LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004837.D
Acq On : 30 Mar 2016 01:15
Operator : UM/SJ
Sample : H1939-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SH4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.516	646	651	657	rBB	52823	78499	8.49%	0.856%
2	6.993	726	732	741	rVB	150437	247579	26.76%	2.700%
3	7.157	755	760	769	rBB	124408	189702	20.51%	2.069%
4	7.357	788	794	802	rBB	164114	256394	27.71%	2.796%
5	7.828	867	874	881	rBB	215203	339522	36.70%	3.703%
6	8.528	987	993	1001	rBB	169334	278887	30.15%	3.041%
7	8.981	1064	1070	1079	rBV	150249	243523	26.32%	2.656%
8	9.698	1186	1192	1199	rBB	123237	208485	22.54%	2.274%
9	10.233	1277	1283	1293	rBV	206378	345441	37.34%	3.767%
10	10.616	1341	1348	1355	rBV	330544	557844	60.30%	6.083%
11	10.751	1365	1371	1386	rVB	68169	124004	13.40%	1.352%
12	13.869	1895	1901	1905	rBV	386753	533398	57.66%	5.817%
13	13.916	1905	1909	1917	rVB	136533	191656	20.72%	2.090%
14	14.157	1943	1950	1956	rVB	443525	672534	72.70%	7.334%
15	14.357	1979	1984	1988	rBV	31350	39745	4.30%	0.433%
16	14.463	1992	2002	2010	rVB2	535222	835492	90.31%	9.111%
17	14.657	2025	2035	2045	rBV	164026	276585	29.90%	3.016%
18	14.816	2056	2062	2065	rBV4	17300	31142	3.37%	0.340%
19	15.310	2142	2146	2152	rBV	45366	64362	6.96%	0.702%
20	15.457	2165	2171	2177	rBV	608534	893863	96.62%	9.748%
21	15.568	2185	2190	2197	rBV	131399	200243	21.64%	2.184%
22	15.715	2209	2215	2219	rBV2	34696	62983	6.81%	0.687%
23	16.192	2294	2296	2301	rVB2	123923	159320	17.22%	1.737%
24	16.415	2330	2334	2338	rBV2	61485	100885	10.91%	1.100%
25	16.962	2424	2427	2430	rBV	121748	139125	15.04%	1.517%
26	17.015	2432	2436	2441	rVB	241745	339280	36.67%	3.700%
27	17.209	2464	2469	2475	rBV	645532	925126	100.00%	10.089%
28	17.304	2481	2485	2494	rVB2	542251	834169	90.17%	9.097%

Sum of corrected areas: 9169788

LSC Report - Integrated Chromatogram

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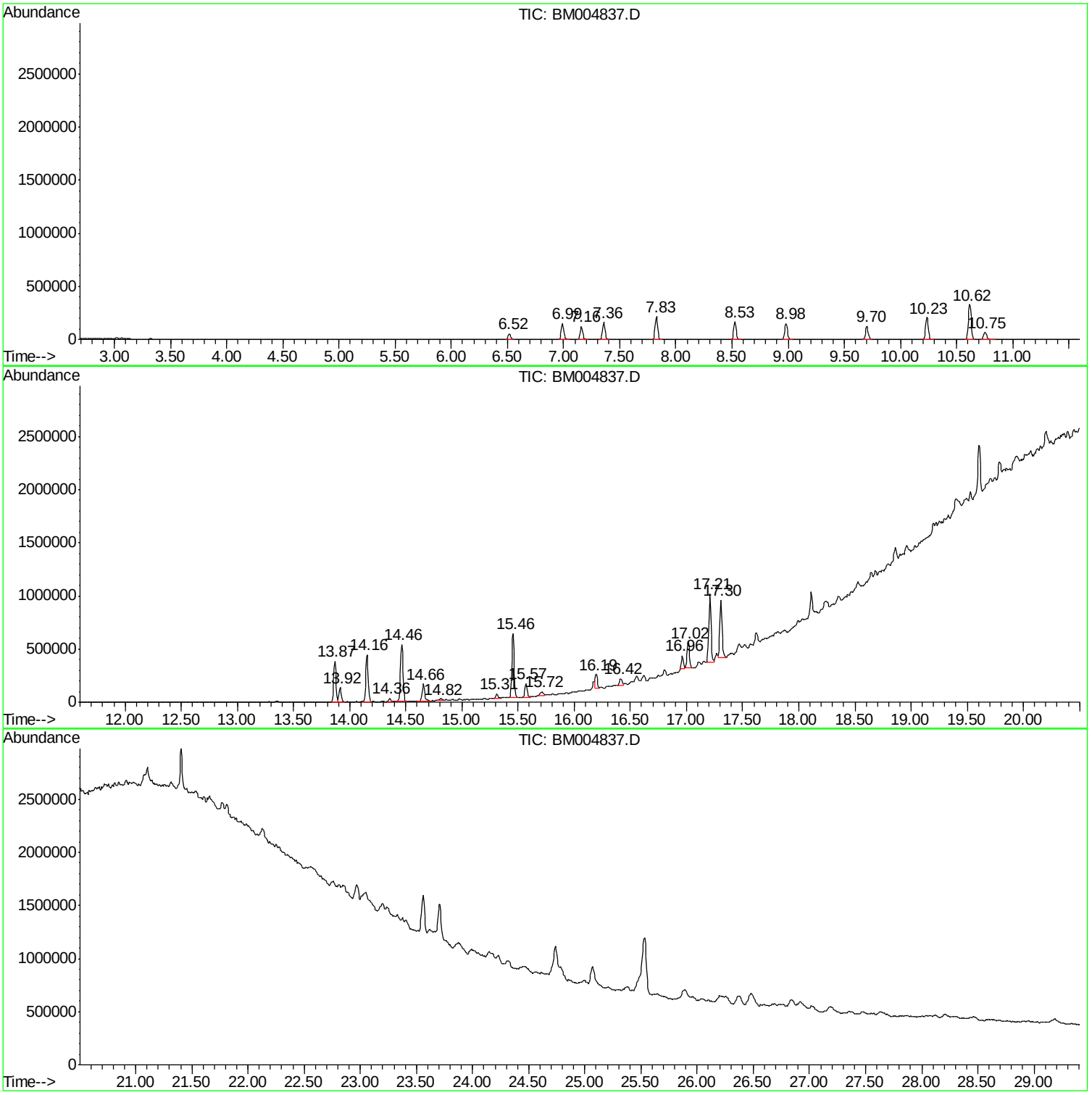
Sample : H1939-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SH4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004837.D
Acq On : 30 Mar 2016 01:15
Operator : UM/SJ
Sample : H1939-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SH4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

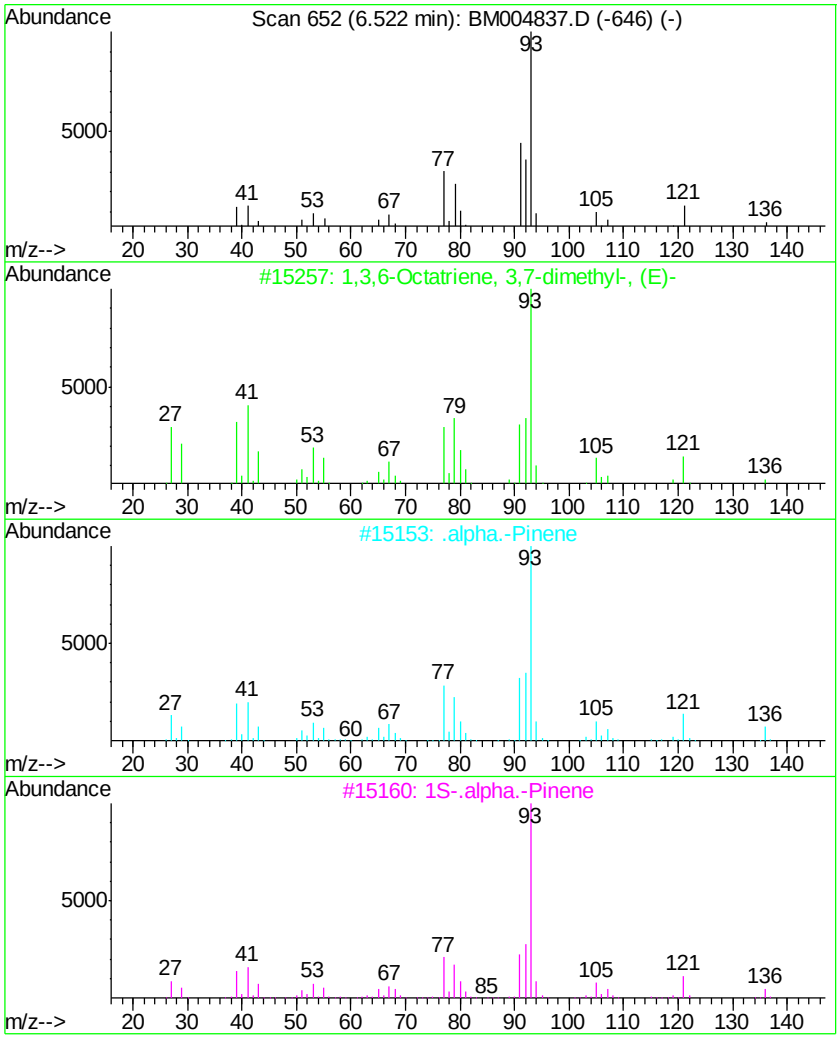
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

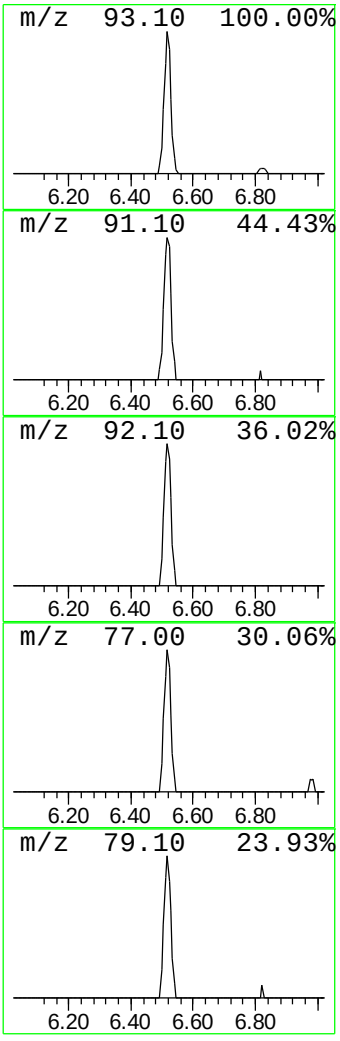
****

Peak Number 1 1,3,6-Octatriene, 3,7-dimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	4.62 ng/ul	78499	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003779-61-1	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	1S-.alpha.-Pinene	136	C10H16	007785-26-4	91
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	91
5	1R-.alpha.-Pinene	136	C10H16	007785-70-8	91





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Data File : BM004837.D
Acq On : 30 Mar 2016 01:15
Operator : UM/SJ
Sample : H1939-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SH4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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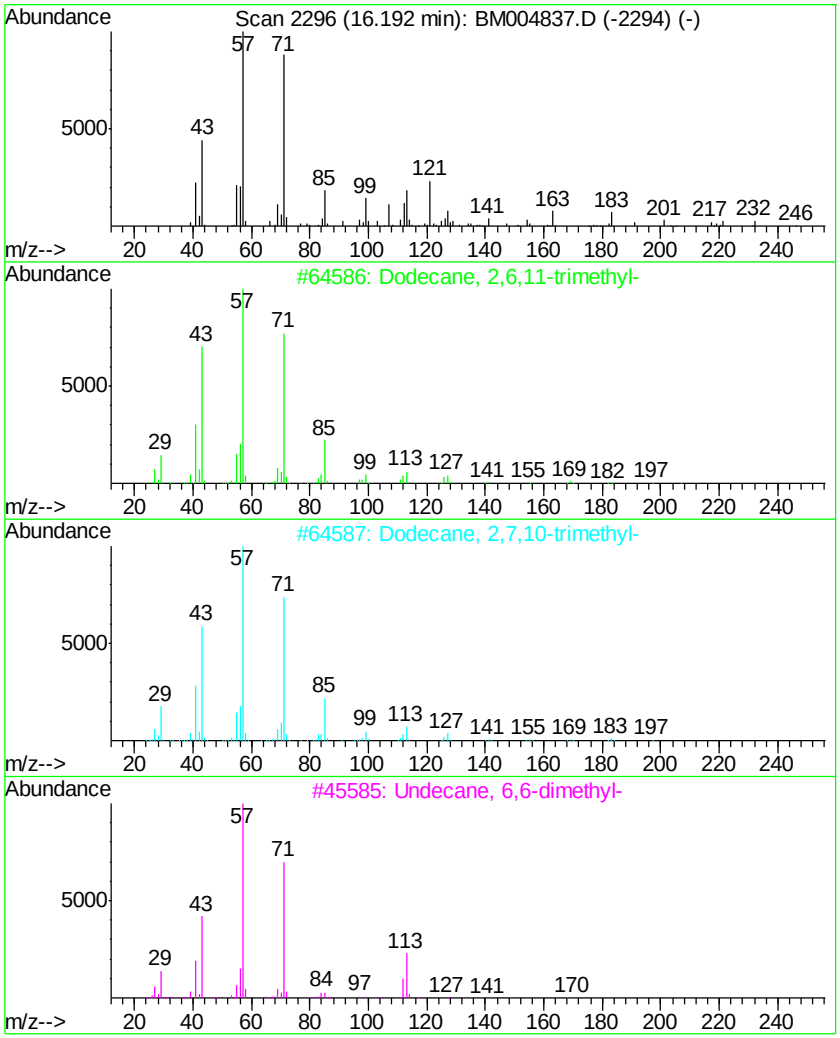
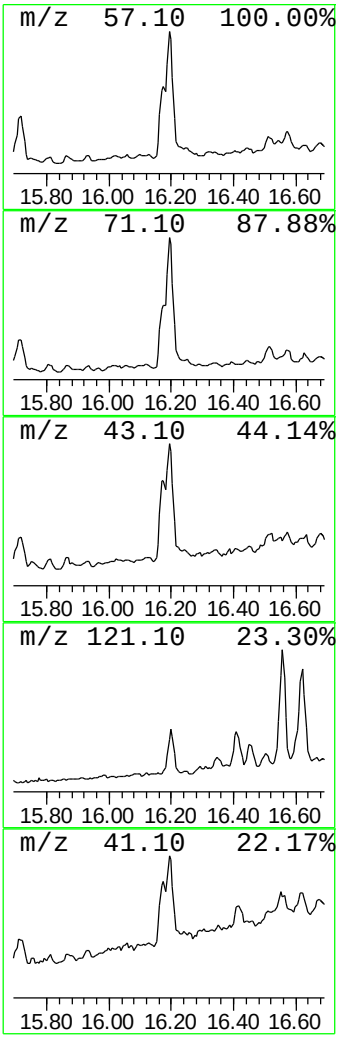
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	3.44 ng/ul	159320	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
5	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	53





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Data File : BM004837.D
Acq On : 30 Mar 2016 01:15
Operator : UM/SJ
Sample : H1939-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SH4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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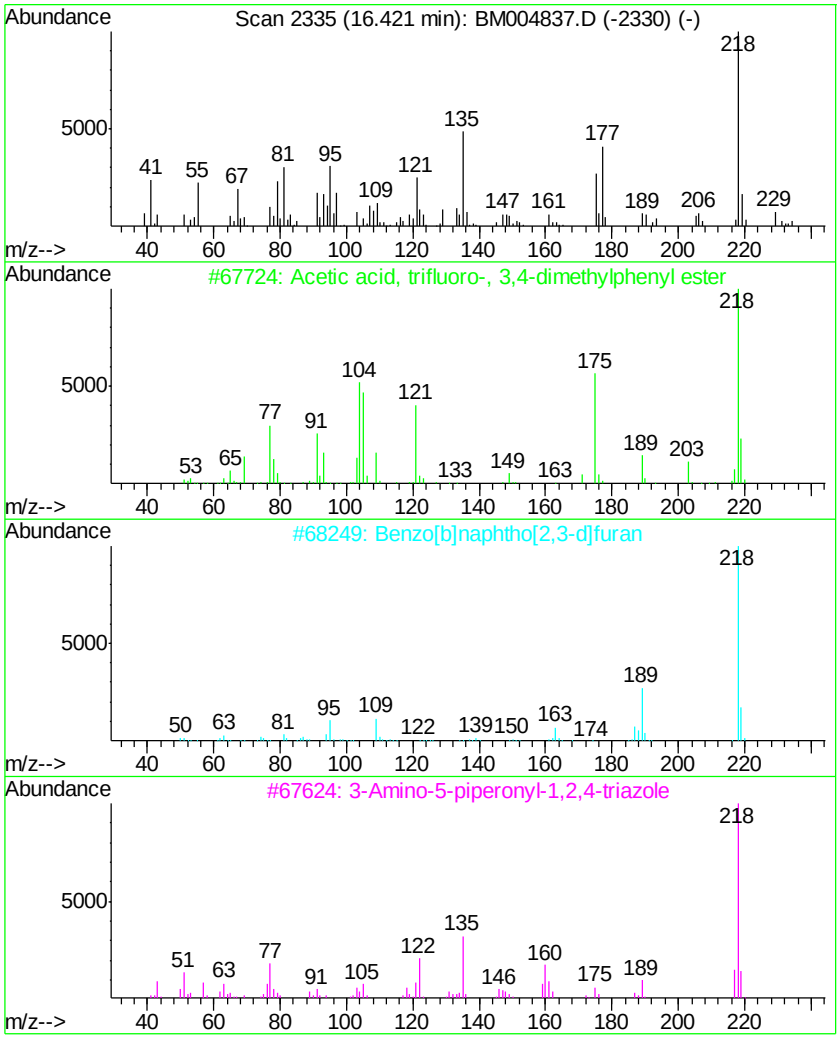
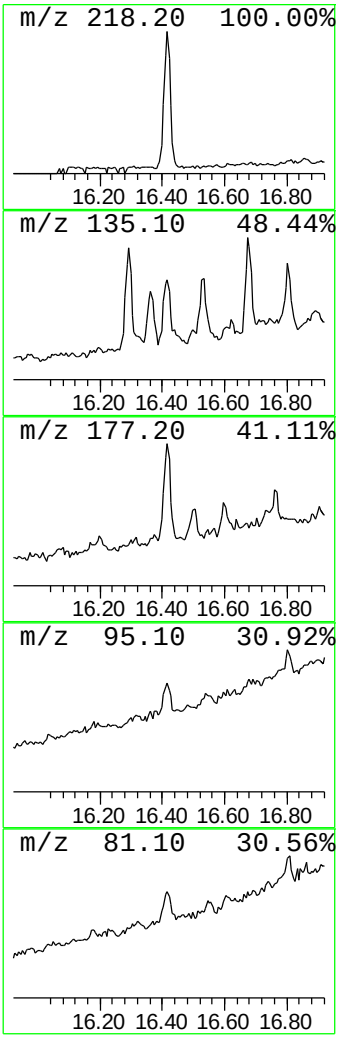
Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.18 ng/ul	100885	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, trifluoro-, 3,4-dim...	218	C10H9F3O2	001957-55-7	38
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	38
3	3-Amino-5-piperonyl-1,2,4-triazole	218	C10H10N4O2	014730-92-8	38
4	Methanone, (3,4-diaminophenyl)-2...	218	C11H10N2OS	083846-78-0	37
5	4-(p-N,N-dimethylaminophenylimin...	218	C13H18N2O	1000100-07-8	35





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SH4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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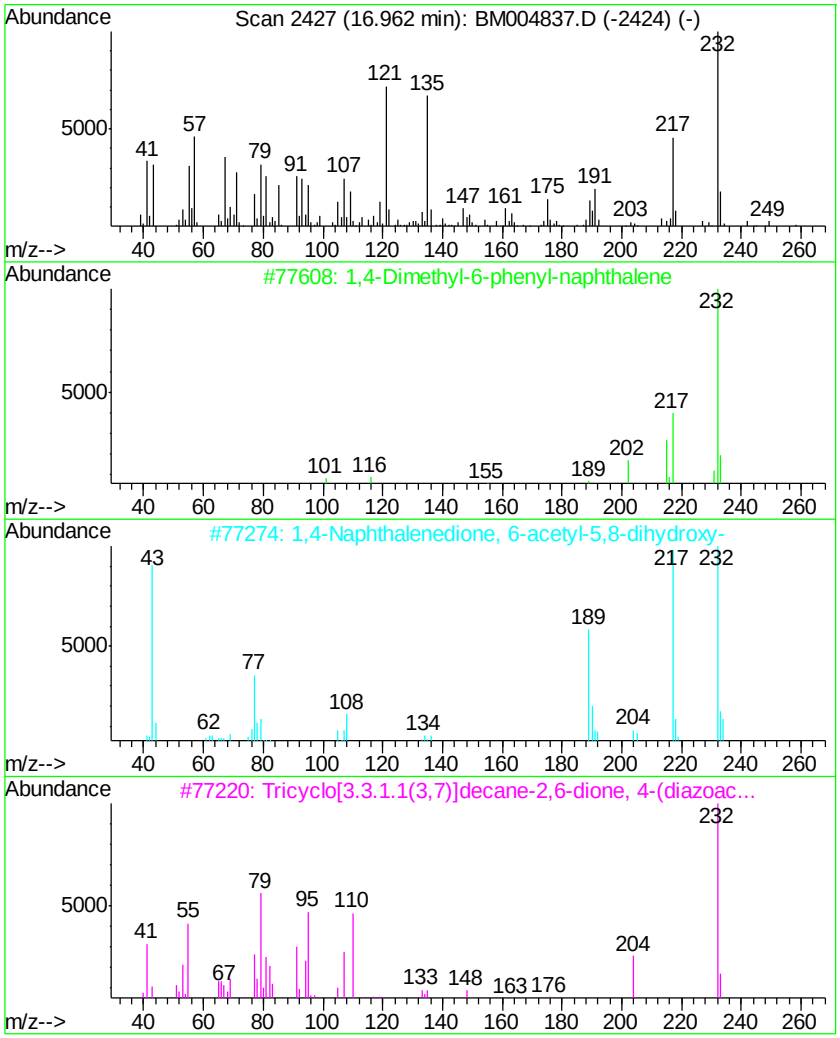
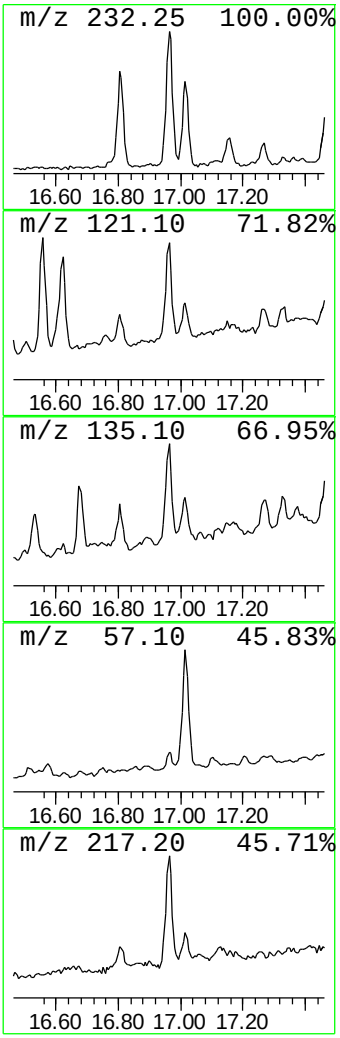
Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	3.01 ng/ul	139125	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-6-phenyl-naphthalene	232	C18H16	051036-93-2	47
2	1,4-Naphthalenedione, 6-acetyl-5...	232	C12H8O5	014090-47-2	43
3	Tricyclo[3.3.1.1(3,7)]decane-2,6...	232	C12H12N2O3	056782-75-3	41
4	Naphtho[1,2-b]furan-2-one, 2,3,3...	264	C15H20O4	1000212-29-3	37
5	1-Methyl-4-p-tolylnaphthalene	232	C18H16	093870-57-6	27





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Operator : UM/SJ
Sample : H1939-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SH4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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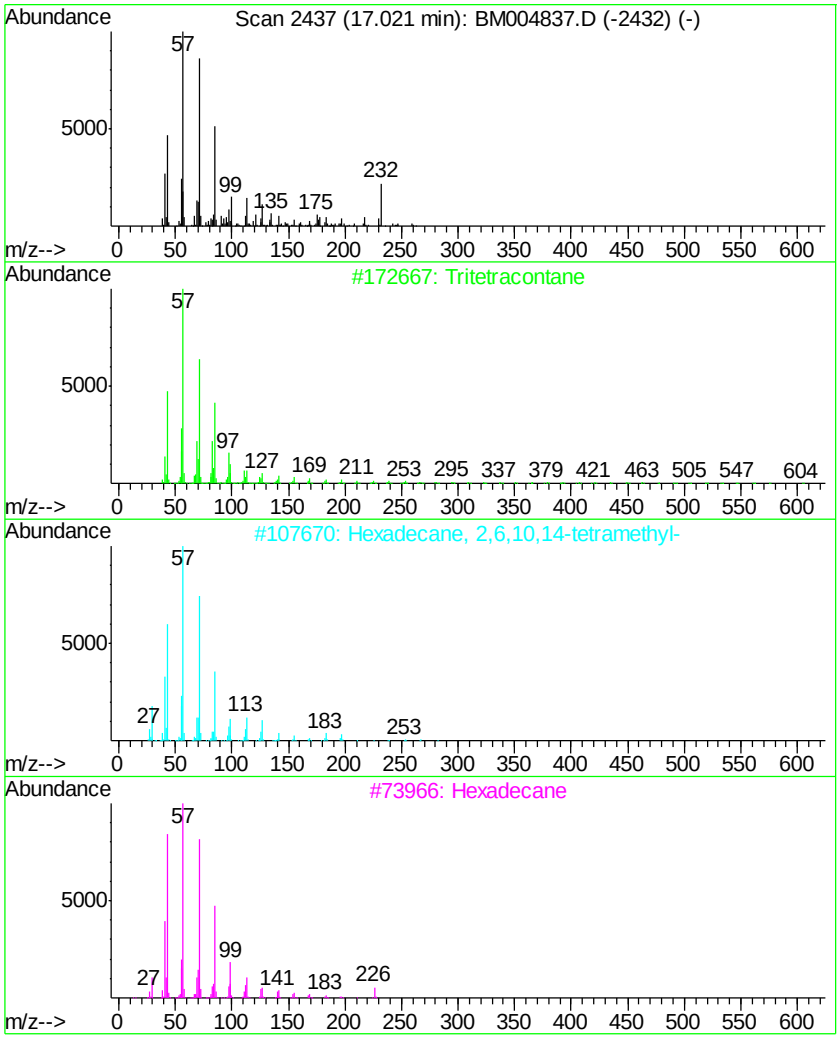
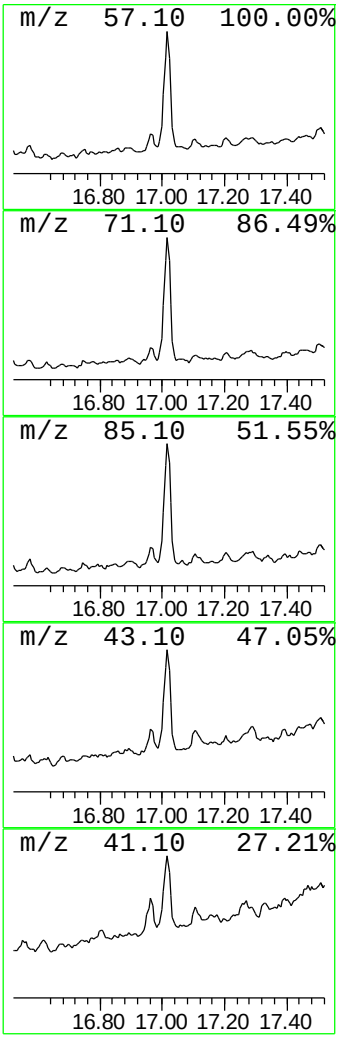
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	7.33 ng/ul	339280	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	80
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
3	Hexadecane	226	C16H34	000544-76-3	74
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3,6-Octatriene,...	6.52	4.6	ng/ul	78499	1	7.83	339522	20.0
(DEL) Alkane: Str...	16.19	3.4	ng/ul	159320	4	17.21	925126	20.0
unknown-01	16.42	2.2	ng/ul	100885	4	17.21	925126	20.0
unknown-02	16.96	3.0	ng/ul	139125	4	17.21	925126	20.0
(DEL) Alkane: Str...	17.02	7.3	ng/ul	339280	4	17.21	925126	20.0