LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039108.D
Acq On : 23 Mar 2023 01:08
Operator : CG/JU
Sample : 01932-19 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6C-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: BM039108.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	439231	615488	2.82%	0.366%
2	5.528	375	381	390	rVB	1109893	1576632	7.23%	0.937%
3	7.134	647	654	664	rBV	977296	1552274	7.12%	0.923%
4	7.969	789	796	804	rBV	1300815	2014077	9.24%	1.197%
5	9.139	988	995	1001	rBV	537933	899787	4.13%	0.535%
6	10.786	1265	1275	1280	rBV	1546925	2645956	12.13%	1.573%
7	13.233	1685	1691	1700	rBV	1450070	2047768	9.39%	1.217%
8	14.610	1916	1925	1931	rBV	2173558	3130594	14.36%	1.861%
9	14.674	1931	1936	1944	rVB	460776	678122	3.11%	0.403%
10	15.010	1987	1993	1999	rVB	246676	389888	1.79%	0.232%
11	15.657	2097	2103	2113	rBV	424914	689850	3.16%	0.410%
12	15.957	2149	2154	2160	rVB2	241421	507871	2.33%	0.302%
13	16.098	2172	2178	2185	rVB	1160390	1705918	7.82%	1.014%
14	16.333	2211	2218	2223	rVB3	204199	411505	1.89%	0.245%
15	16.662	2271	2274	2278	rVB2	158214	222381	1.02%	0.132%
16	17.009	2329	2333	2340	rVB2	272341	413907	1.90%	0.246%
17	17.104	2342	2349	2354	rVV4	201965	484269	2.22%	0.288%
18	17.174	2357	2361	2369	rVB	354374	570235	2.61%	0.339%
19	17.356	2387	2392	2395	rBV	2436582	3454774	15.84%	2.054%
20	17.398	2395	2399	2406	rVV	6384355	9339514	42.83%	5.552%
21	17.486	2410	2414	2420	rVV	1917898	2733604	12.54%	1.625%
22	17.551	2420	2425	2430	rVV2	199790	360944	1.66%	0.215%
23	17.762	2457	2461	2464	rBV	221849	302144	1.39%	0.180%
24	17.874	2477	2480	2484	rVB	237446	289267	1.33%	0.172%
25	17.939	2488	2491	2499	rVB2	189856	291749	1.34%	0.173%
26	18.239	2537	2542	2546	rBV2	1224949	2402137	11.02%	1.428%
27	18.280	2546	2549	2555	rVB	1409554	2086300	9.57%	1.240%
28	18.362	2559	2563	2568	rVV	678930	912890	4.19%	0.543%
29	18.433	2569	2575	2578	rVV2	1706623	3097931	14.21%	1.842%
30	18.462	2578	2580	2586	rVB	733106	949711	4.36%	0.565%
31	18.733	2622	2626	2630	rBV	954057	1197679	5.49%	0.712%
32	18.774	2630	2633	2640	rVB	532933	724451	3.32%	0.431%
33	18.974	2665	2667	2672	rVB	275368	310410	1.42%	0.185%
34	19.027	2673	2676	2679	rVV	289634	345538	1.58%	0.205%
35	19.068	2680	2683	2686	rVB	285638	331723	1.52%	0.197%
36	19.150	2692	2697	2703	rBV2	683232	1445858	6.63%	0.860%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039108.D
Acq On : 23 Mar 2023 01:08
Operator : CG/JU
Sample : 01932-19 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6C-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	19.292	2717	2721	2729	rBV2	871688	1452779	6.66%	0.864%
38	19.415	2736	2742	2749	rBV	14758809	21807330	100.00%	12.965%
39	19.521	2756	2760	2765	rBV2	574599	844258	3.87%	0.502%
40	19.745	2793	2798	2800	rBV2	2707147	4077245	18.70%	2.424%
41	19.780	2800	2804	2809	rVB	13227023	17502161	80.26%	10.405%
42	19.856	2811	2817	2818	rBV3	1799058	3087851	14.16%	1.836%
43	20.268	2884	2887	2891	rVB	1661383	2037711	9.34%	1.211%
44	20.368	2901	2904	2908	rVB	879197	957413	4.39%	0.569%
45	20.568	2935	2938	2941	rBV	594895	714628	3.28%	0.425%
46	21.015	3011	3014	3020	rVB	1075146	1506202	6.91%	0.895%
47	21.221	3046	3049	3052	rVB	1053899	1214808	5.57%	0.722%
48	21.256	3053	3055	3060	rVB2	1049311	1474710	6.76%	0.877%
49	21.527	3096	3101	3106	rBV3	7728053	14663818	67.24%	8.718%
50	21.580	3106	3110	3121	rVB	7298441	13282591	60.91%	7.897%
51	21.697	3127	3130	3136	rVB	1227360	1549175	7.10%	0.921%
52	23.238	3386	3392	3397	rBV	5012596	12311378	56.46%	7.319%
53	23.762	3477	3481	3492	rVB	3659341	8142529	37.34%	4.841%
54	23.874	3494	3500	3507	rVB	5122130	10447629	47.91%	6.211%

Sum of corrected areas: 168207362

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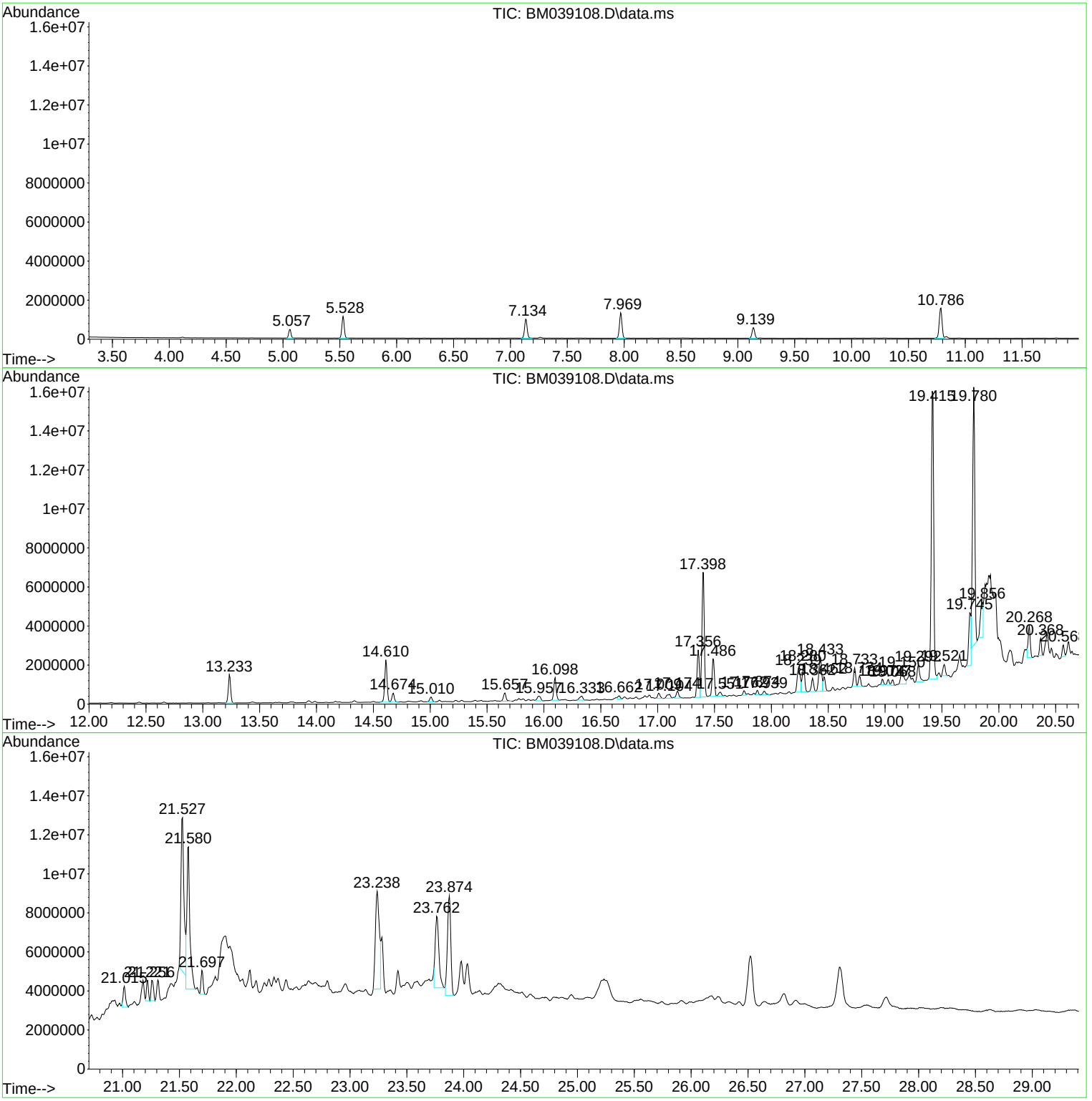
Instrument :
BNA_M
ClientSampleId :
JPP-6C-031423

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 : BM039108.D
Acq On : 23 Mar 2023 01:08
Operator : CG/JU
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BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

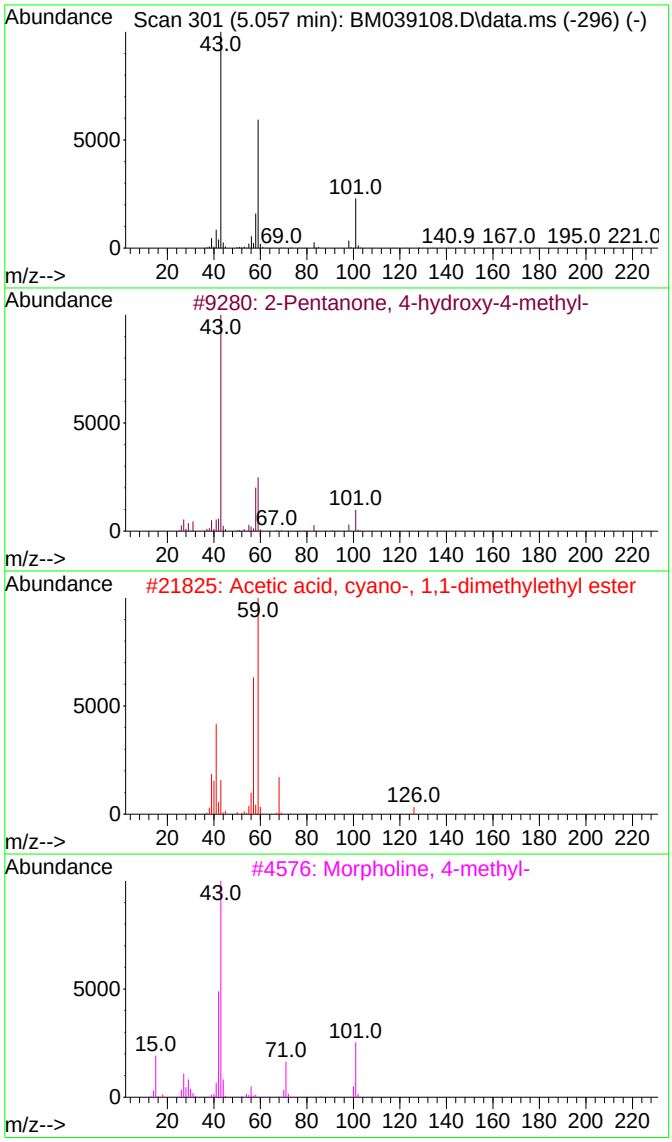
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

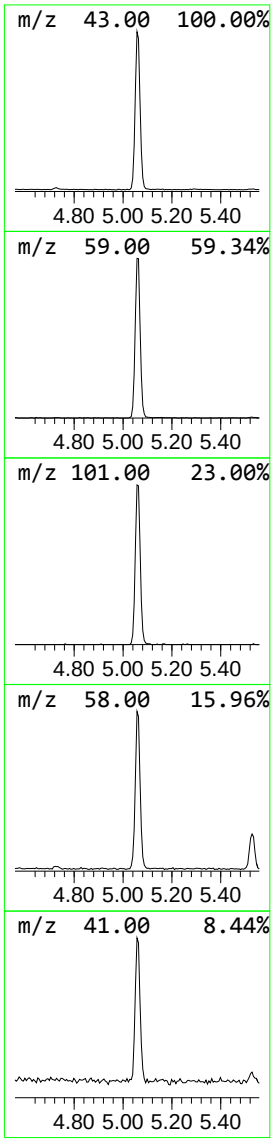
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	6.11 ng	615488	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	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039108.D
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Operator : CG/JU
Sample : 01932-19 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6C-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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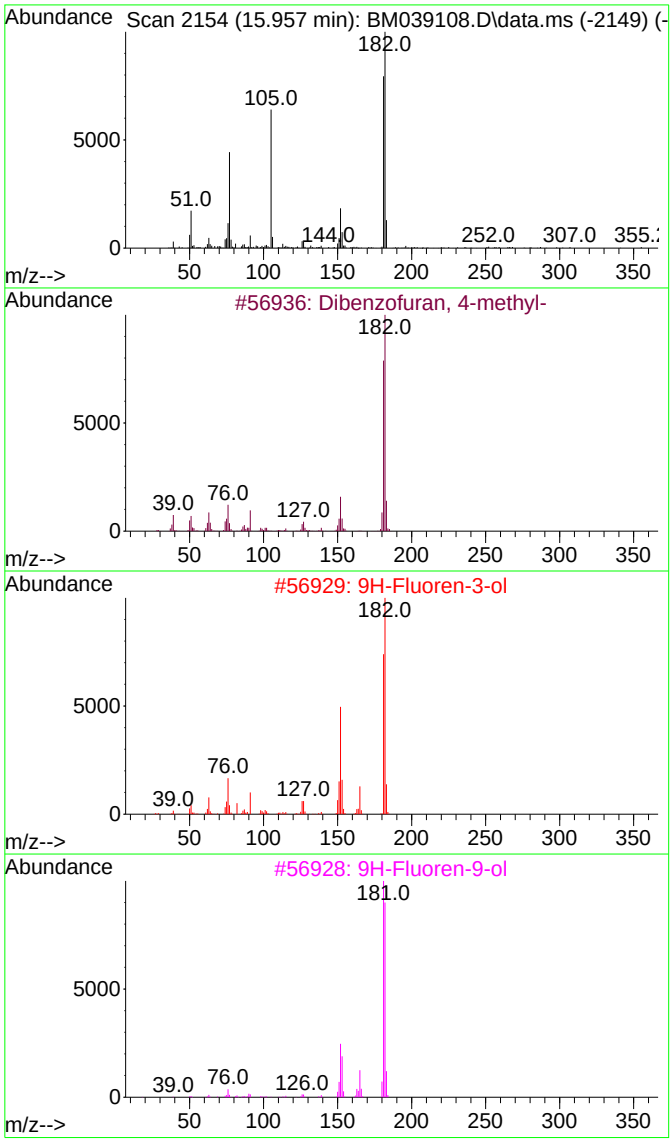
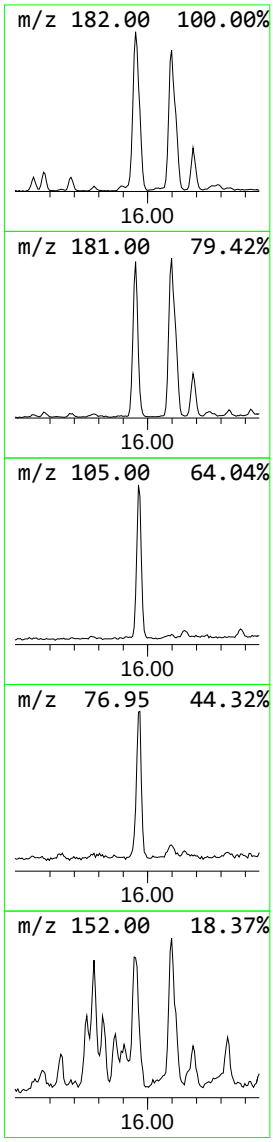
Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.957	3.24 ng	507871	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	68
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039108.D
Acq On : 23 Mar 2023 01:08
Operator : CG/JU
Sample : 01932-19 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6C-031423

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

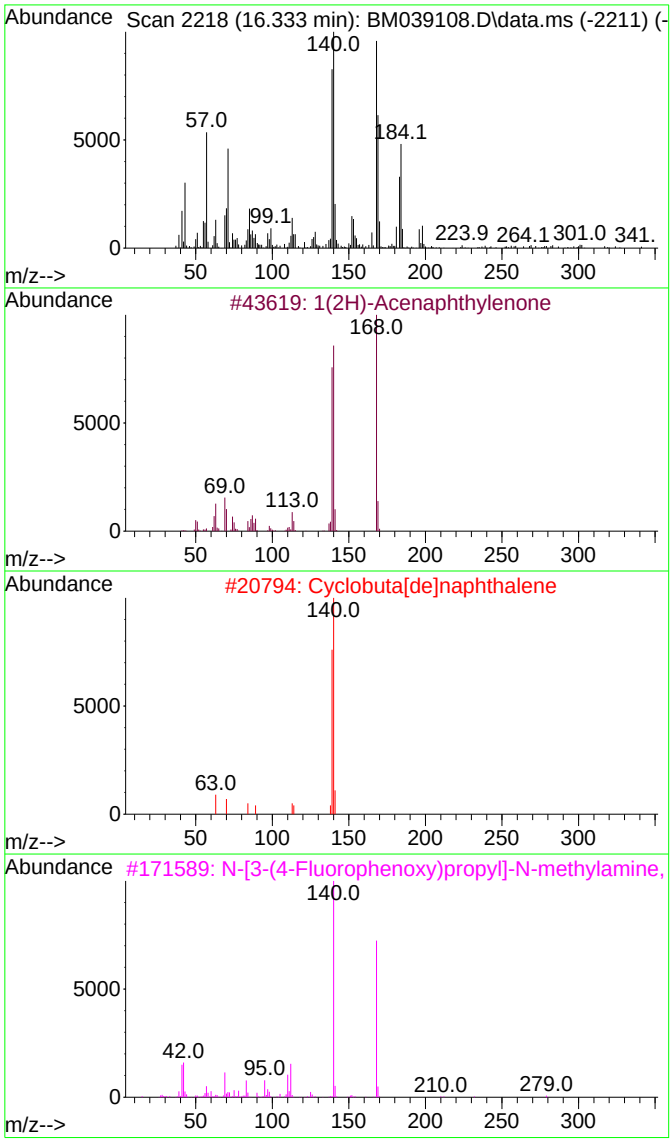
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

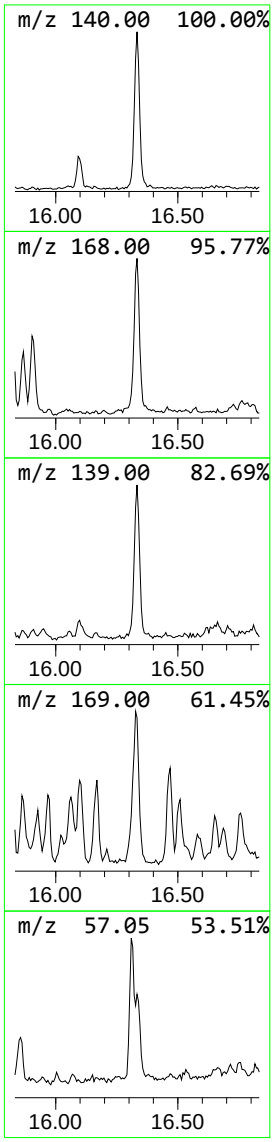
****

Peak Number 4 1(2H)-Acenaphthylenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.333	2.38 ng	411505	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	91
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	30
3	N-[3-(4-Fluorophenoxy)propyl]-N-...	279	C12H13F4NO2	1000507-88-1	30
4	Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	30
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
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Sample : 01932-19 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6C-031423

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

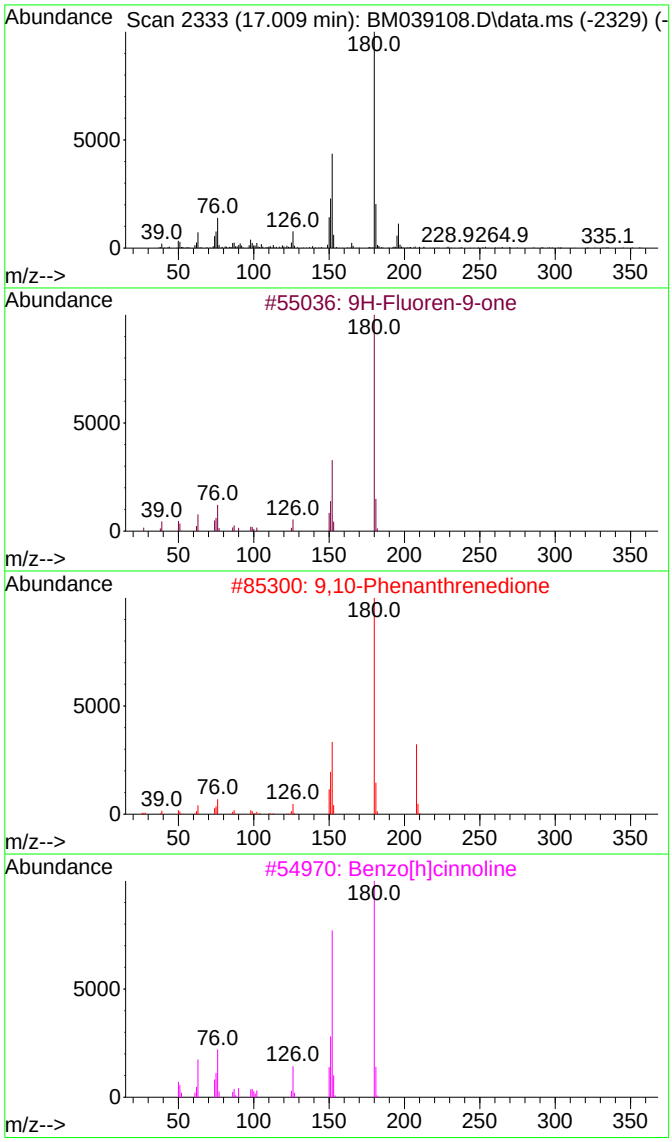
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

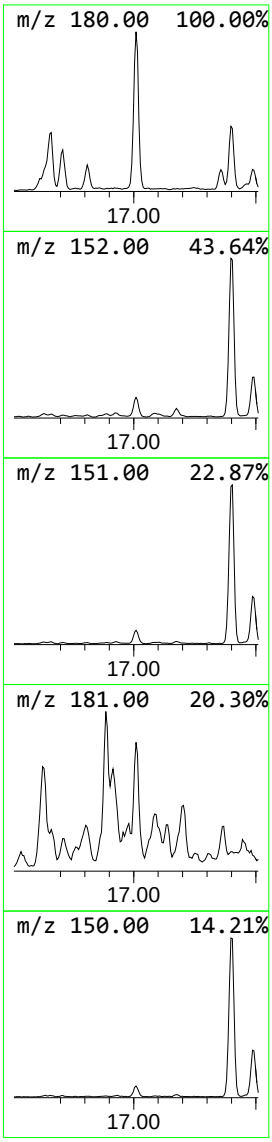
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.009	2.40 ng	413907	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	87
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	74
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
5	Diphenic anhydride	224	C14H8O3	006050-13-1	52





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Data File : BM039108.D
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Sample : 01932-19 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6C-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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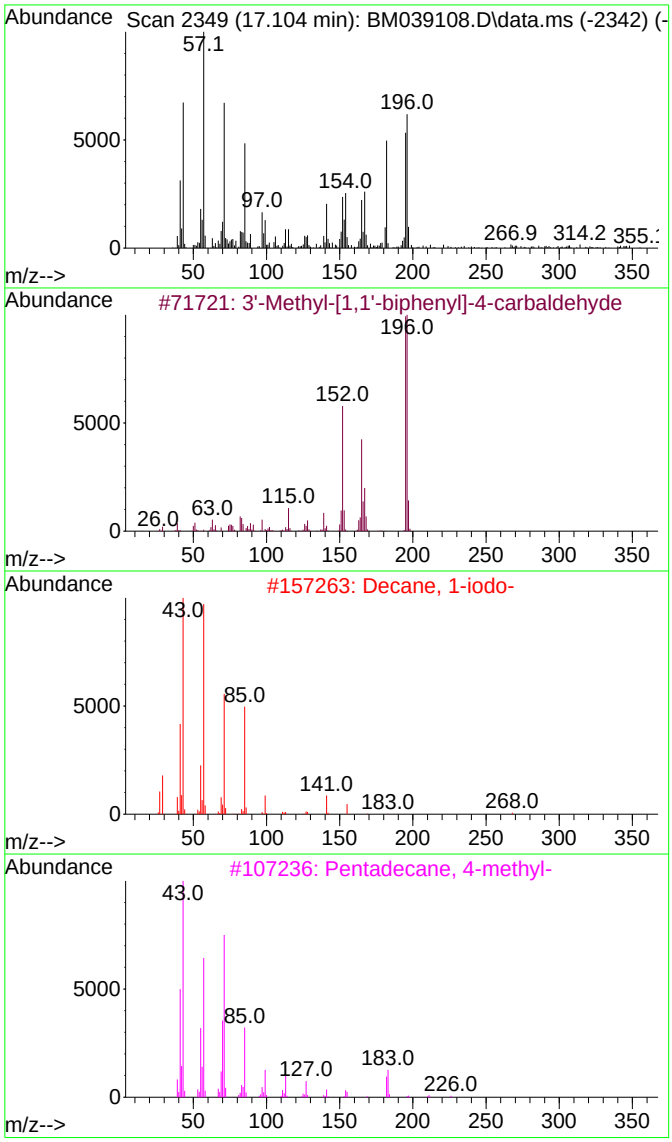
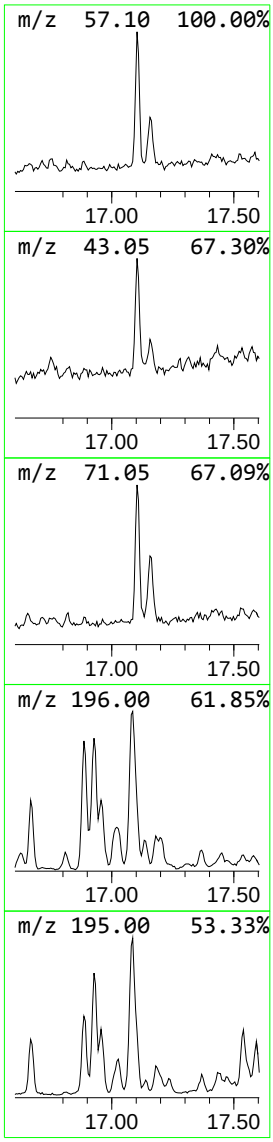
Peak Number 6 unknown17.104 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	2.80 ng	484269	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	42
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	25
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	25
4	Pentadecane	212	C15H32	000629-62-9	25
5	Nonadecane	268	C19H40	000629-92-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
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Acq On : 23 Mar 2023 01:08
Operator : CG/JU
Sample : 01932-19 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6C-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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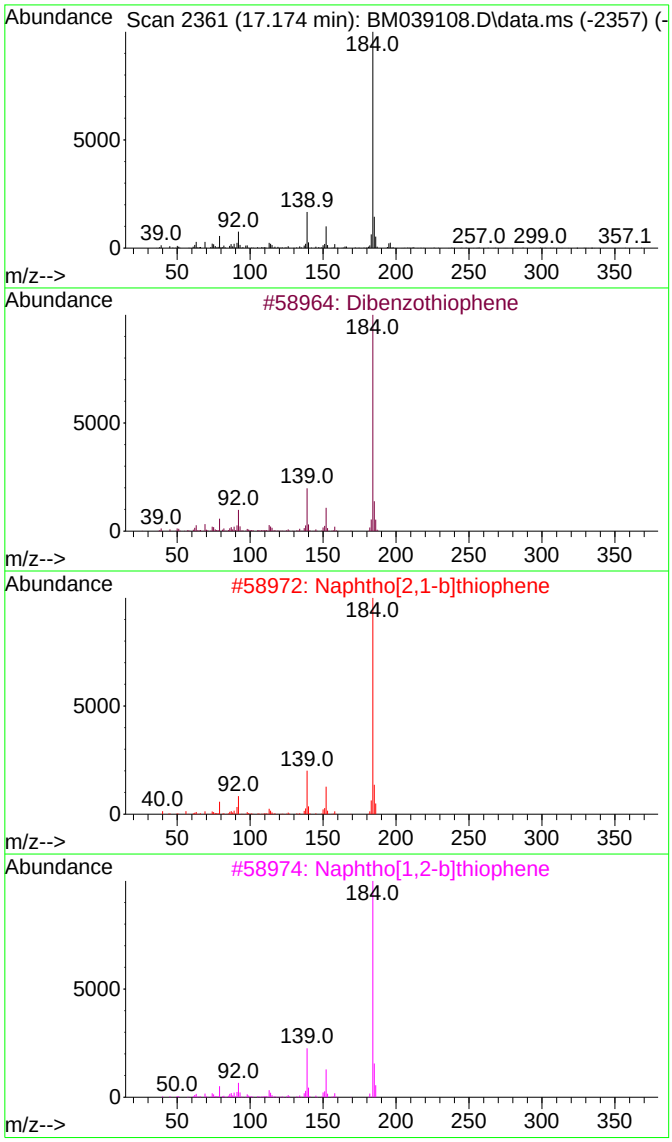
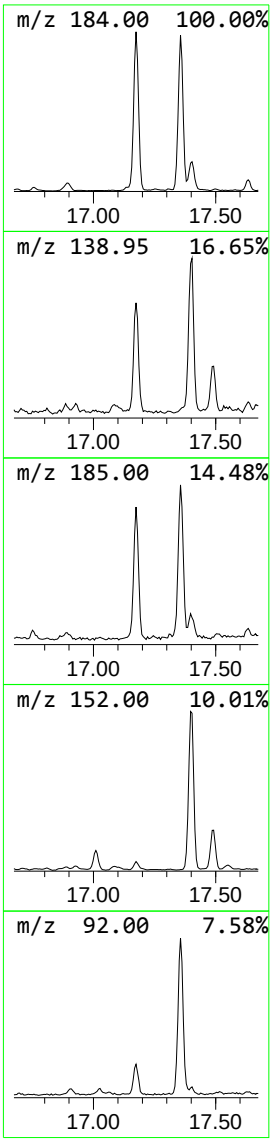
Peak Number 7 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.174	3.30 ng	570235	Phenanthrene-d10	17.356

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	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6C-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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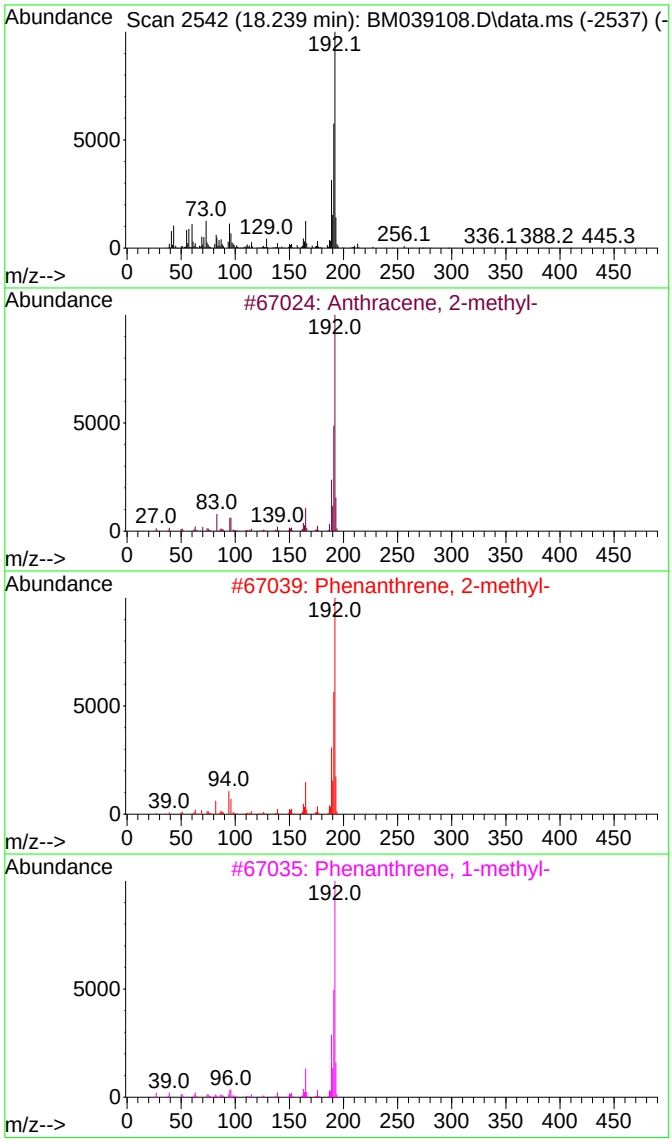
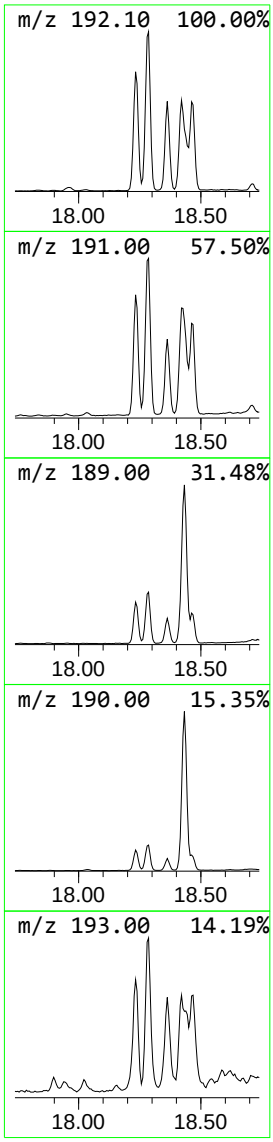
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	13.91 ng	2402140	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-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039108.D
Acq On : 23 Mar 2023 01:08
Operator : CG/JU
Sample : 01932-19 5X
Misc :
ALS Vial : 17 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

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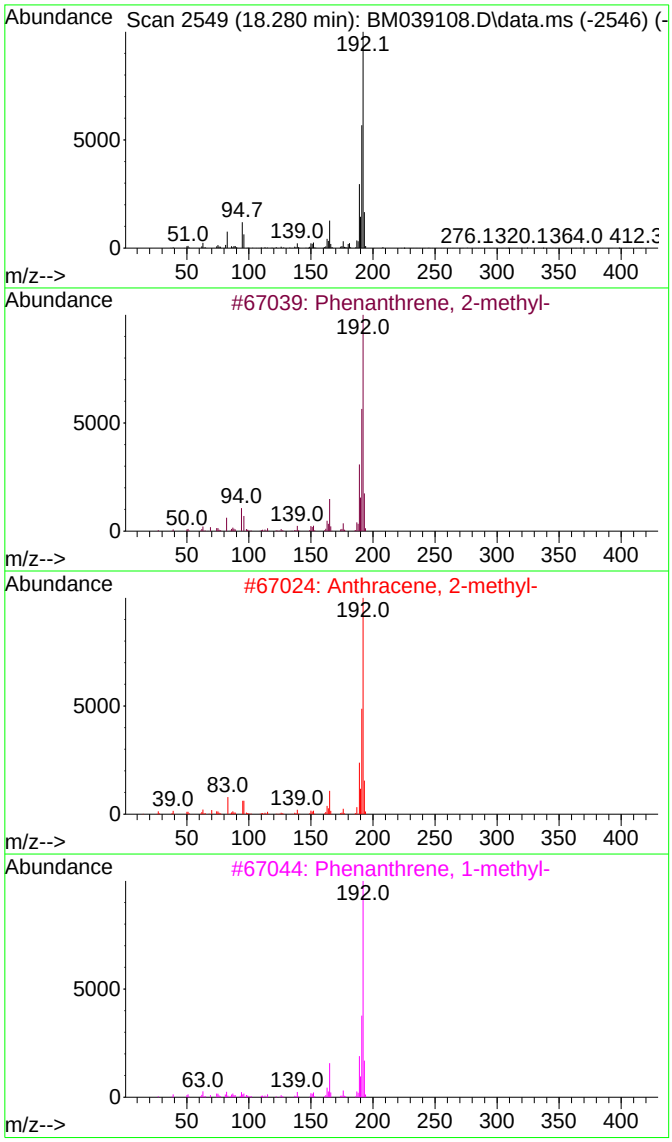
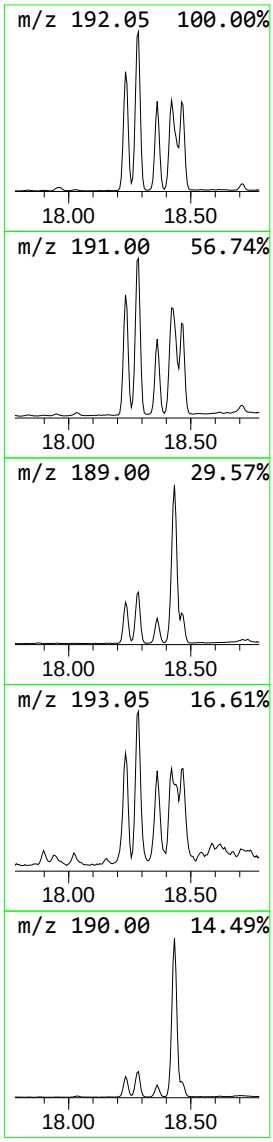
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	12.08 ng	2086300	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	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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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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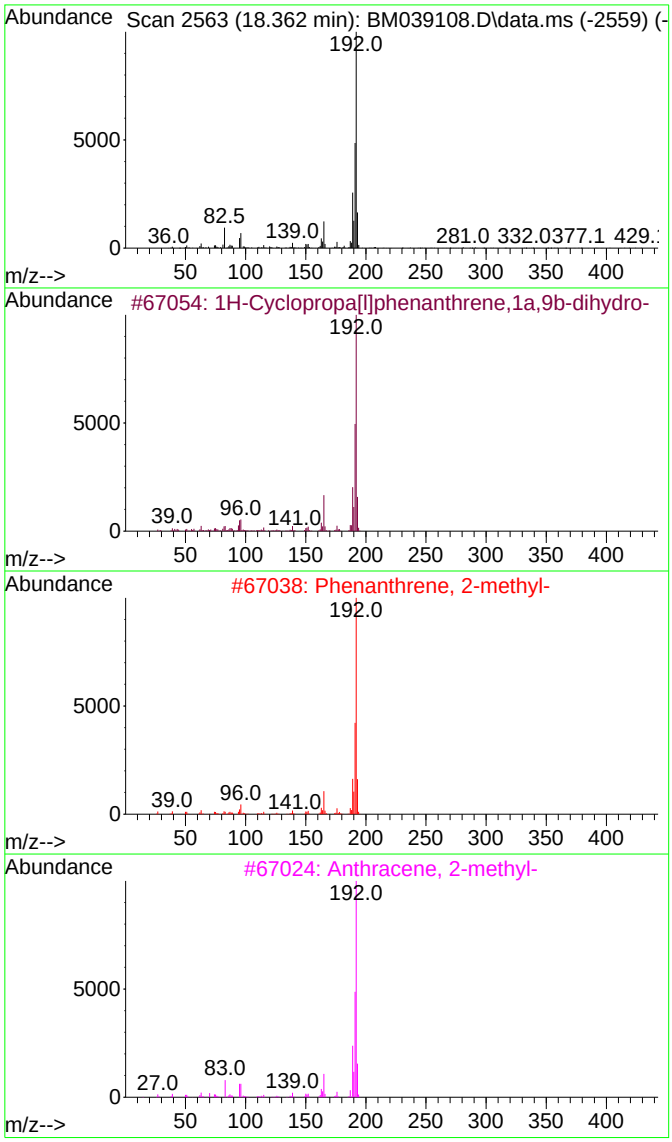
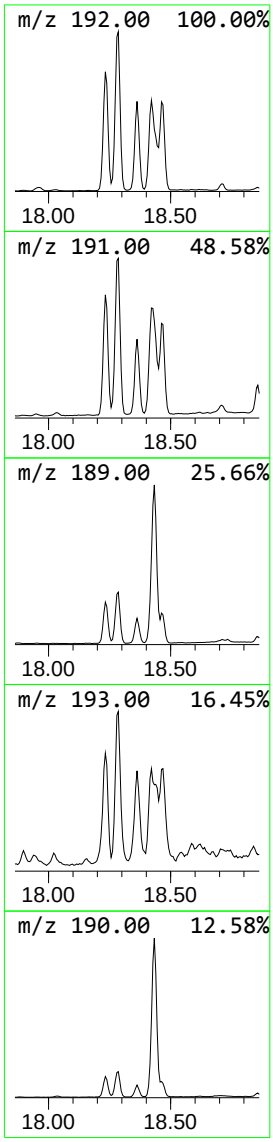
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.362	5.28 ng	912890	Phenanthrene-d10	17.356

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

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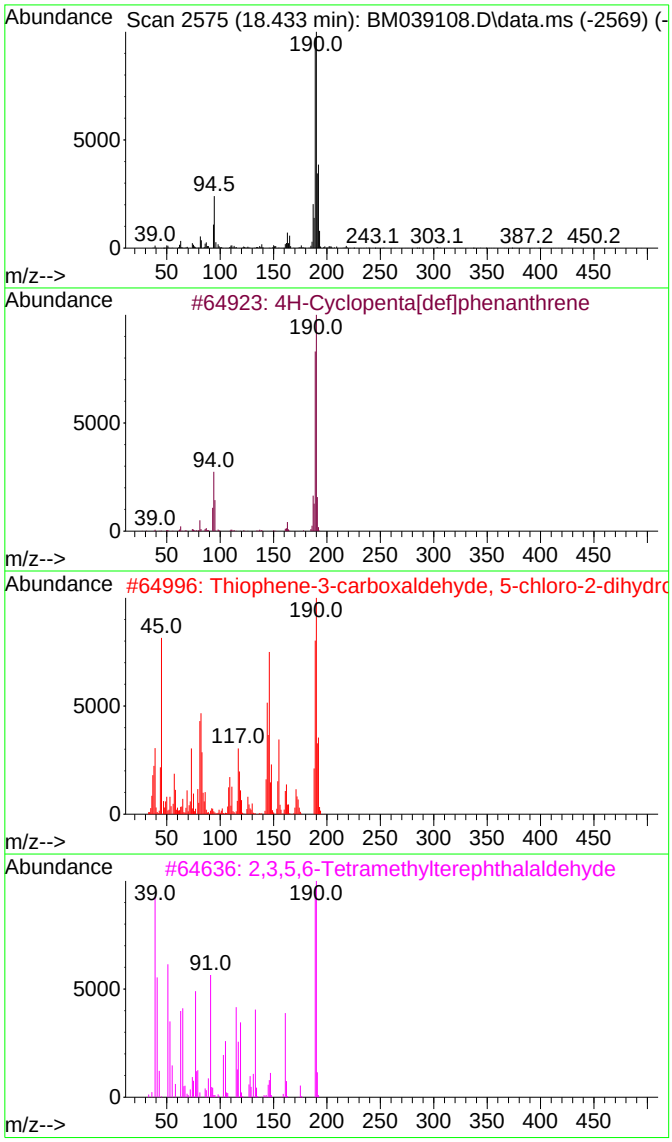
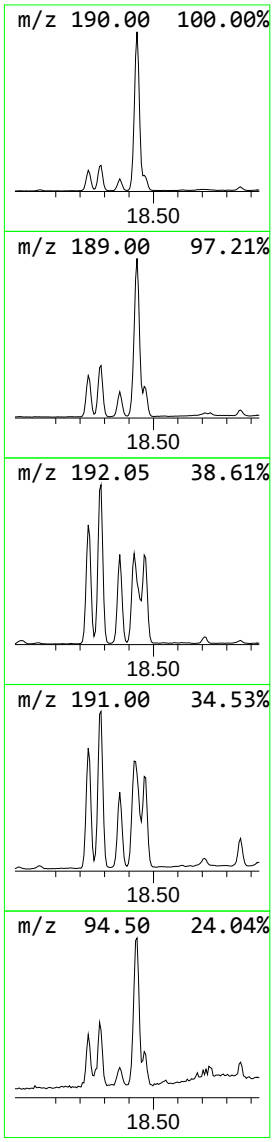
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	17.93 ng	3097930	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	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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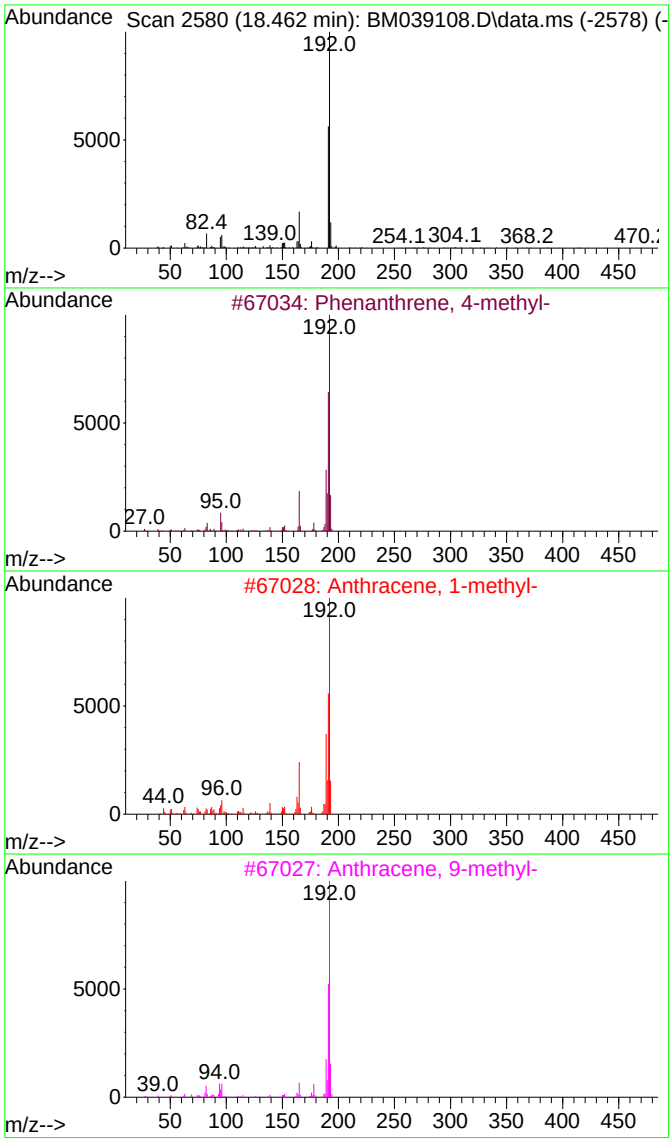
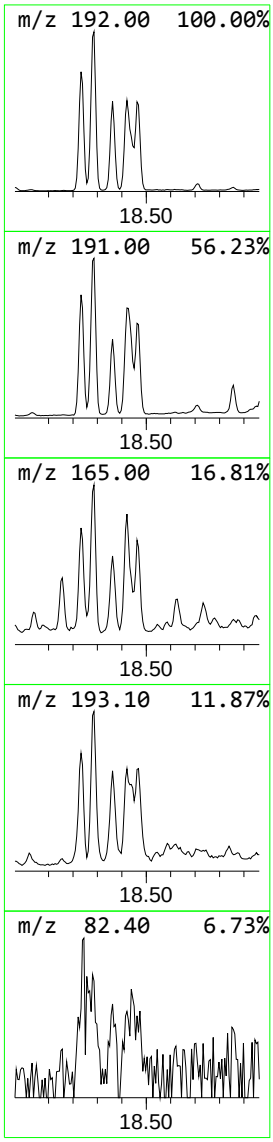
Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.462	5.50 ng	949711	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, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	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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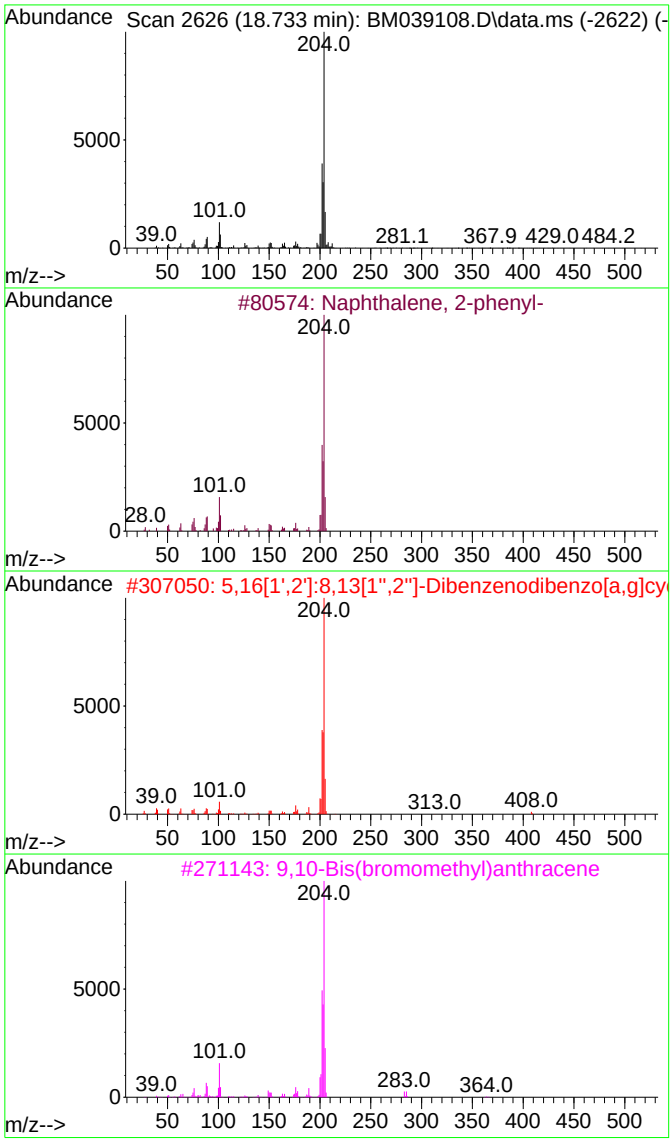
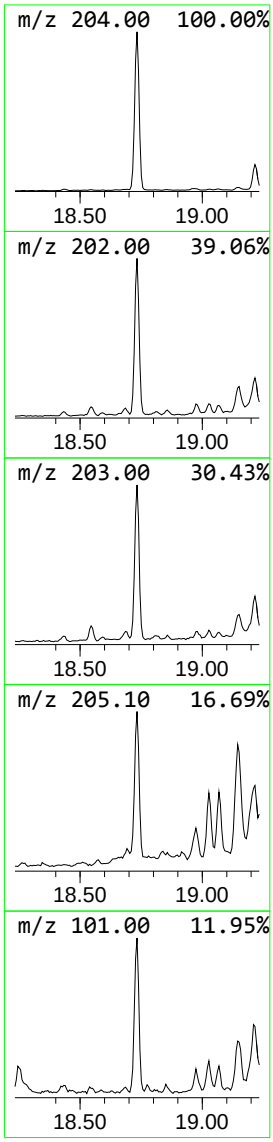
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	6.93 ng	1197680	Phenanthrene-d10	17.356

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	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	68
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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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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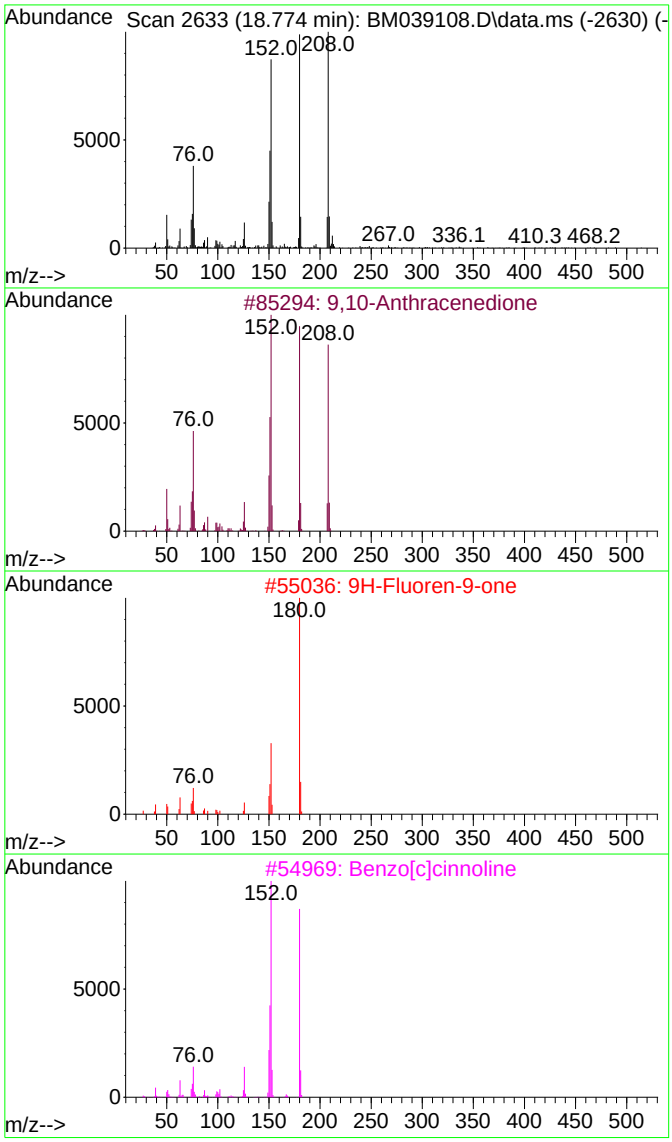
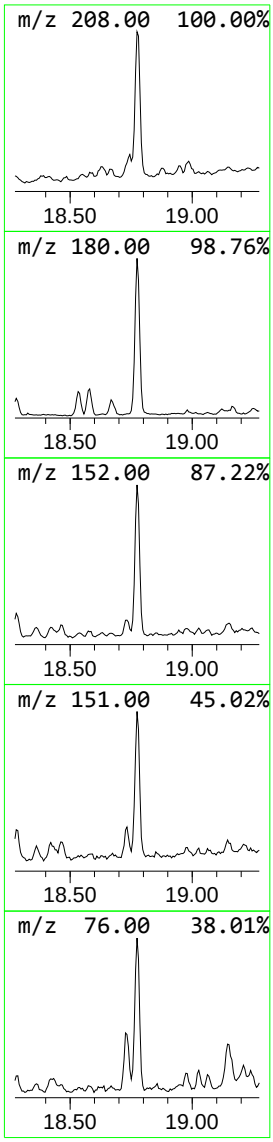
Peak Number 14 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.774	4.19 ng	724451	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53





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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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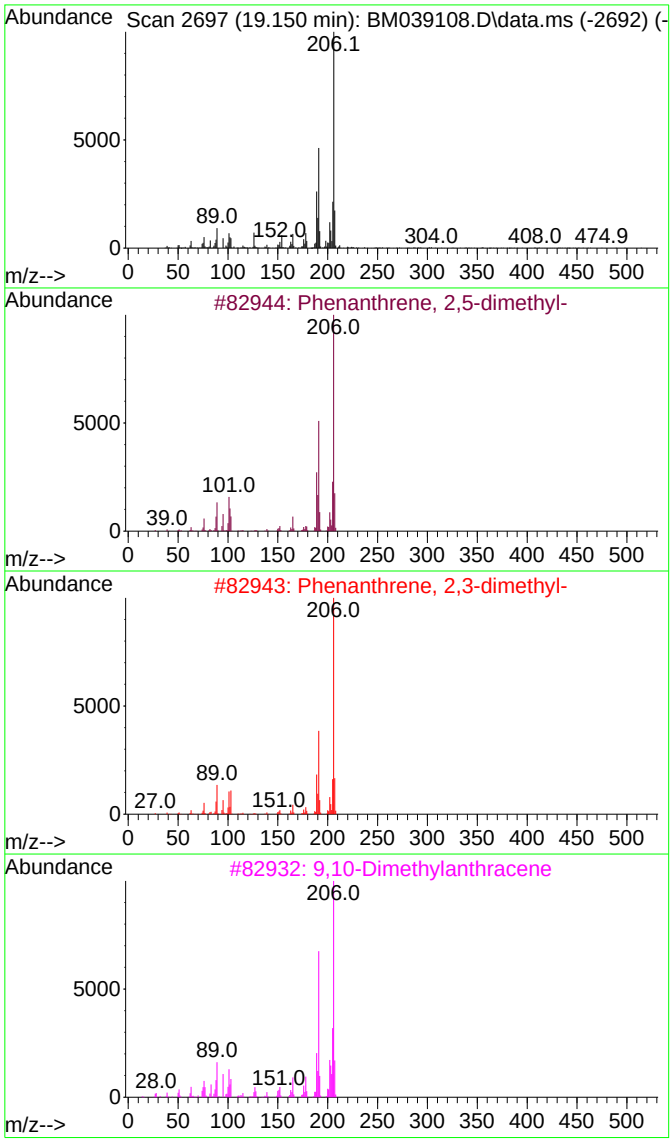
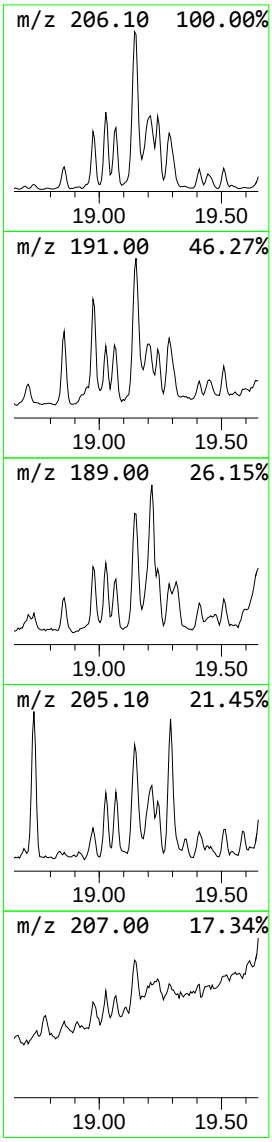
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.150	8.37 ng	1445860	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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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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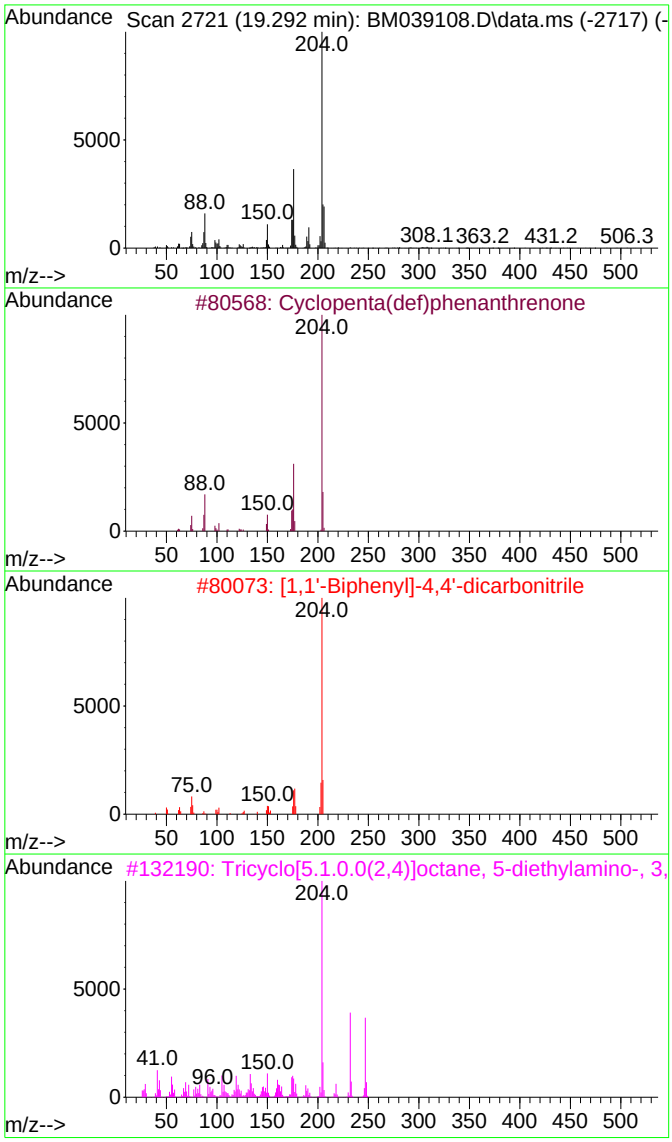
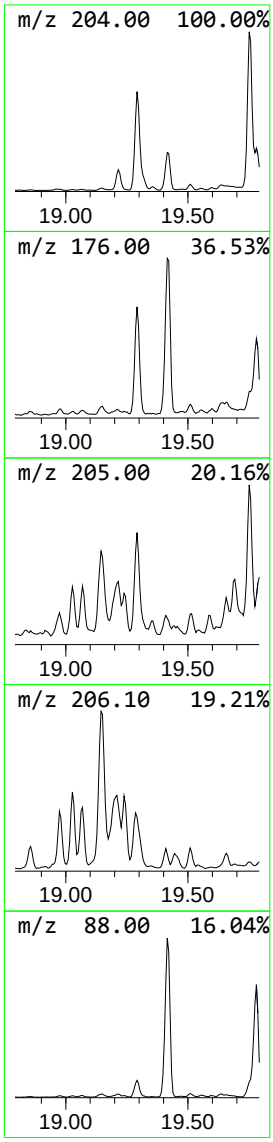
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	8.41 ng	1452780	Phenanthrene-d10	17.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47





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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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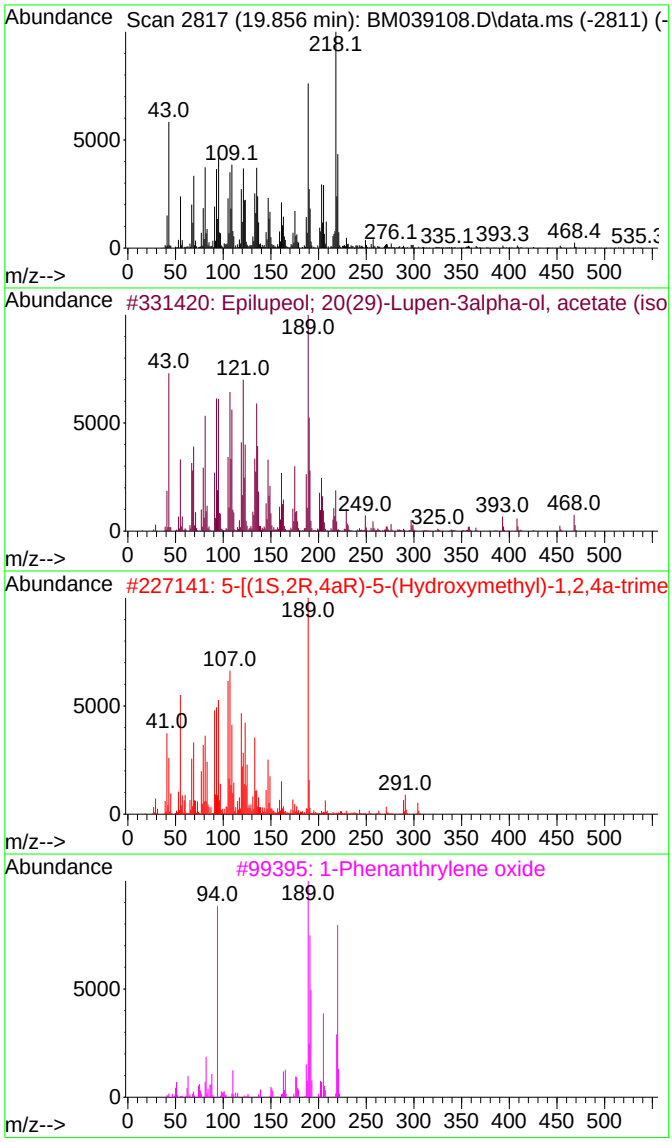
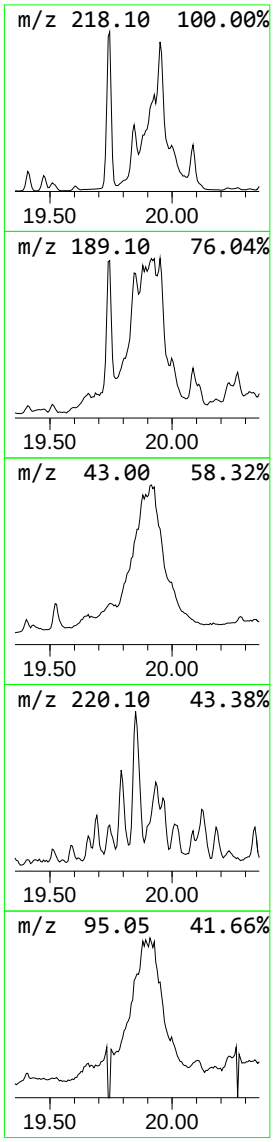
Peak Number 17 Epilupeol; 20(29)-Lupen-3al... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.856	4.21 ng	3087850	Chrysene-d12	21.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Epilupeol; 20(29)-Lupen-3alpha-o...	468	C32H52O2	1000513-01-7	87
2	5-[(1S,2R,4aR)-5-(Hydroxymethyl)...	322	C20H34O3	132500-62-0	56
3	1-Phenanthrylene oxide	220	C16H12O	026698-45-3	50
4	Coumarin, 7-hydroxy-4-methyl-3-p...	218	C13H14O3	019491-93-1	46
5	Modephene	204	C15H24	068269-87-4	44





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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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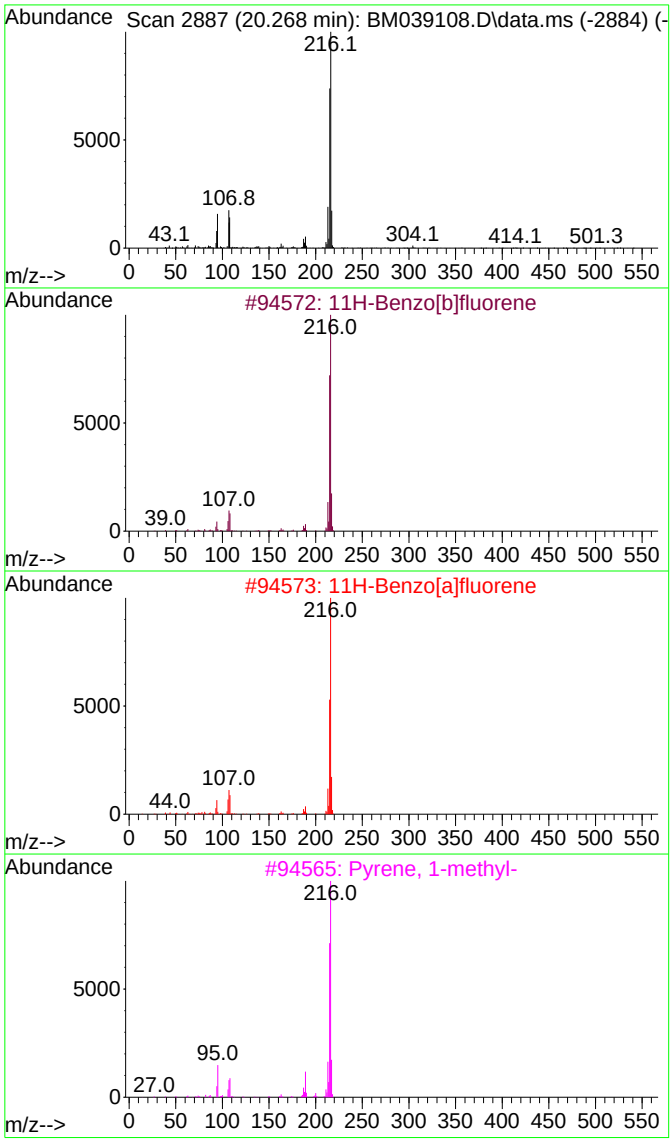
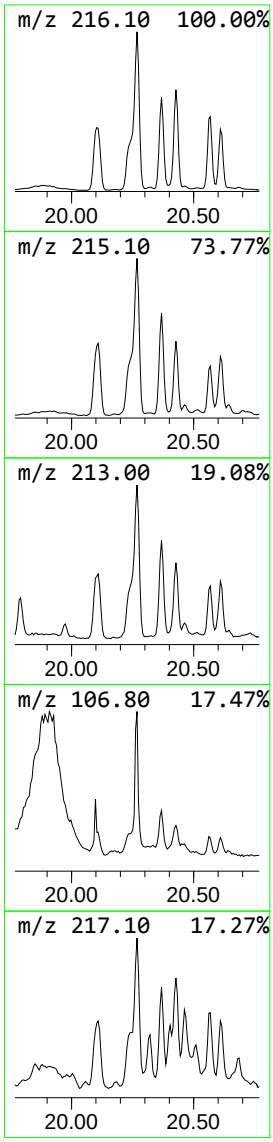
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.268	2.78 ng	2037710	Chrysene-d12	21.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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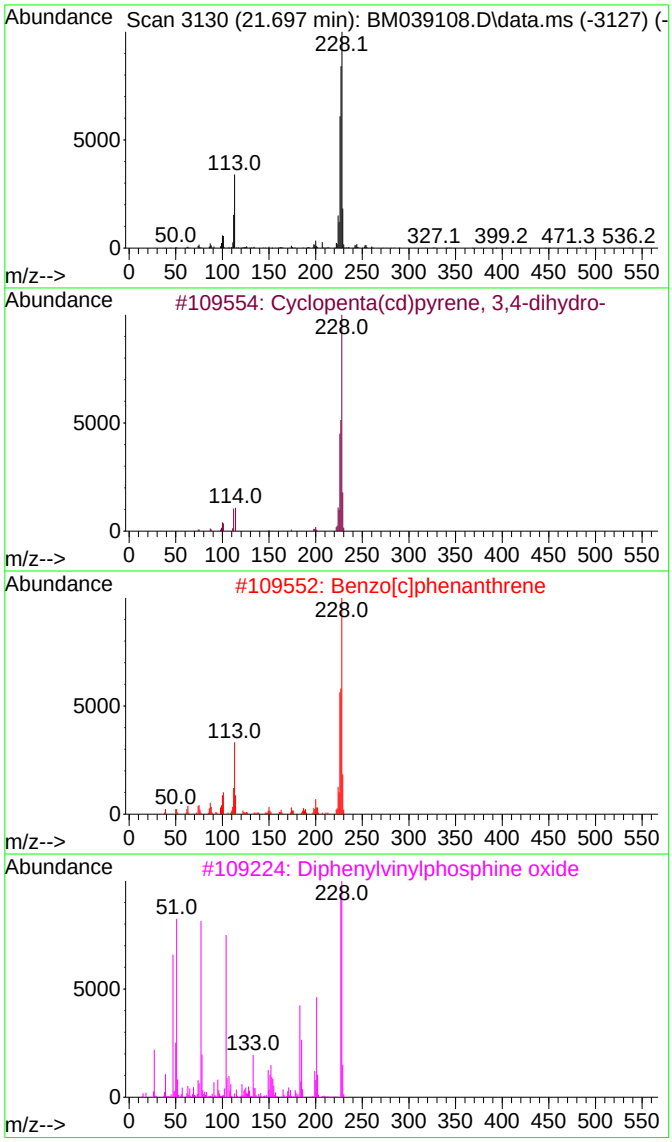
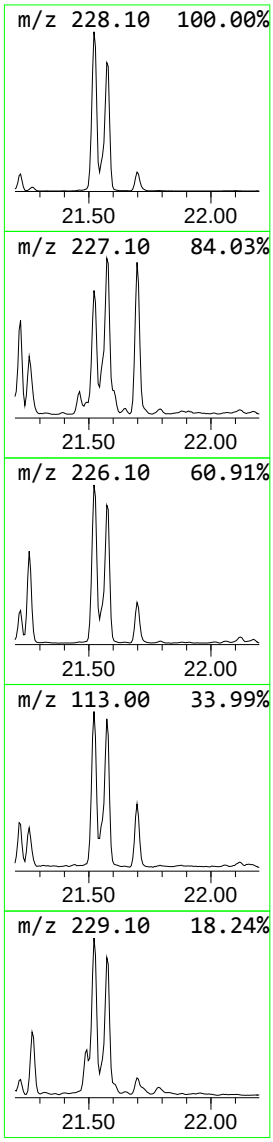
Peak Number 19 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.697	2.11 ng	1549180	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	64
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50





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TIC Library : C:\Database\NIST20.L
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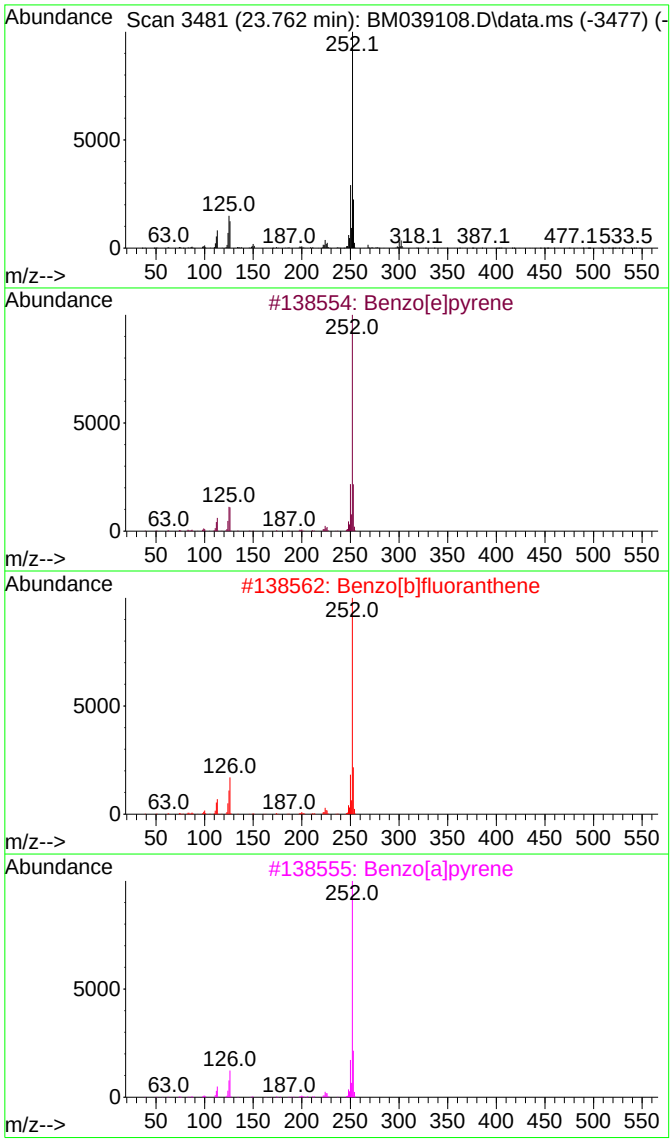
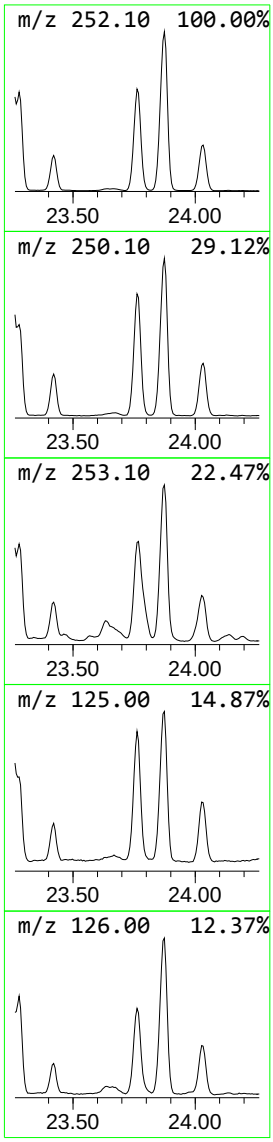
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.762	15.59 ng	8142530	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	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	98
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039108.D
Acq On : 23 Mar 2023 01:08
Operator : CG/JU
Sample : 01932-19 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6C-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	6.1	ng	615488	1	7.969	2014080	20.0
Dibenzofuran, 4...	15.957	3.2	ng	507871	3	14.610	3130590	20.0
1(2H)-Acenaphth...	16.333	2.4	ng	411505	4	17.356	3454770	20.0
9H-Fluoren-9-one	17.009	2.4	ng	413907	4	17.356	3454770	20.0
unknown17.104	17.104	2.8	ng	484269	4	17.356	3454770	20.0
Dibenzothiophene	17.174	3.3	ng	570235	4	17.356	3454770	20.0
Anthracene, 2-m...	18.239	13.9	ng	2402140	4	17.356	3454770	20.0
Phenanthrene, 2...	18.280	12.1	ng	2086300	4	17.356	3454770	20.0
1H-Cyclopropa[l...	18.362	5.3	ng	912890	4	17.356	3454770	20.0
4H-Cyclopenta[d...	18.433	17.9	ng	3097930	4	17.356	3454770	20.0
Phenanthrene, 4...	18.462	5.5	ng	949711	4	17.356	3454770	20.0
Naphthalene, 2-...	18.733	6.9	ng	1197680	4	17.356	3454770	20.0
9,10-Anthracene...	18.774	4.2	ng	724451	4	17.356	3454770	20.0
Phenanthrene, 2...	19.150	8.4	ng	1445860	4	17.356	3454770	20.0
Cyclopenta(def)...	19.292	8.4	ng	1452780	4	17.356	3454770	20.0
Epilupeol; 20(2...	19.856	4.2	ng	3087850	5	21.538	14663800	20.0
11H-Benzo[b]flu...	20.268	2.8	ng	2037710	5	21.538	14663800	20.0
Cyclopenta(cd)p...	21.697	2.1	ng	1549180	5	21.538	14663800	20.0
Benzo[e]pyrene	23.762	15.6	ng	8142530	6	23.980	10447600	20.0