

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018159.D
 Acq On : 14 Dec 2018 09:25
 Operator : JU/SJ
 Sample : J6271-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E25

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.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	2.999	17	19	26	rVB5	2402	4429	0.12%	0.010%
2	3.105	33	37	42	rBV	29764	38933	1.03%	0.085%
3	3.399	83	87	92	rBV4	3650	5999	0.16%	0.013%
4	3.593	116	120	125	rBV6	7830	13451	0.35%	0.029%
5	3.699	134	138	143	rBV2	19164	27993	0.74%	0.061%
6	3.905	169	173	179	rVB2	14477	20235	0.53%	0.044%
7	4.163	213	217	220	rVV6	3631	4796	0.13%	0.011%
8	4.205	220	224	228	rVB3	4490	6082	0.16%	0.013%
9	4.675	299	304	315	rBV3	27327	51035	1.34%	0.112%
10	5.646	467	469	474	rBV2	2764	3806	0.10%	0.008%
11	5.940	514	519	524	rBV	15093	21010	0.55%	0.046%
12	6.704	642	649	664	rBV2	595793	1167441	30.74%	2.557%
13	6.863	669	676	692	rBV	493242	749895	19.75%	1.643%
14	7.046	701	707	717	rBV	650670	1022156	26.92%	2.239%
15	7.151	723	725	732	rBV3	4499	8208	0.22%	0.018%
16	7.334	752	756	763	rVB4	3285	5452	0.14%	0.012%
17	7.504	777	785	793	rBV	626444	1018653	26.82%	2.231%
18	8.222	901	907	920	rBV	762456	1312873	34.57%	2.876%
19	8.340	922	927	931	rVB3	5231	8924	0.23%	0.020%
20	8.663	974	982	996	rBV	663634	1082037	28.49%	2.370%
21	9.045	1042	1047	1054	rVB2	13021	21531	0.57%	0.047%
22	9.375	1096	1103	1115	rBV	573626	957029	25.20%	2.096%
23	9.910	1187	1194	1213	rBV	813692	1454648	38.31%	3.186%
24	10.275	1248	1256	1265	rBV	954743	1570881	41.37%	3.441%
25	10.434	1275	1283	1300	rBV	636119	1297312	34.16%	2.842%
26	11.892	1526	1531	1537	rBV	6915	11937	0.31%	0.026%
27	12.763	1674	1679	1684	rBV2	3098	4595	0.12%	0.010%
28	13.145	1742	1744	1748	rVB2	4285	4674	0.12%	0.010%
29	13.286	1763	1768	1772	rVB3	4372	6811	0.18%	0.015%
30	13.410	1784	1789	1793	rBV2	52808	77041	2.03%	0.169%
31	13.457	1793	1797	1803	rVB4	32929	49472	1.30%	0.108%
32	13.586	1813	1819	1824	rBV	1467132	2134757	56.21%	4.676%
33	13.633	1824	1827	1839	rVB	328843	441358	11.62%	0.967%
34	13.851	1857	1864	1877	rBV	1727350	2590150	68.21%	5.674%

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35	14.163	1909	1917	1931	rBV2	1405675	2097331	55.23%	4.594%
36	14.410	1953	1959	1985	rBV	416140	933460	24.58%	2.045%
37	14.616	1991	1994	2001	rVB6	14957	25952	0.68%	0.057%
38	14.980	2051	2056	2059	rBV2	5176	6737	0.18%	0.015%
39	15.027	2059	2064	2068	rBV4	6066	10634	0.28%	0.023%
40	15.169	2081	2088	2096	rBV	2184875	3154449	83.07%	6.910%
41	15.316	2108	2113	2124	rBV	592174	849304	22.36%	1.860%
42	15.410	2124	2129	2132	rVV2	27533	38303	1.01%	0.084%
43	15.451	2132	2136	2142	rVB	121745	165585	4.36%	0.363%
44	15.657	2167	2171	2178	rBV4	10769	16791	0.44%	0.037%
45	15.739	2180	2185	2186	rBV2	3634	4012	0.11%	0.009%
46	15.898	2208	2212	2215	rBV2	4172	6128	0.16%	0.013%
47	16.351	2284	2289	2295	rVV5	9214	15010	0.40%	0.033%
48	16.710	2344	2350	2362	rVB6	7092	22056	0.58%	0.048%
49	16.839	2369	2372	2379	rBV5	9687	15292	0.40%	0.033%
50	16.921	2380	2386	2393	rBV	1572675	2256409	59.42%	4.943%
51	17.021	2397	2403	2417	rVB2	2042955	2982147	78.53%	6.532%
52	17.121	2417	2420	2424	rBV3	7365	8376	0.22%	0.018%
53	17.227	2435	2438	2439	rBV2	6677	5503	0.14%	0.012%
54	17.245	2439	2441	2446	rVB5	2933	4548	0.12%	0.010%
55	17.327	2451	2455	2458	rVB3	4500	6531	0.17%	0.014%
56	17.574	2493	2497	2500	rBV3	3748	5374	0.14%	0.012%
57	17.710	2515	2520	2526	rBV5	21335	38104	1.00%	0.083%
58	17.786	2528	2533	2536	rBV4	7539	13809	0.36%	0.030%
59	17.839	2536	2542	2552	rBV	639481	859684	22.64%	1.883%
60	18.139	2588	2593	2596	rBV6	7569	12971	0.34%	0.028%
61	18.198	2599	2603	2610	rVB8	5080	14288	0.38%	0.031%
62	18.263	2612	2614	2619	rBV4	4173	4487	0.12%	0.010%
63	18.304	2619	2621	2624	rBV3	3397	3927	0.10%	0.009%
64	18.451	2643	2646	2648	rBV3	3470	4169	0.11%	0.009%
65	18.515	2654	2657	2662	rBV5	7681	13860	0.36%	0.030%
66	18.639	2676	2678	2682	rVB5	5826	6332	0.17%	0.014%
67	18.704	2688	2689	2693	rVB3	5459	6024	0.16%	0.013%
68	18.768	2698	2700	2706	rBV7	4778	7636	0.20%	0.017%
69	19.010	2729	2741	2744	rBV4	52198	163465	4.30%	0.358%
70	19.133	2757	2762	2773	rBV	307387	473525	12.47%	1.037%
71	19.221	2773	2777	2783	rVV	31926	57579	1.52%	0.126%

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72	19.280	2785	2787	2789	rVV2	11248	11227	0.30%	0.025%
73	19.333	2790	2796	2804	rVV	2801789	3797487	100.00%	8.318%
74	19.398	2804	2807	2810	rVB5	25801	28601	0.75%	0.063%
75	19.833	2879	2881	2883	rBV2	6417	5523	0.15%	0.012%
76	19.868	2884	2887	2891	rBV5	20354	30197	0.80%	0.066%
77	20.221	2944	2947	2952	rBV5	38086	46348	1.22%	0.102%
78	20.398	2972	2977	2979	rBV5	26084	40794	1.07%	0.089%
79	20.862	3052	3056	3065	rBV	597901	767993	20.22%	1.682%
80	21.139	3098	3103	3113	rBV	1866499	2538595	66.85%	5.561%
81	21.304	3128	3131	3138	rBV5	51171	81227	2.14%	0.178%
82	21.751	3200	3207	3211	rBV5	134070	295329	7.78%	0.647%
83	22.174	3275	3279	3283	rBV3	101866	121203	3.19%	0.265%
84	22.292	3296	3299	3305	rVB	133397	168638	4.44%	0.369%
85	22.656	3357	3361	3365	rVB2	127123	163602	4.31%	0.358%
86	23.168	3441	3448	3460	rVB	1478268	2840824	74.81%	6.223%
87	23.303	3464	3471	3480	rBV	1021781	1946357	51.25%	4.263%
88	23.797	3551	3555	3561	rVB2	164626	295918	7.79%	0.648%
89	23.892	3567	3571	3580	rVB4	147534	288409	7.59%	0.632%
90	25.591	3855	3860	3872	rVB6	267049	679493	17.89%	1.488%

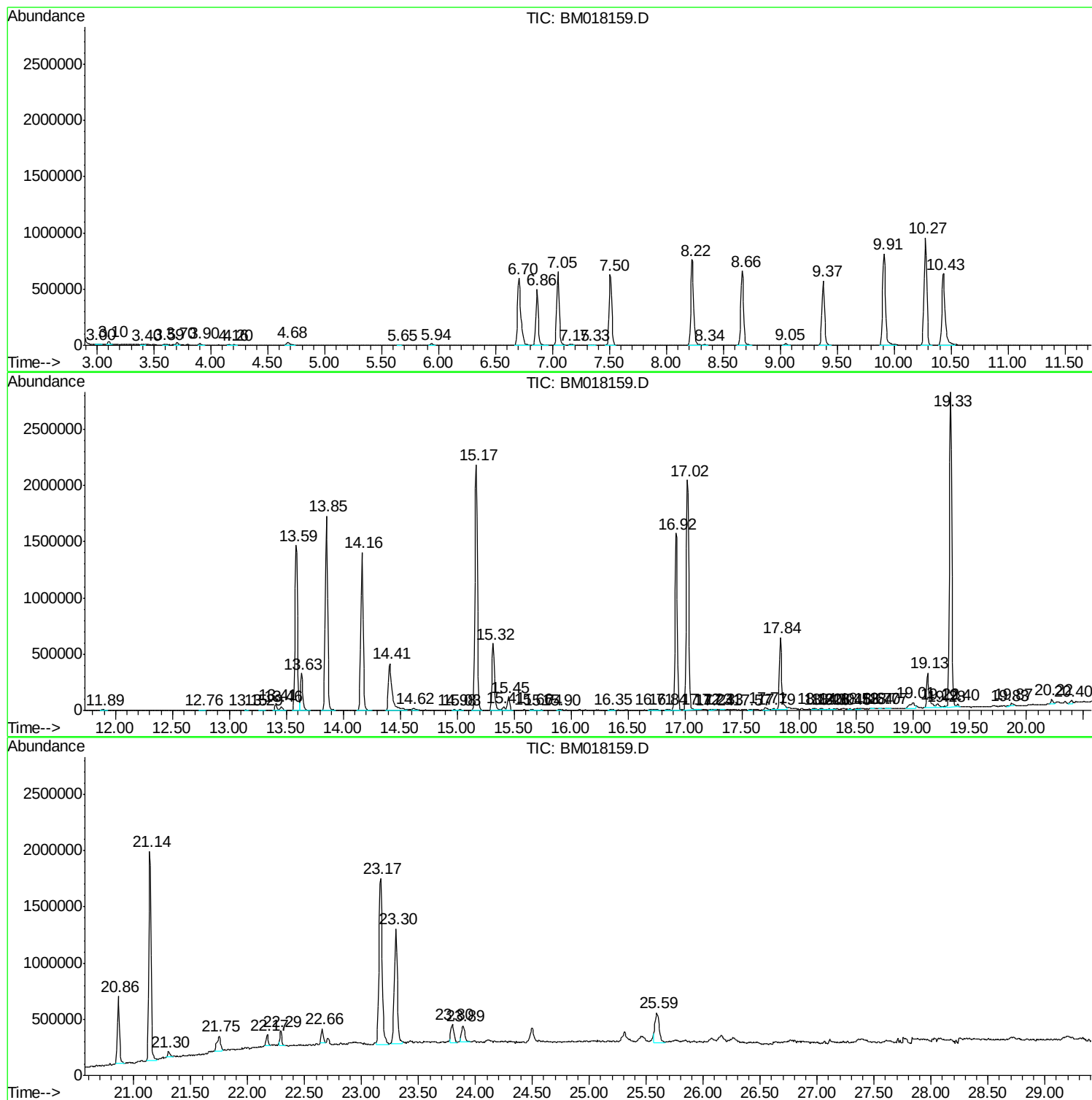
Sum of corrected areas: 45653161

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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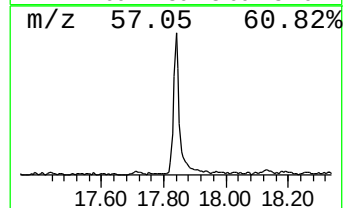
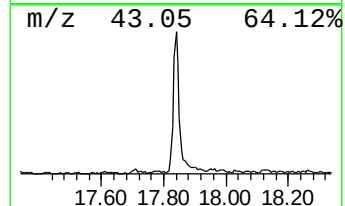
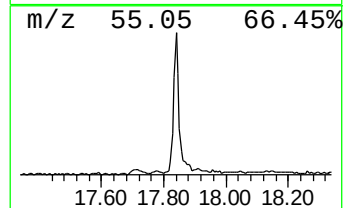
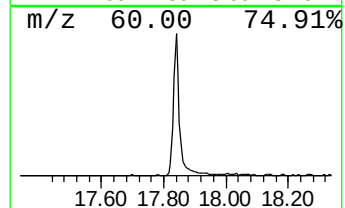
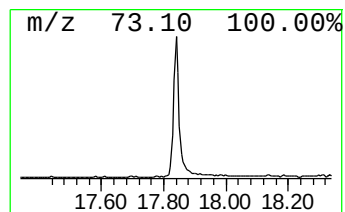
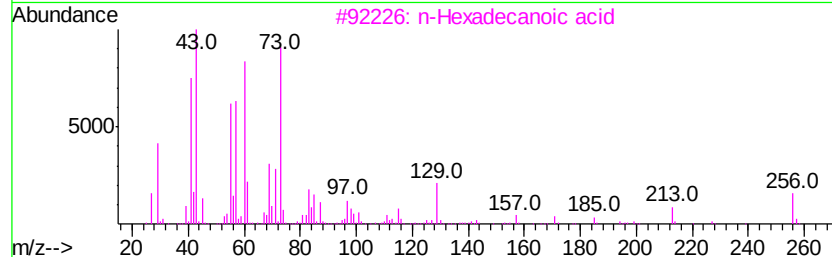
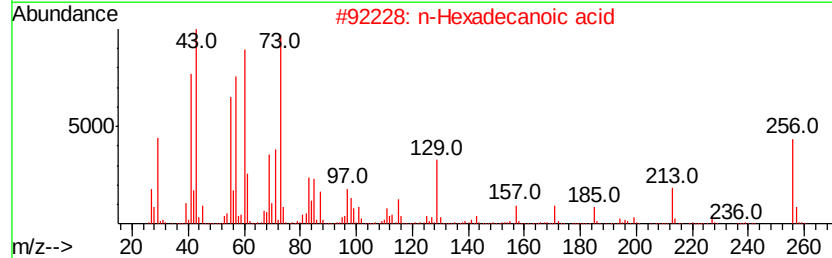
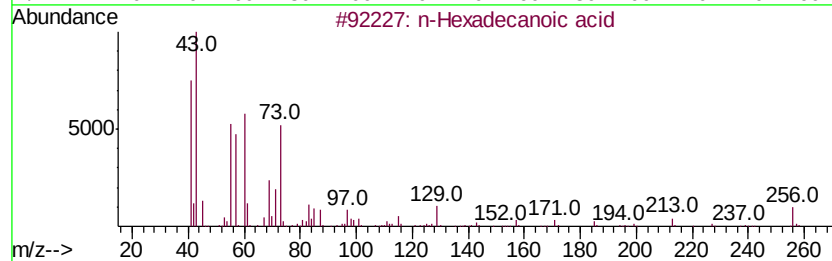
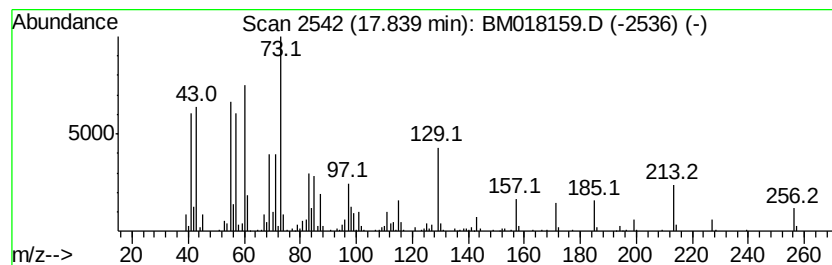
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.84	7.62 ng/ul	859684	Phenanthrene-d10		16.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76	



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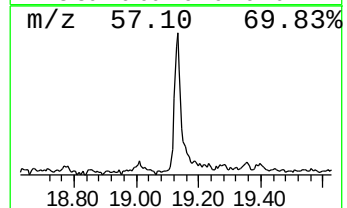
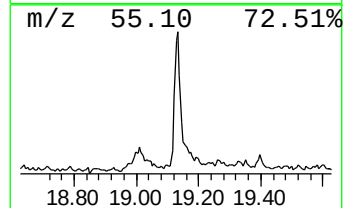
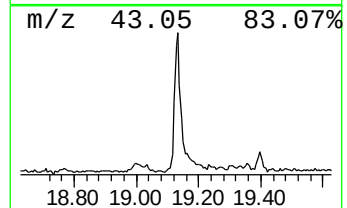
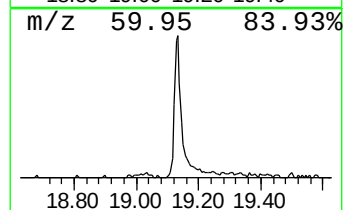
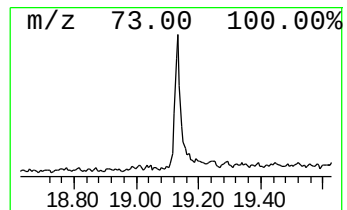
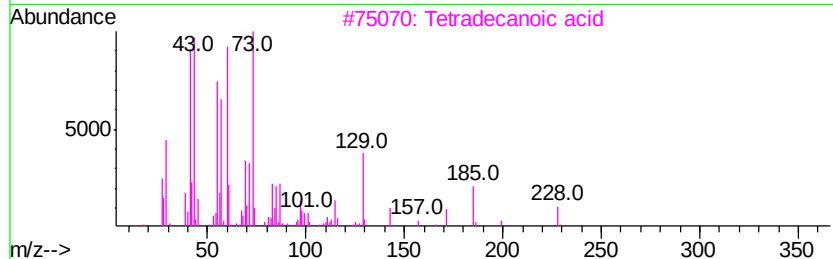
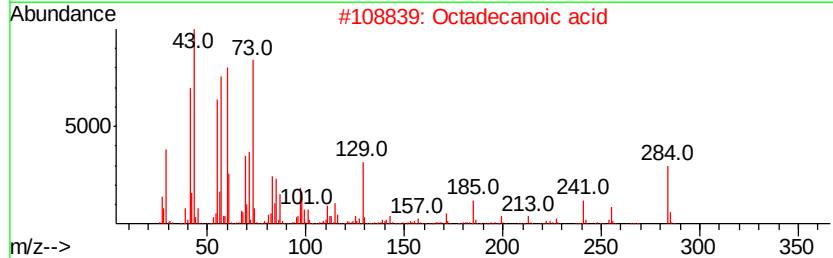
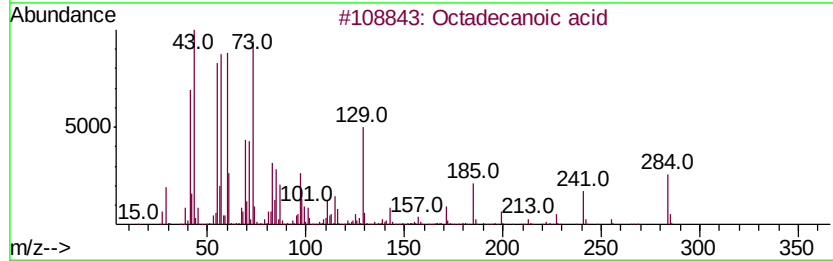
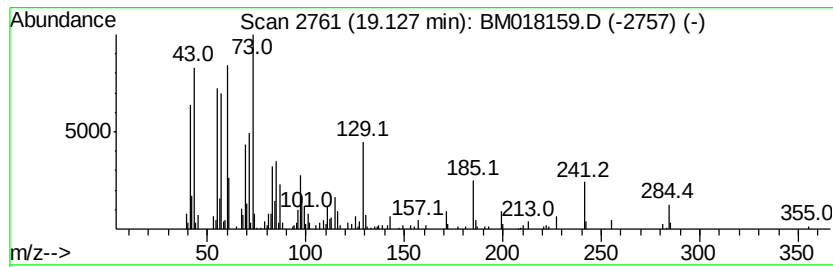
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.73 ng/ul	473525	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Octadecanoic acid	284	C18H36O2	000057-11-4	70
5		Octadecanoic acid	284	C18H36O2	000057-11-4	62



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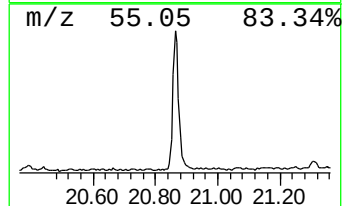
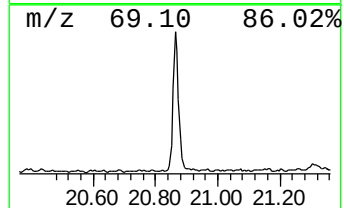
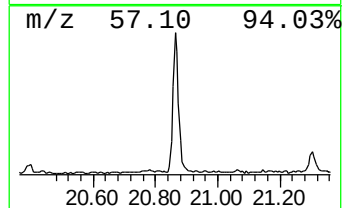
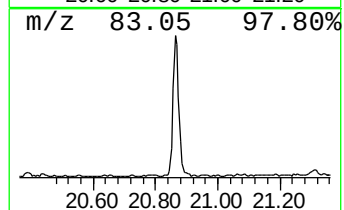
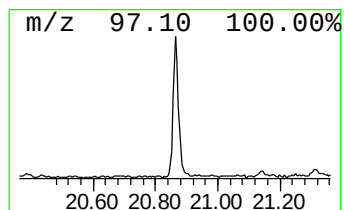
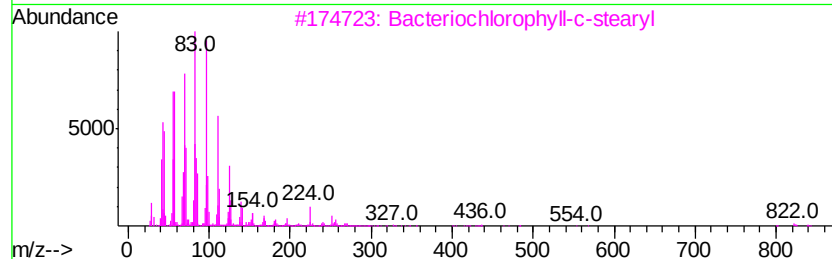
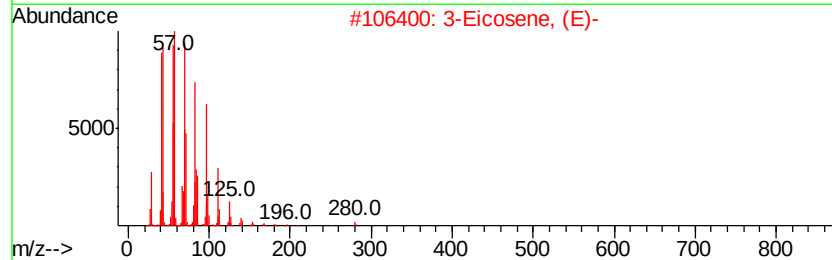
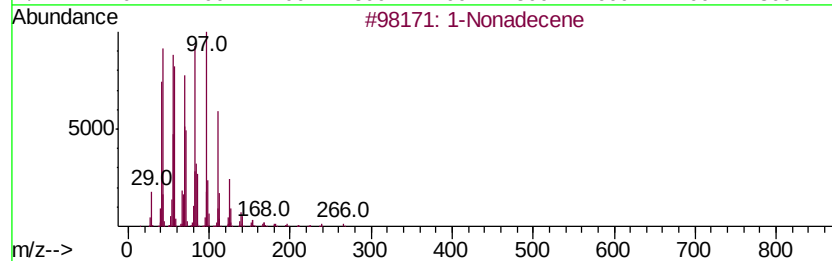
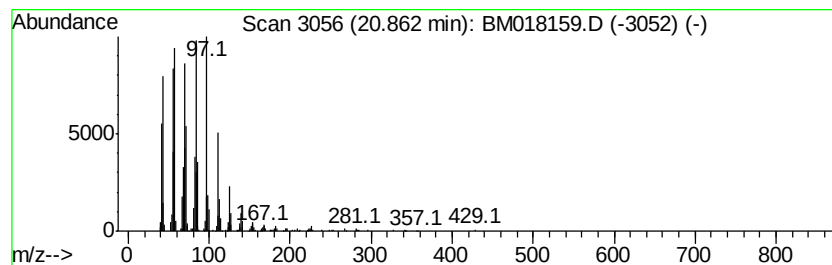
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.86 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	6.05 ng/ul	767993	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	91
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		2-Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	90



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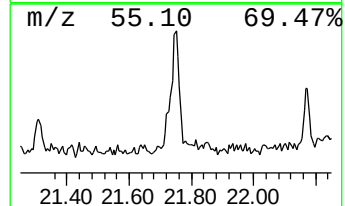
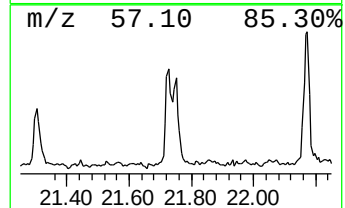
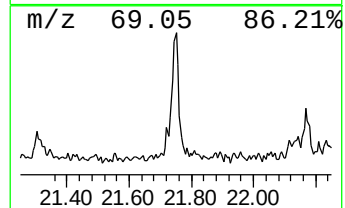
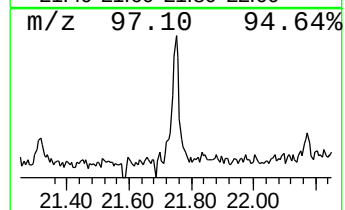
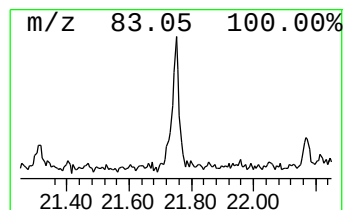
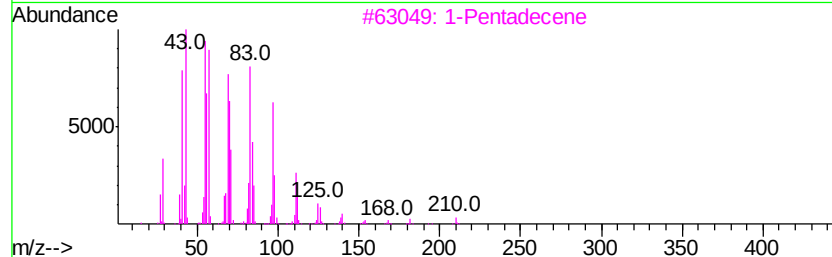
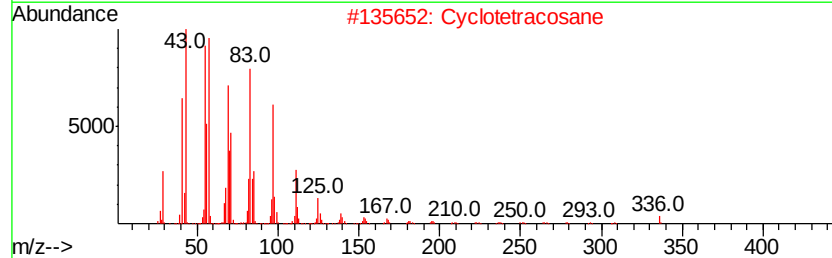
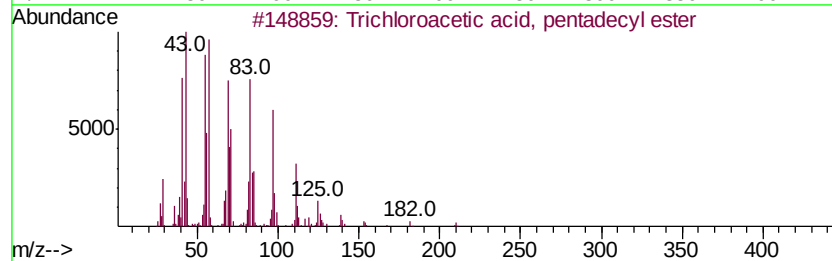
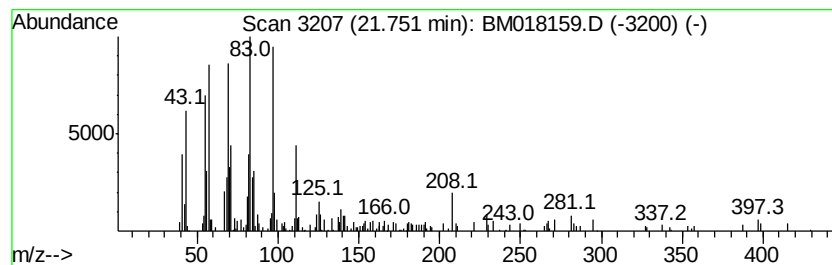
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Trichloroacetic acid, penta... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.33 ng/ul	295329	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
2		Cyclotetracosane	336	C24H48	000297-03-0	64
3		1-Pentadecene	210	C15H30	013360-61-7	64
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	58
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018159.D
Acq On : 14 Dec 2018 09:25
Operator : JU/SJ
Sample : J6271-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E25

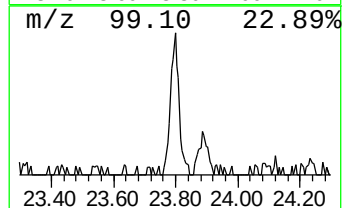
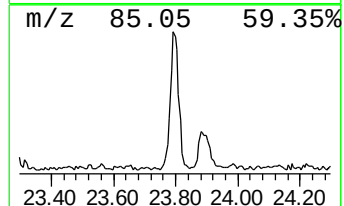
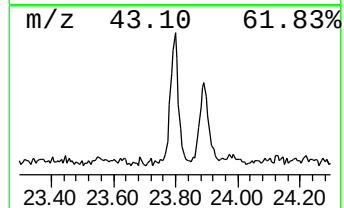
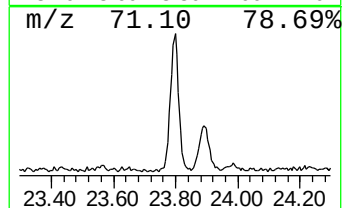
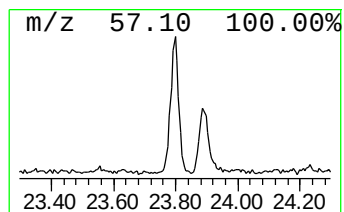
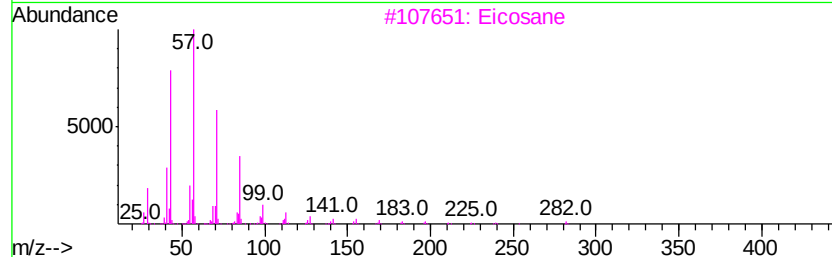
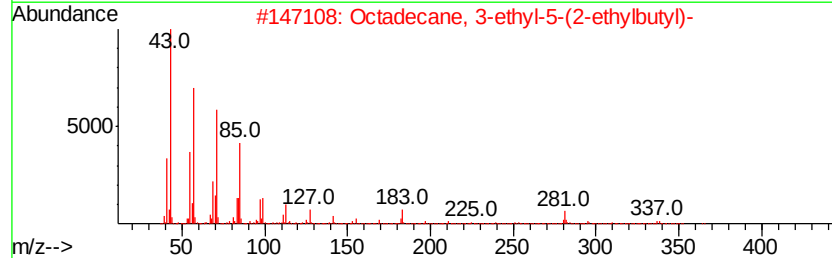
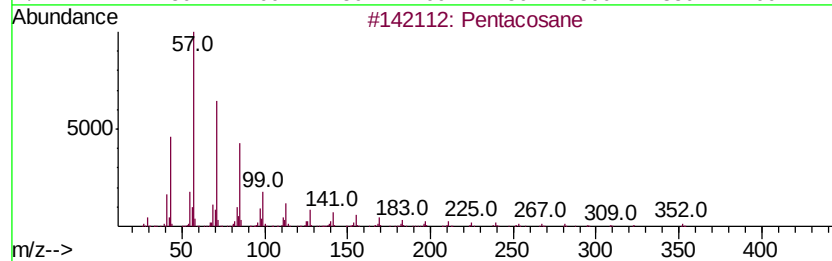
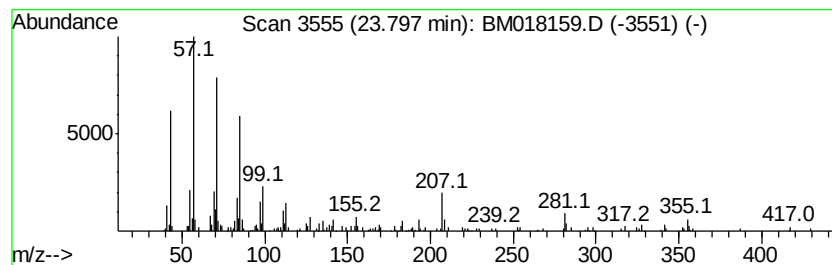
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	3.04 ng/ul	295918	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	89
2		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	72
3		Eicosane	282	C20H42	000112-95-8	70
4		Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	64
5		Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018159.D
Acq On : 14 Dec 2018 09:25
Operator : JU/SJ
Sample : J6271-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E25

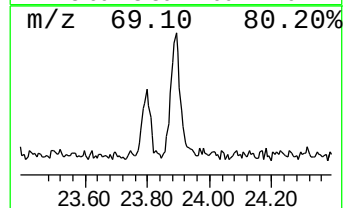
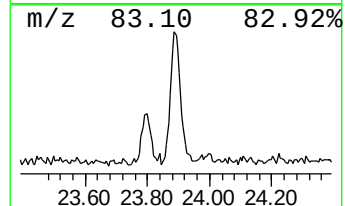
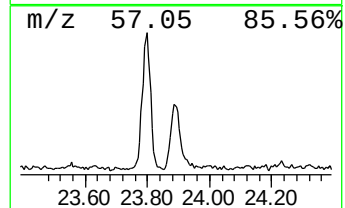
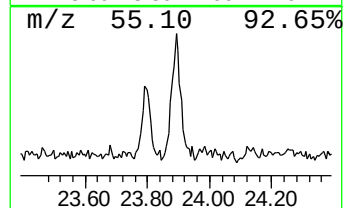
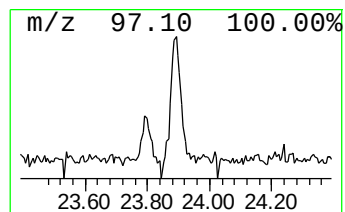
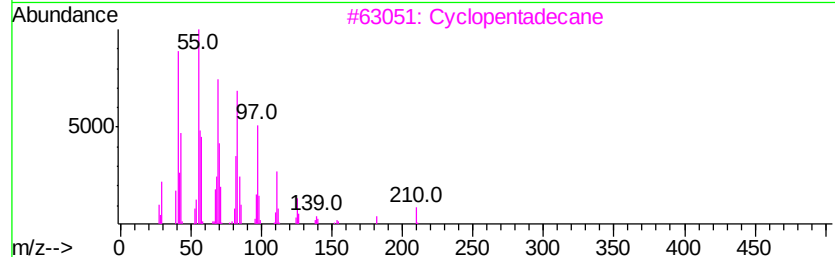
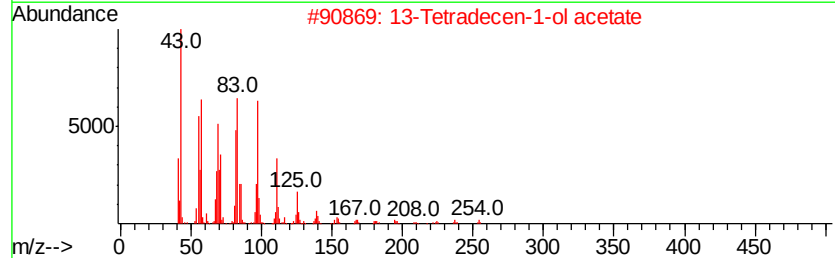
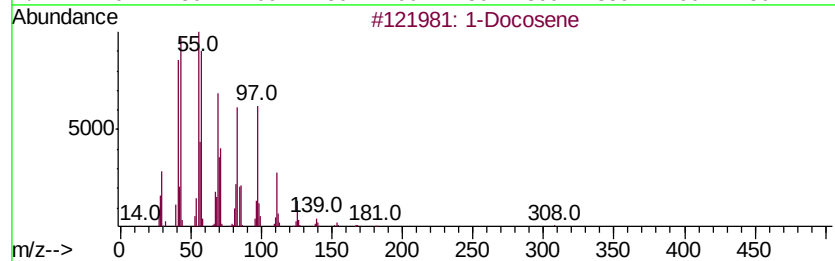
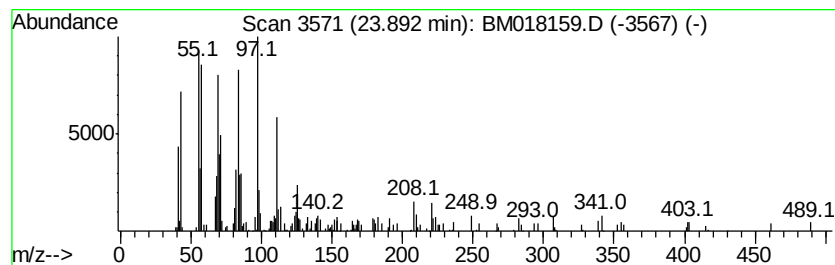
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic23.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.96 ng/ul	288409	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	90
2		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	83
3		Cyclopentadecane	210	C15H30	000295-48-7	70
4		Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	64
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018159.D
Acq On : 14 Dec 2018 09:25
Operator : JU/SJ
Sample : J6271-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

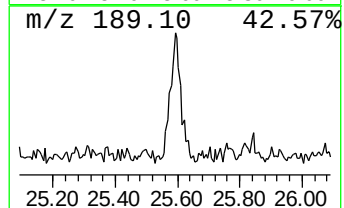
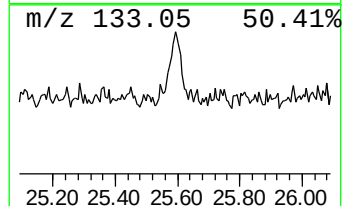
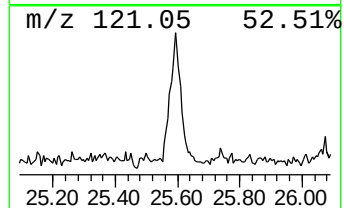
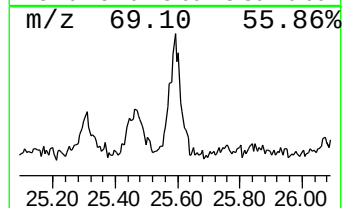
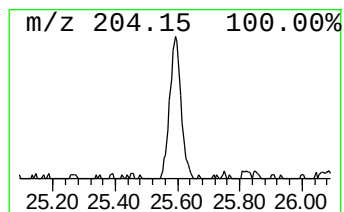
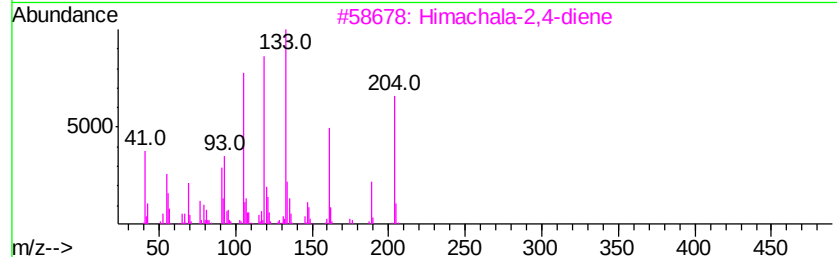
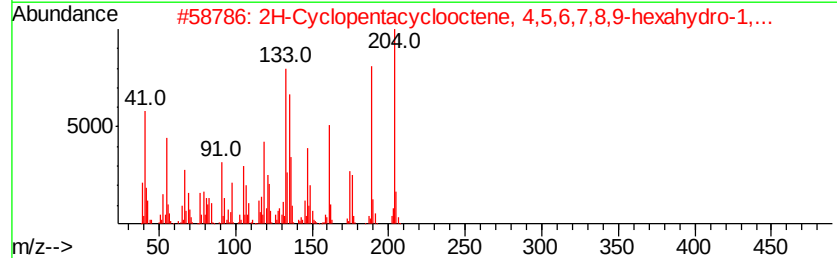
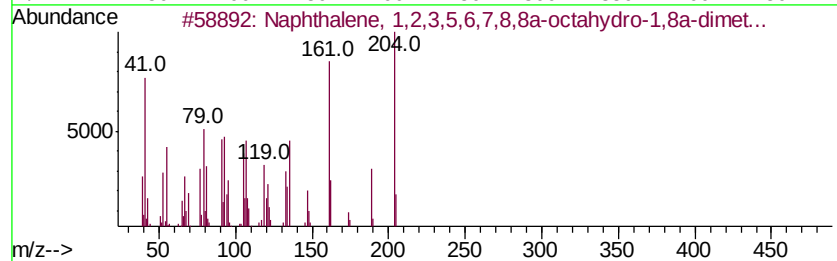
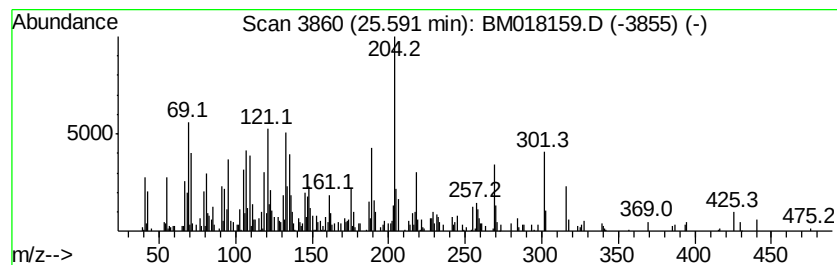
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
25.59	6.98 ng/ul	679493	Perylene-d12	23.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	60
2		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	55
3		Himachala-2,4-diene	204	C15H24	060909-27-5	27
4		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	27
5		4,4,5,8-Tetramethyl-chroman-2-one	204	C13H1602	040662-15-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
Data File : BM018159.D
Acq On : 14 Dec 2018 09:25
Operator : JU/SJ
Sample : J6271-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	7.6	ng/ul	859684	4	16.92	2256410	20.0
Octadecanoic acid	19.13	3.7	ng/ul	473525	5	21.14	2538600	20.0
(DEL) Alkane: Cyc...	20.86	6.0	ng/ul	767993	5	21.14	2538600	20.0
Trichloroacetic a...	21.75	2.3	ng/ul	295329	5	21.14	2538600	20.0
(DEL) Alkane: Str...	23.80	3.0	ng/ul	295918	6	23.30	1946360	20.0
(DEL) Alkane: Cyc...	23.89	3.0	ng/ul	288409	6	23.30	1946360	20.0
Naphthalene, 1,2,...	25.59	7.0	ng/ul	679493	6	23.30	1946360	20.0