LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004834.D
Acq On : 29 Mar 2016 23:27
Operator : UM/SJ
Sample : H1939-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SH1

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	656	rVB	35435	52685	3.94%	0.420%
2	6.987	725	731	741	rBV	186229	298033	22.30%	2.376%
3	7.157	754	760	771	rVB	156678	236747	17.72%	1.888%
4	7.357	787	794	804	rBV	195281	309390	23.15%	2.467%
5	7.828	867	874	881	rVB	378817	612896	45.87%	4.887%
6	8.522	986	992	1002	rVB	204994	333523	24.96%	2.659%
7	8.981	1063	1070	1078	rBV	176007	284614	21.30%	2.269%
8	9.698	1186	1192	1199	rVB	142795	235880	17.65%	1.881%
9	10.234	1277	1283	1293	rBV	248107	407109	30.47%	3.246%
10	10.616	1341	1348	1356	rBV	561962	951113	71.18%	7.583%
11	10.751	1365	1371	1383	rVB	58739	101935	7.63%	0.813%
12	13.869	1895	1901	1905	rBV	434094	628746	47.05%	5.013%
13	13.916	1905	1909	1916	rVB	199054	287997	21.55%	2.296%
14	14.151	1944	1949	1956	rVB	503884	761190	56.96%	6.069%
15	14.357	1979	1984	1989	rBV	43426	60846	4.55%	0.485%
16	14.463	1989	2002	2011	rBV2	816623	1336248	100.00%	10.654%
17	14.651	2028	2034	2044	rBV	174341	299044	22.38%	2.384%
18	15.310	2142	2146	2149	rBV	61339	82764	6.19%	0.660%
19	15.457	2165	2171	2176	rBV	679138	1017167	76.12%	8.110%
20	15.569	2185	2190	2195	rBV	154134	226690	16.96%	1.807%
21	16.174	2289	2293	2294	rBV	91490	114616	8.58%	0.914%
22	16.198	2294	2297	2302	rVB	162365	222941	16.68%	1.778%
23	16.410	2329	2333	2337	rBV2	167375	269363	20.16%	2.148%
24	16.557	2354	2358	2362	rVB	361789	465835	34.86%	3.714%
25	16.621	2363	2369	2374	rBV2	384251	654158	48.95%	5.216%
26	16.963	2423	2427	2431	rBV	286198	392423	29.37%	3.129%
27	17.210	2464	2469	2474	rVB2	785451	1118018	83.67%	8.914%
28	17.304	2482	2485	2493	rVB2	504360	779990	58.37%	6.219%

Sum of corrected areas: 12541961

LSC Report - Integrated Chromatogram

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Misc :
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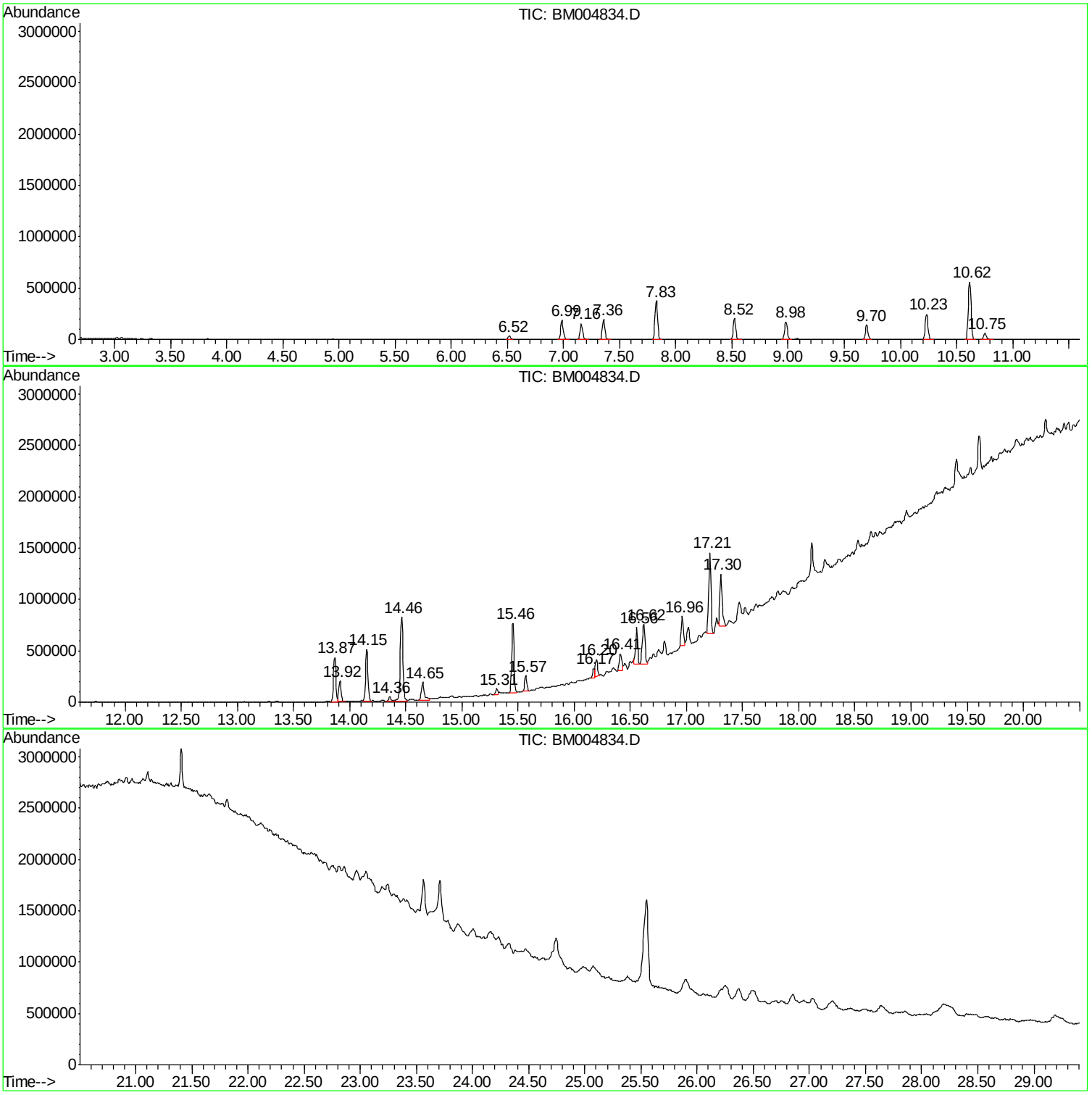
Instrument :
BNA_M
ClientSampleId :
D9SH1

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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Operator : UM/SJ
Sample : H1939-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SH1

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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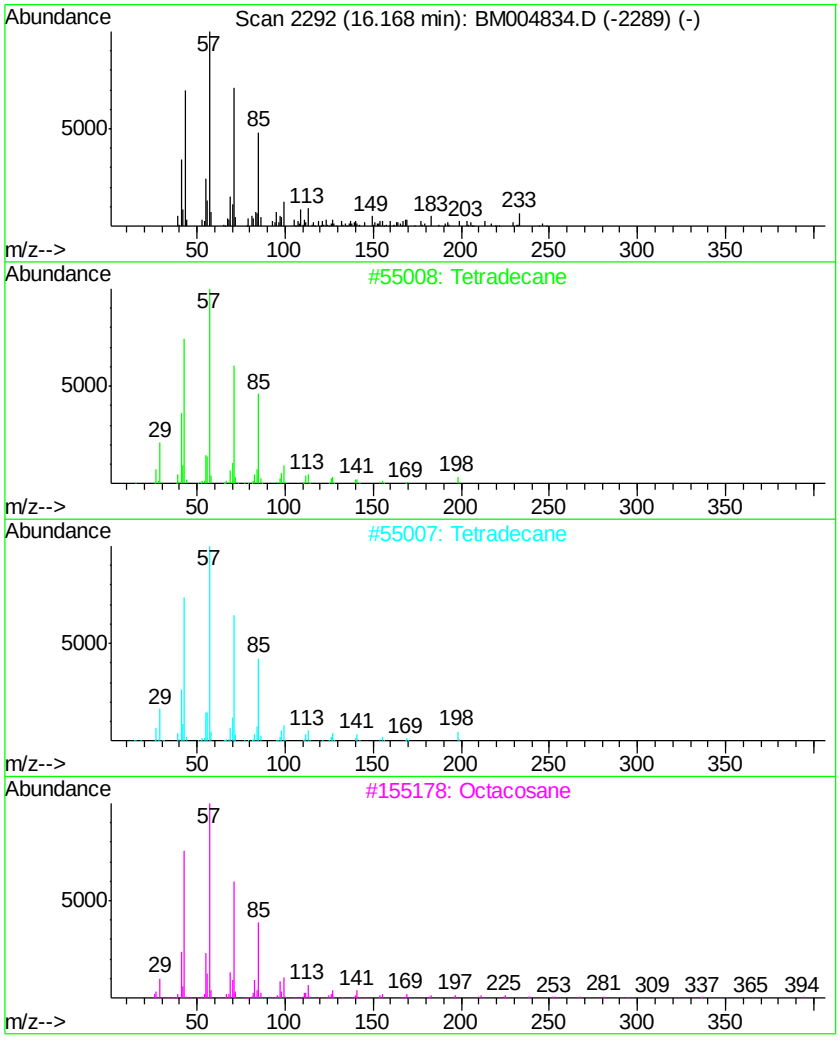
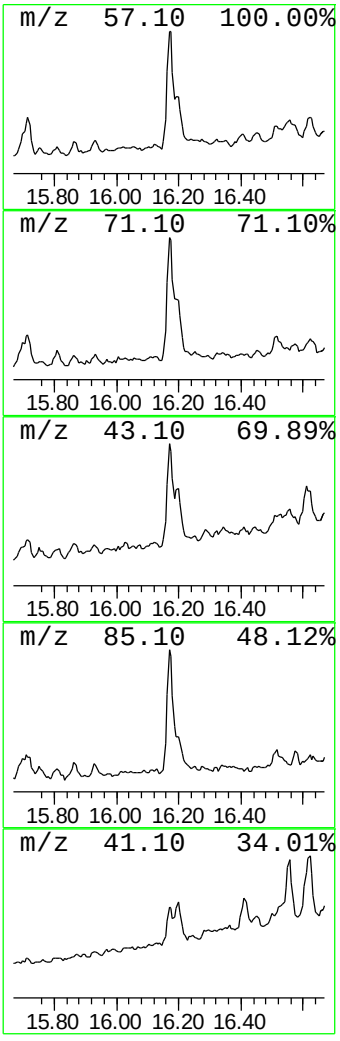
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.05 ng/ul	114616	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Octacosane	394	C28H58	000630-02-4	68
4	10-Methylnonadecane	282	C20H42	056862-62-5	68
5	Heptadecane	240	C17H36	000629-78-7	68





Library Search Compound Report

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Operator : UM/SJ
Sample : H1939-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SH1

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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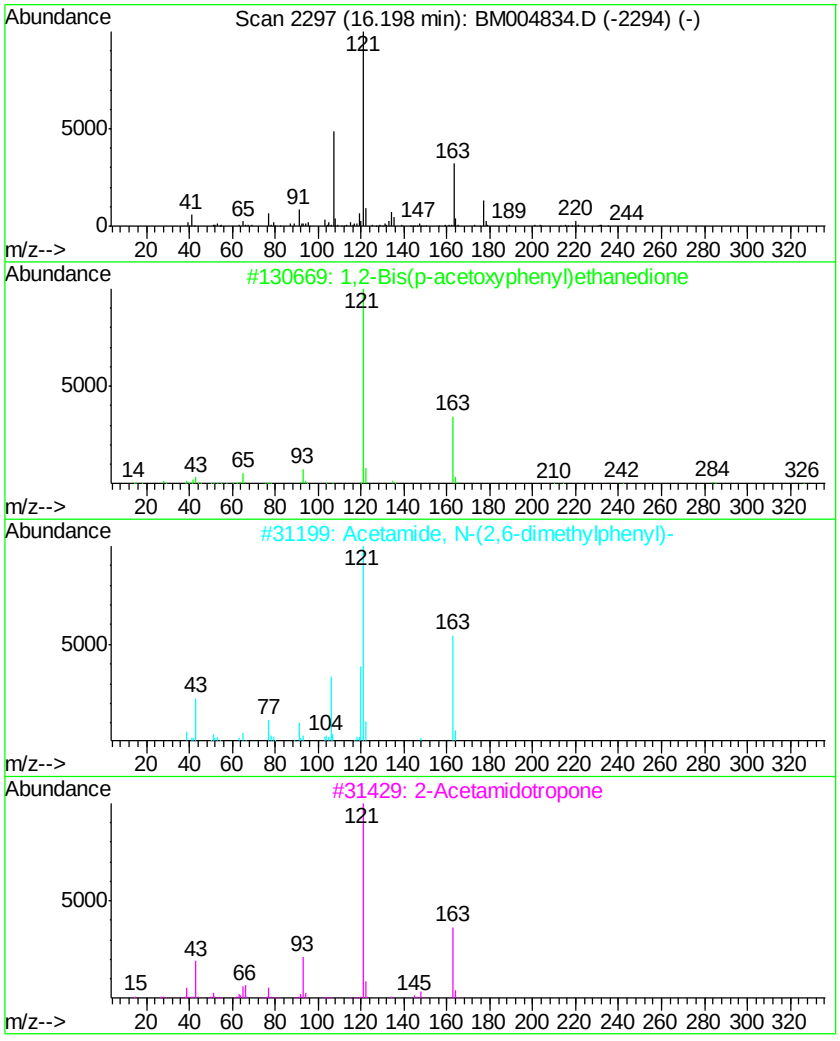
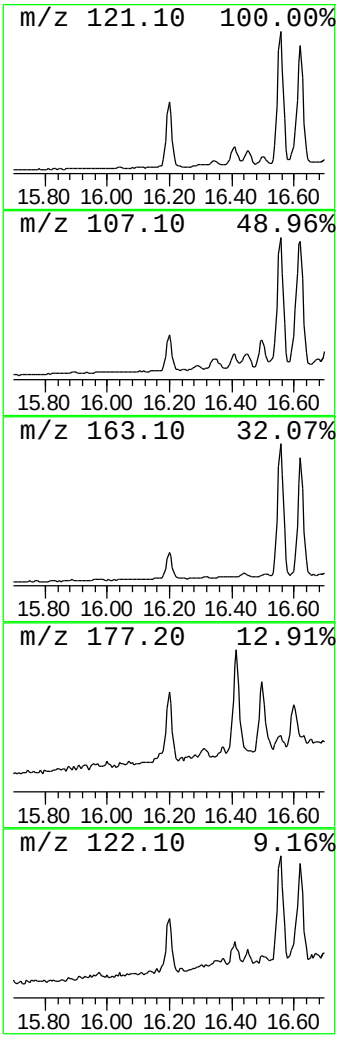
Peak Number 2 1,2-Bis(p-acetoxyphenyl)eth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	3.99 ng/ul	222941	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	50
2	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	50
3	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
4	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	43
5	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	43





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Data File : BM004834.D
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Operator : UM/SJ
Sample : H1939-19
Misc :
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Instrument : BNA_M
ClientSampleId : D9SH1

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TIC Library : C:\DATABASE\NIST02.L
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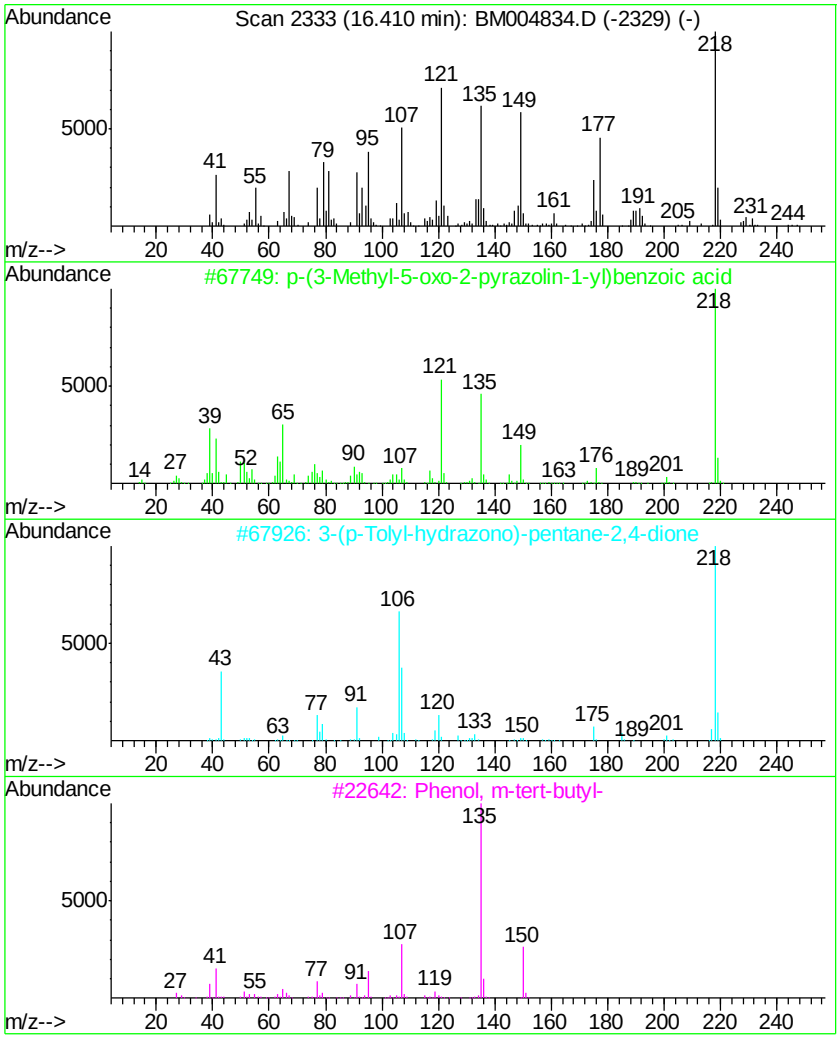
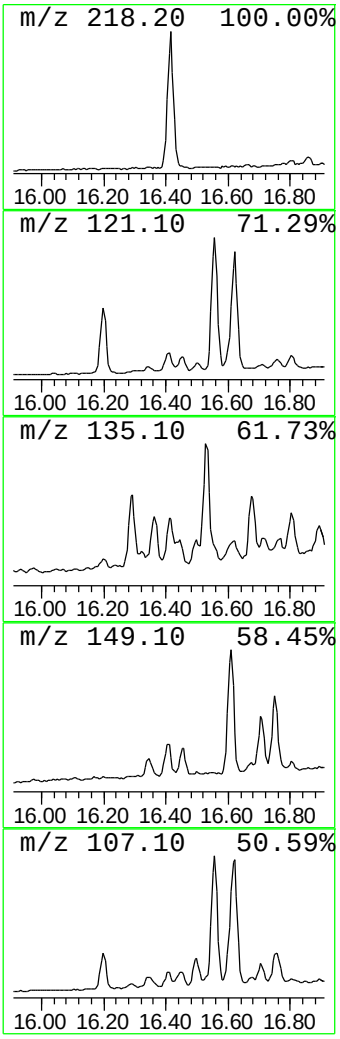
Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	4.82 ng/ul	269363	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-(3-Methyl-5-oxo-2-pyrazolin-1-...	218	C11H10N2O3	060875-16-3	45
2	3-(p-Tolyl-hydrazono)-pentane-2,...	218	C12H14N2O2	1000296-53-8	35
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	30
4	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	25
5	Pyrrolo[2,3-b]indole, 1,2,3,3a,8...	218	C13H18N2O	046479-70-3	25





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Instrument : BNA_M
ClientSampleId : D9SH1

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TIC Library : C:\DATABASE\NIST02.L
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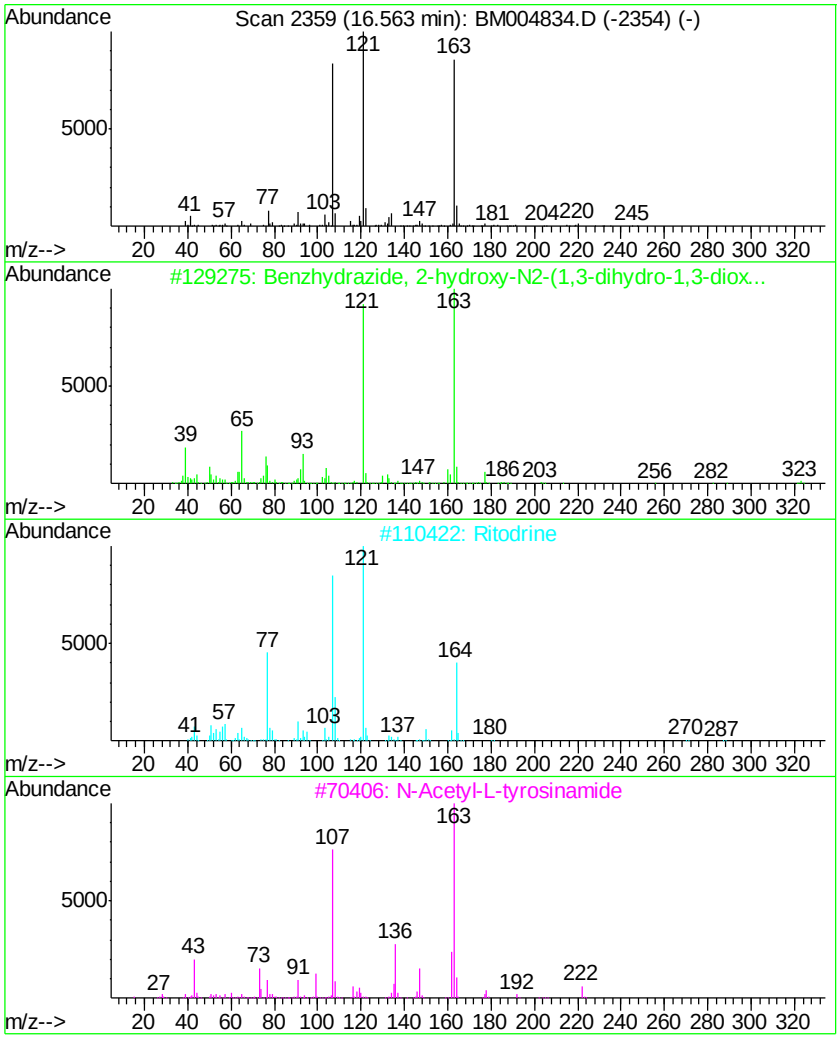
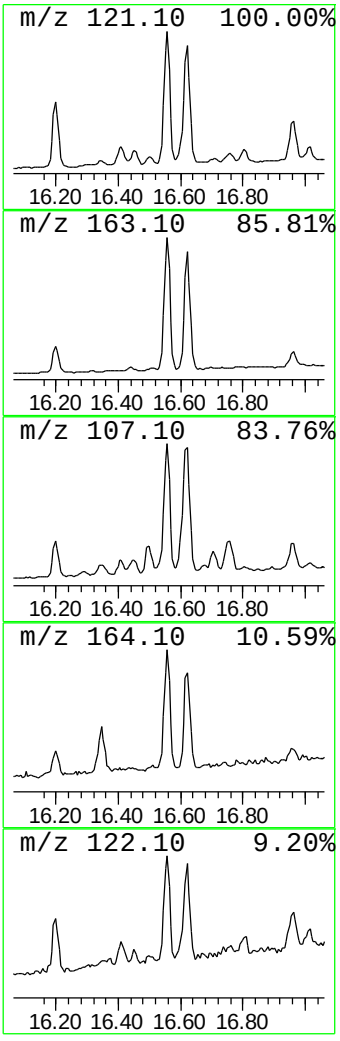
Peak Number 4 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	8.33 ng/ul	465835	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzhydrazide, 2-hydroxy-N2-(1,3...	323	C17H13N3O4	1000265-07-6	40
2	Ritodrine	287	C17H21NO3	026652-09-5	40
3	N-Acetyl-L-tyrosinamide	222	C11H14N2O3	001948-71-6	38
4	N-Acetyl-L-tyrosinamide	222	C11H14N2O3	001948-71-6	32
5	2-Butanone, 4-(4-hydroxyphenyl)-	164	C10H12O2	005471-51-2	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SH1

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TIC Integration Parameters: LSCINT.P

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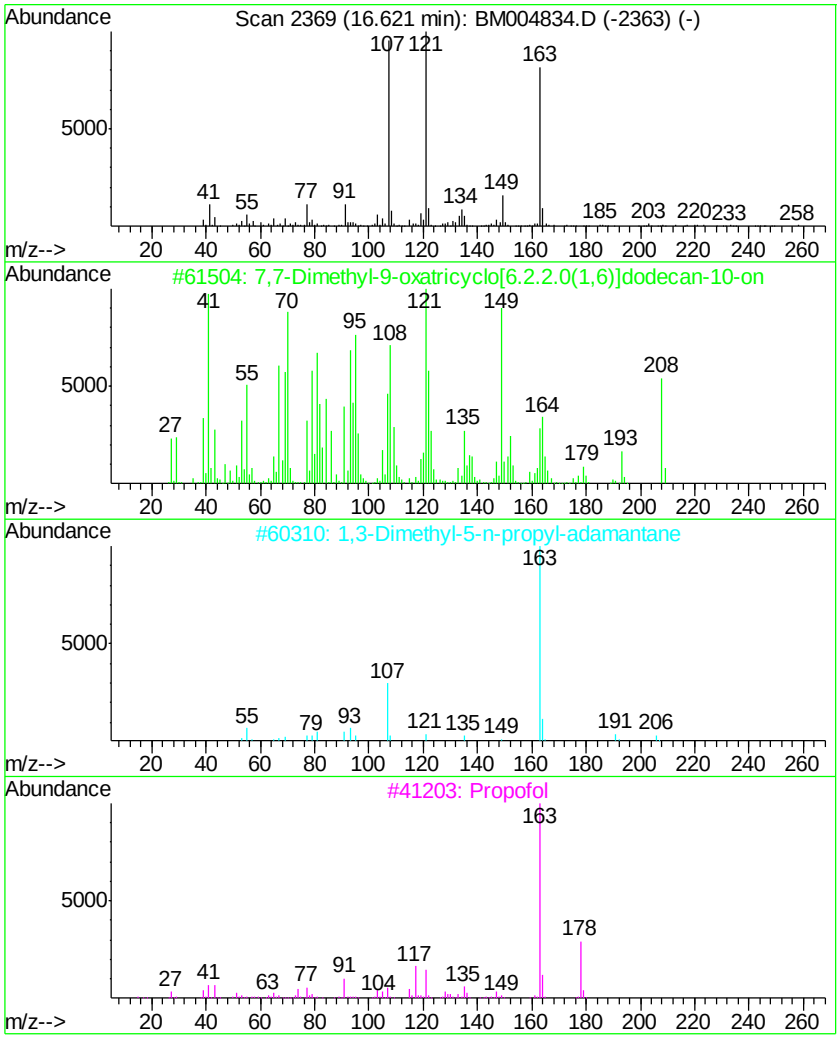
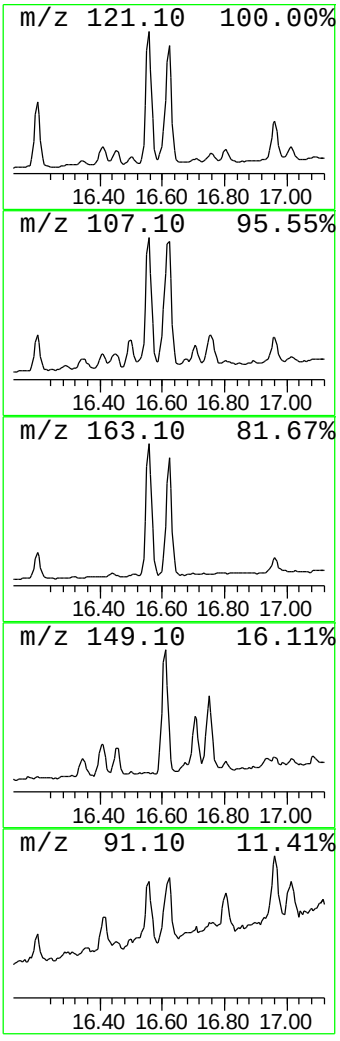
Peak Number 5 7,7-Dimethyl-9-oxatricyclo[... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	11.70 ng/ul	654158	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,7-Dimethyl-9-oxatricyclo[6.2.2...	208	C13H20O2	1000195-13-0	50
2	1,3-Dimethyl-5-n-propyl-adamantane	206	C15H26	019385-87-6	38
3	Propofol	178	C12H18O	002078-54-8	27
4	Benzonitrile, 2,4-dimethoxy-	163	C9H9NO2	004107-65-7	25
5	Benzeneacetic acid, .alpha.,.alp...	209	C10H11NO4	126802-52-6	25





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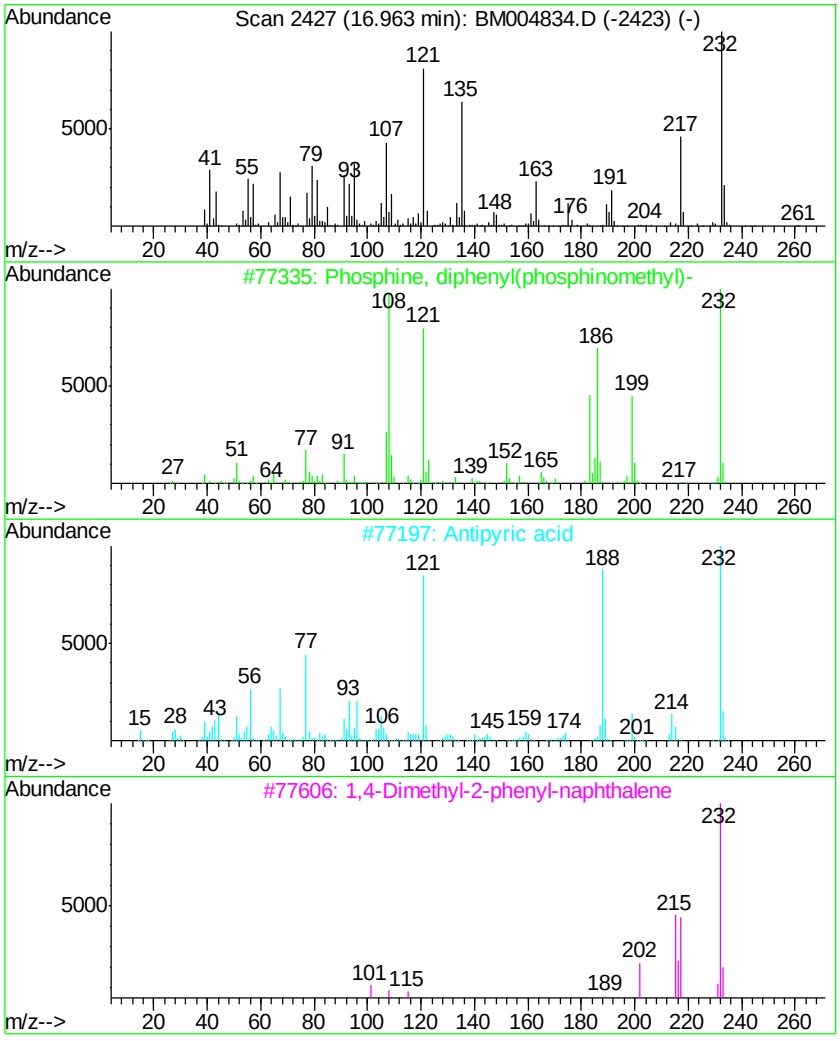
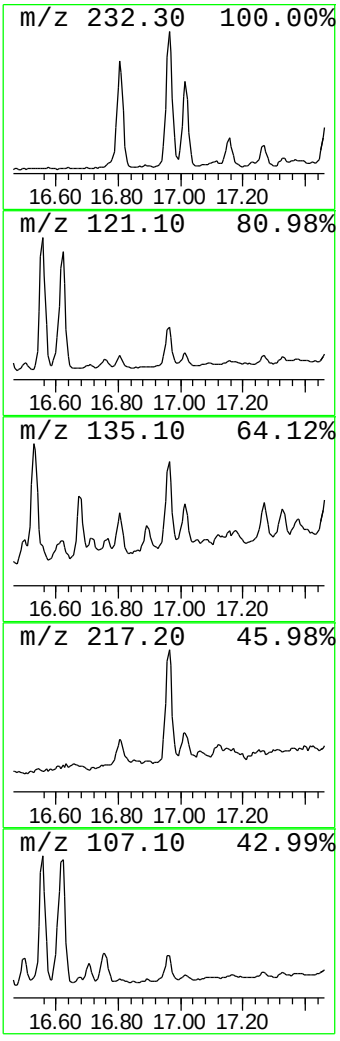
Peak Number 6 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	7.02 ng/ul	392423	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine, diphenyl(phosphinomet...	232	C13H14P2	072797-85-4	46
2	Antipyric acid	232	C12H12N2O3	000083-10-3	45
3	1,4-Dimethyl-2-phenyl-naphthalene	232	C18H16	051036-91-0	27
4	3-(6-Methoxy-3-methyl-2-benzofur...	232	C13H12O4	010410-32-9	25
5	Tricyclo[3.3.1.1(3,7)]decane-2,6...	232	C12H12N2O3	056782-75-3	25





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
(DEL) Alkane: Str...	16.17	2.0	ng/ul	114616	4	17.21	1118020	20.0
1,2-Bis(p-acetoxy...	16.20	4.0	ng/ul	222941	4	17.21	1118020	20.0
unknown-01	16.41	4.8	ng/ul	269363	4	17.21	1118020	20.0
unknown-02	16.56	8.3	ng/ul	465835	4	17.21	1118020	20.0
7,7-Dimethyl-9-ox...	16.62	11.7	ng/ul	654158	4	17.21	1118020	20.0
unknown-03	16.96	7.0	ng/ul	392423	4	17.21	1118020	20.0