LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023517.D
Acq On : 6 Aug 2016 10:27
Operator : UM/SJ
Sample : H4249-12
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDJQ3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG080416.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	3.485	108	110	115	rVB3	15215	19316	0.33%	0.031%
2	4.249	237	240	246	rVV6	9369	18136	0.31%	0.029%
3	5.200	399	402	407	rBV5	6828	10626	0.18%	0.017%
4	7.268	748	754	771	rBV	757986	1381953	23.28%	2.208%
5	7.432	773	782	789	rBV	630693	1039118	17.50%	1.660%
6	7.644	811	818	827	rBV	740904	1265006	21.31%	2.021%
7	8.120	892	899	910	rVV	512232	925513	15.59%	1.479%
8	8.831	1012	1020	1029	rBV	954235	1735008	29.23%	2.772%
9	8.907	1032	1033	1041	rVB7	9753	13854	0.23%	0.022%
10	9.295	1091	1099	1108	rBV	742100	1367839	23.04%	2.186%
11	9.430	1119	1122	1125	rVV5	7182	12010	0.20%	0.019%
12	9.535	1138	1140	1145	rBV6	5599	9285	0.16%	0.015%
13	10.023	1215	1223	1234	rBV	703306	1260519	21.23%	2.014%
14	10.569	1307	1316	1329	rBV	947077	1794668	30.23%	2.868%
15	10.951	1374	1381	1391	rBV	818903	1483938	25.00%	2.371%
16	11.086	1397	1404	1417	rBV	969829	1840518	31.00%	2.941%
17	12.032	1562	1565	1569	rBV3	6174	9362	0.16%	0.015%
18	12.531	1646	1650	1657	rVV5	21452	38406	0.65%	0.061%
19	12.761	1683	1689	1692	rVB8	5545	12082	0.20%	0.019%
20	13.125	1747	1751	1757	rBV7	11867	19454	0.33%	0.031%
21	13.371	1787	1793	1796	rBV5	17216	24281	0.41%	0.039%
22	13.653	1836	1841	1846	rVB5	16533	23989	0.40%	0.038%
23	14.176	1921	1930	1934	rBV	2108927	3085382	51.97%	4.930%
24	14.223	1934	1938	1945	rVB	1031963	1506556	25.38%	2.407%
25	14.476	1973	1981	1990	rBV	2156333	3467492	58.41%	5.541%
26	14.646	2006	2010	2018	rVB3	31240	46195	0.78%	0.074%
27	14.781	2026	2033	2042	rVB2	1436620	2392994	40.31%	3.824%
28	14.993	2062	2069	2085	rBV	675858	1513187	25.49%	2.418%
29	15.146	2092	2095	2098	rVB5	6963	11261	0.19%	0.018%
30	15.181	2098	2101	2103	rVV4	9712	10949	0.18%	0.017%
31	15.204	2103	2105	2112	rVB8	12149	19045	0.32%	0.030%
32	15.263	2113	2115	2118	rBV3	13188	11509	0.19%	0.018%
33	15.334	2125	2127	2131	rVB5	10219	13925	0.23%	0.022%
34	15.457	2145	2148	2151	rBV5	6733	9440	0.16%	0.015%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023517.D
Acq On : 6 Aug 2016 10:27
Operator : UM/SJ
Sample : H4249-12
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDJQ3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG080416.M
Title : SVOA CALIBRATION

35	15.563	2162	2166	2168	rVV3	12045	18123	0.31%	0.029%
36	15.604	2168	2173	2179	rVB2	86148	113798	1.92%	0.182%
37	15.668	2181	2184	2187	rVB5	9165	9612	0.16%	0.015%
38	15.780	2195	2203	2211	rBV	2901594	4644930	78.24%	7.422%
39	15.897	2217	2223	2235	rBV	1099829	1676121	28.23%	2.678%
40	16.015	2235	2243	2248	rVB5	64189	112050	1.89%	0.179%
41	16.103	2255	2258	2262	rBV6	12997	16117	0.27%	0.026%
42	16.162	2264	2268	2273	rBV8	14264	24332	0.41%	0.039%
43	16.226	2277	2279	2284	rBV5	17666	19994	0.34%	0.032%
44	16.350	2298	2300	2306	rVB7	10037	12670	0.21%	0.020%
45	16.467	2316	2320	2331	rVV	111085	189857	3.20%	0.303%
46	16.743	2362	2367	2371	rBV8	13640	24468	0.41%	0.039%
47	16.808	2375	2378	2382	rBV6	21272	34886	0.59%	0.056%
48	16.873	2386	2389	2390	rVV3	10797	9345	0.16%	0.015%
49	16.926	2393	2398	2403	rVB6	15555	25950	0.44%	0.041%
50	16.984	2403	2408	2412	rVB6	11261	16505	0.28%	0.026%
51	17.043	2416	2418	2423	rBV5	12242	13709	0.23%	0.022%
52	17.266	2452	2456	2460	rBV	64276	85124	1.43%	0.136%
53	17.325	2463	2466	2470	rVB5	23250	36003	0.61%	0.058%
54	17.542	2493	2503	2513	rBV2	2032293	3210660	54.08%	5.130%
55	17.642	2513	2520	2527	rBV	3280119	5152490	86.79%	8.233%
56	17.807	2545	2548	2552	rVB3	22364	30712	0.52%	0.049%
57	17.918	2561	2567	2572	rBV8	24883	46128	0.78%	0.074%
58	18.012	2580	2583	2586	rVB4	14959	17343	0.29%	0.028%
59	18.194	2611	2614	2618	rVB5	10705	14617	0.25%	0.023%
60	18.300	2627	2632	2634	rBV6	13672	21460	0.36%	0.034%
61	18.412	2647	2651	2662	rBV	319609	536857	9.04%	0.858%
62	18.494	2662	2665	2668	rVV	41963	55367	0.93%	0.088%
63	18.676	2694	2696	2699	rBV4	6630	10119	0.17%	0.016%
64	18.776	2710	2713	2715	rBV4	9930	12346	0.21%	0.020%
65	18.835	2719	2723	2727	rVB6	19146	24516	0.41%	0.039%
66	19.322	2804	2806	2809	rVV4	8291	11465	0.19%	0.018%
67	19.493	2833	2835	2839	rVB5	10662	12617	0.21%	0.020%
68	19.569	2839	2848	2854	rBV2	66339	142683	2.40%	0.228%
69	19.681	2862	2867	2876	rBV	203352	322773	5.44%	0.516%
70	19.816	2887	2890	2897	rVB3	47162	77189	1.30%	0.123%
71	19.933	2903	2910	2922	rBV	3994908	5936596	100.00%	9.486%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023517.D
Acq On : 6 Aug 2016 10:27
Operator : UM/SJ
Sample : H4249-12
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDJQ3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG080416.M
Title : SVOA CALIBRATION

72	20.192	2953	2954	2957	rBV3	11542	11281	0.19%	0.018%
73	20.433	2993	2995	3000	rVB5	10804	14963	0.25%	0.024%
74	20.667	3032	3035	3036	rBV3	12111	9555	0.16%	0.015%
75	20.685	3036	3038	3039	rBV2	10378	9669	0.16%	0.015%
76	20.761	3046	3051	3053	rBV6	16801	24402	0.41%	0.039%
77	20.814	3057	3060	3061	rBV3	16047	17526	0.30%	0.028%
78	21.043	3097	3099	3102	rVB4	17331	13294	0.22%	0.021%
79	21.143	3113	3116	3120	rBV6	18104	26017	0.44%	0.042%
80	21.184	3120	3123	3128	rVB6	31628	37444	0.63%	0.060%
81	21.273	3134	3138	3141	rBV6	18489	22182	0.37%	0.035%
82	21.361	3148	3153	3159	rBV9	45330	69768	1.18%	0.111%
83	21.478	3167	3173	3175	rBV7	34928	60608	1.02%	0.097%
84	21.525	3177	3181	3186	rVB4	173353	257026	4.33%	0.411%
85	21.860	3231	3238	3247	rVB2	1949091	3395596	57.20%	5.426%
86	22.042	3267	3269	3270	rVB2	19390	10490	0.18%	0.017%
87	22.060	3270	3272	3276	rBV5	12824	17671	0.30%	0.028%
88	22.724	3383	3385	3386	rBV2	14122	9808	0.17%	0.016%
89	23.376	3491	3496	3504	rBV6	72442	164238	2.77%	0.262%
90	23.581	3527	3531	3537	rVB3	39518	75656	1.27%	0.121%
91	24.227	3636	3641	3648	rVB7	54071	127489	2.15%	0.204%
92	25.009	3761	3774	3792	rBV2	1760398	5324503	89.69%	8.508%
93	25.238	3802	3813	3827	rVB2	1104831	3335514	56.19%	5.330%
94	25.549	3864	3866	3867	rBV2	16341	14643	0.25%	0.023%
95	25.996	3940	3942	3946	rBV5	14475	16942	0.29%	0.027%
96	26.413	4009	4013	4022	rVB5	74320	179648	3.03%	0.287%
97	27.828	4245	4254	4256	rBV6	76644	178427	3.01%	0.285%
98	28.480	4363	4365	4370	rBV6	13653	20865	0.35%	0.033%
99	28.927	4439	4441	4442	rBV2	16742	11983	0.20%	0.019%
100	31.841	4935	4937	4938	rBV2	12011	10545	0.18%	0.017%

Sum of corrected areas: 62580101

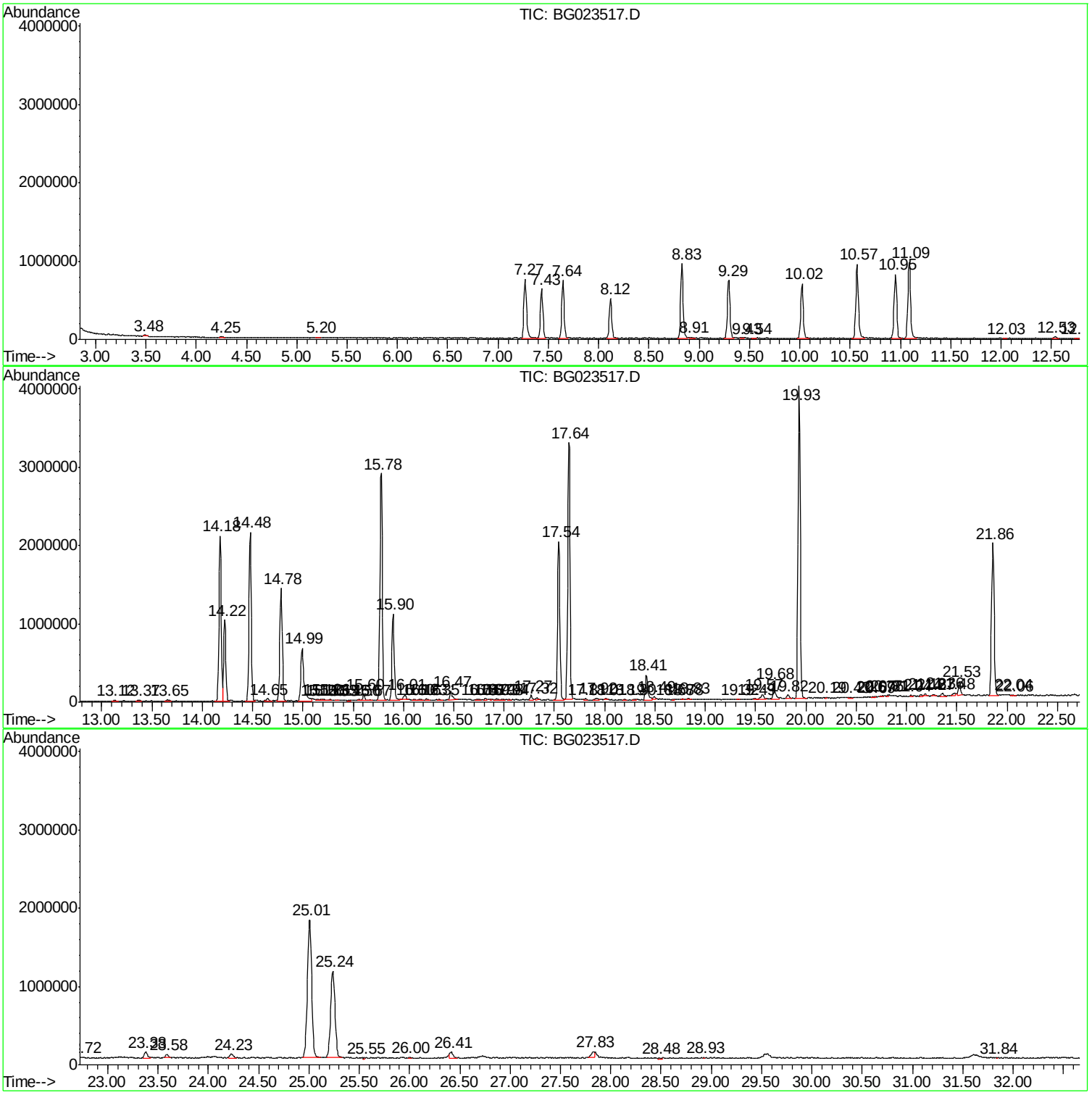
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023517.D
Acq On : 6 Aug 2016 10:27
Operator : UM/SJ
Sample : H4249-12
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDJQ3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023517.D
Acq On : 6 Aug 2016 10:27
Operator : UM/SJ
Sample : H4249-12
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDJQ3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

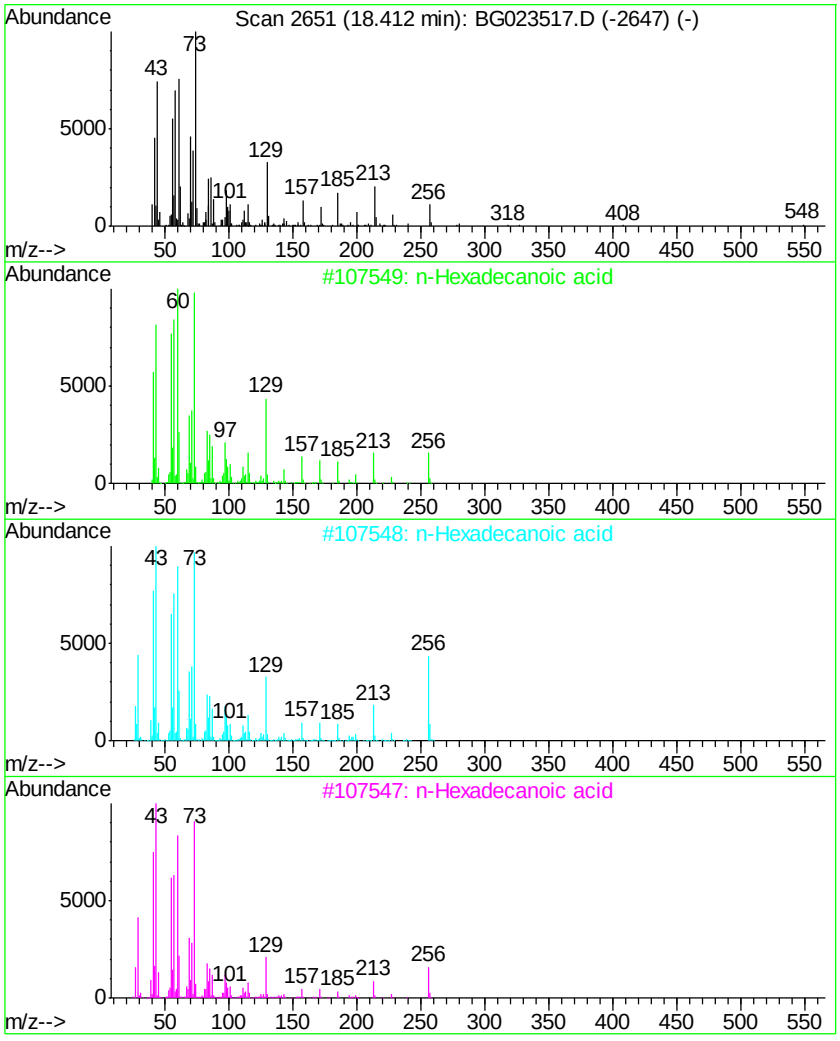
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

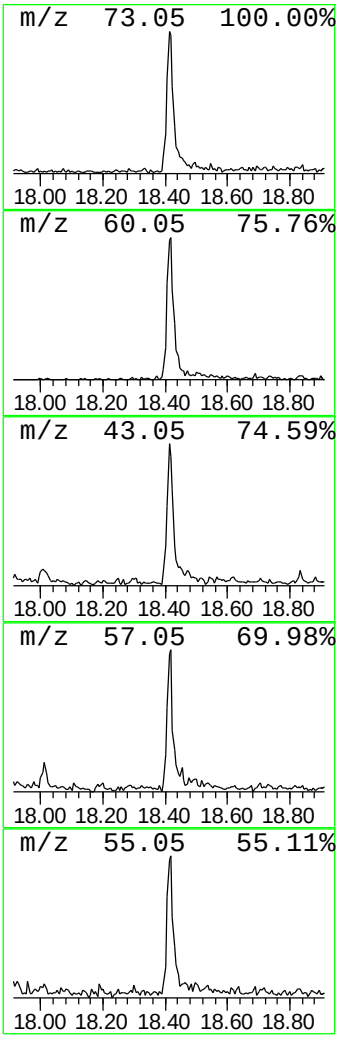
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.34 ng/ul	536857	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023517.D
Acq On : 6 Aug 2016 10:27
Operator : UM/SJ
Sample : H4249-12
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDJQ3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

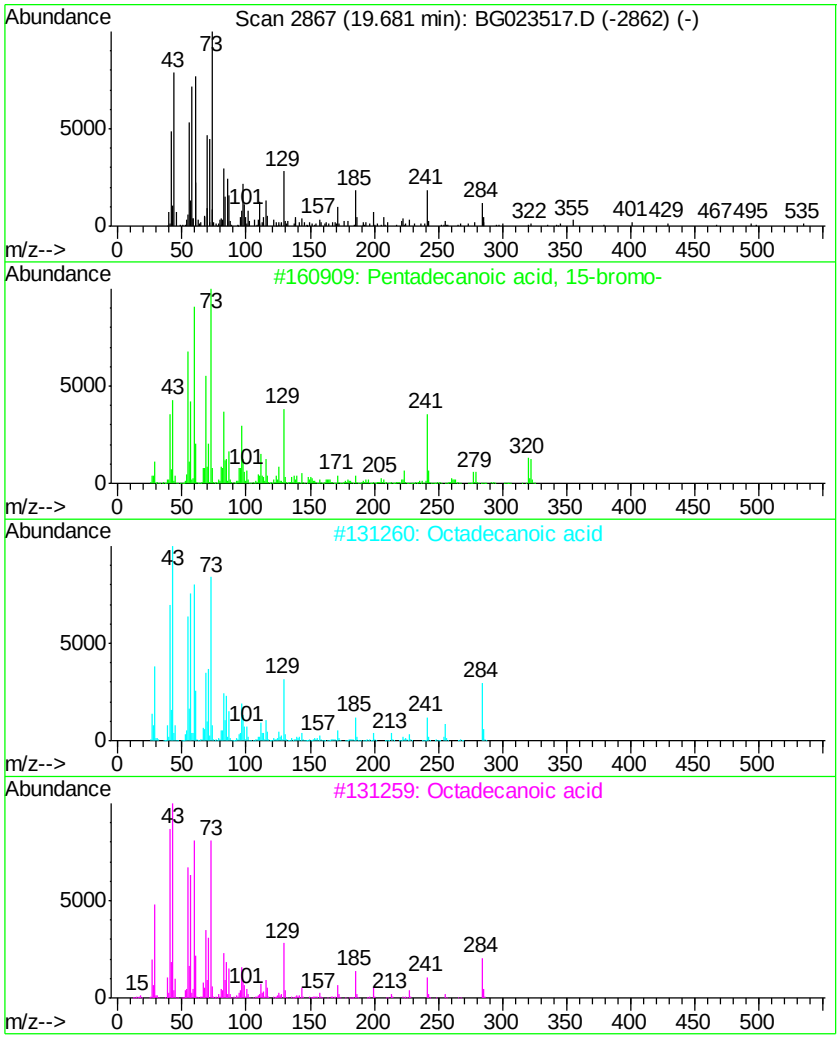
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

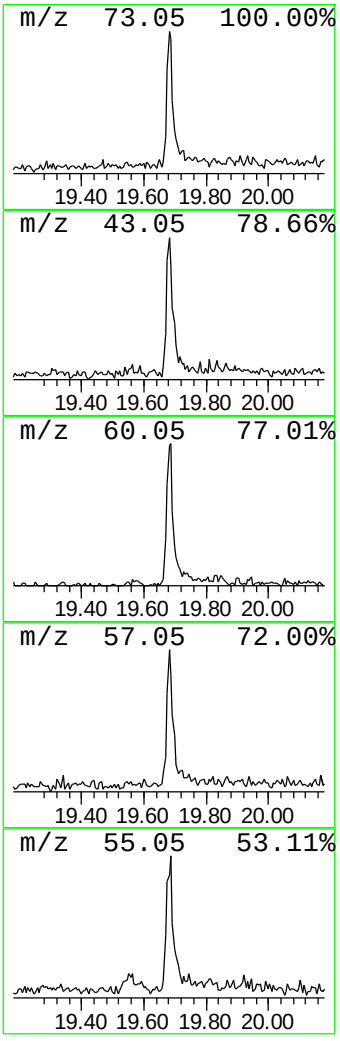
****

Peak Number 2 Pentadecanoic acid, 15-bromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.01 ng/ul	322773	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 15-bromo-	320	C15H29BrO2	056523-59-2	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023517.D
Acq On : 6 Aug 2016 10:27
Operator : UM/SJ
Sample : H4249-12
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDJQ3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.41	3.3	ng/ul	536857	4	17.54	3210660	20.0
Pentadecanoic aci...	19.68	2.0	ng/ul	322773	4	17.54	3210660	20.0