LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023663.D
Acq On : 12 Aug 2016 19:41
Operator : UM/SJ
Sample : H4385-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P002-SS004-0002-01

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	3.178	54	58	62	rVB2	28920	38027	1.36%	0.119%
2	3.489	107	111	114	rVB3	16067	19989	0.71%	0.063%
3	3.912	182	183	186	rVB3	7467	5303	0.19%	0.017%
4	4.018	196	201	204	rBV3	25449	38574	1.38%	0.121%
5	4.094	210	214	217	rVB6	10059	13253	0.47%	0.042%
6	4.400	262	266	268	rBV4	4433	6265	0.22%	0.020%
7	4.470	274	278	282	rBV3	33105	46661	1.66%	0.146%
8	4.658	308	310	313	rBV4	4362	5811	0.21%	0.018%
9	4.881	343	348	354	rBV3	19281	30082	1.07%	0.094%
10	5.175	395	398	405	rVB2	34141	59240	2.11%	0.186%
11	5.263	411	413	418	rVB6	9676	11237	0.40%	0.035%
12	5.692	485	486	489	rBV3	6124	6084	0.22%	0.019%
13	5.904	519	522	524	rBV4	5650	8649	0.31%	0.027%
14	6.045	542	546	547	rBV3	8922	8749	0.31%	0.027%
15	6.473	618	619	623	rVV4	5414	5050	0.18%	0.016%
16	6.761	666	668	671	rBV4	4700	5315	0.19%	0.017%
17	7.120	725	729	732	rVB5	4251	5399	0.19%	0.017%
18	7.214	743	745	747	rBV3	5307	4890	0.17%	0.015%
19	7.272	748	755	766	rVV	384880	687336	24.51%	2.152%
20	7.431	774	782	794	rVB	312186	518337	18.48%	1.623%
21	7.642	810	818	826	rBV	367719	669442	23.87%	2.096%
22	7.942	865	869	872	rVB5	4332	5402	0.19%	0.017%
23	8.030	883	884	888	rBV4	4728	5105	0.18%	0.016%
24	8.112	892	898	909	rVB	467391	836122	29.82%	2.618%
25	8.500	962	964	968	rVB6	5742	5807	0.21%	0.018%
26	8.647	985	989	990	rBV3	4153	4867	0.17%	0.015%
27	8.759	1005	1008	1010	rBV4	5258	6501	0.23%	0.020%
28	8.829	1012	1020	1029	rVV2	389235	721153	25.72%	2.258%
29	8.970	1042	1044	1046	rBV3	6592	5662	0.20%	0.018%
30	9.135	1070	1072	1075	rVB4	6526	6417	0.23%	0.020%
31	9.240	1087	1090	1092	rBV4	6799	5767	0.21%	0.018%
32	9.293	1092	1099	1111	rVB	378062	685594	24.45%	2.147%
33	9.411	1111	1119	1123	rBV8	12633	26321	0.94%	0.082%
34	10.022	1215	1223	1232	rBV	338899	625921	22.32%	1.960%

LSC Area Percent Report

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Data File : BG023663.D
Acq On : 12 Aug 2016 19:41
Operator : UM/SJ
Sample : H4385-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P002-SS004-0002-01

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	10.333	1272	1276	1279	rBV5	3300	5622	0.20%	0.018%
36	10.456	1294	1297	1299	rVB4	5791	6460	0.23%	0.020%
37	10.486	1299	1302	1306	rBV5	4732	7659	0.27%	0.024%
38	10.527	1306	1309	1310	rBV2	3943	4939	0.18%	0.015%
39	10.574	1310	1317	1327	rBV	467385	900469	32.11%	2.820%
40	10.903	1369	1373	1374	rBV4	4282	5059	0.18%	0.016%
41	10.950	1374	1381	1390	rBV	717624	1308093	46.65%	4.096%
42	11.091	1398	1405	1418	rBV2	379454	746116	26.61%	2.336%
43	11.443	1460	1465	1466	rBV5	3934	4984	0.18%	0.016%
44	11.743	1513	1516	1517	rBV3	6838	5216	0.19%	0.016%
45	12.048	1566	1568	1571	rVB4	5355	5958	0.21%	0.019%
46	12.095	1571	1576	1577	rBV4	4942	7189	0.26%	0.023%
47	12.224	1597	1598	1603	rBV4	4670	5625	0.20%	0.018%
48	12.430	1630	1633	1634	rBV3	6161	6661	0.24%	0.021%
49	12.471	1638	1640	1646	rVB7	11534	19041	0.68%	0.060%
50	12.542	1646	1652	1656	rBV6	12306	22648	0.81%	0.071%
51	12.612	1658	1664	1668	rVV6	8827	14785	0.53%	0.046%
52	12.665	1671	1673	1678	rVB6	6040	8729	0.31%	0.027%
53	12.753	1683	1688	1690	rBV5	5541	9266	0.33%	0.029%
54	12.830	1696	1701	1705	rBV8	9635	20121	0.72%	0.063%
55	12.924	1714	1717	1720	rBV5	4697	6720	0.24%	0.021%
56	13.117	1748	1750	1758	rVB7	6318	11517	0.41%	0.036%
57	13.376	1790	1794	1797	rVB4	7225	11640	0.42%	0.036%
58	13.435	1802	1804	1808	rVV4	6201	6370	0.23%	0.020%
59	13.658	1837	1842	1848	rVB4	32009	52300	1.87%	0.164%
60	14.098	1914	1917	1922	rVB6	16030	24497	0.87%	0.077%
61	14.181	1924	1931	1935	rVV	1036122	1491111	53.17%	4.669%
62	14.228	1935	1939	1950	rVB	523371	774394	27.62%	2.425%
63	14.339	1956	1958	1961	rVB4	7735	7813	0.28%	0.024%
64	14.480	1974	1982	1996	rBV	1056119	1764869	62.94%	5.527%
65	14.656	2009	2012	2015	rVB5	14272	15808	0.56%	0.050%
66	14.745	2025	2027	2028	rBV2	7219	6011	0.21%	0.019%
67	14.792	2028	2035	2043	rVV2	1232761	2016483	71.91%	6.314%
68	14.856	2043	2046	2048	rVV4	9102	10382	0.37%	0.033%
69	14.921	2053	2057	2058	rBV4	6030	6818	0.24%	0.021%
70	14.974	2064	2066	2067	rBV2	6927	5589	0.20%	0.018%
71	15.009	2067	2072	2086	rVV2	331379	731432	26.08%	2.290%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023663.D
Acq On : 12 Aug 2016 19:41
Operator : UM/SJ
Sample : H4385-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P002-SS004-0002-01

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	15.150	2093	2096	2098	rBV4	14260	17619	0.63%	0.055%
73	15.262	2112	2115	2120	rVB5	19528	27789	0.99%	0.087%
74	15.332	2124	2127	2128	rBV3	5621	5700	0.20%	0.018%
75	15.397	2134	2138	2142	rBV7	16828	32028	1.14%	0.100%
76	15.450	2145	2147	2152	rVB6	19032	25483	0.91%	0.080%
77	15.491	2152	2154	2158	rBV4	10104	9613	0.34%	0.030%
78	15.561	2162	2166	2170	rBV7	17654	31228	1.11%	0.098%
79	15.608	2170	2174	2178	rVB2	45941	59702	2.13%	0.187%
80	15.661	2181	2183	2187	rVB5	12495	14495	0.52%	0.045%
81	15.784	2198	2204	2210	rBV	1473882	2279325	81.28%	7.138%
82	15.914	2221	2226	2238	rBV	448948	692627	24.70%	2.169%
83	16.025	2238	2245	2249	rVB7	27639	53858	1.92%	0.169%
84	16.237	2278	2281	2283	rBV4	12993	13875	0.49%	0.043%
85	16.284	2286	2289	2292	rBV4	12235	17211	0.61%	0.054%
86	16.478	2317	2322	2325	rBV	63671	104689	3.73%	0.328%
87	17.271	2454	2457	2462	rBV3	48302	59276	2.11%	0.186%
88	17.417	2479	2482	2487	rBV6	45496	65045	2.32%	0.204%
89	17.482	2491	2493	2497	rBV5	21731	24235	0.86%	0.076%
90	17.553	2499	2505	2510	rBV	1600781	2577038	91.90%	8.070%
91	17.600	2510	2513	2517	rVV	289629	392808	14.01%	1.230%
92	17.652	2517	2522	2531	rVB2	1541368	2379376	84.85%	7.451%
93	18.422	2649	2653	2659	rBV2	428229	716586	25.55%	2.244%
94	18.481	2660	2663	2671	rVB2	198201	322740	11.51%	1.011%
95	18.622	2683	2687	2691	rBV3	157941	276079	9.85%	0.865%
96	18.663	2692	2694	2699	rVB	118520	131558	4.69%	0.412%
97	19.344	2806	2810	2814	rBV	214556	310970	11.09%	0.974%
98	19.609	2851	2855	2861	rVB	550238	802629	28.62%	2.513%
99	19.949	2907	2913	2916	rBV	1789168	2804195	100.00%	8.781%
100	21.882	3237	3242	3247	rVB	1456786	2493674	88.93%	7.809%

Sum of corrected areas: 31934177

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
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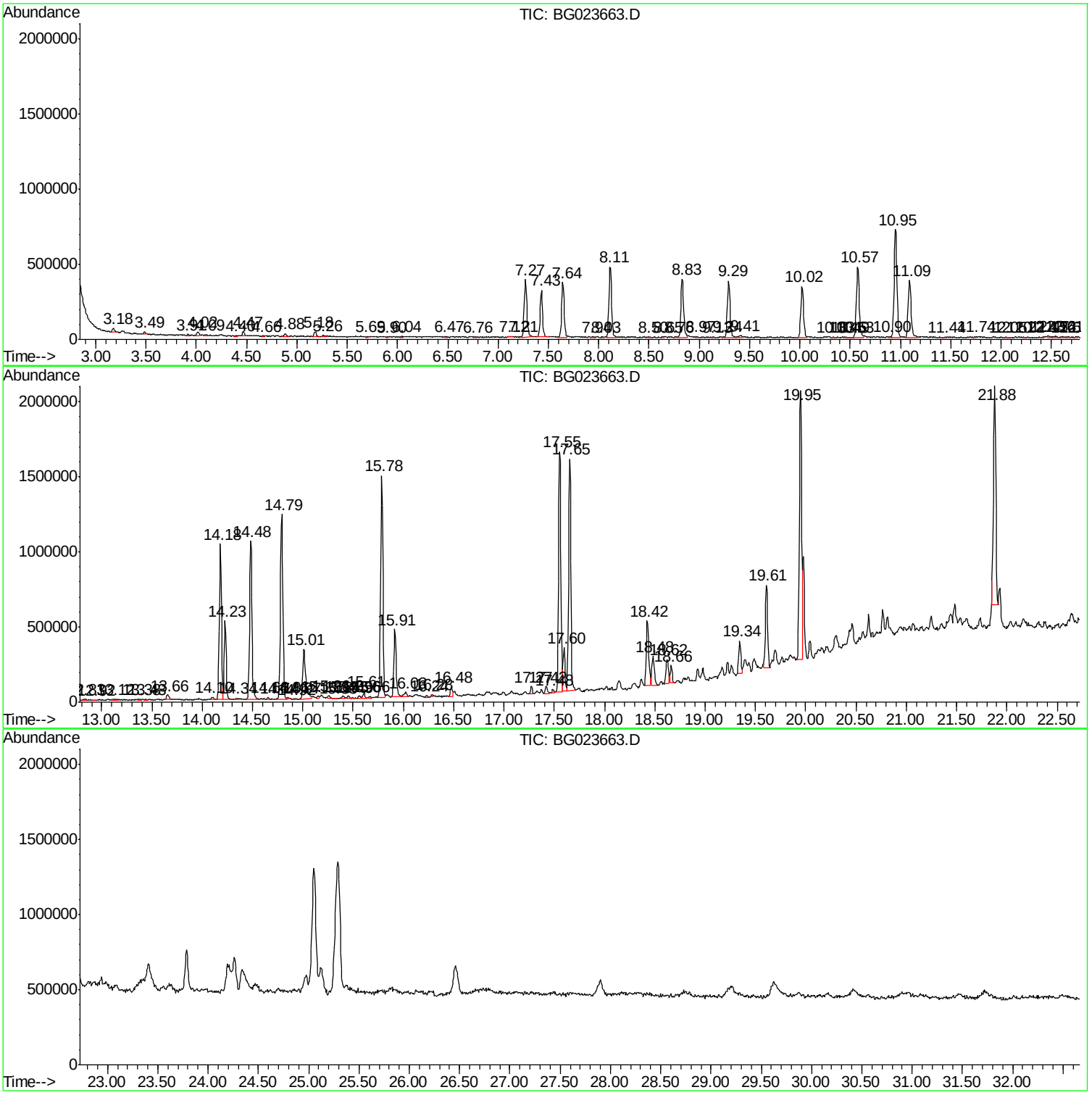
Sample : H4385-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0002-01

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



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

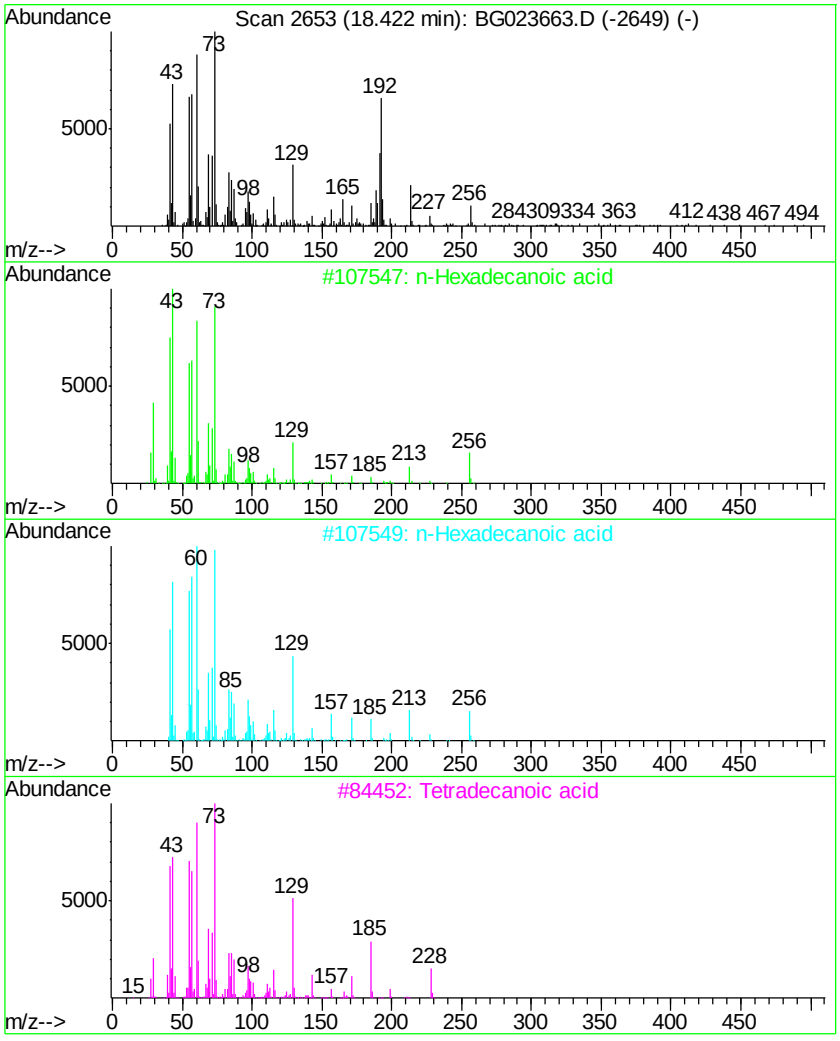
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

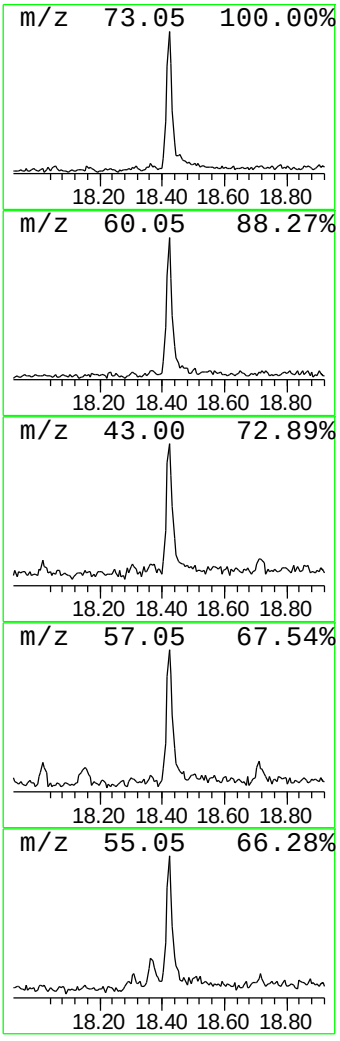
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.56 ng/ul	716586	Phenanthrene-d10	17.55

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	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023663.D
Acq On : 12 Aug 2016 19:41
Operator : UM/SJ
Sample : H4385-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P002-SS004-0002-01

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

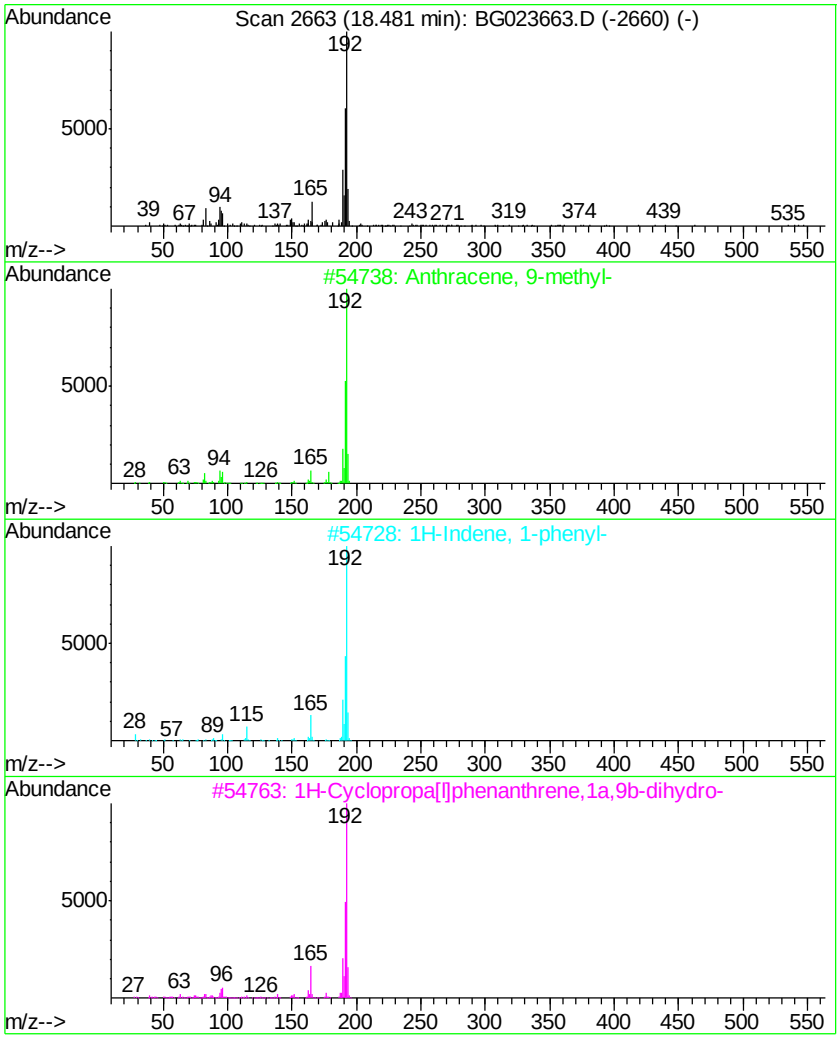
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

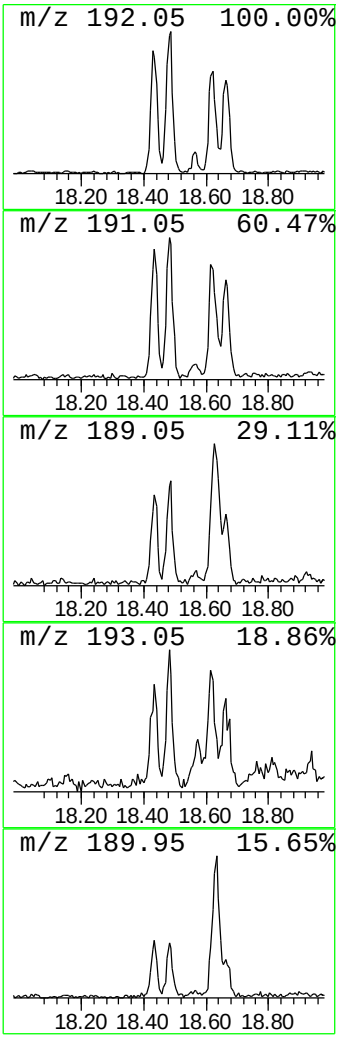
****

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.50 ng/ul	322740	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92





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Acq On : 12 Aug 2016 19:41
Operator : UM/SJ
Sample : H4385-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P002-SS004-0002-01

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

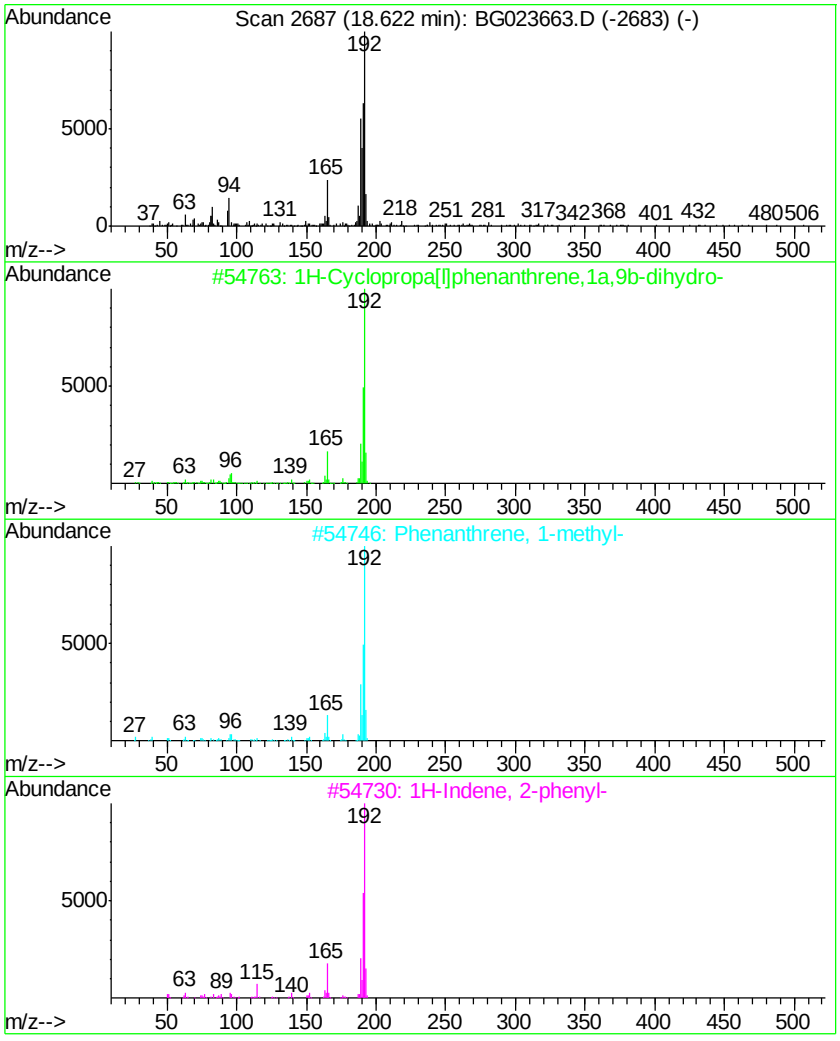
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

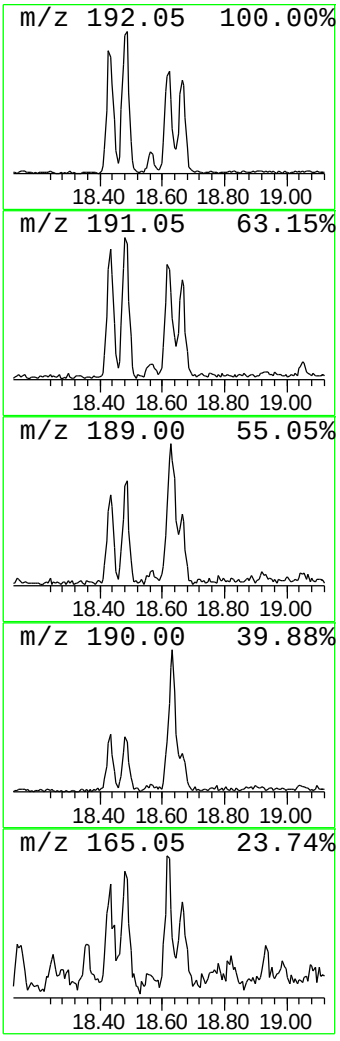
****

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.14 ng/ul	276079	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	58
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023663.D
Acq On : 12 Aug 2016 19:41
Operator : UM/SJ
Sample : H4385-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P002-SS004-0002-01

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

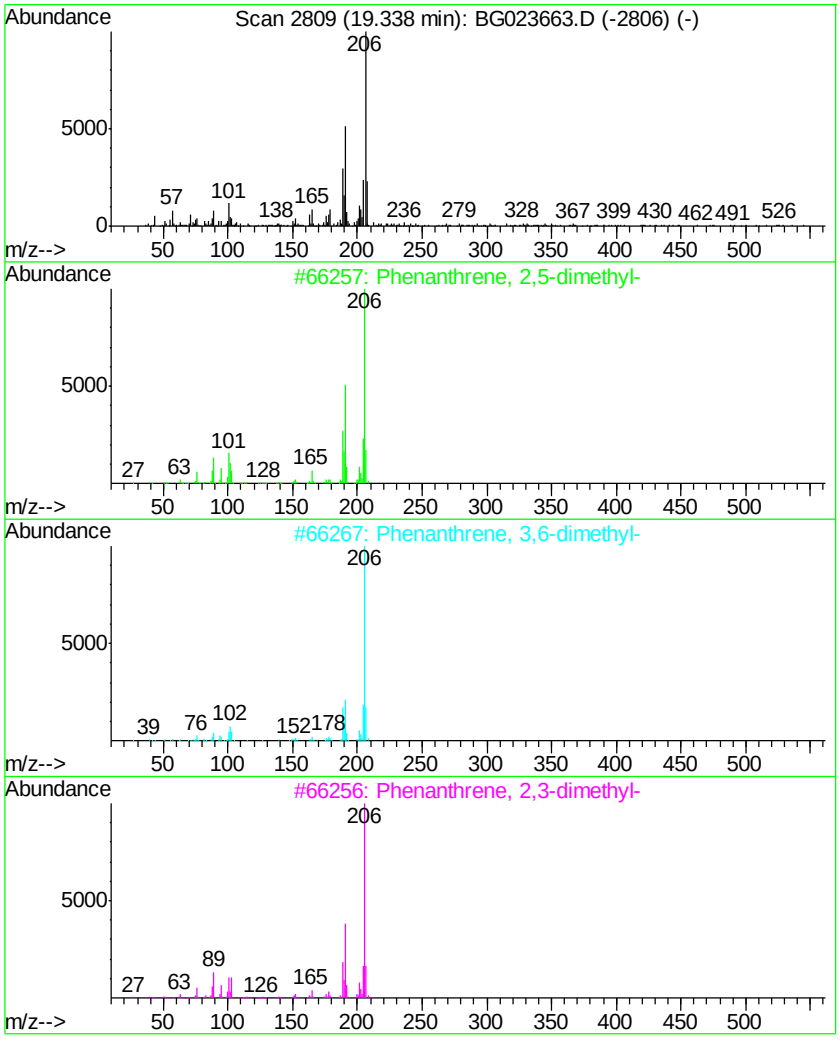
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

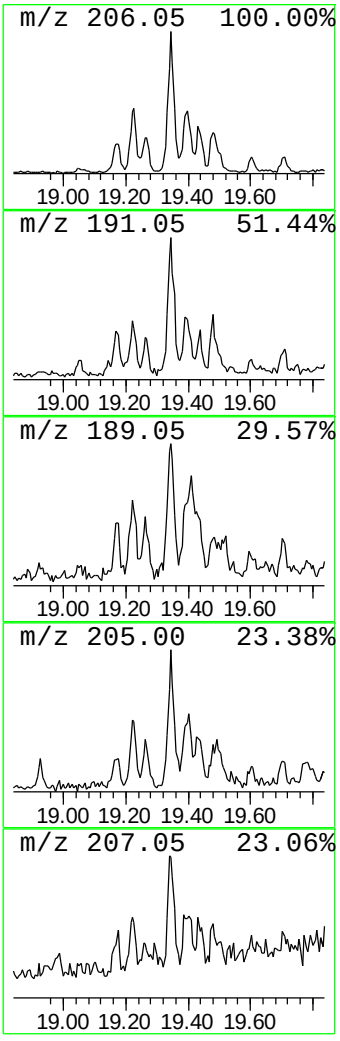
****

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.41 ng/ul	310970	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023663.D
Acq On : 12 Aug 2016 19:41
Operator : UM/SJ
Sample : H4385-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P002-SS004-0002-01

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	18.42	5.6	ng/ul	716586	4	17.55	2577040	20.0
Anthracene, 9-met...	18.48	2.5	ng/ul	322740	4	17.55	2577040	20.0
1H-Cyclopropa[l]p...	18.62	2.1	ng/ul	276079	4	17.55	2577040	20.0
Phenanthrene, 2,5...	19.34	2.4	ng/ul	310970	4	17.55	2577040	20.0