LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA M\Data\BM011616\
Data File : BM004044.D
Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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	785	rBB	114370	177606	6.51%	0.547%
2	10.451	1245	1252	1257	rBV	184171	300215	11.01%	0.925%
3	14.039	1859	1862	1877	rVV	77870	119941	4.40%	0.369%
4	14.321	1900	1910	1916	rBV2	285890	432849	15.87%	1.333%
5	15.368	2083	2088	2101	rVB2	61564	109062	4.00%	0.336%
6	16.051	2197	2204	2210	rVV4	62107	127365	4.67%	0.392%
7	16.374	2251	2259	2264	rVV3	45773	113642	4.17%	0.350%
8	16.427	2264	2268	2273	rVV2	46835	79228	2.90%	0.244%
9	16.645	2302	2305	2314	rVV3	32401	74923	2.75%	0.231%
10	16.727	2315	2319	2325	rVV3	55632	92851	3.40%	0.286%
11	16.886	2342	2346	2356	rVB	90096	149112	5.47%	0.459%
12	17.074	2372	2378	2381	rBV	355969	528340	19.37%	1.627%
13	17.115	2381	2385	2390	rVV	877651	1219463	44.70%	3.755%
14	17.204	2396	2400	2405	rVB	213122	291656	10.69%	0.898%
15	17.262	2405	2410	2415	rBV2	43254	92051	3.37%	0.283%
16	17.480	2442	2447	2452	rBV	65271	109728	4.02%	0.338%
17	17.651	2469	2476	2485	rVB	132483	207084	7.59%	0.638%
18	17.792	2496	2500	2507	rVB	70848	130818	4.80%	0.403%
19	17.945	2518	2526	2531	rBV	323253	514030	18.84%	1.583%
20	17.998	2531	2535	2541	rVB	414037	584624	21.43%	1.800%
21	18.074	2541	2548	2553	rBV2	98454	170995	6.27%	0.527%
22	18.139	2553	2559	2563	rBV2	380097	659392	24.17%	2.031%
23	18.180	2563	2566	2575	rVB	249904	345069	12.65%	1.063%
24	18.262	2575	2580	2583	rBV3	65375	84294	3.09%	0.260%
25	18.351	2590	2595	2598	rVB2	76742	107202	3.93%	0.330%
26	18.451	2607	2612	2616	rBV2	184237	263255	9.65%	0.811%
27	18.498	2616	2620	2630	rVB2	202826	366112	13.42%	1.127%
28	18.674	2646	2650	2651	rBV	69166	87476	3.21%	0.269%
29	18.698	2651	2654	2658	rVB	105507	131904	4.84%	0.406%
30	18.751	2659	2663	2667	rBV	187811	229970	8.43%	0.708%
31	18.792	2667	2670	2674	rVB	166380	206738	7.58%	0.637%
32	18.874	2674	2684	2689	rBV	437337	799556	29.31%	2.462%
33	18.933	2689	2694	2698	rVB2	122293	195788	7.18%	0.603%
34	18.968	2698	2700	2703	rVB	117318	109477	4.01%	0.337%

LSC Area Percent Report

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Data File : BM004044.D
Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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	2703	2708	2714	rBV3	171339	366366	13.43%	1.128%
36	19.068	2714	2717	2722	rVB	79006	113247	4.15%	0.349%
37	19.145	2723	2730	2735	rVB	1319208	1873337	68.68%	5.769%
38	19.203	2735	2740	2743	rBV	116107	173299	6.35%	0.534%
39	19.239	2743	2746	2750	rVB	92979	113496	4.16%	0.350%
40	19.286	2750	2754	2759	rBV3	101091	164314	6.02%	0.506%
41	19.386	2767	2771	2774	rBV2	127025	158611	5.81%	0.488%
42	19.421	2774	2777	2781	rVB2	60014	77166	2.83%	0.238%
43	19.509	2781	2792	2800	rBV	1543521	2727818	100.00%	8.400%
44	19.586	2800	2805	2809	rBV2	236738	362811	13.30%	1.117%
45	19.674	2810	2820	2822	rBV5	88381	214248	7.85%	0.660%
46	19.739	2828	2831	2838	rVB4	136699	242581	8.89%	0.747%
47	19.833	2841	2847	2848	rBV2	208187	310502	11.38%	0.956%
48	19.921	2858	2862	2865	rVB4	73587	103615	3.80%	0.319%
49	20.003	2872	2876	2882	rVB2	468275	699991	25.66%	2.156%
50	20.103	2890	2893	2899	rVV	181802	278098	10.19%	0.856%
51	20.162	2899	2903	2908	rVV	315282	479997	17.60%	1.478%
52	20.203	2908	2910	2915	rVB5	75552	98910	3.63%	0.305%
53	20.280	2915	2923	2925	rBV3	222149	346251	12.69%	1.066%
54	20.303	2925	2927	2930	rVV	244450	283740	10.40%	0.874%
55	20.350	2932	2935	2939	rVB2	217349	264444	9.69%	0.814%
56	20.386	2939	2941	2946	rVB3	79971	96280	3.53%	0.296%
57	20.433	2946	2949	2953	rBV3	62159	98541	3.61%	0.303%
58	20.468	2953	2955	2959	rVB2	61228	76623	2.81%	0.236%
59	20.568	2968	2972	2974	rBV3	165036	231425	8.48%	0.713%
60	20.597	2974	2977	2980	rVB2	149435	169792	6.22%	0.523%
61	20.750	2999	3003	3010	rVB	211841	411542	15.09%	1.267%
62	20.845	3016	3019	3024	rVB	100292	127011	4.66%	0.391%
63	20.927	3024	3033	3036	rBV3	260100	555875	20.38%	1.712%
64	20.962	3036	3039	3042	rVV	153137	183032	6.71%	0.564%
65	21.009	3042	3047	3051	rVV2	161682	307311	11.27%	0.946%
66	21.062	3053	3056	3061	rVB2	138195	221941	8.14%	0.683%
67	21.162	3070	3073	3081	rVB2	69075	101203	3.71%	0.312%
68	21.268	3085	3091	3095	rBV2	836270	1604020	58.80%	4.940%
69	21.315	3095	3099	3108	rVB	821917	1307865	47.95%	4.028%
70	21.392	3109	3112	3116	rBV2	100997	135930	4.98%	0.419%
71	21.433	3116	3119	3124	rBV	96641	159501	5.85%	0.491%

LSC Area Percent Report

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Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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	21.486	3125	3128	3136	rVB7	72871	170045	6.23%	0.524%
73	21.609	3142	3149	3152	rBV4	115058	257245	9.43%	0.792%
74	21.739	3165	3171	3174	rBV4	66935	127622	4.68%	0.393%
75	21.774	3174	3177	3180	rVV	68997	83981	3.08%	0.259%
76	21.827	3180	3186	3190	rVV	267380	494770	18.14%	1.524%
77	21.880	3192	3195	3201	rVB	149659	208502	7.64%	0.642%
78	22.027	3216	3220	3223	rBV	140964	205893	7.55%	0.634%
79	22.127	3232	3237	3242	rVB2	99431	159506	5.85%	0.491%
80	22.339	3265	3273	3283	rVB4	79220	316750	11.61%	0.975%
81	22.480	3294	3297	3303	rVB	99446	153584	5.63%	0.473%
82	22.597	3312	3317	3322	rBV4	65422	133142	4.88%	0.410%
83	22.850	3354	3360	3365	rBV	435053	985998	36.15%	3.036%
84	23.015	3384	3388	3394	rVB	88741	145329	5.33%	0.448%
85	23.150	3407	3411	3418	rBV5	38907	75921	2.78%	0.234%
86	23.327	3435	3441	3447	rBV	339949	619698	22.72%	1.908%
87	23.421	3451	3457	3464	rVB	477493	871666	31.95%	2.684%
88	23.515	3467	3473	3478	rVV	230923	457824	16.78%	1.410%
89	23.568	3478	3482	3490	rVB3	139490	295788	10.84%	0.911%
90	24.003	3551	3556	3561	rBV3	52678	114726	4.21%	0.353%
91	24.062	3561	3566	3575	rVB2	66374	149491	5.48%	0.460%
92	24.174	3580	3585	3592	rBV3	37595	86375	3.17%	0.266%
93	24.250	3593	3598	3604	rBV3	47156	108455	3.98%	0.334%
94	24.385	3616	3621	3634	rVB4	77128	221730	8.13%	0.683%
95	25.532	3810	3816	3823	rVB2	33652	76667	2.81%	0.236%
96	25.768	3847	3856	3867	rVB	229934	659984	24.19%	2.032%
97	26.027	3893	3900	3907	rBV	40152	103047	3.78%	0.317%
98	26.121	3909	3916	3921	rBV	34348	93943	3.44%	0.289%
99	26.462	3964	3974	3987	rBV	153688	483278	17.72%	1.488%
100	26.821	4030	4035	4050	rVB3	43642	159668	5.85%	0.492%

Sum of corrected areas: 32473178

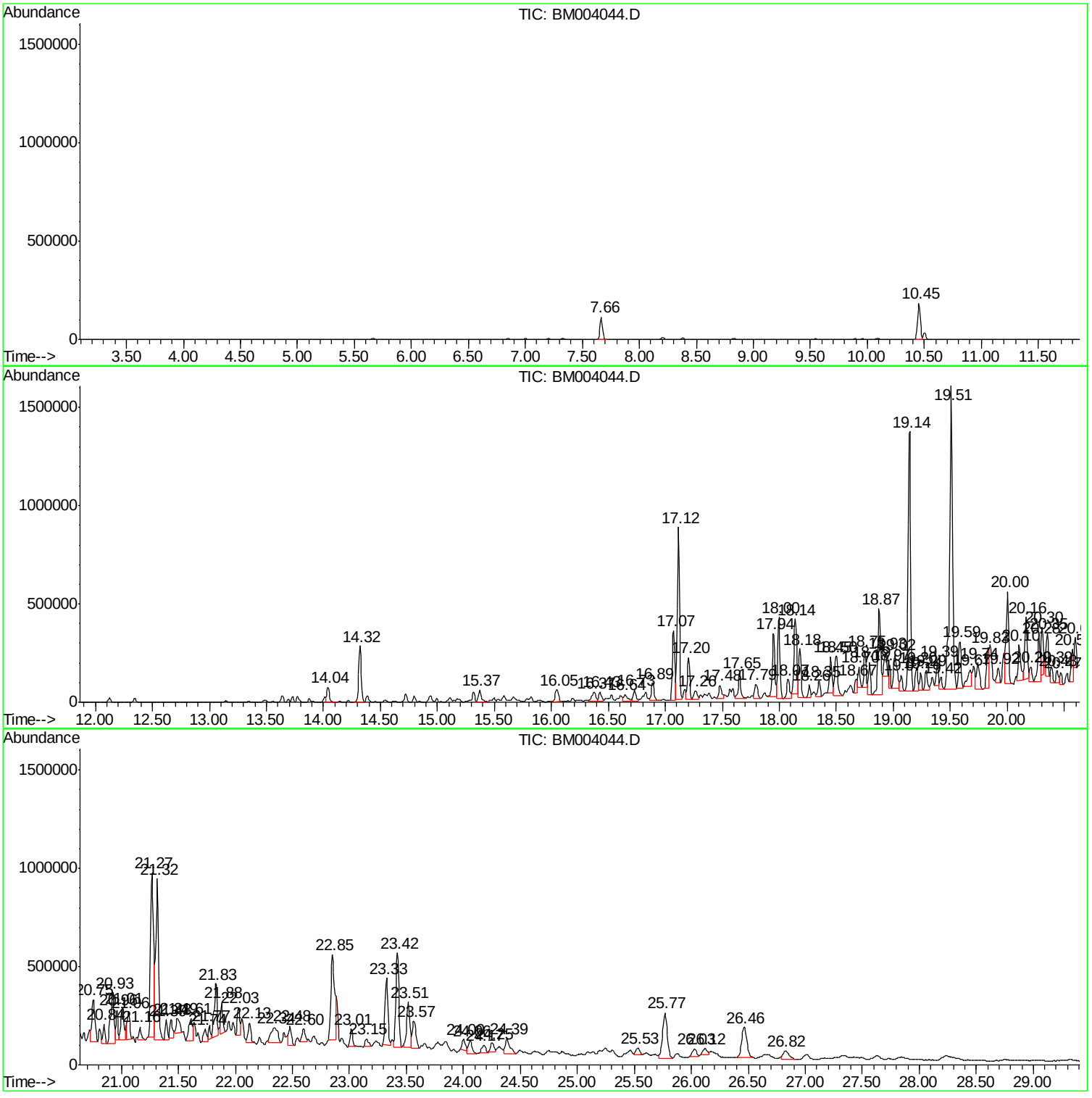
LSC Report - Integrated Chromatogram

Data Path : V:\HPCHEM1\BNA M\Data\BM011616\
Data File : BM004044.D
Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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



Library Search Compound Report

Data Path : V:\HPCHEM1\BNA M\Data\BM011616\
Data File : BM004044.D
Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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

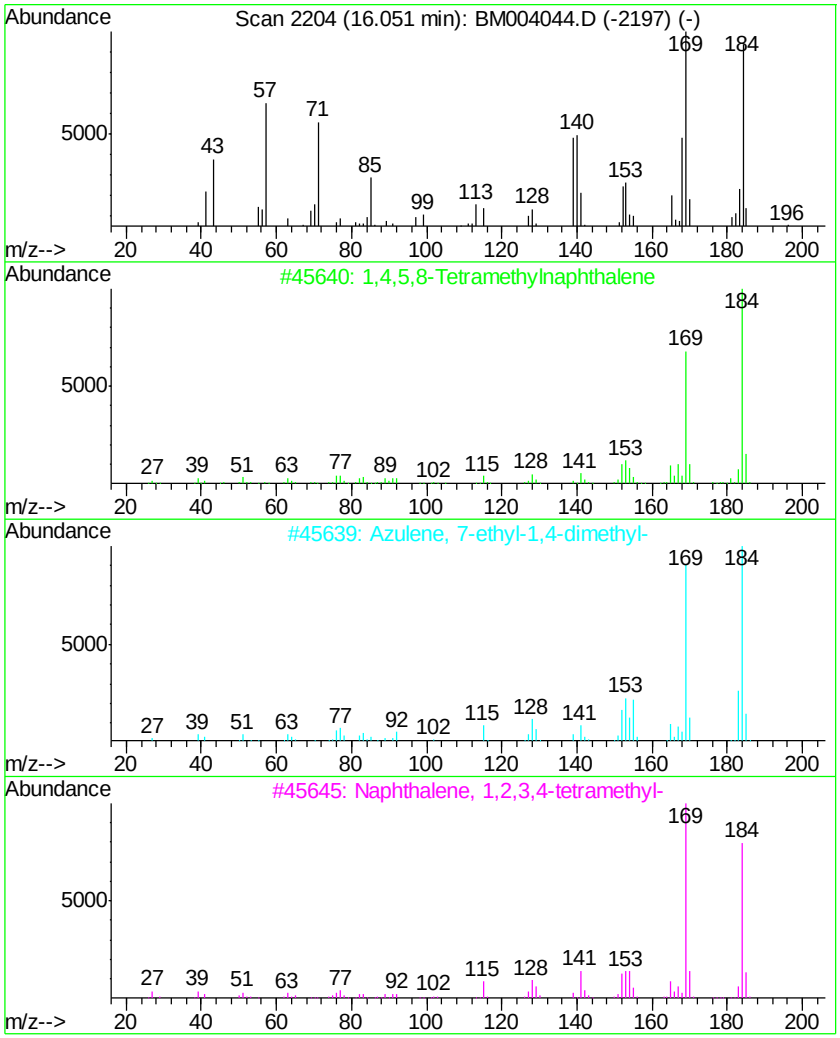
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

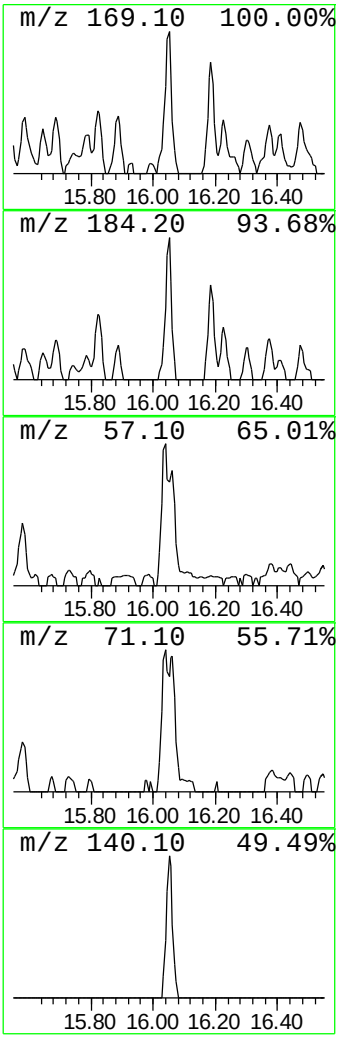
****

Peak Number 1 1,4,5,8-Tetramethylnaphthalene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	4.82 ng/ul	127365	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	64
2	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	60
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	55
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	49
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	49





Library Search Compound Report

Data Path : V:\HPCHEM1\BNA M\Data\BM011616\
Data File : BM004044.D
Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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

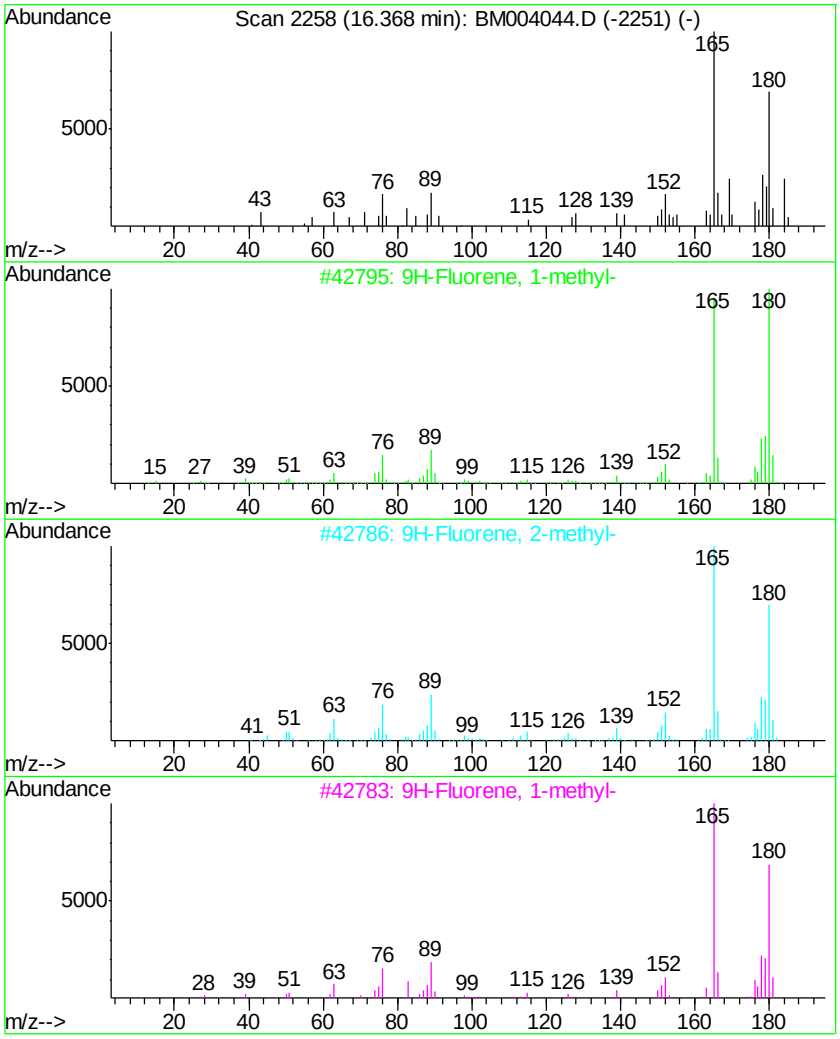
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

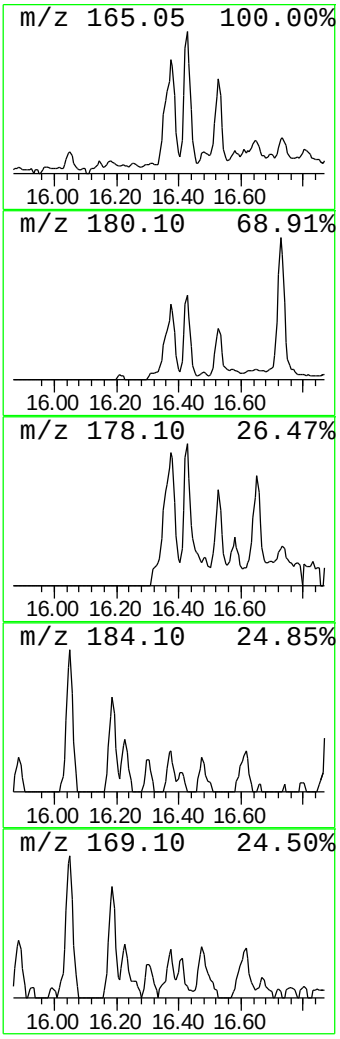
****

Peak Number 2 9H-Fluorene, 1-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	4.30 ng/ul	113642	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	78
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64





Library Search Compound Report

Data Path : V:\HPCHEM1\BNA M\Data\BM011616\
Data File : BM004044.D
Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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

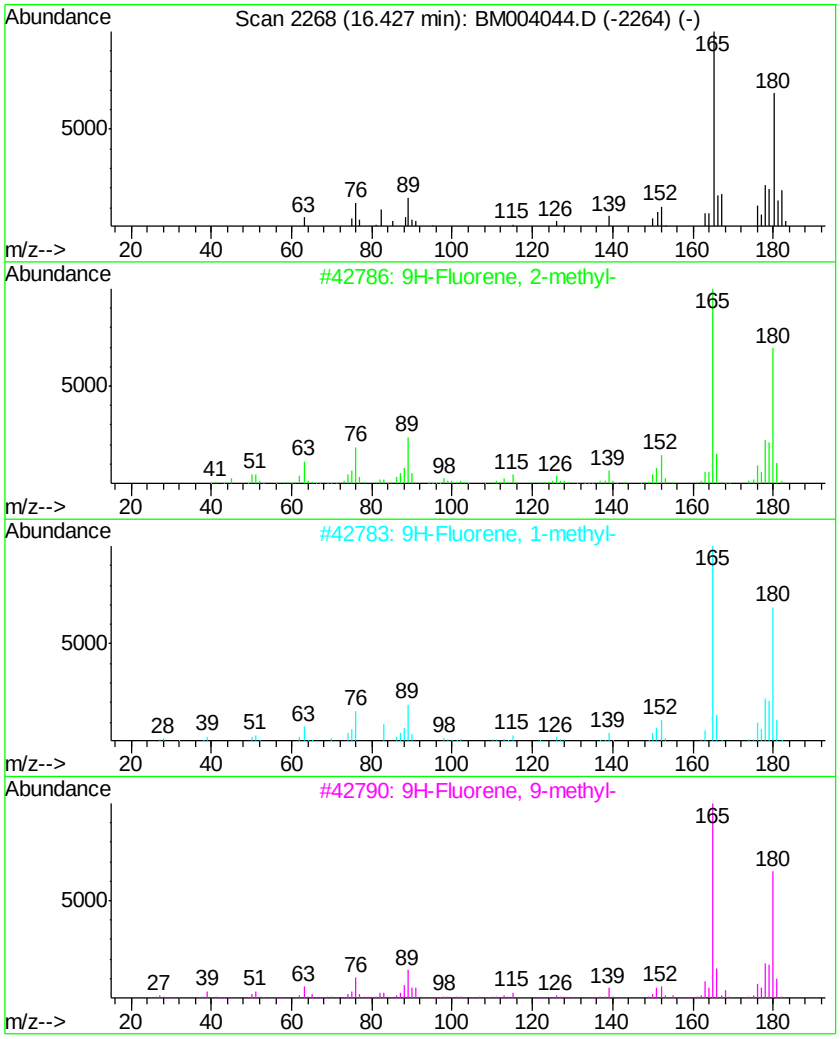
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

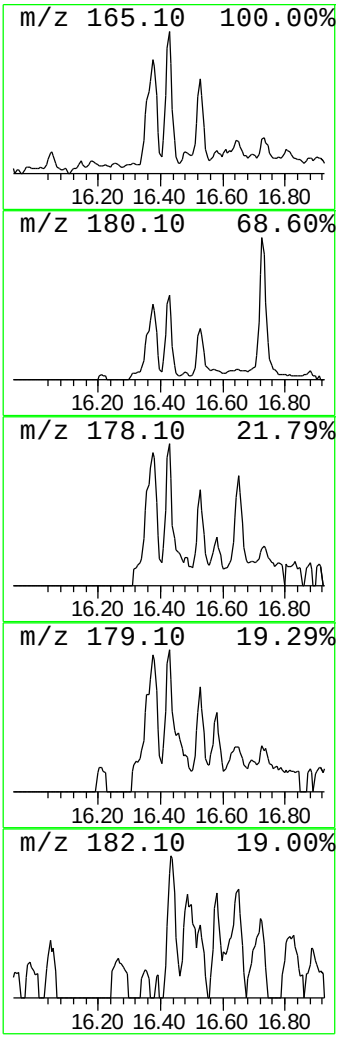
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	3.00 ng/ul	79228	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91





Library Search Compound Report

Data Path : V:\HPCHEM1\BNA M\Data\BM011616\
Data File : BM004044.D
Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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

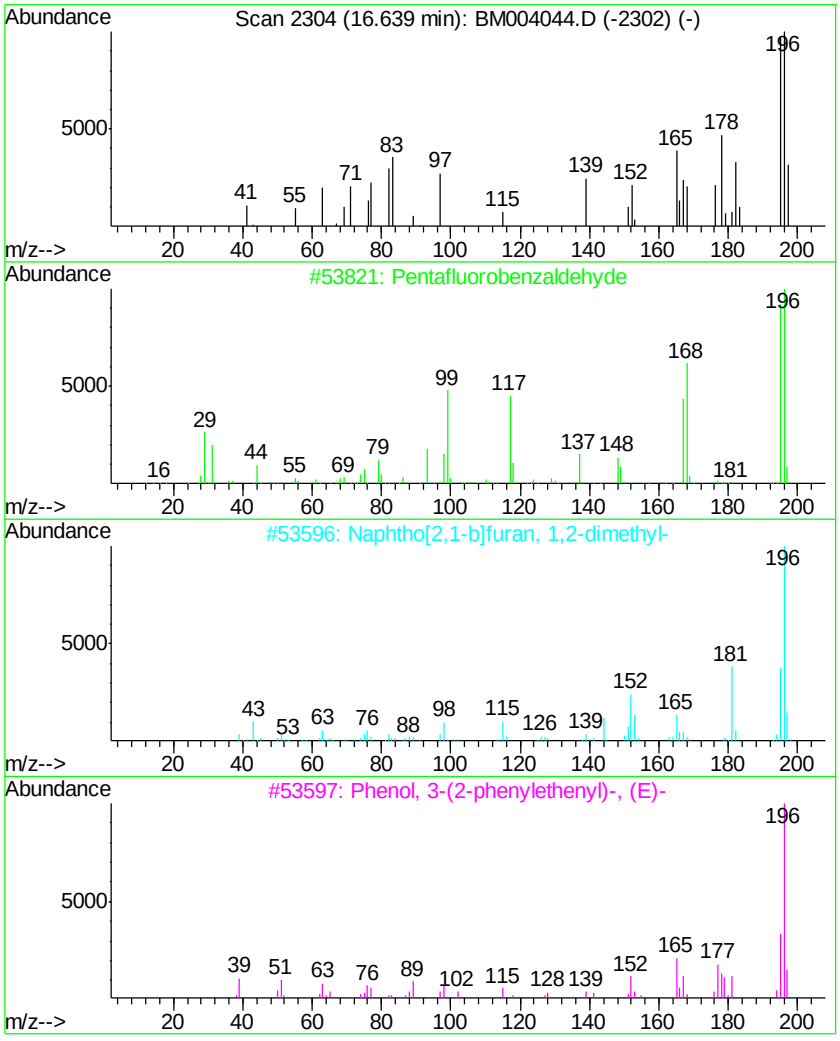
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

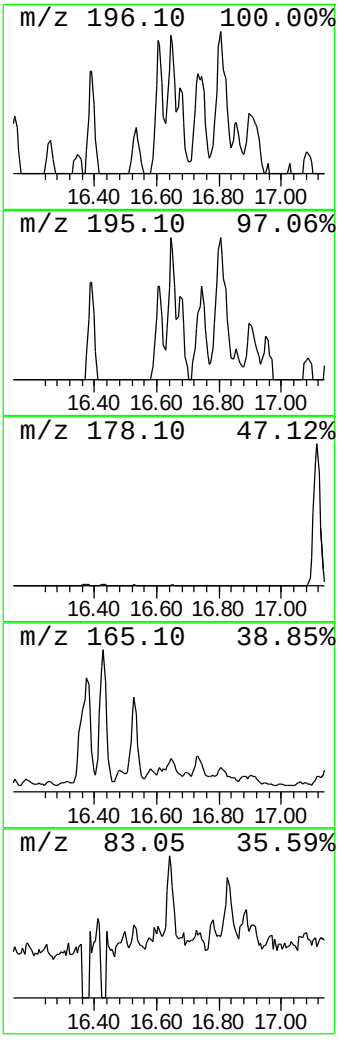
****

Peak Number 4 unknown-01 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	2.84 ng/ul	74923	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluorobenzaldehyde	196	C7HF5O	000653-37-2	37
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	35
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	35
4	Fluorenone oxime	195	C13H9NO	002157-52-0	32
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	32





Library Search Compound Report

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Data File : BM004044.D
Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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

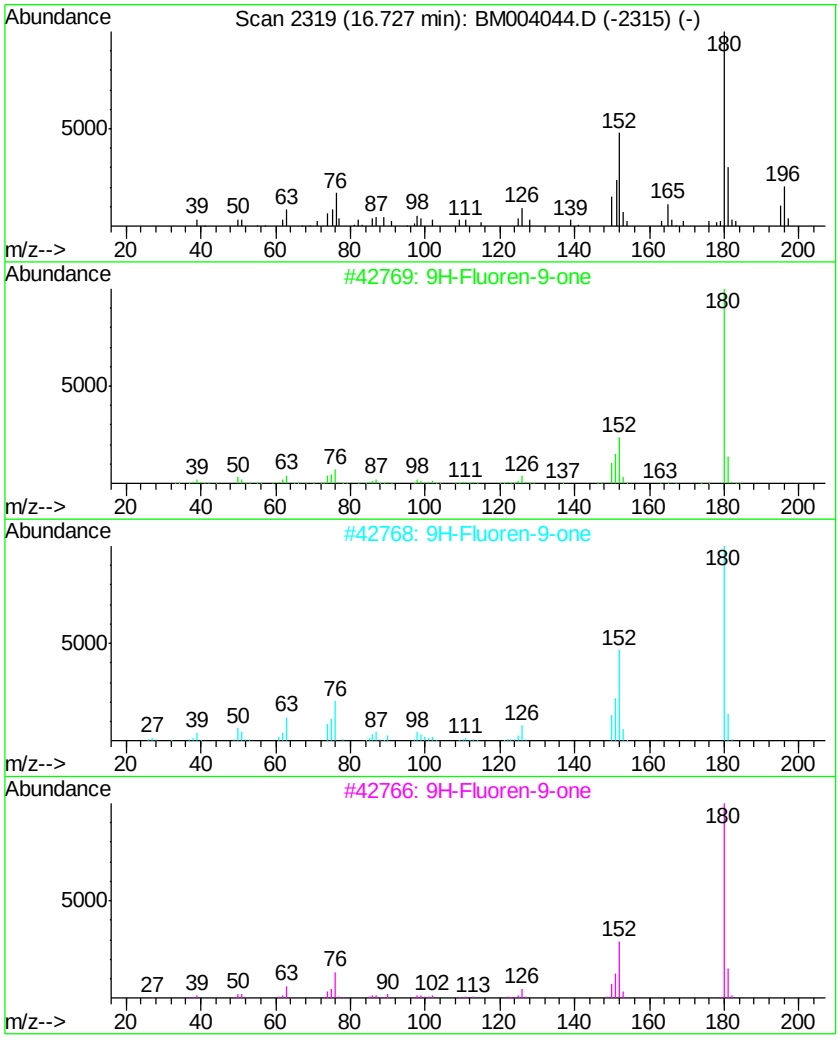
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

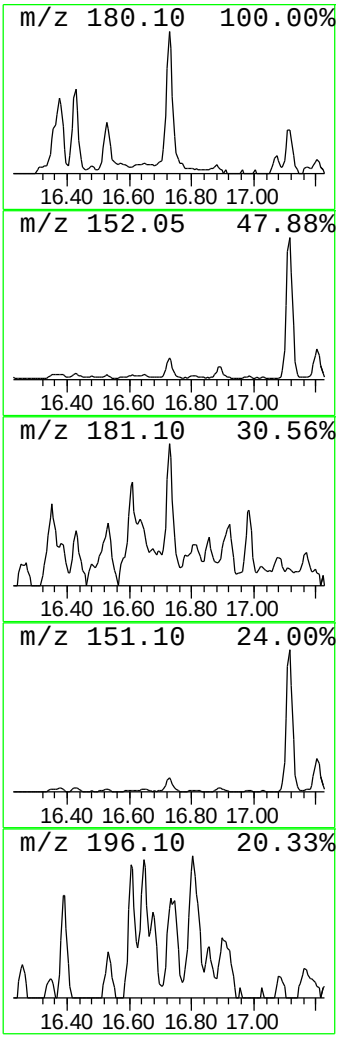
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	3.51 ng/ul	92851	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53





Library Search Compound Report

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Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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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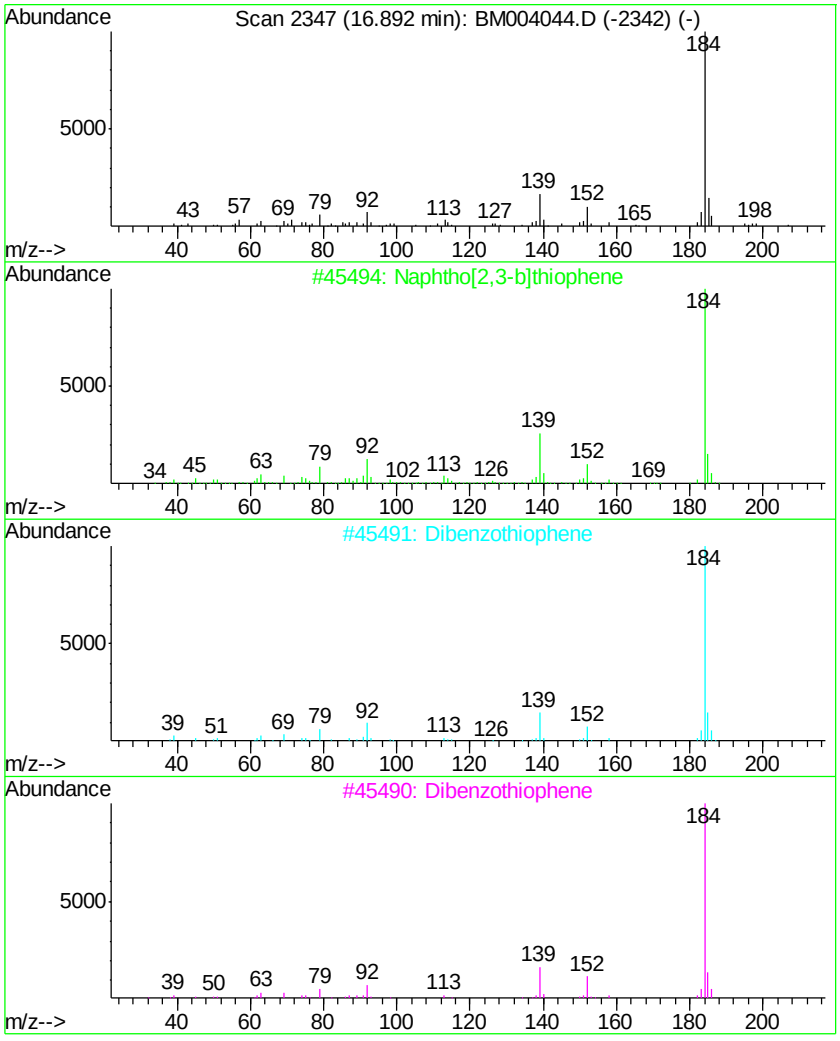
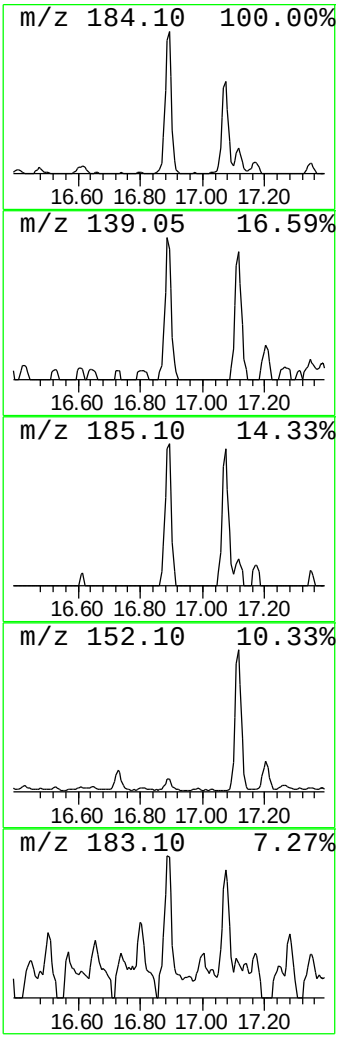
Peak Number 6 Naphtho[2,3-b]thiophene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	5.64 ng/ul	149112	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	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Library Search Compound Report

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Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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Quant Title : SVOA CALIBRATION

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

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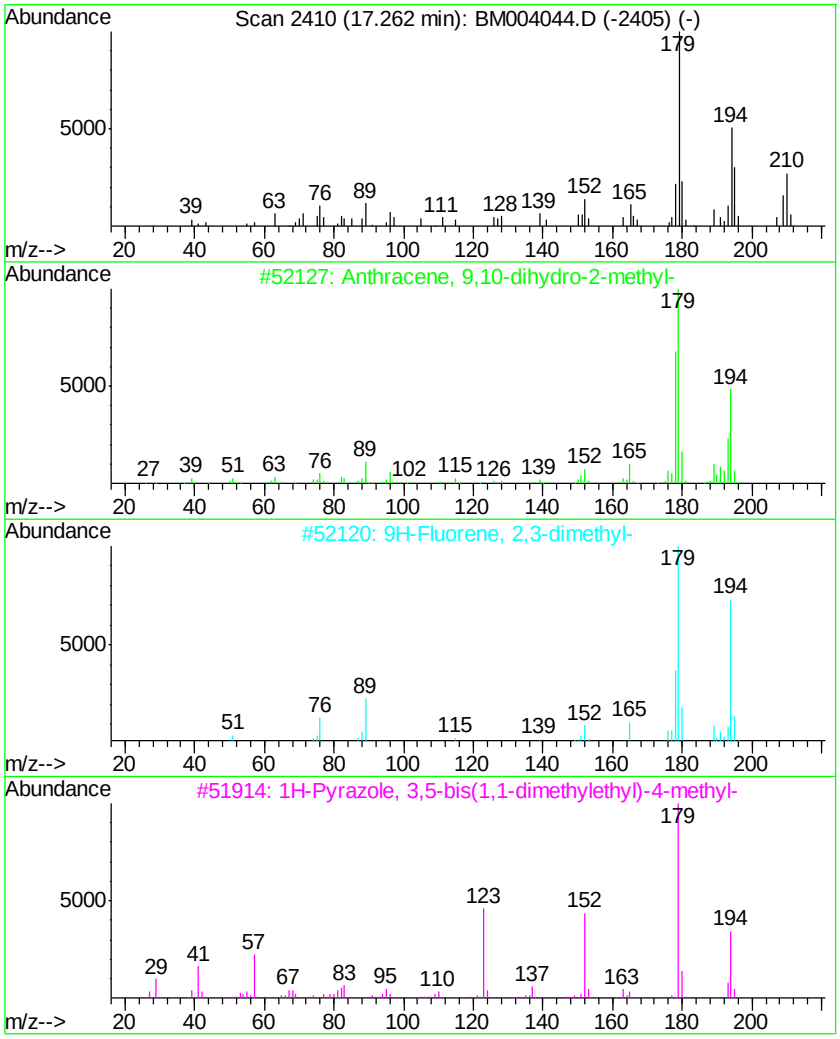
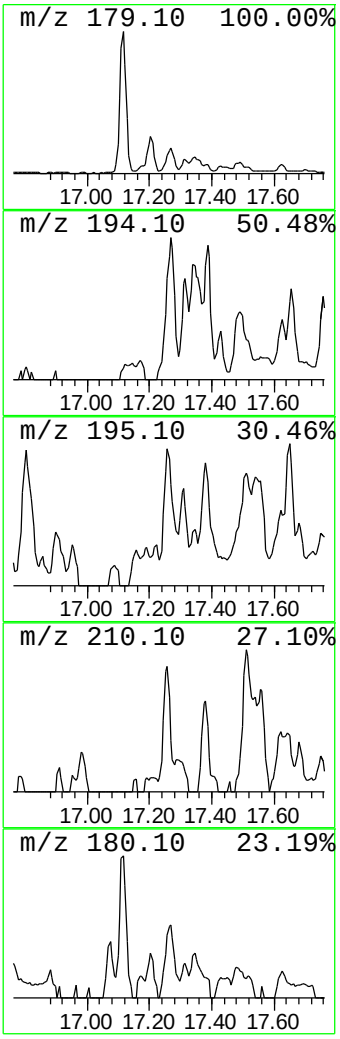
Peak Number 7 Anthracene, 9,10-dihydro-2-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	3.48 ng/ul	92051	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	64
2	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	55
3	1H-Pyrazole, 3,5-bis(1,1-dimethy...	194	C12H22N2	018712-47-5	49
4	9H-Fluorene, 1,9-dimethyl-	194	C15H14	017057-98-6	46
5	.alpha.-Methylstilbene	194	C15H14	000779-51-1	43





Library Search Compound Report

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Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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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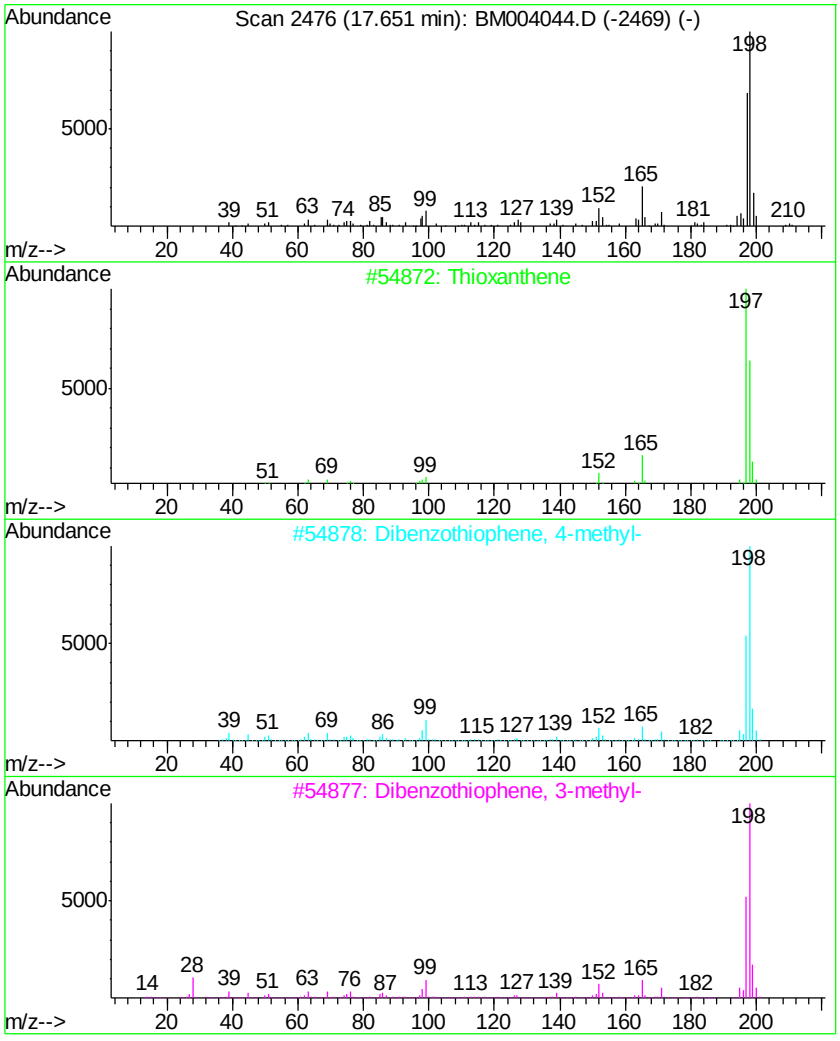
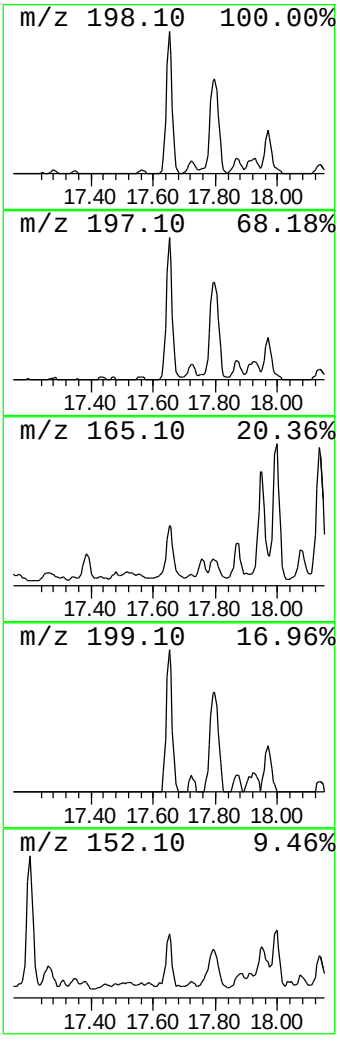
Peak Number 8 Thioxanthene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	7.84 ng/ul	207084	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thioxanthene	198	C13H10S	000261-31-4	95
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	81
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	68





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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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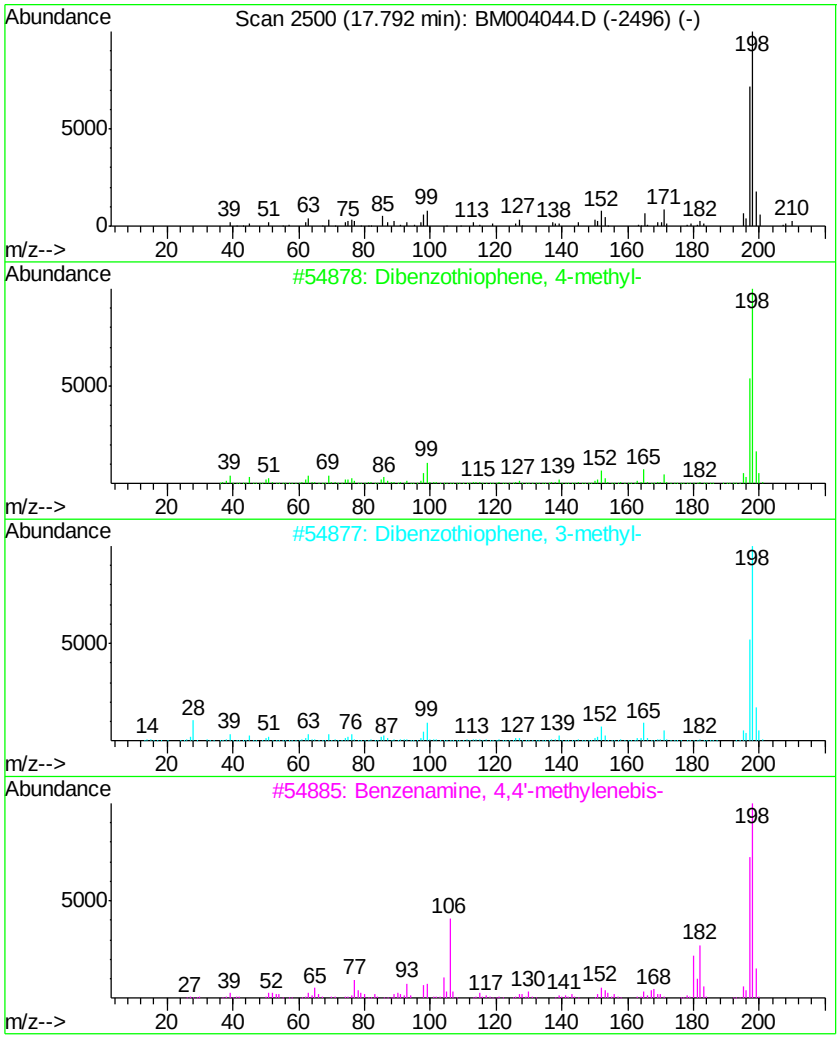
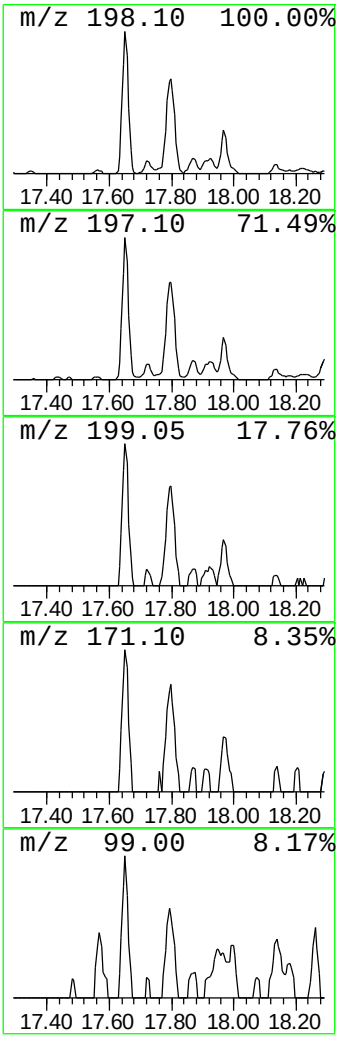
Peak Number 9 Dibenzothiophene, 4-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.95 ng/ul	130818	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	87
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	87
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	83
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72





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Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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Quant Title : SVOA CALIBRATION

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

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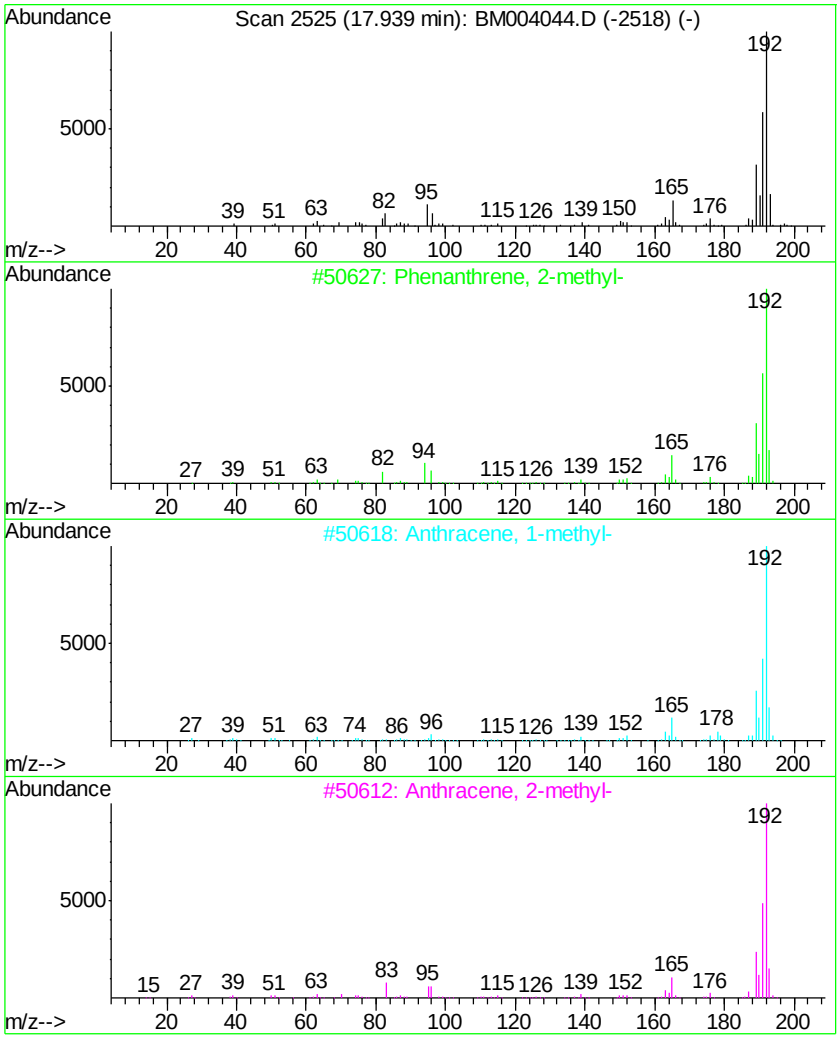
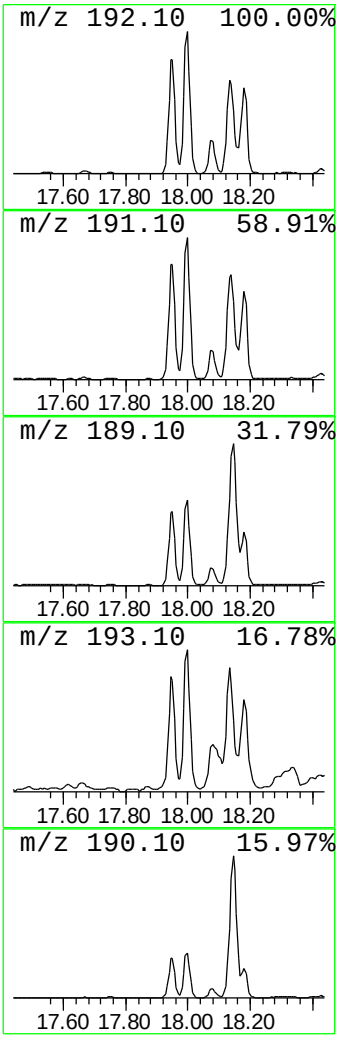
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	19.46 ng/ul	514030	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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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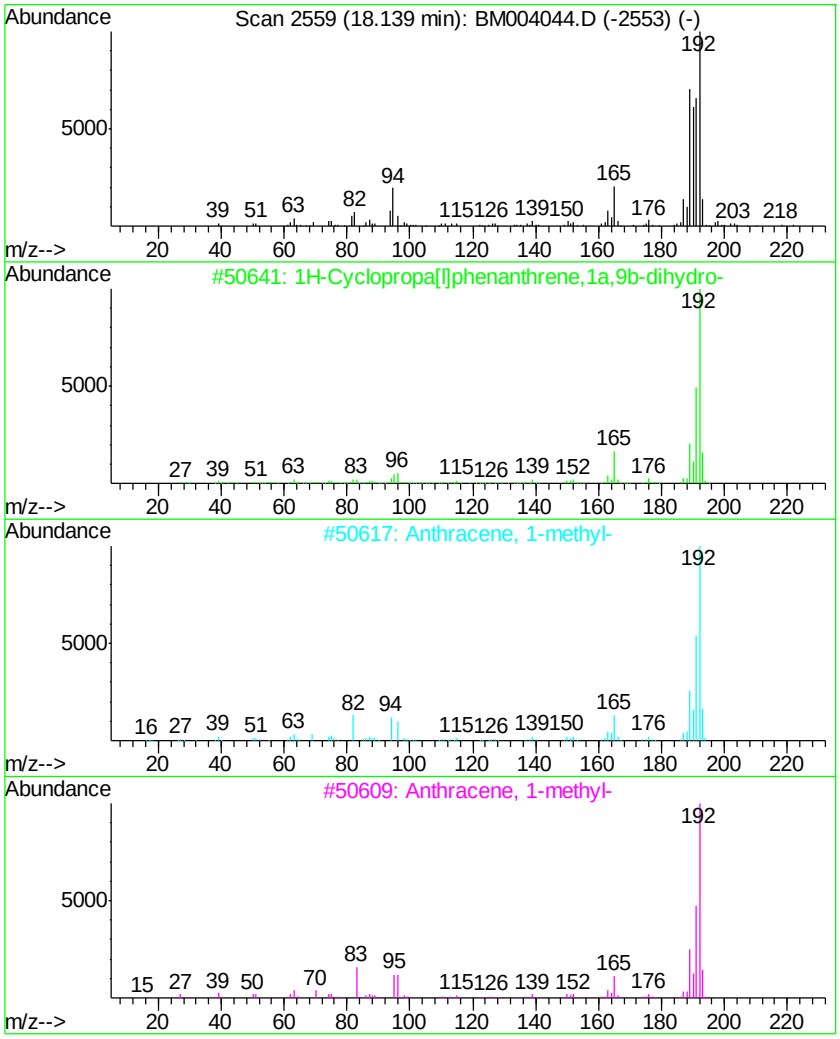
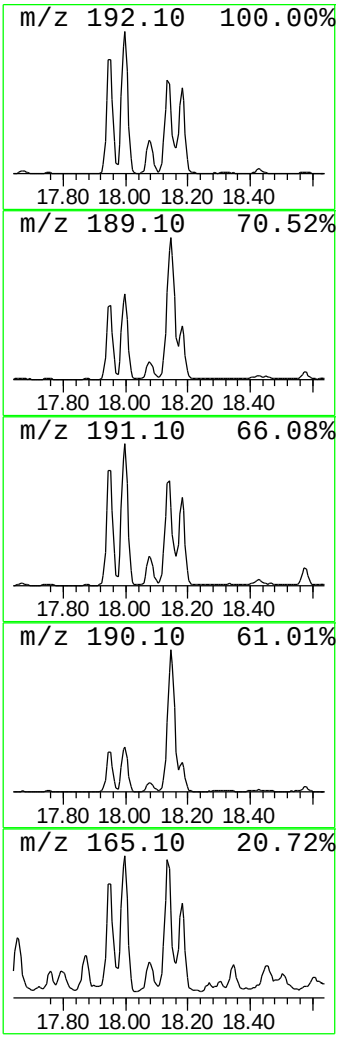
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	24.96 ng/ul	659392	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50





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Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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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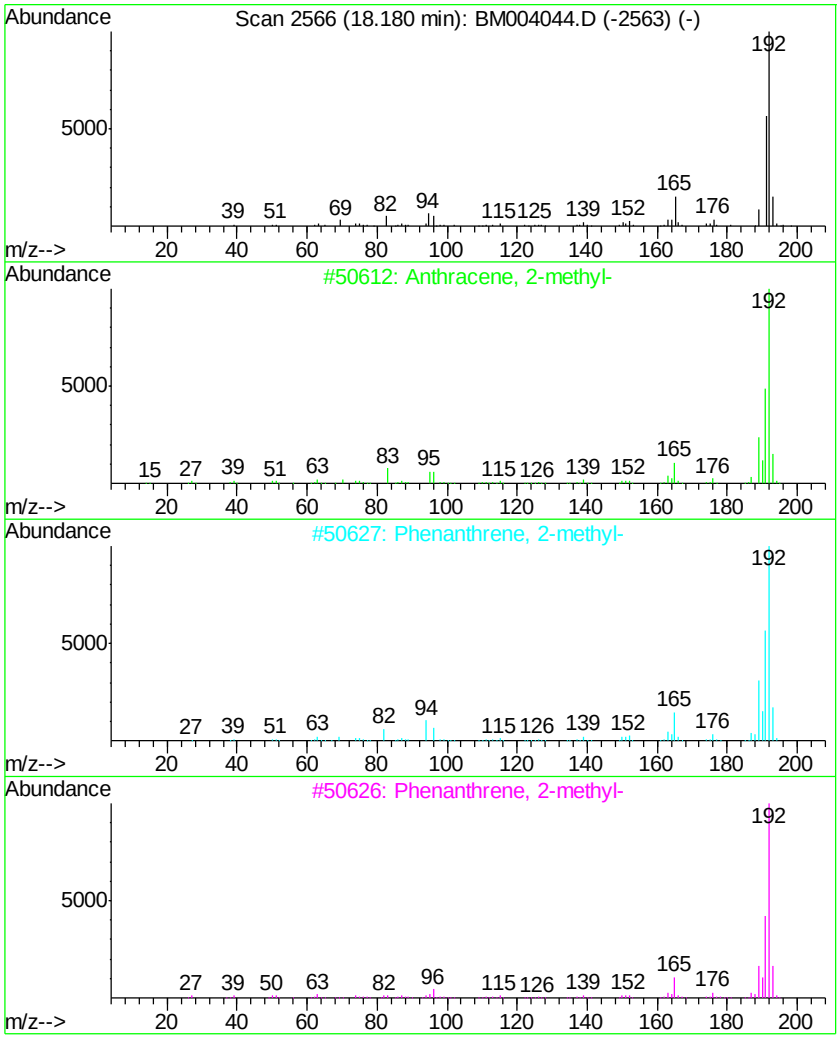
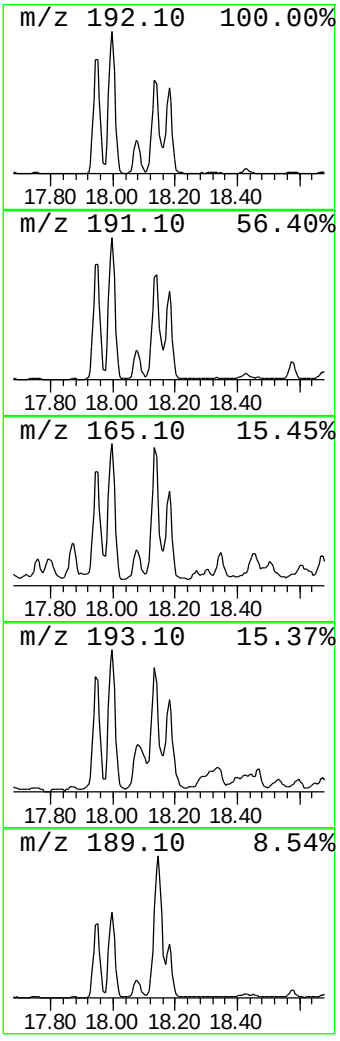
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	13.06 ng/ul	345069	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, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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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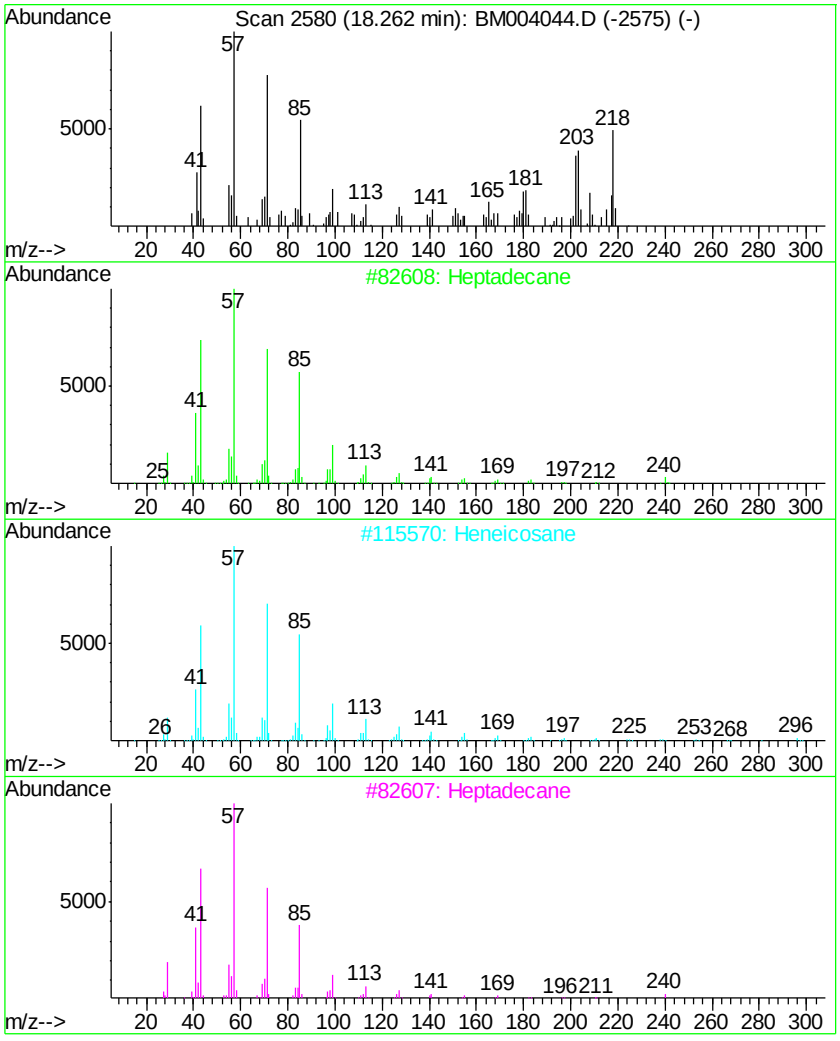
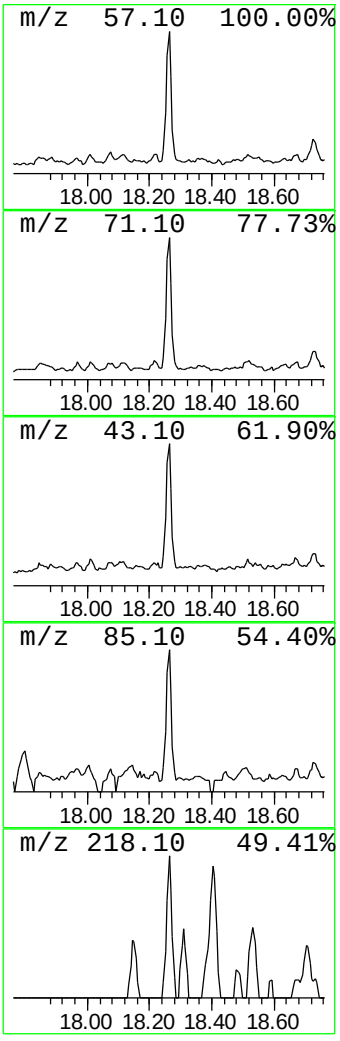
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	3.19 ng/ul	84294	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	50
2	Heneicosane	296	C21H44	000629-94-7	45
3	Heptadecane	240	C17H36	000629-78-7	45
4	Pentacosane	352	C25H52	000629-99-2	45
5	Octadecane	254	C18H38	000593-45-3	45





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Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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Quant Title : SVOA CALIBRATION

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

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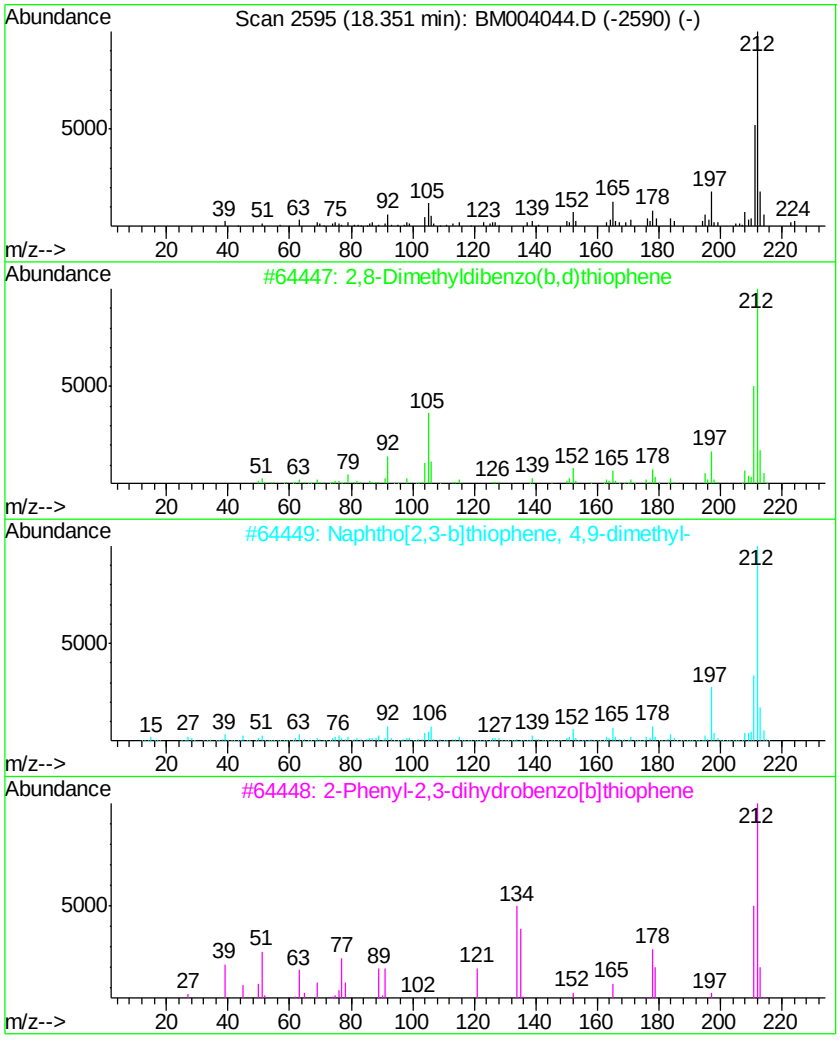
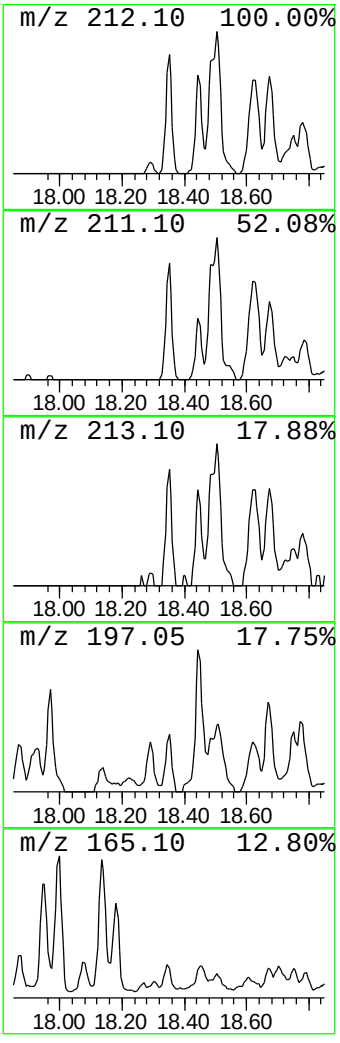
Peak Number 16 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	4.06 ng/ul	107202	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	97
2	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	76
3	2-Phenyl-2,3-dihydrobenzo[b]thio...	212	C14H12S	054493-00-4	72
4	5-Cyano-1,2,3,4-tetrahydro-6-met...	212	C13H12N2O	027036-92-6	72
5	SALICYLALDEHYDE PHENYLHYDRAZONE	212	C13H12N2O	1000243-60-1	53





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Sample : H1100-02 10X
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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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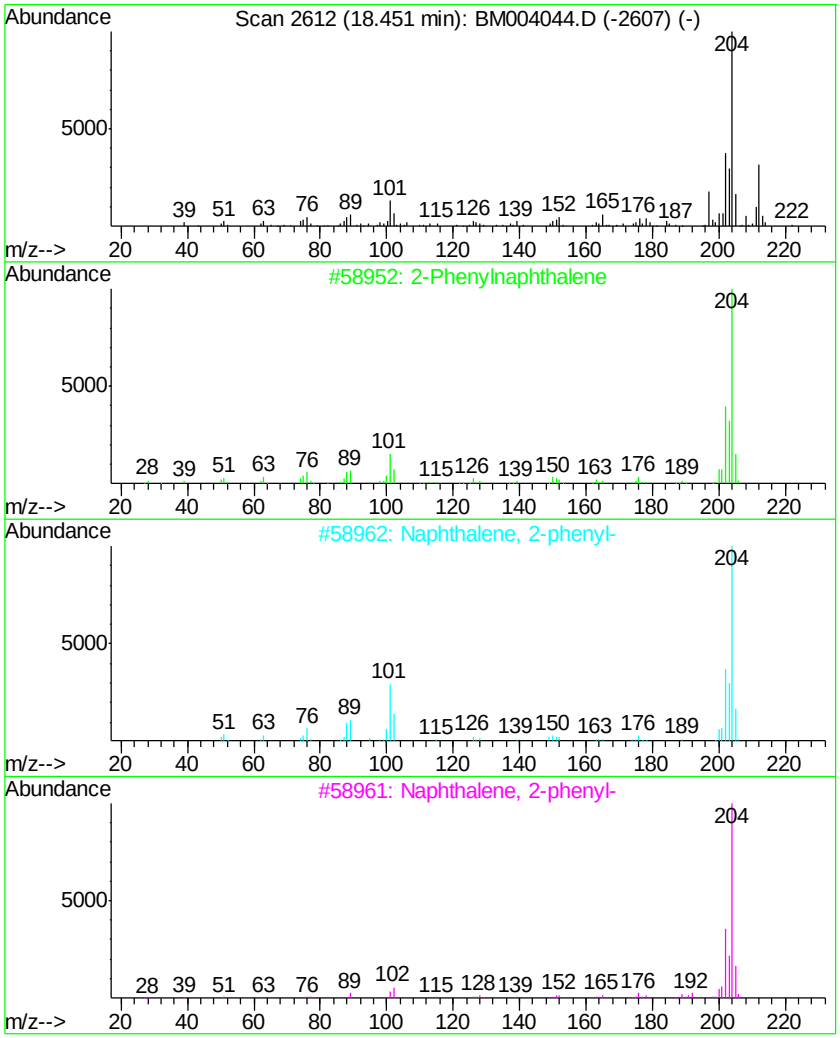
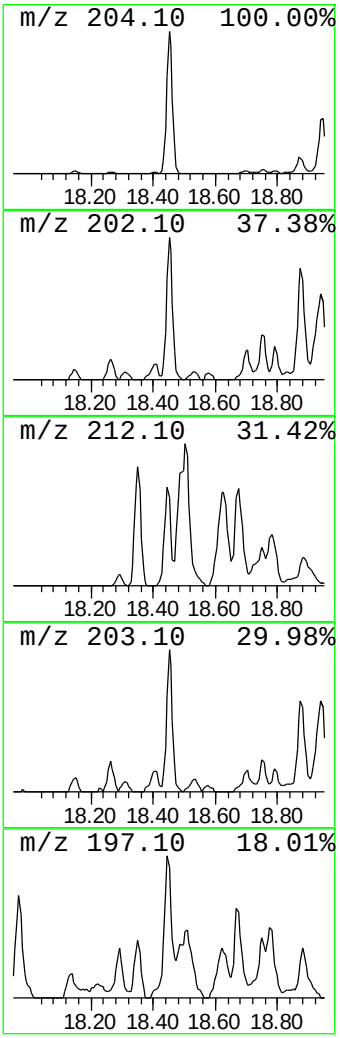
Peak Number 17 2-Phenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	9.97 ng/ul	263255	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	78
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55





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Sample : H1100-02 10X
Misc :
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ClientSampleId : BC983

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Quant Title : SVOA CALIBRATION

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

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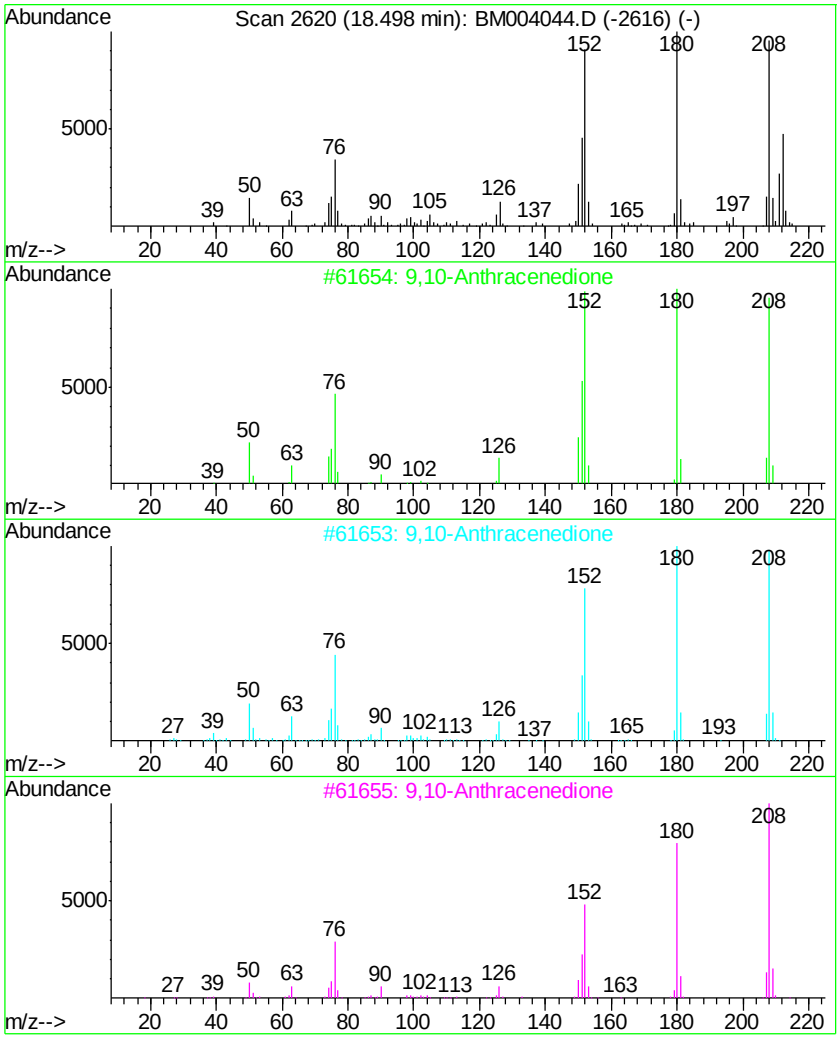
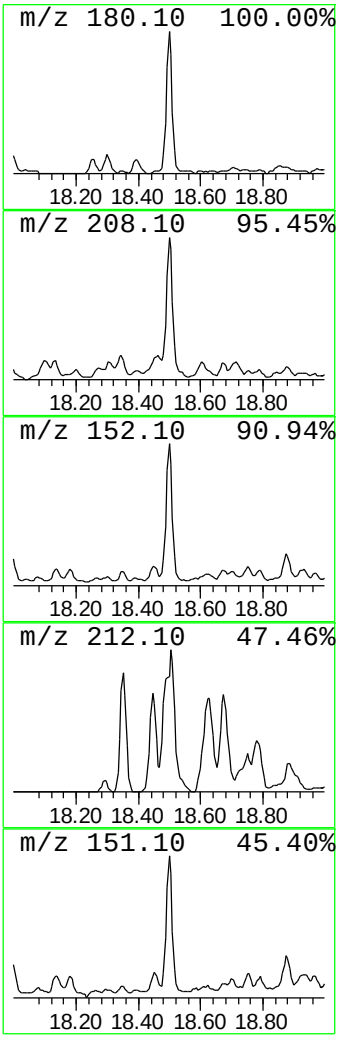
Peak Number 18 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	13.86 ng/ul	366112	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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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Quant Title : SVOA CALIBRATION

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

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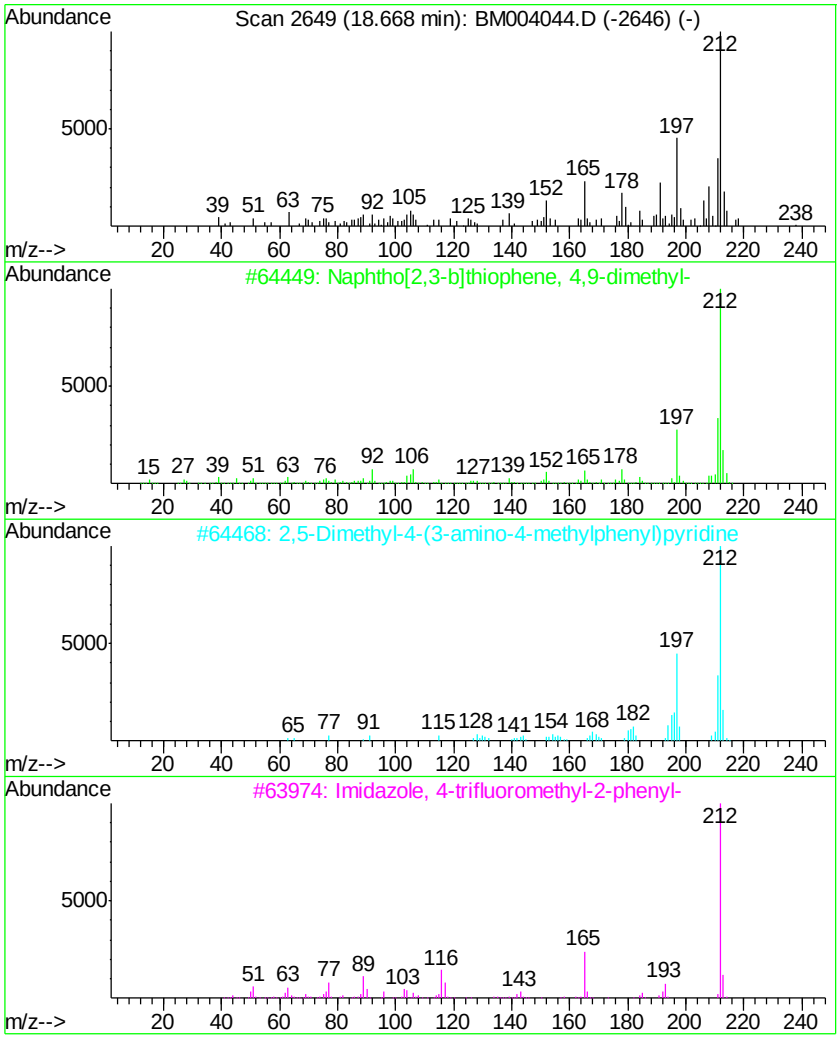
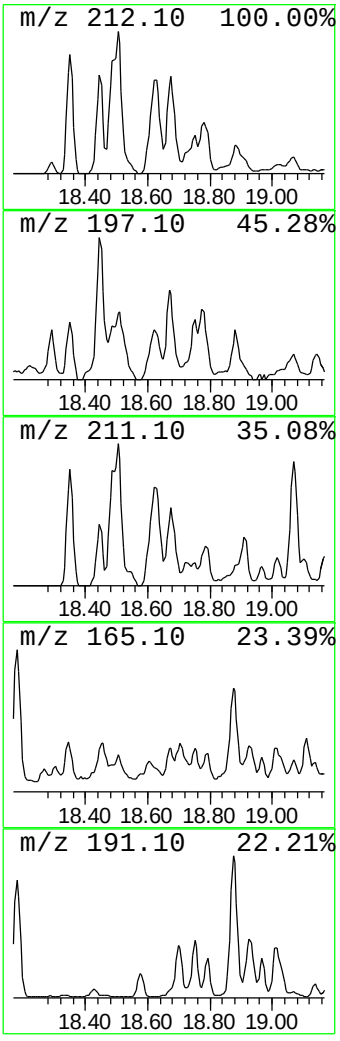
Peak Number 19 Naphtho[2,3-b]thiophene, 4,... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	3.31 ng/ul	87476	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	90
2	2,5-Dimethyl-4-(3-amino-4-methyl...	212	C14H16N2	071153-33-8	58
3	Imidazole, 4-trifluoromethyl-2-p...	212	C10H7F3N2	033469-36-2	50
4	Benzo[c]2,7-naphthiridine-4,5(3H...	212	C12H8N2O2	174565-23-2	49
5	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	49





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Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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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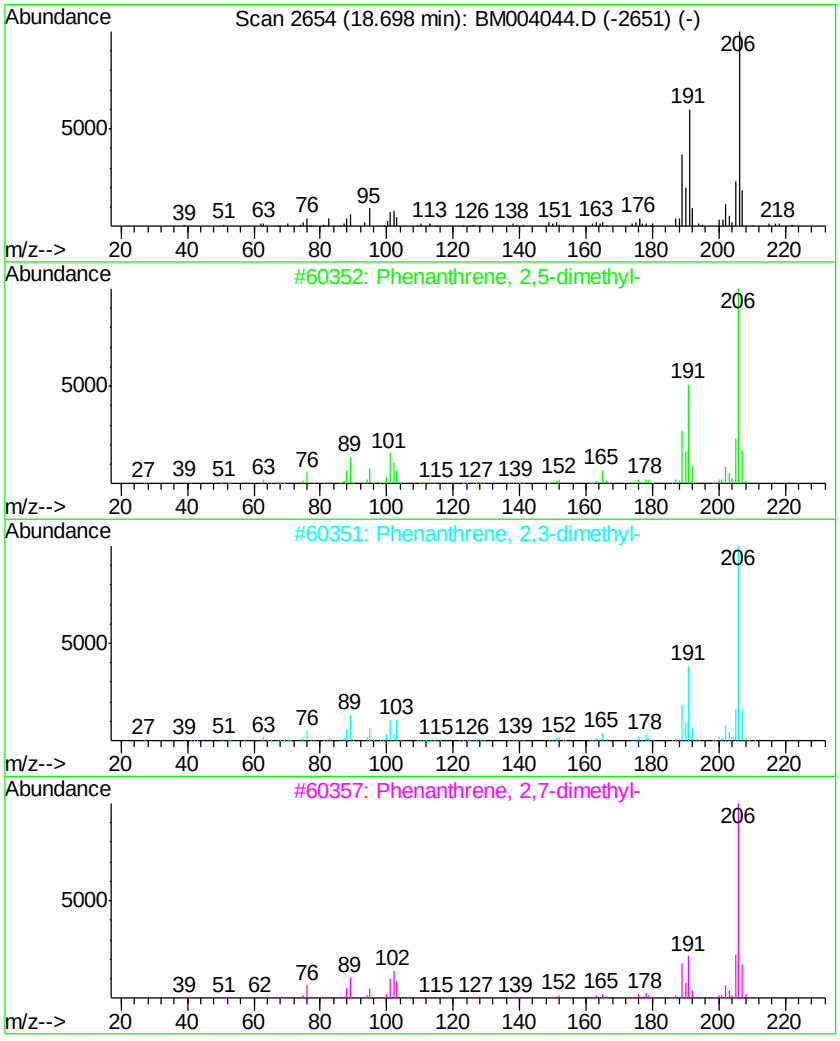
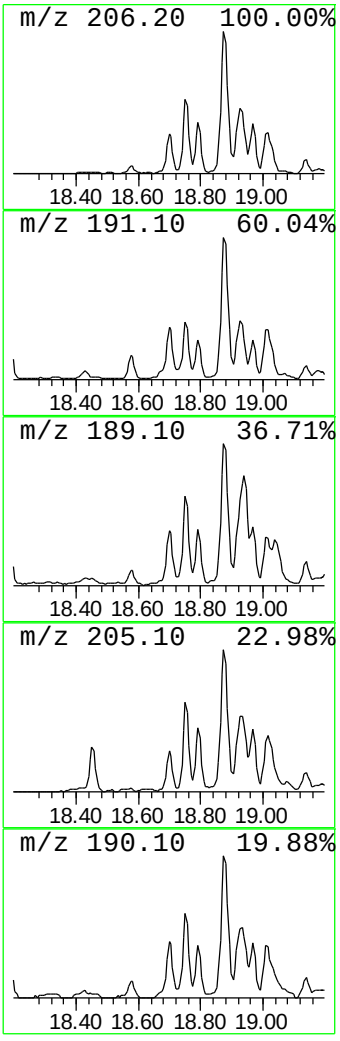
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	4.99 ng/ul	131904	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





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Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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

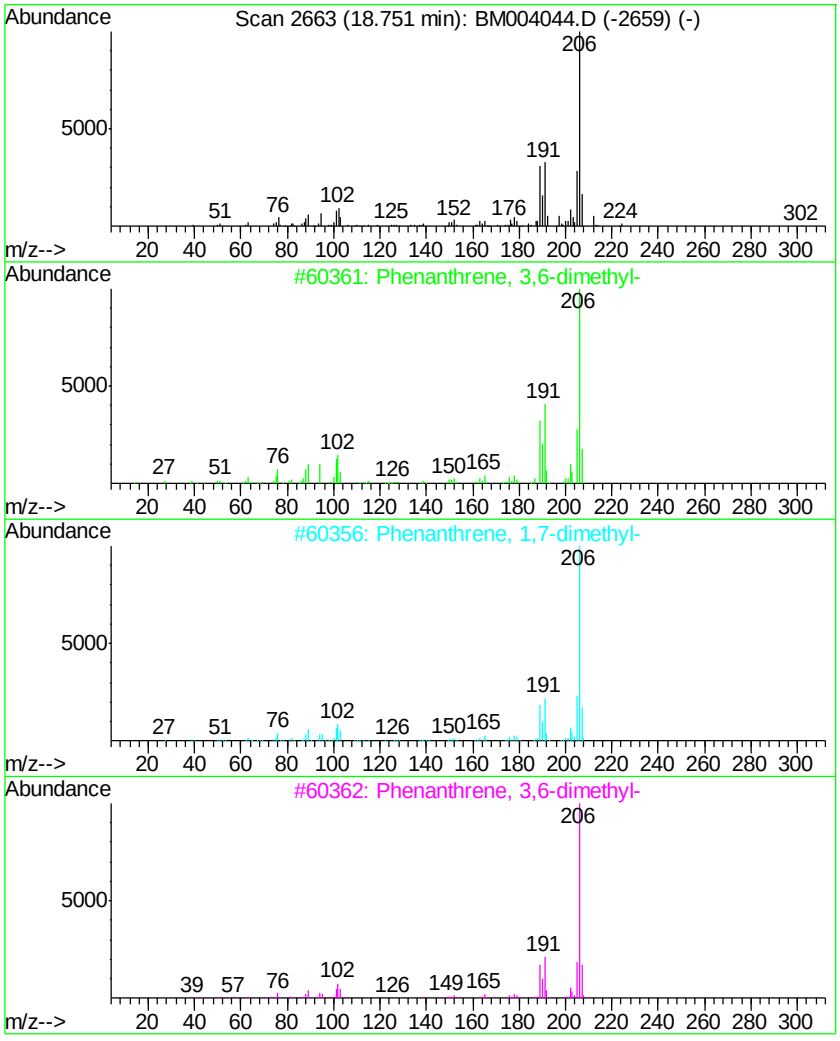
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

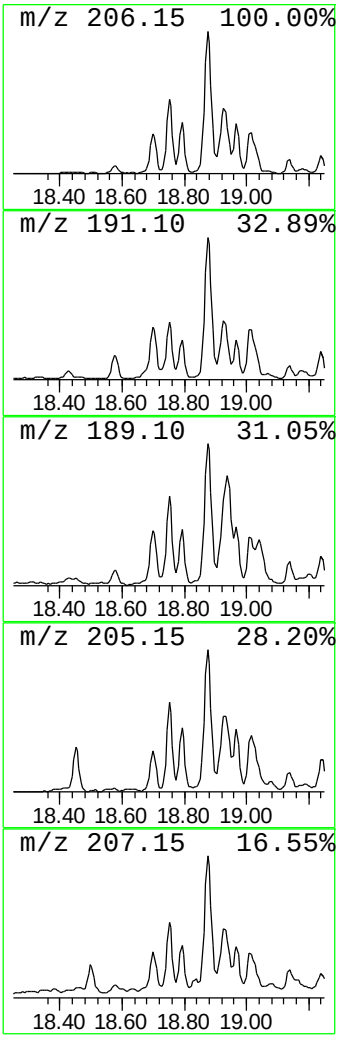
****

Peak Number 21 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	8.71 ng/ul	229970	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, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Acq On : 15 Jan 2016 12:59
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Sample : H1100-02 10X
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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Quant Title : SVOA CALIBRATION

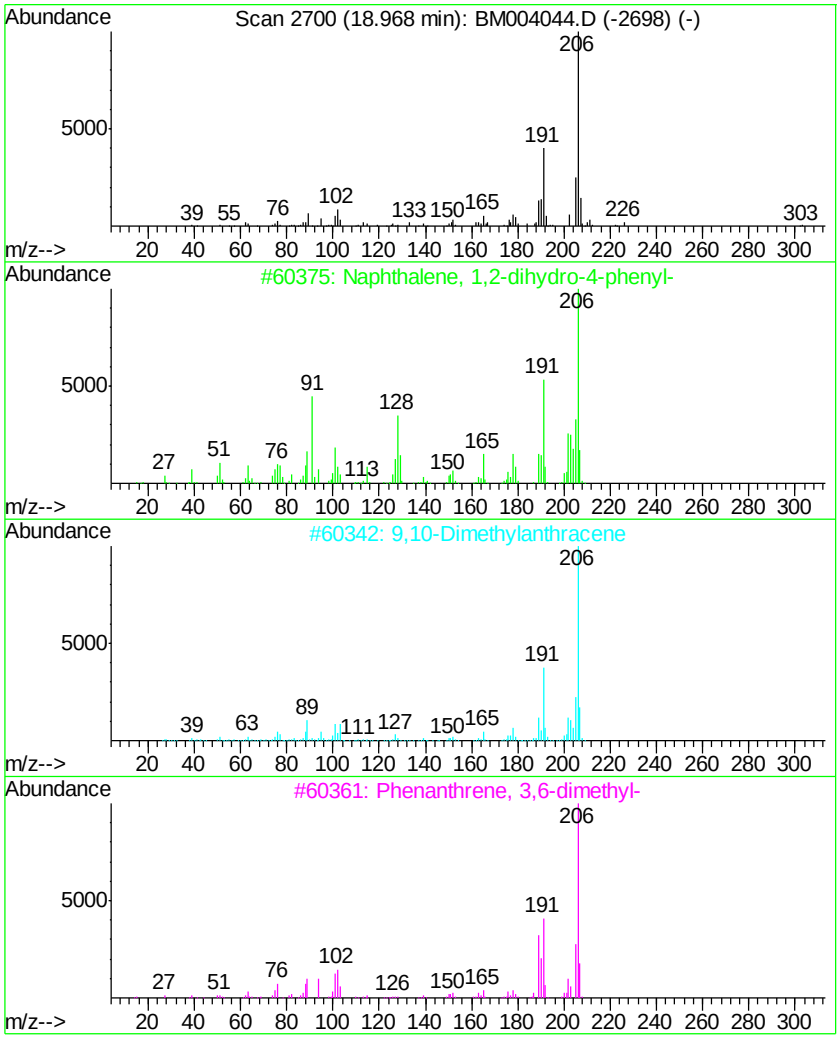
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

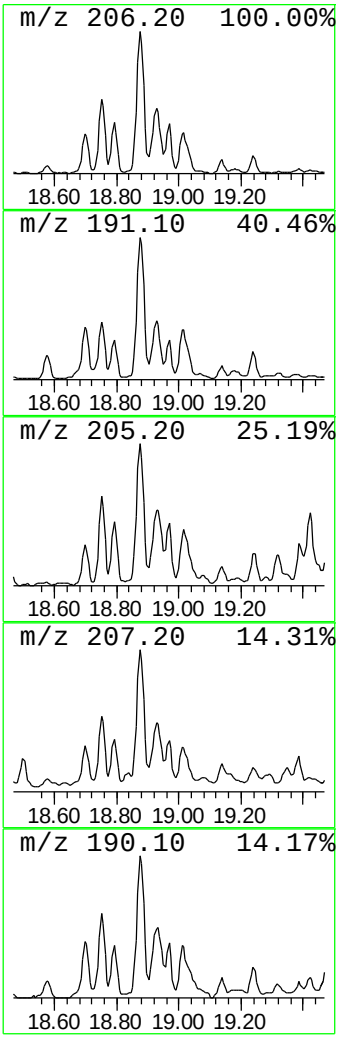
****

Peak Number 25 Naphthalene, 1,2-dihydro-4-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	4.14 ng/ul	109477	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	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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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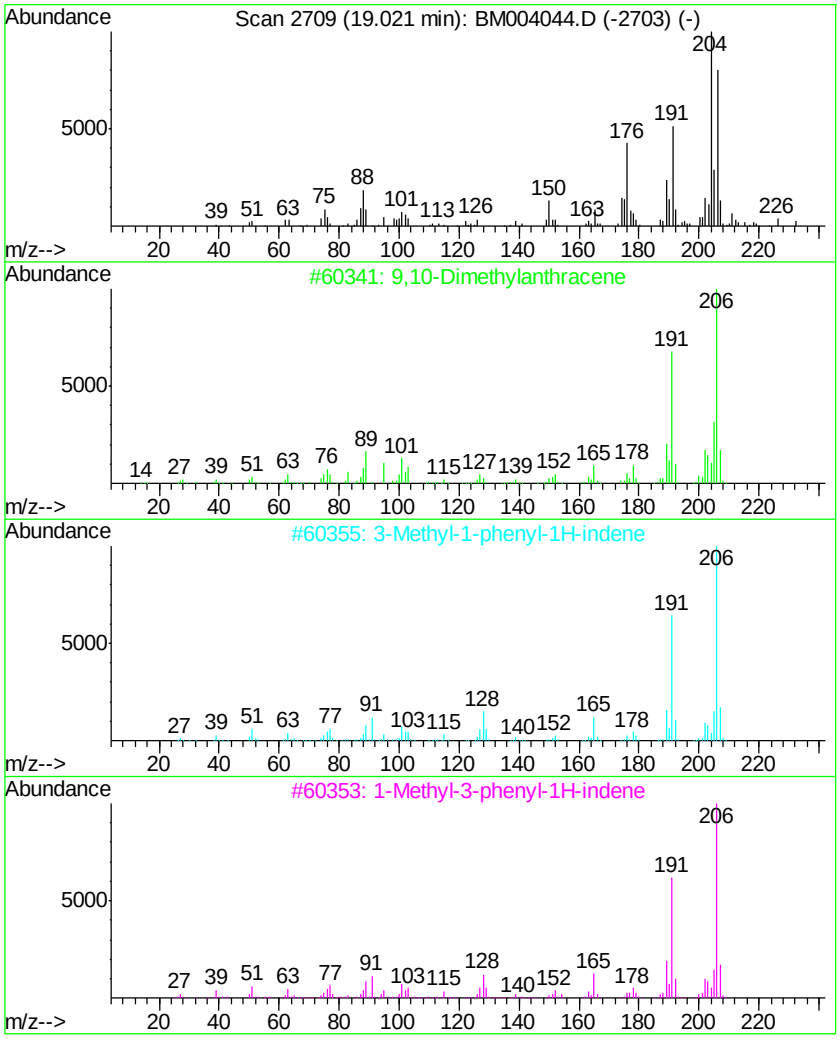
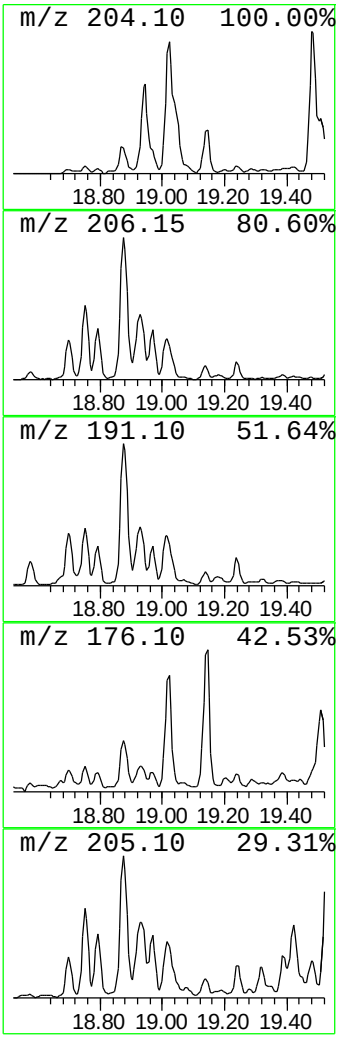
Peak Number 26 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	13.87 ng/ul	366366	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	87
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	87
4	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	80
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	70





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Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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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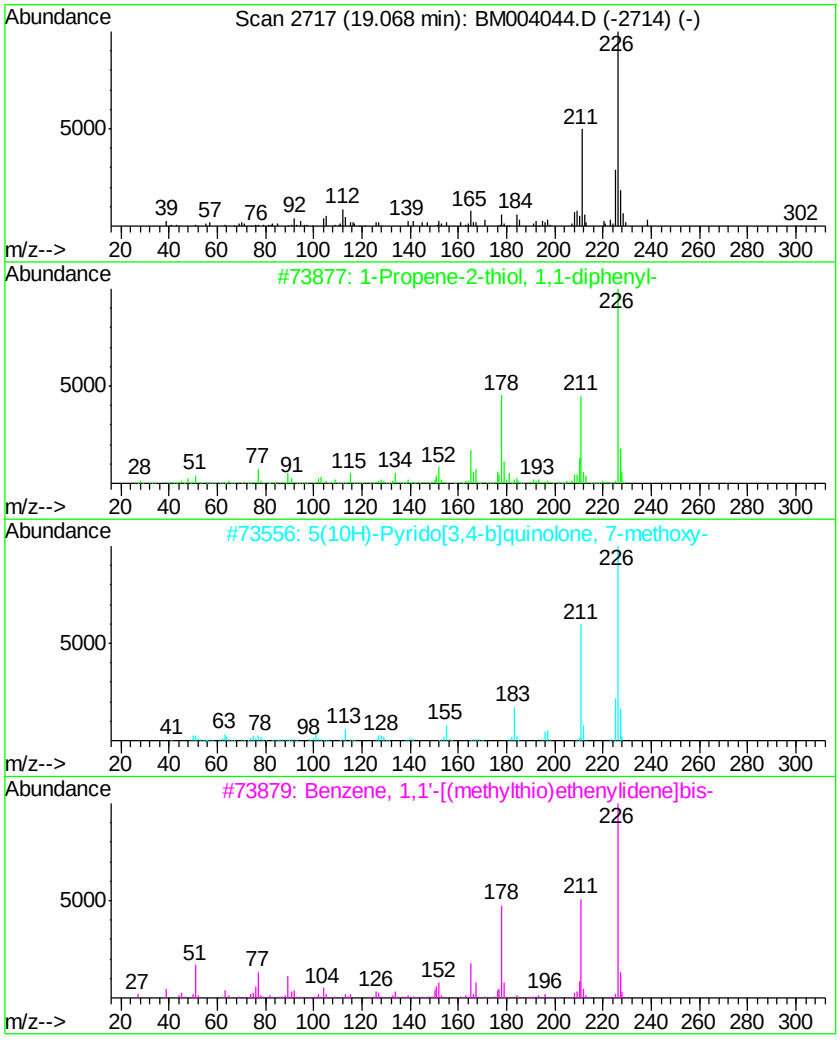
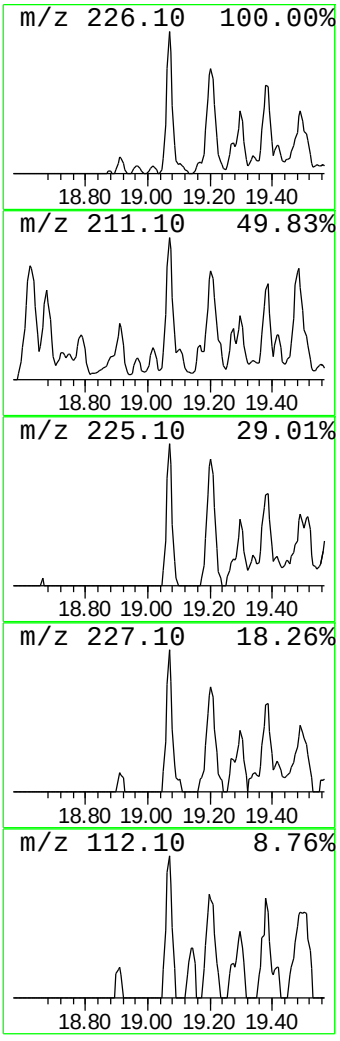
Peak Number 27 1-Propene-2-thiol, 1,1-diph... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	4.29 ng/ul	113247	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	81
2	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	64
3	Benzene, 1,1'-[(methylthio)ethen...	226	C15H14S	015096-10-3	59
4	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	59
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	58





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Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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Quant Title : SVOA CALIBRATION

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

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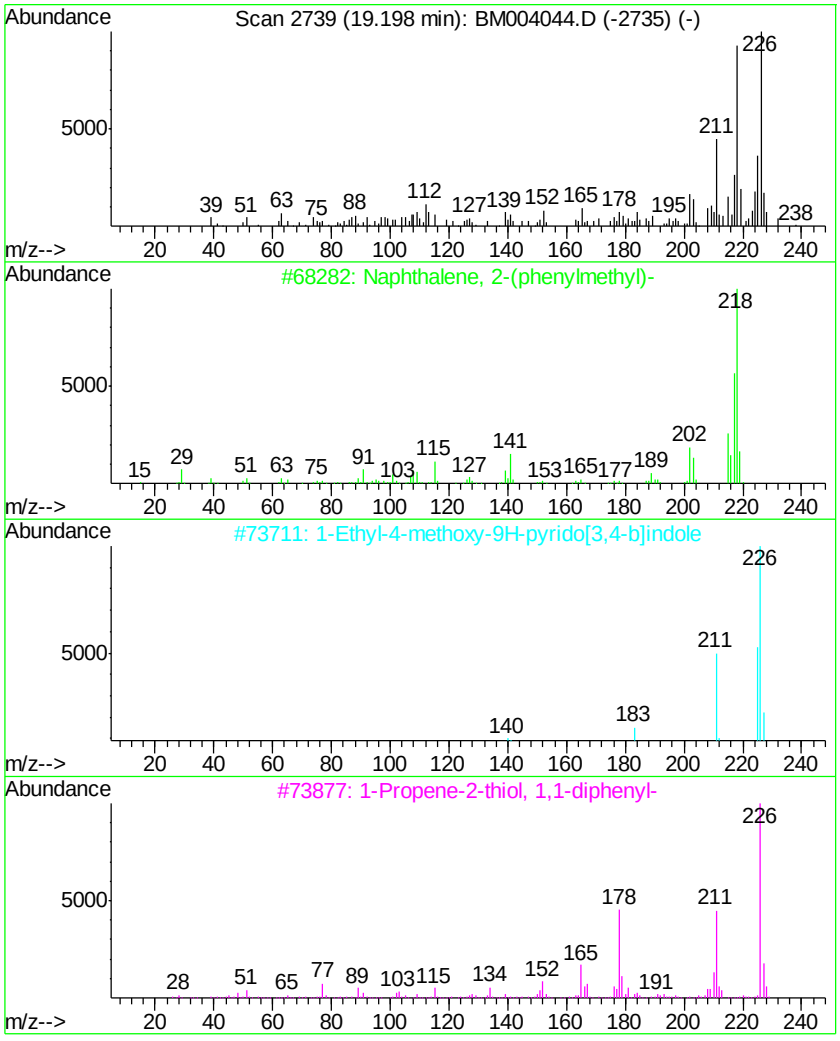
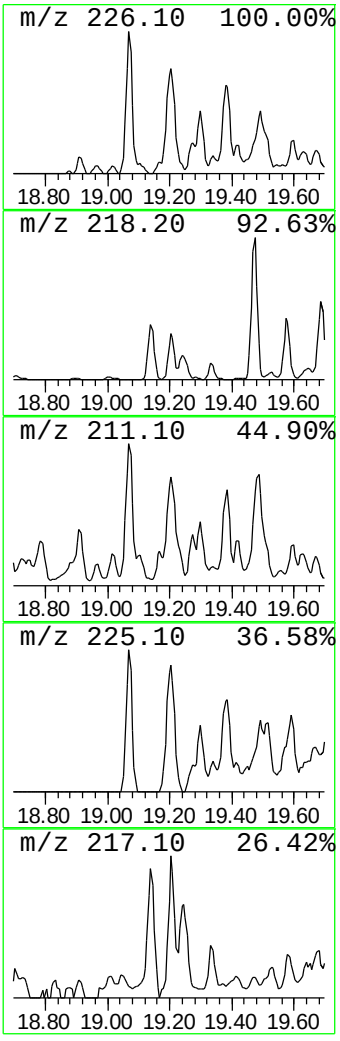
Peak Number 28 unknown-02 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.16 ng/ul	173299	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	38
2	1-Ethyl-4-methoxy-9H-pyrido[3,4-...	226	C14H14N2O	026585-14-8	38
3	1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	30
4	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	30
5	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	30





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Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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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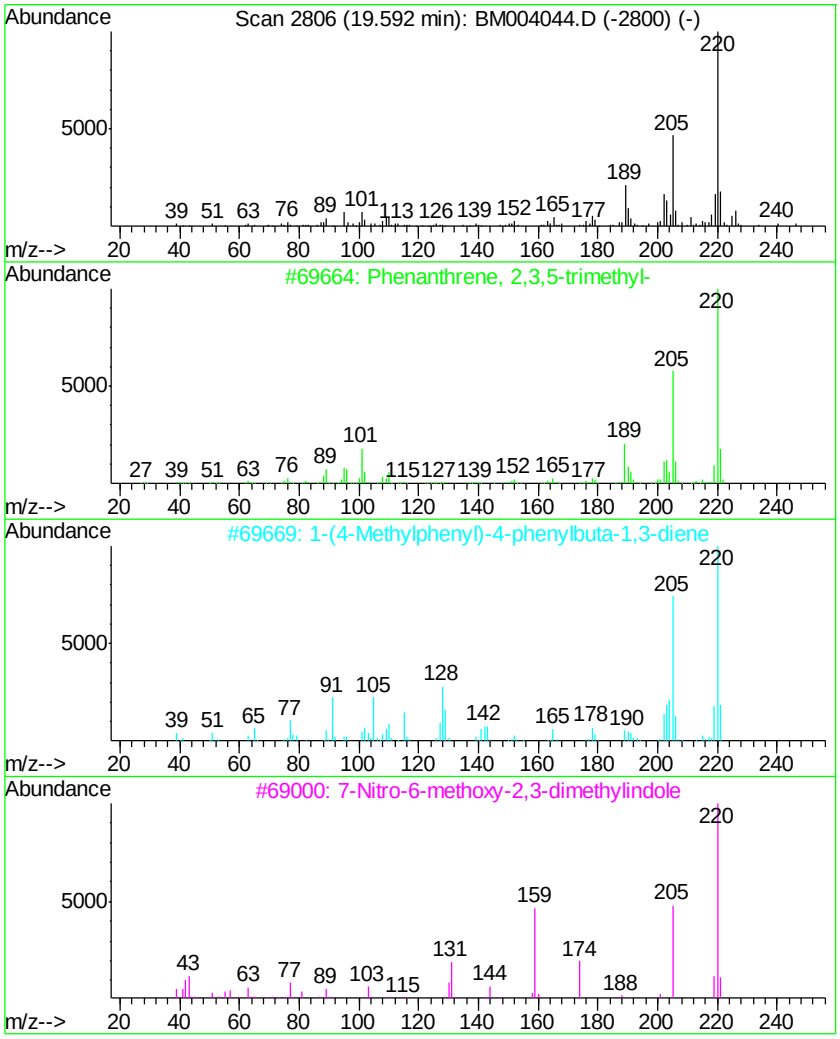
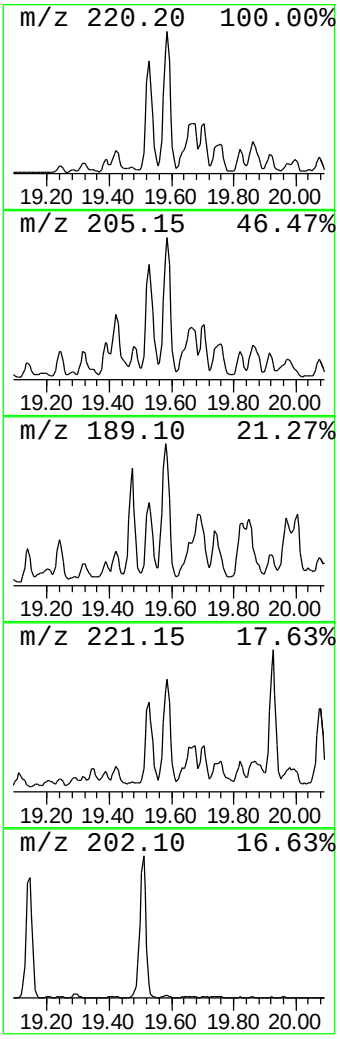
Peak Number 30 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	4.52 ng/ul	362811	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	83
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	74
3	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	52
4	1,4-Dimethoxy-6,7,8,9-tetrahydro...	220	C13H16O3	079381-09-2	50
5	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	50





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Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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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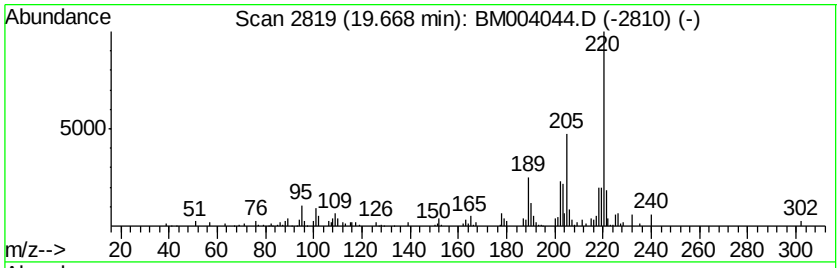
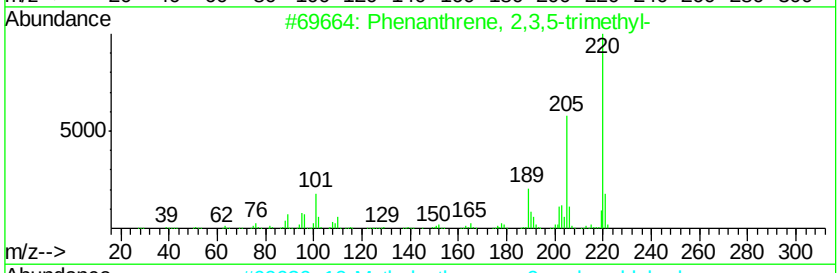
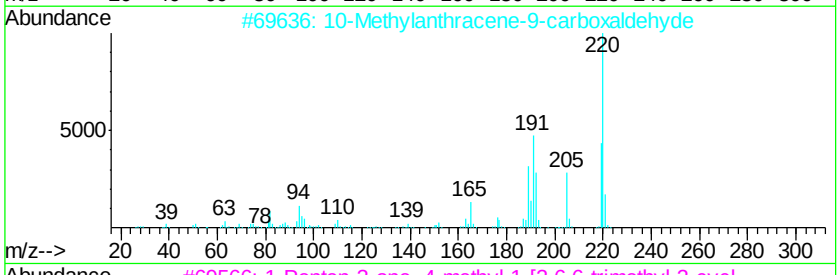
Peak Number 31 unknown-03 Concentration Rank 59

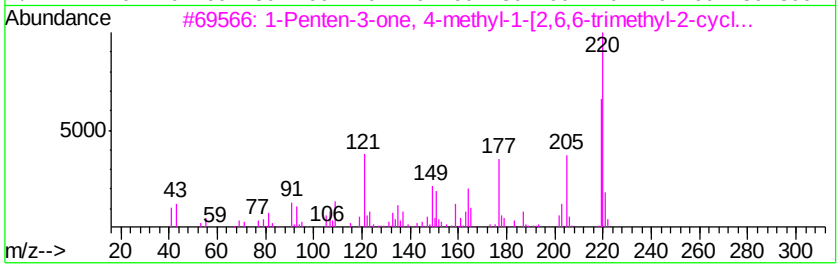
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	2.67 ng/ul	214248	Chrysene-d12	21.28

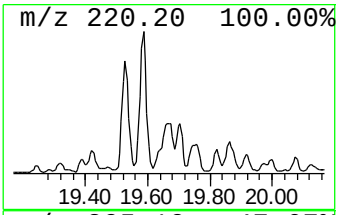
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	46
2	10-Methylanthracene-9-carboxalde...	220	C16H12O	007072-00-6	45
3	1-Penten-3-one, 4-methyl-1-[2,6,...	220	C15H24O	1000132-20-9	43
4	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	43
5	Naphthalene, 1-phenoxy-	220	C16H12O	003402-76-4	38

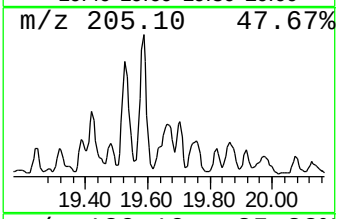


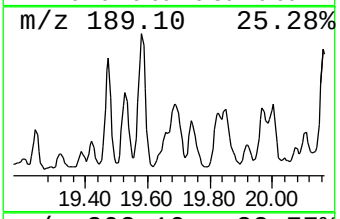


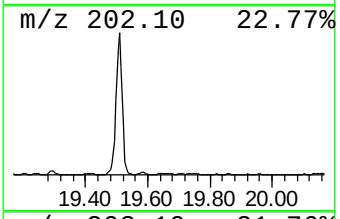


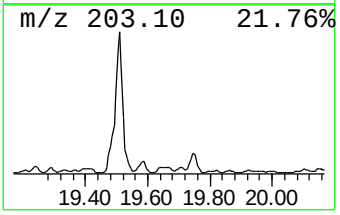












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Data File : BM004044.D
Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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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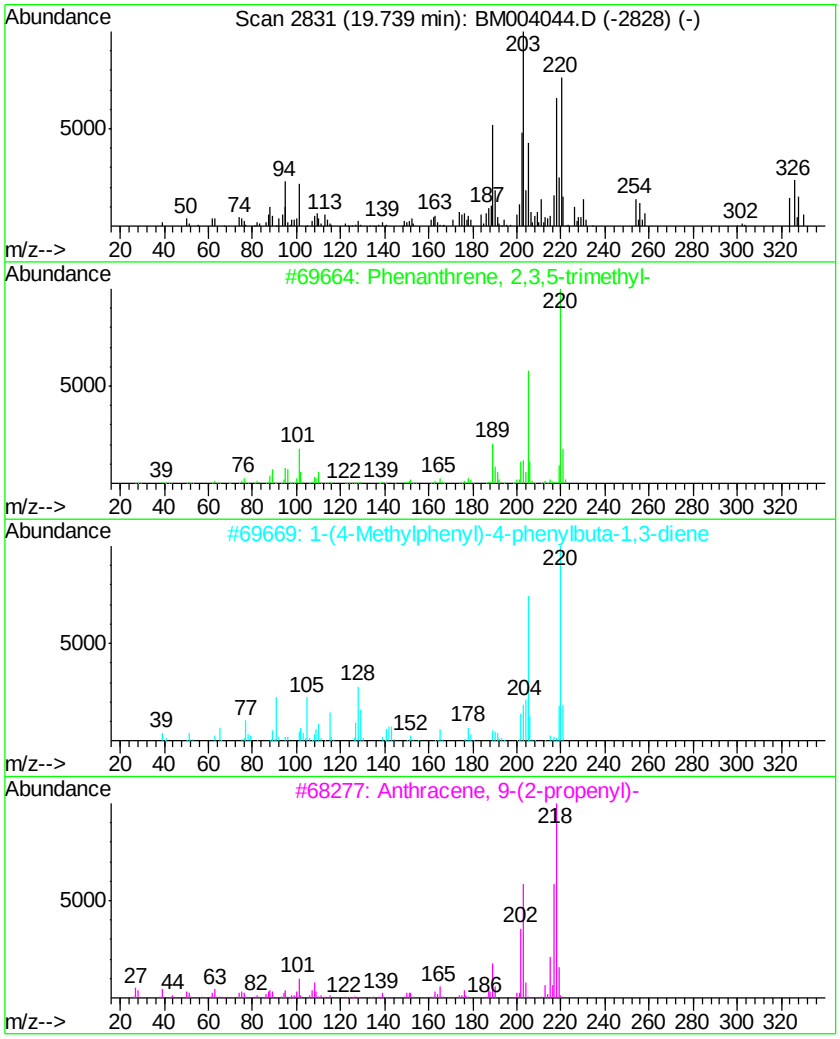
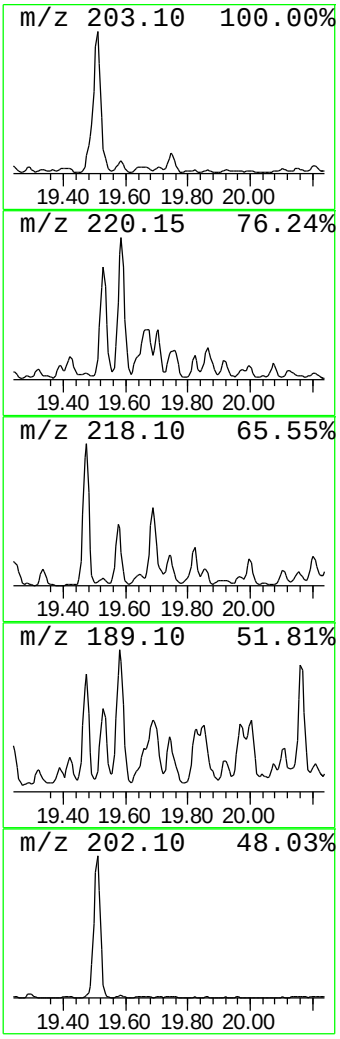
Peak Number 32 unknown-04 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	3.02 ng/ul	242581	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	38
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	38
3	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	30
4	2,9-Dimethyl-2,3,4,5,6,7-hexahyd...	203	C14H21N	077581-11-4	25
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	25





Library Search Compound Report

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Data File : BM004044.D
Acq On : 15 Jan 2016 12:59
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Sample : H1100-02 10X
Misc :
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Instrument : BNA_M
ClientSampleId : BC983

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Quant Title : SVOA CALIBRATION

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

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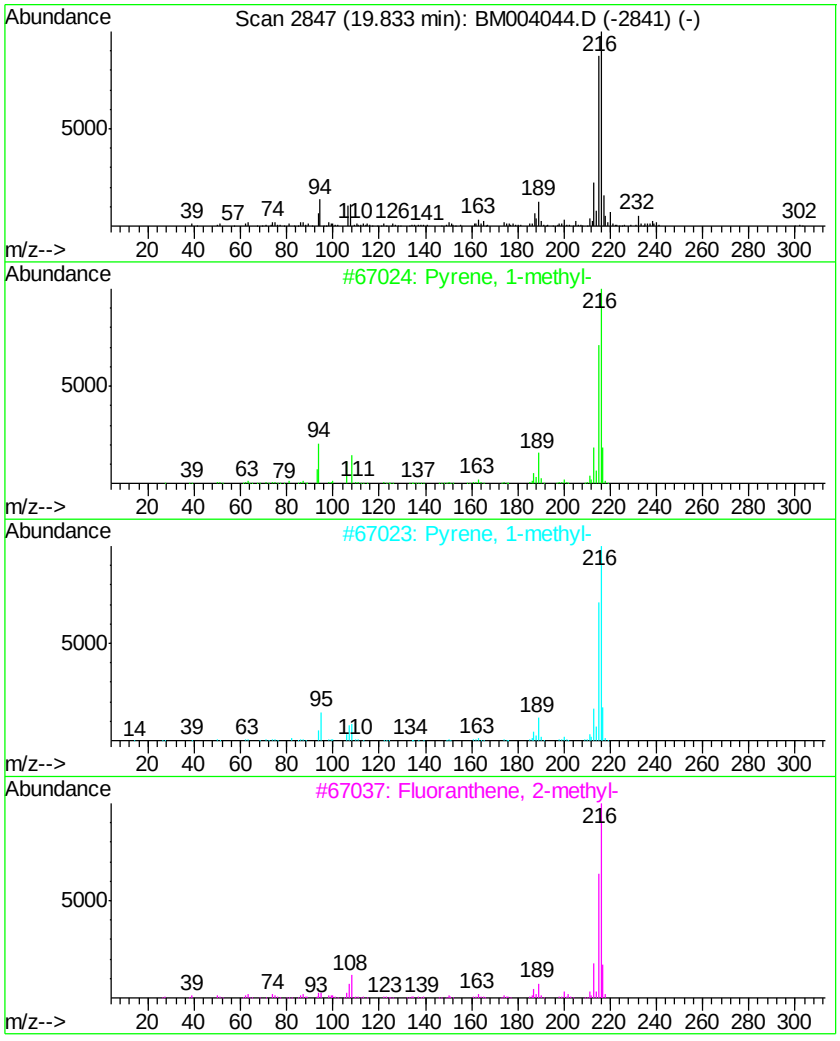
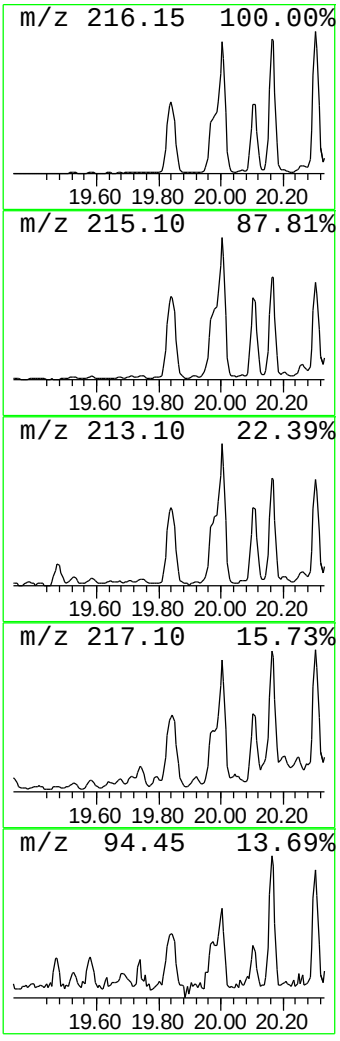
Peak Number 33 Pyrene, 1-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	3.87 ng/ul	310502	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
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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Data File : BM004044.D
Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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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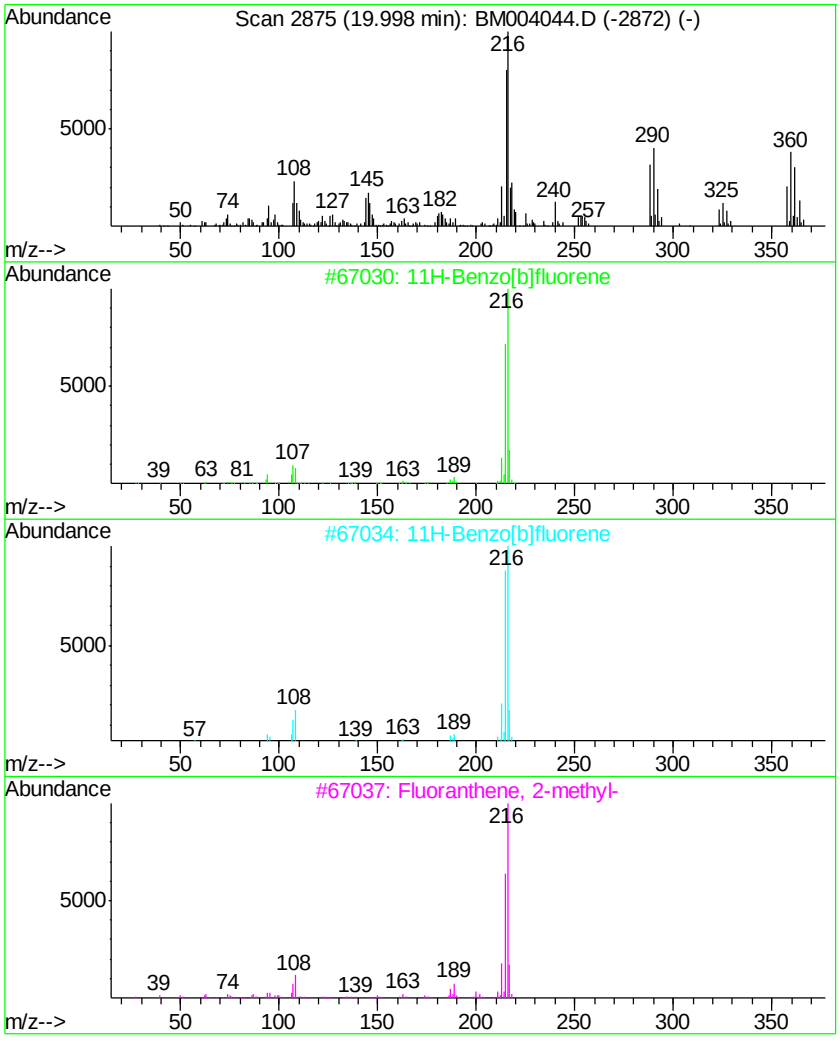
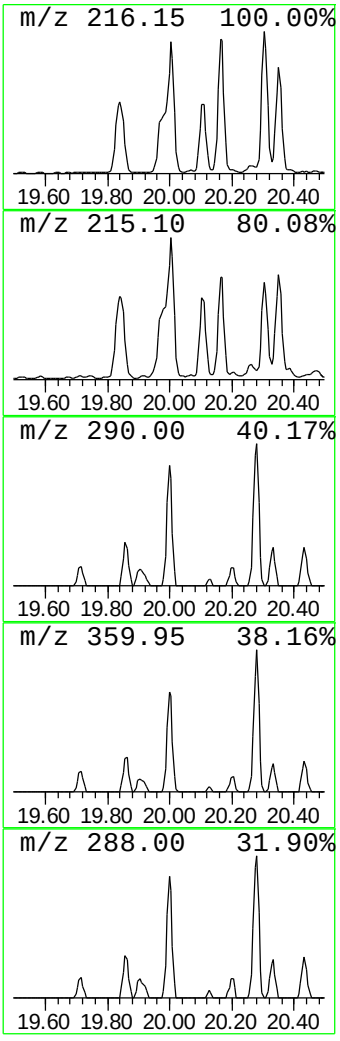
Peak Number 34 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	8.73 ng/ul	699991	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	78
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





Tentatively Identified Compound (LSC) summary

Data Path : V:\HPCHEM1\BNA_M\Data\BM011616\
Data File : BM004044.D
Acq On : 15 Jan 2016 12:59
Operator : SJ/UM
Sample : H1100-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC983

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
1,4,5,8-Tetrameth...	16.05	4.8	ng/ul	127365	4	17.07	528340	20.0
9H-Fluorene, 1-me...	16.37	4.3	ng/ul	113642	4	17.07	528340	20.0
9H-Fluorene, 2-me...	16.43	3.0	ng/ul	79228	4	17.07	528340	20.0
unknown-01	16.64	2.8	ng/ul	74923	4	17.07	528340	20.0
9H-Fluoren-9-one	16.73	3.5	ng/ul	92851	4	17.07	528340	20.0
Naphtho[2,3-b]thi...	16.89	5.6	ng/ul	149112	4	17.07	528340	20.0
Anthracene, 9,10-...	17.26	3.5	ng/ul	92051	4	17.07	528340	20.0
Thioxanthene	17.65	7.8	ng/ul	207084	4	17.07	528340	20.0
Dibenzothiophene,...	17.79	5.0	ng/ul	130818	4	17.07	528340	20.0
Phenanthrene, 2-m...	17.94	19.5	ng/ul	514030	4	17.07	528340	20.0
1H-Cyclopropa[l]p...	18.14	25.0	ng/ul	659392	4	17.07	528340	20.0
Anthracene, 2-met...	18.18	13.1	ng/ul	345069	4	17.07	528340	20.0
(DEL) Alkane: Str...	18.26	3.2	ng/ul	84294	4	17.07	528340	20.0
2,8-Dimethyldiben...	18.35	4.1	ng/ul	107202	4	17.07	528340	20.0
2-Phenylnaphthalene	18.45	10.0	ng/ul	263255	4	17.07	528340	20.0
9,10-Anthracenedione	18.50	13.9	ng/ul	366112	4	17.07	528340	20.0
Naphtho[2,3-b]thi...	18.67	3.3	ng/ul	87476	4	17.07	528340	20.0
Phenanthrene, 2,5...	18.70	5.0	ng/ul	131904	4	17.07	528340	20.0
Phenanthrene, 3,6...	18.75	8.7	ng/ul	229970	4	17.07	528340	20.0
Naphthalene, 1,2-...	18.97	4.1	ng/ul	109477	4	17.07	528340	20.0
9,10-Dimethylanth...	19.02	13.9	ng/ul	366366	4	17.07	528340	20.0
1-Propene-2-thiol...	19.07	4.3	ng/ul	113247	4	17.07	528340	20.0
unknown-02	19.20	2.2	ng/ul	173299	5	21.28	1604020	20.0
Phenanthrene, 2,3...	19.59	4.5	ng/ul	362811	5	21.28	1604020	20.0
unknown-03	19.67	2.7	ng/ul	214248	5	21.28	1604020	20.0
unknown-04	19.74	3.0	ng/ul	242581	5	21.28	1604020	20.0
Pyrene, 1-methyl-	19.83	3.9	ng/ul	310502	5	21.28	1604020	20.0
11H-Benzo[b]fluorene	20.00	8.7	ng/ul	699991	5	21.28	1604020	20.0