LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038783.D
Acq On : 17 Feb 2023 20:31
Operator : CG/JU
Sample : 01552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

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: BM038783.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	262498	365766	1.06%	0.179%
2	5.440	375	383	393	rBV	820616	1156425	3.35%	0.565%
3	7.063	650	659	671	rBV	808071	1248019	3.62%	0.610%
4	7.881	789	798	805	rBV	231908	354017	1.03%	0.173%
5	9.063	992	999	1008	rVB	530078	839352	2.43%	0.410%
6	10.698	1270	1277	1281	rBV	302693	511282	1.48%	0.250%
7	10.751	1281	1286	1294	rVB	1125837	1770400	5.13%	0.865%
8	12.357	1549	1559	1566	rBV2	417022	684915	1.99%	0.335%
9	12.580	1588	1597	1606	rVB	321482	515745	1.50%	0.252%
10	13.157	1689	1695	1706	rVB	1750242	2421561	7.02%	1.183%
11	13.369	1720	1731	1737	rBV	291728	434176	1.26%	0.212%
12	14.263	1876	1883	1893	rVB	1602142	2260443	6.55%	1.104%
13	14.539	1926	1930	1935	rVB	504718	711265	2.06%	0.347%
14	14.604	1935	1941	1948	rVB	813899	1185668	3.44%	0.579%
15	14.933	1991	1997	2005	rVB	629082	902234	2.62%	0.441%
16	15.586	2102	2108	2117	rVB	1766414	2550004	7.39%	1.246%
17	16.033	2179	2184	2191	rVB	1980272	2750289	7.97%	1.344%
18	16.586	2267	2278	2283	rBV3	244445	596895	1.73%	0.292%
19	16.951	2335	2340	2346	rVB	306500	458283	1.33%	0.224%
20	17.039	2346	2355	2359	rVV3	168872	429855	1.25%	0.210%
21	17.110	2361	2367	2375	rVB	1312687	1858735	5.39%	0.908%
22	17.292	2392	2398	2401	rBV	518743	876545	2.54%	0.428%
23	17.357	2401	2409	2413	rVV	22243862	34487275	100.00%	16.849%
24	17.433	2413	2422	2426	rVV	3808791	5098743	14.78%	2.491%
25	17.704	2459	2468	2474	rBV2	751677	1281658	3.72%	0.626%
26	17.804	2481	2485	2492	rBV	377575	503409	1.46%	0.246%
27	17.868	2492	2496	2504	rVB5	194028	360267	1.04%	0.176%
28	18.168	2537	2547	2551	rBV	1369403	2124112	6.16%	1.038%
29	18.215	2551	2555	2561	rVB	1779173	2231486	6.47%	1.090%
30	18.298	2564	2569	2574	rVB	603178	825876	2.39%	0.403%
31	18.368	2574	2581	2584	rBV2	2278642	3732804	10.82%	1.824%
32	18.398	2584	2586	2592	rVB	761719	845184	2.45%	0.413%
33	18.662	2626	2631	2636	rVB	1292477	1664850	4.83%	0.813%
34	18.721	2636	2641	2646	rBV	479183	594580	1.72%	0.290%
35	19.080	2697	2702	2706	rVV	515748	850118	2.47%	0.415%
36	19.145	2707	2713	2716	rVV4	302350	671433	1.95%	0.328%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038783.D
Acq On : 17 Feb 2023 20:31
Operator : CG/JU
Sample : 01552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

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

37	19.239	2722	2729	2734	rVB3	289500	627037	1.82%	0.306%
38	19.368	2742	2751	2755	rBV	18870923	26189111	75.94%	12.795%
39	19.504	2769	2774	2778	rVV	1473809	1675612	4.86%	0.819%
40	19.592	2785	2789	2793	rBV	492772	670735	1.94%	0.328%
41	19.733	2800	2813	2817	rBV	18711492	27564304	79.93%	13.467%
42	19.780	2817	2821	2828	rVB3	365697	547341	1.59%	0.267%
43	19.909	2835	2843	2847	rBV2	3148367	4099286	11.89%	2.003%
44	19.956	2847	2851	2858	rVB	262296	413465	1.20%	0.202%
45	20.045	2859	2866	2871	rBV2	510353	1171143	3.40%	0.572%
46	20.174	2882	2888	2889	rBV3	433750	669256	1.94%	0.327%
47	20.209	2890	2894	2898	rVB	1381848	1837234	5.33%	0.898%
48	20.309	2906	2911	2914	rBV	1036135	1282571	3.72%	0.627%
49	20.368	2914	2921	2924	rVV2	678661	1070753	3.10%	0.523%
50	20.503	2940	2944	2948	rVV	496391	604917	1.75%	0.296%
51	20.551	2948	2952	2961	rVB2	626274	878452	2.55%	0.429%
52	20.956	3017	3021	3027	rVB	388111	500881	1.45%	0.245%
53	21.121	3045	3049	3052	rBV	889021	1108321	3.21%	0.541%
54	21.156	3052	3055	3059	rVV	1079571	1359430	3.94%	0.664%
55	21.198	3059	3062	3066	rVV2	1126652	1435306	4.16%	0.701%
56	21.256	3070	3072	3078	rVB	405040	466458	1.35%	0.228%
57	21.368	3087	3091	3095	rVB2	330637	522730	1.52%	0.255%
58	21.468	3102	3108	3113	rBV	7748467	11089089	32.15%	5.418%
59	21.521	3113	3117	3121	rVB	5939276	6721612	19.49%	3.284%
60	21.639	3133	3137	3142	rBV2	463543	626034	1.82%	0.306%
61	21.692	3143	3146	3150	rBV2	286789	361659	1.05%	0.177%
62	22.050	3203	3207	3211	rVV	626550	968455	2.81%	0.473%
63	22.103	3213	3216	3223	rVB	318398	398109	1.15%	0.195%
64	22.262	3239	3243	3245	rBV	316743	463483	1.34%	0.226%
65	22.362	3256	3260	3265	rVB2	285570	413081	1.20%	0.202%
66	23.156	3387	3395	3400	rBV	3001778	7689563	22.30%	3.757%
67	23.327	3419	3424	3430	rBV	669842	1109592	3.22%	0.542%
68	23.668	3475	3482	3492	rVB	2092422	3889268	11.28%	1.900%
69	23.780	3493	3501	3508	rBV	3409209	6432671	18.65%	3.143%
70	23.874	3513	3517	3521	rVV	374046	707073	2.05%	0.345%
71	23.927	3521	3526	3534	rVB	701313	1426075	4.14%	0.697%
72	26.374	3932	3942	3951	rVB	1355070	4094253	11.87%	2.000%
73	27.156	4065	4075	4085	rVB	1096537	3442624	9.98%	1.682%

Sum of corrected areas: 204680653

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Misc :
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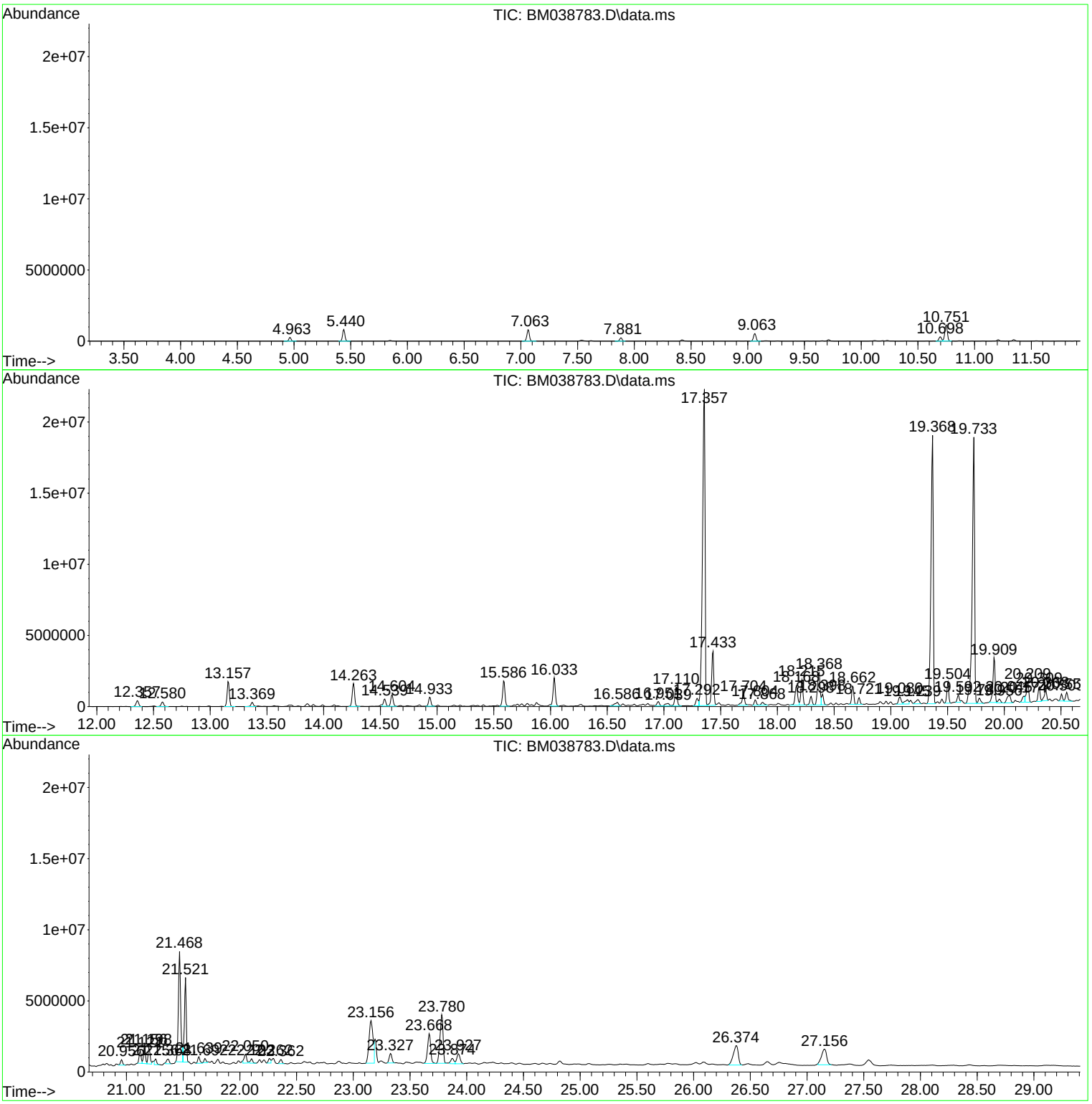
Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038783.D
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Operator : CG/JU
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Instrument :
BNA_M
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SB-01-0-2.0

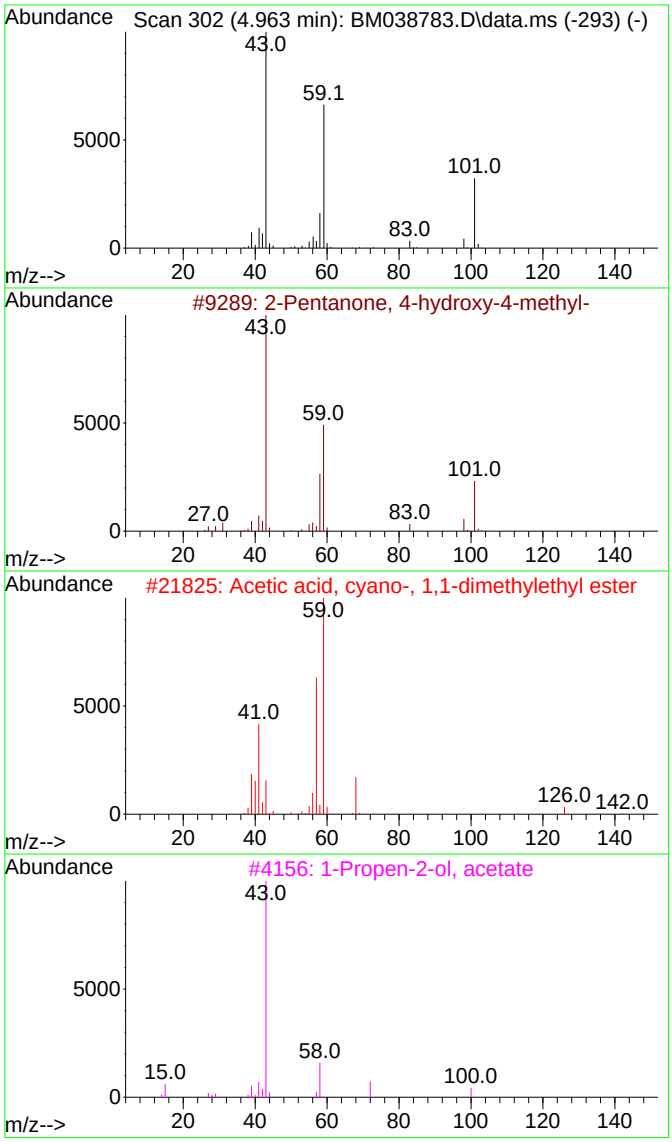
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

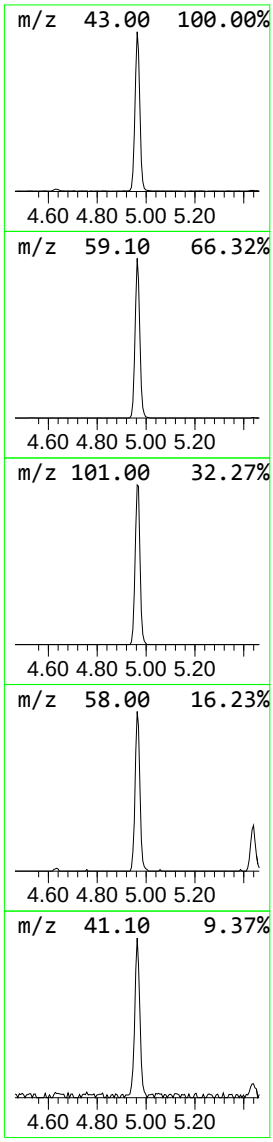
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	20.66 ng	365766	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	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038783.D
Acq On : 17 Feb 2023 20:31
Operator : CG/JU
Sample : 01552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

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

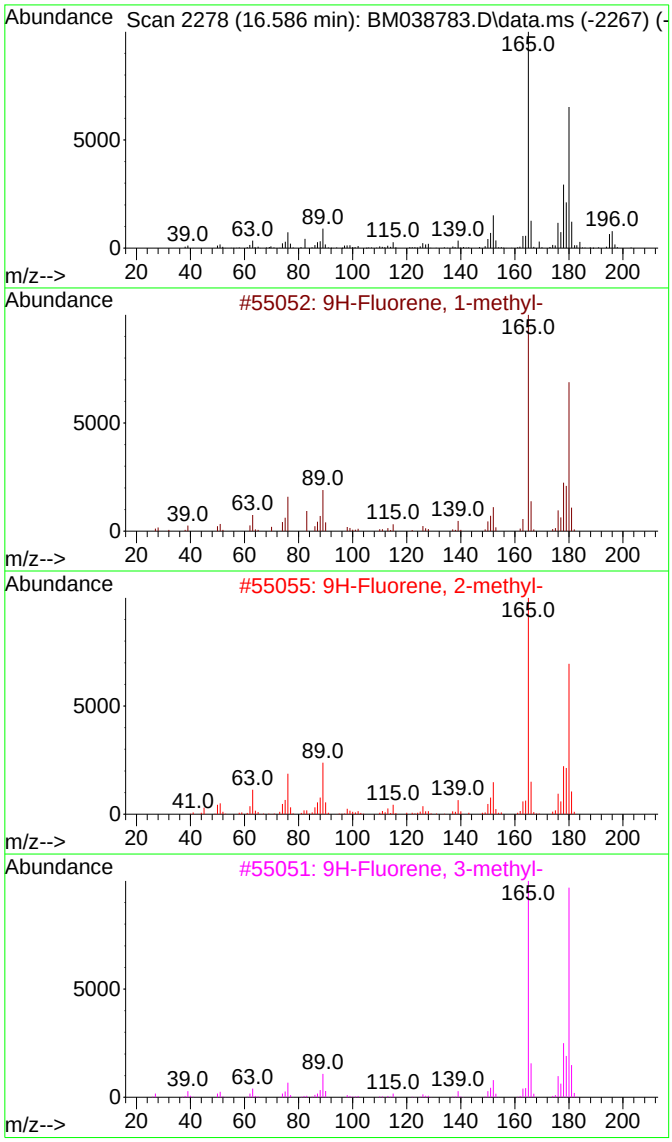
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

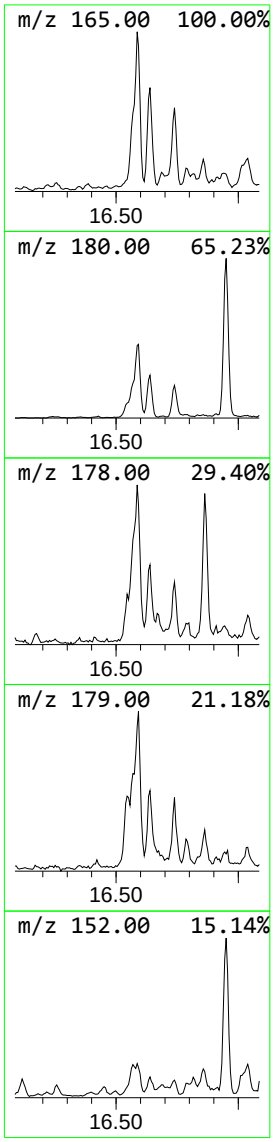
****

Peak Number 2 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.586	13.62 ng	596895	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038783.D
Acq On : 17 Feb 2023 20:31
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Sample : 01552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

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

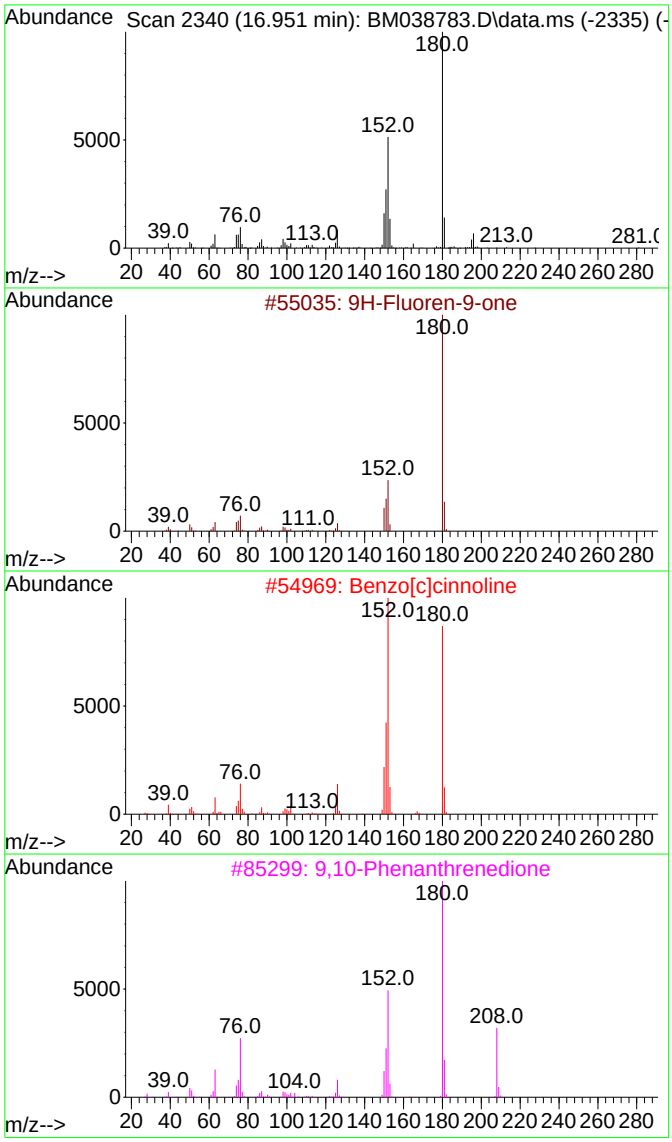
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

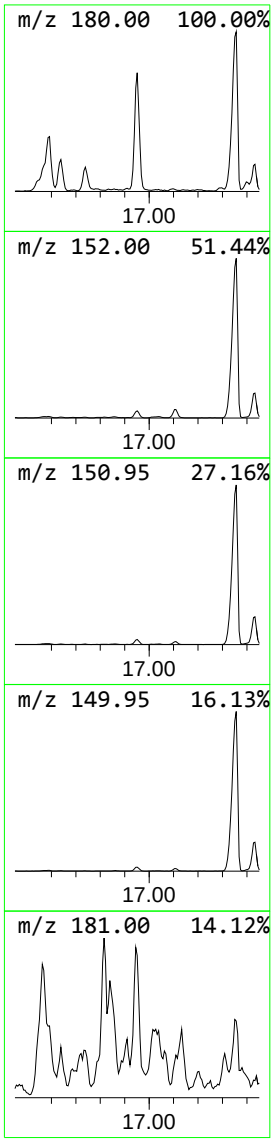
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.951	10.46 ng	458283	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	83
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83
5	Diphenic anhydride	224	C14H8O3	006050-13-1	78





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Sample : 01552-01
Misc :
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Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

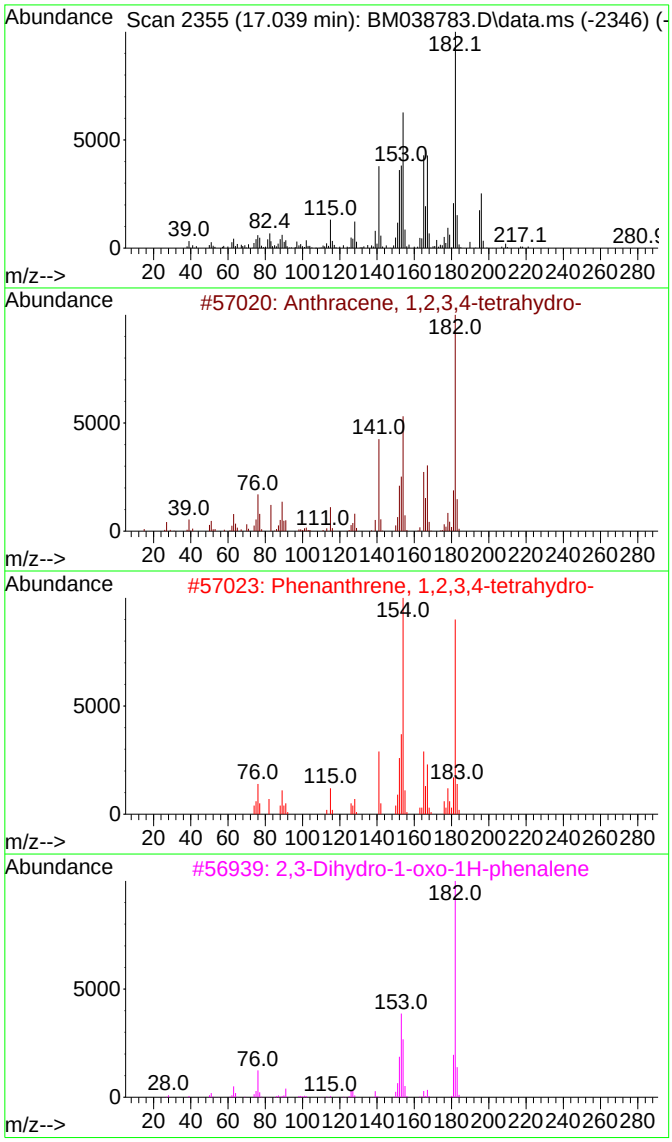
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

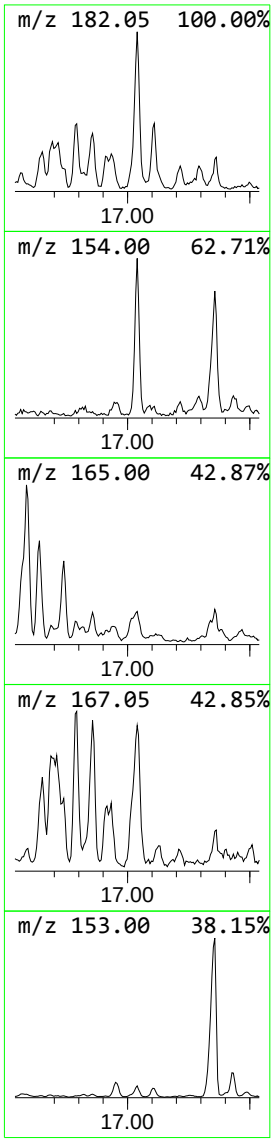
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	9.81 ng	429855	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	91
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	89
3	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	50
4	Dehydrochamazulene	182	C14H14	321732-25-6	49
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038783.D
Acq On : 17 Feb 2023 20:31
Operator : CG/JU
Sample : 01552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

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

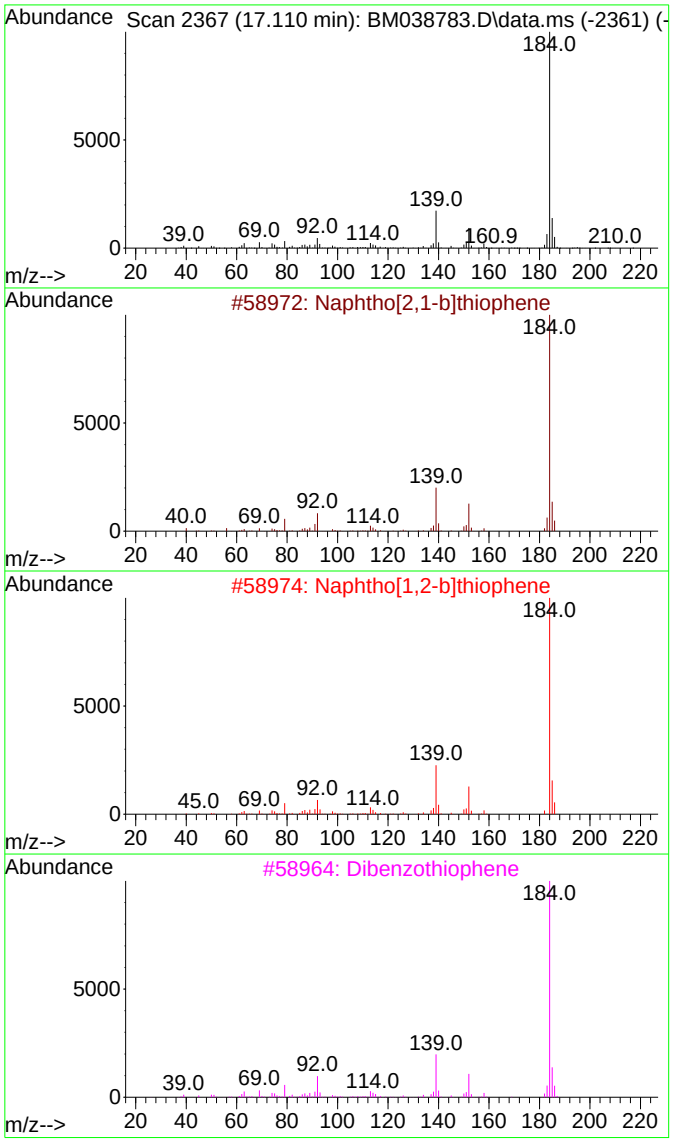
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

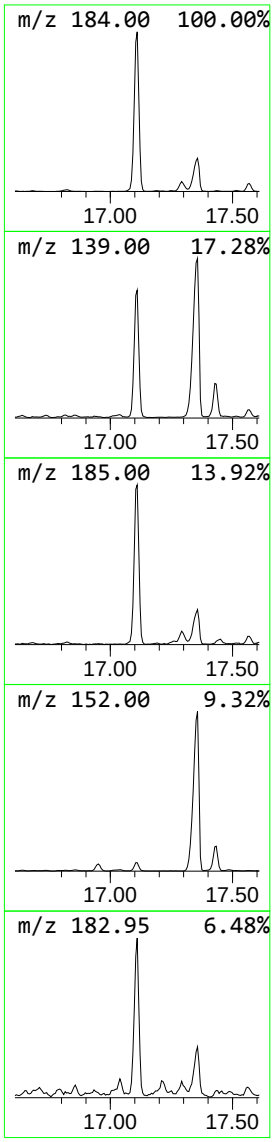
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.110	42.41 ng	1858740	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Data File : BM038783.D
Acq On : 17 Feb 2023 20:31
Operator : CG/JU
Sample : 01552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

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

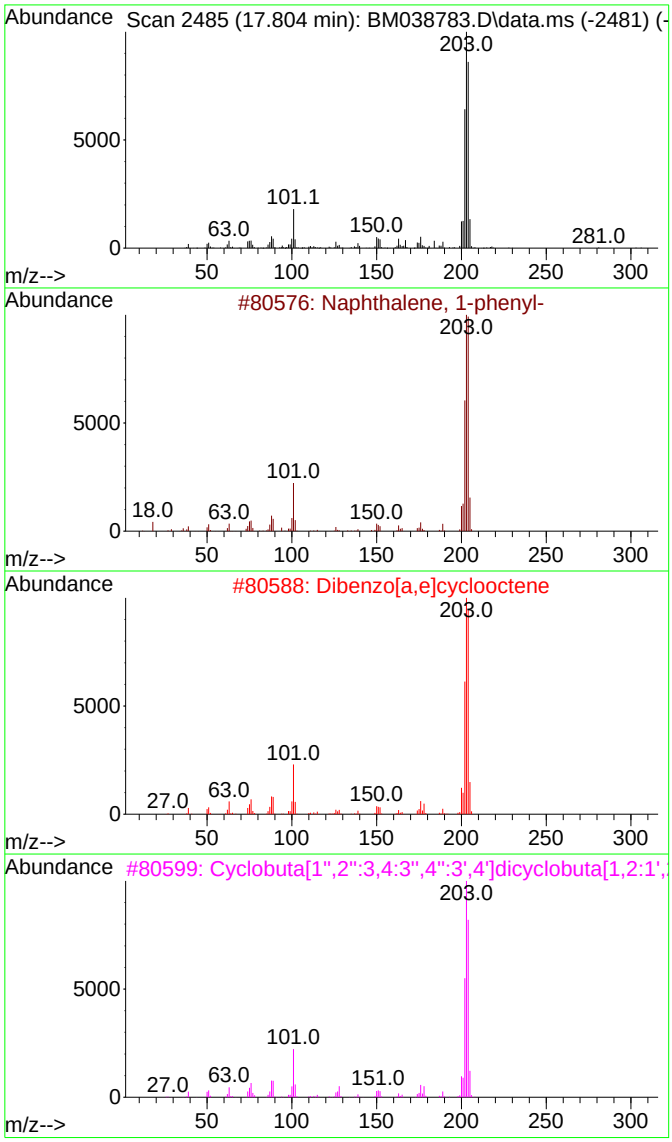
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

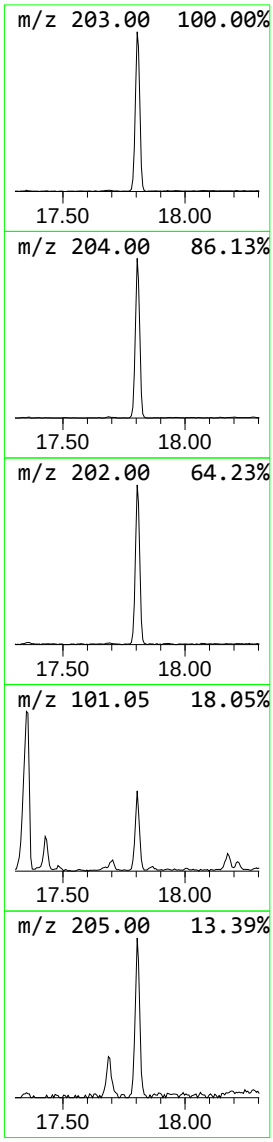
****

Peak Number 6 Naphthalene, 1-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	11.49 ng	503409	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	98
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
3	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	76
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	76
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038783.D
Acq On : 17 Feb 2023 20:31
Operator : CG/JU
Sample : 01552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

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

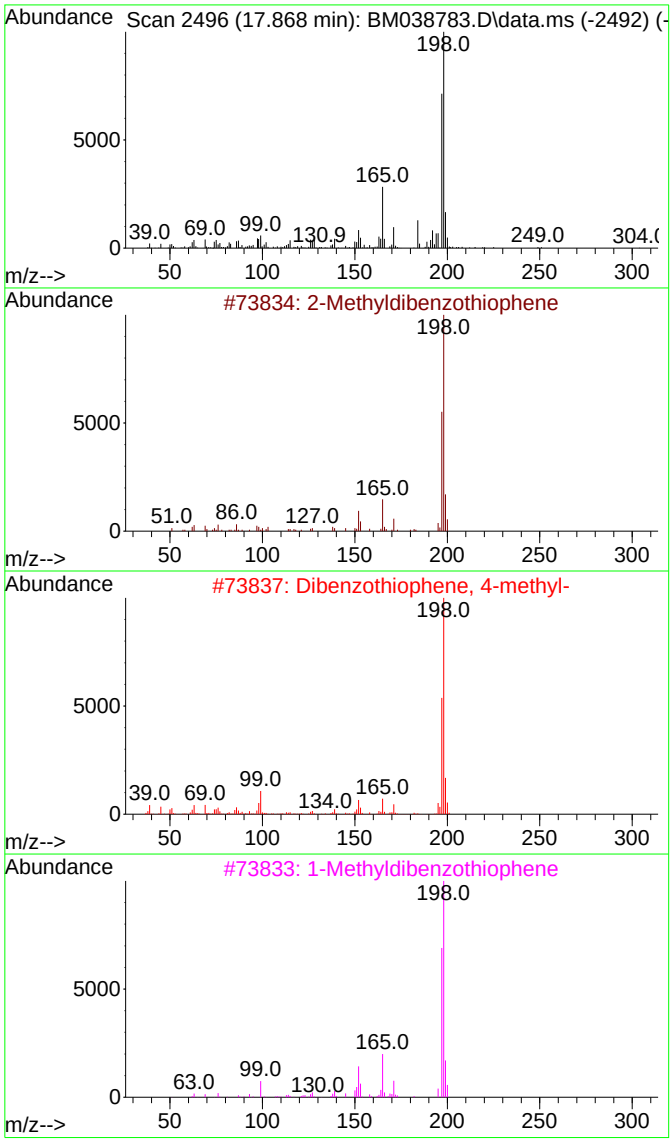
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

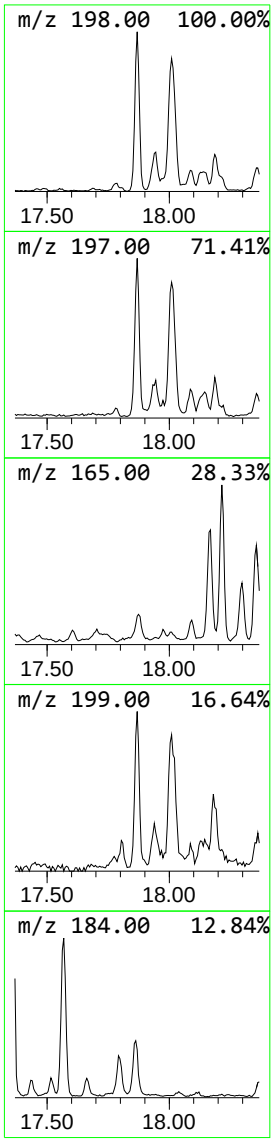
****

Peak Number 7 2-Methyldibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.868	8.22 ng	360267	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	93
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	74
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	68





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Sample : 01552-01
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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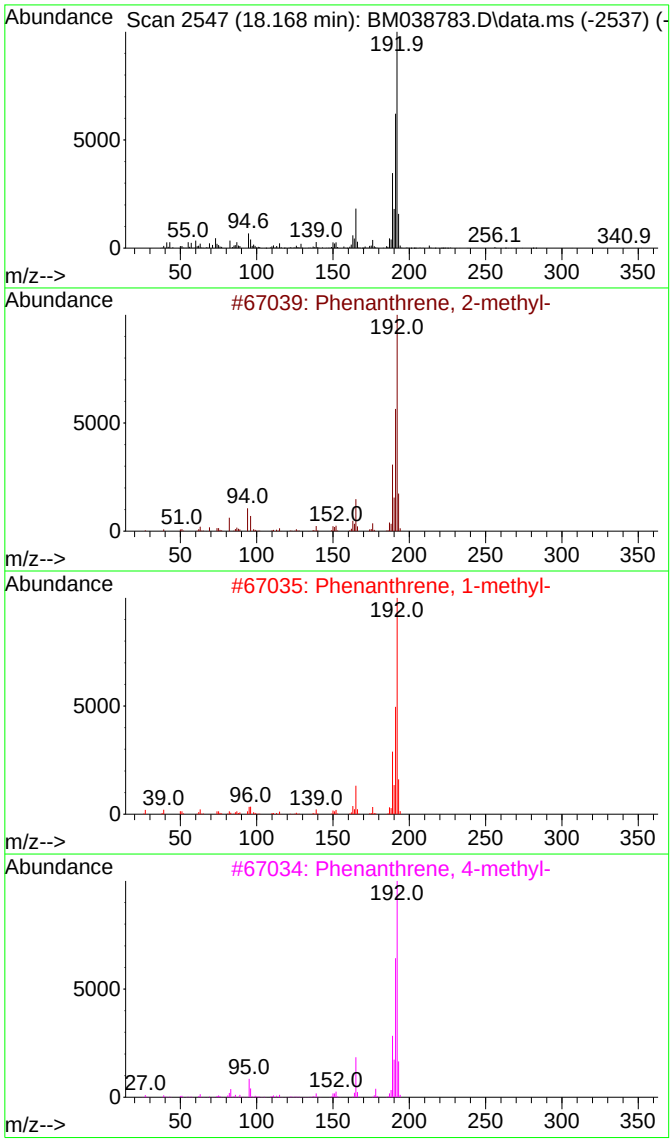
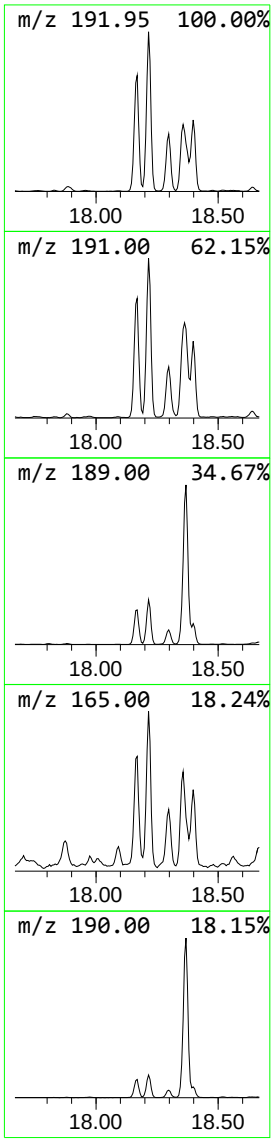
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	48.47 ng	2124110	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	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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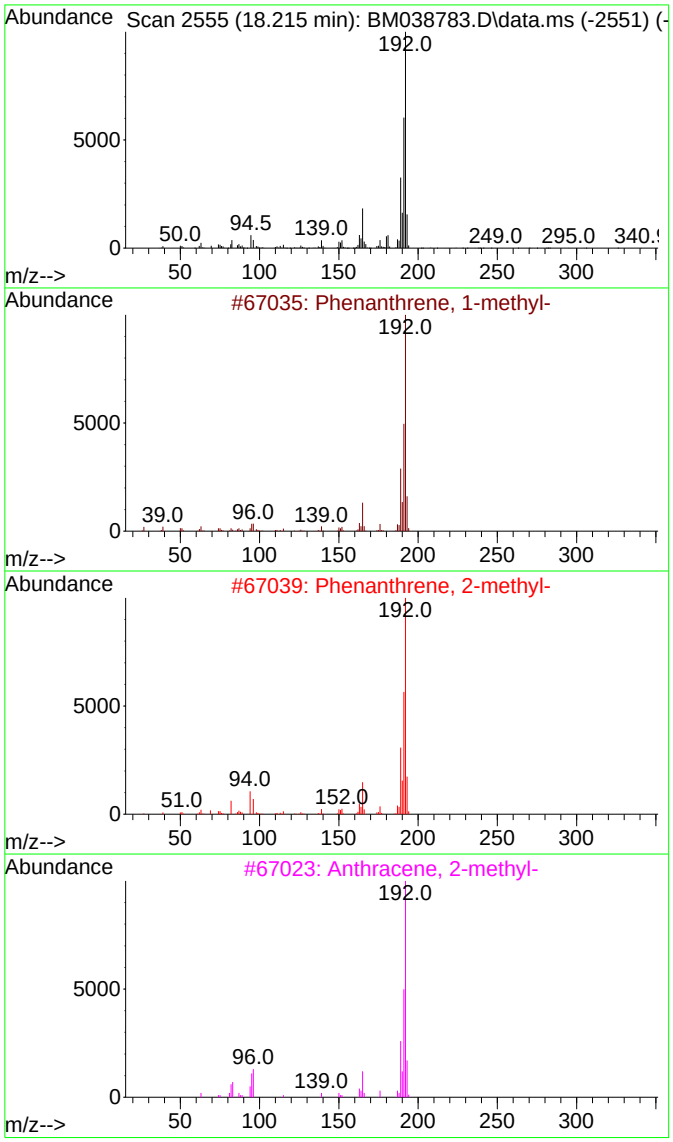
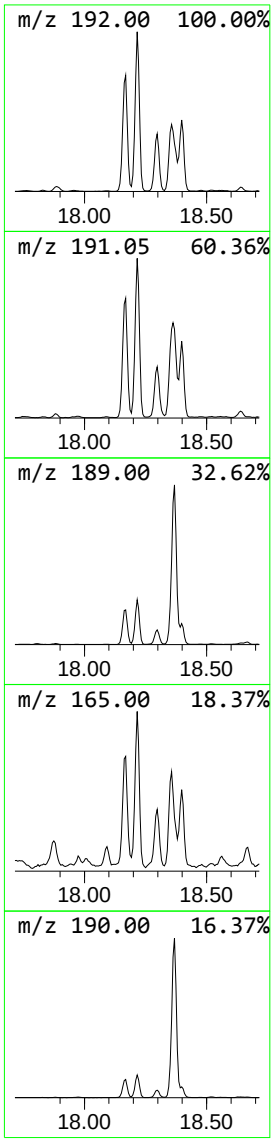
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.215	50.92 ng	2231490	Phenanthrene-d10	17.292

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	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
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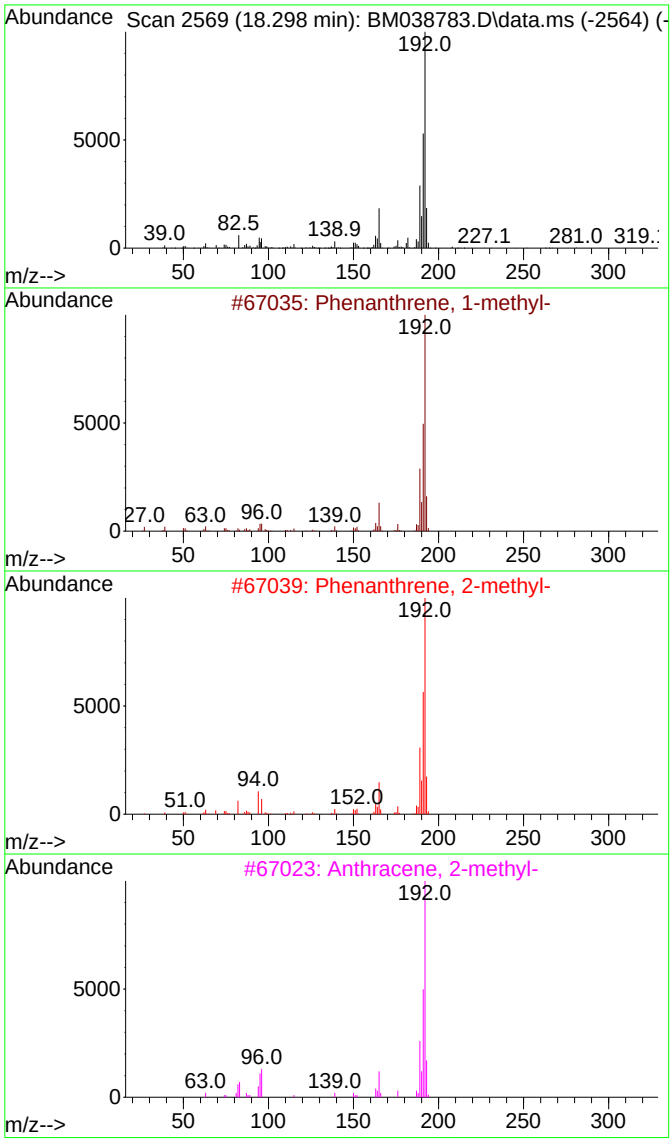
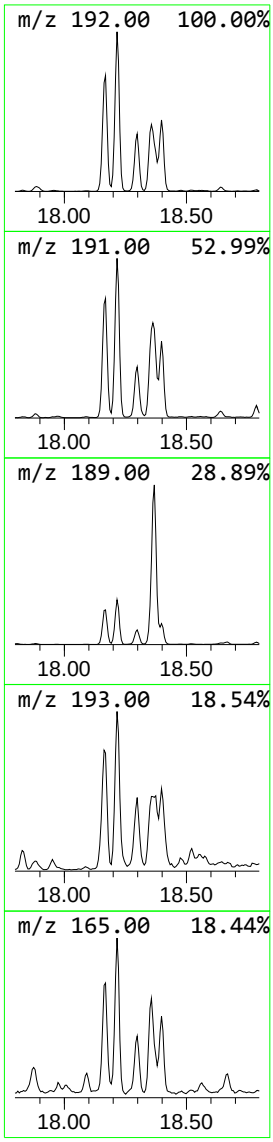
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	18.84 ng	825876	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	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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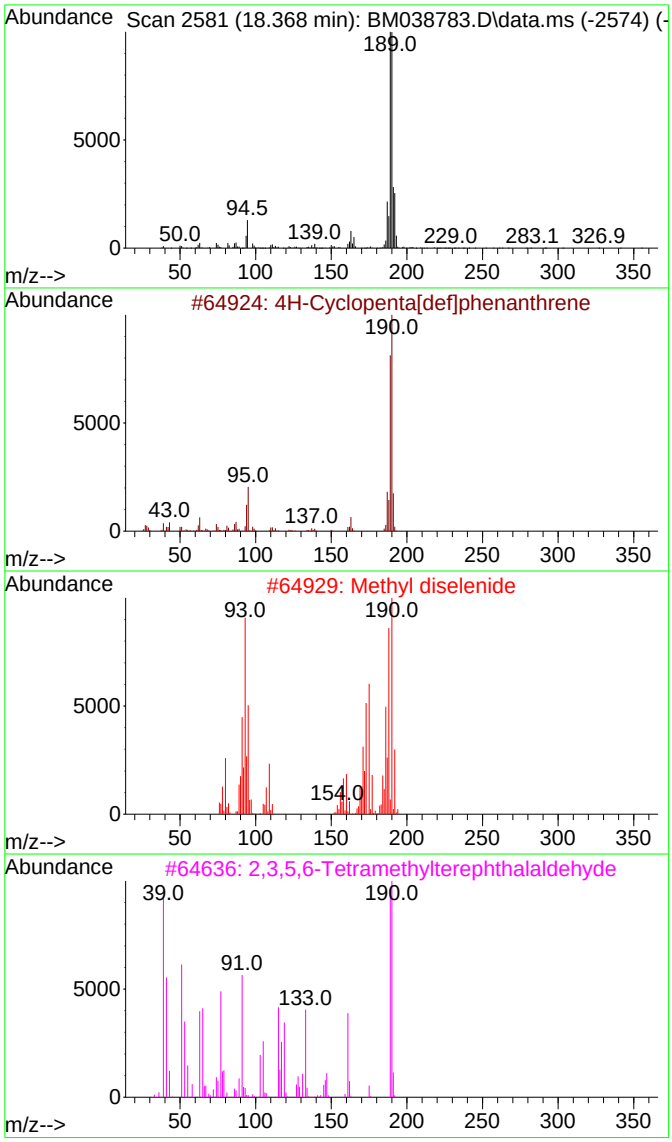
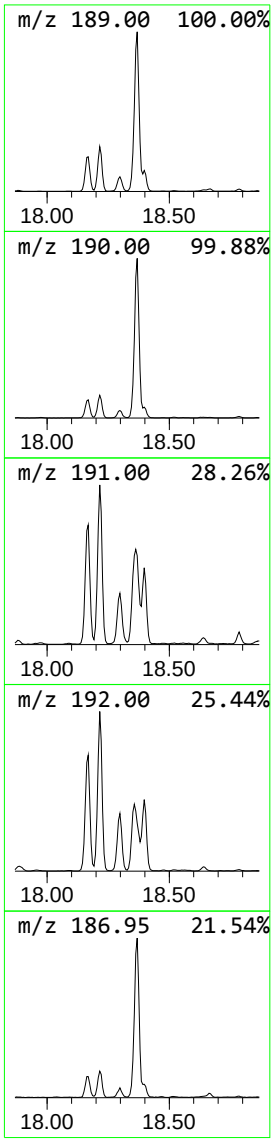
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	85.17 ng	3732800	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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

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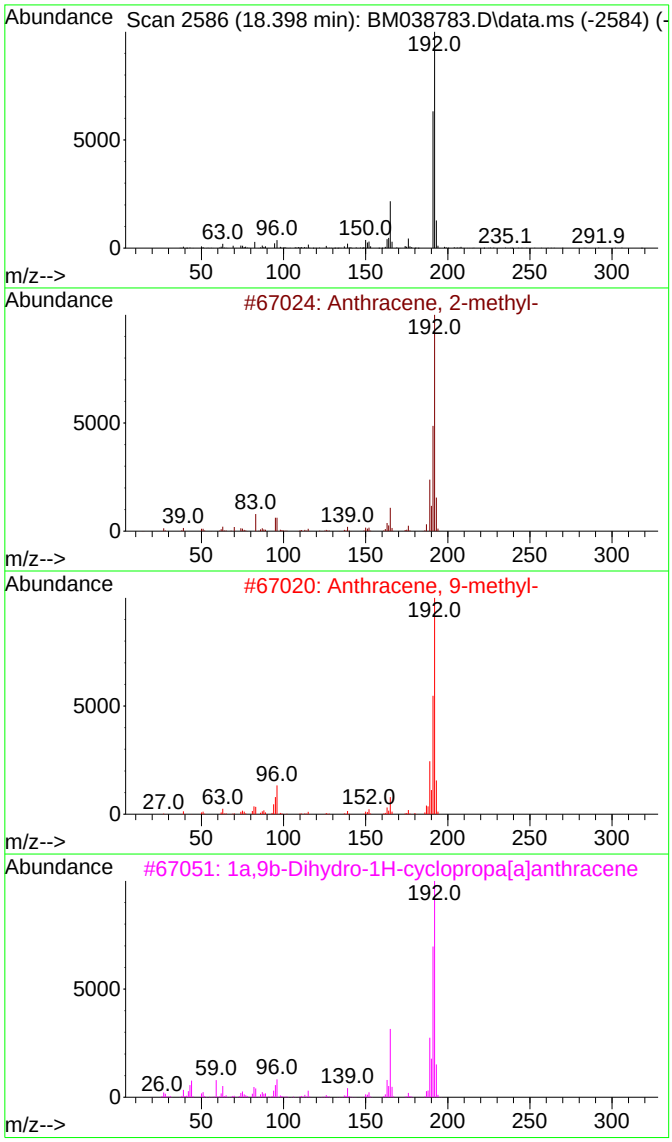
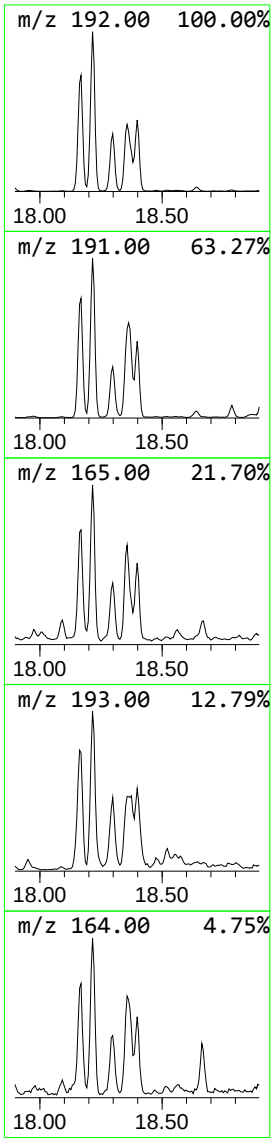
Peak Number 12 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	19.28 ng	845184	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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

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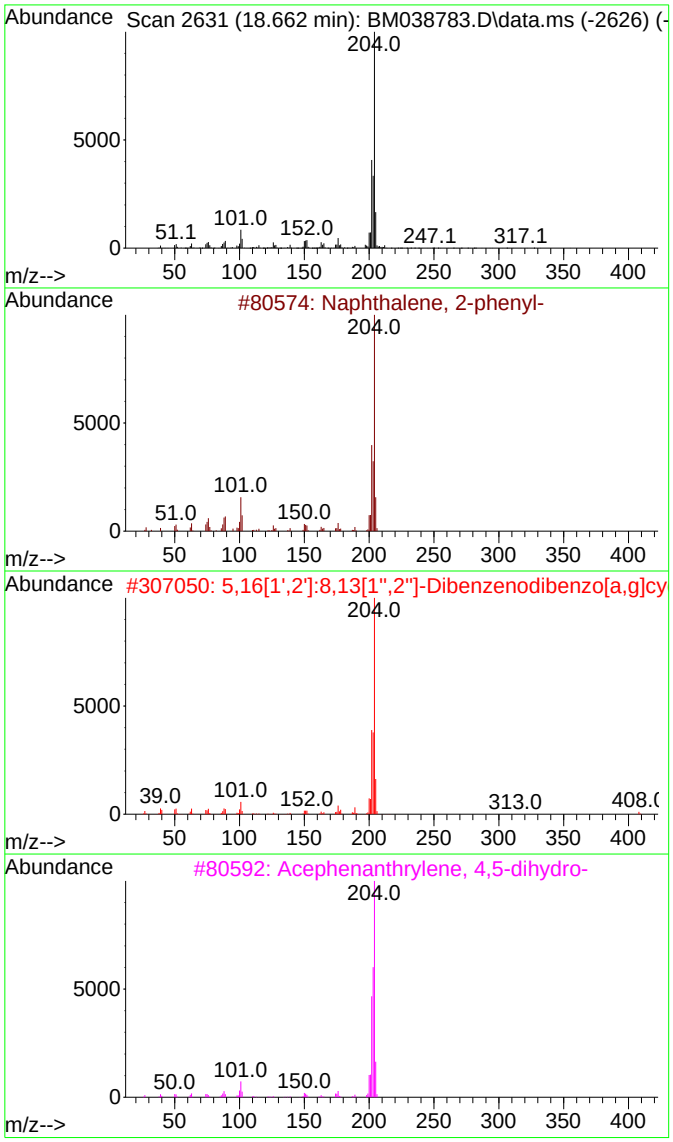
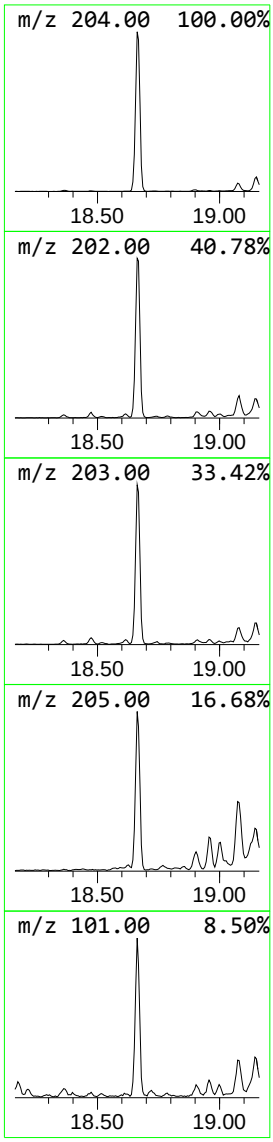
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.662	37.99 ng	1664850	Phenanthrene-d10	17.292

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	91
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	55
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50





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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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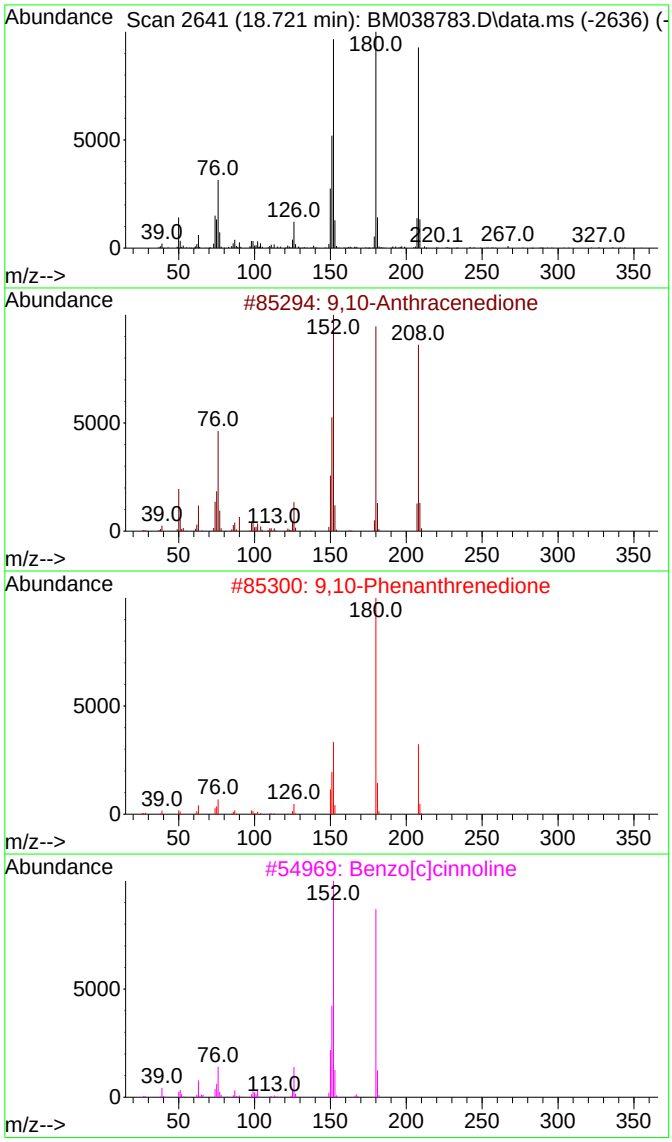
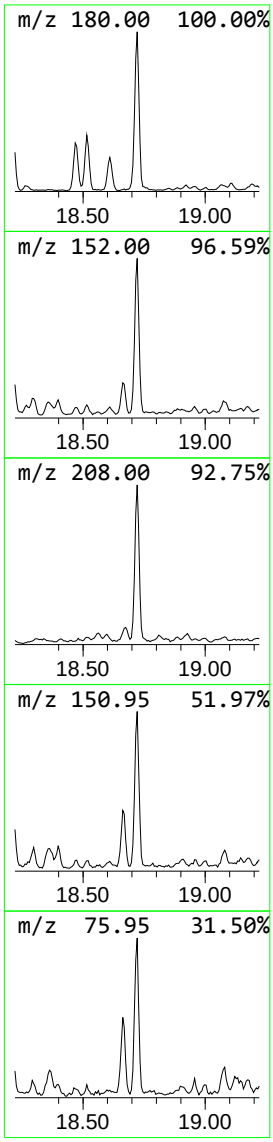
Peak Number 14 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.721	13.57 ng	594580	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	93
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	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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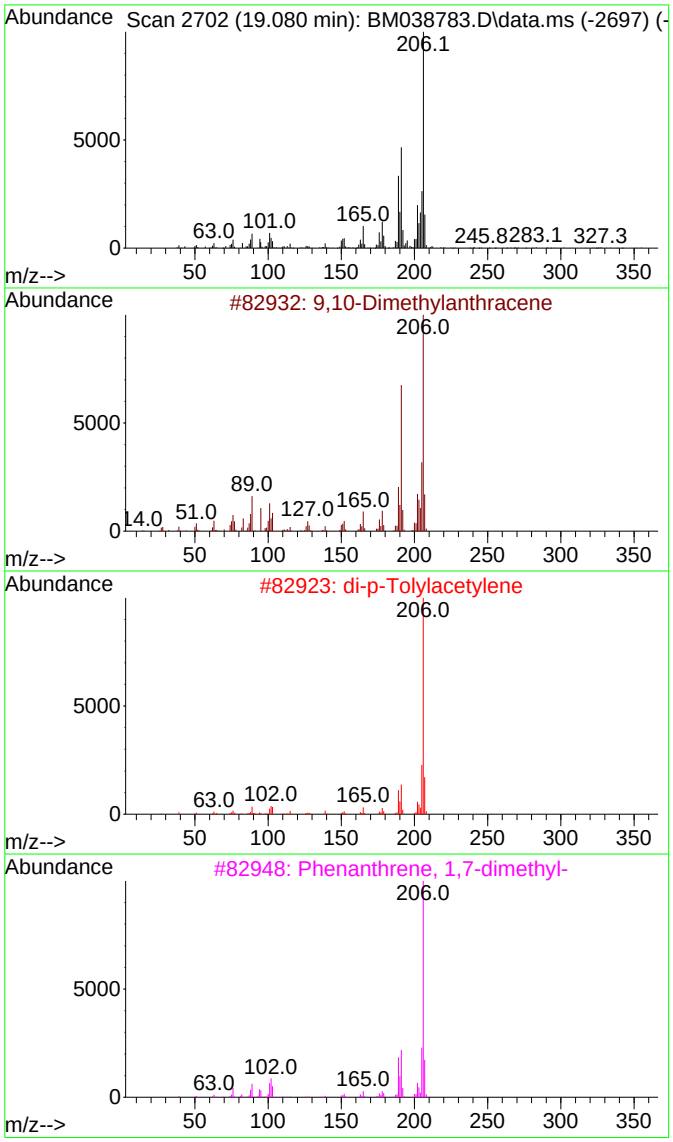
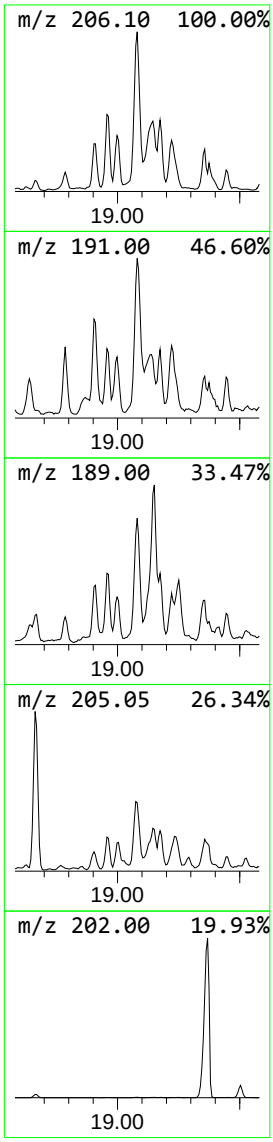
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.080	19.40 ng	850118	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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

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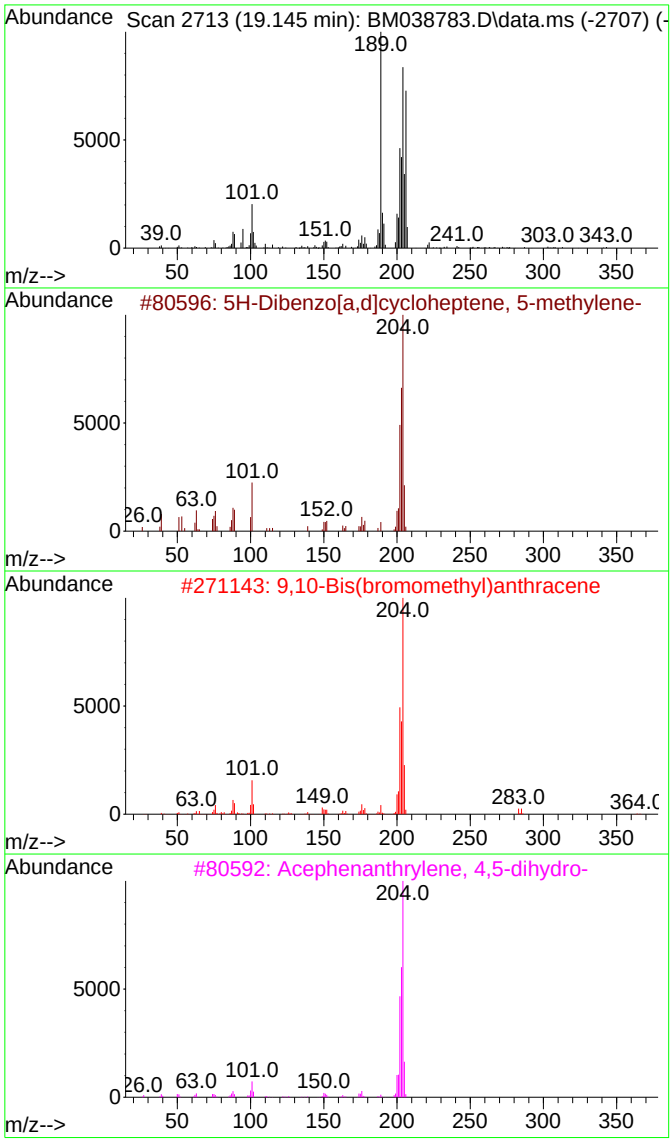
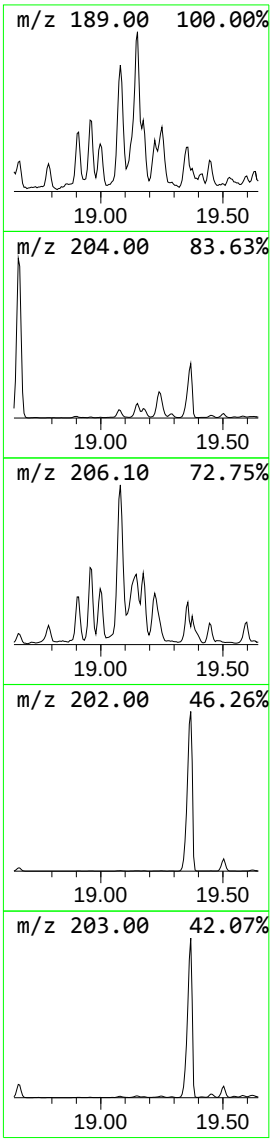
Peak Number 16 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	15.32 ng	671433	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	62
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	38
5	5-(Difluoromethyl)-3-methyl-1H-p...	204	C8H14F2N2Si	1000498-58-2	38





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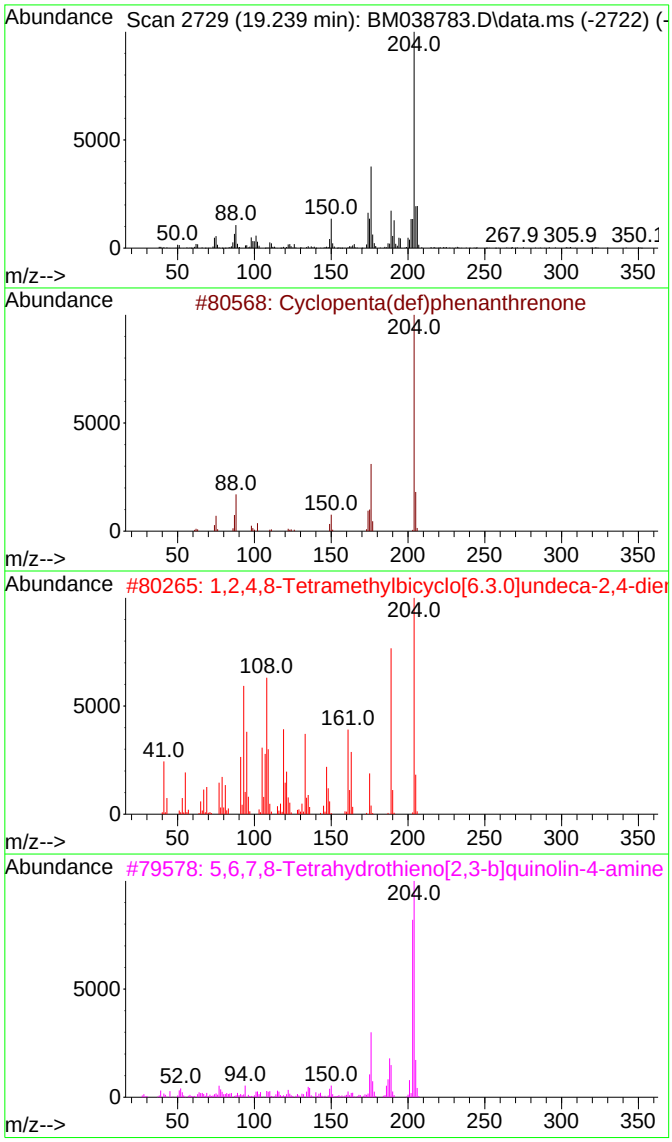
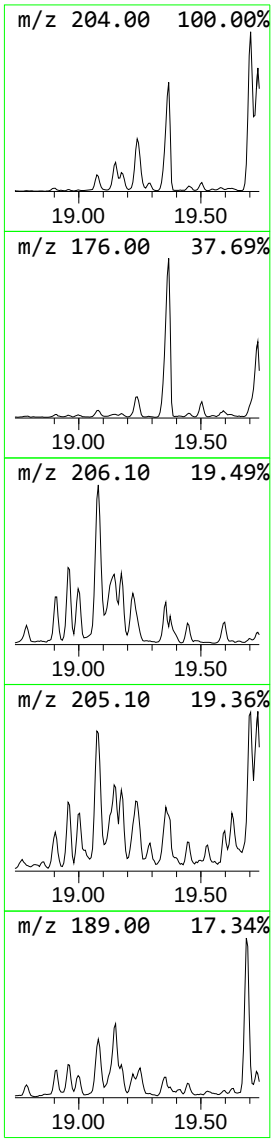
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	14.31 ng	627037	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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TIC Library : C:\Database\NIST20.L
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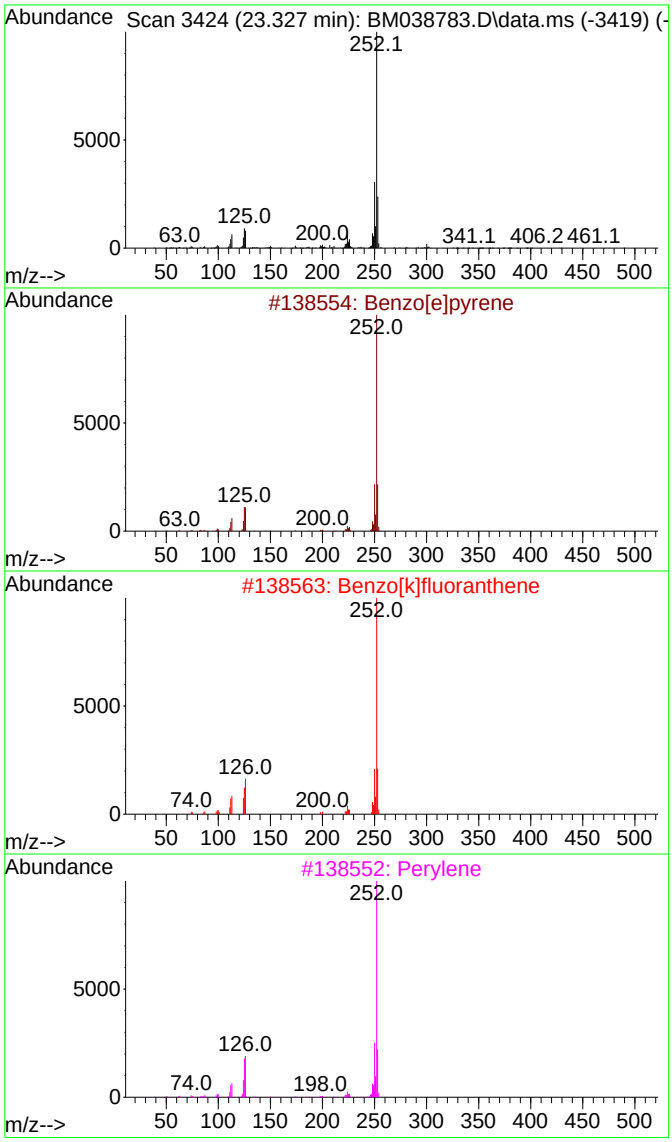
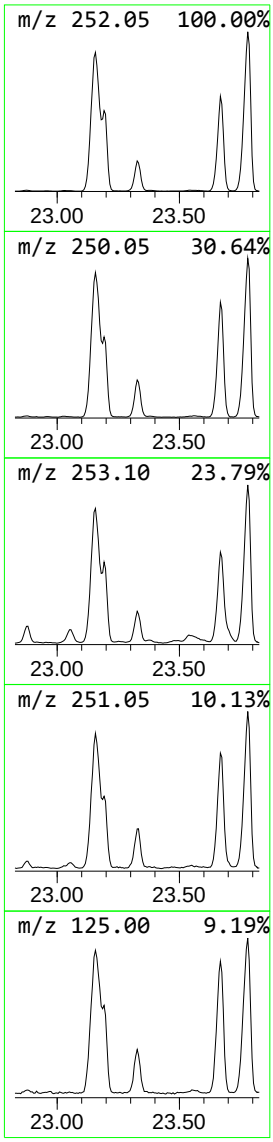
Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.327	31.39 ng	1109590	Perylene-d12	23.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038783.D
Acq On : 17 Feb 2023 20:31
Operator : CG/JU
Sample : 01552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

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

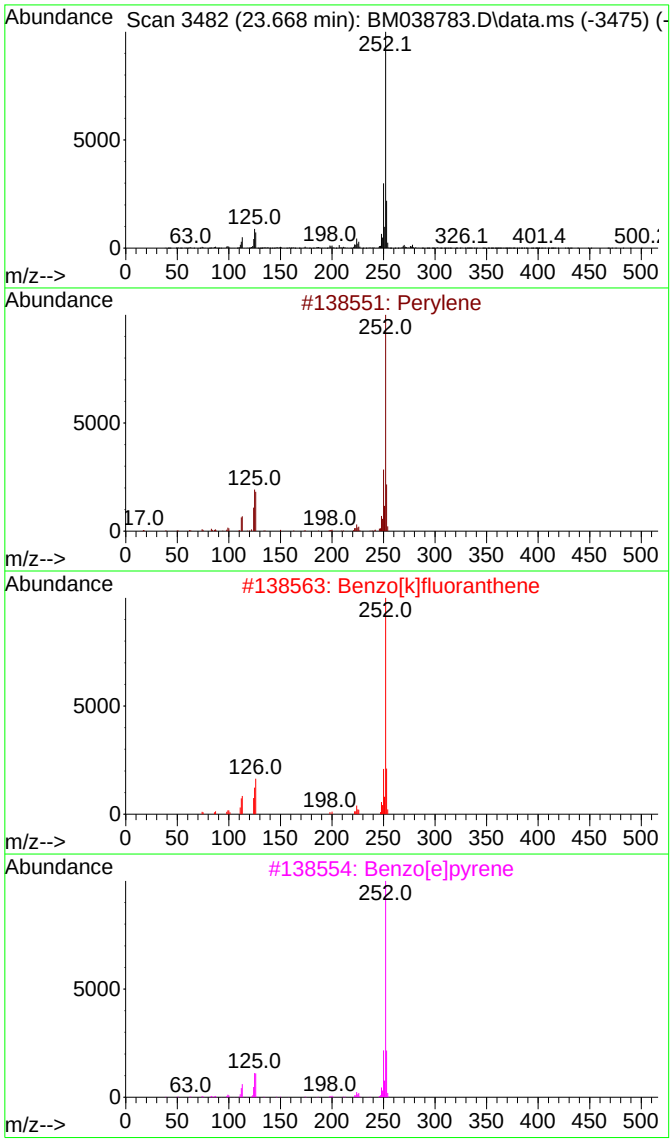
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

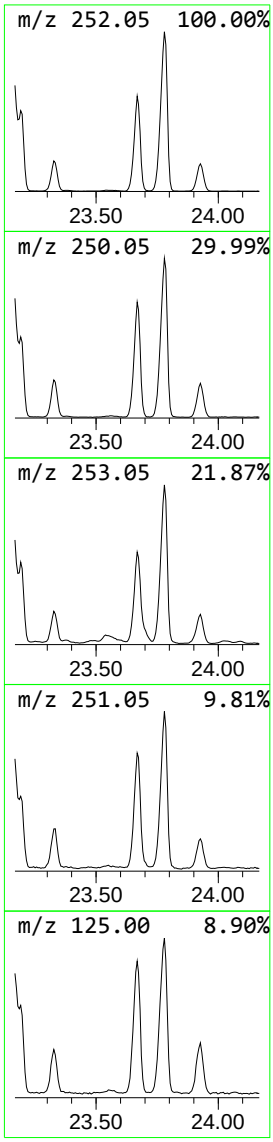
****

Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.668	110.01 ng	3889270	Perylene-d12	23.874

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038783.D
Acq On : 17 Feb 2023 20:31
Operator : CG/JU
Sample : 01552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

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

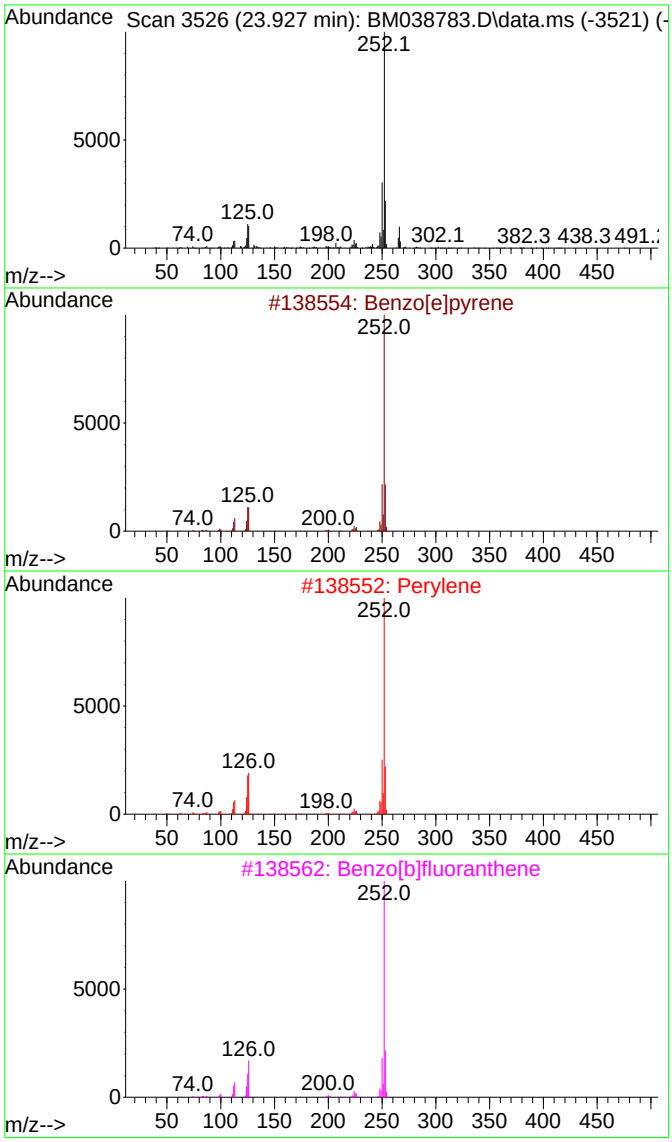
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

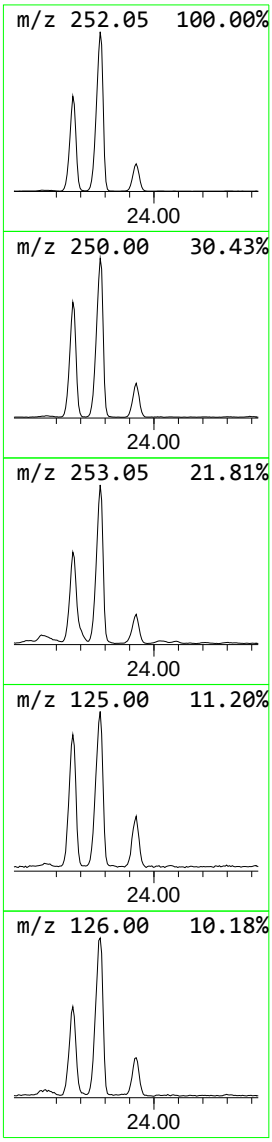
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.927	40.34 ng	1426080	Perylene-d12	23.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038783.D
Acq On : 17 Feb 2023 20:31
Operator : CG/JU
Sample : 01552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

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	20.7	ng	365766	1	7.881	354017	20.0
9H-Fluorene, 1-...	16.586	13.6	ng	596895	4	17.292	876545	20.0
9H-Fluoren-9-one	16.951	10.5	ng	458283	4	17.292	876545	20.0
Anthracene, 1,2...	17.039	9.8	ng	429855	4	17.292	876545	20.0
Naphtho[2,1-b]t...	17.110	42.4	ng	1858740	4	17.292	876545	20.0
Naphthalene, 1-...	17.804	11.5	ng	503409	4	17.292	876545	20.0
2-Methyldibenzo...	17.868	8.2	ng	360267	4	17.292	876545	20.0
Phenanthrene, 2...	18.168	48.5	ng	2124110	4	17.292	876545	20.0
Phenanthrene, 1...	18.215	50.9	ng	2231490	4	17.292	876545	20.0
Anthracene, 2-m...	18.298	18.8	ng	825876	4	17.292	876545	20.0
4H-Cyclopenta[d...	18.368	85.2	ng	3732800	4	17.292	876545	20.0
Anthracene, 9-m...	18.398	19.3	ng	845184	4	17.292	876545	20.0
Naphthalene, 2-...	18.662	38.0	ng	1664850	4	17.292	876545	20.0
9,10-Anthracene...	18.721	13.6	ng	594580	4	17.292	876545	20.0
9,10-Dimethylan...	19.080	19.4	ng	850118	4	17.292	876545	20.0
5H-Dibenzo[a,d]...	19.145	15.3	ng	671433	4	17.292	876545	20.0
Cyclopenta(def)...	19.239	14.3	ng	627037	4	17.292	876545	20.0
Benzo[e]pyrene	23.327	31.4	ng	1109590	6	23.874	707073	20.0
Perylene	23.668	110.0	ng	3889270	6	23.874	707073	20.0
Benzo[j]fluoran...	23.927	40.3	ng	1426080	6	23.874	707073	20.0