

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028423.D
 Acq On : 22 Aug 2017 17:58
 Operator : SJ/JU
 Sample : I4827-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AA6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.828	36	41	46	rBV3	8513	12314	0.88%	0.083%
2	4.327	124	126	130	rBV2	2836	4234	0.30%	0.029%
3	4.439	139	145	150	rBV6	2861	5905	0.42%	0.040%
4	4.568	166	167	172	rVB2	2333	3040	0.22%	0.021%
5	4.756	193	199	206	rBV2	19322	32748	2.35%	0.222%
6	4.921	222	227	229	rBV4	2795	3643	0.26%	0.025%
7	5.162	260	268	273	rBV4	10503	17842	1.28%	0.121%
8	5.226	276	279	285	rVB2	2149	3154	0.23%	0.021%
9	5.455	312	318	323	rVB7	4785	10989	0.79%	0.074%
10	5.796	374	376	383	rVB7	3311	5000	0.36%	0.034%
11	6.078	422	424	428	rBV2	2427	3030	0.22%	0.021%
12	6.272	452	457	460	rVB4	1969	3419	0.25%	0.023%
13	6.413	477	481	484	rBV4	2036	2768	0.20%	0.019%
14	6.466	487	490	494	rVB	2302	2708	0.19%	0.018%
15	6.513	494	498	499	rBV2	2087	2702	0.19%	0.018%
16	6.548	501	504	511	rVB4	2376	3916	0.28%	0.027%
17	6.660	522	523	529	rVB4	2477	3148	0.23%	0.021%
18	7.136	601	604	609	rVB4	1991	2508	0.18%	0.017%
19	7.200	609	615	617	rBV	2030	2706	0.19%	0.018%
20	7.324	629	636	650	rBV6	6941	18545	1.33%	0.126%
21	7.494	658	665	680	rVB	182800	343049	24.64%	2.324%
22	7.659	686	693	702	rBV	132824	224105	16.09%	1.518%
23	7.876	722	730	746	rVB2	173887	316420	22.72%	2.144%
24	8.340	802	809	820	rBV	116970	211224	15.17%	1.431%
25	8.681	862	867	870	rBV5	2514	3916	0.28%	0.027%
26	9.039	921	928	938	rBV	232858	436889	31.38%	2.960%
27	9.292	969	971	976	rVB4	1865	3321	0.24%	0.023%
28	9.439	993	996	1000	rBV2	2208	2418	0.17%	0.016%
29	9.509	1000	1008	1019	rVV	186821	353451	25.38%	2.395%
30	9.603	1019	1024	1031	rVV5	5733	13920	1.00%	0.094%
31	9.656	1031	1033	1043	rVB5	2672	7180	0.52%	0.049%
32	9.803	1054	1058	1062	rBV4	1666	2482	0.18%	0.017%
33	9.921	1076	1078	1082	rBV3	2234	2752	0.20%	0.019%
34	10.238	1124	1132	1143	rBV	174012	315236	22.64%	2.136%

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35	10.485	1172	1174	1179	rVB2	2059	2815	0.20%	0.019%
36	10.637	1199	1200	1204	rVB3	2626	3218	0.23%	0.022%
37	10.690	1207	1209	1215	rBV2	2324	3356	0.24%	0.023%
38	10.778	1215	1224	1237	rVV2	247614	485576	34.87%	3.290%
39	10.861	1237	1238	1243	rBV2	2464	2593	0.19%	0.018%
40	10.984	1256	1259	1262	rBV3	2813	3669	0.26%	0.025%
41	11.096	1274	1278	1280	rVB2	3697	4951	0.36%	0.034%
42	11.166	1280	1290	1302	rBV	181050	354168	25.44%	2.400%
43	11.296	1302	1312	1323	rBV	217803	425525	30.56%	2.883%
44	11.672	1371	1376	1380	rBV4	2191	3939	0.28%	0.027%
45	12.053	1439	1441	1448	rVB3	1737	2455	0.18%	0.017%
46	12.353	1490	1492	1498	rBV4	2034	3255	0.23%	0.022%
47	12.524	1519	1521	1526	rBV3	1817	2460	0.18%	0.017%
48	12.612	1530	1536	1540	rBV6	2992	5572	0.40%	0.038%
49	12.729	1548	1556	1560	rVB4	4656	9204	0.66%	0.062%
50	13.193	1632	1635	1639	rVB3	1602	2487	0.18%	0.017%
51	13.305	1648	1654	1658	rBV6	5060	8045	0.58%	0.055%
52	13.546	1689	1695	1699	rBV5	5419	9291	0.67%	0.063%
53	13.605	1702	1705	1712	rVB3	2979	5490	0.39%	0.037%
54	13.734	1724	1727	1732	rBV5	2743	3206	0.23%	0.022%
55	13.969	1763	1767	1772	rBV3	2041	3678	0.26%	0.025%
56	14.016	1772	1775	1779	rBV4	1766	2824	0.20%	0.019%
57	14.192	1801	1805	1807	rBV2	1931	2592	0.19%	0.018%
58	14.339	1822	1830	1835	rBV	516086	792396	56.91%	5.369%
59	14.386	1835	1838	1848	rVB	141203	203992	14.65%	1.382%
60	14.539	1860	1864	1866	rBV2	2136	3030	0.22%	0.021%
61	14.650	1875	1883	1893	rBV	557923	901265	64.73%	6.107%
62	14.950	1928	1934	1943	rBV2	316772	547497	39.32%	3.710%
63	15.150	1960	1968	1985	rBV2	161603	354841	25.48%	2.404%
64	15.326	1994	1998	2003	rBV7	5692	10367	0.74%	0.070%
65	15.449	2016	2019	2021	rVB4	3502	2879	0.21%	0.020%
66	15.602	2043	2045	2050	rBV4	1797	2582	0.19%	0.017%
67	15.708	2059	2063	2066	rBV4	3990	5425	0.39%	0.037%
68	15.737	2067	2068	2074	rVB5	7173	9538	0.68%	0.065%
69	15.943	2094	2103	2112	rVB	760054	1172985	84.24%	7.948%
70	16.061	2115	2123	2131	rBV	251240	399798	28.71%	2.709%
71	16.131	2133	2135	2138	rVV3	2452	2556	0.18%	0.017%

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72	16.178	2138	2143	2147	rVB4	9617	15287	1.10%	0.104%
73	16.296	2162	2163	2170	rBV4	2078	3688	0.26%	0.025%
74	16.454	2187	2190	2191	rBV3	3503	3130	0.22%	0.021%
75	16.489	2194	2196	2198	rBV2	2897	2897	0.21%	0.020%
76	16.613	2211	2217	2224	rBV6	8586	19742	1.42%	0.134%
77	16.801	2247	2249	2254	rBV3	5476	6093	0.44%	0.041%
78	16.848	2254	2257	2260	rVB4	3656	3409	0.24%	0.023%
79	16.883	2260	2263	2266	rBV5	3578	4382	0.31%	0.030%
80	16.971	2273	2278	2280	rBV5	3722	5929	0.43%	0.040%
81	17.006	2283	2284	2287	rBV3	4688	5461	0.39%	0.037%
82	17.048	2289	2291	2296	rBV3	3762	5486	0.39%	0.037%
83	17.171	2310	2312	2314	rBV3	3498	2719	0.20%	0.018%
84	17.300	2329	2334	2335	rBV5	2964	4127	0.30%	0.028%
85	17.371	2343	2346	2348	rBV4	4545	3769	0.27%	0.026%
86	17.412	2348	2353	2358	rBV3	12362	19190	1.38%	0.130%
87	17.453	2358	2360	2362	rBV3	2634	3004	0.22%	0.020%
88	17.565	2375	2379	2387	rVB7	10152	18854	1.35%	0.128%
89	17.700	2393	2402	2412	rBV2	427525	681823	48.97%	4.620%
90	17.800	2412	2419	2428	rBV2	778607	1231954	88.47%	8.347%
91	17.929	2439	2441	2443	rBV3	3295	3900	0.28%	0.026%
92	18.146	2475	2478	2483	rVB6	7644	11243	0.81%	0.076%
93	18.328	2506	2509	2515	rVB7	8517	11573	0.83%	0.078%
94	18.546	2540	2546	2555	rBV2	111717	193328	13.88%	1.310%
95	19.075	2633	2636	2643	rBV9	7582	13896	1.00%	0.094%
96	19.803	2756	2760	2769	rBV4	45322	90170	6.48%	0.611%
97	20.073	2800	2806	2815	rBV	953873	1392432	100.00%	9.434%
98	22.030	3133	3139	3146	rBV	428496	747013	53.65%	5.061%
99	25.297	3684	3695	3707	rVB2	444045	1372530	98.57%	9.300%
100	25.532	3726	3735	3748	rVB2	238840	741847	53.28%	5.026%

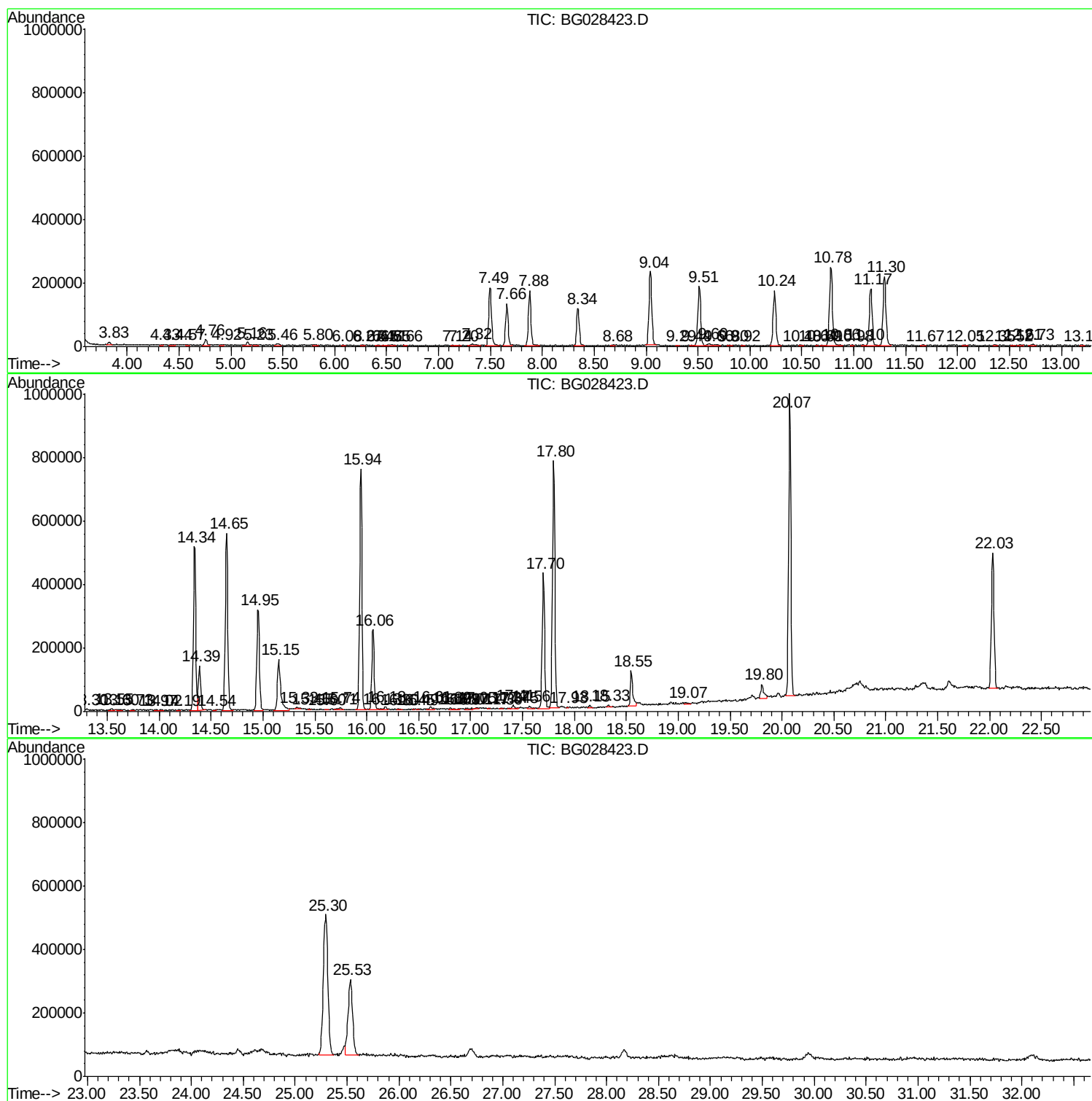
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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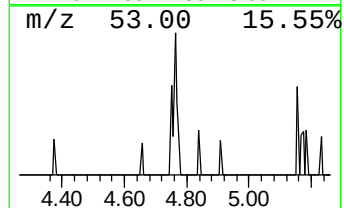
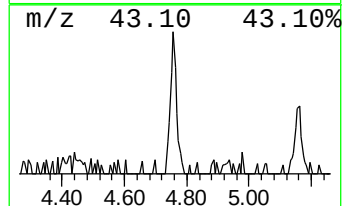
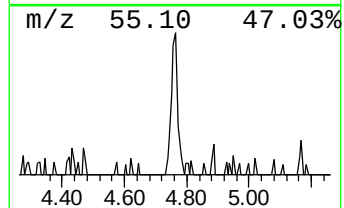
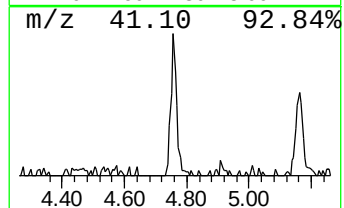
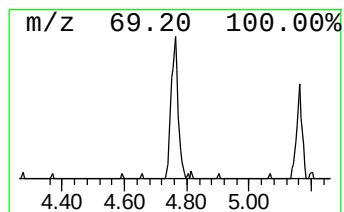
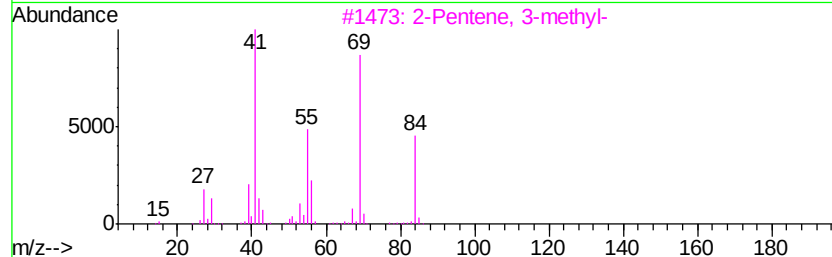
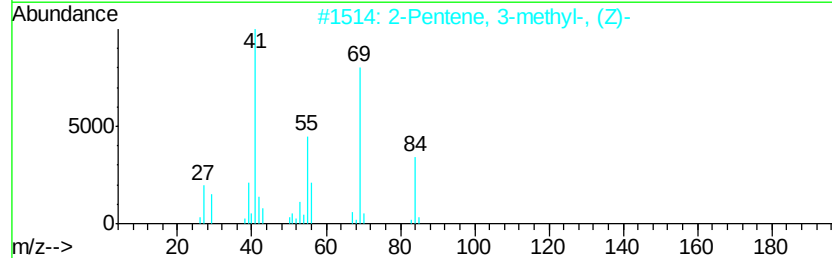
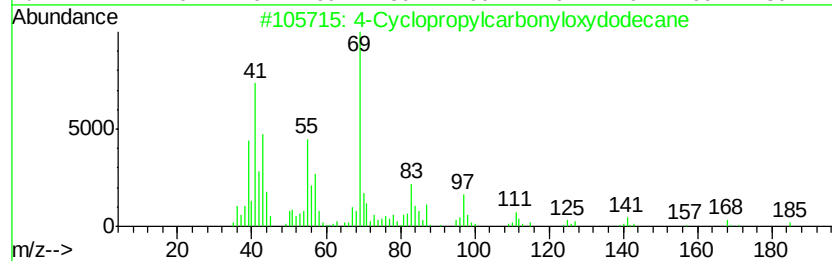
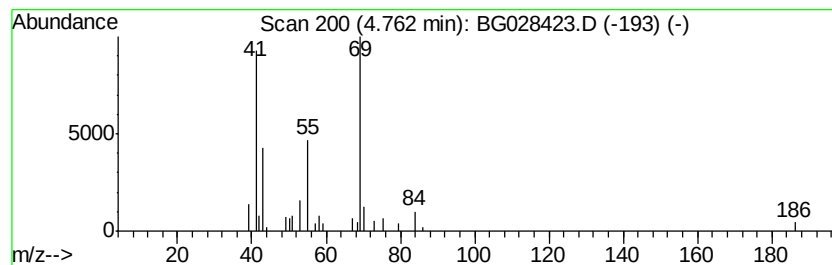
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	3.10 ng/ul	32748	1,4-Dichlorobenzene-d4	8.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Cyclopropylcarbonyloxododecane	254	C16H30O2	1000245-58-2	12
2			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	10
3			2-Pentene, 3-methyl-	84	C6H12	000922-61-2	10
4			Trichloroacetic acid, 3-tridecyl...	344	C15H27Cl3O2	1000282-06-4	9
5			3-Cyclopropylcarbonyloxododecane	254	C16H30O2	1000245-58-1	9



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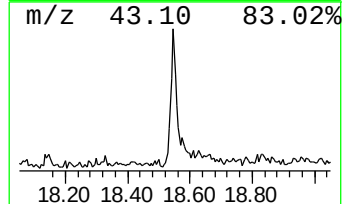
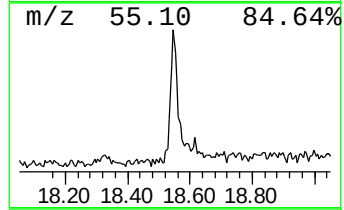
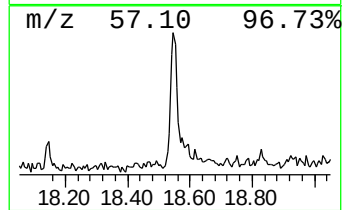
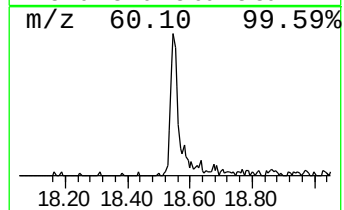
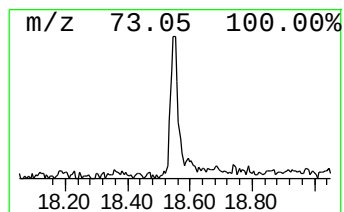
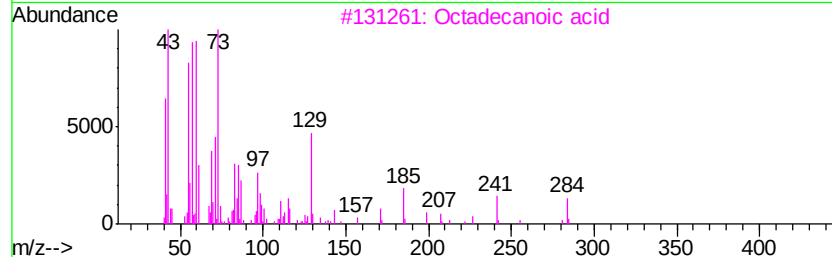
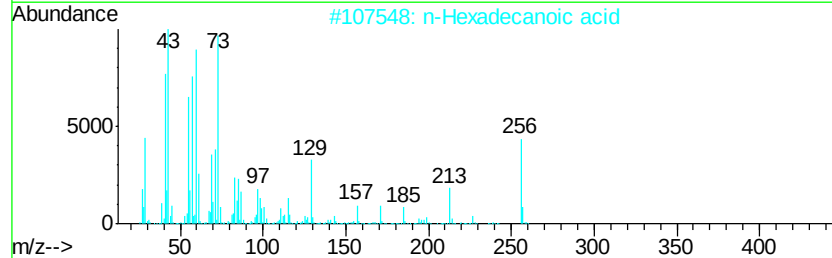
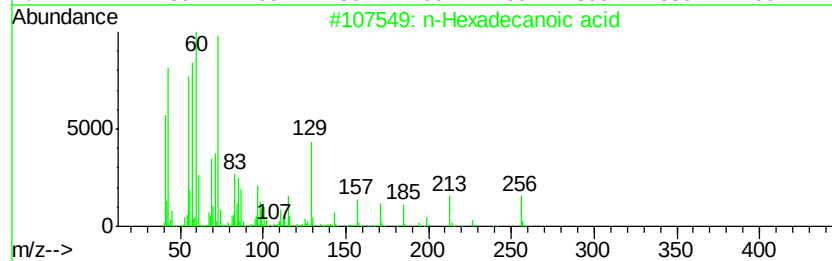
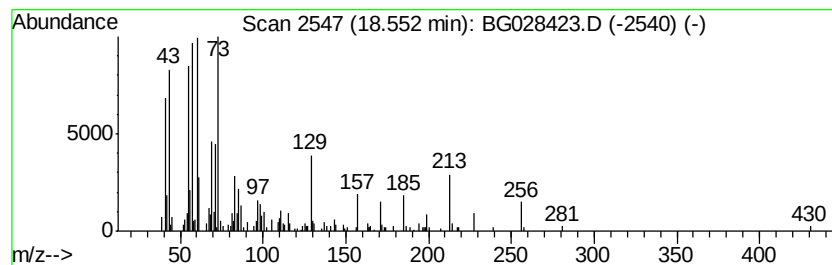
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	5.67 ng/ul	193328	Phenanthrene-d10	17.70

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	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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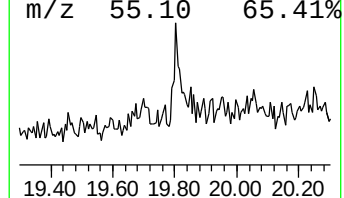
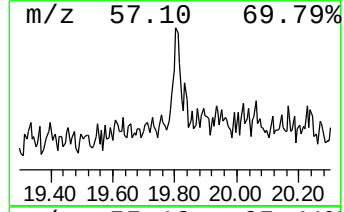
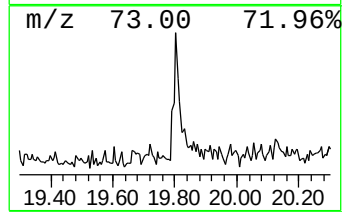
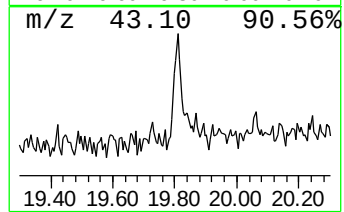
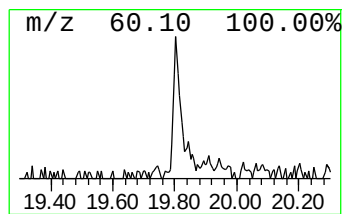
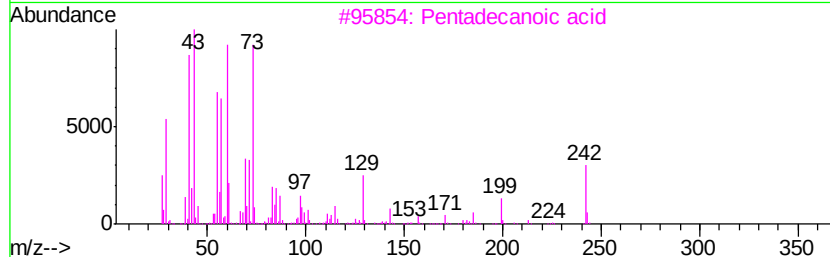
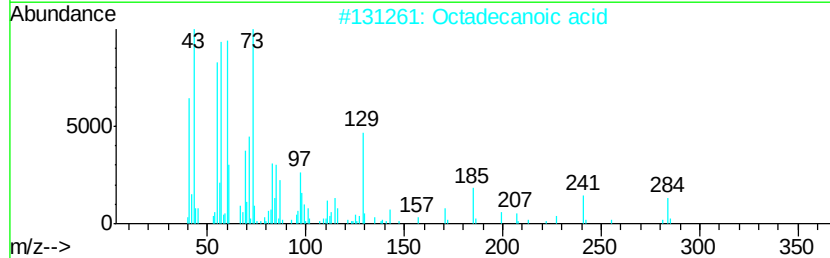
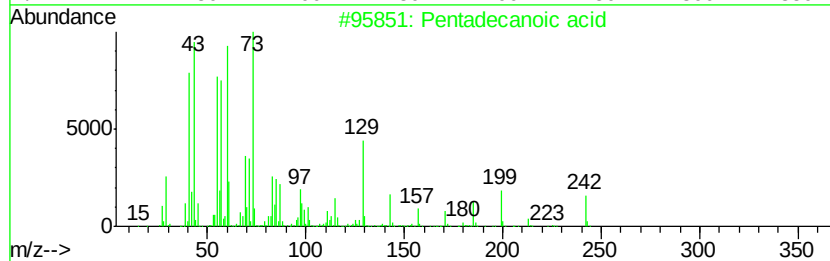
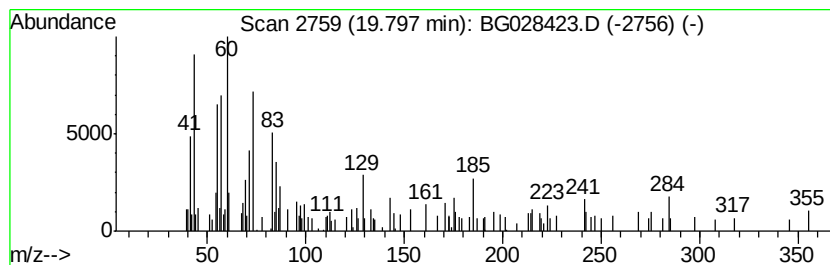
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	2.64 ng/ul	90170	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2		Octadecanoic acid	284	C18H36O2	000057-11-4	72
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	64
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55



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Instrument :
BNA_G
ClientSampleId :
B0AA6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
unknown-01	4.76	3.1	ng/ul	32748	1	8.34	211224	20.0
n-Hexadecanoic acid	18.55	5.7	ng/ul	193328	4	17.70	681823	20.0
Pentadecanoic acid	19.80	2.6	ng/ul	90170	4	17.70	681823	20.0