

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
 Data File : BG027058.D
 Acq On : 22 May 2017 14:56
 Operator : SJ/MA
 Sample : I3211-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EME-BF006-01

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	52	58	69	rVB	57873	93872	3.04%	0.223%
2	5.204	356	360	369	rVB6	2176	6059	0.20%	0.014%
3	5.374	382	389	391	rBV6	3343	4747	0.15%	0.011%
4	5.521	408	414	415	rBV4	3339	4837	0.16%	0.012%
5	6.091	504	511	516	rBV7	5148	10446	0.34%	0.025%
6	6.214	524	532	536	rBV6	4343	8325	0.27%	0.020%
7	6.673	608	610	618	rVB7	3070	6996	0.23%	0.017%
8	7.060	669	676	689	rBV8	8739	27640	0.89%	0.066%
9	7.190	689	698	715	rVV	559117	1116123	36.12%	2.655%
10	7.331	715	722	735	rVV	497879	845012	27.35%	2.010%
11	7.425	737	738	749	rVB8	5656	10550	0.34%	0.025%
12	7.548	749	759	786	rBV	613034	1139889	36.89%	2.711%
13	8.006	830	837	849	rVV	581141	996653	32.25%	2.371%
14	8.300	879	887	899	rBV7	9550	31281	1.01%	0.074%
15	8.723	949	959	978	rBV	762781	1447169	46.84%	3.442%
16	9.164	1024	1034	1050	rBV	575949	1071360	34.67%	2.548%
17	9.317	1050	1060	1076	rVV4	22919	68274	2.21%	0.162%
18	9.575	1100	1104	1113	rBV4	8906	15648	0.51%	0.037%
19	9.886	1147	1157	1172	rBV	476230	893616	28.92%	2.126%
20	10.204	1204	1211	1213	rBV6	2947	5475	0.18%	0.013%
21	10.439	1238	1251	1276	rBV	700557	1424840	46.11%	3.389%
22	10.803	1302	1313	1326	rBV	912176	1654886	53.56%	3.936%
23	10.944	1326	1337	1355	rBV	527174	1039480	33.64%	2.473%
24	11.649	1442	1457	1458	rVV6	2674	8773	0.28%	0.021%
25	11.972	1508	1512	1518	rVB5	3112	5078	0.16%	0.012%
26	12.060	1518	1527	1536	rBV2	11906	22618	0.73%	0.054%
27	12.389	1578	1583	1590	rBV2	12357	24883	0.81%	0.059%
28	12.777	1640	1649	1655	rBV10	7555	20164	0.65%	0.048%
29	12.924	1669	1674	1679	rVB7	3552	7871	0.25%	0.019%
30	13.012	1684	1689	1690	rBV3	3795	5845	0.19%	0.014%
31	13.083	1699	1701	1705	rVB5	4466	5151	0.17%	0.012%
32	13.224	1721	1725	1731	rBV3	8508	16661	0.54%	0.040%
33	13.330	1735	1743	1755	rBV10	8805	31456	1.02%	0.075%
34	13.441	1758	1762	1765	rVB5	4348	5382	0.17%	0.013%

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35	13.594	1778	1788	1793	rVB9	3806	8408	0.27%	0.020%
36	14.017	1854	1860	1865	rVV	1256450	1940342	62.80%	4.615%
37	14.064	1865	1868	1887	rVB	621326	885900	28.67%	2.107%
38	14.317	1901	1911	1922	rBV	1647353	2601169	84.18%	6.187%
39	14.505	1935	1943	1951	rVV	24073	39053	1.26%	0.093%
40	14.622	1951	1963	1975	rVV2	1253773	2054766	66.50%	4.888%
41	14.851	1994	2002	2024	rBV	256987	715580	23.16%	1.702%
42	15.122	2042	2048	2054	rVB9	10722	23217	0.75%	0.055%
43	15.192	2054	2060	2064	rBV6	7155	13236	0.43%	0.031%
44	15.251	2064	2070	2073	rBV6	3915	5489	0.18%	0.013%
45	15.404	2092	2096	2098	rBV	9754	12138	0.39%	0.029%
46	15.451	2098	2104	2110	rVB	56882	79113	2.56%	0.188%
47	15.509	2110	2114	2117	rBV5	4745	8114	0.26%	0.019%
48	15.609	2123	2131	2147	rVB	1942565	2971773	96.18%	7.069%
49	15.738	2147	2153	2164	rBV	362634	579836	18.77%	1.379%
50	15.850	2164	2172	2177	rVV3	42022	91119	2.95%	0.217%
51	15.891	2177	2179	2184	rVV5	7155	9486	0.31%	0.023%
52	15.950	2184	2189	2194	rVV5	11138	15680	0.51%	0.037%
53	16.003	2194	2198	2205	rVV3	10116	15559	0.50%	0.037%
54	16.067	2205	2209	2218	rVB5	9225	16165	0.52%	0.038%
55	16.173	2222	2227	2232	rBV8	3559	8156	0.26%	0.019%
56	16.238	2235	2238	2241	rBV5	4885	6200	0.20%	0.015%
57	16.308	2244	2250	2261	rBV	83881	142743	4.62%	0.340%
58	16.385	2261	2263	2268	rVB4	5286	7271	0.24%	0.017%
59	16.491	2277	2281	2284	rVB5	6585	7723	0.25%	0.018%
60	16.561	2290	2293	2296	rVB5	6116	7398	0.24%	0.018%
61	16.643	2302	2307	2315	rBV3	12350	29662	0.96%	0.071%
62	16.702	2315	2317	2322	rVB6	4960	7116	0.23%	0.017%
63	16.767	2322	2328	2331	rBV6	10021	17016	0.55%	0.040%
64	16.814	2332	2336	2342	rVB7	8713	12328	0.40%	0.029%
65	16.872	2342	2346	2350	rBV5	5539	8749	0.28%	0.021%
66	16.966	2357	2362	2363	rBV5	3946	6314	0.20%	0.015%
67	17.096	2377	2384	2389	rBV	68651	95302	3.08%	0.227%
68	17.149	2389	2393	2404	rVV6	23702	46629	1.51%	0.111%
69	17.254	2404	2411	2415	rVV8	6383	11379	0.37%	0.027%
70	17.354	2417	2428	2438	rBV2	1369958	2096784	67.86%	4.988%
71	17.454	2438	2445	2453	rVB2	1944378	2918249	94.44%	6.942%

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72	17.566	2462	2464	2469	rVB6	5961	8184	0.26%	0.019%
73	17.624	2469	2474	2480	rBV6	8138	14621	0.47%	0.035%
74	17.742	2490	2494	2496	rBV4	6794	7236	0.23%	0.017%
75	17.830	2505	2509	2515	rBV	37805	47365	1.53%	0.113%
76	18.006	2532	2539	2543	rBV	39219	50221	1.63%	0.119%
77	18.112	2550	2557	2560	rBV7	9197	17849	0.58%	0.042%
78	18.230	2571	2577	2588	rBV	197386	353273	11.43%	0.840%
79	18.518	2623	2626	2633	rBV3	13634	20609	0.67%	0.049%
80	18.653	2645	2649	2652	rBV5	8643	11717	0.38%	0.028%
81	18.835	2679	2680	2684	rBV4	5224	5798	0.19%	0.014%
82	19.170	2725	2737	2743	rBV4	24785	59101	1.91%	0.141%
83	19.305	2756	2760	2762	rBV5	6327	7480	0.24%	0.018%
84	19.375	2767	2772	2779	rBV4	38210	71017	2.30%	0.169%
85	19.440	2780	2783	2786	rVV5	4916	6314	0.20%	0.015%
86	19.499	2787	2793	2803	rBV5	33435	86067	2.79%	0.205%
87	19.628	2810	2815	2820	rBV2	26146	41029	1.33%	0.098%
88	19.734	2826	2833	2846	rBV	2047025	3089926	100.00%	7.350%
89	20.251	2919	2921	2922	rBV2	5553	5316	0.17%	0.013%
90	21.338	3098	3106	3126	rBV2	53529	260128	8.42%	0.619%
91	21.602	3144	3151	3164	rBV	1266505	2104469	68.11%	5.006%
92	22.366	3277	3281	3284	rBV5	29714	49916	1.62%	0.119%
93	23.030	3388	3394	3406	rVB3	68211	184896	5.98%	0.440%
94	23.224	3421	3427	3437	rVB	158296	306635	9.92%	0.729%
95	23.823	3522	3529	3535	rVB2	67405	150109	4.86%	0.357%
96	24.558	3643	3654	3677	rBV2	841180	2849334	92.21%	6.778%
97	24.769	3679	3690	3709	rBV3	540210	1882201	60.91%	4.477%
98	25.833	3864	3871	3883	rBV3	86273	241402	7.81%	0.574%
99	27.154	4088	4096	4108	rVB4	79114	267004	8.64%	0.635%
100	28.729	4358	4364	4379	rVB5	62024	249002	8.06%	0.592%

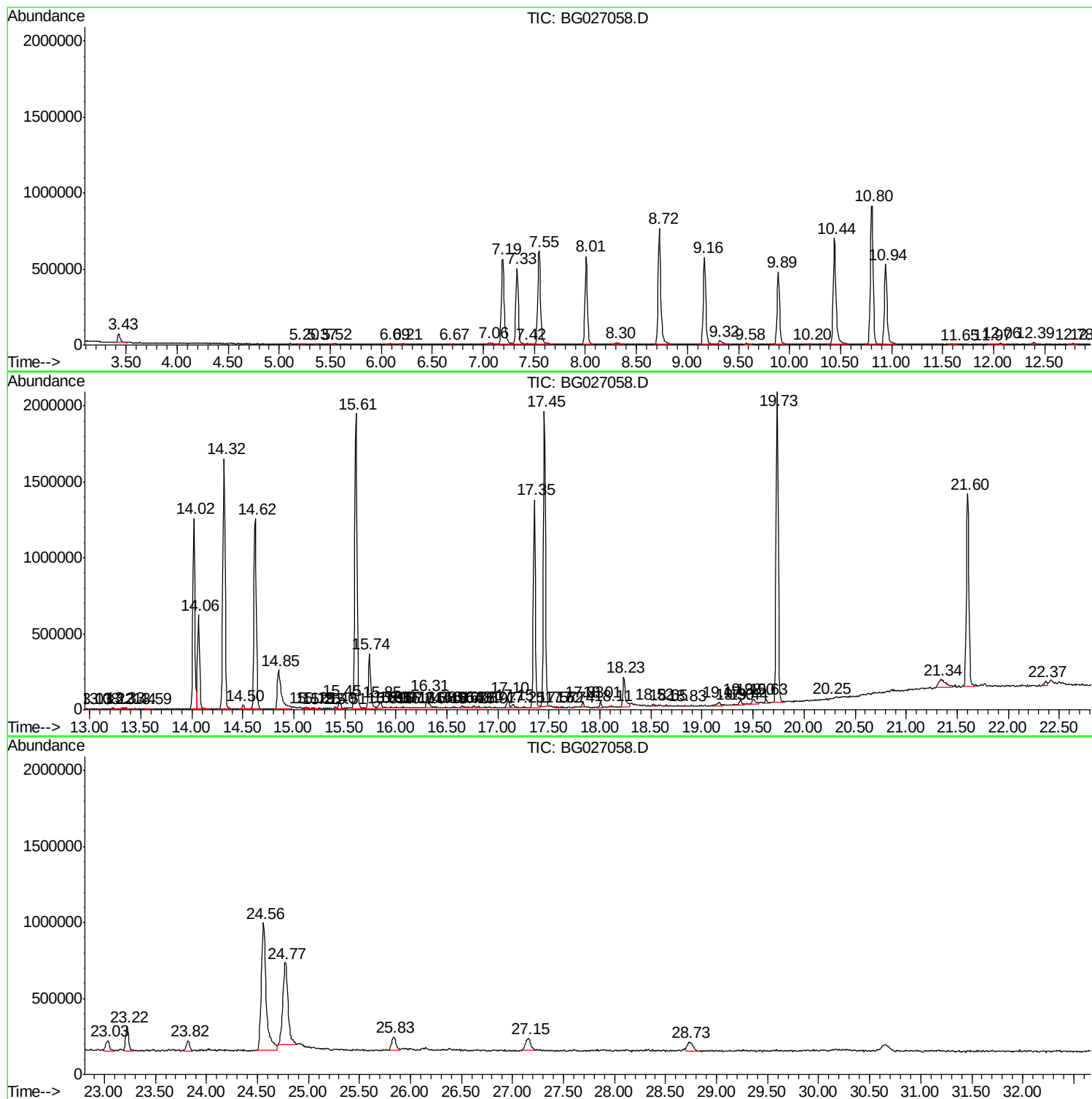
Sum of corrected areas: 42040441

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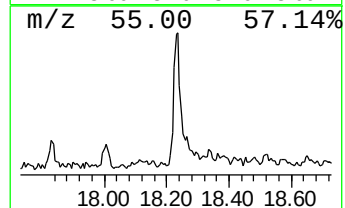
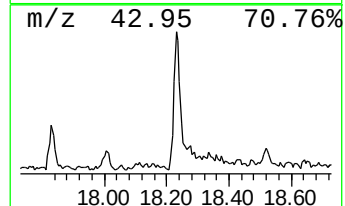
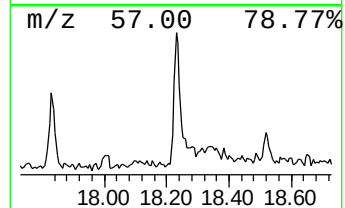
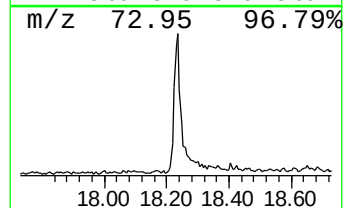
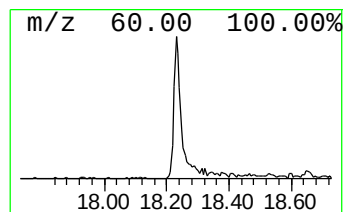
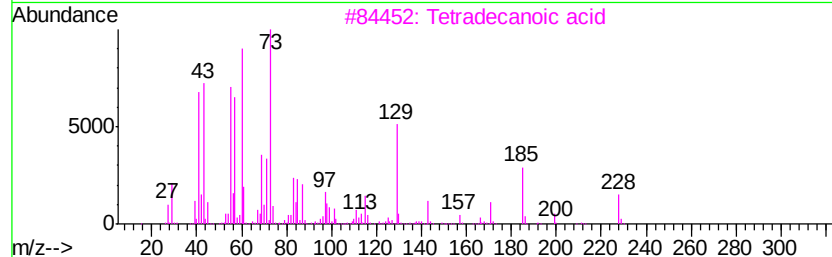
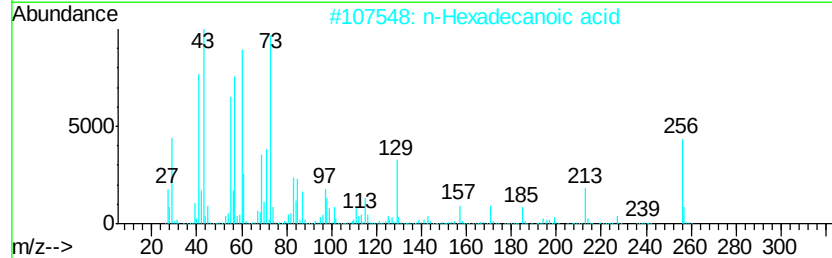
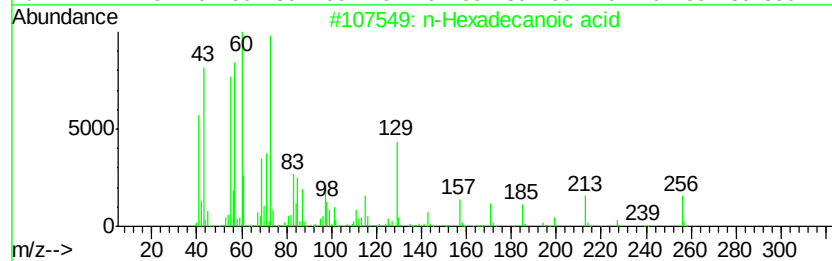
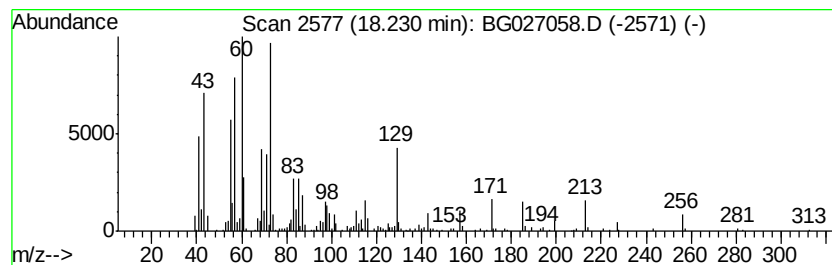
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	3.37 ng/ul	353273	Phenanthrene-d10		17.35	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	80
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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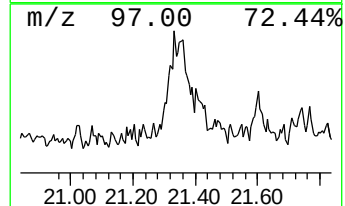
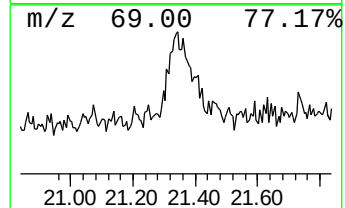
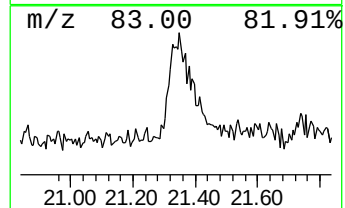
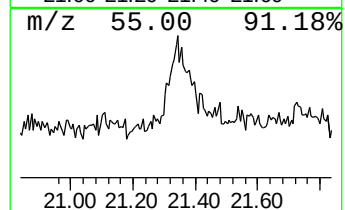
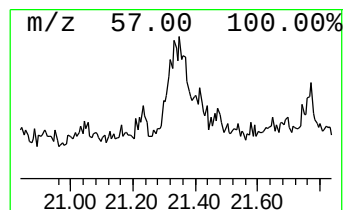
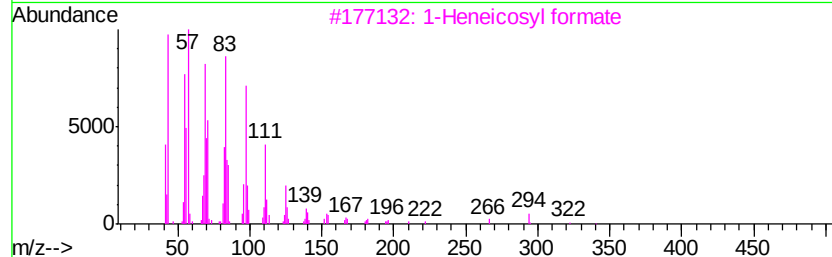
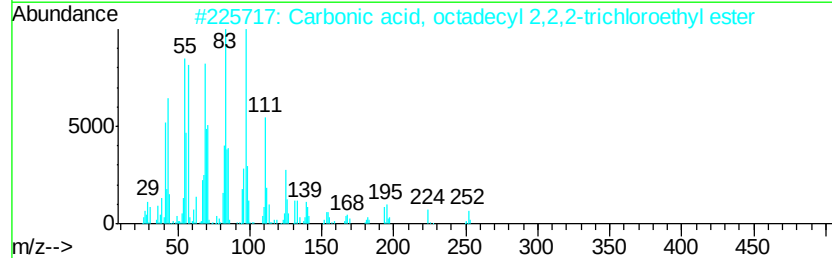
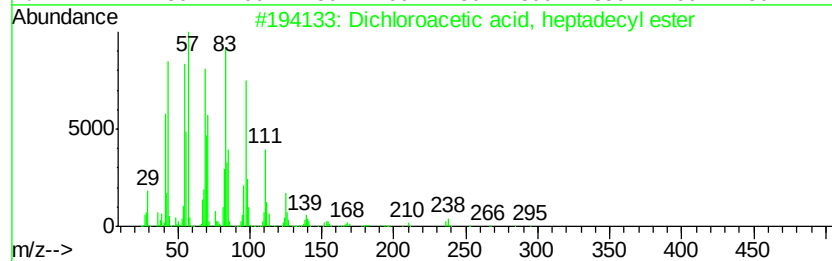
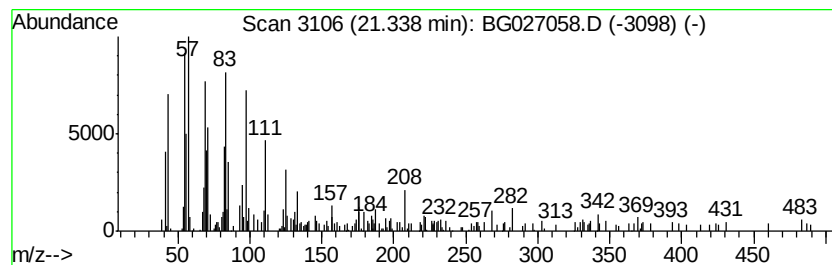
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	2.47 ng/ul	260128	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	83
2		Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	83
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	83
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	80
5		1-Heneicosanol	312	C21H44O	015594-90-8	80



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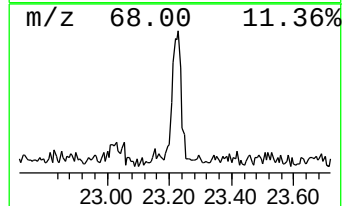
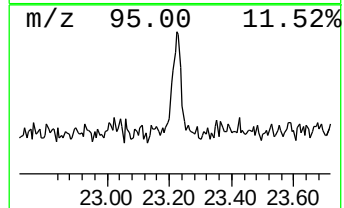
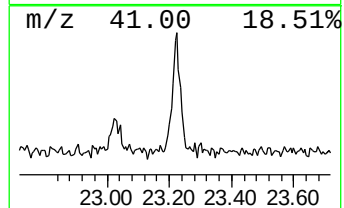
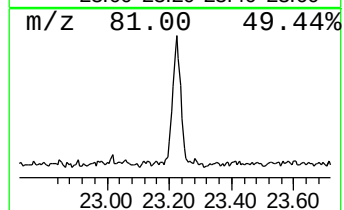
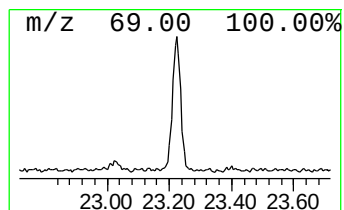
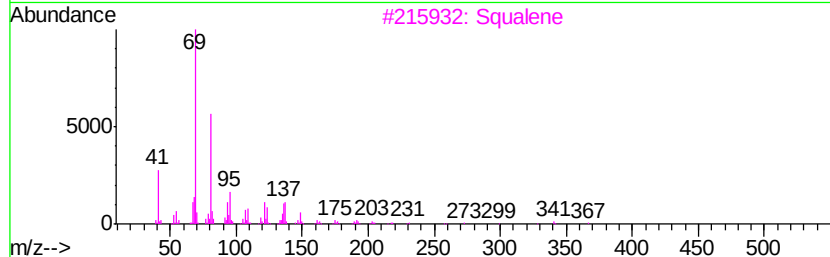
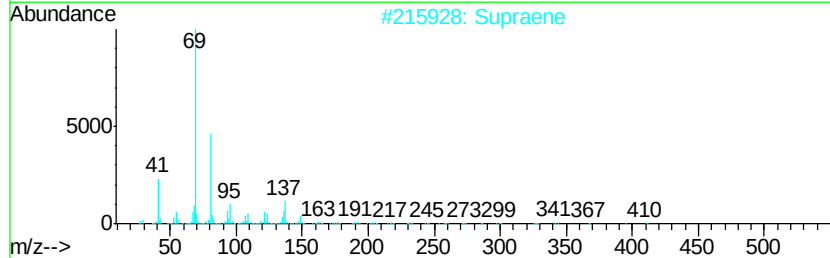
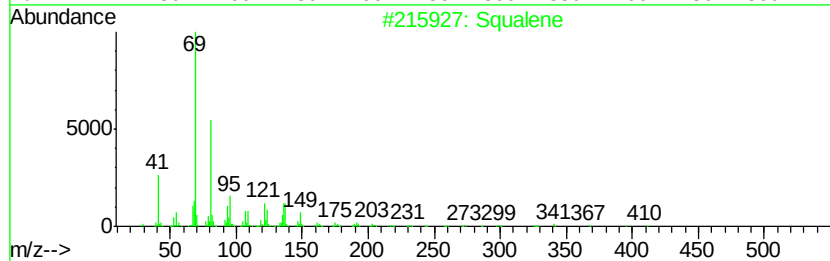
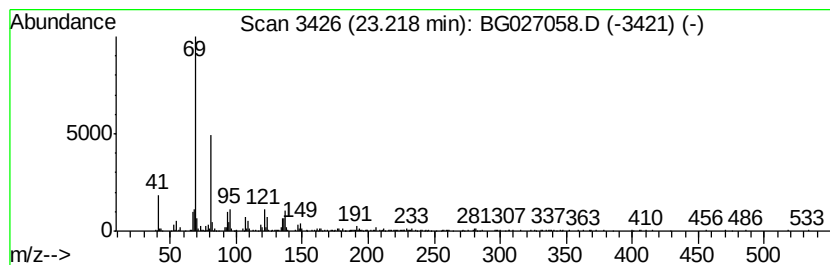
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	3.26 ng/ul	306635	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	99
2		Supraene	410	C30H50	007683-64-9	98
3		Squalene	410	C30H50	000111-02-4	90
4		Squalene	410	C30H50	000111-02-4	87
5		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027058.D
Acq On : 22 May 2017 14:56
Operator : SJ/MA
Sample : I3211-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF006-01

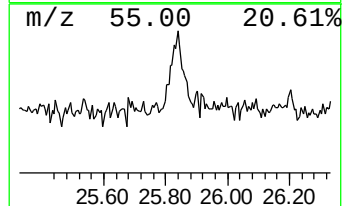
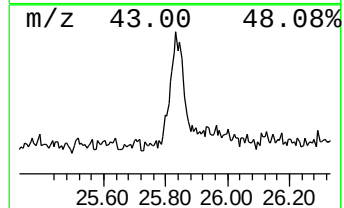
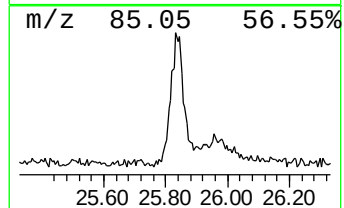
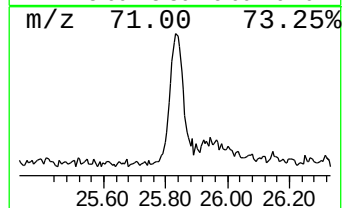
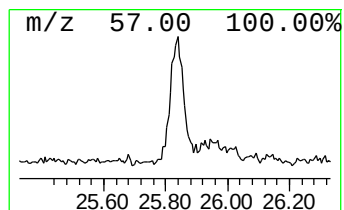
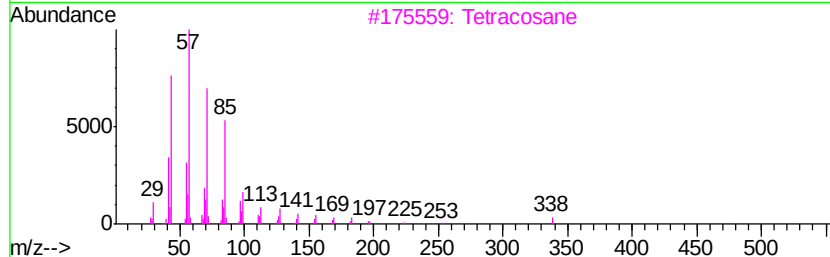
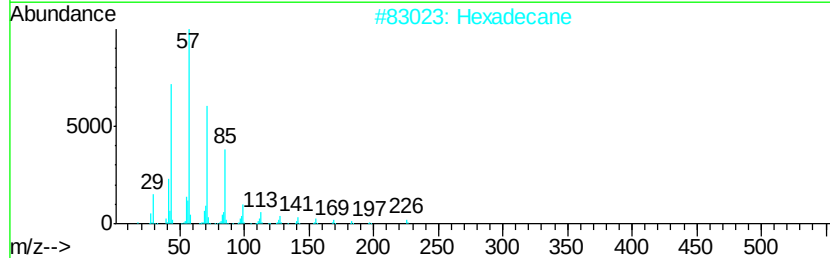
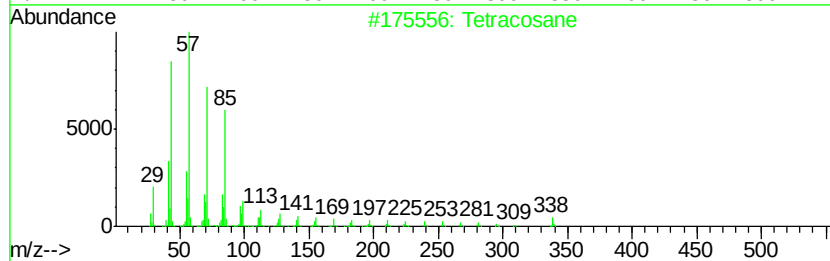
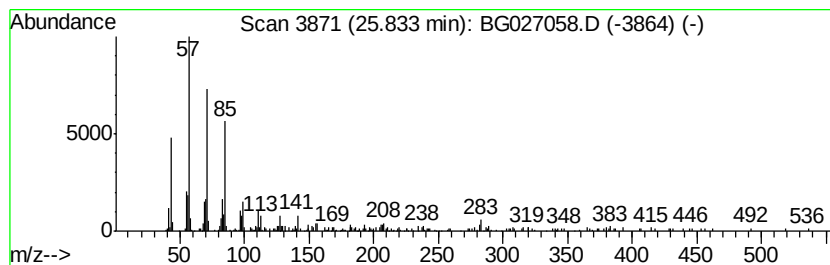
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Quant Title : SVOA CALIBRATION

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.
25.83	2.57 ng/ul	241402	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027058.D
Acq On : 22 May 2017 14:56
Operator : SJ/MA
Sample : I3211-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF006-01

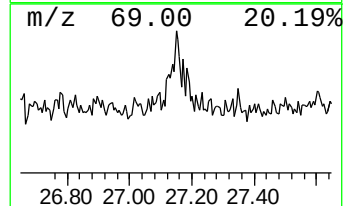
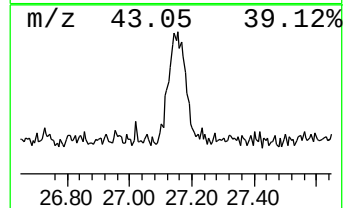
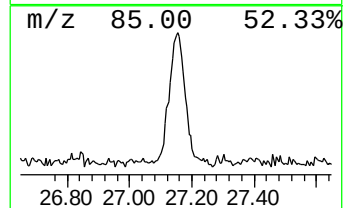
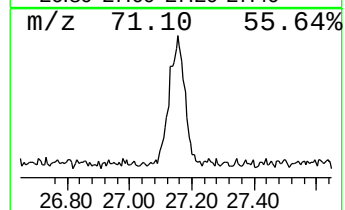
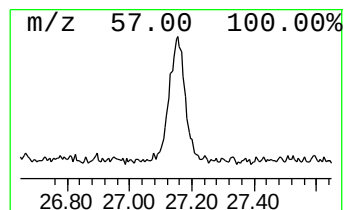
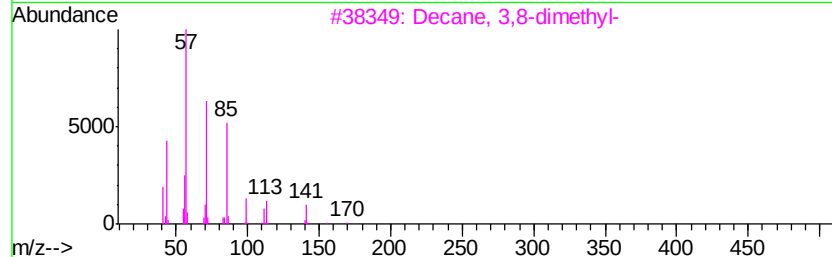
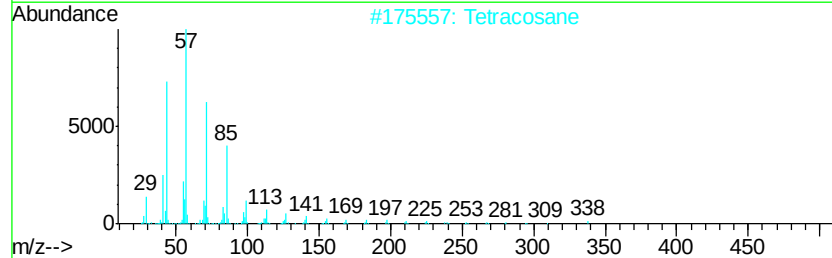
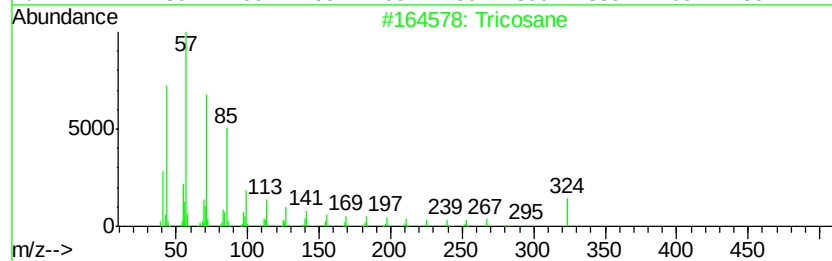
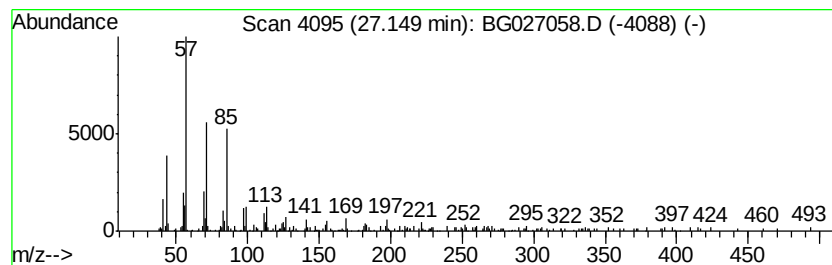
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.84 ng/ul	267004	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
4		Hexacosane	366	C26H54	000630-01-3	74
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027058.D
Acq On : 22 May 2017 14:56
Operator : SJ/MA
Sample : I3211-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF006-01

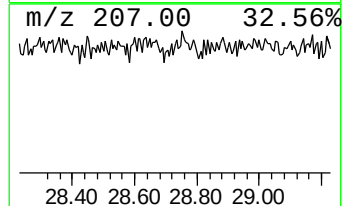
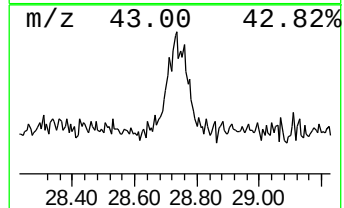
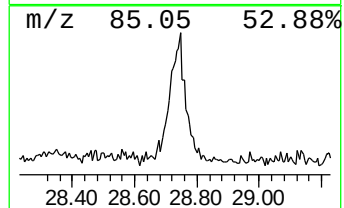
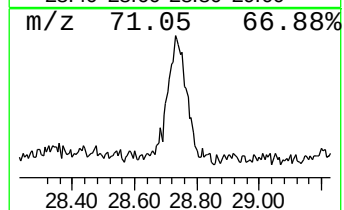
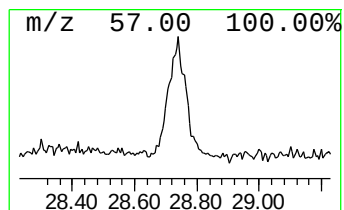
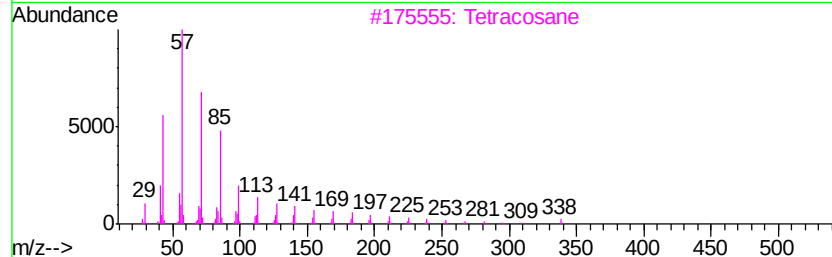
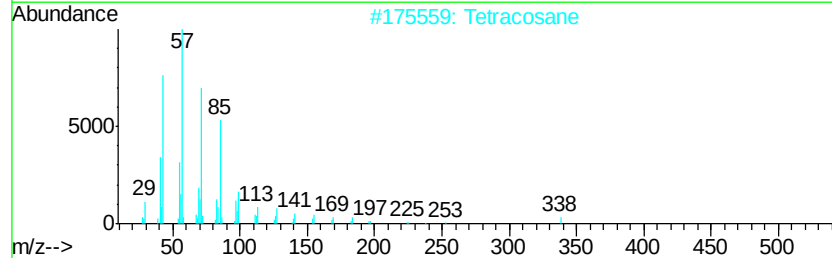
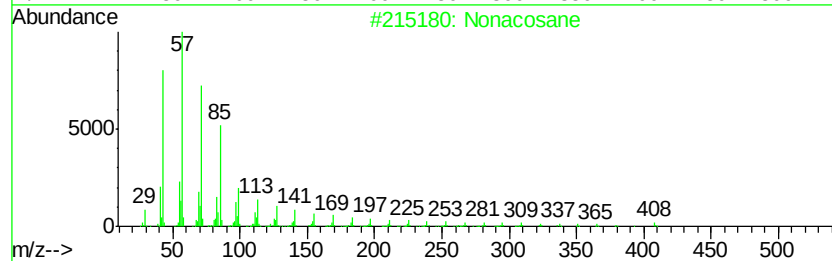
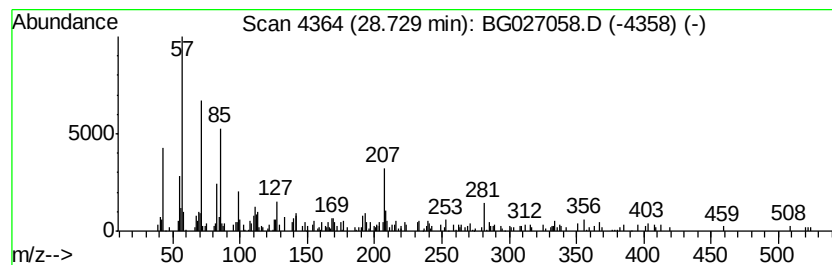
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.73	2.65 ng/ul	249002	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	55
2		Tetracosane	338	C24H50	000646-31-1	55
3		Tetracosane	338	C24H50	000646-31-1	51
4		6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	43
5		Heptadecane, 8,8-dipentyl-	380	C27H56	055282-28-5	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027058.D
Acq On : 22 May 2017 14:56
Operator : SJ/MA
Sample : I3211-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF006-01

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	353273	4	17.35	2096780	20.0
Dichloroacetic ac...	21.34	2.5	ng/ul	260128	5	21.60	2104470	20.0
Squalene	23.22	3.3	ng/ul	306635	6	24.77	1882200	20.0
(DEL) Alkane: Str...	25.83	2.6	ng/ul	241402	6	24.77	1882200	20.0
(DEL) Alkane: Str...	27.15	2.8	ng/ul	267004	6	24.77	1882200	20.0
(DEL) Alkane: Str...	28.73	2.6	ng/ul	249002	6	24.77	1882200	20.0