

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
 Data File : BM027418.D
 Acq On : 15 Sep 2020 18:52
 Operator : JU/CG
 Sample : L3995-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG0N4

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-BM090420MA.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	3.128	20	24	27	rBV	45006	55112	1.23%	0.143%
2	4.922	325	329	333	rBV3	13520	21851	0.49%	0.057%
3	5.840	483	485	490	rVB5	7150	8482	0.19%	0.022%
4	6.746	633	639	651	rVB2	164190	328056	7.30%	0.853%
5	6.899	659	665	675	rBV	468284	732955	16.30%	1.905%
6	7.099	692	699	708	rBV	548003	883841	19.66%	2.297%
7	7.169	708	711	715	rVB2	18150	23363	0.52%	0.061%
8	7.446	752	758	765	rVB	65801	102467	2.28%	0.266%
9	7.557	770	777	780	rVV	525121	857498	19.07%	2.229%
10	7.593	780	783	795	rVB	320890	464296	10.33%	1.207%
11	7.904	832	836	842	rVB3	10716	18490	0.41%	0.048%
12	8.269	891	898	906	rBV	437008	701729	15.61%	1.824%
13	8.699	964	971	982	rVB	596392	955521	21.26%	2.484%
14	9.051	1026	1031	1041	rBV2	36092	66617	1.48%	0.173%
15	9.175	1048	1052	1058	rBV6	8504	17731	0.39%	0.046%
16	9.416	1085	1093	1101	rBV	523719	856091	19.04%	2.225%
17	9.728	1139	1146	1152	rVB7	8255	16335	0.36%	0.042%
18	9.951	1178	1184	1204	rBV	773749	1363244	30.33%	3.544%
19	10.322	1240	1247	1256	rBV	647670	1033760	23.00%	2.687%
20	10.469	1265	1272	1280	rBV	63461	132962	2.96%	0.346%
21	10.757	1315	1321	1328	rBV	11631	20136	0.45%	0.052%
22	11.687	1475	1479	1483	rVB6	5241	8585	0.19%	0.022%
23	11.928	1515	1520	1524	rVB5	8009	14653	0.33%	0.038%
24	12.210	1565	1568	1577	rVB5	3236	7375	0.16%	0.019%
25	12.810	1667	1670	1675	rVB5	4852	7617	0.17%	0.020%
26	13.051	1706	1711	1716	rBV7	4896	8402	0.19%	0.022%
27	13.116	1716	1722	1726	rBV5	8405	11346	0.25%	0.029%
28	13.616	1801	1807	1812	rBV	1525631	2050845	45.62%	5.331%
29	13.663	1812	1815	1821	rVV	160129	207841	4.62%	0.540%
30	13.745	1824	1829	1835	rVB7	8329	13710	0.30%	0.036%
31	13.886	1846	1853	1863	rBV	1678718	2370747	52.74%	6.162%
32	13.975	1866	1868	1871	rVV4	5892	6378	0.14%	0.017%
33	14.010	1871	1874	1881	rVB5	14034	25257	0.56%	0.066%
34	14.145	1894	1897	1900	rBV2	9769	12089	0.27%	0.031%

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35	14.198	1900	1906	1915	rVB	970634	1394795	31.03%	3.626%
36	14.345	1925	1931	1937	rBV	20725	31153	0.69%	0.081%
37	14.422	1937	1944	1956	rBV	75459	170294	3.79%	0.443%
38	14.651	1979	1983	1988	rBV7	5007	8915	0.20%	0.023%
39	14.839	2012	2015	2019	rVB5	7785	6314	0.14%	0.016%
40	14.963	2031	2036	2041	rBV2	9324	15234	0.34%	0.040%
41	15.039	2043	2049	2053	rVB7	4534	9412	0.21%	0.024%
42	15.198	2069	2076	2084	rBV	2130469	2947848	65.57%	7.662%
43	15.322	2091	2097	2107	rBV	698304	969500	21.57%	2.520%
44	15.439	2113	2117	2124	rVB2	27253	44362	0.99%	0.115%
45	15.533	2129	2133	2136	rVV5	9636	12740	0.28%	0.033%
46	15.580	2139	2141	2144	rVV3	8570	10398	0.23%	0.027%
47	15.769	2169	2173	2174	rBV4	3476	4885	0.11%	0.013%
48	15.980	2206	2209	2215	rVB6	9841	13423	0.30%	0.035%
49	16.116	2228	2232	2235	rVB4	4775	4963	0.11%	0.013%
50	16.310	2258	2265	2270	rBV8	10901	19059	0.42%	0.050%
51	16.363	2270	2274	2275	rBV4	5379	6023	0.13%	0.016%
52	16.392	2277	2279	2284	rVV6	7867	14345	0.32%	0.037%
53	16.463	2287	2291	2294	rVB5	5886	8526	0.19%	0.022%
54	16.527	2299	2302	2307	rVB7	3560	6821	0.15%	0.018%
55	16.622	2316	2318	2323	rVB6	5286	5952	0.13%	0.015%
56	16.733	2333	2337	2342	rVB6	9655	14739	0.33%	0.038%
57	16.886	2359	2363	2367	rBV4	15251	21819	0.49%	0.057%
58	16.945	2367	2373	2379	rVV	1273872	1693006	37.66%	4.401%
59	17.045	2384	2390	2403	rVV	2317859	3297425	73.35%	8.571%
60	17.869	2525	2530	2538	rBV	288057	421657	9.38%	1.096%
61	18.745	2676	2679	2680	rBV3	7017	7900	0.18%	0.021%
62	18.980	2714	2719	2721	rBV	33826	55586	1.24%	0.144%
63	19.163	2745	2750	2758	rBV	135126	220512	4.91%	0.573%
64	19.227	2759	2761	2765	rVB2	28138	33930	0.75%	0.088%
65	19.345	2775	2781	2787	rBV	3058236	4101777	91.24%	10.662%
66	20.886	3039	3043	3051	rBV	427040	572191	12.73%	1.487%
67	21.145	3082	3087	3098	rBV	1731142	2174203	48.36%	5.651%
68	23.174	3426	3432	3440	rBV	2577038	4495440	100.00%	11.685%
69	23.309	3450	3455	3464	rVB	1258599	2250934	50.07%	5.851%

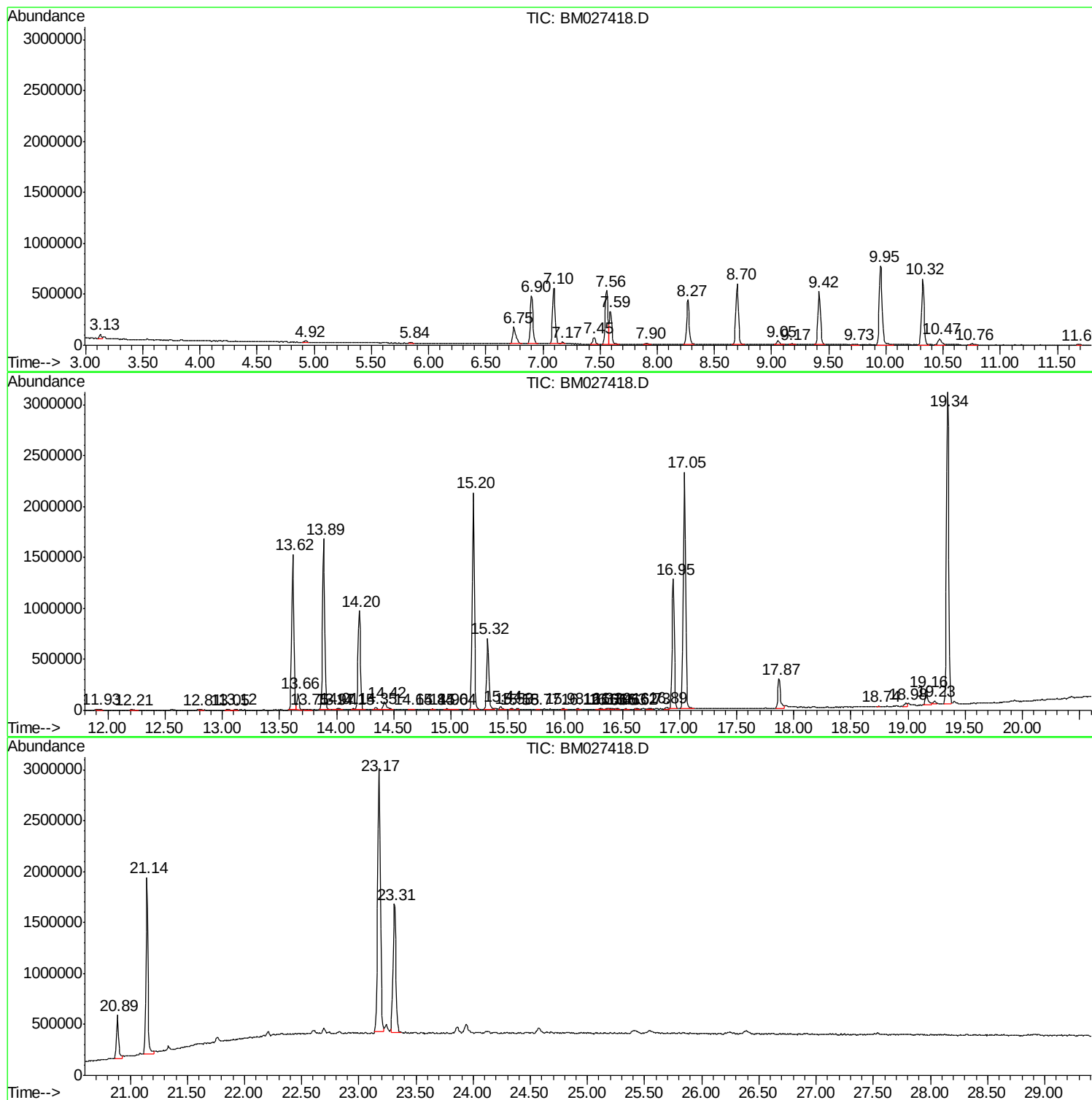
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Quant Title : SVOA CALIBRATION

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



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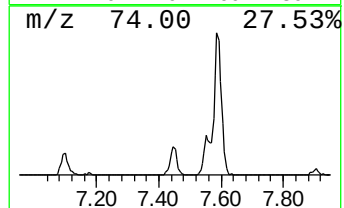
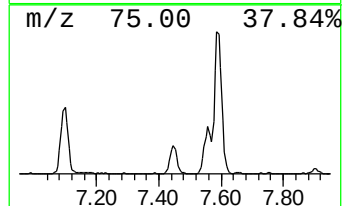
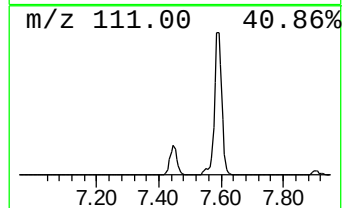
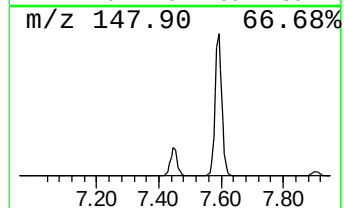
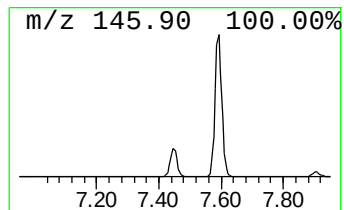
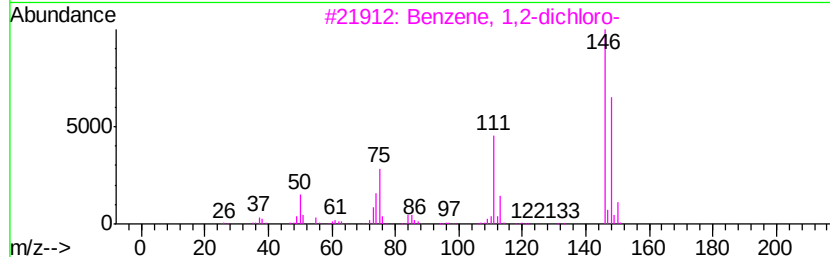
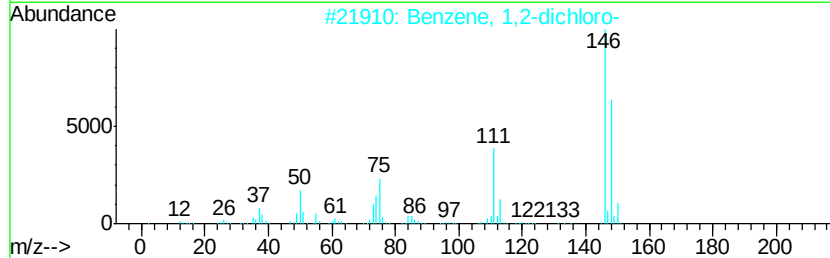
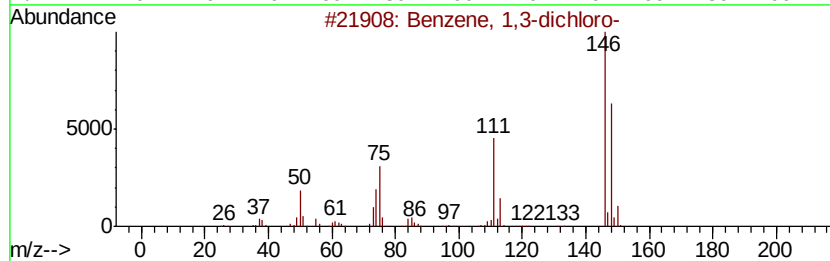
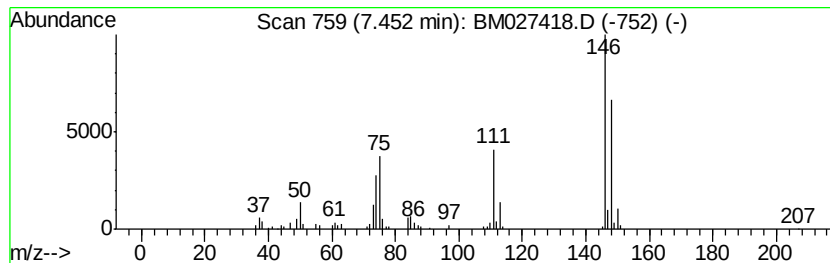
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,3-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	2.39 ng/ul	102467	1,4-Dichlorobenzene-d4	7.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2			Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
3			Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
4			Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5			Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	94



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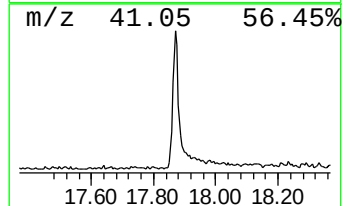
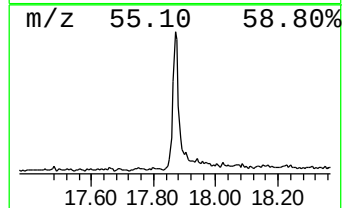
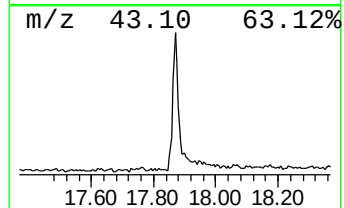
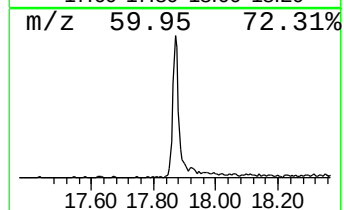
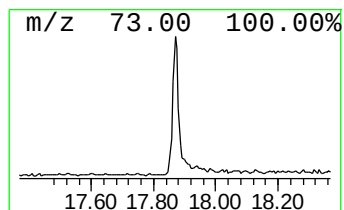
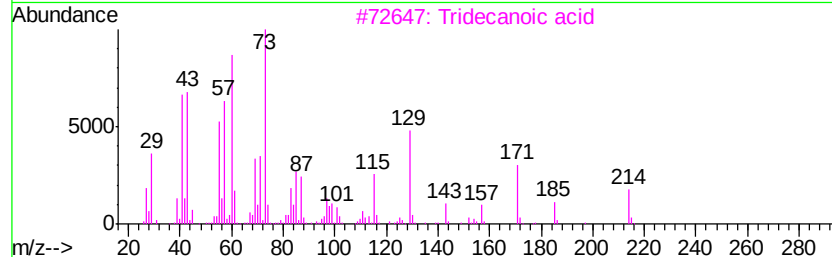
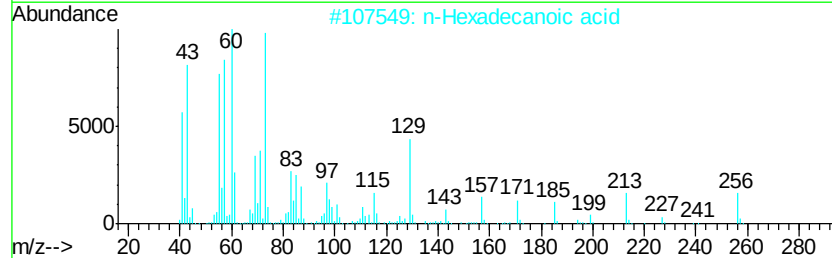
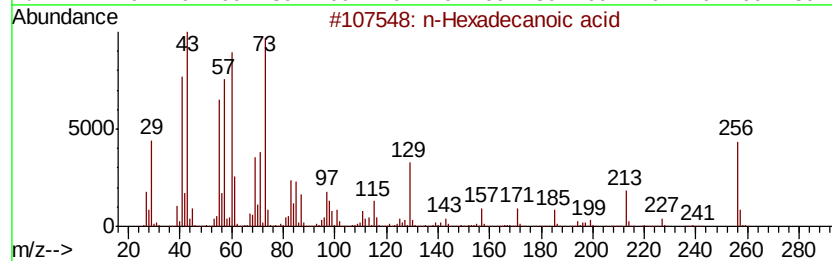
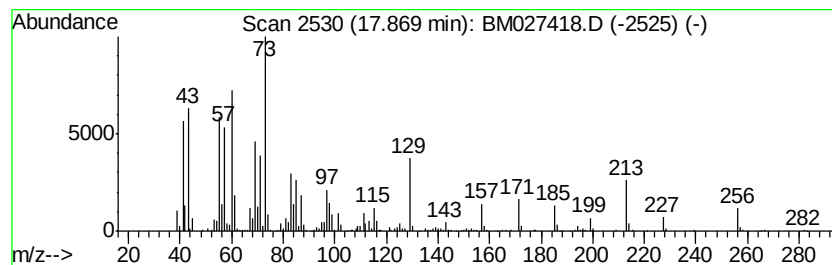
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.87	4.98 ng/ul	421657	Phenanthrene-d10		16.95		
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	96
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



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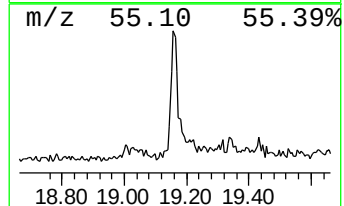
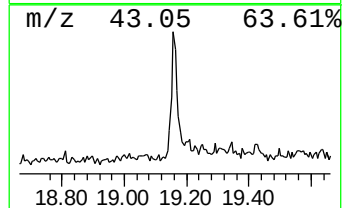
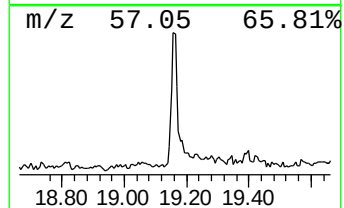
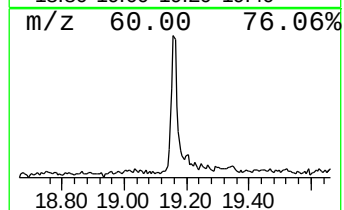
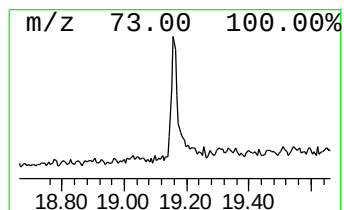
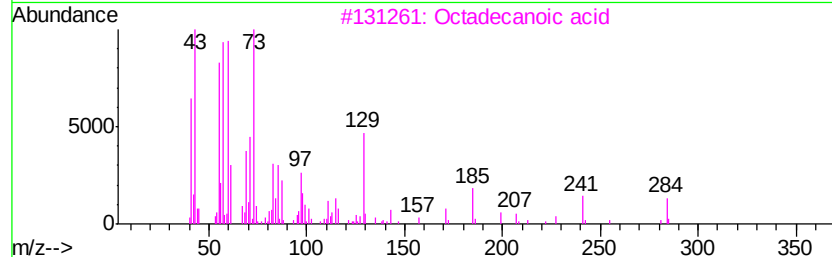
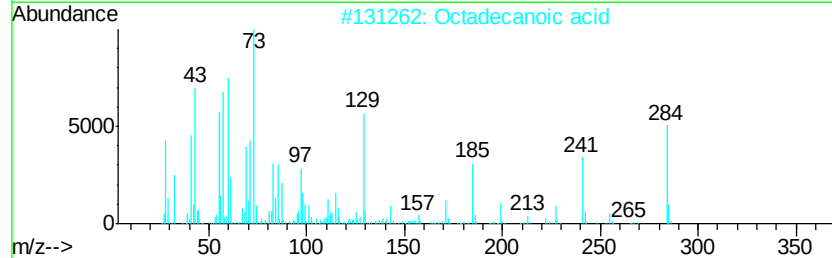
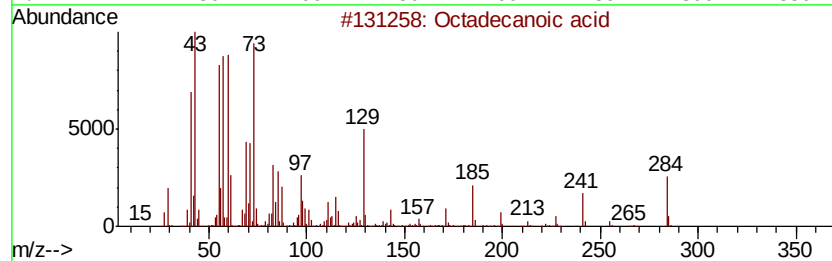
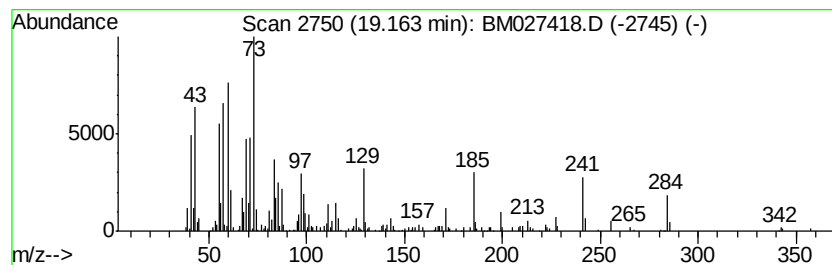
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.03 ng/ul	220512	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	96
2			Octadecanoic acid	284	C18H36O2	000057-11-4	95
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	92
5			Octadecanoic acid	284	C18H36O2	000057-11-4	90



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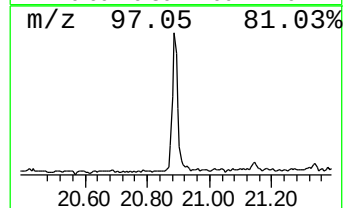
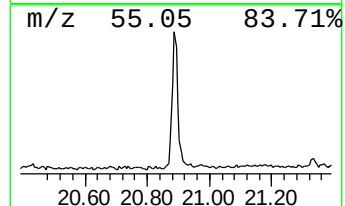
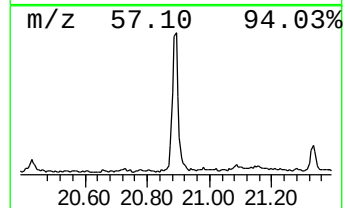
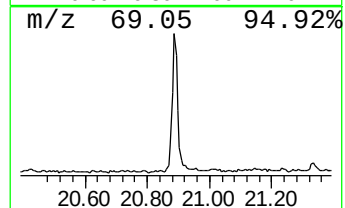
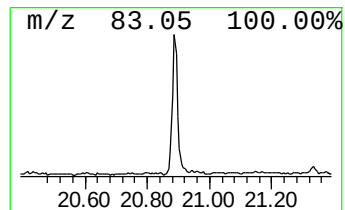
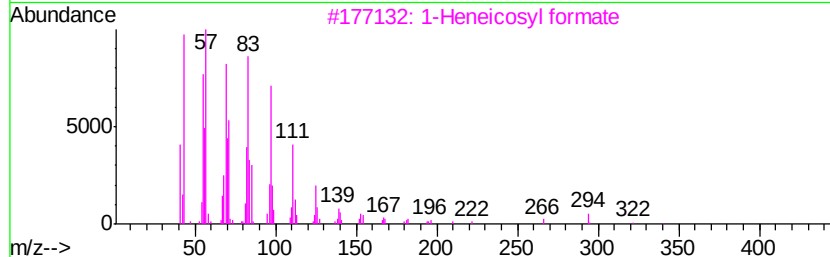
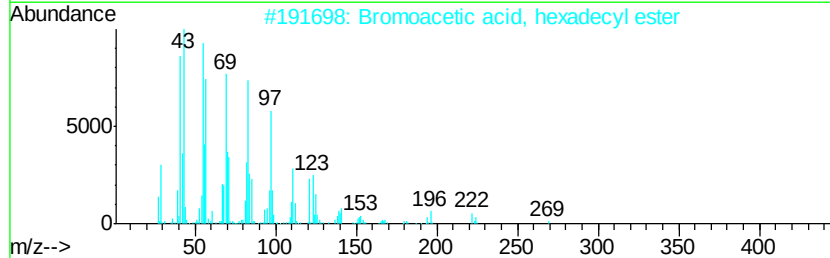
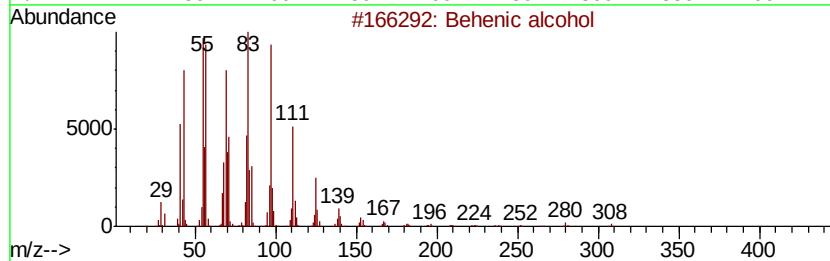
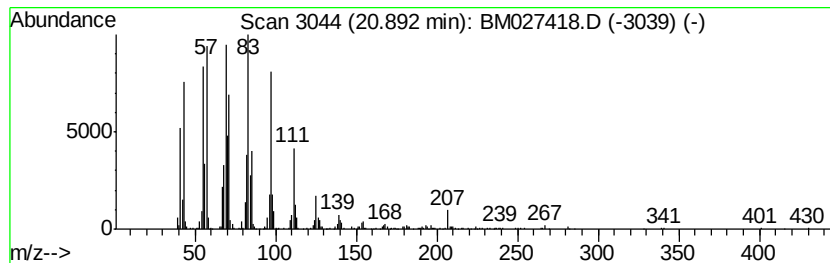
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Peak Number 4 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.26 ng/ul	572191	Chrysene-d12	21.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 91
2		Bromoacetic acid, hexadecyl ester	362 C18H35BrO2	005454-48-8 91
3		1-Heneicosyl formate	340 C22H44O2	077899-03-7 91
4		3-Eicosene, (E)-	280 C20H40	074685-33-9 91
5		1-Hexadecanol	242 C16H34O	036653-82-4 90



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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
Benzene, 1,3-dich...	7.45	2.4	ng/ul	102467	1	7.56	857498	20.0
n-Hexadecanoic acid	17.87	5.0	ng/ul	421657	4	16.95	1693010	20.0
Octadecanoic acid	19.16	2.0	ng/ul	220512	5	21.14	2174200	20.0
Behenic alcohol	20.89	5.3	ng/ul	572191	5	21.14	2174200	20.0