

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028267.D
 Acq On : 10 Aug 2017 20:42
 Operator : SJ/JU
 Sample : I4529-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA3

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	3.841	38	43	50	rVB	14928	24813	1.22%	0.121%
2	4.341	124	128	135	rBV5	3636	6420	0.31%	0.031%
3	4.582	164	169	177	rVB6	1930	4070	0.20%	0.020%
4	5.457	312	318	324	rVB6	2148	4040	0.20%	0.020%
5	5.833	378	382	387	rBV3	1974	3815	0.19%	0.019%
6	6.562	500	506	512	rBV4	2228	4081	0.20%	0.020%
7	7.502	657	666	678	rBV2	240130	483629	23.72%	2.367%
8	7.672	684	695	707	rVB	176210	314700	15.44%	1.540%
9	7.884	724	731	741	rBV	235988	422916	20.74%	2.070%
10	8.354	804	811	823	rBV2	168948	295629	14.50%	1.447%
11	9.047	920	929	945	rVB	300533	555490	27.25%	2.719%
12	9.176	949	951	959	rVB4	3617	6619	0.32%	0.032%
13	9.517	999	1009	1023	rVB	224920	431297	21.15%	2.111%
14	10.246	1125	1133	1145	rBV2	199997	376842	18.48%	1.844%
15	10.633	1193	1199	1204	rVB3	2844	4654	0.23%	0.023%
16	10.786	1217	1225	1236	rBV	303829	583808	28.63%	2.857%
17	11.174	1282	1291	1304	rVB	236853	450319	22.09%	2.204%
18	11.303	1304	1313	1328	rBV	220381	446462	21.90%	2.185%
19	11.985	1422	1429	1434	rBV3	4557	8315	0.41%	0.041%
20	12.149	1448	1457	1463	rVB4	4012	8100	0.40%	0.040%
21	12.232	1463	1471	1473	rBV2	2229	4740	0.23%	0.023%
22	12.314	1480	1485	1491	rVB3	3296	7275	0.36%	0.036%
23	12.737	1550	1557	1565	rVB3	4689	9281	0.46%	0.045%
24	13.025	1603	1606	1613	rBV3	3201	5507	0.27%	0.027%
25	13.225	1633	1640	1646	rVB4	5240	10317	0.51%	0.050%
26	13.430	1669	1675	1682	rBV3	3726	8301	0.41%	0.041%
27	13.659	1711	1714	1722	rVB3	2003	5022	0.25%	0.025%
28	13.753	1722	1730	1737	rBV4	4372	10726	0.53%	0.052%
29	13.824	1737	1742	1748	rBV3	2461	4689	0.23%	0.023%
30	14.094	1783	1788	1790	rBV3	3450	3731	0.18%	0.018%
31	14.123	1790	1793	1801	rVB6	3515	6452	0.32%	0.032%
32	14.294	1815	1822	1826	rBV4	26985	45477	2.23%	0.223%
33	14.347	1826	1831	1836	rVV	639040	988366	48.48%	4.837%
34	14.394	1836	1839	1845	rVB	85203	120118	5.89%	0.588%

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35	14.652	1875	1883	1893	rBV	626815	1050942	51.55%	5.143%
36	14.811	1907	1910	1915	rVB4	5366	6278	0.31%	0.031%
37	14.958	1926	1935	1943	rBV2	408971	683662	33.53%	3.346%
38	15.087	1952	1957	1961	rBV	45298	64031	3.14%	0.313%
39	15.146	1961	1967	1980	rVV2	215374	428507	21.02%	2.097%
40	15.310	1991	1995	1997	rVB5	3364	3710	0.18%	0.018%
41	15.357	1999	2003	2011	rVB9	11359	24179	1.19%	0.118%
42	15.451	2017	2019	2025	rVB7	2451	4354	0.21%	0.021%
43	15.586	2036	2042	2044	rBV5	2265	4112	0.20%	0.020%
44	15.716	2060	2064	2065	rBV3	4597	5463	0.27%	0.027%
45	15.763	2069	2072	2078	rVB6	8030	13667	0.67%	0.067%
46	15.810	2078	2080	2086	rBV4	3938	5280	0.26%	0.026%
47	15.880	2087	2092	2096	rBV2	39497	59405	2.91%	0.291%
48	15.945	2096	2103	2115	rVB	887727	1400097	68.67%	6.852%
49	16.056	2116	2122	2133	rVB	341493	546375	26.80%	2.674%
50	16.186	2134	2144	2153	rVB8	12957	32563	1.60%	0.159%
51	16.309	2153	2165	2169	rBV8	8932	20455	1.00%	0.100%
52	16.380	2173	2177	2181	rVB6	11870	16717	0.82%	0.082%
53	16.444	2187	2188	2196	rVB8	3433	6852	0.34%	0.034%
54	16.521	2200	2201	2206	rBV5	4434	6460	0.32%	0.032%
55	16.568	2206	2209	2213	rVV6	5006	6983	0.34%	0.034%
56	16.621	2213	2218	2228	rVV4	17499	37709	1.85%	0.185%
57	16.715	2228	2234	2239	rVB8	7886	21326	1.05%	0.104%
58	16.885	2260	2263	2267	rVB6	3975	7160	0.35%	0.035%
59	16.979	2274	2279	2287	rBV6	29430	68041	3.34%	0.333%
60	17.073	2293	2295	2300	rVB6	7361	10074	0.49%	0.049%
61	17.226	2316	2321	2336	rVB2	24014	62596	3.07%	0.306%
62	17.420	2350	2354	2361	rBV7	12309	23581	1.16%	0.115%
63	17.549	2371	2376	2378	rVB5	4715	6730	0.33%	0.033%
64	17.631	2387	2390	2394	rBV4	5847	12060	0.59%	0.059%
65	17.707	2394	2403	2412	rVV2	560085	920626	45.15%	4.506%
66	17.807	2412	2420	2430	rVV	1064946	1672197	82.02%	8.184%
67	17.948	2439	2444	2448	rBV6	9466	14465	0.71%	0.071%
68	18.078	2463	2466	2469	rBV5	6325	6601	0.32%	0.032%
69	18.336	2506	2510	2513	rBV5	8617	12645	0.62%	0.062%
70	18.559	2541	2548	2556	rBV4	70468	143301	7.03%	0.701%
71	18.712	2570	2574	2578	rVB6	5404	7936	0.39%	0.039%

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72	18.765	2580	2583	2585	rBV4	4105	4092	0.20%	0.020%
73	18.912	2606	2608	2610	rBV3	6204	6886	0.34%	0.034%
74	19.076	2632	2636	2640	rVB7	7713	10038	0.49%	0.049%
75	19.464	2699	2702	2710	rBV8	8837	17177	0.84%	0.084%
76	19.711	2735	2744	2755	rVB4	24088	62604	3.07%	0.306%
77	19.817	2755	2762	2770	rBV2	87090	165917	8.14%	0.812%
78	19.970	2783	2788	2793	rVB4	16877	26187	1.28%	0.128%
79	20.081	2800	2807	2816	rVB	1351366	2028390	99.49%	9.927%
80	20.310	2845	2846	2852	rBV6	7198	12829	0.63%	0.063%
81	21.074	2972	2976	2986	rVB10	19819	41500	2.04%	0.203%
82	21.374	3024	3027	3028	rBV3	11680	11523	0.57%	0.056%
83	21.609	3063	3067	3074	rBV7	23646	45270	2.22%	0.222%
84	22.038	3132	3140	3148	rVB	592417	1048740	51.44%	5.133%
85	22.173	3158	3163	3169	rBV9	12869	28014	1.37%	0.137%
86	22.237	3171	3174	3181	rVB7	14759	29344	1.44%	0.144%
87	22.578	3230	3232	3235	rVB4	6674	6938	0.34%	0.034%
88	22.843	3272	3277	3287	rVB5	18963	37645	1.85%	0.184%
89	23.589	3400	3404	3411	rVB7	16946	32846	1.61%	0.161%
90	23.736	3426	3429	3435	rVB2	12913	20095	0.99%	0.098%
91	24.229	3509	3513	3516	rBV6	4252	8164	0.40%	0.040%
92	24.464	3545	3553	3561	rVB2	49686	124286	6.10%	0.608%
93	25.304	3682	3696	3713	rVB2	647590	2038859	100.00%	9.979%
94	25.539	3720	3736	3753	rBV2	319572	1102148	54.06%	5.394%
95	26.174	3841	3844	3846	rBV3	7355	10550	0.52%	0.052%
96	26.720	3930	3937	3946	rVB5	29489	89400	4.38%	0.438%
97	26.861	3952	3961	3971	rBV5	18512	68977	3.38%	0.338%
98	28.195	4178	4188	4199	rVB7	26848	99247	4.87%	0.486%
99	29.975	4478	4491	4503	rBV8	22556	99349	4.87%	0.486%
100	32.120	4851	4856	4874	rVB9	17055	72283	3.55%	0.354%

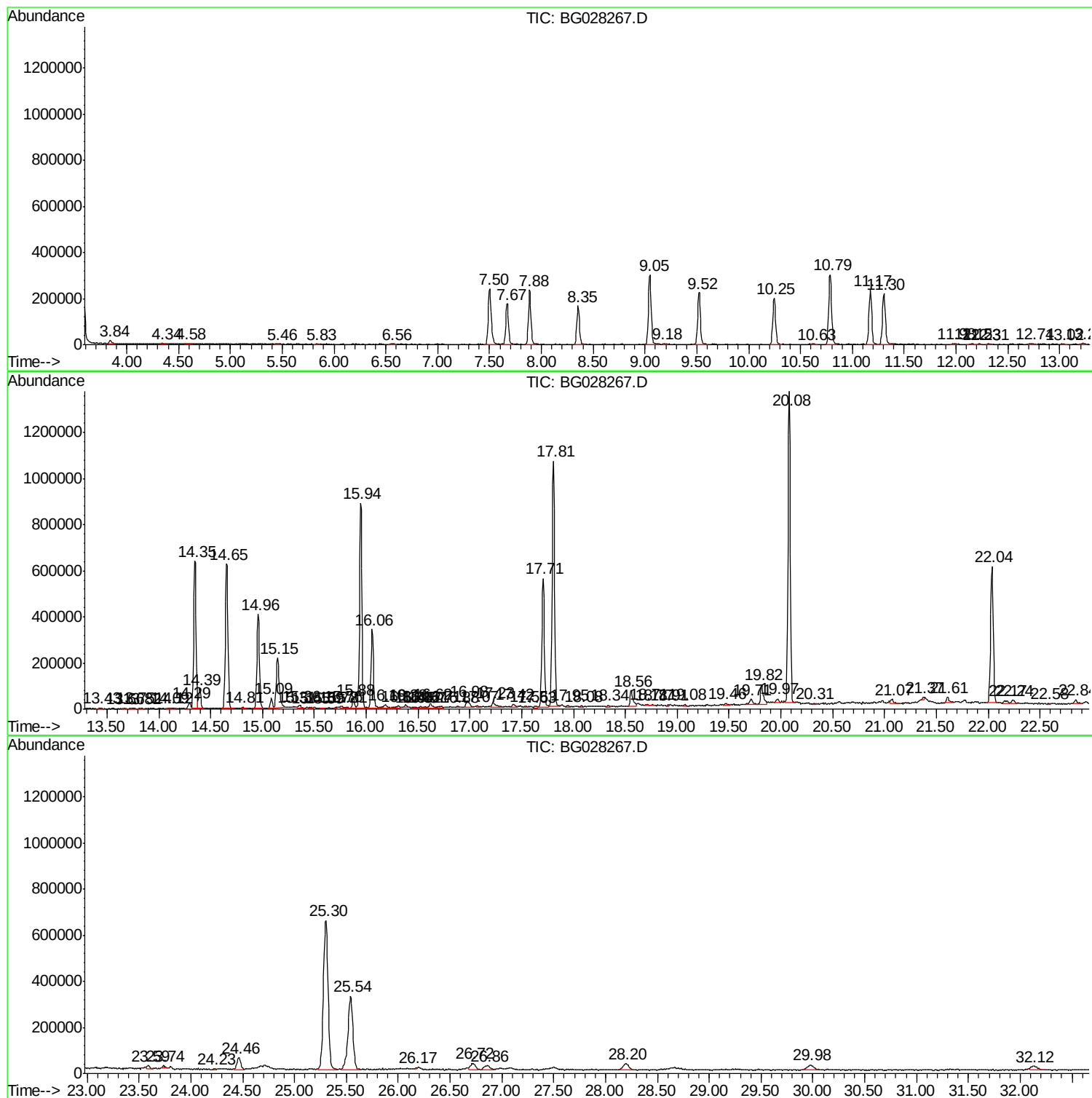
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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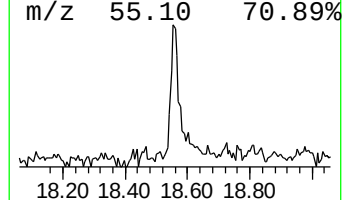
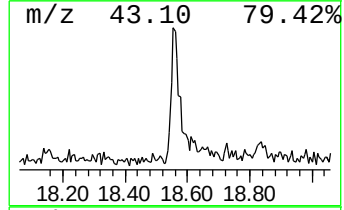
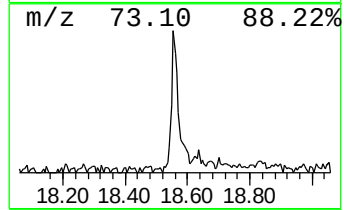
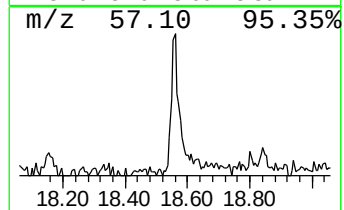
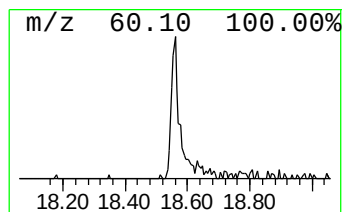
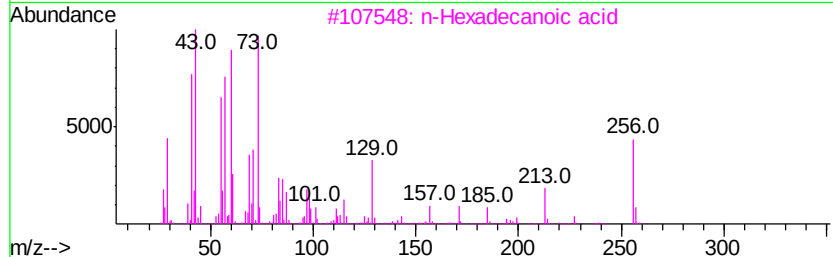
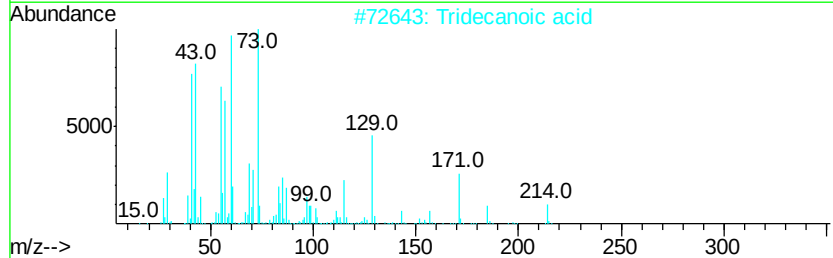
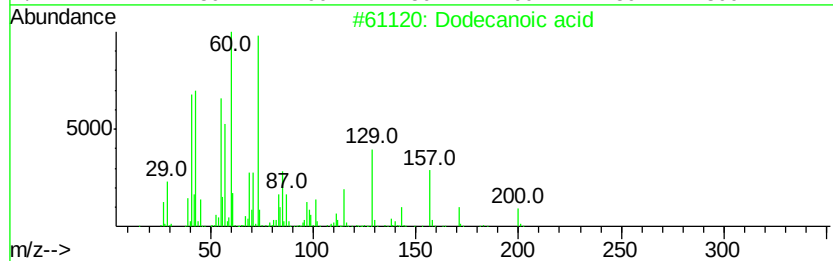
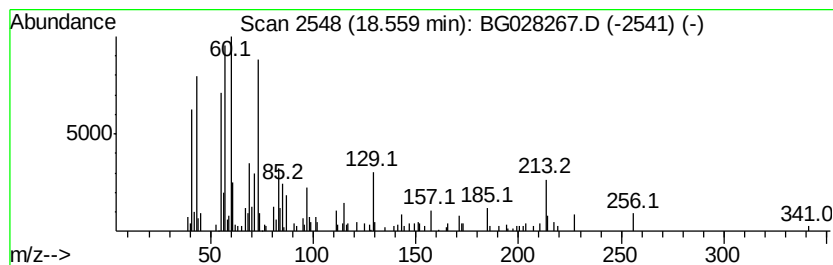
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.56	3.11 ng/ul	143301	Phenanthrene-d10		17.71
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Octadecanoic acid	284	C18H36O2	000057-11-4	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64



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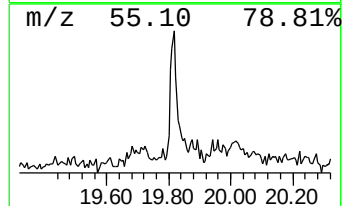
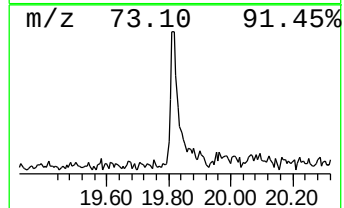
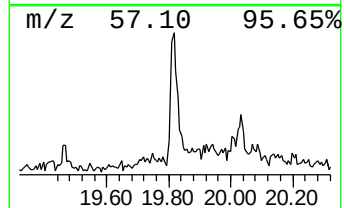
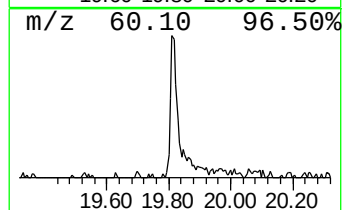
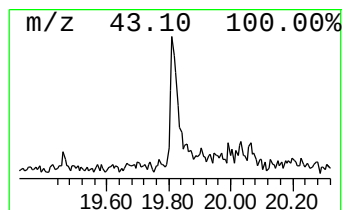
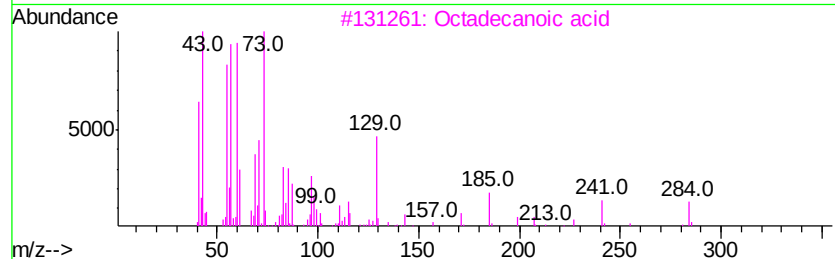
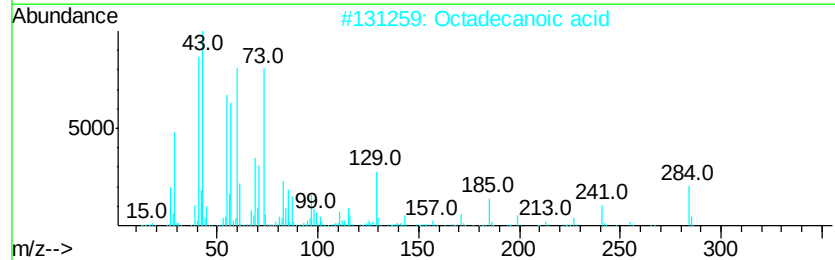
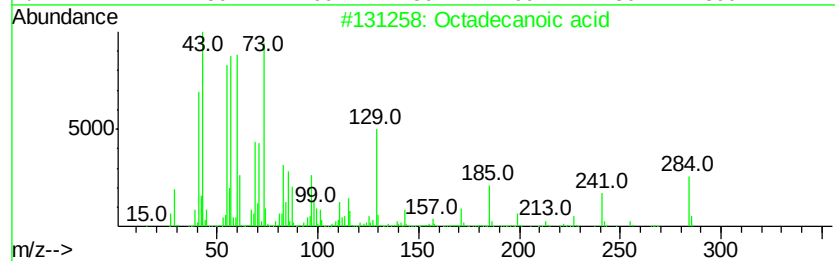
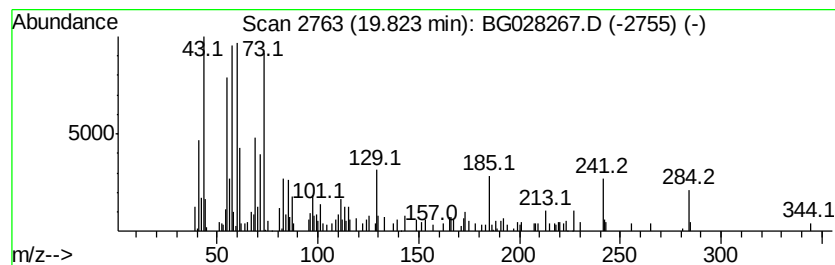
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	3.60 ng/ul	165917	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	90
2			Octadecanoic acid	284	C18H36O2	000057-11-4	90
3			Octadecanoic acid	284	C18H36O2	000057-11-4	87
4			Undecanoic acid	186	C11H22O2	000112-37-8	83
5			Octadecanoic acid	284	C18H36O2	000057-11-4	81



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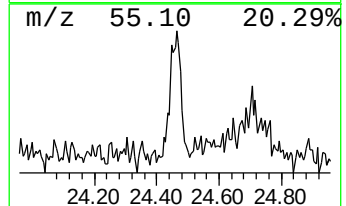
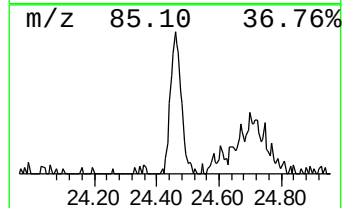
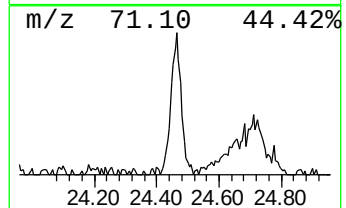
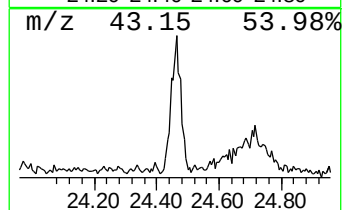
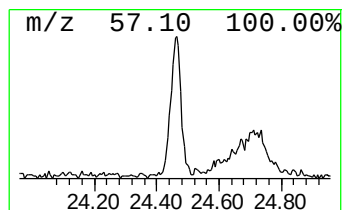
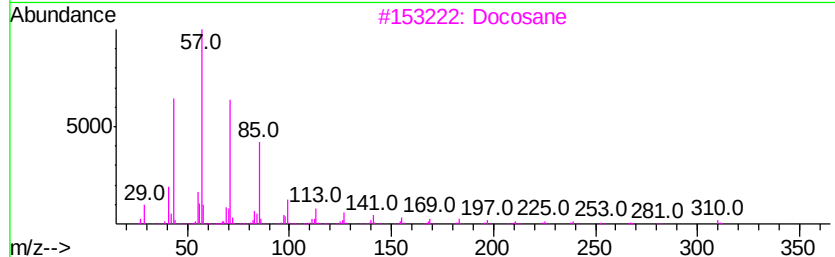
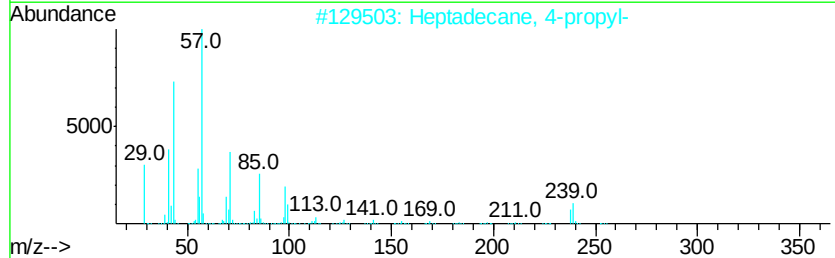
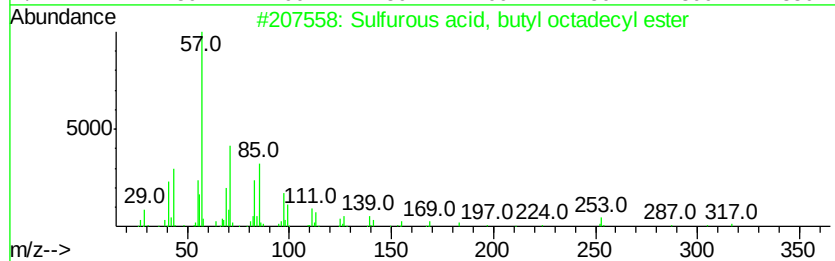
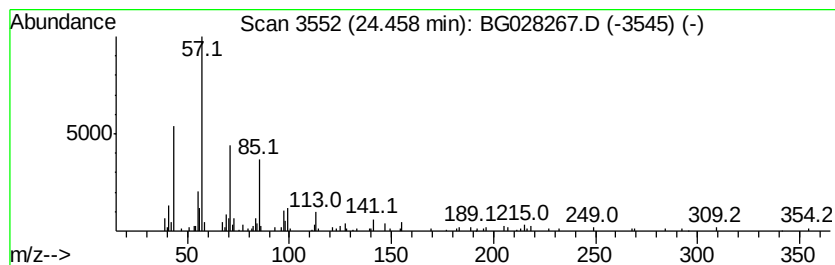
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Peak Number 3 Sulfurous acid, butyl octadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
24.46	2.26 ng/ul	124286	Perylene-d12		25.54		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl	octadecyl	...	390	C22H46O3S	1000309-18-5	72
2	Heptadecane, 4-propyl-			282	C20H42	055044-10-5	72
3	Docosane			310	C22H46	000629-97-0	70
4	Octacosane			394	C28H58	000630-02-4	64
5	Eicosane, 3-methyl-			296	C21H44	006418-46-8	64



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Instrument :
BNA_G
ClientSampleId :
C0AA3

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
Dodecanoic acid	18.56	3.1	ng/ul	143301	4	17.71	920626	20.0
Octadecanoic acid	19.82	3.6	ng/ul	165917	4	17.71	920626	20.0
Sulfurous acid, b...	24.46	2.3	ng/ul	124286	6	25.54	1102150	20.0