LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013423.D
Acq On : 15 Dec 2017 04:14
Operator : SJ/JU
Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56

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	10.457	1245	1253	1267	rBV	1310119	2262366	1.11%	0.325%
2	14.321	1903	1910	1918	rBV2	1837874	2988443	1.47%	0.429%
3	17.068	2372	2377	2381	rBV2	2271770	3286863	1.62%	0.472%
4	17.592	2461	2466	2472	rVB	3121804	4336714	2.13%	0.623%
5	18.139	2553	2559	2564	rBV2	2957793	5061292	2.49%	0.727%
6	18.451	2607	2612	2616	rBV	1602672	2054903	1.01%	0.295%
7	18.504	2616	2621	2626	rVV	1701898	2486240	1.22%	0.357%
8	18.698	2645	2654	2660	rBV5	956956	2823021	1.39%	0.405%
9	19.051	2704	2714	2723	rBV	16194324	29257575	14.38%	4.201%
10	19.180	2723	2736	2739	rBV2	65911433	154424437	75.90%	22.173%
11	19.386	2763	2771	2775	rBV2	3358184	5807371	2.85%	0.834%
12	19.551	2785	2799	2802	rBV4	75403949	203467300	100.00%	29.215%
13	19.580	2802	2804	2810	rVB2	2300505	2733595	1.34%	0.393%
14	19.686	2812	2822	2827	rBV2	4414435	7276791	3.58%	1.045%
15	19.845	2840	2849	2853	rBV3	5055223	12224761	6.01%	1.755%
16	19.998	2864	2875	2880	rVB2	5258542	15690091	7.71%	2.253%
17	20.098	2888	2892	2896	rBV	1778998	2267641	1.11%	0.326%
18	20.156	2896	2902	2906	rVV2	6348130	11029507	5.42%	1.584%
19	20.192	2906	2908	2912	rVV	2939210	3368715	1.66%	0.484%
20	20.298	2921	2926	2929	rBV	3741001	4917963	2.42%	0.706%
21	20.345	2929	2934	2937	rVB	3513132	4412773	2.17%	0.634%
22	20.562	2965	2971	2978	rBV6	868818	2630720	1.29%	0.378%
23	20.633	2979	2983	2985	rVV	1593925	2265582	1.11%	0.325%
24	20.750	2998	3003	3009	rVB	7547522	9479090	4.66%	1.361%
25	20.909	3024	3030	3034	rBV2	7031201	10642029	5.23%	1.528%
26	20.950	3034	3037	3040	rVV	5795407	7278402	3.58%	1.045%
27	20.992	3040	3044	3048	rVV	5602675	7592312	3.73%	1.090%
28	21.050	3048	3054	3063	rVB	6688706	10801126	5.31%	1.551%
29	21.150	3064	3071	3079	rBV2	1561796	3092226	1.52%	0.444%
30	21.262	3081	3090	3094	rBV	25085339	41081751	20.19%	5.899%
31	21.321	3094	3100	3104	rVV	32843421	48172929	23.68%	6.917%
32	21.574	3138	3143	3148	rBV2	1968895	2961060	1.46%	0.425%
33	21.809	3180	3183	3187	rVV	2647769	3654382	1.80%	0.525%
34	21.868	3189	3193	3199	rVV2	1461480	2625841	1.29%	0.377%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013423.D
Acq On : 15 Dec 2017 04:14
Operator : SJ/JU
Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56

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	21.933	3200	3204	3212	rVB3	1372465	2586483	1.27%	0.371%
36	22.456	3289	3293	3298	rVB	1707282	2564038	1.26%	0.368%
37	22.568	3307	3312	3317	rBV3	1054676	2069312	1.02%	0.297%
38	22.839	3349	3358	3362	rBV	11526763	25780336	12.67%	3.702%
39	23.127	3401	3407	3417	rBV	1015338	2505393	1.23%	0.360%
40	23.303	3431	3437	3445	rVB	4681650	8588474	4.22%	1.233%
41	23.397	3447	3453	3459	rVB	3923887	6645239	3.27%	0.954%
42	23.486	3464	3468	3473	rVV	1222140	2323796	1.14%	0.334%
43	25.197	3752	3759	3768	rVB2	987244	2437530	1.20%	0.350%
44	25.721	3839	3848	3857	rVB	1573954	4298476	2.11%	0.617%
45	26.397	3956	3963	3972	rVB	803104	2197578	1.08%	0.316%

Sum of corrected areas: 696452467

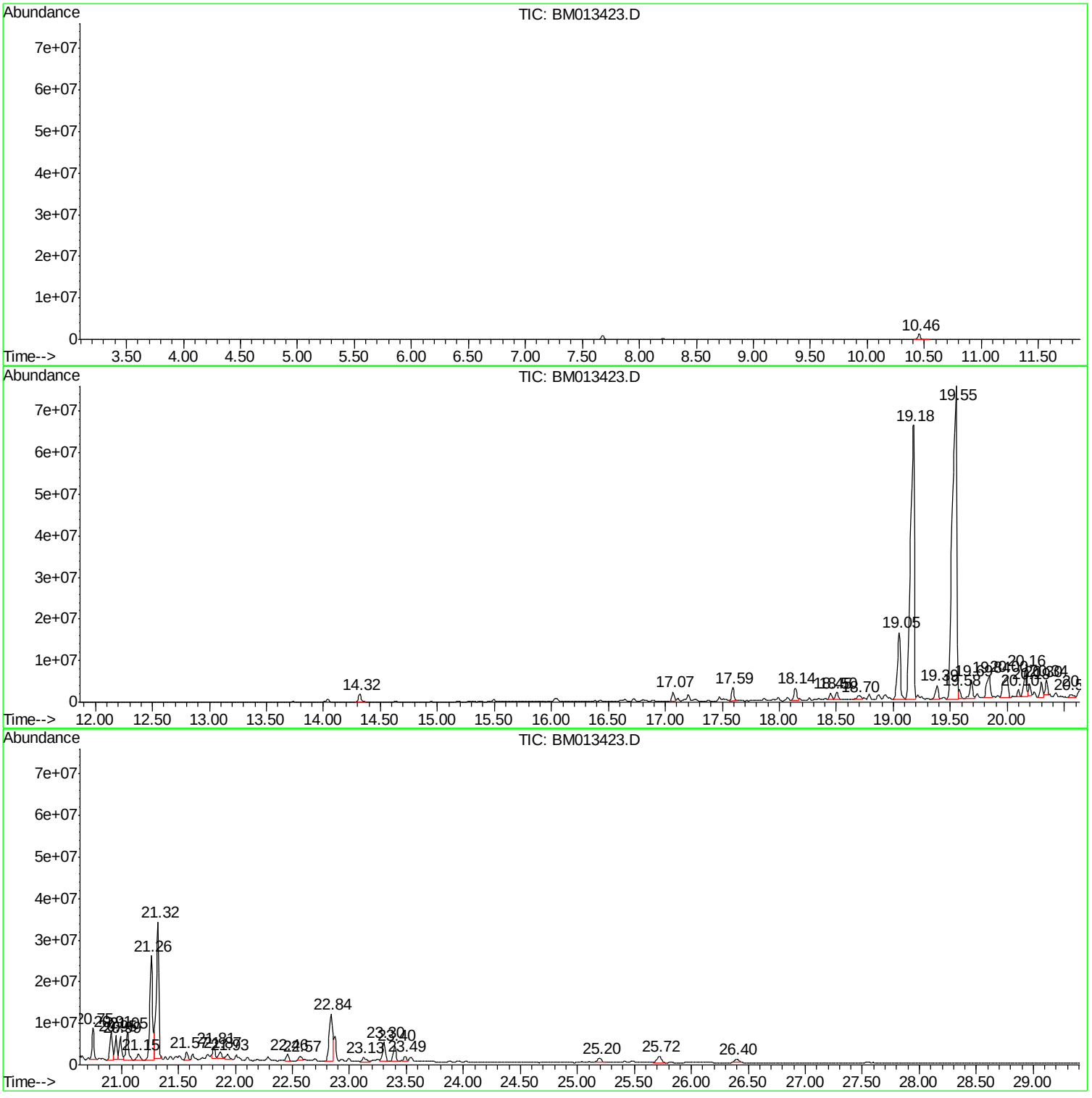
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013423.D
Acq On : 15 Dec 2017 04:14
Operator : SJ/JU
Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A56

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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Data File : BM013423.D
Acq On : 15 Dec 2017 04:14
Operator : SJ/JU
Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56

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

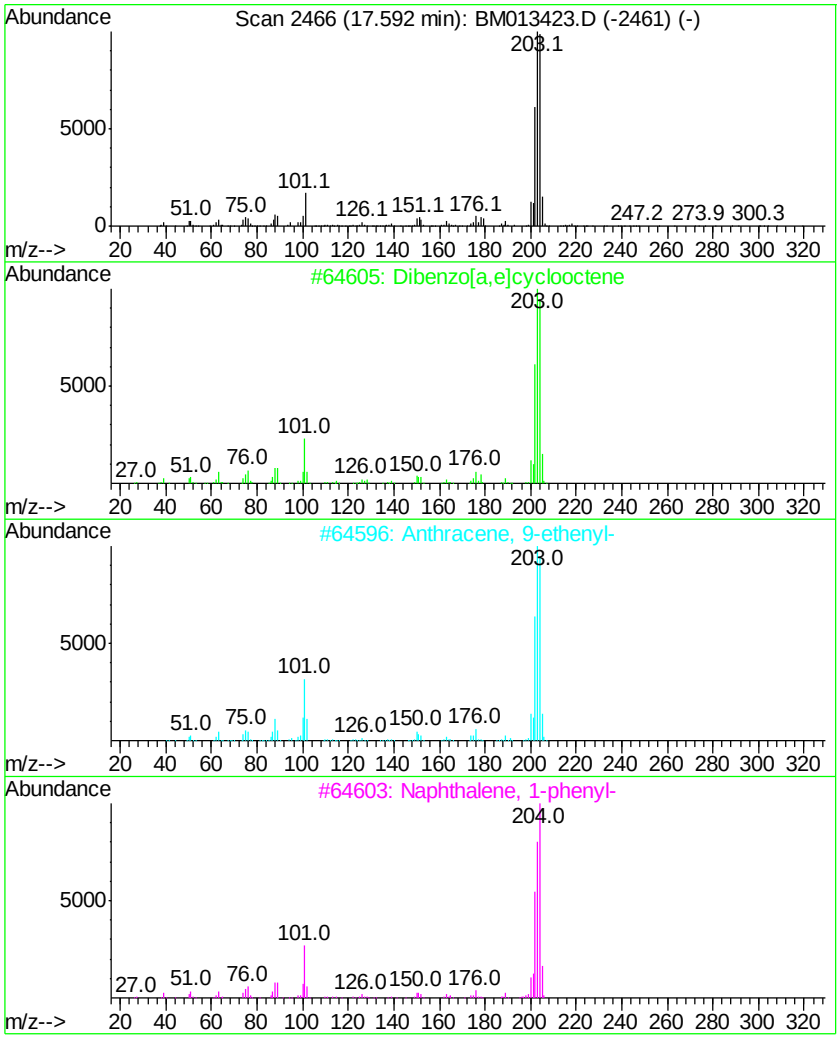
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

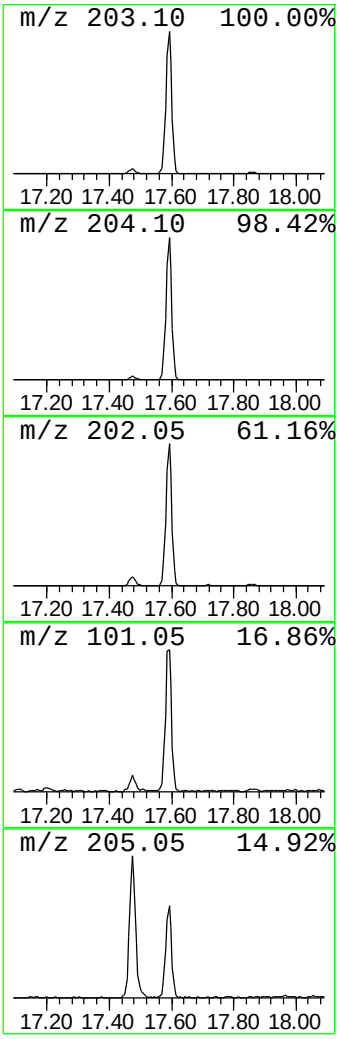
****

Peak Number 1 Dibenzo[a,e]cyclooctene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	26.39 ng/ul	4336710	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	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	89
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013423.D
Acq On : 15 Dec 2017 04:14
Operator : SJ/JU
Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56

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

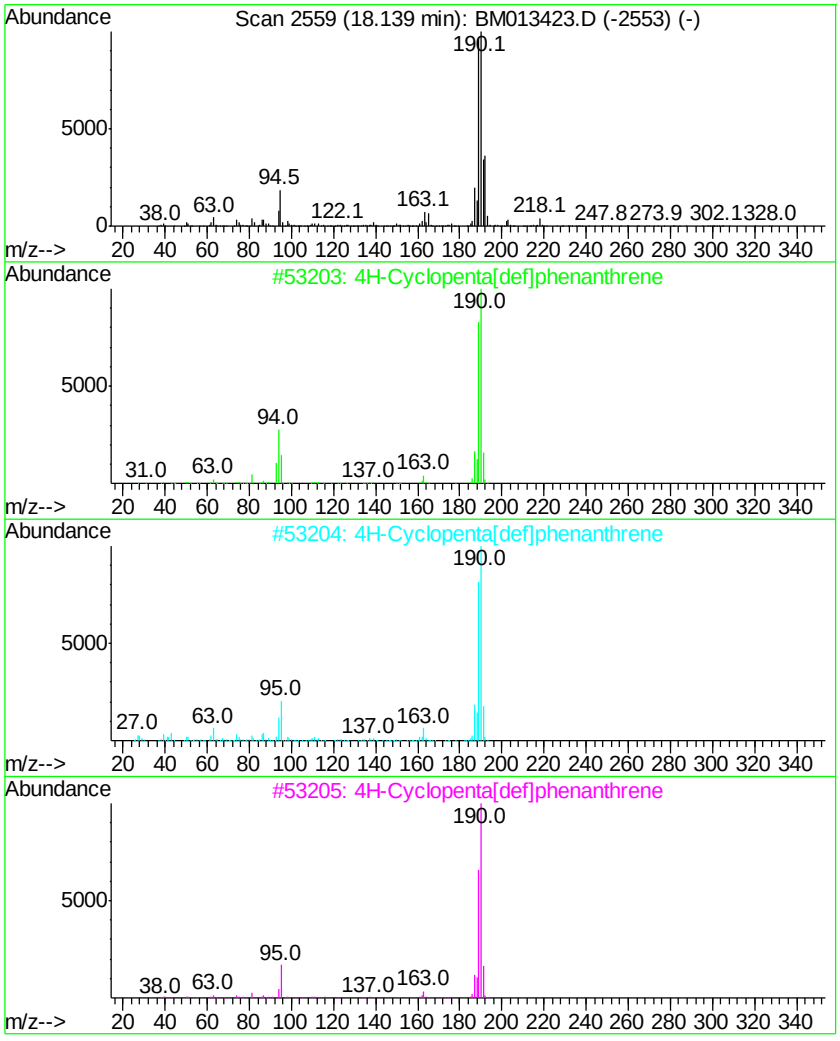
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

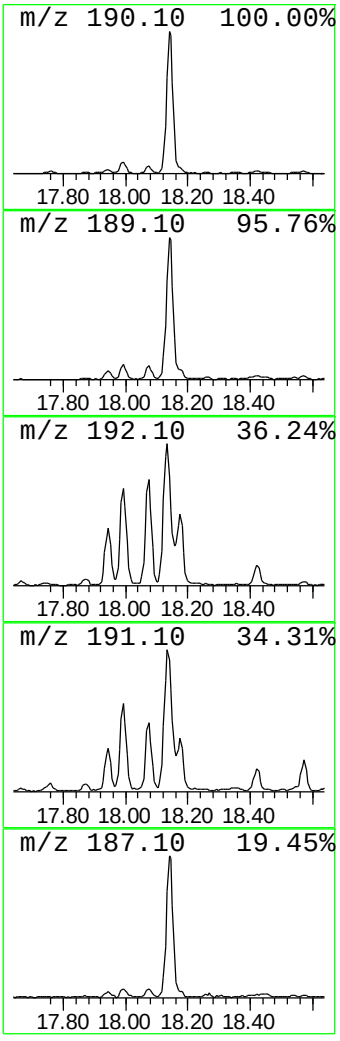
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	30.80 ng/ul	5061290	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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Data File : BM013423.D
Acq On : 15 Dec 2017 04:14
Operator : SJ/JU
Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56

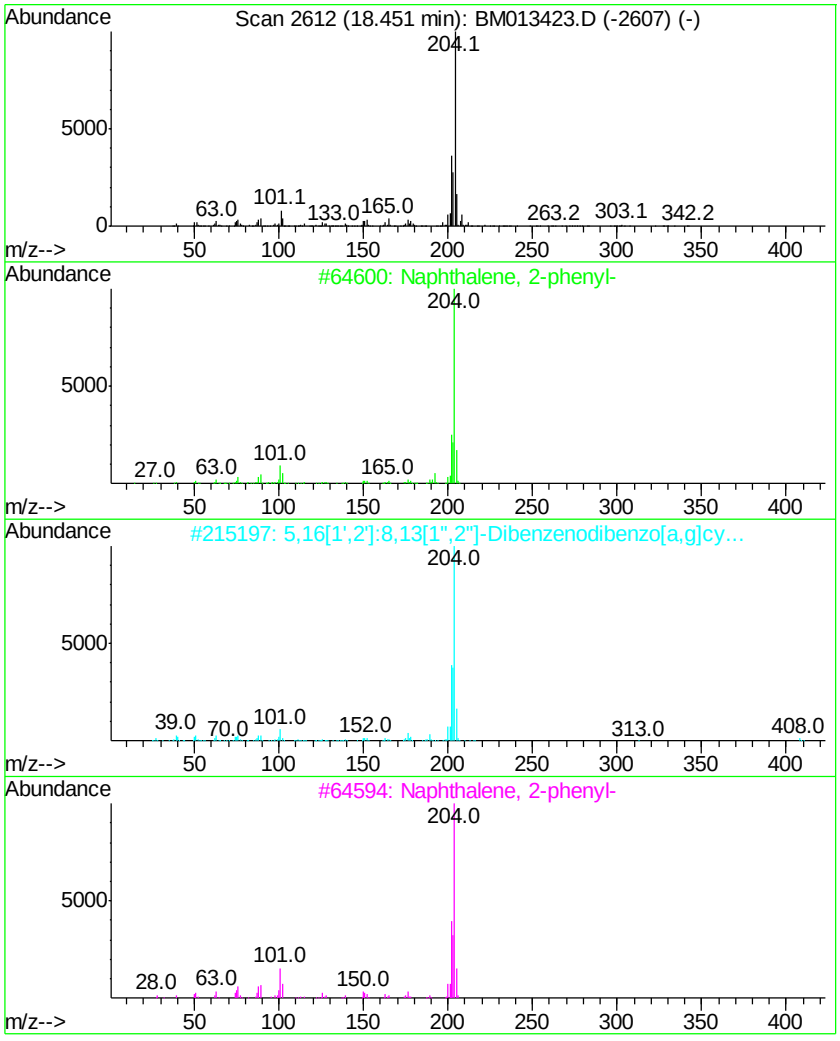
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

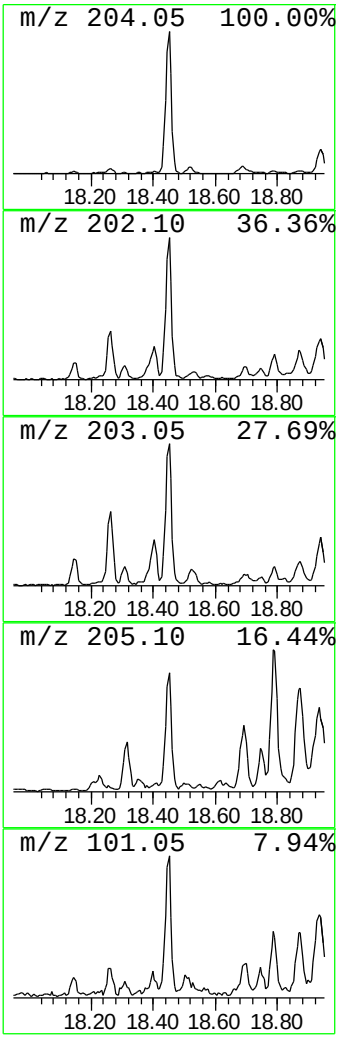
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	12.50 ng/ul	2054900	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	78
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013423.D
Acq On : 15 Dec 2017 04:14
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Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56

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

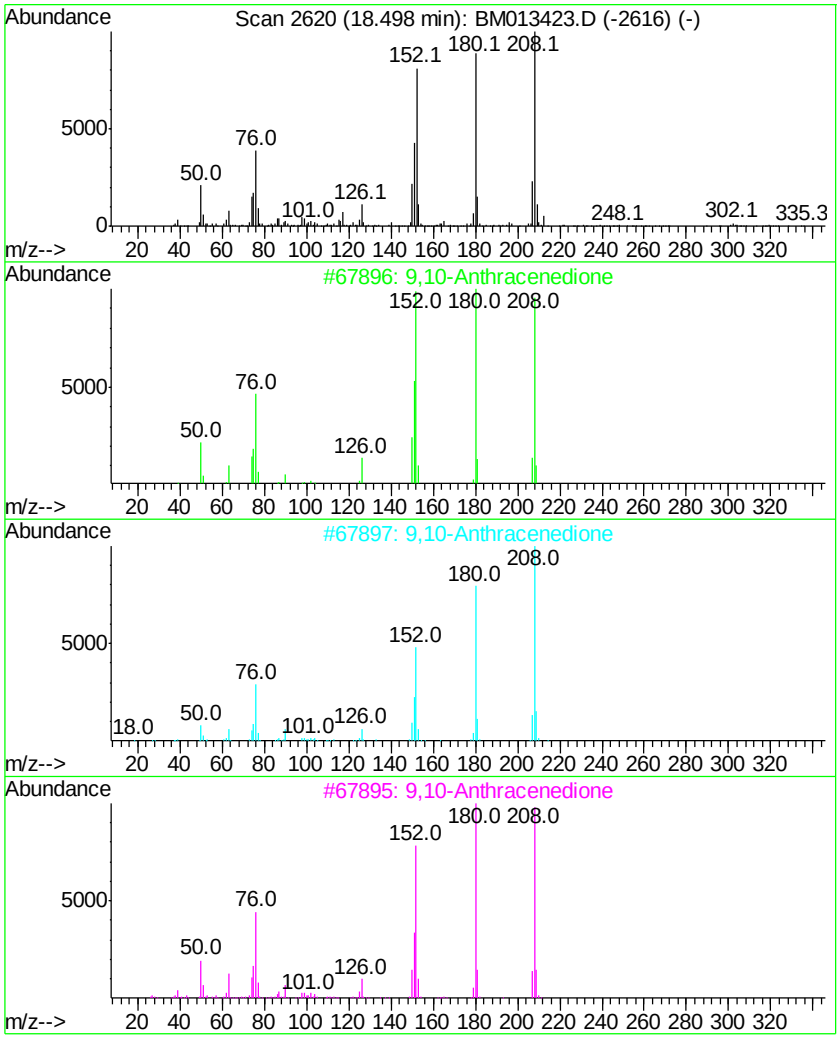
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

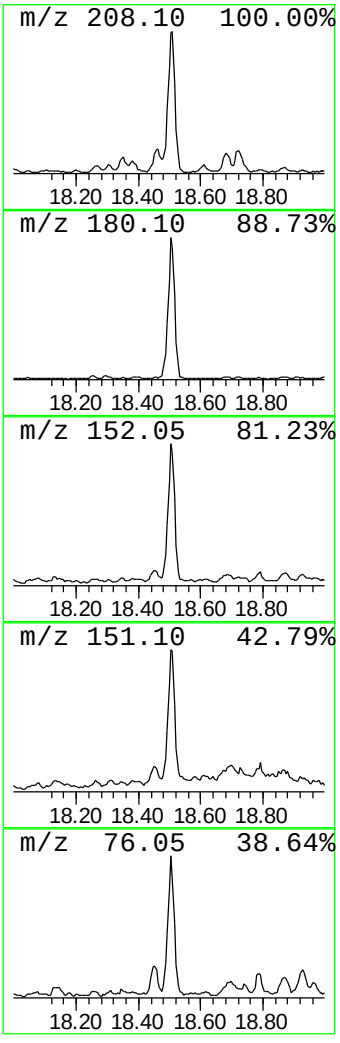
****

Peak Number 4 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	15.13 ng/ul	2486240	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013423.D
Acq On : 15 Dec 2017 04:14
Operator : SJ/JU
Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56

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

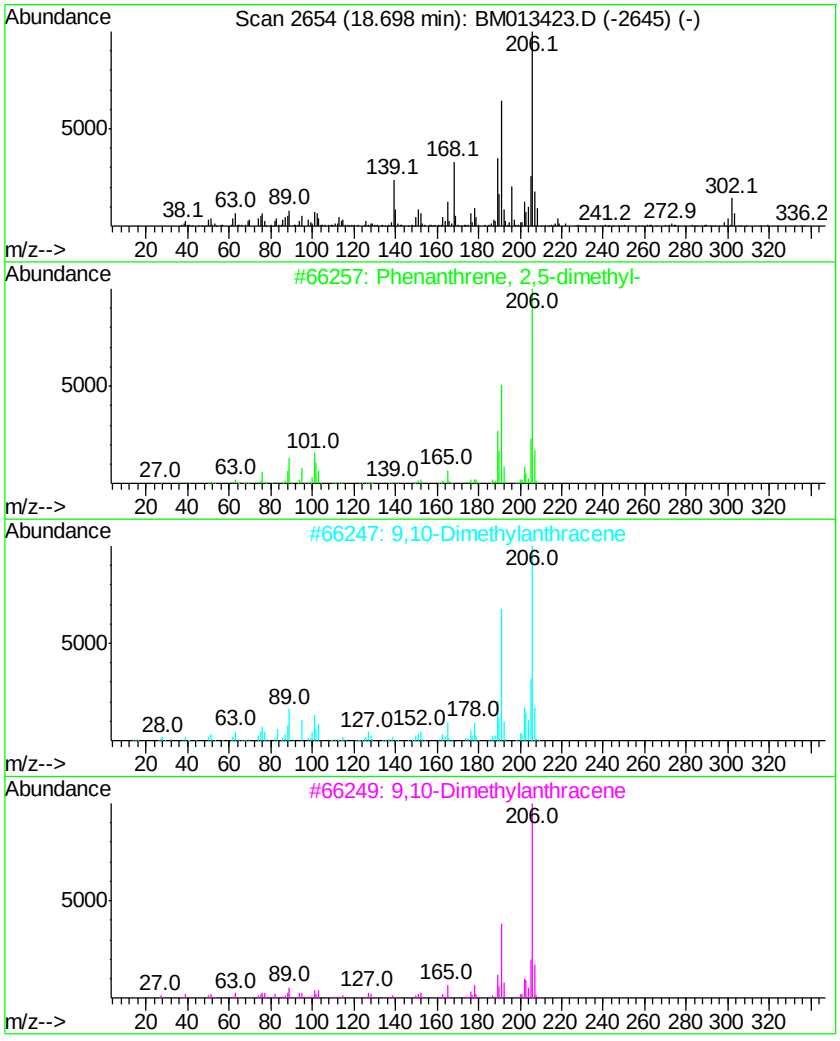
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

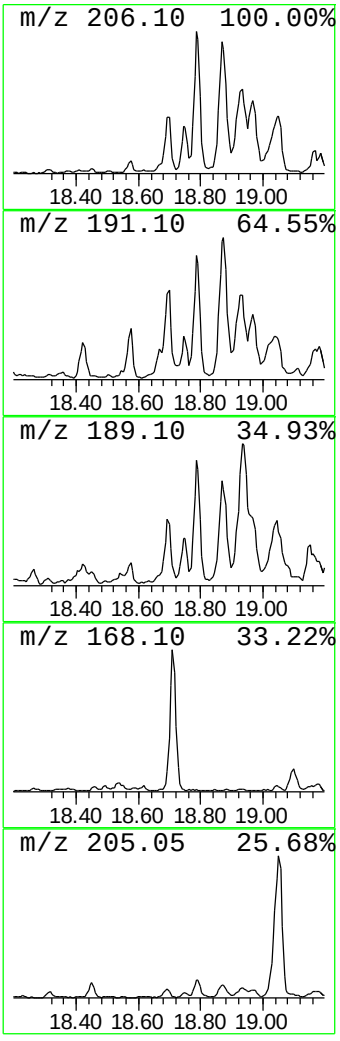
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	17.18 ng/ul	2823020	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	60
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	55





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013423.D
Acq On : 15 Dec 2017 04:14
Operator : SJ/JU
Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56

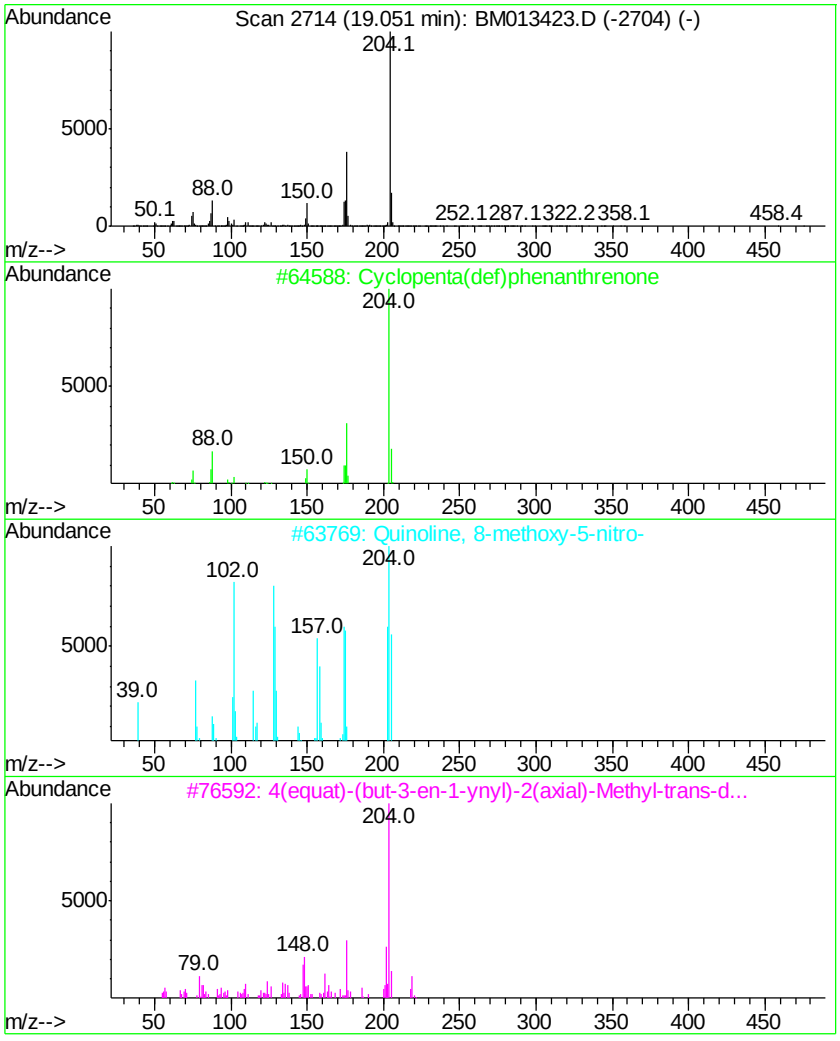
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

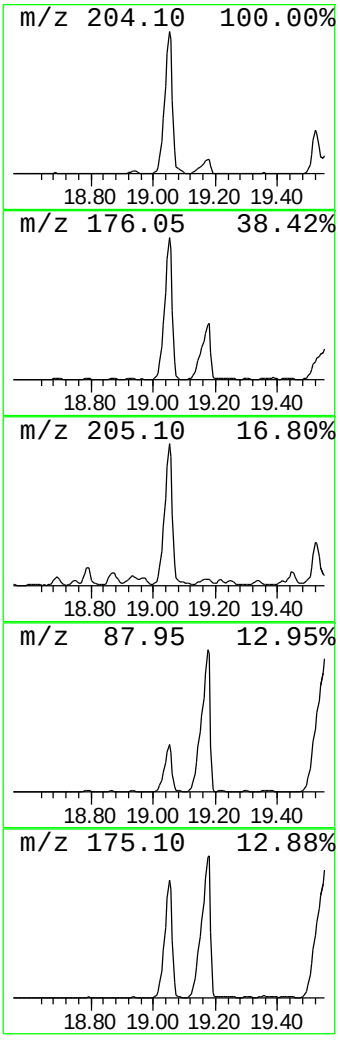
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	178.03 ng/ul	29257600	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	46
3	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43
5	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	39





Library Search Compound Report

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Data File : BM013423.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56

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

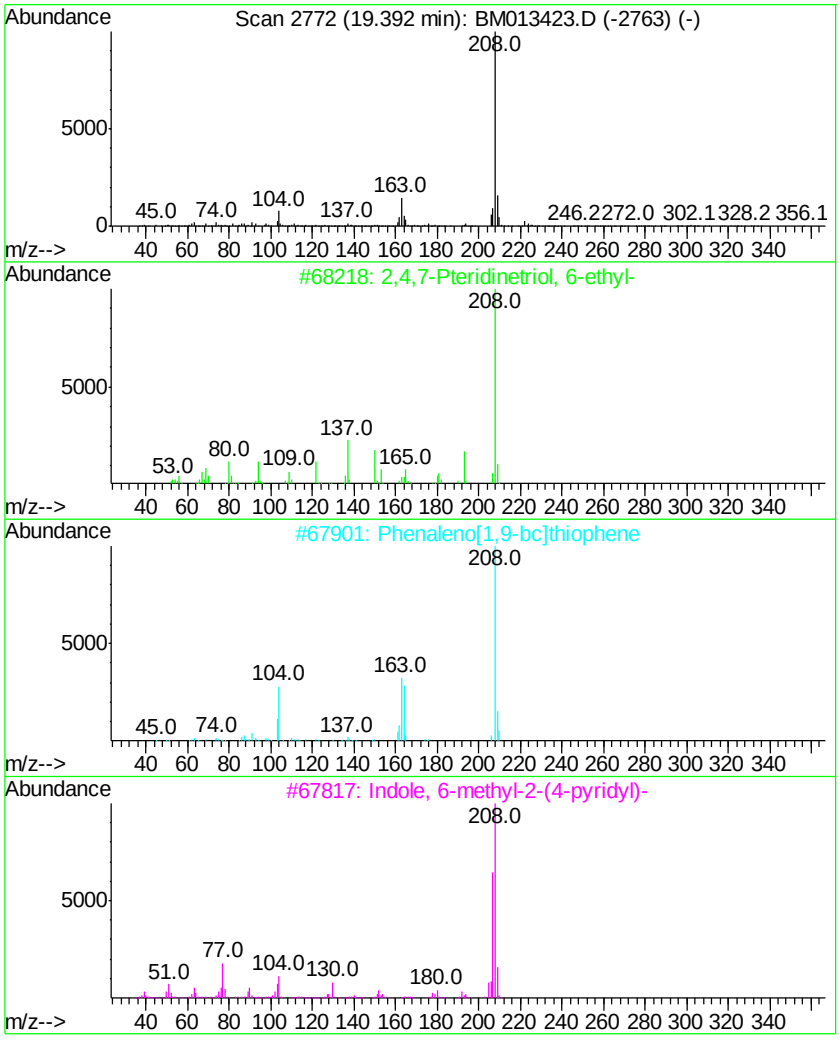
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

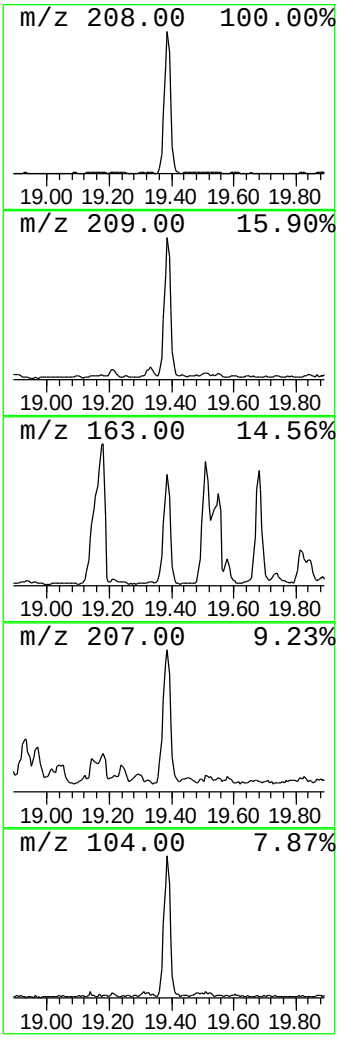
****

Peak Number 7 2,4,7-Pteridinetriol, 6-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	2.83 ng/ul	5807370	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7-Pteridinetriol, 6-ethyl-	208	C8H8N4O3	031053-47-1	72
2	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	64
3	Indole, 6-methyl-2-(4-pyridyl)-	208	C14H12N2	107919-93-7	59
4	Ethanol, 2-[4-vinyl-2-methoxy-6-...	208	C12H16O3	1000132-26-4	59
5	3-Amino-2,3-dihydrobenzoic acid,...	208	C11H16N2O2	1000375-82-0	58





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Data File : BM013423.D
Acq On : 15 Dec 2017 04:14
Operator : SJ/JU
Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56

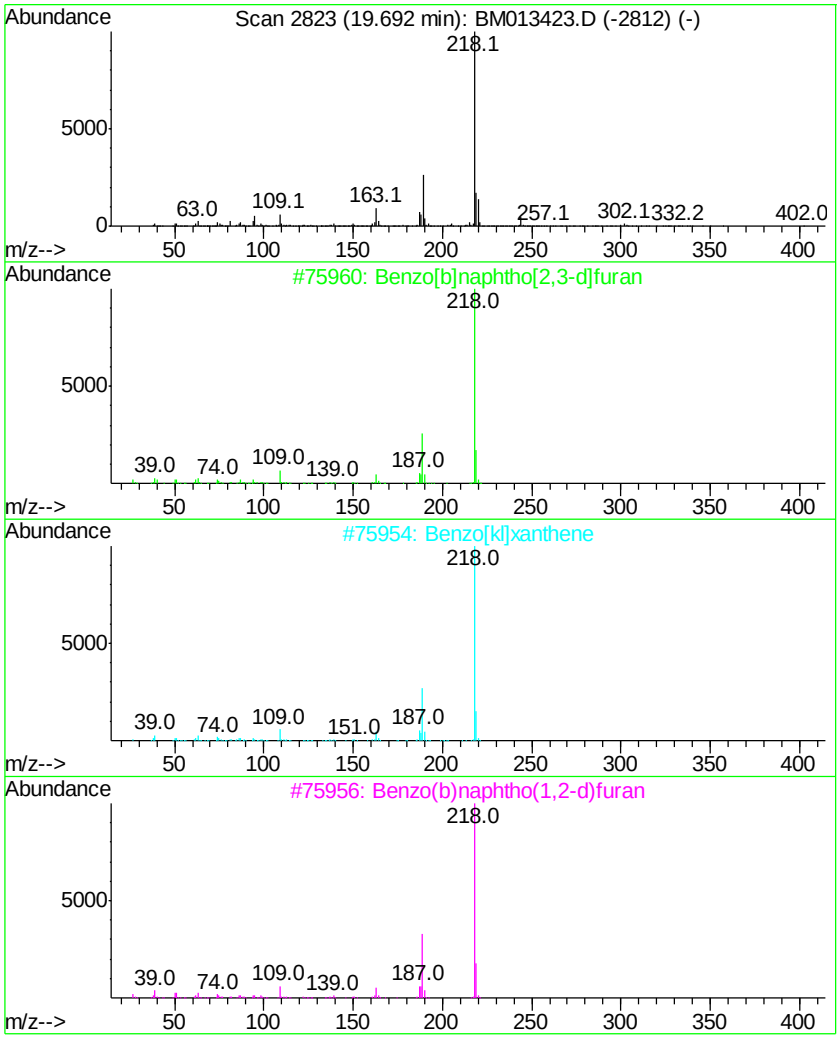
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

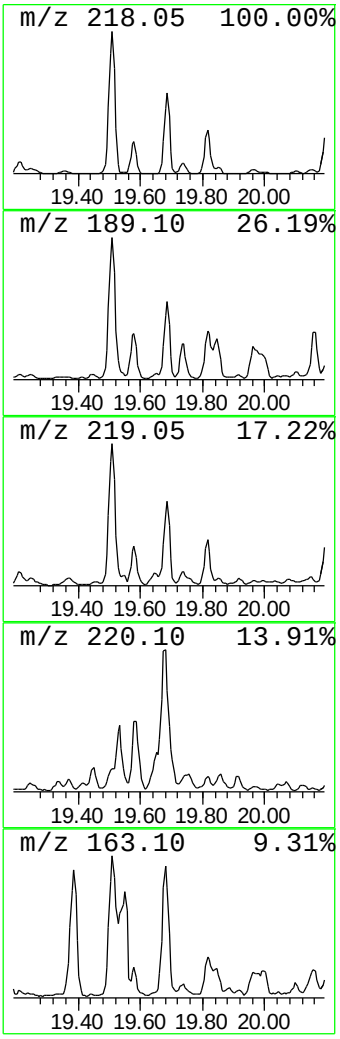
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]naphtho[2,3-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.54 ng/ul	7276790	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	95
2	Benzo[kl]xanthene	218	C16H10O	000200-23-7	94
3	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	93
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	93
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91





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Operator : SJ/JU
Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56

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Quant Title : SVOA CALIBRATION

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

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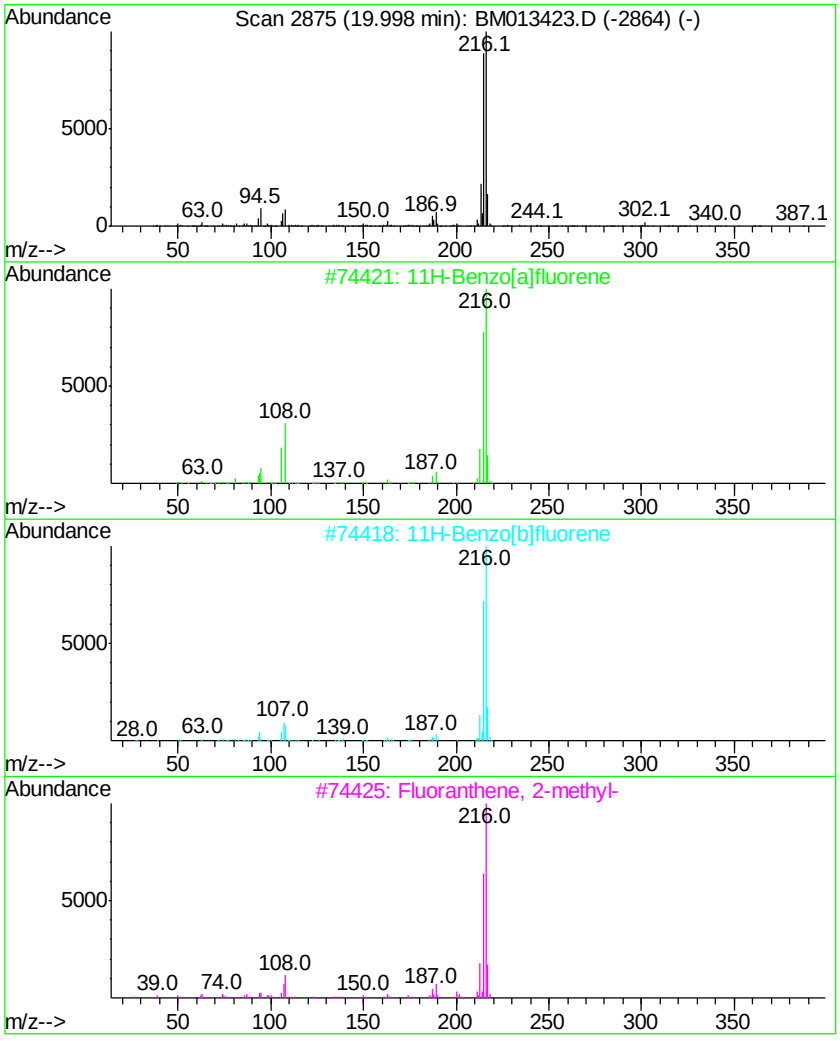
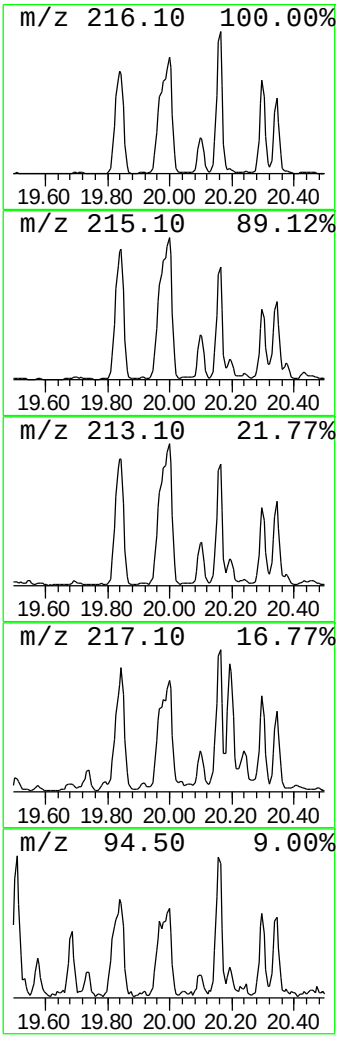
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	7.64 ng/ul	15690100	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56

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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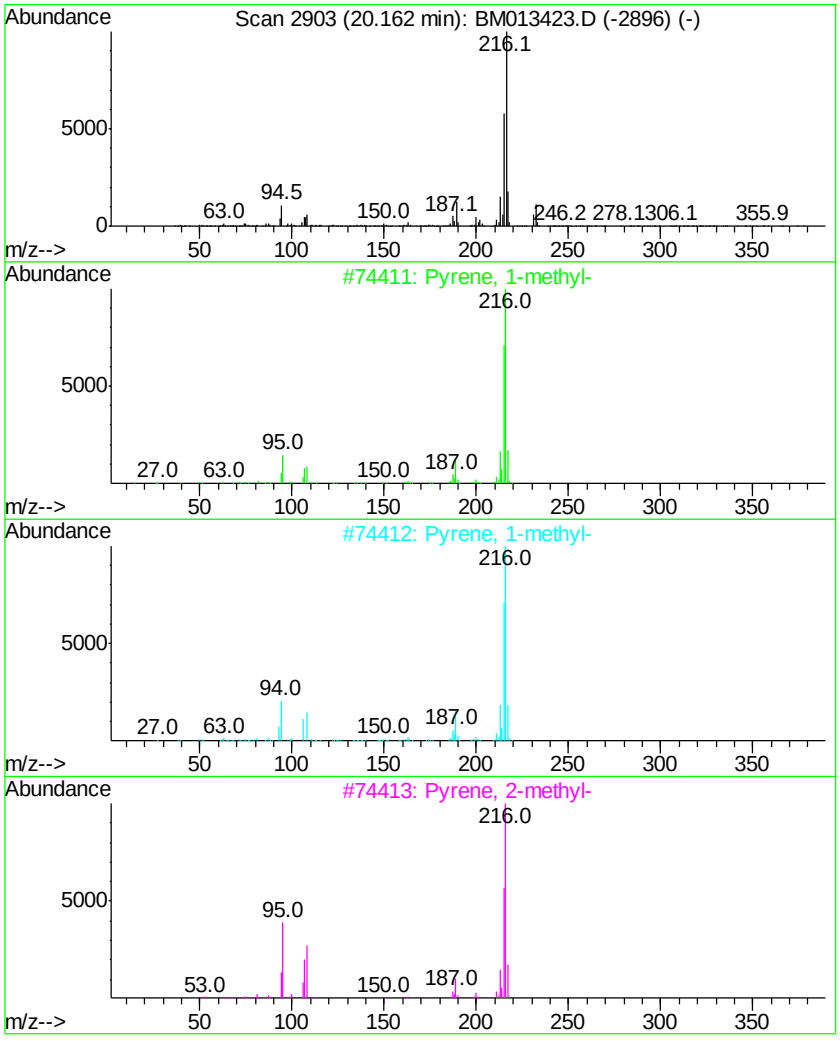
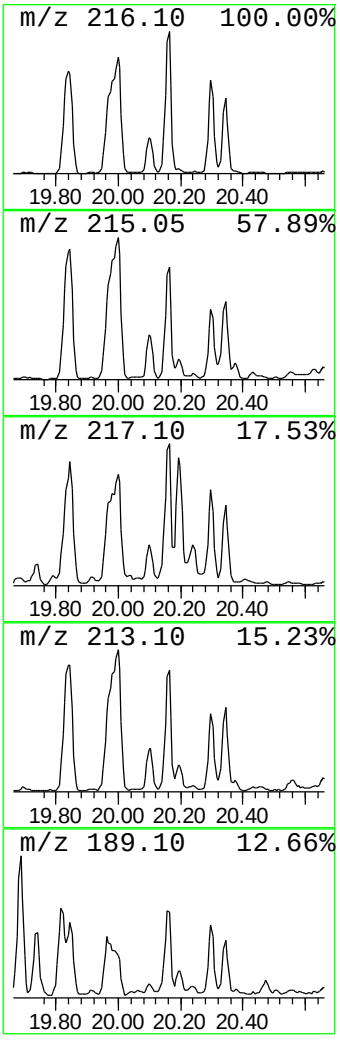
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	5.37 ng/ul	11029500	Chrysene-d12	21.27

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	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





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Quant Title : SVOA CALIBRATION

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

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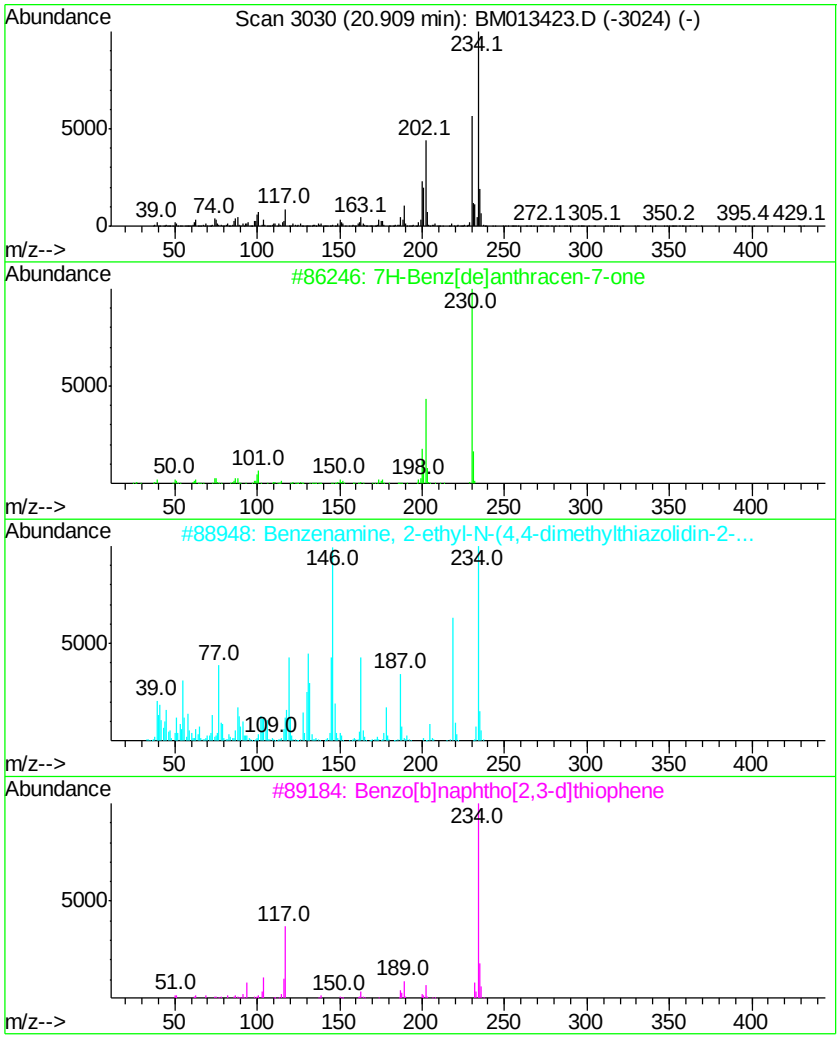
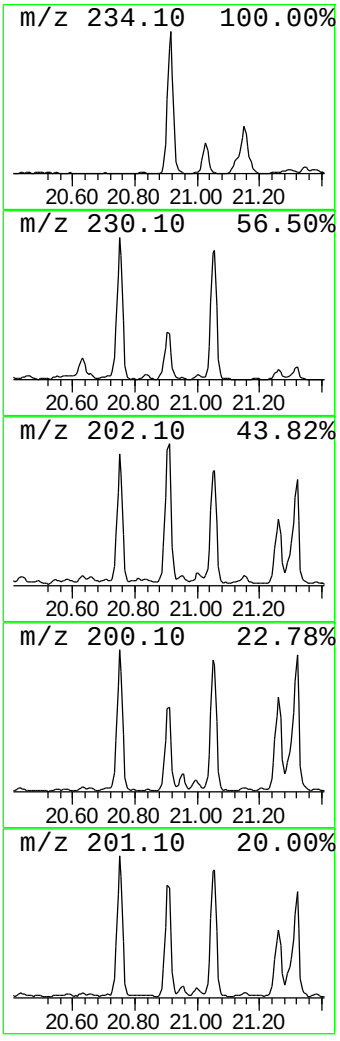
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	5.18 ng/ul	10642000	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
2	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	80
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	50
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	50
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	50





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Misc :
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Instrument : BNA_M
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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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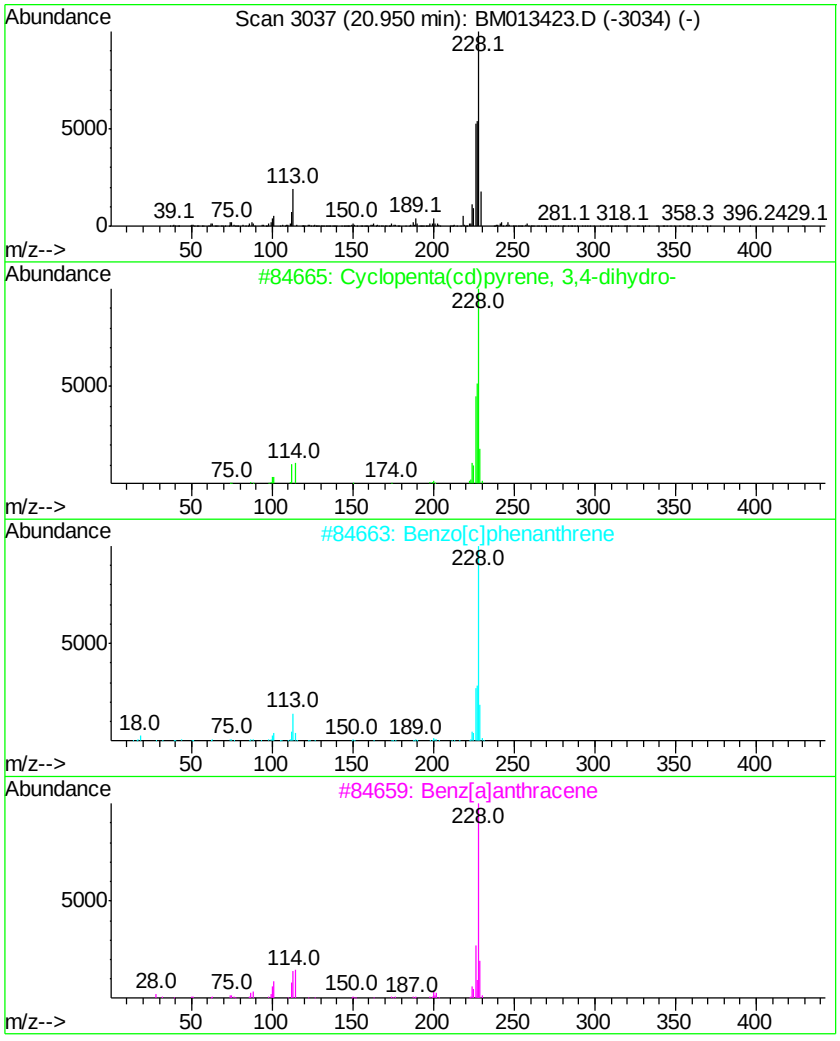
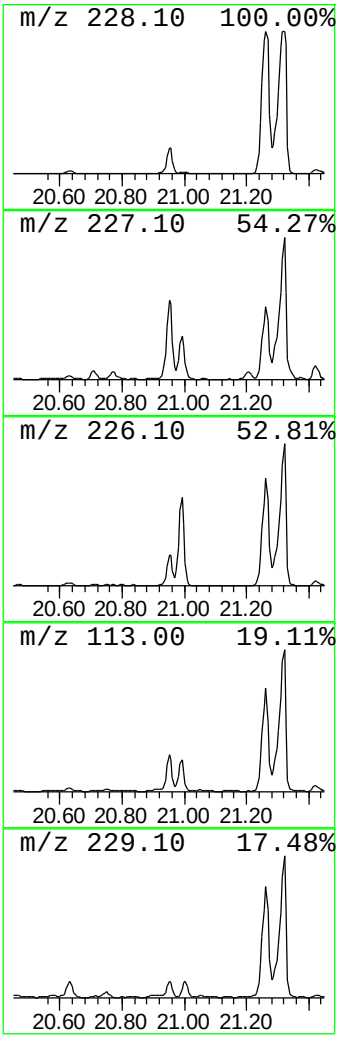
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	3.54 ng/ul	7278400	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	83
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	70
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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Instrument : BNA_M
ClientSampleId : F9A56

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Quant Title : SVOA CALIBRATION

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

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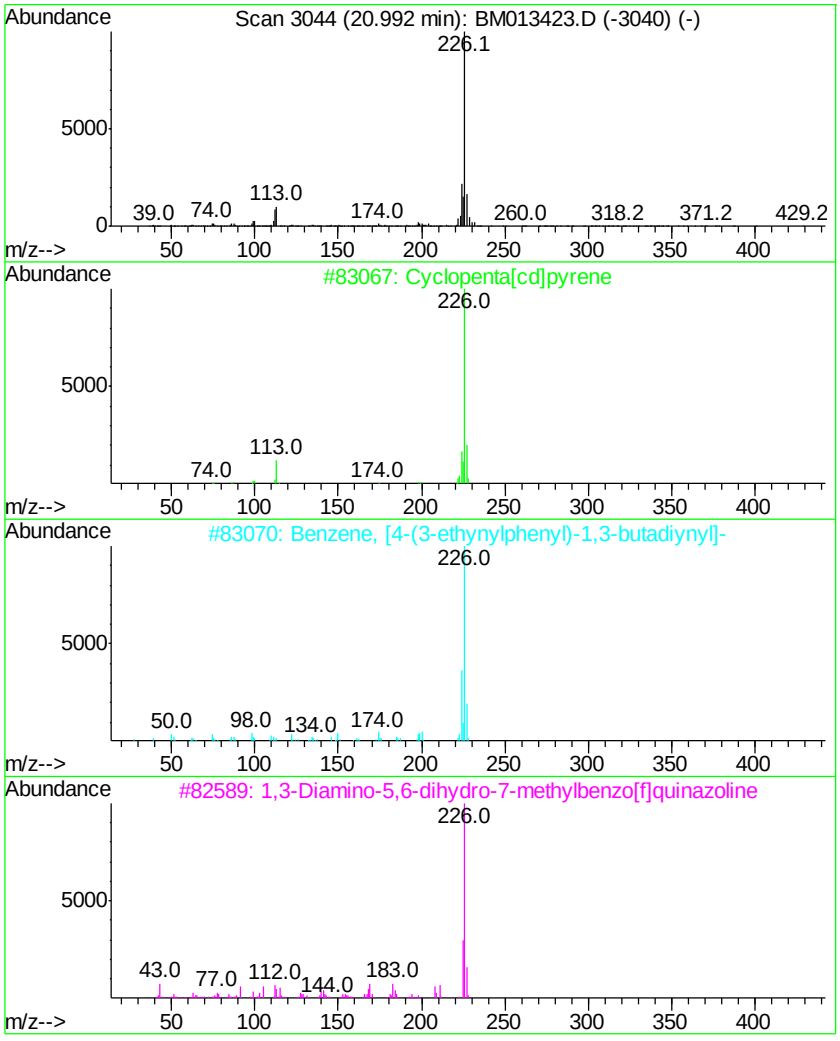
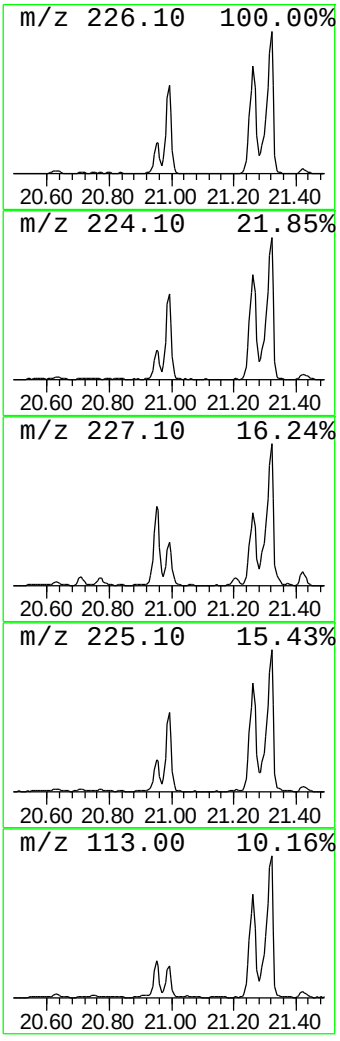
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.70 ng/ul	7592310	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	52
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
4	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	45
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	42





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Quant Title : SVOA CALIBRATION

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

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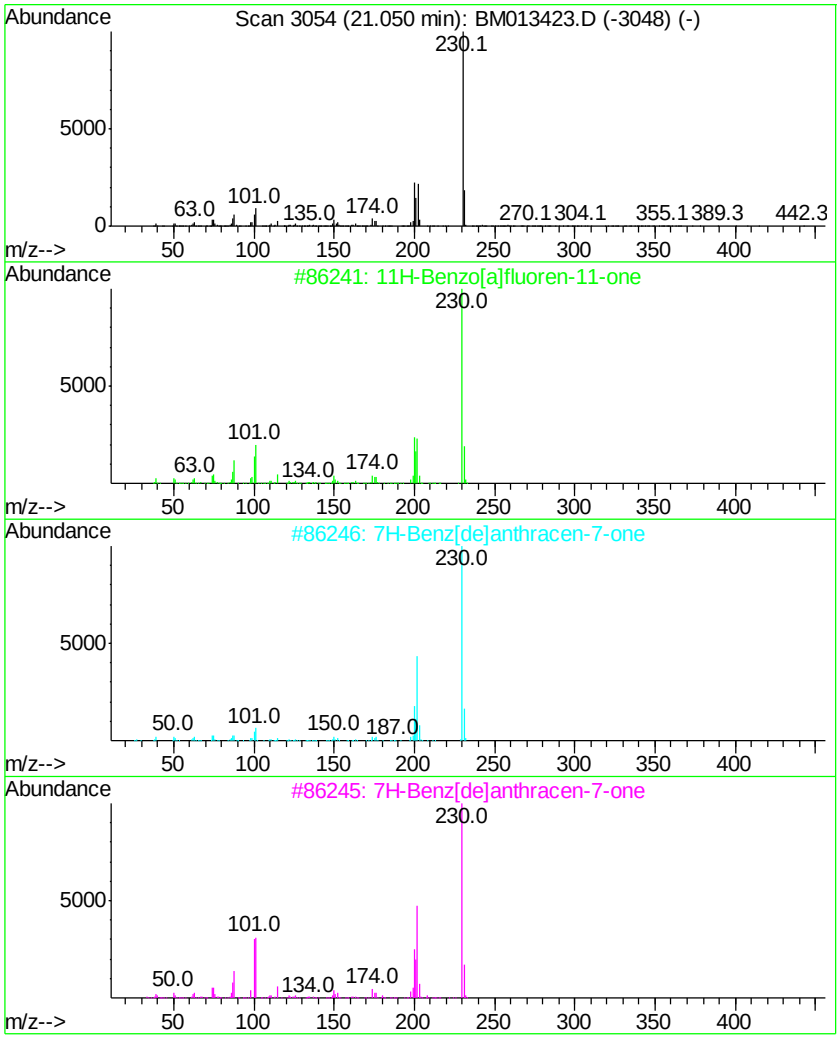
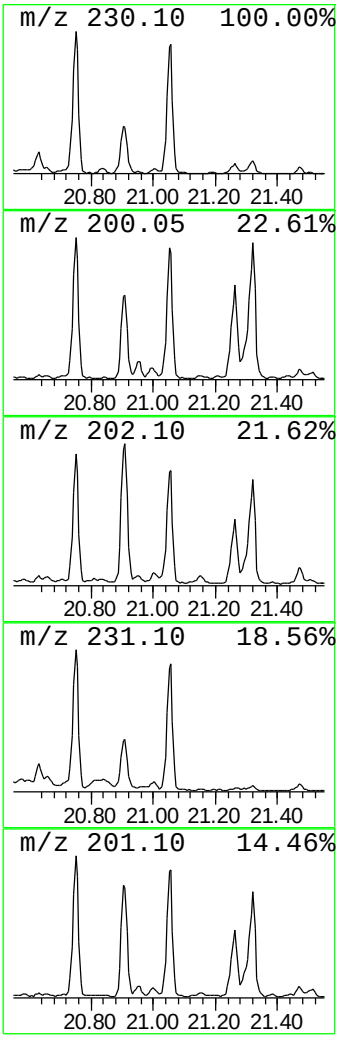
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	5.26 ng/ul	10801100	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	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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ClientSampleId : F9A56

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Quant Title : SVOA CALIBRATION

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

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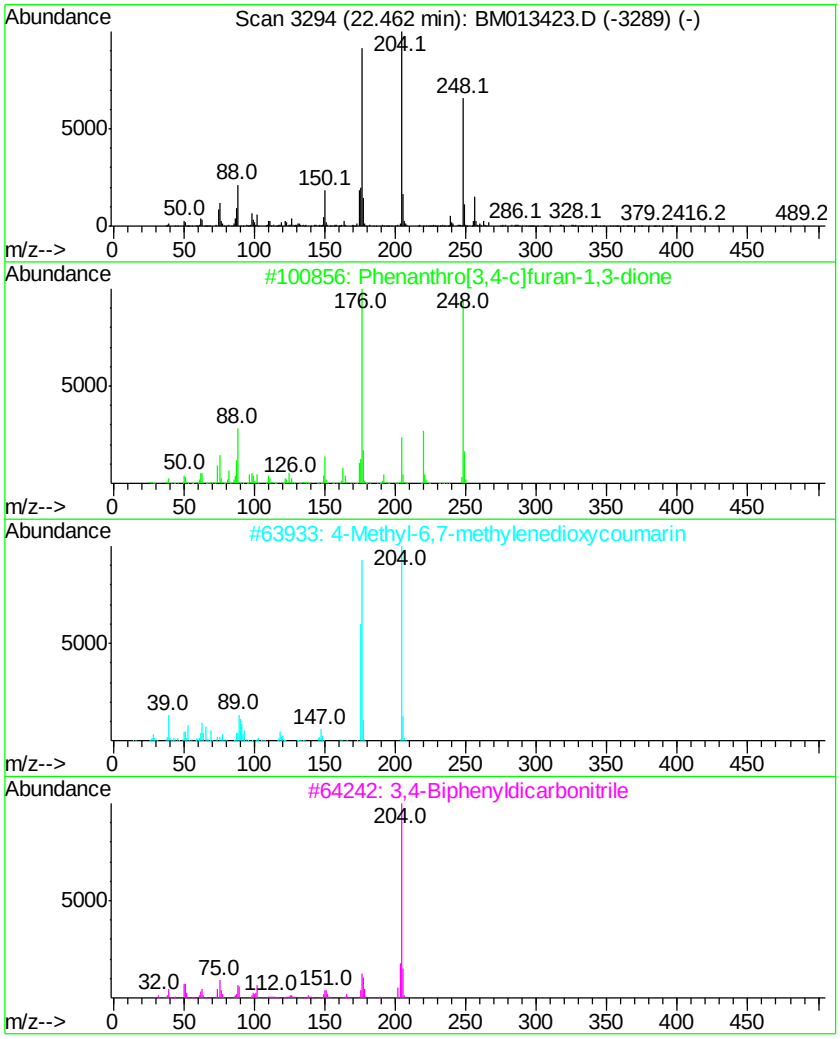
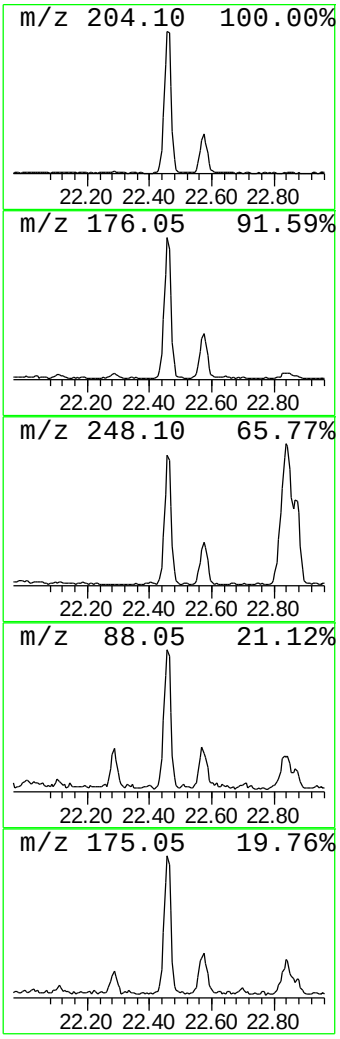
Peak Number 19 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	22.07 ng/ul	2564040	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	49
2	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	49
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
4	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	43
5	Cyano-(1,7,7-trimethyl-bicyclo[2...	247	C15H21NO2	1000303-25-1	38





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Quant Title : SVOA CALIBRATION

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

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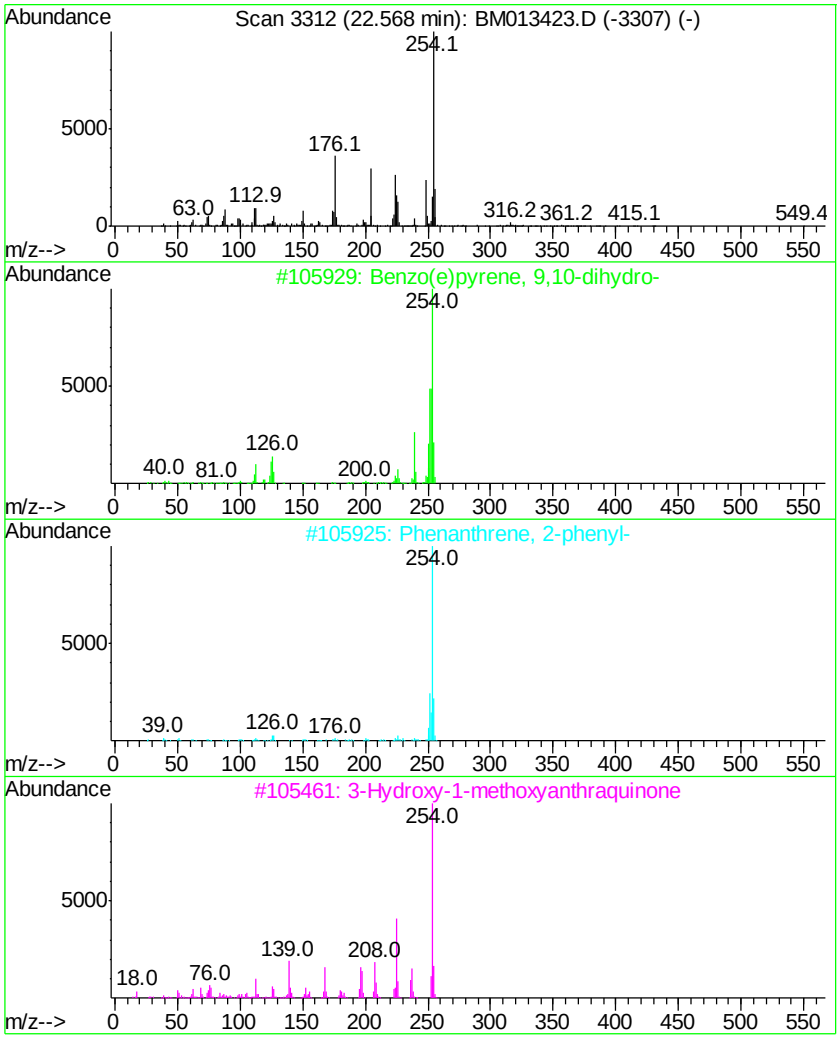
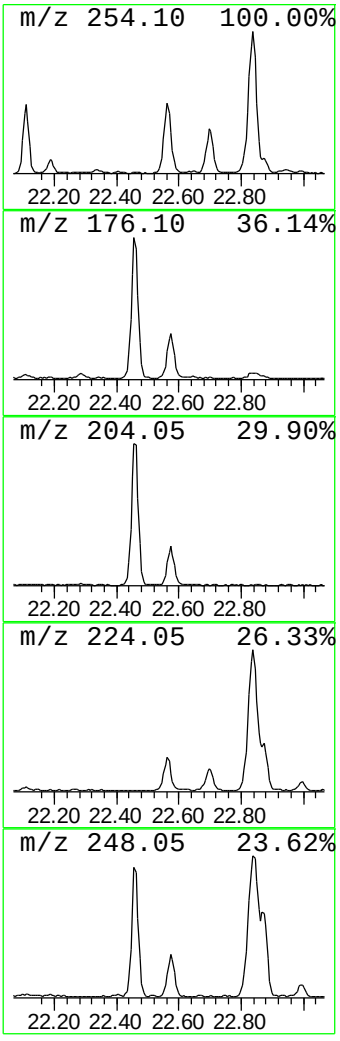
Peak Number 20 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	17.81 ng/ul	2069310	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	46
2	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	46
3	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	46
4	2,2'-Binaphthalene	254	C20H14	000612-78-2	43
5	9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	43





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Quant Title : SVOA CALIBRATION

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

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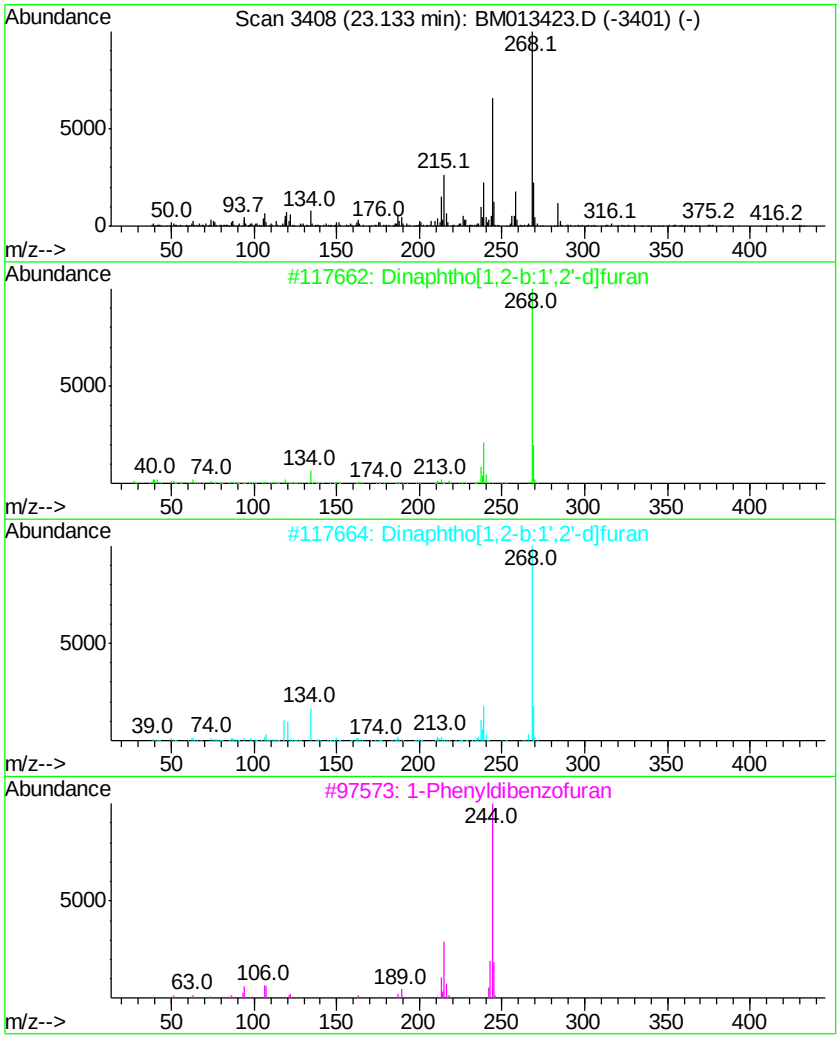
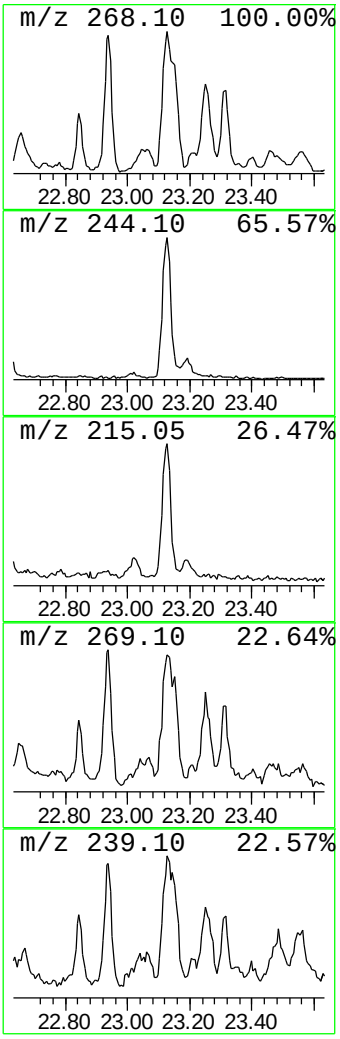
Peak Number 21 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	21.56 ng/ul	2505390	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	49
3	1-Phenyldibenzofuran	244	C18H12O	1000314-39-4	43
4	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	43
5	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	43





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Quant Title : SVOA CALIBRATION

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

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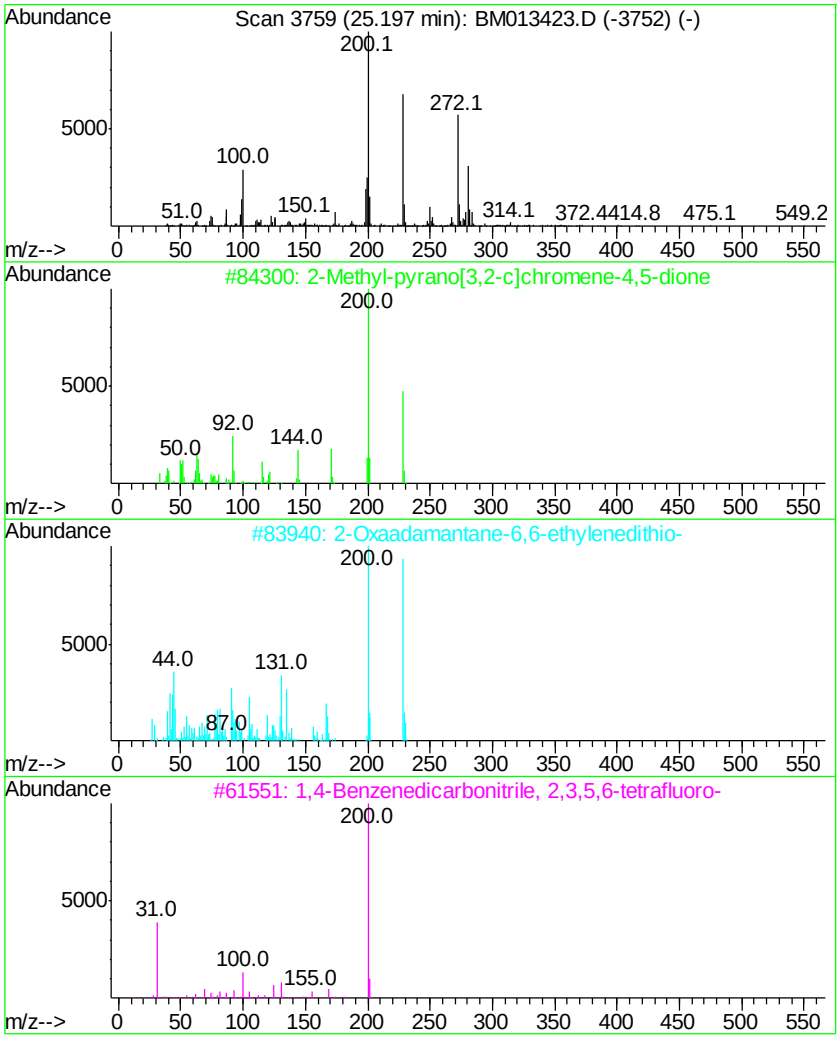
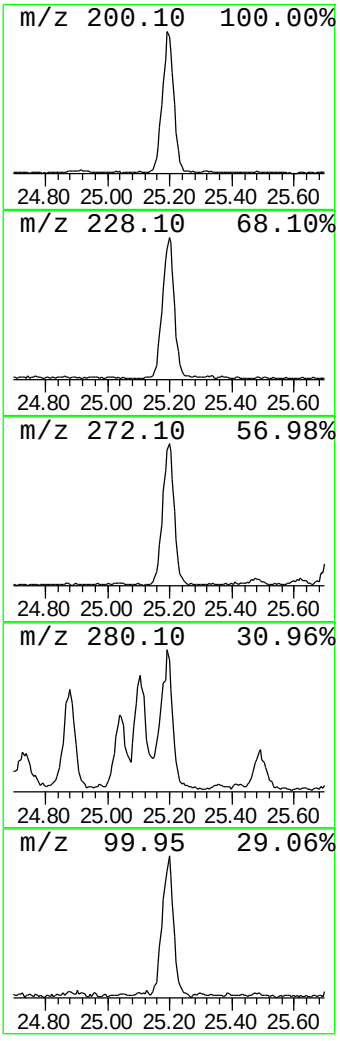
Peak Number 22 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.20	20.98 ng/ul	2437530	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-pyrano[3,2-c]chromene-4...	228	C13H8O4	1000301-16-7	43
2	2-Oxaadamantane-6,6-ethylenedithio-	228	C11H16OS2	1000188-89-7	35
3	1,4-Benzenedicarbonitrile, 2,3,5...	200	C8F4N2	001835-49-0	22
4	1,1'-2,2'-Bis[2,3-dimethylbenzoq...	272	C16H16O4	098108-02-2	15
5	1,3,5-Triazine-2,4-diamine, 6-ch...	229	C9H16ClN5	007286-69-3	14





Tentatively Identified Compound (LSC) summary

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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
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4H-Cyclopenta[def...	18.14	30.8	ng/ul	5061290	4 17.07	3286860	20.0
Naphthalene, 2-ph...	18.45	12.5	ng/ul	2054900	4 17.07	3286860	20.0
9,10-Anthracenedione	18.50	15.1	ng/ul	2486240	4 17.07	3286860	20.0
Phenanthrene, 2,5...	18.70	17.2	ng/ul	2823020	4 17.07	3286860	20.0
Cyclopenta(def)ph...	19.05	178.0	ng/ul	29257600	4 17.07	3286860	20.0
2,4,7-Pteridinetr...	19.39	2.8	ng/ul	5807370	5 21.27	41081800	20.0
Benzo[b]naphtho[2...	19.69	3.5	ng/ul	7276790	5 21.27	41081800	20.0
11H-Benzo[a]fluorene	20.00	7.6	ng/ul	15690100	5 21.27	41081800	20.0
Pyrene, 1-methyl-	20.16	5.4	ng/ul	11029500	5 21.27	41081800	20.0
7H-Benz[de]anthra...	20.91	5.2	ng/ul	10642000	5 21.27	41081800	20.0
Cyclopenta(cd)pyr...	20.95	3.5	ng/ul	7278400	5 21.27	41081800	20.0
Cyclopenta[cd]pyrene	20.99	3.7	ng/ul	7592310	5 21.27	41081800	20.0
11H-Benzo[a]fluor...	21.05	5.3	ng/ul	10801100	5 21.27	41081800	20.0
unknown-01	22.46	22.1	ng/ul	2564040	6 23.49	2323800	20.0
unknown-02	22.57	17.8	ng/ul	2069310	6 23.49	2323800	20.0
Dinaphtho[1,2-b:1...	23.13	21.6	ng/ul	2505390	6 23.49	2323800	20.0
unknown-03	25.20	21.0	ng/ul	2437530	6 23.49	2323800	20.0