LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013698.D
Acq On : 22 Jan 2018 17:37
Operator : SJ/JU
Sample : J1222-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A38

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\SOM-EPA-BM011018.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	6.792	641	647	660	rBV2	710123	1307766	26.36%	2.804%
2	6.957	669	675	683	rVB	559307	845902	17.05%	1.814%
3	7.145	700	707	721	rVB	775746	1221072	24.61%	2.618%
4	7.610	780	786	795	rVB	530272	814260	16.41%	1.746%
5	8.322	900	907	921	rBV	926042	1492130	30.07%	3.199%
6	8.769	975	983	992	rBV	760713	1276142	25.72%	2.736%
7	9.480	1097	1104	1117	rBV	647027	1085624	21.88%	2.328%
8	10.016	1188	1195	1208	rBV	922398	1578254	31.81%	3.384%
9	10.386	1250	1258	1267	rBV	691942	1093720	22.04%	2.345%
10	10.533	1276	1283	1296	rBV	782386	1402260	28.26%	3.006%
11	11.716	1476	1484	1495	rBV	93564	170107	3.43%	0.365%
12	13.680	1810	1818	1822	rBV	1657525	2307376	46.51%	4.947%
13	13.727	1822	1826	1836	rVB	437976	635032	12.80%	1.362%
14	13.951	1857	1864	1872	rBV	1901957	2783597	56.11%	5.968%
15	14.262	1910	1917	1926	rVB2	941466	1425271	28.73%	3.056%
16	14.486	1949	1955	1968	rBV	498552	899925	18.14%	1.929%
17	15.262	2080	2087	2093	rBV	2314928	3281483	66.14%	7.036%
18	15.398	2105	2110	2120	rBV	658618	985676	19.87%	2.113%
19	15.533	2129	2133	2139	rVB4	68815	124734	2.51%	0.267%
20	15.633	2145	2150	2155	rVB	565739	747823	15.07%	1.603%
21	16.009	2209	2214	2220	rBV	468876	690542	13.92%	1.481%
22	16.833	2349	2354	2362	rVB	260165	401475	8.09%	0.861%
23	17.015	2379	2385	2391	rBV	1290457	1780707	35.89%	3.818%
24	17.115	2396	2402	2413	rVB	2597696	3646890	73.51%	7.819%
25	17.439	2453	2457	2462	rVB3	94552	132223	2.67%	0.283%
26	17.915	2535	2538	2542	rBV4	99831	114048	2.30%	0.245%
27	19.056	2729	2732	2741	rVB6	45267	87030	1.75%	0.187%
28	19.209	2754	2758	2761	rBV5	50459	66317	1.34%	0.142%
29	19.303	2769	2774	2776	rBV3	38340	60379	1.22%	0.129%
30	19.327	2776	2778	2783	rVB3	89326	96139	1.94%	0.206%
31	19.415	2787	2793	2802	rBV	3387931	4505331	90.81%	9.660%
32	20.027	2891	2897	2899	rBV7	37210	71598	1.44%	0.154%
33	20.344	2948	2951	2952	rBV3	49022	54406	1.10%	0.117%
34	21.215	3093	3099	3109	rBV	1672115	2332575	47.01%	5.001%

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Title : SVOA CALIBRATION

35	23.274	3442	3449	3462	rVV2	2687284	4961369	100.00%	10.637%
36	23.409	3466	3472	3482	rVB	1150713	2161996	43.58%	4.635%

Sum of corrected areas: 46641179

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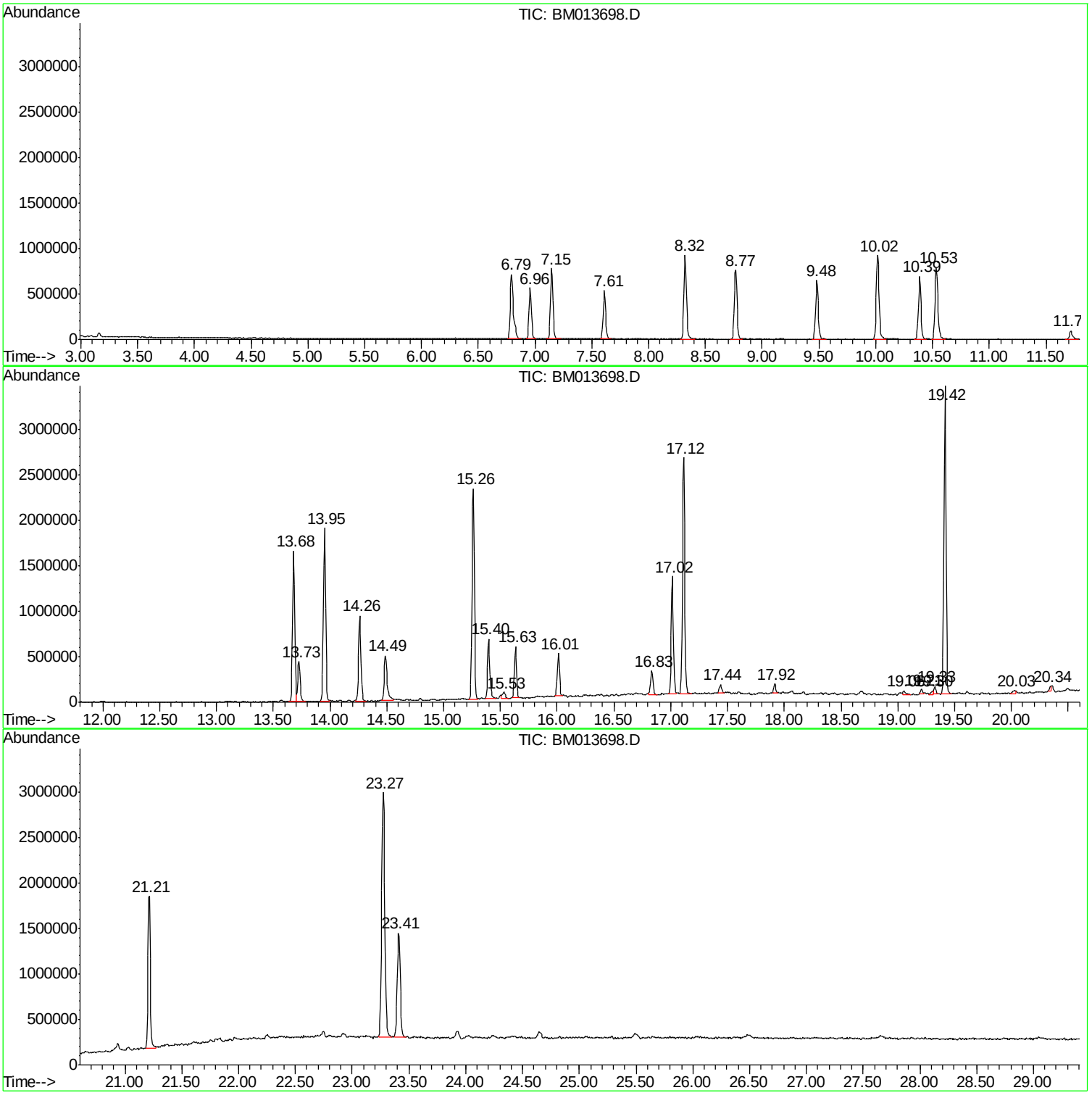
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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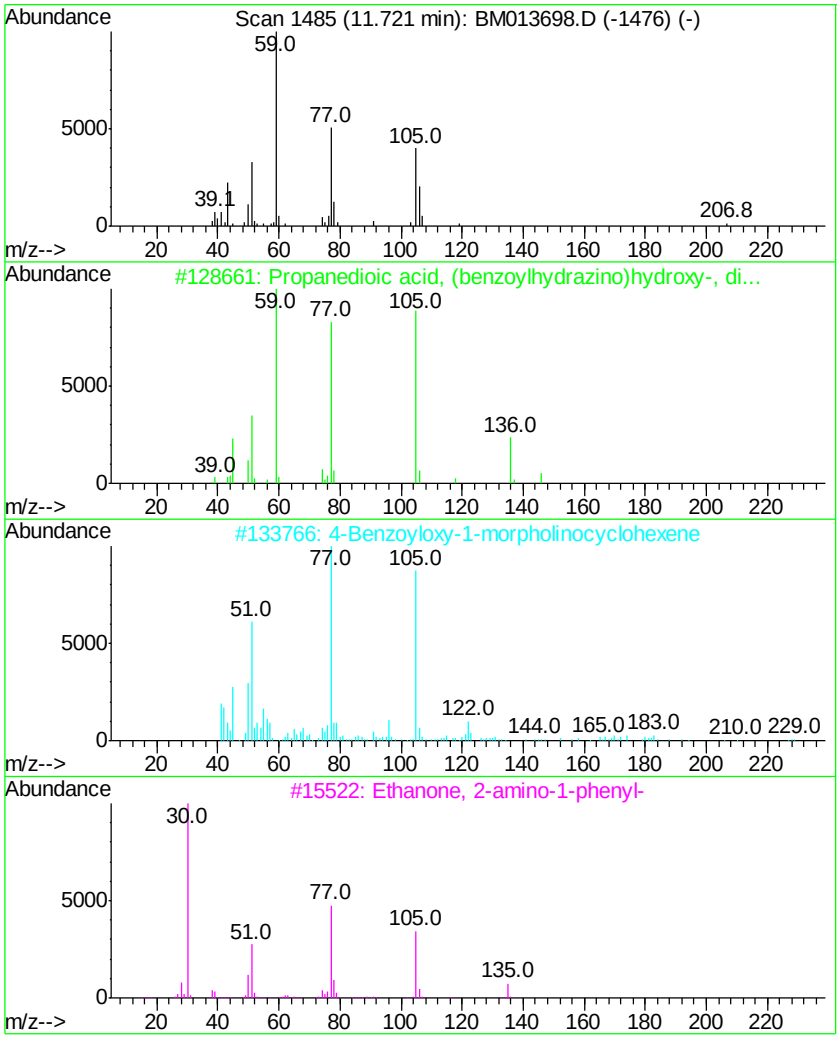
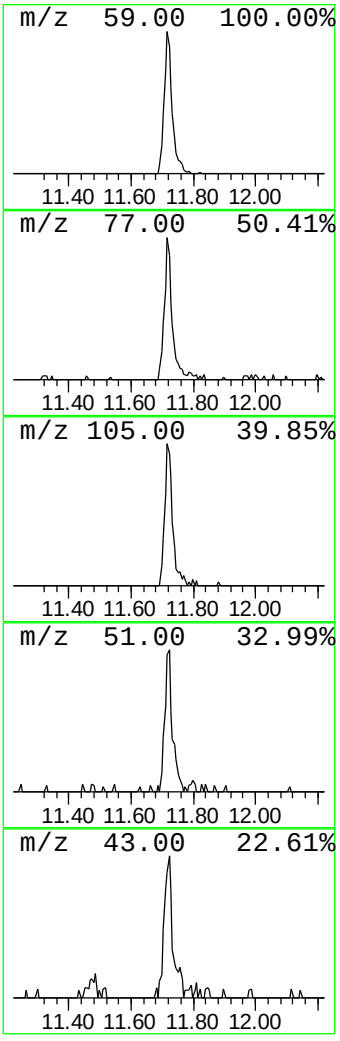
Peak Number 1 Propanedioic acid, (benzoyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.11 ng/ul	170107	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	78
2	4-Benzoyloxy-1-morpholinocyclohe...	287	C17H21NO3	037138-56-0	25
3	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	25
4	s-Hydroxymethylthiobenzoate	168	C8H8O2S	023853-33-0	25
5	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	25





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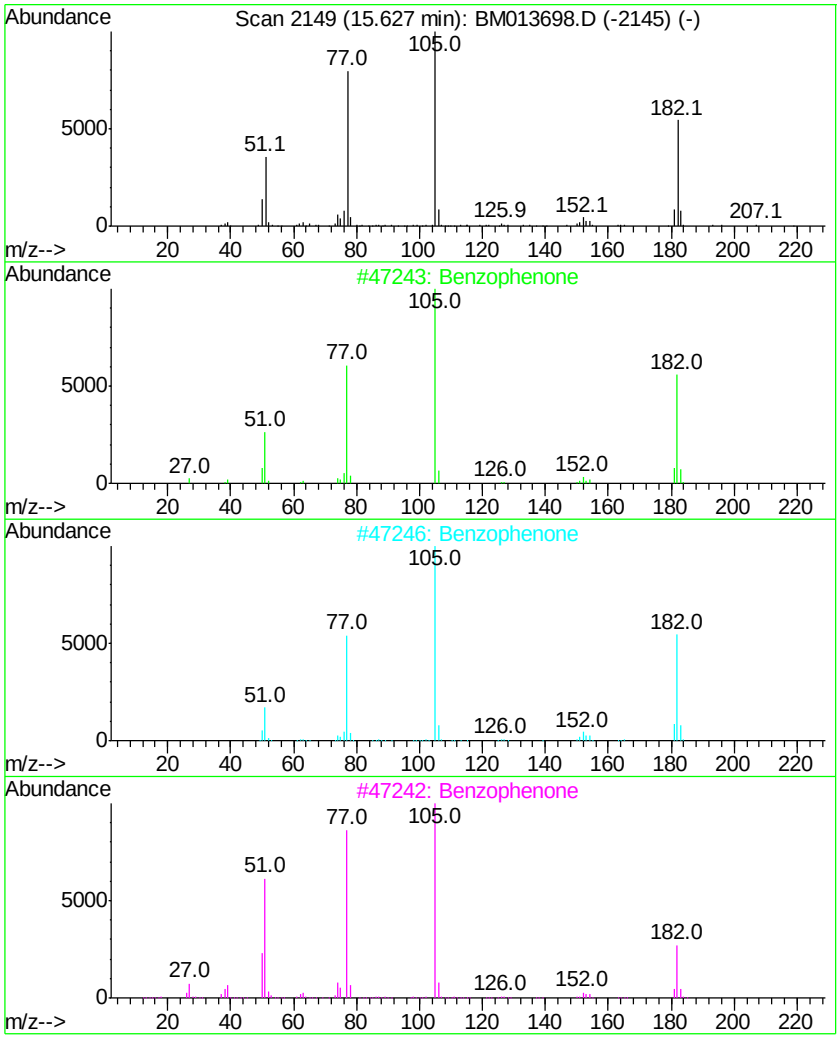
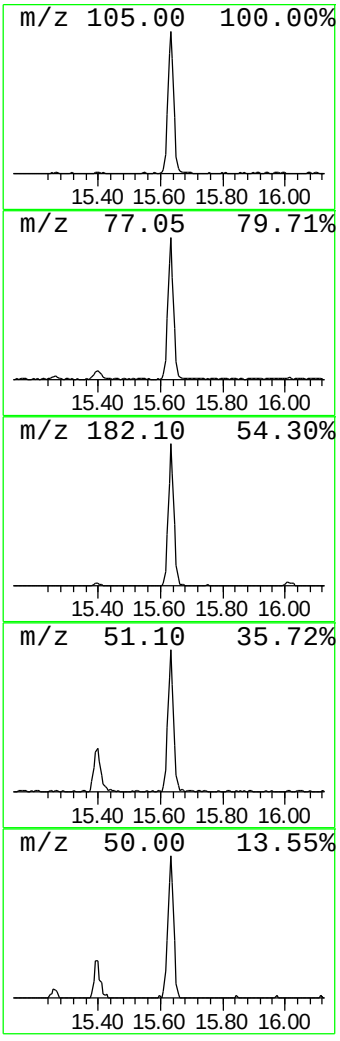
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	10.49 ng/ul	747823	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	97
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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Sample : J1222-18
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Instrument : BNA_M
ClientSampleId : F6A38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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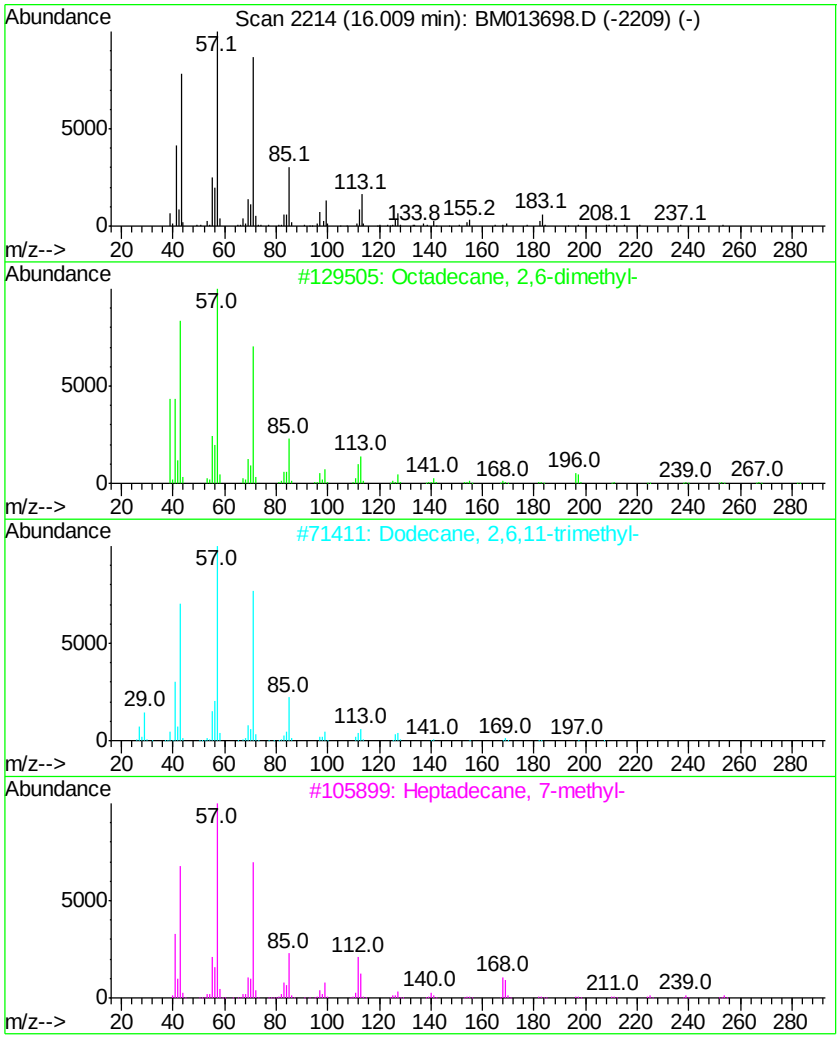
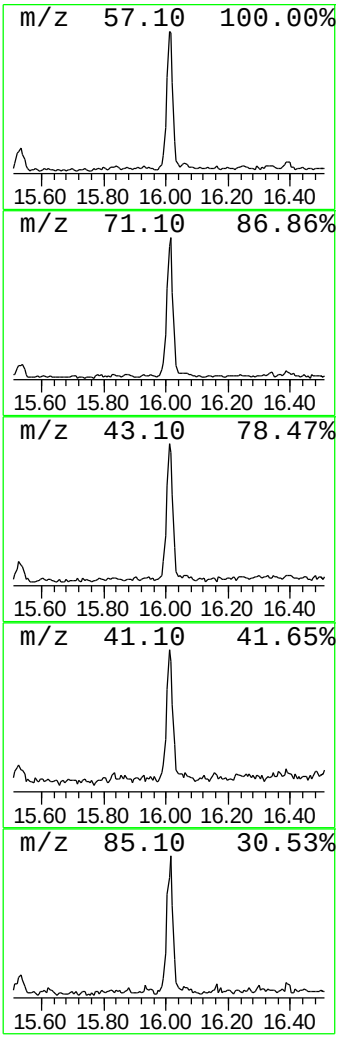
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	7.76 ng/ul	690542	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72





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Quant Title : SVOA CALIBRATION

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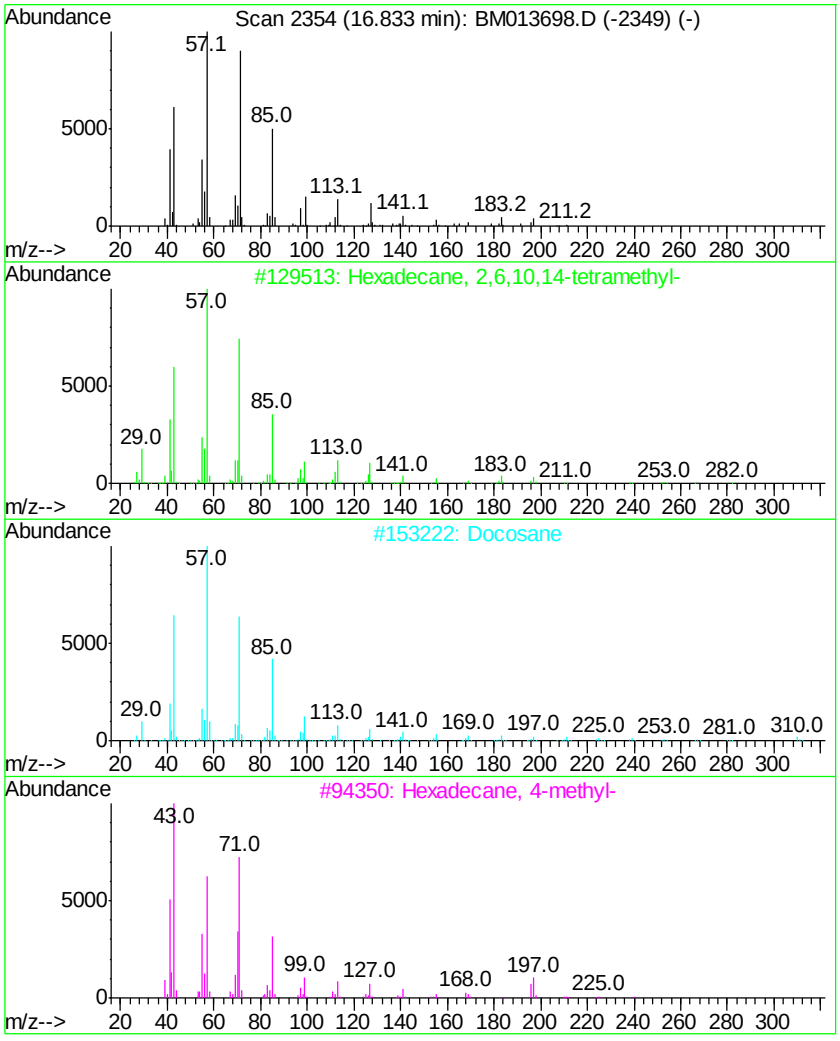
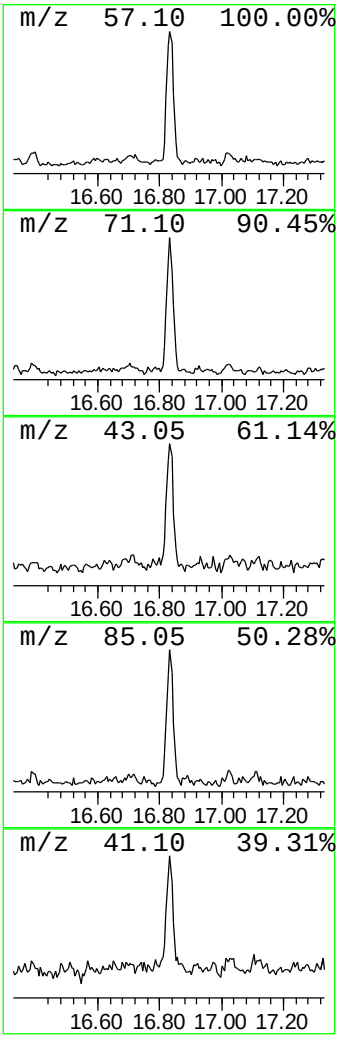
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	4.51 ng/ul	401475	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Docosane	310	C22H46	000629-97-0	90
3	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
ClientSampleId : F6A38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanedioic acid...	11.72	3.1	ng/ul	170107	2	10.39	1093720	20.0
Benzophenone	15.63	10.5	ng/ul	747823	3	14.26	1425270	20.0
(DEL) Alkane: Str...	16.01	7.8	ng/ul	690542	4	17.02	1780710	20.0
(DEL) Alkane: Str...	16.83	4.5	ng/ul	401475	4	17.02	1780710	20.0