LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038779.D
Acq On : 17 Feb 2023 17:57
Operator : CG/JU
Sample : 01552-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-03-0-2.0

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-BM020123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM038779.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	293	302	312	rVB	490642	686268	13.27%	1.328%
2	5.440	376	383	394	rBV	966543	1405590	27.19%	2.719%
3	7.063	651	659	671	rBV	974113	1472084	28.47%	2.848%
4	7.881	792	798	807	rBV	280294	425992	8.24%	0.824%
5	9.057	991	998	1007	rBV	577652	940713	18.20%	1.820%
6	10.692	1265	1276	1282	rBV	373218	610898	11.82%	1.182%
7	12.357	1553	1559	1566	rBV	36052	54877	1.06%	0.106%
8	13.157	1688	1695	1702	rBV	1981131	2659757	51.45%	5.146%
9	13.857	1808	1814	1819	rBV	43681	77795	1.50%	0.151%
10	14.257	1876	1882	1889	rBV	81298	126842	2.45%	0.245%
11	14.533	1919	1929	1935	rBV	595560	856519	16.57%	1.657%
12	14.598	1935	1940	1947	rVB	112765	170347	3.30%	0.330%
13	14.933	1990	1997	2004	rBV	145316	215005	4.16%	0.416%
14	15.580	2101	2107	2116	rBV	229450	325292	6.29%	0.629%
15	15.874	2152	2157	2159	rBV	72927	111452	2.16%	0.216%
16	15.898	2159	2161	2168	rVB	79686	87967	1.70%	0.170%
17	16.027	2177	2183	2191	rVB	1816357	2430254	47.01%	4.702%
18	16.586	2266	2278	2283	rBV3	55534	132840	2.57%	0.257%
19	16.810	2308	2316	2319	rBV3	41683	77241	1.49%	0.149%
20	16.939	2334	2338	2343	rVB	80108	114207	2.21%	0.221%
21	17.010	2346	2350	2356	rBV2	39617	79272	1.53%	0.153%
22	17.104	2361	2366	2373	rVB	127326	187496	3.63%	0.363%
23	17.286	2391	2397	2400	rBV	647784	954869	18.47%	1.847%
24	17.327	2400	2404	2410	rVV	2850262	3631816	70.25%	7.026%
25	17.415	2410	2419	2424	rVV	634830	884085	17.10%	1.710%
26	17.480	2424	2430	2434	rVB3	34725	64836	1.25%	0.125%
27	17.692	2458	2466	2474	rBV2	133842	263275	5.09%	0.509%
28	17.798	2480	2484	2491	rBV2	46074	66642	1.29%	0.129%
29	17.863	2491	2495	2503	rVB7	39328	76336	1.48%	0.148%
30	18.168	2541	2547	2551	rBV2	416916	754535	14.60%	1.460%
31	18.204	2551	2553	2558	rVB	304531	387124	7.49%	0.749%
32	18.286	2563	2567	2572	rVB	133972	175927	3.40%	0.340%
33	18.357	2573	2579	2583	rBV3	355668	620378	12.00%	1.200%
34	18.392	2583	2585	2591	rVB	144871	159301	3.08%	0.308%
35	18.468	2593	2598	2601	rBV3	45429	65863	1.27%	0.127%
36	18.657	2626	2630	2635	rVB	180204	238048	4.60%	0.461%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
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Operator : CG/JU
Sample : 01552-05
Misc :
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Instrument :
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SB-03-0-2.0

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.710	2635	2639	2645	rBV	105721	146184	2.83%	0.283%
38	18.904	2669	2672	2676	rVB	51743	62542	1.21%	0.121%
39	18.951	2677	2680	2684	rVV	50873	63203	1.22%	0.122%
40	18.992	2684	2687	2691	rVB	43819	54433	1.05%	0.105%
41	19.074	2696	2701	2705	rBV	101395	181079	3.50%	0.350%
42	19.221	2721	2726	2733	rBV2	95616	175651	3.40%	0.340%
43	19.345	2741	2747	2753	rBV	4028768	5169762	100.00%	10.002%
44	19.445	2760	2764	2769	rBV2	215941	294089	5.69%	0.569%
45	19.586	2784	2788	2791	rBV	85790	100973	1.95%	0.195%
46	19.674	2798	2803	2805	rBV2	402746	600835	11.62%	1.162%
47	19.709	2805	2809	2816	rVV	3374929	4071783	78.76%	7.877%
48	19.774	2816	2820	2826	rVB2	120976	180866	3.50%	0.350%
49	19.909	2835	2843	2847	rBV	3657143	4260153	82.41%	8.242%
50	19.951	2847	2850	2856	rVB	136400	190883	3.69%	0.369%
51	20.027	2858	2863	2870	rBV2	134649	348538	6.74%	0.674%
52	20.092	2871	2874	2877	rBV	57295	71766	1.39%	0.139%
53	20.162	2881	2886	2888	rBV3	117686	204719	3.96%	0.396%
54	20.204	2889	2893	2898	rVB	290999	399491	7.73%	0.773%
55	20.298	2906	2909	2913	rBV	173308	210255	4.07%	0.407%
56	20.356	2913	2919	2923	rVB2	166339	304581	5.89%	0.589%
57	20.498	2940	2943	2946	rBV2	89592	96403	1.86%	0.187%
58	20.545	2948	2951	2962	rVB2	124188	205593	3.98%	0.398%
59	20.951	3016	3020	3026	rBV	197848	254173	4.92%	0.492%
60	21.115	3044	3048	3051	rBV3	187608	260349	5.04%	0.504%
61	21.156	3051	3055	3058	rVV2	311701	433131	8.38%	0.838%
62	21.192	3058	3061	3066	rVV2	185769	284981	5.51%	0.551%
63	21.251	3068	3071	3076	rVB	189099	232428	4.50%	0.450%
64	21.368	3088	3091	3095	rVB	195798	207469	4.01%	0.401%
65	21.456	3101	3106	3112	rBV3	1812918	3293225	63.70%	6.371%
66	21.509	3112	3115	3124	rVB	1280572	1526629	29.53%	2.953%
67	21.627	3132	3135	3142	rVB	152840	196885	3.81%	0.381%
68	23.133	3386	3391	3396	rBV	842076	1888161	36.52%	3.653%
69	23.315	3419	3422	3428	rVB	170340	264633	5.12%	0.512%
70	23.650	3474	3479	3487	rVV	468189	855463	16.55%	1.655%
71	23.756	3491	3497	3503	rVB	794196	1411928	27.31%	2.732%
72	23.862	3510	3515	3519	rBV2	336761	588626	11.39%	1.139%
73	26.338	3930	3936	3946	rVB	363698	1005583	19.45%	1.945%

Sum of corrected areas: 51689189

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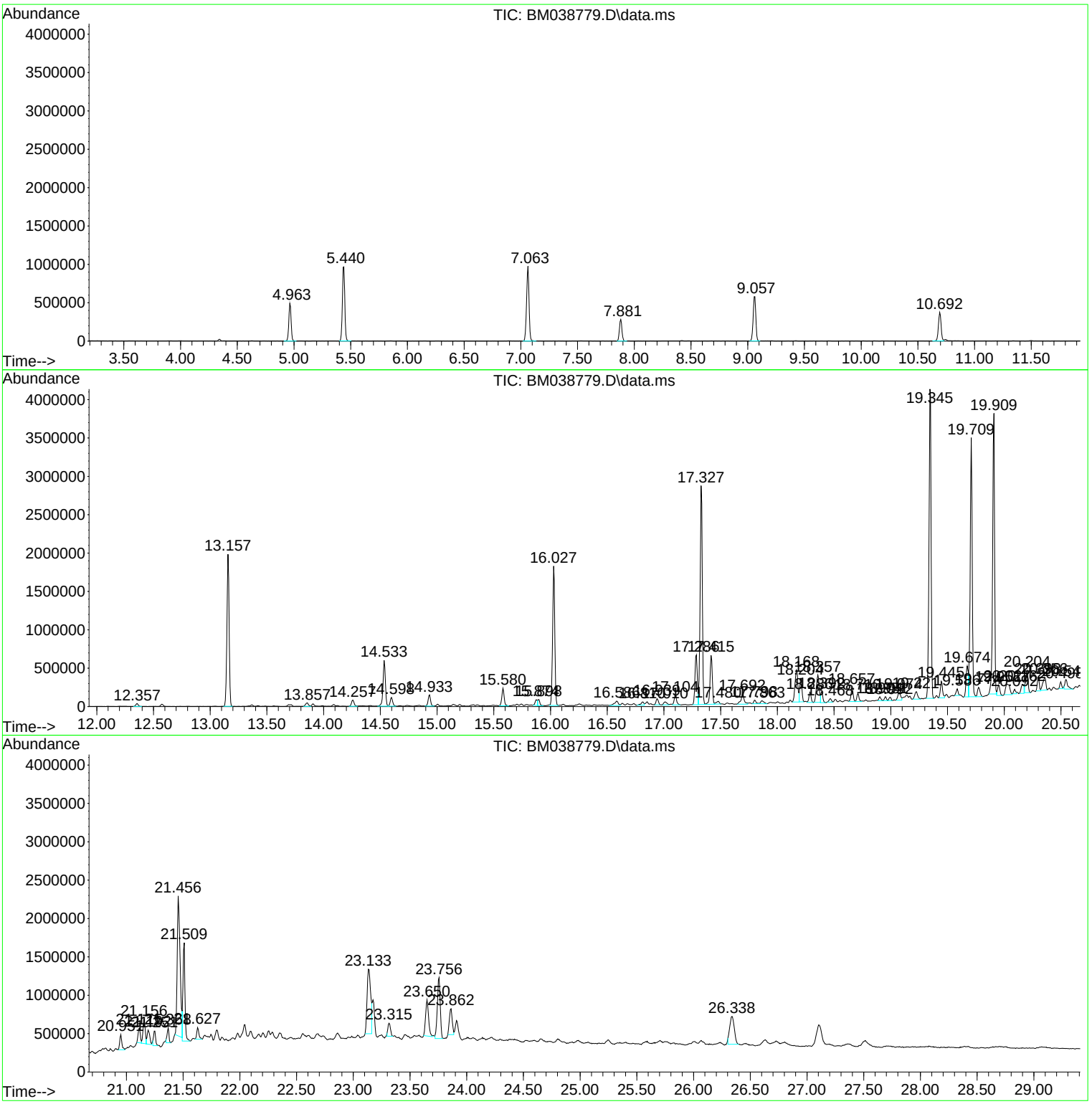
BNA_M
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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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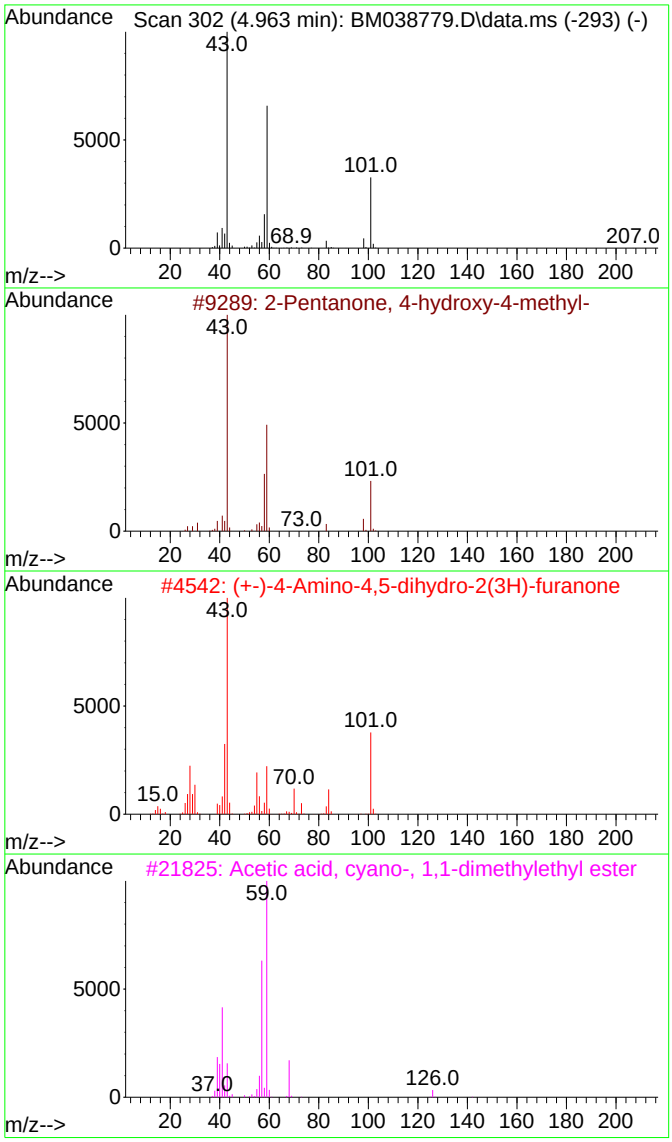
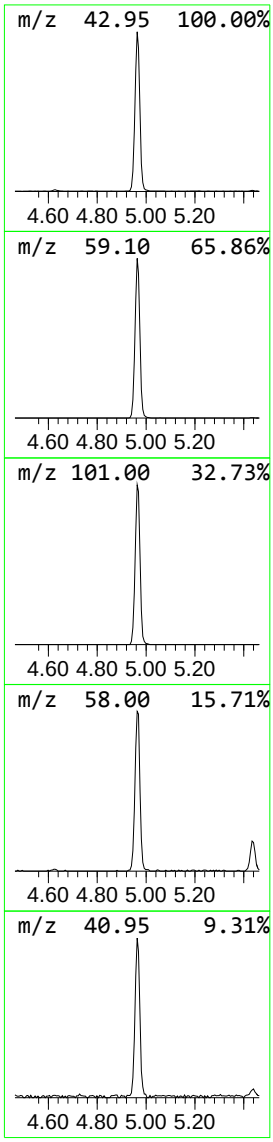
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	32.22 ng	686268	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Data File : BM038779.D
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Instrument :
BNA_M
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

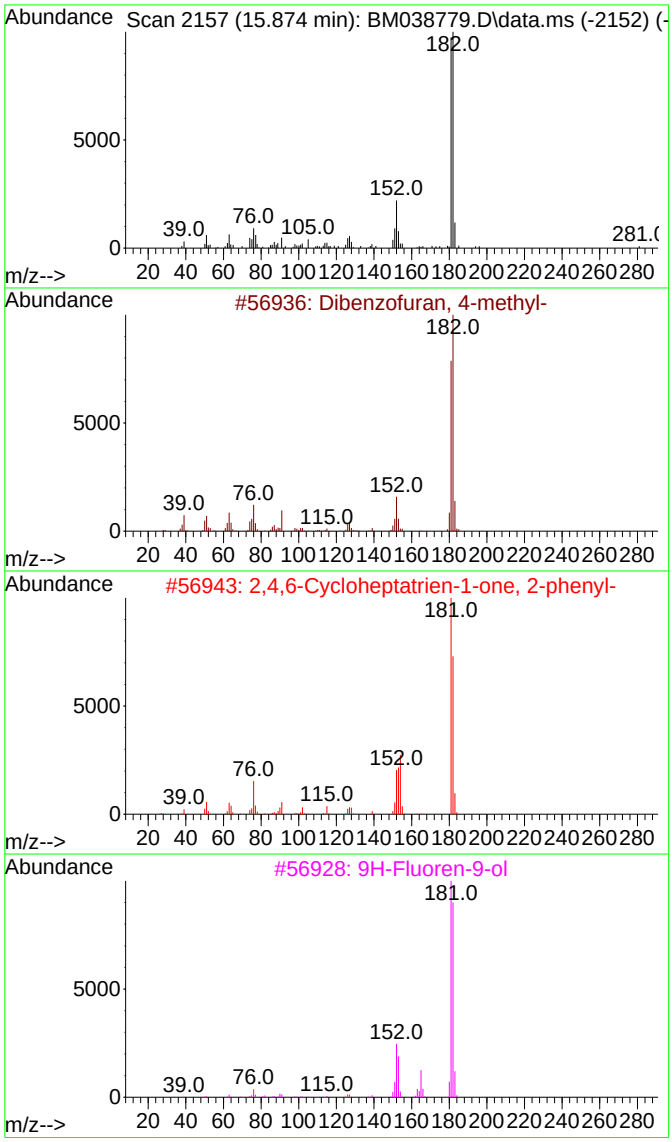
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

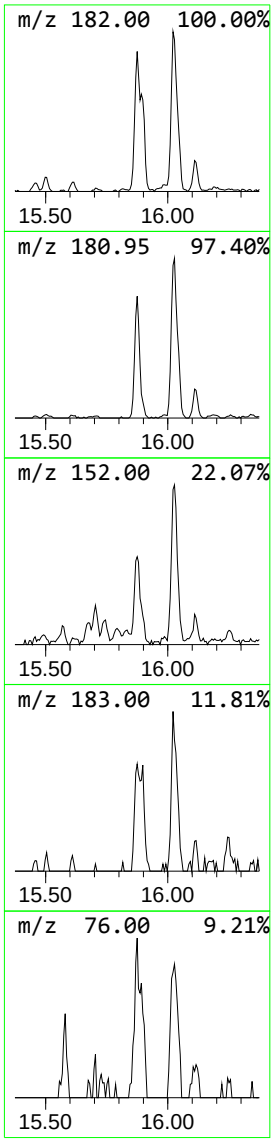
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.874	2.60 ng	111452	Acenaphthene-d10	14.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72





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Misc :
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Instrument :
BNA_M
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

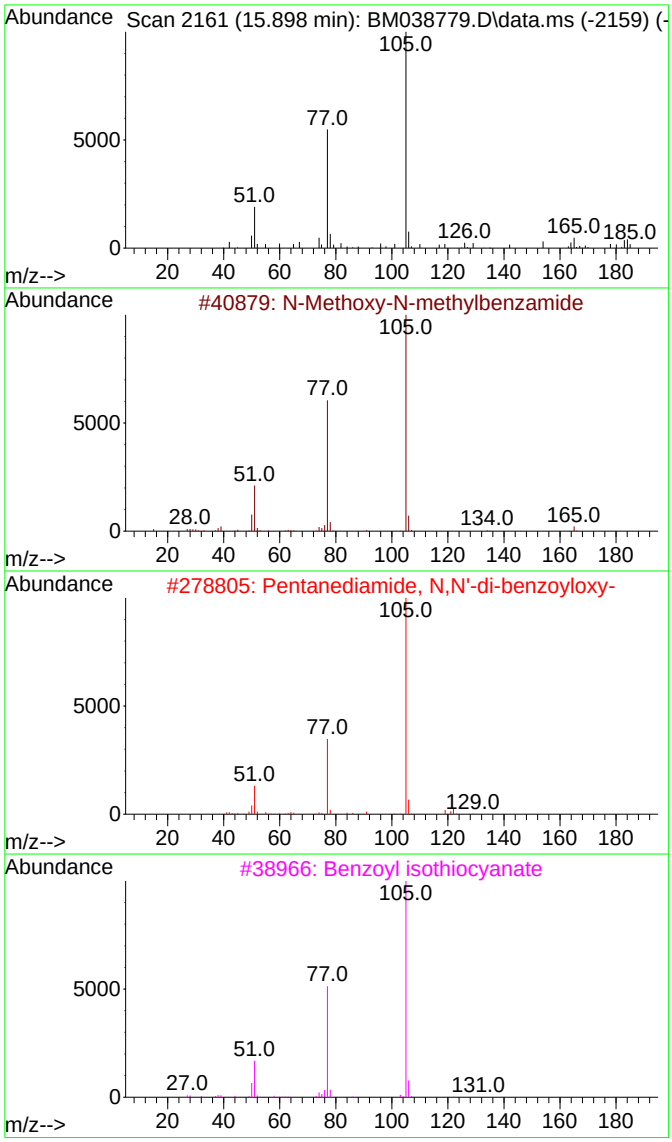
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

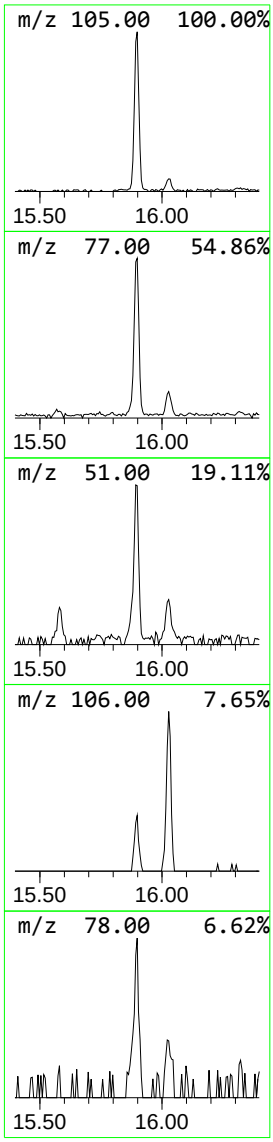
****

Peak Number 3 N-Methoxy-N-methylbenzamide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	2.05 ng	87967	Acenaphthene-d10	14.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	72
2	Pentanediamide, N,N'-di-benzoyloxy-	370	C19H18N2O6	1000253-26-3	64
3	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	64
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	64
5	Methyl benzilate	242	C15H14O3	000076-89-1	64





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

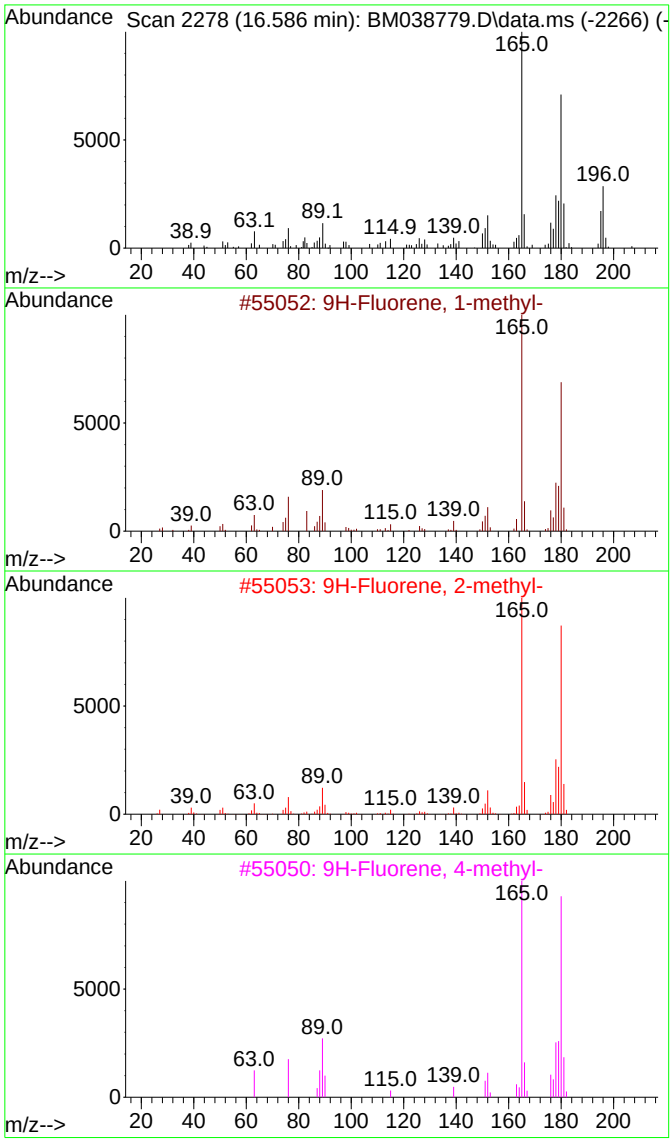
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

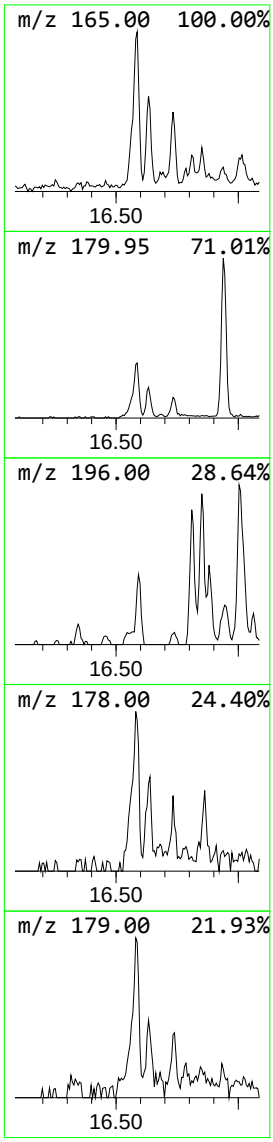
****

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.586	2.78 ng	132840	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	76
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

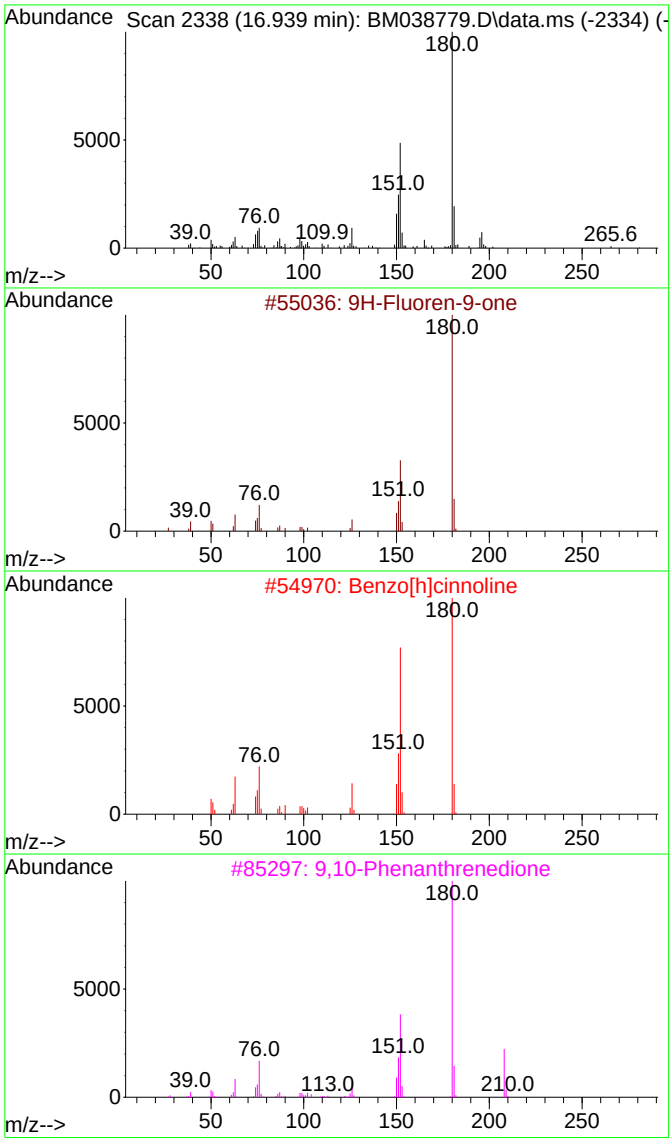
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

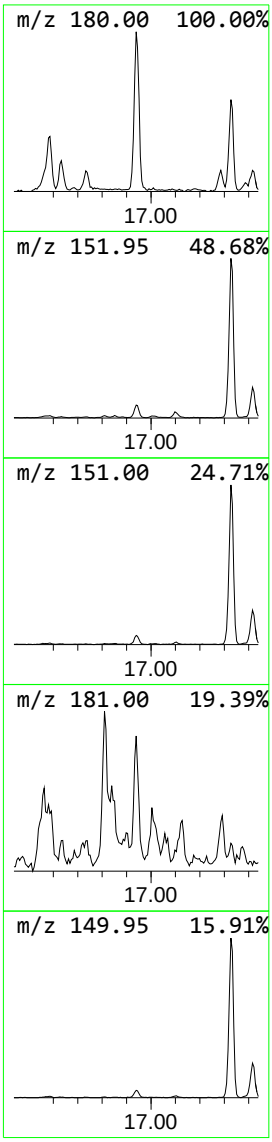
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.939	2.39 ng	114207	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80
4	Diphenic anhydride	224	C14H8O3	006050-13-1	72
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





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SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

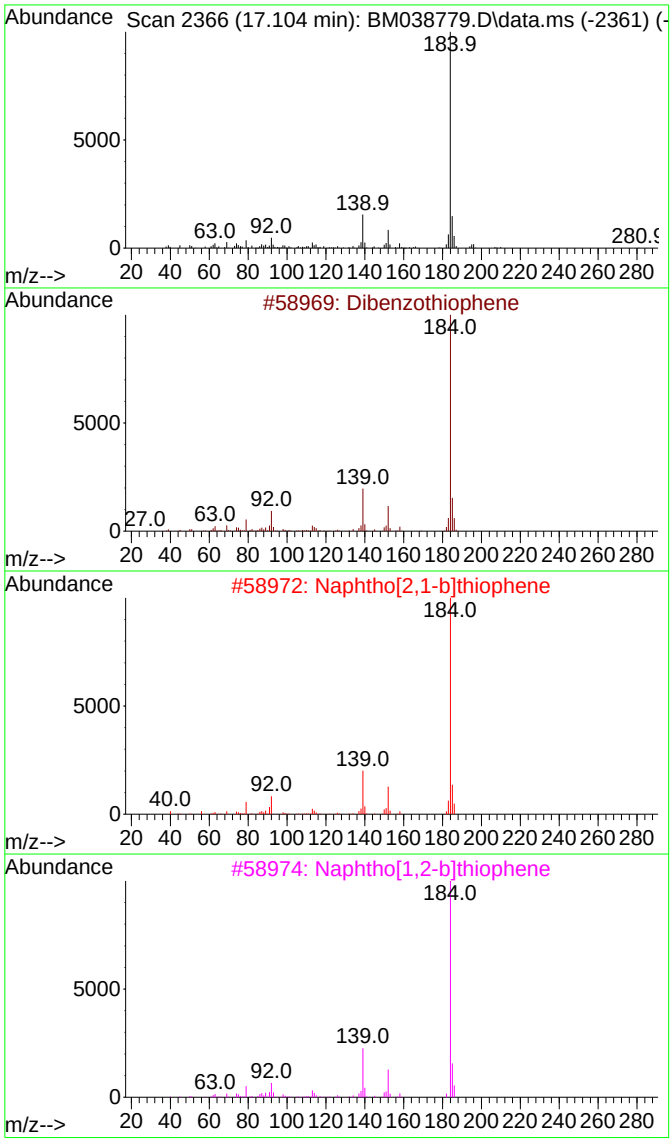
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

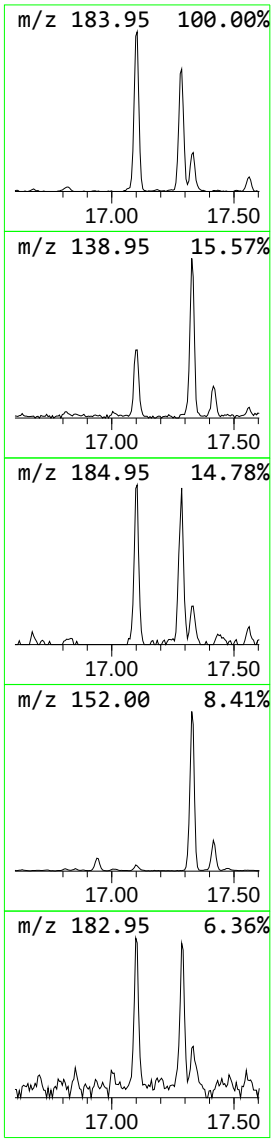
****

Peak Number 6 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	3.93 ng	187496	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
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	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038779.D
Acq On : 17 Feb 2023 17:57
Operator : CG/JU
Sample : 01552-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

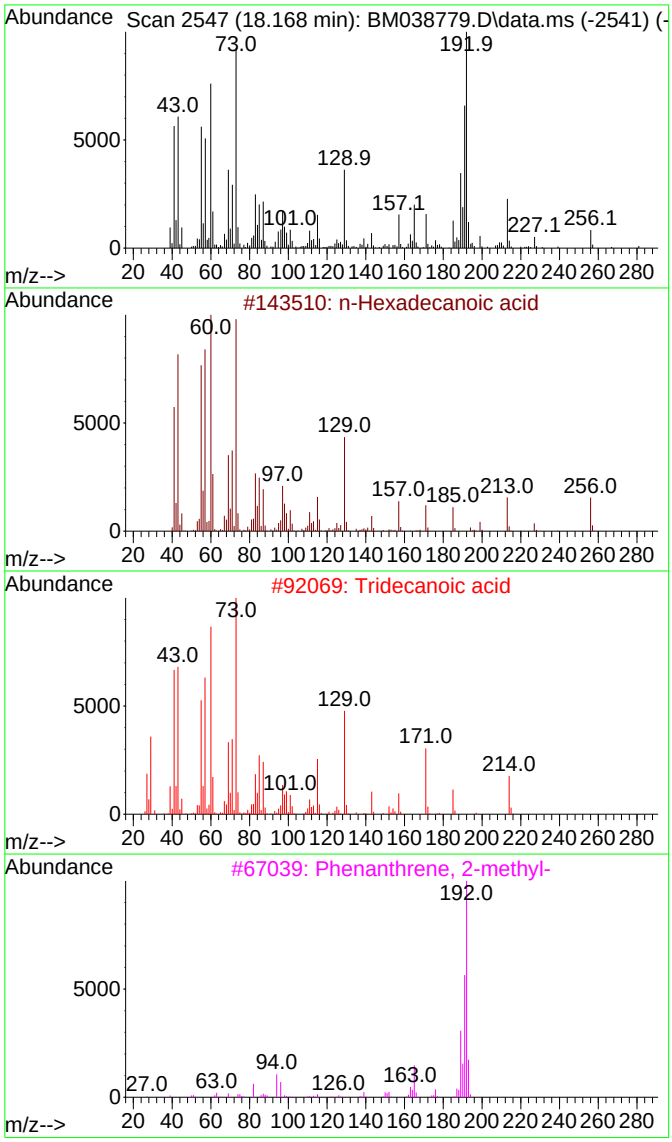
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

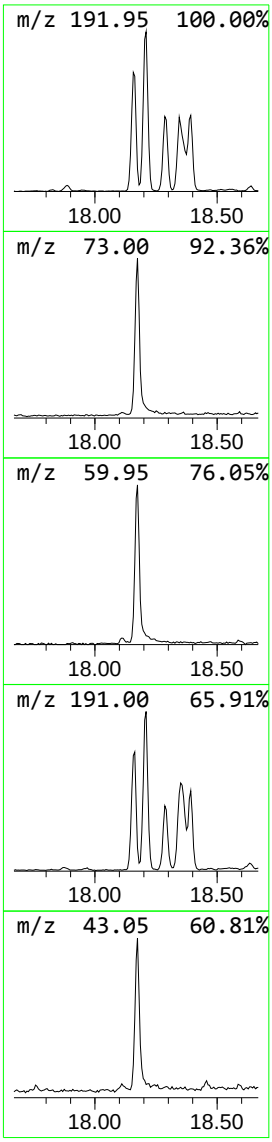
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	15.80 ng	754535	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	56
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	56
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55





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Operator : CG/JU
Sample : 01552-05
Misc :
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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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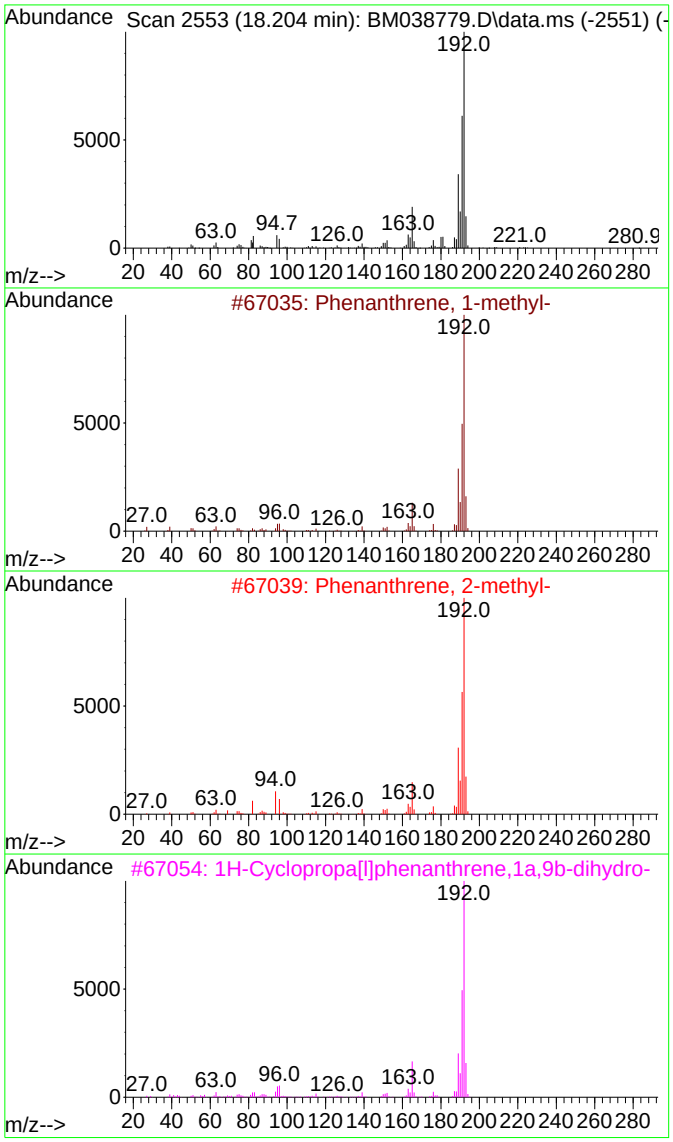
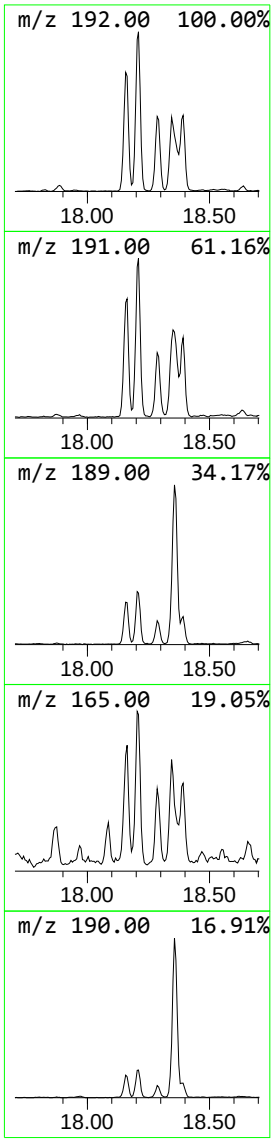
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	8.11 ng	387124	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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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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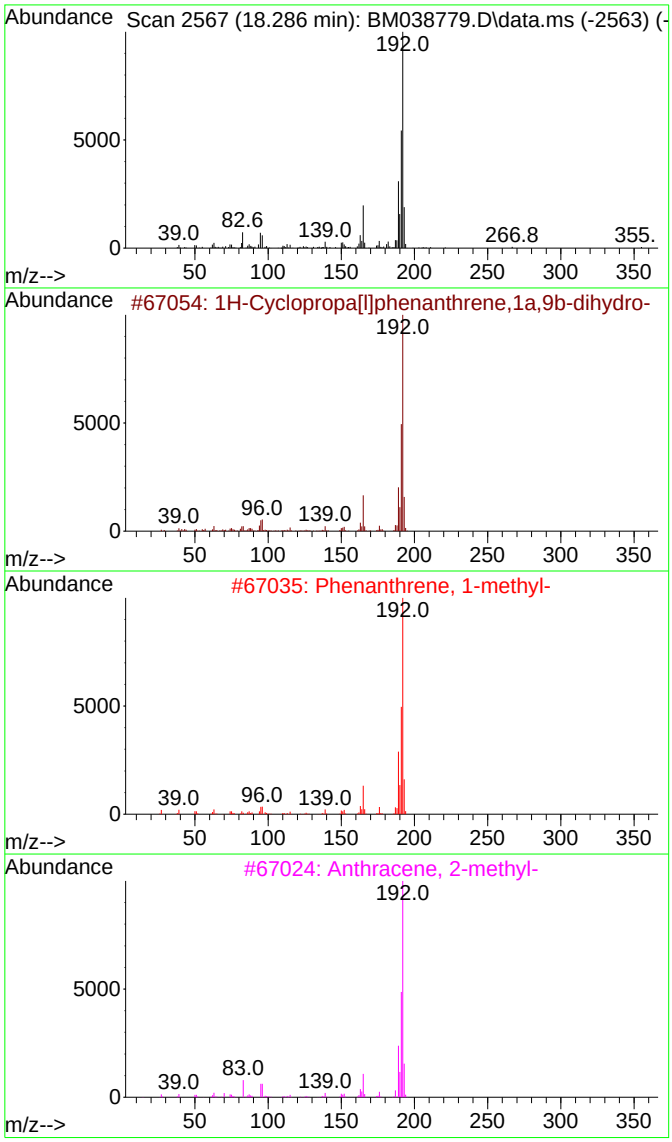
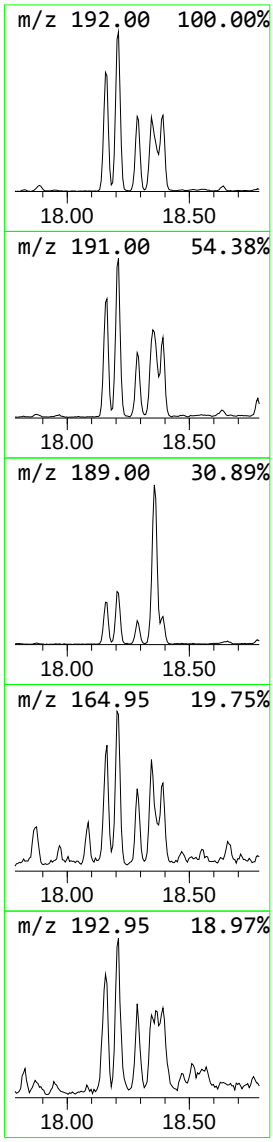
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	3.68 ng	175927	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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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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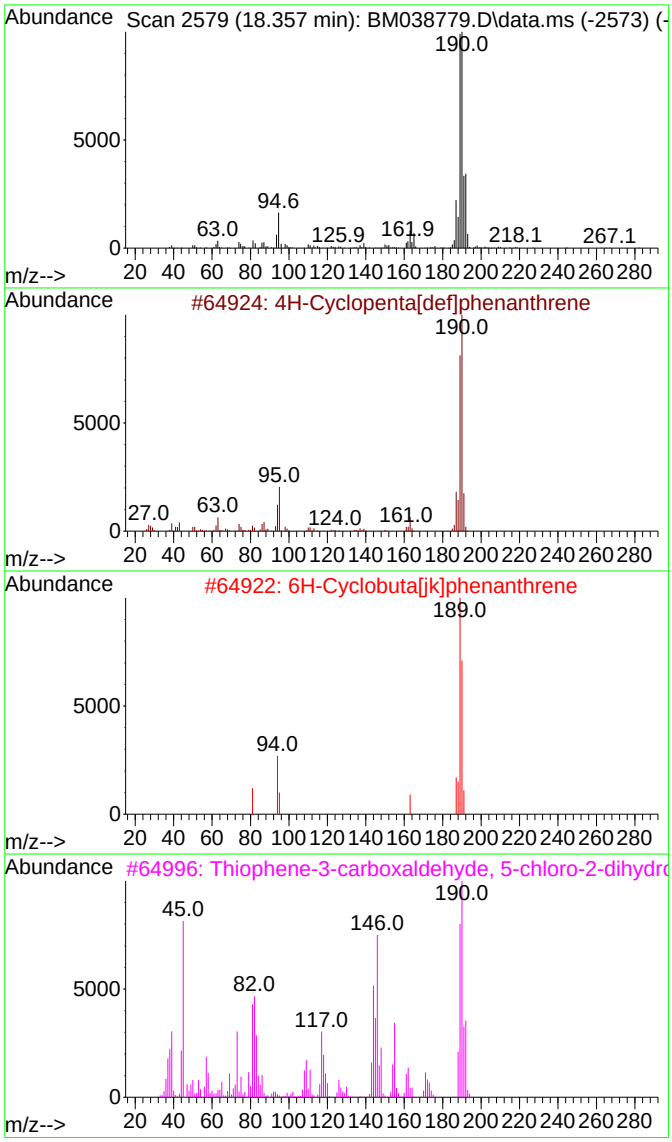
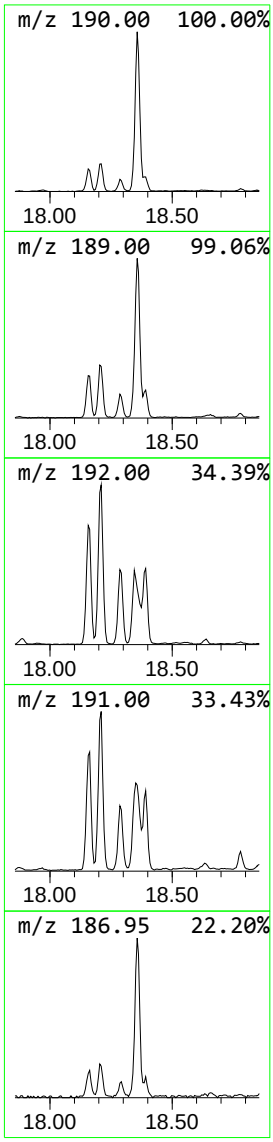
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	12.99 ng	620378	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	35
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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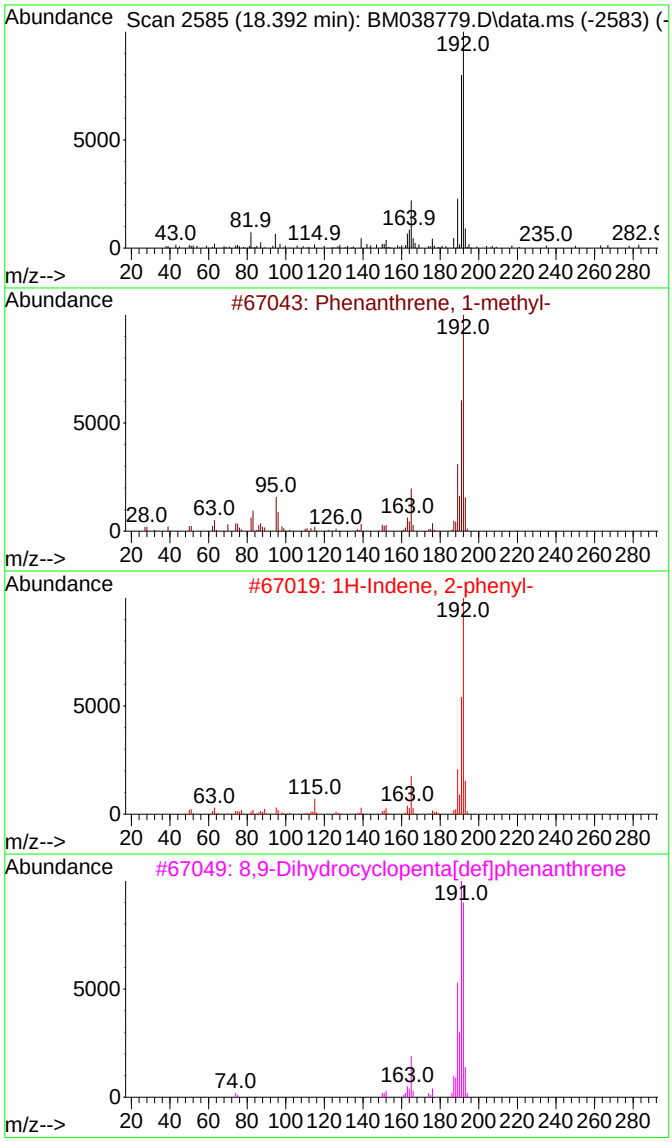
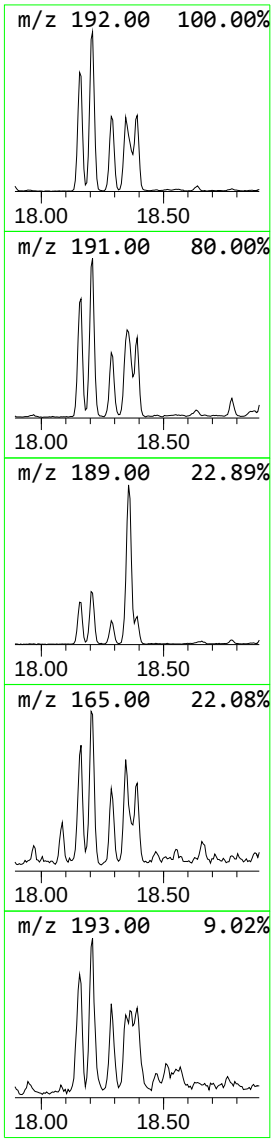
Peak Number 11 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	3.34 ng	159301	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	72
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64





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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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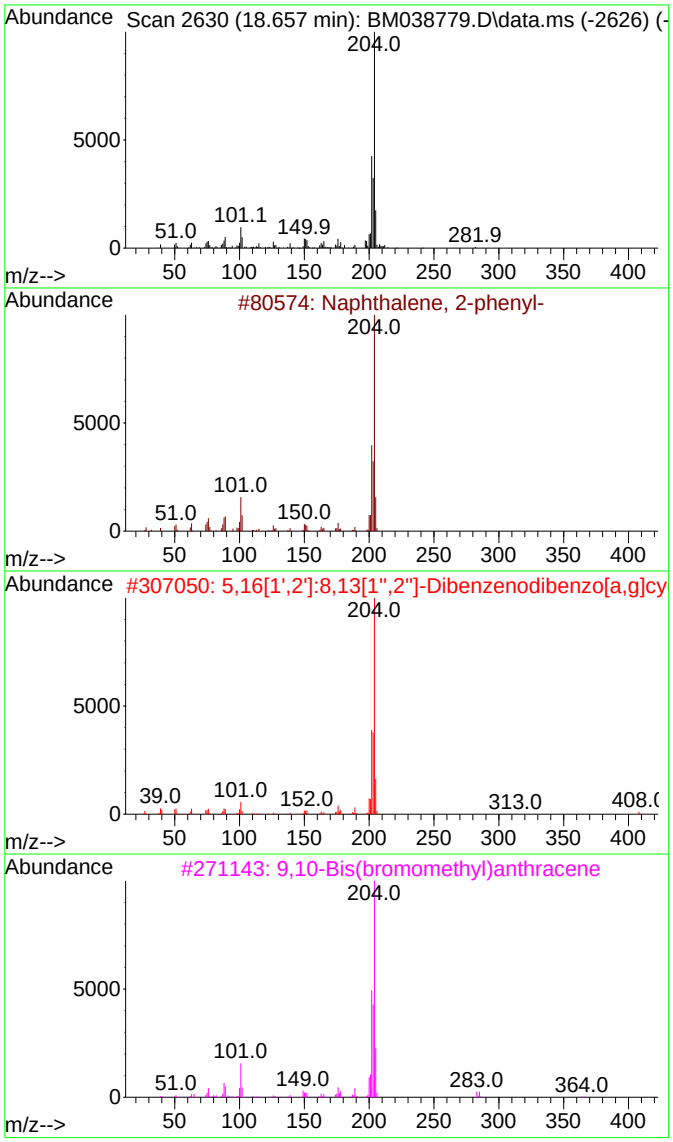
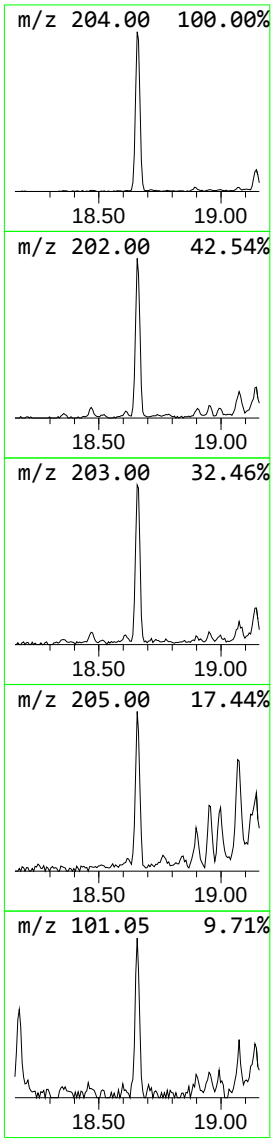
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	4.99 ng	238048	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
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	64
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49





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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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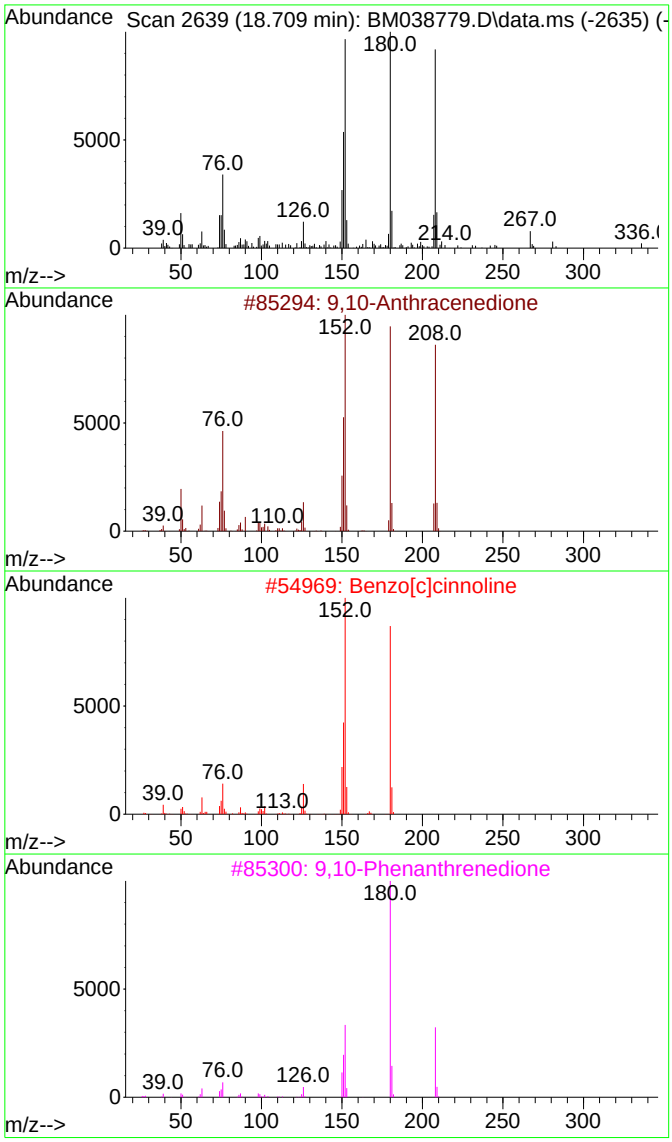
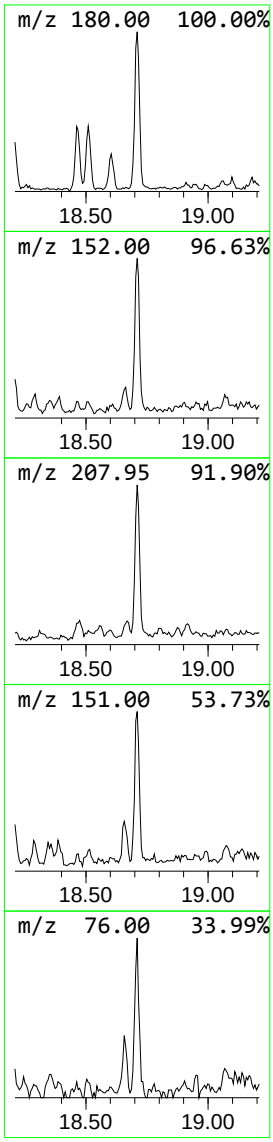
Peak Number 13 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.709	3.06 ng	146184	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





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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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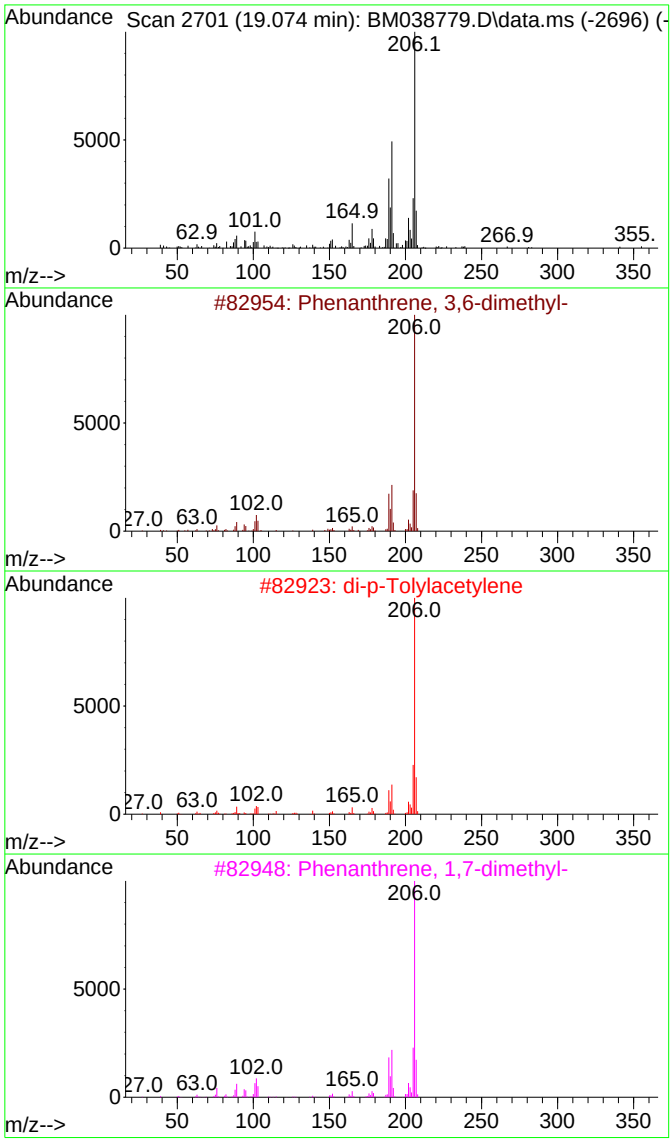
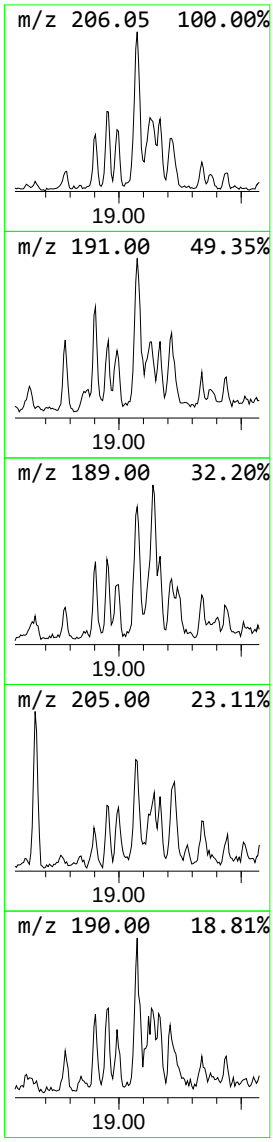
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.074	3.79 ng	181079	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	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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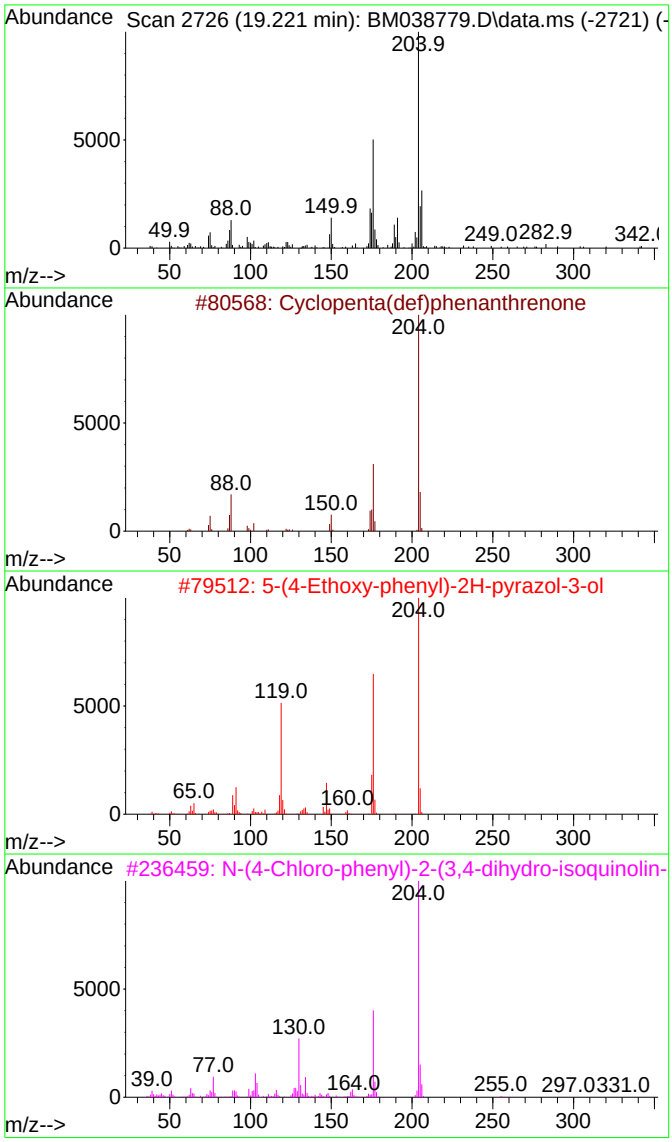
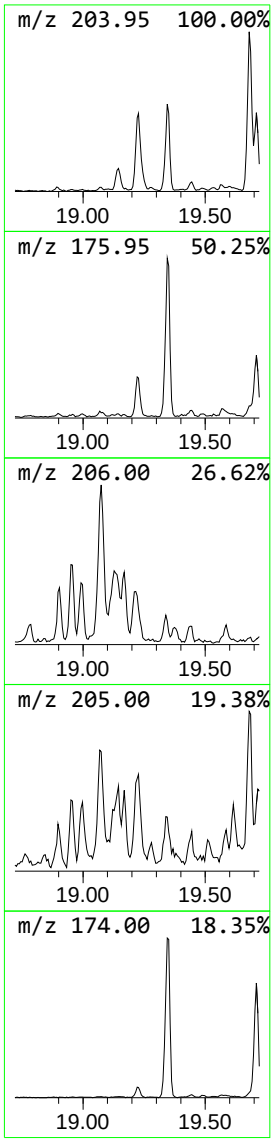
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.221	3.68 ng	175651	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	47
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	40
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38





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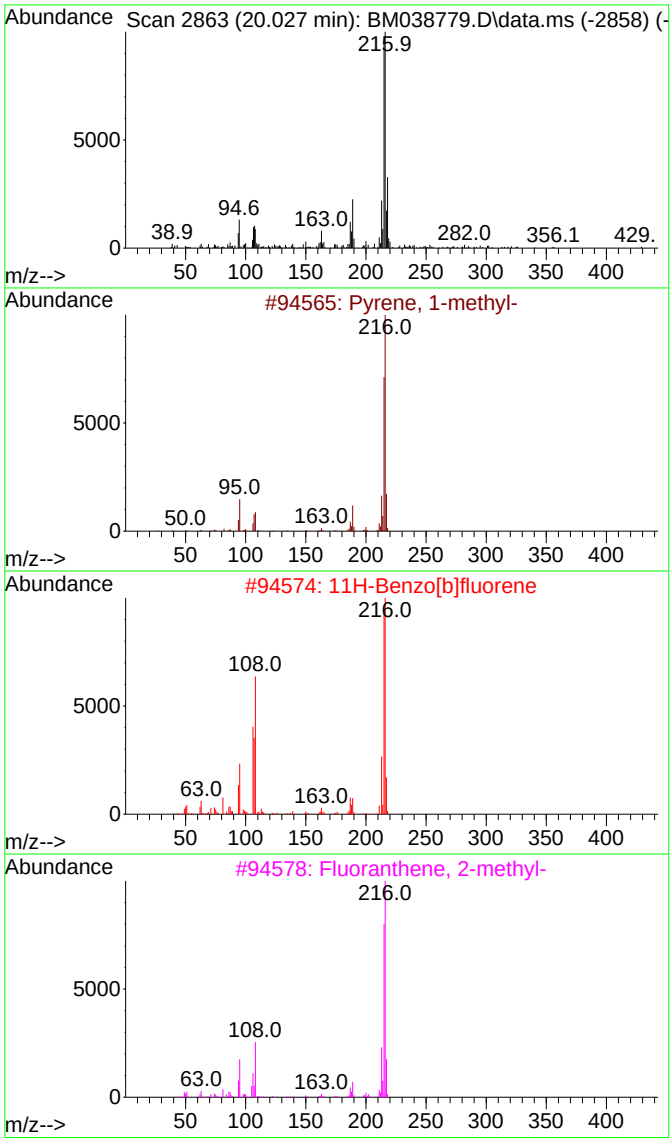
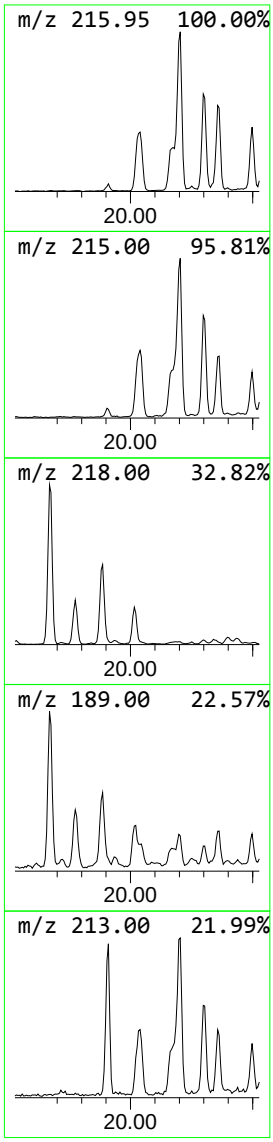
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.027	2.12 ng	348538	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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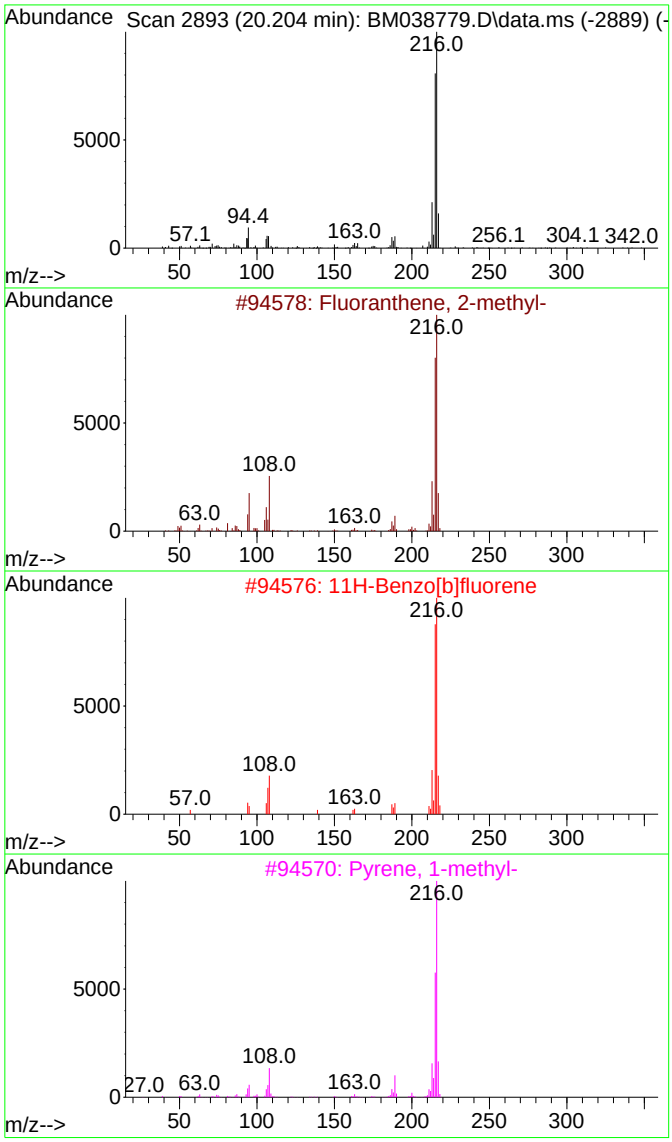
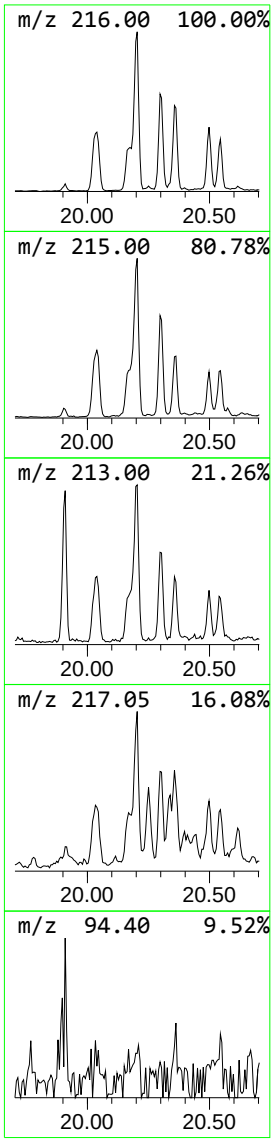
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.203	2.43 ng	399491	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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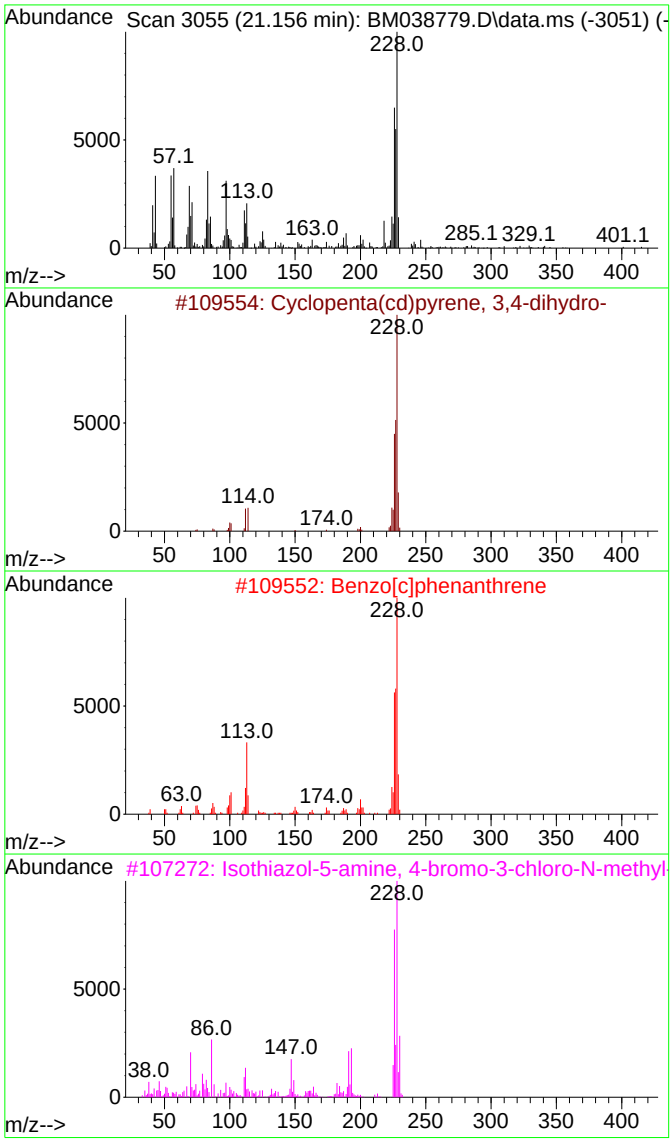
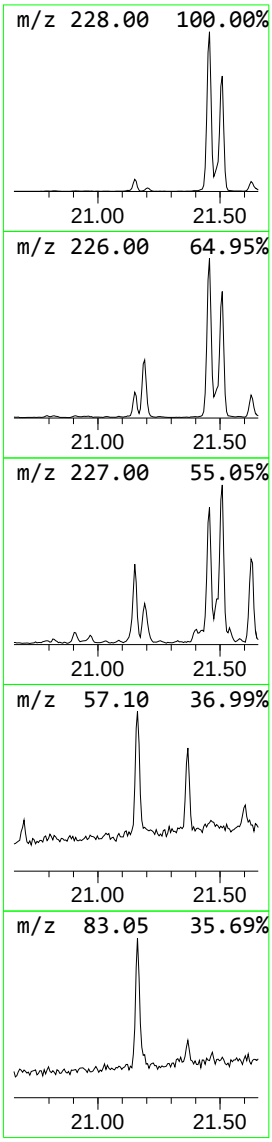
Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.156	2.63 ng	433131	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	49
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	46
5	Benz[a]anthracene	228	C18H12	000056-55-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038779.D
Acq On : 17 Feb 2023 17:57
Operator : CG/JU
Sample : 01552-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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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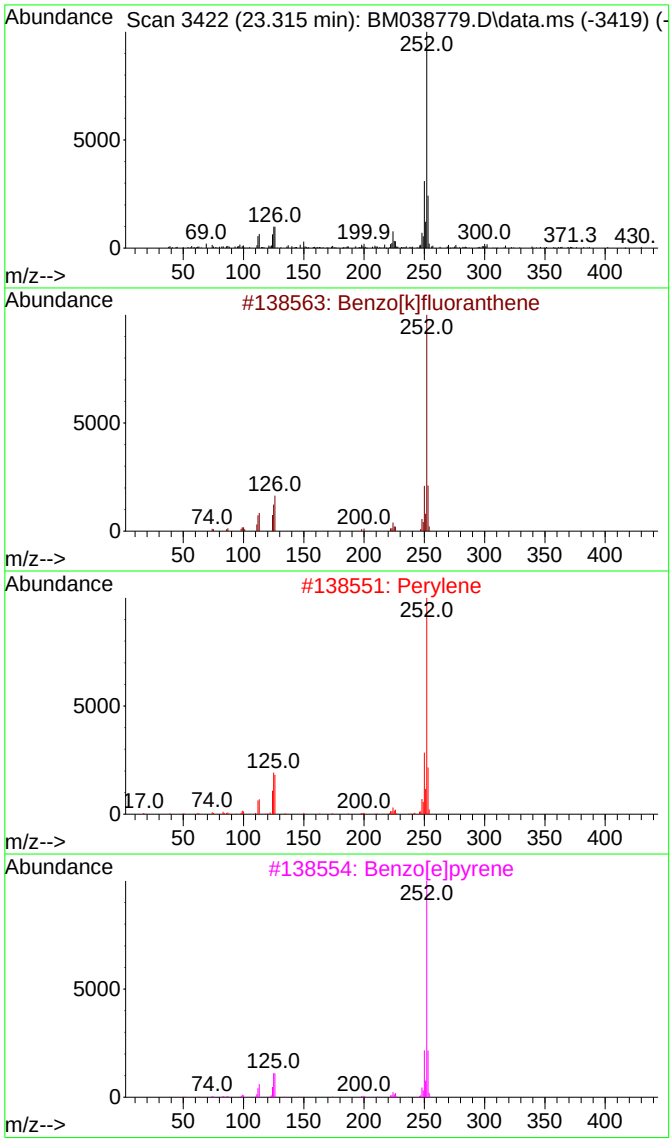
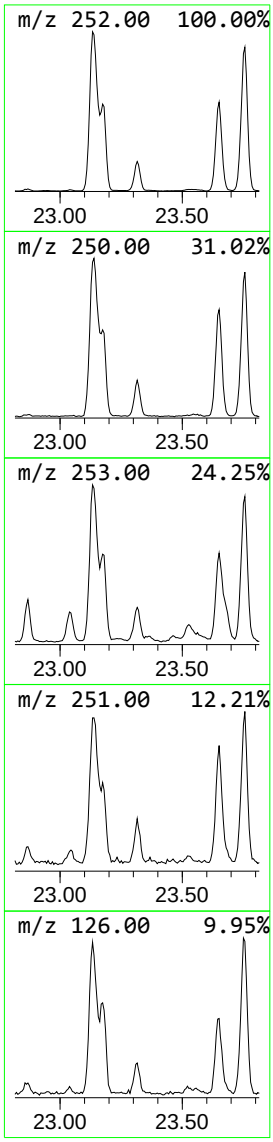
Peak Number 19 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.315	8.99 ng	264633	Perylene-d12	23.862

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038779.D
Acq On : 17 Feb 2023 17:57
Operator : CG/JU
Sample : 01552-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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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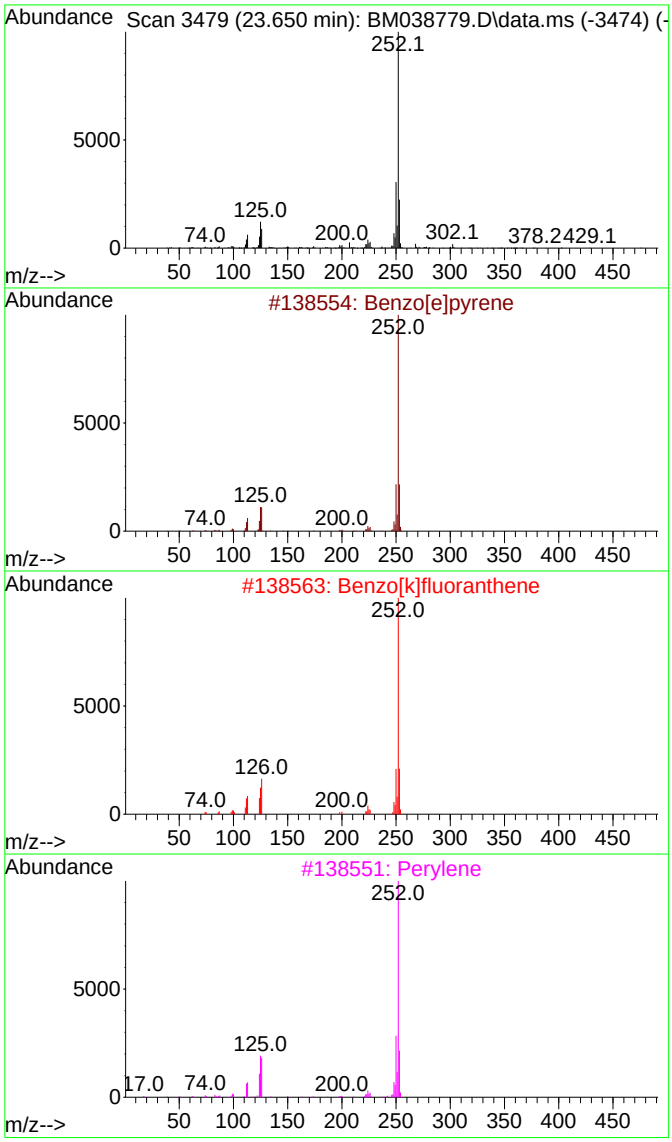
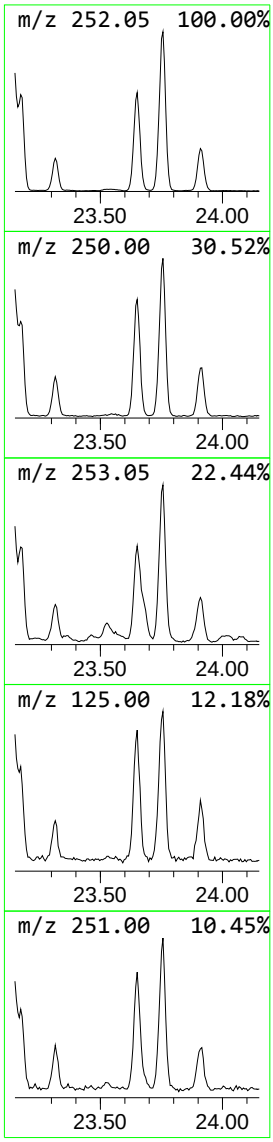
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.650	29.07 ng	855463	Perylene-d12	23.862

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038779.D
Acq On : 17 Feb 2023 17:57
Operator : CG/JU
Sample : 01552-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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-...	4.963	32.2	ng	686268	1	7.881	425992	20.0
Dibenzofuran, 4...	15.874	2.6	ng	111452	3	14.533	856519	20.0
N-Methoxy-N-met...	15.898	2.0	ng	87967	3	14.533	856519	20.0
9H-Fluorene, 1-...	16.586	2.8	ng	132840	4	17.286	954869	20.0
9H-Fluoren-9-one	16.939	2.4	ng	114207	4	17.286	954869	20.0
Dibenzothiophene	17.104	3.9	ng	187496	4	17.286	954869	20.0
n-Hexadecanoic ...	18.168	15.8	ng	754535	4	17.286	954869	20.0
Phenanthrene, 1...	18.204	8.1	ng	387124	4	17.286	954869	20.0
1H-Cyclopropa[l...	18.286	3.7	ng	175927	4	17.286	954869	20.0
4H-Cyclopenta[d...	18.357	13.0	ng	620378	4	17.286	954869	20.0
1H-Indene, 2-ph...	18.392	3.3	ng	159301	4	17.286	954869	20.0
Naphthalene, 2-...	18.657	5.0	ng	238048	4	17.286	954869	20.0
9,10-Anthracene...	18.709	3.1	ng	146184	4	17.286	954869	20.0
Phenanthrene, 3...	19.074	3.8	ng	181079	4	17.286	954869	20.0
Cyclopenta(def)...	19.221	3.7	ng	175651	4	17.286	954869	20.0
Pyrene, 1-methyl-	20.027	2.1	ng	348538	5	21.468	3293230	20.0
Fluoranthene, 2...	20.203	2.4	ng	399491	5	21.468	3293230	20.0
Cyclopenta(cd)p...	21.156	2.6	ng	433131	5	21.468	3293230	20.0
Perylene	23.315	9.0	ng	264633	6	23.862	588626	20.0
Benzo[e]pyrene	23.650	29.1	ng	855463	6	23.862	588626	20.0