

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
 Data File : BG022850.D
 Acq On : 5 Jul 2016 14:37
 Operator : UM/SJ
 Sample : H3811-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TV4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	3.830	165	169	171	rBV4	20310	27958	0.73%	0.060%
2	4.189	228	230	233	rVB3	12083	11458	0.30%	0.024%
3	5.164	393	396	398	rBV3	8557	9258	0.24%	0.020%
4	6.210	569	574	576	rBV4	8859	13043	0.34%	0.028%
5	6.427	609	611	615	rBV5	10593	9355	0.24%	0.020%
6	6.774	666	670	673	rBV5	11751	19617	0.51%	0.042%
7	7.303	753	760	775	rVB	553802	1043059	27.20%	2.225%
8	7.473	782	789	796	rBV	364409	638848	16.66%	1.362%
9	7.685	818	825	833	rBV	479107	861426	22.47%	1.837%
10	7.749	833	836	837	rVV3	9558	10815	0.28%	0.023%
11	8.155	899	905	914	rVV	467548	808692	21.09%	1.725%
12	8.396	944	946	949	rVB4	8632	8499	0.22%	0.018%
13	8.689	993	996	998	rBV2	9445	9981	0.26%	0.021%
14	8.860	1017	1025	1035	rBV	670628	1184971	30.90%	2.527%
15	8.989	1042	1047	1050	rBV6	9310	15662	0.41%	0.033%
16	9.101	1064	1066	1070	rBV4	6095	7848	0.20%	0.017%
17	9.330	1097	1105	1115	rBV	495675	923955	24.10%	1.971%
18	9.418	1117	1120	1122	rBV4	8444	8774	0.23%	0.019%
19	9.506	1133	1135	1138	rVB4	6110	7524	0.20%	0.016%
20	9.712	1166	1170	1171	rBV3	14368	15124	0.39%	0.032%
21	10.052	1218	1228	1238	rBV	457233	840109	21.91%	1.792%
22	10.188	1249	1251	1252	rBV2	12674	10241	0.27%	0.022%
23	10.593	1312	1320	1330	rBV	727662	1317555	34.36%	2.810%
24	10.664	1330	1332	1336	rVB4	7169	7719	0.20%	0.016%
25	10.722	1339	1342	1345	rBV5	7550	10621	0.28%	0.023%
26	10.810	1355	1357	1359	rBV3	7214	7827	0.20%	0.017%
27	10.981	1378	1386	1393	rBV	726132	1291928	33.69%	2.755%
28	11.116	1401	1409	1419	rBV	448881	875273	22.83%	1.867%
29	11.398	1455	1457	1459	rBV3	6443	8046	0.21%	0.017%
30	11.586	1487	1489	1492	rVB4	9881	8592	0.22%	0.018%
31	11.739	1511	1515	1517	rBV4	10495	13989	0.36%	0.030%
32	11.756	1517	1518	1523	rVB5	9130	10616	0.28%	0.023%
33	11.915	1541	1545	1547	rBV4	5739	7620	0.20%	0.016%
34	11.991	1556	1558	1562	rVB5	10396	10659	0.28%	0.023%

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35	12.379	1621	1624	1627	rBV4	6619	7579	0.20%	0.016%
36	12.491	1641	1643	1647	rVB4	12718	10601	0.28%	0.023%
37	12.561	1650	1655	1657	rVV4	15253	24915	0.65%	0.053%
38	13.137	1749	1753	1755	rBV5	10896	14732	0.38%	0.031%
39	13.319	1779	1784	1787	rVB5	6193	8155	0.21%	0.017%
40	13.390	1793	1796	1799	rBV5	9028	11207	0.29%	0.024%
41	13.537	1814	1821	1822	rBV5	6429	10507	0.27%	0.022%
42	13.595	1828	1831	1836	rVV7	13895	19080	0.50%	0.041%
43	13.672	1840	1844	1848	rVB6	12363	18516	0.48%	0.039%
44	13.854	1873	1875	1878	rVV3	7125	8519	0.22%	0.018%
45	14.189	1926	1932	1936	rBV	1469773	2128142	55.50%	4.539%
46	14.236	1936	1940	1947	rVV	414285	598494	15.61%	1.276%
47	14.300	1949	1951	1959	rVB7	11985	25636	0.67%	0.055%
48	14.488	1976	1983	1992	rBV	1475183	2335793	60.92%	4.982%
49	14.671	2007	2014	2019	rBV4	28271	43386	1.13%	0.093%
50	14.741	2023	2026	2028	rBV4	10512	8566	0.22%	0.018%
51	14.794	2028	2035	2043	rVV2	1346117	2155545	56.21%	4.597%
52	14.988	2061	2068	2079	rBV	534416	1006217	26.24%	2.146%
53	15.135	2090	2093	2095	rBV3	14870	16323	0.43%	0.035%
54	15.199	2102	2104	2111	rVB7	21434	29946	0.78%	0.064%
55	15.346	2126	2129	2134	rBV6	12188	21248	0.55%	0.045%
56	15.517	2154	2158	2162	rBV2	34506	49126	1.28%	0.105%
57	15.575	2165	2168	2170	rBV3	9163	10494	0.27%	0.022%
58	15.617	2170	2175	2180	rVB3	47956	73407	1.91%	0.157%
59	15.664	2180	2183	2184	rBV3	9451	7970	0.21%	0.017%
60	15.722	2190	2193	2196	rBV3	6716	10639	0.28%	0.023%
61	15.787	2196	2204	2216	rVB	2066188	3207070	83.64%	6.840%
62	15.899	2216	2223	2231	rBV	604461	940689	24.53%	2.006%
63	16.028	2237	2245	2249	rVB7	32544	63573	1.66%	0.136%
64	16.157	2263	2267	2270	rBV5	10021	16319	0.43%	0.035%
65	16.239	2279	2281	2284	rBV4	12662	13393	0.35%	0.029%
66	16.310	2290	2293	2294	rBV3	9011	8917	0.23%	0.019%
67	16.480	2318	2322	2326	rBV3	45889	63152	1.65%	0.135%
68	16.562	2334	2336	2340	rBV5	11603	10681	0.28%	0.023%
69	16.821	2379	2380	2384	rBV4	13772	16305	0.43%	0.035%
70	16.886	2389	2391	2392	rBV2	12932	10094	0.26%	0.022%
71	16.986	2406	2408	2412	rBV5	12085	15338	0.40%	0.033%

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72	17.056	2417	2420	2422	rBV4	14676	22216	0.58%	0.047%
73	17.279	2453	2458	2461	rBV	97743	126330	3.29%	0.269%
74	17.420	2478	2482	2483	rBV3	27243	37777	0.99%	0.081%
75	17.550	2497	2504	2509	rBV2	1643542	2619895	68.32%	5.587%
76	17.649	2515	2521	2534	rVB	1910494	3110141	81.11%	6.633%
77	17.884	2559	2561	2562	rBV2	14155	11672	0.30%	0.025%
78	17.908	2562	2565	2570	rVB6	38821	61678	1.61%	0.132%
79	18.014	2580	2583	2589	rBV3	51522	80980	2.11%	0.173%
80	18.061	2589	2591	2597	rVB7	11238	17466	0.46%	0.037%
81	18.302	2627	2632	2635	rBV7	23420	39604	1.03%	0.084%
82	18.360	2638	2642	2647	rBV8	24876	36390	0.95%	0.078%
83	18.413	2647	2651	2660	rBV2	368475	520043	13.56%	1.109%
84	18.707	2697	2701	2705	rBV7	23624	42307	1.10%	0.090%
85	18.919	2735	2737	2740	rVB4	32157	34865	0.91%	0.074%
86	19.265	2792	2796	2804	rBV5	138860	296267	7.73%	0.632%
87	19.559	2844	2846	2849	rBV3	38614	49680	1.30%	0.106%
88	19.588	2849	2851	2857	rVB2	77321	117821	3.07%	0.251%
89	19.676	2862	2866	2874	rBV2	167429	260514	6.79%	0.556%
90	19.929	2902	2909	2919	rBV	2564218	3834469	100.00%	8.178%
91	20.769	3049	3052	3055	rVB4	77586	91153	2.38%	0.194%
92	21.116	3109	3111	3118	rVB4	63068	80812	2.11%	0.172%
93	21.457	3164	3169	3183	rBV2	413562	827757	21.59%	1.765%
94	21.709	3209	3212	3218	rVB3	105684	136236	3.55%	0.291%
95	21.845	3229	3235	3242	rBV2	1692391	2998145	78.19%	6.394%
96	22.685	3370	3378	3393	rVB8	213076	679499	17.72%	1.449%
97	24.224	3634	3640	3647	rVB2	224934	466195	12.16%	0.994%
98	24.982	3760	3769	3782	rVB2	1128626	3289609	85.79%	7.016%
99	25.217	3799	3809	3822	rVB3	1008994	3112893	81.18%	6.639%
100	26.404	4005	4011	4026	rVB3	249722	809700	21.12%	1.727%

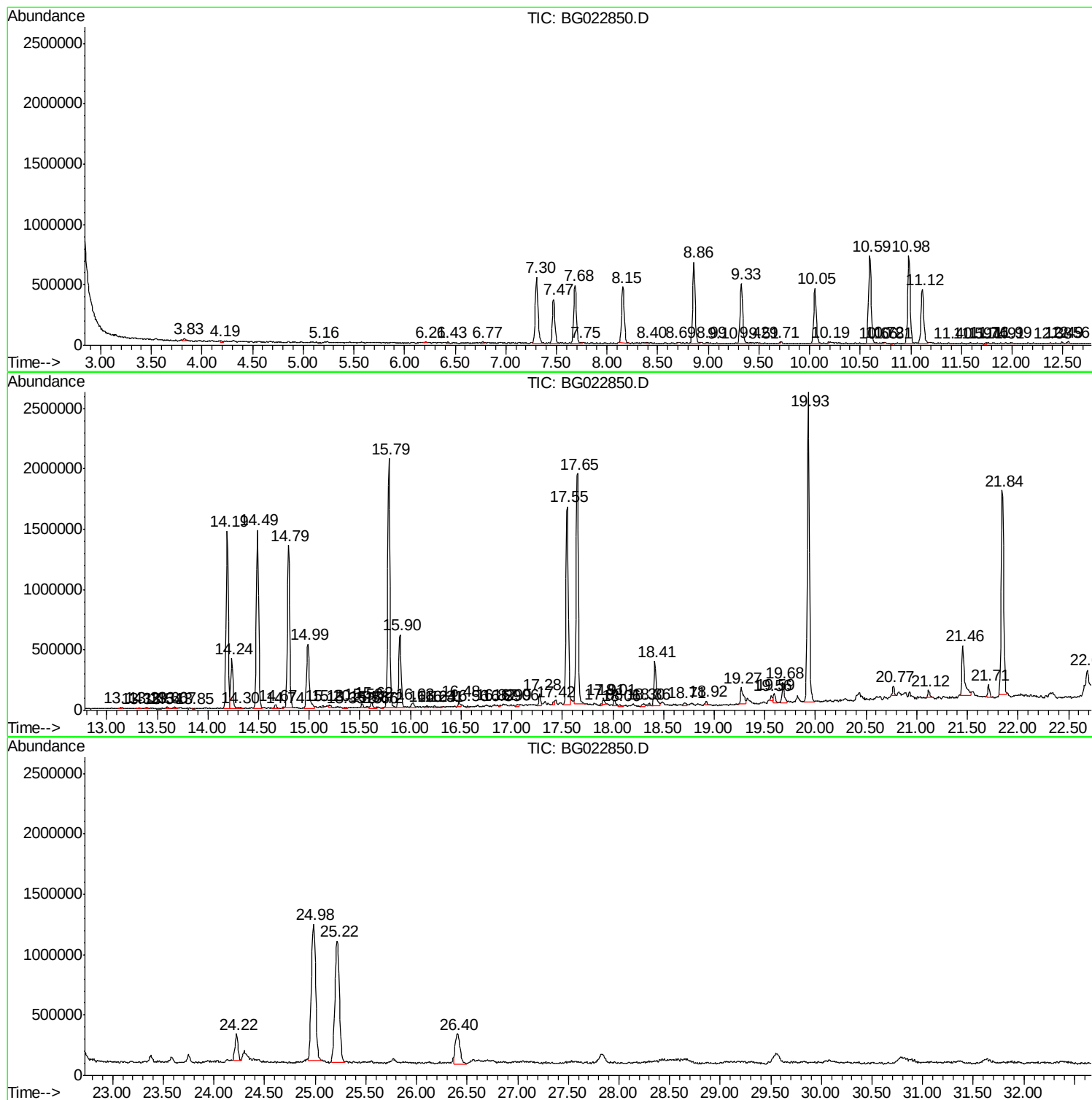
Sum of corrected areas: 46889050

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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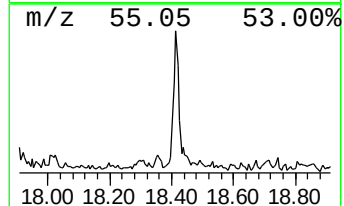
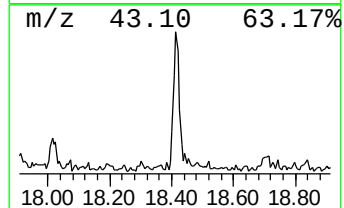
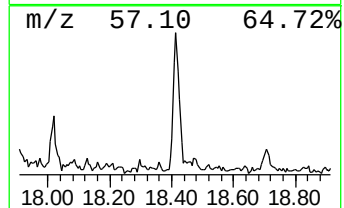
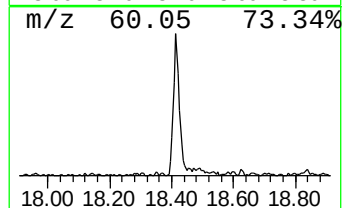
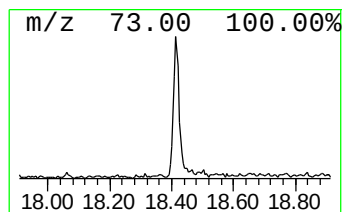
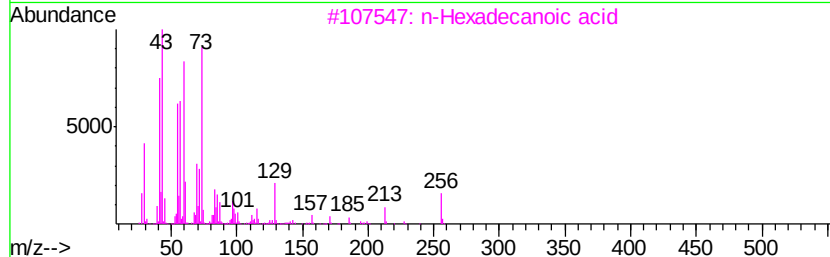
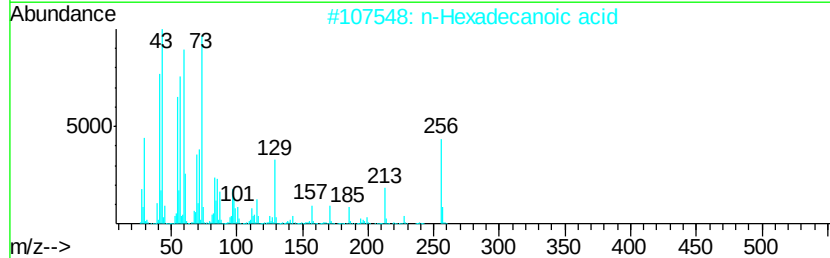
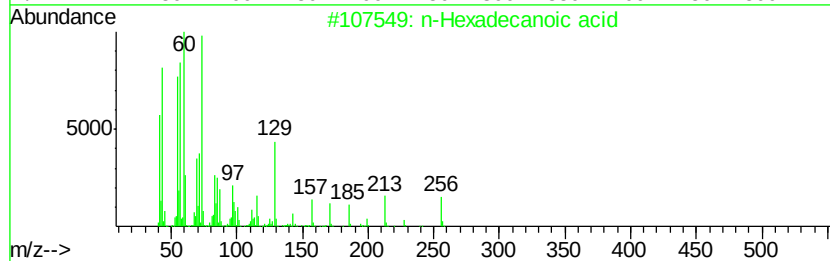
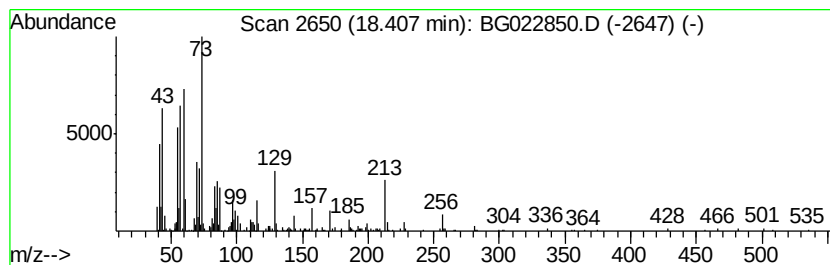
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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.
18.41	3.97 ng/ul	520043	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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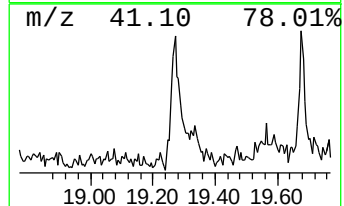
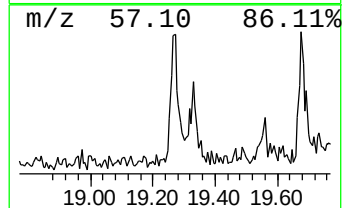
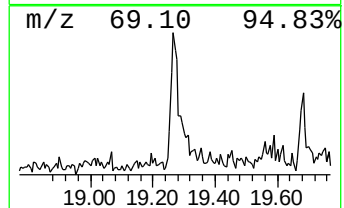
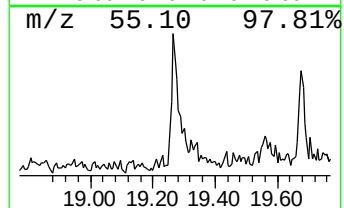
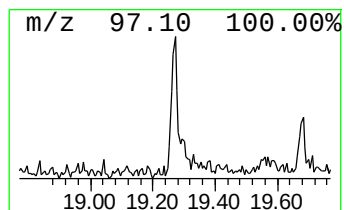
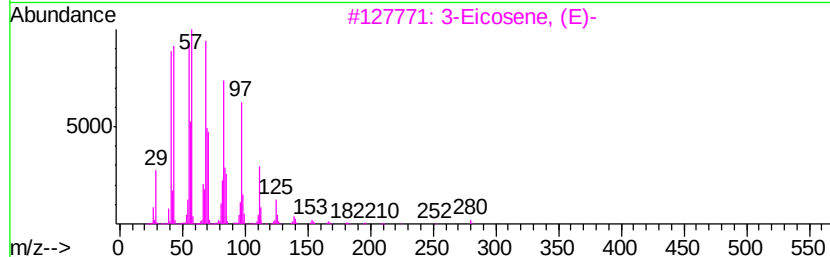
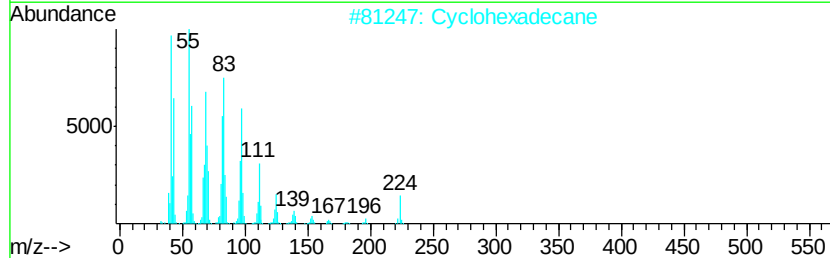
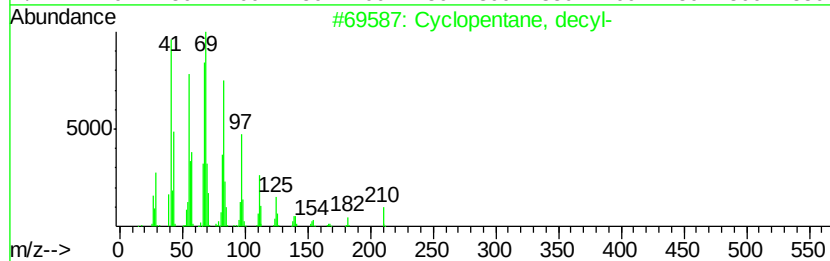
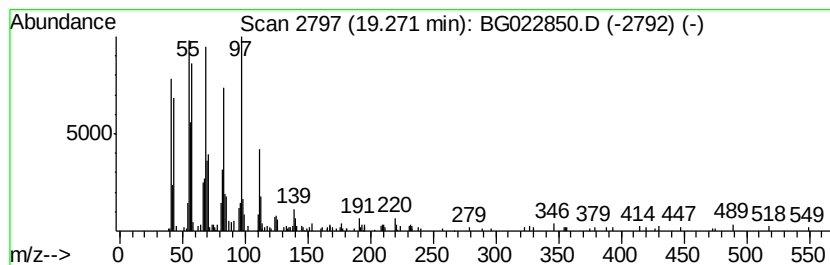
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic19.27 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.26 ng/ul	296267	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, decyl-	210	C15H30	001795-21-7	86
2		Cyclohexadecane	224	C16H32	000295-65-8	86
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	83
4		Cyclotetradecane	196	C14H28	000295-17-0	80
5		Cetene	224	C16H32	000629-73-2	78



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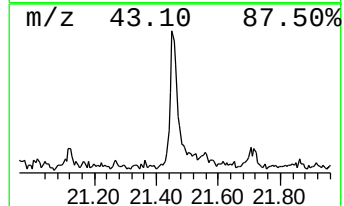
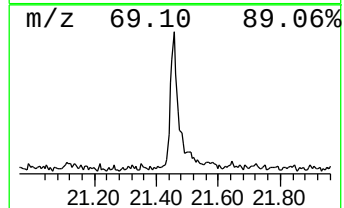
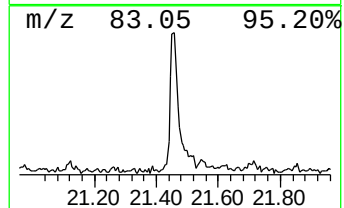
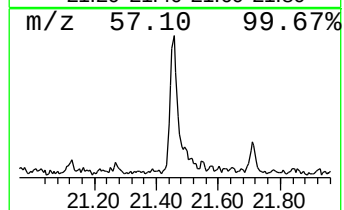
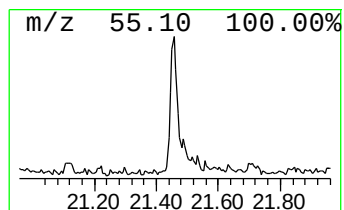
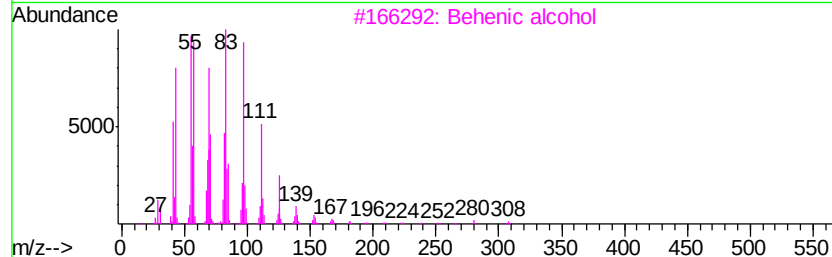
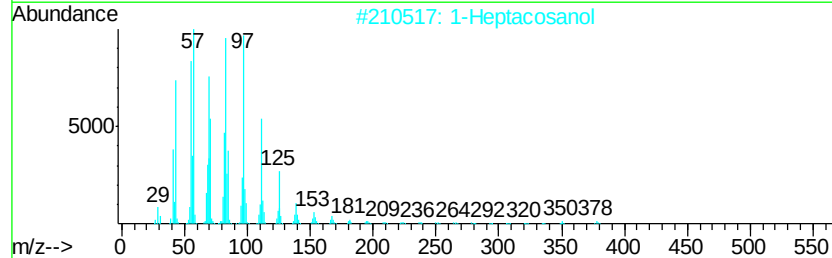
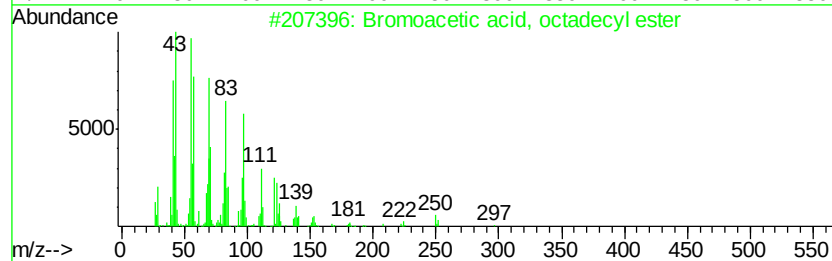
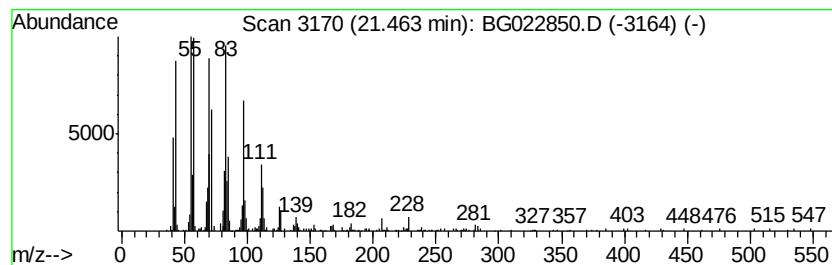
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Bromoacetic acid, octadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.46	5.52 ng/ul	827757	Chrysene-d12	21.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
2	1-Heptacosanol	396	C27H56O	002004-39-9	81
3	Behenic alcohol	326	C22H46O	000661-19-8	81
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	72



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Acq On : 5 Jul 2016 14:37
Operator : UM/SJ
Sample : H3811-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TV4

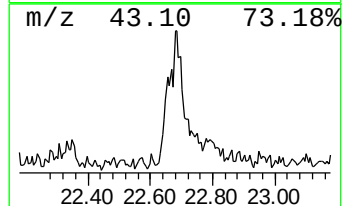
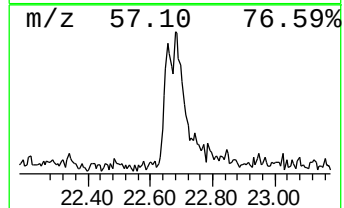
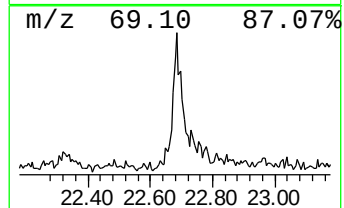
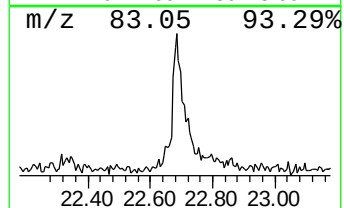
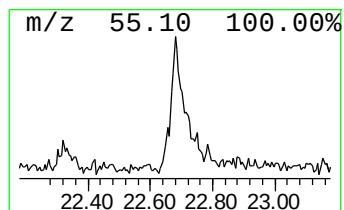
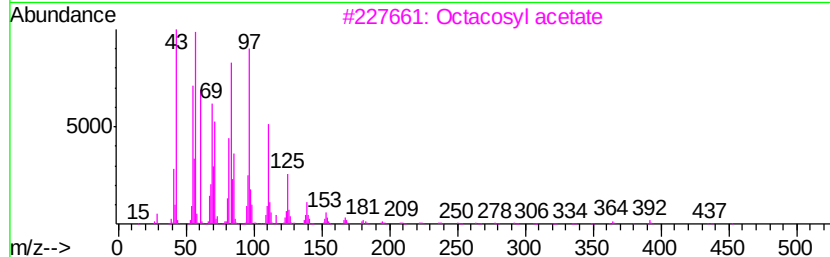
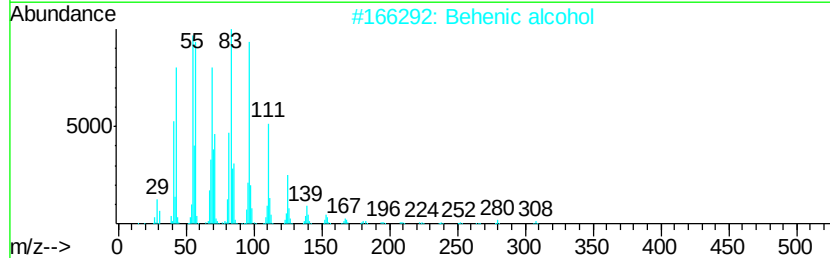
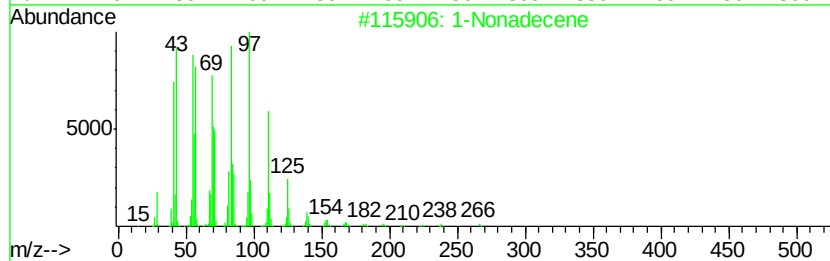
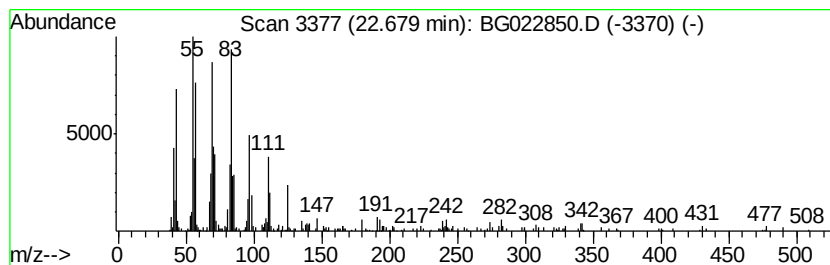
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic22.68 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	4.53 ng/ul	679499	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	95
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		Octacosyl acetate	452	C30H60O2	018206-97-8	92
4		1-Heneicosanol	312	C21H44O	015594-90-8	76
5		Octacosanol	410	C28H58O	000557-61-9	74



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Acq On : 5 Jul 2016 14:37
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Sample : H3811-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TV4

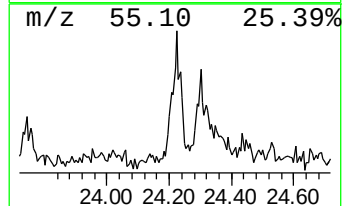
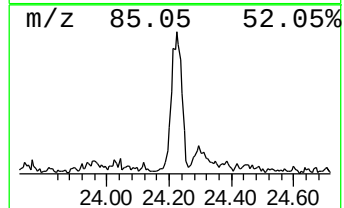
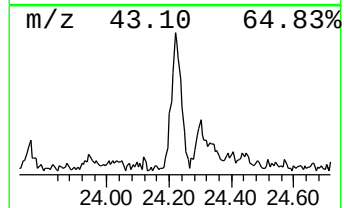
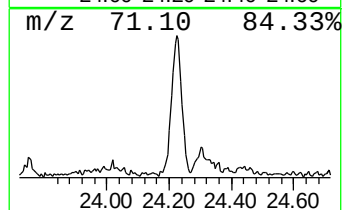
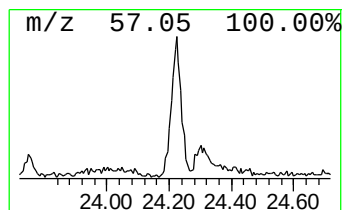
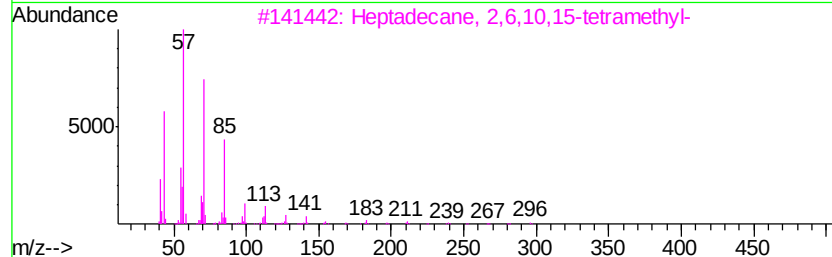
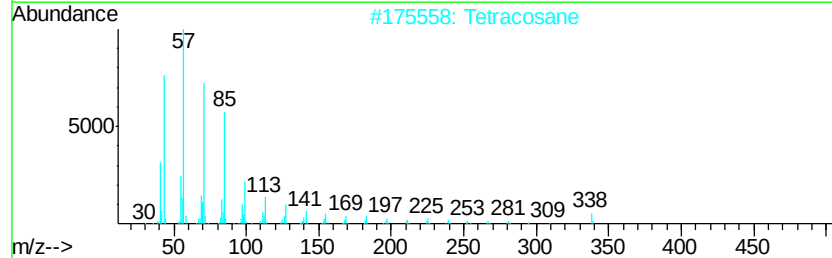
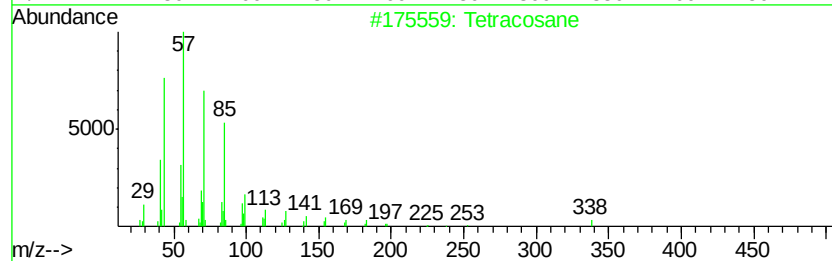
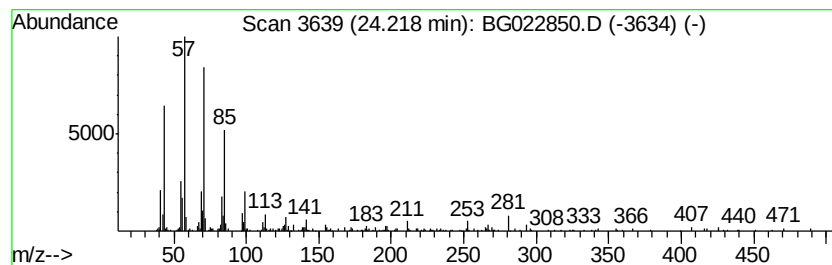
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	3.00 ng/ul	466195	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Tetracosane	338	C24H50	000646-31-1	94
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4		Heptacosane	380	C27H56	000593-49-7	91
5		Eicosane	282	C20H42	000112-95-8	91



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Sample : H3811-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TV4

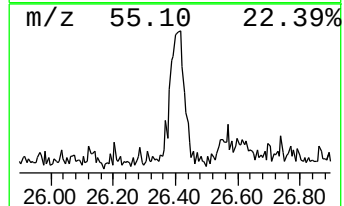
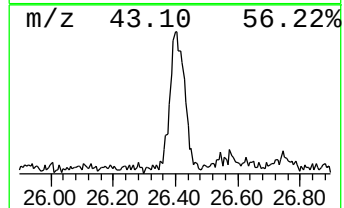
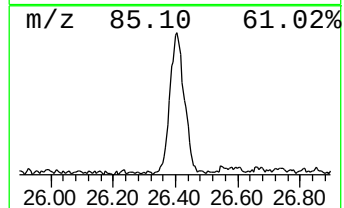
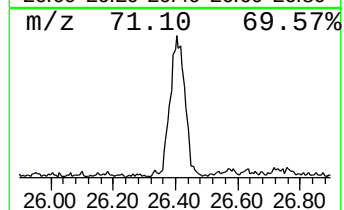
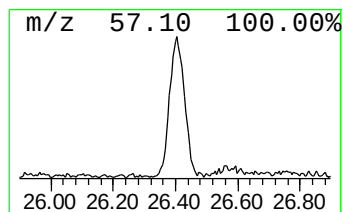
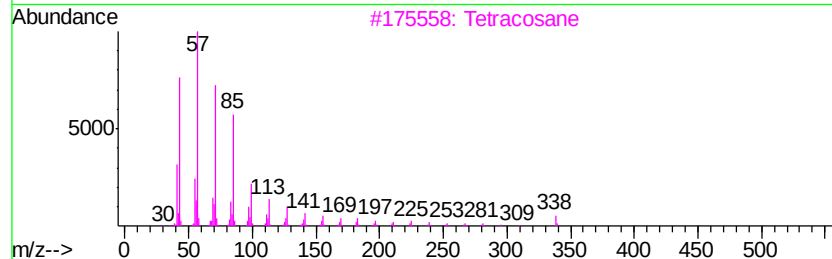
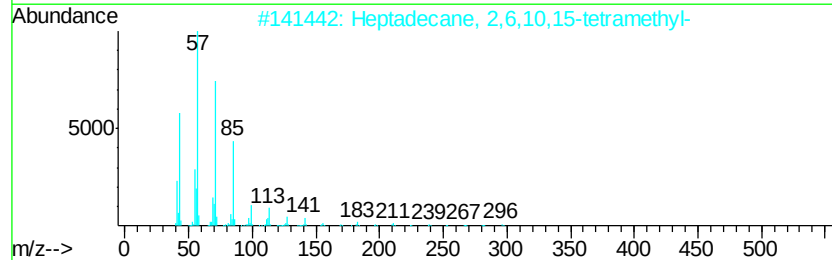
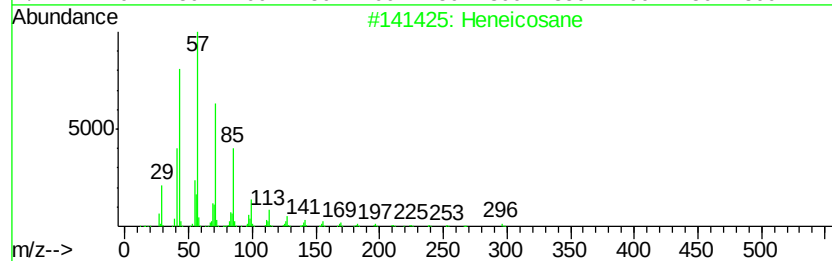
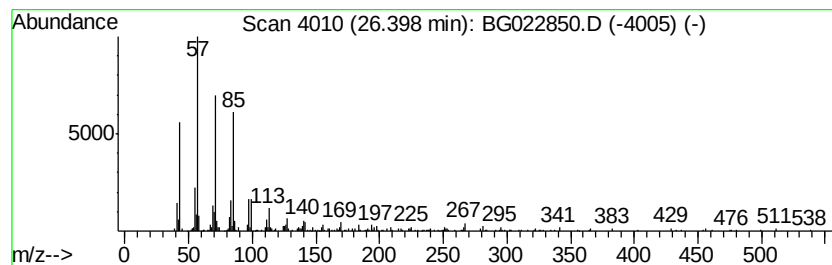
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.40	5.20 ng/ul	809700	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	86
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Tetracosane	338	C24H50	000646-31-1	80
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	80
5		Benzeneacetic acid, 2-tetradecyl...	332	C22H36O2	1000282-02-4	80



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Sample : H3811-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TV4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	18.41	4.0	ng/ul	520043	4	17.55	2619900	20.0
(DEL) Alkane: Cyc...	19.27	2.3	ng/ul	296267	4	17.55	2619900	20.0
Bromoacetic acid,...	21.46	5.5	ng/ul	827757	5	21.84	2998150	20.0
(DEL) Alkane: Cyc...	22.68	4.5	ng/ul	679499	5	21.84	2998150	20.0
(DEL) Alkane: Str...	24.22	3.0	ng/ul	466195	6	25.22	3112890	20.0
(DEL) Alkane: Str...	26.40	5.2	ng/ul	809700	6	25.22	3112890	20.0