

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026787.D
 Acq On : 1 May 2017 00:13
 Operator : SJ/MA
 Sample : I2846-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT84

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-BG042717.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	3.423	52	57	67	rBV	43669	67612	1.34%	0.106%
2	3.729	105	109	116	rBV6	4264	9286	0.18%	0.015%
3	4.181	182	186	193	rVV	11158	18804	0.37%	0.030%
4	5.115	340	345	351	rBV7	4635	12110	0.24%	0.019%
5	6.220	530	533	536	rVB4	5883	7994	0.16%	0.013%
6	7.066	668	677	679	rBV4	11032	21583	0.43%	0.034%
7	7.184	689	697	714	rBV	802550	1507252	29.96%	2.373%
8	7.330	714	722	734	rVB	749825	1207577	24.00%	1.901%
9	7.548	752	759	774	rBV	852390	1498168	29.78%	2.358%
10	8.006	829	837	846	rBV	623904	1042871	20.73%	1.642%
11	8.723	949	959	995	rVB	1144838	2120021	42.14%	3.337%
12	9.164	1024	1034	1047	rBV	849834	1490711	29.63%	2.347%
13	9.322	1052	1061	1076	rVB7	22201	70557	1.40%	0.111%
14	9.587	1102	1106	1111	rVB3	12432	20351	0.40%	0.032%
15	9.886	1148	1157	1175	rVB	721189	1302813	25.89%	2.051%
16	10.198	1202	1210	1212	rBV6	4126	9816	0.20%	0.015%
17	10.439	1239	1251	1272	rBV	1090404	2072467	41.19%	3.262%
18	10.809	1306	1314	1323	rBV	1025308	1841168	36.59%	2.898%
19	10.938	1328	1336	1357	rBV	1118194	2193047	43.59%	3.452%
20	12.283	1557	1565	1575	rVB6	4428	11545	0.23%	0.018%
21	12.389	1575	1583	1593	rBV2	20423	43355	0.86%	0.068%
22	12.601	1612	1619	1624	rBV6	5359	8058	0.16%	0.013%
23	13.224	1720	1725	1736	rVB4	12632	27111	0.54%	0.043%
24	13.353	1744	1747	1754	rVB5	4026	8079	0.16%	0.013%
25	13.435	1754	1761	1767	rVB7	5921	13380	0.27%	0.021%
26	13.517	1767	1775	1782	rBV2	22267	43899	0.87%	0.069%
27	14.023	1851	1861	1865	rBV	2032088	3056045	60.74%	4.811%
28	14.070	1865	1869	1876	rVB	675469	988155	19.64%	1.556%
29	14.140	1876	1881	1888	rVB6	7151	16000	0.32%	0.025%
30	14.316	1897	1911	1921	rBV	2486432	4044933	80.40%	6.367%
31	14.510	1937	1944	1953	rVB	39037	56819	1.13%	0.089%
32	14.622	1953	1963	1975	rBV2	1600522	2580572	51.29%	4.062%
33	14.728	1975	1981	1985	rVB5	4937	7994	0.16%	0.013%
34	14.833	1985	1999	2016	rBV	562991	1308655	26.01%	2.060%

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35	15.027	2031	2032	2036	rBV4	7847	9207	0.18%	0.014%
36	15.121	2044	2048	2054	rVB5	15934	28213	0.56%	0.044%
37	15.192	2054	2060	2065	rBV5	11184	16113	0.32%	0.025%
38	15.256	2065	2071	2075	rVB7	6414	9853	0.20%	0.016%
39	15.350	2084	2087	2091	rVB6	6576	8137	0.16%	0.013%
40	15.403	2091	2096	2101	rBV	42008	65545	1.30%	0.103%
41	15.450	2101	2104	2111	rVB	87105	109942	2.19%	0.173%
42	15.515	2111	2115	2118	rBV5	8676	12551	0.25%	0.020%
43	15.609	2120	2131	2143	rVB	3200076	4885247	97.10%	7.690%
44	15.727	2143	2151	2165	rBV	926926	1394422	27.72%	2.195%
45	15.850	2165	2172	2178	rVV4	64403	127371	2.53%	0.201%
46	15.897	2178	2180	2184	rVB4	7507	8561	0.17%	0.013%
47	15.956	2186	2190	2194	rVB7	14110	18129	0.36%	0.029%
48	16.003	2194	2198	2204	rVB3	14366	18759	0.37%	0.030%
49	16.073	2205	2210	2214	rVB4	14826	19643	0.39%	0.031%
50	16.267	2236	2243	2246	rBV7	5975	11603	0.23%	0.018%
51	16.314	2246	2251	2262	rVV	101519	197464	3.92%	0.311%
52	16.385	2262	2263	2267	rVB4	7530	8949	0.18%	0.014%
53	16.484	2275	2280	2285	rVB7	9164	20019	0.40%	0.032%
54	16.561	2287	2293	2299	rBV10	7069	17951	0.36%	0.028%
55	16.655	2305	2309	2316	rBV7	16903	37658	0.75%	0.059%
56	16.714	2316	2319	2322	rVV3	10621	13329	0.26%	0.021%
57	16.755	2322	2326	2333	rVB7	16128	33669	0.67%	0.053%
58	16.813	2333	2336	2343	rBV9	10641	18190	0.36%	0.029%
59	16.884	2344	2348	2351	rBV6	10349	12155	0.24%	0.019%
60	17.101	2380	2385	2389	rBV	74653	100533	2.00%	0.158%
61	17.154	2389	2394	2404	rVB5	32067	67979	1.35%	0.107%
62	17.254	2405	2411	2417	rBV4	31601	43497	0.86%	0.068%
63	17.354	2420	2428	2438	rBV2	1796027	2728026	54.22%	4.294%
64	17.454	2438	2445	2454	rVV	3216514	4813481	95.67%	7.577%
65	17.571	2462	2465	2470	rVB7	7359	11529	0.23%	0.018%
66	17.636	2470	2476	2484	rVB5	9044	22741	0.45%	0.036%
67	17.748	2490	2495	2500	rBV7	8545	15703	0.31%	0.025%
68	17.836	2500	2510	2536	rVV5	63146	302152	6.01%	0.476%
69	18.006	2536	2539	2543	rVB6	15605	21217	0.42%	0.033%
70	18.112	2551	2557	2566	rBV9	17440	47892	0.95%	0.075%
71	18.235	2572	2578	2587	rBV	412369	643326	12.79%	1.013%

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72	18.470	2615	2618	2622	rBV6	5602	9773	0.19%	0.015%
73	18.523	2623	2627	2635	rVB5	27922	37985	0.75%	0.060%
74	18.652	2645	2649	2654	rVB2	68419	78738	1.56%	0.124%
75	19.152	2730	2734	2741	rBV2	24751	38154	0.76%	0.060%
76	19.375	2765	2772	2781	rBV2	59099	134761	2.68%	0.212%
77	19.499	2789	2793	2806	rBV2	173677	326163	6.48%	0.513%
78	19.622	2809	2814	2822	rVB2	34989	63281	1.26%	0.100%
79	19.734	2826	2833	2844	rBV	3541782	5007155	99.52%	7.882%
80	19.839	2848	2851	2856	rBV2	41396	43324	0.86%	0.068%
81	20.127	2896	2900	2902	rBV4	11242	13759	0.27%	0.022%
82	20.251	2918	2921	2924	rVB5	14509	14715	0.29%	0.023%
83	20.386	2939	2944	2948	rBV4	33349	46637	0.93%	0.073%
84	20.615	2980	2983	2989	rBV8	11328	19695	0.39%	0.031%
85	20.744	3000	3005	3010	rVB9	16705	26922	0.54%	0.042%
86	21.238	3086	3089	3093	rVB5	14595	20399	0.41%	0.032%
87	21.414	3108	3119	3120	rBV10	29357	78591	1.56%	0.124%
88	21.596	3144	3150	3162	rVB	1762048	2826400	56.18%	4.449%
89	21.737	3171	3174	3177	rVB5	15980	15544	0.31%	0.024%
90	22.096	3232	3235	3239	rBV6	17849	24820	0.49%	0.039%
91	22.372	3276	3282	3285	rBV6	42334	90032	1.79%	0.142%
92	23.036	3387	3395	3404	rBV4	56042	155008	3.08%	0.244%
93	23.229	3422	3428	3438	rVB	170002	315140	6.26%	0.496%
94	23.823	3523	3529	3537	rVB3	73794	158952	3.16%	0.250%
95	24.540	3640	3651	3670	rBV2	1866315	5031230	100.00%	7.920%
96	24.757	3676	3688	3702	rBV2	1148492	3188477	63.37%	5.019%
97	25.844	3863	3873	3882	rBV3	92662	278232	5.53%	0.438%
98	27.154	4086	4096	4109	rVB6	86037	312534	6.21%	0.492%
99	28.741	4356	4366	4380	rVB6	67245	252528	5.02%	0.398%
100	30.656	4682	4692	4710	rVB6	58889	267684	5.32%	0.421%

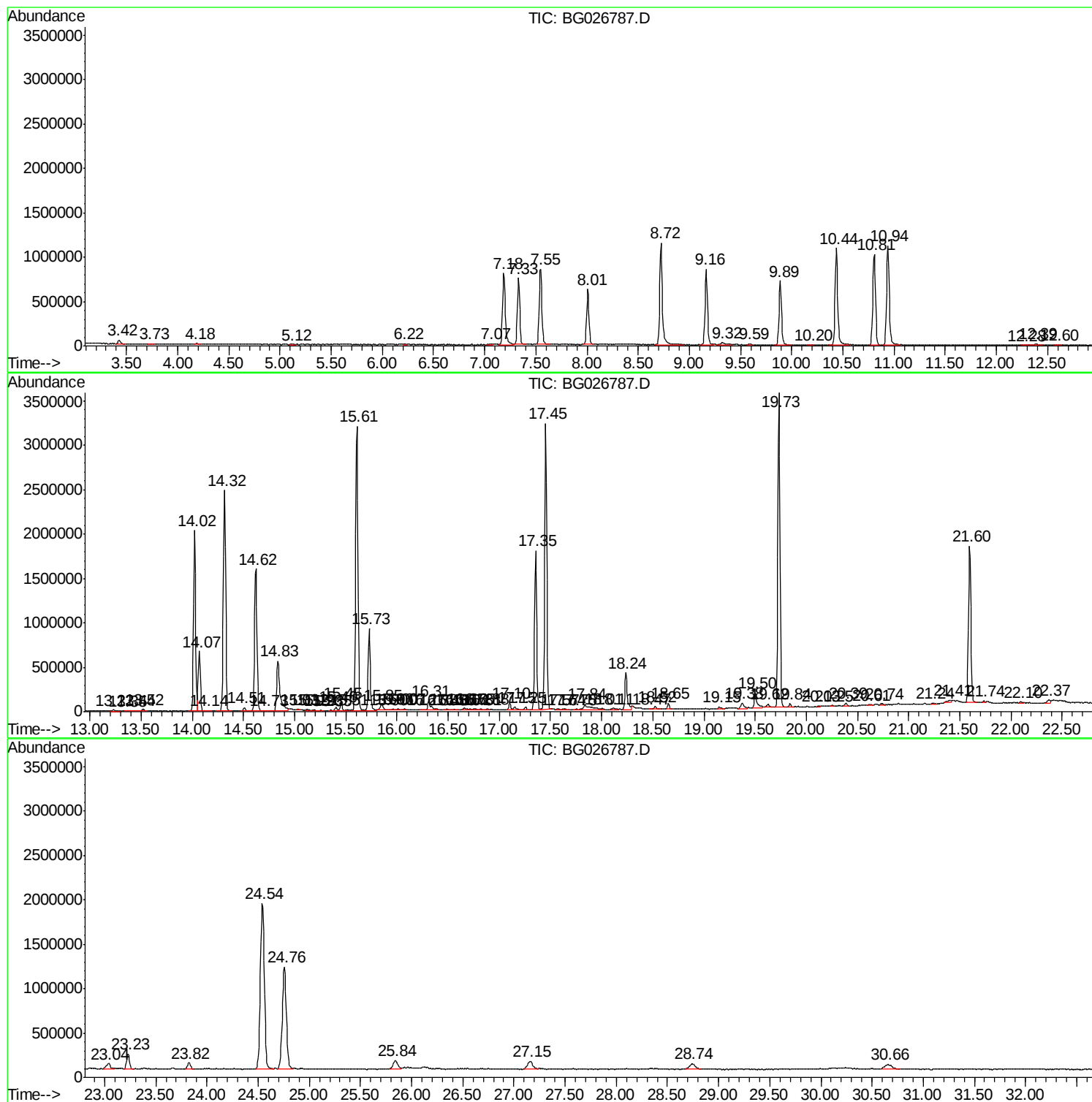
Sum of corrected areas: 63526197

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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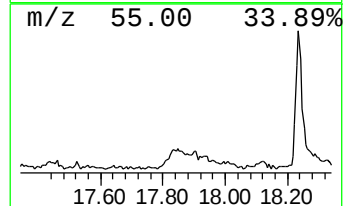
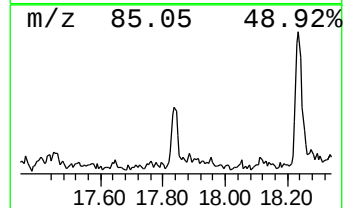
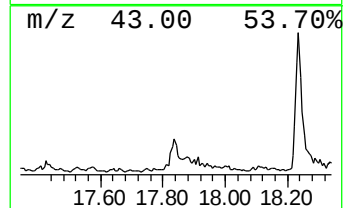
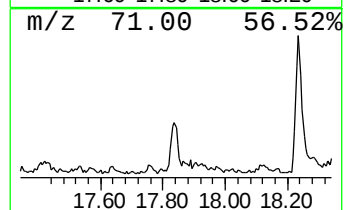
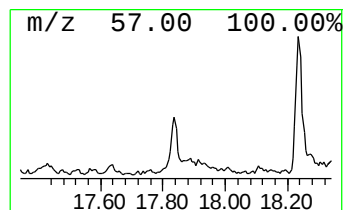
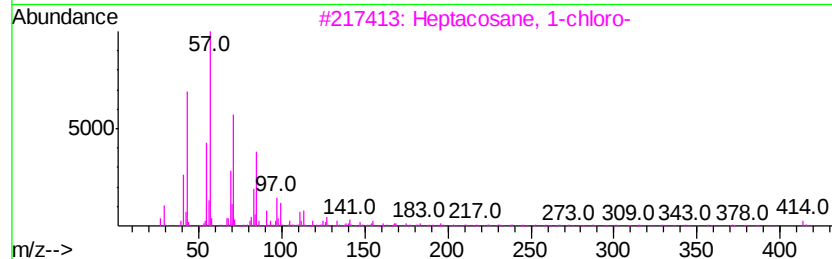
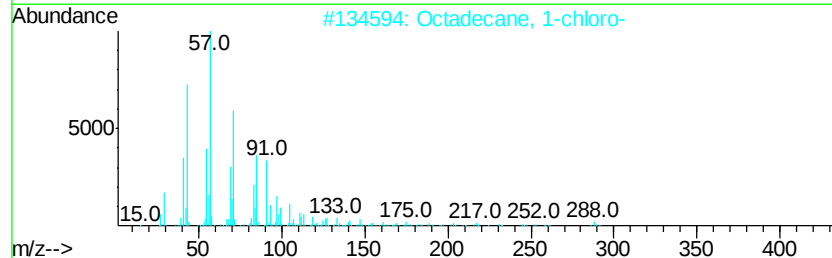
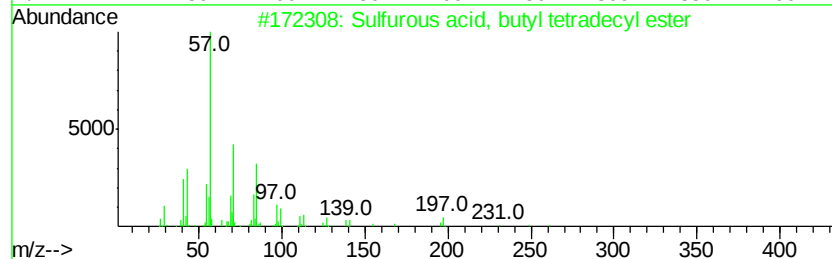
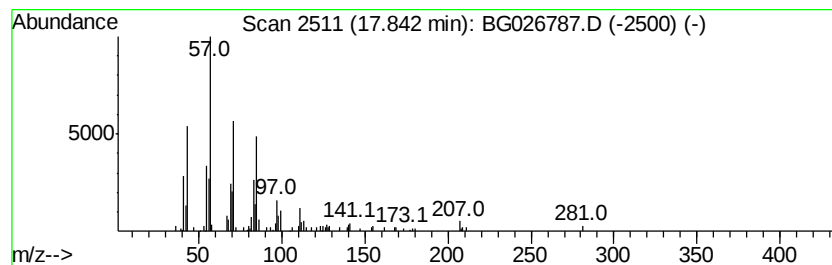
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Sulfurous acid, butyl tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.22 ng/ul	302152	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86
2		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
4		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	72
5		Nonadecane	268	C19H40	000629-92-5	58



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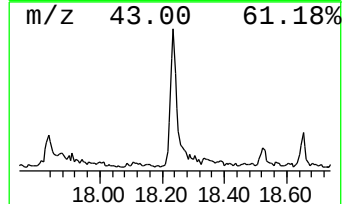
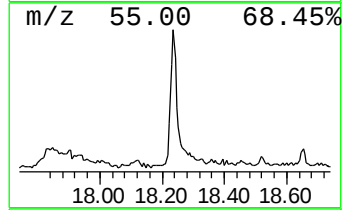
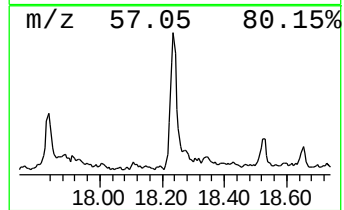
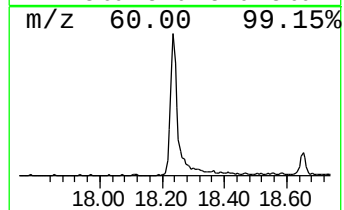
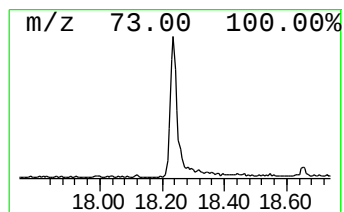
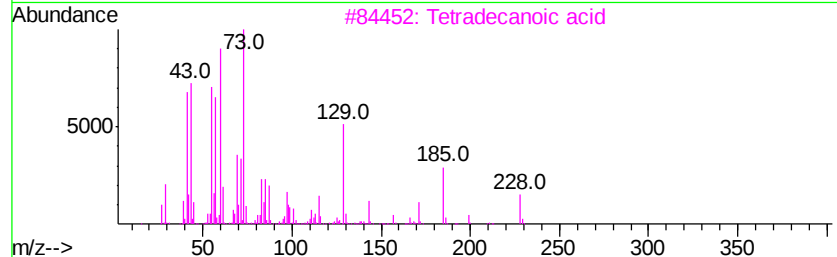
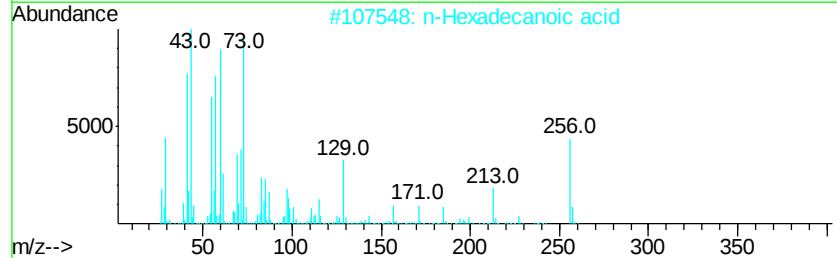
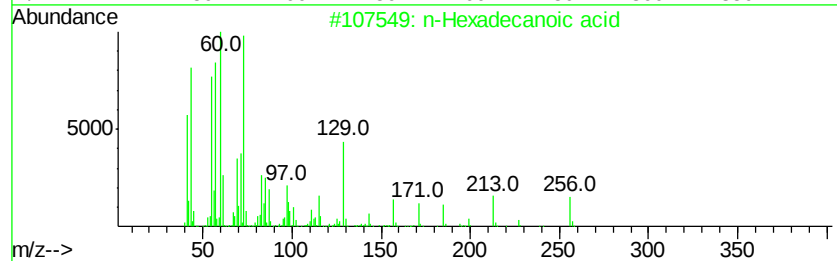
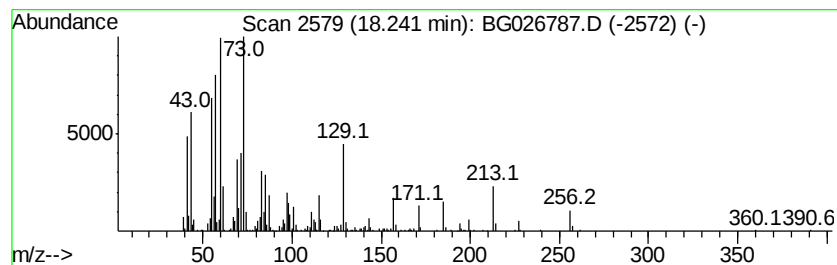
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.24	4.72 ng/ul	643326	Phenanthrene-d10		17.35	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	97
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
5		Tridecanoic acid	214	C13H26O2	000638-53-9	93



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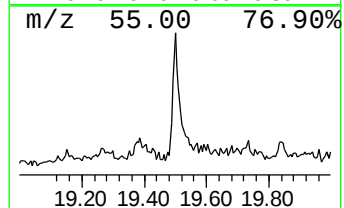
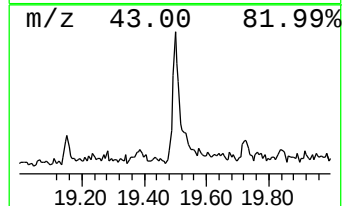
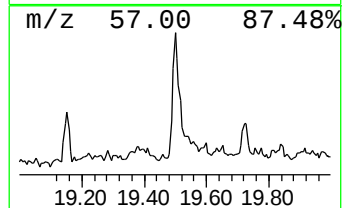
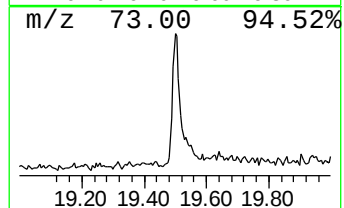
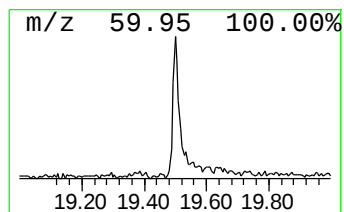
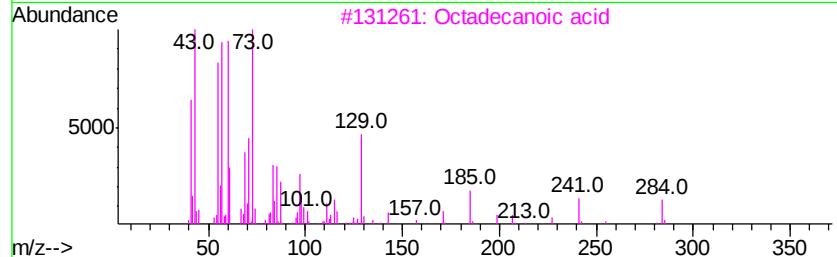
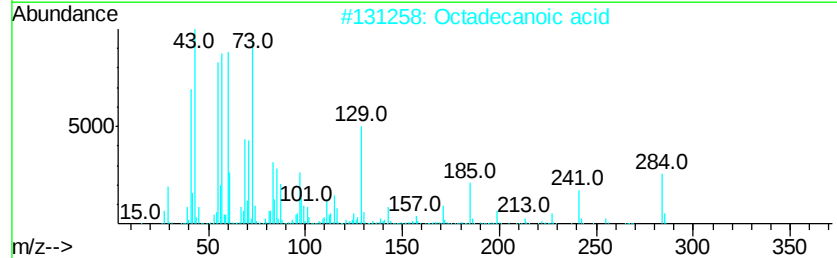
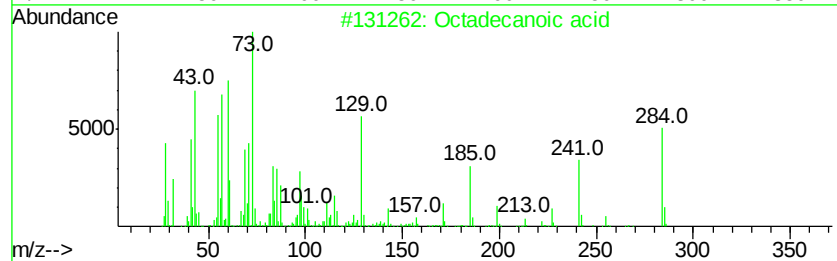
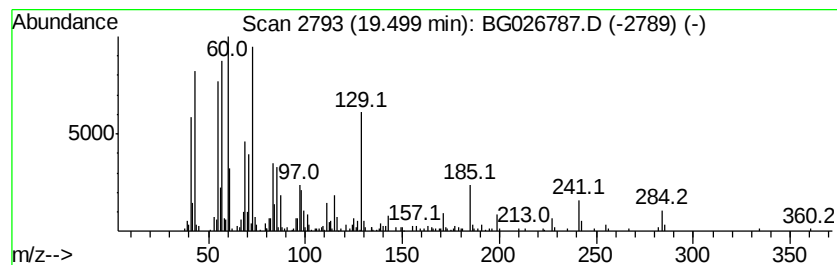
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.31 ng/ul	326163	Chrysene-d12	21.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG043017\
Data File : BG026787.D
Acq On : 1 May 2017 00:13
Operator : SJ/MA
Sample : I2846-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT84

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
Sulfurous acid, b...	17.84	2.2	ng/ul	302152	4	17.35	2728030	20.0
n-Hexadecanoic acid	18.24	4.7	ng/ul	643326	4	17.35	2728030	20.0
Octadecanoic acid	19.50	2.3	ng/ul	326163	5	21.60	2826400	20.0