

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
 Data File : BM009684.D
 Acq On : 20 Apr 2017 00:14
 Operator : SJ/MA
 Sample : I2691-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAB69

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\SOM02.2-EPA-BM041717.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	6.993	658	664	677	rBV2	454955	966488	19.17%	2.166%
2	7.169	687	694	703	rBV	321830	523556	10.38%	1.173%
3	7.363	720	727	735	rBV	433420	706490	14.01%	1.583%
4	7.834	799	807	814	rBV	805017	1307722	25.93%	2.930%
5	8.534	919	926	936	rBV	491162	805477	15.97%	1.805%
6	8.998	998	1005	1015	rBV	394430	675399	13.39%	1.513%
7	9.716	1117	1127	1135	rBV2	339374	558859	11.08%	1.252%
8	10.251	1211	1218	1227	rBV	458136	809843	16.06%	1.815%
9	10.628	1276	1282	1290	rVB	1002680	1655033	32.82%	3.708%
10	10.775	1299	1307	1318	rBV	297316	544557	10.80%	1.220%
11	12.151	1533	1541	1549	rVB3	51653	97703	1.94%	0.219%
12	13.886	1829	1836	1840	rBV	710161	1006153	19.95%	2.254%
13	13.927	1840	1843	1850	rVB	266928	363173	7.20%	0.814%
14	14.169	1877	1884	1891	rBV	858150	1244185	24.67%	2.788%
15	14.480	1930	1937	1946	rVB2	1283771	2045494	40.56%	4.583%
16	14.680	1965	1971	1983	rBV	320846	560085	11.11%	1.255%
17	15.474	2099	2106	2112	rBV	1058298	1584855	31.43%	3.551%
18	15.604	2121	2128	2134	rBV2	228946	346159	6.86%	0.776%
19	15.704	2139	2145	2151	rVB4	35982	64213	1.27%	0.144%
20	16.186	2225	2227	2232	rVB2	60093	74773	1.48%	0.168%
21	16.957	2354	2358	2362	rBV	41433	53786	1.07%	0.121%
22	17.010	2362	2367	2371	rVV3	48414	72374	1.44%	0.162%
23	17.227	2397	2404	2410	rBV2	1695457	2437813	48.34%	5.462%
24	17.327	2415	2421	2428	rVB	1219624	1729094	34.29%	3.874%
25	17.698	2479	2484	2491	rBV2	44549	68812	1.36%	0.154%
26	18.098	2548	2552	2561	rBV2	151860	249275	4.94%	0.559%
27	19.380	2766	2770	2775	rBV4	64706	92172	1.83%	0.207%
28	19.515	2788	2793	2797	rBV7	25321	59886	1.19%	0.134%
29	19.621	2805	2811	2821	rBV2	1475163	2136133	42.36%	4.786%
30	20.121	2894	2896	2901	rVB6	48390	52368	1.04%	0.117%
31	21.092	3058	3061	3067	rBV2	335082	440519	8.74%	0.987%
32	21.409	3110	3115	3120	rBV	2522269	3048860	60.46%	6.832%
33	21.533	3133	3136	3143	rVB2	157759	181638	3.60%	0.407%
34	21.974	3208	3211	3215	rVB	281813	335294	6.65%	0.751%

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35	22.450	3288	3292	3302	rBV2	871947	1298697	25.75%	2.910%
36	22.974	3376	3381	3390	rBV	1178917	1876406	37.21%	4.204%
37	23.562	3475	3481	3494	rBV2	1851352	5042895	100.00%	11.300%
38	23.733	3504	3510	3521	rVB	1567327	3042149	60.33%	6.817%
39	24.227	3588	3594	3602	rVB	1245654	2586822	51.30%	5.796%
40	24.997	3719	3725	3743	rVB	1039218	2586757	51.30%	5.796%
41	25.903	3875	3879	3890	rVB2	569439	1297099	25.72%	2.906%

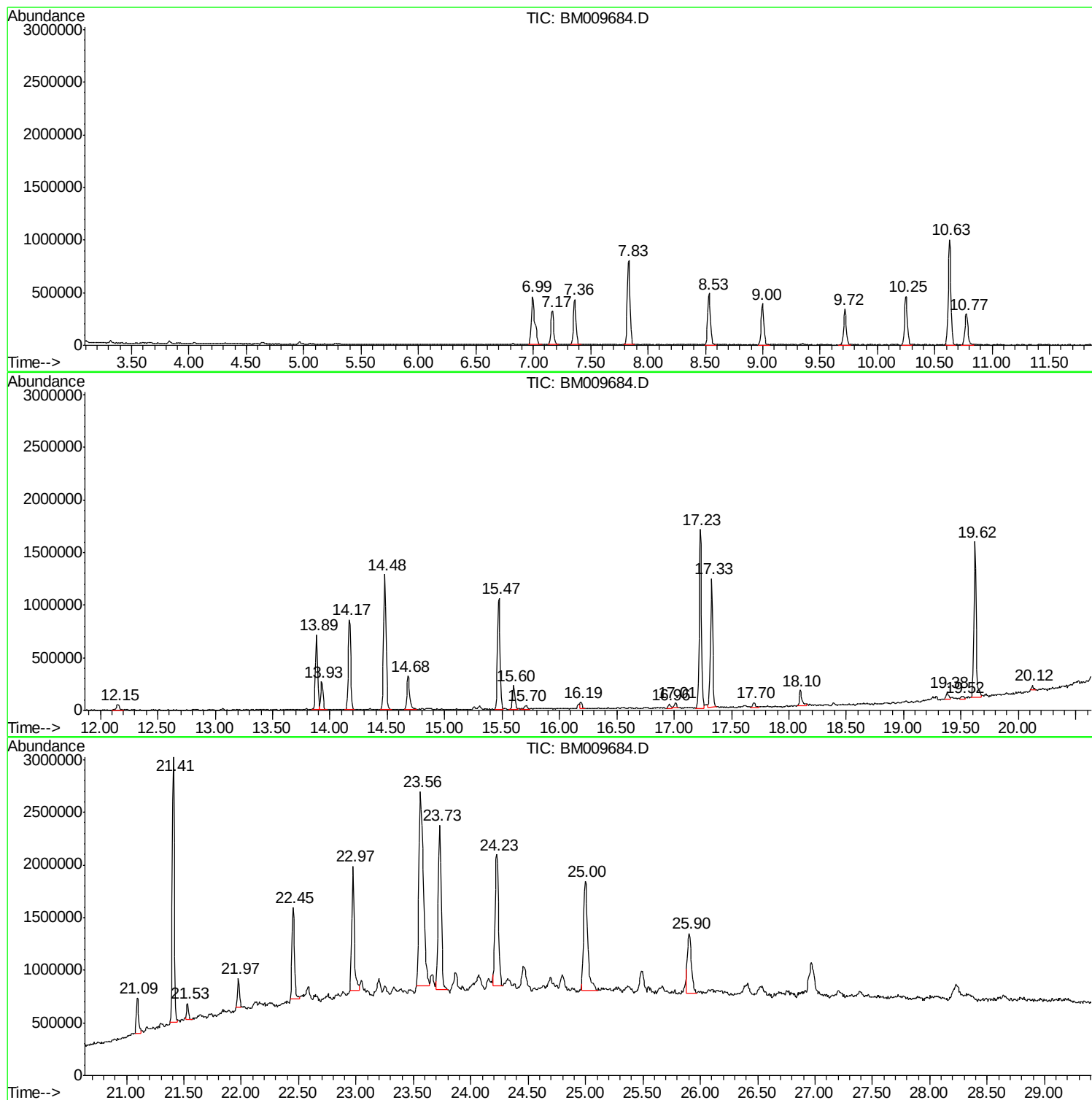
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

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



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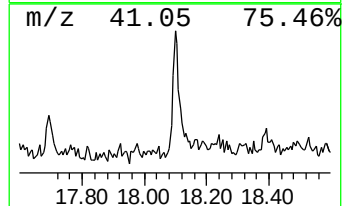
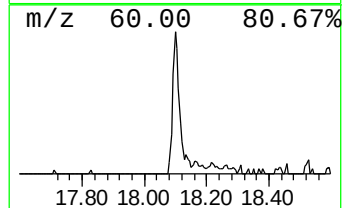
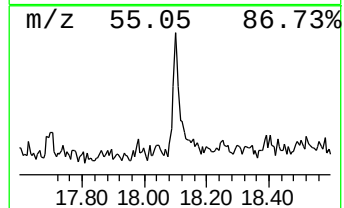
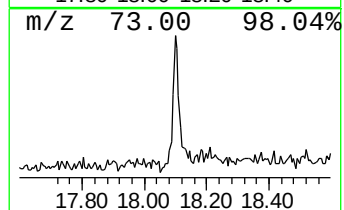
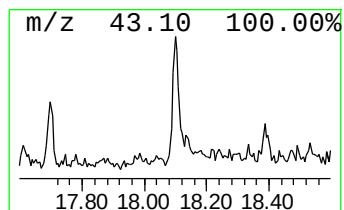
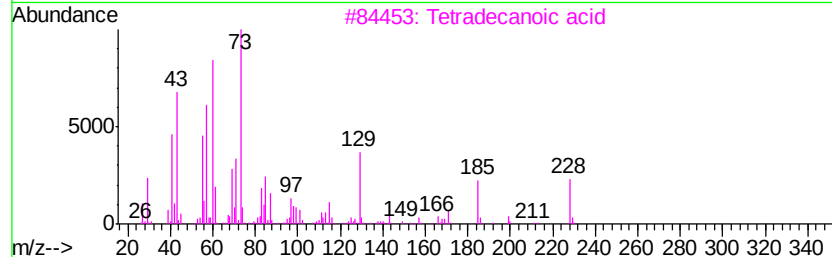
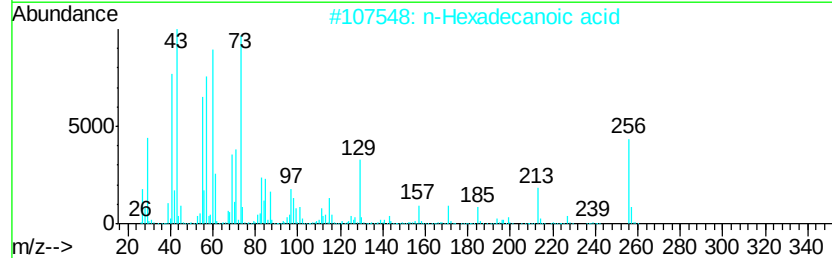
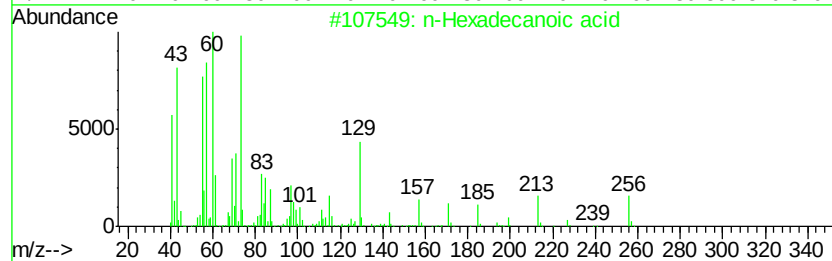
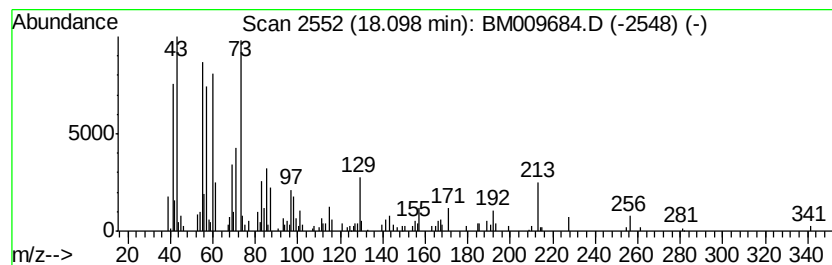
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.10	2.05 ng/ul	249275	Phenanthrene-d10		17.23	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	70
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	64
4	Octadecanoic acid		284	C18H36O2	000057-11-4	58
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	53



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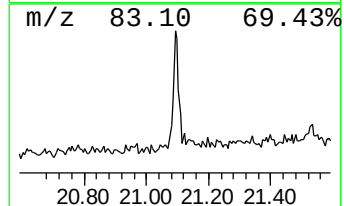
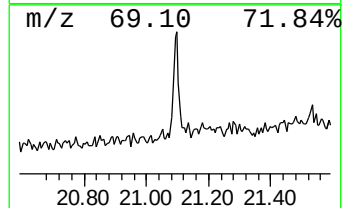
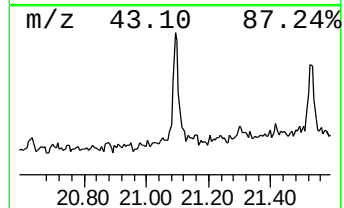
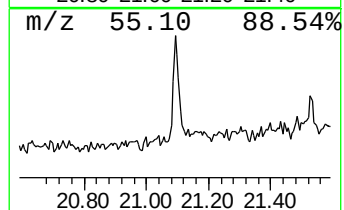
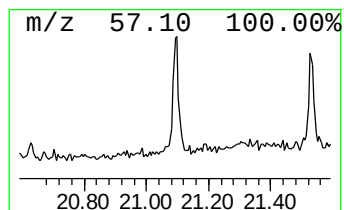
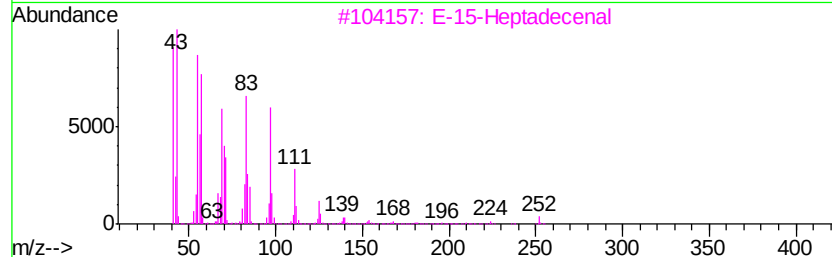
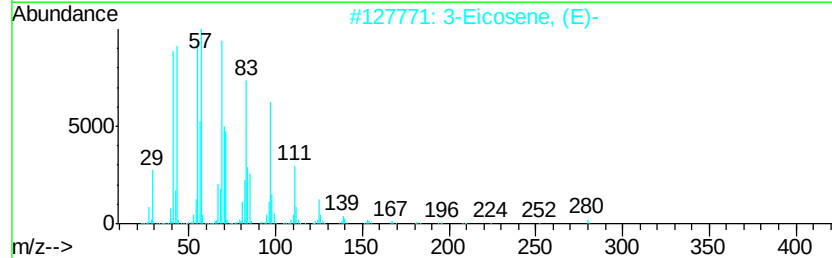
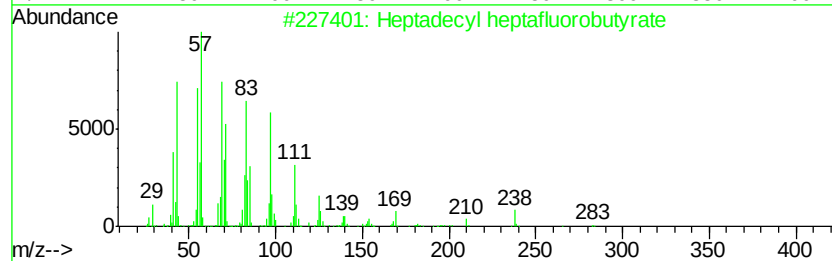
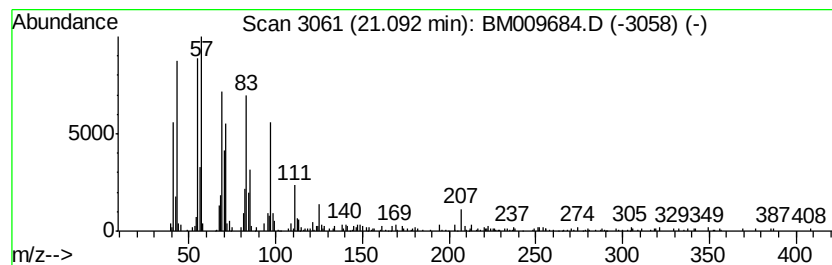
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.89 ng/ul	440519	Chrysene-d12	21.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	89
3		E-15-Heptadecenal	252	C17H32O	1000130-97-9	89
4		17-Pentatriacontene	491	C35H70	006971-40-0	87
5		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	86



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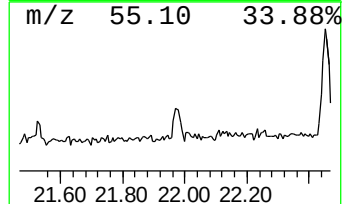
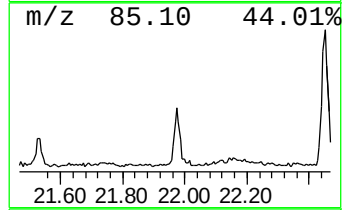
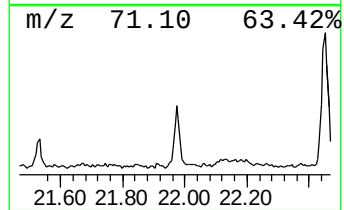
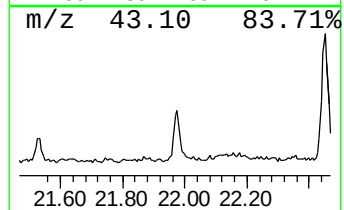
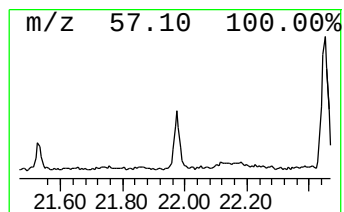
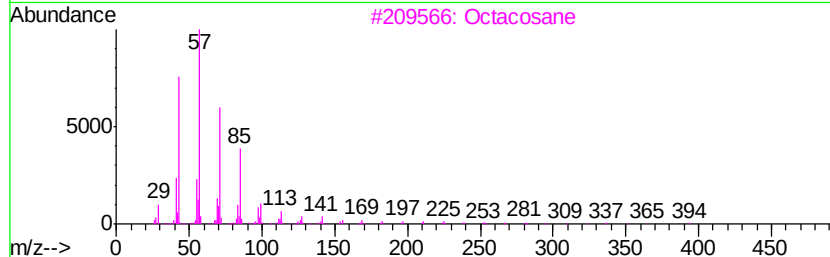
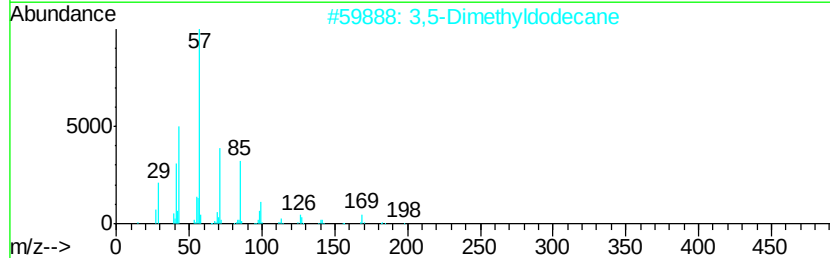
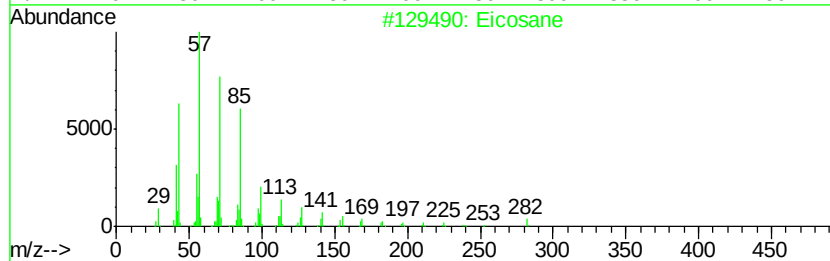
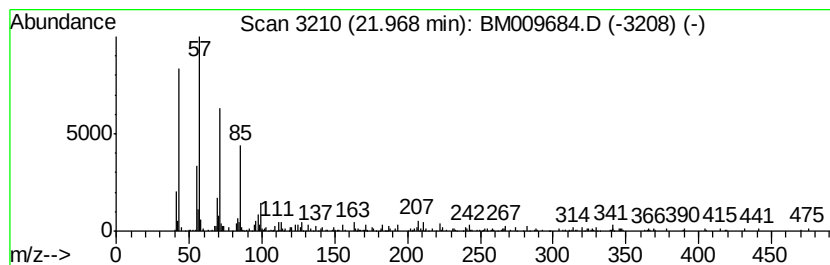
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.97	2.20 ng/ul	335294	Chrysene-d12	21.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	80



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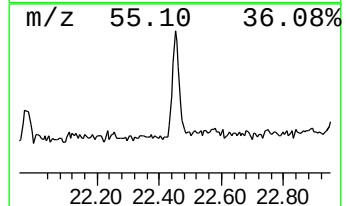
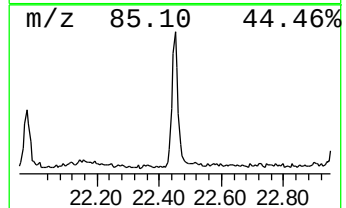
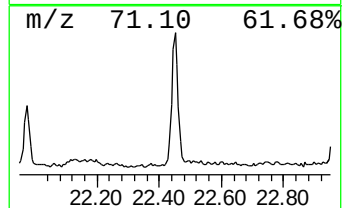
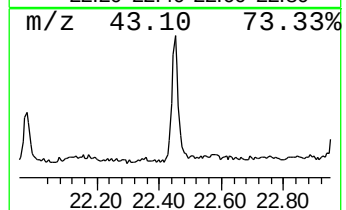
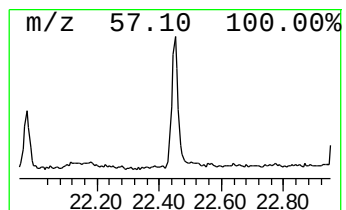
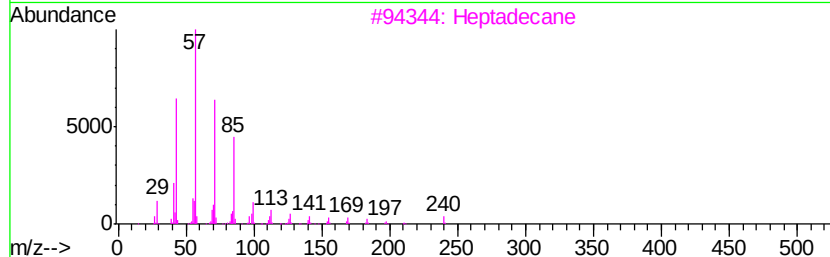
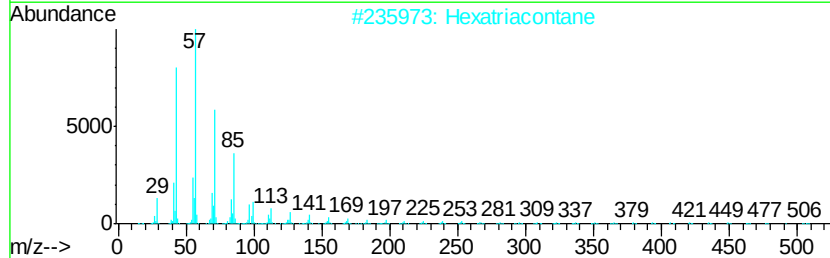
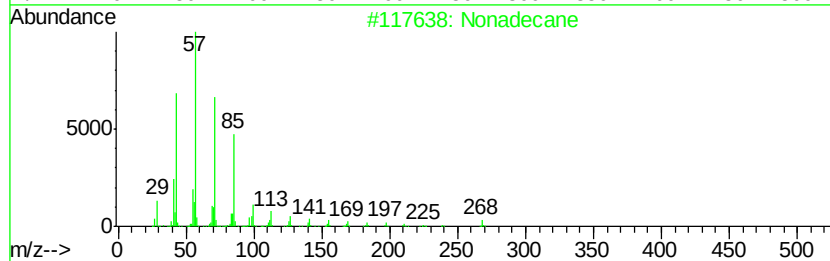
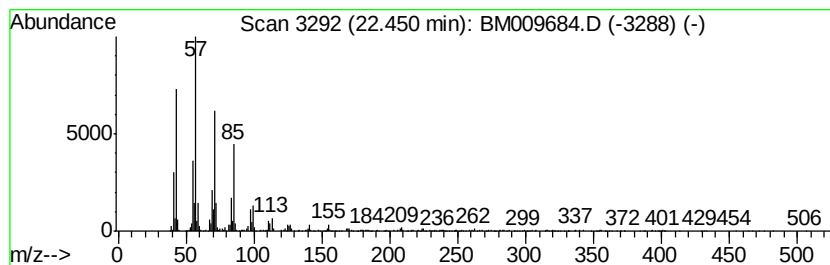
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	8.52 ng/ul	1298700	Chrysene-d12	21.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Hexatriacontane	507	C36H74	000630-06-8	83
3		Heptadecane	240	C17H36	000629-78-7	76
4		Hexacosane	366	C26H54	000630-01-3	74
5		Octacosane	394	C28H58	000630-02-4	74



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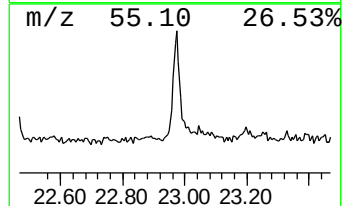
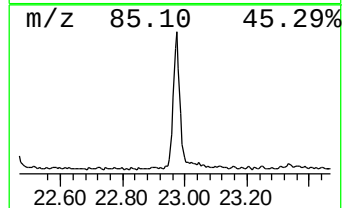
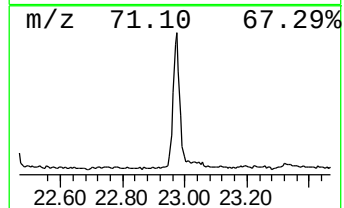
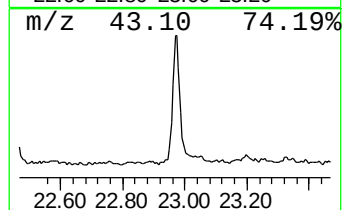
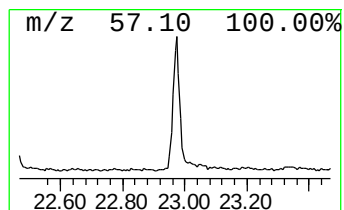
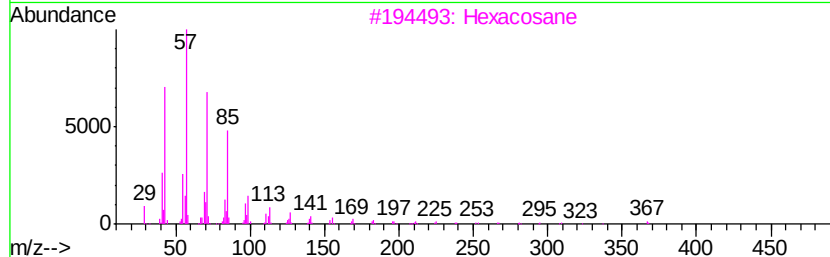
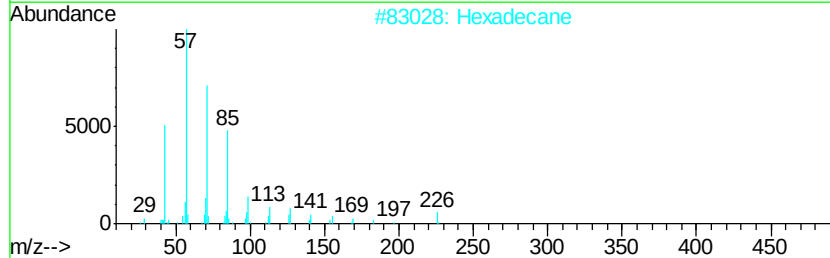
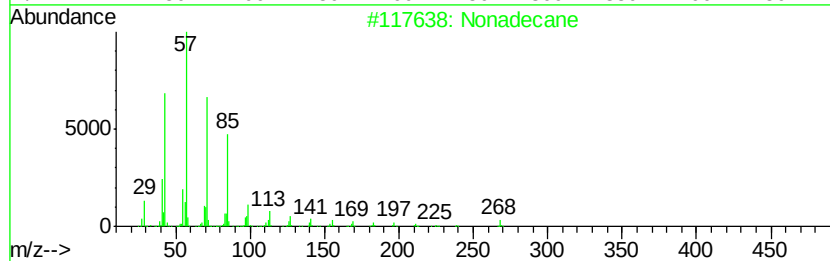
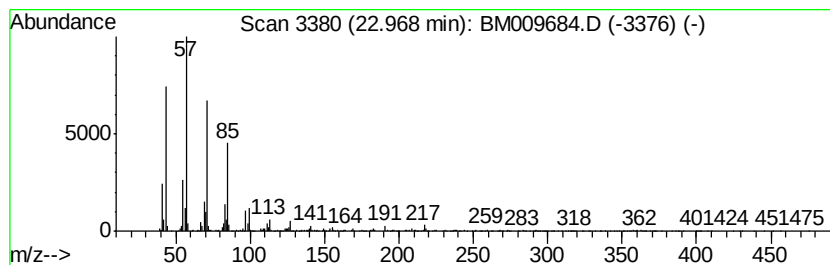
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	12.34 ng/ul	1876410	Perylene-d12	23.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Hexadecane	226	C16H34	000544-76-3	93
3		Hexacosane	366	C26H54	000630-01-3	91
4		Eicosane	282	C20H42	000112-95-8	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	89



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Sample : I2691-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB69

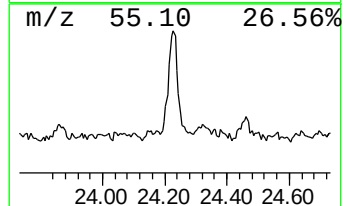
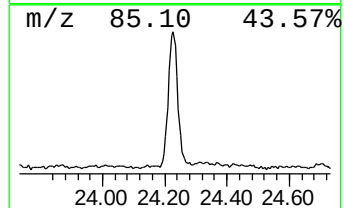
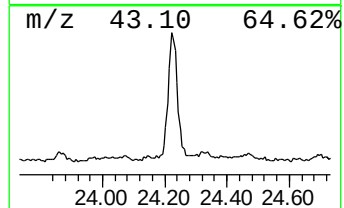
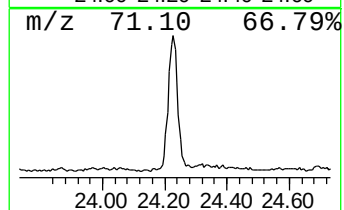
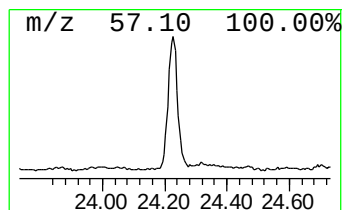
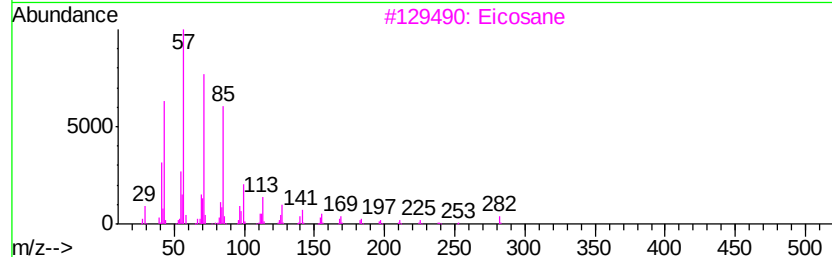
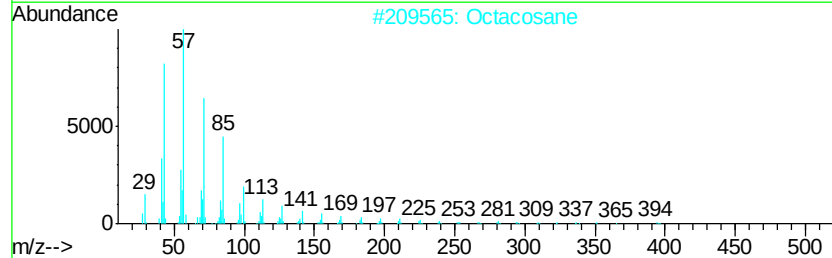
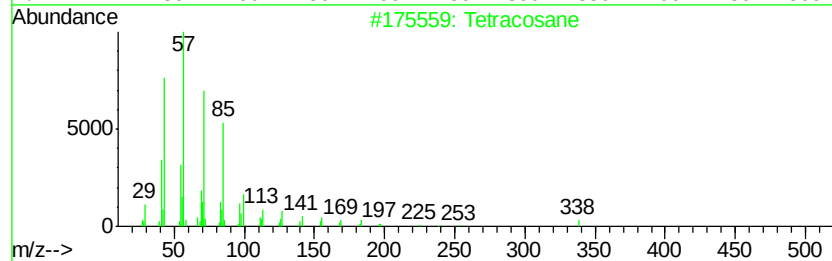
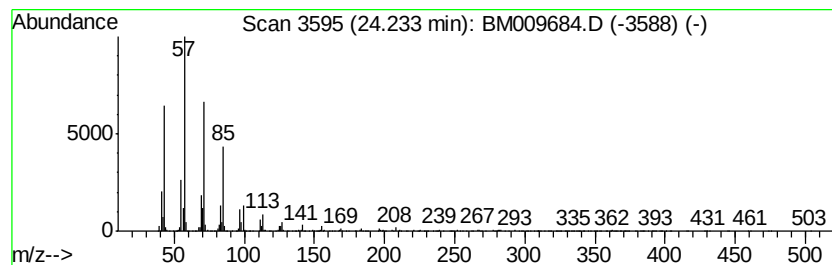
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	17.01 ng/ul	2586820	Perylene-d12	23.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	96
2		Octacosane	394	C28H58	000630-02-4	94
3		Eicosane	282	C20H42	000112-95-8	94
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	94
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009684.D
Acq On : 20 Apr 2017 00:14
Operator : SJ/MA
Sample : I2691-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB69

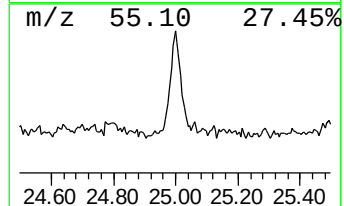
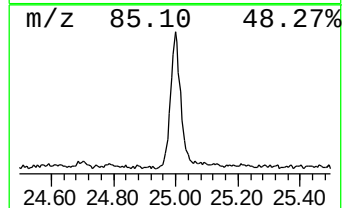
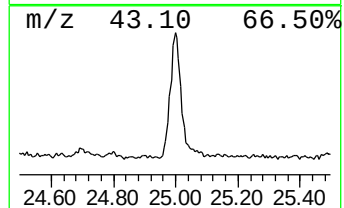
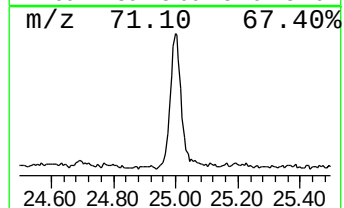
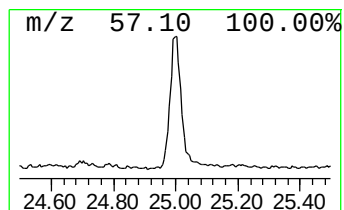
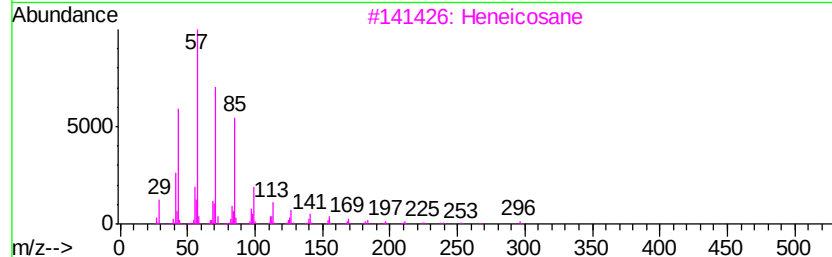
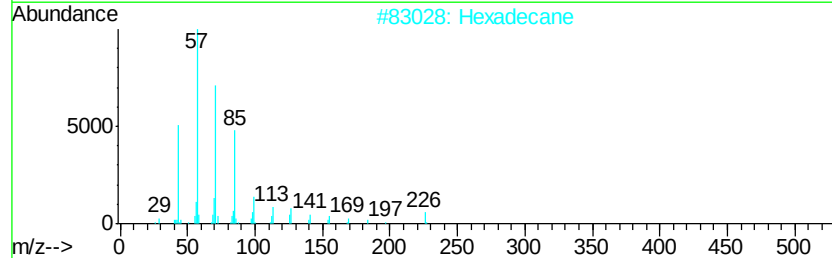
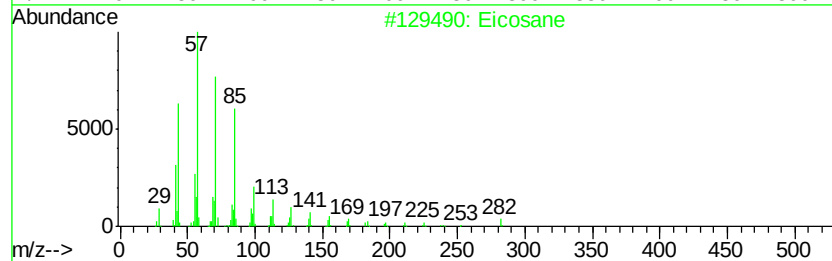
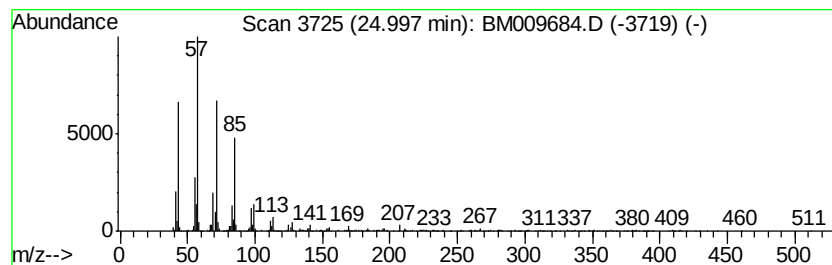
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.00	17.01 ng/ul	2586760	Perylene-d12	23.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009684.D
Acq On : 20 Apr 2017 00:14
Operator : SJ/MA
Sample : I2691-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB69

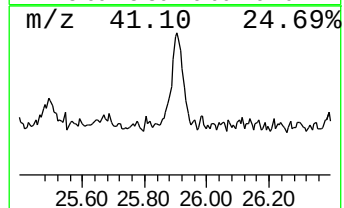
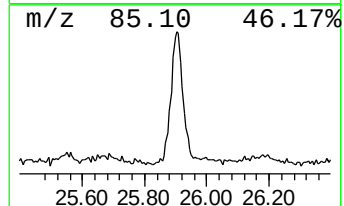
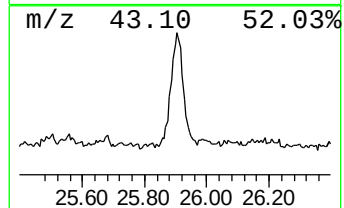
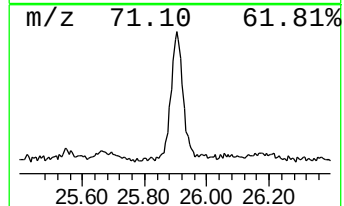
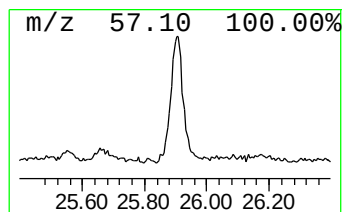
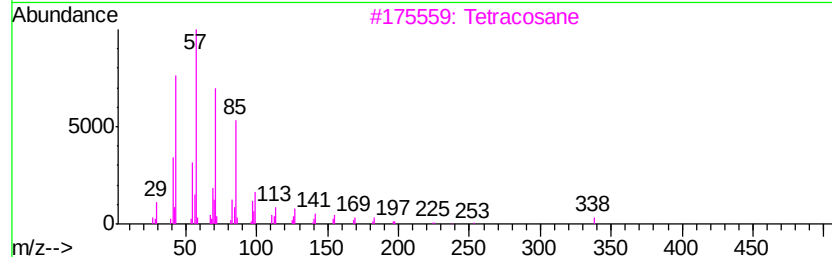
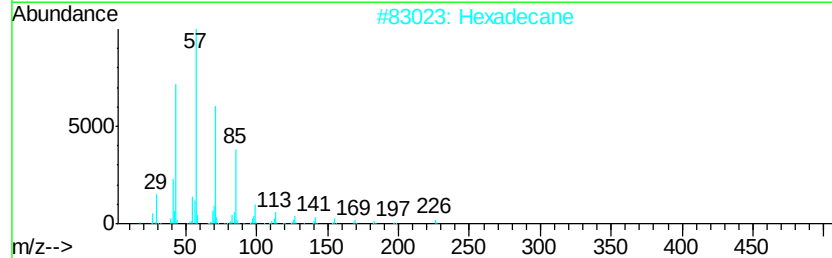
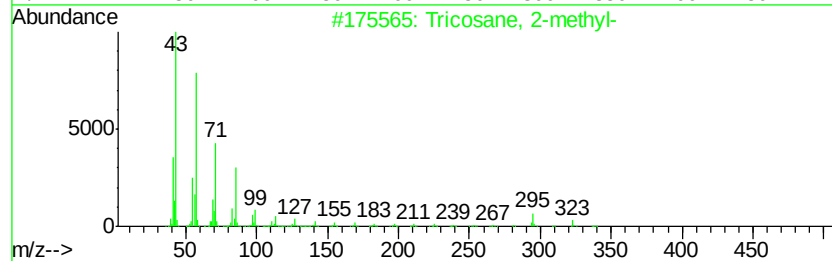
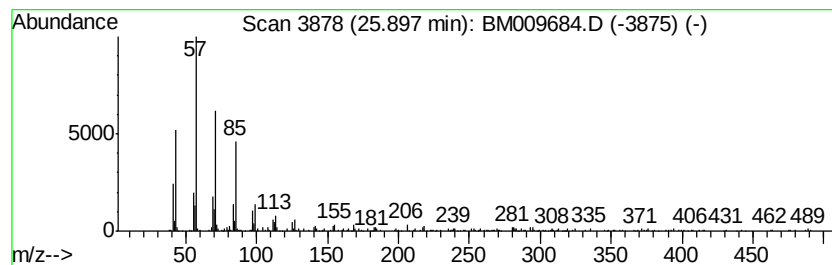
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.90	8.53 ng/ul	1297100	Perylene-d12	23.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
2		Hexadecane	226	C16H34	000544-76-3	92
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009684.D
Acq On : 20 Apr 2017 00:14
Operator : SJ/MA
Sample : I2691-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.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
n-Hexadecanoic acid	18.10	2.0	ng/ul	249275	4	17.23	2437810	20.0
Heptadecyl heptaf...	21.09	2.9	ng/ul	440519	5	21.41	3048860	20.0
(DEL) Alkane: Str...	21.97	2.2	ng/ul	335294	5	21.41	3048860	20.0
(DEL) Alkane: Str...	22.45	8.5	ng/ul	1298700	5	21.41	3048860	20.0
(DEL) Alkane: Str...	22.97	12.3	ng/ul	1876410	6	23.73	3042150	20.0
(DEL) Alkane: Str...	24.23	17.0	ng/ul	2586820	6	23.73	3042150	20.0
(DEL) Alkane: Str...	25.00	17.0	ng/ul	2586760	6	23.73	3042150	20.0
(DEL) Alkane: Str...	25.90	8.5	ng/ul	1297100	6	23.73	3042150	20.0