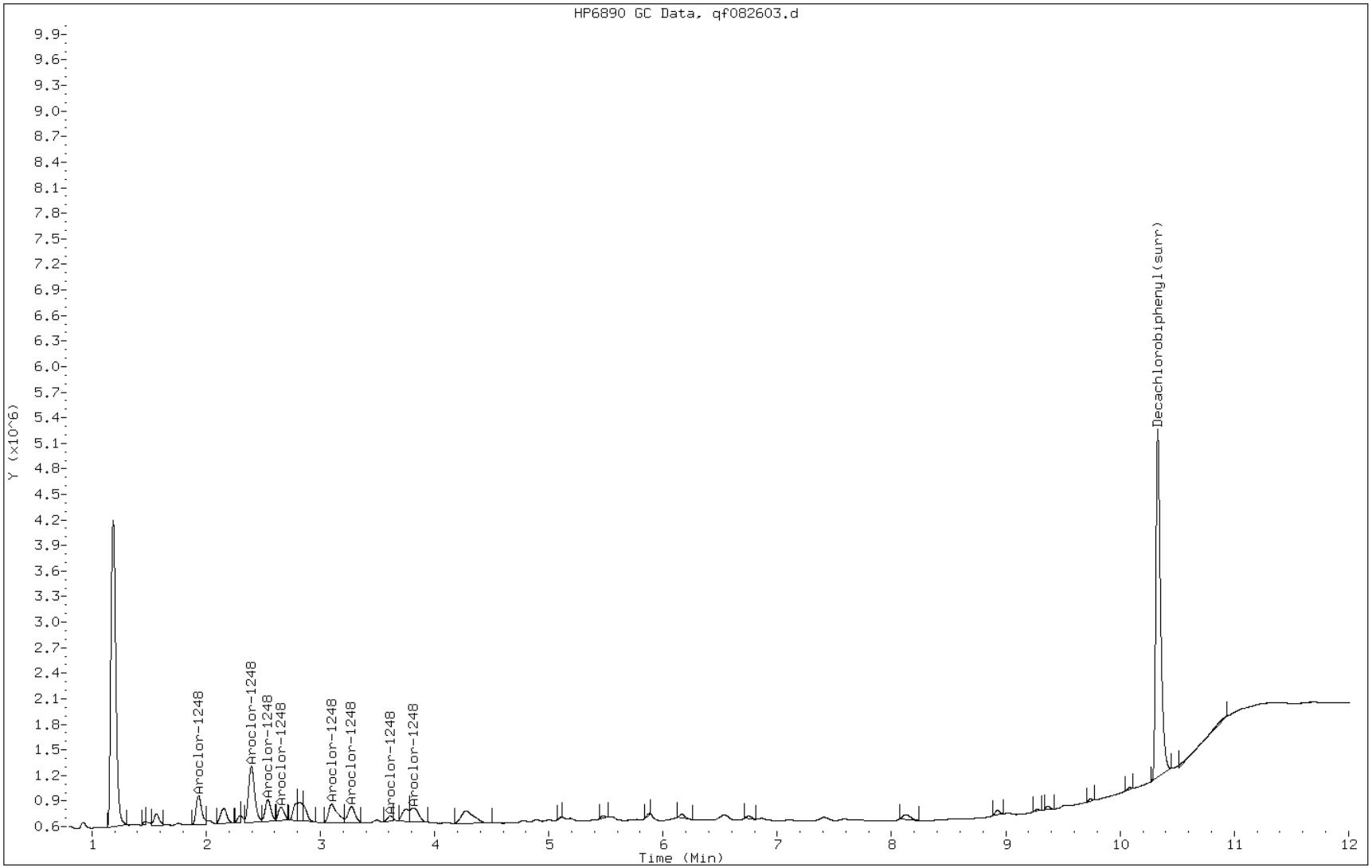
M - Compound response manually integrated.

Data File: qf082603.d

Date: 31-MAR-2011 16:44

Client ID: PMP-28-SI2-E (15-17 Instrument: PESTGC8.i

Sample Info: 460-24277-F-25-B Operator: 615



Manual Integration Report

Data File: qf082603.d
Inj. Date and Time: 31-MAR-2011 16:44
Instrument ID: PESTGC8.i
Client ID: PMP-28-SI2-E (15-17
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 1.93

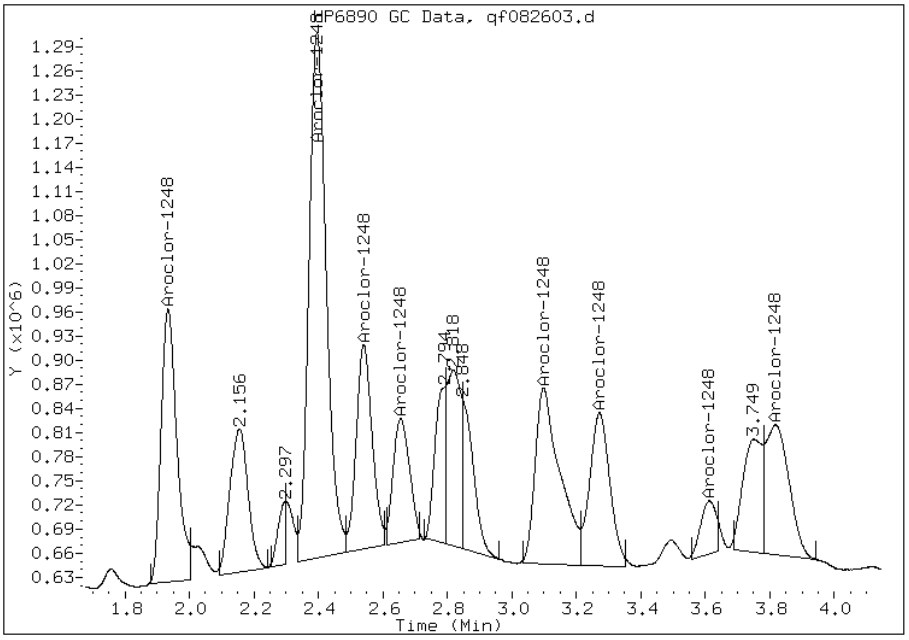
Manual Integration Results

RT: 1.93

Response: 1158667

Amount: 137.03

Conc: 100.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI2-E (15-17) Lab Sample ID: 460-24277-25

Matrix: Solid Lab File ID: qr082603.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:10

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.03(g) Date Analyzed: 03/31/2011 16:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	77	U	77	15
11104-28-2	Aroclor 1221	77	U	77	23
11141-16-5	Aroclor 1232	77	U	77	44
53469-21-9	Aroclor 1242	77	U	77	15
12672-29-6	Aroclor 1248	130		77	21
11097-69-1	Aroclor 1254	77	U	77	26
11096-82-5	Aroclor 1260	77	U	77	8.6
37324-23-5	Aroclor 1262	77	U	77	13
11100-14-4	Aroclor 1268	77	U	77	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		30-150

Data File: qr082603.d
Report Date: 01-Apr-2011 01:56

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11c.b/qr082603.d
Lab Smp Id: 460-24277-F-25-B Client Smp ID: PMP-28-SI2-E (15-17
Inj Date : 31-MAR-2011 16:44
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-25-B
Misc Info : 460-24277-F-25-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11c.b/08Qr8082.m
Meth Date : 01-Apr-2011 01:52 diazc Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qr082571.d
Als bottle: 47
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	13.37143	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
1.459	1.456	0.003	1158463	226.977	170	80.00- 120.00	100.00(MH)
1.605	1.603	0.002	975738	337.630	260	45.30- 67.95	84.23
1.824	1.823	0.001	3228582	221.010	170	228.98- 343.46	278.70
2.133	2.131	0.002	2046773	98.3168	76	326.31- 489.47	176.68
2.332	2.331	0.001	1245842	99.1331	76	196.99- 295.48	107.54
2.424	2.415	0.009	1280944	101.015	78	198.76- 298.14	110.57
2.780	2.781	-0.001	2369420	82.3273	63	451.12- 676.67	204.53
3.013	3.015	-0.002	1691282	152.291	120	174.07- 261.11	145.99
Average of Peak Concentrations =					130		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.228	9.234	-0.006	18705266	53.1138	41	80.00- 120.00	100.00

Data File: qr082603.d
Report Date: 01-Apr-2011 01:56

QC Flag Legend

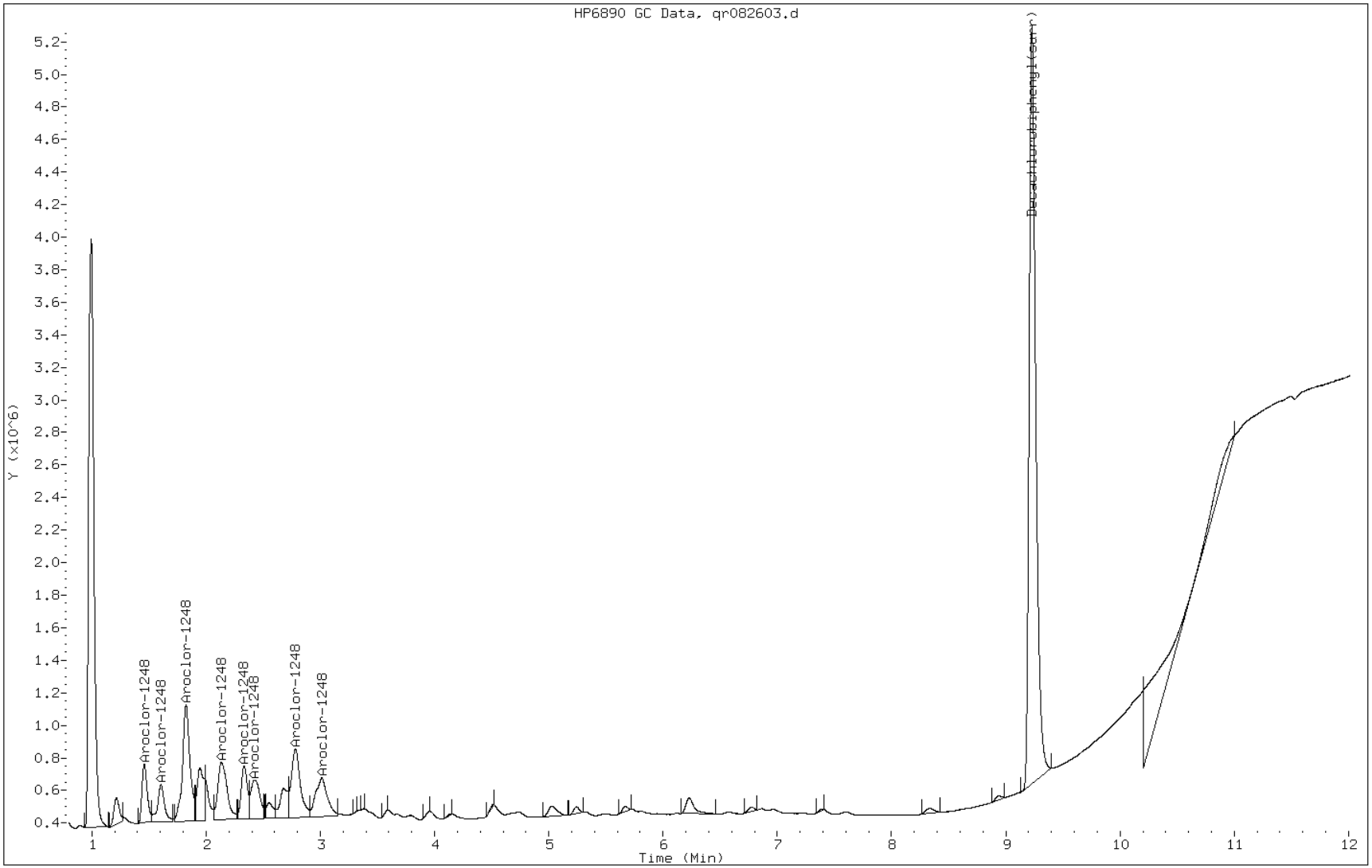
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: qr082603.d

Date: 31-MAR-2011 16:44

Client ID: PMP-28-SI2-E (15-17 Instrument: PESTGC8.i

Sample Info: 460-24277-F-25-B Operator: 615



Manual Integration Report

Data File: qr082603.d
Inj. Date and Time: 31-MAR-2011 16:44
Instrument ID: PESTGC8.i
Client ID: PMP-28-SI2-E (15-17
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 1.46

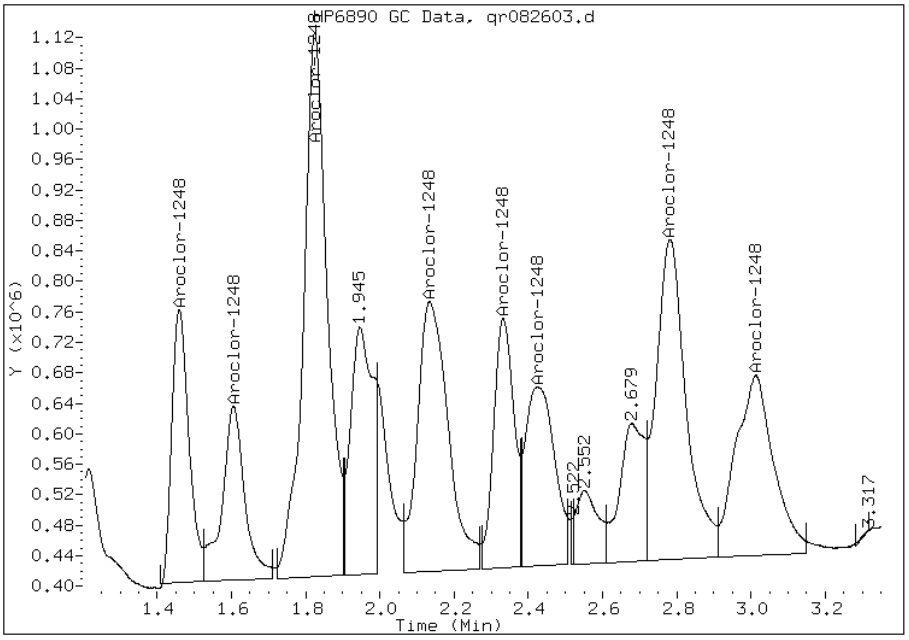
Manual Integration Results

RT: 1.46

Response: 1158463

Amount: 164.84

Conc: 130.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-VD-E (3.5-4) Lab Sample ID: 460-24277-26

Matrix: Solid Lab File ID: qf082604.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:30

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.05(g) Date Analyzed: 03/31/2011 17:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	32		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11c.b/qf082604.d
Lab Smp Id: 460-24277-F-26-B Client Smp ID: PMP-17-VD-E (3.5-4)
Inj Date : 31-MAR-2011 17:00
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-26-B
Misc Info : 460-24277-F-26-B
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11c.b/08Qf8082.m
Meth Date : 31-Mar-2011 09:35 shanthi Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qf082571.d
Als bottle: 48
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	4.10959	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.334	10.328	0.006	3599907	15.7985	11	80.00- 120.00	100.00(aR)

QC Flag Legend

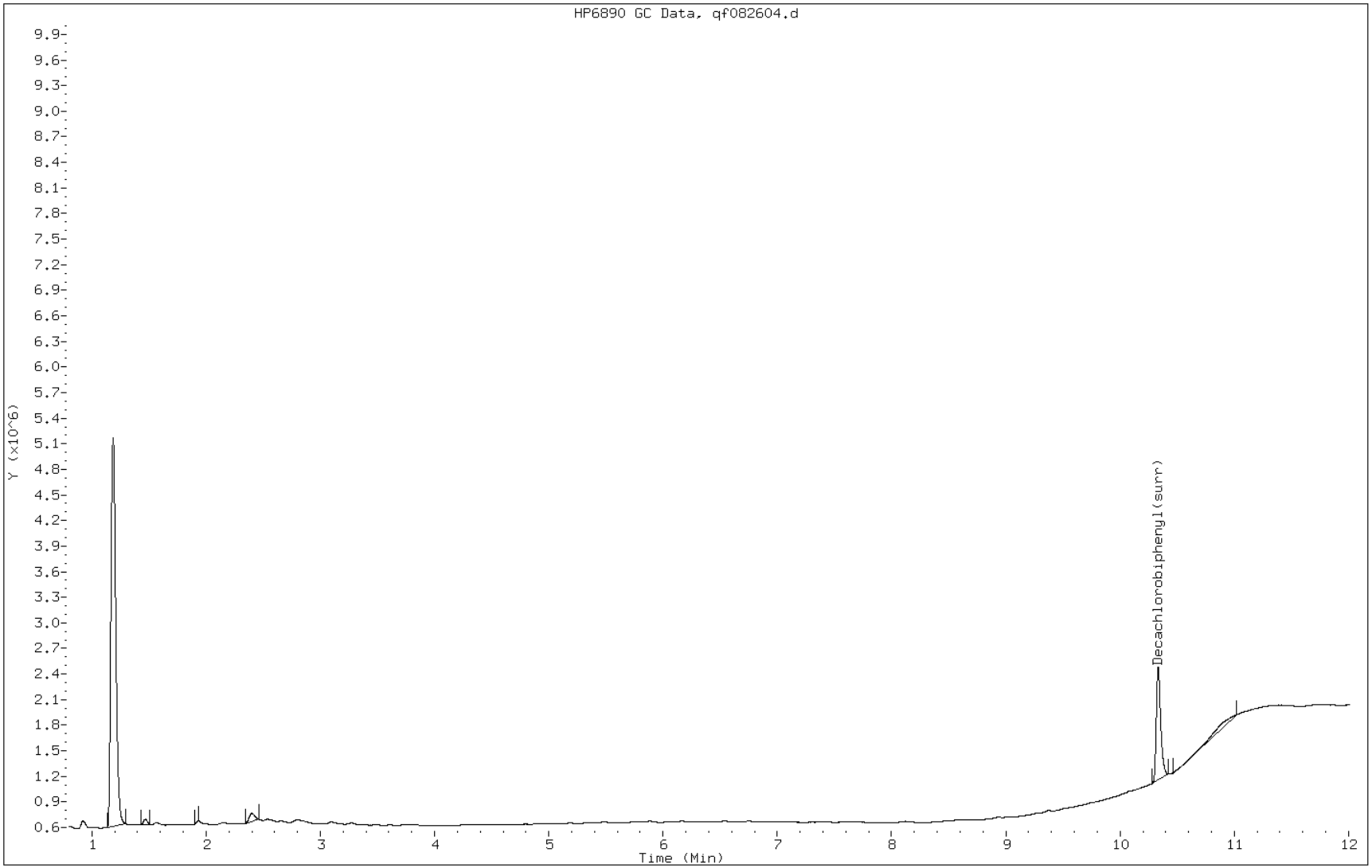
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: qf082604.d

Date: 31-MAR-2011 17:00

Client ID: PMP-17-VD-E (3.5-4) Instrument: PESTGC8.i

Sample Info: 460-24277-F-26-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-VD-E (3.5-4) Lab Sample ID: 460-24277-26

Matrix: Solid Lab File ID: qr082604.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:30

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.05(g) Date Analyzed: 03/31/2011 17:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	39
53469-21-9	Aroclor 1242	70	U	70	13
12672-29-6	Aroclor 1248	70	U	70	19
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.8
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	32		30-150

Data File: qr082604.d
Report Date: 01-Apr-2011 01:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11c.b/qr082604.d
Lab Smp Id: 460-24277-F-26-B Client Smp ID: PMP-17-VD-E (3.5-4)
Inj Date : 31-MAR-2011 17:00
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-26-B
Misc Info : 460-24277-F-26-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11c.b/08Qr8082.m
Meth Date : 01-Apr-2011 01:52 diazc Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qr082571.d
Als bottle: 48
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	4.10959	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.230	9.234	-0.004	5709075	16.2110	11	80.00- 120.00	100.00(aR)

QC Flag Legend

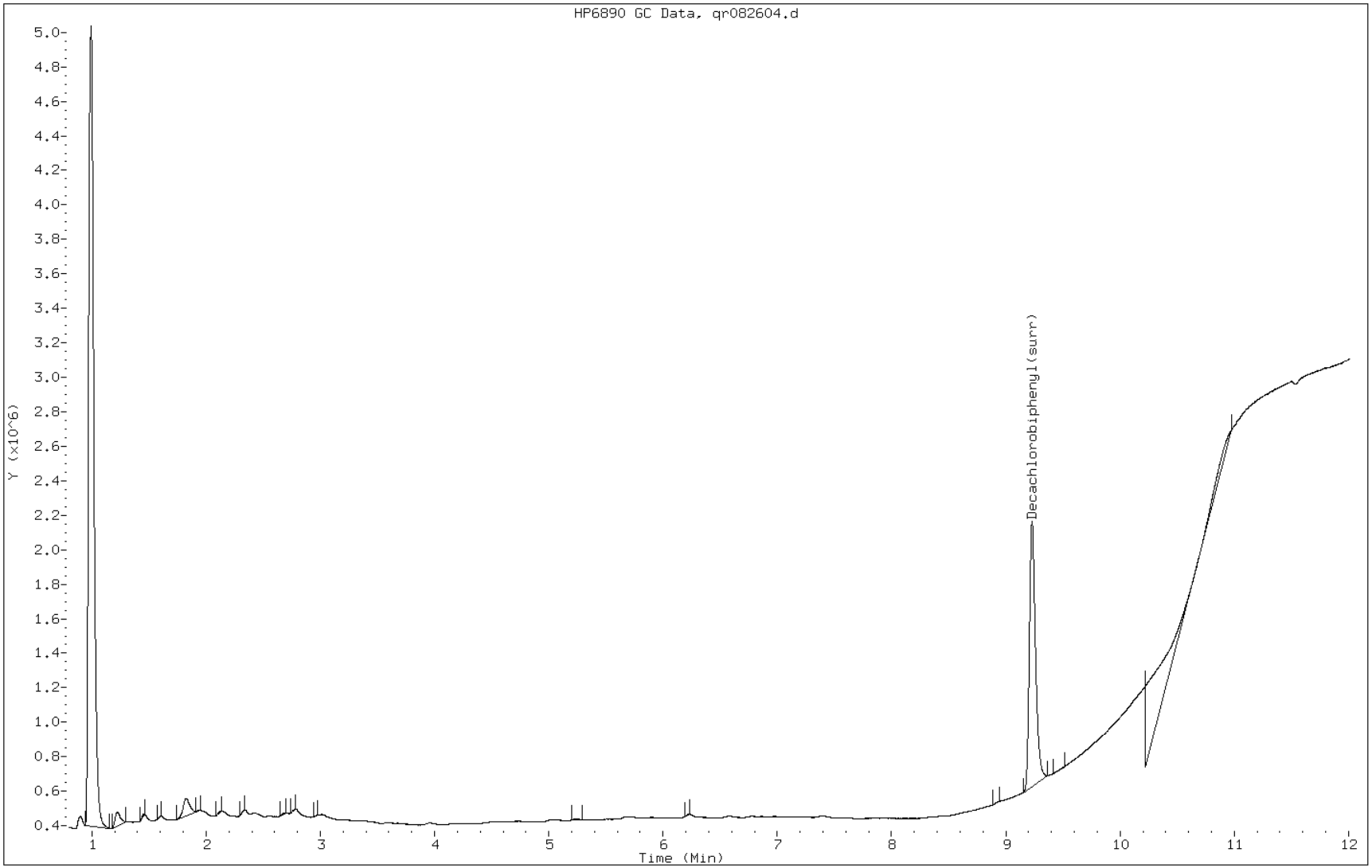
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: qr082604.d

Date: 31-MAR-2011 17:00

Client ID: PMP-17-VD-E (3.5-4) Instrument: PESTGC8.i

Sample Info: 460-24277-F-26-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-WT-E (8-8.5) Lab Sample ID: 460-24277-27

Matrix: Solid Lab File ID: qf082630.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:35

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.01(g) Date Analyzed: 04/01/2011 00:07

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69159 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: qf082630.d
Report Date: 01-Apr-2011 02:23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11e.b/qf082630.d
Lab Smp Id: 460-24277-F-27-B Client Smp ID: PMP-17-WT-E (8-8.5)
Inj Date : 01-APR-2011 00:07
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-27-B
Misc Info : 460-24277-F-27-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11e.b/08Qf8082.m
Meth Date : 31-Mar-2011 09:35 shanthi Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qf082571.d
Als bottle: 49
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	11.00124	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.563	1.566	-0.003	11455039	2311.06	170000	80.00- 120.00	100.00(M)
1.934	1.936	-0.002	22386596	2261.63	170000	159.76- 239.64	195.43
2.156	2.158	-0.002	0			88.65- 132.98	0.00
2.395	2.399	-0.004	0			280.12- 420.18	0.00
2.541	2.543	-0.002	18417153	2405.57	180000	123.57- 185.35	160.78
2.653	2.657	-0.004	14213644	2392.32	180000	95.89- 143.84	124.08
3.099	3.102	-0.003	16079719	1831.94	140000	141.67- 212.50	140.37
3.274	3.277	-0.003	0			102.83- 154.24	0.00

Average of Peak Concentrations = 170000

Data File: qf082630.d
Report Date: 01-Apr-2011 02:23

QC Flag Legend

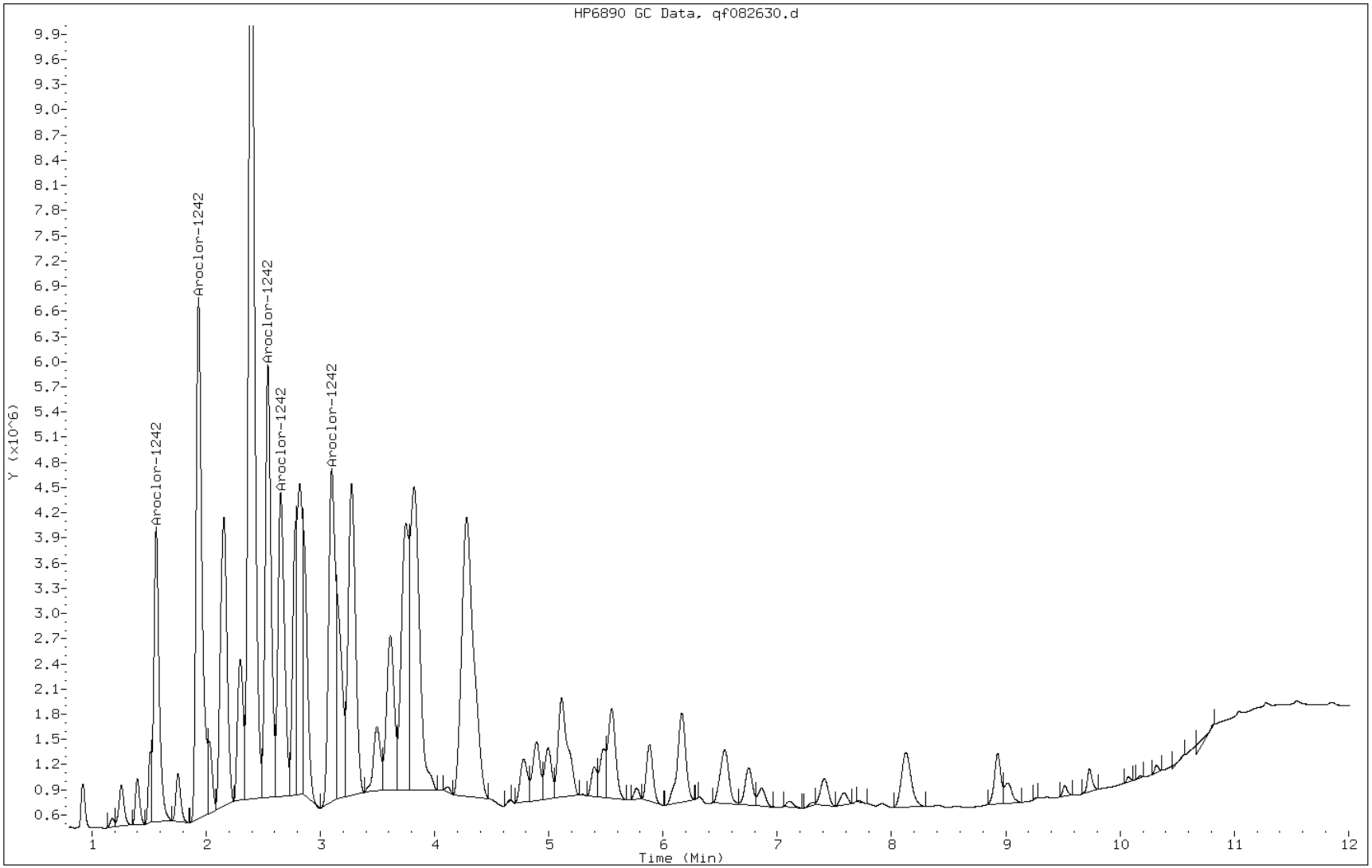
M - Compound response manually integrated.

Data File: qf082630.d

Date: 01-APR-2011 00:07

Client ID: PMP-17-WT-E (8-8.5) Instrument: PESTGC8.i

Sample Info: 460-24277-F-27-B Operator: 615



Manual Integration Report

Data File: qf082630.d
Inj. Date and Time: 01-APR-2011 00:07
Instrument ID: PESTGC8.i
Client ID: PMP-17-WT-E (8-8.5)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

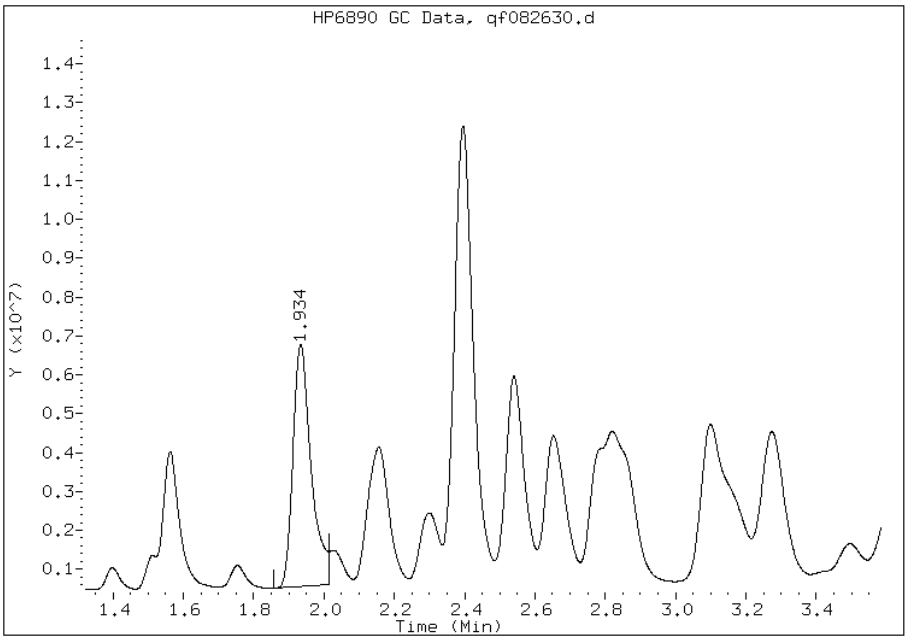
Processing Integration Results

RT: 1.93

Response: 22465684

Amount: 2441.62

Conc: 180000.00



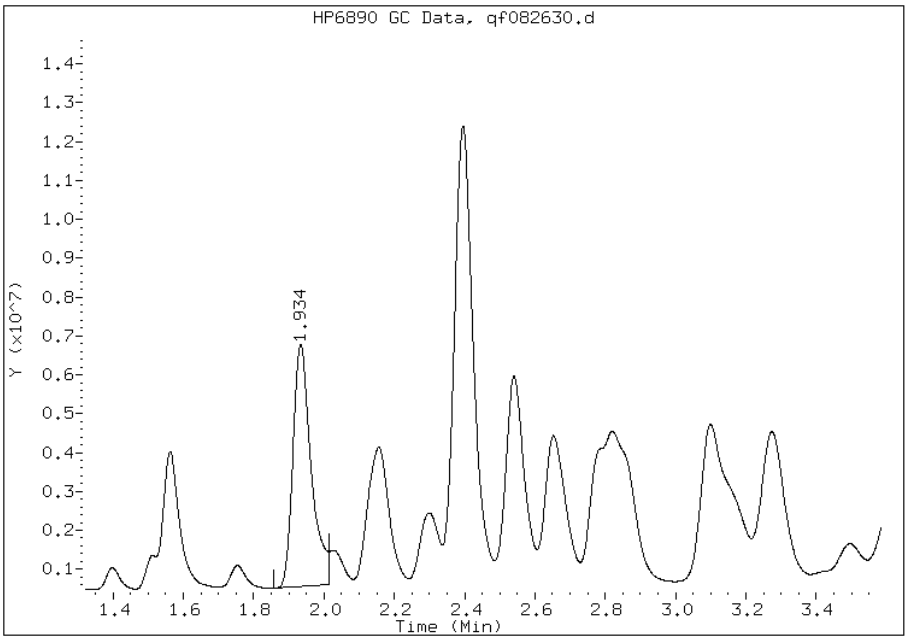
Manual Integration Results

RT: 1.93

Response: 22386596

Amount: 2240.50

Conc: 170000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-WT-E (8-8.5) | Lab Sample ID: 460-24277-27

Matrix: Solid | Lab File ID: qr082630.d

Analysis Method: 8082 | Date Collected: 03/18/2011 12:35

Extraction Method: 3541 | Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.01(g) | Date Analyzed: 04/01/2011 00:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69159 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	7500	U	7500	1400
11104-28-2	Aroclor 1221	7500	U	7500	2300
11141-16-5	Aroclor 1232	7500	U	7500	4300
53469-21-9	Aroclor 1242	170000		7500	1400
12672-29-6	Aroclor 1248	7500	U	7500	2000
11097-69-1	Aroclor 1254	7500	U	7500	2600
11096-82-5	Aroclor 1260	7500	U	7500	840
37324-23-5	Aroclor 1262	7500	U	7500	1300
11100-14-4	Aroclor 1268	7500	U	7500	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11e.b/qr082630.d
Lab Smp Id: 460-24277-F-27-B Client Smp ID: PMP-17-WT-E (8-8.5)
Inj Date : 01-APR-2011 00:07
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-27-B
Misc Info : 460-24277-F-27-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11e.b/08Qr8082.m
Meth Date : 01-Apr-2011 00:28 diazc Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qr082571.d
Als bottle: 49
Dil Factor: 100.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.01000	Weight of sample extracted (g)
M	11.00124	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.208	1.212	-0.004	13017881	2239.93	170000	80.00- 120.00	100.00(M)
1.456	1.460	-0.004	23040652	2351.92	180000	134.85- 202.28	176.99
1.603	1.606	-0.003	17580963	2347.77	180000	103.08- 154.62	135.05
1.822	1.826	-0.004	56511206	2454.51	180000	316.92- 475.39	434.10
1.943	1.947	-0.004	19557862	2388.20	180000	112.73- 169.09	150.24
2.131	2.136	-0.005	31315774	2243.85	170000	192.11- 288.17	240.56
2.331	2.335	-0.004	20737501	2338.25	180000	122.08- 183.12	159.30
2.780	2.785	-0.005	37150831	2258.25	170000	226.46- 339.68	285.38
Average of Peak Concentrations =					170000		

QC Flag Legend

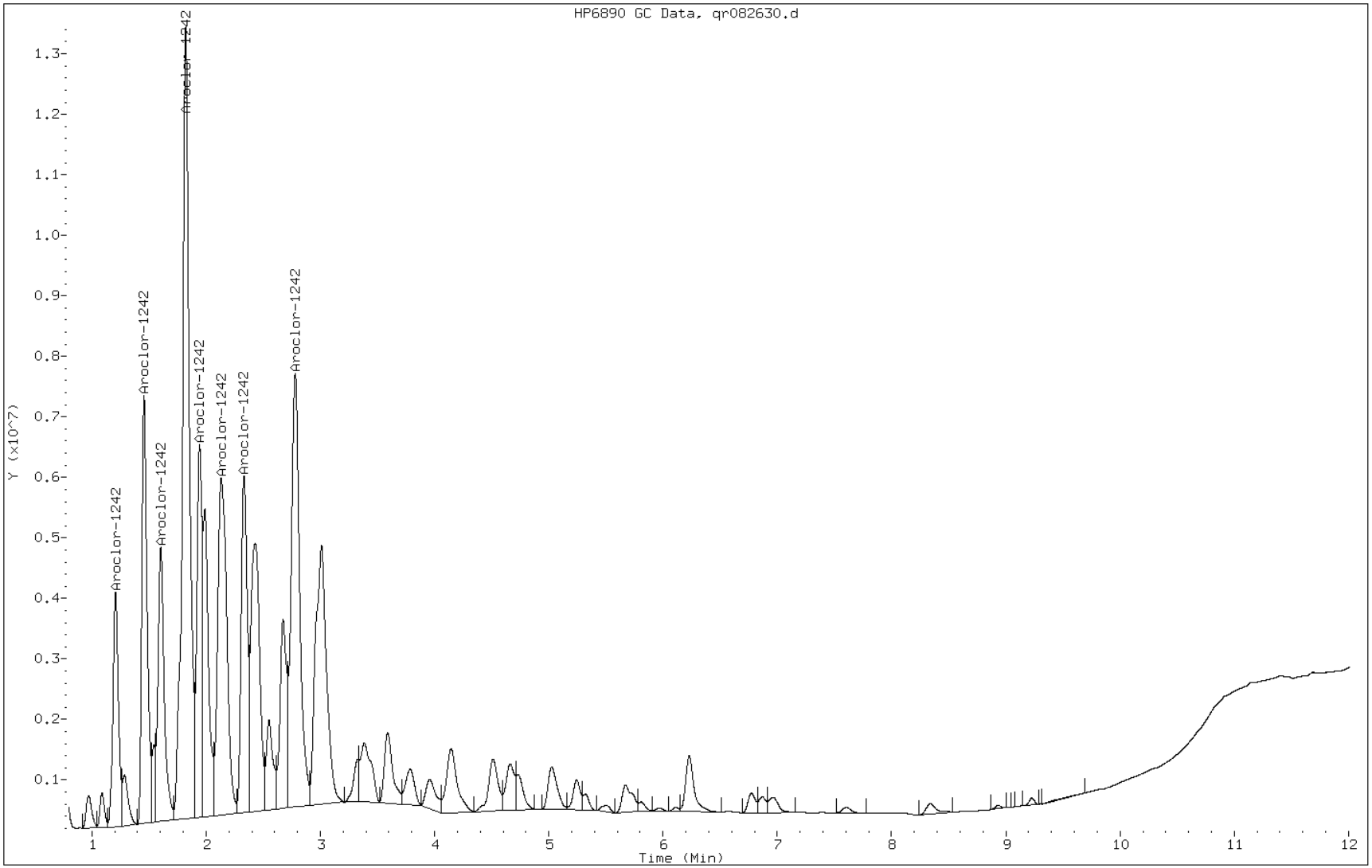
M - Compound response manually integrated.

Data File: qr082630.d

Date: 01-APR-2011 00:07

Client ID: PMP-17-WT-E (8-8.5) Instrument: PESTGC8.i

Sample Info: 460-24277-F-27-B Operator: 615



Manual Integration Report

Data File: qr082630.d
Inj. Date and Time: 01-APR-2011 00:07
Instrument ID: PESTGC8.i
Client ID: PMP-17-WT-E (8-8.5)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 1.21

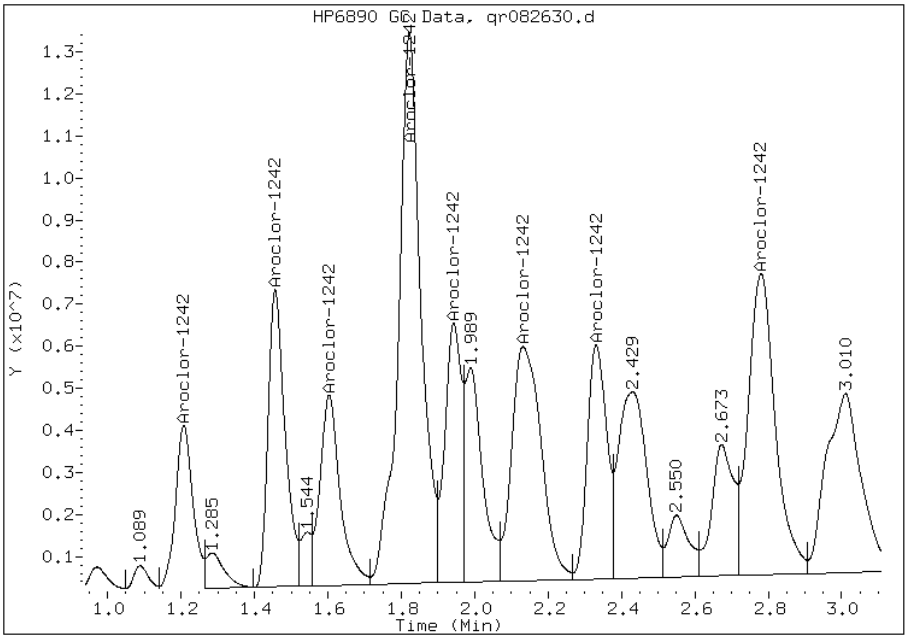
Manual Integration Results

RT: 1.21

Response: 13017881

Amount: 2327.83

Conc: 170000.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-SI-E (10.5-11.0) Lab Sample ID: 460-24277-28

Matrix: Solid Lab File ID: qf082631.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:40

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.02(g) Date Analyzed: 04/01/2011 00:23

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69159 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	18000		770	150

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: qf082631.d
Report Date: 01-Apr-2011 02:24

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11e.b/qf082631.d
Lab Smp Id: 460-24277-F-28-B Client Smp ID: PMP-17-SI-E (10.5-1
Inj Date : 01-APR-2011 00:23
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-28-B
Misc Info : 460-24277-F-28-B
Comment   :
Method   : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11e.b/08Qf8082.m
Meth Date : 31-Mar-2011 09:35 shanthi Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qf082571.d
Als bottle: 50
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	13.09942	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.566	1.566	0.000	11194582	2258.51	17000	80.00- 120.00	100.00(M)
1.937	1.936	0.001	21315508	2153.42	16000	159.76- 239.64	190.41
2.158	2.158	0.000	14334163	2609.65	20000	88.65- 132.98	128.05
2.398	2.399	-0.001	42430062	2444.72	19000	280.12- 420.18	379.02
2.543	2.543	0.000	18674788	2439.22	19000	123.57- 185.35	166.82
2.656	2.657	-0.001	0			95.89- 143.84	0.00
3.102	3.102	0.000	16077286	1831.66	14000	141.67- 212.50	143.62
3.277	3.277	0.000	0			102.83- 154.24	0.00
Average of Peak Concentrations =					18000		

Data File: qf082631.d
Report Date: 01-Apr-2011 02:24

QC Flag Legend

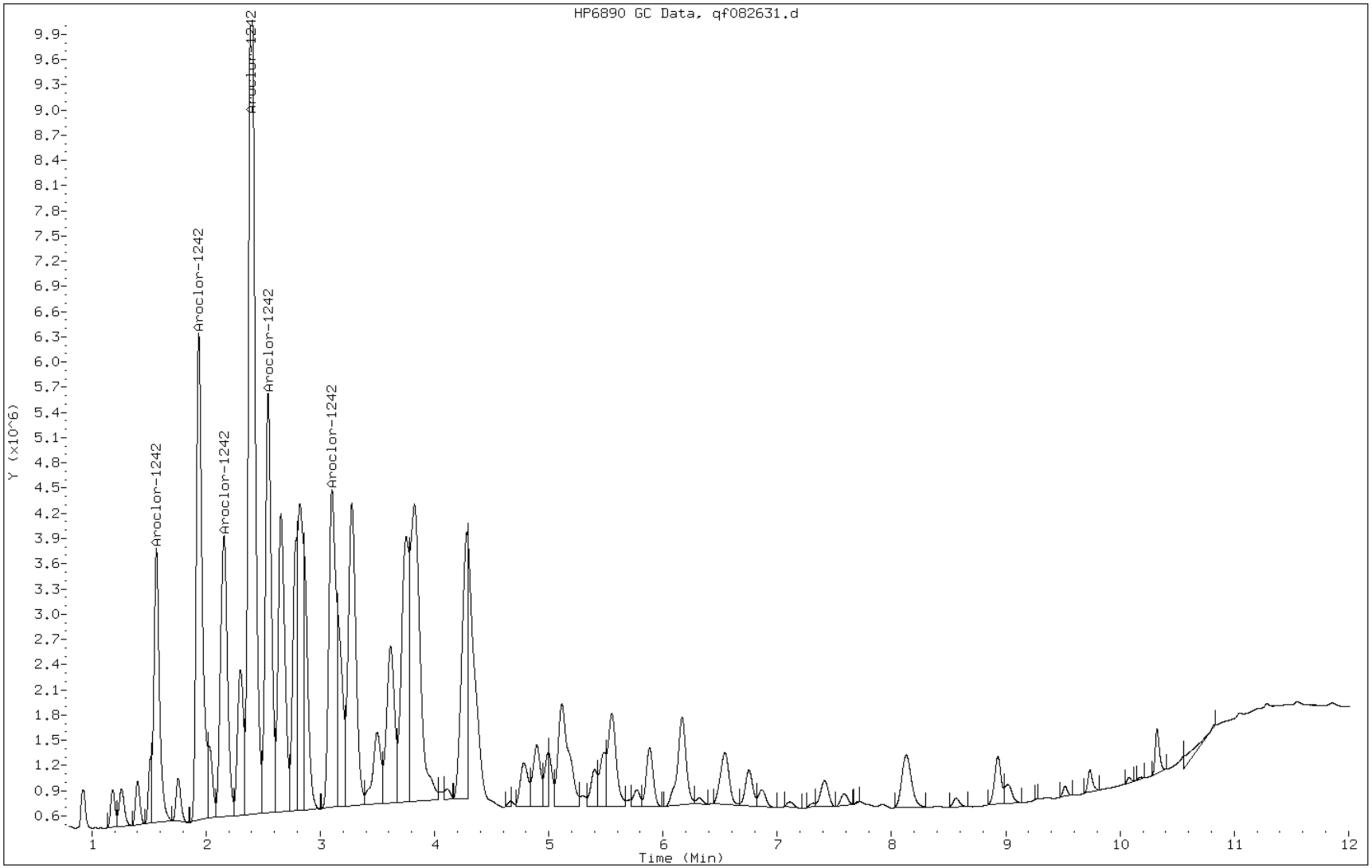
M - Compound response manually integrated.

Data File: qf082631.d

Date: 01-APR-2011 00:23

Client ID: PMP-17-SI-E (10.5-1 Instrument: PESTGC8.i

Sample Info: 460-24277-F-28-B Operator: 615



Manual Integration Report

Data File: qf082631.d
Inj. Date and Time: 01-APR-2011 00:23
Instrument ID: PESTGC8.i
Client ID: PMP-17-SI-E (10.5-1
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

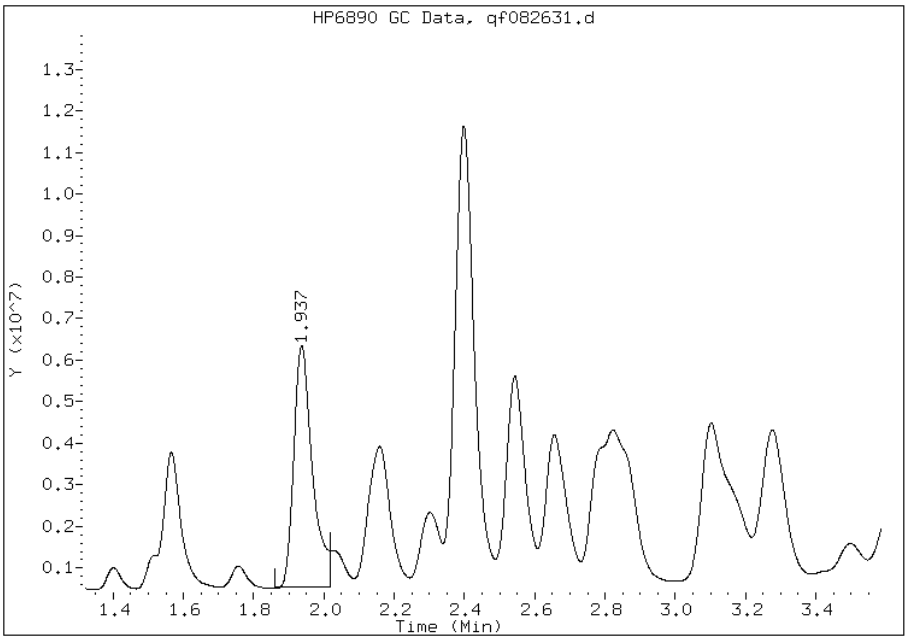
Processing Integration Results

RT: 1.94

Response: 21469420

Amount: 2421.41

Conc: 18000.00



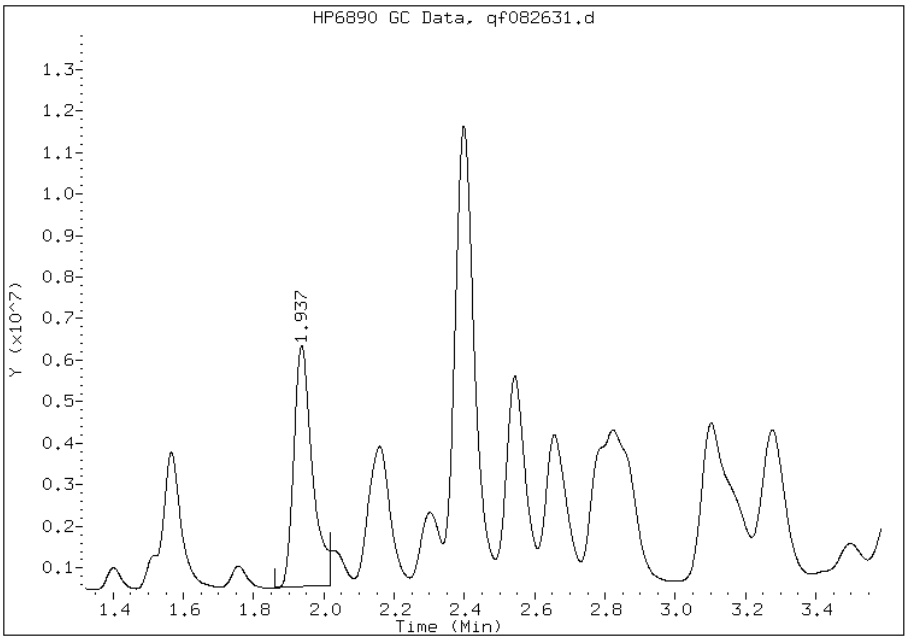
Manual Integration Results

RT: 1.94

Response: 21315508

Amount: 2289.53

Conc: 18000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-SI-E (10.5-11.0) Lab Sample ID: 460-24277-28

Matrix: Solid Lab File ID: qr082631.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:40

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.02(g) Date Analyzed: 04/01/2011 00:23

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69159 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	770	U	770	150
11104-28-2	Aroclor 1221	770	U	770	230
11141-16-5	Aroclor 1232	770	U	770	440
12672-29-6	Aroclor 1248	770	U	770	200
11097-69-1	Aroclor 1254	770	U	770	260
11096-82-5	Aroclor 1260	770	U	770	86
37324-23-5	Aroclor 1262	770	U	770	130
11100-14-4	Aroclor 1268	770	U	770	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11e.b/qr082631.d
Lab Smp Id: 460-24277-F-28-B Client Smp ID: PMP-17-SI-E (10.5-1
Inj Date : 01-APR-2011 00:23
Operator : 615 Inst ID: PESTGC8.i
Smp Info : 460-24277-F-28-B
Misc Info : 460-24277-F-28-B
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11e.b/08Qr8082.m
Meth Date : 01-Apr-2011 00:28 diazc Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qr082571.d
Als bottle: 50
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	13.09942	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
1.211	1.212	-0.001	12572168	2163.24	16000	80.00- 120.00	100.00(M)
1.459	1.460	-0.001	22190265	2265.12	17000	134.85- 202.28	176.50
1.606	1.606	0.000	17566077	2345.78	18000	103.08- 154.62	139.72
1.825	1.826	-0.001	54332912	2359.90	18000	316.92- 475.39	432.17
1.946	1.947	-0.001	19324680	2359.72	18000	112.73- 169.09	153.71
2.135	2.136	-0.001	30616023	2193.71	17000	192.11- 288.17	243.52
2.333	2.335	-0.002	20228286	2280.84	17000	122.08- 183.12	160.90
2.783	2.785	-0.002	36617547	2225.83	17000	226.46- 339.68	291.26
Average of Peak Concentrations =					17000		

QC Flag Legend

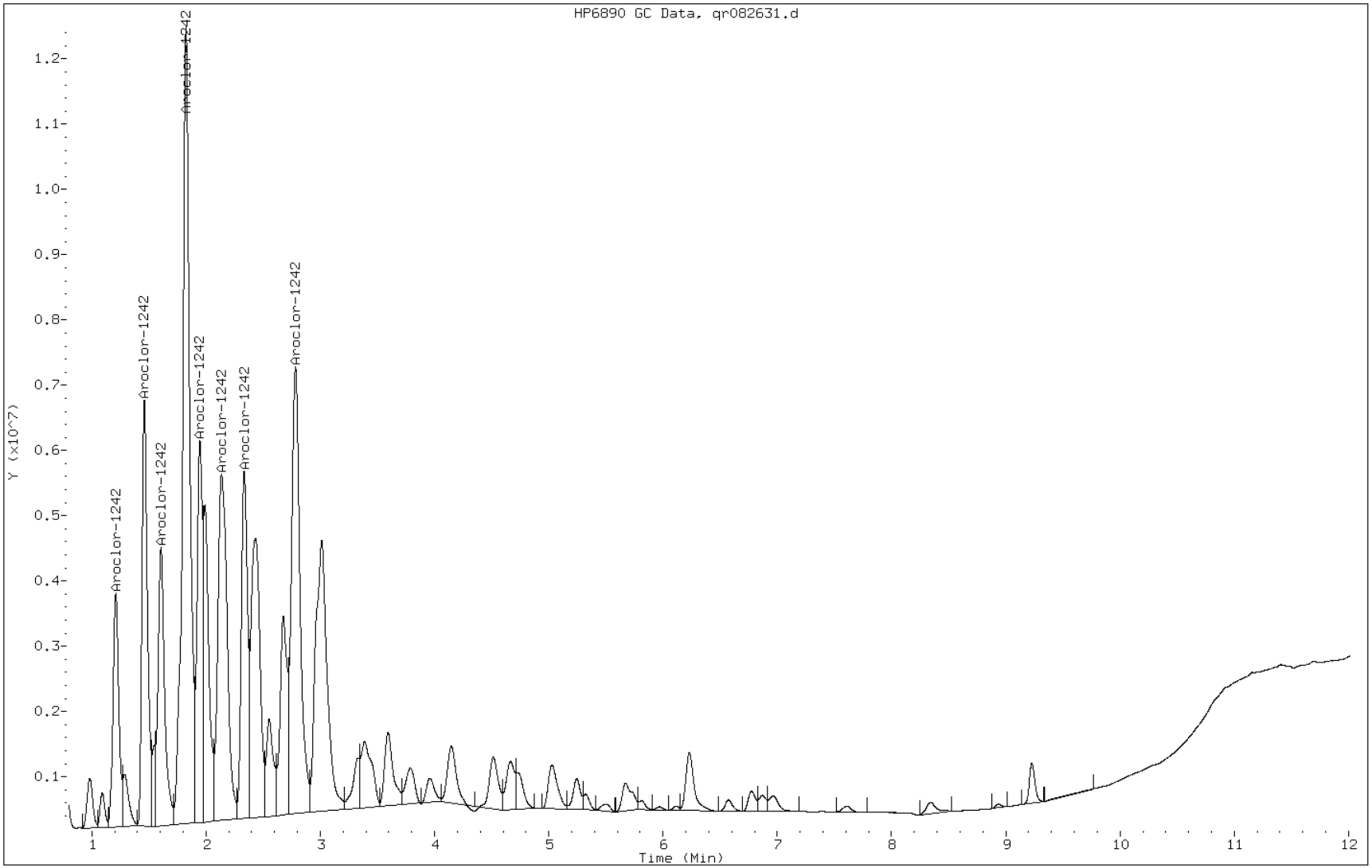
M - Compound response manually integrated.

Data File: qr082631.d

Date: 01-APR-2011 00:23

Client ID: PMP-17-SI-E (10.5-1 Instrument: PESTGC8.i

Sample Info: 460-24277-F-28-B Operator: 615



Manual Integration Report

Data File: qr082631.d
Inj. Date and Time: 01-APR-2011 00:23
Instrument ID: PESTGC8.i
Client ID: PMP-17-SI-E (10.5-1
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

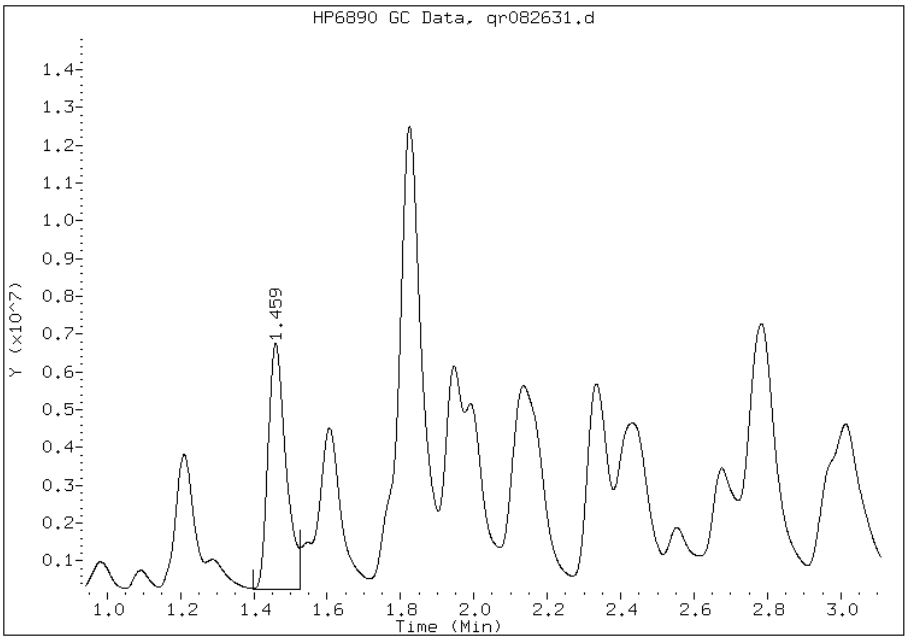
Processing Integration Results

RT: 1.46

Response: 22061783

Amount: 2278.46

Conc: 17000.00



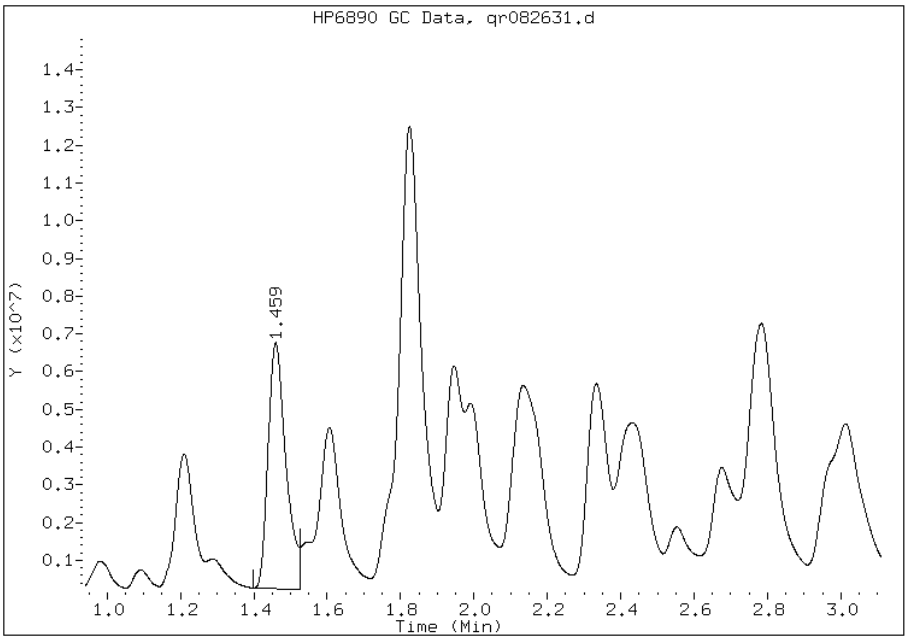
Manual Integration Results

RT: 1.46

Response: 22190265

Amount: 2274.27

Conc: 17000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-VD-E (3.5-4) Lab Sample ID: 460-24277-29

Matrix: Solid Lab File ID: of171143.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:50

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 00:06

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	2200		150	39
11096-82-5	Aroclor 1260	700		150	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/of171143.d
Lab Smp Id: 460-24277-F-29-B Client Smp ID: PMP-18-VD-E (3.5-4)
Inj Date : 02-APR-2011 00:06
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-29-B
Misc Info : 460-24277-F-29-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 99
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	9.69900	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
3.660	3.630	0.030	151270	1711.15	2500	80.00- 120.00	100.00(M)
4.210	4.178	0.032	177773	891.328	1300	180.49- 270.73	117.52
4.422	4.478	-0.056	26210	877.764	1300	27.02- 40.53	17.33
4.618	4.597	0.021	194570	1731.21	2600	101.71- 152.56	128.62
4.957	4.938	0.019	285099	1908.26	2800	135.20- 202.80	188.47
5.115	5.095	0.020	333816	1787.93	2600	168.96- 253.44	220.68
5.445	5.425	0.020	218393	1379.37	2000	143.28- 214.92	144.37
5.500	5.482	0.018	442328	1838.02	2700	217.78- 326.67	292.41
Average of Peak Concentrations =					2200		
27 Aroclor-1260					CAS #: 11096-82-5		
6.670	6.650	0.020	156731	591.727	870	80.00- 120.00	100.00(MH)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.033	7.010	0.023	143707	487.233	720	90.05- 135.07	91.69
7.733	7.708	0.025	187394	440.662	650	132.74- 199.10	119.56
7.942	7.915	0.027	95638	477.707	700	62.77- 94.16	61.02
8.067	8.040	0.027	49455	430.139	630	37.54- 56.32	31.55
8.635	8.612	0.023	101680	448.146	660	71.59- 107.39	64.88
9.603	9.592	0.011	117686	448.134	660	79.71- 119.57	75.09
10.213	10.203	0.010	41398	458.181	680	31.07- 46.60	26.41
		Average of Peak Concentrations =			700		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.705	10.698	0.007	84511	28.4872	42	80.00- 120.00	100.00

QC Flag Legend

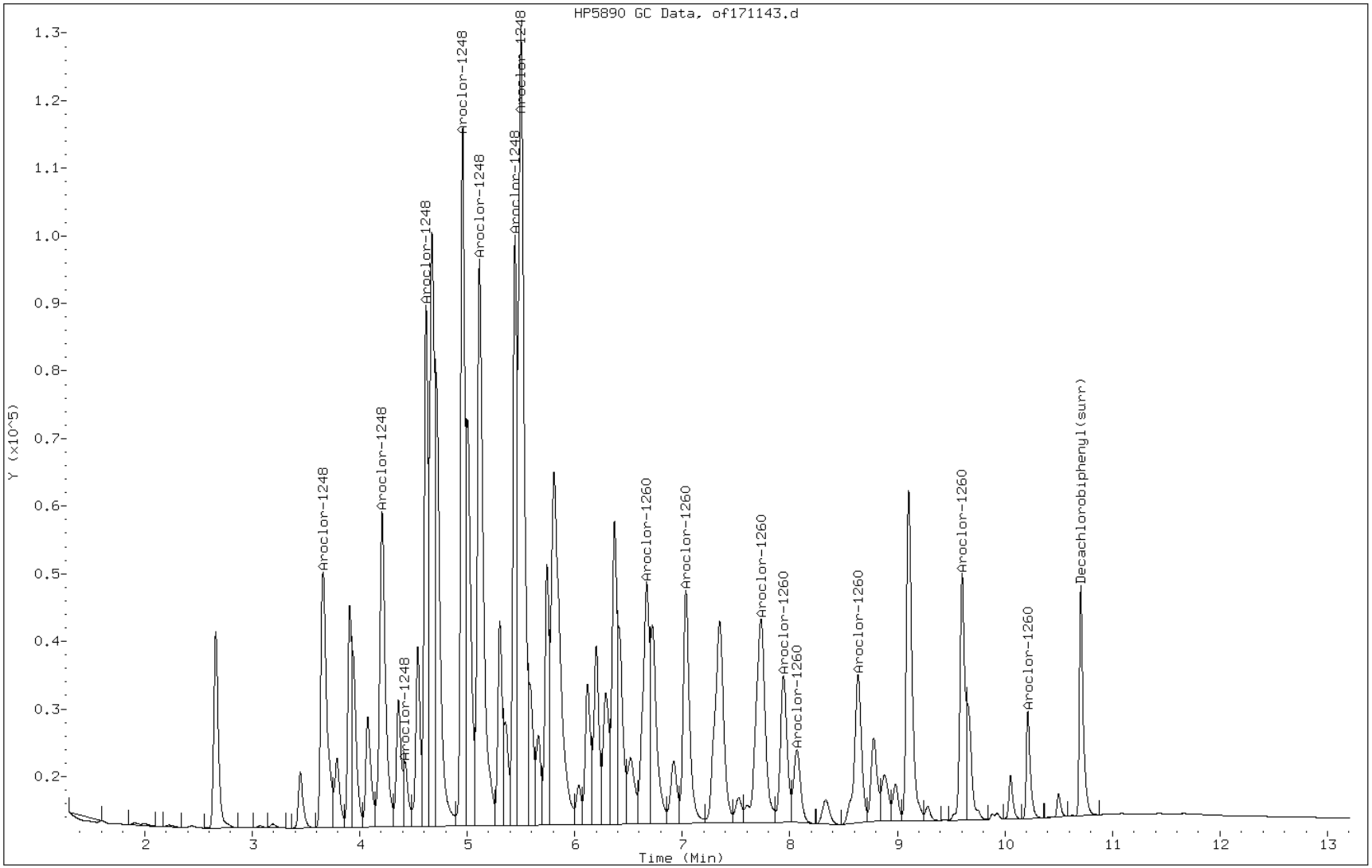
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of171143.d

Date: 02-APR-2011 00:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24277-F-29-B Operator: 615



Manual Integration Report

Data File: of171143.d
Inj. Date and Time: 02-APR-2011 00:06
Instrument ID: PESTGC7.i
Client ID: PMP-18-VD-E (3.5-4)
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/02/2011

Processing Integration Results

Not Detected

Expected RT: 3.63

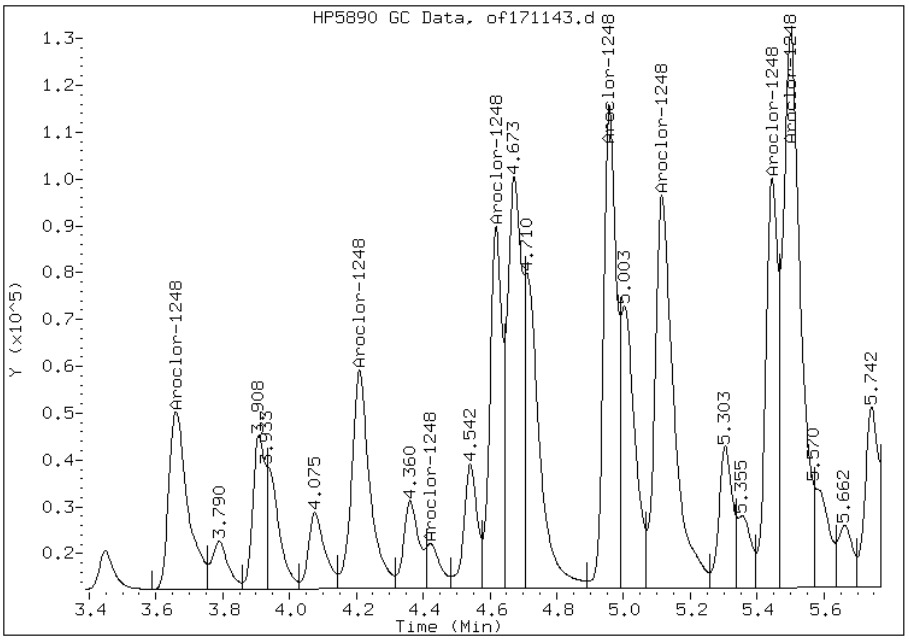
Manual Integration Results

RT: 3.66

Response: 151270

Amount: 1515.63

Conc: 2200.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171143.d
Inj. Date and Time: 02-APR-2011 00:06
Instrument ID: PESTGC7.i
Client ID: PMP-18-VD-E (3.5-4)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/02/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

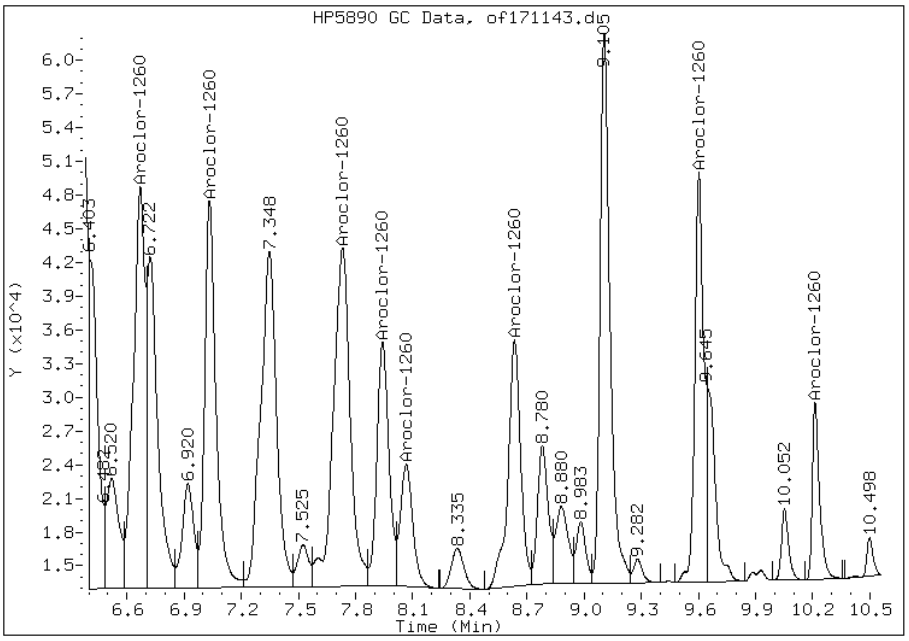
Manual Integration Results

RT: 6.67

Response: 156731

Amount: 472.74

Conc: 700.00



Manually Integrated By: catalina
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-VD-E (3.5-4) Lab Sample ID: 460-24277-29

Matrix: Solid Lab File ID: or171143.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:50

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 00:06

Con. Extract Vol.: 10(mL) Dilution Factor: 2

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	150	U	150	28
11104-28-2	Aroclor 1221	150	U	150	45
11141-16-5	Aroclor 1232	150	U	150	84
53469-21-9	Aroclor 1242	150	U	150	28
11097-69-1	Aroclor 1254	150	U	150	51
37324-23-5	Aroclor 1262	150	U	150	25
11100-14-4	Aroclor 1268	150	U	150	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		30-150

Data File: or171143.d
Report Date: 02-Apr-2011 03:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/or171143.d
Lab Smp Id: 460-24277-F-29-B Client Smp ID: PMP-18-VD-E (3.5-4)
Inj Date : 02-APR-2011 00:06
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-29-B
Misc Info : 460-24277-F-29-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 99
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	9.69900	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
25 Aroclor-1248					CAS #: 12672-29-6		
2.867	2.850	0.017	108088	1409.43	2100	80.00- 120.00	100.00(M)
3.340	3.322	0.018	127555	669.872	990	198.64- 297.96	118.01
3.502	3.530	-0.028	76275	1731.99	2600	45.94- 68.91	70.57
3.698	3.688	0.010	522472	1757.47	2600	310.12- 465.18	483.38
3.928	3.920	0.008	327779	1886.50	2800	181.25- 271.88	303.25
4.020	4.015	0.005	160204	1737.33	2600	96.19- 144.29	148.22
4.357	4.305	0.052	85285	1165.83	1700	76.31- 114.47	78.90
4.667	4.663	0.004	210756	1231.79	1800	178.49- 267.73	194.99
Average of Peak Concentrations =					2100		
27 Aroclor-1260					CAS #: 11096-82-5		
5.362	5.355	0.007	112010	524.728	770	80.00- 120.00	100.00

Data File: or171143.d
Report Date: 02-Apr-2011 03:06

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.708	5.702	0.006	165825	444.612	660	138.88- 208.33	148.04
6.060	6.053	0.007	140270	412.825	610	128.51- 192.77	125.23
6.212	6.203	0.009	72551	484.439	710	58.14- 87.21	64.77
6.562	6.555	0.007	69024	435.960	640	60.54- 90.81	61.62
7.607	7.598	0.009	69514	323.631	480	70.37- 105.55	62.06
7.780	7.770	0.010	46528	408.521	600	48.14- 72.21	41.54
8.960	8.955	0.005	43231	429.843	630	41.26- 61.89	38.60
Average of Peak Concentrations =					640		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.613	9.608	0.005	96138	25.9299	38	80.00- 120.00	100.00

QC Flag Legend

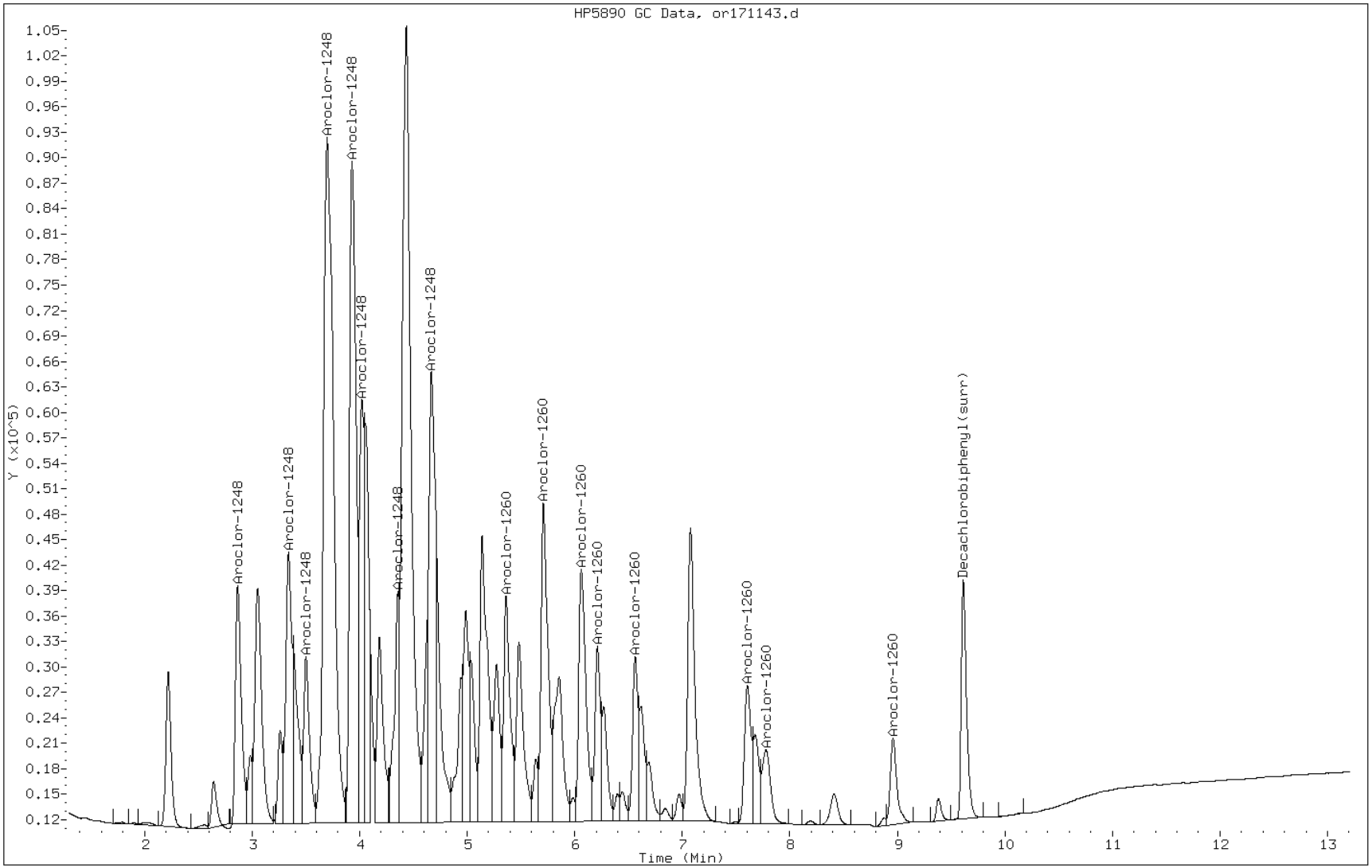
M - Compound response manually integrated.

Data File: or171143.d

Date: 02-APR-2011 00:06

Client ID: PMP-18-VD-E (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24277-F-29-B Operator: 615



Manual Integration Report

Data File: or171143.d
Inj. Date and Time: 02-APR-2011 00:06
Instrument ID: PESTGC7.i
Client ID: PMP-18-VD-E (3.5-4)
Compound: 25 Aroclor-1248
CAS #: 12672-29-6
Report Date: 04/02/2011

Processing Integration Results

Not Detected

Expected RT: 2.85

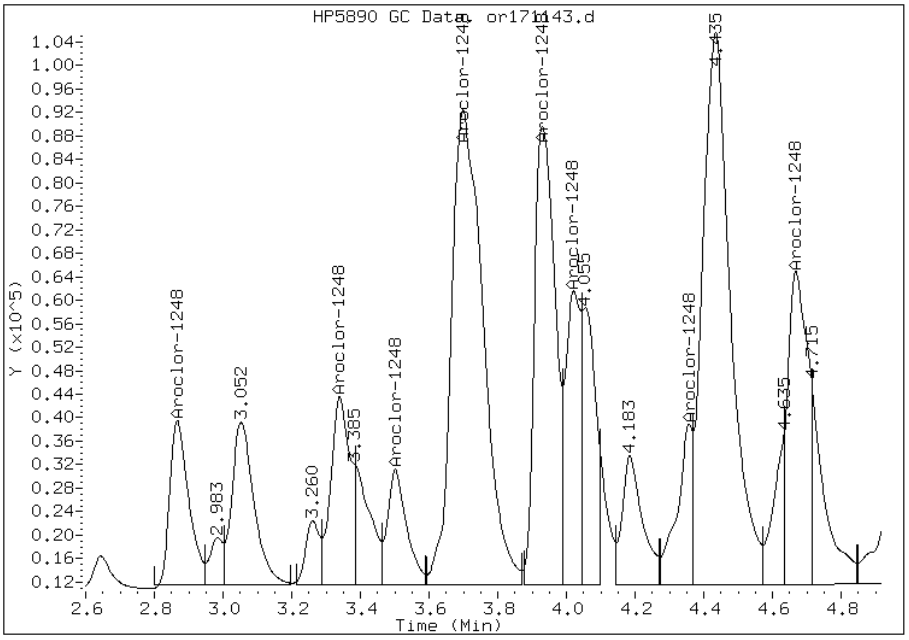
Manual Integration Results

RT: 2.87

Response: 108088

Amount: 1448.77

Conc: 2100.00



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-WT-E (8-8.5) Lab Sample ID: 460-24277-30

Matrix: Solid Lab File ID: of171144.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:55

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.02(g) Date Analyzed: 04/02/2011 00:22

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	31000		1500	280

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: of171144.d
Report Date: 02-Apr-2011 02:54

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/of171144.d
Lab Smp Id: 460-24277-F-30-B Client Smp ID: PMP-18-WT-E (8-8.5)
Inj Date : 02-APR-2011 00:22
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-30-B
Misc Info : 460-24277-F-30-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11f.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 100
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	8.37521	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.172	3.160	0.012	150765	1755.74	26000	80.00- 120.00	100.00(M)
3.643	3.633	0.010	353531	2152.96	31000	152.98- 229.47	234.49
3.928	3.922	0.006	185121	2285.40	33000	75.46- 113.20	122.79
4.188	4.180	0.008	668781	2205.78	32000	282.47- 423.70	443.59
4.357	4.350	0.007	284498	2193.61	32000	120.83- 181.24	188.70
4.603	4.598	0.005	139082	2130.25	31000	60.83- 91.24	92.25
5.100	5.097	0.003	280056	2294.75	33000	113.70- 170.55	185.76
5.428	5.425	0.003	198626	2245.13	33000	82.42- 123.63	131.75
Average of Peak Concentrations =					31000		

Data File: of171144.d
Report Date: 02-Apr-2011 02:54

QC Flag Legend

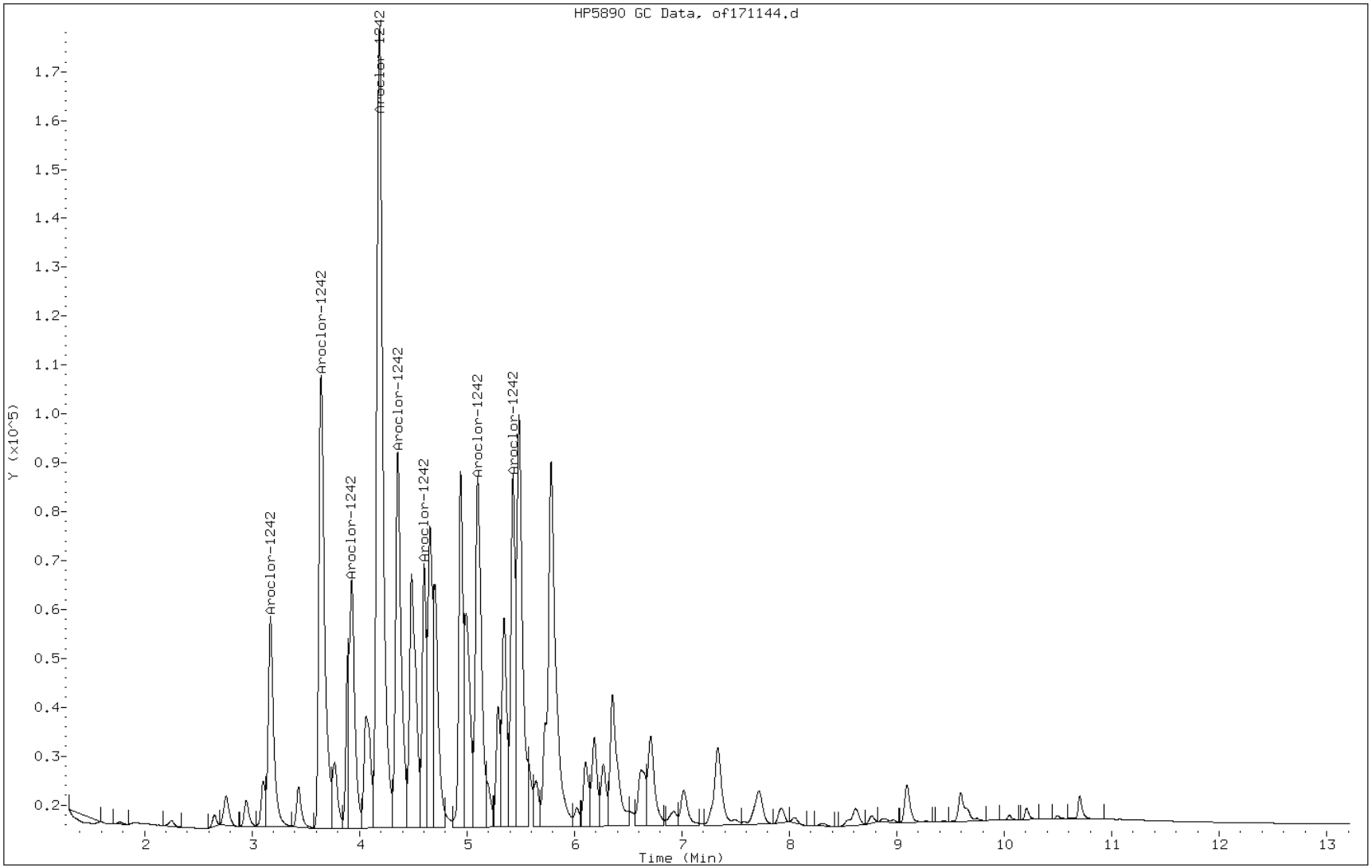
M - Compound response manually integrated.

Data File: of171144.d

Date: 02-APR-2011 00:22

Client ID: PMP-18-WT-E (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24277-F-30-B Operator: 615



Manual Integration Report

Data File: of171144.d
Inj. Date and Time: 02-APR-2011 00:22
Instrument ID: PESTGC7.i
Client ID: PMP-18-WT-E (8-8.5)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/02/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

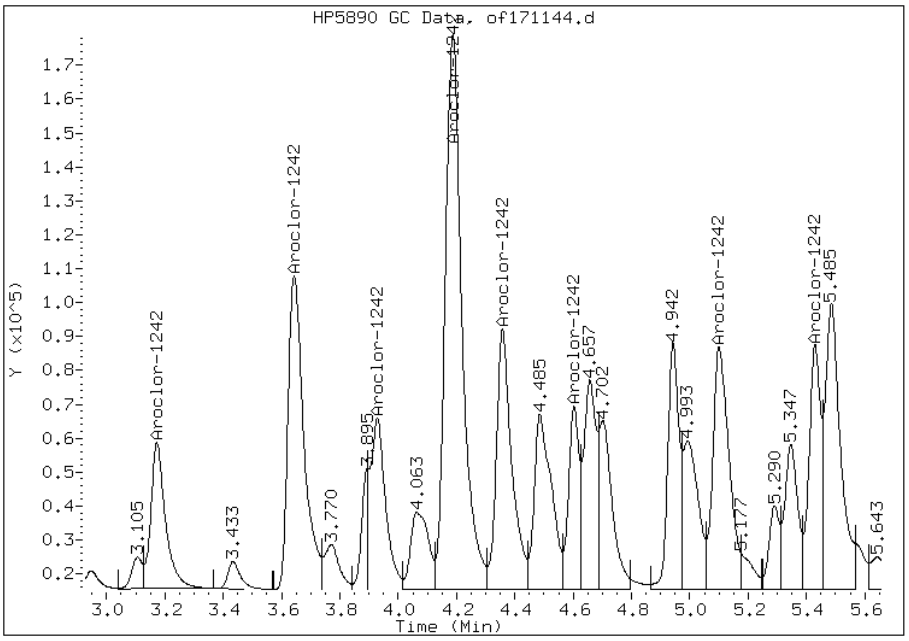
Manual Integration Results

RT: 3.17

Response: 150765

Amount: 2157.95

Conc: 31000.00



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-WT-E (8-8.5) Lab Sample ID: 460-24277-30

Matrix: Solid Lab File ID: or171144.d

Analysis Method: 8082 Date Collected: 03/18/2011 12:55

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.02(g) Date Analyzed: 04/02/2011 00:22

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1500	U	1500	280
11104-28-2	Aroclor 1221	1500	U	1500	440
11141-16-5	Aroclor 1232	1500	U	1500	830
12672-29-6	Aroclor 1248	1500	U	1500	390
11097-69-1	Aroclor 1254	1500	U	1500	500
11096-82-5	Aroclor 1260	1500	U	1500	160
37324-23-5	Aroclor 1262	1500	U	1500	250
11100-14-4	Aroclor 1268	1500	U	1500	250

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/or171144.d
Lab Smp Id: 460-24277-F-30-B Client Smp ID: PMP-18-WT-E (8-8.5)
Inj Date : 02-APR-2011 00:22
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-30-B
Misc Info : 460-24277-F-30-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11f.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 100
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	8.37521	% Moisture

Cpnd Variable Local Compound Variable

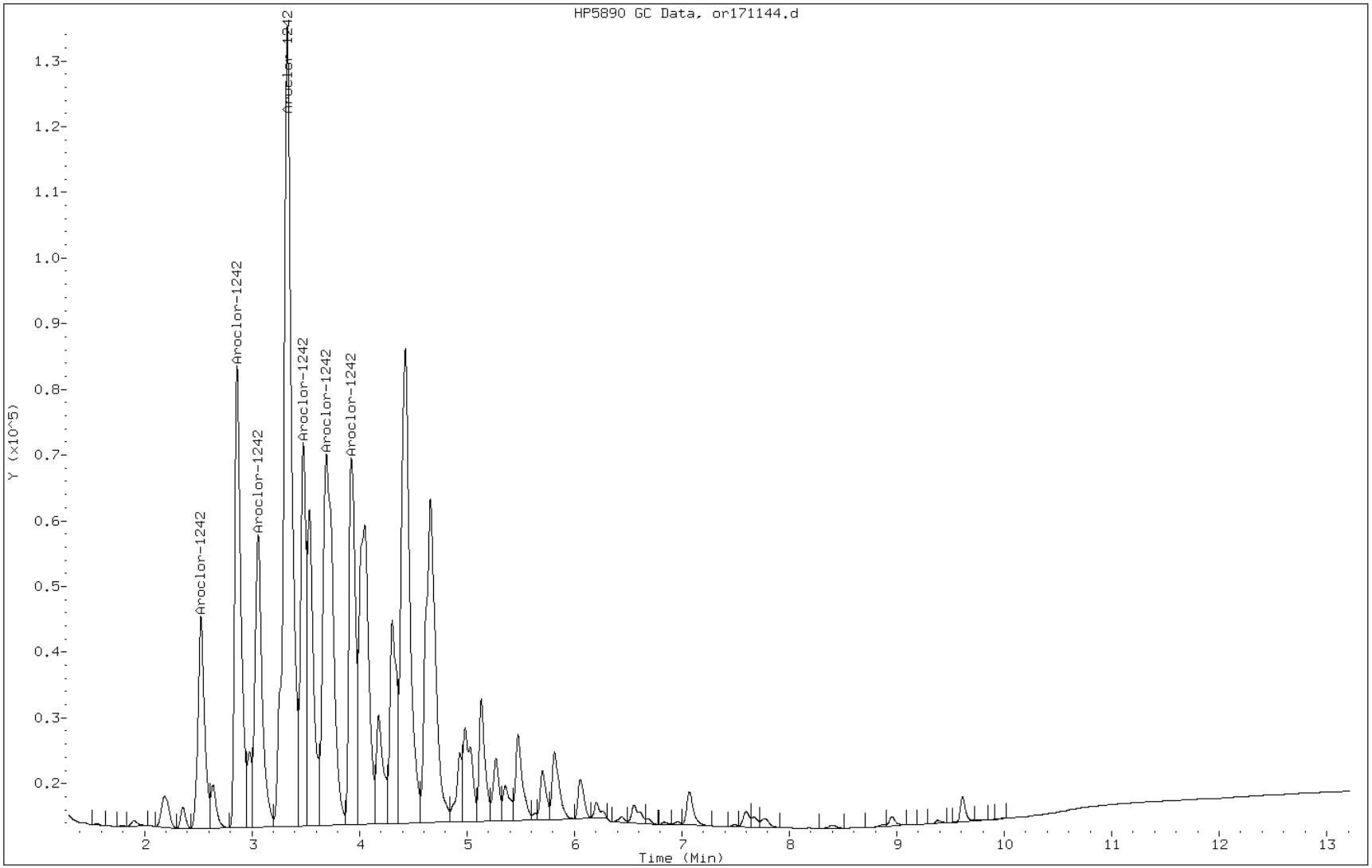
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.525	2.512	0.013	136957	1621.66	24000	80.00- 120.00	100.00
2.862	2.852	0.010	282585	2069.69	30000	129.33- 194.00	206.33
3.058	3.052	0.006	209333	2151.22	31000	92.18- 138.26	152.85
3.330	3.323	0.007	633814	2263.56	33000	265.24- 397.85	462.78
3.477	3.470	0.007	206592	2044.29	30000	95.73- 143.59	150.84
3.693	3.692	0.001	376762	1972.35	29000	180.95- 271.42	275.10
3.925	3.922	0.003	231065	2031.02	30000	107.77- 161.65	168.71
4.662	4.667	-0.005	0			99.75- 149.63	0.00
		Average of Peak Concentrations =			29000		

Data File: or171144.d

Date: 02-APR-2011 00:22

Client ID: PMP-18-WT-E (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24277-F-30-B Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) Lab Sample ID: 460-24277-31

Matrix: Solid Lab File ID: of171161.d

Analysis Method: 8082 Date Collected: 03/18/2011 13:00

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.05(g) Date Analyzed: 04/02/2011 05:03

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69331 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

Data File: of171161.d
Report Date: 02-Apr-2011 23:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11g.b/of171161.d
Lab Smp Id: 460-24277-F-31-B Client Smp ID: PMP-18-SI-E (10.5-1
Inj Date : 02-APR-2011 05:03
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-31-B
Misc Info : 460-24277-F-31-B
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11g.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 17
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	14.64497	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.168	3.160	0.008	124496	1449.82	22000	80.00- 120.00	100.00(M)
3.638	3.633	0.005	261463	1592.28	25000	152.98- 229.47	210.02
3.923	3.922	0.001	127403	1572.85	24000	75.46- 113.20	102.34
4.183	4.180	0.003	494076	1629.57	25000	282.47- 423.70	396.86
4.352	4.350	0.002	214853	1656.62	26000	120.83- 181.24	172.58
4.598	4.598	0.000	103770	1589.40	25000	60.83- 91.24	83.35
5.095	5.097	-0.002	202810	1661.80	26000	113.70- 170.55	162.90
5.425	5.425	0.000	145641	1646.23	26000	82.42- 123.63	116.99
Average of Peak Concentrations =					25000		

Data File: of171161.d
Report Date: 02-Apr-2011 23:17

QC Flag Legend

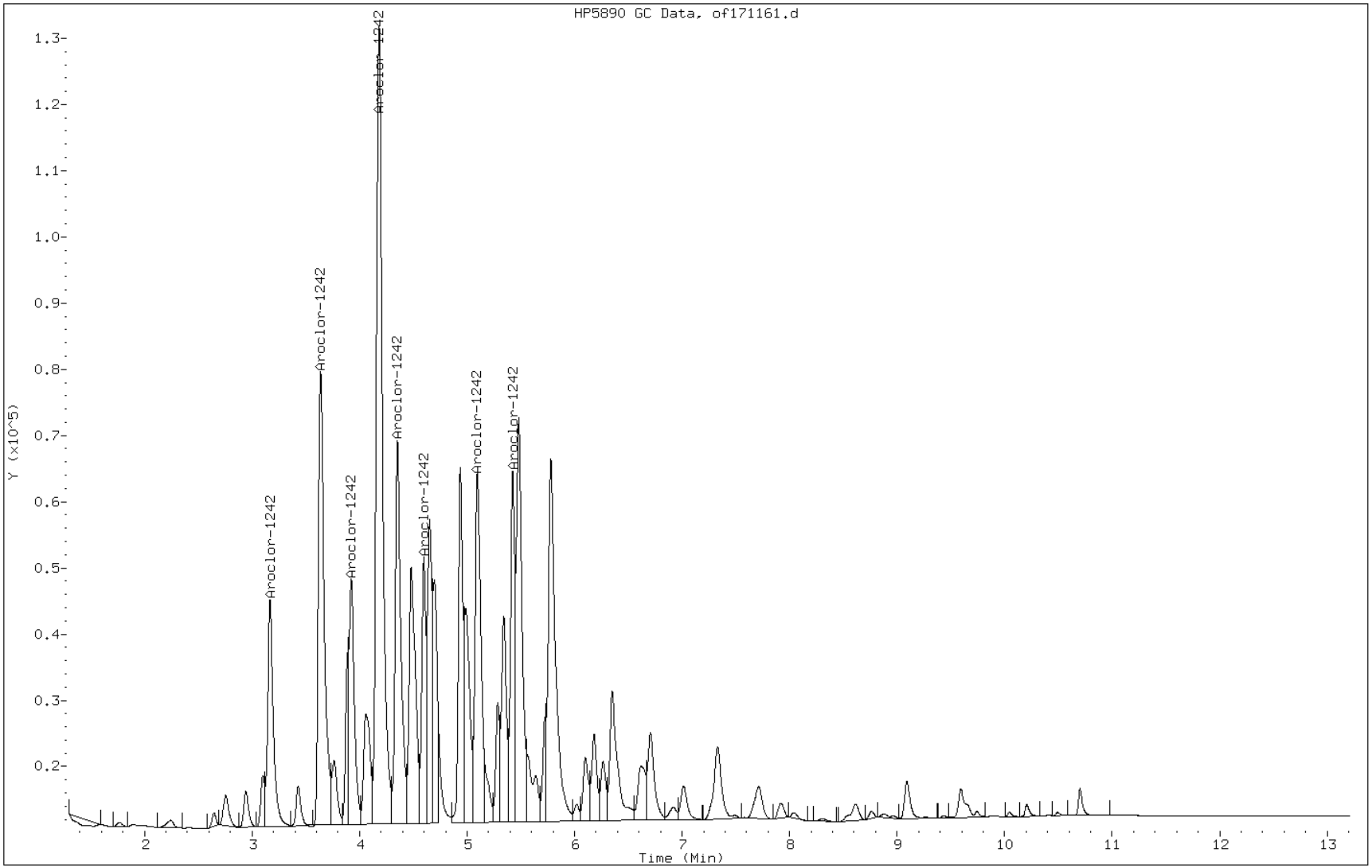
M - Compound response manually integrated.

Data File: of171161.d

Date: 02-APR-2011 05:03

Client ID: PMP-18-SI-E (10.5-1 Instrument: PESTGC7.i

Sample Info: 460-24277-F-31-B Operator: 615



Manual Integration Report

Data File: of171161.d
Inj. Date and Time: 02-APR-2011 05:03
Instrument ID: PESTGC7.i
Client ID: PMP-18-SI-E (10.5-1
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/02/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

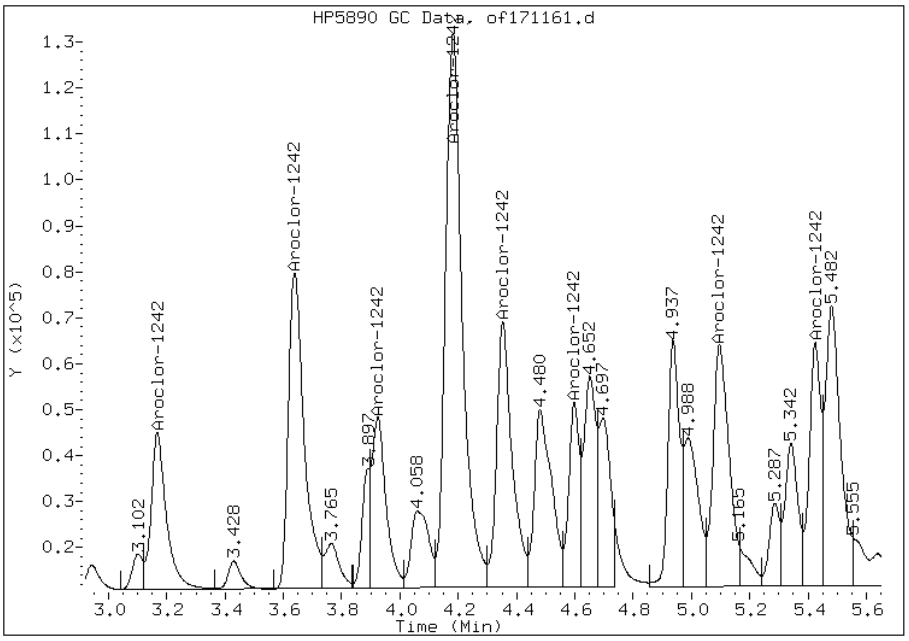
Manual Integration Results

RT: 3.17

Response: 124496

Amount: 1599.82

Conc: 25000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) Lab Sample ID: 460-24277-31

Matrix: Solid Lab File ID: or171161.d

Analysis Method: 8082 Date Collected: 03/18/2011 13:00

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.05(g) Date Analyzed: 04/02/2011 05:03

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69331 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1600	U	1600	300
11104-28-2	Aroclor 1221	1600	U	1600	470
11141-16-5	Aroclor 1232	1600	U	1600	890
53469-21-9	Aroclor 1242	25000		1600	300
12672-29-6	Aroclor 1248	1600	U	1600	420
11097-69-1	Aroclor 1254	1600	U	1600	530
11096-82-5	Aroclor 1260	1600	U	1600	170
37324-23-5	Aroclor 1262	1600	U	1600	270
11100-14-4	Aroclor 1268	1600	U	1600	270

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11g.b/or171161.d
Lab Smp Id: 460-24277-F-31-B Client Smp ID: PMP-18-SI-E (10.5-1
Inj Date : 02-APR-2011 05:03
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24277-F-31-B
Misc Info : 460-24277-F-31-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11i.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 17
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	14.64497	% Moisture

Cpnd Variable Local Compound Variable

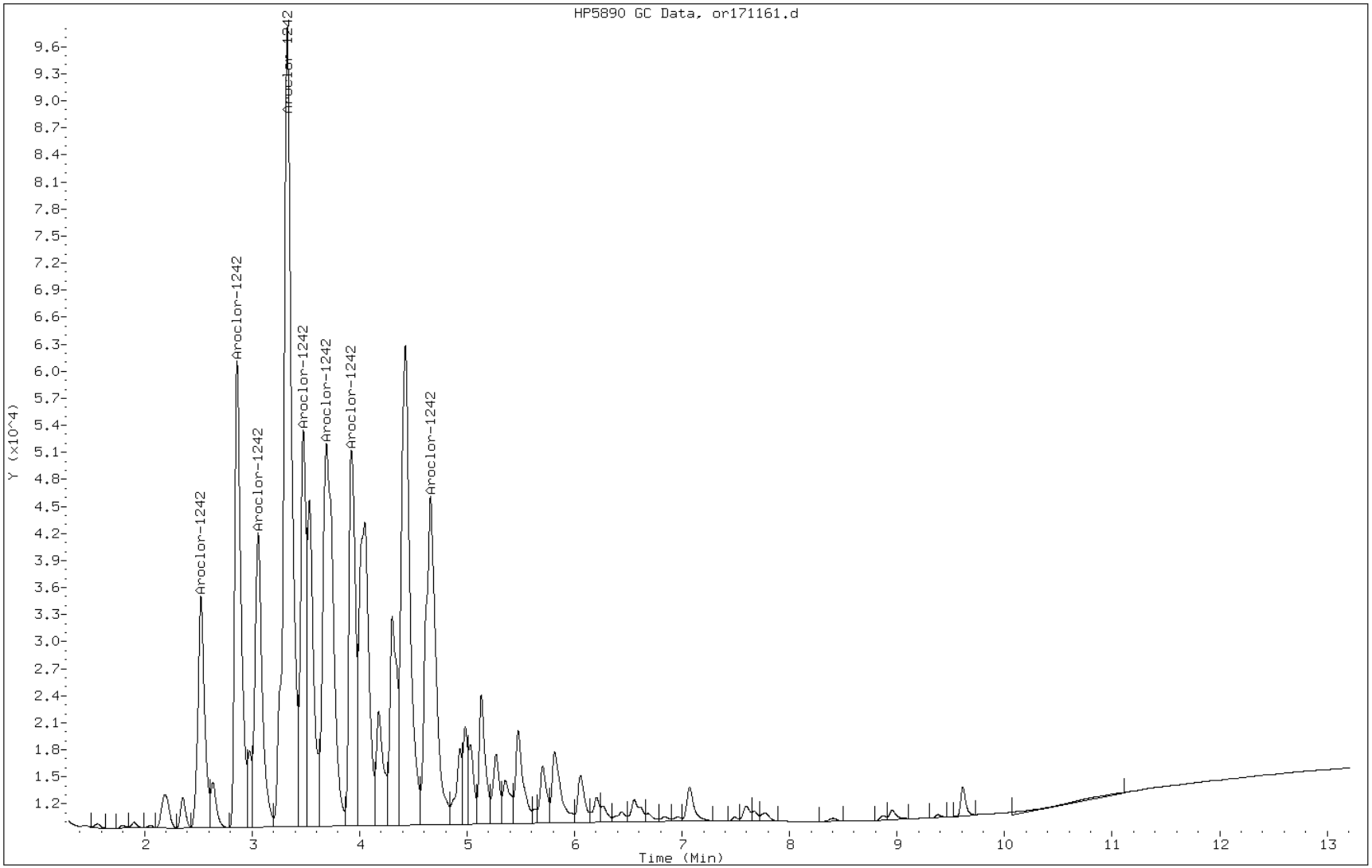
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.525	2.512	0.013	111482	1320.02	20000	80.00- 120.00	100.00
2.862	2.852	0.010	210631	1542.69	24000	129.33- 194.00	188.94
3.058	3.052	0.006	155001	1592.87	25000	92.18- 138.26	139.04
3.328	3.323	0.005	468225	1672.19	26000	265.24- 397.85	420.00
3.477	3.470	0.007	154440	1528.23	24000	95.73- 143.59	138.53
3.692	3.692	0.000	288090	1508.15	23000	180.95- 271.42	258.42
3.923	3.922	0.001	173323	1523.48	24000	107.77- 161.65	155.47
4.660	4.667	-0.007	243359	2310.93	36000	99.75- 149.63	218.29
Average of Peak Concentrations =					25000		

Data File: or171161.d

Date: 02-APR-2011 05:03

Client ID: PMP-18-SI-E (10.5-1 Instrument: PESTGC7.i

Sample Info: 460-24277-F-31-B Operator: 615



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	of170283.d
Level 2	IC 460-66778/6	of170284.d
Level 3	IC 460-66778/7	of170285.d
Level 4	IC 460-66778/8	of170286.d
Level 5	IC 460-66778/9	of170287.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	3.163	3.157	3.160	3.158	3.160						3.090 - 3.230	3.160
PCB-1016 Peak 2	3.638	3.630	3.633	3.633	3.635						3.563 - 3.703	3.634
PCB-1016 Peak 3	3.925	3.918	3.922	3.922	3.922						3.852 - 3.992	3.922
PCB-1016 Peak 4	4.183	4.177	4.180	4.180	4.182						4.110 - 4.250	4.180
PCB-1016 Peak 5	4.353	4.348	4.350	4.350	4.352						4.280 - 4.420	4.351
PCB-1016 Peak 6	4.657	4.650	4.653	4.652	4.653						4.583 - 4.723	4.653
PCB-1016 Peak 7	4.942	4.937	4.938	4.938	4.938						4.868 - 5.008	4.939
PCB-1016 Peak 8	5.100	5.095	5.097	5.097	5.098						5.027 - 5.167	5.097
PCB-1260 Peak 1	6.660	6.655	6.657	6.657	6.657						6.587 - 6.727	6.657
PCB-1260 Peak 2	7.020	7.015	7.017	7.017	7.017						6.947 - 7.087	7.017
PCB-1260 Peak 3	7.718	7.713	7.717	7.717	7.718						7.647 - 7.787	7.717
PCB-1260 Peak 4	7.930	7.923	7.927	7.927	7.927						7.857 - 7.997	7.927
PCB-1260 Peak 5	8.053	8.048	8.050	8.050	8.052						7.980 - 8.120	8.051
PCB-1260 Peak 6	8.625	8.620	8.622	8.622	8.623						8.552 - 8.692	8.622
PCB-1260 Peak 7	9.598	9.595	9.597	9.597	9.597						9.527 - 9.667	9.597
PCB-1260 Peak 8	10.210	10.208	10.208	10.208	10.208						10.138 - 10.278	10.209
DCB Decachlorobiphenyl	10.703	10.702	10.702	10.702	10.702						10.602 - 10.802	10.702

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	of170283.d
Level 2	IC 460-66778/6	of170284.d
Level 3	IC 460-66778/7	of170285.d
Level 4	IC 460-66778/8	of170286.d
Level 5	IC 460-66778/9	of170287.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	118.29 81.389	103.73	90.975	88.720	Ave		96.6215600				15.1		20.0			
PCB-1016 Peak 2	244.39 164.47	227.15	191.25	180.41	Ave		201.534253				16.5		20.0			
PCB-1016 Peak 3	99.800 84.918	103.26	90.057	91.436	Ave		93.8942800				8.0		20.0			
PCB-1016 Peak 4	405.19 314.94	407.70	350.83	341.16	Ave		363.962720				11.3		20.0			
PCB-1016 Peak 5	176.41 135.83	176.52	151.84	148.21	Ave		157.760333				11.5		20.0			
PCB-1016 Peak 6	132.03 83.688	114.39	103.45	84.566	Ave		103.625200				19.8		20.0			
PCB-1016 Peak 7	127.48 93.860	119.84	95.170	99.213	Ave		107.112053				14.4		20.0			
PCB-1016 Peak 8	130.45 114.02	136.30	122.20	122.47	Ave		125.088120				6.8		20.0			
PCB-1260 Peak 1	341.13 217.22	285.80	241.74	238.47	Ave		264.870627				18.6		20.0			
PCB-1260 Peak 2	376.98 242.58	318.86	270.14	266.18	Ave		294.945440				18.2		20.0			
PCB-1260 Peak 3	508.50 369.08	451.49	399.85	397.37	Ave		425.256827				13.0		20.0			
PCB-1260 Peak 4	252.10 167.34	214.66	185.30	181.61	Ave		200.202840				16.8		20.0			
PCB-1260 Peak 5	132.16 102.28	122.46	107.84	110.14	Ave		114.975973				10.5		20.0			
PCB-1260 Peak 6	267.30 197.94	245.26	213.55	210.40	Ave		226.890760				12.6		20.0			
PCB-1260 Peak 7	333.32 219.75	270.50	240.31	249.19	Ave		262.613640				16.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10061

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	105.35 80.077	96.112	85.095	85.139	Ave		90.3547067				11.3		20.0			
DCB Decachlorobiphenyl	3876.2 2507.3	3229.0	2688.5	2532.3	Ave		2966.64467				19.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	of170283.d
Level 2	IC 460-66778/6	of170284.d
Level 3	IC 460-66778/7	of170285.d
Level 4	IC 460-66778/8	of170286.d
Level 5	IC 460-66778/9	of170287.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	11829	51867	90975	133080	203472	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	24439	113574	191247	270619	411184	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	9980	51630	90057	137154	212296	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	40519	203850	350828	511737	787344	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	17641	88259	151835	222319	339565	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	13203	57194	103454	126849	209220	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	12748	59919	95170	148819	234649	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	13045	68149	122203	183711	285039	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	34113	142900	241735	357698	543057	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	37698	159429	270136	399264	606443	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	50850	225745	399850	596051	922692	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	25210	107331	185299	272415	418358	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	13216	61229	107838	165217	255698	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	26730	122628	213551	315606	494857	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	33332	135248	240313	373785	549373	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	10535	48056	85095	127709	200193	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	96904	161452	268849	379841	501452	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	or170283.d
Level 2	IC 460-66778/6	or170284.d
Level 3	IC 460-66778/7	or170285.d
Level 4	IC 460-66778/8	or170286.d
Level 5	IC 460-66778/9	or170287.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.515	2.512	2.515	2.512	2.512						2.445 - 2.585	2.513
PCB-1016 Peak 2	2.855	2.852	2.855	2.852	2.852						2.785 - 2.925	2.853
PCB-1016 Peak 3	3.053	3.052	3.053	3.052	3.052						2.983 - 3.123	3.052
PCB-1016 Peak 4	3.325	3.323	3.325	3.323	3.323						3.255 - 3.395	3.324
PCB-1016 Peak 5	3.473	3.472	3.472	3.470	3.470						3.402 - 3.542	3.471
PCB-1016 Peak 6	3.535	3.533	3.533	3.532	3.532						3.463 - 3.603	3.533
PCB-1016 Peak 7	3.925	3.922	3.923	3.922	3.922						3.853 - 3.993	3.923
PCB-1016 Peak 8	4.057	4.053	4.053	4.052	4.052						3.983 - 4.123	4.053
PCB-1260 Peak 1	5.367	5.365	5.365	5.363	5.365						5.295 - 5.435	5.365
PCB-1260 Peak 2	5.715	5.712	5.713	5.712	5.712						5.643 - 5.783	5.713
PCB-1260 Peak 3	6.067	6.065	6.065	6.063	6.065						5.995 - 6.135	6.065
PCB-1260 Peak 4	6.220	6.218	6.218	6.217	6.218						6.148 - 6.288	6.218
PCB-1260 Peak 5	6.573	6.572	6.572	6.570	6.572						6.502 - 6.642	6.572
PCB-1260 Peak 6	7.622	7.620	7.622	7.620	7.622						7.552 - 7.692	7.621
PCB-1260 Peak 7	7.797	7.795	7.797	7.795	7.795						7.727 - 7.867	7.796
PCB-1260 Peak 8	8.975	8.975	8.975	8.975	8.975						8.905 - 9.045	8.975
DCB Decachlorobiphenyl	9.625	9.625	9.625	9.623	9.625						9.525 - 9.725	9.625

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	or170283.d
Level 2	IC 460-66778/6	or170284.d
Level 3	IC 460-66778/7	or170285.d
Level 4	IC 460-66778/8	or170286.d
Level 5	IC 460-66778/9	or170287.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	118.29 82.044	106.61	90.434	89.719	Ave		97.4190133				15.1		20.0			
PCB-1016 Peak 2	190.58 140.31	191.93	159.63	154.15	Ave		167.321333				13.7		20.0			
PCB-1016 Peak 3	107.26 106.72	133.54	113.33	113.73	Ave		114.915480				9.5		20.0			
PCB-1016 Peak 4	337.95 298.39	376.36	325.32	319.88	Ave		331.579493				8.7		20.0			
PCB-1016 Peak 5	128.48 103.78	136.85	117.31	115.09	Ave		120.304693				10.6		20.0			
PCB-1016 Peak 6	80.110 95.440	107.70	96.000	97.577	Ave		95.3655467				10.4		20.0			
PCB-1016 Peak 7	131.38 113.63	144.87	125.33	122.57	Ave		127.553240				9.1		20.0			
PCB-1016 Peak 8	65.110 72.906	86.316	74.933	76.115	Ave		75.0759333				10.1		20.0			
PCB-1260 Peak 1	266.21 178.04	233.13	197.19	192.75	Ave		213.462947				16.8		20.0			
PCB-1260 Peak 2	472.48 308.81	406.27	343.00	334.26	Ave		372.965640				17.7		20.0			
PCB-1260 Peak 3	396.15 296.99	369.84	320.19	315.73	Ave		339.780720				12.2		20.0			
PCB-1260 Peak 4	189.73 125.92	161.82	136.93	134.41	Ave		149.762853				17.4		20.0			
PCB-1260 Peak 5	192.04 134.85	171.58	146.12	147.05	Ave		158.326307				14.6		20.0			
PCB-1260 Peak 6	209.54 183.43	215.54	194.82	270.65	Ave		214.794213				15.7		20.0			
PCB-1260 Peak 7	113.34 108.68	122.80	111.37	113.28	Ave		113.893813				4.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10069

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	110.66 93.142	105.47	95.830	97.763	Ave		100.573867				7.2		20.0			
DCB Decachlorobiphenyl	4822.5 3152.8	4018.8	3400.9	3143.1	Ave		3707.60500				19.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	or170283.d
Level 2	IC 460-66778/6	or170284.d
Level 3	IC 460-66778/7	or170285.d
Level 4	IC 460-66778/8	or170286.d
Level 5	IC 460-66778/9	or170287.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	11829	53304	90434	134578	205111	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	19058	95966	159628	231229	350785	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	10726	66769	113333	170589	266801	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	33795	188181	325320	479815	745972	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	12848	68426	117312	172642	259462	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	8011	53850	96000	146366	238601	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	13138	72435	125325	183849	284063	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	6511	43158	74933	114172	182265	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	26621	116564	197193	289118	445096	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	47248	203136	343003	501396	772023	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	39615	184919	320188	473601	742484	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	18973	80910	136928	201619	314809	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	19204	85789	146115	220571	337128	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	20954	107769	194816	405973	458571	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	11334	61401	111368	169924	271691	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	11066	52737	95830	146645	232855	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	120563	200938	340091	471459	630555	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	of170288.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.172										2.102 - 2.242	2.172
PCB-1221 Peak 2	2.528										2.458 - 2.598	2.528
PCB-1221 Peak 3	2.937										2.867 - 3.007	2.937
PCB-1221 Peak 4	3.093										3.023 - 3.163	3.093
PCB-1221 Peak 5	3.163										3.093 - 3.233	3.163
PCB-1221 Peak 6	3.703										3.633 - 3.773	3.703
PCB-1221 Peak 7	3.928										3.858 - 3.998	3.928
PCB-1221 Peak 8	4.185										4.115 - 4.255	4.185

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	of170288.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	48.407				Ave		48.4070000						20.0			
PCB-1221 Peak 2	15.439				Ave		15.4390000						20.0			
PCB-1221 Peak 3	52.987				Ave		52.9870000						20.0			
PCB-1221 Peak 4	35.529				Ave		35.5290000						20.0			
PCB-1221 Peak 5	135.40				Ave		135.404000						20.0			
PCB-1221 Peak 6	30.790				Ave		30.7900000						20.0			
PCB-1221 Peak 7	10.996				Ave		10.9960000						20.0			
PCB-1221 Peak 8	26.185				Ave		26.1850000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	of170288.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	48407					1000				
PCB-1221 Peak 2	Ave	15439					1000				
PCB-1221 Peak 3	Ave	52987					1000				
PCB-1221 Peak 4	Ave	35529					1000				
PCB-1221 Peak 5	Ave	135404					1000				
PCB-1221 Peak 6	Ave	30790					1000				
PCB-1221 Peak 7	Ave	10996					1000				
PCB-1221 Peak 8	Ave	26185					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	or170288.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.790										1.720 - 1.860	1.790
PCB-1221 Peak 2	2.090										2.020 - 2.160	2.090
PCB-1221 Peak 3	2.345										2.275 - 2.415	2.345
PCB-1221 Peak 4	2.515										2.445 - 2.585	2.515
PCB-1221 Peak 5	2.918										2.848 - 2.988	2.918
PCB-1221 Peak 6	2.983										2.913 - 3.053	2.983
PCB-1221 Peak 7	3.032										2.962 - 3.102	3.032
PCB-1221 Peak 8	3.327										3.257 - 3.397	3.327

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	or170288.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	49.793				Ave		49.7930000						20.0			
PCB-1221 Peak 2	14.582				Ave		14.5820000						20.0			
PCB-1221 Peak 3	49.453				Ave		49.4530000						20.0			
PCB-1221 Peak 4	148.88				Ave		148.882000						20.0			
PCB-1221 Peak 5	11.300				Ave		11.3000000						20.0			
PCB-1221 Peak 6	22.832				Ave		22.8320000						20.0			
PCB-1221 Peak 7	10.792				Ave		10.7920000						20.0			
PCB-1221 Peak 8	20.445				Ave		20.4450000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	or170288.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	49793					1000				
PCB-1221 Peak 2	Ave	14582					1000				
PCB-1221 Peak 3	Ave	49453					1000				
PCB-1221 Peak 4	Ave	148882					1000				
PCB-1221 Peak 5	Ave	11300					1000				
PCB-1221 Peak 6	Ave	22832					1000				
PCB-1221 Peak 7	Ave	10792					1000				
PCB-1221 Peak 8	Ave	20445					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	of170289.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	3.157										3.087 - 3.227	3.157
PCB-1232 Peak 2	3.630										3.560 - 3.700	3.630
PCB-1232 Peak 3	3.918										3.848 - 3.988	3.918
PCB-1232 Peak 4	4.348										4.278 - 4.418	4.348
PCB-1232 Peak 5	4.475										4.405 - 4.545	4.475
PCB-1232 Peak 6	4.595										4.525 - 4.665	4.595
PCB-1232 Peak 7	4.937										4.867 - 5.007	4.937
PCB-1232 Peak 8	5.093										5.023 - 5.163	5.093

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	of170289.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	93.018				Ave		93.0180000						20.0			
PCB-1232 Peak 2	104.88				Ave		104.882000						20.0			
PCB-1232 Peak 3	42.470				Ave		42.4700000						20.0			
PCB-1232 Peak 4	70.697				Ave		70.6970000						20.0			
PCB-1232 Peak 5	51.427				Ave		51.4270000						20.0			
PCB-1232 Peak 6	35.782				Ave		35.7820000						20.0			
PCB-1232 Peak 7	58.298				Ave		58.2980000						20.0			
PCB-1232 Peak 8	68.218				Ave		68.2180000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	of170289.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	93018					1000				
PCB-1232 Peak 2	Ave	104882					1000				
PCB-1232 Peak 3	Ave	42470					1000				
PCB-1232 Peak 4	Ave	70697					1000				
PCB-1232 Peak 5	Ave	51427					1000				
PCB-1232 Peak 6	Ave	35782					1000				
PCB-1232 Peak 7	Ave	58298					1000				
PCB-1232 Peak 8	Ave	68218					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	or170289.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.512										2.442 - 2.582	2.512
PCB-1232 Peak 2	2.852										2.782 - 2.922	2.852
PCB-1232 Peak 3	3.052										2.982 - 3.122	3.052
PCB-1232 Peak 4	3.323										3.253 - 3.393	3.323
PCB-1232 Peak 5	3.470										3.400 - 3.540	3.470
PCB-1232 Peak 6	3.532										3.462 - 3.602	3.532
PCB-1232 Peak 7	3.922										3.852 - 3.992	3.922
PCB-1232 Peak 8	4.305										4.235 - 4.375	4.305

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	or170289.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	101.33				Ave		101.326000						20.0			
PCB-1232 Peak 2	78.159				Ave		78.1590000						20.0			
PCB-1232 Peak 3	51.592				Ave		51.5920000						20.0			
PCB-1232 Peak 4	144.48				Ave		144.475000						20.0			
PCB-1232 Peak 5	52.779				Ave		52.7790000						20.0			
PCB-1232 Peak 6	39.696				Ave		39.6960000						20.0			
PCB-1232 Peak 7	62.744				Ave		62.7440000						20.0			
PCB-1232 Peak 8	34.667				Ave		34.6670000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	or170289.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	101326					1000				
PCB-1232 Peak 2	Ave	78159					1000				
PCB-1232 Peak 3	Ave	51592					1000				
PCB-1232 Peak 4	Ave	144475					1000				
PCB-1232 Peak 5	Ave	52779					1000				
PCB-1232 Peak 6	Ave	39696					1000				
PCB-1232 Peak 7	Ave	62744					1000				
PCB-1232 Peak 8	Ave	34667					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	of170290.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.160										3.090 - 3.230	3.160
PCB-1242 Peak 2	3.633										3.563 - 3.703	3.633
PCB-1242 Peak 3	3.922										3.852 - 3.992	3.922
PCB-1242 Peak 4	4.180										4.110 - 4.250	4.180
PCB-1242 Peak 5	4.350										4.280 - 4.420	4.350
PCB-1242 Peak 6	4.598										4.528 - 4.668	4.598
PCB-1242 Peak 7	5.097										5.027 - 5.167	5.097
PCB-1242 Peak 8	5.425										5.355 - 5.495	5.425

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	of170290.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	85.870				Ave		85.8700000						20.0			
PCB-1242 Peak 2	164.21				Ave		164.207000						20.0			
PCB-1242 Peak 3	81.002				Ave		81.0020000						20.0			
PCB-1242 Peak 4	303.20				Ave		303.195000						20.0			
PCB-1242 Peak 5	129.69				Ave		129.694000						20.0			
PCB-1242 Peak 6	65.289				Ave		65.2890000						20.0			
PCB-1242 Peak 7	122.04				Ave		122.042000						20.0			
PCB-1242 Peak 8	88.470				Ave		88.4700000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	of170290.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	85870					1000				
PCB-1242 Peak 2	Ave	164207					1000				
PCB-1242 Peak 3	Ave	81002					1000				
PCB-1242 Peak 4	Ave	303195					1000				
PCB-1242 Peak 5	Ave	129694					1000				
PCB-1242 Peak 6	Ave	65289					1000				
PCB-1242 Peak 7	Ave	122042					1000				
PCB-1242 Peak 8	Ave	88470					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	or170290.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.512										2.442 - 2.582	2.512
PCB-1242 Peak 2	2.852										2.782 - 2.922	2.852
PCB-1242 Peak 3	3.052										2.982 - 3.122	3.052
PCB-1242 Peak 4	3.323										3.253 - 3.393	3.323
PCB-1242 Peak 5	3.470										3.400 - 3.540	3.470
PCB-1242 Peak 6	3.692										3.622 - 3.762	3.692
PCB-1242 Peak 7	3.922										3.852 - 3.992	3.922
PCB-1242 Peak 8	4.667										4.597 - 4.737	4.667

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	or170290.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	84.455				Ave		84.4550000						20.0			
PCB-1242 Peak 2	136.54				Ave		136.535000						20.0			
PCB-1242 Peak 3	97.309				Ave		97.3090000						20.0			
PCB-1242 Peak 4	280.01				Ave		280.007000						20.0			
PCB-1242 Peak 5	101.06				Ave		101.058000						20.0			
PCB-1242 Peak 6	191.02				Ave		191.022000						20.0			
PCB-1242 Peak 7	113.77				Ave		113.768000						20.0			
PCB-1242 Peak 8	105.31				Ave		105.308000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	or170290.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	84455					1000				
PCB-1242 Peak 2	Ave	136535					1000				
PCB-1242 Peak 3	Ave	97309					1000				
PCB-1242 Peak 4	Ave	280007					1000				
PCB-1242 Peak 5	Ave	101058					1000				
PCB-1242 Peak 6	Ave	191022					1000				
PCB-1242 Peak 7	Ave	113768					1000				
PCB-1242 Peak 8	Ave	105308					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	of170291.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.630										3.560 - 3.700	3.630
PCB-1248 Peak 2	4.178										4.108 - 4.248	4.178
PCB-1248 Peak 3	4.478										4.408 - 4.548	4.478
PCB-1248 Peak 4	4.597										4.527 - 4.667	4.597
PCB-1248 Peak 5	4.938										4.868 - 5.008	4.938
PCB-1248 Peak 6	5.095										5.025 - 5.165	5.095
PCB-1248 Peak 7	5.425										5.355 - 5.495	5.425
PCB-1248 Peak 8	5.482										5.412 - 5.552	5.482

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	of170291.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	88.403				Ave		88.4030000						20.0			
PCB-1248 Peak 2	199.45				Ave		199.448000						20.0			
PCB-1248 Peak 3	29.861				Ave		29.8610000						20.0			
PCB-1248 Peak 4	112.39				Ave		112.390000						20.0			
PCB-1248 Peak 5	149.40				Ave		149.403000						20.0			
PCB-1248 Peak 6	186.71				Ave		186.706000						20.0			
PCB-1248 Peak 7	158.33				Ave		158.328000						20.0			
PCB-1248 Peak 8	240.66				Ave		240.655000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	of170291.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	88403					1000				
PCB-1248 Peak 2	Ave	199448					1000				
PCB-1248 Peak 3	Ave	29861					1000				
PCB-1248 Peak 4	Ave	112390					1000				
PCB-1248 Peak 5	Ave	149403					1000				
PCB-1248 Peak 6	Ave	186706					1000				
PCB-1248 Peak 7	Ave	158328					1000				
PCB-1248 Peak 8	Ave	240655					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	or170291.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.850										2.780 - 2.920	2.850
PCB-1248 Peak 2	3.322										3.252 - 3.392	3.322
PCB-1248 Peak 3	3.530										3.460 - 3.600	3.530
PCB-1248 Peak 4	3.688										3.618 - 3.758	3.688
PCB-1248 Peak 5	3.920										3.850 - 3.990	3.920
PCB-1248 Peak 6	4.015										3.945 - 4.085	4.015
PCB-1248 Peak 7	4.305										4.235 - 4.375	4.305
PCB-1248 Peak 8	4.663										4.593 - 4.733	4.663

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	or170291.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	76.689				Ave		76.6890000						20.0			
PCB-1248 Peak 2	190.42				Ave		190.417000						20.0			
PCB-1248 Peak 3	44.039				Ave		44.0390000						20.0			
PCB-1248 Peak 4	297.29				Ave		297.287000						20.0			
PCB-1248 Peak 5	173.75				Ave		173.750000						20.0			
PCB-1248 Peak 6	92.213				Ave		92.2130000						20.0			
PCB-1248 Peak 7	73.154				Ave		73.1540000						20.0			
PCB-1248 Peak 8	171.10				Ave		171.098000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	or170291.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	76689					1000				
PCB-1248 Peak 2	Ave	190417					1000				
PCB-1248 Peak 3	Ave	44039					1000				
PCB-1248 Peak 4	Ave	297287					1000				
PCB-1248 Peak 5	Ave	173750					1000				
PCB-1248 Peak 6	Ave	92213					1000				
PCB-1248 Peak 7	Ave	73154					1000				
PCB-1248 Peak 8	Ave	171098					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	of170292.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.598										4.528 - 4.668	4.598
PCB-1254 Peak 2	5.477										5.407 - 5.547	5.477
PCB-1254 Peak 3	5.725										5.655 - 5.795	5.725
PCB-1254 Peak 4	6.185										6.115 - 6.255	6.185
PCB-1254 Peak 5	6.353										6.283 - 6.423	6.353
PCB-1254 Peak 6	7.328										7.258 - 7.398	7.328
PCB-1254 Peak 7	7.722										7.652 - 7.792	7.722
PCB-1254 Peak 8	8.550										8.480 - 8.620	8.550

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	of170292.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	138.10				Ave		138.104000						20.0			
PCB-1254 Peak 2	231.91				Ave		231.907000						20.0			
PCB-1254 Peak 3	198.96				Ave		198.958000						20.0			
PCB-1254 Peak 4	155.68				Ave		155.675000						20.0			
PCB-1254 Peak 5	330.53				Ave		330.533000						20.0			
PCB-1254 Peak 6	258.94				Ave		258.942000						20.0			
PCB-1254 Peak 7	331.01				Ave		331.005000						20.0			
PCB-1254 Peak 8	78.429				Ave		78.4290000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	of170292.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	138104					1000				
PCB-1254 Peak 2	Ave	231907					1000				
PCB-1254 Peak 3	Ave	198958					1000				
PCB-1254 Peak 4	Ave	155675					1000				
PCB-1254 Peak 5	Ave	330533					1000				
PCB-1254 Peak 6	Ave	258942					1000				
PCB-1254 Peak 7	Ave	331005					1000				
PCB-1254 Peak 8	Ave	78429					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10074

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	or170292.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.353										4.283 - 4.423	4.353
PCB-1254 Peak 2	4.403										4.333 - 4.473	4.403
PCB-1254 Peak 3	4.662										4.592 - 4.732	4.662
PCB-1254 Peak 4	4.990										4.920 - 5.060	4.990
PCB-1254 Peak 5	5.138										5.068 - 5.208	5.138
PCB-1254 Peak 6	5.482										5.412 - 5.552	5.482
PCB-1254 Peak 7	5.712										5.642 - 5.782	5.712
PCB-1254 Peak 8	6.065										5.995 - 6.135	6.065

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10074

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	or170292.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	125.27				Ave		125.266000						20.0			
PCB-1254 Peak 2	144.22				Ave		144.224000						20.0			
PCB-1254 Peak 3	180.47				Ave		180.473000						20.0			
PCB-1254 Peak 4	136.74				Ave		136.737000						20.0			
PCB-1254 Peak 5	279.18				Ave		279.178000						20.0			
PCB-1254 Peak 6	212.70				Ave		212.697000						20.0			
PCB-1254 Peak 7	203.16				Ave		203.163000						20.0			
PCB-1254 Peak 8	315.49				Ave		315.488000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10074

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	or170292.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	125266					1000				
PCB-1254 Peak 2	Ave	144224					1000				
PCB-1254 Peak 3	Ave	180473					1000				
PCB-1254 Peak 4	Ave	136737					1000				
PCB-1254 Peak 5	Ave	279178					1000				
PCB-1254 Peak 6	Ave	212697					1000				
PCB-1254 Peak 7	Ave	203163					1000				
PCB-1254 Peak 8	Ave	315488					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	of170293.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	6.653										6.583 - 6.723	6.653
PCB-1262 Peak 2	7.013										6.943 - 7.083	7.013
PCB-1262 Peak 3	7.922										7.852 - 7.992	7.922
PCB-1262 Peak 4	8.620										8.550 - 8.690	8.620
PCB-1262 Peak 5	9.593										9.523 - 9.663	9.593
PCB-1262 Peak 6	9.647										9.577 - 9.717	9.647
PCB-1262 Peak 7	10.207										10.137 - 10.277	10.207
PCB-1262 Peak 8	10.493										10.423 - 10.563	10.493

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	of170293.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	197.17				Ave		197.168000						20.0			
PCB-1262 Peak 2	228.30				Ave		228.304000						20.0			
PCB-1262 Peak 3	316.32				Ave		316.317000						20.0			
PCB-1262 Peak 4	281.65				Ave		281.652000						20.0			
PCB-1262 Peak 5	320.32				Ave		320.319000						20.0			
PCB-1262 Peak 6	248.00				Ave		248.002000						20.0			
PCB-1262 Peak 7	161.69				Ave		161.687000						20.0			
PCB-1262 Peak 8	56.753				Ave		56.7530000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	of170293.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	197168					1000				
PCB-1262 Peak 2	Ave	228304					1000				
PCB-1262 Peak 3	Ave	316317					1000				
PCB-1262 Peak 4	Ave	281652					1000				
PCB-1262 Peak 5	Ave	320319					1000				
PCB-1262 Peak 6	Ave	248002					1000				
PCB-1262 Peak 7	Ave	161687					1000				
PCB-1262 Peak 8	Ave	56753					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10075

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	or170293.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.193										5.123 - 5.263	5.193
PCB-1262 Peak 2	5.363										5.293 - 5.433	5.363
PCB-1262 Peak 3	6.065										5.995 - 6.135	6.065
PCB-1262 Peak 4	6.218										6.148 - 6.288	6.218
PCB-1262 Peak 5	6.570										6.500 - 6.640	6.570
PCB-1262 Peak 6	7.620										7.550 - 7.690	7.620
PCB-1262 Peak 7	7.792										7.722 - 7.862	7.792
PCB-1262 Peak 8	8.975										8.905 - 9.045	8.975

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10075

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	or170293.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	154.73				Ave		154.729300						20.0			
PCB-1262 Peak 2	169.47				Ave		169.471900						20.0			
PCB-1262 Peak 3	190.47				Ave		190.470450						20.0			
PCB-1262 Peak 4	234.07				Ave		234.073950						20.0			
PCB-1262 Peak 5	210.13				Ave		210.133300						20.0			
PCB-1262 Peak 6	145.41				Ave		145.410250						20.0			
PCB-1262 Peak 7	253.58				Ave		253.581150						20.0			
PCB-1262 Peak 8	185.25				Ave		185.246850						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10075

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	or170293.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	154729					1000				
PCB-1262 Peak 2	Ave	169471					1000				
PCB-1262 Peak 3	Ave	190470					1000				
PCB-1262 Peak 4	Ave	234073					1000				
PCB-1262 Peak 5	Ave	210133					1000				
PCB-1262 Peak 6	Ave	145410					1000				
PCB-1262 Peak 7	Ave	253581					1000				
PCB-1262 Peak 8	Ave	185246					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	of170294.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.928										7.858 - 7.998	7.928
PCB-1268 Peak 2	8.632										8.562 - 8.702	8.632
PCB-1268 Peak 3	9.592										9.522 - 9.662	9.592
PCB-1268 Peak 4	9.645										9.575 - 9.715	9.645
PCB-1268 Peak 5	9.925										9.855 - 9.995	9.925
PCB-1268 Peak 6	10.025										9.955 - 10.095	10.025
PCB-1268 Peak 7	10.208										10.138 - 10.278	10.208
PCB-1268 Peak 8	10.495										10.425 - 10.565	10.495

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	of170294.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	136.85				Ave		136.852900						20.0			
PCB-1268 Peak 2	164.45				Ave		164.449250						20.0			
PCB-1268 Peak 3	409.89				Ave		409.887250						20.0			
PCB-1268 Peak 4	578.40				Ave		578.402350						20.0			
PCB-1268 Peak 5	368.25				Ave		368.250200						20.0			
PCB-1268 Peak 6	123.90				Ave		123.896900						20.0			
PCB-1268 Peak 7	163.73				Ave		163.733800						20.0			
PCB-1268 Peak 8	927.09				Ave		927.094450						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	of170294.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	136852					1000				
PCB-1268 Peak 2	Ave	164449					1000				
PCB-1268 Peak 3	Ave	409887					1000				
PCB-1268 Peak 4	Ave	578402					1000				
PCB-1268 Peak 5	Ave	368250					1000				
PCB-1268 Peak 6	Ave	123896					1000				
PCB-1268 Peak 7	Ave	163733					1000				
PCB-1268 Peak 8	Ave	927094					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	or170294.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	6.220										6.150 - 6.290	6.220
PCB-1268 Peak 2	6.565										6.495 - 6.635	6.565
PCB-1268 Peak 3	7.703										7.633 - 7.773	7.703
PCB-1268 Peak 4	7.782										7.712 - 7.852	7.782
PCB-1268 Peak 5	8.215										8.145 - 8.285	8.215
PCB-1268 Peak 6	8.418										8.348 - 8.488	8.418
PCB-1268 Peak 7	8.975										8.905 - 9.045	8.975
PCB-1268 Peak 8	9.395										9.325 - 9.465	9.395

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	or170294.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	112.37				Ave		112.371000						20.0			
PCB-1268 Peak 2	141.66				Ave		141.658000						20.0			
PCB-1268 Peak 3	464.97				Ave		464.967000						20.0			
PCB-1268 Peak 4	602.12				Ave		602.118000						20.0			
PCB-1268 Peak 5	457.40				Ave		457.402000						20.0			
PCB-1268 Peak 6	135.49				Ave		135.486000						20.0			
PCB-1268 Peak 7	193.64				Ave		193.642000						20.0			
PCB-1268 Peak 8	1190.7				Ave		1190.68200						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	or170294.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	112371					1000				
PCB-1268 Peak 2	Ave	141658					1000				
PCB-1268 Peak 3	Ave	464967					1000				
PCB-1268 Peak 4	Ave	602118					1000				
PCB-1268 Peak 5	Ave	457402					1000				
PCB-1268 Peak 6	Ave	135486					1000				
PCB-1268 Peak 7	Ave	193642					1000				
PCB-1268 Peak 8	Ave	1190682					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 02:53 Calibration End Date: 03/31/2011 03:57 Calibration ID: 10323

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/4	qf082560.d
Level 2	IC 460-69037/5	qf082561.d
Level 3	IC 460-69037/6	qf082562.d
Level 4	IC 460-69037/7	qf082563.d
Level 5	IC 460-69037/8	qf082564.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	1.566	1.566	1.567	1.565	1.565						1.497 - 1.637	1.566
PCB-1016 Peak 2	1.935	1.936	1.937	1.935	1.936						1.867 - 2.007	1.936
PCB-1016 Peak 3	2.157	2.159	2.158	2.157	2.158						2.088 - 2.228	2.158
PCB-1016 Peak 4	2.398	2.399	2.399	2.397	2.399						2.329 - 2.469	2.398
PCB-1016 Peak 5	2.543	2.544	2.544	2.542	2.544						2.474 - 2.614	2.543
PCB-1016 Peak 6	2.656	2.657	2.657	2.655	2.657						2.587 - 2.727	2.657
PCB-1016 Peak 7	3.099	3.102	3.102	3.101	3.103						3.032 - 3.172	3.102
PCB-1016 Peak 8	3.275	3.278	3.278	3.276	3.278						3.208 - 3.348	3.277
PCB-1260 Peak 1	5.482	5.486	5.486	5.482	5.484						5.416 - 5.556	5.484
PCB-1260 Peak 2	5.885	5.888	5.888	5.885	5.888						5.818 - 5.958	5.887
PCB-1260 Peak 3	6.543	6.546	6.548	6.544	6.546						6.478 - 6.618	6.545
PCB-1260 Peak 4	6.754	6.759	6.760	6.756	6.758						6.690 - 6.830	6.757
PCB-1260 Peak 5	6.868	6.873	6.874	6.869	6.871						6.804 - 6.944	6.871
PCB-1260 Peak 6	7.416	7.421	7.423	7.418	7.422						7.353 - 7.493	7.420
PCB-1260 Peak 7	8.933	8.938	8.939	8.935	8.937						8.869 - 9.009	8.937
PCB-1260 Peak 8	9.738	9.742	9.742	9.741	9.744						9.672 - 9.812	9.742
DCB Decachlorobiphenyl	10.324	10.330	10.328	10.331	10.336						10.228 - 10.428	10.330

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 02:53 Calibration End Date: 03/31/2011 03:57 Calibration ID: 10323

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/4	qf082560.d
Level 2	IC 460-69037/5	qf082561.d
Level 3	IC 460-69037/6	qf082562.d
Level 4	IC 460-69037/7	qf082563.d
Level 5	IC 460-69037/8	qf082564.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	6775.9 5126.0	6436.7	6897.6	5339.9	Ave		6115.23208				13.5		20.0			
PCB-1016 Peak 2	13526 9832.2	13188	11359	10288	Ave		11638.5043				14.3		20.0			
PCB-1016 Peak 3	7643.8 6743.5	8522.0	7437.0	6946.8	Ave		7458.63468				9.3		20.0			
PCB-1016 Peak 4	26844 19228	25628	21981	19858	Ave		22707.6101				15.0		20.0			
PCB-1016 Peak 5	11886 8695.2	11489	9804.9	9029.2	Ave		10180.8036				14.1		20.0			
PCB-1016 Peak 6	8813.9 7055.2	8855.6	7646.6	7222.1	Ave		7918.67497				10.9		20.0			
PCB-1016 Peak 7	12551 9275.2	11489	9769.0	9402.1	Ave		10497.2431				13.8		20.0			
PCB-1016 Peak 8	7915.8 6689.7	7664.1	6675.5	6708.3	Ave		7130.68867				8.5		20.0			
PCB-1260 Peak 1	21617 14197	17881	16565	14525	Ave		16956.9097				17.8		20.0			
PCB-1260 Peak 2	26769 18500	22859	21135	18615	Ave		21575.7066				15.9		20.0			
PCB-1260 Peak 3	30884 23544	28348	26440	23573	Ave		26557.5487				11.9		20.0			
PCB-1260 Peak 4	18897 14002	17015	15883	13945	Ave		15948.6291				13.2		20.0			
PCB-1260 Peak 5	9462.1 7733.0	8861.2	8405.7	7572.1	Ave		8406.81095				9.3		20.0			
PCB-1260 Peak 6	16731 12790	15003	14220	12703	Ave		14289.5129				11.7		20.0			
PCB-1260 Peak 7	24244 19079	21927	20869	18731	Ave		20970.1148				10.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 02:53 Calibration End Date: 03/31/2011 03:57 Calibration ID: 10323

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	7259.9 6387.9	6965.2	7088.4	6144.5	Ave		6769.16479				7.1		20.0			
DCB Decachlorobiphenyl	297139 195272	238940	223399	184573	Ave		227864.518				19.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 02:53 Calibration End Date: 03/31/2011 03:57 Calibration ID: 10323

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/4	qf082560.d
Level 2	IC 460-69037/5	qf082561.d
Level 3	IC 460-69037/6	qf082562.d
Level 4	IC 460-69037/7	qf082563.d
Level 5	IC 460-69037/8	qf082564.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	677587	3218360	6897614	8009904	12815051	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	1352587	6593893	11358971	15431575	24580444	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	764382	4261016	7436987	10420257	16858741	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	2684381	12813916	21981278	29786281	48069025	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1188552	5744653	9804851	13543734	21737963	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	881387	4427777	7646603	10833205	17638028	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1255063	5744652	9769003	14103156	23187936	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	791584	3832043	6675518	10062449	16724250	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2161669	8940370	16565396	21787596	35491646	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	2676875	11429525	21135168	27922895	46250754	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	3088355	14173833	26439593	35359544	58859763	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	1889730	8507732	15883102	20917277	35006070	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	946208	4430599	8405657	11358131	19332581	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	1673068	7501583	14220386	19055063	31974893	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	2424383	10963610	20869122	28096794	47698015	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	725986	3482581	7088425	9216713	15969754	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	7428471	11947011	22339886	27685881	39054426	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 02:53 Calibration End Date: 03/31/2011 03:57 Calibration ID: 10315

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/4	qr082560.d
Level 2	IC 460-69037/5	qr082561.d
Level 3	IC 460-69037/6	qr082562.d
Level 4	IC 460-69037/7	qr082563.d
Level 5	IC 460-69037/8	qr082564.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	1.214	1.211	1.214	1.211	1.211						1.144 - 1.284	1.212
PCB-1016 Peak 2	1.459	1.458	1.461	1.459	1.459						1.391 - 1.531	1.459
PCB-1016 Peak 3	1.606	1.605	1.607	1.605	1.606						1.537 - 1.677	1.606
PCB-1016 Peak 4	1.826	1.826	1.827	1.825	1.825						1.757 - 1.897	1.826
PCB-1016 Peak 5	1.947	1.946	1.948	1.946	1.947						1.878 - 2.018	1.947
PCB-1016 Peak 6	2.133	2.135	2.137	2.134	2.135						2.067 - 2.207	2.135
PCB-1016 Peak 7	2.332	2.334	2.335	2.333	2.334						2.265 - 2.405	2.334
PCB-1016 Peak 8	2.723	2.723	2.724	2.721	2.723						2.654 - 2.794	2.723
PCB-1260 Peak 1	3.962	3.962	3.965	3.961	3.962						3.895 - 4.035	3.962
PCB-1260 Peak 2	4.518	4.521	4.522	4.519	4.519						4.452 - 4.592	4.520
PCB-1260 Peak 3	5.033	5.036	5.037	5.033	5.033						4.967 - 5.107	5.034
PCB-1260 Peak 4	5.248	5.251	5.252	5.249	5.249						5.182 - 5.322	5.250
PCB-1260 Peak 5	5.711	5.715	5.677	5.674	5.676						5.607 - 5.747	5.691
PCB-1260 Peak 6	6.783	6.786	6.787	6.782	6.784						6.717 - 6.857	6.784
PCB-1260 Peak 7	6.967	6.971	6.972	6.969	6.969						6.902 - 7.042	6.970
PCB-1260 Peak 8	8.348	8.351	8.352	8.346	8.348						8.282 - 8.422	8.349
DCB Decachlorobiphenyl	9.232	9.233	9.234	9.231	9.232						9.134 - 9.334	9.232

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 02:53 Calibration End Date: 03/31/2011 03:57 Calibration ID: 10315

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/4	qr082560.d
Level 2	IC 460-69037/5	qr082561.d
Level 3	IC 460-69037/6	qr082562.d
Level 4	IC 460-69037/7	qr082563.d
Level 5	IC 460-69037/8	qr082564.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	7175.9 5836.6	7938.3	6701.3	6072.8	Ave		6744.96872				12.6		20.0			
PCB-1016 Peak 2	14487 10625	14800	12421	11046	Ave		12675.7720				15.1		20.0			
PCB-1016 Peak 3	10221 8124.5	11202	9491.3	8357.9	Ave		9479.36477				13.6		20.0			
PCB-1016 Peak 4	33124 24964	33814	28875	25596	Ave		29274.6647				14.1		20.0			
PCB-1016 Peak 5	11644 8682.1	12186	10418	8967.3	Ave		10379.4299				15.0		20.0			
PCB-1016 Peak 6	19000 14977	21223	17926	15549	Ave		17734.9215				14.4		20.0			
PCB-1016 Peak 7	10577 9057.0	12476	10698	9320.5	Ave		10425.5864				13.0		20.0			
PCB-1016 Peak 8	10952 8359.4	12345	10522	8697.4	Ave		10175.0202				16.2		20.0			
PCB-1260 Peak 1	23892 15533	19895	17883	15838	Ave		18608.2182				18.5		20.0			
PCB-1260 Peak 2	44294 30304	38544	34908	30584	Ave		35726.6119				16.4		20.0			
PCB-1260 Peak 3	33510 26909	32253	30167	26537	Ave		29875.0781				10.4		20.0			
PCB-1260 Peak 4	20724 15993	20005	18471	16004	Ave		18239.6419				12.1		20.0			
PCB-1260 Peak 5	10217 12777	9703.8	14987	12876	Ave		12112.2467				17.8		20.0			
PCB-1260 Peak 6	16619 14539	16046	15548	14148	Ave		15380.0548				6.7		20.0			
PCB-1260 Peak 7	12133 10871	12625	13036	10850	Ave		11902.9413				8.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 02:53 Calibration End Date: 03/31/2011 03:57 Calibration ID: 10315

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	6237.6 8984.1	9191.5	9109.0	8328.7	Ave		8370.17348				14.8		20.0			
DCB Decachlorobiphenyl	464882 300948	359465	347822	287749	Ave		352173.236				19.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 02:53 Calibration End Date: 03/31/2011 03:57 Calibration ID: 10315

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/4	qr082560.d
Level 2	IC 460-69037/5	qr082561.d
Level 3	IC 460-69037/6	qr082562.d
Level 4	IC 460-69037/7	qr082563.d
Level 5	IC 460-69037/8	qr082564.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	717590	3969138	6701322	9109137	14591469	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	1448683	7400047	12421024	16569223	26561908	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	1022089	5601105	9491322	12536821	20311303	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	3312410	16907094	28875378	38393771	62409526	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1164359	6093185	10417753	13450998	21705261	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	1899951	10611619	17926151	23322922	37442735	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1057655	6237886	10698122	13980699	22642555	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	1095151	6172307	10522089	13046165	20898612	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2389193	9947282	17883489	23757463	38831998	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	4429352	19272227	34907602	45875741	75759141	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	3350980	16126486	30166730	39805410	67272371	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	2072420	10002591	18471310	24006713	39982606	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	1021737	4851889	14987342	19313330	31942976	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	1661944	8022932	15547966	21222248	36347097	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	1213344	6312332	13036112	16274310	27177376	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	623757	4595771	9108955	12493053	22460246	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	11622055	17973241	34782226	43162349	60189581	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:13 Calibration End Date: 03/31/2011 04:13 Calibration ID: 10324

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/9	qf082565.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.399										1.329 - 1.469	1.399
PCB-1221 Peak 2	1.513										1.443 - 1.583	1.513
PCB-1221 Peak 3	1.565										1.495 - 1.635	1.565
PCB-1221 Peak 4	1.930										1.860 - 2.000	1.930
PCB-1221 Peak 5	1.989										1.919 - 2.059	1.989
PCB-1221 Peak 6	2.396										2.326 - 2.466	2.396
PCB-1221 Peak 7	2.541										2.471 - 2.611	2.541
PCB-1221 Peak 8	2.649										2.579 - 2.719	2.649

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:13 Calibration End Date: 03/31/2011 04:13 Calibration ID: 10324

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/9	qf082565.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	3273.3				Ave		3273.30900						20.0			
PCB-1221 Peak 2	1569.7				Ave		1569.67000						20.0			
PCB-1221 Peak 3	7887.5				Ave		7887.46200						20.0			
PCB-1221 Peak 4	1348.3				Ave		1348.34400						20.0			
PCB-1221 Peak 5	1698.5				Ave		1698.53600						20.0			
PCB-1221 Peak 6	1518.9				Ave		1518.89400						20.0			
PCB-1221 Peak 7	768.76				Ave		768.759000						20.0			
PCB-1221 Peak 8	401.52				Ave		401.520000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:13 Calibration End Date: 03/31/2011 04:13 Calibration ID: 10324

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/9	qf082565.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	3273309					1000				
PCB-1221 Peak 2	Ave	1569670					1000				
PCB-1221 Peak 3	Ave	7887462					1000				
PCB-1221 Peak 4	Ave	1348344					1000				
PCB-1221 Peak 5	Ave	1698536					1000				
PCB-1221 Peak 6	Ave	1518894					1000				
PCB-1221 Peak 7	Ave	768759					1000				
PCB-1221 Peak 8	Ave	401520					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:13 Calibration End Date: 03/31/2011 04:13 Calibration ID: 10316

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/9	qr082565.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.090										1.020 - 1.160	1.090
PCB-1221 Peak 2	1.209										1.139 - 1.279	1.209
PCB-1221 Peak 3	1.459										1.389 - 1.529	1.459
PCB-1221 Peak 4	1.498										1.428 - 1.568	1.498
PCB-1221 Peak 5	1.552										1.482 - 1.622	1.552
PCB-1221 Peak 6	1.824										1.754 - 1.894	1.824
PCB-1221 Peak 7	1.941										1.871 - 2.011	1.941
PCB-1221 Peak 8	1.990										1.920 - 2.060	1.990

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:13 Calibration End Date: 03/31/2011 04:13 Calibration ID: 10316

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/9	qr082565.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	3439.5				Ave		3439.47700						20.0			
PCB-1221 Peak 2	9805.0				Ave		9804.97000						20.0			
PCB-1221 Peak 3	694.28				Ave		694.275000						20.0			
PCB-1221 Peak 4	599.00				Ave		599.001000						20.0			
PCB-1221 Peak 5	1328.9				Ave		1328.94400						20.0			
PCB-1221 Peak 6	1765.4				Ave		1765.42800						20.0			
PCB-1221 Peak 7	582.42				Ave		582.421000						20.0			
PCB-1221 Peak 8	488.71				Ave		488.714000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:13 Calibration End Date: 03/31/2011 04:13 Calibration ID: 10316

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/9	qr082565.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	3439477					1000				
PCB-1221 Peak 2	Ave	9804970					1000				
PCB-1221 Peak 3	Ave	694275					1000				
PCB-1221 Peak 4	Ave	599001					1000				
PCB-1221 Peak 5	Ave	1328944					1000				
PCB-1221 Peak 6	Ave	1765428					1000				
PCB-1221 Peak 7	Ave	582421					1000				
PCB-1221 Peak 8	Ave	488714					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:28 Calibration End Date: 03/31/2011 04:28 Calibration ID: 10325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/10	qf082566.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	1.567										1.497 - 1.637	1.567
PCB-1232 Peak 2	1.935										1.865 - 2.005	1.935
PCB-1232 Peak 3	2.158										2.088 - 2.228	2.158
PCB-1232 Peak 4	2.398										2.328 - 2.468	2.398
PCB-1232 Peak 5	2.543										2.473 - 2.613	2.543
PCB-1232 Peak 6	2.657										2.587 - 2.727	2.657
PCB-1232 Peak 7	3.102										3.032 - 3.172	3.102
PCB-1232 Peak 8	3.276										3.206 - 3.346	3.276

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:28 Calibration End Date: 03/31/2011 04:28 Calibration ID: 10325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/10	qf082566.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	5598.7				Ave		5598.65300						20.0			
PCB-1232 Peak 2	6228.4				Ave		6228.40300						20.0			
PCB-1232 Peak 3	3287.8				Ave		3287.83600						20.0			
PCB-1232 Peak 4	9707.0				Ave		9707.00700						20.0			
PCB-1232 Peak 5	4394.2				Ave		4394.22200						20.0			
PCB-1232 Peak 6	3348.4				Ave		3348.35300						20.0			
PCB-1232 Peak 7	4974.9				Ave		4974.87200						20.0			
PCB-1232 Peak 8	3461.0				Ave		3460.96700						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:28 Calibration End Date: 03/31/2011 04:28 Calibration ID: 10325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/10	qf082566.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	5598653					1000				
PCB-1232 Peak 2	Ave	6228403					1000				
PCB-1232 Peak 3	Ave	3287836					1000				
PCB-1232 Peak 4	Ave	9707007					1000				
PCB-1232 Peak 5	Ave	4394222					1000				
PCB-1232 Peak 6	Ave	3348353					1000				
PCB-1232 Peak 7	Ave	4974872					1000				
PCB-1232 Peak 8	Ave	3460967					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:28 Calibration End Date: 03/31/2011 04:28 Calibration ID: 10317

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/10	qr082566.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	1.212										1.142 - 1.282	1.212
PCB-1232 Peak 2	1.459										1.389 - 1.529	1.459
PCB-1232 Peak 3	1.605										1.535 - 1.675	1.605
PCB-1232 Peak 4	1.827										1.757 - 1.897	1.827
PCB-1232 Peak 5	1.948										1.878 - 2.018	1.948
PCB-1232 Peak 6	1.991										1.921 - 2.061	1.991
PCB-1232 Peak 7	2.333										2.263 - 2.403	2.333
PCB-1232 Peak 8	2.785										2.715 - 2.855	2.785

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:28 Calibration End Date: 03/31/2011 04:28 Calibration ID: 10317

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/10	qr082566.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	7237.8				Ave		7237.78800						20.0			
PCB-1232 Peak 2	5496.5				Ave		5496.47400						20.0			
PCB-1232 Peak 3	4877.3				Ave		4877.27700						20.0			
PCB-1232 Peak 4	12390				Ave		12389.7370						20.0			
PCB-1232 Peak 5	4401.2				Ave		4401.19900						20.0			
PCB-1232 Peak 6	3759.9				Ave		3759.86700						20.0			
PCB-1232 Peak 7	4885.6				Ave		4885.57900						20.0			
PCB-1232 Peak 8	8603.1				Ave		8603.05300						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:28 Calibration End Date: 03/31/2011 04:28 Calibration ID: 10317

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/10	qr082566.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	7237788					1000				
PCB-1232 Peak 2	Ave	5496474					1000				
PCB-1232 Peak 3	Ave	4877277					1000				
PCB-1232 Peak 4	Ave	12389737					1000				
PCB-1232 Peak 5	Ave	4401199					1000				
PCB-1232 Peak 6	Ave	3759867					1000				
PCB-1232 Peak 7	Ave	4885579					1000				
PCB-1232 Peak 8	Ave	8603053					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:44 Calibration End Date: 03/31/2011 04:44 Calibration ID: 10326

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/11	qf082567.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	1.566										1.496 - 1.636	1.566
PCB-1242 Peak 2	1.936										1.866 - 2.006	1.936
PCB-1242 Peak 3	2.158										2.088 - 2.228	2.158
PCB-1242 Peak 4	2.399										2.329 - 2.469	2.399
PCB-1242 Peak 5	2.543										2.473 - 2.613	2.543
PCB-1242 Peak 6	2.657										2.587 - 2.727	2.657
PCB-1242 Peak 7	3.102										3.032 - 3.172	3.102
PCB-1242 Peak 8	3.277										3.207 - 3.347	3.277

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:44 Calibration End Date: 03/31/2011 04:44 Calibration ID: 10326

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/11	qf082567.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	4956.6				Ave		4956.62300						20.0			
PCB-1242 Peak 2	9898.4				Ave		9898.43100						20.0			
PCB-1242 Peak 3	5492.8				Ave		5492.75500						20.0			
PCB-1242 Peak 4	17356				Ave		17355.8070						20.0			
PCB-1242 Peak 5	7656.1				Ave		7656.05800						20.0			
PCB-1242 Peak 6	5941.4				Ave		5941.37600						20.0			
PCB-1242 Peak 7	8777.4				Ave		8777.44000						20.0			
PCB-1242 Peak 8	6371.0				Ave		6371.02600						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:44 Calibration End Date: 03/31/2011 04:44 Calibration ID: 10326

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/11	qf082567.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	4956623					1000				
PCB-1242 Peak 2	Ave	9898431					1000				
PCB-1242 Peak 3	Ave	5492755					1000				
PCB-1242 Peak 4	Ave	17355807					1000				
PCB-1242 Peak 5	Ave	7656058					1000				
PCB-1242 Peak 6	Ave	5941376					1000				
PCB-1242 Peak 7	Ave	8777440					1000				
PCB-1242 Peak 8	Ave	6371026					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:44 Calibration End Date: 03/31/2011 04:44 Calibration ID: 10318

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/11	qr082567.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	1.212										1.142 - 1.282	1.212
PCB-1242 Peak 2	1.460										1.390 - 1.530	1.460
PCB-1242 Peak 3	1.606										1.536 - 1.676	1.606
PCB-1242 Peak 4	1.826										1.756 - 1.896	1.826
PCB-1242 Peak 5	1.947										1.877 - 2.017	1.947
PCB-1242 Peak 6	2.136										2.066 - 2.206	2.136
PCB-1242 Peak 7	2.335										2.265 - 2.405	2.335
PCB-1242 Peak 8	2.786										2.716 - 2.856	2.786

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:44 Calibration End Date: 03/31/2011 04:44 Calibration ID: 10318

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/11	qr082567.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	5811.7				Ave		5811.72400						20.0			
PCB-1242 Peak 2	9796.5				Ave		9796.52700						20.0			
PCB-1242 Peak 3	7488.4				Ave		7488.37500						20.0			
PCB-1242 Peak 4	23023				Ave		23023.4210						20.0			
PCB-1242 Peak 5	8189.4				Ave		8189.38800						20.0			
PCB-1242 Peak 6	13956				Ave		13956.2920						20.0			
PCB-1242 Peak 7	8868.8				Ave		8868.80300						20.0			
PCB-1242 Peak 8	16451				Ave		16451.1910						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 04:44 Calibration End Date: 03/31/2011 04:44 Calibration ID: 10318

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/11	qr082567.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	5811724					1000				
PCB-1242 Peak 2	Ave	9796527					1000				
PCB-1242 Peak 3	Ave	7488375					1000				
PCB-1242 Peak 4	Ave	23023421					1000				
PCB-1242 Peak 5	Ave	8189388					1000				
PCB-1242 Peak 6	Ave	13956292					1000				
PCB-1242 Peak 7	Ave	8868803					1000				
PCB-1242 Peak 8	Ave	16451191					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:00 Calibration End Date: 03/31/2011 05:00 Calibration ID: 10327

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/12	qf082568.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	1.932										1.862 - 2.002	1.932
PCB-1248 Peak 2	2.395										2.325 - 2.465	2.395
PCB-1248 Peak 3	2.538										2.468 - 2.608	2.538
PCB-1248 Peak 4	2.666										2.596 - 2.736	2.666
PCB-1248 Peak 5	3.100										3.030 - 3.170	3.100
PCB-1248 Peak 6	3.274										3.204 - 3.344	3.274
PCB-1248 Peak 7	3.616										3.546 - 3.686	3.616
PCB-1248 Peak 8	3.818										3.748 - 3.888	3.818

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:00 Calibration End Date: 03/31/2011 05:00 Calibration ID: 10327

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/12	qf082568.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	4170.3				Ave		4170.32900						20.0			
PCB-1248 Peak 2	11355				Ave		11355.2770						20.0			
PCB-1248 Peak 3	4856.5				Ave		4856.51100						20.0			
PCB-1248 Peak 4	4182.2				Ave		4182.21400						20.0			
PCB-1248 Peak 5	12272				Ave		12271.8510						20.0			
PCB-1248 Peak 6	9452.4				Ave		9452.40800						20.0			
PCB-1248 Peak 7	4963.8				Ave		4963.79800						20.0			
PCB-1248 Peak 8	12459				Ave		12459.0530						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:00 Calibration End Date: 03/31/2011 05:00 Calibration ID: 10327

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/12	qf082568.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	4170329					1000				
PCB-1248 Peak 2	Ave	11355277					1000				
PCB-1248 Peak 3	Ave	4856511					1000				
PCB-1248 Peak 4	Ave	4182214					1000				
PCB-1248 Peak 5	Ave	12271851					1000				
PCB-1248 Peak 6	Ave	9452408					1000				
PCB-1248 Peak 7	Ave	4963798					1000				
PCB-1248 Peak 8	Ave	12459053					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:00 Calibration End Date: 03/31/2011 05:00 Calibration ID: 10319

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/12	qr082568.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	1.456										1.386 - 1.526	1.456
PCB-1248 Peak 2	1.603										1.533 - 1.673	1.603
PCB-1248 Peak 3	1.823										1.753 - 1.893	1.823
PCB-1248 Peak 4	2.131										2.061 - 2.201	2.131
PCB-1248 Peak 5	2.331										2.261 - 2.401	2.331
PCB-1248 Peak 6	2.415										2.345 - 2.485	2.415
PCB-1248 Peak 7	2.781										2.711 - 2.851	2.781
PCB-1248 Peak 8	3.015										2.945 - 3.085	3.015

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:00 Calibration End Date: 03/31/2011 05:00 Calibration ID: 10319

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/12	qr082568.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	5103.9				Ave		5103.87400						20.0			
PCB-1248 Peak 2	2890.0				Ave		2889.96100						20.0			
PCB-1248 Peak 3	14608				Ave		14608.3050						20.0			
PCB-1248 Peak 4	20818				Ave		20818.1370						20.0			
PCB-1248 Peak 5	12567				Ave		12567.3660						20.0			
PCB-1248 Peak 6	12681				Ave		12680.7290						20.0			
PCB-1248 Peak 7	28780				Ave		28780.4970						20.0			
PCB-1248 Peak 8	11106				Ave		11105.6000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:00 Calibration End Date: 03/31/2011 05:00 Calibration ID: 10319

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/12	qr082568.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	5103874					1000				
PCB-1248 Peak 2	Ave	2889961					1000				
PCB-1248 Peak 3	Ave	14608305					1000				
PCB-1248 Peak 4	Ave	20818137					1000				
PCB-1248 Peak 5	Ave	12567366					1000				
PCB-1248 Peak 6	Ave	12680729					1000				
PCB-1248 Peak 7	Ave	28780497					1000				
PCB-1248 Peak 8	Ave	11105600					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:16 Calibration End Date: 03/31/2011 05:16 Calibration ID: 10328

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/13	qf082569.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	2.779										2.709 - 2.849	2.779
PCB-1254 Peak 2	4.243										4.173 - 4.313	4.243
PCB-1254 Peak 3	4.357										4.287 - 4.427	4.357
PCB-1254 Peak 4	4.895										4.825 - 4.965	4.895
PCB-1254 Peak 5	5.115										5.045 - 5.185	5.115
PCB-1254 Peak 6	5.556										5.486 - 5.626	5.556
PCB-1254 Peak 7	5.884										5.814 - 5.954	5.884
PCB-1254 Peak 8	6.167										6.097 - 6.237	6.167

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:16 Calibration End Date: 03/31/2011 05:16 Calibration ID: 10328

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/13	qf082569.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	7905.3				Ave		7905.30100						20.0			
PCB-1254 Peak 2	13131				Ave		13131.4400						20.0			
PCB-1254 Peak 3	8652.8				Ave		8652.81100						20.0			
PCB-1254 Peak 4	8829.8				Ave		8829.78500						20.0			
PCB-1254 Peak 5	19541				Ave		19540.5210						20.0			
PCB-1254 Peak 6	15679				Ave		15678.6170						20.0			
PCB-1254 Peak 7	11314				Ave		11313.7170						20.0			
PCB-1254 Peak 8	10467				Ave		10467.0320						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:16 Calibration End Date: 03/31/2011 05:16 Calibration ID: 10328

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/13	qf082569.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	7905301					1000				
PCB-1254 Peak 2	Ave	13131440					1000				
PCB-1254 Peak 3	Ave	8652811					1000				
PCB-1254 Peak 4	Ave	8829785					1000				
PCB-1254 Peak 5	Ave	19540521					1000				
PCB-1254 Peak 6	Ave	15678617					1000				
PCB-1254 Peak 7	Ave	11313717					1000				
PCB-1254 Peak 8	Ave	10467032					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:16 Calibration End Date: 03/31/2011 05:16 Calibration ID: 10320

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/13	qr082569.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	2.122										2.052 - 2.192	2.122
PCB-1254 Peak 2	2.722										2.652 - 2.792	2.722
PCB-1254 Peak 3	3.022										2.952 - 3.092	3.022
PCB-1254 Peak 4	3.389										3.319 - 3.459	3.389
PCB-1254 Peak 5	3.596										3.526 - 3.666	3.596
PCB-1254 Peak 6	4.153										4.083 - 4.223	4.153
PCB-1254 Peak 7	4.516										4.446 - 4.586	4.516
PCB-1254 Peak 8	5.033										4.963 - 5.103	5.033

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:16 Calibration End Date: 03/31/2011 05:16 Calibration ID: 10320

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/13	qr082569.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	8842.1				Ave		8842.10600						20.0			
PCB-1254 Peak 2	11539				Ave		11538.8140						20.0			
PCB-1254 Peak 3	29946				Ave		29945.9900						20.0			
PCB-1254 Peak 4	21523				Ave		21523.0730						20.0			
PCB-1254 Peak 5	22801				Ave		22800.9900						20.0			
PCB-1254 Peak 6	19311				Ave		19310.6980						20.0			
PCB-1254 Peak 7	19811				Ave		19811.1780						20.0			
PCB-1254 Peak 8	25477				Ave		25476.7230						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:16 Calibration End Date: 03/31/2011 05:16 Calibration ID: 10320

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/13	qr082569.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	8842106					1000				
PCB-1254 Peak 2	Ave	11538814					1000				
PCB-1254 Peak 3	Ave	29945990					1000				
PCB-1254 Peak 4	Ave	21523073					1000				
PCB-1254 Peak 5	Ave	22800990					1000				
PCB-1254 Peak 6	Ave	19310698					1000				
PCB-1254 Peak 7	Ave	19811178					1000				
PCB-1254 Peak 8	Ave	25476723					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:32 Calibration End Date: 03/31/2011 05:32 Calibration ID: 10329

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/14	qf082570.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.480										5.410 - 5.550	5.480
PCB-1262 Peak 2	5.882										5.812 - 5.952	5.882
PCB-1262 Peak 3	6.167										6.097 - 6.237	6.167
PCB-1262 Peak 4	6.753										6.683 - 6.823	6.753
PCB-1262 Peak 5	7.416										7.346 - 7.486	7.416
PCB-1262 Peak 6	8.933										8.863 - 9.003	8.933
PCB-1262 Peak 7	9.018										8.948 - 9.088	9.018
PCB-1262 Peak 8	9.742										9.672 - 9.812	9.742

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:32 Calibration End Date: 03/31/2011 05:32 Calibration ID: 10329

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/14	qf082570.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	11530				Ave		11529.8750						20.0			
PCB-1262 Peak 2	14625				Ave		14624.6250						20.0			
PCB-1262 Peak 3	13508				Ave		13507.5730						20.0			
PCB-1262 Peak 4	24037				Ave		24037.2780						20.0			
PCB-1262 Peak 5	18212				Ave		18211.6240						20.0			
PCB-1262 Peak 6	25594				Ave		25594.2240						20.0			
PCB-1262 Peak 7	18858				Ave		18857.7250						20.0			
PCB-1262 Peak 8	12286				Ave		12285.9020						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:32 Calibration End Date: 03/31/2011 05:32 Calibration ID: 10329

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/14	qf082570.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	11529875					1000				
PCB-1262 Peak 2	Ave	14624625					1000				
PCB-1262 Peak 3	Ave	13507573					1000				
PCB-1262 Peak 4	Ave	24037278					1000				
PCB-1262 Peak 5	Ave	18211624					1000				
PCB-1262 Peak 6	Ave	25594224					1000				
PCB-1262 Peak 7	Ave	18857725					1000				
PCB-1262 Peak 8	Ave	12285902					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:32 Calibration End Date: 03/31/2011 05:32 Calibration ID: 10321

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/14	qr082570.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	3.684										3.614 - 3.754	3.684
PCB-1262 Peak 2	3.961										3.891 - 4.031	3.961
PCB-1262 Peak 3	4.522										4.452 - 4.592	4.522
PCB-1262 Peak 4	5.247										5.177 - 5.317	5.247
PCB-1262 Peak 5	5.672										5.602 - 5.742	5.672
PCB-1262 Peak 6	6.233										6.163 - 6.303	6.233
PCB-1262 Peak 7	6.872										6.802 - 6.942	6.872
PCB-1262 Peak 8	8.345										8.275 - 8.415	8.345

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:32 Calibration End Date: 03/31/2011 05:32 Calibration ID: 10321

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/14	qr082570.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1262 Peak 1	13054				Ave		13053.7440						20.0			
PCB-1262 Peak 2	12911				Ave		12911.1260						20.0			
PCB-1262 Peak 3	29143				Ave		29142.6080						20.0			
PCB-1262 Peak 4	27907				Ave		27906.9350						20.0			
PCB-1262 Peak 5	18513				Ave		18512.6820						20.0			
PCB-1262 Peak 6	49458				Ave		49458.3810						20.0			
PCB-1262 Peak 7	21823				Ave		21823.3410						20.0			
PCB-1262 Peak 8	16899				Ave		16898.7870						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:32 Calibration End Date: 03/31/2011 05:32 Calibration ID: 10321

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/14	qr082570.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	13053744					1000				
PCB-1262 Peak 2	Ave	12911126					1000				
PCB-1262 Peak 3	Ave	29142608					1000				
PCB-1262 Peak 4	Ave	27906935					1000				
PCB-1262 Peak 5	Ave	18512682					1000				
PCB-1262 Peak 6	Ave	49458381					1000				
PCB-1262 Peak 7	Ave	21823341					1000				
PCB-1262 Peak 8	Ave	16898787					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:47 Calibration End Date: 03/31/2011 05:47 Calibration ID: 10330

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/15	qf082571.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	6.756										6.686 - 6.826	6.756
PCB-1268 Peak 2	7.433										7.363 - 7.503	7.433
PCB-1268 Peak 3	8.936										8.866 - 9.006	8.936
PCB-1268 Peak 4	9.011										8.941 - 9.081	9.011
PCB-1268 Peak 5	9.376										9.306 - 9.446	9.376
PCB-1268 Peak 6	9.501										9.431 - 9.571	9.501
PCB-1268 Peak 7	9.744										9.674 - 9.814	9.744
PCB-1268 Peak 8	10.088										10.018 - 10.158	10.088

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:47 Calibration End Date: 03/31/2011 05:47 Calibration ID: 10330

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/15	qf082571.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	10260				Ave		10260.2100						20.0			
PCB-1268 Peak 2	13731				Ave		13731.4620						20.0			
PCB-1268 Peak 3	41250				Ave		41249.7770						20.0			
PCB-1268 Peak 4	45795				Ave		45795.4750						20.0			
PCB-1268 Peak 5	33530				Ave		33530.1340						20.0			
PCB-1268 Peak 6	10142				Ave		10141.6460						20.0			
PCB-1268 Peak 7	13167				Ave		13166.5950						20.0			
PCB-1268 Peak 8	80350				Ave		80350.3370						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:47 Calibration End Date: 03/31/2011 05:47 Calibration ID: 10330

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/15	qf082571.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	10260210					1000				
PCB-1268 Peak 2	Ave	13731462					1000				
PCB-1268 Peak 3	Ave	41249777					1000				
PCB-1268 Peak 4	Ave	45795475					1000				
PCB-1268 Peak 5	Ave	33530134					1000				
PCB-1268 Peak 6	Ave	10141646					1000				
PCB-1268 Peak 7	Ave	13166595					1000				
PCB-1268 Peak 8	Ave	80350337					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:47 Calibration End Date: 03/31/2011 05:47 Calibration ID: 10322

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/15	qr082571.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	5.251										5.181 - 5.321	5.251
PCB-1268 Peak 2	5.672										5.602 - 5.742	5.672
PCB-1268 Peak 3	6.879										6.809 - 6.949	6.879
PCB-1268 Peak 4	6.954										6.884 - 7.024	6.954
PCB-1268 Peak 5	7.403										7.333 - 7.473	7.403
PCB-1268 Peak 6	7.607										7.537 - 7.677	7.607
PCB-1268 Peak 7	8.348										8.278 - 8.418	8.348
PCB-1268 Peak 8	8.940										8.870 - 9.010	8.940

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:47 Calibration End Date: 03/31/2011 05:47 Calibration ID: 10322

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/15	qr082571.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1268 Peak 1	11656				Ave		11655.6170						20.0			
PCB-1268 Peak 2	15234				Ave		15234.4870						20.0			
PCB-1268 Peak 3	49991				Ave		49991.3050						20.0			
PCB-1268 Peak 4	57164				Ave		57164.0860						20.0			
PCB-1268 Peak 5	45120				Ave		45120.1570						20.0			
PCB-1268 Peak 6	12992				Ave		12992.2920						20.0			
PCB-1268 Peak 7	18461				Ave		18460.6310						20.0			
PCB-1268 Peak 8	119788				Ave		119787.553						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 69037

SDG No.:

Instrument ID: PESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 05:47 Calibration End Date: 03/31/2011 05:47 Calibration ID: 10322

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69037/15	qr082571.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	11655617					1000				
PCB-1268 Peak 2	Ave	15234487					1000				
PCB-1268 Peak 3	Ave	49991305					1000				
PCB-1268 Peak 4	Ave	57164086					1000				
PCB-1268 Peak 5	Ave	45120157					1000				
PCB-1268 Peak 6	Ave	12992292					1000				
PCB-1268 Peak 7	Ave	18460631					1000				
PCB-1268 Peak 8	Ave	119787553					1000				

Curve Type Legend:

Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171032.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	100.3		1040	1000	3.8	15.0
PCB-1016 Peak 2	Ave	201.5	210.3		1040	1000	4.3	15.0
PCB-1016 Peak 3	Ave	93.89	107.4		1140	1000	14.4	15.0
PCB-1016 Peak 4	Ave	364.0	395.4		1090	1000	8.6	15.0
PCB-1016 Peak 5	Ave	157.8	179.7		1140	1000	13.9	15.0
PCB-1016 Peak 6	Ave	103.6	118.9		1150	1000	14.7	15.0
PCB-1016 Peak 7	Ave	107.1	121.3		1130	1000	13.3	15.0
PCB-1016 Peak 8	Ave	125.1	146.7		1170	1000	17.3*	15.0
PCB-1260 Peak 1	Ave	264.9	273.9		1030	1000	3.4	15.0
PCB-1260 Peak 2	Ave	294.9	308.1		1040	1000	4.5	15.0
PCB-1260 Peak 3	Ave	425.3	448.6		1050	1000	5.5	15.0
PCB-1260 Peak 4	Ave	200.2	210.4		1050	1000	5.1	15.0
PCB-1260 Peak 5	Ave	115.0	125.0		1090	1000	8.8	15.0
PCB-1260 Peak 6	Ave	226.9	240.8		1060	1000	6.1	15.0
PCB-1260 Peak 7	Ave	262.6	277.7		1060	1000	5.7	15.0
PCB-1260 Peak 8	Ave	90.35	104.7		1160	1000	15.9*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171032.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.61	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171032.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3263		110	100	-11.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171032.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171032.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	89.40		918	1000	-8.2	15.0
PCB-1016 Peak 2	Ave	167.3	168.0		1000	1000	0.4	15.0
PCB-1016 Peak 3	Ave	114.9	119.6		1040	1000	4.1	15.0
PCB-1016 Peak 4	Ave	331.6	359.7		1080	1000	8.5	15.0
PCB-1016 Peak 5	Ave	120.3	123.8		1030	1000	2.9	15.0
PCB-1016 Peak 6	Ave	95.37	108.9		1140	1000	14.2	15.0
PCB-1016 Peak 7	Ave	127.6	134.4		1050	1000	5.4	15.0
PCB-1016 Peak 8	Ave	75.08	60.17		801	1000	-19.9*	15.0
PCB-1260 Peak 1	Ave	213.5	212.1		993	1000	-0.7	15.0
PCB-1260 Peak 2	Ave	373.0	368.7		989	1000	-1.1	15.0
PCB-1260 Peak 3	Ave	339.8	341.1		1000	1000	0.4	15.0
PCB-1260 Peak 4	Ave	149.8	153.8		1030	1000	2.7	15.0
PCB-1260 Peak 5	Ave	158.3	159.0		1000	1000	0.4	15.0
PCB-1260 Peak 6	Ave	214.8	188.6		878	1000	-12.2	15.0
PCB-1260 Peak 7	Ave	113.9	120.3		1060	1000	5.6	15.0
PCB-1260 Peak 8	Ave	100.6	106.4		1060	1000	5.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171032.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.46	2.60
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.41	3.55
PCB-1016 Peak 6	3.54	3.47	3.61
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.99	6.13
PCB-1260 Peak 4	6.21	6.14	6.28
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171032.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3903		105	100	1.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171032.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171053.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	95.18		985	1000	-1.5	15.0
PCB-1016 Peak 2	Ave	201.5	214.4		1060	1000	6.4	15.0
PCB-1016 Peak 3	Ave	93.89	109.2		1160	1000	16.3*	15.0
PCB-1016 Peak 4	Ave	364.0	401.0		1100	1000	10.2	15.0
PCB-1016 Peak 5	Ave	157.8	181.7		1150	1000	15.2*	15.0
PCB-1016 Peak 6	Ave	103.6	110.9		1070	1000	7.0	15.0
PCB-1016 Peak 7	Ave	107.1	121.9		1140	1000	13.8	15.0
PCB-1016 Peak 8	Ave	125.1	150.4		1200	1000	20.2*	15.0
PCB-1260 Peak 1	Ave	264.9	281.2		1060	1000	6.1	15.0
PCB-1260 Peak 2	Ave	294.9	316.0		1070	1000	7.2	15.0
PCB-1260 Peak 3	Ave	425.3	458.6		1080	1000	7.8	15.0
PCB-1260 Peak 4	Ave	200.2	216.5		1080	1000	8.2	15.0
PCB-1260 Peak 5	Ave	115.0	131.3		1140	1000	14.2	15.0
PCB-1260 Peak 6	Ave	226.9	245.1		1080	1000	8.0	15.0
PCB-1260 Peak 7	Ave	262.6	314.3		1200	1000	19.7*	15.0
PCB-1260 Peak 8	Ave	90.35	108.8		1200	1000	20.4*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171053.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.19	4.11	4.25
PCB-1016 Peak 5	4.36	4.28	4.42
PCB-1016 Peak 6	4.66	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.66	6.58	6.72
PCB-1260 Peak 2	7.02	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.05	7.97	8.11
PCB-1260 Peak 6	8.62	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171053.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3342		113	100	-8.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171053.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171053.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	97.37		999	1000	-0.0	15.0
PCB-1016 Peak 2	Ave	167.3	175.7		1050	1000	5.0	15.0
PCB-1016 Peak 3	Ave	114.9	126.8		1100	1000	10.3	15.0
PCB-1016 Peak 4	Ave	331.6	343.6		1040	1000	3.6	15.0
PCB-1016 Peak 5	Ave	120.3	126.5		1050	1000	5.2	15.0
PCB-1016 Peak 6	Ave	95.37	117.2		1230	1000	22.9*	15.0
PCB-1016 Peak 7	Ave	127.6	137.7		1080	1000	8.0	15.0
PCB-1016 Peak 8	Ave	75.08	85.70		1140	1000	14.2	15.0
PCB-1260 Peak 1	Ave	213.5	216.5		1010	1000	1.4	15.0
PCB-1260 Peak 2	Ave	373.0	375.5		1010	1000	0.7	15.0
PCB-1260 Peak 3	Ave	339.8	345.6		1020	1000	1.7	15.0
PCB-1260 Peak 4	Ave	149.8	156.1		1040	1000	4.2	15.0
PCB-1260 Peak 5	Ave	158.3	160.6		1010	1000	1.4	15.0
PCB-1260 Peak 6	Ave	214.8	185.4		863	1000	-13.7	15.0
PCB-1260 Peak 7	Ave	113.9	125.6		1100	1000	10.3	15.0
PCB-1260 Peak 8	Ave	100.6	107.9		1070	1000	7.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171053.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.46	2.60
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.41	3.55
PCB-1016 Peak 6	3.54	3.47	3.61
PCB-1016 Peak 7	3.93	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.99	6.13
PCB-1260 Peak 4	6.21	6.14	6.28
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171053.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3962		107	100	3.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171053.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69160/2 Calibration Date: 03/31/2011 17:40

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171055.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	100.4		1040	1000	3.9	15.0
PCB-1016 Peak 2	Ave	201.5	211.3		1050	1000	4.8	15.0
PCB-1016 Peak 3	Ave	93.89	103.7		1100	1000	10.4	15.0
PCB-1016 Peak 4	Ave	364.0	405.0		1110	1000	11.3	15.0
PCB-1016 Peak 5	Ave	157.8	183.0		1160	1000	16.0*	15.0
PCB-1016 Peak 6	Ave	103.6	94.34		910	1000	-9.0	15.0
PCB-1016 Peak 7	Ave	107.1	124.6		1160	1000	16.4*	15.0
PCB-1016 Peak 8	Ave	125.1	149.2		1190	1000	19.3*	15.0
PCB-1260 Peak 1	Ave	264.9	278.2		1050	1000	5.0	15.0
PCB-1260 Peak 2	Ave	294.9	313.9		1060	1000	6.4	15.0
PCB-1260 Peak 3	Ave	425.3	458.8		1080	1000	7.9	15.0
PCB-1260 Peak 4	Ave	200.2	216.3		1080	1000	8.0	15.0
PCB-1260 Peak 5	Ave	115.0	128.4		1120	1000	11.7	15.0
PCB-1260 Peak 6	Ave	226.9	248.0		1090	1000	9.3	15.0
PCB-1260 Peak 7	Ave	262.6	296.2		1130	1000	12.8	15.0
PCB-1260 Peak 8	Ave	90.35	108.4		1200	1000	20.0*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69160/2 Calibration Date: 03/31/2011 17:40

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171055.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.65	3.58	3.72
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.19	4.12	4.26
PCB-1016 Peak 5	4.36	4.29	4.43
PCB-1016 Peak 6	4.60	4.53	4.67
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.66	6.59	6.73
PCB-1260 Peak 2	7.02	6.95	7.09
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.05	7.98	8.12
PCB-1260 Peak 6	8.62	8.55	8.69
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69160/2 Calibration Date: 03/31/2011 17:40

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171055.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3327		112	100	-9.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69160/2 Calibration Date: 03/31/2011 17:40

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171055.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69160/2 Calibration Date: 03/31/2011 17:40

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171055.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	99.9		1030	1000	2.5	15.0
PCB-1016 Peak 2	Ave	167.3	179.2		1070	1000	7.1	15.0
PCB-1016 Peak 3	Ave	114.9	131.1		1140	1000	14.1	15.0
PCB-1016 Peak 4	Ave	331.6	379.2		1140	1000	14.4	15.0
PCB-1016 Peak 5	Ave	120.3	127.3		1060	1000	5.8	15.0
PCB-1016 Peak 6	Ave	95.37	122.4		1280	1000	28.4*	15.0
PCB-1016 Peak 7	Ave	127.6	143.8		1130	1000	12.7	15.0
PCB-1016 Peak 8	Ave	75.08	90.82		1210	1000	21.0*	15.0
PCB-1260 Peak 1	Ave	213.5	228.2		1070	1000	6.9	15.0
PCB-1260 Peak 2	Ave	373.0	391.4		1050	1000	4.9	15.0
PCB-1260 Peak 3	Ave	339.8	361.6		1060	1000	6.4	15.0
PCB-1260 Peak 4	Ave	149.8	161.4		1080	1000	7.7	15.0
PCB-1260 Peak 5	Ave	158.3	170.6		1080	1000	7.7	15.0
PCB-1260 Peak 6	Ave	214.8	296.6		1380	1000	38.1*	15.0
PCB-1260 Peak 7	Ave	113.9	134.3		1180	1000	17.9*	15.0
PCB-1260 Peak 8	Ave	100.6	110.4		1100	1000	9.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69160/2 Calibration Date: 03/31/2011 17:40

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171055.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.46	2.60
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.41	3.55
PCB-1016 Peak 6	3.54	3.47	3.61
PCB-1016 Peak 7	3.93	3.86	4.00
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.99	6.13
PCB-1260 Peak 4	6.21	6.14	6.28
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69160/2 Calibration Date: 03/31/2011 17:40

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171055.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	4043		109	100	5.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69160/2 Calibration Date: 03/31/2011 17:40

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171055.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69160/23 Calibration Date: 03/31/2011 23:21

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171076.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	103.5		1070	1000	7.2	15.0
PCB-1016 Peak 2	Ave	201.5	219.2		1090	1000	8.8	15.0
PCB-1016 Peak 3	Ave	93.89	109.8		1170	1000	16.9*	15.0
PCB-1016 Peak 4	Ave	364.0	407.5		1120	1000	12.0	15.0
PCB-1016 Peak 5	Ave	157.8	187.3		1190	1000	18.7*	15.0
PCB-1016 Peak 6	Ave	103.6	94.99		917	1000	-8.3	15.0
PCB-1016 Peak 7	Ave	107.1	125.7		1170	1000	17.4*	15.0
PCB-1016 Peak 8	Ave	125.1	156.8		1250	1000	25.4*	15.0
PCB-1260 Peak 1	Ave	264.9	285.3		1080	1000	7.7	15.0
PCB-1260 Peak 2	Ave	294.9	320.1		1090	1000	8.5	15.0
PCB-1260 Peak 3	Ave	425.3	461.4		1090	1000	8.5	15.0
PCB-1260 Peak 4	Ave	200.2	217.7		1090	1000	8.8	15.0
PCB-1260 Peak 5	Ave	115.0	132.6		1150	1000	15.4*	15.0
PCB-1260 Peak 6	Ave	226.9	246.0		1080	1000	8.4	15.0
PCB-1260 Peak 7	Ave	262.6	283.6		1080	1000	8.0	15.0
PCB-1260 Peak 8	Ave	90.35	108.5		1200	1000	20.1*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69160/23 Calibration Date: 03/31/2011 23:21

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171076.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.58	3.72
PCB-1016 Peak 3	3.92	3.86	4.00
PCB-1016 Peak 4	4.18	4.12	4.26
PCB-1016 Peak 5	4.35	4.29	4.43
PCB-1016 Peak 6	4.60	4.53	4.67
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.59	6.73
PCB-1260 Peak 2	7.01	6.95	7.09
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.98	8.12
PCB-1260 Peak 6	8.61	8.55	8.69
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69160/23 Calibration Date: 03/31/2011 23:21

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171076.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3372		114	100	-8.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69160/23 Calibration Date: 03/31/2011 23:21

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171076.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69160/23 Calibration Date: 03/31/2011 23:21

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171076.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	100.1		1030	1000	2.7	15.0
PCB-1016 Peak 2	Ave	167.3	179.9		1070	1000	7.5	15.0
PCB-1016 Peak 3	Ave	114.9	134.4		1170	1000	16.9*	15.0
PCB-1016 Peak 4	Ave	331.6	378.5		1140	1000	14.1	15.0
PCB-1016 Peak 5	Ave	120.3	128.8		1070	1000	7.0	15.0
PCB-1016 Peak 6	Ave	95.37	124.5		1310	1000	30.5*	15.0
PCB-1016 Peak 7	Ave	127.6	142.4		1120	1000	11.6	15.0
PCB-1016 Peak 8	Ave	75.08	94.24		1260	1000	25.5*	15.0
PCB-1260 Peak 1	Ave	213.5	225.5		1060	1000	5.6	15.0
PCB-1260 Peak 2	Ave	373.0	385.4		1030	1000	3.3	15.0
PCB-1260 Peak 3	Ave	339.8	357.1		1050	1000	5.1	15.0
PCB-1260 Peak 4	Ave	149.8	161.5		1080	1000	7.8	15.0
PCB-1260 Peak 5	Ave	158.3	170.1		1070	1000	7.5	15.0
PCB-1260 Peak 6	Ave	214.8	177.7		827	1000	-17.3*	15.0
PCB-1260 Peak 7	Ave	113.9	133.3		1170	1000	17.1*	15.0
PCB-1260 Peak 8	Ave	100.6	106.3		1060	1000	5.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69160/23 Calibration Date: 03/31/2011 23:21

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171076.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.52	2.46	2.60
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.41	3.55
PCB-1016 Peak 6	3.53	3.47	3.61
PCB-1016 Peak 7	3.92	3.86	4.00
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.99	6.13
PCB-1260 Peak 4	6.21	6.14	6.28
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69160/23 Calibration Date: 03/31/2011 23:21

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171076.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3998		108	100	4.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69160/23 Calibration Date: 03/31/2011 23:21

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171076.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171078.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	99.5		1030	1000	3.0	15.0
PCB-1016 Peak 2	Ave	201.5	211.6		1050	1000	5.0	15.0
PCB-1016 Peak 3	Ave	93.89	107.5		1140	1000	14.5	15.0
PCB-1016 Peak 4	Ave	364.0	404.1		1110	1000	11.0	15.0
PCB-1016 Peak 5	Ave	157.8	182.9		1160	1000	15.9*	15.0
PCB-1016 Peak 6	Ave	103.6	111.0		1070	1000	7.1	15.0
PCB-1016 Peak 7	Ave	107.1	128.1		1200	1000	19.6*	15.0
PCB-1016 Peak 8	Ave	125.1	151.0		1210	1000	20.7*	15.0
PCB-1260 Peak 1	Ave	264.9	279.3		1050	1000	5.4	15.0
PCB-1260 Peak 2	Ave	294.9	313.8		1060	1000	6.4	15.0
PCB-1260 Peak 3	Ave	425.3	445.2		1050	1000	4.7	15.0
PCB-1260 Peak 4	Ave	200.2	212.3		1060	1000	6.1	15.0
PCB-1260 Peak 5	Ave	115.0	126.5		1100	1000	10.0	15.0
PCB-1260 Peak 6	Ave	226.9	242.1		1070	1000	6.7	15.0
PCB-1260 Peak 7	Ave	262.6	284.5		1080	1000	8.3	15.0
PCB-1260 Peak 8	Ave	90.35	106.7		1180	1000	18.1*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171078.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.19	4.11	4.25
PCB-1016 Peak 5	4.36	4.28	4.42
PCB-1016 Peak 6	4.66	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.62	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171078.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3391		114	100	-7.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171078.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171078.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	98.63		1010	1000	1.2	15.0
PCB-1016 Peak 2	Ave	167.3	176.7		1060	1000	5.6	15.0
PCB-1016 Peak 3	Ave	114.9	128.1		1110	1000	11.5	15.0
PCB-1016 Peak 4	Ave	331.6	374.3		1130	1000	12.9	15.0
PCB-1016 Peak 5	Ave	120.3	128.4		1070	1000	6.7	15.0
PCB-1016 Peak 6	Ave	95.37	120.3		1260	1000	26.2*	15.0
PCB-1016 Peak 7	Ave	127.6	137.7		1080	1000	8.0	15.0
PCB-1016 Peak 8	Ave	75.08	88.30		1180	1000	17.6*	15.0
PCB-1260 Peak 1	Ave	213.5	217.0		1020	1000	1.6	15.0
PCB-1260 Peak 2	Ave	373.0	377.2		1010	1000	1.1	15.0
PCB-1260 Peak 3	Ave	339.8	347.9		1020	1000	2.4	15.0
PCB-1260 Peak 4	Ave	149.8	157.8		1050	1000	5.4	15.0
PCB-1260 Peak 5	Ave	158.3	142.7		901	1000	-9.9	15.0
PCB-1260 Peak 6	Ave	214.8	175.7		818	1000	-18.2*	15.0
PCB-1260 Peak 7	Ave	113.9	125.9		1110	1000	10.5	15.0
PCB-1260 Peak 8	Ave	100.6	108.0		1070	1000	7.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171078.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.52	2.46	2.60
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.41	3.55
PCB-1016 Peak 6	3.53	3.47	3.61
PCB-1016 Peak 7	3.92	3.86	4.00
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.05	5.99	6.13
PCB-1260 Peak 4	6.20	6.14	6.28
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171078.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	4028		109	100	4.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171078.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171094.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	102.8		1060	1000	6.4	15.0
PCB-1016 Peak 2	Ave	201.5	218.1		1080	1000	8.2	15.0
PCB-1016 Peak 3	Ave	93.89	108.4		1150	1000	15.5*	15.0
PCB-1016 Peak 4	Ave	364.0	397.9		1090	1000	9.3	15.0
PCB-1016 Peak 5	Ave	157.8	178.3		1130	1000	13.0	15.0
PCB-1016 Peak 6	Ave	103.6	108.0		1040	1000	4.2	15.0
PCB-1016 Peak 7	Ave	107.1	115.0		1070	1000	7.3	15.0
PCB-1016 Peak 8	Ave	125.1	140.9		1130	1000	12.6	15.0
PCB-1260 Peak 1	Ave	264.9	272.5		1030	1000	2.9	15.0
PCB-1260 Peak 2	Ave	294.9	306.8		1040	1000	4.0	15.0
PCB-1260 Peak 3	Ave	425.3	452.2		1060	1000	6.3	15.0
PCB-1260 Peak 4	Ave	200.2	213.9		1070	1000	6.8	15.0
PCB-1260 Peak 5	Ave	115.0	127.9		1110	1000	11.2	15.0
PCB-1260 Peak 6	Ave	226.9	243.9		1070	1000	7.5	15.0
PCB-1260 Peak 7	Ave	262.6	271.6		1030	1000	3.4	15.0
PCB-1260 Peak 8	Ave	90.35	105.8		1170	1000	17.1*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171094.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.92	3.85	3.99
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.61	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.20	10.13	10.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171094.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3363		113	100	-8.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171094.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171094.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	97.81		1000	1000	0.4	15.0
PCB-1016 Peak 2	Ave	167.3	176.8		1060	1000	5.6	15.0
PCB-1016 Peak 3	Ave	114.9	128.4		1120	1000	11.7	15.0
PCB-1016 Peak 4	Ave	331.6	370.5		1120	1000	11.7	15.0
PCB-1016 Peak 5	Ave	120.3	126.5		1050	1000	5.2	15.0
PCB-1016 Peak 6	Ave	95.37	109.5		1150	1000	14.9	15.0
PCB-1016 Peak 7	Ave	127.6	137.1		1070	1000	7.5	15.0
PCB-1016 Peak 8	Ave	75.08	77.63		1030	1000	3.4	15.0
PCB-1260 Peak 1	Ave	213.5	216.3		1010	1000	1.3	15.0
PCB-1260 Peak 2	Ave	373.0	375.5		1010	1000	0.7	15.0
PCB-1260 Peak 3	Ave	339.8	347.4		1020	1000	2.3	15.0
PCB-1260 Peak 4	Ave	149.8	157.2		1050	1000	5.0	15.0
PCB-1260 Peak 5	Ave	158.3	163.7		1030	1000	3.4	15.0
PCB-1260 Peak 6	Ave	214.8	190.2		886	1000	-11.4	15.0
PCB-1260 Peak 7	Ave	113.9	130.2		1140	1000	14.3	15.0
PCB-1260 Peak 8	Ave	100.6	111.5		1110	1000	10.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171094.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.52	2.45	2.59
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.47	3.40	3.54
PCB-1016 Peak 6	3.53	3.46	3.60
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.05	5.98	6.12
PCB-1260 Peak 4	6.20	6.13	6.27
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171094.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3967		107	100	3.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171094.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171114.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	99.29		1030	1000	2.8	15.0
PCB-1016 Peak 2	Ave	201.5	210.7		1050	1000	4.5	15.0
PCB-1016 Peak 3	Ave	93.89	102.9		1100	1000	9.6	15.0
PCB-1016 Peak 4	Ave	364.0	393.8		1080	1000	8.2	15.0
PCB-1016 Peak 5	Ave	157.8	174.8		1110	1000	10.8	15.0
PCB-1016 Peak 6	Ave	103.6	113.6		1100	1000	9.7	15.0
PCB-1016 Peak 7	Ave	107.1	116.2		1090	1000	8.5	15.0
PCB-1016 Peak 8	Ave	125.1	141.9		1130	1000	13.4	15.0
PCB-1260 Peak 1	Ave	264.9	265.0		1000	1000	0.0	15.0
PCB-1260 Peak 2	Ave	294.9	298.7		1010	1000	1.3	15.0
PCB-1260 Peak 3	Ave	425.3	440.5		1040	1000	3.6	15.0
PCB-1260 Peak 4	Ave	200.2	205.0		1020	1000	2.4	15.0
PCB-1260 Peak 5	Ave	115.0	121.2		1050	1000	5.4	15.0
PCB-1260 Peak 6	Ave	226.9	237.1		1040	1000	4.5	15.0
PCB-1260 Peak 7	Ave	262.6	326.9		1240	1000	24.5*	15.0
PCB-1260 Peak 8	Ave	90.35	101.4		1120	1000	12.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171114.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.92	3.85	3.99
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.61	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.13	10.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171114.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3189		107	100	-13.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171114.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171114.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	97.59		1000	1000	0.2	15.0
PCB-1016 Peak 2	Ave	167.3	174.4		1040	1000	4.2	15.0
PCB-1016 Peak 3	Ave	114.9	126.9		1100	1000	10.4	15.0
PCB-1016 Peak 4	Ave	331.6	378.6		1140	1000	14.2	15.0
PCB-1016 Peak 5	Ave	120.3	127.0		1060	1000	5.5	15.0
PCB-1016 Peak 6	Ave	95.37	109.7		1150	1000	15.1*	15.0
PCB-1016 Peak 7	Ave	127.6	139.8		1100	1000	9.6	15.0
PCB-1016 Peak 8	Ave	75.08	84.38		1120	1000	12.4	15.0
PCB-1260 Peak 1	Ave	213.5	220.4		1030	1000	3.2	15.0
PCB-1260 Peak 2	Ave	373.0	381.3		1020	1000	2.2	15.0
PCB-1260 Peak 3	Ave	339.8	355.9		1050	1000	4.8	15.0
PCB-1260 Peak 4	Ave	149.8	156.7		1050	1000	4.6	15.0
PCB-1260 Peak 5	Ave	158.3	275.9		1740	1000	74.3*	15.0
PCB-1260 Peak 6	Ave	214.8	294.7		1370	1000	37.2*	15.0
PCB-1260 Peak 7	Ave	113.9	131.4		1150	1000	15.4*	15.0
PCB-1260 Peak 8	Ave	100.6	108.0		1070	1000	7.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171114.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.52	2.45	2.59
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.05	2.99	3.13
PCB-1016 Peak 4	3.32	3.26	3.40
PCB-1016 Peak 5	3.47	3.40	3.54
PCB-1016 Peak 6	3.53	3.46	3.60
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.35	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.05	5.98	6.12
PCB-1260 Peak 4	6.20	6.13	6.27
PCB-1260 Peak 5	6.55	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.95	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171114.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3907		105	100	1.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69334/2 Calibration Date: 04/01/2011 10:27

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171114.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171134.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	93.57		968	1000	-3.2	15.0
PCB-1016 Peak 2	Ave	201.5	192.9		957	1000	-4.3	15.0
PCB-1016 Peak 3	Ave	93.89	93.67		998	1000	-0.2	15.0
PCB-1016 Peak 4	Ave	364.0	363.2		998	1000	-0.2	15.0
PCB-1016 Peak 5	Ave	157.8	164.3		1040	1000	4.1	15.0
PCB-1016 Peak 6	Ave	103.6	101.4		978	1000	-2.2	15.0
PCB-1016 Peak 7	Ave	107.1	114.4		1070	1000	6.8	15.0
PCB-1016 Peak 8	Ave	125.1	133.7		1070	1000	6.9	15.0
PCB-1260 Peak 1	Ave	264.9	246.9		932	1000	-6.8	15.0
PCB-1260 Peak 2	Ave	294.9	275.1		933	1000	-6.7	15.0
PCB-1260 Peak 3	Ave	425.3	398.2		936	1000	-6.4	15.0
PCB-1260 Peak 4	Ave	200.2	186.3		930	1000	-7.0	15.0
PCB-1260 Peak 5	Ave	115.0	109.1		949	1000	-5.1	15.0
PCB-1260 Peak 6	Ave	226.9	208.1		917	1000	-8.3	15.0
PCB-1260 Peak 7	Ave	262.6	253.6		966	1000	-3.4	15.0
PCB-1260 Peak 8	Ave	90.35	90.01		996	1000	-0.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171134.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.85	3.99
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.61	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.13	10.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171134.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	2909		98.0	100	-20.7*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171134.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171134.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	88.49		908	1000	-9.2	15.0
PCB-1016 Peak 2	Ave	167.3	162.0		968	1000	-3.2	15.0
PCB-1016 Peak 3	Ave	114.9	116.9		1020	1000	1.8	15.0
PCB-1016 Peak 4	Ave	331.6	318.0		959	1000	-4.1	15.0
PCB-1016 Peak 5	Ave	120.3	118.5		985	1000	-1.5	15.0
PCB-1016 Peak 6	Ave	95.37	105.8		1110	1000	11.0	15.0
PCB-1016 Peak 7	Ave	127.6	126.7		994	1000	-0.6	15.0
PCB-1016 Peak 8	Ave	75.08	71.19		948	1000	-5.2	15.0
PCB-1260 Peak 1	Ave	213.5	202.0		946	1000	-5.4	15.0
PCB-1260 Peak 2	Ave	373.0	350.0		938	1000	-6.2	15.0
PCB-1260 Peak 3	Ave	339.8	321.2		945	1000	-5.5	15.0
PCB-1260 Peak 4	Ave	149.8	148.7		993	1000	-0.7	15.0
PCB-1260 Peak 5	Ave	158.3	157.0		991	1000	-0.9	15.0
PCB-1260 Peak 6	Ave	214.8	169.7		790	1000	-21.0*	15.0
PCB-1260 Peak 7	Ave	113.9	116.6		1020	1000	2.4	15.0
PCB-1260 Peak 8	Ave	100.6	99.16		986	1000	-1.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171134.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.45	2.59
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.40	3.54
PCB-1016 Peak 6	3.53	3.46	3.60
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.98	6.12
PCB-1260 Peak 4	6.20	6.13	6.27
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171134.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3621		97.7	100	-5.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69334/22 Calibration Date: 04/01/2011 20:24

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171134.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171136.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	101.9		1050	1000	5.4	15.0
PCB-1016 Peak 2	Ave	201.5	207.3		1030	1000	2.9	15.0
PCB-1016 Peak 3	Ave	93.89	102.8		1090	1000	9.4	15.0
PCB-1016 Peak 4	Ave	364.0	373.5		1030	1000	2.6	15.0
PCB-1016 Peak 5	Ave	157.8	171.8		1090	1000	8.9	15.0
PCB-1016 Peak 6	Ave	103.6	107.3		1040	1000	3.6	15.0
PCB-1016 Peak 7	Ave	107.1	125.6		1170	1000	17.3*	15.0
PCB-1016 Peak 8	Ave	125.1	144.6		1160	1000	15.6*	15.0
PCB-1260 Peak 1	Ave	264.9	262.6		991	1000	-0.9	15.0
PCB-1260 Peak 2	Ave	294.9	293.8		996	1000	-0.4	15.0
PCB-1260 Peak 3	Ave	425.3	422.9		995	1000	-0.5	15.0
PCB-1260 Peak 4	Ave	200.2	198.9		993	1000	-0.7	15.0
PCB-1260 Peak 5	Ave	115.0	121.1		1050	1000	5.3	15.0
PCB-1260 Peak 6	Ave	226.9	223.5		985	1000	-1.5	15.0
PCB-1260 Peak 7	Ave	262.6	322.8		1230	1000	22.9*	15.0
PCB-1260 Peak 8	Ave	90.35	93.95		1040	1000	4.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171136.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.85	3.99
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.61	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.13	10.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171136.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	2981		100	100	-18.7*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171136.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171136.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	87.87		902	1000	-9.8	15.0
PCB-1016 Peak 2	Ave	167.3	162.7		972	1000	-2.8	15.0
PCB-1016 Peak 3	Ave	114.9	117.8		1030	1000	2.5	15.0
PCB-1016 Peak 4	Ave	331.6	342.3		1030	1000	3.2	15.0
PCB-1016 Peak 5	Ave	120.3	119.6		994	1000	-0.6	15.0
PCB-1016 Peak 6	Ave	95.37	107.5		1130	1000	12.7	15.0
PCB-1016 Peak 7	Ave	127.6	129.6		1020	1000	1.6	15.0
PCB-1016 Peak 8	Ave	75.08	128.5		1710	1000	71.2*	15.0
PCB-1260 Peak 1	Ave	213.5	206.5		968	1000	-3.2	15.0
PCB-1260 Peak 2	Ave	373.0	355.5		953	1000	-4.7	15.0
PCB-1260 Peak 3	Ave	339.8	327.4		964	1000	-3.6	15.0
PCB-1260 Peak 4	Ave	149.8	148.7		993	1000	-0.7	15.0
PCB-1260 Peak 5	Ave	158.3	154.4		976	1000	-2.4	15.0
PCB-1260 Peak 6	Ave	214.8	169.4		789	1000	-21.1*	15.0
PCB-1260 Peak 7	Ave	113.9	117.8		1030	1000	3.4	15.0
PCB-1260 Peak 8	Ave	100.6	97.99		974	1000	-2.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171136.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.45	2.59
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.40	3.54
PCB-1016 Peak 6	3.53	3.46	3.60
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.98	6.12
PCB-1260 Peak 4	6.20	6.13	6.27
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171136.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3667		98.9	100	-4.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69307/2 Calibration Date: 04/01/2011 20:56

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171136.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171153.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	97.59		1010	1000	1.0	15.0
PCB-1016 Peak 2	Ave	201.5	202.8		1010	1000	0.6	15.0
PCB-1016 Peak 3	Ave	93.89	95.45		1020	1000	1.7	15.0
PCB-1016 Peak 4	Ave	364.0	379.7		1040	1000	4.3	15.0
PCB-1016 Peak 5	Ave	157.8	172.9		1100	1000	9.6	15.0
PCB-1016 Peak 6	Ave	103.6	114.5		1110	1000	10.5	15.0
PCB-1016 Peak 7	Ave	107.1	109.8		1030	1000	2.6	15.0
PCB-1016 Peak 8	Ave	125.1	142.8		1140	1000	14.2	15.0
PCB-1260 Peak 1	Ave	264.9	254.8		962	1000	-3.8	15.0
PCB-1260 Peak 2	Ave	294.9	281.2		953	1000	-4.7	15.0
PCB-1260 Peak 3	Ave	425.3	407.7		959	1000	-4.1	15.0
PCB-1260 Peak 4	Ave	200.2	191.6		957	1000	-4.3	15.0
PCB-1260 Peak 5	Ave	115.0	111.7		971	1000	-2.9	15.0
PCB-1260 Peak 6	Ave	226.9	222.1		979	1000	-2.1	15.0
PCB-1260 Peak 7	Ave	262.6	286.8		1090	1000	9.2	15.0
PCB-1260 Peak 8	Ave	90.35	88.04		974	1000	-2.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171153.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.92	3.85	3.99
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.62	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.13	10.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171153.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3015		102	100	-17.8*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171153.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171153.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	85.02		873	1000	-12.7	15.0
PCB-1016 Peak 2	Ave	167.3	160.7		960	1000	-4.0	15.0
PCB-1016 Peak 3	Ave	114.9	113.4		987	1000	-1.3	15.0
PCB-1016 Peak 4	Ave	331.6	343.6		1040	1000	3.6	15.0
PCB-1016 Peak 5	Ave	120.3	119.6		994	1000	-0.6	15.0
PCB-1016 Peak 6	Ave	95.37	102.7		1080	1000	7.7	15.0
PCB-1016 Peak 7	Ave	127.6	127.0		996	1000	-0.4	15.0
PCB-1016 Peak 8	Ave	75.08	60.14		801	1000	-19.9*	15.0
PCB-1260 Peak 1	Ave	213.5	205.8		964	1000	-3.6	15.0
PCB-1260 Peak 2	Ave	373.0	356.9		957	1000	-4.3	15.0
PCB-1260 Peak 3	Ave	339.8	327.0		962	1000	-3.8	15.0
PCB-1260 Peak 4	Ave	149.8	149.5		998	1000	-0.2	15.0
PCB-1260 Peak 5	Ave	158.3	154.8		978	1000	-2.2	15.0
PCB-1260 Peak 6	Ave	214.8	195.3		909	1000	-9.1	15.0
PCB-1260 Peak 7	Ave	113.9	112.0		983	1000	-1.7	15.0
PCB-1260 Peak 8	Ave	100.6	101.0		1000	1000	0.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171153.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.52	2.45	2.59
PCB-1016 Peak 2	2.85	2.79	2.93
PCB-1016 Peak 3	3.05	2.99	3.13
PCB-1016 Peak 4	3.32	3.26	3.40
PCB-1016 Peak 5	3.47	3.40	3.54
PCB-1016 Peak 6	3.53	3.46	3.60
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.04	3.98	4.12
PCB-1260 Peak 1	5.35	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.05	5.98	6.12
PCB-1260 Peak 4	6.20	6.13	6.27
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171153.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3739		101	100	-2.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69307/19 Calibration Date: 04/02/2011 02:50

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171153.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69331/2 Calibration Date: 04/02/2011 03:24

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171155.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	101.8		1050	1000	5.3	15.0
PCB-1016 Peak 2	Ave	201.5	203.6		1010	1000	1.0	15.0
PCB-1016 Peak 3	Ave	93.89	104.7		1120	1000	11.5	15.0
PCB-1016 Peak 4	Ave	364.0	379.9		1040	1000	4.4	15.0
PCB-1016 Peak 5	Ave	157.8	171.4		1090	1000	8.6	15.0
PCB-1016 Peak 6	Ave	103.6	108.0		1040	1000	4.2	15.0
PCB-1016 Peak 7	Ave	107.1	115.9		1080	1000	8.2	15.0
PCB-1016 Peak 8	Ave	125.1	140.9		1130	1000	12.6	15.0
PCB-1260 Peak 1	Ave	264.9	258.6		976	1000	-2.4	15.0
PCB-1260 Peak 2	Ave	294.9	288.3		978	1000	-2.2	15.0
PCB-1260 Peak 3	Ave	425.3	418.5		984	1000	-1.6	15.0
PCB-1260 Peak 4	Ave	200.2	195.8		978	1000	-2.2	15.0
PCB-1260 Peak 5	Ave	115.0	115.7		1010	1000	0.7	15.0
PCB-1260 Peak 6	Ave	226.9	224.9		991	1000	-0.9	15.0
PCB-1260 Peak 7	Ave	262.6	267.4		1020	1000	1.8	15.0
PCB-1260 Peak 8	Ave	90.35	97.66		1080	1000	8.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69331/2 Calibration Date: 04/02/2011 03:24

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171155.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.85	3.99
PCB-1016 Peak 4	4.19	4.11	4.25
PCB-1016 Peak 5	4.36	4.28	4.42
PCB-1016 Peak 6	4.66	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.02	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.05	7.97	8.11
PCB-1260 Peak 6	8.62	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.13	10.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69331/2 Calibration Date: 04/02/2011 03:24

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171155.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3134		106	100	-14.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69331/2 Calibration Date: 04/02/2011 03:24

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171155.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69331/2 Calibration Date: 04/02/2011 03:24

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171155.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	91.85		943	1000	-5.7	15.0
PCB-1016 Peak 2	Ave	167.3	168.8		1010	1000	0.9	15.0
PCB-1016 Peak 3	Ave	114.9	122.8		1070	1000	6.9	15.0
PCB-1016 Peak 4	Ave	331.6	354.1		1070	1000	6.8	15.0
PCB-1016 Peak 5	Ave	120.3	124.0		1030	1000	3.1	15.0
PCB-1016 Peak 6	Ave	95.37	107.9		1130	1000	13.1	15.0
PCB-1016 Peak 7	Ave	127.6	132.8		1040	1000	4.1	15.0
PCB-1016 Peak 8	Ave	75.08	133.6		1780	1000	77.9*	15.0
PCB-1260 Peak 1	Ave	213.5	214.2		1000	1000	0.4	15.0
PCB-1260 Peak 2	Ave	373.0	367.1		984	1000	-1.6	15.0
PCB-1260 Peak 3	Ave	339.8	337.8		994	1000	-0.6	15.0
PCB-1260 Peak 4	Ave	149.8	152.9		1020	1000	2.1	15.0
PCB-1260 Peak 5	Ave	158.3	159.9		1010	1000	1.0	15.0
PCB-1260 Peak 6	Ave	214.8	279.6		1300	1000	30.2*	15.0
PCB-1260 Peak 7	Ave	113.9	124.9		1100	1000	9.7	15.0
PCB-1260 Peak 8	Ave	100.6	103.5		1030	1000	2.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69331/2 Calibration Date: 04/02/2011 03:24

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171155.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.45	2.59
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.40	3.54
PCB-1016 Peak 6	3.53	3.46	3.60
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.98	6.12
PCB-1260 Peak 4	6.21	6.13	6.27
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69331/2 Calibration Date: 04/02/2011 03:24

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171155.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3805		103	100	-1.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69331/2 Calibration Date: 04/02/2011 03:24

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171155.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69331/10 Calibration Date: 04/02/2011 05:36

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171163.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	96.62	102.9		1060	1000	6.5	15.0
PCB-1016 Peak 2	Ave	201.5	193.9		962	1000	-3.8	15.0
PCB-1016 Peak 3	Ave	93.89	90.45		963	1000	-3.7	15.0
PCB-1016 Peak 4	Ave	364.0	369.3		1010	1000	1.5	15.0
PCB-1016 Peak 5	Ave	157.8	166.8		1060	1000	5.7	15.0
PCB-1016 Peak 6	Ave	103.6	110.8		1070	1000	6.9	15.0
PCB-1016 Peak 7	Ave	107.1	114.0		1060	1000	6.4	15.0
PCB-1016 Peak 8	Ave	125.1	139.2		1110	1000	11.2	15.0
PCB-1260 Peak 1	Ave	264.9	259.0		978	1000	-2.2	15.0
PCB-1260 Peak 2	Ave	294.9	290.1		984	1000	-1.6	15.0
PCB-1260 Peak 3	Ave	425.3	421.1		990	1000	-1.0	15.0
PCB-1260 Peak 4	Ave	200.2	198.3		990	1000	-1.0	15.0
PCB-1260 Peak 5	Ave	115.0	116.8		1020	1000	1.6	15.0
PCB-1260 Peak 6	Ave	226.9	221.4		976	1000	-2.4	15.0
PCB-1260 Peak 7	Ave	262.6	285.6		1090	1000	8.7	15.0
PCB-1260 Peak 8	Ave	90.35	102.9		1140	1000	13.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69331/10 Calibration Date: 04/02/2011 05:36

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171163.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.85	3.99
PCB-1016 Peak 4	4.19	4.11	4.25
PCB-1016 Peak 5	4.36	4.28	4.42
PCB-1016 Peak 6	4.66	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.66	6.58	6.72
PCB-1260 Peak 2	7.02	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.05	7.97	8.11
PCB-1260 Peak 6	8.62	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.13	10.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69331/10 Calibration Date: 04/02/2011 05:36

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171163.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3147		106	100	-14.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69331/10 Calibration Date: 04/02/2011 05:36

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171163.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69331/10 Calibration Date: 04/02/2011 05:36

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171163.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	97.42	91.51		939	1000	-6.1	15.0
PCB-1016 Peak 2	Ave	167.3	167.1		999	1000	-0.1	15.0
PCB-1016 Peak 3	Ave	114.9	122.7		1070	1000	6.8	15.0
PCB-1016 Peak 4	Ave	331.6	347.7		1050	1000	4.8	15.0
PCB-1016 Peak 5	Ave	120.3	122.0		1010	1000	1.4	15.0
PCB-1016 Peak 6	Ave	95.37	106.9		1120	1000	12.1	15.0
PCB-1016 Peak 7	Ave	127.6	130.9		1030	1000	2.6	15.0
PCB-1016 Peak 8	Ave	75.08	131.8		1760	1000	75.6*	15.0
PCB-1260 Peak 1	Ave	213.5	208.3		976	1000	-2.4	15.0
PCB-1260 Peak 2	Ave	373.0	357.0		957	1000	-4.3	15.0
PCB-1260 Peak 3	Ave	339.8	328.5		967	1000	-3.3	15.0
PCB-1260 Peak 4	Ave	149.8	148.7		993	1000	-0.7	15.0
PCB-1260 Peak 5	Ave	158.3	259.0		1640	1000	63.6*	15.0
PCB-1260 Peak 6	Ave	214.8	269.2		1250	1000	25.3*	15.0
PCB-1260 Peak 7	Ave	113.9	120.0		1050	1000	5.4	15.0
PCB-1260 Peak 8	Ave	100.6	100.1		996	1000	-0.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69331/10 Calibration Date: 04/02/2011 05:36

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171163.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.45	2.59
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.40	3.54
PCB-1016 Peak 6	3.54	3.46	3.60
PCB-1016 Peak 7	3.93	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.71	5.63	5.77
PCB-1260 Peak 3	6.06	5.98	6.12
PCB-1260 Peak 4	6.21	6.13	6.27
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69331/10 Calibration Date: 04/02/2011 05:36

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171163.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3684		99.4	100	-4.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69331/10 Calibration Date: 04/02/2011 05:36

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171163.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69158/2 Calibration Date: 03/31/2011 14:17

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qf082594.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	6115	6873		1120	1000	12.4	15.0
PCB-1016 Peak 2	Ave	11639	11322		973	1000	-2.7	15.0
PCB-1016 Peak 3	Ave	7459	7562		1010	1000	1.4	15.0
PCB-1016 Peak 4	Ave	22708	22116		974	1000	-2.6	15.0
PCB-1016 Peak 5	Ave	10181	10011		983	1000	-1.7	15.0
PCB-1016 Peak 6	Ave	7919	7991		1010	1000	0.9	15.0
PCB-1016 Peak 7	Ave	10497	10438		994	1000	-0.6	15.0
PCB-1016 Peak 8	Ave	7131	7349		1030	1000	3.1	15.0
PCB-1260 Peak 1	Ave	16957	16255		959	1000	-4.1	15.0
PCB-1260 Peak 2	Ave	21576	20668		958	1000	-4.2	15.0
PCB-1260 Peak 3	Ave	26558	26156		985	1000	-1.5	15.0
PCB-1260 Peak 4	Ave	15949	15423		967	1000	-3.3	15.0
PCB-1260 Peak 5	Ave	8407	8089		962	1000	-3.8	15.0
PCB-1260 Peak 6	Ave	14290	13948		976	1000	-2.4	15.0
PCB-1260 Peak 7	Ave	20970	20290		968	1000	-3.2	15.0
PCB-1260 Peak 8	Ave	6769	6108		902	1000	-9.8	15.0
DCB Decachlorobiphenyl	Ave	227865	196983		86.4	100	-13.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69158/2 Calibration Date: 03/31/2011 14:17

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qf082594.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	1.57	1.50	1.64
PCB-1016 Peak 2	1.94	1.87	2.01
PCB-1016 Peak 3	2.16	2.09	2.23
PCB-1016 Peak 4	2.40	2.33	2.47
PCB-1016 Peak 5	2.54	2.47	2.61
PCB-1016 Peak 6	2.66	2.59	2.73
PCB-1016 Peak 7	3.10	3.03	3.17
PCB-1016 Peak 8	3.28	3.21	3.35
PCB-1260 Peak 1	5.48	5.42	5.56
PCB-1260 Peak 2	5.88	5.82	5.96
PCB-1260 Peak 3	6.54	6.48	6.62
PCB-1260 Peak 4	6.75	6.69	6.83
PCB-1260 Peak 5	6.87	6.80	6.94
PCB-1260 Peak 6	7.42	7.35	7.49
PCB-1260 Peak 7	8.93	8.87	9.01
PCB-1260 Peak 8	9.74	9.67	9.81
DCB Decachlorobiphenyl	10.33	10.23	10.43

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69158/2 Calibration Date: 03/31/2011 14:17

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qr082594.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	6745	5162		765	1000	-23.5*	15.0
PCB-1016 Peak 2	Ave	12676	11978		945	1000	-5.5	15.0
PCB-1016 Peak 3	Ave	9479	9022		952	1000	-4.8	15.0
PCB-1016 Peak 4	Ave	29275	27881		952	1000	-4.8	15.0
PCB-1016 Peak 5	Ave	10379	10140		977	1000	-2.3	15.0
PCB-1016 Peak 6	Ave	17735	17375		980	1000	-2.0	15.0
PCB-1016 Peak 7	Ave	10426	10389		997	1000	-0.3	15.0
PCB-1016 Peak 8	Ave	10175	10166		999	1000	-0.0	15.0
PCB-1260 Peak 1	Ave	18608	17234		926	1000	-7.4	15.0
PCB-1260 Peak 2	Ave	35727	33824		947	1000	-5.3	15.0
PCB-1260 Peak 3	Ave	29875	29491		987	1000	-1.3	15.0
PCB-1260 Peak 4	Ave	18240	17802		976	1000	-2.4	15.0
PCB-1260 Peak 5	Ave	12112	23084		1910	1000	90.6*	15.0
PCB-1260 Peak 6	Ave	15380	15979		1040	1000	3.9	15.0
PCB-1260 Peak 7	Ave	11903	11733		986	1000	-1.4	15.0
PCB-1260 Peak 8	Ave	8370	8765		1050	1000	4.7	15.0
DCB Decachlorobiphenyl	Ave	352173	320105		90.9	100	-9.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69158/2 Calibration Date: 03/31/2011 14:17

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qr082594.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	1.21	1.14	1.28
PCB-1016 Peak 2	1.46	1.39	1.53
PCB-1016 Peak 3	1.61	1.54	1.68
PCB-1016 Peak 4	1.83	1.76	1.90
PCB-1016 Peak 5	1.95	1.88	2.02
PCB-1016 Peak 6	2.14	2.07	2.21
PCB-1016 Peak 7	2.33	2.26	2.40
PCB-1016 Peak 8	2.72	2.65	2.79
PCB-1260 Peak 1	3.96	3.89	4.03
PCB-1260 Peak 2	4.52	4.45	4.59
PCB-1260 Peak 3	5.03	4.97	5.11
PCB-1260 Peak 4	5.25	5.18	5.32
PCB-1260 Peak 5	5.67	5.61	5.75
PCB-1260 Peak 6	6.78	6.72	6.86
PCB-1260 Peak 7	6.96	6.90	7.04
PCB-1260 Peak 8	8.34	8.28	8.42
DCB Decachlorobiphenyl	9.23	9.13	9.33

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69158/24 Calibration Date: 03/31/2011 20:11

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qf082616.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	6115	5742		939	1000	-6.1	15.0
PCB-1016 Peak 2	Ave	11639	11309		972	1000	-2.8	15.0
PCB-1016 Peak 3	Ave	7459	7566		1010	1000	1.4	15.0
PCB-1016 Peak 4	Ave	22708	22352		984	1000	-1.6	15.0
PCB-1016 Peak 5	Ave	10181	10230		1000	1000	0.5	15.0
PCB-1016 Peak 6	Ave	7919	8118		1030	1000	2.5	15.0
PCB-1016 Peak 7	Ave	10497	10753		1020	1000	2.4	15.0
PCB-1016 Peak 8	Ave	7131	7668		1080	1000	7.5	15.0
PCB-1260 Peak 1	Ave	16957	16069		948	1000	-5.2	15.0
PCB-1260 Peak 2	Ave	21576	20353		943	1000	-5.7	15.0
PCB-1260 Peak 3	Ave	26558	26053		981	1000	-1.9	15.0
PCB-1260 Peak 4	Ave	15949	15346		962	1000	-3.8	15.0
PCB-1260 Peak 5	Ave	8407	8229		979	1000	-2.1	15.0
PCB-1260 Peak 6	Ave	14290	14091		986	1000	-1.4	15.0
PCB-1260 Peak 7	Ave	20970	19862		947	1000	-5.3	15.0
PCB-1260 Peak 8	Ave	6769	5989		885	1000	-11.5	15.0
DCB Decachlorobiphenyl	Ave	227865	203474		89.3	100	-10.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69158/24 Calibration Date: 03/31/2011 20:11

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qf082616.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	1.56	1.50	1.64
PCB-1016 Peak 2	1.93	1.87	2.01
PCB-1016 Peak 3	2.16	2.09	2.23
PCB-1016 Peak 4	2.40	2.33	2.47
PCB-1016 Peak 5	2.54	2.47	2.61
PCB-1016 Peak 6	2.66	2.59	2.73
PCB-1016 Peak 7	3.10	3.03	3.17
PCB-1016 Peak 8	3.27	3.21	3.35
PCB-1260 Peak 1	5.48	5.42	5.56
PCB-1260 Peak 2	5.88	5.82	5.96
PCB-1260 Peak 3	6.54	6.48	6.62
PCB-1260 Peak 4	6.75	6.69	6.83
PCB-1260 Peak 5	6.87	6.80	6.94
PCB-1260 Peak 6	7.42	7.35	7.49
PCB-1260 Peak 7	8.93	8.87	9.01
PCB-1260 Peak 8	9.74	9.67	9.81
DCB Decachlorobiphenyl	10.33	10.23	10.43

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69158/24 Calibration Date: 03/31/2011 20:11

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qr082616.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	6745	6811		1010	1000	1.0	15.0
PCB-1016 Peak 2	Ave	12676	12743		1010	1000	0.5	15.0
PCB-1016 Peak 3	Ave	9479	9697		1020	1000	2.3	15.0
PCB-1016 Peak 4	Ave	29275	29298		1000	1000	0.0	15.0
PCB-1016 Peak 5	Ave	10379	10537		1020	1000	1.5	15.0
PCB-1016 Peak 6	Ave	17735	18176		1020	1000	2.5	15.0
PCB-1016 Peak 7	Ave	10426	10895		1040	1000	4.5	15.0
PCB-1016 Peak 8	Ave	10175	10546		1040	1000	3.7	15.0
PCB-1260 Peak 1	Ave	18608	17299		930	1000	-7.0	15.0
PCB-1260 Peak 2	Ave	35727	33866		948	1000	-5.2	15.0
PCB-1260 Peak 3	Ave	29875	29853		999	1000	-0.0	15.0
PCB-1260 Peak 4	Ave	18240	17809		976	1000	-2.4	15.0
PCB-1260 Peak 5	Ave	12112	15231		1260	1000	25.8*	15.0
PCB-1260 Peak 6	Ave	15380	15785		1030	1000	2.6	15.0
PCB-1260 Peak 7	Ave	11903	11615		976	1000	-2.4	15.0
PCB-1260 Peak 8	Ave	8370	8856		1060	1000	5.8	15.0
DCB Decachlorobiphenyl	Ave	352173	312099		88.6	100	-11.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69158/24 Calibration Date: 03/31/2011 20:11

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qr082616.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	1.21	1.14	1.28
PCB-1016 Peak 2	1.46	1.39	1.53
PCB-1016 Peak 3	1.61	1.54	1.68
PCB-1016 Peak 4	1.82	1.76	1.90
PCB-1016 Peak 5	1.95	1.88	2.02
PCB-1016 Peak 6	2.13	2.07	2.21
PCB-1016 Peak 7	2.33	2.26	2.40
PCB-1016 Peak 8	2.72	2.65	2.79
PCB-1260 Peak 1	3.96	3.89	4.03
PCB-1260 Peak 2	4.52	4.45	4.59
PCB-1260 Peak 3	5.03	4.97	5.11
PCB-1260 Peak 4	5.25	5.18	5.32
PCB-1260 Peak 5	5.67	5.61	5.75
PCB-1260 Peak 6	6.78	6.72	6.86
PCB-1260 Peak 7	6.97	6.90	7.04
PCB-1260 Peak 8	8.34	8.28	8.42
DCB Decachlorobiphenyl	9.23	9.13	9.33

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69159/2 Calibration Date: 03/31/2011 22:51

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qf082626.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	6115	6187		1010	1000	1.2	15.0
PCB-1016 Peak 2	Ave	11639	11955		1030	1000	2.7	15.0
PCB-1016 Peak 3	Ave	7459	8099		1090	1000	8.6	15.0
PCB-1016 Peak 4	Ave	22708	23541		1040	1000	3.7	15.0
PCB-1016 Peak 5	Ave	10181	10763		1060	1000	5.7	15.0
PCB-1016 Peak 6	Ave	7919	8643		1090	1000	9.1	15.0
PCB-1016 Peak 7	Ave	10497	11414		1090	1000	8.7	15.0
PCB-1016 Peak 8	Ave	7131	8191		1150	1000	14.9	15.0
PCB-1260 Peak 1	Ave	16957	17401		1030	1000	2.6	15.0
PCB-1260 Peak 2	Ave	21576	21980		1020	1000	1.9	15.0
PCB-1260 Peak 3	Ave	26558	27886		1050	1000	5.0	15.0
PCB-1260 Peak 4	Ave	15949	16486		1030	1000	3.4	15.0
PCB-1260 Peak 5	Ave	8407	8737		1040	1000	3.9	15.0
PCB-1260 Peak 6	Ave	14290	14919		1040	1000	4.4	15.0
PCB-1260 Peak 7	Ave	20970	21828		1040	1000	4.1	15.0
PCB-1260 Peak 8	Ave	6769	6685		988	1000	-1.2	15.0
DCB Decachlorobiphenyl	Ave	227865	214072		93.9	100	-6.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69159/2 Calibration Date: 03/31/2011 22:51

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qf082626.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	1.57	1.50	1.64
PCB-1016 Peak 2	1.93	1.87	2.01
PCB-1016 Peak 3	2.16	2.09	2.23
PCB-1016 Peak 4	2.40	2.33	2.47
PCB-1016 Peak 5	2.54	2.47	2.61
PCB-1016 Peak 6	2.66	2.59	2.73
PCB-1016 Peak 7	3.10	3.03	3.17
PCB-1016 Peak 8	3.27	3.21	3.35
PCB-1260 Peak 1	5.48	5.42	5.56
PCB-1260 Peak 2	5.88	5.82	5.96
PCB-1260 Peak 3	6.54	6.48	6.62
PCB-1260 Peak 4	6.75	6.69	6.83
PCB-1260 Peak 5	6.87	6.80	6.94
PCB-1260 Peak 6	7.41	7.35	7.49
PCB-1260 Peak 7	8.93	8.87	9.01
PCB-1260 Peak 8	9.73	9.67	9.81
DCB Decachlorobiphenyl	10.32	10.23	10.43

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69159/2 Calibration Date: 03/31/2011 22:51

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qr082626.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	6745	7105		1050	1000	5.3	15.0
PCB-1016 Peak 2	Ave	12676	13193		1040	1000	4.1	15.0
PCB-1016 Peak 3	Ave	9479	10059		1060	1000	6.1	15.0
PCB-1016 Peak 4	Ave	29275	30615		1050	1000	4.6	15.0
PCB-1016 Peak 5	Ave	10379	10925		1050	1000	5.3	15.0
PCB-1016 Peak 6	Ave	17735	19088		1080	1000	7.6	15.0
PCB-1016 Peak 7	Ave	10426	11457		1100	1000	9.9	15.0
PCB-1016 Peak 8	Ave	10175	11207		1100	1000	10.1	15.0
PCB-1260 Peak 1	Ave	18608	16860		906	1000	-9.4	15.0
PCB-1260 Peak 2	Ave	35727	36535		1020	1000	2.3	15.0
PCB-1260 Peak 3	Ave	29875	31844		1070	1000	6.6	15.0
PCB-1260 Peak 4	Ave	18240	19302		1060	1000	5.8	15.0
PCB-1260 Peak 5	Ave	12112	15167		1250	1000	25.2*	15.0
PCB-1260 Peak 6	Ave	15380	17136		1110	1000	11.4	15.0
PCB-1260 Peak 7	Ave	11903	12725		1070	1000	6.9	15.0
PCB-1260 Peak 8	Ave	8370	9498		1130	1000	13.5	15.0
DCB Decachlorobiphenyl	Ave	352173	345014		98.0	100	-2.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCVRT 460-69159/2 Calibration Date: 03/31/2011 22:51

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qr082626.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	1.21	1.14	1.28
PCB-1016 Peak 2	1.46	1.39	1.53
PCB-1016 Peak 3	1.60	1.54	1.68
PCB-1016 Peak 4	1.82	1.76	1.90
PCB-1016 Peak 5	1.95	1.88	2.02
PCB-1016 Peak 6	2.13	2.07	2.21
PCB-1016 Peak 7	2.33	2.26	2.40
PCB-1016 Peak 8	2.72	2.65	2.79
PCB-1260 Peak 1	3.96	3.89	4.03
PCB-1260 Peak 2	4.52	4.45	4.59
PCB-1260 Peak 3	5.03	4.97	5.11
PCB-1260 Peak 4	5.25	5.18	5.32
PCB-1260 Peak 5	5.67	5.61	5.75
PCB-1260 Peak 6	6.78	6.72	6.86
PCB-1260 Peak 7	6.96	6.90	7.04
PCB-1260 Peak 8	8.34	8.28	8.42
DCB Decachlorobiphenyl	9.23	9.13	9.33

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69159/9 Calibration Date: 04/01/2011 01:57

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qf082633.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	6115	5815		951	1000	-4.9	15.0
PCB-1016 Peak 2	Ave	11639	11735		1010	1000	0.8	15.0
PCB-1016 Peak 3	Ave	7459	7919		1060	1000	6.2	15.0
PCB-1016 Peak 4	Ave	22708	22782		1000	1000	0.3	15.0
PCB-1016 Peak 5	Ave	10181	10509		1030	1000	3.2	15.0
PCB-1016 Peak 6	Ave	7919	8400		1060	1000	6.1	15.0
PCB-1016 Peak 7	Ave	10497	11116		1060	1000	5.9	15.0
PCB-1016 Peak 8	Ave	7131	7924		1110	1000	11.1	15.0
PCB-1260 Peak 1	Ave	16957	16618		980	1000	-2.0	15.0
PCB-1260 Peak 2	Ave	21576	21151		980	1000	-2.0	15.0
PCB-1260 Peak 3	Ave	26558	26941		1010	1000	1.4	15.0
PCB-1260 Peak 4	Ave	15949	16020		1000	1000	0.4	15.0
PCB-1260 Peak 5	Ave	8407	8514		1010	1000	1.3	15.0
PCB-1260 Peak 6	Ave	14290	14463		1010	1000	1.2	15.0
PCB-1260 Peak 7	Ave	20970	20964		1000	1000	-0.0	15.0
PCB-1260 Peak 8	Ave	6769	6587		973	1000	-2.7	15.0
DCB Decachlorobiphenyl	Ave	227865	212028		93.0	100	-7.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69159/9 Calibration Date: 04/01/2011 01:57

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qf082633.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	1.56	1.50	1.64
PCB-1016 Peak 2	1.93	1.87	2.01
PCB-1016 Peak 3	2.16	2.09	2.23
PCB-1016 Peak 4	2.40	2.33	2.47
PCB-1016 Peak 5	2.54	2.47	2.61
PCB-1016 Peak 6	2.65	2.59	2.73
PCB-1016 Peak 7	3.10	3.03	3.17
PCB-1016 Peak 8	3.27	3.21	3.35
PCB-1260 Peak 1	5.48	5.42	5.56
PCB-1260 Peak 2	5.88	5.82	5.96
PCB-1260 Peak 3	6.54	6.48	6.62
PCB-1260 Peak 4	6.75	6.69	6.83
PCB-1260 Peak 5	6.87	6.80	6.94
PCB-1260 Peak 6	7.42	7.35	7.49
PCB-1260 Peak 7	8.93	8.87	9.01
PCB-1260 Peak 8	9.74	9.67	9.81
DCB Decachlorobiphenyl	10.32	10.23	10.43

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69159/9 Calibration Date: 04/01/2011 01:57

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qr082633.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	6745	6974		1030	1000	3.4	15.0
PCB-1016 Peak 2	Ave	12676	12981		1020	1000	2.4	15.0
PCB-1016 Peak 3	Ave	9479	9915		1050	1000	4.6	15.0
PCB-1016 Peak 4	Ave	29275	29841		1020	1000	1.9	15.0
PCB-1016 Peak 5	Ave	10379	10554		1020	1000	1.7	15.0
PCB-1016 Peak 6	Ave	17735	18621		1050	1000	5.0	15.0
PCB-1016 Peak 7	Ave	10426	11156		1070	1000	7.0	15.0
PCB-1016 Peak 8	Ave	10175	10930		1070	1000	7.4	15.0
PCB-1260 Peak 1	Ave	18608	18631		1000	1000	0.1	15.0
PCB-1260 Peak 2	Ave	35727	35659		998	1000	-0.2	15.0
PCB-1260 Peak 3	Ave	29875	30923		1040	1000	3.5	15.0
PCB-1260 Peak 4	Ave	18240	18755		1030	1000	2.8	15.0
PCB-1260 Peak 5	Ave	12112	15482		1280	1000	27.8*	15.0
PCB-1260 Peak 6	Ave	15380	16314		1060	1000	6.1	15.0
PCB-1260 Peak 7	Ave	11903	12011		1010	1000	0.9	15.0
PCB-1260 Peak 8	Ave	8370	8972		1070	1000	7.2	15.0
DCB Decachlorobiphenyl	Ave	352173	338118		96.0	100	-4.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69159/9 Calibration Date: 04/01/2011 01:57

Instrument ID: PESTGC8 Calib Start Date: 03/31/2011 02:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/31/2011 03:57

Lab File ID: qr082633.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	1.21	1.14	1.28
PCB-1016 Peak 2	1.46	1.39	1.53
PCB-1016 Peak 3	1.60	1.54	1.68
PCB-1016 Peak 4	1.82	1.76	1.90
PCB-1016 Peak 5	1.94	1.88	2.02
PCB-1016 Peak 6	2.13	2.07	2.21
PCB-1016 Peak 7	2.33	2.26	2.40
PCB-1016 Peak 8	2.72	2.65	2.79
PCB-1260 Peak 1	3.96	3.89	4.03
PCB-1260 Peak 2	4.51	4.45	4.59
PCB-1260 Peak 3	5.03	4.97	5.11
PCB-1260 Peak 4	5.24	5.18	5.32
PCB-1260 Peak 5	5.67	5.61	5.75
PCB-1260 Peak 6	6.77	6.72	6.86
PCB-1260 Peak 7	6.96	6.90	7.04
PCB-1260 Peak 8	8.34	8.28	8.42
DCB Decachlorobiphenyl	9.23	9.13	9.33

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68886/1-A

Matrix: Solid Lab File ID: of171033.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 10:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	141		30-150

Data File: of171033.d
Report Date: 31-Mar-2011 17:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/of171033.d
Lab Smp Id: MB 460-68886/1-A
Inj Date : 31-MAR-2011 10:42
Operator : 615 Inst ID: PESTGC7.i
Smp Info : MB 460-68886/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 74 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.698	10.698	0.000	209105	70.4854	47	80.00- 120.00	100.00

Data File: of171033.d

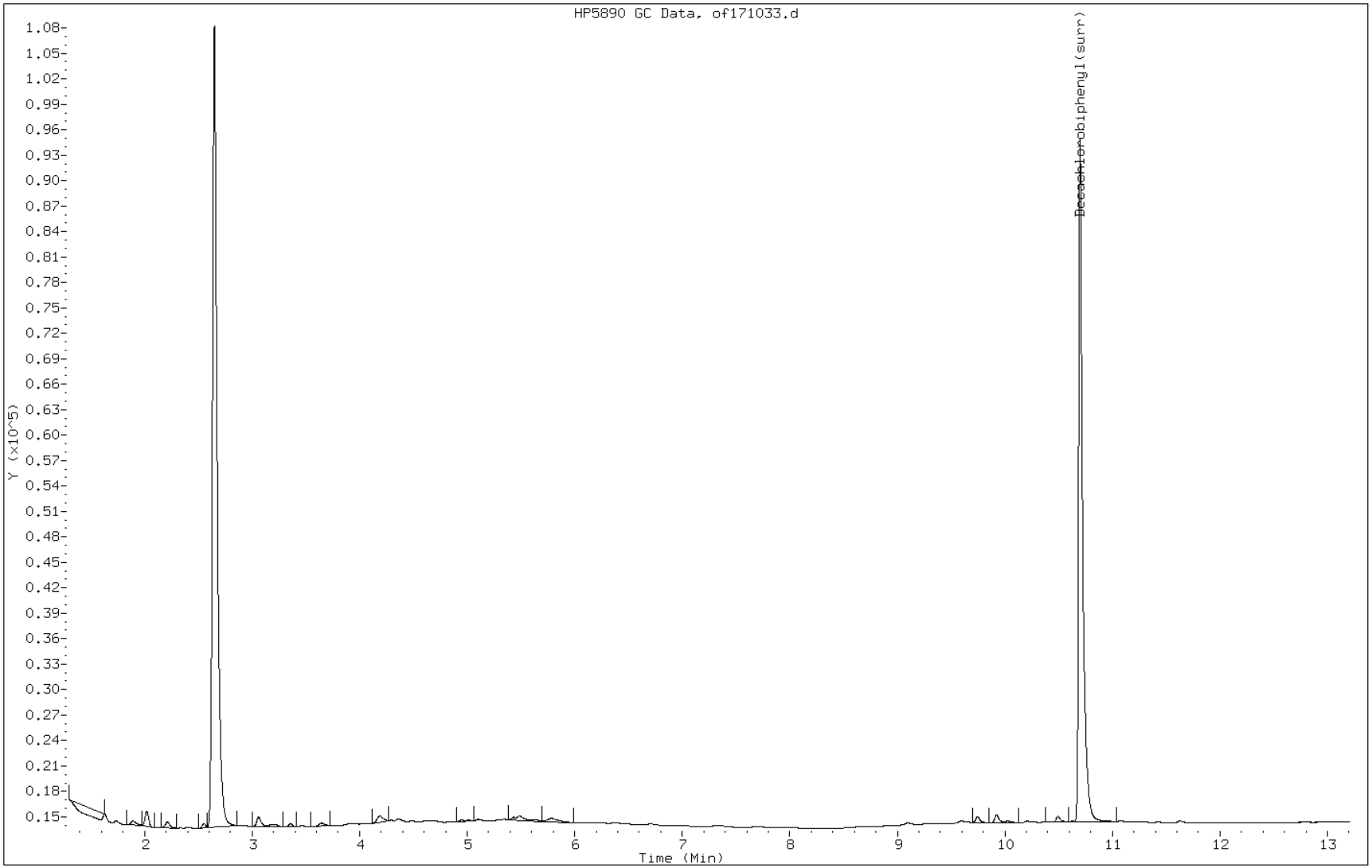
Date: 31-MAR-2011 10:42

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-68886/1-A

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68886/1-A

Matrix: Solid Lab File ID: or171033.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 10:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	67	U	67	13
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	Aroclor 1260	67	U	67	7.5
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	134		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/or171033.d
Lab Smp Id: MB 460-68886/1-A
Inj Date : 31-MAR-2011 10:42
Operator : 615 Inst ID: PESTGC7.i
Smp Info : MB 460-68886/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/08Or8082.m
Meth Date : 31-Mar-2011 10:45 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 74 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.612	9.610	0.002	248083	66.9119	45	80.00- 120.00	100.00

Data File: or171033.d

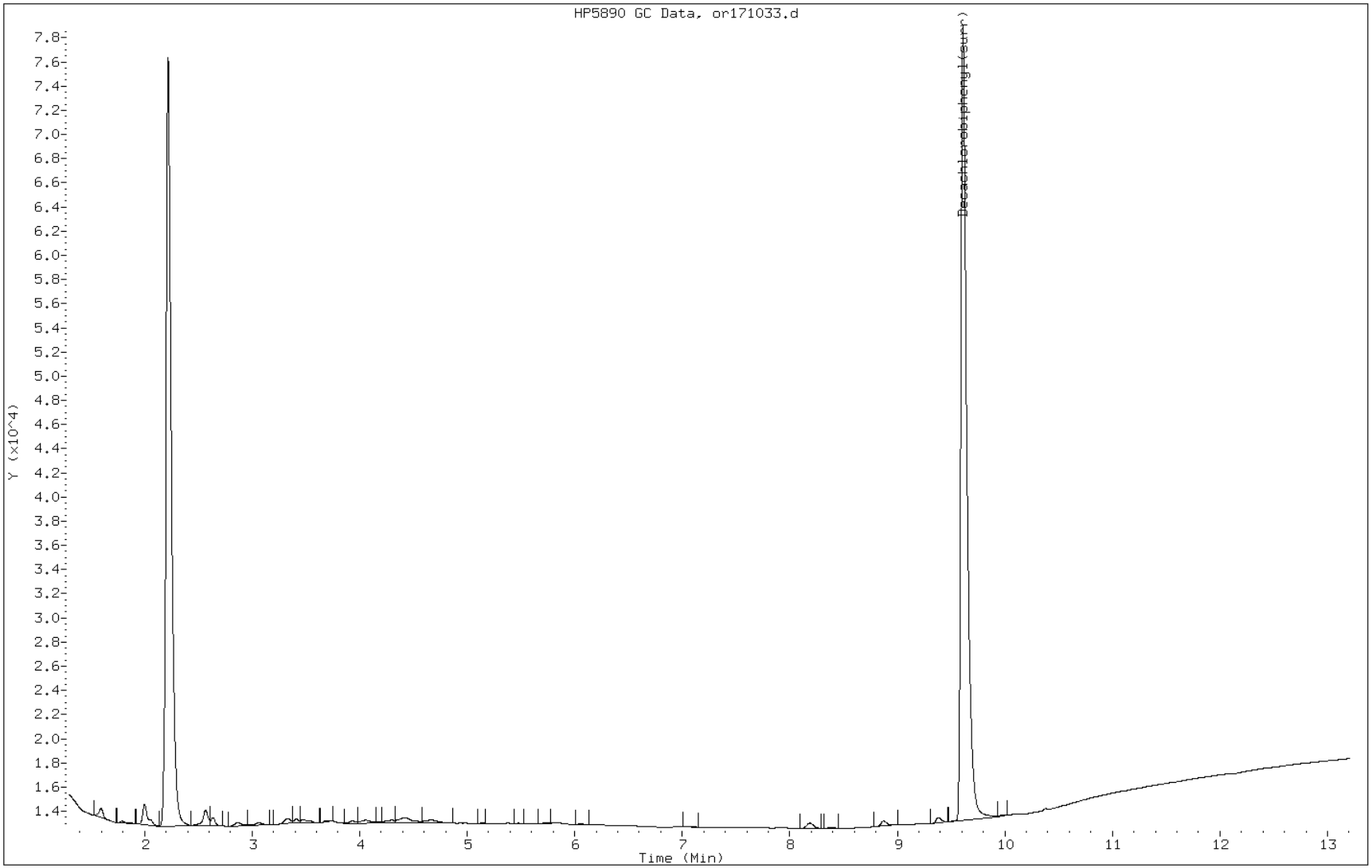
Date: 31-MAR-2011 10:42

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-68886/1-A

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68889/1-A

Matrix: Solid Lab File ID: qf082595.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 14:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11c.b/qf082595.d
Lab Smp Id: MB 460-68889/1-A
Inj Date : 31-MAR-2011 14:33
Operator : 615 Inst ID: PESTGC8.i
Smp Info : MB 460-68889/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11c.b/08Qf8082.m
Meth Date : 31-Mar-2011 09:35 shanthi Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qf082571.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

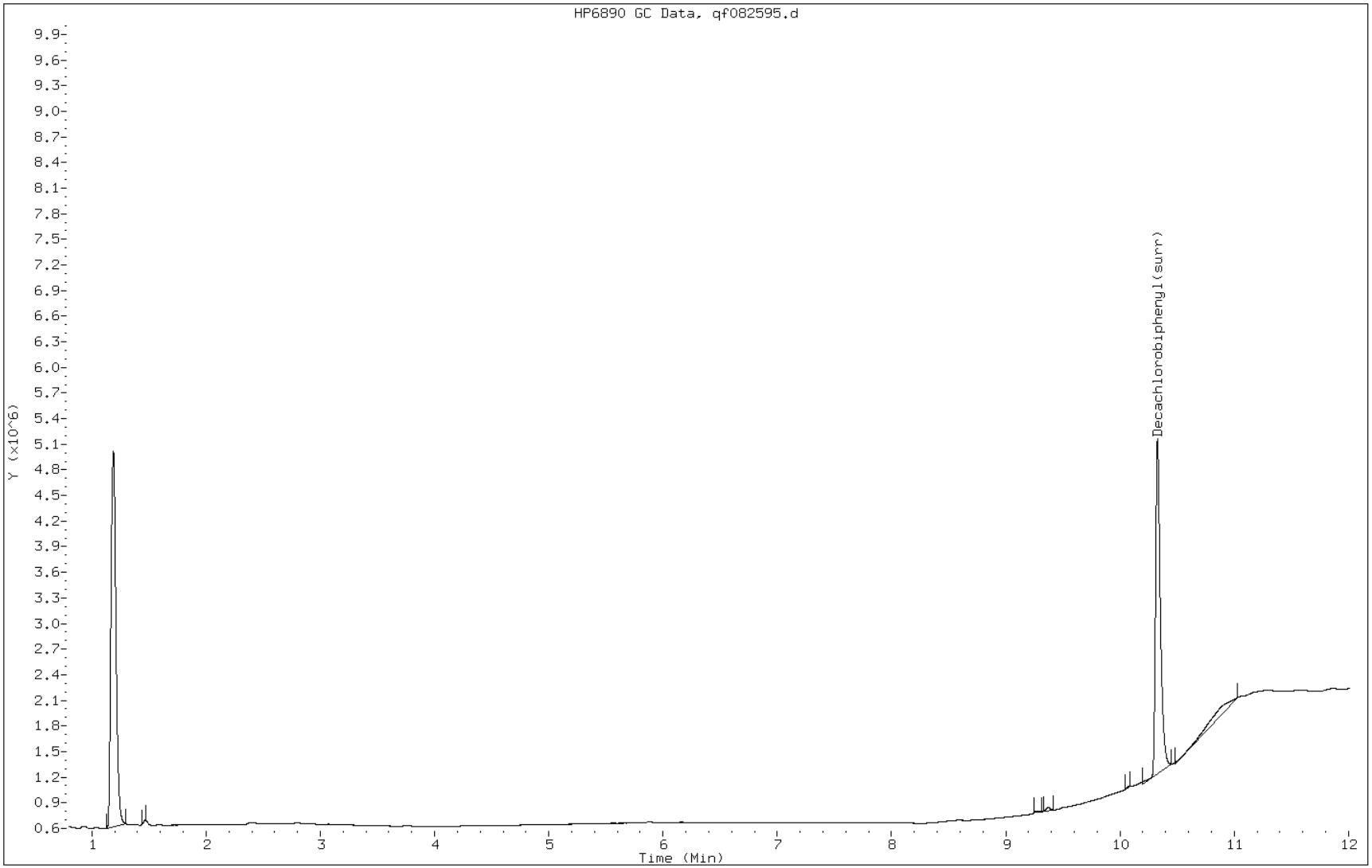
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.328	10.328	0.000	11489048	50.4205	34	80.00- 120.00	100.00

Data File: qf082595.d

Date: 31-MAR-2011 14:33

Client ID: Instrument: PESTGC8.i

Sample Info: MB 460-68889/1-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68889/1-A

Matrix: Solid Lab File ID: qr082595.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 14:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	67	U	67	13
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	Aroclor 1260	67	U	67	7.5
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		30-150

Data File: qr082595.d
Report Date: 01-Apr-2011 01:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11c.b/qr082595.d
Lab Smp Id: MB 460-68889/1-A
Inj Date : 31-MAR-2011 14:33
Operator : 615 Inst ID: PESTGC8.i
Smp Info : MB 460-68889/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11c.b/08Qr8082.m
Meth Date : 01-Apr-2011 01:52 diazc Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qr082571.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.229	9.234	-0.005	18491112	52.5057	35	80.00- 120.00	100.00

Data File: qr082595.d

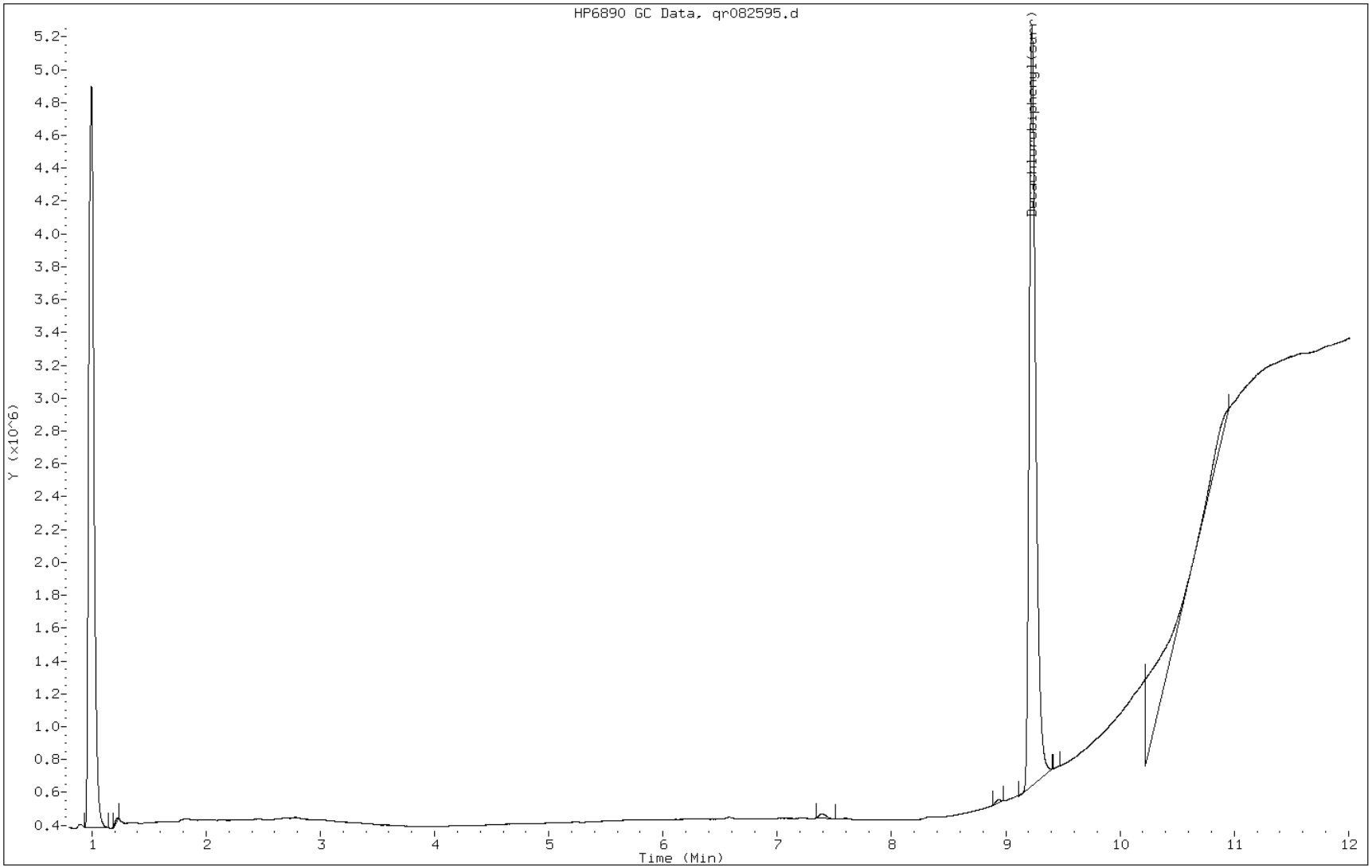
Date: 31-MAR-2011 14:33

Client ID:

Instrument: PESTGC8.i

Sample Info: MB 460-68889/1-A

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-69030/1-A

Matrix: Solid Lab File ID: of171115.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 10:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		30-150

Data File: of171115.d
Report Date: 02-Apr-2011 23:54

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/of171115.d
Lab Smp Id: MB 460-69030/1-A
Inj Date : 01-APR-2011 10:43
Operator : 615 Inst ID: PESTGC7.i
Smp Info : MB 460-69030/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 71
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

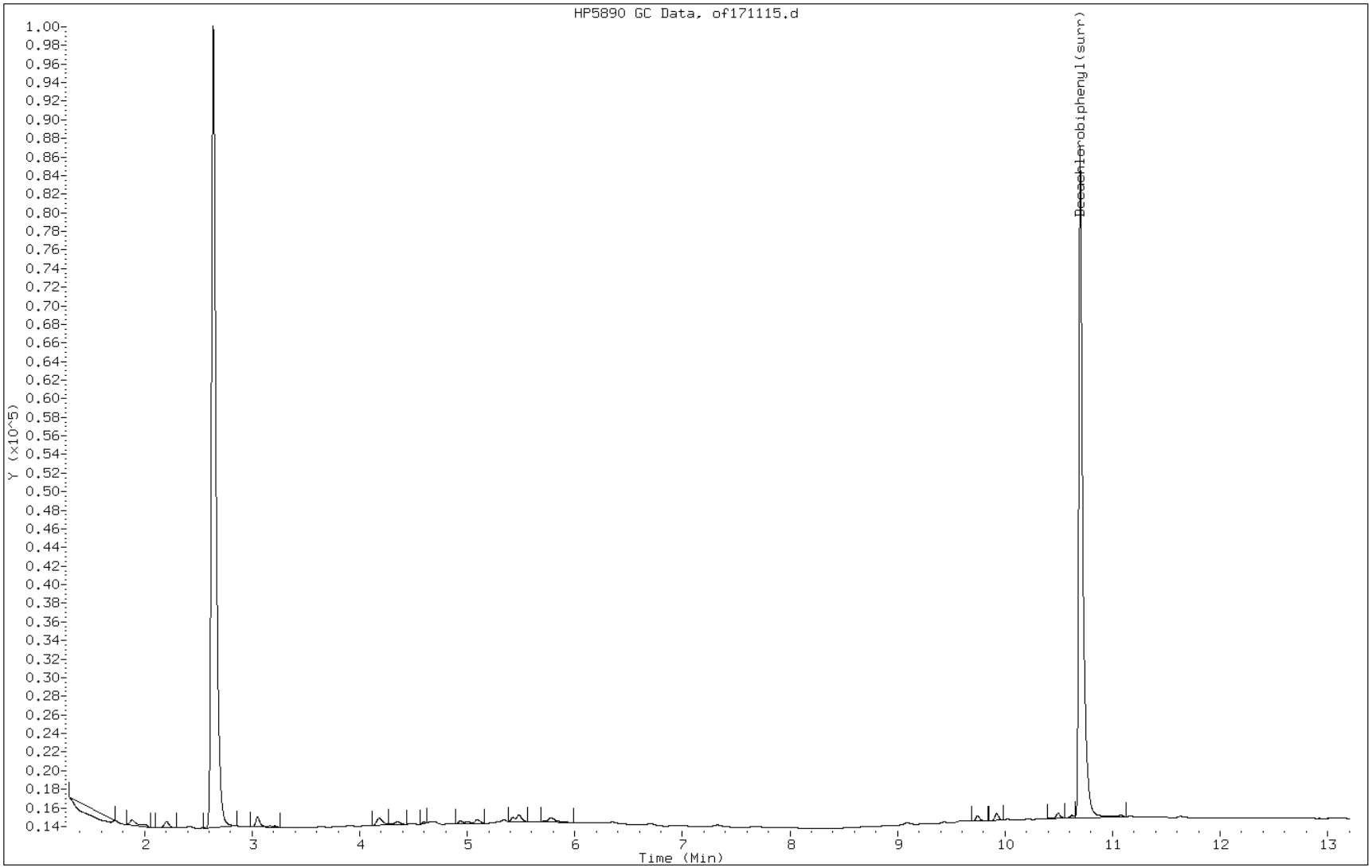
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.698	10.698	0.000	188194	63.4370	42	80.00- 120.00	100.00

Data File: of171115.d

Date: 01-APR-2011 10:43

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-69030/1-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-69030/1-A

Matrix: Solid Lab File ID: or171115.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 10:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	67	U	67	13
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	Aroclor 1260	67	U	67	7.5
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/or171115.d
Lab Smp Id: MB 460-69030/1-A
Inj Date : 01-APR-2011 10:43
Operator : 615 Inst ID: PESTGC7.i
Smp Info : MB 460-69030/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 71
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

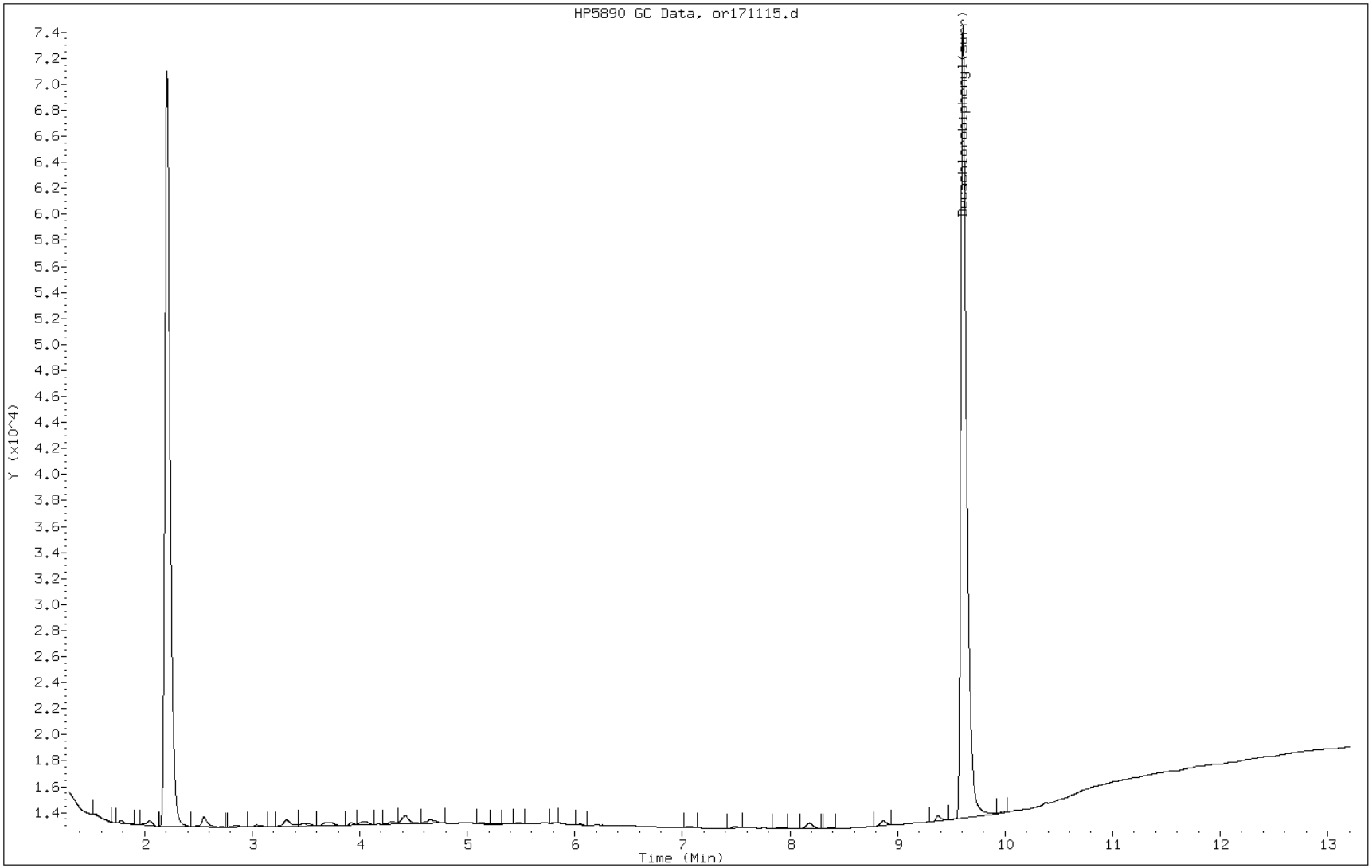
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.608	9.608	0.000	226758	61.1602	41	80.00- 120.00	100.00

Data File: or171115.d

Date: 01-APR-2011 10:43

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-69030/1-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68886/2-A

Matrix: Solid Lab File ID: of171034.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 10:58

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	423		67	13
11104-28-2	*Aroclor 1221*	*67*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*67*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*67*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*67*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*67*	*U*	*67*	*23*
11096-82-5	Aroclor 1260	405		67	7.5
37324-23-5	*Aroclor 1262*	*67*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*67*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	137		30-150

Data File: of171034.d
Report Date: 31-Mar-2011 17:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/of171034.d
Lab Smp Id: LCS 460-68886/2-A
Inj Date : 31-MAR-2011 10:58
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCS 460-68886/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 75 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
3.170	3.168	0.002	58775	608.304	400	80.00- 120.00	100.00(M)
3.642	3.640	0.002	122684	608.751	400	171.85- 257.78	208.73
3.927	3.925	0.002	60083	639.905	430	86.70- 130.05	102.23
4.185	4.183	0.002	225466	619.477	410	321.26- 481.88	383.61
4.355	4.353	0.002	103492	656.012	440	144.88- 217.32	176.08
4.655	4.653	0.002	66159	638.451	420	85.45- 128.18	112.56
4.940	4.938	0.002	68107	635.850	420	92.51- 138.76	115.88
5.098	5.097	0.001	83358	666.397	440	113.35- 170.02	141.83
Average of Peak Concentrations =					420		
27 Aroclor-1260					CAS #: 11096-82-5		
6.652	6.652	0.000	158572	598.679	400	80.00- 120.00	100.00(M)

Data File: of171034.d
Report Date: 31-Mar-2011 17:46

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.012	7.012	0.000	177023	600.189	400	89.30- 133.95	111.64
7.710	7.710	0.000	245716	577.808	380	130.43- 195.65	154.96
7.918	7.917	0.001	120518	601.984	400	61.07- 91.61	76.00
8.043	8.040	0.003	68853	598.850	400	36.16- 54.24	43.42
8.615	8.613	0.002	135357	596.577	400	70.36- 105.54	85.36
9.593	9.592	0.001	169508	645.468	430	82.15- 123.22	106.90
10.205	10.205	0.000	58171	643.812	430	30.14- 45.21	36.68
Average of Peak Concentrations =					400		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.698	10.698	0.000	203303	68.5297	46	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of171034.d

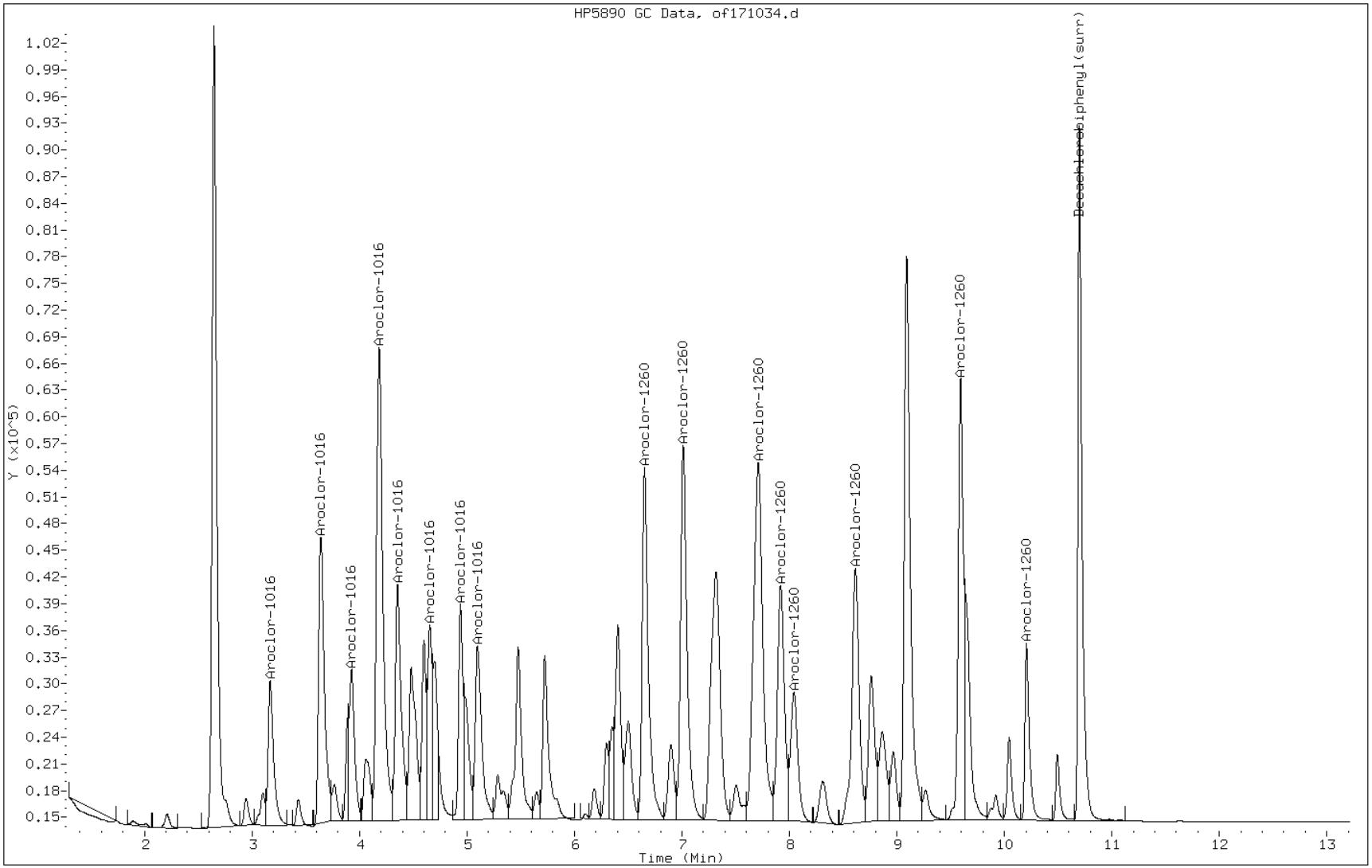
Date: 31-MAR-2011 10:58

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-68886/2-A

Operator: 615



Manual Integration Report

Data File: of171034.d
Inj. Date and Time: 31-MAR-2011 10:58
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 03/31/2011

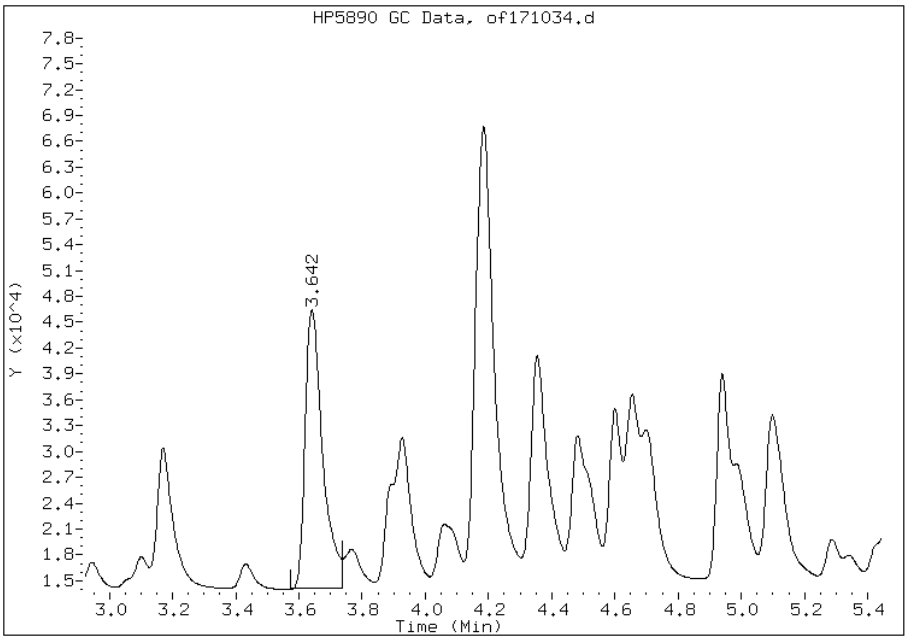
Processing Integration Results

RT: 3.64

Response: 124519

Amount: 647.53

Conc: 430.00



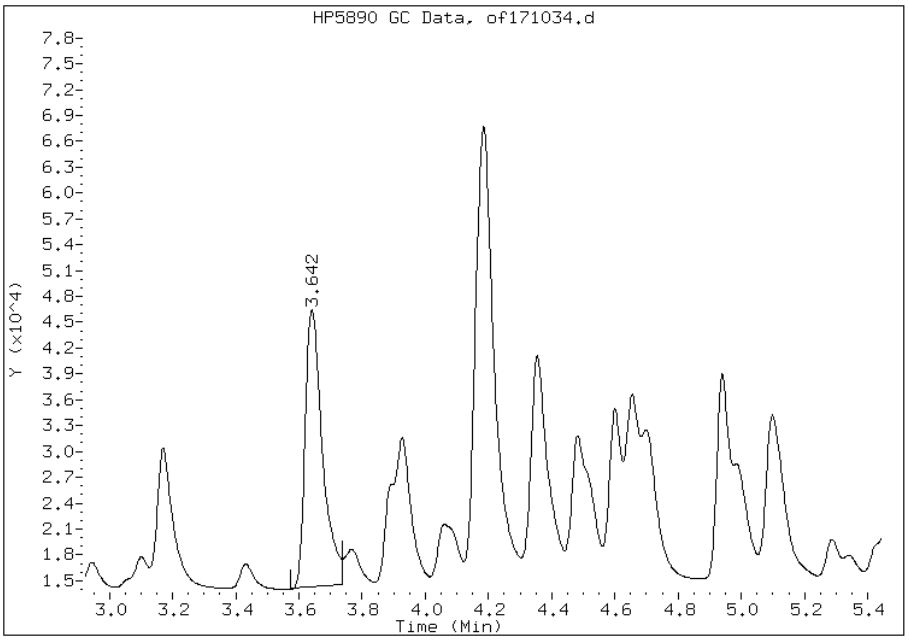
Manual Integration Results

RT: 3.64

Response: 122684

Amount: 634.14

Conc: 420.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171034.d
Inj. Date and Time: 31-MAR-2011 10:58
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/31/2011

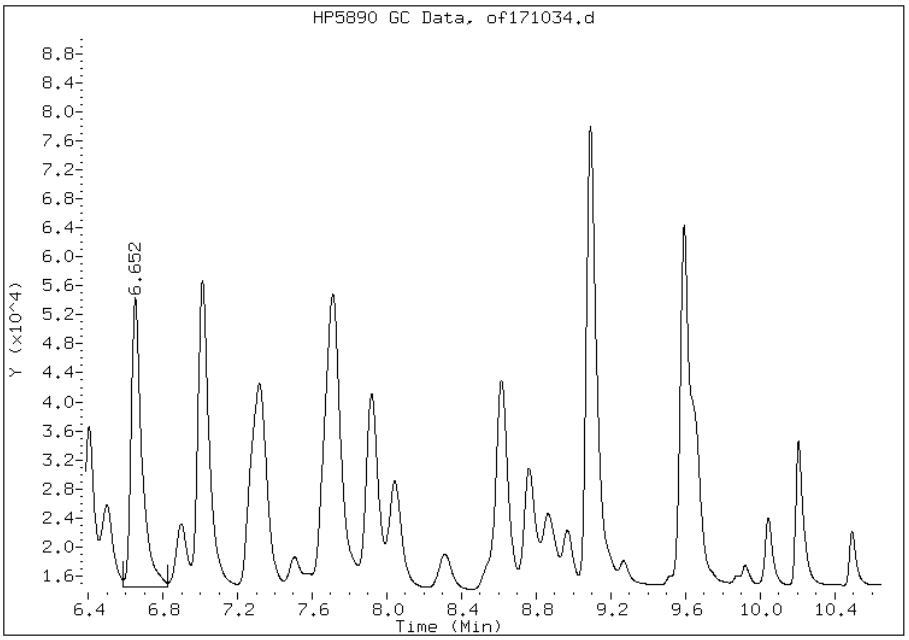
Processing Integration Results

RT: 6.65

Response: 161385

Amount: 625.21

Conc: 420.00



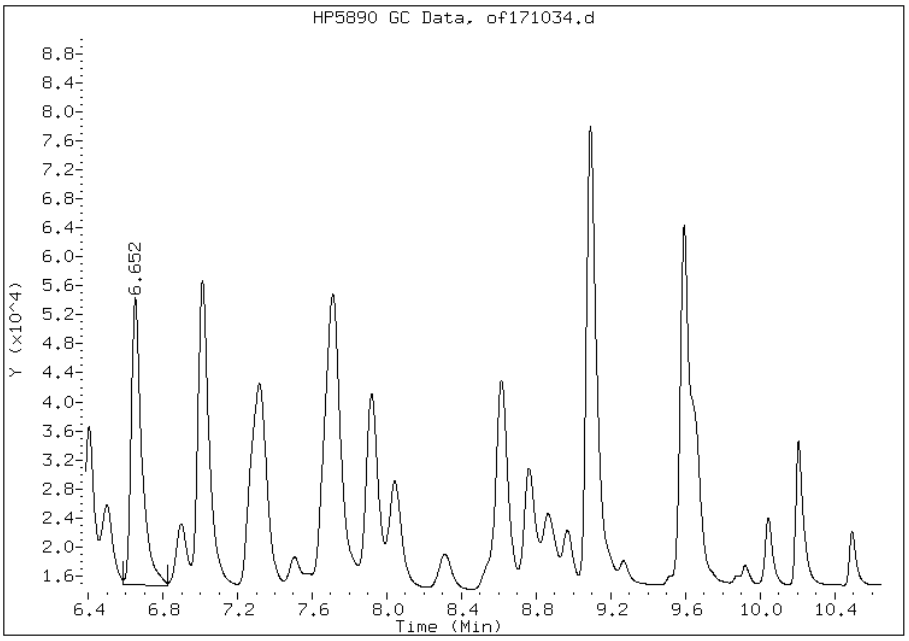
Manual Integration Results

RT: 6.65

Response: 158572

Amount: 607.92

Conc: 400.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68886/2-A

Matrix: Solid | Lab File ID: or171034.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 10:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*399*		*67*	*13*
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	*Aroclor 1260*	*372*		*67*	*7.5*
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/or171034.d
Lab Smp Id: LCS 460-68886/2-A
Inj Date : 31-MAR-2011 10:58
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCS 460-68886/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/08Or8082.m
Meth Date : 31-Mar-2011 10:45 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 75 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.527	2.525	0.002	53152	545.602	360	80.00- 120.00	100.00
2.863	2.862	0.001	98438	588.317	390	144.85- 217.28	185.20
3.060	3.058	0.002	68021	591.922	390	99.68- 149.51	127.97
3.330	3.328	0.002	201227	606.874	400	306.75- 460.13	378.59
3.478	3.477	0.001	71767	596.544	400	106.03- 159.04	135.02
3.535	3.535	0.000	59877	627.868	420	89.14- 133.71	112.65
3.925	3.923	0.002	76578	600.361	400	112.95- 169.43	144.07
4.050	4.048	0.002	47039	626.552	420	71.29- 106.94	88.50
Average of Peak Concentrations =					400		
27 Aroclor-1260					CAS #: 11096-82-5		
5.357	5.355	0.002	122062	571.818	380	80.00- 120.00	100.00(H)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.703	5.702	0.001	212534	569.849	380	139.51- 209.27	174.12
6.057	6.055	0.002	188661	555.243	370	129.05- 193.57	154.56
6.205	6.205	0.000	89089	594.867	400	58.05- 87.07	72.99
6.557	6.557	0.000	88631	559.800	370	59.73- 89.59	72.61
7.600	7.600	0.000	98695	459.486	310	72.56- 108.84	80.86
7.772	7.772	0.000	68785	603.940	400	47.40- 71.11	56.35
8.957	8.957	0.000	55373	550.570	370	39.73- 59.59	45.36
Average of Peak Concentrations =					370		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.610	0.000	240555	64.8815	43	80.00- 120.00	100.00

QC Flag Legend

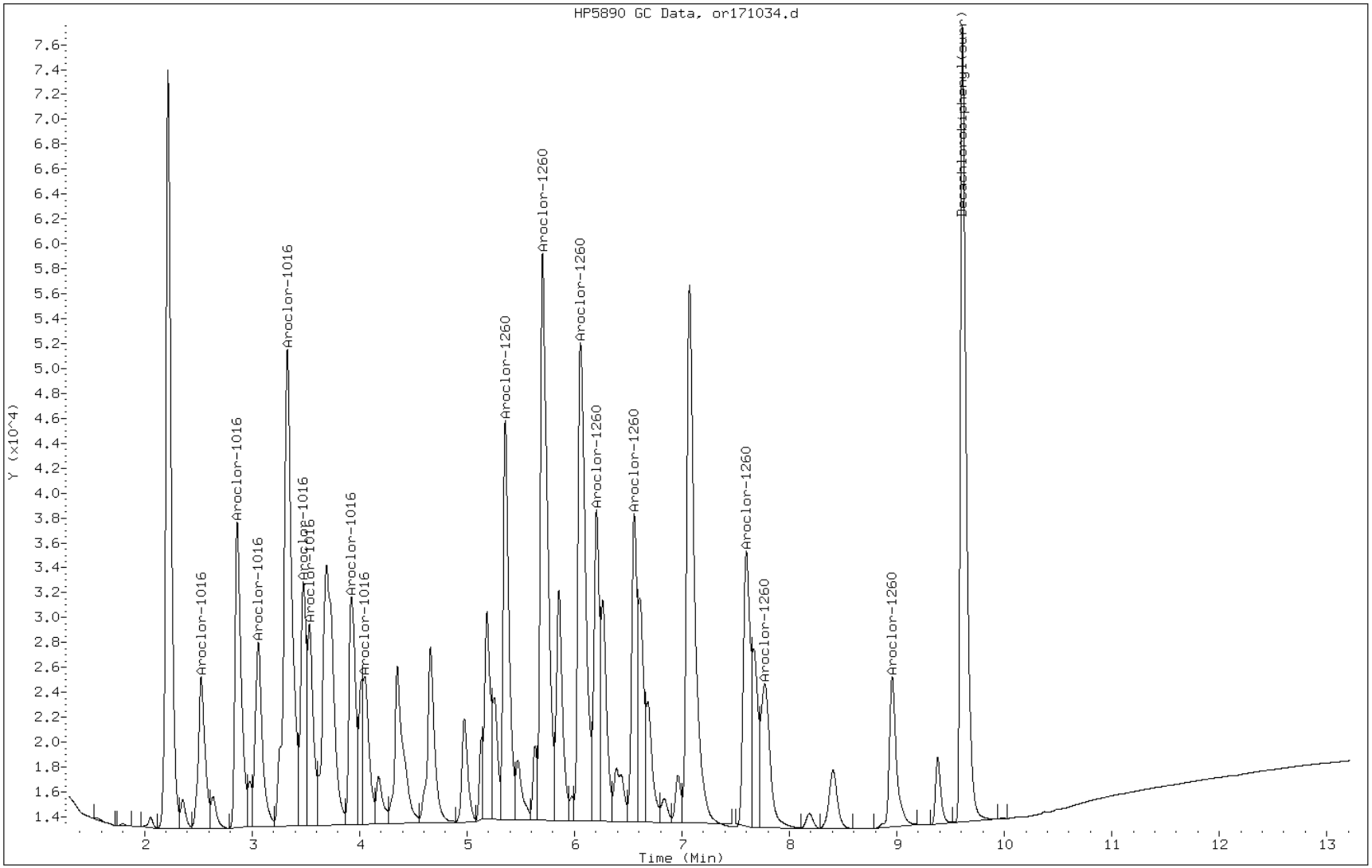
H - Operator selected an alternate compound hit.

Data File: or171034.d

Date: 31-MAR-2011 10:58

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-68886/2-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68889/2-A

Matrix: Solid | Lab File ID: qf082596.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 14:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*306*		*67*	*13*
11104-28-2	*Aroclor 1221*	*67*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*67*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*67*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*67*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*67*	*U*	*67*	*23*
11096-82-5	*Aroclor 1260*	*296*		*67*	*7.5*
37324-23-5	*Aroclor 1262*	*67*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*67*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11c.b/qf082596.d
Lab Smp Id: LCS 460-68889/2-A
Inj Date : 31-MAR-2011 14:49
Operator : 615 Inst ID: PESTGC8.i
Smp Info : LCS 460-68889/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/front/Mar11/03-31-11aical/31mar11c.b/08Qf8082.m
Meth Date : 31-Mar-2011 09:35 shanthi Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qf082571.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
1.566	1.567	-0.001	2770400	453.033	300	80.00- 120.00	100.00
1.935	1.937	-0.002	4704203	404.193	270	153.45- 230.17	169.80
2.157	2.158	-0.001	3277649	439.444	290	105.24- 157.87	118.31
2.397	2.399	-0.002	11162161	491.560	330	300.08- 450.12	402.91
2.542	2.544	-0.002	4894851	480.792	320	135.70- 203.55	176.68
2.656	2.657	-0.001	3725223	470.435	310	110.11- 165.16	134.47
3.100	3.102	-0.002	4901210	466.904	310	144.75- 217.13	176.91
3.274	3.278	-0.004	3299276	462.687	310	104.40- 156.61	119.09
Average of Peak Concentrations =					300		
27 Aroclor-1260					CAS #: 11096-82-5		
5.481	5.486	-0.005	7805657	460.323	310	80.00- 120.00	100.00

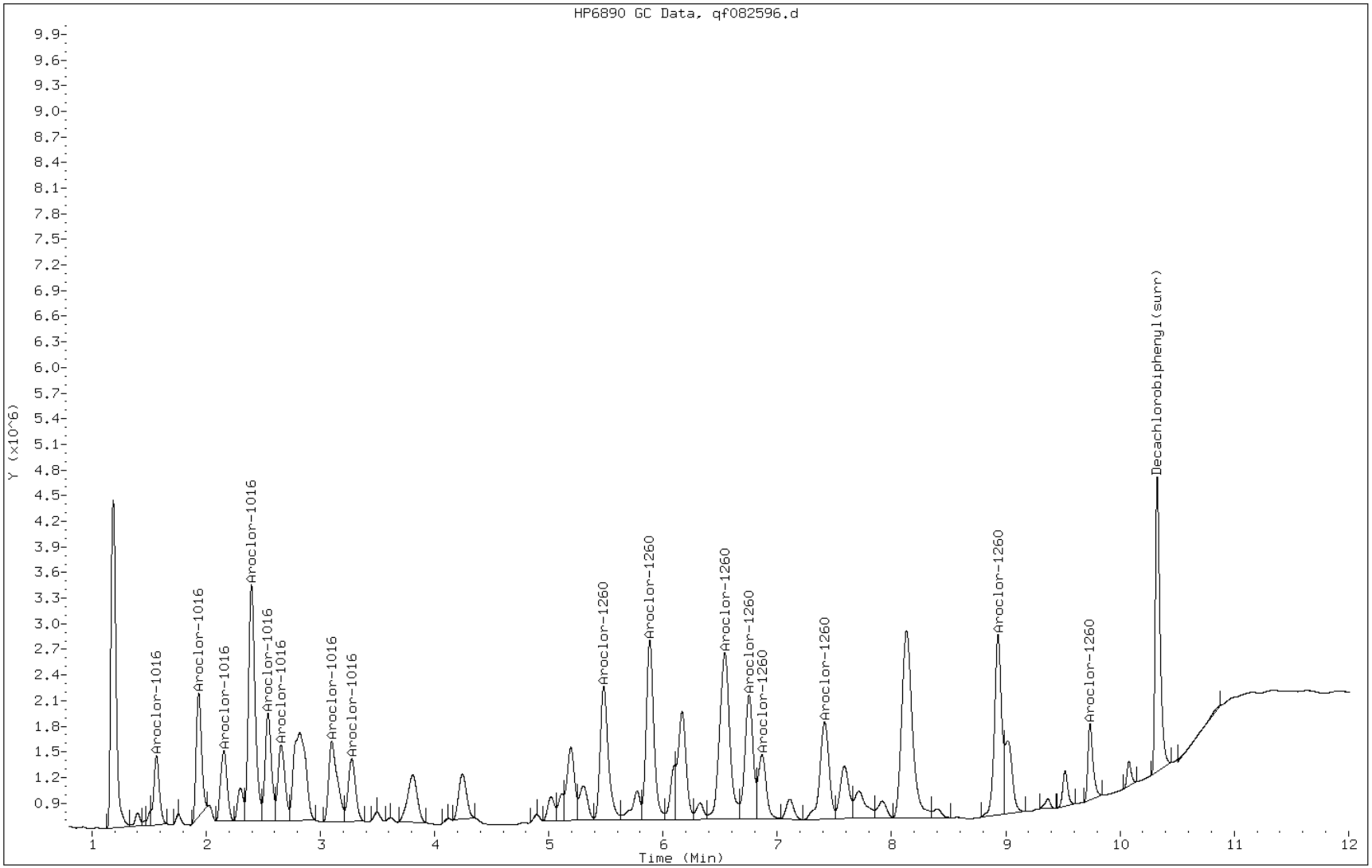
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.884	5.888	-0.004	9794288	453.950	300	104.25- 156.38	125.48
6.541	6.548	-0.007	12161117	457.916	300	132.67- 199.01	155.80
6.753	6.760	-0.007	7265332	455.546	300	78.91- 118.36	93.08
6.867	6.874	-0.007	3656943	434.998	290	43.58- 65.36	46.85
7.414	7.423	-0.009	6394710	447.511	300	72.07- 108.11	81.92
8.933	8.939	-0.006	9324369	444.650	300	107.51- 161.27	119.46
9.738	9.742	-0.004	2728373	403.059	270	36.00- 53.99	34.95
Average of Peak Concentrations =					300		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.325	10.328	-0.003	10029700	44.0161	29	80.00- 120.00	100.00

Data File: qf082596.d

Date: 31-MAR-2011 14:49

Client ID: Instrument: PESTGC8.i

Sample Info: LCS 460-68889/2-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68889/2-A

Matrix: Solid Lab File ID: qr082596.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 14:49

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	321		67	13
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	Aroclor 1260	310		67	7.5
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		30-150

Data File: qr082596.d
Report Date: 01-Apr-2011 01:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11c.b/qr082596.d
Lab Smp Id: LCS 460-68889/2-A
Inj Date : 31-MAR-2011 14:49
Operator : 615 Inst ID: PESTGC8.i
Smp Info : LCS 460-68889/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC8.i/8082/rear/Mar11/03-31-11aical/31mar11c.b/08Qr8082.m
Meth Date : 01-Apr-2011 01:52 diazc Quant Type: ESTD
Cal Date : 31-MAR-2011 05:47 Cal File: qr082571.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
1.212	1.214	-0.002	2938732	435.692	290	80.00- 120.00	100.00
1.459	1.461	-0.002	5799313	457.512	300	145.63- 218.44	197.34
1.605	1.607	-0.002	4409931	465.214	310	111.36- 167.04	150.06
1.825	1.827	-0.002	14165723	483.890	320	342.17- 513.25	482.04
1.947	1.948	-0.001	5174801	498.563	330	119.00- 178.50	176.09
2.134	2.137	-0.003	8880590	500.740	330	205.29- 307.93	302.19
2.333	2.335	-0.002	5179016	496.760	330	124.14- 186.21	176.23
2.721	2.724	-0.003	5252084	516.174	340	114.58- 171.87	178.72
Average of Peak Concentrations =					320		
27 Aroclor-1260					CAS #: 11096-82-5		
3.962	3.965	-0.003	8494978	456.518	300	80.00- 120.00	100.00(M)

Data File: qr082596.d
Report Date: 01-Apr-2011 01:52

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
4.519	4.522	-0.003	16018324	448.358	300	156.08- 234.11	188.56
5.032	5.037	-0.005	13285690	444.708	300	138.59- 207.89	156.39
5.248	5.252	-0.004	8342466	457.381	300	82.37- 123.56	98.20
5.673	5.677	-0.004	6967142	575.215	380	65.81- 98.71	82.01
6.778	6.787	-0.009	6884755	447.642	300	74.88- 112.32	81.05
6.964	6.972	-0.008	5225095	438.975	290	55.99- 83.98	61.51
8.341	8.352	-0.011	3770337	450.449	300	46.27- 69.41	44.38
		Average of Peak Concentrations =			310		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.229	9.234	-0.005	16221242	46.0604	31	80.00- 120.00	100.00

QC Flag Legend

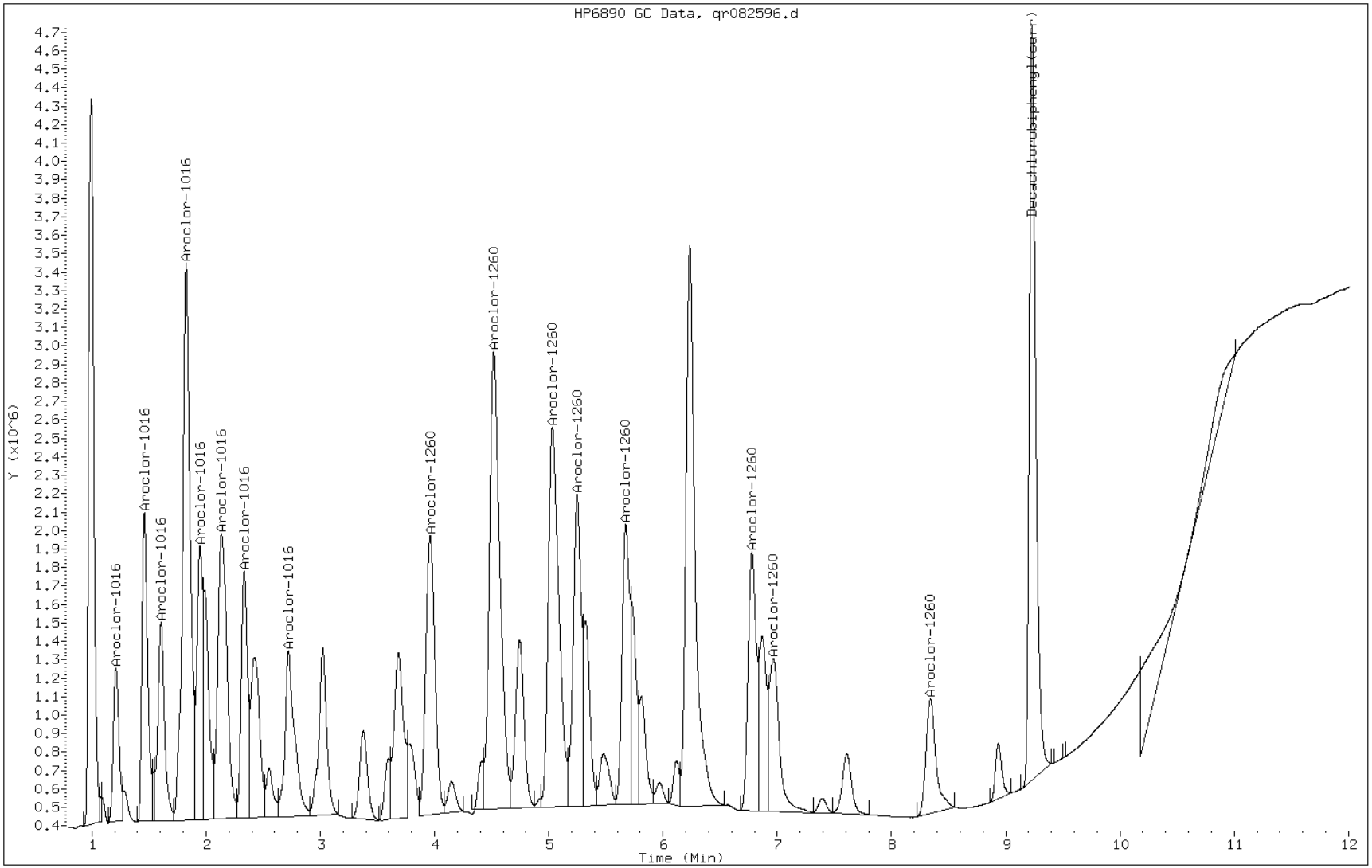
M - Compound response manually integrated.

Data File: qr082596.d

Date: 31-MAR-2011 14:49

Client ID: Instrument: PESTGC8.i

Sample Info: LCS 460-68889/2-A Operator: 615



Manual Integration Report

Data File: qr082596.d
Inj. Date and Time: 31-MAR-2011 14:49
Instrument ID: PESTGC8.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.96

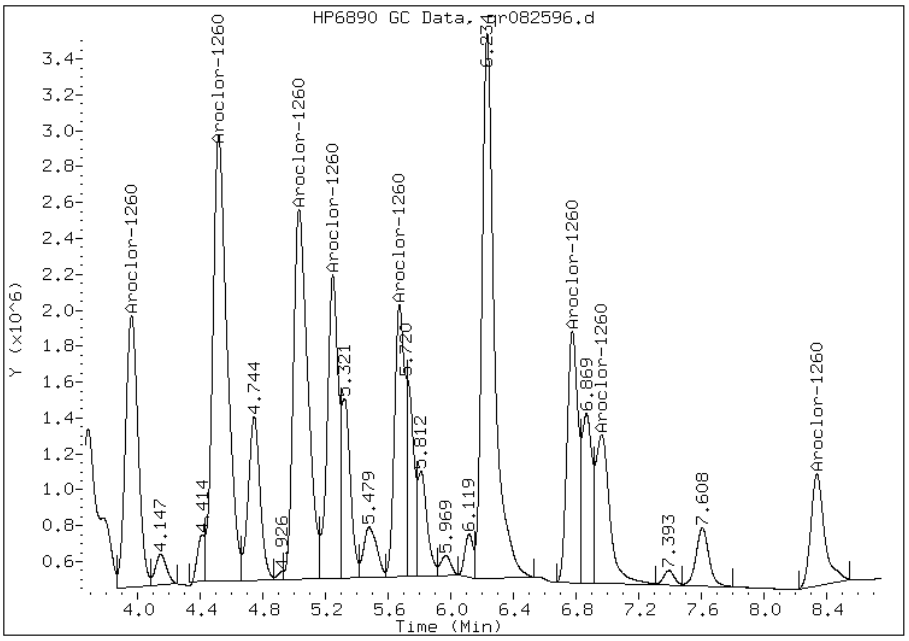
Manual Integration Results

RT: 3.96

Response: 8494978

Amount: 464.91

Conc: 310.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69030/2-A

Matrix: Solid | Lab File ID: of171116.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) | Date Analyzed: 04/01/2011 11:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	409		67	13
11104-28-2	*Aroclor 1221*	*67*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*67*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*67*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*67*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*67*	*U*	*67*	*23*
11096-82-5	Aroclor 1260	393		67	7.5
37324-23-5	*Aroclor 1262*	*67*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*67*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		30-150

Data File: of171116.d
Report Date: 02-Apr-2011 23:55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/of171116.d
Lab Smp Id: LCS 460-69030/2-A
Inj Date : 01-APR-2011 11:00
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCS 460-69030/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11e.b/08Of8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 72
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
3.170	3.165	0.005	56791	587.770	390	80.00- 120.00	100.00(M)
3.642	3.637	0.005	120223	596.543	400	169.70- 254.56	211.69
3.928	3.922	0.006	55664	592.837	400	84.36- 126.55	98.02
4.185	4.180	0.005	219047	601.842	400	309.57- 464.36	385.71
4.355	4.350	0.005	96418	611.169	410	138.73- 208.09	169.78
4.657	4.652	0.005	67629	652.633	440	84.04- 126.07	119.08
4.942	4.937	0.005	70349	656.782	440	89.45- 134.18	123.87
5.098	5.095	0.003	76016	607.702	400	109.60- 164.40	133.85
Average of Peak Concentrations =					410		
27 Aroclor-1260					CAS #: 11096-82-5		
6.653	6.650	0.003	154028	581.524	390	80.00- 120.00	100.00(M)

Data File: of171116.d
Report Date: 02-Apr-2011 23:55

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.015	7.010	0.005	172486	584.807	390	90.05- 135.07	111.98
7.713	7.708	0.005	242754	570.843	380	132.74- 199.10	157.60
7.922	7.915	0.007	118310	590.952	390	62.77- 94.16	76.81
8.045	8.040	0.005	67675	588.606	390	37.54- 56.32	43.94
8.617	8.612	0.005	132838	585.474	390	71.59- 107.39	86.24
9.595	9.592	0.003	158223	602.497	400	79.71- 119.57	102.72
10.207	10.203	0.004	55369	612.807	410	31.07- 46.60	35.95
Average of Peak Concentrations =					390		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	186890	62.9972	42	80.00- 120.00	100.00

QC Flag Legend

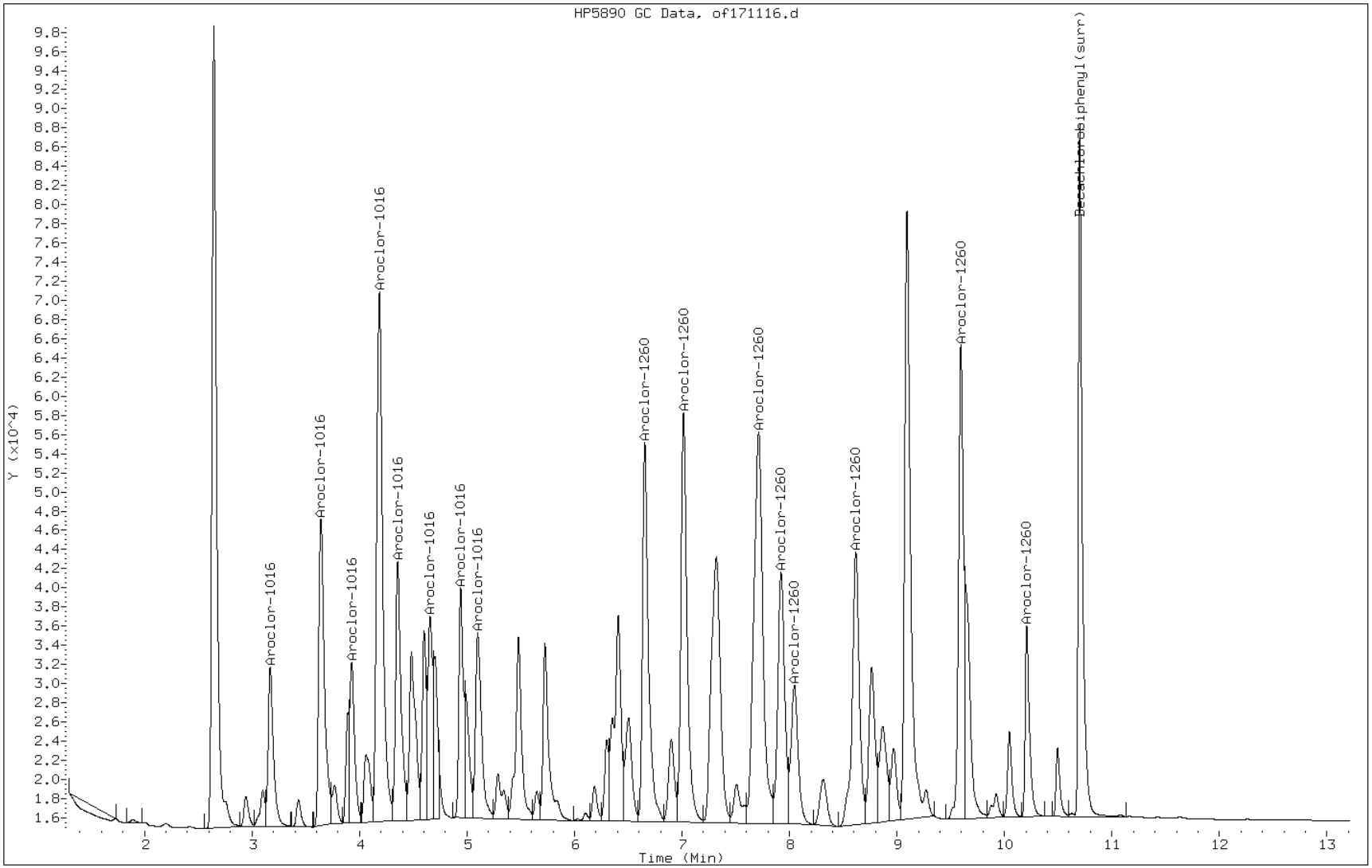
M - Compound response manually integrated.

Data File: of171116.d

Date: 01-APR-2011 11:00

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-69030/2-A Operator: 615



Manual Integration Report

Data File: of171116.d
Inj. Date and Time: 01-APR-2011 11:00
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 04/03/2011

Processing Integration Results

Not Detected

Expected RT: 3.17

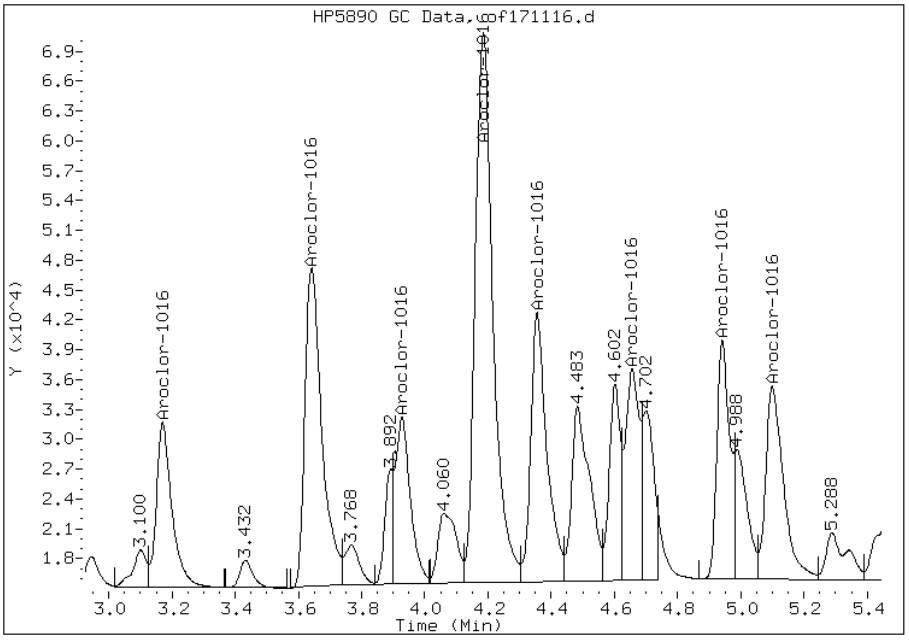
Manual Integration Results

RT: 3.17

Response: 56791

Amount: 613.41

Conc: 410.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171116.d
Inj. Date and Time: 01-APR-2011 11:00
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/03/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

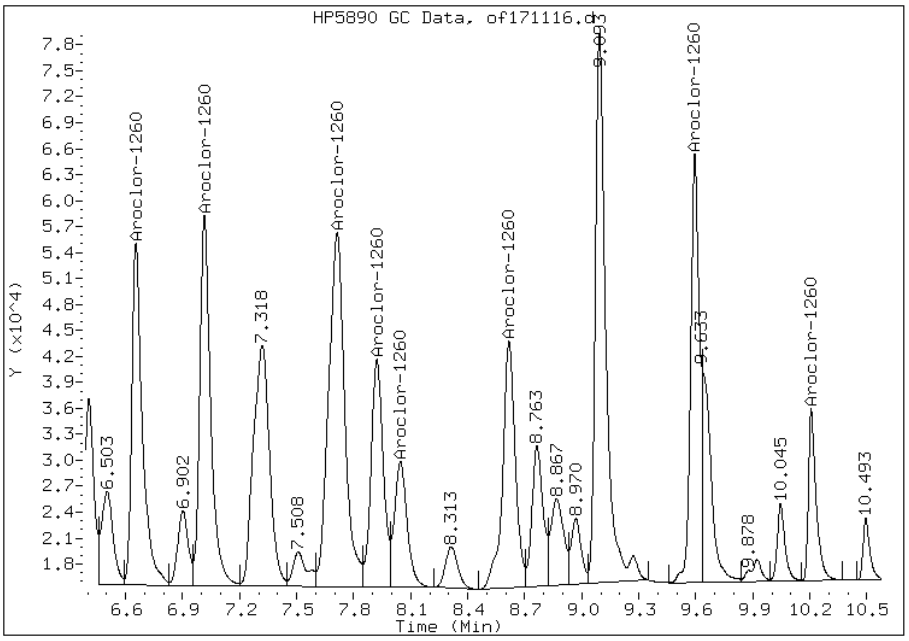
Manual Integration Results

RT: 6.65

Response: 154028

Amount: 589.69

Conc: 390.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-69030/2-A

Matrix: Solid Lab File ID: or171116.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 11:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*385*		*67*	*13*
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	*Aroclor 1260*	*378*		*67*	*7.5*
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/or171116.d
Lab Smp Id: LCS 460-69030/2-A
Inj Date : 01-APR-2011 11:00
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCS 460-69030/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11e.b/08Or8082.m
Meth Date : 01-Apr-2011 09:01 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 72
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
21 Aroclor-1016					CAS #: 12674-11-2		
2.522	2.522	0.000	51702	530.718	350	80.00- 120.00	100.00
2.858	2.858	0.000	96239	575.175	380	144.58- 216.88	186.14
3.055	3.055	0.000	66998	583.020	390	105.00- 157.51	129.58
3.325	3.325	0.000	188253	567.746	380	303.00- 454.51	364.11
3.473	3.473	0.000	70006	581.906	390	103.50- 155.25	135.40
3.532	3.530	0.002	56597	593.474	400	89.59- 134.39	109.47
3.920	3.922	-0.002	76142	596.943	400	112.13- 168.20	147.27
4.047	4.045	0.002	44076	587.086	390	63.49- 95.24	85.25
Average of Peak Concentrations =					380		
27 Aroclor-1260					CAS #: 11096-82-5		
5.355	5.355	0.000	123361	577.904	380	80.00- 120.00	100.00(H)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.702	5.702	0.000	214352	574.723	380	138.88- 208.33	173.76
6.053	6.053	0.000	193772	570.285	380	128.51- 192.77	157.08
6.205	6.203	0.002	88760	592.670	400	58.14- 87.21	71.95
6.555	6.555	0.000	90291	570.284	380	60.54- 90.81	73.19
7.597	7.598	-0.001	105177	489.664	330	70.37- 105.55	85.26
7.770	7.770	0.000	68581	602.149	400	48.14- 72.21	55.59
8.955	8.955	0.000	55595	552.778	370	41.26- 61.89	45.07
Average of Peak Concentrations =					380		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.608	0.002	220689	59.5233	40	80.00- 120.00	100.00

QC Flag Legend

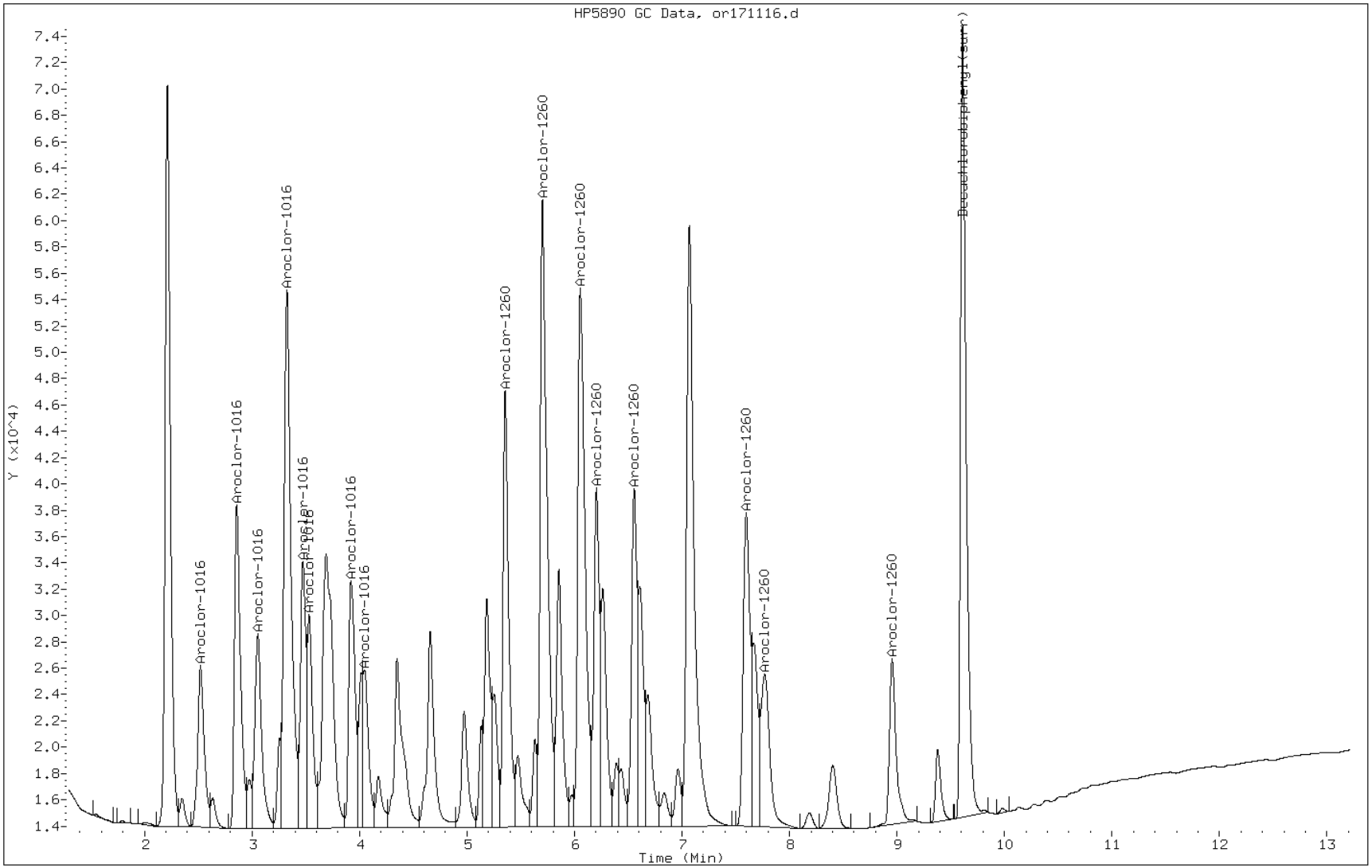
H - Operator selected an alternate compound hit.

Data File: or171116.d

Date: 01-APR-2011 11:00

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-69030/2-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) MS Lab Sample ID: 460-24277-1 MS

Matrix: Solid Lab File ID: of171035.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:55

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 11:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	497		70	13
11104-28-2	*Aroclor 1221*	*70*	*U*	*70*	*21*
11141-16-5	*Aroclor 1232*	*70*	*U*	*70*	*40*
53469-21-9	*Aroclor 1242*	*70*	*U*	*70*	*13*
12672-29-6	*Aroclor 1248*	*70*	*U*	*70*	*19*
11097-69-1	*Aroclor 1254*	*70*	*U*	*70*	*24*
11096-82-5	Aroclor 1260	421		70	7.8
37324-23-5	*Aroclor 1262*	*70*	*U*	*70*	*12*
11100-14-4	*Aroclor 1268*	*70*	*U*	*70*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) MS Lab Sample ID: 460-24277-1 MS

Matrix: Solid Lab File ID: or171035.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:55

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 11:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*443*		*70*	*13*
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	40
53469-21-9	Aroclor 1242	70	U	70	13
12672-29-6	Aroclor 1248	70	U	70	19
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	*Aroclor 1260*	*377*		*70*	*7.8*
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24337-A-13-A MS

Matrix: Solid Lab File ID: qf082597.d

Analysis Method: 8082 Date Collected: 03/17/2011 10:10

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.01(g) Date Analyzed: 03/31/2011 15:05

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 83.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*2210*		*400*	*76*
11104-28-2	*Aroclor 1221*	*400*	*U*	*400*	*120*
11141-16-5	*Aroclor 1232*	*400*	*U*	*400*	*220*
53469-21-9	*Aroclor 1242*	*400*	*U*	*400*	*75*
12672-29-6	*Aroclor 1248*	*400*	*U*	*400*	*110*
11097-69-1	*Aroclor 1254*	*400*	*U*	*400*	*140*
11096-82-5	*Aroclor 1260*	*2200*		*400*	*44*
37324-23-5	*Aroclor 1262*	*400*	*U*	*400*	*68*
11100-14-4	*Aroclor 1268*	*400*	*U*	*400*	*68*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24337-A-13-A MS

Matrix: Solid Lab File ID: qr082597.d

Analysis Method: 8082 Date Collected: 03/17/2011 10:10

Extraction Method: 3541 Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.01(g) Date Analyzed: 03/31/2011 15:05

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 83.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	2220		400	76
11104-28-2	Aroclor 1221	400	U	400	120
11141-16-5	Aroclor 1232	400	U	400	220
53469-21-9	Aroclor 1242	400	U	400	75
12672-29-6	Aroclor 1248	400	U	400	110
11097-69-1	Aroclor 1254	400	U	400	140
11096-82-5	Aroclor 1260	2280		400	44
37324-23-5	Aroclor 1262	400	U	400	68
11100-14-4	Aroclor 1268	400	U	400	68

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-24281-A-31-A MS

Matrix: Solid Lab File ID: of171117.d

Analysis Method: 8082 Date Collected: 03/16/2011 08:40

Extraction Method: 3541 Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.04(g) Date Analyzed: 04/01/2011 11:17

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 24.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	554		89	17
11104-28-2	Aroclor 1221	89	U	89	27
11141-16-5	Aroclor 1232	89	U	89	50
53469-21-9	Aroclor 1242	89	U	89	17
12672-29-6	Aroclor 1248	89	U	89	24
11097-69-1	Aroclor 1254	89	U	89	30
11096-82-5	Aroclor 1260	539		89	9.9
37324-23-5	Aroclor 1262	89	U	89	15
11100-14-4	Aroclor 1268	89	U	89	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24281-A-31-A MS

Matrix: Solid | Lab File ID: or171117.d

Analysis Method: 8082 | Date Collected: 03/16/2011 08:40

Extraction Method: 3541 | Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.04(g) | Date Analyzed: 04/01/2011 11:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	516		89	17
11104-28-2	Aroclor 1221	89	U	89	27
11141-16-5	Aroclor 1232	89	U	89	50
53469-21-9	Aroclor 1242	89	U	89	17
12672-29-6	Aroclor 1248	89	U	89	24
11097-69-1	Aroclor 1254	89	U	89	30
11096-82-5	Aroclor 1260	511		89	9.9
37324-23-5	Aroclor 1262	89	U	89	15
11100-14-4	Aroclor 1268	89	U	89	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) MSD Lab Sample ID: 460-24277-1 MSD

Matrix: Solid Lab File ID: of171036.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:55

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 11:30

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	458		70	13
11104-28-2	*Aroclor 1221*	*70*	*U*	*70*	*21*
11141-16-5	*Aroclor 1232*	*70*	*U*	*70*	*40*
53469-21-9	*Aroclor 1242*	*70*	*U*	*70*	*13*
12672-29-6	*Aroclor 1248*	*70*	*U*	*70*	*19*
11097-69-1	*Aroclor 1254*	*70*	*U*	*70*	*24*
11096-82-5	Aroclor 1260	377		70	7.8
37324-23-5	*Aroclor 1262*	*70*	*U*	*70*	*12*
11100-14-4	*Aroclor 1268*	*70*	*U*	*70*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) MSD Lab Sample ID: 460-24277-1 MSD

Matrix: Solid Lab File ID: or171036.d

Analysis Method: 8082 Date Collected: 03/17/2011 13:55

Extraction Method: 3541 Date Extracted: 03/30/2011 03:55

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 11:30

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*412*		*70*	*13*
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	40
53469-21-9	Aroclor 1242	70	U	70	13
12672-29-6	Aroclor 1248	70	U	70	19
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	*Aroclor 1260*	*347*		*70*	*7.8*
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24337-A-13-B MSD

Matrix: Solid | Lab File ID: qf082598.d

Analysis Method: 8082 | Date Collected: 03/17/2011 10:10

Extraction Method: 3541 | Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 15:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 83.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	2240		400	76
11104-28-2	*Aroclor 1221*	*400*	*U*	*400*	*120*
11141-16-5	*Aroclor 1232*	*400*	*U*	*400*	*220*
53469-21-9	*Aroclor 1242*	*400*	*U*	*400*	*75*
12672-29-6	*Aroclor 1248*	*400*	*U*	*400*	*110*
11097-69-1	*Aroclor 1254*	*400*	*U*	*400*	*140*
11096-82-5	*Aroclor 1260*	*2200*		*400*	*44*
37324-23-5	*Aroclor 1262*	*400*	*U*	*400*	*68*
11100-14-4	*Aroclor 1268*	*400*	*U*	*400*	*68*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24337-A-13-B MSD

Matrix: Solid | Lab File ID: qr082598.d

Analysis Method: 8082 | Date Collected: 03/17/2011 10:10

Extraction Method: 3541 | Date Extracted: 03/30/2011 04:35

Sample wt/vol: 15.00(g) | Date Analyzed: 03/31/2011 15:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 83.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69158 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*2190*		*400*	*76*
11104-28-2	Aroclor 1221	400	U	400	120
11141-16-5	Aroclor 1232	400	U	400	220
53469-21-9	Aroclor 1242	400	U	400	75
12672-29-6	Aroclor 1248	400	U	400	110
11097-69-1	Aroclor 1254	400	U	400	140
11096-82-5	Aroclor 1260	2270		400	44
37324-23-5	Aroclor 1262	400	U	400	68
11100-14-4	Aroclor 1268	400	U	400	68

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24281-A-31-B MSD

Matrix: Solid | Lab File ID: of171118.d

Analysis Method: 8082 | Date Collected: 03/16/2011 08:40

Extraction Method: 3541 | Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) | Date Analyzed: 04/01/2011 11:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	476		89	17
11104-28-2	*Aroclor 1221*	*89*	*U*	*89*	*27*
11141-16-5	*Aroclor 1232*	*89*	*U*	*89*	*50*
53469-21-9	*Aroclor 1242*	*89*	*U*	*89*	*17*
12672-29-6	*Aroclor 1248*	*89*	*U*	*89*	*24*
11097-69-1	*Aroclor 1254*	*89*	*U*	*89*	*30*
11096-82-5	Aroclor 1260	476		89	9.9
37324-23-5	*Aroclor 1262*	*89*	*U*	*89*	*15*
11100-14-4	*Aroclor 1268*	*89*	*U*	*89*	*15*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24281-A-31-B MSD

Matrix: Solid | Lab File ID: or171118.d

Analysis Method: 8082 | Date Collected: 03/16/2011 08:40

Extraction Method: 3541 | Date Extracted: 03/31/2011 09:06

Sample wt/vol: 15.00(g) | Date Analyzed: 04/01/2011 11:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 24.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*460*		*89*	*17*
11104-28-2	Aroclor 1221	89	U	89	27
11141-16-5	Aroclor 1232	89	U	89	50
53469-21-9	Aroclor 1242	89	U	89	17
12672-29-6	Aroclor 1248	89	U	89	24
11097-69-1	Aroclor 1254	89	U	89	30
11096-82-5	*Aroclor 1260*	*439*		*89*	*9.9*
37324-23-5	Aroclor 1262	89	U	89	15
11100-14-4	Aroclor 1268	89	U	89	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		30-150

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/08/2011 20:28

Analysis Batch Number: 66778 End Date: 03/09/2011 00:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-66778/1		03/08/2011 20:28	1		CLP-2 0.53(mm)
RINSE 460-66778/1		03/08/2011 20:28	1		CLP-1 0.53(mm)
RINSE 460-66778/2		03/08/2011 20:50	1		CLP-2 0.53(mm)
RINSE 460-66778/2		03/08/2011 20:50	1		CLP-1 0.53(mm)
PIBLK 460-66778/3		03/08/2011 21:07	1		CLP-2 0.53(mm)
PIBLK 460-66778/3		03/08/2011 21:07	1		CLP-1 0.53(mm)
IC 460-66778/4		03/08/2011 21:23	1		CLP-2 0.53(mm)
IC 460-66778/4		03/08/2011 21:23	1		CLP-1 0.53(mm)
IC 460-66778/5		03/08/2011 21:40	1	of170283.d	CLP-2 0.53(mm)
IC 460-66778/5		03/08/2011 21:40	1	or170283.d	CLP-1 0.53(mm)
IC 460-66778/6		03/08/2011 21:56	1	of170284.d	CLP-2 0.53(mm)
IC 460-66778/6		03/08/2011 21:56	1	or170284.d	CLP-1 0.53(mm)
IC 460-66778/7		03/08/2011 22:12	1	of170285.d	CLP-2 0.53(mm)
IC 460-66778/7		03/08/2011 22:12	1	or170285.d	CLP-1 0.53(mm)
IC 460-66778/8		03/08/2011 22:29	1	of170286.d	CLP-2 0.53(mm)
IC 460-66778/8		03/08/2011 22:29	1	or170286.d	CLP-1 0.53(mm)
IC 460-66778/9		03/08/2011 22:45	1	of170287.d	CLP-2 0.53(mm)
IC 460-66778/9		03/08/2011 22:45	1	or170287.d	CLP-1 0.53(mm)
IC 460-66778/10		03/08/2011 23:02	1	of170288.d	CLP-2 0.53(mm)
IC 460-66778/10		03/08/2011 23:02	1	or170288.d	CLP-1 0.53(mm)
IC 460-66778/11		03/08/2011 23:18	1	of170289.d	CLP-2 0.53(mm)
IC 460-66778/11		03/08/2011 23:18	1	or170289.d	CLP-1 0.53(mm)
IC 460-66778/12		03/08/2011 23:34	1	of170290.d	CLP-2 0.53(mm)
IC 460-66778/12		03/08/2011 23:34	1	or170290.d	CLP-1 0.53(mm)
IC 460-66778/13		03/08/2011 23:51	1	of170291.d	CLP-2 0.53(mm)
IC 460-66778/13		03/08/2011 23:51	1	or170291.d	CLP-1 0.53(mm)
IC 460-66778/14		03/09/2011 00:07	1	of170292.d	CLP-2 0.53(mm)
IC 460-66778/14		03/09/2011 00:07	1	or170292.d	CLP-1 0.53(mm)
IC 460-66778/15		03/09/2011 00:23	1	of170293.d	CLP-2 0.53(mm)
IC 460-66778/15		03/09/2011 00:23	1	or170293.d	CLP-1 0.53(mm)
IC 460-66778/16		03/09/2011 00:40	1	of170294.d	CLP-2 0.53(mm)
IC 460-66778/16		03/09/2011 00:40	1	or170294.d	CLP-1 0.53(mm)
ZZZZZ		03/09/2011 00:56	1		CLP-2 0.53(mm)
ZZZZZ		03/09/2011 00:56	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/31/2011 10:10

Analysis Batch Number: 69122 End Date: 03/31/2011 17:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/31/2011 10:10	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 10:10	1		CLP-1 0.53(mm)
CCVRT 460-69122/2		03/31/2011 10:26	1	of171032.d	CLP-2 0.53(mm)
CCVRT 460-69122/2		03/31/2011 10:26	1	or171032.d	CLP-1 0.53(mm)
MB 460-68886/1-A		03/31/2011 10:42	1	of171033.d	CLP-2 0.53(mm)
MB 460-68886/1-A		03/31/2011 10:42	1	or171033.d	CLP-1 0.53(mm)
LCS 460-68886/2-A		03/31/2011 10:58	1	of171034.d	CLP-2 0.53(mm)
LCS 460-68886/2-A		03/31/2011 10:58	1	or171034.d	CLP-1 0.53(mm)
460-24277-1 MS	PMP-9-VD-E (3.5-4.0) MS	03/31/2011 11:14	1	of171035.d	CLP-2 0.53(mm)
460-24277-1 MS	PMP-9-VD-E (3.5-4.0) MS	03/31/2011 11:14	1	or171035.d	CLP-1 0.53(mm)
460-24277-1 MSD	PMP-9-VD-E (3.5-4.0) MSD	03/31/2011 11:30	1	of171036.d	CLP-2 0.53(mm)
460-24277-1 MSD	PMP-9-VD-E (3.5-4.0) MSD	03/31/2011 11:30	1	or171036.d	CLP-1 0.53(mm)
460-24277-1	PMP-9-VD-E (3.5-4.0)	03/31/2011 11:47	1	of171037.d	CLP-2 0.53(mm)
460-24277-1	PMP-9-VD-E (3.5-4.0)	03/31/2011 11:47	1	or171037.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 12:17	500		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 12:17	500		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 12:33	500		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 12:33	500		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 12:49	500		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 12:49	500		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 13:05	200		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 13:05	200		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 13:22	10		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 13:22	10		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 13:38	200		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 13:38	200		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 13:55	50		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 13:55	50		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 14:56	50		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 14:56	50		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 15:12	50		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 15:12	50		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 15:28	500		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 15:28	500		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 15:45	1000		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 15:45	1000		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 16:01	2500		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 16:01	2500		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 16:18	10000		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 16:18	10000		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 16:34	10000		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 16:34	10000		CLP-1 0.53(mm)
PIBLK 460-69122/22		03/31/2011 16:50	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/31/2011 10:10

Analysis Batch Number: 69122 End Date: 03/31/2011 17:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-69122/22		03/31/2011 16:50	1		CLP-1 0.53(mm)
CCV 460-69122/23		03/31/2011 17:07	1	of171053.d	CLP-2 0.53(mm)
CCV 460-69122/23		03/31/2011 17:07	1	or171053.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/31/2011 17:24

Analysis Batch Number: 69160 End Date: 03/31/2011 23:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/31/2011 17:24	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 17:24	1		CLP-1 0.53(mm)
CCVRT 460-69160/2		03/31/2011 17:40	1	of171055.d	CLP-2 0.53(mm)
CCVRT 460-69160/2		03/31/2011 17:40	1	or171055.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 17:57	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 17:57	1		CLP-1 0.53(mm)
460-24277-3	PMP-9-SIE (10.5-11)	03/31/2011 18:13	1	of171057.d	CLP-2 0.53(mm)
460-24277-3	PMP-9-SIE (10.5-11)	03/31/2011 18:13	1	or171057.d	CLP-1 0.53(mm)
460-24277-4	DUP-031711 (3.5-4)	03/31/2011 18:30	1	of171058.d	CLP-2 0.53(mm)
460-24277-4	DUP-031711 (3.5-4)	03/31/2011 18:30	1	or171058.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 18:46	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 18:46	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 19:02	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 19:02	1		CLP-1 0.53(mm)
460-24277-7	PMP-10-VD-E (3.5-4.0)	03/31/2011 19:18	1	of171061.d	CLP-2 0.53(mm)
460-24277-7	PMP-10-VD-E (3.5-4.0)	03/31/2011 19:18	1	or171061.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 19:35	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 19:35	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 19:51	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 19:51	1		CLP-1 0.53(mm)
460-24277-10	PMP-10-ST2-E (23.5-24)	03/31/2011 20:08	1	of171064.d	CLP-2 0.53(mm)
460-24277-10	PMP-10-ST2-E (23.5-24)	03/31/2011 20:08	1	or171064.d	CLP-1 0.53(mm)
460-24277-11	PMP-13-VD-E (3.5-4)	03/31/2011 20:24	1	of171065.d	CLP-2 0.53(mm)
460-24277-11	PMP-13-VD-E (3.5-4)	03/31/2011 20:24	1	or171065.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 20:40	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 20:40	1		CLP-1 0.53(mm)
460-24277-13	PMP-13-SI-E (15.5-16)	03/31/2011 20:56	1	of171067.d	CLP-2 0.53(mm)
460-24277-13	PMP-13-SI-E (15.5-16)	03/31/2011 20:56	1	or171067.d	CLP-1 0.53(mm)
460-24277-14	PMP-13-SD-E (23.5-24)	03/31/2011 21:12	1	of171068.d	CLP-2 0.53(mm)
460-24277-14	PMP-13-SD-E (23.5-24)	03/31/2011 21:12	1	or171068.d	CLP-1 0.53(mm)
460-24277-15	PMP-16-VD-E (3.5-4.0)	03/31/2011 21:28	1	of171069.d	CLP-2 0.53(mm)
460-24277-15	PMP-16-VD-E (3.5-4.0)	03/31/2011 21:28	1	or171069.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 21:45	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 21:45	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 22:01	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 22:01	1		CLP-1 0.53(mm)
460-24277-18	PMP-15VD-E (3.5-4)	03/31/2011 22:17	1	of171072.d	CLP-2 0.53(mm)
460-24277-18	PMP-15VD-E (3.5-4)	03/31/2011 22:17	1	or171072.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 22:33	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 22:33	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 22:49	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 22:49	1		CLP-1 0.53(mm)
PIBLK 460-69160/22		03/31/2011 23:05	1		CLP-2 0.53(mm)
PIBLK 460-69160/22		03/31/2011 23:05	1		CLP-1 0.53(mm)

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PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/31/2011 17:24

Analysis Batch Number: 69160 End Date: 03/31/2011 23:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-69160/23		03/31/2011 23:21	1	of171076.d	CLP-2 0.53(mm)
CCV 460-69160/23		03/31/2011 23:21	1	or171076.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/31/2011 23:37

Analysis Batch Number: 69162 End Date: 04/01/2011 05:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-69162/1		03/31/2011 23:37	1		CLP-2 0.53(mm)
PIBLK 460-69162/1		03/31/2011 23:37	1		CLP-1 0.53(mm)
CCVRT 460-69162/2		03/31/2011 23:54	1	of171078.d	CLP-2 0.53(mm)
CCVRT 460-69162/2		03/31/2011 23:54	1	or171078.d	CLP-1 0.53(mm)
ZZZZZ		04/01/2011 00:52	100		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 00:52	100		CLP-1 0.53(mm)
460-24277-5	DUP-031711 (8-8.5)	04/01/2011 01:09	200	of171080.d	CLP-2 0.53(mm)
460-24277-5	DUP-031711 (8-8.5)	04/01/2011 01:09	200	or171080.d	CLP-1 0.53(mm)
460-24277-6	DUP-031711 (10.5-11)	04/01/2011 01:25	100	of171081.d	CLP-2 0.53(mm)
460-24277-6	DUP-031711 (10.5-11)	04/01/2011 01:25	100	or171081.d	CLP-1 0.53(mm)
460-24277-8	PMP-10-WT-E (7.5-8.0)	04/01/2011 01:42	10	of171082.d	CLP-2 0.53(mm)
460-24277-8	PMP-10-WT-E (7.5-8.0)	04/01/2011 01:42	10	or171082.d	CLP-1 0.53(mm)
460-24277-9	PMP-10-ST1-E (15-15.5)	04/01/2011 01:59	2	of171083.d	CLP-2 0.53(mm)
460-24277-9	PMP-10-ST1-E (15-15.5)	04/01/2011 01:59	2	or171083.d	CLP-1 0.53(mm)
460-24277-12	PMP-13-WT-E (7.5-8.0)	04/01/2011 02:15	100	of171084.d	CLP-2 0.53(mm)
460-24277-12	PMP-13-WT-E (7.5-8.0)	04/01/2011 02:15	100	or171084.d	CLP-1 0.53(mm)
ZZZZZ		04/01/2011 02:31	200		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 02:31	200		CLP-1 0.53(mm)
460-24277-17	PMP-16-SI-E (10.5-11.0)	04/01/2011 02:48	10	of171086.d	CLP-2 0.53(mm)
460-24277-17	PMP-16-SI-E (10.5-11.0)	04/01/2011 02:48	10	or171086.d	CLP-1 0.53(mm)
460-24277-19	PMP-15-WT-E (7.5-8)	04/01/2011 03:04	200	of171087.d	CLP-2 0.53(mm)
460-24277-19	PMP-15-WT-E (7.5-8)	04/01/2011 03:04	200	or171087.d	CLP-1 0.53(mm)
460-24277-20	PMP-15-SI-E (15.5-16)	04/01/2011 03:21	2	of171088.d	CLP-2 0.53(mm)
460-24277-20	PMP-15-SI-E (15.5-16)	04/01/2011 03:21	2	or171088.d	CLP-1 0.53(mm)
ZZZZZ		04/01/2011 03:37	250		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 03:37	250		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 03:54	250		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 03:54	250		CLP-1 0.53(mm)
460-24277-2	PMP-9-WT-E (8-8.5)	04/01/2011 04:10	100	of171091.d	CLP-2 0.53(mm)
460-24277-2	PMP-9-WT-E (8-8.5)	04/01/2011 04:10	100	or171091.d	CLP-1 0.53(mm)
460-24277-16	PMP-16-WT-E (8.0-8.5)	04/01/2011 04:27	200	of171092.d	CLP-2 0.53(mm)
460-24277-16	PMP-16-WT-E (8.0-8.5)	04/01/2011 04:27	200	or171092.d	CLP-1 0.53(mm)
ZZZZZ		04/01/2011 04:44	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 04:44	1		CLP-1 0.53(mm)
CCV 460-69162/18		04/01/2011 05:00	1	of171094.d	CLP-2 0.53(mm)
CCV 460-69162/18		04/01/2011 05:00	1	or171094.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 04/01/2011 20:40

Analysis Batch Number: 69307 End Date: 04/02/2011 02:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-69307/1		04/01/2011 20:40	1		CLP-2 0.53(mm)
PIBLK 460-69307/1		04/01/2011 20:40	1		CLP-1 0.53(mm)
CCVRT 460-69307/2		04/01/2011 20:56	1	of171136.d	CLP-2 0.53(mm)
CCVRT 460-69307/2		04/01/2011 20:56	1	or171136.d	CLP-1 0.53(mm)
ZZZZZ		04/01/2011 22:19	50		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 22:19	50		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 22:35	50		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 22:35	50		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 22:52	50		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 22:52	50		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 23:09	5		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 23:09	5		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 23:25	5		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 23:25	5		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 23:41	50		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 23:41	50		CLP-1 0.53(mm)
460-24277-29	PMP-18-VD-E (3.5-4)	04/02/2011 00:06	2	of171143.d	CLP-2 0.53(mm)
460-24277-29	PMP-18-VD-E (3.5-4)	04/02/2011 00:06	2	or171143.d	CLP-1 0.53(mm)
460-24277-30	PMP-18-WT-E (8-8.5)	04/02/2011 00:22	20	of171144.d	CLP-2 0.53(mm)
460-24277-30	PMP-18-WT-E (8-8.5)	04/02/2011 00:22	20	or171144.d	CLP-1 0.53(mm)
ZZZZZ		04/02/2011 00:38	10		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 00:38	10		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 00:55	200		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 00:55	200		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 01:11	20		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 01:11	20		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 01:28	100		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 01:28	100		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 01:44	500		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 01:44	500		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 02:01	25		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 02:01	25		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 02:17	1		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 02:17	1		CLP-1 0.53(mm)
PIBLK 460-69307/18		04/02/2011 02:34	1		CLP-2 0.53(mm)
PIBLK 460-69307/18		04/02/2011 02:34	1		CLP-1 0.53(mm)
CCV 460-69307/19		04/02/2011 02:50	1	of171153.d	CLP-2 0.53(mm)
CCV 460-69307/19		04/02/2011 02:50	1	or171153.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 04/02/2011 03:07

Analysis Batch Number: 69331 End Date: 04/02/2011 05:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-69331/1		04/02/2011 03:07	1		CLP-2 0.53(mm)
PIBLK 460-69331/1		04/02/2011 03:07	1		CLP-1 0.53(mm)
CCVRT 460-69331/2		04/02/2011 03:24	1	of171155.d	CLP-2 0.53(mm)
CCVRT 460-69331/2		04/02/2011 03:24	1	or171155.d	CLP-1 0.53(mm)
ZZZZZ		04/02/2011 03:40	1		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 03:40	1		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 03:58	1		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 03:58	1		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 04:14	1		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 04:14	1		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 04:30	1		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 04:30	1		CLP-1 0.53(mm)
ZZZZZ		04/02/2011 04:47	1		CLP-2 0.53(mm)
ZZZZZ		04/02/2011 04:47	1		CLP-1 0.53(mm)
460-24277-31	PMP-18-SI-E (10.5-11)	04/02/2011 05:03	20	of171161.d	CLP-2 0.53(mm)
460-24277-31	PMP-18-SI-E (10.5-11)	04/02/2011 05:03	20	or171161.d	CLP-1 0.53(mm)
PIBLK 460-69331/9		04/02/2011 05:19	1		CLP-2 0.53(mm)
PIBLK 460-69331/9		04/02/2011 05:19	1		CLP-1 0.53(mm)
CCV 460-69331/10		04/02/2011 05:36	1	of171163.d	CLP-2 0.53(mm)
CCV 460-69331/10		04/02/2011 05:36	1	or171163.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 04/01/2011 10:11

Analysis Batch Number: 69334 End Date: 04/01/2011 20:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-69334/1		04/01/2011 10:11	1		CLP-2 0.53(mm)
PIBLK 460-69334/1		04/01/2011 10:11	1		CLP-1 0.53(mm)
CCVRT 460-69334/2		04/01/2011 10:27	1	of171114.d	CLP-2 0.53(mm)
CCVRT 460-69334/2		04/01/2011 10:27	1	or171114.d	CLP-1 0.53(mm)
MB 460-69030/1-A		04/01/2011 10:43	1	of171115.d	CLP-2 0.53(mm)
MB 460-69030/1-A		04/01/2011 10:43	1	or171115.d	CLP-1 0.53(mm)
LCS 460-69030/2-A		04/01/2011 11:00	1	of171116.d	CLP-2 0.53(mm)
LCS 460-69030/2-A		04/01/2011 11:00	1	or171116.d	CLP-1 0.53(mm)
460-24281-A-31-A MS		04/01/2011 11:17	1	of171117.d	CLP-2 0.53(mm)
460-24281-A-31-A MS		04/01/2011 11:17	1	or171117.d	CLP-1 0.53(mm)
460-24281-A-31-B MSD		04/01/2011 11:33	1	of171118.d	CLP-2 0.53(mm)
460-24281-A-31-B MSD		04/01/2011 11:33	1	or171118.d	CLP-1 0.53(mm)
ZZZZZ		04/01/2011 11:50	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 11:50	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 12:06	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 12:06	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 13:41	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 13:41	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 13:57	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 13:57	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 14:13	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 14:13	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 14:29	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 14:46	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 15:03	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 15:03	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 15:19	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 15:19	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 17:45	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 17:45	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 18:02	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 18:02	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 19:18	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 19:18	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 19:35	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 19:35	1		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 19:52	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 19:52	1		CLP-1 0.53(mm)
PIBLK 460-69334/21		04/01/2011 20:08	1		CLP-2 0.53(mm)
PIBLK 460-69334/21		04/01/2011 20:08	1		CLP-1 0.53(mm)
CCV 460-69334/22		04/01/2011 20:24	1	of171134.d	CLP-2 0.53(mm)
CCV 460-69334/22		04/01/2011 20:24	1	or171134.d	CLP-1 0.53(mm)

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PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 03/31/2011 02:05

Analysis Batch Number: 69037 End Date: 03/31/2011 06:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/31/2011 02:05	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 02:05	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 02:21	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 02:21	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 02:37	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 02:37	1		CLP-1 0.53(mm)
IC 460-69037/4		03/31/2011 02:53	1	qf082560.d	CLP-2 0.53(mm)
IC 460-69037/4		03/31/2011 02:53	1	qr082560.d	CLP-1 0.53(mm)
IC 460-69037/5		03/31/2011 03:09	1	qf082561.d	CLP-2 0.53(mm)
IC 460-69037/5		03/31/2011 03:09	1	qr082561.d	CLP-1 0.53(mm)
IC 460-69037/6		03/31/2011 03:25	1	qf082562.d	CLP-2 0.53(mm)
IC 460-69037/6		03/31/2011 03:25	1	qr082562.d	CLP-1 0.53(mm)
IC 460-69037/7		03/31/2011 03:41	1	qf082563.d	CLP-2 0.53(mm)
IC 460-69037/7		03/31/2011 03:41	1	qr082563.d	CLP-1 0.53(mm)
IC 460-69037/8		03/31/2011 03:57	1	qf082564.d	CLP-2 0.53(mm)
IC 460-69037/8		03/31/2011 03:57	1	qr082564.d	CLP-1 0.53(mm)
IC 460-69037/9		03/31/2011 04:13	1	qf082565.d	CLP-2 0.53(mm)
IC 460-69037/9		03/31/2011 04:13	1	qr082565.d	CLP-1 0.53(mm)
IC 460-69037/10		03/31/2011 04:28	1	qf082566.d	CLP-2 0.53(mm)
IC 460-69037/10		03/31/2011 04:28	1	qr082566.d	CLP-1 0.53(mm)
IC 460-69037/11		03/31/2011 04:44	1	qf082567.d	CLP-2 0.53(mm)
IC 460-69037/11		03/31/2011 04:44	1	qr082567.d	CLP-1 0.53(mm)
IC 460-69037/12		03/31/2011 05:00	1	qf082568.d	CLP-2 0.53(mm)
IC 460-69037/12		03/31/2011 05:00	1	qr082568.d	CLP-1 0.53(mm)
IC 460-69037/13		03/31/2011 05:16	1	qf082569.d	CLP-2 0.53(mm)
IC 460-69037/13		03/31/2011 05:16	1	qr082569.d	CLP-1 0.53(mm)
IC 460-69037/14		03/31/2011 05:32	1	qf082570.d	CLP-2 0.53(mm)
IC 460-69037/14		03/31/2011 05:32	1	qr082570.d	CLP-1 0.53(mm)
IC 460-69037/15		03/31/2011 05:47	1	qf082571.d	CLP-2 0.53(mm)
IC 460-69037/15		03/31/2011 05:47	1	qr082571.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 06:03	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 06:03	1		CLP-1 0.53(mm)

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PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 03/31/2011 14:01

Analysis Batch Number: 69158 End Date: 03/31/2011 20:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-69158/1		03/31/2011 14:01	1		CLP-2 0.53(mm)
PIBLK 460-69158/1		03/31/2011 14:01	1		CLP-1 0.53(mm)
CCVRT 460-69158/2		03/31/2011 14:17	1	qf082594.d	CLP-2 0.53(mm)
CCVRT 460-69158/2		03/31/2011 14:17	1	qr082594.d	CLP-1 0.53(mm)
MB 460-68889/1-A		03/31/2011 14:33	1	qf082595.d	CLP-2 0.53(mm)
MB 460-68889/1-A		03/31/2011 14:33	1	qr082595.d	CLP-1 0.53(mm)
LCS 460-68889/2-A		03/31/2011 14:49	1	qf082596.d	CLP-2 0.53(mm)
LCS 460-68889/2-A		03/31/2011 14:49	1	qr082596.d	CLP-1 0.53(mm)
460-24337-A-13-A MS		03/31/2011 15:05	1	qf082597.d	CLP-2 0.53(mm)
460-24337-A-13-A MS		03/31/2011 15:05	1	qr082597.d	CLP-1 0.53(mm)
460-24337-A-13-B MSD		03/31/2011 15:21	1	qf082598.d	CLP-2 0.53(mm)
460-24337-A-13-B MSD		03/31/2011 15:21	1	qr082598.d	CLP-1 0.53(mm)
460-24277-21	PMP-15-SD-E (23.5-24.0)	03/31/2011 15:37	1	qf082599.d	CLP-2 0.53(mm)
460-24277-21	PMP-15-SD-E (23.5-24.0)	03/31/2011 15:37	1	qr082599.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 15:56	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 15:56	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 16:12	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 16:12	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 16:28	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 16:28	1		CLP-1 0.53(mm)
460-24277-25	PMP-28-SI2-E (15-17)	03/31/2011 16:44	1	qf082603.d	CLP-2 0.53(mm)
460-24277-25	PMP-28-SI2-E (15-17)	03/31/2011 16:44	1	qr082603.d	CLP-1 0.53(mm)
460-24277-26	PMP-17-VD-E (3.5-4)	03/31/2011 17:00	1	qf082604.d	CLP-2 0.53(mm)
460-24277-26	PMP-17-VD-E (3.5-4)	03/31/2011 17:00	1	qr082604.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 17:16	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 17:16	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 17:32	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 17:32	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 17:49	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 17:49	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 18:05	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 18:05	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 18:21	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 18:21	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 18:35	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 18:35	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 18:51	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 18:51	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 19:07	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 19:07	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 19:23	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 19:23	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 19:39	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 19:39	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 03/31/2011 14:01

Analysis Batch Number: 69158 End Date: 03/31/2011 20:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-69158/23		03/31/2011 19:55	1		CLP-2 0.53(mm)
PIBLK 460-69158/23		03/31/2011 19:55	1		CLP-1 0.53(mm)
CCV 460-69158/24		03/31/2011 20:11	1	qf082616.d	CLP-2 0.53(mm)
CCV 460-69158/24		03/31/2011 20:11	1	qr082616.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: PESTGC8 Start Date: 03/31/2011 22:34

Analysis Batch Number: 69159 End Date: 04/01/2011 01:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-69159/1		03/31/2011 22:34	1		CLP-2 0.53(mm)
PIBLK 460-69159/1		03/31/2011 22:34	1		CLP-1 0.53(mm)
CCVRT 460-69159/2		03/31/2011 22:51	1	qf082626.d	CLP-2 0.53(mm)
CCVRT 460-69159/2		03/31/2011 22:51	1	qr082626.d	CLP-1 0.53(mm)
460-24277-22	PMP-28-VD-E (3-5)	03/31/2011 23:19	500	qf082627.d	CLP-2 0.53(mm)
460-24277-22	PMP-28-VD-E (3-5)	03/31/2011 23:19	500	qr082627.d	CLP-1 0.53(mm)
460-24277-23	PMP-28-WT-E (8-8.5)	03/31/2011 23:35	50	qf082628.d	CLP-2 0.53(mm)
460-24277-23	PMP-28-WT-E (8-8.5)	03/31/2011 23:35	50	qr082628.d	CLP-1 0.53(mm)
460-24277-24	PMP-28-SI1-E (11-13)	03/31/2011 23:51	5	qf082629.d	CLP-2 0.53(mm)
460-24277-24	PMP-28-SI1-E (11-13)	03/31/2011 23:51	5	qr082629.d	CLP-1 0.53(mm)
460-24277-27	PMP-17-WT-E (8-8.5)	04/01/2011 00:07	100	qf082630.d	CLP-2 0.53(mm)
460-24277-27	PMP-17-WT-E (8-8.5)	04/01/2011 00:07	100	qr082630.d	CLP-1 0.53(mm)
460-24277-28	PMP-17-SI-E (10.5-11.0)	04/01/2011 00:23	10	qf082631.d	CLP-2 0.53(mm)
460-24277-28	PMP-17-SI-E (10.5-11.0)	04/01/2011 00:23	10	qr082631.d	CLP-1 0.53(mm)
PIBLK 460-69159/8		04/01/2011 01:41	1		CLP-2 0.53(mm)
PIBLK 460-69159/8		04/01/2011 01:41	1		CLP-1 0.53(mm)
CCV 460-69159/9		04/01/2011 01:57	1	qf082633.d	CLP-2 0.53(mm)
CCV 460-69159/9		04/01/2011 01:57	1	qr082633.d	CLP-1 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68886 Batch Start Date: 03/30/11 03:55 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 03/30/11 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00015	OPPSTPCBSU 00016	
MB 460-68886/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-68886/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-24277-F-1 MS	PMP-9-VD-E (3.5-4.0)	3541, 8082	T	15.02 g	10 mL	75	50 uL	50 uL	
460-24277-F-1 MSD	PMP-9-VD-E (3.5-4.0)	3541, 8082	T	15.04 g	10 mL	76	50 uL	50 uL	
460-24277-F-1	PMP-9-VD-E (3.5-4.0)	3541, 8082	T	15.02 g	10 mL	77		50 uL	
460-24277-F-2	PMP-9-WT-E (8-8.5)	3541, 8082	T	15.00 g	10 mL	78		50 uL	
460-24277-F-3	PMP-9-SIE (10.5-11)	3541, 8082	T	15.04 g	10 mL	79		50 uL	
460-24277-F-4	DUP-031711 (3.5-4)	3541, 8082	T	15.03 g	10 mL	80		50 uL	
460-24277-F-5	DUP-031711 (8-8.5)	3541, 8082	T	15.00 g	10 mL	81		50 uL	
460-24277-F-6	DUP-031711 (10.5-11)	3541, 8082	T	15.00 g	10 mL	82		50 uL	
460-24277-F-7	PMP-10-VD-E (3.5-4.0)	3541, 8082	T	15.05 g	10 mL	83		50 uL	
460-24277-F-8	PMP-10-WT-E (7.5-8.0)	3541, 8082	T	15.03 g	10 mL	84		50 uL	
460-24277-F-9	PMP-10-ST1-E (15-15.5)	3541, 8082	T	15.00 g	10 mL	37		50 uL	
460-24277-F-10	PMP-10-ST2-E (23.5-24)	3541, 8082	T	15.00 g	10 mL	38		50 uL	
460-24277-F-11	PMP-13-VD-E (3.5-4)	3541, 8082	T	15.04 g	10 mL	39		50 uL	
460-24277-F-12	PMP-13-WT-E (7.5-8.0)	3541, 8082	T	15.03 g	10 mL	40		50 uL	
460-24277-F-13	PMP-13-SI-E (15.5-16)	3541, 8082	T	15.00 g	10 mL	41		50 uL	
460-24277-F-14	PMP-13-SD-E (23.5-24)	3541, 8082	T	15.02 g	10 mL	42		50 uL	
460-24277-F-15	PMP-16-VD-E (3.5-4.0)	3541, 8082	T	15.00 g	10 mL	31		50 uL	
460-24277-F-16	PMP-16-WT-E (8.0-8.5)	3541, 8082	T	15.00 g	10 mL	32		50 uL	
460-24277-F-17	PMP-16-SI-E (10.5-11.0)	3541, 8082	T	15.03 g	10 mL	33		50 uL	
460-24277-F-18	PMP-15VD-E (3.5-4)	3541, 8082	T	15.04 g	10 mL	34		50 uL	
460-24277-F-19	PMP-15-WT-E (7.5-8)	3541, 8082	T	15.02 g	10 mL	35		50 uL	

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68886 Batch Start Date: 03/30/11 03:55 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 03/30/11 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00015	OPPSTPCBSU 00016	
460-24277-F-20	PMP-15-SI-E (15.5-16)	3541, 8082	T	15.05 g	10 mL	36		50 uL	

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Blank Soil Lot Number	j41625
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	12pm
Vendor lot number	k05e15
Na2SO4 Lot Number	j41625
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	3:55am
TBA Lot #	op 88

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68889 Batch Start Date: 03/30/11 04:35 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 03/30/11 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00015	OPPSTPCBSU 00016	
MB 460-68889/1		3541, 8082		15.00 g	10 mL	37		50 uL	
LCS 460-68889/2		3541, 8082		15.00 g	10 mL	38	50 uL	50 uL	
460-24337-A-13 MS		3541, 8082	T	15.01 g	10 mL	39	50 uL	50 uL	
460-24337-A-13 MSD		3541, 8082	T	15.00 g	10 mL	40	50 uL	50 uL	
460-24277-F-21	PMP-15-SD-E (23.5-24.0)	3541, 8082	T	15.00 g	10 mL	41		50 uL	
460-24277-F-22	PMP-28-VD-E (3-5)	3541, 8082	T	15.04 g	10 mL	42		50 uL	
460-24277-F-23	PMP-28-WT-E (8-8.5)	3541, 8082	T	15.00 g	10 mL	31		50 uL	
460-24277-F-24	PMP-28-SI1-E (11-13)	3541, 8082	T	15.02 g	10 mL	32		50 uL	
460-24277-F-25	PMP-28-SI2-E (15-17)	3541, 8082	T	15.03 g	10 mL	33		50 uL	
460-24277-F-26	PMP-17-VD-E (3.5-4)	3541, 8082	T	15.05 g	10 mL	34		50 uL	
460-24277-F-27	PMP-17-WT-E (8-8.5)	3541, 8082	T	15.01 g	10 mL	35		50 uL	
460-24277-F-28	PMP-17-SI-E (10.5-11.0)	3541, 8082	T	15.02 g	10 mL	36		50 uL	

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68889 Batch Start Date: 03/30/11 04:35 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 03/30/11 12:00

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Blank Soil Lot Number	j41625
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	12pm
Vendor lot number	k05e15
Na2SO4 Lot Number	j41625
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	4:35am
TBA Lot #	op088

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 69030 Batch Start Date: 03/31/11 09:06 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 03/31/11 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00015	OPPSTPCBSU 00016	
MB 460-69030/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-69030/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-24281-A-31 MS		3541, 8082	T	15.04 g	10 mL	75	50 uL	50 uL	
460-24281-A-31 MSD		3541, 8082	T	15.00 g	10 mL	76	50 uL	50 uL	
460-24277-F-29	PMP-18-VD-E (3.5-4)	3541, 8082	T	15.03 g	10 mL	77		50 uL	
460-24277-F-30	PMP-18-WT-E (8-8.5)	3541, 8082	T	15.02 g	10 mL	78		50 uL	
460-24277-F-31	PMP-18-SI-E (10.5-11)	3541, 8082	T	15.05 g	10 mL	79		50 uL	

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Blank Soil Lot Number	j41625
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	12pm
Vendor lot number	k05e15
Na2SO4 Lot Number	j41625
Person's name who did the prep	archie
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	9:06am
TBA Lot #	op088

Basis	Basis Description
T	Total/NA

Method NJ OQA QAM 025

New Jersey - Total petroleum Hydrocarbons (GC) by Method NJ_OQA_QAM_025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low

GC Column (2): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-9-VD-E (3.5-4.0)	460-24277-1	67	78
PMP-9-WT-E (8-8.5)	460-24277-2	0 D X	0 D X
PMP-9-SIE (10.5-11)	460-24277-3	63	80
DUP-031711 (3.5-4)	460-24277-4	59	104
DUP-031711 (8-8.5)	460-24277-5	0 D X	0 D X
DUP-031711 (10.5-11)	460-24277-6	59	108
PMP-10-VD-E (3.5-4.0)	460-24277-7	69	80
PMP-10-WT-E (7.5-8.0)	460-24277-8	0 X D	0 X D
PMP-10-ST1-E (15-15.5)	460-24277-9	59	142 X
PMP-10-ST2-E (23.5-24)	460-24277-10	70	75
PMP-13-VD-E (3.5-4)	460-24277-11	65	71
PMP-13-WT-E (7.5-8.0)	460-24277-12	0 X D	0 X D
PMP-13-SI-E (15.5-16)	460-24277-13	61	68
PMP-13-SD-E (23.5-24)	460-24277-14	61	69
PMP-16-VD-E (3.5-4.0)	460-24277-15	84	101
PMP-16-WT-E (8.0-8.5)	460-24277-16	0 X D	0 X D
PMP-16-SI-E (10.5-11.0)	460-24277-17	65	131 X
PMP-15VD-E (3.5-4)	460-24277-18	81	96
PMP-15-WT-E (7.5-8)	460-24277-19	0 X D	0 X D
PMP-15-SI-E (15.5-16)	460-24277-20	79	94
PMP-15-SD-E (23.5-24.0)	460-24277-21	75	88
PMP-28-VD-E (3-5)	460-24277-22	0 X D	0 X D
PMP-28-WT-E (8-8.5)	460-24277-23	0 X D	0 X D
PMP-28-SI1-E (11-13)	460-24277-24	0 X D	0 X D
PMP-28-SI2-E (15-17)	460-24277-25	82	99
PMP-17-VD-E (3.5-4)	460-24277-26	76	89

	QC LIMITS
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low

GC Column (2): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-17-WT-E (8-8.5)	460-24277-27	0 X D	0 X D
PMP-17-SI-E (10.5-11.0)	460-24277-28	69	64
PMP-18-VD-E (3.5-4)	460-24277-29	75	98
PMP-18-WT-E (8-8.5)	460-24277-30	0 X D	0 X D
PMP-18-SI-E (10.5-11)	460-24277-31	0 X D	0 X D
	MB 460-68964/1-A	68	73
	MB 460-69044/1-A	99	116 X
	LCS 460-68964/2-A	58	77
	LCS 460-68964/2-A	60	84
	LCS 460-69044/2-A	101	117 X
PMP-9-VD-E (3.5-4.0) MS	460-24277-1 MS	78	97
PMP-16-VD-E (3.5-4.0) MS	460-24277-15 MS	120 X	145 X
PMP-9-VD-E (3.5-4.0) MSD	460-24277-1 MSD	78	95
PMP-16-VD-E (3.5-4.0) MSD	460-24277-15 MSD	99	122 X

	QC LIMITS
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60046.d

Lab ID: LCS 460-68964/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	72.1	54	58-112	*

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60325.d

Lab ID: LCS 460-68964/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	91.3	68	58-112	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60151.d

Lab ID: LCS 460-69044/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	116	87	58-112	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60073.d

Lab ID: 460-24277-1 MS Client ID: PMP-9-VD-E (3.5-4.0) MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	5.7 U	76.7	53	58-112	F

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60437.d

Lab ID: 460-24277-15 MS Client ID: PMP-16-VD-E (3.5-4.0) MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	147	7.4	142	90	58-112	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60074.d

Lab ID: 460-24277-1 MSD Client ID: PMP-9-VD-E (3.5-4.0) MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	77.7	54	1	40	58-112	F

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60438.d

Lab ID: 460-24277-15 MSD Client ID: PMP-16-VD-E (3.5-4.0) MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	147	120	75	17	40	58-112	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: gcr60043.d Lab Sample ID: MB 460-68964/1-A

Matrix: Solid Date Extracted: 03/30/2011 10:00

Instrument ID: BNAGC1 Date Analyzed: 04/02/2011 06:34

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68964/2-A	gcr60046.d	04/02/2011 07:24
PMP-9-VD-E (3.5-4.0)	460-24277-1	gcr60047.d	04/02/2011 07:37
PMP-9-SIE (10.5-11)	460-24277-3	gcr60049.d	04/02/2011 08:07
PMP-10-VD-E (3.5-4.0)	460-24277-7	gcr60053.d	04/02/2011 09:04
PMP-10-ST2-E (23.5-24)	460-24277-10	gcr60060.d	04/02/2011 10:37
PMP-13-VD-E (3.5-4)	460-24277-11	gcr60061.d	04/02/2011 10:52
PMP-13-SI-E (15.5-16)	460-24277-13	gcr60063.d	04/02/2011 11:22
PMP-13-SD-E (23.5-24)	460-24277-14	gcr60064.d	04/02/2011 11:34
PMP-9-VD-E (3.5-4.0) MS	460-24277-1 MS	gcr60073.d	04/02/2011 13:51
PMP-9-VD-E (3.5-4.0) MSD	460-24277-1 MSD	gcr60074.d	04/02/2011 14:06
	LCS 460-68964/2-A	gcr60325.d	04/05/2011 09:14
PMP-9-WT-E (8-8.5)	460-24277-2	gcr60328.d	04/05/2011 09:55
DUP-031711 (3.5-4)	460-24277-4	gcr60329.d	04/05/2011 10:10
DUP-031711 (8-8.5)	460-24277-5	gcr60330.d	04/05/2011 10:20
DUP-031711 (10.5-11)	460-24277-6	gcr60331.d	04/05/2011 10:35
PMP-10-WT-E (7.5-8.0)	460-24277-8	gcr60332.d	04/05/2011 10:49
PMP-10-ST1-E (15-15.5)	460-24277-9	gcr60336.d	04/05/2011 11:53
PMP-13-WT-E (7.5-8.0)	460-24277-12	gcr60411.d	04/06/2011 07:05

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab File ID: gcr60529.d Lab Sample ID: MB 460-69044/1-A

Matrix: Solid Date Extracted: 03/31/2011 10:21

Instrument ID: BNAGC1 Date Analyzed: 04/07/2011 11:33

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PMP-16-WT-E (8.0-8.5)	460-24277-16	gcr60356.d	04/05/2011 16:55
PMP-16-SI-E (10.5-11.0)	460-24277-17	gcr60357.d	04/05/2011 17:10
PMP-15-WT-E (7.5-8)	460-24277-19	gcr60358.d	04/05/2011 17:25
PMP-28-VD-E (3-5)	460-24277-22	gcr60359.d	04/05/2011 17:35
PMP-28-WT-E (8-8.5)	460-24277-23	gcr60360.d	04/05/2011 17:40
PMP-28-SI1-E (11-13)	460-24277-24	gcr60427.d	04/06/2011 10:58
PMP-17-WT-E (8-8.5)	460-24277-27	gcr60428.d	04/06/2011 11:13
PMP-17-SI-E (10.5-11.0)	460-24277-28	gcr60429.d	04/06/2011 11:35
PMP-18-WT-E (8-8.5)	460-24277-30	gcr60430.d	04/06/2011 11:50
PMP-18-SI-E (10.5-11)	460-24277-31	gcr60431.d	04/06/2011 12:05
PMP-16-VD-E (3.5-4.0) MS	460-24277-15 MS	gcr60437.d	04/06/2011 13:22
PMP-16-VD-E (3.5-4.0) MSD	460-24277-15 MSD	gcr60438.d	04/06/2011 13:49
PMP-15-SD-E (23.5-24.0)	460-24277-21	gcr60537.d	04/07/2011 13:29
PMP-28-SI2-E (15-17)	460-24277-25	gcr60538.d	04/07/2011 13:43
PMP-16-VD-E (3.5-4.0)	460-24277-15	gcr60543.d	04/07/2011 14:51
PMP-15VD-E (3.5-4)	460-24277-18	gcr60544.d	04/07/2011 15:06
PMP-15-SI-E (15.5-16)	460-24277-20	gcr60545.d	04/07/2011 15:18
PMP-17-VD-E (3.5-4)	460-24277-26	gcr60546.d	04/07/2011 15:32
PMP-18-VD-E (3.5-4)	460-24277-29	gcr60547.d	04/07/2011 15:47

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) Lab Sample ID: 460-24277-1

Matrix: Solid Lab File ID: gcr60047.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 13:55

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.04(g) Date Analyzed: 04/02/2011 07:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.7	U *	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		48-112
108-90-7	Chlorobenzene	67		32-106

Data File: gcr60047.d
Report Date: 03-Apr-2011 11:24

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60047.d
Lab Smp Id: 460-24277-F-1-F Client Smp ID: PMP-9-VD-E (3.5-4.0
Inj Date : 02-APR-2011 07:37
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-1-F
Misc Info : 460-24277-F-1-F
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:24 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 57
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	4.36681	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.497	3.497	0.000	948516	15.6184	1.1(M)
$ 2 Chlorobenzene (sur)	0.732	0.733	-0.001	480566	13.4346	0.93(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

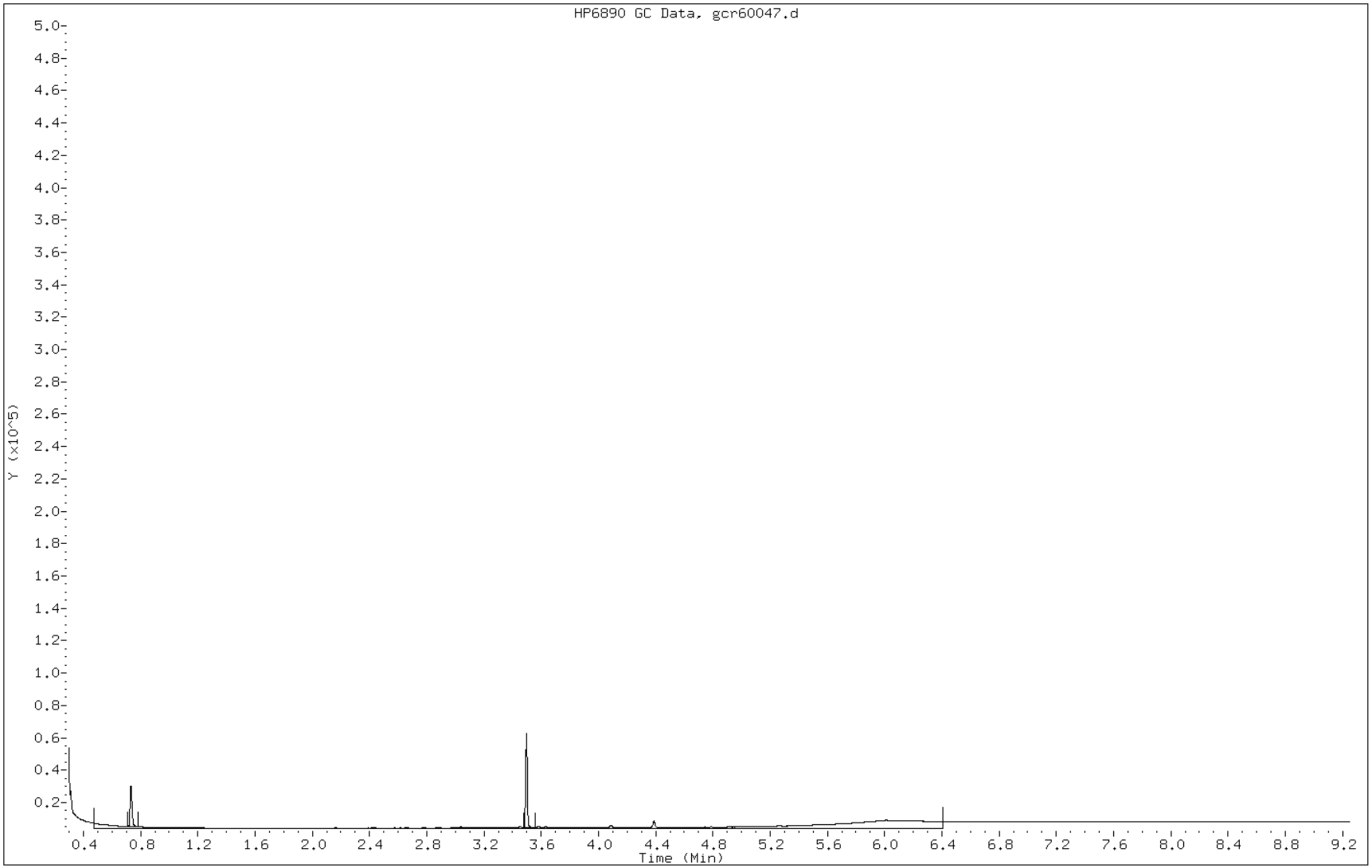
M - Compound response manually integrated.

Data File: gcr60047.d

Date: 02-APR-2011 07:37

Client ID: PMP-9-VD-E (3.5-4.0 Instrument: BNAGC1.i

Sample Info: 460-24277-F-1-F Operator: BNAGC1



Manual Integration Report

Data File: gcr60047.d
Inj. Date and Time: 02-APR-2011 07:37
Instrument ID: BNAGC1.i
Client ID: PMP-9-VD-E (3.5-4.0
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

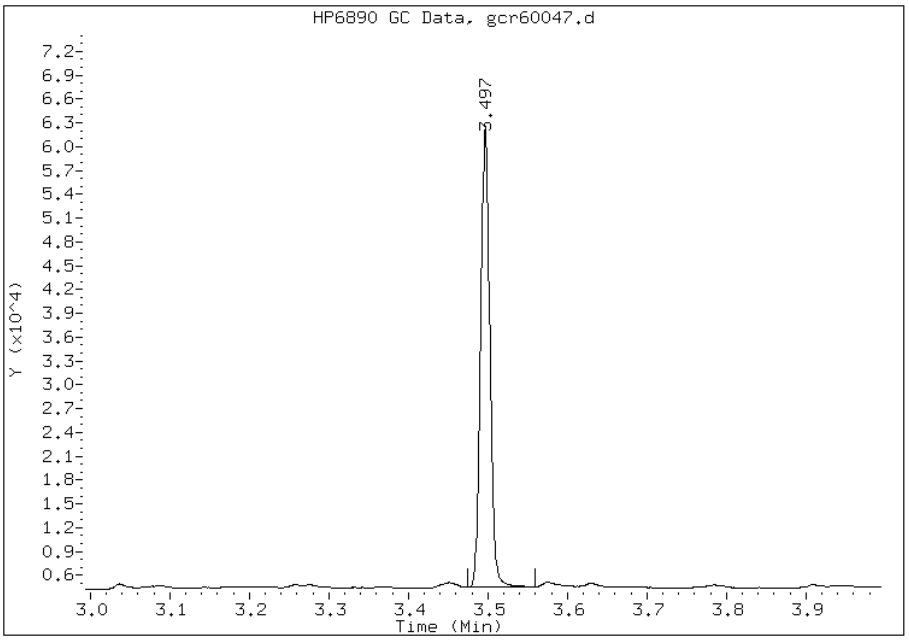
Manual Integration Results

RT: 3.50

Response: 948516

Amount: 15.62

Conc: 1.09



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60047.d
Inj. Date and Time: 02-APR-2011 07:37
Instrument ID: BNAGC1.i
Client ID: PMP-9-VD-E (3.5-4.0
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

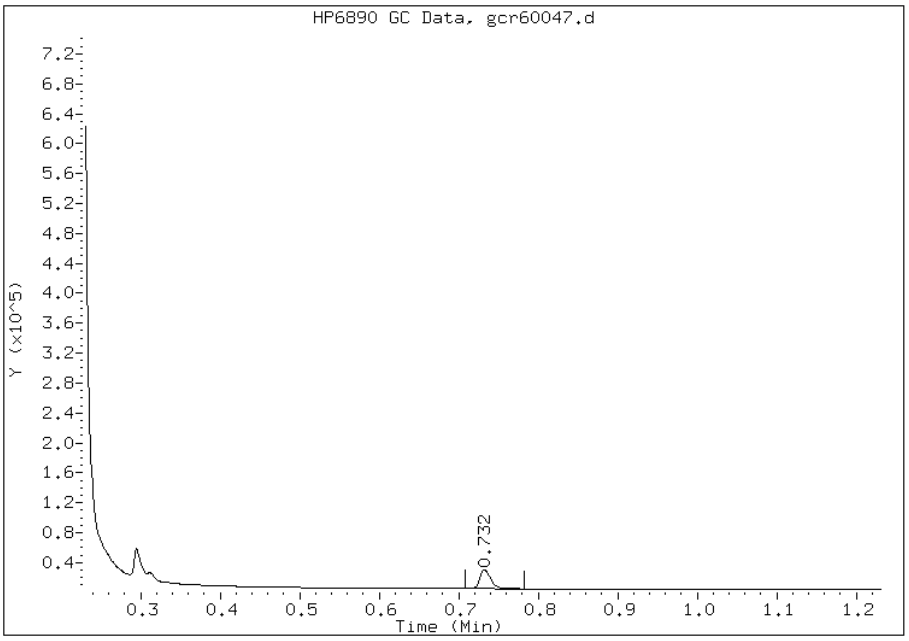
Manual Integration Results

RT: 0.73

Response: 480566

Amount: 13.43

Conc: 0.93



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-WT-E (8-8.5) Lab Sample ID: 460-24277-2

Matrix: Solid Lab File ID: gcr60328.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 13:57

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/05/2011 09:55

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1800		63	63

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	48-112
108-90-7	Chlorobenzene	0	D X	32-106

Data File: gcr60328.d
Report Date: 05-Apr-2011 11:14

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60328.d
Lab Smp Id: 460-24277-F-2-B Client Smp ID: PMP-9-WT-E (8-8.5)
Inj Date : 05-APR-2011 09:55
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-2-B
Misc Info : 460-24277-F-2-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 09:08 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 9
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	12.50000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	2.655	3.265	-0.610	142537153	2398.16	1830(M)

QC Flag Legend

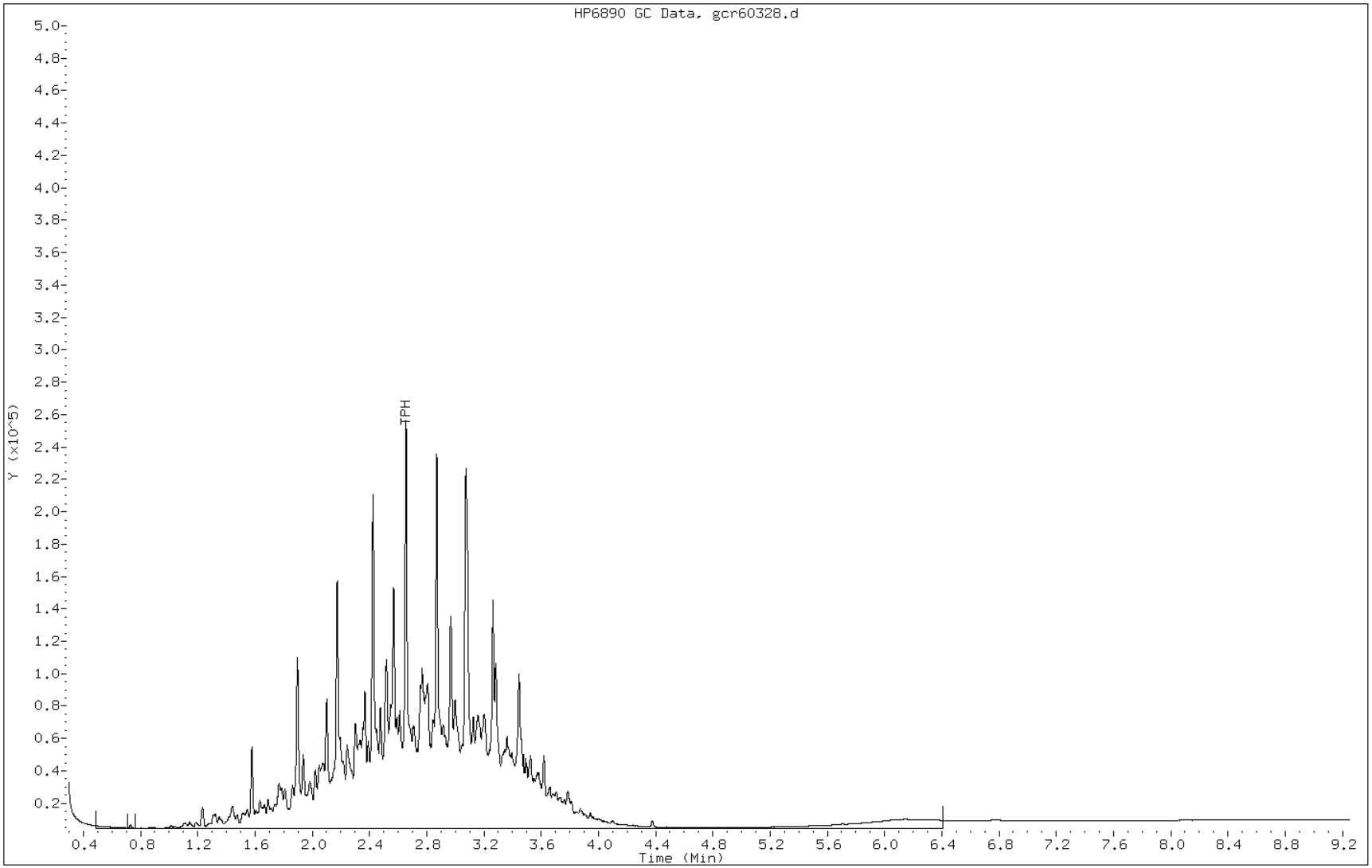
M - Compound response manually integrated.

Data File: gcr60328.d

Date: 05-APR-2011 09:55

Client ID: PMP-9-WT-E (8-8.5) Instrument: BNAGC1.i

Sample Info: 460-24277-F-2-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-SIE (10.5-11) Lab Sample ID: 460-24277-3

Matrix: Solid Lab File ID: gcr60049.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 14:00

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.01(g) Date Analyzed: 04/02/2011 08:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	88	*	6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		48-112
108-90-7	Chlorobenzene	63		32-106

Data File: gcr60049.d
Report Date: 03-Apr-2011 11:24

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60049.d
Lab Smp Id: 460-24277-F-3-B Client Smp ID: PMP-9-SIE (10.5-11)
Inj Date : 02-APR-2011 08:07
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-3-B
Misc Info : 460-24277-F-3-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:24 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 59
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	11.17166	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.495	3.497	-0.002	974857	16.0521	1.2(M)
$ 2 Chlorobenzene (sur)	0.732	0.733	-0.001	450865	12.6043	0.94(M)
3 TPH	2.664	3.631	-0.967	69941175	1176.75	88.2(M)

QC Flag Legend

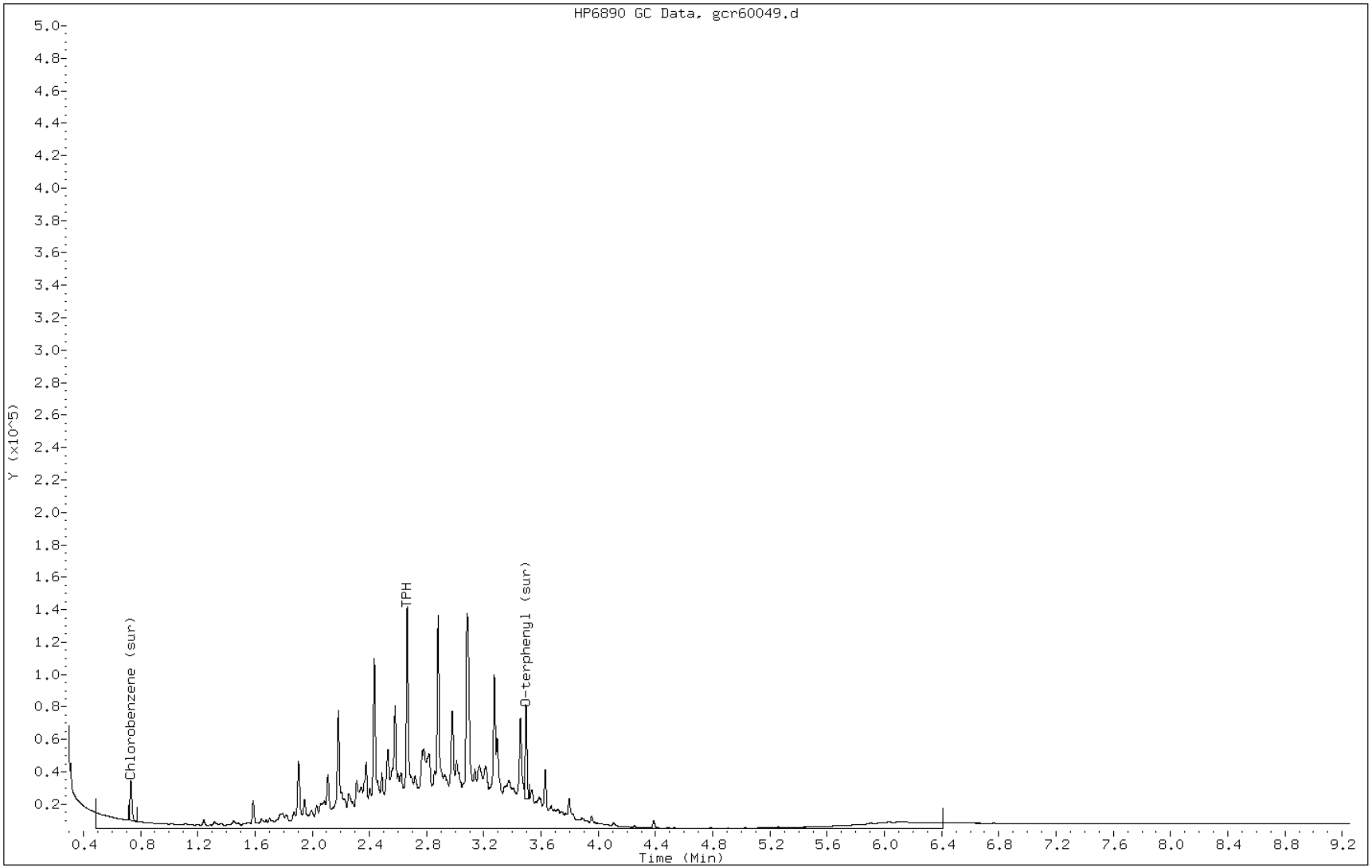
M - Compound response manually integrated.

Data File: gcr60049.d

Date: 02-APR-2011 08:07

Client ID: PMP-9-SIE (10.5-11) Instrument: BNAGC1.i

Sample Info: 460-24277-F-3-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60049.d
Inj. Date and Time: 02-APR-2011 08:07
Instrument ID: BNAGC1.i
Client ID: PMP-9-SIE (10.5-11)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

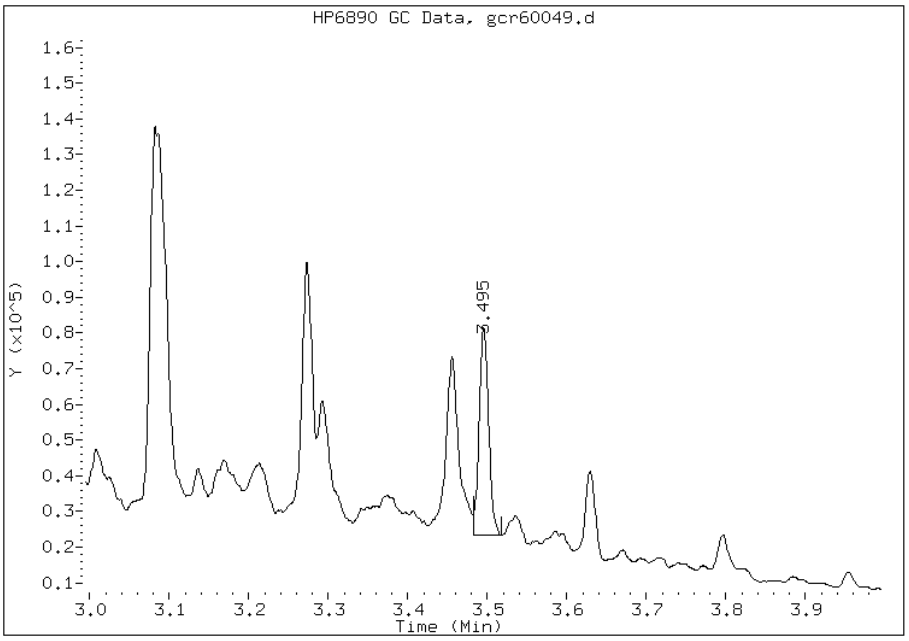
Manual Integration Results

RT: 3.50

Response: 974857

Amount: 16.05

Conc: 1.20



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60049.d
Inj. Date and Time: 02-APR-2011 08:07
Instrument ID: BNAGC1.i
Client ID: PMP-9-SIE (10.5-11)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

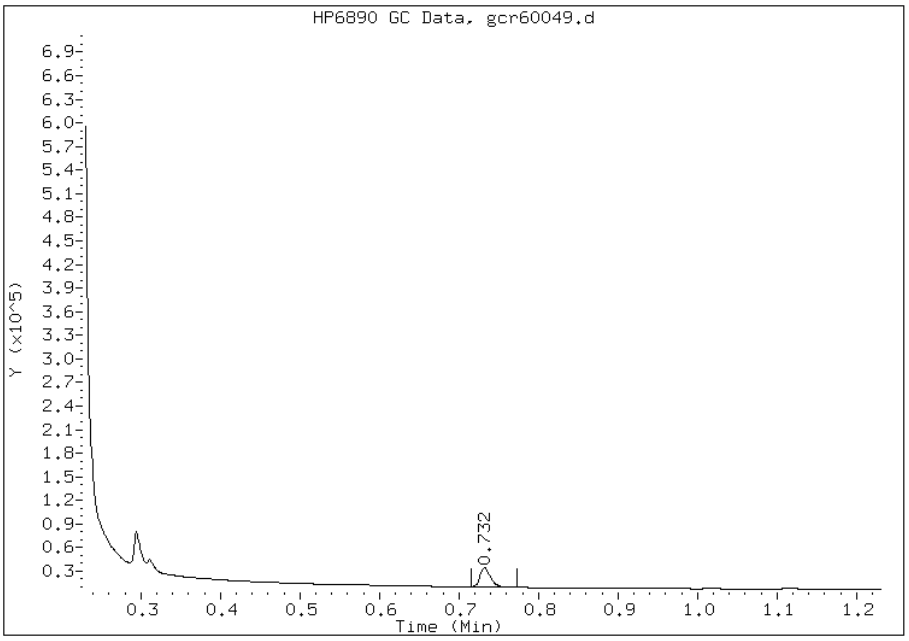
Manual Integration Results

RT: 0.73

Response: 450865

Amount: 12.60

Conc: 0.95



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (3.5-4) | Lab Sample ID: 460-24277-4

Matrix: Solid | Lab File ID: gcr60329.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 03/17/2011 00:00

Extraction Method: 3546 | Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.01(g) | Date Analyzed: 04/05/2011 10:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	550		11	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	104		48-112
108-90-7	Chlorobenzene	59		32-106

Data File: gcr60329.d
Report Date: 05-Apr-2011 11:14

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60329.d
Lab Smp Id: 460-24277-F-4-B Client Smp ID: DUP-031711 (3.5-4)
Inj Date : 05-APR-2011 10:10
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-4-B
Misc Info : 460-24277-F-4-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 09:08 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 10
Dil Factor: 2.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	3.83973	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.484	3.486	-0.002	634615	10.4496	1.4(M)
$ 2 Chlorobenzene (sur)	0.728	0.727	0.001	210925	5.89656	0.82(M)
3 TPH	3.283	3.265	0.018	236934530	3986.38	552(M)

QC Flag Legend

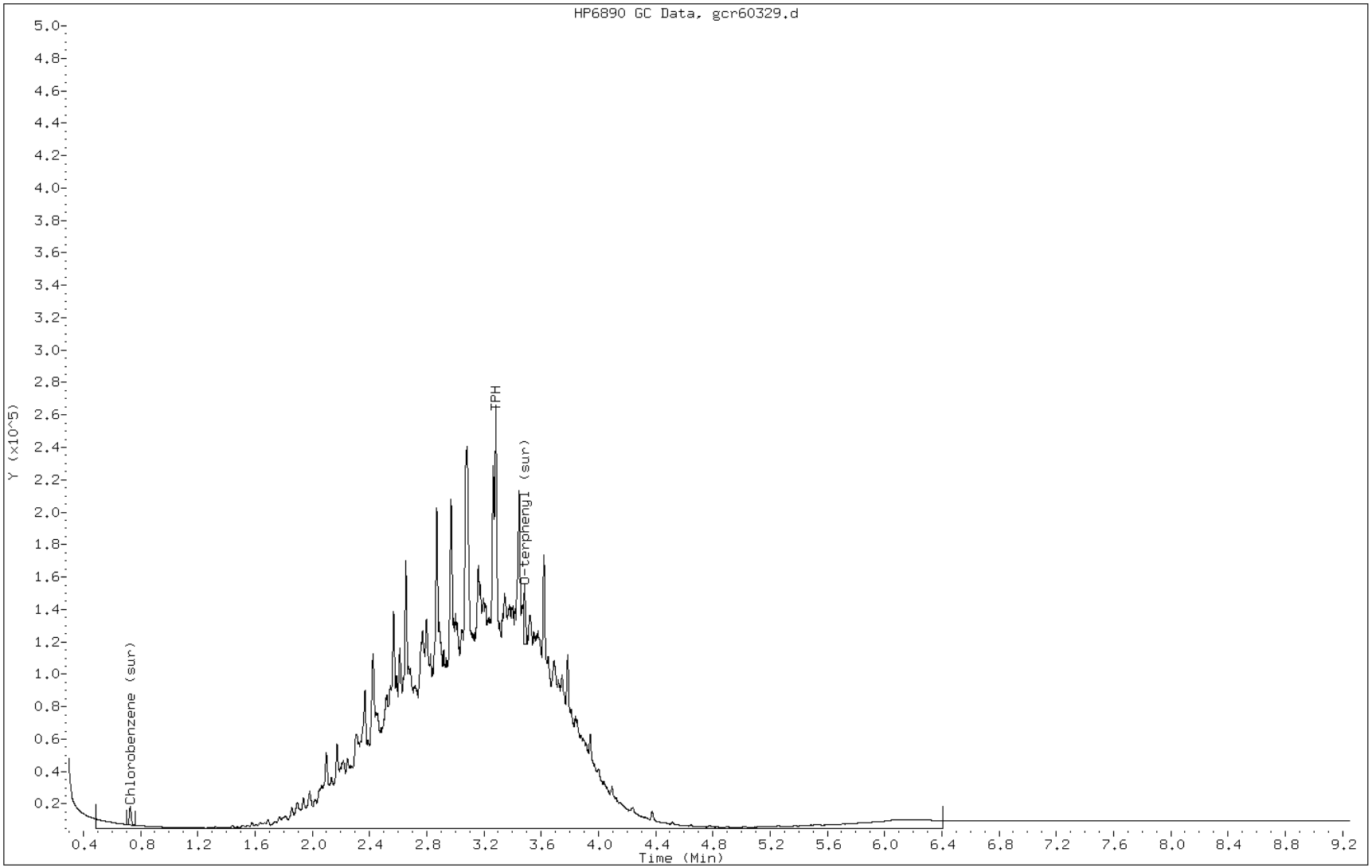
M - Compound response manually integrated.

Data File: gcr60329.d

Date: 05-APR-2011 10:10

Client ID: DUP-031711 (3.5-4) Instrument: BNAGC1.i

Sample Info: 460-24277-F-4-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60329.d
Inj. Date and Time: 05-APR-2011 10:10
Instrument ID: BNAGC1.i
Client ID: DUP-031711 (3.5-4)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 3.49

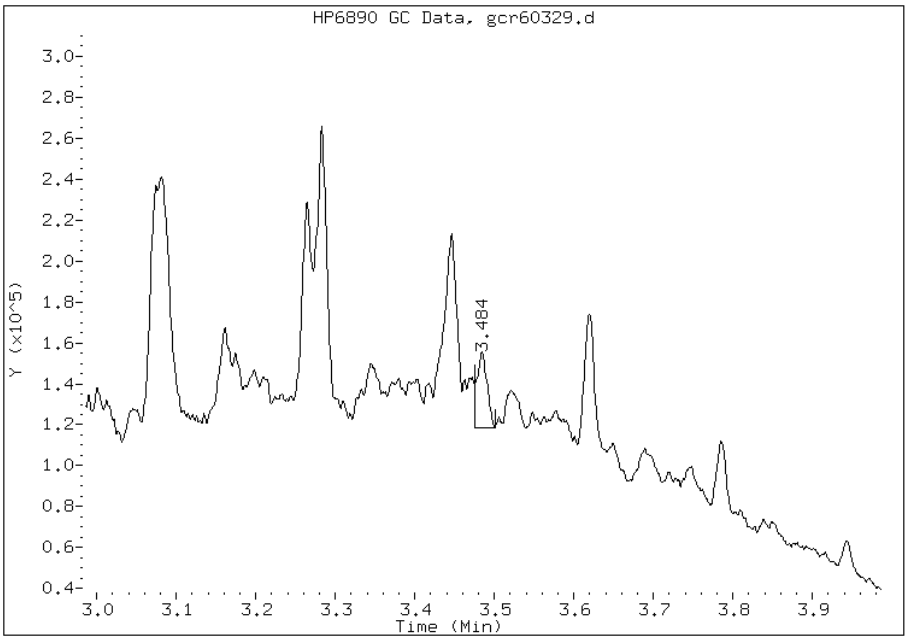
Manual Integration Results

RT: 3.48

Response: 634615

Amount: 10.45

Conc: 1.45



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60329.d
Inj. Date and Time: 05-APR-2011 10:10
Instrument ID: BNAGC1.i
Client ID: DUP-031711 (3.5-4)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

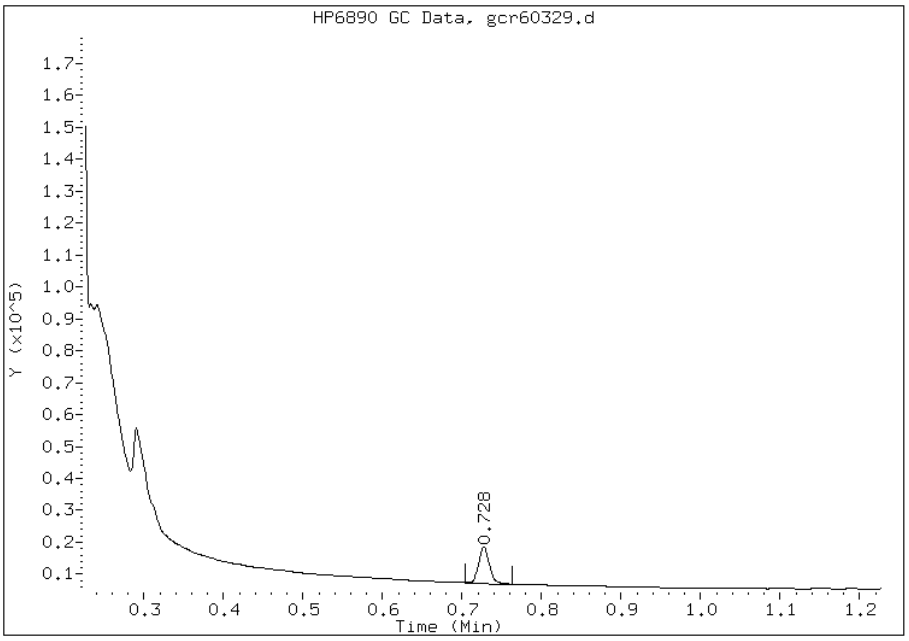
Manual Integration Results

RT: 0.73

Response: 210925

Amount: 5.90

Conc: 0.82



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (8-8.5) Lab Sample ID: 460-24277-5

Matrix: Solid Lab File ID: gcr60330.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 00:00

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/05/2011 10:20

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3500		120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	48-112
108-90-7	Chlorobenzene	0	D X	32-106

Data File: gcr60330.d
Report Date: 05-Apr-2011 11:14

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60330.d
Lab Smp Id: 460-24277-F-5-B Client Smp ID: DUP-031711 (8-8.5)
Inj Date : 05-APR-2011 10:20
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-5-B
Misc Info : 460-24277-F-5-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 09:08 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 11
Dil Factor: 20.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	5.69948	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	2.655	3.265	-0.610	146828086	2470.36	3490(M)

QC Flag Legend

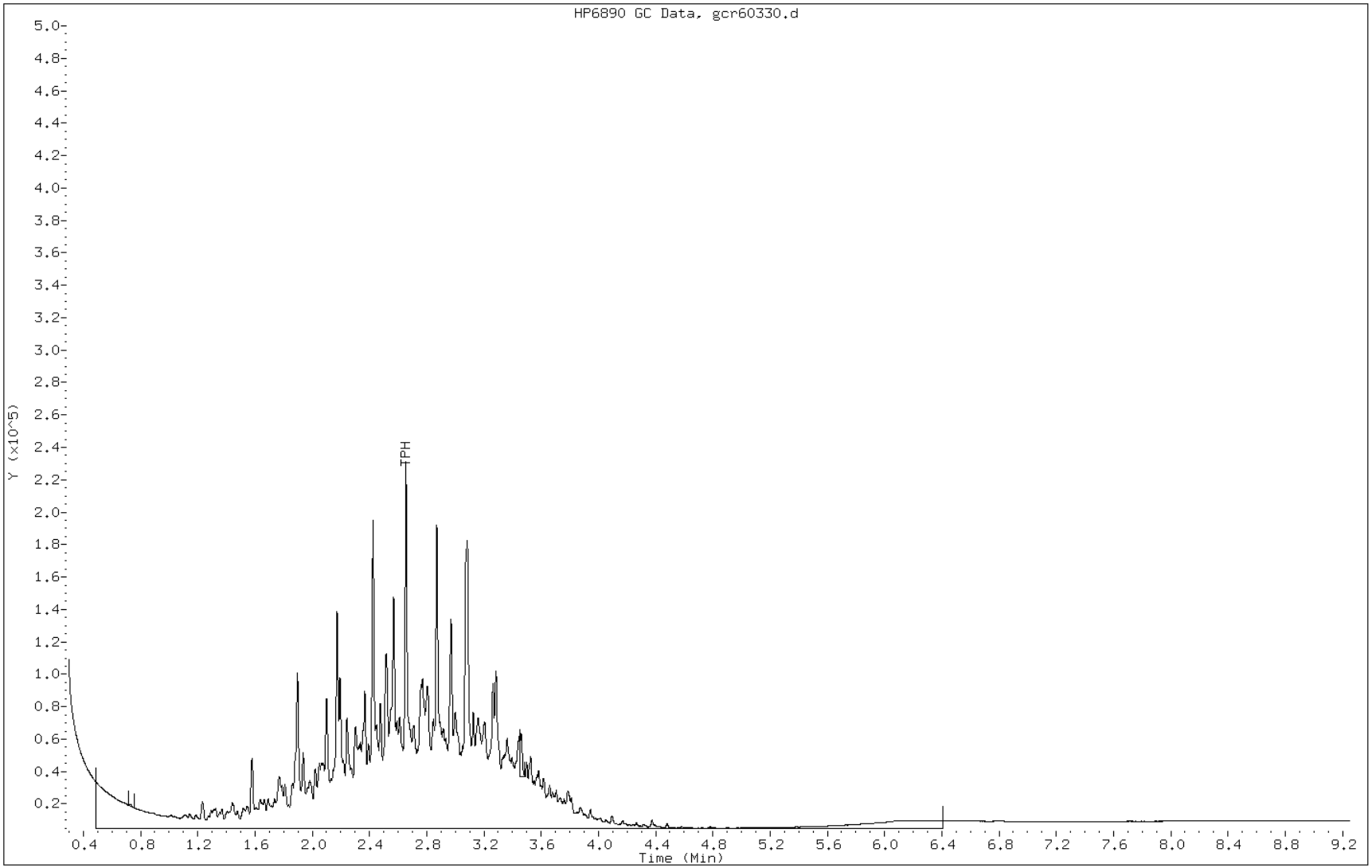
M - Compound response manually integrated.

Data File: gcr60330.d

Date: 05-APR-2011 10:20

Client ID: DUP-031711 (8-8.5) Instrument: BNAGC1.i

Sample Info: 460-24277-F-5-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: DUP-031711 (10.5-11) Lab Sample ID: 460-24277-6

Matrix: Solid Lab File ID: gcr60331.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 00:00

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.02(g) Date Analyzed: 04/05/2011 10:35

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	740		32	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	108		48-112
108-90-7	Chlorobenzene	59		32-106

Data File: gcr60331.d
Report Date: 05-Apr-2011 11:14

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60331.d
Lab Smp Id: 460-24277-F-6-B Client Smp ID: DUP-031711 (10.5-11
Inj Date : 05-APR-2011 10:35
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-6-B
Misc Info : 460-24277-F-6-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 09:08 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 12
Dil Factor: 5.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	13.29787	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.461	3.486	-0.025	261445	4.30498	1.6(aM)
$ 2 Chlorobenzene (sur)	0.728	0.727	0.001	83980	2.34772	0.90(aM)
3 TPH	3.084	3.265	-0.181	114655300	1929.06	741(M)

QC Flag Legend

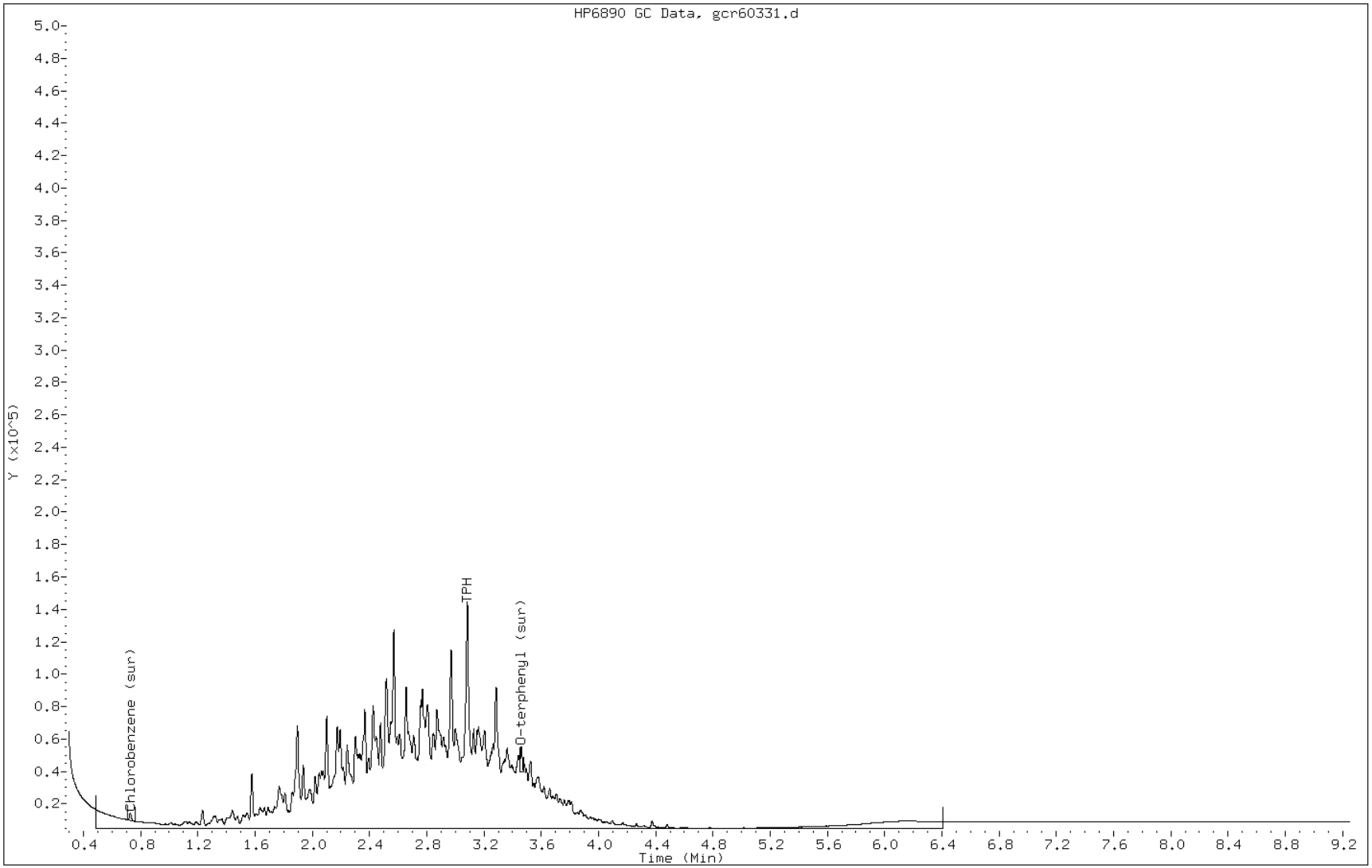
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: gcr60331.d

Date: 05-APR-2011 10:35

Client ID: DUP-031711 (10.5-11 Instrument: BNAGC1.i

Sample Info: 460-24277-F-6-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60331.d
Inj. Date and Time: 05-APR-2011 10:35
Instrument ID: BNAGC1.i
Client ID: DUP-031711 (10.5-11
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 3.49

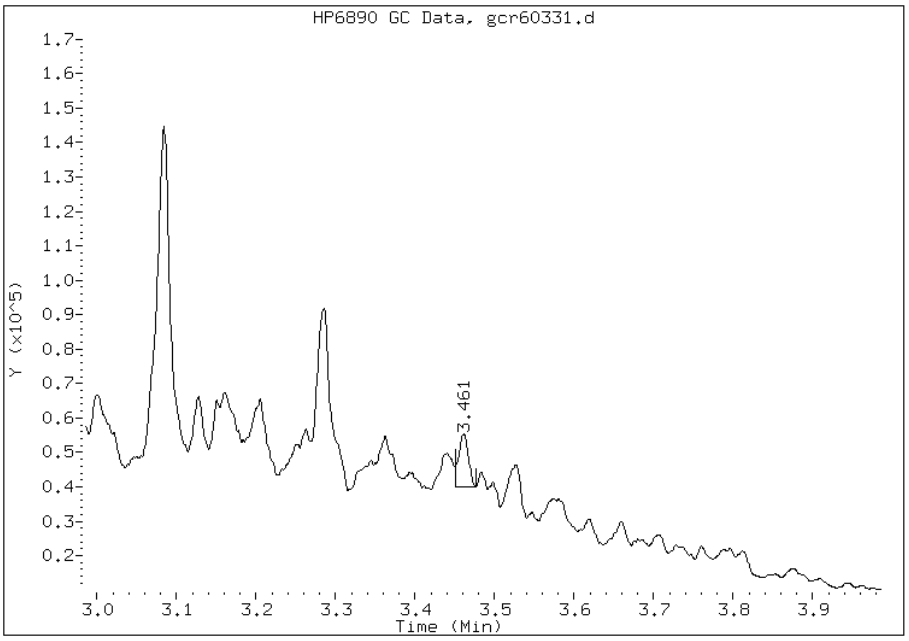
Manual Integration Results

RT: 3.46

Response: 261445

Amount: 4.30

Conc: 1.65



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60331.d
Inj. Date and Time: 05-APR-2011 10:35
Instrument ID: BNAGC1.i
Client ID: DUP-031711 (10.5-11
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

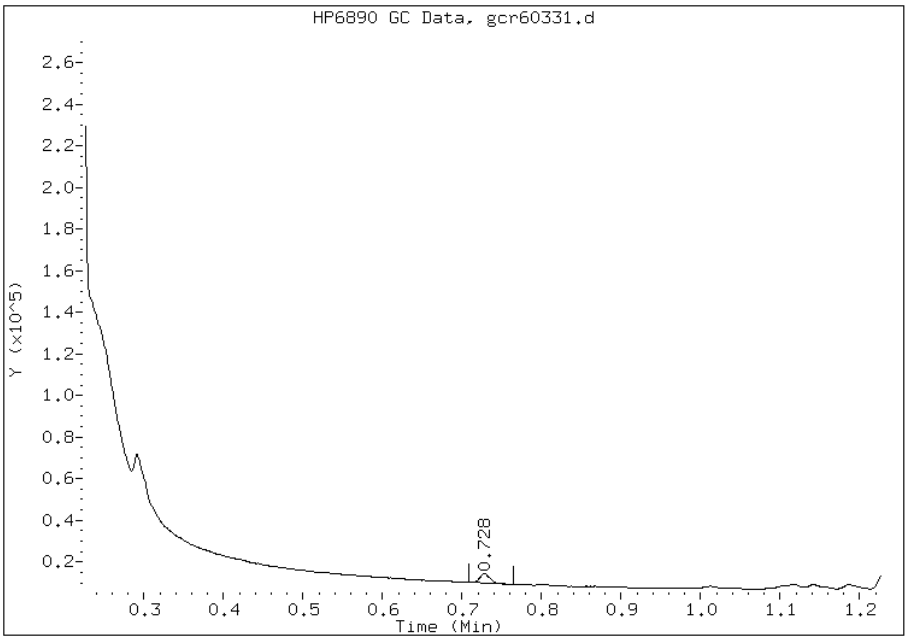
Manual Integration Results

RT: 0.73

Response: 83980

Amount: 2.35

Conc: 0.90



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-VD-E (3.5-4.0) Lab Sample ID: 460-24277-7

Matrix: Solid Lab File ID: gcr60053.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 14:30

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.05(g) Date Analyzed: 04/02/2011 09:04

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	27	*	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		48-112
108-90-7	Chlorobenzene	69		32-106

Data File: gcr60053.d
Report Date: 03-Apr-2011 11:24

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60053.d
Lab Smp Id: 460-24277-F-7-E Client Smp ID: PMP-10-VD-E (3.5-4.
Inj Date : 02-APR-2011 09:04
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-7-E
Misc Info : 460-24277-F-7-E
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:24 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 63
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	3.96040	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.497	3.497	0.000	970011	15.9723	1.1(M)
$ 2 Chlorobenzene (sur)	0.732	0.733	-0.001	490236	13.7049	0.95(M)
3 TPH	3.454	3.631	-0.177	23572174	396.598	27.4(M)

QC Flag Legend

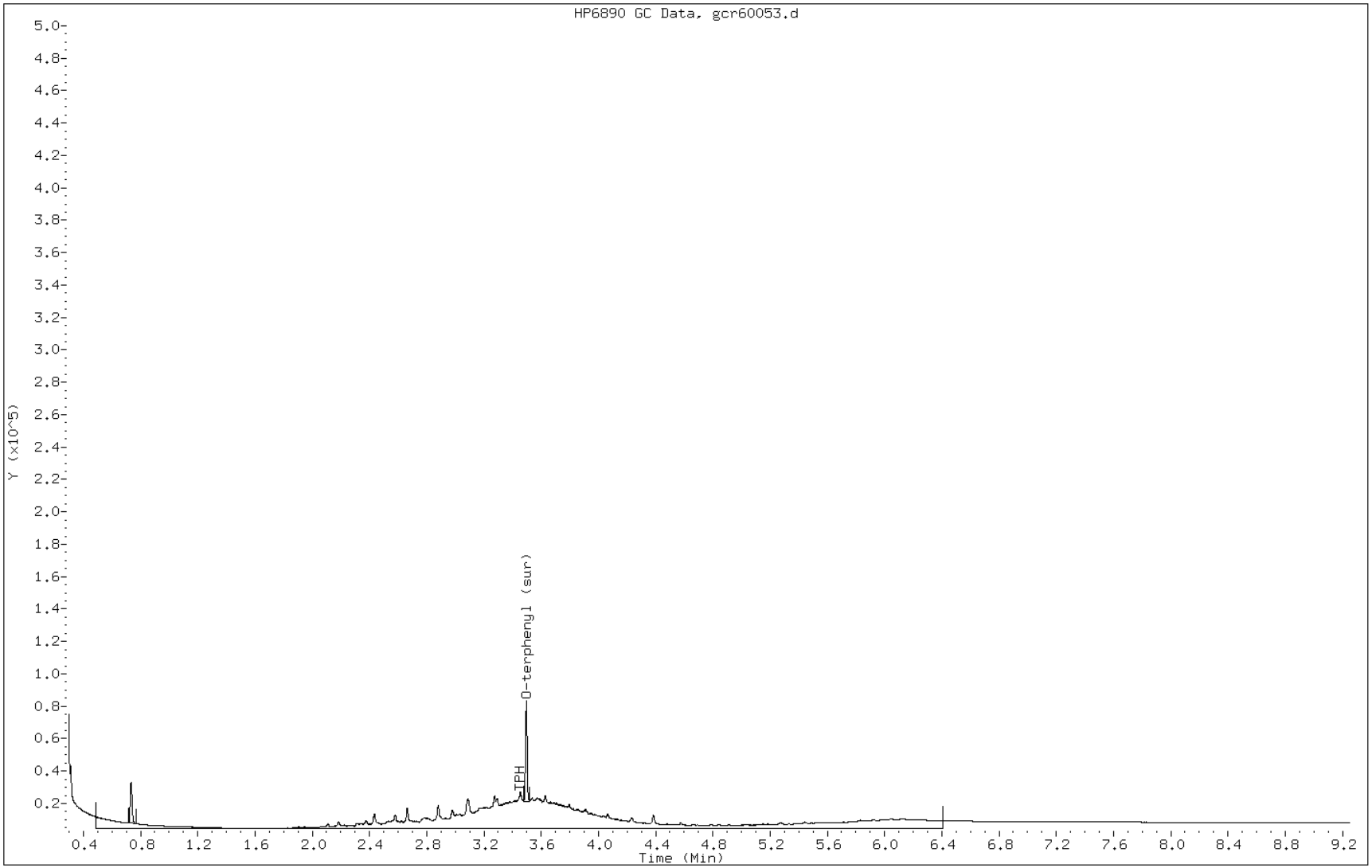
M - Compound response manually integrated.

Data File: gcr60053.d

Date: 02-APR-2011 09:04

Client ID: PMP-10-VD-E (3.5-4. Instrument: BNAGC1.i

Sample Info: 460-24277-F-7-E Operator: BNAGC1



Manual Integration Report

Data File: gcr60053.d
Inj. Date and Time: 02-APR-2011 09:04
Instrument ID: BNAGC1.i
Client ID: PMP-10-VD-E (3.5-4.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

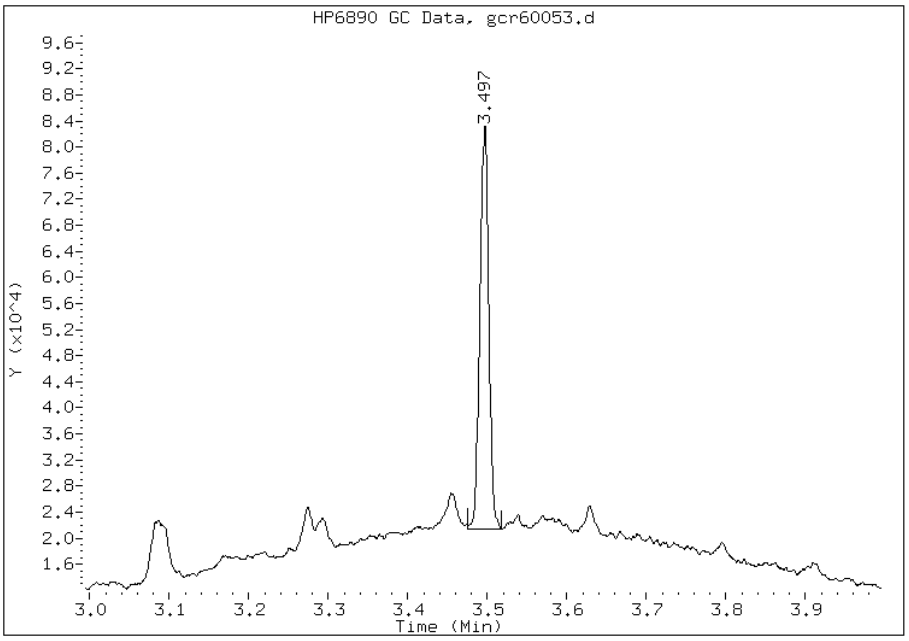
Manual Integration Results

RT: 3.50

Response: 970011

Amount: 15.97

Conc: 1.11



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60053.d
Inj. Date and Time: 02-APR-2011 09:04
Instrument ID: BNAGC1.i
Client ID: PMP-10-VD-E (3.5-4.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

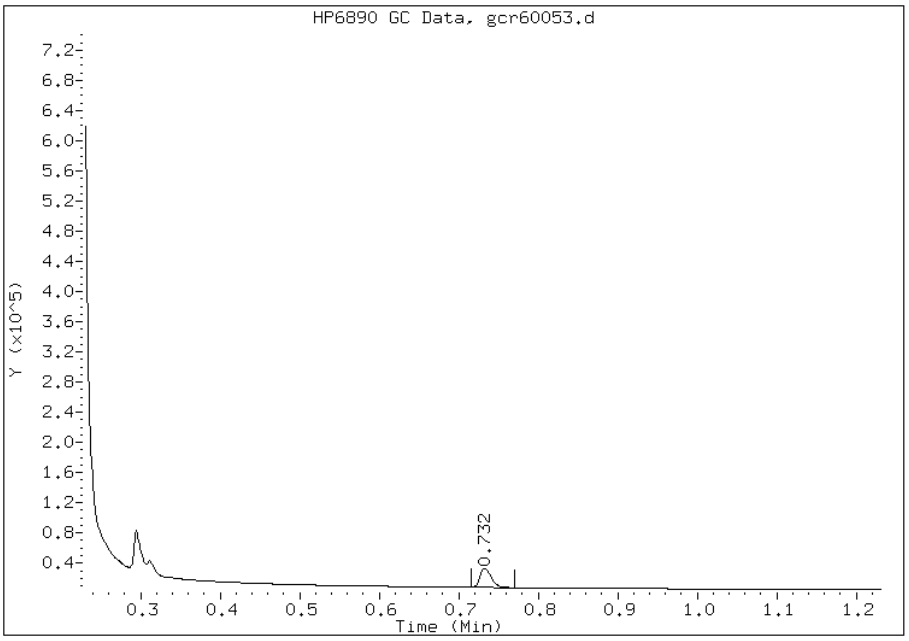
Manual Integration Results

RT: 0.73

Response: 490236

Amount: 13.70

Conc: 0.95



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-WT-E (7.5-8.0) Lab Sample ID: 460-24277-8

Matrix: Solid Lab File ID: gcr60332.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 14:35

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.03(g) Date Analyzed: 04/05/2011 10:49

Con. Extract Vol.: 1(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5300		300	300

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60332.d
Report Date: 05-Apr-2011 13:10

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60332.d
Lab Smp Id: 460-24277-F-8-C Client Smp ID: PMP-10-WT-E (7.5-8.
Inj Date : 05-APR-2011 10:49
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-8-C
Misc Info : 460-24277-F-8-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 13:09 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 13
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	9.38144	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.073	2.871	0.202	86010447	1447.11	5310(M)

QC Flag Legend

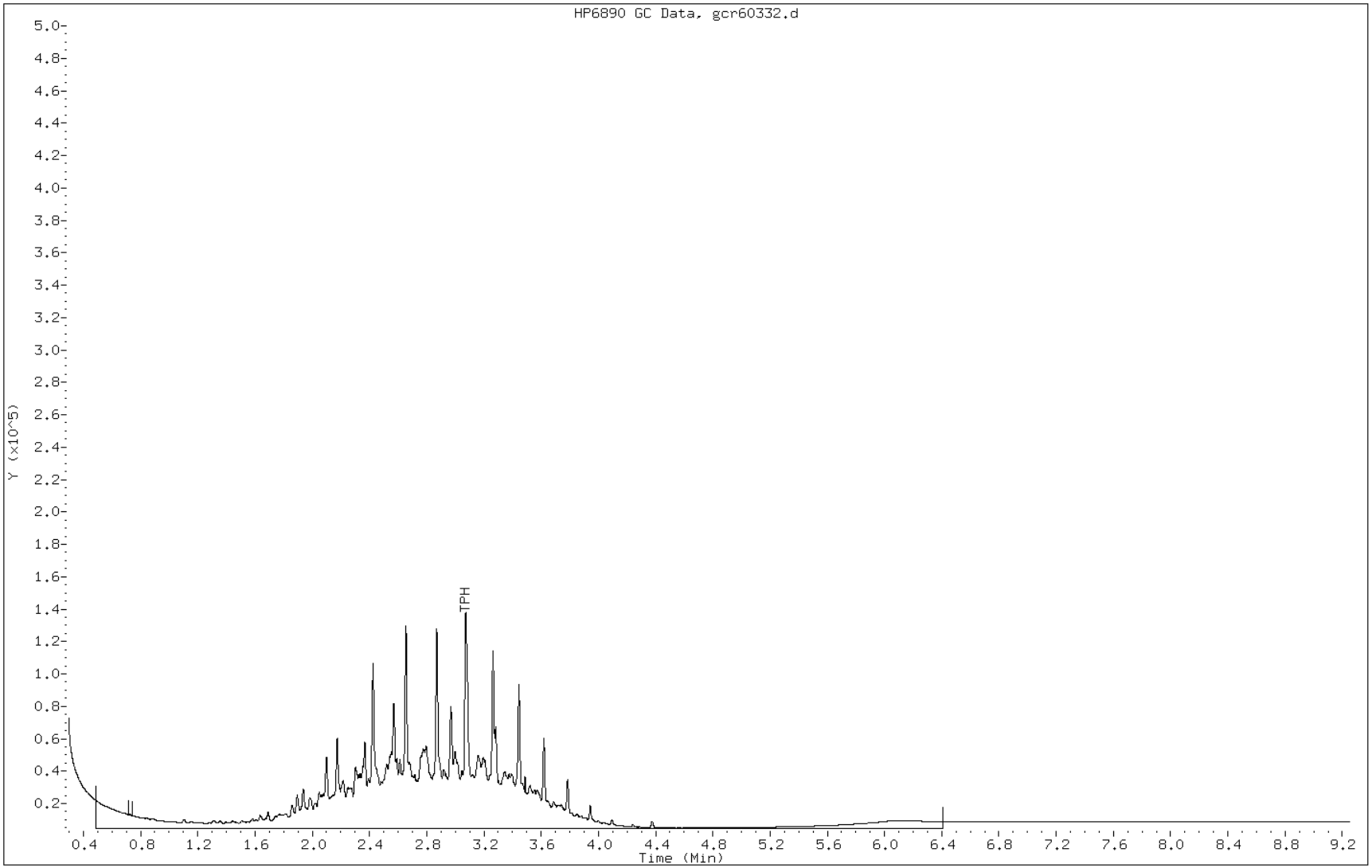
M - Compound response manually integrated.

Data File: gcr60332.d

Date: 05-APR-2011 10:49

Client ID: PMP-10-WT-E (7.5-8. Instrument: BNAGC1.i

Sample Info: 460-24277-F-8-C Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST1-E (15-15.5) Lab Sample ID: 460-24277-9

Matrix: Solid Lab File ID: gcr60336.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 14:40

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 14.97(g) Date Analyzed: 04/05/2011 11:53

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 15.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1200		33	33

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	142	X	48-112
108-90-7	Chlorobenzene	59		32-106

Data File: gcr60336.d
Report Date: 05-Apr-2011 13:05

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60336.d
Lab Smp Id: 460-24277-F-9-C Client Smp ID: PMP-10-ST1-E (15-15
Inj Date : 05-APR-2011 11:53
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-9-C
Misc Info : 460-24277-F-9-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 12:36 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 14
Dil Factor: 5.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	14.97000	Weight of sample extracted (g)
M	15.24590	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.482	3.486	-0.004	344634	5.67478	2.2(RM)
$ 2 Chlorobenzene (sur)	0.727	0.727	0.000	83820	2.34325	0.92(aM)
3 TPH	3.083	2.871	0.212	174172415	2930.42	1150(M)

QC Flag Legend

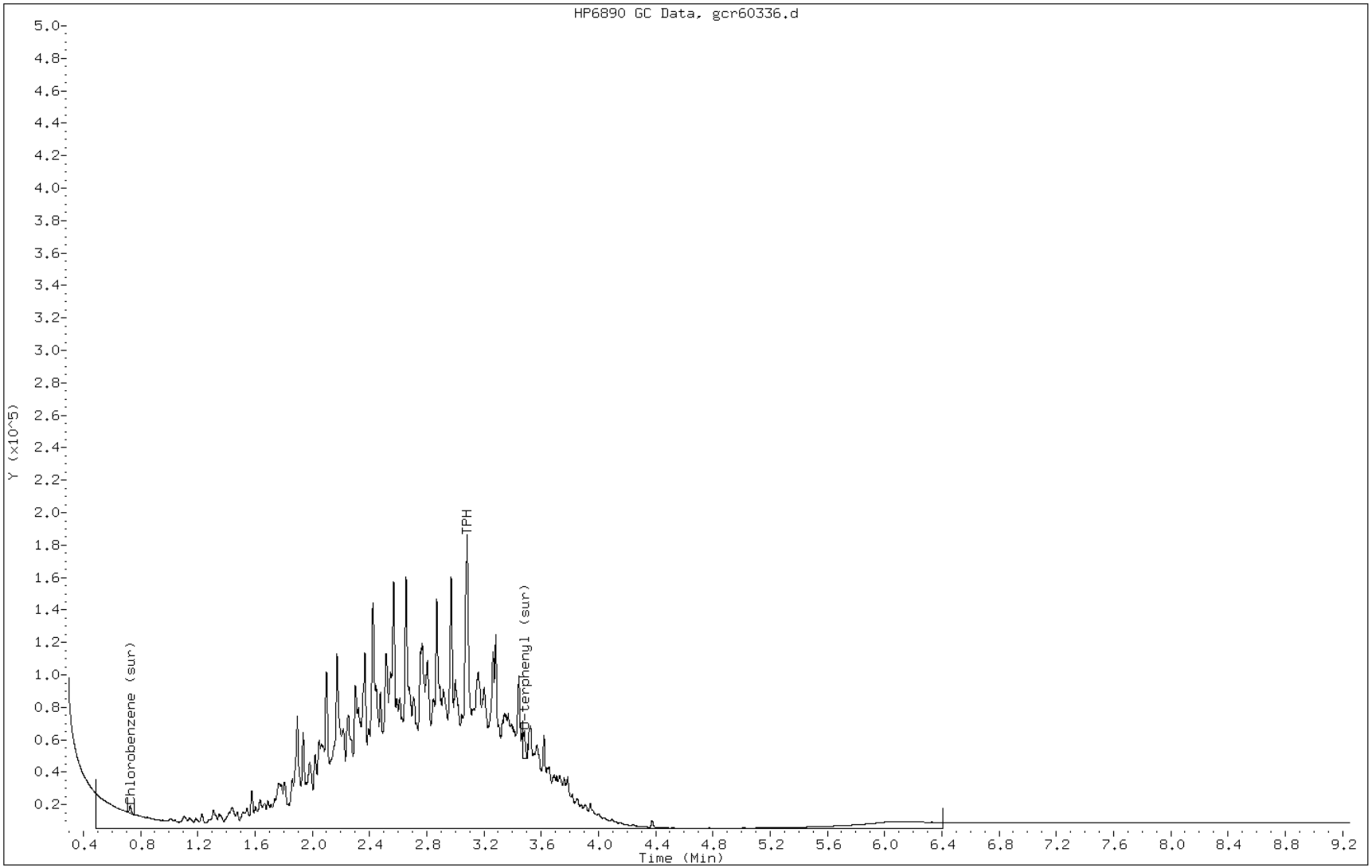
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gcr60336.d

Date: 05-APR-2011 11:53

Client ID: PMP-10-ST1-E (15-15 Instrument: BNAGC1.i

Sample Info: 460-24277-F-9-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60336.d
Inj. Date and Time: 05-APR-2011 11:53
Instrument ID: BNAGC1.i
Client ID: PMP-10-ST1-E (15-15
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 3.49

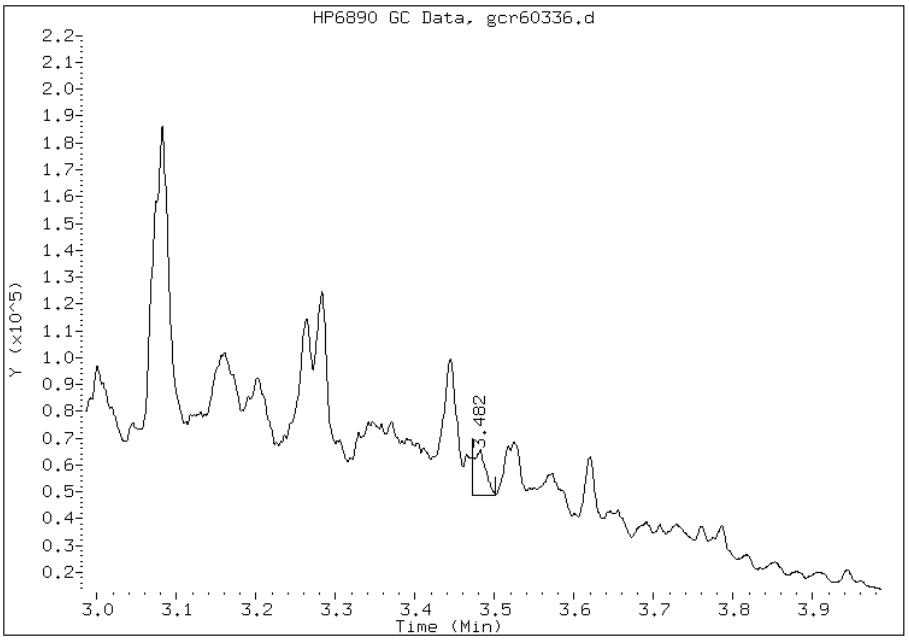
Manual Integration Results

RT: 3.48

Response: 344634

Amount: 5.67

Conc: 2.24



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60336.d
Inj. Date and Time: 05-APR-2011 11:53
Instrument ID: BNAGC1.i
Client ID: PMP-10-ST1-E (15-15
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

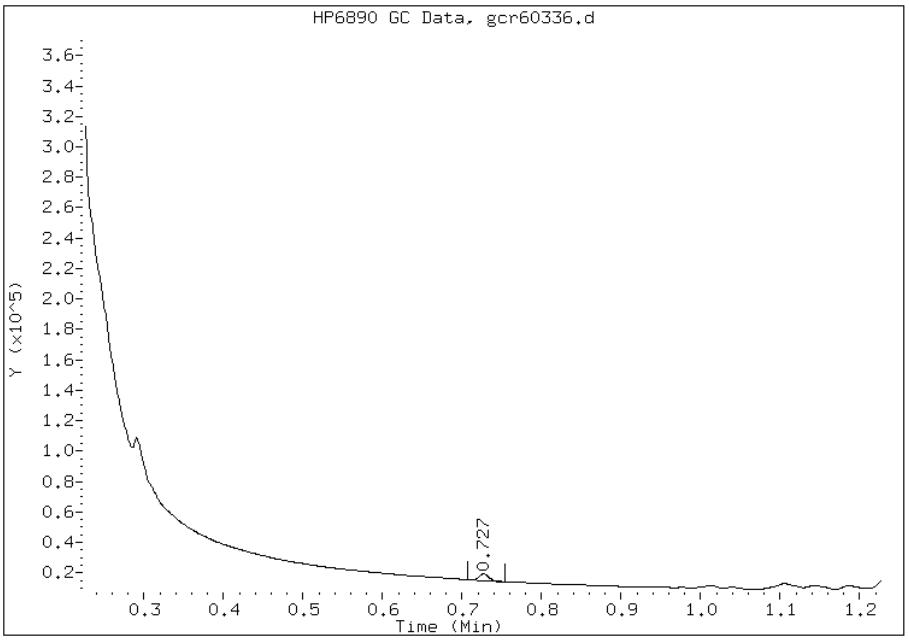
Manual Integration Results

RT: 0.73

Response: 83820

Amount: 2.34

Conc: 0.92



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-10-ST2-E (23.5-24) Lab Sample ID: 460-24277-10

Matrix: Solid Lab File ID: gcr60060.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 14:45

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 10:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 16.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.6	U *	6.6	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	75		48-112
108-90-7	Chlorobenzene	70		32-106

Data File: gcr60060.d
Report Date: 03-Apr-2011 11:25

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60060.d
Lab Smp Id: 460-24277-F-10-C Client Smp ID: PMP-10-ST2-E (23.5-
Inj Date : 02-APR-2011 10:37
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-10-C
Misc Info : 460-24277-F-10-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:25 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 66
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	16.45207	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.497	3.496	0.001	915083	15.0679	1.2(M)
$ 2 Chlorobenzene (sur)	0.732	0.733	-0.001	498813	13.9447	1.1(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

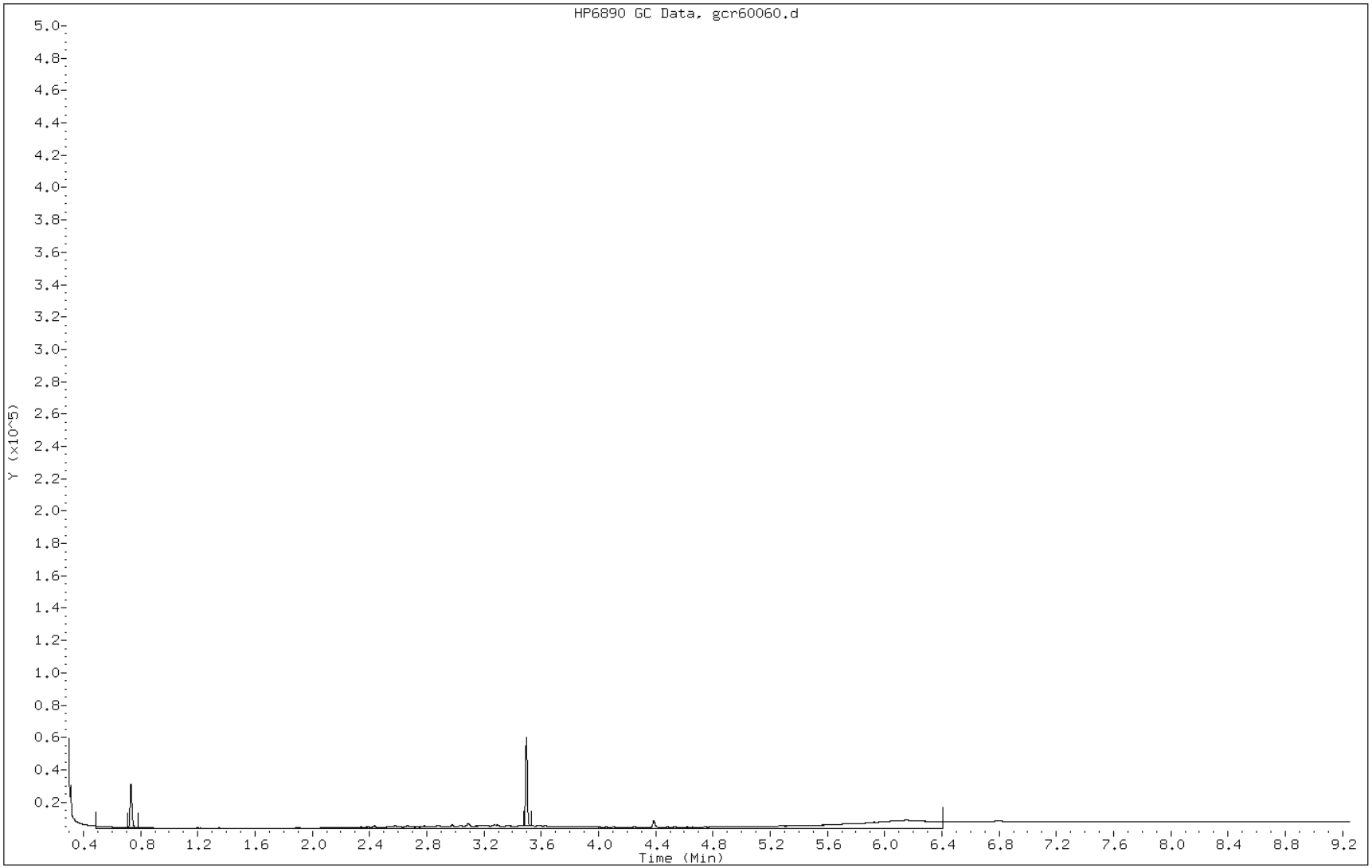
M - Compound response manually integrated.

Data File: gcr60060.d

Date: 02-APR-2011 10:37

Client ID: PMP-10-ST2-E (23.5- Instrument: BNAGC1.i

Sample Info: 460-24277-F-10-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60060.d
Inj. Date and Time: 02-APR-2011 10:37
Instrument ID: BNAGC1.i
Client ID: PMP-10-ST2-E (23.5-
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

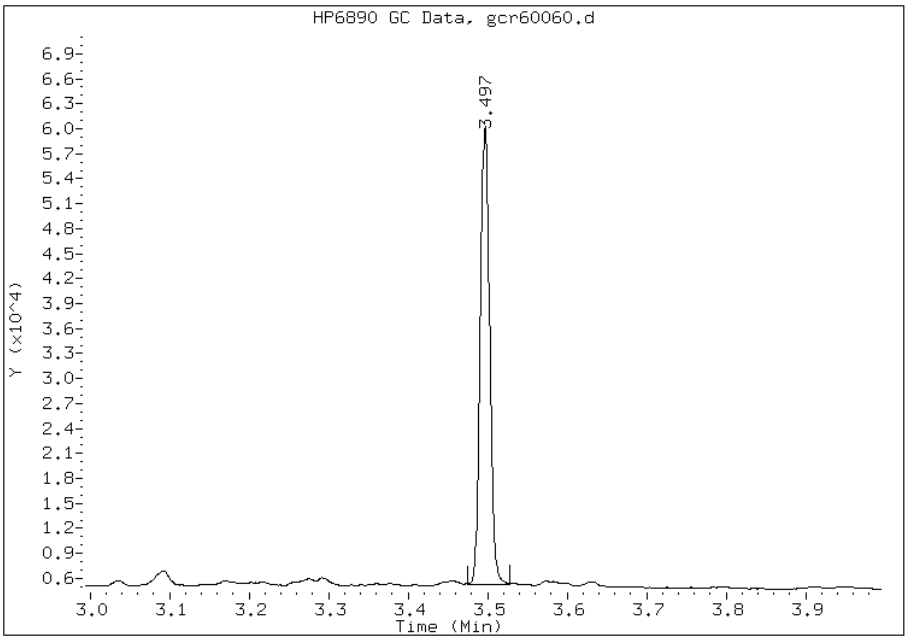
Manual Integration Results

RT: 3.50

Response: 915083

Amount: 15.07

Conc: 1.20



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60060.d
Inj. Date and Time: 02-APR-2011 10:37
Instrument ID: BNAGC1.i
Client ID: PMP-10-ST2-E (23.5-
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

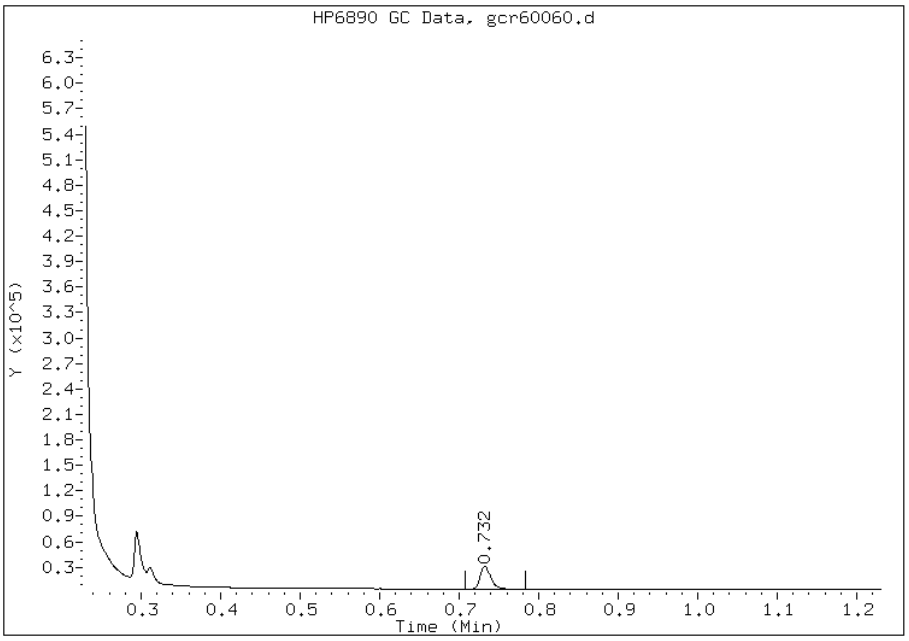
Manual Integration Results

RT: 0.73

Response: 498813

Amount: 13.94

Conc: 1.11



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-VD-E (3.5-4) Lab Sample ID: 460-24277-11

Matrix: Solid Lab File ID: gcr60061.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 16:00

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.05(g) Date Analyzed: 04/02/2011 10:52

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.7	U *	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		48-112
108-90-7	Chlorobenzene	65		32-106

Data File: gcr60061.d
Report Date: 03-Apr-2011 11:25

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60061.d
Lab Smp Id: 460-24277-F-11-C Client Smp ID: PMP-13-VD-E (3.5-4)
Inj Date : 02-APR-2011 10:52
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-11-C
Misc Info : 460-24277-F-11-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:25 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 67
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	3.93939	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.497	3.496	0.001	859789	14.1574	0.98(M)
$ 2 Chlorobenzene (sur)	0.732	0.733	-0.001	467254	13.0624	0.90(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

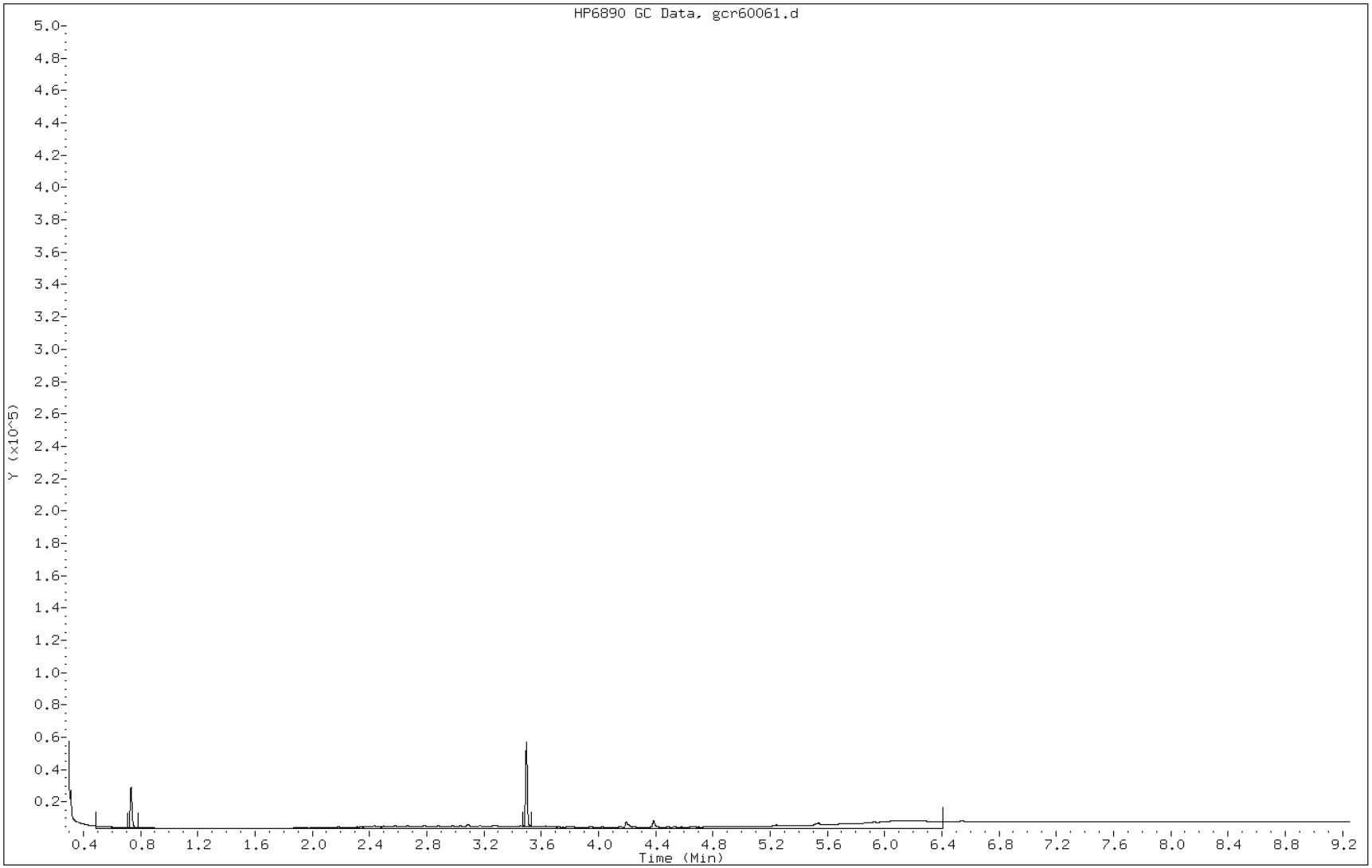
M - Compound response manually integrated.

Data File: gcr60061.d

Date: 02-APR-2011 10:52

Client ID: PMP-13-VD-E (3.5-4) Instrument: BNAGC1.i

Sample Info: 460-24277-F-11-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60061.d
Inj. Date and Time: 02-APR-2011 10:52
Instrument ID: BNAGC1.i
Client ID: PMP-13-VD-E (3.5-4)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

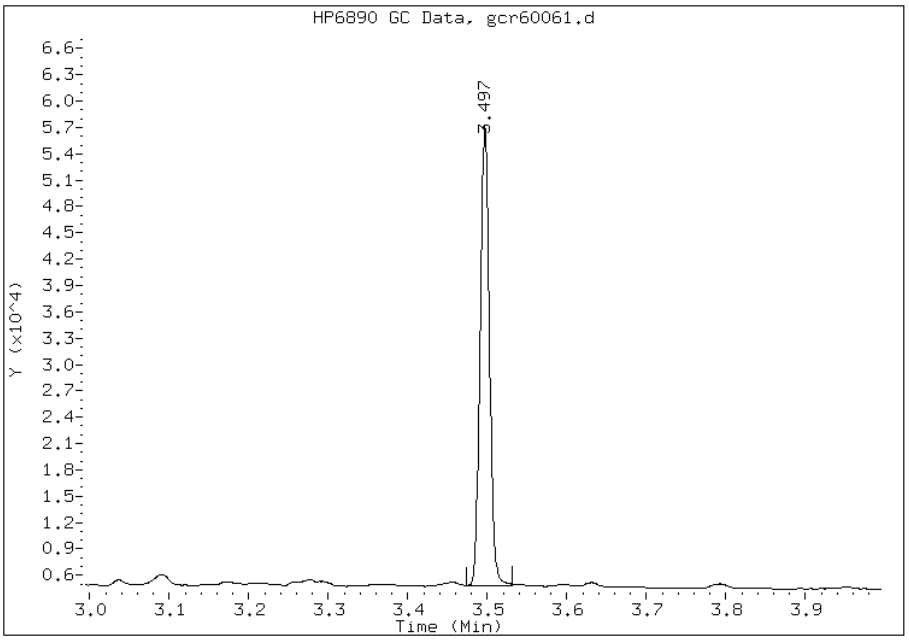
Manual Integration Results

RT: 3.50

Response: 859789

Amount: 14.16

Conc: 0.98



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60061.d
Inj. Date and Time: 02-APR-2011 10:52
Instrument ID: BNAGC1.i
Client ID: PMP-13-VD-E (3.5-4)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

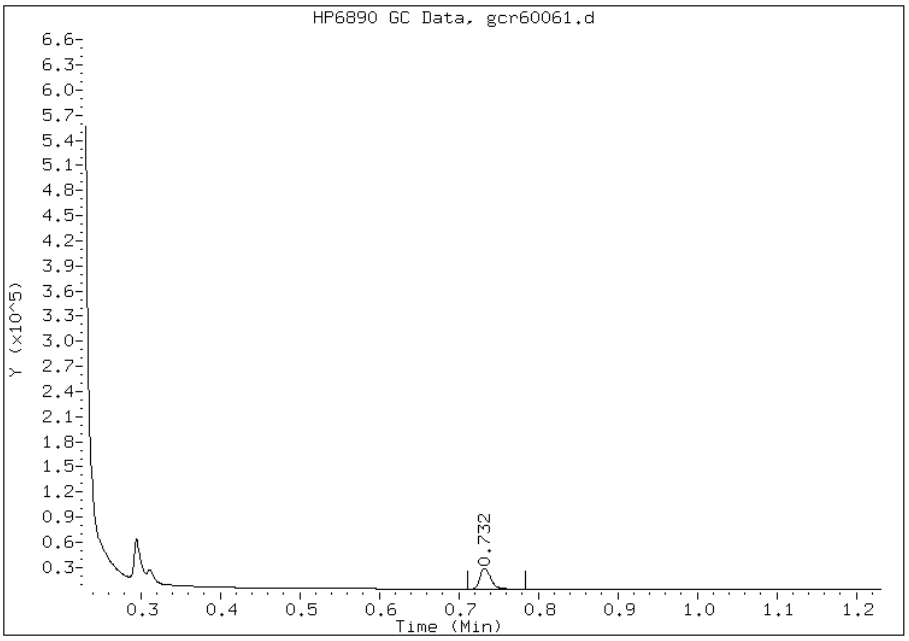
Manual Integration Results

RT: 0.73

Response: 467254

Amount: 13.06

Conc: 0.90



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-WT-E (7.5-8.0) Lab Sample ID: 460-24277-12

Matrix: Solid Lab File ID: gcr60411.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 16:05

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.03(g) Date Analyzed: 04/06/2011 07:05

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2600		120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60411.d
Report Date: 06-Apr-2011 09:59

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60411.d
Lab Smp Id: 460-24277-F-12-E Client Smp ID: PMP-13-WT-E (7.5-8.
Inj Date : 06-APR-2011 07:05
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-12-E
Misc Info : 460-24277-F-12-E
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 06-Apr-2011 09:12 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 80
Dil Factor: 20.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	9.47109	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.071	3.264	-0.193	106024648	1783.85	2620(M)

QC Flag Legend

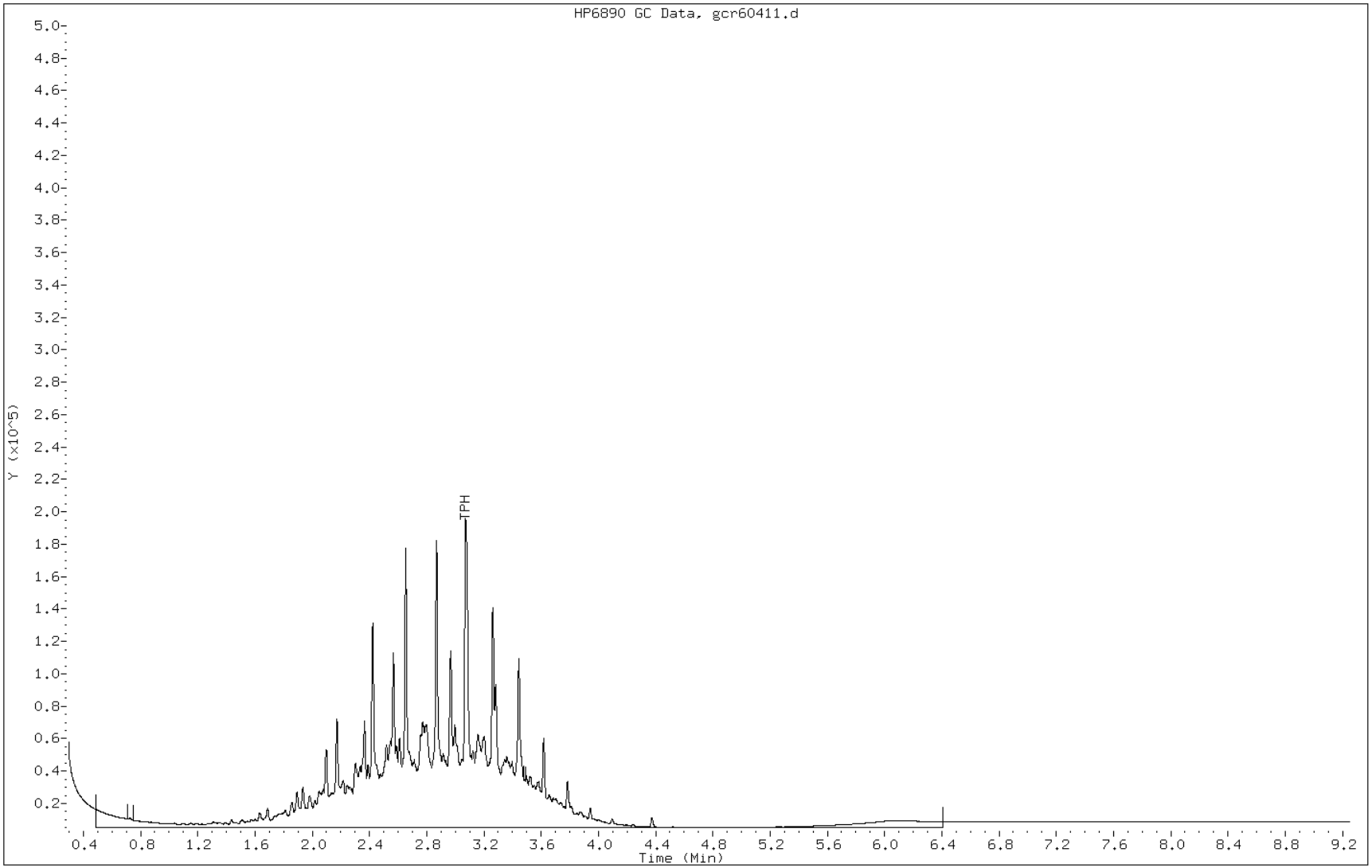
M - Compound response manually integrated.

Data File: gcr60411.d

Date: 06-APR-2011 07:05

Client ID: PMP-13-WT-E (7.5-8. Instrument: BNAGC1.i

Sample Info: 460-24277-F-12-E Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SI-E (15.5-16) Lab Sample ID: 460-24277-13

Matrix: Solid Lab File ID: gcr60063.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 16:10

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.02(g) Date Analyzed: 04/02/2011 11:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 10.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.1	U *	6.1	6.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	68		48-112
108-90-7	Chlorobenzene	61		32-106

Data File: gcr60063.d
Report Date: 03-Apr-2011 11:25

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60063.d
Lab Smp Id: 460-24277-F-13-C Client Smp ID: PMP-13-SI-E (15.5-1
Inj Date : 02-APR-2011 11:22
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-13-C
Misc Info : 460-24277-F-13-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:25 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 69
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	10.56911	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.496	3.496	0.000	831940	13.6988	1.0(M)
$ 2 Chlorobenzene (sur)	0.732	0.733	-0.001	436817	12.2115	0.91(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

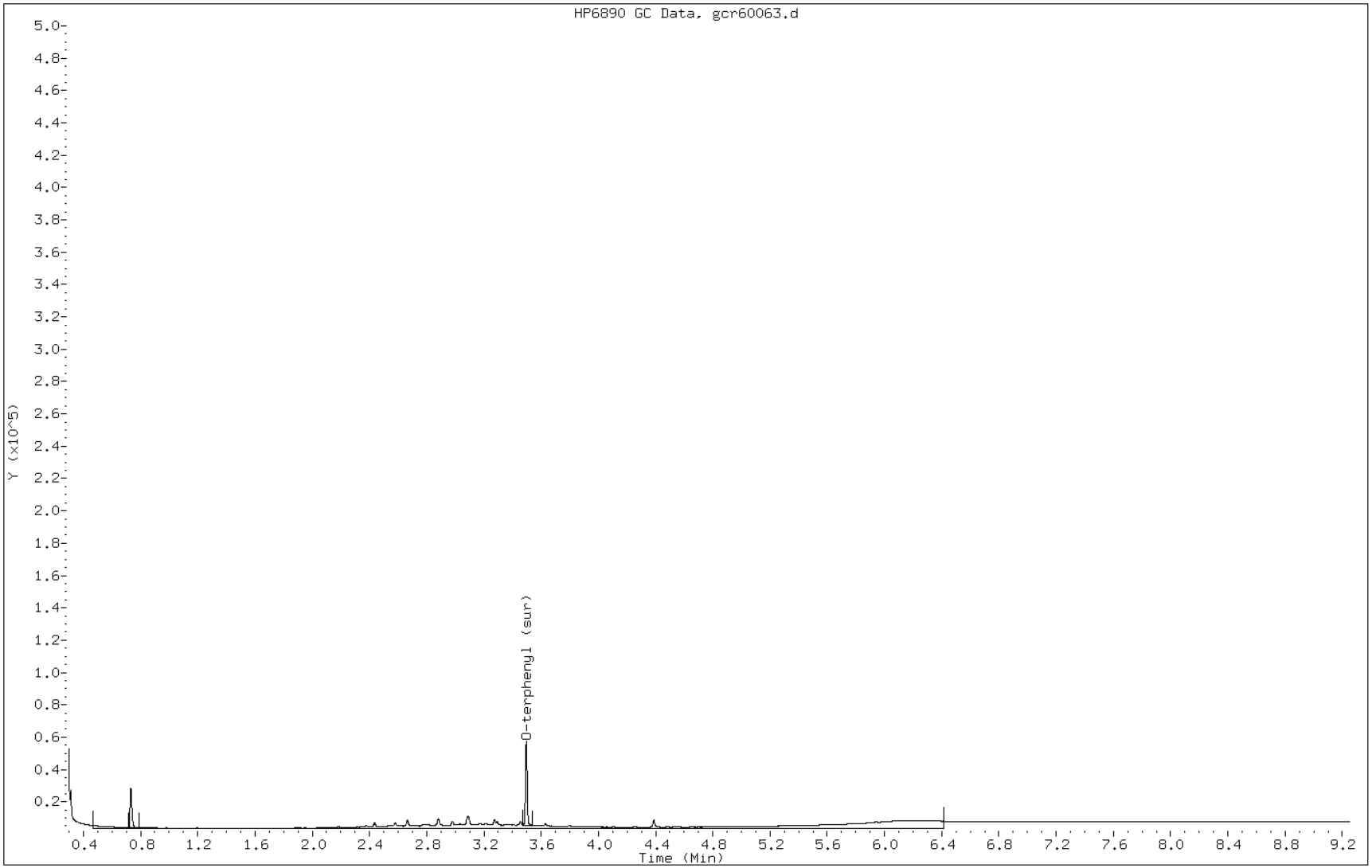
M - Compound response manually integrated.

Data File: gcr60063.d

Date: 02-APR-2011 11:22

Client ID: PMP-13-SI-E (15.5-1 Instrument: BNAGC1.i

Sample Info: 460-24277-F-13-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60063.d
Inj. Date and Time: 02-APR-2011 11:22
Instrument ID: BNAGC1.i
Client ID: PMP-13-SI-E (15.5-1
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

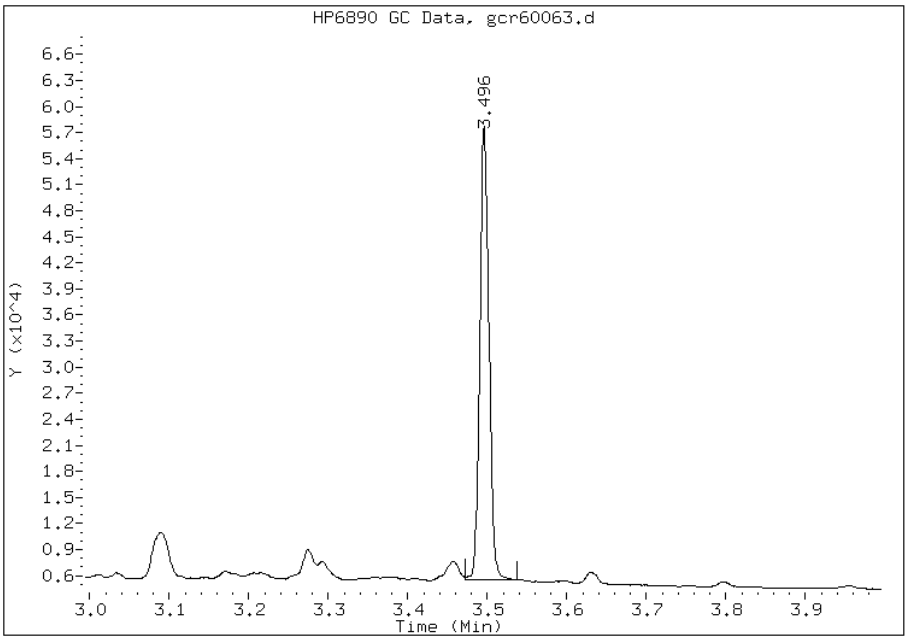
Manual Integration Results

RT: 3.50

Response: 831940

Amount: 13.70

Conc: 1.02



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60063.d
Inj. Date and Time: 02-APR-2011 11:22
Instrument ID: BNAGC1.i
Client ID: PMP-13-SI-E (15.5-1
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

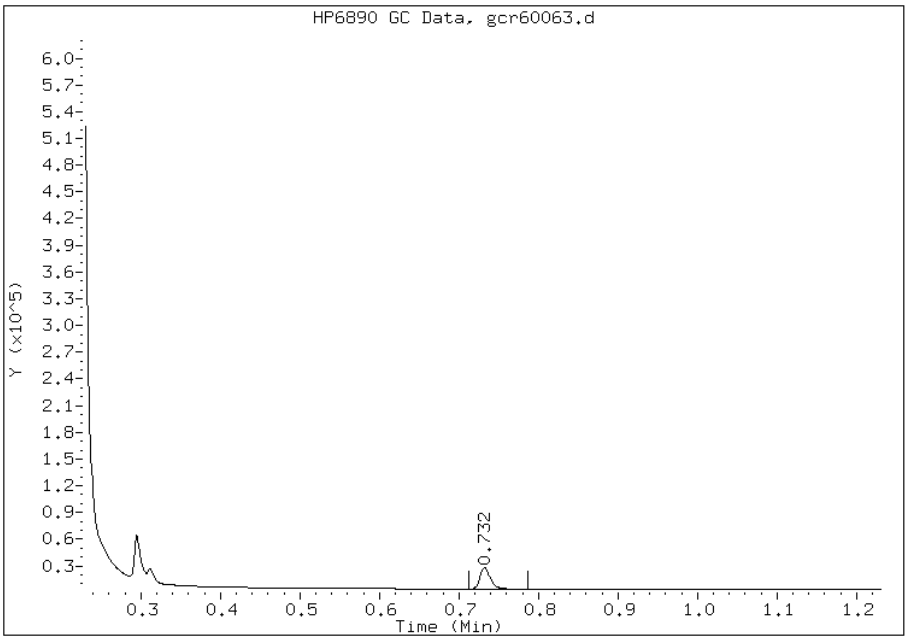
Manual Integration Results

RT: 0.73

Response: 436817

Amount: 12.21

Conc: 0.91



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-13-SD-E (23.5-24) Lab Sample ID: 460-24277-14

Matrix: Solid Lab File ID: gcr60064.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 16:15

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.01(g) Date Analyzed: 04/02/2011 11:34

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 15.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.5	U *	6.5	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		48-112
108-90-7	Chlorobenzene	61		32-106

Data File: gcr60064.d
Report Date: 03-Apr-2011 11:25

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60064.d
Lab Smp Id: 460-24277-F-14-C Client Smp ID: PMP-13-SD-E (23.5-2
Inj Date : 02-APR-2011 11:34
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-14-C
Misc Info : 460-24277-F-14-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:25 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 70
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	15.38462	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.495	3.496	-0.001	838037	13.7992	1.1(M)
$ 2 Chlorobenzene (sur)	0.733	0.733	0.000	433817	12.1277	0.95(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

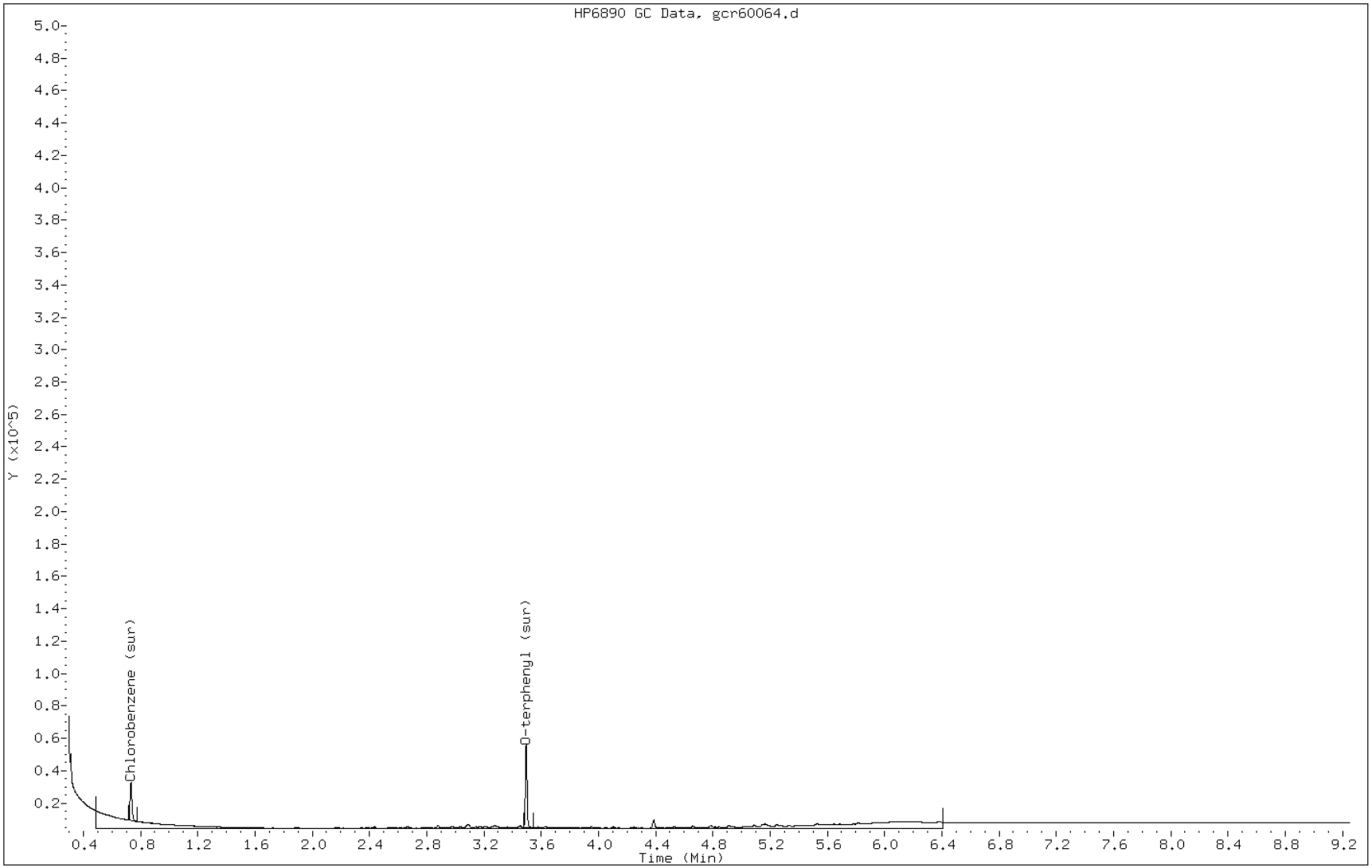
M - Compound response manually integrated.

Data File: gcr60064.d

Date: 02-APR-2011 11:34

Client ID: PMP-13-SD-E (23.5-2 Instrument: BNAGC1.i

Sample Info: 460-24277-F-14-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60064.d
Inj. Date and Time: 02-APR-2011 11:34
Instrument ID: BNAGC1.i
Client ID: PMP-13-SD-E (23.5-2
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

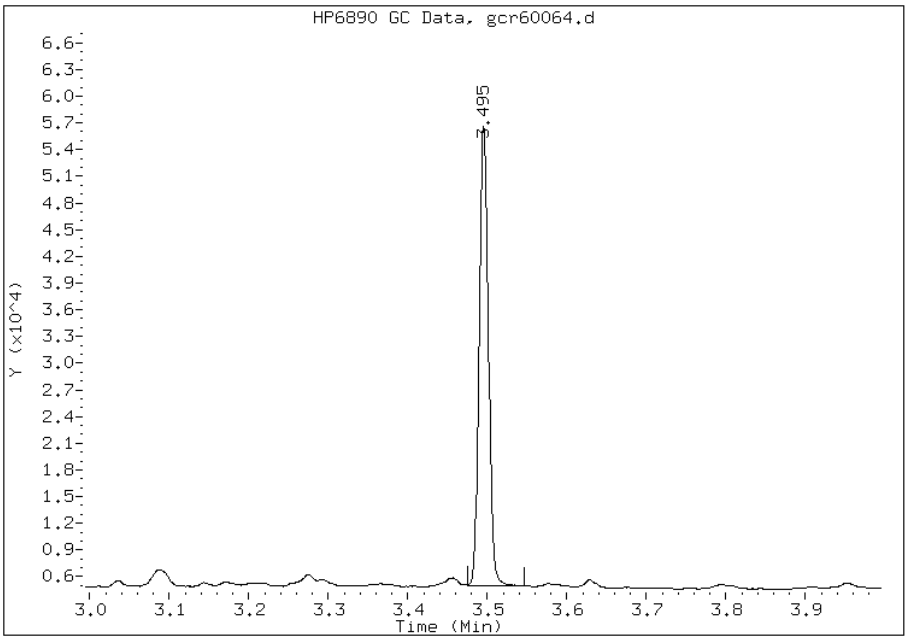
Manual Integration Results

RT: 3.49

Response: 838037

Amount: 13.80

Conc: 1.09



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60064.d
Inj. Date and Time: 02-APR-2011 11:34
Instrument ID: BNAGC1.i
Client ID: PMP-13-SD-E (23.5-2
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

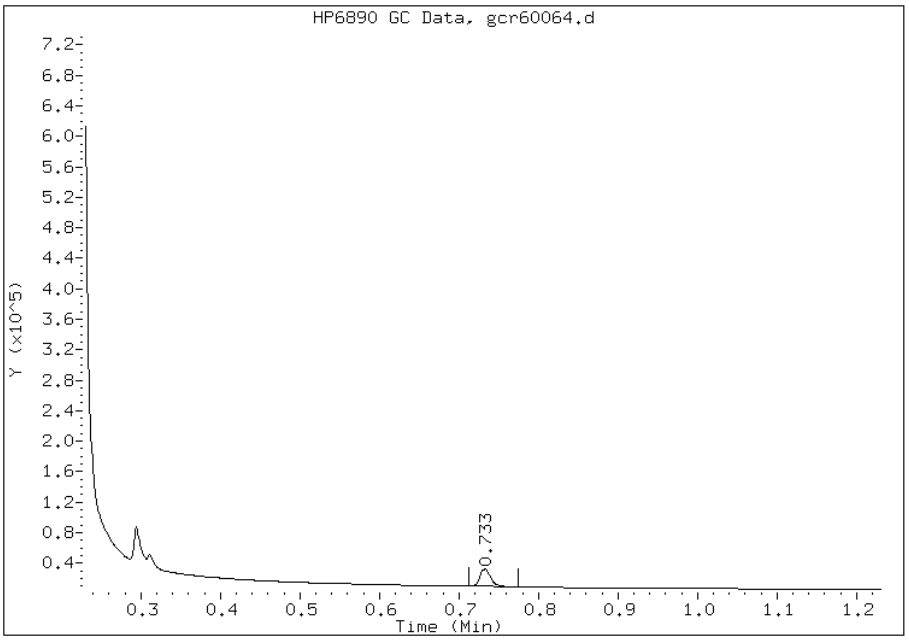
Manual Integration Results

RT: 0.73

Response: 433817

Amount: 12.13

Conc: 0.95



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) | Lab Sample ID: 460-24277-15

Matrix: Solid | Lab File ID: gcr60543.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 03/18/2011 09:20

Extraction Method: 3546 | Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.02(g) | Date Analyzed: 04/07/2011 14:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69832 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7.4		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		48-112
108-90-7	Chlorobenzene	84		32-106

Data File: gcr60543.d
Report Date: 08-Apr-2011 07:17

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/gcr60543.d
Lab Smp Id: 460-24277-F-15-E Client Smp ID: PMP-16-VD-E (3.5-4.
Inj Date : 07-APR-2011 14:51
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-15-E
Misc Info : 460-24277-F-15-E
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/QAM2009r.m
Meth Date : 08-Apr-2011 07:14 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	6.90608	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.479	3.479	0.000	1231538	20.2786	1.4(M)
$ 2 Chlorobenzene (sur)	0.720	0.720	0.000	604483	16.8988	1.2(M)
3 TPH	0.490	2.420	-1.930	6159661	103.635	7.4(M)

QC Flag Legend

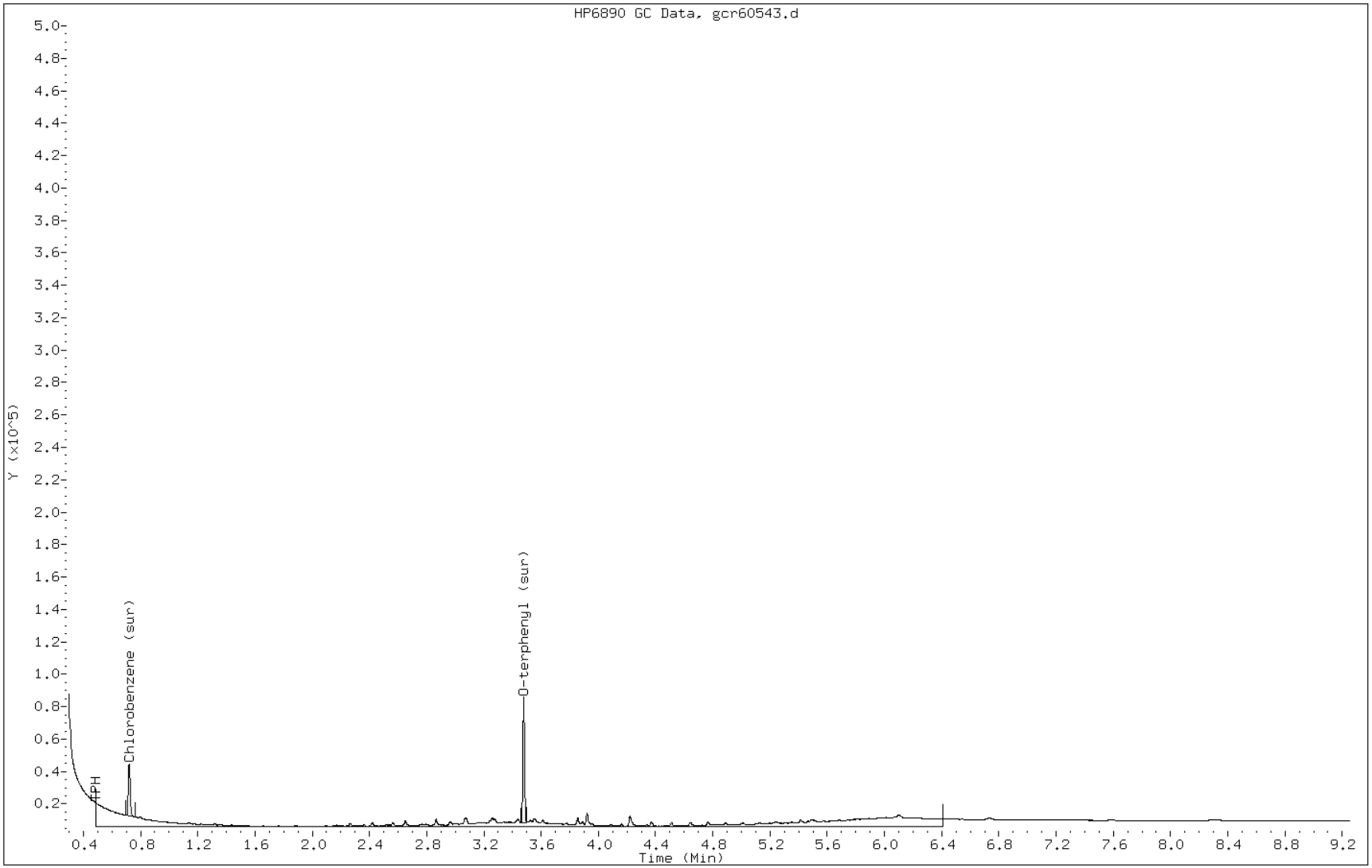
M - Compound response manually integrated.

Data File: gcr60543.d

Date: 07-APR-2011 14:51

Client ID: PMP-16-VD-E (3.5-4. Instrument: BNAGC1.i

Sample Info: 460-24277-F-15-E Operator: BNAGC1



Manual Integration Report

Data File: gcr60543.d
Inj. Date and Time: 07-APR-2011 14:51
Instrument ID: BNAGC1.i
Client ID: PMP-16-VD-E (3.5-4.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/08/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

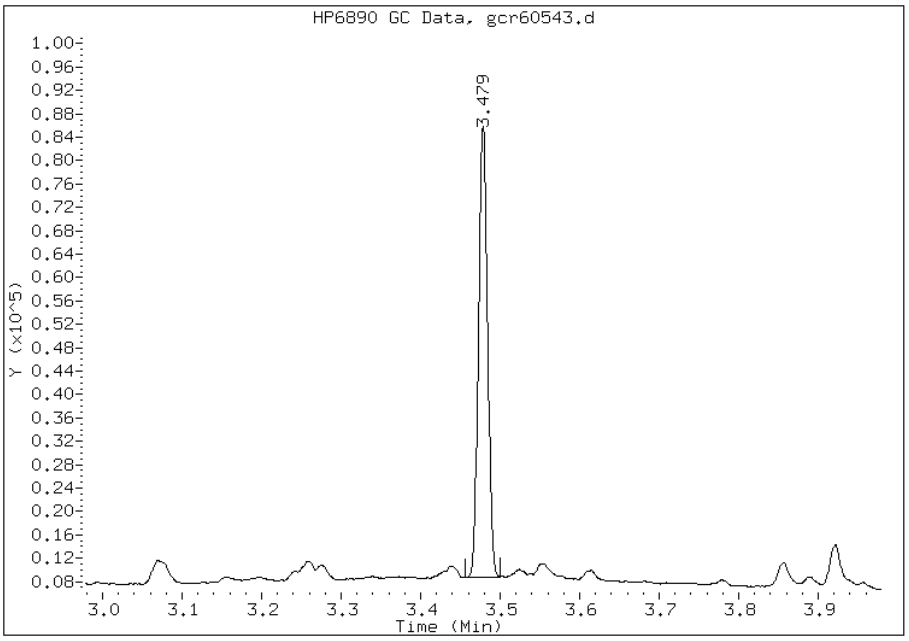
Manual Integration Results

RT: 3.48

Response: 1231538

Amount: 20.28

Conc: 1.45



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60543.d
Inj. Date and Time: 07-APR-2011 14:51
Instrument ID: BNAGC1.i
Client ID: PMP-16-VD-E (3.5-4.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/08/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

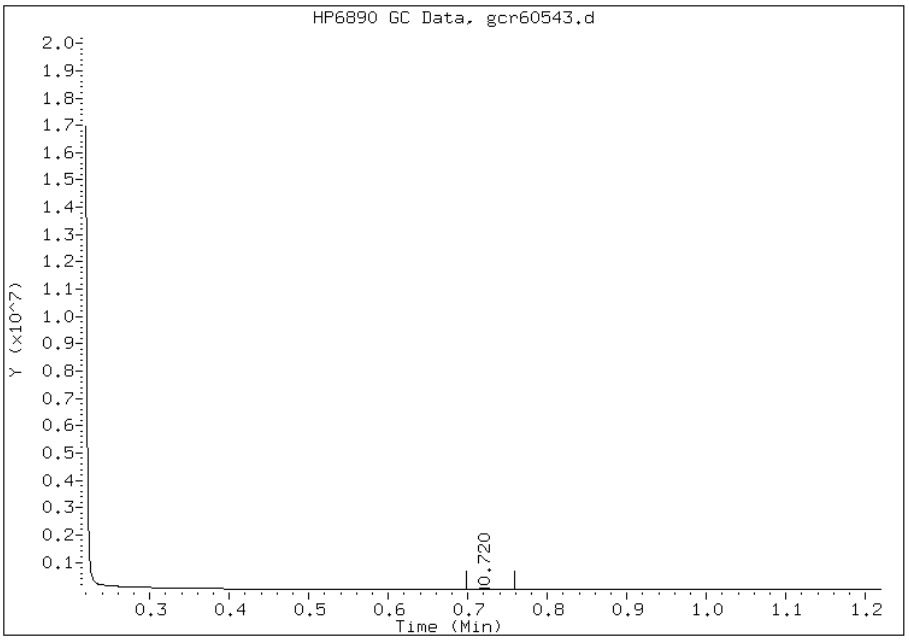
Manual Integration Results

RT: 0.72

Response: 604483

Amount: 16.90

Conc: 1.21



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-WT-E (8.0-8.5) Lab Sample ID: 460-24277-16

Matrix: Solid Lab File ID: gcr60356.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 09:25

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.00(g) Date Analyzed: 04/05/2011 16:55

Con. Extract Vol.: 1(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5400		310	310

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60356.d
Report Date: 06-Apr-2011 07:01

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60356.d
Lab Smp Id: 460-24277-F-16-C Client Smp ID: PMP-16-WT-E (8.0-8.
Inj Date : 05-APR-2011 16:55
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-16-C
Misc Info : 460-24277-F-16-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 15:31 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 31
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	11.59251	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.081	2.871	0.210	84375769	1419.61	5350(M)

QC Flag Legend

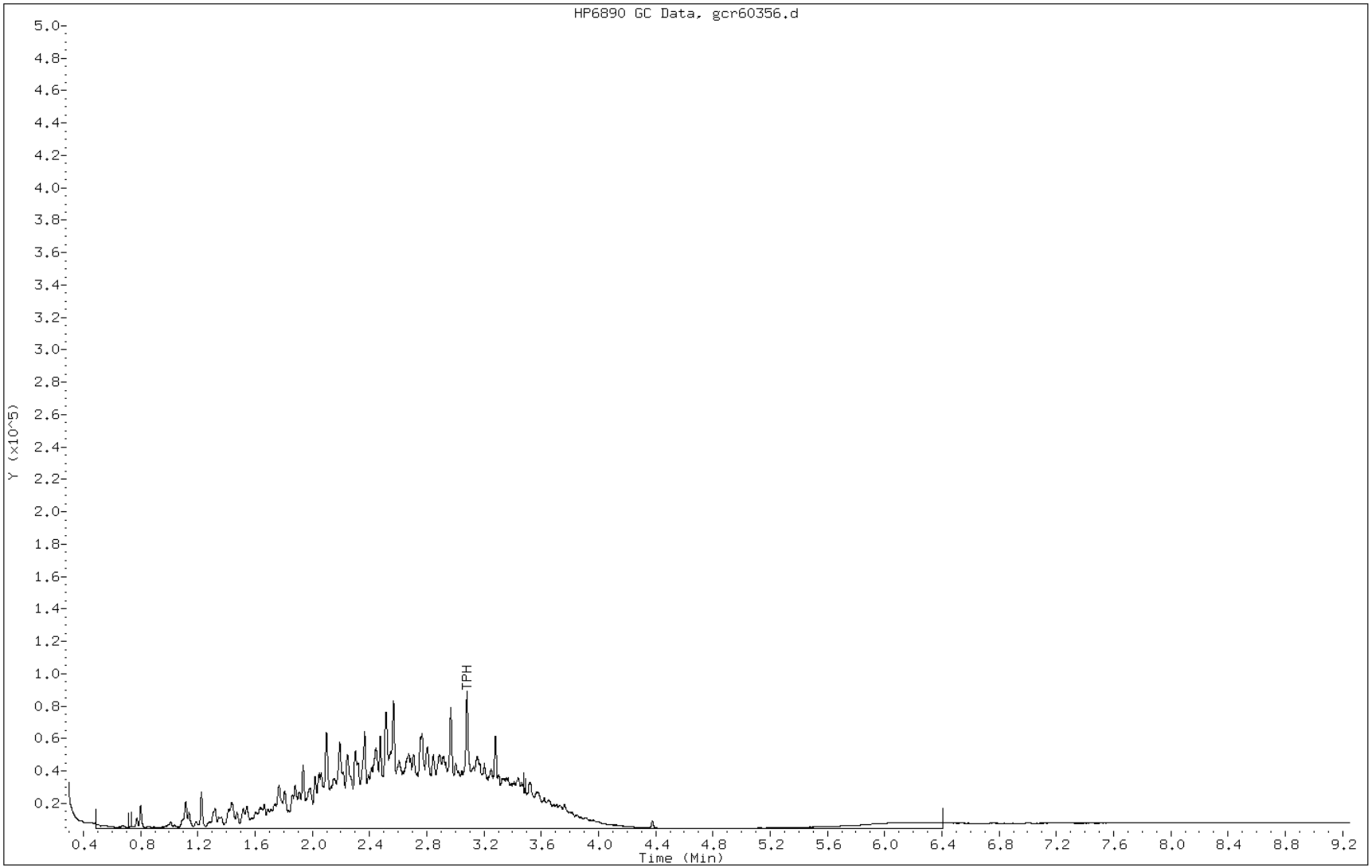
M - Compound response manually integrated.

Data File: gcr60356.d

Date: 05-APR-2011 16:55

Client ID: PMP-16-WT-E (8.0-8. Instrument: BNAGC1.i

Sample Info: 460-24277-F-16-C Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-SI-E (10.5-11.0) Lab Sample ID: 460-24277-17

Matrix: Solid Lab File ID: gcr60357.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 09:30

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.02(g) Date Analyzed: 04/05/2011 17:10

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1000		32	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	131	X	48-112
108-90-7	Chlorobenzene	65		32-106

Data File: gcr60357.d
Report Date: 06-Apr-2011 07:01

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60357.d
Lab Smp Id: 460-24277-F-17-C Client Smp ID: PMP-16-SI-E (10.5-1
Inj Date : 05-APR-2011 17:10
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-17-C
Misc Info : 460-24277-F-17-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 15:31 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 32
Dil Factor: 5.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	14.94845	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.484	3.486	-0.002	318788	5.24920	2.0(RM)
$ 2 Chlorobenzene (sur)	0.726	0.727	-0.001	93024	2.60055	1.0(aM)
3 TPH	3.083	2.871	0.212	152470964	2565.30	1000(M)

QC Flag Legend

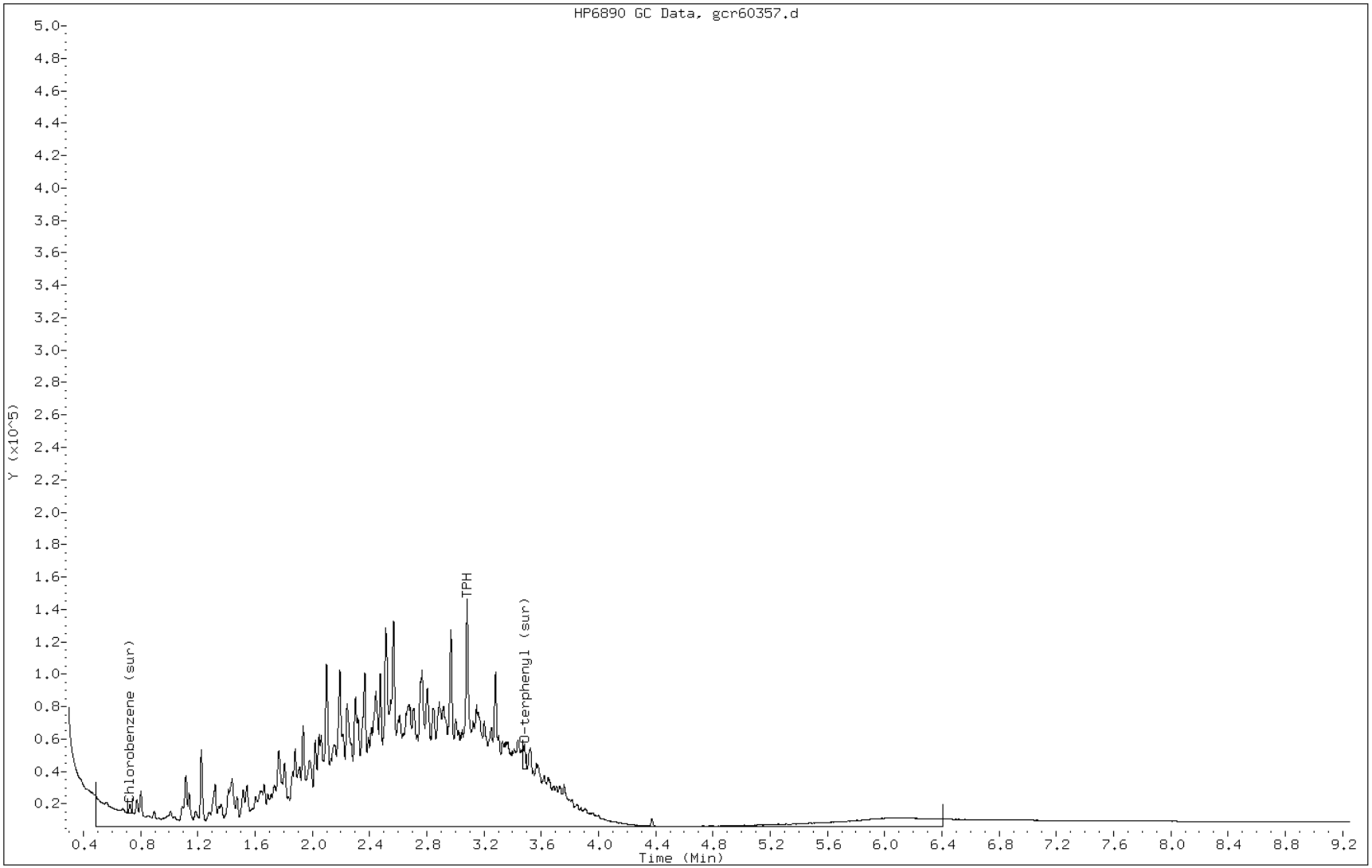
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gcr60357.d

Date: 05-APR-2011 17:10

Client ID: PMP-16-SI-E (10.5-1 Instrument: BNAGC1.i

Sample Info: 460-24277-F-17-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60357.d
Inj. Date and Time: 05-APR-2011 17:10
Instrument ID: BNAGC1.i
Client ID: PMP-16-SI-E (10.5-1
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/06/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

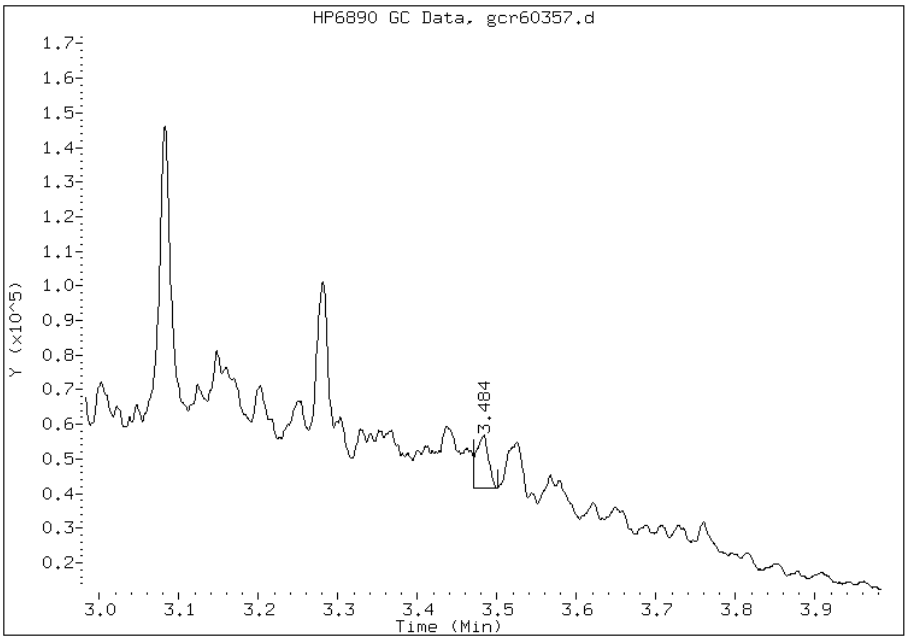
Manual Integration Results

RT: 3.48

Response: 318788

Amount: 5.25

Conc: 2.05



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60357.d
Inj. Date and Time: 05-APR-2011 17:10
Instrument ID: BNAGC1.i
Client ID: PMP-16-SI-E (10.5-1
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/06/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

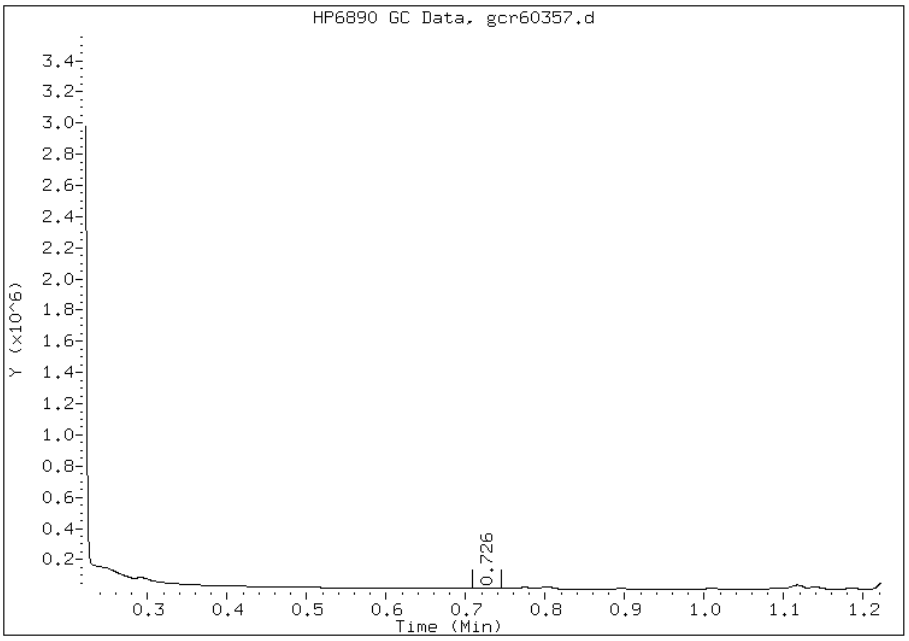
Manual Integration Results

RT: 0.73

Response: 93024

Amount: 2.60

Conc: 1.02



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15VD-E (3.5-4) Lab Sample ID: 460-24277-18

Matrix: Solid Lab File ID: gcr60544.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 10:25

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.01(g) Date Analyzed: 04/07/2011 15:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 8.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69832 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.0	U	6.0	6.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	96		48-112
108-90-7	Chlorobenzene	81		32-106

Data File: gcr60544.d
Report Date: 08-Apr-2011 07:17

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/gcr60544.d
Lab Smp Id: 460-24277-F-18-C Client Smp ID: PMP-15VD-E (3.5-4)
Inj Date : 07-APR-2011 15:06
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-18-C
Misc Info : 460-24277-F-18-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/QAM2009r.m
Meth Date : 08-Apr-2011 07:14 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	8.33333	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.480	3.479	0.001	1161824	19.1307	1.4(M)
$ 2 Chlorobenzene (sur)	0.718	0.720	-0.002	576235	16.1091	1.2(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

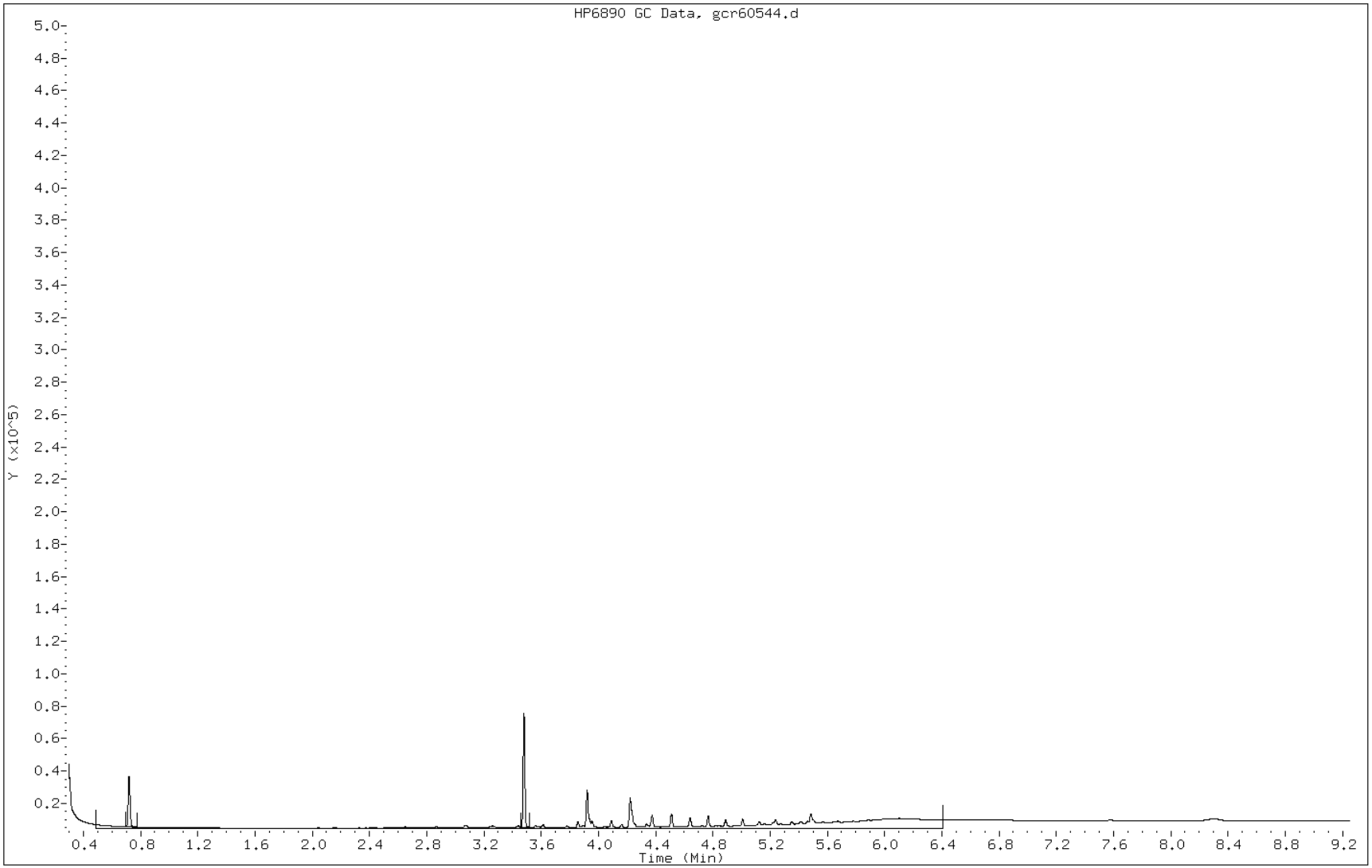
M - Compound response manually integrated.

Data File: gcr60544.d

Date: 07-APR-2011 15:06

Client ID: PMP-15VD-E (3.5-4) Instrument: BNAGC1.i

Sample Info: 460-24277-F-18-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60544.d
Inj. Date and Time: 07-APR-2011 15:06
Instrument ID: BNAGC1.i
Client ID: PMP-15VD-E (3.5-4)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/08/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

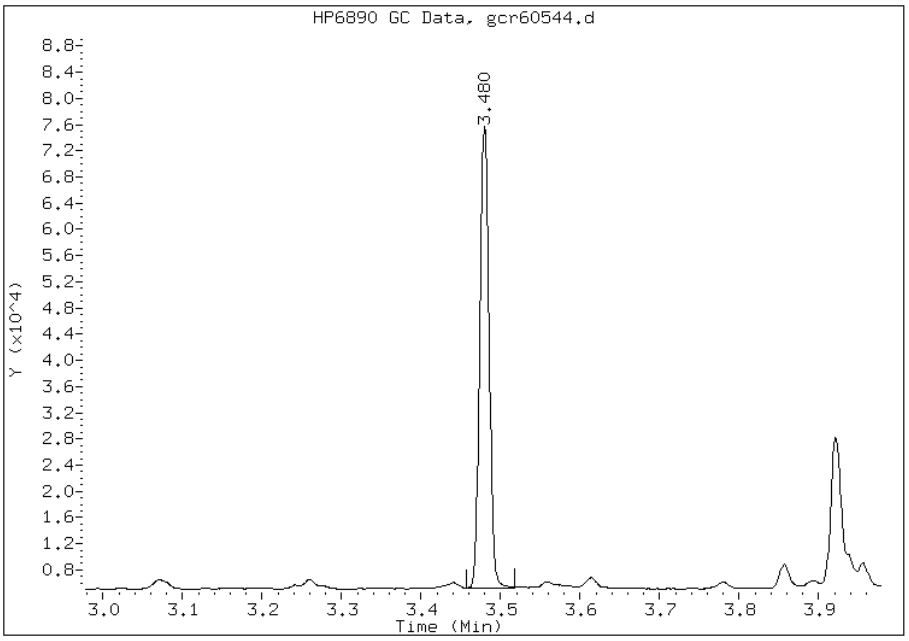
Manual Integration Results

RT: 3.48

Response: 1161824

Amount: 19.13

Conc: 1.39



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60544.d
Inj. Date and Time: 07-APR-2011 15:06
Instrument ID: BNAGC1.i
Client ID: PMP-15VD-E (3.5-4)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/08/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

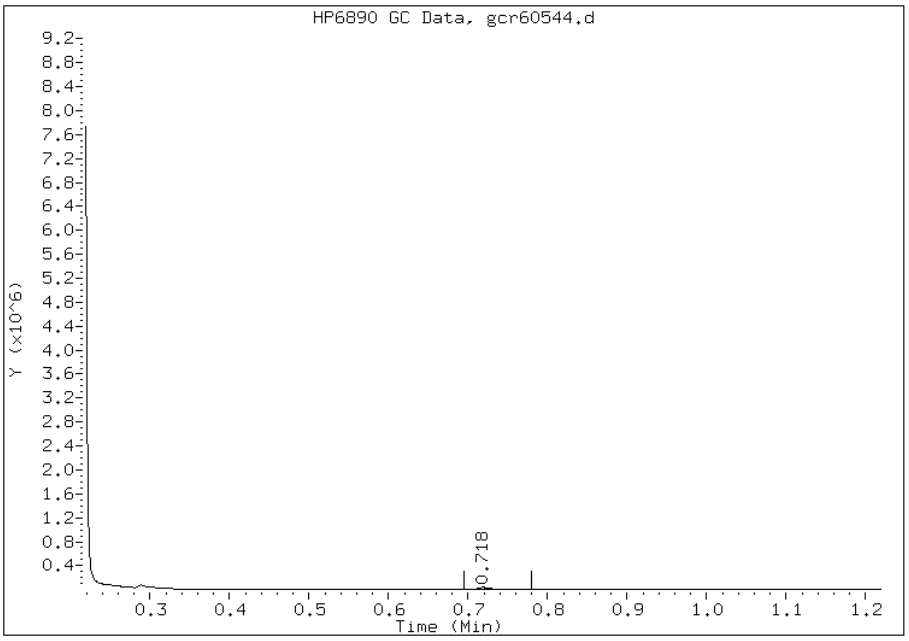
Manual Integration Results

RT: 0.72

Response: 576235

Amount: 16.11

Conc: 1.17



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-WT-E (7.5-8) Lab Sample ID: 460-24277-19

Matrix: Solid Lab File ID: gcr60358.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 10:30

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.00(g) Date Analyzed: 04/05/2011 17:25

Con. Extract Vol.: 1(mL) Dilution Factor: 100

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	14000		620	620

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60358.d
Report Date: 06-Apr-2011 07:01

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60358.d
Lab Smp Id: 460-24277-F-19-C Client Smp ID: PMP-15-WT-E (7.5-8)
Inj Date : 05-APR-2011 17:25
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-19-C
Misc Info : 460-24277-F-19-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 15:31 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 33
Dil Factor: 100.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	11.80556	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.073	2.871	0.202	107221707	1803.99	13600(M)

QC Flag Legend

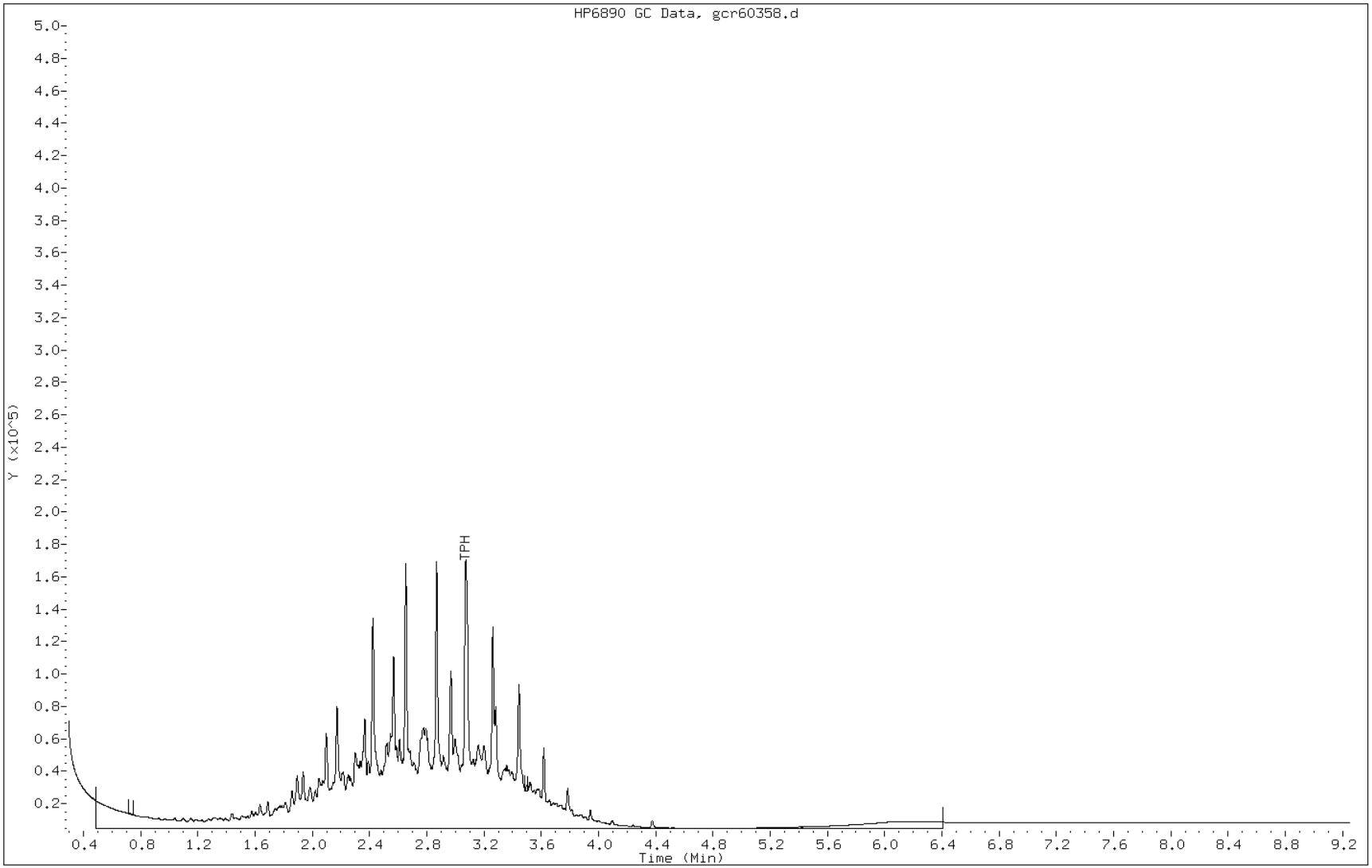
M - Compound response manually integrated.

Data File: gcr60358.d

Date: 05-APR-2011 17:25

Client ID: PMP-15-WT-E (7.5-8) Instrument: BNAGC1.i

Sample Info: 460-24277-F-19-C Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SI-E (15.5-16) Lab Sample ID: 460-24277-20

Matrix: Solid Lab File ID: gcr60545.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 10:35

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.01(g) Date Analyzed: 04/07/2011 15:18

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69832 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.9		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		48-112
108-90-7	Chlorobenzene	79		32-106

Data File: gcr60545.d
Report Date: 08-Apr-2011 07:17

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/gcr60545.d
Lab Smp Id: 460-24277-F-20-C Client Smp ID: PMP-15-SI-E (15.5-1
Inj Date : 07-APR-2011 15:18
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-20-C
Misc Info : 460-24277-F-20-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/QAM2009r.m
Meth Date : 08-Apr-2011 07:14 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	13.57649	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.479	3.479	0.000	1147365	18.8926	1.4(M)
$ 2 Chlorobenzene (sur)	0.719	0.720	-0.001	567757	15.8721	1.2(M)
3 TPH	0.490	2.420	-1.930	5303779	89.2351	6.9(M)

QC Flag Legend

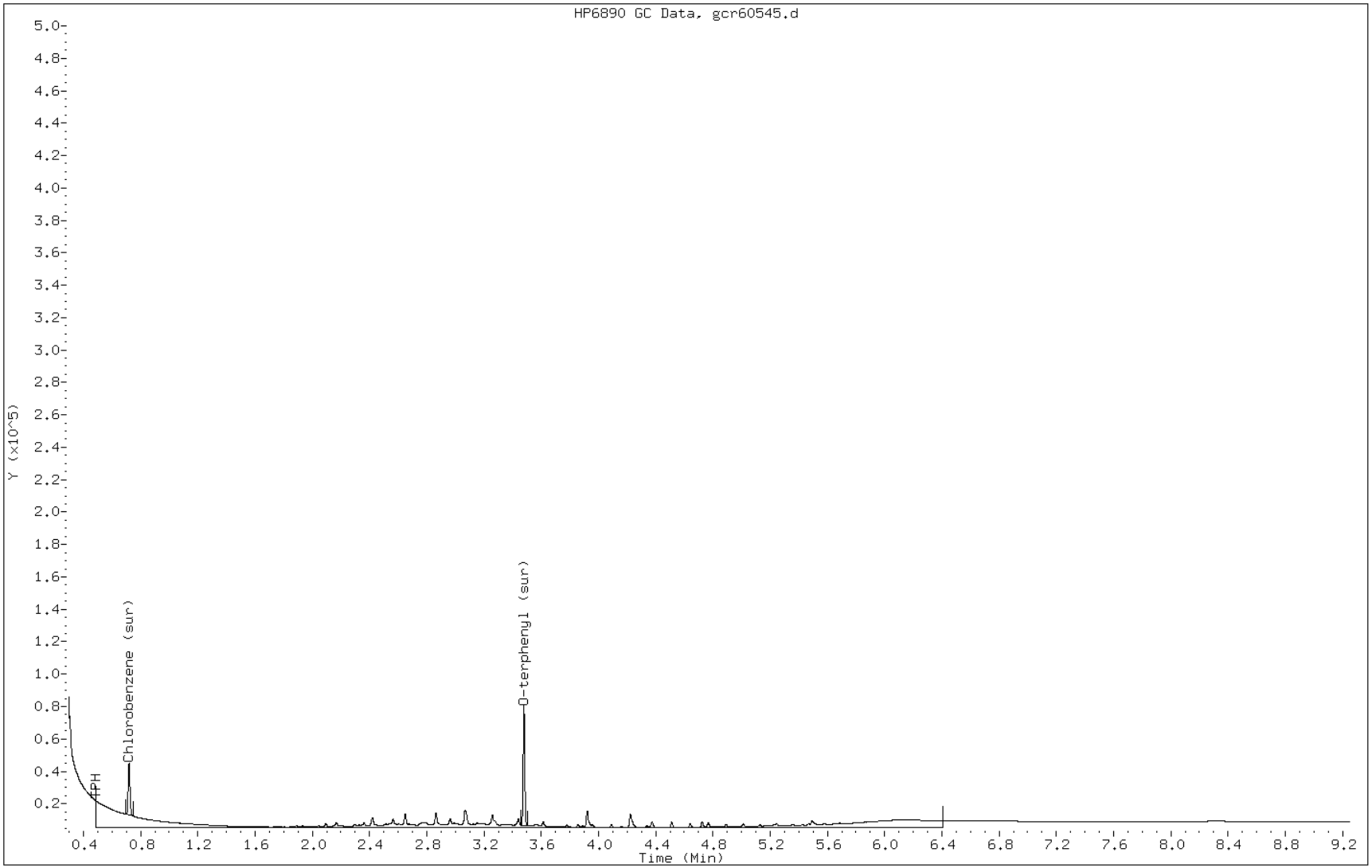
M - Compound response manually integrated.

Data File: gcr60545.d

Date: 07-APR-2011 15:18

Client ID: PMP-15-SI-E (15.5-1 Instrument: BNAGC1.i

Sample Info: 460-24277-F-20-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60545.d
Inj. Date and Time: 07-APR-2011 15:18
Instrument ID: BNAGC1.i
Client ID: PMP-15-SI-E (15.5-1
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/08/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

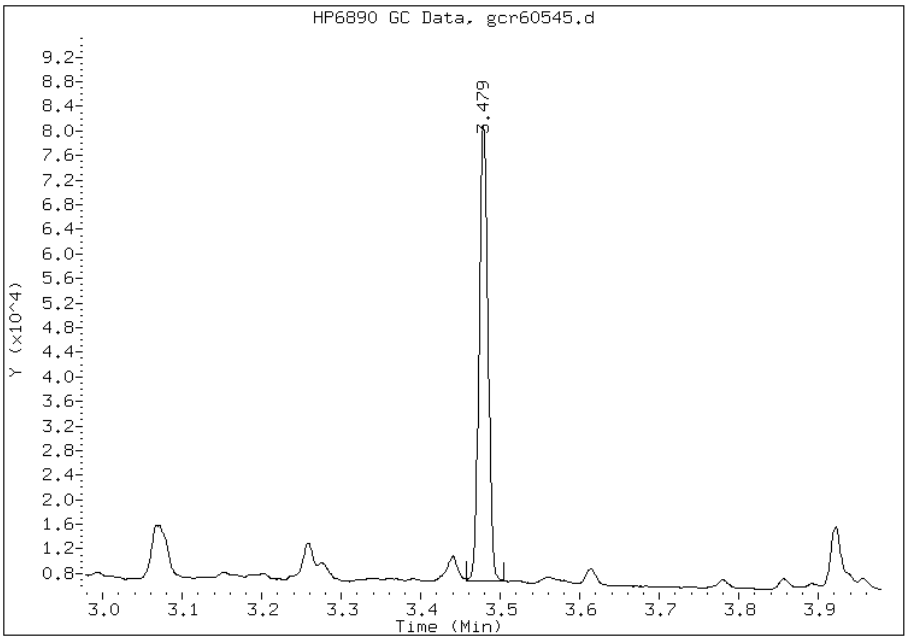
Manual Integration Results

RT: 3.48

Response: 1147365

Amount: 18.89

Conc: 1.46



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60545.d
Inj. Date and Time: 07-APR-2011 15:18
Instrument ID: BNAGC1.i
Client ID: PMP-15-SI-E (15.5-1
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/08/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

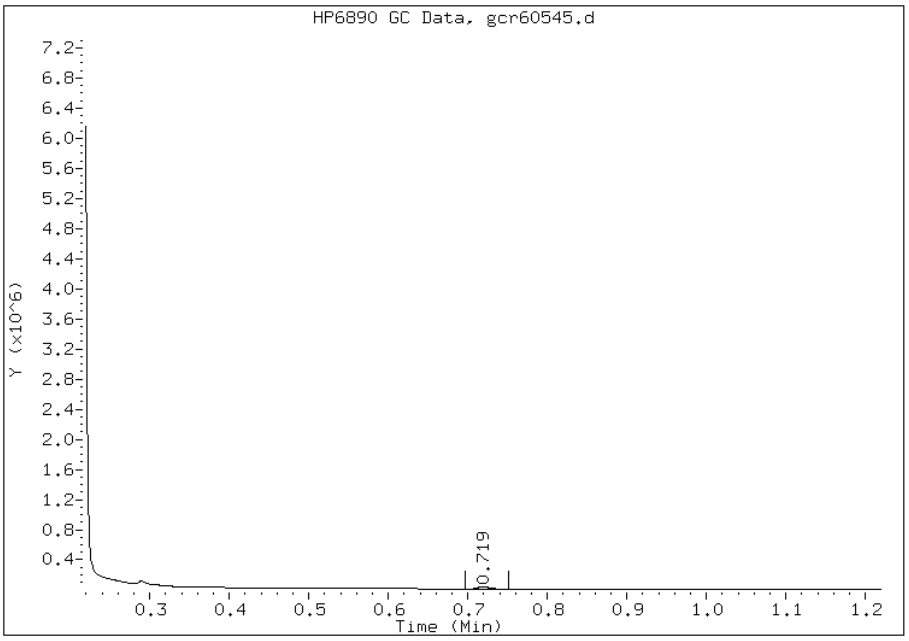
Manual Integration Results

RT: 0.72

Response: 567757

Amount: 15.87

Conc: 1.22



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-15-SD-E (23.5-24.0) Lab Sample ID: 460-24277-21

Matrix: Solid Lab File ID: gcr60537.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 10:40

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.02(g) Date Analyzed: 04/07/2011 13:29

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69832 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.3	U	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	88		48-112
108-90-7	Chlorobenzene	75		32-106

Data File: gcr60537.d
Report Date: 07-Apr-2011 13:54

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/gcr60537.d
Lab Smp Id: 460-24277-F-21-C Client Smp ID: PMP-15-SD-E (23.5-2
Inj Date : 07-APR-2011 13:29
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-21-C
Misc Info : 460-24277-F-21-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/QAM2009r.m
Meth Date : 07-Apr-2011 13:53 patelhe Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	13.21762	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.479	3.480	-0.001	1069406	17.6090	1.4(M)
$ 2 Chlorobenzene (sur)	0.720	0.721	-0.001	534834	14.9517	1.1(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

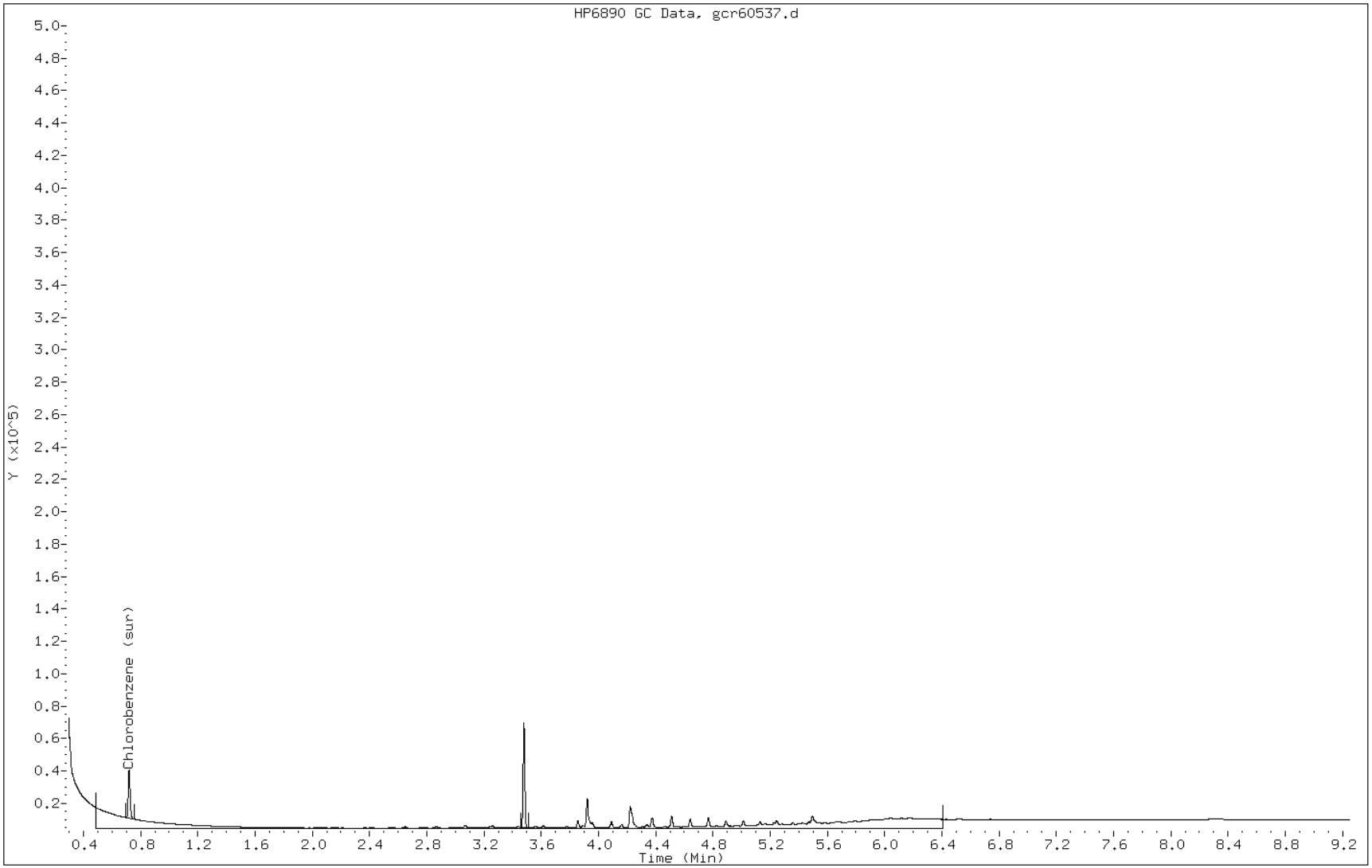
M - Compound response manually integrated.

Data File: gcr60537.d

Date: 07-APR-2011 13:29

Client ID: PMP-15-SD-E (23.5-2 Instrument: BNAGC1.i

Sample Info: 460-24277-F-21-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60537.d
Inj. Date and Time: 07-APR-2011 13:29
Instrument ID: BNAGC1.i
Client ID: PMP-15-SD-E (23.5-2
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

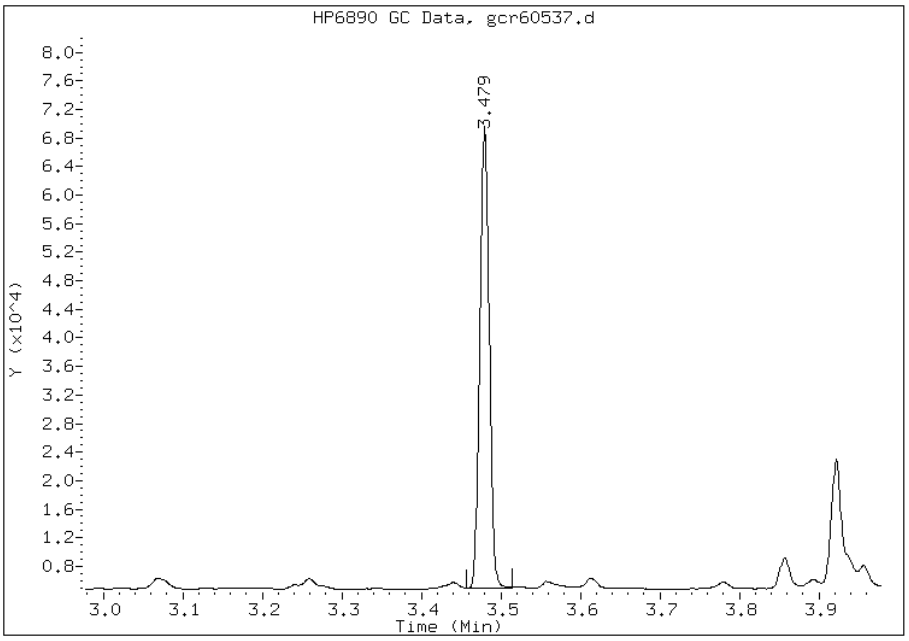
Manual Integration Results

RT: 3.48

Response: 1069406

Amount: 17.61

Conc: 1.35



Manually Integrated By: patelhe
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60537.d
Inj. Date and Time: 07-APR-2011 13:29
Instrument ID: BNAGC1.i
Client ID: PMP-15-SD-E (23.5-2
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

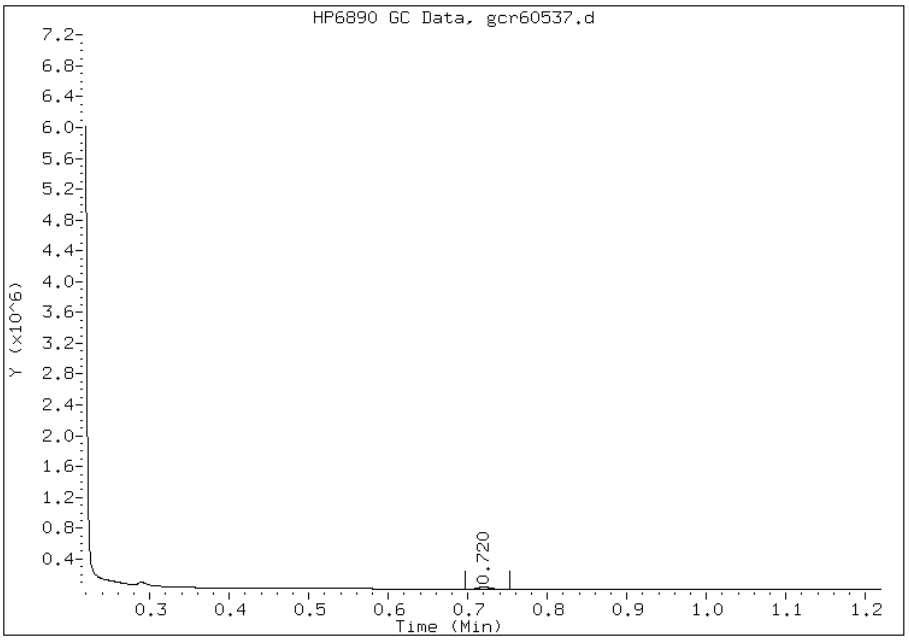
Manual Integration Results

RT: 0.72

Response: 534834

Amount: 14.95

Conc: 1.15



Manually Integrated By: patelhe
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-VD-E (3-5) Lab Sample ID: 460-24277-22

Matrix: Solid Lab File ID: gcr60359.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 11:55

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.00(g) Date Analyzed: 04/05/2011 17:35

Con. Extract Vol.: 1(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	9000		290	290

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60359.d
Report Date: 06-Apr-2011 11:46

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60359.d
Lab Smp Id: 460-24277-F-22-C Client Smp ID: PMP-28-VD-E (3-5)
Inj Date : 05-APR-2011 17:35
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-22-C
Misc Info : 460-24277-F-22-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 06-Apr-2011 10:57 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 34
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	5.40915	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.081	2.869	0.212	152059317	2558.37	9020(M)

QC Flag Legend

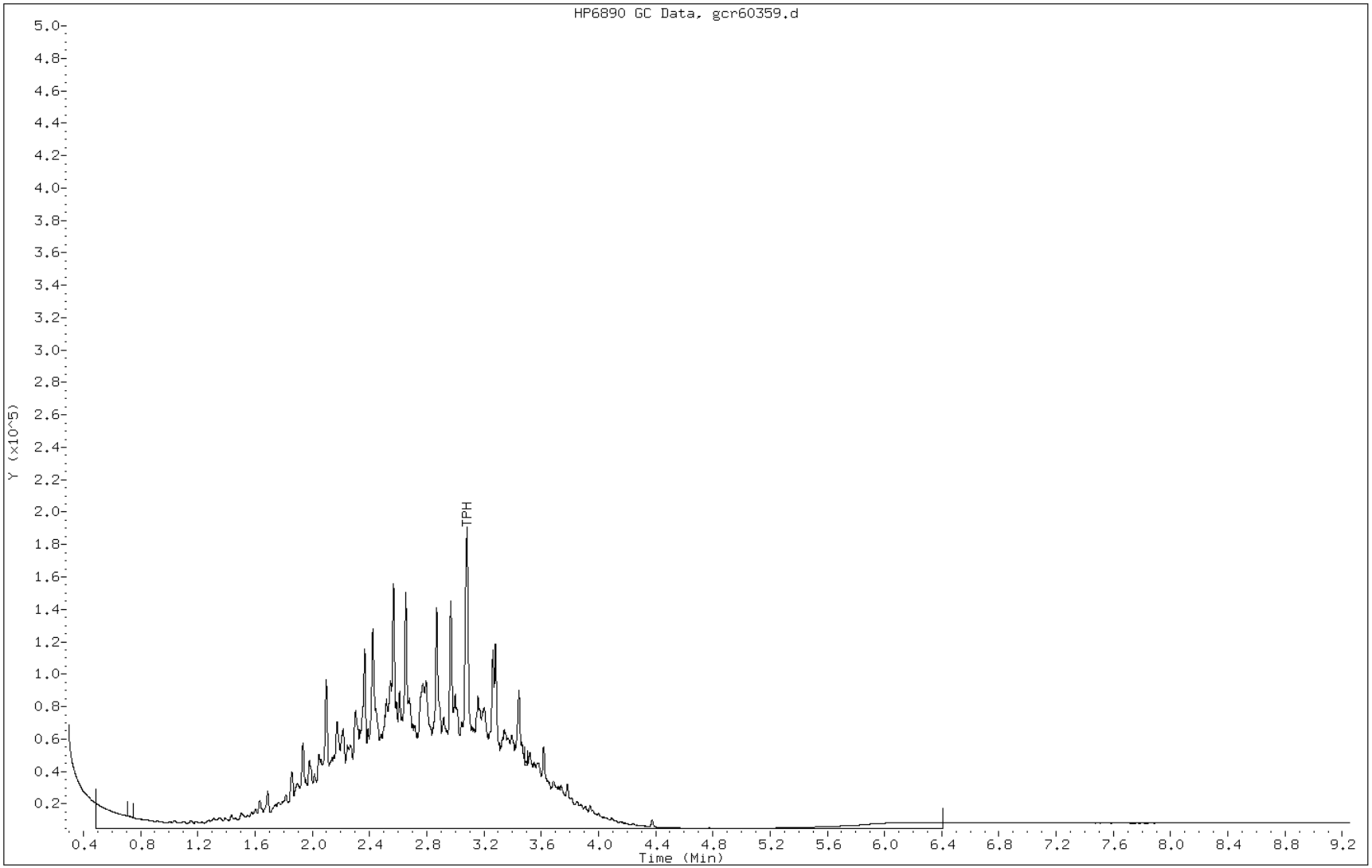
M - Compound response manually integrated.

Data File: gcr60359.d

Date: 05-APR-2011 17:35

Client ID: PMP-28-VD-E (3-5) Instrument: BNAGC1.i

Sample Info: 460-24277-F-22-C Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-WT-E (8-8.5) Lab Sample ID: 460-24277-23

Matrix: Solid Lab File ID: gcr60360.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 12:00

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.03(g) Date Analyzed: 04/05/2011 17:40

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	4100		130	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60360.d
Report Date: 06-Apr-2011 07:01

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60360.d
Lab Smp Id: 460-24277-F-23-C Client Smp ID: PMP-28-WT-E (8-8.5)
Inj Date : 05-APR-2011 17:40
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-23-C
Misc Info : 460-24277-F-23-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 15:31 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 35
Dil Factor: 20.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.03000	Weight of sample extracted (g)
M	14.70180	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.083	2.871	0.212	155988840	2624.48	4090(M)

QC Flag Legend

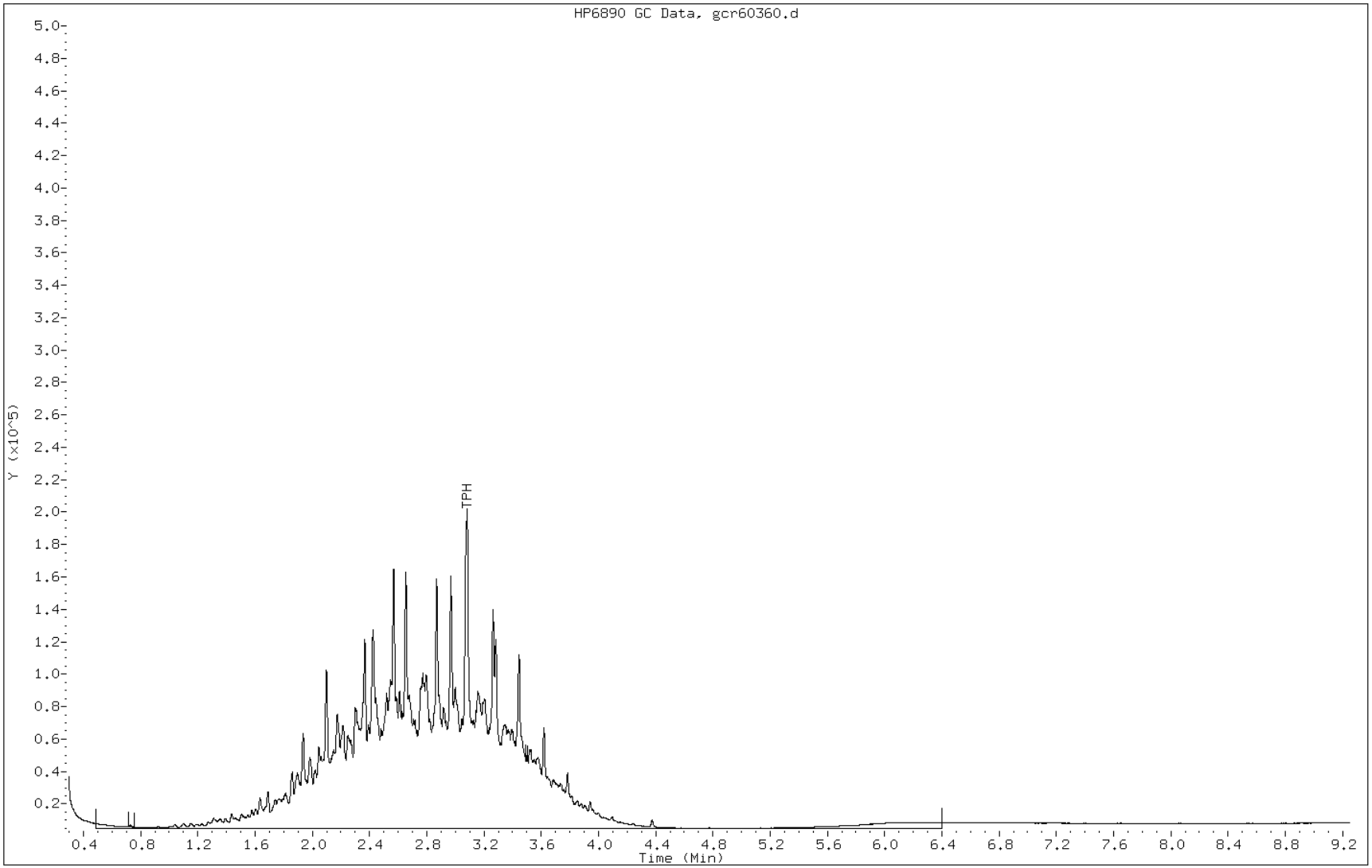
M - Compound response manually integrated.

Data File: gcr60360.d

Date: 05-APR-2011 17:40

Client ID: PMP-28-WT-E (8-8.5) Instrument: BNAGC1.i

Sample Info: 460-24277-F-23-C Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI1-E (11-13) Lab Sample ID: 460-24277-24

Matrix: Solid Lab File ID: gcr60427.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 12:05

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.00(g) Date Analyzed: 04/06/2011 10:58

Con. Extract Vol.: 1(mL) Dilution Factor: 25

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69780 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	4800		160	160

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60427.d
Report Date: 06-Apr-2011 13:35

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-06-11/06apr11a.b/gcr60427.d
Lab Smp Id: 460-24277-F-24-C Client Smp ID: PMP-28-SI1-E (11-13
Inj Date : 06-APR-2011 10:58
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-24-C
Misc Info : 460-24277-F-24-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-06-11/06apr11a.b/QAM2009r.m
Meth Date : 06-Apr-2011 13:35 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 36
Dil Factor: 25.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	25.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	12.41915	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.074	2.869	0.205	151407623	2547.41	4850(M)

QC Flag Legend

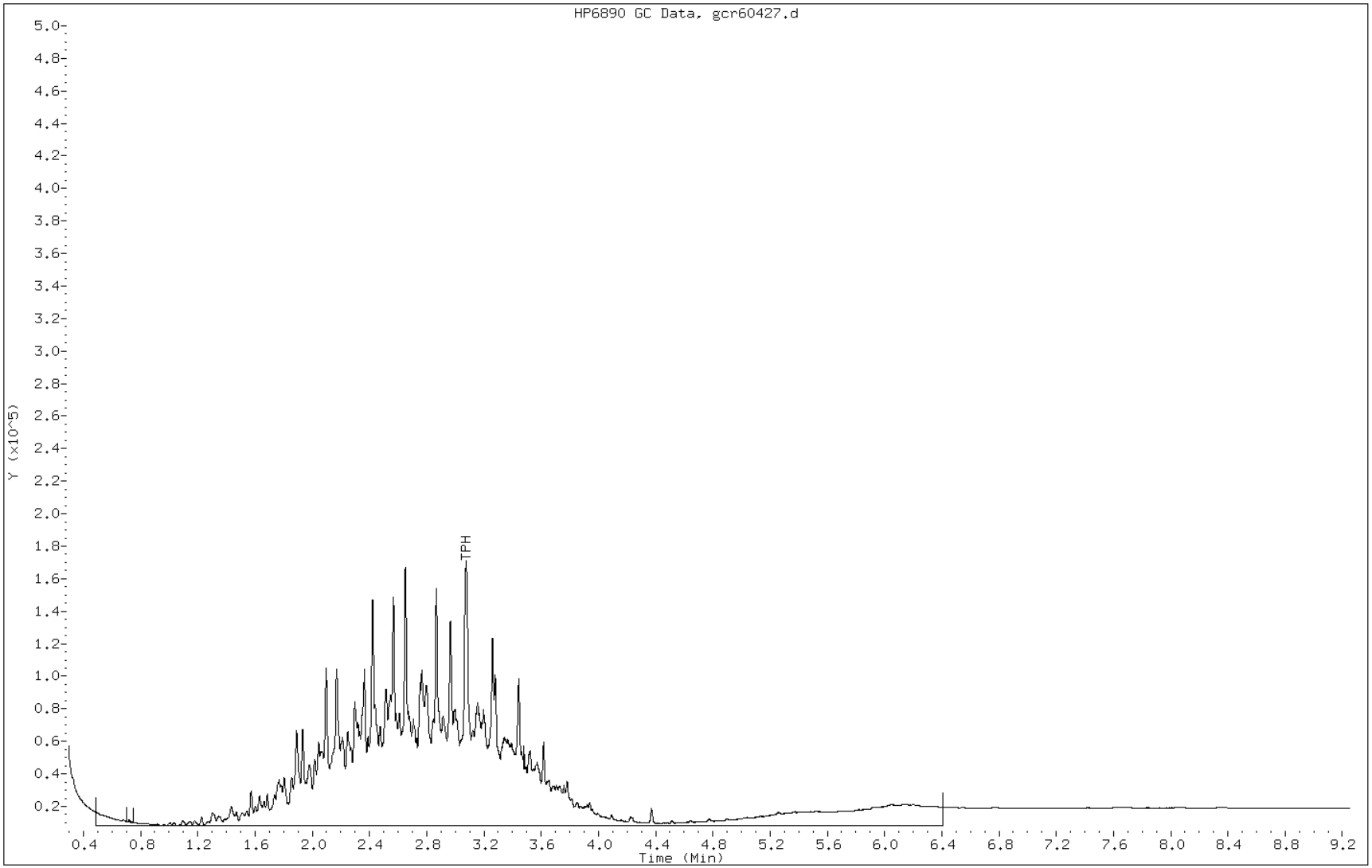
M - Compound response manually integrated.

Data File: gcr60427.d

Date: 06-APR-2011 10:58

Client ID: PMP-28-SI1-E (11-13 Instrument: BNAGC1.i

Sample Info: 460-24277-F-24-C Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-28-SI2-E (15-17) Lab Sample ID: 460-24277-25

Matrix: Solid Lab File ID: gcr60538.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 12:10

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.01(g) Date Analyzed: 04/07/2011 13:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69832 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	31		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	99		48-112
108-90-7	Chlorobenzene	82		32-106

Data File: gcr60538.d
Report Date: 07-Apr-2011 14:25

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/gcr60538.d
Lab Smp Id: 460-24277-F-25-C Client Smp ID: PMP-28-SI2-E (15-17
Inj Date : 07-APR-2011 13:43
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-25-C
Misc Info : 460-24277-F-25-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/QAM2009r.m
Meth Date : 07-Apr-2011 14:22 patelhe Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	13.37143	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(mg/Kg)
$ 1 O-terphenyl (sur)	3.479	3.447	0.032	1204419	19.8321	1.5(M)
$ 2 Chlorobenzene (sur)	0.719	0.721	-0.002	586285	16.3900	1.3(M)
3 TPH	3.075	0.204	2.871	24342819	409.564	31.5(M)

QC Flag Legend

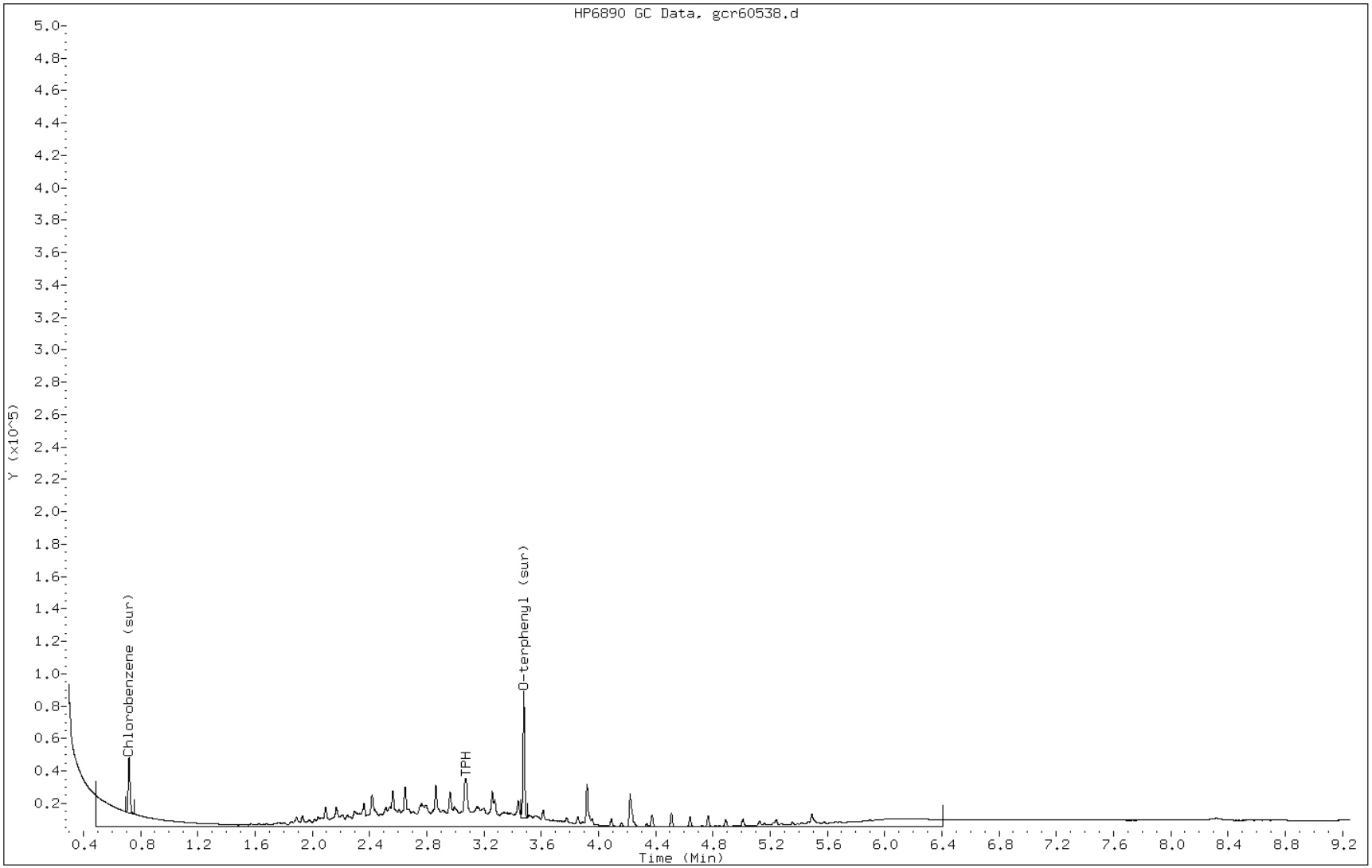
M - Compound response manually integrated.

Data File: gcr60538.d

Date: 07-APR-2011 13:43

Client ID: PMP-28-SI2-E (15-17 Instrument: BNAGC1.i

Sample Info: 460-24277-F-25-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60538.d
Inj. Date and Time: 07-APR-2011 13:43
Instrument ID: BNAGC1.i
Client ID: PMP-28-SI2-E (15-17
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

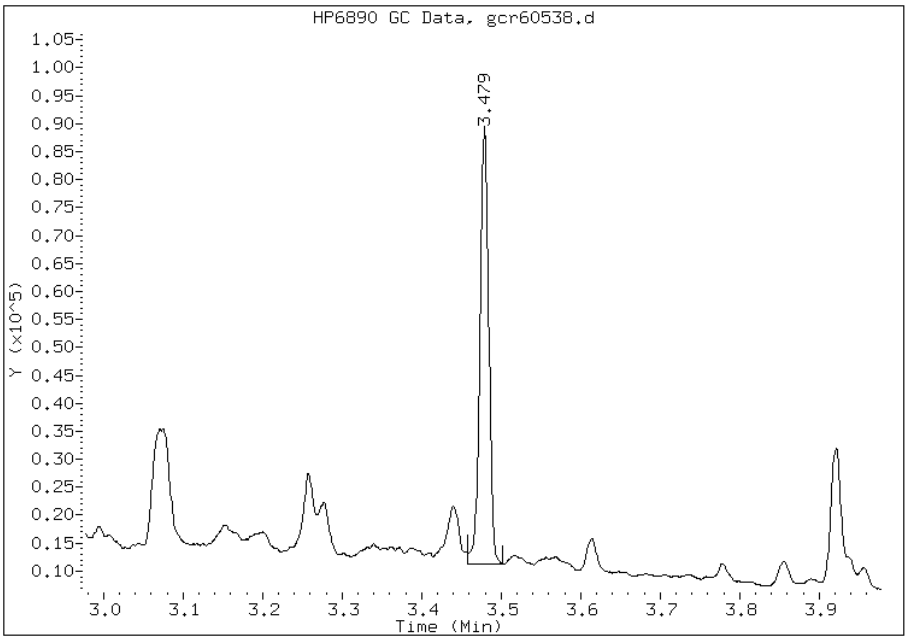
Manual Integration Results

RT: 3.48

Response: 1204419

Amount: 19.83

Conc: 1.53



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcr60538.d
Inj. Date and Time: 07-APR-2011 13:43
Instrument ID: BNAGC1.i
Client ID: PMP-28-SI2-E (15-17
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

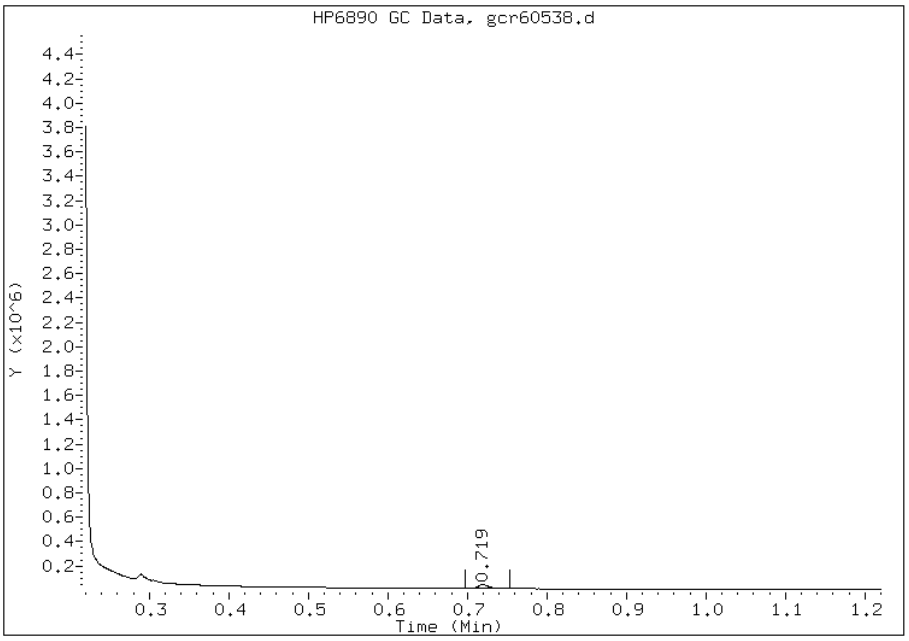
Manual Integration Results

RT: 0.72

Response: 586285

Amount: 16.39

Conc: 1.26



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-VD-E (3.5-4) | Lab Sample ID: 460-24277-26

Matrix: Solid | Lab File ID: gcr60546.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 03/18/2011 12:30

Extraction Method: 3546 | Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.02(g) | Date Analyzed: 04/07/2011 15:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69832 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7.9		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		48-112
108-90-7	Chlorobenzene	76		32-106

Data File: gcr60546.d
Report Date: 08-Apr-2011 07:17

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/gcr60546.d
Lab Smp Id: 460-24277-F-26-C Client Smp ID: PMP-17-VD-E (3.5-4)
Inj Date : 07-APR-2011 15:32
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-26-C
Misc Info : 460-24277-F-26-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/QAM2009r.m
Meth Date : 08-Apr-2011 07:14 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	4.10959	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.479	3.479	0.000	1085206	17.8691	1.2(M)
$ 2 Chlorobenzene (sur)	0.720	0.720	0.000	540844	15.1197	1.0(M)
3 TPH	3.920	2.420	1.500	6751909	113.600	7.9(M)

QC Flag Legend

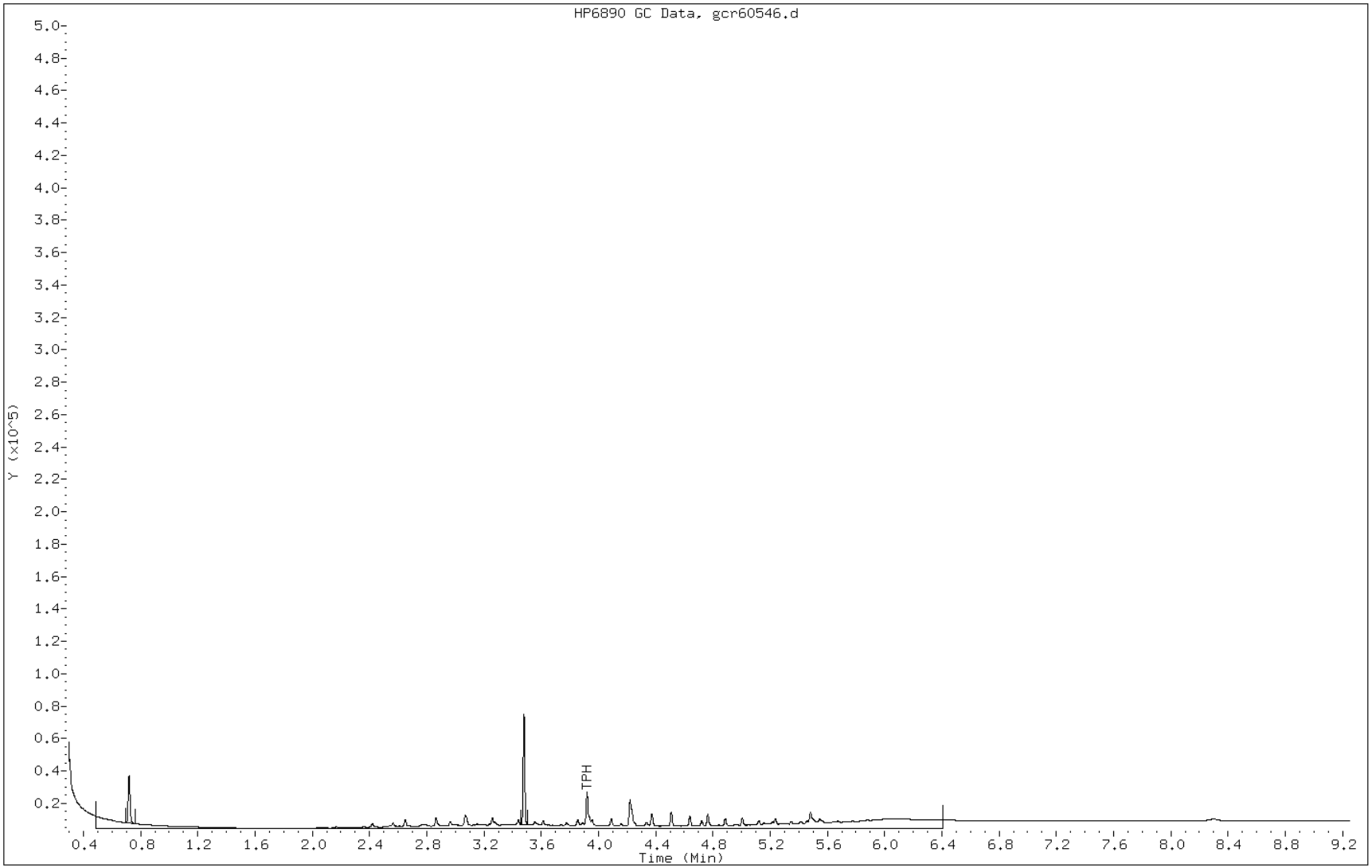
M - Compound response manually integrated.

Data File: gcr60546.d

Date: 07-APR-2011 15:32

Client ID: PMP-17-VD-E (3.5-4) Instrument: BNAGC1.i

Sample Info: 460-24277-F-26-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60546.d
Inj. Date and Time: 07-APR-2011 15:32
Instrument ID: BNAGC1.i
Client ID: PMP-17-VD-E (3.5-4)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/08/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

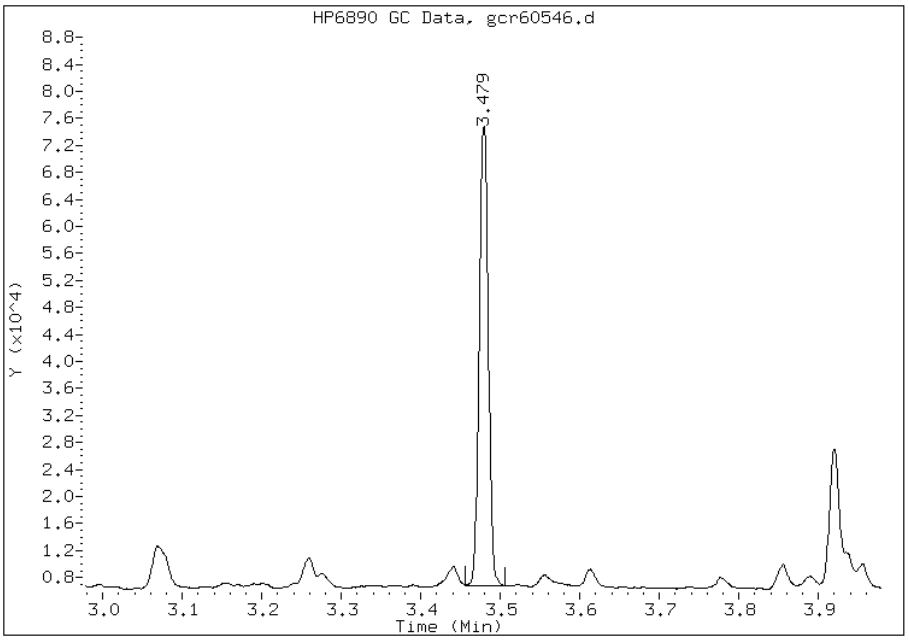
Manual Integration Results

RT: 3.48

Response: 1085206

Amount: 17.87

Conc: 1.24



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60546.d
Inj. Date and Time: 07-APR-2011 15:32
Instrument ID: BNAGC1.i
Client ID: PMP-17-VD-E (3.5-4)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/08/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

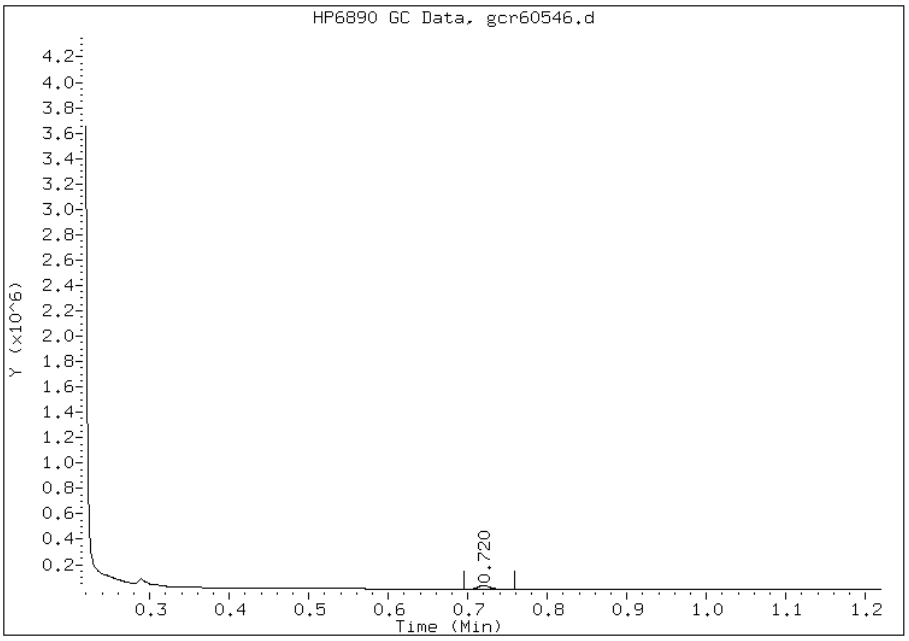
Manual Integration Results

RT: 0.72

Response: 540844

Amount: 15.12

Conc: 1.05



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-WT-E (8-8.5) Lab Sample ID: 460-24277-27

Matrix: Solid Lab File ID: gcr60428.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 12:35

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.00(g) Date Analyzed: 04/06/2011 11:13

Con. Extract Vol.: 1(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69780 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6600		310	310

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60428.d
Report Date: 06-Apr-2011 13:35

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-06-11/06apr11a.b/gcr60428.d
Lab Smp Id: 460-24277-F-27-C Client Smp ID: PMP-17-WT-E (8-8.5)
Inj Date : 06-APR-2011 11:13
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-27-C
Misc Info : 460-24277-F-27-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-06-11/06apr11a.b/QAM2009r.m
Meth Date : 06-Apr-2011 13:35 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 37
Dil Factor: 50.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	11.00124	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	2.652	2.869	-0.217	104696946	1761.51	6600(M)

QC Flag Legend

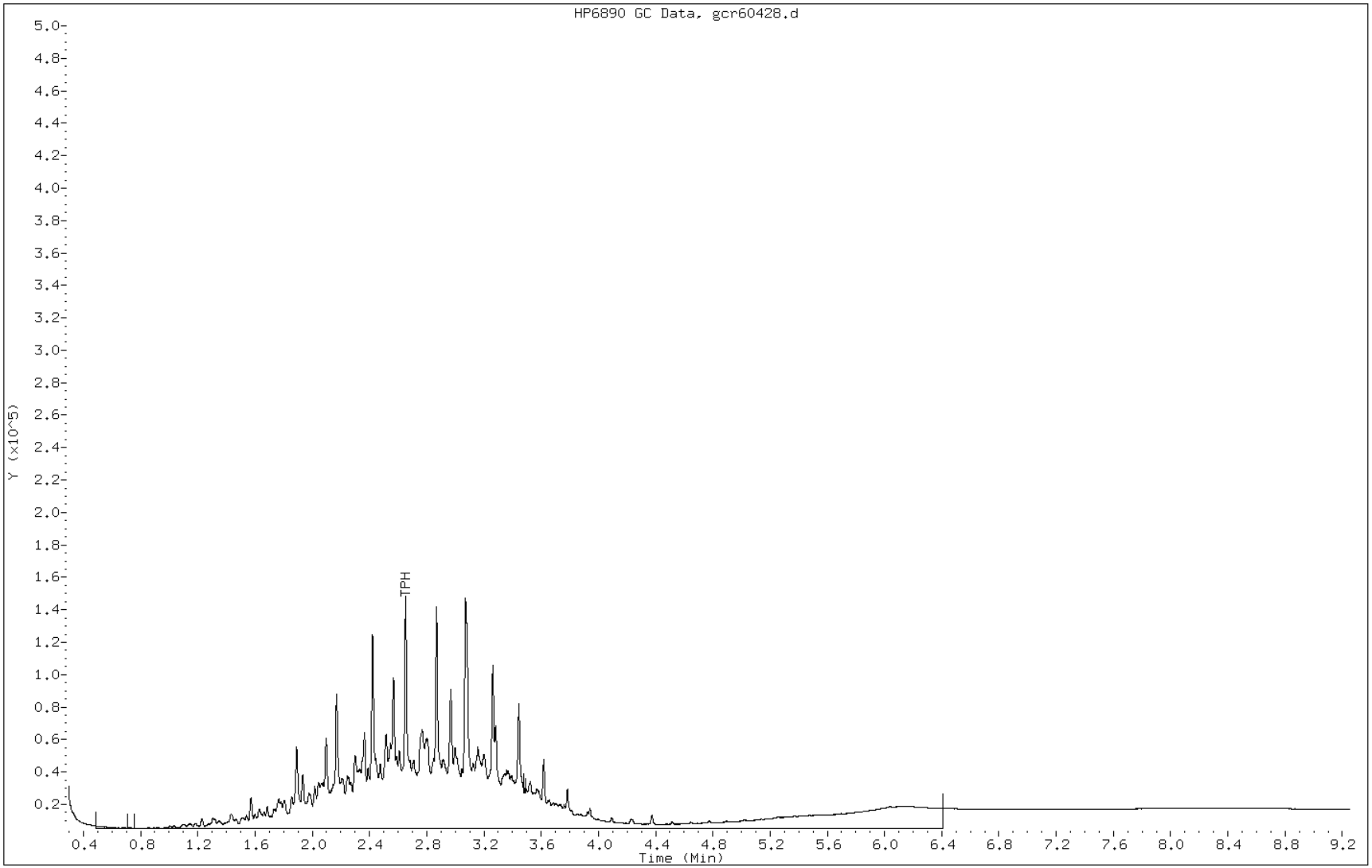
M - Compound response manually integrated.

Data File: gcr60428.d

Date: 06-APR-2011 11:13

Client ID: PMP-17-WT-E (8-8.5) Instrument: BNAGC1.i

Sample Info: 460-24277-F-27-C Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-17-SI-E (10.5-11.0) Lab Sample ID: 460-24277-28

Matrix: Solid Lab File ID: gcr60429.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 12:40

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.01(g) Date Analyzed: 04/06/2011 11:35

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69780 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	590		32	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	64		48-112
108-90-7	Chlorobenzene	69		32-106

Data File: gcr60429.d
Report Date: 06-Apr-2011 13:35

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-06-11/06apr11a.b/gcr60429.d
Lab Smp Id: 460-24277-F-28-C Client Smp ID: PMP-17-SI-E (10.5-1
Inj Date : 06-APR-2011 11:35
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-28-C
Misc Info : 460-24277-F-28-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-06-11/06apr11a.b/QAM2009r.m
Meth Date : 06-Apr-2011 13:35 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 38
Dil Factor: 5.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	13.09942	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.482	3.483	-0.001	155237	2.55615	0.98(aM)
$ 2 Chlorobenzene (sur)	0.723	0.723	0.000	98524	2.75431	1.0(aM)
3 TPH	2.652	2.869	-0.217	91270034	1535.60	589(M)

QC Flag Legend

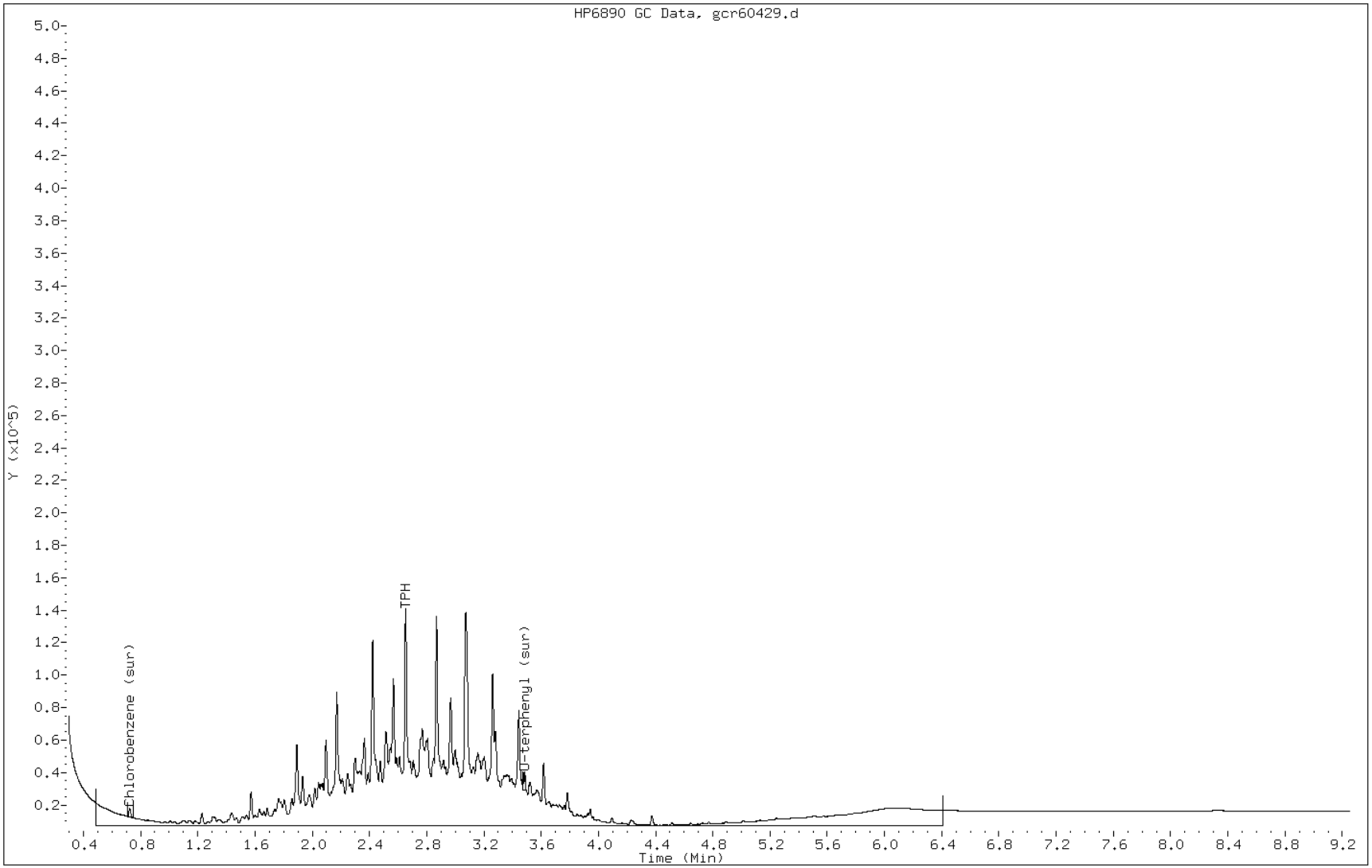
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: gcr60429.d

Date: 06-APR-2011 11:35

Client ID: PMP-17-SI-E (10.5-1 Instrument: BNAGC1.i

Sample Info: 460-24277-F-28-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60429.d
Inj. Date and Time: 06-APR-2011 11:35
Instrument ID: BNAGC1.i
Client ID: PMP-17-SI-E (10.5-1
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

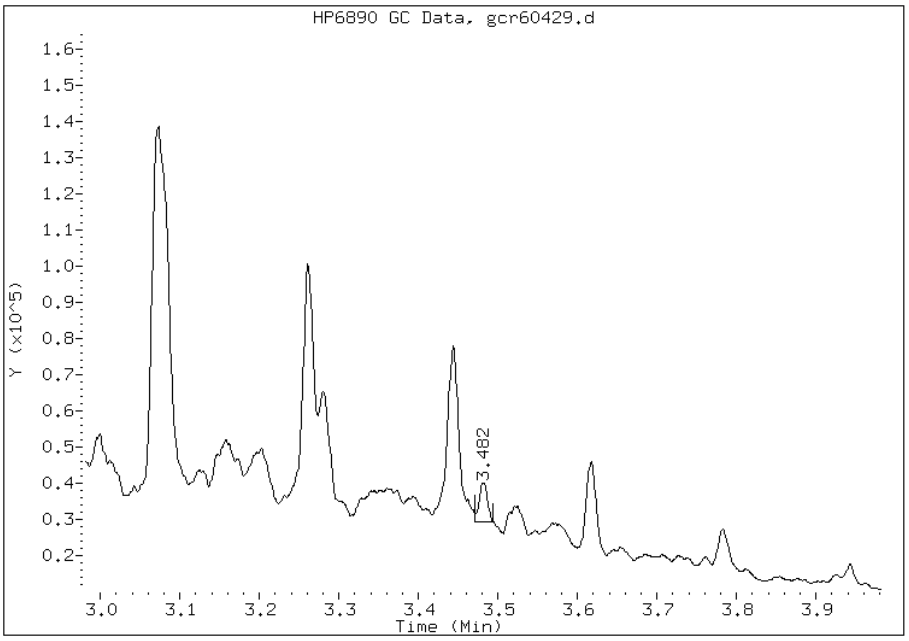
Manual Integration Results

RT: 3.48

Response: 155237

Amount: 2.56

Conc: 0.98



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60429.d
Inj. Date and Time: 06-APR-2011 11:35
Instrument ID: BNAGC1.i
Client ID: PMP-17-SI-E (10.5-1
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

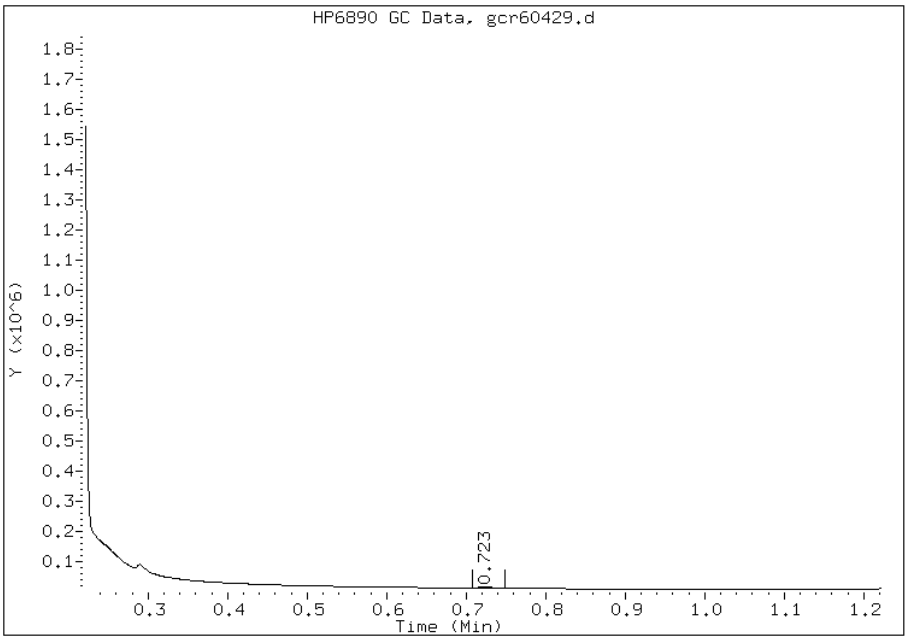
Manual Integration Results

RT: 0.72

Response: 98524

Amount: 2.75

Conc: 1.06



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-VD-E (3.5-4) Lab Sample ID: 460-24277-29

Matrix: Solid Lab File ID: gcr60547.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 12:50

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.00(g) Date Analyzed: 04/07/2011 15:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69832 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	41		6.1	6.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	98		48-112
108-90-7	Chlorobenzene	75		32-106

Data File: gcr60547.d
Report Date: 08-Apr-2011 07:17

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/gcr60547.d
Lab Smp Id: 460-24277-F-29-C Client Smp ID: PMP-18-VD-E (3.5-4)
Inj Date : 07-APR-2011 15:47
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-29-C
Misc Info : 460-24277-F-29-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/QAM2009r.m
Meth Date : 08-Apr-2011 07:14 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	9.69900	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.480	3.479	0.001	1194903	19.6754	1.4(M)
$ 2 Chlorobenzene (sur)	0.720	0.720	0.000	536013	14.9846	1.1(M)
3 TPH	3.075	2.420	0.655	32684773	549.916	40.6(M)

QC Flag Legend

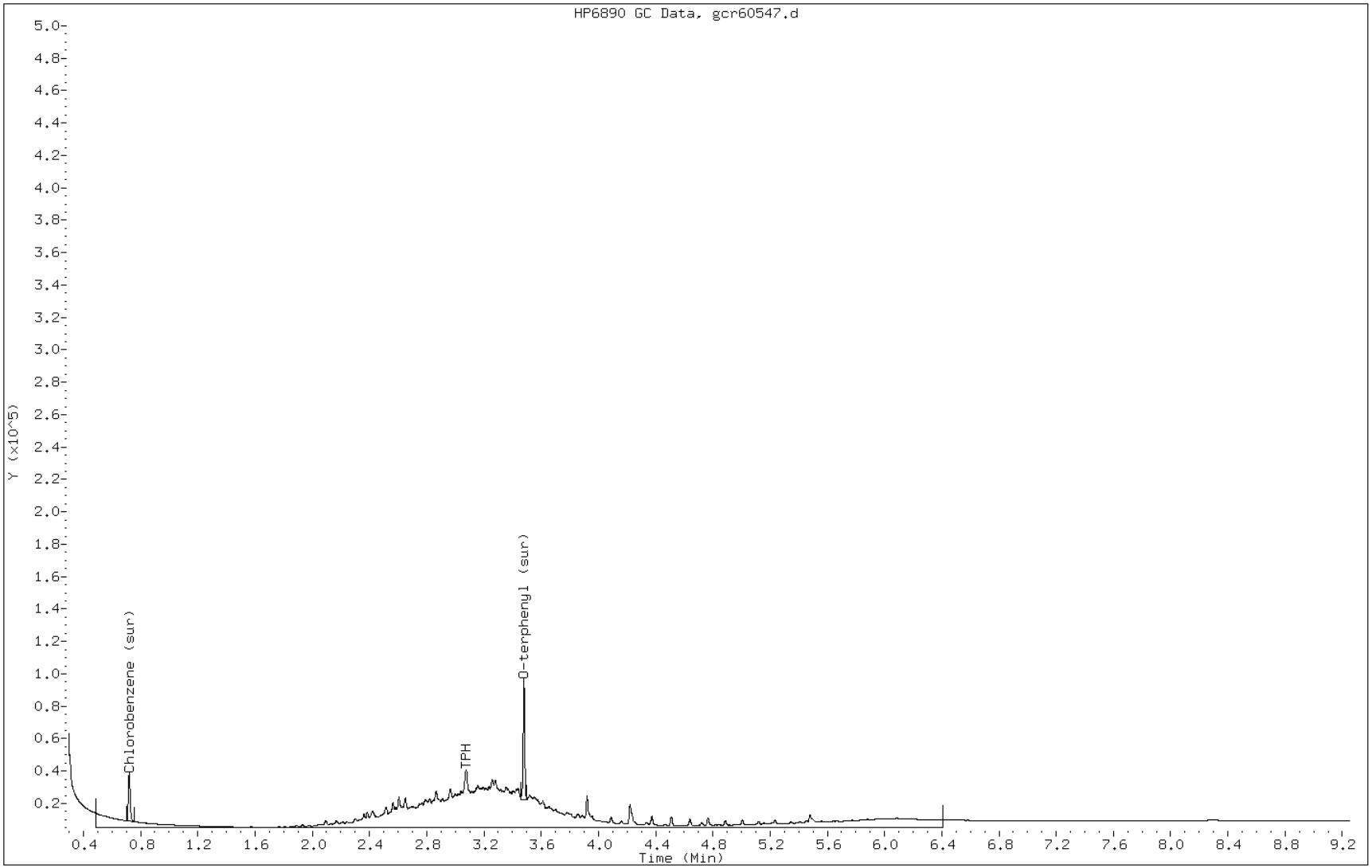
M - Compound response manually integrated.

Data File: gcr60547.d

Date: 07-APR-2011 15:47

Client ID: PMP-18-VD-E (3.5-4) Instrument: BNAGC1.i

Sample Info: 460-24277-F-29-C Operator: BNAGC1



Manual Integration Report

Data File: gcr60547.d
Inj. Date and Time: 07-APR-2011 15:47
Instrument ID: BNAGC1.i
Client ID: PMP-18-VD-E (3.5-4)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/08/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

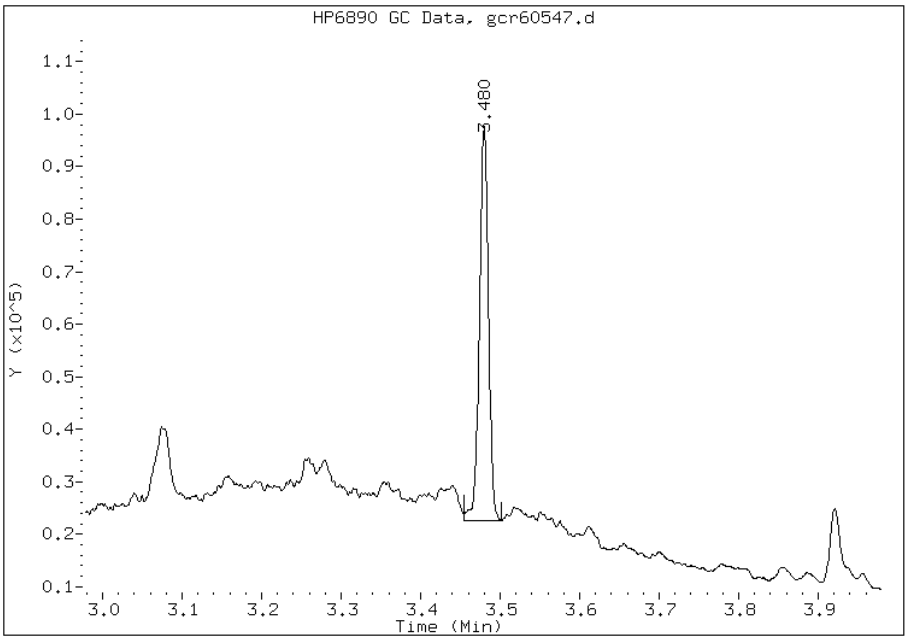
Manual Integration Results

RT: 3.48

Response: 1194903

Amount: 19.68

Conc: 1.45



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60547.d
Inj. Date and Time: 07-APR-2011 15:47
Instrument ID: BNAGC1.i
Client ID: PMP-18-VD-E (3.5-4)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/08/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

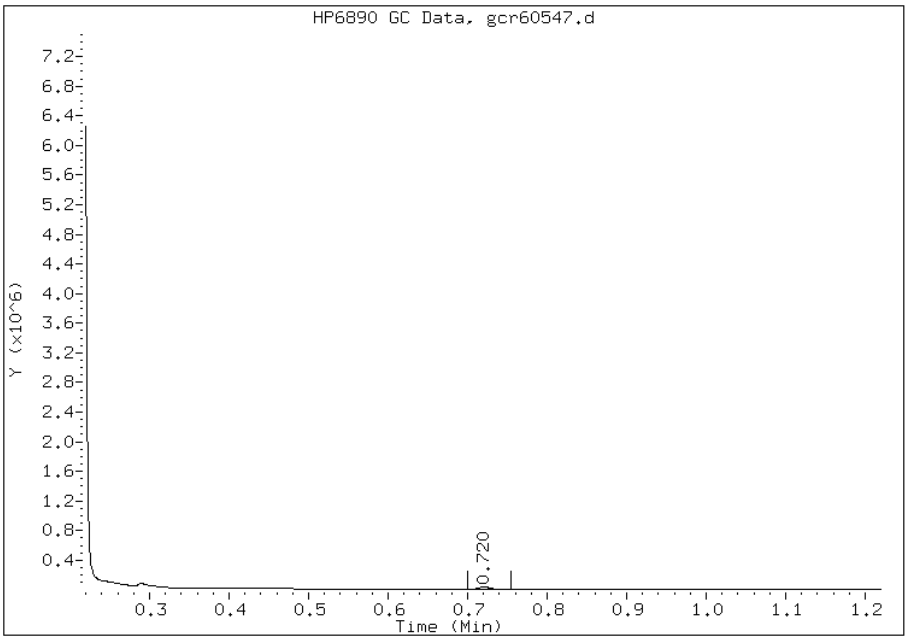
Manual Integration Results

RT: 0.72

Response: 536013

Amount: 14.98

Conc: 1.11



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-WT-E (8-8.5) Lab Sample ID: 460-24277-30

Matrix: Solid Lab File ID: gcr60430.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 12:55

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.02(g) Date Analyzed: 04/06/2011 11:50

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 8.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69780 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3400		120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60430.d
Report Date: 06-Apr-2011 13:35

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-06-11/06apr11a.b/gcr60430.d
Lab Smp Id: 460-24277-F-30-C Client Smp ID: PMP-18-WT-E (8-8.5)
Inj Date : 06-APR-2011 11:50
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-30-C
Misc Info : 460-24277-F-30-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-06-11/06apr11a.b/QAM2009r.m
Meth Date : 06-Apr-2011 13:35 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 39
Dil Factor: 20.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	8.37521	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.082	2.869	0.213	139048749	2339.47	3400(M)

QC Flag Legend

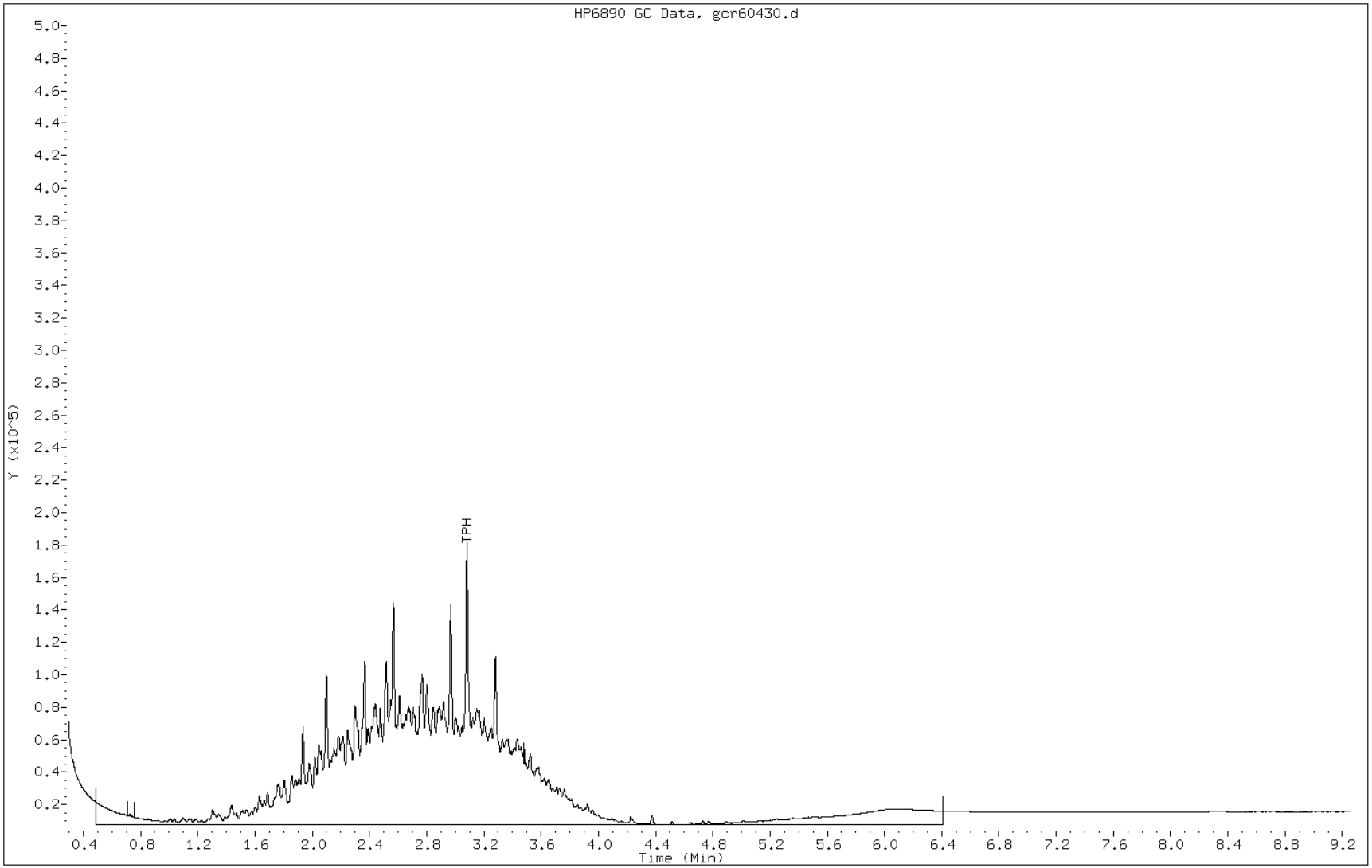
M - Compound response manually integrated.

Data File: gcr60430.d

Date: 06-APR-2011 11:50

Client ID: PMP-18-WT-E (8-8.5) Instrument: BNAGC1.i

Sample Info: 460-24277-F-30-C Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-18-SI-E (10.5-11) Lab Sample ID: 460-24277-31

Matrix: Solid Lab File ID: gcr60431.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 13:00

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.00(g) Date Analyzed: 04/06/2011 12:05

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69780 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1400		64	64

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60431.d
Report Date: 07-Apr-2011 04:33

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-06-11/06apr11a.b/gcr60431.d
Lab Smp Id: 460-24277-F-31-C Client Smp ID: PMP-18-SI-E (10.5-1
Inj Date : 06-APR-2011 12:05
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24277-F-31-C
Misc Info : 460-24277-F-31-C
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-06-11/06apr11a.b/QAM2009r.m
Meth Date : 07-Apr-2011 04:20 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 40
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	14.64497	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	Compound Not Detected.					
$ 2 Chlorobenzene (sur)	Compound Not Detected.					
3 TPH	3.081	3.262	-0.181	105037874	1767.24	1380(M)

QC Flag Legend

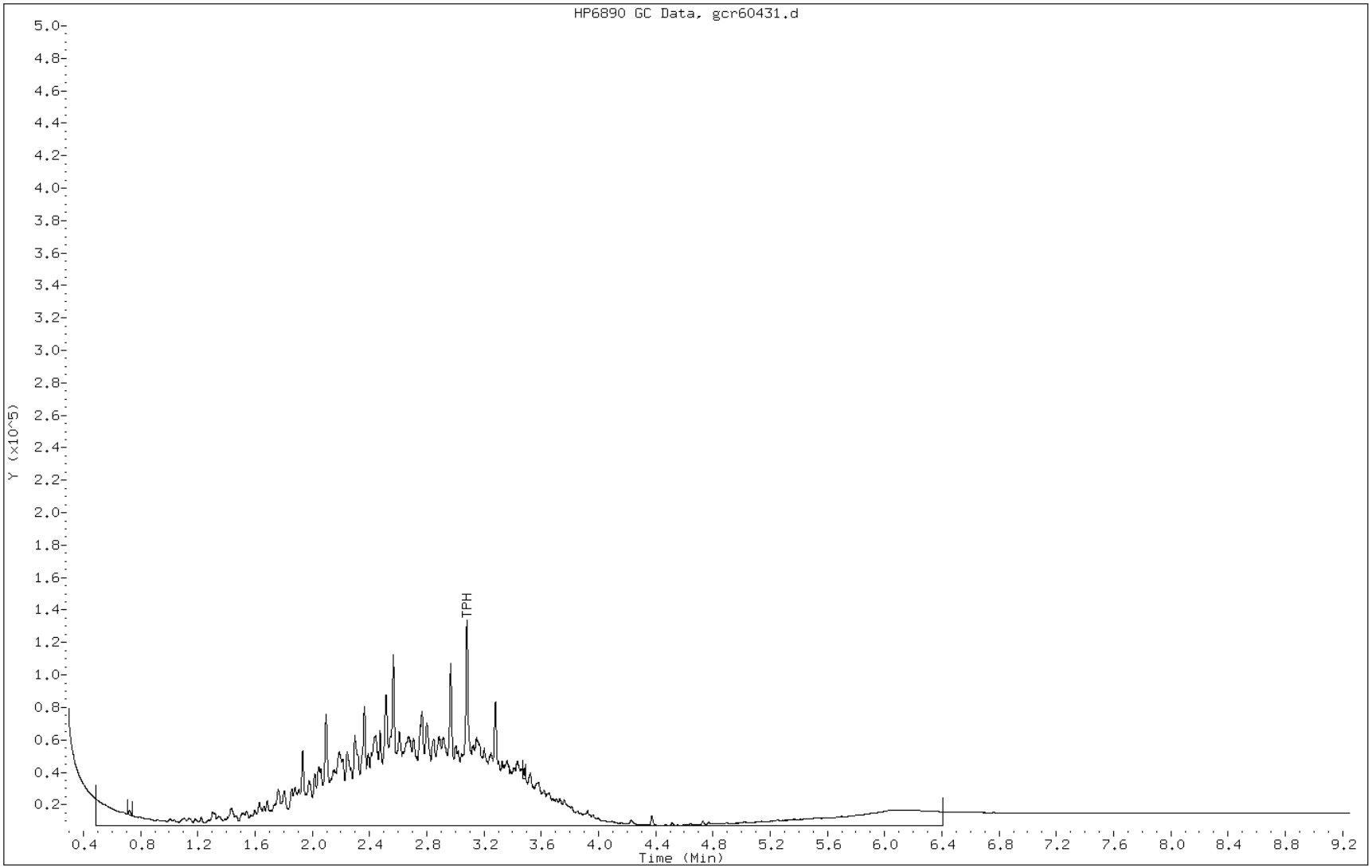
M - Compound response manually integrated.

Data File: gcr60431.d

Date: 06-APR-2011 12:05

Client ID: PMP-18-SI-E (10.5-1 Instrument: BNAGC1.i

Sample Info: 460-24277-F-31-C Operator: BNAGC1



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68891

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2011 18:32 Calibration End Date: 03/29/2011 19:23 Calibration ID: 10307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68891/8	gcr59698.d
Level 2	IC 460-68891/7	gcr59697.d
Level 3	IC 460-68891/6	gcr59696.d
Level 4	IC 460-68891/5	gcr59695.d
Level 5	IC 460-68891/4	gcr59694.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Total Petroleum Hydrocarbons (C8-C40)	0.578	3.285	2.891	3.286	3.286						0.000 - 33.447	2.665
Chlorobenzene	0.745	0.743	0.744	0.744	0.744						0.645 - 0.845	0.744
o-Terphenyl	3.511	3.509	3.509	3.509	3.509						3.411 - 3.611	3.509

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68891

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2011 18:32 Calibration End Date: 03/29/2011 19:23 Calibration ID: 10307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68891/8	gcr59698.d
Level 2	IC 460-68891/7	gcr59697.d
Level 3	IC 460-68891/6	gcr59696.d
Level 4	IC 460-68891/5	gcr59695.d
Level 5	IC 460-68891/4	gcr59694.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Total Petroleum Hydrocarbons (C8-C40)	77049 55966	56984	51352	55830	Ave		59435.9893				17.0		20.0			
Chlorobenzene	33952 38742	34210	34509	37442	Ave		35770.8320				6.1		20.0			
o-Terphenyl	58504 64334	57358	59017	64441	Ave		60730.7840				5.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24277-1 Analy Batch No.: 68891

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2011 18:32 Calibration End Date: 03/29/2011 19:23 Calibration ID: 10307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68891/8	gcr59698.d
Level 2	IC 460-68891/7	gcr59697.d
Level 3	IC 460-68891/6	gcr59696.d
Level 4	IC 460-68891/5	gcr59695.d
Level 5	IC 460-68891/4	gcr59694.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Total Petroleum Hydrocarbons (C8-C40)	Ave	6342662	23454461	42272898	114897894	230354672	82.3	412	823	2058	4116
Chlorobenzene	Ave	8488	42762	86272	234014	484269	0.250	1.25	2.50	6.25	12.5
o-Terphenyl	Ave	14626	71698	147542	402755	804174	0.250	1.25	2.50	6.25	12.5

Curve Type Legend:
Ave = Average

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69393/67 Calibration Date: 04/02/2011 04:16

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60033.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	57112		1980	2060	-3.9	15.0
Chlorobenzene	Ave	35771	38903		6.80	6.25	8.8	15.0
o-Terphenyl	Ave	60731	65233		6.71	6.25	7.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69393/67 Calibration Date: 04/02/2011 04:16

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60033.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.63	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69393/86 Calibration Date: 04/02/2011 07:02

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60045.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	57022		1970	2060	-4.1	15.0
Chlorobenzene	Ave	35771	39618		6.92	6.25	10.8	15.0
o-Terphenyl	Ave	60731	66663		6.86	6.25	9.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69393/86 Calibration Date: 04/02/2011 07:02

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60045.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.63	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69393/100 Calibration Date: 04/02/2011 10:25

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60059.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	58104		2010	2060	-2.2	15.0
Chlorobenzene	Ave	35771	40011		6.99	6.25	11.9	15.0
o-Terphenyl	Ave	60731	66838		6.88	6.25	10.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69393/100 Calibration Date: 04/02/2011 10:25

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60059.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.27	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69393/112 Calibration Date: 04/02/2011 13:13

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60071.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	58426		2020	2060	-1.7	15.0
Chlorobenzene	Ave	35771	40658		7.10	6.25	13.7	15.0
o-Terphenyl	Ave	60731	68867		7.09	6.25	13.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69393/112 Calibration Date: 04/02/2011 13:13

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60071.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.28	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69393/125 Calibration Date: 04/02/2011 16:26

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60084.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	59234		2050	2060	-0.3	15.0
Chlorobenzene	Ave	35771	40642		7.10	6.25	13.6	15.0
o-Terphenyl	Ave	60731	68660		7.07	6.25	13.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69393/125 Calibration Date: 04/02/2011 16:26

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60084.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.27	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69502/7 Calibration Date: 04/05/2011 08:59

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60324.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	51558		1790	2060	-13.3	15.0
Chlorobenzene	Ave	35771	33753		5.90	6.25	-5.6	15.0
o-Terphenyl	Ave	60731	57331		5.90	6.25	-5.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69502/7 Calibration Date: 04/05/2011 08:59

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60324.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.27	0.00	33.27
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69502/21 Calibration Date: 04/05/2011 12:25

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60338.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	51208		1770	2060	-13.8	15.0
Chlorobenzene	Ave	35771	33928		5.93	6.25	-5.2	15.0
o-Terphenyl	Ave	60731	57177		5.88	6.25	-5.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69502/21 Calibration Date: 04/05/2011 12:25

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60338.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.87	0.00	32.87
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69502/33 Calibration Date: 04/05/2011 15:21

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60350.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	51732		1790	2060	-13.0	15.0
Chlorobenzene	Ave	35771	33855		5.92	6.25	-5.4	15.0
o-Terphenyl	Ave	60731	58677		6.04	6.25	-3.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69502/33 Calibration Date: 04/05/2011 15:21

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60350.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.62	0.00	32.87
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69502/45 Calibration Date: 04/05/2011 18:19

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60362.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	50653		1750	2060	-14.8	15.0
Chlorobenzene	Ave	35771	34035		5.95	6.25	-4.9	15.0
o-Terphenyl	Ave	60731	57496		5.92	6.25	-5.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69502/45 Calibration Date: 04/05/2011 18:19

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60362.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.26	0.00	32.87
Chlorobenzene	0.73	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69502/86 Calibration Date: 04/06/2011 05:06

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60403.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	52056		1800	2060	-12.4	15.0
Chlorobenzene	Ave	35771	33696		5.89	6.25	-5.8	15.0
o-Terphenyl	Ave	60731	57755		5.94	6.25	-4.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69502/86 Calibration Date: 04/06/2011 05:06

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60403.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.26	0.00	32.87
Chlorobenzene	0.73	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69502/97 Calibration Date: 04/06/2011 07:50

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60414.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	52273		1810	2060	-12.1	15.0
Chlorobenzene	Ave	35771	35023		6.12	6.25	-2.1	15.0
o-Terphenyl	Ave	60731	58680		6.04	6.25	-3.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69502/97 Calibration Date: 04/06/2011 07:50

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60414.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.87	0.00	32.87
Chlorobenzene	0.73	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69780/2 Calibration Date: 04/06/2011 10:43

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60426.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	60370		2090	2060	1.6	15.0
Chlorobenzene	Ave	35771	34745		6.07	6.25	-2.9	15.0
o-Terphenyl	Ave	60731	58639		6.03	6.25	-3.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69780/2 Calibration Date: 04/06/2011 10:43

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60426.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.87	0.00	32.87
Chlorobenzene	0.72	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69780/16 Calibration Date: 04/06/2011 14:17

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60440.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	51128		1770	2060	-14.0	15.0
Chlorobenzene	Ave	35771	34648		6.05	6.25	-3.1	15.0
o-Terphenyl	Ave	60731	58379		6.01	6.25	-3.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69780/16 Calibration Date: 04/06/2011 14:17

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60440.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.26	0.00	32.87
Chlorobenzene	0.72	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69832/7 Calibration Date: 04/07/2011 11:18

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60528.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	53766		1860	2060	-9.5	15.0
Chlorobenzene	Ave	35771	36399		6.36	6.25	1.8	15.0
o-Terphenyl	Ave	60731	61298		6.31	6.25	0.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69832/7 Calibration Date: 04/07/2011 11:18

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60528.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.26	0.00	33.26
Chlorobenzene	0.72	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69832/19 Calibration Date: 04/07/2011 14:07

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60540.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	51750		1790	2060	-12.9	15.0
Chlorobenzene	Ave	35771	35828		6.26	6.25	0.2	15.0
o-Terphenyl	Ave	60731	60757		6.25	6.25	0.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69832/19 Calibration Date: 04/07/2011 14:07

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60540.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.26	0.00	33.26
Chlorobenzene	0.72	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69832/21 Calibration Date: 04/07/2011 14:36

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60542.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	53361		1850	2060	-10.2	15.0
Chlorobenzene	Ave	35771	35729		6.24	6.25	-0.1	15.0
o-Terphenyl	Ave	60731	60297		6.21	6.25	-0.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69832/21 Calibration Date: 04/07/2011 14:36

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60542.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.26	0.00	33.26
Chlorobenzene	0.72	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69832/28 Calibration Date: 04/07/2011 16:20

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60549.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	59436	52408		1810	2060	-11.8	15.0
Chlorobenzene	Ave	35771	34868		6.09	6.25	-2.5	15.0
o-Terphenyl	Ave	60731	59523		6.13	6.25	-2.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Lab Sample ID: CCV 460-69832/28 Calibration Date: 04/07/2011 16:20

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60549.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.42	0.00	32.42
Chlorobenzene	0.72	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68964/1-A

Matrix: Solid Lab File ID: gcr60043.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 06:34

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	73		48-112
108-90-7	Chlorobenzene	68		32-106

Data File: gcr60043.d
Report Date: 03-Apr-2011 11:24

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60043.d
Lab Smp Id: MB 460-68964/1-A
Inj Date : 02-APR-2011 06:34
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : MB 460-68964/1-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 10:29 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 55 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.498	3.496	0.002	891802	14.6845	0.98(M)
$ 2 Chlorobenzene (sur)	0.733	0.734	-0.001	482923	13.5005	0.90(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

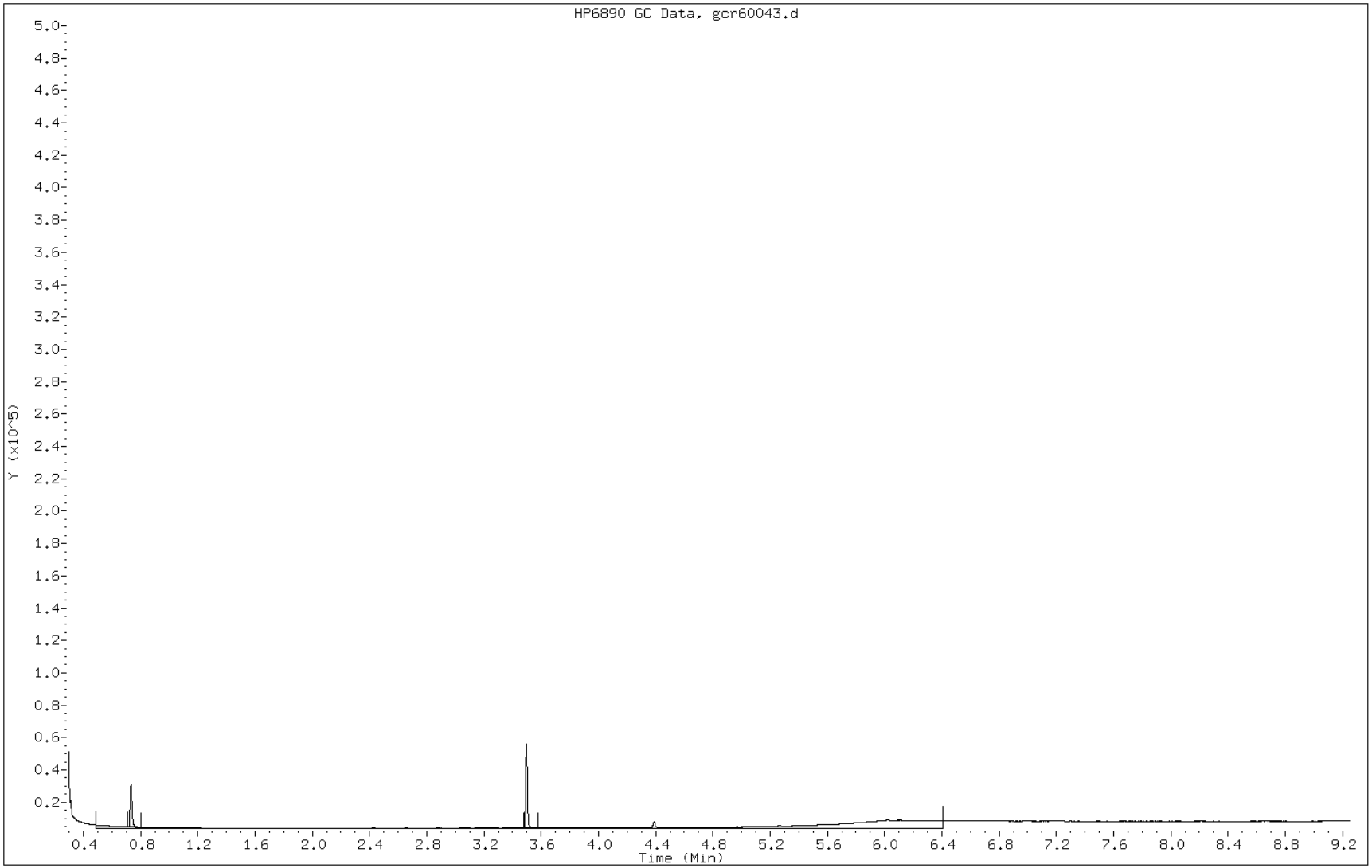
M - Compound response manually integrated.

Data File: gcr60043.d

Date: 02-APR-2011 06:34

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-68964/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60043.d
Inj. Date and Time: 02-APR-2011 06:34
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

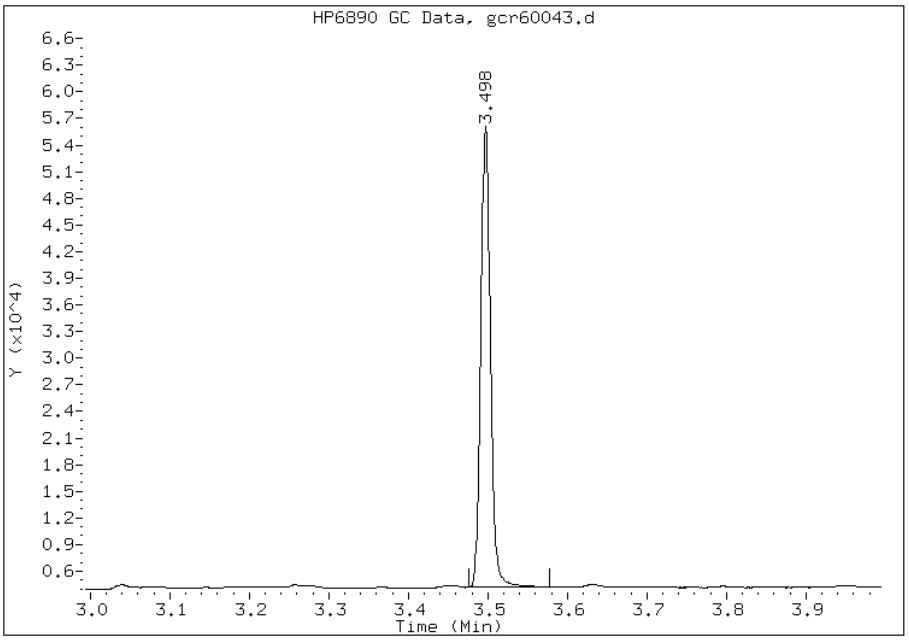
Manual Integration Results

RT: 3.50

Response: 891802

Amount: 14.68

Conc: 0.98



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60043.d
Inj. Date and Time: 02-APR-2011 06:34
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

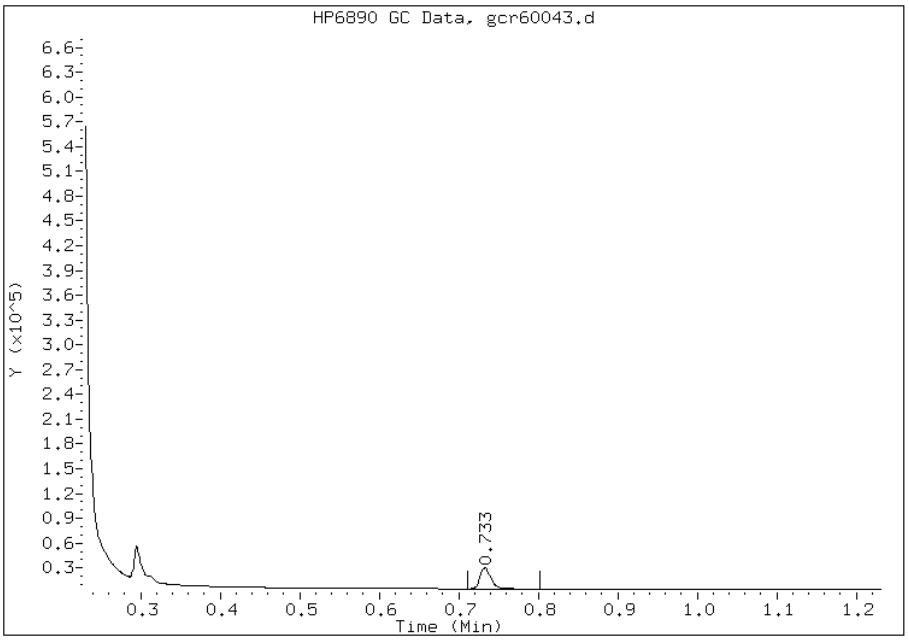
Manual Integration Results

RT: 0.73

Response: 482923

Amount: 13.50

Conc: 0.90



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-69044/1-A

Matrix: Solid Lab File ID: gcr60529.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.00(g) Date Analyzed: 04/07/2011 11:33

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69832 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	116	X	48-112
108-90-7	Chlorobenzene	99		32-106

Data File: gcr60529.d
Report Date: 07-Apr-2011 13:53

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/gcr60529.d
Lab Smp Id: MB 460-69044/1-A
Inj Date : 07-APR-2011 11:33
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : MB 460-69044/1-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/QAM2009r.m
Meth Date : 07-Apr-2011 13:53 patelhe Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.480	3.480	0.000	1414729	23.2951	1.6(RM)
$ 2 Chlorobenzene (sur)	0.719	0.721	-0.002	705566	19.7246	1.3(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

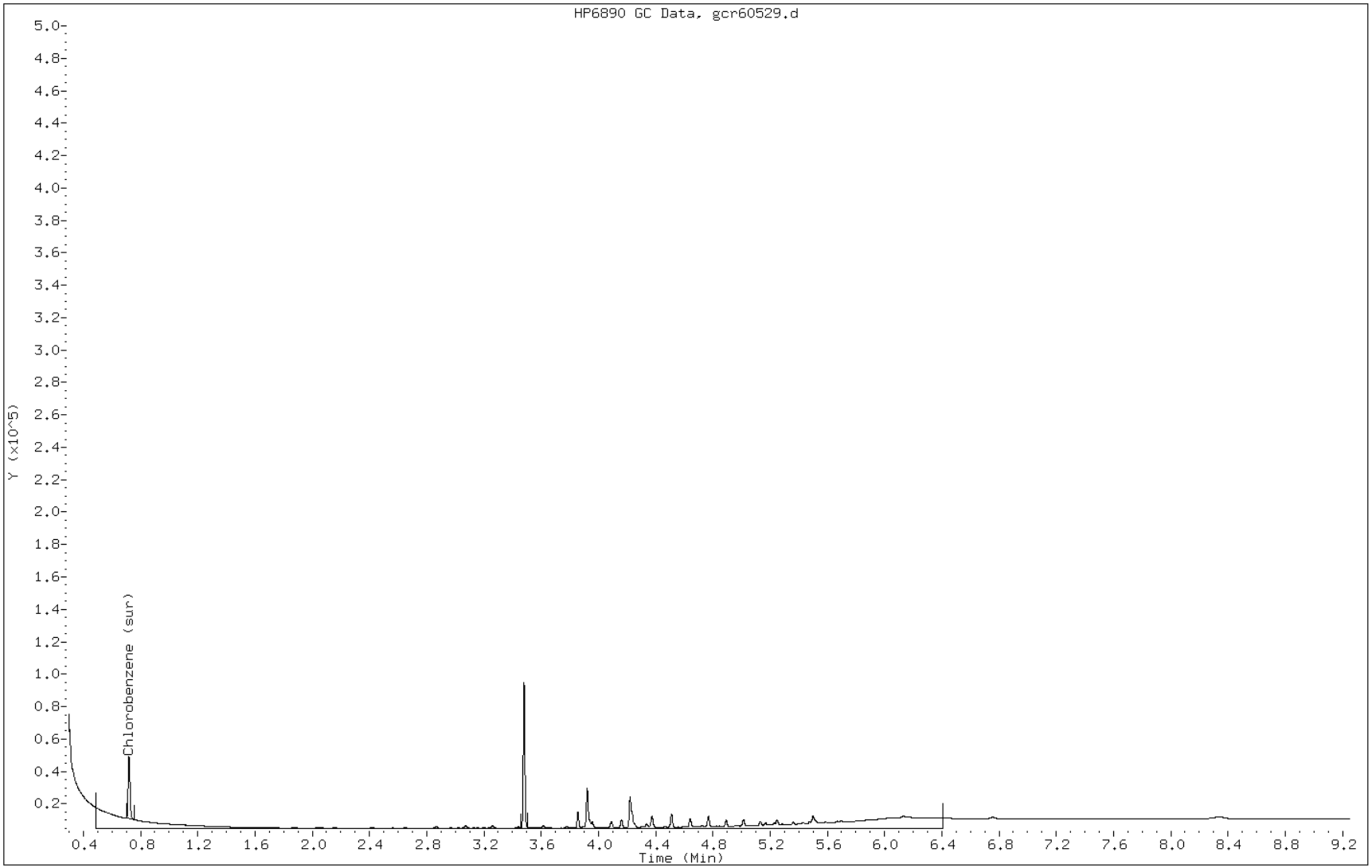
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gcr60529.d

Date: 07-APR-2011 11:33

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-69044/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60529.d
Inj. Date and Time: 07-APR-2011 11:33
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

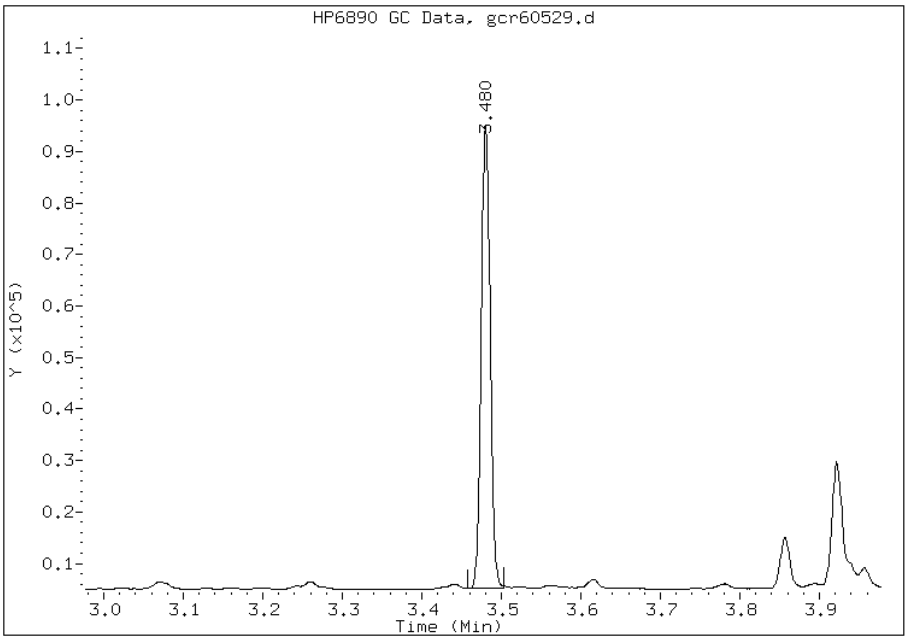
Manual Integration Results

RT: 3.48

Response: 1414729

Amount: 23.30

Conc: 1.55



Manually Integrated By: patelhe
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60529.d
Inj. Date and Time: 07-APR-2011 11:33
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

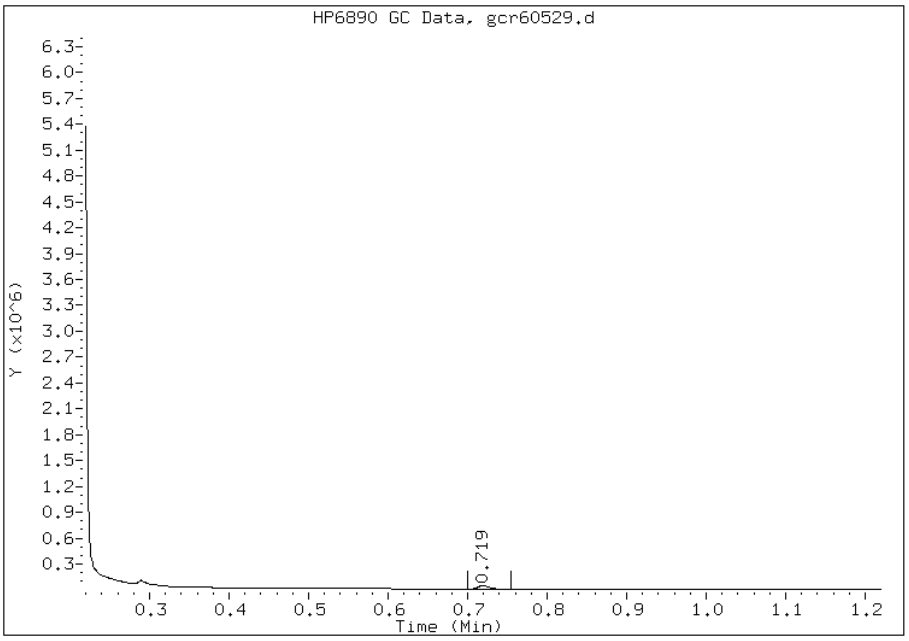
Manual Integration Results

RT: 0.72

Response: 705566

Amount: 19.72

Conc: 1.31



Manually Integrated By: patelhe
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24277-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68964/2-A

Matrix: Solid | Lab File ID: gcr60046.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3546 | Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 07:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	72.1		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	77		48-112
108-90-7	Chlorobenzene	58		32-106

Data File: gcr60046.d
Report Date: 04-Apr-2011 10:02

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60046.d
Lab Smp Id: LCS 460-68964/2-A
Inj Date : 02-APR-2011 07:24
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-68964/2-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 04-Apr-2011 09:57 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 56 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.495	3.496	-0.001	932570	15.3558	1.0(M)
$ 2 Chlorobenzene (sur)	0.733	0.731	0.002	412735	11.5383	0.77(M)
3 TPH	3.084	3.274	-0.190	64320965	1082.19	72.1(M)

QC Flag Legend

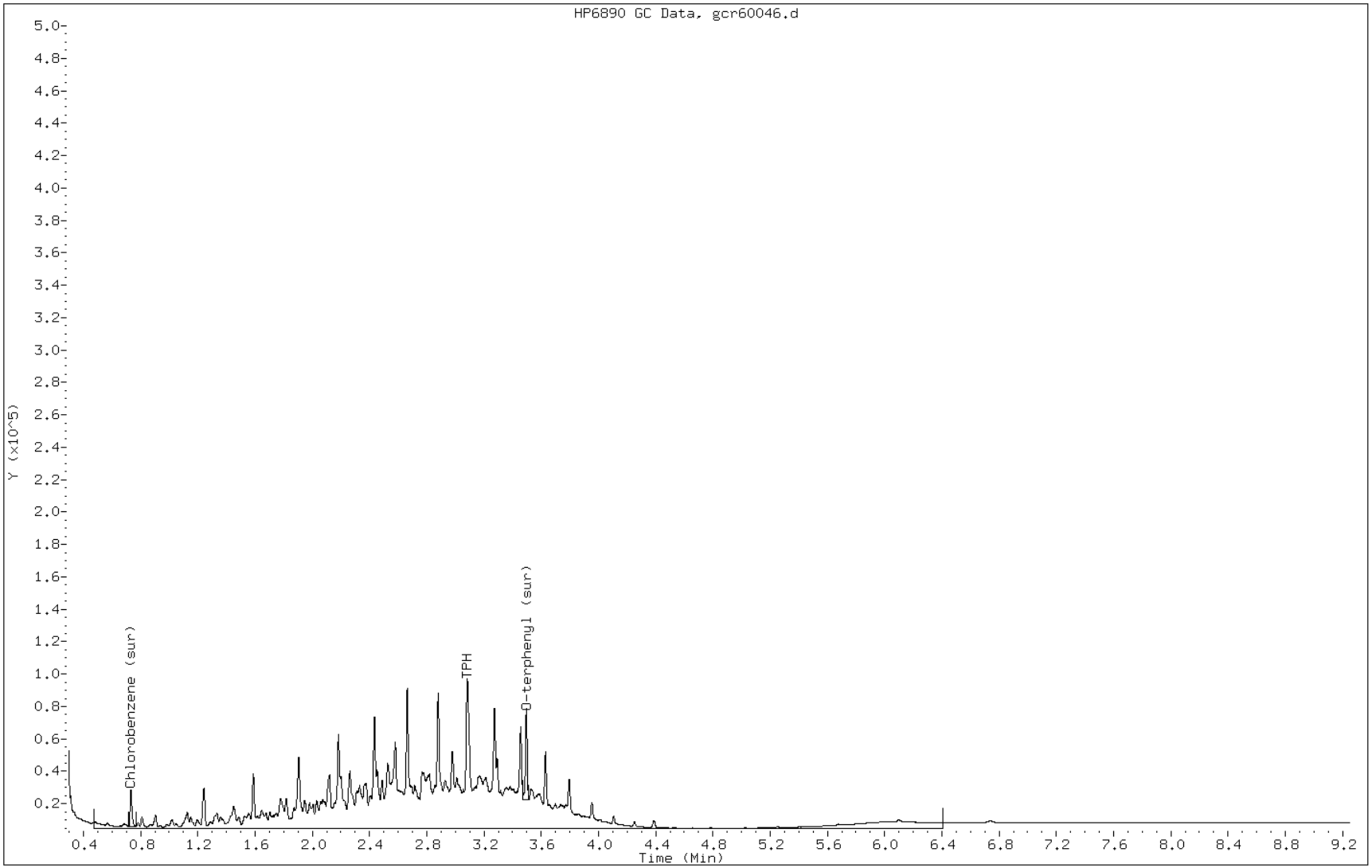
M - Compound response manually integrated.

Data File: gcr60046.d

Date: 02-APR-2011 07:24

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-68964/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60046.d
Inj. Date and Time: 02-APR-2011 07:24
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

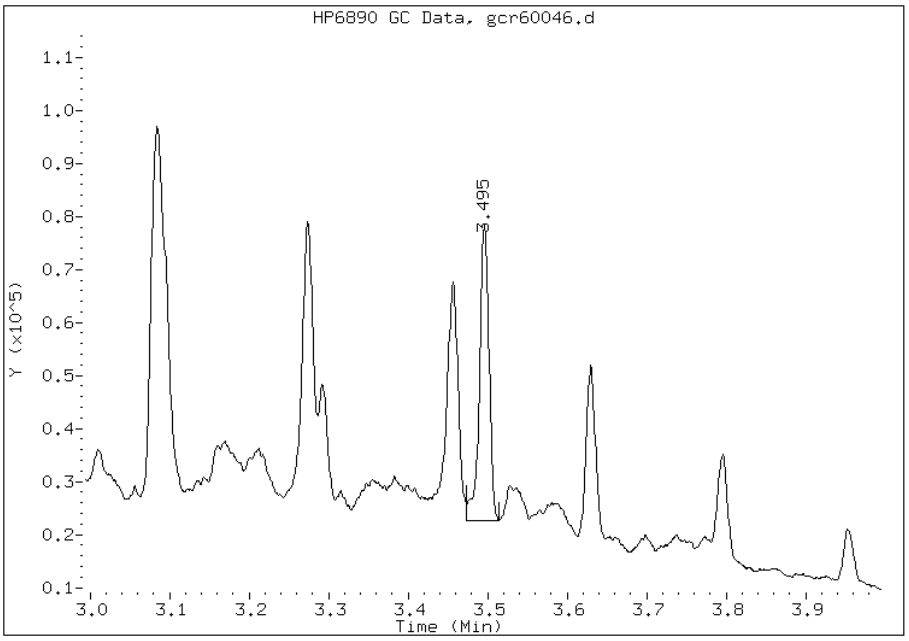
Manual Integration Results

RT: 3.50

Response: 932570

Amount: 15.36

Conc: 1.02



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60046.d
Inj. Date and Time: 02-APR-2011 07:24
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

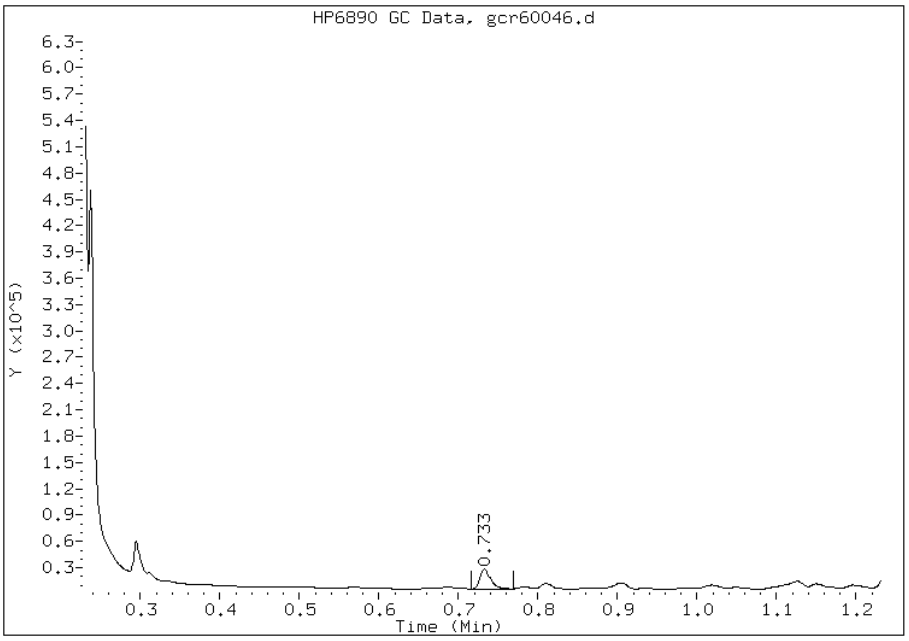
Manual Integration Results

RT: 0.73

Response: 412735

Amount: 11.54

Conc: 0.77



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68964/2-A

Matrix: Solid Lab File ID: gcr60325.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/05/2011 09:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	91.3		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	84		48-112
108-90-7	Chlorobenzene	60		32-106

Data File: gcr60325.d
Report Date: 05-Apr-2011 11:14

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60325.d
Lab Smp Id: LCS 460-68964/2-A
Inj Date : 05-APR-2011 09:14
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-68964/2-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 09:08 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 8 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.484	3.486	-0.002	1014273	16.7011	1.1(M)
$ 2 Chlorobenzene (sur)	0.724	0.727	-0.003	427170	11.9419	0.80(M)
3 TPH	3.072	3.265	-0.193	81353688	1368.76	91.2(M)

QC Flag Legend

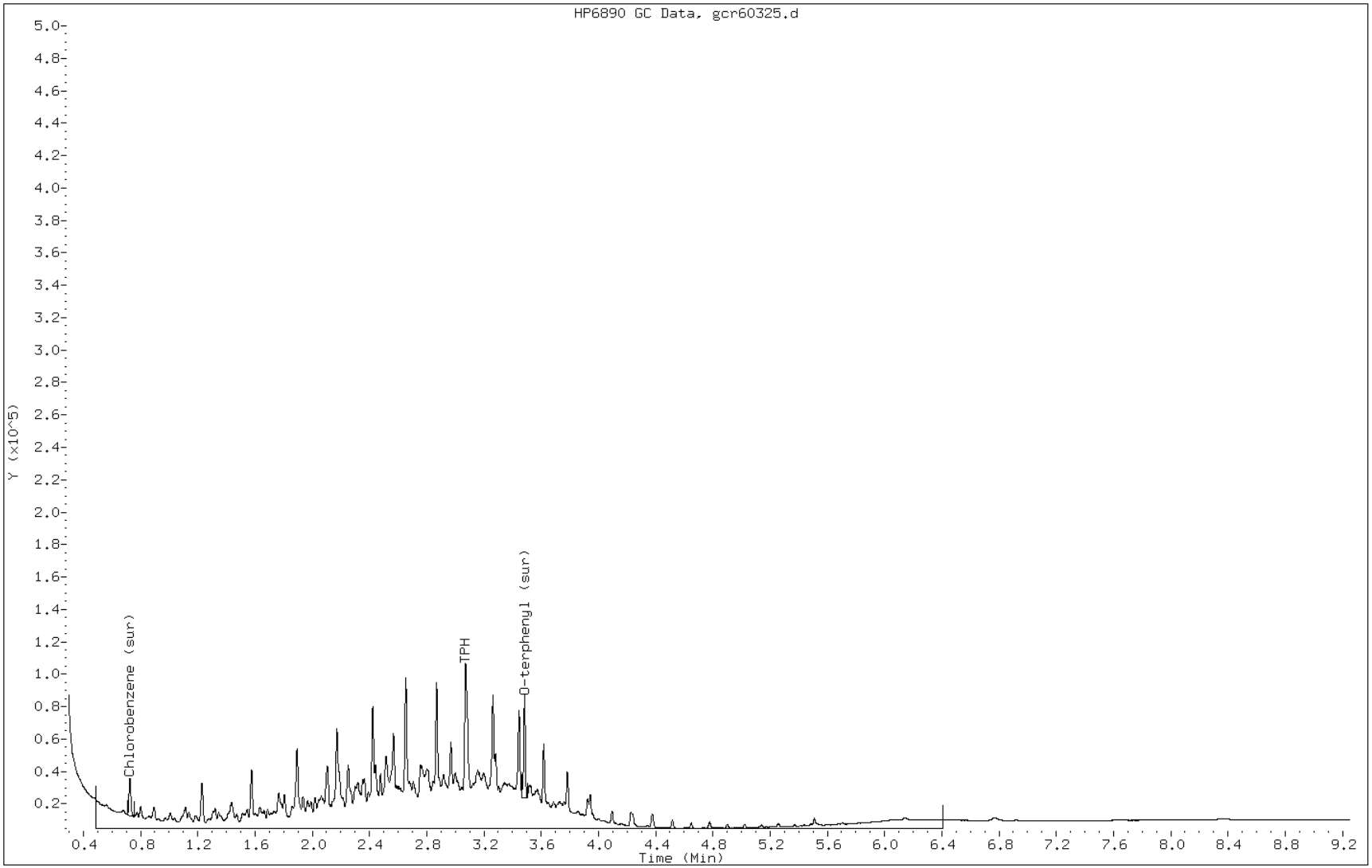
M - Compound response manually integrated.

Data File: gcr60325.d

Date: 05-APR-2011 09:14

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-68964/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60325.d
Inj. Date and Time: 05-APR-2011 09:14
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 3.49

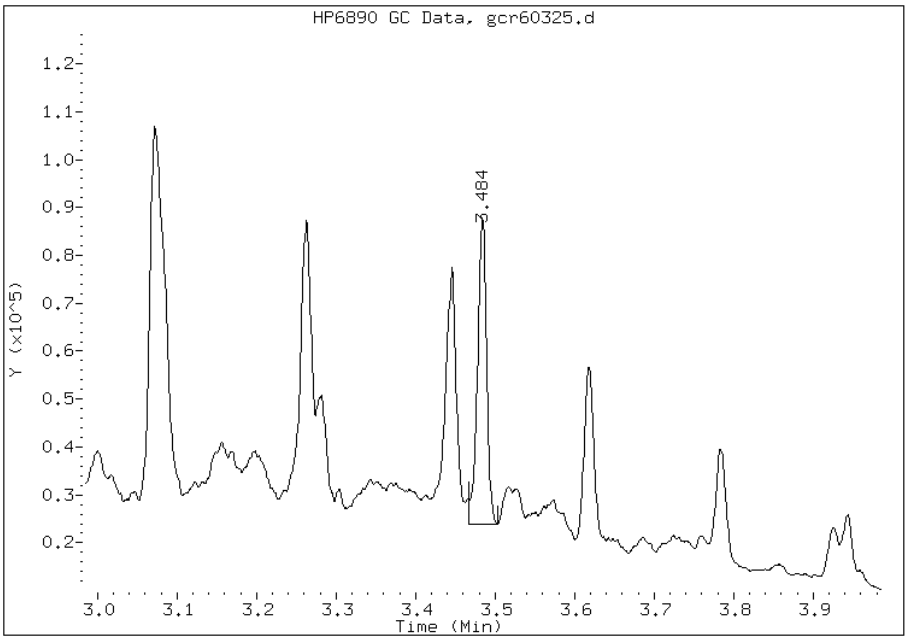
Manual Integration Results

RT: 3.48

Response: 1014273

Amount: 16.70

Conc: 1.11



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60325.d
Inj. Date and Time: 05-APR-2011 09:14
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

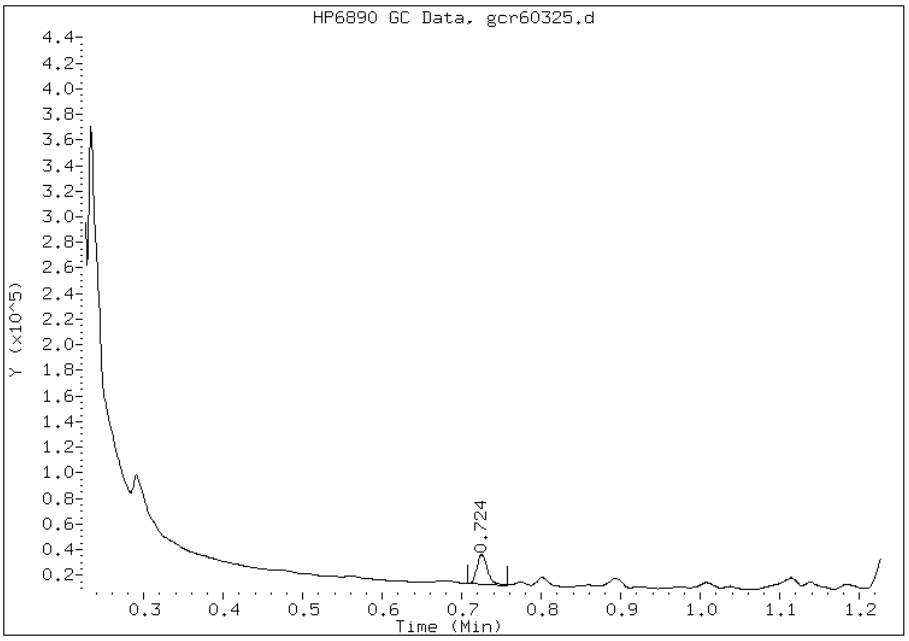
Manual Integration Results

RT: 0.72

Response: 427170

Amount: 11.94

Conc: 0.80



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-69044/2-A

Matrix: Solid Lab File ID: gcr60151.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.00(g) Date Analyzed: 04/03/2011 08:35

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	116		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	117	X	48-112
108-90-7	Chlorobenzene	101		32-106

Data File: gcr60151.d
Report Date: 04-Apr-2011 14:26

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60151.d
Lab Smp Id: LCS 460-69044/2-A
Inj Date : 03-APR-2011 08:35
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-69044/2-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 04-Apr-2011 14:25 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 40 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: Amt * DF * Uf*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 1 O-terphenyl (sur)	3.495	3.495	0.000	1419771	23.3781	1.6(RM)
$ 2 Chlorobenzene (sur)	0.730	0.732	-0.002	723683	20.2311	1.3(M)
3 TPH	2.663	3.272	-0.609	103193678	1736.22	116(M)

QC Flag Legend

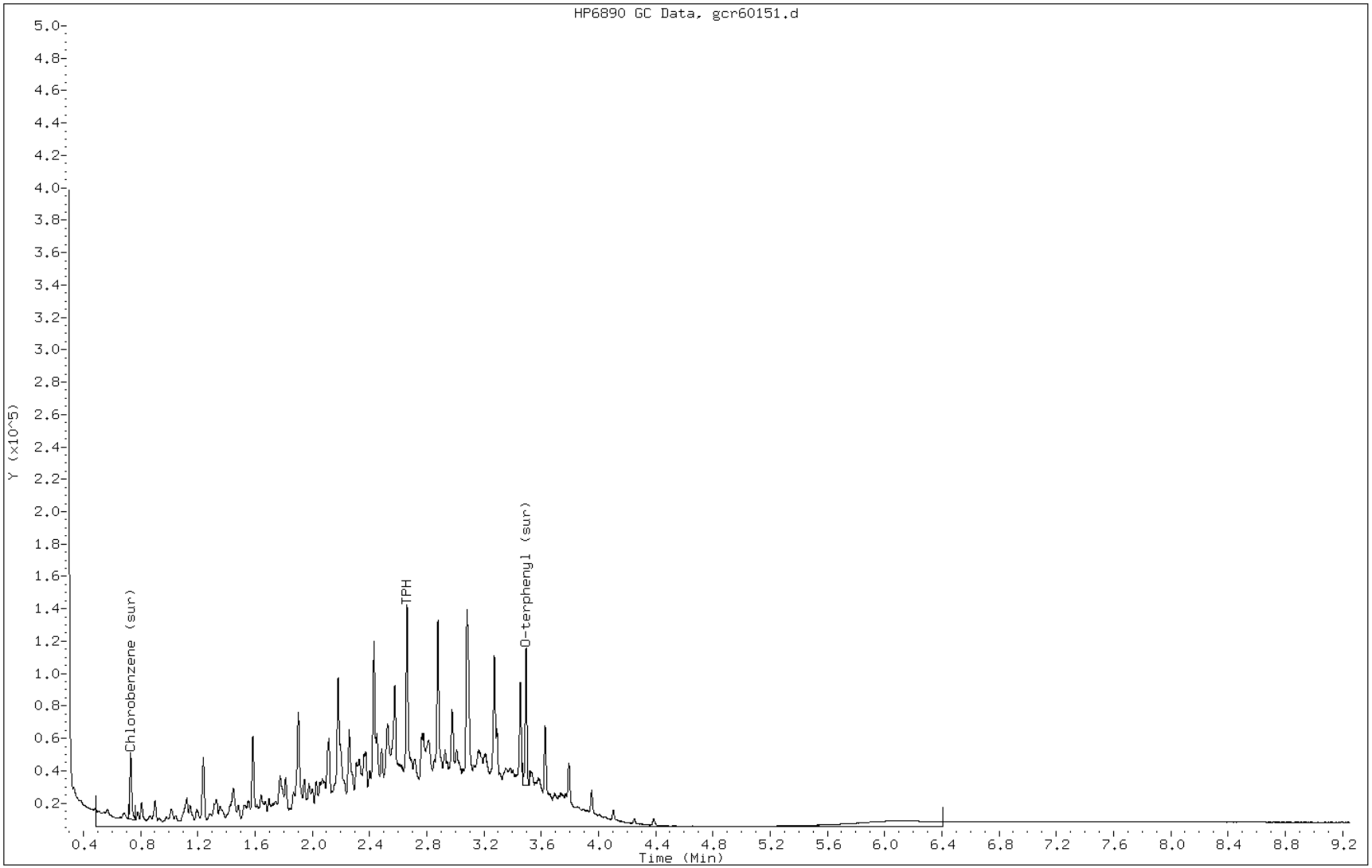
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gcr60151.d

Date: 03-APR-2011 08:35

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-69044/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60151.d
Inj. Date and Time: 03-APR-2011 08:35
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

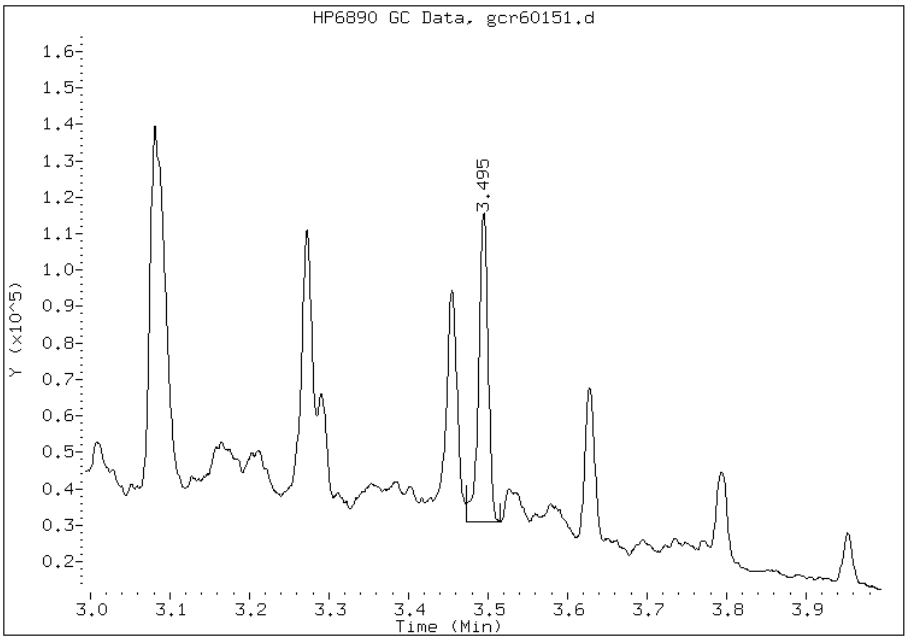
Manual Integration Results

RT: 3.50

Response: 1419771

Amount: 23.38

Conc: 1.56



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60151.d
Inj. Date and Time: 03-APR-2011 08:35
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

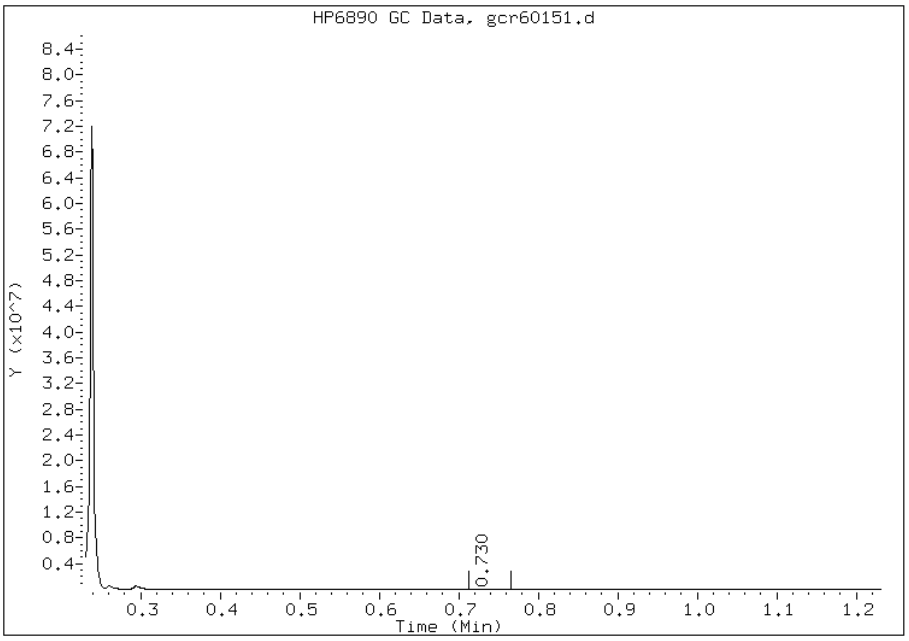
Manual Integration Results

RT: 0.73

Response: 723683

Amount: 20.23

Conc: 1.35



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) MS Lab Sample ID: 460-24277-1 MS

Matrix: Solid Lab File ID: gcr60073.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 13:55

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 13:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	76.7		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	97		48-112
108-90-7	Chlorobenzene	78		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) MS Lab Sample ID: 460-24277-15 MS

Matrix: Solid Lab File ID: gcr60437.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 09:20

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.03(g) Date Analyzed: 04/06/2011 13:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69780 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	142		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	145	X	48-112
108-90-7	Chlorobenzene	120	X	32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-9-VD-E (3.5-4.0) MSD Lab Sample ID: 460-24277-1 MSD

Matrix: Solid Lab File ID: gcr60074.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 13:55

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.02(g) Date Analyzed: 04/02/2011 14:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	77.7		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		48-112
108-90-7	Chlorobenzene	78		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Client Sample ID: PMP-16-VD-E (3.5-4.0) MSD Lab Sample ID: 460-24277-15 MSD

Matrix: Solid Lab File ID: gcr60438.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/18/2011 09:20

Extraction Method: 3546 Date Extracted: 03/31/2011 10:21

Sample wt/vol: 15.00(g) Date Analyzed: 04/06/2011 13:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69780 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	120		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	122	X	48-112
108-90-7	Chlorobenzene	99		32-106

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 03/29/2011 17:39

Analysis Batch Number: 68891 End Date: 03/29/2011 19:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-68891/1		03/29/2011 17:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/29/2011 17:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/29/2011 18:17	1		Rtx-5MS 0.25(mm)
IC 460-68891/4		03/29/2011 18:32	1	gcr59694.d	Rtx-5MS 0.25(mm)
IC 460-68891/5		03/29/2011 18:45	1	gcr59695.d	Rtx-5MS 0.25(mm)
IC 460-68891/6		03/29/2011 19:00	1	gcr59696.d	Rtx-5MS 0.25(mm)
IC 460-68891/7		03/29/2011 19:14	1	gcr59697.d	Rtx-5MS 0.25(mm)
IC 460-68891/8		03/29/2011 19:23	1	gcr59698.d	Rtx-5MS 0.25(mm)
ICV 460-68891/9		03/29/2011 19:37	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-69393/1		04/01/2011 10:37	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/2		04/01/2011 10:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 11:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 11:32	1		Rtx-5MS 0.25(mm)
CCV 460-69393/5		04/01/2011 11:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:01	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:14	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:29	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:44	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:55	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 13:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 13:18	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/13		04/01/2011 13:33	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/14		04/01/2011 13:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 13:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 14:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 14:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 14:53	1		Rtx-5MS 0.25(mm)
CCV 460-69393/19		04/01/2011 15:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 15:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 15:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 15:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 16:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 16:16	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/25		04/01/2011 16:31	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/26		04/01/2011 16:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 16:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 17:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 17:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 17:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 17:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 18:06	1		Rtx-5MS 0.25(mm)
CCV 460-69393/33		04/01/2011 18:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 18:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 18:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 19:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 19:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 19:37	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/39		04/01/2011 19:52	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/40		04/01/2011 20:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 20:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 20:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 20:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 21:03	1		Rtx-5MS 0.25(mm)
CCV 460-69393/45		04/01/2011 21:14	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-69393/51		04/01/2011 21:29	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/52		04/01/2011 21:43	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/53		04/01/2011 21:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 22:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 22:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 22:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 00:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 00:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 00:40	1		Rtx-5MS 0.25(mm)
CCV 460-69393/46		04/02/2011 00:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 02:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 02:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 02:41	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/62		04/02/2011 03:08	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/63		04/02/2011 03:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 03:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 03:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 04:01	1		Rtx-5MS 0.25(mm)
CCV 460-69393/67		04/02/2011 04:16	1	gcr60033.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 04:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 04:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 04:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 05:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 05:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 05:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 05:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 06:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 06:19	1		Rtx-5MS 0.25(mm)
MB 460-68964/1-A		04/02/2011 06:34	1	gcr60043.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 06:47	1		Rtx-5MS 0.25(mm)
CCV 460-69393/86		04/02/2011 07:02	1	gcr60045.d	Rtx-5MS 0.25(mm)
LCS 460-68964/2-A		04/02/2011 07:24	1	gcr60046.d	Rtx-5MS 0.25(mm)
460-24277-1	PMP-9-VD-E (3.5-4.0)	04/02/2011 07:37	1	gcr60047.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 07:52	1		Rtx-5MS 0.25(mm)
460-24277-3	PMP-9-SIE (10.5-11)	04/02/2011 08:07	1	gcr60049.d	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/02/2011 08:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 08:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 08:42	1		Rtx-5MS 0.25(mm)
460-24277-7	PMP-10-VD-E (3.5-4.0)	04/02/2011 09:04	1	gcr60053.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 09:19	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/96		04/02/2011 09:28	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/97		04/02/2011 09:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 09:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 10:10	1		Rtx-5MS 0.25(mm)
CCV 460-69393/100		04/02/2011 10:25	1	gcr60059.d	Rtx-5MS 0.25(mm)
460-24277-10	PMP-10-ST2-E (23.5-24)	04/02/2011 10:37	1	gcr60060.d	Rtx-5MS 0.25(mm)
460-24277-11	PMP-13-VD-E (3.5-4)	04/02/2011 10:52	1	gcr60061.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 11:07	1		Rtx-5MS 0.25(mm)
460-24277-13	PMP-13-SI-E (15.5-16)	04/02/2011 11:22	1	gcr60063.d	Rtx-5MS 0.25(mm)
460-24277-14	PMP-13-SD-E (23.5-24)	04/02/2011 11:34	1	gcr60064.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 11:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 12:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 12:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 12:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 12:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 13:02	1		Rtx-5MS 0.25(mm)
CCV 460-69393/112		04/02/2011 13:13	1	gcr60071.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 13:28	1		Rtx-5MS 0.25(mm)
460-24277-1 MS	PMP-9-VD-E (3.5-4.0) MS	04/02/2011 13:51	1	gcr60073.d	Rtx-5MS 0.25(mm)
460-24277-1 MSD	PMP-9-VD-E (3.5-4.0) MSD	04/02/2011 14:06	1	gcr60074.d	Rtx-5MS 0.25(mm)
RINSE 460-69393/116		04/02/2011 14:18	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/117		04/02/2011 14:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 14:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 14:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 15:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 15:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 15:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 15:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 16:18	1		Rtx-5MS 0.25(mm)
CCV 460-69393/125		04/02/2011 16:26	1	gcr60084.d	Rtx-5MS 0.25(mm)
RINSE 460-69393/126		04/02/2011 16:44	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/127		04/02/2011 16:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 17:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 17:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 17:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 17:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 18:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 18:16	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/02/2011 18:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 18:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 19:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 19:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 19:30	1		Rtx-5MS 0.25(mm)
CCV 460-69393/139		04/02/2011 19:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 20:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 20:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 20:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 20:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 21:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 21:20	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/146		04/02/2011 21:31	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/147		04/02/2011 21:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:58	1		Rtx-5MS 0.25(mm)
CCV 460-69393/153		04/02/2011 23:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 23:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 23:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 23:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:02	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/162		04/03/2011 01:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:25	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/163		04/03/2011 01:29	1		Rtx-5MS 0.25(mm)
CCV 460-69393/167		04/03/2011 01:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 03:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 03:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 03:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 03:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 04:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 04:08	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/175		04/03/2011 04:23	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/176		04/03/2011 04:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 05:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 05:18	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/03/2011 05:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 05:46	1		Rtx-5MS 0.25(mm)
CCV 460-69393/181		04/03/2011 05:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 06:12	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/183		04/03/2011 06:22	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/184		04/03/2011 06:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 06:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 07:03	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/187		04/03/2011 07:17	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/188		04/03/2011 07:43	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/189		04/03/2011 07:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 08:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 08:25	1		Rtx-5MS 0.25(mm)
LCS 460-69044/2-A		04/03/2011 08:35	1	gcr60151.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 08:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 09:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 09:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 09:36	1		Rtx-5MS 0.25(mm)
CCV 460-69393/197		04/03/2011 09:50	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/05/2011 07:25

Analysis Batch Number: 69502 End Date: 04/06/2011 23:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-69502/1		04/05/2011 07:25	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/2		04/05/2011 07:40	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/3		04/05/2011 08:07	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/4		04/05/2011 08:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 08:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 08:46	1		Rtx-5MS 0.25(mm)
CCV 460-69502/7		04/05/2011 08:59	1	gcr60324.d	Rtx-5MS 0.25(mm)
LCS 460-68964/2-A		04/05/2011 09:14	1	gcr60325.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 09:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 09:41	1		Rtx-5MS 0.25(mm)
460-24277-2	PMP-9-WT-E (8-8.5)	04/05/2011 09:55	10	gcr60328.d	Rtx-5MS 0.25(mm)
460-24277-4	DUP-031711 (3.5-4)	04/05/2011 10:10	2	gcr60329.d	Rtx-5MS 0.25(mm)
460-24277-5	DUP-031711 (8-8.5)	04/05/2011 10:20	20	gcr60330.d	Rtx-5MS 0.25(mm)
460-24277-6	DUP-031711 (10.5-11)	04/05/2011 10:35	5	gcr60331.d	Rtx-5MS 0.25(mm)
460-24277-8	PMP-10-WT-E (7.5-8.0)	04/05/2011 10:49	50	gcr60332.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 11:14	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/17		04/05/2011 11:29	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/18		04/05/2011 11:43	1		Rtx-5MS 0.25(mm)
460-24277-9	PMP-10-ST1-E (15-15.5)	04/05/2011 11:53	5	gcr60336.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 12:08	1		Rtx-5MS 0.25(mm)
CCV 460-69502/21		04/05/2011 12:25	1	gcr60338.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 12:35	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 12:49	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 13:17	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 13:29	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 13:44	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 13:58	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 14:05	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 14:27	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 14:39	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 14:54	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 15:06	1		Rtx-5MS 0.25(mm)
CCV 460-69502/33		04/05/2011 15:21	1	gcr60350.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 15:36	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 15:45	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 16:02	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 16:16	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 16:41	5		Rtx-5MS 0.25(mm)
460-24277-16	PMP-16-WT-E (8.0-8.5)	04/05/2011 16:55	50	gcr60356.d	Rtx-5MS 0.25(mm)
460-24277-17	PMP-16-SI-E (10.5-11.0)	04/05/2011 17:10	5	gcr60357.d	Rtx-5MS 0.25(mm)
460-24277-19	PMP-15-WT-E (7.5-8)	04/05/2011 17:25	100	gcr60358.d	Rtx-5MS 0.25(mm)
460-24277-22	PMP-28-VD-E (3-5)	04/05/2011 17:35	50	gcr60359.d	Rtx-5MS 0.25(mm)
460-24277-23	PMP-28-WT-E (8-8.5)	04/05/2011 17:40	20	gcr60360.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 18:04	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/05/2011 07:25

Analysis Batch Number: 69502 End Date: 04/06/2011 23:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-69502/45		04/05/2011 18:19	1	gcr60362.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 18:31	25		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 18:46	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:00	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:10	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:28	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 20:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 20:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 20:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 21:03	1		Rtx-5MS 0.25(mm)
CCV 460-69502/57		04/05/2011 21:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 21:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 21:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 21:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 22:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 22:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 22:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 22:45	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/65		04/05/2011 23:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 00:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 00:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 00:32	1		Rtx-5MS 0.25(mm)
CCV 460-69502/72		04/06/2011 00:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 00:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 01:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 01:35	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/76		04/06/2011 01:49	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/77		04/06/2011 02:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 02:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 02:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 02:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 02:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 04:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 04:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 04:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 04:56	1		Rtx-5MS 0.25(mm)
CCV 460-69502/86		04/06/2011 05:06	1	gcr60403.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 05:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 05:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 05:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 06:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 06:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 06:41	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/05/2011 07:25

Analysis Batch Number: 69502 End Date: 04/06/2011 23:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/06/2011 06:55	1		Rtx-5MS 0.25(mm)
460-24277-12	PMP-13-WT-E (7.5-8.0)	04/06/2011 07:05	20	gcr60411.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 07:20	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 07:35	1		Rtx-5MS 0.25(mm)
CCV 460-69502/97		04/06/2011 07:50	1	gcr60414.d	Rtx-5MS 0.25(mm)
RINSE 460-69502/98		04/06/2011 08:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 08:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 08:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 08:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 09:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 09:24	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/104		04/06/2011 09:39	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/105		04/06/2011 09:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:43	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/66		04/06/2011 23:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 23:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 23:55	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/06/2011 10:36

Analysis Batch Number: 69780 End Date: 04/07/2011 23:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/06/2011 10:36	1		Rtx-5MS 0.25(mm)
CCV 460-69780/2		04/06/2011 10:43	1	gcr60426.d	Rtx-5MS 0.25(mm)
460-24277-24	PMP-28-SI1-E (11-13)	04/06/2011 10:58	25	gcr60427.d	Rtx-5MS 0.25(mm)
460-24277-27	PMP-17-WT-E (8-8.5)	04/06/2011 11:13	50	gcr60428.d	Rtx-5MS 0.25(mm)
460-24277-28	PMP-17-SI-E (10.5-11.0)	04/06/2011 11:35	5	gcr60429.d	Rtx-5MS 0.25(mm)
460-24277-30	PMP-18-WT-E (8-8.5)	04/06/2011 11:50	20	gcr60430.d	Rtx-5MS 0.25(mm)
460-24277-31	PMP-18-SI-E (10.5-11)	04/06/2011 12:05	10	gcr60431.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 12:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 12:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 12:39	1		Rtx-5MS 0.25(mm)
RINSE 460-69780/11		04/06/2011 12:54	1		Rtx-5MS 0.25(mm)
RINSE 460-69780/12		04/06/2011 13:07	1		Rtx-5MS 0.25(mm)
460-24277-15 MS	PMP-16-VD-E (3.5-4.0) MS	04/06/2011 13:22	1	gcr60437.d	Rtx-5MS 0.25(mm)
460-24277-15 MSD	PMP-16-VD-E (3.5-4.0) MSD	04/06/2011 13:49	1	gcr60438.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 14:02	1		Rtx-5MS 0.25(mm)
CCV 460-69780/16		04/06/2011 14:17	1	gcr60440.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 14:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 14:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 14:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 15:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 15:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 15:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 15:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 16:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 16:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 16:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 16:54	1		Rtx-5MS 0.25(mm)
CCV 460-69780/28		04/06/2011 17:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 17:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 17:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 17:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 18:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 18:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 18:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 18:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 19:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 19:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 19:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 19:41	1		Rtx-5MS 0.25(mm)
CCV 460-69780/40		04/06/2011 19:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 20:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 20:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 20:45	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/06/2011 10:36

Analysis Batch Number: 69780 End Date: 04/07/2011 23:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/06/2011 20:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 21:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 21:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 21:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 21:57	1		Rtx-5MS 0.25(mm)
RINSE 460-69780/49		04/06/2011 22:11	1		Rtx-5MS 0.25(mm)
RINSE 460-69780/50		04/06/2011 22:26	1		Rtx-5MS 0.25(mm)
RINSE 460-69780/51		04/06/2011 22:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 22:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 00:02	1		Rtx-5MS 0.25(mm)
CCV 460-69780/58		04/07/2011 00:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 23:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 23:21	1		Rtx-5MS 0.25(mm)
CCV 460-69780/55		04/07/2011 23:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 23:47	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/07/2011 09:53

Analysis Batch Number: 69832 End Date: 04/07/2011 19:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-69832/1		04/07/2011 09:53	1		Rtx-5MS 0.25(mm)
RINSE 460-69832/2		04/07/2011 10:07	1		Rtx-5MS 0.25(mm)
RINSE 460-69832/3		04/07/2011 10:18	1		Rtx-5MS 0.25(mm)
RINSE 460-69832/4		04/07/2011 10:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 10:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 11:03	1		Rtx-5MS 0.25(mm)
CCV 460-69832/7		04/07/2011 11:18	1	gcr60528.d	Rtx-5MS 0.25(mm)
MB 460-69044/1-A		04/07/2011 11:33	1	gcr60529.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 11:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 11:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 12:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 12:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 12:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 13:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 13:17	1		Rtx-5MS 0.25(mm)
460-24277-21	PMP-15-SD-E (23.5-24.0)	04/07/2011 13:29	1	gcr60537.d	Rtx-5MS 0.25(mm)
460-24277-25	PMP-28-SI2-E (15-17)	04/07/2011 13:43	1	gcr60538.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 13:58	1		Rtx-5MS 0.25(mm)
CCV 460-69832/19		04/07/2011 14:07	1	gcr60540.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 14:22	1		Rtx-5MS 0.25(mm)
CCV 460-69832/21		04/07/2011 14:36	1	gcr60542.d	Rtx-5MS 0.25(mm)
460-24277-15	PMP-16-VD-E (3.5-4.0)	04/07/2011 14:51	1	gcr60543.d	Rtx-5MS 0.25(mm)
460-24277-18	PMP-15VD-E (3.5-4)	04/07/2011 15:06	1	gcr60544.d	Rtx-5MS 0.25(mm)
460-24277-20	PMP-15-SI-E (15.5-16)	04/07/2011 15:18	1	gcr60545.d	Rtx-5MS 0.25(mm)
460-24277-26	PMP-17-VD-E (3.5-4)	04/07/2011 15:32	1	gcr60546.d	Rtx-5MS 0.25(mm)
460-24277-29	PMP-18-VD-E (3.5-4)	04/07/2011 15:47	1	gcr60547.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 16:14	1		Rtx-5MS 0.25(mm)
CCV 460-69832/28		04/07/2011 16:20	1	gcr60549.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 16:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 16:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 16:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 17:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 17:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 17:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 17:56	1		Rtx-5MS 0.25(mm)
RINSE 460-69832/36		04/07/2011 18:08	1		Rtx-5MS 0.25(mm)
RINSE 460-69832/37		04/07/2011 18:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 18:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 19:02	50		Rtx-5MS 0.25(mm)
		04/07/2011 19:09	1		Rtx-5MS 0.25(mm)
CCV 460-69832/41		04/07/2011 19:24	1		Rtx-5MS 0.25(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68964 Batch Start Date: 03/30/11 10:00 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00019	OPQAMMS/SD 00017	OPQAMSU 00016	
MB 460-68964/1		3546, NJ-OQA-QAM-025		15.03 g	1 mL			1 mL	
LCS 460-68964/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-24277-F-1 MS	PMP-9-VD-E (3.5-4.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-24277-F-1 MSD	PMP-9-VD-E (3.5-4.0)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL		1 mL	1 mL	
460-24277-F-1	PMP-9-VD-E (3.5-4.0)	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-24277-F-2	PMP-9-WT-E (8-8.5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24277-F-3	PMP-9-SIE (10.5-11)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-24277-F-4	DUP-031711 (3.5-4)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-24277-F-5	DUP-031711 (8-8.5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24277-F-6	DUP-031711 (10.5-11)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-24277-F-7	PMP-10-VD-E (3.5-4.0)	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-24277-F-8	PMP-10-WT-E (7.5-8.0)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-24277-F-9	PMP-10-ST1-E (15-15.5)	3546, NJ-OQA-QAM-025	T	14.97 g	1 mL			1 mL	
460-24277-F-10	PMP-10-ST2-E (23.5-24)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24277-F-11	PMP-13-VD-E (3.5-4)	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68964 Batch Start Date: 03/30/11 10:00 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00019	OPQAMMS/SD 00017	OPQAMSU 00016	
460-24277-F-12	PMP-13-WT-E (7.5-8.0)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-24277-F-13	PMP-13-SI-E (15.5-16)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-24277-F-14	PMP-13-SD-E (23.5-24)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

Batch Notes	
Balance ID	28
Batch Comment	QAM-025 SOIL
Person's name who did the concentration	CM
Microwave Start Time	10:30am
Microwave Stop Time	11am
Na2SO4 Lot Number	J41625
Person's name who did the prep	CM
SOP Number	3546
Person who witnessed spiking	JR
Surrogate Lot Number	SP 1987

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 69044 Batch Start Date: 03/31/11 10:21 Batch Analyst: Patel, Harsh

Batch Method: 3546 Batch End Date: 03/31/11 15:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00020	OPQAMMS/SD 00017	OPQAMSU 00016	
MB 460-69044/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-69044/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-24277-F-15 MS	PMP-16-VD-E (3.5-4.0)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL		1 mL	1 mL	
460-24277-F-15 MSD	PMP-16-VD-E (3.5-4.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-24277-F-15	PMP-16-VD-E (3.5-4.0)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-24277-F-16	PMP-16-WT-E (8.0-8.5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24277-F-17	PMP-16-SI-E (10.5-11.0)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-24277-F-18	PMP-15VD-E (3.5-4)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-24277-F-19	PMP-15-WT-E (7.5-8)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24277-F-20	PMP-15-SI-E (15.5-16)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-24277-F-21	PMP-15-SD-E (23.5-24.0)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-24277-F-22	PMP-28-VD-E (3-5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24277-F-23	PMP-28-WT-E (8-8.5)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-24277-F-24	PMP-28-SI1-E (11-13)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24277-F-25	PMP-28-SI2-E (15-17)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 69044 Batch Start Date: 03/31/11 10:21 Batch Analyst: Patel, Harsh

Batch Method: 3546 Batch End Date: 03/31/11 15:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00020	OPQAMMS/SD 00017	OPQAMSU 00016	
460-24277-F-26	PMP-17-VD-E (3.5-4)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-24277-F-27	PMP-17-WT-E (8-8.5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24277-F-28	PMP-17-SI-E (10.5-11.0)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-24277-F-29	PMP-18-VD-E (3.5-4)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24277-F-30	PMP-18-WT-E (8-8.5)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-24277-F-31	PMP-18-SI-E (10.5-11)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	

Batch Notes	
Balance ID	28
Batch Comment	QAM 025 soil
Person's name who did the concentration	hp
MeCL2 Lot #	K06E10
Microwave Start Time	9.45am
Microwave Stop Time	10.15am
Na2SO4 Lot Number	J38600
Person's name who did the prep	hp
Person who witnessed spiking	JR

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24277-1

SDG No.:

Project: McCandless

Client Sample ID	Lab Sample ID
PMP-9-VD-E (3.5-4.0)	460-24277-1
PMP-9-WT-E (8-8.5)	460-24277-2
PMP-9-SIE (10.5-11)	460-24277-3
DUP-031711 (3.5-4)	460-24277-4
DUP-031711 (8-8.5)	460-24277-5
DUP-031711 (10.5-11)	460-24277-6
PMP-10-VD-E (3.5-4.0)	460-24277-7
PMP-10-WT-E (7.5-8.0)	460-24277-8
PMP-10-ST1-E (15-15.5)	460-24277-9
PMP-10-ST2-E (23.5-24)	460-24277-10
PMP-13-VD-E (3.5-4)	460-24277-11
PMP-13-WT-E (7.5-8.0)	460-24277-12
PMP-13-SI-E (15.5-16)	460-24277-13
PMP-13-SD-E (23.5-24)	460-24277-14
PMP-16-VD-E (3.5-4.0)	460-24277-15
PMP-16-WT-E (8.0-8.5)	460-24277-16
PMP-16-SI-E (10.5-11.0)	460-24277-17
PMP-15VD-E (3.5-4)	460-24277-18
PMP-15-WT-E (7.5-8)	460-24277-19
PMP-15-SI-E (15.5-16)	460-24277-20
PMP-15-SD-E (23.5-24.0)	460-24277-21
PMP-28-VD-E (3-5)	460-24277-22
PMP-28-WT-E (8-8.5)	460-24277-23
PMP-28-SI1-E (11-13)	460-24277-24
PMP-28-SI2-E (15-17)	460-24277-25
PMP-17-VD-E (3.5-4)	460-24277-26
PMP-17-WT-E (8-8.5)	460-24277-27
PMP-17-SI-E (10.5-11.0)	460-24277-28
PMP-18-VD-E (3.5-4)	460-24277-29
PMP-18-WT-E (8-8.5)	460-24277-30
PMP-18-SI-E (10.5-11)	460-24277-31

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-9-VD-E (3.5-4.0) Lab Sample ID: 460-24277-1

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 13:55

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-9-WT-E (8-8.5) Lab Sample ID: 460-24277-2

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 13:57

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	21.3	100	19.7	mg/Kg	J		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-9-SIE (10.5-11) Lab Sample ID: 460-24277-3

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 14:00

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	37.5	100	19.7	mg/Kg	J		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: DUP-031711 (3.5-4) Lab Sample ID: 460-24277-4

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 00:00

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: DUP-031711 (8-8.5) Lab Sample ID: 460-24277-5

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 00:00

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: DUP-031711 (10.5-11) Lab Sample ID: 460-24277-6

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 00:00

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-10-VD-E (3.5-4.0) Lab Sample ID: 460-24277-7

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 14:30

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-10-WT-E (7.5-8.0) Lab Sample ID: 460-24277-8

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 14:35

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-10-ST1-E (15-15.5) Lab Sample ID: 460-24277-9

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 14:40

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	37.9	100	19.7	mg/Kg	J		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-10-ST2-E (23.5-24) Lab Sample ID: 460-24277-10

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 14:45

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	23.1	100	19.7	mg/Kg	J		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-13-VD-E (3.5-4) Lab Sample ID: 460-24277-11

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 16:00

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-13-WT-E (7.5-8.0) Lab Sample ID: 460-24277-12

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 16:05

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-13-SI-E (15.5-16) Lab Sample ID: 460-24277-13

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 16:10

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-13-SD-E (23.5-24) Lab Sample ID: 460-24277-14

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 16:15

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-16-VD-E (3.5-4.0) Lab Sample ID: 460-24277-15

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 09:20

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-16-WT-E (8.0-8.5) Lab Sample ID: 460-24277-16

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 09:25

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-16-SI-E (10.5-11.0) Lab Sample ID: 460-24277-17

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 09:30

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	38.4	100	19.7	mg/Kg	J		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-15VD-E (3.5-4) Lab Sample ID: 460-24277-18

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 10:25

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-15-WT-E (7.5-8) Lab Sample ID: 460-24277-19

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 10:30

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-15-SI-E (15.5-16) Lab Sample ID: 460-24277-20

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 10:35

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-15-SD-E (23.5-24.0) Lab Sample ID: 460-24277-21

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 10:40

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-28-VD-E (3-5)
Lab Sample ID: 460-24277-22
Lab Name: TestAmerica Edison
Job No.: 460-24277-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/18/2011 11:55
Reporting Basis: WET
Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-28-WT-E (8-8.5) Lab Sample ID: 460-24277-23

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 12:00

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-28-SI1-E (11-13) Lab Sample ID: 460-24277-24

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 12:05

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-28-SI2-E (15-17) Lab Sample ID: 460-24277-25

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 12:10

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	30.9	100	19.7	mg/Kg	J		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-17-VD-E (3.5-4) Lab Sample ID: 460-24277-26

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 12:30

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-17-WT-E (8-8.5) Lab Sample ID: 460-24277-27

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 12:35

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-17-SI-E (10.5-11.0) Lab Sample ID: 460-24277-28

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 12:40

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	21.7	100	19.7	mg/Kg	J		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-18-VD-E (3.5-4) Lab Sample ID: 460-24277-29

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 12:50

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	25.7	100	19.7	mg/Kg	J		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-18-WT-E (8-8.5) Lab Sample ID: 460-24277-30

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 12:55

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-18-SI-E (10.5-11) Lab Sample ID: 460-24277-31

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG ID.:

Matrix: Solid Date Sampled: 03/18/2011 13:00

Reporting Basis: WET Date Received: 03/18/2011 16:40

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	22.5	100	19.7	mg/Kg	J		1	9251

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Analyst: MB Batch Start Date: 03/29/2011

Reporting Units: mg/L Analytical Batch No.: 68803

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	09:32	Total Chloride	50.23	50.0	100	90-110		WTchlss1_00008
2	ICB	09:32	Total Chloride	0.995				J	
3	CCV	09:50	Total Chloride	48.53	50.0	97	90-110		WTchlss1_00008
4	CCB	09:50	Total Chloride	5.0				U	
15	CCV	09:55	Total Chloride	49.04	50.0	98	90-110		WTchlss1_00008
16	CCB	09:55	Total Chloride	5.0				U	
27	CCV	09:56	Total Chloride	49.51	50.0	99	90-110		WTchlss1_00008
28	CCB	09:56	Total Chloride	5.0				U	
31	CCV	09:58	Total Chloride	50.68	50.0	101	90-110		WTchlss1_00008
32	CCB	09:58	Total Chloride	2.47				J	
33	CCV	10:13	Total Chloride	49.48	50.0	99	90-110		WTchlss1_00008
34	CCB	10:13	Total Chloride	5.0				U	
37	CCV	10:14	Total Chloride	49.68	50.0	99	90-110		WTchlss1_00008
38	CCB	10:14	Total Chloride	5.0				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Analyst: MB Batch Start Date: 03/29/2011

Reporting Units: mg/L Analytical Batch No.: 68820

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	11:00	Total Chloride	50.87	50.0	102	90-110		WTchlss1_00008
2	ICB	11:00	Total Chloride	0.986				J	
3	CCV	11:24	Total Chloride	50.33	50.0	101	90-110		WTchlss1_00008
4	CCB	11:24	Total Chloride	5.0				U	
15	CCV	11:28	Total Chloride	50.01	50.0	100	90-110		WTchlss1_00008
16	CCB	11:28	Total Chloride	5.0				U	
33	CCV	12:21	Total Chloride	51.44	50.0	103	90-110		WTchlss1_00008
34	CCB	12:21	Total Chloride	5.0				U	
37	CCV	12:22	Total Chloride	51.89	50.0	104	90-110		WTchlss1_00008
38	CCB	12:22	Total Chloride	1.12				J	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Analyst: MB Batch Start Date: 03/31/2011

Reporting Units: mg/L Analytical Batch No.: 69070

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
3	ICB	10:23	Total Chloride	5.0				U	
4	ICV	10:23	Total Chloride	48.91	50.0	98	90-110		WTchlss1_00008
5	CCV	10:42	Total Chloride	48.67	50.0	97	90-110		WTchlss1_00008
6	CCB	10:42	Total Chloride	5.0				U	
17	CCV	10:47	Total Chloride	48.63	50.0	97	90-110		WTchlss1_00008
18	CCB	10:47	Total Chloride	5.0				U	
29	CCV	10:48	Total Chloride	50.42	50.0	101	90-110		WTchlss1_00008
30	CCB	10:48	Total Chloride	5.0				U	
33	CCV	10:50	Total Chloride	51.04	50.0	102	90-110		WTchlss1_00008
34	CCB	10:50	Total Chloride	5.0				U	
35	CCV	11:14	Total Chloride	50.36	50.0	101	90-110		WTchlss1_00008
36	CCB	11:14	Total Chloride	5.0				U	
45	CCV	11:19	Total Chloride	51.02	50.0	102	90-110		WTchlss1_00008
46	CCB	11:19	Total Chloride	1.07				J	
47	CCV	12:01	Total Chloride	50.47	50.0	101	90-110		WTchlss1_00008
48	CCB	12:01	Total Chloride	5.0				U	
55	CCV	12:02	Total Chloride	51.54	50.0	103	90-110		WTchlss1_00008
56	CCB	12:02	Total Chloride	1.02				J	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Analyst: MB Batch Start Date: 03/31/2011

Reporting Units: mg/L Analytical Batch No.: 69086

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	12:53	Total Chloride	52.60	50.0	105	90-110		WTchlss1_00008
2	ICB	12:53	Total Chloride	1.03				J	
3	CCV	13:06	Total Chloride	52.03	50.0	104	90-110		WTchlss1_00008
4	CCB	13:06	Total Chloride	5.0				U	
12	CCV	13:07	Total Chloride	53.05	50.0	106	90-110		WTchlss1_00008
13	CCB	13:07	Total Chloride	1.20				J	
14	CCV	13:26	Total Chloride	53.16	50.0	106	90-110		WTchlss1_00008
15	CCB	13:26	Total Chloride	0.990				J	
18	CCV	13:27	Total Chloride	53.35	50.0	107	90-110		WTchlss1_00008
19	CCB	13:27	Total Chloride	1.17				J	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 68803	Date: 03/29/2011 09:50						
9251	MB 460-68803/5	Total Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 68820	Date: 03/29/2011 11:24						
9251	MB 460-68820/5	Total Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 69070	Date: 03/31/2011 10:42						
9251	MB 460-69070/7	Total Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 69086	Date: 03/31/2011 13:06						
9251	MB 460-69086/5	Total Chloride	5.0	U	mg/Kg	5.0	1

3-IN
TCLP SPLPE LEACHATE BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 68803	Date: 03/29/2011 09:50						
9251	LB 460-68642/1-A	Total Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 68820	Date: 03/29/2011 11:24						
9251	LB 460-68642/1-A	Total Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 69070	Date: 03/31/2011 10:42						
9251	LB 460-68827/1-A	Total Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 69086	Date: 03/31/2011 13:06						
9251	LB 460-68827/1-A	Total Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 69086	Date: 03/31/2011 13:06						
9251	LB 460-68827/22-A	Total Chloride	5.0	U	mg/Kg	5.0	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 68803 Date: 03/29/2011 10:13											
9251	460-24280-A-10-A	Total Chloride	100	U	mg/Kg						
9251	460-24280-A-10-A MS	Total Chloride	1010		mg/Kg	1000	101	80-120			
Batch ID: 68820 Date: 03/29/2011 12:21											
9251	460-24277-4	Total Chloride	100	U	mg/Kg						
9251	460-24277-4 MS	Total Chloride	1008		mg/Kg	1000	101	80-120			
Batch ID: 69070 Date: 03/31/2011 11:14											
9251	460-24277-17	Total Chloride	38.4	J	mg/Kg						
9251	460-24277-17 MS	Total Chloride	1040		mg/Kg	1000	100	80-120			
Batch ID: 69086 Date: 03/31/2011 13:26											
9251	460-24277-30	Total Chloride	100	U	mg/Kg						
9251	460-24277-30 MS	Total Chloride	1030		mg/Kg	1000	103	80-120			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 68803		Date: 03/29/2011 10:13									
9251	460-24280-A-10-A MSD	Total Chloride	1015		mg/Kg	1000	101	80-120	0	10	
Batch ID: 68820		Date: 03/29/2011 12:21									
9251	460-24277-4 MSD	Total Chloride	1008		mg/Kg	1000	101	80-120	0	10	
Batch ID: 69070		Date: 03/31/2011 11:14									
9251	460-24277-17 MSD	Total Chloride	1046		mg/Kg	1000	101	80-120	1	10	
Batch ID: 69086		Date: 03/31/2011 13:26									
9251	460-24277-30 MSD	Total Chloride	1030		mg/Kg	1000	103	80-120	0	10	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 68803	Date: 03/29/2011 09:50										
						LCS Source: WTchlLCS_00019					
9251	LCS 460-68803/6	Total Chloride	56.85		mg/Kg	59.0	96	85-115			
Batch ID: 68820	Date: 03/29/2011 11:24										
						LCS Source: WTchlLCS_00019					
9251	LCS 460-68820/6	Total Chloride	59.23		mg/Kg	59.0	100	85-115			
Batch ID: 69070	Date: 03/31/2011 10:42										
						LCS Source: WTchlLCS_00019					
9251	LCS 460-69070/8	Total Chloride	57.62		mg/Kg	59.0	98	85-115			
Batch ID: 69086	Date: 03/31/2011 13:06										
						LCS Source: WTchlLCS_00019					
9251	LCS 460-69086/6	Total Chloride	62.70		mg/Kg	59.0	106	85-115			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24277-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Analysis Method: 9251 MDL Date: 12/08/2008 17:19

Prep Method:

Leach Method: D3987-85

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Total Chloride		100	19.68

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24277-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Analysis Method: 9251 XMDL Date: 12/21/2008 20:13

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Chloride		5	0.984

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24277-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Analysis Method: Moisture RL Date: 02/15/2007 17:07

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24277-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Analysis Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: Konelab1 Method: 9251

Start Date: 03/29/2011 09:32 End Date: 03/29/2011 10:14

Lab Sample ID	D/F	Type	Time	Analytes																			
				CL-																			
ICV 460-68803/1	1		09:32	X																			
ICB 460-68803/2	1		09:32	X																			
CCV 460-68803/3	1		09:50	X																			
CCB 460-68803/4	1		09:50	X																			
MB 460-68803/5	1	T	09:50	X																			
LCS 460-68803/6	1	T	09:50	X																			
LB 460-68642/1-A	1	T	09:50	X																			
ZZZZZZ			09:50																				
ZZZZZZ			09:50																				
ZZZZZZ			09:50																				
ZZZZZZ			09:50																				
ZZZZZZ			09:50																				
ZZZZZZ			09:50																				
ZZZZZZ			09:50																				
CCV 460-68803/15	1		09:55	X																			
CCB 460-68803/16	1		09:55	X																			
ZZZZZZ			09:55																				
ZZZZZZ			09:55																				
ZZZZZZ			09:55																				
460-24277-5	1	T	09:55	X																			
460-24277-6	1	T	09:55	X																			
460-24277-7	1	T	09:55	X																			
460-24277-8	1	T	09:55	X																			
460-24277-9	1	T	09:55	X																			
460-24277-10	1	T	09:55	X																			
460-24277-1	1	T	09:55	X																			
CCV 460-68803/27	1		09:56	X																			
CCB 460-68803/28	1		09:56	X																			
460-24277-2	1	T	09:56	X																			
460-24277-3	1	T	09:56	X																			
CCV 460-68803/31	1		09:58	X																			
CCB 460-68803/32	1		09:58	X																			
CCV 460-68803/33	1		10:13	X																			
CCB 460-68803/34	1		10:13	X																			
460-24280-A-10-A MS	1	T	10:13	X																			
460-24280-A-10-A MSD	1	T	10:13	X																			
CCV 460-68803/37	1		10:14	X																			
CCB 460-68803/38	1		10:14	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison
Job No.: 460-24277-1
SDG No.:
Instrument ID: Konelab1
Method: 9251
Start Date: 03/29/2011 11:00
End Date: 03/29/2011 12:22

Lab Sample ID	D/F	Type	Time	Analytes																			
				CL-																			
ICV 460-68820/1	1		11:00	X																			
ICB 460-68820/2	1		11:00	X																			
CCV 460-68820/3	1		11:24	X																			
CCB 460-68820/4	1		11:24	X																			
MB 460-68820/5	1	T	11:24	X																			
LCS 460-68820/6	1	T	11:24	X																			
LB 460-68642/1-A	1	T	11:24	X																			
460-24277-4	1	T	11:24	X																			
ZZZZZZ			11:24																				
ZZZZZZ			11:24																				
ZZZZZZ			11:24																				
ZZZZZZ			11:24																				
ZZZZZZ			11:24																				
ZZZZZZ			11:24																				
CCV 460-68820/15	1		11:28	X																			
CCB 460-68820/16	1		11:28	X																			
ZZZZZZ			11:28																				
ZZZZZZ			11:28																				
ZZZZZZ			11:28																				
ZZZZZZ			11:28																				
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ZZZZZZ			11:28																				
ZZZZZZ			11:28																				
CCV 460-68820/27			11:30																				
CCB 460-68820/28			11:30																				
ZZZZZZ			11:30																				
ZZZZZZ			11:30																				
CCV 460-68820/31			11:32																				
CCB 460-68820/32			11:32																				
CCV 460-68820/33	1		12:21	X																			
CCB 460-68820/34	1		12:21	X																			
460-24277-4 MS	1	T	12:21	X																			
460-24277-4 MSD	1	T	12:21	X																			
CCV 460-68820/37	1		12:22	X																			
CCB 460-68820/38	1		12:22	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: Konelab1 Method: 9251

Start Date: 03/31/2011 10:16 End Date: 03/31/2011 12:02

Lab Sample ID	D/F	Type	Time	Analytes																			
				CL-																			
ICB 460-69070/1			10:16																				
ICV 460-69070/2			10:16																				
ICB 460-69070/3	1		10:23	X																			
ICV 460-69070/4	1		10:23	X																			
CCV 460-69070/5	1		10:42	X																			
CCB 460-69070/6	1		10:42	X																			
MB 460-69070/7	1	T	10:42	X																			
LCS 460-69070/8	1	T	10:42	X																			
LB 460-68827/1-A	1	T	10:42	X																			
460-24277-11	1	T	10:42	X																			
460-24277-12	1	T	10:42	X																			
460-24277-13	1	T	10:42	X																			
460-24277-14	1	T	10:42	X																			
460-24277-15	1	T	10:42	X																			
460-24277-16	1	T	10:42	X																			
460-24277-17	1	T	10:42	X																			
CCV 460-69070/17	1		10:47	X																			
CCB 460-69070/18	1		10:47	X																			
460-24277-18	1	T	10:47	X																			
ZZZZZZ			10:47																				
460-24277-20	1	T	10:47	X																			
ZZZZZZ			10:47																				
ZZZZZZ			10:47																				
ZZZZZZ			10:47																				
ZZZZZZ			10:47																				
ZZZZZZ			10:47																				
460-24277-26	1	T	10:47	X																			
460-24277-27	1	T	10:47	X																			
CCV 460-69070/29	1		10:48	X																			
CCB 460-69070/30	1		10:48	X																			
460-24277-28	1	T	10:48	X																			
460-24277-29	1	T	10:48	X																			
CCV 460-69070/33	1		10:50	X																			
CCB 460-69070/34	1		10:50	X																			
CCV 460-69070/35	1		11:14	X																			
CCB 460-69070/36	1		11:14	X																			
460-24277-17 MS	1	T	11:14	X																			
460-24277-17 MSD	1	T	11:14	X																			
ZZZZZZ			11:18																				
ZZZZZZ			11:18																				
ZZZZZZ			11:18																				
ZZZZZZ			11:18																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: Konelab1 Method: 9251

Start Date: 03/31/2011 10:16 End Date: 03/31/2011 12:02

Lab Sample ID	D / F	Type	Time	Analytes																				
				CL-																				
ZZZZZZ			11:18																					
ZZZZZZ			11:18																					
CCV 460-69070/45	1		11:19	X																				
CCB 460-69070/46	1		11:19	X																				
CCV 460-69070/47	1		12:01	X																				
CCB 460-69070/48	1		12:01	X																				
460-24277-19	1	T	12:01	X																				
460-24277-21	1	T	12:01	X																				
460-24277-22	1	T	12:01	X																				
460-24277-23	1	T	12:01	X																				
460-24277-24	1	T	12:01	X																				
460-24277-25	1	T	12:01	X																				
CCV 460-69070/55	1		12:02	X																				
CCB 460-69070/56	1		12:02	X																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: Konelab1 Method: 9251

Start Date: 03/31/2011 12:53 End Date: 03/31/2011 13:27

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
ICV 460-69086/1	1		12:53	X																			
ICB 460-69086/2	1		12:53	X																			
CCV 460-69086/3	1		13:06	X																			
CCB 460-69086/4	1		13:06	X																			
MB 460-69086/5	1	T	13:06	X																			
LCS 460-69086/6	1	T	13:06	X																			
LB 460-68827/1-A	1	T	13:06	X																			
460-24277-30	1	T	13:06	X																			
LB 460-68827/22-A	1	T	13:06	X																			
460-24277-31	1	T	13:06	X																			
ZZZZZZ			13:06																				
CCV 460-69086/12	1		13:07	X																			
CCB 460-69086/13	1		13:07	X																			
CCV 460-69086/14	1		13:26	X																			
CCB 460-69086/15	1		13:26	X																			
460-24277-30 MS	1	T	13:26	X																			
460-24277-30 MSD	1	T	13:26	X																			
CCV 460-69086/18	1		13:27	X																			
CCB 460-69086/19	1		13:27	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-24277-1

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 03/22/2011 11:25   End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			11:25																				
ZZZZZZ			11:25																				
ZZZZZZ			11:25																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job No.: 460-24277-1

SDG No.:

Instrument ID: NOEQUIP

Method: Moisture

Start Date: 03/22/2011 11:25

End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			11:25																				
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ZZZZZZ			11:29																				
460-24277-1	1	T	11:29	X	X																		
460-24277-2	1	T	11:29	X	X																		
460-24277-3	1	T	11:29	X	X																		
460-24277-4	1	T	11:29	X	X																		
460-24277-5	1	T	11:29	X	X																		
460-24277-6	1	T	11:29	X	X																		
460-24277-7	1	T	11:29	X	X																		
460-24277-8	1	T	11:29	X	X																		
460-24277-9	1	T	11:29	X	X																		
460-24277-10	1	T	11:29	X	X																		
460-24277-11	1	T	11:29	X	X																		
460-24277-12	1	T	11:29	X	X																		
460-24277-13	1	T	11:29	X	X																		
460-24277-14	1	T	11:29	X	X																		
460-24277-15	1	T	11:29	X	X																		
460-24277-16	1	T	11:29	X	X																		
460-24277-17	1	T	11:29	X	X																		
460-24277-17 DU	1	T	11:29	X	X																		
460-24277-18	1	T	11:29	X	X																		
460-24277-19	1	T	11:29	X	X																		
460-24277-20	1	T	11:29	X	X																		

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job No.: 460-24277-1

SDG No.:

Instrument ID: NOEQUIP

Method: Moisture

Start Date: 03/22/2011 11:25

End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes	
				%Sol	Moist
460-24277-21	1	T	11:29	X	X
460-24277-22	1	T	11:29	X	X
460-24277-23	1	T	11:29	X	X
460-24277-24	1	T	11:29	X	X
460-24277-25	1	T	11:29	X	X
460-24277-26	1	T	11:29	X	X
460-24277-27	1	T	11:29	X	X
460-24277-28	1	T	11:29	X	X
460-24277-29	1	T	11:29	X	X
460-24277-30	1	T	11:29	X	X
460-24277-31	1	T	11:29	X	X
ZZZZZZ			11:29		
ZZZZZZ			11:29		
ZZZZZZ			11:29		
ZZZZZZ			11:29		
ZZZZZZ			11:29		
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ZZZZZZ			11:34		
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ZZZZZZ			11:34		
ZZZZZZ			11:34		
ZZZZZZ			11:34		
ZZZZZZ			16:42		

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-24277-1

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 03/22/2011 11:25   End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes: %Sol	Moist																		
ZZZZZZ			16:42																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/22/2011 11:25 End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			16:42																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison
Job No.: 460-24277-1
SDG No.:
Instrument ID: NOEQUIP
Method: Moisture
Start Date: 03/22/2011 11:25
End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			16:42																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/22/2011 11:25 End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes: %Sol	Moist																		
ZZZZZZ			21:30																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job No.: 460-24277-1

SDG No.:

Instrument ID: NOEQUIP

Method: Moisture

Start Date: 03/22/2011 11:25

End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			21:30																				
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Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68642 Batch Start Date: 03/28/11 11:29 Batch Analyst: Carlone, John

Batch Method: D3987-85 Batch End Date: 03/29/11 05:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
LB 460-68642/1		D3987-85, 9251			700 mL	samples tumbled in 1L plastic containers; pH= 5.01 measured on 3/29/11 @833			
460-24277-A-5	DUP-031711 (8-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.75 measured on 3/29/11 @840			
460-24277-A-6	DUP-031711 (10.5-11)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.45 measured on 3/29/11 @841			
460-24277-A-7	PMP-10-VD-E (3.5-4.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.20 measured on 3/29/11 @842			
460-24277-A-8	PMP-10-WT-E (7.5-8.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.02 measured on 3/29/11 @843			
460-24277-A-9	PMP-10-ST1-E (15-15.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.45 measured on 3/29/11 @844			
460-24277-A-10	PMP-10-ST2-E (23.5-24)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.34 measured on 3/29/11 @845			
460-24277-A-1	PMP-9-VD-E (3.5-4.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.92 measured on 3/29/11 @848			
460-24277-A-2	PMP-9-WT-E (8-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.02 measured on 3/29/11 @850			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68642 Batch Start Date: 03/28/11 11:29 Batch Analyst: Carlone, John

Batch Method: D3987-85 Batch End Date: 03/29/11 05:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
460-24277-A-3	PMP-9-SIE (10.5-11)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.08 measured on 3/29/11 @851			
460-24277-A-4	DUP-031711 (3.5-4)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.65 measured on 3/29/11 @853			

Batch Notes	
Balance ID	51
Batch Comment	rpm=29

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68803 Batch Start Date: 03/29/11 09:32 Batch Analyst: Cabanganan, Maria

Batch Method: 9251 Batch End Date: 03/29/11 10:14

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00019	WTchlSP1 00006	WTchlss1 00008		
ICV 460-68803/1		9251		50 mL			2.5 mL		
CCV 460-68803/3		9251		50 mL			2.5 mL		
LCS 460-68803/6		9251		50 mL	50 mL				
CCV 460-68803/15		9251		50 mL			2.5 mL		
CCV 460-68803/27		9251		50 mL			2.5 mL		
CCV 460-68803/31		9251		50 mL			2.5 mL		
CCV 460-68803/33		9251		50 mL			2.5 mL		
460-24280-A-10-A MS		9251	T	50 mL		2.5 mL			
460-24280-A-10-A MSD		9251	T	50 mL		2.5 mL			
CCV 460-68803/37		9251		50 mL			2.5 mL		

Batch Notes	
Batch Comment	Cal. curve: A(48926-48932)11 exp. 04/08/11
Color Reagent ID Number	C-6882-11 exp. 05/29/11

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68820 Batch Start Date: 03/29/11 11:00 Batch Analyst: Cabanganan, Maria

Batch Method: 9251 Batch End Date: 03/29/11 12:22

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00019	WTchlSP1 00006	WTchlss1 00008		
ICV 460-68820/1		9251		50 mL			2.5 mL		
CCV 460-68820/3		9251		50 mL			2.5 mL		
LCS 460-68820/6		9251		50 mL	50 mL				
CCV 460-68820/15		9251		50 mL			2.5 mL		
CCV 460-68820/33		9251		50 mL			2.5 mL		
460-24277-A-4-A MS	DUP-031711 (3.5-4)	9251	T	50 mL		2.5 mL			
460-24277-A-4-A MSD	DUP-031711 (3.5-4)	9251	T	50 mL		2.5 mL			
CCV 460-68820/37		9251		50 mL			2.5 mL		

Batch Notes	
Batch Comment	Cal. curve: A(48926-48932)11 exp. 04/08/11
Color Reagent ID Number	C-6882-11 exp. 05/29/11

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68827 Batch Start Date: 03/29/11 16:44 Batch Analyst: Staib, Patricia L

Batch Method: D3987-85 Batch End Date: 03/30/11 10:44

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
LB 460-68827/1		D3987-85, 9251			700 mL	samples tumbled in 1L plastic container; pH=4.28 measured on 3/30/11 @1335			
460-24277-A-11	PMP-13-VD-E (3.5-4)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 6.40 measured on 3/30/11 @1335			
460-24277-A-12	PMP-13-WT-E (7.5-8.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 6.43 measured on 3/30/11 @1336			
460-24277-A-13	PMP-13-SI-E (15.5-16)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 6.40 measured on 3/30/11 @1337			
460-24277-A-14	PMP-13-SD-E (23.5-24)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.81 measured on 3/30/11 @1337			
460-24277-A-15	PMP-16-VD-E (3.5-4.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 6.74 measured on 3/30/11 @1338			
460-24277-A-16	PMP-16-WT-E (8.0-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.77 measured on 3/30/11 @1338			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68827 Batch Start Date: 03/29/11 16:44 Batch Analyst: Staib, Patricia L

Batch Method: D3987-85 Batch End Date: 03/30/11 10:44

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
460-24277-A-17	PMP-16-SI-E (10.5-11.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.89 measured on 3/30/11 @1339			
460-24277-A-18	PMP-15VD-E (3.5-4)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH=4.98 measured on 3/30/11 @1340			
460-24277-A-19	PMP-15-WT-E (7.5-8)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.22 measured on 3/30/11 @1340			
460-24277-A-20	PMP-15-SI-E (15.5-16)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.10 measured on 3/30/11 @1341			
460-24277-A-21	PMP-15-SD-E (23.5-24.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.43 measured on 3/30/11 @1342			
460-24277-A-22	PMP-28-VD-E (3-5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.46 measured on 3/30/11 @1343			
460-24277-A-23	PMP-28-WT-E (8-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.27 measured on 3/30/11 @1344			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68827 Batch Start Date: 03/29/11 16:44 Batch Analyst: Staib, Patricia L

Batch Method: D3987-85 Batch End Date: 03/30/11 10:44

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
460-24277-A-24	PMP-28-SI1-E (11-13)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.27 measured on 3/30/11 @1345			
460-24277-A-25	PMP-28-SI2-E (15-17)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.30 measured on 3/30/11 @1346			
460-24277-A-26	PMP-17-VD-E (3.5-4)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.63 measured on 3/30/11 @1347			
460-24277-A-27	PMP-17-WT-E (8-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.71 measured on 3/30/11 @1347			
460-24277-A-28	PMP-17-SI-E (10.5-11.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 5.82 measured on 3/30/11 @1348			
460-24277-A-29	PMP-18-VD-E (3.5-4)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 6.77 measured on 3/30/11 @1350			
460-24277-A-30	PMP-18-WT-E (8-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 6.92 measured on 3/30/11 @1351			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68827 Batch Start Date: 03/29/11 16:44 Batch Analyst: Staib, Patricia L

Batch Method: D3987-85 Batch End Date: 03/30/11 10:44

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
LB 460-68827/22		D3987-85, 9251			700 mL	samples tumbled in 1L plastic container; pH= 4.37 measured on 3/30/11 @1352			
460-24277-A-31	PMP-18-SI-E (10.5-11)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH= 6.49 measured on 3/30/11 @1353			

Batch Notes	
Balance ID	51
Batch Comment	rpm=29

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 69070 Batch Start Date: 03/31/11 10:16 Batch Analyst: Cabanganan, Maria

Batch Method: 9251 Batch End Date: 03/31/11 12:02

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00019	WTchlSP1 00006	WTchlss1 00008		
ICV 460-69070/4		9251		50 mL			2.5 mL		
CCV 460-69070/5		9251		50 mL			2.5 mL		
LCS 460-69070/8		9251		50 mL	50 mL				
CCV 460-69070/17		9251		50 mL			2.5 mL		
CCV 460-69070/29		9251		50 mL			2.5 mL		
CCV 460-69070/33		9251		50 mL			2.5 mL		
CCV 460-69070/35		9251		50 mL			2.5 mL		
460-24277-A-17-A MS	PMP-16-SI-E (10.5-11.0)	9251	T	50 mL		2.5 mL			
460-24277-A-17-A MSD	PMP-16-SI-E (10.5-11.0)	9251	T	50 mL		2.5 mL			
CCV 460-69070/45		9251		50 mL			2.5 mL		
CCV 460-69070/47		9251		50 mL			2.5 mL		
CCV 460-69070/55		9251		50 mL			2.5 mL		

Batch Notes	
Batch Comment	Cal. curve: A(49126-48132)11 exp. 04/31/11
Color Reagent ID Number	C-6882-11 exp. 05/29/11

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 69086 Batch Start Date: 03/31/11 12:53 Batch Analyst: Cabanganan, Maria

Batch Method: 9251 Batch End Date: 03/31/11 13:27

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00019	WTchlSP1 00006	WTchlss1 00008		
ICV 460-69086/1		9251		50 mL			2.5 mL		
CCV 460-69086/3		9251		50 mL			2.5 mL		
LCS 460-69086/6		9251		50 mL	50 mL				
CCV 460-69086/12		9251		50 mL			2.5 mL		
CCV 460-69086/14		9251		50 mL			2.5 mL		
460-24277-A-30-A MS	PMP-18-WT-E (8-8.5)	9251	T	50 mL		2.5 mL			
460-24277-A-30-A MSD	PMP-18-WT-E (8-8.5)	9251	T	50 mL		2.5 mL			
CCV 460-69086/18		9251		50 mL			2.5 mL		

Batch Notes	
Batch Comment	Cal. curve: A(49126-49132)11 exp. 04/31/11
Color Reagent ID Number	C-6882-11 exp. 05/29/11

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68119 Batch Start Date: 03/22/11 11:25 Batch Analyst: Retana, Camille

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-24277-A-1	PMP-9-VD-E (3.5-4.0)	Moisture	T	64	1.03 g	10.19 g	9.79 g		
460-24277-A-2	PMP-9-WT-E (8-8.5)	Moisture	T	65	1.02 g	10.46 g	9.28 g		
460-24277-A-3	PMP-9-SIE (10.5-11)	Moisture	T	66	1.01 g	8.35 g	7.53 g		
460-24277-A-4	DUP-031711 (3.5-4)	Moisture	T	67	1.01 g	7.00 g	6.77 g		
460-24277-A-5	DUP-031711 (8-8.5)	Moisture	T	68	1.02 g	6.81 g	6.48 g		
460-24277-A-6	DUP-031711 (10.5-11)	Moisture	T	69	1.01 g	10.41 g	9.16 g		
460-24277-A-7	PMP-10-VD-E (3.5-4.0)	Moisture	T	70	1.00 g	7.06 g	6.82 g		
460-24277-A-8	PMP-10-WT-E (7.5-8.0)	Moisture	T	71	1.00 g	10.70 g	9.79 g		
460-24277-A-9	PMP-10-ST1-E (15-15.5)	Moisture	T	72	1.02 g	7.12 g	6.19 g		
460-24277-A-10	PMP-10-ST2-E (23.5-24)	Moisture	T	73	1.01 g	8.00 g	6.85 g		
460-24277-A-11	PMP-13-VD-E (3.5-4)	Moisture	T	74	1.01 g	7.61 g	7.35 g		
460-24277-A-12	PMP-13-WT-E (7.5-8.0)	Moisture	T	75	1.02 g	9.15 g	8.38 g		
460-24277-A-13	PMP-13-SI-E (15.5-16)	Moisture	T	76	1.01 g	8.39 g	7.61 g		
460-24277-A-14	PMP-13-SD-E (23.5-24)	Moisture	T	77	1.02 g	9.34 g	8.06 g		
460-24277-A-15	PMP-16-VD-E (3.5-4.0)	Moisture	T	78	1.01 g	8.25 g	7.75 g		
460-24277-A-16	PMP-16-WT-E (8.0-8.5)	Moisture	T	79	1.03 g	9.57 g	8.58 g		
460-24277-A-17	PMP-16-SI-E (10.5-11.0)	Moisture	T	80	1.02 g	6.84 g	5.97 g		
460-24277-A-17 DU	PMP-16-SI-E (10.5-11.0)	Moisture	T	81	1.01 g	7.49 g	6.49 g		
460-24277-A-18	PMP-15VD-E (3.5-4)	Moisture	T	82	1.04 g	10.16 g	9.40 g		
460-24277-A-19	PMP-15-WT-E (7.5-8)	Moisture	T	83	1.02 g	8.22 g	7.37 g		
460-24277-A-20	PMP-15-SI-E (15.5-16)	Moisture	T	84	1.01 g	10.88 g	9.54 g		
460-24277-A-21	PMP-15-SD-E (23.5-24.0)	Moisture	T	85	1.00 g	8.49 g	7.50 g		
460-24277-A-22	PMP-28-VD-E (3-5)	Moisture	T	86	1.02 g	8.23 g	7.84 g		

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24277-1

SDG No.:

Batch Number: 68119 Batch Start Date: 03/22/11 11:25 Batch Analyst: Retana, Camille

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-24277-A-23	PMP-28-WT-E (8-8.5)	Moisture	T	87	1.02 g	8.23 g	7.17 g		
460-24277-A-24	PMP-28-SI1-E (11-13)	Moisture	T	88	1.03 g	8.76 g	7.80 g		
460-24277-A-25	PMP-28-SI2-E (15-17)	Moisture	T	89	1.04 g	9.79 g	8.62 g		
460-24277-A-26	PMP-17-VD-E (3.5-4)	Moisture	T	90	1.02 g	6.86 g	6.62 g		
460-24277-A-27	PMP-17-WT-E (8-8.5)	Moisture	T	91	1.01 g	9.10 g	8.21 g		
460-24277-A-28	PMP-17-SI-E (10.5-11.0)	Moisture	T	92	1.01 g	9.56 g	8.44 g		
460-24277-A-29	PMP-18-VD-E (3.5-4)	Moisture	T	93	1.02 g	7.00 g	6.42 g		
460-24277-A-30	PMP-18-WT-E (8-8.5)	Moisture	T	94	1.01 g	6.98 g	6.48 g		
460-24277-A-31	PMP-18-SI-E (10.5-11)	Moisture	T	95	1.02 g	7.78 g	6.79 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were place in the oven	3/22/11
Oven Temp when samples are put in oven	1 104, 2 105 Degrees C
Time samples were place in the oven	11:30
Date samples were removed from oven	3/23/11
Oven Temp when samples removed from oven	1 103, 2 103 Degrees C
Time Samples were removed from oven	12:00
Oven ID	1, 2
ID number of the thermometer	1 1839, 2 1982

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
Carla Nascimento	S. Ramrup & C. Gorski	Former McCandless
Company	**P. O. #**	State (Location of site): NJ: X NY: Other:
Antea Group	8E0812485P	Regulatory Program: SRP
Address	**Analysis Turnaround Time**	
1031 US Highway 22	Standard X	
City / **State**	Rush Chrages Authorized For:	
Bridgewater / NJ	2 Week ☐	
Phone / **Fax**	1 Week ☐	
(908)547-3843	Other ☐	

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 24277

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs (8082), TPH, Chloride, BNA TCL (8270C)	VOA+10	TCL VOA+10 (8260B)	TCL VOA+10 (8260B)	Sample Numbers
PMP-9-VD-E (3.5-4.0)	3-17-11	1355	Soils	6	X	X	X	X	1
PMP-9-WT-E (8-8.5)	3-17-11	1357		6	X	X	X	X	2
PMP-9-SI-E (10.5-11)	3-17-11	1400		6	X	X	X	X	3
Dup-031711 (3.5-4)	3-17-11	—		6	X	X	X	X	4
Dup-031711 (8-8.5)	3-17-11	—		6	X	X	X	X	5
Dup-031711 (10.5-11)	3-17-11	—		6	X	X	X	X	6
PMP-10-VD-E (3.5-4.0)	3-17-11	1430		6	X	X	X	X	7
PMP-10-WT-E (7.5-8.0)	3-17-11	1435		6	X	X	X	X	8
PMP-10-ST1-E (15-15.5)	3-17-11	1440		6	X	X	X	X	9
PMP-10-ST2-E (23.5-24)	3-17-11	1445	Soils	6	X	X	X	X	10
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1	1,6	1	1,7	
6 = Other DI water 7 = Other Methanol				Water:					

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
Satish Ramrup	Antea Group	3/18/11 16:40	1) R. Hunter	Test America
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received 3)	Company
Relinquished by 4)	Company	Date / Time	Receive 4)	Company

SHORT HOLD

1.9°C
2.2°C
IR 50

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (1107)

Massachusetts (M-NJ312), North Carolina (No. 578)

399072, 400538

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Edison, New Jersey 08817
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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
Carla Nascimento	S. Romrup & C. Gorski	Former McCandless
Company: Antea Group	P. O. #: 8E0812485P	State (Location of site): NJ: X NY: Other:
Address: 1031 US Highway 22	Analysis Turnaround Time: Standard X	Regulatory Program: SRP
City: Bridgewater State: NJ	Rush Chrages Authorized For: 2 Week 1 Week Other	LAB USE ONLY Project No:
Phone: (908) 547-3843 Fax:		Job No: 24277

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs chloride, TPH BNA+10 (8270C)	VOA+10	TCL VOA+10 (8260B)	TCL VOA+10 (8260B)	Sample Numbers
PMP-13-VD-E (3.5-4)	3-17-11	1600	Soils	6	X	X	X	X	11
PMP-13-WT-E (7.5-8.0)	3-17-11	1605		6	X	X	X	X	12
PMP-13-SI-E (15.5-16)	3-17-11	1610		6	X	X	X	X	13
PMP-13-SD-E (23.5-24)	3-17-11	1615		6	X	X	X	X	14
PMP-16-VD-E (3.5-4.0)	3-18-11	0920		6	X	X	X	X	15
PMP-16-WT-E (8.0-8.5)	3-18-11	0925		6	X	X	X	X	16
PMP-16-SI-E (10.5-11.0)	3-18-11	0930		6	X	X	X	X	17
PMP-15-VD-E (3.5-4)	3-18-11	1025		6	X	X	X	X	18
PMP-15-WT-E (7.5-8)	3-18-11	1030		6	X	X	X	X	19
PMP-15-SI-E (15.5-16)	3-18-11	1035		6	X	X	X	X	20
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1	1,6	1	1,7	
6 = Other DI water = Other methanol				Water:					

Special Instructions Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
Sarah Romrup	Antea Group	3/18/11 16:40	1)	Test America
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Time	Received by 3)	Company
Relinquished by 4)	Company	e	Received by 4)	Company

SHORT HOLD

Laboratory Certifications: New Jersey (12028), New York (114..., ...nsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

399072, 400538 1.9°C IR50 2.2°C

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento	Samplers Name (Printed): S.Ramrup & C.Gorski	Site/Project Identification: Former McCandless
Company: Antea Group	P. O. #: 8E0812485P	State (Location of site): NJ: X NY: Other:
		Regulatory Program: SRP
Address: 1031 US Highway 22	Analysis Turnaround Time: Standard X	
City: Bridgewater State: NJ	Rush Chrages Authorized For: 2 Week / 1 Week / Other	
Phone: (908) 547-3843 Fax:		

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs (8082) TPH Chloride, BNA420 (8270C)	VOA +10	TCL VOA +10 (8260B)	TCL VOA +10 (8260B)	Sample Numbers
PMP-15-SD-E (23.5-24.0)	3-18-11	1040	Soils	6	X	X	X	X	21
PMP-28-VD-E (3-5)	3-18-11	1155		6	X	X	X	X	22
PMP-28-WT-E (8-8.5)	3-18-11	1200		6	X	X	X	X	23
PMP-28-SI1-E (11-13)	3-18-11	1205		6	X	X	X	X	24
PMP-28-SI2-E (15-17)	3-18-11	1210		6	X	X	X	X	25
PMP-17-VD-E (3.5-4)	3-18-11	1230		6	X	X	X	X	26
PMP-17-WT-E (8-8.5)	3-18-11	1235		6	X	X	X	X	27
PMP-17-SI-E (10.5-11.0)	3-18-11	1240	Soils	6	X	X	X	X	28
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1	1,6	1	1,7	
6 = Other DI water, 7 = Other Methanol				Water:					

LAB USE ONLY
Project No:
Job No: 24277

Special Instructions Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
Satish Ramrup	Antea Group	3/14 | 16:40	1)	TestAmerica
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received 3)	Company
Relinquished by 4)	Company	Date / Time	Rec 4)	Company

SHORT HOLD

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), ...ut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

399072, 400538 1.9°C IR 60 2.2°C

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento	Samplers Name (Printed): S.Ramrup & C. Gorski	Site/Project Identification: Former McCandless
Company: Antea Group	P. O. #: 8E0812485P	State (Location of site): NJ: ☒ NY: ☐ Other:
		Regulatory Program: SRP
Address: 1031 US Highway 22	Analysis Turnaround Time: Standard ☒	LAB USE ONLY Project No:
City: Bridgewater State: NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Job No: 24277
Phone: (908)547-3843 Fax:		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs (8082) TPH Chloride, BNA+20 (8270C)	VOA+10	TCL VOA+10 (8260B)	TCL VOA+10 (8260B)	Sample Numbers
PMP-18-VD-E (3.5-4)	3-18-11	1250	soils	6	X	X	X	X	29
PMP-18-WT-E (8-8.5)	3-18-11	1255	soils	6	X	X	X	X	30
PMP-18-SI-E (10.5-11)	3-18-11	1300	soils	6	X	X	X	X	31
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	4	1,6	1	1,7	
6 = Other DI Water, 7 = Other Methanol				Water:					

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
Satish Ramp	Antea Group	3/18 | 16:40	1)	Test America
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

SHORT HOLD

Laboratory Certifications: New Jersey (12028), New York (11452), Pen... ...nia (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

IR 50
1.9°C
399072 400638 2.2°C

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-24277-1

Login Number: 24277

List Source: TestAmerica Edison

List Number: 1

Creator: Tortorete, Brian R

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	399072, 400538
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9°C, 2.2°C IR # 50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	