

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012417\
 Data File : BM008851.D
 Acq On : 24 Jan 2017 22:52
 Operator : UM/SJ
 Sample : I1315-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDN19

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-BM012317.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	3.387	132	136	145	rVB3	24519	36234	1.48%	0.130%
2	7.081	757	764	777	rVB2	452590	822001	33.64%	2.945%
3	7.263	789	795	804	rVB	310313	470470	19.25%	1.686%
4	7.463	822	829	837	rBV	449648	729639	29.86%	2.614%
5	7.934	902	909	915	rBV	369665	582433	23.83%	2.087%
6	8.628	1017	1027	1038	rBV	421400	701114	28.69%	2.512%
7	9.098	1098	1107	1113	rBV	503693	815001	33.35%	2.920%
8	9.469	1163	1170	1176	rVB3	16899	29360	1.20%	0.105%
9	9.816	1221	1229	1239	rBV	440714	715963	29.30%	2.565%
10	10.351	1310	1320	1331	rBV	561950	926185	37.90%	3.318%
11	10.733	1379	1385	1394	rVB	419321	728406	29.81%	2.610%
12	10.869	1402	1408	1417	rVB	472286	829539	33.95%	2.972%
13	13.974	1929	1936	1941	rBV	965382	1317540	53.92%	4.721%
14	14.016	1941	1943	1949	rVB	144908	197072	8.06%	0.706%
15	14.263	1979	1985	1994	rVB	912574	1333619	54.57%	4.778%
16	14.568	2030	2037	2043	rBV	646829	911165	37.29%	3.265%
17	14.751	2062	2068	2075	rBV	544302	763329	31.24%	2.735%
18	15.398	2173	2178	2184	rVB	43868	54182	2.22%	0.194%
19	15.563	2199	2206	2212	rVB	1238797	1716382	70.24%	6.150%
20	15.668	2219	2224	2233	rBV	490139	696039	28.48%	2.494%
21	15.804	2241	2247	2251	rVB5	24366	35674	1.46%	0.128%
22	16.262	2320	2325	2328	rBV2	50888	75165	3.08%	0.269%
23	17.051	2455	2459	2464	rBV2	42643	54838	2.24%	0.196%
24	17.315	2497	2504	2510	rBV	801568	1156549	47.33%	4.144%
25	17.415	2514	2521	2527	rBV	1370716	1983566	81.17%	7.107%
26	18.056	2626	2630	2639	rBV6	18611	31431	1.29%	0.113%
27	18.186	2647	2652	2658	rBV2	198294	264918	10.84%	0.949%
28	18.533	2704	2711	2717	rVB5	38830	66302	2.71%	0.238%
29	19.339	2840	2848	2850	rBV5	44008	86037	3.52%	0.308%
30	19.362	2850	2852	2856	rVB3	29587	37331	1.53%	0.134%
31	19.456	2864	2868	2874	rBV2	169054	226108	9.25%	0.810%
32	19.609	2887	2894	2899	rBV	757579	842837	34.49%	3.020%
33	19.703	2903	2910	2918	rBV	1735642	2443664	100.00%	8.756%
34	20.650	3067	3071	3077	rVB	697163	721974	29.54%	2.587%

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35	21.168	3155	3159	3168	rBV7	127296	191386	7.83%	0.686%
36	21.480	3207	3212	3217	rBV	1193331	1504467	61.57%	5.390%
37	22.691	3414	3418	3423	rVB2	98569	158928	6.50%	0.569%
38	23.691	3582	3588	3597	rVB2	1220311	2320567	94.96%	8.314%
39	23.844	3608	3614	3621	rVB	682913	1332542	54.53%	4.774%

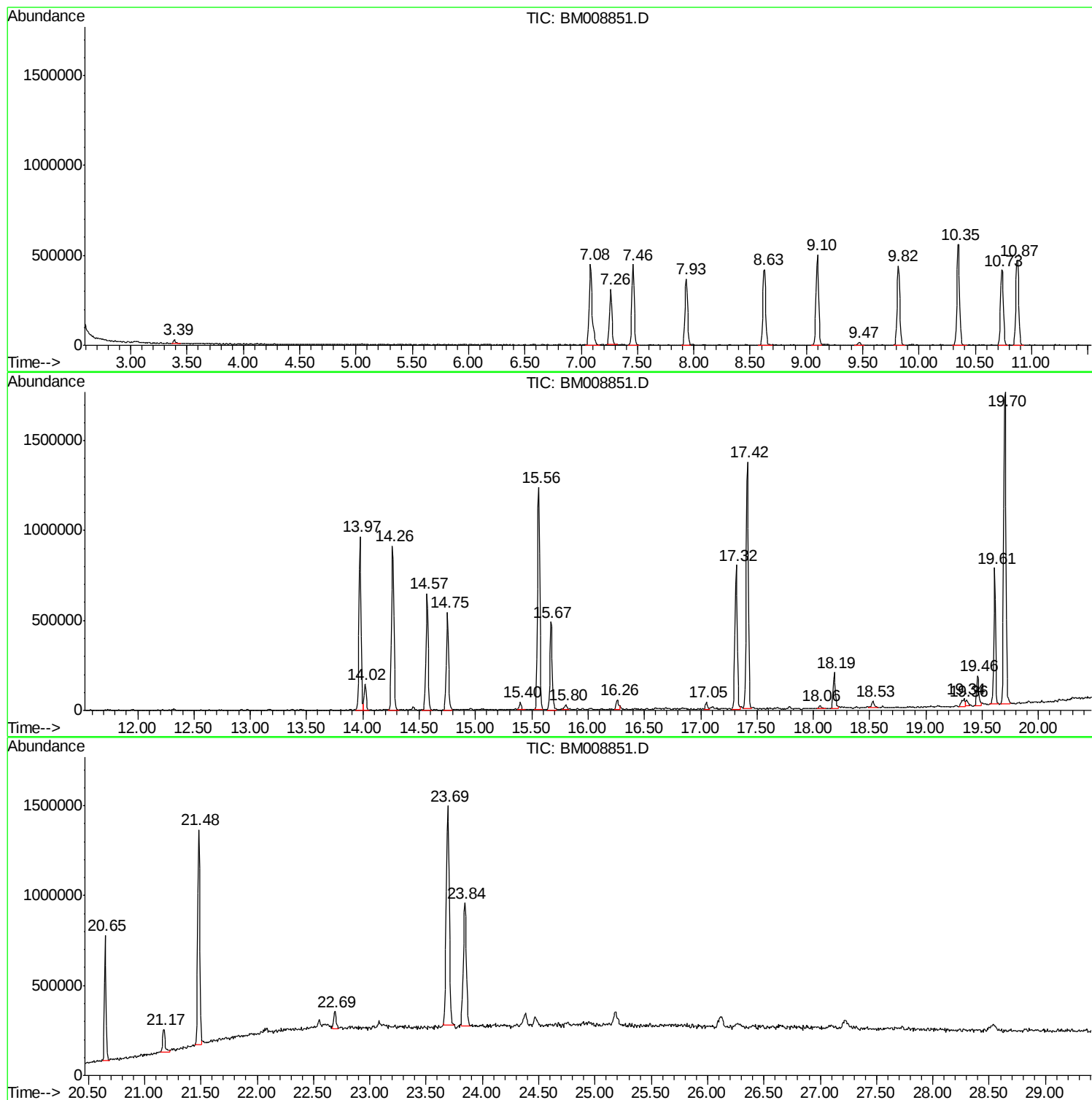
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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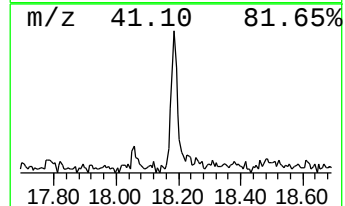
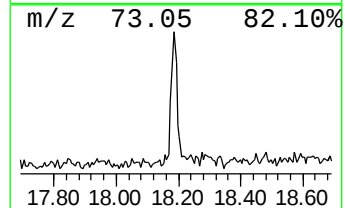
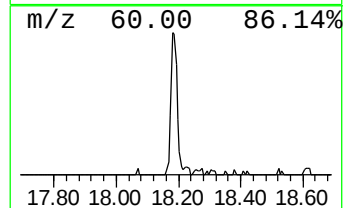
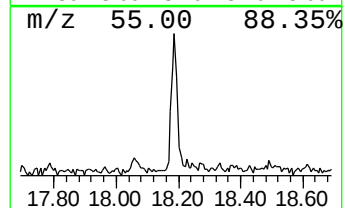
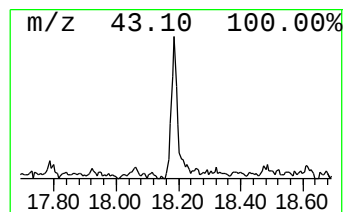
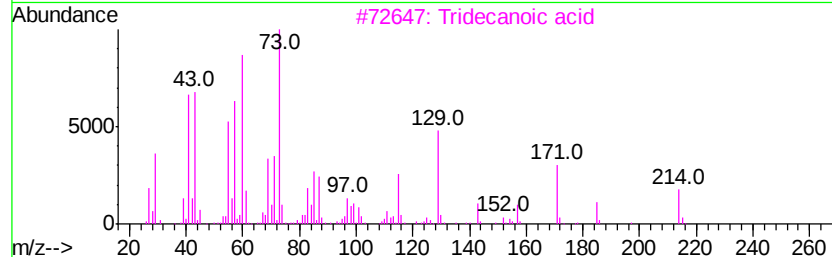
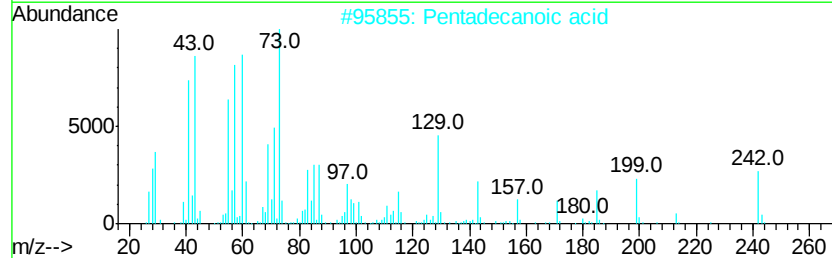
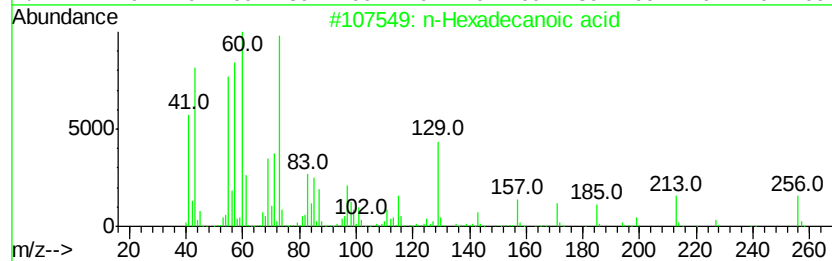
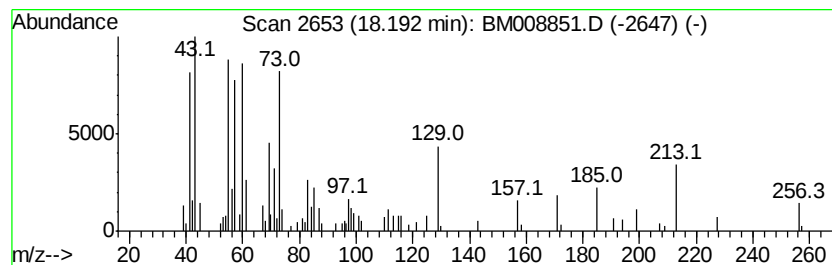
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	4.58 ng/ul	264918	Phenanthrene-d10	17.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	59
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5		Tridecanoic acid	214	C13H26O2	000638-53-9	50



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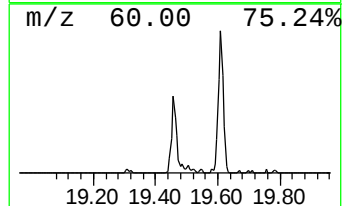
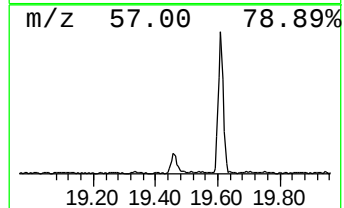
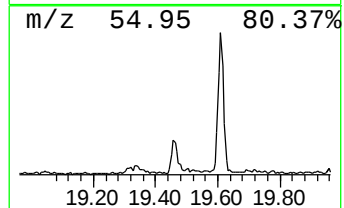
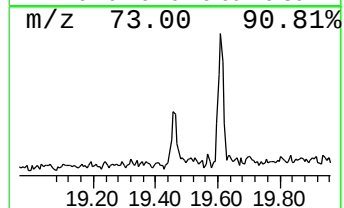
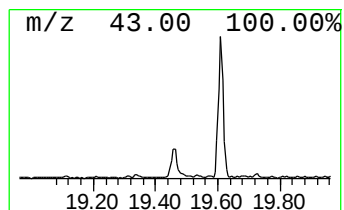
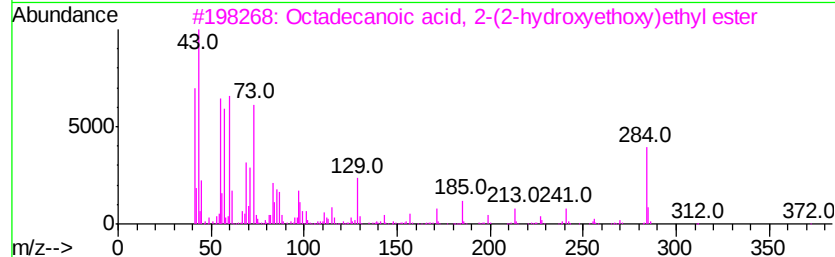
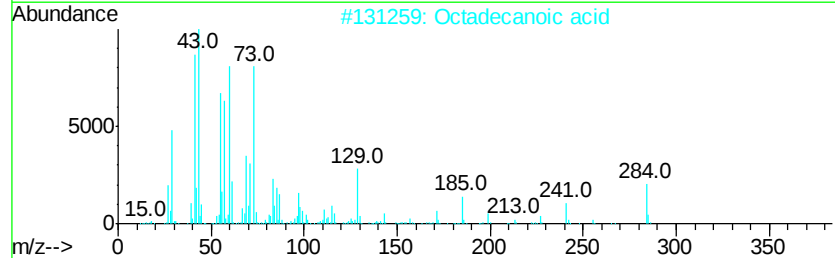
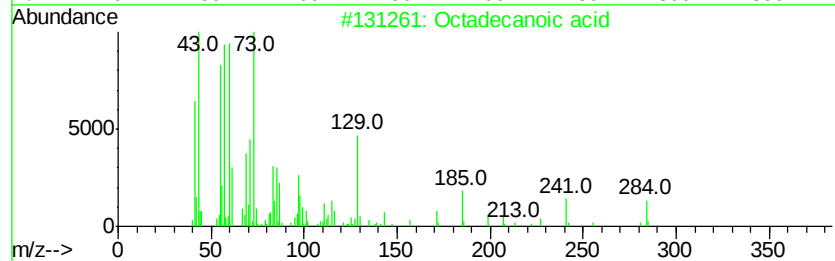
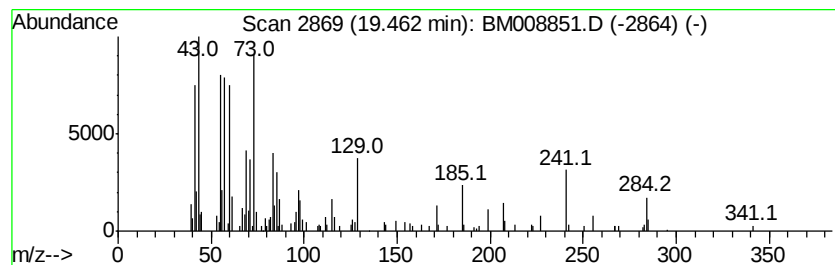
Instrument :
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.46	3.01 ng/ul	226108	Chrysene-d12	21.48		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	90
2	Octadecanoic acid		284	C18H36O2	000057-11-4	72
3	Octadecanoic acid, 2-(2-hydroxyve...		372	C22H44O4	000106-11-6	72
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	64
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	58



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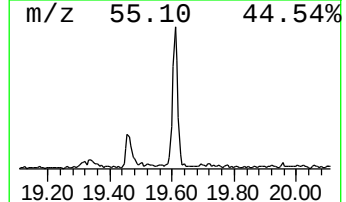
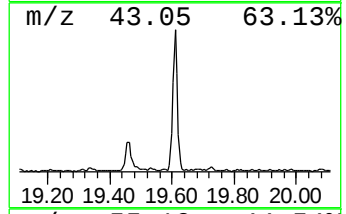
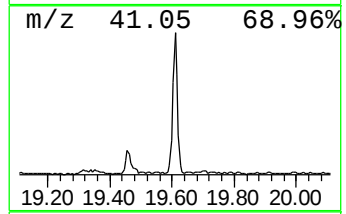
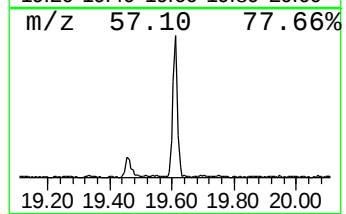
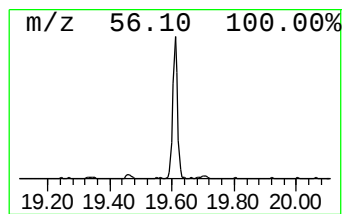
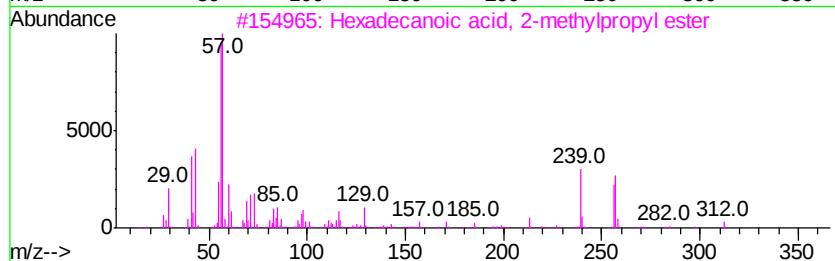
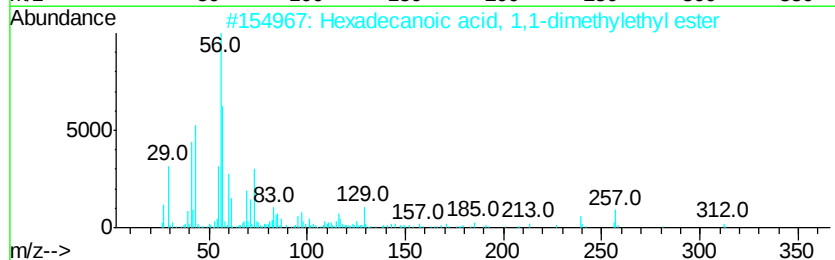
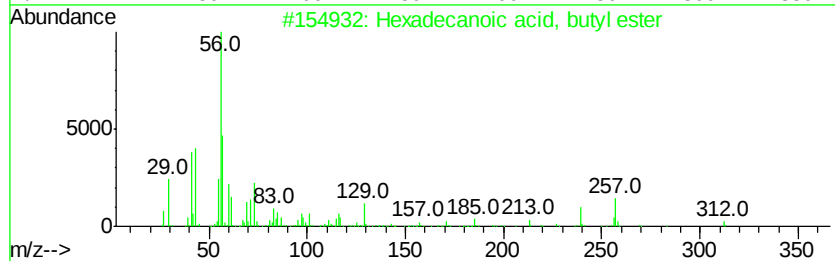
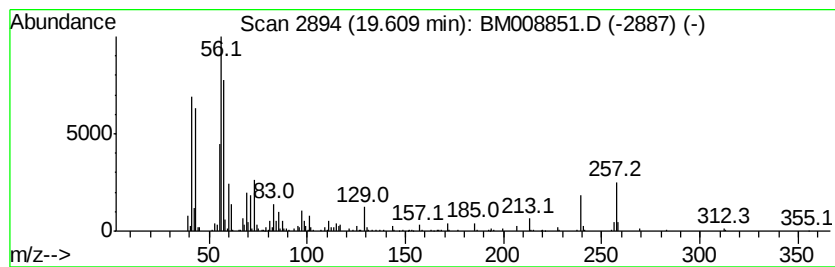
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	11.20 ng/ul	842837	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	55
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	52
5		Eicosanoic acid	312	C20H40O2	000506-30-9	42



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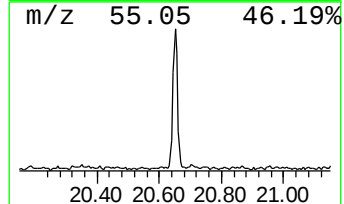
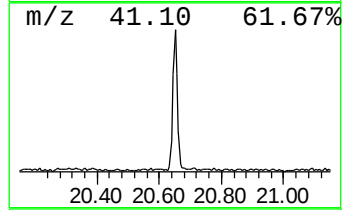
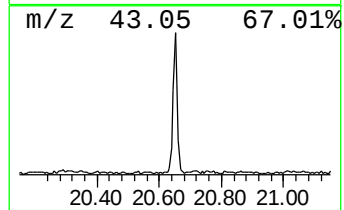
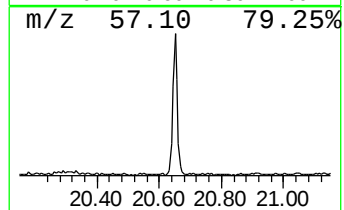
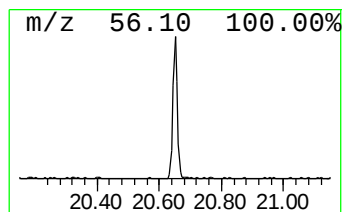
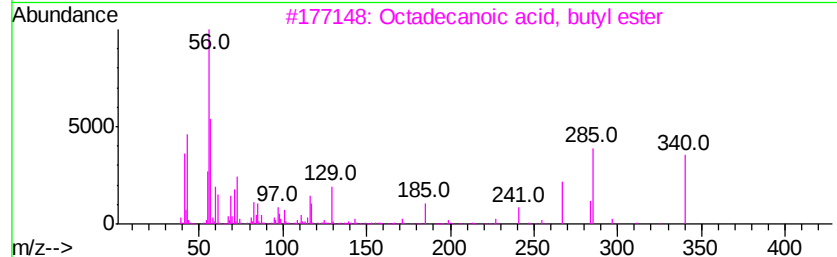
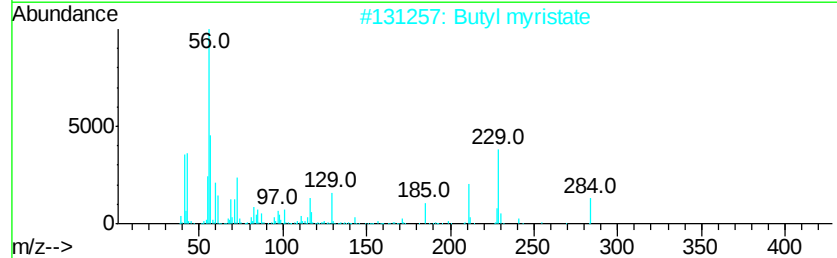
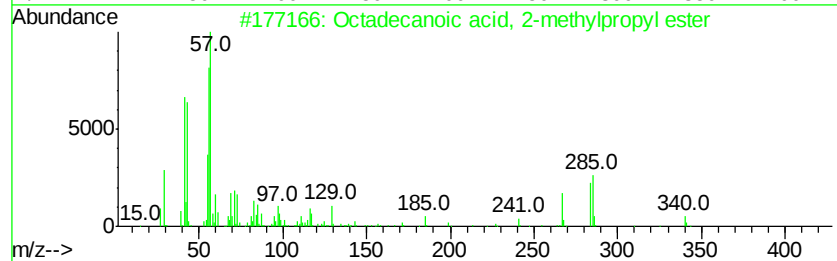
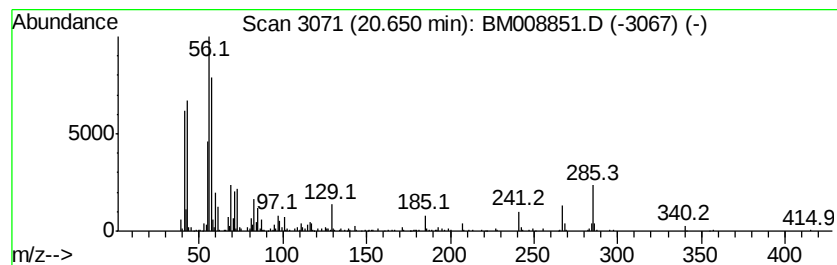
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Peak Number 4 Octadecanoic acid, 2-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	9.60 ng/ul	721974	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	91
2		Butyl myristate	284	C18H36O2	000110-36-1	58
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	50
4		2-Isopropyl-3-vinloxirane	112	C7H12O	070777-23-0	35
5		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	30



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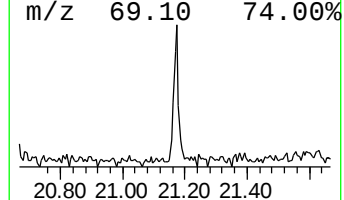
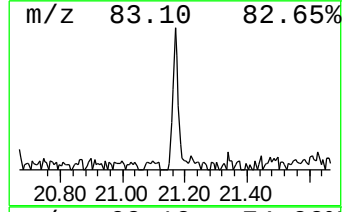
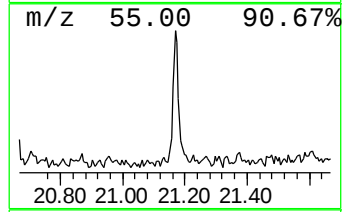
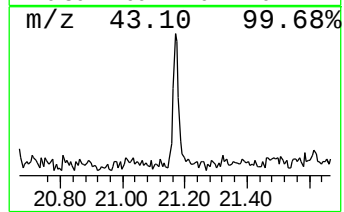
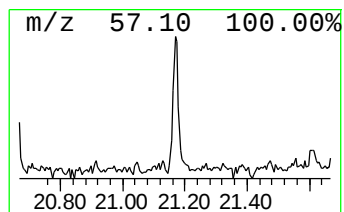
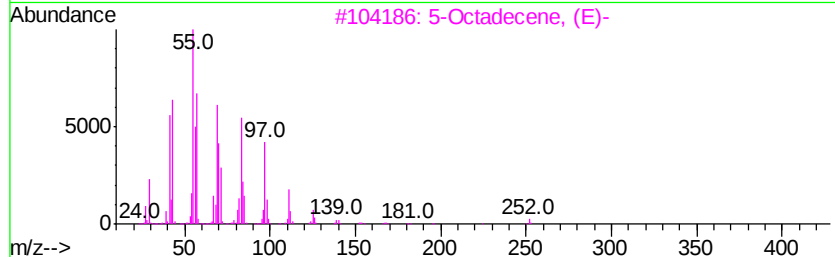
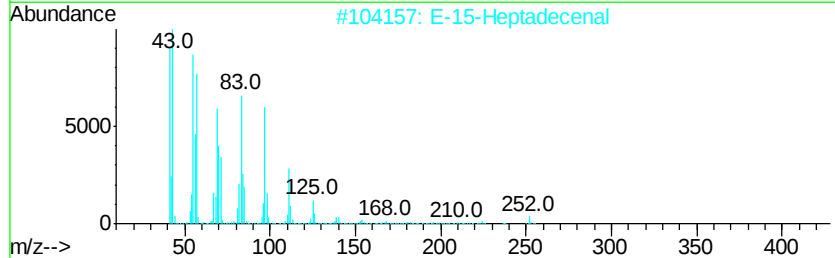
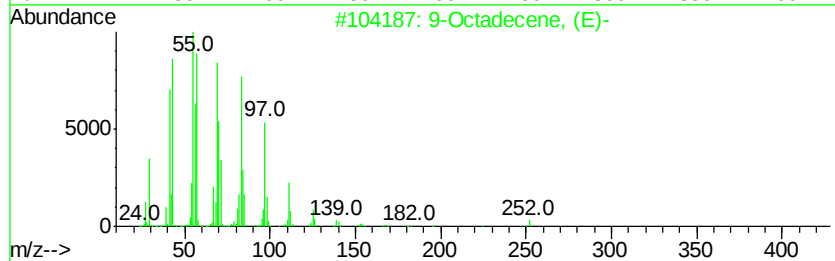
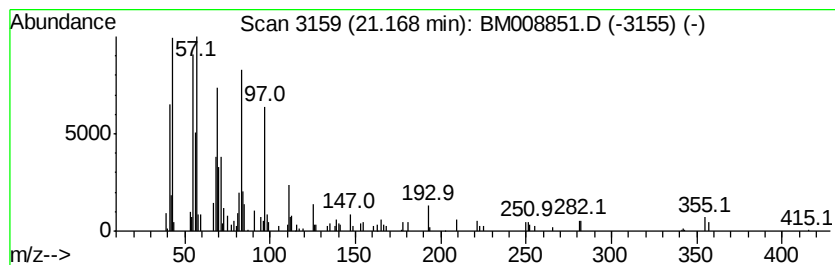
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Peak Number 5 (DEL) Alkane: Cyclic21.17 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.54 ng/ul	191386	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecene, (E)-	252	C18H36	007206-25-9	83
2		E-15-Heptadecenal	252	C17H32O	1000130-97-9	78
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	76
4		1-Nonadecene	266	C19H38	018435-45-5	66
5		Cyclotetracosane	336	C24H48	000297-03-0	62



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012417\
Data File : BM008851.D
Acq On : 24 Jan 2017 22:52
Operator : UM/SJ
Sample : I1315-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDN19

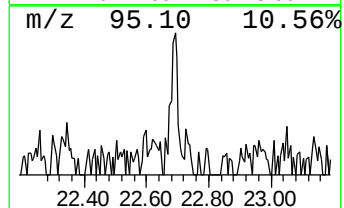
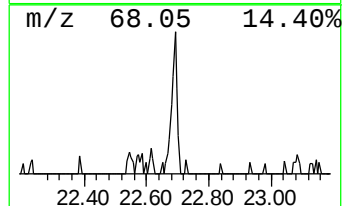
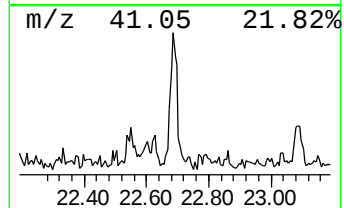
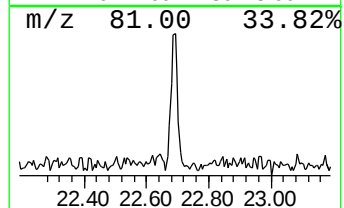
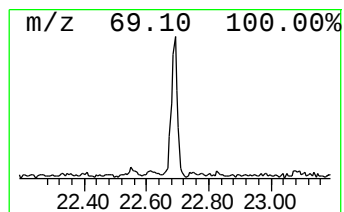
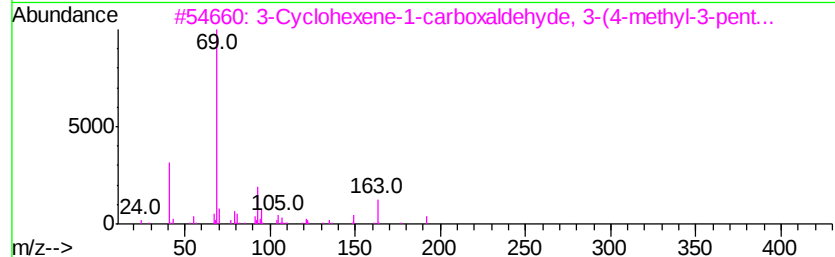
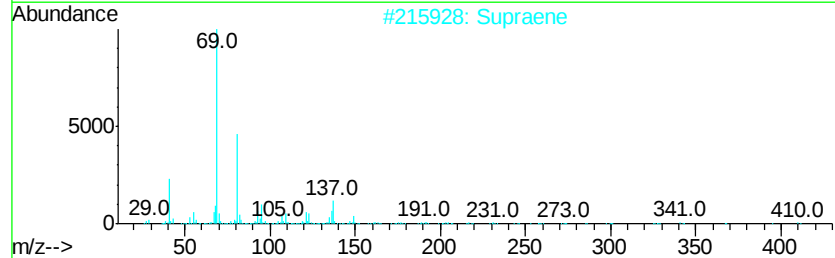
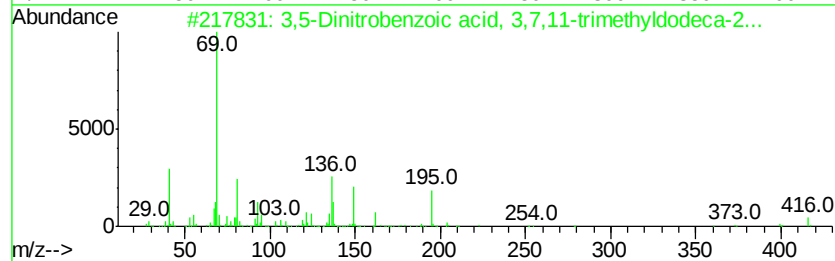
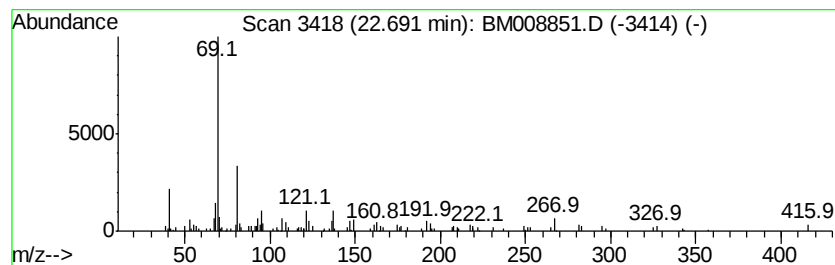
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 3,5-Dinitrobenzoic acid, 3,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.39 ng/ul	158928	Perylene-d12	23.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dinitrobenzoic acid, 3,7,11-...	416	C22H28N2O6	054605-44-6	72
2		Supraene	410	C30H50	007683-64-9	72
3		3-Cyclohexene-1-carboxaldehyde, ...	192	C13H20O	052475-89-5	64
4		Squalene	410	C30H50	000111-02-4	64
5		3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	56



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012417\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDN19

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.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	18.19	4.6	ng/ul	264918	4	17.32	1156550	20.0
Octadecanoic acid	19.46	3.0	ng/ul	226108	5	21.48	1504470	20.0
Hexadecanoic acid...	19.61	11.2	ng/ul	842837	5	21.48	1504470	20.0
Octadecanoic acid...	20.65	9.6	ng/ul	721974	5	21.48	1504470	20.0
(DEL) Alkane: Cyc...	21.17	2.5	ng/ul	191386	5	21.48	1504470	20.0
3,5-Dinitrobenzoi...	22.69	2.4	ng/ul	158928	6	23.84	1332540	20.0