

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
 Data File : BM018074.D
 Acq On : 12 Dec 2018 01:13
 Operator : JU/SJ
 Sample : J6171-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y18

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	25	28	32	rBV	20183	22491	0.73%	0.065%
2	3.428	72	75	84	rVB2	10536	18714	0.61%	0.054%
3	3.752	126	130	132	rBV5	5412	6924	0.22%	0.020%
4	3.787	132	136	140	rVB4	2623	4685	0.15%	0.014%
5	3.846	141	146	150	rVB5	3092	5311	0.17%	0.015%
6	3.952	160	164	167	rVB4	7246	8120	0.26%	0.024%
7	4.716	290	294	302	rBV3	8010	16038	0.52%	0.046%
8	5.981	505	509	511	rVB3	3329	3941	0.13%	0.011%
9	6.152	534	538	544	rVB6	5330	9835	0.32%	0.029%
10	6.740	632	638	655	rBV2	346703	809602	26.27%	2.347%
11	6.899	659	665	678	rVV	319079	499406	16.20%	1.448%
12	7.087	690	697	709	rBV	420276	697790	22.64%	2.023%
13	7.546	768	775	784	rBV	587401	940914	30.53%	2.728%
14	7.622	784	788	795	rVB4	10664	17581	0.57%	0.051%
15	8.263	890	897	910	rBV	424989	795074	25.79%	2.305%
16	8.699	964	971	989	rBV	347960	633144	20.54%	1.836%
17	9.087	1033	1037	1041	rVB3	10149	12522	0.41%	0.036%
18	9.416	1086	1093	1102	rBV	306967	542623	17.60%	1.573%
19	9.951	1176	1184	1193	rBV	393917	754596	24.48%	2.188%
20	10.093	1207	1208	1213	rVB3	4922	4501	0.15%	0.013%
21	10.310	1238	1245	1258	rBV	819032	1379280	44.75%	3.999%
22	10.469	1265	1272	1301	rBV	319991	798397	25.90%	2.315%
23	11.945	1519	1523	1529	rBV2	4269	8794	0.29%	0.025%
24	12.716	1650	1654	1657	rBV	3046	3271	0.11%	0.009%
25	13.422	1769	1774	1778	rBV3	12254	17743	0.58%	0.051%
26	13.616	1801	1807	1812	rBV	821568	1251420	40.60%	3.628%
27	13.669	1812	1816	1829	rVB	339120	546149	17.72%	1.583%
28	13.886	1846	1853	1868	rBV	1024521	1576498	51.15%	4.570%
29	14.198	1899	1906	1920	rBV2	1157720	1802070	58.46%	5.224%
30	14.457	1940	1950	1963	rBV2	104219	342334	11.11%	0.992%
31	14.616	1975	1977	1980	rVB4	5404	4191	0.14%	0.012%
32	14.945	2030	2033	2036	rBV	3070	3736	0.12%	0.011%
33	15.010	2040	2044	2048	rVV2	3965	7232	0.23%	0.021%
34	15.063	2048	2053	2058	rVB4	7100	12457	0.40%	0.036%

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35	15.198	2069	2076	2087	rBV	1276323	1954964	63.42%	5.668%
36	15.345	2096	2101	2115	rBV	276474	451921	14.66%	1.310%
37	15.445	2115	2118	2126	rVB7	17108	26595	0.86%	0.077%
38	15.880	2188	2192	2194	rVB3	3533	3657	0.12%	0.011%
39	15.928	2196	2200	2202	rBV2	3836	4977	0.16%	0.014%
40	16.327	2266	2268	2273	rBV2	1939	3641	0.12%	0.011%
41	16.392	2276	2279	2284	rVB4	2759	4784	0.16%	0.014%
42	16.739	2332	2338	2339	rBV3	5756	9625	0.31%	0.028%
43	16.957	2367	2375	2384	rBV	1466409	2062293	66.91%	5.979%
44	17.057	2385	2392	2405	rVV	1317005	2026743	65.75%	5.876%
45	17.151	2405	2408	2413	rVB5	4201	5900	0.19%	0.017%
46	17.263	2425	2427	2431	rVB3	3757	4385	0.14%	0.013%
47	17.369	2441	2445	2448	rBV4	4227	7808	0.25%	0.023%
48	17.869	2525	2530	2540	rBV	398136	604803	19.62%	1.753%
49	18.057	2557	2562	2568	rBV4	18983	25505	0.83%	0.074%
50	18.157	2574	2579	2580	rBV2	5144	6178	0.20%	0.018%
51	18.539	2638	2644	2647	rBV6	5280	10304	0.33%	0.030%
52	18.733	2676	2677	2681	rVB3	3133	3103	0.10%	0.009%
53	18.798	2684	2688	2689	rBV2	6767	8589	0.28%	0.025%
54	19.004	2717	2723	2726	rBV4	18240	34448	1.12%	0.100%
55	19.033	2726	2728	2733	rVB5	10143	14252	0.46%	0.041%
56	19.157	2743	2749	2756	rBV2	191784	278566	9.04%	0.808%
57	19.310	2769	2775	2779	rBV	2660121	3082337	100.00%	8.936%
58	19.363	2779	2784	2792	rVV2	1527010	2119460	68.76%	6.144%
59	19.421	2792	2794	2798	rVB4	11833	14479	0.47%	0.042%
60	20.310	2938	2945	2949	rBV	348055	472181	15.32%	1.369%
61	20.363	2949	2954	2959	rVB	1865605	1944130	63.07%	5.636%
62	20.892	3039	3044	3052	rBV	251587	399859	12.97%	1.159%
63	21.168	3086	3091	3099	rBV	1401566	1860278	60.35%	5.393%
64	21.280	3107	3110	3114	rBV5	26461	41874	1.36%	0.121%
65	23.203	3430	3437	3449	rBV	842638	1767646	57.35%	5.124%
66	23.339	3454	3460	3470	rVB	859121	1642823	53.30%	4.763%
67	28.609	4354	4356	4358	rBV3	46464	38610	1.25%	0.112%

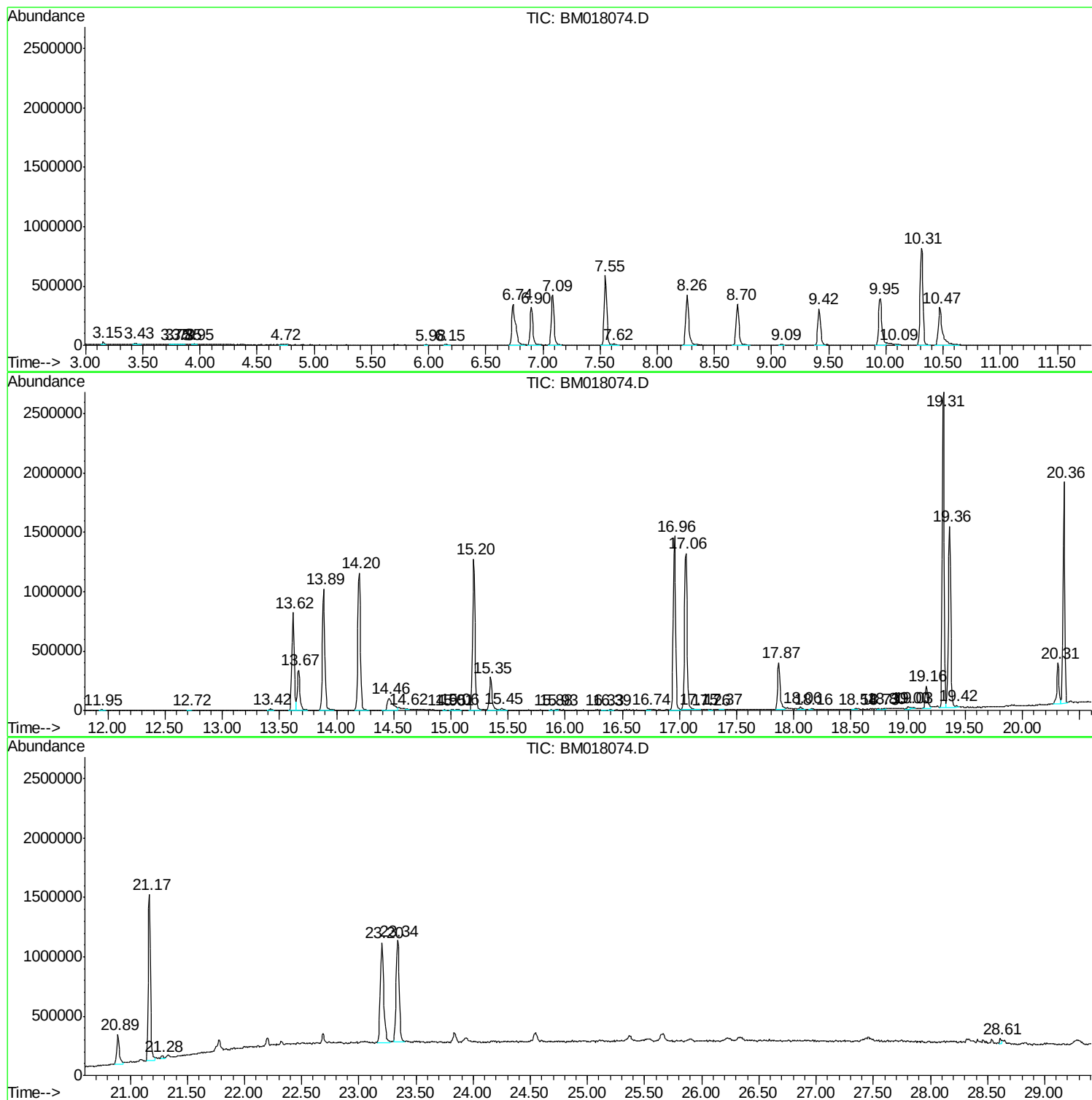
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Quant Title : SVOA CALIBRATION

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



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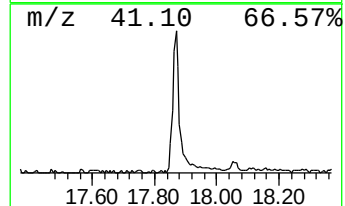
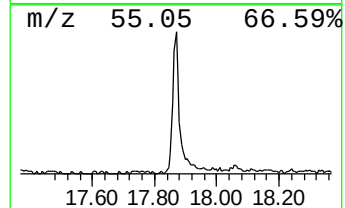
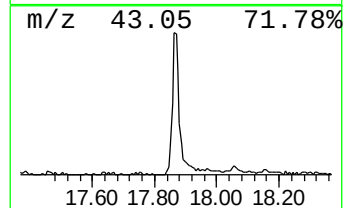
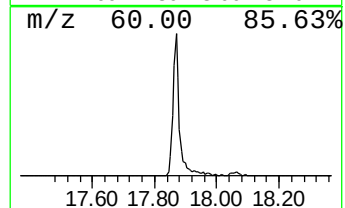
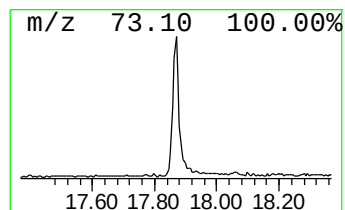
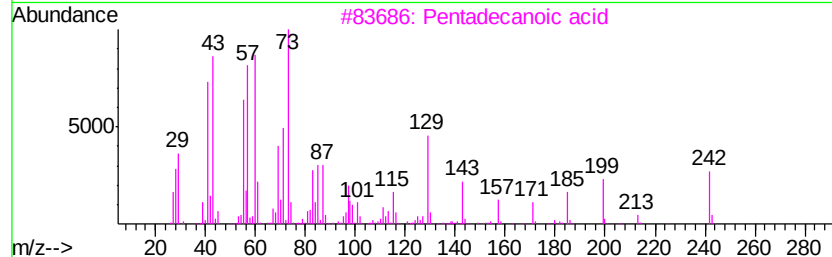
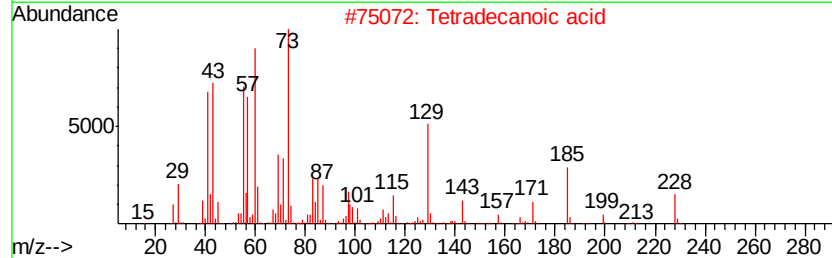
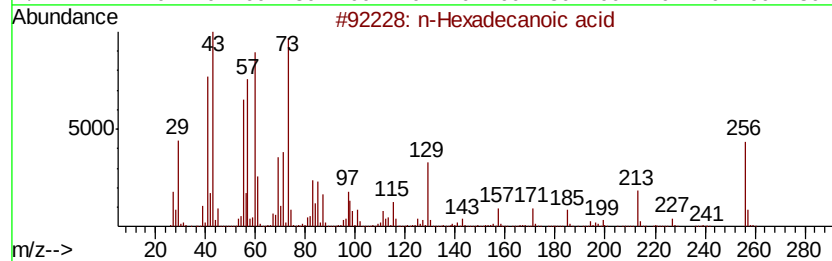
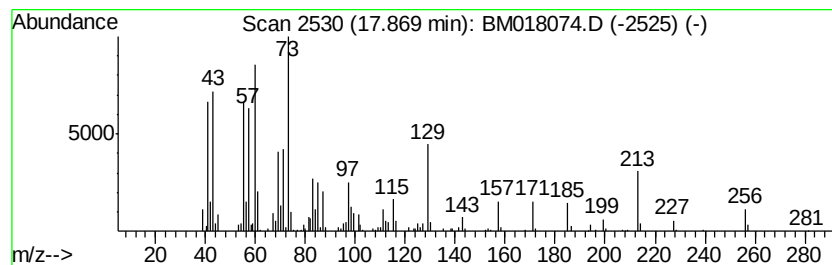
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION

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

 Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.87	5.87 ng/ul	604803	Phenanthrene-d10		16.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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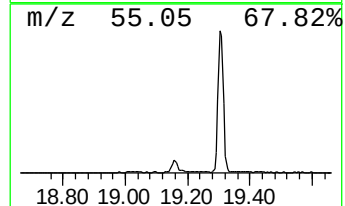
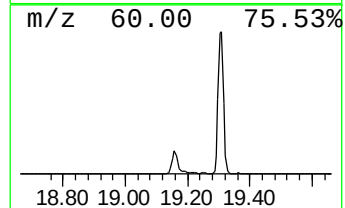
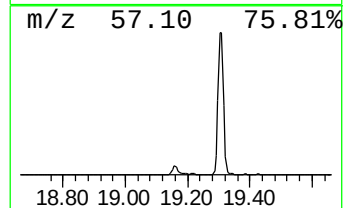
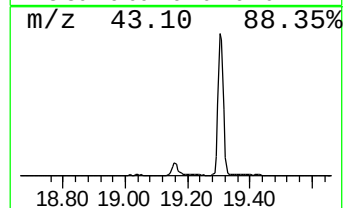
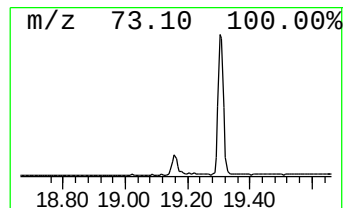
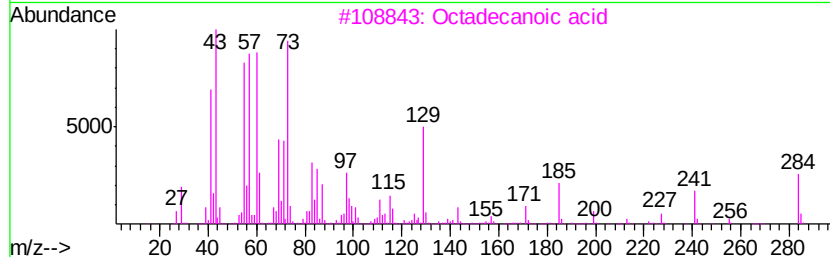
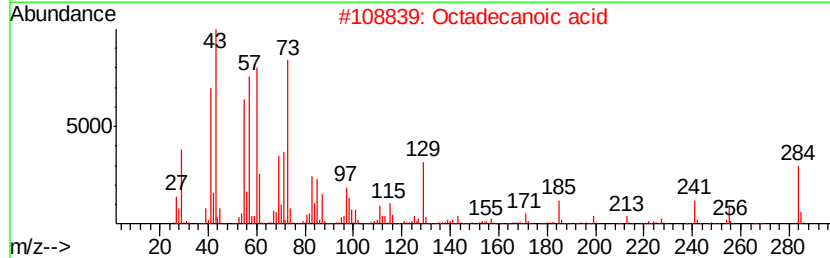
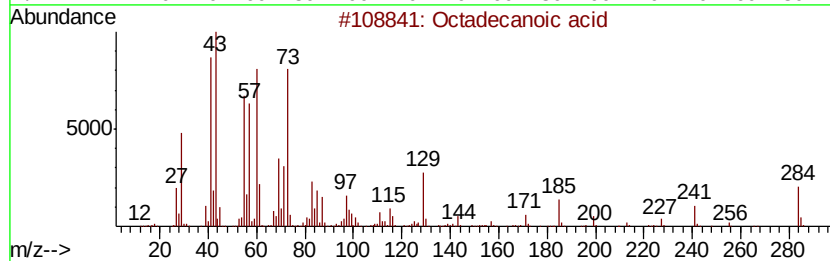
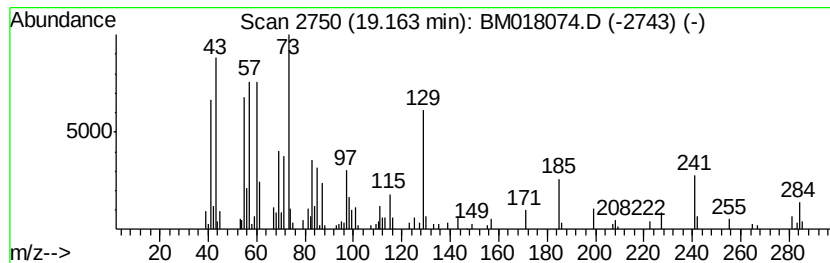
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.99 ng/ul	278566	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	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	86
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	81



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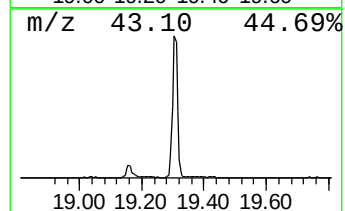
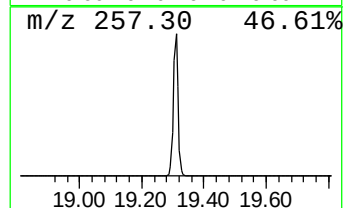
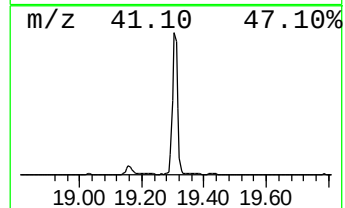
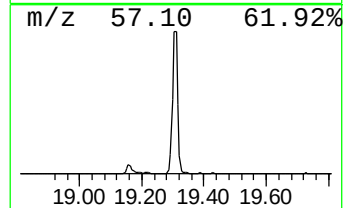
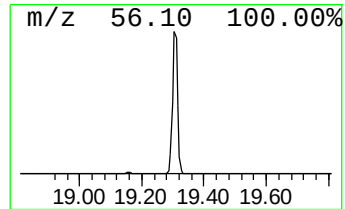
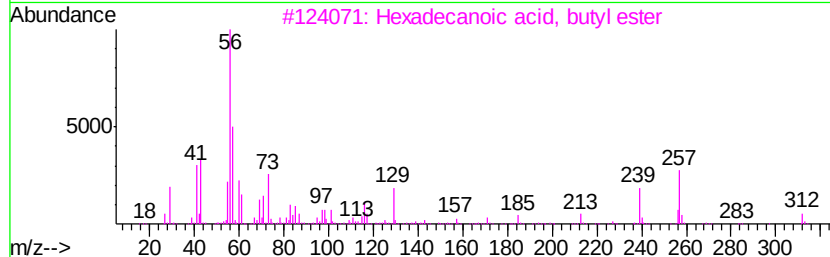
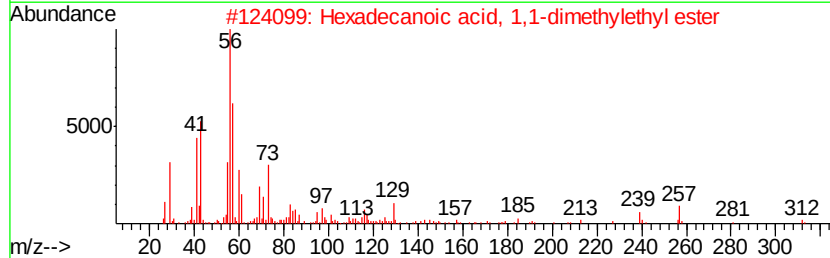
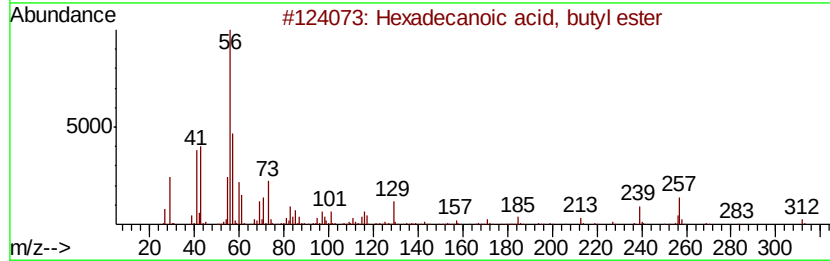
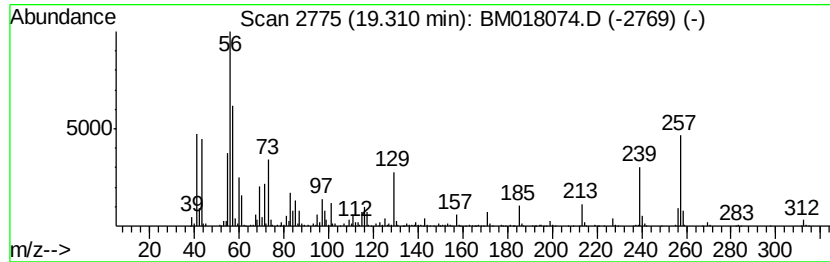
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	33.14 ng/ul	3082340	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	93
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
4		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	89
5		Nipecotic acid	129	C6H11NO2	000498-95-3	38



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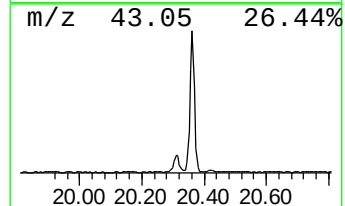
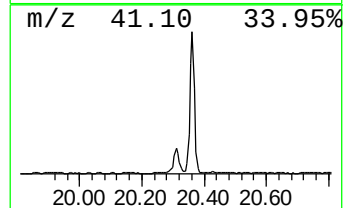
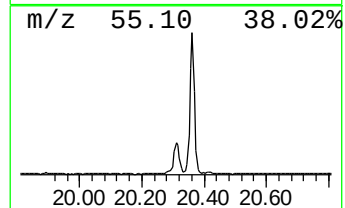
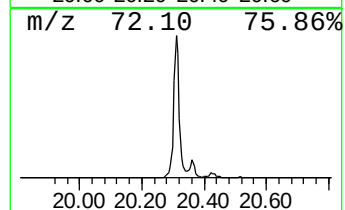
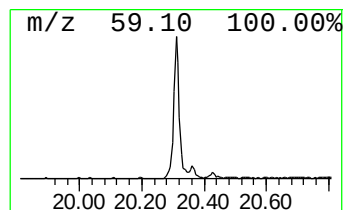
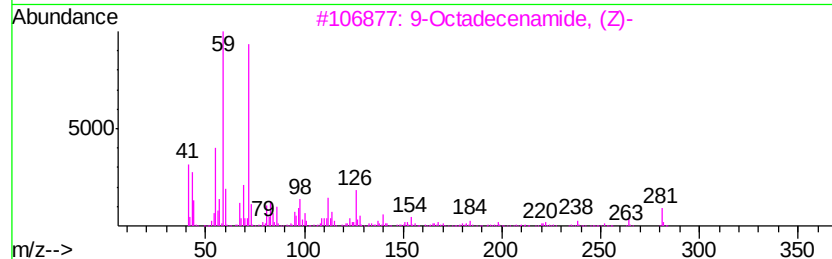
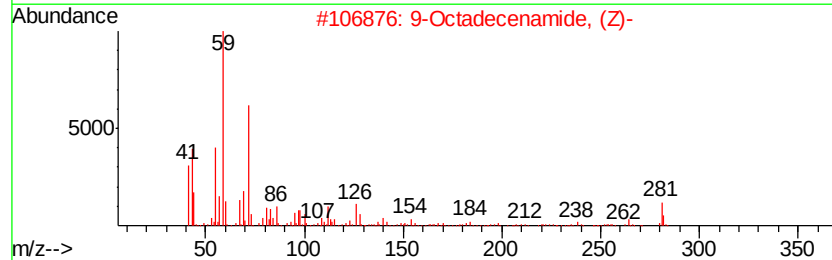
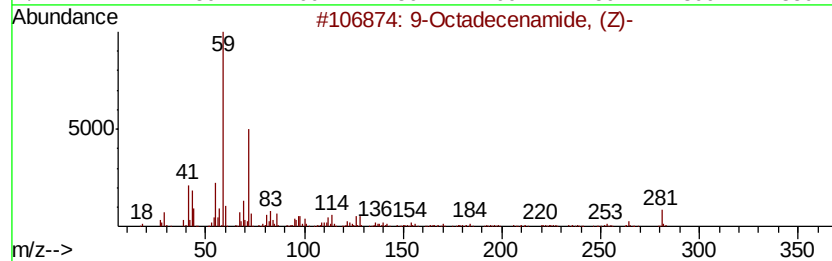
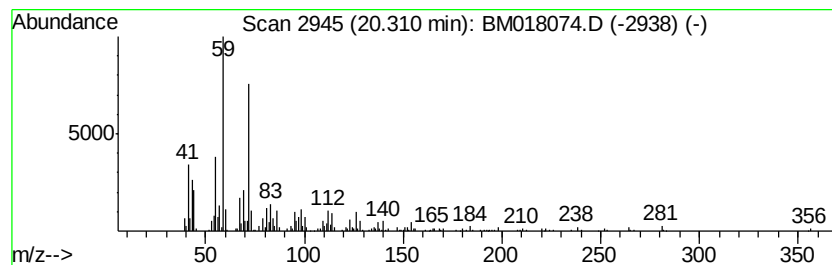
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	5.08 ng/ul	472181	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72	
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	68	
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	59	
4	3-Cyclohexylpropionamide	155	C9H17NO	004361-29-9	49	
5	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	47	



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F9Y18

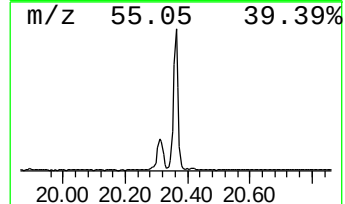
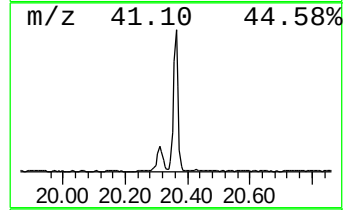
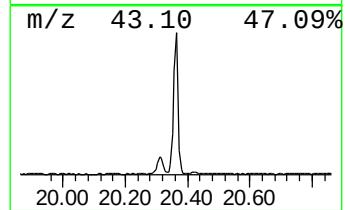
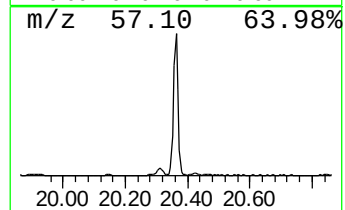
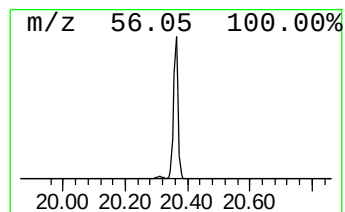
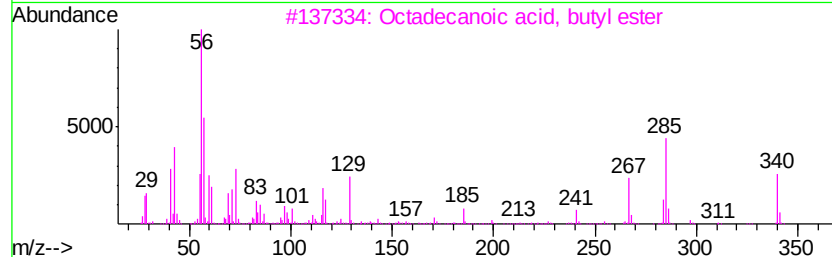
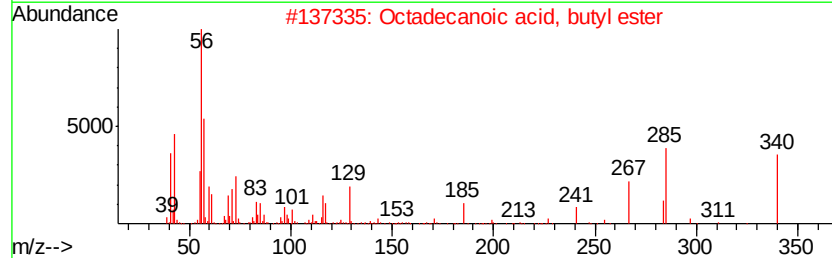
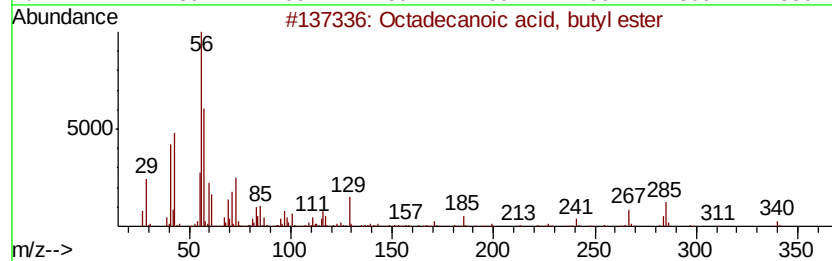
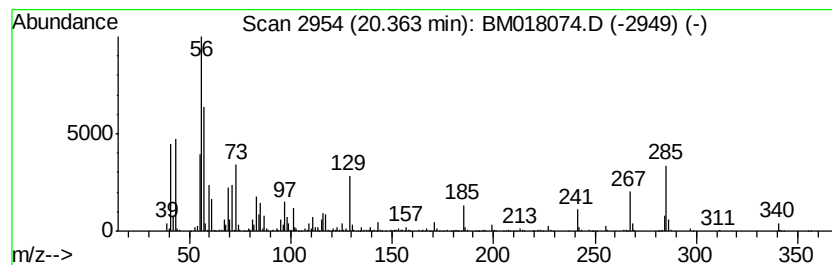
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	20.90 ng/ul	1944130	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	96
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	94
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
4		n-Butyl myristate	284	C18H36O2	000110-36-1	50
5		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018074.D
Acq On : 12 Dec 2018 01:13
Operator : JU/SJ
Sample : J6171-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

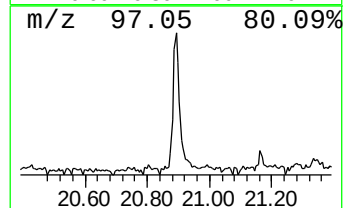
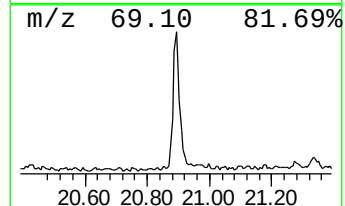
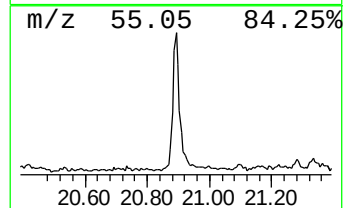
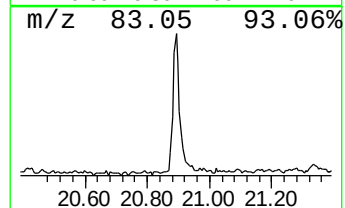
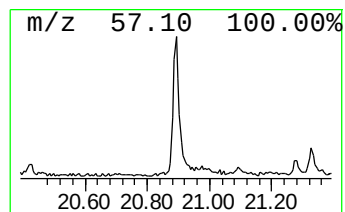
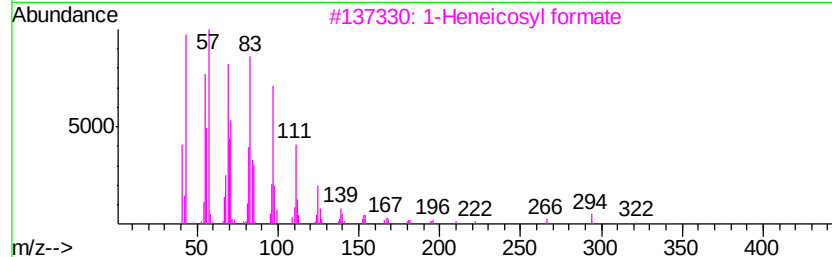
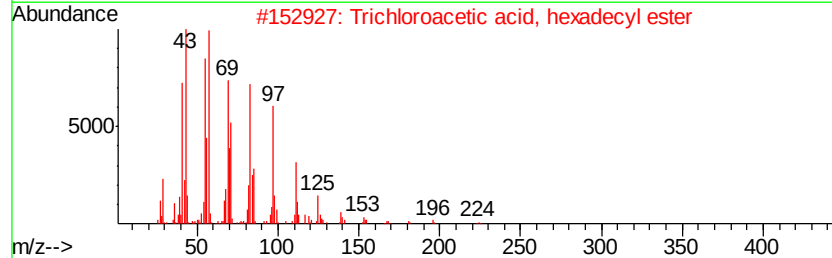
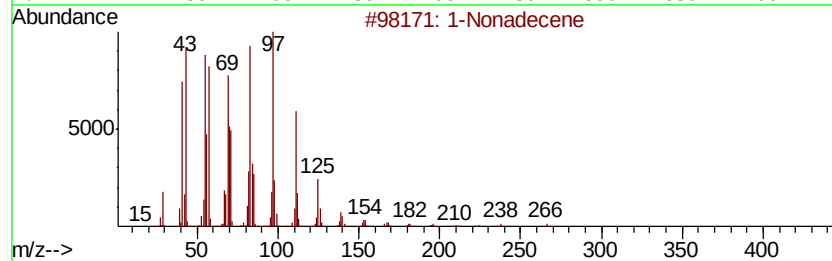
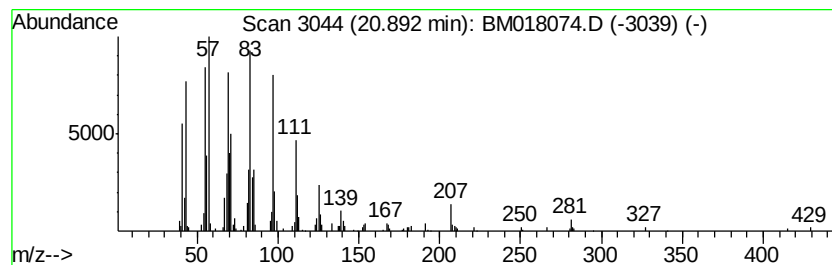
Instrument :
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ClientSampleId :
F9Y18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic20.89 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.89	4.30 ng/ul	399859	Chrysene-d12	21.17		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	96
2	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91
3	1-Heneicosyl formate		340	C22H44O2	077899-03-7	91
4	Trichloroacetic acid, tetradecyl...		358	C16H29Cl3O2	074339-52-9	91
5	Heptafluorobutyric acid, n-octad...		466	C22H37F7O2	000400-57-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
Data File : BM018074.D
Acq On : 12 Dec 2018 01:13
Operator : JU/SJ
Sample : J6171-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y18

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	17.87	5.9	ng/ul	604803	4	16.96	2062290	20.0
Octadecanoic acid	19.16	3.0	ng/ul	278566	5	21.17	1860280	20.0
Hexadecanoic acid...	19.31	33.1	ng/ul	3082340	5	21.17	1860280	20.0
9-Octadecenamide,...	20.31	5.1	ng/ul	472181	5	21.17	1860280	20.0
Octadecanoic acid...	20.36	20.9	ng/ul	1944130	5	21.17	1860280	20.0
(DEL) Alkane: Cyc...	20.89	4.3	ng/ul	399859	5	21.17	1860280	20.0