

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
 Data File : BG027056.D
 Acq On : 22 May 2017 13:38
 Operator : SJ/MA
 Sample : I3211-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EME-BF004-01

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-BG042717.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	3.430	53	58	67	rVB	52041	85540	3.04%	0.220%
2	4.135	171	178	181	rBV7	3914	8772	0.31%	0.023%
3	4.458	229	233	237	rBV6	2950	5929	0.21%	0.015%
4	5.110	340	344	351	rVV7	2849	5118	0.18%	0.013%
5	5.293	371	375	380	rVB5	2375	4907	0.17%	0.013%
6	5.522	406	414	418	rBV5	3481	5794	0.21%	0.015%
7	6.215	527	532	537	rVB4	4415	8196	0.29%	0.021%
8	7.073	670	678	691	rBV9	8636	35829	1.27%	0.092%
9	7.190	691	698	713	rBV	484828	980793	34.90%	2.517%
10	7.331	715	722	736	rVV	457340	765679	27.25%	1.965%
11	7.431	736	739	743	rVB4	3962	5311	0.19%	0.014%
12	7.549	750	759	776	rBV	540459	990859	35.26%	2.543%
13	8.007	826	837	850	rBV	598524	1028208	36.59%	2.639%
14	8.307	882	888	896	rBV6	7682	16707	0.59%	0.043%
15	8.653	938	947	950	rBV6	2104	5073	0.18%	0.013%
16	8.724	950	959	979	rBV	658972	1283644	45.68%	3.294%
17	8.906	985	990	1000	rVB4	3415	9128	0.32%	0.023%
18	9.164	1026	1034	1054	rVV	502992	941089	33.49%	2.415%
19	9.323	1054	1061	1072	rVV5	18529	56949	2.03%	0.146%
20	9.394	1072	1073	1080	rVV3	4772	6250	0.22%	0.016%
21	9.570	1099	1103	1109	rVB4	5166	9582	0.34%	0.025%
22	9.887	1146	1157	1174	rBV	412696	784330	27.91%	2.013%
23	10.439	1240	1251	1272	rBV	593531	1249252	44.45%	3.206%
24	10.580	1272	1275	1278	rVB3	3863	5563	0.20%	0.014%
25	10.810	1302	1314	1327	rBV	944401	1713571	60.97%	4.398%
26	10.945	1329	1337	1364	rVB	493270	1001654	35.64%	2.571%
27	12.061	1521	1527	1536	rBV4	6196	11434	0.41%	0.029%
28	12.214	1547	1553	1558	rBV3	2699	6928	0.25%	0.018%
29	12.390	1578	1583	1591	rVB4	11735	20939	0.75%	0.054%
30	12.772	1643	1648	1652	rBV4	4149	5434	0.19%	0.014%
31	13.013	1683	1689	1690	rBV5	3185	4782	0.17%	0.012%
32	13.224	1719	1725	1732	rBV5	6746	13268	0.47%	0.034%
33	13.324	1737	1742	1745	rBV5	3722	7350	0.26%	0.019%
34	13.436	1757	1761	1766	rVB6	3479	5386	0.19%	0.014%

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35	14.018	1852	1860	1865	rVV	1129267	1744198	62.06%	4.476%
36	14.065	1865	1868	1877	rVV	519737	738716	26.29%	1.896%
37	14.129	1877	1879	1889	rVV5	4368	8244	0.29%	0.021%
38	14.317	1901	1911	1929	rBV	1408255	2319423	82.53%	5.952%
39	14.505	1937	1943	1951	rVB	19472	30758	1.09%	0.079%
40	14.623	1951	1963	1976	rBV2	1296525	2111578	75.14%	5.419%
41	14.852	1991	2002	2025	rBV2	221341	634258	22.57%	1.628%
42	15.063	2031	2038	2042	rVV8	5544	13096	0.47%	0.034%
43	15.116	2042	2047	2055	rVB9	6553	12727	0.45%	0.033%
44	15.193	2056	2060	2067	rVV7	5630	8383	0.30%	0.022%
45	15.340	2080	2085	2090	rVB8	3425	6149	0.22%	0.016%
46	15.398	2090	2095	2098	rBV	11603	15219	0.54%	0.039%
47	15.451	2100	2104	2109	rVB	45792	55522	1.98%	0.142%
48	15.516	2109	2115	2119	rBV7	3829	9007	0.32%	0.023%
49	15.610	2119	2131	2147	rVV	1750334	2664153	94.80%	6.837%
50	15.739	2148	2153	2165	rBV	320527	514404	18.30%	1.320%
51	15.845	2165	2171	2178	rVB4	30061	57504	2.05%	0.148%
52	15.951	2185	2189	2194	rVB6	8039	10450	0.37%	0.027%
53	16.004	2194	2198	2203	rVB7	10391	12906	0.46%	0.033%
54	16.068	2205	2209	2215	rVB4	8073	11956	0.43%	0.031%
55	16.186	2226	2229	2232	rVB5	5841	7489	0.27%	0.019%
56	16.227	2232	2236	2240	rBV6	4231	9511	0.34%	0.024%
57	16.309	2245	2250	2262	rBV	63499	115972	4.13%	0.298%
58	16.438	2268	2272	2275	rVB5	4208	5957	0.21%	0.015%
59	16.491	2275	2281	2284	rBV6	6366	11178	0.40%	0.029%
60	16.562	2288	2293	2299	rBV9	4970	11916	0.42%	0.031%
61	16.650	2299	2308	2316	rVV10	9995	23438	0.83%	0.060%
62	16.714	2316	2319	2322	rVB5	5487	5390	0.19%	0.014%
63	16.756	2322	2326	2331	rBV7	11350	22082	0.79%	0.057%
64	16.814	2331	2336	2340	rVB5	6873	10925	0.39%	0.028%
65	16.879	2344	2347	2351	rBV5	5870	8257	0.29%	0.021%
66	17.096	2375	2384	2388	rBV	52665	76564	2.72%	0.196%
67	17.143	2388	2392	2403	rVB3	18054	33298	1.18%	0.085%
68	17.255	2407	2411	2415	rVB7	5263	8693	0.31%	0.022%
69	17.355	2419	2428	2437	rBV2	1428793	2158182	76.80%	5.539%
70	17.455	2437	2445	2454	rVV2	1737638	2653751	94.43%	6.810%
71	17.637	2472	2476	2482	rBV9	6253	10065	0.36%	0.026%

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72	17.743	2492	2494	2500	rBV6	5103	5161	0.18%	0.013%
73	17.831	2504	2509	2515	rVB	25938	36000	1.28%	0.092%
74	17.884	2515	2518	2521	rVB4	4019	5357	0.19%	0.014%
75	17.919	2521	2524	2526	rBV4	5154	5062	0.18%	0.013%
76	18.001	2534	2538	2544	rBV2	17177	24013	0.85%	0.062%
77	18.113	2551	2557	2561	rBV6	9442	18681	0.66%	0.048%
78	18.230	2571	2577	2587	rBV2	212163	366248	13.03%	0.940%
79	18.524	2623	2627	2633	rBV9	10648	20102	0.72%	0.052%
80	18.589	2635	2638	2644	rVB8	6326	11588	0.41%	0.030%
81	18.647	2645	2648	2656	rVV10	10329	15969	0.57%	0.041%
82	18.877	2686	2687	2692	rBV5	3518	5251	0.19%	0.013%
83	19.076	2718	2721	2723	rBV4	5469	5747	0.20%	0.015%
84	19.147	2729	2733	2738	rBV8	11268	20666	0.74%	0.053%
85	19.376	2766	2772	2778	rBV2	26859	51773	1.84%	0.133%
86	19.499	2786	2793	2801	rBV3	52623	108875	3.87%	0.279%
87	19.629	2811	2815	2823	rVB	20593	39477	1.40%	0.101%
88	19.734	2827	2833	2845	rBV2	1939878	2810303	100.00%	7.212%
89	21.333	3102	3105	3122	rVB2	36605	135229	4.81%	0.347%
90	21.603	3144	3151	3165	rVB	1289395	2166756	77.10%	5.561%
91	22.361	3277	3280	3284	rBV5	20013	33447	1.19%	0.086%
92	22.425	3287	3291	3297	rVB9	28897	49826	1.77%	0.128%
93	23.031	3388	3394	3402	rVB4	72619	169490	6.03%	0.435%
94	23.224	3421	3427	3436	rVB	140643	257855	9.18%	0.662%
95	23.818	3523	3528	3539	rVB3	70214	139443	4.96%	0.358%
96	24.558	3644	3654	3675	rBV2	753453	2497601	88.87%	6.410%
97	24.776	3679	3691	3712	rBV	573476	1970383	70.11%	5.057%
98	25.833	3864	3871	3882	rVB3	89950	255215	9.08%	0.655%
99	27.149	4087	4095	4106	rVB4	82287	267960	9.53%	0.688%
100	28.742	4358	4366	4380	rVB5	61146	231666	8.24%	0.595%

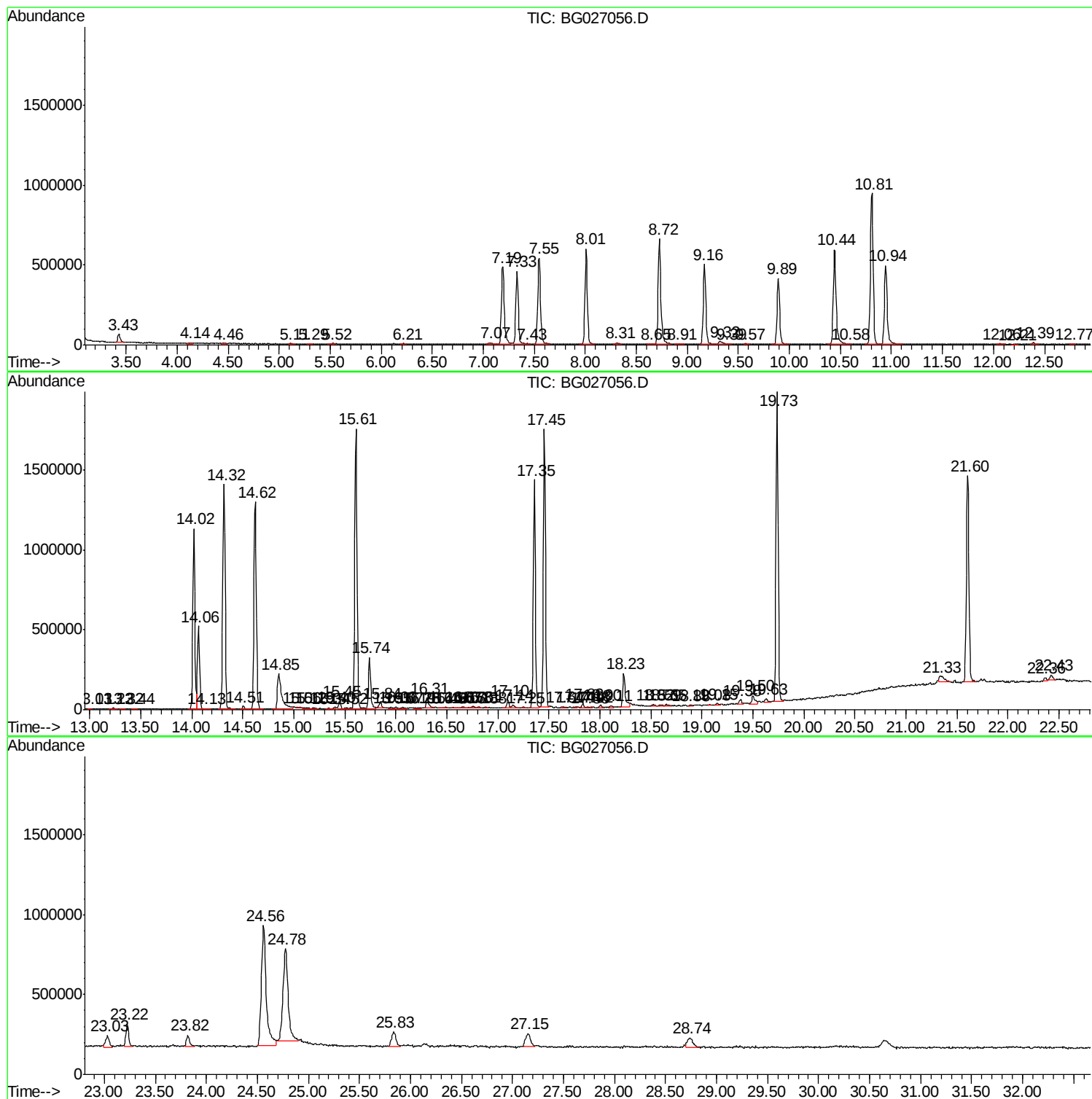
Sum of corrected areas: 38965711

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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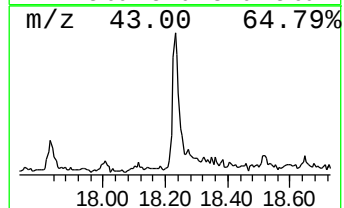
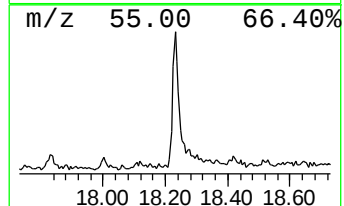
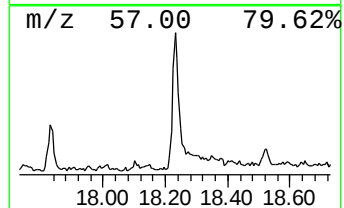
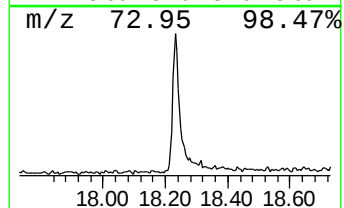
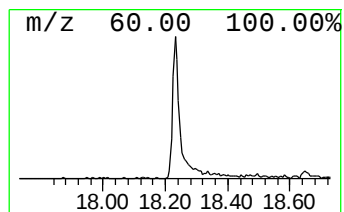
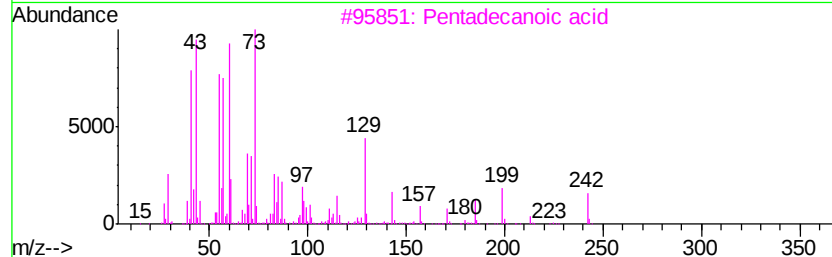
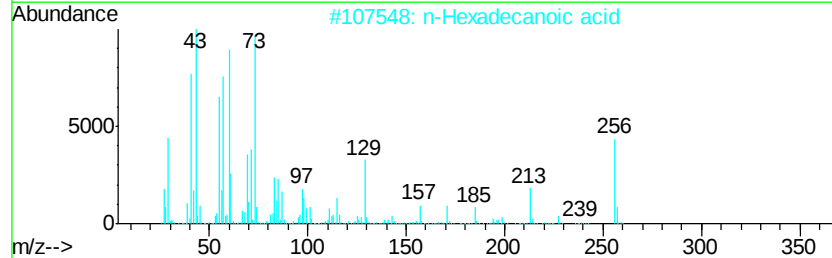
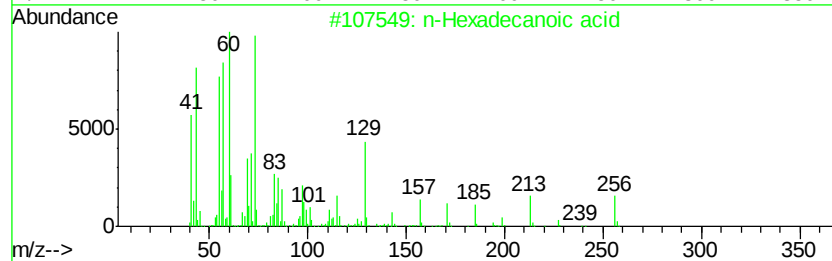
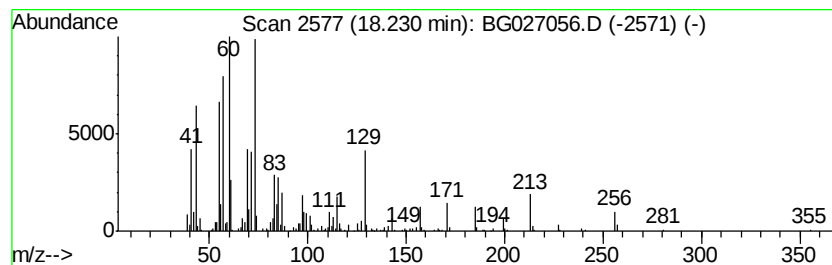
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.39 ng/ul	366248	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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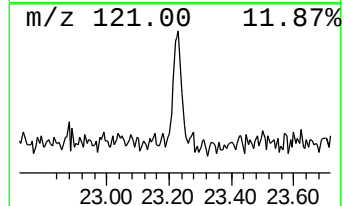
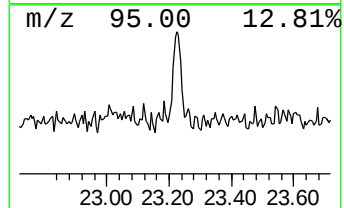
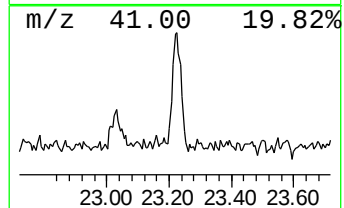
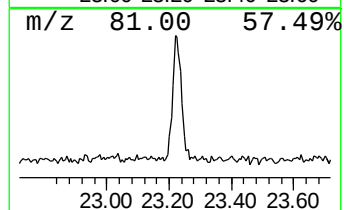
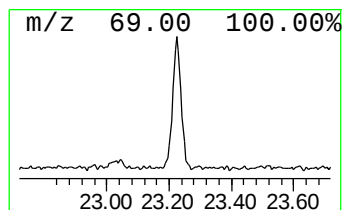
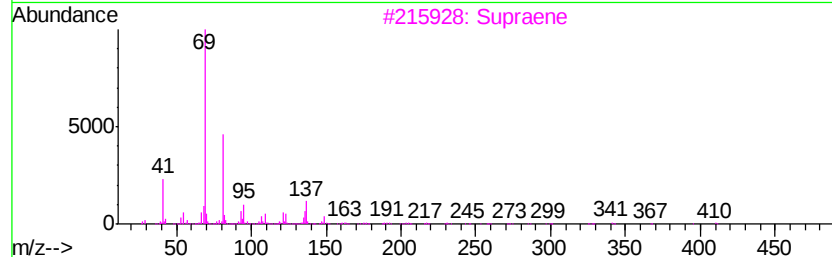
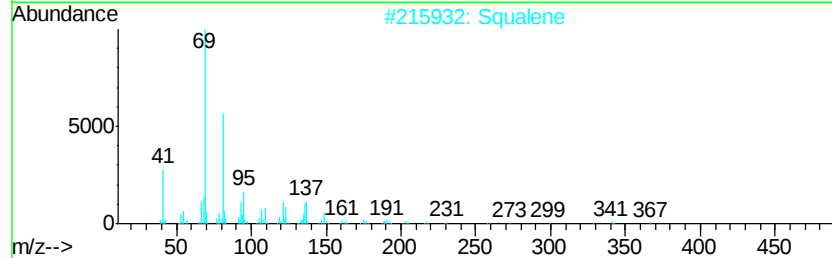
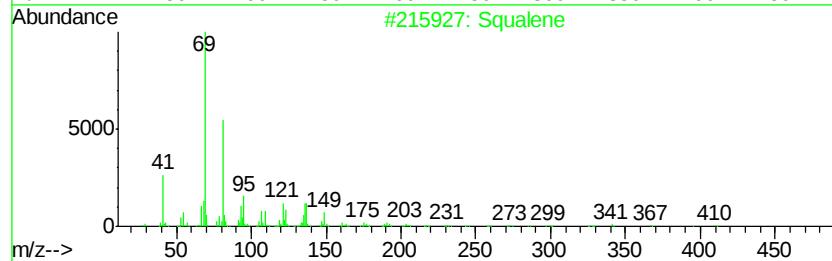
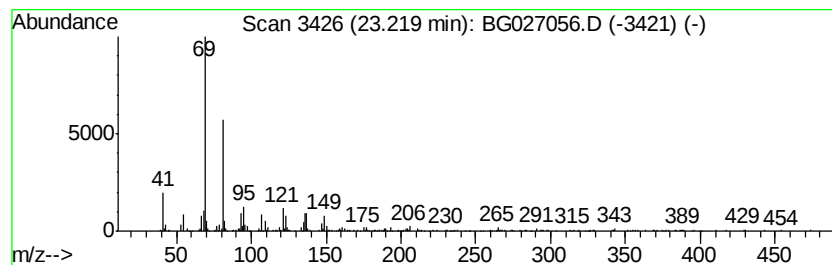
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	2.62 ng/ul	257855	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	90
2		Squalene	410	C30H50	000111-02-4	90
3		Supraene	410	C30H50	007683-64-9	90
4		Squalene	410	C30H50	000111-02-4	90
5		Squalene	410	C30H50	000111-02-4	86



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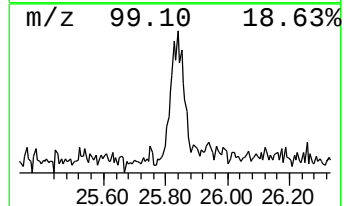
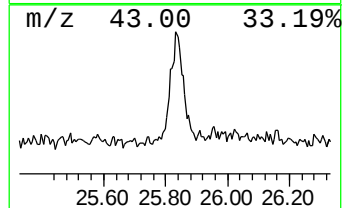
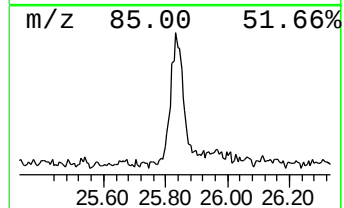
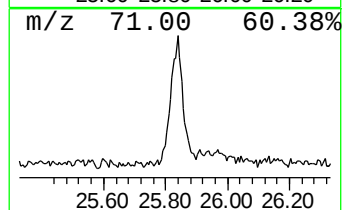
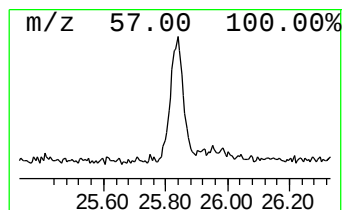
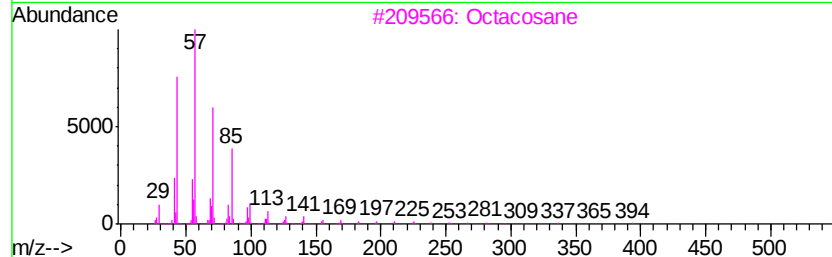
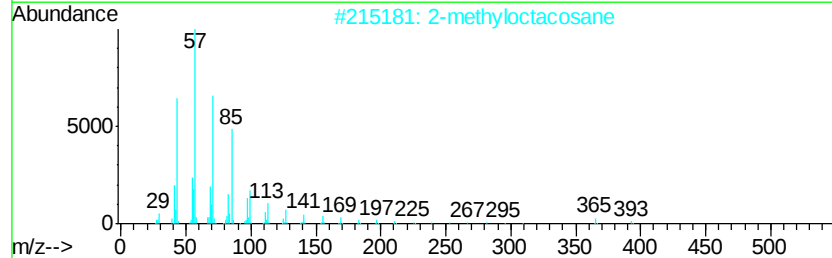
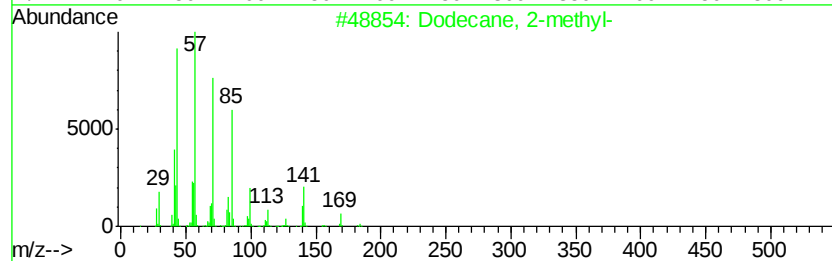
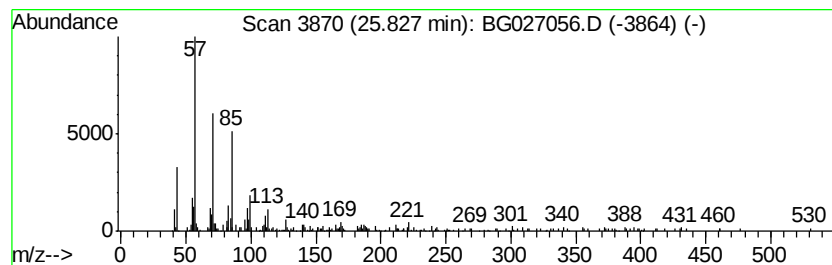
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	2.59 ng/ul	255215	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	89
2		2-methyloctacosane	408	C29H60	1000376-72-8	76
3		Octacosane	394	C28H58	000630-02-4	68
4		Octadecane	254	C18H38	000593-45-3	64
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	64



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Data File : BG027056.D
Acq On : 22 May 2017 13:38
Operator : SJ/MA
Sample : I3211-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF004-01

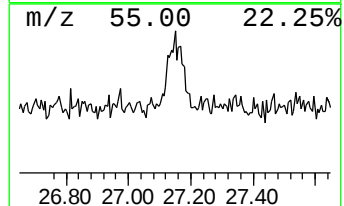
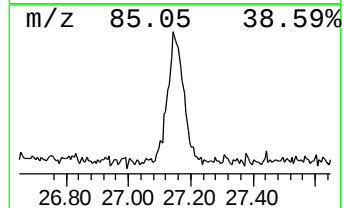
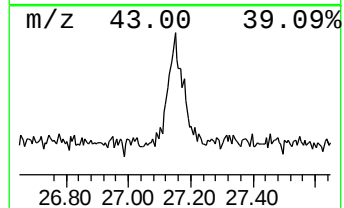
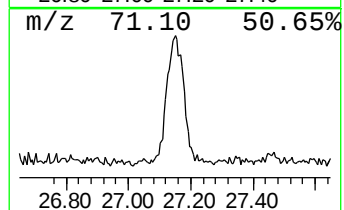
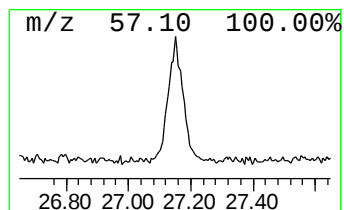
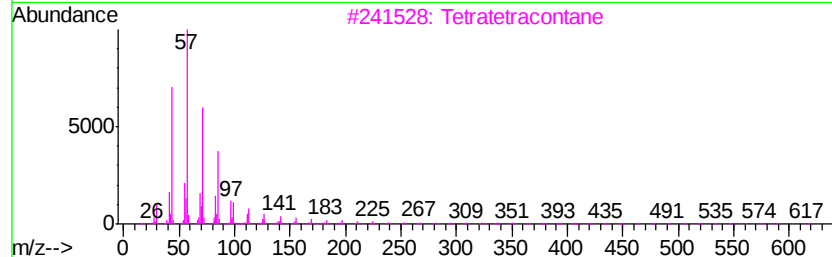
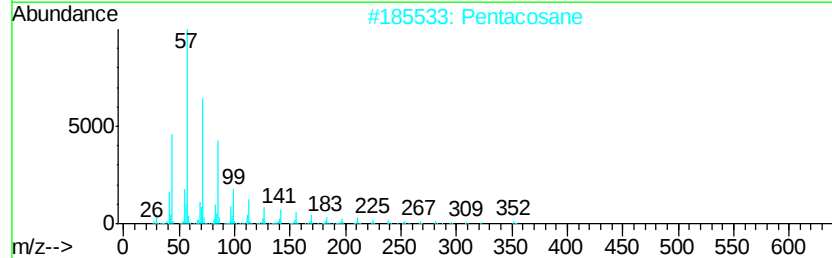
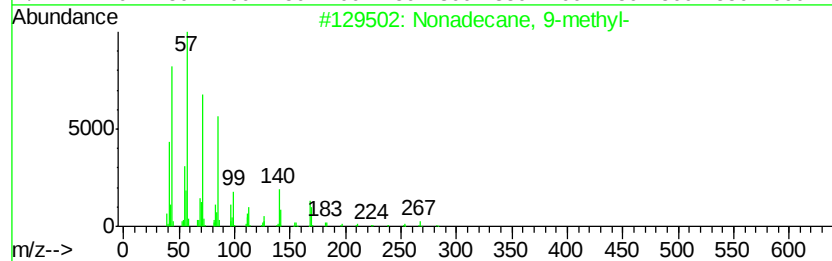
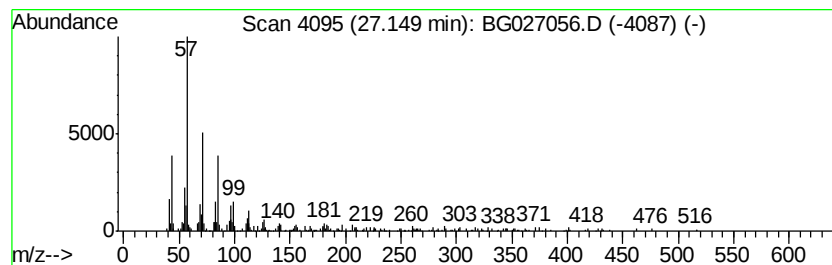
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.72 ng/ul	267960	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Pentacosane	352	C25H52	000629-99-2	90
3		Tetratetracontane	619	C44H90	007098-22-8	81
4		Heneicosane	296	C21H44	000629-94-7	81
5		Hexacosane	366	C26H54	000630-01-3	81



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Acq On : 22 May 2017 13:38
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Sample : I3211-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF004-01

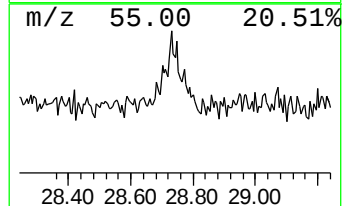
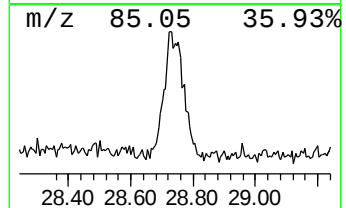
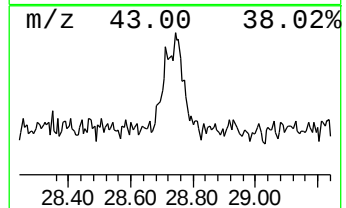
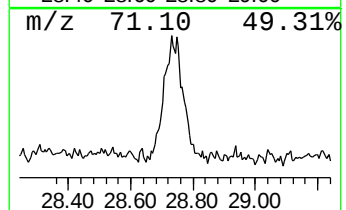
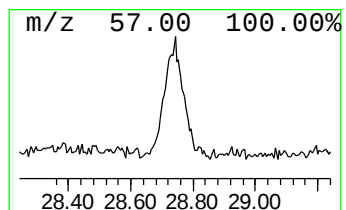
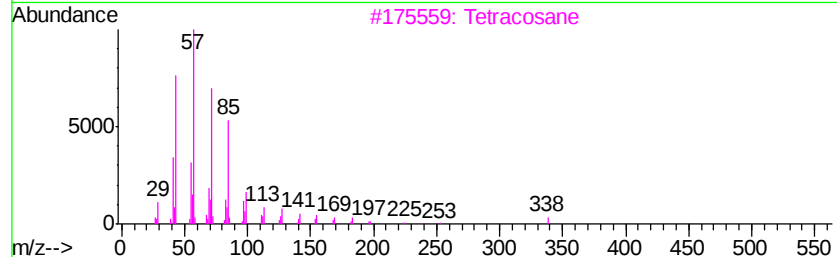
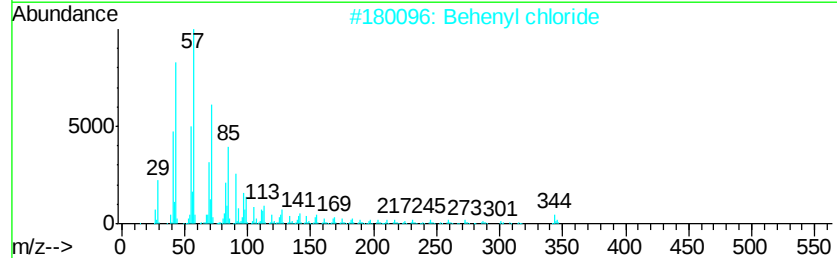
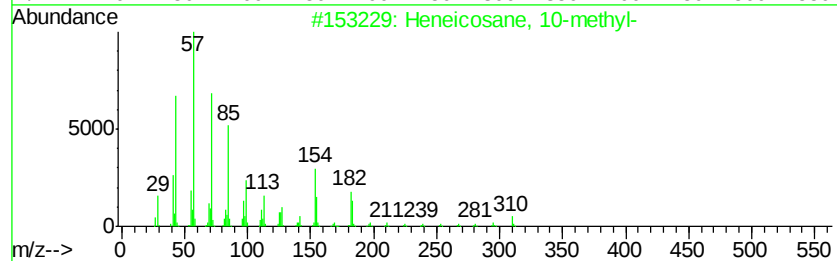
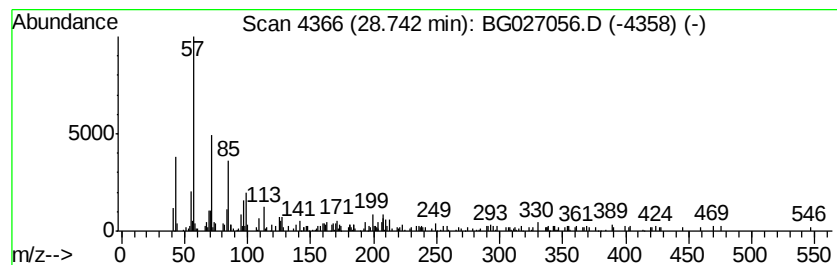
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.74	2.35 ng/ul	231666	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	72
2		Behenyl chloride	344	C22H45Cl	042217-03-8	62
3		Tetracosane	338	C24H50	000646-31-1	62
4		Hentriacontane	437	C31H64	000630-04-6	58
5		Tetracosane	338	C24H50	000646-31-1	58



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Acq On : 22 May 2017 13:38
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Sample : I3211-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF004-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	18.23	3.4	ng/ul	366248	4	17.35	2158180	20.0
Squalene	23.22	2.6	ng/ul	257855	6	24.78	1970380	20.0
(DEL) Alkane: Str...	25.83	2.6	ng/ul	255215	6	24.78	1970380	20.0
(DEL) Alkane: Str...	27.15	2.7	ng/ul	267960	6	24.78	1970380	20.0
(DEL) Alkane: Str...	28.74	2.4	ng/ul	231666	6	24.78	1970380	20.0