LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010690.D
Acq On : 23 Jun 2017 14:04
Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.645	633	639	650	rVB	228121	354070	8.61%	0.649%
2	6.810	661	667	676	rBV	148116	215519	5.24%	0.395%
3	6.998	693	699	706	rVB	239057	348157	8.47%	0.639%
4	7.463	771	778	784	rVB	359734	544431	13.24%	0.999%
5	8.163	892	897	907	rVB	301615	446198	10.85%	0.818%
6	8.604	965	972	979	rVB	222935	341768	8.31%	0.627%
7	9.316	1087	1093	1102	rVB2	200638	317979	7.73%	0.583%
8	9.845	1177	1183	1192	rBB	341022	545729	13.27%	1.001%
9	10.222	1240	1247	1254	rBV	544153	855926	20.81%	1.570%
10	10.363	1264	1271	1281	rBV	256156	410524	9.98%	0.753%
11	13.533	1804	1810	1814	rBV	676727	894376	21.75%	1.640%
12	13.580	1814	1818	1823	rVB	108019	144000	3.50%	0.264%
13	13.798	1849	1855	1868	rBV	587128	955724	23.24%	1.753%
14	14.110	1902	1908	1916	rBV2	829085	1259102	30.62%	2.309%
15	14.321	1937	1944	1956	rBV	456650	631308	15.35%	1.158%
16	15.110	2073	2078	2084	rBV	829963	1199669	29.17%	2.200%
17	15.239	2095	2100	2106	rVV	432403	579814	14.10%	1.063%
18	16.521	2314	2318	2325	rVB3	39153	58536	1.42%	0.107%
19	16.621	2327	2335	2338	rBV5	30937	55642	1.35%	0.102%
20	16.680	2343	2345	2354	rVB	30469	50534	1.23%	0.093%
21	16.868	2370	2377	2380	rBV	1083095	1546226	37.60%	2.836%
22	16.910	2380	2384	2388	rVV	674257	890844	21.66%	1.634%
23	16.962	2388	2393	2398	rVV	1199301	1772417	43.10%	3.251%
24	16.998	2398	2399	2405	rVV	164444	143160	3.48%	0.263%
25	17.057	2405	2409	2416	rVB4	34208	59397	1.44%	0.109%
26	17.274	2442	2446	2450	rVB	99972	137864	3.35%	0.253%
27	17.392	2463	2466	2470	rBV3	34281	41302	1.00%	0.076%
28	17.451	2472	2476	2480	rVB5	32042	44749	1.09%	0.082%
29	17.668	2508	2513	2517	rBV4	32668	53783	1.31%	0.099%
30	17.739	2517	2525	2529	rVV	181284	320715	7.80%	0.588%
31	17.792	2529	2534	2542	rVV	513127	677842	16.48%	1.243%
32	17.868	2542	2547	2553	rVV2	90015	145920	3.55%	0.268%
33	17.933	2553	2558	2562	rVV3	243308	441786	10.74%	0.810%
34	17.974	2562	2565	2570	rVB	138352	187169	4.55%	0.343%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

35	18.092	2581	2585	2589	rVV4	51025	78129	1.90%	0.143%
36	18.256	2608	2613	2615	rBV	144995	208922	5.08%	0.383%
37	18.286	2615	2618	2624	rVB2	136395	194706	4.73%	0.357%
38	18.504	2651	2655	2659	rVB4	70106	92623	2.25%	0.170%
39	18.551	2659	2663	2666	rVB2	56261	60825	1.48%	0.112%
40	18.592	2666	2670	2674	rVB4	59038	85137	2.07%	0.156%
41	18.674	2674	2684	2689	rBV2	187863	352554	8.57%	0.647%
42	18.739	2690	2695	2698	rBV4	78042	125801	3.06%	0.231%
43	18.815	2704	2708	2716	rVB3	157128	265544	6.46%	0.487%
44	18.939	2724	2729	2736	rVB	2797774	3714179	90.32%	6.813%
45	19.045	2744	2747	2751	rVB4	54222	64069	1.56%	0.118%
46	19.086	2751	2754	2759	rVB2	171078	215191	5.23%	0.395%
47	19.151	2759	2765	2768	rBV5	72141	150607	3.66%	0.276%
48	19.186	2768	2771	2775	rVV	92802	121756	2.96%	0.223%
49	19.239	2776	2780	2782	rVV5	81967	110691	2.69%	0.203%
50	19.280	2782	2787	2789	rVV	2356395	3265957	79.42%	5.990%
51	19.309	2789	2792	2800	rVV	2595026	3271186	79.55%	6.000%
52	19.380	2800	2804	2813	rVB2	148599	258810	6.29%	0.475%
53	19.486	2818	2822	2828	rBV	155353	229299	5.58%	0.421%
54	19.551	2828	2833	2839	rVB	154831	261324	6.35%	0.479%
55	19.639	2840	2848	2854	rBV4	261296	636098	15.47%	1.167%
56	19.686	2854	2856	2860	rVB	61099	68726	1.67%	0.126%
57	19.727	2860	2863	2865	rBV4	36310	49023	1.19%	0.090%
58	19.774	2866	2871	2873	rBV4	180974	304635	7.41%	0.559%
59	19.809	2873	2877	2882	rVB	372653	582065	14.15%	1.068%
60	19.862	2882	2886	2889	rBV2	48042	81542	1.98%	0.150%
61	19.909	2890	2894	2898	rBV	184321	227365	5.53%	0.417%
62	19.962	2898	2903	2908	rBV2	334847	545175	13.26%	1.000%
63	20.009	2908	2911	2914	rVB2	107529	124465	3.03%	0.228%
64	20.051	2915	2918	2922	rBV2	61774	77396	1.88%	0.142%
65	20.109	2924	2928	2931	rBV	193134	246904	6.00%	0.453%
66	20.150	2931	2935	2941	rBV	196832	288950	7.03%	0.530%
67	20.368	2969	2972	2975	rBV4	70503	115223	2.80%	0.211%
68	20.409	2975	2979	2981	rVB5	61658	98561	2.40%	0.181%
69	20.562	3001	3005	3012	rVB	374607	529284	12.87%	0.971%
70	20.727	3027	3033	3037	rBV2	311900	579163	14.08%	1.062%
71	20.768	3037	3040	3043	rVV	271978	341277	8.30%	0.626%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : F5D15

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
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72	20.821	3043	3049	3052	rVV2	338772	653202	15.88%	1.198%
73	20.862	3052	3056	3064	rVB	349994	495174	12.04%	0.908%
74	21.039	3082	3086	3087	rBV2	134680	168126	4.09%	0.308%
75	21.074	3087	3092	3097	rVV3	2089819	4112143	100.00%	7.542%
76	21.121	3097	3100	3110	rVB	1582404	2035066	49.49%	3.733%
77	21.239	3117	3120	3123	rBV	139073	181737	4.42%	0.333%
78	21.397	3142	3147	3151	rBV2	229687	395373	9.61%	0.725%
79	21.439	3152	3154	3158	rVB2	83547	95479	2.32%	0.175%
80	21.621	3182	3185	3190	rVB	319366	418921	10.19%	0.768%
81	21.674	3190	3194	3200	rBV	166492	263794	6.42%	0.484%
82	21.809	3214	3217	3220	rVB	129816	137494	3.34%	0.252%
83	22.597	3344	3351	3356	rBV	1140012	2792146	67.90%	5.121%
84	22.756	3373	3378	3386	rVB	189057	337231	8.20%	0.619%
85	23.044	3422	3427	3431	rBV	618518	1100908	26.77%	2.019%
86	23.091	3431	3435	3439	rVV2	898720	1603935	39.00%	2.942%
87	23.139	3439	3443	3450	rVB	974225	1581342	38.46%	2.900%
88	23.227	3452	3458	3462	rVV	514982	936690	22.78%	1.718%
89	23.268	3463	3465	3474	rVB2	254941	476386	11.58%	0.874%
90	25.344	3810	3818	3827	rVB	477355	1292762	31.44%	2.371%
91	25.985	3920	3927	3937	rVB2	274928	746391	18.15%	1.369%

Sum of corrected areas: 54519642

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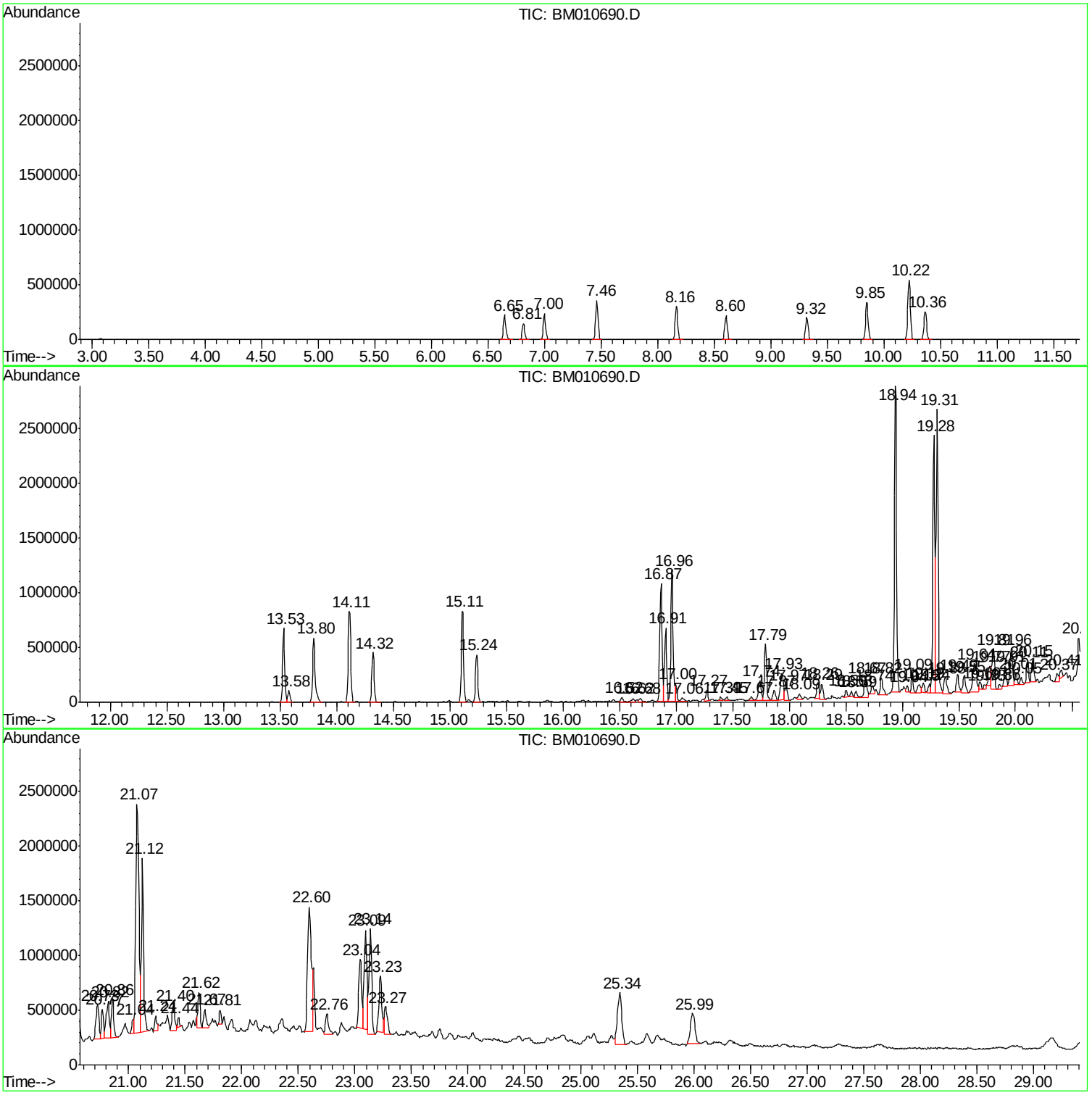
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



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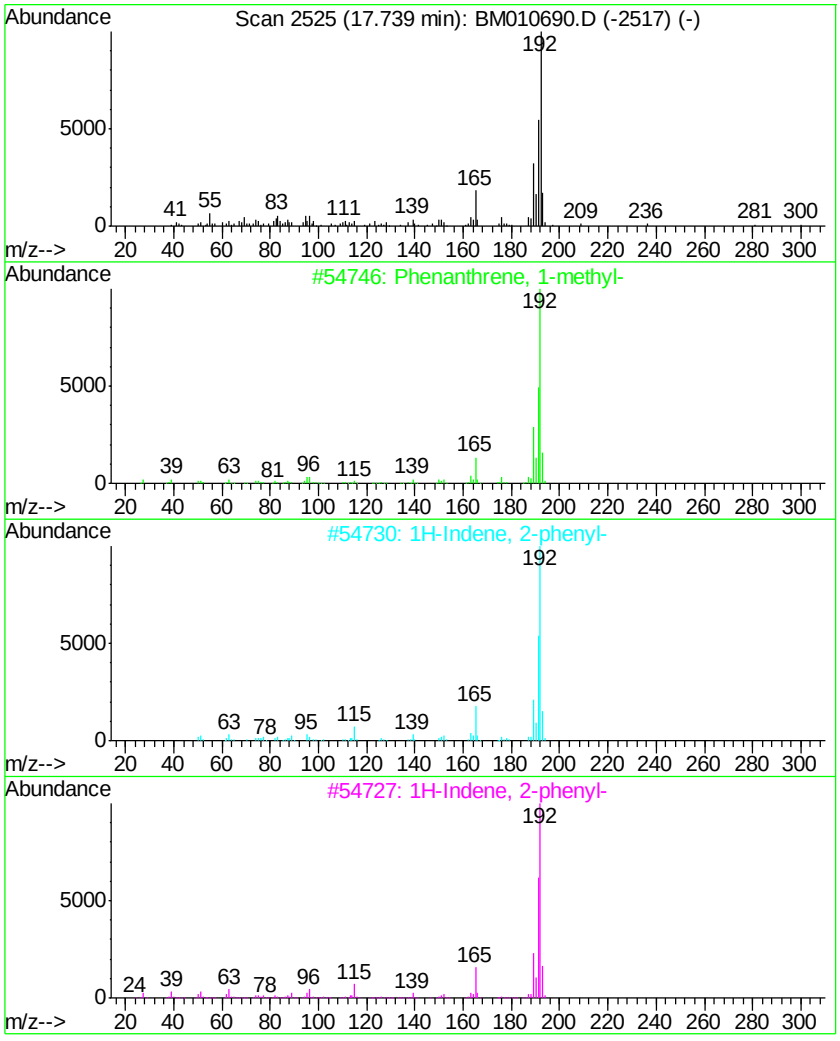
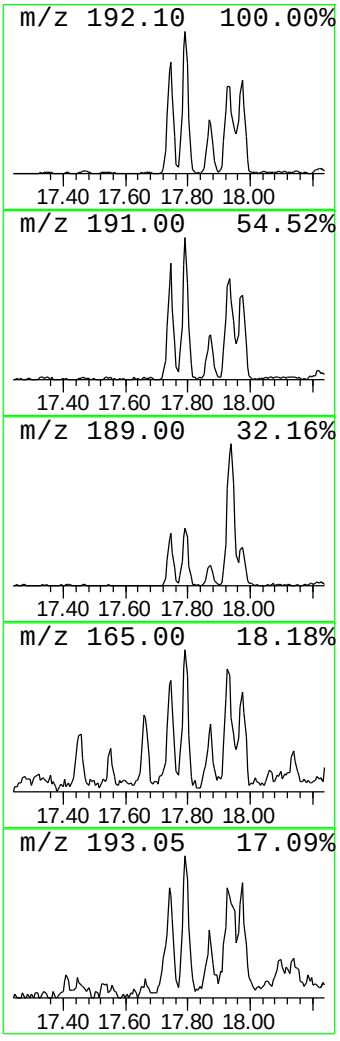
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	4.15 ng/ul	320715	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Data File : BM010690.D
Acq On : 23 Jun 2017 14:04
Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

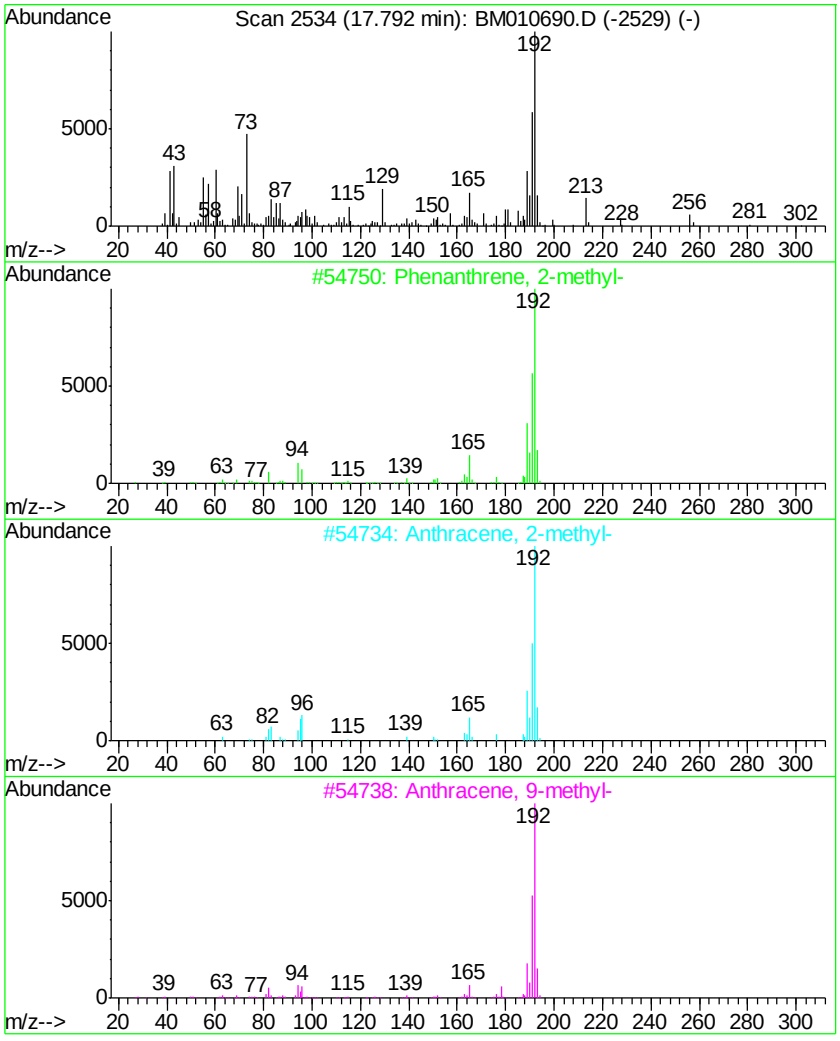
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

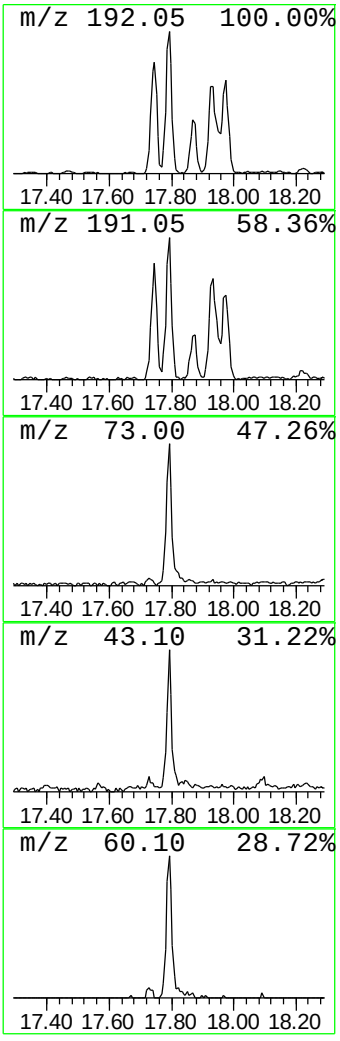
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	8.77 ng/ul	677842	Phenanthrene-d10	16.87

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





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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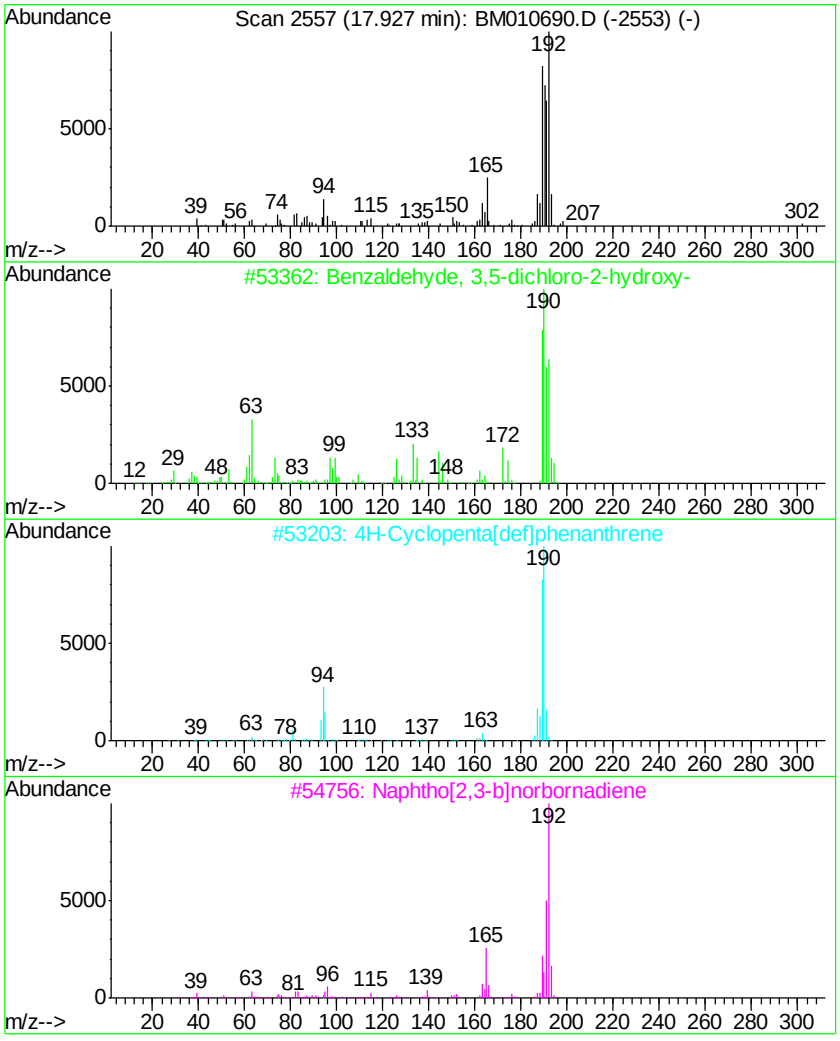
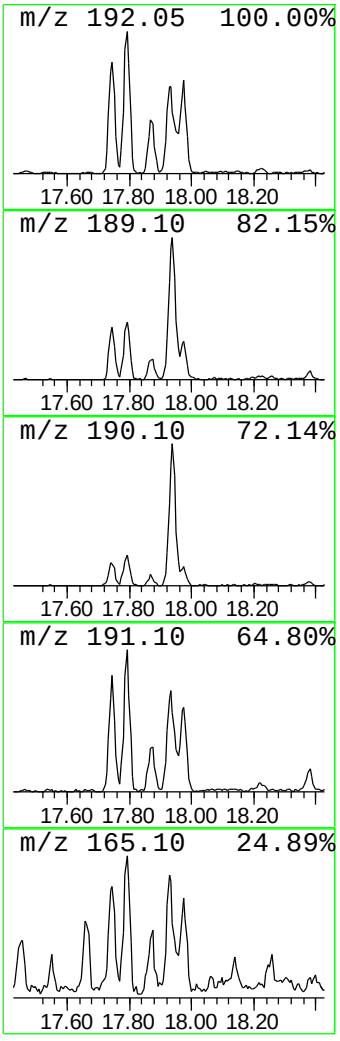
****

Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	5.71 ng/ul	441786	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	41





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

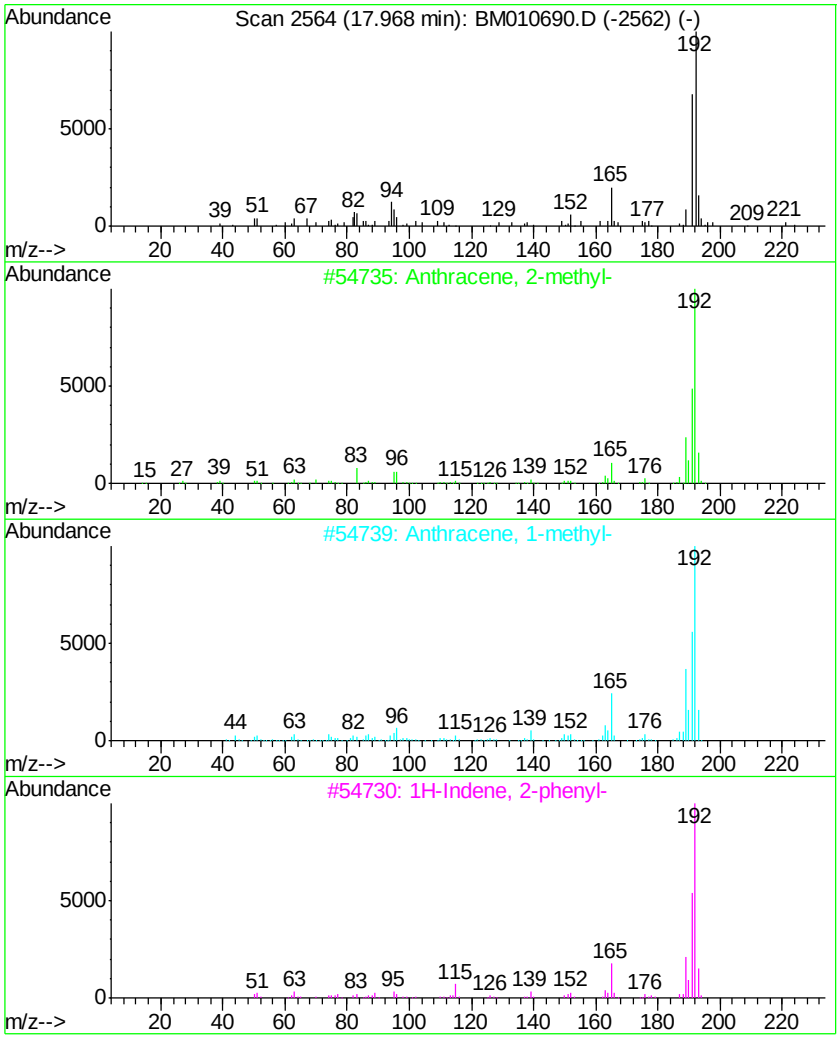
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

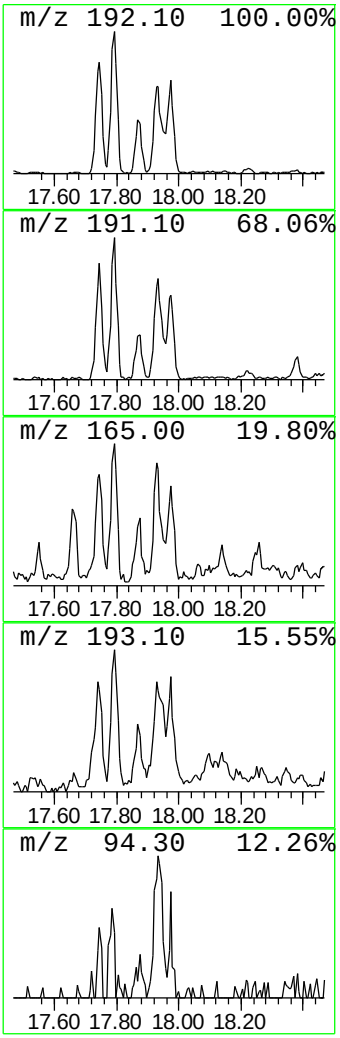
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.42 ng/ul	187169	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

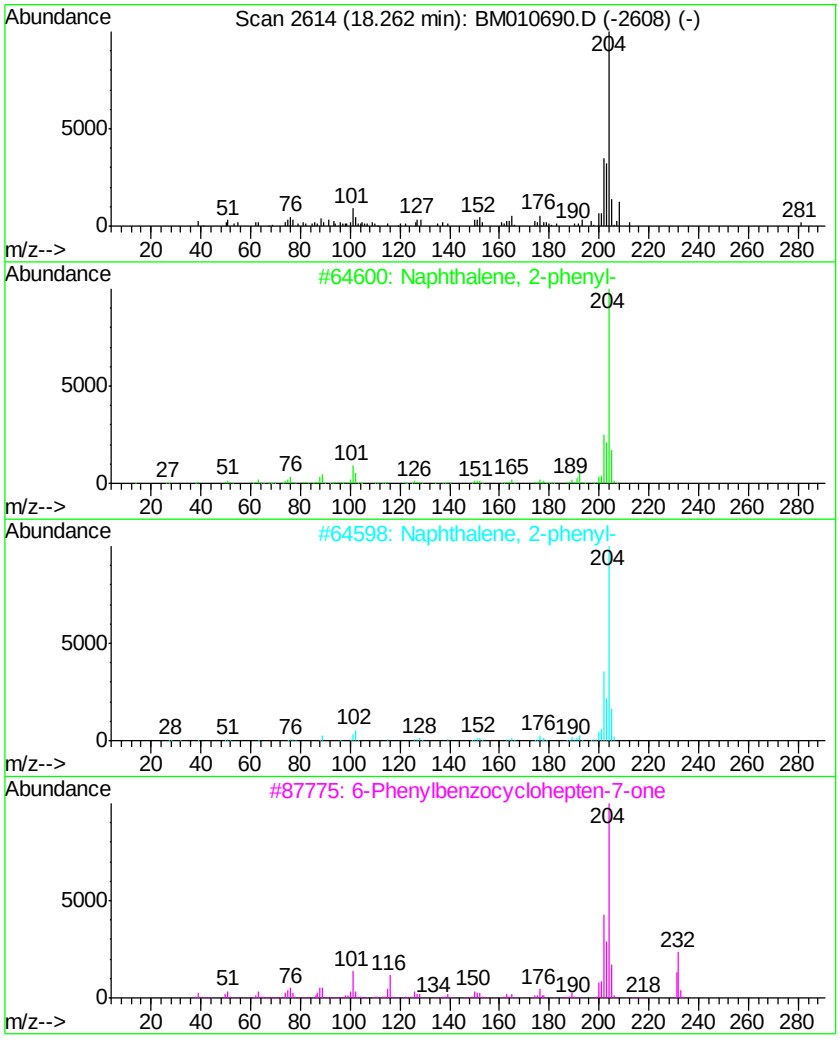
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

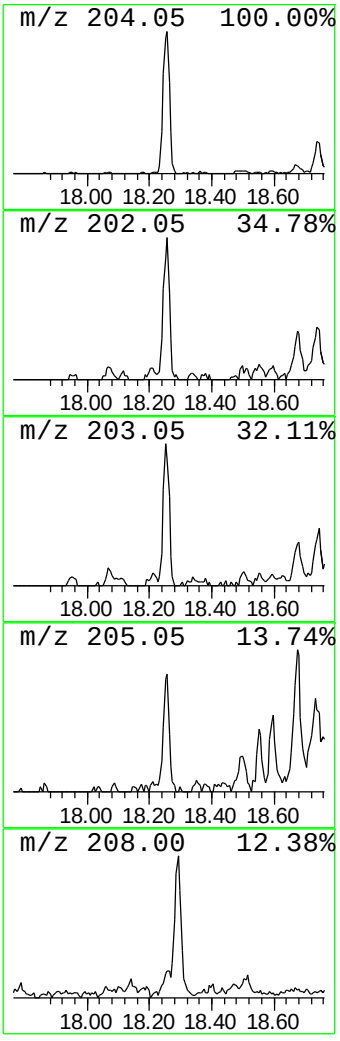
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.70 ng/ul	208922	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	74
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Acq On : 23 Jun 2017 14:04
Operator : SJ/JU
Sample : I3625-11
Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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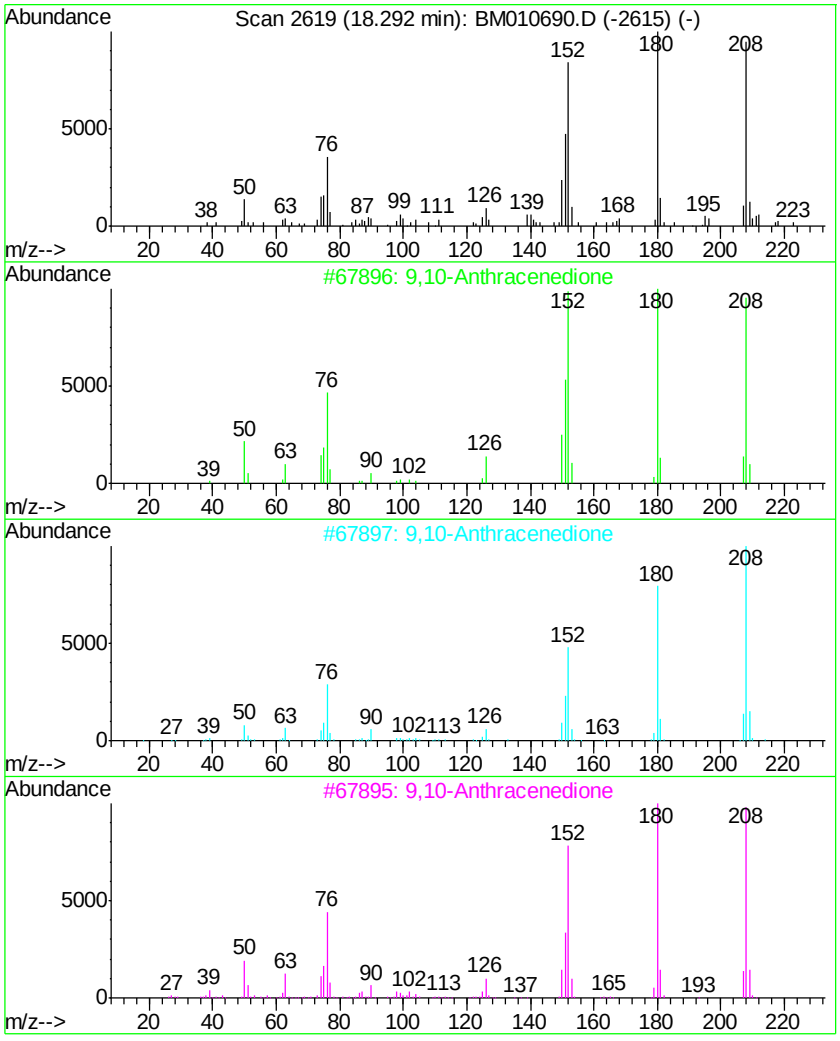
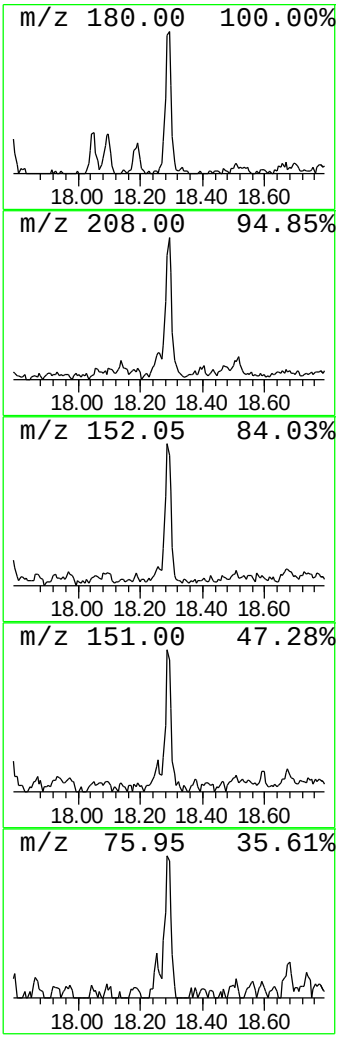
Peak Number 6 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.52 ng/ul	194706	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55





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Data File : BM010690.D
Acq On : 23 Jun 2017 14:04
Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

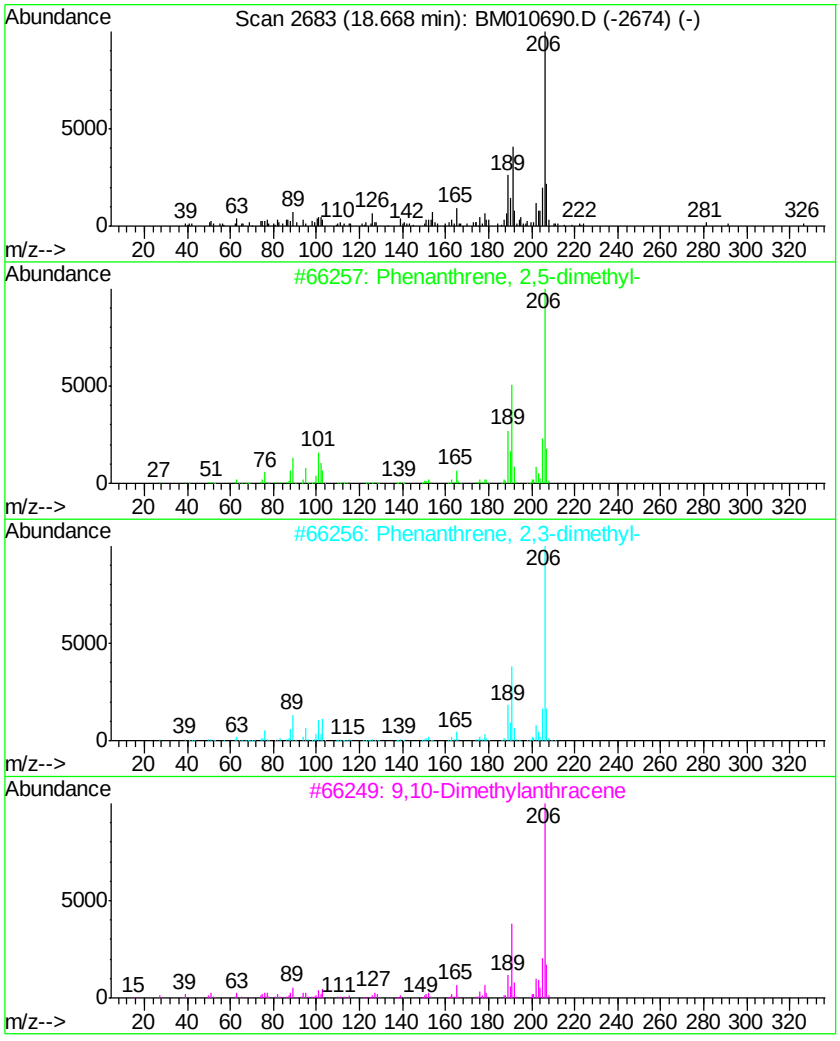
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

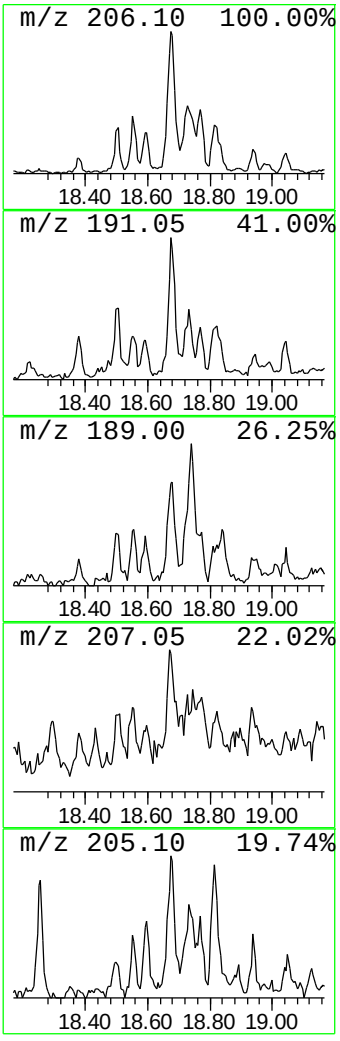
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	4.56 ng/ul	352554	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Acq On : 23 Jun 2017 14:04
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Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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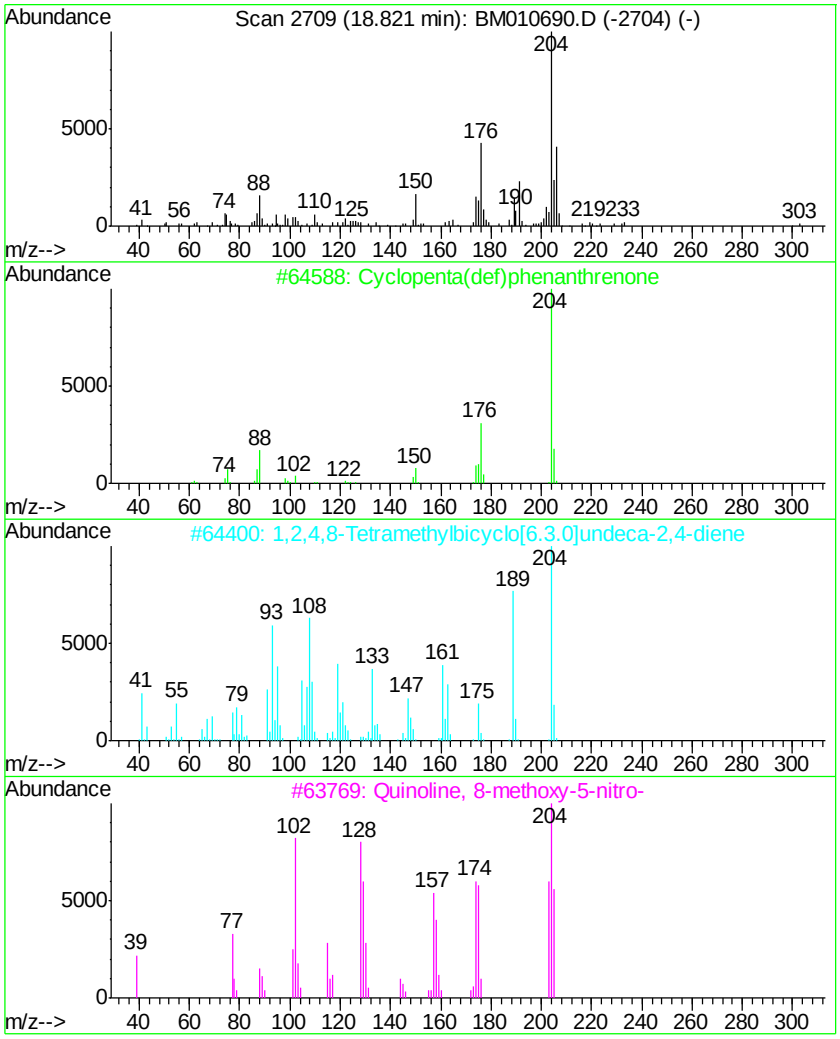
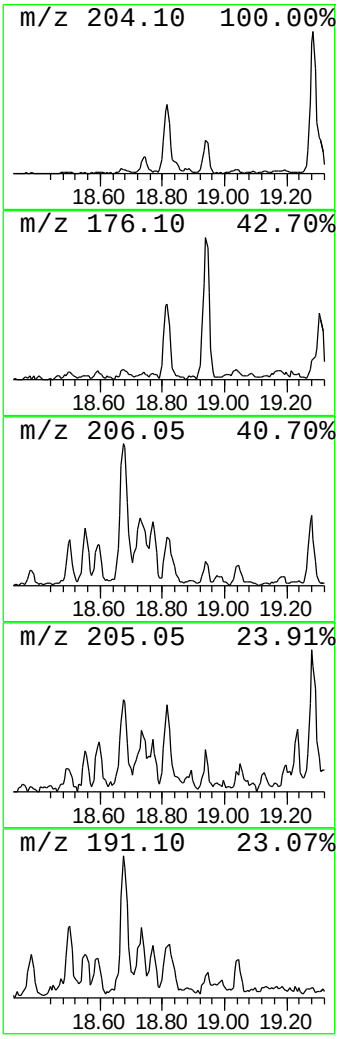
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.43 ng/ul	265544	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
3	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	40
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38





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Acq On : 23 Jun 2017 14:04
Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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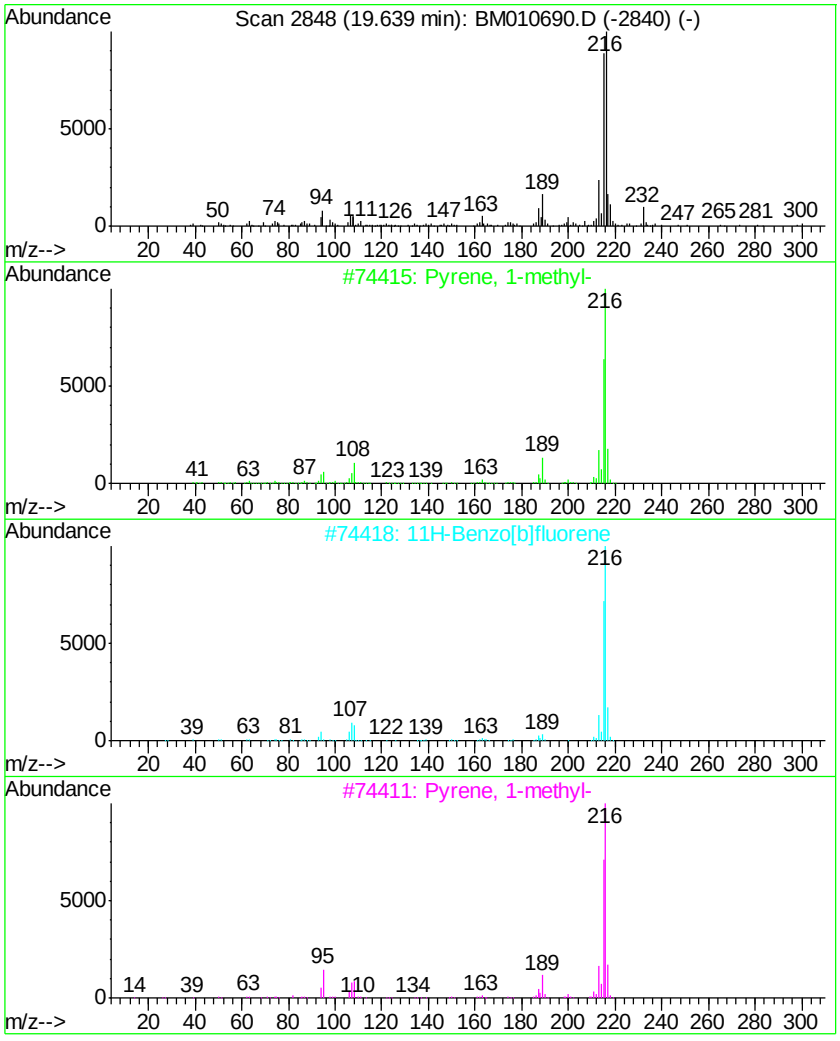
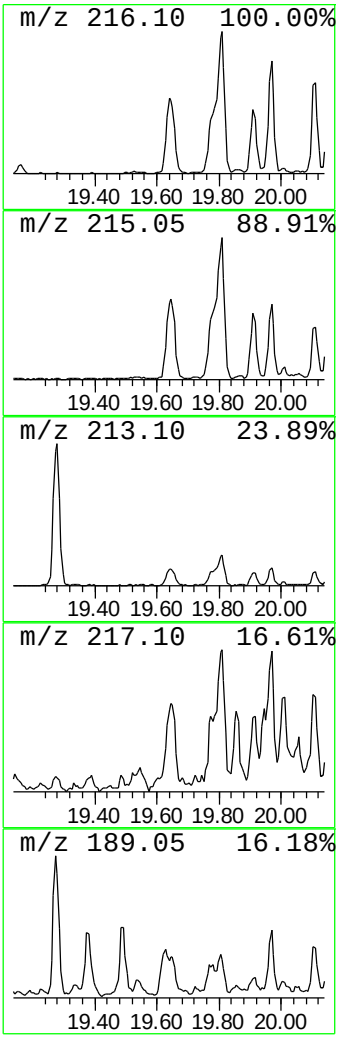
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	3.09 ng/ul	636098	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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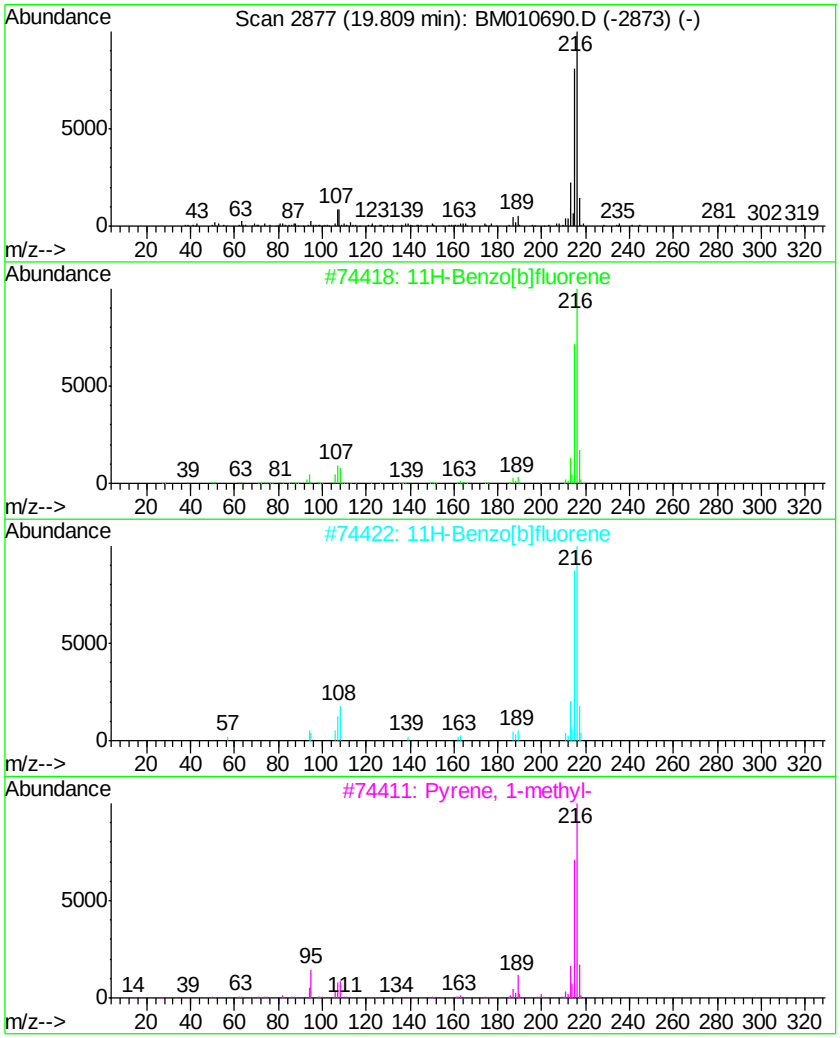
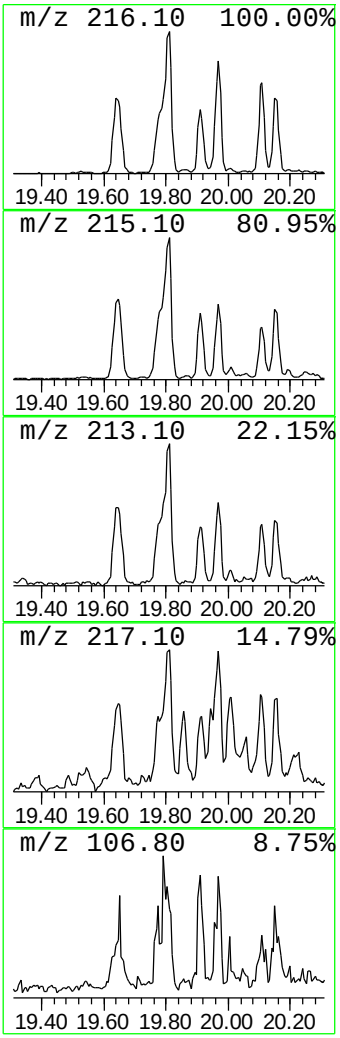
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.83 ng/ul	582065	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Acq On : 23 Jun 2017 14:04
Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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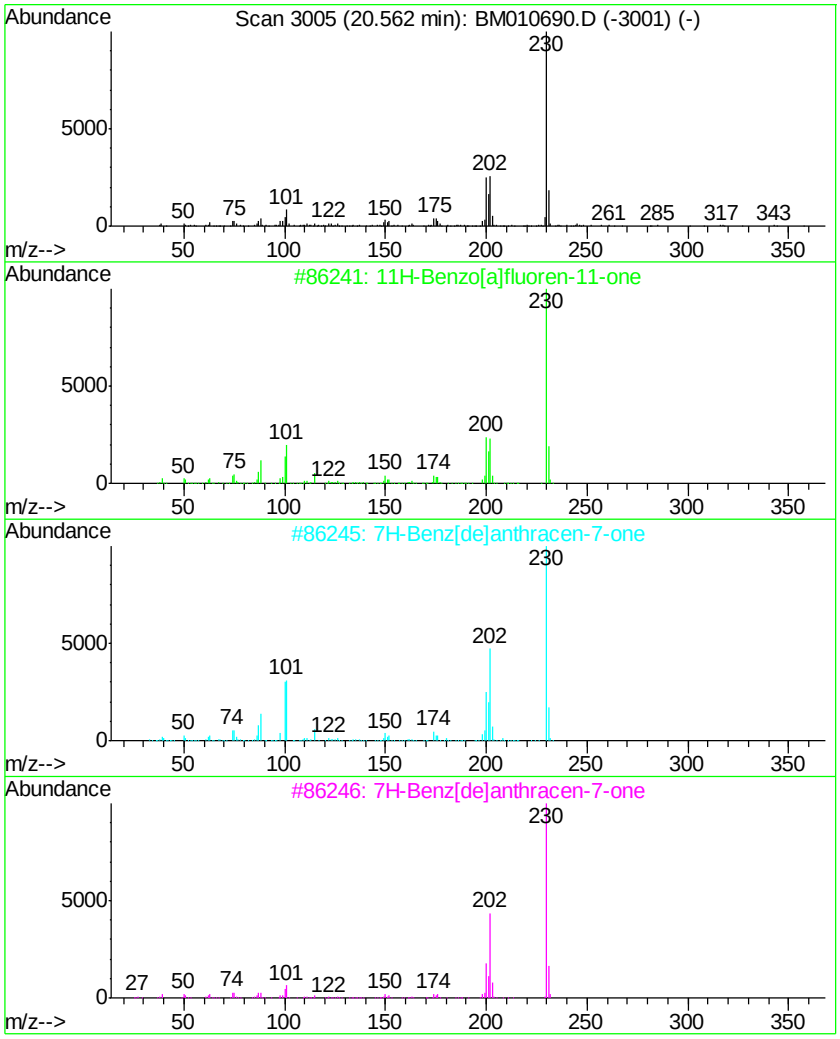
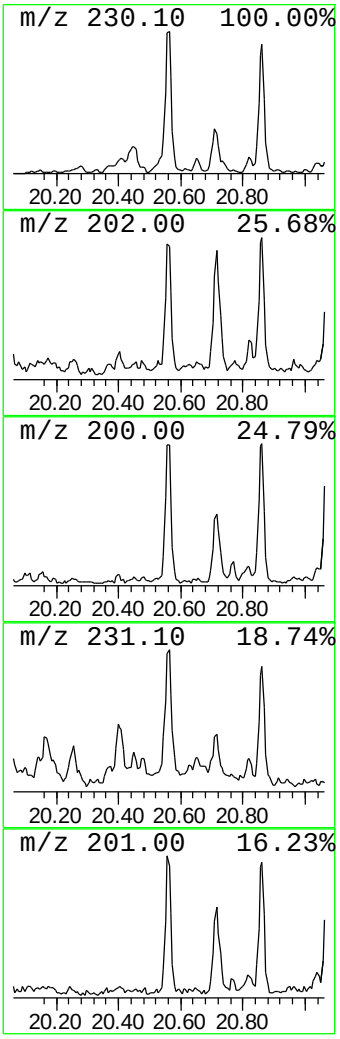
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	2.57 ng/ul	529284	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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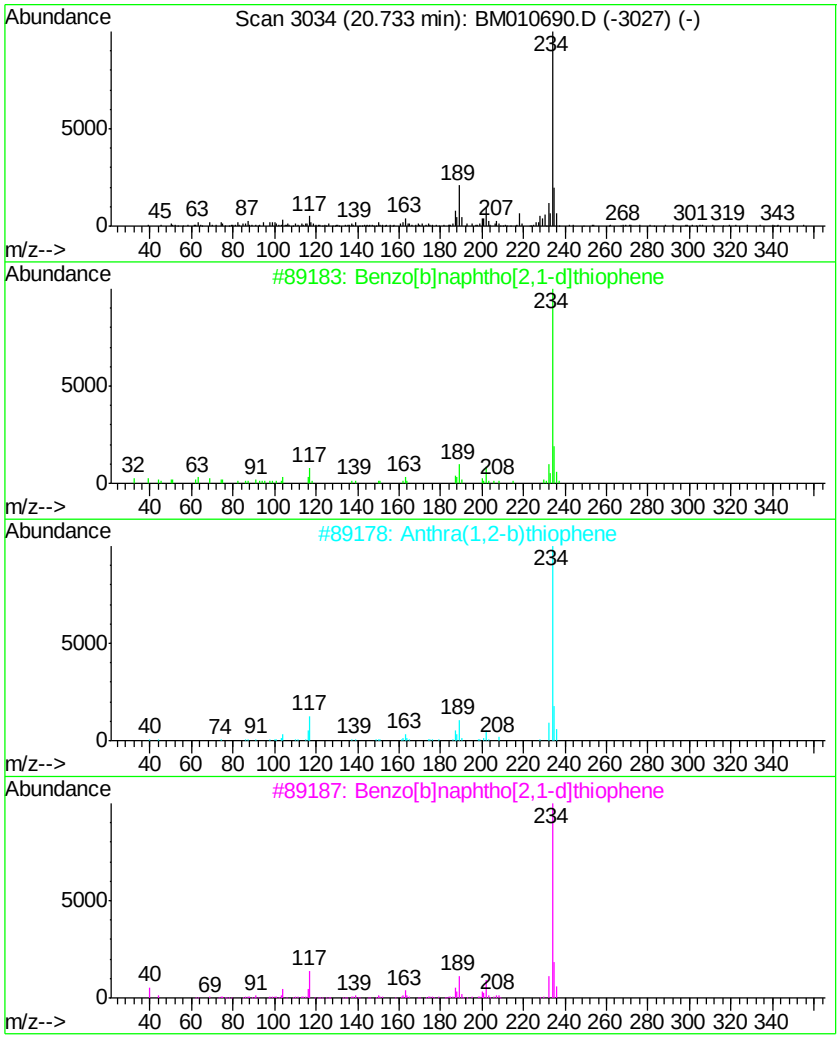
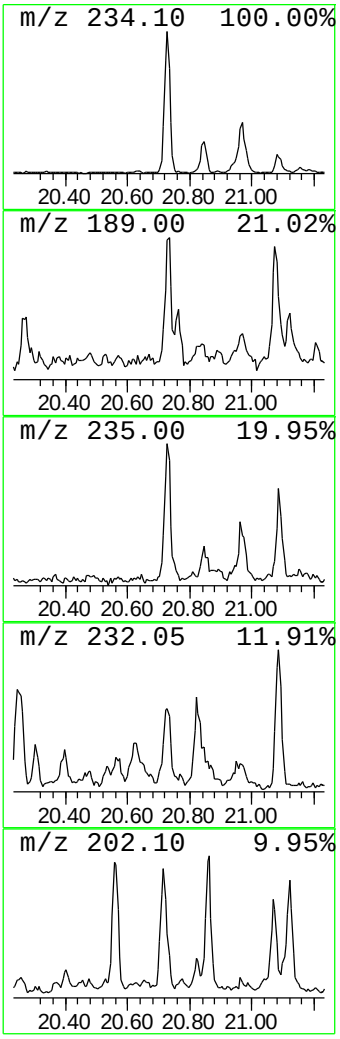
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	2.82 ng/ul	579163	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87





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Acq On : 23 Jun 2017 14:04
Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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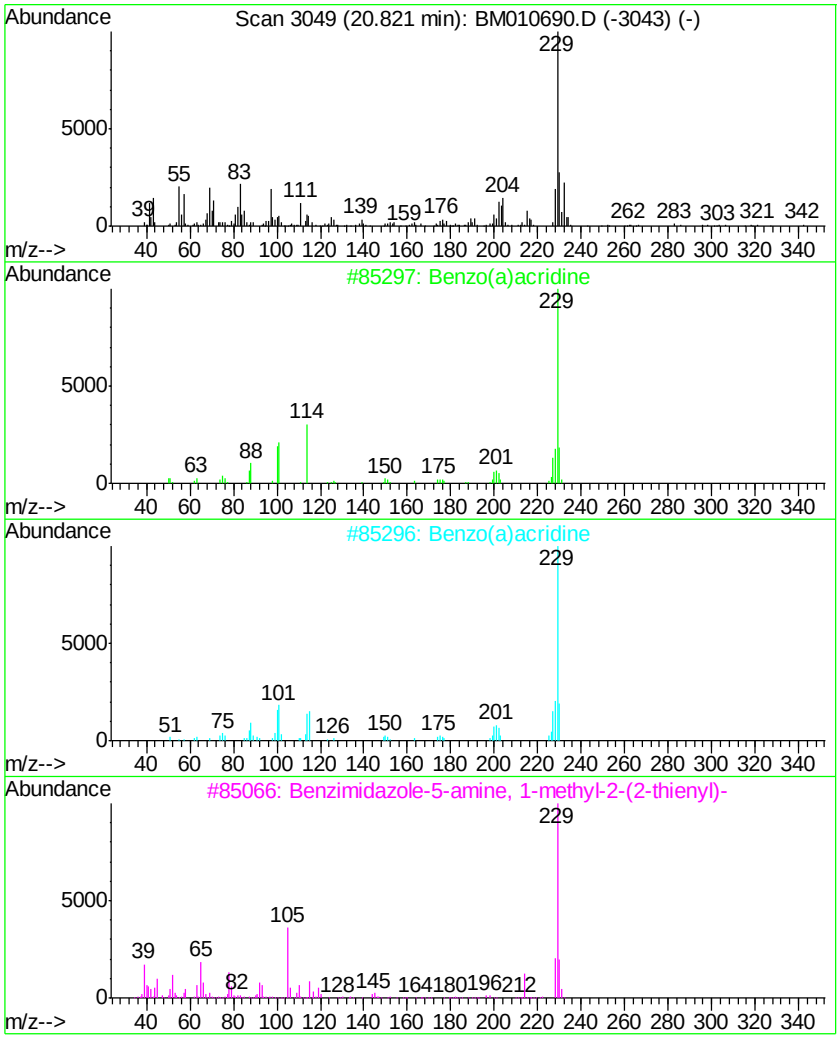
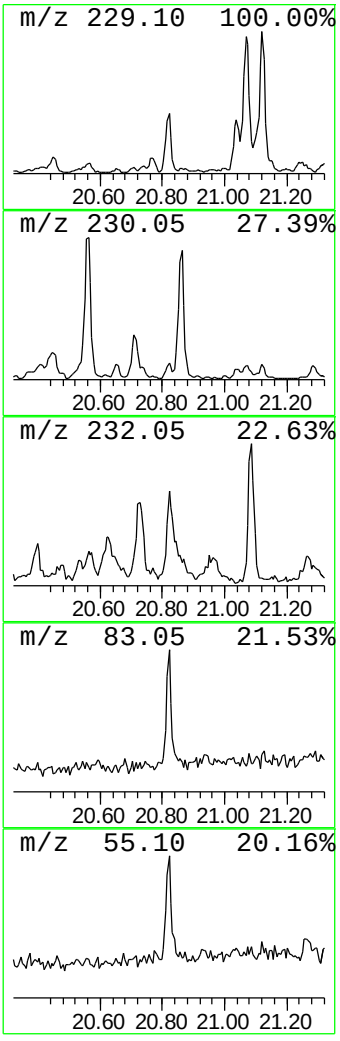
Peak Number 14 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.18 ng/ul	653202	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	49
2	Benzo(a)acridine	229	C17H11N	000225-11-6	49
3	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	47
4	Benz[c]acridine	229	C17H11N	000225-51-4	43
5	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	38





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Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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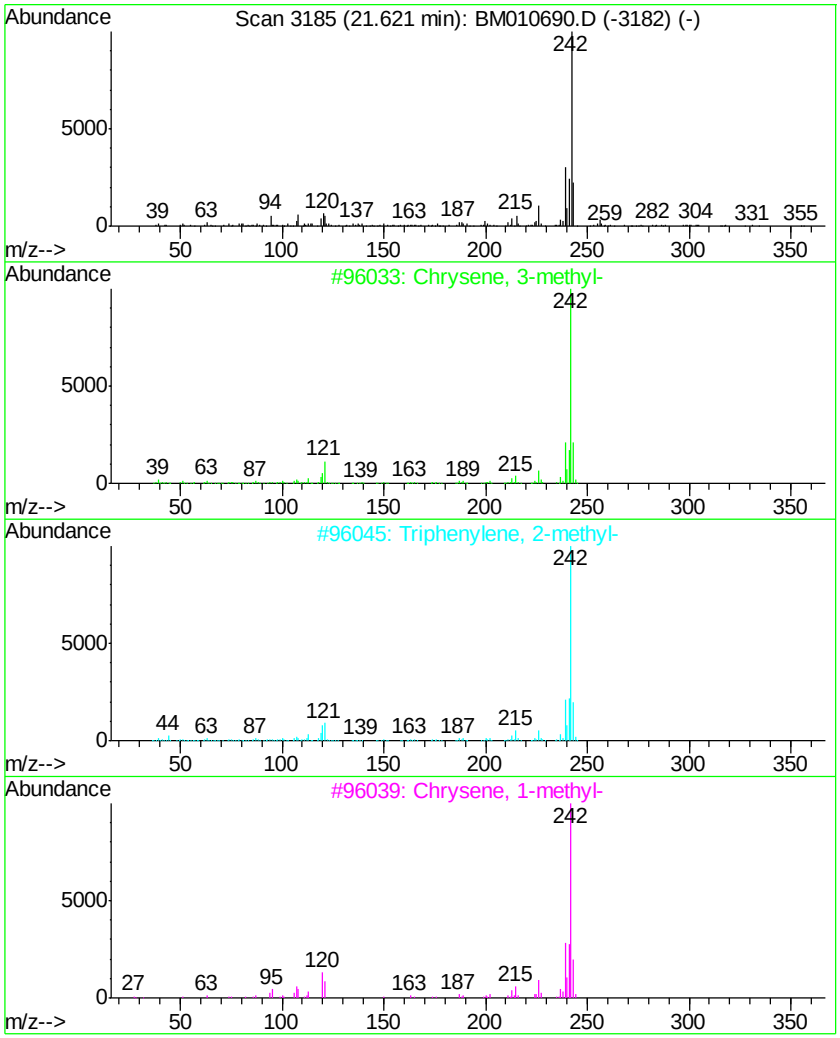
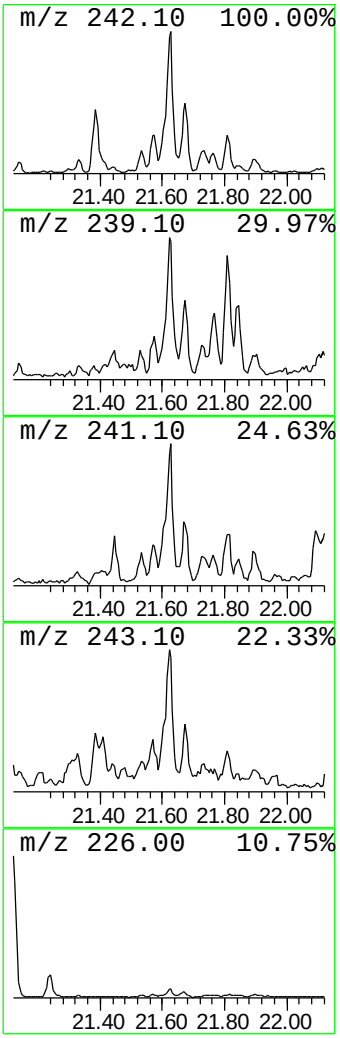
Peak Number 16 Chrysene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	2.04 ng/ul	418921	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
4	Benz[a]anthracene, 6-methyl-	242	C19H14	000316-14-3	91
5	2-Methylchrysene	242	C19H14	003351-32-4	90





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Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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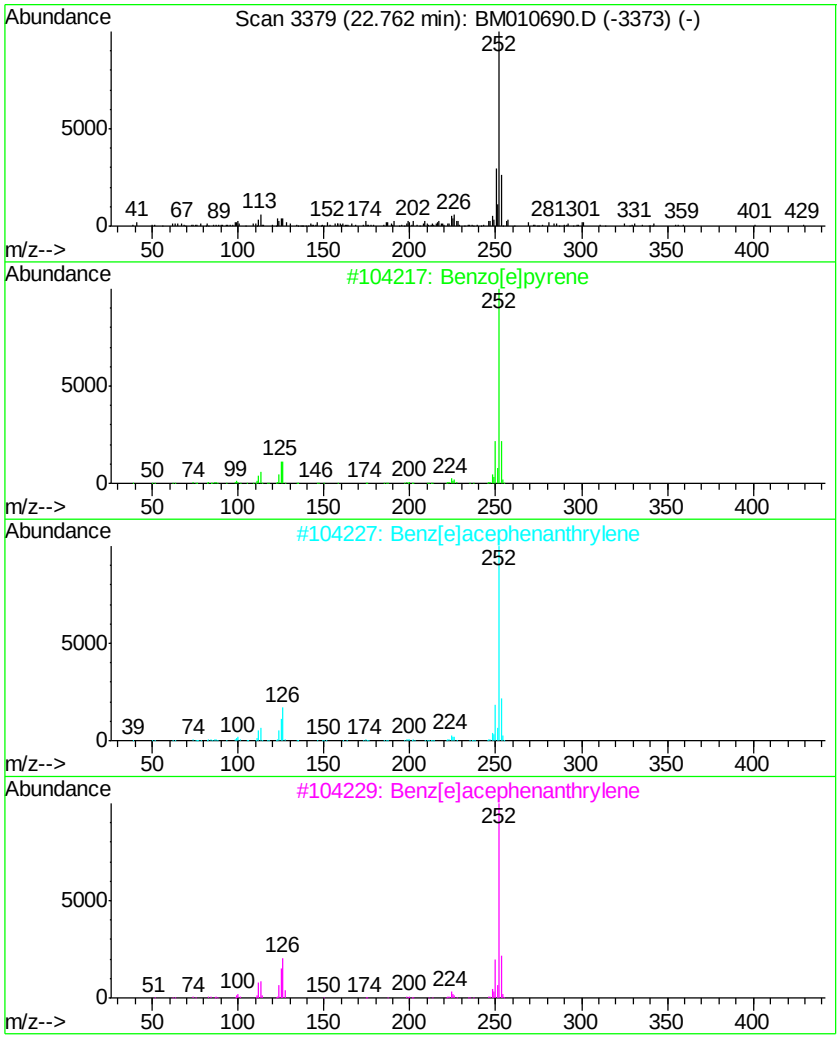
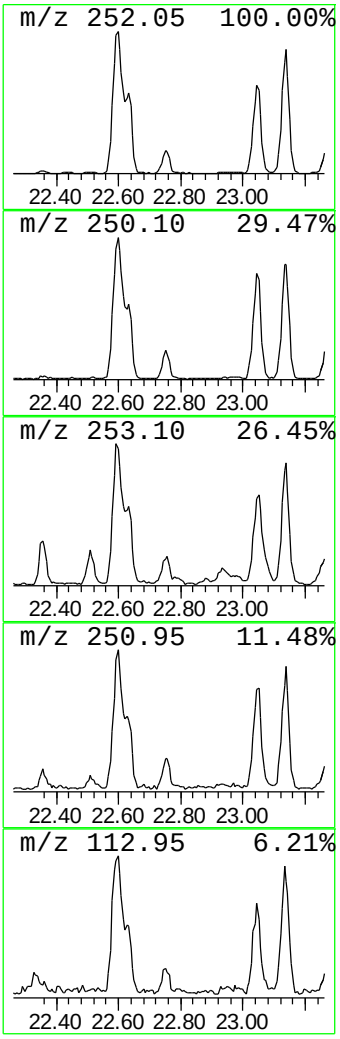
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	7.20 ng/ul	337231	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	74
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74
4	Perylene	252	C20H12	000198-55-0	68
5	Benzo[a]pyrene	252	C20H12	000050-32-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010690.D
Acq On : 23 Jun 2017 14:04
Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D15

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1-m...	17.74	4.2	ng/ul	320715	4	16.87	1546230	20.0
Phenanthrene, 2-m...	17.79	8.8	ng/ul	677842	4	16.87	1546230	20.0
Benzaldehyde, 3,5...	17.93	5.7	ng/ul	441786	4	16.87	1546230	20.0
Anthracene, 2-met...	17.97	2.4	ng/ul	187169	4	16.87	1546230	20.0
Naphthalene, 2-ph...	18.26	2.7	ng/ul	208922	4	16.87	1546230	20.0
9,10-Anthracenedione	18.29	2.5	ng/ul	194706	4	16.87	1546230	20.0
Phenanthrene, 2,5...	18.67	4.6	ng/ul	352554	4	16.87	1546230	20.0
Cyclopenta(def)ph...	18.82	3.4	ng/ul	265544	4	16.87	1546230	20.0
Pyrene, 1-methyl-	19.64	3.1	ng/ul	636098	5	21.09	4112140	20.0
11H-Benzo[b]fluorene	19.81	2.8	ng/ul	582065	5	21.09	4112140	20.0
11H-Benzo[a]fluor...	20.56	2.6	ng/ul	529284	5	21.09	4112140	20.0
Benzo[b]naphtho[2...	20.73	2.8	ng/ul	579163	5	21.09	4112140	20.0
unknown-01	20.82	3.2	ng/ul	653202	5	21.09	4112140	20.0
Chrysene, 3-methyl-	21.62	2.0	ng/ul	418921	5	21.09	4112140	20.0
Benzo[e]pyrene	22.76	7.2	ng/ul	337231	6	23.23	936690	20.0