LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034353.D
Acq On : 23 Mar 2022 23:45
Operator : CG/JU
Sample : N1958-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-7-6-7

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-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034353.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.490	377	383	390	rBV	500340	763100	7.46%	0.900%
2	7.096	649	656	665	rBV	471479	785804	7.68%	0.927%
3	7.937	792	799	808	rBV	651288	1043994	10.20%	1.231%
4	9.096	989	996	1007	rBV	280098	505987	4.94%	0.597%
5	10.748	1268	1277	1283	rBV	818241	1395824	13.64%	1.646%
6	10.801	1283	1286	1292	rVB	82710	129372	1.26%	0.153%
7	13.207	1688	1695	1702	rBV	736336	1131166	11.05%	1.334%
8	14.301	1875	1881	1888	rBV	62336	103792	1.01%	0.122%
9	14.578	1921	1928	1934	rBV	1164427	1685346	16.47%	1.988%
10	14.642	1934	1939	1947	rVB	151236	230403	2.25%	0.272%
11	14.978	1990	1996	2003	rVB	81232	129096	1.26%	0.152%
12	15.625	2099	2106	2110	rBV2	138108	220128	2.15%	0.260%
13	15.919	2151	2156	2165	rVB	83300	147203	1.44%	0.174%
14	16.060	2173	2180	2189	rBV2	611151	959382	9.37%	1.132%
15	16.630	2266	2277	2281	rBV5	69936	174574	1.71%	0.206%
16	16.854	2307	2315	2319	rBV3	84001	179615	1.75%	0.212%
17	16.972	2331	2335	2343	rVB3	78879	137993	1.35%	0.163%
18	17.048	2343	2348	2356	rBV4	84781	206666	2.02%	0.244%
19	17.136	2359	2363	2373	rVB	133767	226221	2.21%	0.267%
20	17.319	2388	2394	2397	rBV	1299177	1820988	17.79%	2.148%
21	17.360	2397	2401	2408	rVV	2607414	3642116	35.58%	4.296%
22	17.454	2412	2417	2422	rVV	696342	1002857	9.80%	1.183%
23	17.507	2422	2426	2432	rVV3	71460	124324	1.21%	0.147%
24	17.719	2458	2462	2466	rBV	83590	117605	1.15%	0.139%
25	17.842	2479	2483	2487	rVB	81276	112258	1.10%	0.132%
26	18.195	2538	2543	2548	rBV	379332	665040	6.50%	0.784%
27	18.242	2548	2551	2558	rVB	532092	772108	7.54%	0.911%
28	18.324	2560	2565	2570	rBV	255975	364622	3.56%	0.430%
29	18.395	2570	2577	2580	rVV2	620808	1125014	10.99%	1.327%
30	18.424	2580	2582	2589	rVB	255075	353010	3.45%	0.416%
31	18.695	2623	2628	2631	rBV	301764	403870	3.95%	0.476%
32	18.736	2631	2635	2643	rVB	220695	324731	3.17%	0.383%
33	18.942	2667	2670	2674	rVV	112023	123902	1.21%	0.146%
34	18.989	2675	2678	2681	rVV	103087	128180	1.25%	0.151%
35	19.030	2682	2685	2689	rVB	112056	140444	1.37%	0.166%
36	19.113	2694	2699	2703	rBV	277541	482296	4.71%	0.569%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034353.D
Acq On : 23 Mar 2022 23:45
Operator : CG/JU
Sample : N1958-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-7-6-7

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-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.248	2718	2722	2731	rBV	313831	495206	4.84%	0.584%
38	19.377	2738	2744	2751	rBV	7544102	9857797	96.31%	11.628%
39	19.436	2751	2754	2757	rVV2	105092	126137	1.23%	0.149%
40	19.477	2757	2761	2766	rVV3	121540	206696	2.02%	0.244%
41	19.618	2781	2785	2789	rVB	219636	257300	2.51%	0.303%
42	19.736	2795	2805	2813	rBV	6322370	10235323	100.00%	12.073%
43	19.807	2813	2817	2824	rVB2	275492	455370	4.45%	0.537%
44	19.936	2831	2839	2842	rBV2	1183888	1797267	17.56%	2.120%
45	19.971	2842	2845	2850	rVB	264545	387809	3.79%	0.457%
46	20.054	2854	2859	2861	rBV2	332643	567612	5.55%	0.670%
47	20.189	2879	2882	2885	rBV3	189578	315205	3.08%	0.372%
48	20.230	2885	2889	2894	rVB	545209	768882	7.51%	0.907%
49	20.330	2902	2906	2909	rBV2	283731	349109	3.41%	0.412%
50	20.383	2910	2915	2920	rVV2	470769	824695	8.06%	0.973%
51	20.424	2920	2922	2926	rVB	138790	159607	1.56%	0.188%
52	20.524	2936	2939	2943	rBV	256762	324367	3.17%	0.383%
53	20.571	2944	2947	2951	rVB2	254073	328143	3.21%	0.387%
54	20.971	3011	3015	3021	rBV	560773	779727	7.62%	0.920%
55	21.136	3038	3043	3047	rBV2	439497	820793	8.02%	0.968%
56	21.177	3047	3050	3053	rVV	521806	724980	7.08%	0.855%
57	21.218	3054	3057	3061	rVV2	561301	933647	9.12%	1.101%
58	21.265	3062	3065	3072	rVB2	582355	845969	8.27%	0.998%
59	21.477	3097	3101	3107	rBV2	3846992	7014154	68.53%	8.274%
60	21.530	3107	3110	3120	rVB	2947044	3956882	38.66%	4.667%
61	21.654	3127	3131	3136	rBV	538511	723956	7.07%	0.854%
62	23.177	3383	3390	3395	rBV	2418787	6083300	59.43%	7.176%
63	23.359	3418	3421	3431	rVB	479931	775969	7.58%	0.915%
64	23.701	3473	3479	3488	rVB	1486710	3227737	31.54%	3.807%
65	23.801	3490	3496	3505	rBV	2187314	4455368	43.53%	5.255%
66	23.906	3509	3514	3519	rBV2	926488	1802186	17.61%	2.126%
67	26.430	3937	3943	3956	rVB2	1157447	3317848	32.42%	3.914%

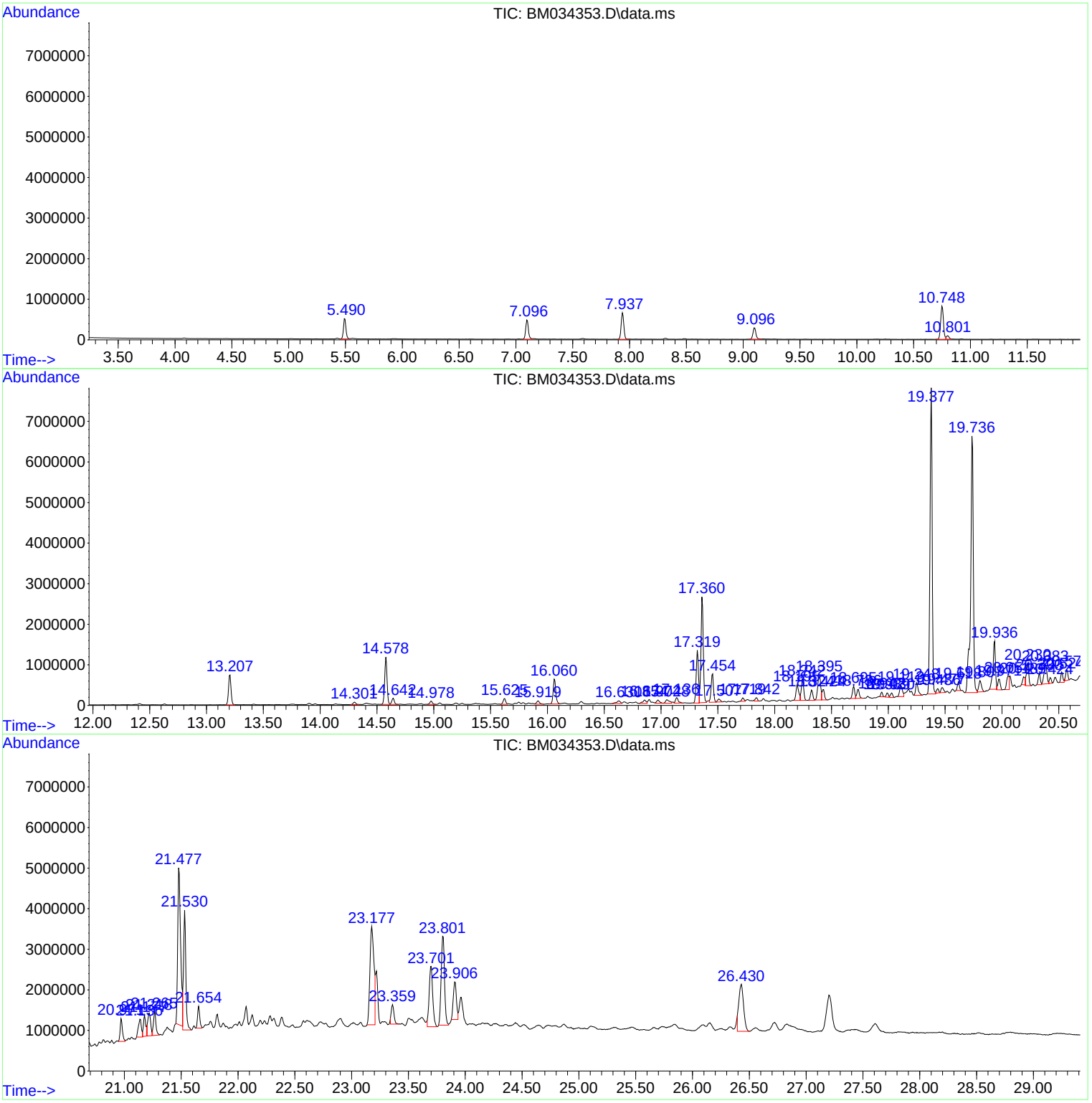
Sum of corrected areas: 84778072

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034353.D
Acq On : 23 Mar 2022 23:45
Operator : CG/JU
Sample : N1958-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-7-6-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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\BM032322\
Data File : BM034353.D
Acq On : 23 Mar 2022 23:45
Operator : CG/JU
Sample : N1958-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-7-6-7

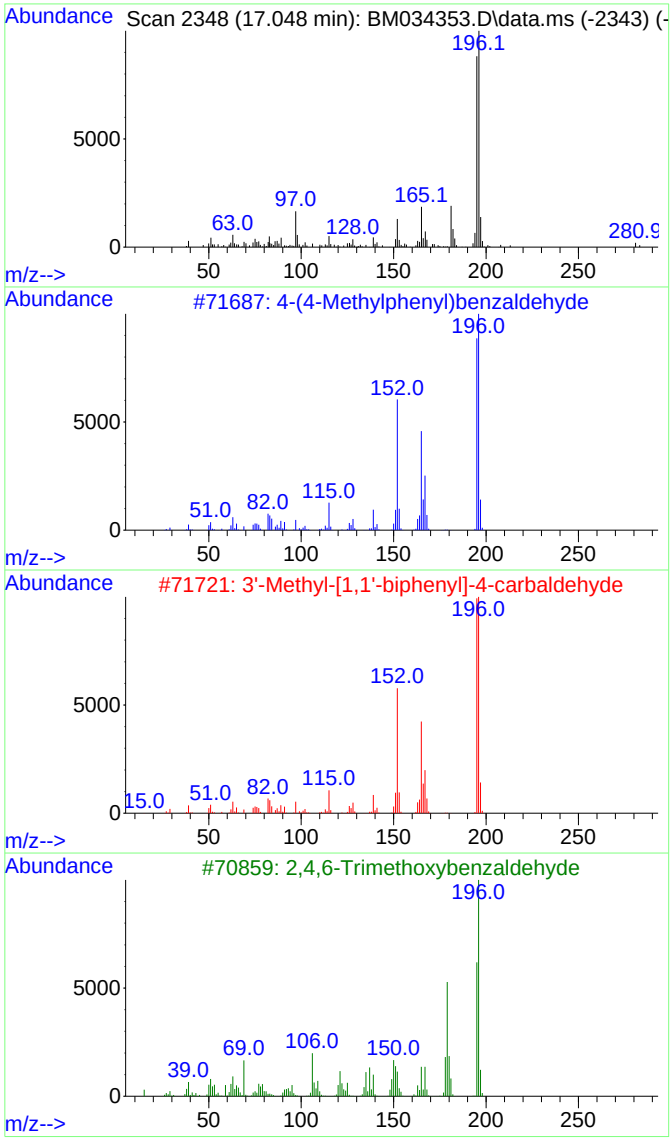
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

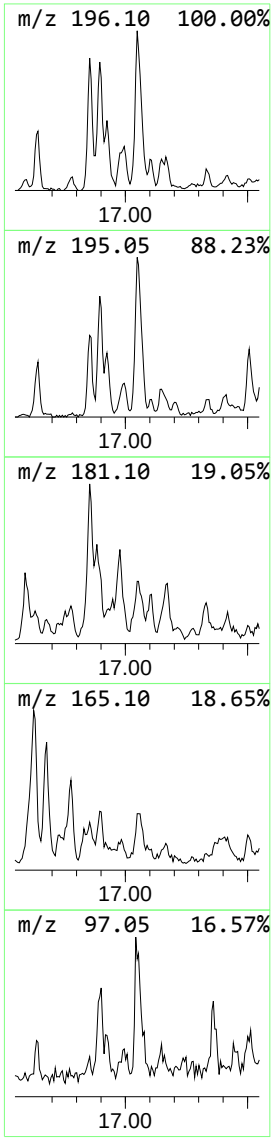
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4-(4-Methylphenyl)benzaldehyde Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.048	2.27 ng	206666	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	91
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	90
3	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	80
4	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	58
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034353.D
Acq On : 23 Mar 2022 23:45
Operator : CG/JU
Sample : N1958-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-7-6-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

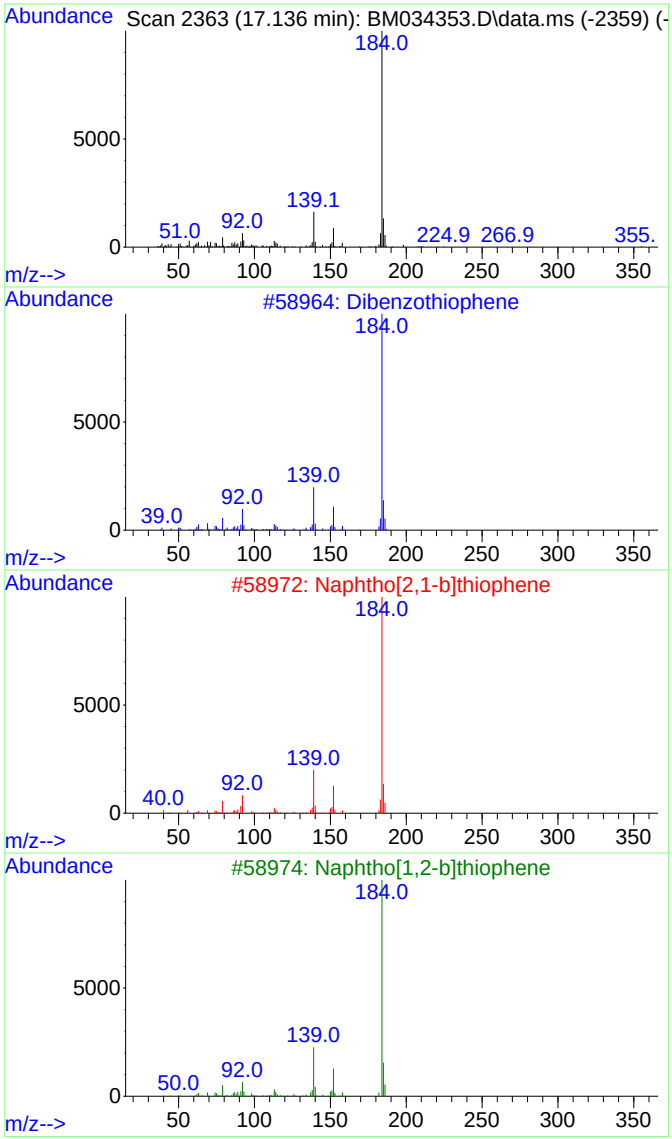
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

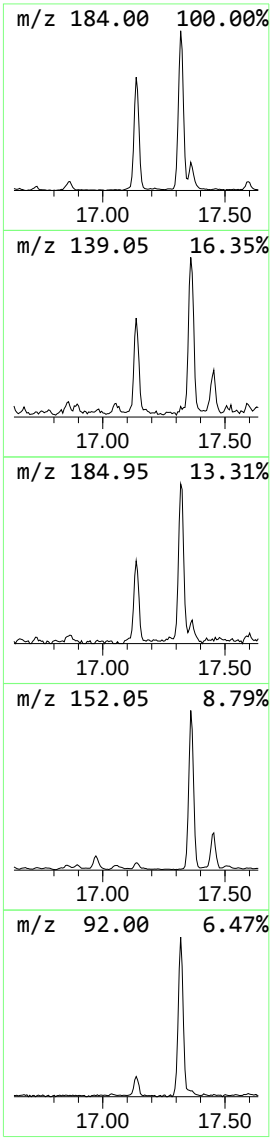
****

Peak Number 3 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.136	2.48 ng	226221	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034353.D
Acq On : 23 Mar 2022 23:45
Operator : CG/JU
Sample : N1958-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-7-6-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

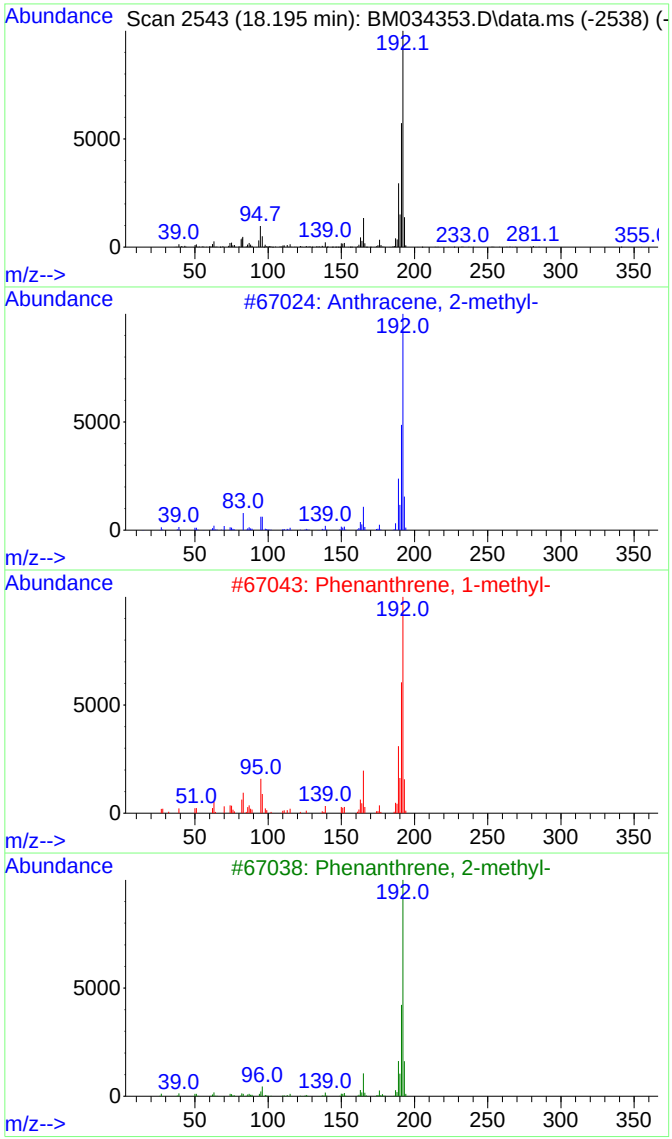
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

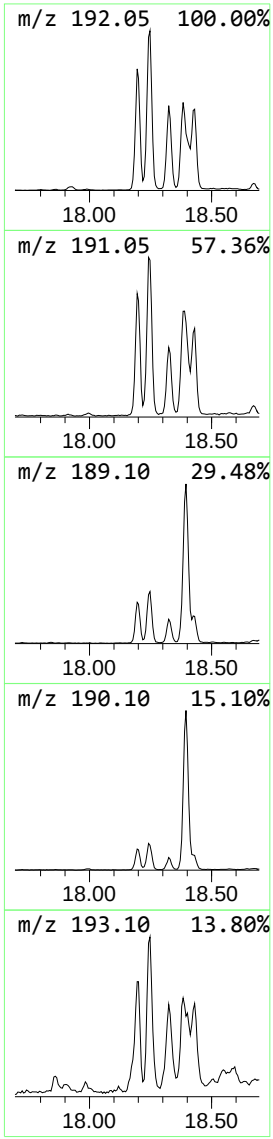
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.195	7.30 ng	665040	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034353.D
Acq On : 23 Mar 2022 23:45
Operator : CG/JU
Sample : N1958-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-7-6-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

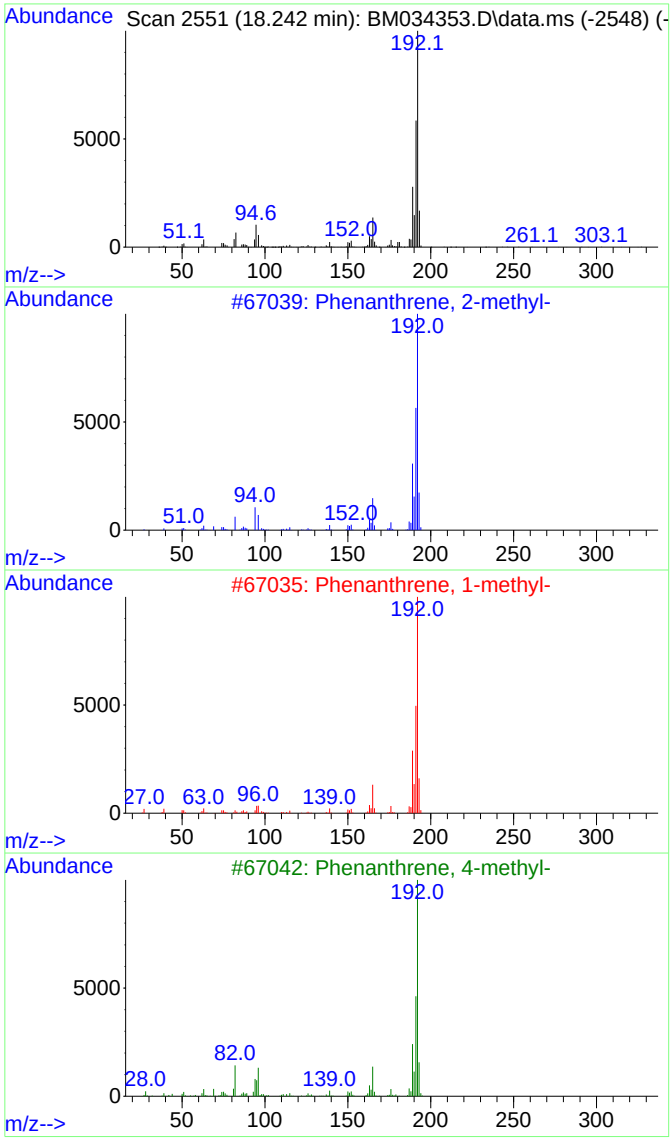
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

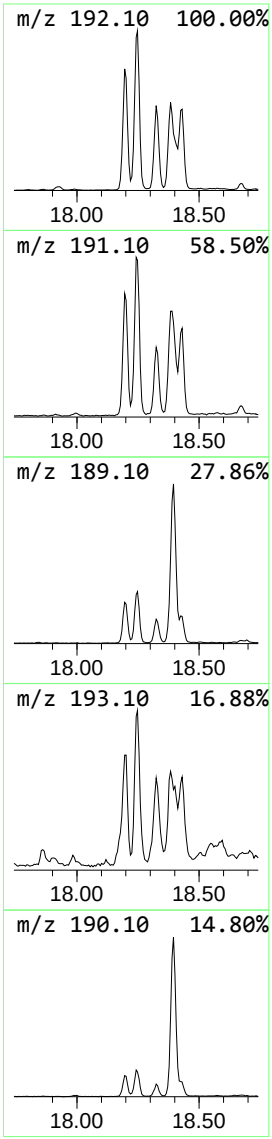
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.242	8.48 ng	772108	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034353.D
Acq On : 23 Mar 2022 23:45
Operator : CG/JU
Sample : N1958-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-7-6-7

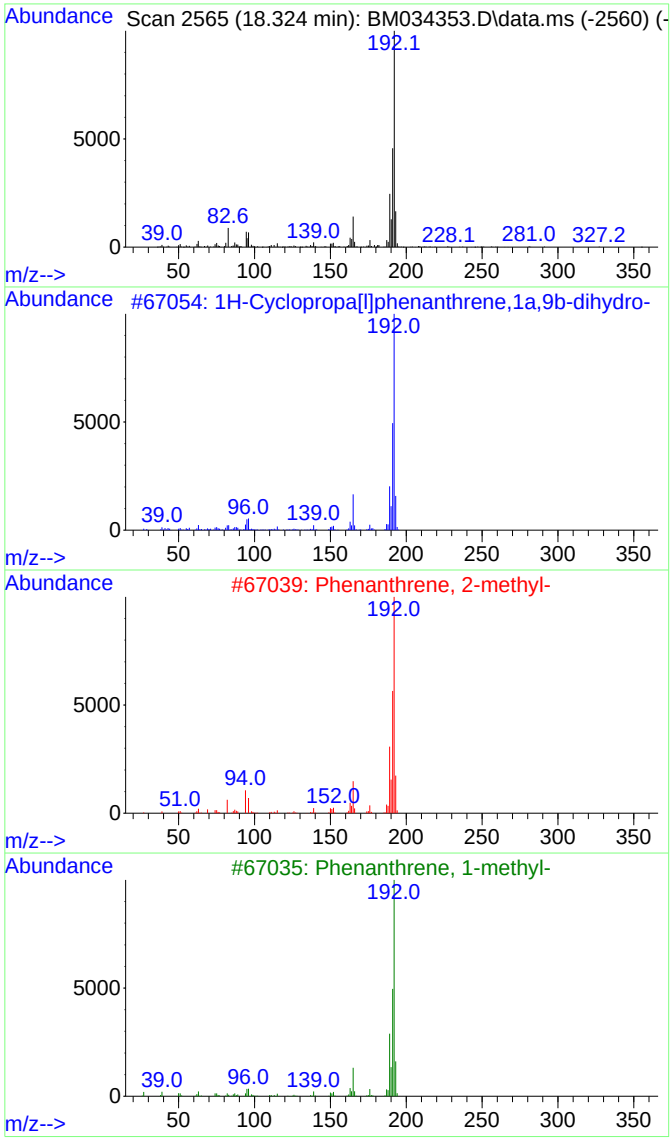
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

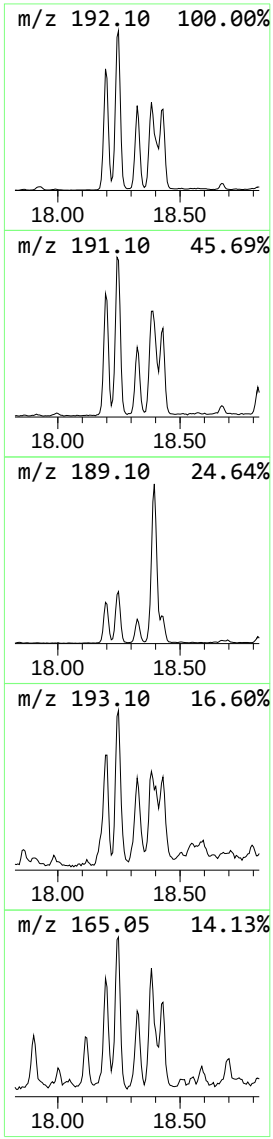
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.324	4.00 ng	364622	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034353.D
Acq On : 23 Mar 2022 23:45
Operator : CG/JU
Sample : N1958-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-7-6-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

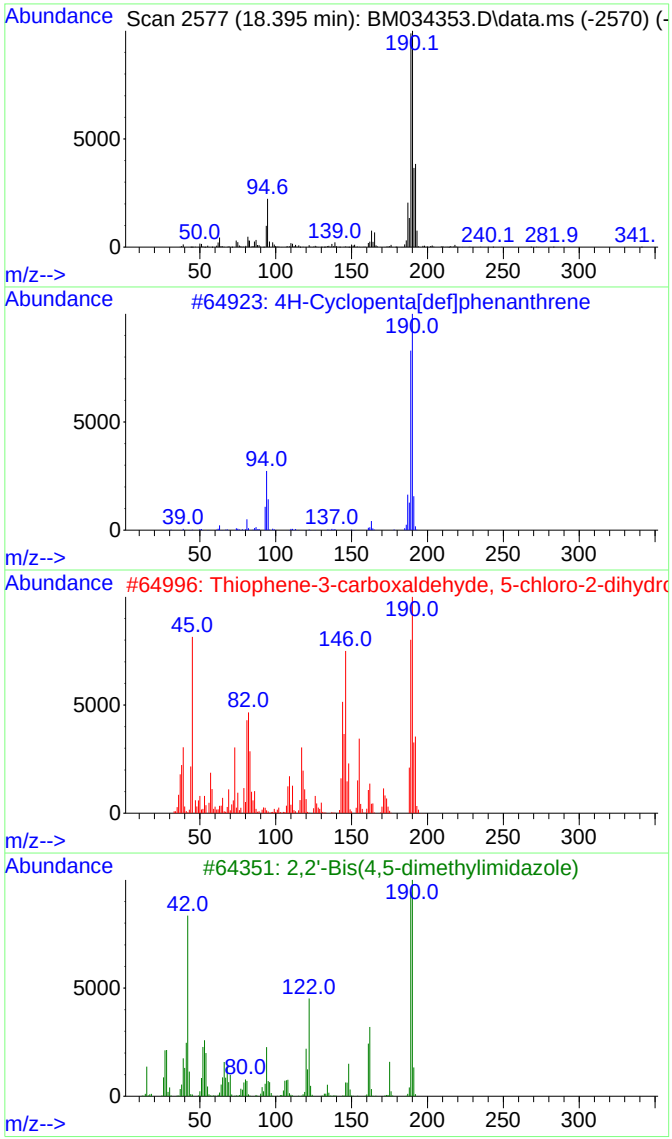
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

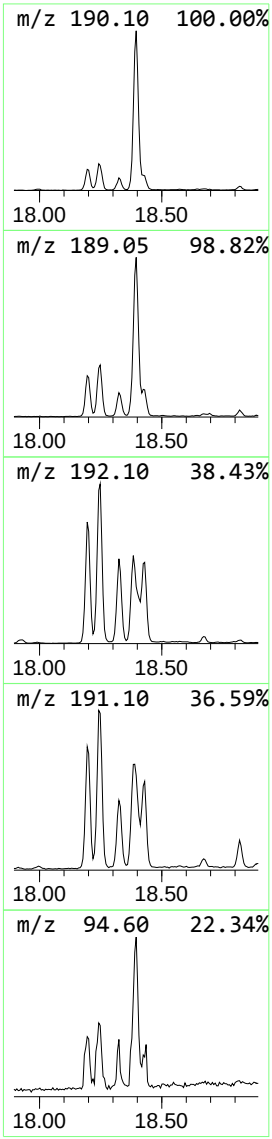
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.395	12.36 ng	1125010	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034353.D
Acq On : 23 Mar 2022 23:45
Operator : CG/JU
Sample : N1958-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-7-6-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

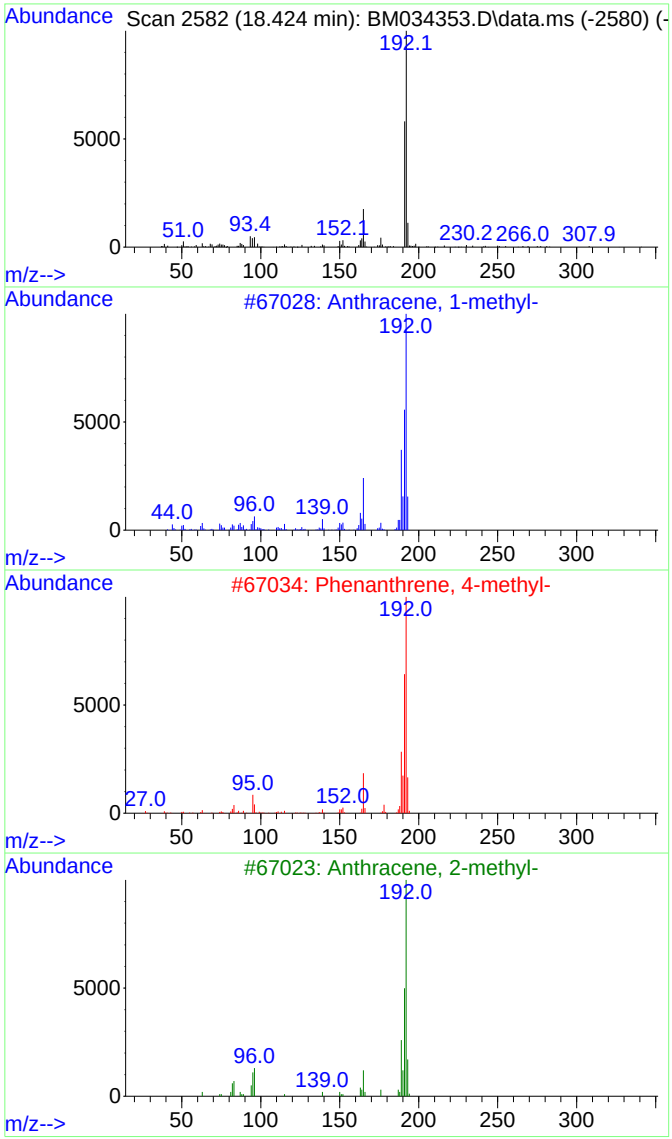
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

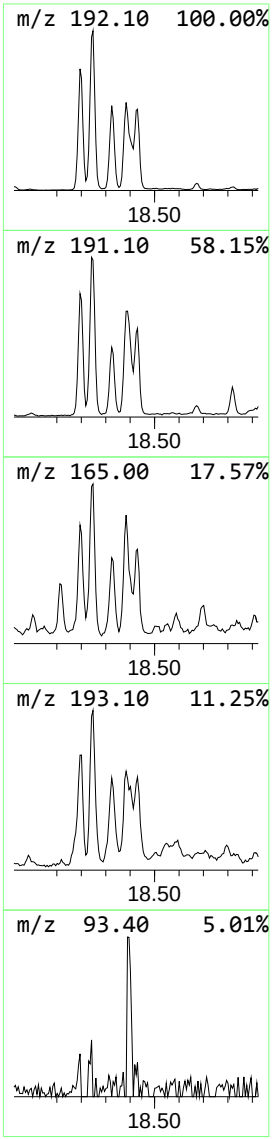
****

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.424	3.88 ng	353010	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





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Acq On : 23 Mar 2022 23:45
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Sample : N1958-07 5X
Misc :
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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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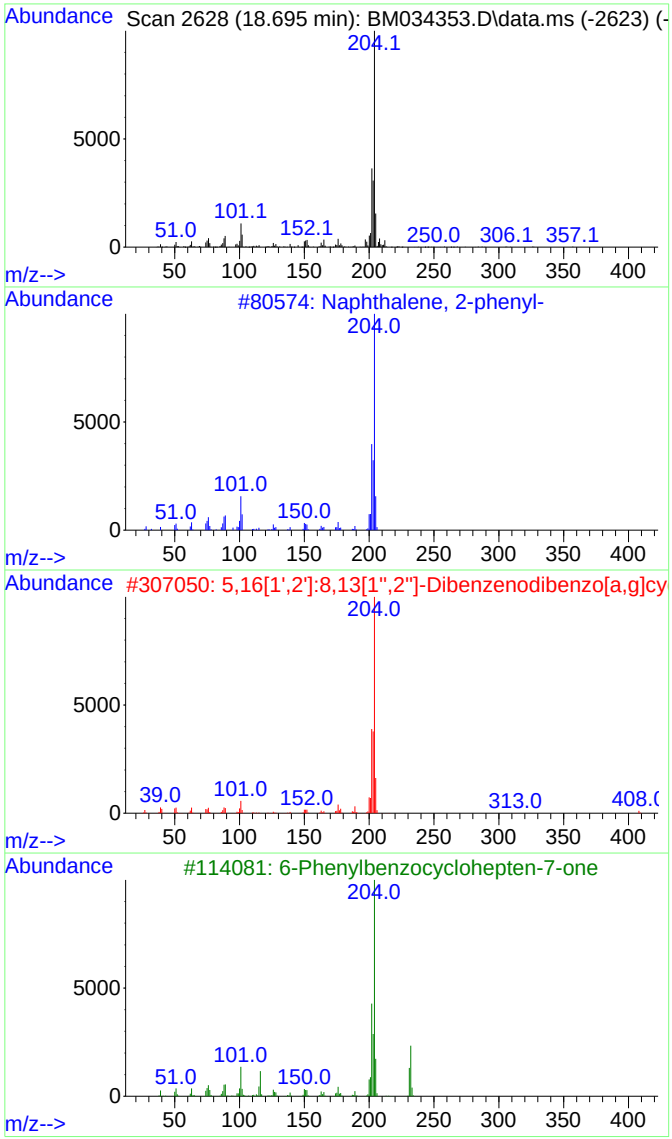
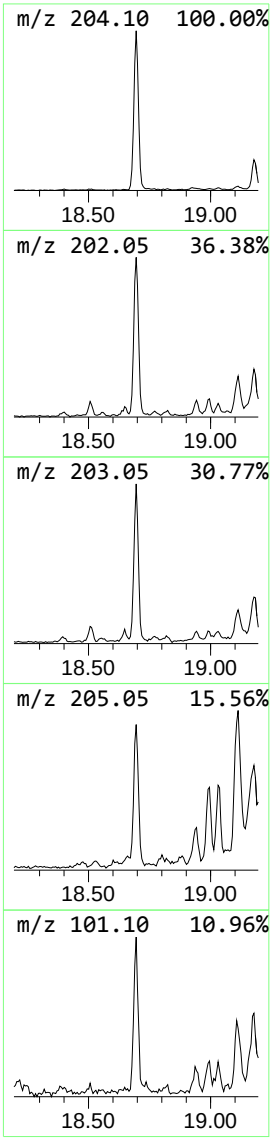
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.695	4.44 ng	403870	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





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Misc :
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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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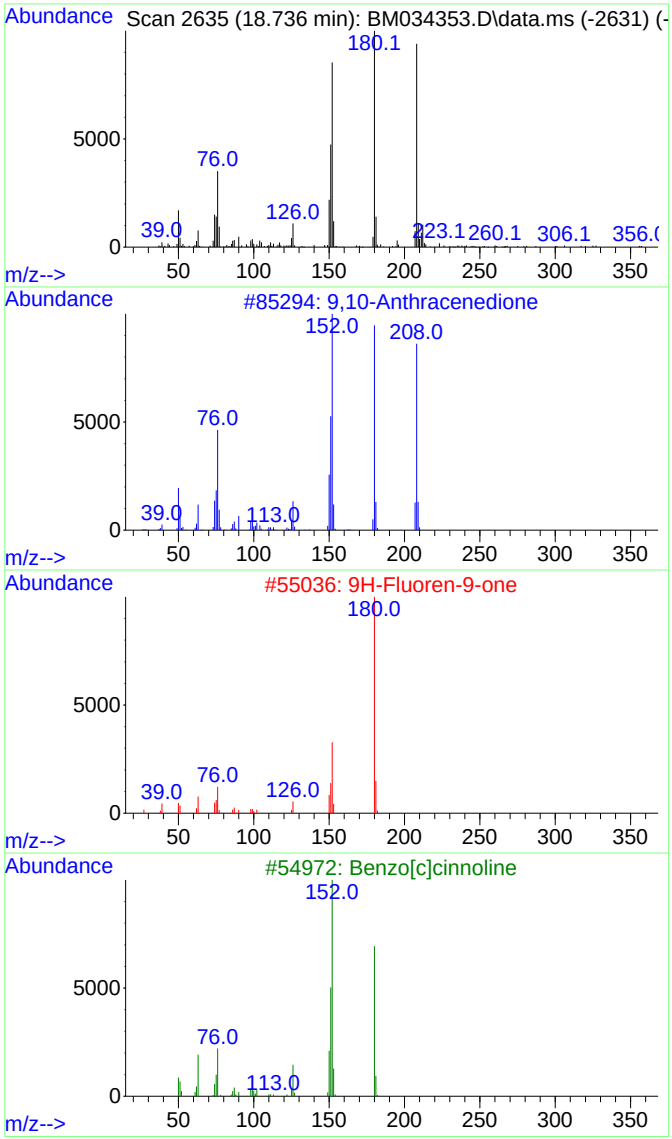
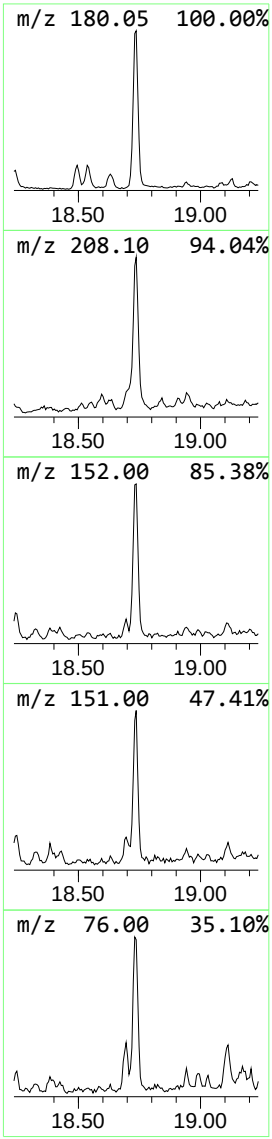
Peak Number 10 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.736	3.57 ng	324731	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





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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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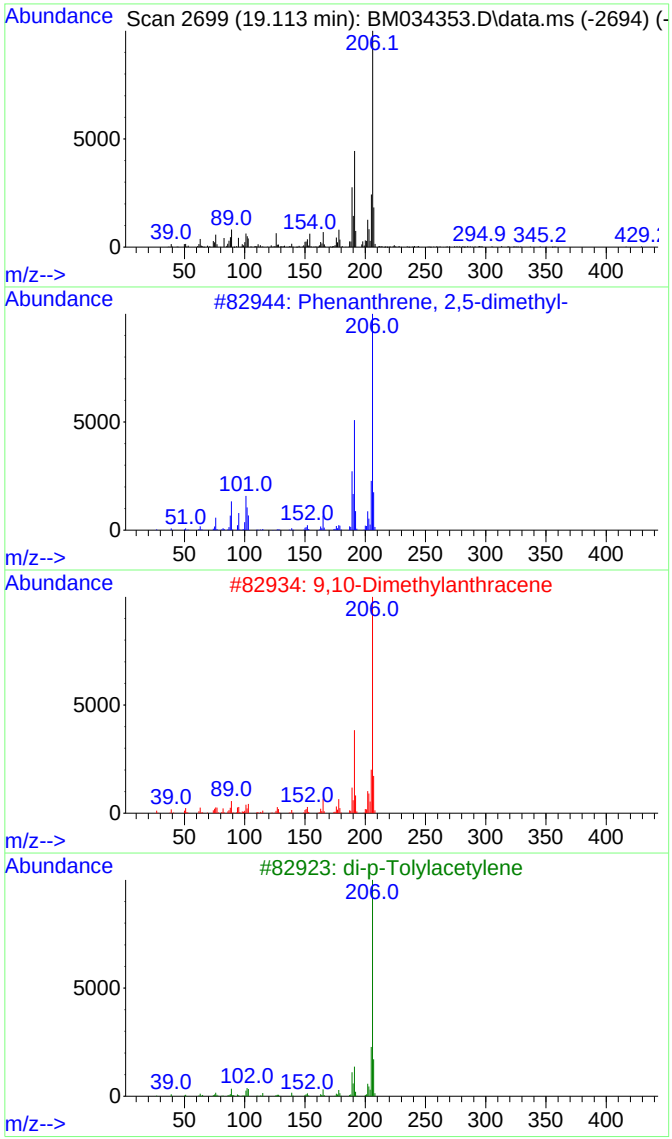
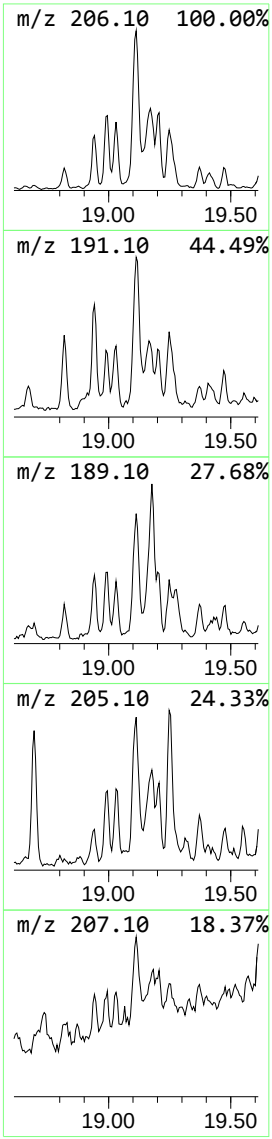
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.113	5.30 ng	482296	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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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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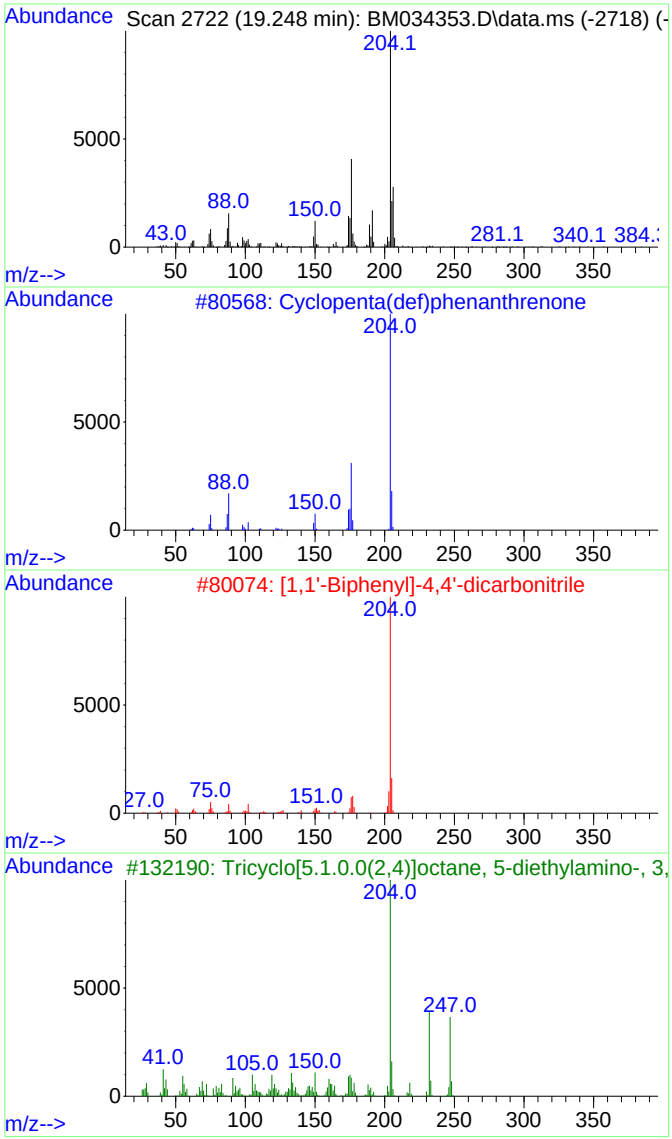
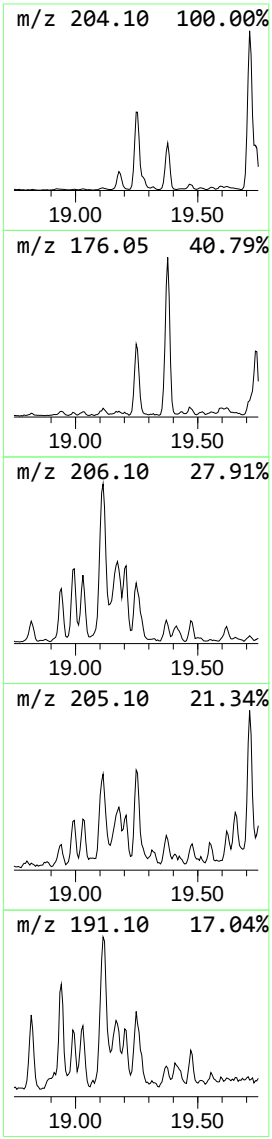
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.248	5.44 ng	495206	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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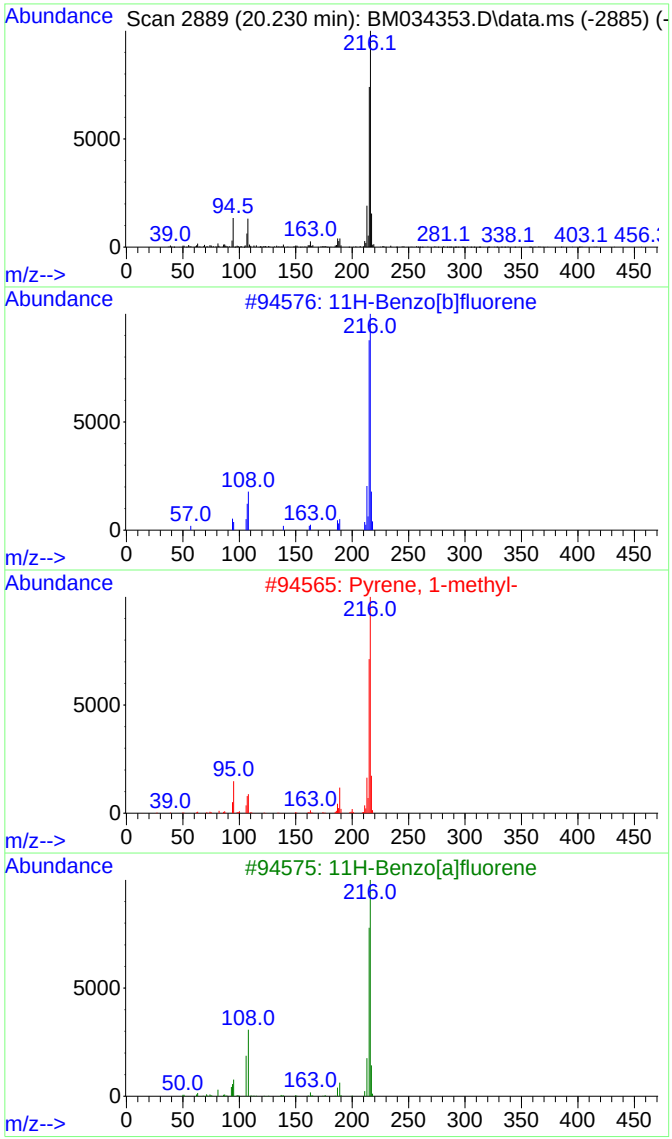
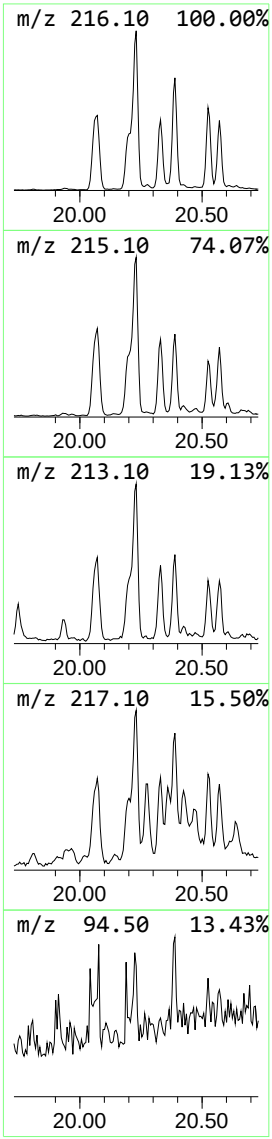
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.230	2.19 ng	768882	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68





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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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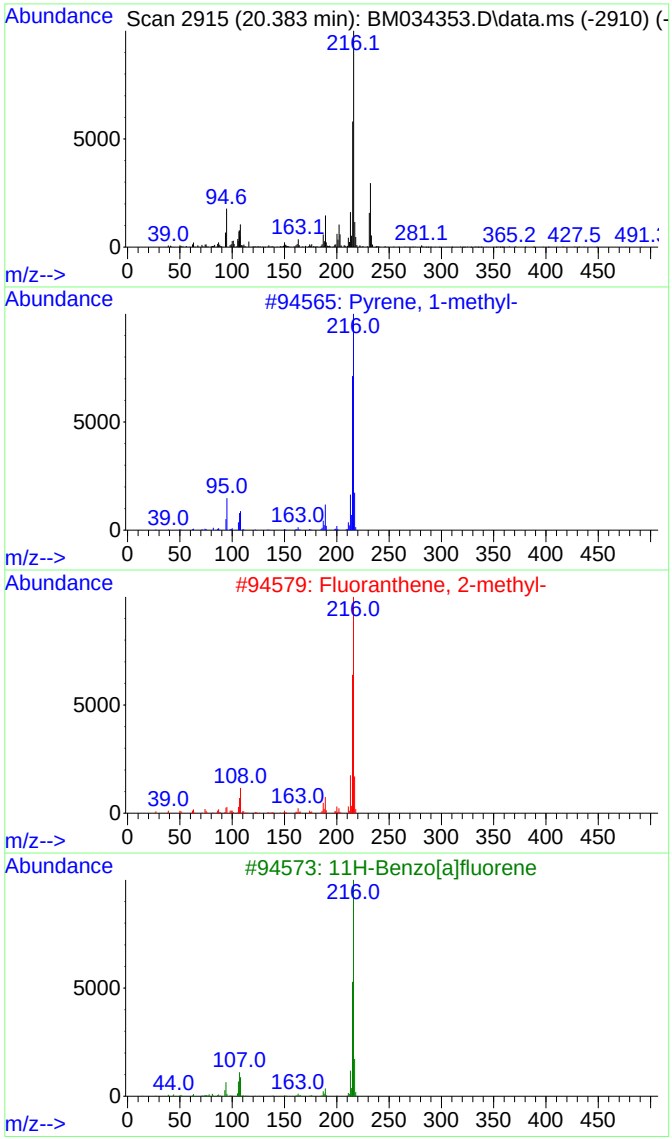
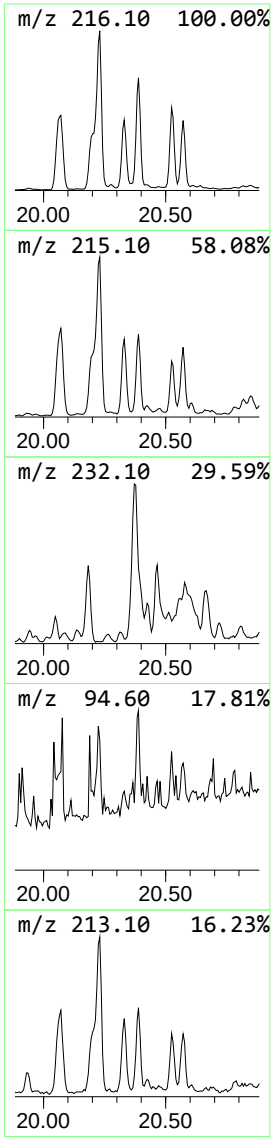
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.383	2.35 ng	824695	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





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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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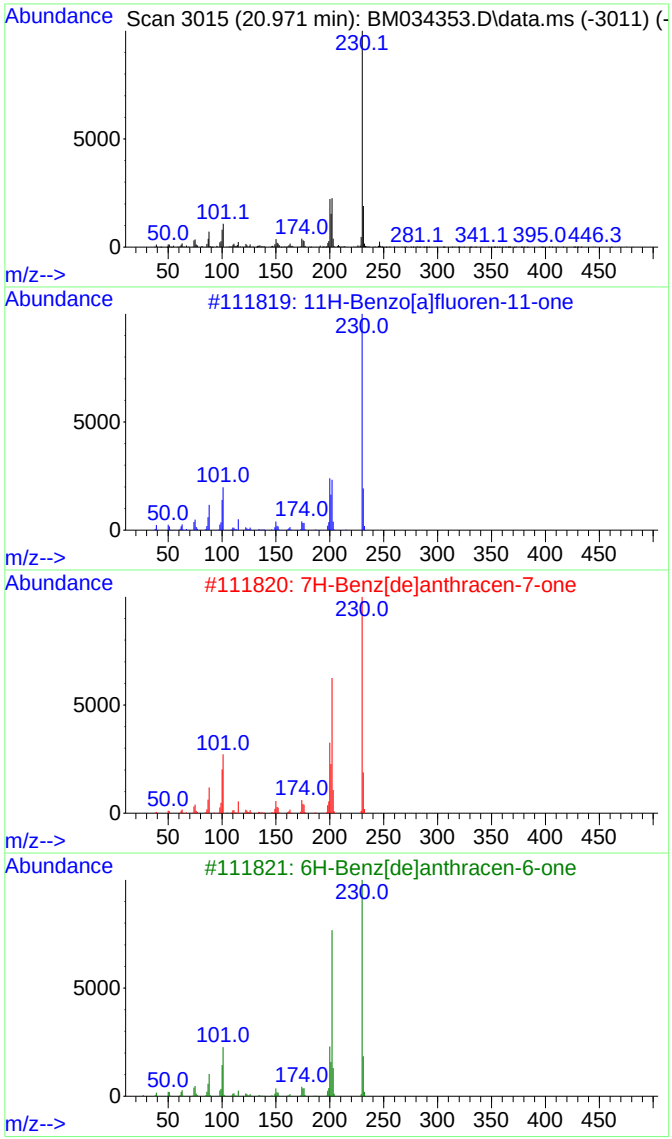
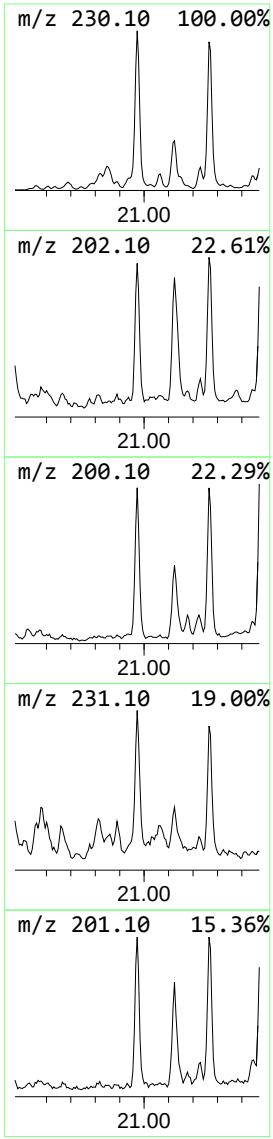
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.971	2.22 ng	779727	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	64
5	o-Terphenyl	230	C18H14	000084-15-1	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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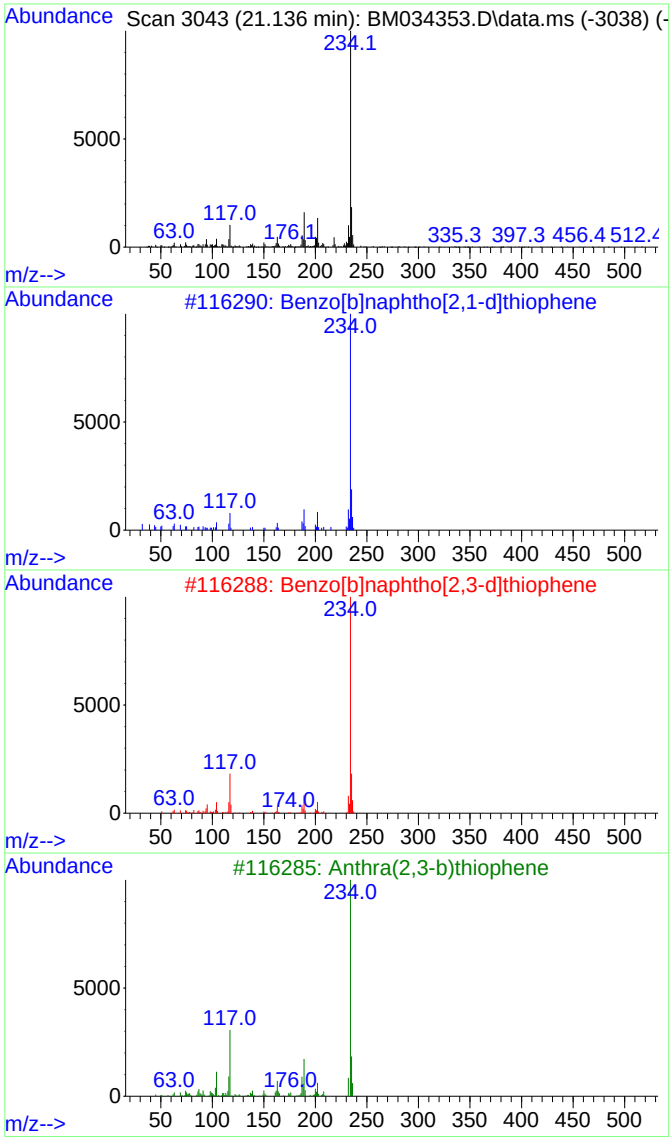
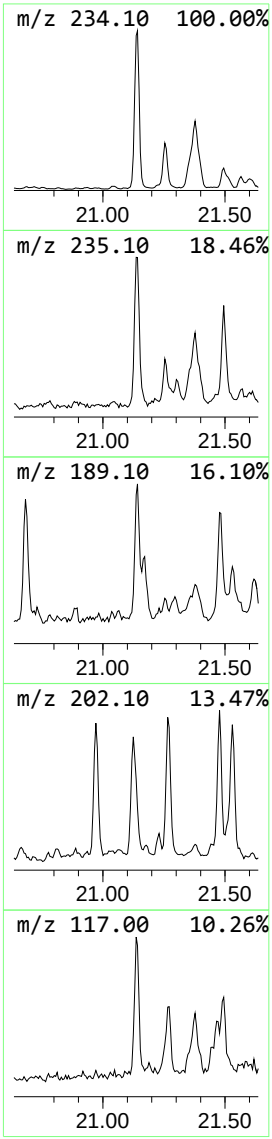
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.136	2.34 ng	820793	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	72





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TIC Library : C:\Database\NIST20.L
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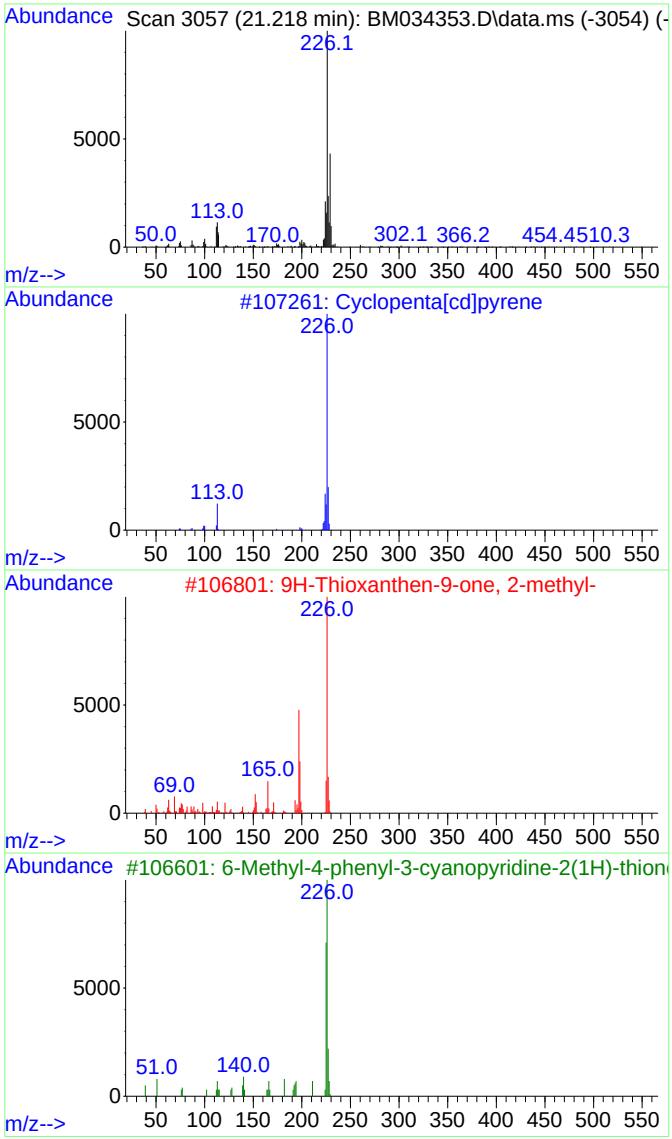
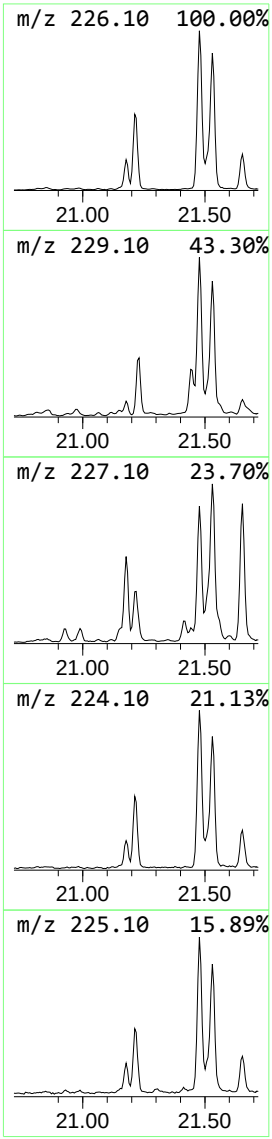
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.218	2.66 ng	933647	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	47
3	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	43
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
5	1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	43





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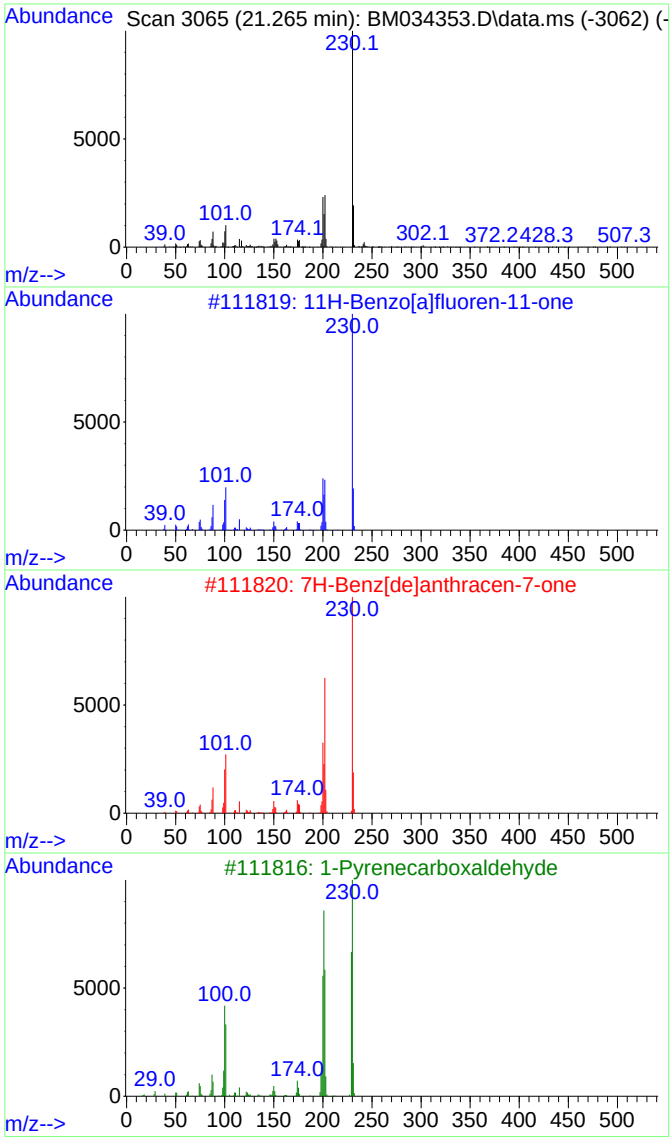
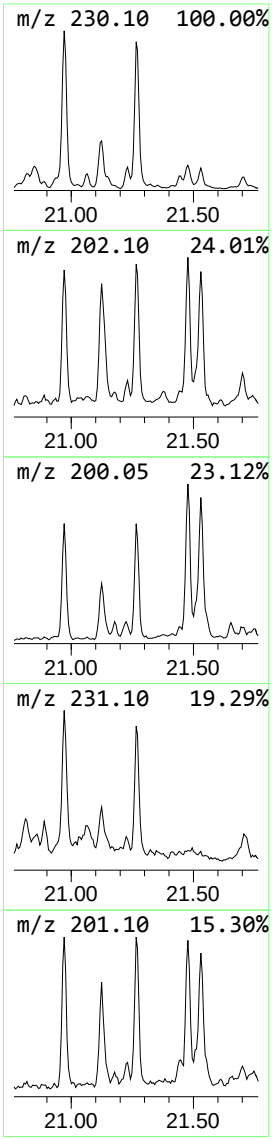
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.265	2.41 ng	845969	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	o-Terphenyl	230	C18H14	000084-15-1	53





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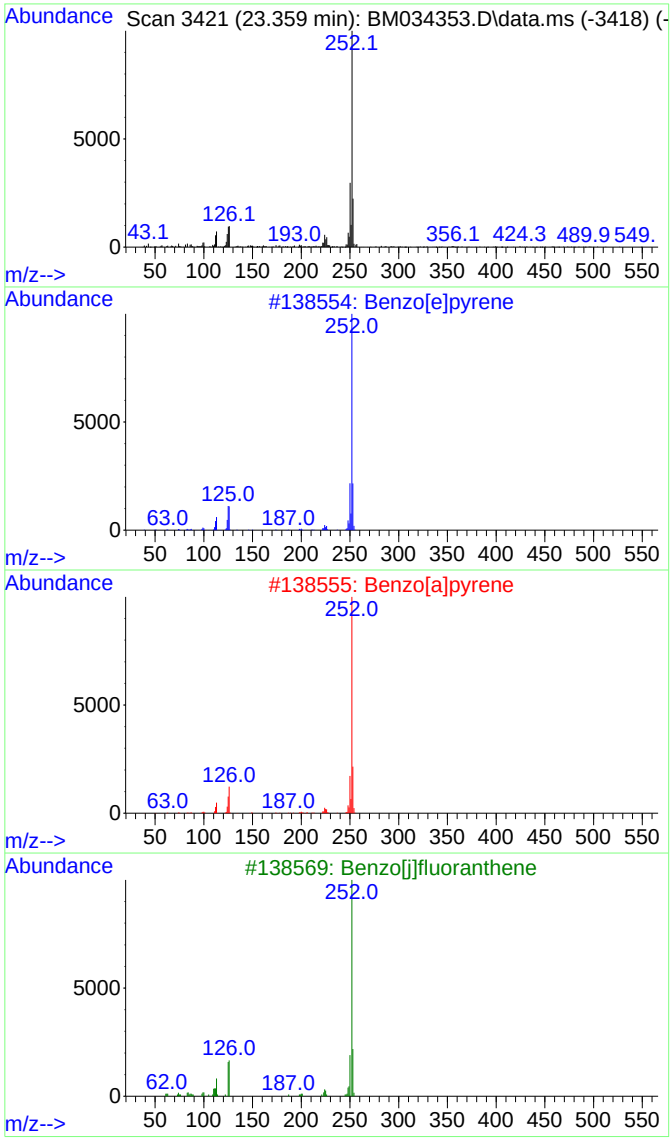
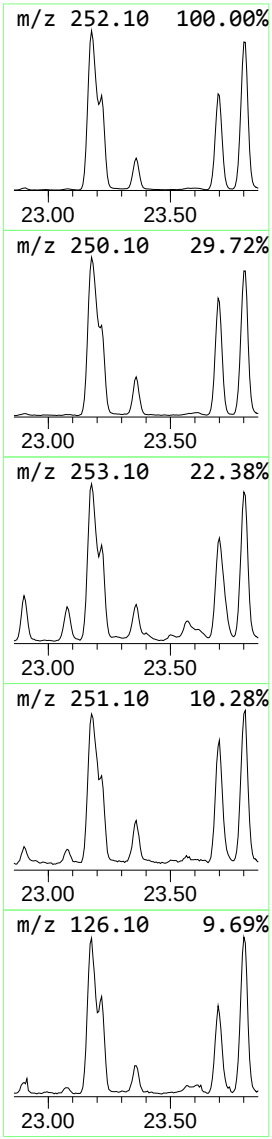
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.359	8.61 ng	775969	Perylene-d12	23.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034353.D
Acq On : 23 Mar 2022 23:45
Operator : CG/JU
Sample : N1958-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-7-6-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

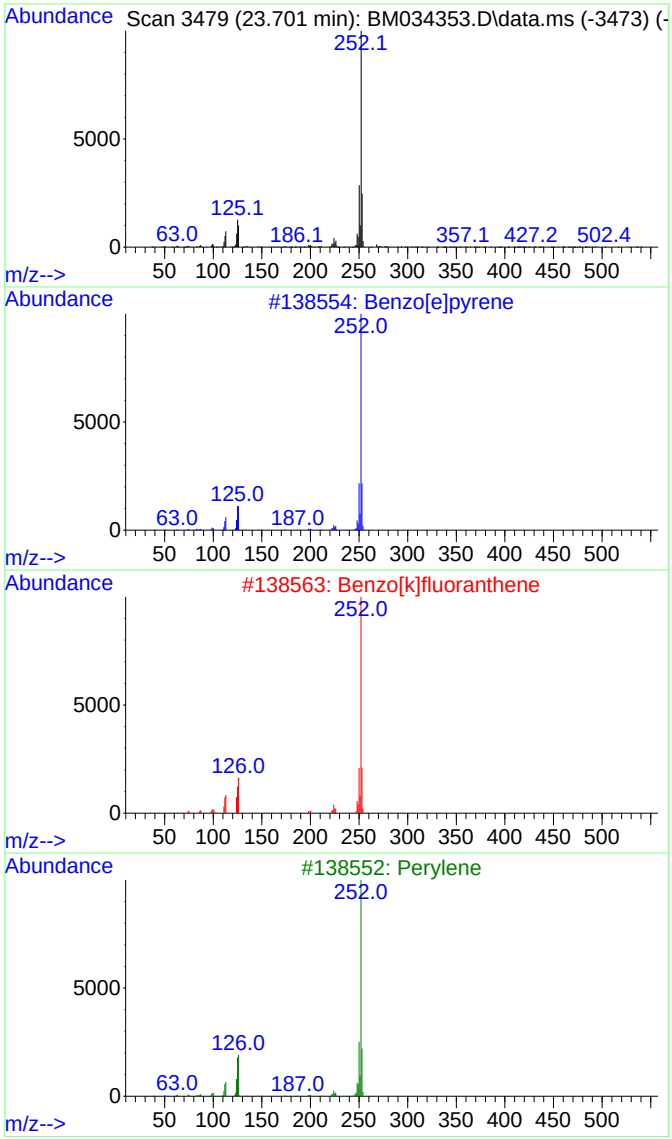
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

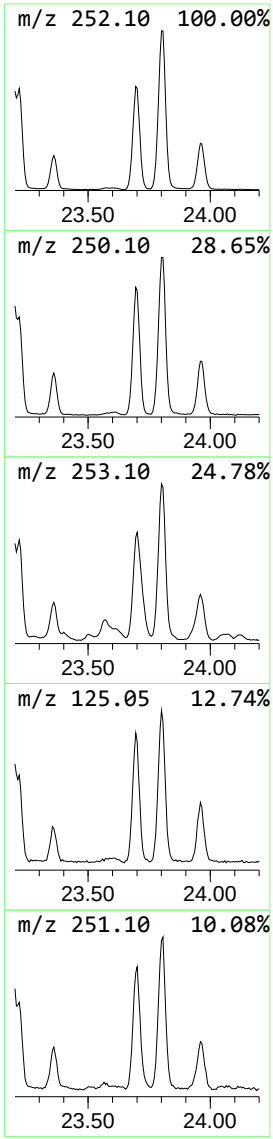
****

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.701	35.82 ng	3227740	Perylene-d12	23.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034353.D
Acq On : 23 Mar 2022 23:45
Operator : CG/JU
Sample : N1958-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-7-6-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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
4-(4-Methylphen...	17.048	2.3	ng	206666	4	17.319	1820990	20.0
Dibenzothiophene	17.136	2.5	ng	226221	4	17.319	1820990	20.0
Anthracene, 2-m...	18.195	7.3	ng	665040	4	17.319	1820990	20.0
Phenanthrene, 2...	18.242	8.5	ng	772108	4	17.319	1820990	20.0
1H-Cyclopropa[l...	18.324	4.0	ng	364622	4	17.319	1820990	20.0
4H-Cyclopenta[d...	18.395	12.4	ng	1125010	4	17.319	1820990	20.0
Anthracene, 1-m...	18.424	3.9	ng	353010	4	17.319	1820990	20.0
Naphthalene, 2-...	18.695	4.4	ng	403870	4	17.319	1820990	20.0
9,10-Anthracene...	18.736	3.6	ng	324731	4	17.319	1820990	20.0
Phenanthrene, 2...	19.113	5.3	ng	482296	4	17.319	1820990	20.0
Cyclopenta(def)...	19.248	5.4	ng	495206	4	17.319	1820990	20.0
11H-Benzo[b]flu...	20.230	2.2	ng	768882	5	21.495	7014150	20.0
Pyrene, 1-methyl-	20.383	2.4	ng	824695	5	21.495	7014150	20.0
11H-Benzo[a]flu...	20.971	2.2	ng	779727	5	21.495	7014150	20.0
Benzo[b]naphtho...	21.136	2.3	ng	820793	5	21.495	7014150	20.0
Cyclopenta[cd]p...	21.218	2.7	ng	933647	5	21.495	7014150	20.0
7H-Benz[de]anth...	21.265	2.4	ng	845969	5	21.495	7014150	20.0
Benzo[e]pyrene	23.359	8.6	ng	775969	6	23.906	1802190	20.0
Perylene	23.701	35.8	ng	3227740	6	23.906	1802190	20.0