LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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	3.480	106	109	114	rVB4	26443	40357	0.94%	0.070%
2	4.461	273	276	283	rVB3	33725	51849	1.20%	0.090%
3	4.620	301	303	306	rBV4	10618	11383	0.26%	0.020%
4	4.726	319	321	324	rBV3	9846	7680	0.18%	0.013%
5	4.831	335	339	340	rBV3	10301	11504	0.27%	0.020%
6	4.878	344	347	353	rVB5	20174	36011	0.84%	0.062%
7	5.061	374	378	379	rBV3	6367	7369	0.17%	0.013%
8	5.677	479	483	488	rVB5	5842	9474	0.22%	0.016%
9	6.094	552	554	556	rVB3	8433	6685	0.16%	0.012%
10	6.940	695	698	700	rBV4	7633	10928	0.25%	0.019%
11	6.958	700	701	706	rVB3	5371	7511	0.17%	0.013%
12	7.263	747	753	765	rBV	449798	802809	18.64%	1.389%
13	7.428	774	781	791	rBV	385202	652125	15.14%	1.128%
14	7.639	810	817	829	rVB	444127	775557	18.01%	1.341%
15	8.109	885	897	910	rBV	574029	1030029	23.92%	1.782%
16	8.638	984	987	988	rVB3	8361	8439	0.20%	0.015%
17	8.650	988	989	991	rBV2	7696	6831	0.16%	0.012%
18	8.826	1013	1019	1030	rBV	571766	1046497	24.30%	1.810%
19	8.920	1033	1035	1038	rBV4	8410	7974	0.19%	0.014%
20	9.290	1091	1098	1109	rBV	461553	862484	20.03%	1.492%
21	9.408	1112	1118	1122	rBV8	12742	29044	0.67%	0.050%
22	9.954	1208	1211	1215	rVB5	6715	7122	0.17%	0.012%
23	10.019	1215	1222	1232	rBV2	376507	705090	16.37%	1.220%
24	10.571	1309	1316	1327	rBV	557380	1086388	25.23%	1.879%
25	10.947	1373	1380	1389	rBV	881813	1589953	36.92%	2.750%
26	11.088	1397	1404	1414	rBV	540196	1029815	23.91%	1.781%
27	11.205	1421	1424	1428	rVB5	5688	8221	0.19%	0.014%
28	11.340	1443	1447	1449	rBV4	5805	8470	0.20%	0.015%
29	11.992	1555	1558	1560	rVB2	6756	7691	0.18%	0.013%
30	12.039	1563	1566	1570	rVB5	6590	7374	0.17%	0.013%
31	12.116	1576	1579	1582	rBV5	6010	9541	0.22%	0.017%
32	12.333	1615	1616	1621	rBV4	4847	7920	0.18%	0.014%
33	12.527	1644	1649	1651	rBV4	15910	20110	0.47%	0.035%
34	12.609	1658	1663	1669	rVB9	16656	30731	0.71%	0.053%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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	12.826	1694	1700	1704	rBV7	18112	37149	0.86%	0.064%
36	12.967	1719	1724	1727	rBV7	5535	10084	0.23%	0.017%
37	13.126	1747	1751	1754	rVV5	13780	16977	0.39%	0.029%
38	13.214	1764	1766	1770	rVB4	8467	10520	0.24%	0.018%
39	13.326	1782	1785	1787	rBV4	6933	6890	0.16%	0.012%
40	13.367	1789	1792	1796	rVB4	21620	32030	0.74%	0.055%
41	13.496	1811	1814	1818	rBV6	5917	9696	0.23%	0.017%
42	13.578	1827	1828	1832	rVB4	8675	7796	0.18%	0.013%
43	13.655	1837	1841	1847	rVB3	38289	61753	1.43%	0.107%
44	13.943	1886	1890	1892	rBV5	18435	27033	0.63%	0.047%
45	14.095	1911	1916	1922	rBV4	45695	86995	2.02%	0.150%
46	14.178	1922	1930	1934	rVV	1345568	1971835	45.79%	3.411%
47	14.225	1934	1938	1946	rVB	509870	751704	17.45%	1.300%
48	14.336	1952	1957	1959	rBV3	27559	35972	0.84%	0.062%
49	14.418	1969	1971	1974	rVB4	7710	7074	0.16%	0.012%
50	14.477	1974	1981	1994	rBV	1396175	2368618	55.00%	4.097%
51	14.648	2008	2010	2013	rBV4	10898	12884	0.30%	0.022%
52	14.783	2021	2033	2042	rBV3	1492834	2568981	59.65%	4.443%
53	15.000	2063	2070	2086	rBV2	394706	924552	21.47%	1.599%
54	15.176	2096	2100	2108	rVB3	54690	102078	2.37%	0.177%
55	15.253	2109	2113	2119	rVB3	70718	115597	2.68%	0.200%
56	15.394	2131	2137	2142	rBV4	62289	123098	2.86%	0.213%
57	15.452	2143	2147	2151	rVB2	40758	66732	1.55%	0.115%
58	15.564	2160	2166	2169	rBV4	40878	89182	2.07%	0.154%
59	15.605	2170	2173	2178	rVB2	92079	121322	2.82%	0.210%
60	15.664	2178	2183	2186	rBV6	28529	53549	1.24%	0.093%
61	15.781	2197	2203	2209	rVB	1929386	2924945	67.92%	5.059%
62	15.905	2218	2224	2233	rBV	558896	848237	19.70%	1.467%
63	16.281	2285	2288	2292	rBV5	29492	35485	0.82%	0.061%
64	16.474	2317	2321	2324	rBV2	96325	159489	3.70%	0.276%
65	16.592	2339	2341	2345	rBV4	19350	21992	0.51%	0.038%
66	16.645	2346	2350	2356	rBV6	45662	93206	2.16%	0.161%
67	16.839	2376	2383	2389	rBV6	77393	196954	4.57%	0.341%
68	16.991	2405	2409	2414	rVB5	54448	85732	1.99%	0.148%
69	17.273	2453	2457	2463	rVV4	90948	138980	3.23%	0.240%
70	17.326	2463	2466	2469	rVV5	39896	57351	1.33%	0.099%
71	17.367	2470	2473	2478	rVB	83132	111784	2.60%	0.193%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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	17.550	2498	2504	2508	rBV2	2120629	3223624	74.85%	5.576%
73	17.591	2508	2511	2515	rVV	509267	743401	17.26%	1.286%
74	17.649	2515	2521	2530	rVB	2067743	3218501	74.73%	5.567%
75	18.014	2581	2583	2589	rVB4	66031	86624	2.01%	0.150%
76	18.131	2600	2603	2609	rVB	190874	277168	6.44%	0.479%
77	18.278	2624	2628	2636	rVB	125758	238467	5.54%	0.412%
78	18.425	2648	2653	2658	rBV2	694014	1161019	26.96%	2.008%
79	18.478	2658	2662	2668	rVB	627100	981331	22.79%	1.697%
80	18.560	2673	2676	2680	rVV2	100283	157277	3.65%	0.272%
81	18.613	2680	2685	2690	rVV2	515503	1041463	24.18%	1.801%
82	18.660	2690	2693	2698	rVB	397002	557603	12.95%	0.964%
83	18.918	2733	2737	2741	rBV3	221319	337931	7.85%	0.584%
84	19.141	2771	2775	2776	rBV3	115929	144054	3.34%	0.249%
85	19.218	2784	2788	2791	rBV	374413	475351	11.04%	0.822%
86	19.253	2791	2794	2798	rVB	278003	373522	8.67%	0.646%
87	19.335	2803	2808	2813	rBV	852611	1396974	32.44%	2.416%
88	19.388	2814	2817	2822	rBV3	242405	402026	9.34%	0.695%
89	19.482	2828	2833	2838	rBV4	268468	619780	14.39%	1.072%
90	19.606	2849	2854	2859	rVB	937626	1303419	30.27%	2.254%
91	19.658	2860	2863	2866	rVV	150160	221250	5.14%	0.383%
92	19.694	2867	2869	2874	rVB2	214485	262637	6.10%	0.454%
93	19.940	2905	2911	2914	rBV	2456826	4012445	93.17%	6.940%
94	20.034	2923	2927	2932	rVB	433798	645852	15.00%	1.117%
95	20.616	3023	3026	3030	rVB	435746	569251	13.22%	0.985%
96	20.757	3047	3050	3054	rBV	445214	564074	13.10%	0.976%
97	20.804	3055	3058	3069	rVB2	432689	801741	18.62%	1.387%
98	21.867	3231	3239	3244	rBV3	2149412	4306602	100.00%	7.449%
99	25.034	3771	3778	3785	rVB	955613	2343911	54.43%	4.054%
100	25.268	3809	3818	3827	rVB	1090406	3113926	72.31%	5.386%

Sum of corrected areas: 57816446

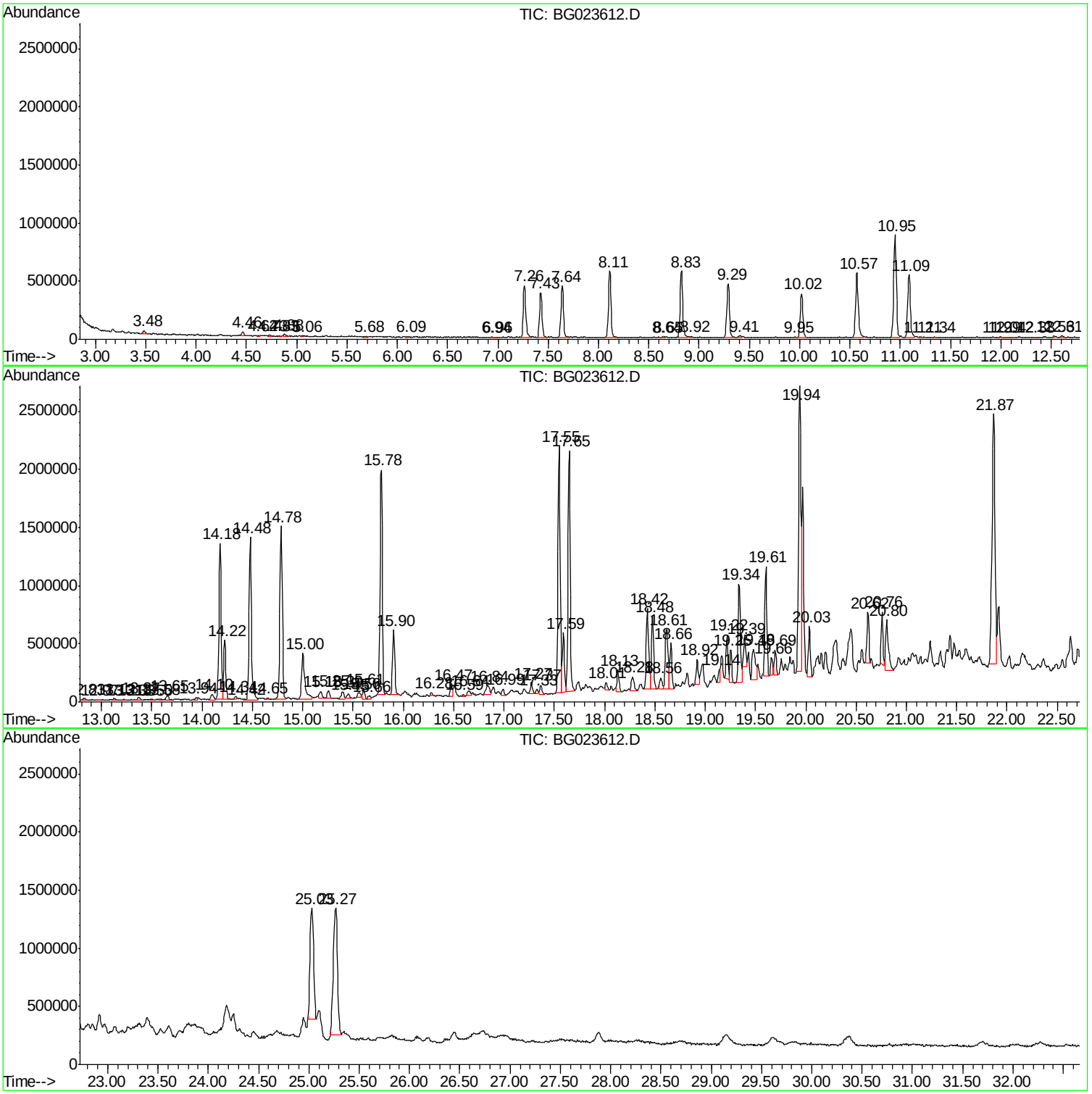
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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

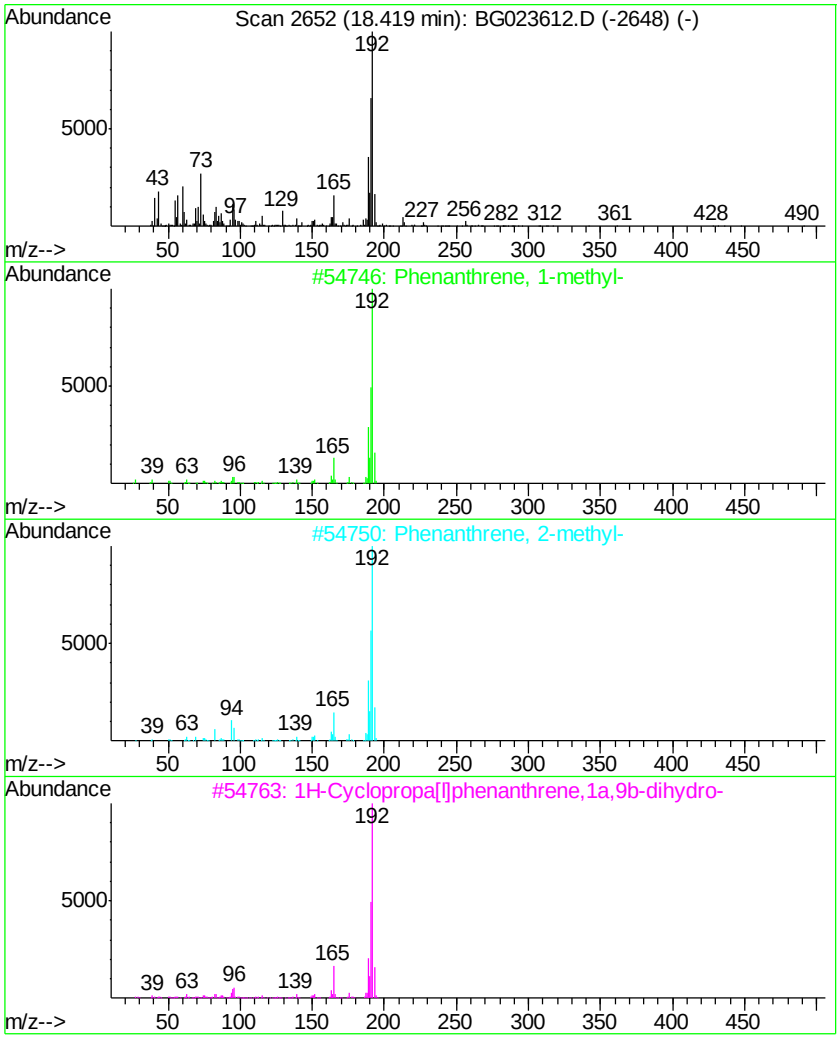
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

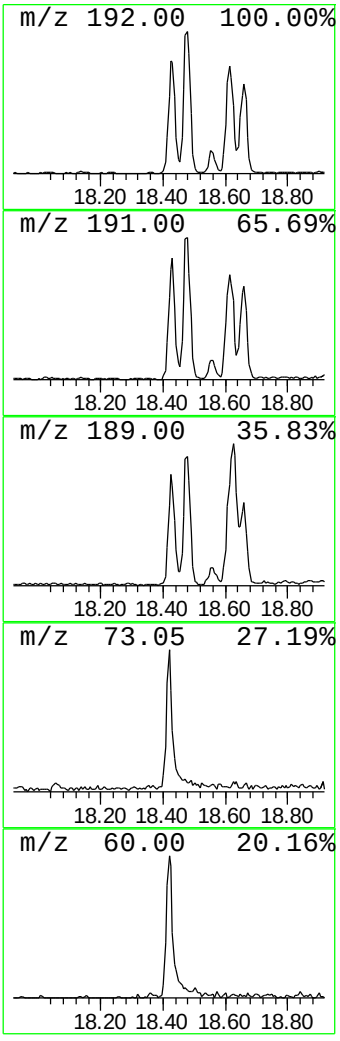
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	7.20 ng/ul	1161020	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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

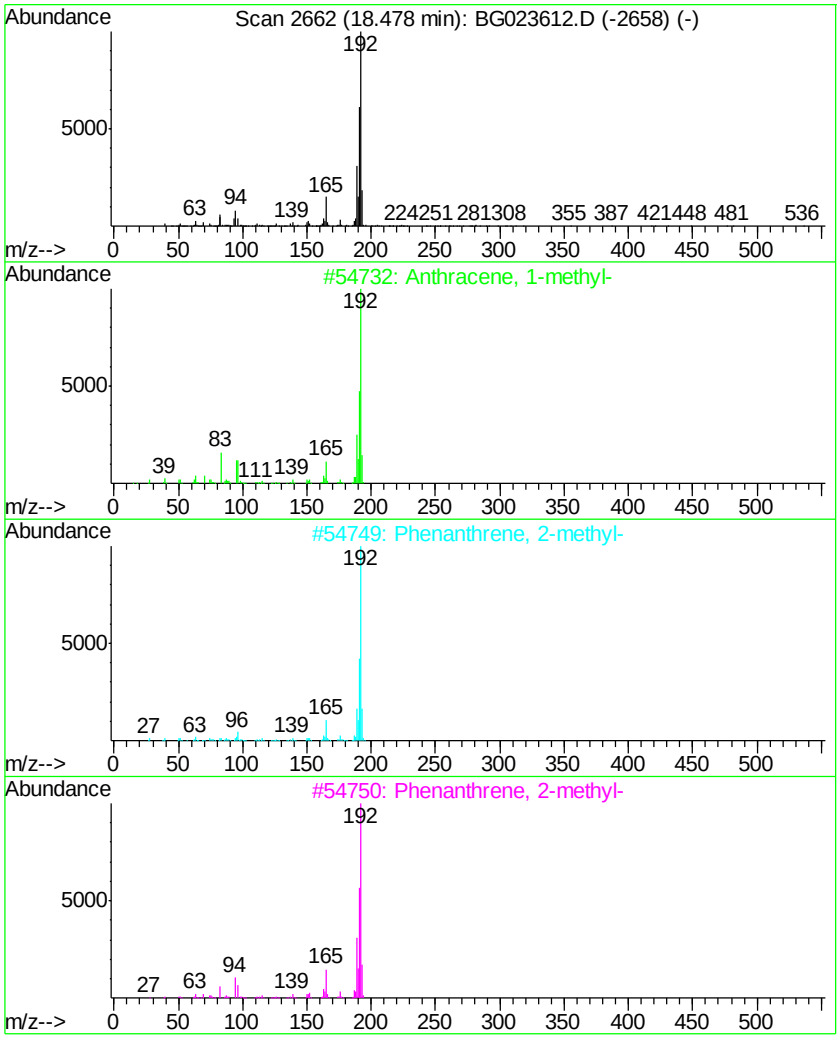
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

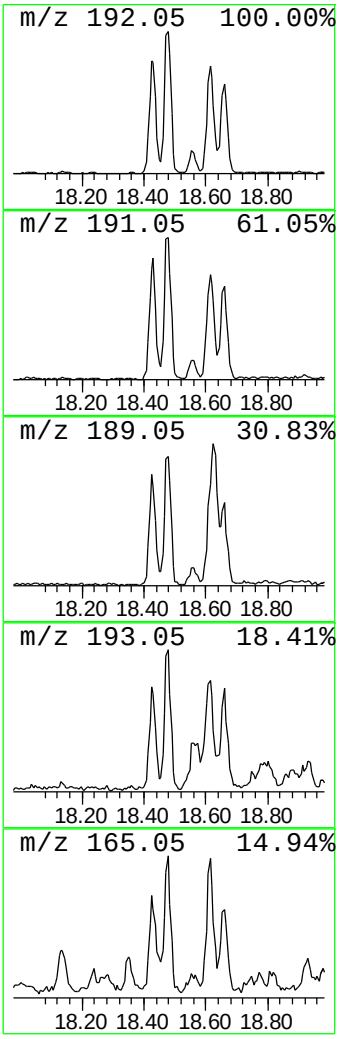
****

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	6.09 ng/ul	981331	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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

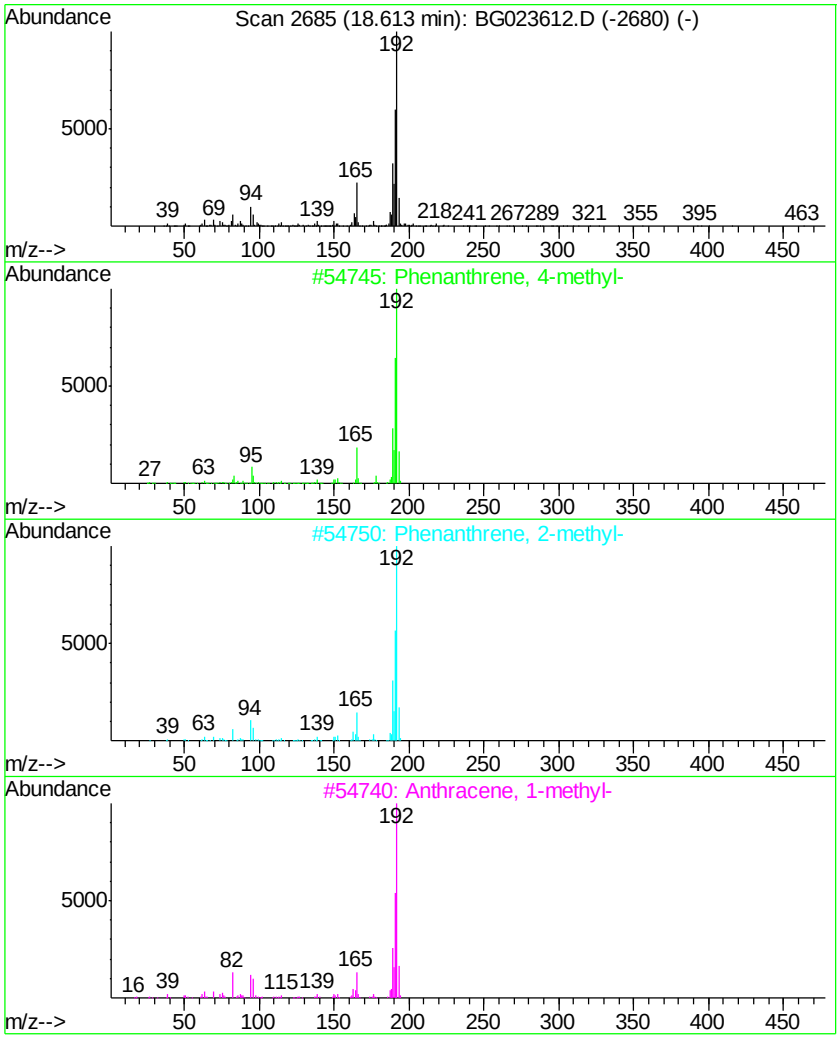
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

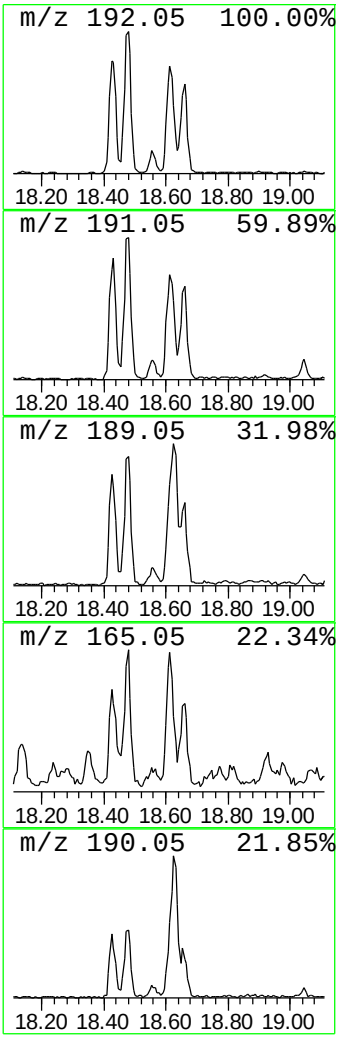
****

Peak Number 3 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	6.46 ng/ul	1041460	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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

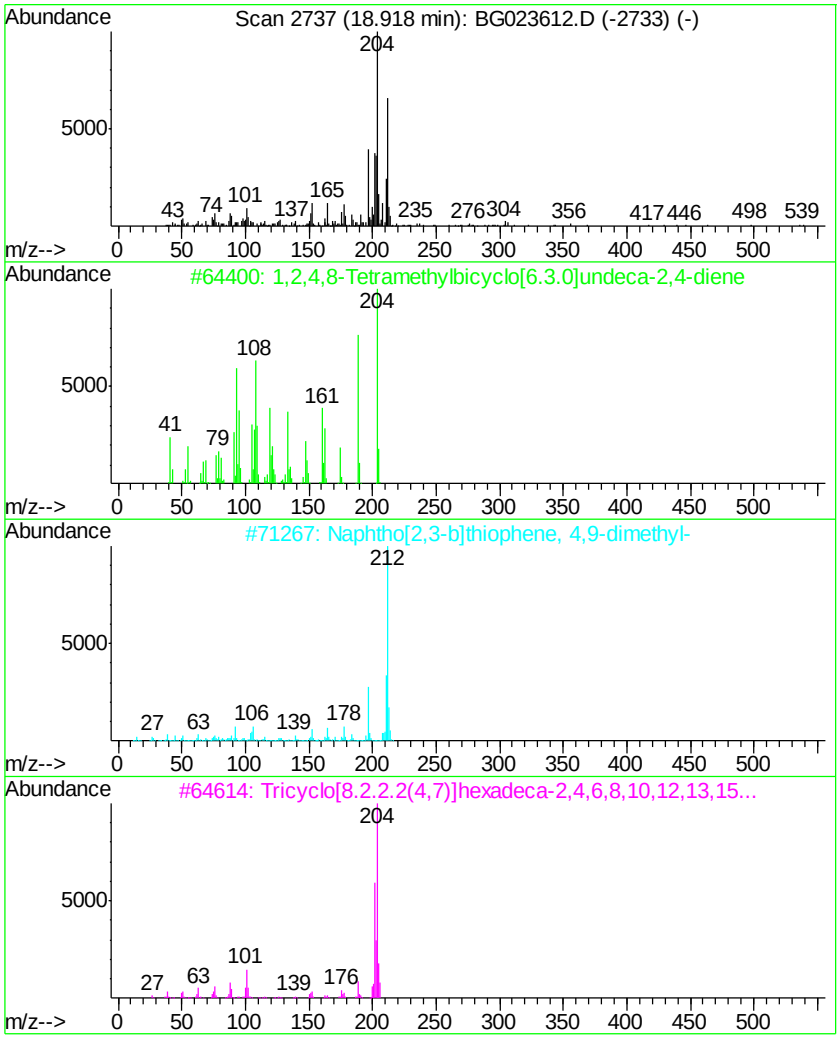
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

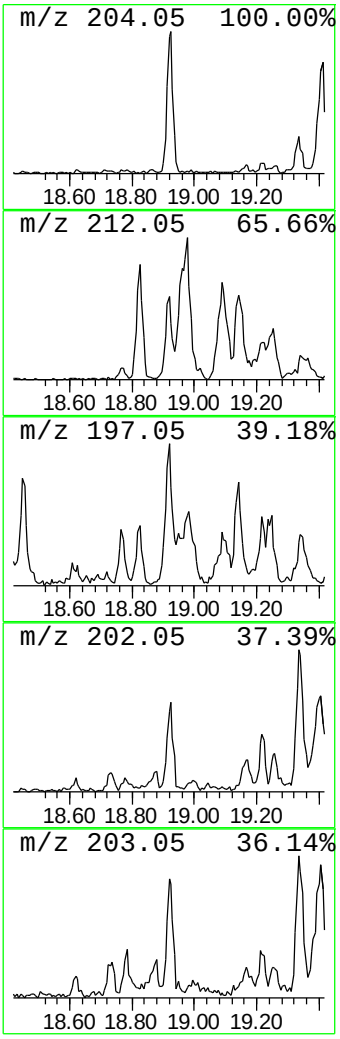
****

Peak Number 5 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	2.10 ng/ul	337931	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	68
2	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	46
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	42
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	38
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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

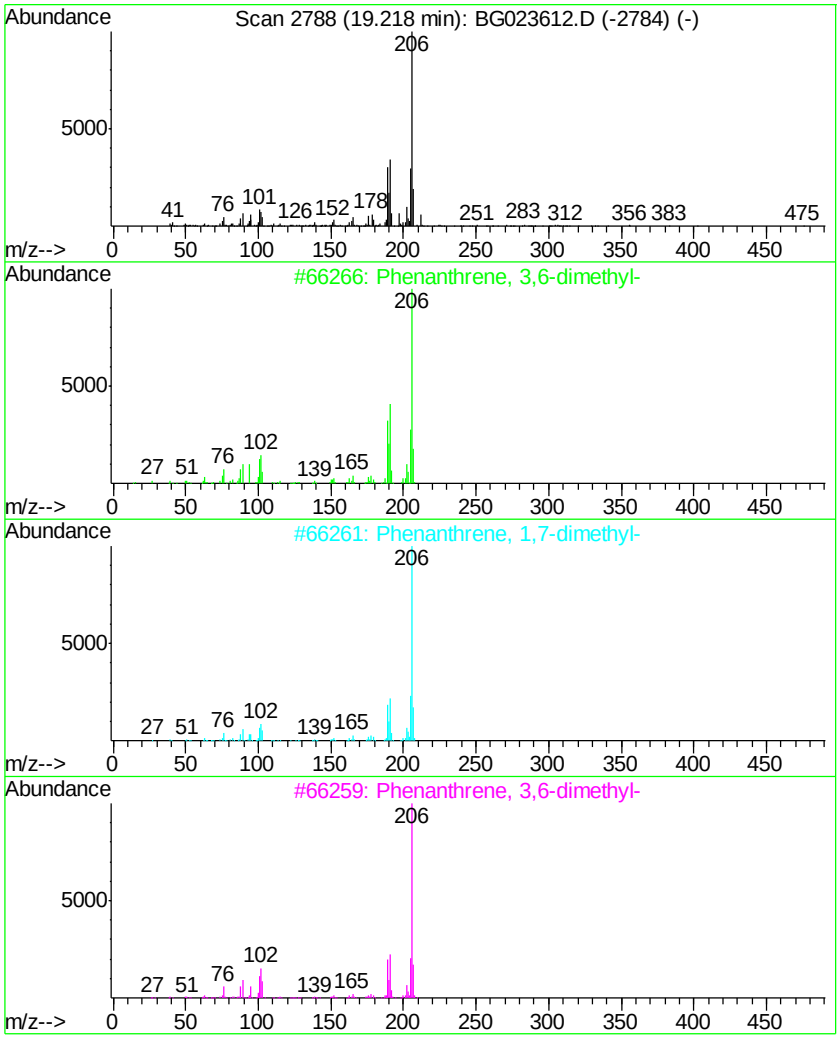
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

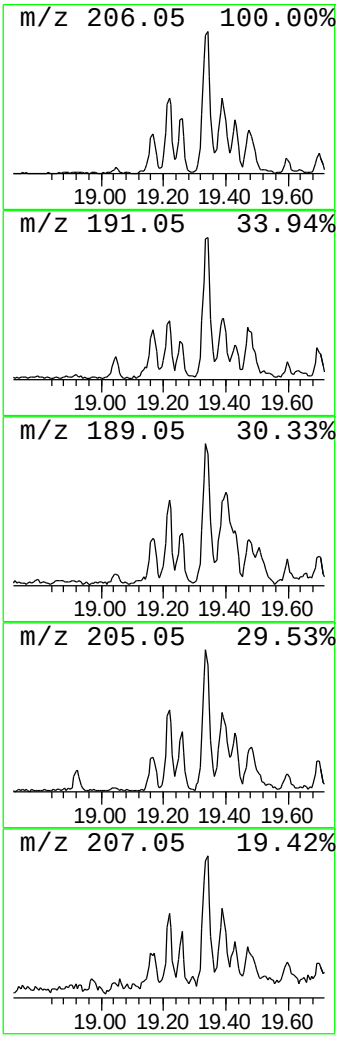
****

Peak Number 6 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.95 ng/ul	475351	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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

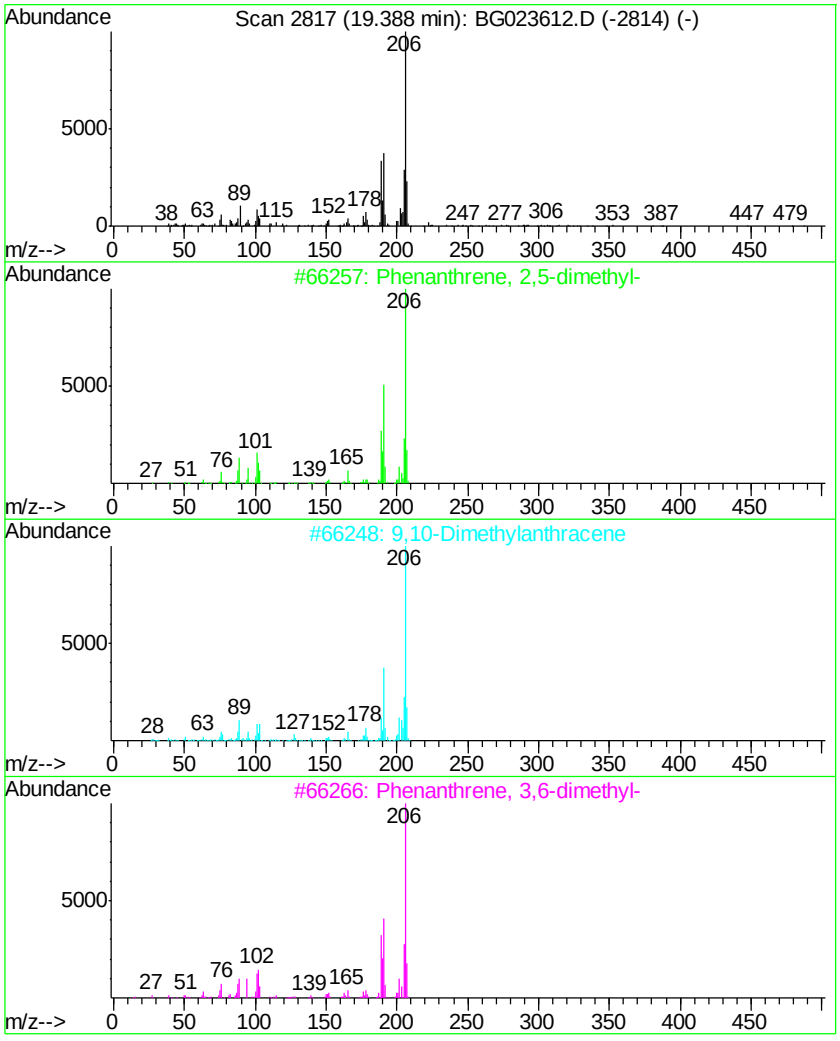
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

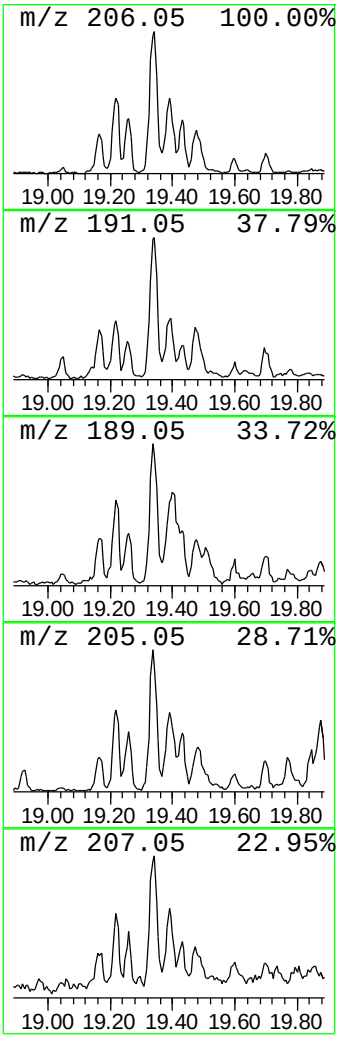
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	2.49 ng/ul	402026	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	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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

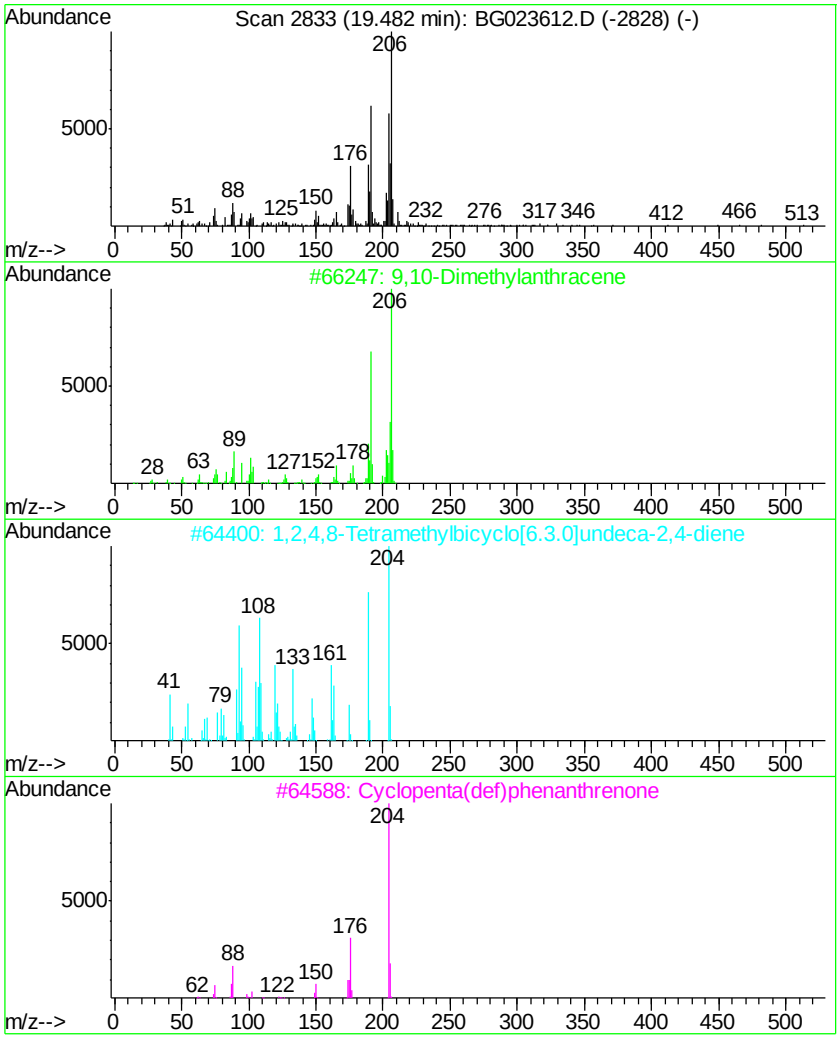
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

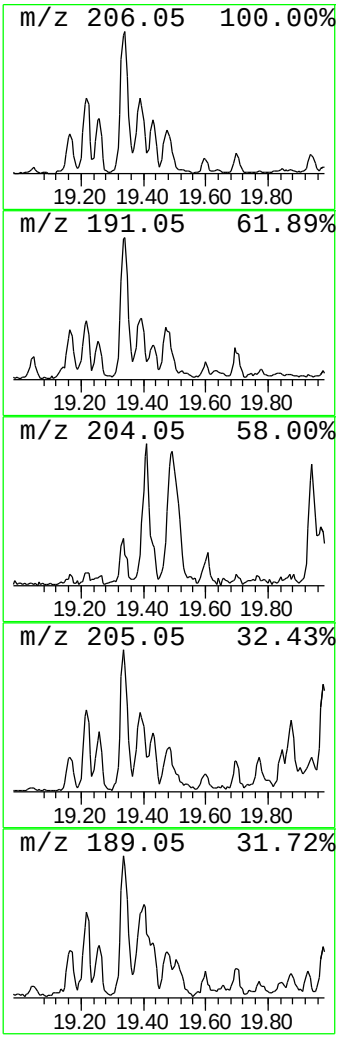
****

Peak Number 10 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	3.85 ng/ul	619780	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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

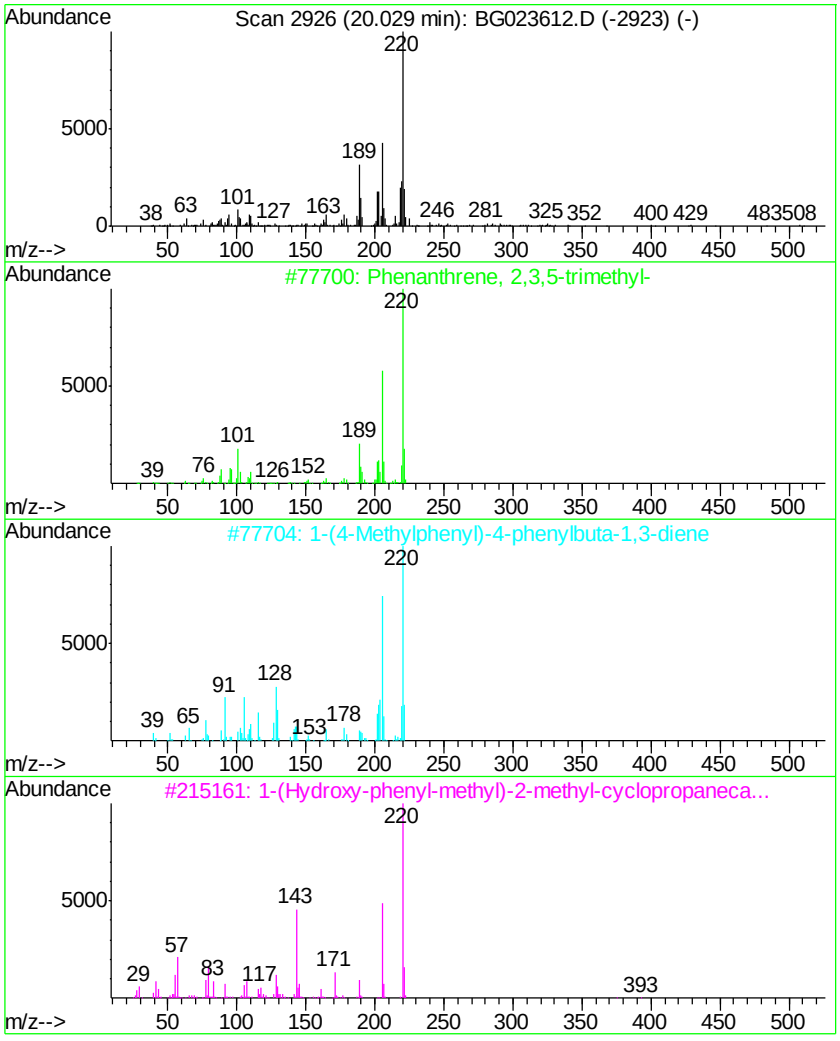
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

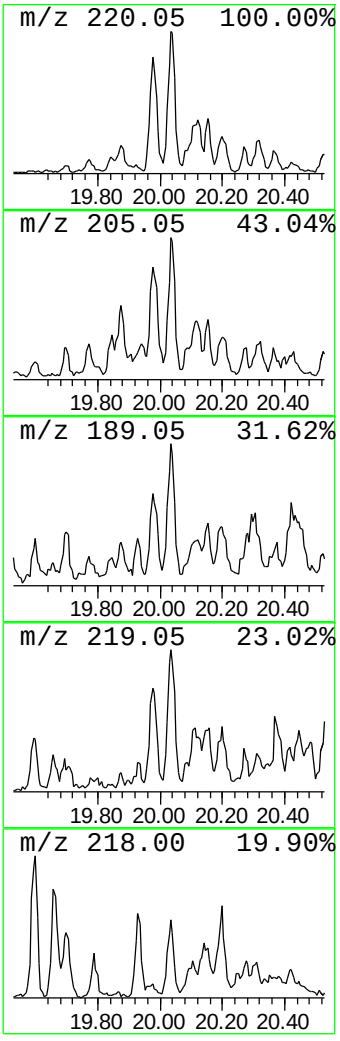
****

Peak Number 11 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	3.00 ng/ul	645852	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	64
3	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	50
4	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	49
5	10-Methylanthracene-9-carboxalde...	220	C16H12O	007072-00-6	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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

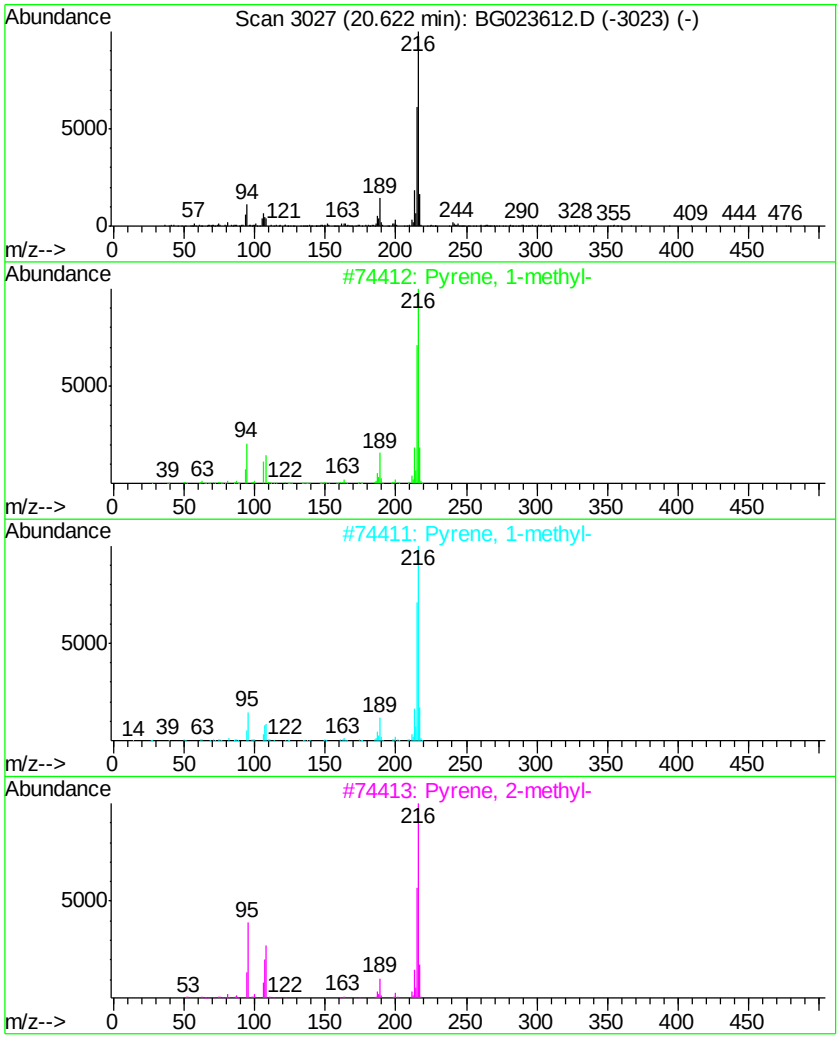
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

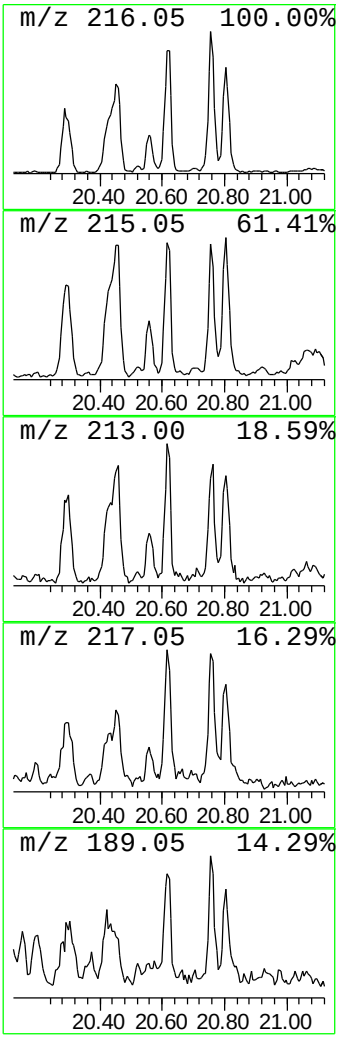
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	2.64 ng/ul	569251	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

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

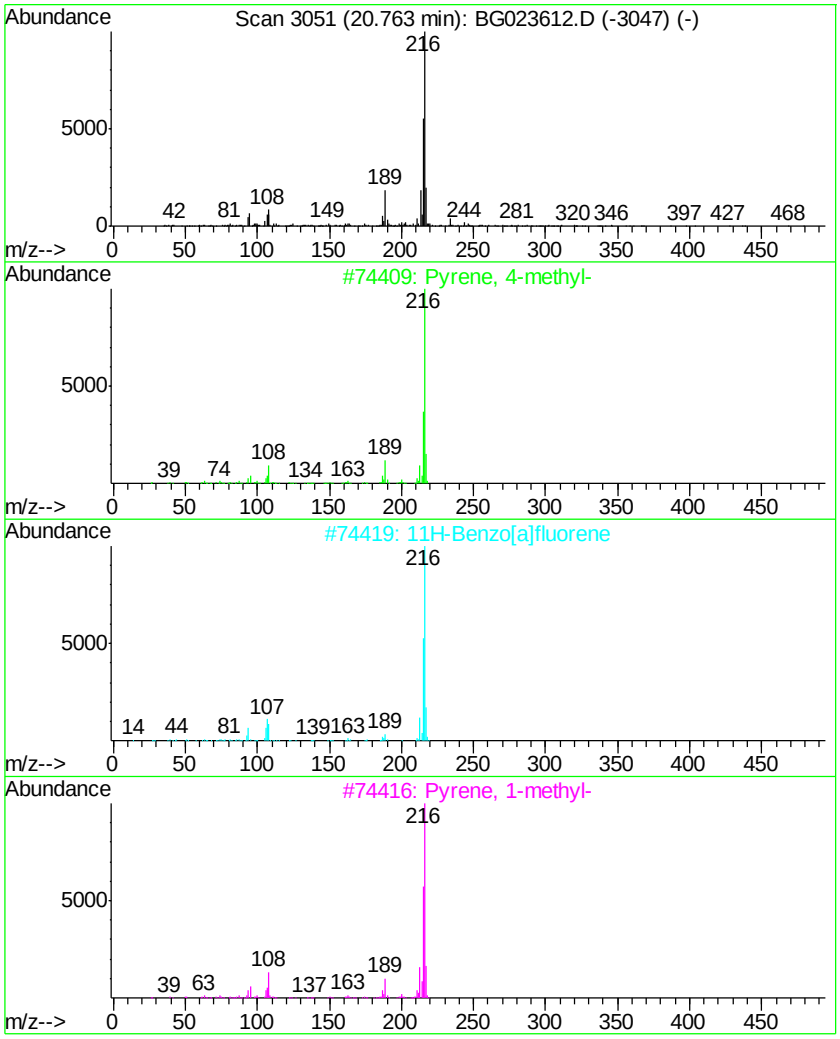
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

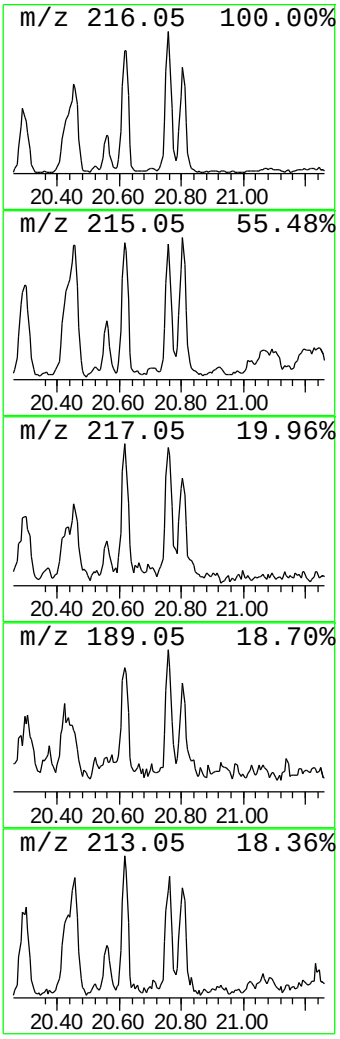
****

Peak Number 13 Pyrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.62 ng/ul	564074	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-1218-01

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
Phenanthrene, 1-m...	18.42	7.2	ng/ul	1161020	4	17.55	3223620	20.0
Anthracene, 1-met...	18.48	6.1	ng/ul	981331	4	17.55	3223620	20.0
Phenanthrene, 4-m...	18.61	6.5	ng/ul	1041460	4	17.55	3223620	20.0
1,2,4,8-Tetrameth...	18.92	2.1	ng/ul	337931	4	17.55	3223620	20.0
Phenanthrene, 3,6...	19.22	3.0	ng/ul	475351	4	17.55	3223620	20.0
Phenanthrene, 2,5...	19.39	2.5	ng/ul	402026	4	17.55	3223620	20.0
9,10-Dimethylanth...	19.48	3.9	ng/ul	619780	4	17.55	3223620	20.0
Phenanthrene, 2,3...	20.03	3.0	ng/ul	645852	5	21.87	4306600	20.0
Pyrene, 1-methyl-	20.62	2.6	ng/ul	569251	5	21.87	4306600	20.0
Pyrene, 4-methyl-	20.76	2.6	ng/ul	564074	5	21.87	4306600	20.0