

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
 Data File : BG025736.D
 Acq On : 1 Feb 2017 3:42
 Operator : SJ/MA
 Sample : I1460-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNT5

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-BG011817.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	3.322	79	82	84	rVB3	6928	6808	0.20%	0.020%
2	3.504	107	113	124	rVB6	22409	43362	1.28%	0.125%
3	3.810	162	165	166	rBV3	10809	11617	0.34%	0.033%
4	4.873	343	346	349	rVB3	7000	7780	0.23%	0.022%
5	5.114	382	387	389	rBV2	4247	7011	0.21%	0.020%
6	5.772	495	499	502	rBV6	4607	7572	0.22%	0.022%
7	6.242	576	579	581	rBV3	5876	7343	0.22%	0.021%
8	6.366	595	600	603	rVB5	6866	11237	0.33%	0.032%
9	7.176	732	738	742	rVB4	6741	13199	0.39%	0.038%
10	7.329	757	764	782	rBV3	345732	842827	24.79%	2.427%
11	7.482	784	790	811	rVB	297297	551166	16.21%	1.587%
12	7.699	820	827	840	rBV	360757	692765	20.37%	1.995%
13	7.981	872	875	878	rVB3	6197	8479	0.25%	0.024%
14	8.017	878	881	885	rBV3	6567	10351	0.30%	0.030%
15	8.116	891	898	900	rBV7	4309	6786	0.20%	0.020%
16	8.169	900	907	916	rBV	300914	580370	17.07%	1.671%
17	8.363	935	940	942	rVB4	5959	7547	0.22%	0.022%
18	8.581	972	977	980	rBV5	4319	6528	0.19%	0.019%
19	8.704	996	998	1005	rVB7	5117	10256	0.30%	0.030%
20	8.886	1019	1029	1048	rBV2	404027	862810	25.37%	2.485%
21	9.350	1101	1108	1122	rBV2	394604	780988	22.97%	2.249%
22	9.497	1128	1133	1137	rBV6	7679	13490	0.40%	0.039%
23	9.556	1141	1143	1145	rBV2	7574	6610	0.19%	0.019%
24	9.656	1155	1160	1167	rVB6	11070	22849	0.67%	0.066%
25	9.897	1198	1201	1205	rBV4	3809	6752	0.20%	0.019%
26	10.079	1225	1232	1245	rBV2	355234	703682	20.69%	2.027%
27	10.408	1282	1288	1291	rBV5	4023	7821	0.23%	0.023%
28	10.631	1317	1326	1352	rBV2	395457	945907	27.82%	2.724%
29	10.995	1379	1388	1403	rVB	439758	871460	25.63%	2.510%
30	11.142	1405	1413	1439	rBV	374180	898071	26.41%	2.586%
31	11.395	1455	1456	1461	rBV3	6004	8995	0.26%	0.026%
32	11.471	1465	1469	1470	rBV4	5455	6836	0.20%	0.020%
33	11.565	1481	1485	1487	rBV4	6175	6490	0.19%	0.019%
34	11.712	1507	1510	1512	rBV2	6248	6663	0.20%	0.019%

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35	12.053	1563	1568	1569	rVB5	6051	7314	0.22%	0.021%
36	12.071	1569	1571	1576	rBV4	6455	8498	0.25%	0.024%
37	12.417	1625	1630	1632	rVB2	5080	7605	0.22%	0.022%
38	12.594	1655	1660	1662	rBV3	8109	10046	0.30%	0.029%
39	13.017	1728	1732	1733	rVB3	8490	7490	0.22%	0.022%
40	13.040	1733	1736	1738	rBV3	6826	8134	0.24%	0.023%
41	13.134	1746	1752	1765	rBV7	9659	33628	0.99%	0.097%
42	13.393	1790	1796	1800	rBV5	7261	12661	0.37%	0.036%
43	13.645	1837	1839	1848	rVB8	10517	24228	0.71%	0.070%
44	13.733	1852	1854	1859	rBV4	5147	7669	0.23%	0.022%
45	14.192	1924	1932	1937	rBV	984121	1508727	44.37%	4.345%
46	14.239	1937	1940	1951	rVB	347875	520268	15.30%	1.498%
47	14.438	1968	1974	1975	rBV4	5553	7517	0.22%	0.022%
48	14.497	1976	1984	1994	rBV	1025889	1665100	48.97%	4.795%
49	14.644	2000	2009	2014	rVB6	13897	25660	0.75%	0.074%
50	14.797	2028	2035	2047	rBV	780548	1263405	37.15%	3.639%
51	14.955	2058	2062	2064	rBV3	6985	9284	0.27%	0.027%
52	15.044	2068	2077	2096	rBV2	227538	706978	20.79%	2.036%
53	15.179	2096	2100	2109	rVV6	74815	147288	4.33%	0.424%
54	15.473	2146	2150	2155	rVB5	8295	14784	0.43%	0.043%
55	15.543	2155	2162	2165	rBV3	32809	54238	1.59%	0.156%
56	15.584	2165	2169	2173	rVB3	40462	54275	1.60%	0.156%
57	15.631	2174	2177	2180	rVB4	7137	8437	0.25%	0.024%
58	15.790	2196	2204	2212	rBV	1371344	2161670	63.57%	6.226%
59	15.937	2222	2229	2241	rBV2	424075	842744	24.78%	2.427%
60	16.031	2242	2245	2251	rVB6	30174	46435	1.37%	0.134%
61	16.131	2260	2262	2265	rVB4	6927	7840	0.23%	0.023%
62	16.201	2273	2274	2280	rVB6	7008	6918	0.20%	0.020%
63	16.448	2310	2316	2325	rVV2	47108	103706	3.05%	0.299%
64	16.642	2347	2349	2351	rBV3	6415	6961	0.20%	0.020%
65	16.783	2369	2373	2374	rBV4	5809	7349	0.22%	0.021%
66	16.918	2389	2396	2400	rBV8	17435	40737	1.20%	0.117%
67	17.012	2410	2412	2416	rBV3	8461	9962	0.29%	0.029%
68	17.071	2419	2422	2424	rBV4	10436	8956	0.26%	0.026%
69	17.112	2424	2429	2431	rBV6	9713	12304	0.36%	0.035%
70	17.129	2431	2432	2437	rBV5	10688	11328	0.33%	0.033%
71	17.235	2445	2450	2454	rBV2	58194	78562	2.31%	0.226%

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72	17.282	2454	2458	2464	rVV5	24728	38939	1.15%	0.112%
73	17.547	2495	2503	2512	rBV2	1053543	1639610	48.22%	4.722%
74	17.646	2512	2520	2532	rVV	1519919	2430719	71.48%	7.000%
75	17.776	2539	2542	2544	rBV4	11770	14555	0.43%	0.042%
76	17.887	2557	2561	2567	rBV7	17652	35340	1.04%	0.102%
77	17.970	2570	2575	2581	rVB2	76947	104237	3.07%	0.300%
78	18.075	2592	2593	2599	rBV6	7706	10564	0.31%	0.030%
79	18.387	2640	2646	2658	rBV4	80837	192924	5.67%	0.556%
80	18.657	2688	2692	2697	rBV2	47938	66884	1.97%	0.193%
81	19.245	2789	2792	2794	rBV4	9886	10877	0.32%	0.031%
82	19.280	2796	2798	2803	rVB5	21428	24200	0.71%	0.070%
83	19.562	2843	2846	2854	rVB3	28673	39475	1.16%	0.114%
84	19.650	2858	2861	2865	rBV5	19593	28091	0.83%	0.081%
85	19.814	2885	2889	2894	rVB4	20604	26851	0.79%	0.077%
86	19.920	2900	2907	2921	rBV	2151753	3230181	94.99%	9.303%
87	20.179	2947	2951	2954	rBV	70558	81738	2.40%	0.235%
88	20.220	2954	2958	2965	rVB	133764	158849	4.67%	0.457%
89	21.172	3115	3120	3123	rBV3	102724	130252	3.83%	0.375%
90	21.213	3123	3127	3132	rVB	165800	211259	6.21%	0.608%
91	21.401	3155	3159	3169	rBV7	97295	271852	7.99%	0.783%
92	21.836	3226	3233	3246	rBV	1238411	2269451	66.74%	6.536%
93	22.288	3308	3310	3313	rBV4	26210	29280	0.86%	0.084%
94	22.329	3314	3317	3328	rVB3	83058	159188	4.68%	0.458%
95	23.722	3550	3554	3560	rVV9	32505	61466	1.81%	0.177%
96	23.786	3560	3565	3573	rVB5	64031	142812	4.20%	0.411%
97	24.979	3757	3768	3778	rBV2	1199241	3400504	100.00%	9.793%
98	25.208	3796	3807	3824	rVB2	742073	2250231	66.17%	6.481%
99	26.236	3974	3982	3994	rVB2	50337	191897	5.64%	0.553%
100	27.165	4136	4140	4142	rBV4	17989	29216	0.86%	0.084%

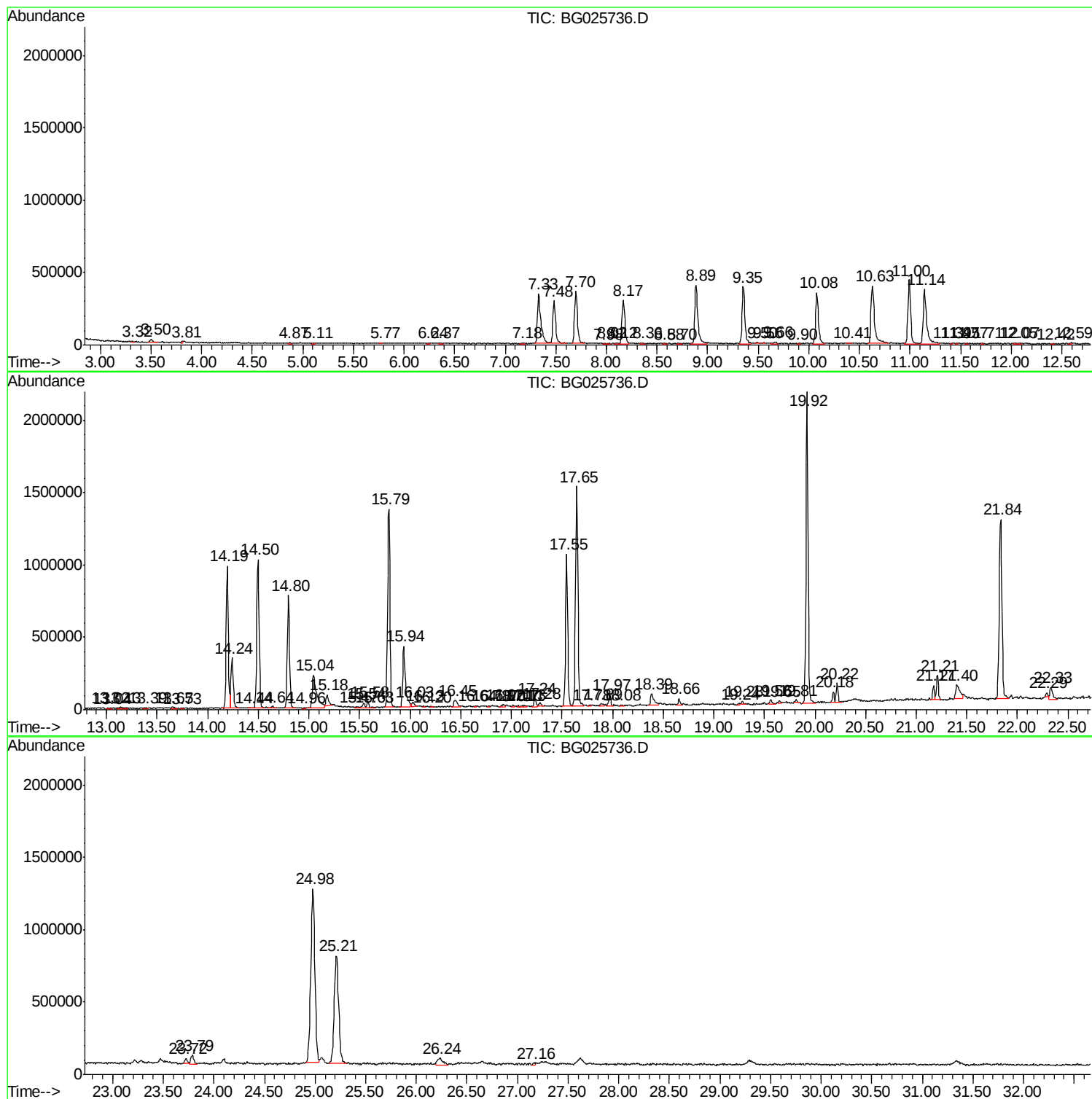
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



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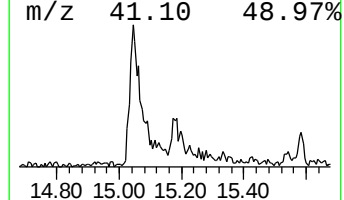
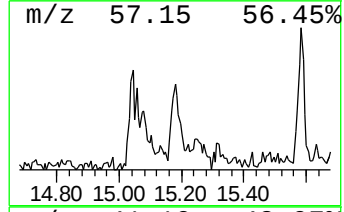
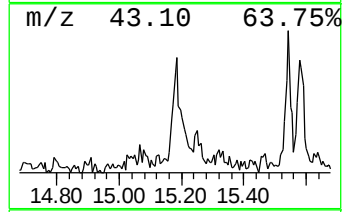
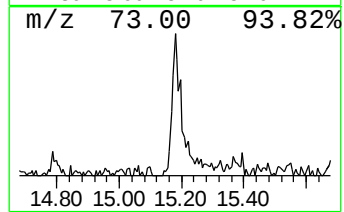
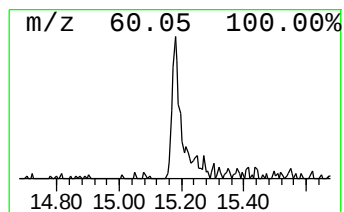
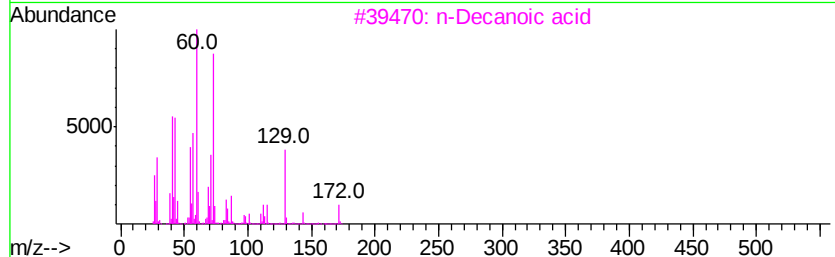
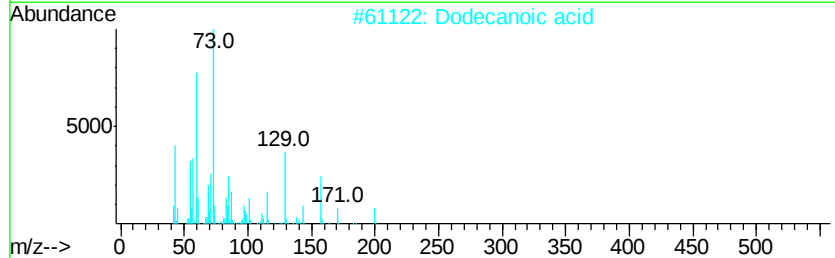
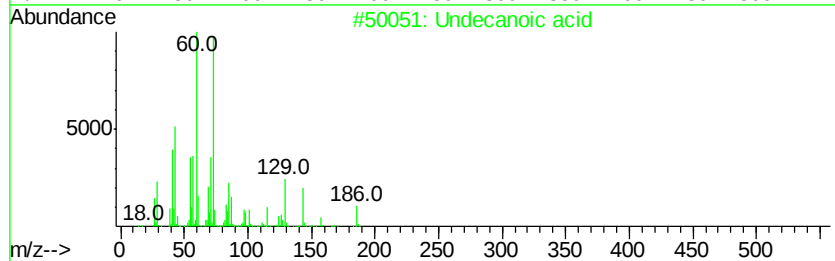
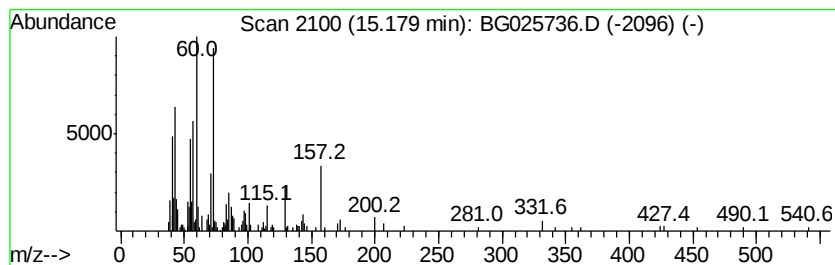
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Undecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	2.33 ng/ul	147288	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecanoic acid	186	C11H22O2	000112-37-8	80
2		Dodecanoic acid	200	C12H24O2	000143-07-7	55
3		n-Decanoic acid	172	C10H20O2	000334-48-5	53
4		n-Decanoic acid	172	C10H20O2	000334-48-5	53
5		Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	53



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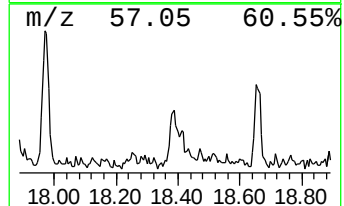
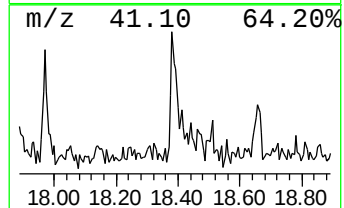
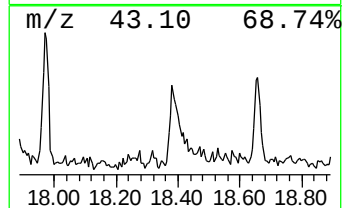
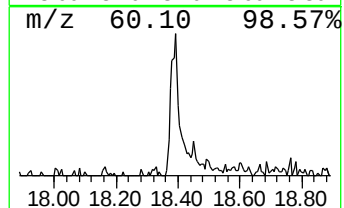
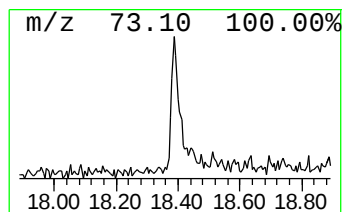
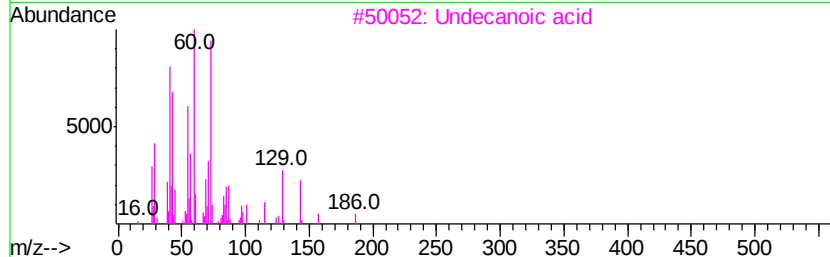
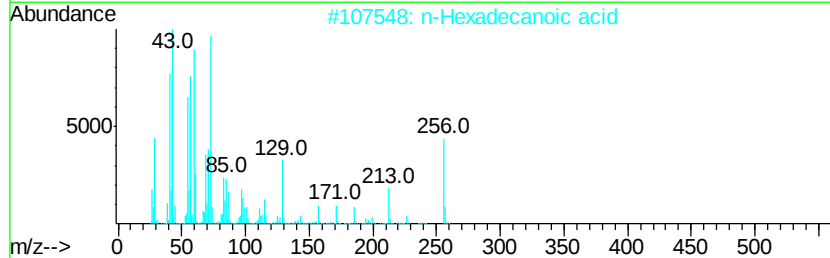
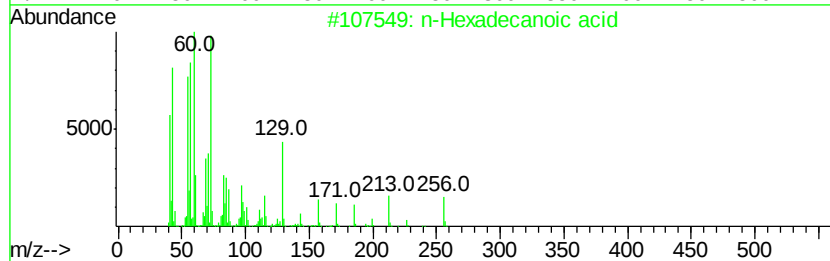
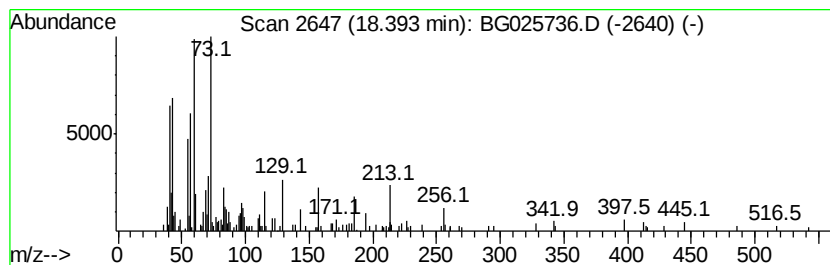
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.35 ng/ul	192924	Phenanthrene-d10	17.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50	
3	Undecanoic acid	186	C11H22O2	000112-37-8	49	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	46	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43	



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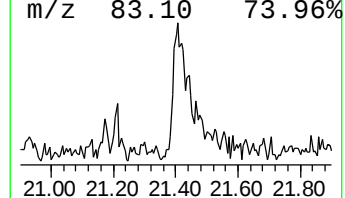
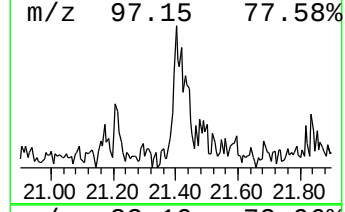
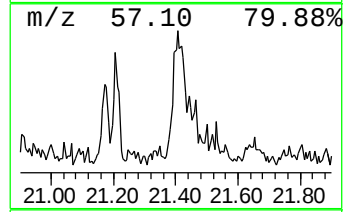
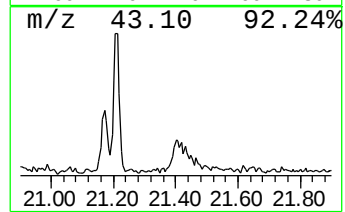
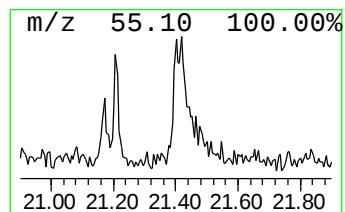
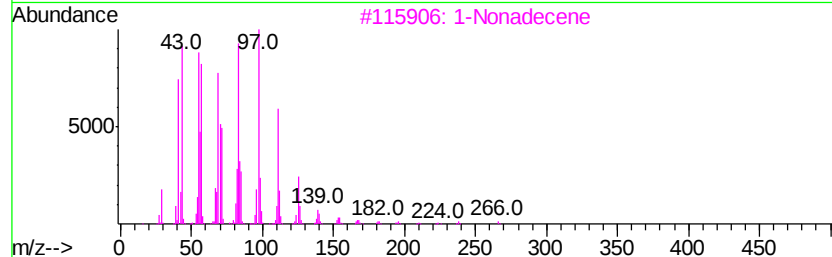
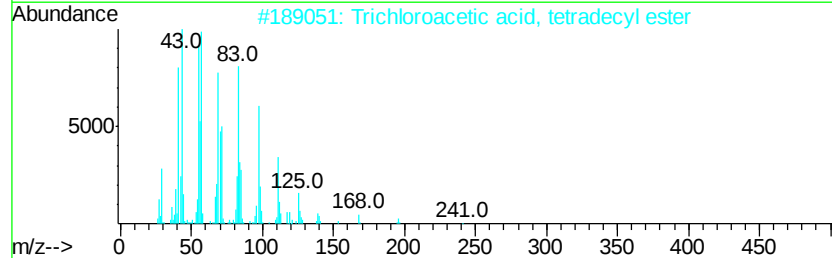
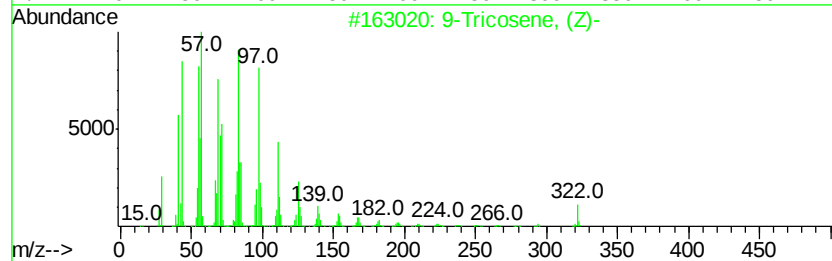
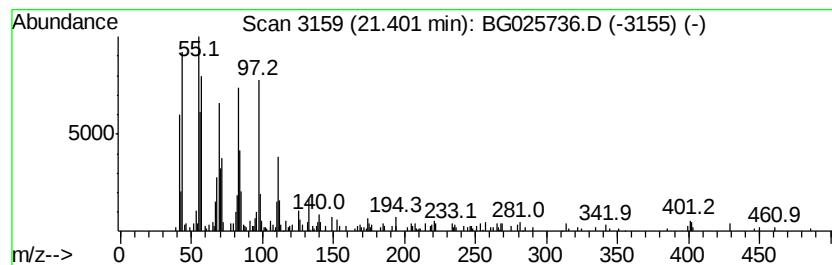
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Peak Number 3 (DEL) Alkane: Cyclic21.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.40 ng/ul	271852	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-		322	C23H46	027519-02-4	86
2	Trichloroacetic acid, tetradecyl...		358	C16H29Cl3O2	074339-52-9	64
3	1-Nonadecene		266	C19H38	018435-45-5	62
4	Cetene		224	C16H32	000629-73-2	62
5	5-Eicosene, (E)-		280	C20H40	074685-30-6	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG013117\
Data File : BG025736.D
Acq On : 1 Feb 2017 3:42
Operator : SJ/MA
Sample : I1460-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNT5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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
Undecanoic acid	15.18	2.3	ng/ul	147288	3	14.80	1263410	20.0
n-Hexadecanoic acid	18.39	2.4	ng/ul	192924	4	17.55	1639610	20.0
(DEL) Alkane: Cyc...	21.40	2.4	ng/ul	271852	5	21.84	2269450	20.0