

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
 Data File : BM014861.D
 Acq On : 30 Apr 2018 11:37
 Operator : SJ/JU
 Sample : J2603-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F1B61

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	21	rVB	656666	906358	17.66%	1.429%
2	3.640	56	60	70	rVB	116079	168166	3.28%	0.265%
3	5.481	369	373	384	rVB	64109	101472	1.98%	0.160%
4	7.622	731	737	739	rBV	218519	361790	7.05%	0.570%
5	7.646	739	741	752	rVB	253213	365141	7.12%	0.576%
6	7.798	761	767	778	rBV	753195	1206677	23.52%	1.902%
7	8.016	797	804	814	rBV	788309	1280141	24.95%	2.018%
8	8.498	878	886	898	rVB	1620283	2673323	52.10%	4.213%
9	9.193	996	1004	1013	rBV	531483	893317	17.41%	1.408%
10	9.681	1078	1087	1095	rBV	871740	1487190	28.98%	2.344%
11	10.040	1143	1148	1153	rVB2	67269	92435	1.80%	0.146%
12	10.410	1204	1211	1222	rBV	681541	1127947	21.98%	1.778%
13	10.945	1295	1302	1312	rBV	993229	1685094	32.84%	2.656%
14	11.339	1361	1369	1377	rBV	2190357	3781862	73.70%	5.961%
15	13.904	1799	1805	1811	rBV	84462	118428	2.31%	0.187%
16	14.492	1897	1905	1909	rBV	1880435	2519336	49.10%	3.971%
17	14.539	1909	1913	1919	rVV	849137	1187624	23.14%	1.872%
18	14.804	1951	1958	1970	rBV	2011725	2942384	57.34%	4.638%
19	14.957	1979	1984	1989	rVB	308100	380508	7.42%	0.600%
20	15.104	2002	2009	2017	rBV2	3053519	4594448	89.54%	7.241%
21	15.263	2031	2036	2045	rVB3	100610	176916	3.45%	0.279%
22	15.392	2052	2058	2064	rBV3	31407	77011	1.50%	0.121%
23	15.451	2064	2068	2073	rVV2	39010	59661	1.16%	0.094%
24	15.563	2083	2087	2095	rBV2	65161	113588	2.21%	0.179%
25	15.851	2132	2136	2139	rBV	35682	53403	1.04%	0.084%
26	15.892	2139	2143	2148	rVB	385979	481448	9.38%	0.759%
27	16.080	2168	2175	2181	rBV	2578154	3764874	73.37%	5.934%
28	16.180	2186	2192	2202	rVV	671534	934043	18.20%	1.472%
29	16.292	2203	2211	2221	rVV3	105211	296144	5.77%	0.467%
30	16.439	2233	2236	2244	rVV	43045	68255	1.33%	0.108%
31	16.510	2244	2248	2254	rVB2	42776	61483	1.20%	0.097%
32	16.745	2283	2288	2296	rBV	326174	575297	11.21%	0.907%
33	17.086	2341	2346	2349	rBV3	33357	59468	1.16%	0.094%
34	17.527	2417	2421	2425	rBV	151119	179901	3.51%	0.284%

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Integration Parameters: LSCINT.P

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35	17.580	2426	2430	2433	rVV	57654	69583	1.36%	0.110%
36	17.815	2464	2470	2480	rBV2	3554450	5131303	100.00%	8.087%
37	17.915	2480	2487	2496	rVV	2647998	3818531	74.42%	6.018%
38	18.521	2586	2590	2594	rBV6	42121	62036	1.21%	0.098%
39	18.645	2606	2611	2622	rBV	606374	874738	17.05%	1.379%
40	19.880	2817	2821	2829	rBV	157804	242224	4.72%	0.382%
41	20.151	2862	2867	2877	rVB	3041214	4052391	78.97%	6.387%
42	21.562	3103	3107	3117	rBV	774310	994856	19.39%	1.568%
43	21.903	3160	3165	3172	rBV	3736776	4934363	96.16%	7.777%
44	23.139	3372	3375	3383	rVB	382944	520867	10.15%	0.821%
45	24.227	3554	3560	3571	rVB	1703903	3476849	67.76%	5.480%
46	24.386	3580	3587	3599	rVB2	2169487	4494725	87.59%	7.084%

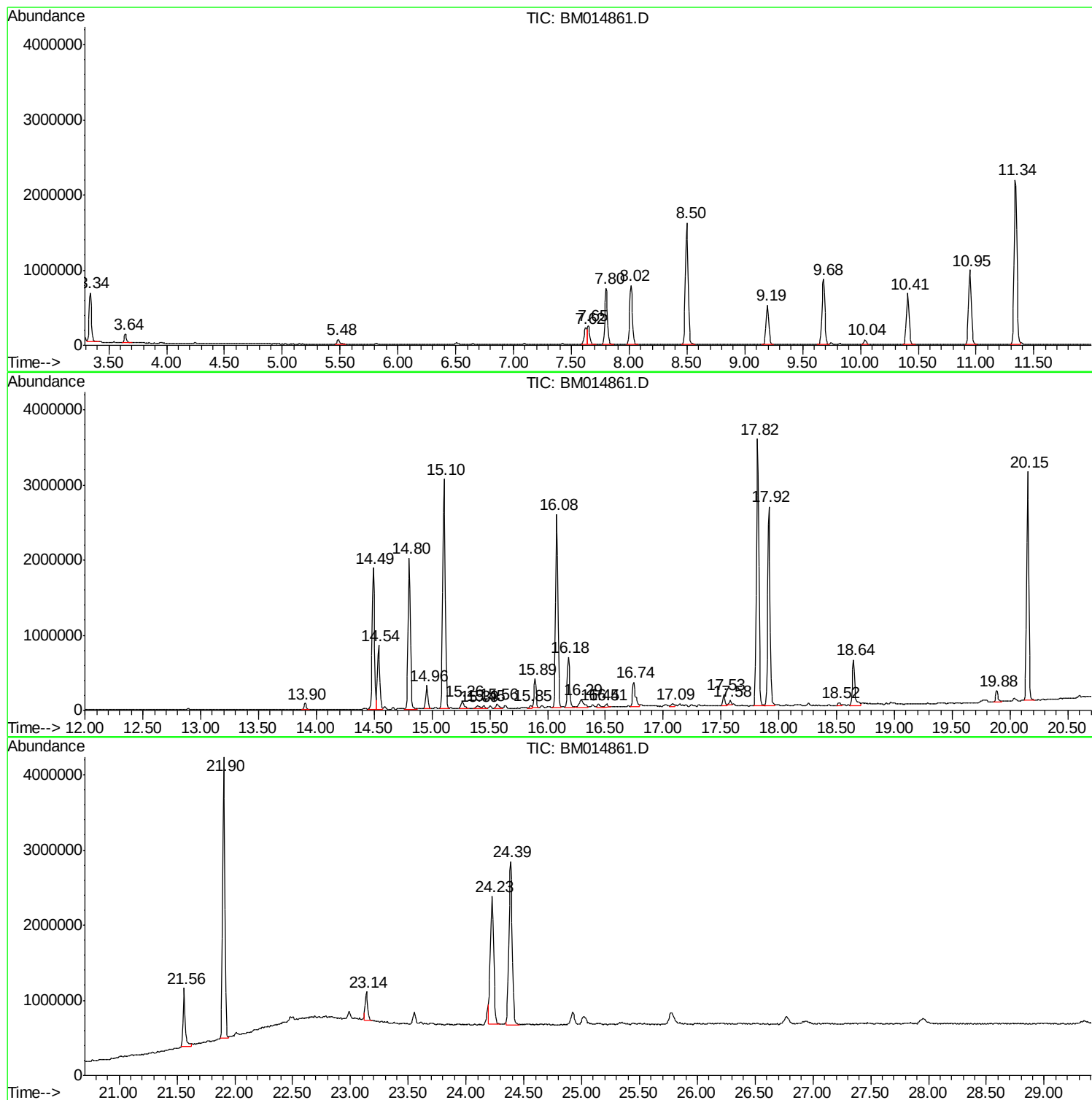
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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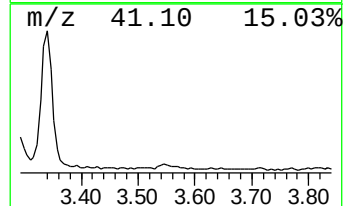
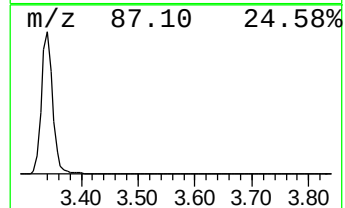
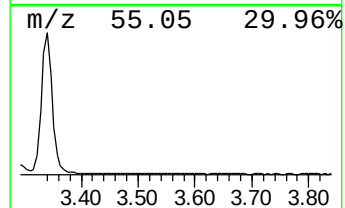
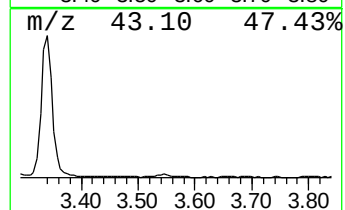
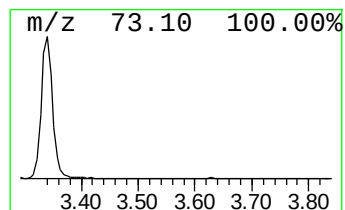
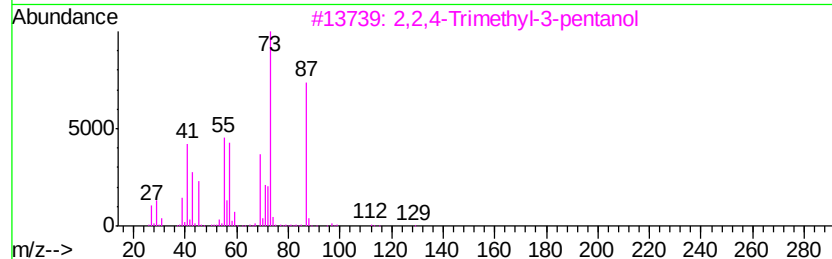
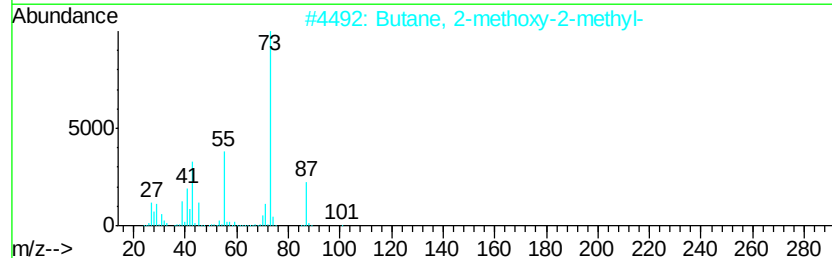
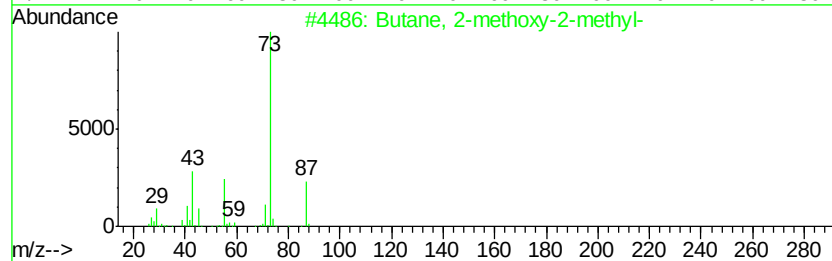
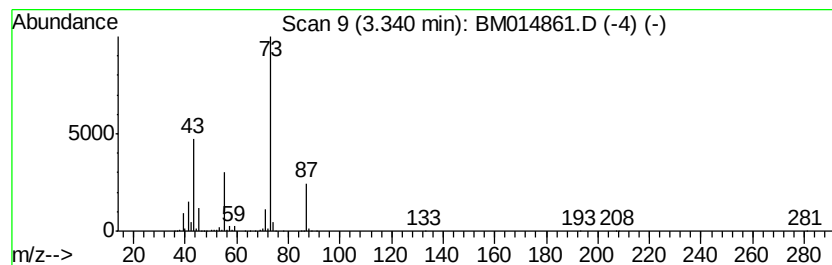
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	6.78 ng/ul	906358	1,4-Dichlorobenzene-d4	8.50

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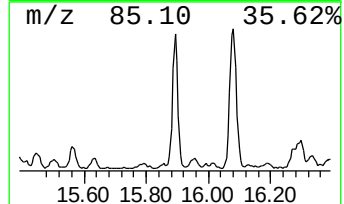
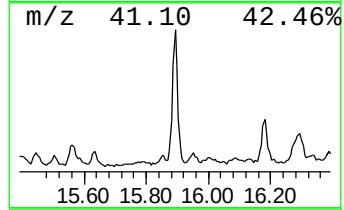
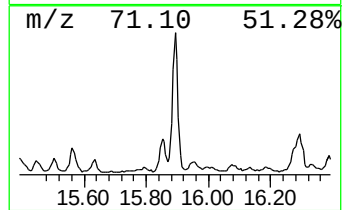
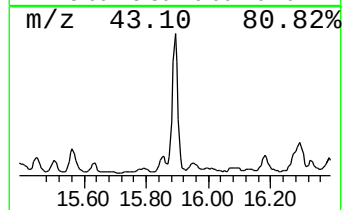
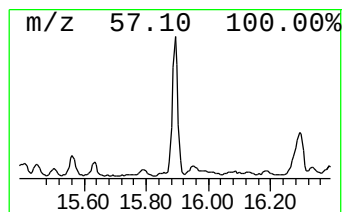
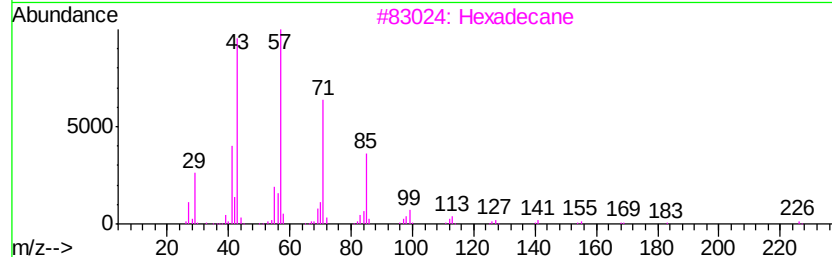
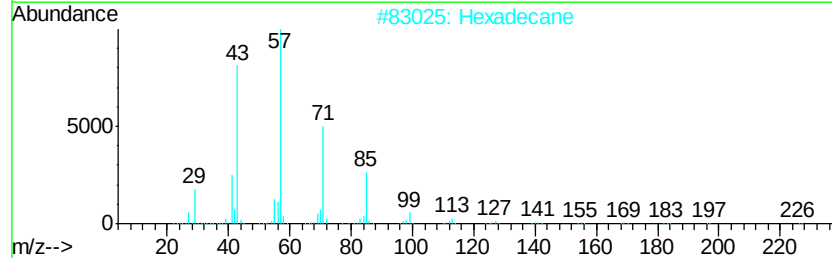
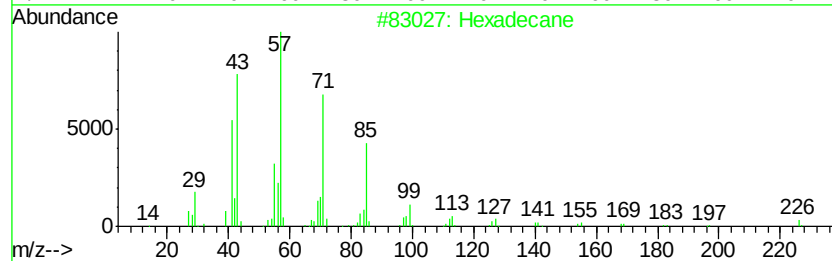
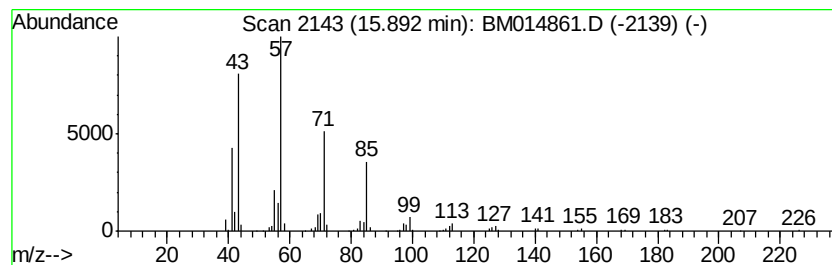
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.10 ng/ul	481448	Acenaphthene-d10	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
5		Tridecane	184	C13H28	000629-50-5	90



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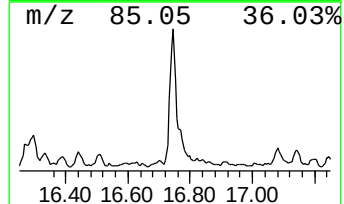
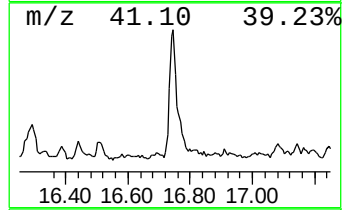
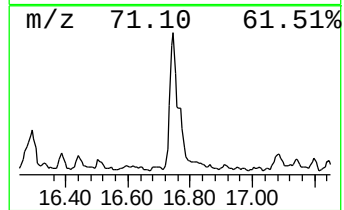
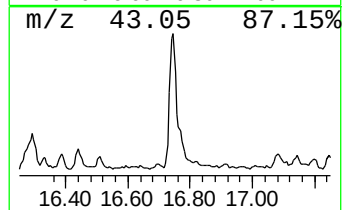
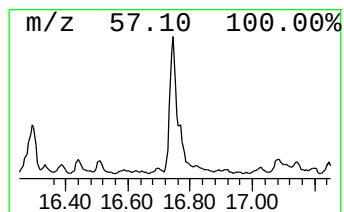
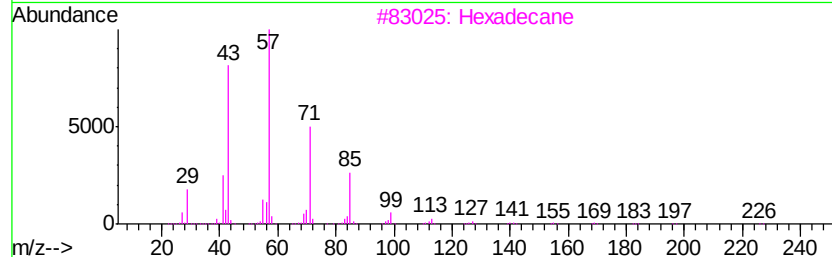
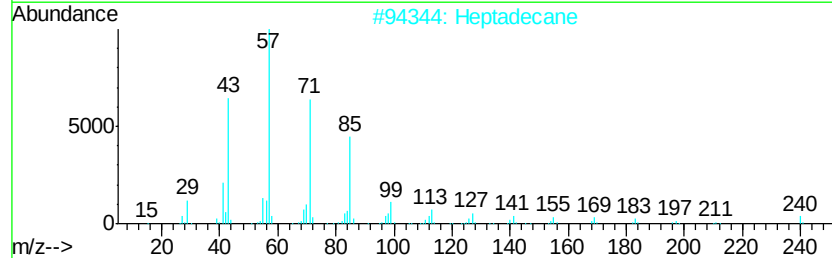
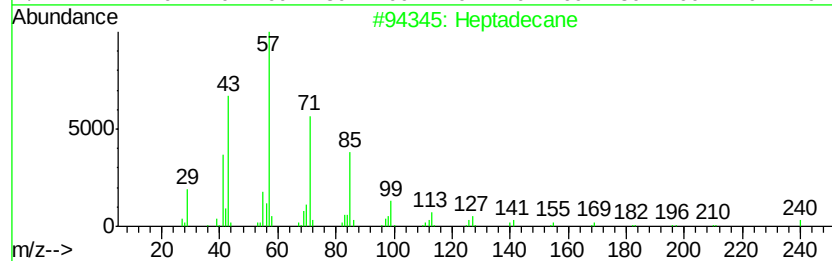
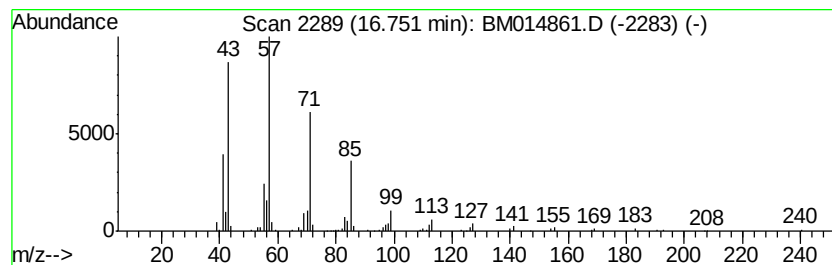
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	2.24 ng/ul	575297	Phenanthrene-d10	17.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Heptadecane	240	C17H36	000629-78-7	93
3		Hexadecane	226	C16H34	000544-76-3	91
4		Tetradecane	198	C14H30	000629-59-4	90
5		Tetradecane	198	C14H30	000629-59-4	90



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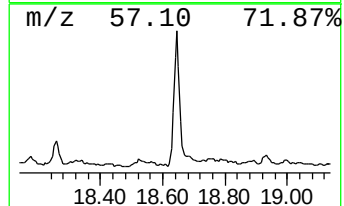
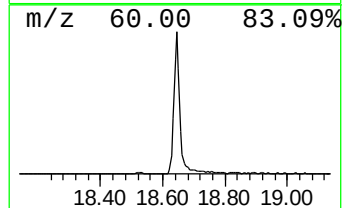
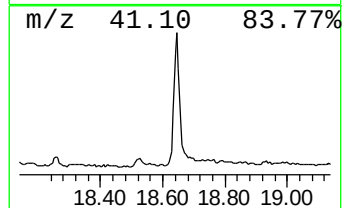
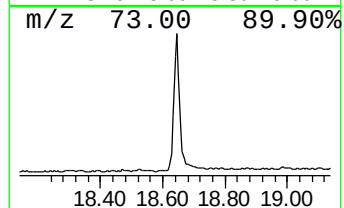
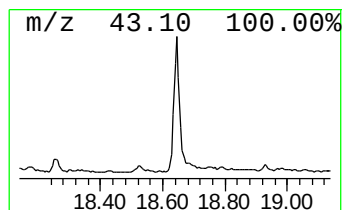
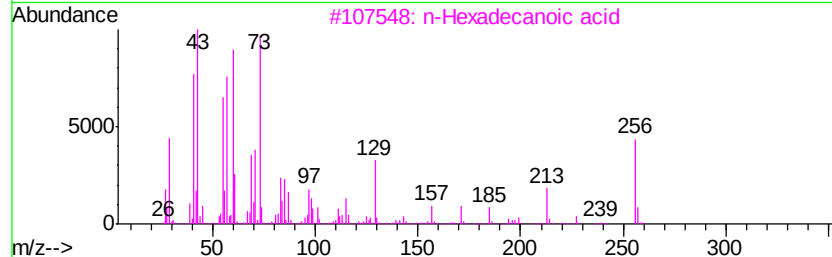
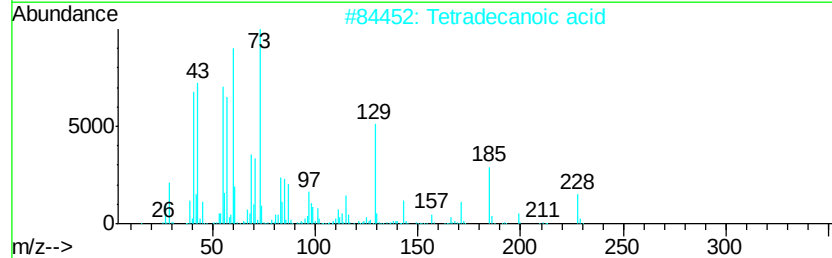
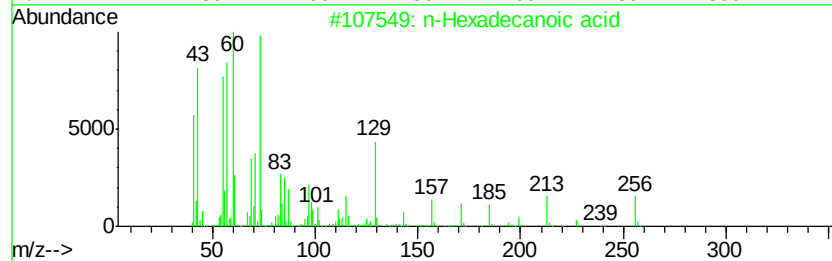
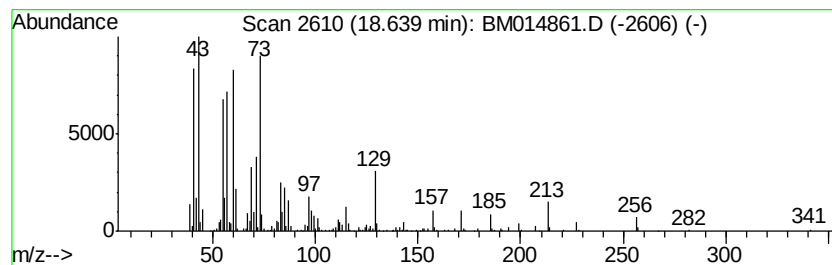
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	3.41 ng/ul	874738	Phenanthrene-d10	17.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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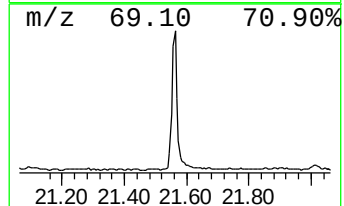
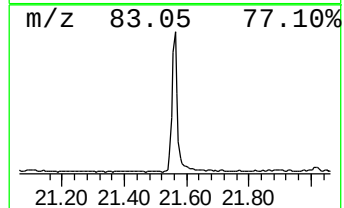
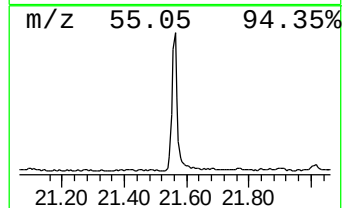
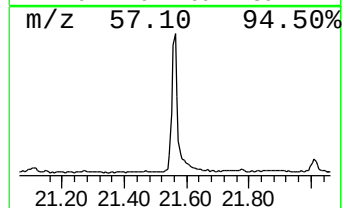
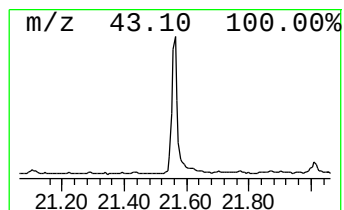
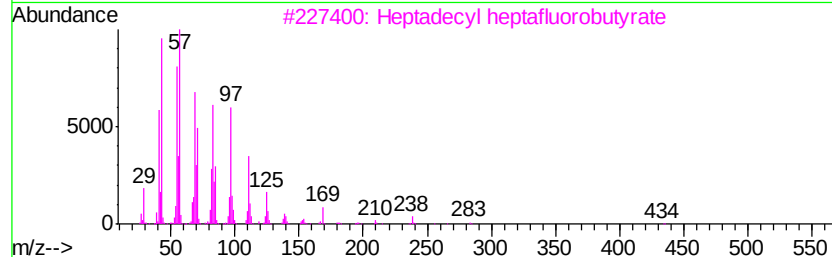
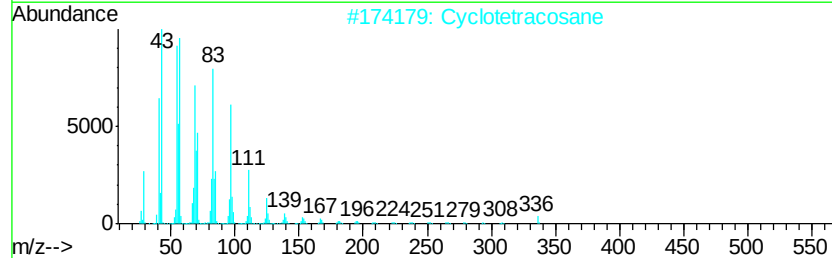
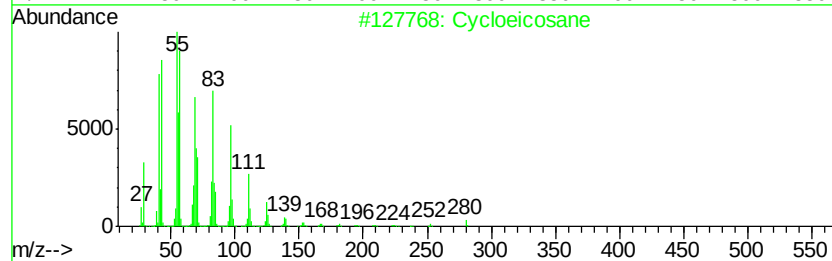
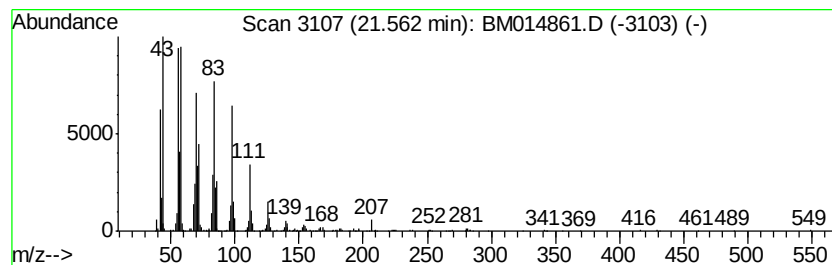
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Peak Number 5 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.56	4.03 ng/ul	994856	Chrysene-d12	21.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	99
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
Data File : BM014861.D
Acq On : 30 Apr 2018 11:37
Operator : SJ/JU
Sample : J2603-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F1B61

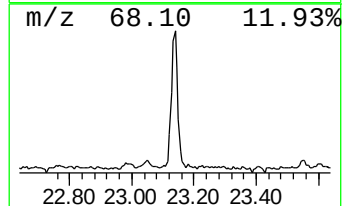
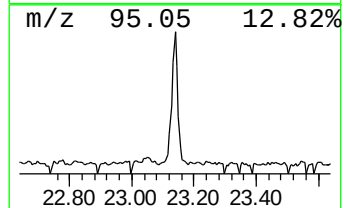
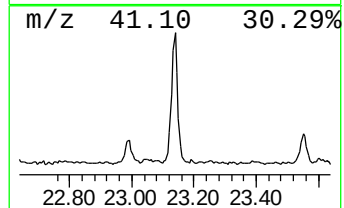
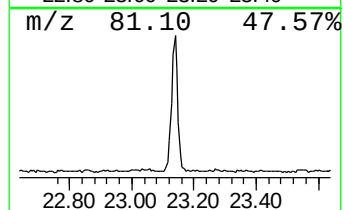
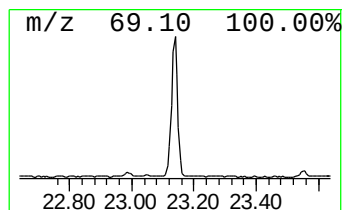
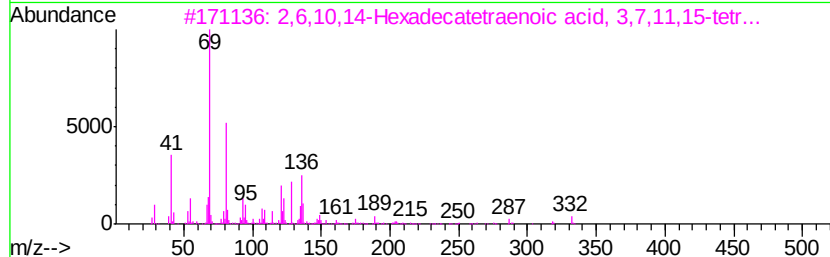
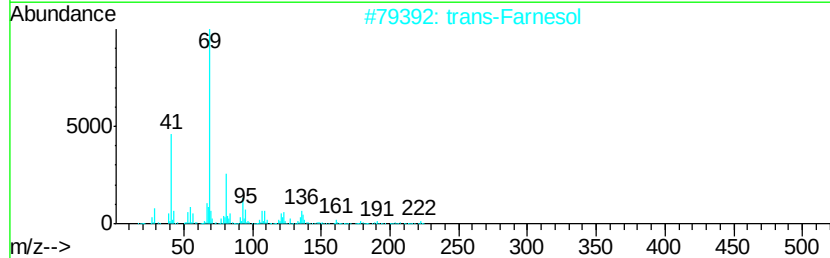
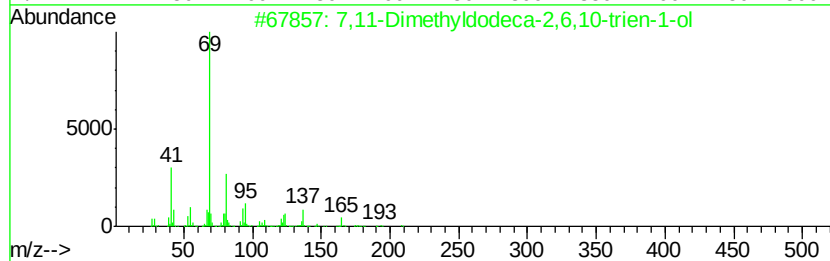
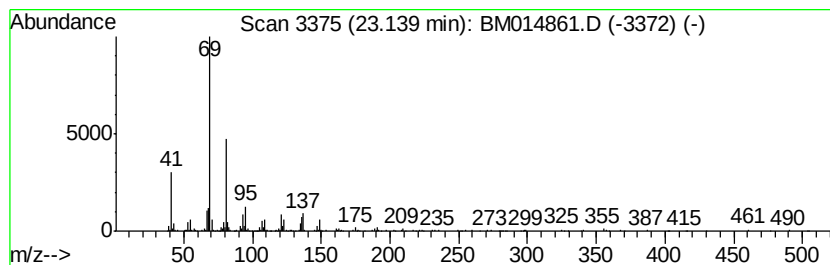
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	2.11 ng/ul	520867	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
2		trans-Farnesol	222	C15H26O	000106-28-5	64
3		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	59
4		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	53
5		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043018\
Data File : BM014861.D
Acq On : 30 Apr 2018 11:37
Operator : SJ/JU
Sample : J2603-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F1B61

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	6.8	ng/ul	906358	1	8.50	2673320	20.0
(DEL) Alkane: Str...	15.89	2.1	ng/ul	481448	3	15.10	4594450	20.0
(DEL) Alkane: Str...	16.75	2.2	ng/ul	575297	4	17.82	5131300	20.0
n-Hexadecanoic acid	18.64	3.4	ng/ul	874738	4	17.82	5131300	20.0
(DEL) Alkane: Cyc...	21.56	4.0	ng/ul	994856	5	21.90	4934360	20.0
7,11-Dimethyldode...	23.14	2.1	ng/ul	520867	5	21.90	4934360	20.0