

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014926.D
 Acq On : 02 May 2018 17:11
 Operator : SJ/JU
 Sample : J2631-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 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-BM041918.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	3.340	4	9	26	rVB	2785404	3914020	52.00%	3.809%
2	3.640	56	60	68	rVB	118924	171709	2.28%	0.167%
3	5.481	367	373	382	rBV2	105040	171812	2.28%	0.167%
4	6.504	541	547	556	rBV	84478	148902	1.98%	0.145%
5	7.616	729	736	750	rBV	1962154	3394370	45.10%	3.303%
6	7.798	760	767	780	rVB	1588689	2478645	32.93%	2.412%
7	8.010	796	803	812	rBV	1982037	3299654	43.84%	3.211%
8	8.492	878	885	898	rVV	1421915	2359475	31.35%	2.296%
9	8.622	902	907	913	rVB	48850	76427	1.02%	0.074%
10	9.192	997	1004	1015	rBV	2243297	3682396	48.92%	3.583%
11	9.675	1077	1086	1094	rBV	1828668	3108787	41.30%	3.025%
12	10.404	1203	1210	1222	rBV	1471521	2461293	32.70%	2.395%
13	10.939	1294	1301	1313	rBV	2207847	3757249	49.92%	3.656%
14	11.339	1360	1369	1382	rBV	1859697	3255551	43.25%	3.168%
15	11.463	1382	1390	1406	rBV	2096989	3681993	48.92%	3.583%
16	14.492	1895	1905	1909	rBV	3538306	4920501	65.37%	4.788%
17	14.533	1909	1912	1918	rVB	537676	740623	9.84%	0.721%
18	14.798	1950	1957	1969	rBV	4128402	6156337	81.79%	5.990%
19	14.951	1977	1983	1988	rVB	211468	259583	3.45%	0.253%
20	15.098	2001	2008	2016	rVB2	2408711	3753116	49.86%	3.652%
21	15.257	2028	2035	2049	rBV	1403970	2184228	29.02%	2.125%
22	15.886	2138	2142	2147	rVB	291791	377788	5.02%	0.368%
23	16.074	2167	2174	2181	rBV	4906357	7167105	95.22%	6.974%
24	16.174	2185	2191	2203	rBV	1304561	1857564	24.68%	1.807%
25	16.292	2203	2211	2213	rBV	72494	154596	2.05%	0.150%
26	16.510	2244	2248	2256	rVB4	48216	79211	1.05%	0.077%
27	16.739	2282	2287	2297	rBV	244534	408496	5.43%	0.397%
28	17.521	2416	2420	2424	rBV	115767	137347	1.82%	0.134%
29	17.810	2463	2469	2475	rBV2	2614900	3906540	51.90%	3.801%
30	17.909	2480	2486	2496	rVV	5001420	7157979	95.10%	6.965%
31	18.639	2605	2610	2632	rBV	868846	1408053	18.71%	1.370%
32	19.739	2794	2797	2800	rBV2	69007	94877	1.26%	0.092%
33	19.880	2817	2821	2831	rBV	420143	615640	8.18%	0.599%
34	20.039	2845	2848	2855	rVB	66374	94430	1.25%	0.092%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

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35	20.151	2861	2867	2876	rBV	5738166	7526830	100.00%	7.324%
36	21.556	3102	3106	3116	rBV	1449504	2041359	27.12%	1.986%
37	21.768	3138	3142	3147	rBV	420468	476691	6.33%	0.464%
38	21.897	3159	3164	3171	rBV	2771618	3869998	51.42%	3.766%
39	24.221	3552	3559	3577	rVB	3651948	7460537	99.12%	7.259%
40	24.380	3579	3586	3604	rVB	1853716	3958217	52.59%	3.852%

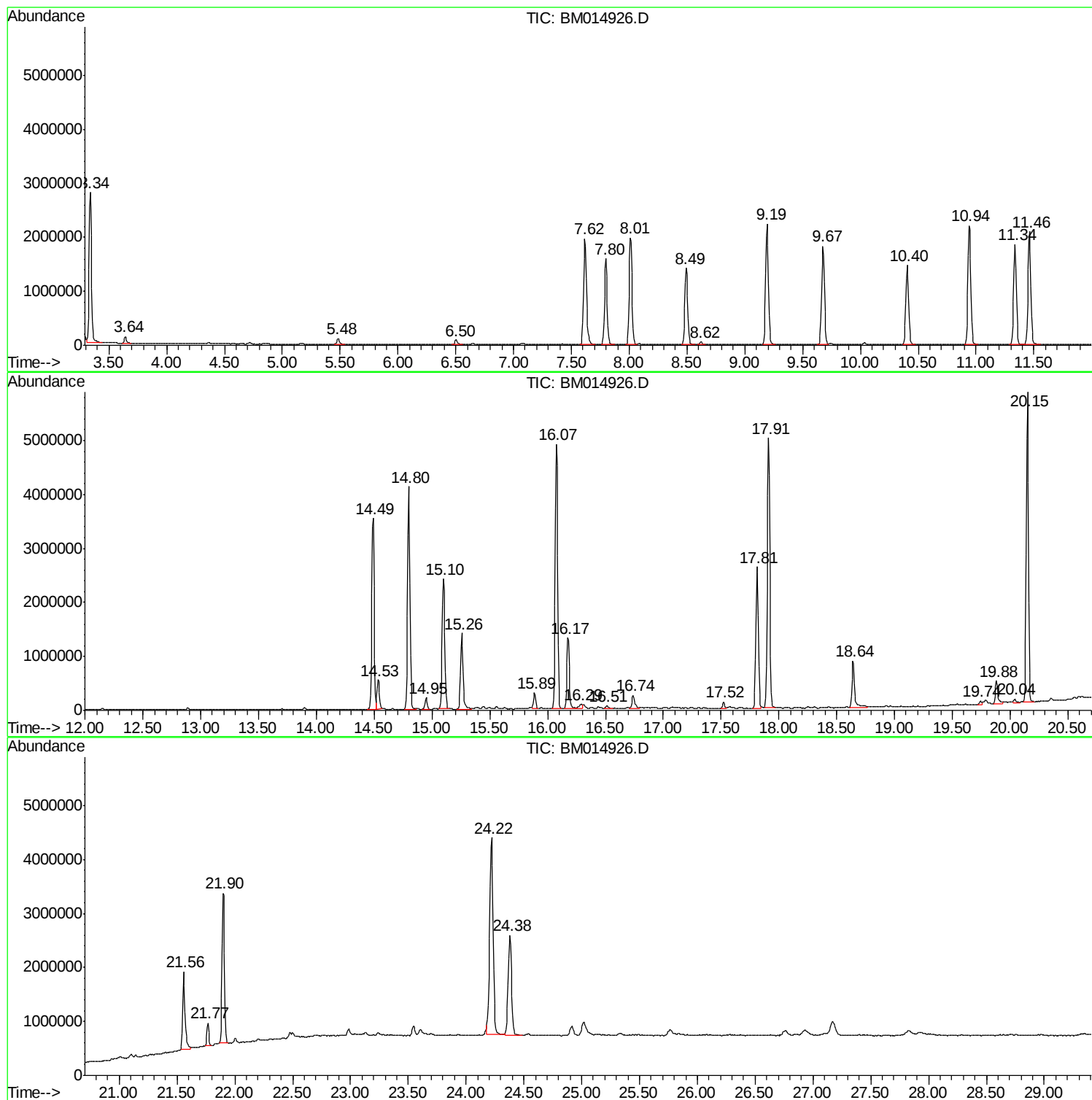
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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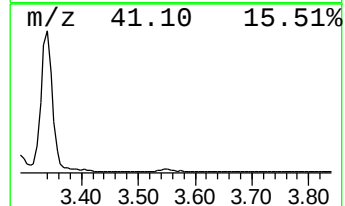
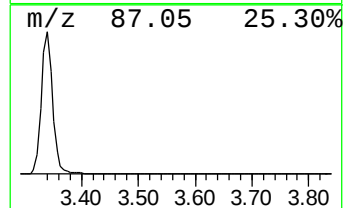
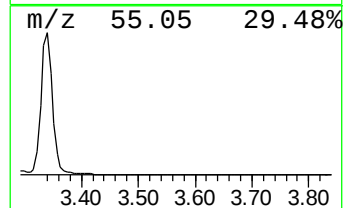
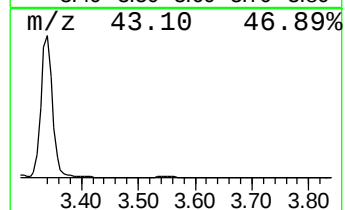
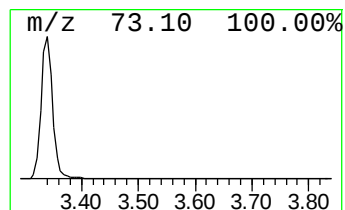
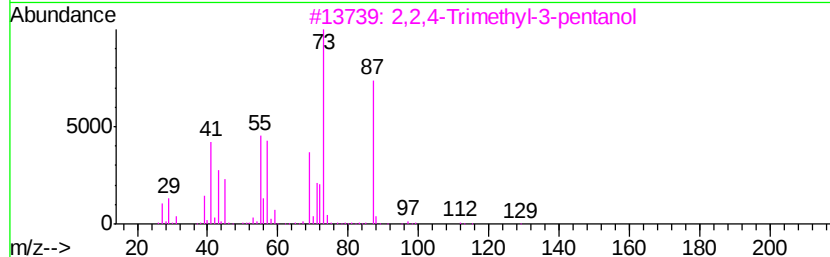
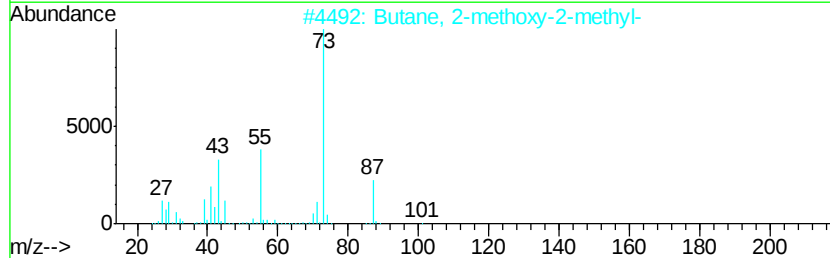
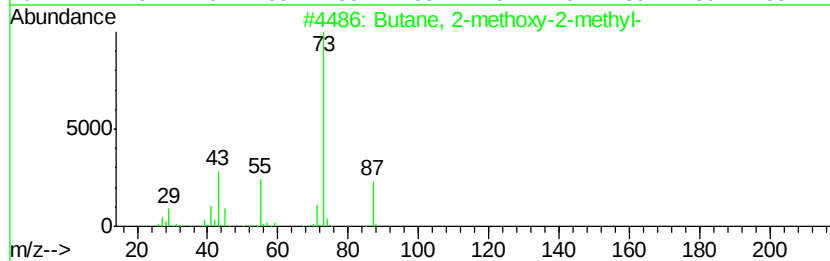
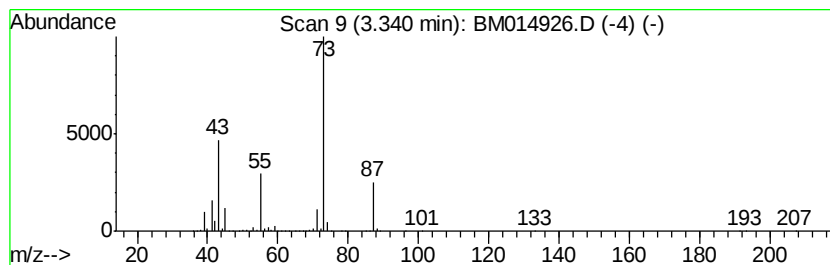
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	33.18 ng/ul	3914020	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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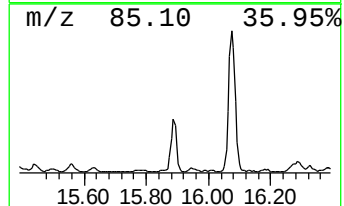
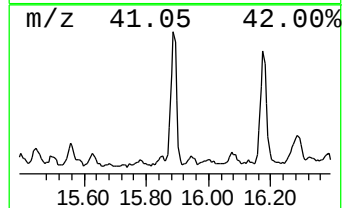
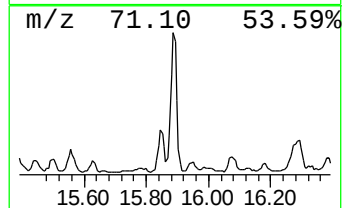
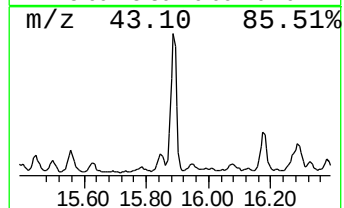
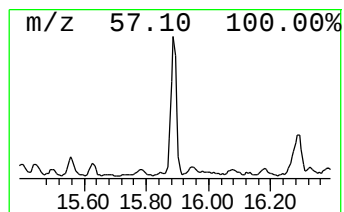
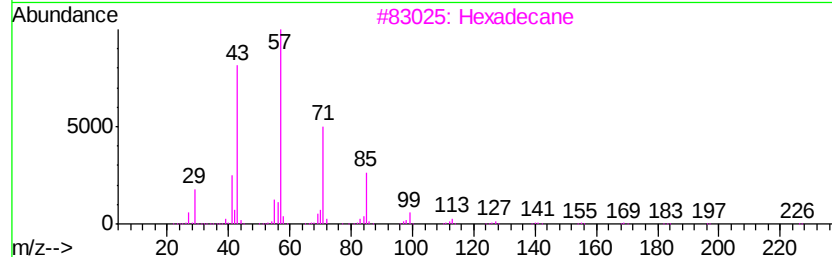
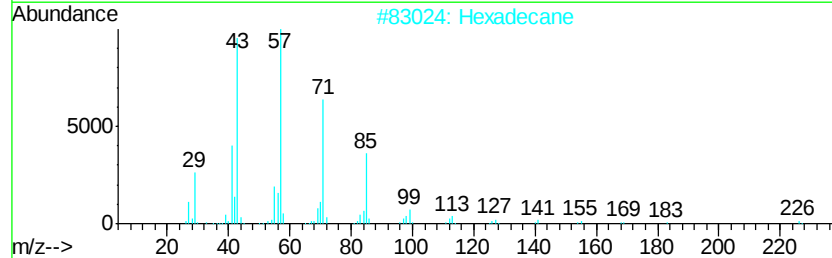
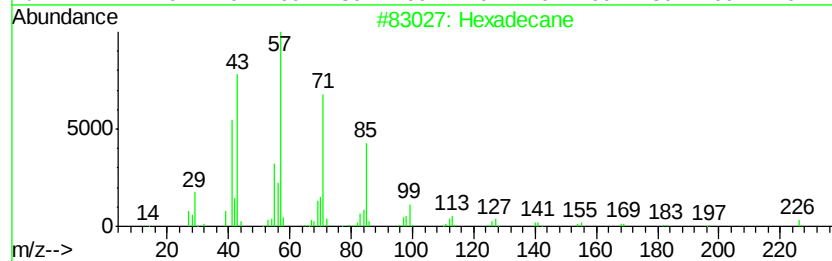
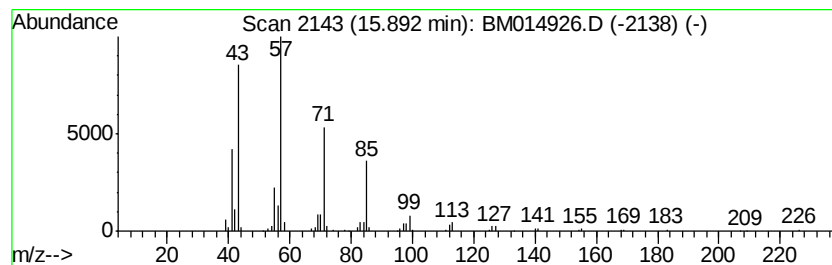
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.01 ng/ul	377788	Acenaphthene-d10	15.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane			226	C16H34	000544-76-3	94
2	Hexadecane			226	C16H34	000544-76-3	93
3	Hexadecane			226	C16H34	000544-76-3	91
4	Tridecane			184	C13H28	000629-50-5	90
5	Tridecane			184	C13H28	000629-50-5	86



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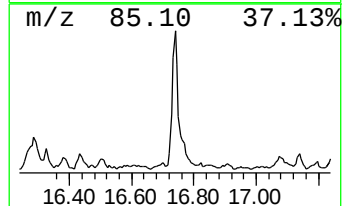
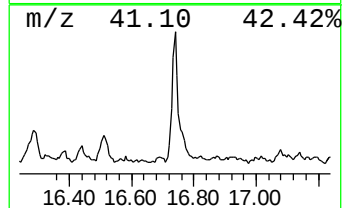
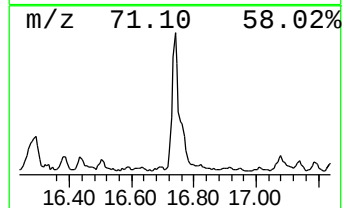
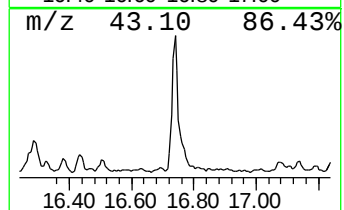
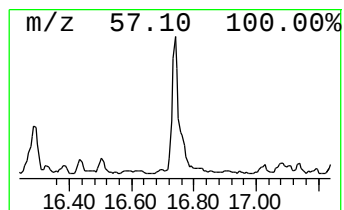
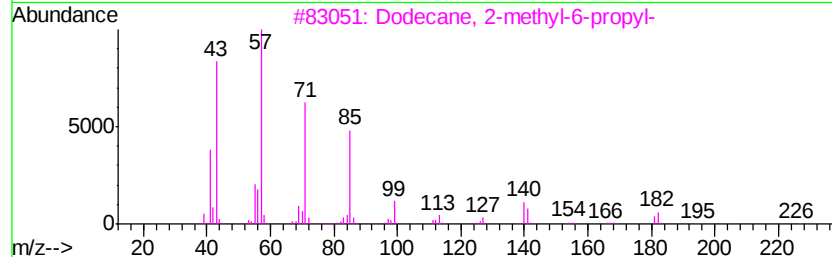
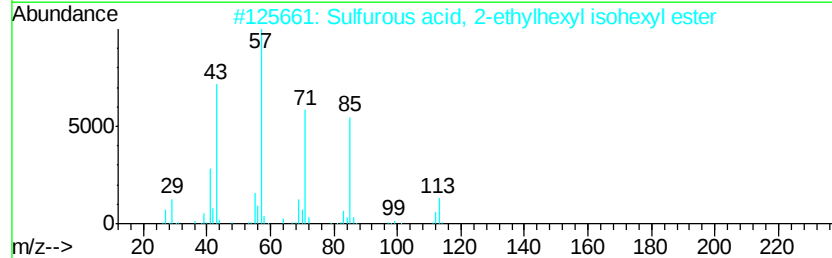
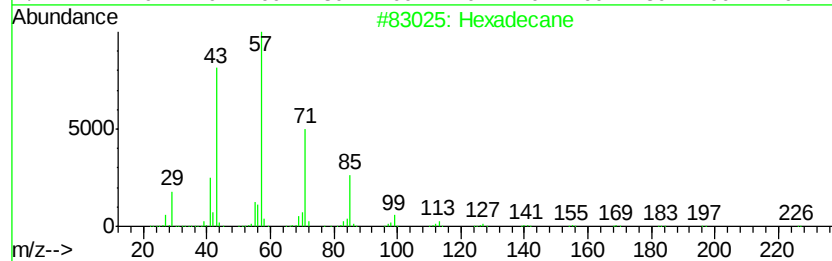
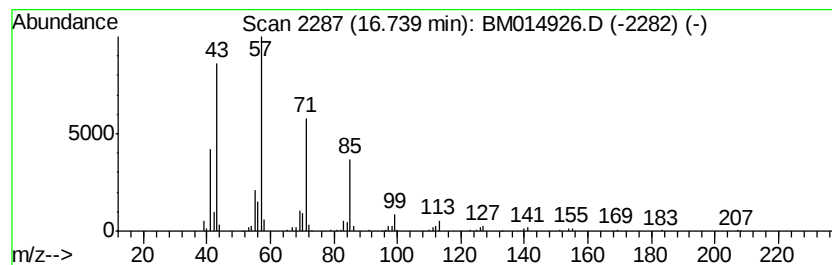
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.09 ng/ul	408496	Phenanthrene-d10	17.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	86



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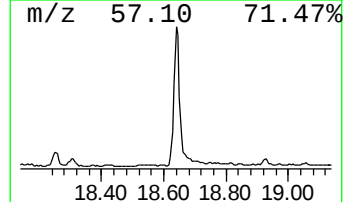
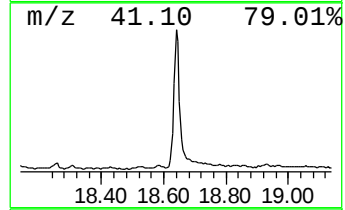
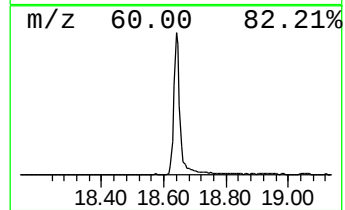
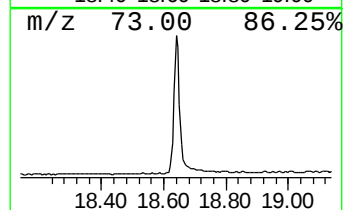
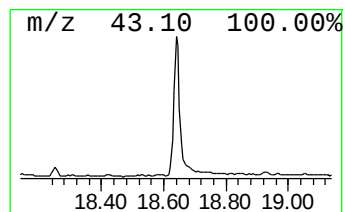
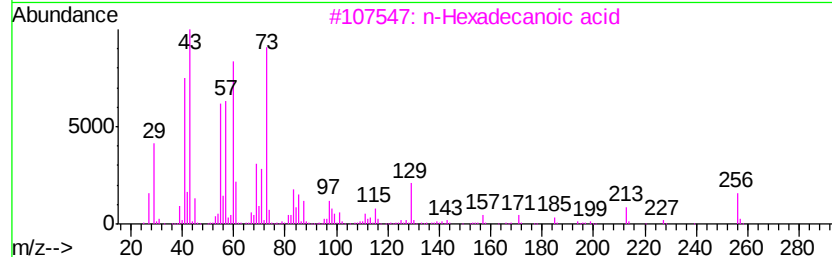
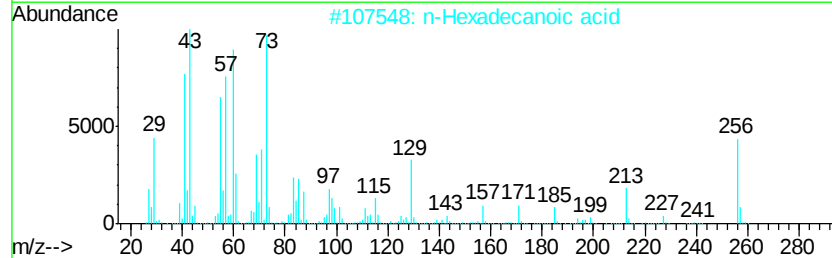
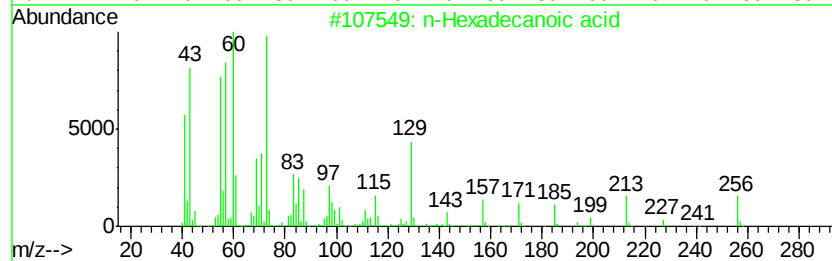
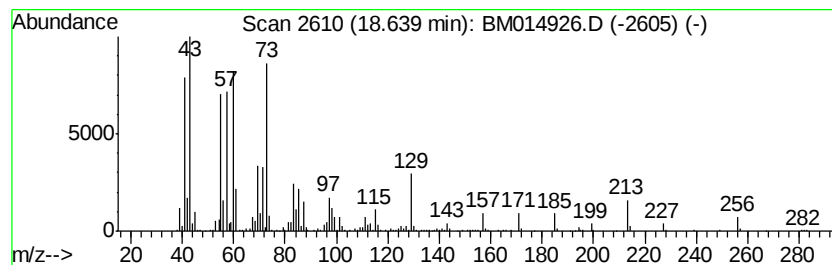
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	7.21 ng/ul	1408050	Phenanthrene-d10	17.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	



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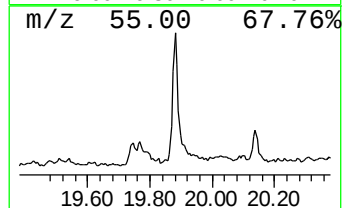
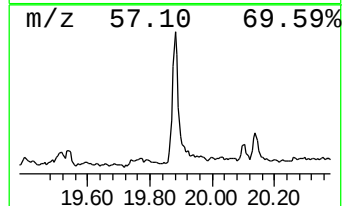
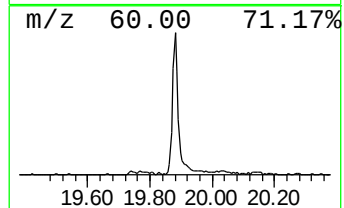
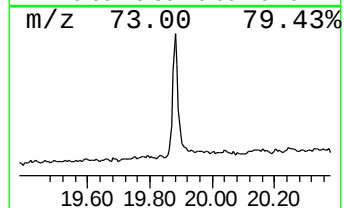
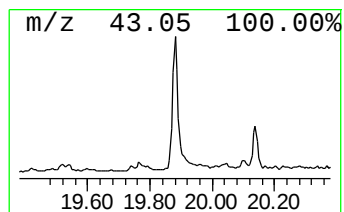
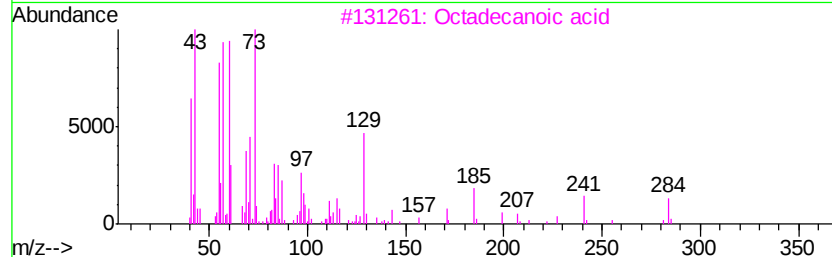
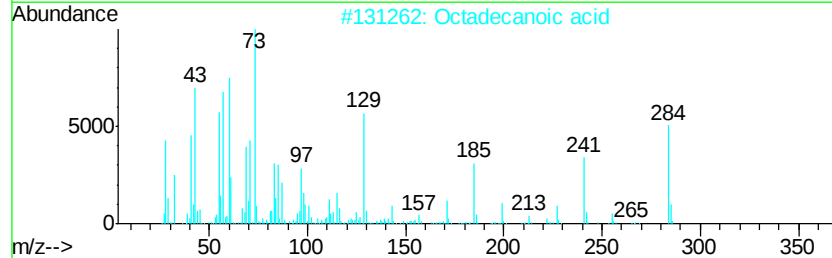
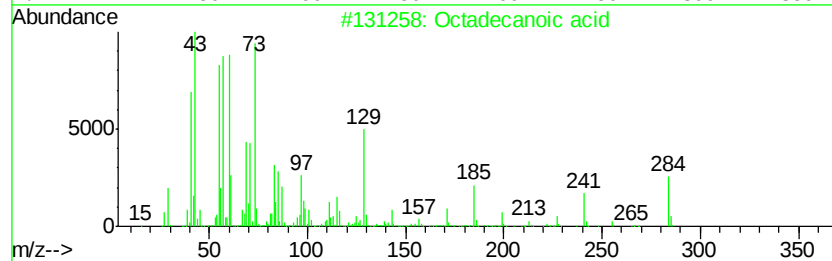
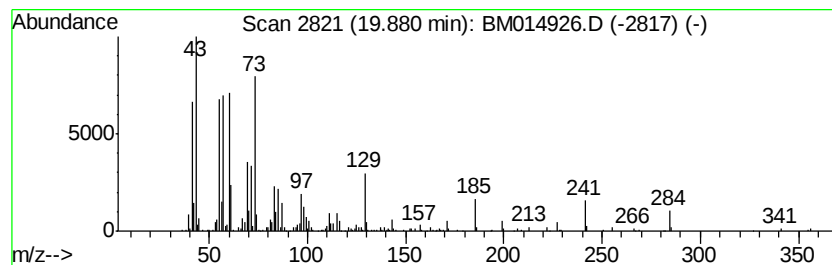
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Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.88	3.18 ng/ul	615640	Chrysene-d12		21.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	95
5			Octadecanoic acid	284	C18H36O2	000057-11-4	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014926.D
Acq On : 02 May 2018 17:11
Operator : SJ/JU
Sample : J2631-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

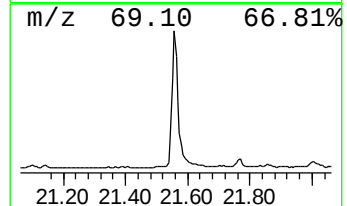
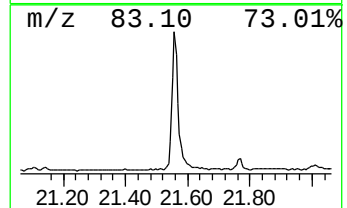
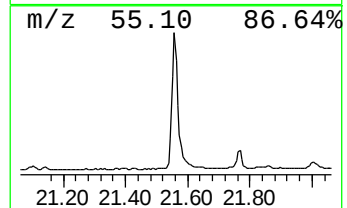
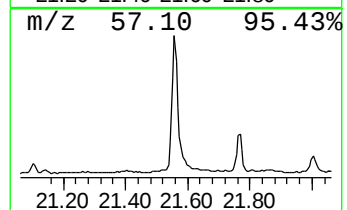
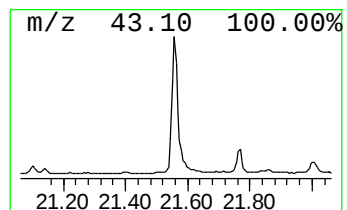
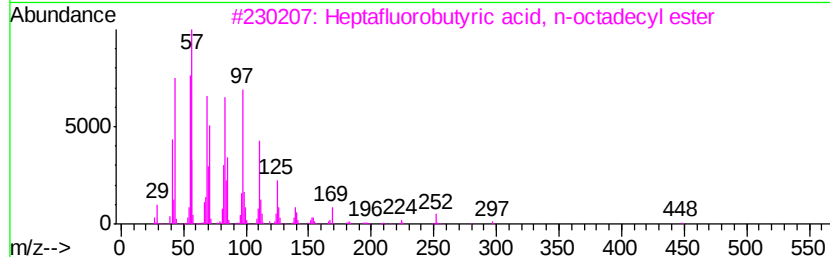
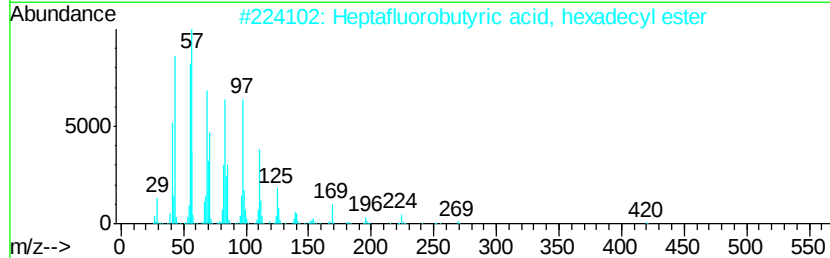
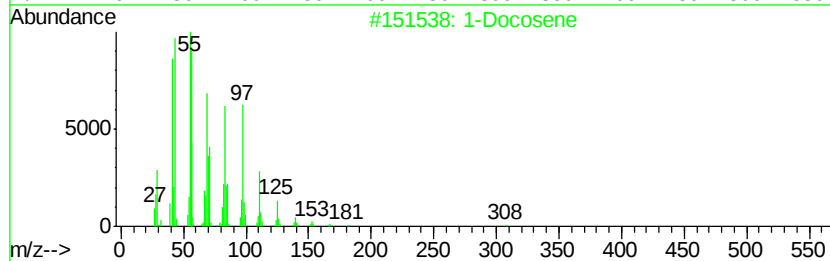
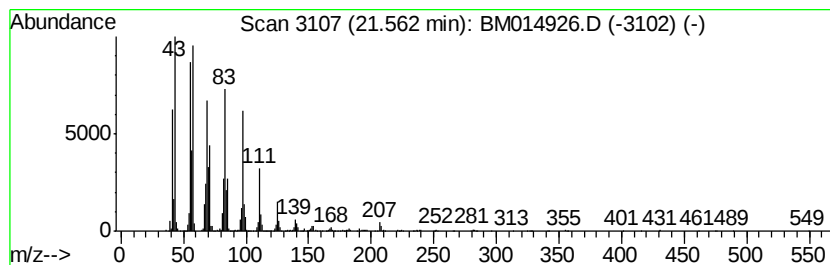
Instrument :
BNA_M
ClientSampleId :
C0AJ1

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	10.55 ng/ul	2041360	Chrysene-d12	21.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 95
2	Heptafluorobutyric acid, hexadec...		438 C20H33F7O2	006385-15-5 94
3	Heptafluorobutyric acid, n-octad...		466 C22H37F7O2	000400-57-7 94
4	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 94
5	Heptafluorobutyric acid, n-tetra...		410 C18H29F7O2	007365-36-8 94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050218\
Data File : BM014926.D
Acq On : 02 May 2018 17:11
Operator : SJ/JU
Sample : J2631-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.34	33.2	ng/ul	3914020	1	8.49	2359480	20.0
(DEL) Alkane: Str...	15.89	2.0	ng/ul	377788	3	15.10	3753120	20.0
(DEL) Alkane: Str...	16.74	2.1	ng/ul	408496	4	17.81	3906540	20.0
n-Hexadecanoic acid	18.64	7.2	ng/ul	1408050	4	17.81	3906540	20.0
Octadecanoic acid	19.88	3.2	ng/ul	615640	5	21.90	3870000	20.0
(DEL) Alkane: Cyc...	21.56	10.6	ng/ul	2041360	5	21.90	3870000	20.0