LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010512.D
Acq On : 11 Jun 2017 07:10
Operator : SJ/MA
Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

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-BM052717.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	7.075	672	678	690	rBV	455705	799193	2.56%	0.327%
2	7.234	698	705	715	rBV	324082	511092	1.64%	0.209%
3	7.428	732	738	748	rBV	537975	890912	2.86%	0.365%
4	7.892	810	817	830	rVB	744432	1189535	3.81%	0.487%
5	8.616	933	940	950	rBV	579080	978799	3.14%	0.401%
6	9.075	1011	1018	1026	rBV	482581	800870	2.57%	0.328%
7	9.786	1131	1139	1147	rBV	444398	770731	2.47%	0.316%
8	10.322	1223	1230	1238	rBV	685098	1228366	3.94%	0.503%
9	10.692	1286	1293	1298	rBV	873820	1519138	4.87%	0.622%
10	10.745	1298	1302	1313	rVB	913555	1471088	4.71%	0.602%
11	10.863	1313	1322	1333	rBV	499405	931552	2.99%	0.381%
12	12.345	1566	1574	1584	rVB	352856	553521	1.77%	0.227%
13	13.945	1840	1846	1850	rBV	1349662	1832061	5.87%	0.750%
14	13.992	1850	1854	1864	rVB	1024437	1435389	4.60%	0.588%
15	14.227	1888	1894	1897	rBV	1373730	2119222	6.79%	0.868%
16	14.527	1935	1945	1952	rBV2	1280635	2075287	6.65%	0.850%
17	14.592	1952	1956	1966	rVB	318755	486622	1.56%	0.199%
18	14.768	1981	1986	1994	rBV	361159	624185	2.00%	0.256%
19	14.927	2006	2013	2018	rBV	494386	764810	2.45%	0.313%
20	15.521	2103	2114	2119	rBV	1799724	2676898	8.58%	1.096%
21	15.574	2119	2123	2130	rVB	742036	1089537	3.49%	0.446%
22	15.651	2130	2136	2141	rBV	504704	789343	2.53%	0.323%
23	16.009	2189	2197	2207	rBV3	174485	395641	1.27%	0.162%
24	16.209	2220	2231	2237	rBV2	623483	1046314	3.35%	0.428%
25	16.933	2350	2354	2361	rBV3	153773	331822	1.06%	0.136%
26	17.004	2361	2366	2371	rVB3	211967	356659	1.14%	0.146%
27	17.274	2407	2412	2416	rBV	1730125	2514438	8.06%	1.029%
28	17.321	2416	2420	2424	rVV	2833146	3789911	12.15%	1.552%
29	17.374	2424	2429	2432	rVV2	2005817	2908125	9.32%	1.191%
30	17.409	2432	2435	2442	rVB	1487834	2086379	6.69%	0.854%
31	17.698	2473	2484	2489	rBV2	642580	1336189	4.28%	0.547%
32	17.792	2495	2500	2508	rBV	229878	439685	1.41%	0.180%
33	18.192	2564	2568	2572	rBV	275969	367928	1.18%	0.151%
34	18.274	2578	2582	2586	rVB2	257124	354594	1.14%	0.145%

LSC Area Percent Report

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Acq On : 11 Jun 2017 07:10
Operator : SJ/MA
Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

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-BM052717.M
Title : SVOA CALIBRATION

35	18.345	2588	2594	2599	rBV	1379720	2091574	6.70%	0.856%
36	18.645	2641	2645	2649	rVB	247620	363976	1.17%	0.149%
37	19.121	2718	2726	2734	rBV5	292130	774126	2.48%	0.317%
38	19.215	2737	2742	2748	rVB	1341381	2001123	6.41%	0.819%
39	19.327	2755	2761	2767	rBV	6305485	8208688	26.31%	3.361%
40	19.386	2767	2771	2775	rBV4	213121	411842	1.32%	0.169%
41	19.480	2783	2787	2791	rBV2	358406	459472	1.47%	0.188%
42	19.580	2799	2804	2811	rVB4	433939	1013555	3.25%	0.415%
43	19.668	2812	2819	2820	rBV2	3150097	4541493	14.55%	1.859%
44	19.698	2820	2824	2830	rVV	23274816	31205247	100.00%	12.776%
45	19.750	2830	2833	2840	rVB2	488688	721743	2.31%	0.295%
46	19.868	2849	2853	2857	rVB	538938	665062	2.13%	0.272%
47	19.915	2857	2861	2865	rBV3	253666	319501	1.02%	0.131%
48	20.003	2870	2876	2877	rBV2	1050272	1529139	4.90%	0.626%
49	20.080	2885	2889	2893	rBV4	342157	606932	1.94%	0.248%
50	20.150	2894	2901	2903	rVV2	1469271	3148751	10.09%	1.289%
51	20.180	2903	2906	2911	rVB	2094498	2761170	8.85%	1.130%
52	20.280	2918	2923	2926	rBV	1580297	2103661	6.74%	0.861%
53	20.339	2926	2933	2937	rVB2	2003172	3455005	11.07%	1.414%
54	20.409	2942	2945	2949	rVB	289494	405857	1.30%	0.166%
55	20.480	2952	2957	2961	rVV	1639384	2355076	7.55%	0.964%
56	20.521	2961	2964	2972	rVB	1136011	1743890	5.59%	0.714%
57	20.609	2975	2979	2986	rBV4	567785	1102514	3.53%	0.451%
58	20.721	2994	2998	3000	rBV2	321727	554715	1.78%	0.227%
59	20.880	3021	3025	3028	rBV3	598098	902320	2.89%	0.369%
60	20.927	3029	3033	3038	rVB2	973236	1638977	5.25%	0.671%
61	21.092	3057	3061	3064	rBV2	1495242	2079746	6.66%	0.851%
62	21.133	3064	3068	3071	rVV	1422370	1840629	5.90%	0.754%
63	21.168	3071	3074	3079	rVB2	2206152	2835695	9.09%	1.161%
64	21.333	3098	3102	3107	rVB2	658448	932376	2.99%	0.382%
65	21.433	3112	3119	3125	rBV2	11957672	24548167	78.67%	10.050%
66	21.486	3125	3128	3132	rVB	7500944	8927837	28.61%	3.655%
67	21.603	3144	3148	3153	rBV2	1324868	2058433	6.60%	0.843%
68	21.662	3154	3158	3161	rBV3	570519	964392	3.09%	0.395%
69	21.756	3171	3174	3180	rVV	975002	1390018	4.45%	0.569%
70	21.809	3180	3183	3191	rVB4	935431	1724943	5.53%	0.706%
71	21.944	3203	3206	3209	rBV2	612762	896468	2.87%	0.367%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

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-BM052717.M
Title : SVOA CALIBRATION

72	22.003	3209	3216	3220	rVV	2358196	4310481	13.81%	1.765%
73	22.056	3222	3225	3230	rVB	930939	1283659	4.11%	0.526%
74	22.215	3248	3252	3256	rBV2	1123444	1931896	6.19%	0.791%
75	22.309	3264	3268	3273	rVB2	735564	1122243	3.60%	0.459%
76	22.515	3299	3303	3308	rBV3	531300	1055189	3.38%	0.432%
77	22.809	3347	3353	3362	rBV6	1164698	2850899	9.14%	1.167%
78	23.080	3391	3399	3404	rBV	11953492	27299361	87.48%	11.176%
79	23.250	3423	3428	3436	rBV	1645330	2980240	9.55%	1.220%
80	23.580	3478	3484	3489	rBV	4885666	9147941	29.32%	3.745%
81	23.633	3489	3493	3497	rVV2	1755197	3232220	10.36%	1.323%
82	23.685	3497	3502	3507	rVB	6146308	10448399	33.48%	4.278%
83	23.785	3514	3519	3523	rBV	1641071	3075219	9.85%	1.259%
84	23.833	3523	3527	3534	rVB	1899839	3598504	11.53%	1.473%
85	26.162	3915	3923	3933	rVB2	2447550	7172009	22.98%	2.936%

Sum of corrected areas: 244258209

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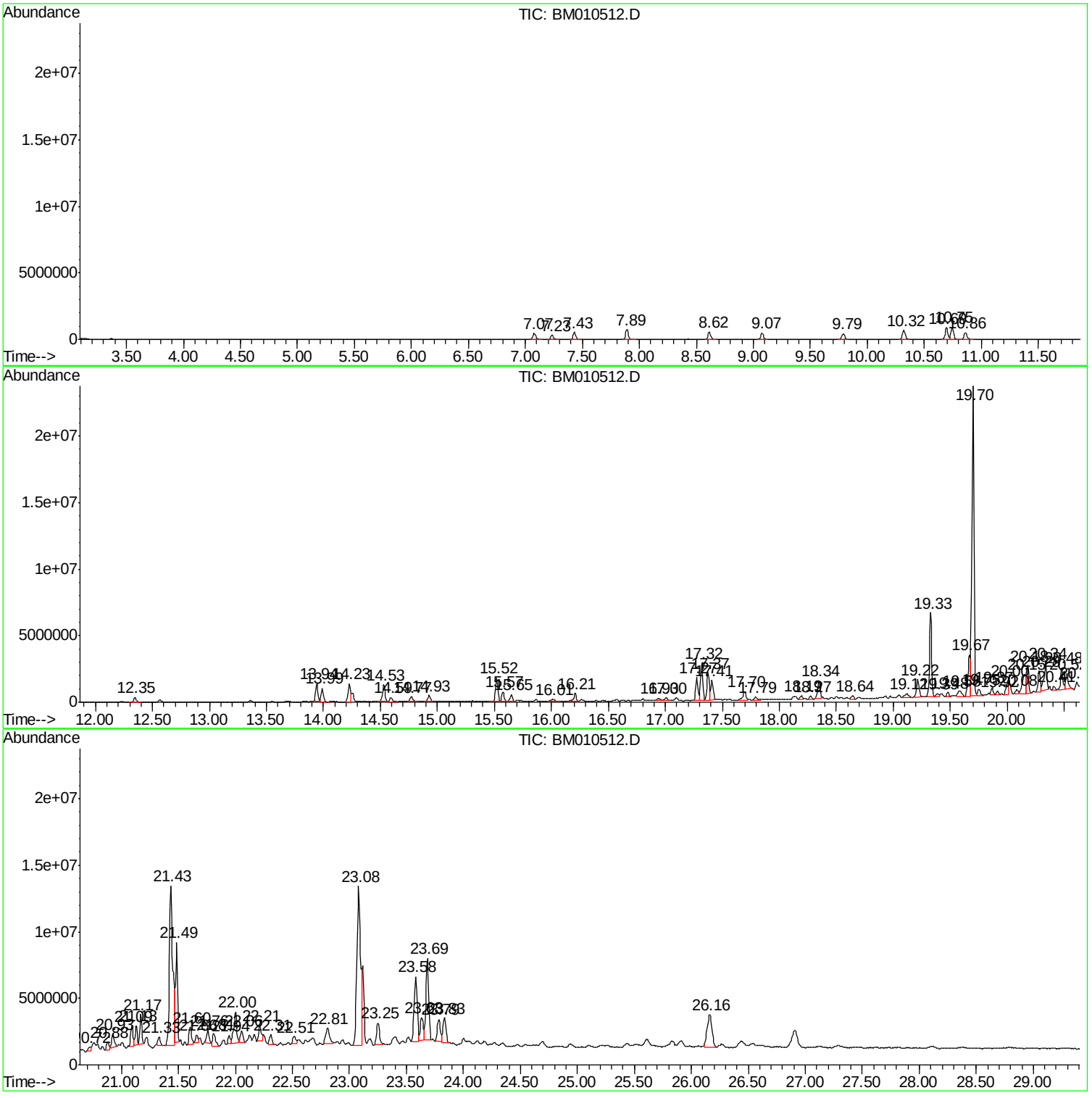
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010512.D
Acq On : 11 Jun 2017 07:10
Operator : SJ/MA
Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

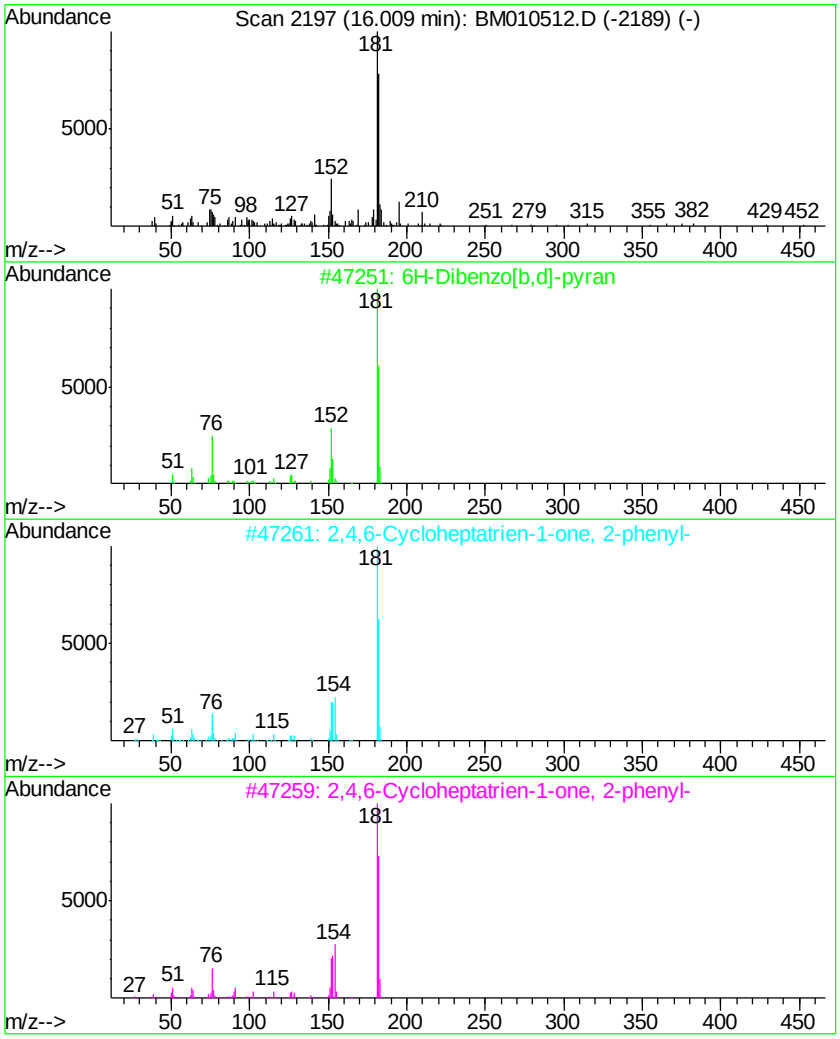
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

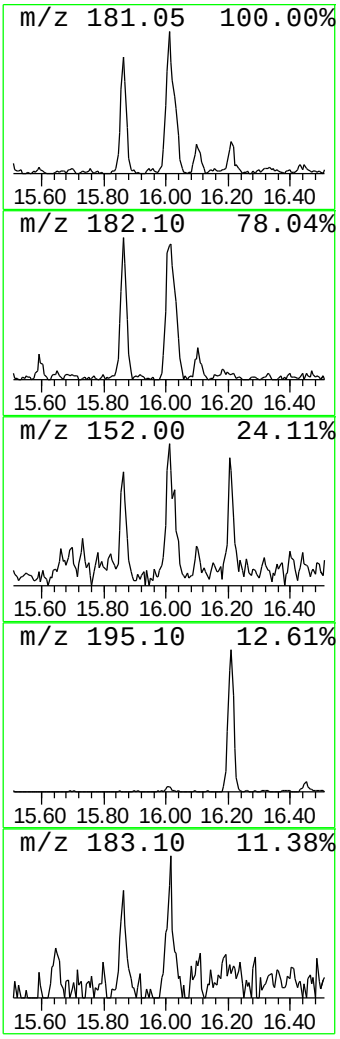
****

Peak Number 1 6H-Dibenzo[b,d]-pyran Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	3.15 ng/ul	395641	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
5	9H-Xanthene	182	C13H10O	000092-83-1	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010512.D
Acq On : 11 Jun 2017 07:10
Operator : SJ/MA
Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

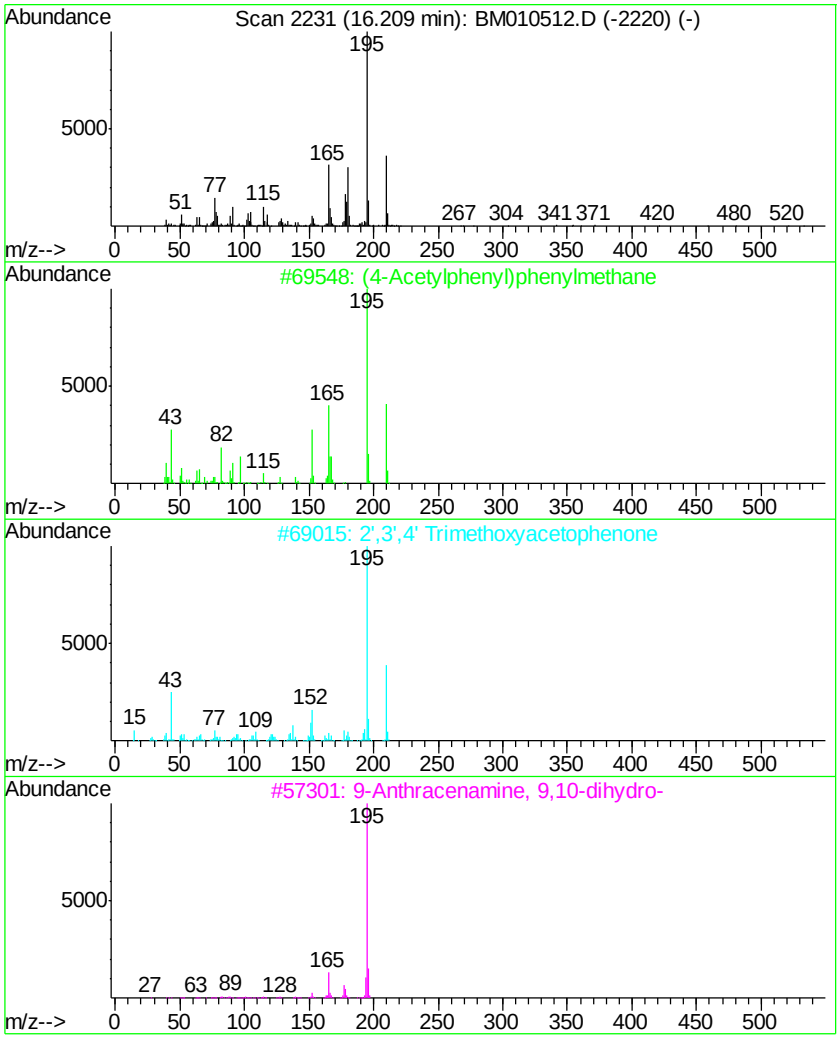
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

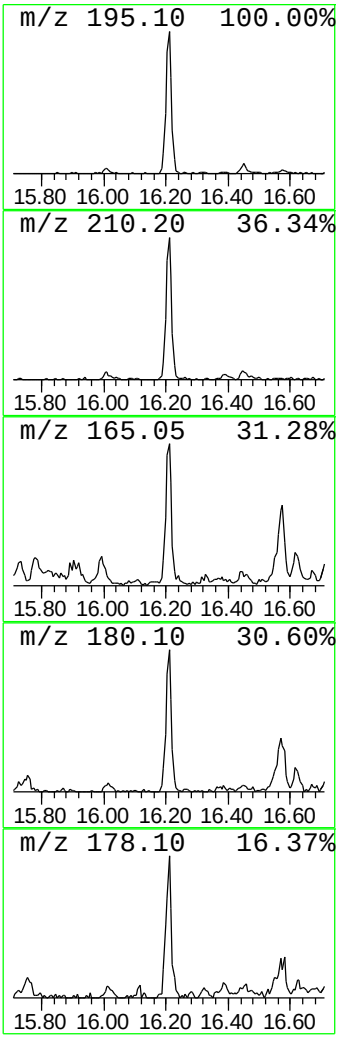
****

Peak Number 2 (4-Acetylphenyl)phenylmethane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	8.32 ng/ul	1046310	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	68
2	2',3',4' Trimethoxyacetophenone	210	C11H14O4	013909-73-4	58
3	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	58
4	2-Amino-6,7-dimethyl-5,6,7,8-tet...	195	C8H13N5O	1000239-36-2	53
5	2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	52





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Data File : BM010512.D
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Operator : SJ/MA
Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

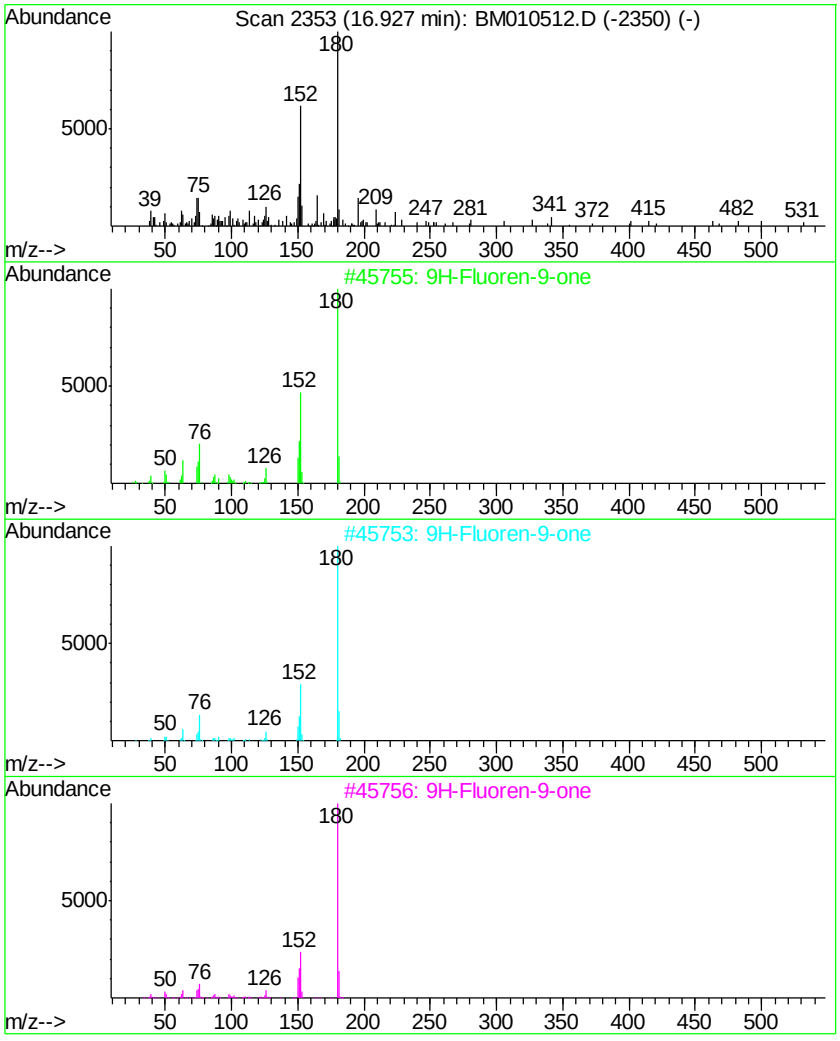
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

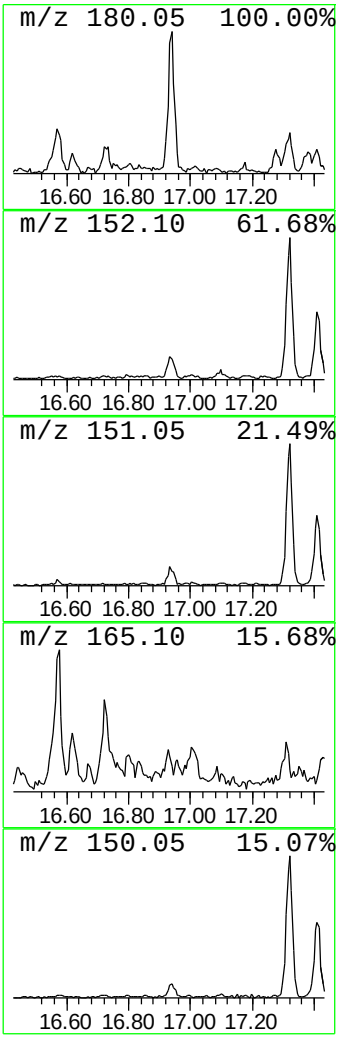
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	2.64 ng/ul	331822	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	78





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010512.D
Acq On : 11 Jun 2017 07:10
Operator : SJ/MA
Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

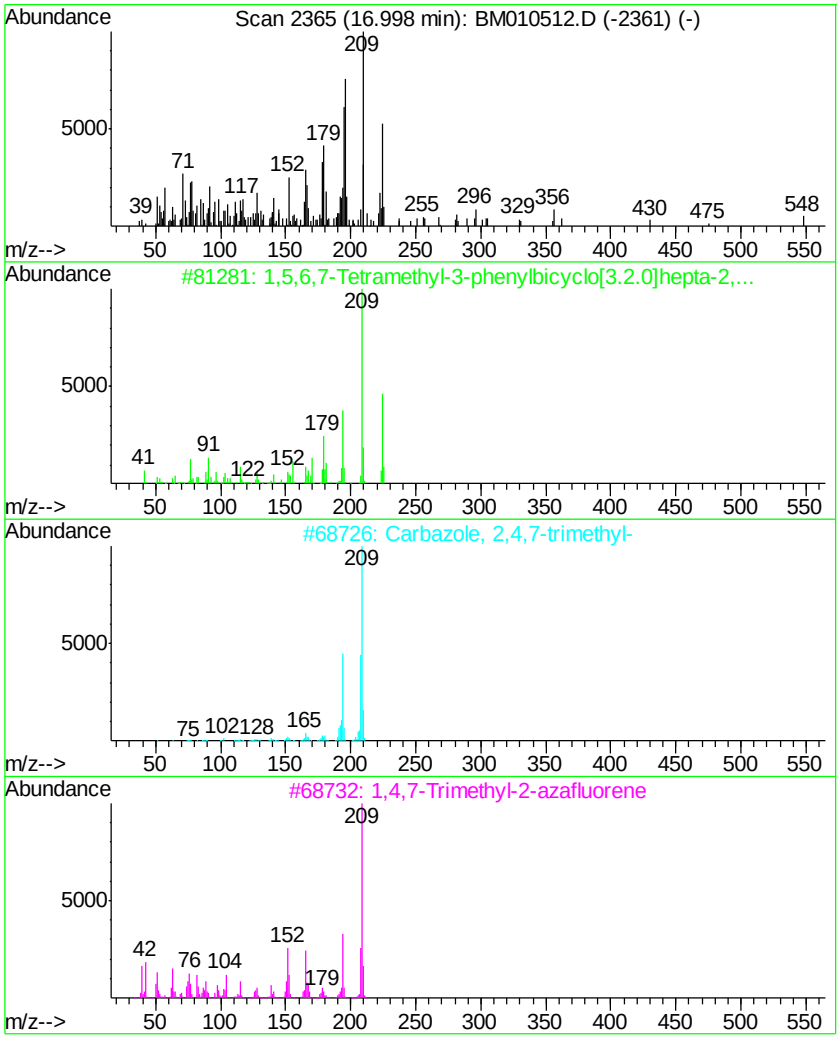
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

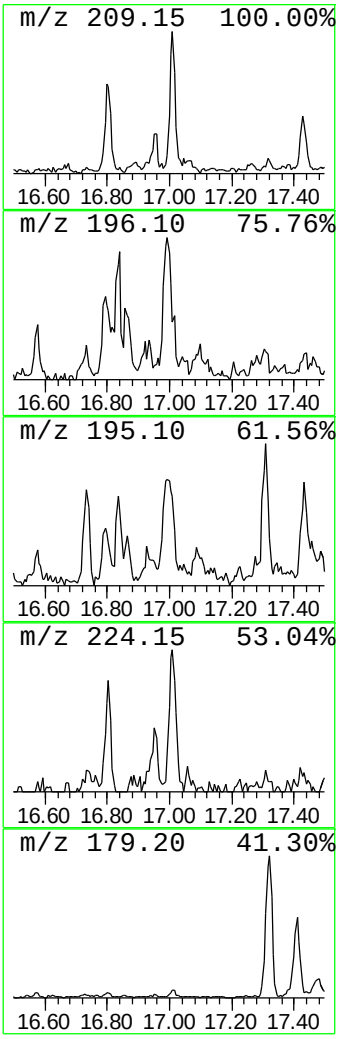
****

Peak Number 4 1,5,6,7-Tetramethyl-3-pheny... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	2.84 ng/ul	356659	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20	126584-00-7	58
2	Carbazole, 2,4,7-trimethyl-	209	C15H15N	078787-89-0	53
3	1,4,7-Trimethyl-2-azafluorene	209	C15H15N	062736-78-1	53
4	Indeno[2,1-c]pyridine, 1,4,6-tri...	209	C15H15N	062736-77-0	46
5	Carbazole, 2,4,6-trimethyl-	209	C15H15N	078787-88-9	45





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010512.D
Acq On : 11 Jun 2017 07:10
Operator : SJ/MA
Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

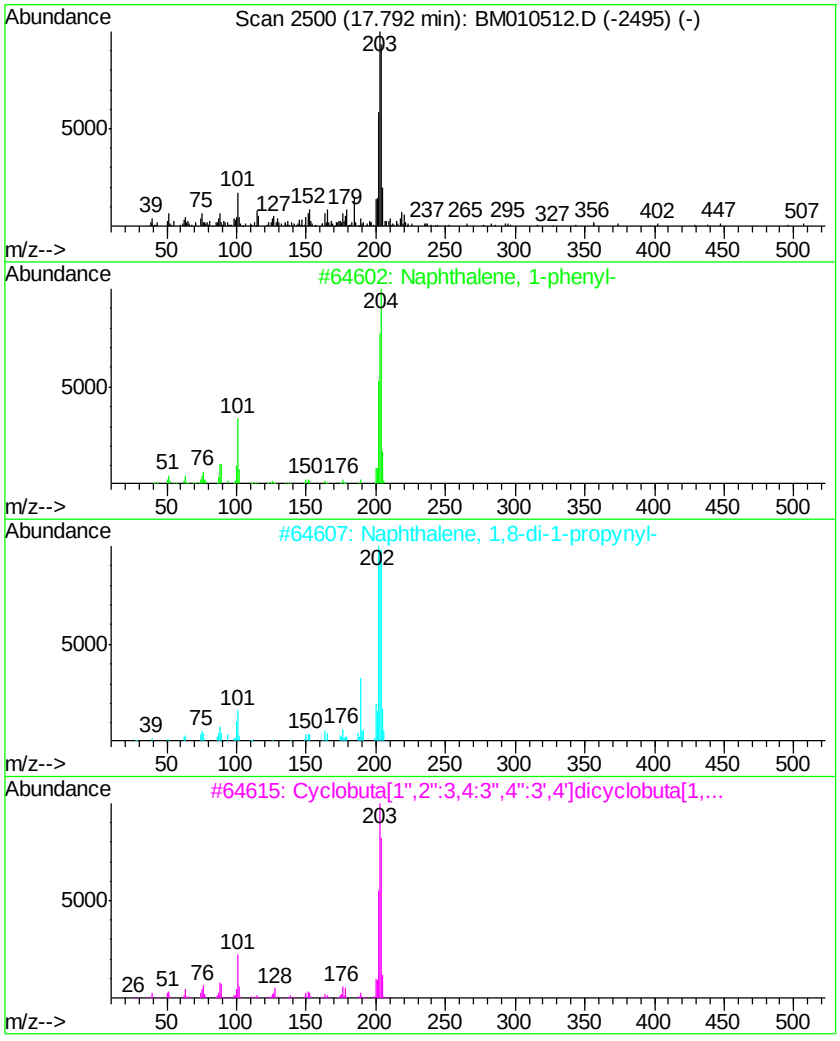
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

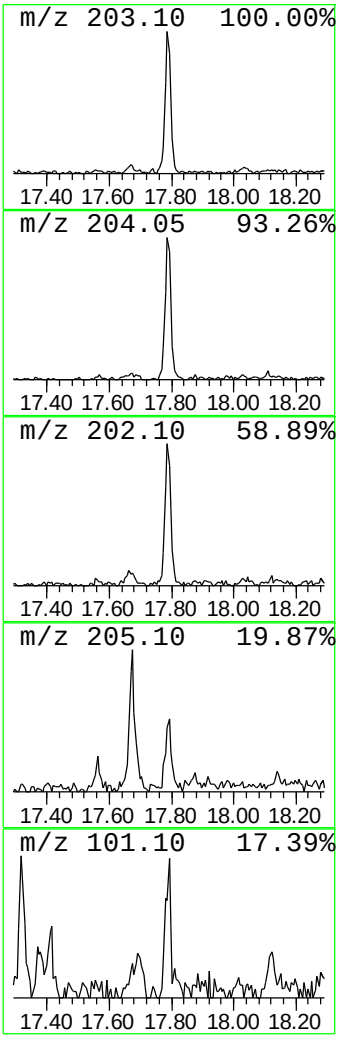
****

Peak Number 5 Naphthalene, 1-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.50 ng/ul	439685	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
2	Naphthalene, 1,8-di-1-propynyl-	204	C16H12	022360-77-6	86
3	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	83
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	83
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010512.D
Acq On : 11 Jun 2017 07:10
Operator : SJ/MA
Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

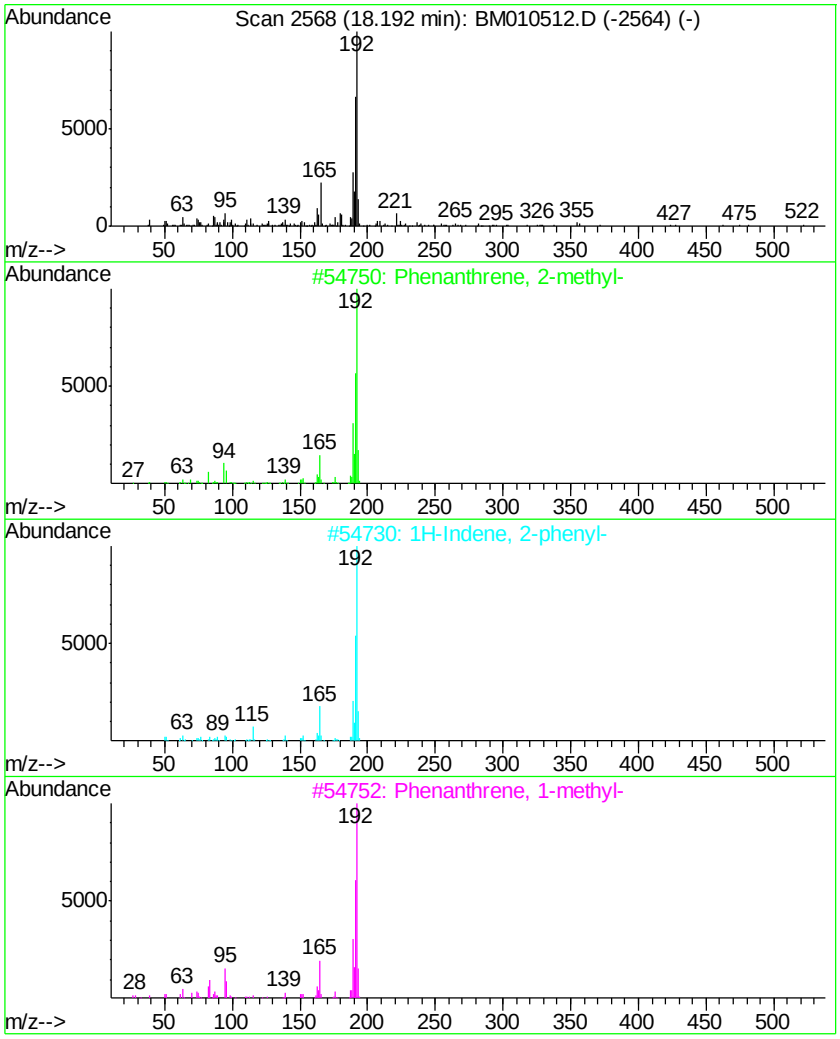
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

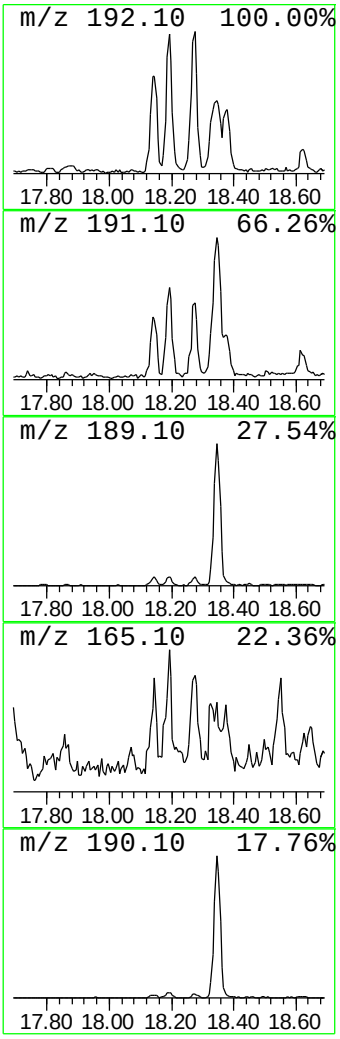
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.93 ng/ul	367928	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010512.D
Acq On : 11 Jun 2017 07:10
Operator : SJ/MA
Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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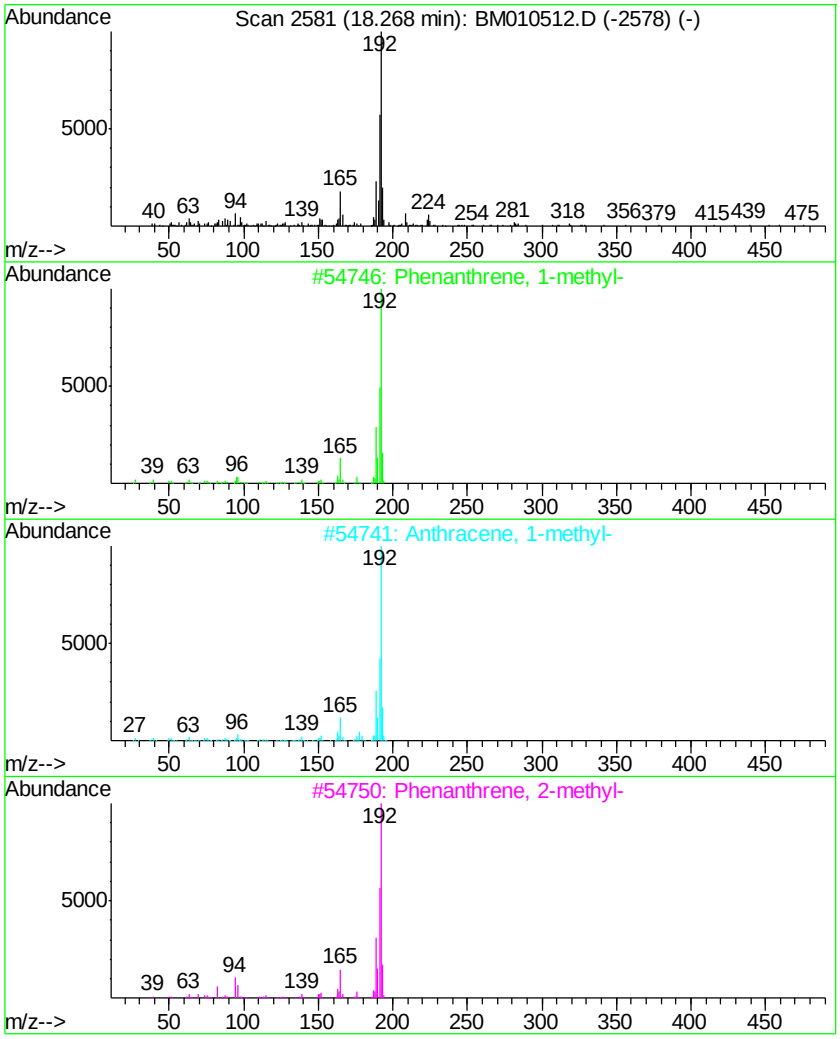
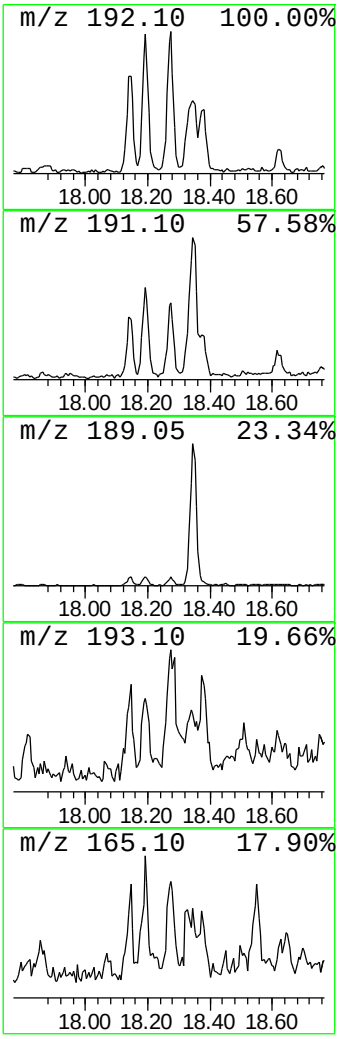
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.82 ng/ul	354594	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81





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Instrument : BNA_M
ClientSampleId : F5C55

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Quant Title : SVOA CALIBRATION

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

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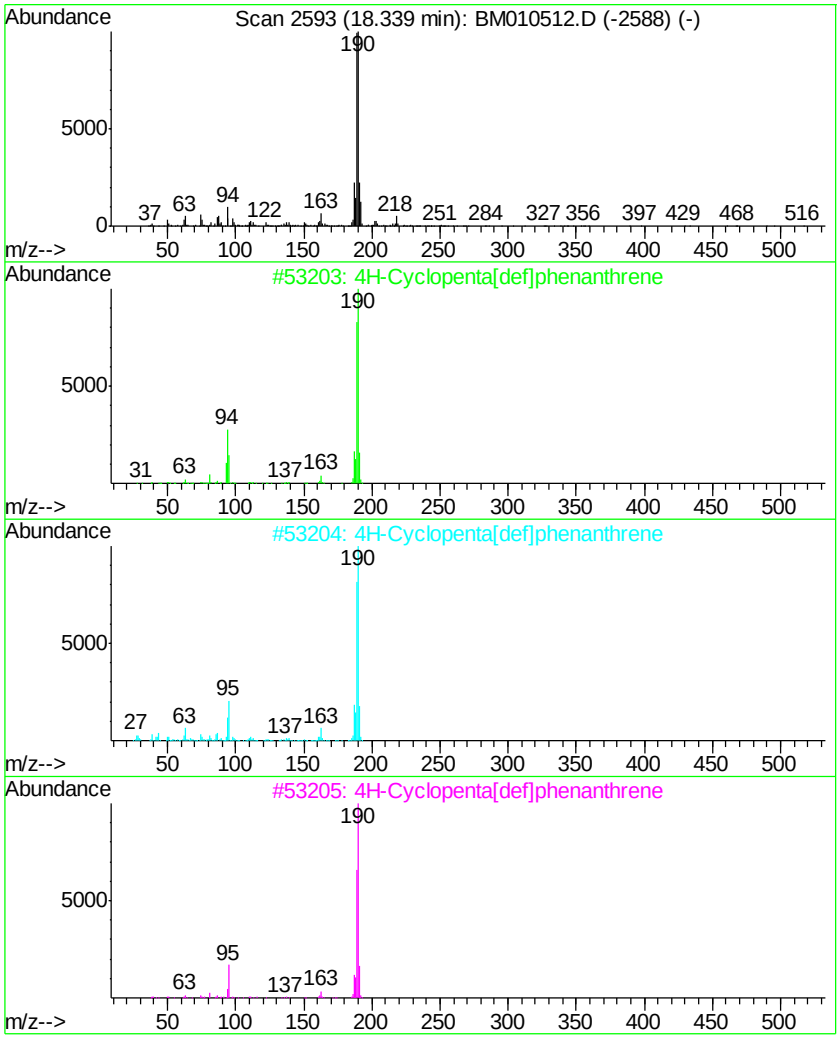
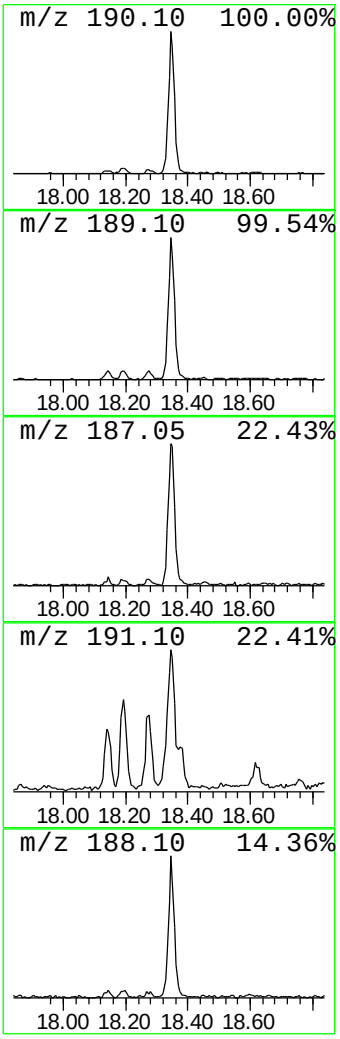
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	16.64 ng/ul	2091570	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	83
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64





Library Search Compound Report

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Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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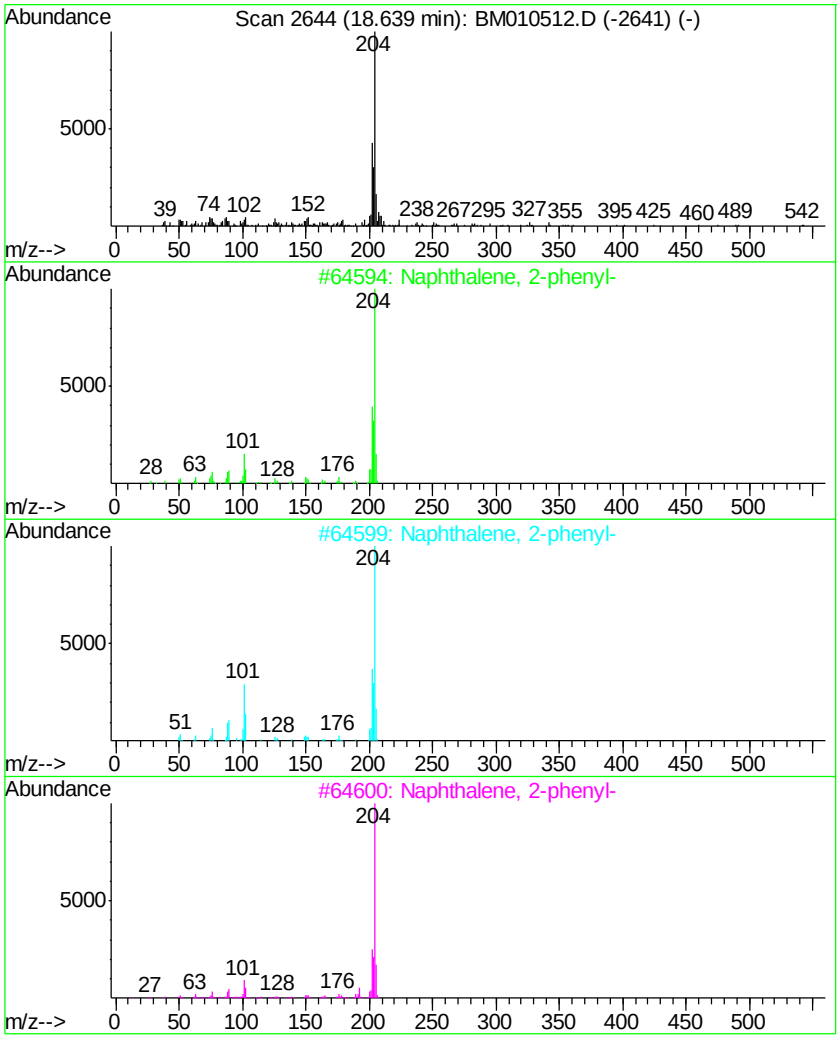
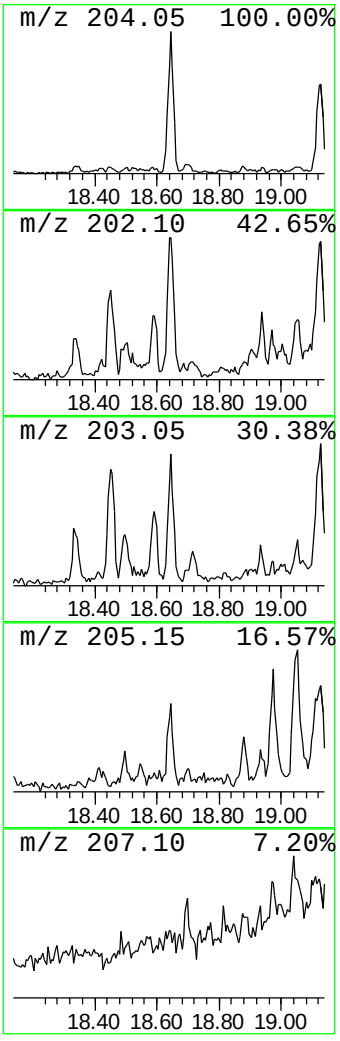
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.90 ng/ul	363976	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	56
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	55





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Instrument : BNA_M
ClientSampleId : F5C55

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Quant Title : SVOA CALIBRATION

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

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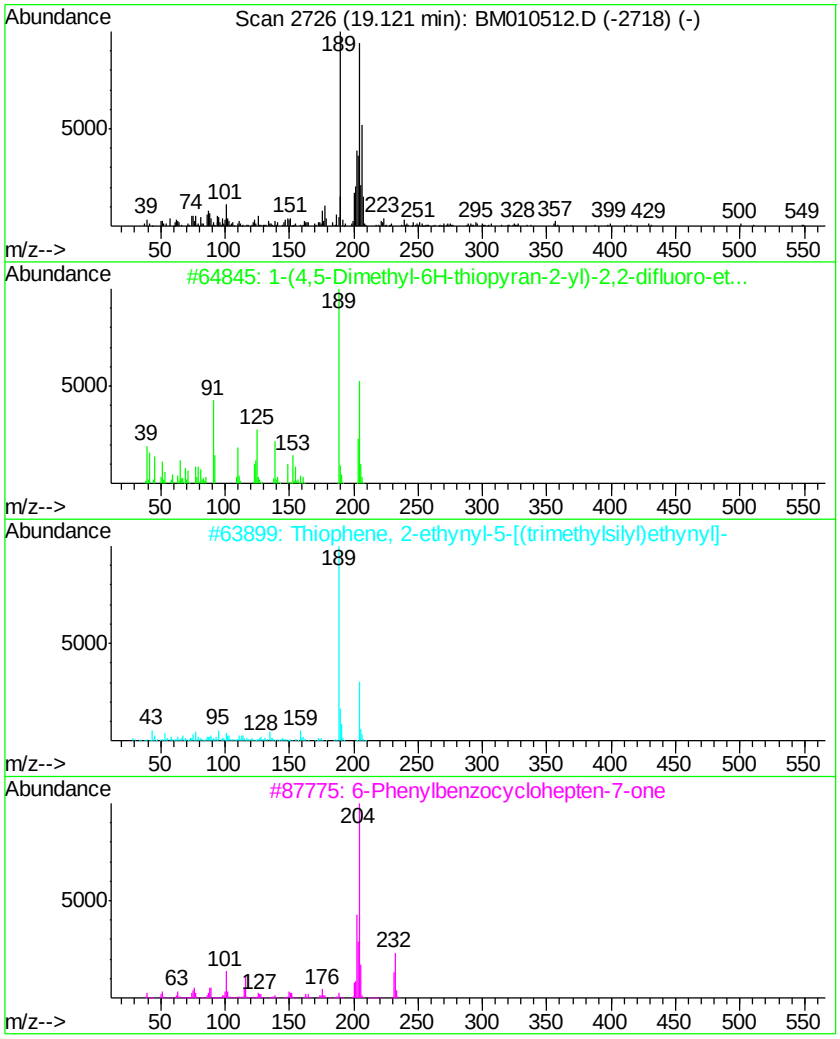
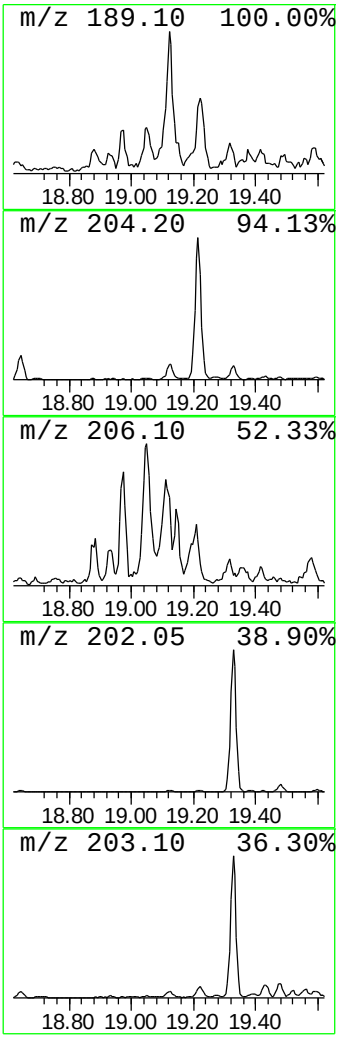
Peak Number 10 1-(4,5-Dimethyl-6H-thiopyra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	6.16 ng/ul	774126	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	50
2	Thiophene, 2-ethynyl-5-[(trimeth...	204	C11H12SSi	182323-29-1	47
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	43
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	35
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	35





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Acq On : 11 Jun 2017 07:10
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Sample : I3521-07
Misc :
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Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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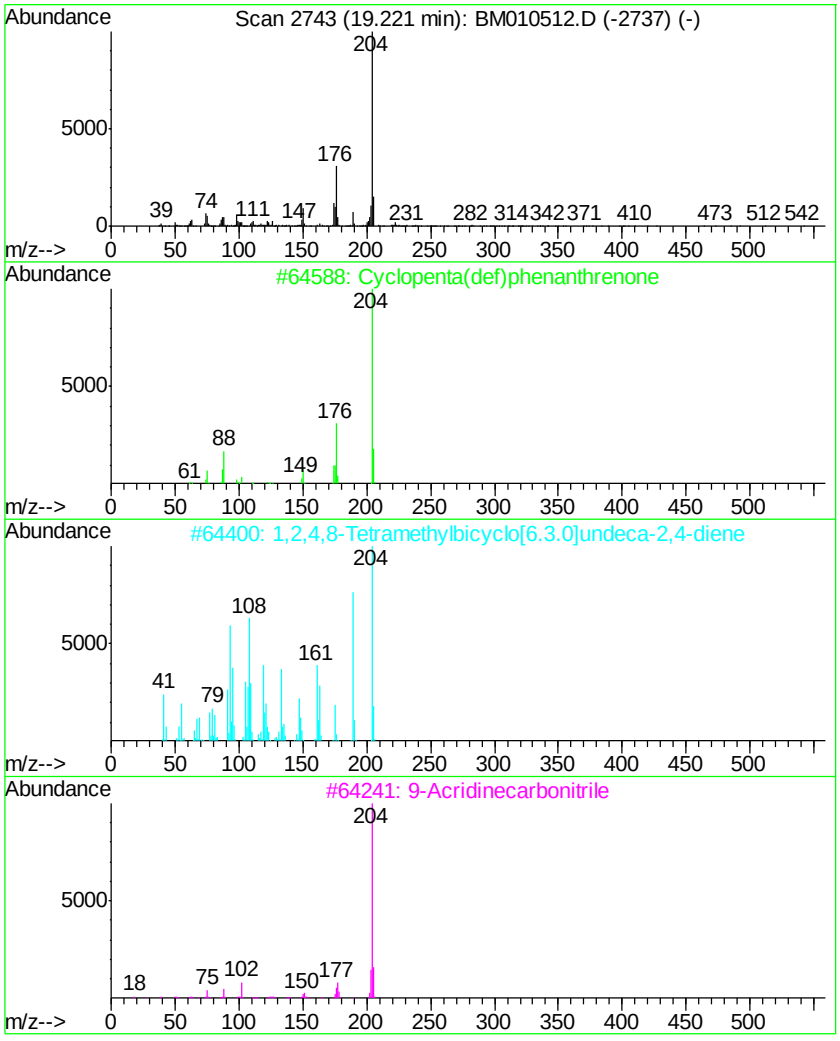
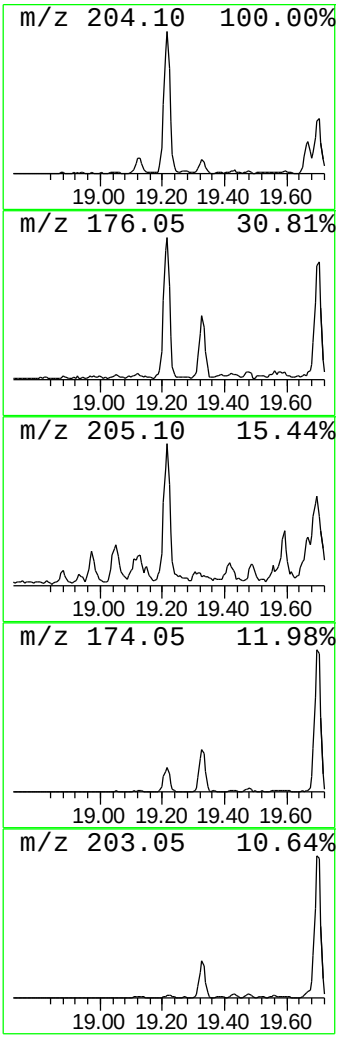
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	15.92 ng/ul	2001120	Phenanthrene-d10	17.27

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	58
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
4	1,4-Naphthalenedione, 2-hydroxy-...	204	C11H8O4	005257-83-0	53
5	4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	50





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Acq On : 11 Jun 2017 07:10
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Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

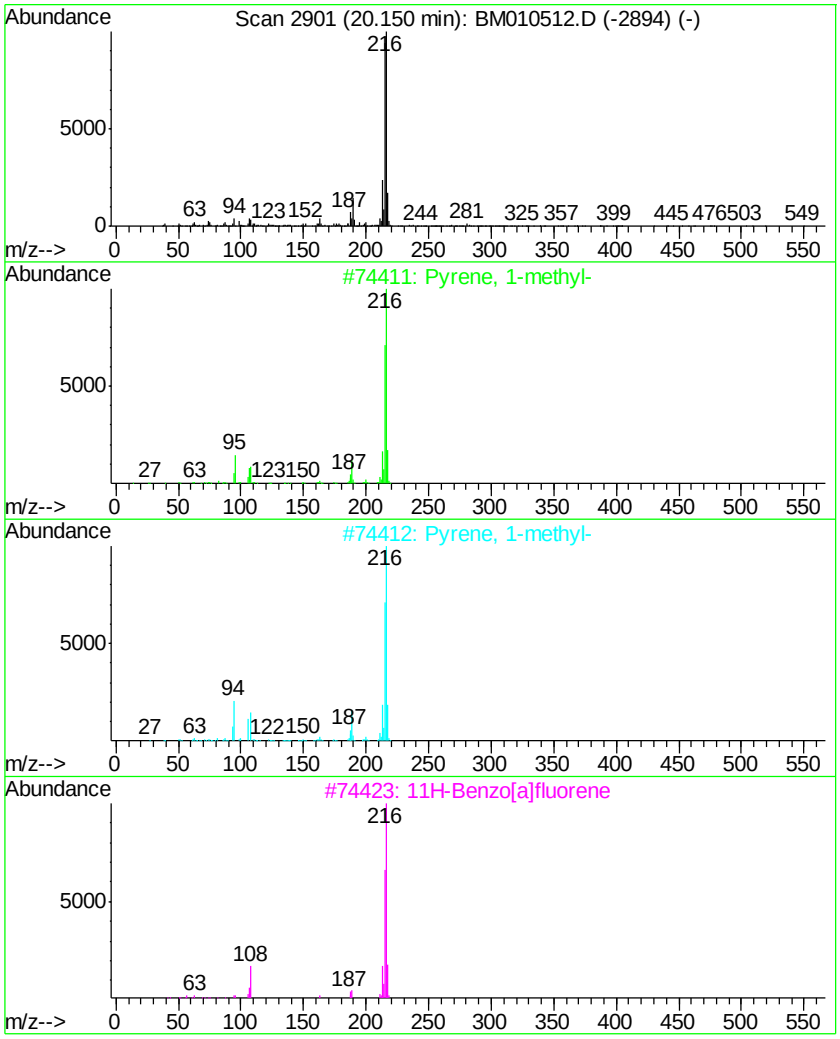
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

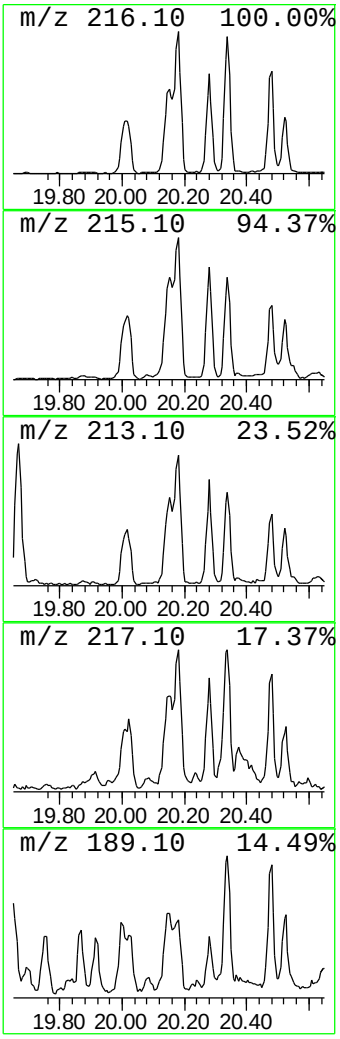
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	2.57 ng/ul	3148750	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89





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Acq On : 11 Jun 2017 07:10
Operator : SJ/MA
Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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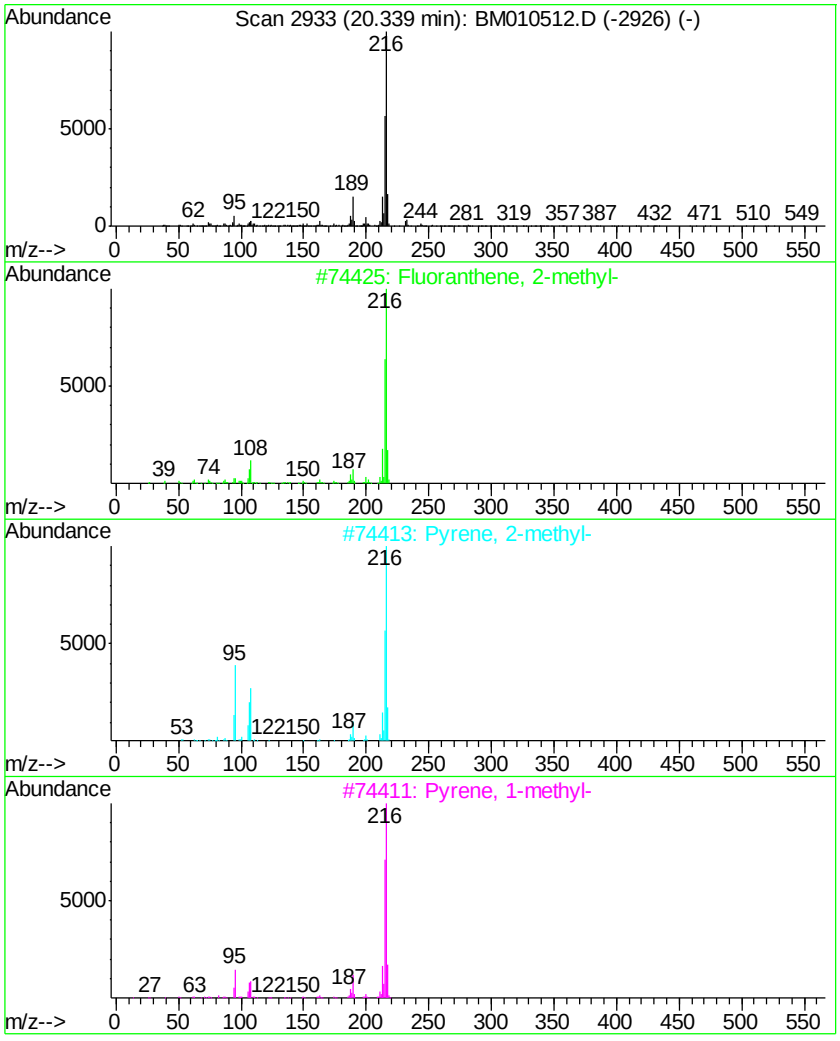
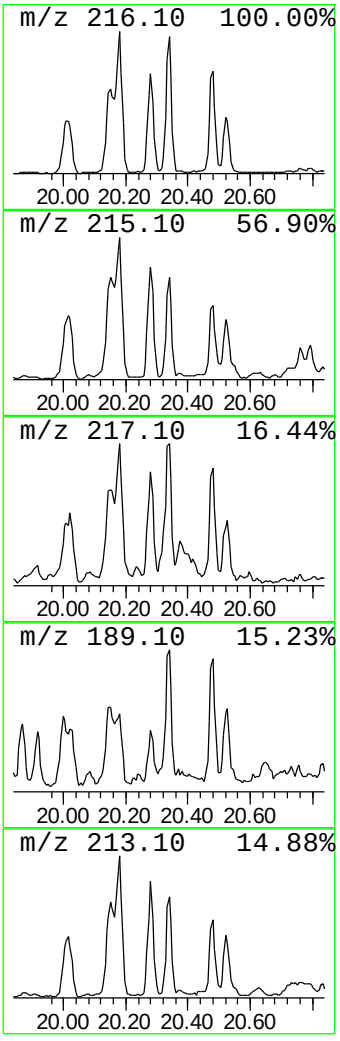
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	2.81 ng/ul	3455010	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





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Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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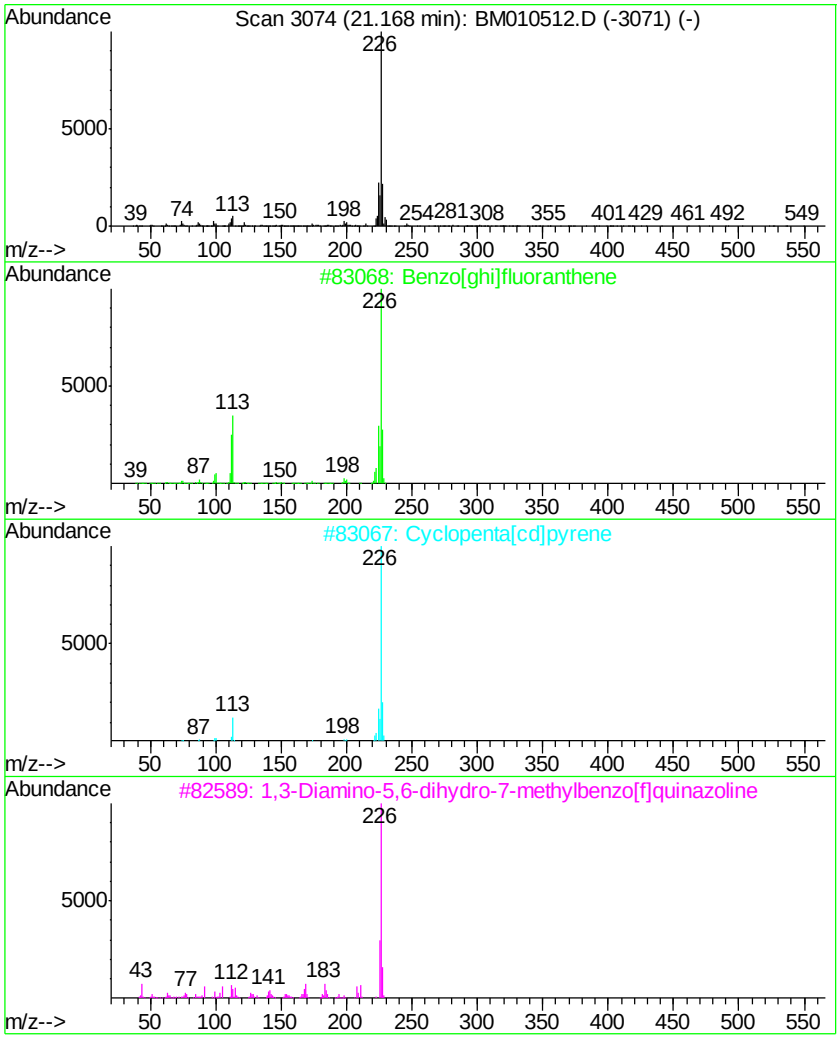
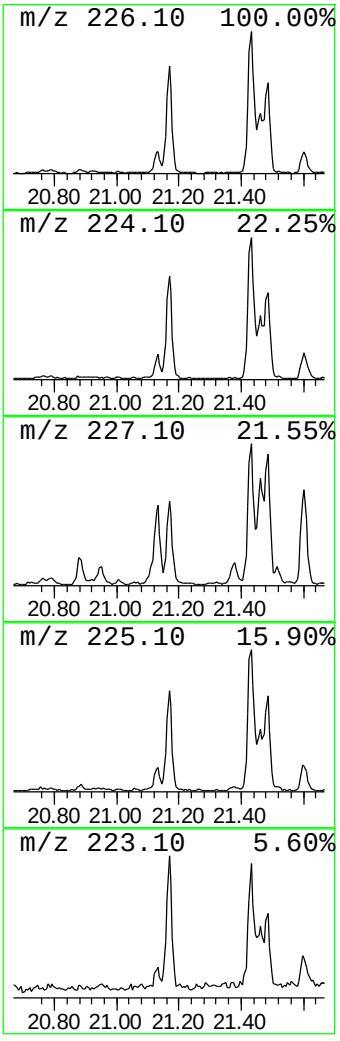
Peak Number 15 Benzo[ghi]fluoranthene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.31 ng/ul	2835700	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	81
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	72
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	40
4	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	40
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	36





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Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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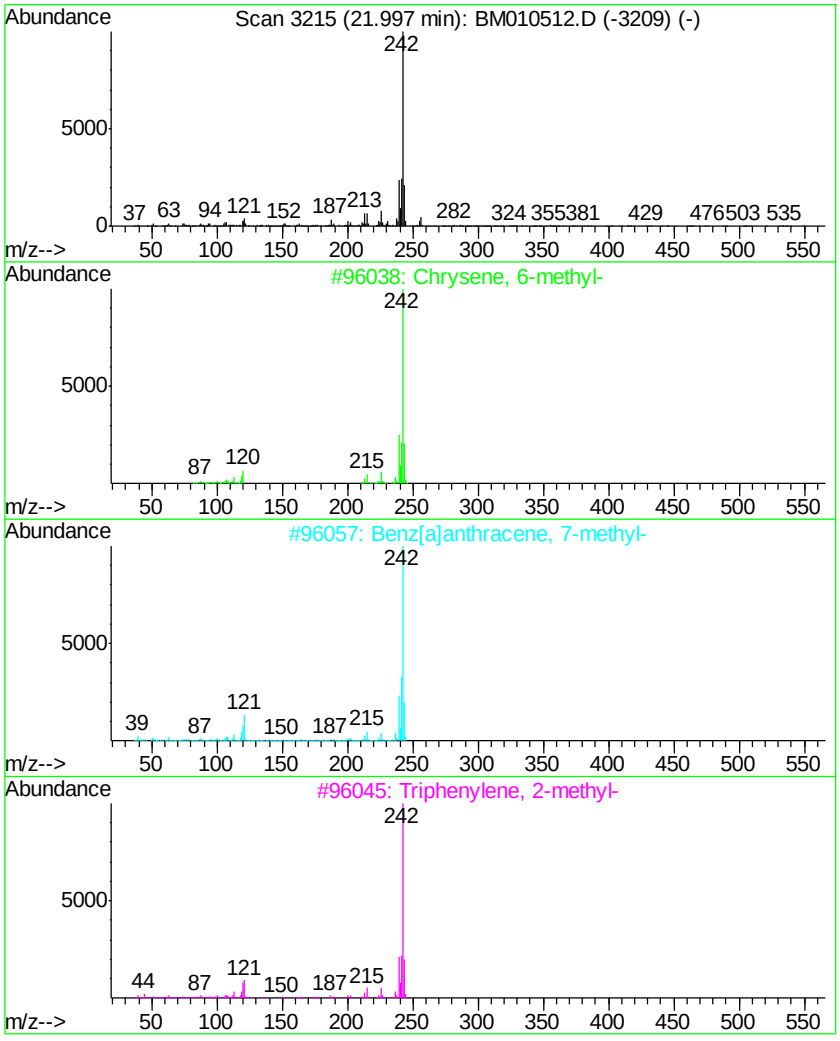
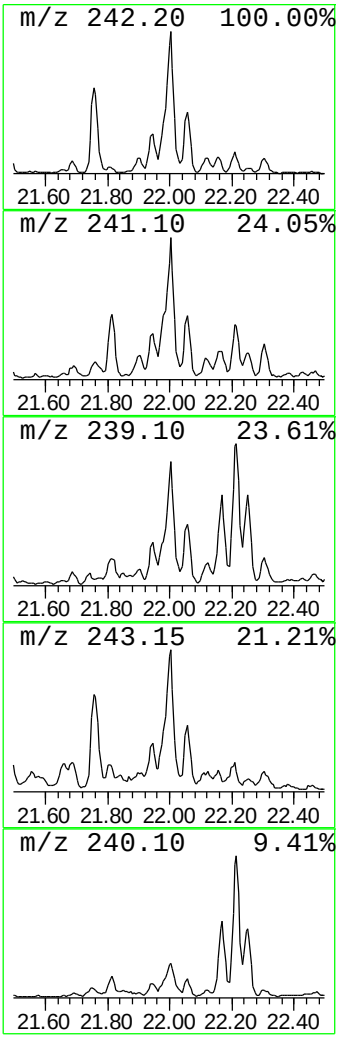
Peak Number 16 Chrysene, 6-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	3.51 ng/ul	4310480	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	94
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	91
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	91





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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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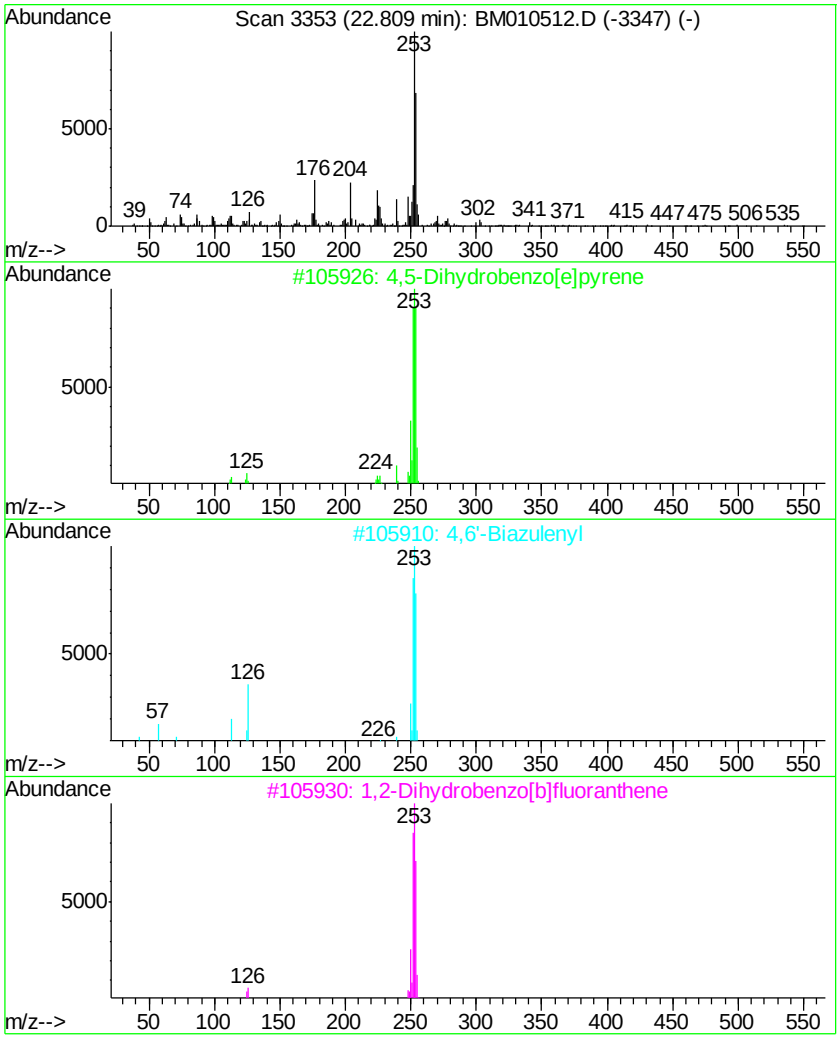
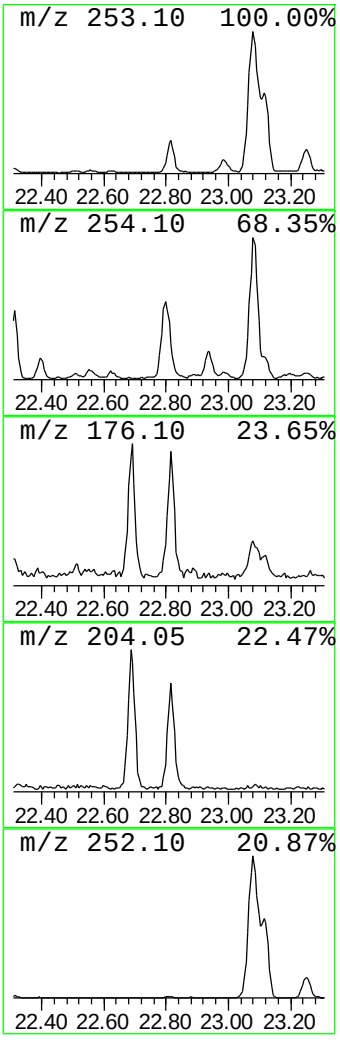
Peak Number 17 4,5-Dihydrobenzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	18.54 ng/ul	2850900	Perylene-d12	23.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	83
2	4,6'-Biazulenyl	254	C20H14	094154-49-1	53
3	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	52
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	52
5	4,4'-Biazulenyl	254	C20H14	094053-54-0	49





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ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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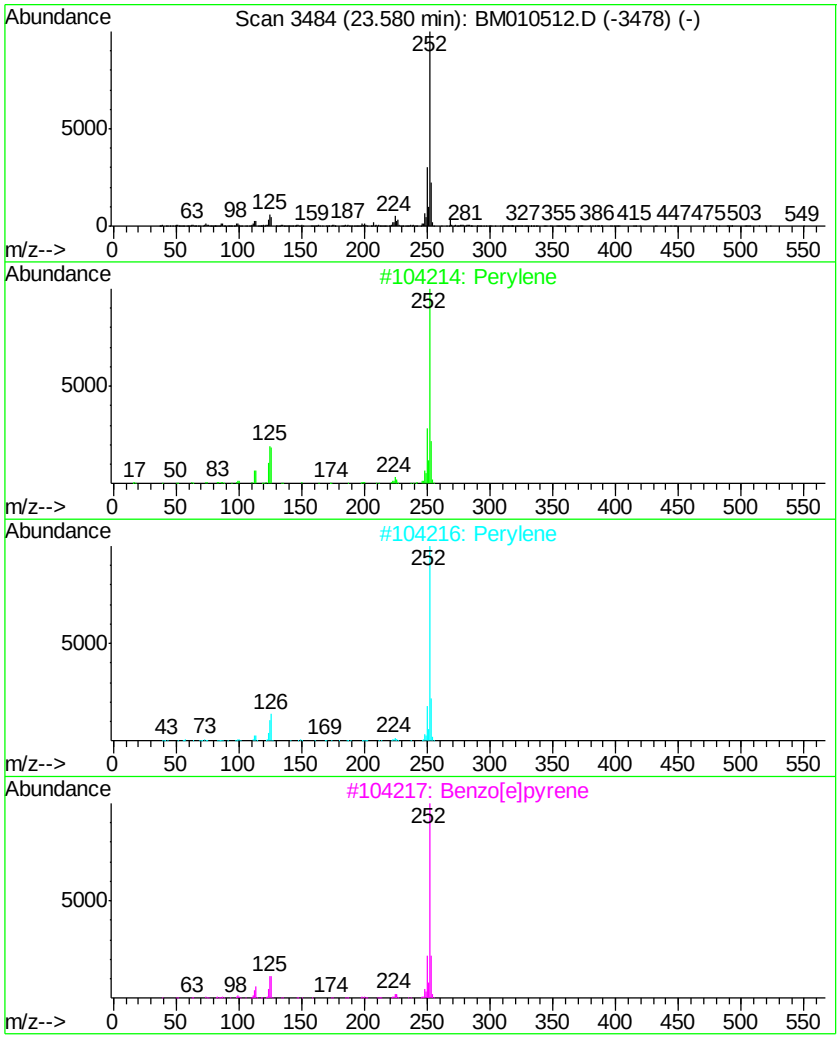
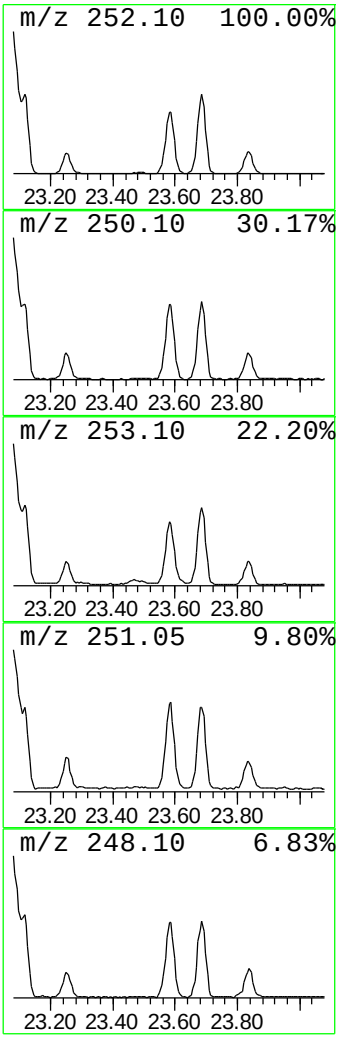
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	59.49 ng/ul	9147940	Perylene-d12	23.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Perylene	252	C20H12	000198-55-0	91
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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Data File : BM010512.D
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Operator : SJ/MA
Sample : I3521-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C55

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.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
6H-Dibenzo[b,d]-p...	16.01	3.1	ng/ul	395641	4	17.27	2514440	20.0
(4-Acetylphenyl)p...	16.21	8.3	ng/ul	1046310	4	17.27	2514440	20.0
9H-Fluoren-9-one	16.93	2.6	ng/ul	331822	4	17.27	2514440	20.0
1,5,6,7-Tetrameth...	17.00	2.8	ng/ul	356659	4	17.27	2514440	20.0
Naphthalene, 1-ph...	17.79	3.5	ng/ul	439685	4	17.27	2514440	20.0
Phenanthrene, 2-m...	18.19	2.9	ng/ul	367928	4	17.27	2514440	20.0
Phenanthrene, 1-m...	18.27	2.8	ng/ul	354594	4	17.27	2514440	20.0
4H-Cyclopenta[def...	18.34	16.6	ng/ul	2091570	4	17.27	2514440	20.0
Naphthalene, 2-ph...	18.64	2.9	ng/ul	363976	4	17.27	2514440	20.0
1-(4,5-Dimethyl-6...	19.12	6.2	ng/ul	774126	4	17.27	2514440	20.0
Cyclopenta(def)ph...	19.22	15.9	ng/ul	2001120	4	17.27	2514440	20.0
Pyrene, 1-methyl-	20.15	2.6	ng/ul	3148750	5	21.44	24548200	20.0
Fluoranthene, 2-m...	20.34	2.8	ng/ul	3455010	5	21.44	24548200	20.0
Benzo[ghi]fluoran...	21.17	2.3	ng/ul	2835700	5	21.44	24548200	20.0
Chrysene, 6-methyl-	22.00	3.5	ng/ul	4310480	5	21.44	24548200	20.0
4,5-Dihydrobenzo[...	22.81	18.5	ng/ul	2850900	6	23.79	3075220	20.0
Perylene	23.58	59.5	ng/ul	9147940	6	23.79	3075220	20.0