LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55

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-BM113017.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	10.451	1245	1252	1259	rBV	1377532	2348927	1.38%	0.399%
2	14.322	1903	1910	1918	rBV2	1962920	3162072	1.86%	0.537%
3	16.045	2196	2203	2210	rVB3	767759	1772070	1.04%	0.301%
4	17.068	2372	2377	2381	rBV2	2428093	3392445	2.00%	0.576%
5	17.204	2396	2400	2405	rVV	1860940	2782594	1.64%	0.473%
6	17.592	2461	2466	2472	rVB	2380614	3435144	2.02%	0.584%
7	18.139	2553	2559	2564	rBV3	3018077	5245003	3.09%	0.891%
8	18.451	2607	2612	2616	rVV	1419466	1770870	1.04%	0.301%
9	18.698	2645	2654	2659	rBV6	794955	1877397	1.11%	0.319%
10	18.868	2678	2683	2688	rBV	1076610	1852861	1.09%	0.315%
11	18.933	2688	2694	2697	rBV3	909243	1823658	1.07%	0.310%
12	19.045	2704	2713	2717	rBV	12068310	20231418	11.92%	3.438%
13	19.174	2723	2735	2738	rBV2	59807996	130595353	76.97%	22.192%
14	19.386	2762	2771	2775	rBV	2301540	4165598	2.46%	0.708%
15	19.545	2784	2798	2801	rBV3	66243052	169670286	100.00%	28.832%
16	19.574	2801	2803	2810	rVB2	1957888	2701254	1.59%	0.459%
17	19.680	2812	2821	2827	rBV2	3579560	5937863	3.50%	1.009%
18	19.839	2840	2848	2853	rBV2	4080437	10309432	6.08%	1.752%
19	19.968	2864	2870	2871	rBV3	3553231	5560085	3.28%	0.945%
20	20.098	2888	2892	2896	rBV	1766169	2204597	1.30%	0.375%
21	20.157	2896	2902	2906	rVV2	5291611	9164465	5.40%	1.557%
22	20.192	2906	2908	2912	rVV2	2365678	2678972	1.58%	0.455%
23	20.298	2921	2926	2929	rBV	3417678	4378904	2.58%	0.744%
24	20.345	2929	2934	2937	rVB	2895624	3768380	2.22%	0.640%
25	20.556	2965	2970	2977	rBV6	734828	2023410	1.19%	0.344%
26	20.633	2979	2983	2985	rVV	1303427	1847894	1.09%	0.314%
27	20.751	2998	3003	3008	rVB	5567514	6782685	4.00%	1.153%
28	20.909	3024	3030	3034	rBV2	5700385	8618660	5.08%	1.465%
29	20.951	3034	3037	3040	rVV	4707697	6009240	3.54%	1.021%
30	20.992	3040	3044	3048	rVV2	4863794	6924809	4.08%	1.177%
31	21.051	3048	3054	3063	rVB2	4874556	7908167	4.66%	1.344%
32	21.151	3064	3071	3078	rBV2	1419085	2868762	1.69%	0.487%
33	21.262	3081	3090	3093	rBV	21280680	33440994	19.71%	5.683%
34	21.315	3093	3099	3104	rVV	28107144	43755224	25.79%	7.435%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55

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-BM113017.M
Title : SVOA CALIBRATION

35	21.574	3138	3143	3148	rBV2	1746504	2662573	1.57%	0.452%
36	21.815	3179	3184	3187	rVV	2179499	3185442	1.88%	0.541%
37	21.868	3189	3193	3199	rVB2	1371465	2231637	1.32%	0.379%
38	22.009	3212	3217	3220	rBV2	1159226	1784560	1.05%	0.303%
39	22.456	3289	3293	3298	rVB	1251219	1956833	1.15%	0.333%
40	22.568	3307	3312	3318	rBV3	1006418	2215222	1.31%	0.376%
41	22.839	3349	3358	3362	rBV	10705873	23775507	14.01%	4.040%
42	23.127	3402	3407	3416	rBV	803112	1911574	1.13%	0.325%
43	23.303	3431	3437	3443	rVB	4455229	7714227	4.55%	1.311%
44	23.397	3447	3453	3459	rVB	3935318	7067584	4.17%	1.201%
45	23.492	3464	3469	3473	rVV	1149556	2210287	1.30%	0.376%
46	23.539	3473	3477	3485	rVB2	1001064	1989239	1.17%	0.338%
47	25.197	3752	3759	3768	rVB2	889581	2224264	1.31%	0.378%
48	25.721	3839	3848	3857	rVB	1617613	4220073	2.49%	0.717%
49	26.409	3956	3965	3973	rVB2	783027	2313881	1.36%	0.393%

Sum of corrected areas: 588472396

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
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Acq On : 15 Dec 2017 08:23
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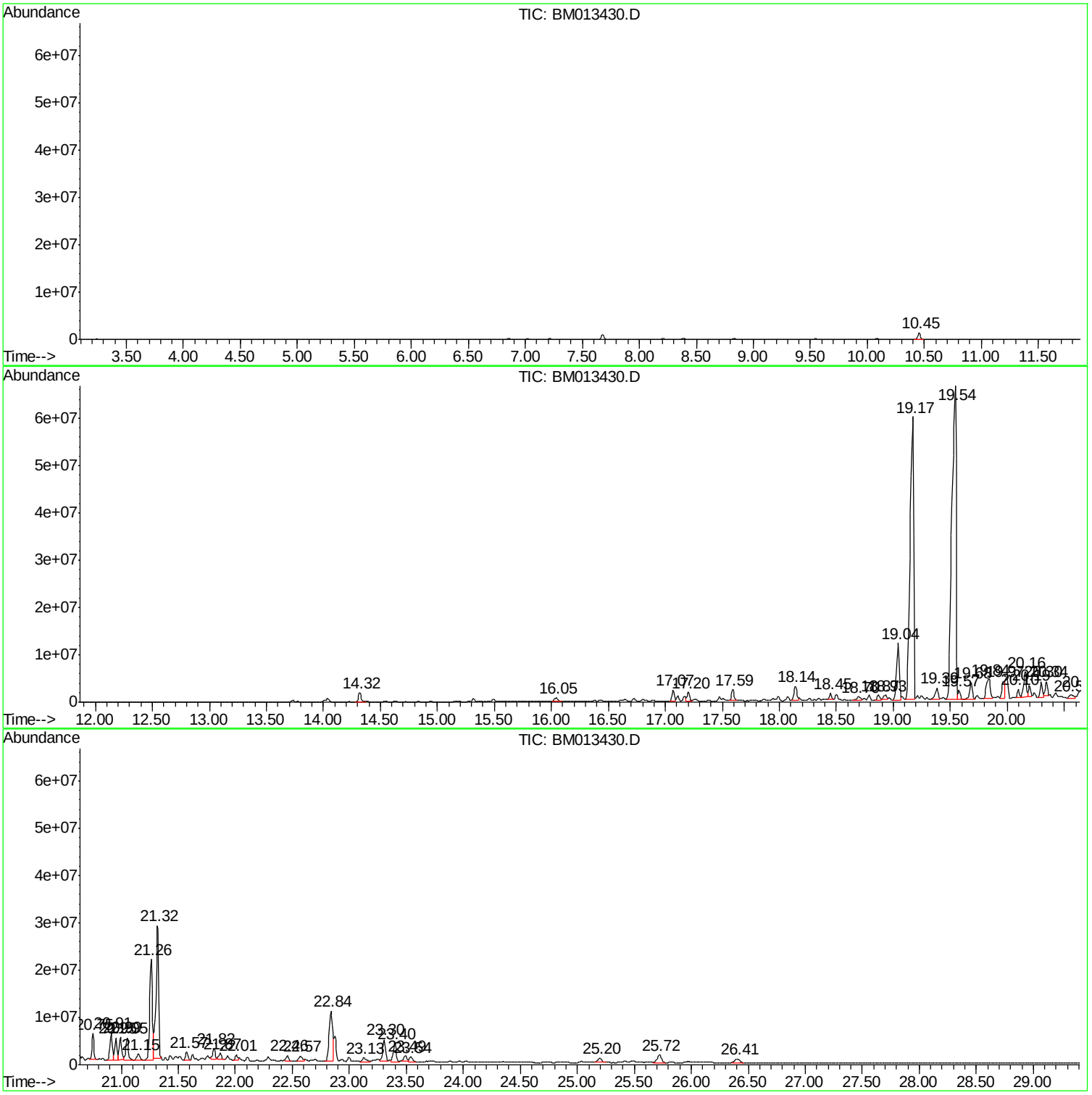
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A55

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

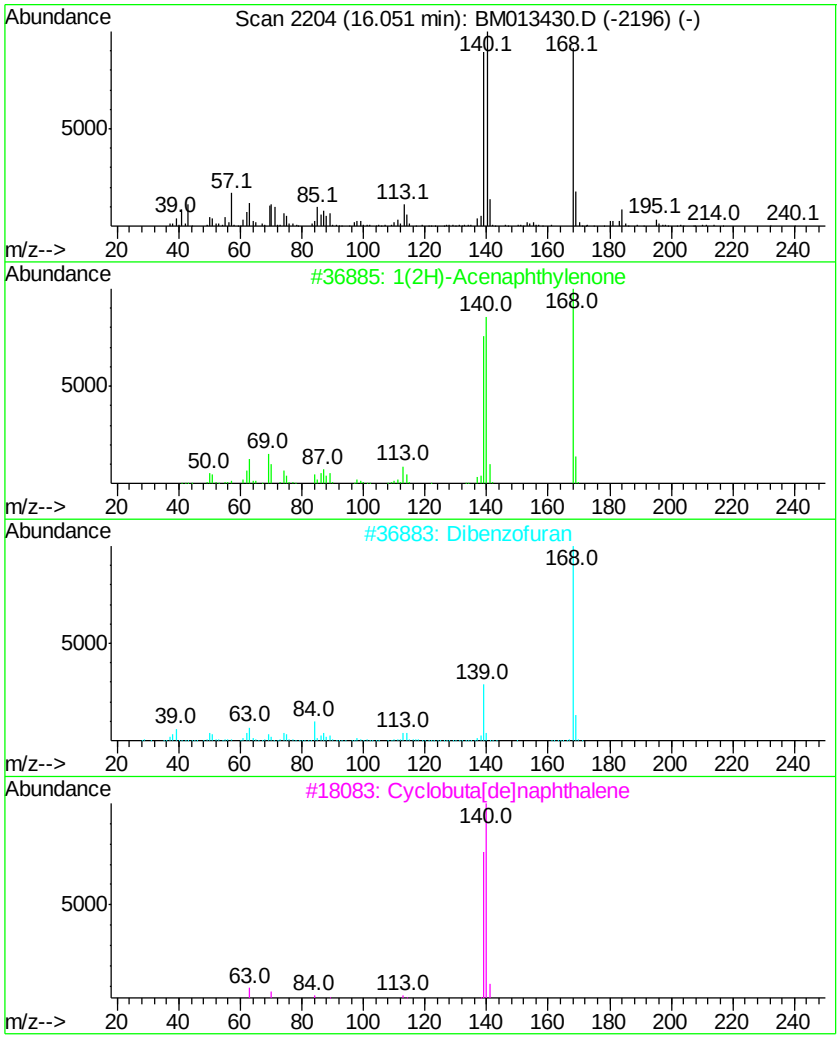
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

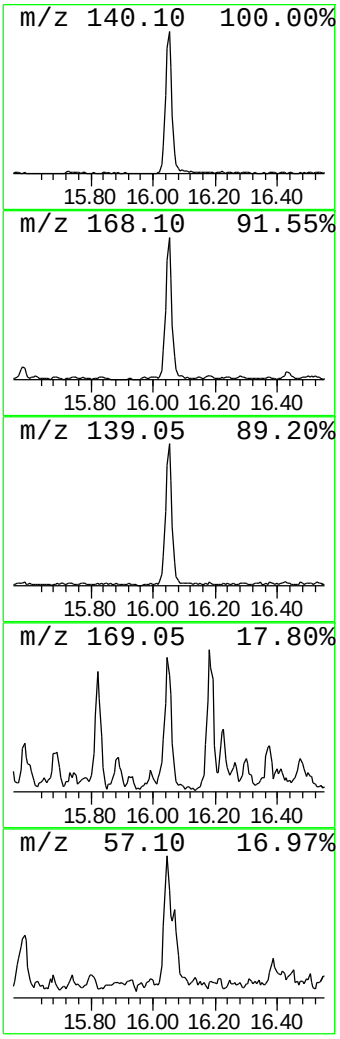
****

Peak Number 1 1(2H)-Acenaphthylenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	10.45 ng/ul	1772070	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	95
2	Dibenzofuran	168	C12H8O	000132-64-9	46
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	43
4	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	43
5	3,6-Diethyl-1,2-dihydro-1,2,4,5-...	140	C6H12N4	068614-65-3	38





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Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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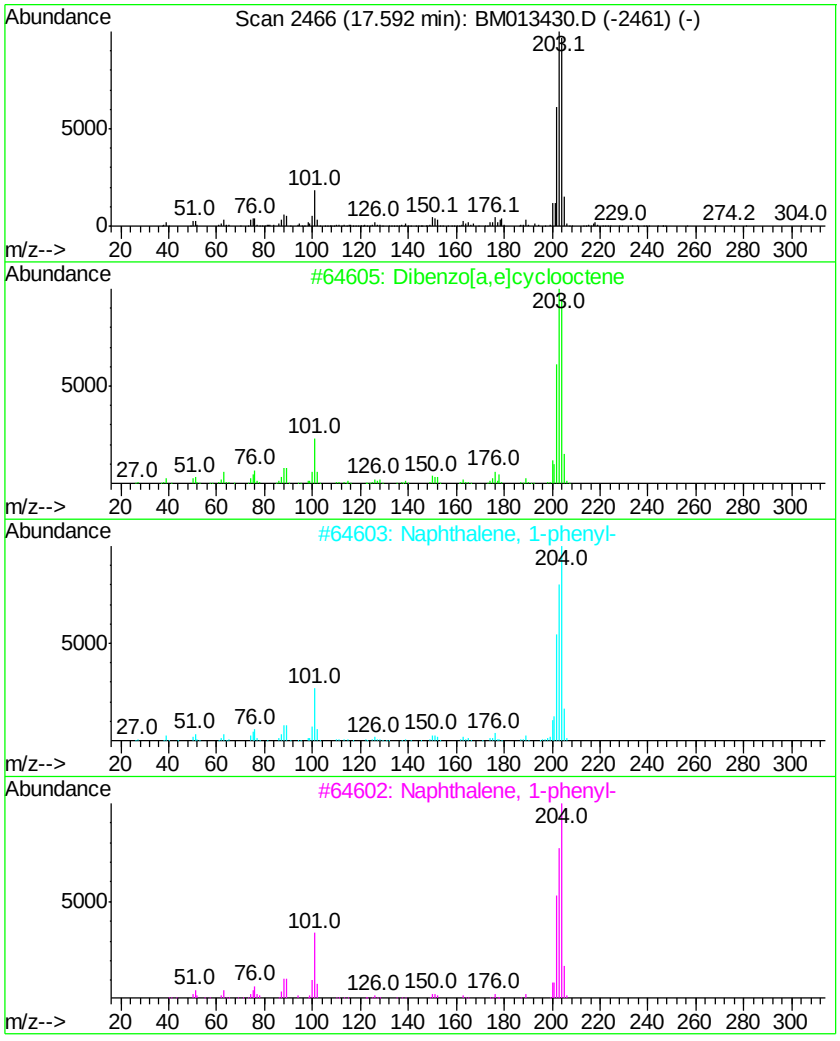
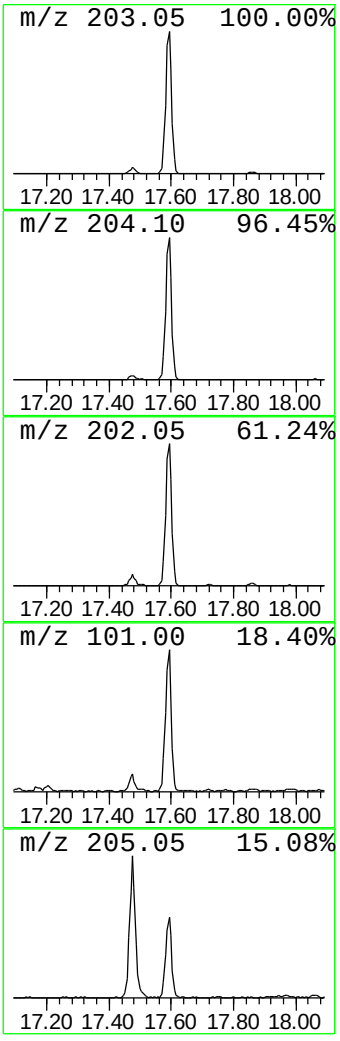
Peak Number 2 Dibenzo[a,e]cyclooctene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	20.25 ng/ul	3435140	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	96
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	95
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76





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Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55

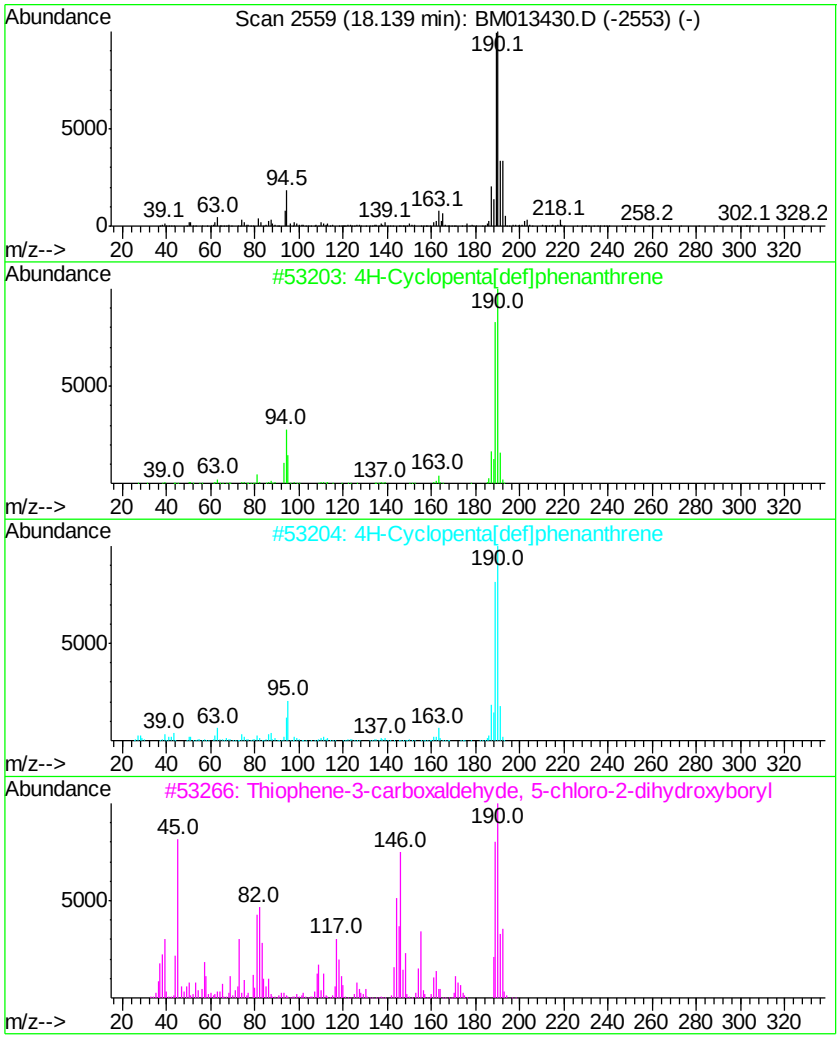
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

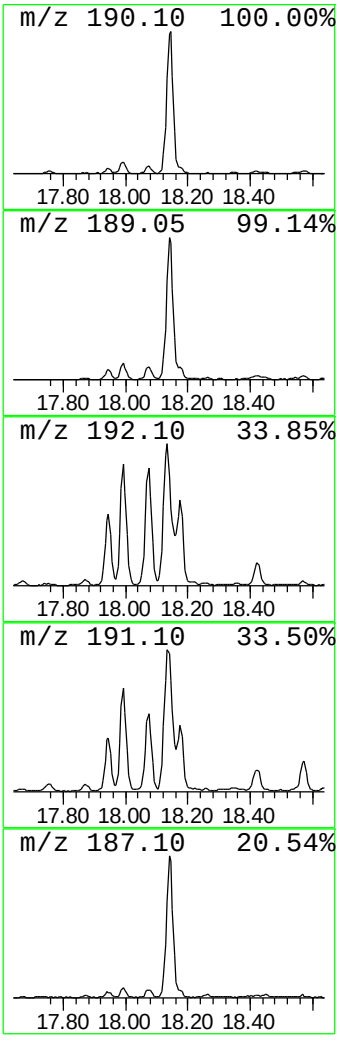
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	30.92 ng/ul	5245000	Phenanthrene-d10	17.07

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	68
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47





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Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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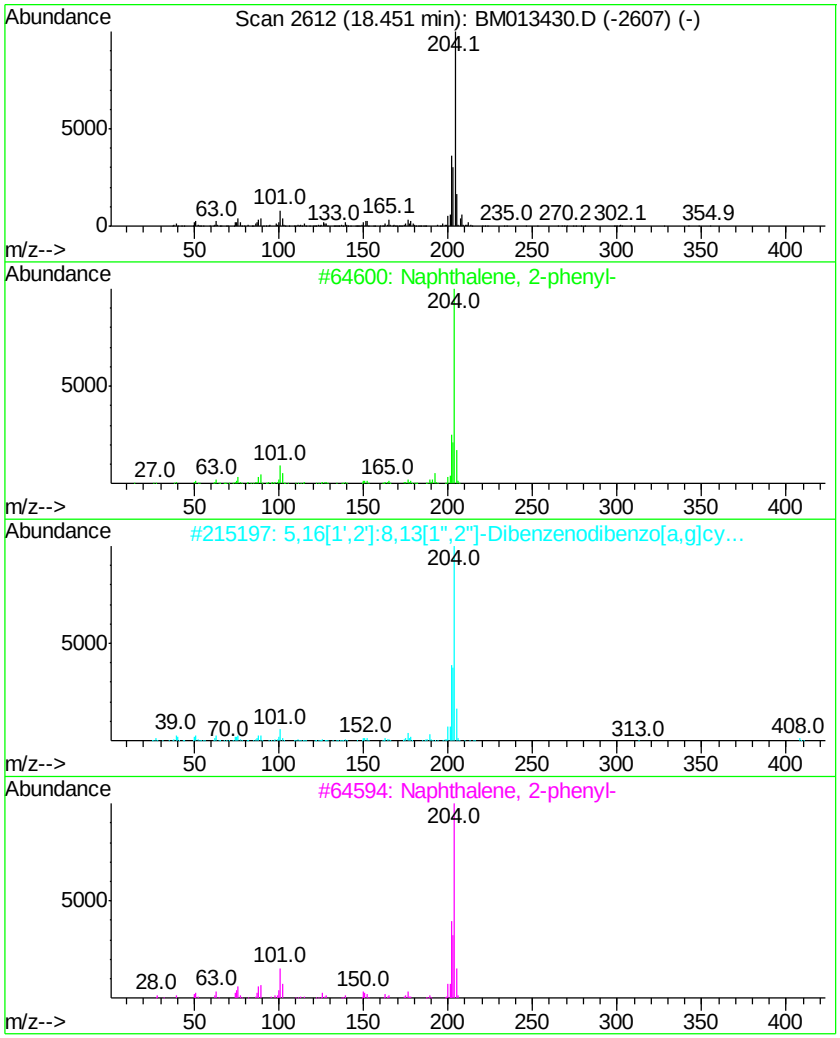
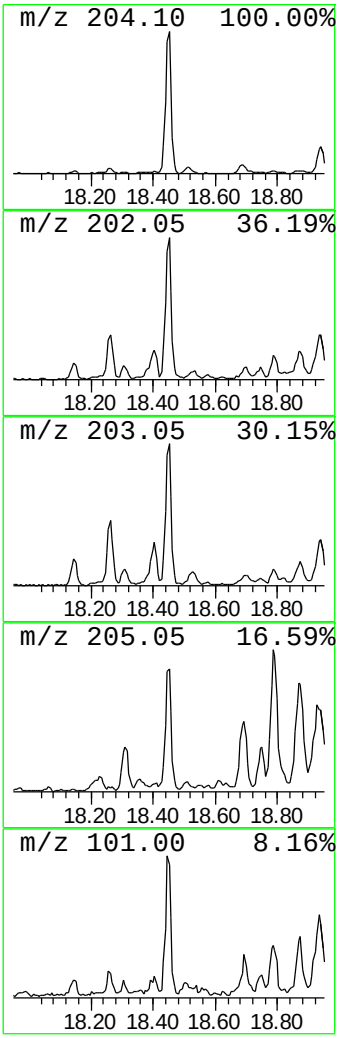
Peak Number 4 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	10.44 ng/ul	1770870	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

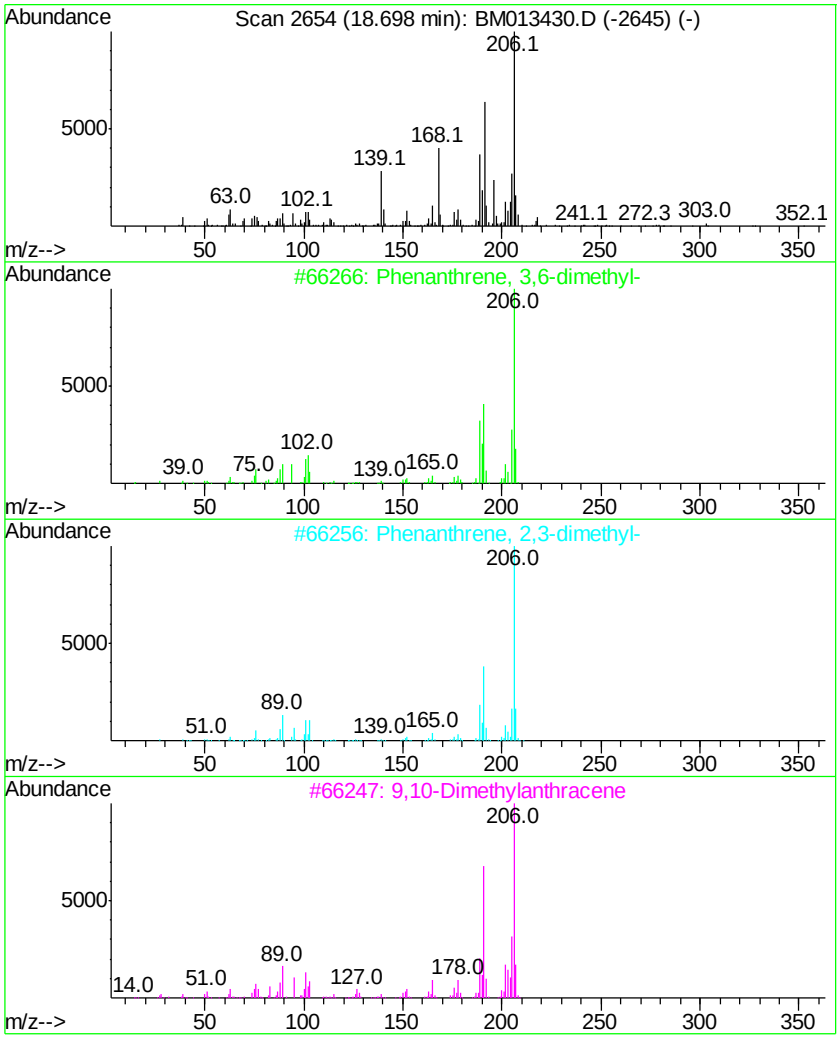
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

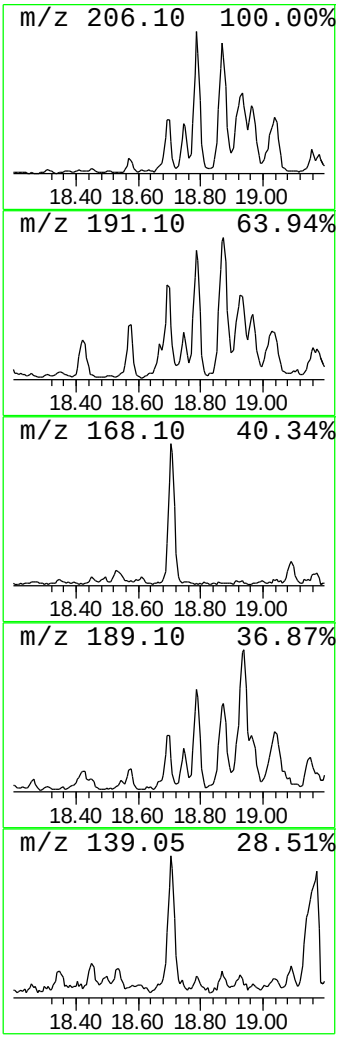
****

Peak Number 5 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	11.07 ng/ul	1877400	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	60





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Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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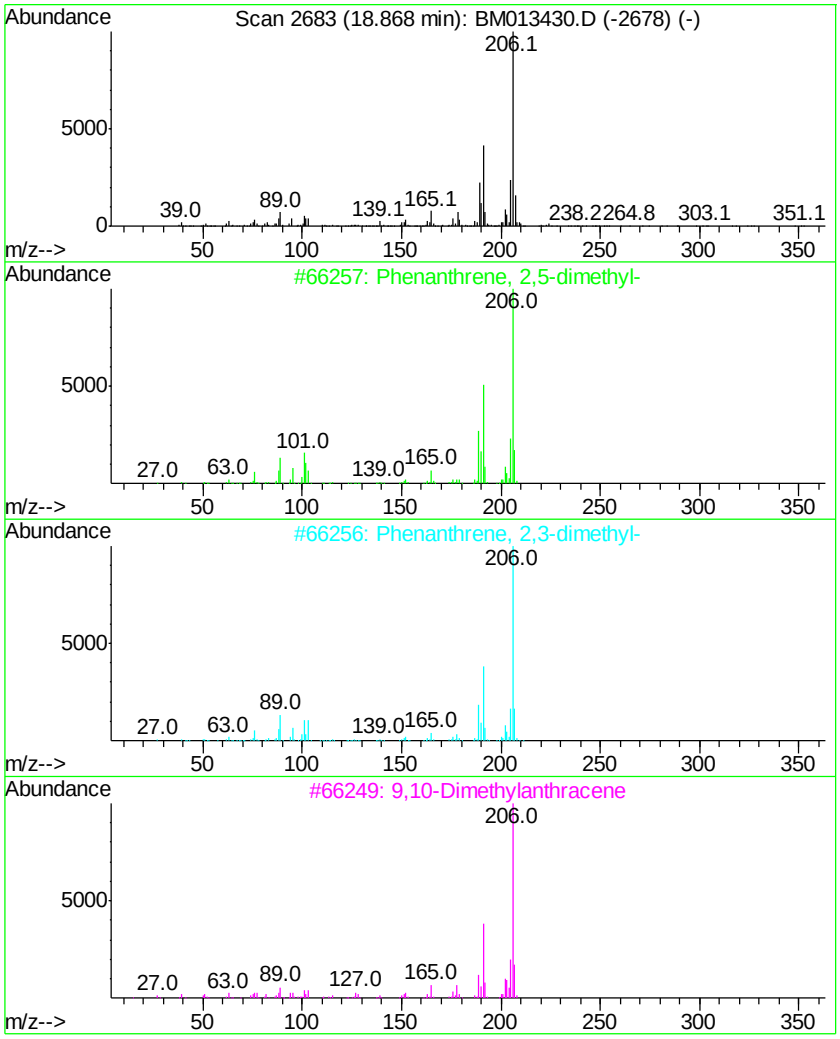
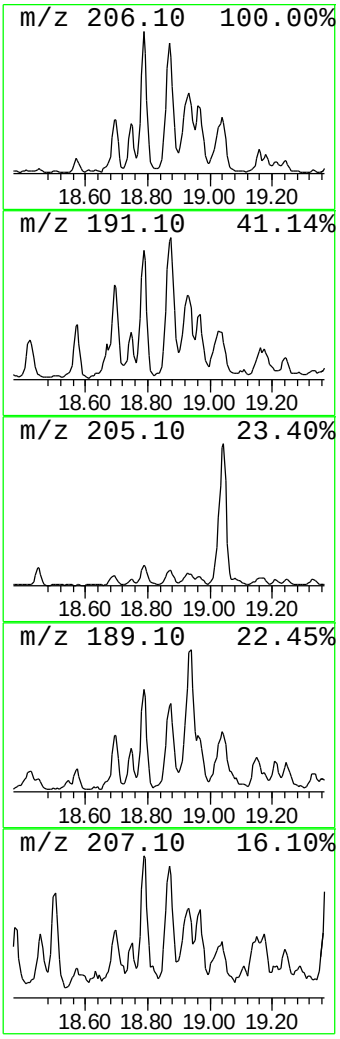
Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	10.92 ng/ul	1852860	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

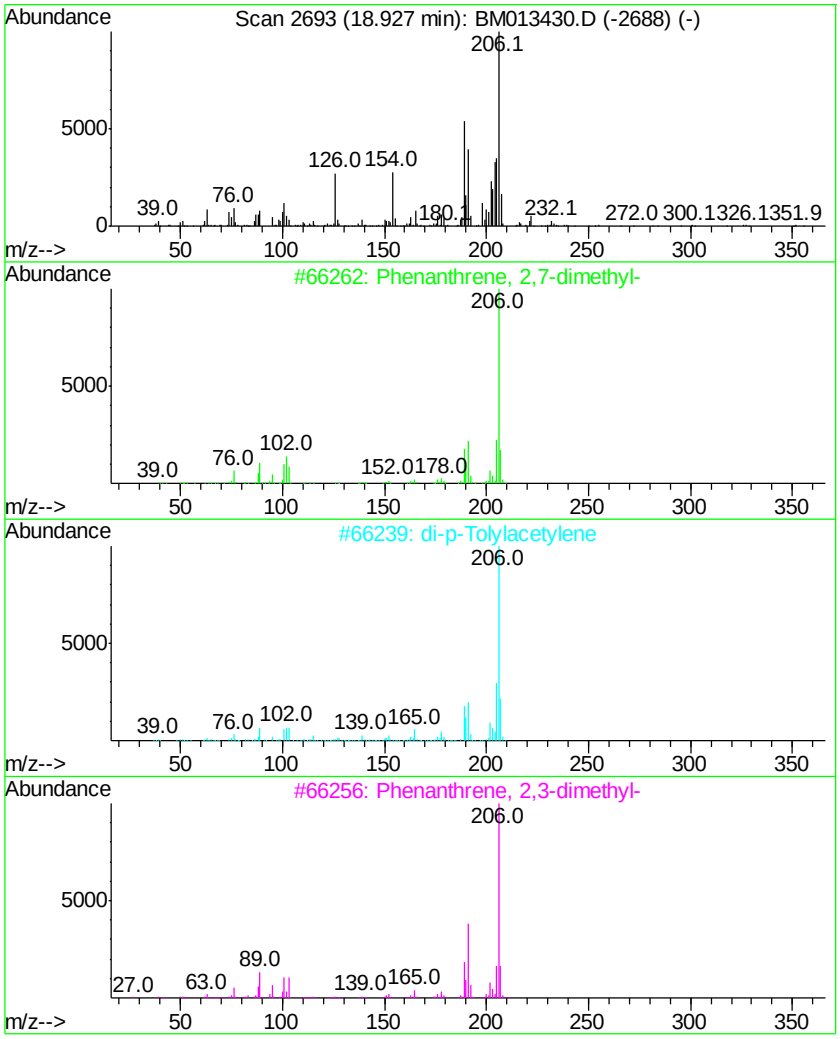
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

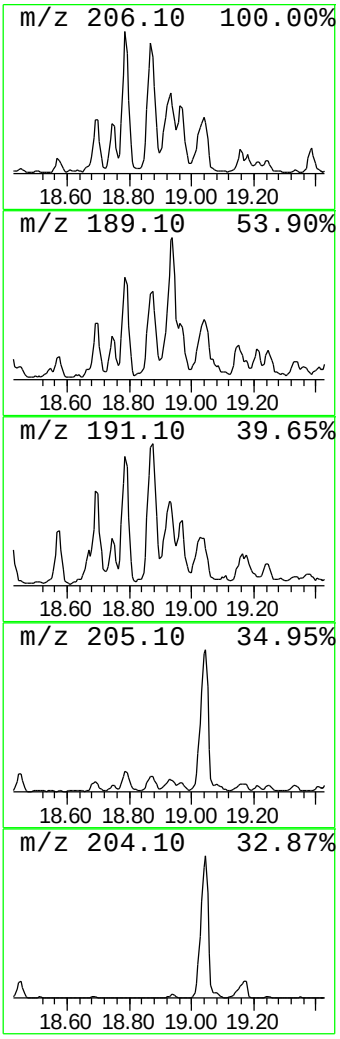
****

Peak Number 7 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	10.75 ng/ul	1823660	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	55
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	50
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	50
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49





Library Search Compound Report

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Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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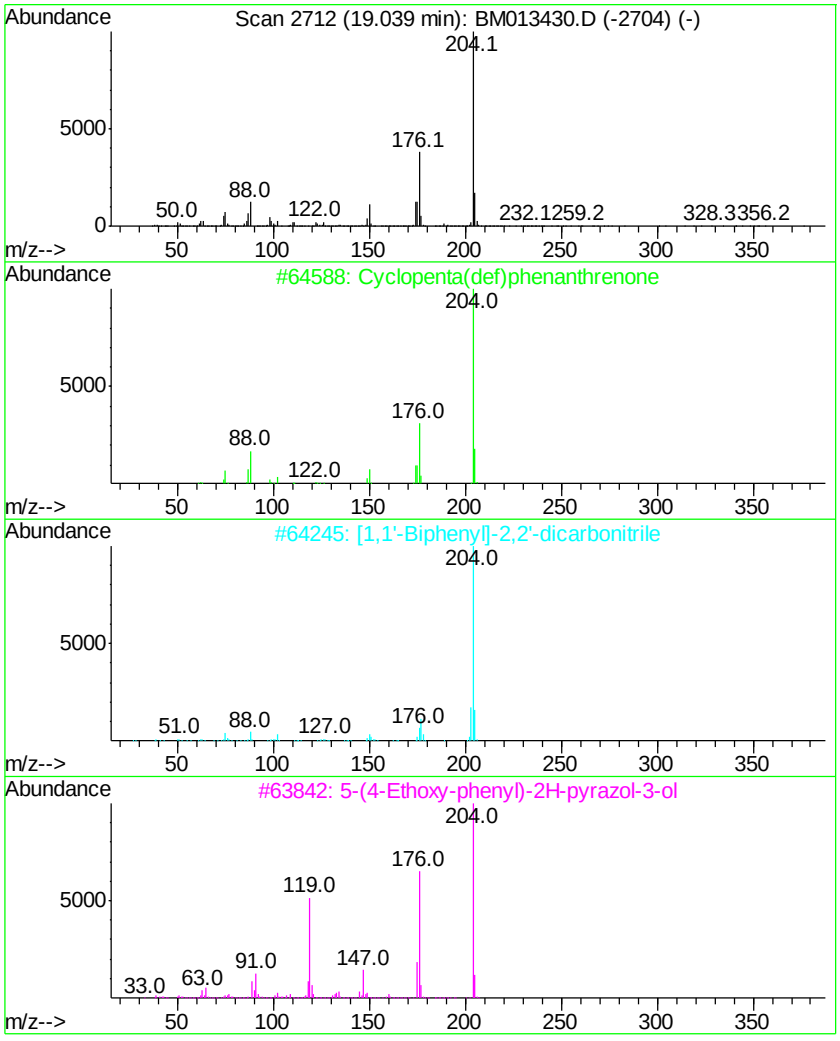
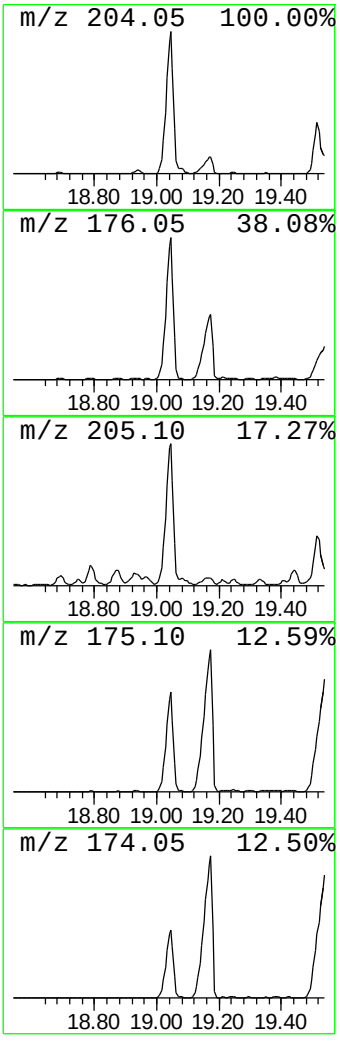
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	119.27 ng/ul	20231400	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	50
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





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Operator : SJ/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : F9A55

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Quant Title : SVOA CALIBRATION

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

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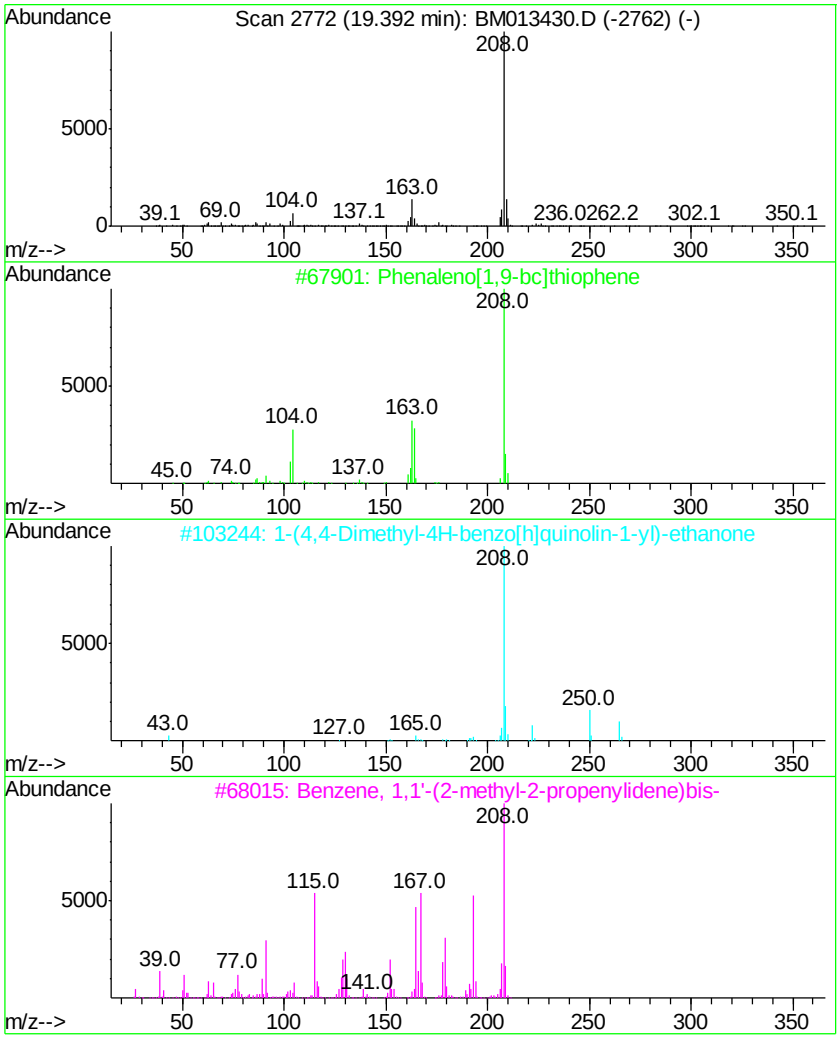
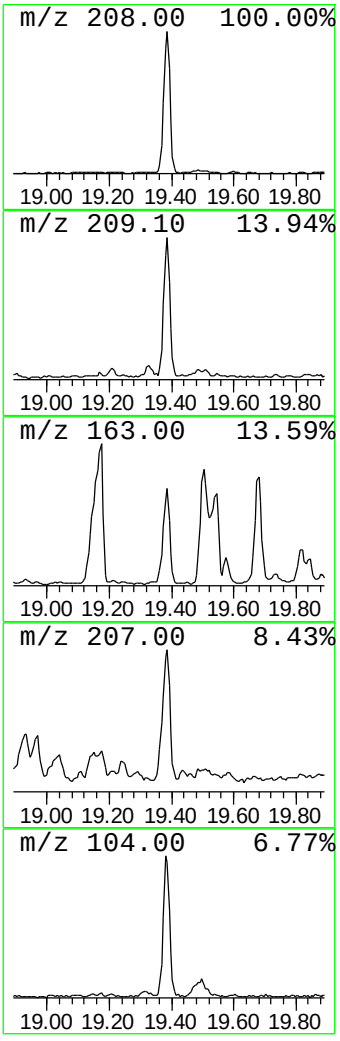
Peak Number 9 Phenaleno[1,9-bc]thiophene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	2.49 ng/ul	4165600	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	83
2	1-(4,4-Dimethyl-4H-benzo[h]quino...	251	C17H17NO	1000310-52-4	64
3	Benzene, 1,1'-(2-methyl-2-propen...	208	C16H16	070813-56-8	59
4	Thiazole, 4-(chloromethyl)-2-(4-...	243	C10H7Cl2NS	017969-22-1	53
5	5-Ethyl-2-formylpyridine thiosem...	208	C9H12N4S	031181-48-3	53





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Instrument : BNA_M
ClientSampleId : F9A55

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Quant Title : SVOA CALIBRATION

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

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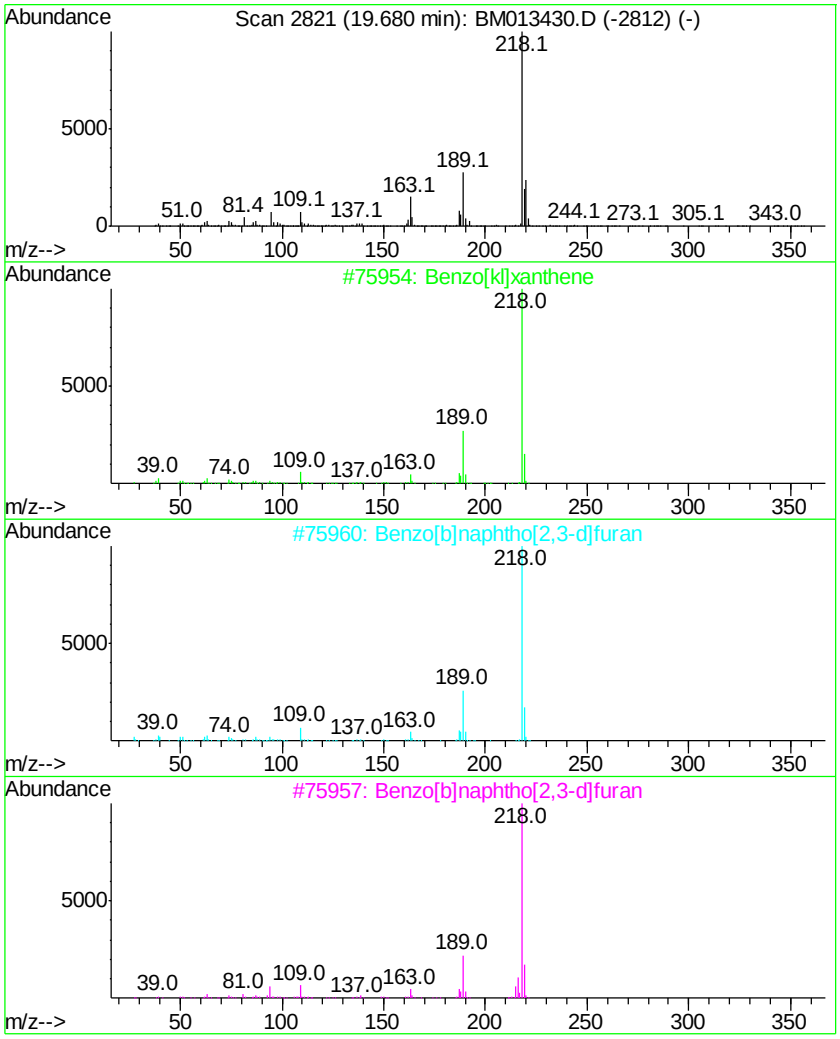
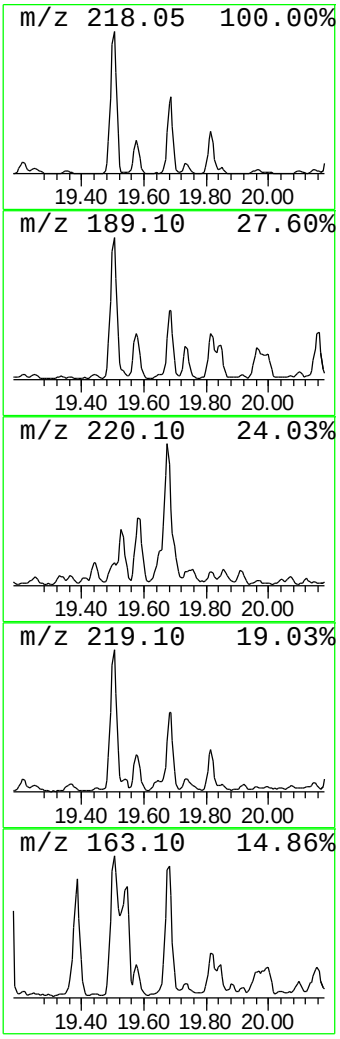
Peak Number 10 Benzo[kl]xanthene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	3.55 ng/ul	5937860	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[kl]xanthene	218	C16H10O	000200-23-7	94
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	90
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	81
4	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	81
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	81





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ClientSampleId : F9A55

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Quant Title : SVOA CALIBRATION

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

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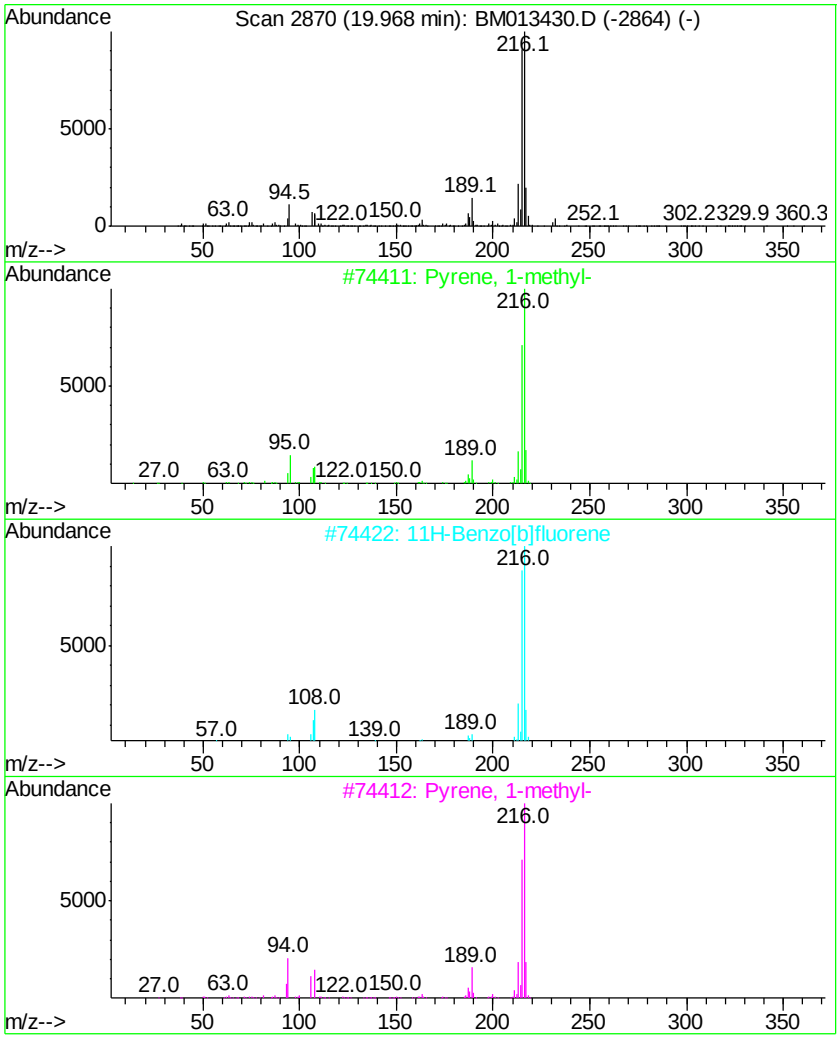
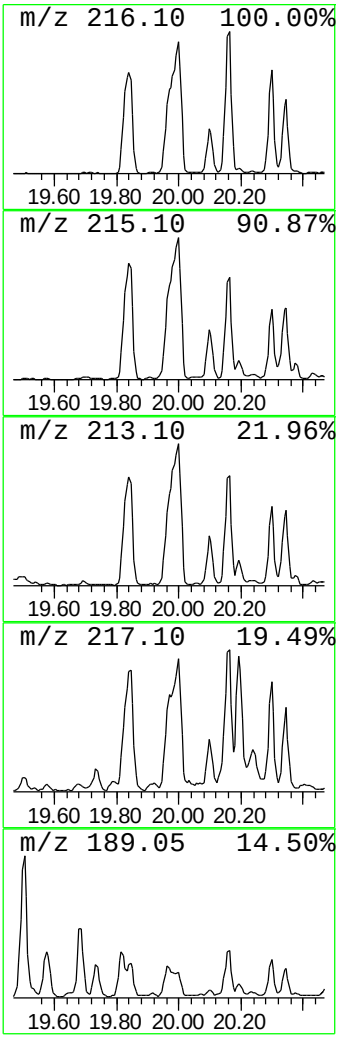
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	3.33 ng/ul	5560090	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55

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Quant Title : SVOA CALIBRATION

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

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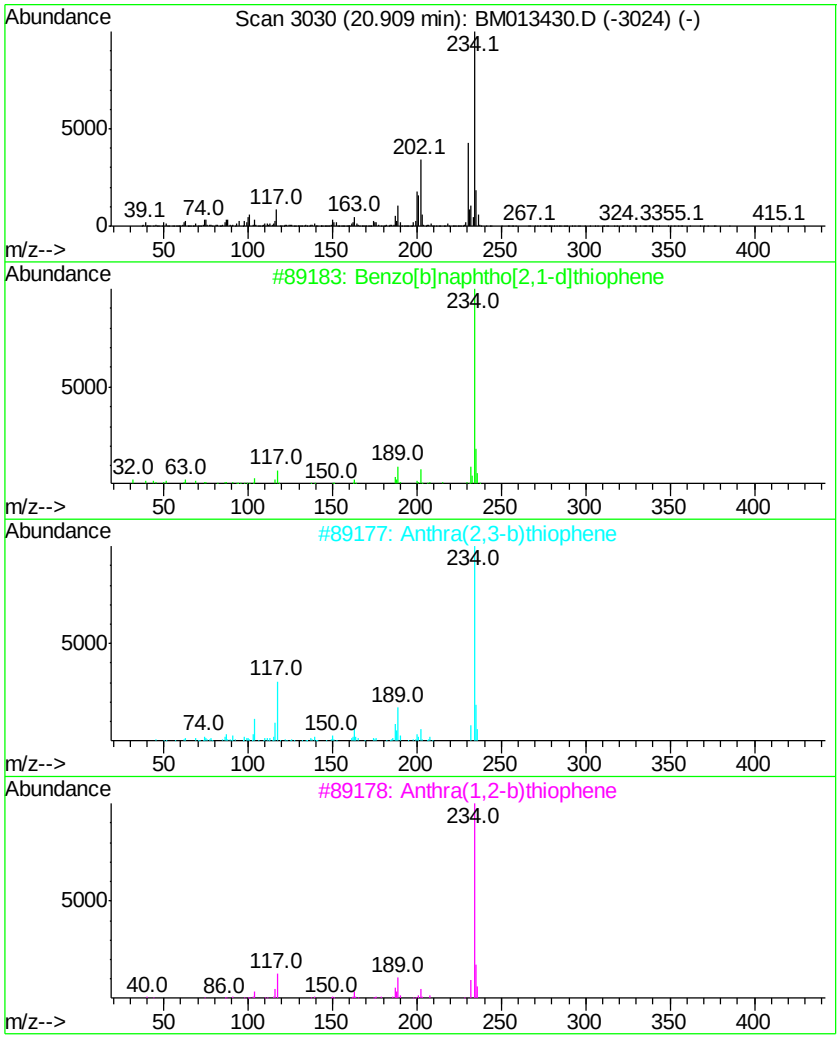
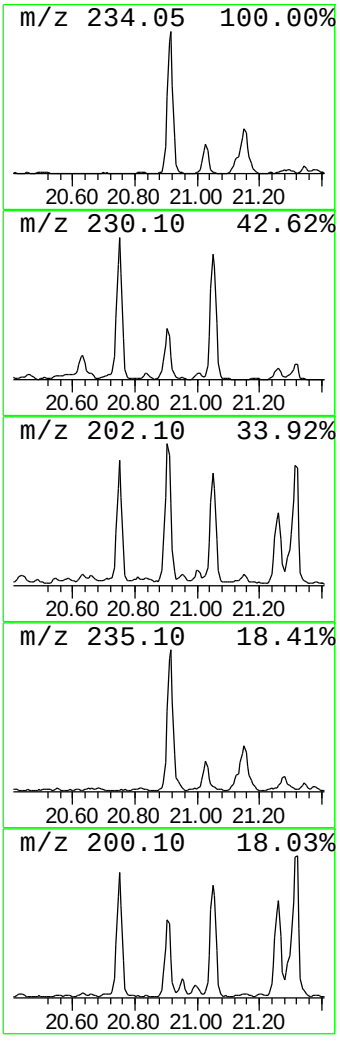
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	5.15 ng/ul	8618660	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	90
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	60
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	58
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58





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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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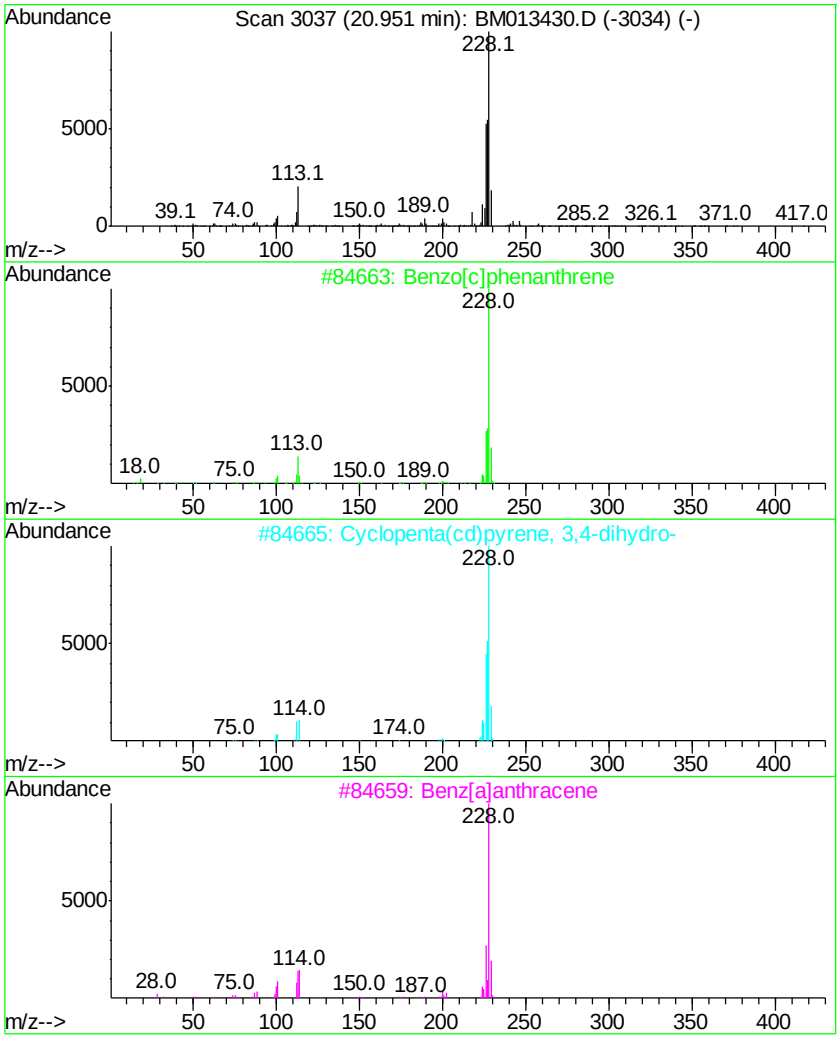
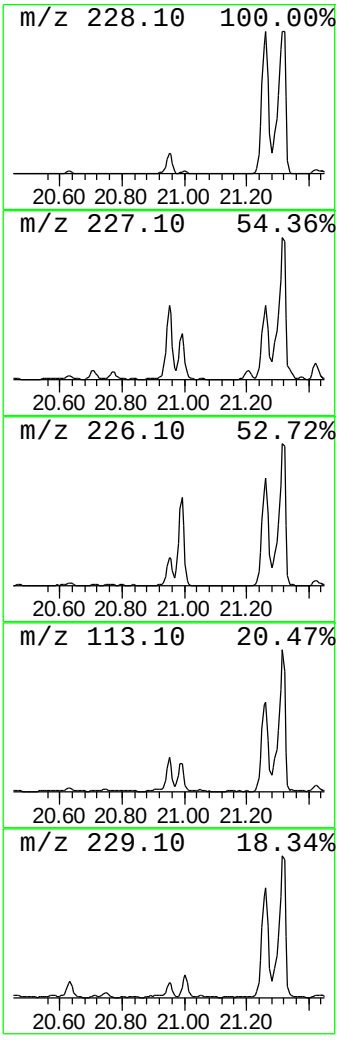
Peak Number 18 Benzo[c]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	3.59 ng/ul	6009240	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	53
3	Benz[a]anthracene	228	C18H12	000056-55-3	50
4	Triphenylene	228	C18H12	000217-59-4	50
5	Triphenylene	228	C18H12	000217-59-4	49





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Quant Title : SVOA CALIBRATION

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

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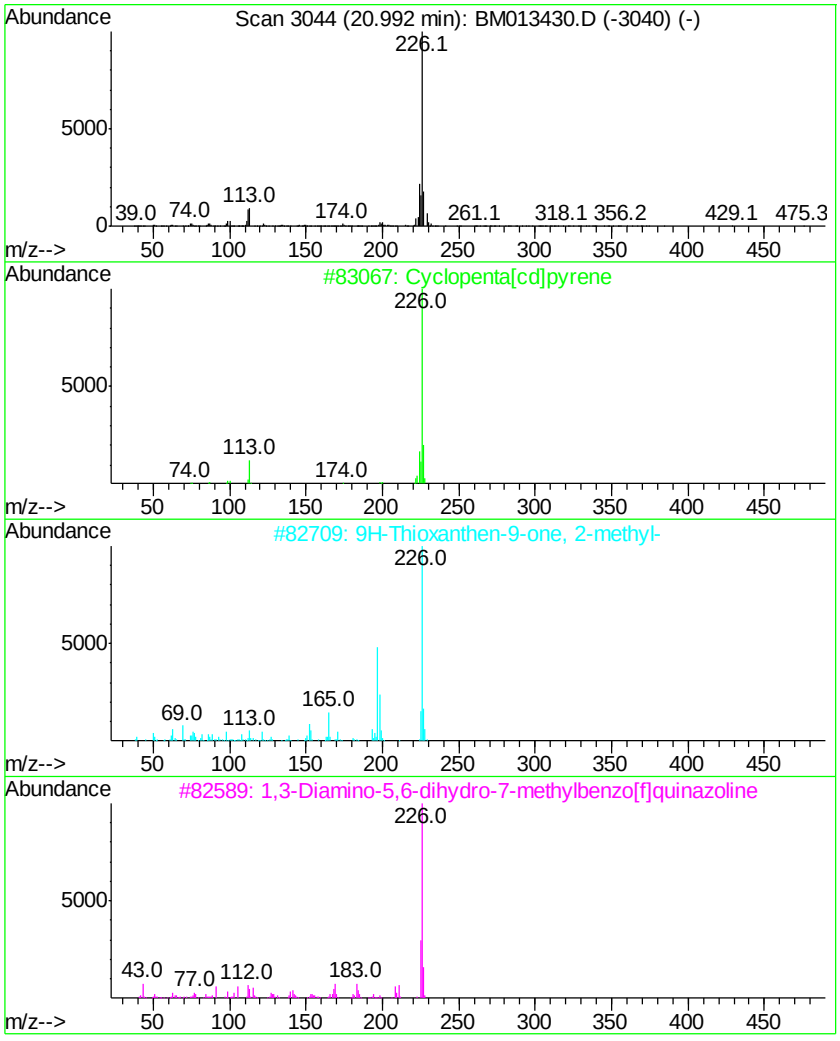
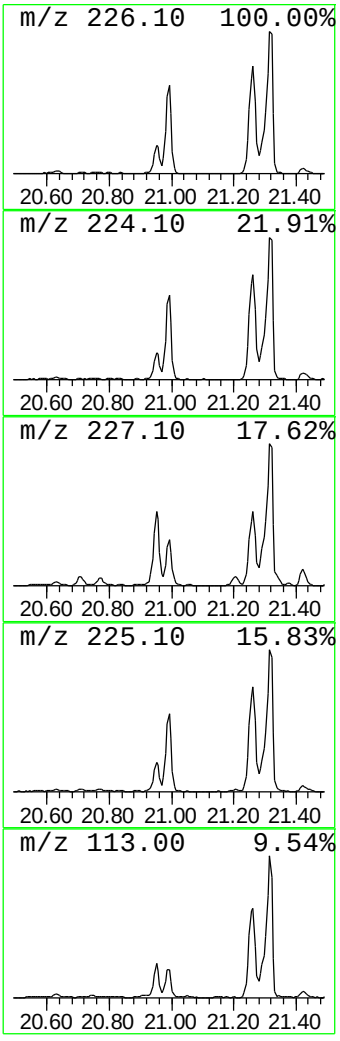
Peak Number 19 Cyclopenta[cd]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.14 ng/ul	6924810	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	74
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	58
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	42
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	40





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Quant Title : SVOA CALIBRATION

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

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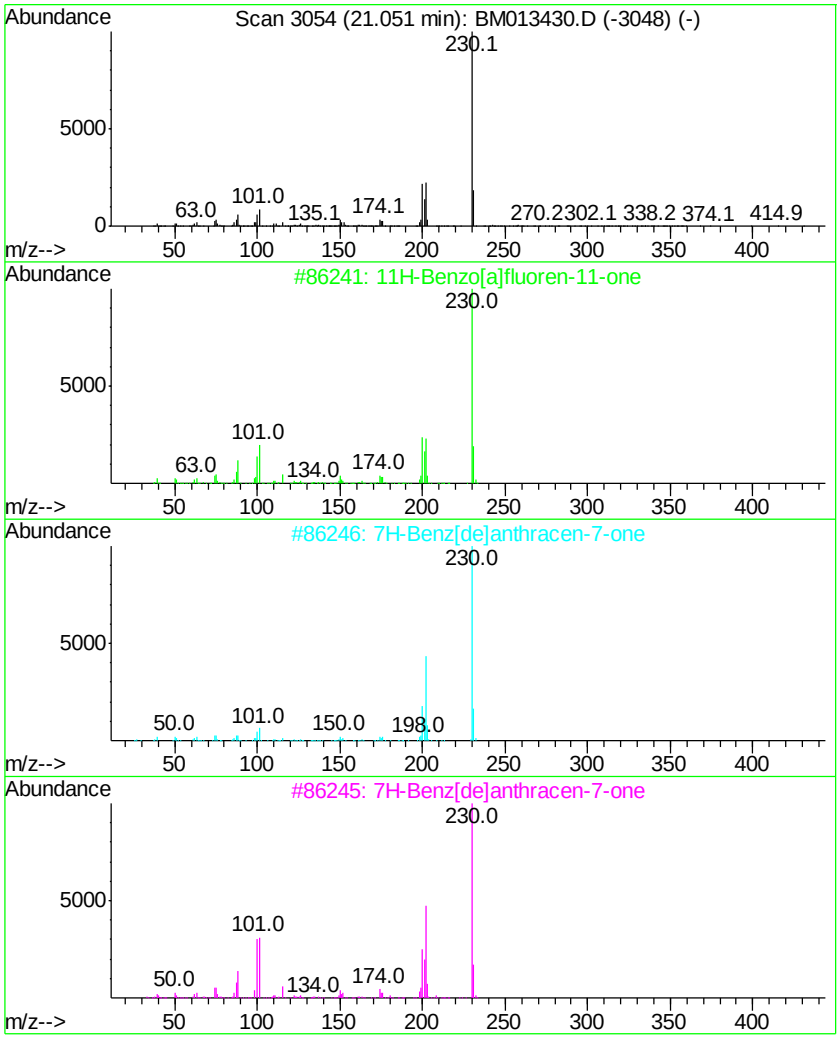
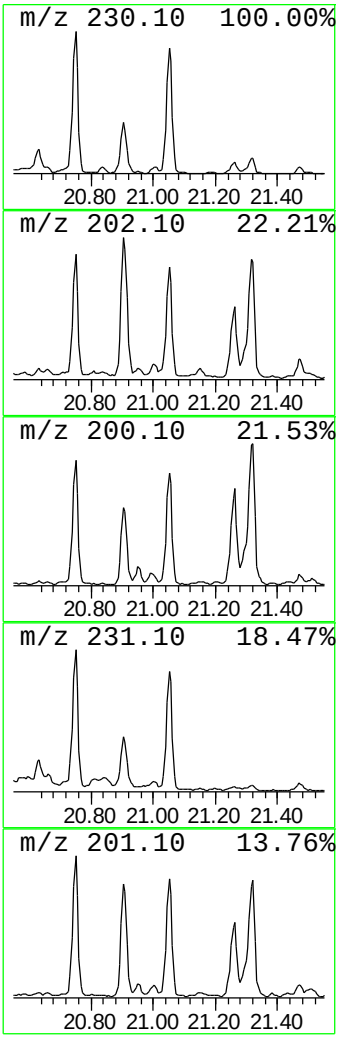
Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	4.73 ng/ul	7908170	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62





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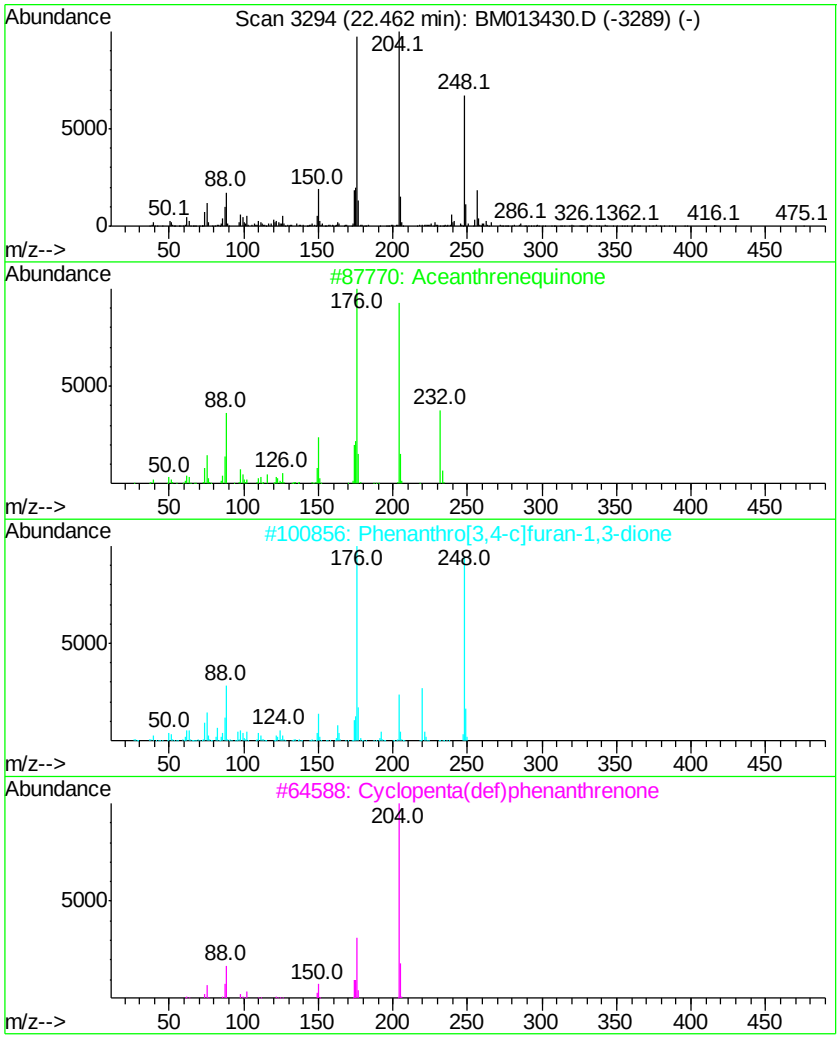
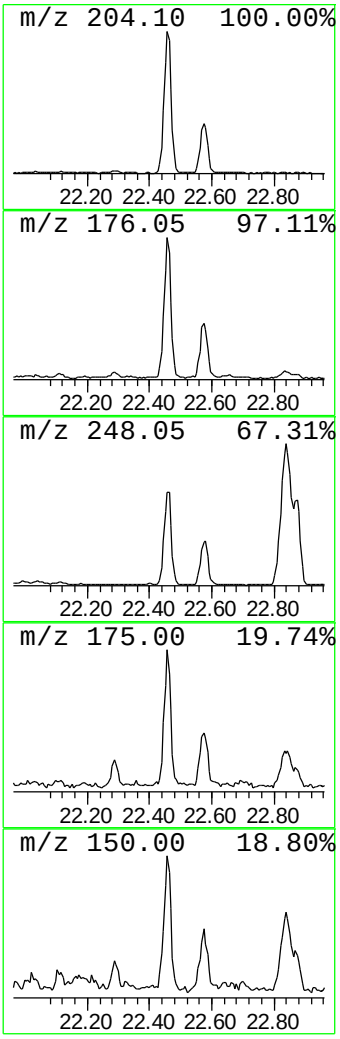
Peak Number 21 Aceanthrenequinone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	17.71 ng/ul	1956830	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aceanthrenequinone	232	C16H8O2	006373-11-1	58
2	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	58
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	38
4	2-Carbethoxy-4-hydroxy-6-methoxy...	248	C12H12N2O4	1000227-07-7	38
5	Pyrido[4,3-d]pyrimidine-8-carbox...	248	C11H12N4O3	1000350-96-4	32





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Quant Title : SVOA CALIBRATION

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

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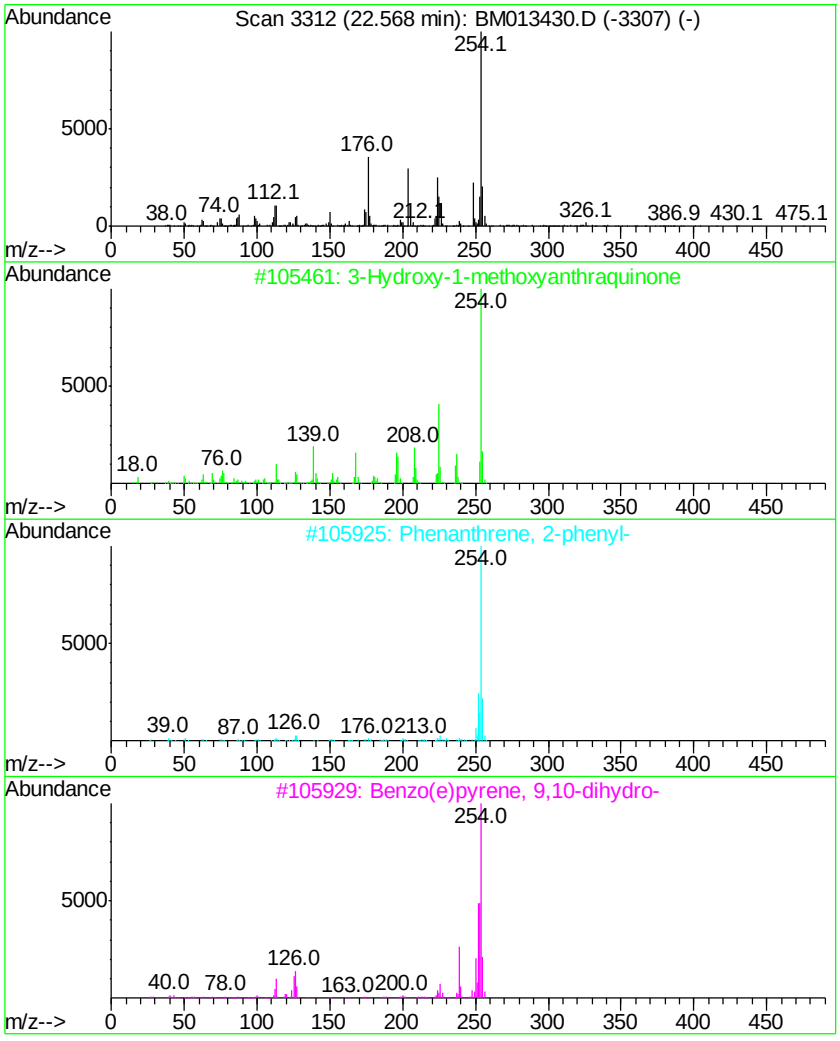
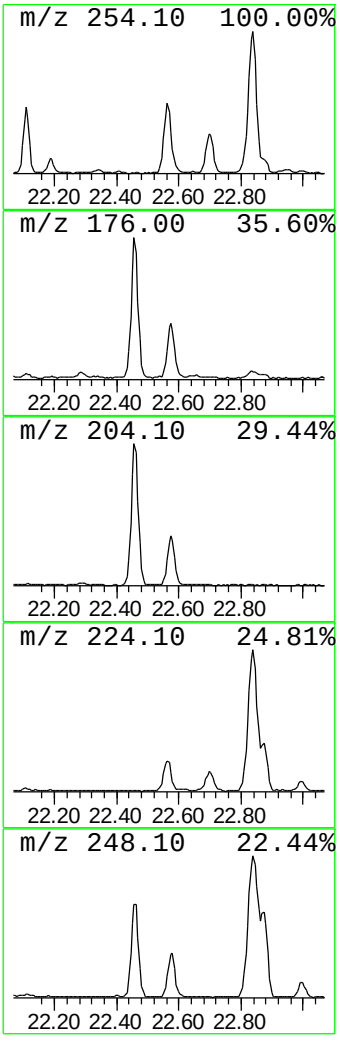
Peak Number 22 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	20.04 ng/ul	2215220	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	49
2	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	46
3	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	43
4	6,6'-Biazulene,	254	C20H14	073393-11-0	43
5	Chrysin	254	C15H10O4	000480-40-0	43





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Quant Title : SVOA CALIBRATION

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

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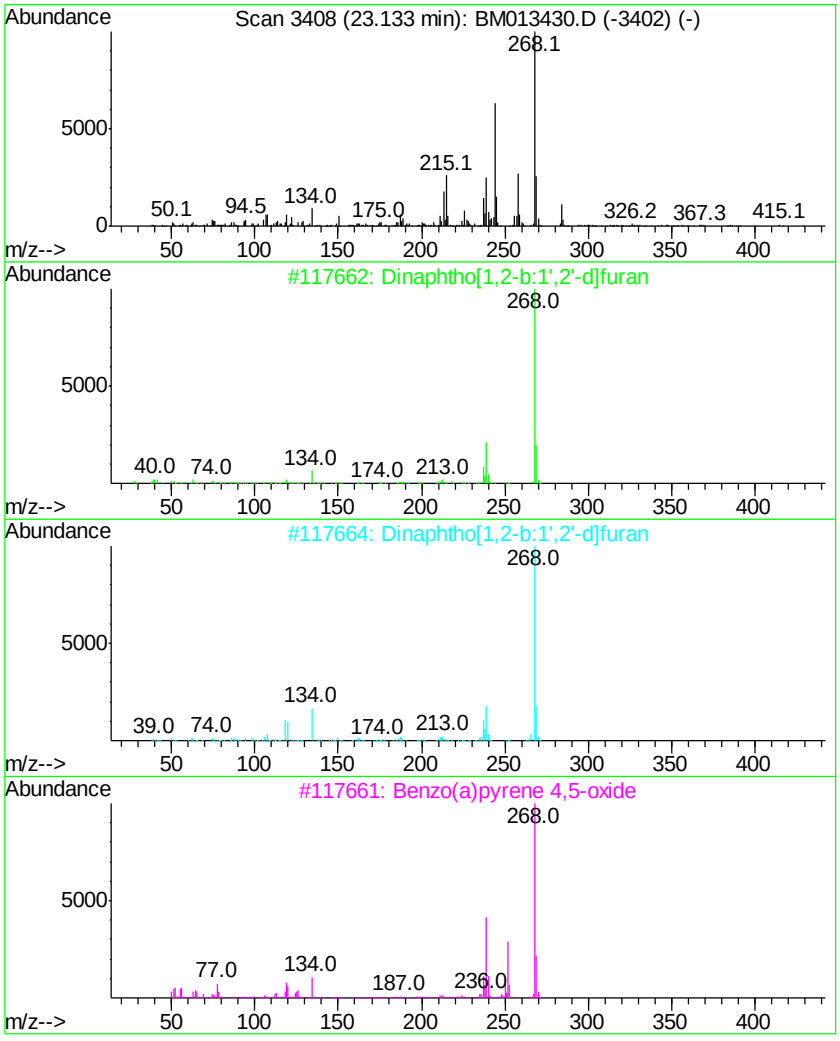
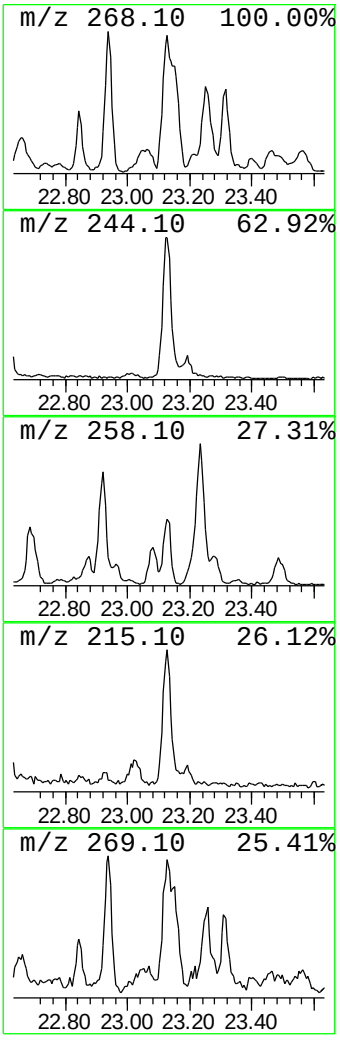
Peak Number 23 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	17.30 ng/ul	1911570	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	55
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	46
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	43
4	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	38
5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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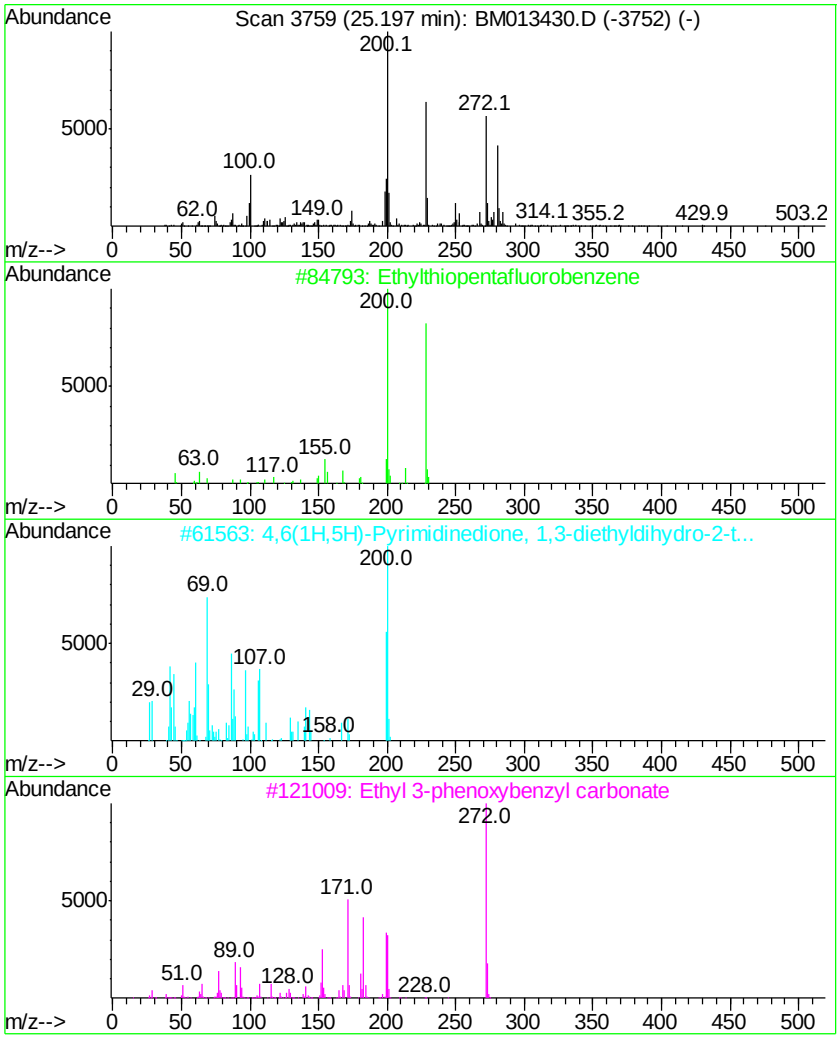
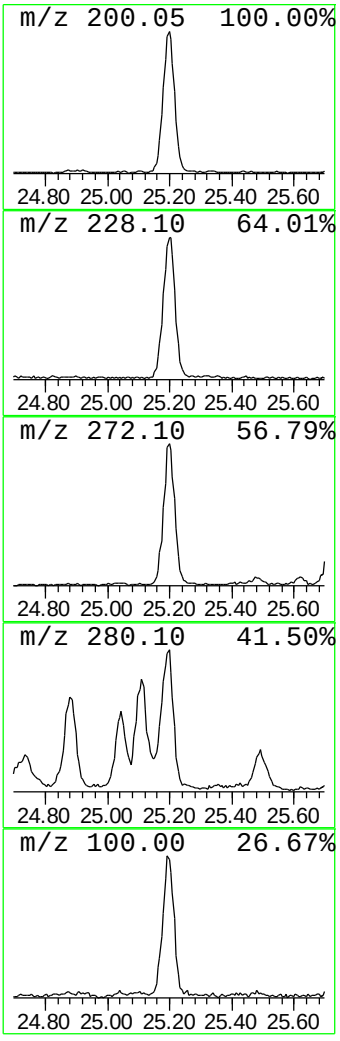
Peak Number 24 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.20	20.13 ng/ul	2224260	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylthiopentafluorobenzene	228	C8H5F5S	033288-21-0	25
2	4,6(1H,5H)-Pyrimidinedione, 1,3-...	200	C8H12N2O2S	005217-47-0	14
3	Ethyl 3-phenoxybenzyl carbonate	272	C16H16O4	1000373-80-2	14
4	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	14
5	9-(Dicyanomethylene)fluorene	228	C16H8N2	001989-32-8	11





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM121417\
Data File : BM013430.D
Acq On : 15 Dec 2017 08:23
Operator : SJ/JU
Sample : I6776-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A55

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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
1(2H)-Acenaphthyl...	16.05	10.4	ng/ul	1772070	4	17.07	3392450	20.0
Dibenzo[a,e]cyclo...	17.59	20.3	ng/ul	3435140	4	17.07	3392450	20.0
4H-Cyclopenta[def...	18.14	30.9	ng/ul	5245000	4	17.07	3392450	20.0
Naphthalene, 2-ph...	18.45	10.4	ng/ul	1770870	4	17.07	3392450	20.0
Phenanthrene, 3,6...	18.70	11.1	ng/ul	1877400	4	17.07	3392450	20.0
Phenanthrene, 2,5...	18.87	10.9	ng/ul	1852860	4	17.07	3392450	20.0
Phenanthrene, 2,7...	18.93	10.8	ng/ul	1823660	4	17.07	3392450	20.0
Cyclopenta(def)ph...	19.04	119.3	ng/ul	20231400	4	17.07	3392450	20.0
Phenaleno[1,9-bc]...	19.39	2.5	ng/ul	4165600	5	21.27	33441000	20.0
Benzo[kl]xanthene	19.68	3.5	ng/ul	5937860	5	21.27	33441000	20.0
Pyrene, 1-methyl-	19.97	3.3	ng/ul	5560090	5	21.27	33441000	20.0
Benzo[b]naphtho[2...	20.91	5.2	ng/ul	8618660	5	21.27	33441000	20.0
Benzo[c]phenanthrene	20.95	3.6	ng/ul	6009240	5	21.27	33441000	20.0
Cyclopenta[cd]pyrene	20.99	4.1	ng/ul	6924810	5	21.27	33441000	20.0
11H-Benzo[a]fluor...	21.05	4.7	ng/ul	7908170	5	21.27	33441000	20.0
Aceanthrenequinone	22.46	17.7	ng/ul	1956830	6	23.49	2210290	20.0
unknown-01	22.57	20.0	ng/ul	2215220	6	23.49	2210290	20.0
Dinaphtho[1,2-b:1...	23.13	17.3	ng/ul	1911570	6	23.49	2210290	20.0
unknown-02	25.20	20.1	ng/ul	2224260	6	23.49	2210290	20.0