

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
 Data File : BG024280.D
 Acq On : 12 Oct 2016 00:44
 Operator : UM/SJ
 Sample : H5113-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP55

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\SOM02.2-EPA-BG0100716.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	3.648	134	138	144	rVB4	63089	100256	1.88%	0.147%
2	4.412	265	268	276	rVB7	27270	60845	1.14%	0.089%
3	4.624	301	304	307	rBV5	17727	25925	0.48%	0.038%
4	5.358	424	429	437	rBV9	19314	36841	0.69%	0.054%
5	5.905	515	522	531	rVB8	22326	64708	1.21%	0.095%
6	6.339	592	596	601	rVB6	11972	22316	0.42%	0.033%
7	6.474	615	619	624	rBV7	13222	28370	0.53%	0.042%
8	6.845	676	682	683	rBV6	11748	19156	0.36%	0.028%
9	6.915	688	694	700	rVB6	9643	20357	0.38%	0.030%
10	7.144	727	733	736	rVB6	11542	21739	0.41%	0.032%
11	7.215	740	745	751	rBV9	22002	61504	1.15%	0.090%
12	7.420	767	780	790	rBV	1000473	1916235	35.84%	2.807%
13	7.608	803	812	820	rVV	738496	1288730	24.10%	1.888%
14	7.814	840	847	860	rBV	1014361	1788595	33.45%	2.620%
15	8.202	906	913	920	rBV9	9932	35758	0.67%	0.052%
16	8.290	920	928	939	rVB	784129	1413058	26.43%	2.070%
17	8.807	1012	1016	1020	rVB7	12821	22285	0.42%	0.033%
18	8.977	1031	1045	1055	rVV	1180155	2074402	38.80%	3.039%
19	9.277	1089	1096	1097	rVB5	8392	14307	0.27%	0.021%
20	9.465	1119	1128	1135	rBV	1021746	1872071	35.01%	2.742%
21	9.524	1136	1138	1148	rVB10	30446	41193	0.77%	0.060%
22	9.606	1149	1152	1159	rVB8	11429	22021	0.41%	0.032%
23	9.823	1180	1189	1191	rBV7	15624	23747	0.44%	0.035%
24	10.188	1243	1251	1263	rBV2	899566	1691623	31.64%	2.478%
25	10.299	1265	1270	1273	rBV6	10607	17442	0.33%	0.026%
26	10.346	1275	1278	1285	rVB9	12402	28278	0.53%	0.041%
27	10.722	1333	1342	1353	rBV2	1292211	2306024	43.13%	3.378%
28	11.122	1398	1410	1422	rBV	1005446	1900670	35.55%	2.784%
29	11.245	1422	1431	1444	rBV	868568	1643869	30.75%	2.408%
30	11.375	1449	1453	1456	rBV6	11169	16452	0.31%	0.024%
31	11.850	1531	1534	1538	rBV5	13495	25345	0.47%	0.037%
32	12.403	1626	1628	1633	rVB4	12052	18235	0.34%	0.027%
33	12.544	1649	1652	1659	rBV7	14519	32486	0.61%	0.048%
34	12.679	1669	1675	1682	rBV7	28306	59947	1.12%	0.088%

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35	13.143	1752	1754	1761	rVB6	13457	20129	0.38%	0.029%
36	13.190	1761	1762	1769	rBV4	9769	16366	0.31%	0.024%
37	13.255	1769	1773	1780	rVB9	17747	37303	0.70%	0.055%
38	13.501	1808	1815	1826	rVV9	22145	50437	0.94%	0.074%
39	13.766	1855	1860	1868	rBV5	40045	73658	1.38%	0.108%
40	14.071	1908	1912	1914	rBV5	11054	16608	0.31%	0.024%
41	14.101	1916	1917	1922	rVB5	11782	15291	0.29%	0.022%
42	14.301	1944	1951	1955	rBV	2204994	3369677	63.02%	4.936%
43	14.348	1955	1959	1969	rVV	1617377	2333303	43.64%	3.418%
44	14.418	1969	1971	1980	rVB9	8969	19498	0.36%	0.029%
45	14.606	1994	2003	2010	rBV	2240397	3703272	69.26%	5.424%
46	14.765	2023	2030	2036	rBV3	42712	67737	1.27%	0.099%
47	14.847	2037	2044	2045	rVB6	8607	14562	0.27%	0.021%
48	14.906	2045	2054	2062	rBV	1585410	2565874	47.99%	3.758%
49	15.064	2073	2081	2093	rBV	1088886	1774165	33.18%	2.599%
50	15.200	2099	2104	2106	rBV5	15693	22820	0.43%	0.033%
51	15.270	2111	2116	2121	rBV3	108887	161435	3.02%	0.236%
52	15.317	2121	2124	2128	rVB6	17788	23242	0.43%	0.034%
53	15.376	2130	2134	2140	rBV5	27310	40721	0.76%	0.060%
54	15.458	2142	2148	2151	rVB7	16603	30049	0.56%	0.044%
55	15.617	2168	2175	2179	rBV10	21414	47937	0.90%	0.070%
56	15.664	2179	2183	2186	rVV6	22104	28771	0.54%	0.042%
57	15.711	2186	2191	2195	rVB2	113586	154440	2.89%	0.226%
58	15.764	2197	2200	2204	rVB6	13035	17334	0.32%	0.025%
59	15.893	2215	2222	2229	rBV	2944827	4686547	87.65%	6.865%
60	15.993	2232	2239	2247	rVB	1101229	1676823	31.36%	2.456%
61	16.122	2252	2261	2273	rVV10	51248	161689	3.02%	0.237%
62	16.210	2273	2276	2280	rVB6	22149	30922	0.58%	0.045%
63	16.263	2280	2285	2290	rVB10	26764	48125	0.90%	0.070%
64	16.333	2293	2297	2301	rVB5	20491	27243	0.51%	0.040%
65	16.568	2332	2337	2348	rBV	153956	286303	5.35%	0.419%
66	16.674	2352	2355	2359	rBV6	10623	16602	0.31%	0.024%
67	16.833	2379	2382	2388	rVB8	18489	24709	0.46%	0.036%
68	16.903	2390	2394	2398	rBV5	21524	36690	0.69%	0.054%
69	16.997	2407	2410	2419	rVB7	73804	116550	2.18%	0.171%
70	17.068	2420	2422	2427	rBV6	16148	18441	0.34%	0.027%
71	17.138	2431	2434	2437	rBV5	16602	23608	0.44%	0.035%

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72	17.244	2447	2452	2454	rVB6	11131	16207	0.30%	0.024%
73	17.315	2460	2464	2466	rBV5	13001	22520	0.42%	0.033%
74	17.362	2466	2472	2476	rVV3	81564	115646	2.16%	0.169%
75	17.415	2478	2481	2489	rVB9	32647	43408	0.81%	0.064%
76	17.485	2491	2493	2501	rVB9	22796	41857	0.78%	0.061%
77	17.644	2512	2520	2529	rBV	1702046	2755121	51.53%	4.036%
78	17.744	2530	2537	2549	rVB2	3041427	4734735	88.56%	6.935%
79	17.902	2562	2564	2568	rVB5	13180	18893	0.35%	0.028%
80	17.990	2573	2579	2588	rVB5	29925	85874	1.61%	0.126%
81	18.102	2594	2598	2601	rBV5	25877	36317	0.68%	0.053%
82	18.378	2640	2645	2649	rBV7	27171	52020	0.97%	0.076%
83	18.437	2652	2655	2658	rVB5	27845	29862	0.56%	0.044%
84	18.490	2658	2664	2674	rBV	628736	898679	16.81%	1.316%
85	18.784	2711	2714	2723	rVB10	25833	56565	1.06%	0.083%
86	18.913	2732	2736	2742	rVB9	26538	43171	0.81%	0.063%
87	19.148	2773	2776	2784	rBV10	13817	36572	0.68%	0.054%
88	19.277	2796	2798	2803	rBV5	14671	22910	0.43%	0.034%
89	19.406	2818	2820	2826	rVB6	19150	27699	0.52%	0.041%
90	19.635	2852	2859	2872	rVB5	82203	225156	4.21%	0.330%
91	19.747	2874	2878	2886	rBV2	417137	570805	10.68%	0.836%
92	19.900	2899	2904	2911	rBV4	41633	84013	1.57%	0.123%
93	20.012	2916	2923	2933	rVB2	3527174	5346656	100.00%	7.832%
94	20.294	2969	2971	2974	rBV4	33822	37565	0.70%	0.055%
95	20.335	2976	2978	2982	rVB4	56422	51936	0.97%	0.076%
96	21.298	3140	3142	3147	rBV5	51060	62636	1.17%	0.092%
97	21.527	3176	3181	3189	rBV3	386713	609450	11.40%	0.893%
98	21.945	3245	3252	3263	rVB	1846903	3208202	60.00%	4.699%
99	25.153	3787	3798	3815	rVB2	1788696	5217114	97.58%	7.642%
100	25.393	3828	3839	3851	rVB2	1086199	3344159	62.55%	4.898%

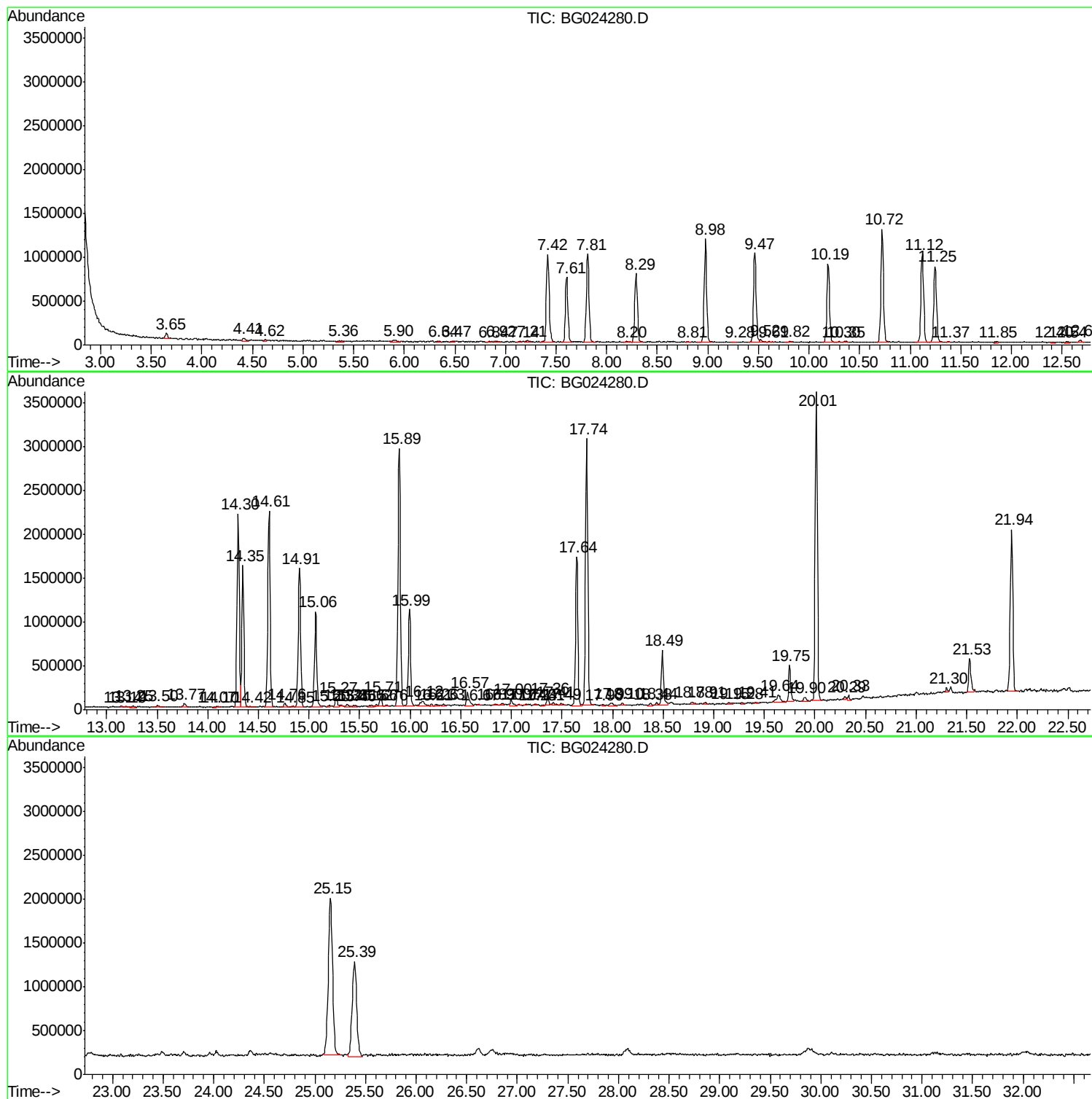
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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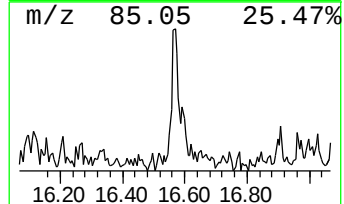
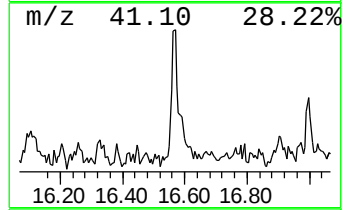
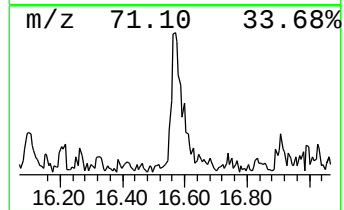
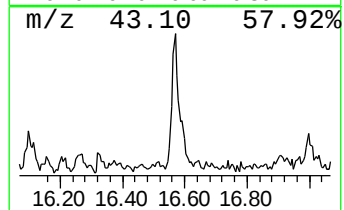
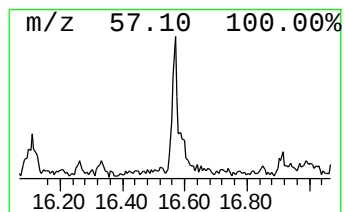
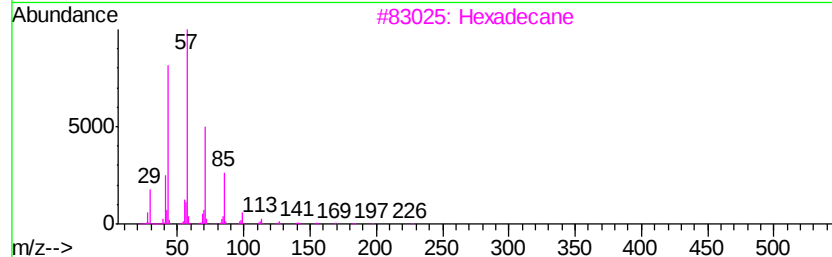
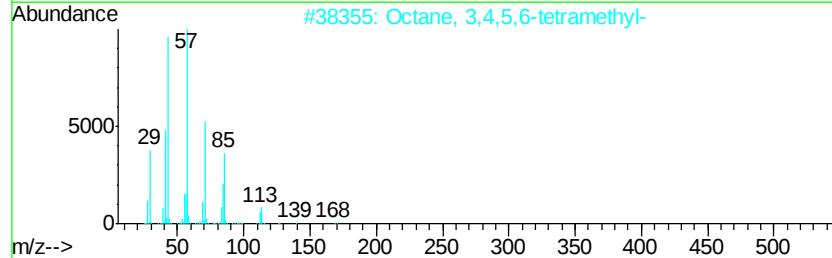
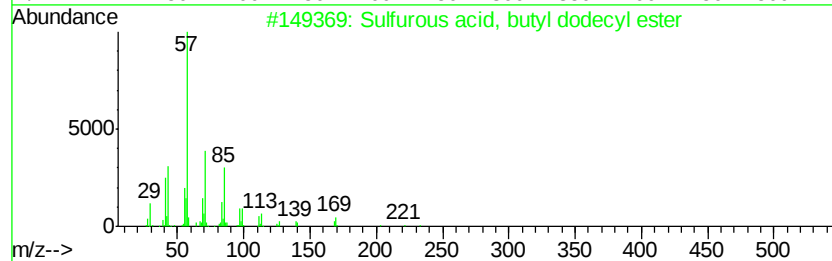
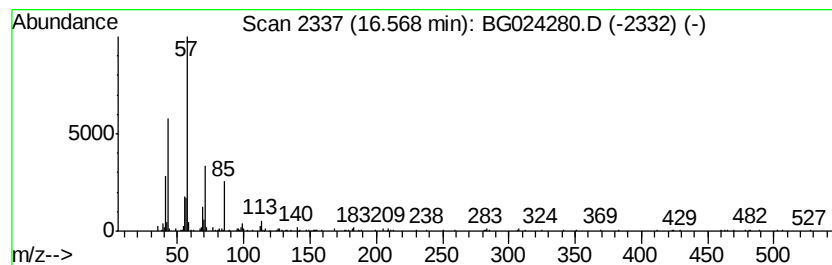
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Sulfurous acid, butyl dodec... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	2.08 ng/ul	286303	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	50
2		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
3		Hexadecane	226	C16H34	000544-76-3	50
4		Octacosane	394	C28H58	000630-02-4	50
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	50



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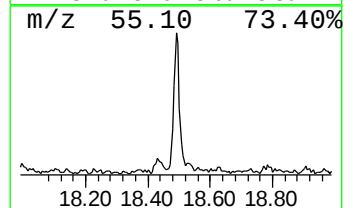
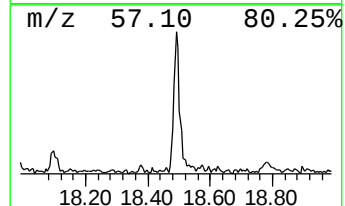
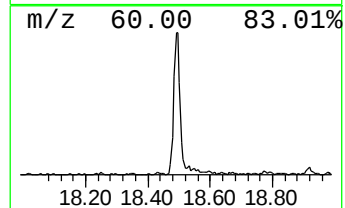
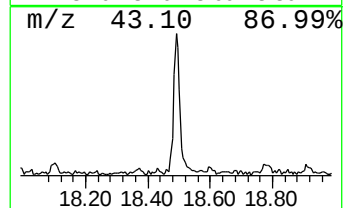
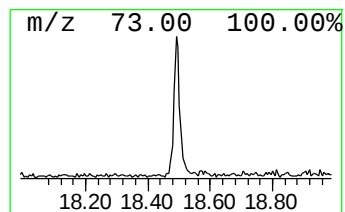
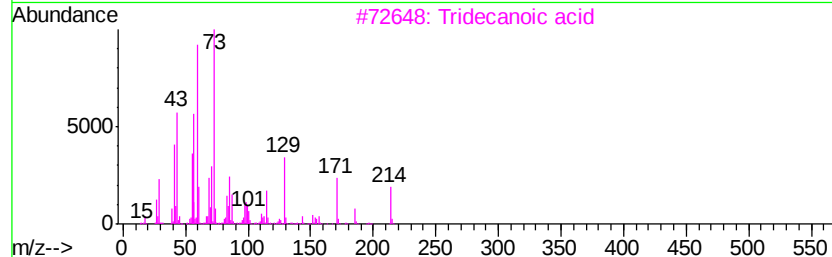
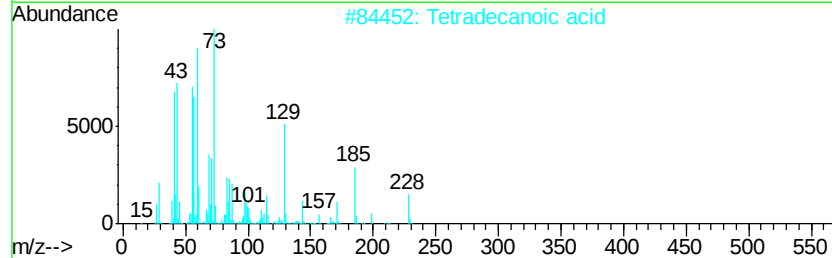
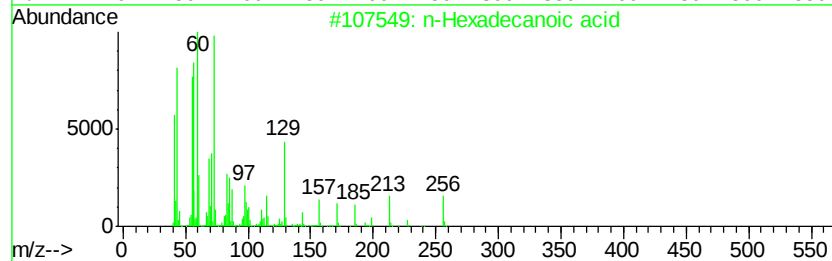
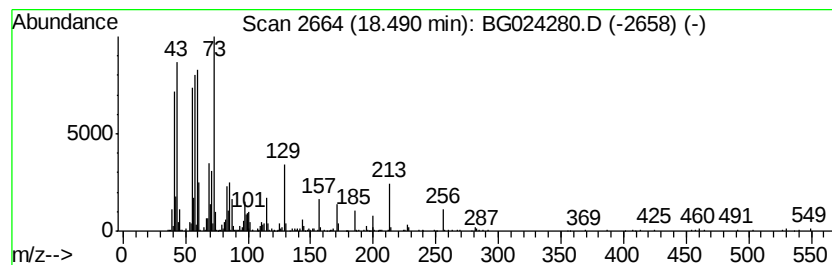
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	6.52 ng/ul	898679	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	



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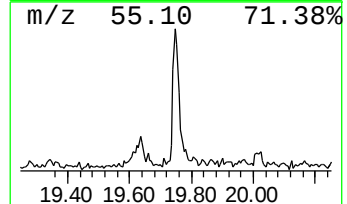
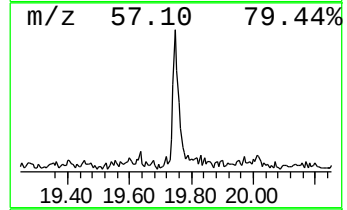
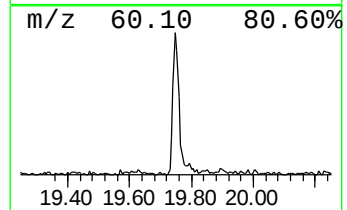
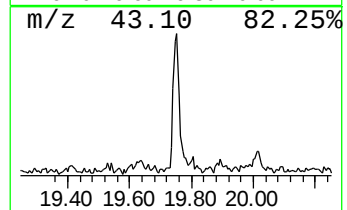
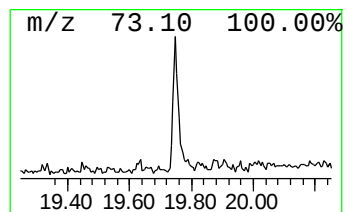
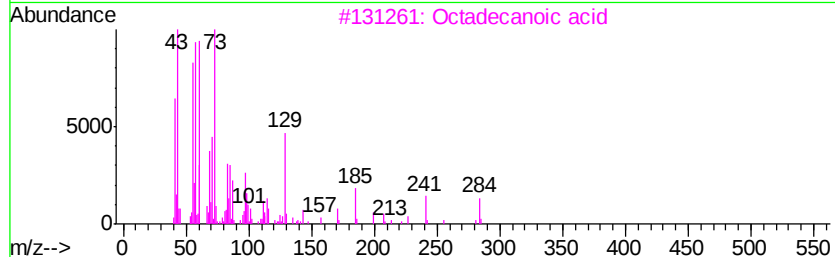
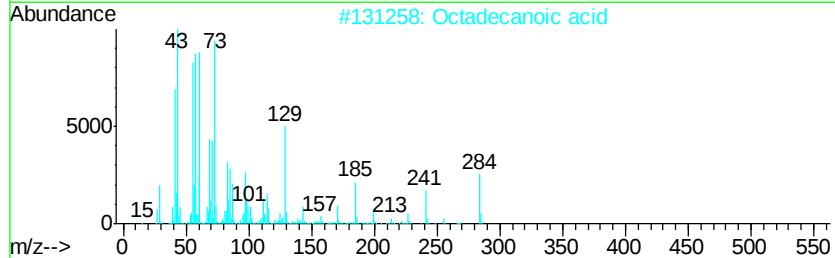
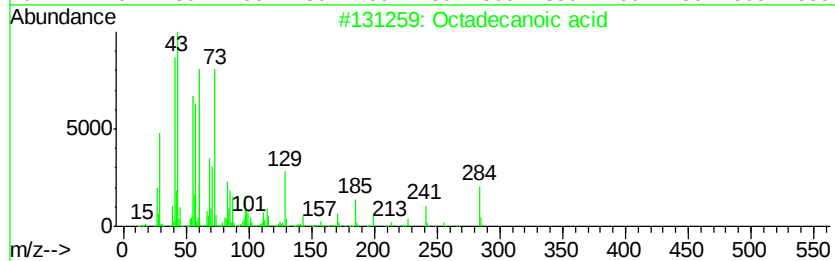
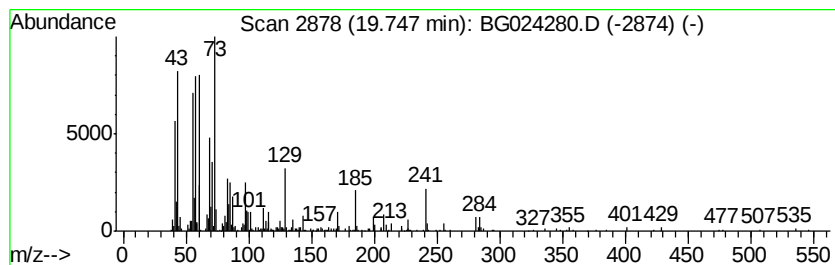
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	4.14 ng/ul	570805	Phenanthrene-d10	17.64

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	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	92
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	89



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024280.D
Acq On : 12 Oct 2016 00:44
Operator : UM/SJ
Sample : H5113-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP55

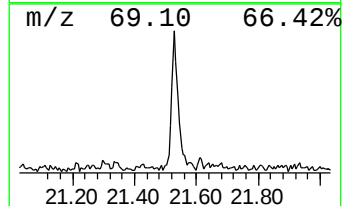
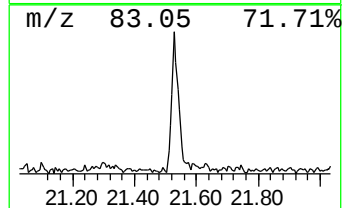
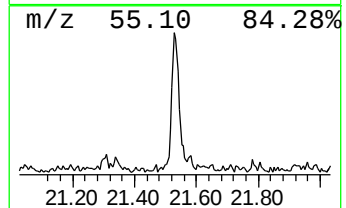
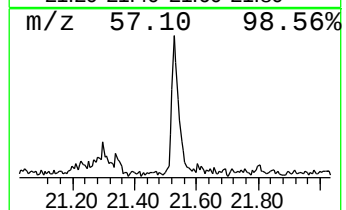
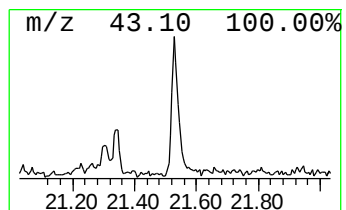
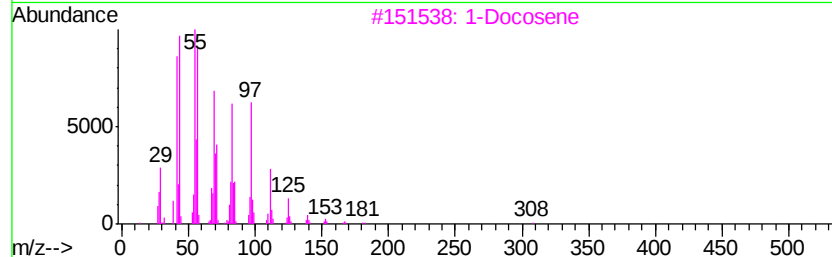
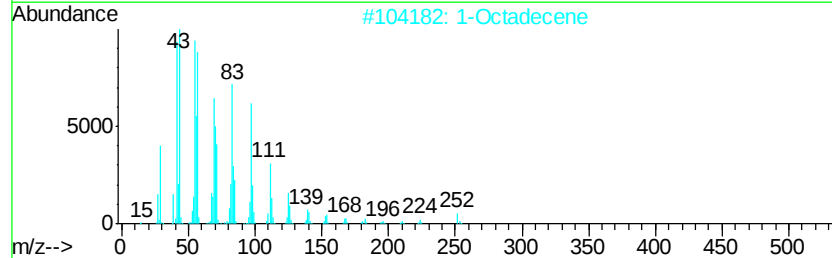
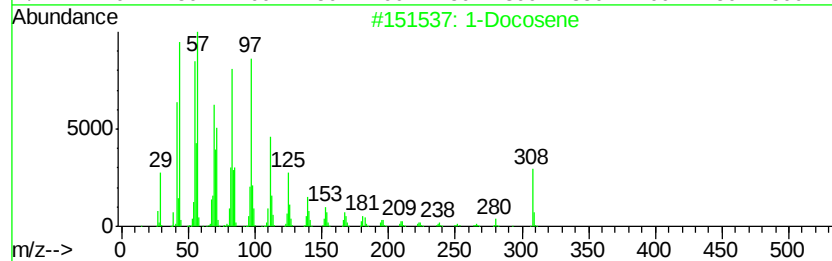
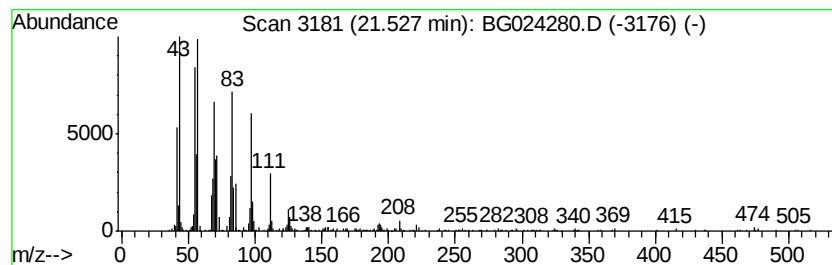
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.53 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	3.80 ng/ul	609450	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	94
2		1-Octadecene	252	C18H36	000112-88-9	93
3		1-Docosene	308	C22H44	001599-67-3	93
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101116\
Data File : BG024280.D
Acq On : 12 Oct 2016 00:44
Operator : UM/SJ
Sample : H5113-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP55

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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...	16.57	2.1	ng/ul	286303	4	17.64	2755120	20.0
n-Hexadecanoic acid	18.49	6.5	ng/ul	898679	4	17.64	2755120	20.0
Octadecanoic acid	19.75	4.1	ng/ul	570805	4	17.64	2755120	20.0
(DEL) Alkane: Cyc...	21.53	3.8	ng/ul	609450	5	21.94	3208200	20.0