LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012739.D
Acq On : 05 Nov 2017 10:12
Operator : SJ/JU
Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

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-BM110417MA.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	6.992	659	664	676	rVB2	71574	128964	1.19%	0.133%
2	7.351	719	725	732	rBV	83002	124381	1.15%	0.129%
3	7.816	795	804	813	rBB	414049	652760	6.03%	0.676%
4	8.528	918	925	932	rBV	94636	149671	1.38%	0.155%
5	8.975	995	1001	1008	rBV	67196	111918	1.03%	0.116%
6	10.239	1210	1216	1226	rBB	90456	156489	1.45%	0.162%
7	10.604	1271	1278	1283	rBV	510477	874410	8.08%	0.905%
8	10.657	1283	1287	1295	rVB	94772	151615	1.40%	0.157%
9	13.863	1827	1832	1836	rVB	175390	233198	2.16%	0.241%
10	14.145	1874	1880	1892	rBV	214703	328227	3.03%	0.340%
11	14.451	1921	1932	1938	rBV2	755785	1185683	10.96%	1.227%
12	14.516	1938	1943	1951	rVB	574069	808454	7.47%	0.837%
13	14.851	1994	2000	2008	rVB	319337	463269	4.28%	0.479%
14	15.445	2093	2101	2106	rBV	263620	383849	3.55%	0.397%
15	15.504	2106	2111	2122	rVB	710400	995191	9.20%	1.030%
16	15.798	2156	2161	2170	rVB2	132301	224609	2.08%	0.232%
17	15.945	2175	2186	2193	rVV	126229	253968	2.35%	0.263%
18	16.504	2278	2281	2286	rVB2	98296	141256	1.31%	0.146%
19	16.857	2336	2341	2346	rVB	81498	120252	1.11%	0.124%
20	16.951	2346	2357	2363	rBV2	183077	361460	3.34%	0.374%
21	17.015	2363	2368	2378	rVB	291361	446020	4.12%	0.462%
22	17.204	2393	2400	2403	rBV2	900605	1471766	13.60%	1.523%
23	17.251	2403	2408	2413	rVV	5913375	8530994	78.85%	8.830%
24	17.298	2413	2416	2418	rVV2	381997	494877	4.57%	0.512%
25	17.333	2418	2422	2428	rVV	1477199	2073331	19.16%	2.146%
26	17.392	2428	2432	2437	rVB	88154	134897	1.25%	0.140%
27	17.604	2458	2468	2473	rBV2	537833	862657	7.97%	0.893%
28	17.715	2482	2487	2493	rBV2	93498	131831	1.22%	0.136%
29	18.074	2538	2548	2552	rBV	479990	788109	7.28%	0.816%
30	18.121	2552	2556	2560	rVV	681405	953101	8.81%	0.986%
31	18.162	2560	2563	2567	rVV	982147	1201715	11.11%	1.244%
32	18.204	2567	2570	2575	rVB	262417	344356	3.18%	0.356%
33	18.274	2575	2582	2585	rBV2	1001233	1585595	14.66%	1.641%
34	18.304	2585	2587	2593	rVB	290079	373442	3.45%	0.387%

LSC Area Percent Report

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Data File : BM012739.D
Acq On : 05 Nov 2017 10:12
Operator : SJ/JU
Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

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-BM110417MA.M
Title : SVOA CALIBRATION

35	18.574	2628	2633	2637	rBV	409882	515871	4.77%	0.534%
36	18.621	2637	2641	2646	rVB	240922	318509	2.94%	0.330%
37	18.821	2671	2675	2679	rVB3	98243	123784	1.14%	0.128%
38	18.874	2679	2684	2688	rBV2	170515	266857	2.47%	0.276%
39	18.992	2699	2704	2710	rBV2	149922	304734	2.82%	0.315%
40	19.056	2711	2715	2718	rVV2	85185	121758	1.13%	0.126%
41	19.139	2724	2729	2736	rVB2	111357	215042	1.99%	0.223%
42	19.262	2743	2750	2756	rBV	7908541	10819212	100.00%	11.198%
43	19.356	2762	2766	2771	rVB	135639	195519	1.81%	0.202%
44	19.451	2778	2782	2785	rBV4	59082	120510	1.11%	0.125%
45	19.503	2786	2791	2800	rVB2	234800	456744	4.22%	0.473%
46	19.592	2800	2806	2808	rBV3	1708981	2560997	23.67%	2.651%
47	19.627	2808	2812	2819	rVV	6181344	8287828	76.60%	8.578%
48	19.692	2819	2823	2829	rVB	281028	405856	3.75%	0.420%
49	19.798	2836	2841	2846	rBV	389142	542797	5.02%	0.562%
50	19.862	2848	2852	2856	rVV	298059	413570	3.82%	0.428%
51	19.945	2860	2866	2872	rVV2	333351	866376	8.01%	0.897%
52	19.998	2872	2875	2879	rVB	162742	198943	1.84%	0.206%
53	20.080	2884	2889	2890	rVV4	252285	421659	3.90%	0.436%
54	20.115	2891	2895	2900	rVB	1175398	1552346	14.35%	1.607%
55	20.215	2907	2912	2916	rBV	1118388	1430434	13.22%	1.481%
56	20.268	2916	2921	2925	rVV2	401471	743948	6.88%	0.770%
57	20.309	2925	2928	2932	rVB	306426	349272	3.23%	0.362%
58	20.350	2932	2935	2939	rBV	105204	134769	1.25%	0.139%
59	20.415	2942	2946	2949	rBV	205890	265167	2.45%	0.274%
60	20.456	2949	2953	2957	rBV2	257820	372782	3.45%	0.386%
61	20.815	3010	3014	3019	rBV5	150779	295698	2.73%	0.306%
62	20.862	3019	3022	3028	rVB2	207697	312002	2.88%	0.323%
63	21.027	3046	3050	3053	rBV	431741	561273	5.19%	0.581%
64	21.062	3053	3056	3060	rVV	484766	573220	5.30%	0.593%
65	21.109	3060	3064	3068	rVB2	464914	706641	6.53%	0.731%
66	21.368	3100	3108	3113	rBV3	4116605	7330343	67.75%	7.587%
67	21.421	3113	3117	3126	rVB	3272091	4247144	39.26%	4.396%
68	21.533	3132	3136	3142	rBV	772709	1024321	9.47%	1.060%
69	21.644	3153	3155	3159	rVB	323541	331248	3.06%	0.343%
70	21.692	3160	3163	3169	rVB2	457012	661888	6.12%	0.685%
71	22.097	3229	3232	3235	rVB2	247540	277726	2.57%	0.287%

LSC Area Percent Report

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Acq On : 05 Nov 2017 10:12
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Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Title : SVOA CALIBRATION

72	22.139	3236	3239	3242	rBV	266201	363300	3.36%	0.376%
73	22.991	3376	3384	3388	rBV	2216225	5466736	50.53%	5.658%
74	23.156	3408	3412	3418	rVB	464673	750726	6.94%	0.777%
75	23.474	3461	3466	3472	rBV	1253881	2307933	21.33%	2.389%
76	23.574	3478	3483	3490	rVB	2234293	4005993	37.03%	4.146%
77	23.668	3494	3499	3504	rVV	909468	1853554	17.13%	1.918%
78	23.721	3504	3508	3516	rVB2	652574	1262862	11.67%	1.307%
79	25.997	3887	3895	3905	rVB	1098237	3173348	29.33%	3.284%
80	26.709	4010	4016	4026	rVB2	653901	1863474	17.22%	1.929%

Sum of corrected areas: 96617029

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
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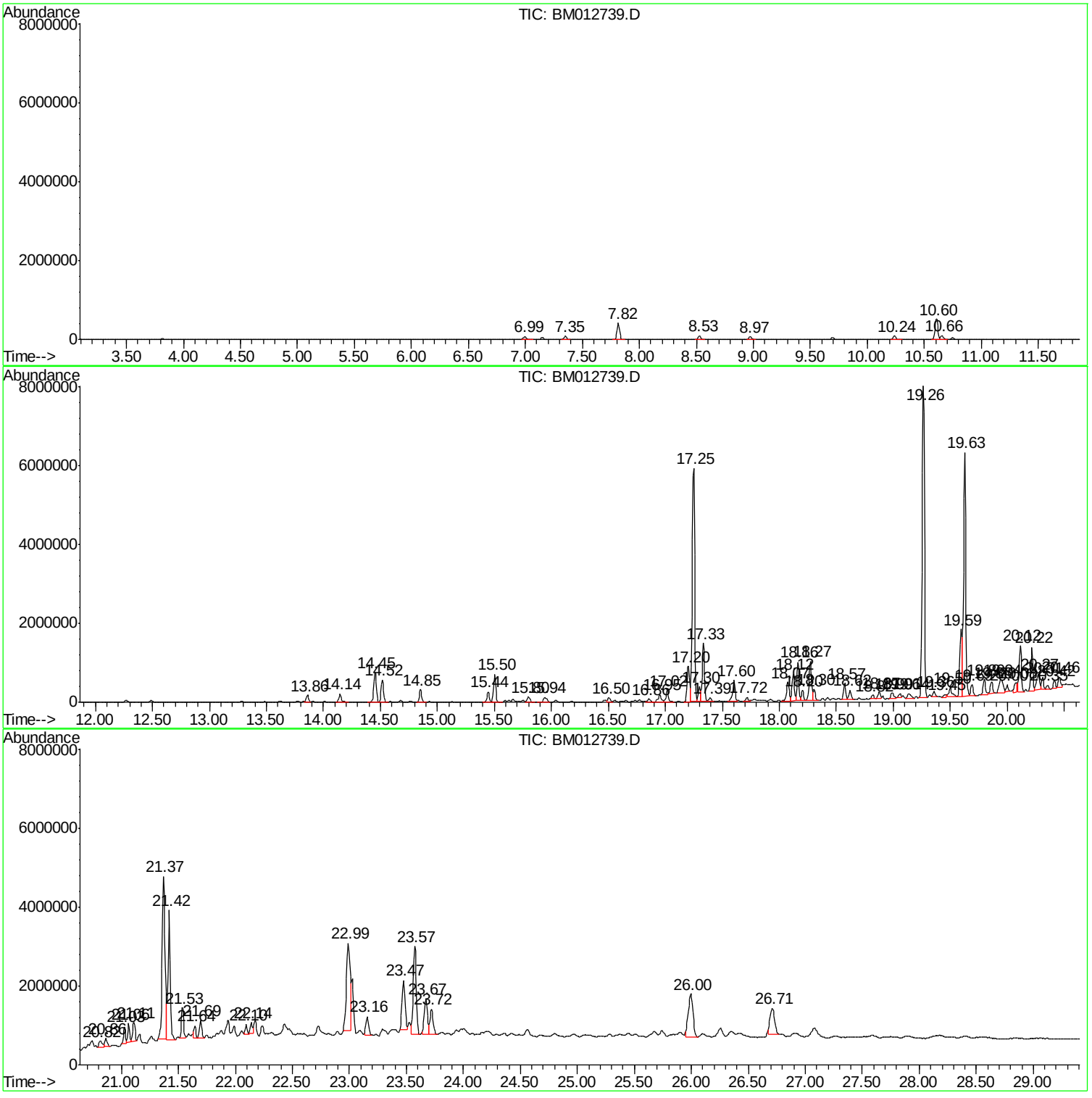
Instrument :
BNA_M
ClientSampleId :
B-63(1-3)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012739.D
Acq On : 05 Nov 2017 10:12
Operator : SJ/JU
Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

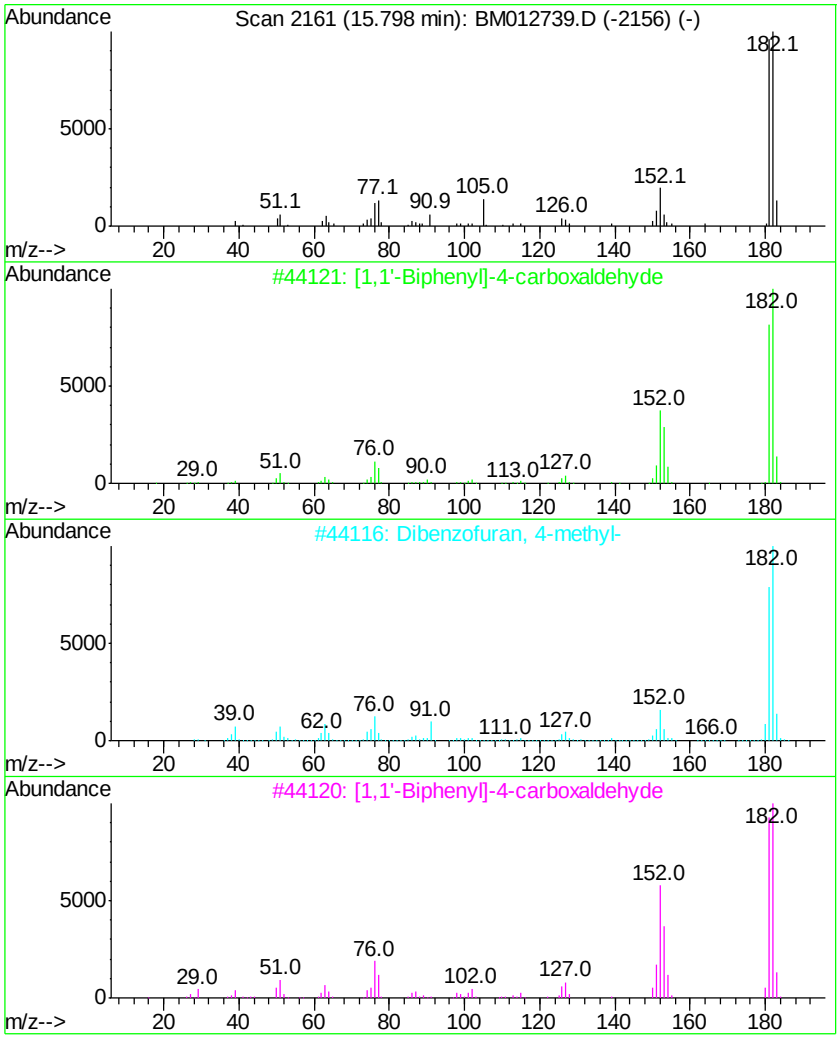
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

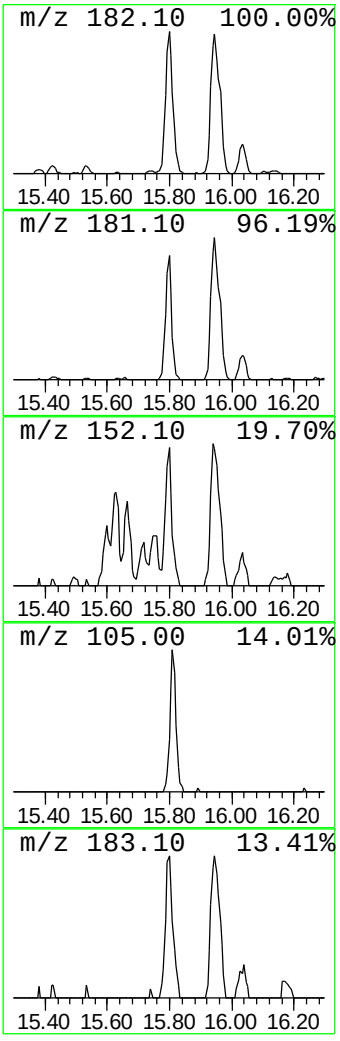
****

Peak Number 1 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	3.79 ng/ul	224609	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012739.D
Acq On : 05 Nov 2017 10:12
Operator : SJ/JU
Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

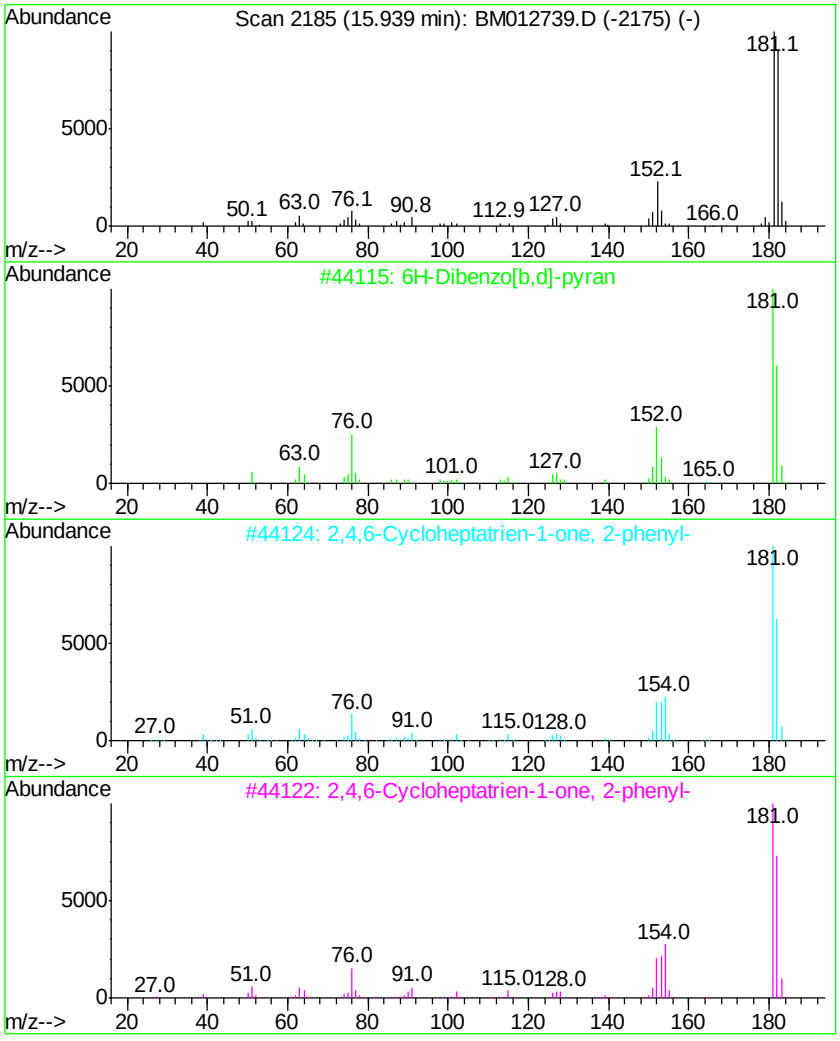
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

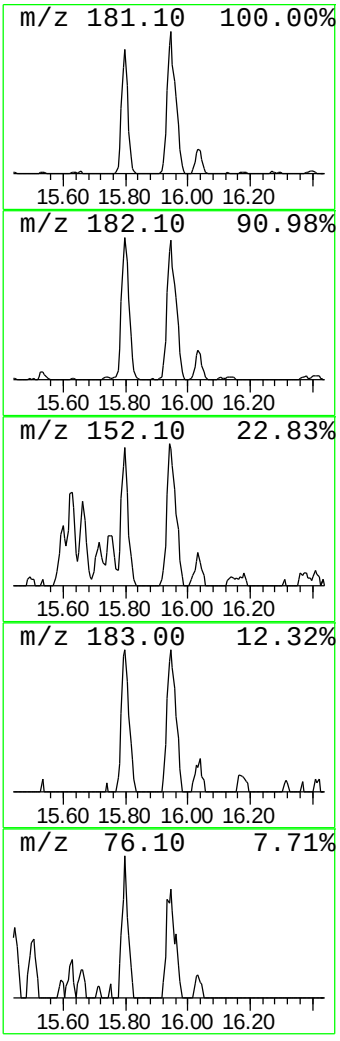
****

Peak Number 2 6H-Dibenzo[b,d]-pyran Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.45 ng/ul	253968	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
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Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

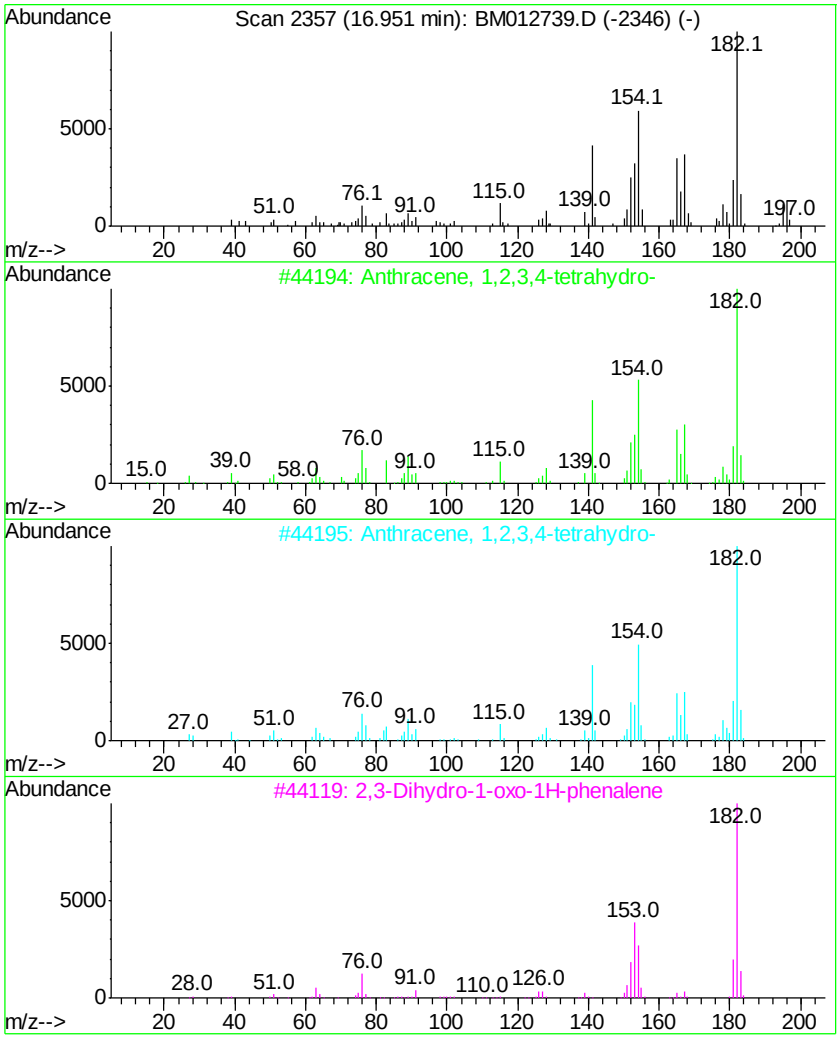
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

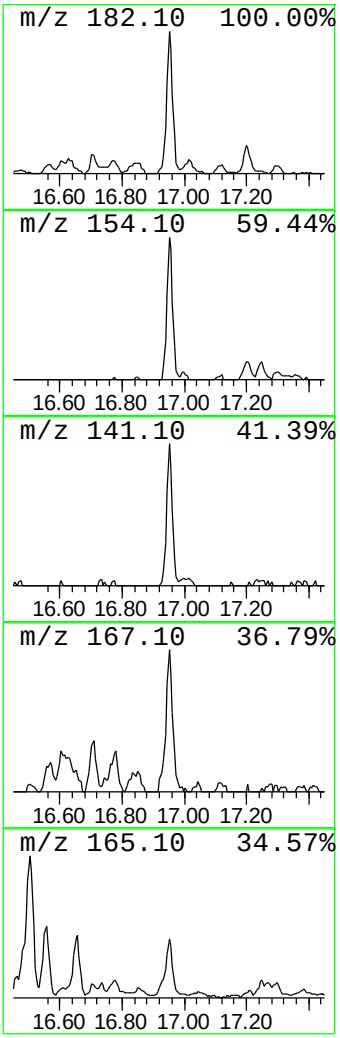
****

Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	4.91 ng/ul	361460	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	94
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	93
3	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	87
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	70
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	55





Library Search Compound Report

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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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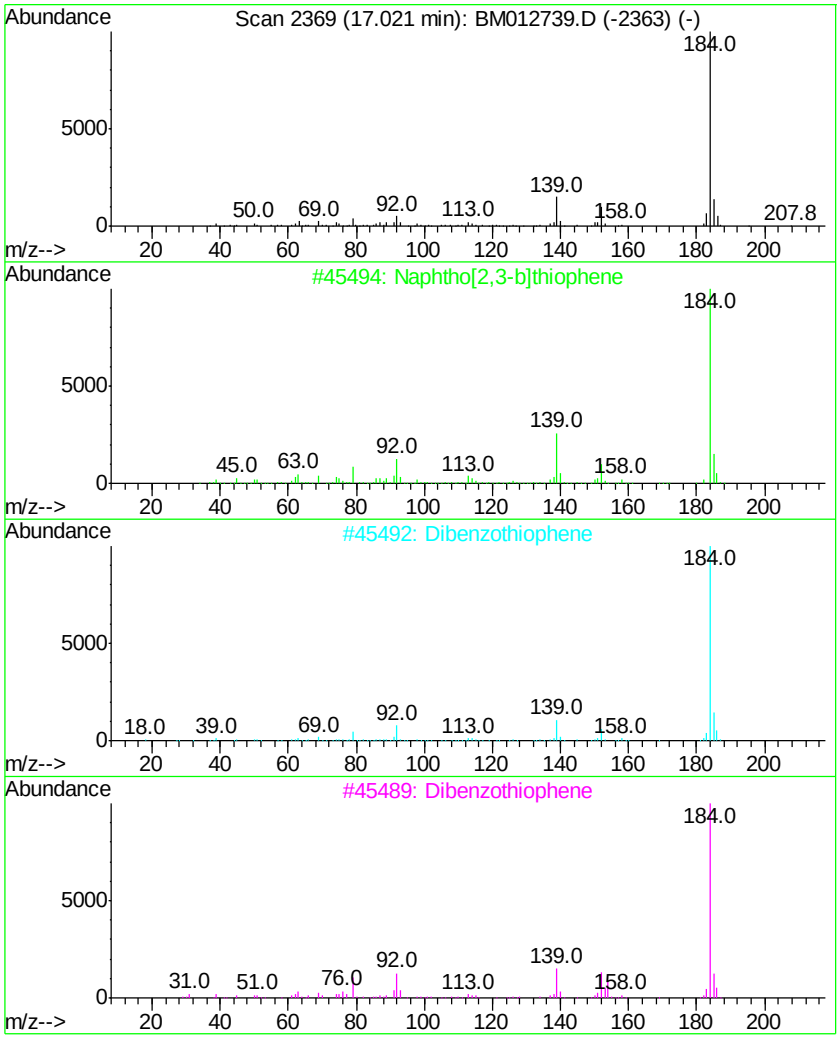
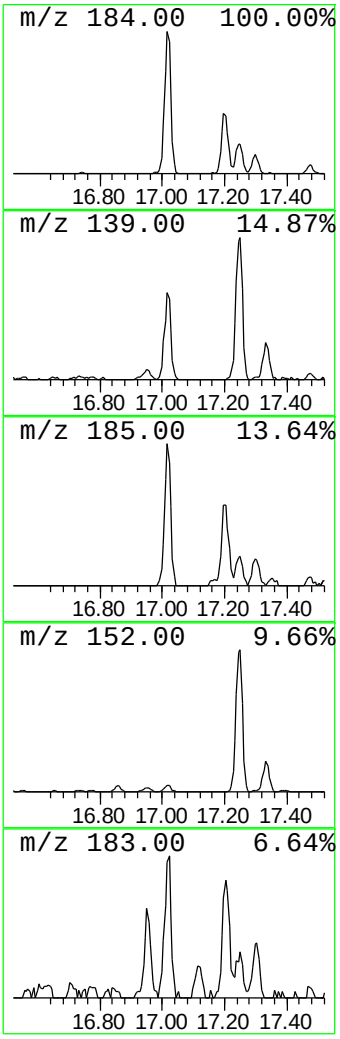
Peak Number 4 Naphtho[2,3-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	6.06 ng/ul	446020	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Library Search Compound Report

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Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

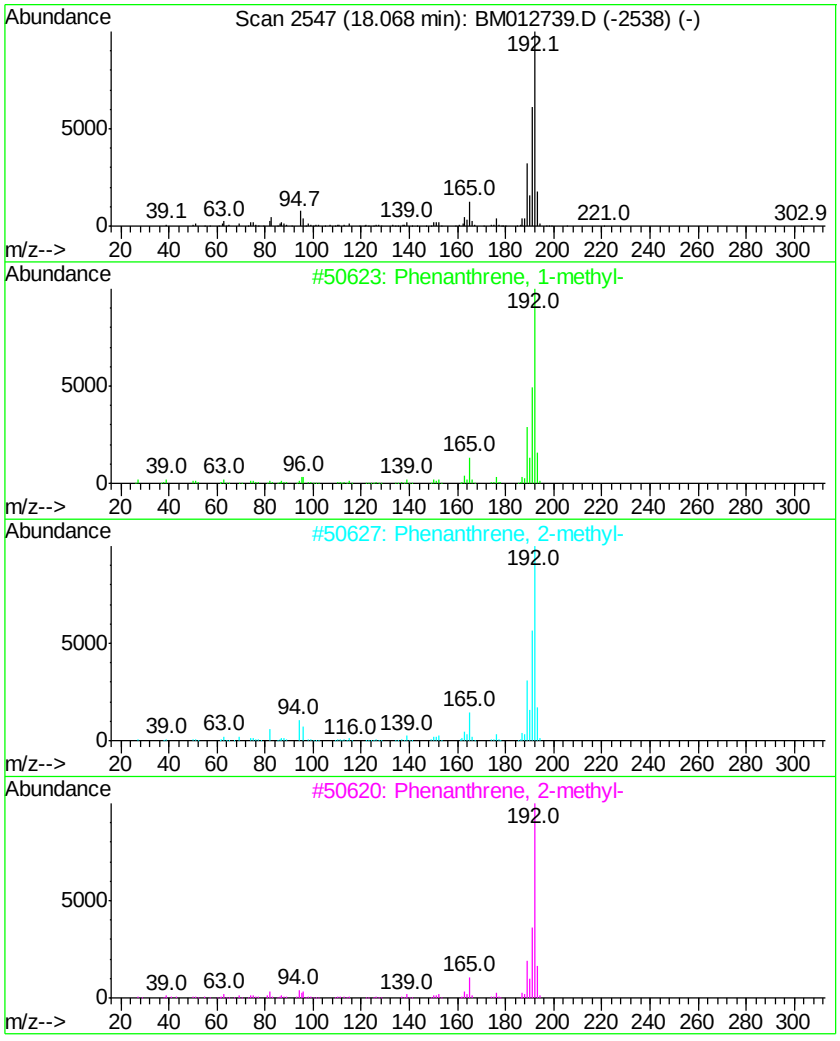
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

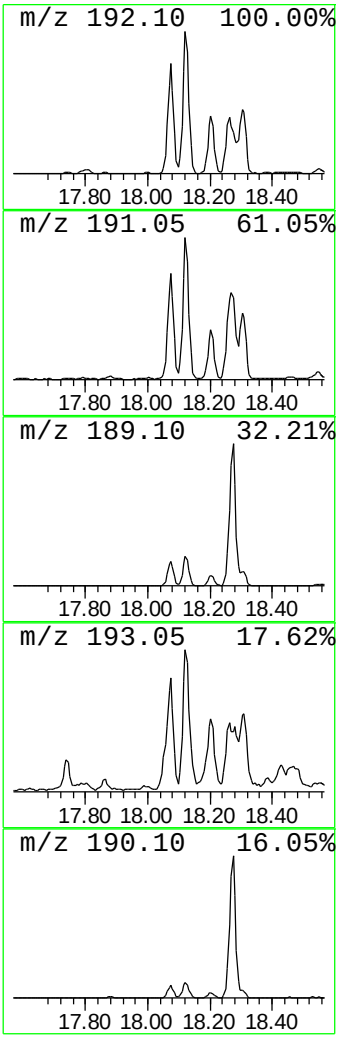
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	10.71 ng/ul	788109	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

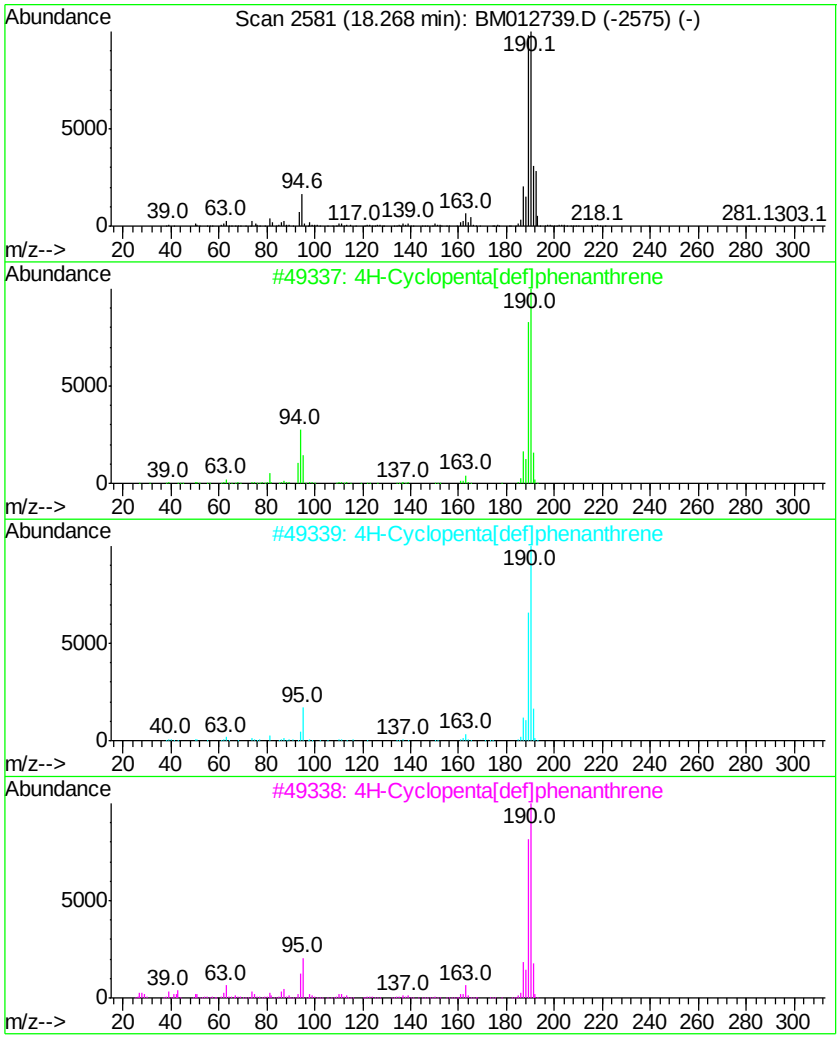
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

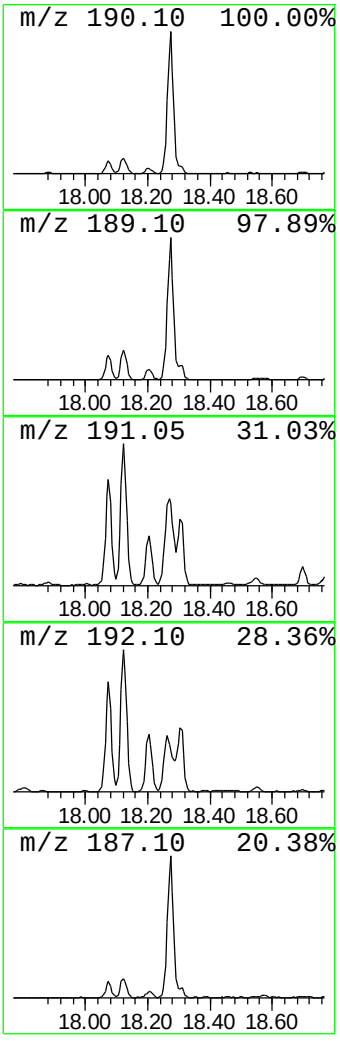
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	21.55 ng/ul	1585600	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Acq On : 05 Nov 2017 10:12
Operator : SJ/JU
Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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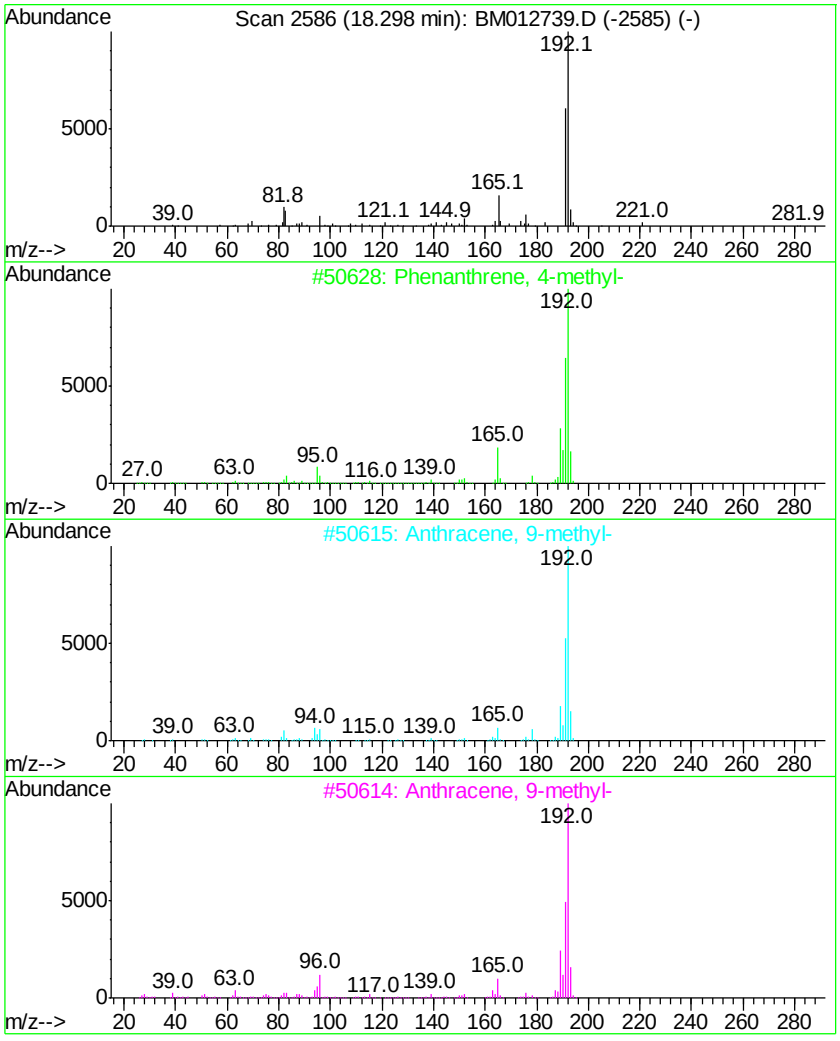
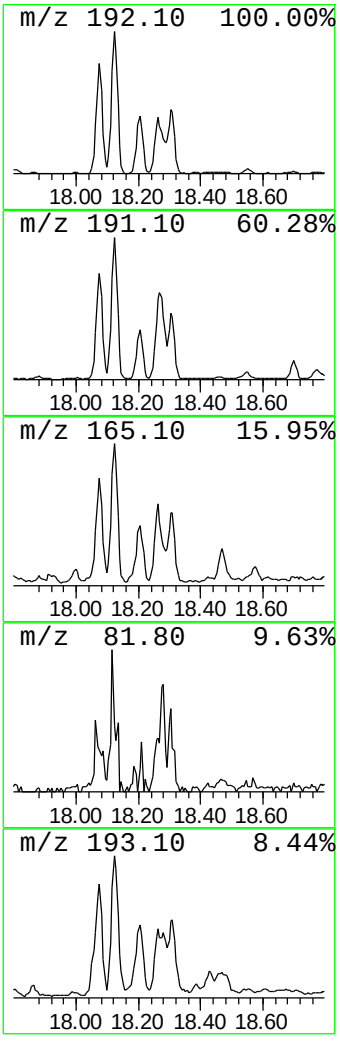
Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.07 ng/ul	373442	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	86





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Sample : I5825-03 5X
Misc :
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Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

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Quant Title : SVOA CALIBRATION

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

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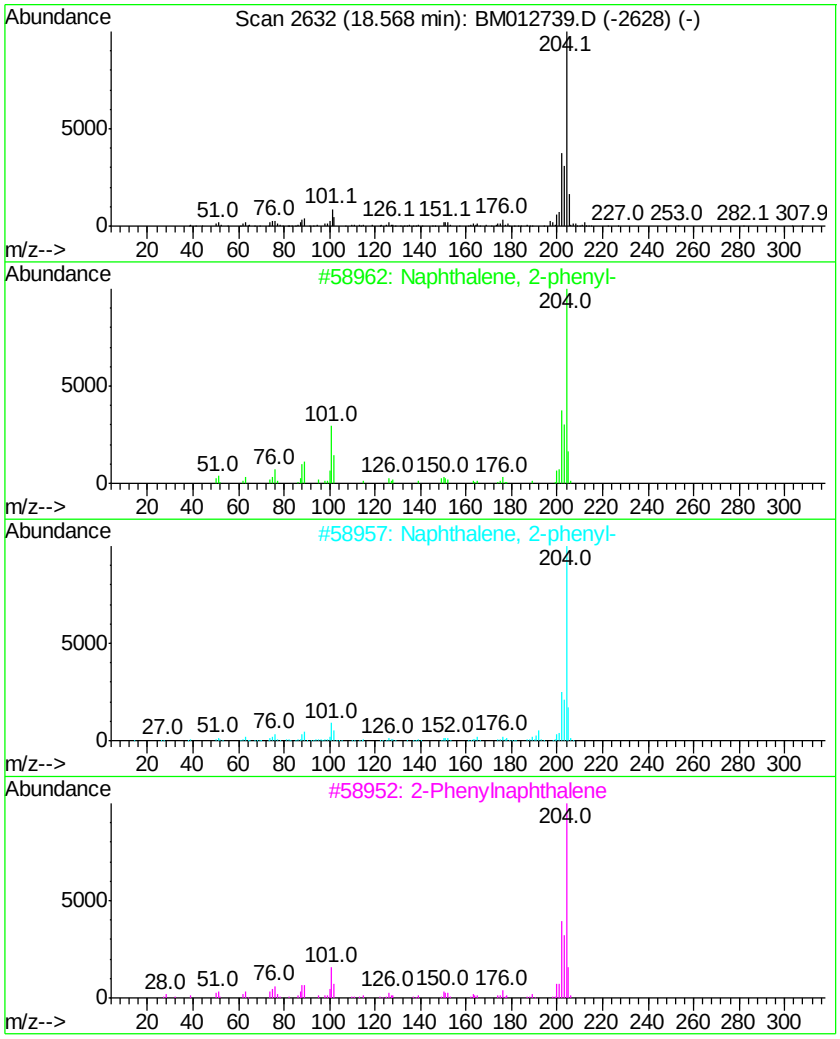
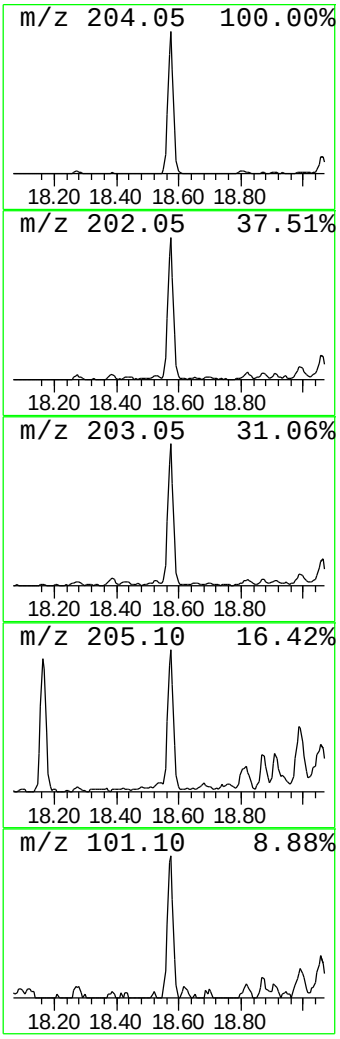
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	7.01 ng/ul	515871	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62





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Operator : SJ/JU
Sample : I5825-03 5X
Misc :
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Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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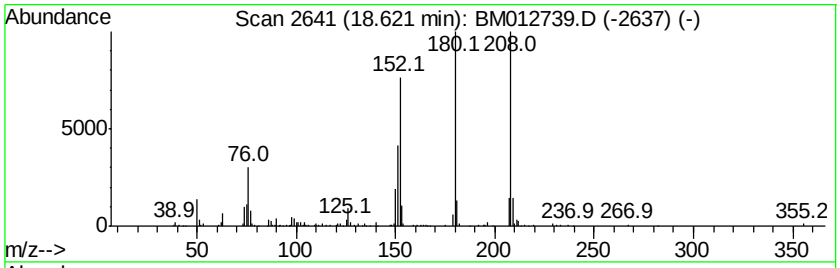
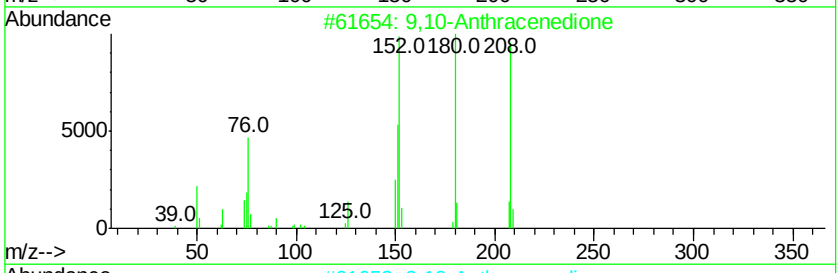
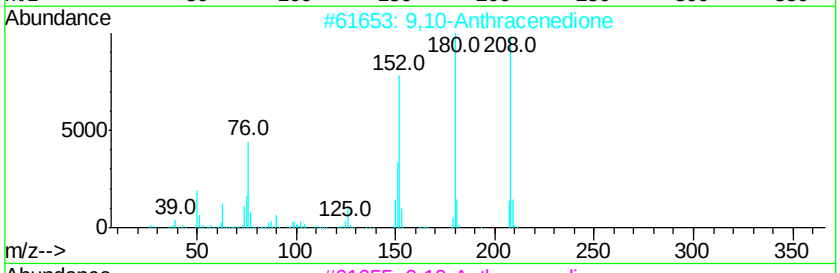
Peak Number 9 9,10-Anthracenedione Concentration Rank 10

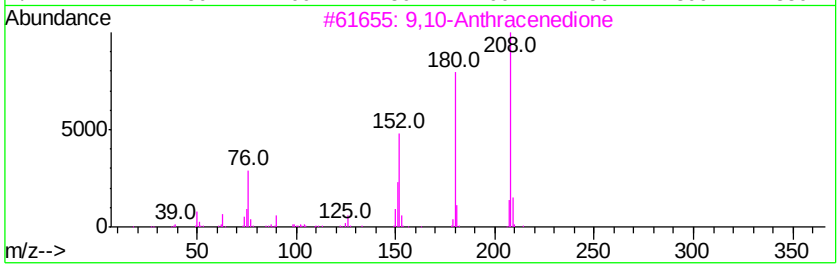
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	4.33 ng/ul	318509	Phenanthrene-d10	17.20

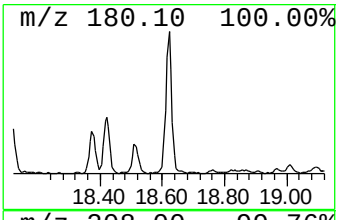
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83

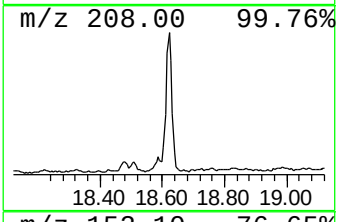


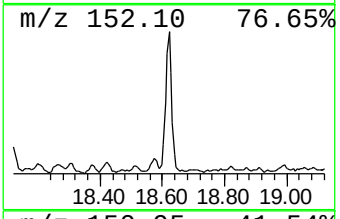


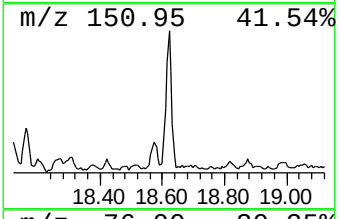


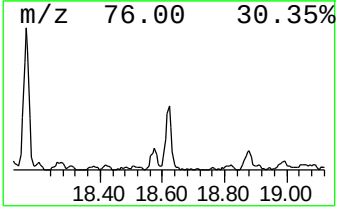












Library Search Compound Report

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Acq On : 05 Nov 2017 10:12
Operator : SJ/JU
Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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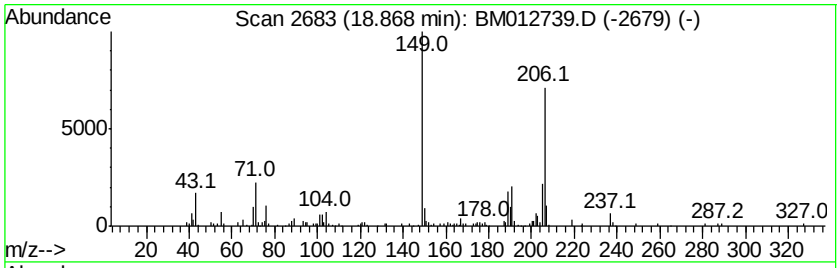
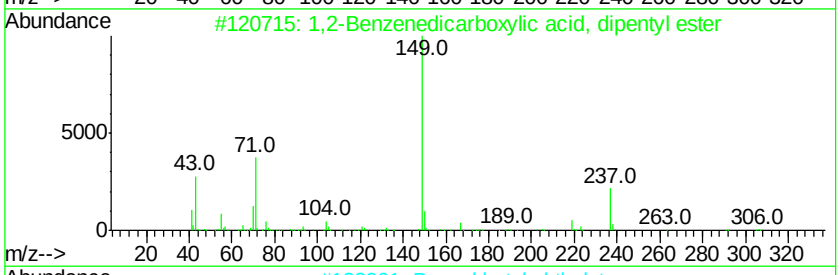
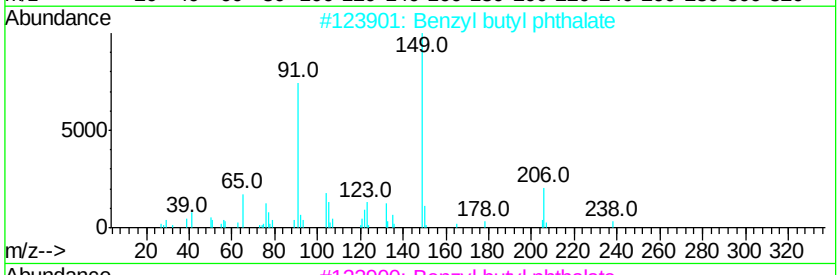
Peak Number 10 unknown-01 Concentration Rank 15

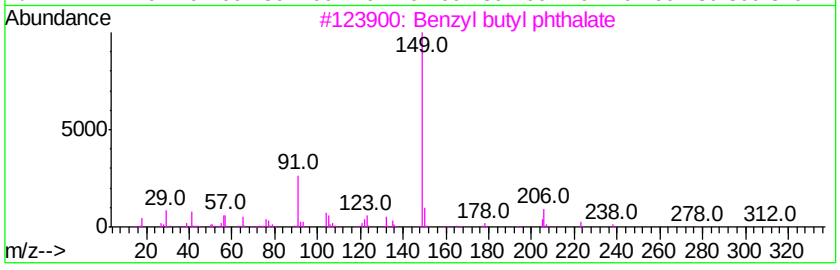
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	3.63 ng/ul	266857	Phenanthrene-d10	17.20

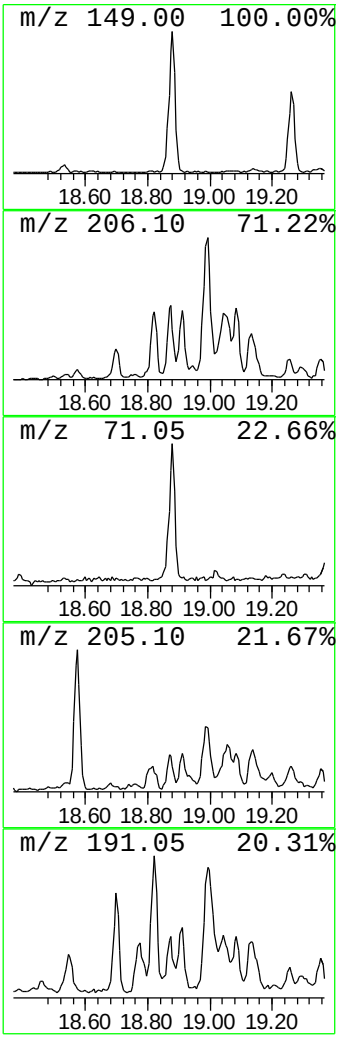
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	306	C18H26O4	000131-18-0	47
2	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	45
3	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	43
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	38
5	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	38











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Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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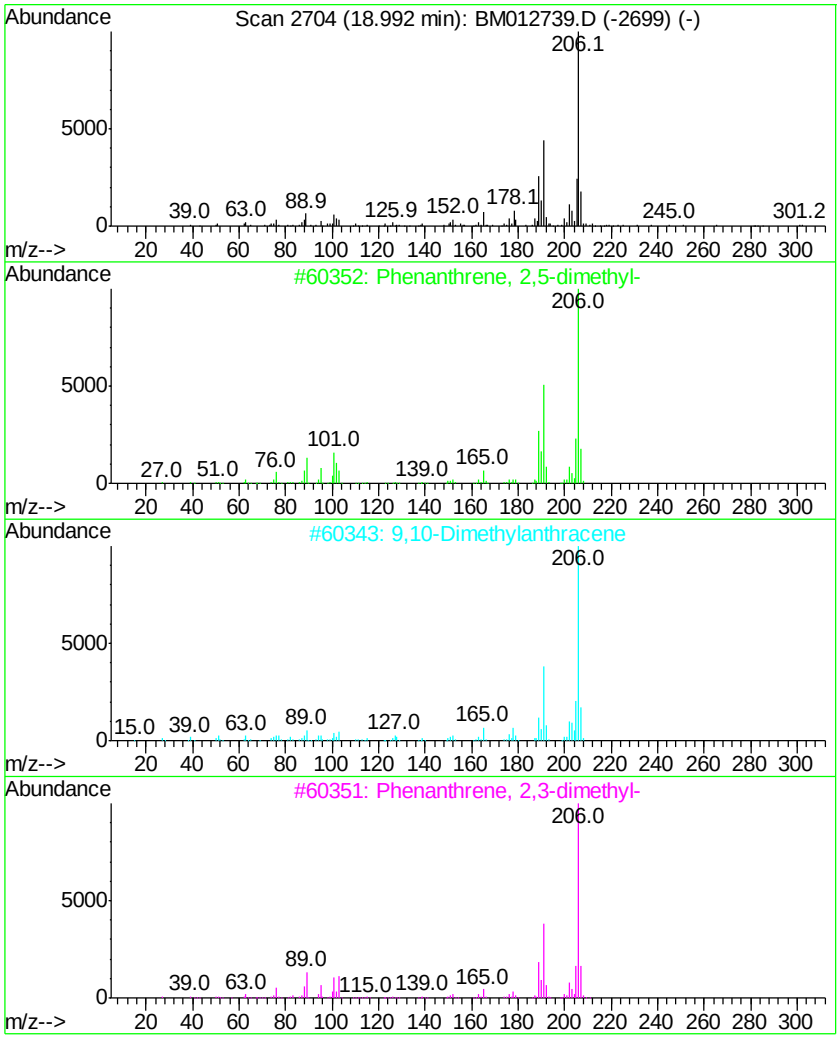
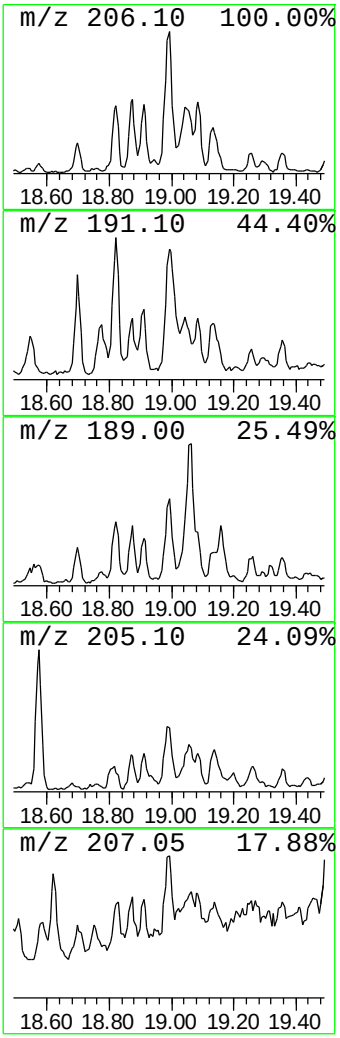
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	4.14 ng/ul	304734	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86





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Sample : I5825-03 5X
Misc :
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Instrument : BNA_M
ClientSampleId : B-63(1-3)-101117

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Quant Title : SVOA CALIBRATION

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

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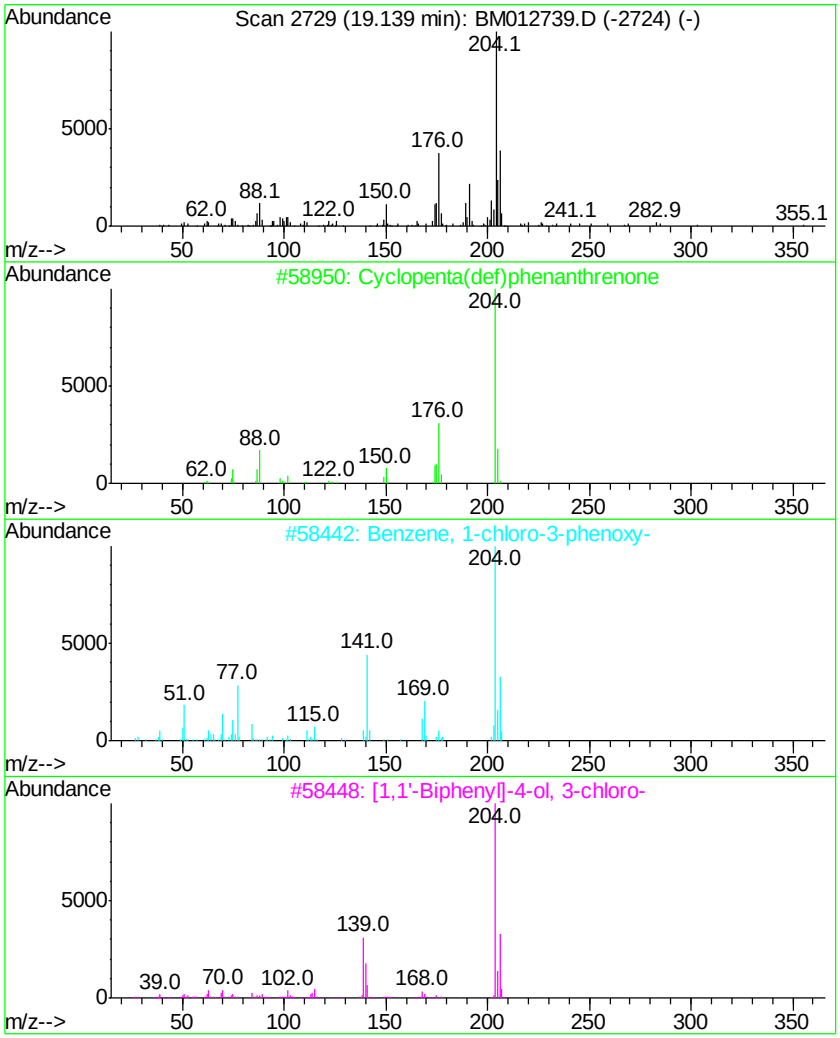
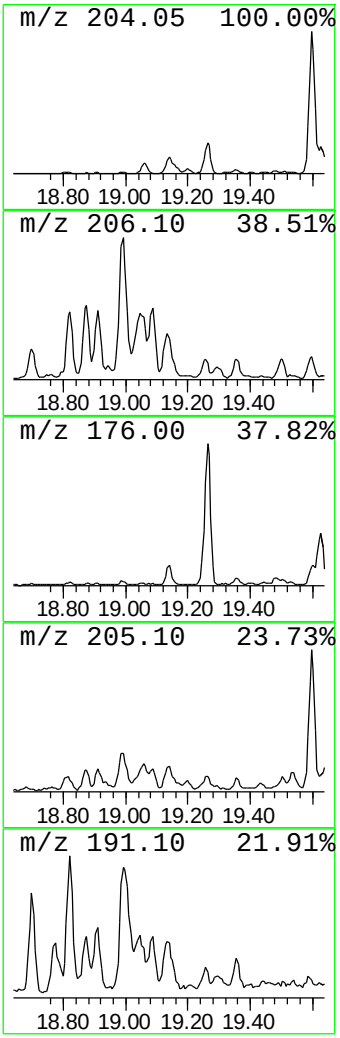
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.92 ng/ul	215042	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47
3	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	46
4	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43
5	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43





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Quant Title : SVOA CALIBRATION

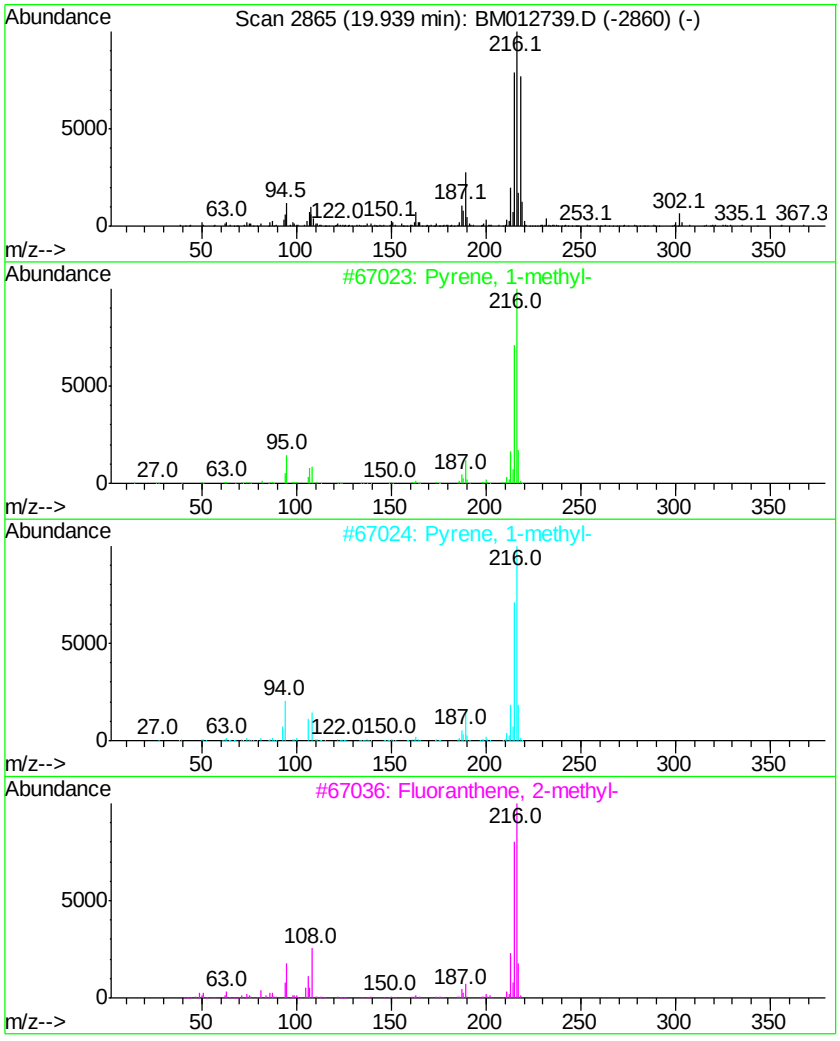
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

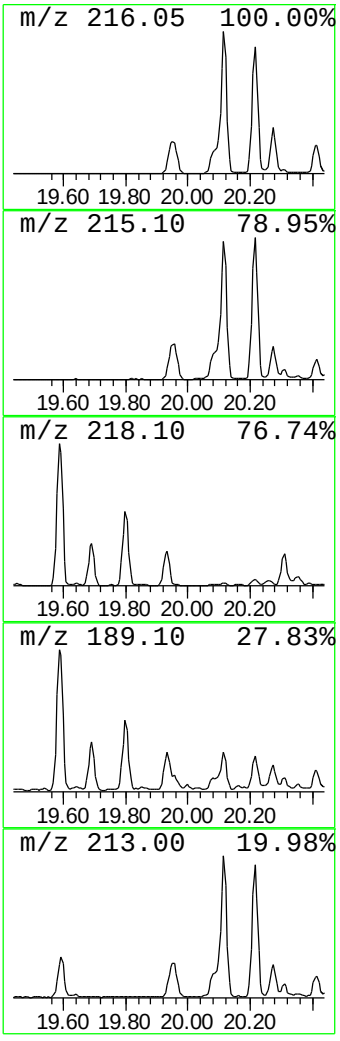
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.36 ng/ul	866376	Chrysene-d12	21.38

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	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Sample : I5825-03 5X
Misc :
ALS Vial : 31 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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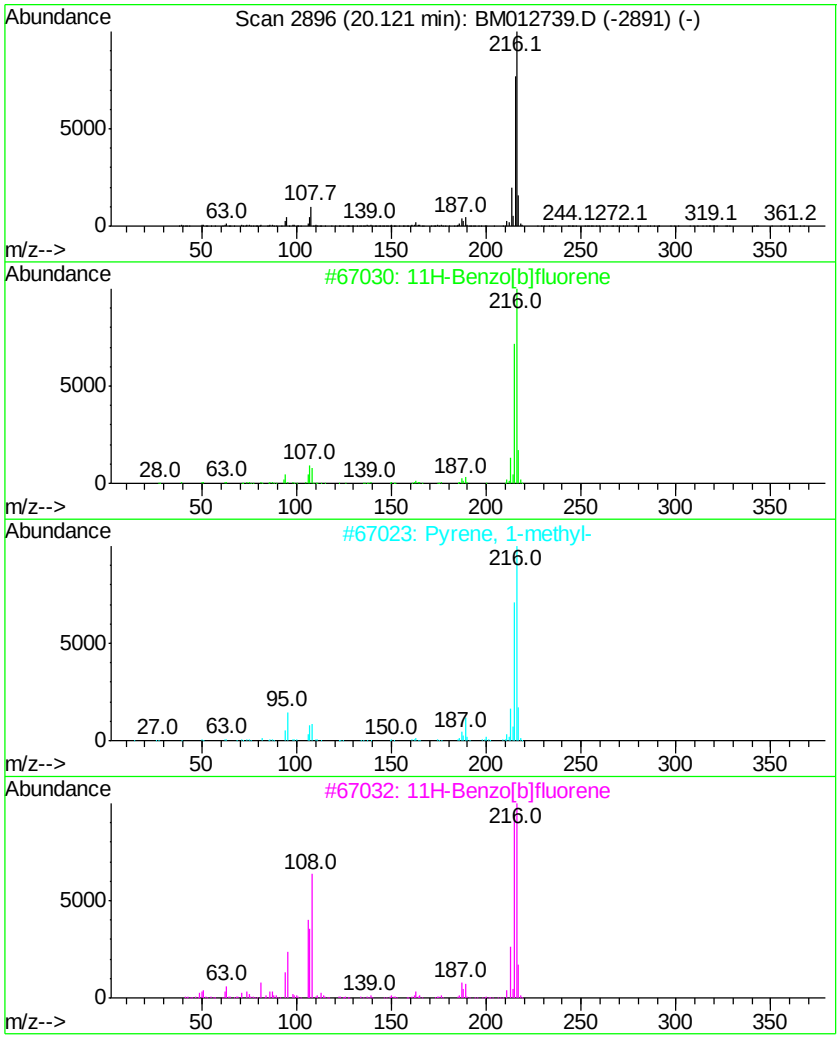
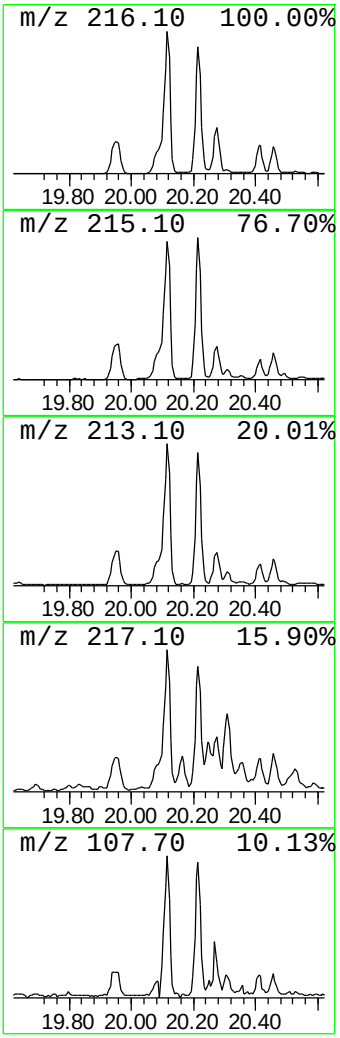
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	4.24 ng/ul	1552350	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





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Sample : I5825-03 5X
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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

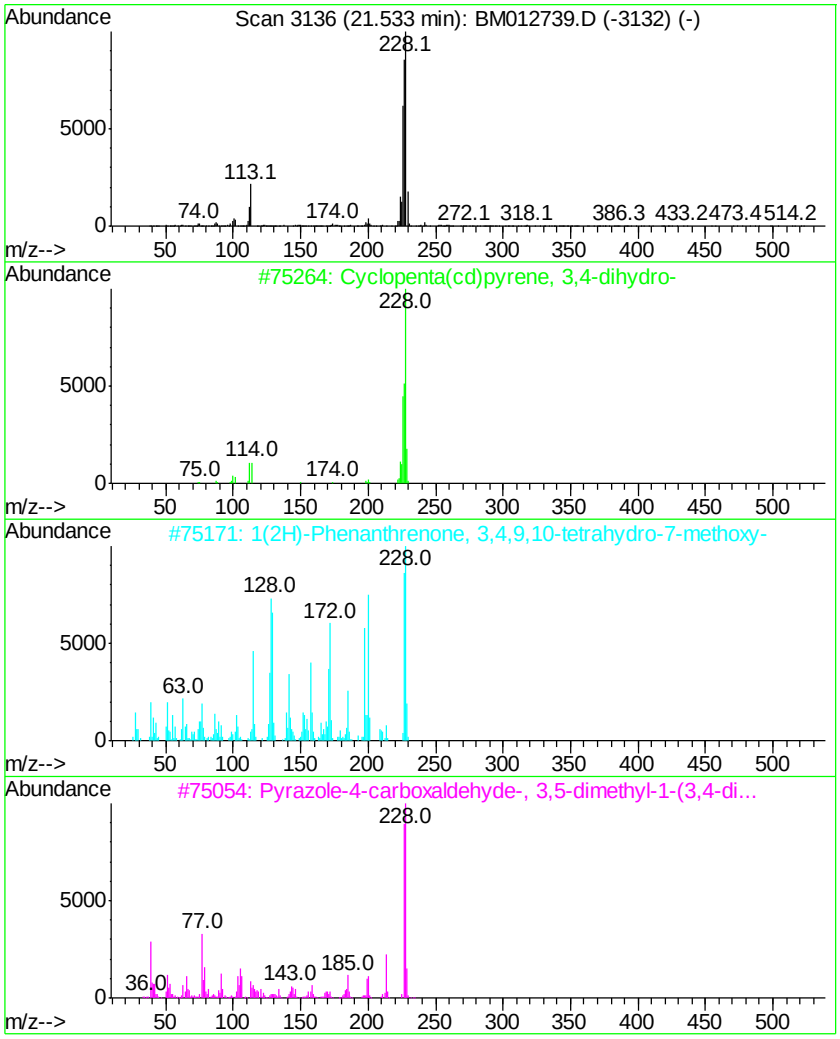
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

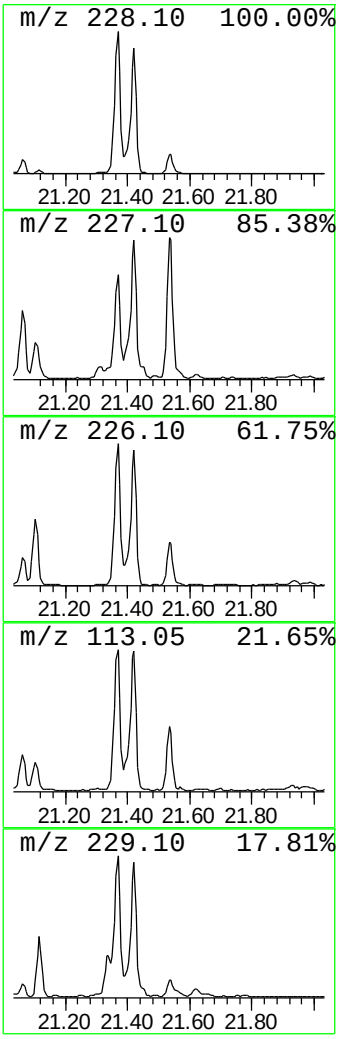
****

Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.79 ng/ul	1024320	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	90
2	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	50
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
5	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	38





Tentatively Identified Compound (LSC) summary

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Data File : BM012739.D
Acq On : 05 Nov 2017 10:12
Operator : SJ/JU
Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId : B-63(1-3)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.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
[1,1'-Biphenyl]-4...	15.80	3.8	ng/ul	224609	3	14.45	1185680	20.0
6H-Dibenzo[b,d]-p...	15.94	3.5	ng/ul	253968	4	17.20	1471770	20.0
Anthracene, 1,2,3...	16.95	4.9	ng/ul	361460	4	17.20	1471770	20.0
Naphtho[2,3-b]thi...	17.02	6.1	ng/ul	446020	4	17.20	1471770	20.0
Phenanthrene, 1-m...	18.07	10.7	ng/ul	788109	4	17.20	1471770	20.0
4H-Cyclopenta[def...	18.27	21.6	ng/ul	1585600	4	17.20	1471770	20.0
Phenanthrene, 4-m...	18.30	5.1	ng/ul	373442	4	17.20	1471770	20.0
Naphthalene, 2-ph...	18.57	7.0	ng/ul	515871	4	17.20	1471770	20.0
9,10-Anthracenedione	18.62	4.3	ng/ul	318509	4	17.20	1471770	20.0
unknown-01	18.87	3.6	ng/ul	266857	4	17.20	1471770	20.0
Phenanthrene, 2,5...	18.99	4.1	ng/ul	304734	4	17.20	1471770	20.0
Cyclopenta(def)ph...	19.14	2.9	ng/ul	215042	4	17.20	1471770	20.0
Pyrene, 1-methyl-	19.94	2.4	ng/ul	866376	5	21.38	7330340	20.0
11H-Benzo[b]fluorene	20.12	4.2	ng/ul	1552350	5	21.38	7330340	20.0
Cyclopenta(cd)pyr...	21.53	2.8	ng/ul	1024320	5	21.38	7330340	20.0