

Data Path : Z:\HPCHEM1\BNA G\Data\BG052217\
 Data File : BG027059.D
 Acq On : 22 May 2017 15:36
 Operator : SJ/MA
 Sample : I3211-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EME-BF007-01

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	3.424	52	57	70	rVB	62678	110522	3.02%	0.231%
2	3.759	112	114	121	rVB7	3615	7258	0.20%	0.015%
3	5.521	411	414	426	rVB8	5232	15481	0.42%	0.032%
4	6.221	527	533	542	rVB5	6483	15232	0.42%	0.032%
5	7.055	668	675	685	rBV5	14314	46862	1.28%	0.098%
6	7.190	689	698	715	rBV	654731	1299196	35.45%	2.714%
7	7.331	715	722	733	rVV	603145	1001943	27.34%	2.093%
8	7.548	748	759	773	rBV	716932	1319028	35.99%	2.756%
9	7.942	815	826	829	rBV7	9239	24611	0.67%	0.051%
10	8.007	829	837	854	rVB	598533	1049622	28.64%	2.193%
11	8.295	869	886	904	rBV6	21262	106014	2.89%	0.221%
12	8.624	937	942	951	rBV9	2561	7772	0.21%	0.016%
13	8.723	951	959	984	rBV	879139	1713783	46.76%	3.580%
14	9.164	1026	1034	1054	rBV	696862	1263723	34.48%	2.640%
15	9.317	1054	1060	1080	rVV3	23614	83151	2.27%	0.174%
16	9.581	1096	1105	1115	rBV3	12941	23448	0.64%	0.049%
17	9.887	1150	1157	1170	rBV	563928	1051828	28.70%	2.197%
18	10.181	1200	1207	1216	rVB8	4664	13119	0.36%	0.027%
19	10.439	1239	1251	1274	rBV	819011	1671633	45.61%	3.492%
20	10.809	1298	1314	1327	rBV	940880	1721424	46.97%	3.596%
21	10.944	1327	1337	1363	rVV	697472	1365351	37.25%	2.852%
22	11.315	1396	1400	1405	rBV8	4871	11228	0.31%	0.023%
23	11.626	1448	1453	1455	rBV3	6006	8832	0.24%	0.018%
24	11.979	1500	1513	1516	rBV7	2332	6285	0.17%	0.013%
25	12.284	1560	1565	1570	rVB5	3941	8572	0.23%	0.018%
26	12.384	1576	1582	1590	rVV2	15132	28206	0.77%	0.059%
27	12.930	1667	1675	1681	rBV4	5784	11932	0.33%	0.025%
28	13.071	1695	1699	1706	rVB8	2761	6000	0.16%	0.013%
29	13.230	1718	1726	1732	rBV5	12481	24135	0.66%	0.050%
30	13.324	1732	1742	1757	rVV5	19984	85600	2.34%	0.179%
31	13.430	1757	1760	1767	rVB5	3879	7264	0.20%	0.015%
32	13.506	1769	1773	1779	rVB7	4870	8259	0.23%	0.017%
33	13.588	1780	1787	1793	rVV9	5276	13720	0.37%	0.029%
34	13.818	1819	1826	1831	rBV7	4430	10271	0.28%	0.021%

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35	14.017	1852	1860	1865	rBV	1508110	2282770	62.28%	4.769%
36	14.064	1865	1868	1879	rVB	667594	915008	24.96%	1.912%
37	14.317	1898	1911	1927	rBV	1857384	3022018	82.45%	6.313%
38	14.505	1937	1943	1951	rVB2	21222	30931	0.84%	0.065%
39	14.622	1951	1963	1977	rBV2	1257529	2098071	57.24%	4.383%
40	14.846	1995	2001	2030	rBV	325530	892442	24.35%	1.864%
41	15.122	2044	2048	2051	rVB4	7395	10943	0.30%	0.023%
42	15.192	2055	2060	2065	rVB6	7879	12648	0.35%	0.026%
43	15.351	2081	2087	2092	rBV8	2415	5806	0.16%	0.012%
44	15.404	2092	2096	2099	rVV2	8743	13373	0.36%	0.028%
45	15.451	2099	2104	2109	rVB2	43156	59598	1.63%	0.125%
46	15.504	2111	2113	2119	rBV7	4740	5732	0.16%	0.012%
47	15.610	2122	2131	2147	rBV	2231209	3460680	94.42%	7.230%
48	15.739	2147	2153	2166	rVV	475361	745372	20.34%	1.557%
49	15.850	2166	2172	2178	rVV3	42490	84445	2.30%	0.176%
50	15.892	2178	2179	2185	rVB6	7333	9526	0.26%	0.020%
51	15.950	2185	2189	2194	rBV7	6542	14818	0.40%	0.031%
52	15.997	2194	2197	2205	rVV6	8312	13608	0.37%	0.028%
53	16.068	2205	2209	2216	rVB5	8494	12068	0.33%	0.025%
54	16.309	2243	2250	2259	rBV	59402	95743	2.61%	0.200%
55	16.385	2261	2263	2268	rVB5	5838	7175	0.20%	0.015%
56	16.491	2276	2281	2284	rBV7	5922	8387	0.23%	0.018%
57	16.556	2288	2292	2301	rVB10	5935	14930	0.41%	0.031%
58	16.655	2302	2309	2316	rVV8	11312	27726	0.76%	0.058%
59	16.708	2316	2318	2321	rVB4	5835	6978	0.19%	0.015%
60	16.761	2321	2327	2331	rBV9	8418	17868	0.49%	0.037%
61	16.814	2331	2336	2343	rVB9	8530	15304	0.42%	0.032%
62	16.879	2343	2347	2350	rBV6	5483	7518	0.21%	0.016%
63	17.096	2378	2384	2388	rBV	46220	60325	1.65%	0.126%
64	17.149	2388	2393	2398	rVB3	16799	29698	0.81%	0.062%
65	17.249	2406	2410	2415	rVB8	7582	13665	0.37%	0.029%
66	17.355	2420	2428	2438	rVV	1376709	2127666	58.05%	4.445%
67	17.454	2438	2445	2462	rVV2	2324432	3482846	95.02%	7.276%
68	17.572	2462	2465	2470	rVB7	8230	9402	0.26%	0.020%
69	17.631	2470	2475	2483	rBV9	7370	16672	0.45%	0.035%
70	17.748	2490	2495	2496	rBV5	7434	9958	0.27%	0.021%
71	17.830	2496	2509	2523	rVV4	44227	146752	4.00%	0.307%

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72	18.007	2533	2539	2549	rVB	55779	83523	2.28%	0.174%
73	18.113	2553	2557	2561	rVB6	6558	10702	0.29%	0.022%
74	18.148	2561	2563	2566	rBV4	6654	6174	0.17%	0.013%
75	18.230	2568	2577	2586	rBV	130165	229722	6.27%	0.480%
76	18.301	2587	2589	2593	rVB	11995	15704	0.43%	0.033%
77	18.477	2613	2619	2621	rVB7	5131	10543	0.29%	0.022%
78	18.524	2623	2627	2633	rBV4	14862	24488	0.67%	0.051%
79	18.588	2633	2638	2645	rVB4	9145	21375	0.58%	0.045%
80	18.647	2645	2648	2653	rBV7	17594	22930	0.63%	0.048%
81	18.882	2686	2688	2690	rBV3	5928	6071	0.17%	0.013%
82	18.982	2698	2705	2711	rBV3	7257	20056	0.55%	0.042%
83	19.170	2724	2737	2753	rBV	201518	425802	11.62%	0.890%
84	19.299	2753	2759	2765	rVB3	40984	57281	1.56%	0.120%
85	19.376	2767	2772	2780	rBV2	35946	74929	2.04%	0.157%
86	19.499	2787	2793	2799	rBV9	32915	75194	2.05%	0.157%
87	19.628	2810	2815	2821	rVB	28274	54614	1.49%	0.114%
88	19.734	2822	2833	2850	rVV2	2457072	3665192	100.00%	7.657%
89	19.922	2861	2865	2868	rBV6	9834	17624	0.48%	0.037%
90	20.686	2992	2995	3000	rBV4	15451	29381	0.80%	0.061%
91	21.603	3145	3151	3164	rBV	1298292	2155979	58.82%	4.504%
92	22.366	3277	3281	3285	rBV6	24426	32771	0.89%	0.068%
93	23.036	3389	3395	3403	rVB5	59046	139784	3.81%	0.292%
94	23.224	3424	3427	3435	rVB5	36209	68379	1.87%	0.143%
95	23.818	3523	3528	3538	rVB4	77511	170573	4.65%	0.356%
96	24.564	3643	3655	3677	rBV2	973826	3356654	91.58%	7.012%
97	24.775	3679	3691	3728	rVB2	575095	2314923	63.16%	4.836%
98	25.839	3863	3872	3884	rBV2	102808	295223	8.05%	0.617%
99	27.149	4087	4095	4107	rVB3	90358	313271	8.55%	0.654%
100	28.735	4358	4365	4380	rVB5	67800	239288	6.53%	0.500%

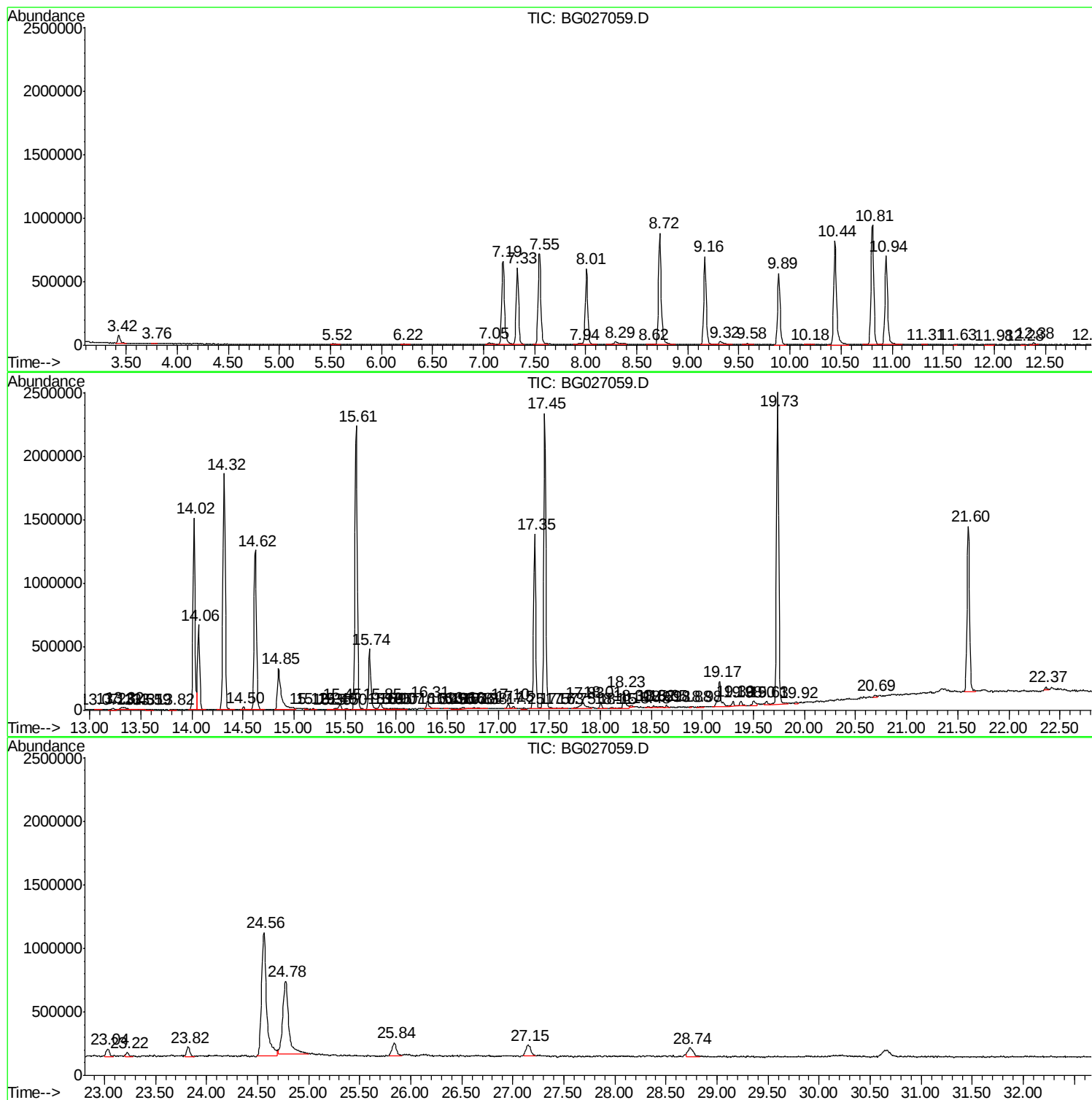
Sum of corrected areas: 47867925

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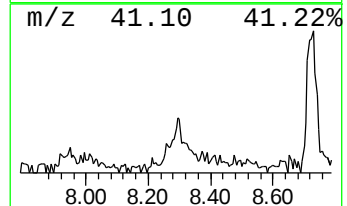
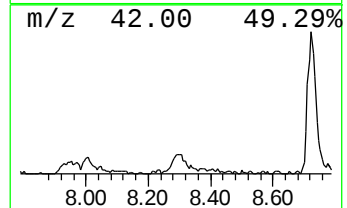
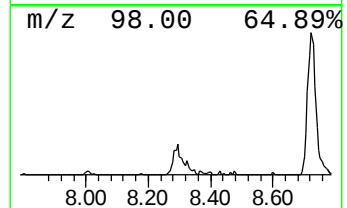
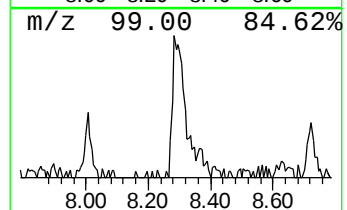
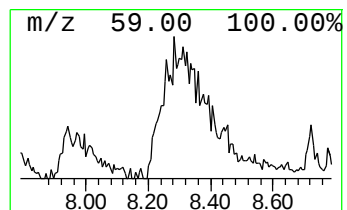
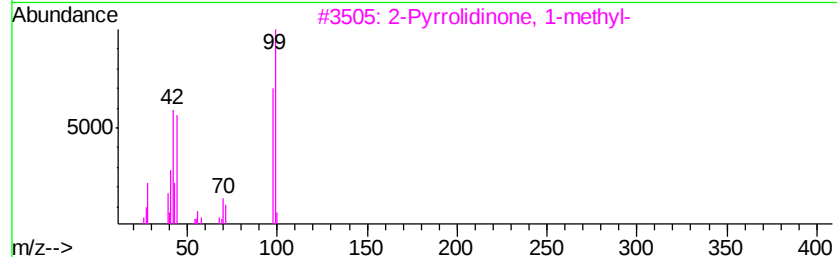
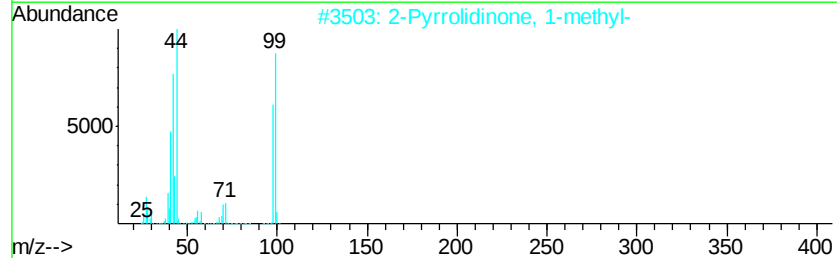
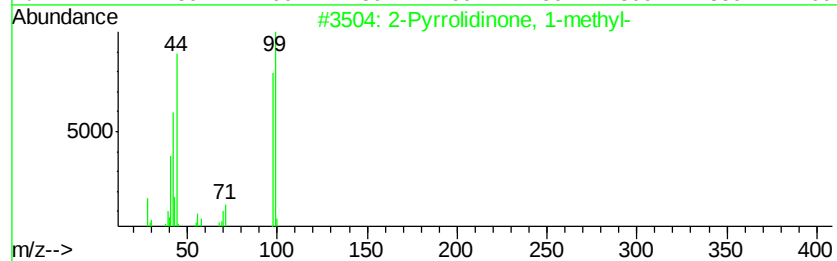
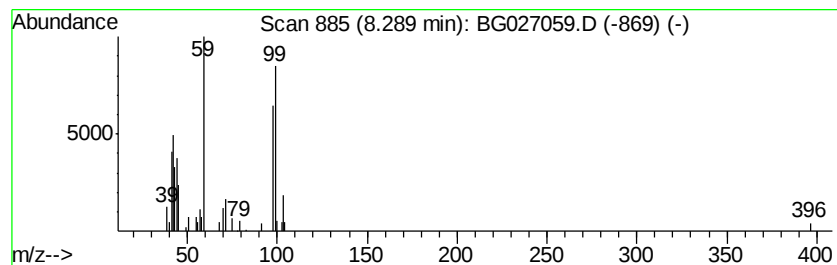
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	2.02 ng/ul	106014	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	46
2		2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	38
3		2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	37
4		1,4,5,8-Tetraazadecalin	142	C6H14N4	1000224-97-3	32
5		Imidosulfurous difluoride, methyl-	99	CH3F2NS	000758-20-3	27



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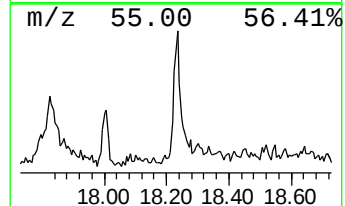
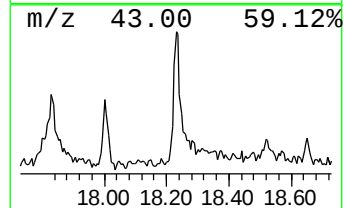
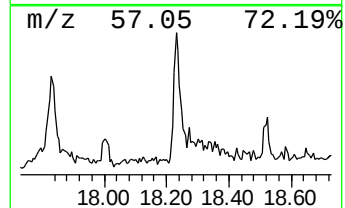
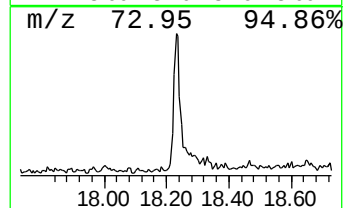
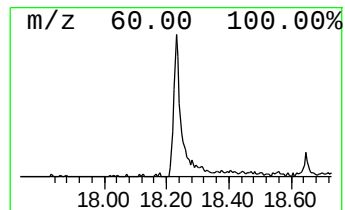
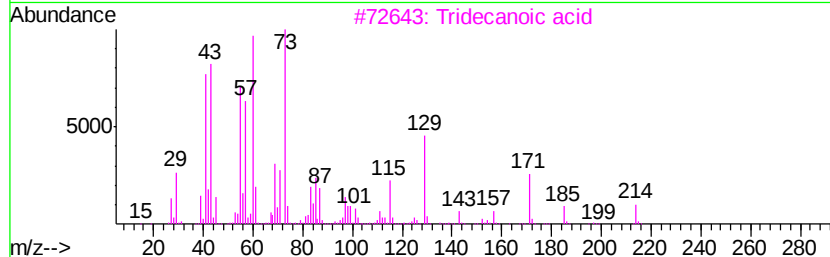
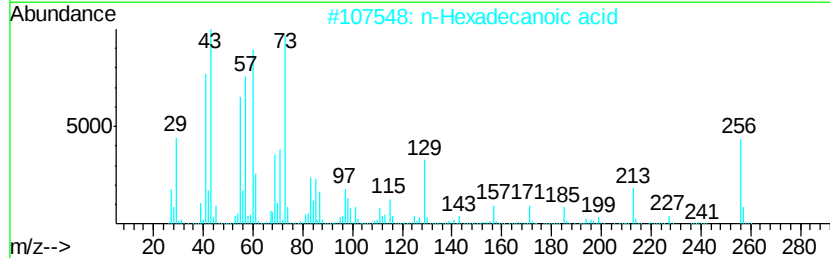
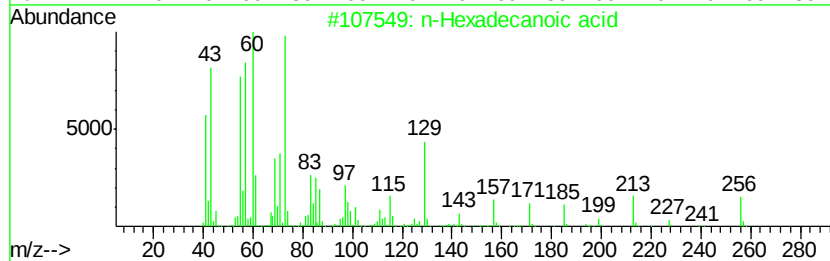
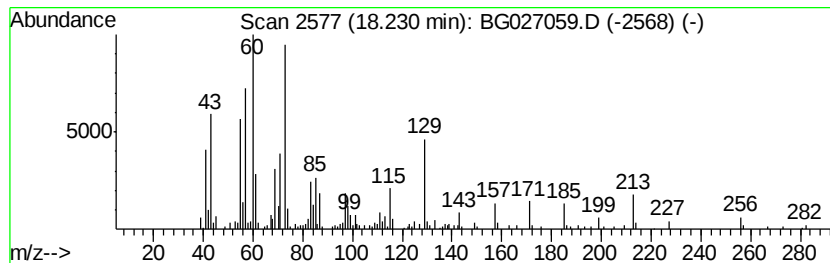
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.16 ng/ul	229722	Phenanthrene-d10	17.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	



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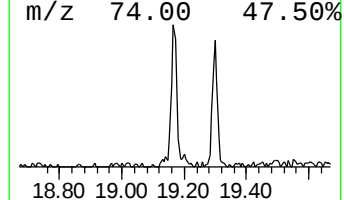
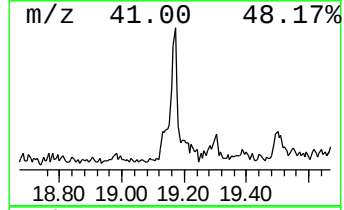
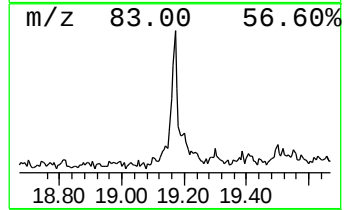
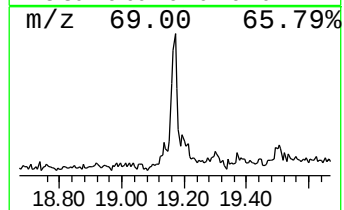
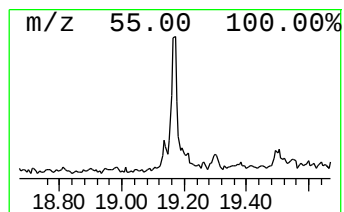
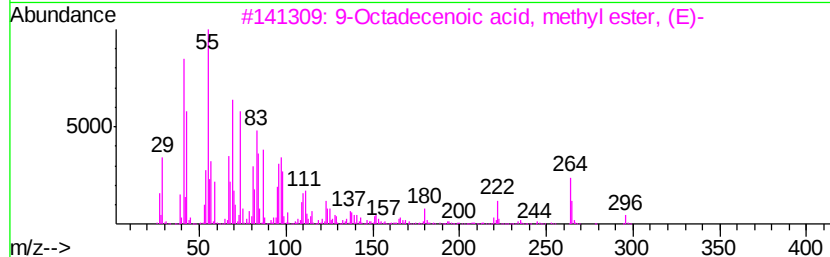
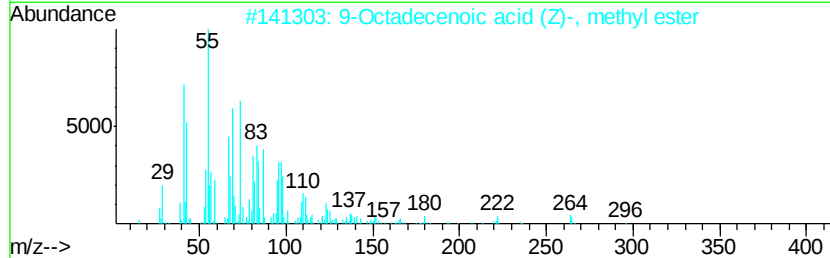
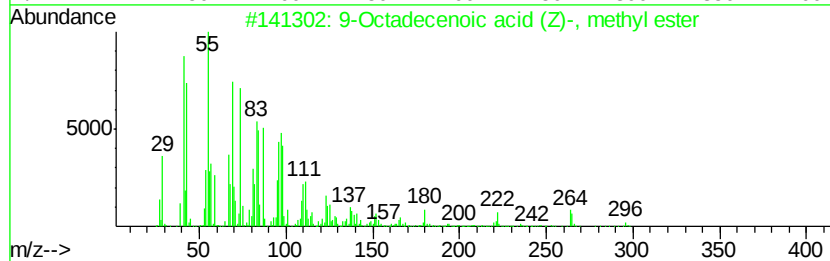
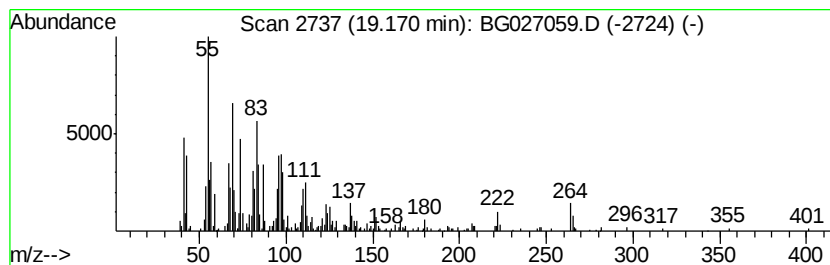
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Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.00 ng/ul	425802	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
3		9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	99
4		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
5		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99



Data Path : Z:\HPCHEM1\BNA G\Data\BG052217\
Data File : BG027059.D
Acq On : 22 May 2017 15:36
Operator : SJ/MA
Sample : I3211-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF007-01

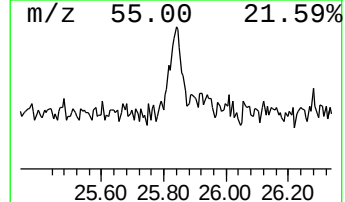
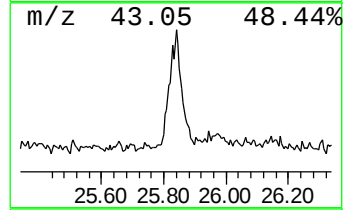
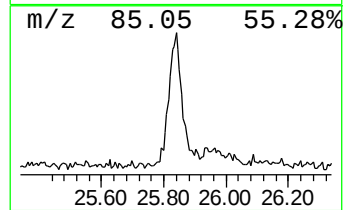
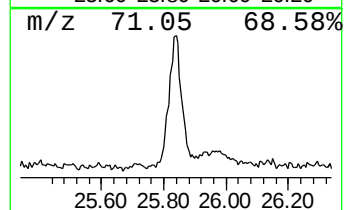
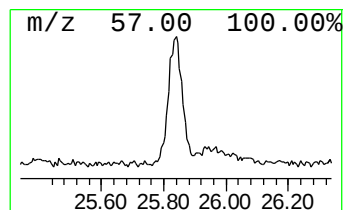
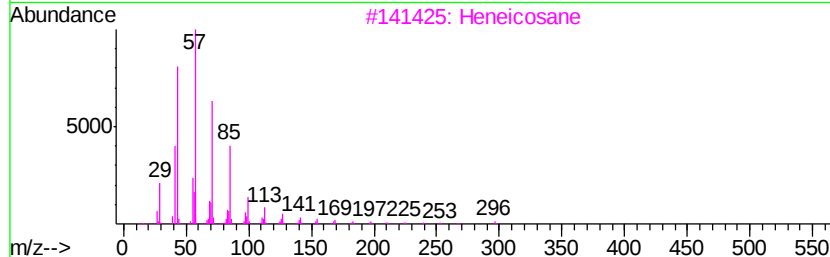
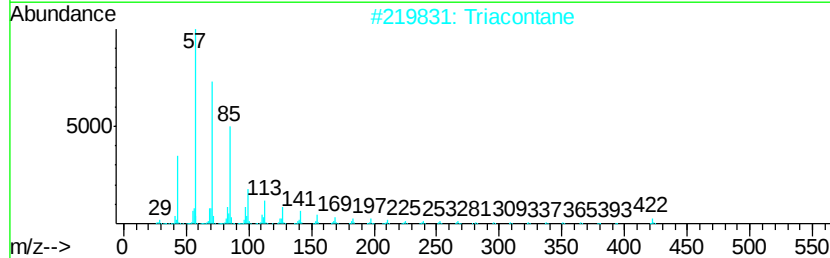
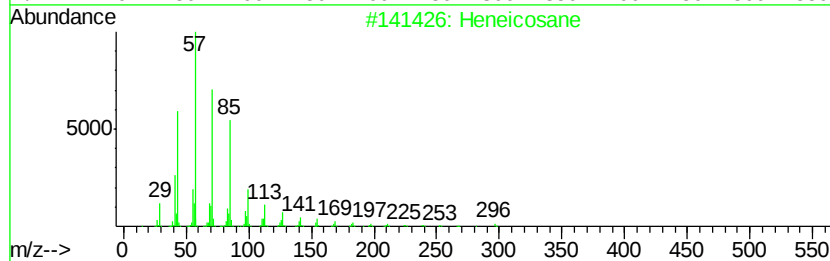
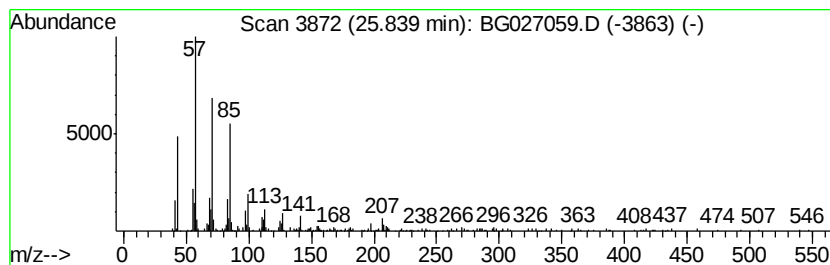
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.55 ng/ul	295223	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Triacontane	422	C30H62	000638-68-6	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	81
5		5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	74



Data Path : Z:\HPCHEM1\BNA G\Data\BG052217\
Data File : BG027059.D
Acq On : 22 May 2017 15:36
Operator : SJ/MA
Sample : I3211-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF007-01

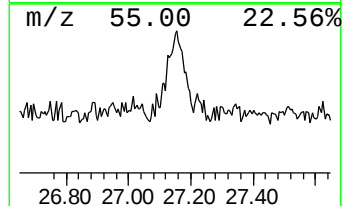
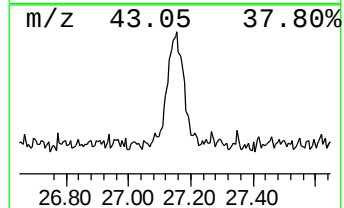
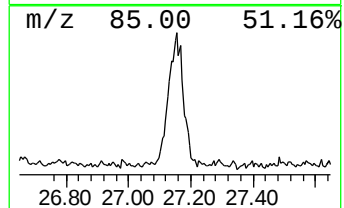
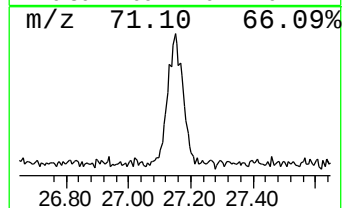
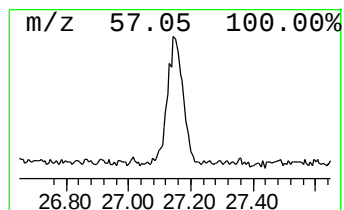
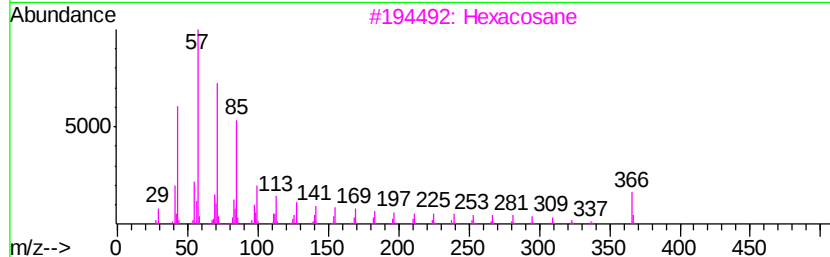
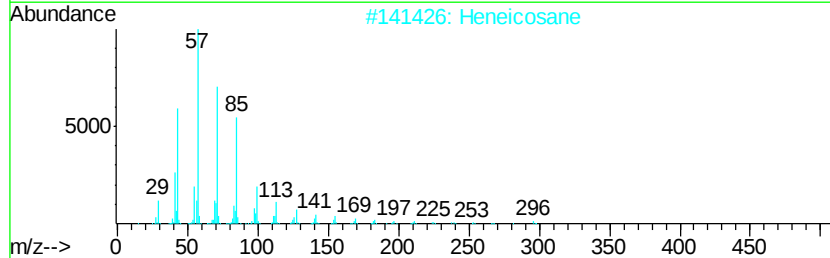
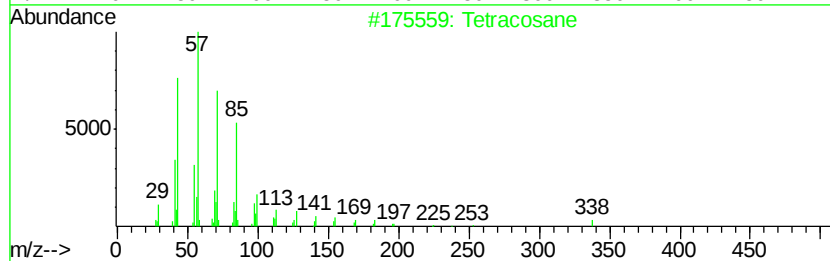
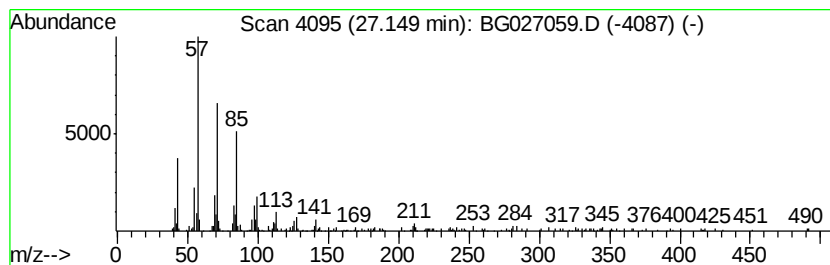
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Quant Title : SVOA CALIBRATION

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.
27.15	2.71 ng/ul	313271	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Heneicosane	296	C21H44	000629-94-7	81
3		Hexacosane	366	C26H54	000630-01-3	81
4		Pentacosane	352	C25H52	000629-99-2	81
5		2-methyloctacosane	408	C29H60	1000376-72-8	74



Data Path : Z:\HPCHEM1\BNA G\Data\BG052217\
Data File : BG027059.D
Acq On : 22 May 2017 15:36
Operator : SJ/MA
Sample : I3211-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF007-01

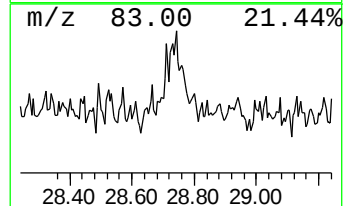
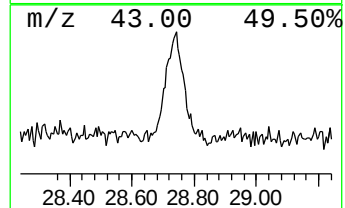
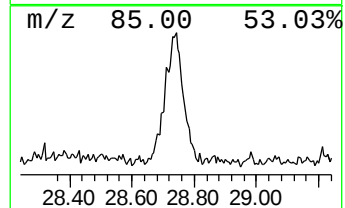
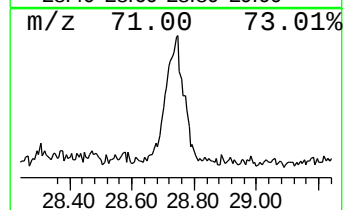
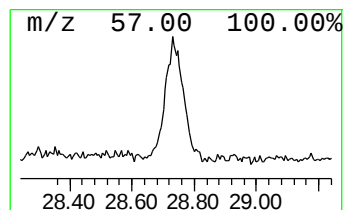
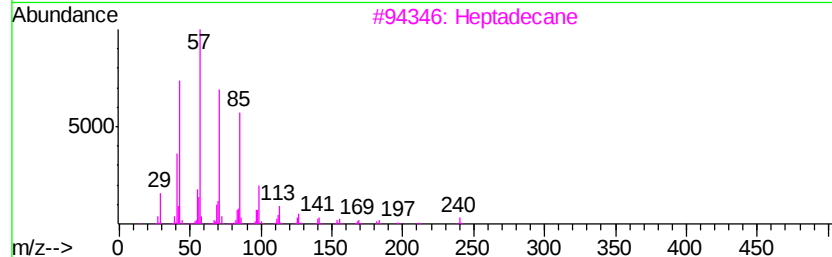
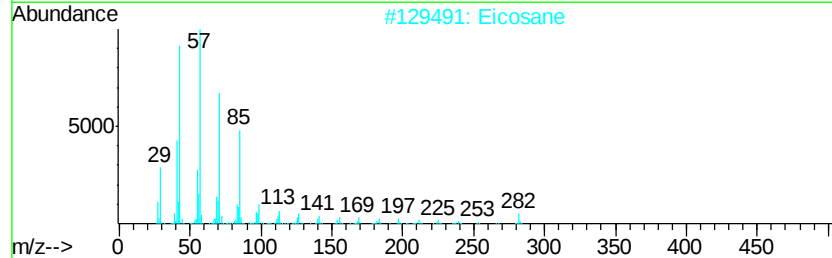
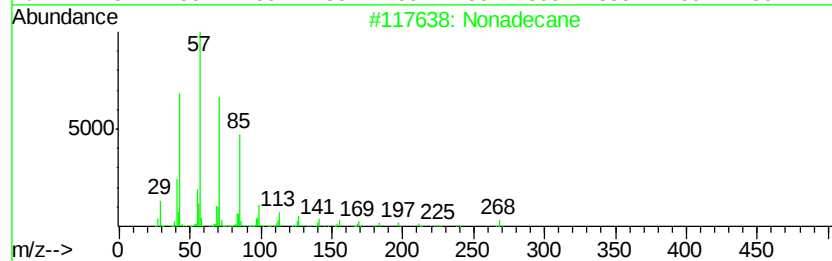
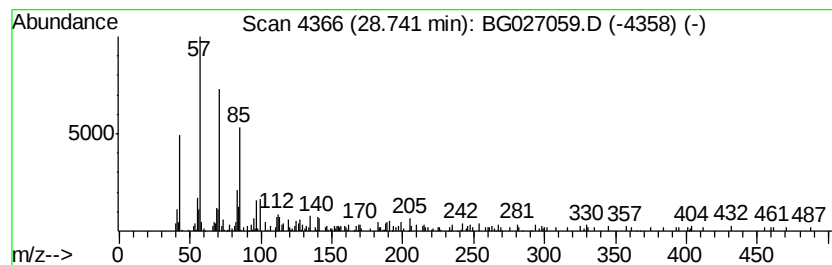
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.74	2.07 ng/ul	239288	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	89
2		Eicosane	282	C20H42	000112-95-8	89
3		Heptadecane	240	C17H36	000629-78-7	76
4		Nonadecane	268	C19H40	000629-92-5	76
5		Hexadecane	226	C16H34	000544-76-3	76



Data Path : Z:\HPCHEM1\BNA_G\Data\BG052217\
Data File : BG027059.D
Acq On : 22 May 2017 15:36
Operator : SJ/MA
Sample : I3211-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF007-01

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
unknown-01	8.29	2.0	ng/ul	106014	1	8.01	1049620	20.0
n-Hexadecanoic acid	18.23	2.2	ng/ul	229722	4	17.35	2127670	20.0
9-Octadecenoic ac...	19.17	4.0	ng/ul	425802	4	17.35	2127670	20.0
(DEL) Alkane: Str...	25.84	2.5	ng/ul	295223	6	24.78	2314920	20.0
(DEL) Alkane: Str...	27.15	2.7	ng/ul	313271	6	24.78	2314920	20.0
(DEL) Alkane: Str...	28.74	2.1	ng/ul	239288	6	24.78	2314920	20.0