LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012121.D
Acq On : 13 Oct 2017 04:40
Operator : SJ/JU
Sample : I5533-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

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-BM101217.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	7.016	657	668	681	rBV	1043220	1995596	9.08%	1.092%
2	7.169	683	694	707	rVB	817224	1322118	6.02%	0.723%
3	7.375	722	729	737	rBV	1199470	1940451	8.83%	1.062%
4	7.845	802	809	818	rBV	1201365	2011423	9.16%	1.101%
5	8.557	922	930	947	rBV	1388342	2413287	10.99%	1.321%
6	9.010	999	1007	1025	rBV	1091737	1948991	8.87%	1.067%
7	9.733	1122	1130	1143	rBV	877534	1580615	7.20%	0.865%
8	10.275	1215	1222	1233	rBV	1398438	2619760	11.93%	1.434%
9	10.651	1279	1286	1292	rBV	1698279	2880063	13.11%	1.576%
10	10.792	1304	1310	1327	rBV	240575	611818	2.79%	0.335%
11	13.815	1818	1824	1829	rBV2	135787	241770	1.10%	0.132%
12	13.898	1829	1838	1843	rVV	2647013	3861005	17.58%	2.113%
13	13.945	1843	1846	1854	rVB	405576	559476	2.55%	0.306%
14	14.192	1881	1888	1903	rBV2	3144246	5575472	25.38%	3.051%
15	14.498	1928	1940	1946	rBV2	2536537	3882978	17.68%	2.125%
16	14.562	1946	1951	1958	rVB	228193	380872	1.73%	0.208%
17	14.715	1969	1977	1986	rBV2	675841	1339506	6.10%	0.733%
18	14.892	1999	2007	2015	rVV3	280617	578100	2.63%	0.316%
19	14.968	2016	2020	2028	rVB	155741	238969	1.09%	0.131%
20	15.110	2039	2044	2049	rBV	135980	253323	1.15%	0.139%
21	15.321	2076	2080	2084	rVB2	199995	281106	1.28%	0.154%
22	15.492	2100	2109	2114	rBV	3651362	5316636	24.20%	2.909%
23	15.545	2114	2118	2129	rVB3	249130	521314	2.37%	0.285%
24	15.639	2130	2134	2137	rBV2	171059	256685	1.17%	0.140%
25	15.839	2163	2168	2173	rVB	289101	428389	1.95%	0.234%
26	15.986	2188	2193	2201	rVB	333862	613194	2.79%	0.336%
27	16.186	2223	2227	2229	rBV	174000	261453	1.19%	0.143%
28	16.774	2323	2327	2330	rBV2	273528	364788	1.66%	0.200%
29	16.904	2345	2349	2355	rVB2	301652	451583	2.06%	0.247%
30	16.974	2356	2361	2367	rBV2	428233	778064	3.54%	0.426%
31	17.062	2372	2376	2383	rVB	475856	733137	3.34%	0.401%
32	17.245	2402	2407	2410	rBV2	2661806	3812134	17.35%	2.086%
33	17.292	2410	2415	2420	rVV	7413792	10659846	48.52%	5.833%
34	17.345	2420	2424	2427	rVV	3517663	4849030	22.07%	2.654%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012121.D
Acq On : 13 Oct 2017 04:40
Operator : SJ/JU
Sample : I5533-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

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-BM101217.M
Title : SVOA CALIBRATION

35	17.380	2427	2430	2435	rVB	2048341	2632683	11.98%	1.441%
36	17.756	2491	2494	2501	rVB	313022	390867	1.78%	0.214%
37	18.121	2551	2556	2560	rBV	2304057	3227259	14.69%	1.766%
38	18.168	2560	2564	2570	rVB	1696123	2409808	10.97%	1.319%
39	18.250	2574	2578	2583	rVB	772262	1051899	4.79%	0.576%
40	18.315	2584	2589	2593	rVV2	1303381	2539439	11.56%	1.390%
41	18.350	2593	2595	2600	rVB	830485	1005629	4.58%	0.550%
42	18.615	2636	2640	2645	rBV	1031222	1404391	6.39%	0.769%
43	18.674	2646	2650	2656	rVV	577379	840699	3.83%	0.460%
44	19.033	2707	2711	2715	rBV	835675	1354541	6.17%	0.741%
45	19.192	2734	2738	2743	rVB2	924797	1351284	6.15%	0.739%
46	19.309	2752	2758	2764	rVB	16598061	21968047	100.00%	12.021%
47	19.397	2770	2773	2778	rVB3	931713	1217886	5.54%	0.666%
48	19.639	2809	2814	2816	rBV2	5828995	8492643	38.66%	4.647%
49	19.674	2816	2820	2827	rVB	14781036	19811426	90.18%	10.841%
50	20.909	3028	3030	3034	rVB	1862004	2041449	9.29%	1.117%
51	21.109	3061	3064	3067	rVB	2259359	2453900	11.17%	1.343%
52	21.415	3112	3116	3121	rBV2	10392077	17406339	79.23%	9.525%
53	21.468	3121	3125	3134	rVB	8110097	12399278	56.44%	6.785%
54	23.062	3391	3396	3401	rBV	5750531	13177398	59.98%	7.211%

Sum of corrected areas: 182739817

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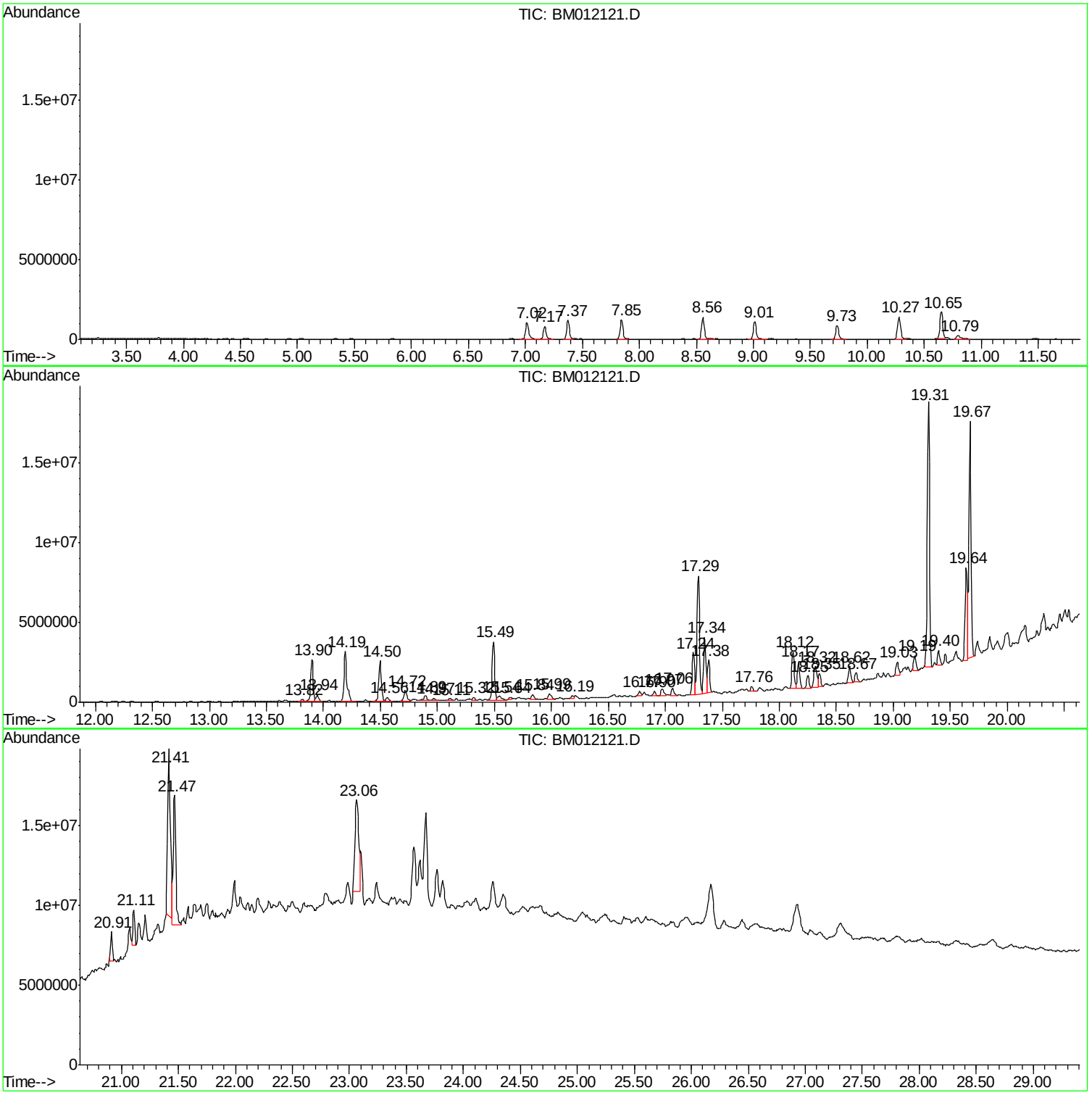
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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Instrument : BNA_M
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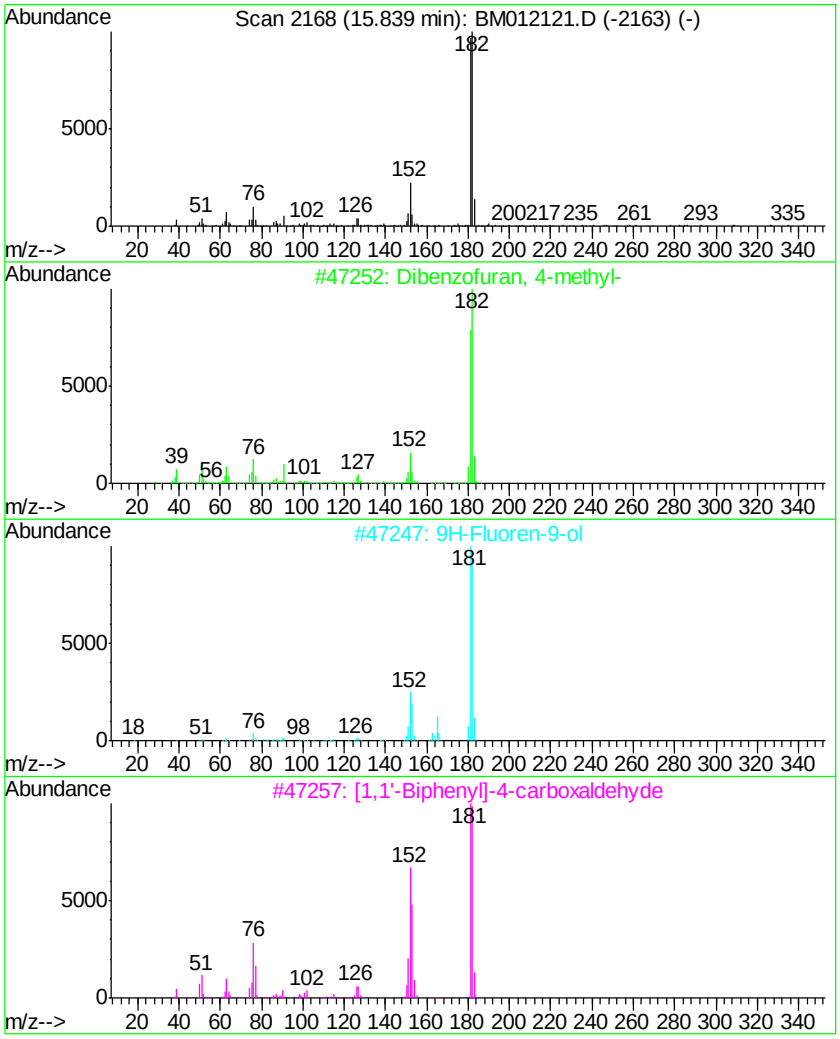
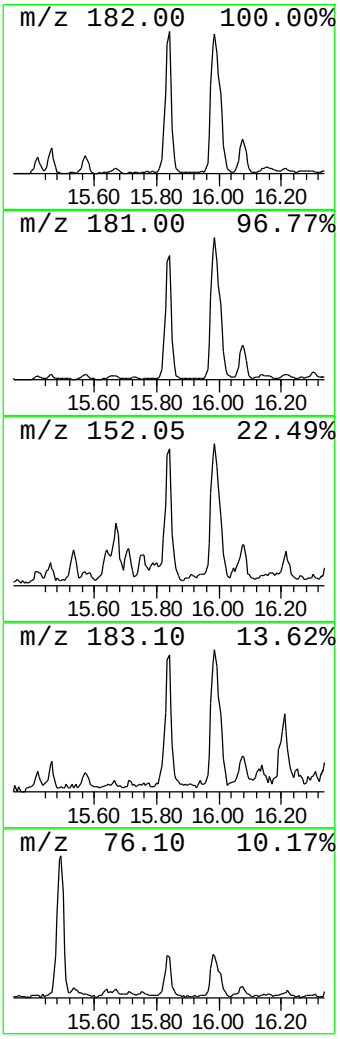
Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.21 ng/ul	428389	Acenaphthene-d10	14.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





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Acq On : 13 Oct 2017 04:40
Operator : SJ/JU
Sample : I5533-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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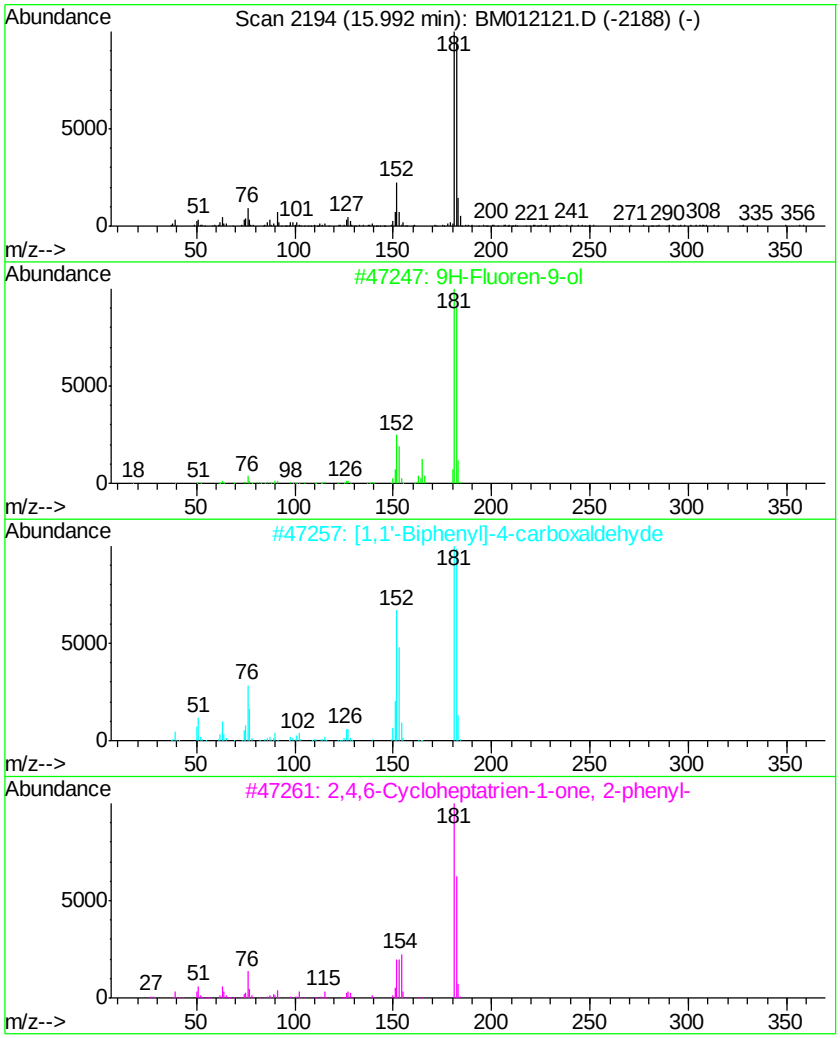
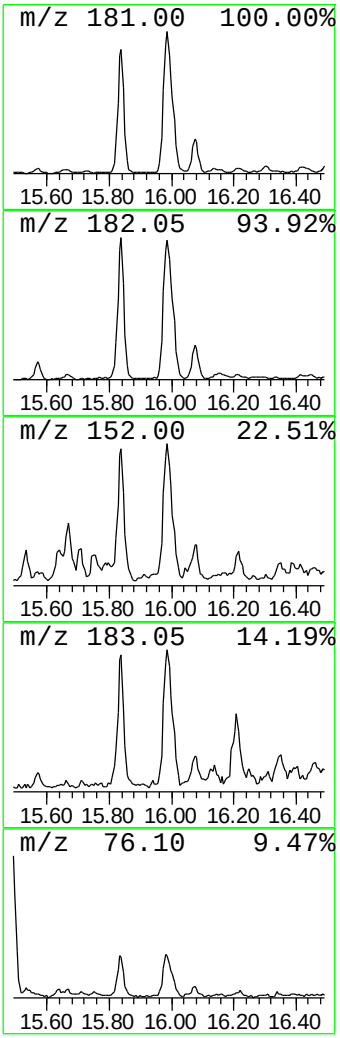
Peak Number 2 9H-Fluoren-9-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	3.22 ng/ul	613194	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
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Acq On : 13 Oct 2017 04:40
Operator : SJ/JU
Sample : I5533-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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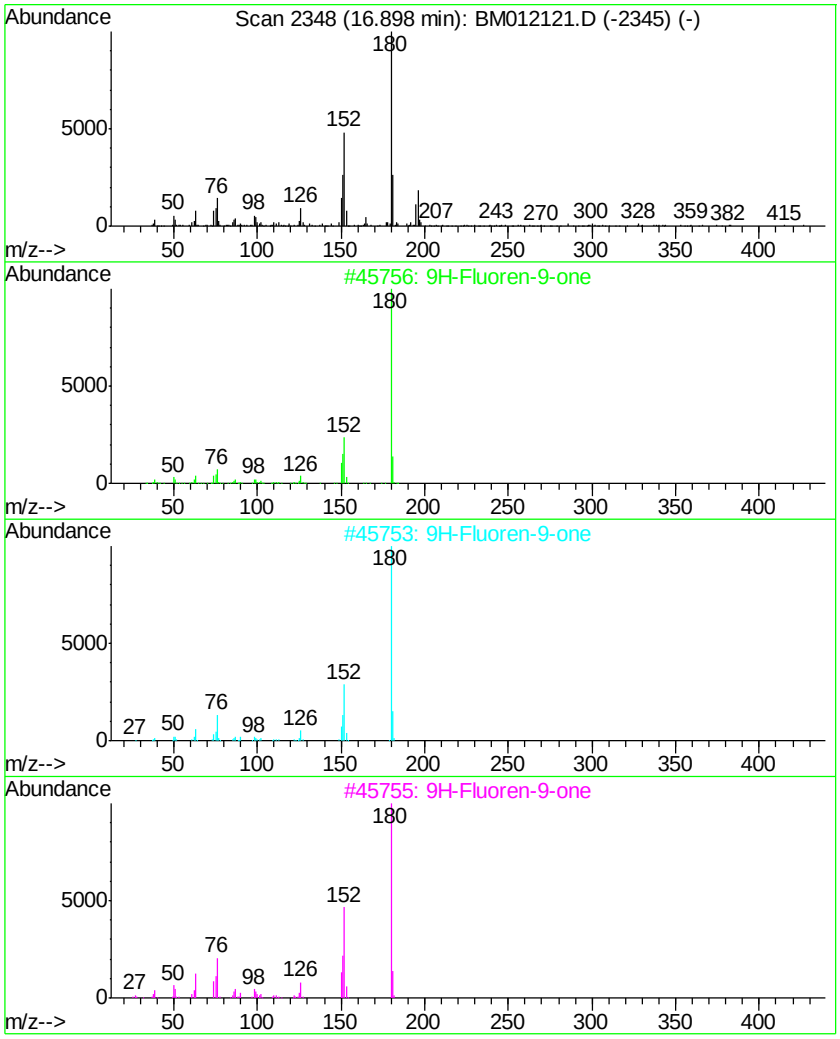
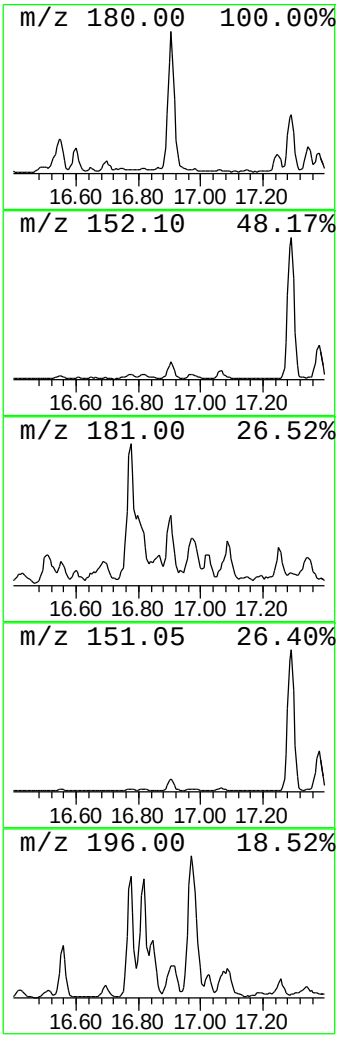
Peak Number 3 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	2.37 ng/ul	451583	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64





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Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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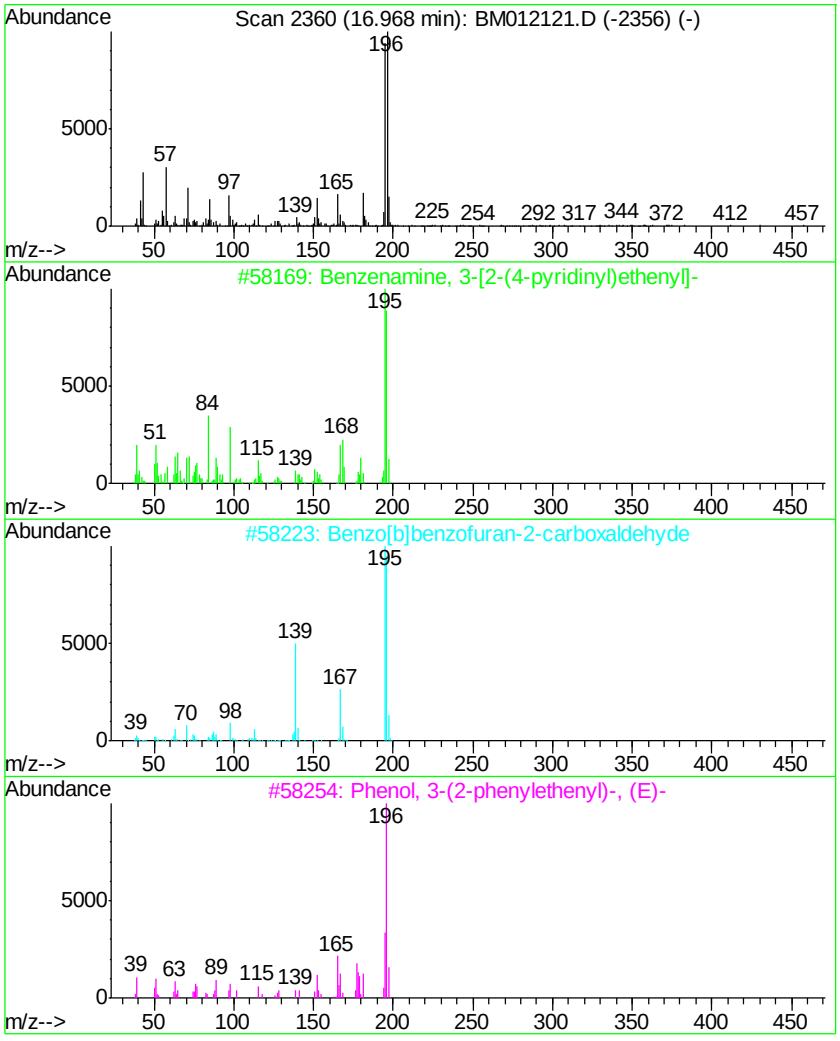
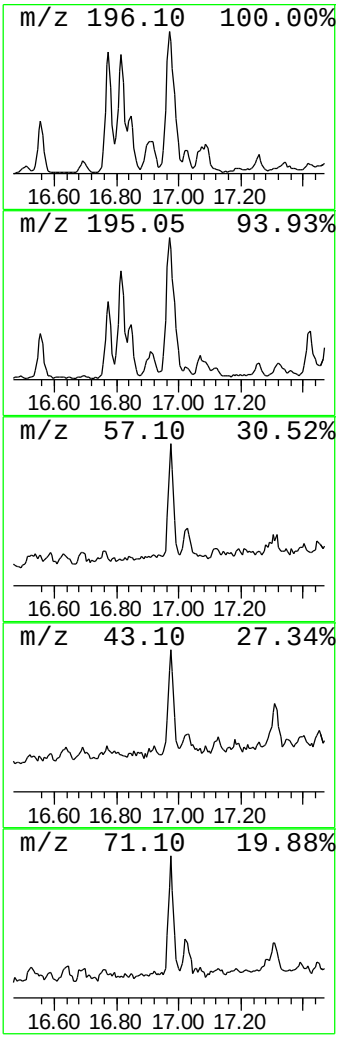
Peak Number 4 Benzenamine, 3-[2-(4-pyridi... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	4.08 ng/ul	778064	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	53
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	50
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49
5	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	47





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Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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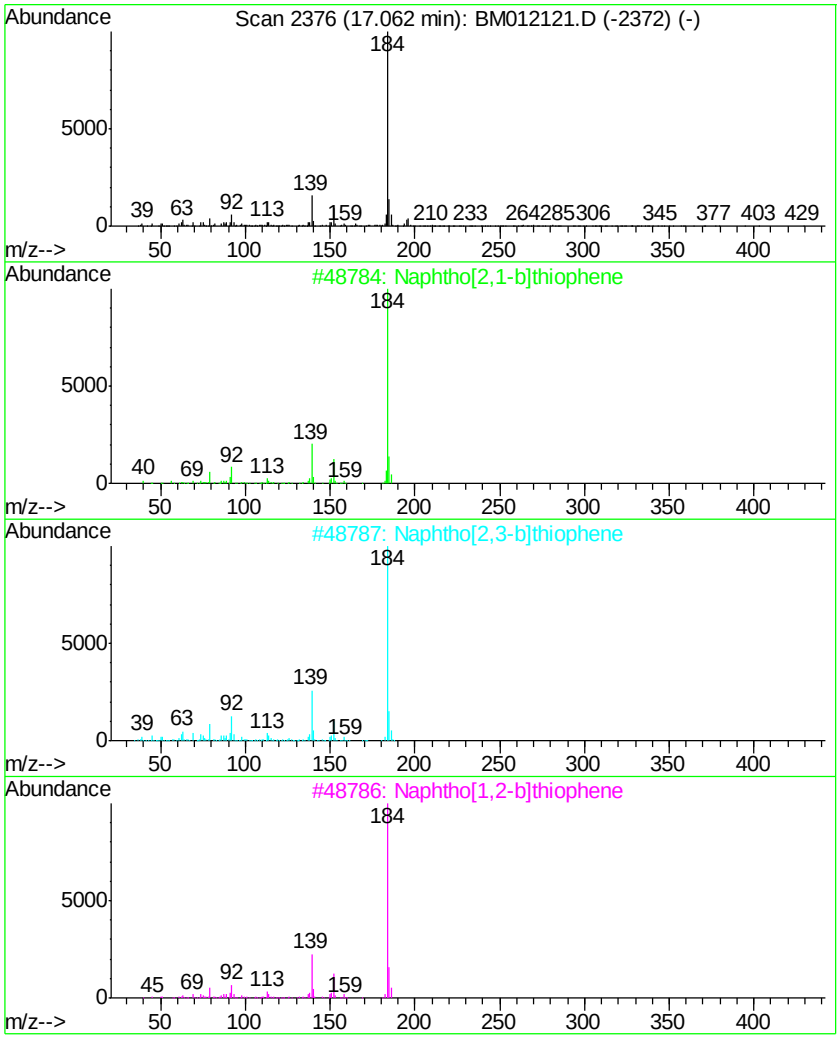
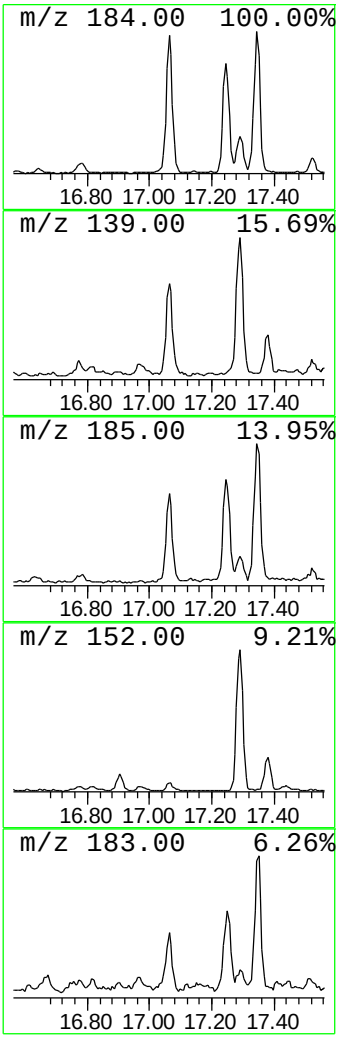
Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	3.85 ng/ul	733137	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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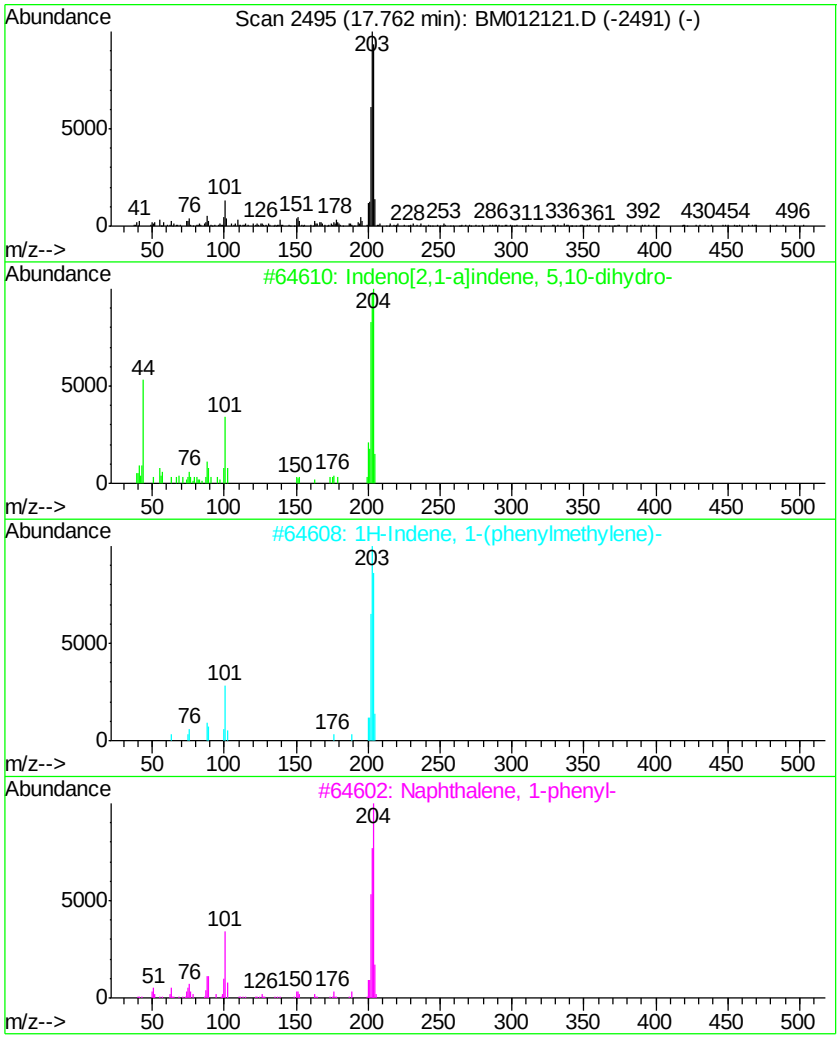
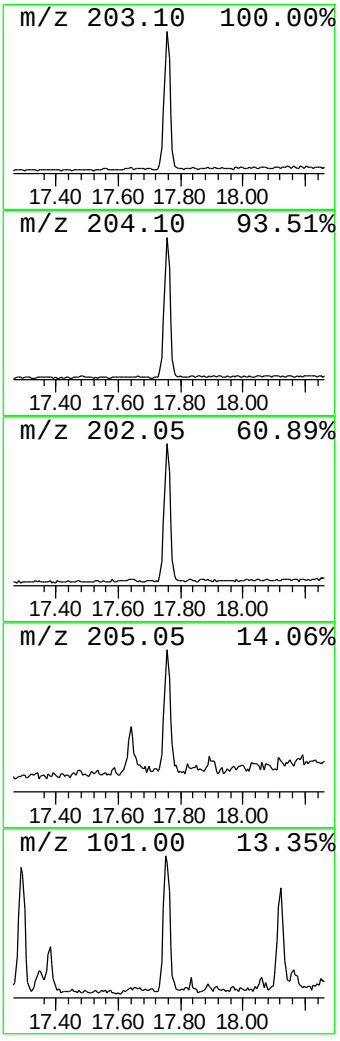
Peak Number 6 Indeno[2,1-a]indene, 5,10-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.05 ng/ul	390867	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	76
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	76
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	76
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	68





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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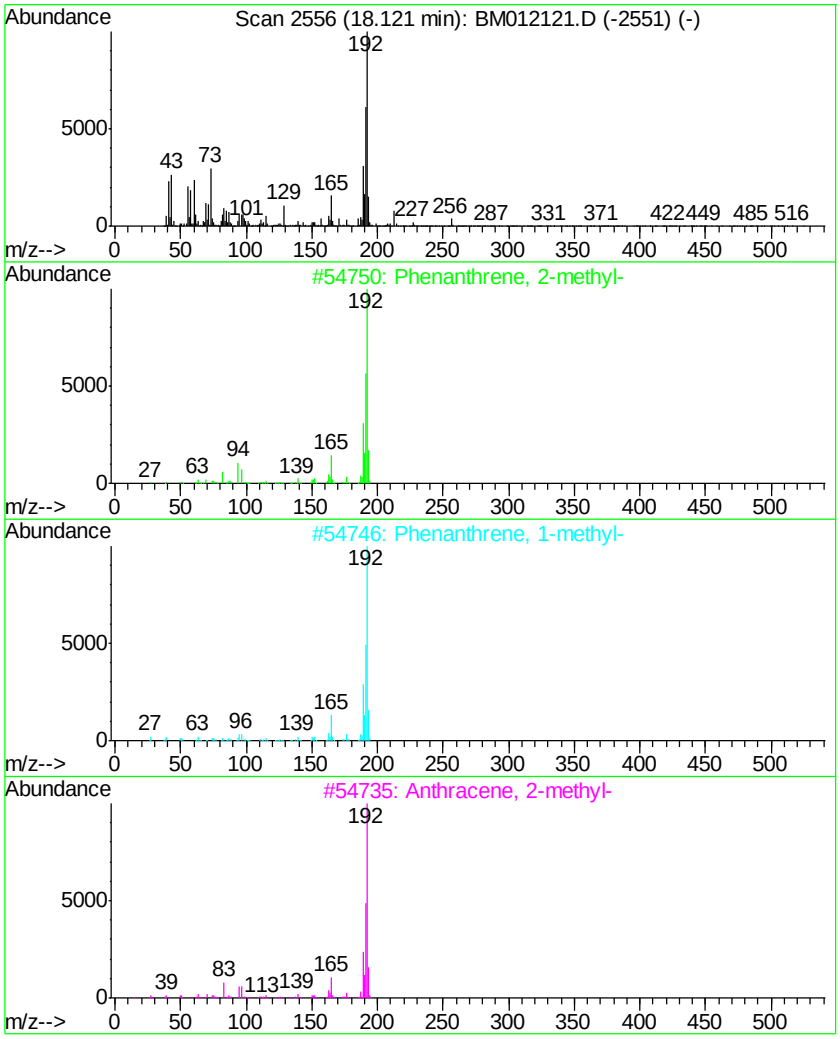
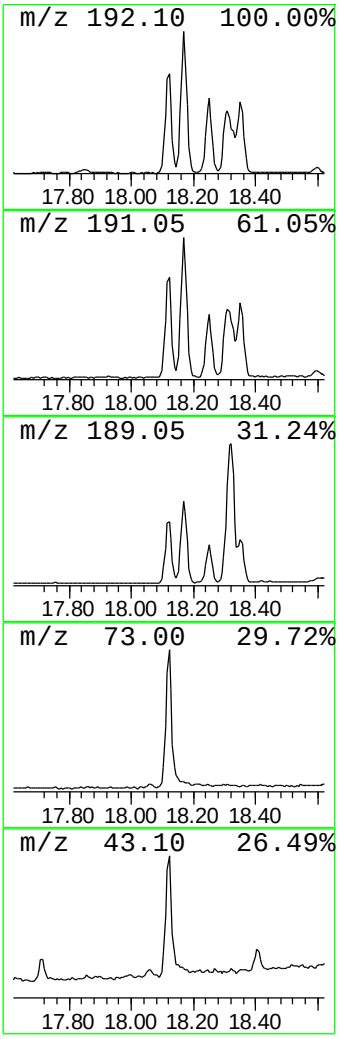
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	16.93 ng/ul	3227260	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Misc :
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Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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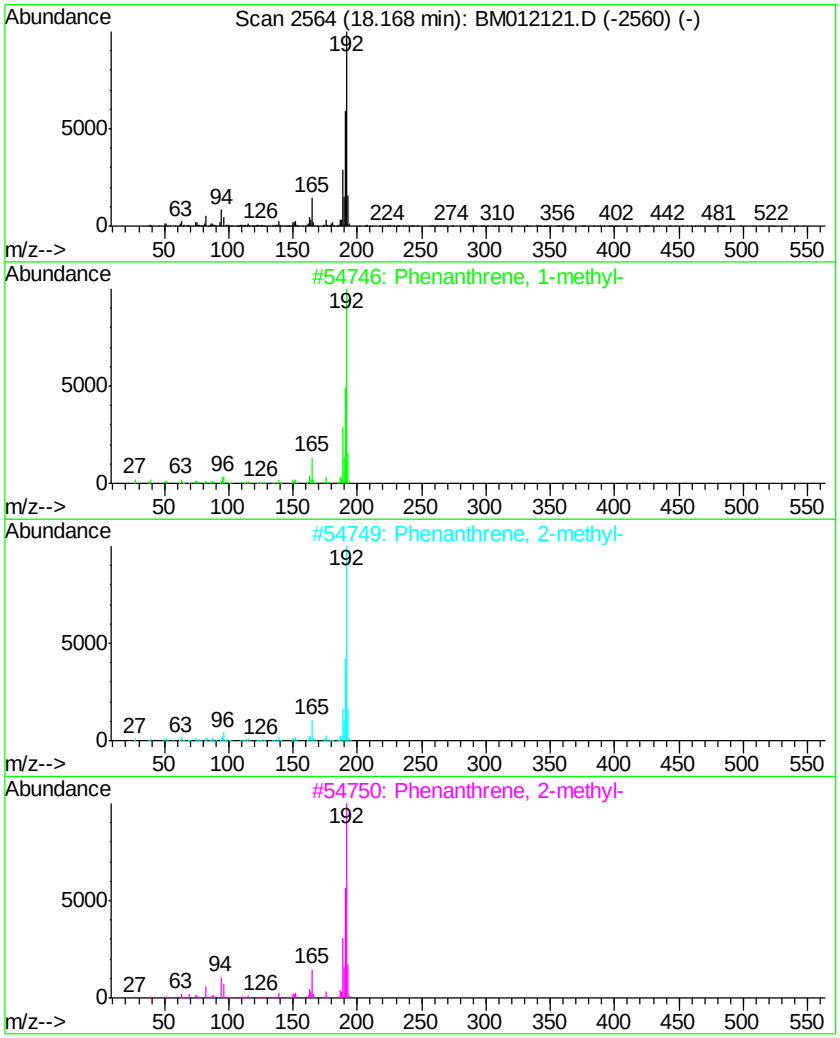
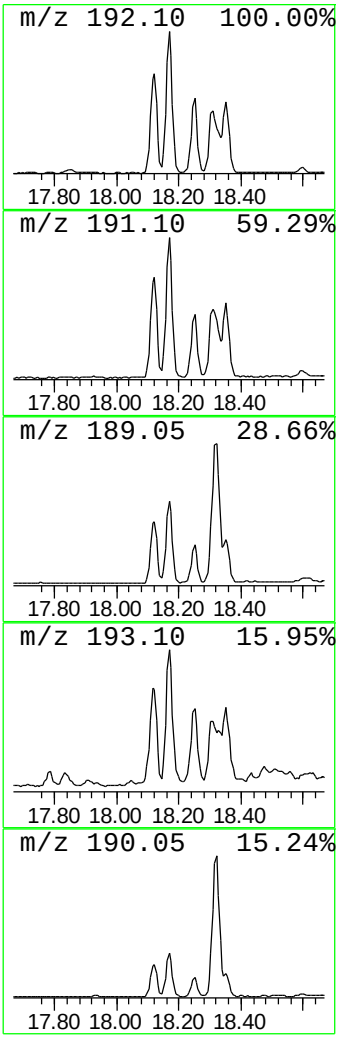
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	12.64 ng/ul	2409810	Phenanthrene-d10	17.24

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	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Data File : BM012121.D
Acq On : 13 Oct 2017 04:40
Operator : SJ/JU
Sample : I5533-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

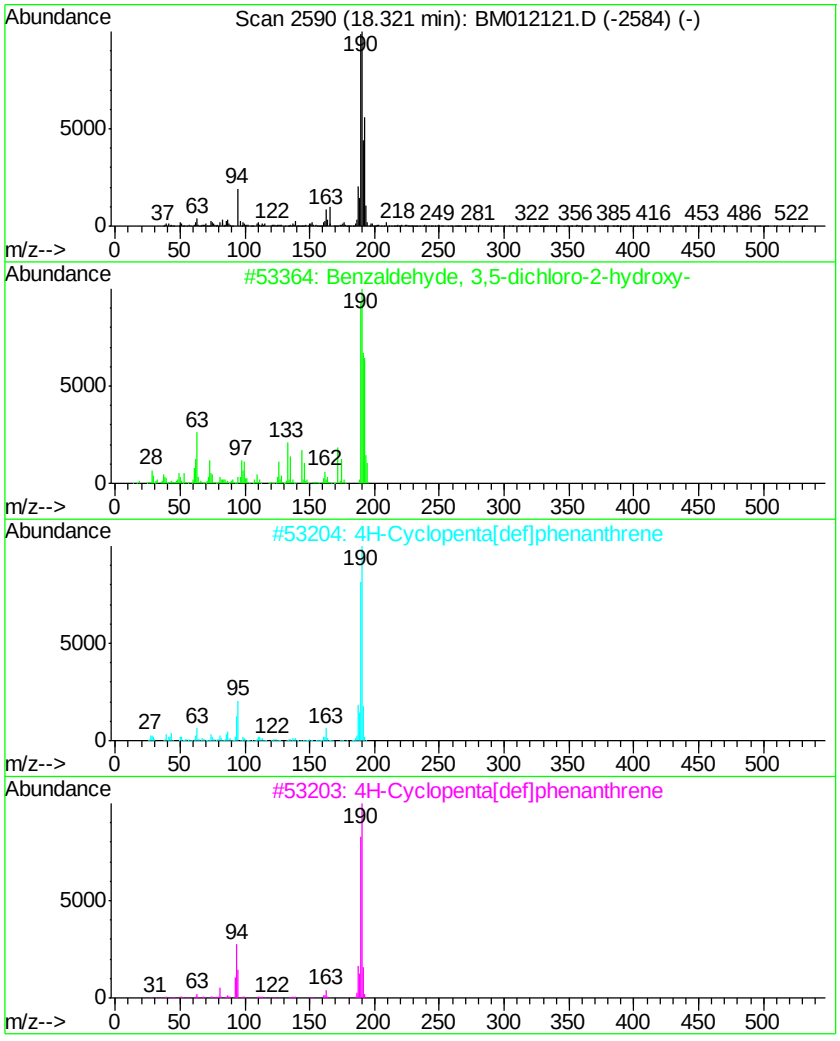
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

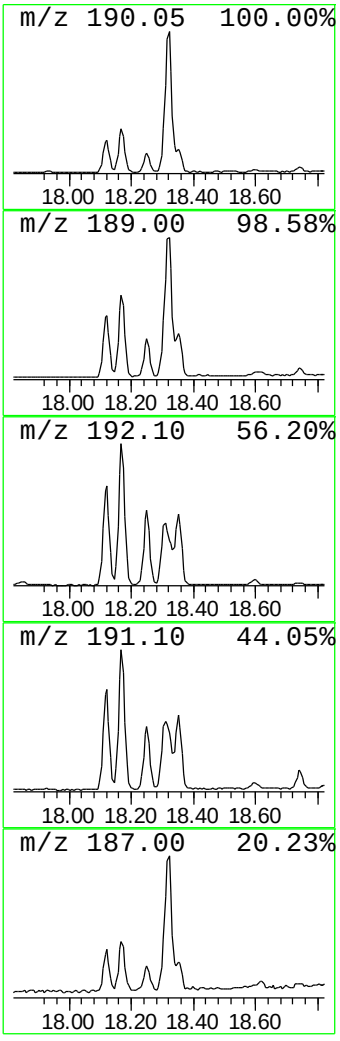
****

Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	13.32 ng/ul	2539440	Phenanthrene-d10	17.24

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	55
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Library Search Compound Report

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Operator : SJ/JU
Sample : I5533-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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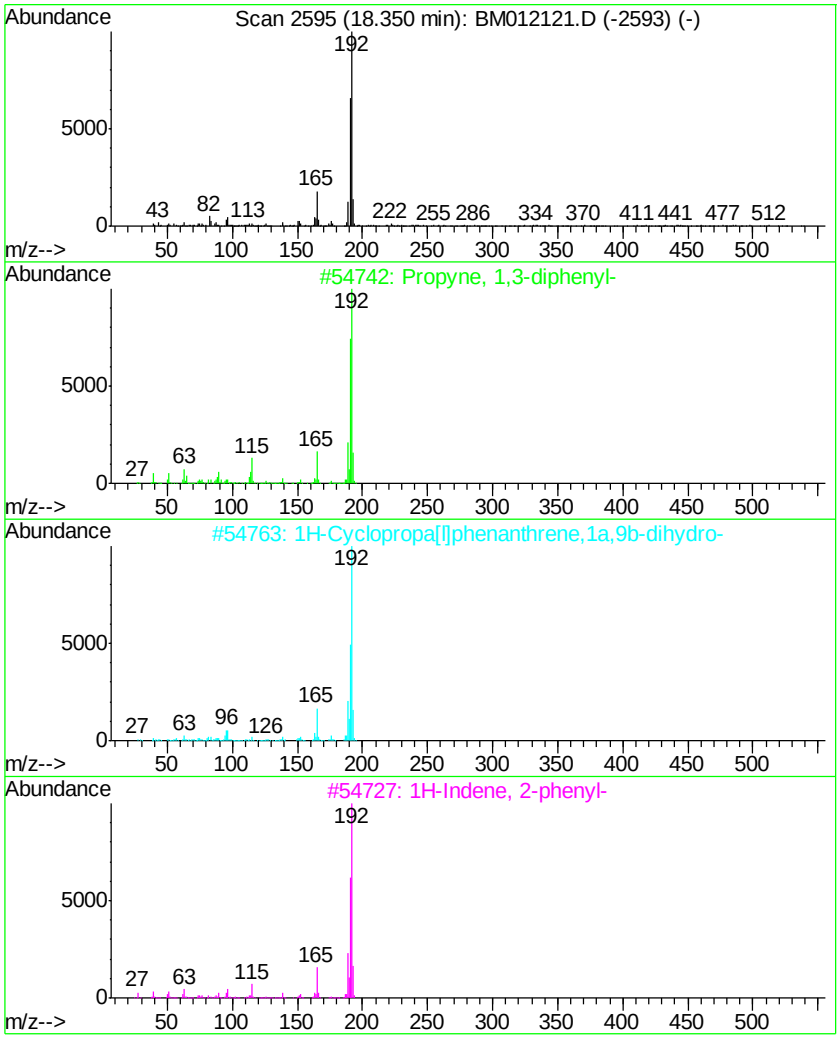
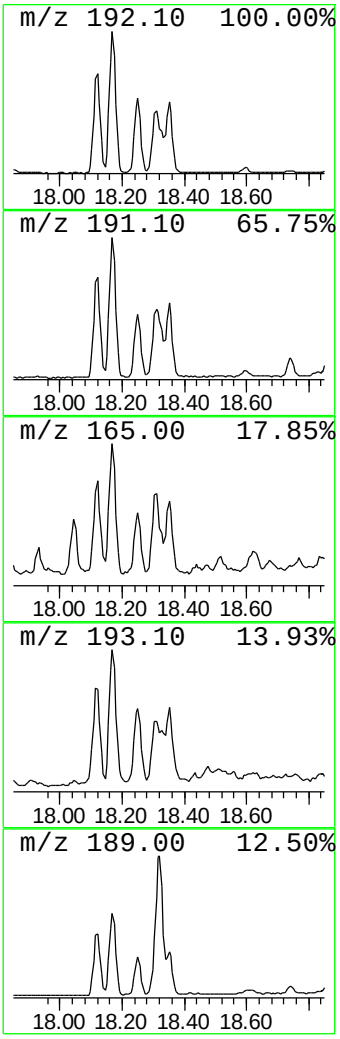
Peak Number 11 Propyne, 1,3-diphenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	5.28 ng/ul	1005630	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	81
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	81





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Operator : SJ/JU
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ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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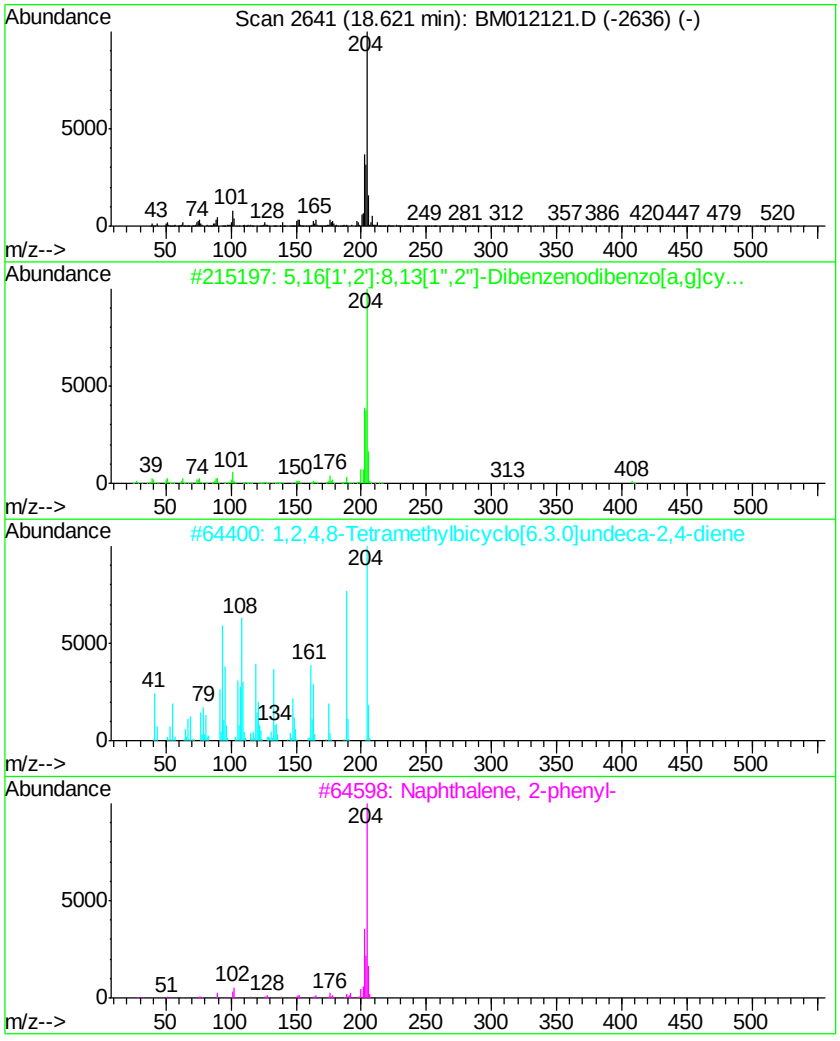
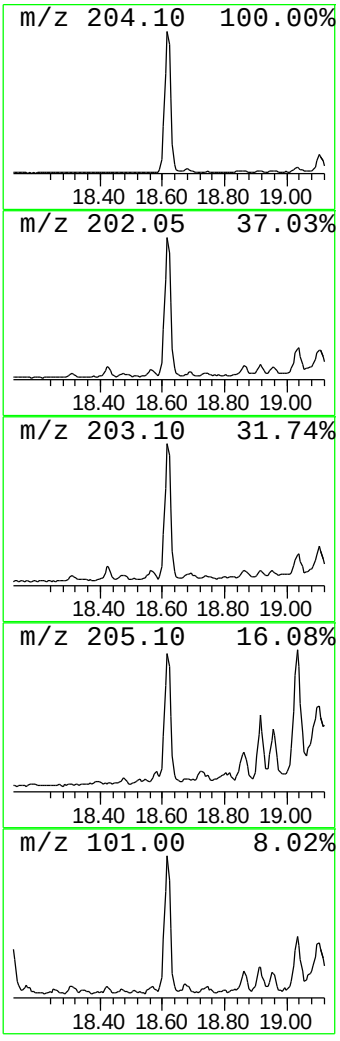
Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	7.37 ng/ul	1404390	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Library Search Compound Report

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Operator : SJ/JU
Sample : I5533-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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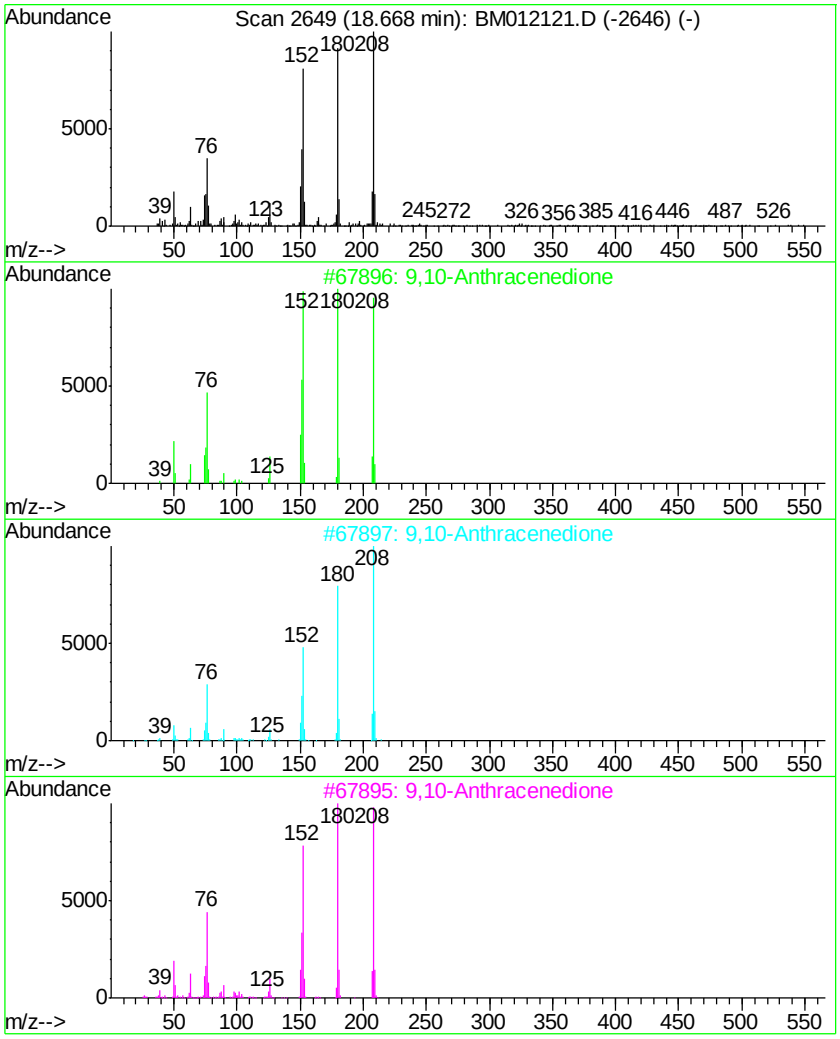
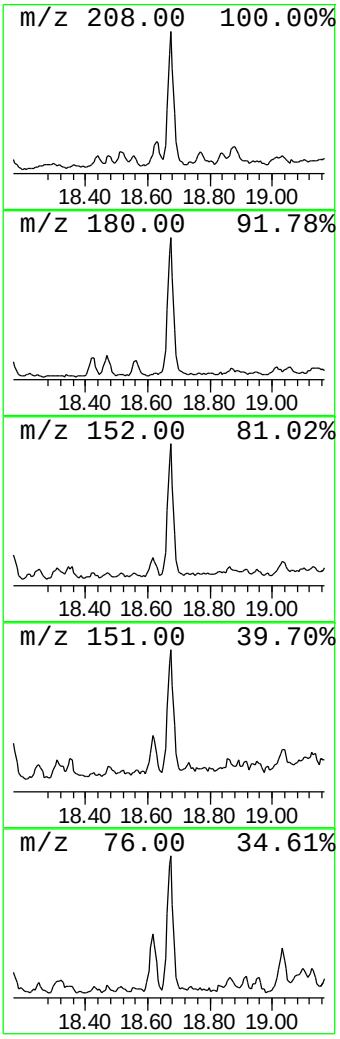
Peak Number 13 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	4.41 ng/ul	840699	Phenanthrene-d10	17.24

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	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64





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Operator : SJ/JU
Sample : I5533-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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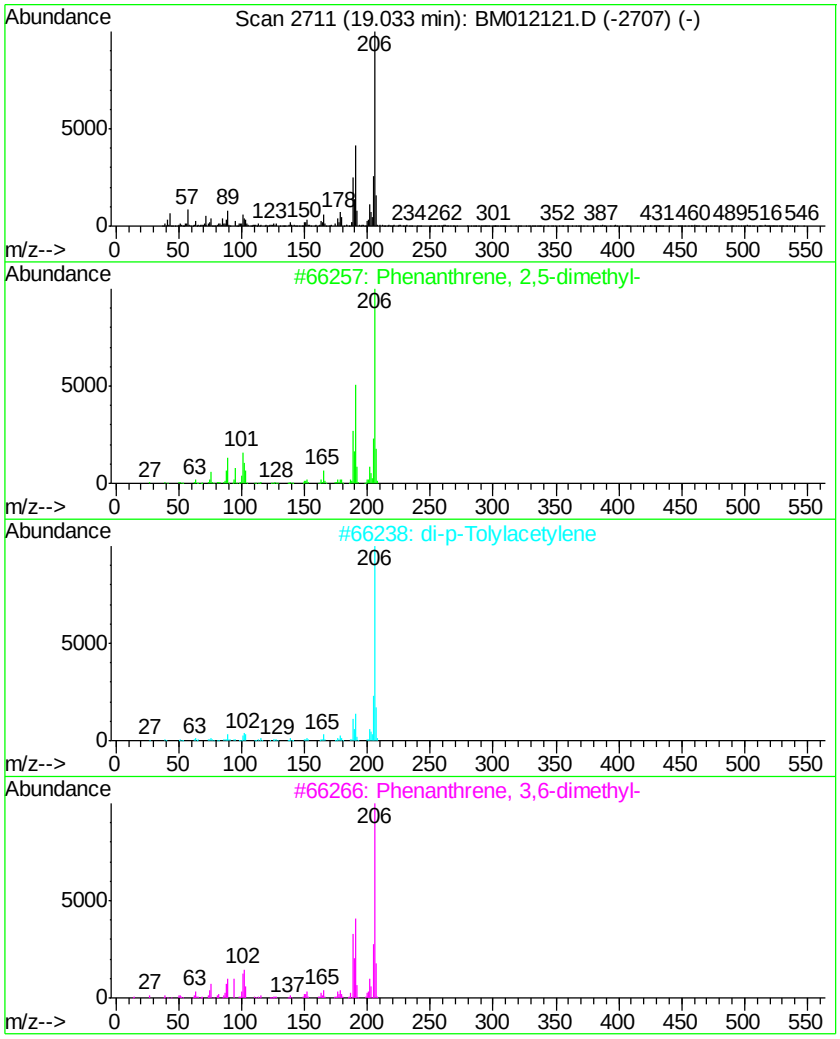
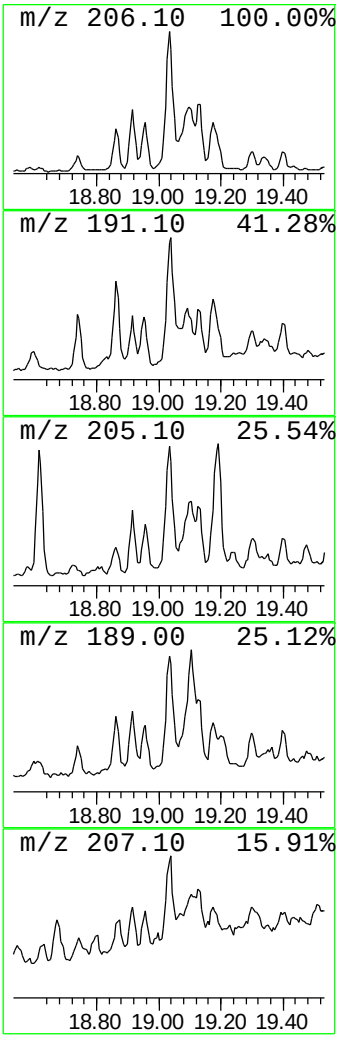
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	7.11 ng/ul	1354540	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Sample : I5533-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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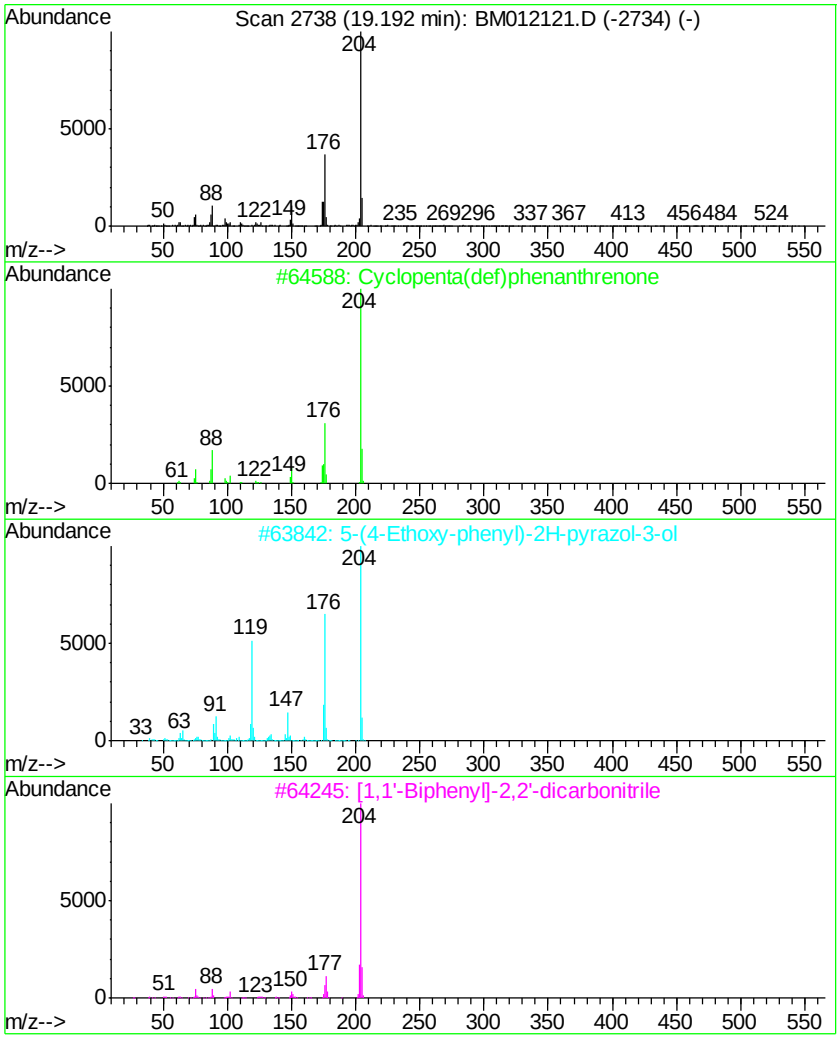
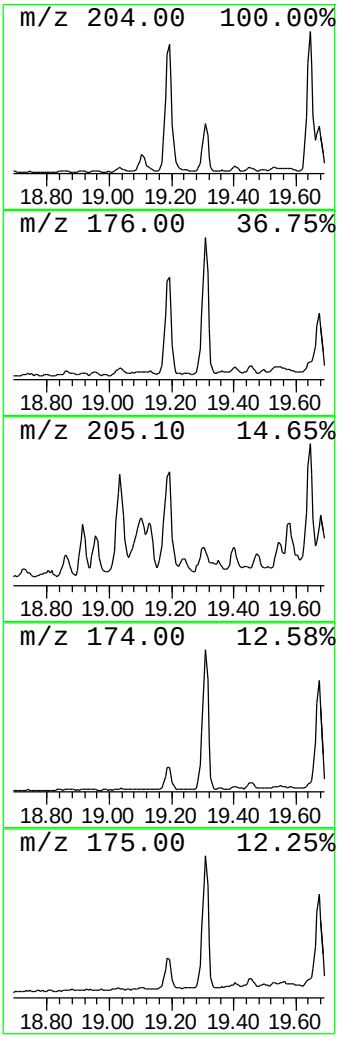
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	7.09 ng/ul	1351280	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	72
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	45





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Acq On : 13 Oct 2017 04:40
Operator : SJ/JU
Sample : I5533-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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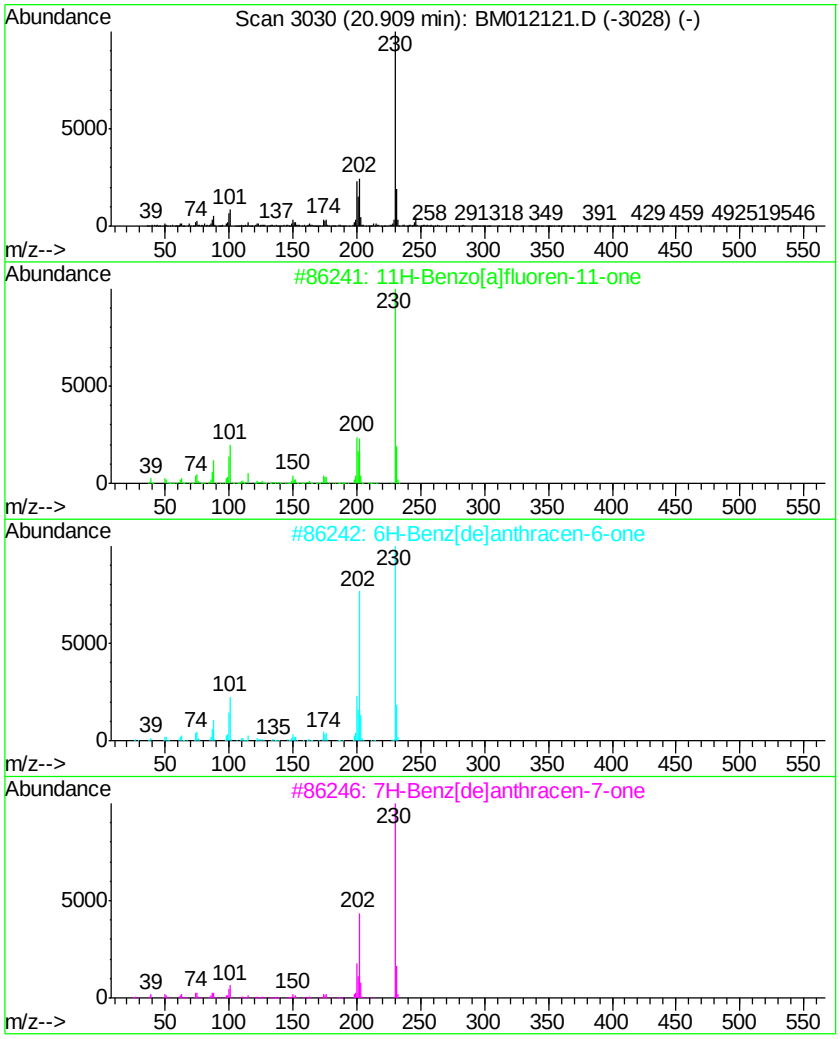
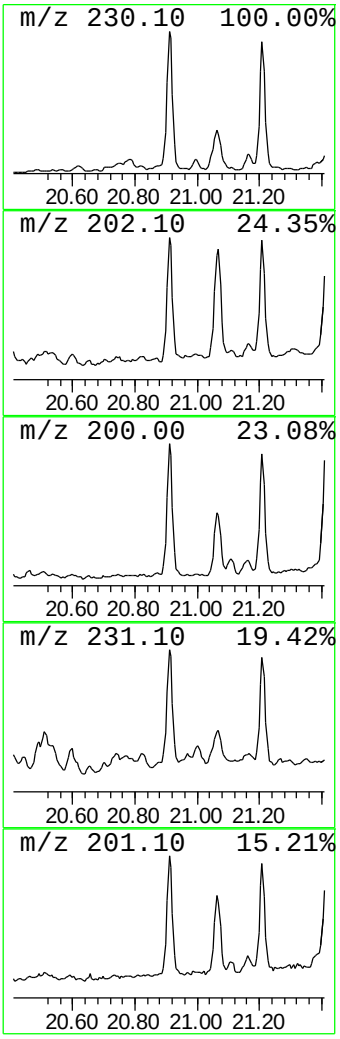
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	2.35 ng/ul	2041450	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





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Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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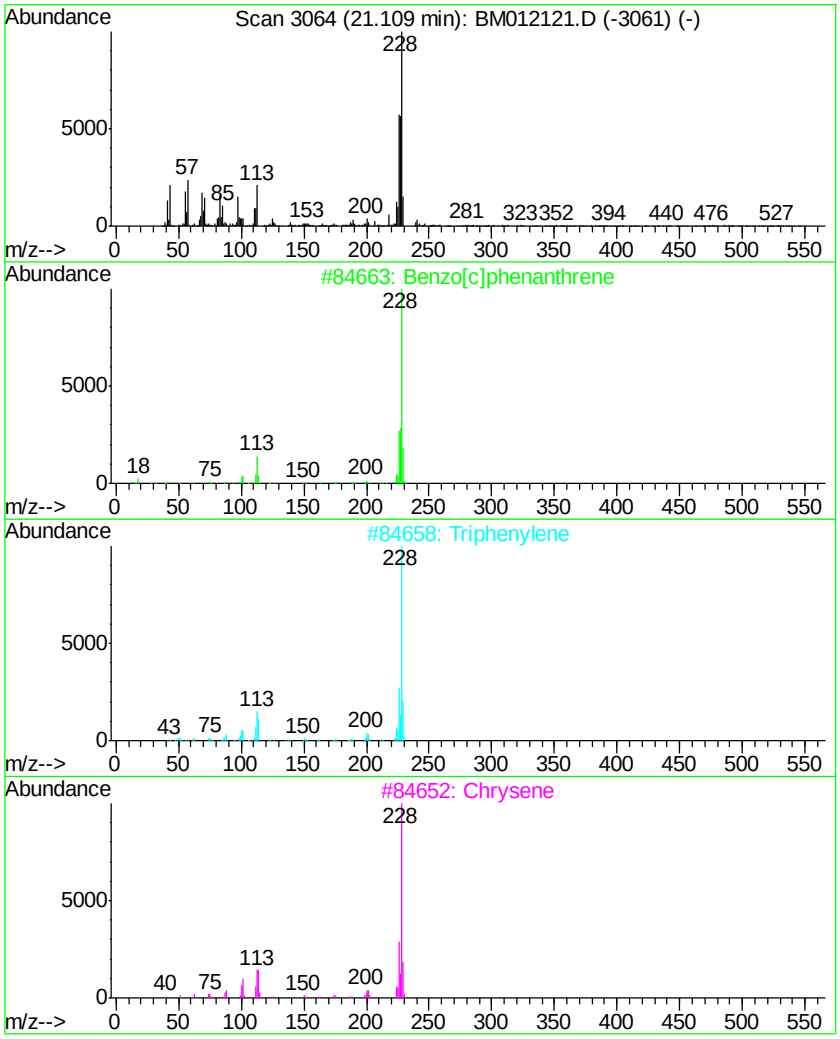
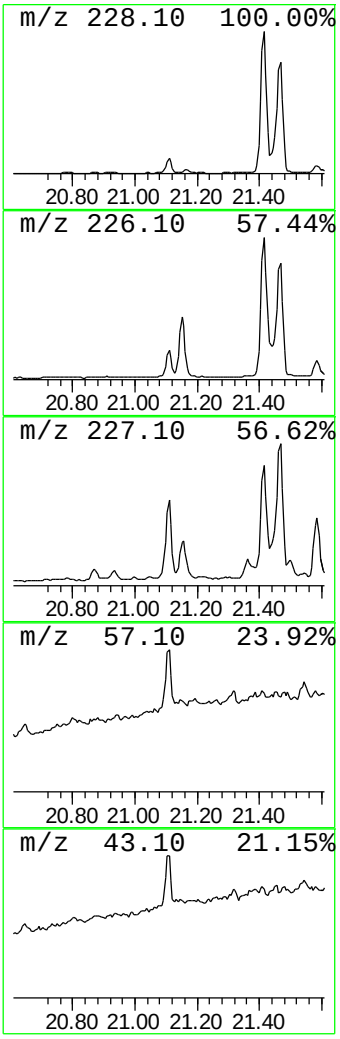
Peak Number 17 Benzo[c]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	2.82 ng/ul	2453900	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
2	Triphenylene	228	C18H12	000217-59-4	49
3	Chrysene	228	C18H12	000218-01-9	46
4	Triphenylene	228	C18H12	000217-59-4	46
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43





Tentatively Identified Compound (LSC) summary

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Operator : SJ/JU
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Instrument : BNA_M
ClientSampleId : B-77(0-1)-092817

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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
Dibenzofuran, 4-m...	15.84	2.2	ng/ul	428389	3	14.50	3882980	20.0
9H-Fluoren-9-ol	15.99	3.2	ng/ul	613194	4	17.24	3812130	20.0
9H-Fluoren-9-one	16.90	2.4	ng/ul	451583	4	17.24	3812130	20.0
Benzenamine, 3-[2...	16.97	4.1	ng/ul	778064	4	17.24	3812130	20.0
Naphtho[2,1-b]thi...	17.06	3.9	ng/ul	733137	4	17.24	3812130	20.0
Indeno[2,1-a]inde...	17.76	2.0	ng/ul	390867	4	17.24	3812130	20.0
Phenanthrene, 2-m...	18.12	16.9	ng/ul	3227260	4	17.24	3812130	20.0
Phenanthrene, 1-m...	18.17	12.6	ng/ul	2409810	4	17.24	3812130	20.0
Benzaldehyde, 3,5...	18.32	13.3	ng/ul	2539440	4	17.24	3812130	20.0
Propyne, 1,3-diph...	18.35	5.3	ng/ul	1005630	4	17.24	3812130	20.0
5,16[1',2']:8,13[...	18.62	7.4	ng/ul	1404390	4	17.24	3812130	20.0
9,10-Anthracenedione	18.67	4.4	ng/ul	840699	4	17.24	3812130	20.0
Phenanthrene, 2,5...	19.03	7.1	ng/ul	1354540	4	17.24	3812130	20.0
Cyclopenta(def)ph...	19.19	7.1	ng/ul	1351280	4	17.24	3812130	20.0
11H-Benzo[a]fluor...	20.91	2.4	ng/ul	2041450	5	21.43	17406300	20.0
Benzo[c]phenanthrene	21.11	2.8	ng/ul	2453900	5	21.43	17406300	20.0