LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056532.D
Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

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_G\Methods\8270-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056532.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.802	422	428	438	rBB	40668	67907	1.06%	0.119%
2	7.424	698	704	713	rBV	42733	74779	1.16%	0.132%
3	8.281	843	850	858	rBB	171730	287391	4.47%	0.506%
4	11.113	1324	1332	1336	rBV	224859	394226	6.14%	0.693%
5	11.166	1336	1341	1350	rVB	172742	312910	4.87%	0.550%
6	12.747	1604	1610	1618	rBB	63299	99629	1.55%	0.175%
7	12.964	1638	1647	1654	rBB	48567	75857	1.18%	0.133%
8	13.522	1735	1742	1750	rBB	100575	149810	2.33%	0.264%
9	14.222	1853	1861	1866	rBV2	48363	79851	1.24%	0.140%
10	14.903	1971	1977	1982	rVB	357010	564619	8.79%	0.993%
11	14.962	1982	1987	1994	rVB	330955	503709	7.84%	0.886%
12	15.291	2036	2043	2050	rBV	173240	290539	4.52%	0.511%
13	15.937	2146	2153	2162	rVB	265493	432596	6.74%	0.761%
14	16.231	2199	2203	2210	rVB2	104458	160625	2.50%	0.283%
15	16.378	2222	2228	2235	rVB2	145233	268035	4.17%	0.471%
16	16.936	2319	2323	2328	rVB2	60523	100943	1.57%	0.178%
17	17.159	2354	2361	2365	rBV3	50925	110654	1.72%	0.195%
18	17.206	2365	2369	2377	rVV4	55255	115977	1.81%	0.204%
19	17.294	2378	2384	2390	rVV	101700	173875	2.71%	0.306%
20	17.359	2390	2395	2407	rVV4	52276	141762	2.21%	0.249%
21	17.459	2407	2412	2419	rVB	160077	254485	3.96%	0.448%
22	17.641	2436	2443	2446	rBV	450820	715528	11.14%	1.259%
23	17.688	2446	2451	2457	rVV	2712098	4186334	65.18%	7.364%
24	17.776	2457	2466	2471	rVV	705320	1081866	16.84%	1.903%
25	17.829	2471	2475	2479	rVB	46655	76006	1.18%	0.134%
26	18.035	2500	2510	2517	rBV2	198299	391618	6.10%	0.689%
27	18.146	2525	2529	2534	rBV	76213	113586	1.77%	0.200%
28	18.511	2585	2591	2595	rBV	265102	398535	6.21%	0.701%
29	18.558	2595	2599	2605	rVB	405574	570791	8.89%	1.004%
30	18.634	2606	2612	2617	rBV	170510	263882	4.11%	0.464%
31	18.710	2617	2625	2628	rBV3	470278	894422	13.93%	1.573%
32	18.740	2628	2630	2635	rVV	183593	200425	3.12%	0.353%
33	18.992	2668	2673	2678	rBV	279414	399083	6.21%	0.702%
34	19.045	2678	2682	2688	rVV	172119	244913	3.81%	0.431%
35	19.239	2711	2715	2719	rVB	74933	99914	1.56%	0.176%
36	19.286	2719	2723	2726	rBV	53542	72895	1.13%	0.128%

LSC Area Percent Report

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Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

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_G\Methods\8270-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.321	2726	2729	2735	rVB2	52624	73142	1.14%	0.129%
38	19.410	2738	2744	2747	rBV	136625	244103	3.80%	0.429%
39	19.562	2764	2770	2777	rBV2	142198	261427	4.07%	0.460%
40	19.686	2782	2791	2796	rBV	4117549	6422640	100.00%	11.298%
41	19.768	2801	2805	2810	rVB2	98578	151919	2.37%	0.267%
42	19.921	2827	2831	2840	rVB	183321	333449	5.19%	0.587%
43	20.009	2840	2846	2848	rBV2	724554	1269871	19.77%	2.234%
44	20.050	2848	2853	2858	rVV	3550880	5459381	85.00%	9.603%
45	20.097	2858	2861	2868	rVB2	179429	258833	4.03%	0.455%
46	20.209	2876	2880	2885	rVB2	348078	457855	7.13%	0.805%
47	20.273	2888	2891	2896	rVB	179955	256738	4.00%	0.452%
48	20.350	2898	2904	2910	rBV3	240996	562957	8.77%	0.990%
49	20.408	2910	2914	2919	rBV	75940	103980	1.62%	0.183%
50	20.491	2921	2928	2929	rBV3	162635	324225	5.05%	0.570%
51	20.520	2929	2933	2938	rVB	463290	686286	10.69%	1.207%
52	20.620	2945	2950	2953	rBV	317604	450965	7.02%	0.793%
53	20.679	2953	2960	2963	rVV2	273983	550722	8.57%	0.969%
54	20.714	2963	2966	2969	rVB	130585	158512	2.47%	0.279%
55	20.820	2980	2984	2987	rBV	174545	237535	3.70%	0.418%
56	20.867	2989	2992	3000	rVB	176163	268954	4.19%	0.473%
57	21.301	3062	3066	3072	rVB	229458	352832	5.49%	0.621%
58	21.495	3093	3099	3102	rBV3	283495	518611	8.07%	0.912%
59	21.537	3102	3106	3110	rVV	296167	439927	6.85%	0.774%
60	21.589	3110	3115	3120	rVV2	369234	668029	10.40%	1.175%
61	21.654	3121	3126	3136	rVB2	257588	504184	7.85%	0.887%
62	21.918	3161	3171	3178	rBV3	2078444	4808742	74.87%	8.459%
63	21.989	3178	3183	3195	rVB	1686693	3140036	48.89%	5.524%
64	22.148	3205	3210	3217	rBV	379915	651336	10.14%	1.146%
65	22.365	3241	3247	3253	rBV2	229062	467704	7.28%	0.823%
66	22.706	3301	3305	3310	rVB	210944	359615	5.60%	0.633%
67	22.776	3314	3317	3326	rVB	126079	233006	3.63%	0.410%
68	23.000	3350	3355	3359	rBV2	107083	237188	3.69%	0.417%
69	23.135	3374	3378	3386	rVB4	114962	258838	4.03%	0.455%
70	24.292	3564	3575	3582	rBV	1119677	4169039	64.91%	7.334%
71	24.551	3613	3619	3627	rVB	221223	520243	8.10%	0.915%
72	25.062	3697	3706	3721	rVB	661729	2167319	33.74%	3.812%
73	25.226	3723	3734	3746	rVV	1020668	3044435	47.40%	5.355%
74	25.379	3754	3760	3766	rVV3	152469	377814	5.88%	0.665%
75	25.455	3767	3773	3789	rVB2	302386	1026142	15.98%	1.805%

LSC Area Percent Report

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Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

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_G\Methods\8270-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

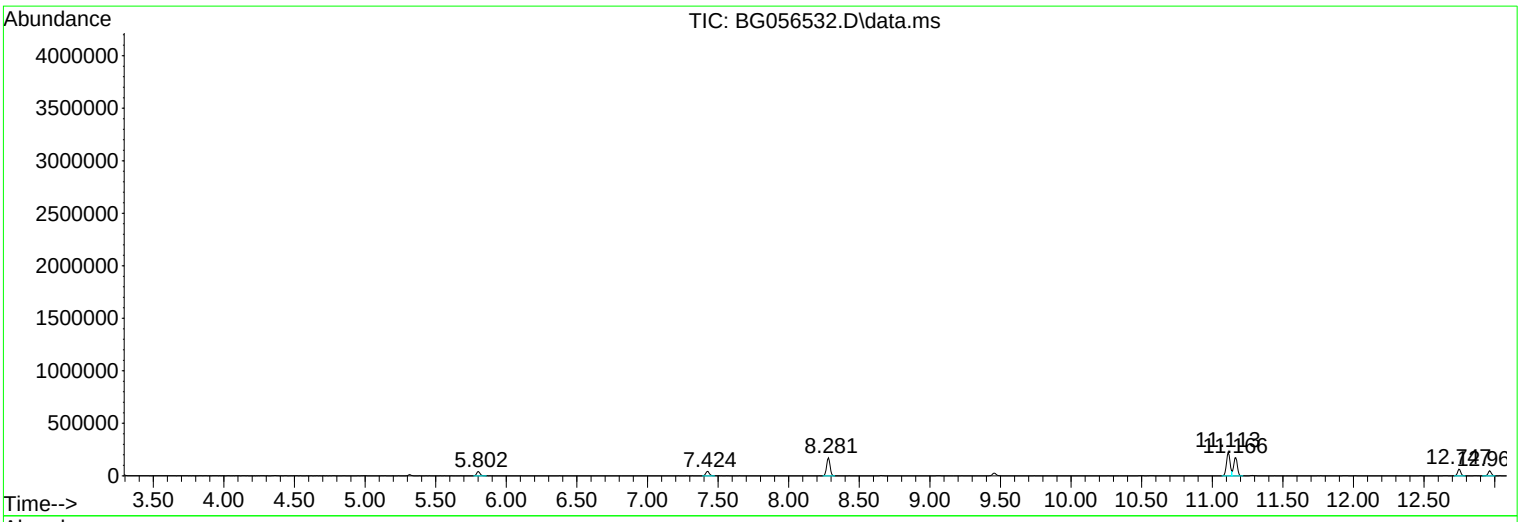
Sum of corrected areas: 56848511

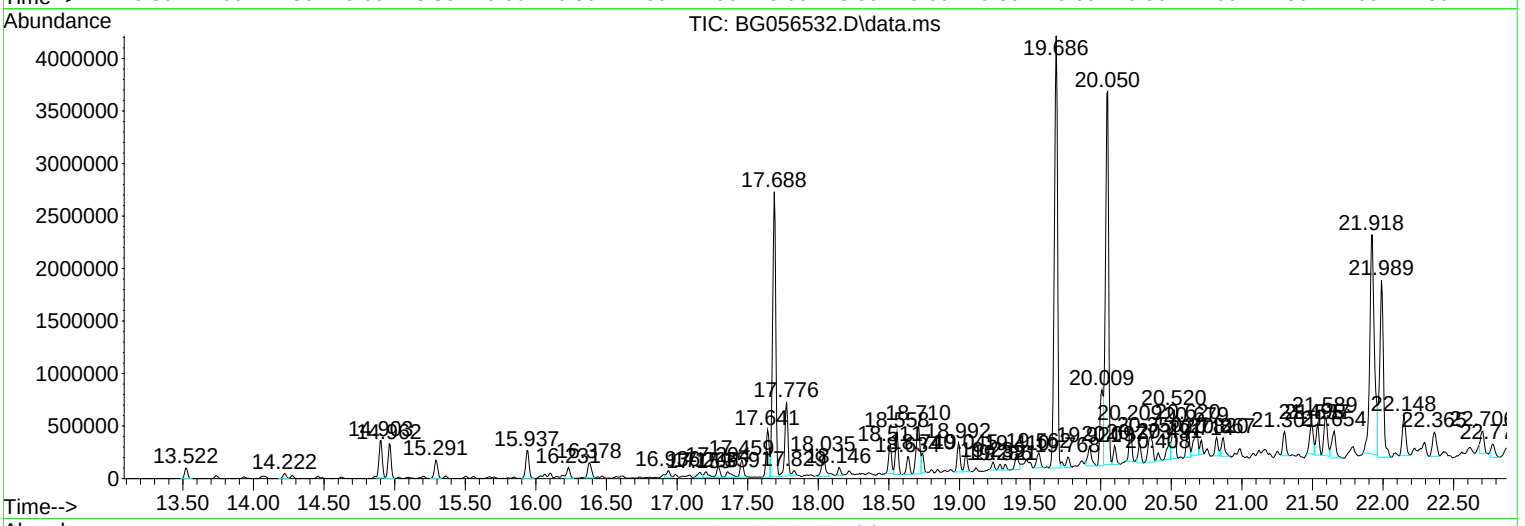
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056532.D
Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

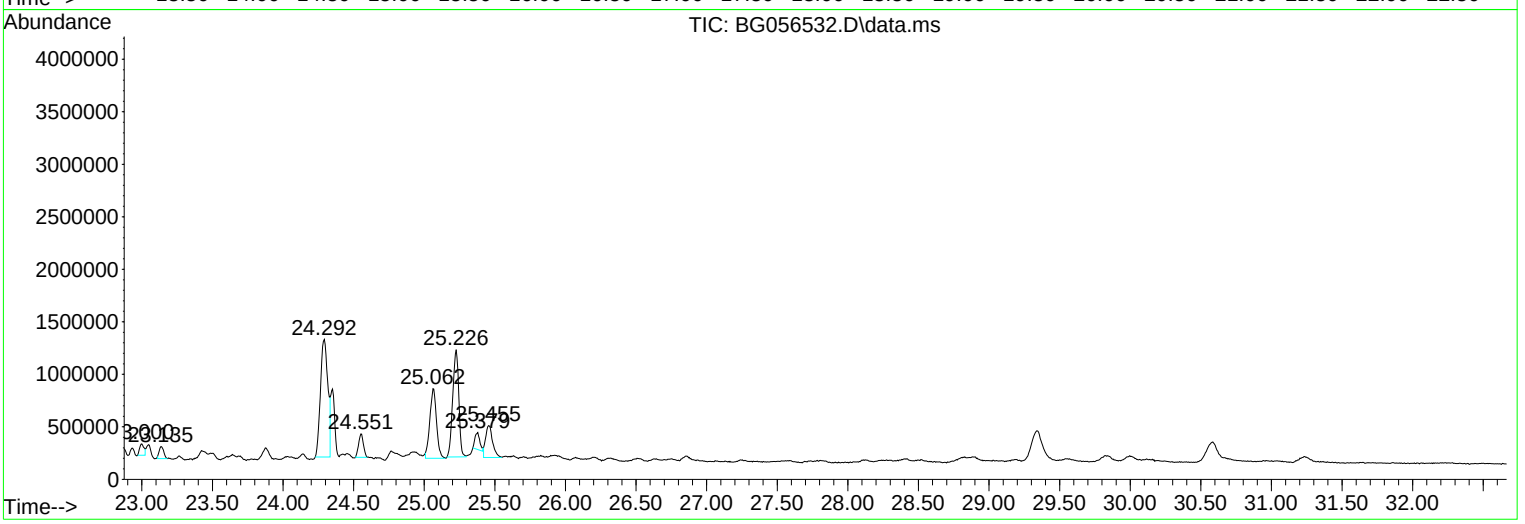
Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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_G\Data\BG020223\
Data File : BG056532.D
Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

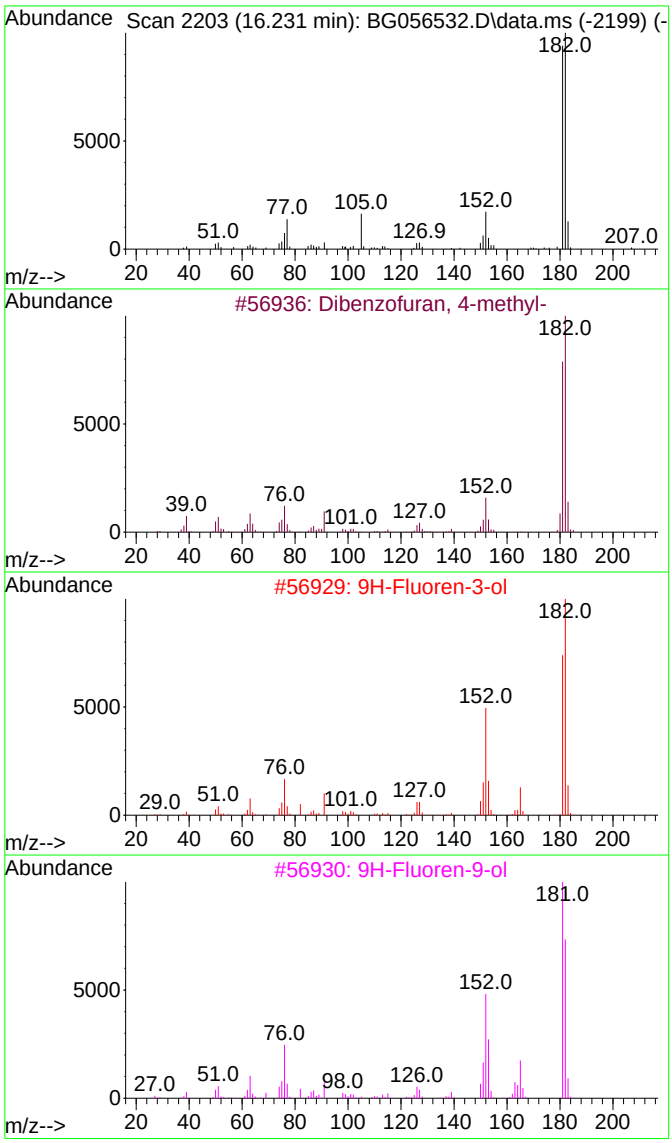
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

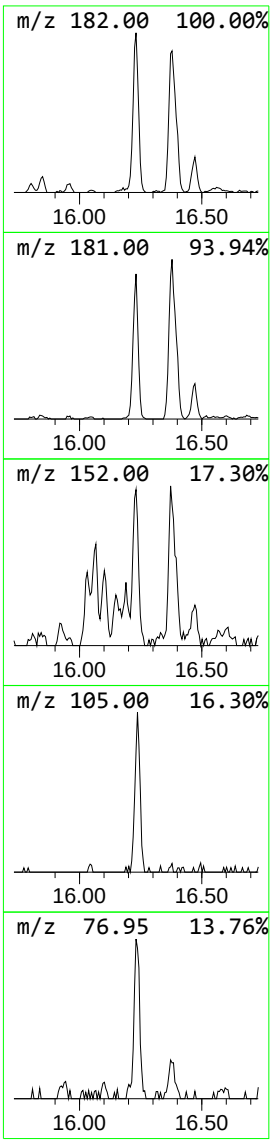
****

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.231	5.69 ng	160625	Acenaphthene-d10	14.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056532.D
Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

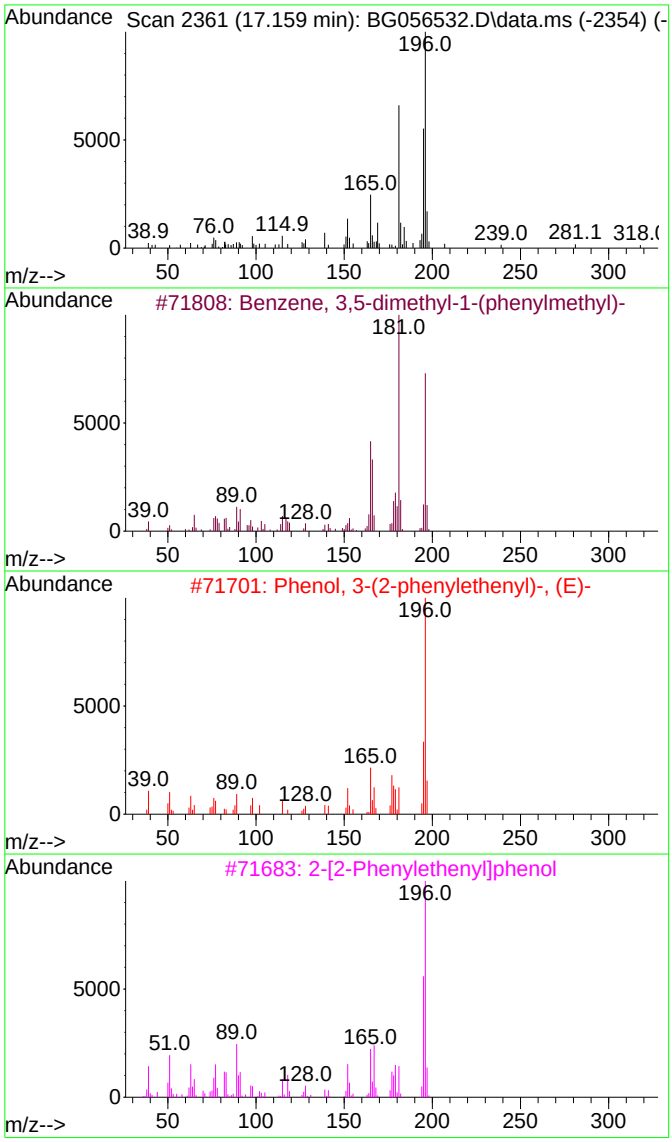
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

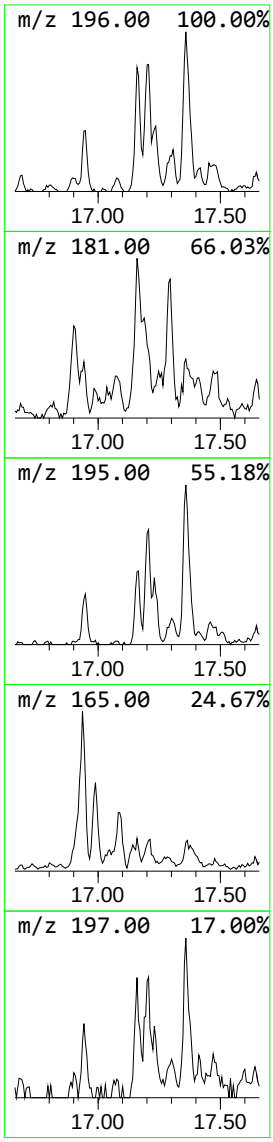
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 3,5-dimethyl-1-(ph... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.159	3.09 ng	110654	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	64
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	58
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056532.D
Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

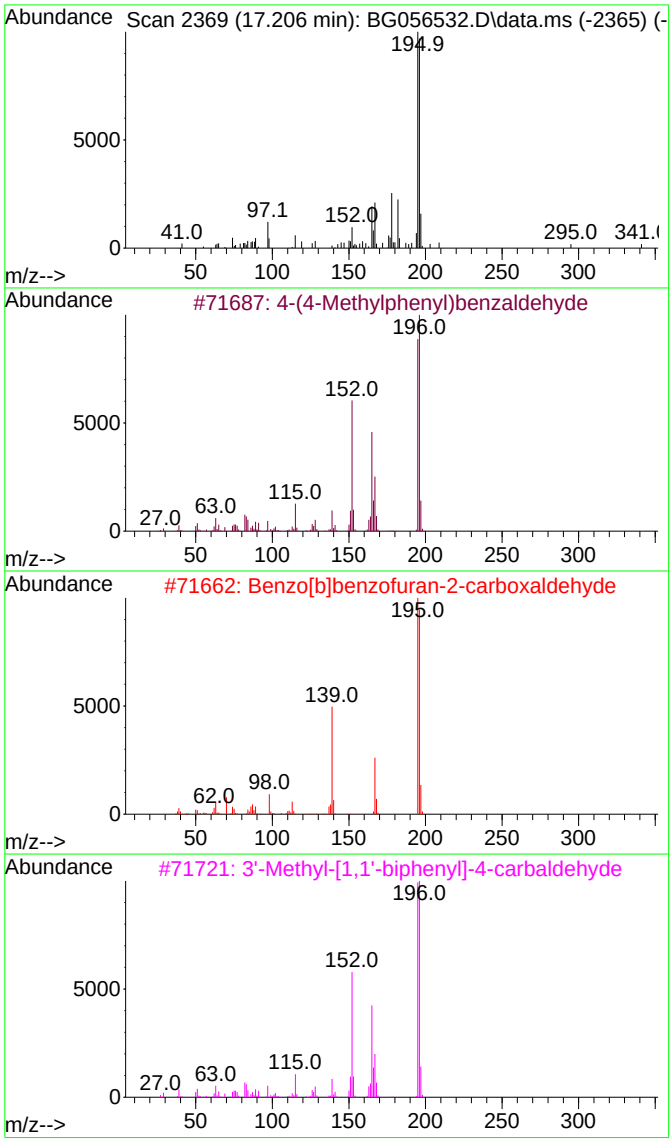
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

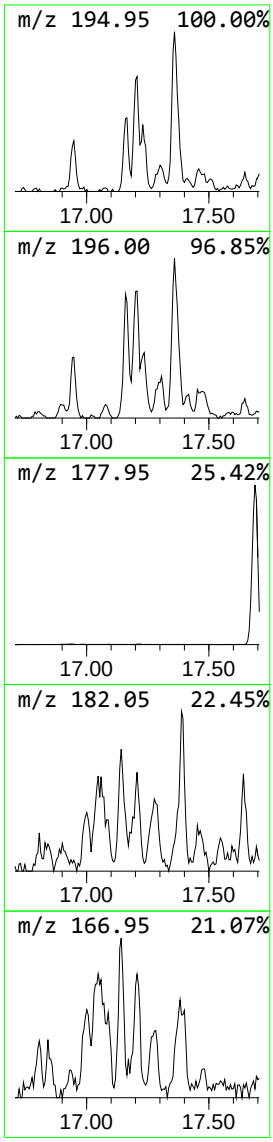
****

Peak Number 3 4-(4-Methylphenyl)benzaldehyde Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.206	3.24 ng	115977	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	59
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	58
3	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	58
4	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	53
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056532.D
Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

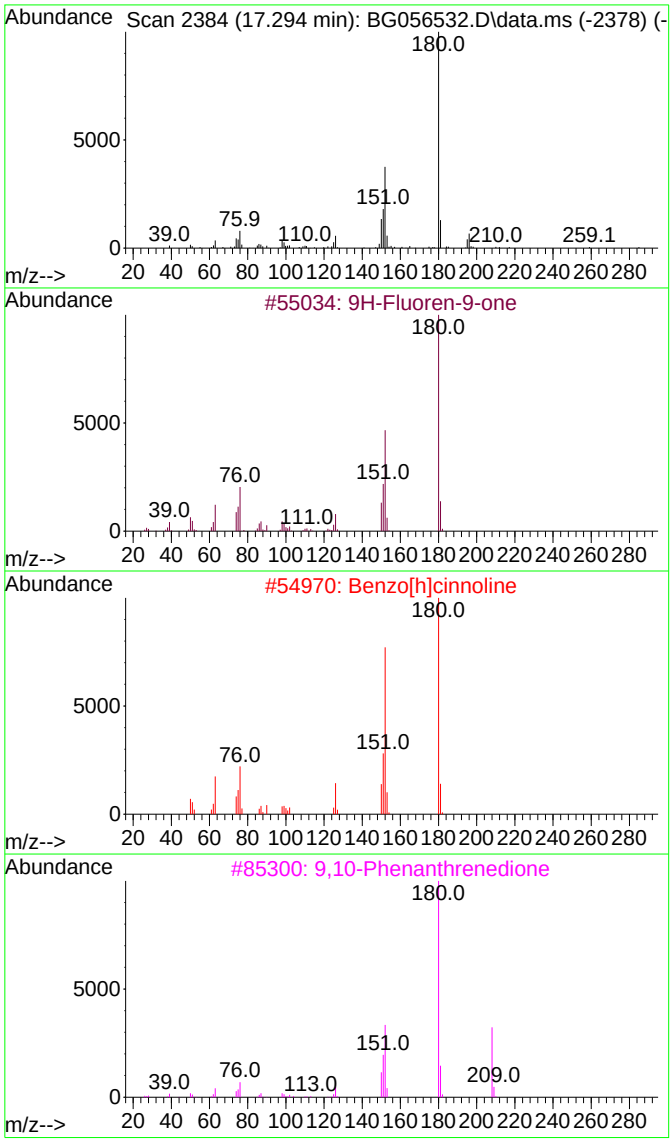
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

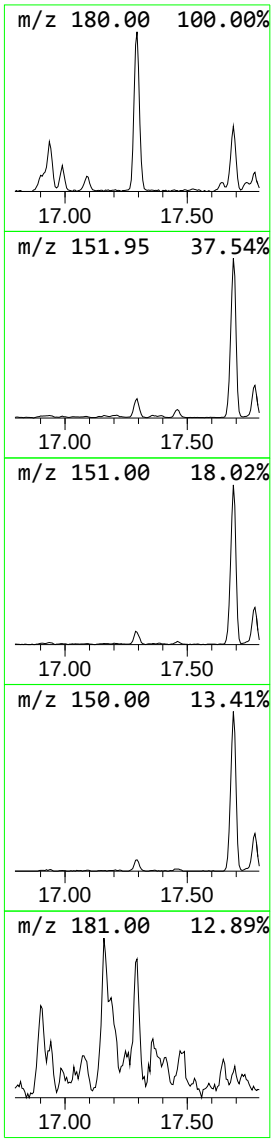
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.294	4.86 ng	173875	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4	Diphenic anhydride	224	C14H8O3	006050-13-1	78
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056532.D
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Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

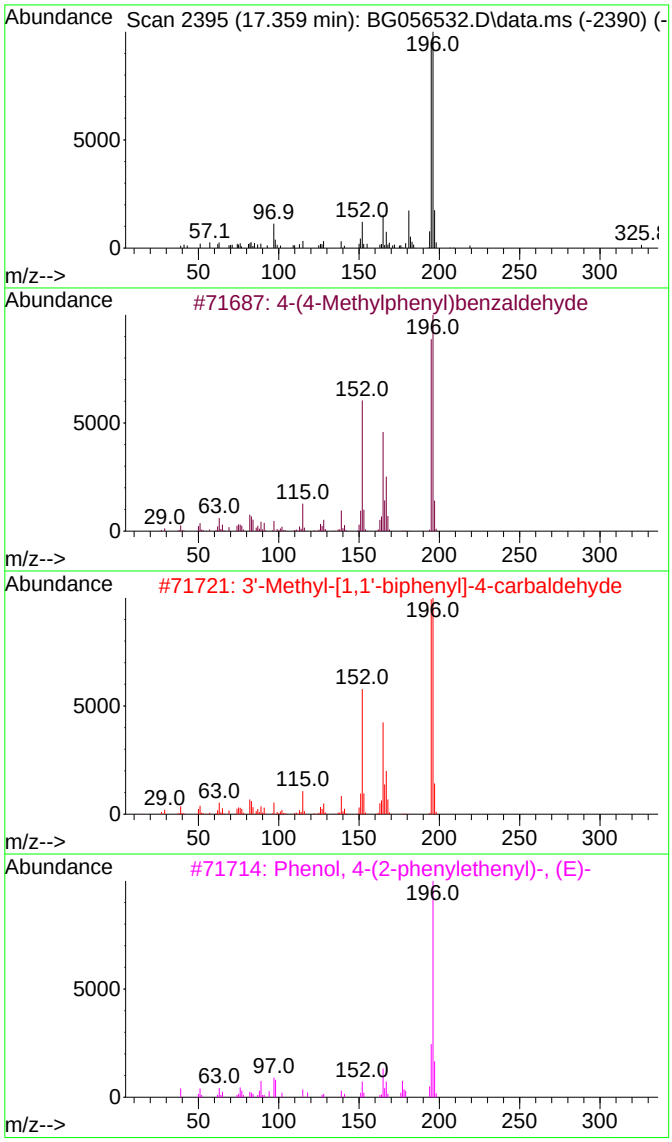
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

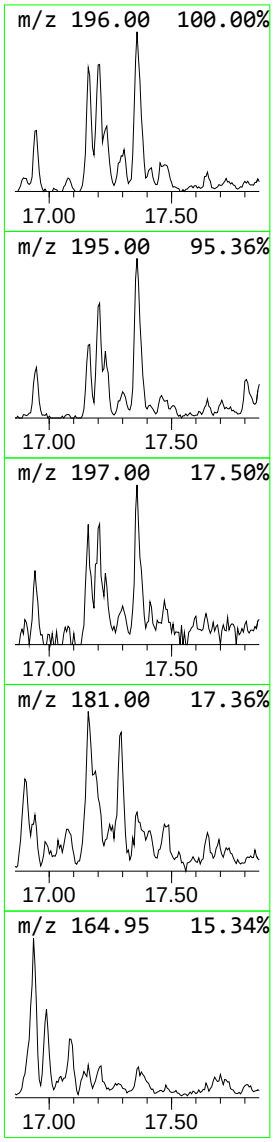
****

Peak Number 5 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.359	3.96 ng	141762	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	90
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	83
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	64
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	52
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056532.D
Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

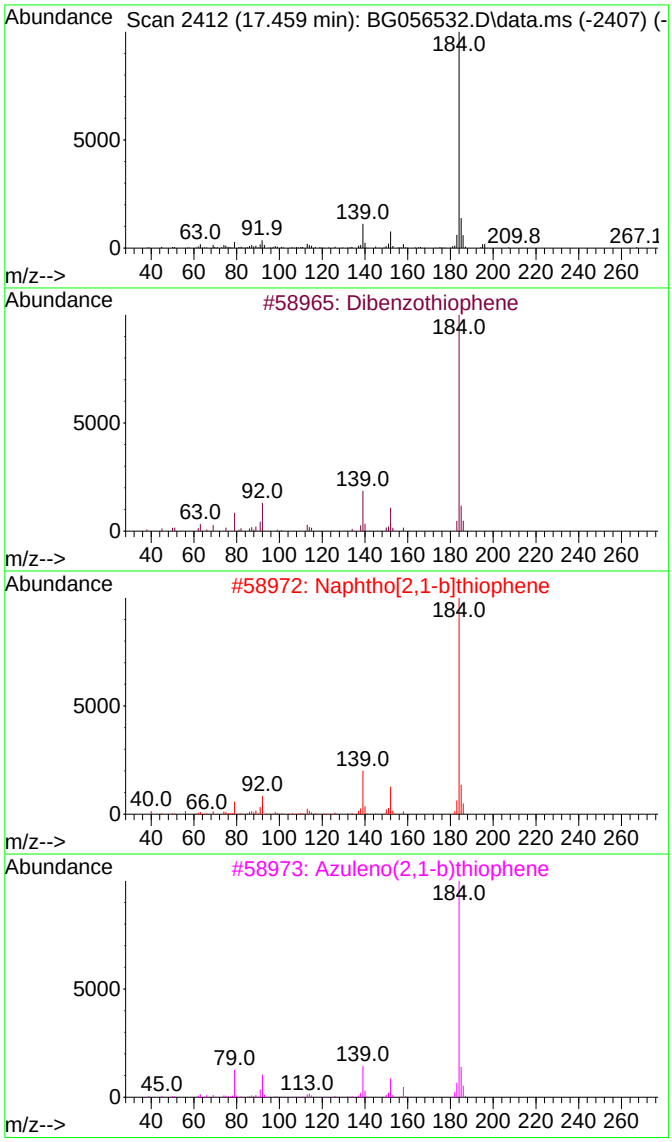
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

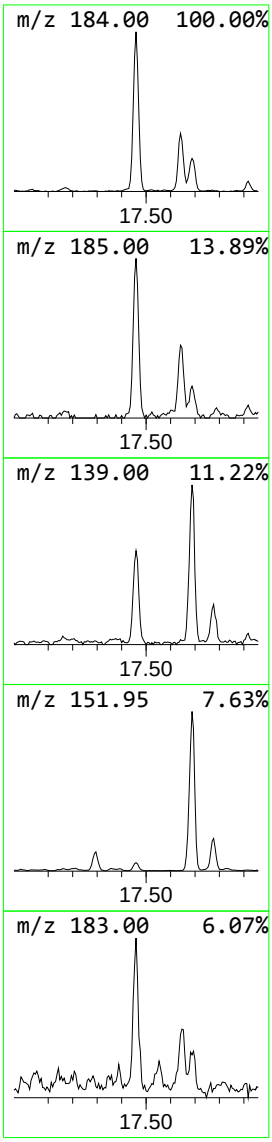
****

Peak Number 6 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.459	7.11 ng	254485	Phenanthrene-d10	17.641

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	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





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Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-6-013123

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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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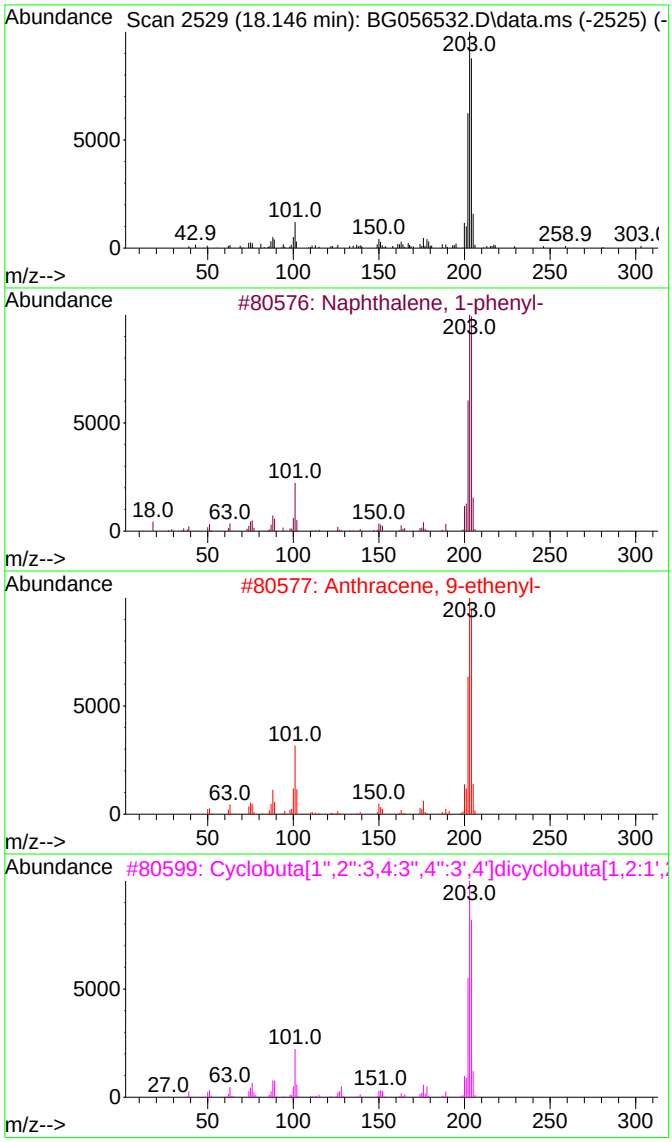
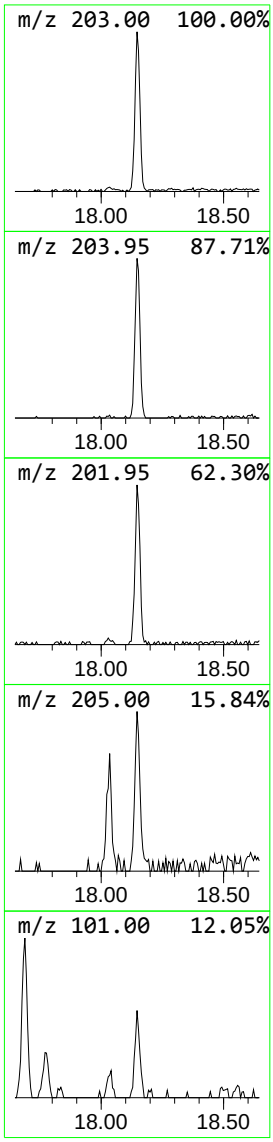
Peak Number 7 Naphthalene, 1-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.146	3.17 ng	113586	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
3	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	68
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	60
5	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	60





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Acq On : 3 Feb 2023 3:03
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Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-6-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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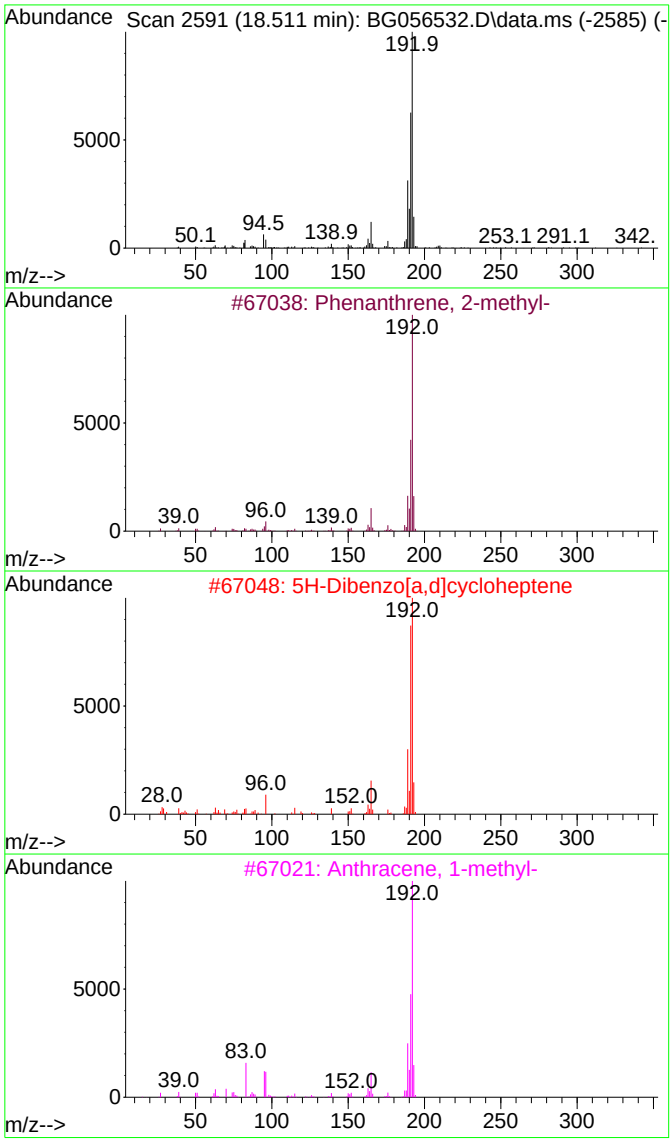
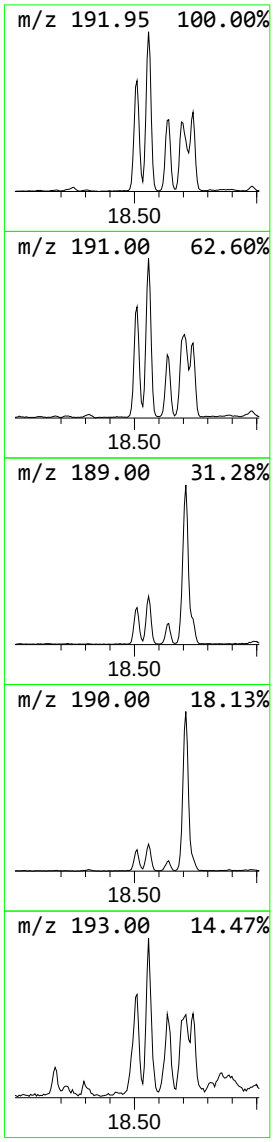
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.511	11.14 ng	398535	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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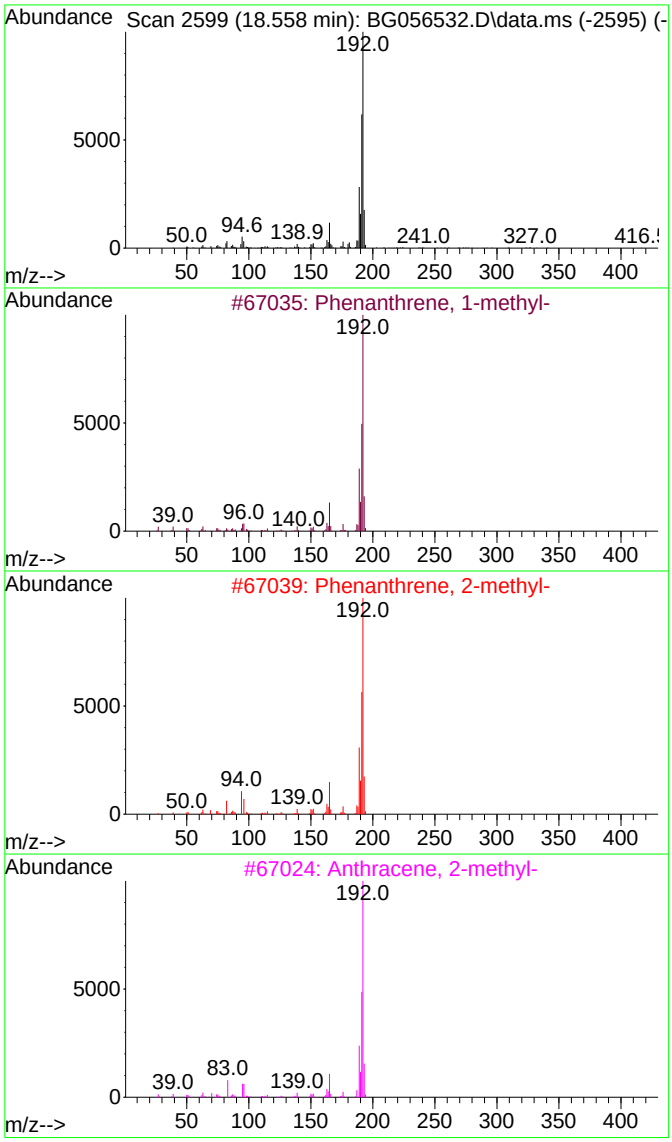
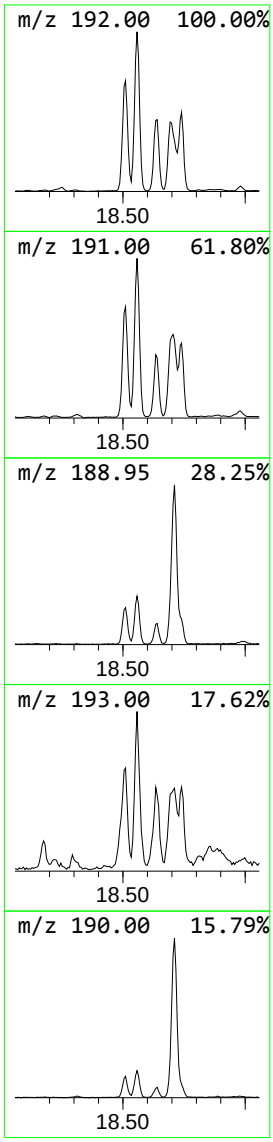
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.558	15.95 ng	570791	Phenanthrene-d10	17.641

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	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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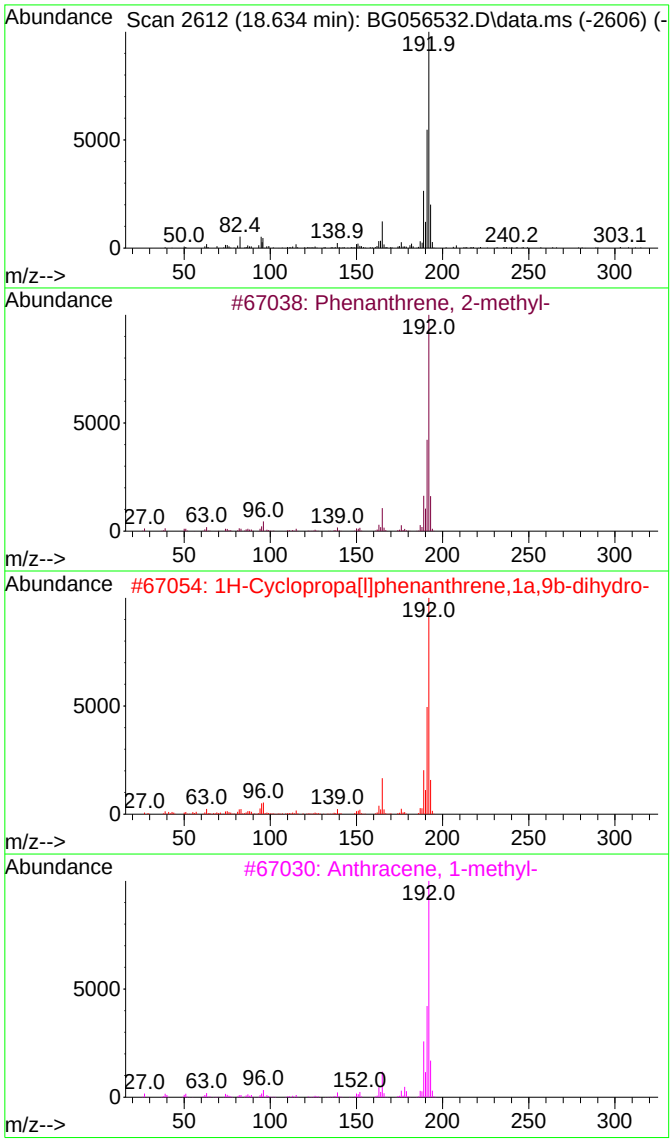
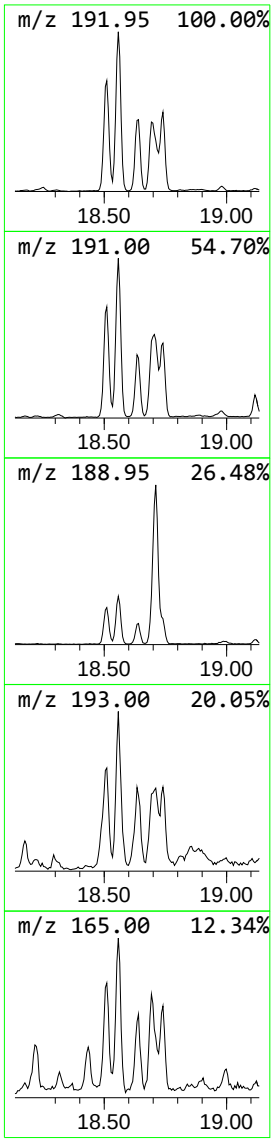
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	7.38 ng	263882	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	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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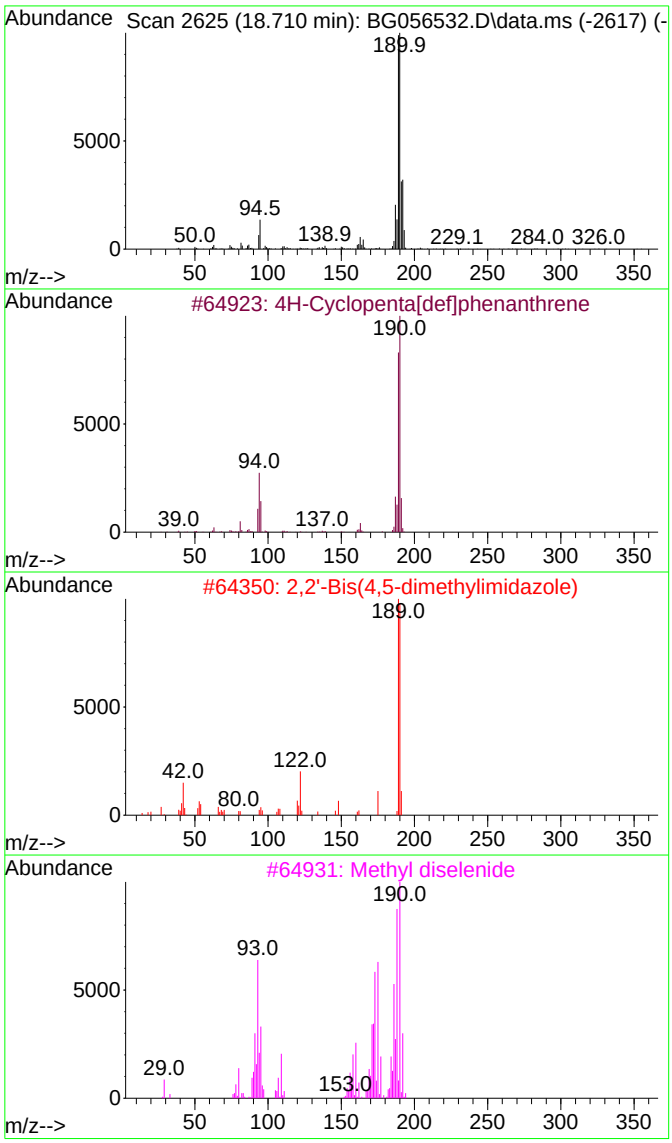
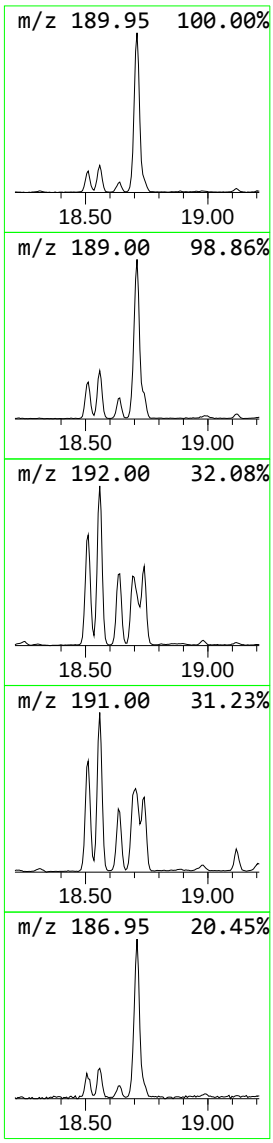
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.710	25.00 ng	894422	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	35
5	3-Chloroquinoxaline-2-carbonitrile	189	C9H4ClN3	040254-89-5	25





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Acq On : 3 Feb 2023 3:03
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Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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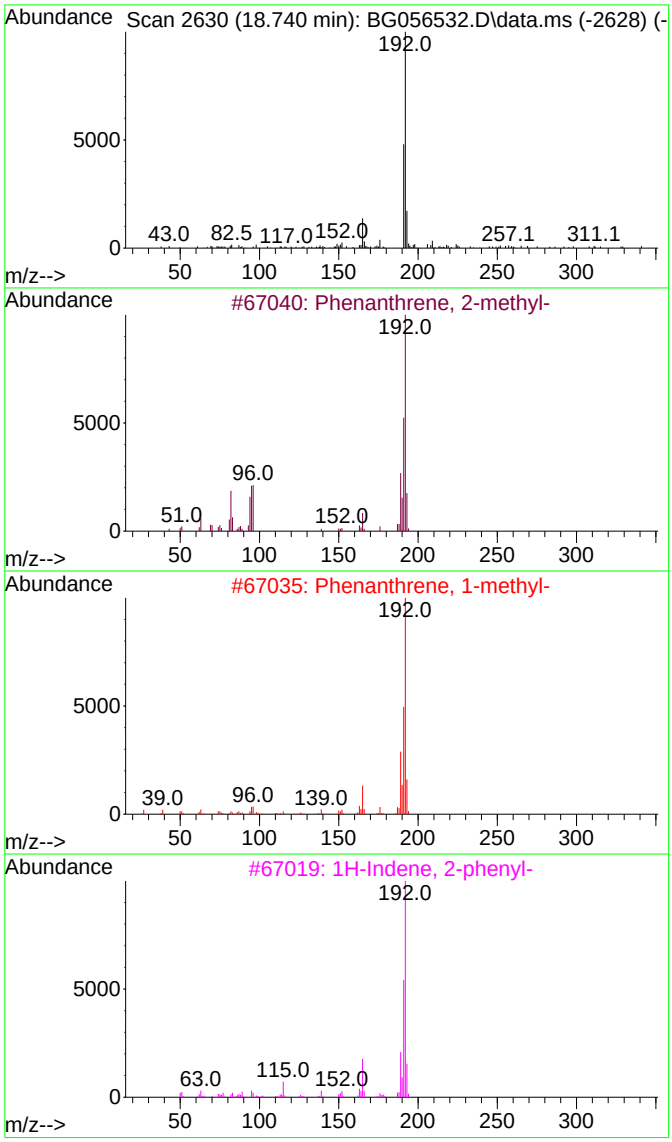
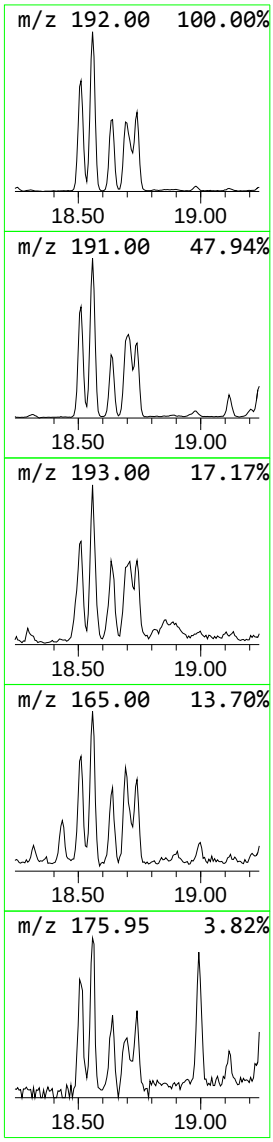
Peak Number 12 1H-Indene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.740	5.60 ng	200425	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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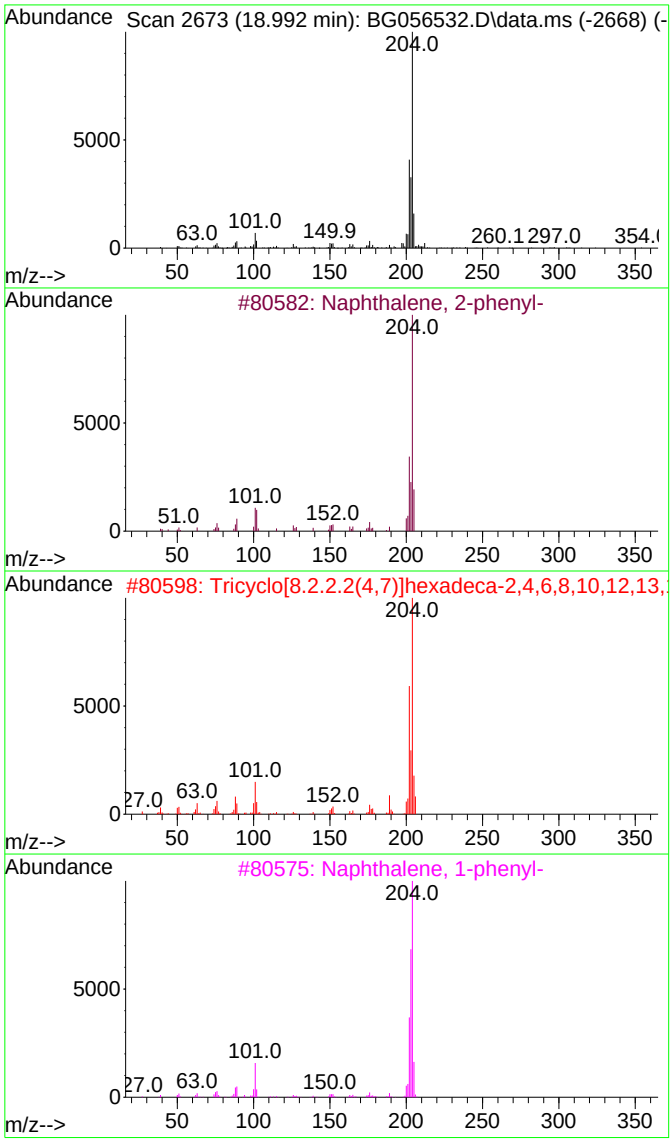
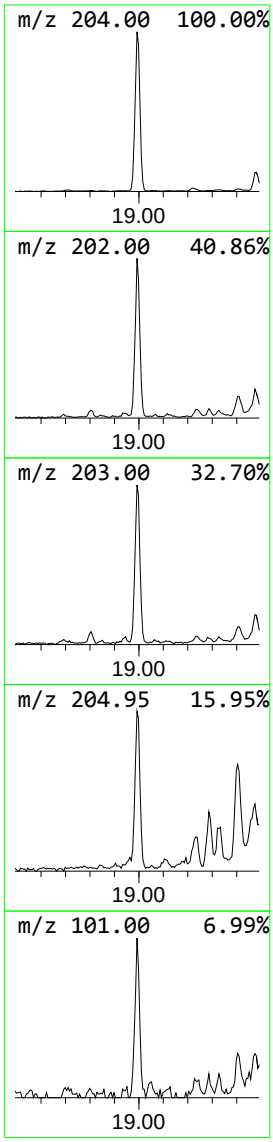
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	11.15 ng	399083	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	47





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Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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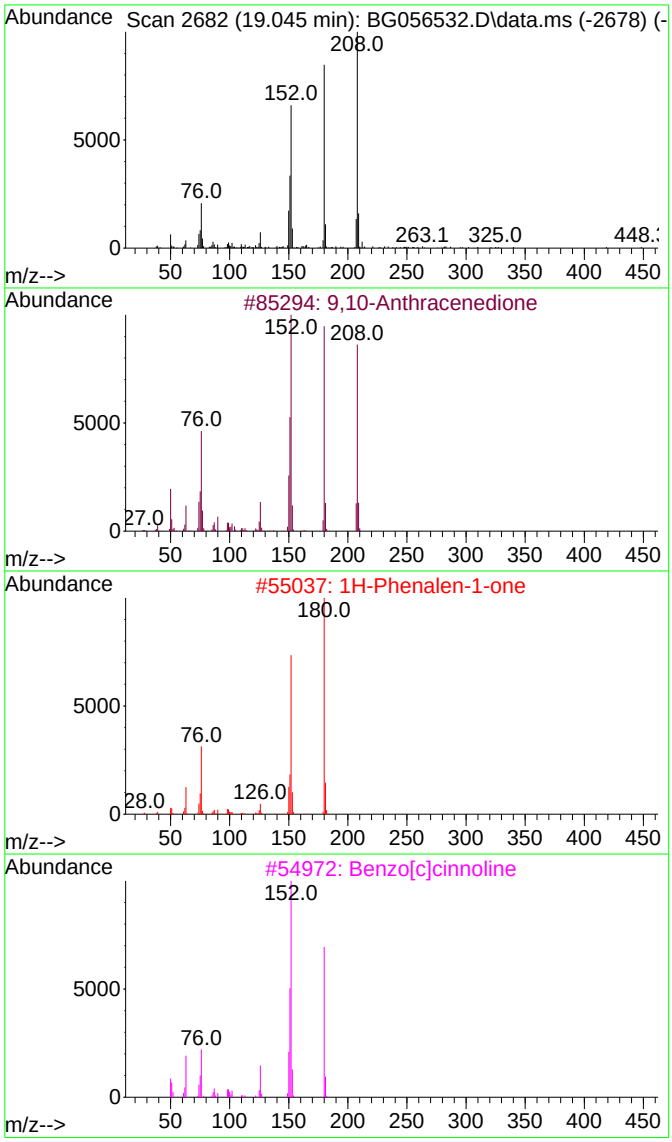
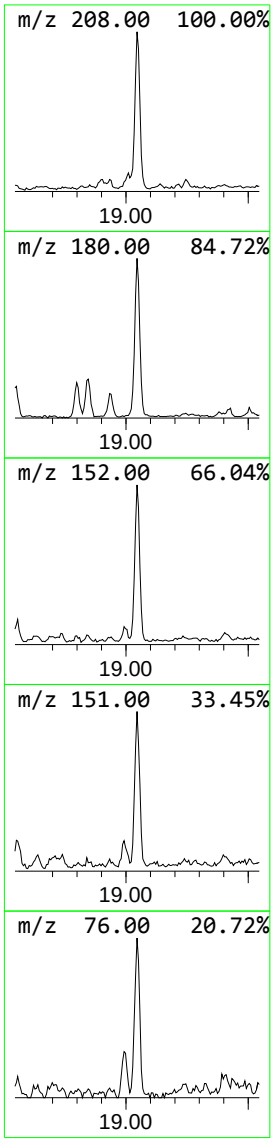
Peak Number 14 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.045	6.85 ng	244913	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	47





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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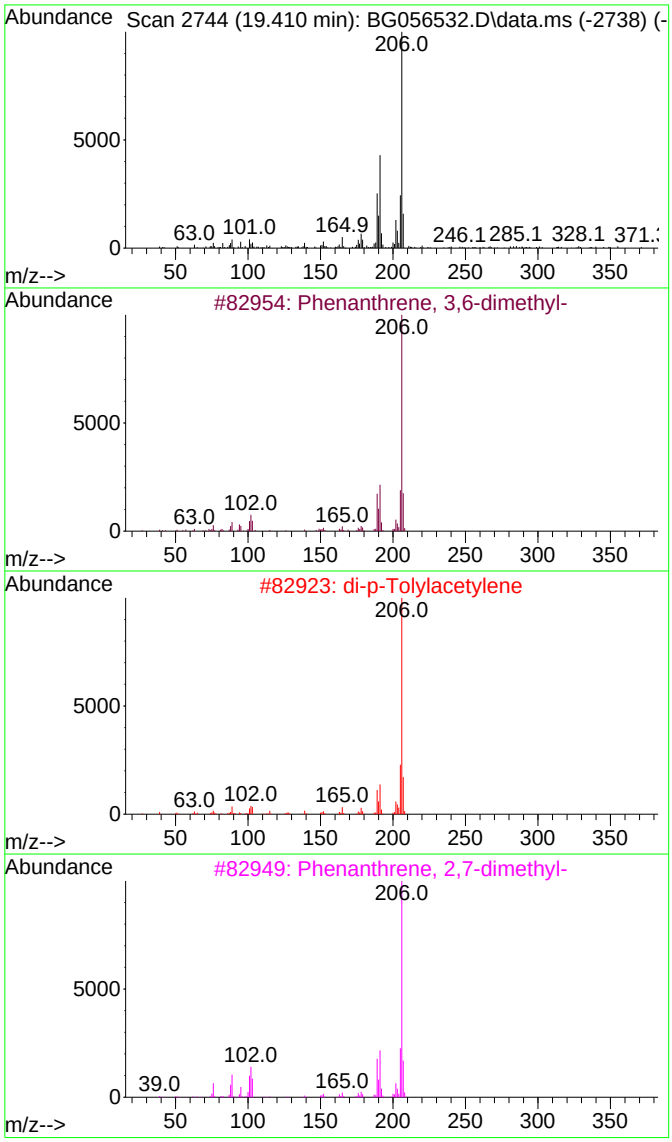
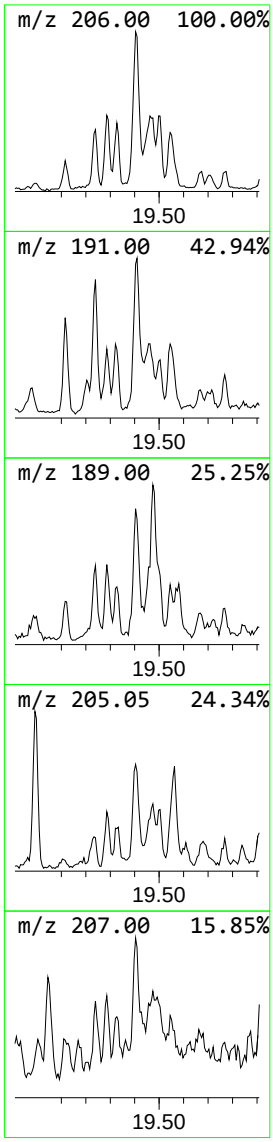
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	6.82 ng	244103	Phenanthrene-d10	17.641

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	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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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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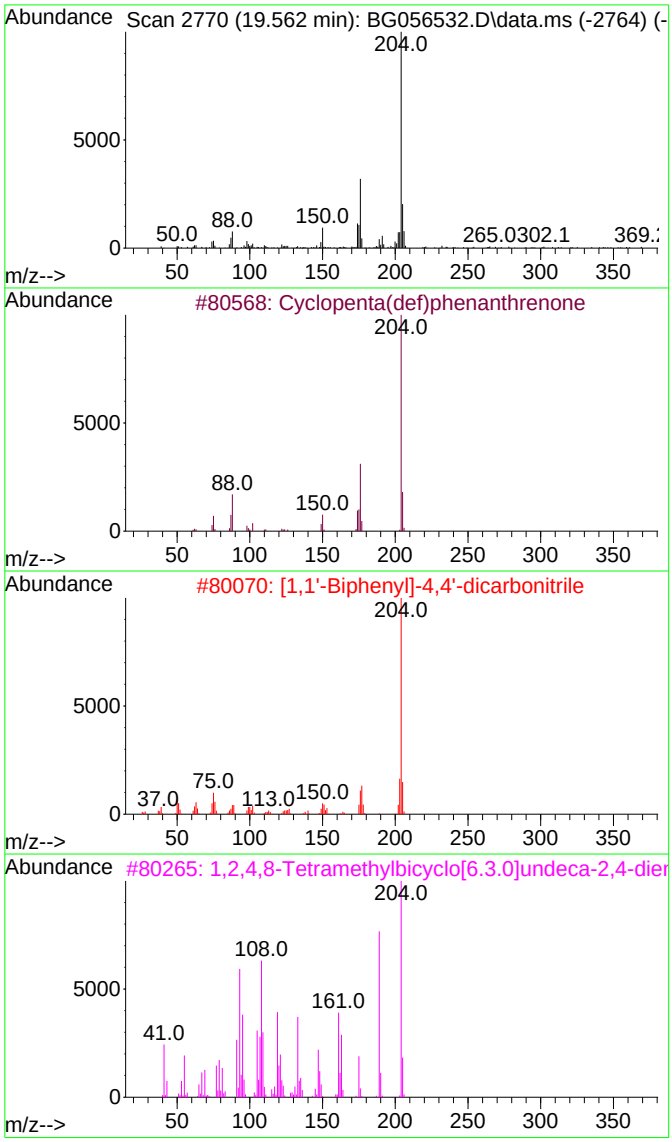
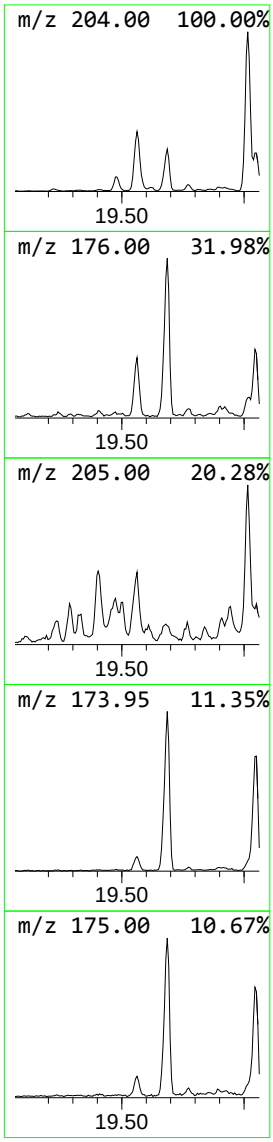
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.562	7.31 ng	261427	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	58
4	Ethyl 3-amino-4,6-dimethylthieno...	250	C12H14N2O2S	052505-56-3	56
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	50





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ALS Vial : 17 Sample Multiplier: 1

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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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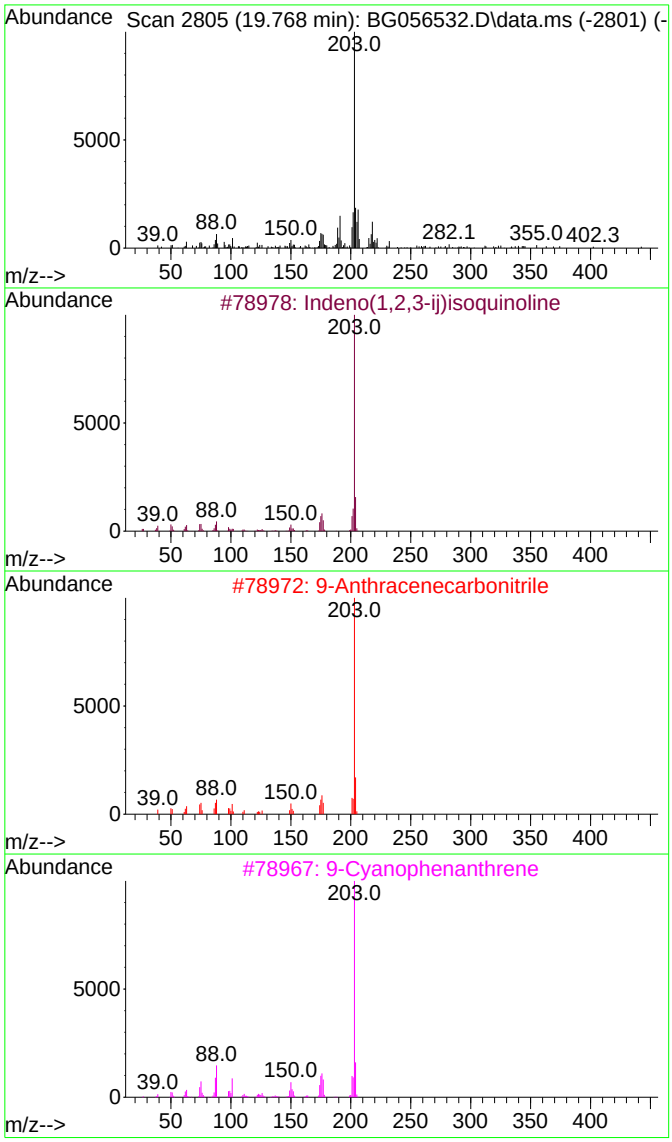
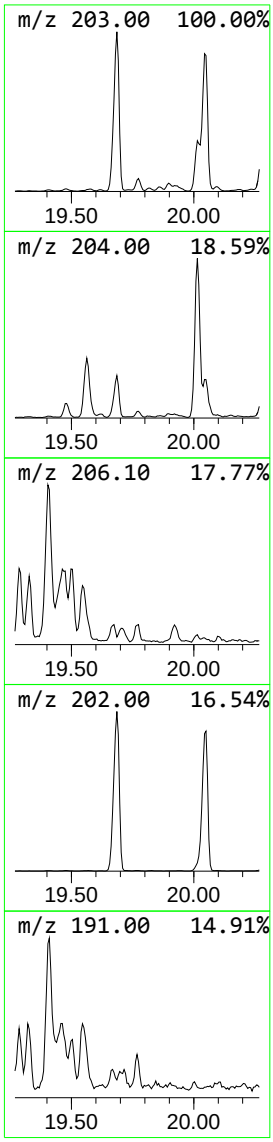
Peak Number 17 Indeno(1,2,3-ij)isoquinoline Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.768	4.25 ng	151919	Phenanthrene-d10	17.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	96
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	91
3	9-Cyanophenanthrene	203	C15H9N	002510-55-6	86
4	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	86
5	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056532.D
Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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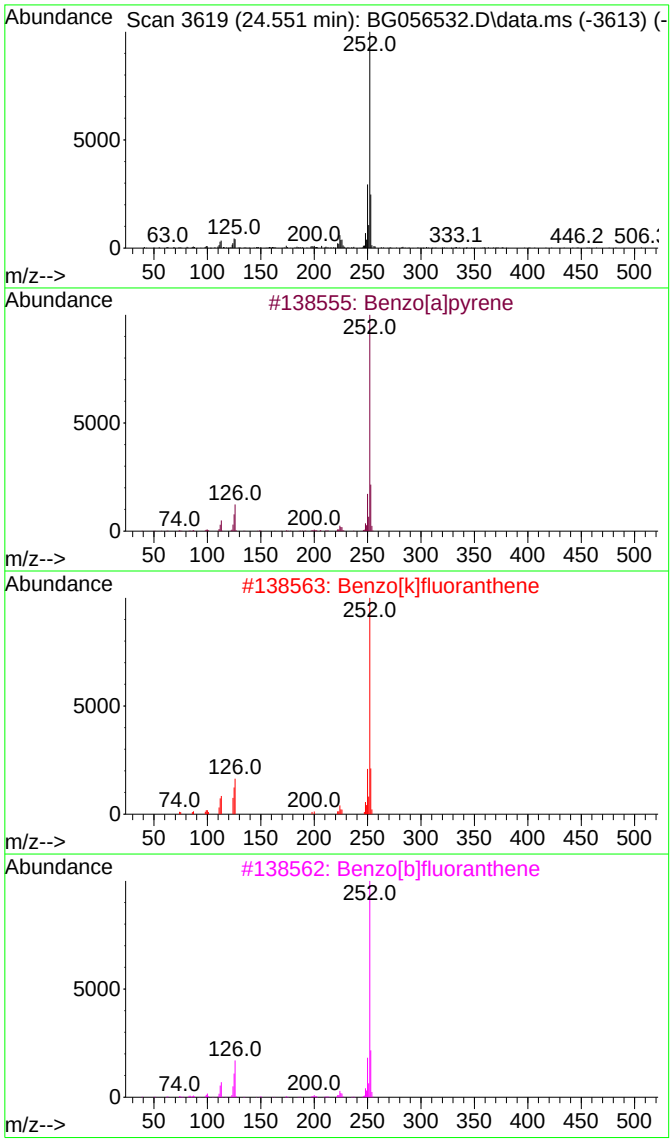
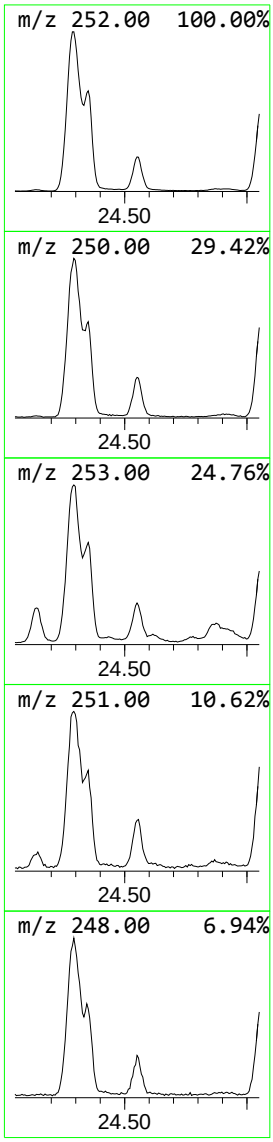
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.551	27.54 ng	520243	Perylene-d12	25.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	74
4	Benzo[e]pyrene	252	C20H12	000192-97-2	72
5	Perylene	252	C20H12	000198-55-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056532.D
Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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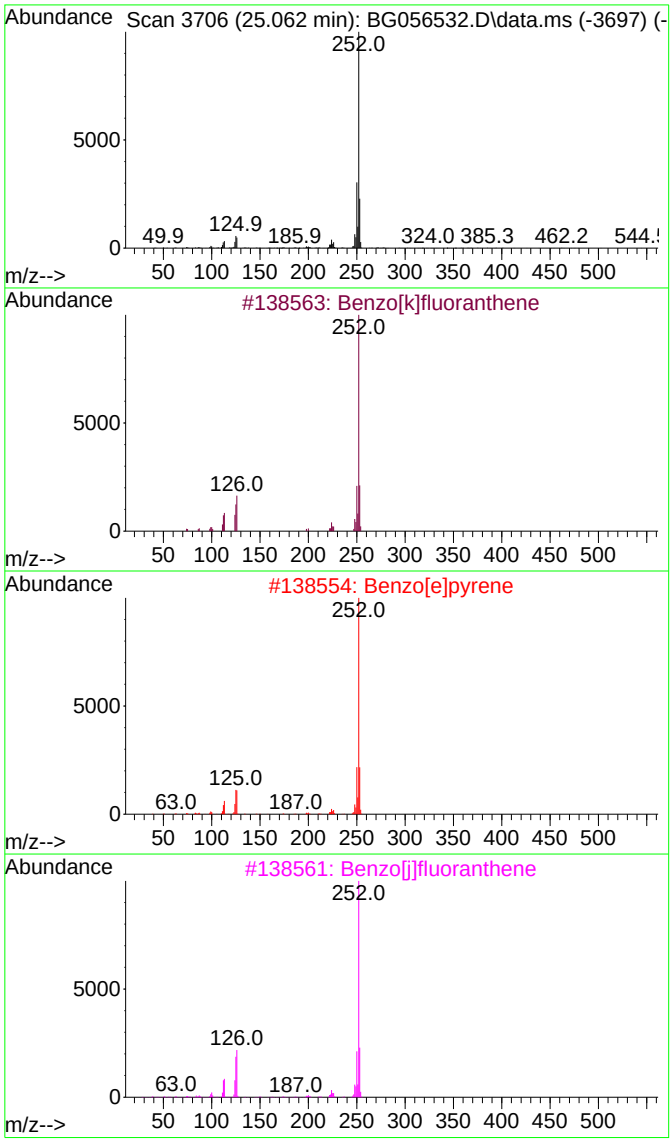
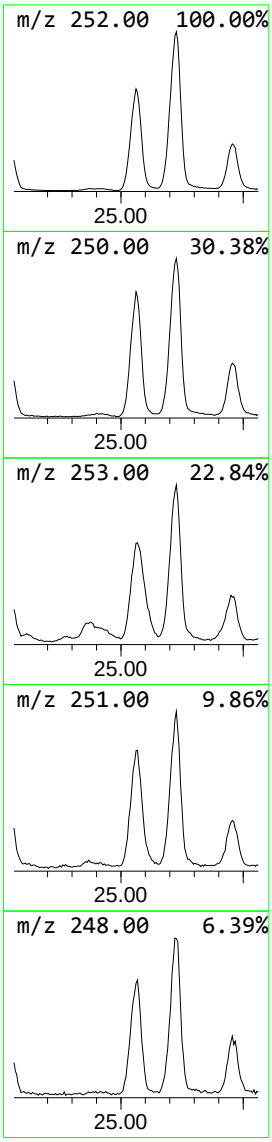
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.062	114.73 ng	2167320	Perylene-d12	25.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056532.D
Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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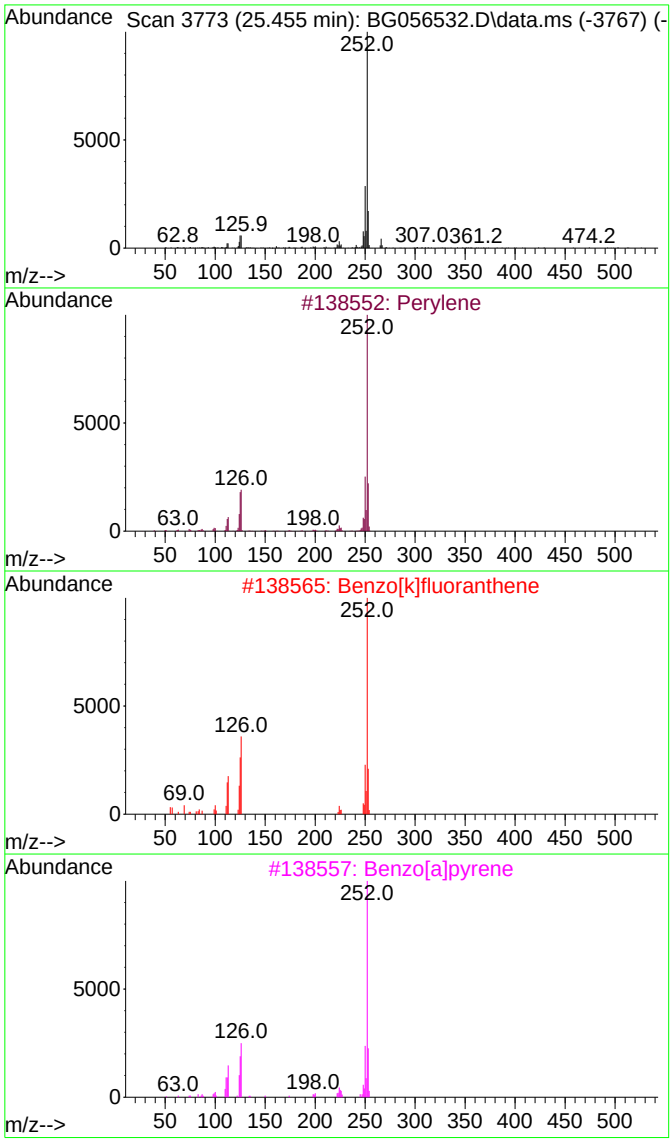
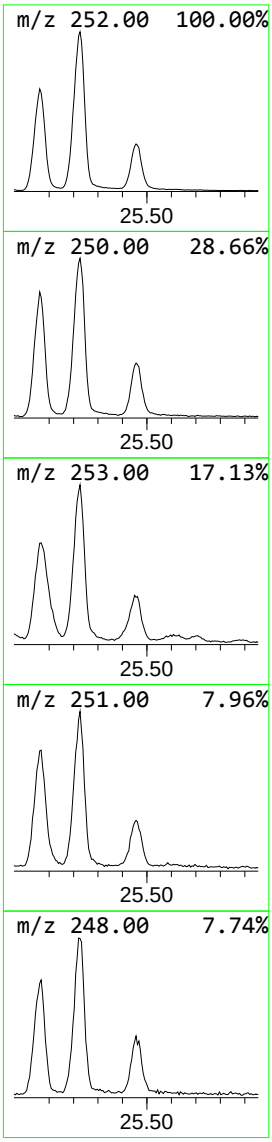
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.456	54.32 ng	1026140	Perylene-d12	25.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	89
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Benzo[e]pyrene	252	C20H12	000192-97-2	70
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056532.D
Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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
Dibenzofuran, 4...	16.231	5.7	ng	160625	3	14.903	564619	20.0
Benzene, 3,5-di...	17.159	3.1	ng	110654	4	17.641	715528	20.0
4-(4-Methylphen...	17.206	3.2	ng	115977	4	17.641	715528	20.0
9H-Fluoren-9-one	17.294	4.9	ng	173875	4	17.641	715528	20.0
3'-Methyl-[1,1'...	17.359	4.0	ng	141762	4	17.641	715528	20.0
Dibenzothiophene	17.459	7.1	ng	254485	4	17.641	715528	20.0
Naphthalene, 1-...	18.146	3.2	ng	113586	4	17.641	715528	20.0
Phenanthrene, 2...	18.511	11.1	ng	398535	4	17.641	715528	20.0
Phenanthrene, 1...	18.558	15.9	ng	570791	4	17.641	715528	20.0
1H-Cyclopropa[l...	18.634	7.4	ng	263882	4	17.641	715528	20.0
4H-Cyclopenta[d...	18.710	25.0	ng	894422	4	17.641	715528	20.0
1H-Indene, 2-ph...	18.740	5.6	ng	200425	4	17.641	715528	20.0
Naphthalene, 2-...	18.992	11.2	ng	399083	4	17.641	715528	20.0
9,10-Anthracene...	19.045	6.8	ng	244913	4	17.641	715528	20.0
Phenanthrene, 3...	19.410	6.8	ng	244103	4	17.641	715528	20.0
Cyclopenta(def)...	19.562	7.3	ng	261427	4	17.641	715528	20.0
Indeno(1,2,3-ij...	19.768	4.3	ng	151919	4	17.641	715528	20.0
Benzo[e]pyrene	24.551	27.5	ng	520243	6	25.379	377814	20.0
Benzo[j]fluoran...	25.062	114.7	ng	2167320	6	25.379	377814	20.0
Perylene	25.456	54.3	ng	1026140	6	25.379	377814	20.0