

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
 Data File : BM014863.D
 Acq On : 30 Apr 2018 12:50
 Operator : SJ/JU
 Sample : J2603-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F1B63

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	24	rVB	935887	1277562	20.29%	1.937%
2	3.640	56	60	69	rVB	117300	162365	2.58%	0.246%
3	5.487	369	374	383	rBV	42563	67839	1.08%	0.103%
4	7.622	731	737	739	rBV	257184	430711	6.84%	0.653%
5	7.646	739	741	749	rVB	248058	356998	5.67%	0.541%
6	7.798	760	767	778	rBV	756909	1214600	19.29%	1.841%
7	8.016	797	804	812	rBV	843410	1363192	21.65%	2.066%
8	8.498	878	886	900	rBV	1482211	2407430	38.23%	3.649%
9	9.192	998	1004	1015	rBV	629887	1030289	16.36%	1.562%
10	9.681	1079	1087	1095	rBV	882079	1491576	23.68%	2.261%
11	10.410	1203	1211	1222	rBV	663563	1131276	17.96%	1.715%
12	10.945	1294	1302	1313	rBV	1018008	1723421	27.37%	2.612%
13	11.339	1361	1369	1379	rBV	1936075	3330046	52.88%	5.048%
14	11.463	1384	1390	1397	rBV	50279	95341	1.51%	0.145%
15	13.904	1799	1805	1813	rBV	51885	75193	1.19%	0.114%
16	14.492	1897	1905	1909	rBV	1729425	2410392	38.27%	3.654%
17	14.539	1909	1913	1918	rVB	474167	671946	10.67%	1.019%
18	14.804	1951	1958	1971	rBV	1991040	2934838	46.60%	4.449%
19	14.957	1979	1984	1992	rVB	203027	255857	4.06%	0.388%
20	15.104	2001	2009	2017	rBV2	2583308	3936021	62.50%	5.966%
21	15.263	2024	2036	2044	rBV	124743	246749	3.92%	0.374%
22	15.563	2083	2087	2095	rBV3	42024	68990	1.10%	0.105%
23	15.892	2139	2143	2148	rVB	252242	309653	4.92%	0.469%
24	16.080	2168	2175	2181	rBV	2535145	3632197	57.68%	5.506%
25	16.180	2187	2192	2202	rBV	630049	867609	13.78%	1.315%
26	16.292	2204	2211	2220	rBV2	54919	153870	2.44%	0.233%
27	16.745	2283	2288	2297	rBV	218963	349857	5.56%	0.530%
28	17.168	2357	2360	2369	rVB2	113211	152531	2.42%	0.231%
29	17.527	2416	2421	2425	rBV	106870	136782	2.17%	0.207%
30	17.815	2464	2470	2481	rBV2	3007485	4294367	68.19%	6.509%
31	17.915	2481	2487	2499	rVV	2574443	3752653	59.59%	5.688%
32	18.521	2585	2590	2603	rBV	351621	549059	8.72%	0.832%
33	18.645	2606	2611	2633	rVV	1160016	1787578	28.39%	2.710%
34	18.992	2664	2670	2679	rVB6	36037	99839	1.59%	0.151%

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35	19.174	2697	2701	2707	rBV4	58384	91328	1.45%	0.138%
36	19.768	2798	2802	2815	rVB2	177178	325241	5.16%	0.493%
37	19.886	2818	2822	2833	rBV	284640	407663	6.47%	0.618%
38	20.156	2862	2868	2874	rBV	2743787	3763467	59.76%	5.705%
39	21.568	3104	3108	3114	rBV	555302	724307	11.50%	1.098%
40	21.909	3161	3166	3175	rBV	3073626	4093815	65.01%	6.205%
41	23.144	3371	3376	3385	rVB	4348806	6297576	100.00%	9.546%
42	24.233	3555	3561	3569	rVB	1710639	3517625	55.86%	5.332%
43	24.391	3582	3588	3600	rVB2	1922703	3982304	63.24%	6.036%

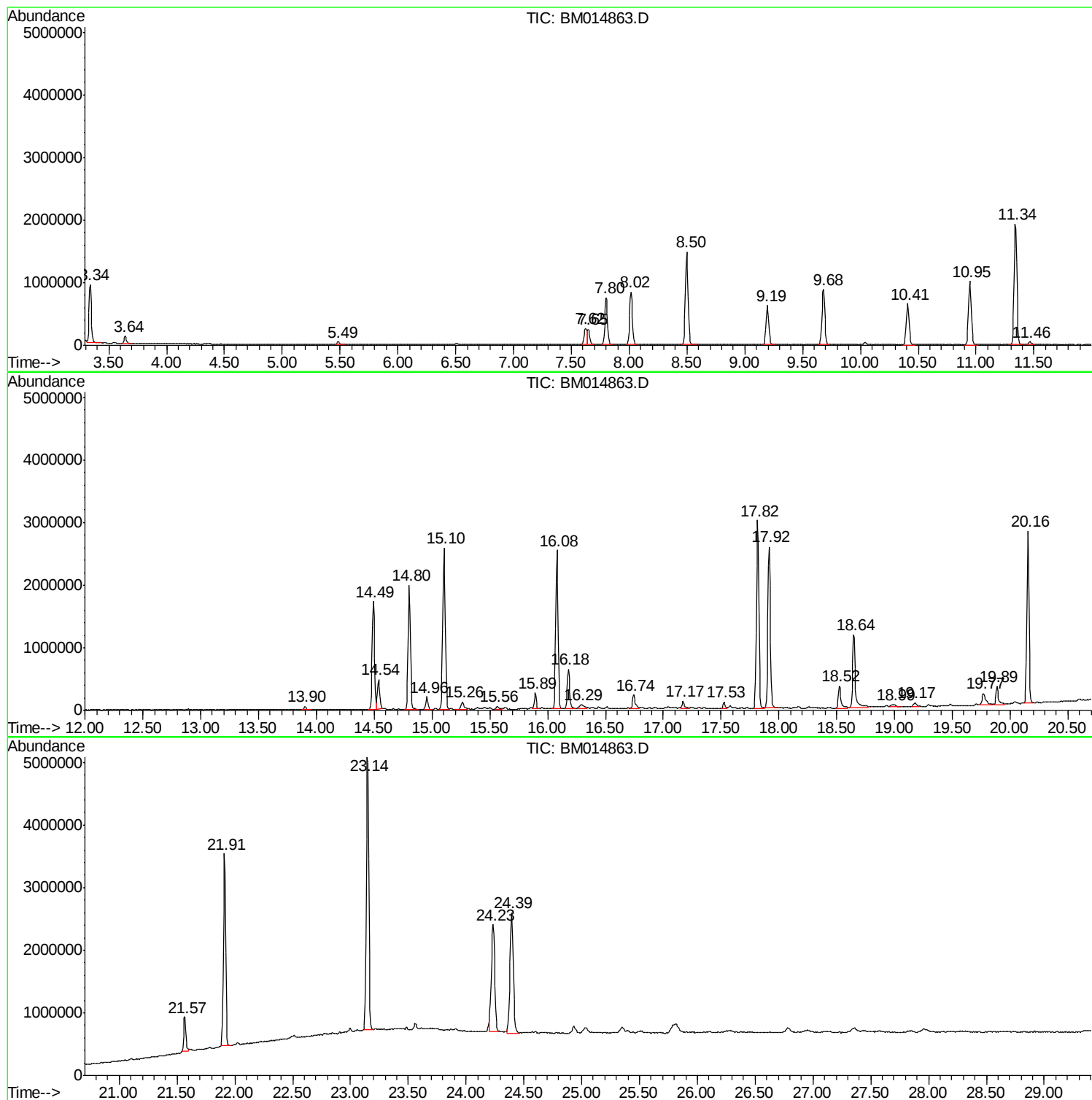
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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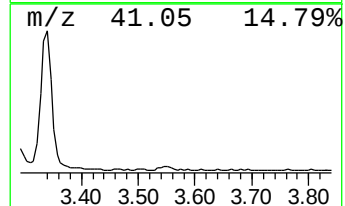
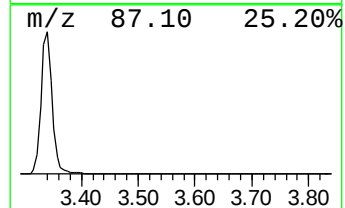
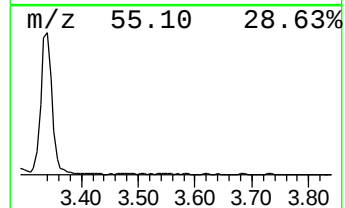
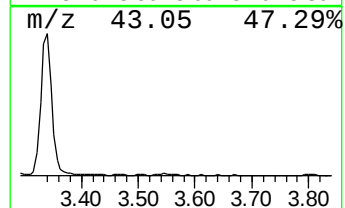
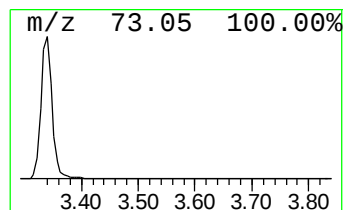
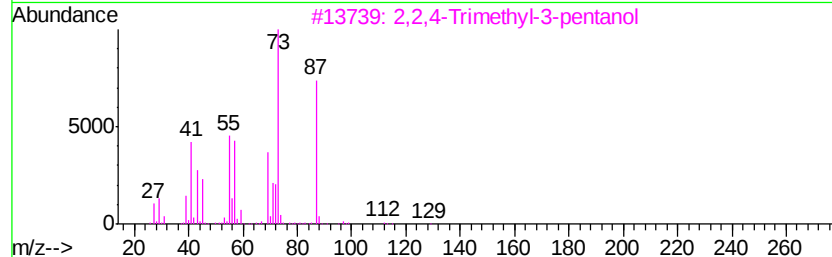
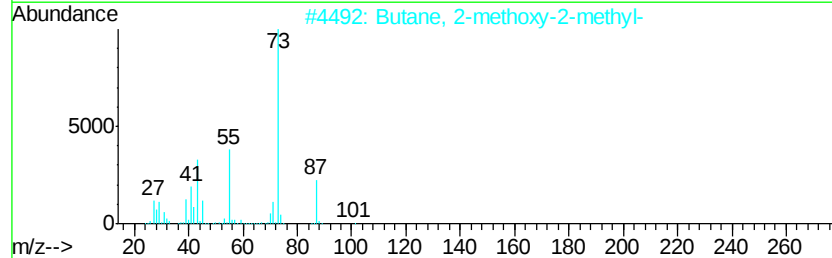
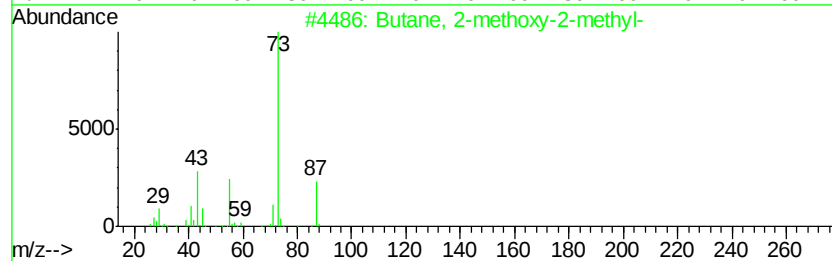
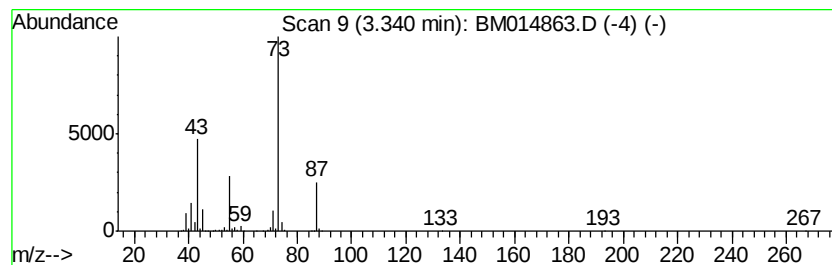
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	10.61 ng/ul	1277560	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		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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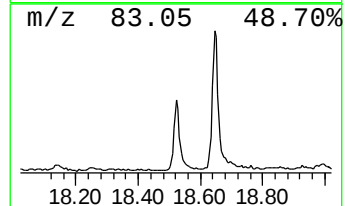
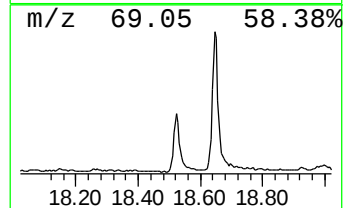
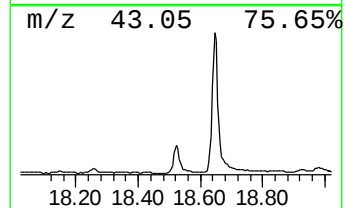
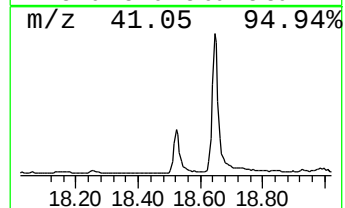
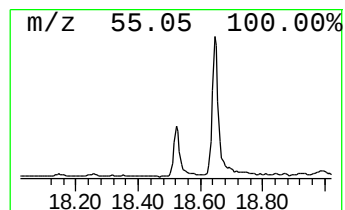
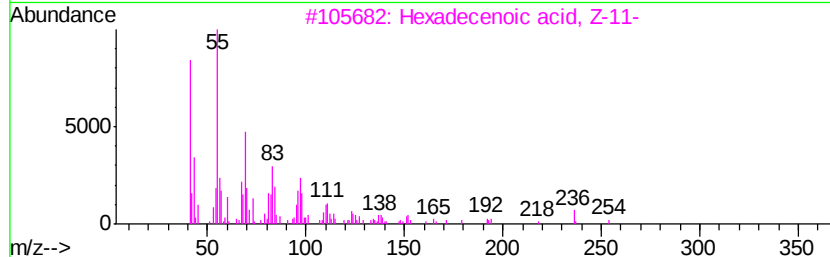
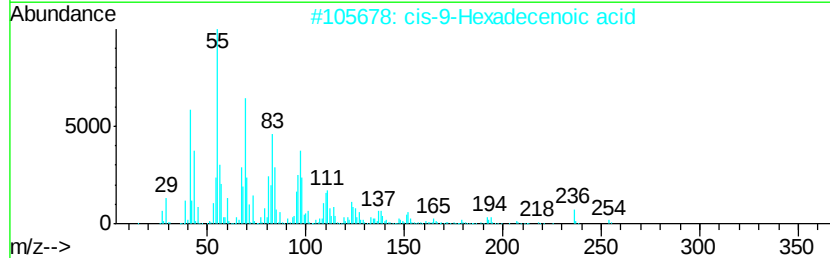
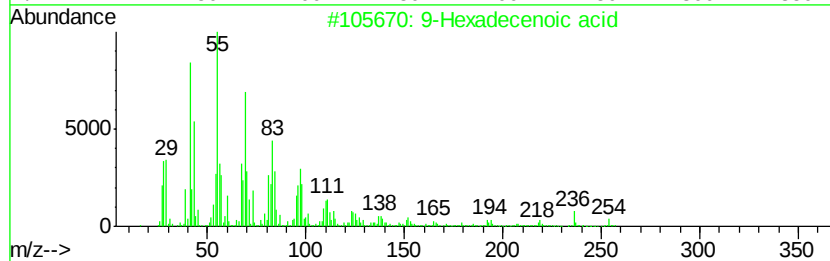
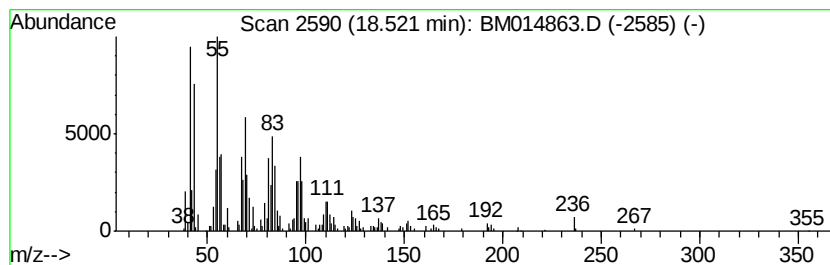
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Peak Number 2 9-Hexadecenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	2.56 ng/ul	549059	Phenanthrene-d10	17.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90
2		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	90
3		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	86
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	80
5		Palmitoleic acid	254	C16H30O2	000373-49-9	76



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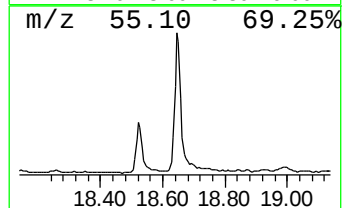
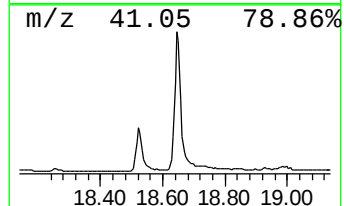
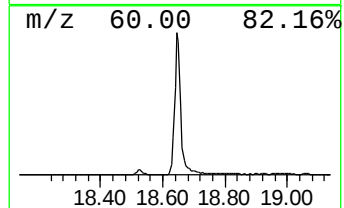
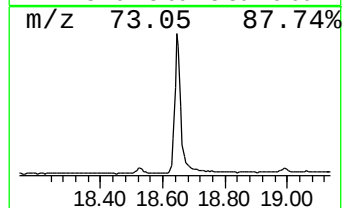
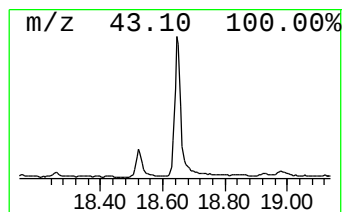
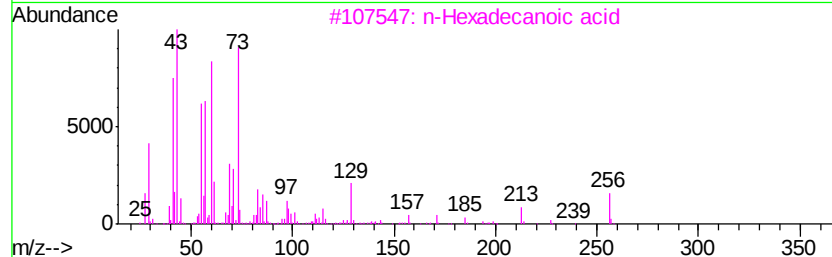
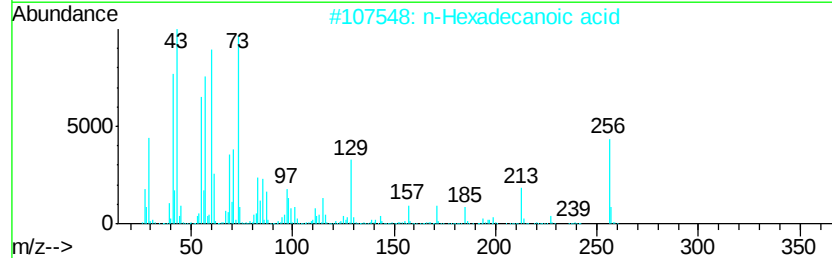
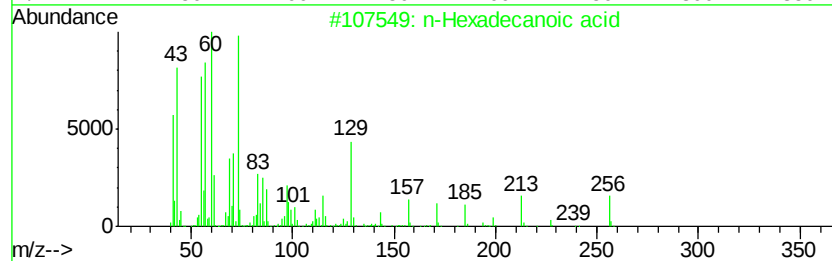
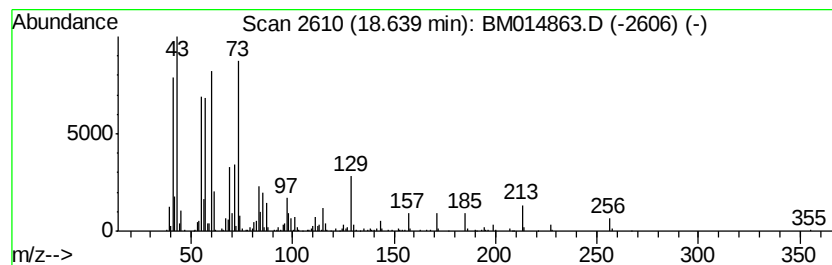
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	8.33 ng/ul	1787580	Phenanthrene-d10	17.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	87



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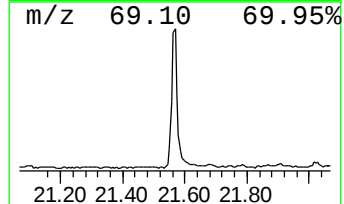
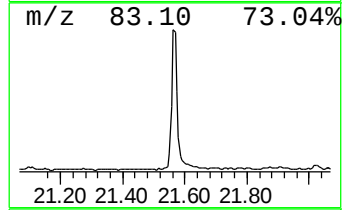
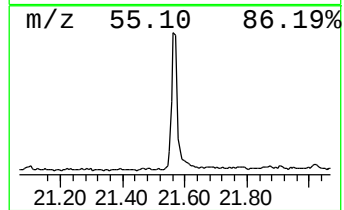
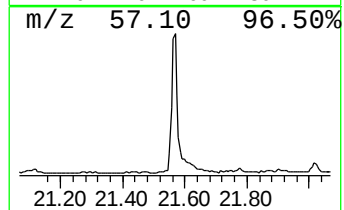
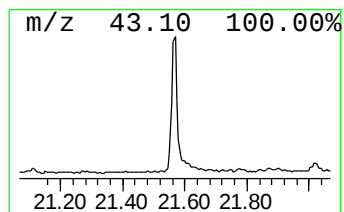
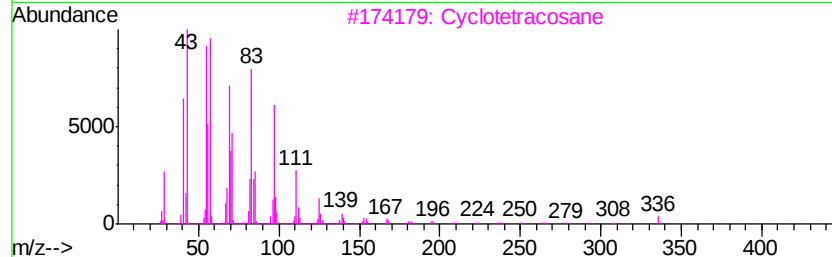
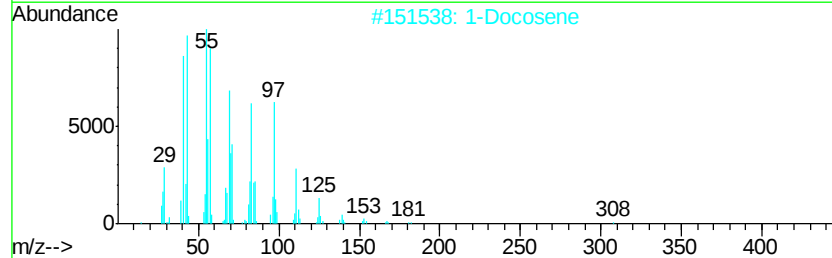
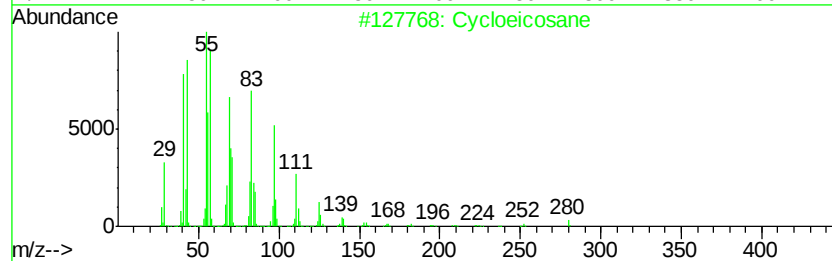
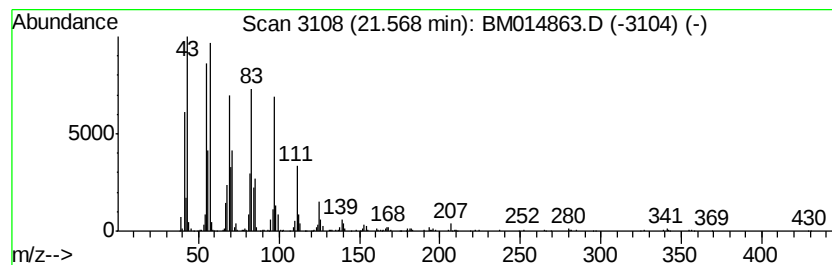
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Peak Number 4 (DEL) Alkane: Cyclic21.57 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	3.54 ng/ul	724307	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	98
2		1-Docosene	308	C22H44	001599-67-3	95
3		Cyclotetracosane	336	C24H48	000297-03-0	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94



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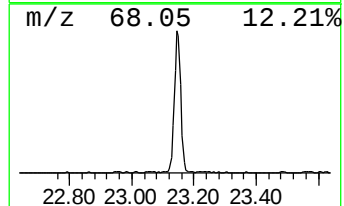
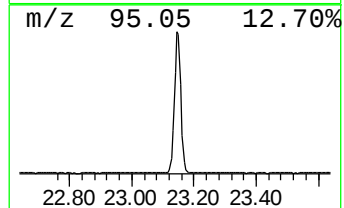
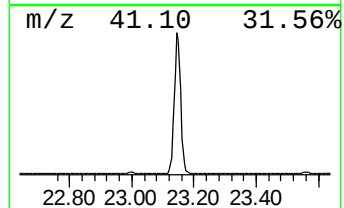
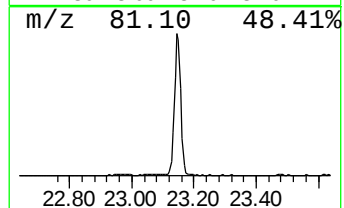
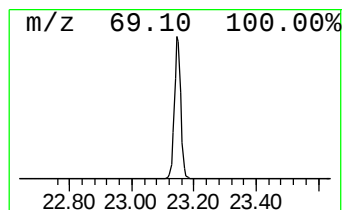
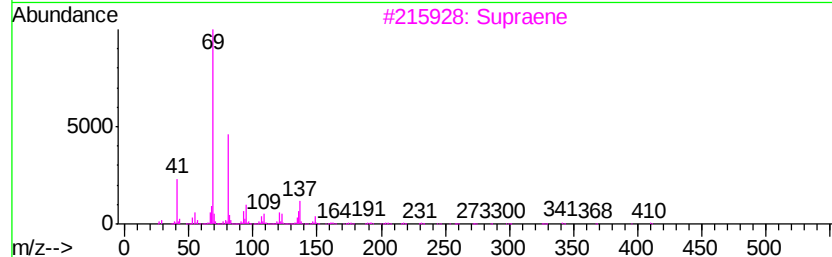
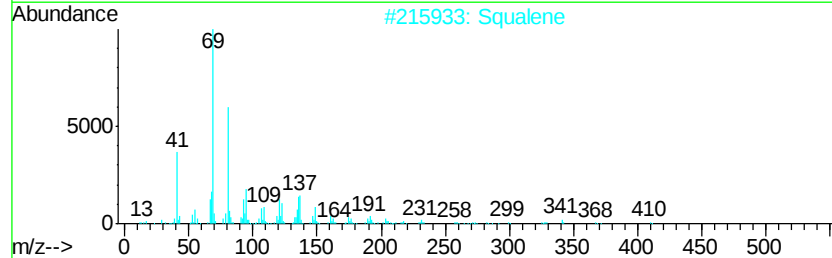
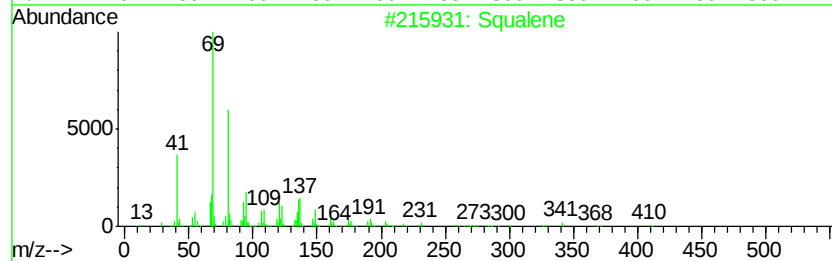
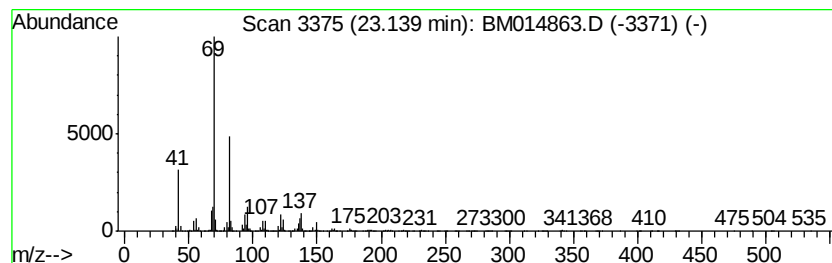
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Peak Number 5 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	30.77 ng/ul	6297580	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	95
2		Squalene	410	C30H50	000111-02-4	95
3		Supraene	410	C30H50	007683-64-9	91
4		Squalene	410	C30H50	000111-02-4	91
5		Squalene	410	C30H50	000111-02-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043018\
Data File : BM014863.D
Acq On : 30 Apr 2018 12:50
Operator : SJ/JU
Sample : J2603-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F1B63

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	10.6	ng/ul	1277560	1	8.50	2407430	20.0
9-Hexadecenoic acid	18.52	2.6	ng/ul	549059	4	17.82	4294370	20.0
n-Hexadecanoic acid	18.64	8.3	ng/ul	1787580	4	17.82	4294370	20.0
(DEL) Alkane: Cyc...	21.57	3.5	ng/ul	724307	5	21.91	4093820	20.0
Squalene	23.14	30.8	ng/ul	6297580	5	21.91	4093820	20.0