LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002206.D
Acq On : 03 Aug 2015 20:25
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

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-BM072715.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	3.505	135	139	144	rVB	12187	16141	0.27%	0.030%
2	6.728	681	687	695	rBB	79217	119006	1.97%	0.224%
3	6.869	706	711	718	rBB	55944	82964	1.37%	0.156%
4	7.069	739	745	752	rBB	77726	119228	1.97%	0.224%
5	7.534	817	824	831	rBB	285696	450112	7.44%	0.846%
6	8.263	942	948	956	rBB	97674	151932	2.51%	0.286%
7	8.698	1016	1022	1027	rBV	74144	115422	1.91%	0.217%
8	9.416	1139	1144	1150	rBB	55284	86718	1.43%	0.163%
9	9.963	1231	1237	1244	rBB	98509	158428	2.62%	0.298%
10	10.322	1289	1298	1303	rBV	428131	678391	11.22%	1.275%
11	10.369	1303	1306	1312	rVB	40302	60790	1.01%	0.114%
12	10.469	1318	1323	1336	rBB	67795	113536	1.88%	0.213%
13	11.998	1577	1583	1588	rBB	16027	24398	0.40%	0.046%
14	12.222	1617	1621	1626	rBB	10277	15078	0.25%	0.028%
15	13.457	1827	1831	1834	rBB	12904	14472	0.24%	0.027%
16	13.522	1838	1842	1848	rBB2	9729	14582	0.24%	0.027%
17	13.621	1854	1859	1863	rVV	181477	245889	4.07%	0.462%
18	13.669	1863	1867	1872	rVB	59884	80448	1.33%	0.151%
19	13.898	1900	1906	1909	rBV	205085	307503	5.08%	0.578%
20	13.927	1909	1911	1923	rVB	84541	115465	1.91%	0.217%
21	14.210	1949	1959	1965	rBV2	649813	963399	15.93%	1.811%
22	14.274	1965	1970	1978	rVB	128035	183316	3.03%	0.345%
23	14.463	1998	2002	2007	rVV2	21417	32519	0.54%	0.061%
24	14.610	2022	2027	2032	rBV	53661	73955	1.22%	0.139%
25	15.063	2097	2104	2108	rBV4	12068	17900	0.30%	0.034%
26	15.210	2121	2129	2134	rBV	280710	385918	6.38%	0.725%
27	15.263	2134	2138	2144	rVB	124142	171790	2.84%	0.323%
28	15.357	2150	2154	2156	rBV4	10410	16262	0.27%	0.031%
29	15.386	2156	2159	2163	rVV2	20124	30232	0.50%	0.057%
30	15.427	2163	2166	2169	rVV2	17821	23742	0.39%	0.045%
31	15.468	2169	2173	2177	rVV3	15557	26730	0.44%	0.050%
32	15.557	2184	2188	2195	rVV	26636	36679	0.61%	0.069%
33	15.710	2210	2214	2222	rVB	26722	48976	0.81%	0.092%
34	15.945	2246	2254	2261	rVB4	32979	72905	1.21%	0.137%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002206.D
Acq On : 03 Aug 2015 20:25
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

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-BM072715.M
Title : SVOA CALIBRATION

35	16.268	2303	2309	2314	rVV3	33784	67514	1.12%	0.127%
36	16.321	2314	2318	2323	rVB3	23143	33010	0.55%	0.062%
37	16.421	2330	2335	2339	rBV4	14197	24435	0.40%	0.046%
38	16.480	2340	2345	2346	rBV3	10107	16085	0.27%	0.030%
39	16.498	2346	2348	2352	rVV2	15069	21708	0.36%	0.041%
40	16.539	2352	2355	2358	rVB2	22081	26649	0.44%	0.050%
41	16.627	2365	2370	2376	rVB	45033	68891	1.14%	0.130%
42	16.715	2376	2385	2389	rBV2	63225	124214	2.05%	0.234%
43	16.780	2389	2396	2405	rVB	88097	159780	2.64%	0.300%
44	16.968	2422	2428	2431	rBV	856002	1234473	20.41%	2.321%
45	17.009	2431	2435	2440	rVV	1741400	2424321	40.09%	4.557%
46	17.062	2440	2444	2447	rVV2	329871	463569	7.67%	0.871%
47	17.098	2447	2450	2456	rVB	461058	618868	10.23%	1.163%
48	17.157	2456	2460	2466	rBV3	36699	66855	1.11%	0.126%
49	17.374	2493	2497	2508	rVB	122168	203337	3.36%	0.382%
50	17.486	2512	2516	2519	rBV	37196	51051	0.84%	0.096%
51	17.545	2523	2526	2535	rVV3	49246	93661	1.55%	0.176%
52	17.839	2572	2576	2580	rBV	210248	289592	4.79%	0.544%
53	17.892	2580	2585	2589	rVB	279372	407534	6.74%	0.766%
54	17.968	2594	2598	2604	rVV	131025	199977	3.31%	0.376%
55	18.039	2604	2610	2614	rVV2	460759	786488	13.00%	1.478%
56	18.068	2614	2615	2624	rVB	149332	186590	3.09%	0.351%
57	18.151	2627	2629	2633	rVB4	32294	33575	0.56%	0.063%
58	18.239	2642	2644	2649	rVB3	17792	18819	0.31%	0.035%
59	18.286	2650	2652	2657	rVV6	25532	31899	0.53%	0.060%
60	18.345	2657	2662	2666	rVV	194951	256494	4.24%	0.482%
61	18.398	2667	2671	2680	rVB	83628	128301	2.12%	0.241%
62	18.468	2681	2683	2688	rVB	20927	23539	0.39%	0.044%
63	18.592	2701	2704	2709	rVB	51696	71889	1.19%	0.135%
64	18.645	2710	2713	2717	rVV	51604	64453	1.07%	0.121%
65	18.686	2717	2720	2723	rVB2	46882	54399	0.90%	0.102%
66	18.768	2729	2734	2740	rBV	109495	240383	3.97%	0.452%
67	18.833	2743	2745	2748	rVB2	51959	65402	1.08%	0.123%
68	18.921	2756	2760	2766	rVB3	94315	161058	2.66%	0.303%
69	19.045	2774	2781	2786	rBV	4445168	6047592	100.00%	11.369%
70	19.139	2794	2797	2801	rBV2	85115	112823	1.87%	0.212%
71	19.280	2818	2821	2825	rVB	89284	114630	1.90%	0.215%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002206.D
Acq On : 03 Aug 2015 20:25
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

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-BM072715.M
Title : SVOA CALIBRATION

72	19.380	2832	2838	2839	rBV2	1032257	1425990	23.58%	2.681%
73	19.415	2839	2844	2850	rVV	3497579	5259023	86.96%	9.886%
74	19.474	2851	2854	2858	rVB3	119486	148486	2.46%	0.279%
75	19.586	2869	2873	2877	rBV	191919	242643	4.01%	0.456%
76	19.651	2880	2884	2888	rBV	113650	158047	2.61%	0.297%
77	19.733	2892	2898	2899	rBV2	167326	310345	5.13%	0.583%
78	19.868	2917	2921	2922	rBV2	115328	164233	2.72%	0.309%
79	19.903	2923	2927	2932	rVB	610791	842083	13.92%	1.583%
80	20.003	2940	2944	2948	rBV	565504	684234	11.31%	1.286%
81	20.062	2951	2954	2957	rVV	244789	332286	5.49%	0.625%
82	20.098	2957	2960	2964	rVB	188600	233456	3.86%	0.439%
83	20.203	2974	2978	2981	rBV	135323	176040	2.91%	0.331%
84	20.250	2982	2986	2989	rVV2	208717	272984	4.51%	0.513%
85	20.656	3052	3055	3061	rVB	148541	198798	3.29%	0.374%
86	20.821	3079	3083	3086	rBV2	294070	399565	6.61%	0.751%
87	20.856	3086	3089	3092	rVV	290394	354144	5.86%	0.666%
88	20.897	3093	3096	3101	rVB2	261756	417086	6.90%	0.784%
89	21.168	3136	3142	3147	rBV3	2394924	4586353	75.84%	8.622%
90	21.215	3147	3150	3160	rVB	2122581	2615452	43.25%	4.917%
91	21.327	3166	3169	3176	rVB	422618	510664	8.44%	0.960%
92	21.486	3193	3196	3201	rVB2	183458	279373	4.62%	0.525%
93	22.721	3400	3406	3410	rBV	1540618	3341856	55.26%	6.282%
94	22.880	3429	3433	3439	rVB	326316	512946	8.48%	0.964%
95	23.180	3479	3484	3489	rBV	850090	1503153	24.86%	2.826%
96	23.280	3495	3501	3509	rVB	1541457	2749363	45.46%	5.168%
97	23.368	3512	3516	3520	rVV	609983	1104308	18.26%	2.076%
98	23.415	3521	3524	3531	rVB	463512	800016	13.23%	1.504%
99	25.580	3885	3892	3901	rVB2	728304	1980485	32.75%	3.723%
100	26.262	4002	4008	4023	rVB2	515953	1543702	25.53%	2.902%

Sum of corrected areas: 53195798

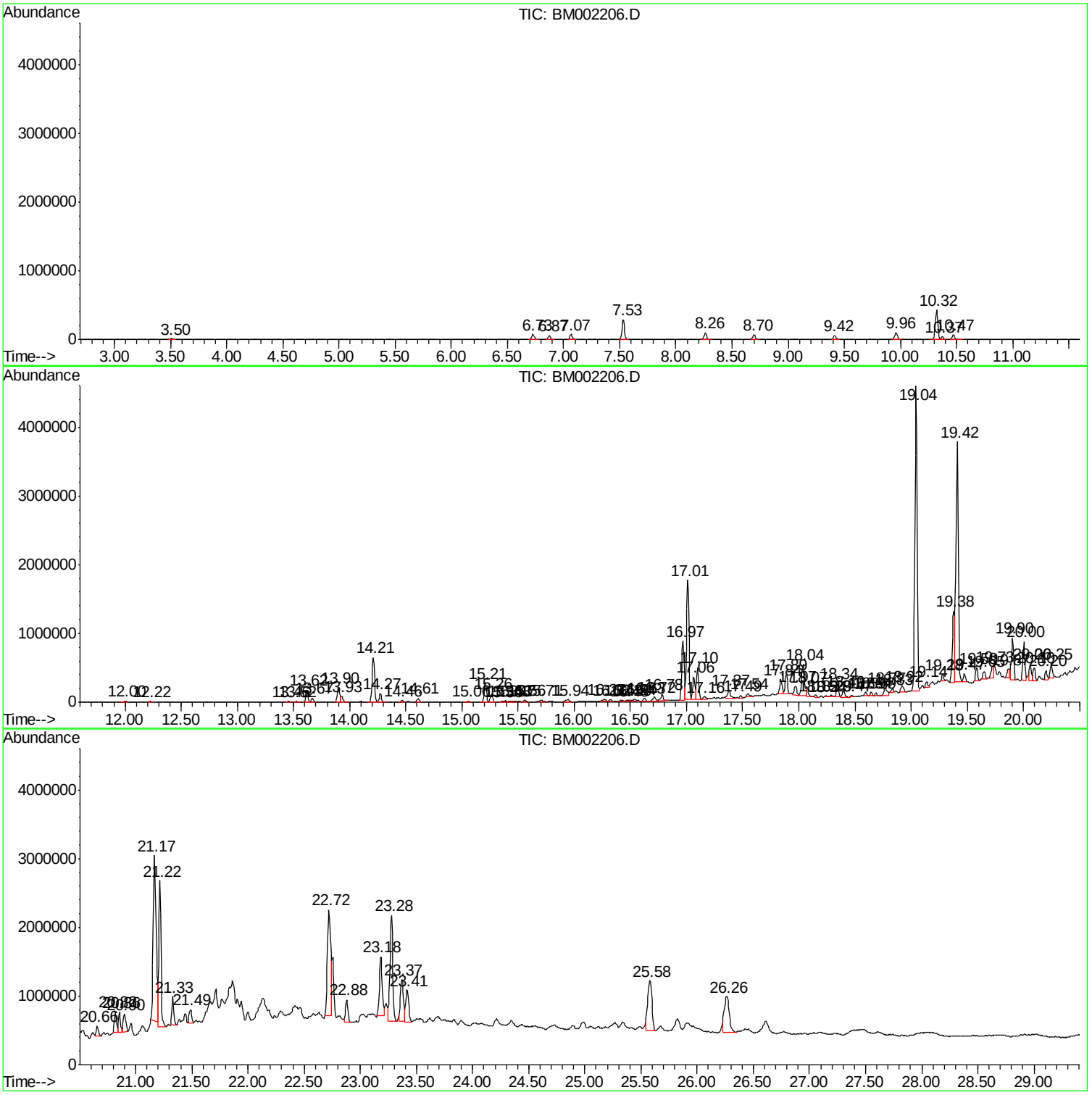
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002206.D
Acq On : 03 Aug 2015 20:25
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002206.D
Acq On : 03 Aug 2015 20:25
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

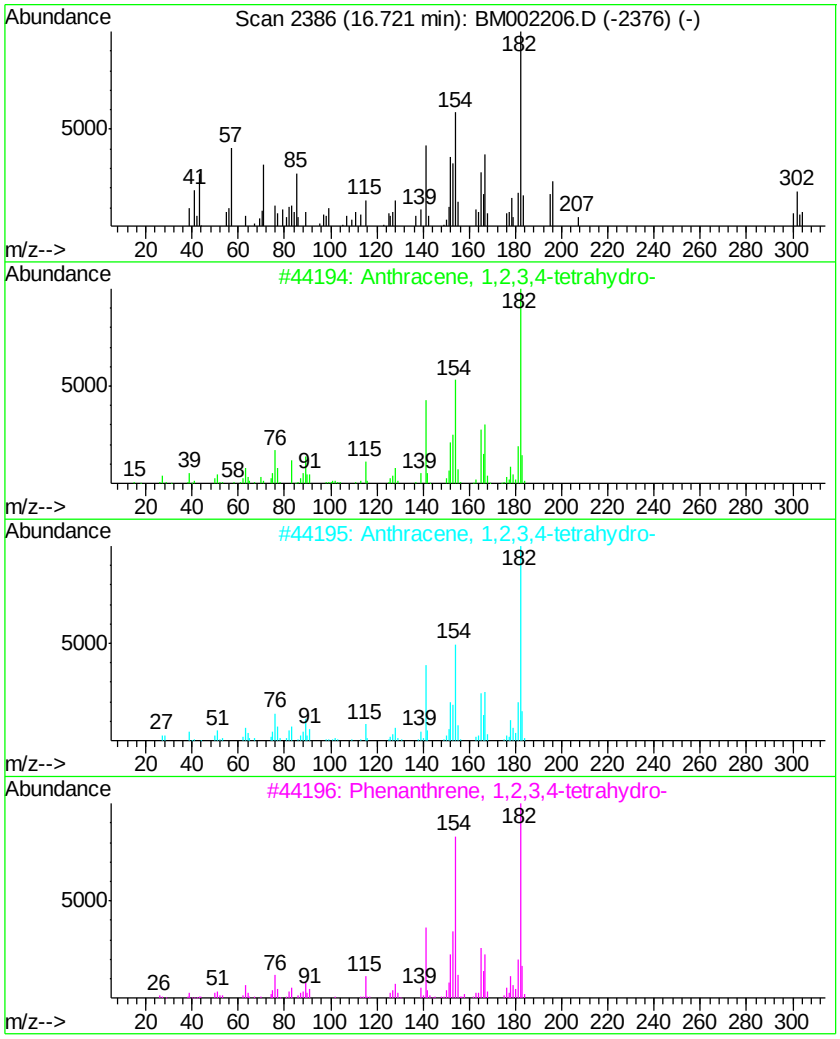
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

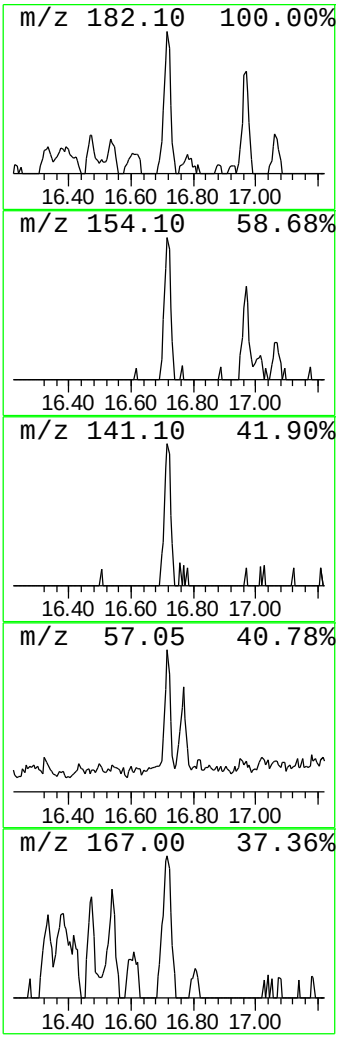
****

Peak Number 1 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	2.01 ng/ul	124214	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	90
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	90
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	64
4	Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	58
5	7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002206.D
Acq On : 03 Aug 2015 20:25
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

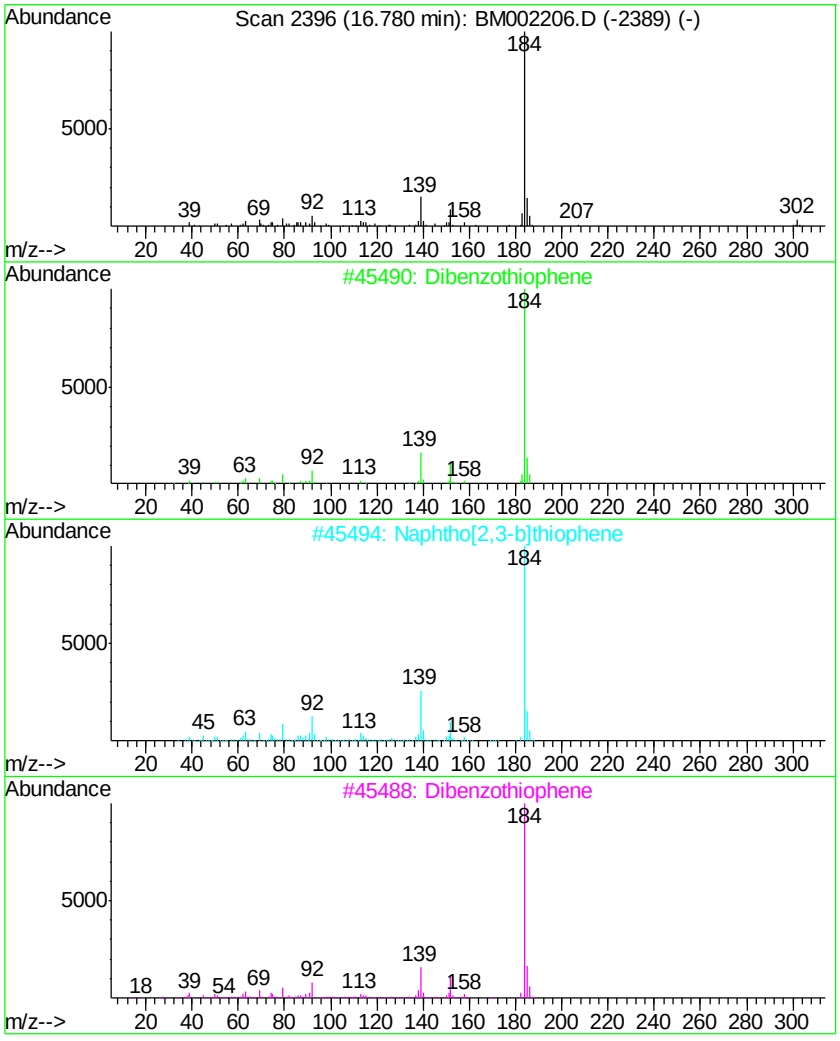
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

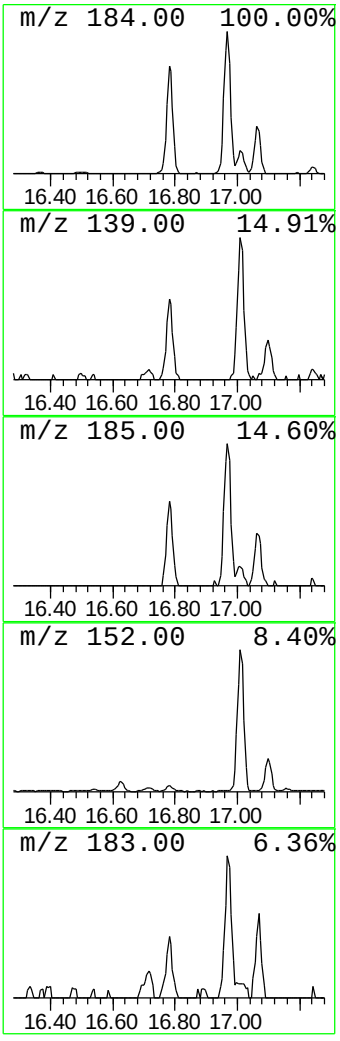
****

Peak Number 2 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	2.59 ng/ul	159780	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002206.D
Acq On : 03 Aug 2015 20:25
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

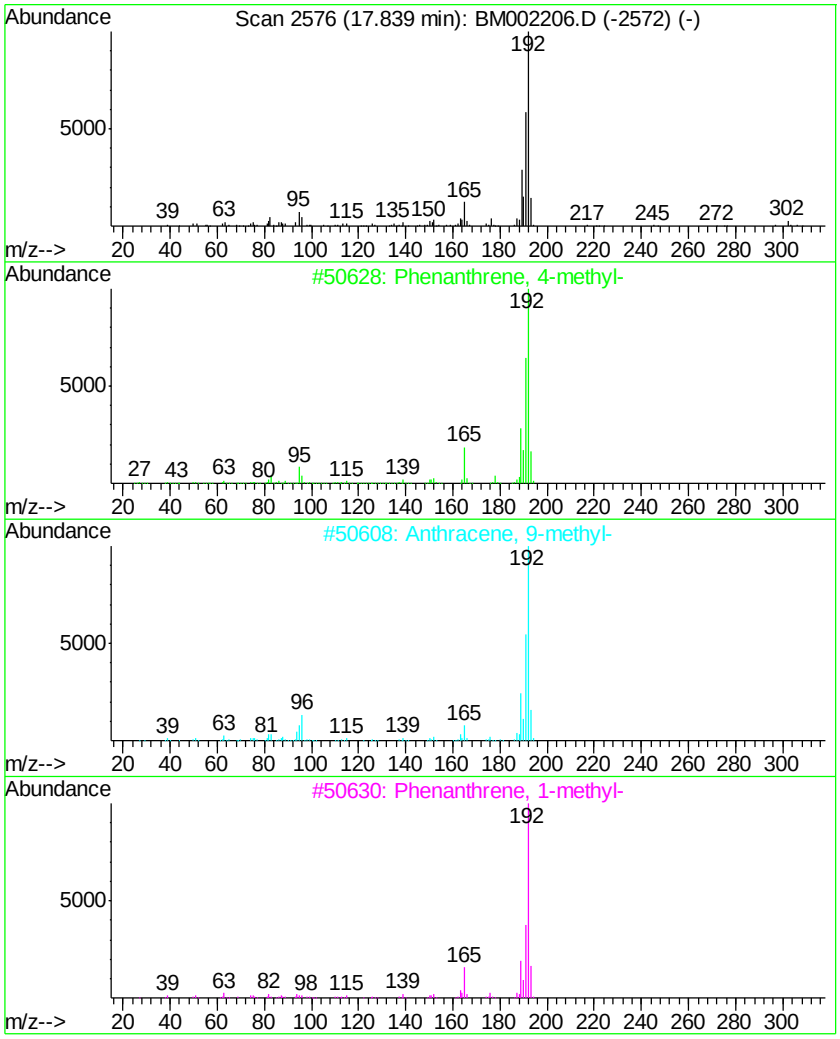
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

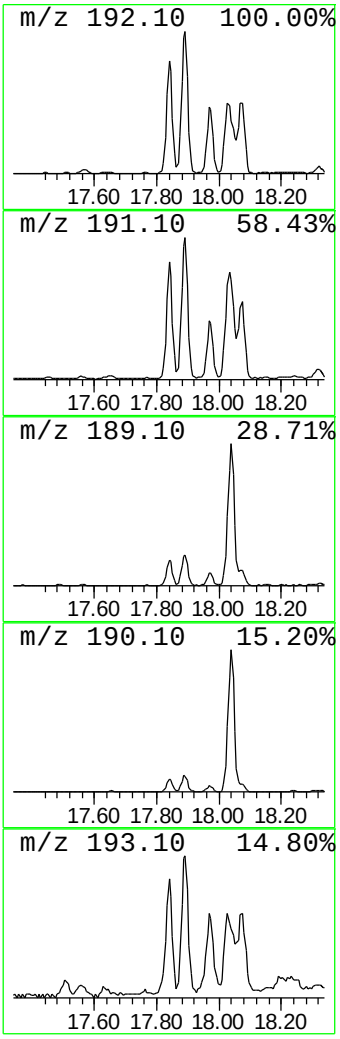
****

Peak Number 3 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	4.69 ng/ul	289592	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002206.D
Acq On : 03 Aug 2015 20:25
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

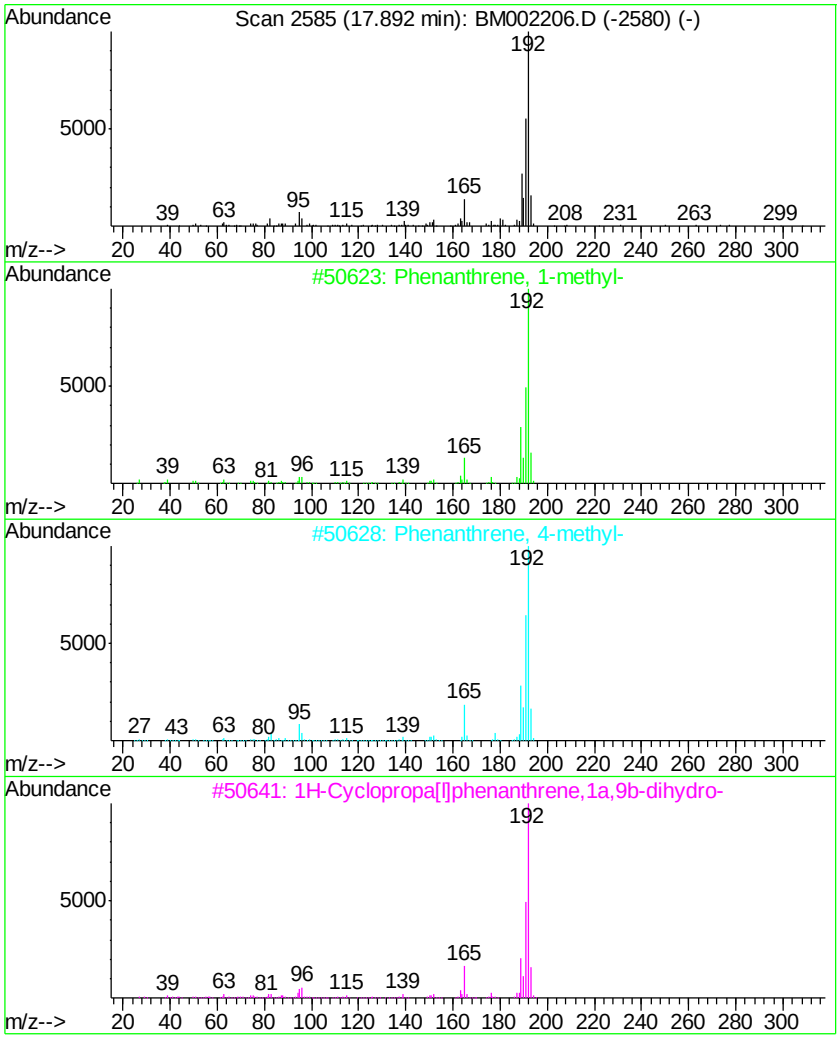
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

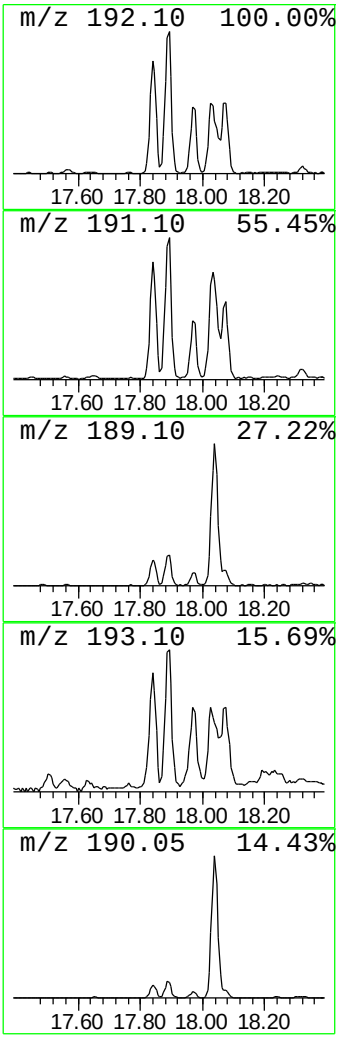
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	6.60 ng/ul	407534	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002206.D
Acq On : 03 Aug 2015 20:25
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

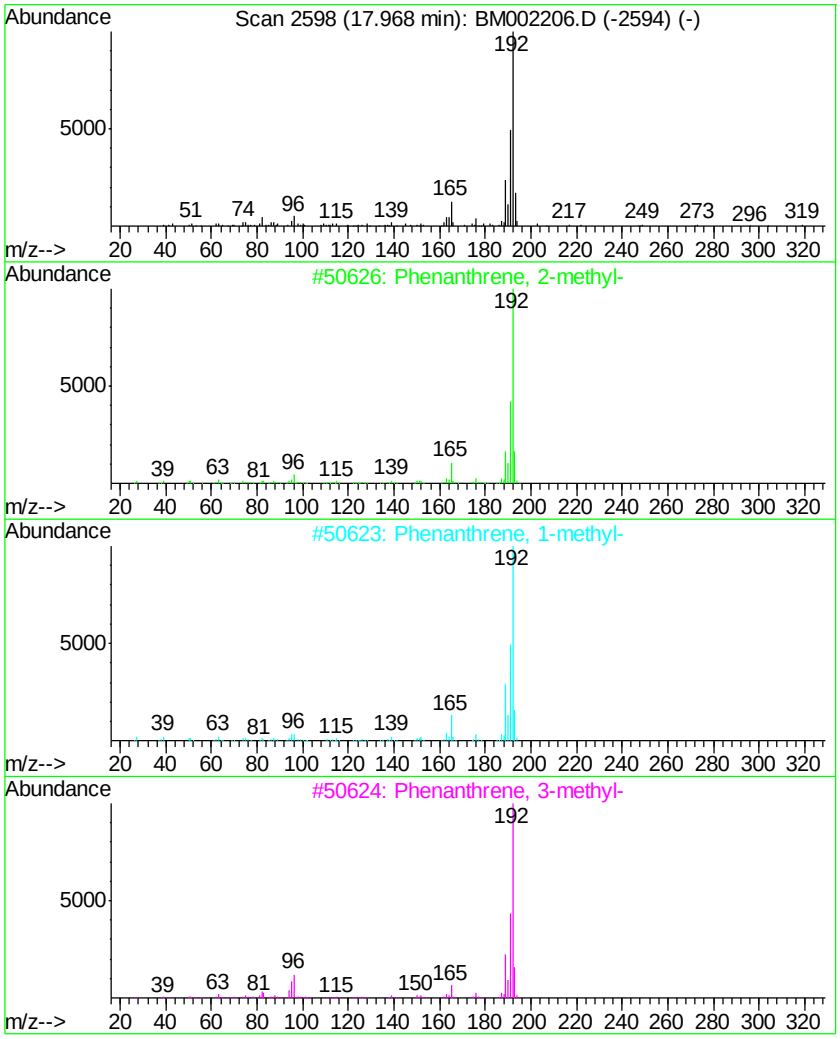
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

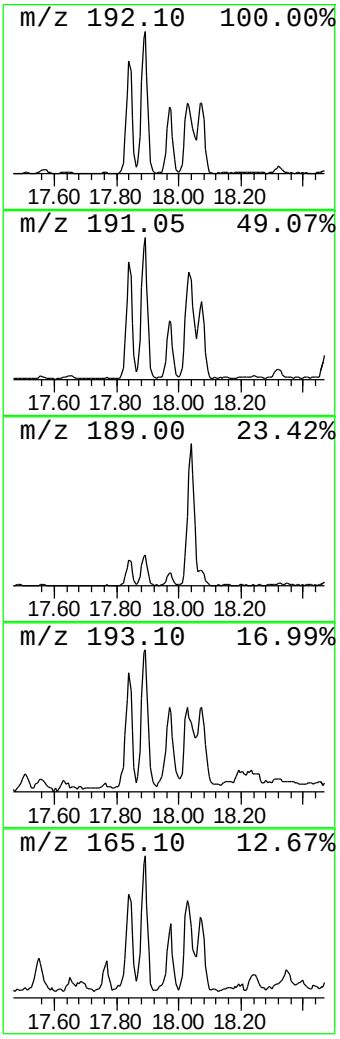
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.24 ng/ul	199977	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002206.D
Acq On : 03 Aug 2015 20:25
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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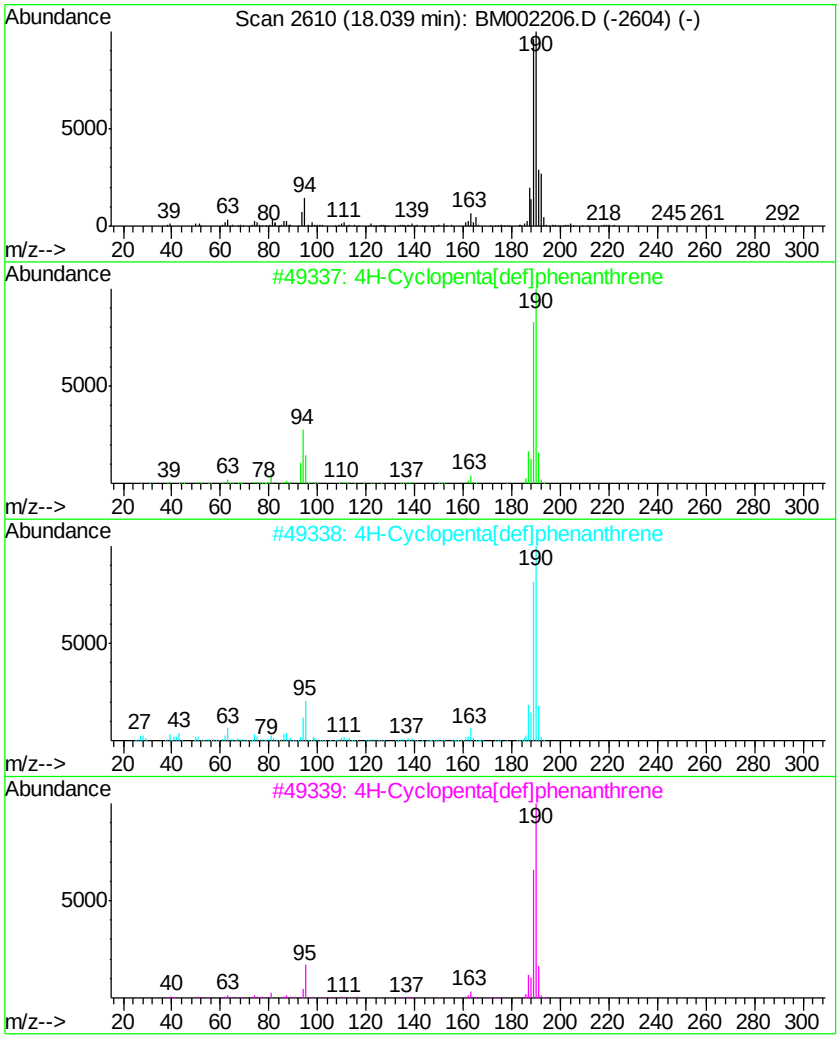
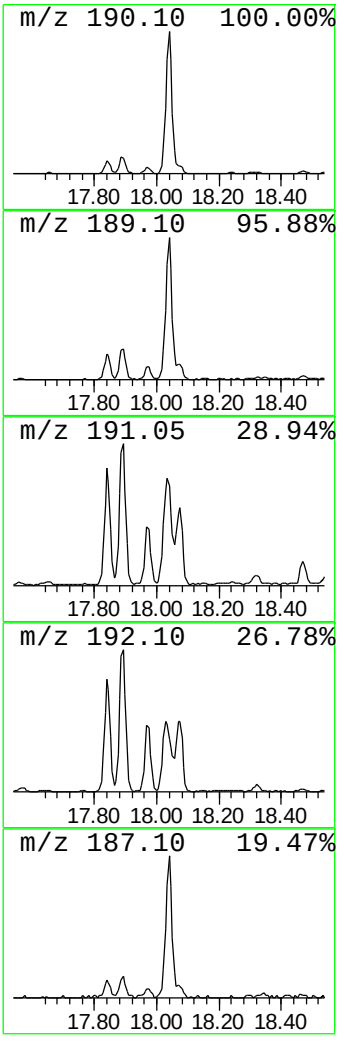
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	12.74 ng/ul	786488	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Library Search Compound Report

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Data File : BM002206.D
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Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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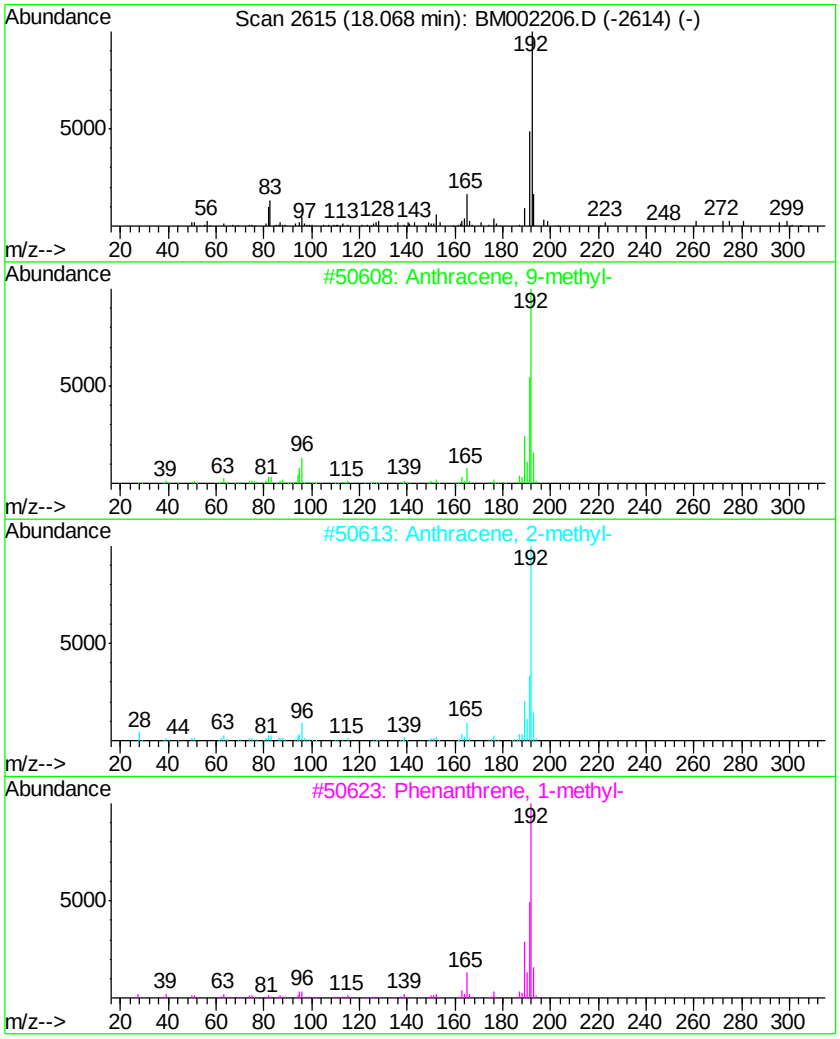
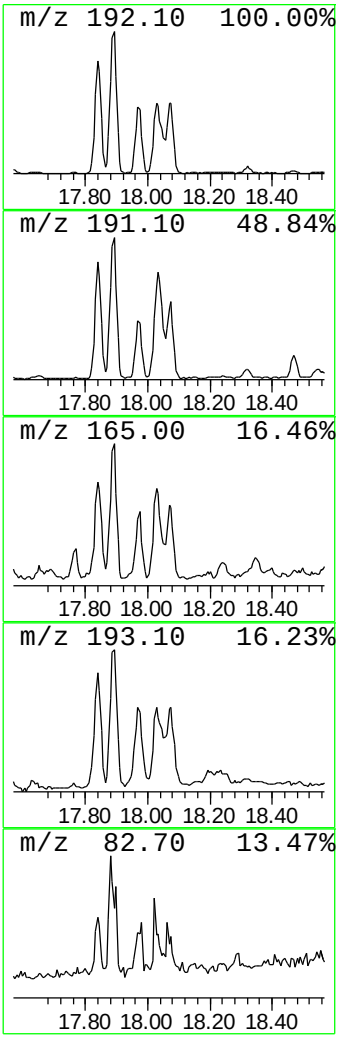
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.02 ng/ul	186590	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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Data File : BM002206.D
Acq On : 03 Aug 2015 20:25
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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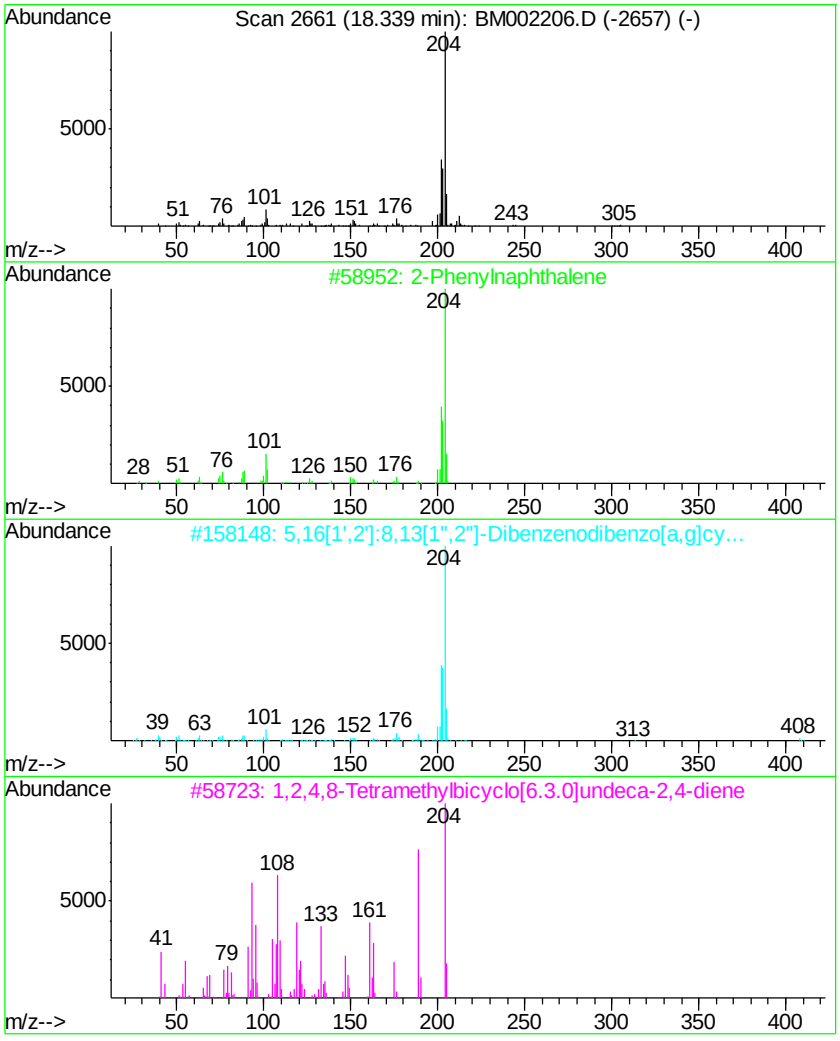
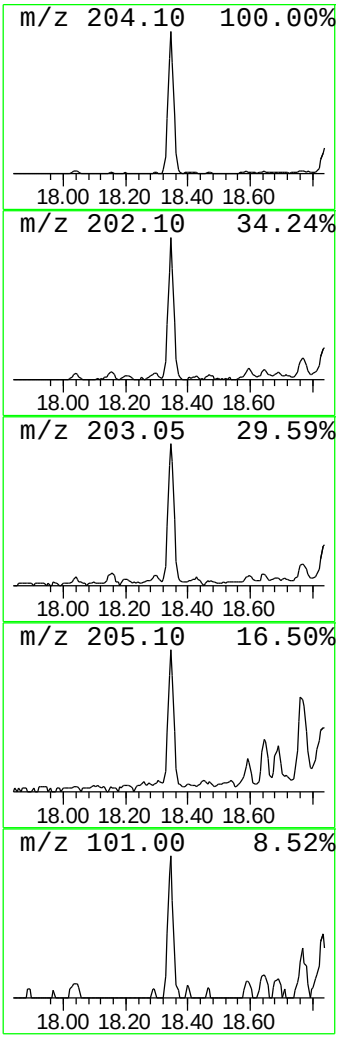
Peak Number 8 2-Phenylnaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	4.16 ng/ul	256494	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	83
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81





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Instrument : BNA_M
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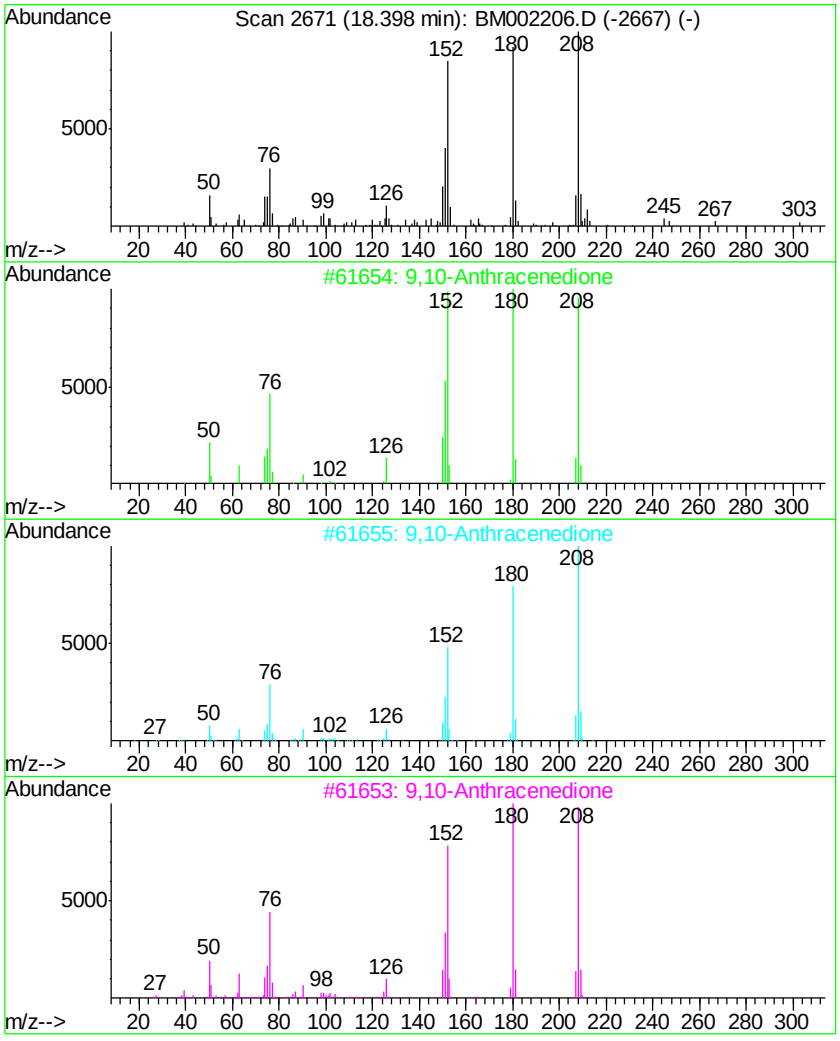
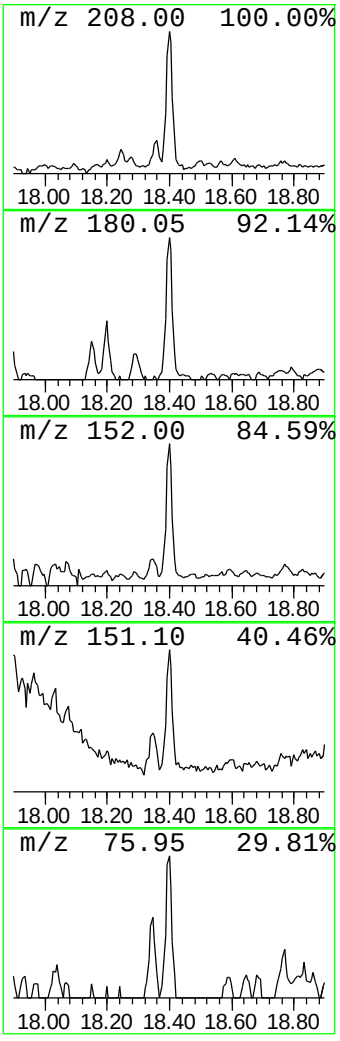
Peak Number 9 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.08 ng/ul	128301	Phenanthrene-d10	16.97

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	91
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83





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Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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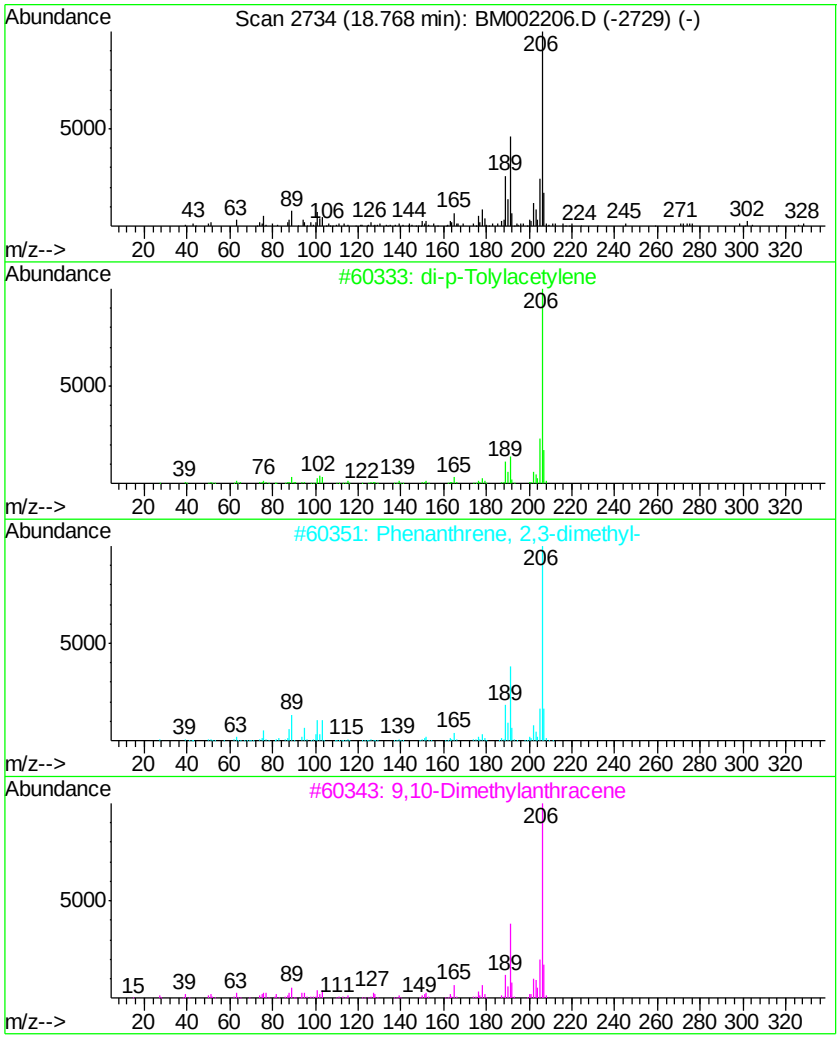
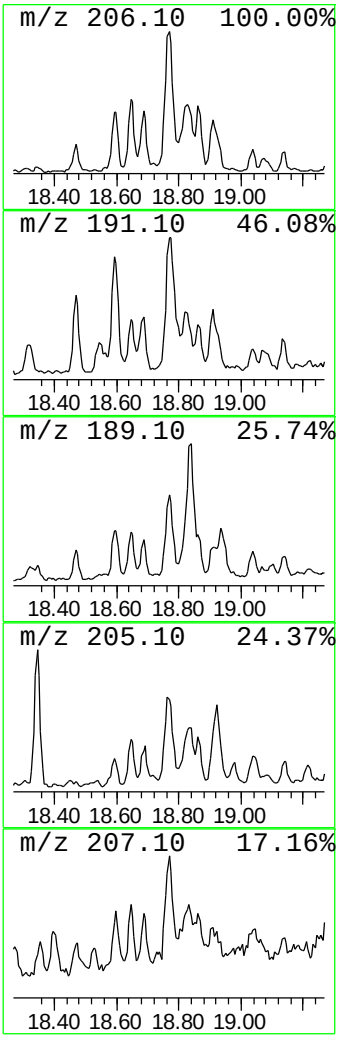
Peak Number 10 di-p-Tolylacetylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	3.89 ng/ul	240383	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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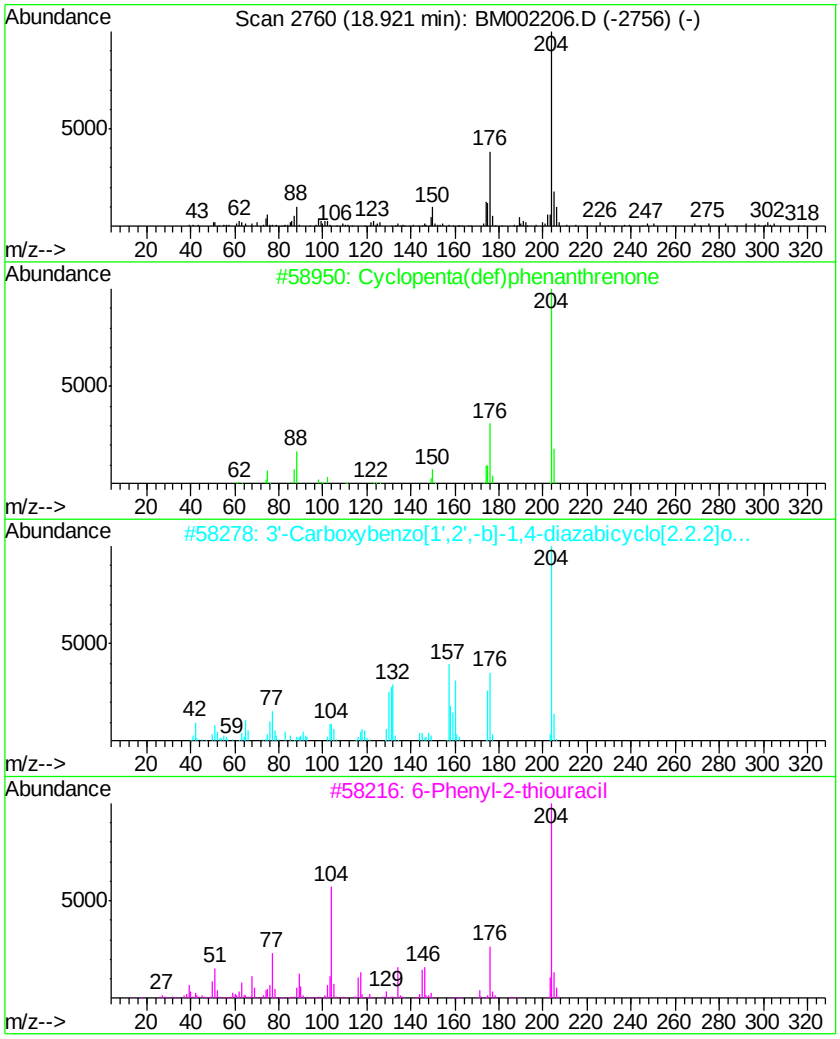
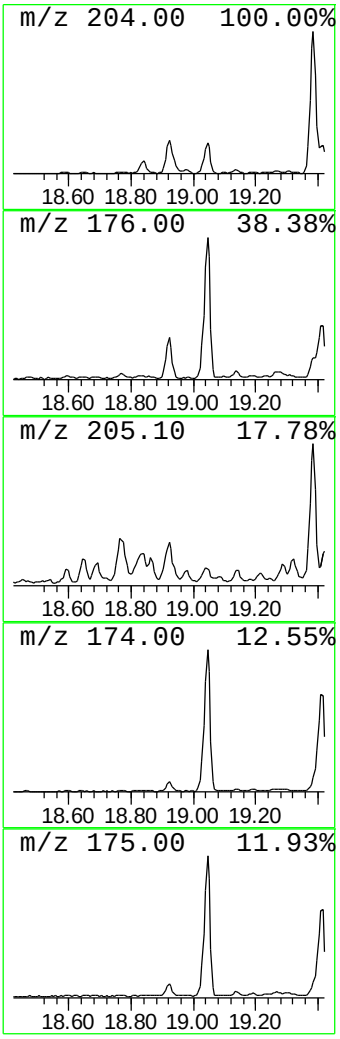
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	2.61 ng/ul	161058	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	53
3	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	50
4	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	50
5	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	43





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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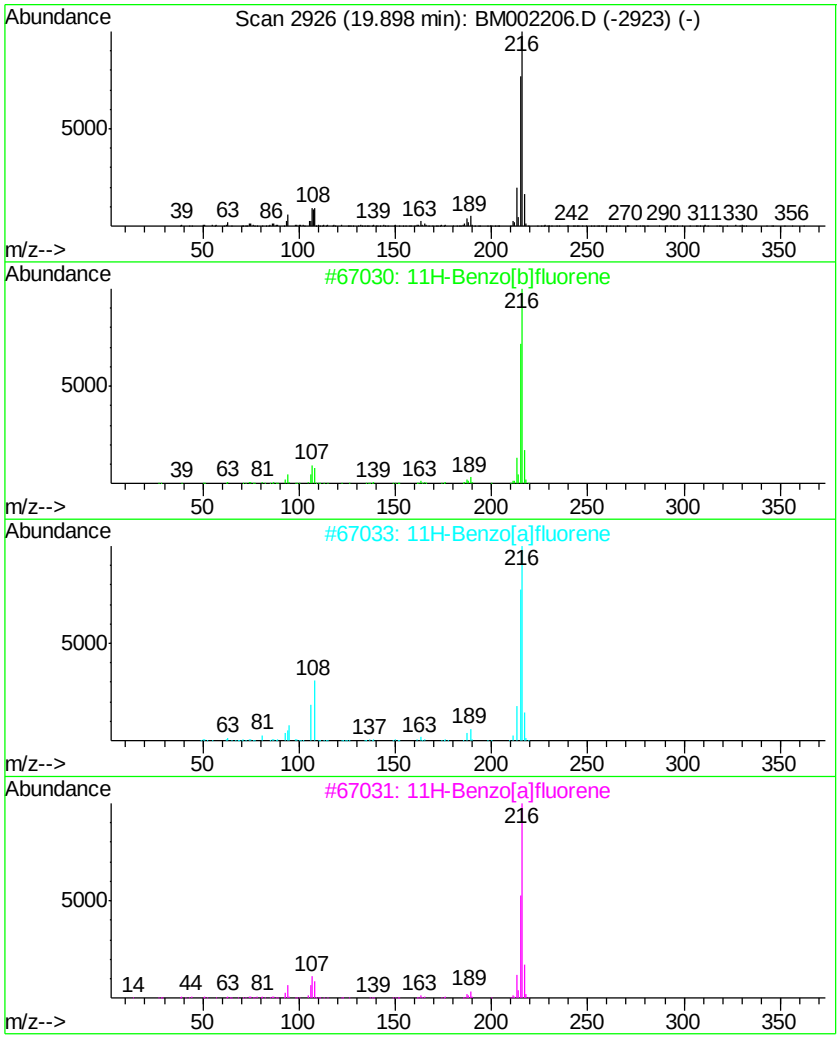
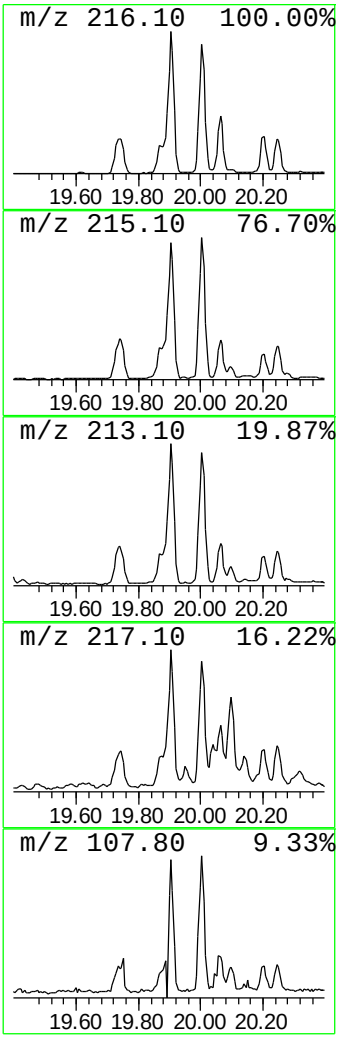
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	3.67 ng/ul	842083	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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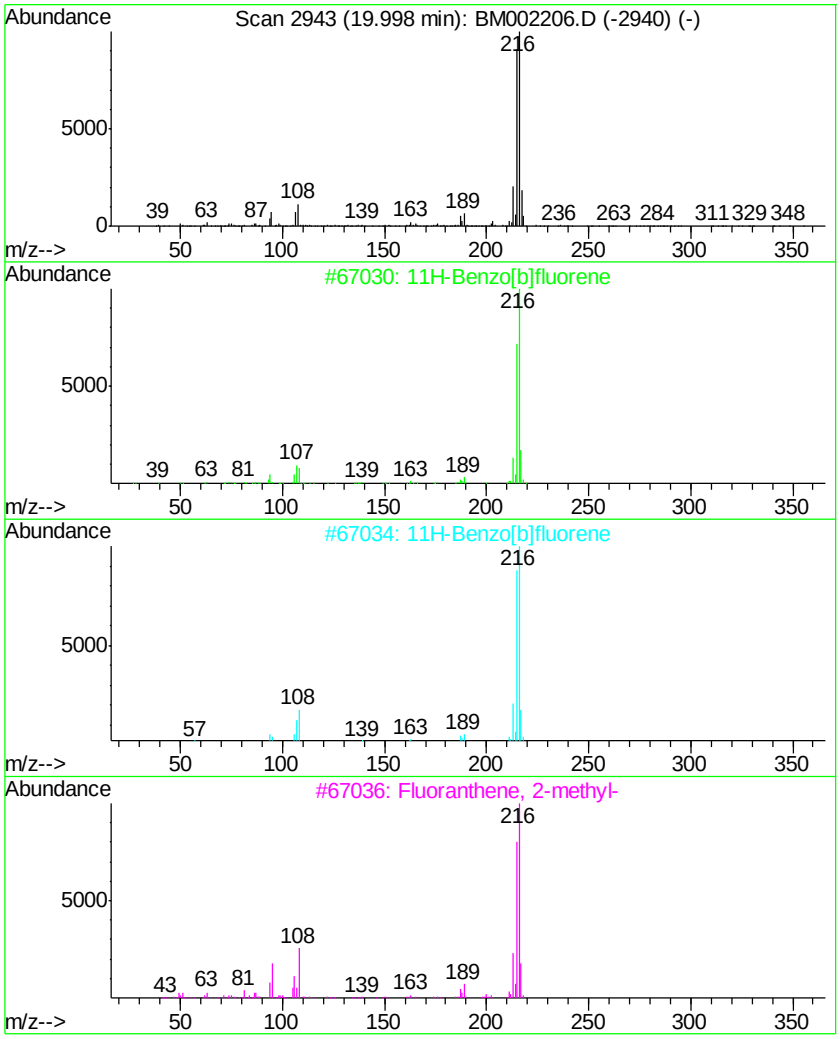
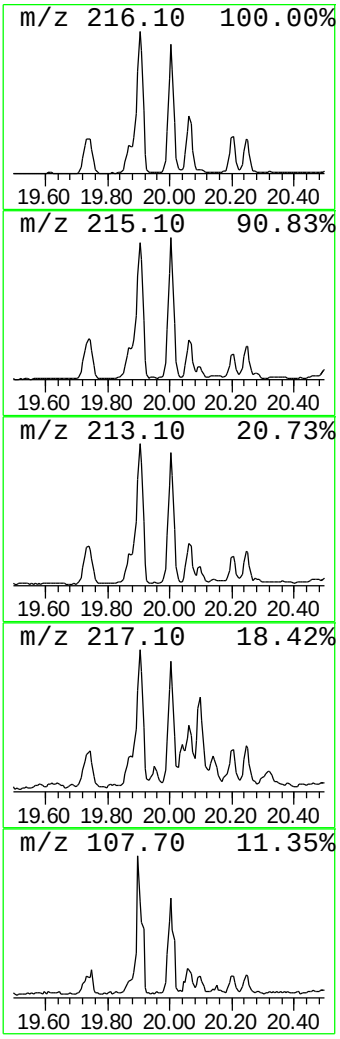
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.98 ng/ul	684234	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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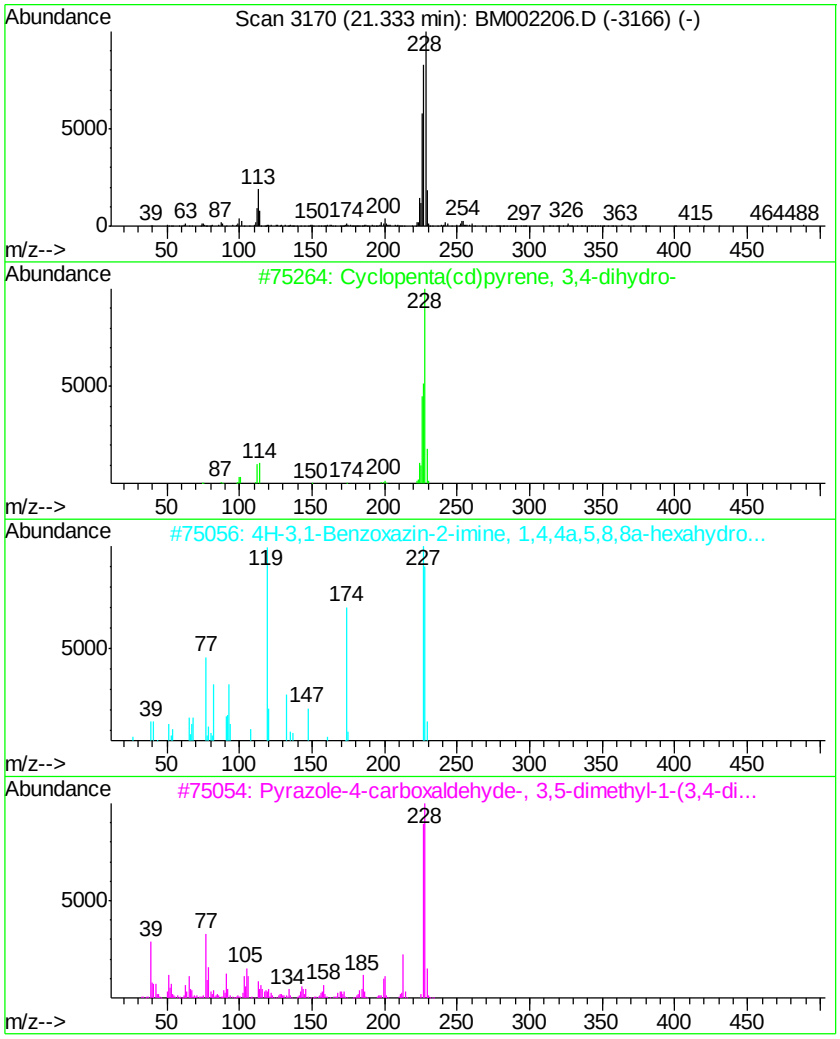
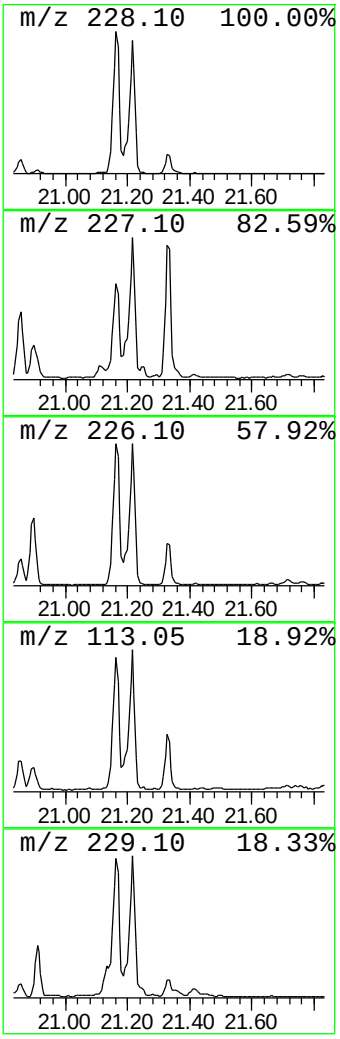
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.23 ng/ul	510664	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	4H-3,1-Benzoxazin-2-imine, 1,4,4...	228	C14H16N2O	1000139-29-1	52
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	Triphenylene	228	C18H12	000217-59-4	46
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43





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Quant Title : SVOA CALIBRATION

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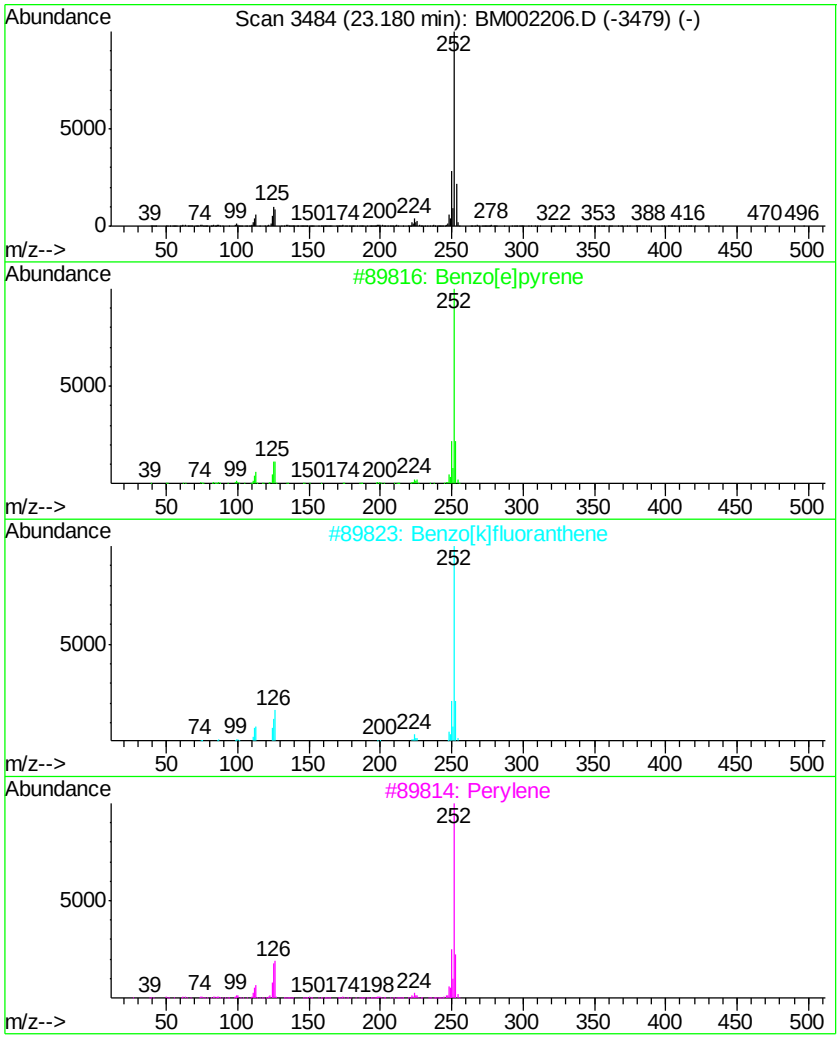
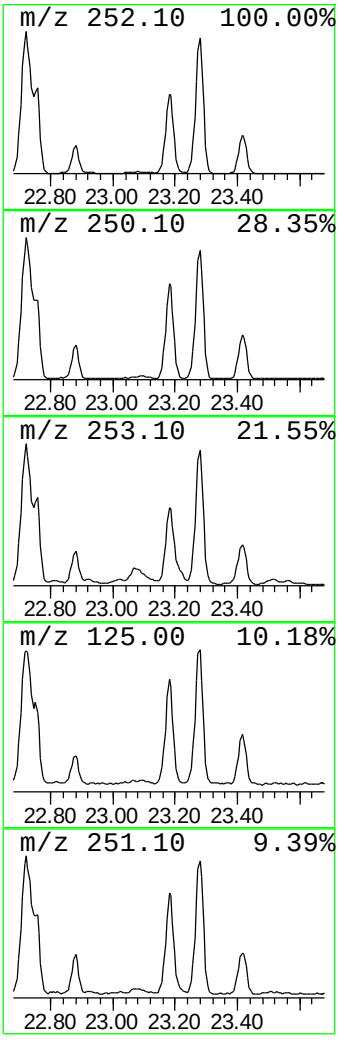
Peak Number 16 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	27.22 ng/ul	1503150	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 1,2,3...	16.72	2.0	ng/ul	124214	4	16.97	1234470	20.0
Dibenzothiophene	16.78	2.6	ng/ul	159780	4	16.97	1234470	20.0
Phenanthrene, 4-m...	17.84	4.7	ng/ul	289592	4	16.97	1234470	20.0
Phenanthrene, 1-m...	17.89	6.6	ng/ul	407534	4	16.97	1234470	20.0
Phenanthrene, 2-m...	17.97	3.2	ng/ul	199977	4	16.97	1234470	20.0
4H-Cyclopenta[def...	18.04	12.7	ng/ul	786488	4	16.97	1234470	20.0
Anthracene, 9-met...	18.07	3.0	ng/ul	186590	4	16.97	1234470	20.0
2-Phenylnaphthalene	18.34	4.2	ng/ul	256494	4	16.97	1234470	20.0
9,10-Anthracenedione	18.40	2.1	ng/ul	128301	4	16.97	1234470	20.0
di-p-Tolylacetylene	18.77	3.9	ng/ul	240383	4	16.97	1234470	20.0
Cyclopenta(def)ph...	18.92	2.6	ng/ul	161058	4	16.97	1234470	20.0
11H-Benzo[b]fluorene	19.90	3.7	ng/ul	842083	5	21.18	4586350	20.0
Fluoranthene, 2-m...	20.00	3.0	ng/ul	684234	5	21.18	4586350	20.0
Cyclopenta(cd)pyr...	21.33	2.2	ng/ul	510664	5	21.18	4586350	20.0
Benzo[e]pyrene	23.18	27.2	ng/ul	1503150	6	23.37	1104310	20.0