LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039109.D
Acq On : 23 Mar 2023 01:46
Operator : CG/JU
Sample : 01932-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6A-031423

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-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039109.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	296	301	308	rVB	340569	481917	1.44%	0.179%
2	5.528	374	381	389	rBV	836382	1203700	3.60%	0.447%
3	7.134	643	654	669	rBV	784483	1246501	3.73%	0.463%
4	7.969	788	796	805	rBV	1215385	1898469	5.68%	0.705%
5	9.133	987	994	1002	rBV	432602	734366	2.20%	0.273%
6	10.780	1266	1274	1280	rBV	1492858	2535540	7.59%	0.941%
7	13.233	1684	1691	1701	rVB	1229272	1718179	5.14%	0.638%
8	14.610	1916	1925	1931	rBV	2069937	3119947	9.34%	1.158%
9	14.674	1931	1936	1943	rVB	1029918	1474550	4.41%	0.547%
10	15.004	1987	1992	2000	rVB	584263	851036	2.55%	0.316%
11	15.657	2097	2103	2114	rVB	1066197	1589504	4.76%	0.590%
12	15.951	2148	2153	2163	rVB2	361542	720858	2.16%	0.268%
13	16.098	2172	2178	2185	rVB	1108914	1712704	5.13%	0.636%
14	16.327	2211	2217	2223	rVB4	193255	369101	1.10%	0.137%
15	16.886	2305	2312	2316	rBV3	184735	356542	1.07%	0.132%
16	17.009	2328	2333	2340	rVB	607708	873429	2.61%	0.324%
17	17.174	2356	2361	2370	rVB	827846	1197601	3.59%	0.444%
18	17.356	2386	2392	2395	rBV	2367793	3443250	10.31%	1.278%
19	17.403	2395	2400	2406	rVV	13981790	20268740	60.68%	7.522%
20	17.492	2406	2415	2420	rVV	4002934	5550234	16.62%	2.060%
21	17.551	2420	2425	2430	rVB2	207967	374908	1.12%	0.139%
22	17.762	2456	2461	2465	rBV	729201	991447	2.97%	0.368%
23	17.874	2477	2480	2486	rVB	321373	396130	1.19%	0.147%
24	17.939	2487	2491	2498	rVB2	211965	347446	1.04%	0.129%
25	18.233	2536	2541	2546	rBV	1267706	2348598	7.03%	0.872%
26	18.280	2546	2549	2555	rVV	1790801	2477809	7.42%	0.919%
27	18.362	2559	2563	2568	rVV	717218	995839	2.98%	0.370%
28	18.433	2568	2575	2578	rVV3	2449965	4141327	12.40%	1.537%
29	18.462	2578	2580	2586	rVB	781708	1029660	3.08%	0.382%
30	18.733	2621	2626	2630	rBV	1294708	1665173	4.99%	0.618%
31	18.774	2630	2633	2639	rVB	984018	1264611	3.79%	0.469%
32	18.974	2664	2667	2672	rVV2	307465	381756	1.14%	0.142%
33	19.150	2692	2697	2703	rBV2	585612	1315638	3.94%	0.488%
34	19.292	2717	2721	2729	rBV2	1084743	1699030	5.09%	0.630%
35	19.421	2736	2743	2748	rBV	22281827	33130866	99.18%	12.295%
36	19.515	2755	2759	2764	rBV2	553746	927315	2.78%	0.344%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039109.D
Acq On : 23 Mar 2023 01:46
Operator : CG/JU
Sample : 01932-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6A-031423

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-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.656	2779	2783	2792	rVB	1065164	1647652	4.93%	0.611%
38	19.786	2793	2805	2811	rBV	18730524	33403544	100.00%	12.396%
39	19.844	2811	2815	2821	rVB2	774736	1138678	3.41%	0.423%
40	19.974	2830	2837	2841	rBV2	1660130	3009303	9.01%	1.117%
41	20.015	2841	2844	2849	rVB	719229	1010707	3.03%	0.375%
42	20.097	2853	2858	2859	rBV2	950675	1492518	4.47%	0.554%
43	20.156	2865	2868	2871	rVB	306893	352523	1.06%	0.131%
44	20.268	2876	2887	2892	rVV	2464672	4792485	14.35%	1.778%
45	20.368	2900	2904	2908	rBV	1699779	2113379	6.33%	0.784%
46	20.427	2908	2914	2917	rVV2	1338941	2371408	7.10%	0.880%
47	20.462	2918	2920	2924	rVB	519364	603569	1.81%	0.224%
48	20.568	2935	2938	2941	rBV	661027	736319	2.20%	0.273%
49	20.609	2942	2945	2949	rVB	710840	924021	2.77%	0.343%
50	21.015	3011	3014	3021	rVB	1353173	1738949	5.21%	0.645%
51	21.180	3038	3042	3045	rBV2	1660782	2317283	6.94%	0.860%
52	21.221	3046	3049	3052	rVV	1604828	1936725	5.80%	0.719%
53	21.262	3052	3056	3060	rVV2	1773306	2708453	8.11%	1.005%
54	21.309	3061	3064	3071	rVB2	1415096	2008365	6.01%	0.745%
55	21.527	3096	3101	3106	rBV3	11120289	18662722	55.87%	6.926%
56	21.580	3106	3110	3119	rVB	9460370	13360919	40.00%	4.958%
57	21.703	3127	3131	3135	rBV	2014539	2694683	8.07%	1.000%
58	21.868	3155	3159	3164	rVB3	1236213	1909229	5.72%	0.708%
59	23.244	3386	3393	3398	rBV	7838621	19894917	59.56%	7.383%
60	23.421	3420	3423	3430	rVB	1539113	2503359	7.49%	0.929%
61	23.768	3477	3482	3492	rVB	4874562	10309943	30.86%	3.826%
62	23.880	3494	3501	3508	rVB	7204280	14511014	43.44%	5.385%
63	24.032	3524	3527	3536	rVB	2546179	5092203	15.24%	1.890%
64	26.532	3945	3952	3964	rVB2	3762607	11396751	34.12%	4.229%

Sum of corrected areas: 269475342

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
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Acq On : 23 Mar 2023 01:46
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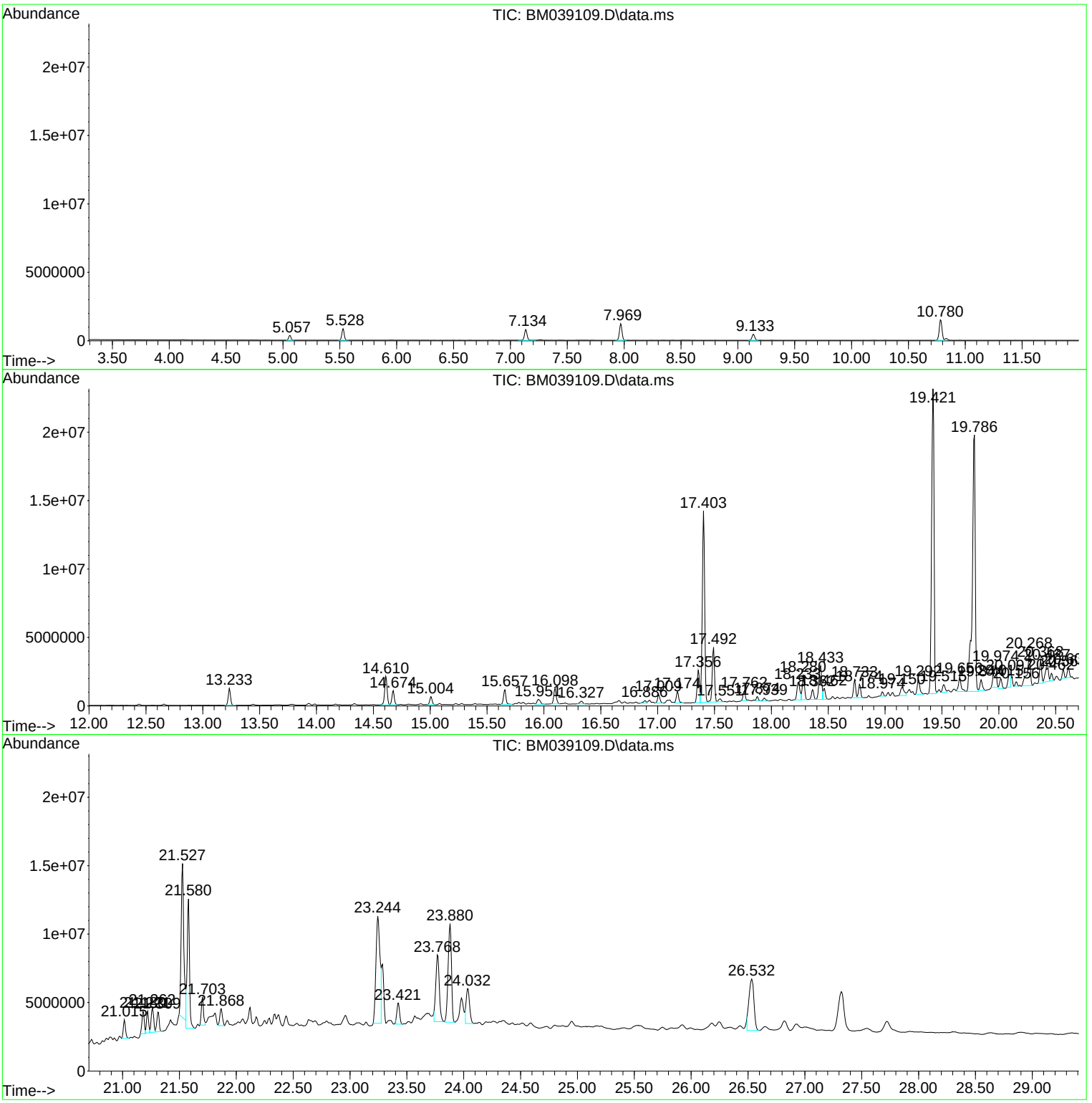
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6A-031423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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\BM032223\
Data File : BM039109.D
Acq On : 23 Mar 2023 01:46
Operator : CG/JU
Sample : 01932-15 5X
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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

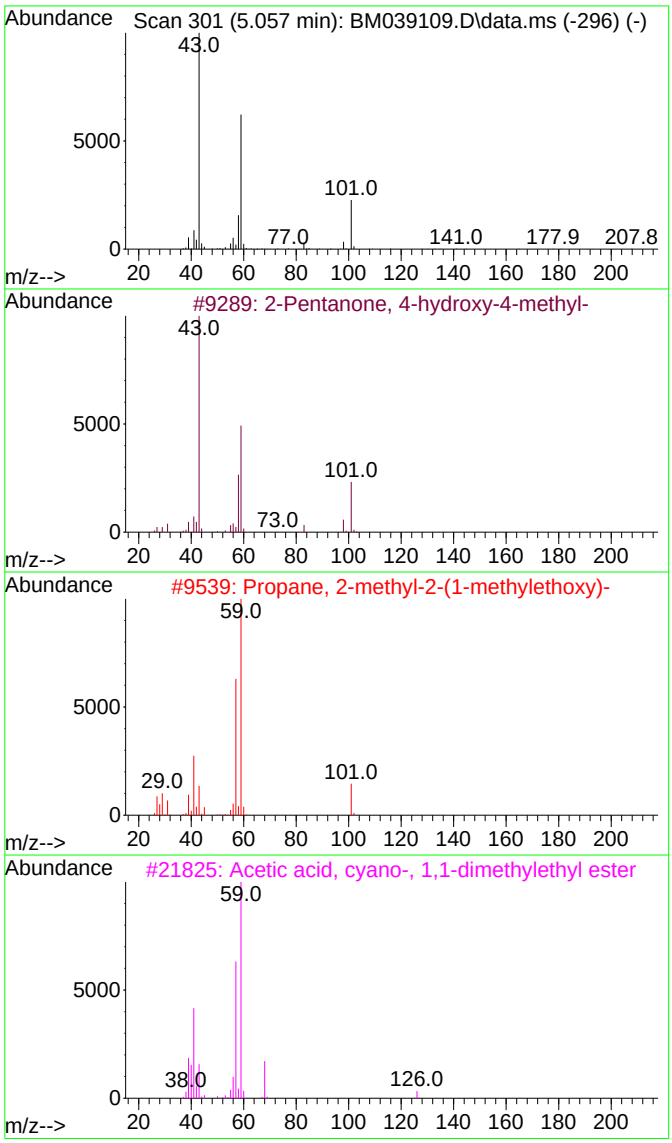
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

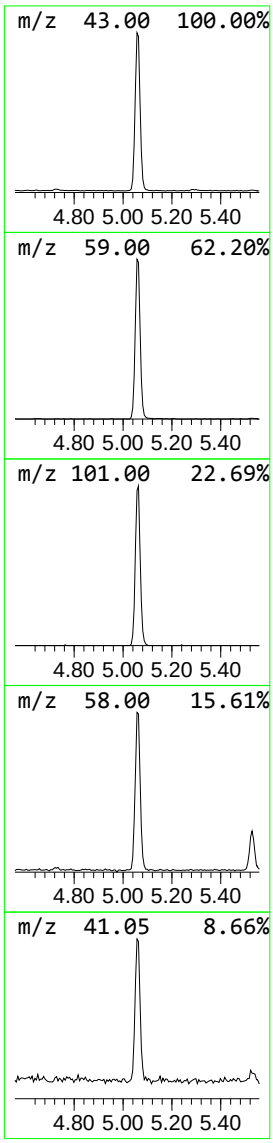
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	5.08 ng	481917	1,4-Dichlorobenzene-d4	7.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039109.D
Acq On : 23 Mar 2023 01:46
Operator : CG/JU
Sample : 01932-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6A-031423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

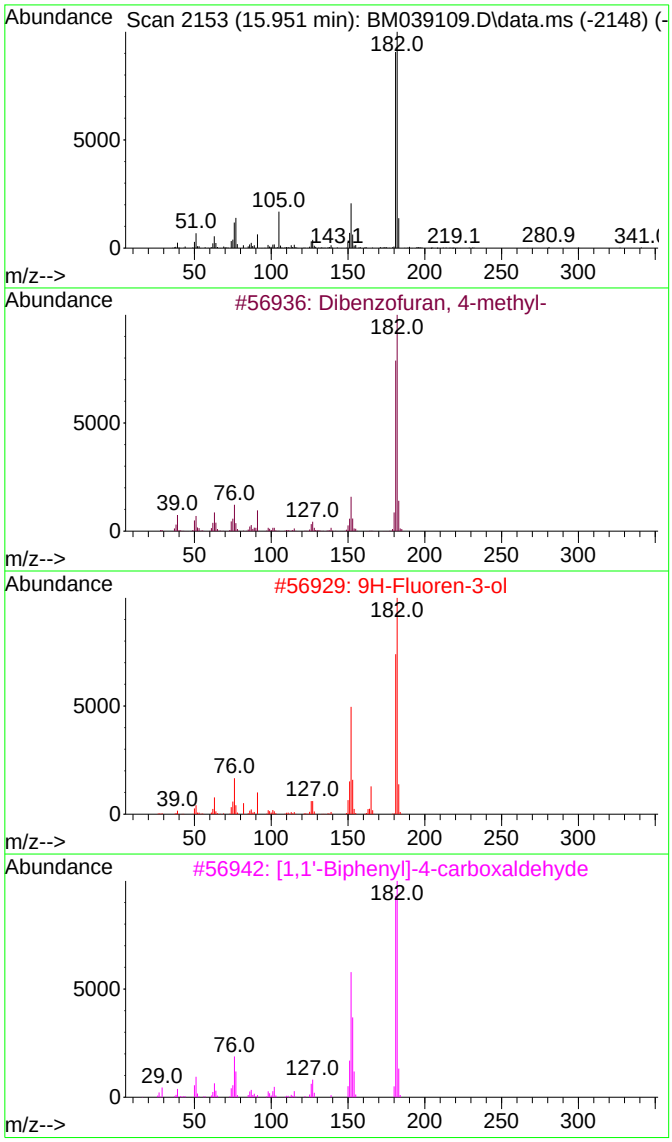
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

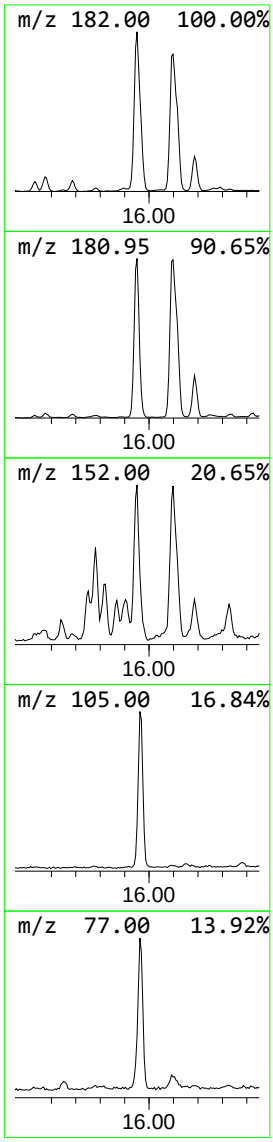
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	4.62 ng	720858	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039109.D
Acq On : 23 Mar 2023 01:46
Operator : CG/JU
Sample : 01932-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6A-031423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

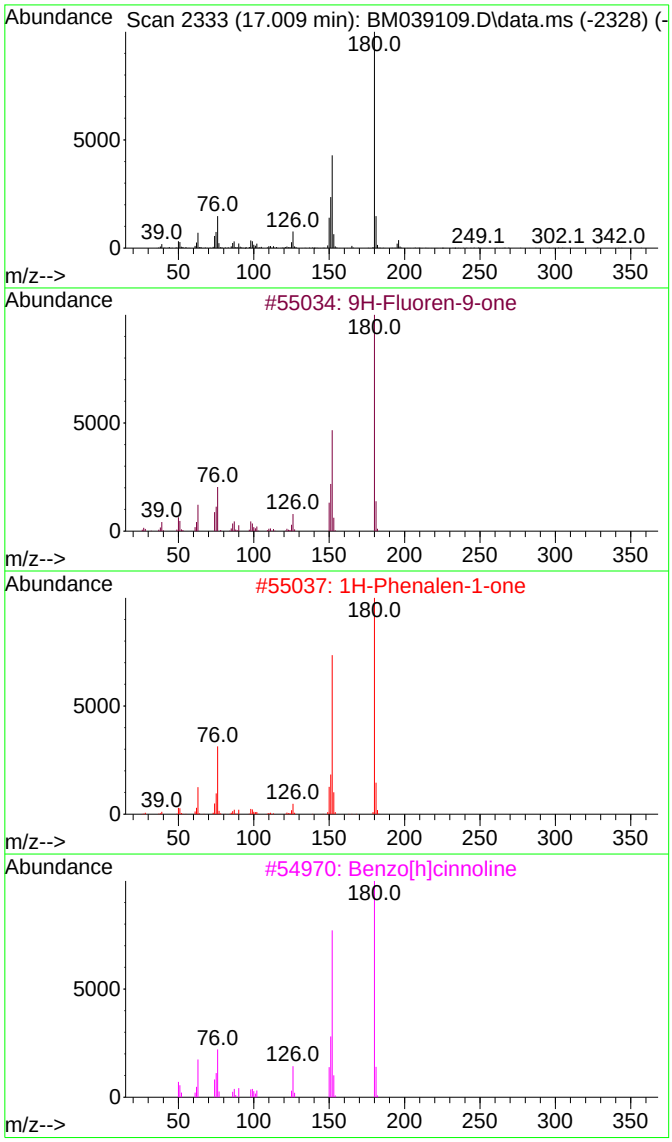
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

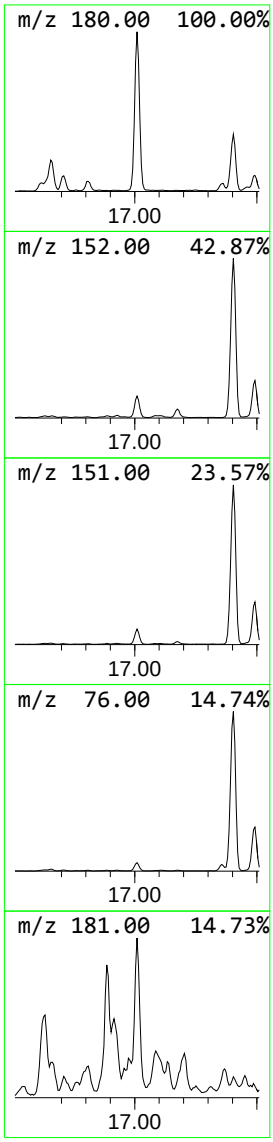
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.009	5.07 ng	873429	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	50
5	1,3-Diazaphenanthrene	180	C12H8N2	000229-75-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039109.D
Acq On : 23 Mar 2023 01:46
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Sample : 01932-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6A-031423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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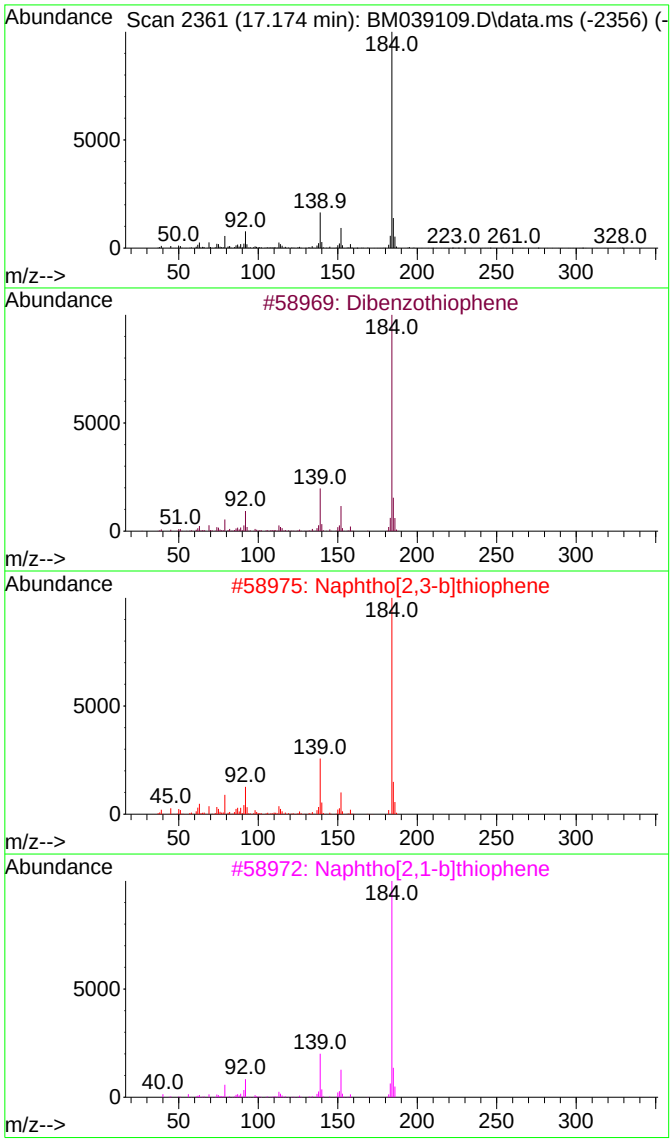
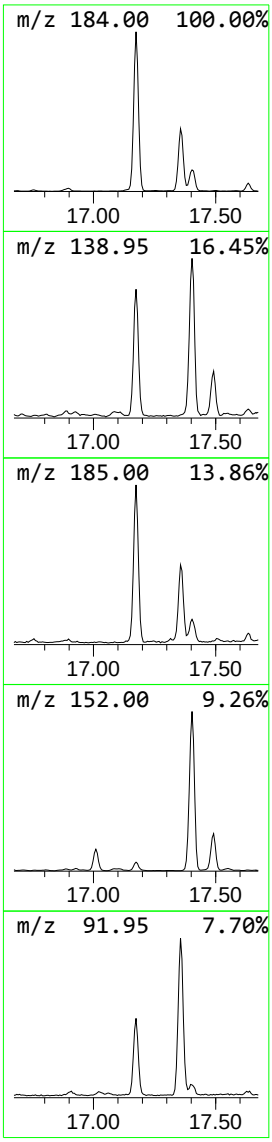
Peak Number 4 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.174	6.96 ng	1197600	Phenanthrene-d10	17.356

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	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039109.D
Acq On : 23 Mar 2023 01:46
Operator : CG/JU
Sample : 01932-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6A-031423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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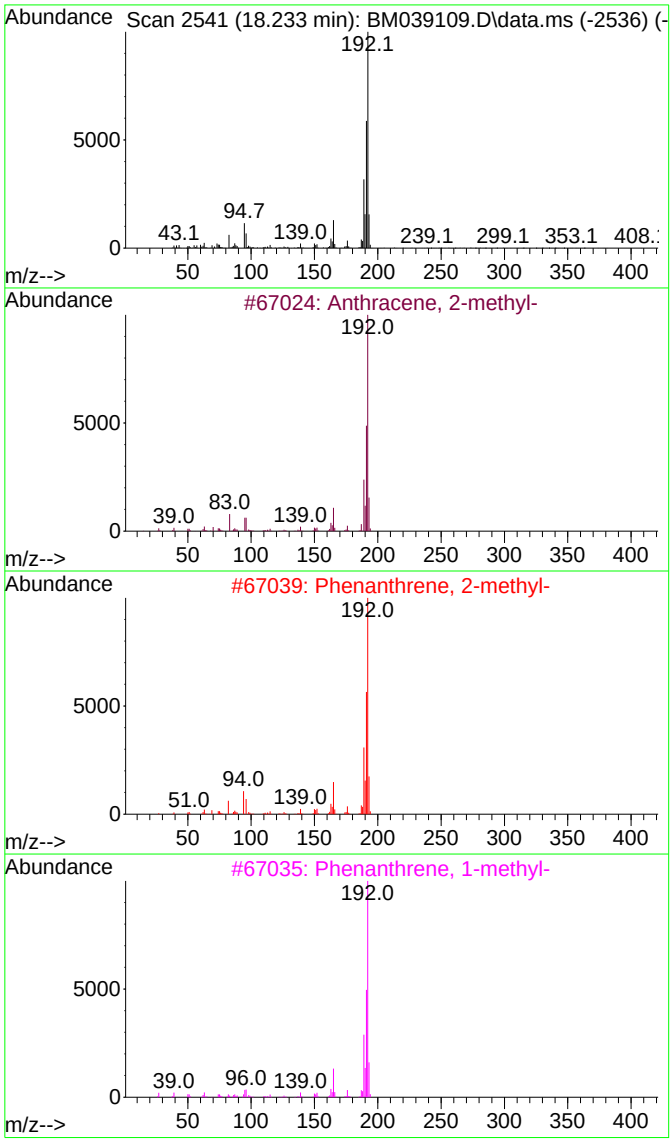
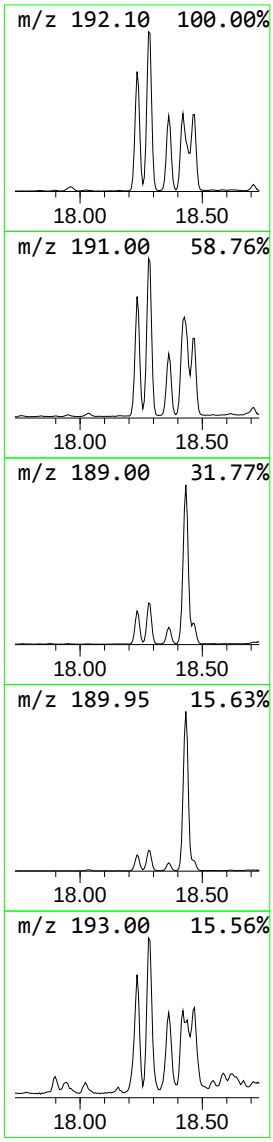
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	13.64 ng	2348600	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Data File : BM039109.D
Acq On : 23 Mar 2023 01:46
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Sample : 01932-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

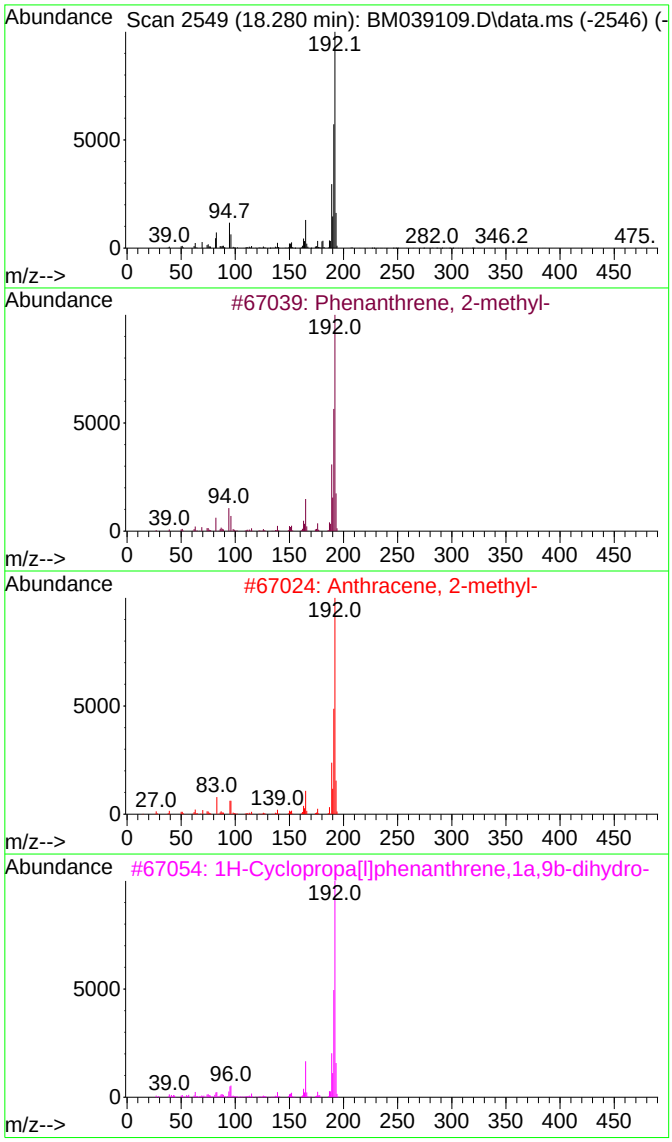
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

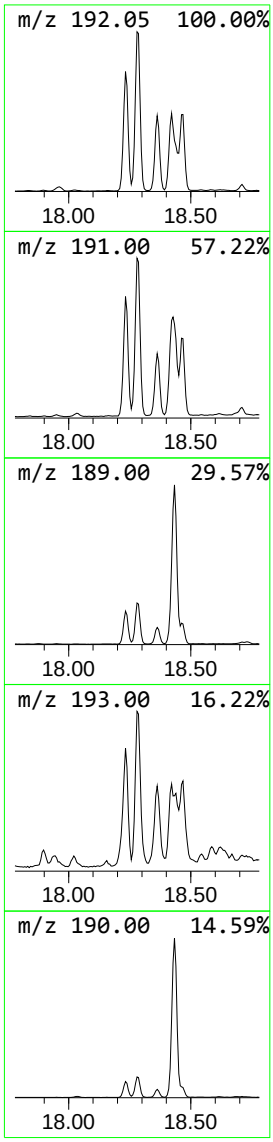
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	14.39 ng	2477810	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039109.D
Acq On : 23 Mar 2023 01:46
Operator : CG/JU
Sample : 01932-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6A-031423

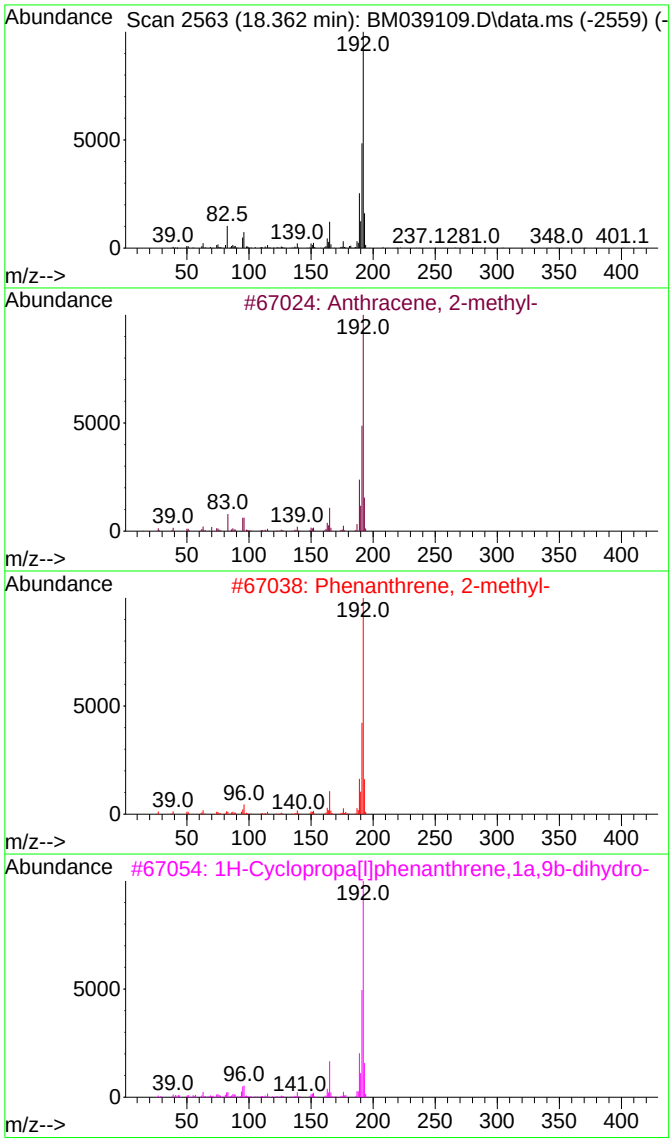
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

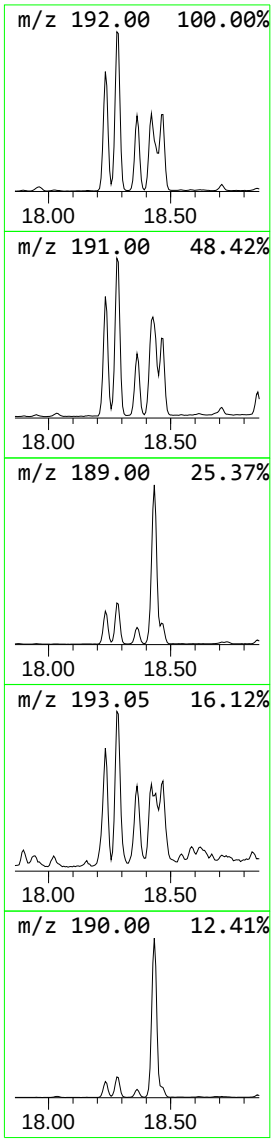
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.362	5.78 ng	995839	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Sample : 01932-15 5X
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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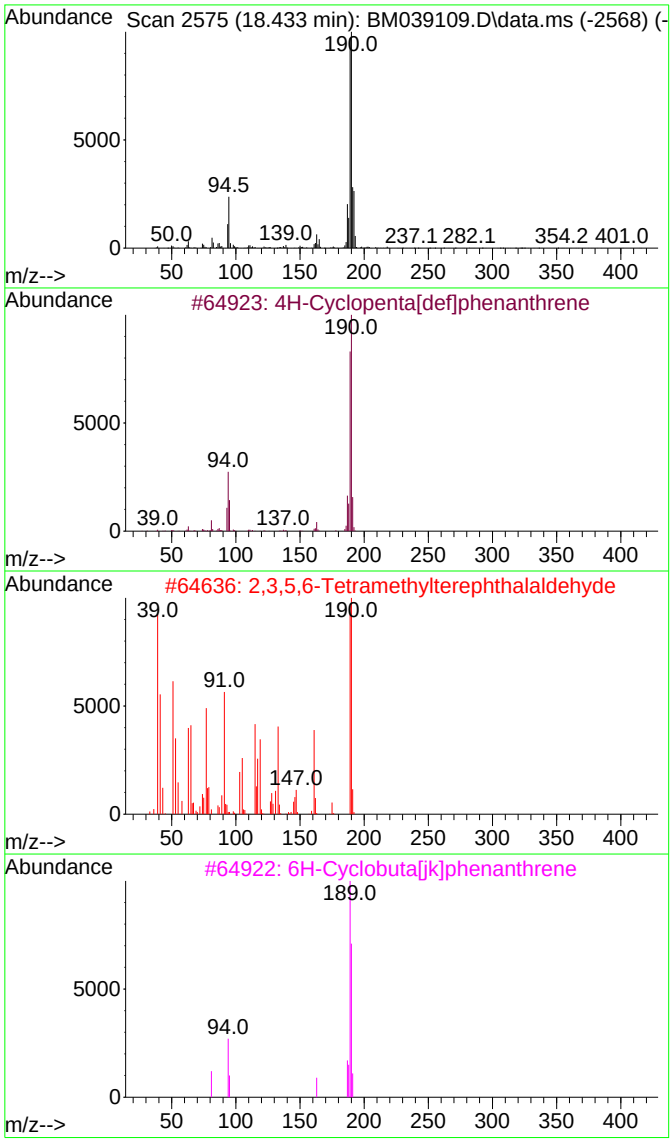
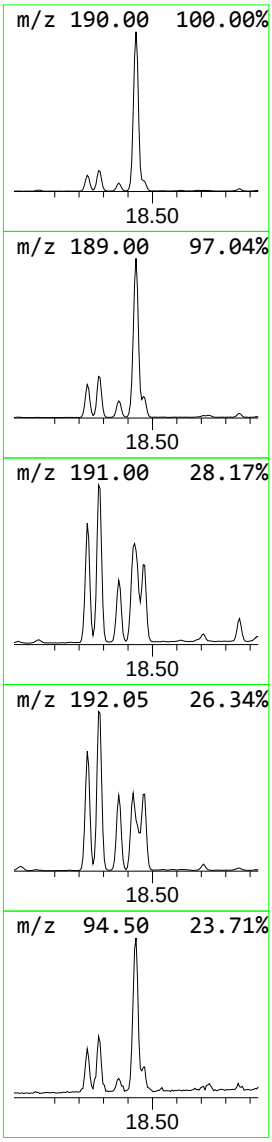
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	24.05 ng	4141330	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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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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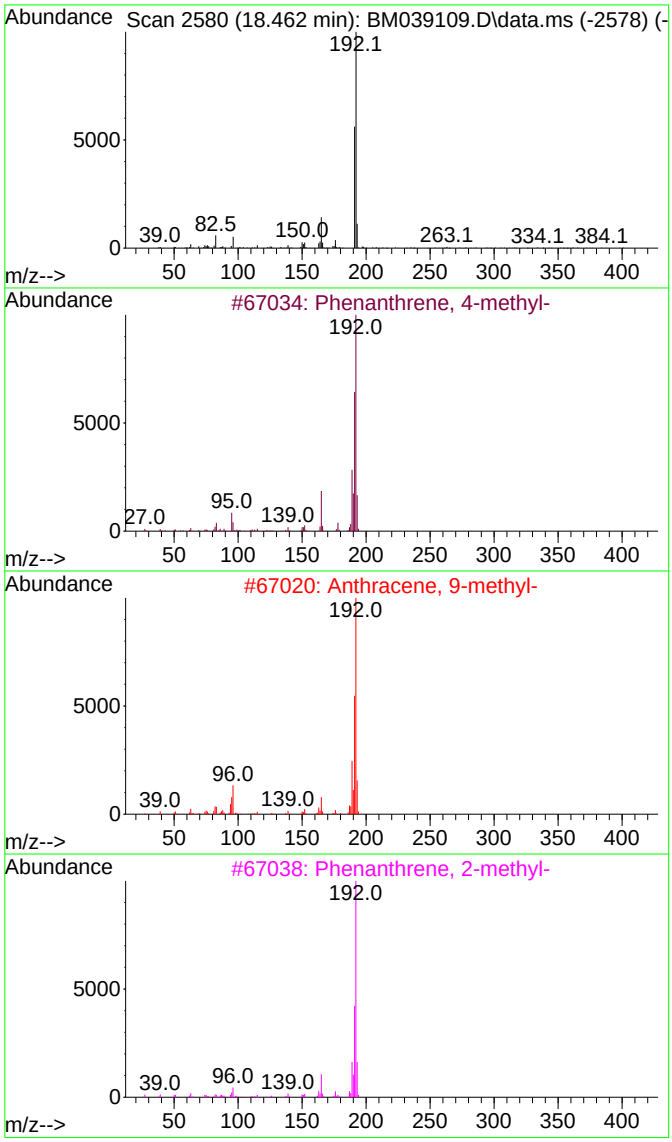
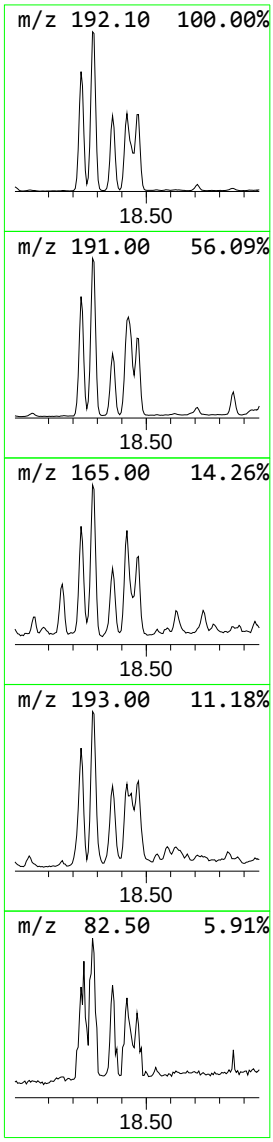
Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.462	5.98 ng	1029660	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80





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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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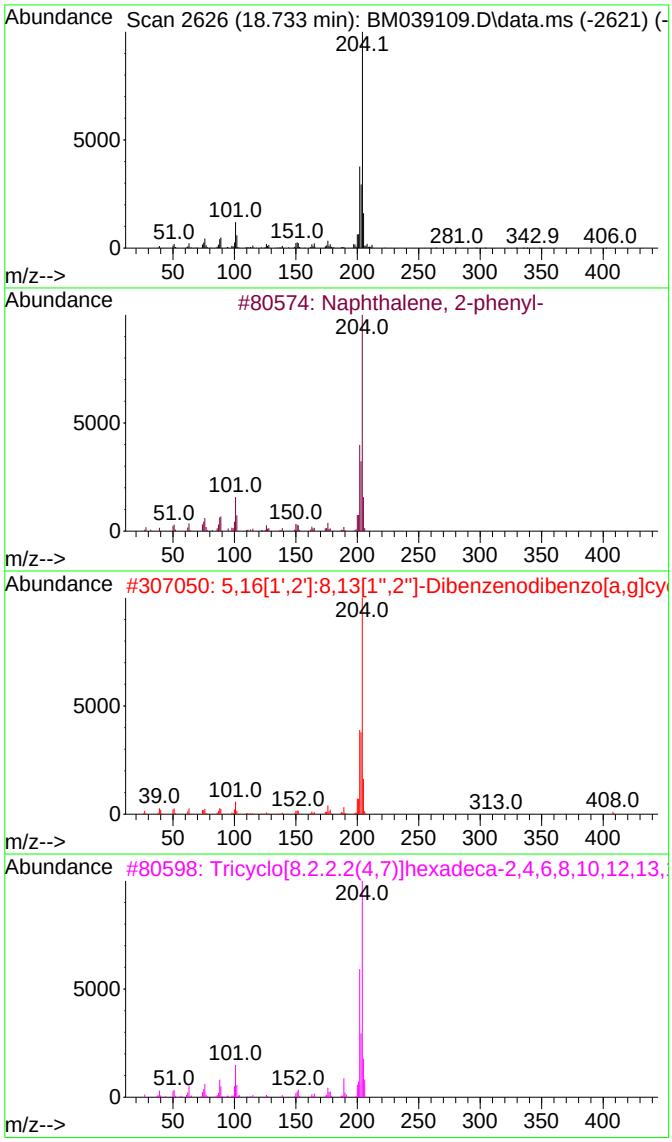
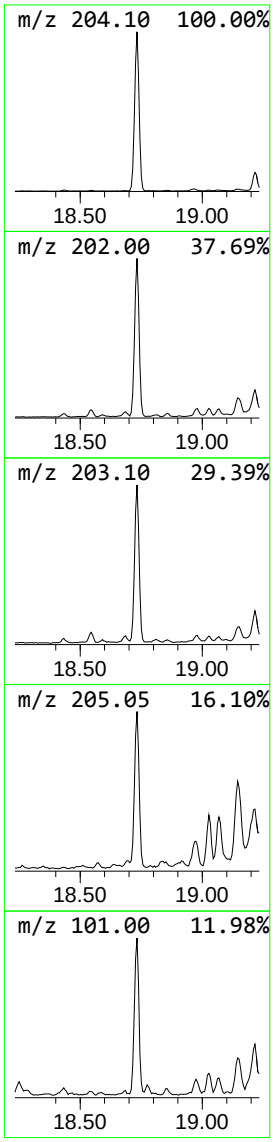
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	9.67 ng	1665170	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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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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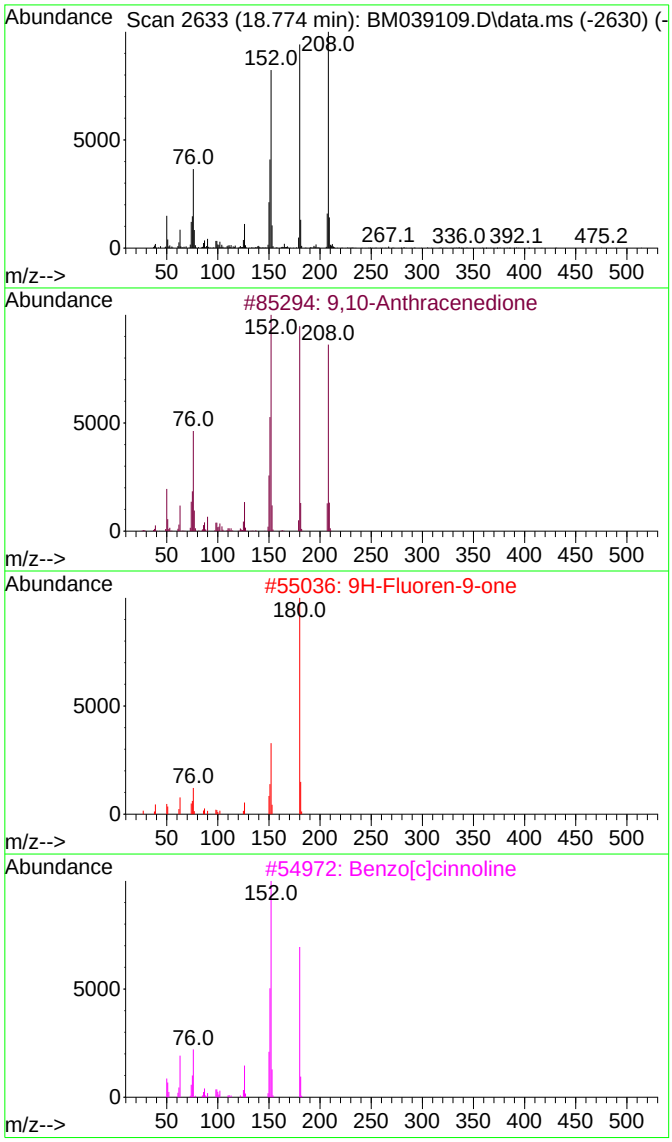
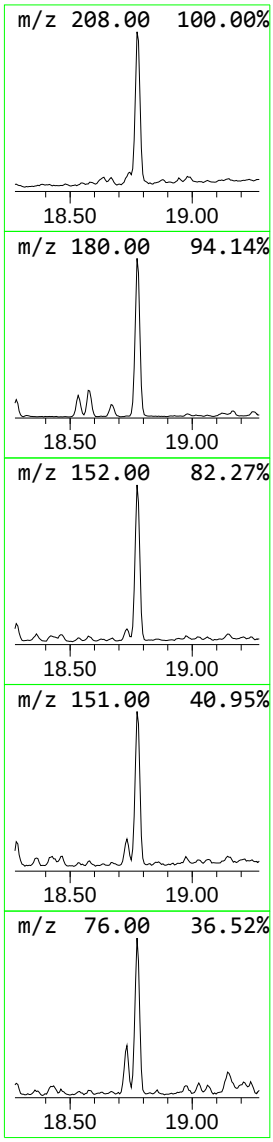
Peak Number 11 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.774	7.35 ng	1264610	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





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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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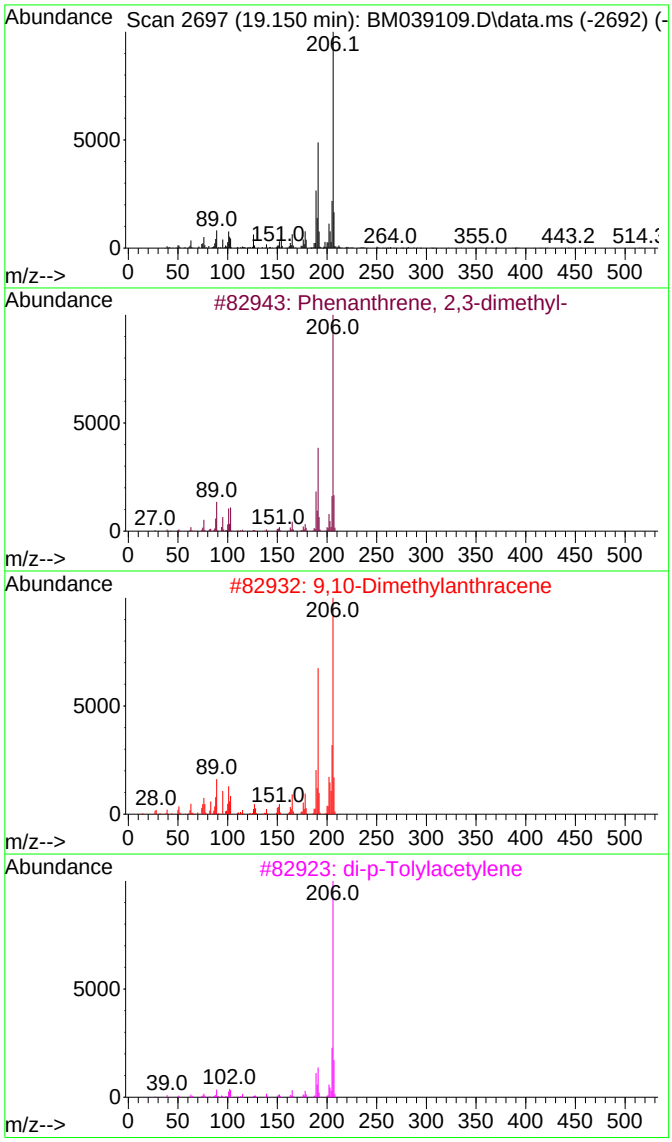
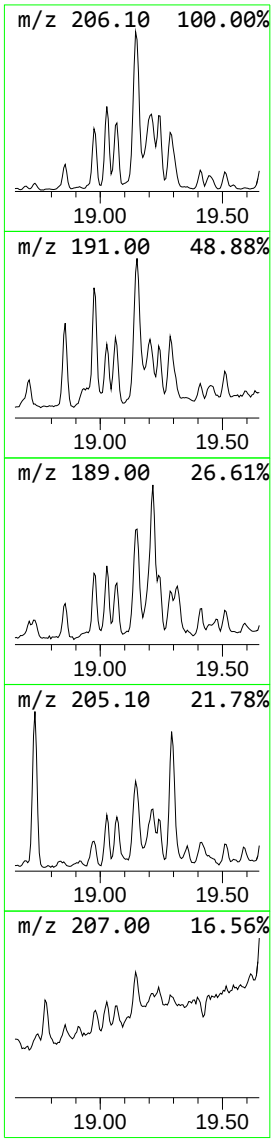
Peak Number 12 Phenanthrene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.150	7.64 ng	1315640	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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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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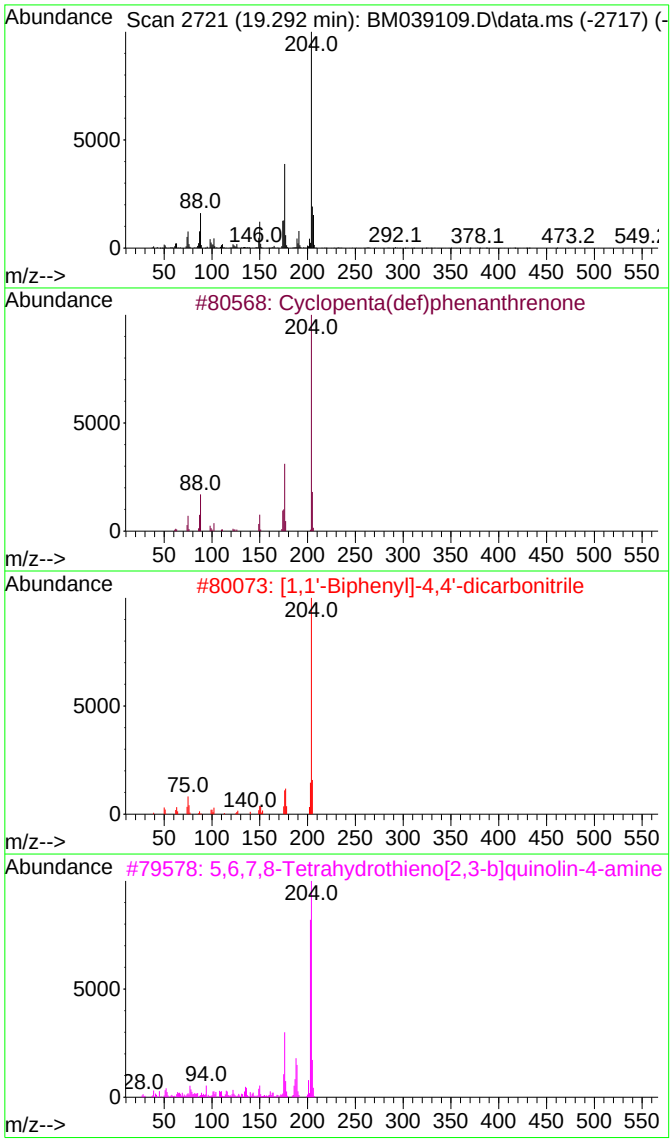
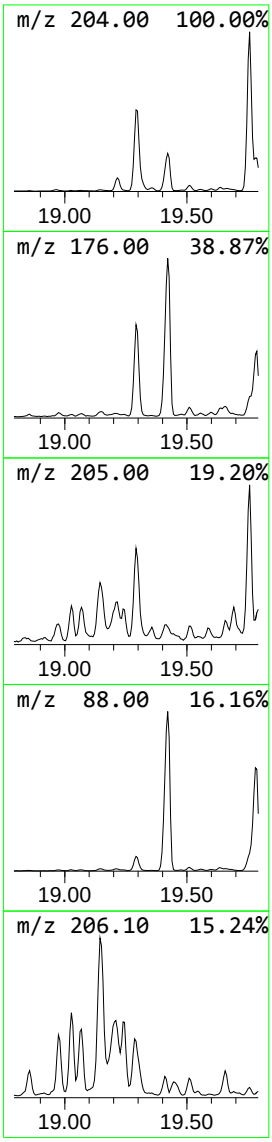
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	9.87 ng	1699030	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47





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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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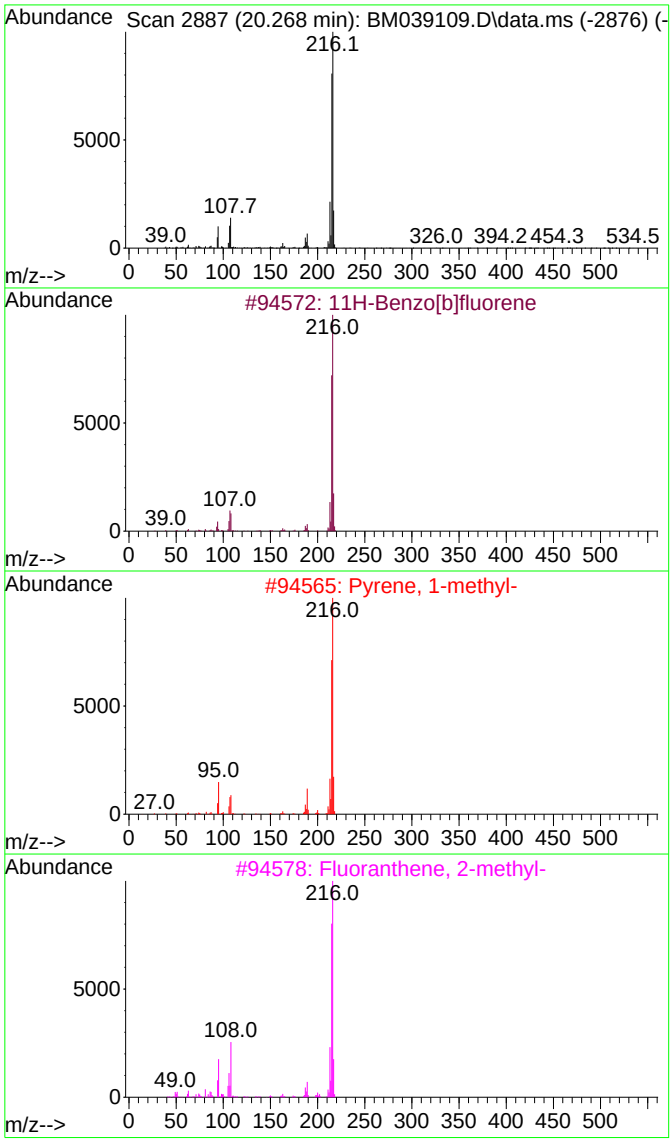
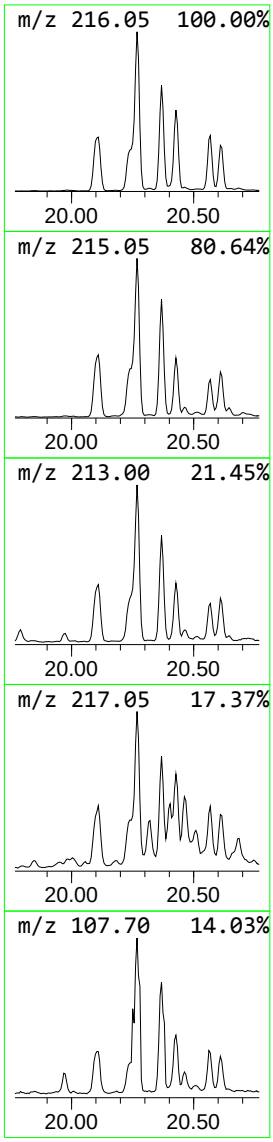
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.268	5.14 ng	4792490	Chrysene-d12	21.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





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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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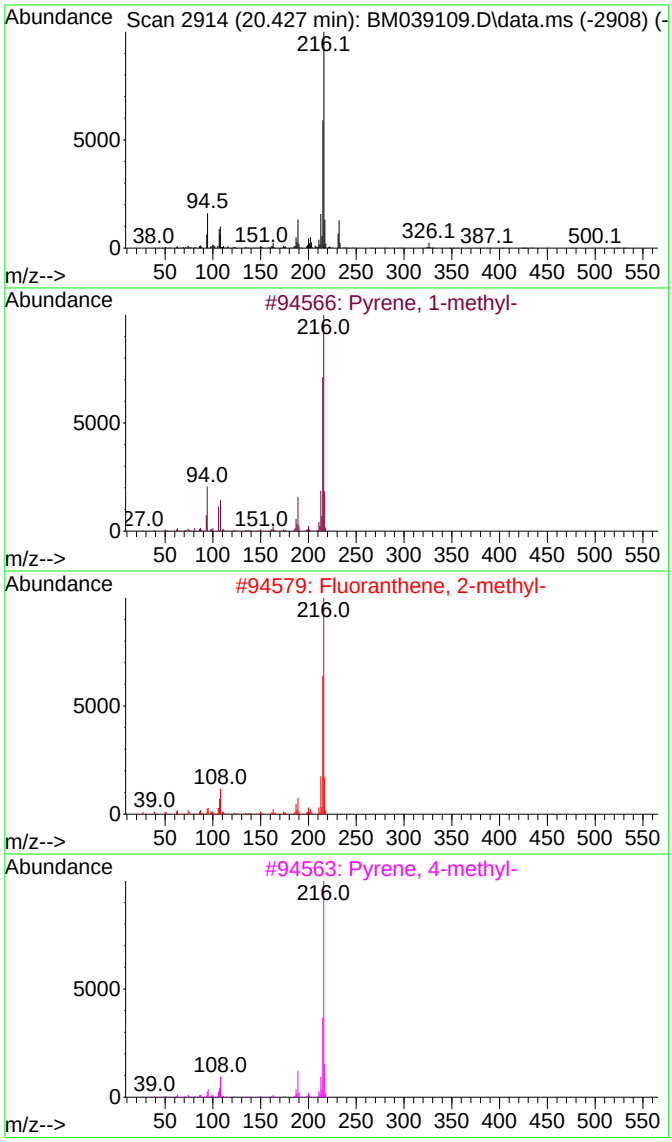
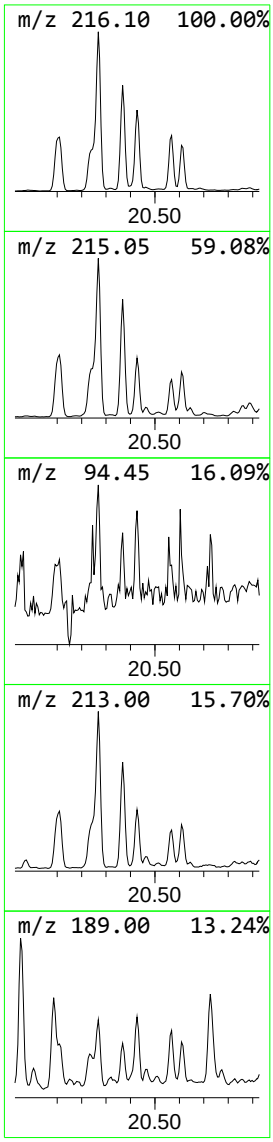
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.427	2.54 ng	2371410	Chrysene-d12	21.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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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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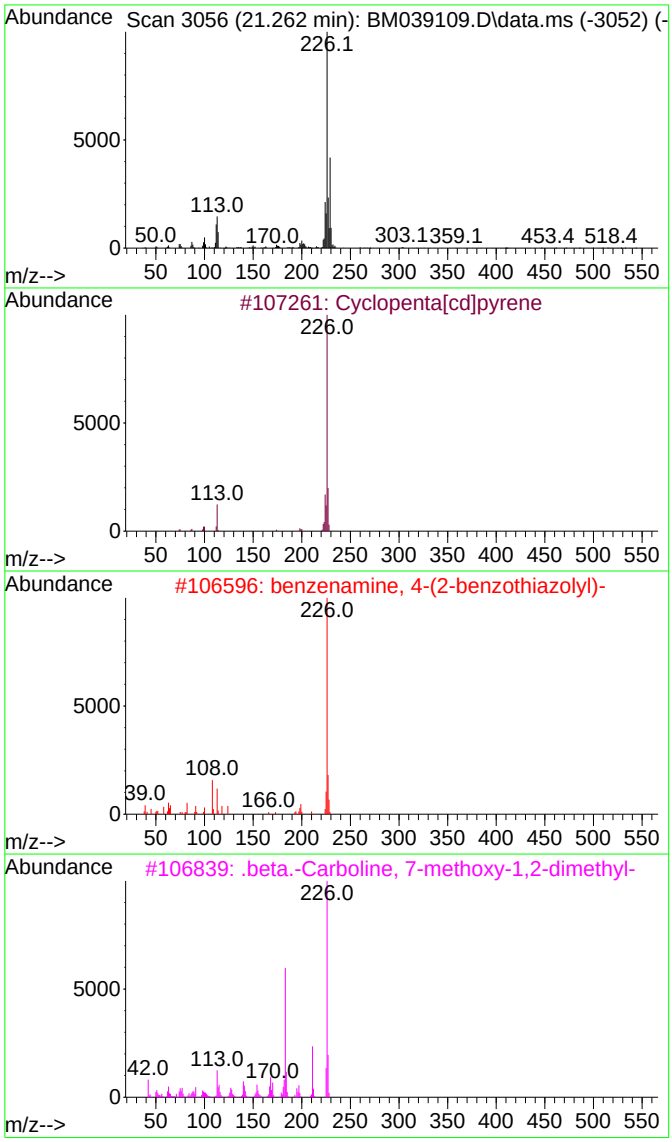
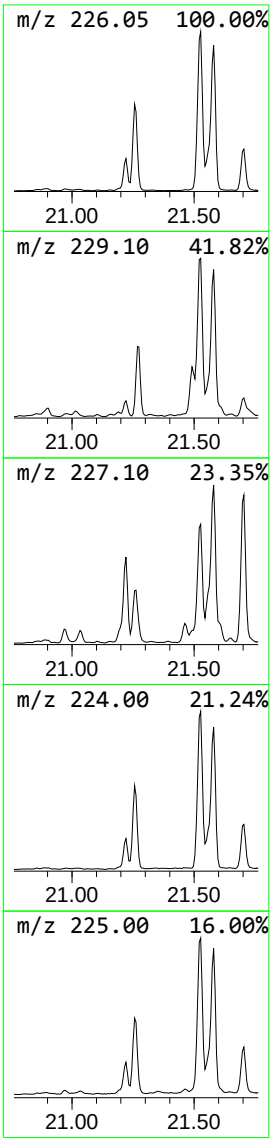
Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.262	2.90 ng	2708450	Chrysene-d12	21.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	47
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43





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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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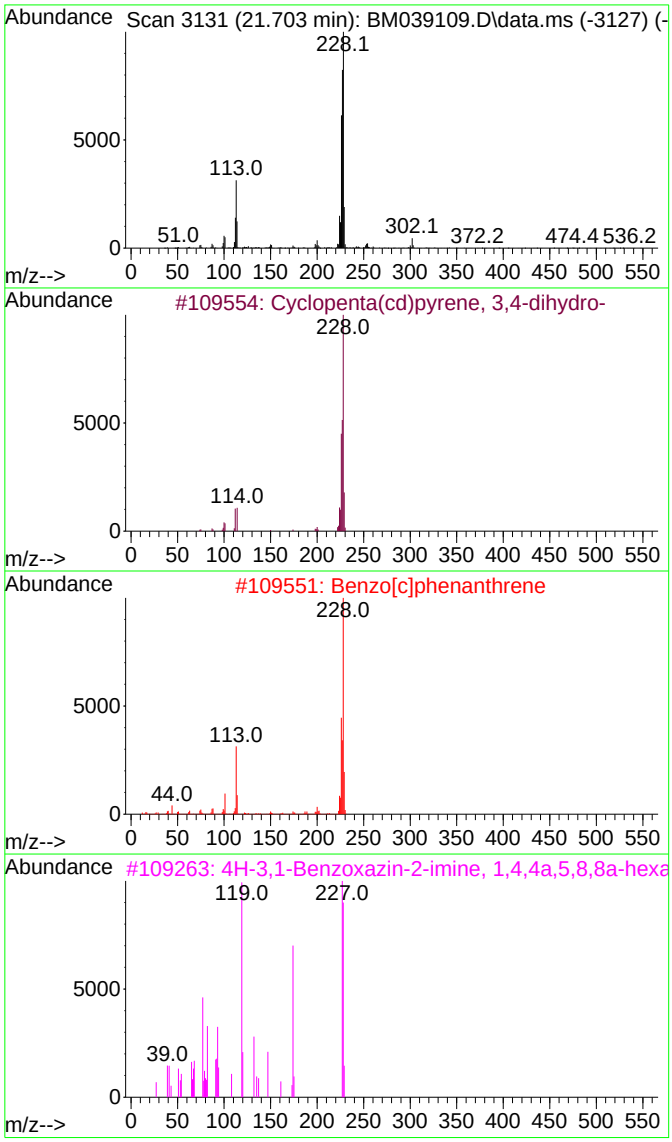
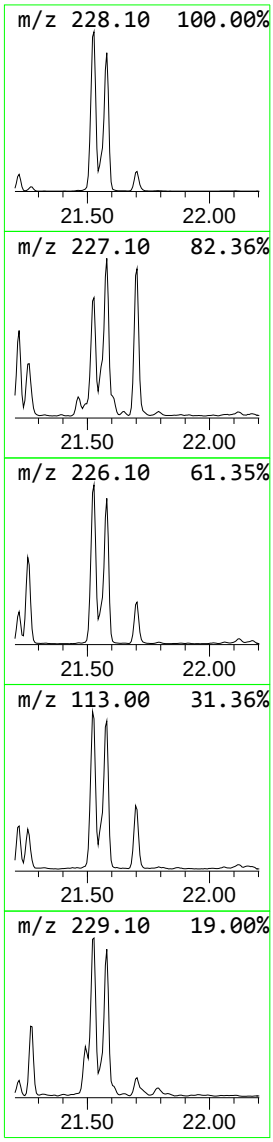
Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.703	2.89 ng	2694680	Chrysene-d12	21.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	70
3	4H-3,1-Benzoxazin-2-imine, 1,4,4...	228	C14H16N2O	1000139-29-1	53
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	52
5	Triphenylene	228	C18H12	000217-59-4	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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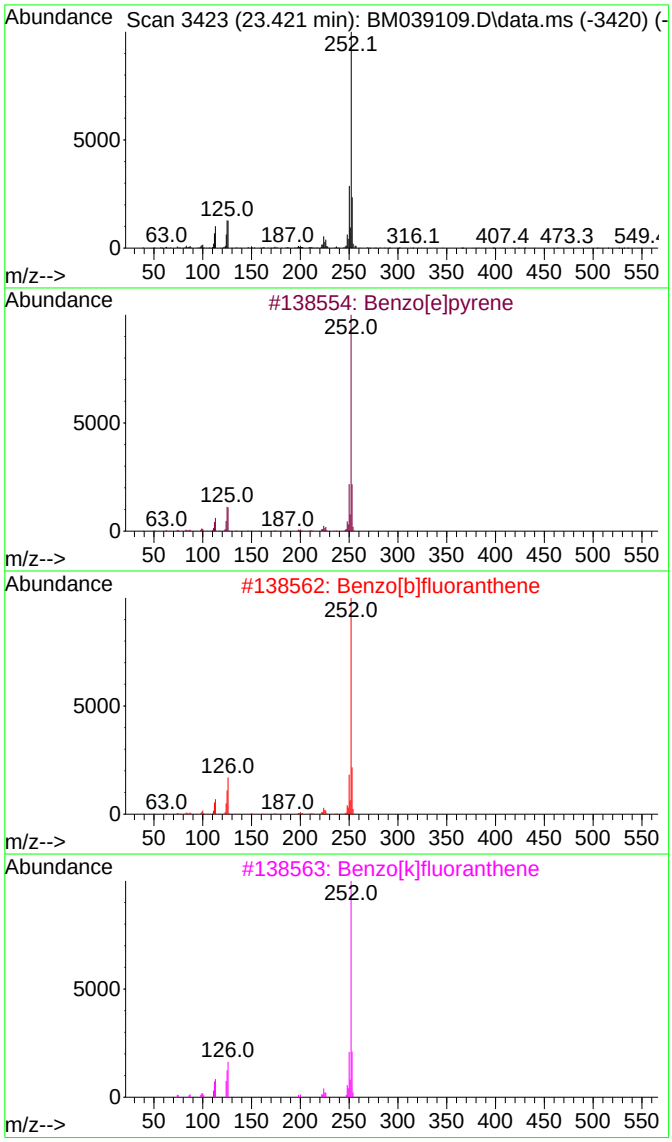
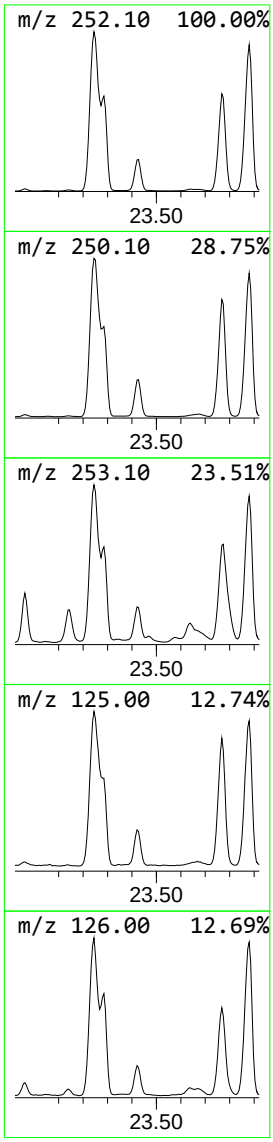
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.421	9.83 ng	2503360	Perylene-d12	23.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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ClientSampleId :
JPP-6A-031423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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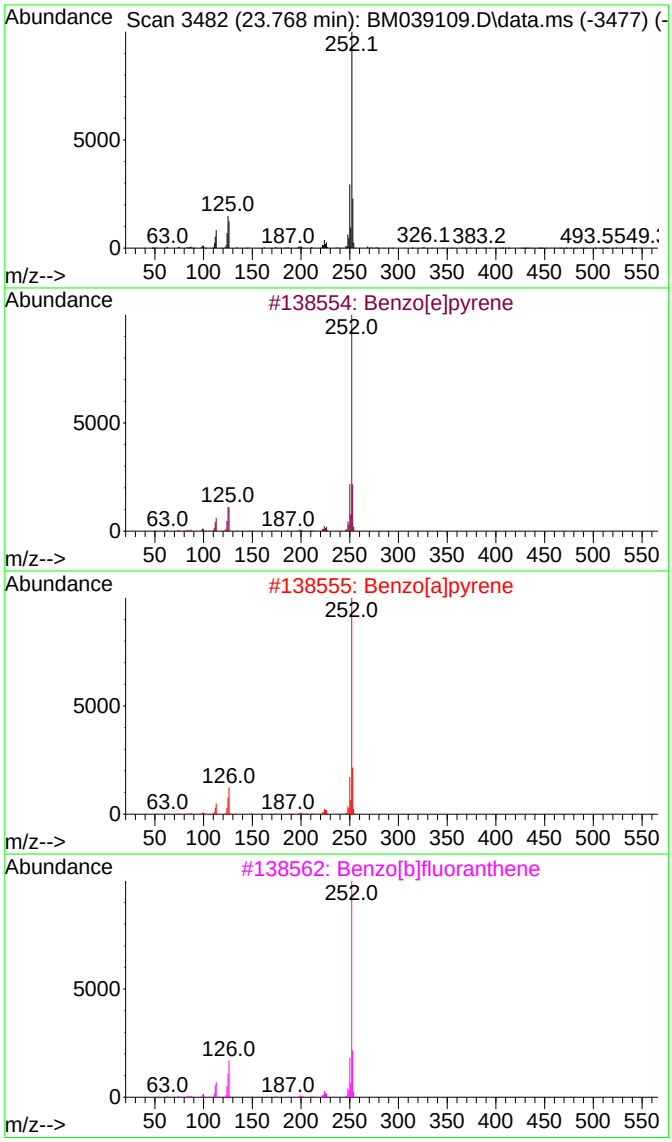
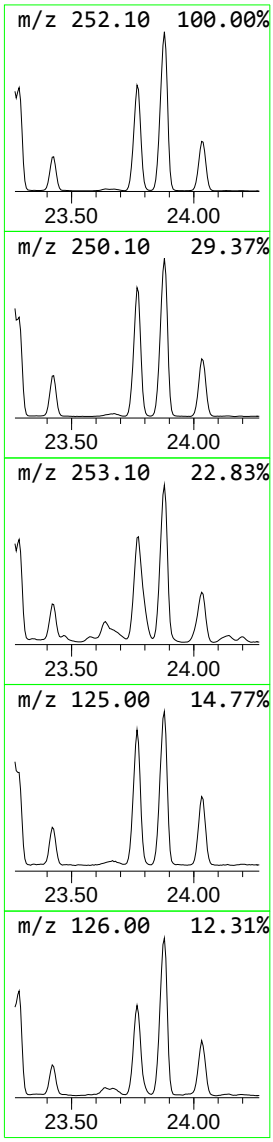
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.768	40.49 ng	10309900	Perylene-d12	23.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039109.D
Acq On : 23 Mar 2023 01:46
Operator : CG/JU
Sample : 01932-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6A-031423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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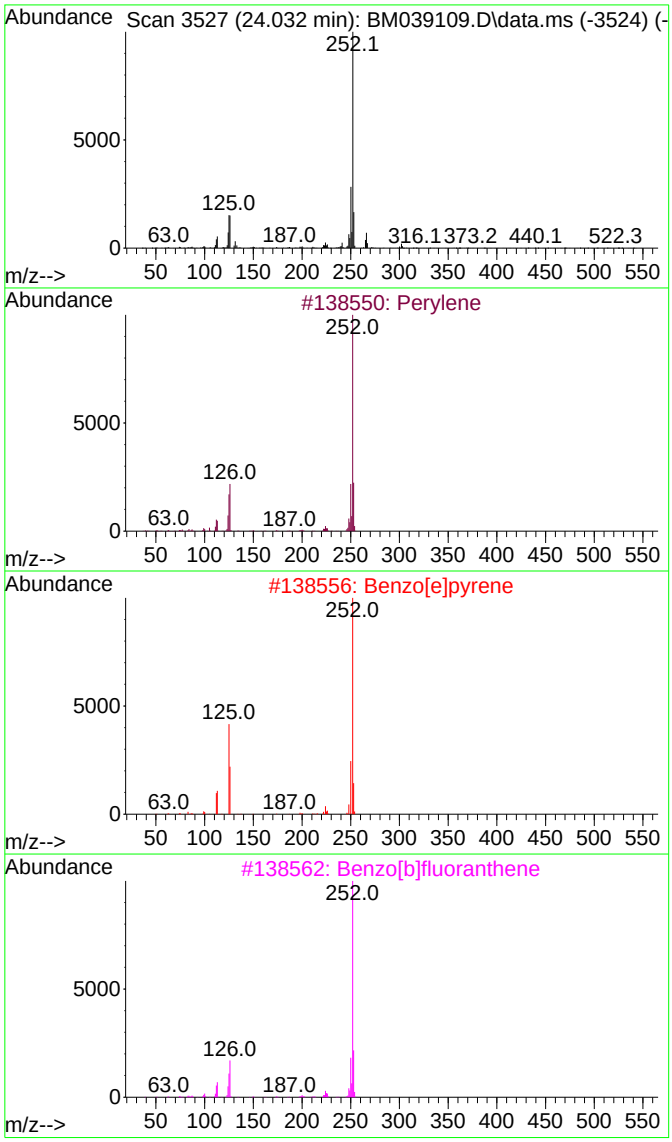
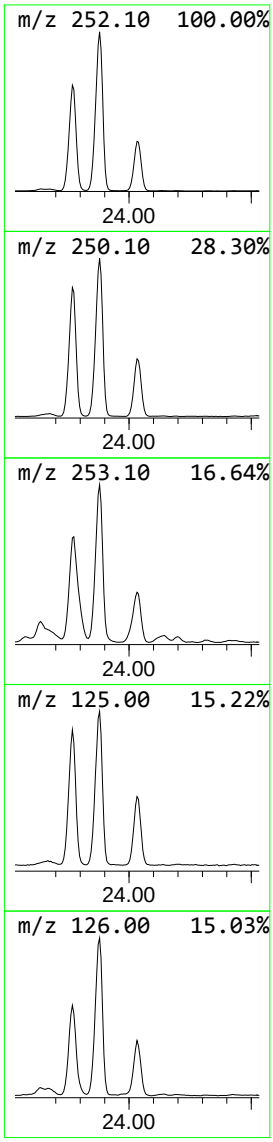
Peak Number 20 unknown24.032 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.032	20.00 ng	5092200	Perylene-d12	23.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039109.D
Acq On : 23 Mar 2023 01:46
Operator : CG/JU
Sample : 01932-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6A-031423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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
2-Pentanone, 4-...	5.057	5.1	ng	481917	1	7.969	1898470	20.0
Dibenzofuran, 4...	15.951	4.6	ng	720858	3	14.610	3119950	20.0
9H-Fluoren-9-one	17.009	5.1	ng	873429	4	17.356	3443250	20.0
Dibenzothiophene	17.174	7.0	ng	1197600	4	17.356	3443250	20.0
Anthracene, 2-m...	18.233	13.6	ng	2348600	4	17.356	3443250	20.0
Phenanthrene, 2...	18.280	14.4	ng	2477810	4	17.356	3443250	20.0
1H-Cyclopropa[l...	18.362	5.8	ng	995839	4	17.356	3443250	20.0
4H-Cyclopenta[d...	18.433	24.1	ng	4141330	4	17.356	3443250	20.0
Phenanthrene, 4...	18.462	6.0	ng	1029660	4	17.356	3443250	20.0
Naphthalene, 2-...	18.733	9.7	ng	1665170	4	17.356	3443250	20.0
9,10-Anthracene...	18.774	7.3	ng	1264610	4	17.356	3443250	20.0
Phenanthrene, 2...	19.150	7.6	ng	1315640	4	17.356	3443250	20.0
Cyclopenta(def)...	19.292	9.9	ng	1699030	4	17.356	3443250	20.0
11H-Benzo[b]flu...	20.268	5.1	ng	4792490	5	21.538	18662700	20.0
Pyrene, 1-methyl-	20.427	2.5	ng	2371410	5	21.538	18662700	20.0
Cyclopenta[cd]p...	21.262	2.9	ng	2708450	5	21.538	18662700	20.0
Cyclopenta(cd)p...	21.703	2.9	ng	2694680	5	21.538	18662700	20.0
Benzo[e]pyrene	23.421	9.8	ng	2503360	6	23.980	5092200	20.0
Perylene	23.768	40.5	ng	10309900	6	23.980	5092200	20.0
unknown24.032	24.032	20.0	ng	5092200	6	23.980	5092200	20.0