

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
 Data File : BG025679.D
 Acq On : 26 Jan 2017 23:09
 Operator : SJ/MA
 Sample : I1425-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNQ1

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	3.508	111	114	123	rVB4	19530	36896	1.22%	0.105%
2	3.667	135	141	144	rVB4	6272	11907	0.39%	0.034%
3	3.690	144	145	150	rVB3	5774	7761	0.26%	0.022%
4	3.731	150	152	156	rBV3	7036	9223	0.30%	0.026%
5	3.766	156	158	163	rVB	7230	8755	0.29%	0.025%
6	3.808	163	165	172	rBV6	5651	9814	0.32%	0.028%
7	4.201	230	232	237	rVB4	8210	10228	0.34%	0.029%
8	4.278	241	245	246	rBV4	5090	6829	0.23%	0.019%
9	4.689	312	315	318	rBV4	6569	8210	0.27%	0.023%
10	5.200	397	402	404	rBV4	4691	6851	0.23%	0.019%
11	5.312	417	421	424	rBV3	5147	8068	0.27%	0.023%
12	5.453	442	445	453	rVB5	4011	9906	0.33%	0.028%
13	5.840	507	511	514	rVV5	7029	9277	0.31%	0.026%
14	6.187	567	570	573	rVB3	6966	7088	0.23%	0.020%
15	6.387	599	604	607	rVB5	5588	9821	0.32%	0.028%
16	6.822	674	678	681	rVB3	5029	7106	0.23%	0.020%
17	6.945	698	699	705	rBV3	5314	8966	0.30%	0.025%
18	7.027	710	713	719	rVB4	6559	9175	0.30%	0.026%
19	7.174	733	738	742	rBV5	3765	6881	0.23%	0.020%
20	7.339	758	766	785	rBV2	322615	804886	26.61%	2.281%
21	7.491	785	792	804	rVB	269149	484069	16.00%	1.372%
22	7.627	814	815	821	rVB4	5419	8609	0.28%	0.024%
23	7.703	821	828	843	rBV	343009	676004	22.35%	1.916%
24	8.173	900	908	918	rBV2	220154	429926	14.21%	1.219%
25	8.531	965	969	974	rVB6	4599	8869	0.29%	0.025%
26	8.896	1023	1031	1042	rBV2	317882	665860	22.01%	1.887%
27	9.154	1073	1075	1080	rBV4	5589	9133	0.30%	0.026%
28	9.360	1101	1110	1126	rBV	398244	771156	25.49%	2.186%
29	9.671	1158	1163	1169	rVB7	15161	28221	0.93%	0.080%
30	9.883	1196	1199	1203	rVB3	6283	8708	0.29%	0.025%
31	9.942	1203	1209	1210	rBV3	5065	7456	0.25%	0.021%
32	10.088	1224	1234	1246	rBV	350482	729689	24.12%	2.068%
33	10.429	1290	1292	1296	rBV2	5123	7137	0.24%	0.020%
34	10.635	1319	1327	1347	rBV	422387	940964	31.11%	2.667%

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35	10.811	1352	1357	1359	rVB6	5286	8863	0.29%	0.025%
36	11.005	1380	1390	1401	rBV	331599	651123	21.52%	1.846%
37	11.152	1406	1415	1433	rBV	398863	905276	29.93%	2.566%
38	11.469	1466	1469	1475	rBV2	4187	7134	0.24%	0.020%
39	11.751	1512	1517	1521	rBV3	6630	9477	0.31%	0.027%
40	12.609	1655	1663	1668	rVB5	10227	21412	0.71%	0.061%
41	12.750	1680	1687	1689	rBV5	5955	11088	0.37%	0.031%
42	13.155	1751	1756	1758	rVB5	6731	11828	0.39%	0.034%
43	13.179	1758	1760	1765	rBV4	6471	11030	0.36%	0.031%
44	13.279	1773	1777	1782	rBV3	4027	7388	0.24%	0.021%
45	13.396	1792	1797	1799	rBV4	6909	7189	0.24%	0.020%
46	13.414	1799	1800	1805	rVB3	5701	7520	0.25%	0.021%
47	13.573	1825	1827	1835	rVB3	4757	8870	0.29%	0.025%
48	13.667	1835	1843	1847	rBV6	12196	20956	0.69%	0.059%
49	13.755	1854	1858	1862	rBV4	5910	8959	0.30%	0.025%
50	14.201	1926	1934	1939	rBV	1049544	1571009	51.93%	4.453%
51	14.248	1939	1942	1956	rVB	156935	261555	8.65%	0.741%
52	14.507	1978	1986	1997	rBV	1061161	1735537	57.37%	4.919%
53	14.648	2002	2010	2017	rVB3	22743	43761	1.45%	0.124%
54	14.806	2030	2037	2049	rBV	624643	1005713	33.25%	2.851%
55	15.053	2073	2079	2099	rBV2	204204	639533	21.14%	1.813%
56	15.259	2111	2114	2124	rVB9	13020	27916	0.92%	0.079%
57	15.329	2124	2126	2130	rBV5	7531	7872	0.26%	0.022%
58	15.476	2147	2151	2155	rBV6	6028	8561	0.28%	0.024%
59	15.558	2158	2165	2166	rBV4	8834	12572	0.42%	0.036%
60	15.594	2166	2171	2177	rVB	59530	74605	2.47%	0.211%
61	15.794	2197	2205	2218	rBV	1430093	2280838	75.40%	6.465%
62	15.946	2223	2231	2243	rBV	373902	762866	25.22%	2.162%
63	16.040	2244	2247	2251	rVB6	28966	38341	1.27%	0.109%
64	16.146	2262	2265	2269	rVB5	6836	12294	0.41%	0.035%
65	16.222	2274	2278	2279	rVB4	8226	9011	0.30%	0.026%
66	16.299	2286	2291	2293	rBV3	5214	10139	0.34%	0.029%
67	16.452	2311	2317	2328	rBV2	78853	145919	4.82%	0.414%
68	16.786	2371	2374	2378	rVB5	7793	8800	0.29%	0.025%
69	16.851	2383	2385	2390	rVB5	10971	12576	0.42%	0.036%
70	17.021	2413	2414	2419	rVV5	8089	9774	0.32%	0.028%
71	17.074	2419	2423	2429	rVB7	11352	19528	0.65%	0.055%

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72	17.245	2447	2452	2457	rBV2	59907	77895	2.57%	0.221%
73	17.298	2457	2461	2466	rVB5	17027	24014	0.79%	0.068%
74	17.556	2495	2505	2515	rBV	764861	1266063	41.85%	3.589%
75	17.656	2516	2522	2535	rVV	1546491	2495375	82.49%	7.073%
76	17.985	2573	2578	2585	rVB7	21833	37896	1.25%	0.107%
77	18.056	2585	2590	2593	rBV6	6177	11747	0.39%	0.033%
78	18.108	2595	2599	2600	rVB4	8758	9101	0.30%	0.026%
79	18.332	2636	2637	2642	rVB5	7687	9016	0.30%	0.026%
80	18.396	2642	2648	2659	rBV6	75099	167187	5.53%	0.474%
81	18.484	2659	2663	2668	rVB6	18781	29138	0.96%	0.083%
82	18.573	2675	2678	2683	rVB7	17661	29564	0.98%	0.084%
83	18.625	2684	2687	2691	rVV6	5280	7856	0.26%	0.022%
84	18.661	2692	2693	2698	rVB5	12690	14297	0.47%	0.041%
85	18.796	2714	2716	2719	rBV3	13294	16609	0.55%	0.047%
86	19.331	2805	2807	2810	rBV4	9719	8542	0.28%	0.024%
87	19.460	2826	2829	2831	rBV4	12609	15275	0.50%	0.043%
88	19.571	2844	2848	2850	rBV3	25460	35148	1.16%	0.100%
89	19.601	2850	2853	2859	rVB2	37943	58681	1.94%	0.166%
90	19.654	2859	2862	2866	rBV6	18328	25136	0.83%	0.071%
91	19.789	2880	2885	2895	rBV	2383257	2872121	94.94%	8.141%
92	19.930	2902	2909	2920	rBV	1903092	3025065	100.00%	8.574%
93	20.829	3056	3062	3069	rVB	2085205	2444794	80.82%	6.930%
94	21.416	3158	3162	3179	rVB	76305	192525	6.36%	0.546%
95	21.663	3201	3204	3209	rVB	63483	92719	3.07%	0.263%
96	21.845	3226	3235	3242	rBV	856174	1567043	51.80%	4.442%
97	24.119	3619	3622	3630	rBV10	29771	49874	1.65%	0.141%
98	25.000	3762	3772	3783	rBV2	1018213	2959037	97.82%	8.387%
99	25.235	3801	3812	3828	rBV	448541	1437122	47.51%	4.073%
100	26.264	3981	3987	3996	rVB9	46157	131071	4.33%	0.372%

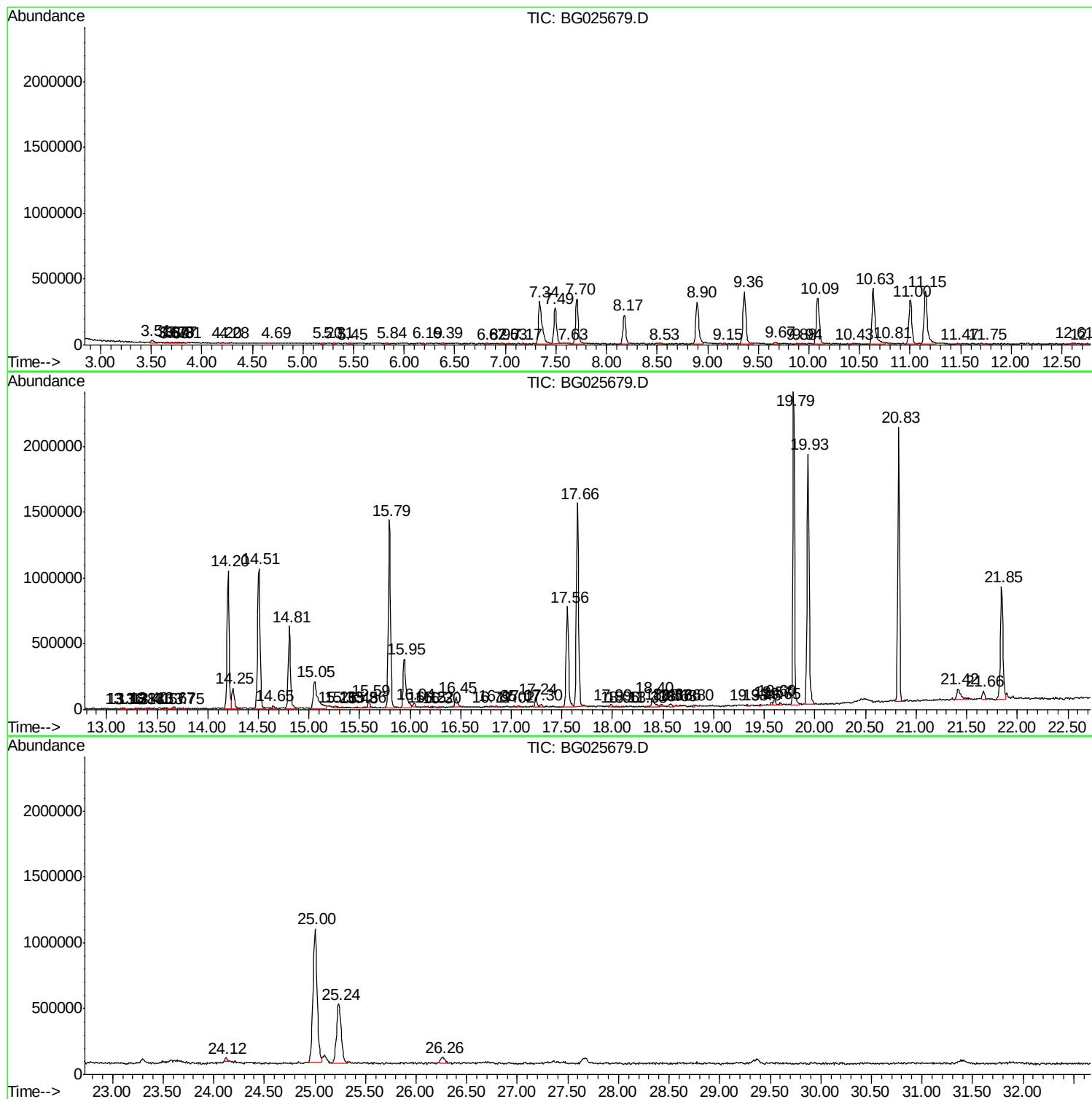
Sum of corrected areas: 35280193

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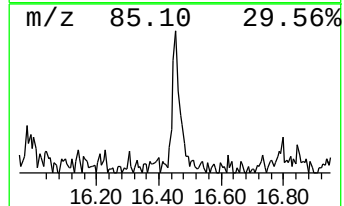
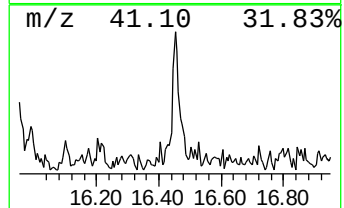
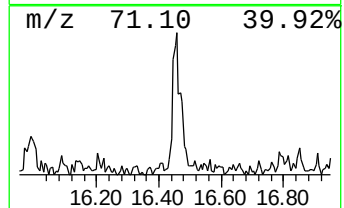
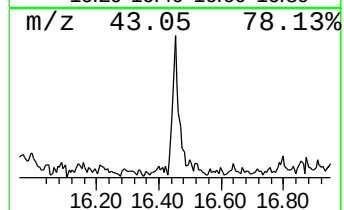
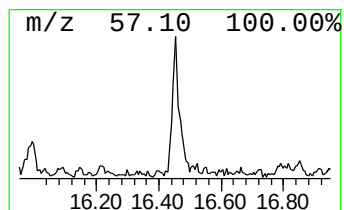
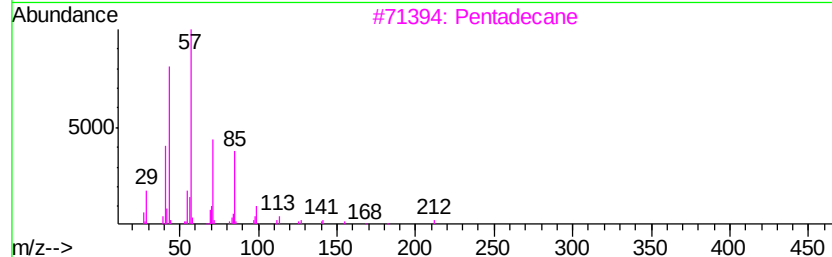
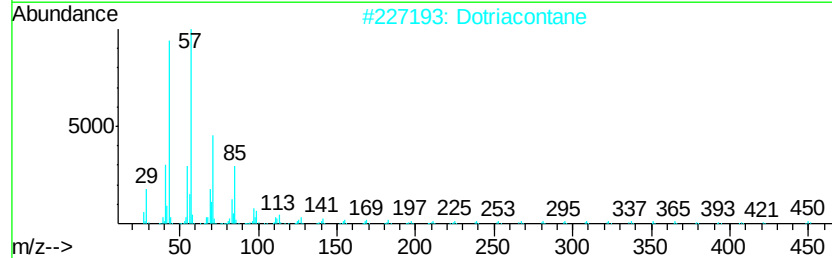
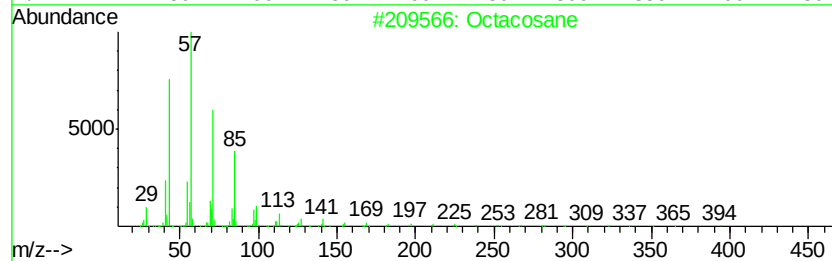
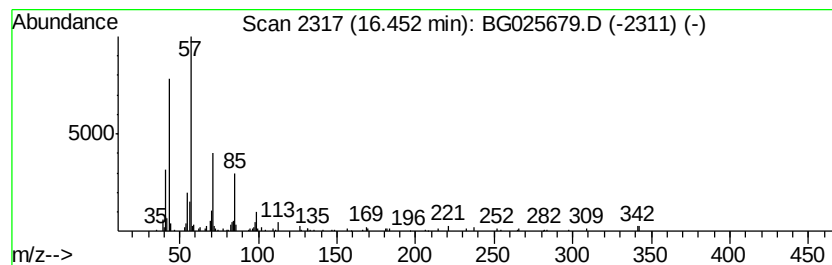
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.45	2.31 ng/ul	145919	Phenanthrene-d10		17.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	72
2	Dotriacontane	451	C32H66	000544-85-4	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	72
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	68



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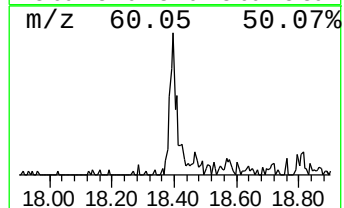
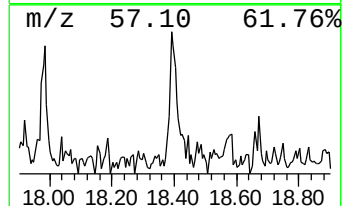
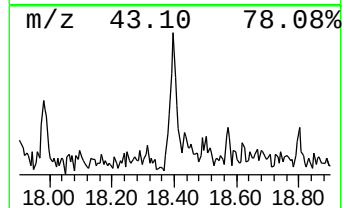
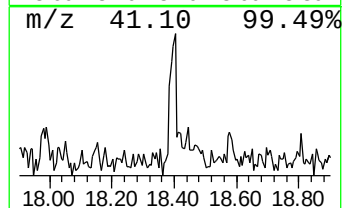
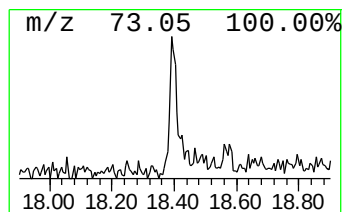
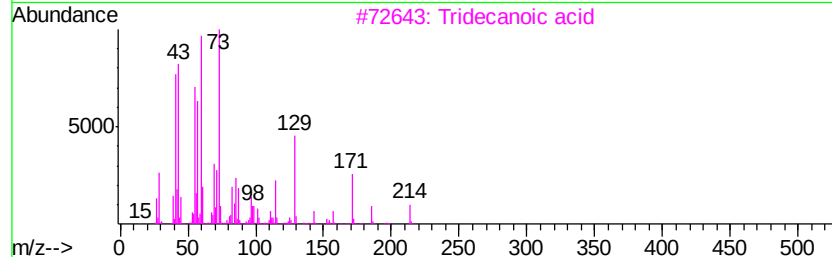
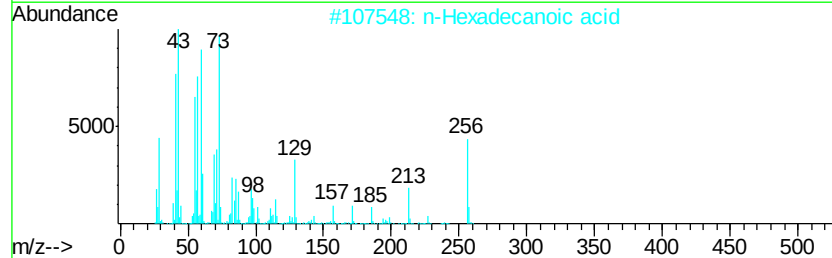
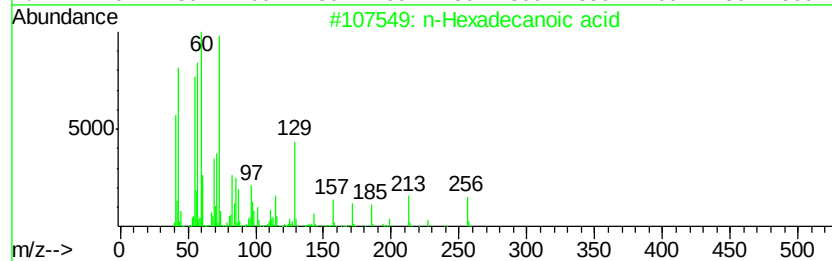
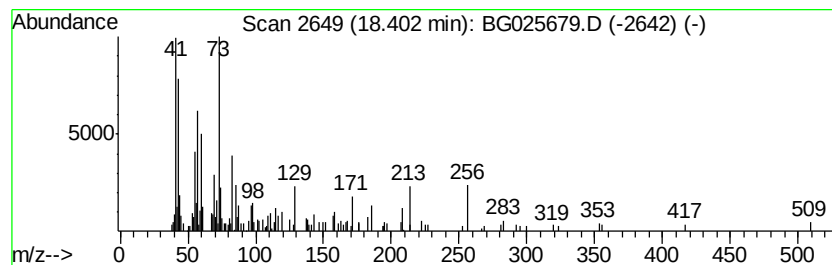
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.64 ng/ul	167187	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	62	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62	
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50	



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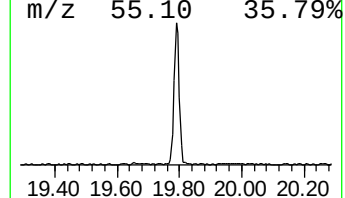
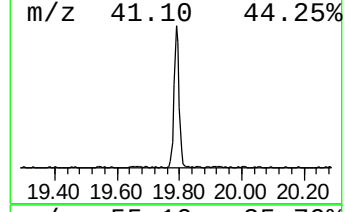
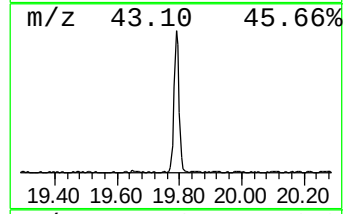
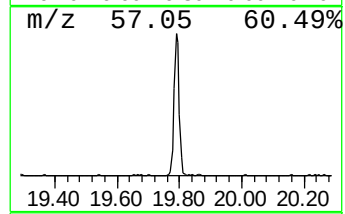
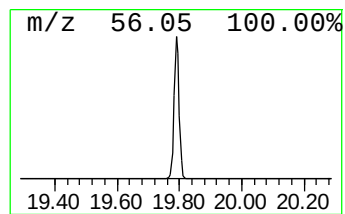
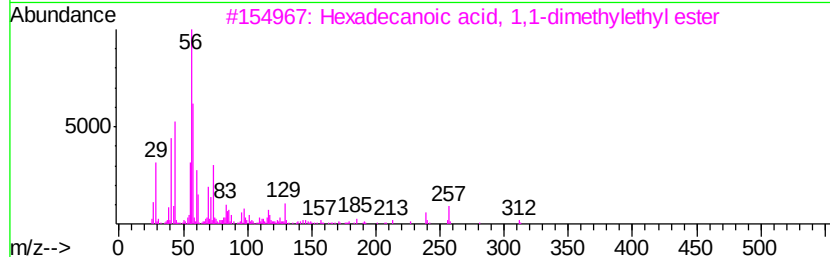
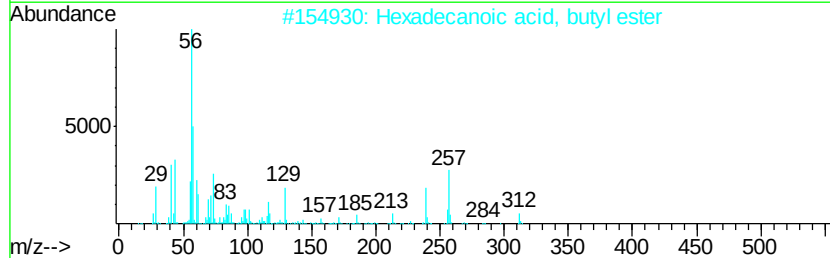
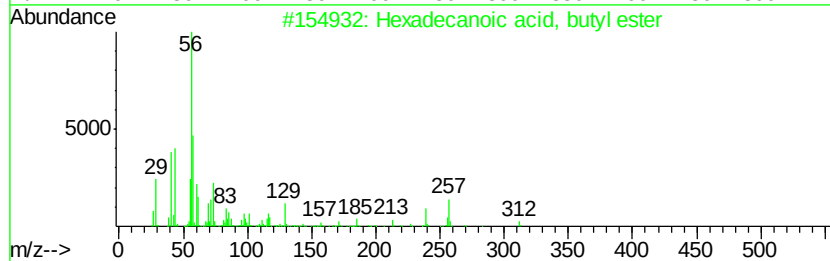
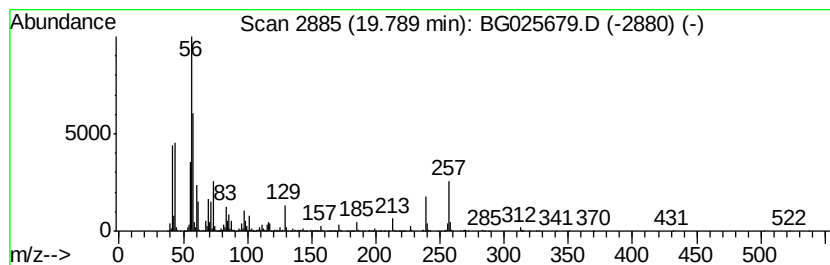
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	36.66 ng/ul	2872120	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	95
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
4		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	64
5		Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	42



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Acq On : 26 Jan 2017 23:09
Operator : SJ/MA
Sample : I1425-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNQ1

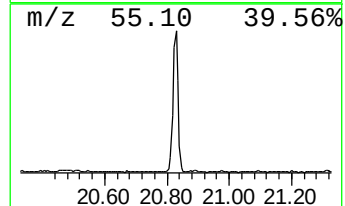
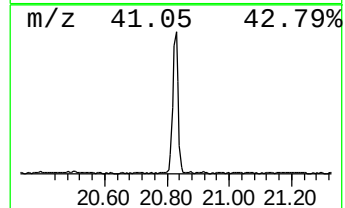
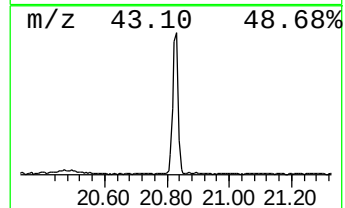
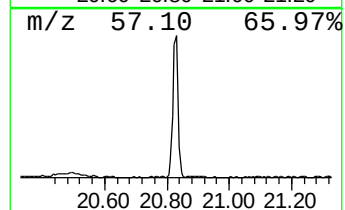
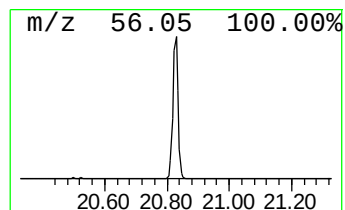
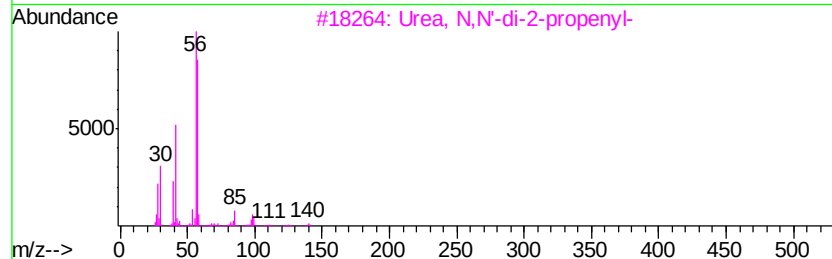
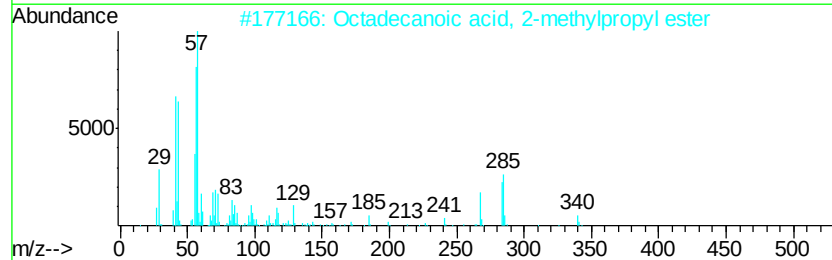
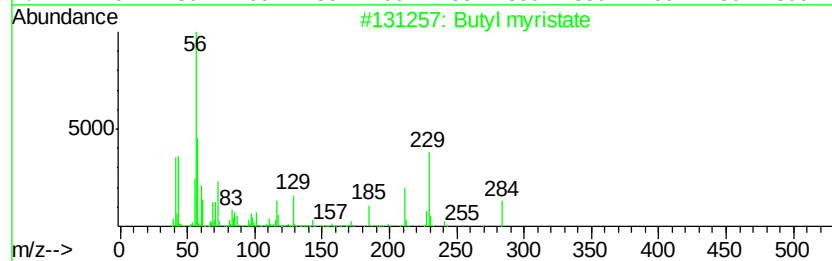
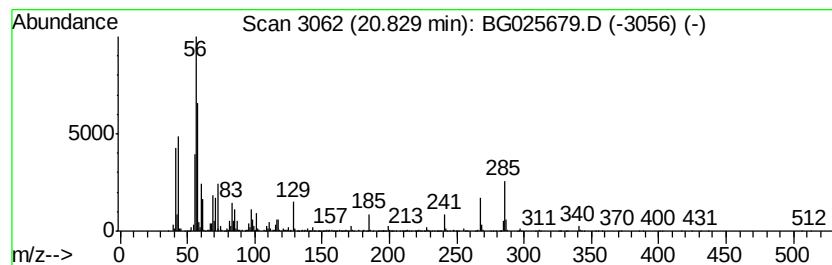
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Butyl myristate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	31.20 ng/ul	2444790	Chrysene-d12	21.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate		284	C18H36O2	000110-36-1	59
2	Octadecanoic acid, 2-methylpropy...		340	C22H44O2	000646-13-9	50
3	Urea, N,N'-di-2-propenyl-		140	C7H12N2O	001801-72-5	35
4	Cyclobutane, 1-hexyl-2,3-dimethyl-		168	C12H24	055170-84-8	35
5	trans-2-Aminocyclohexanol		115	C6H13NO	006982-39-4	30



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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNQ1

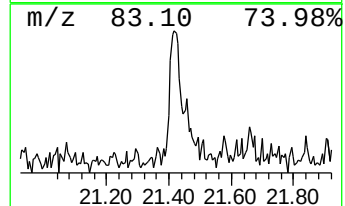
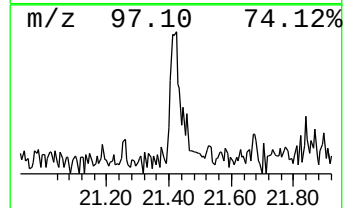
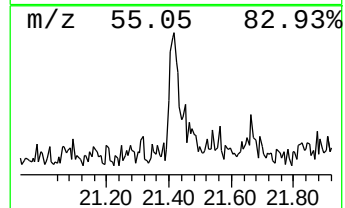
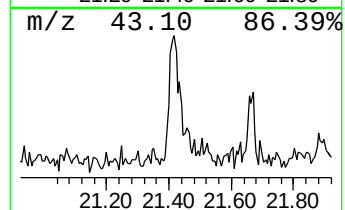
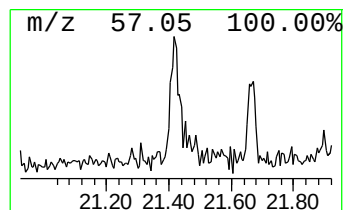
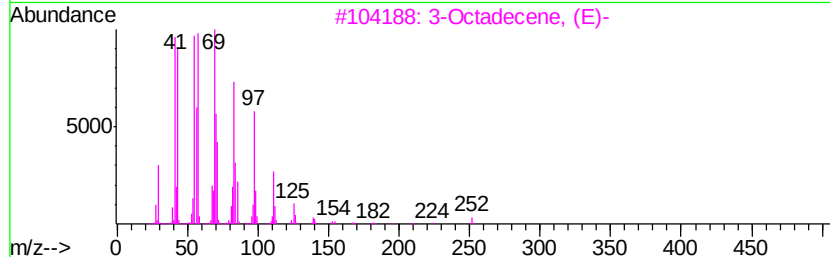
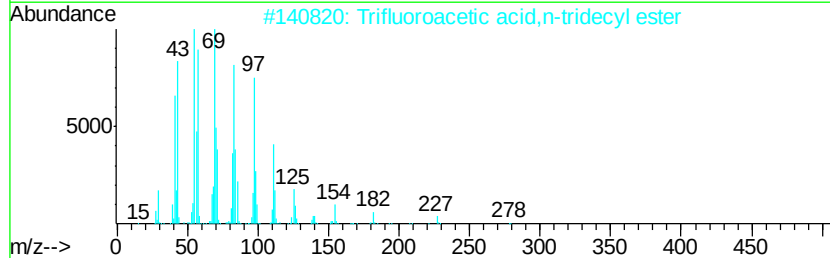
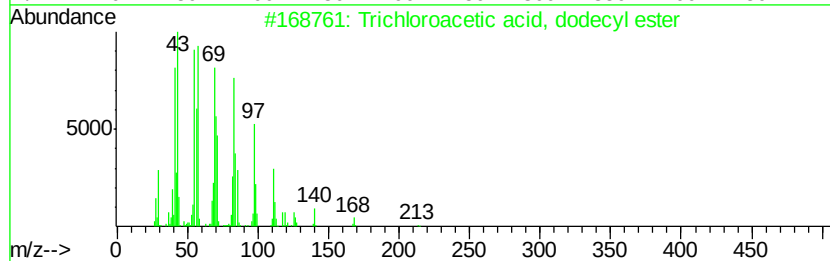
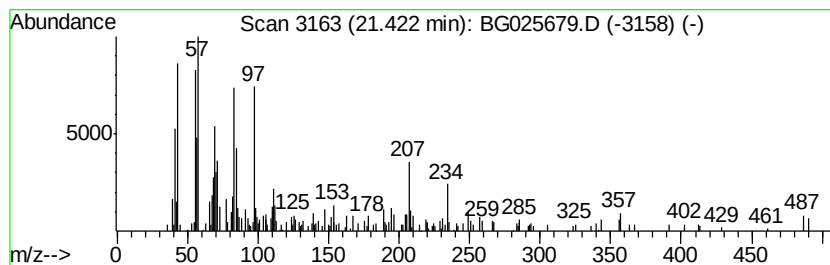
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Trichloroacetic acid, dodec... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.46 ng/ul	192525	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	70
2		Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	58
3		3-Octadecene, (E)-	252	C18H36	007206-19-1	58
4		Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	58
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	53



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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNQ1

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
(DEL) Alkane: Str...	16.45	2.3	ng/ul	145919	4	17.56	1266060	20.0
n-Hexadecanoic acid	18.40	2.6	ng/ul	167187	4	17.56	1266060	20.0
Hexadecanoic acid...	19.79	36.7	ng/ul	2872120	5	21.85	1567040	20.0
Butyl myristate	20.83	31.2	ng/ul	2444790	5	21.85	1567040	20.0
Trichloroacetic a...	21.42	2.5	ng/ul	192525	5	21.85	1567040	20.0