

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029238.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC2

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-BG101417.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	3.552	40	45	52	rVB4	20365	33251	1.31%	0.105%
2	3.822	88	91	98	rVB4	7928	12866	0.51%	0.041%
3	3.986	115	119	127	rVB9	6408	13069	0.52%	0.041%
4	4.086	130	136	143	rVB3	19141	30613	1.21%	0.097%
5	4.174	146	151	155	rVB8	5852	11808	0.47%	0.037%
6	4.316	172	175	181	rVB5	7114	9355	0.37%	0.030%
7	5.250	328	334	338	rBV7	4241	8004	0.32%	0.025%
8	5.332	344	348	355	rVB8	3503	7090	0.28%	0.022%
9	5.579	382	390	400	rVB6	5024	15116	0.60%	0.048%
10	6.231	494	501	504	rBV6	4542	7555	0.30%	0.024%
11	6.366	517	524	532	rVB9	3710	7551	0.30%	0.024%
12	6.807	593	599	602	rBV5	4637	6681	0.26%	0.021%
13	7.142	651	656	666	rVV3	18370	36697	1.45%	0.116%
14	7.324	677	687	702	rBV	307461	602683	23.75%	1.911%
15	7.488	708	715	725	rVB	267524	428919	16.91%	1.360%
16	7.700	743	751	762	rBV	296807	530649	20.91%	1.683%
17	8.176	822	832	840	rBV	417582	701181	27.64%	2.224%
18	8.411	866	872	876	rBV7	6817	12975	0.51%	0.041%
19	8.452	876	879	887	rVB7	4732	10265	0.40%	0.033%
20	8.716	921	924	929	rBV7	3149	5728	0.23%	0.018%
21	8.875	942	951	961	rVV	313475	554210	21.84%	1.758%
22	9.333	1022	1029	1038	rBV	297430	537543	21.19%	1.705%
23	9.439	1038	1047	1053	rVV5	19676	40414	1.59%	0.128%
24	9.492	1053	1056	1061	rVB6	4252	5913	0.23%	0.019%
25	9.750	1097	1100	1107	rVB5	4053	6965	0.27%	0.022%
26	10.062	1144	1153	1167	rBV	243611	446756	17.61%	1.417%
27	10.279	1183	1190	1194	rBV4	6577	12622	0.50%	0.040%
28	10.602	1237	1245	1256	rBV	382028	702810	27.70%	2.229%
29	10.755	1264	1271	1275	rBV7	4382	8366	0.33%	0.027%
30	10.990	1301	1311	1324	rBV	612777	1091794	43.03%	3.462%
31	11.113	1324	1332	1346	rVB	298986	573913	22.62%	1.820%
32	11.630	1414	1420	1426	rBV8	2749	6888	0.27%	0.022%
33	11.754	1435	1441	1451	rVB5	14130	29413	1.16%	0.093%
34	12.007	1476	1484	1488	rVB6	3235	7589	0.30%	0.024%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	12.089	1495	1498	1505	rVB5	2286	5100	0.20%	0.016%
36	12.453	1554	1560	1564	rBV4	5776	9460	0.37%	0.030%
37	12.559	1574	1578	1583	rBV3	7830	11848	0.47%	0.038%
38	12.635	1588	1591	1596	rVB4	3810	5279	0.21%	0.017%
39	13.058	1655	1663	1666	rBV7	5093	8836	0.35%	0.028%
40	13.152	1674	1679	1684	rVB6	3971	6098	0.24%	0.019%
41	13.287	1698	1702	1707	rVB4	3455	6238	0.25%	0.020%
42	13.393	1716	1720	1726	rVB3	4715	7577	0.30%	0.024%
43	13.452	1726	1730	1738	rVB6	4666	6661	0.26%	0.021%
44	13.611	1754	1757	1764	rBV5	4075	6398	0.25%	0.020%
45	13.675	1765	1768	1778	rVB9	5998	10538	0.42%	0.033%
46	13.898	1798	1806	1813	rBV9	3339	8017	0.32%	0.025%
47	14.116	1837	1843	1846	rBV7	6642	8370	0.33%	0.027%
48	14.186	1848	1855	1859	rBV	734508	1087462	42.86%	3.449%
49	14.233	1859	1863	1871	rVB	365171	521359	20.55%	1.653%
50	14.486	1899	1906	1919	rVB	833876	1334233	52.59%	4.231%
51	14.568	1919	1920	1927	rBV6	3062	5362	0.21%	0.017%
52	14.674	1934	1938	1944	rVB3	12368	17255	0.68%	0.055%
53	14.791	1945	1958	1965	rBV2	938320	1526430	60.16%	4.841%
54	14.856	1966	1969	1974	rVB3	9229	13024	0.51%	0.041%
55	14.968	1981	1988	2001	rBV	287661	465539	18.35%	1.476%
56	15.120	2008	2014	2019	rVB6	10328	19163	0.76%	0.061%
57	15.185	2019	2025	2036	rBV5	48232	91710	3.61%	0.291%
58	15.291	2039	2043	2048	rVB8	4451	9735	0.38%	0.031%
59	15.355	2052	2054	2058	rBV5	3790	5436	0.21%	0.017%
60	15.579	2087	2092	2094	rBV5	7488	12141	0.48%	0.039%
61	15.620	2094	2099	2103	rVB2	24410	33547	1.32%	0.106%
62	15.779	2118	2126	2132	rBV	1073213	1638433	64.58%	5.196%
63	15.831	2132	2135	2139	rVV2	14812	22468	0.89%	0.071%
64	15.884	2139	2144	2153	rVV	260102	381240	15.03%	1.209%
65	16.019	2161	2167	2173	rVB8	17773	36759	1.45%	0.117%
66	16.125	2181	2185	2190	rBV8	10977	14900	0.59%	0.047%
67	16.166	2190	2192	2200	rVB6	4871	6868	0.27%	0.022%
68	16.237	2200	2204	2208	rBV6	5930	11327	0.45%	0.036%
69	16.478	2240	2245	2254	rVB	34912	63978	2.52%	0.203%
70	16.660	2271	2276	2281	rBV8	9032	13032	0.51%	0.041%
71	16.830	2301	2305	2310	rVB8	10272	17986	0.71%	0.057%

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Integration Parameters: LSCINT.P

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 Sampling : 1 Min Area: 0.1 % of largest Peak
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72	16.877	2311	2313	2314	rBV2	7646	5121	0.20%	0.016%
73	16.989	2330	2332	2337	rVB5	7088	6677	0.26%	0.021%
74	17.059	2338	2344	2349	rBV10	14838	27942	1.10%	0.089%
75	17.171	2359	2363	2372	rBV3	10832	24591	0.97%	0.078%
76	17.271	2375	2380	2384	rBV5	26950	40598	1.60%	0.129%
77	17.400	2399	2402	2409	rBV8	19765	27217	1.07%	0.086%
78	17.529	2417	2424	2428	rBV	1125511	1749197	68.94%	5.547%
79	17.571	2428	2431	2435	rVV	282090	390986	15.41%	1.240%
80	17.623	2435	2440	2451	rVB	1070501	1700104	67.01%	5.392%
81	17.923	2481	2491	2498	rBV3	24680	68992	2.72%	0.219%
82	18.005	2502	2505	2508	rVB5	16561	18131	0.71%	0.057%
83	18.176	2531	2534	2539	rBV7	15693	26323	1.04%	0.083%
84	18.399	2567	2572	2577	rBV	327114	463287	18.26%	1.469%
85	18.446	2577	2580	2589	rVB2	63385	127907	5.04%	0.406%
86	18.593	2600	2605	2608	rBV3	58416	101463	4.00%	0.322%
87	18.887	2651	2655	2659	rBV	40124	66822	2.63%	0.212%
88	19.445	2746	2750	2758	rBV5	29723	75973	2.99%	0.241%
89	19.568	2765	2771	2777	rVB	592320	831770	32.78%	2.638%
90	19.656	2782	2786	2792	rBV	185090	237425	9.36%	0.753%
91	19.897	2821	2827	2838	rBV3	1241722	2537229	100.00%	8.046%
92	21.419	3082	3086	3091	rBV2	146060	233500	9.20%	0.740%
93	21.795	3142	3150	3156	rBV3	1064460	2196765	86.58%	6.967%
94	21.848	3156	3159	3167	rVB	216473	321658	12.68%	1.020%
95	24.057	3529	3535	3543	rBV2	119061	371267	14.63%	1.177%
96	24.163	3549	3553	3560	rVB	195800	388257	15.30%	1.231%
97	24.886	3668	3676	3683	rBV2	525264	1373991	54.15%	4.357%
98	25.115	3706	3715	3743	rVB4	608854	2459272	96.93%	7.799%
99	26.325	3914	3921	3933	rVB2	320448	962881	37.95%	3.054%
100	27.741	4155	4162	4176	rVB2	223838	730433	28.79%	2.316%

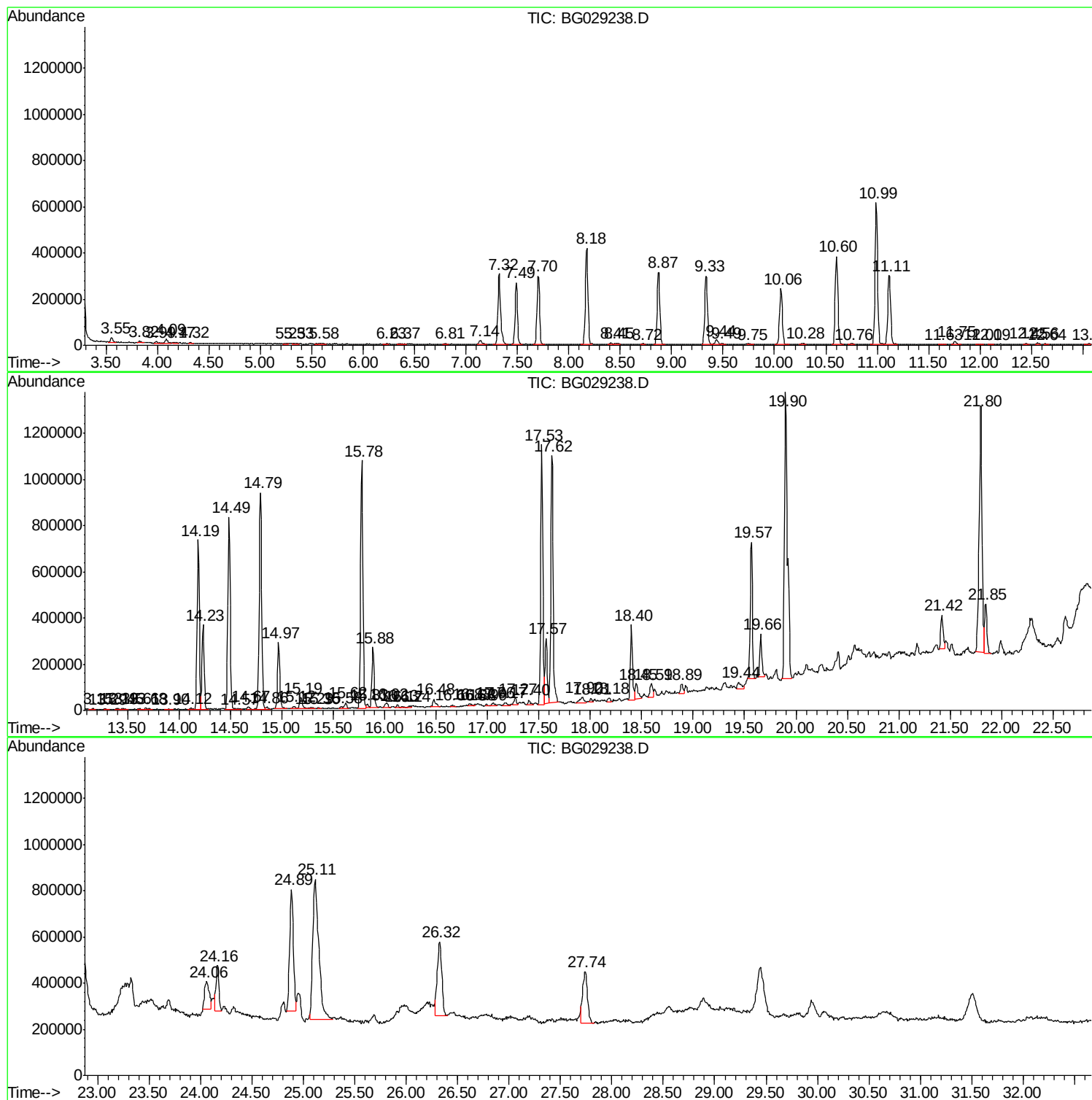
Sum of corrected areas: 31532838

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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



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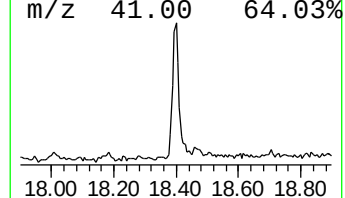
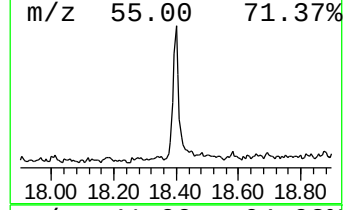
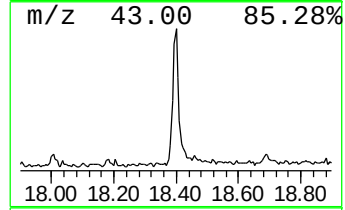
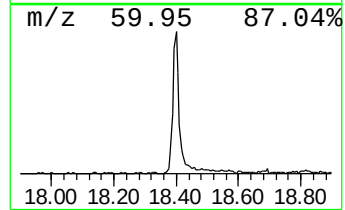
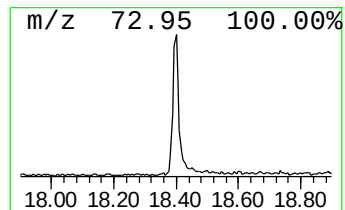
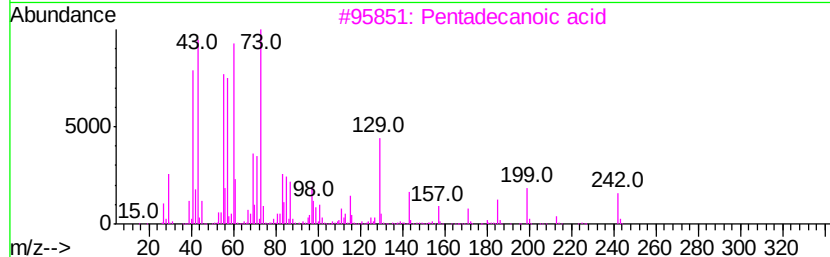
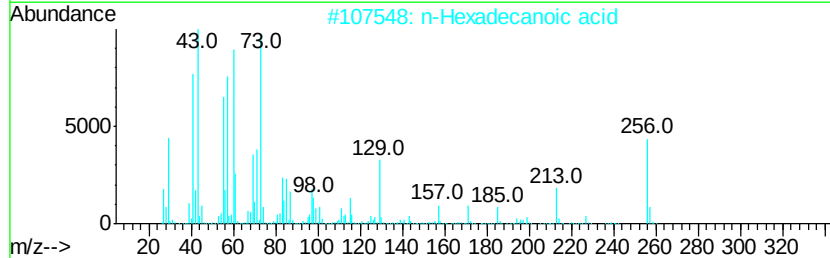
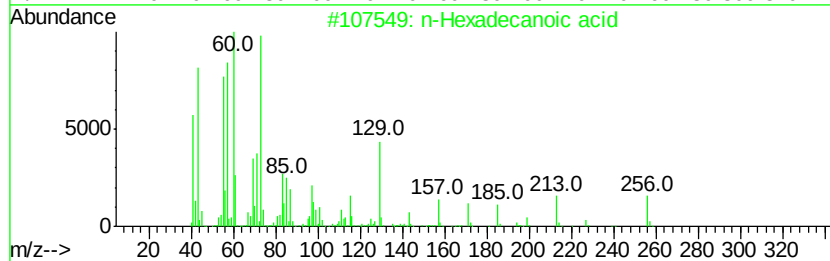
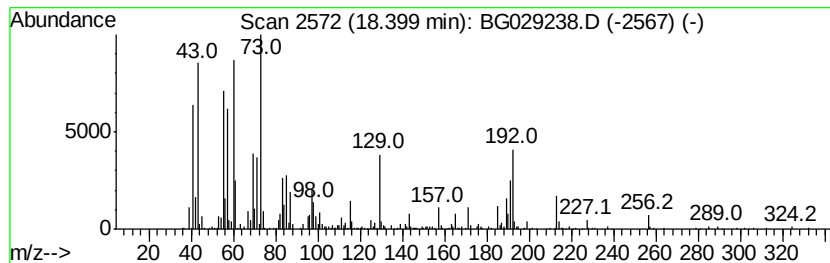
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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.		
18.40	5.30 ng/ul	463287	Phenanthrene-d10	17.53		
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		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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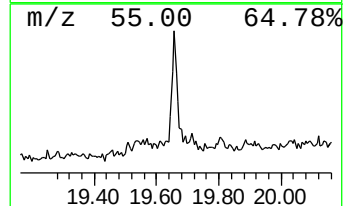
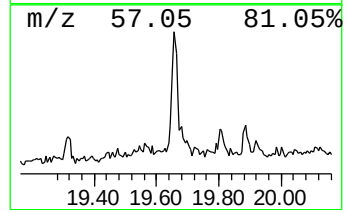
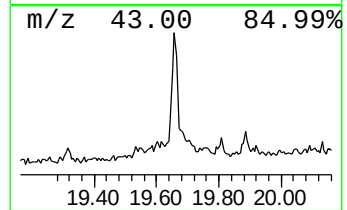
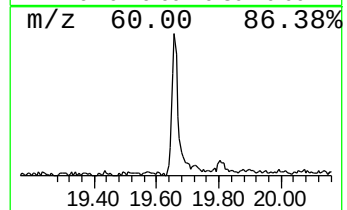
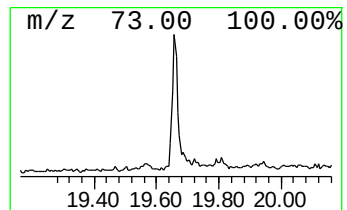
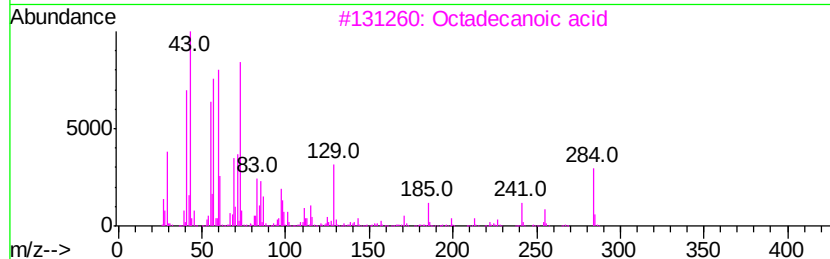
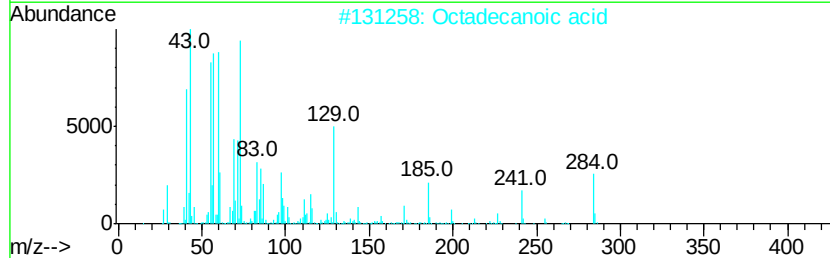
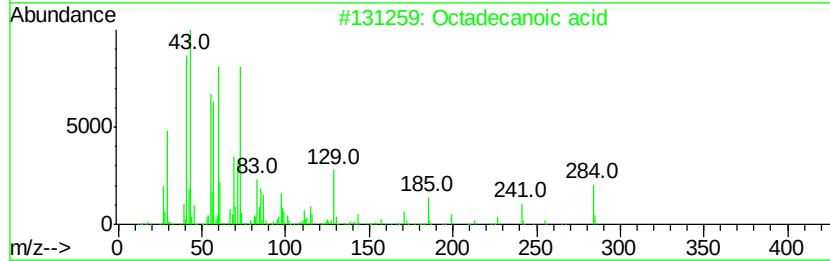
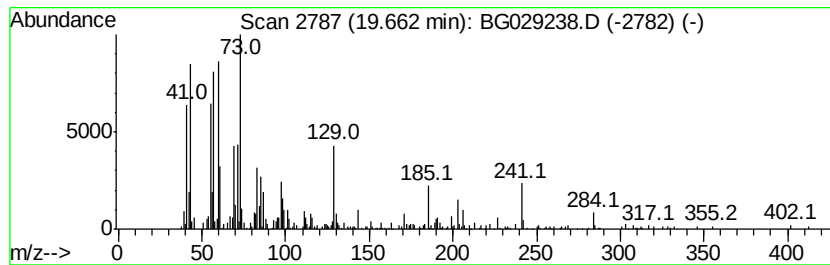
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	2.71 ng/ul	237425	Phenanthrene-d10	17.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64	



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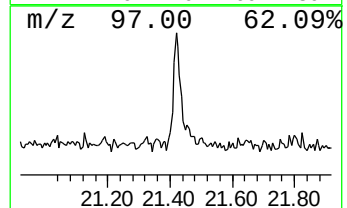
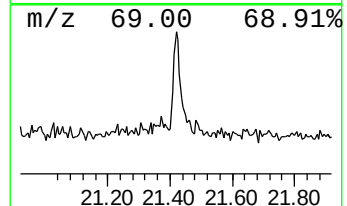
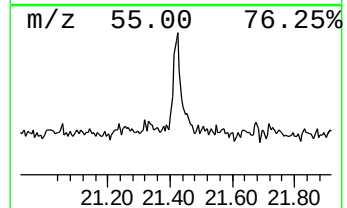
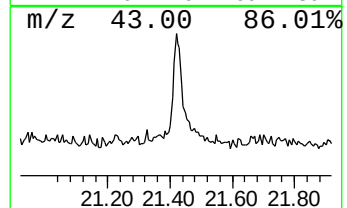
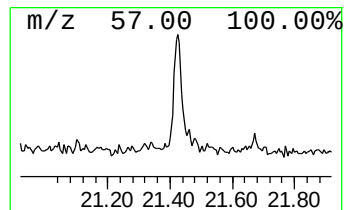
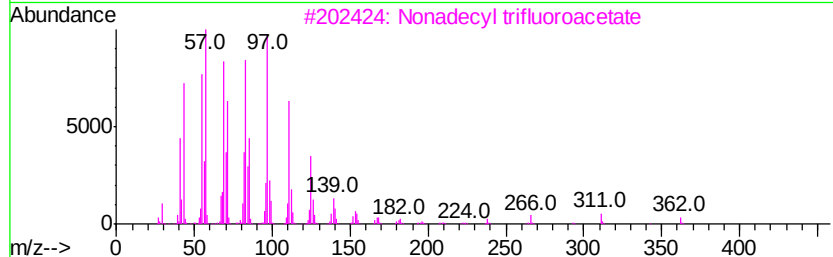
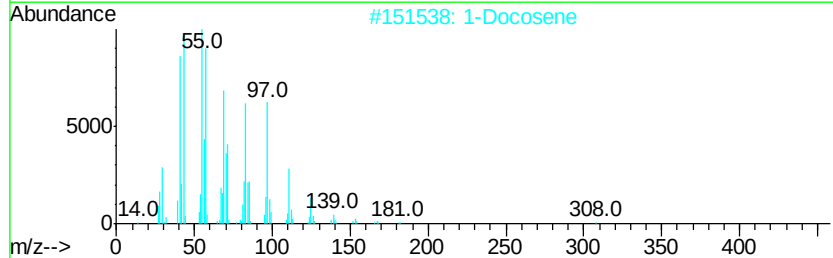
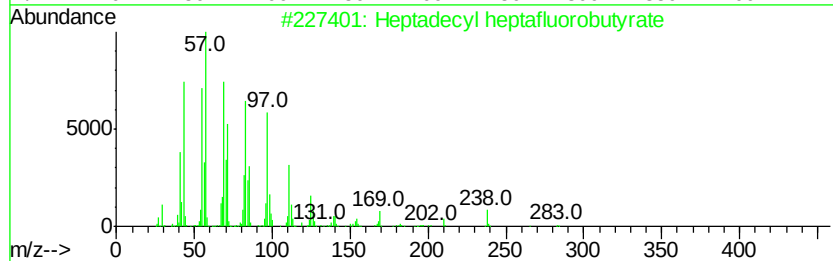
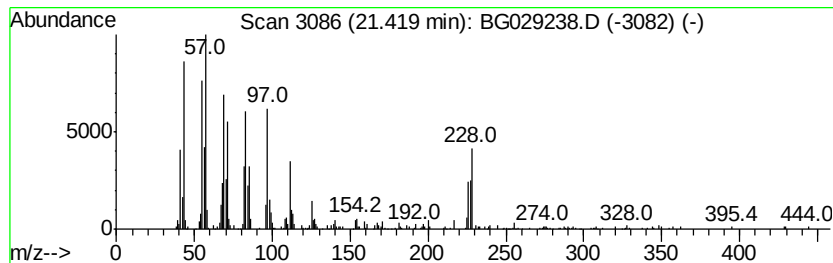
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.13 ng/ul	233500	Chrysene-d12	21.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
2		1-Docosene	308	C22H44	001599-67-3	70
3		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	64
4		Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	64
5		2,6,10,14-Tetramethyl-7-(3-methy...	348	C25H48	1000370-41-6	62



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Acq On : 15 Oct 2017 00:54
Operator : SJ/JU
Sample : I5548-09
Misc :
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Instrument :
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ClientSampleId :
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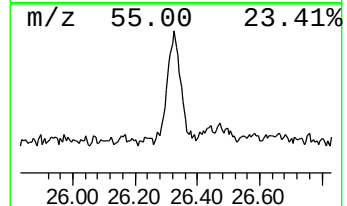
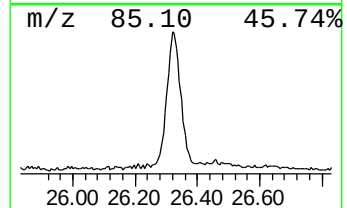
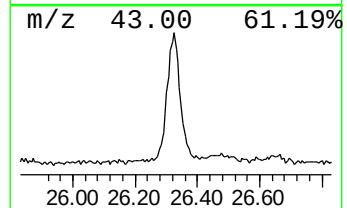
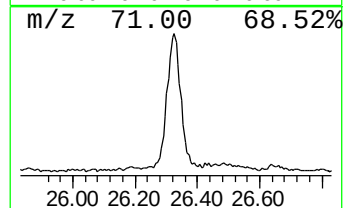
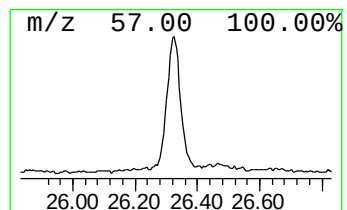
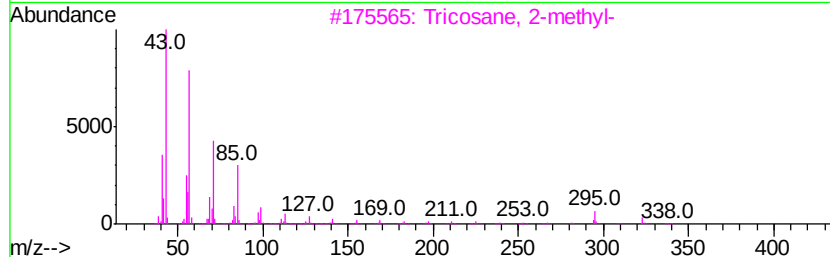
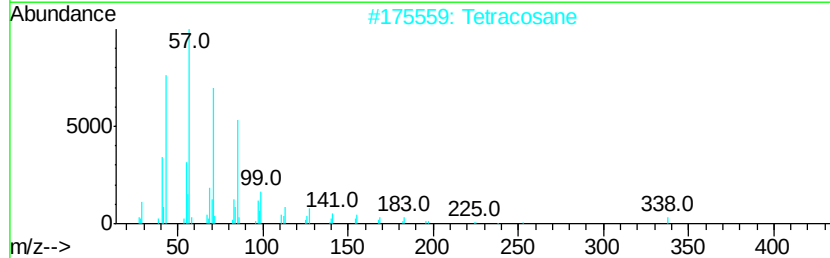
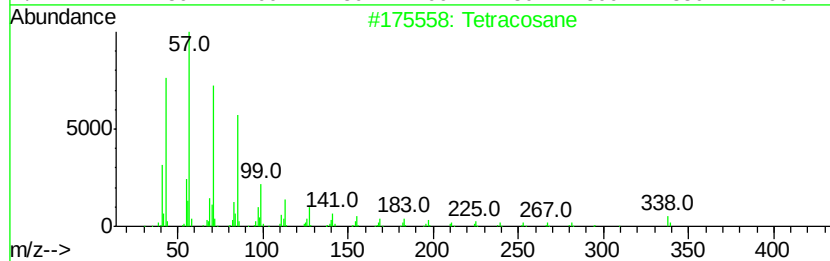
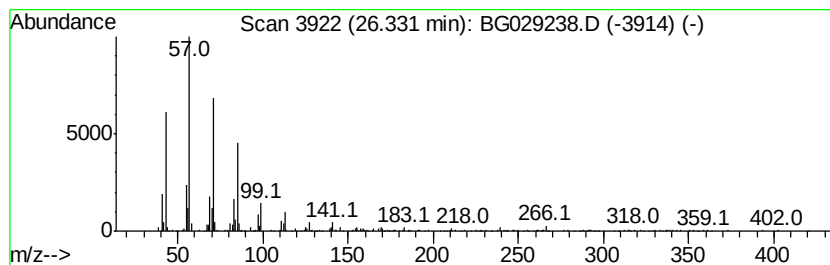
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.33	7.83 ng/ul	962881	Perylene-d12	25.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	95
2			Tetracosane	338	C24H50	000646-31-1	95
3			Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
4			Hexatriacontane	507	C36H74	000630-06-8	87
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029238.D
Acq On : 15 Oct 2017 00:54
Operator : SJ/JU
Sample : I5548-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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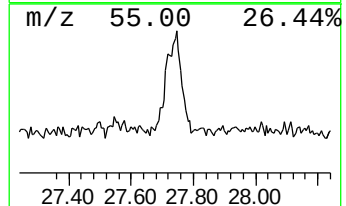
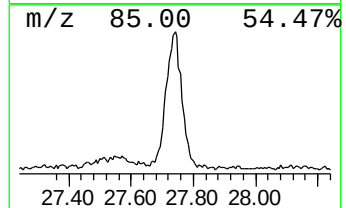
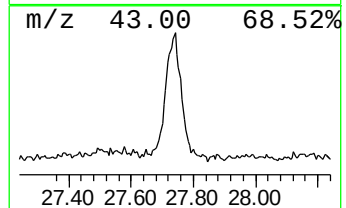
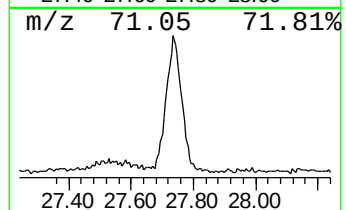
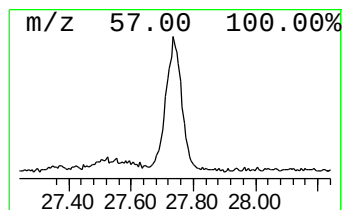
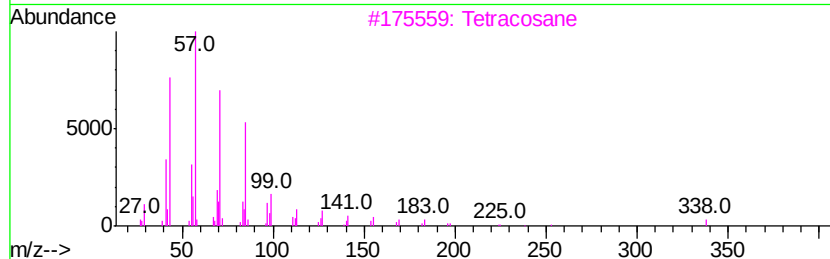
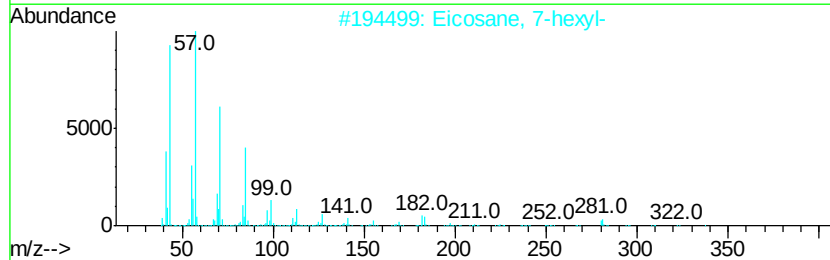
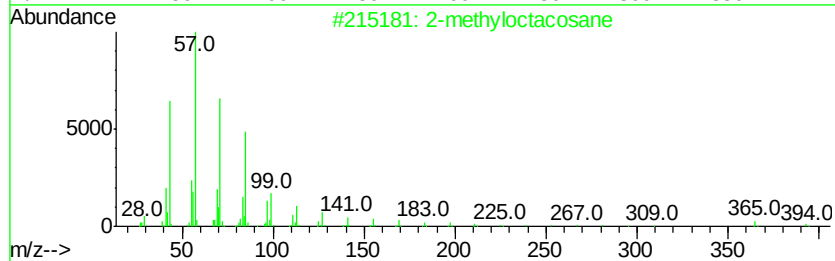
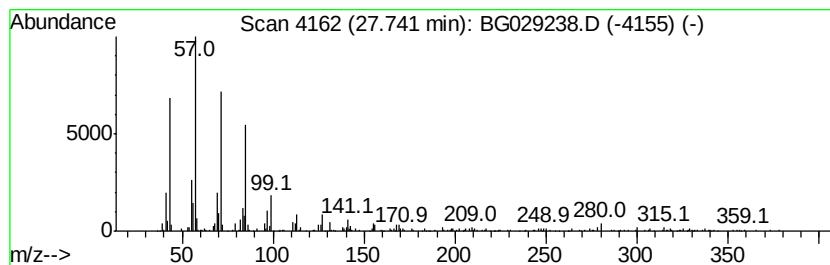
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.74	5.94 ng/ul	730433	Perylene-d12	25.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	87
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heptadecane	240	C17H36	000629-78-7	83
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG101517\
Data File : BG029238.D
Acq On : 15 Oct 2017 00:54
Operator : SJ/JU
Sample : I5548-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.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	18.40	5.3	ng/ul	463287	4	17.53	1749200	20.0
Octadecanoic acid	19.66	2.7	ng/ul	237425	4	17.53	1749200	20.0
Heptadecyl heptaf...	21.42	2.1	ng/ul	233500	5	21.80	2196770	20.0
(DEL) Alkane: Str...	26.33	7.8	ng/ul	962881	6	25.11	2459270	20.0
(DEL) Alkane: Str...	27.74	5.9	ng/ul	730433	6	25.11	2459270	20.0