

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
 Data File : BM018101.D
 Acq On : 12 Dec 2018 20:16
 Operator : JU/SJ
 Sample : J6227-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E57

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-BM111918MA.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	3.152	24	28	35	rBV2	18814	29692	0.78%	0.083%
2	3.416	70	73	83	rBV	17379	30788	0.81%	0.086%
3	3.746	125	129	136	rBV7	5501	11346	0.30%	0.032%
4	3.946	159	163	167	rVB3	4272	6710	0.18%	0.019%
5	4.199	201	206	208	rBV5	2975	3844	0.10%	0.011%
6	4.716	289	294	296	rBV	7256	9695	0.25%	0.027%
7	4.740	296	298	303	rVB4	4821	6841	0.18%	0.019%
8	5.693	456	460	462	rBV2	2633	4043	0.11%	0.011%
9	5.975	505	508	512	rBV3	4947	6233	0.16%	0.017%
10	6.740	631	638	655	rBV2	373518	831843	21.87%	2.319%
11	6.898	657	665	679	rBV	341683	566327	14.89%	1.579%
12	7.081	690	696	710	rBV	451062	759218	19.96%	2.117%
13	7.193	710	715	721	rVV3	8964	18418	0.48%	0.051%
14	7.545	767	775	784	rBV	355956	585272	15.39%	1.632%
15	7.610	784	786	792	rVB4	5741	8273	0.22%	0.023%
16	8.257	889	896	909	rBV	508455	927793	24.40%	2.587%
17	8.698	961	971	983	rBV	418769	726073	19.09%	2.024%
18	9.081	1031	1036	1041	rVB2	9293	13442	0.35%	0.037%
19	9.410	1086	1092	1104	rBV	358224	628672	16.53%	1.753%
20	9.945	1176	1183	1195	rBV	458775	862455	22.68%	2.405%
21	10.310	1235	1245	1255	rBV	519755	871765	22.92%	2.430%
22	10.469	1265	1272	1288	rBV	386807	882704	23.21%	2.461%
23	11.933	1516	1521	1528	rBV3	3763	9166	0.24%	0.026%
24	13.616	1801	1807	1812	rBV	1014807	1486017	39.07%	4.143%
25	13.669	1812	1816	1825	rVB	342555	526616	13.85%	1.468%
26	13.880	1845	1852	1866	rBV	1235812	1867102	49.10%	5.205%
27	14.192	1899	1905	1922	rVB2	796205	1225637	32.23%	3.417%
28	14.445	1941	1948	1967	rBV2	207729	601353	15.81%	1.677%
29	14.663	1983	1985	1992	rVV4	3607	4506	0.12%	0.013%
30	14.716	1992	1994	1999	rVB3	3324	5206	0.14%	0.015%
31	15.151	2063	2068	2069	rBV2	2399	3920	0.10%	0.011%
32	15.198	2069	2076	2087	rVV	1632600	2413363	63.46%	6.728%
33	15.345	2095	2101	2113	rBV	476860	753169	19.80%	2.100%
34	15.445	2113	2118	2122	rVB2	20915	28100	0.74%	0.078%

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35	15.886	2188	2193	2195	rVB2	2530	3836	0.10%	0.011%
36	15.927	2195	2200	2202	rBV2	3469	5085	0.13%	0.014%
37	16.951	2368	2374	2385	rBV	971090	1351481	35.54%	3.768%
38	17.051	2385	2391	2404	rBV2	1580147	2337637	61.47%	6.517%
39	17.351	2439	2442	2445	rBV3	4819	6749	0.18%	0.019%
40	17.739	2506	2508	2512	rVB3	3830	4374	0.12%	0.012%
41	17.804	2517	2519	2522	rBV3	3780	3850	0.10%	0.011%
42	17.862	2524	2529	2539	rBV	342913	521068	13.70%	1.453%
43	18.421	2621	2624	2627	rVB3	4374	5014	0.13%	0.014%
44	18.739	2674	2678	2680	rBV3	4204	4948	0.13%	0.014%
45	18.927	2705	2710	2713	rBV5	3665	5284	0.14%	0.015%
46	18.998	2716	2722	2725	rBV2	21648	38894	1.02%	0.108%
47	19.033	2725	2728	2732	rVB6	21609	28675	0.75%	0.080%
48	19.157	2744	2749	2759	rBV	172881	269410	7.08%	0.751%
49	19.245	2763	2764	2768	rVB	16945	17308	0.46%	0.048%
50	19.304	2770	2774	2778	rBV	502976	521326	13.71%	1.453%
51	19.362	2778	2784	2793	rVB	2027357	2862800	75.28%	7.981%
52	19.609	2822	2826	2831	rBV	24620	34996	0.92%	0.098%
53	19.745	2847	2849	2850	rBV2	5485	4191	0.11%	0.012%
54	19.898	2873	2875	2877	rBV2	7418	6381	0.17%	0.018%
55	20.309	2942	2945	2950	rBV3	38666	53012	1.39%	0.148%
56	20.362	2950	2954	2960	rVB	348954	382708	10.06%	1.067%
57	20.892	3040	3044	3052	rBV	263565	346910	9.12%	0.967%
58	21.092	3076	3078	3081	rBV3	20164	15479	0.41%	0.043%
59	21.168	3086	3091	3102	rVV2	1402850	1959644	51.53%	5.463%
60	21.756	3188	3191	3193	rBV4	48316	62245	1.64%	0.174%
61	22.203	3264	3267	3272	rVB2	129166	158953	4.18%	0.443%
62	22.686	3346	3349	3354	rVB2	136440	191635	5.04%	0.534%
63	23.209	3431	3438	3450	rBV	1976576	3803011	100.00%	10.603%
64	23.344	3455	3461	3470	rVB	1136473	2074695	54.55%	5.784%
65	23.844	3541	3546	3553	rVB2	164939	302655	7.96%	0.844%
66	24.550	3661	3666	3672	rVB3	134389	264647	6.96%	0.738%
67	25.656	3847	3854	3864	rVB3	587783	1503512	39.53%	4.192%

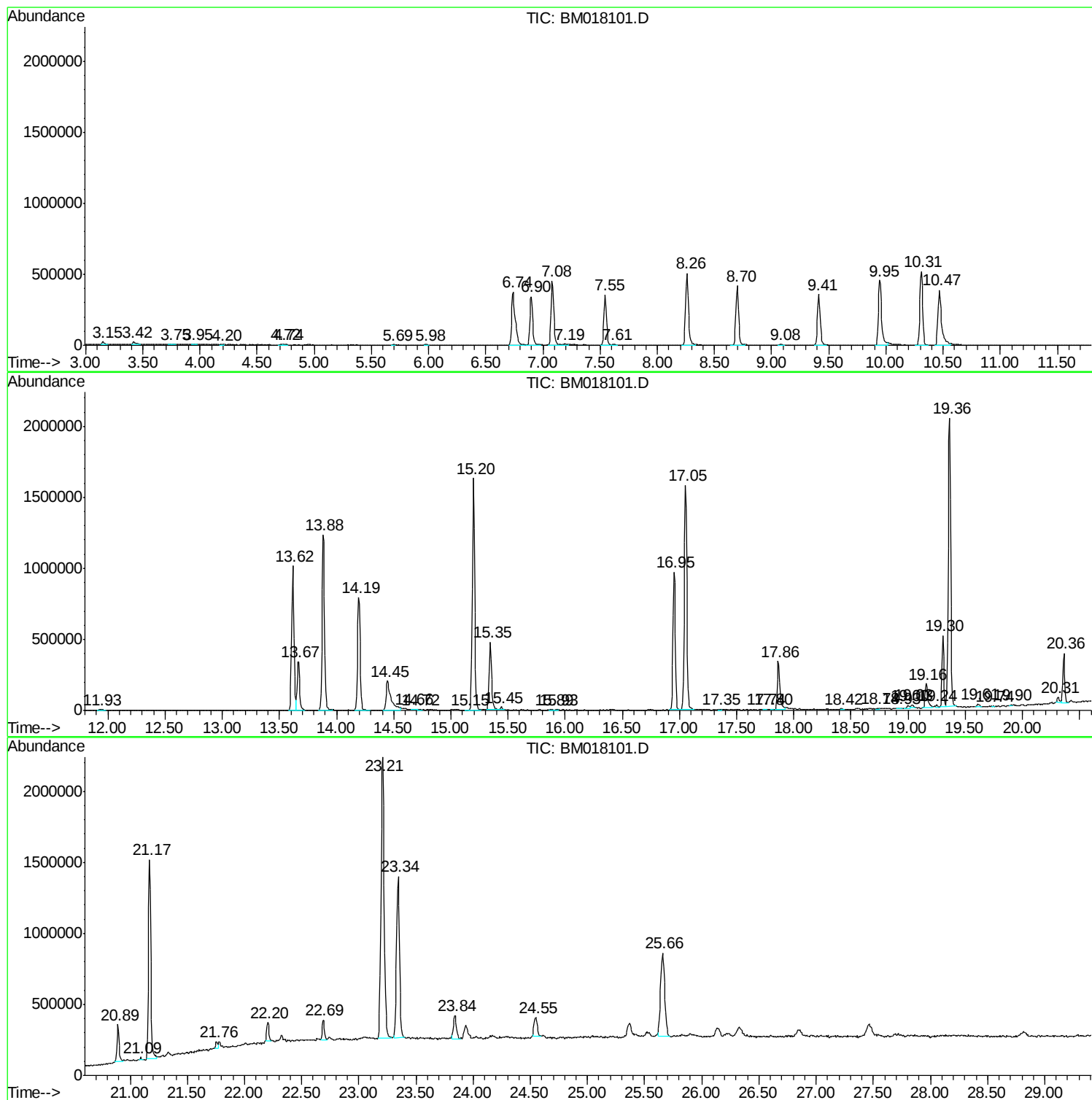
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Quant Title : SVOA CALIBRATION

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



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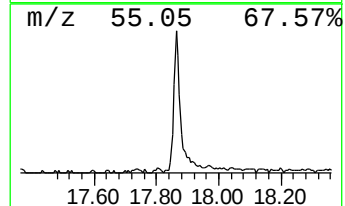
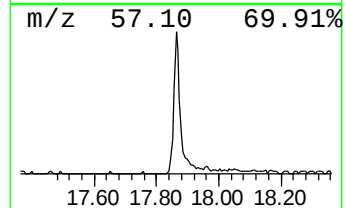
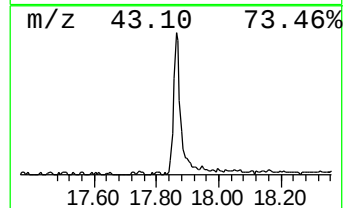
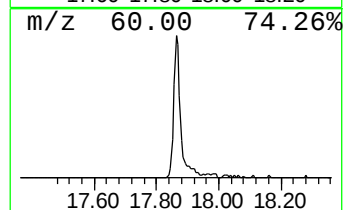
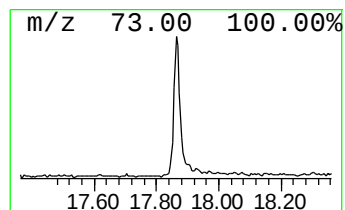
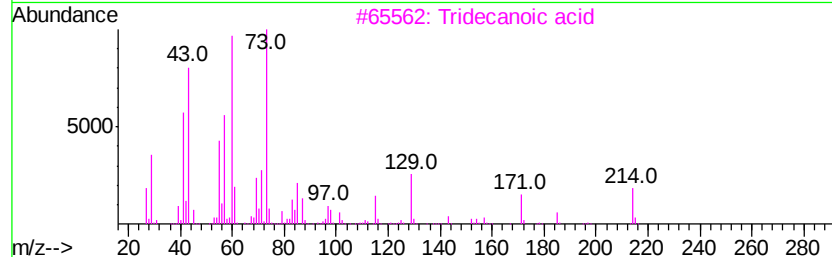
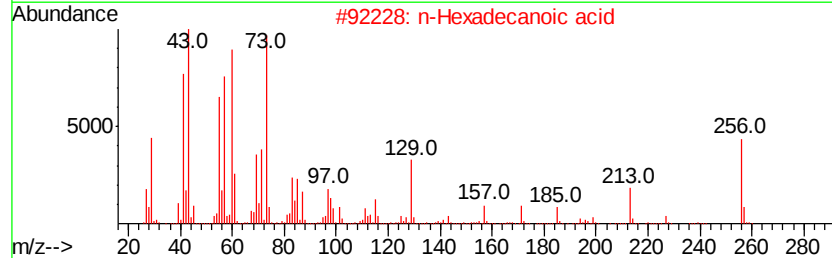
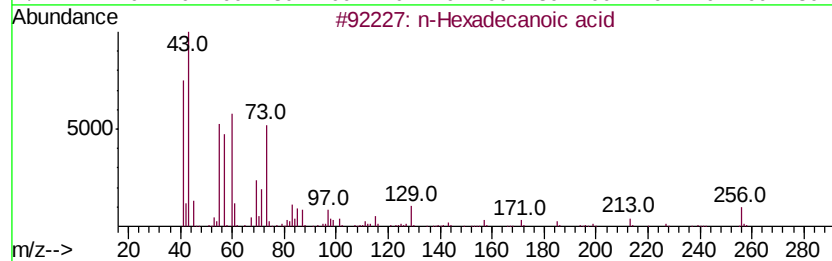
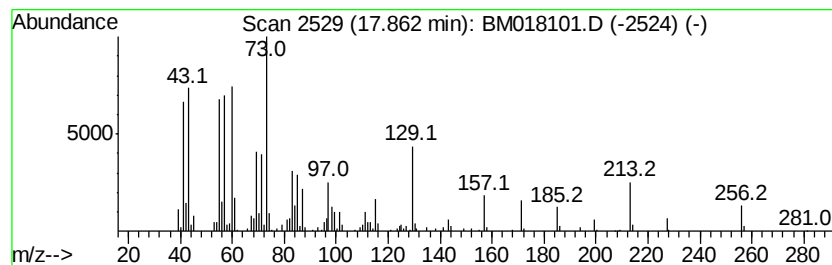
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.86	7.71 ng/ul	521068	Phenanthrene-d10		16.95
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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76



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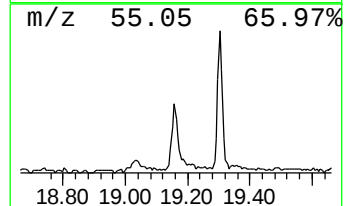
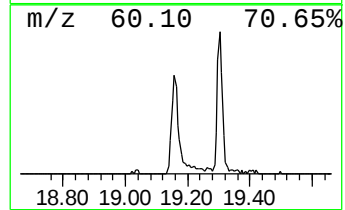
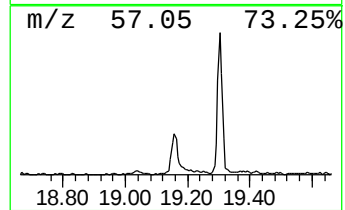
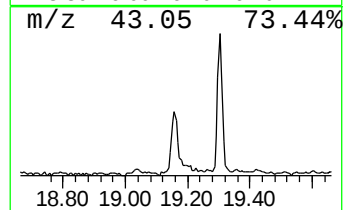
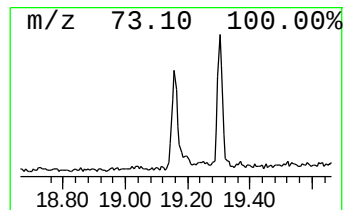
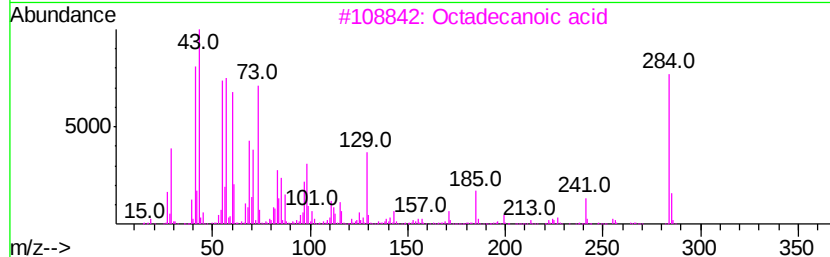
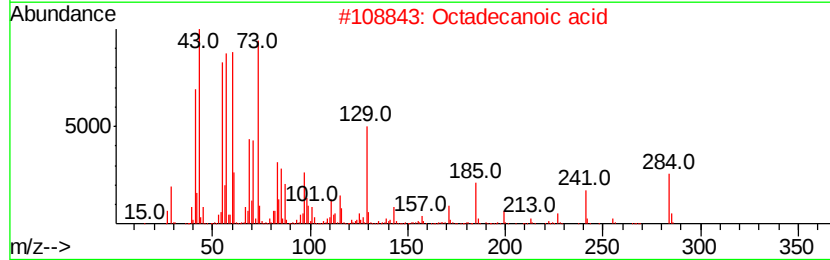
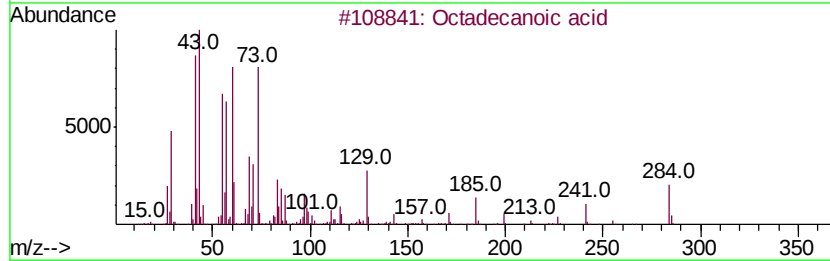
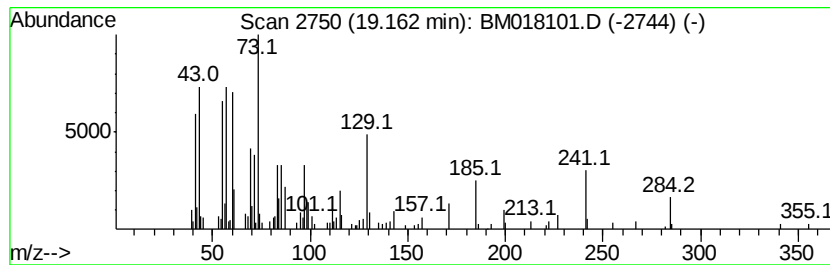
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.75 ng/ul	269410	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	97
3		Octadecanoic acid	284	C18H36O2	000057-11-4	89
4		Octadecanoic acid	284	C18H36O2	000057-11-4	53
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	50



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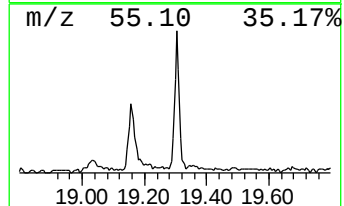
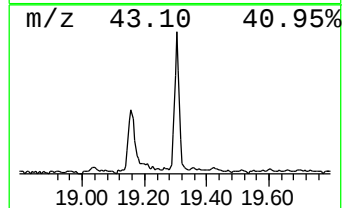
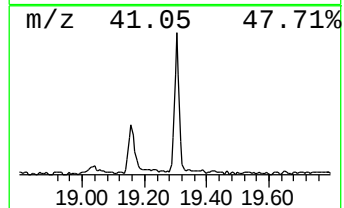
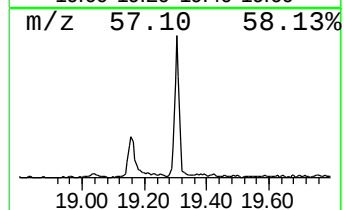
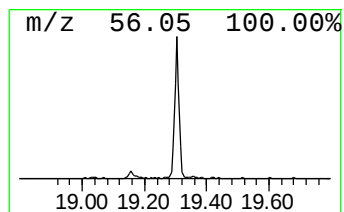
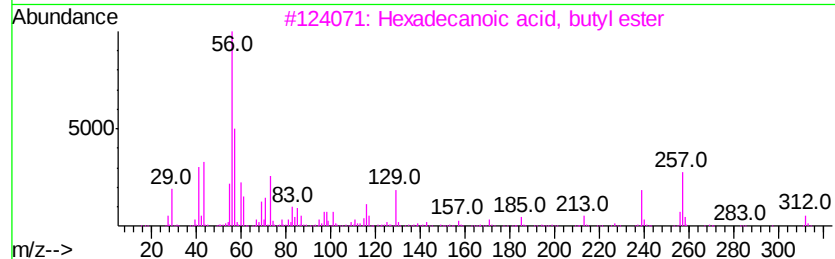
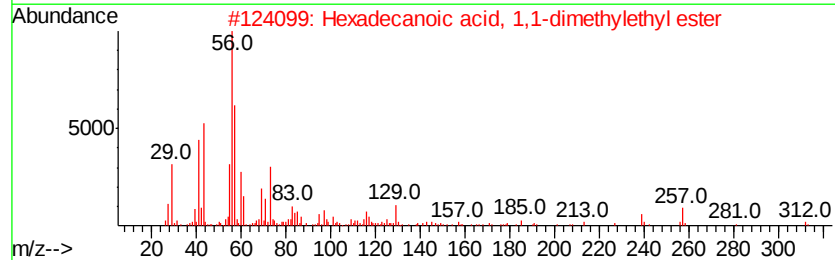
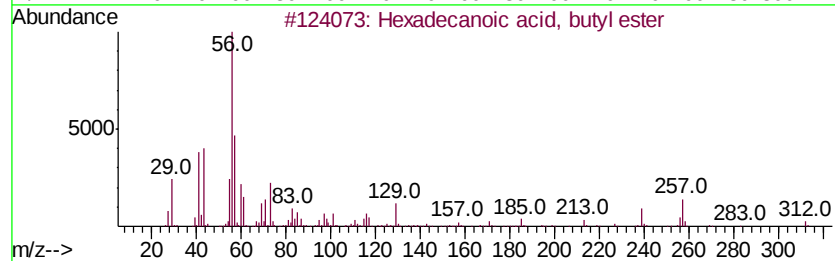
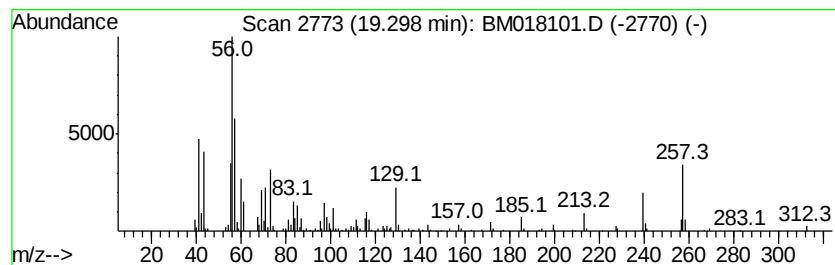
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	5.32 ng/ul	521326	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	93
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	86
5		Nipecotic acid	129	C6H11NO2	000498-95-3	38



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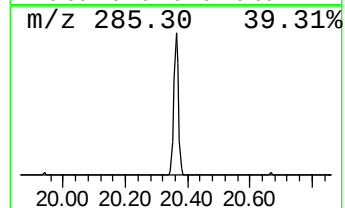
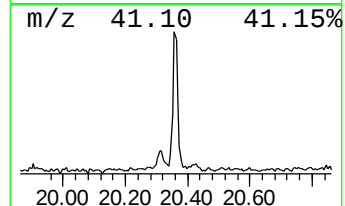
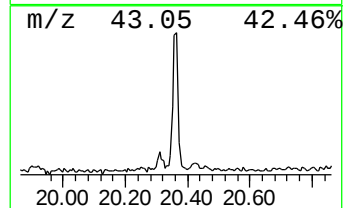
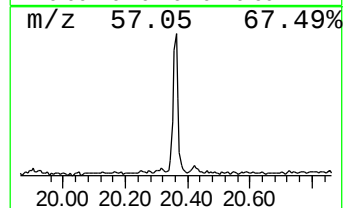
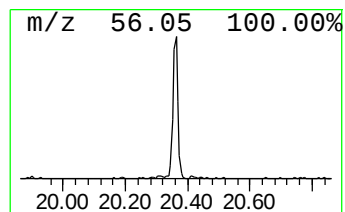
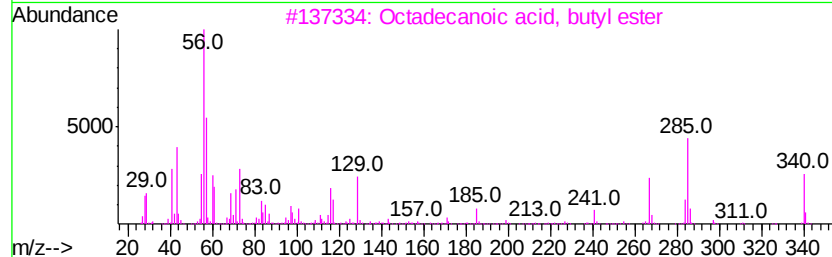
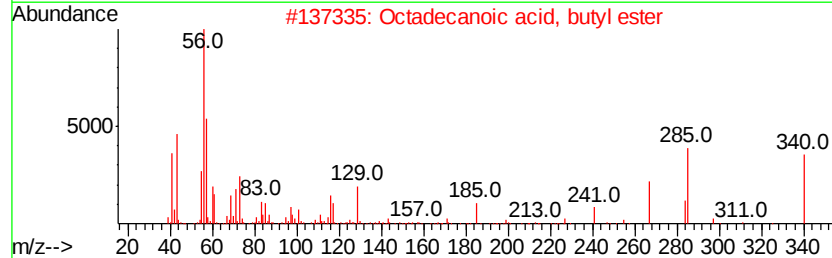
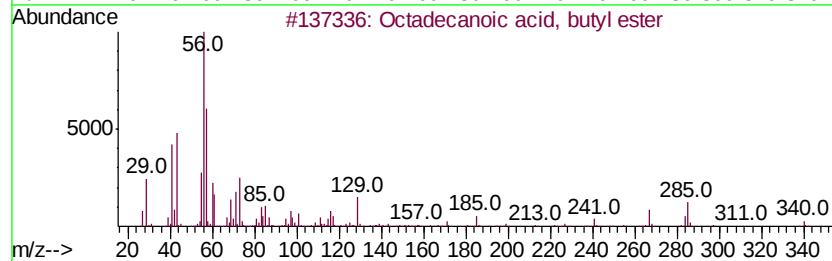
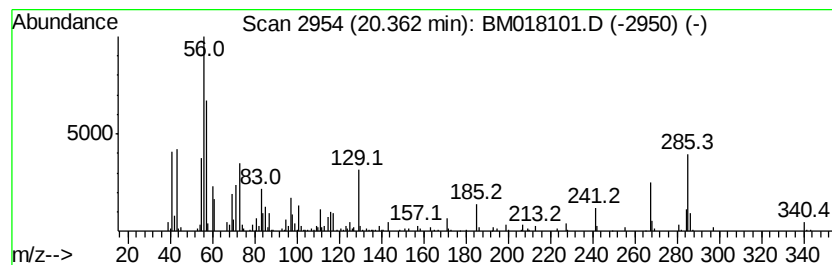
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	3.91 ng/ul	382708	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
4		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	83
5		n-Butyl myristate	284	C18H36O2	000110-36-1	43



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ClientSampleId :
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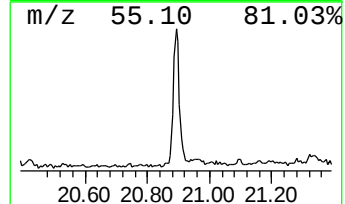
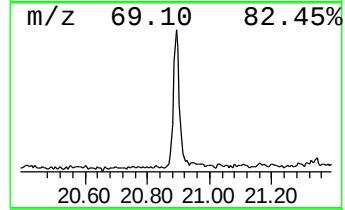
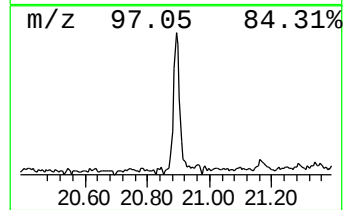
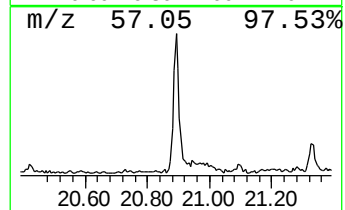
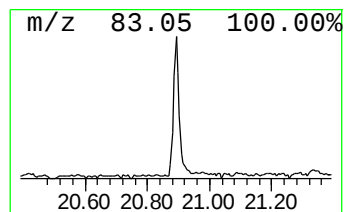
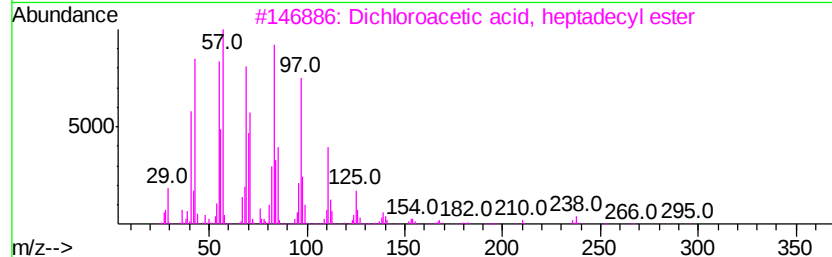
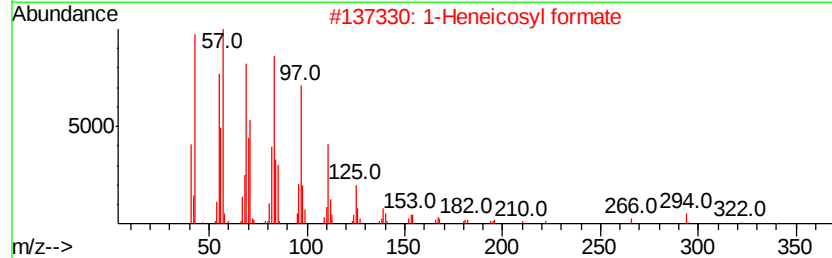
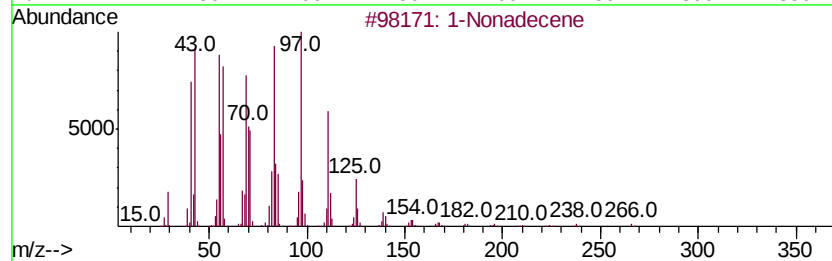
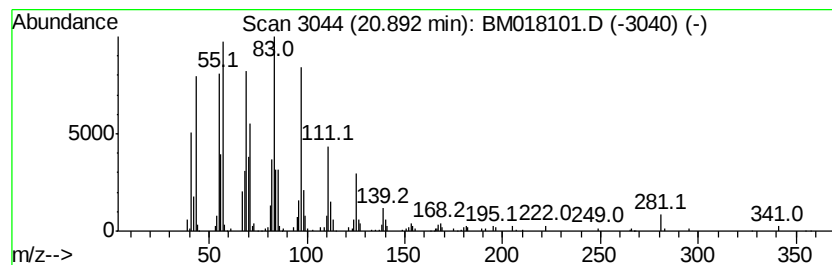
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.89 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.54 ng/ul	346910	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	93
2	1-Heneicosyl formate		340	C22H44O2	077899-03-7	91
3	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	91
4	Trifluoroacetic acid, n-heptadec...		324	C17H31F3O2	1000216-79-2	91
5	Bromoacetic acid, octadecyl ester		390	C20H39BrO2	018992-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018101.D
Acq On : 12 Dec 2018 20:16
Operator : JU/SJ
Sample : J6227-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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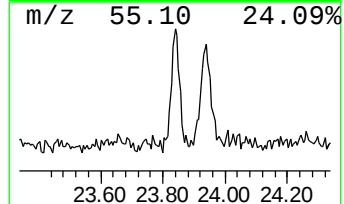
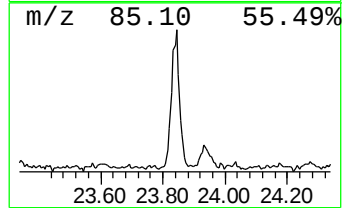
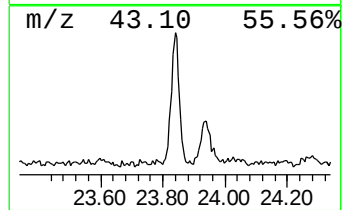
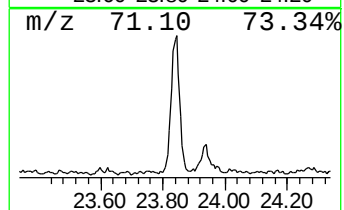
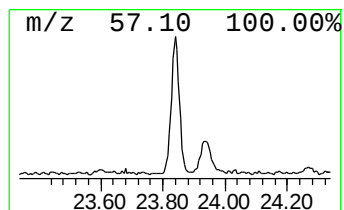
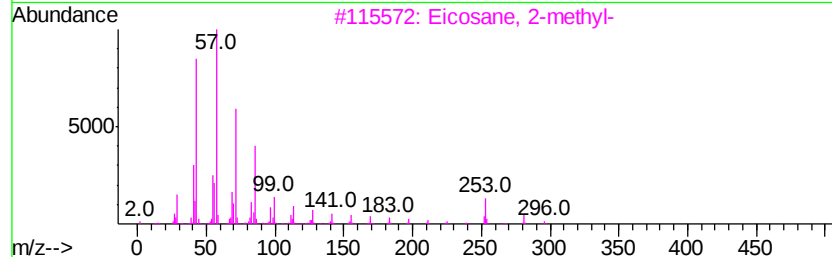
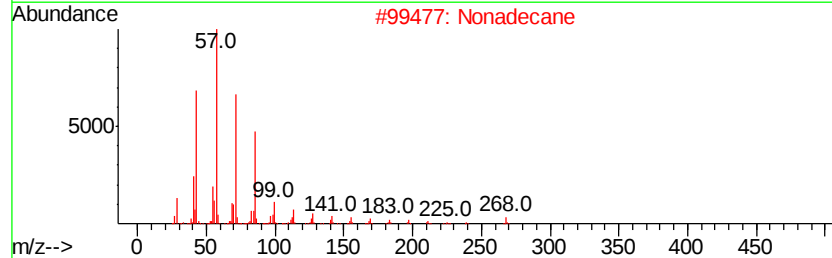
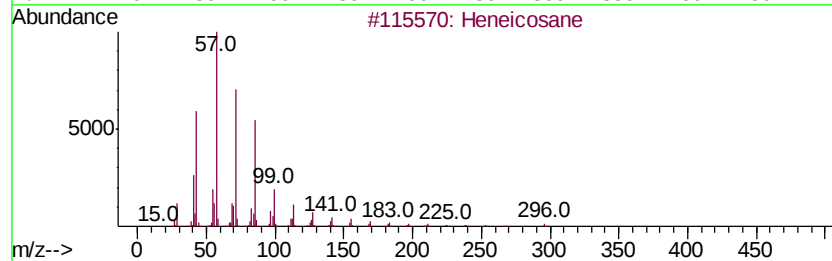
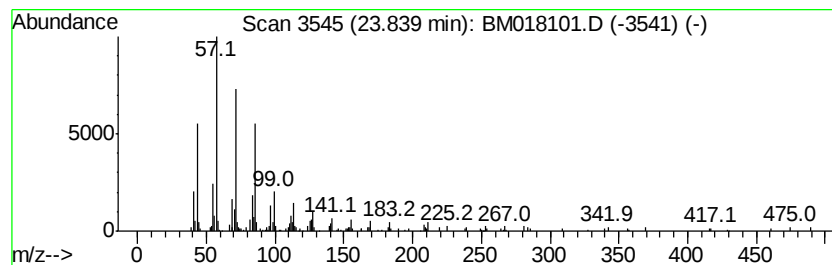
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	2.92 ng/ul	302655	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Nonadecane	268	C19H40	000629-92-5	93
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
4		Octacosane	394	C28H58	000630-02-4	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018101.D
Acq On : 12 Dec 2018 20:16
Operator : JU/SJ
Sample : J6227-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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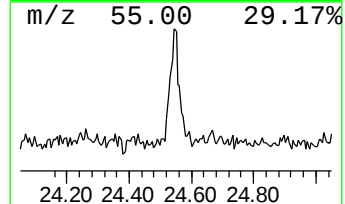
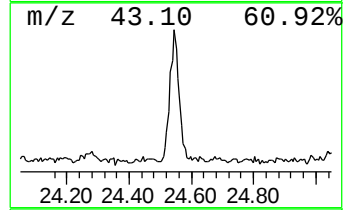
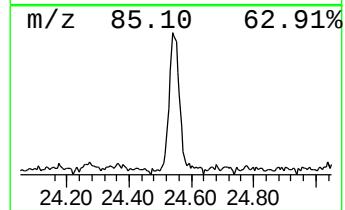
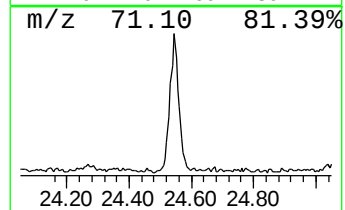
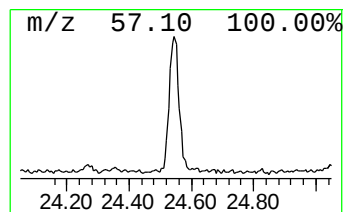
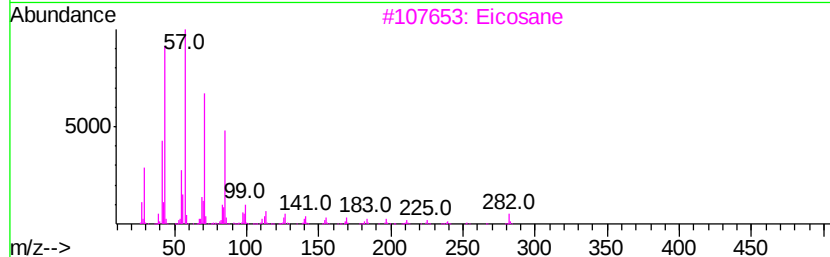
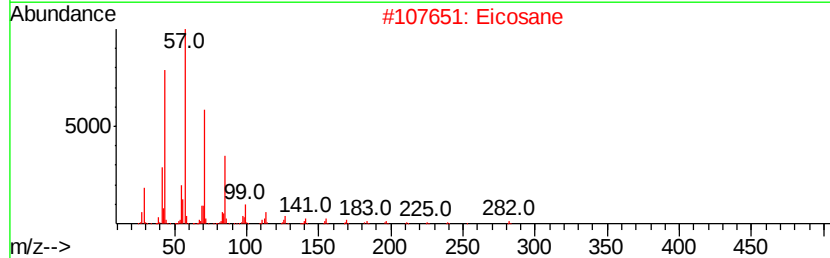
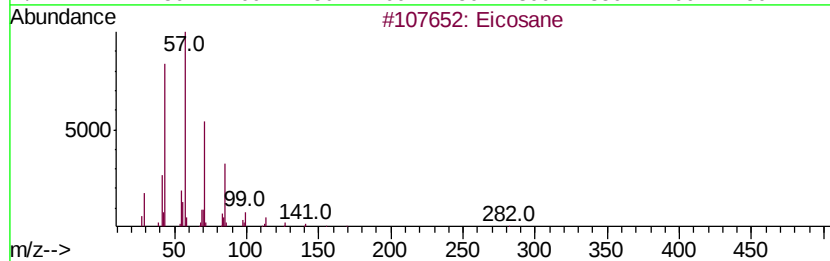
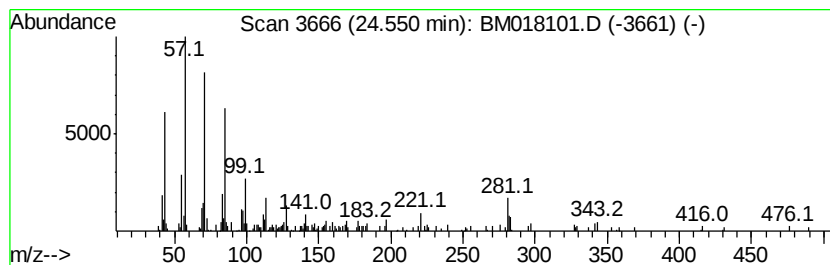
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.55	2.55 ng/ul	264647	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Eicosane	282	C20H42	000112-95-8	89
3		Eicosane	282	C20H42	000112-95-8	76
4		Tetratriacontane	479	C34H70	014167-59-0	74
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018101.D
Acq On : 12 Dec 2018 20:16
Operator : JU/SJ
Sample : J6227-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

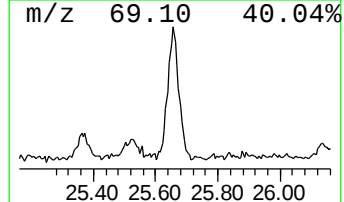
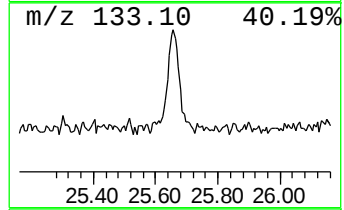
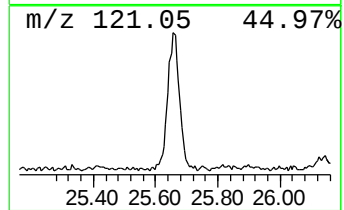
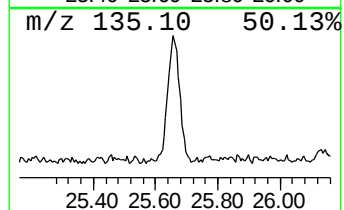
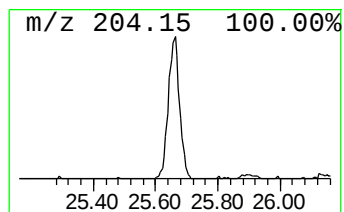
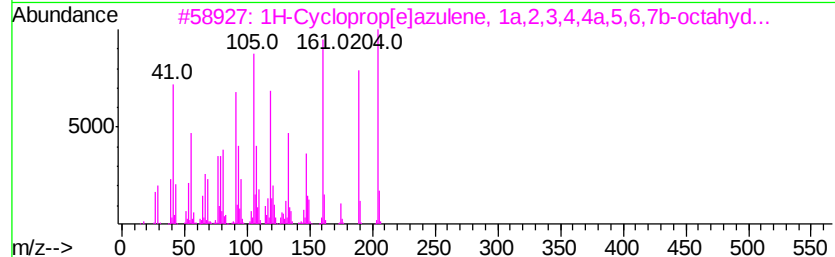
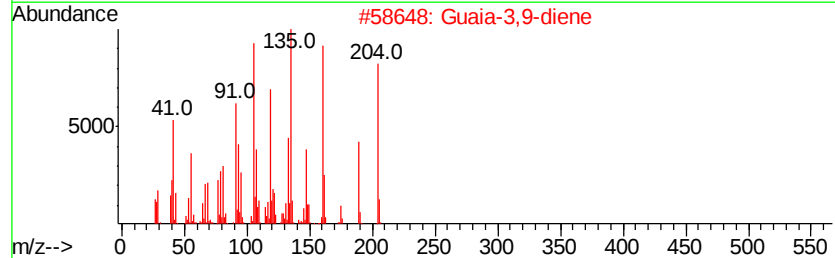
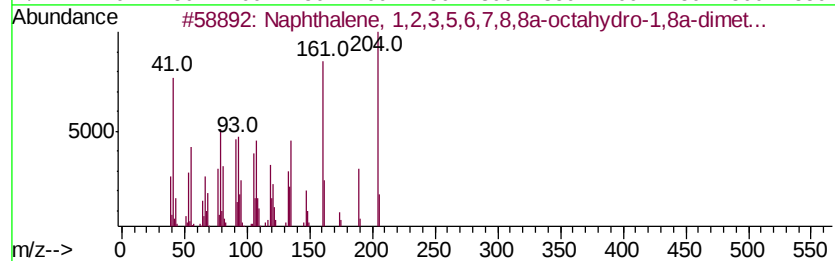
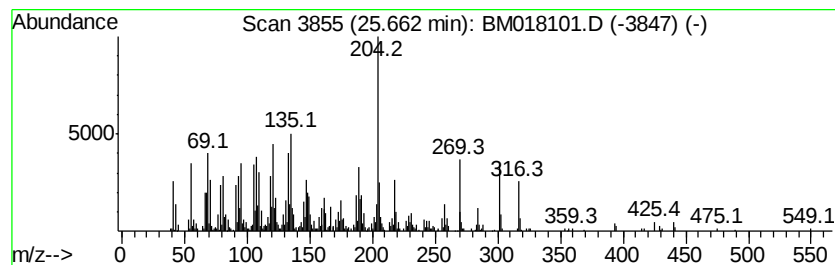
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ClientSampled :
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
25.66	14.49 ng/ul	1503510	Perylene-d12	23.34		
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	62
2		Guaia-3,9-diene	204	C15H24	000489-83-8	58
3		1H-Cycloprop[elazulene, 1a,2,3,4...	204	C15H24	000489-40-7	50
4		1H-3a,7-Methanoazulene, 2,3,6,7...	204	C15H24	000560-32-7	49
5		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121218\
Data File : BM018101.D
Acq On : 12 Dec 2018 20:16
Operator : JU/SJ
Sample : J6227-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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	17.86	7.7	ng/ul	521068	4	16.95	1351480	20.0
Octadecanoic acid	19.16	2.8	ng/ul	269410	5	21.17	1959640	20.0
Hexadecanoic acid...	19.30	5.3	ng/ul	521326	5	21.17	1959640	20.0
Octadecanoic acid...	20.36	3.9	ng/ul	382708	5	21.17	1959640	20.0
(DEL) Alkane: Cyc...	20.89	3.5	ng/ul	346910	5	21.17	1959640	20.0
(DEL) Alkane: Str...	23.84	2.9	ng/ul	302655	6	23.34	2074700	20.0
(DEL) Alkane: Str...	24.55	2.5	ng/ul	264647	6	23.34	2074700	20.0
Naphthalene, 1,2,...	25.66	14.5	ng/ul	1503510	6	23.34	2074700	20.0