LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042524.D
Acq On : 31 Oct 2023 23:12
Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042524.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.922	798	805	815	rBV	281634	437976	1.44%	0.171%
2	10.739	1277	1284	1290	rBV	326809	555567	1.82%	0.217%
3	14.574	1930	1936	1941	rVB	467611	663854	2.18%	0.259%
4	14.639	1941	1947	1957	rVB	741671	1060100	3.48%	0.414%
5	14.974	1995	2004	2009	rBV	303174	453084	1.49%	0.177%
6	15.621	2106	2114	2125	rBV	661046	932708	3.06%	0.364%
7	16.063	2178	2189	2195	rBV3	179322	392113	1.29%	0.153%
8	16.992	2339	2347	2351	rBV	370819	537616	1.76%	0.210%
9	17.145	2367	2373	2384	rVB	525206	757973	2.49%	0.296%
10	17.327	2398	2404	2407	rBV	549442	839999	2.76%	0.328%
11	17.380	2407	2413	2418	rVV	10479439	15827755	51.91%	6.174%
12	17.462	2419	2427	2434	rVV	2358987	3312359	10.86%	1.292%
13	17.715	2464	2470	2472	rBV	263271	396851	1.30%	0.155%
14	17.751	2472	2476	2486	rVV	1512371	2108182	6.91%	0.822%
15	17.839	2486	2491	2498	rVV3	163204	319204	1.05%	0.125%
16	18.192	2544	2551	2556	rBV	705026	1120218	3.67%	0.437%
17	18.245	2556	2560	2569	rVV	969550	1370815	4.50%	0.535%
18	18.327	2569	2574	2579	rVB	310170	417154	1.37%	0.163%
19	18.398	2579	2586	2590	rBV2	1725417	2901496	9.52%	1.132%
20	18.427	2590	2591	2600	rVB	478027	425856	1.40%	0.166%
21	18.698	2632	2637	2642	rVB	776941	1006363	3.30%	0.393%
22	18.762	2642	2648	2653	rBV	1476937	1990029	6.53%	0.776%
23	19.104	2701	2706	2710	rBV	228400	358665	1.18%	0.140%
24	19.174	2710	2718	2721	rBV4	291156	522295	1.71%	0.204%
25	19.280	2726	2736	2741	rBV	714673	1137646	3.73%	0.444%
26	19.404	2748	2757	2761	rBV	15370215	28848624	94.62%	11.253%
27	19.492	2768	2772	2776	rVB	329712	469832	1.54%	0.183%
28	19.627	2791	2795	2806	rVV2	693663	1388993	4.56%	0.542%
29	19.768	2806	2819	2824	rVV	14202016	30488111	100.00%	11.892%
30	19.809	2824	2826	2834	rVB	504221	661411	2.17%	0.258%
31	19.927	2841	2846	2851	rBV2	992300	1422957	4.67%	0.555%
32	20.003	2854	2859	2863	rVB	1125692	1526628	5.01%	0.595%
33	20.056	2863	2868	2876	rVB2	774314	1754271	5.75%	0.684%
34	20.145	2877	2883	2887	rBV	572700	864041	2.83%	0.337%
35	20.203	2887	2893	2895	rBV4	607471	1097712	3.60%	0.428%
36	20.239	2895	2899	2903	rVB	1642375	2179328	7.15%	0.850%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042524.D
Acq On : 31 Oct 2023 23:12
Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.339	2911	2916	2919	rBV2	1185158	1430880	4.69%	0.558%
38	20.398	2919	2926	2929	rVV2	816631	1393094	4.57%	0.543%
39	20.433	2929	2932	2935	rVB	447764	472743	1.55%	0.184%
40	20.468	2935	2938	2943	rVB3	246654	316269	1.04%	0.123%
41	20.533	2946	2949	2953	rBV	522673	660210	2.17%	0.258%
42	20.580	2954	2957	2964	rVB2	532358	720642	2.36%	0.281%
43	20.862	3001	3005	3008	rBV3	230002	348458	1.14%	0.136%
44	20.992	3022	3027	3033	rVB	1475656	1863598	6.11%	0.727%
45	21.150	3049	3054	3058	rBV2	1811949	2659925	8.72%	1.038%
46	21.192	3058	3061	3064	rVV	1596194	2007249	6.58%	0.783%
47	21.233	3064	3068	3073	rVV2	1853225	3241468	10.63%	1.264%
48	21.297	3075	3079	3084	rVB	1827414	2262679	7.42%	0.883%
49	21.398	3089	3096	3102	rVV	549133	1472213	4.83%	0.574%
50	21.503	3104	3114	3120	rVV2	10571792	22855711	74.97%	8.915%
51	21.562	3120	3124	3128	rVV	9790243	13237350	43.42%	5.163%
52	21.674	3138	3143	3149	rBV	2299998	3061258	10.04%	1.194%
53	21.733	3149	3153	3156	rBV2	598388	824958	2.71%	0.322%
54	21.803	3161	3165	3167	rBV	731542	952395	3.12%	0.371%
55	21.833	3167	3170	3171	rVV	573645	740510	2.43%	0.289%
56	21.856	3171	3174	3177	rVB	828349	1043098	3.42%	0.407%
57	22.027	3199	3203	3204	rBV	315258	435861	1.43%	0.170%
58	22.080	3209	3212	3217	rVB	933921	1258471	4.13%	0.491%
59	22.139	3218	3222	3224	rBV	340973	442005	1.45%	0.172%
60	22.297	3245	3249	3252	rBV	683161	1038095	3.40%	0.405%
61	22.397	3261	3266	3276	rVB4	488078	1022031	3.35%	0.399%
62	22.615	3299	3303	3308	rBV2	553761	923903	3.03%	0.360%
63	22.921	3349	3355	3365	rBV2	758081	1622849	5.32%	0.633%
64	23.215	3394	3405	3410	rBV	7645897	22515068	73.85%	8.782%
65	23.309	3417	3421	3427	rVB2	442925	711967	2.34%	0.278%
66	23.386	3428	3434	3440	rVB	1403354	2361033	7.74%	0.921%
67	23.739	3486	3494	3504	rVB	4819861	10939510	35.88%	4.267%
68	23.856	3505	3514	3524	rVB	6526784	14721384	48.29%	5.742%
69	23.944	3525	3529	3532	rBV	440495	762266	2.50%	0.297%
70	24.003	3533	3539	3547	rVB	2257160	4302897	14.11%	1.678%
71	26.521	3952	3967	3975	rVB	3241058	11413628	37.44%	4.452%
72	27.327	4089	4104	4116	rVB	2512472	9782315	32.09%	3.816%

Sum of corrected areas: 256365777

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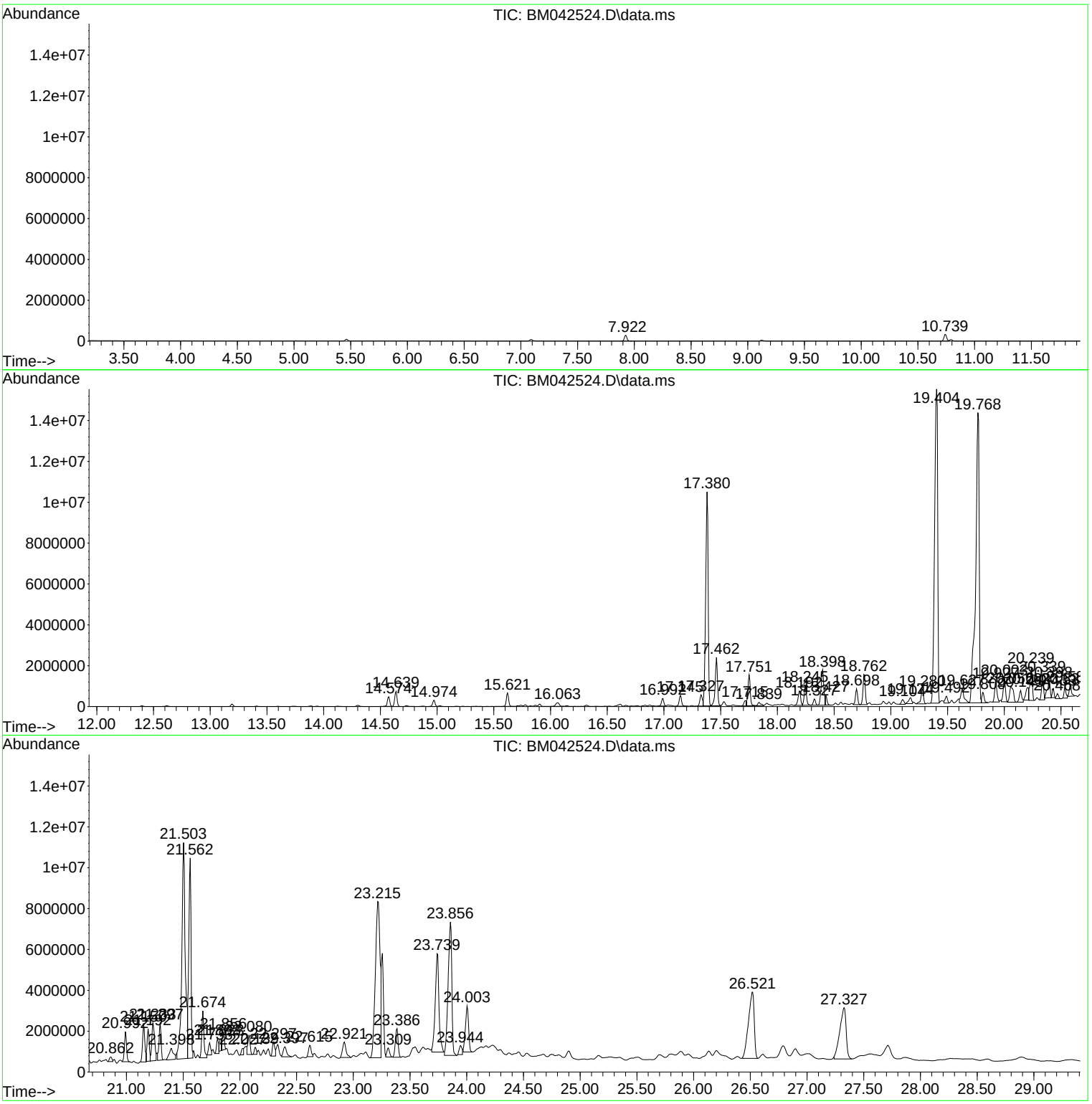
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042524.D
Acq On : 31 Oct 2023 23:12
Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

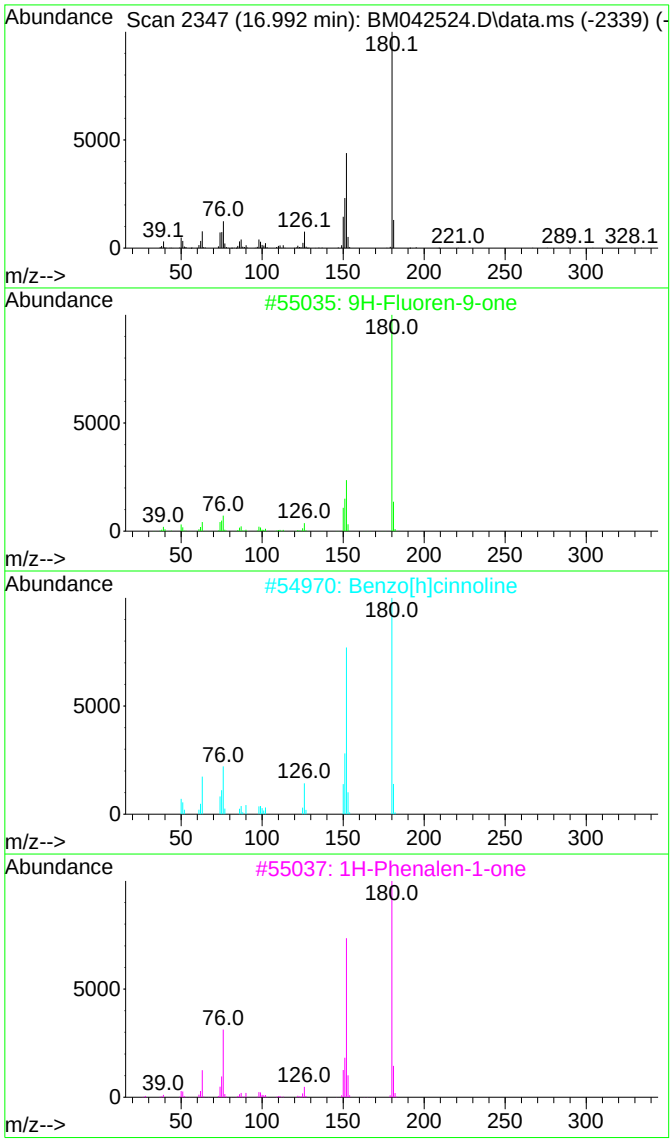
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

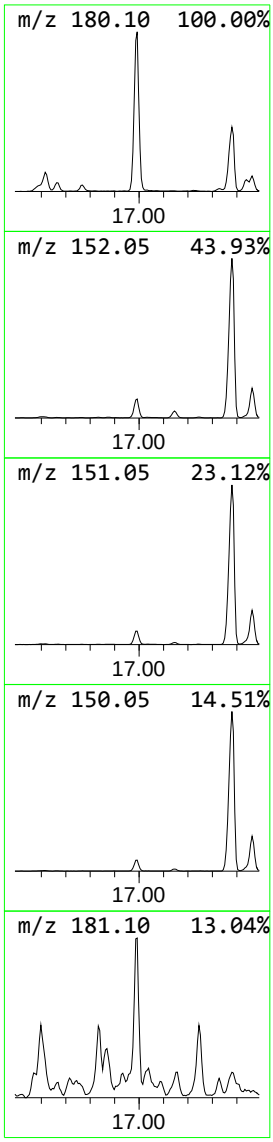
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.992	12.80 ng	537616	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	50
5	Phenazine	180	C12H8N2	000092-82-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042524.D
Acq On : 31 Oct 2023 23:12
Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

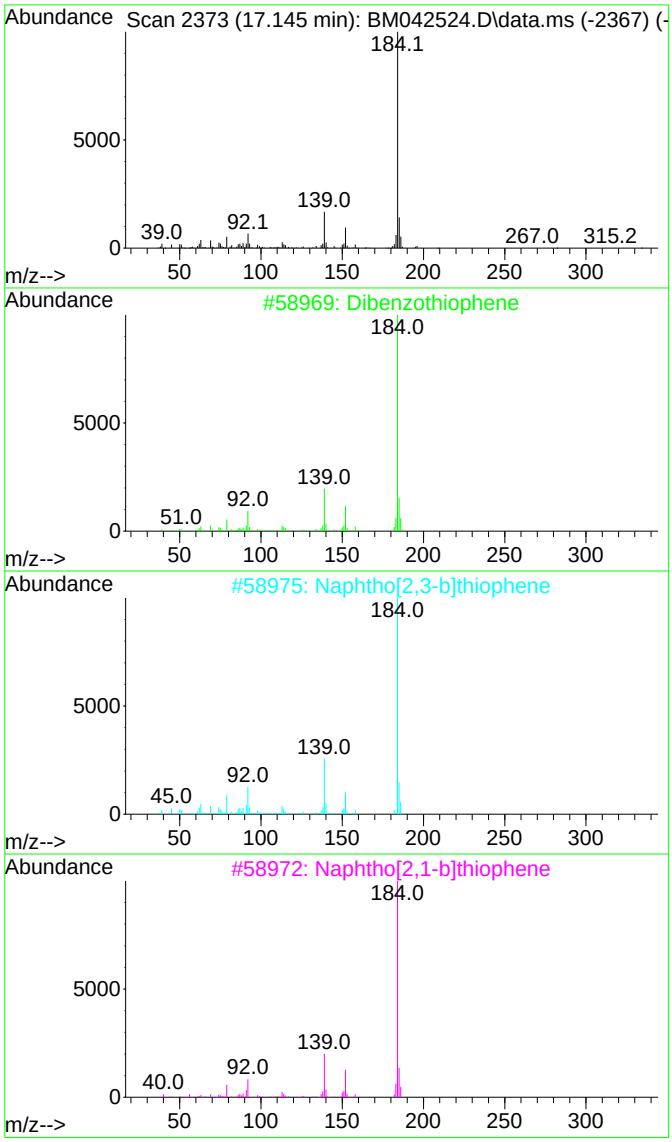
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

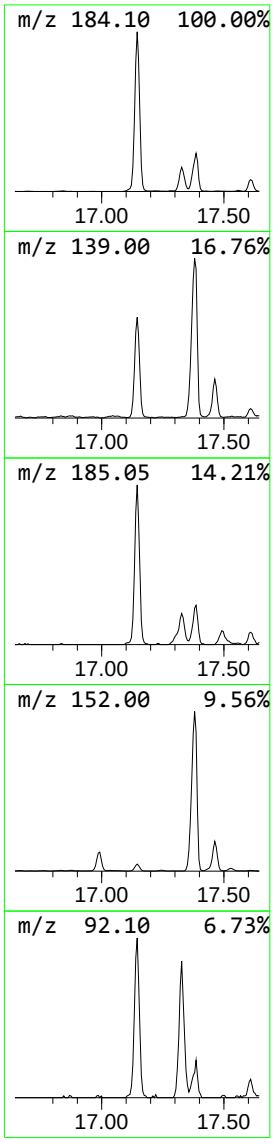
****

Peak Number 2 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.145	18.05 ng	757973	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042524.D
Acq On : 31 Oct 2023 23:12
Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

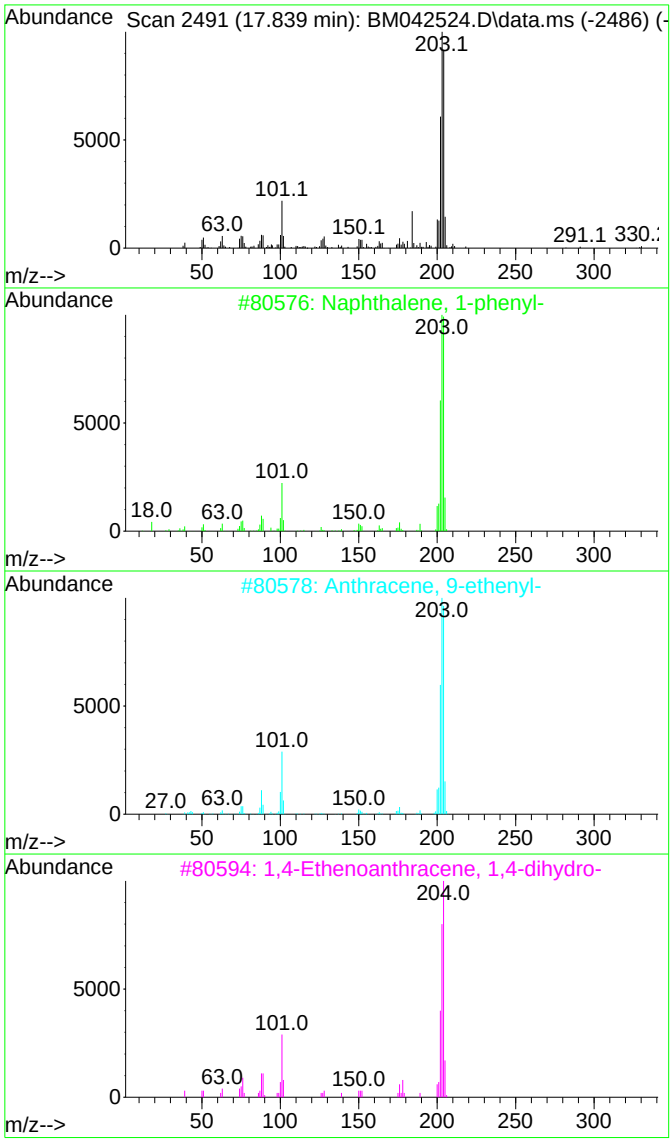
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

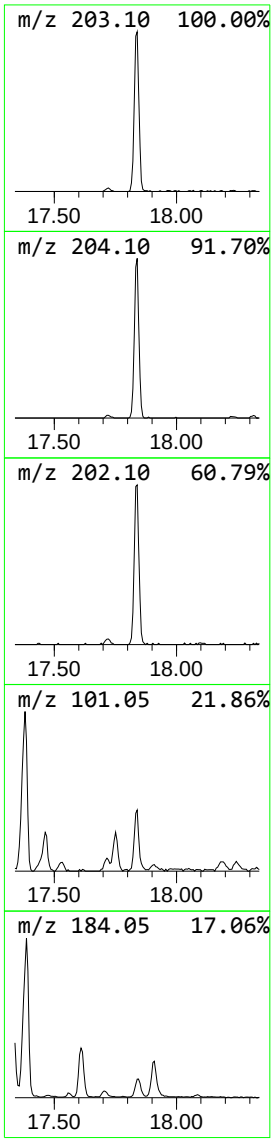
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	7.60 ng	319204	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	97
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	89
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042524.D
Acq On : 31 Oct 2023 23:12
Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

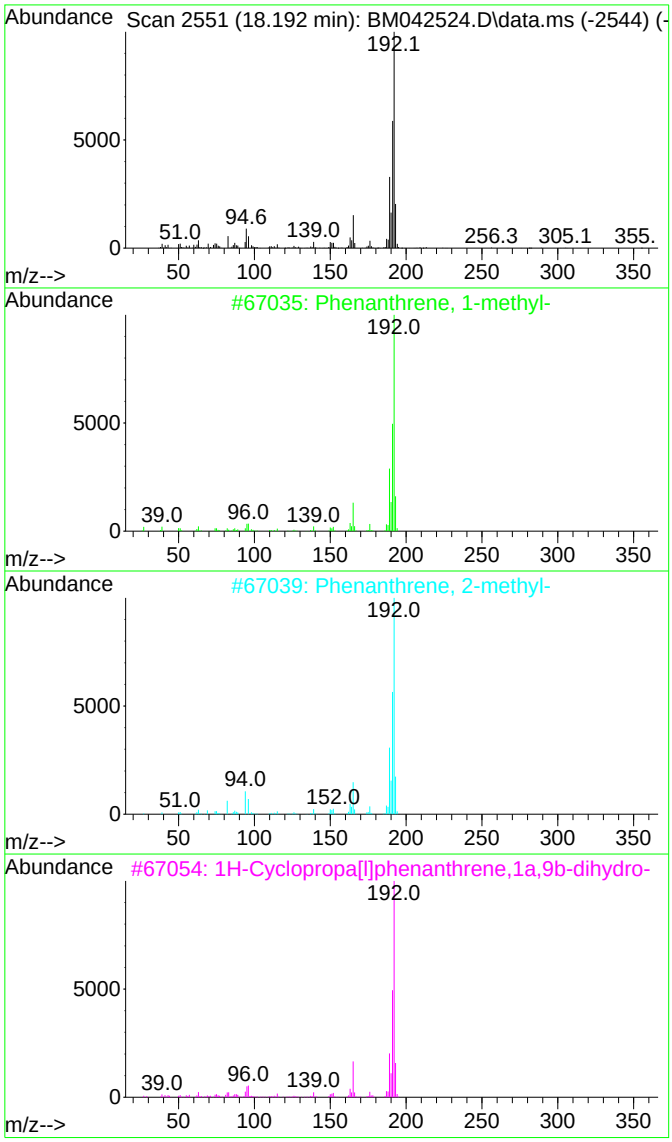
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

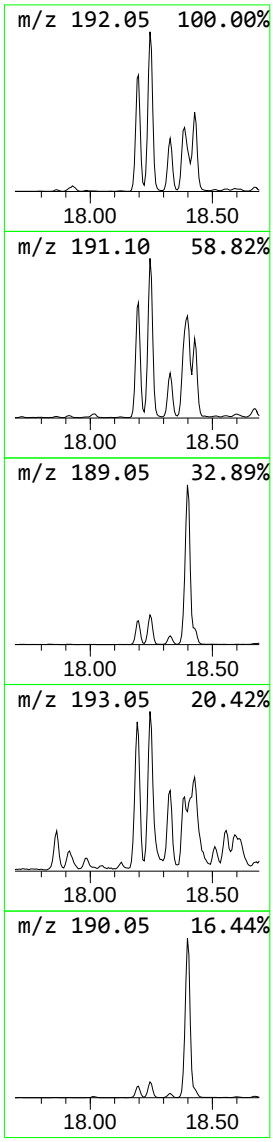
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	26.67 ng	1120220	Phenanthrene-d10	17.327

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042524.D
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Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

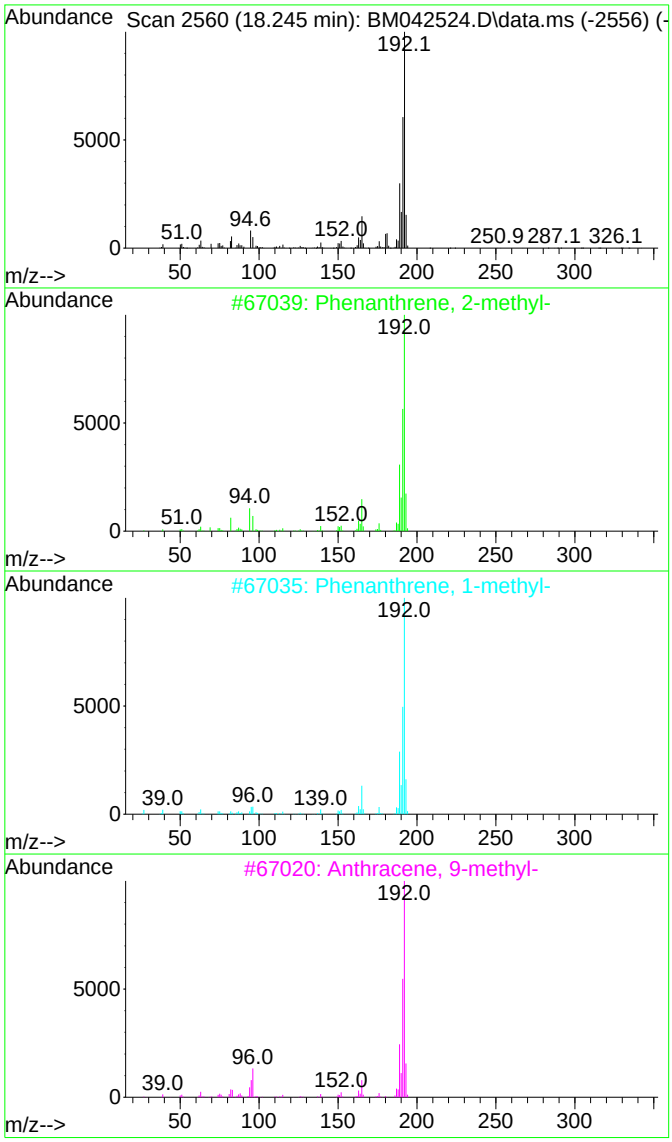
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

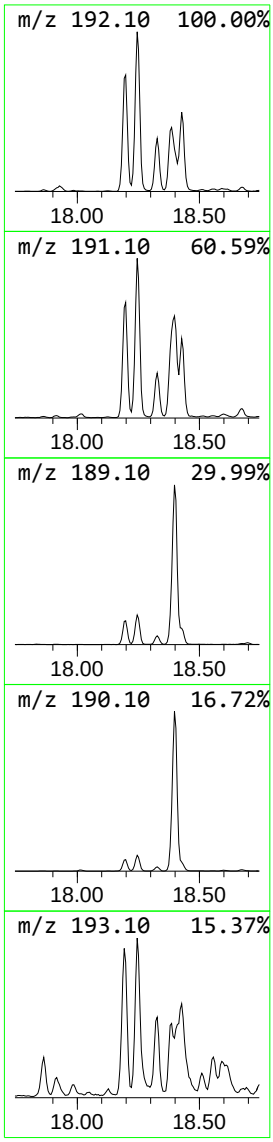
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	32.64 ng	1370820	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042524.D
Acq On : 31 Oct 2023 23:12
Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

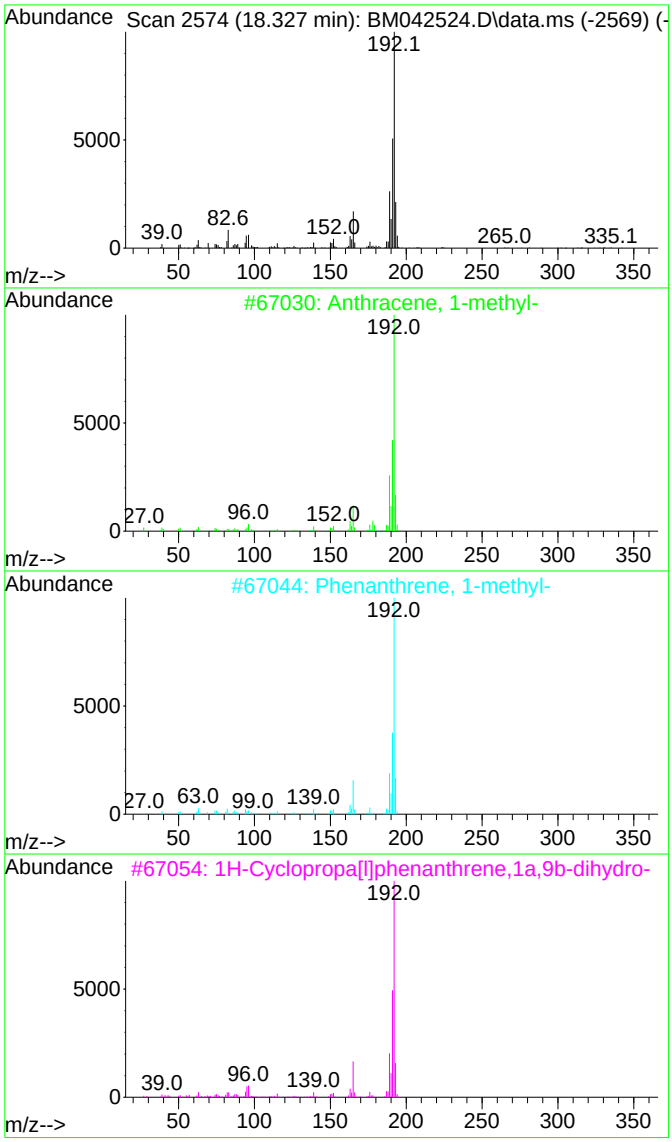
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

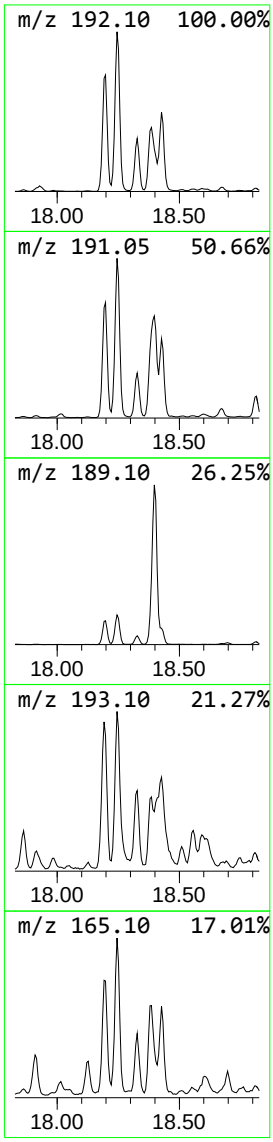
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	9.93 ng	417154	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042524.D
Acq On : 31 Oct 2023 23:12
Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

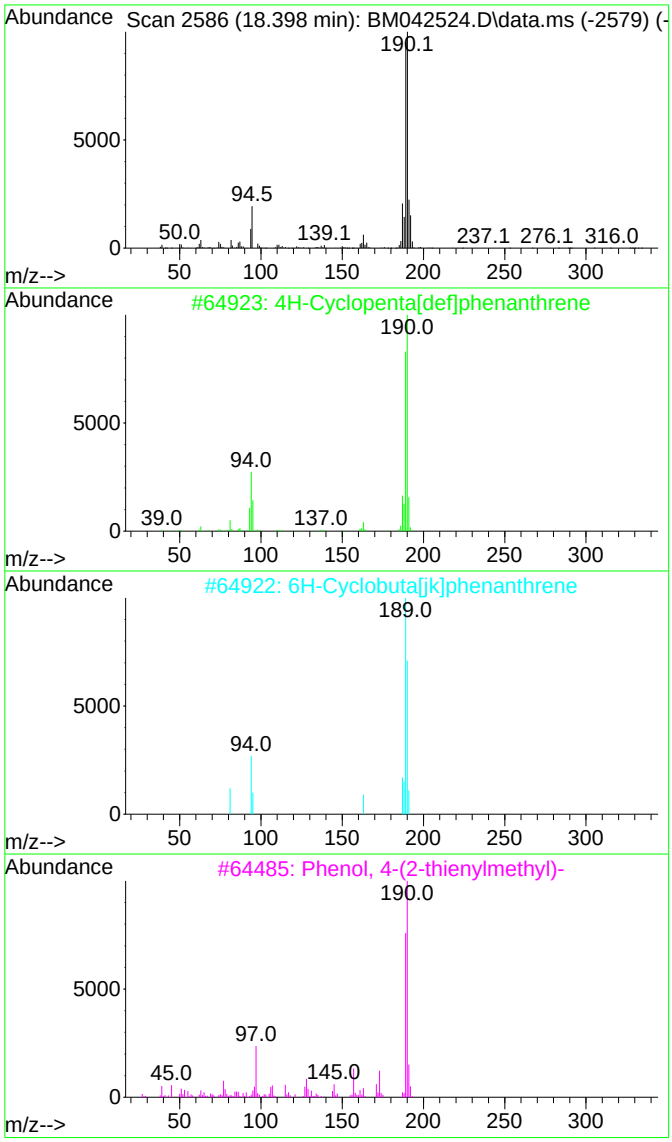
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

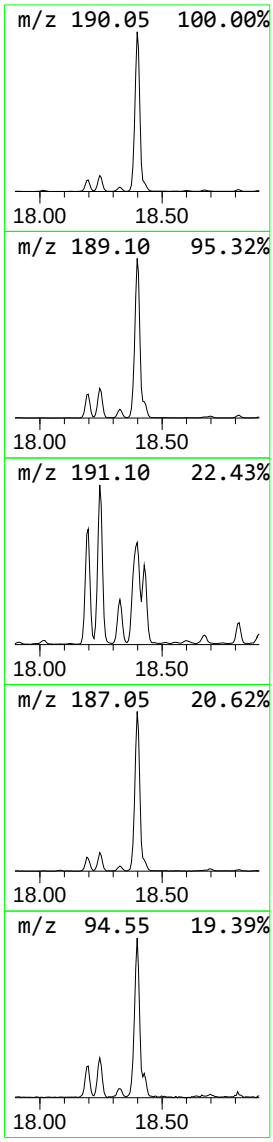
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	69.08 ng	2901500	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45





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Acq On : 31 Oct 2023 23:12
Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
A-8(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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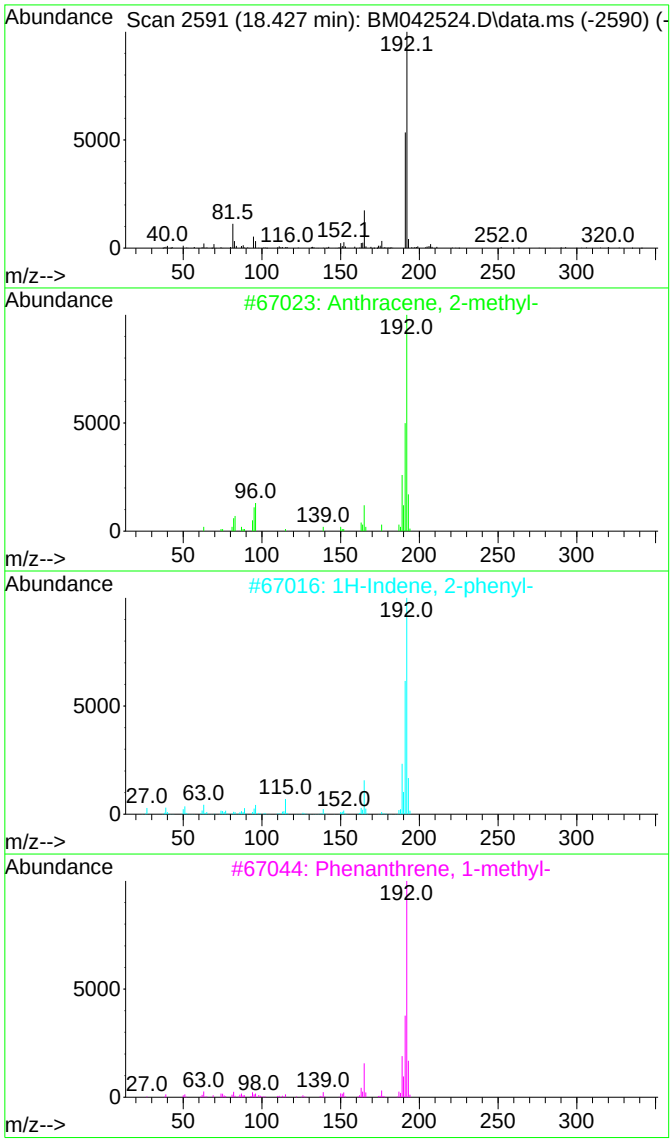
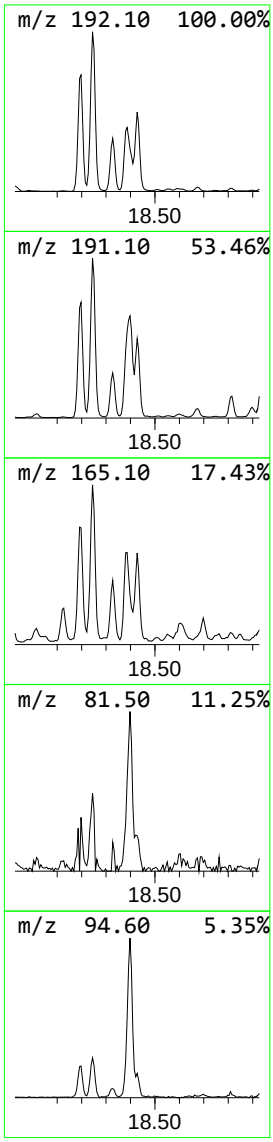
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	10.14 ng	425856	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	72
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72





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Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

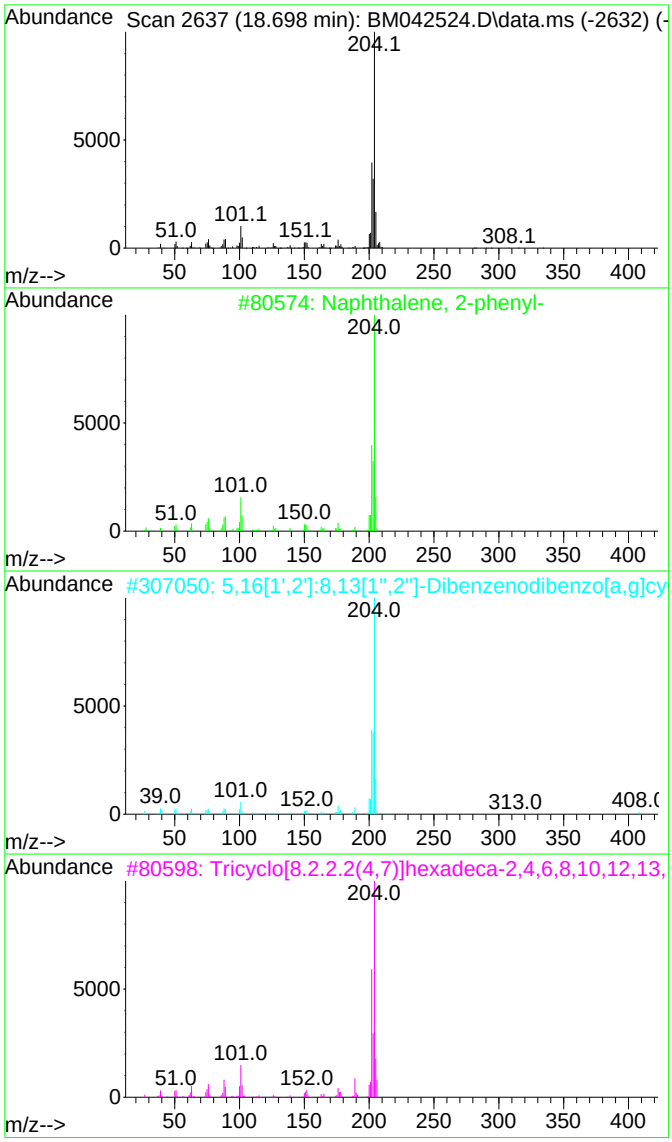
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

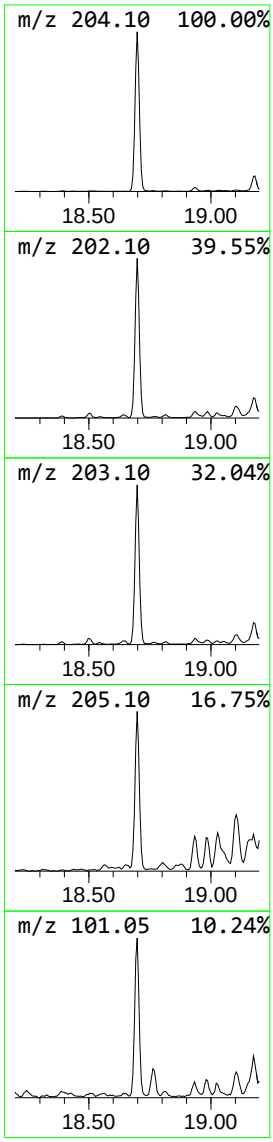
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	23.96 ng	1006360	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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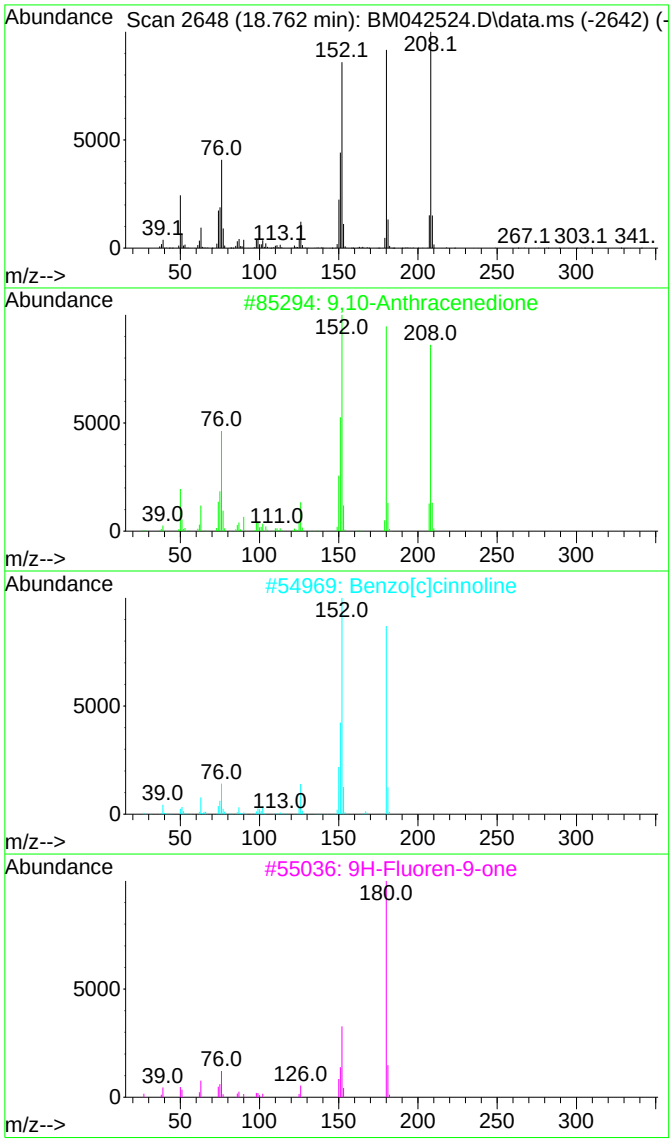
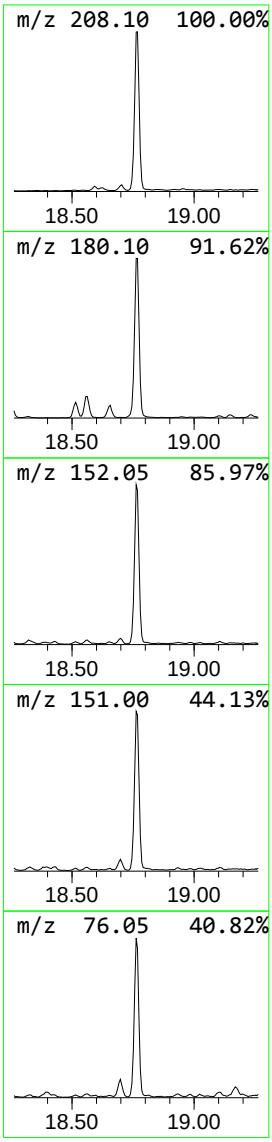
Peak Number 10 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.762	47.38 ng	1990030	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	92
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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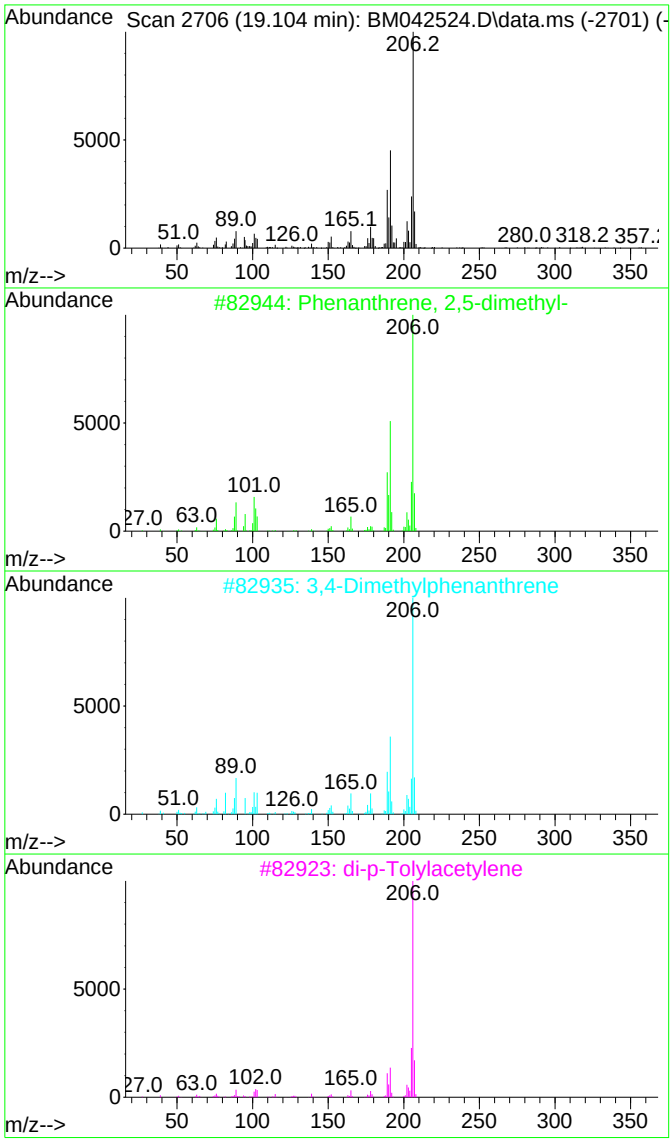
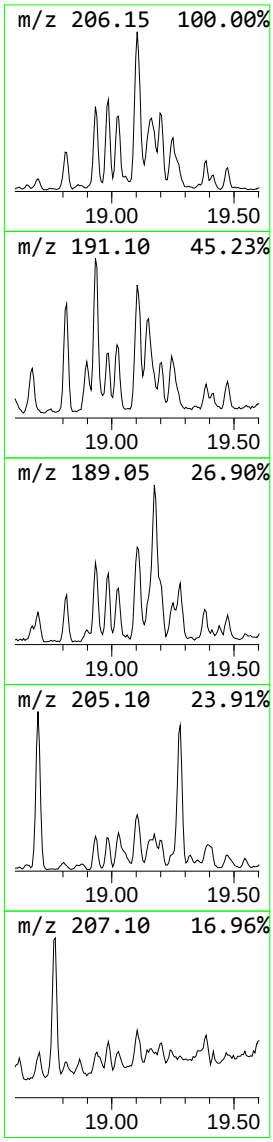
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	8.54 ng	358665	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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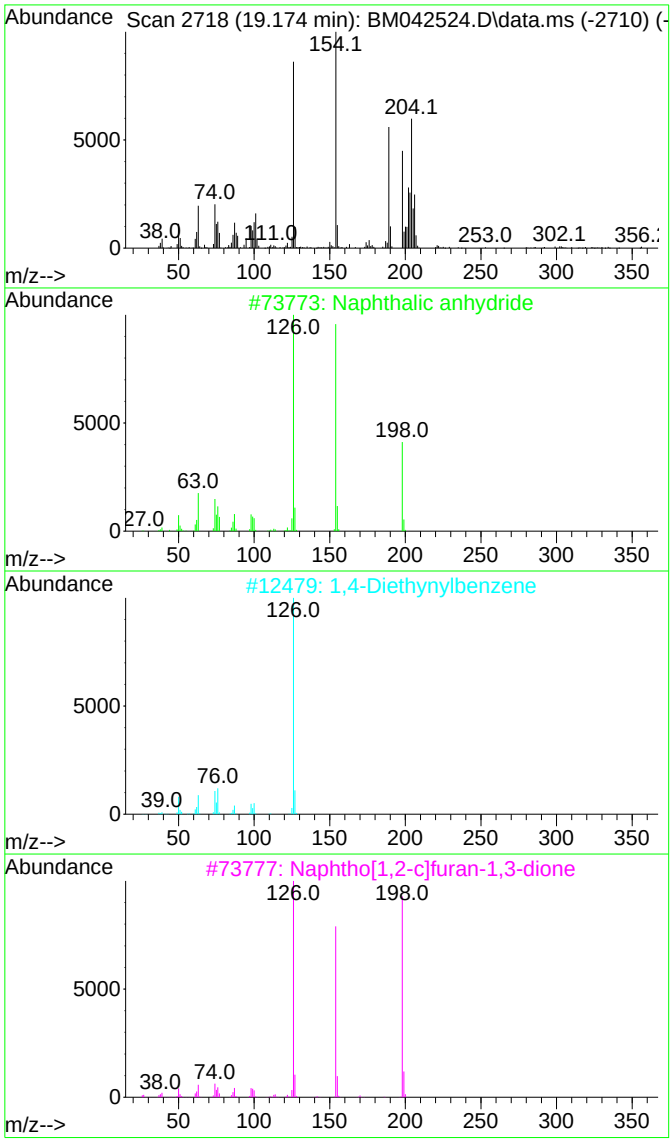
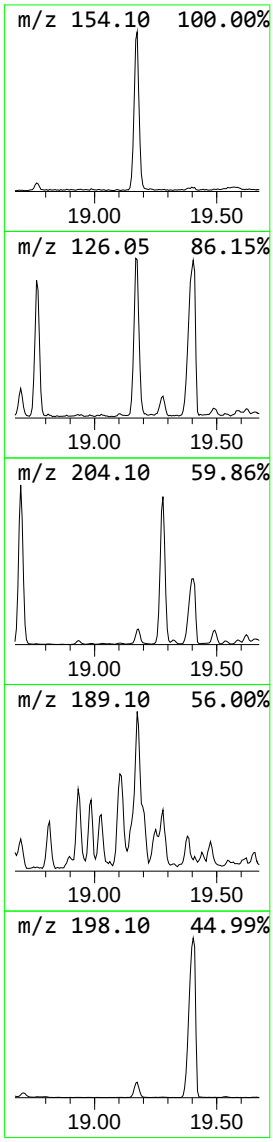
Peak Number 12 Naphthalic anhydride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.174	12.44 ng	522295	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	96
2	1,4-Diethynylbenzene	126	C10H6	000935-14-8	44
3	Naphtho[1,2-c]furan-1,3-dione	198	C12H6O3	005343-99-7	43
4	Bicyclo[4.1.0]hepta-1,3,5-triene...	126	C7H4F2	018238-55-6	15
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	14





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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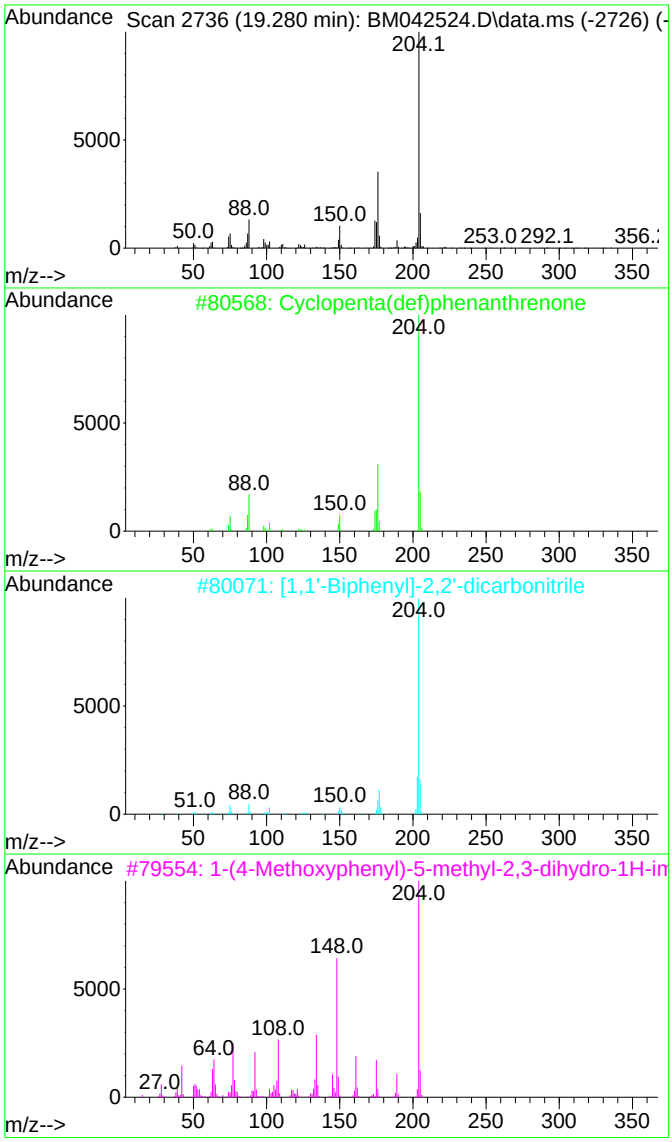
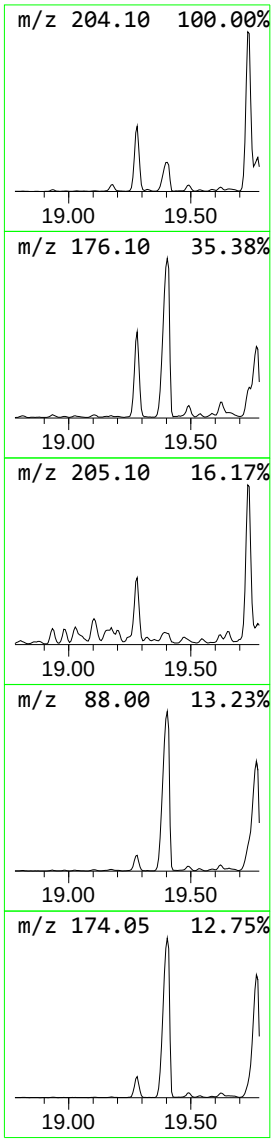
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.280	27.09 ng	1137650	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3	1-(4-Methoxyphenyl)-5-methyl-2,3...	204	C11H12N2O2	014058-90-3	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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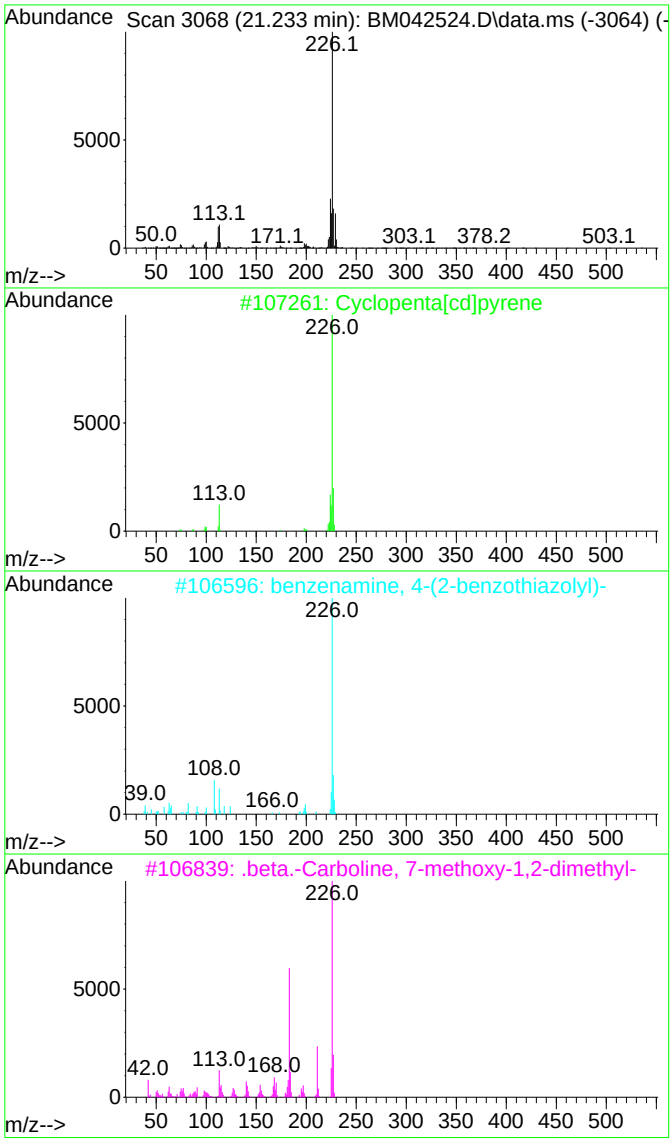
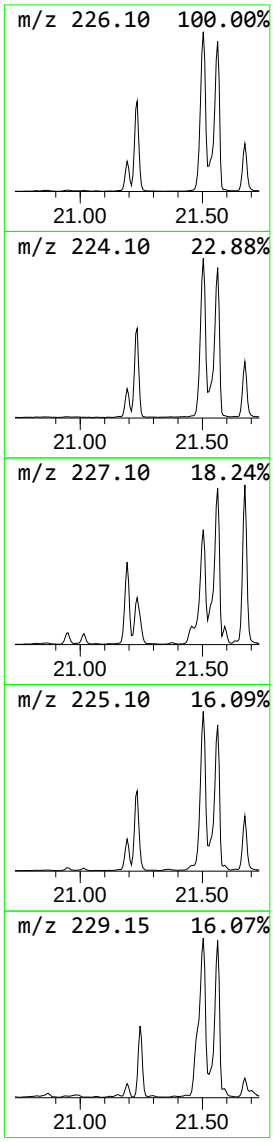
Peak Number 14 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	2.84 ng	3241470	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	68
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	52
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	40





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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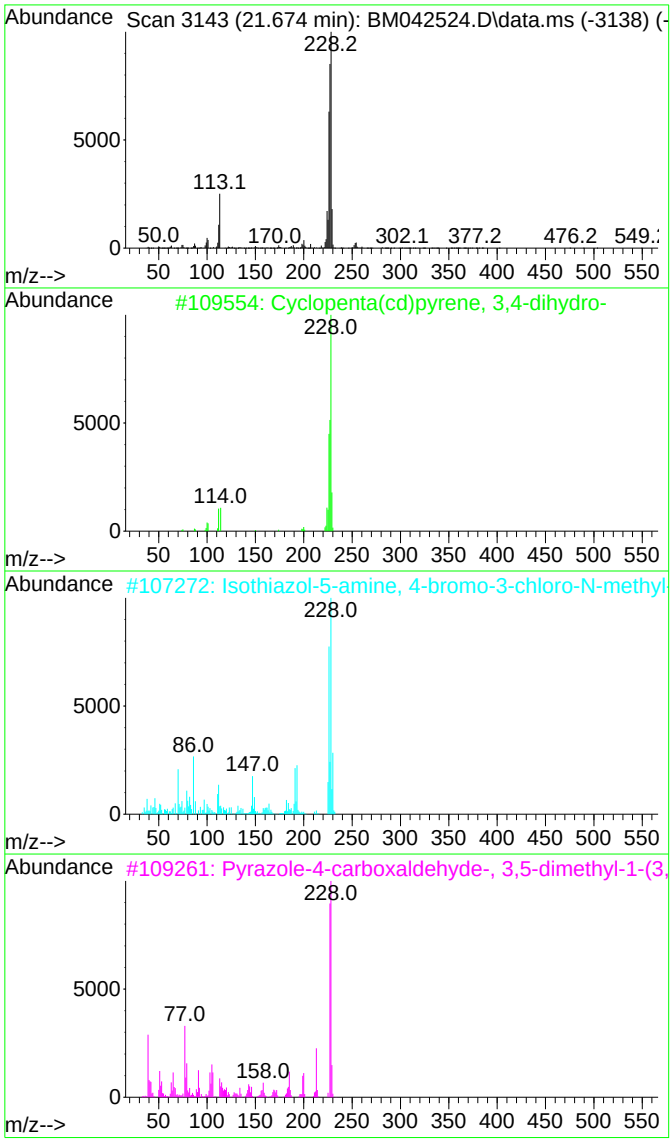
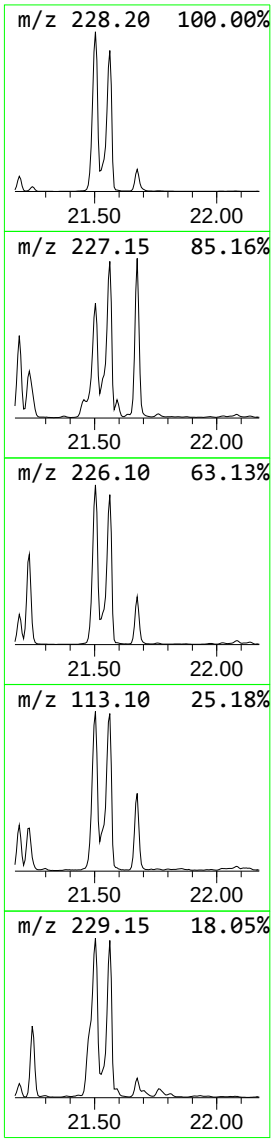
****
Peak Number 15 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.674	2.68 ng	3061260	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
5	Benz[a]anthracene	228	C18H12	000056-55-3	45





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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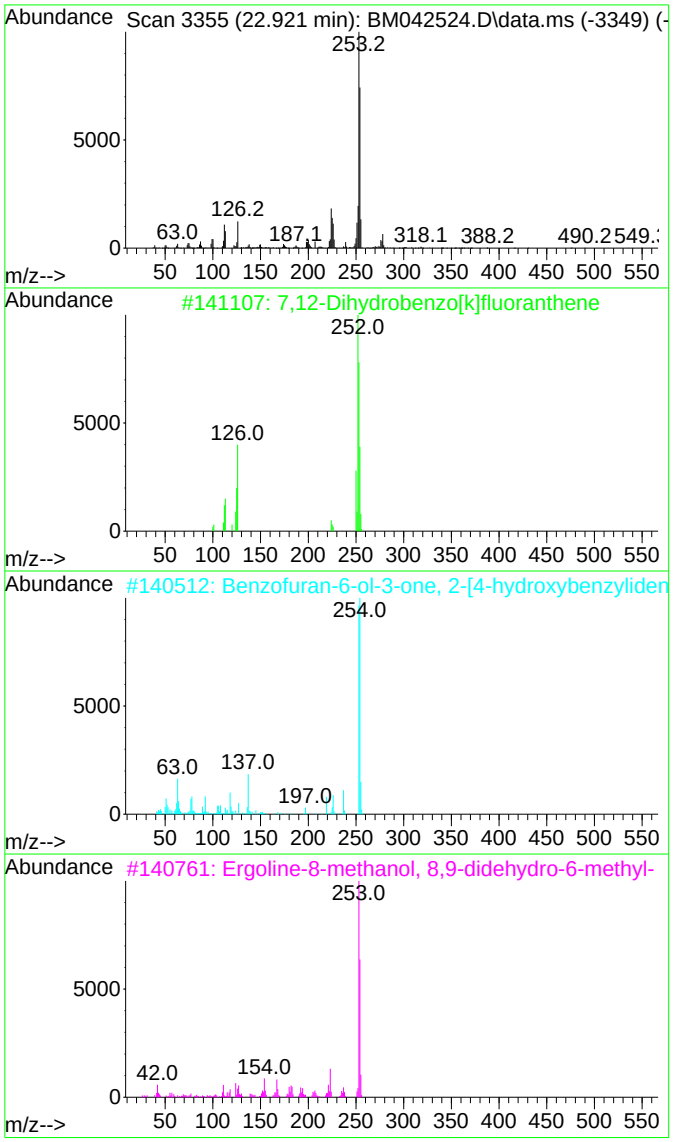
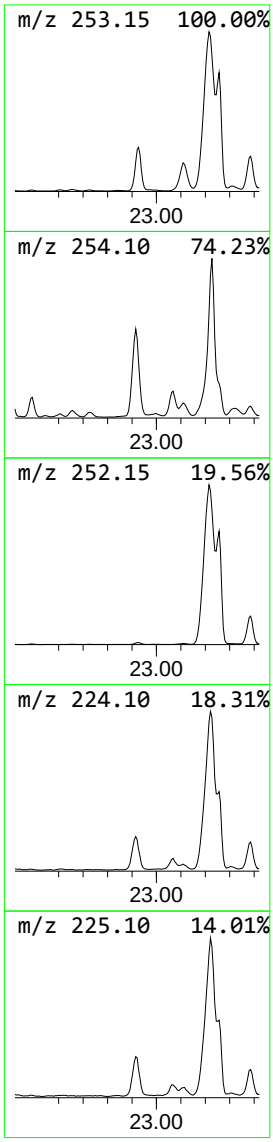
****
Peak Number 16 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.921	42.58 ng	1622850	Perylene-d12	23.944

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
2	Benzofuran-6-ol-3-one, 2-[4-hydr...	254	C15H10O4	1000128-64-9	59
3	Ergoline-8-methanol, 8,9-didehyd...	254	C16H18N2O	000548-43-6	59
4	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	59
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	59





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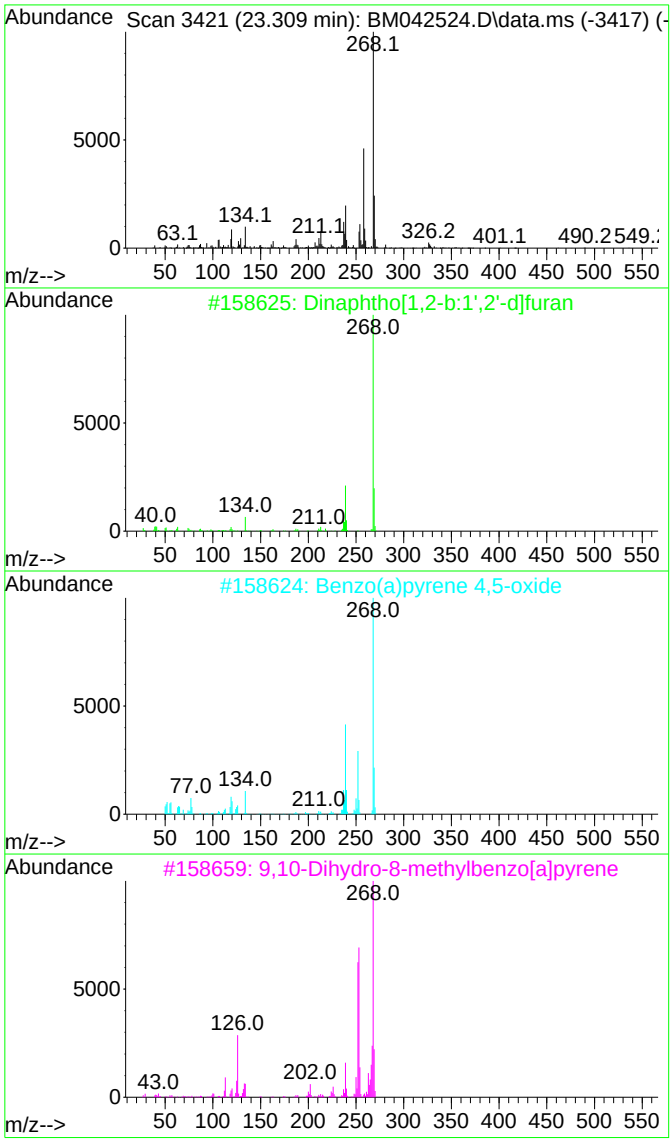
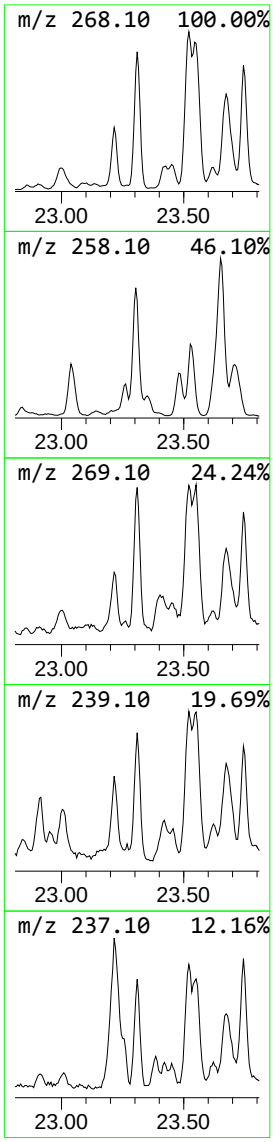
Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.309	18.68 ng	711967	Perylene-d12	23.944

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	49
3	9,10-Dihydro-8-methylbenzo[a]pyrene	268	C21H16	089524-72-1	47
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	46
5	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	43





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ClientSampleId :
A-8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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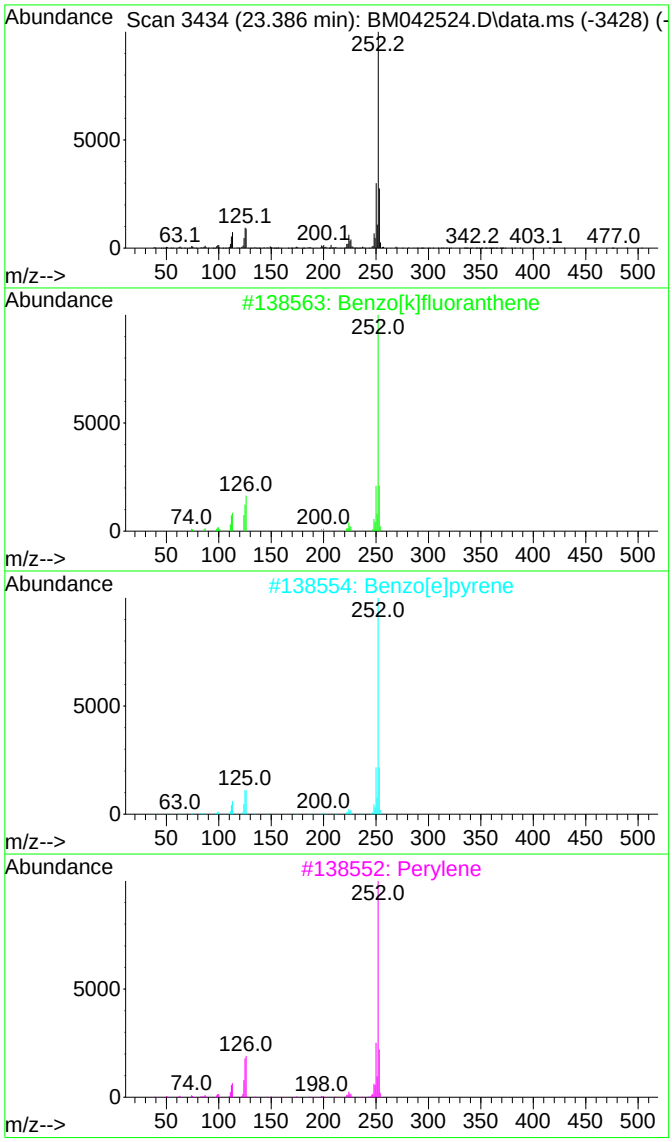
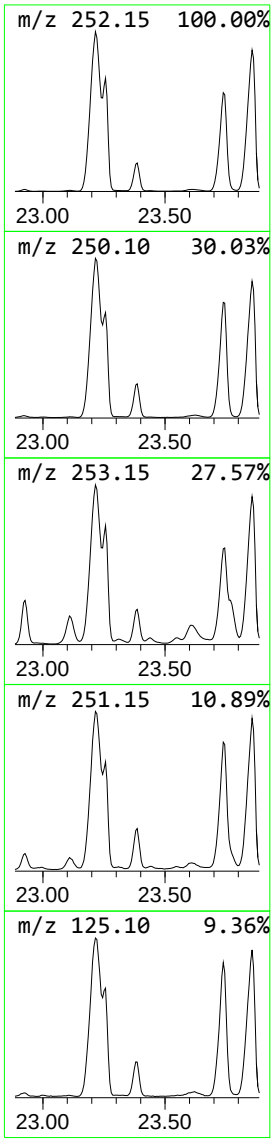
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.386	61.95 ng	2361030	Perylene-d12	23.944

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042524.D
Acq On : 31 Oct 2023 23:12
Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

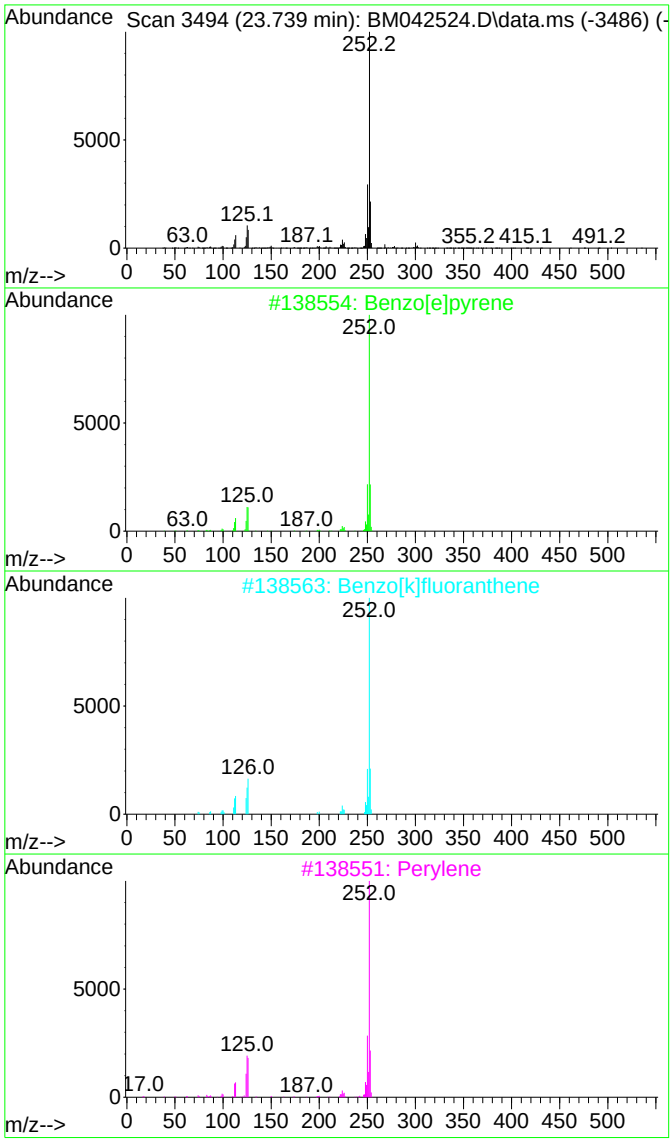
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

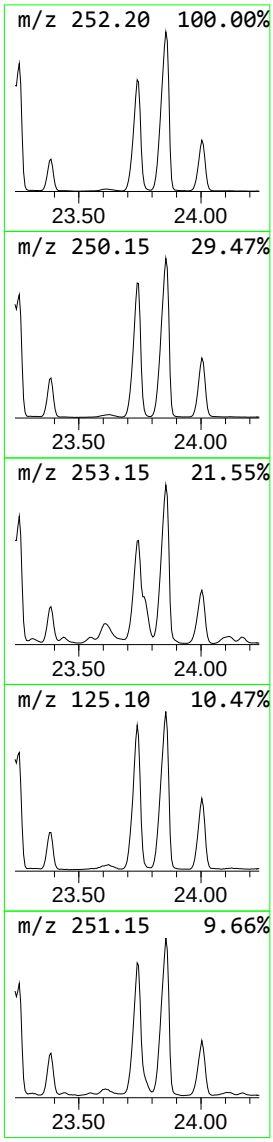
****

Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.738	287.03 ng	10939500	Perylene-d12	23.944

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042524.D
Acq On : 31 Oct 2023 23:12
Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

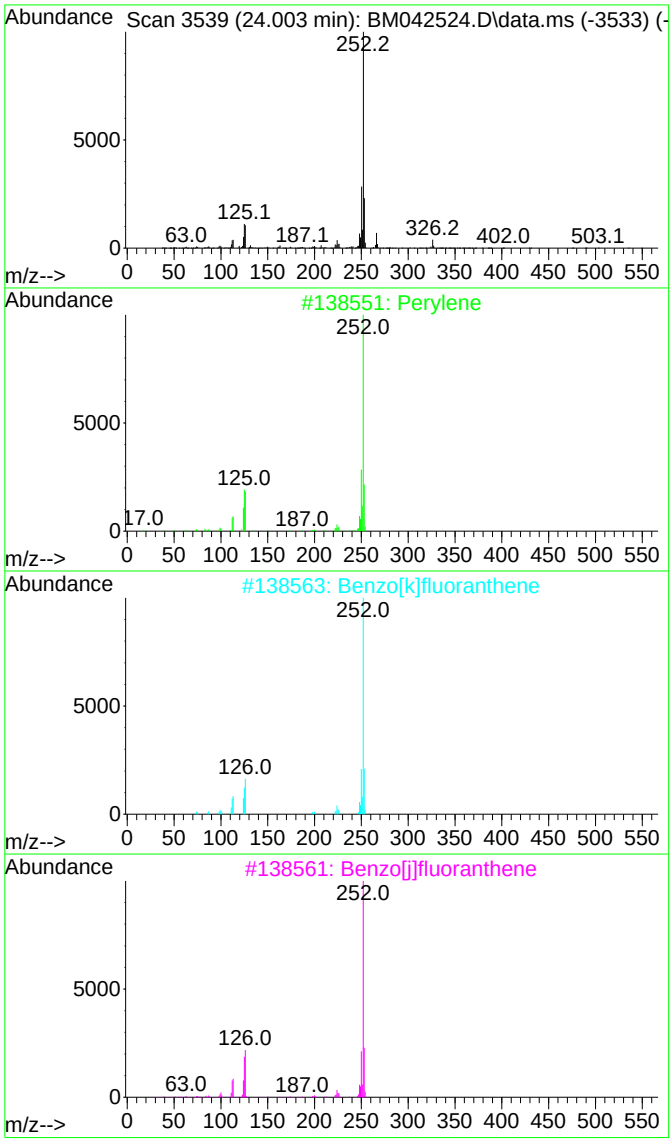
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

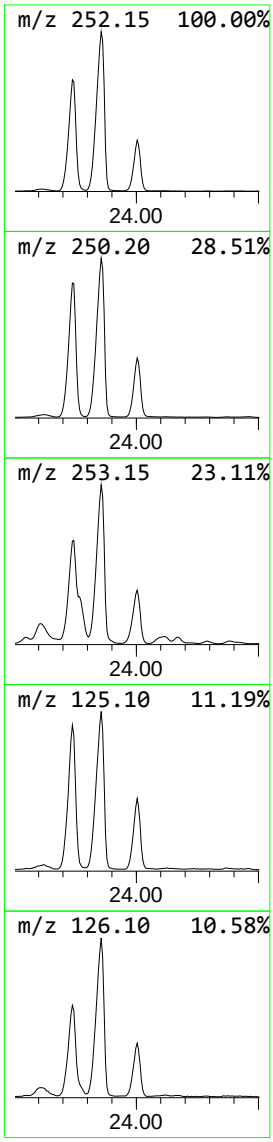
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.003	112.90 ng	4302900	Perylene-d12	23.944

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[e]pyrene	252	C20H12	000192-97-2	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042524.D
Acq On : 31 Oct 2023 23:12
Operator : MA/JU
Sample : 04938-15 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A-8(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
9H-Fluoren-9-one	16.992	12.8	ng	537616	4	17.327	839999	20.0
Dibenzothiophene	17.145	18.1	ng	757973	4	17.327	839999	20.0
Naphthalene, 1-...	17.839	7.6	ng	319204	4	17.327	839999	20.0
Phenanthrene, 1...	18.192	26.7	ng	1120220	4	17.327	839999	20.0
Phenanthrene, 2...	18.245	32.6	ng	1370820	4	17.327	839999	20.0
Anthracene, 1-m...	18.327	9.9	ng	417154	4	17.327	839999	20.0
4H-Cyclopenta[d...	18.398	69.1	ng	2901500	4	17.327	839999	20.0
Anthracene, 2-m...	18.427	10.1	ng	425856	4	17.327	839999	20.0
Naphthalene, 2-...	18.698	24.0	ng	1006360	4	17.327	839999	20.0
9,10-Anthracene...	18.762	47.4	ng	1990030	4	17.327	839999	20.0
Phenanthrene, 2...	19.104	8.5	ng	358665	4	17.327	839999	20.0
Naphthalic anhy...	19.174	12.4	ng	522295	4	17.327	839999	20.0
Cyclopenta(def)...	19.280	27.1	ng	1137650	4	17.327	839999	20.0
Cyclopenta[cd]p...	21.233	2.8	ng	3241470	5	21.515	22855700	20.0
Cyclopenta(cd)p...	21.674	2.7	ng	3061260	5	21.515	22855700	20.0
7,12-Dihydroben...	22.921	42.6	ng	1622850	6	23.944	762266	20.0
Dinaphtho[1,2-b...	23.309	18.7	ng	711967	6	23.944	762266	20.0
Benzo[e]pyrene	23.386	62.0	ng	2361030	6	23.944	762266	20.0
Perylene	23.738	287.0	ng	10939500	6	23.944	762266	20.0
Benzo[j]fluoran...	24.003	112.9	ng	4302900	6	23.944	762266	20.0