LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

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_M\METHODS\SOM02.2-EPA-BM010116.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	6.845	633	639	650	rVB	125817	202610	11.10%	0.647%
2	6.998	659	665	676	rBB	102517	158028	8.66%	0.504%
3	7.198	693	699	707	rBB	138574	210934	11.55%	0.673%
4	7.663	772	778	785	rVB	147708	225842	12.37%	0.721%
5	8.375	894	899	909	rBB	127861	204380	11.19%	0.652%
6	8.822	969	975	982	rBV	131403	205106	11.23%	0.655%
7	9.539	1092	1097	1105	rBB	105688	170658	9.35%	0.545%
8	10.080	1183	1189	1200	rBB	167263	272282	14.91%	0.869%
9	10.451	1245	1252	1258	rBV	224569	372482	20.40%	1.189%
10	10.592	1270	1276	1293	rBB	117094	201384	11.03%	0.643%
11	13.639	1788	1794	1799	rBV	54776	90087	4.93%	0.288%
12	13.733	1805	1810	1814	rVV	318562	437123	23.94%	1.395%
13	13.774	1814	1817	1824	rVB	131538	179408	9.83%	0.573%
14	14.010	1851	1857	1871	rBV	361953	588788	32.25%	1.879%
15	14.321	1901	1910	1916	rBV2	335596	515452	28.23%	1.645%
16	14.386	1916	1921	1928	rVB	90858	130129	7.13%	0.415%
17	14.539	1939	1947	1956	rBV2	94084	164625	9.02%	0.525%
18	14.721	1973	1978	1985	rVB	78505	118463	6.49%	0.378%
19	15.315	2070	2079	2084	rVV	469349	695852	38.11%	2.221%
20	15.374	2084	2089	2094	rVV	129084	192755	10.56%	0.615%
21	15.457	2098	2103	2107	rBV2	73563	112696	6.17%	0.360%
22	15.668	2134	2139	2146	rVB2	47605	82277	4.51%	0.263%
23	15.815	2155	2164	2172	rVB2	37784	92728	5.08%	0.296%
24	16.039	2197	2202	2209	rBV2	55813	112627	6.17%	0.359%
25	16.380	2249	2260	2264	rBV3	61267	130500	7.15%	0.417%
26	16.892	2342	2347	2356	rVB	84984	137287	7.52%	0.438%
27	17.074	2372	2378	2381	rBV	409028	594563	32.57%	1.898%
28	17.115	2381	2385	2390	rVV	1148431	1564497	85.69%	4.993%
29	17.174	2390	2395	2398	rVV	471767	721582	39.52%	2.303%
30	17.204	2398	2400	2405	rVB	306236	367951	20.15%	1.174%
31	17.651	2469	2476	2484	rVB	84007	139716	7.65%	0.446%
32	17.798	2496	2501	2507	rVB	47695	84036	4.60%	0.268%
33	17.951	2517	2527	2531	rBV	279362	444985	24.37%	1.420%
34	17.998	2531	2535	2542	rVB	371565	513096	28.10%	1.638%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

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_M\METHODS\SOM02.2-EPA-BM010116.M
Title : SVOA CALIBRATION

35	18.074	2542	2548	2553	rBV	102112	163488	8.95%	0.522%
36	18.139	2553	2559	2564	rBV2	321568	616366	33.76%	1.967%
37	18.180	2564	2566	2575	rVB	207440	247033	13.53%	0.788%
38	18.451	2607	2612	2616	rBV2	154782	212088	11.62%	0.677%
39	18.498	2616	2620	2629	rVB2	134060	220575	12.08%	0.704%
40	18.698	2651	2654	2659	rVB	73080	92797	5.08%	0.296%
41	18.750	2659	2663	2667	rBV	110126	130473	7.15%	0.416%
42	18.792	2667	2670	2674	rVB	91492	114443	6.27%	0.365%
43	18.874	2674	2684	2689	rBV	260703	457745	25.07%	1.461%
44	18.933	2689	2694	2698	rVV2	104035	209274	11.46%	0.668%
45	18.968	2698	2700	2703	rVB	77737	78603	4.31%	0.251%
46	19.015	2703	2708	2715	rBV3	120352	255826	14.01%	0.816%
47	19.145	2722	2730	2736	rBV	1305920	1825673	100.00%	5.827%
48	19.203	2736	2740	2743	rBV	65305	90344	4.95%	0.288%
49	19.239	2743	2746	2751	rVB2	68057	88952	4.87%	0.284%
50	19.386	2767	2771	2774	rVV	82882	111765	6.12%	0.357%
51	19.480	2781	2787	2789	rBV3	714416	1106327	60.60%	3.531%
52	19.509	2789	2792	2800	rVB	1321554	1740589	95.34%	5.555%
53	19.580	2800	2804	2810	rVB2	140248	227146	12.44%	0.725%
54	19.686	2810	2822	2828	rBV3	85749	262957	14.40%	0.839%
55	19.745	2828	2832	2837	rVB3	76430	121929	6.68%	0.389%
56	19.833	2841	2847	2858	rBV4	145598	399690	21.89%	1.276%
57	19.968	2865	2870	2872	rVV3	104605	162344	8.89%	0.518%
58	20.003	2872	2876	2882	rVB	255519	390636	21.40%	1.247%
59	20.103	2889	2893	2897	rVV	167956	224427	12.29%	0.716%
60	20.162	2897	2903	2907	rVV2	210687	351236	19.24%	1.121%
61	20.203	2907	2910	2914	rVV3	53474	82141	4.50%	0.262%
62	20.303	2923	2927	2931	rVV	155324	208295	11.41%	0.665%
63	20.350	2931	2935	2939	rVV	154196	210388	11.52%	0.671%
64	20.603	2974	2978	2980	rVV2	53327	82837	4.54%	0.264%
65	20.756	3001	3004	3010	rVB	131545	196153	10.74%	0.626%
66	20.921	3024	3032	3036	rBV3	155638	309429	16.95%	0.988%
67	20.962	3036	3039	3042	rVV	127056	174913	9.58%	0.558%
68	21.003	3042	3046	3050	rVV2	100505	199500	10.93%	0.637%
69	21.056	3050	3055	3061	rVB2	112451	193518	10.60%	0.618%
70	21.162	3066	3073	3081	rBV2	49981	130491	7.15%	0.416%
71	21.268	3082	3091	3096	rBV2	741320	1559771	85.44%	4.978%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

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_M\METHODS\SOM02.2-EPA-BM010116.M
Title : SVOA CALIBRATION

72	21.315	3096	3099	3108	rVB	600893	817072	44.75%	2.608%
73	21.433	3116	3119	3125	rBV	93721	138390	7.58%	0.442%
74	21.491	3125	3129	3136	rBV8	39977	98152	5.38%	0.313%
75	21.597	3141	3147	3151	rBV4	59645	106792	5.85%	0.341%
76	21.774	3173	3177	3180	rVV	56880	85893	4.70%	0.274%
77	21.827	3180	3186	3190	rVV	202644	369103	20.22%	1.178%
78	21.880	3192	3195	3201	rVV	133667	213570	11.70%	0.682%
79	21.944	3202	3206	3209	rVV4	69290	127553	6.99%	0.407%
80	21.980	3209	3212	3216	rVV3	69524	117927	6.46%	0.376%
81	22.027	3216	3220	3223	rVV	107227	182908	10.02%	0.584%
82	22.056	3223	3225	3231	rVV3	80294	111017	6.08%	0.354%
83	22.121	3231	3236	3242	rVB2	67729	110912	6.08%	0.354%
84	22.344	3266	3274	3283	rVB9	42755	176316	9.66%	0.563%
85	22.480	3294	3297	3303	rVB2	49840	78422	4.30%	0.250%
86	22.597	3312	3317	3323	rBV5	42577	82328	4.51%	0.263%
87	22.850	3350	3360	3371	rBV	355784	1120514	61.38%	3.576%
88	23.015	3383	3388	3393	rBV	74875	117254	6.42%	0.374%
89	23.327	3434	3441	3445	rBV	219628	422504	23.14%	1.348%
90	23.374	3445	3449	3453	rVV	303653	562213	30.79%	1.794%
91	23.421	3453	3457	3463	rVB	362314	626653	34.32%	2.000%
92	23.515	3466	3473	3478	rVV	239988	475742	26.06%	1.518%
93	23.568	3478	3482	3490	rVB2	102924	210706	11.54%	0.672%
94	24.015	3551	3558	3563	rBV2	63637	142930	7.83%	0.456%
95	24.385	3616	3621	3633	rVB4	42118	122235	6.70%	0.390%
96	25.768	3846	3856	3868	rVB	156637	466343	25.54%	1.488%
97	26.026	3893	3900	3908	rBV2	34863	87861	4.81%	0.280%
98	26.462	3964	3974	3984	rBV	92155	296129	16.22%	0.945%
99	26.826	4028	4036	4049	rVB3	26213	97179	5.32%	0.310%
100	27.826	4197	4206	4225	rVB3	17110	82739	4.53%	0.264%

Sum of corrected areas: 31332448

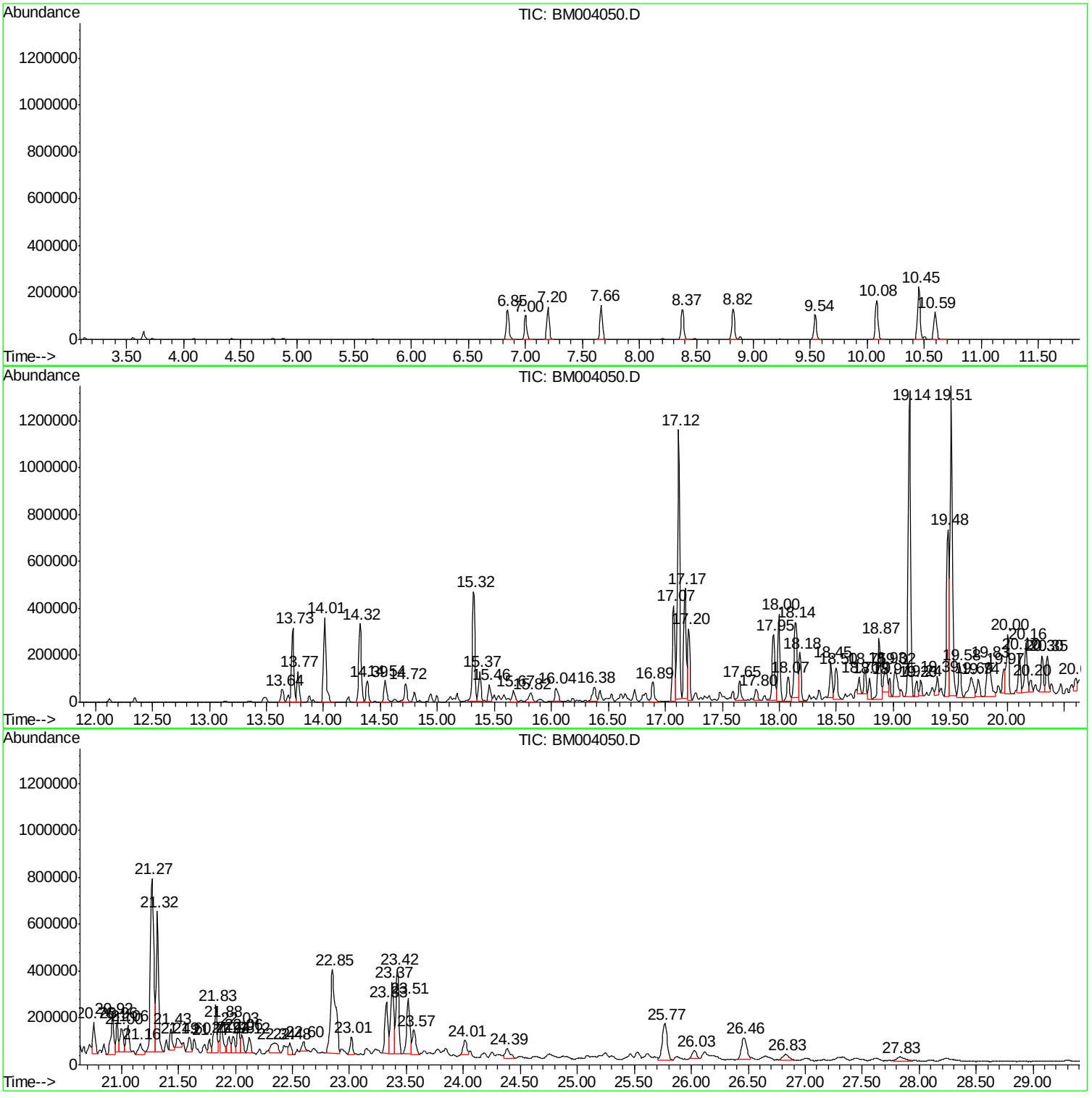
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

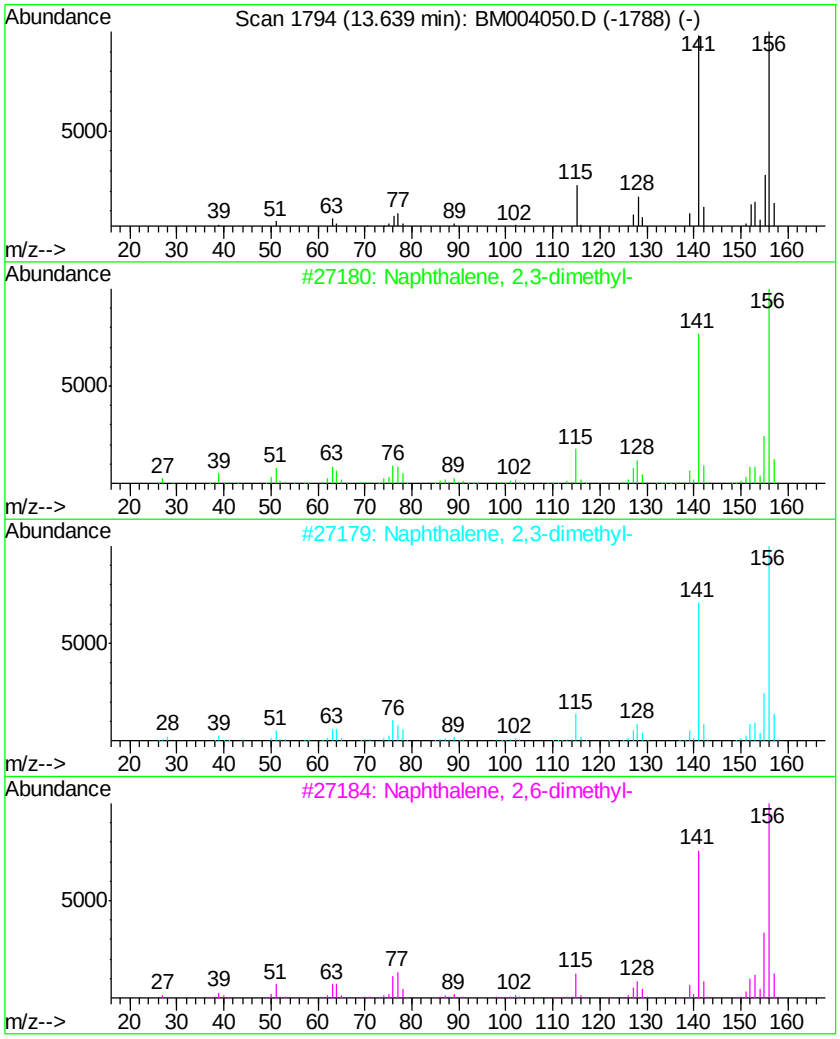
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

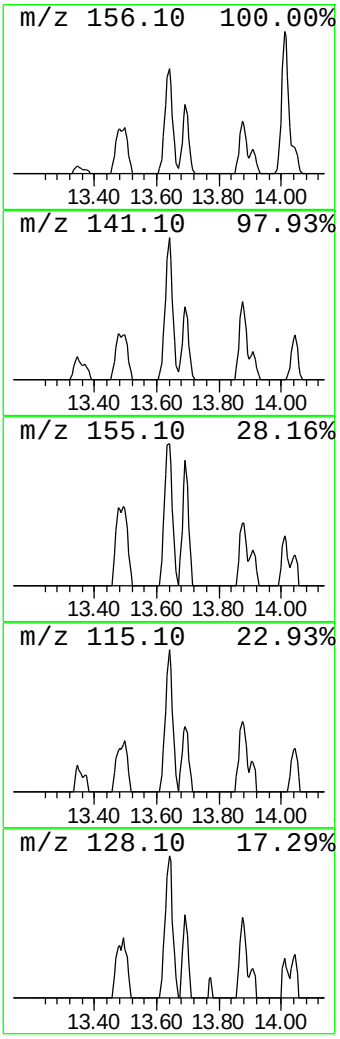
****

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.50 ng/ul	90087	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

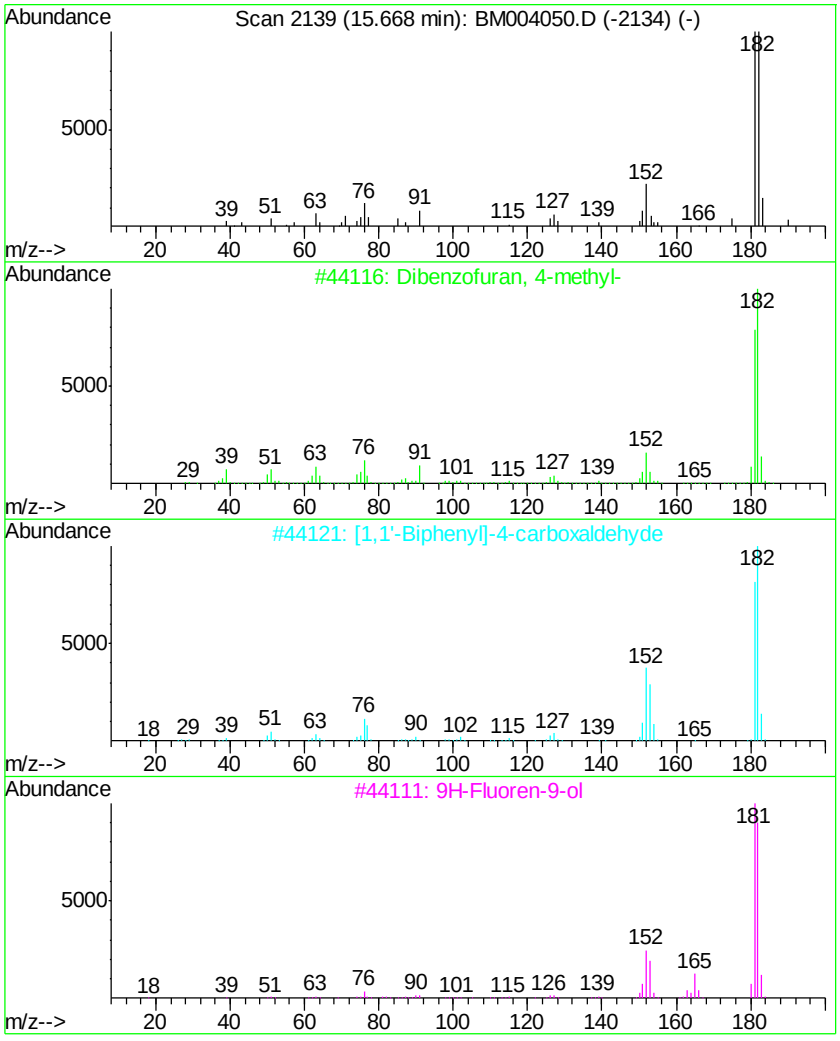
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

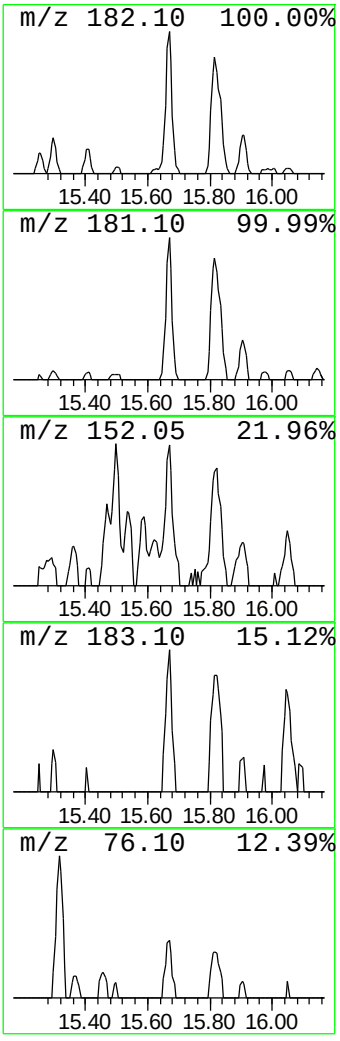
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.19 ng/ul	82277	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

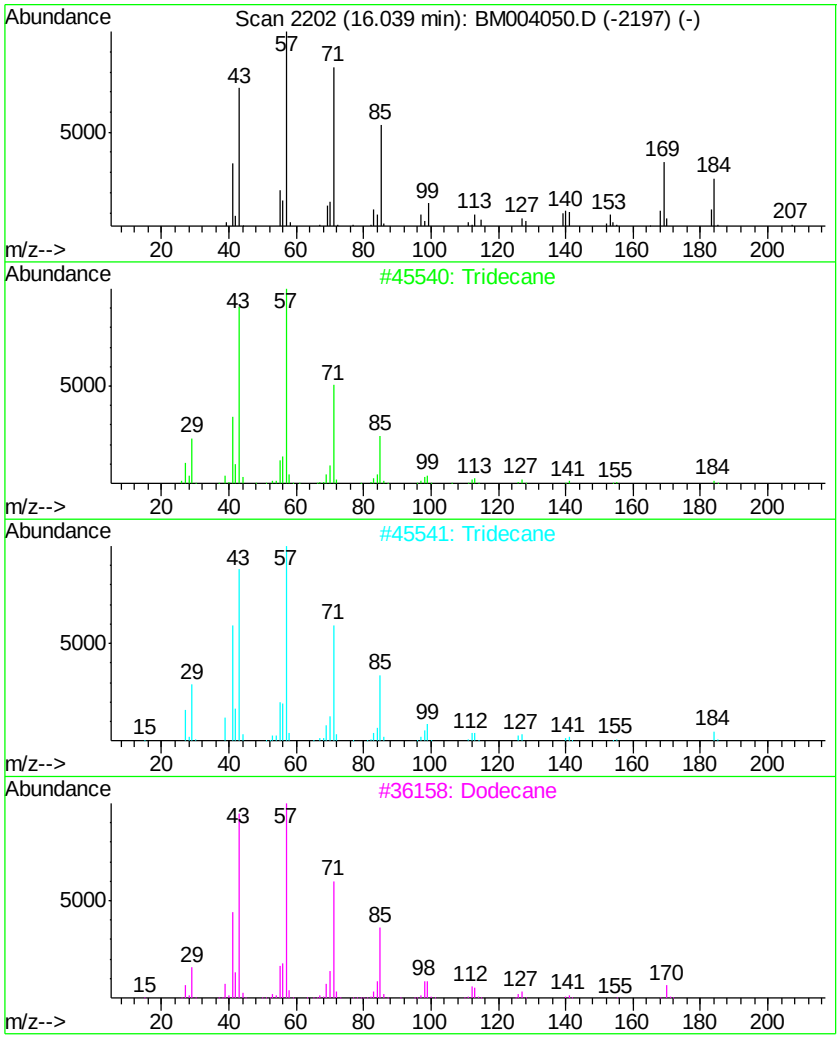
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

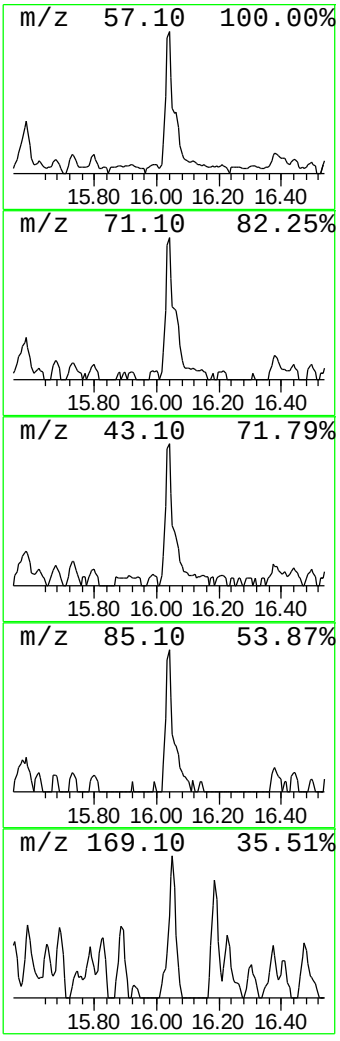
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	3.79 ng/ul	112627	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	62
2	Tridecane	184	C13H28	000629-50-5	62
3	Dodecane	170	C12H26	000112-40-3	60
4	Tridecane	184	C13H28	000629-50-5	58
5	Dodecane	170	C12H26	000112-40-3	55





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

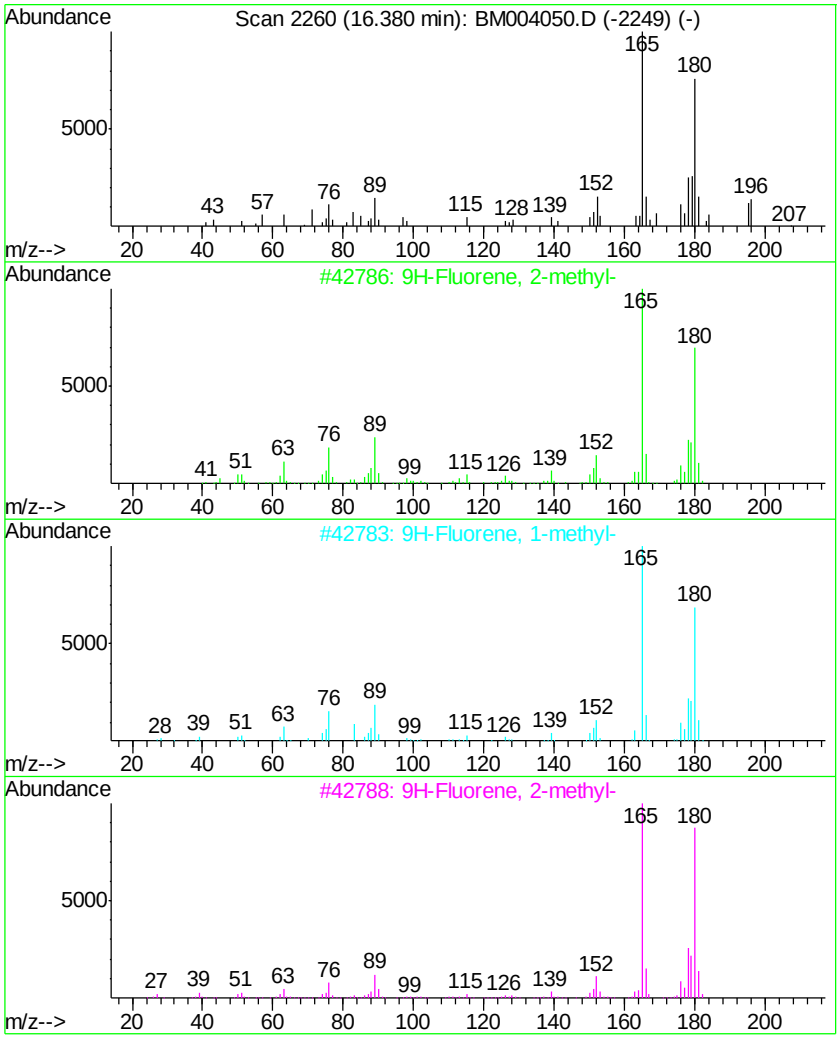
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

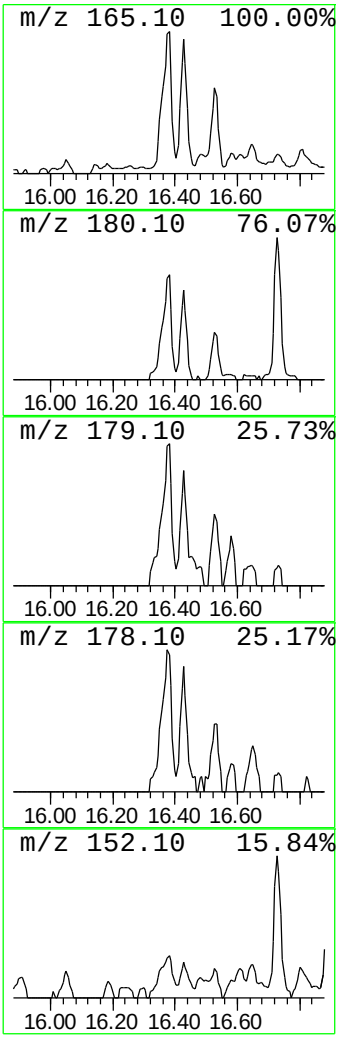
****

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	4.39 ng/ul	130500	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

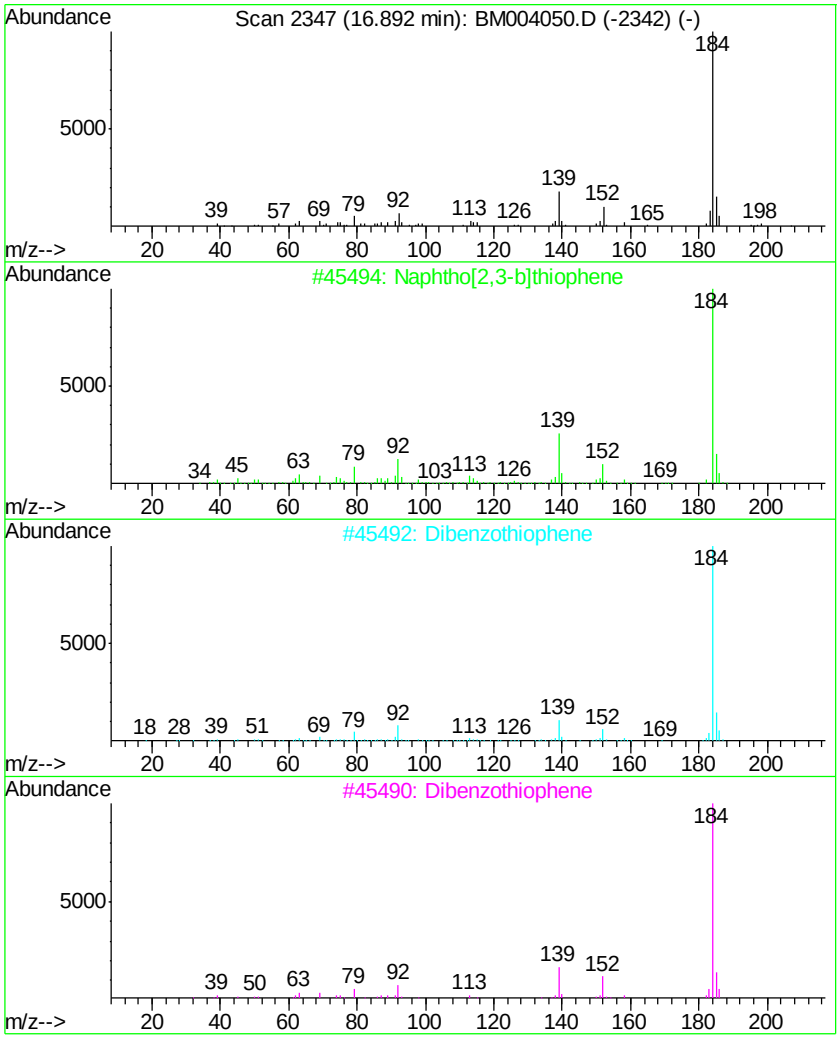
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

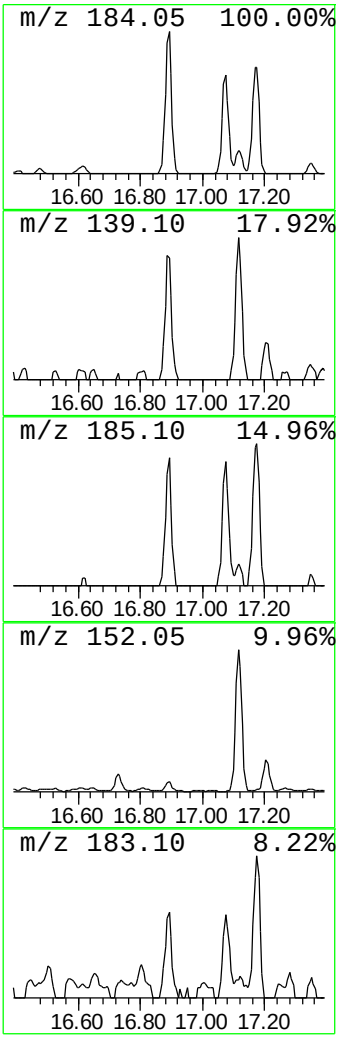
****

Peak Number 6 Naphtho[2,3-b]thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	4.62 ng/ul	137287	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

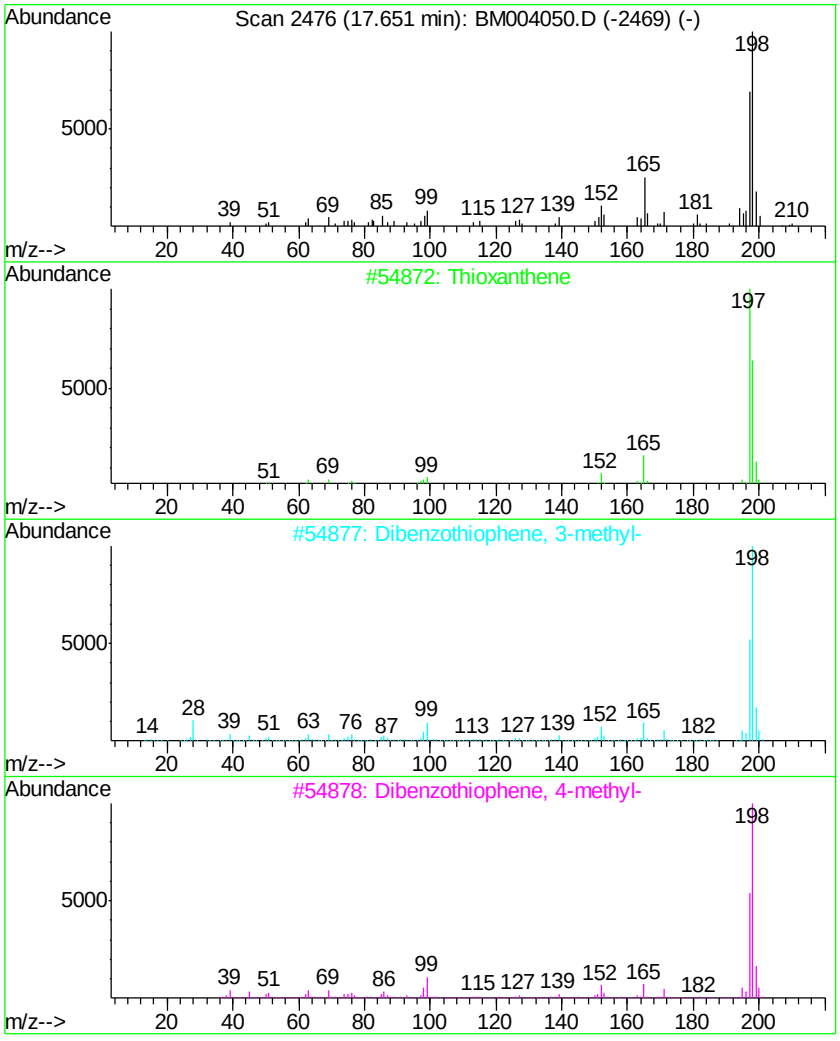
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

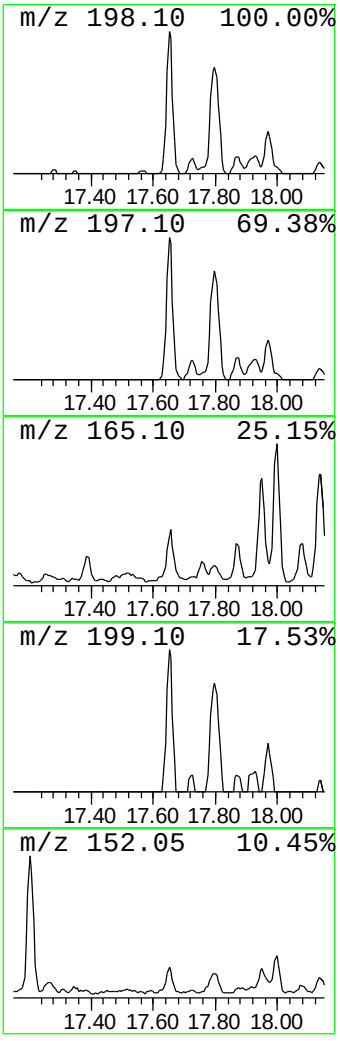
****

Peak Number 7 Thioxanthene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	4.70 ng/ul	139716	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thioxanthene	198	C13H10S	000261-31-4	92
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	74
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	68





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

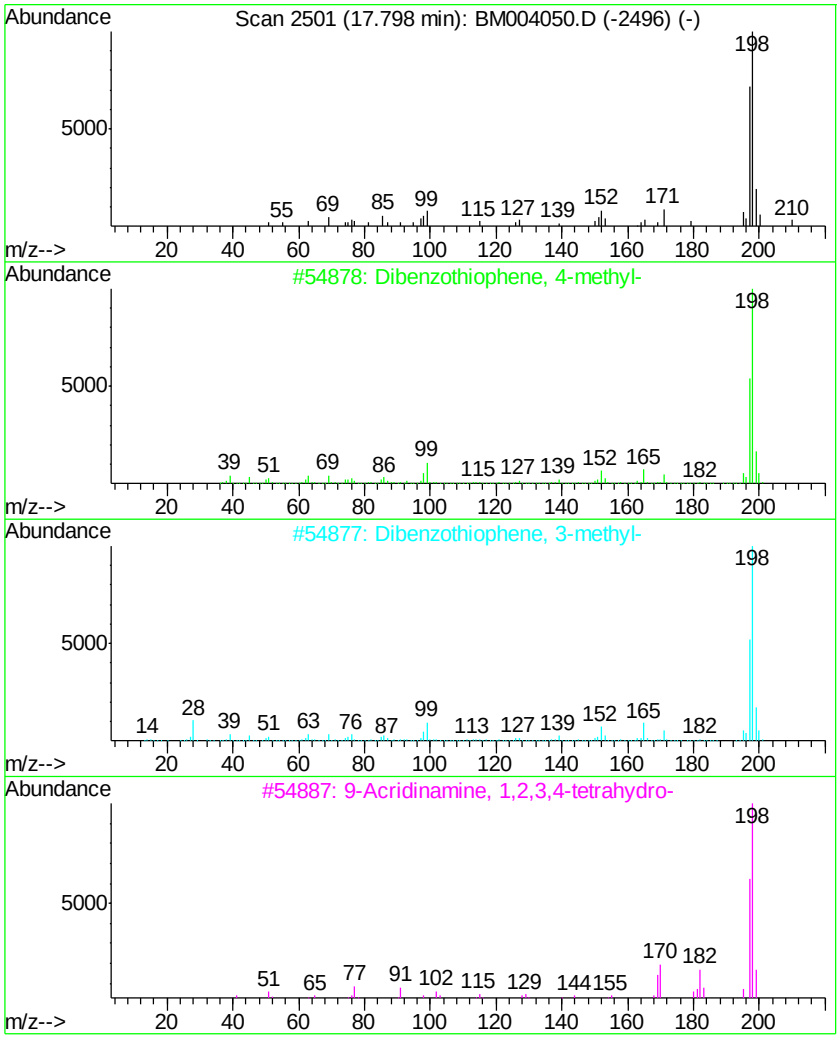
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

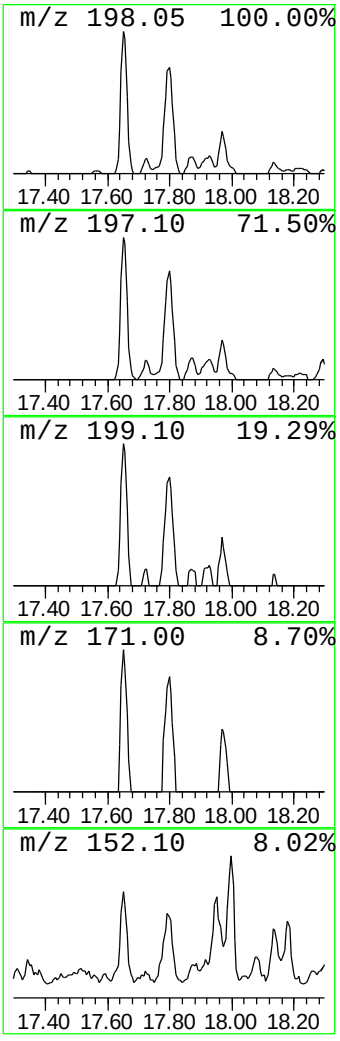
****

Peak Number 8 Dibenzothiophene, 4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	2.83 ng/ul	84036	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	80
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	80
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

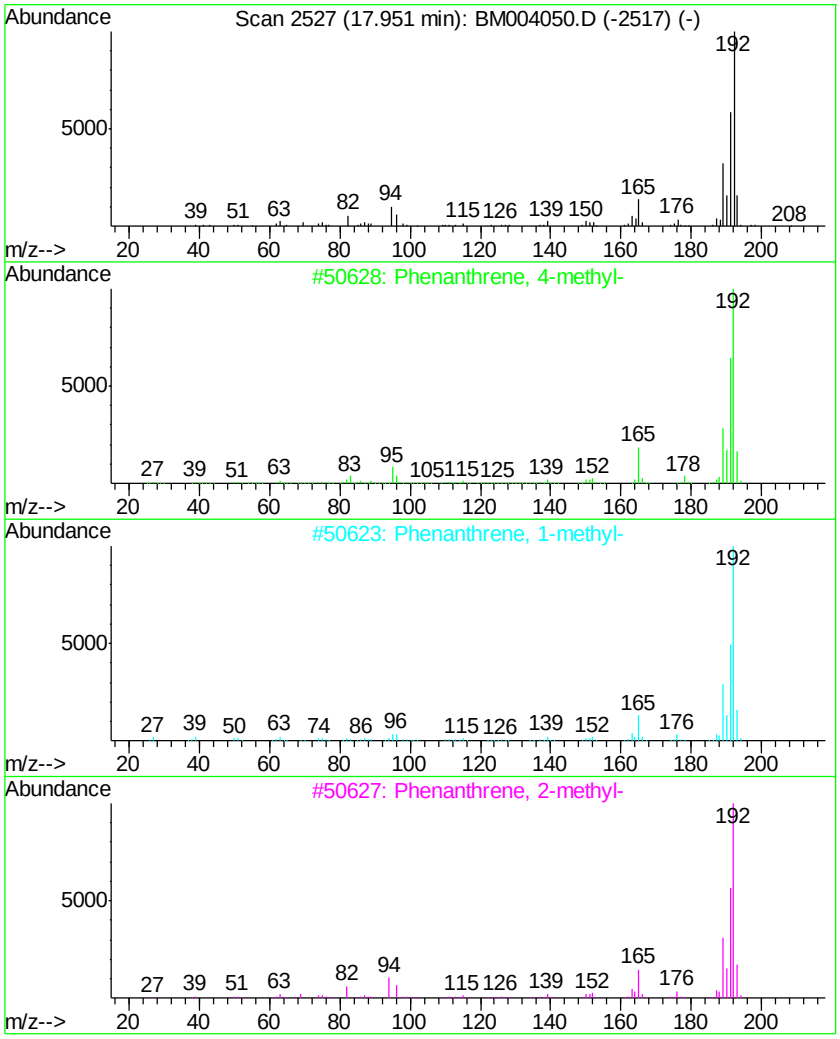
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

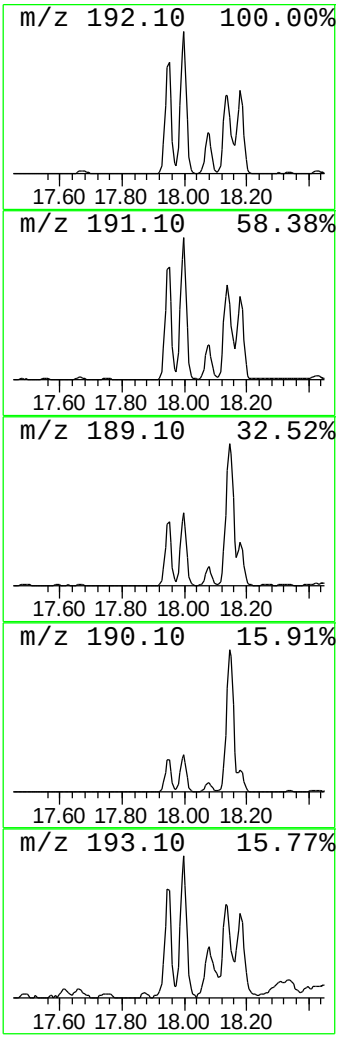
****

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	14.97 ng/ul	444985	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

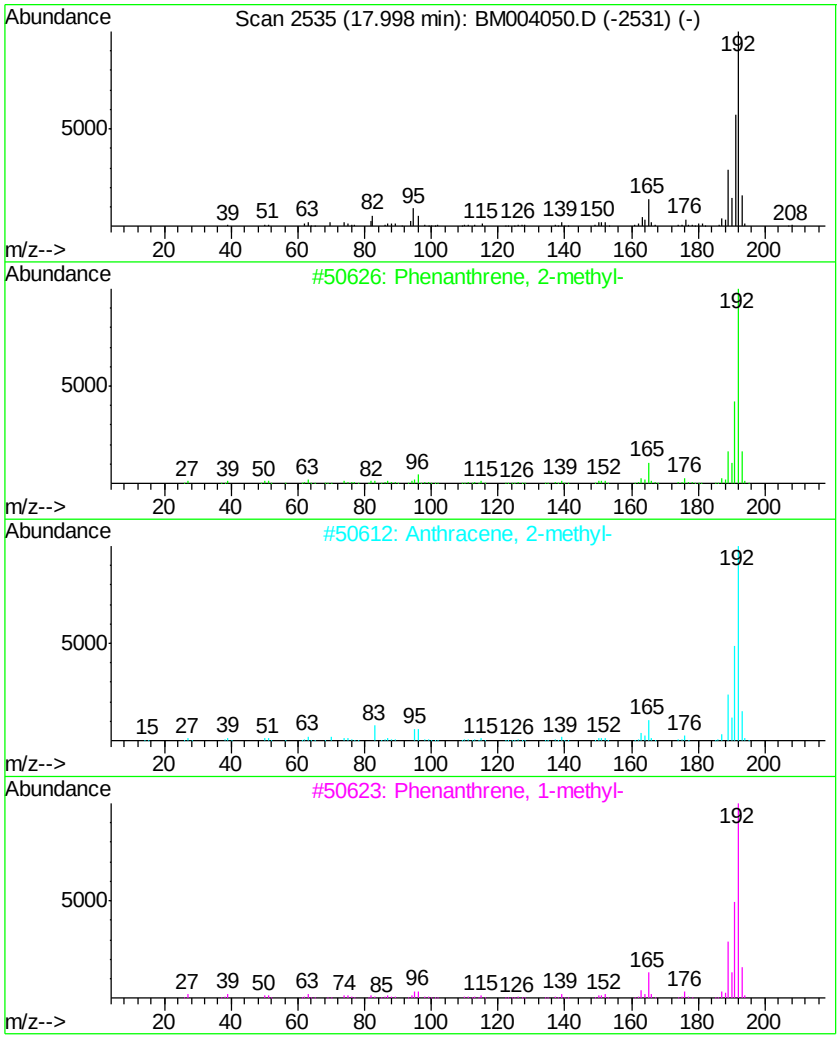
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

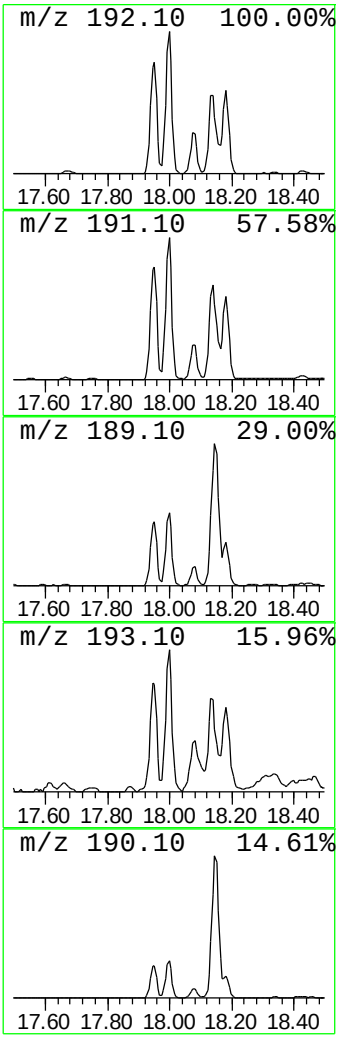
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	17.26 ng/ul	513096	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

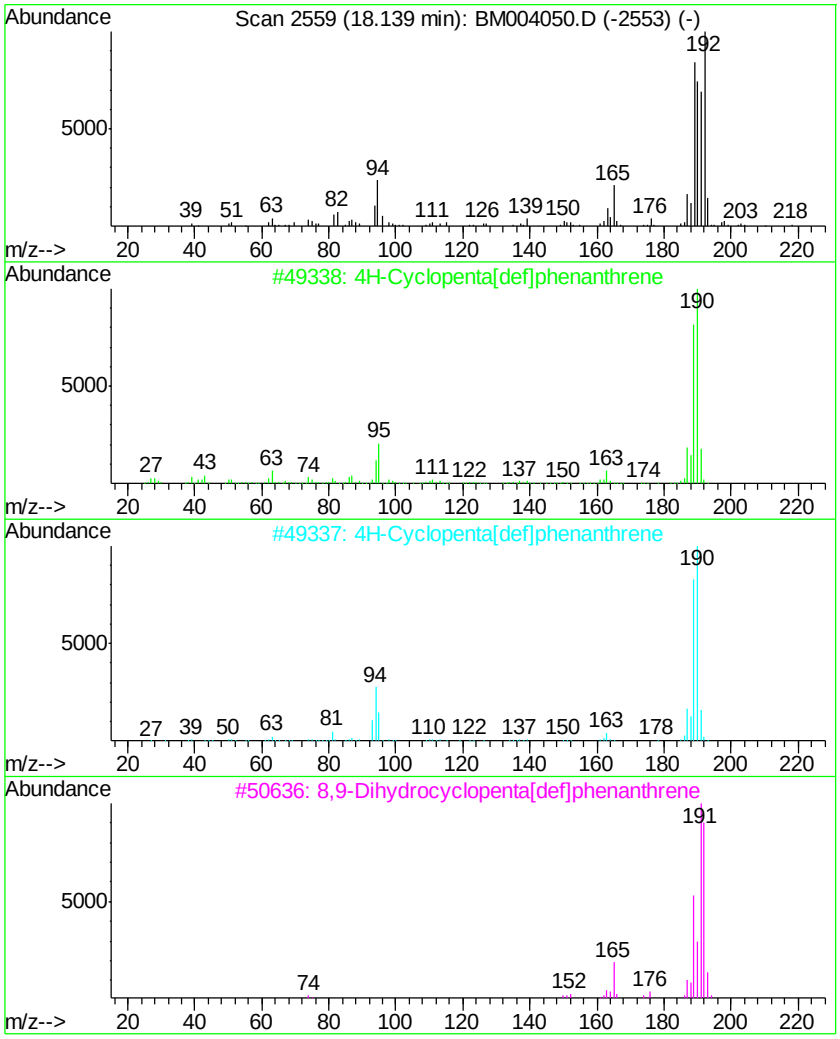
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

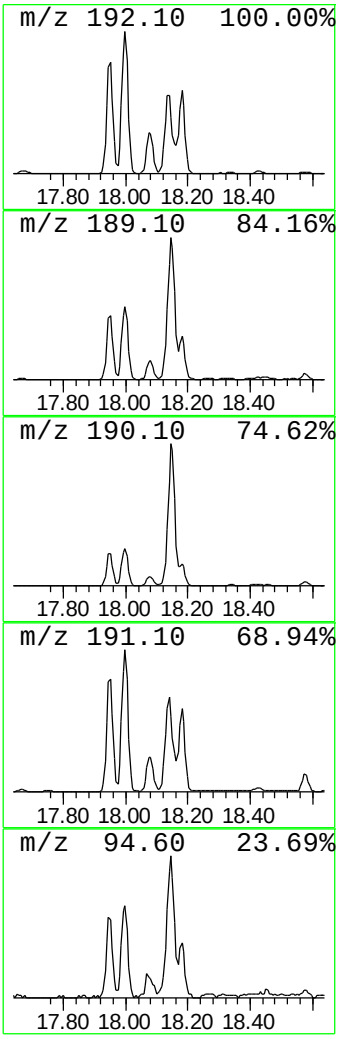
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	20.73 ng/ul	616366	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

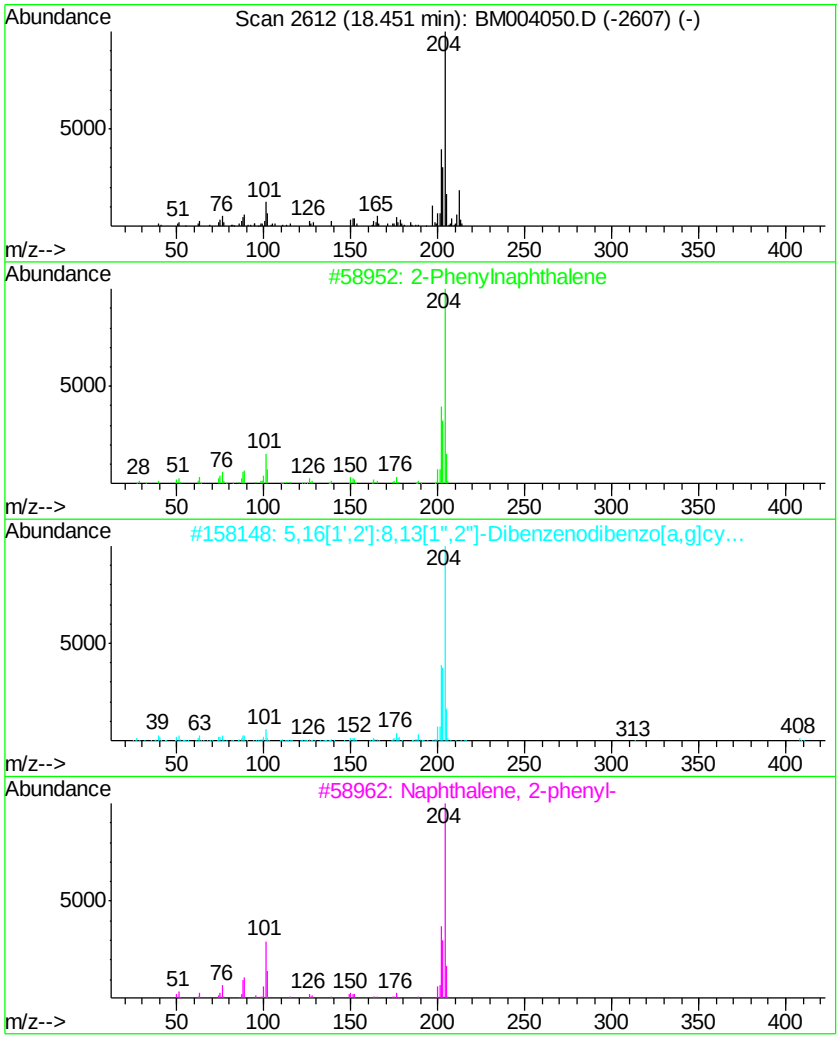
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

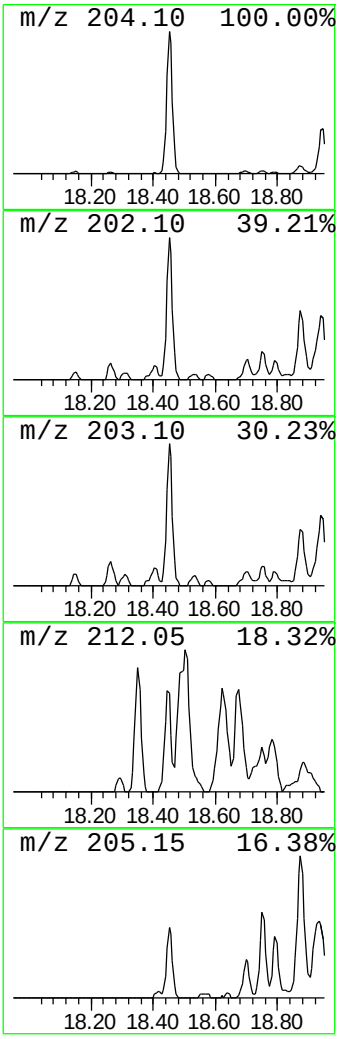
****

Peak Number 14 2-Phenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	7.13 ng/ul	212088	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	78
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

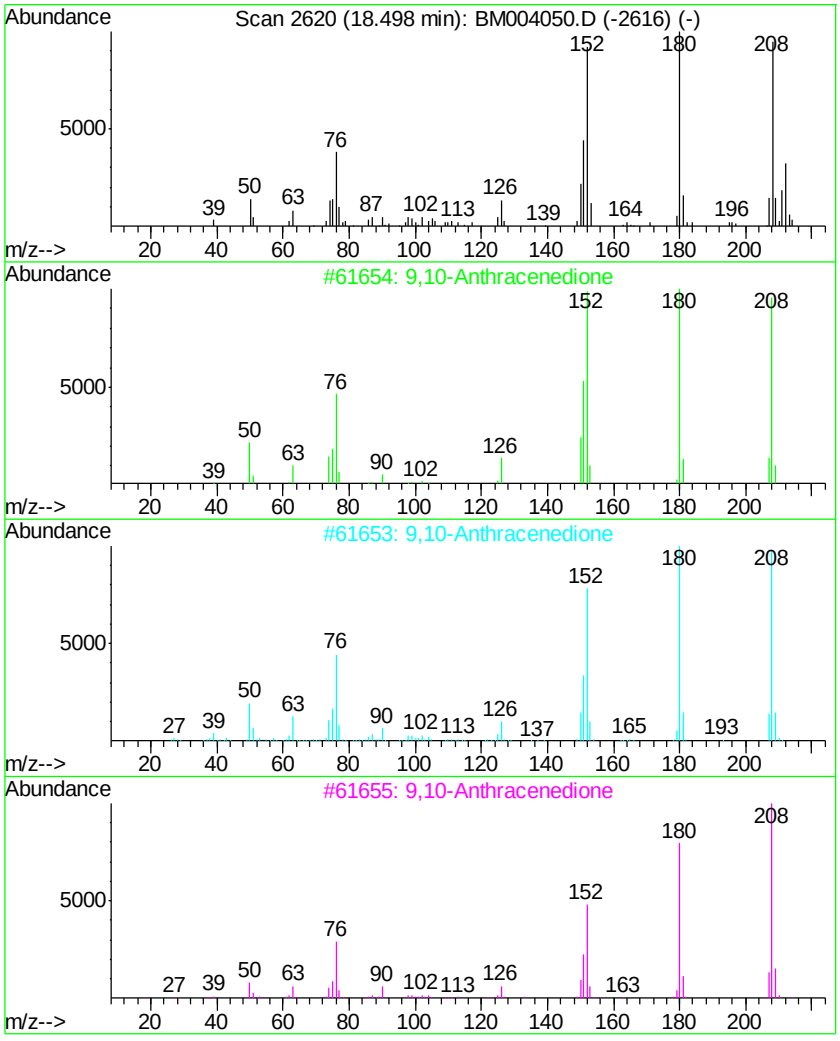
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

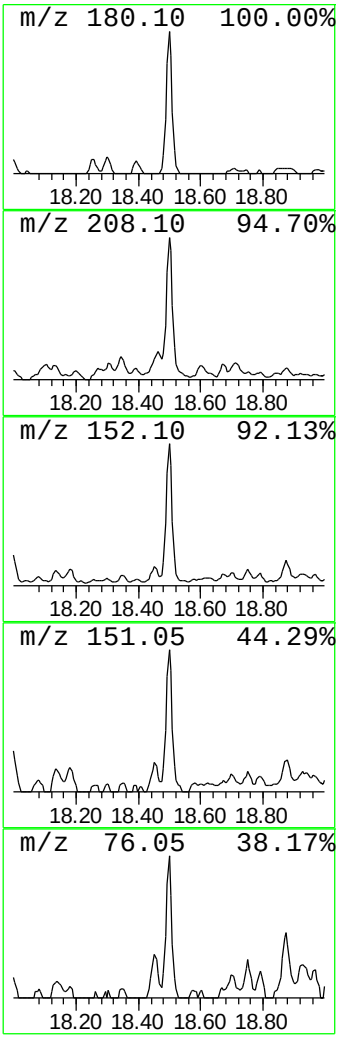
****

Peak Number 15 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	7.42 ng/ul	220575	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

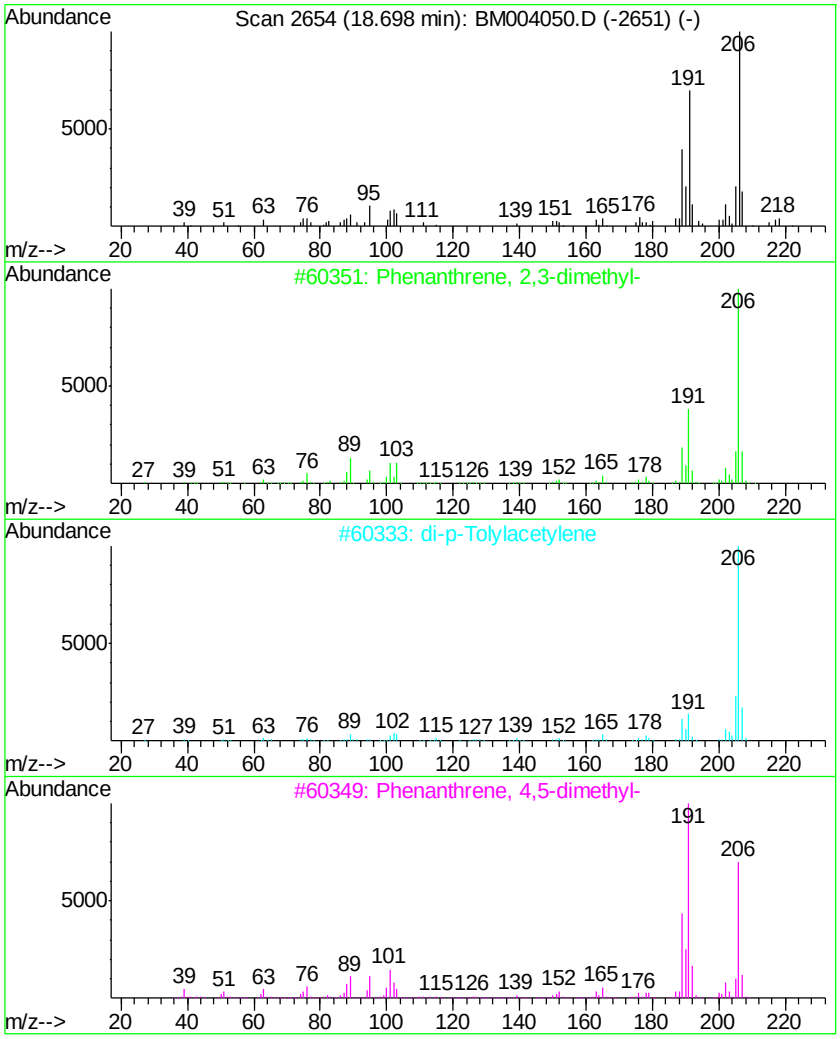
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

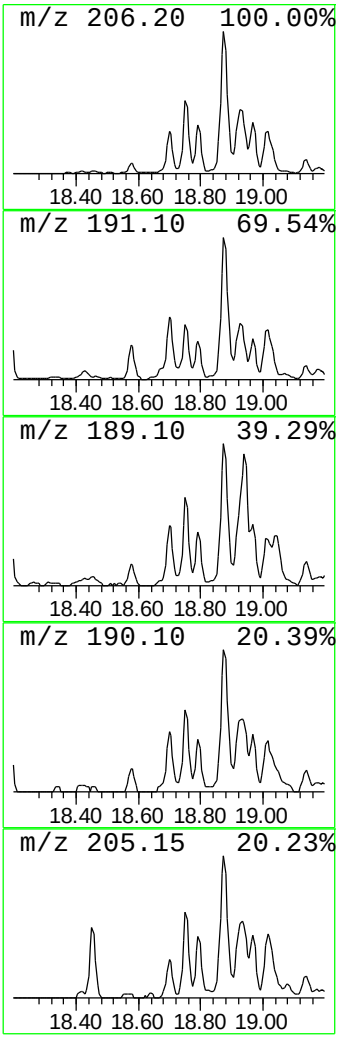
****

Peak Number 16 Phenanthrene, 2,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	3.12 ng/ul	92797	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

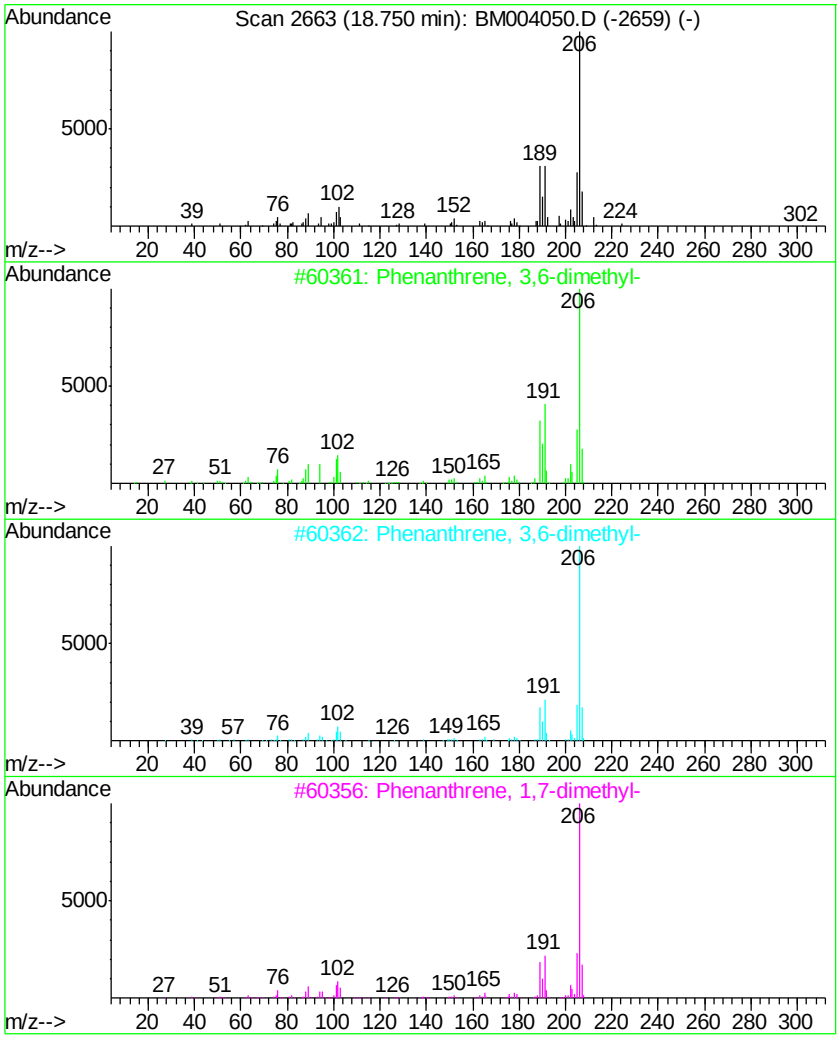
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

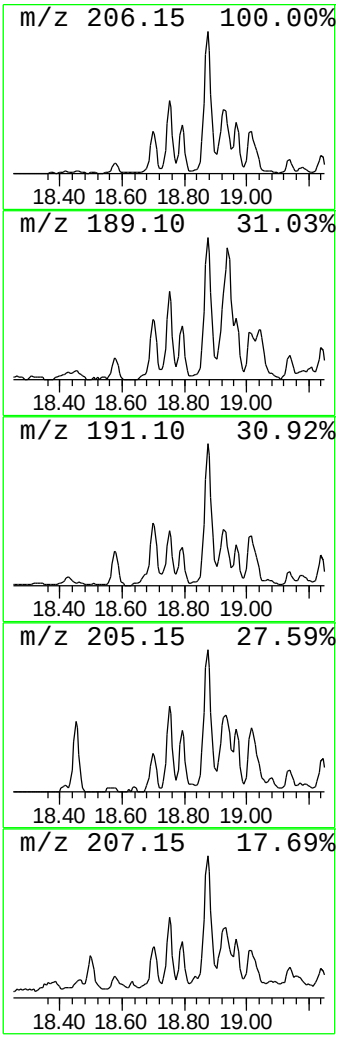
****

Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	4.39 ng/ul	130473	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	98
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

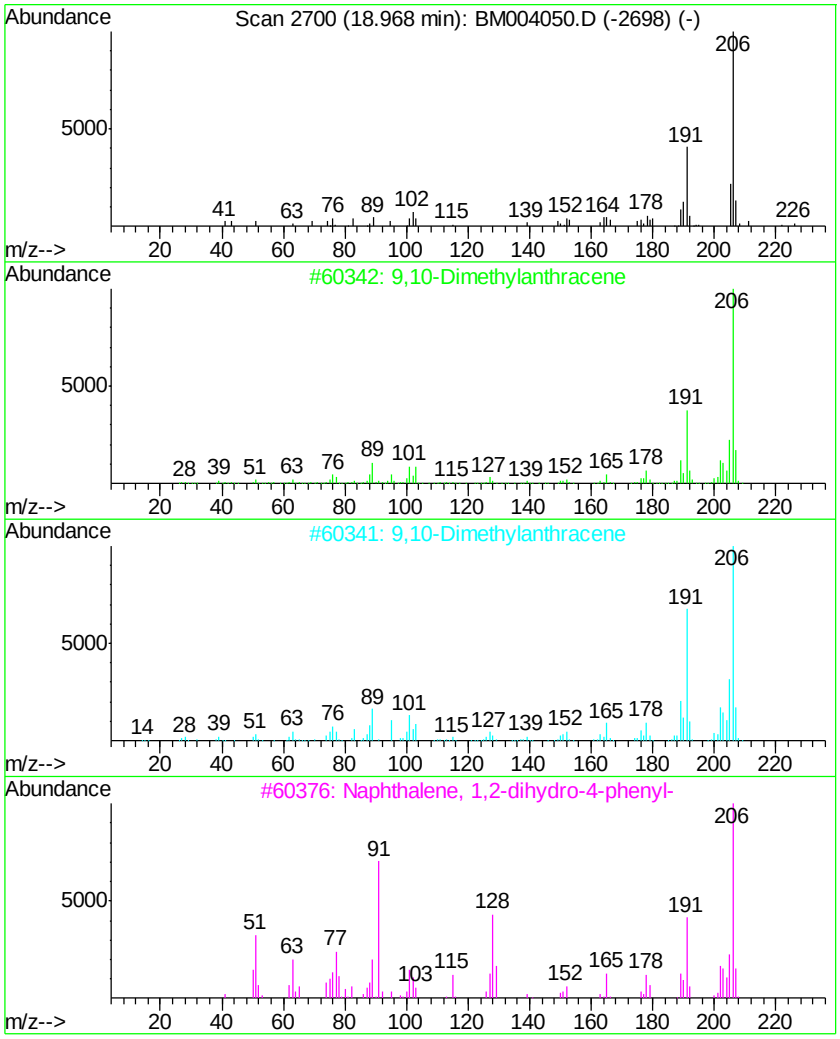
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

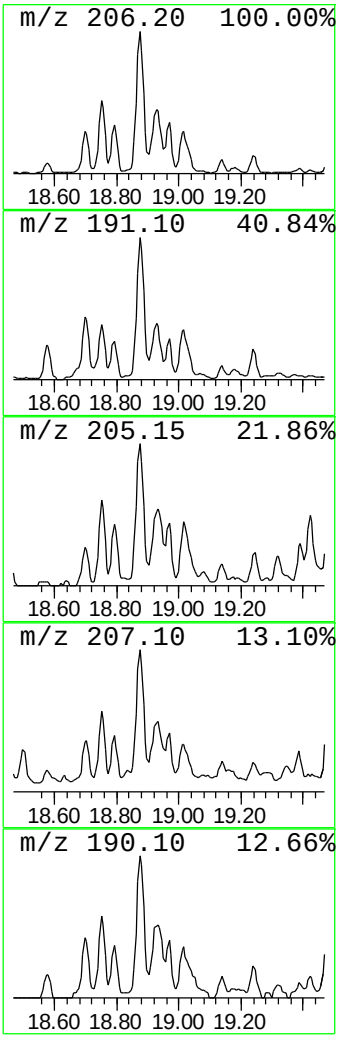
****

Peak Number 21 9,10-Dimethylanthracene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	2.64 ng/ul	78603	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

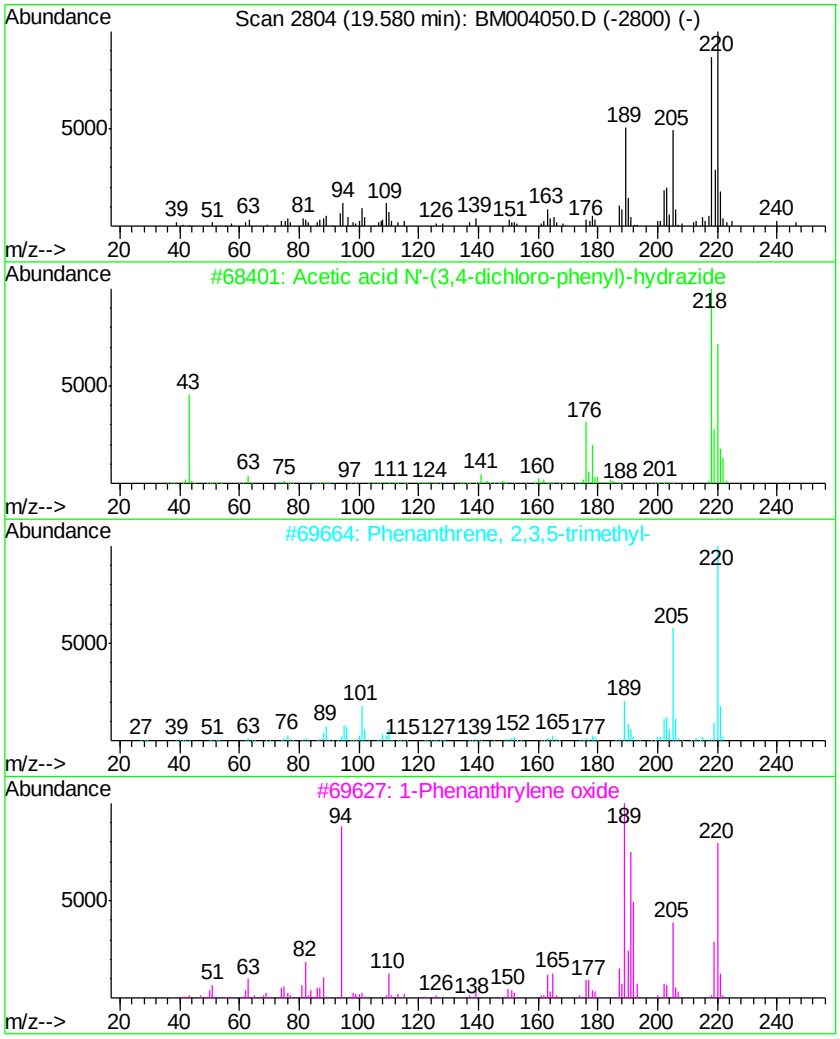
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

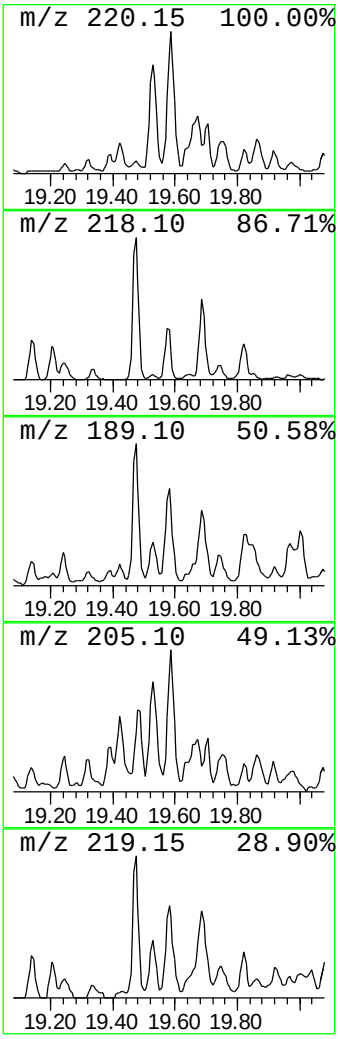
****

Peak Number 23 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	2.91 ng/ul	227146	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid N'-(3,4-dichloro-phe...	218	C8H8Cl2N2O	1000294-80-9	47
2	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	43
3	1-Phenanthrylene oxide	220	C16H12O	026698-45-3	43
4	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	42
5	Benzo[kl]xanthene	218	C16H10O	000200-23-7	42





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

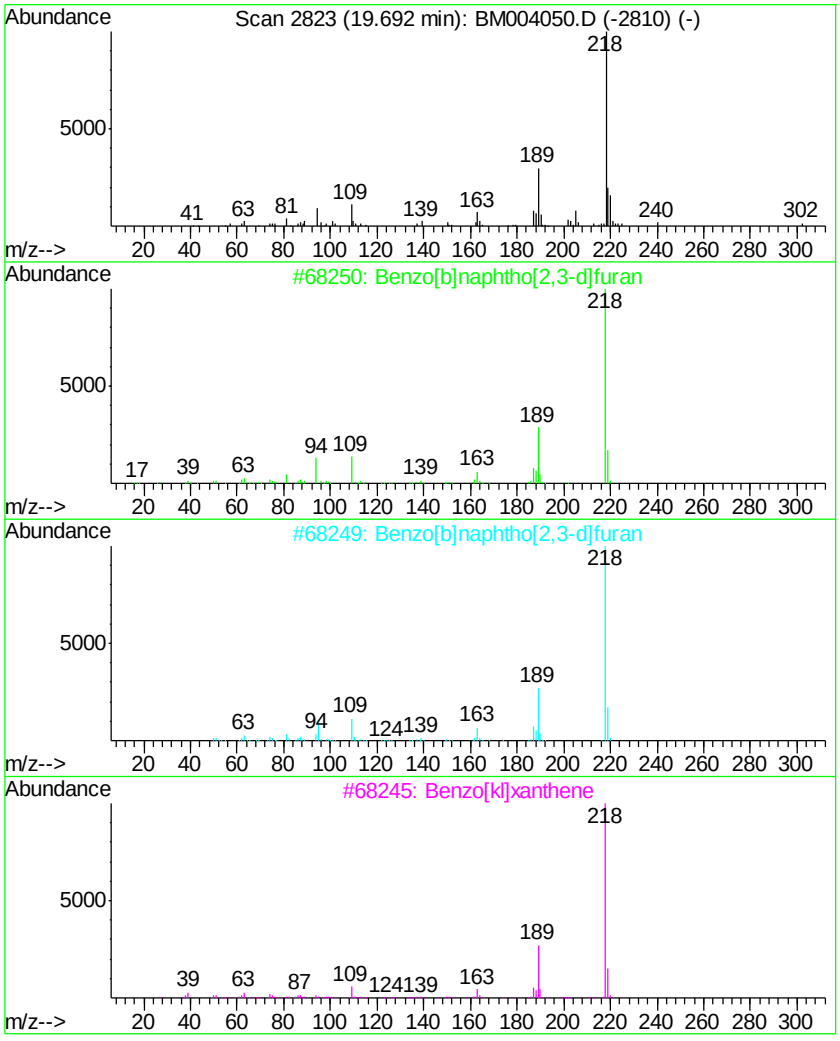
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

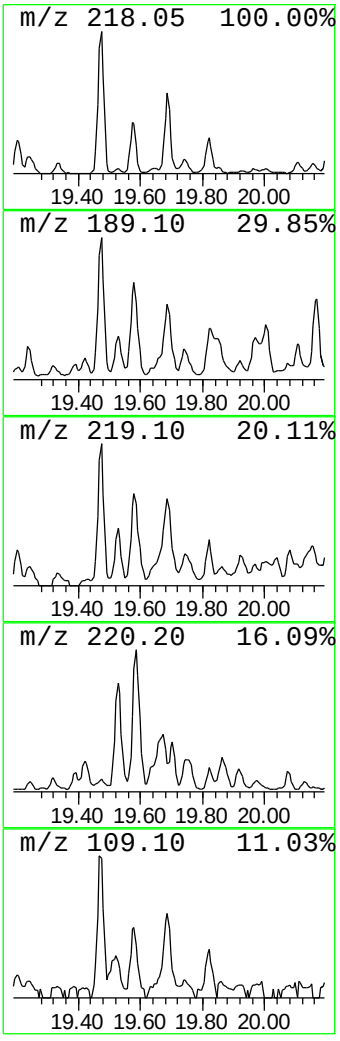
****

Peak Number 24 Benzo[b]naphtho[2,3-d]furan Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.37 ng/ul	262957	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	97
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	96
3	Benzo[kl]xanthene	218	C16H10O	000200-23-7	94
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
5	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

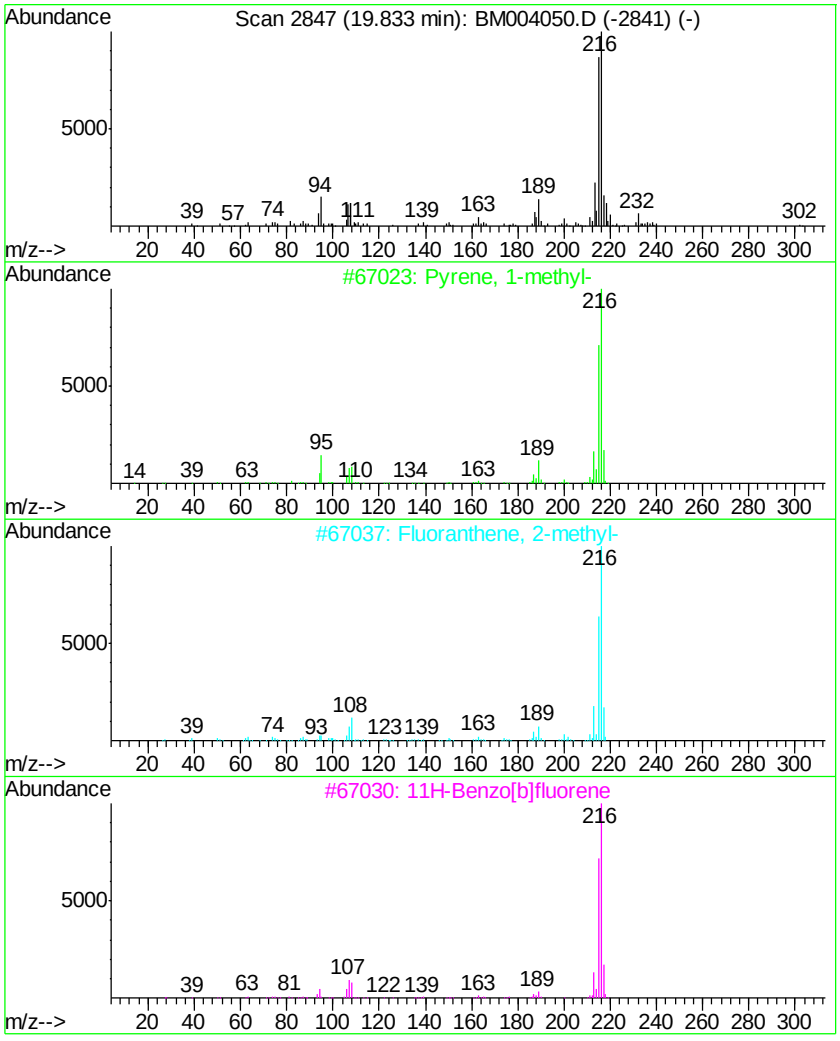
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

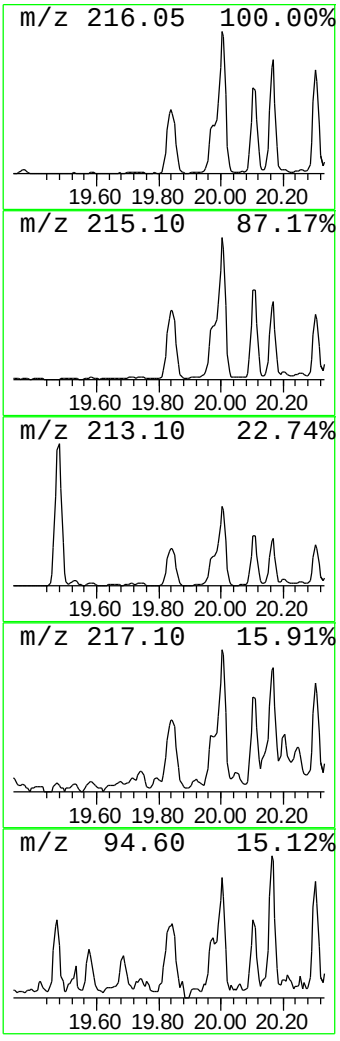
****

Peak Number 25 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	5.12 ng/ul	399690	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

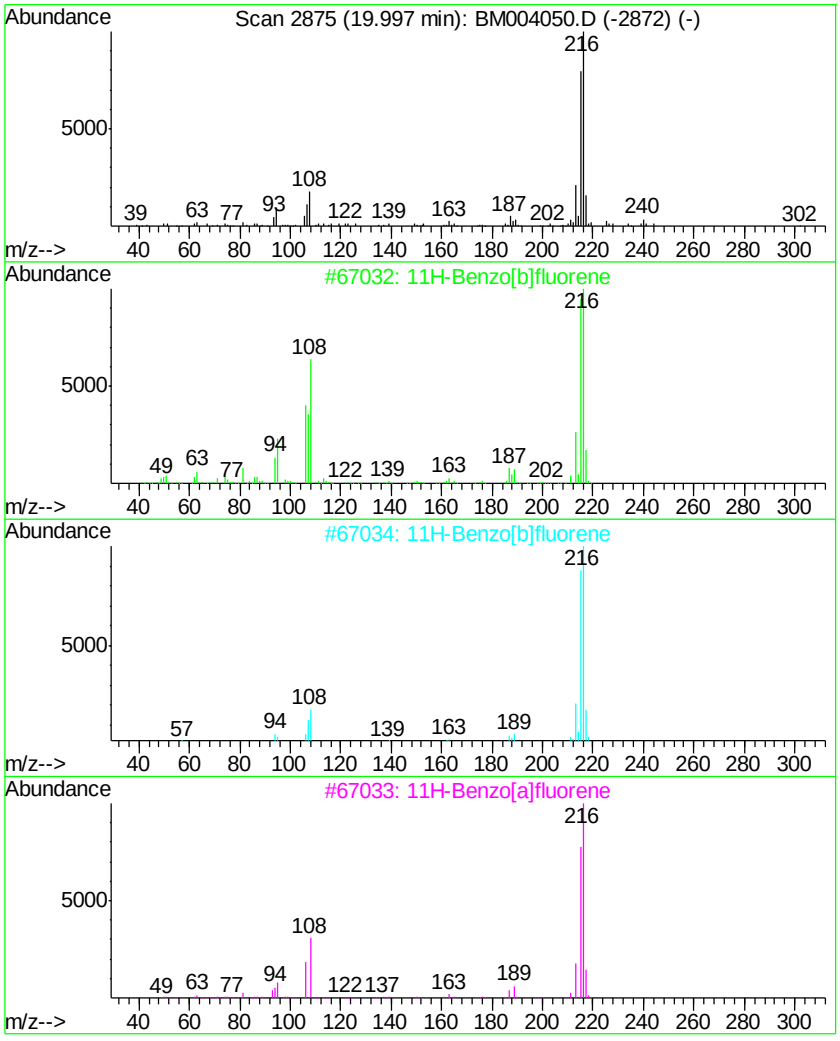
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

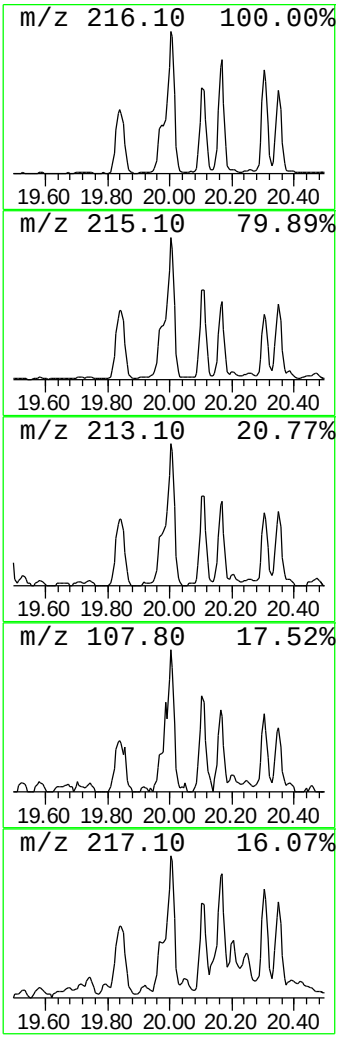
****

Peak Number 27 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	5.01 ng/ul	390636	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

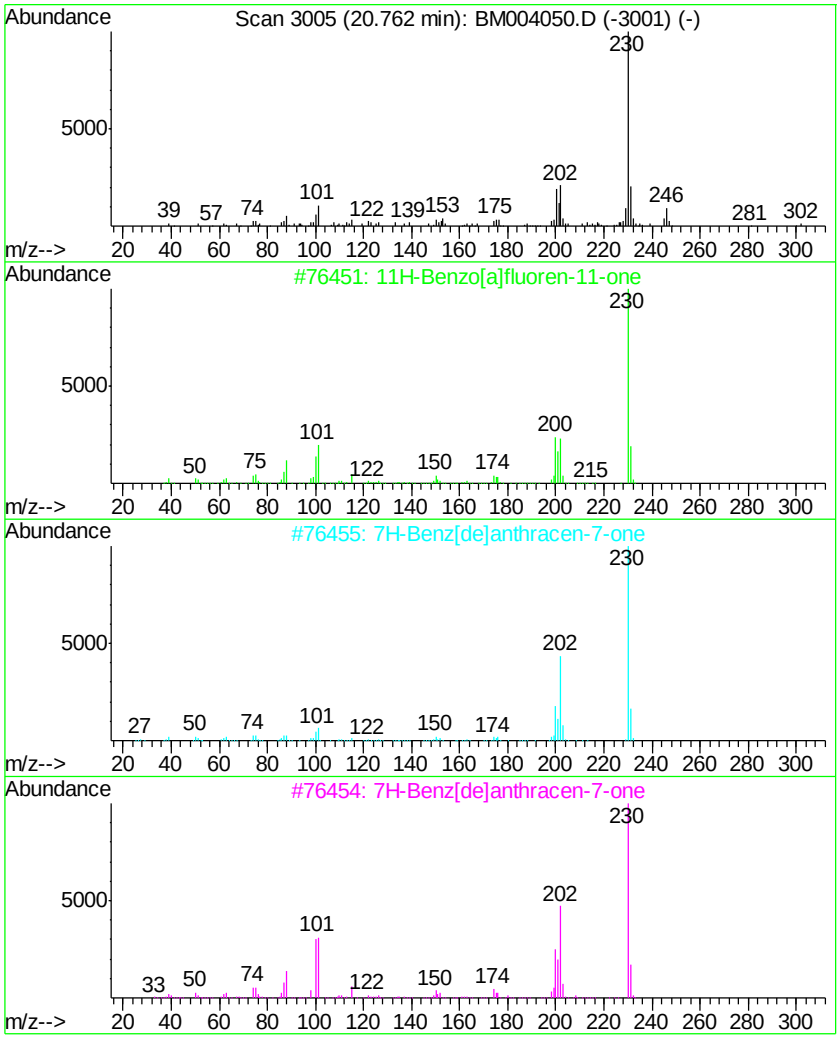
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

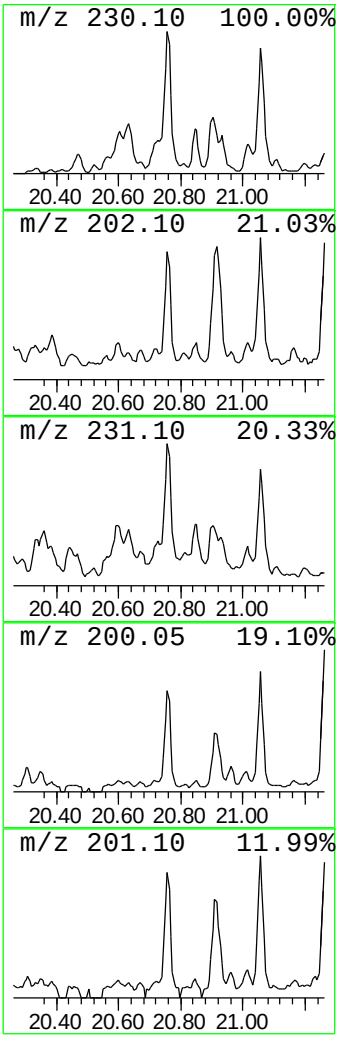
****

Peak Number 32 11H-Benzo[a]fluoren-11-one Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.52 ng/ul	196153	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
5	4-Chloro-indeno[1,2-b]pyridin-5-...	230	C12H7ClN2O	1000294-18-6	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

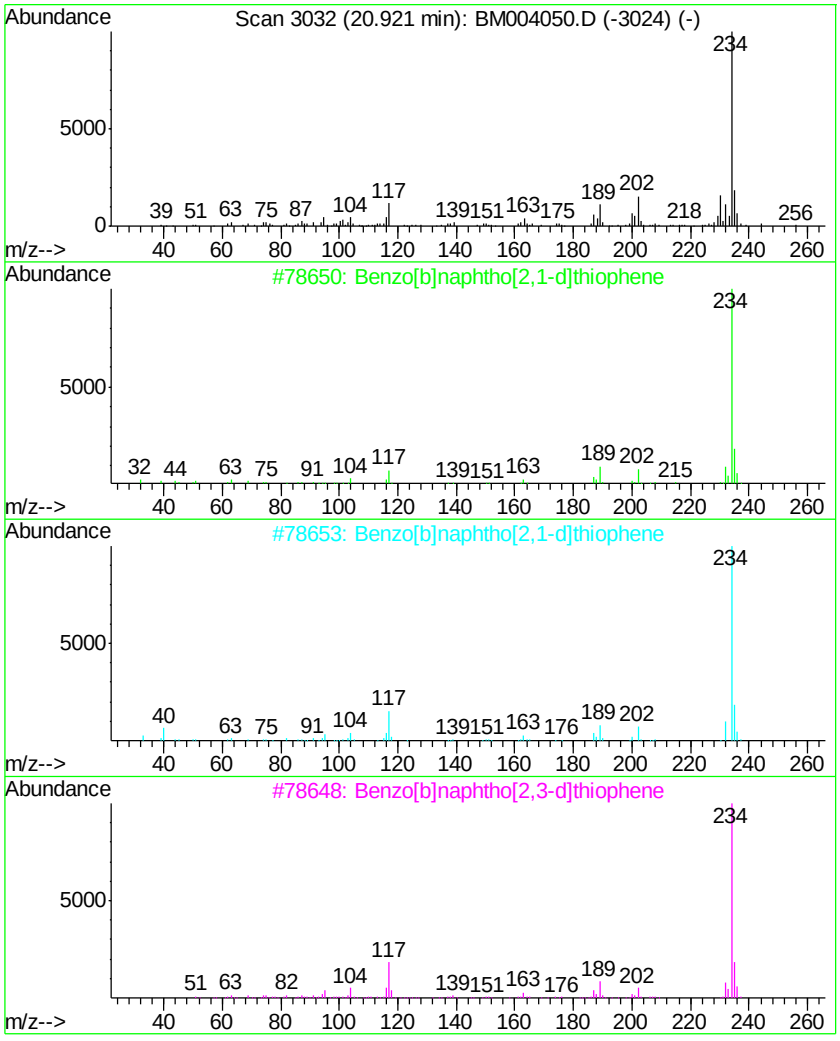
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

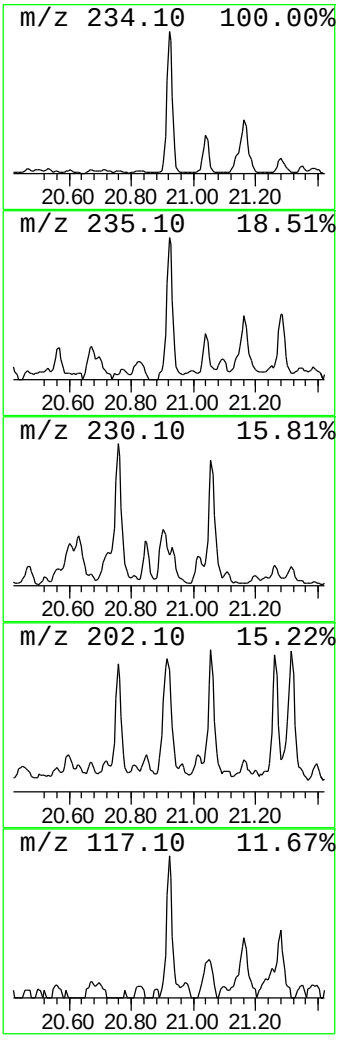
****

Peak Number 33 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.97 ng/ul	309429	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

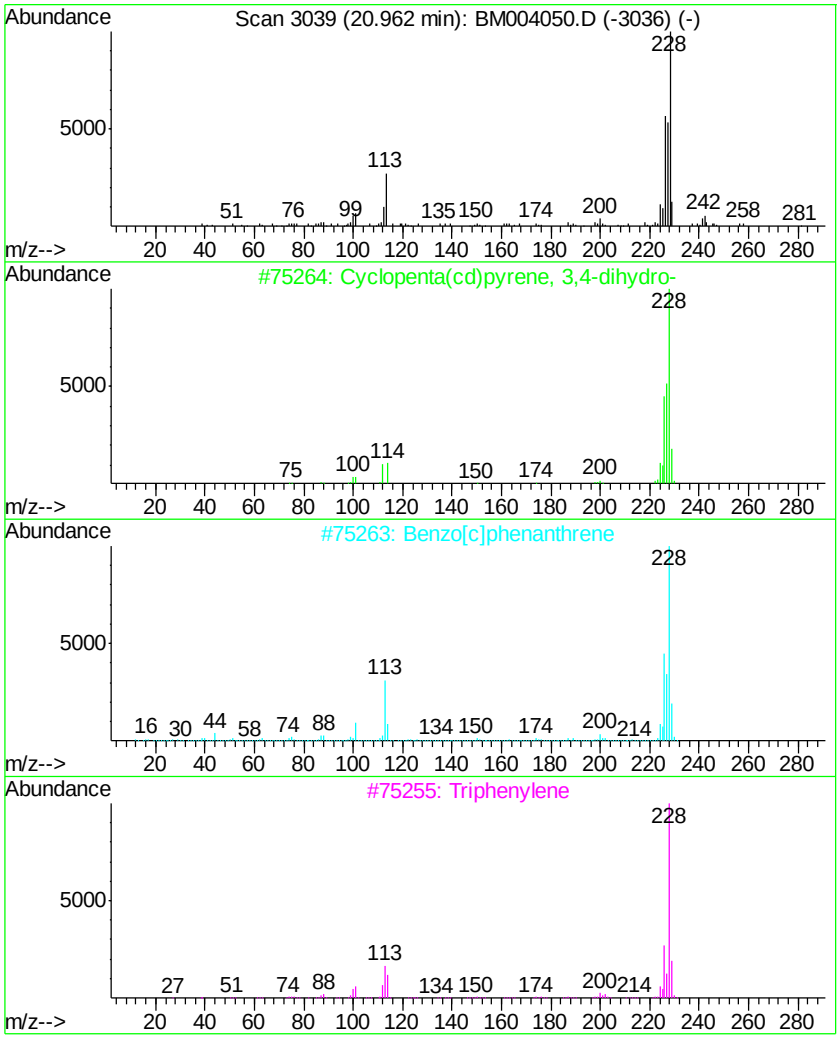
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

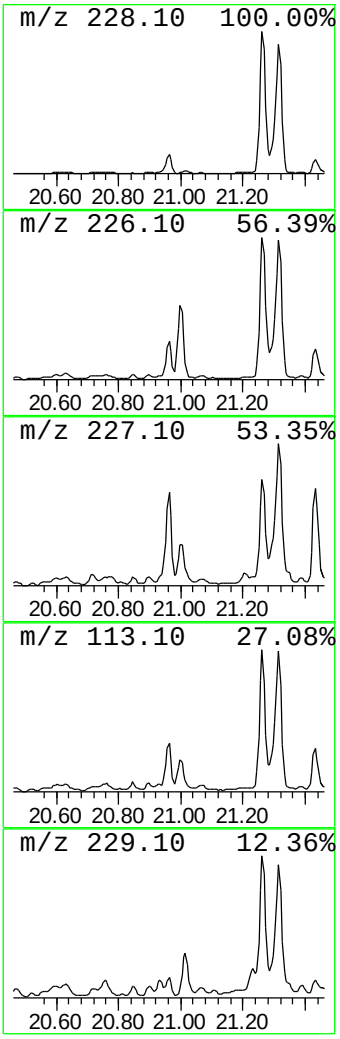
****

Peak Number 34 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.24 ng/ul	174913	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
3	Triphenylene	228	C18H12	000217-59-4	43
4	Triphenylene	228	C18H12	000217-59-4	43
5	Triphenylene	228	C18H12	000217-59-4	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

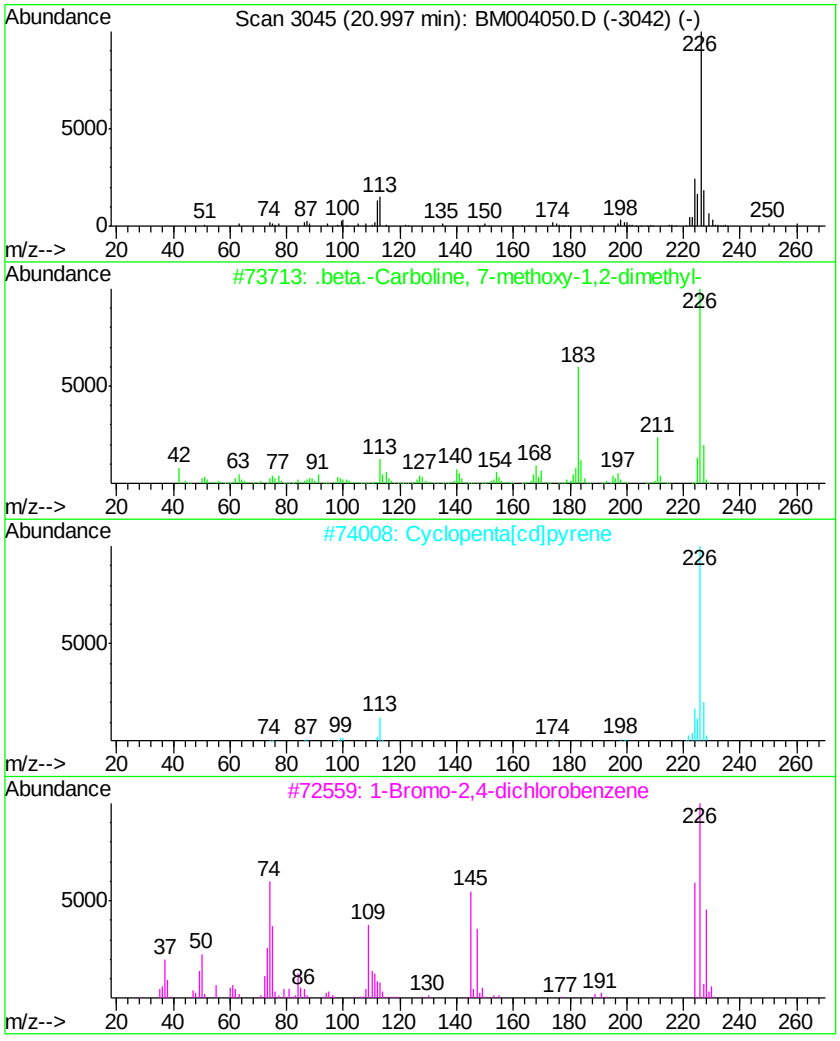
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

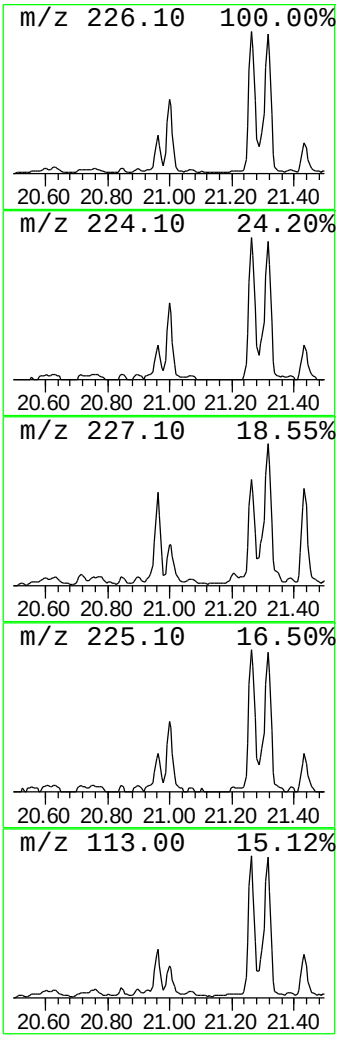
****

Peak Number 35 .beta.-Carboline, 7-methoxy... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.56 ng/ul	199500	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	52
3	1-Bromo-2,4-dichlorobenzene	224	C6H3BrCl2	001193-72-2	47
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
5	Pentanedioic acid, 1-(6-bromo-9-...	625	C35H48BrNO4	049646-95-9	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

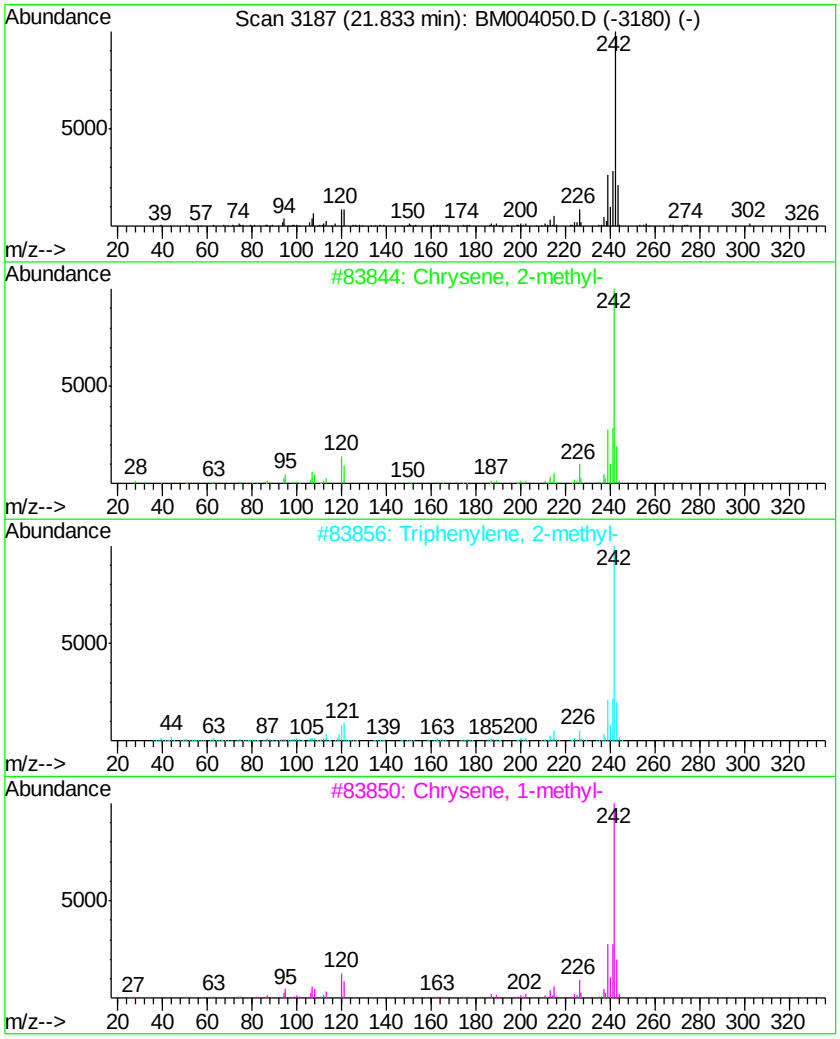
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

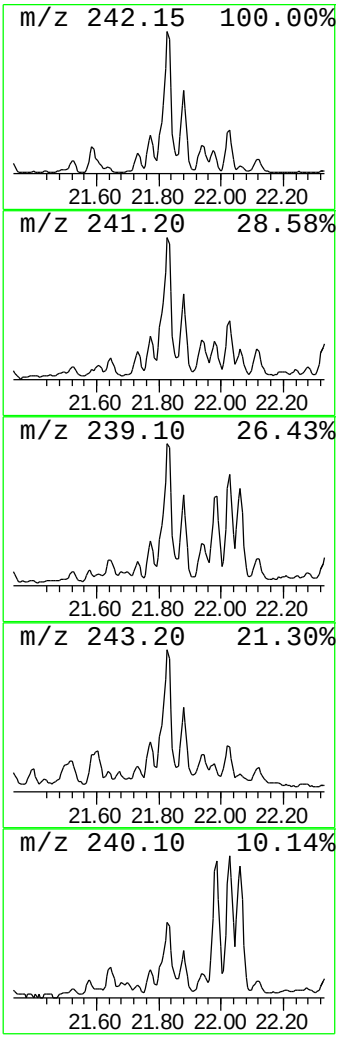
****

Peak Number 37 Chrysene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	4.73 ng/ul	369103	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 2-methyl-	242	C19H14	003351-32-4	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
5	Chrysene, 6-methyl-	242	C19H14	003697-24-3	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

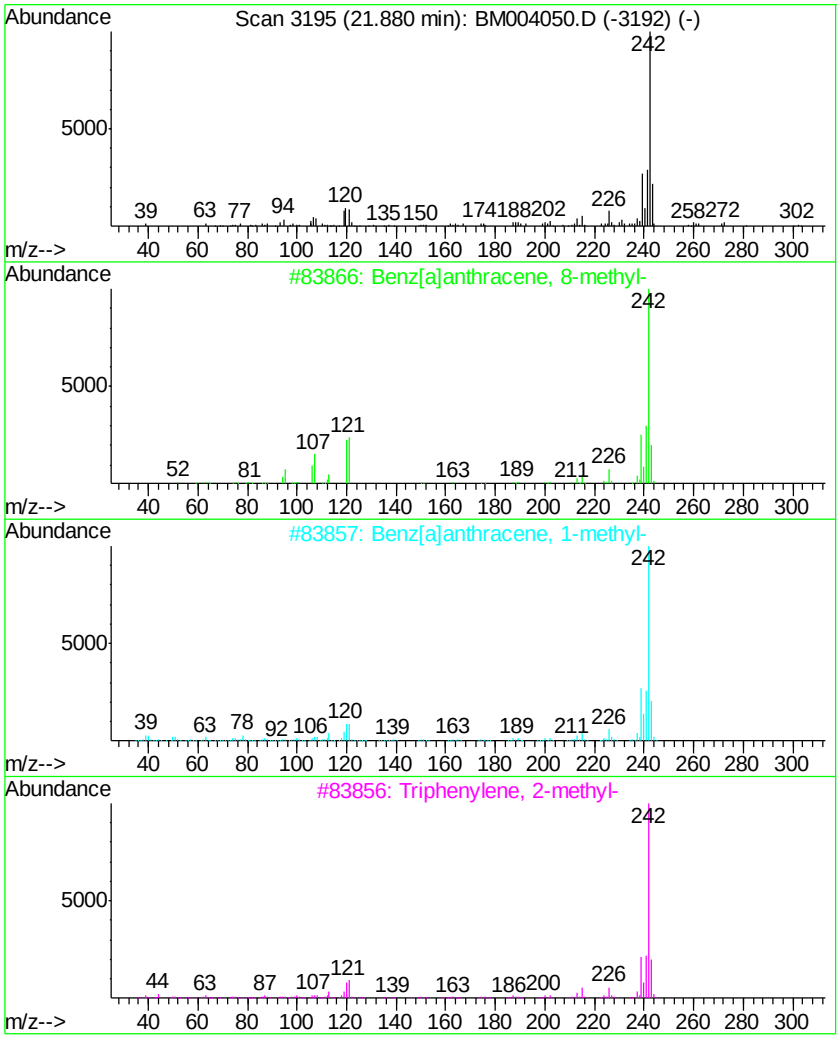
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

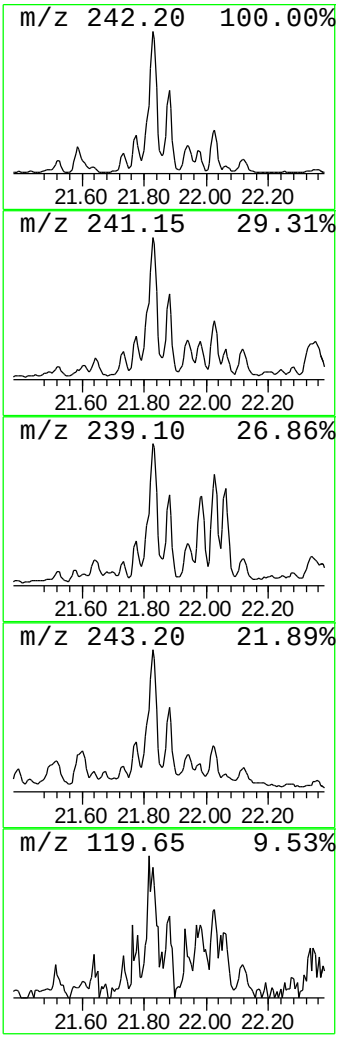
****

Peak Number 38 Benz[a]anthracene, 8-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	2.74 ng/ul	213570	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

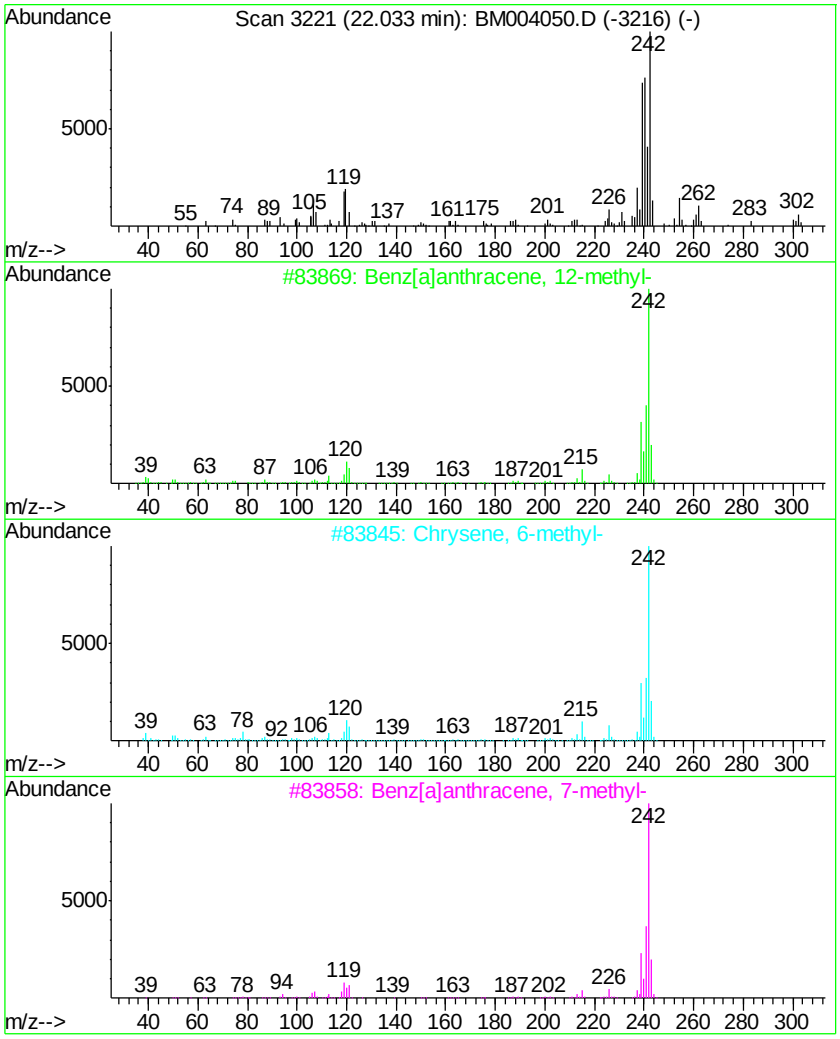
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

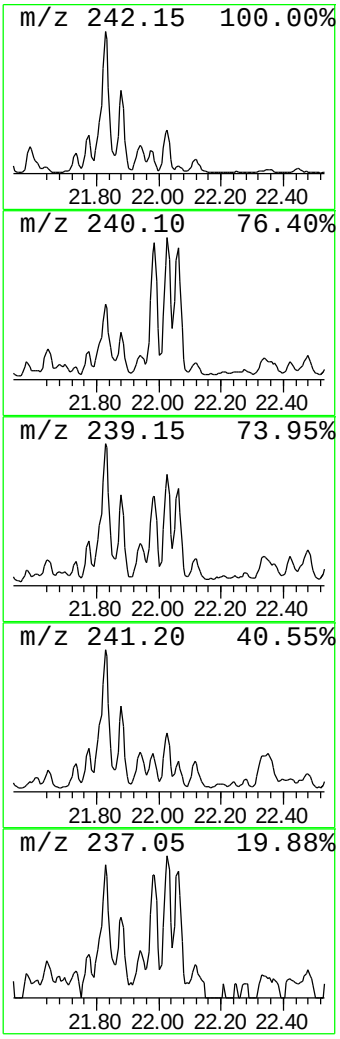
****

Peak Number 39 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	2.35 ng/ul	182908	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	45
2	Chrysene, 6-methyl-	242	C19H14	003697-24-3	45
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	45
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	45
5	Triphenylene, 1-methyl-	242	C19H14	002871-91-2	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

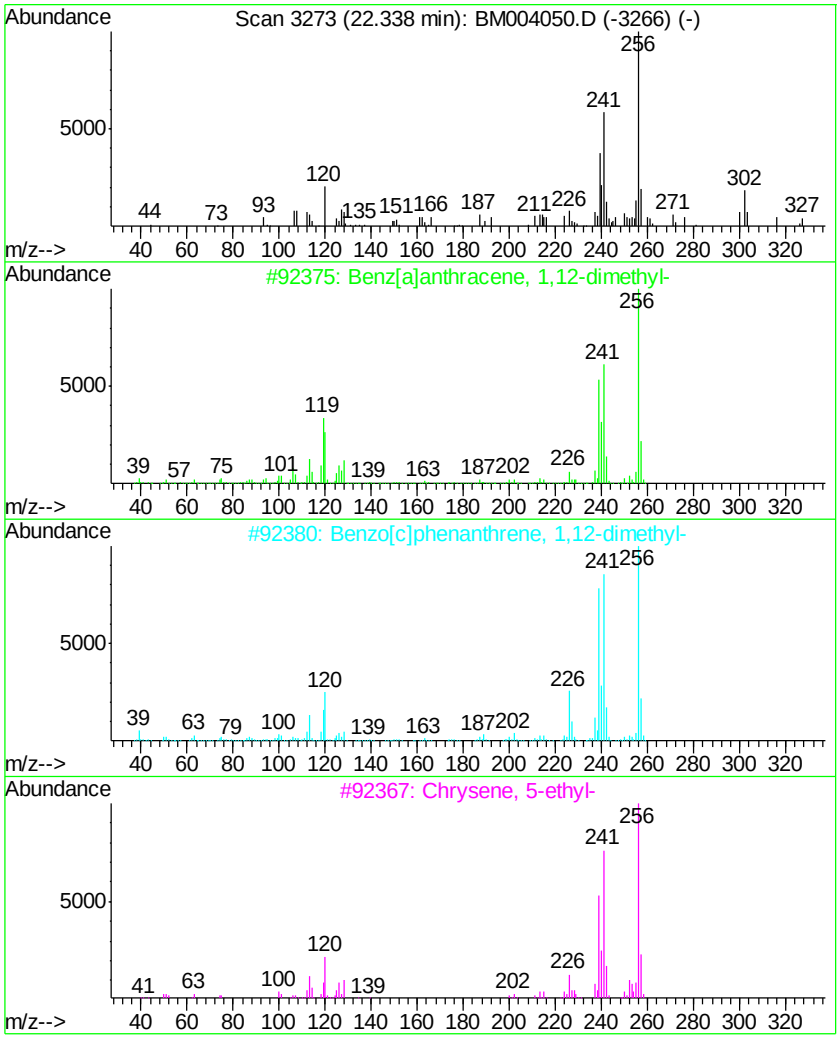
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

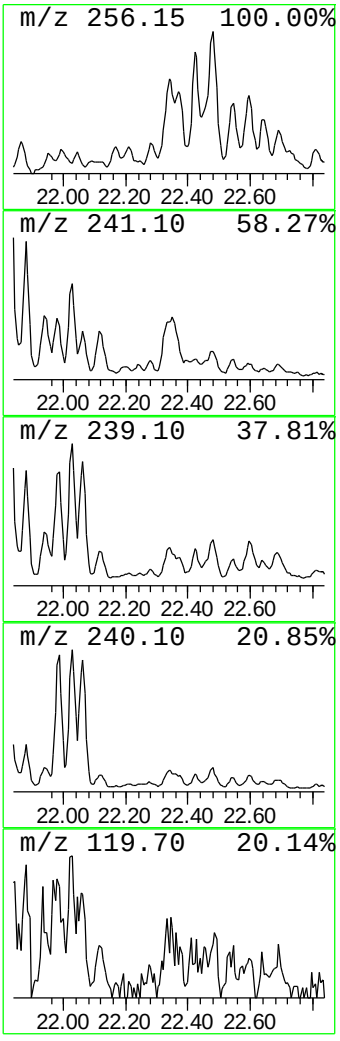
****

Peak Number 40 Benz[a]anthracene, 1,12-dim... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.26 ng/ul	176316	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	86
2	Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	81
3	Chrysene, 5-ethyl-	256	C20H16	054986-62-8	72
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	70
5	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

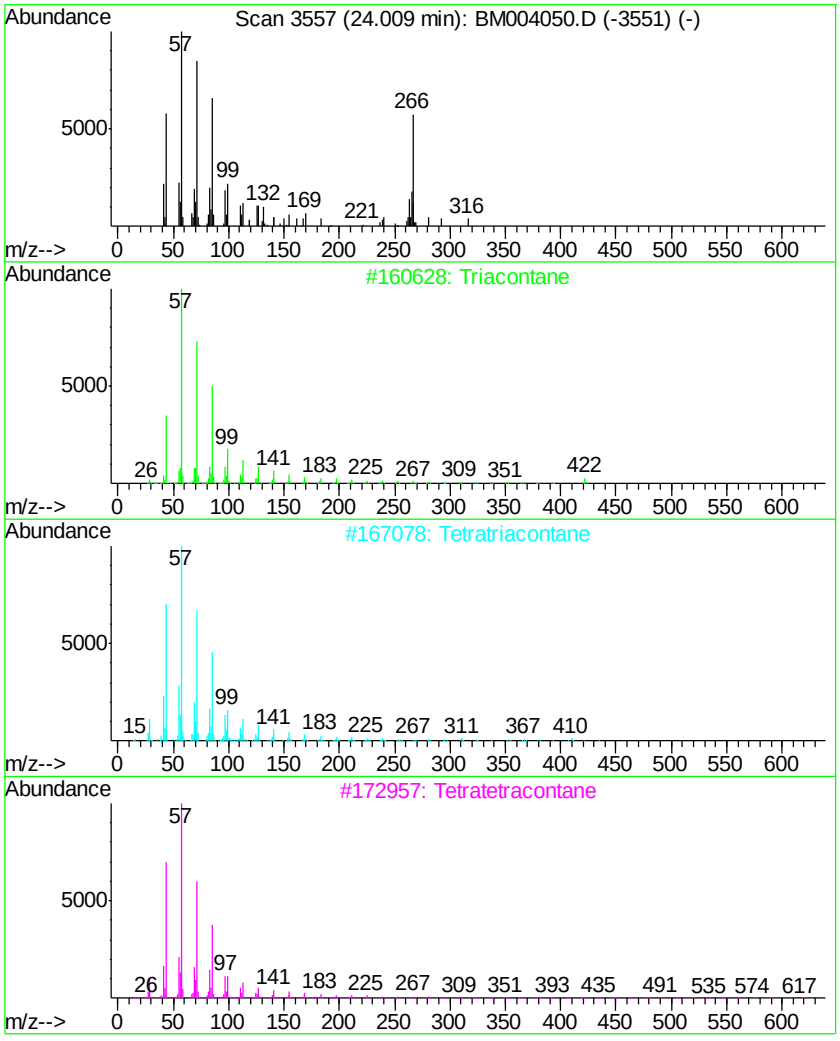
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

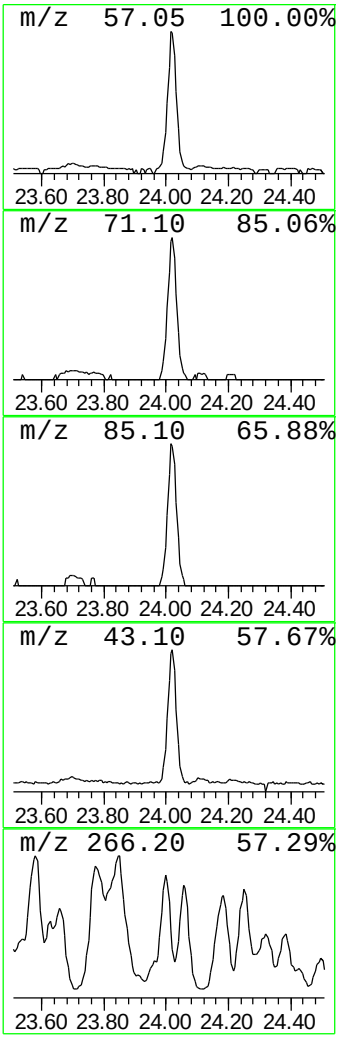
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	6.01 ng/ul	142930	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	76
2	Tetratriacontane	479	C34H70	014167-59-0	76
3	Tetratetracontane	619	C44H90	007098-22-8	76
4	Heptadecane	240	C17H36	000629-78-7	68
5	Heneicosane	296	C21H44	000629-94-7	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004050.D
Acq On : 15 Jan 2016 16:36
Operator : SJ/UM
Sample : H1100-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC990

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,3-...	13.64	3.5	ng/ul	90087	3	14.32	515452	20.0
Dibenzofuran, 4-m...	15.67	3.2	ng/ul	82277	3	14.32	515452	20.0
(DEL) Alkane: Str...	16.04	3.8	ng/ul	112627	4	17.07	594563	20.0
9H-Fluorene, 2-me...	16.38	4.4	ng/ul	130500	4	17.07	594563	20.0
Naphtho[2,3-b]thi...	16.89	4.6	ng/ul	137287	4	17.07	594563	20.0
Thioxanthene	17.65	4.7	ng/ul	139716	4	17.07	594563	20.0
Dibenzothiophene,...	17.80	2.8	ng/ul	84036	4	17.07	594563	20.0
Phenanthrene, 4-m...	17.95	15.0	ng/ul	444985	4	17.07	594563	20.0
Phenanthrene, 2-m...	18.00	17.3	ng/ul	513096	4	17.07	594563	20.0
4H-Cyclopenta[def...	18.14	20.7	ng/ul	616366	4	17.07	594563	20.0
2-Phenylnaphthalene	18.45	7.1	ng/ul	212088	4	17.07	594563	20.0
9,10-Anthracenedione	18.50	7.4	ng/ul	220575	4	17.07	594563	20.0
Phenanthrene, 2,3...	18.70	3.1	ng/ul	92797	4	17.07	594563	20.0
Phenanthrene, 3,6...	18.75	4.4	ng/ul	130473	4	17.07	594563	20.0
9,10-Dimethylanth...	18.97	2.6	ng/ul	78603	4	17.07	594563	20.0
unknown-01	19.58	2.9	ng/ul	227146	5	21.28	1559770	20.0
Benzo[b]naphtho[2...	19.69	3.4	ng/ul	262957	5	21.28	1559770	20.0
Pyrene, 1-methyl-	19.83	5.1	ng/ul	399690	5	21.28	1559770	20.0
11H-Benzo[b]fluorene	20.00	5.0	ng/ul	390636	5	21.28	1559770	20.0
11H-Benzo[a]fluor...	20.76	2.5	ng/ul	196153	5	21.28	1559770	20.0
Benzo[b]naphtho[2...	20.92	4.0	ng/ul	309429	5	21.28	1559770	20.0
Cyclopenta(cd)pyr...	20.96	2.2	ng/ul	174913	5	21.28	1559770	20.0
.beta.-Carboline,...	21.00	2.6	ng/ul	199500	5	21.28	1559770	20.0
Chrysene, 2-methyl-	21.83	4.7	ng/ul	369103	5	21.28	1559770	20.0
Benz[a]anthracene...	21.88	2.7	ng/ul	213570	5	21.28	1559770	20.0
unknown-02	22.03	2.4	ng/ul	182908	5	21.28	1559770	20.0
Benz[a]anthracene...	22.34	2.3	ng/ul	176316	5	21.28	1559770	20.0
(DEL) Alkane: Str...	24.01	6.0	ng/ul	142930	6	23.51	475742	20.0