LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004048.D
Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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	7.663	773	778	786	rBB	131676	202350	14.56%	1.059%
2	10.451	1245	1252	1258	rBV	208700	340939	24.54%	1.784%
3	14.039	1860	1862	1872	rVB	28286	40355	2.90%	0.211%
4	14.321	1903	1910	1917	rBV2	310127	466632	33.59%	2.442%
5	14.386	1917	1921	1929	rVB	33891	49698	3.58%	0.260%
6	15.315	2075	2079	2084	rVV	33515	49377	3.55%	0.258%
7	15.368	2084	2088	2101	rVB	48955	79546	5.73%	0.416%
8	16.051	2198	2204	2210	rVB3	25934	49331	3.55%	0.258%
9	16.380	2250	2260	2264	rBV3	24614	52983	3.81%	0.277%
10	16.727	2315	2319	2326	rVB3	25845	40385	2.91%	0.211%
11	16.892	2341	2347	2355	rVB	51926	78083	5.62%	0.409%
12	17.074	2372	2378	2381	rBV	376980	552841	39.79%	2.893%
13	17.115	2381	2385	2391	rVB	651508	870697	62.67%	4.556%
14	17.168	2391	2394	2397	rBV	34064	48935	3.52%	0.256%
15	17.204	2397	2400	2405	rVB	132278	170091	12.24%	0.890%
16	17.262	2405	2410	2415	rBV2	22261	40038	2.88%	0.209%
17	17.480	2442	2447	2451	rBV	47108	64595	4.65%	0.338%
18	17.651	2469	2476	2484	rVB	65847	101085	7.28%	0.529%
19	17.798	2496	2501	2507	rVB	37496	65894	4.74%	0.345%
20	17.951	2518	2527	2531	rBV	198398	305224	21.97%	1.597%
21	17.998	2531	2535	2542	rVB	259899	355938	25.62%	1.862%
22	18.080	2542	2549	2553	rBV	50940	85871	6.18%	0.449%
23	18.139	2553	2559	2563	rVV2	217397	380965	27.42%	1.993%
24	18.180	2563	2566	2575	rVB	147578	199593	14.37%	1.044%
25	18.351	2590	2595	2599	rVB2	36266	51477	3.70%	0.269%
26	18.450	2607	2612	2616	rBV2	108739	150647	10.84%	0.788%
27	18.498	2616	2620	2630	rVB2	116062	196447	14.14%	1.028%
28	18.674	2646	2650	2651	rBV2	34014	39600	2.85%	0.207%
29	18.698	2651	2654	2658	rVV	68382	99253	7.14%	0.519%
30	18.750	2659	2663	2667	rVV	106758	149164	10.74%	0.781%
31	18.792	2667	2670	2674	rVB2	83158	104835	7.55%	0.549%
32	18.874	2674	2684	2689	rBV	226927	403026	29.01%	2.109%
33	18.933	2689	2694	2698	rVV3	102436	217930	15.69%	1.140%
34	18.968	2698	2700	2704	rVB	68280	66917	4.82%	0.350%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004048.D
Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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	19.015	2704	2708	2715	rBV3	95820	194554	14.00%	1.018%
36	19.139	2723	2729	2736	rVB	855474	1169592	84.18%	6.120%
37	19.203	2736	2740	2743	rBV	57182	82206	5.92%	0.430%
38	19.239	2743	2746	2751	rVB2	51679	65840	4.74%	0.345%
39	19.345	2759	2764	2767	rVV3	32282	52190	3.76%	0.273%
40	19.386	2767	2771	2774	rVV	73685	98073	7.06%	0.513%
41	19.509	2787	2792	2800	rVB	861631	1389402	100.00%	7.270%
42	19.586	2800	2805	2809	rBV2	121809	186395	13.42%	0.975%
43	19.680	2809	2821	2824	rBV4	47435	139673	10.05%	0.731%
44	19.745	2829	2832	2838	rVB3	65826	101078	7.27%	0.529%
45	19.833	2841	2847	2858	rBV4	108487	306783	22.08%	1.605%
46	19.921	2858	2862	2865	rVV4	32581	43399	3.12%	0.227%
47	19.968	2865	2870	2872	rVV3	87198	131291	9.45%	0.687%
48	20.003	2872	2876	2885	rVB	179623	293625	21.13%	1.536%
49	20.103	2890	2893	2897	rVV	117075	166572	11.99%	0.872%
50	20.168	2899	2904	2908	rVV2	178527	285466	20.55%	1.494%
51	20.203	2908	2910	2915	rVV4	34900	53589	3.86%	0.280%
52	20.303	2923	2927	2931	rVV	131320	182388	13.13%	0.954%
53	20.350	2931	2935	2939	rVV	126650	169974	12.23%	0.889%
54	20.386	2939	2941	2948	rVB2	47293	63888	4.60%	0.334%
55	20.468	2949	2955	2960	rBV3	31934	55653	4.01%	0.291%
56	20.568	2967	2972	2975	rBV3	69472	100717	7.25%	0.527%
57	20.603	2975	2978	2980	rVV2	44110	62157	4.47%	0.325%
58	20.627	2980	2982	2986	rVV	35953	49101	3.53%	0.257%
59	20.721	2994	2998	3001	rVV3	31161	56379	4.06%	0.295%
60	20.756	3001	3004	3011	rVB	101960	158187	11.39%	0.828%
61	20.850	3016	3020	3024	rVB	46754	61730	4.44%	0.323%
62	20.927	3024	3033	3036	rBV3	137018	274481	19.76%	1.436%
63	20.962	3036	3039	3042	rVV	93999	113017	8.13%	0.591%
64	21.003	3042	3046	3050	rVV2	64999	113438	8.16%	0.594%
65	21.056	3050	3055	3061	rVB2	73471	134216	9.66%	0.702%
66	21.162	3066	3073	3082	rBV	45491	116982	8.42%	0.612%
67	21.274	3085	3092	3096	rBV2	575269	1185891	85.35%	6.205%
68	21.315	3096	3099	3109	rVB	435941	592512	42.65%	3.100%
69	21.397	3109	3113	3116	rBV2	53579	67635	4.87%	0.354%
70	21.433	3116	3119	3125	rBV	57967	97165	6.99%	0.508%
71	21.491	3125	3129	3136	rBV6	35176	84293	6.07%	0.441%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004048.D
Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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	21.597	3142	3147	3151	rBV3	49116	84880	6.11%	0.444%
73	21.639	3151	3154	3159	rVB2	39231	50388	3.63%	0.264%
74	21.727	3165	3169	3173	rBV3	24883	42416	3.05%	0.222%
75	21.774	3173	3177	3180	rVV	45624	67658	4.87%	0.354%
76	21.827	3180	3186	3190	rVV	153799	302129	21.75%	1.581%
77	21.880	3192	3195	3200	rVV	100643	164371	11.83%	0.860%
78	21.944	3202	3206	3209	rVV3	54942	101243	7.29%	0.530%
79	21.980	3209	3212	3216	rVV3	45929	82175	5.91%	0.430%
80	22.027	3216	3220	3223	rVV	82613	135561	9.76%	0.709%
81	22.056	3223	3225	3232	rVB3	62013	93916	6.76%	0.491%
82	22.121	3232	3236	3242	rBV2	52646	88940	6.40%	0.465%
83	22.427	3284	3288	3291	rBV3	28300	42896	3.09%	0.224%
84	22.480	3294	3297	3303	rVB	46625	75345	5.42%	0.394%
85	22.597	3312	3317	3323	rBV4	33839	70390	5.07%	0.368%
86	22.850	3348	3360	3365	rBV2	248925	625984	45.05%	3.275%
87	23.021	3384	3389	3394	rVB	46670	77154	5.55%	0.404%
88	23.150	3406	3411	3418	rBV4	23524	59282	4.27%	0.310%
89	23.327	3435	3441	3446	rBV	172947	317063	22.82%	1.659%
90	23.421	3451	3457	3463	rVB	243429	442617	31.86%	2.316%
91	23.515	3467	3473	3479	rVV	235718	463391	33.35%	2.425%
92	23.568	3479	3482	3489	rVB3	70727	135870	9.78%	0.711%
93	24.003	3551	3556	3561	rBV3	22714	49749	3.58%	0.260%
94	24.062	3561	3566	3572	rVB3	27354	57574	4.14%	0.301%
95	24.385	3616	3621	3627	rBV2	23758	50164	3.61%	0.262%
96	25.768	3847	3856	3867	rVB2	109240	316949	22.81%	1.658%
97	26.026	3894	3900	3907	rVB3	19489	44038	3.17%	0.230%
98	26.121	3908	3916	3921	rBV2	19552	53929	3.88%	0.282%
99	26.462	3964	3974	3985	rBV	83365	254023	18.28%	1.329%
100	26.821	4028	4035	4051	rVB3	24394	90873	6.54%	0.475%

Sum of corrected areas: 19111242

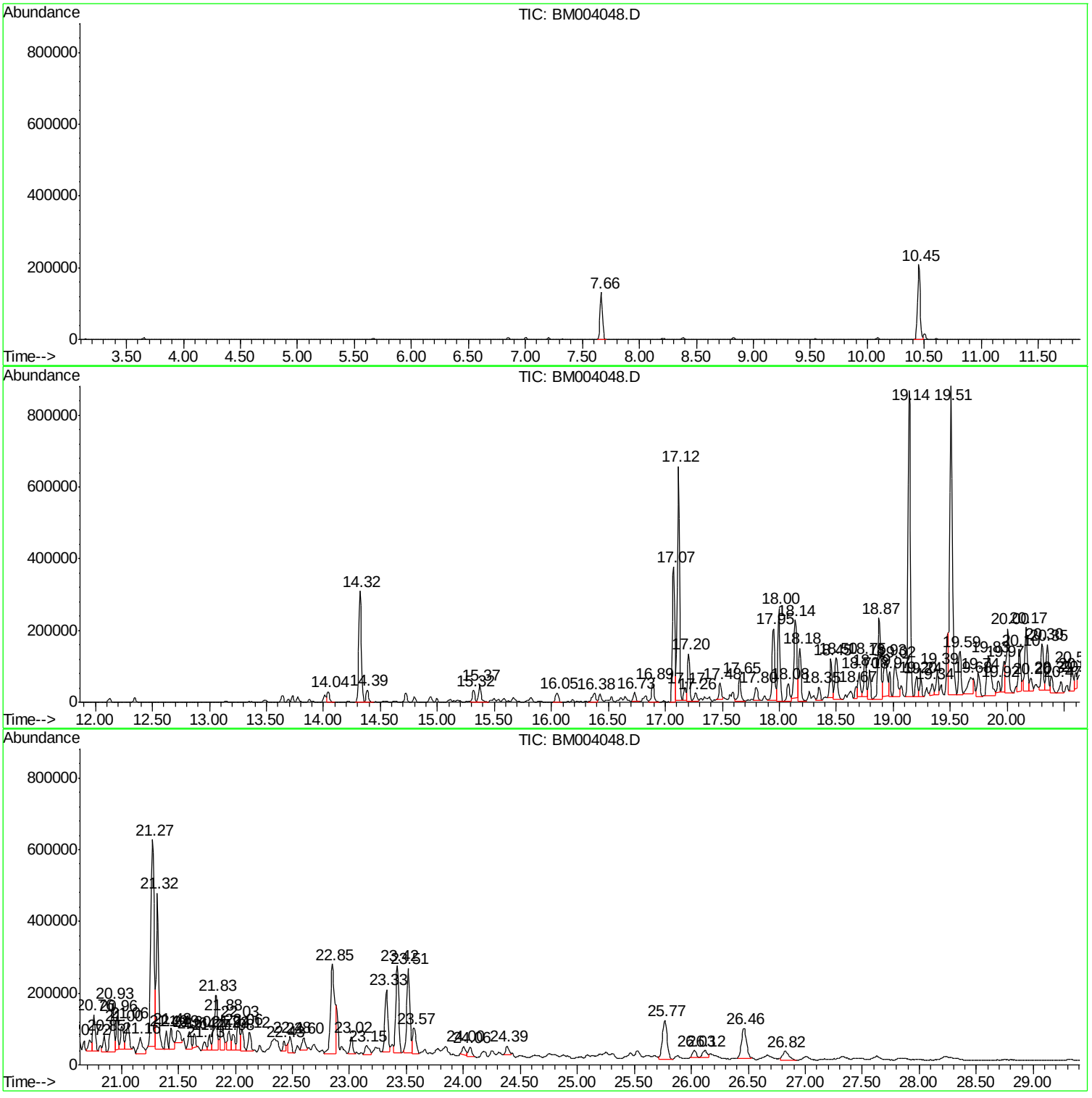
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004048.D
Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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 : BM004048.D
Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

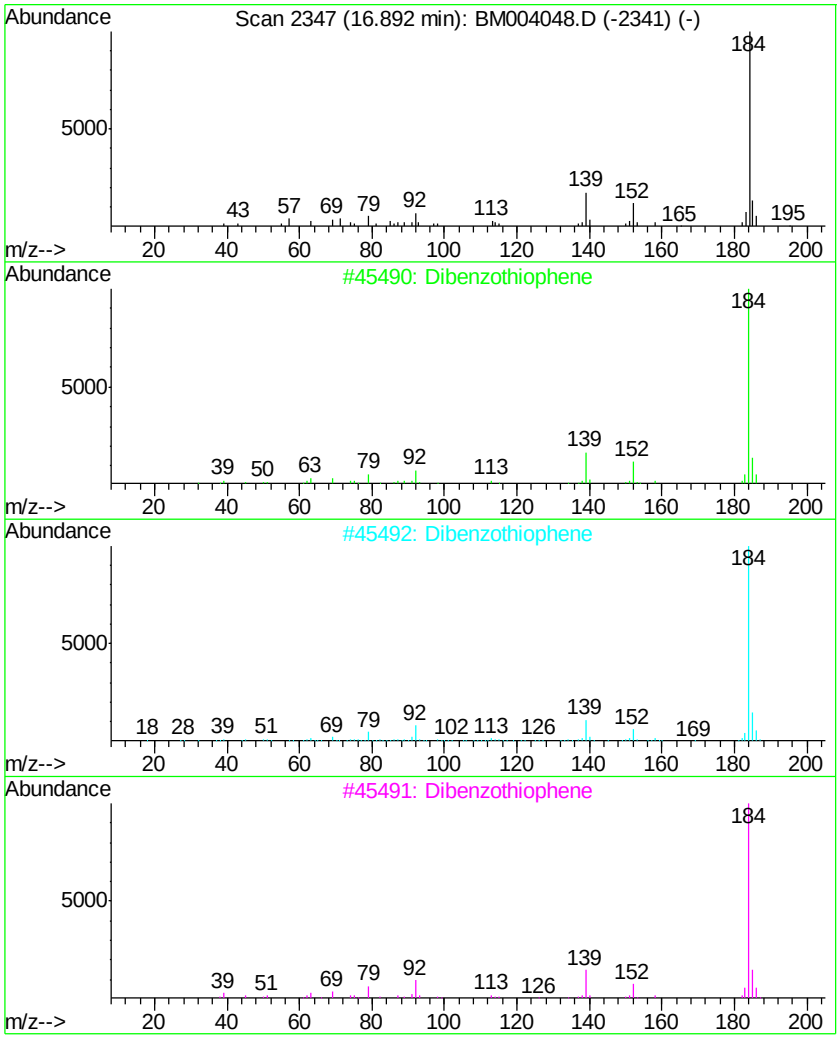
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

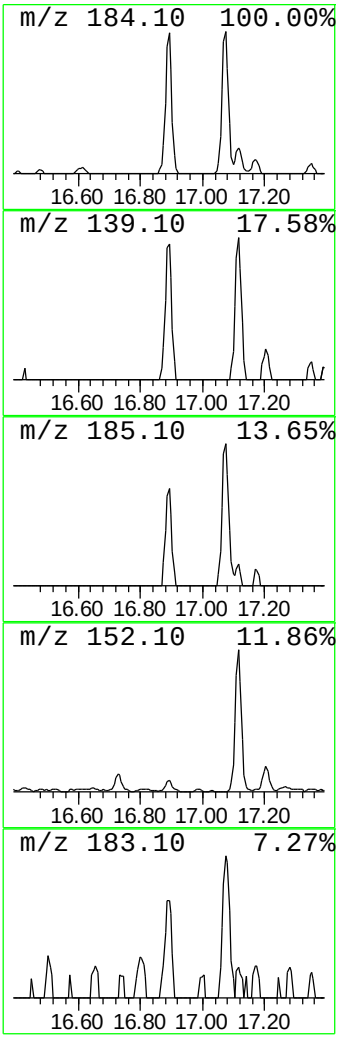
****

Peak Number 1 Dibenzothiophene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.82 ng/ul	78083	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004048.D
Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

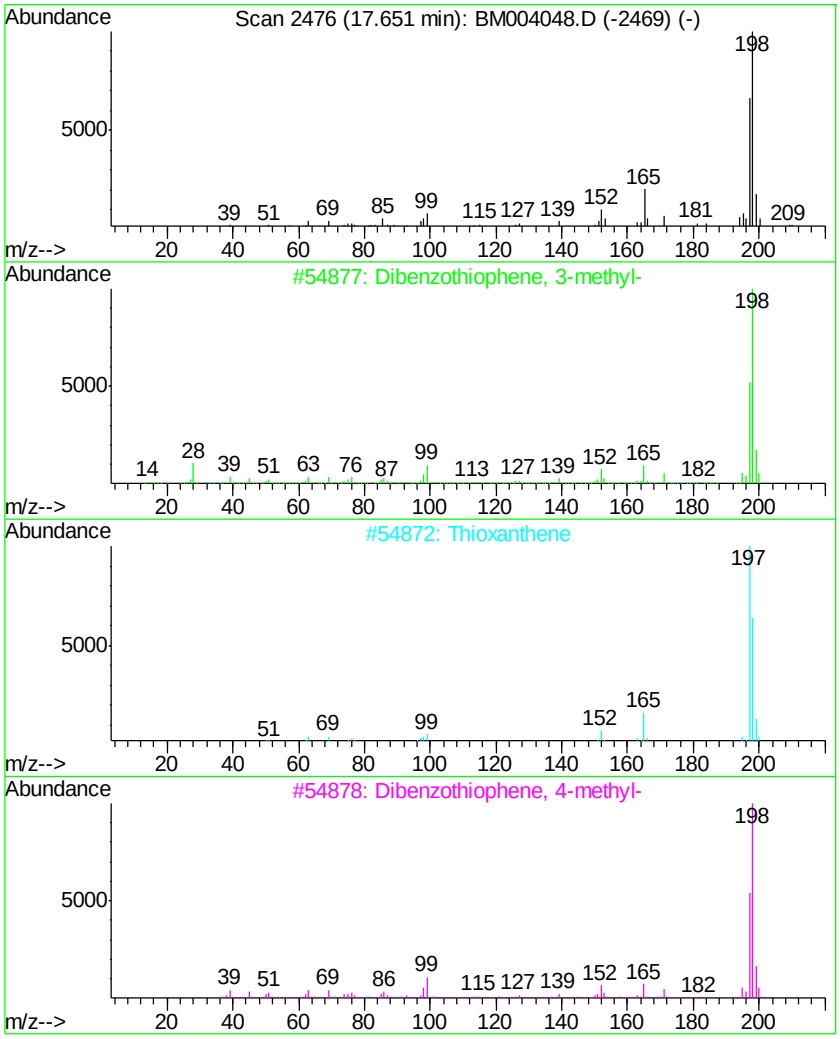
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

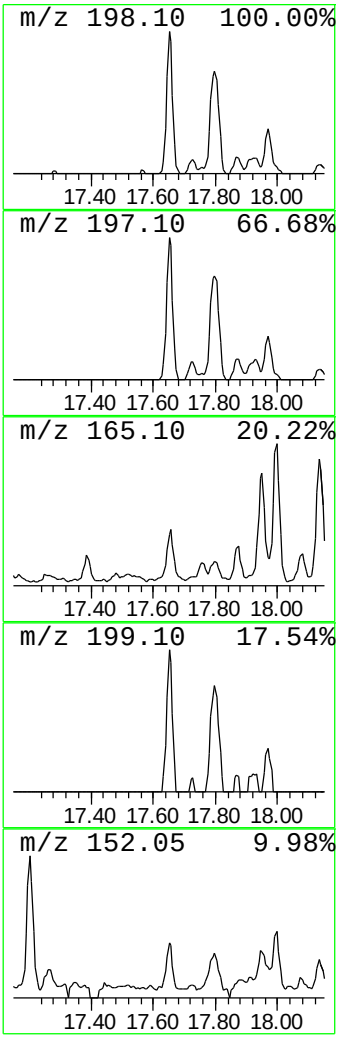
****

Peak Number 2 Dibenzothiophene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	3.66 ng/ul	101085	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2	Thioxanthene	198	C13H10S	000261-31-4	92
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	81
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004048.D
Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

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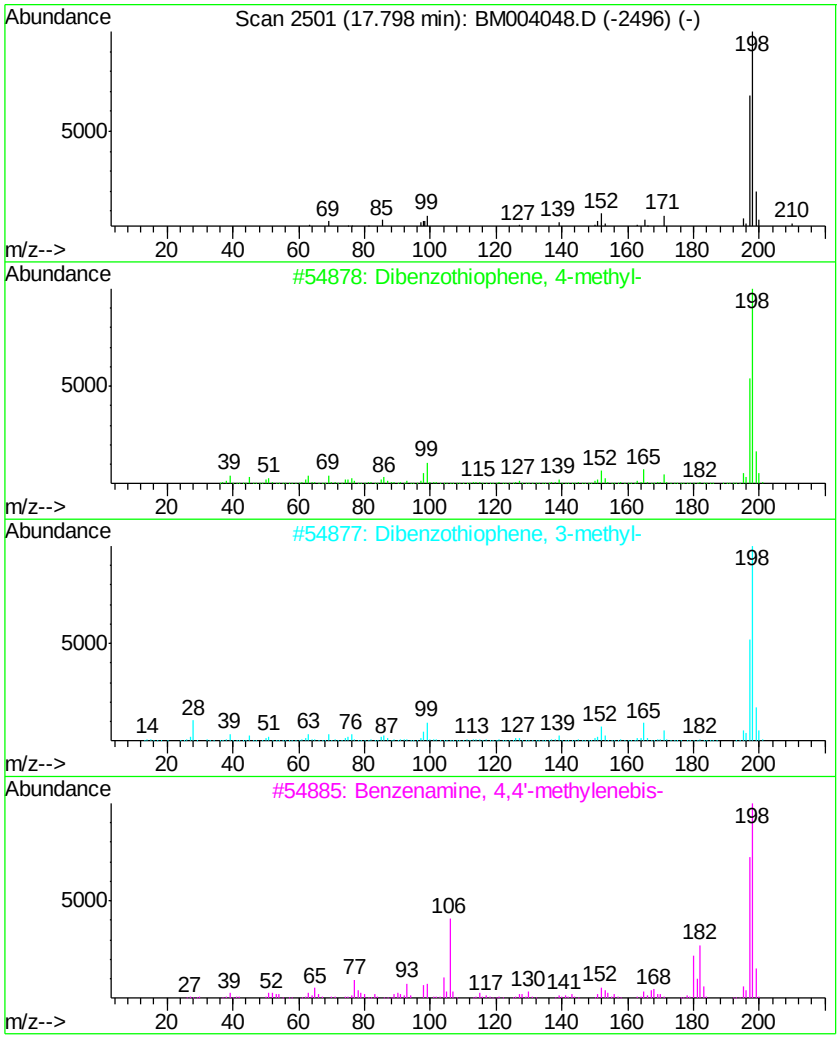
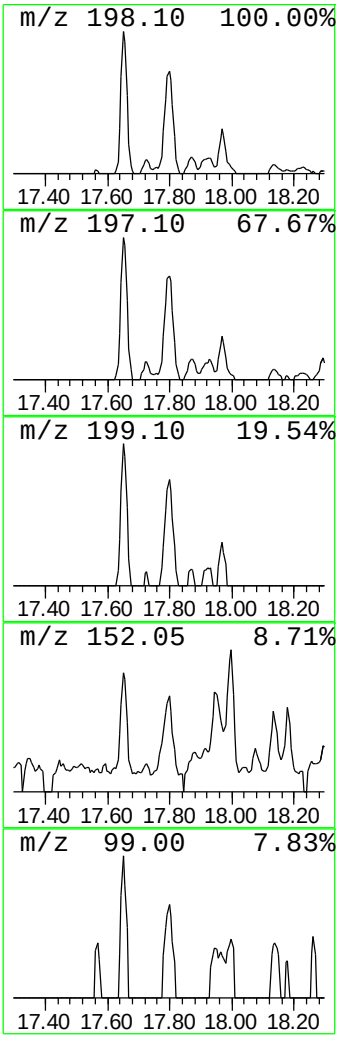
Peak Number 3 Dibenzothiophene, 4-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	2.38 ng/ul	65894	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	93
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	87
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004048.D
Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

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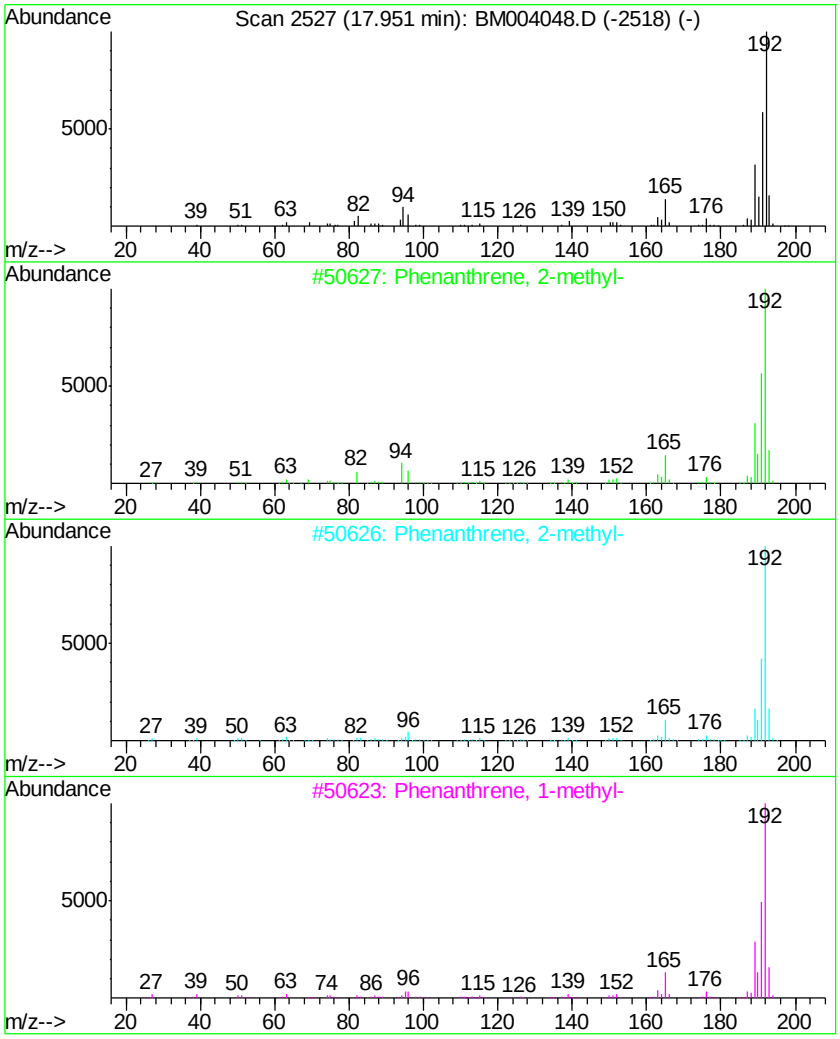
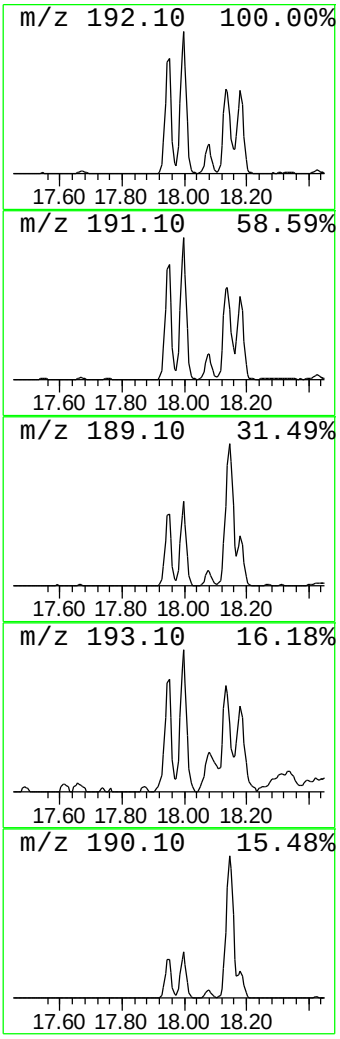
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	11.04 ng/ul	305224	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004048.D
Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

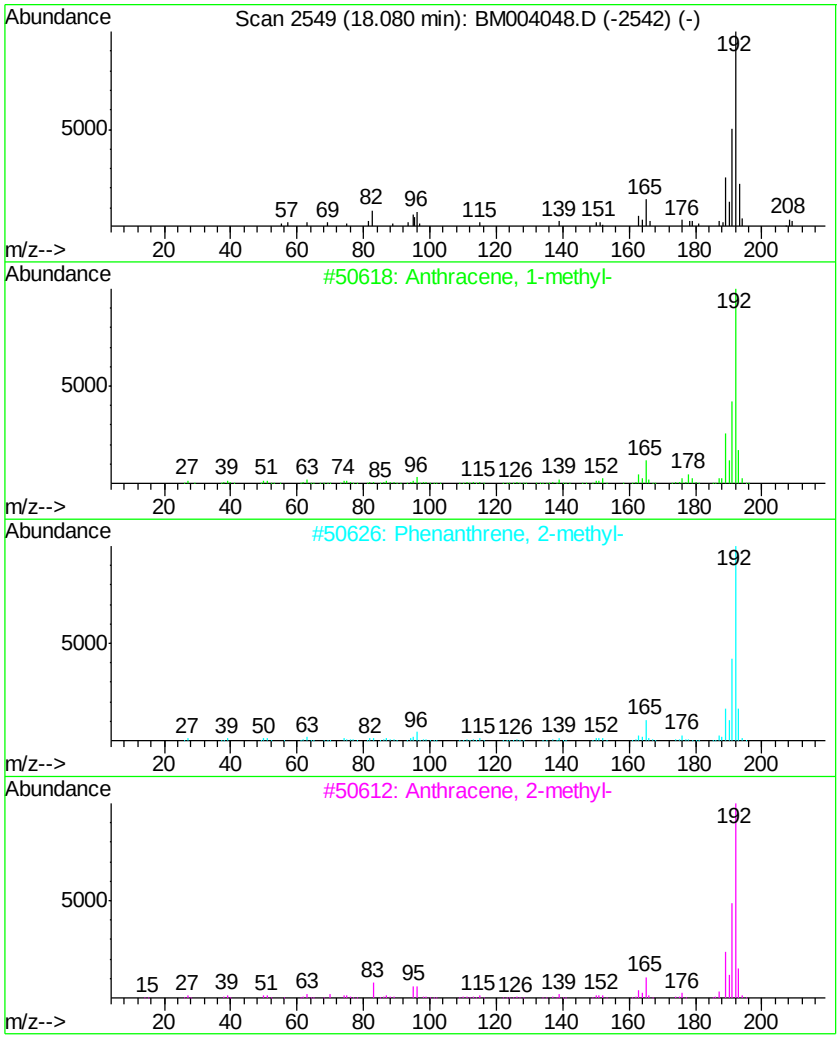
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

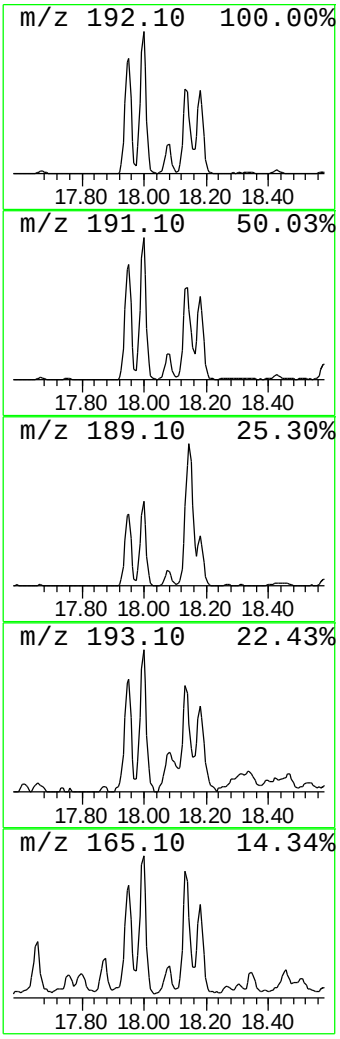
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.11 ng/ul	85871	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

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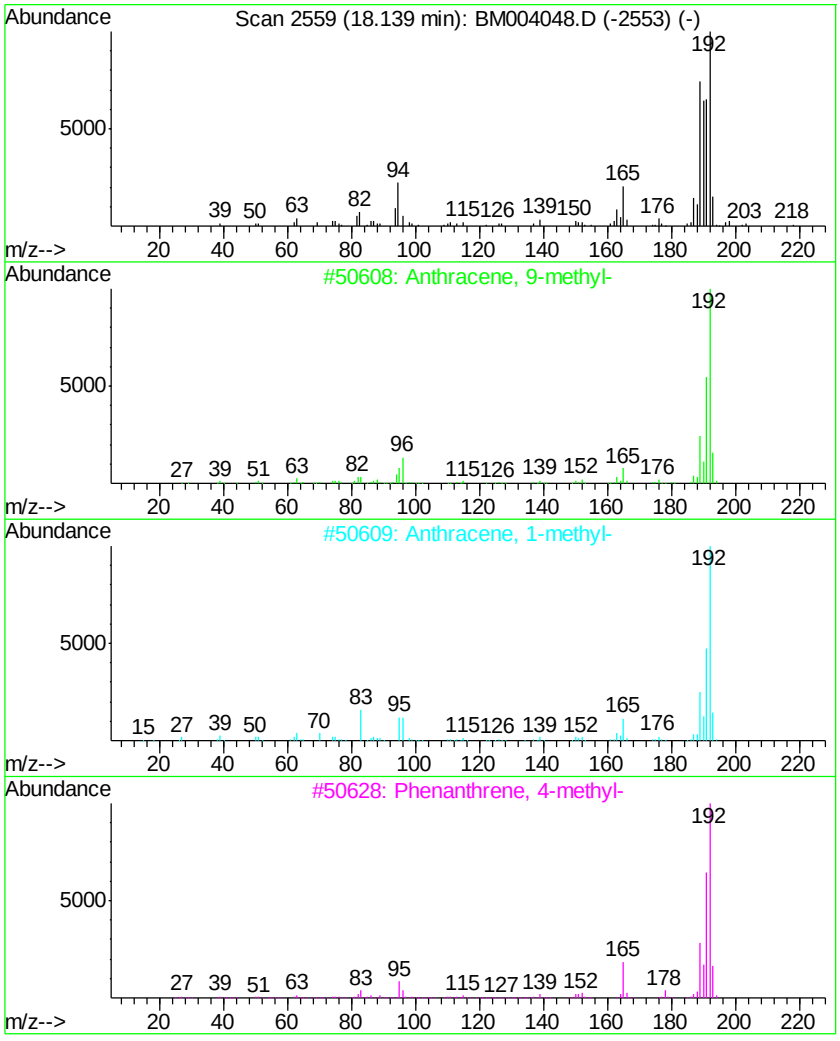
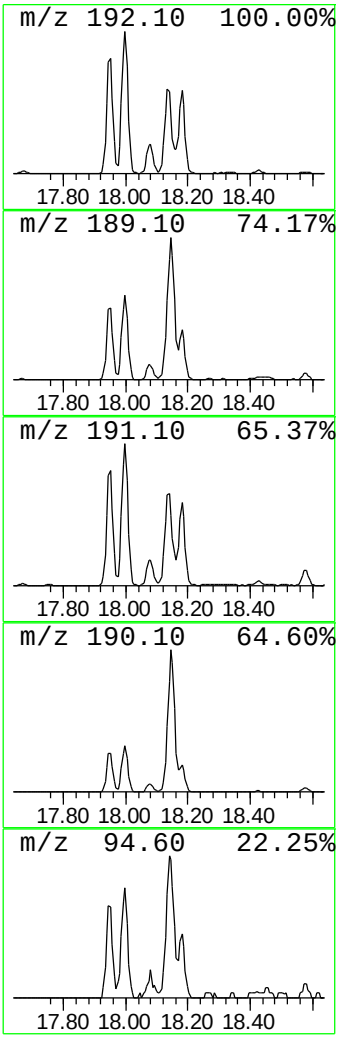
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	13.78 ng/ul	380965	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	50
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50





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Instrument : BNA_M
ClientSampleId : BC9C8

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Quant Title : SVOA CALIBRATION

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

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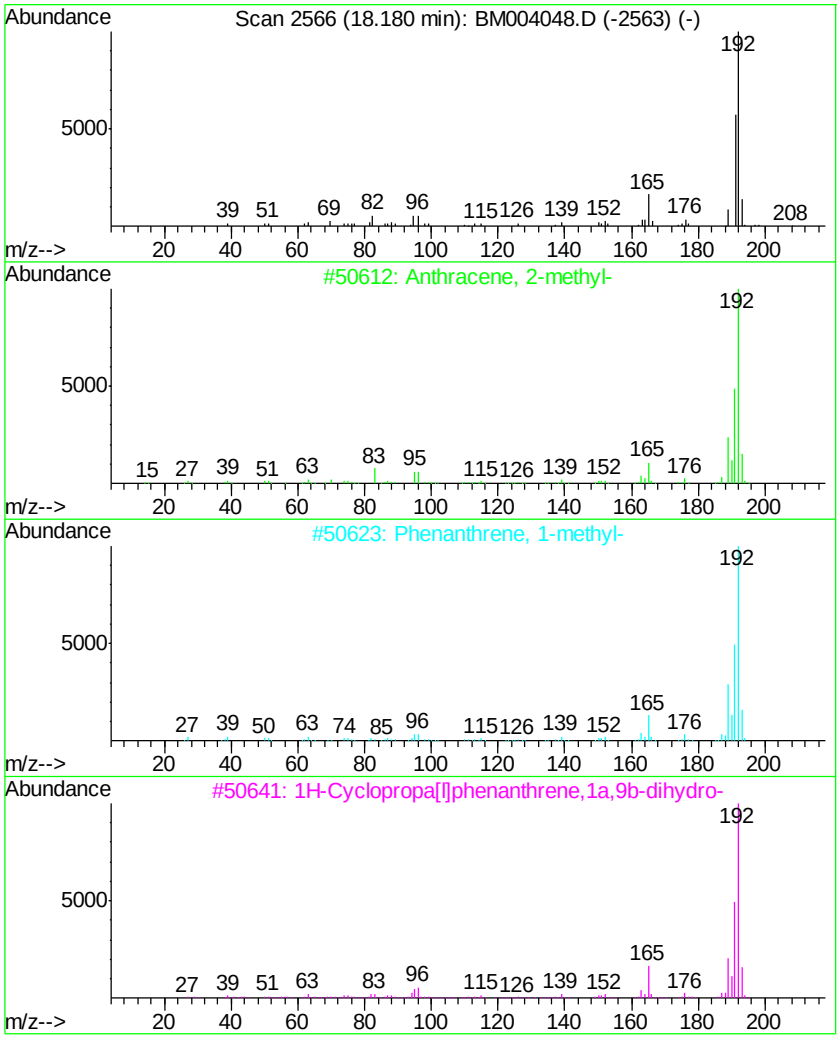
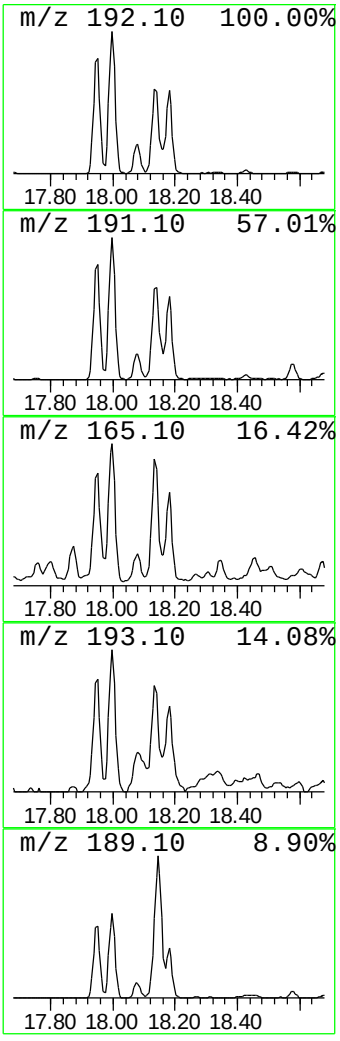
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	7.22 ng/ul	199593	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

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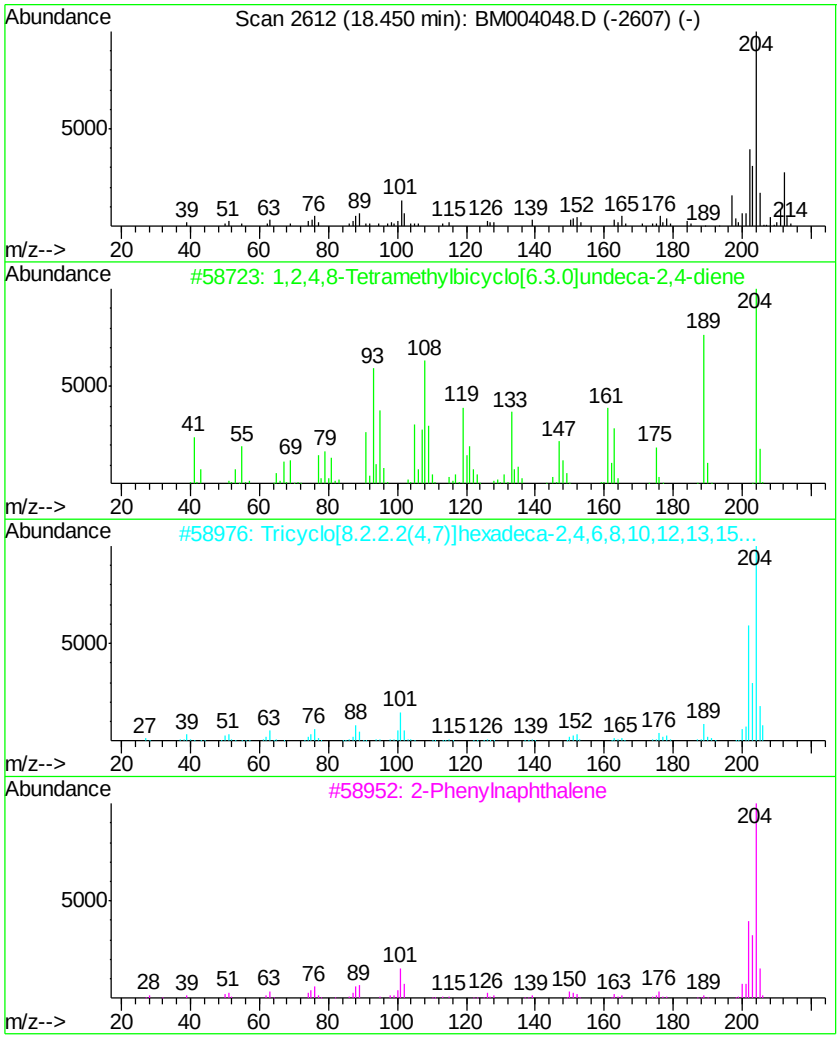
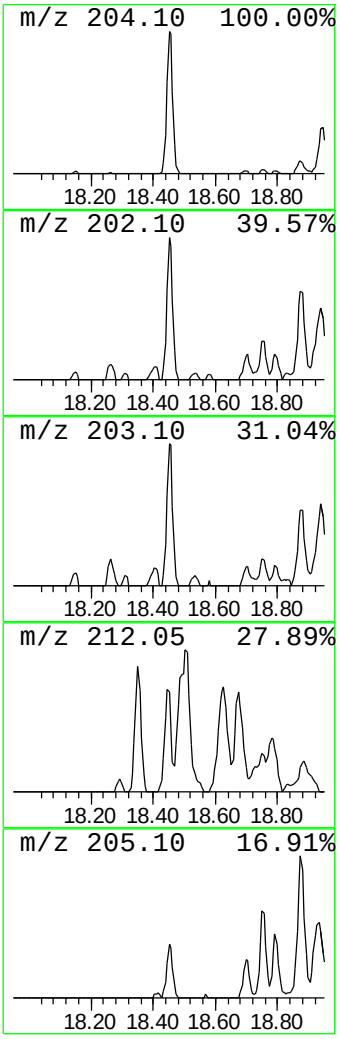
Peak Number 9 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	5.45 ng/ul	150647	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	78
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	78
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





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Instrument : BNA_M
ClientSampleId : BC9C8

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Quant Title : SVOA CALIBRATION

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

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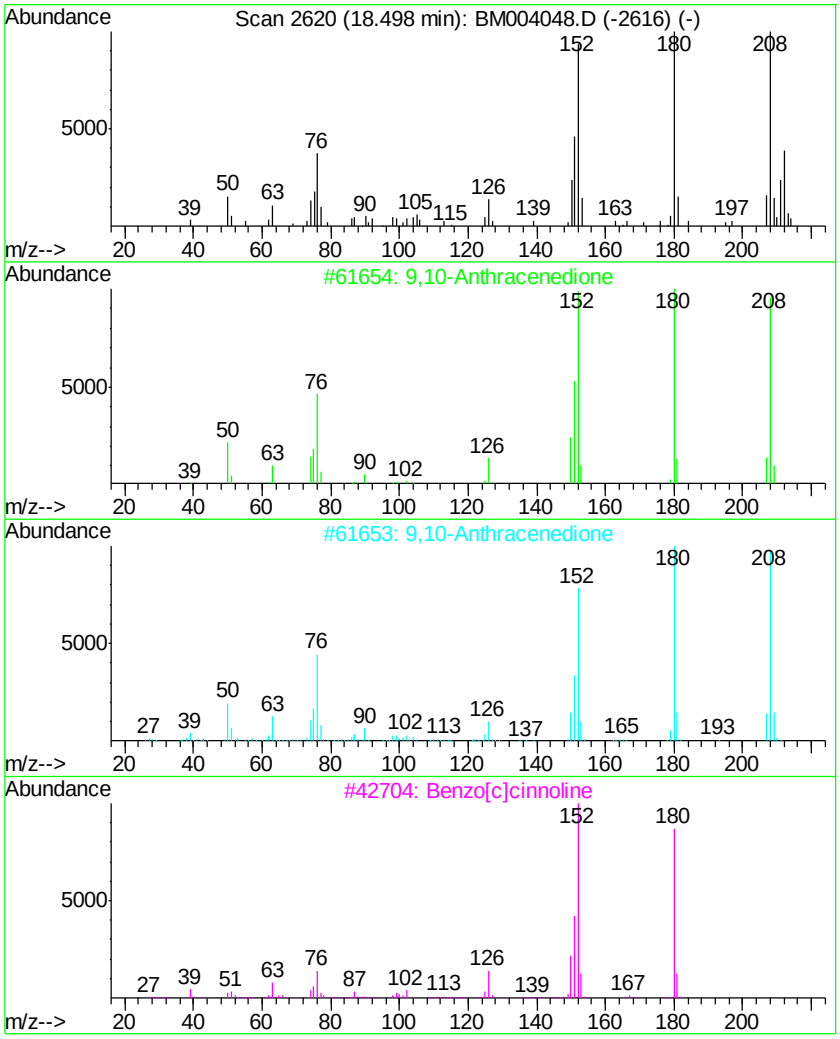
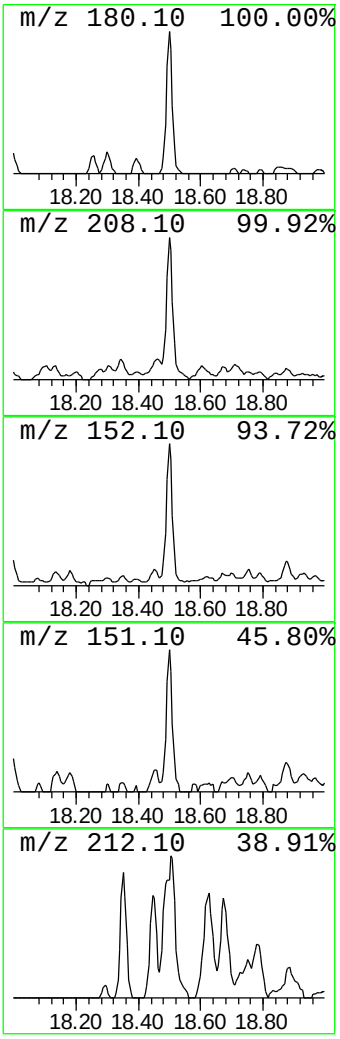
Peak Number 10 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	7.11 ng/ul	196447	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	98
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64





Library Search Compound Report

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Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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Quant Title : SVOA CALIBRATION

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

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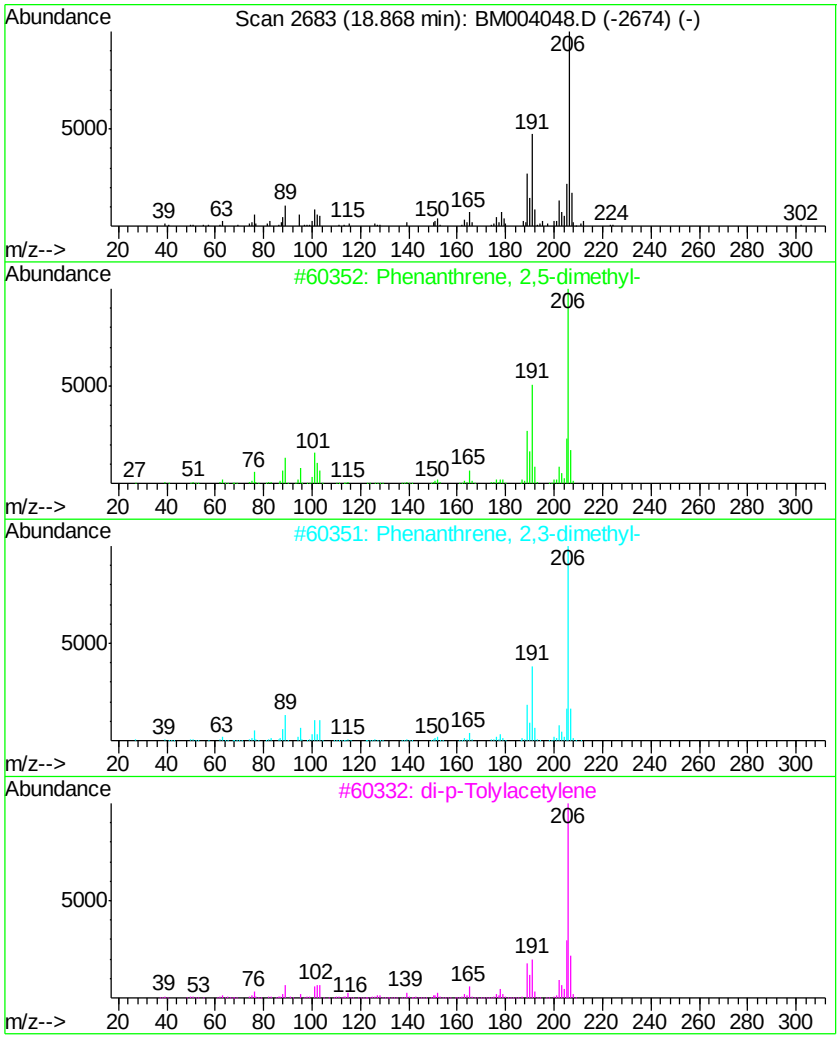
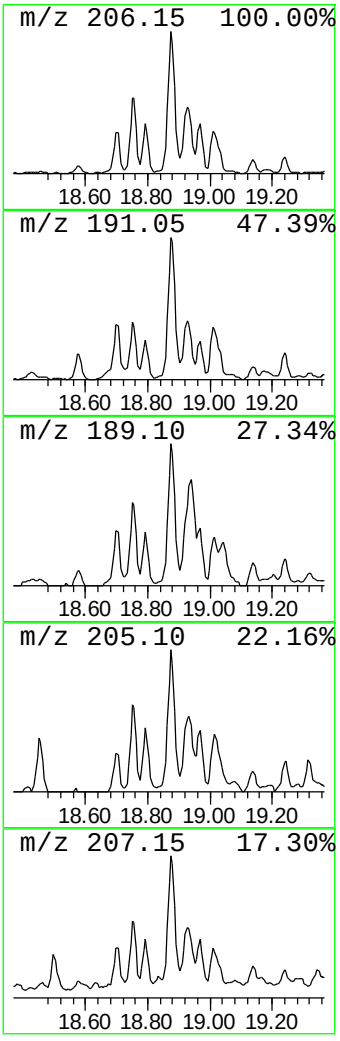
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	14.58 ng/ul	403026	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

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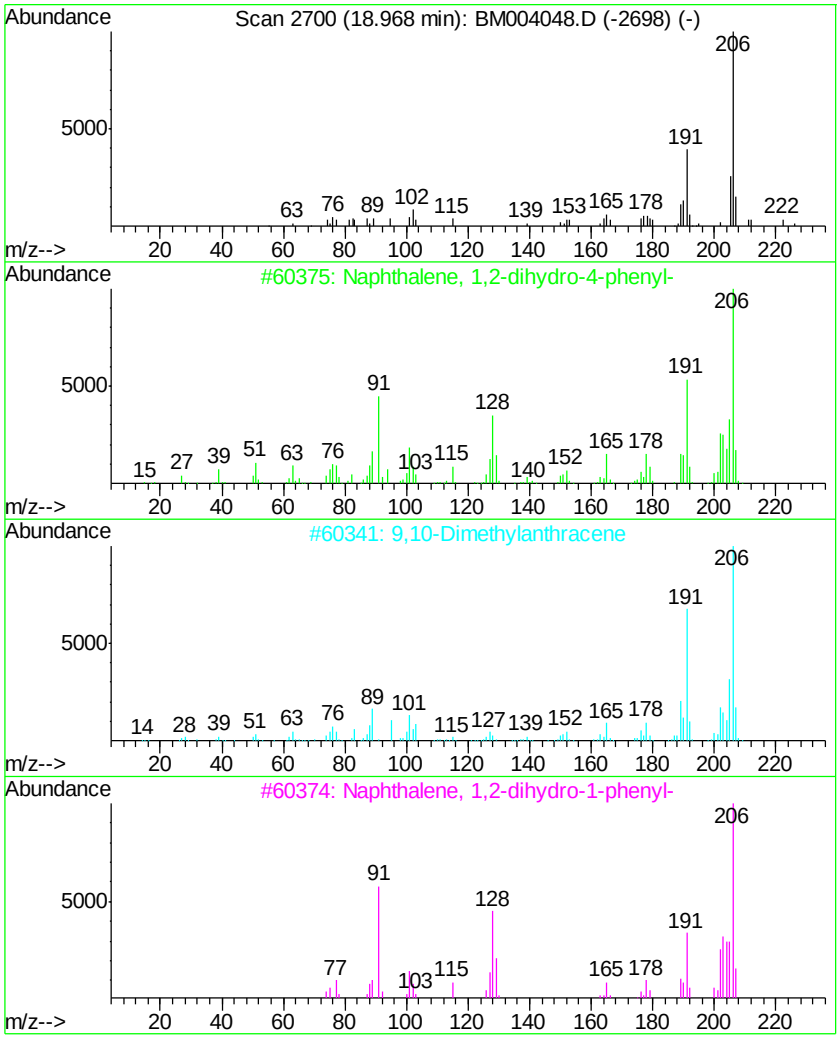
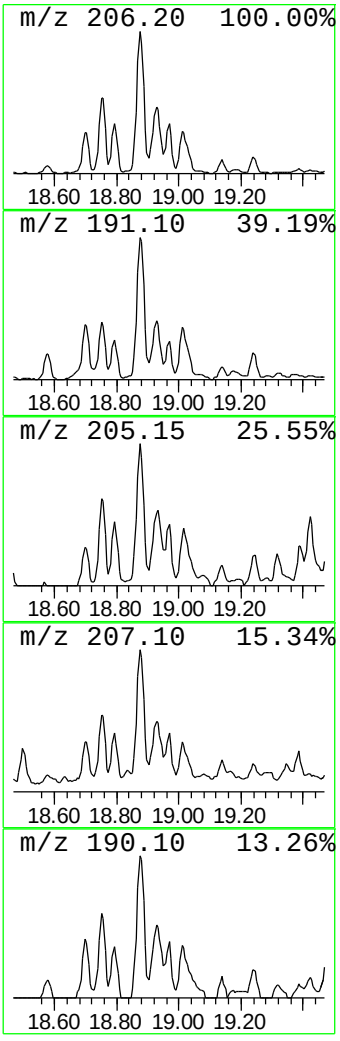
Peak Number 16 Naphthalene, 1,2-dihydro-4-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	2.42 ng/ul	66917	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

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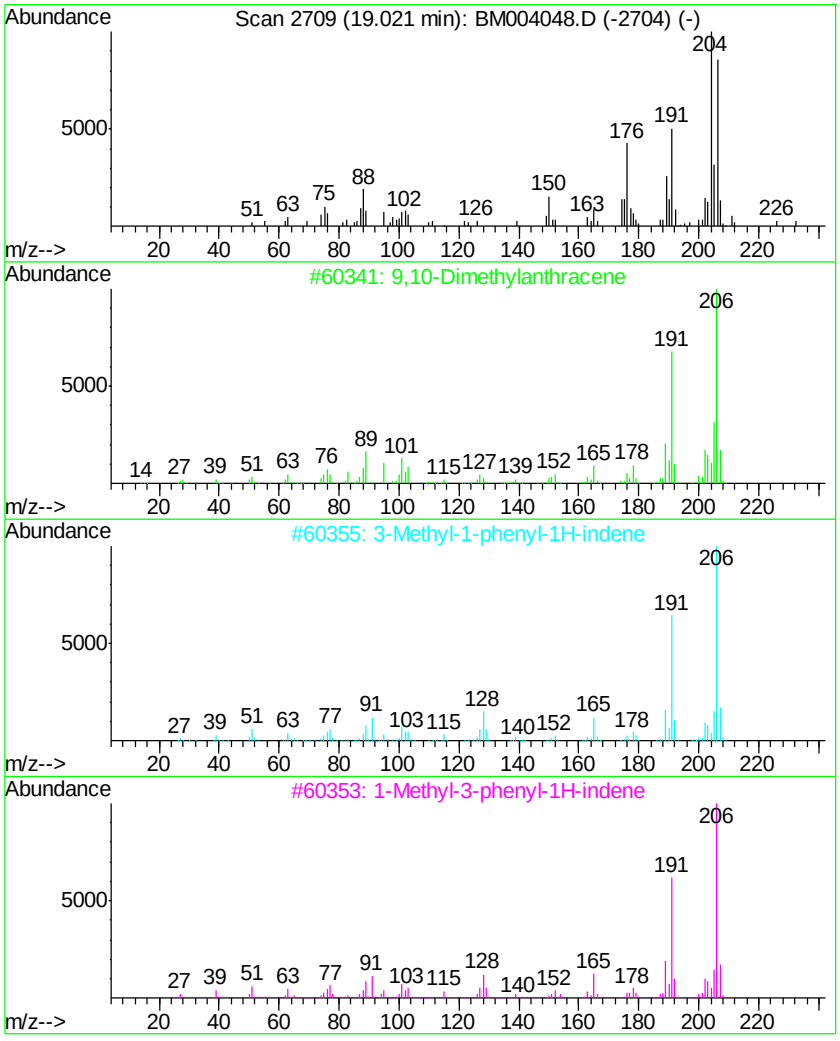
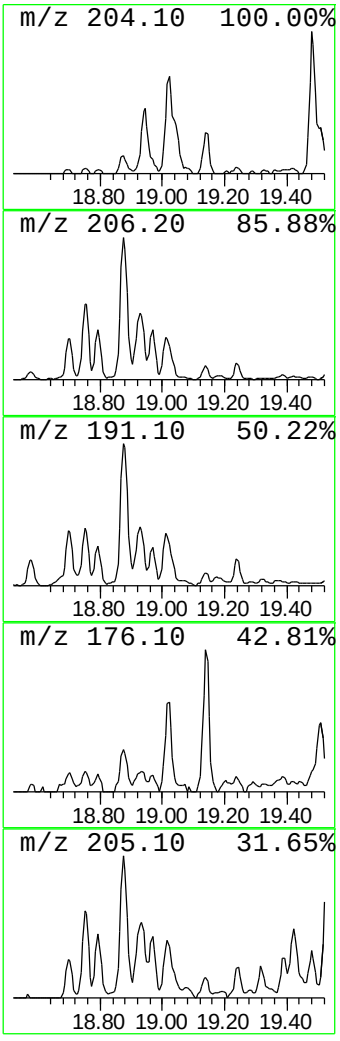
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	7.04 ng/ul	194554	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	86
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	86
4	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	84
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70





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Sample : H1100-14 10X
Misc :
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Instrument : BNA_M
ClientSampleId : BC9C8

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

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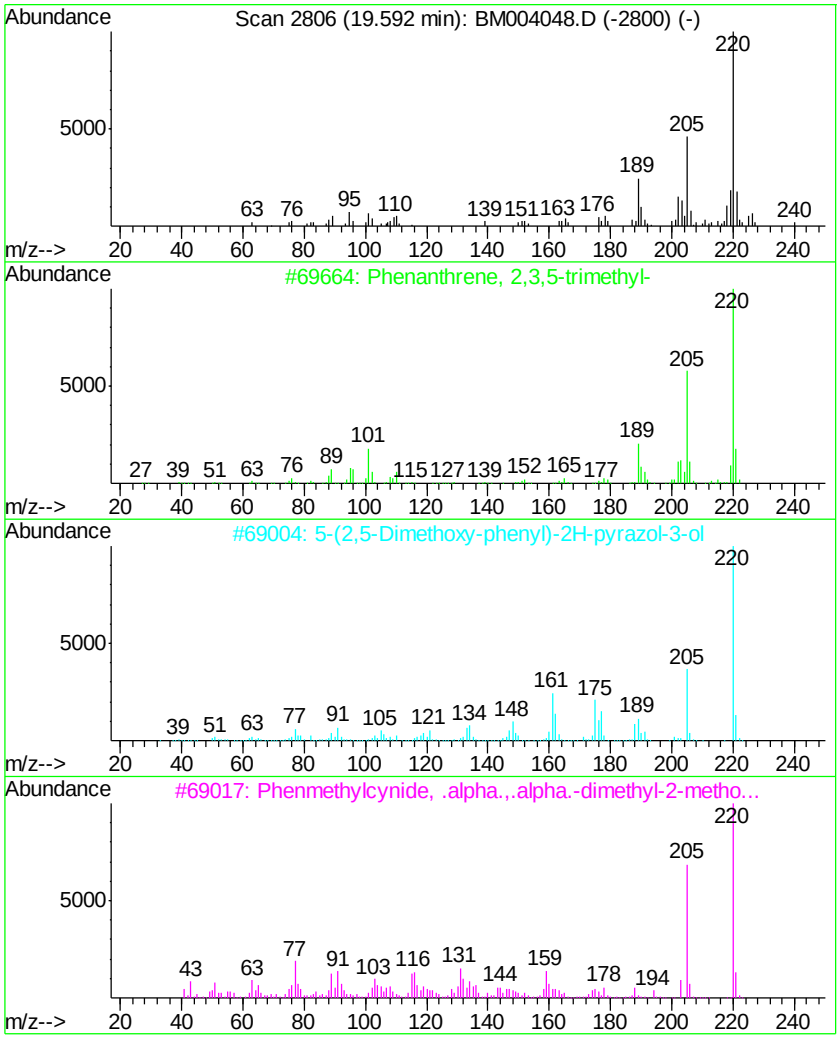
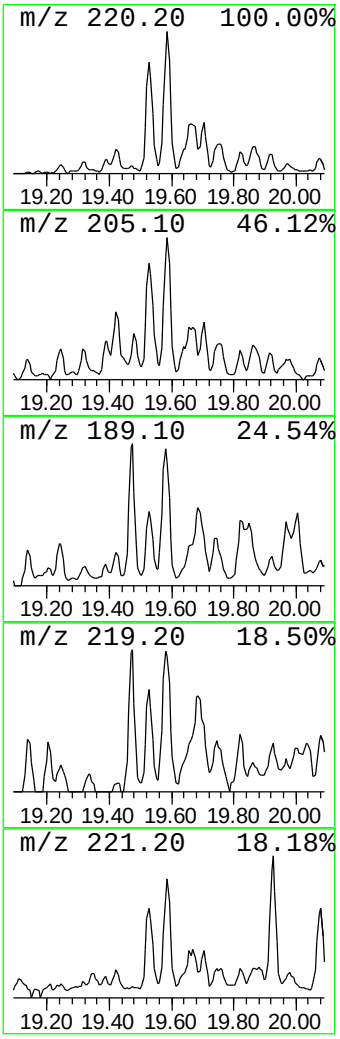
Peak Number 18 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	3.14 ng/ul	186395	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	81
2	5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	53
3	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	50
4	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	50
5	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	49





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Sample : H1100-14 10X
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Instrument : BNA_M
ClientSampleId : BC9C8

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Quant Title : SVOA CALIBRATION

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

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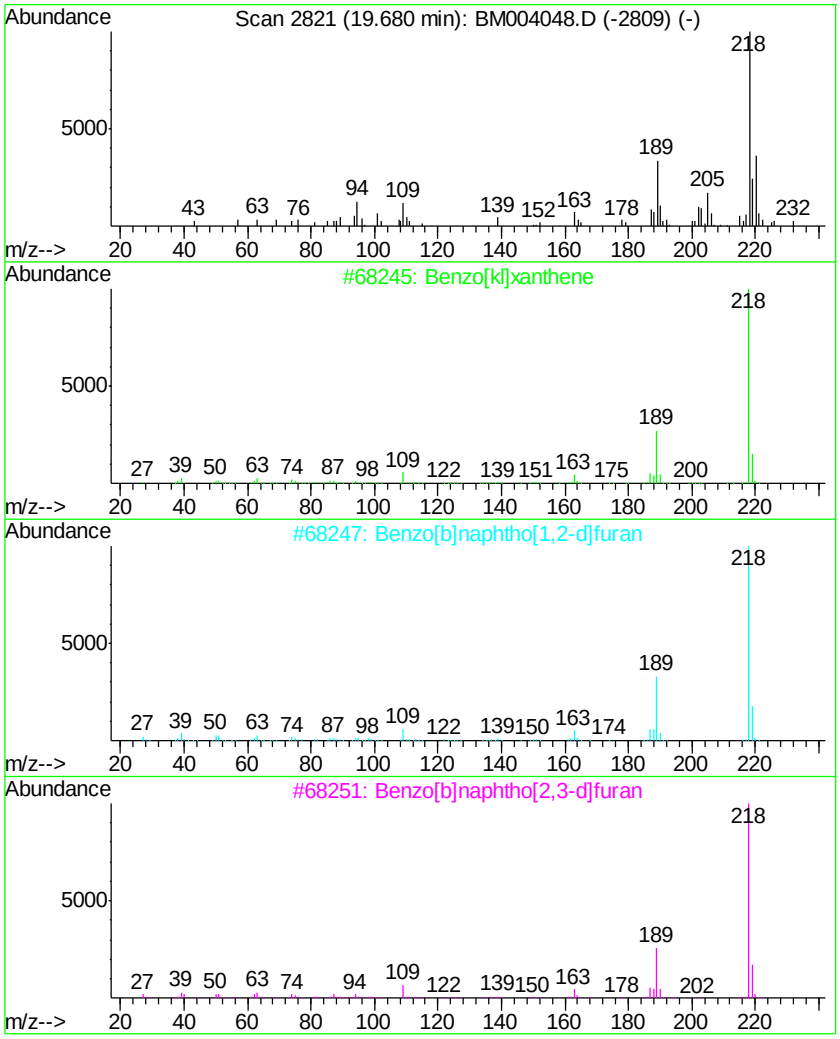
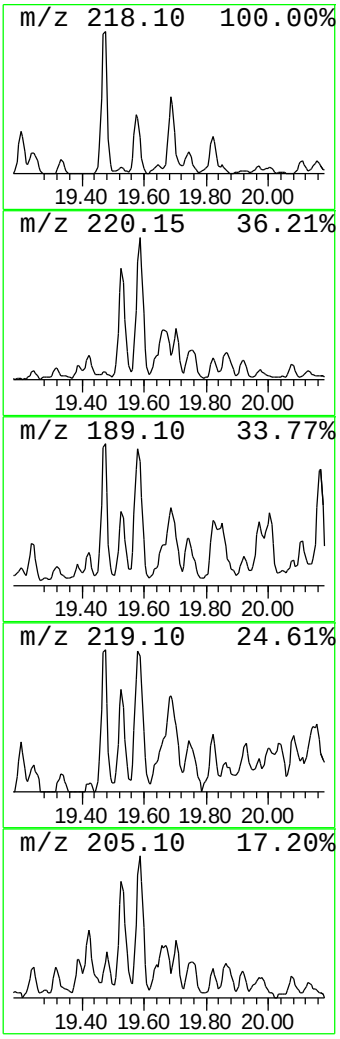
Peak Number 19 Benzo[kl]xanthene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.36 ng/ul	139673	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[kl]xanthene	218	C16H10O	000200-23-7	53
2	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	52
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	52
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	52
5	5-Methanesulfonyl-3-methoxy-isot...	218	C6H6N2O3S2	157138-41-5	50





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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Quant Title : SVOA CALIBRATION

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

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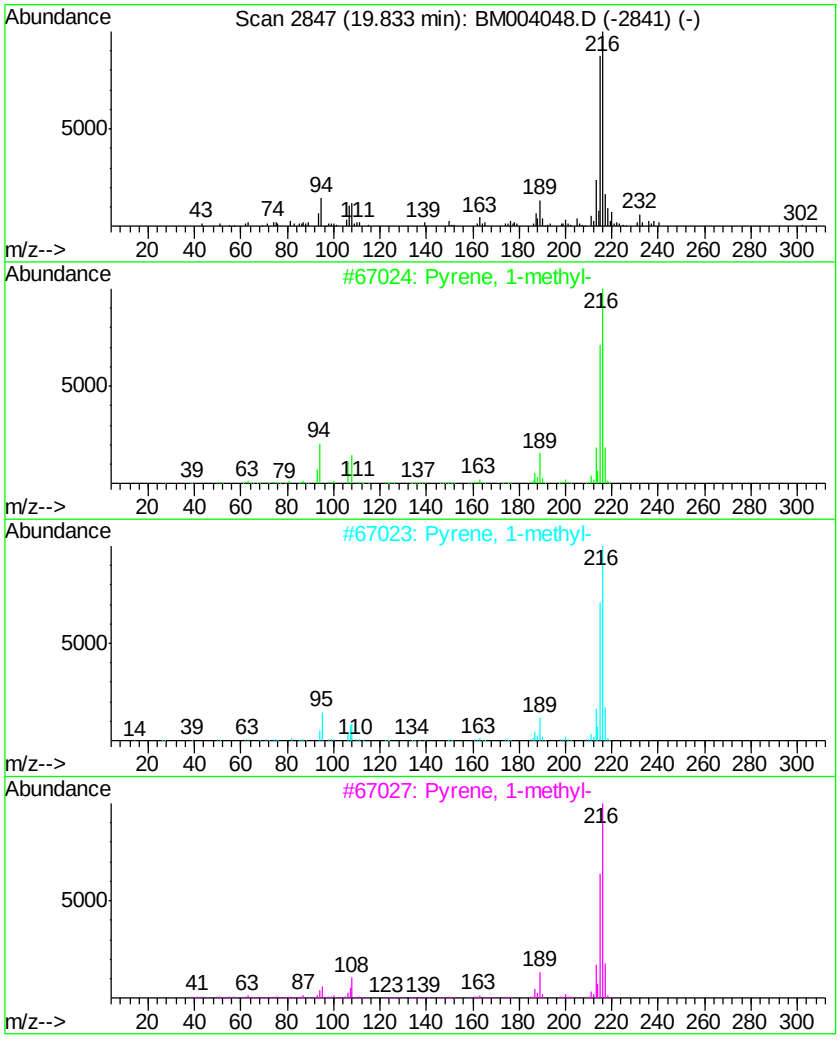
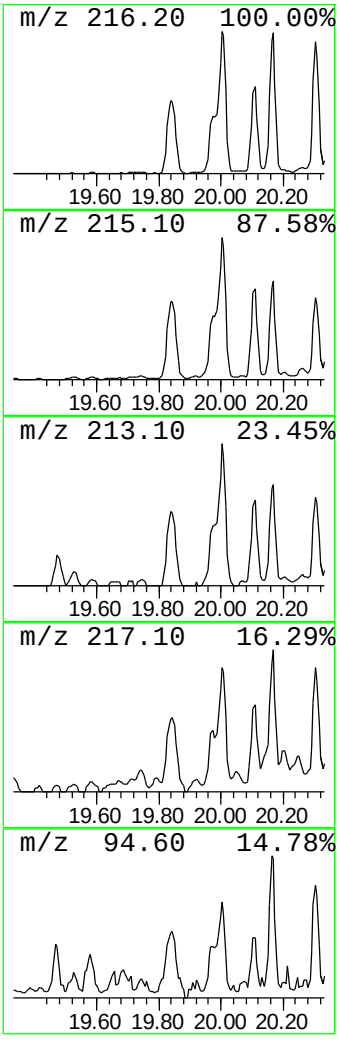
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	5.17 ng/ul	306783	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





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Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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Quant Title : SVOA CALIBRATION

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

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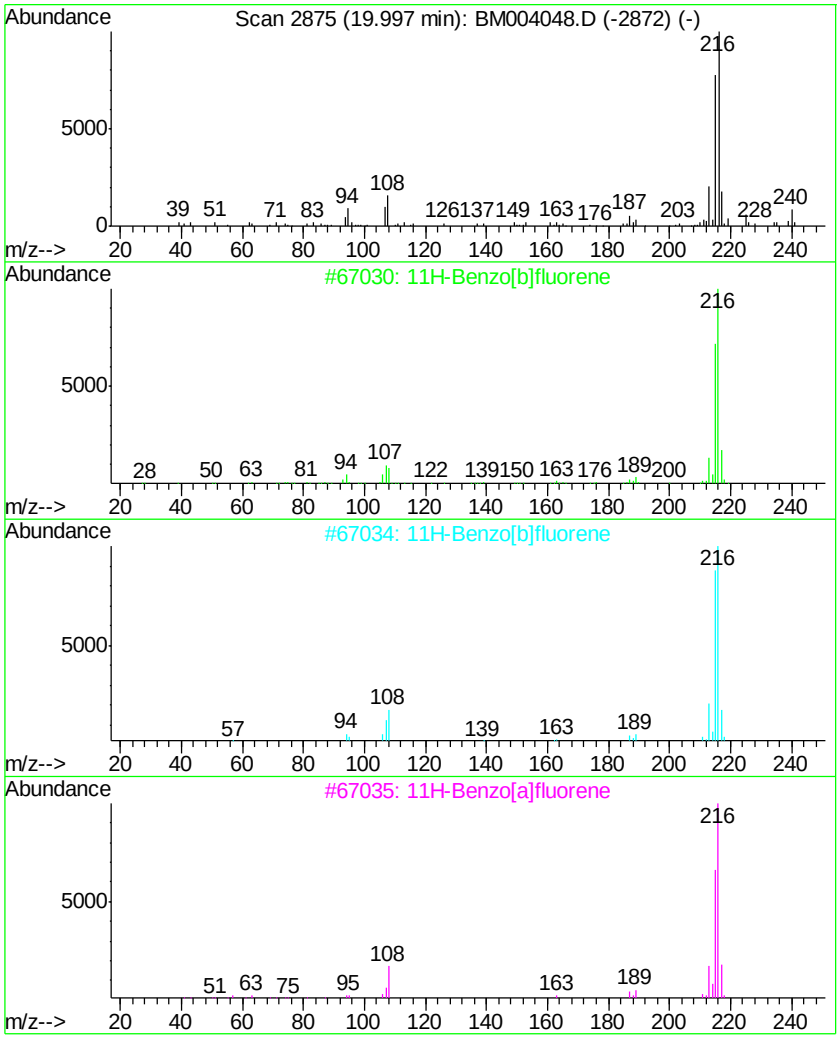
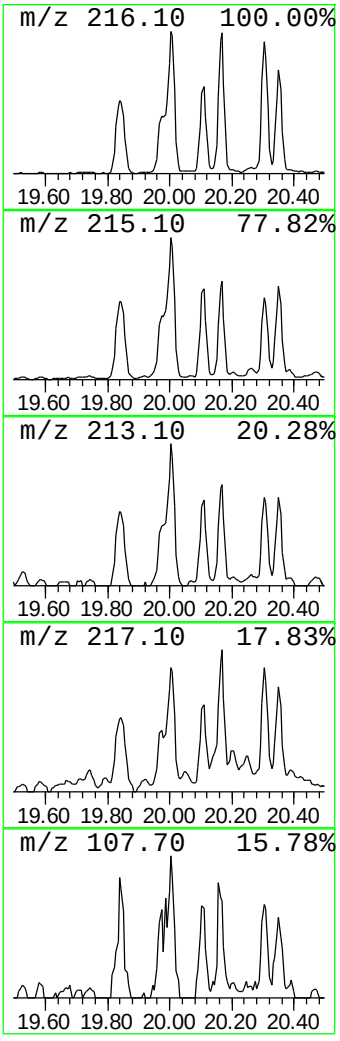
Peak Number 22 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	4.95 ng/ul	293625	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

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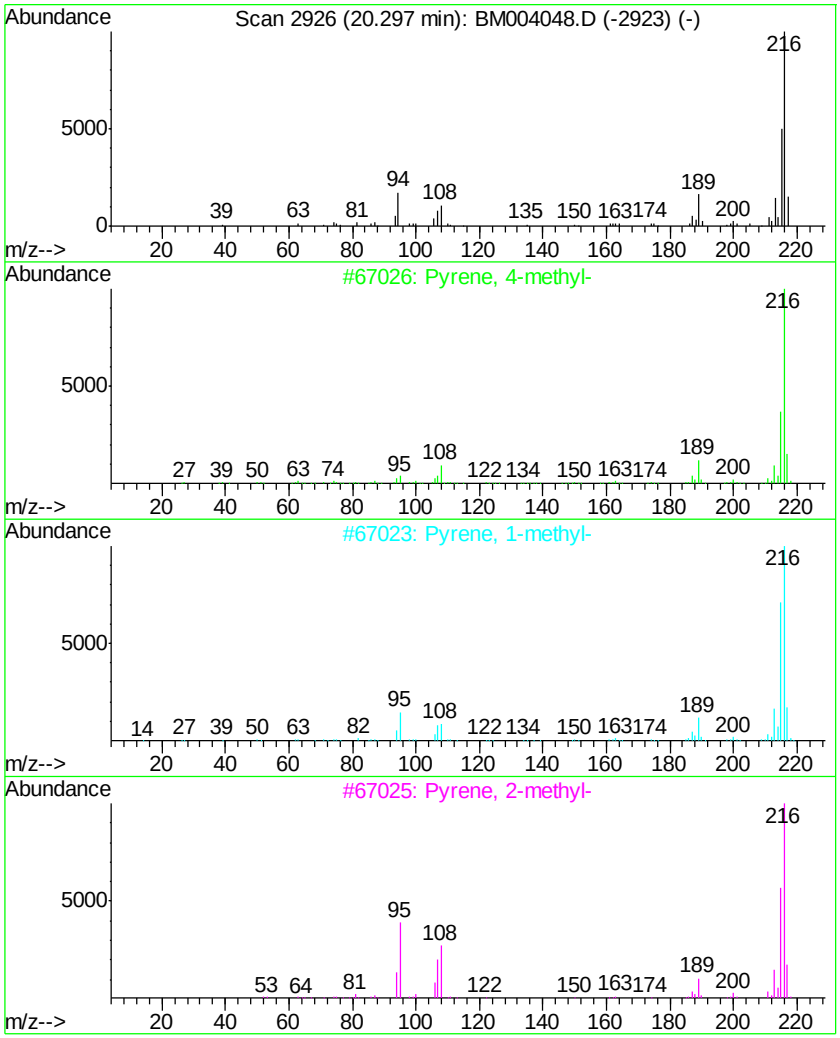
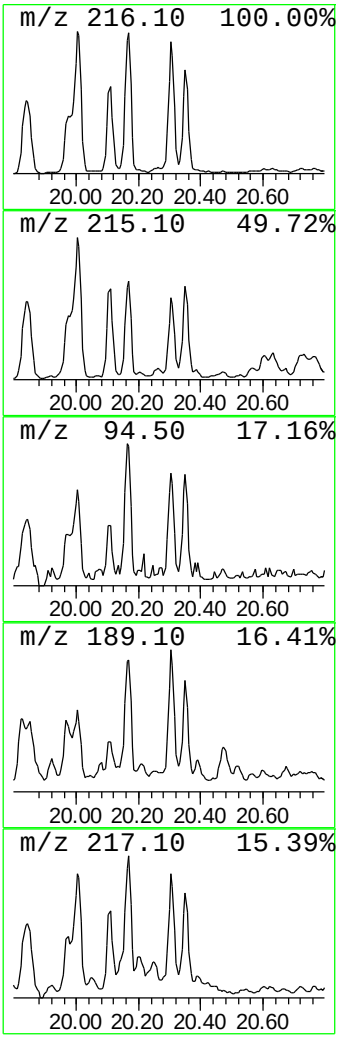
Peak Number 25 Pyrene, 4-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	3.08 ng/ul	182388	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94





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Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

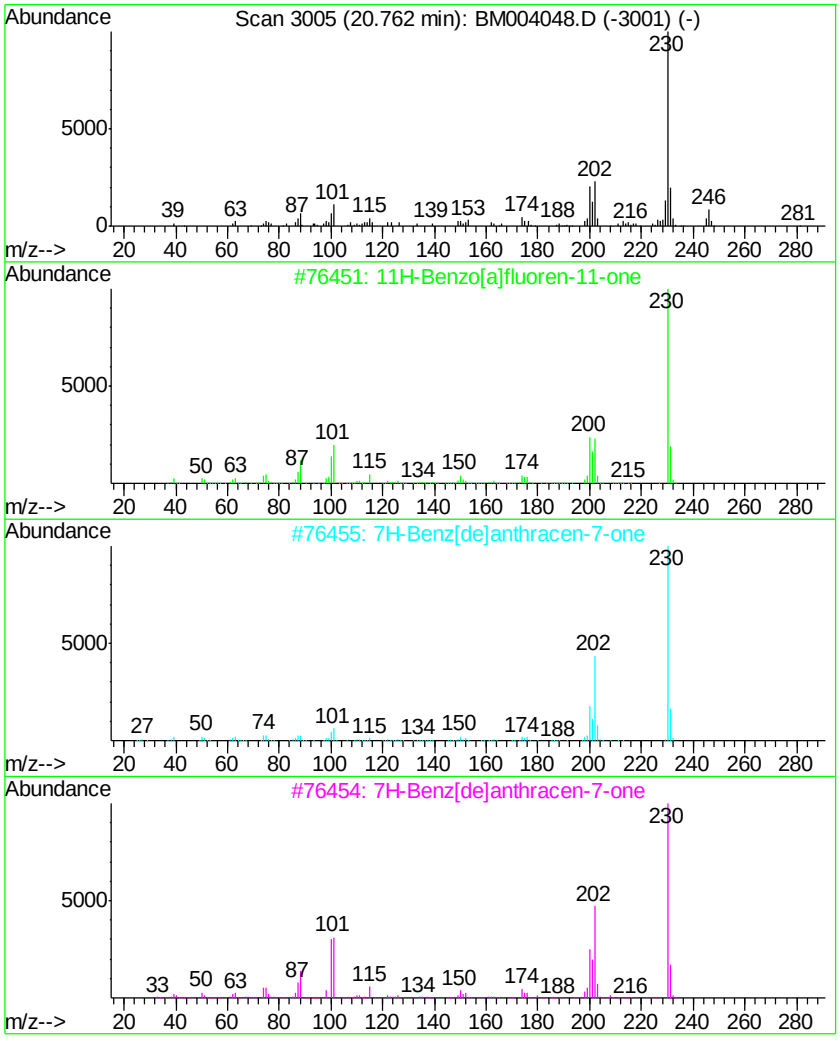
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

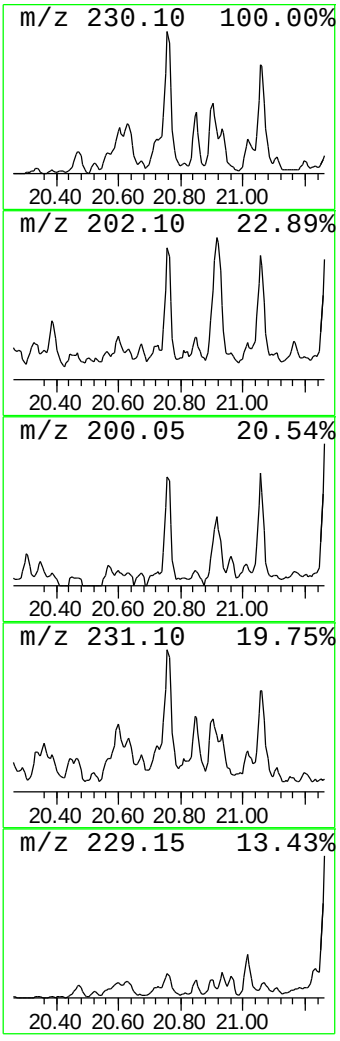
****

Peak Number 27 11H-Benzo[a]fluoren-11-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.67 ng/ul	158187	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	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	74
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

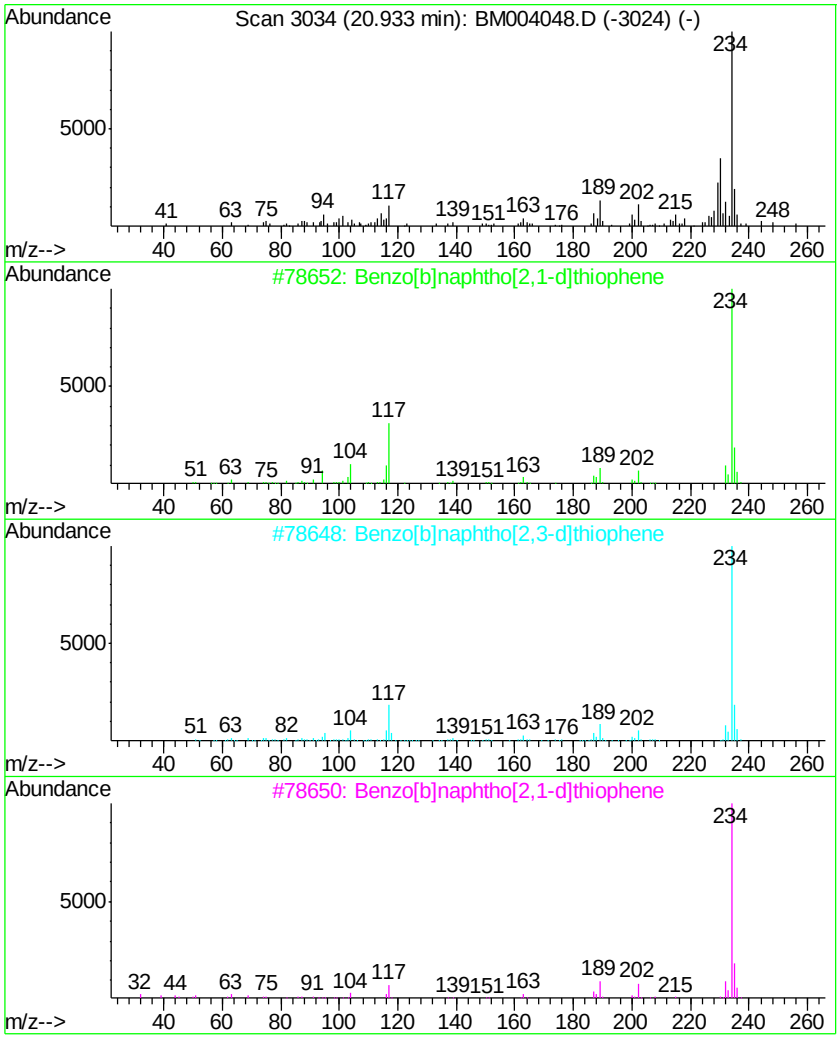
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

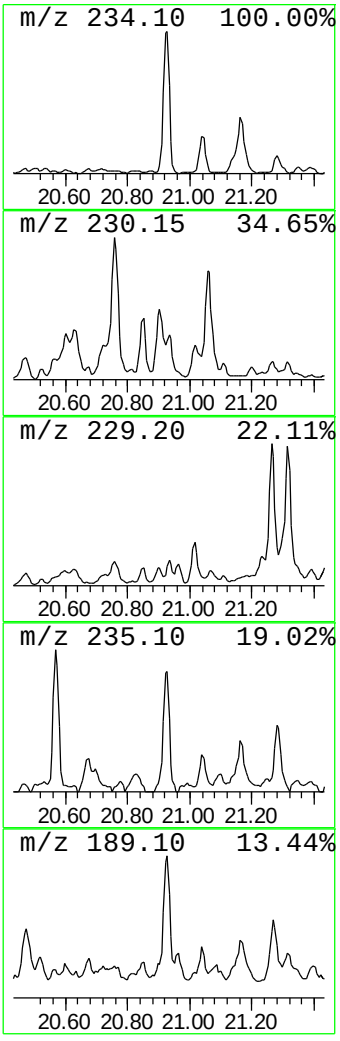
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.63 ng/ul	274481	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[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91





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Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

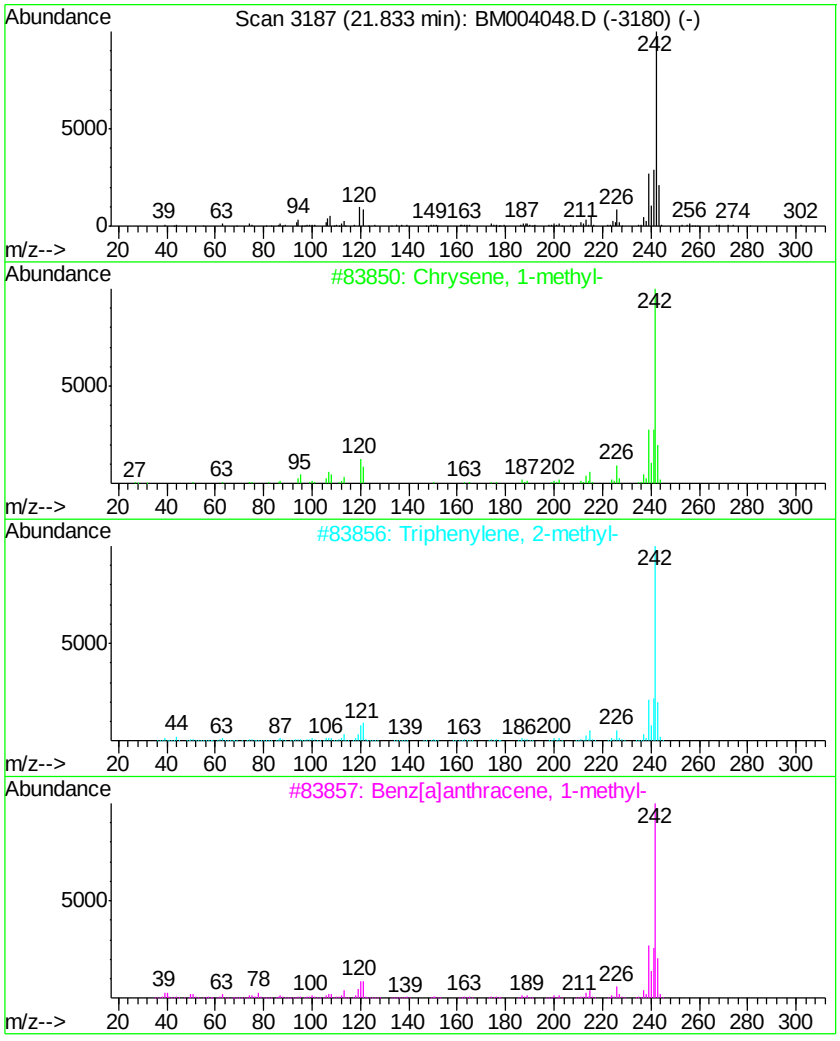
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

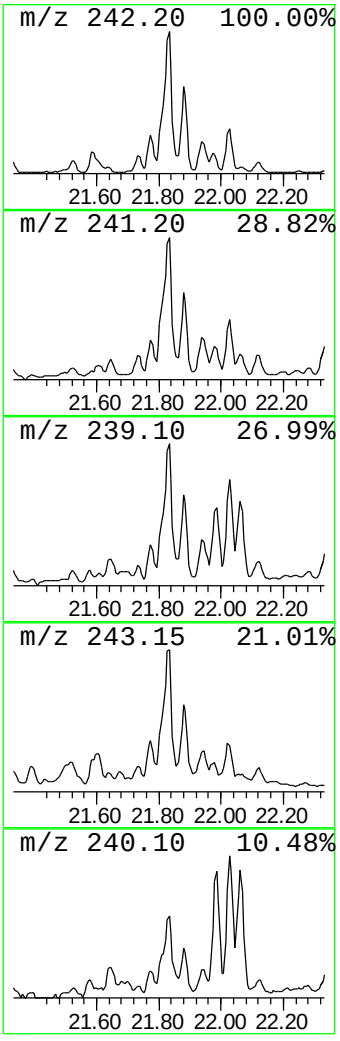
****

Peak Number 30 Chrysene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	5.10 ng/ul	302129	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	97
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
4	Benzo[c]phenanthrene, 4-methyl-	242	C19H14	004076-40-8	93
5	Chrysene, 4-methyl-	242	C19H14	003351-30-2	91





Library Search Compound Report

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Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

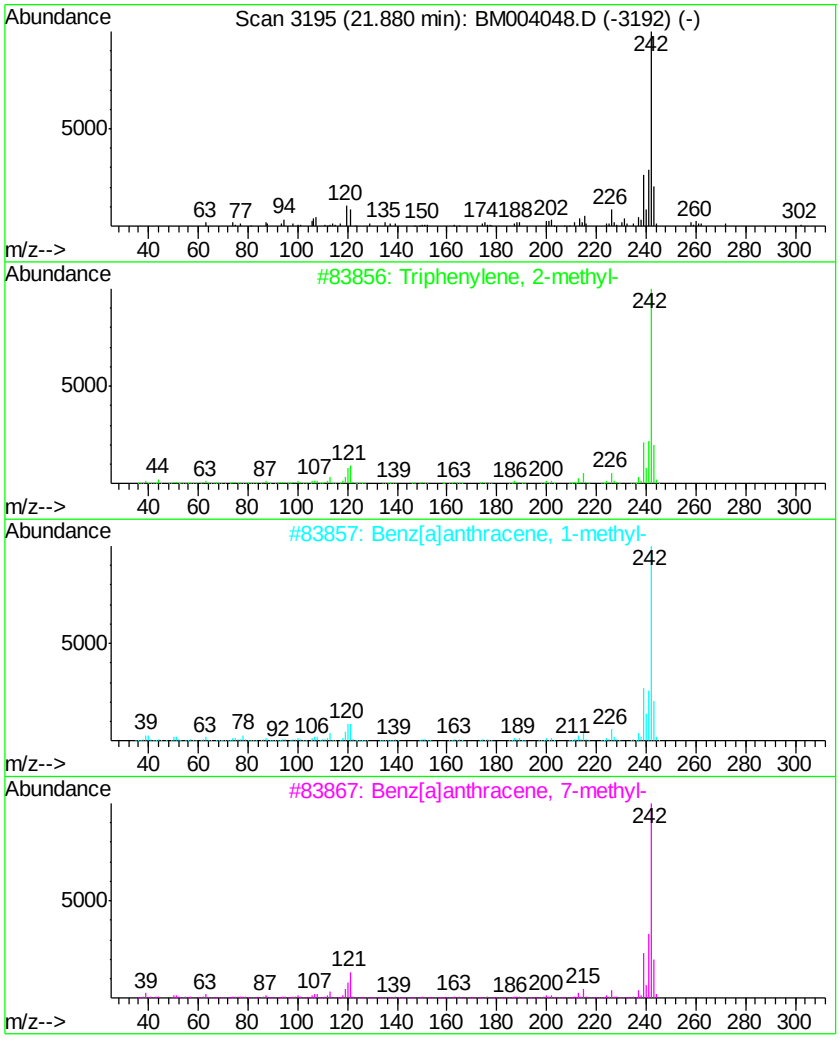
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

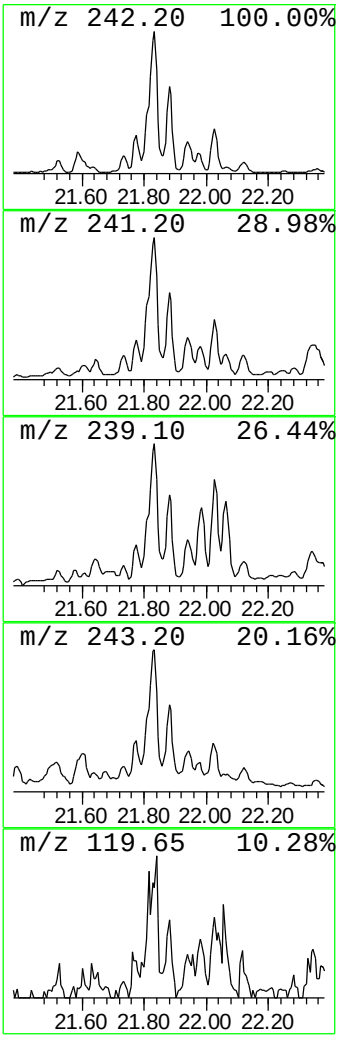
****

Peak Number 31 Triphenylene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	2.77 ng/ul	164371	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86





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Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

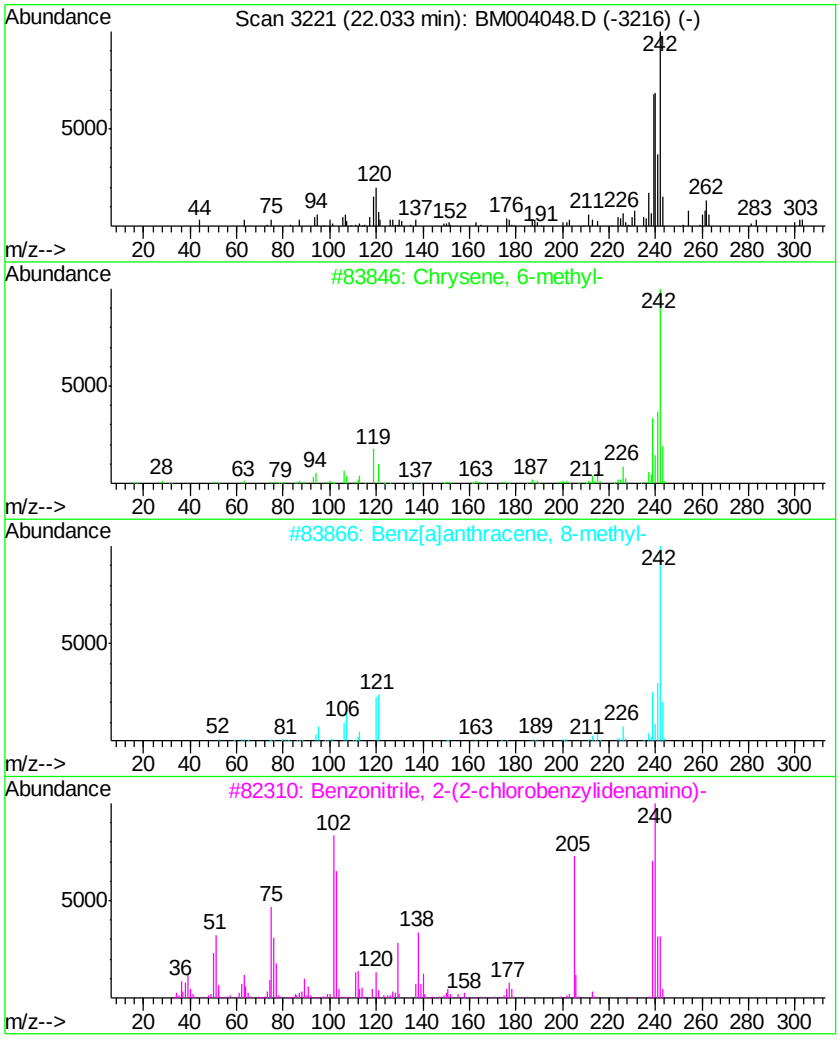
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

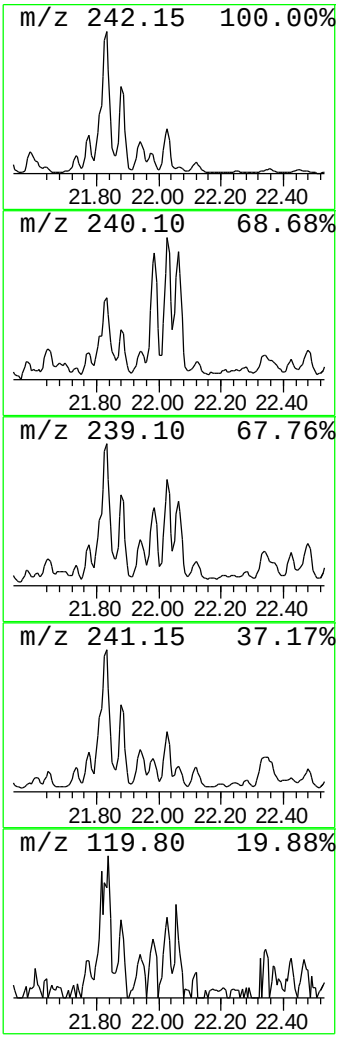
****

Peak Number 32 Chrysene, 6-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	2.29 ng/ul	135561	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	80
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	50
3	Benzonitrile, 2-(2-chlorobenzyli...	240	C14H9ClN2	104830-19-5	43
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	43
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	41





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Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

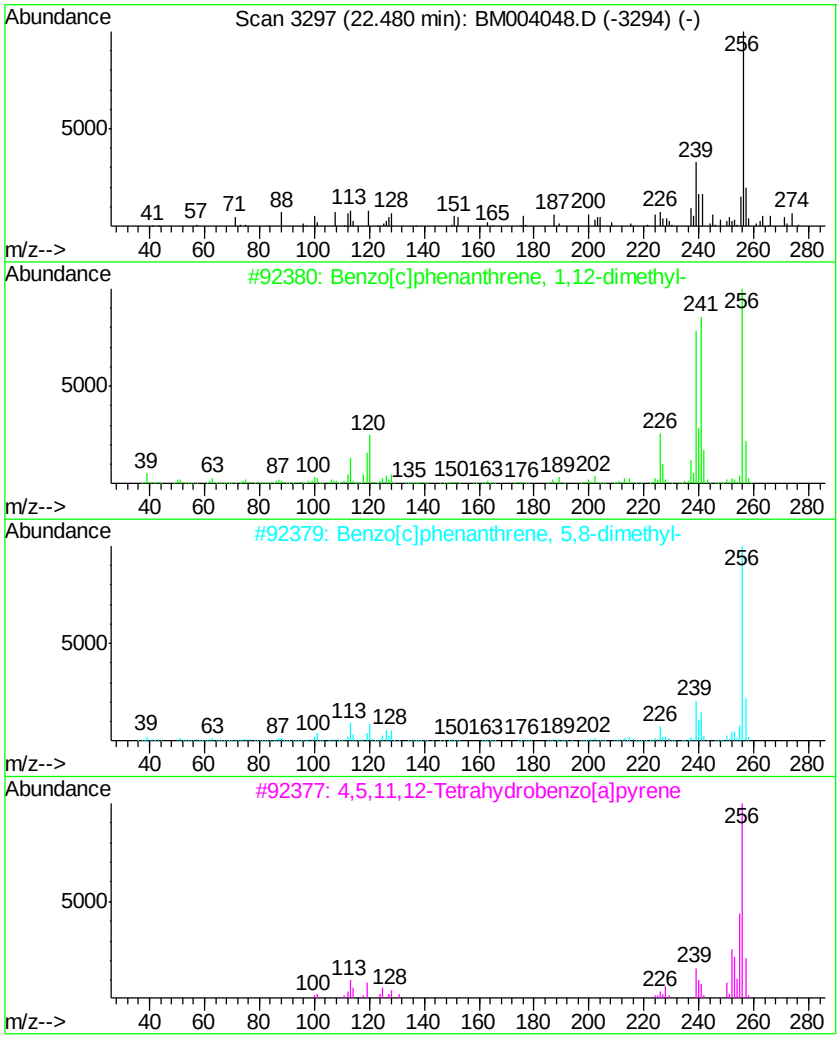
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

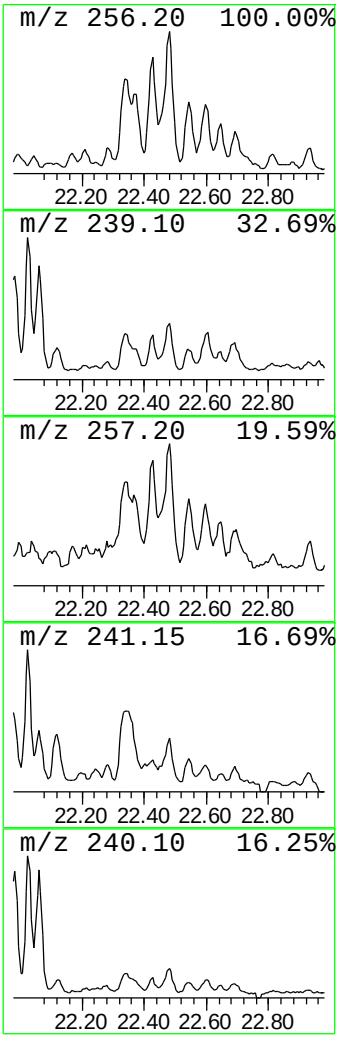
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzo[c]phenanthrene, 1,12-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	3.25 ng/ul	75345	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	87
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	80
3	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	76
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	72
5	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	72





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Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

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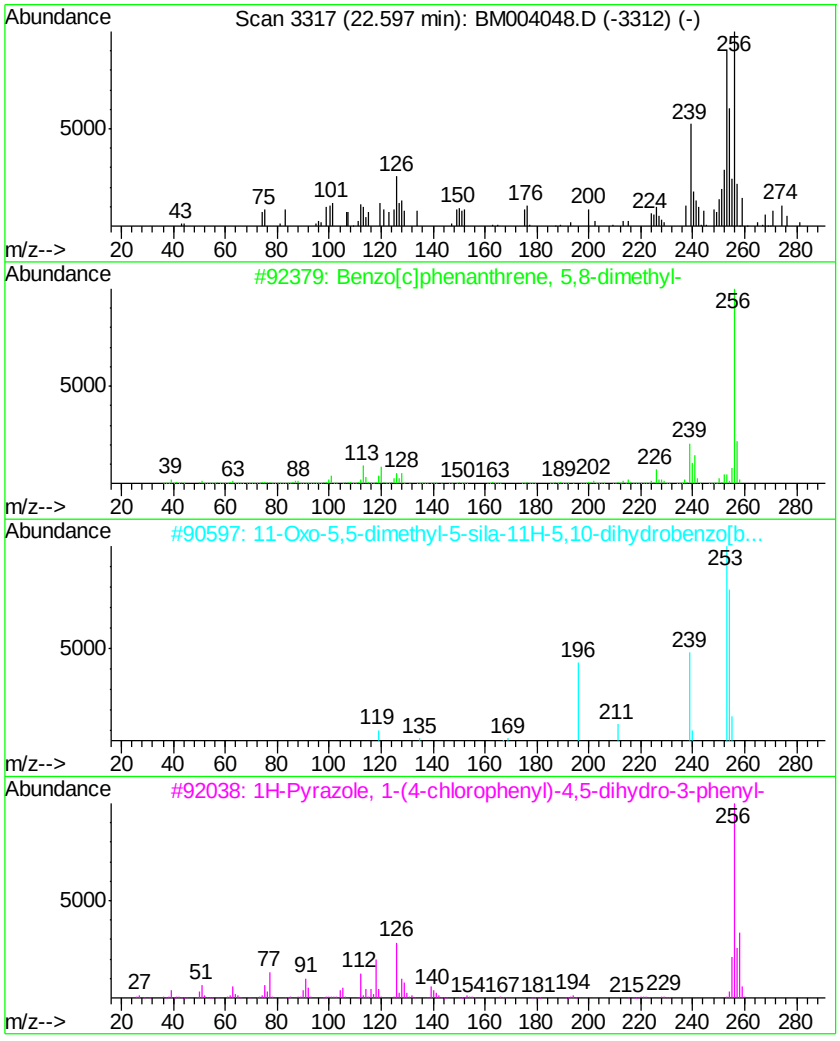
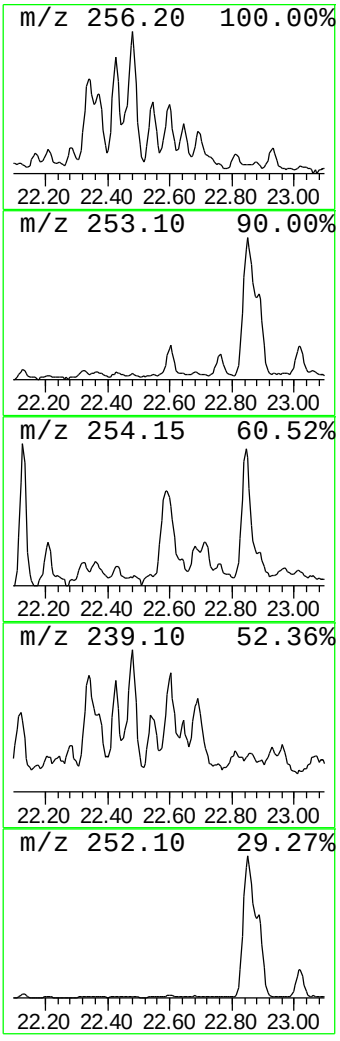
Peak Number 34 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	3.04 ng/ul	70390	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	38
2	11-Oxo-5,5-dimethyl-5-sila-11H-5...	254	C14H14N2OSi	089052-47-1	38
3	1H-Pyrazole, 1-(4-chlorophenyl)-...	256	C15H13ClN2	002535-78-6	38
4	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	30
5	9H-Xanthen-9-one, 3,6-dihydroxy-...	256	C15H12O4	067065-96-7	25





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Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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Quant Title : SVOA CALIBRATION

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

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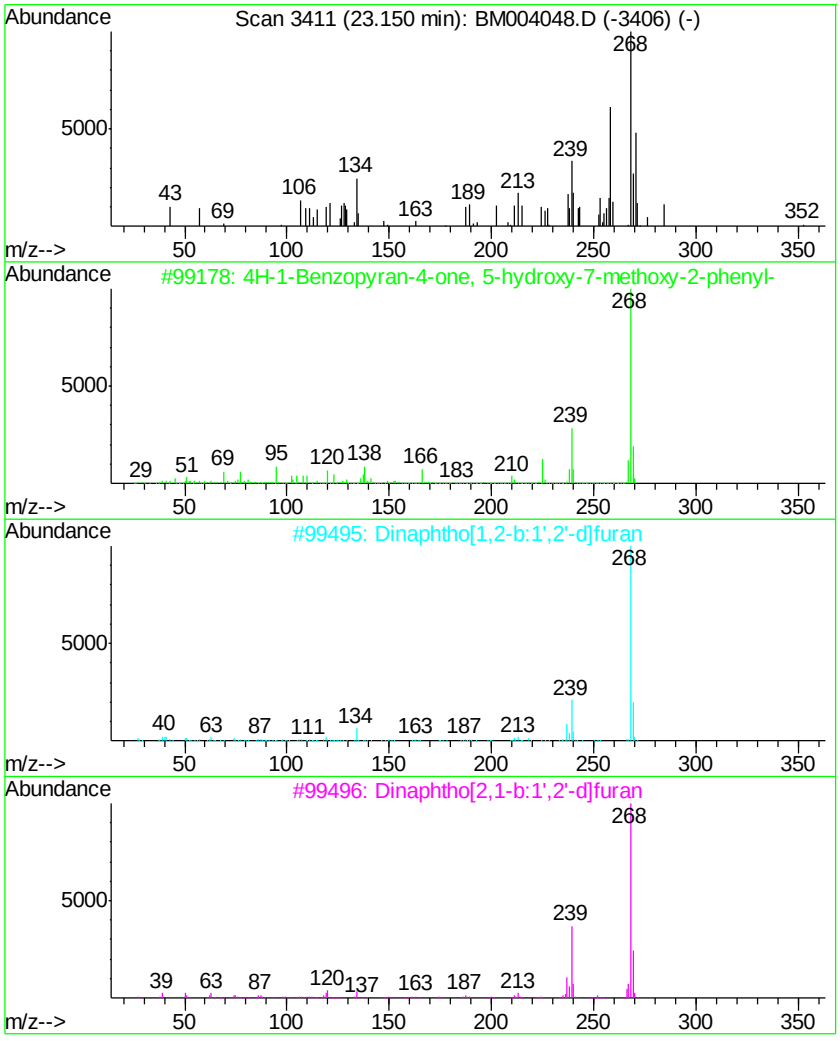
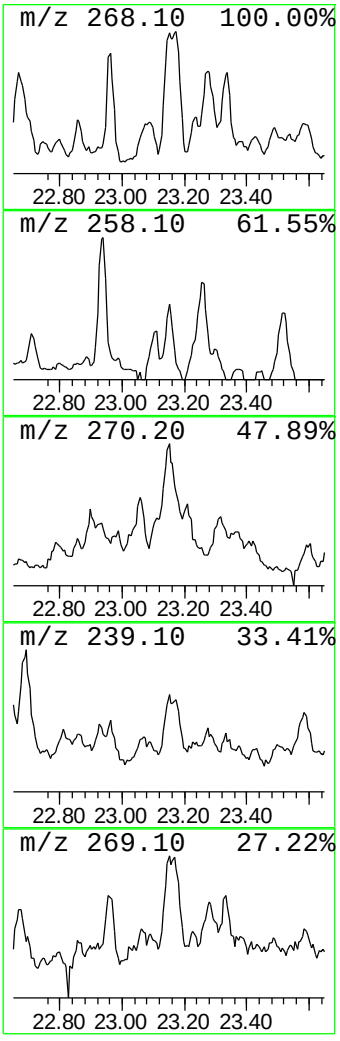
Peak Number 36 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	2.56 ng/ul	59282	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	43
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	43
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	43
4	4-Imidazolidinone, 5,5-diphenyl-...	268	C15H12N2OS	021083-47-6	42
5	Benzen-1,2-diol, 4,5-dibromo-	266	C6H4Br2O2	002563-26-0	38





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Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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

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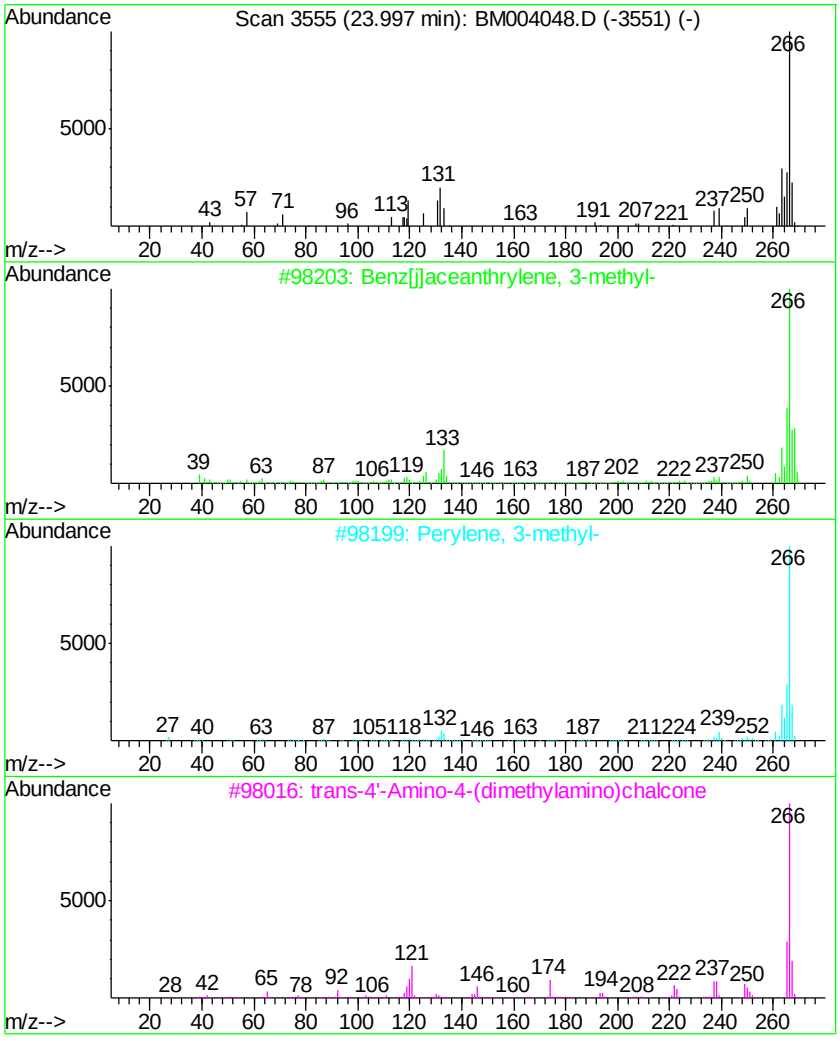
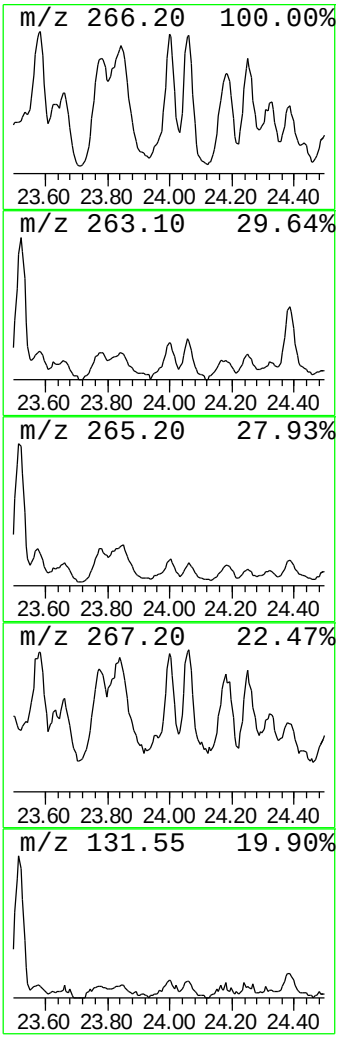
Peak Number 38 Benz[j]aceanthrylene, 3-met... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.15 ng/ul	49749	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	68
2	Perylene, 3-methyl-	266	C21H14	024471-47-4	58
3	trans-4'-Amino-4-(dimethylamino)...	266	C17H18N2O	1000234-51-4	52
4	Perylene, 1,2,3,3a,4,5,6,7,8,9,9...	266	C20H26	007594-86-7	49
5	5-(p-Dimethylaminocinnamoyl)-2-m...	266	C17H18N2O	004625-19-8	49





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Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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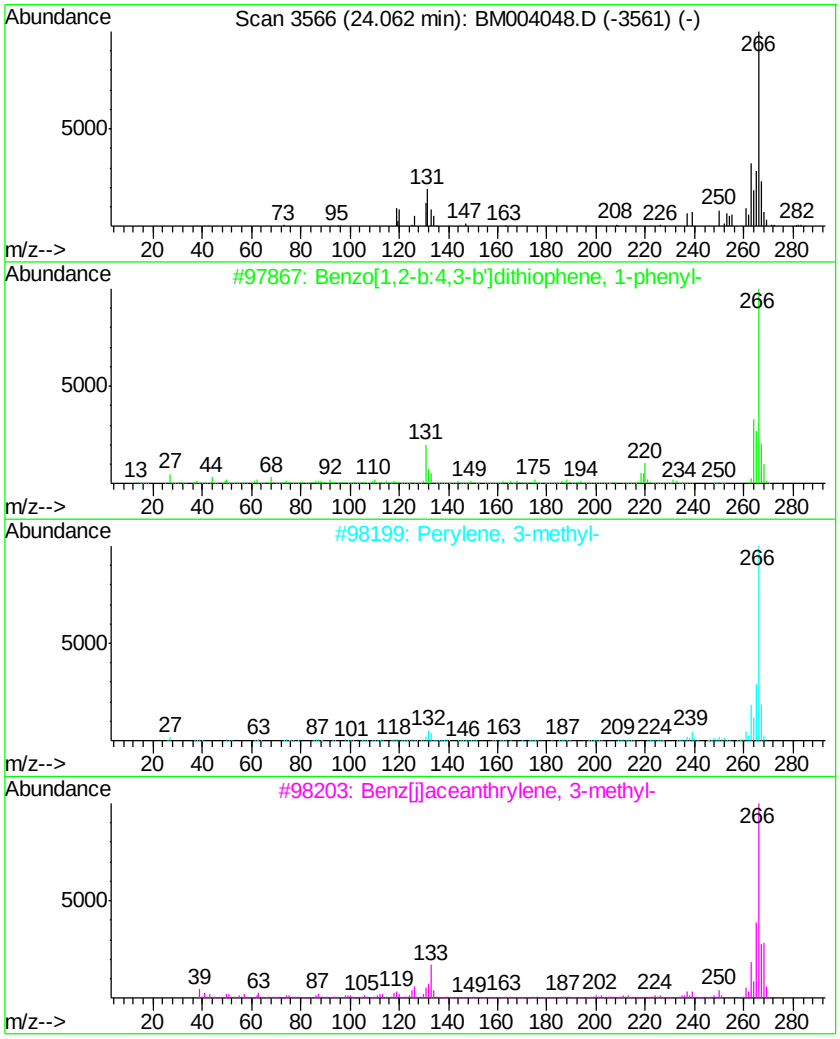
Quant Title : SVOA CALIBRATION

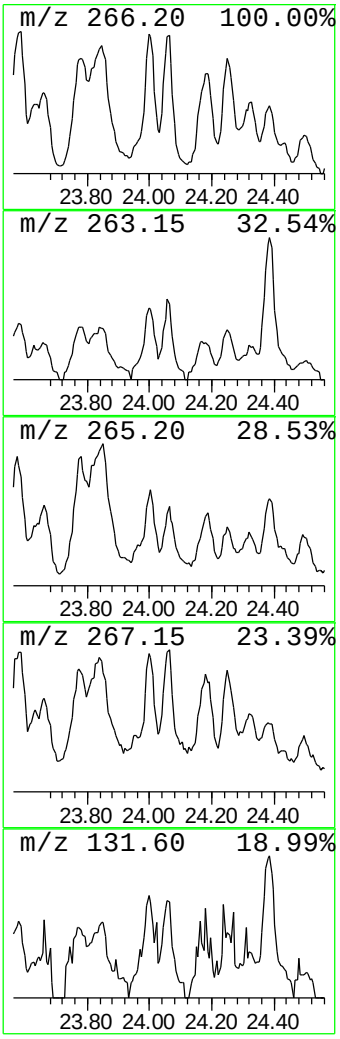
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzo[1,2-b:4,3-b']dithioph... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.48 ng/ul	57574	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	53
2	Perylene, 3-methyl-	266	C21H14	024471-47-4	53
3	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	52
4	Benzoic acid, 4-(4,5-dihydro-3-p...	266	C16H14N2O2	026192-74-5	50
5	Thiazole, 4-(4-methylphenyl)-2-p...	266	C16H14N2S	093020-56-5	50





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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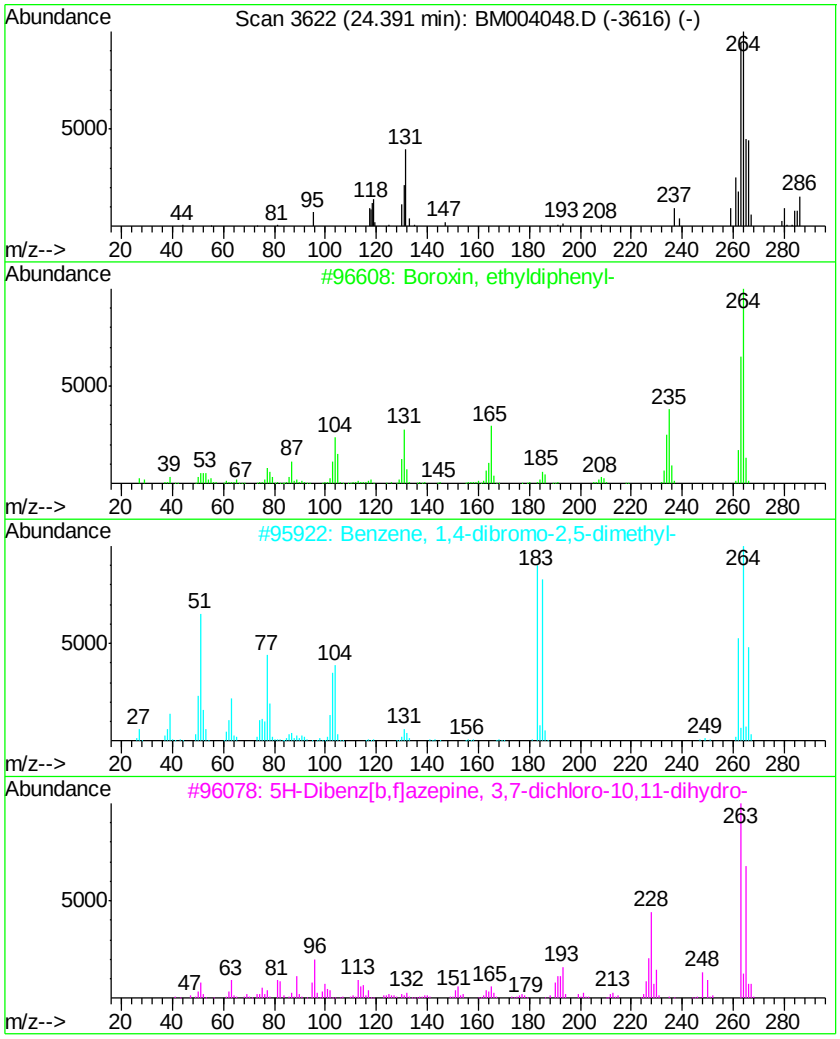
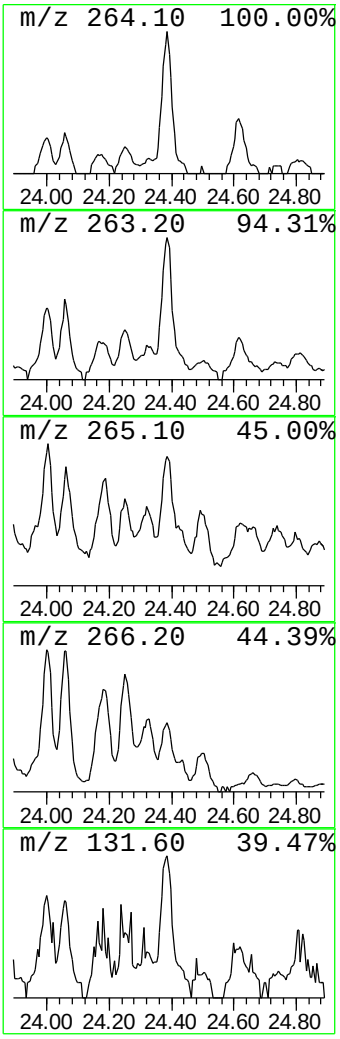
Peak Number 40 unknown-03 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	2.17 ng/ul	50164	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	38
2	Benzene, 1,4-dibromo-2,5-dimethyl-	262	C8H8Br2	001074-24-4	27
3	5H-Dibenz[b,f]azepine, 3,7-dichl...	263	C14H11Cl2N	013080-74-5	27
4	Quinoline, 2-[2-(4-chlorophenyl)...	265	C17H12ClN	005392-19-8	23
5	7-Carbomethoxy-5,8-dimethoxy-1-t...	264	C14H16O5	122136-07-6	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004048.D
Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

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
Dibenzothiophene	16.89	2.8	ng/ul	78083	4	17.07	552841	20.0
Dibenzothiophene,...	17.65	3.7	ng/ul	101085	4	17.07	552841	20.0
Dibenzothiophene,...	17.80	2.4	ng/ul	65894	4	17.07	552841	20.0
Phenanthrene, 2-m...	17.95	11.0	ng/ul	305224	4	17.07	552841	20.0
Anthracene, 1-met...	18.08	3.1	ng/ul	85871	4	17.07	552841	20.0
Anthracene, 9-met...	18.14	13.8	ng/ul	380965	4	17.07	552841	20.0
Anthracene, 2-met...	18.18	7.2	ng/ul	199593	4	17.07	552841	20.0
1,2,4,8-Tetrameth...	18.45	5.5	ng/ul	150647	4	17.07	552841	20.0
9,10-Anthracenedione	18.50	7.1	ng/ul	196447	4	17.07	552841	20.0
Phenanthrene, 2,5...	18.87	14.6	ng/ul	403026	4	17.07	552841	20.0
Naphthalene, 1,2-...	18.97	2.4	ng/ul	66917	4	17.07	552841	20.0
9,10-Dimethylanth...	19.02	7.0	ng/ul	194554	4	17.07	552841	20.0
Phenanthrene, 2,3...	19.59	3.1	ng/ul	186395	5	21.28	1185890	20.0
Benzo[kl]xanthene	19.68	2.4	ng/ul	139673	5	21.28	1185890	20.0
Pyrene, 1-methyl-	19.83	5.2	ng/ul	306783	5	21.28	1185890	20.0
11H-Benzo[b]fluorene	20.00	5.0	ng/ul	293625	5	21.28	1185890	20.0
Pyrene, 4-methyl-	20.30	3.1	ng/ul	182388	5	21.28	1185890	20.0
11H-Benzo[a]fluor...	20.76	2.7	ng/ul	158187	5	21.28	1185890	20.0
Benzo[b]naphtho[2...	20.93	4.6	ng/ul	274481	5	21.28	1185890	20.0
Chrysene, 1-methyl-	21.83	5.1	ng/ul	302129	5	21.28	1185890	20.0
Triphenylene, 2-m...	21.88	2.8	ng/ul	164371	5	21.28	1185890	20.0
Chrysene, 6-methyl-	22.03	2.3	ng/ul	135561	5	21.28	1185890	20.0
Benzo[c]phenanthr...	22.48	3.3	ng/ul	75345	6	23.51	463391	20.0
unknown-01	22.60	3.0	ng/ul	70390	6	23.51	463391	20.0
unknown-02	23.15	2.6	ng/ul	59282	6	23.51	463391	20.0
Benz[j]aceanthryl...	24.00	2.1	ng/ul	49749	6	23.51	463391	20.0
Benzo[1,2-b:4,3-b...	24.06	2.5	ng/ul	57574	6	23.51	463391	20.0
unknown-03	24.39	2.2	ng/ul	50164	6	23.51	463391	20.0