

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
 Data File : BG027052.D
 Acq On : 22 May 2017 11:01
 Operator : SJ/MA
 Sample : I3211-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EME-BF001-01

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	3.429	53	58	70	rBV	55113	95015	3.27%	0.237%
2	3.617	87	90	94	rBV6	3359	6867	0.24%	0.017%
3	4.128	172	177	183	rBV7	5069	10348	0.36%	0.026%
4	4.187	183	187	191	rVV5	4905	6543	0.22%	0.016%
5	4.381	218	220	231	rVB7	2894	6773	0.23%	0.017%
6	5.509	408	412	421	rBV7	3136	10033	0.34%	0.025%
7	6.096	506	512	515	rBV6	2749	6457	0.22%	0.016%
8	6.208	526	531	540	rVB7	5144	11292	0.39%	0.028%
9	7.060	668	676	690	rVV4	11450	40719	1.40%	0.102%
10	7.189	690	698	714	rVV	501711	1001348	34.43%	2.496%
11	7.330	714	722	734	rVV	464094	764658	26.29%	1.906%
12	7.424	734	738	745	rVB4	5322	10023	0.34%	0.025%
13	7.547	750	759	775	rBV	559764	993699	34.16%	2.477%
14	7.806	795	803	810	rBV9	3039	6523	0.22%	0.016%
15	8.006	827	837	857	rVB	565432	999443	34.36%	2.492%
16	8.305	880	888	898	rBV10	8856	34671	1.19%	0.086%
17	8.376	898	900	908	rVB5	4107	7905	0.27%	0.020%
18	8.728	951	960	976	rBV	651937	1284490	44.16%	3.202%
19	9.169	1027	1035	1053	rBV	509839	938650	32.27%	2.340%
20	9.316	1053	1060	1074	rVB3	22865	59869	2.06%	0.149%
21	9.580	1099	1105	1110	rBV3	6435	11778	0.40%	0.029%
22	9.892	1148	1158	1171	rBV	433908	791637	27.22%	1.974%
23	10.203	1208	1211	1221	rVB7	3752	8148	0.28%	0.020%
24	10.444	1244	1252	1267	rBV	618972	1253713	43.10%	3.126%
25	10.632	1279	1284	1289	rVV7	3250	7300	0.25%	0.018%
26	10.808	1306	1314	1328	rBV	931825	1651880	56.79%	4.118%
27	10.943	1328	1337	1353	rBV	524314	1004019	34.52%	2.503%
28	11.343	1400	1405	1411	rVB6	3892	7267	0.25%	0.018%
29	11.402	1411	1415	1422	rVB4	3194	6761	0.23%	0.017%
30	11.631	1449	1454	1464	rBV7	3251	10385	0.36%	0.026%
31	12.066	1521	1528	1532	rBV3	6450	8927	0.31%	0.022%
32	12.389	1577	1583	1591	rBV2	13535	23328	0.80%	0.058%
33	12.671	1624	1631	1638	rBV4	3774	9226	0.32%	0.023%
34	12.929	1670	1675	1679	rBV3	4609	6502	0.22%	0.016%

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35	13.229	1717	1726	1734	rBV6	12582	33335	1.15%	0.083%
36	13.329	1734	1743	1750	rVB10	5967	18074	0.62%	0.045%
37	13.458	1762	1765	1770	rVB4	4580	7266	0.25%	0.018%
38	13.511	1770	1774	1780	rVV4	4495	7097	0.24%	0.018%
39	13.593	1780	1788	1797	rVV7	4287	11267	0.39%	0.028%
40	14.022	1849	1861	1865	rBV	1183874	1791192	61.58%	4.466%
41	14.063	1865	1868	1877	rVV	589231	860748	29.59%	2.146%
42	14.134	1877	1880	1885	rVV7	4352	7819	0.27%	0.019%
43	14.204	1885	1892	1898	rVB5	3747	7770	0.27%	0.019%
44	14.316	1900	1911	1923	rBV	1501355	2375422	81.67%	5.922%
45	14.504	1939	1943	1950	rVB2	17524	25024	0.86%	0.062%
46	14.621	1950	1963	1977	rBV2	1275356	2063705	70.95%	5.145%
47	14.851	1994	2002	2025	rBV	235590	660992	22.73%	1.648%
48	15.121	2044	2048	2052	rVB6	7860	14031	0.48%	0.035%
49	15.191	2054	2060	2065	rVB7	8633	16755	0.58%	0.042%
50	15.403	2092	2096	2097	rBV	9345	11421	0.39%	0.028%
51	15.450	2099	2104	2110	rVB3	45705	63289	2.18%	0.158%
52	15.509	2110	2114	2118	rBV6	4014	8305	0.29%	0.021%
53	15.609	2123	2131	2145	rVB	1868146	2763701	95.02%	6.890%
54	15.744	2148	2154	2166	rBV	339465	540507	18.58%	1.348%
55	15.844	2166	2171	2177	rVB5	35059	66300	2.28%	0.165%
56	15.949	2185	2189	2195	rVB9	9573	12332	0.42%	0.031%
57	16.002	2195	2198	2204	rVB7	8276	10226	0.35%	0.025%
58	16.067	2204	2209	2213	rVB5	9112	13473	0.46%	0.034%
59	16.173	2223	2227	2231	rBV7	3315	6319	0.22%	0.016%
60	16.308	2245	2250	2262	rBV	64552	112311	3.86%	0.280%
61	16.490	2275	2281	2285	rBV7	8224	13357	0.46%	0.033%
62	16.554	2289	2292	2302	rVB7	7418	17733	0.61%	0.044%
63	16.648	2302	2308	2316	rBV9	11437	35686	1.23%	0.089%
64	16.713	2316	2319	2321	rVV4	7765	7967	0.27%	0.020%
65	16.748	2321	2325	2333	rVV10	12363	27088	0.93%	0.068%
66	16.819	2333	2337	2343	rVB7	8895	12624	0.43%	0.031%
67	16.872	2343	2346	2351	rBV5	5858	8661	0.30%	0.022%
68	17.095	2379	2384	2388	rBV	52414	65395	2.25%	0.163%
69	17.142	2390	2392	2398	rVB4	19516	29574	1.02%	0.074%
70	17.254	2408	2411	2417	rVB6	8079	11865	0.41%	0.030%
71	17.359	2418	2429	2438	rBV	1387658	2108447	72.49%	5.257%

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72	17.453	2438	2445	2453	rVB2	1721641	2767467	95.15%	6.900%
73	17.571	2463	2465	2471	rVB6	7044	8204	0.28%	0.020%
74	17.630	2471	2475	2483	rBV9	7796	19000	0.65%	0.047%
75	17.753	2491	2496	2500	rBV8	6059	11756	0.40%	0.029%
76	17.829	2504	2509	2518	rVB2	29519	41337	1.42%	0.103%
77	17.947	2525	2529	2534	rBV7	4171	9156	0.31%	0.023%
78	18.006	2534	2539	2545	rVB	34266	45947	1.58%	0.115%
79	18.111	2551	2557	2561	rBV8	14535	29332	1.01%	0.073%
80	18.229	2571	2577	2587	rBV	190329	332341	11.43%	0.829%
81	18.305	2587	2590	2599	rVB	21906	42022	1.44%	0.105%
82	18.523	2622	2627	2632	rBV7	11458	19070	0.66%	0.048%
83	18.646	2646	2648	2652	rVB4	10641	10896	0.37%	0.027%
84	18.864	2682	2685	2686	rBV3	9080	8380	0.29%	0.021%
85	19.081	2720	2722	2724	rBV3	6539	8078	0.28%	0.020%
86	19.146	2731	2733	2734	rBV2	8539	6907	0.24%	0.017%
87	19.169	2735	2737	2741	rVB5	8485	8796	0.30%	0.022%
88	19.381	2766	2773	2776	rBV3	32958	66521	2.29%	0.166%
89	19.498	2787	2793	2803	rBV8	51720	120303	4.14%	0.300%
90	19.627	2811	2815	2822	rVB3	23307	44551	1.53%	0.111%
91	19.739	2826	2834	2845	rBV	2069576	2908588	100.00%	7.251%
92	19.956	2868	2871	2877	rBV7	16874	24886	0.86%	0.062%
93	21.607	3144	3152	3165	rBV	1270587	2124163	73.03%	5.296%
94	23.023	3386	3393	3406	rBV2	359841	781657	26.87%	1.949%
95	23.223	3421	3427	3440	rVB	252393	505504	17.38%	1.260%
96	23.817	3524	3528	3537	rVB2	73489	157551	5.42%	0.393%
97	24.563	3645	3655	3675	rBV2	792754	2592783	89.14%	6.464%
98	24.774	3680	3691	3711	rVB2	551815	1920106	66.02%	4.787%
99	25.844	3865	3873	3880	rVB3	93193	237370	8.16%	0.592%
100	27.160	4089	4097	4110	rVB4	88430	314880	10.83%	0.785%

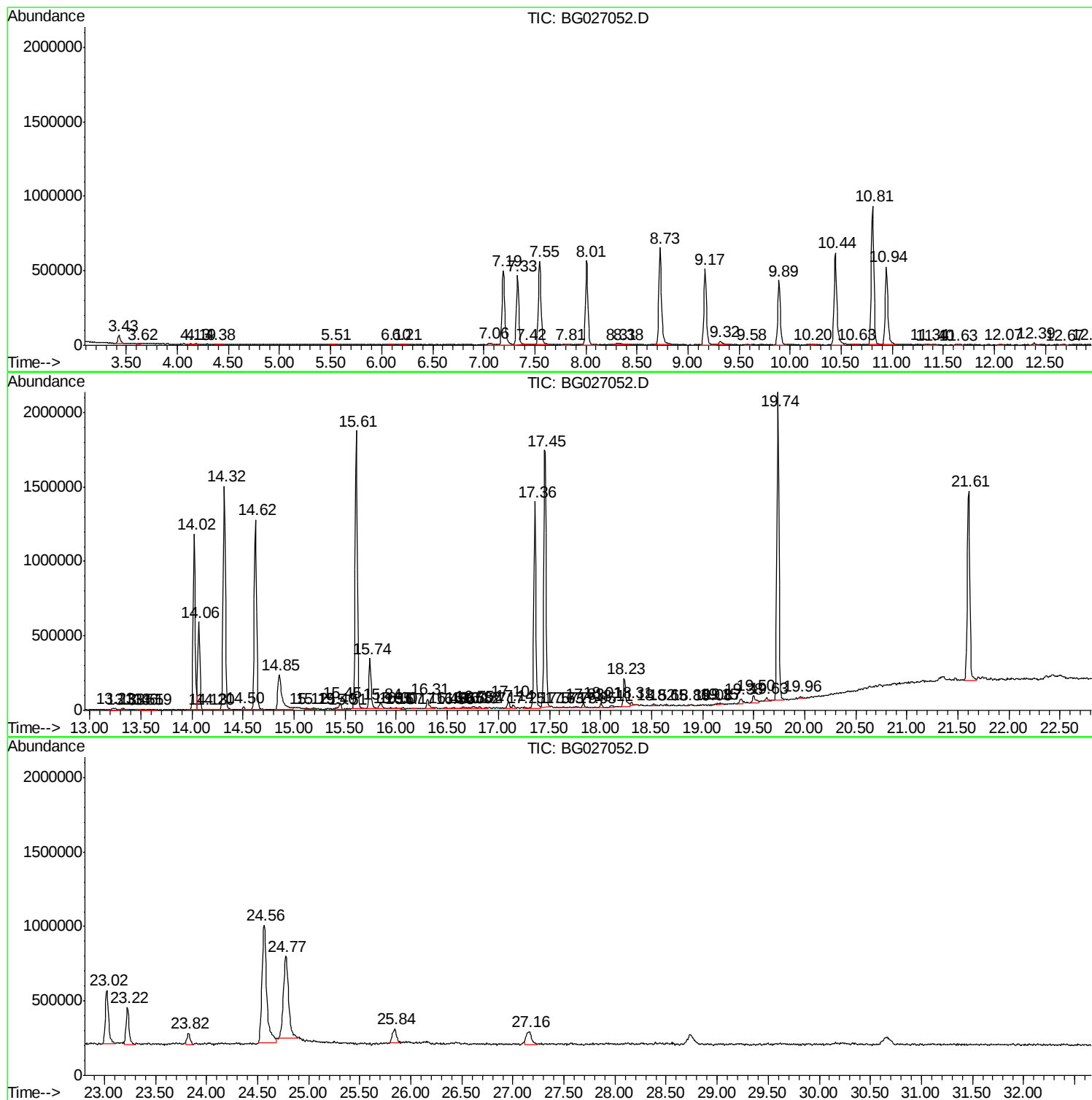
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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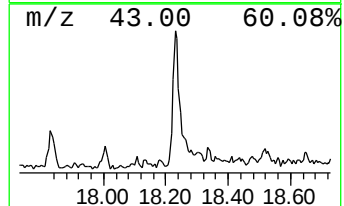
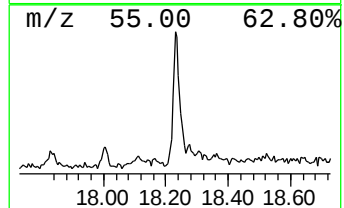
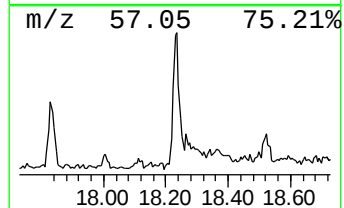
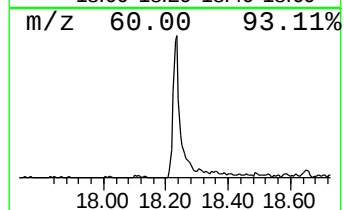
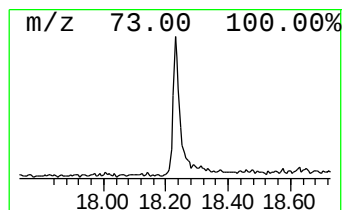
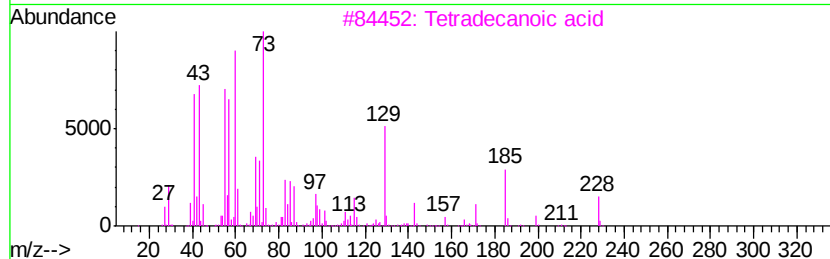
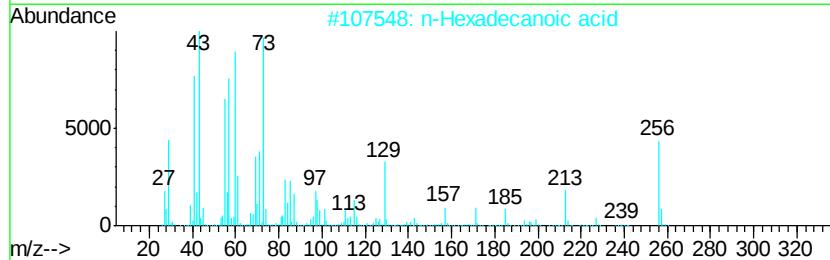
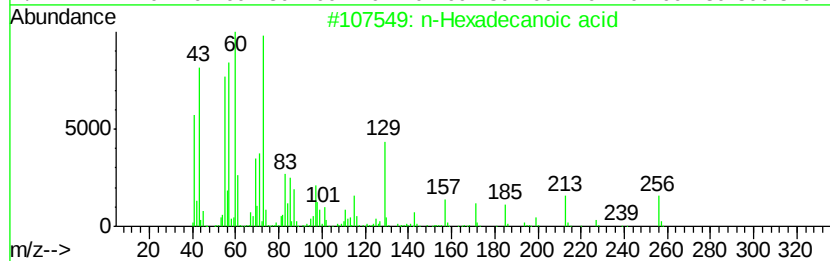
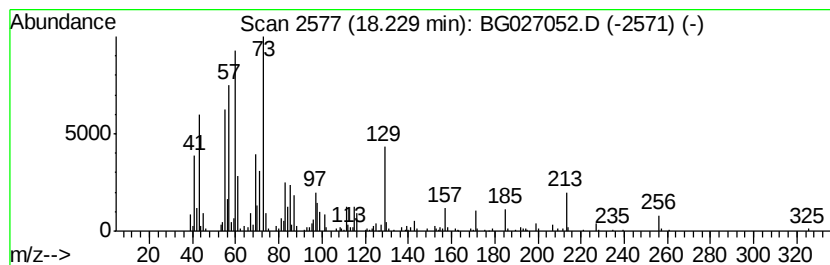
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.15 ng/ul	332341	Phenanthrene-d10	17.36

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	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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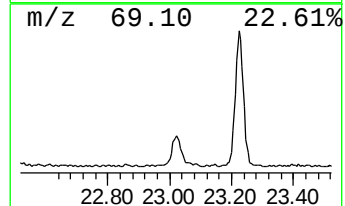
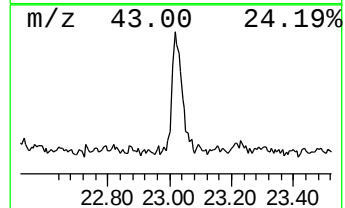
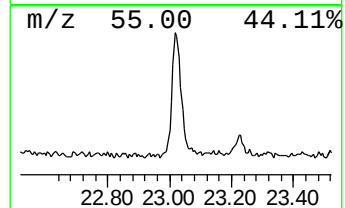
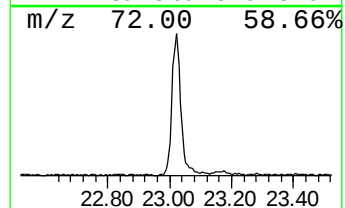
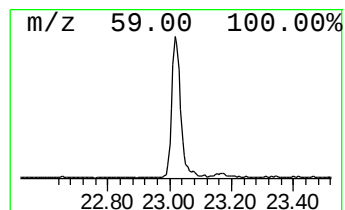
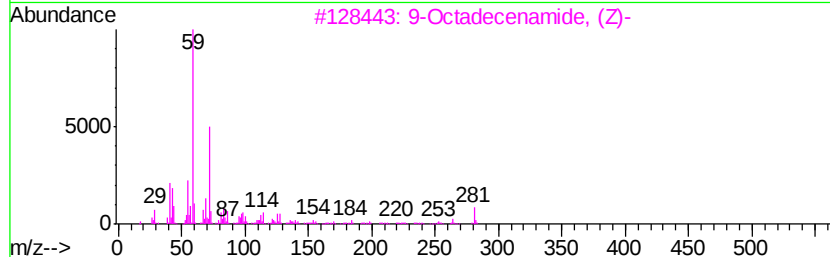
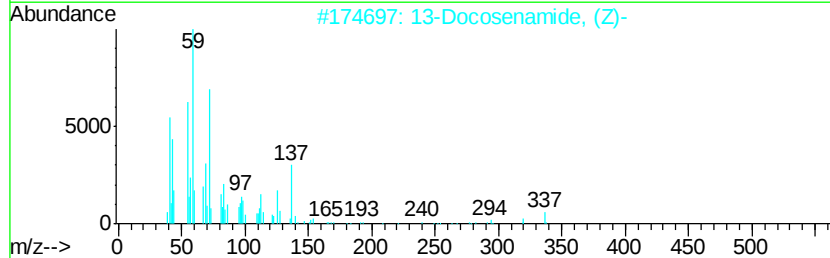
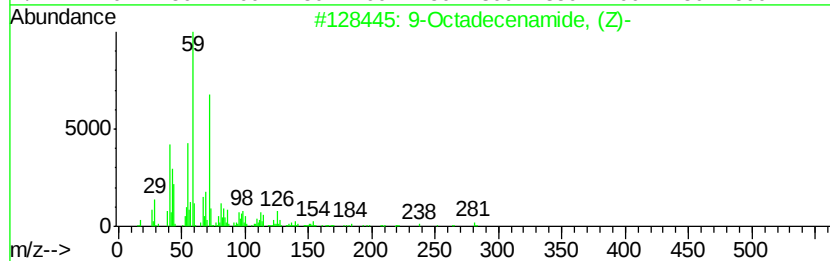
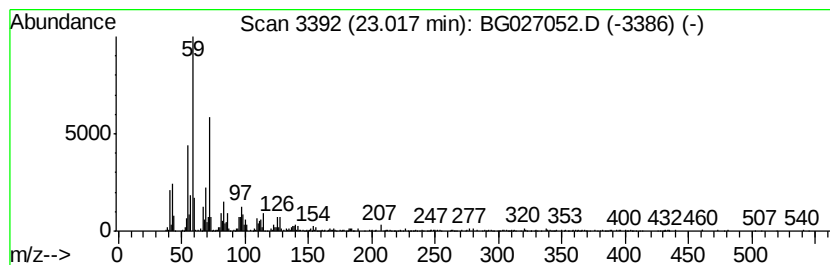
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	7.36 ng/ul	781657	Chrysene-d12	21.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
4		Tetradecanamide	227	C14H29NO	000638-58-4	72
5		7-Nonenamide	155	C9H17NO	090949-53-4	64



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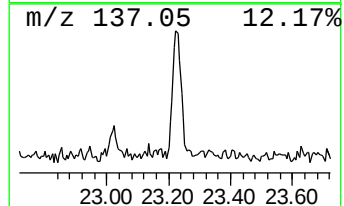
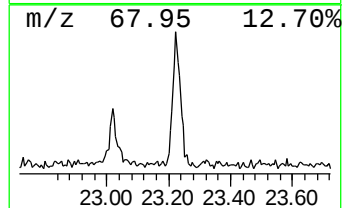
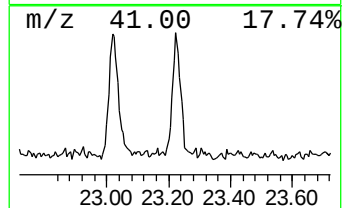
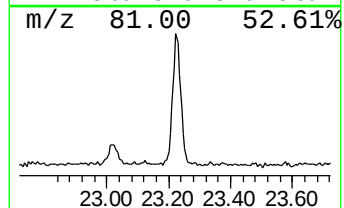
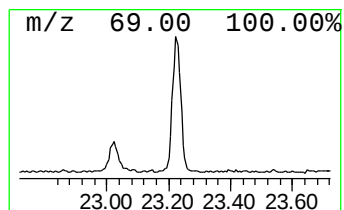
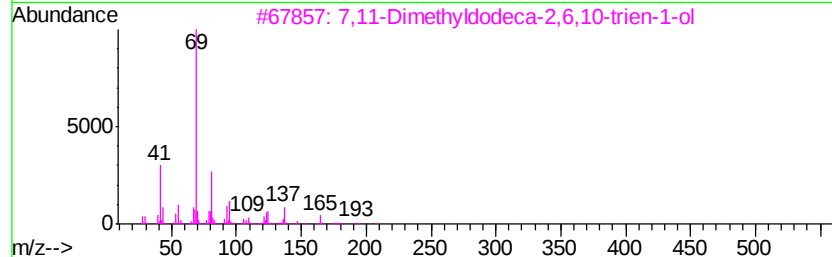
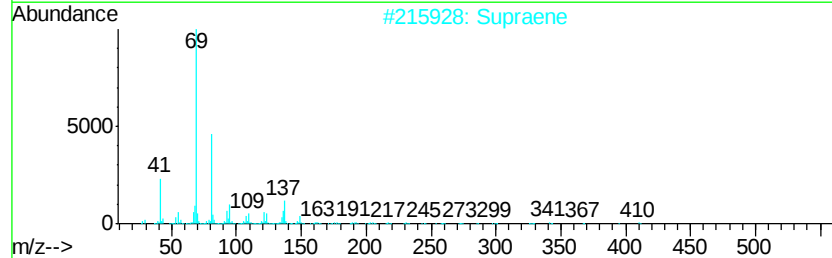
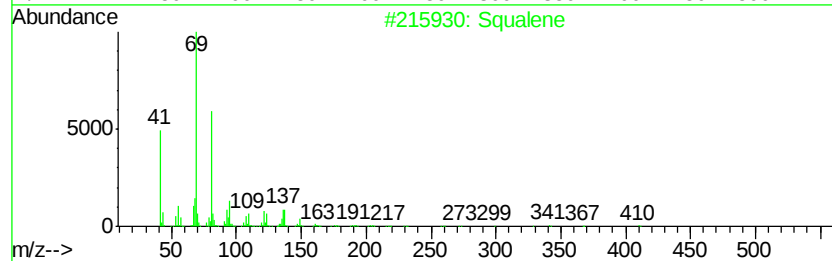
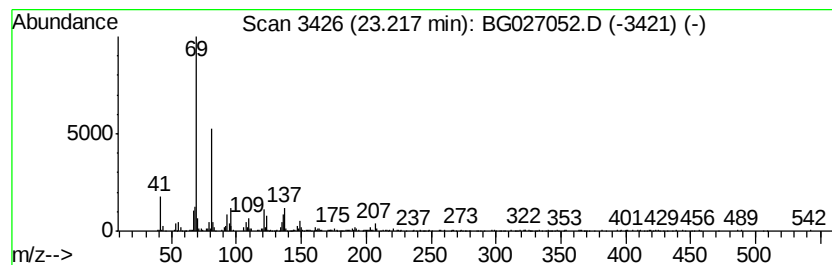
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Peak Number 3 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	5.27 ng/ul	505504	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	87
2		Supraene	410	C30H50	007683-64-9	83
3		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	81
4		Squalene	410	C30H50	000111-02-4	80
5		trans-Farnesol	222	C15H26O	000106-28-5	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027052.D
Acq On : 22 May 2017 11:01
Operator : SJ/MA
Sample : I3211-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF001-01

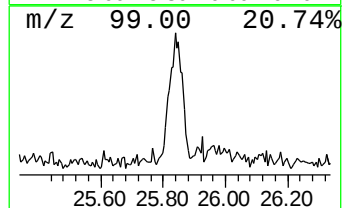
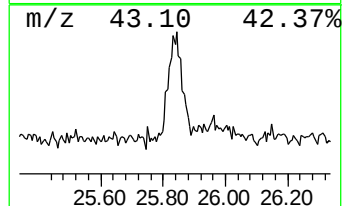
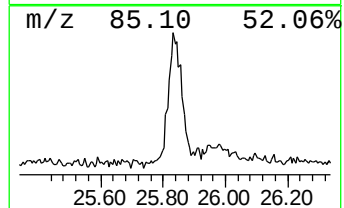
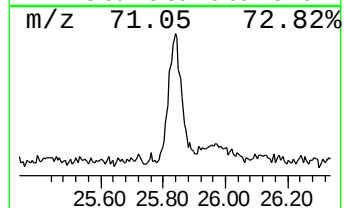
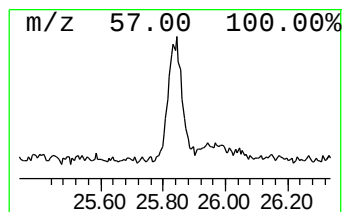
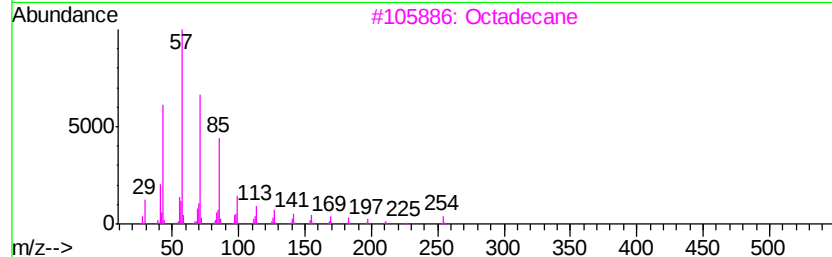
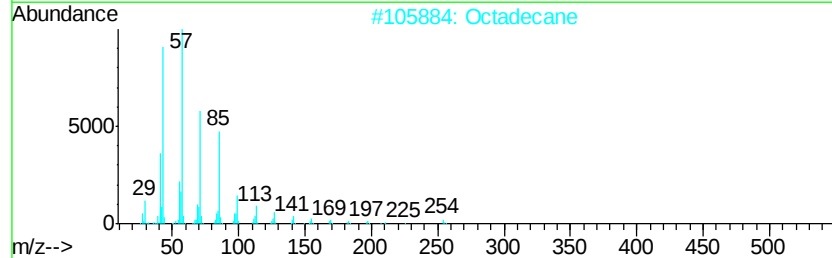
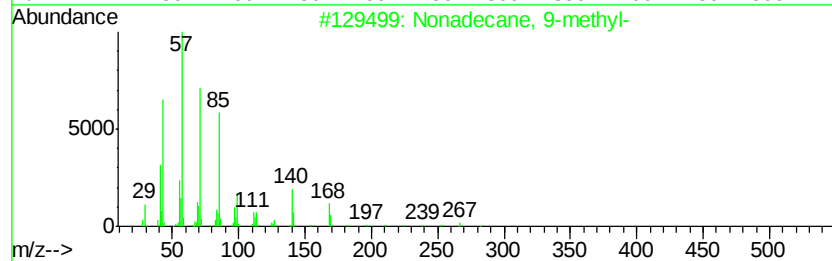
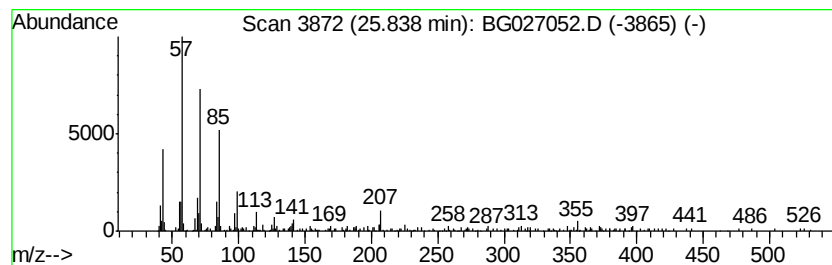
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.47 ng/ul	237370	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Octadecane	254	C18H38	000593-45-3	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027052.D
Acq On : 22 May 2017 11:01
Operator : SJ/MA
Sample : I3211-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF001-01

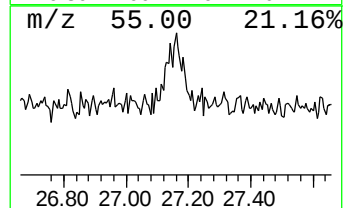
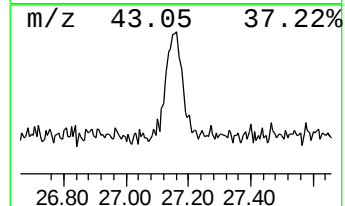
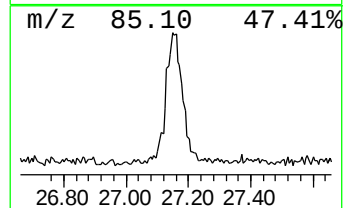
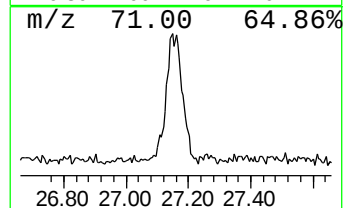
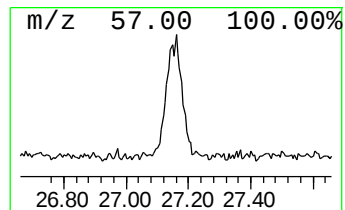
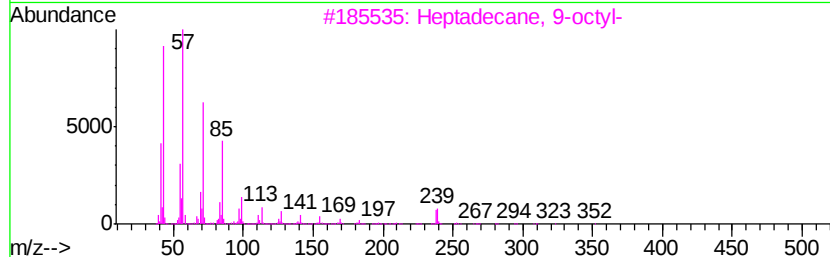
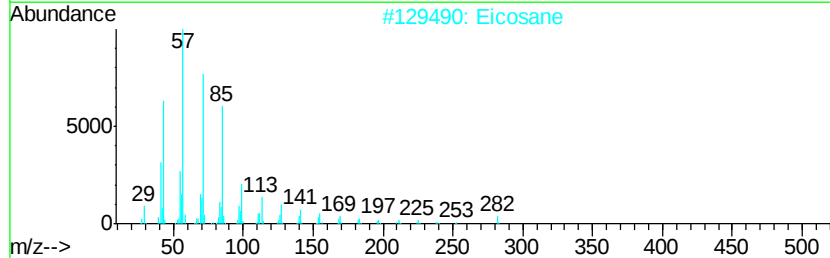
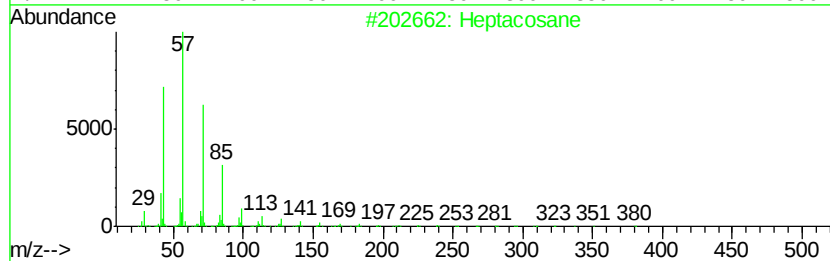
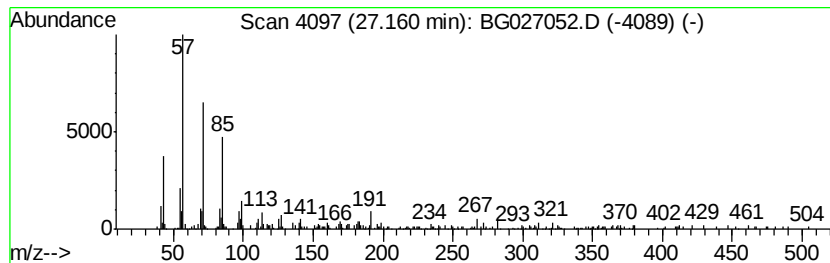
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	3.28 ng/ul	314880	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027052.D
Acq On : 22 May 2017 11:01
Operator : SJ/MA
Sample : I3211-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF001-01

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	3.1	ng/ul	332341	4	17.36	2108450	20.0
9-Octadecenamide,...	23.02	7.4	ng/ul	781657	5	21.61	2124160	20.0
Squalene	23.22	5.3	ng/ul	505504	6	24.78	1920110	20.0
(DEL) Alkane: Str...	25.84	2.5	ng/ul	237370	6	24.78	1920110	20.0
(DEL) Alkane: Str...	27.16	3.3	ng/ul	314880	6	24.78	1920110	20.0