LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010511.D
Acq On : 11 Jun 2017 06:34
Operator : SJ/MA
Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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	10.798	1287	1311	1315	rBV3	157826662	367066858	63.06%	11.636%
2	10.886	1315	1326	1337	rVB	5389547	9740852	1.67%	0.309%
3	12.380	1564	1580	1584	rBV3	109821320	196518425	33.76%	6.230%
4	12.592	1604	1616	1621	rVV2	56952206	85311580	14.66%	2.704%
5	13.369	1740	1748	1756	rBV	25796288	33960818	5.83%	1.077%
6	13.551	1773	1779	1791	rVB	6346280	11303622	1.94%	0.358%
7	13.686	1791	1802	1804	rBV	11320166	19011824	3.27%	0.603%
8	13.851	1822	1830	1835	rBV	17091594	30213535	5.19%	0.958%
9	13.904	1835	1839	1844	rVB	12670231	15202264	2.61%	0.482%
10	14.080	1861	1869	1873	rBV	6176545	9222807	1.58%	0.292%
11	14.251	1886	1898	1906	rBV4	4283758	8998475	1.55%	0.285%
12	14.504	1935	1941	1945	rBV	8868743	12889218	2.21%	0.409%
13	14.621	1951	1961	1965	rBV3	105542653	173848407	29.87%	5.511%
14	14.951	2007	2017	2021	rVV2	77319616	129572267	22.26%	4.107%
15	15.604	2119	2128	2132	rBV2	102534629	179718873	30.87%	5.697%
16	15.745	2148	2152	2156	rVB2	7784377	11108459	1.91%	0.352%
17	15.868	2169	2173	2179	rVB	13737935	18594293	3.19%	0.589%
18	16.021	2187	2199	2206	rBV	14103394	28263984	4.86%	0.896%
19	16.580	2281	2294	2298	rBV	9792854	18211668	3.13%	0.577%
20	16.798	2323	2331	2334	rBV2	3050303	6345160	1.09%	0.201%
21	16.998	2361	2365	2377	rVB	3469934	7238833	1.24%	0.229%
22	17.110	2377	2384	2395	rVB	20857513	29679271	5.10%	0.941%
23	17.374	2409	2429	2433	rBV8	215045095	582106834	100.00%	18.453%
24	17.439	2435	2440	2447	rVB2	46165959	57233426	9.83%	1.814%
25	17.709	2474	2486	2495	rBV	18321184	29615360	5.09%	0.939%
26	17.792	2495	2500	2508	rBV	3662261	6295396	1.08%	0.200%
27	18.151	2553	2561	2565	rBV	19322654	26916758	4.62%	0.853%
28	18.204	2565	2570	2577	rVB	28329014	37054798	6.37%	1.175%
29	18.286	2578	2584	2589	rBV	10515120	14133681	2.43%	0.448%
30	18.362	2589	2597	2606	rVB2	39549164	73153592	12.57%	2.319%
31	18.651	2641	2646	2652	rVB	14552549	18602380	3.20%	0.590%
32	19.056	2709	2715	2720	rBV	4598752	7809768	1.34%	0.248%
33	19.368	2756	2768	2771	rBV4	167554141	305589252	52.50%	9.687%
34	19.586	2800	2805	2815	rVB	4588695	8872973	1.52%	0.281%

LSC Area Percent Report

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Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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	19.727	2815	2829	2833	rBV5	121341634	253105276	43.48%	8.023%
36	19.762	2833	2835	2839	rVB	5367383	5935515	1.02%	0.188%
37	19.874	2849	2854	2858	rVB	7729375	9342737	1.60%	0.296%
38	20.009	2871	2877	2885	rVB2	6493657	15084070	2.59%	0.478%
39	20.092	2885	2891	2895	rBV	3810669	6249532	1.07%	0.198%
40	20.192	2895	2908	2912	rVB	24477953	39154219	6.73%	1.241%
41	20.292	2919	2925	2928	rBV	27173326	35431741	6.09%	1.123%
42	21.098	3057	3062	3065	rBV	7944870	11335792	1.95%	0.359%
43	21.133	3065	3068	3072	rVV	6690431	9289112	1.60%	0.294%
44	21.174	3072	3075	3079	rVV2	5044565	7456498	1.28%	0.236%
45	21.439	3113	3120	3126	rBV2	46695738	80233918	13.78%	2.543%
46	21.497	3126	3130	3134	rVB	38161571	45474927	7.81%	1.442%
47	21.609	3144	3149	3154	rBV	7447364	9847262	1.69%	0.312%
48	22.003	3211	3216	3221	rVV	4320289	7651781	1.31%	0.243%
49	23.080	3392	3399	3404	rBV	11014835	26763964	4.60%	0.848%
50	23.586	3479	3485	3490	rBV	4865125	8526457	1.46%	0.270%
51	23.686	3497	3502	3508	rVB	8627377	14308556	2.46%	0.454%

Sum of corrected areas: 3154597068

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Misc :
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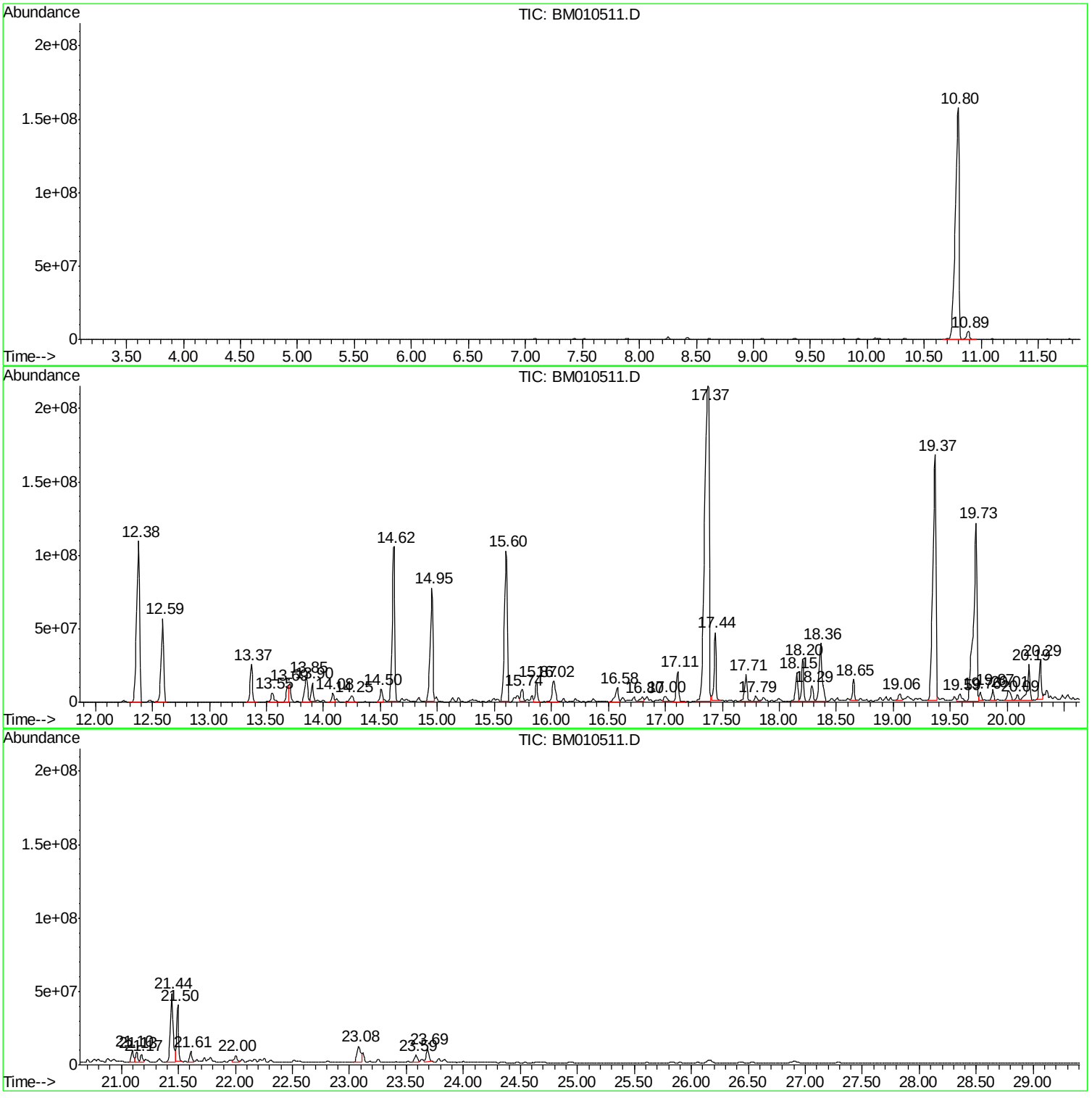
Instrument : BNA_M
ClientSampleId : F5C58

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\
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Instrument : BNA_M
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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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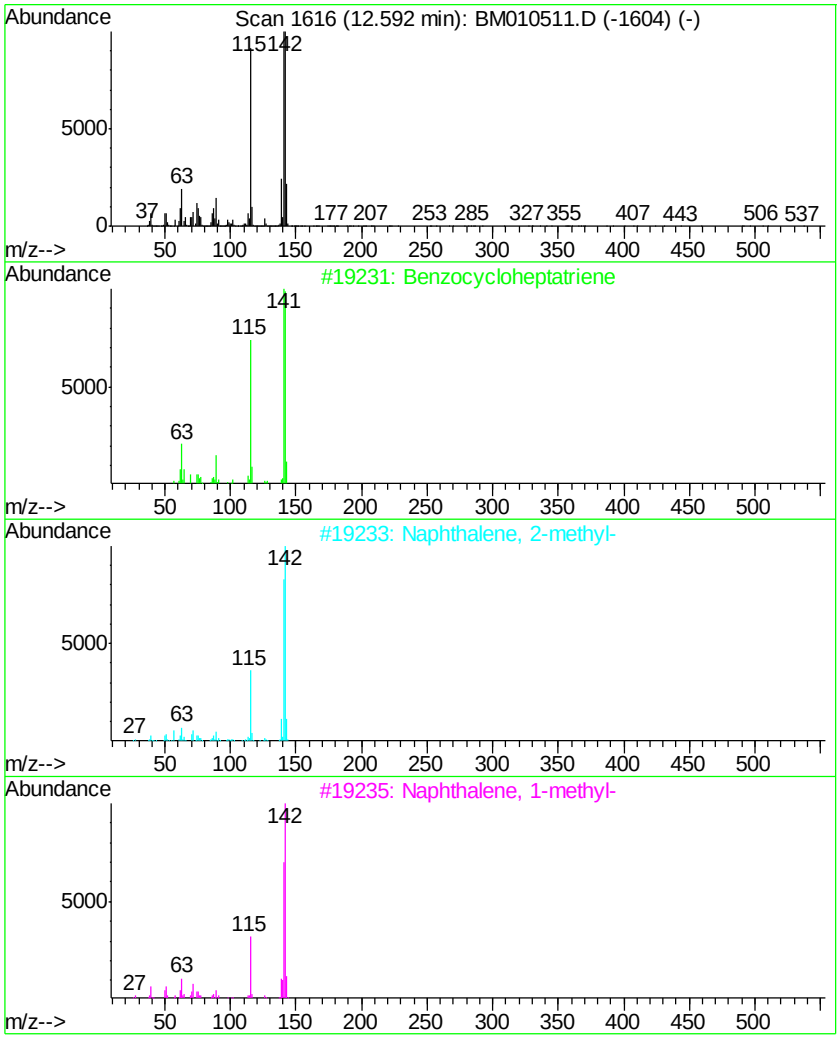
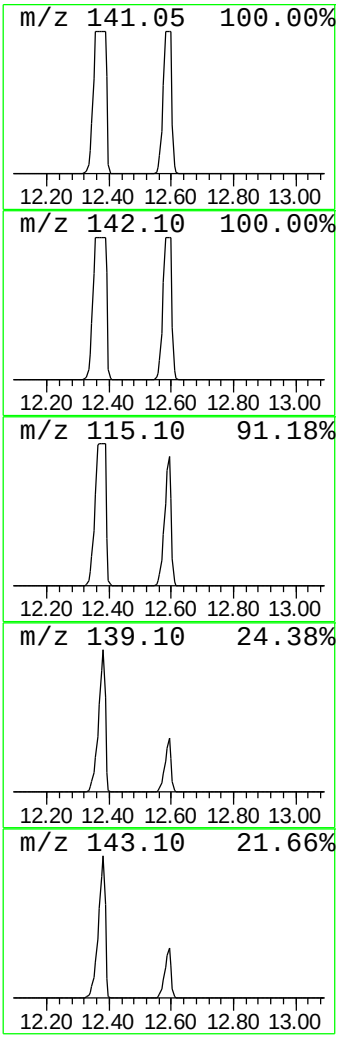
Peak Number 1 Benzocycloheptatriene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	4.65 ng/ul	85311600	Naphthalene-d8	10.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90





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Misc :
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Instrument : BNA_M
ClientSampleId : F5C58

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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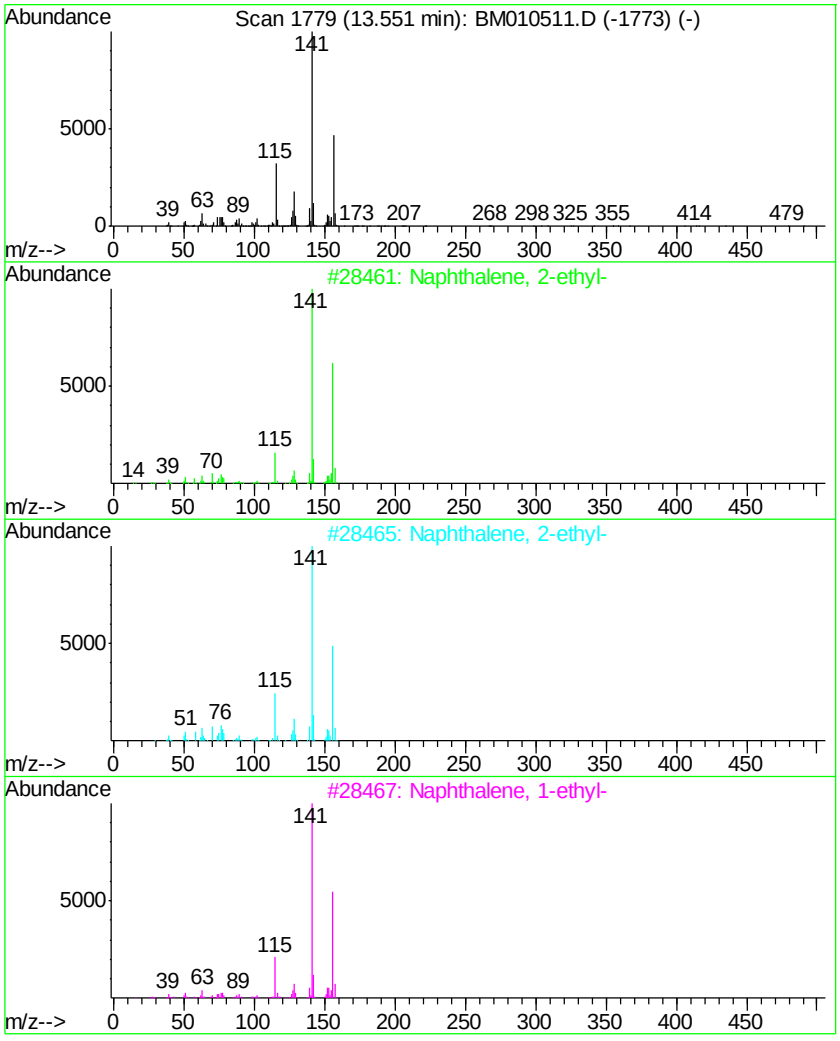
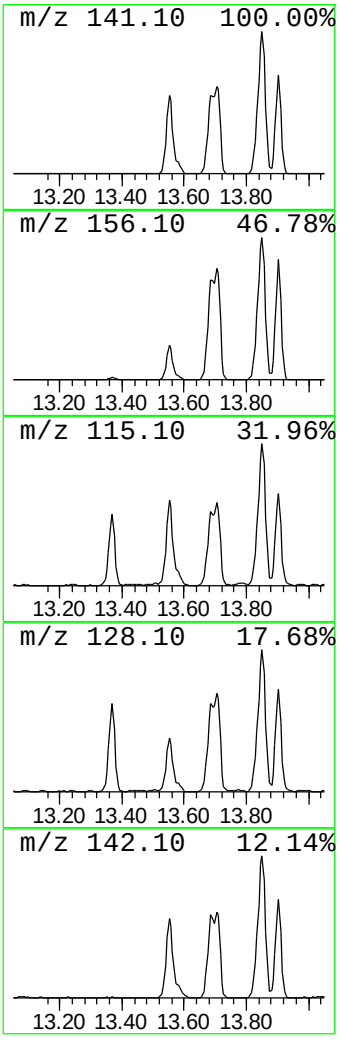
Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	17.54 ng/ul	11303600	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010511.D
Acq On : 11 Jun 2017 06:34
Operator : SJ/MA
Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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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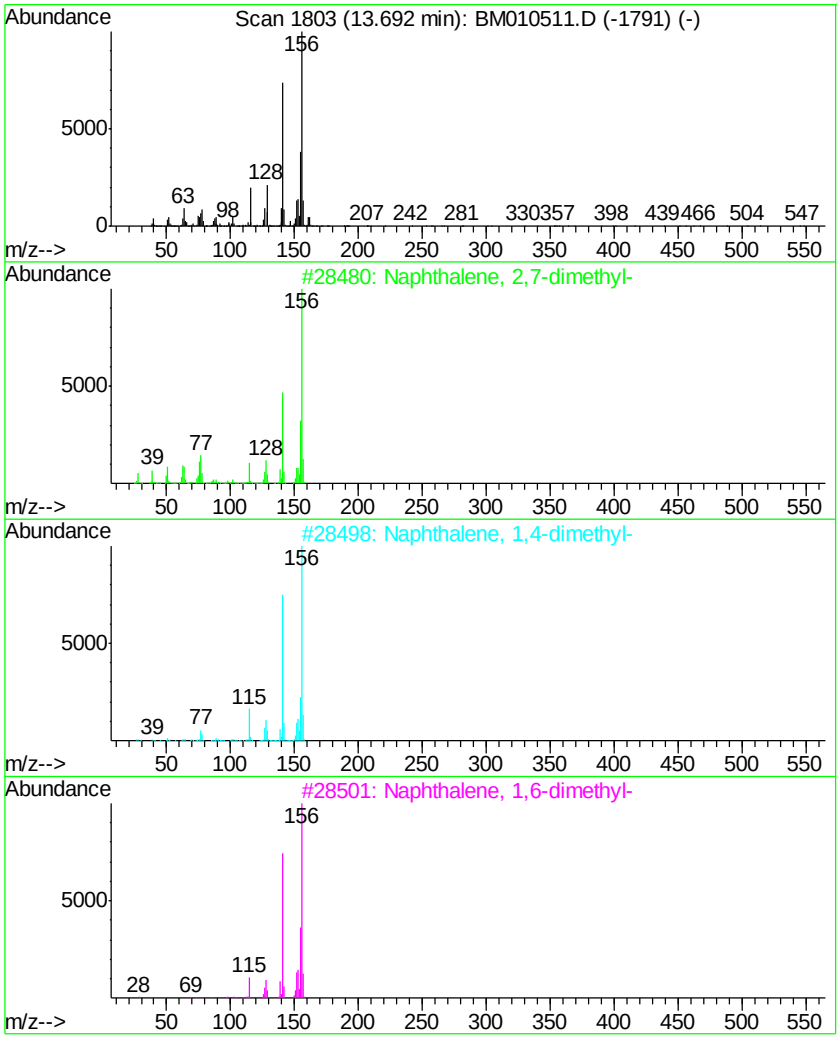
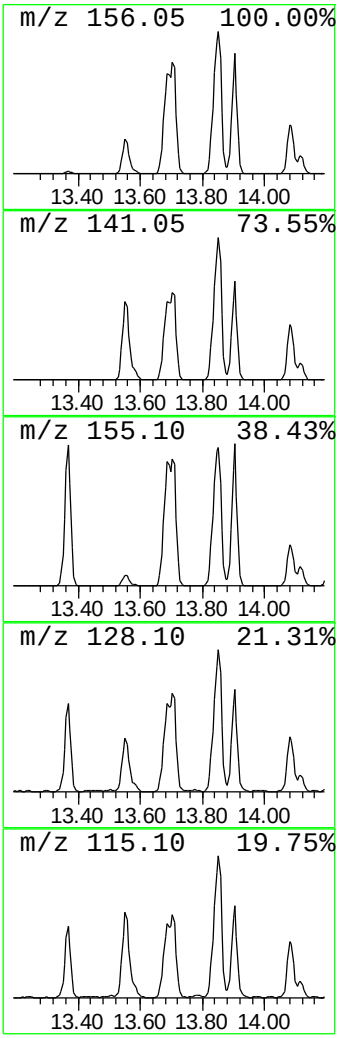
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	29.50 ng/ul	19011800	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





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Data File : BM010511.D
Acq On : 11 Jun 2017 06:34
Operator : SJ/MA
Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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

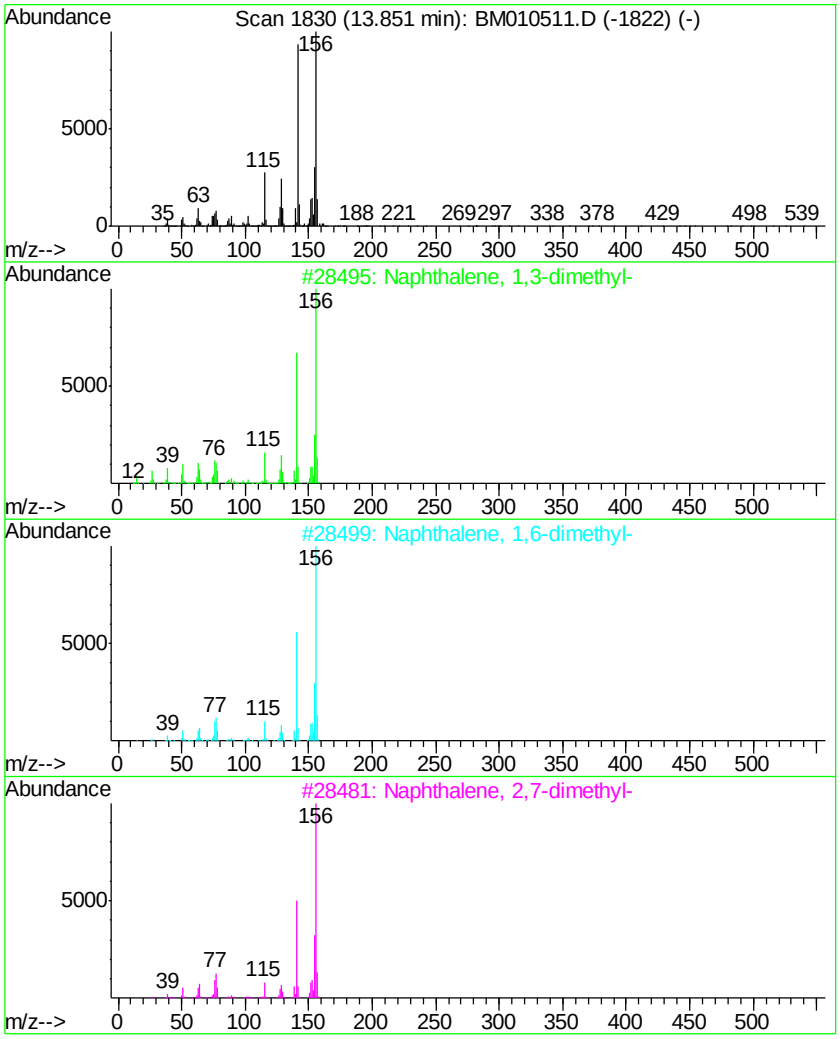
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

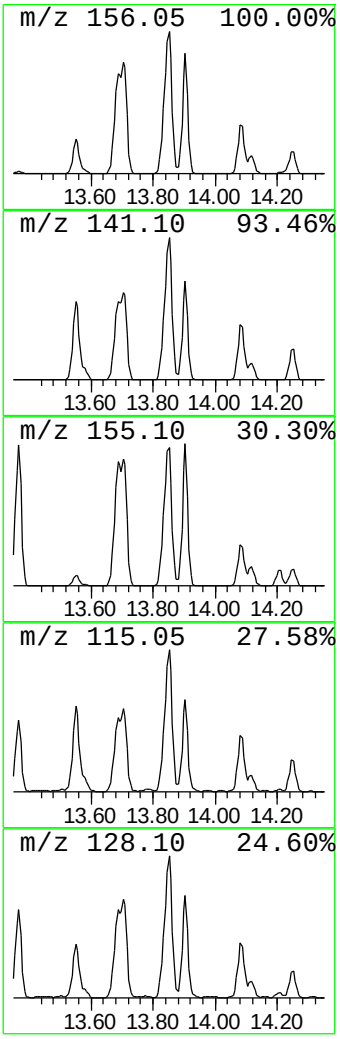
****

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	46.88 ng/ul	30213500	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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

TIC Library : C:\DATABASE\NIST11.L
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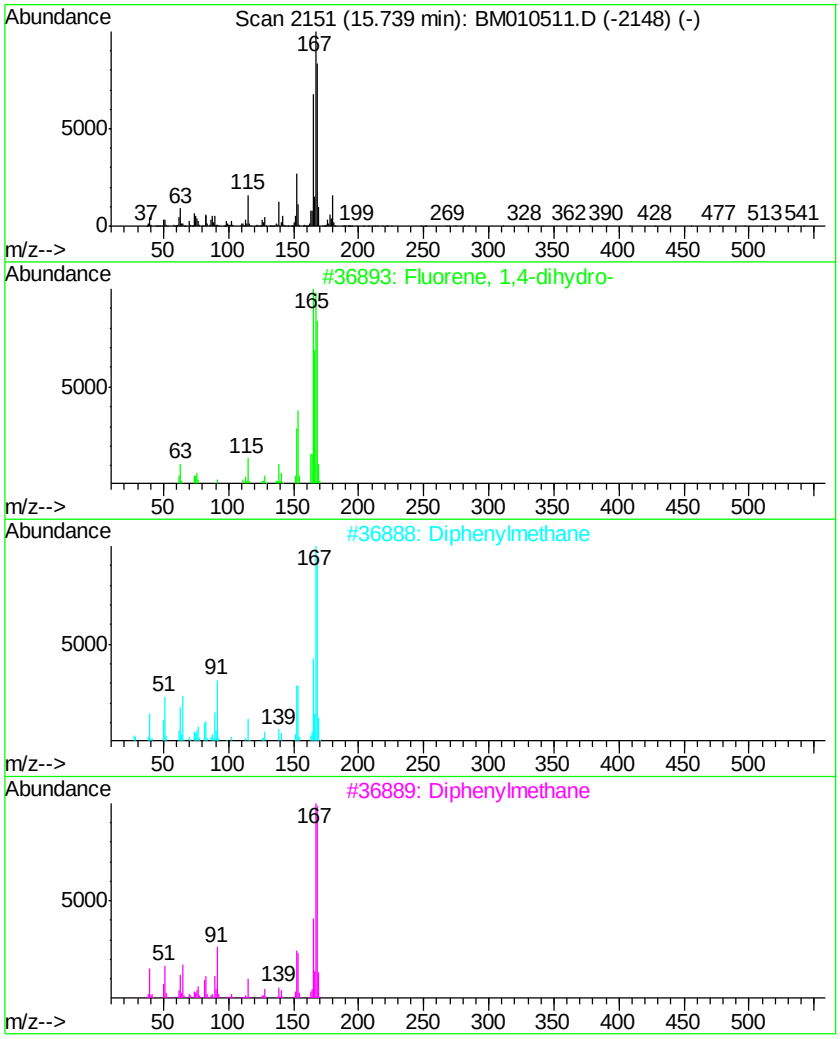
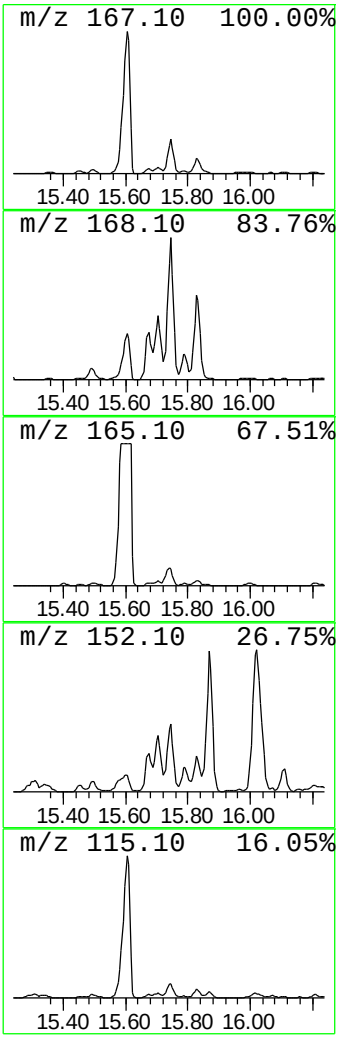
Peak Number 6 Fluorene, 1,4-dihydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	17.24 ng/ul	11108500	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	70
2	Diphenylmethane	168	C13H12	000101-81-5	64
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	53





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Instrument : BNA_M
ClientSampleId : F5C58

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Quant Title : SVOA CALIBRATION

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

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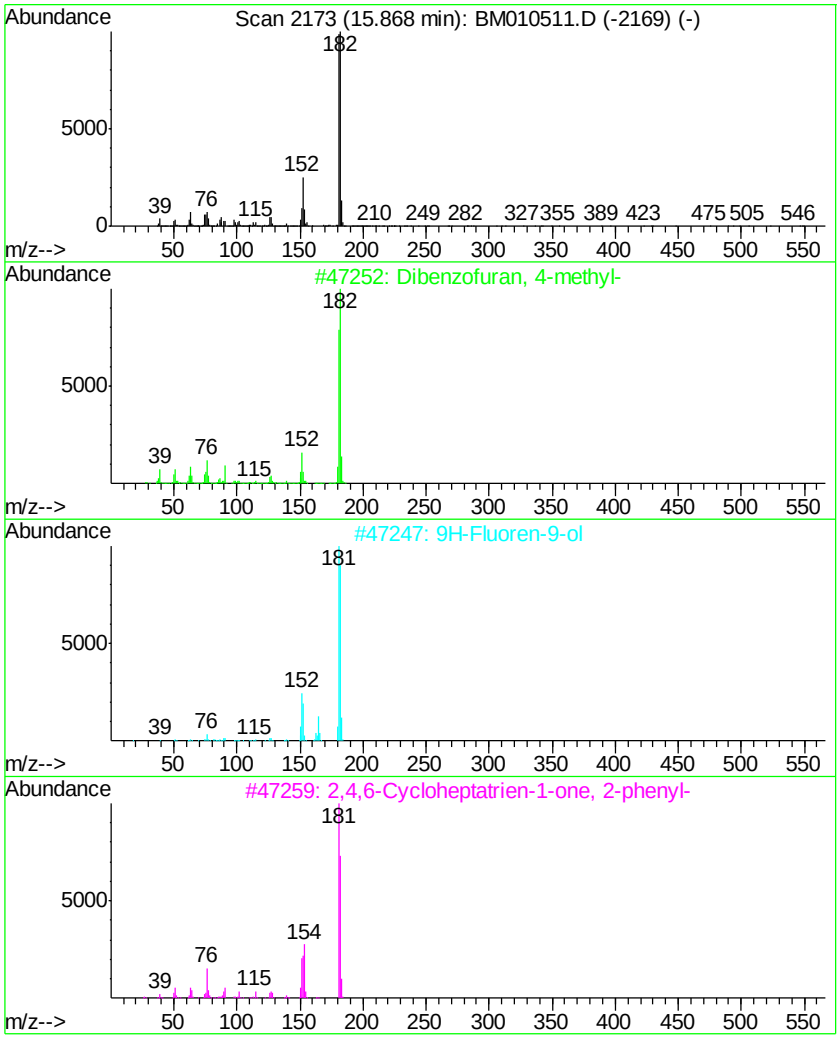
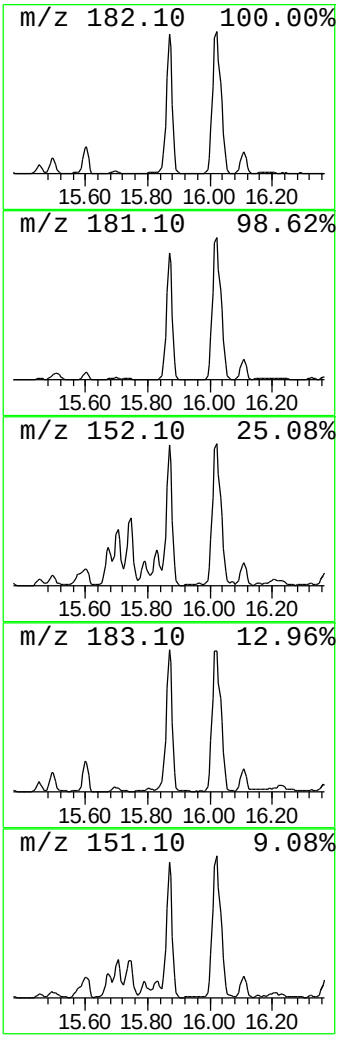
Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	28.85 ng/ul	18594300	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	72





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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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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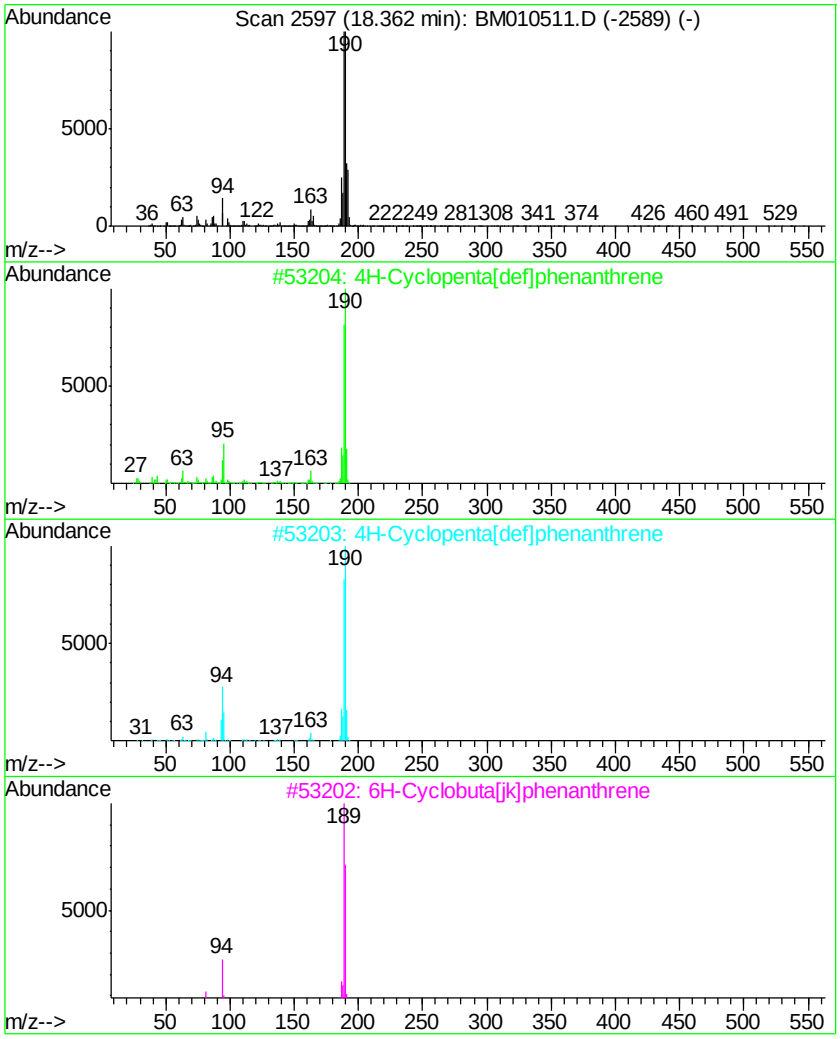
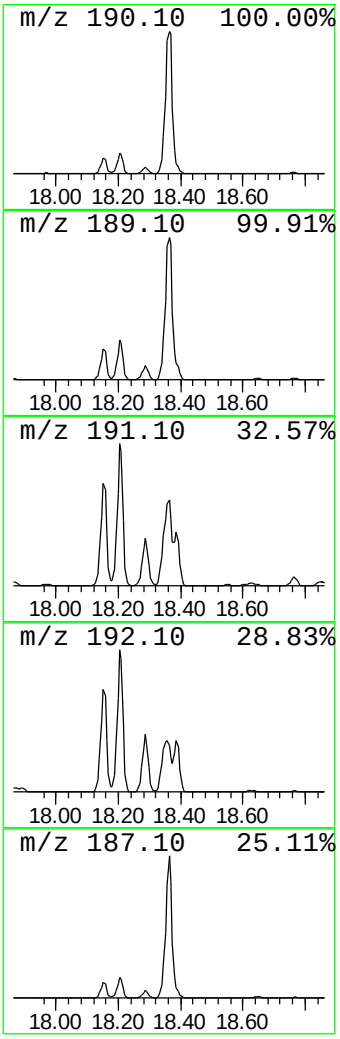
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.51 ng/ul	73153600	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
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Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
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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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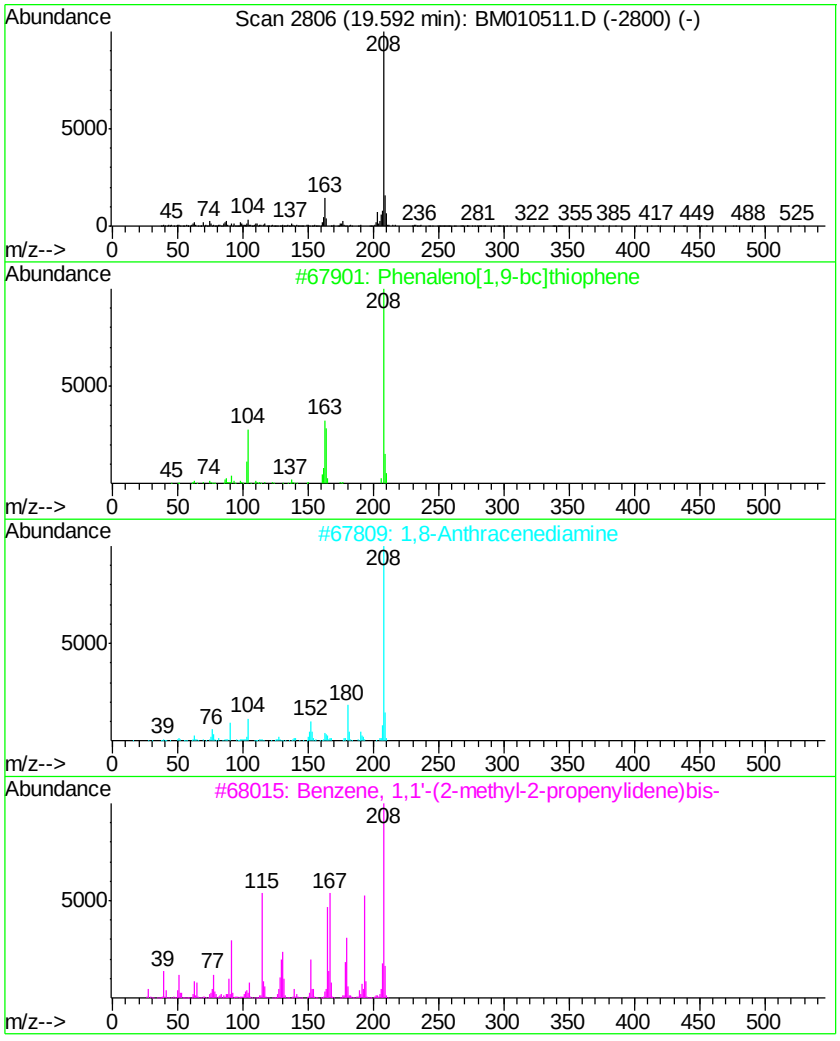
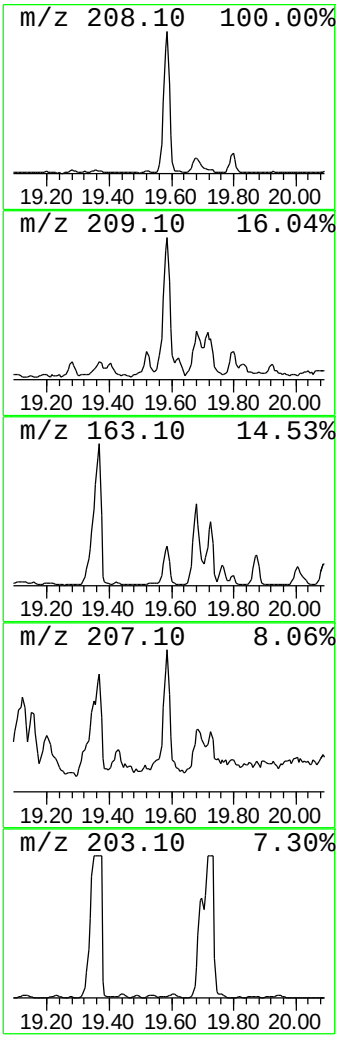
Peak Number 9 Phenaleno[1,9-bc]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.21 ng/ul	8872970	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	72
2	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	72
3	Benzene, 1,1'-(2-methyl-2-propen...	208	C16H16	070813-56-8	59
4	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	59
5	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	59





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Data File : BM010511.D
Acq On : 11 Jun 2017 06:34
Operator : SJ/MA
Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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

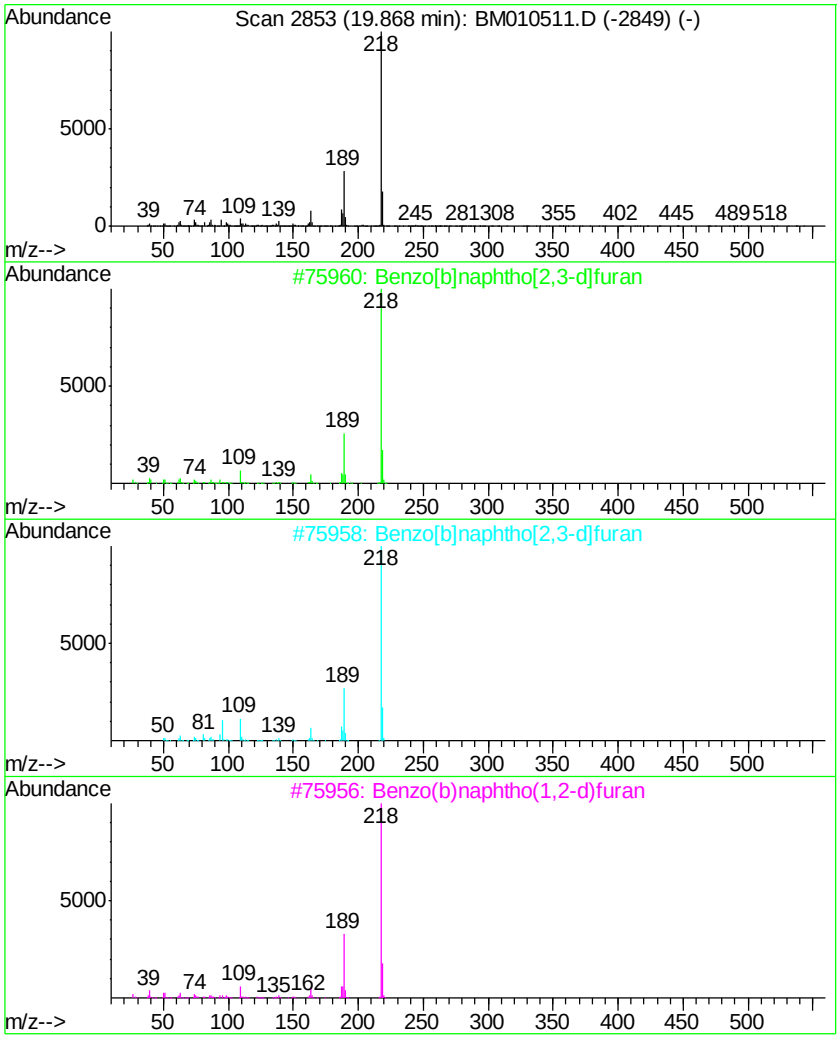
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

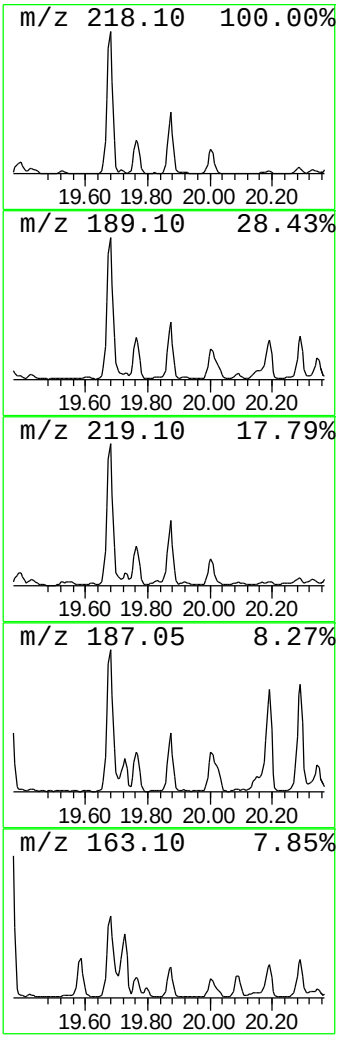
****

Peak Number 10 Benzo[b]naphtho[2,3-d]furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.33 ng/ul	9342740	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
3	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	94
4	Benzo[kl]xanthene	218	C16H10O	000200-23-7	94
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	93





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Operator : SJ/MA
Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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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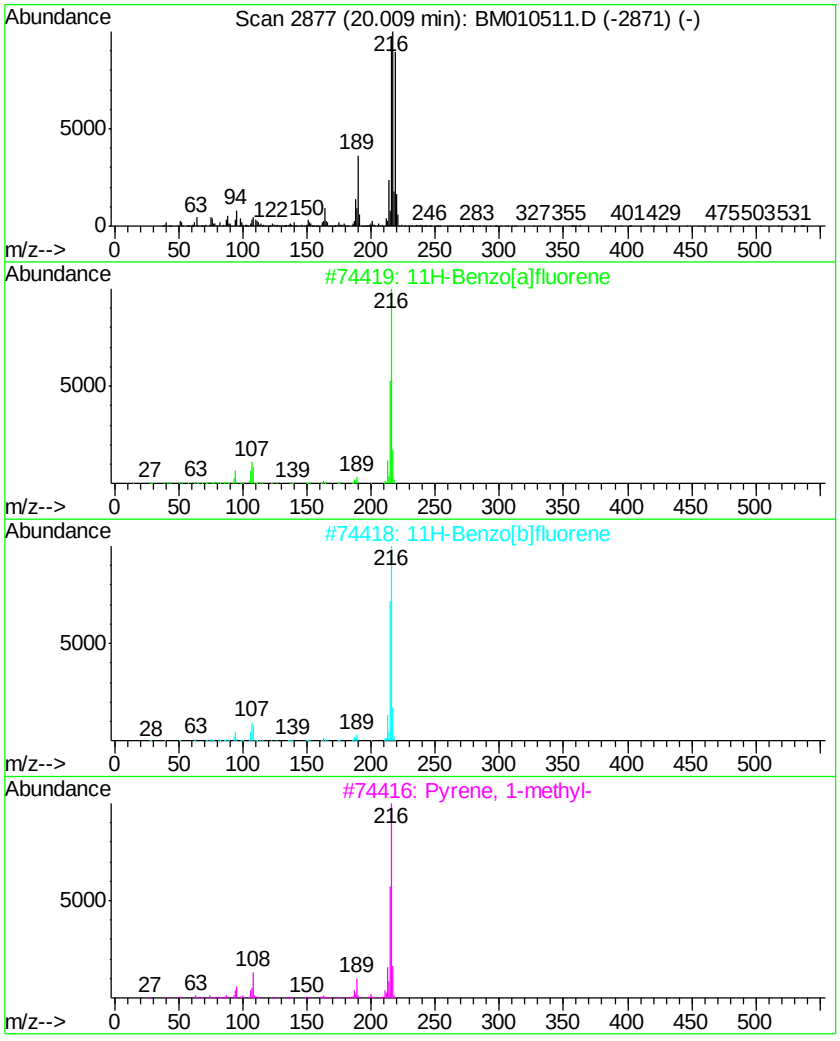
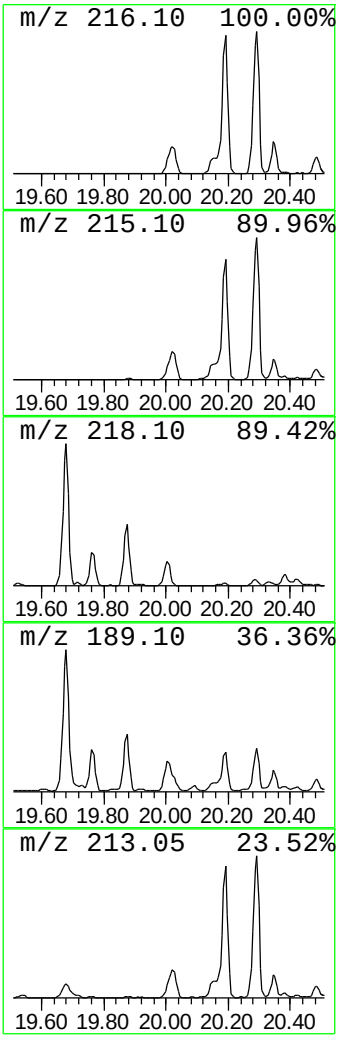
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	3.76 ng/ul	15084100	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	55
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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Acq On : 11 Jun 2017 06:34
Operator : SJ/MA
Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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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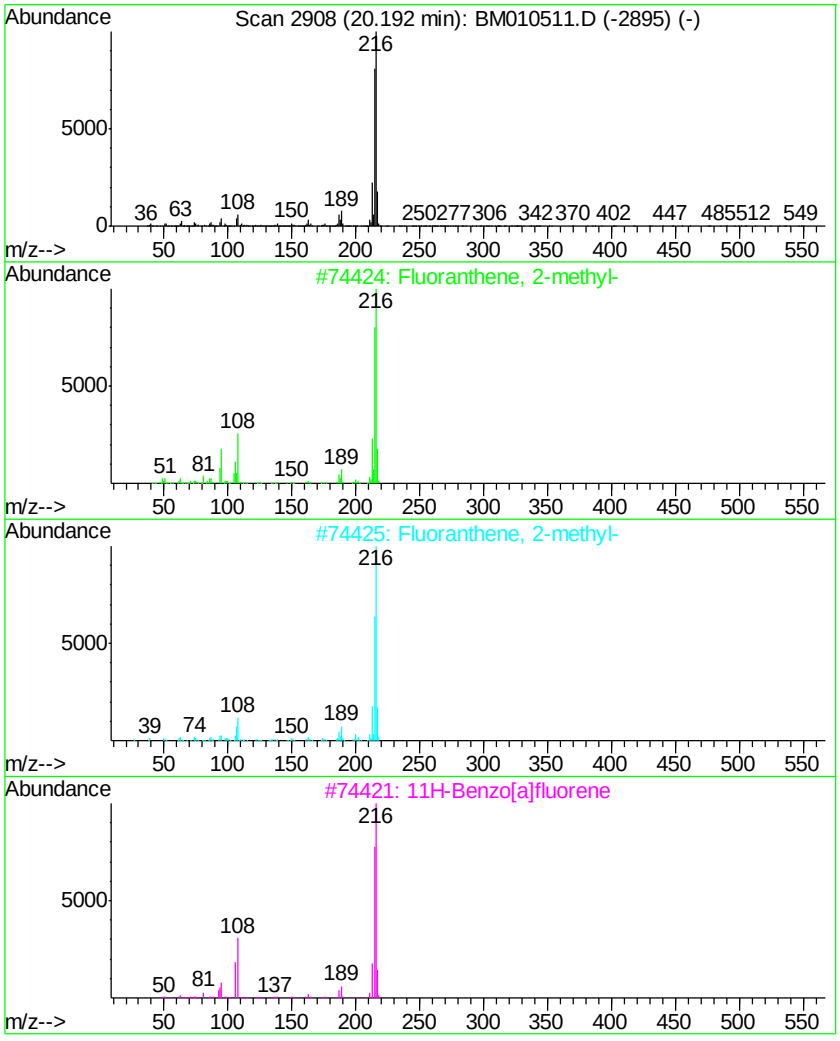
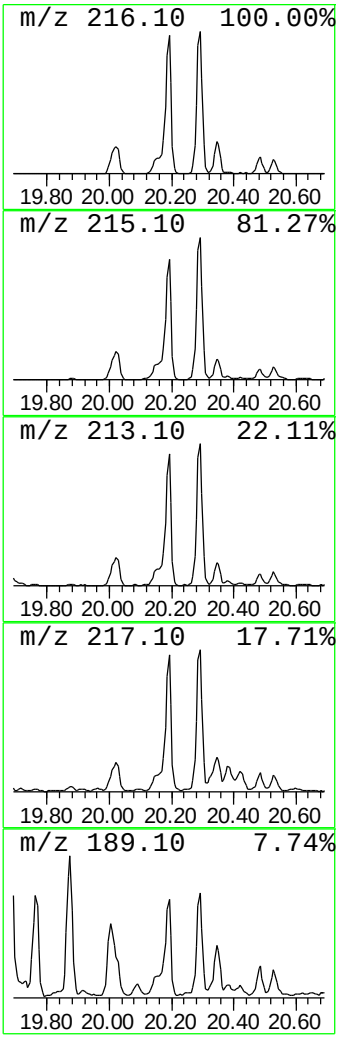
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	9.76 ng/ul	39154200	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Data File : BM010511.D
Acq On : 11 Jun 2017 06:34
Operator : SJ/MA
Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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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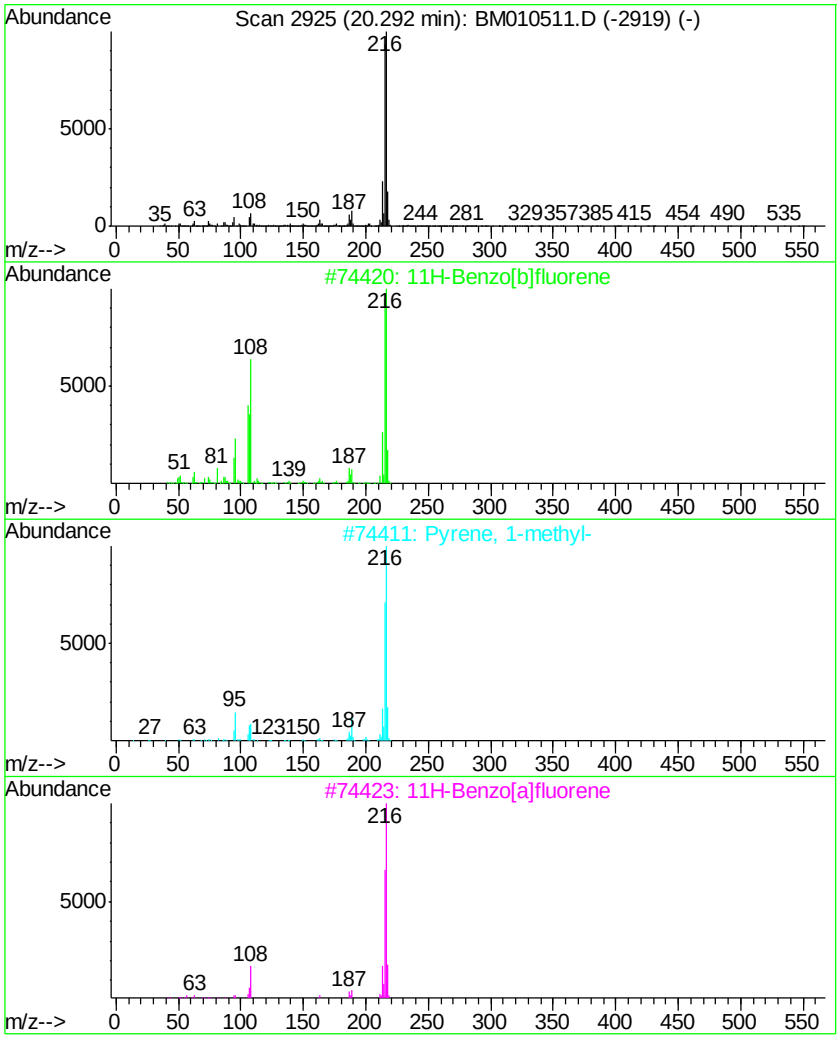
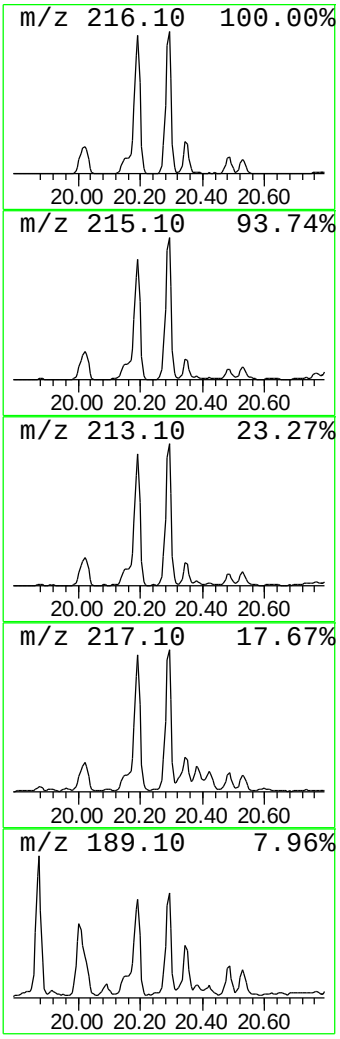
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	8.83 ng/ul	35431700	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86





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Acq On : 11 Jun 2017 06:34
Operator : SJ/MA
Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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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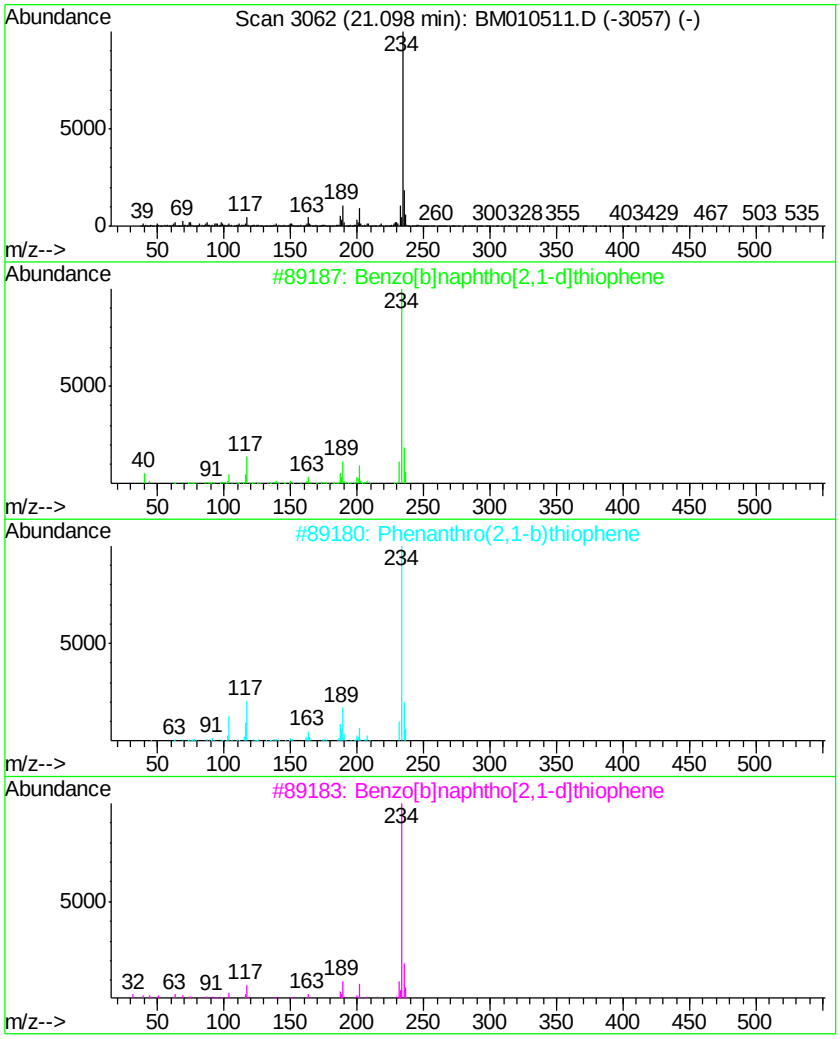
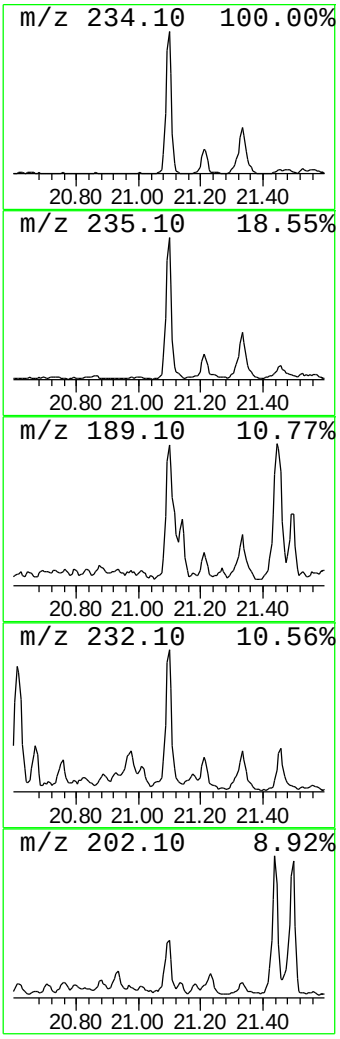
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.83 ng/ul	11335800	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94





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Acq On : 11 Jun 2017 06:34
Operator : SJ/MA
Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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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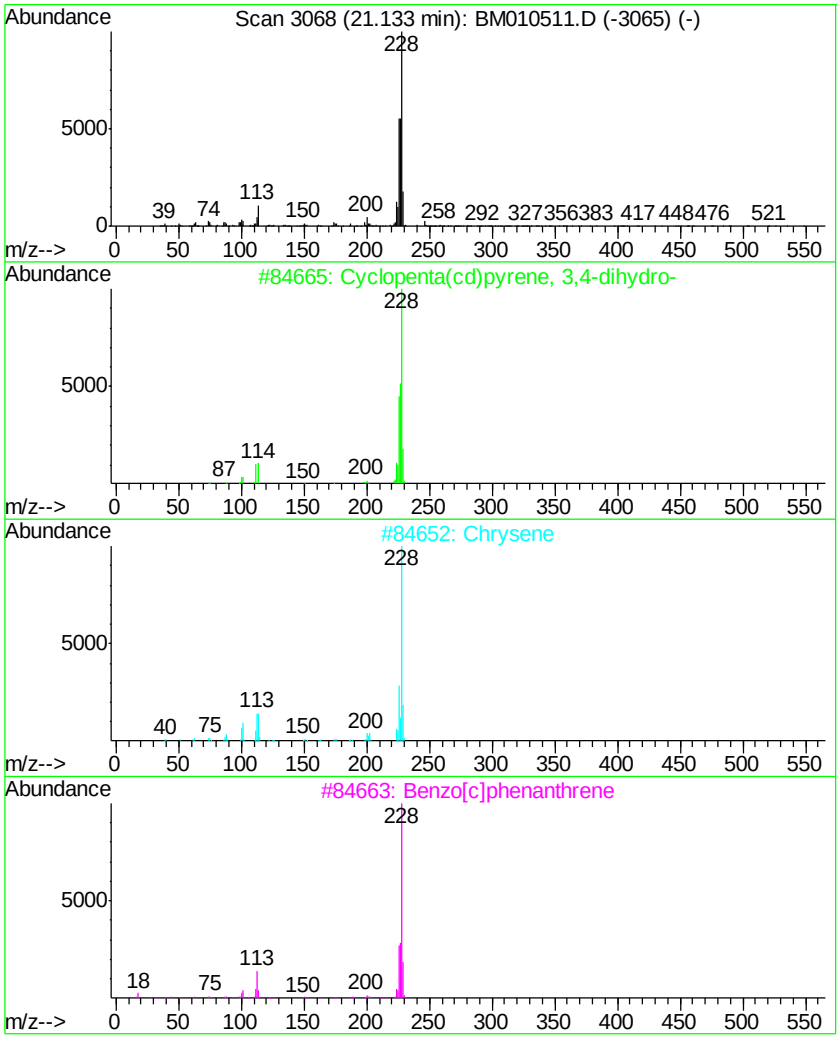
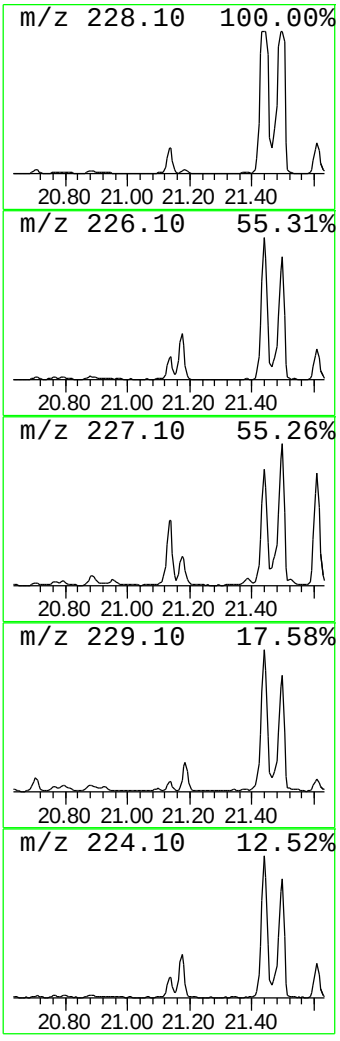
Peak Number 15 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	2.32 ng/ul	9289110	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
2	Chrysene	228	C18H12	000218-01-9	53
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4	Triphenylene	228	C18H12	000217-59-4	49
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49





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Acq On : 11 Jun 2017 06:34
Operator : SJ/MA
Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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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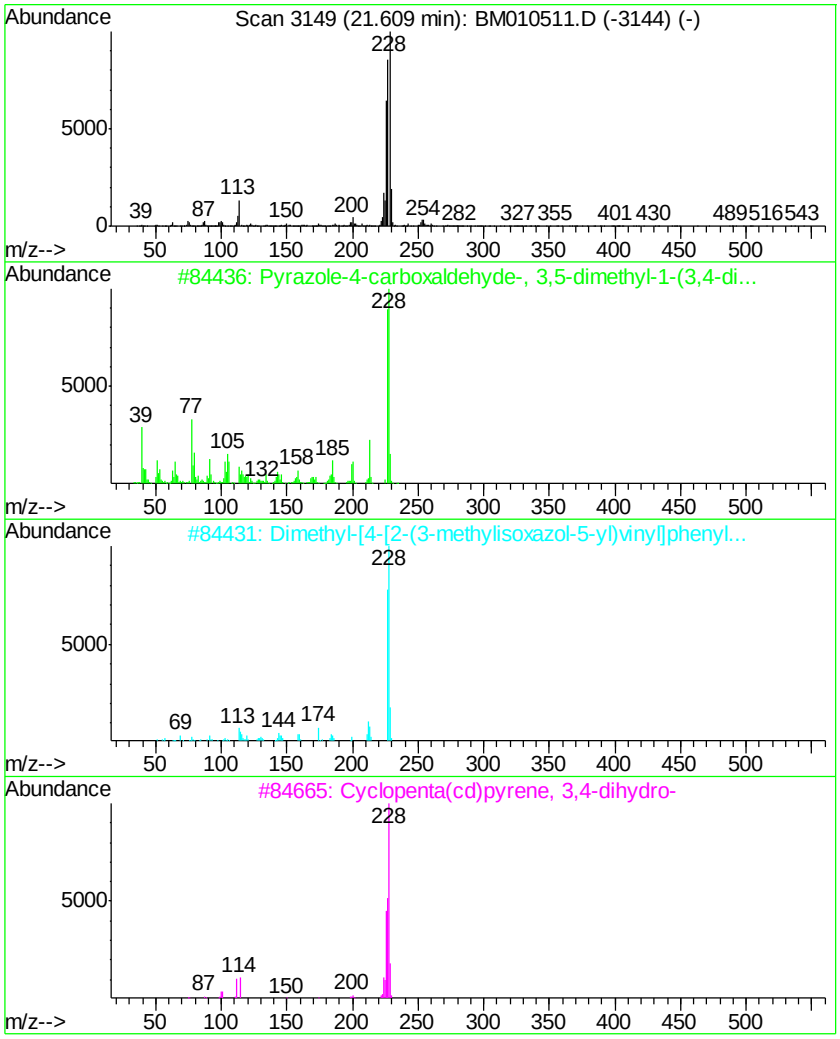
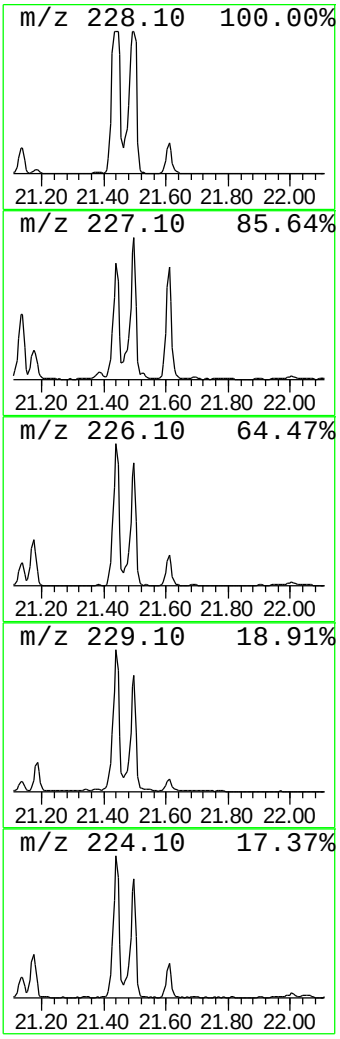
Peak Number 16 Pyrazole-4-carboxaldehyde-,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	2.45 ng/ul	9847260	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
2	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	49
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	41





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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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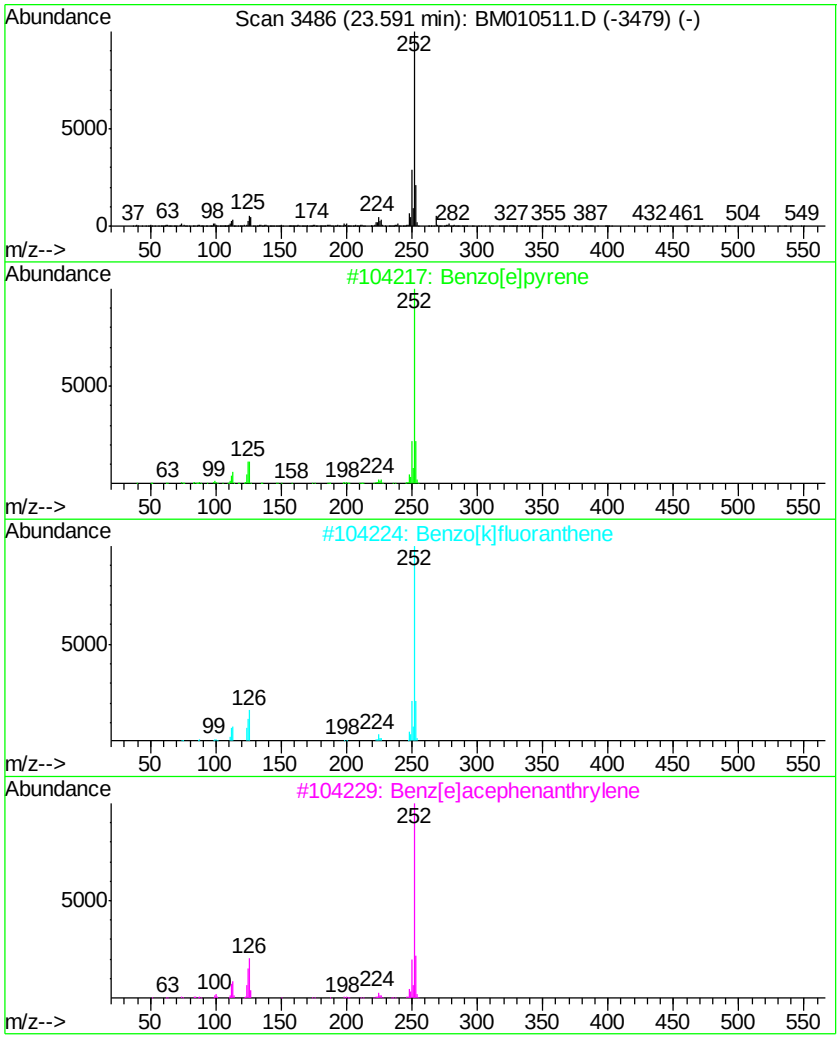
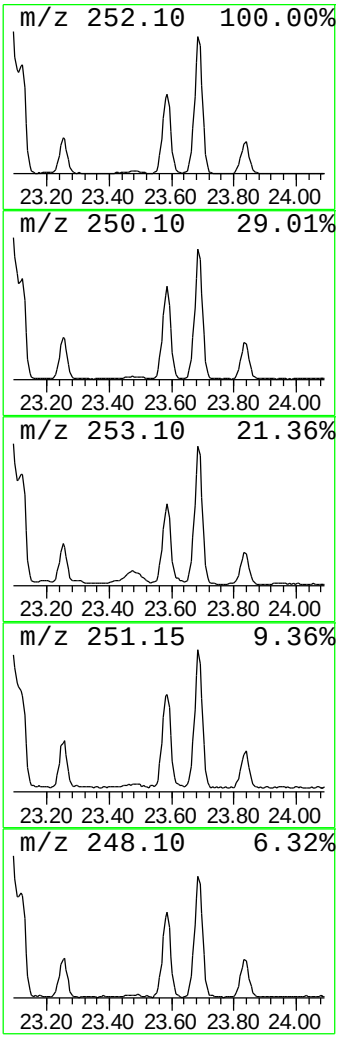
Peak Number 17 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	11.92 ng/ul	8526460	Perylene-d12	23.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Tentatively Identified Compound (LSC) summary

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Data File : BM010511.D
Acq On : 11 Jun 2017 06:34
Operator : SJ/MA
Sample : I3521-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58

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
Benzocycloheptatr...	12.59	4.7	ng/ul	85311600	2	10.72	367067000	20.0
Naphthalene, 2-et...	13.55	17.5	ng/ul	11303600	3	14.53	12889200	20.0
Naphthalene, 2,7-...	13.69	29.5	ng/ul	19011800	3	14.53	12889200	20.0
Naphthalene, 1,3-...	13.85	46.9	ng/ul	30213500	3	14.53	12889200	20.0
Fluorene, 1,4-dih...	15.74	17.2	ng/ul	11108500	3	14.53	12889200	20.0
Dibenzofuran, 4-m...	15.87	28.9	ng/ul	18594300	3	14.53	12889200	20.0
4H-Cyclopenta[def...	18.36	2.5	ng/ul	73153600	4	17.29	582107000	20.0
Phenaleno[1,9-bc]...	19.59	2.2	ng/ul	8872970	5	21.46	80233900	20.0
Benzo[b]naphtho[2...	19.87	2.3	ng/ul	9342740	5	21.46	80233900	20.0
11H-Benzo[a]fluorene	20.01	3.8	ng/ul	15084100	5	21.46	80233900	20.0
Fluoranthene, 2-m...	20.19	9.8	ng/ul	39154200	5	21.46	80233900	20.0
11H-Benzo[b]fluorene	20.29	8.8	ng/ul	35431700	5	21.46	80233900	20.0
Benzo[b]naphtho[2...	21.10	2.8	ng/ul	11335800	5	21.46	80233900	20.0
Cyclopenta(cd)pyr...	21.13	2.3	ng/ul	9289110	5	21.46	80233900	20.0
Pyrazole-4-carbox...	21.61	2.5	ng/ul	9847260	5	21.46	80233900	20.0
Benzo[e]pyrene	23.59	11.9	ng/ul	8526460	6	23.79	14308600	20.0