

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028246.D
 Acq On : 10 Aug 2017 4:22
 Operator : SJ/JU
 Sample : I4455-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG0

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	3.755	23	28	35	rBV6	3483	7582	0.72%	0.068%
2	3.837	39	42	50	rVB6	5102	9323	0.88%	0.084%
3	4.090	82	85	90	rVB3	2366	3825	0.36%	0.034%
4	4.243	106	111	117	rBV4	1245	3364	0.32%	0.030%
5	4.348	125	129	135	rBV4	3123	4701	0.45%	0.042%
6	5.371	299	303	309	rVV3	1981	3820	0.36%	0.034%
7	5.459	314	318	327	rVV5	3804	9345	0.89%	0.084%
8	6.364	465	472	476	rVB4	1685	3476	0.33%	0.031%
9	6.446	478	486	490	rBV3	2098	4821	0.46%	0.043%
10	6.646	514	520	527	rBV3	1216	3465	0.33%	0.031%
11	7.498	658	665	679	rBV2	87073	198619	18.83%	1.783%
12	7.668	688	694	705	rBV	62515	107526	10.20%	0.965%
13	7.885	720	731	738	rBV2	80639	149692	14.19%	1.344%
14	7.950	738	742	746	rVV4	3389	5664	0.54%	0.051%
15	8.355	803	811	820	rVV2	148033	256675	24.34%	2.304%
16	8.925	903	908	915	rBV2	1884	3657	0.35%	0.033%
17	9.043	922	928	943	rVB	104359	203002	19.25%	1.822%
18	9.184	950	952	958	rVV2	2436	4393	0.42%	0.039%
19	9.519	1001	1009	1023	rVB2	79811	155093	14.71%	1.392%
20	10.247	1124	1133	1143	rBV2	67268	132407	12.55%	1.189%
21	10.788	1214	1225	1236	rBV	102652	201938	19.15%	1.813%
22	11.170	1283	1290	1298	rVB	212124	390657	37.04%	3.507%
23	11.305	1307	1313	1327	rBV3	59039	127967	12.13%	1.149%
24	12.327	1483	1487	1498	rVB4	3383	7466	0.71%	0.067%
25	12.568	1522	1528	1530	rBV2	1837	3639	0.35%	0.033%
26	12.621	1530	1537	1543	rBV3	3465	5962	0.57%	0.054%
27	13.314	1650	1655	1660	rBV3	2898	5095	0.48%	0.046%
28	13.549	1690	1695	1701	rVB5	5208	8152	0.77%	0.073%
29	13.749	1725	1729	1732	rVB2	2063	3163	0.30%	0.028%
30	14.266	1811	1817	1820	rBV4	2367	3105	0.29%	0.028%
31	14.348	1820	1831	1835	rVV	216987	335170	31.78%	3.009%
32	14.390	1835	1838	1847	rVB	131519	198330	18.80%	1.780%
33	14.654	1872	1883	1892	rBV	219907	341736	32.40%	3.068%
34	14.813	1906	1910	1916	rVB3	6867	8956	0.85%	0.080%

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 Title : SVOA CALIBRATION

35	14.959	1925	1935	1944	rBV2	349209	584931	55.46%	5.251%
36	15.071	1951	1954	1958	rBV2	1641	3343	0.32%	0.030%
37	15.153	1960	1968	1980	rBV4	50269	119808	11.36%	1.075%
38	15.365	1999	2004	2010	rVB6	8069	11178	1.06%	0.100%
39	15.506	2024	2028	2033	rVB6	3289	5467	0.52%	0.049%
40	15.723	2060	2065	2066	rVV5	2712	3407	0.32%	0.031%
41	15.759	2066	2071	2077	rVB2	10687	16901	1.60%	0.152%
42	15.876	2086	2091	2094	rVB4	3904	4811	0.46%	0.043%
43	15.947	2095	2103	2113	rVV	310424	476085	45.14%	4.274%
44	16.058	2116	2122	2132	rBV	99945	166575	15.79%	1.495%
45	16.170	2134	2141	2144	rBV4	3958	7119	0.67%	0.064%
46	16.287	2153	2161	2163	rVB4	2724	5174	0.49%	0.046%
47	16.317	2163	2166	2169	rBV4	2501	3379	0.32%	0.030%
48	16.387	2173	2178	2184	rVB4	3285	7384	0.70%	0.066%
49	16.622	2212	2218	2226	rBV3	15191	32172	3.05%	0.289%
50	16.816	2247	2251	2253	rVB4	2948	3588	0.34%	0.032%
51	16.904	2261	2266	2268	rVB5	2719	3647	0.35%	0.033%
52	16.986	2272	2280	2284	rBV8	6363	14698	1.39%	0.132%
53	17.098	2292	2299	2302	rBV6	3990	10625	1.01%	0.095%
54	17.233	2321	2322	2325	rVB3	3783	3141	0.30%	0.028%
55	17.298	2328	2333	2335	rBV4	2863	4830	0.46%	0.043%
56	17.415	2349	2353	2360	rBV5	12663	19896	1.89%	0.179%
57	17.480	2360	2364	2371	rVB10	8784	19501	1.85%	0.175%
58	17.703	2393	2402	2412	rBV2	530108	862358	81.77%	7.741%
59	17.803	2412	2419	2427	rVV	388523	619475	58.74%	5.561%
60	17.885	2427	2433	2438	rVB6	7691	17034	1.62%	0.153%
61	17.944	2440	2443	2446	rBV4	5028	7959	0.75%	0.071%
62	18.156	2476	2479	2484	rVB2	5589	6442	0.61%	0.058%
63	18.326	2506	2508	2513	rVB4	4902	5284	0.50%	0.047%
64	18.449	2524	2529	2531	rBV4	3675	5579	0.53%	0.050%
65	18.555	2542	2547	2556	rBV4	72650	142782	13.54%	1.282%
66	18.837	2593	2595	2600	rVB4	6219	6298	0.60%	0.057%
67	19.014	2623	2625	2629	rBV5	4050	4203	0.40%	0.038%
68	19.078	2632	2636	2639	rBV5	4037	5557	0.53%	0.050%
69	19.190	2652	2655	2659	rBV5	4061	7725	0.73%	0.069%
70	19.354	2679	2683	2685	rBV4	3841	5469	0.52%	0.049%
71	19.407	2687	2692	2695	rBV7	5307	9857	0.93%	0.088%

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72	19.460	2699	2701	2708	rVB6	7962	12816	1.22%	0.115%
73	19.713	2734	2744	2746	rBV9	22076	57242	5.43%	0.514%
74	19.818	2757	2762	2772	rBV	88299	163437	15.50%	1.467%
75	19.965	2784	2787	2791	rVB4	20328	22103	2.10%	0.198%
76	20.077	2800	2806	2816	rVB	532035	824712	78.20%	7.403%
77	20.500	2874	2878	2881	rBV6	8421	12001	1.14%	0.108%
78	20.559	2885	2888	2894	rVB7	8645	12193	1.16%	0.109%
79	20.935	2949	2952	2966	rVB7	17961	43959	4.17%	0.395%
80	21.070	2967	2975	2979	rVV2	30791	58451	5.54%	0.525%
81	21.105	2979	2981	2988	rVB8	14273	22836	2.17%	0.205%
82	21.393	3019	3030	3043	rVB10	18098	93218	8.84%	0.837%
83	21.610	3062	3067	3071	rBV8	12422	25357	2.40%	0.228%
84	21.887	3108	3114	3121	rVB9	6775	17403	1.65%	0.156%
85	22.034	3131	3139	3154	rBV	562787	1054673	100.00%	9.467%
86	22.169	3158	3162	3170	rVB	8381	21182	2.01%	0.190%
87	22.844	3272	3277	3281	rBV7	12636	20150	1.91%	0.181%
88	23.179	3323	3334	3336	rBV10	22300	64296	6.10%	0.577%
89	23.585	3399	3403	3429	rVB10	52302	214040	20.29%	1.921%
90	24.454	3546	3551	3562	rVB4	26260	64915	6.15%	0.583%
91	25.294	3683	3694	3708	rVB3	244168	760307	72.09%	6.825%
92	25.535	3720	3735	3750	rVB2	321922	1046828	99.26%	9.397%
93	25.858	3777	3790	3797	rBV2	18409	93152	8.83%	0.836%
94	26.281	3858	3862	3864	rBV5	5463	8299	0.79%	0.074%
95	26.722	3930	3937	3947	rVB4	29295	88364	8.38%	0.793%
96	28.185	4178	4186	4198	rVB5	30448	102491	9.72%	0.920%
97	29.977	4481	4491	4503	rVB5	21033	78647	7.46%	0.706%
98	30.224	4532	4533	4536	rBV3	3698	3118	0.30%	0.028%
99	31.687	4779	4782	4785	rBV5	5667	5226	0.50%	0.047%
100	32.028	4838	4840	4841	rBV2	4224	3247	0.31%	0.029%

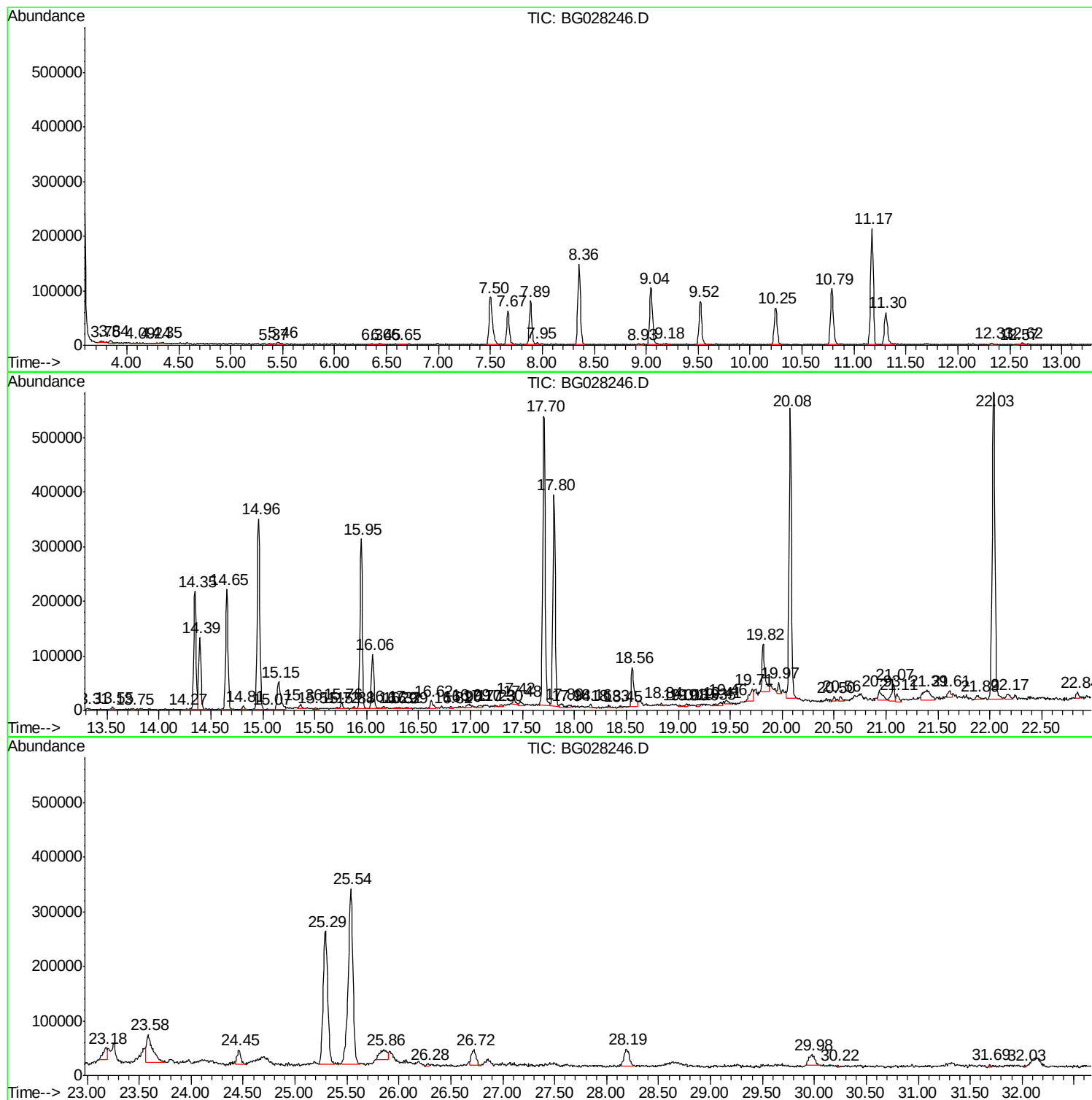
Sum of corrected areas: 11140131

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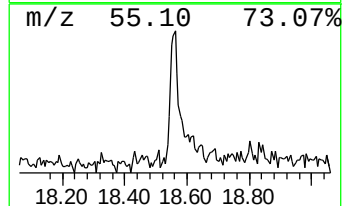
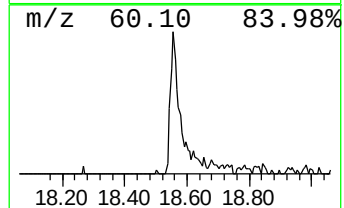
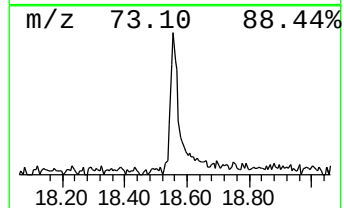
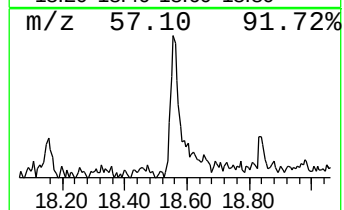
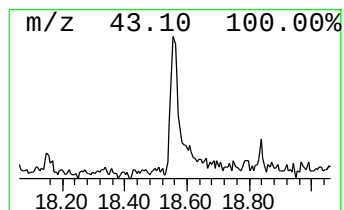
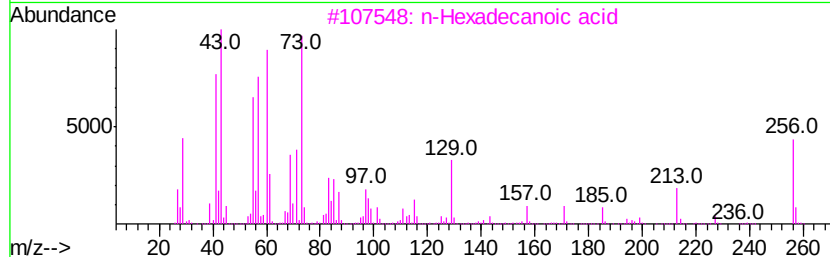
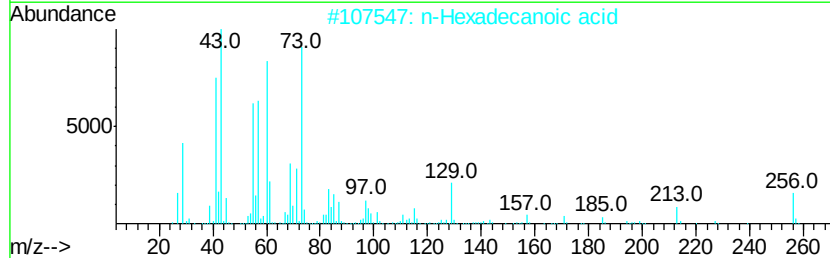
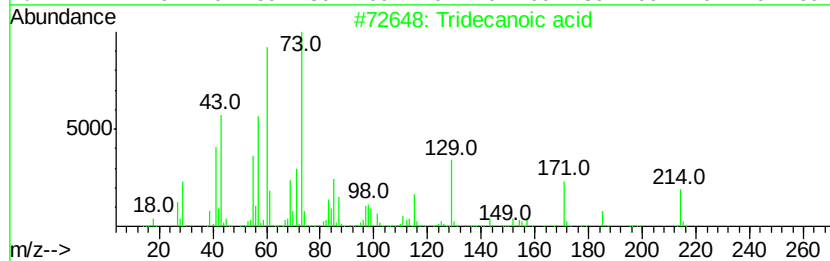
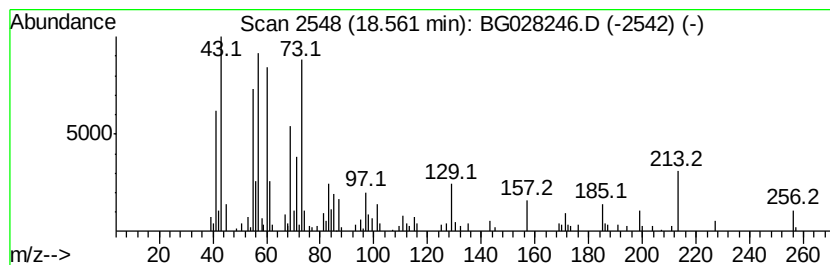
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.31 ng/ul	142782	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	89
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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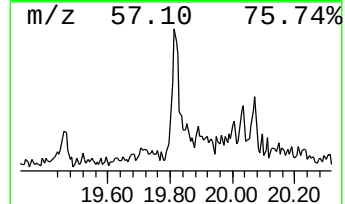
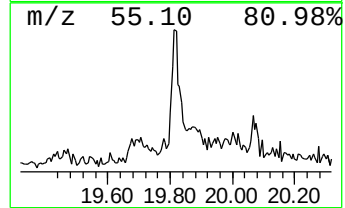
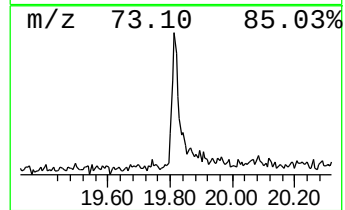
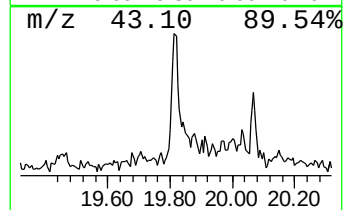
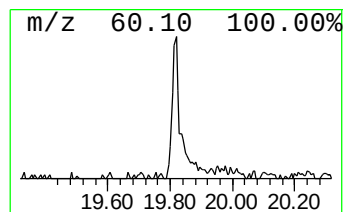
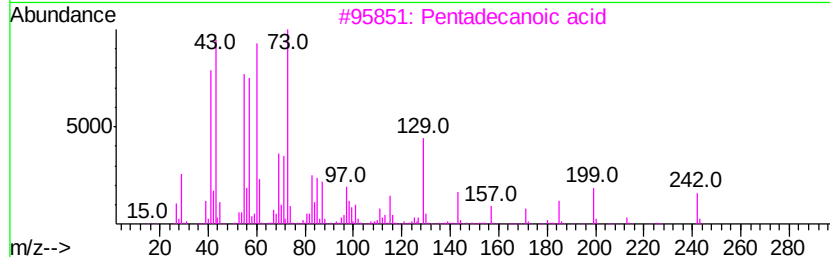
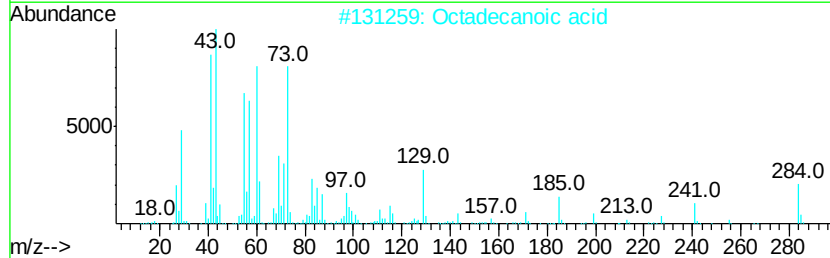
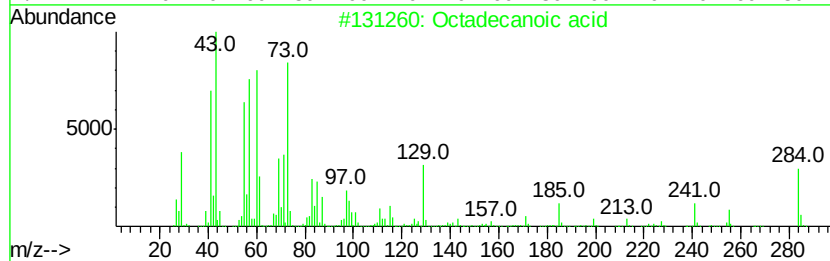
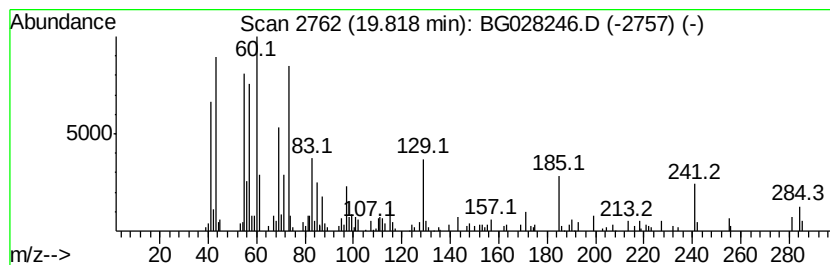
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.82	3.79 ng/ul	163437	Phenanthrene-d10	17.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70



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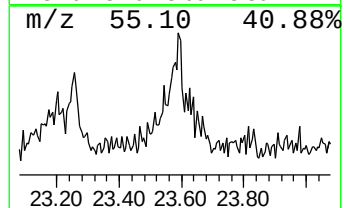
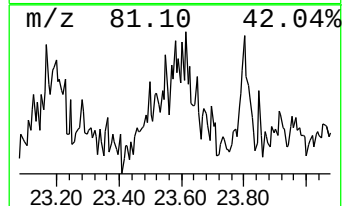
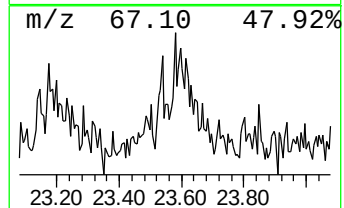
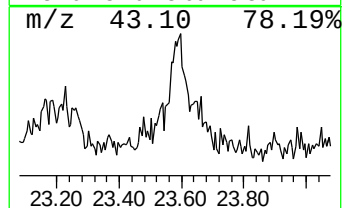
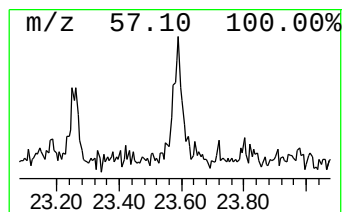
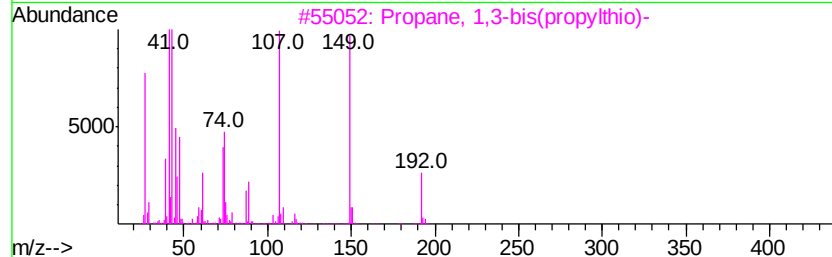
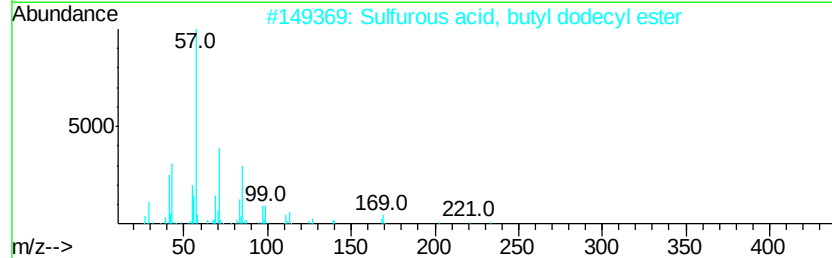
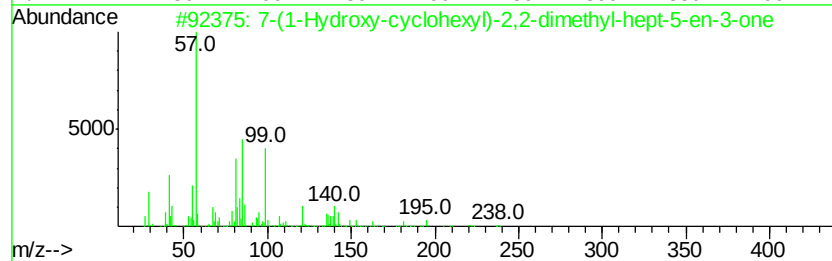
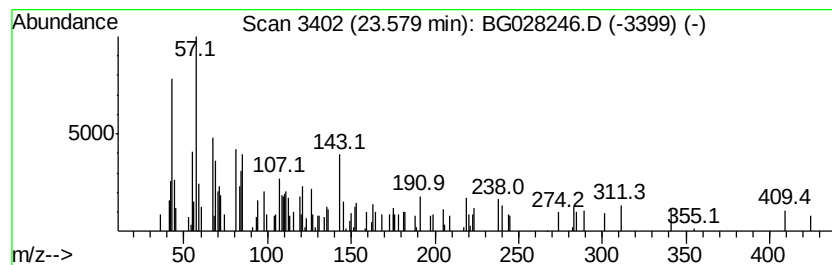
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Peak Number 3 unknown01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	4.06 ng/ul	214040	Chrysene-d12	22.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-(1-Hydroxy-cyclohexyl)-2,2-dim...	238	C15H26O2	083040-91-9	10
2		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	10
3		Propane, 1,3-bis(propylthio)-	192	C9H20S2	004911-44-8	10
4		5-Decanone	156	C10H20O	000820-29-1	10
5		5-(1-Ethoxycarbonyl-1,4-dihydropy...	333	C17H19NO6	142131-85-9	10



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Sample : I4455-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG0

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
Tridecanoic acid	18.56	3.3	ng/ul	142782	4	17.70	862358	20.0
Octadecanoic acid	19.82	3.8	ng/ul	163437	4	17.70	862358	20.0
unknown01	23.58	4.1	ng/ul	214040	5	22.04	1054670	20.0