

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
 Data File : BG025639.D
 Acq On : 25 Jan 2017 18:21
 Operator : SJ/MA
 Sample : I1362-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN34

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	110	114	120	rVB3	17668	28339	0.55%	0.072%
2	3.643	136	137	143	rVB5	5756	9027	0.17%	0.023%
3	4.213	231	234	240	rVB5	7732	11888	0.23%	0.030%
4	4.377	260	262	265	rBV4	6848	8130	0.16%	0.021%
5	4.724	318	321	325	rVB5	6329	7921	0.15%	0.020%
6	4.977	362	364	370	rVB5	6300	9111	0.18%	0.023%
7	5.253	405	411	415	rBV8	5867	10008	0.19%	0.025%
8	6.034	538	544	548	rBV5	8879	16296	0.31%	0.041%
9	6.375	599	602	609	rVB7	6177	11272	0.22%	0.028%
10	7.339	759	766	785	rBV2	263331	658409	12.66%	1.663%
11	7.491	785	792	803	rBV2	227604	389467	7.49%	0.984%
12	7.709	819	829	844	rBV	283102	548547	10.55%	1.386%
13	8.173	900	908	922	rVV2	228610	453285	8.72%	1.145%
14	8.273	922	925	928	rVB3	6977	9040	0.17%	0.023%
15	8.896	1021	1031	1046	rBV3	350157	756665	14.55%	1.912%
16	8.990	1046	1047	1054	rVB7	9131	12980	0.25%	0.033%
17	9.360	1101	1110	1129	rVB	321207	638064	12.27%	1.612%
18	9.483	1129	1131	1139	rBV6	5781	11576	0.22%	0.029%
19	9.671	1157	1163	1170	rVB5	20519	36854	0.71%	0.093%
20	9.753	1173	1177	1186	rBV5	4681	11134	0.21%	0.028%
21	9.877	1197	1198	1204	rVB4	5114	8379	0.16%	0.021%
22	10.012	1215	1221	1225	rBV4	7976	14425	0.28%	0.036%
23	10.088	1225	1234	1247	rVV2	282033	593861	11.42%	1.500%
24	10.341	1274	1277	1283	rVB7	5564	8786	0.17%	0.022%
25	10.635	1316	1327	1346	rBV	370230	794817	15.29%	2.008%
26	11.005	1378	1390	1402	rBV	374022	711536	13.68%	1.798%
27	11.152	1408	1415	1433	rBV	349447	795620	15.30%	2.010%
28	12.027	1562	1564	1568	rBV4	9943	12593	0.24%	0.032%
29	12.333	1612	1616	1618	rBV4	5857	8664	0.17%	0.022%
30	12.450	1632	1636	1643	rVB6	5056	9006	0.17%	0.023%
31	12.615	1657	1664	1672	rBV10	8390	23052	0.44%	0.058%
32	13.161	1749	1757	1764	rBV4	10135	23097	0.44%	0.058%
33	13.367	1786	1792	1794	rBV5	5264	9834	0.19%	0.025%
34	13.402	1795	1798	1802	rVB3	7605	11358	0.22%	0.029%

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35	13.590	1825	1830	1834	rVB4	6942	11985	0.23%	0.030%
36	13.661	1839	1842	1846	rVB4	10303	9670	0.19%	0.024%
37	13.990	1895	1898	1903	rVB6	4680	8171	0.16%	0.021%
38	14.201	1927	1934	1939	rBV	956886	1462013	28.12%	3.694%
39	14.248	1939	1942	1950	rVB	139108	213528	4.11%	0.539%
40	14.507	1978	1986	2002	rBV	979618	1606625	30.90%	4.059%
41	14.648	2002	2010	2018	rVB6	20812	38071	0.73%	0.096%
42	14.806	2029	2037	2048	rBV	703988	1158507	22.28%	2.927%
43	15.047	2071	2078	2097	rBV2	265655	729992	14.04%	1.844%
44	15.558	2160	2165	2166	rVB4	7843	10602	0.20%	0.027%
45	15.594	2166	2171	2177	rBV3	46722	63057	1.21%	0.159%
46	15.646	2177	2180	2185	rBV6	5869	8143	0.16%	0.021%
47	15.793	2198	2205	2220	rBV	1349489	2168687	41.71%	5.479%
48	15.940	2223	2230	2243	rBV3	401262	820361	15.78%	2.073%
49	16.040	2243	2247	2252	rVV5	24811	43501	0.84%	0.110%
50	16.087	2252	2255	2261	rVB7	7334	15294	0.29%	0.039%
51	16.146	2262	2265	2271	rVB6	10498	15295	0.29%	0.039%
52	16.222	2274	2278	2280	rBV5	9710	14083	0.27%	0.036%
53	16.299	2286	2291	2293	rBV5	6547	9550	0.18%	0.024%
54	16.451	2313	2317	2329	rVB	58321	106984	2.06%	0.270%
55	16.592	2336	2341	2342	rBV5	10271	15278	0.29%	0.039%
56	16.716	2359	2362	2364	rBV4	9462	7973	0.15%	0.020%
57	16.804	2373	2377	2380	rBV5	7485	11748	0.23%	0.030%
58	16.963	2400	2404	2408	rVB7	7362	10663	0.21%	0.027%
59	17.062	2419	2421	2430	rVB9	6068	10725	0.21%	0.027%
60	17.245	2447	2452	2456	rBV	41369	57503	1.11%	0.145%
61	17.297	2456	2461	2464	rVB5	17359	26451	0.51%	0.067%
62	17.550	2495	2504	2514	rBV2	967555	1560246	30.01%	3.942%
63	17.656	2514	2522	2538	rVB	1505420	2460090	47.31%	6.215%
64	17.979	2572	2577	2584	rVB9	21130	41582	0.80%	0.105%
65	18.073	2588	2593	2600	rVB8	8653	22787	0.44%	0.058%
66	18.161	2605	2608	2613	rBV6	5463	10919	0.21%	0.028%
67	18.314	2631	2634	2642	rBV10	7203	14356	0.28%	0.036%
68	18.390	2642	2647	2664	rBV3	116269	254864	4.90%	0.644%
69	18.578	2673	2679	2683	rBV6	28951	55994	1.08%	0.141%
70	18.713	2699	2702	2704	rVB5	15923	17274	0.33%	0.044%
71	18.925	2736	2738	2743	rVB5	7229	9414	0.18%	0.024%

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72	19.031	2753	2756	2759	rBV5	10278	15439	0.30%	0.039%
73	19.089	2761	2766	2769	rBV6	9158	15469	0.30%	0.039%
74	19.207	2781	2786	2791	rVB9	14252	27479	0.53%	0.069%
75	19.248	2791	2793	2795	rBV3	10602	12155	0.23%	0.031%
76	19.454	2826	2828	2831	rVB4	12468	10610	0.20%	0.027%
77	19.571	2844	2848	2850	rBV4	23207	26952	0.52%	0.068%
78	19.595	2850	2852	2857	rVB4	27312	41280	0.79%	0.104%
79	19.654	2859	2862	2868	rBV8	26615	42391	0.82%	0.107%
80	19.789	2878	2885	2896	rBV	4127358	5199544	100.00%	13.136%
81	19.930	2902	2909	2923	rVB	1914166	2919549	56.15%	7.376%
82	20.329	2973	2977	2980	rBV6	20490	36169	0.70%	0.091%
83	20.829	3056	3062	3068	rVB	3776158	4379175	84.22%	11.064%
84	21.428	3157	3164	3176	rBV	68042	223870	4.31%	0.566%
85	21.845	3227	3235	3249	rBV	1037656	1926120	37.04%	4.866%
86	23.290	3478	3481	3492	rVB	35960	92280	1.77%	0.233%
87	24.113	3617	3621	3628	rBV7	32980	72184	1.39%	0.182%
88	24.994	3761	3771	3783	rBV2	982997	2869788	55.19%	7.250%
89	25.229	3800	3811	3827	rBV2	566786	1857663	35.73%	4.693%
90	29.336	4504	4510	4511	rBV6	27798	47951	0.92%	0.121%

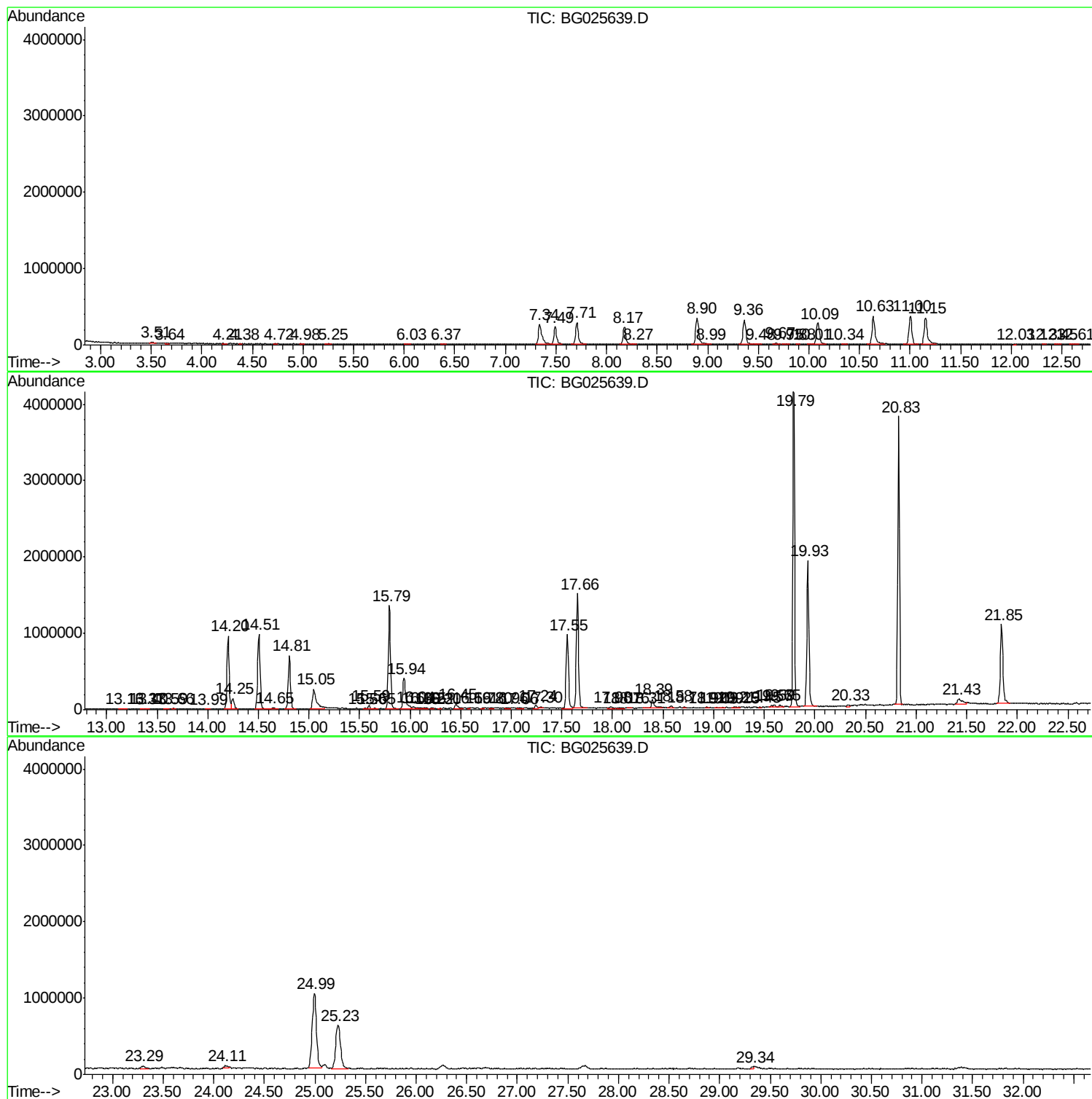
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



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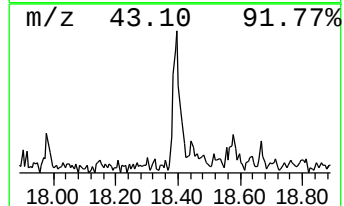
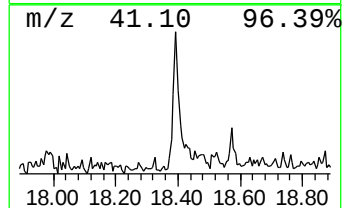
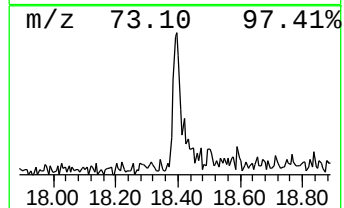
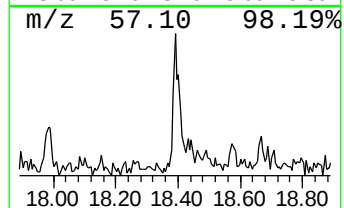
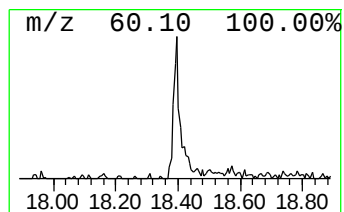
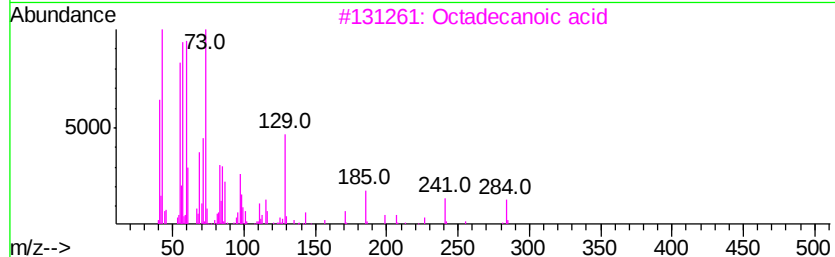
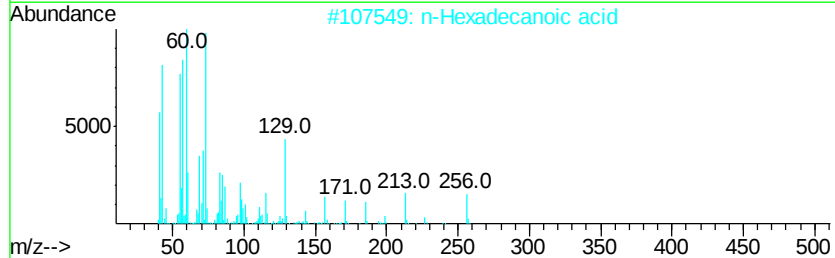
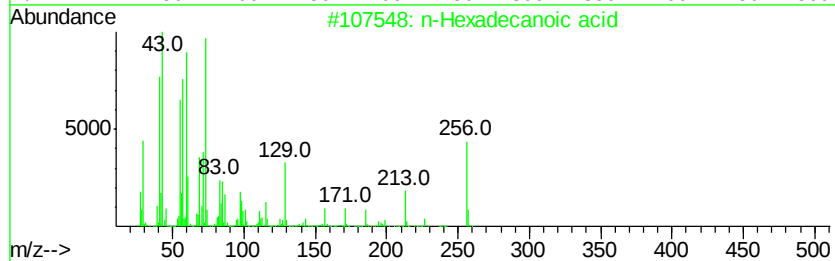
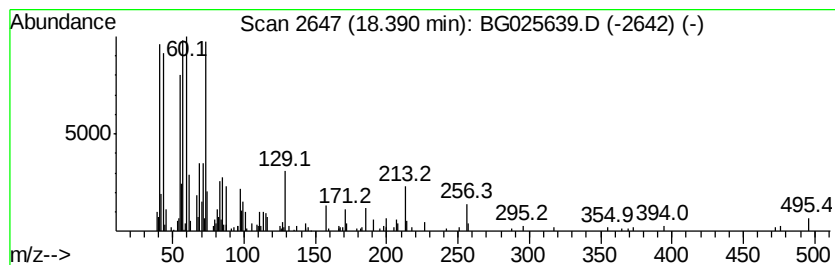
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.27 ng/ul	254864	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Octadecanoic acid	284	C18H36O2	000057-11-4	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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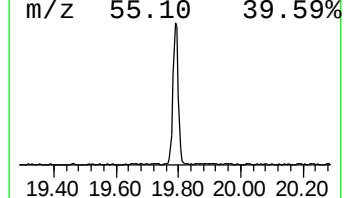
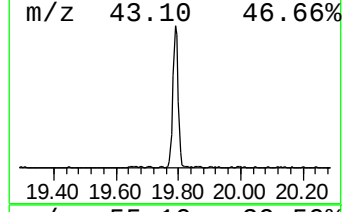
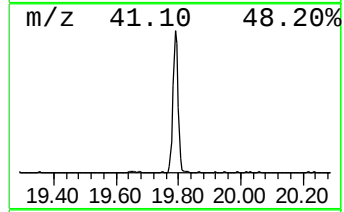
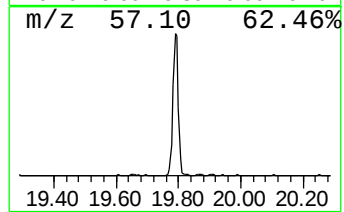
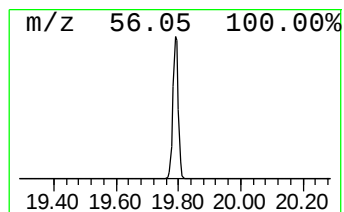
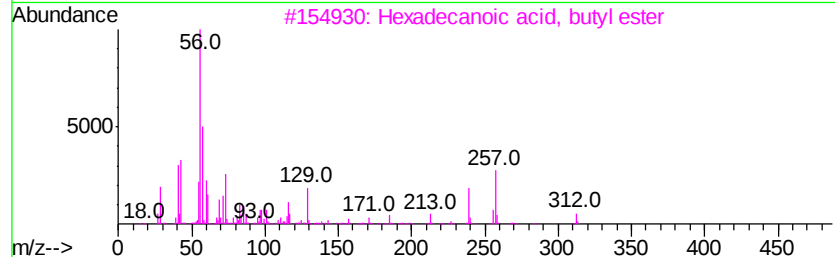
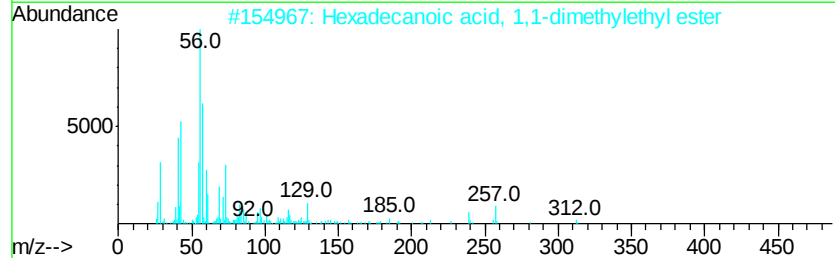
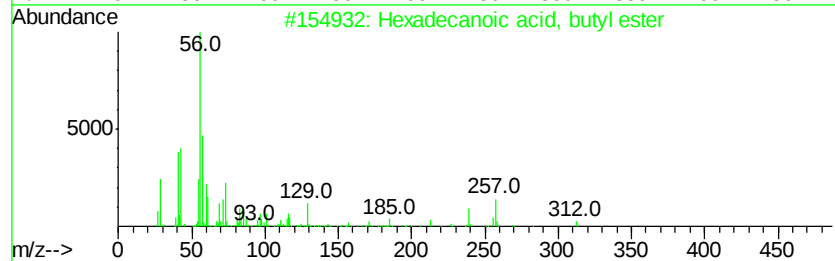
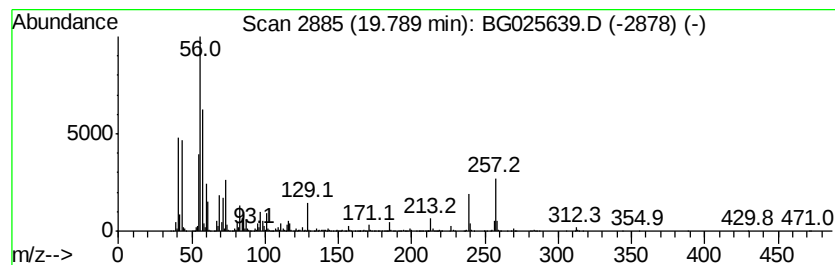
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	53.99 ng/ul	5199540	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	70
5		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35



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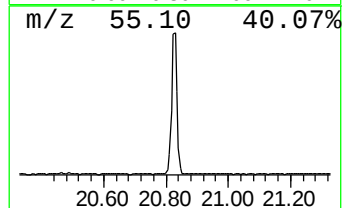
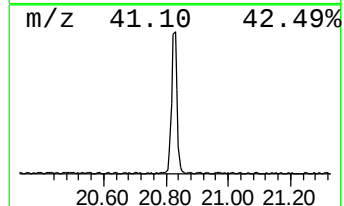
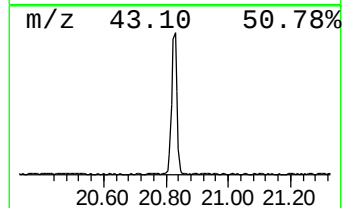
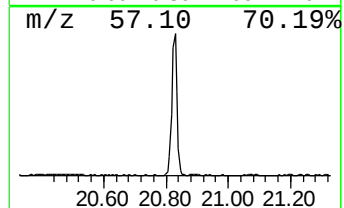
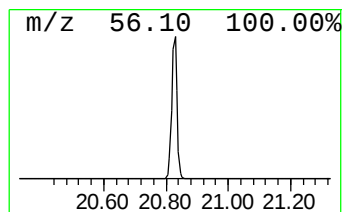
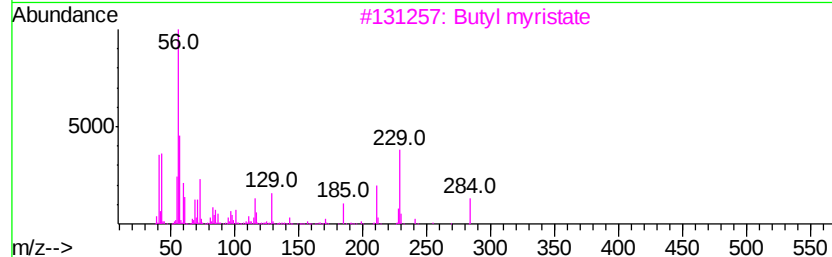
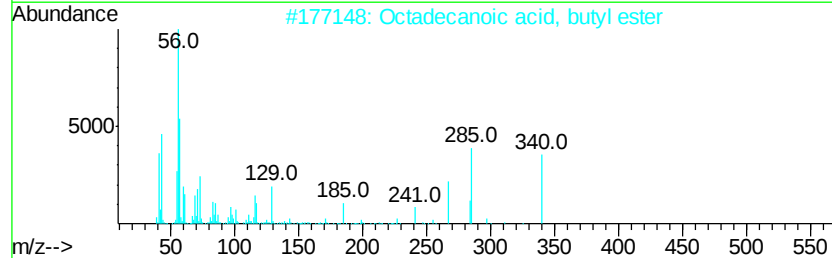
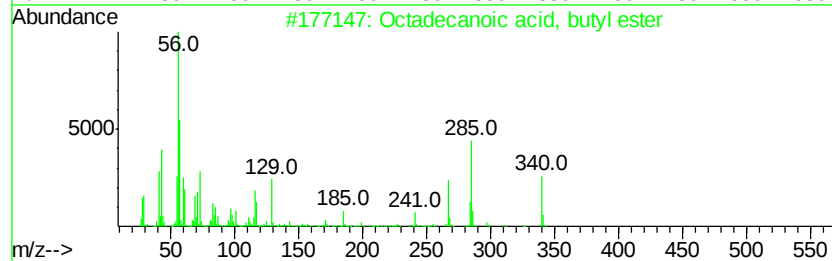
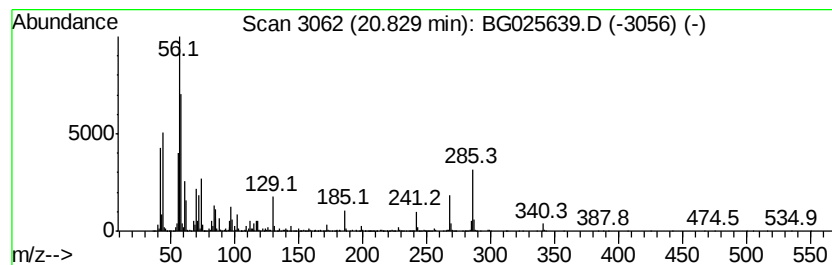
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	45.47 ng/ul	4379180	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	81
3		Butyl myristate	284	C18H36O2	000110-36-1	50
4		Docosanoic acid	340	C22H44O2	000112-85-6	44
5		3,3-Diethyldiaziridine	100	C5H12N2	052175-94-7	38



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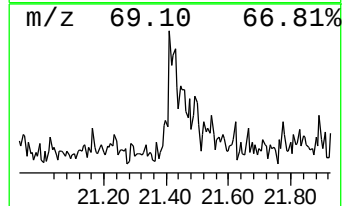
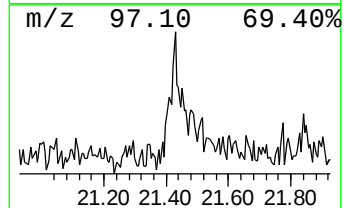
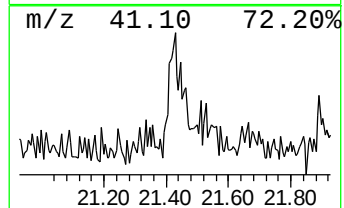
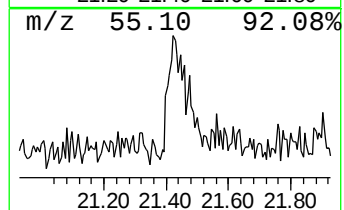
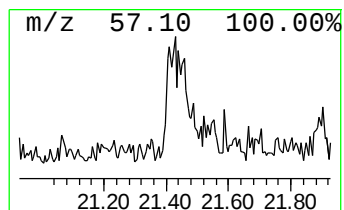
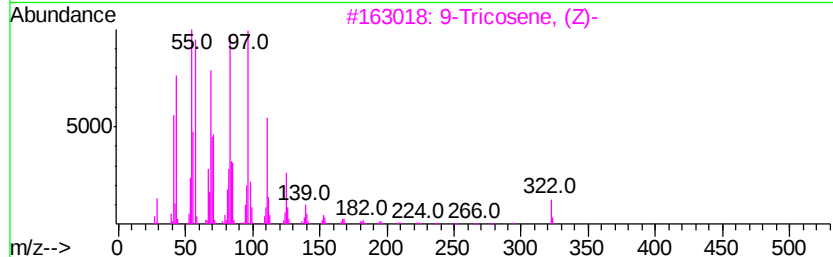
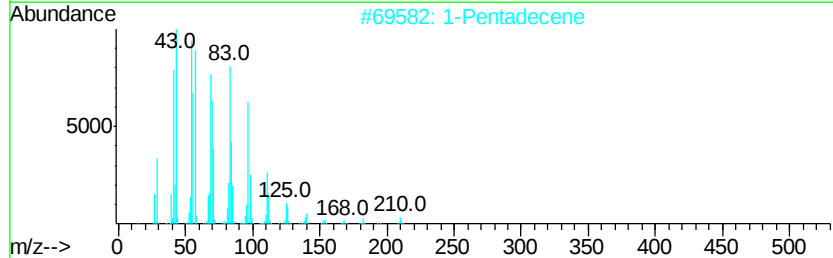
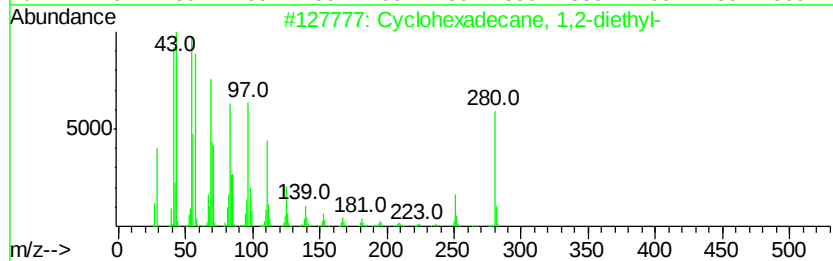
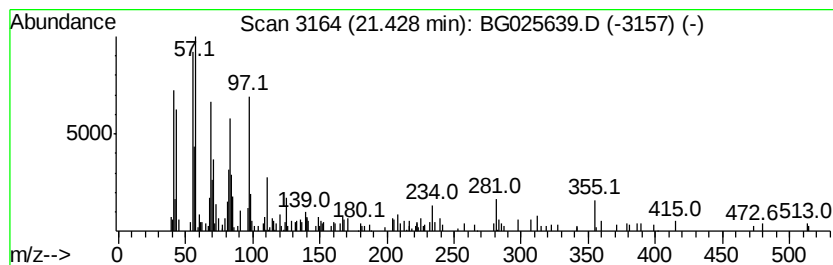
Instrument :
BNA_G
ClientSampleId :
BDN34

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 4 (DEL) Alkane: Cyclic21.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.43	2.32 ng/ul	223870	Chrysene-d12		21.85
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	70
2	1-Pentadecene	210	C15H30	013360-61-7	52
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	51
4	Cycloeicosane	280	C20H40	000296-56-0	51
5	11-Tricosene	322	C23H46	052078-56-5	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012517\
Data File : BG025639.D
Acq On : 25 Jan 2017 18:21
Operator : SJ/MA
Sample : I1362-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN34

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
n-Hexadecanoic acid	18.39	3.3	ng/ul	254864	4	17.55	1560250	20.0
Hexadecanoic acid...	19.79	54.0	ng/ul	5199540	5	21.85	1926120	20.0
Octadecanoic acid...	20.83	45.5	ng/ul	4379180	5	21.85	1926120	20.0
(DEL) Alkane: Cyc...	21.43	2.3	ng/ul	223870	5	21.85	1926120	20.0