LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060359.D
Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

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-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060359.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.502	404	411	429	rBV	2747181	4499769	21.08%	1.942%
2	7.095	672	682	700	rBV	2884495	5151578	24.14%	2.223%
3	7.929	815	824	831	rBV	875468	1537170	7.20%	0.663%
4	9.086	1014	1021	1032	rBV	1922949	3511321	16.45%	1.515%
5	10.732	1292	1301	1307	rBV	1273294	2273952	10.66%	0.981%
6	13.188	1711	1719	1733	rBV	5743283	9070812	42.50%	3.914%
7	14.562	1943	1953	1959	rBV	2247961	3562156	16.69%	1.537%
8	14.627	1959	1964	1971	rVB	420359	673063	3.15%	0.290%
9	14.962	2014	2021	2027	rBV	238197	397240	1.86%	0.171%
10	15.608	2124	2131	2142	rBV2	440069	759799	3.56%	0.328%
11	15.902	2177	2181	2190	rVB	194061	368103	1.72%	0.159%
12	16.055	2200	2207	2215	rBV	4471607	6995277	32.78%	3.018%
13	16.284	2240	2246	2253	rVB5	121551	238954	1.12%	0.103%
14	16.619	2292	2303	2307	rBV3	190897	509280	2.39%	0.220%
15	16.842	2333	2341	2344	rBV3	159216	353129	1.65%	0.152%
16	16.965	2356	2362	2368	rVV	368895	622902	2.92%	0.269%
17	17.059	2370	2378	2385	rVV4	211974	604082	2.83%	0.261%
18	17.130	2385	2390	2398	rVB	406063	669631	3.14%	0.289%
19	17.312	2415	2421	2424	rBV	2896290	4285906	20.08%	1.849%
20	17.359	2424	2429	2435	rVV	7241569	11633378	54.51%	5.020%
21	17.447	2435	2444	2449	rVV	1463288	2523715	11.83%	1.089%
22	17.500	2449	2453	2458	rVB2	152863	290355	1.36%	0.125%
23	17.718	2482	2490	2500	rBV2	484714	1068053	5.00%	0.461%
24	17.829	2506	2509	2514	rBV	237413	312995	1.47%	0.135%
25	17.894	2515	2520	2526	rVB	299875	440827	2.07%	0.190%
26	18.035	2540	2544	2552	rVB	154444	277377	1.30%	0.120%
27	18.188	2565	2570	2574	rVV	1690094	2760822	12.94%	1.191%
28	18.235	2574	2578	2586	rVV	2076315	3145379	14.74%	1.357%
29	18.317	2587	2592	2597	rVV	622795	917262	4.30%	0.396%
30	18.381	2597	2603	2607	rVV3	2067434	4048795	18.97%	1.747%
31	18.417	2607	2609	2617	rVB	1194441	1625118	7.61%	0.701%
32	18.493	2618	2622	2626	rBV4	170780	251364	1.18%	0.108%
33	18.687	2650	2655	2659	rVV	1136891	1634439	7.66%	0.705%
34	18.728	2659	2662	2669	rVV2	783219	1173692	5.50%	0.506%
35	18.810	2672	2676	2681	rBV2	223068	316682	1.48%	0.137%
36	18.934	2693	2697	2701	rVV	446740	567777	2.66%	0.245%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
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Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

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-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.981	2702	2705	2709	rVV	377883	501421	2.35%	0.216%
38	19.022	2709	2712	2716	rVB	363442	458634	2.15%	0.198%
39	19.104	2721	2726	2731	rBV	1104663	1961637	9.19%	0.846%
40	19.169	2731	2737	2740	rBV3	365637	714878	3.35%	0.308%
41	19.245	2745	2750	2758	rBV	1021575	1837721	8.61%	0.793%
42	19.374	2766	2772	2778	rBV	11623778	17756534	83.20%	7.662%
43	19.433	2778	2782	2784	rVV	267003	360409	1.69%	0.156%
44	19.468	2784	2788	2792	rVB2	432861	608489	2.85%	0.263%
45	19.562	2800	2804	2808	rBV3	289850	444375	2.08%	0.192%
46	19.609	2808	2812	2817	rBV	429331	666104	3.12%	0.287%
47	19.739	2823	2834	2840	rBV2	11249524	21341146	100.00%	9.208%
48	19.803	2840	2845	2851	rVB2	732494	1245730	5.84%	0.538%
49	19.933	2859	2867	2871	rBV	8962305	12687120	59.45%	5.474%
50	19.968	2871	2873	2880	rVB	721589	1017817	4.77%	0.439%
51	20.056	2882	2888	2889	rBV2	1082032	1763021	8.26%	0.761%
52	20.191	2906	2911	2913	rBV5	842044	1473886	6.91%	0.636%
53	20.226	2913	2917	2922	rVB	1492248	2277179	10.67%	0.983%
54	20.326	2930	2934	2937	rBV	661143	848731	3.98%	0.366%
55	20.385	2938	2944	2947	rVV2	1538166	2415366	11.32%	1.042%
56	20.420	2947	2950	2953	rVB3	495457	571558	2.68%	0.247%
57	20.520	2963	2967	2971	rBV	1017804	1464321	6.86%	0.632%
58	20.567	2971	2975	2979	rVB	1013804	1363943	6.39%	0.589%
59	20.978	3041	3045	3052	rVB	1740114	2504651	11.74%	1.081%
60	21.161	3069	3076	3080	rBV2	1076016	2517444	11.80%	1.086%
61	21.208	3080	3084	3088	rVV	1342643	2484443	11.64%	1.072%
62	21.255	3088	3092	3097	rVV2	1209687	2395715	11.23%	1.034%
63	21.307	3097	3101	3114	rVB	1582622	2955981	13.85%	1.275%
64	21.560	3138	3144	3151	rBV3	6501084	15923639	74.61%	6.871%
65	21.625	3151	3155	3167	rVB	5652452	10219590	47.89%	4.410%
66	21.772	3176	3180	3187	rVB	737642	1201344	5.63%	0.518%
67	21.977	3210	3215	3221	rBV3	530704	1148961	5.38%	0.496%
68	22.218	3253	3256	3261	rBV2	244670	415433	1.95%	0.179%
69	22.294	3265	3269	3275	rVV	1114314	2120570	9.94%	0.915%
70	22.365	3277	3281	3289	rVB	680976	1347658	6.31%	0.582%
71	22.565	3311	3315	3319	rBV3	405695	702653	3.29%	0.303%
72	22.706	3333	3339	3346	rVB2	336831	761341	3.57%	0.329%
73	23.746	3507	3516	3523	rBV2	3564860	12193416	57.14%	5.261%
74	23.992	3552	3558	3565	rVB2	605104	1398006	6.55%	0.603%
75	24.451	3629	3636	3649	rVB	2097383	6206971	29.08%	2.678%
76	24.598	3653	3661	3675	rVB	2926313	8547879	40.05%	3.688%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060359.D
Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

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-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.745	3679	3686	3693	rBV2	1381811	3857191	18.07%	1.664%

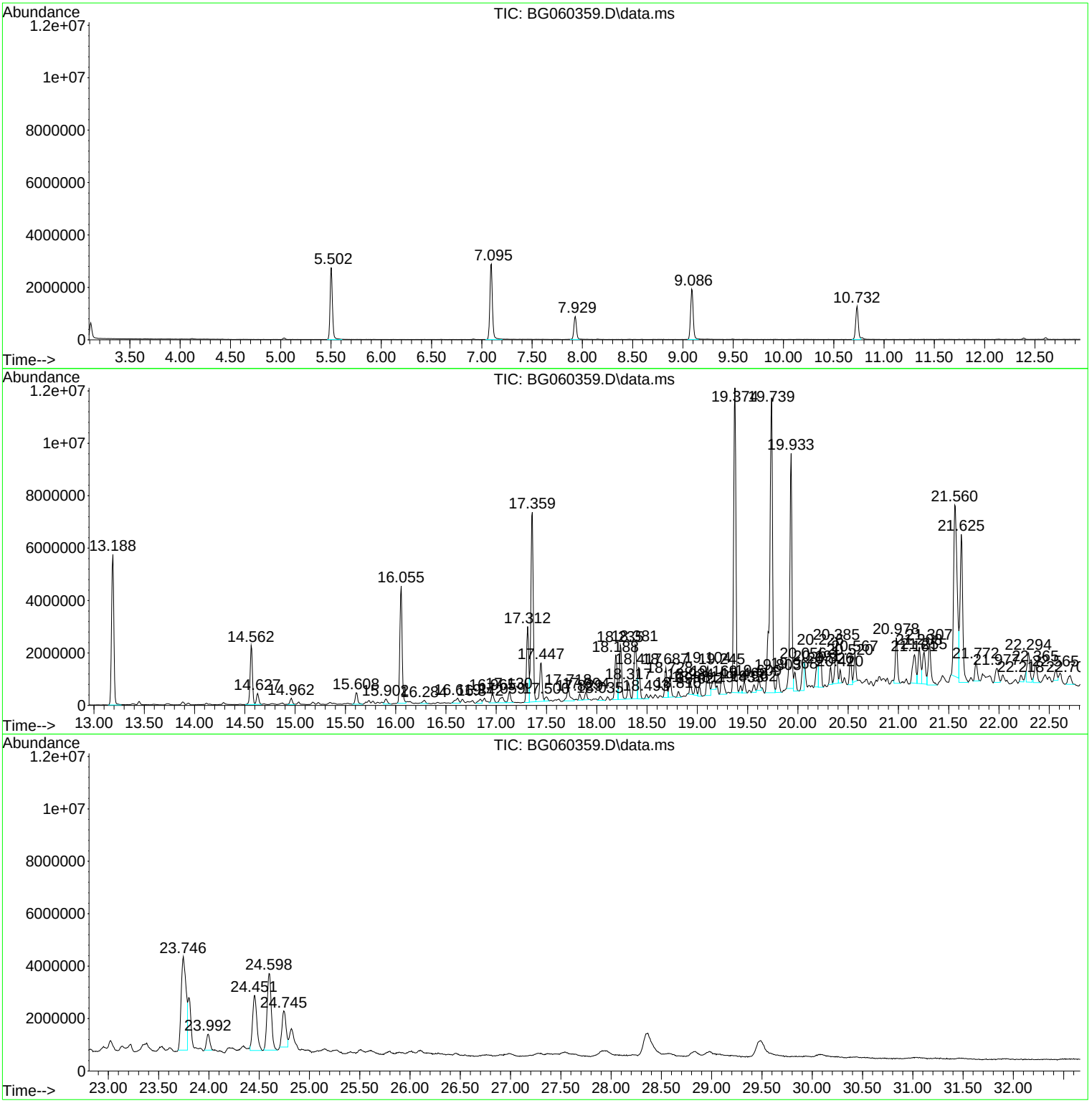
Sum of corrected areas: 231755060

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060359.D
Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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\BG011824\
Data File : BG060359.D
Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

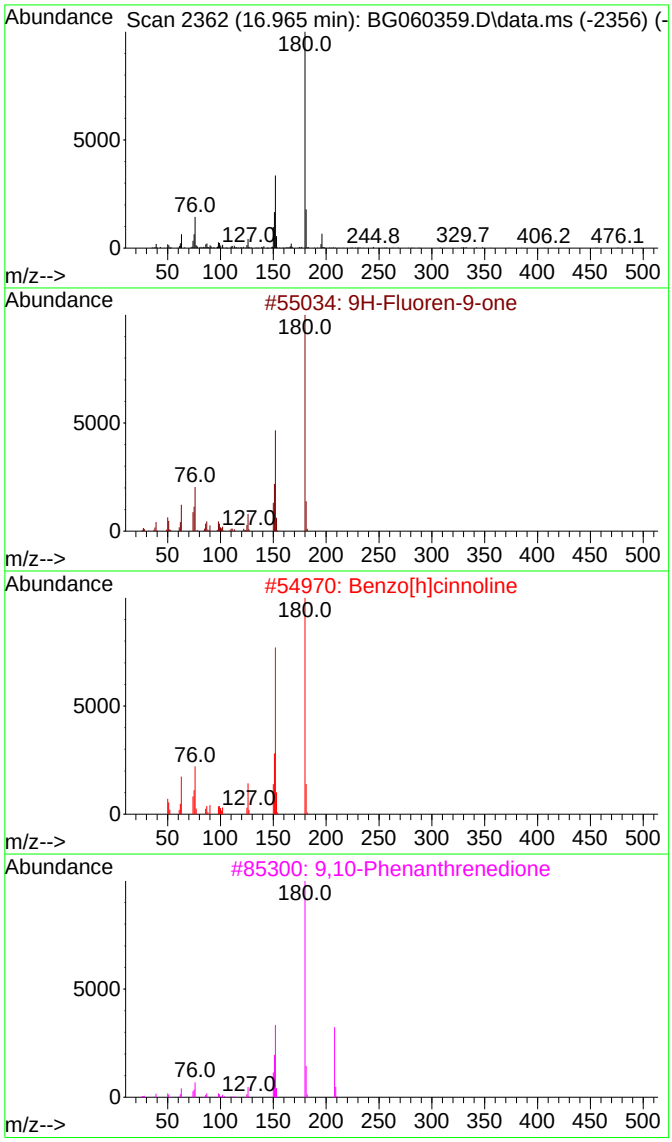
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

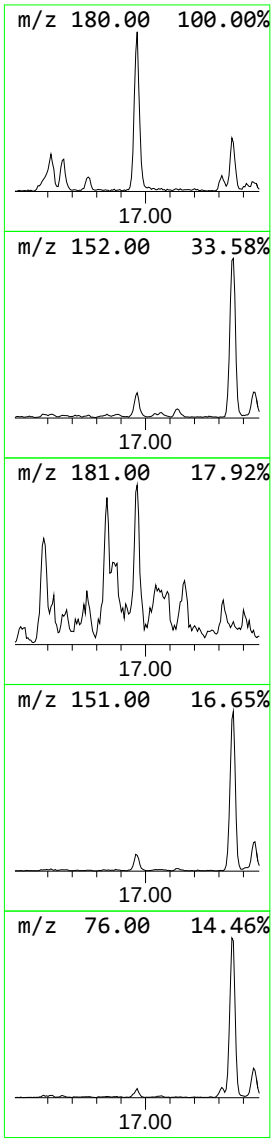
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.965	2.91 ng	622902	Phenanthrene-d10	17.312

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	91
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060359.D
Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

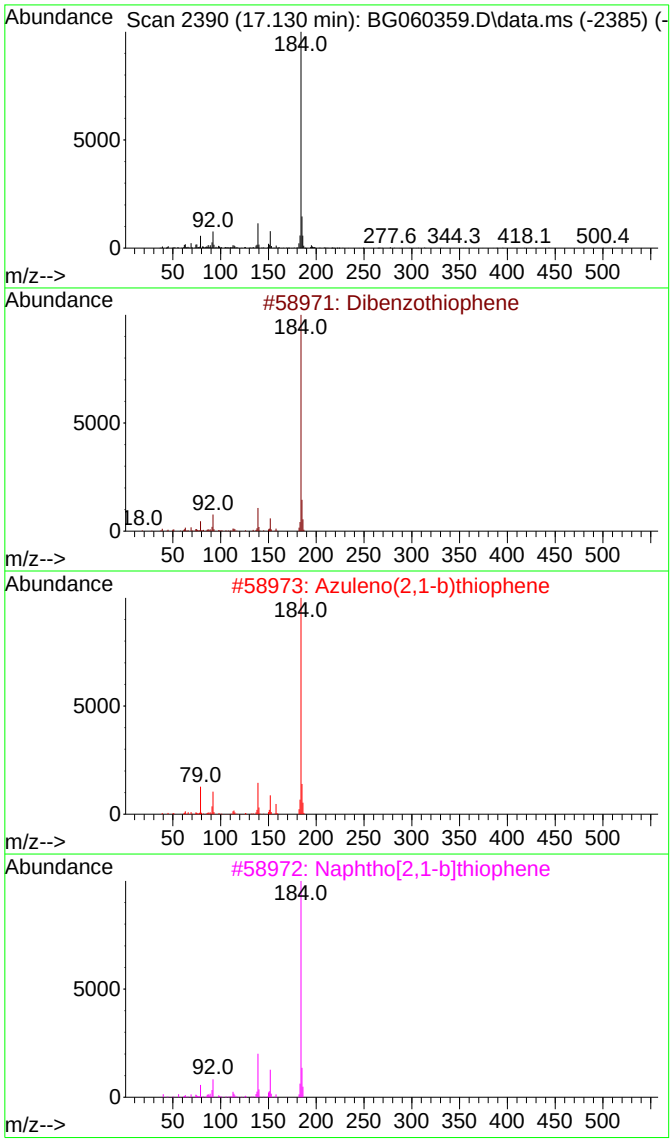
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

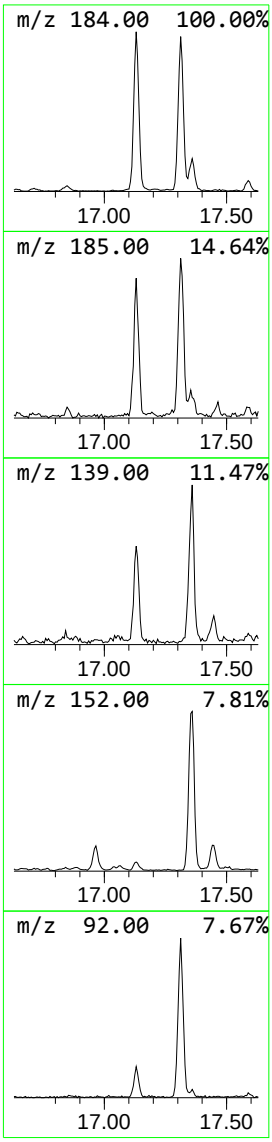
****

Peak Number 2 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.130	3.12 ng	669631	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060359.D
Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

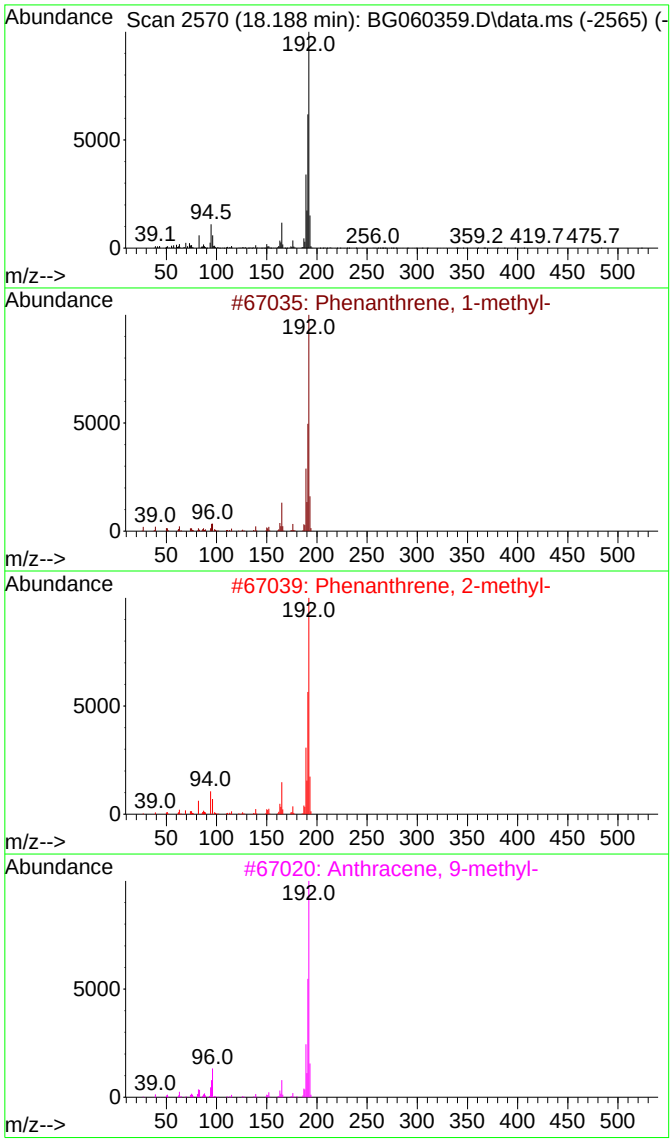
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

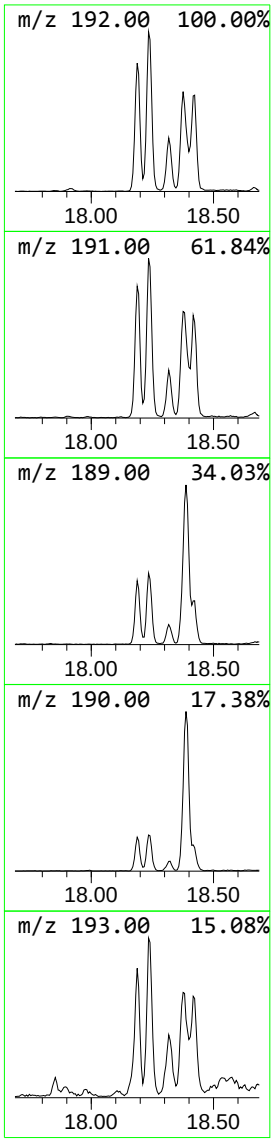
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.188	12.88 ng	2760820	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060359.D
Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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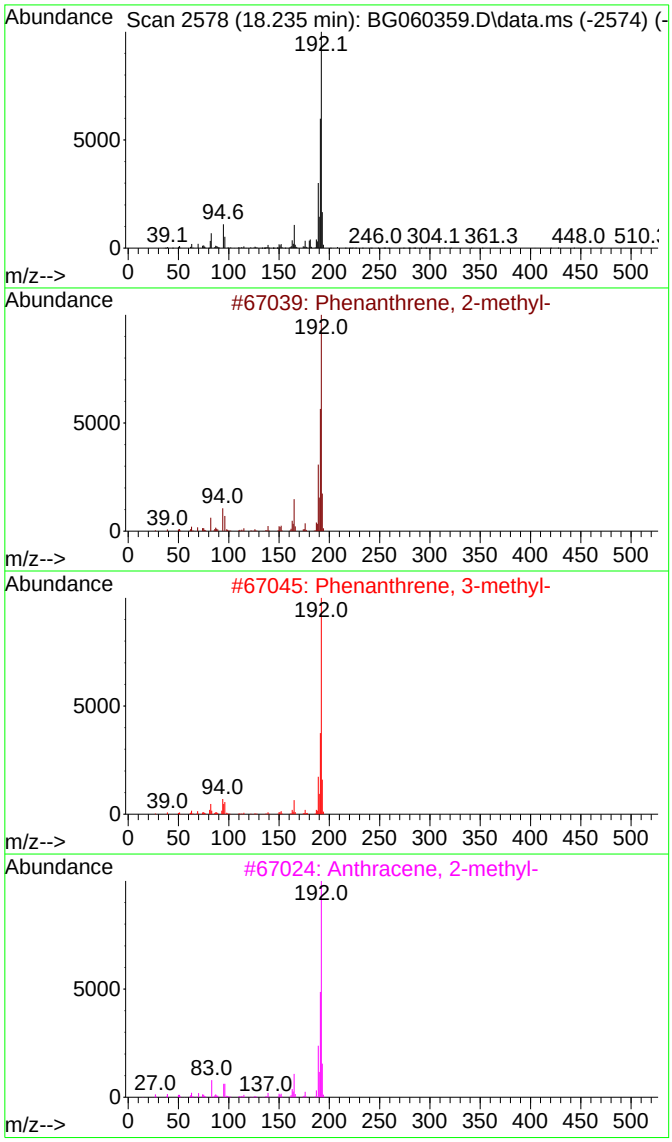
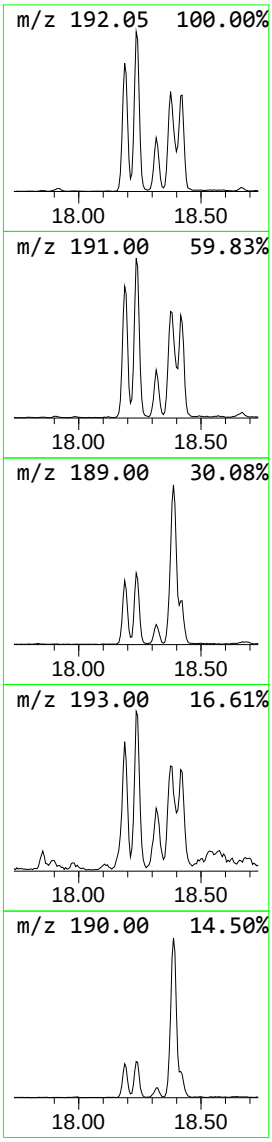
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.235	14.68 ng	3145380	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060359.D
Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

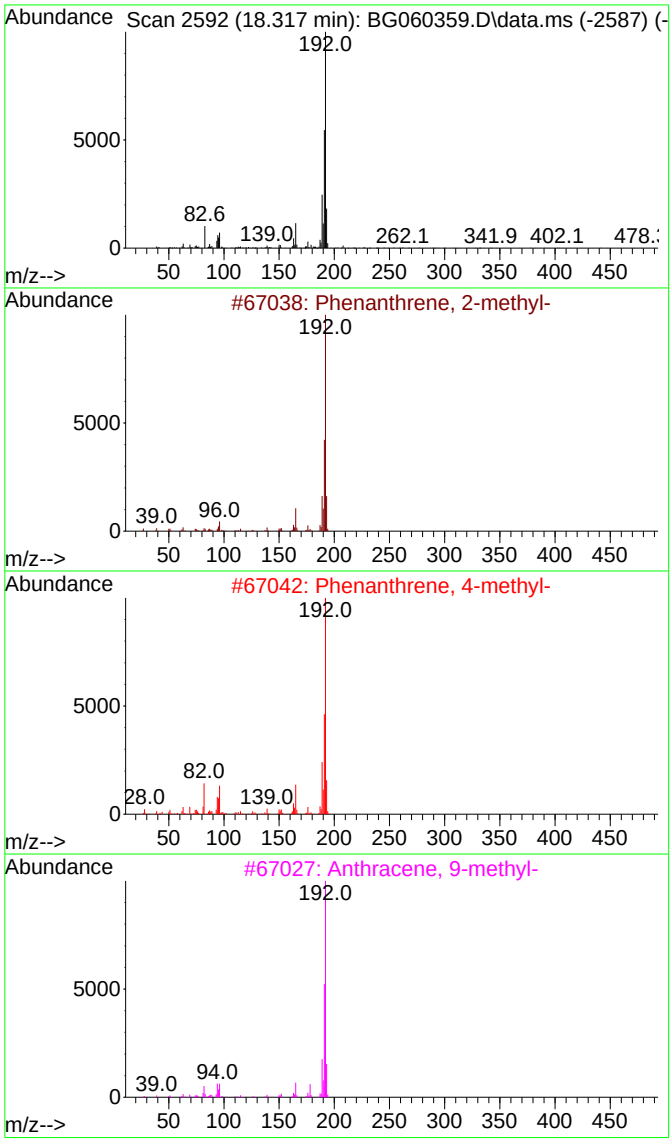
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

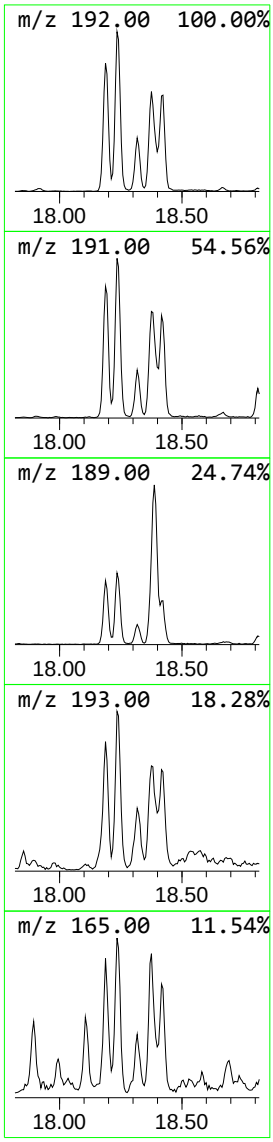
****

Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	4.28 ng	917262	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060359.D
Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

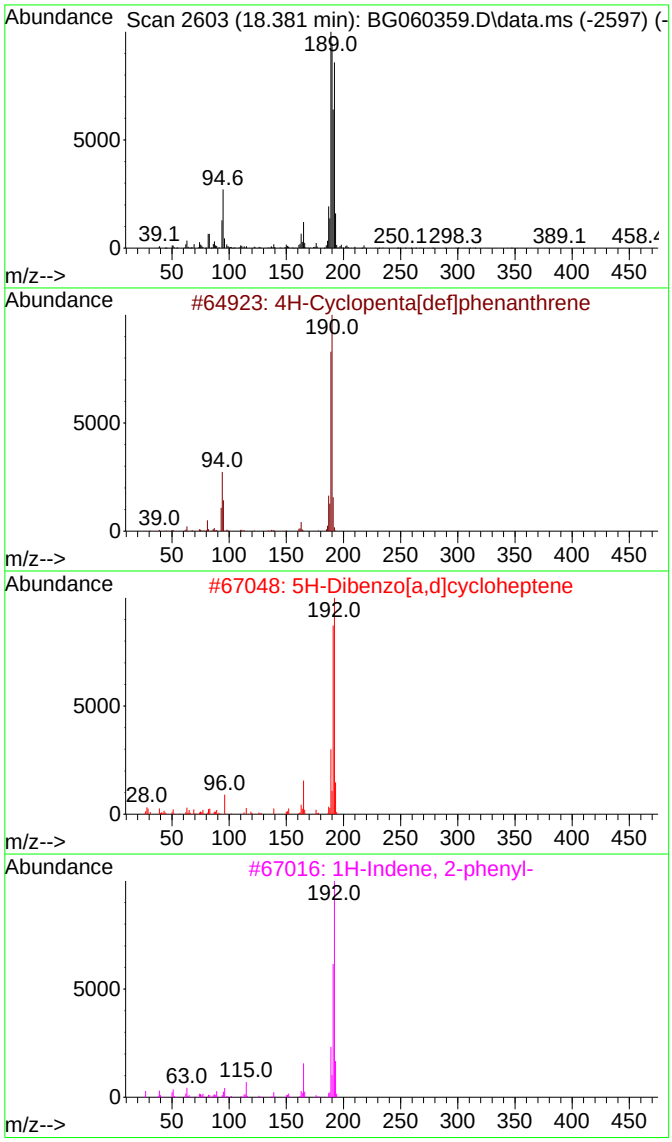
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

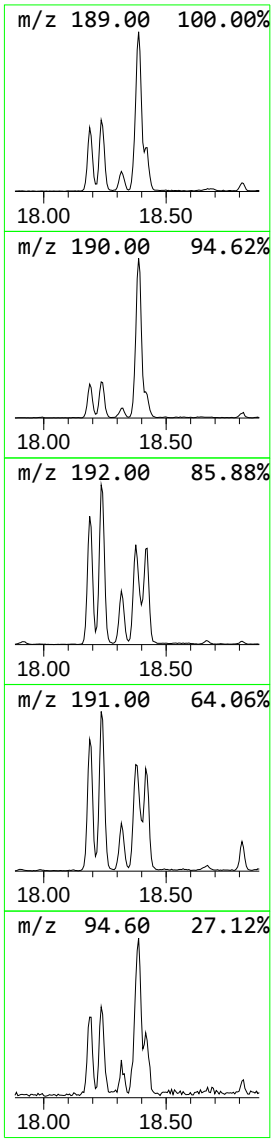
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	18.89 ng	4048800	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38





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Operator : MA/JU
Sample : P1169-04
Misc :
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ClientSampleId :
WC-B-COMP

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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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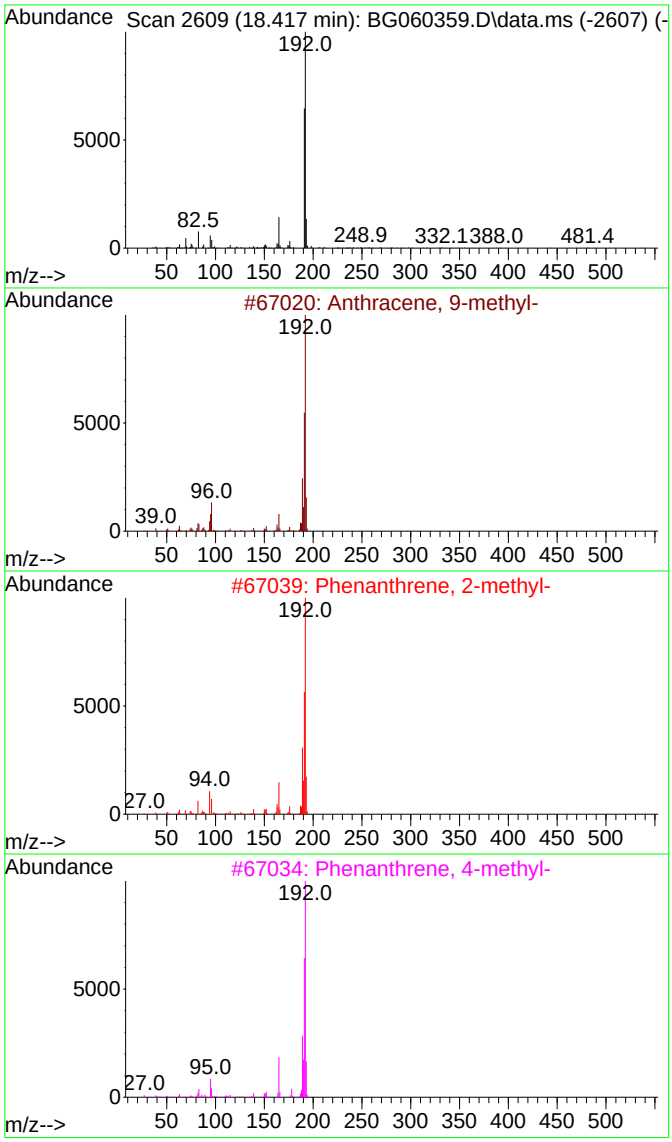
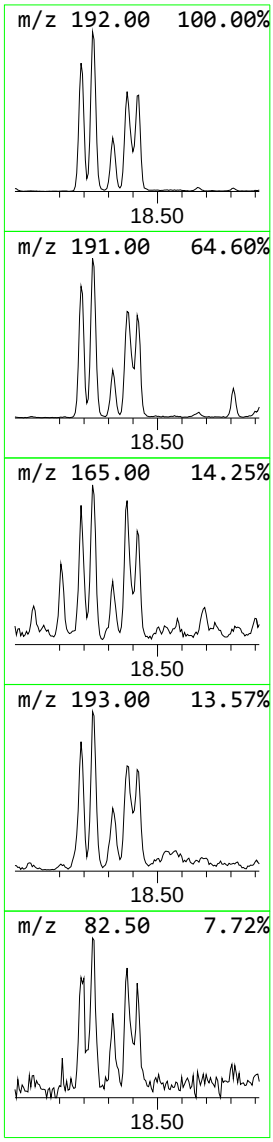
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.417	7.58 ng	1625120	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	78





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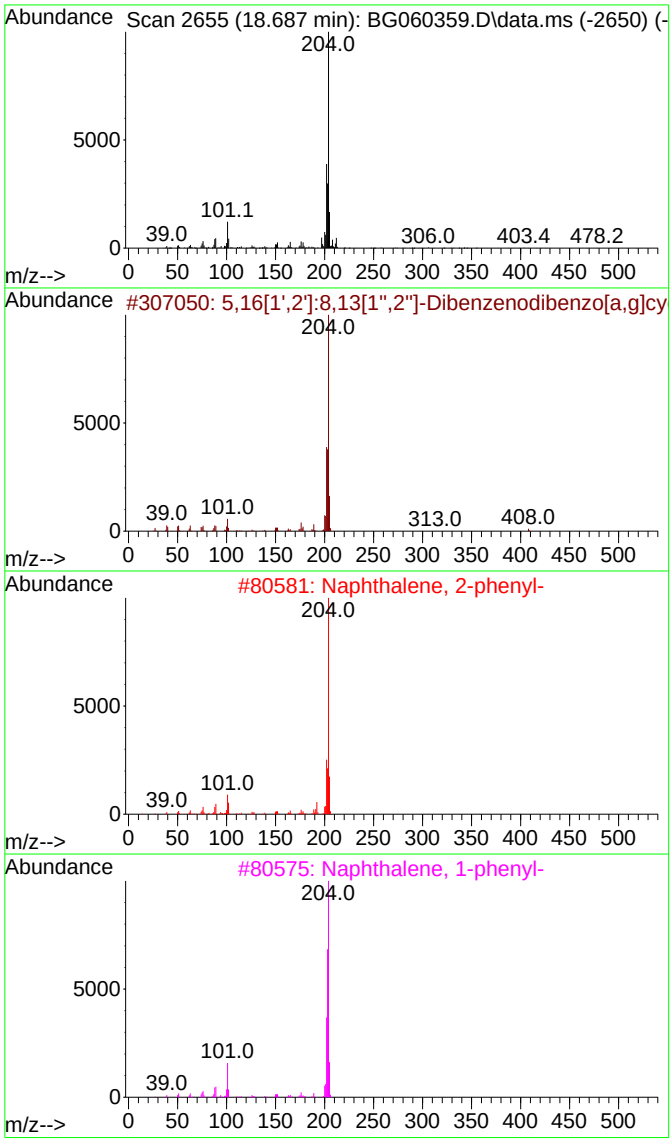
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

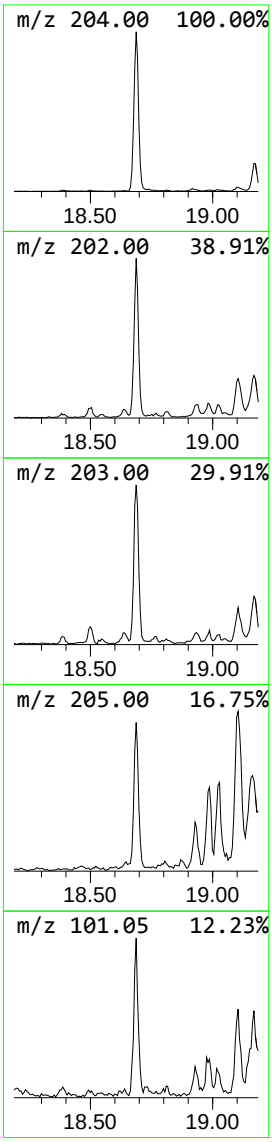
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	7.63 ng	1634440	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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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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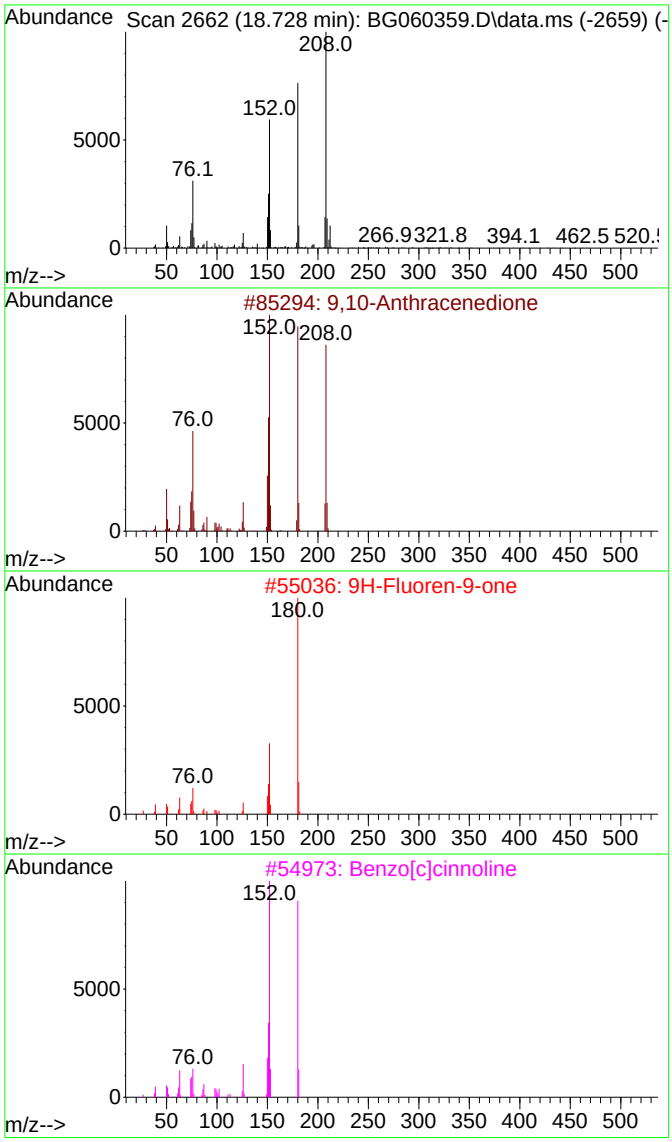
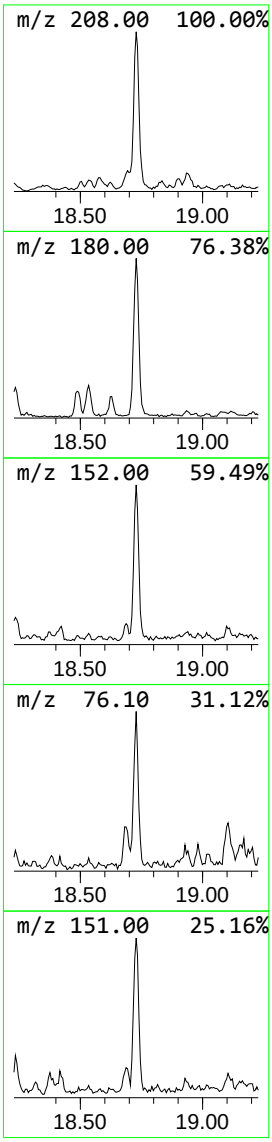
Peak Number 9 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.728	5.48 ng	1173690	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
4	2,5-Cyclohexadiene-1,4-dione, 2,...	208	C6H2Cl2O4	000087-88-7	50
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





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

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

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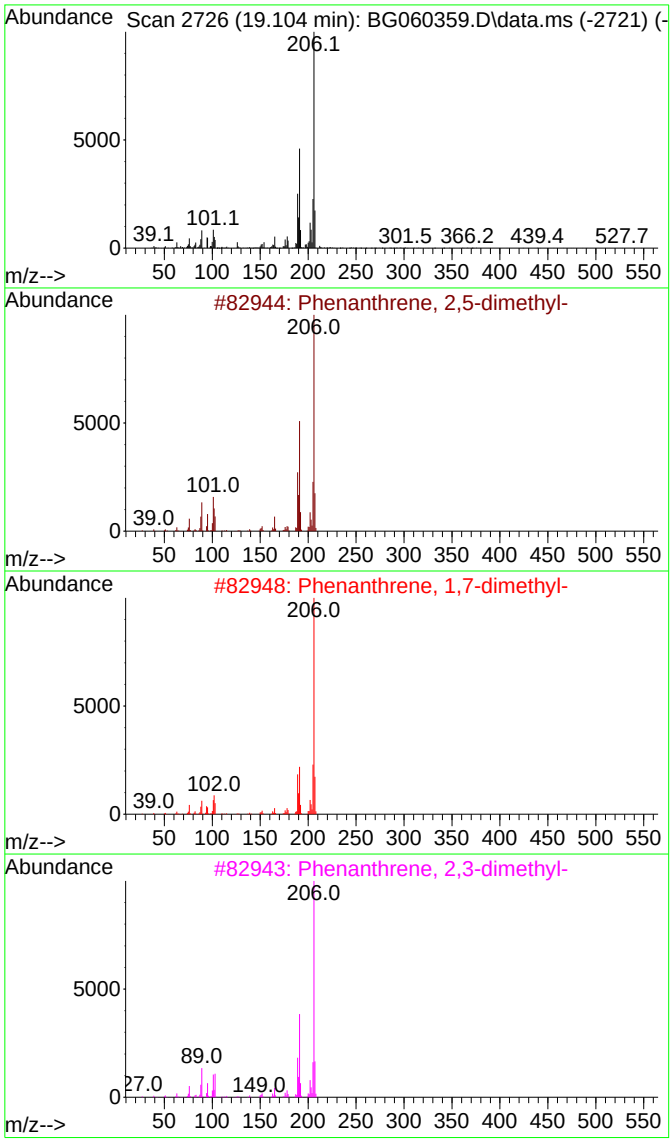
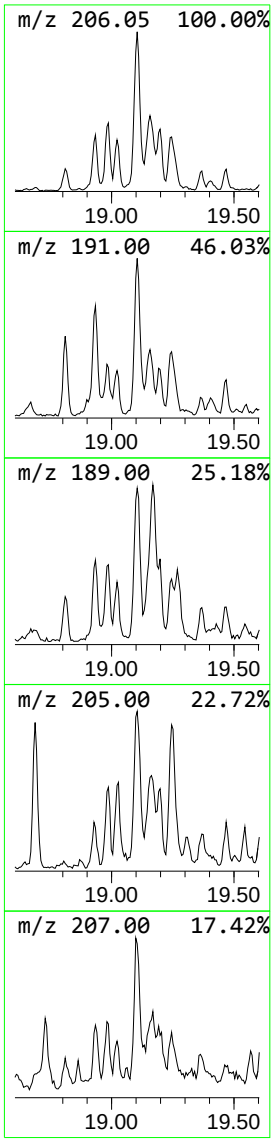
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	9.15 ng	1961640	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	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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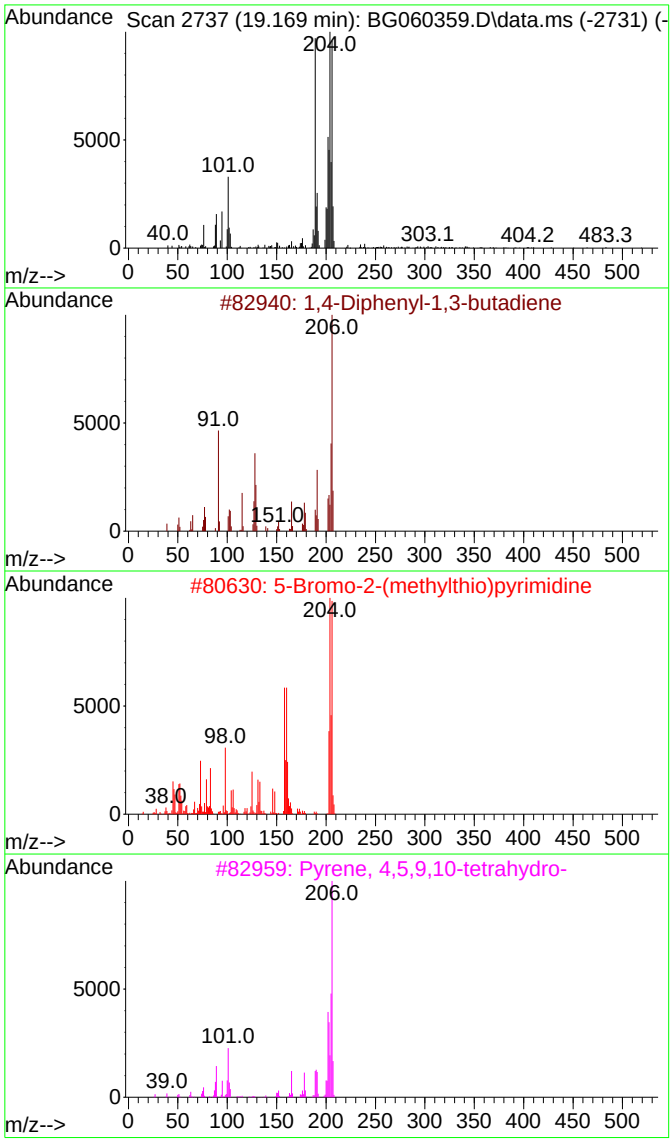
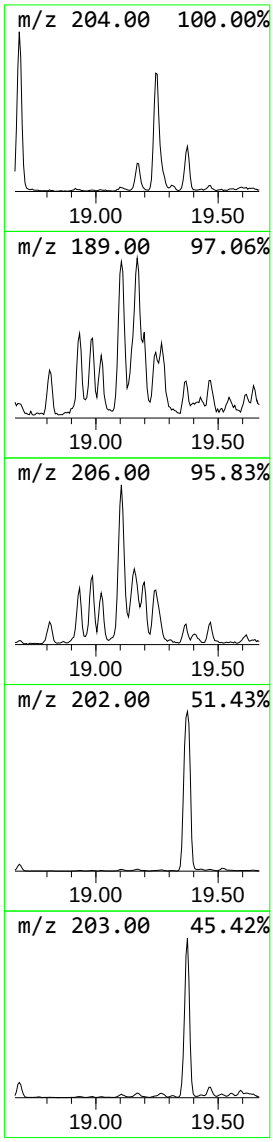
Peak Number 11 unknown19.169 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.169	3.34 ng	714878	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
2	5-Bromo-2-(methylthio)pyrimidine	204	C5H5BrN2S	014001-67-3	38
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30





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

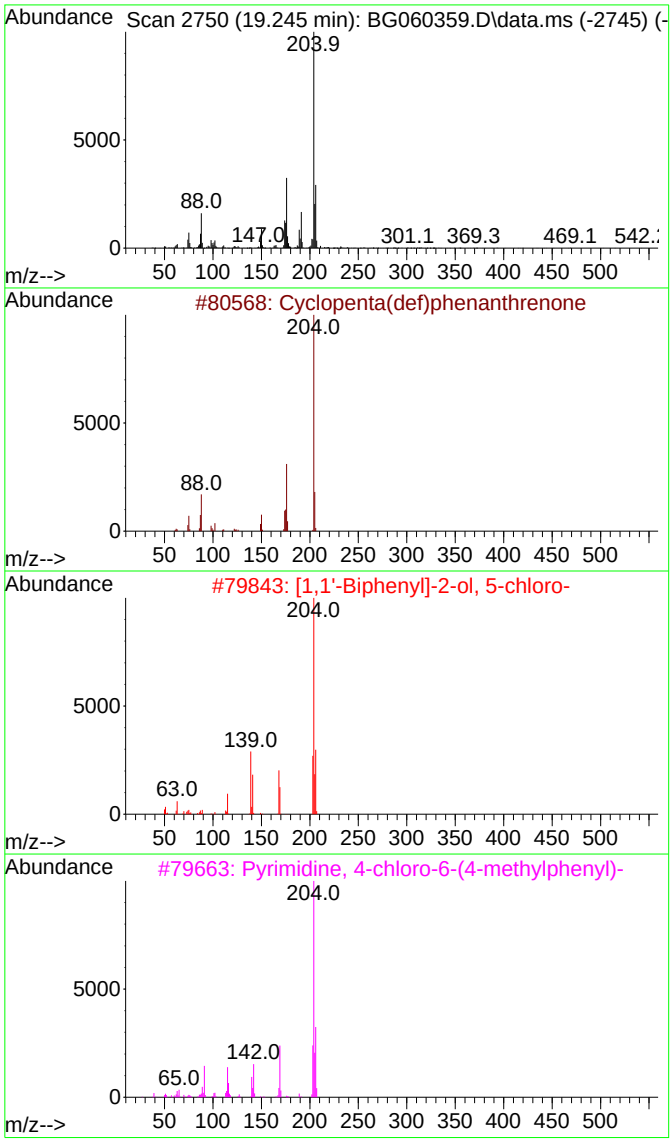
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

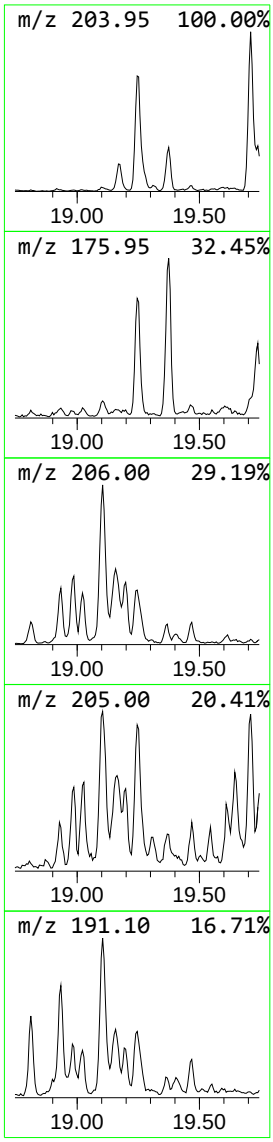
****

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	8.58 ng	1837720	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	50
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
5	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	47





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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

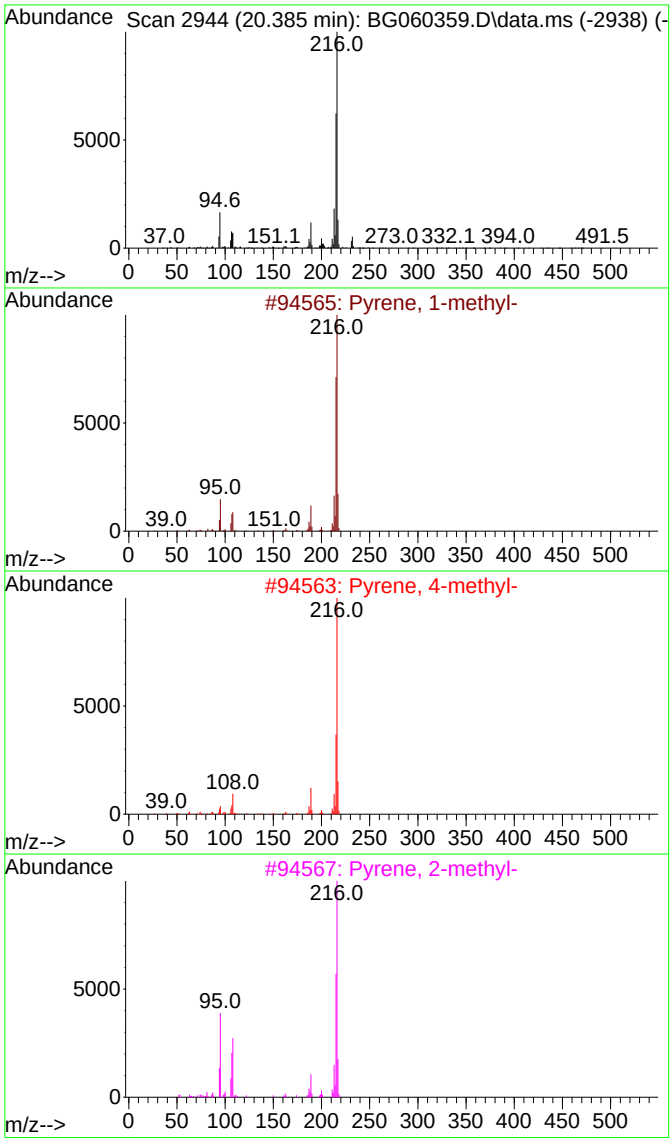
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

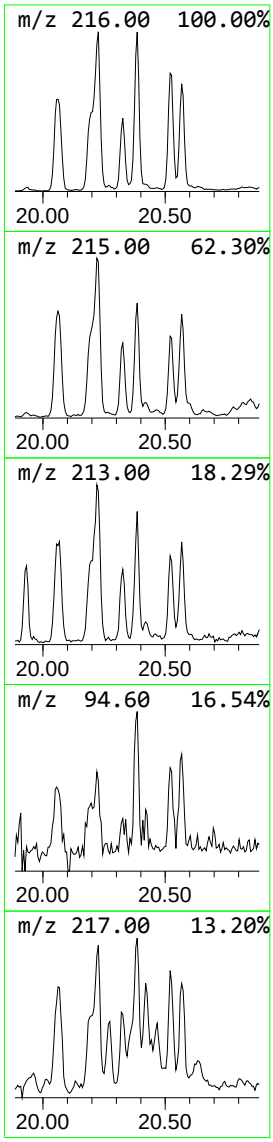
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.385	3.03 ng	2415370	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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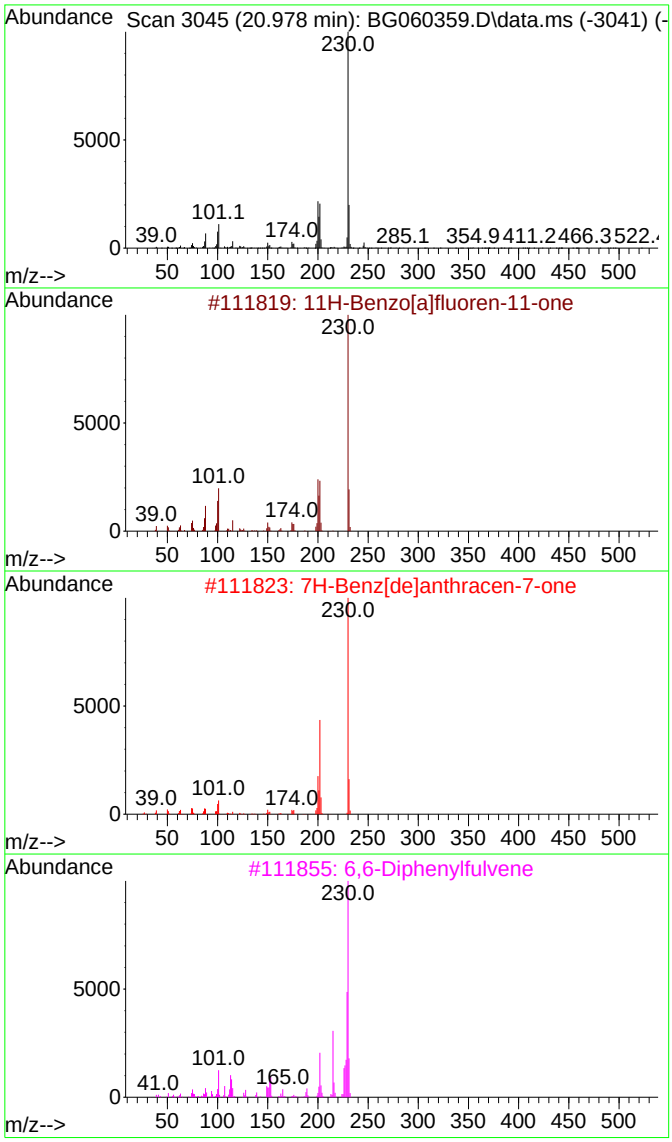
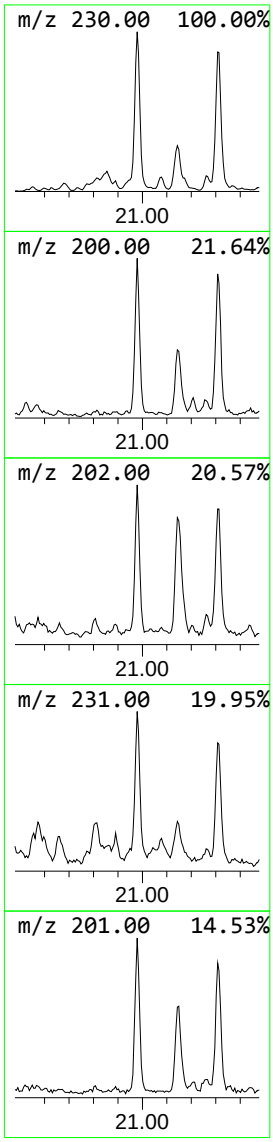
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.978	3.15 ng	2504650	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
3	6,6-Diphenylfulvene	230	C18H14	002175-90-8	64
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	m-Terphenyl	230	C18H14	000092-06-8	53





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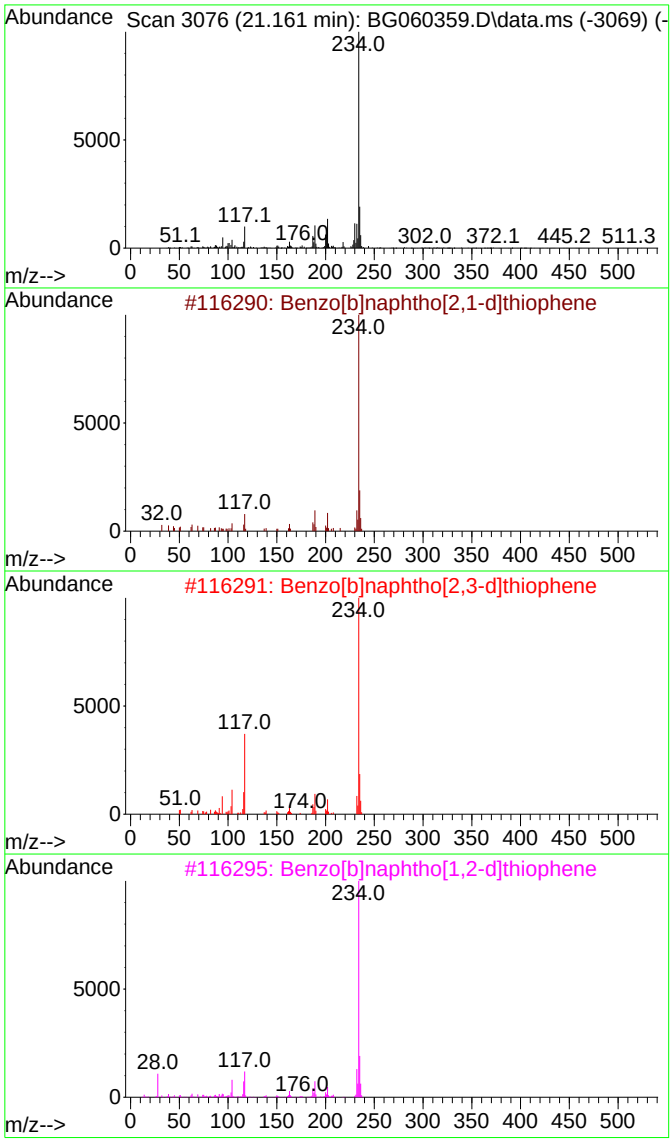
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

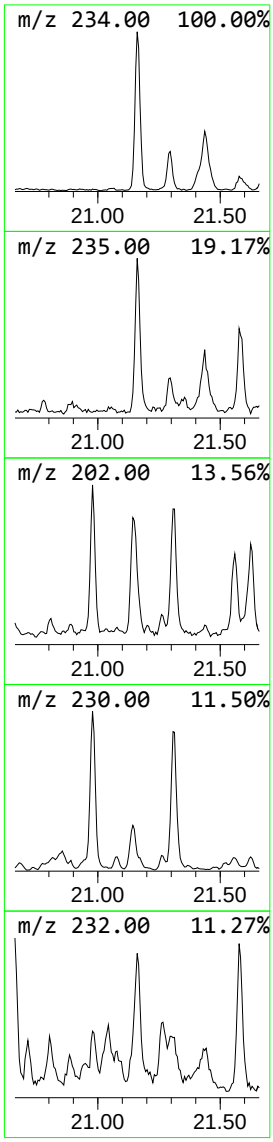
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.160	3.16 ng	2517440	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64
5	1,3,6,8-Tetramethylanthracene	234	C18H18	017526-53-3	64





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TIC Library : C:\Database\NIST20.L
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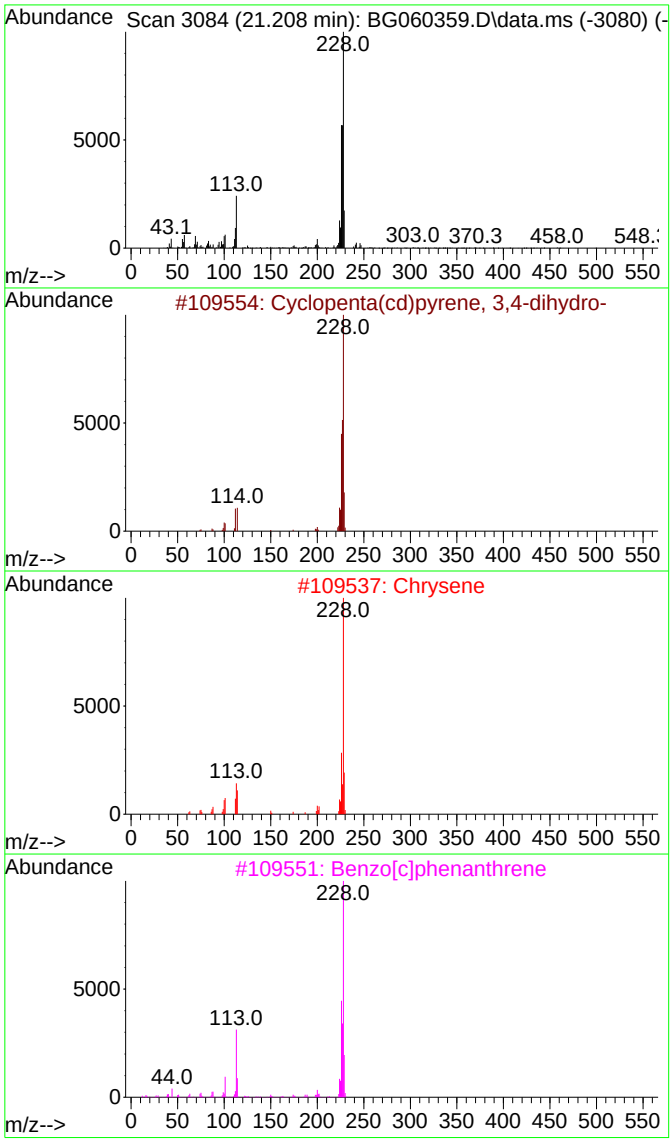
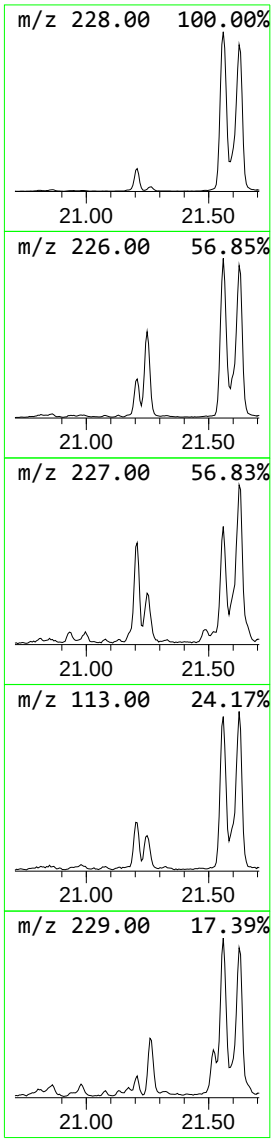
****
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.208	3.12 ng	2484440	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
2	Chrysene	228	C18H12	000218-01-9	55
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
4	Triphenylene	228	C18H12	000217-59-4	46
5	Benz[a]anthracene	228	C18H12	000056-55-3	43





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TIC Library : C:\Database\NIST20.L
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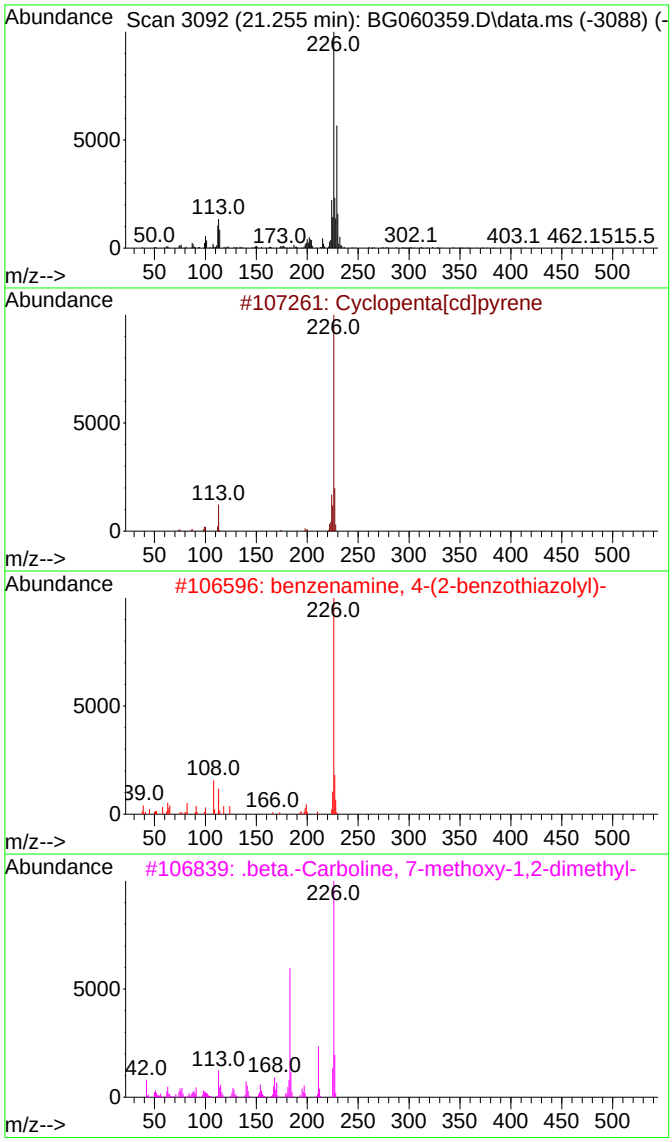
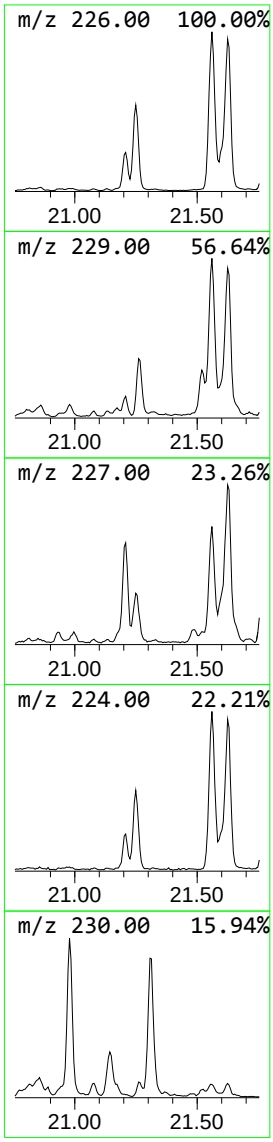
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.255	3.01 ng	2395720	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	47
4	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	43
5	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	37





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ClientSampleId :
WC-B-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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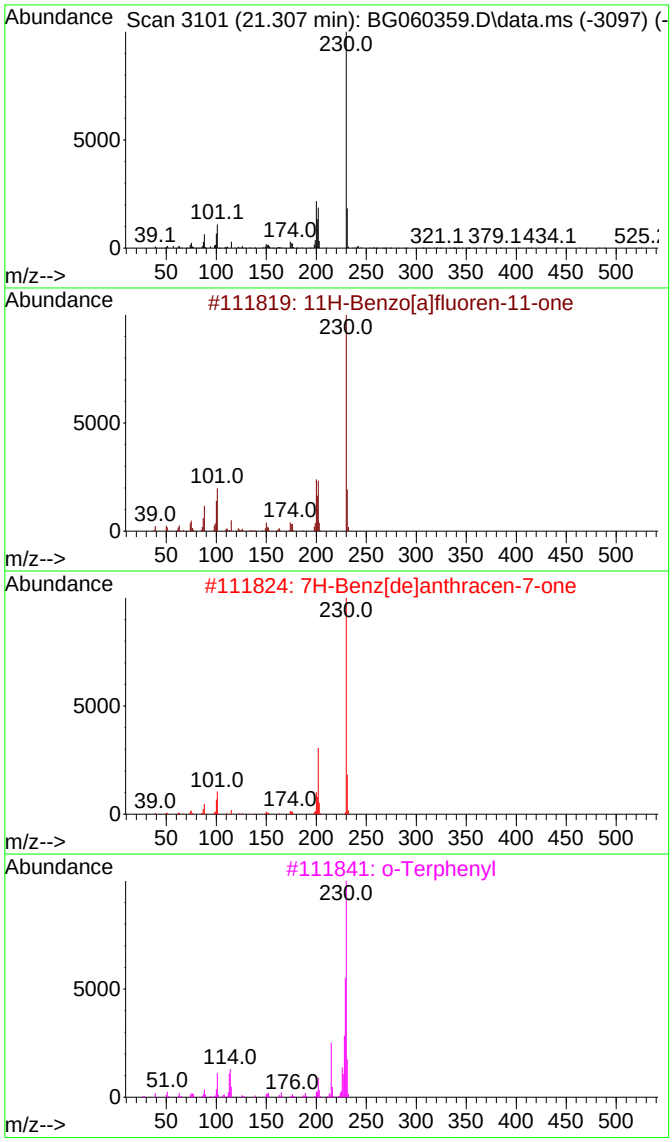
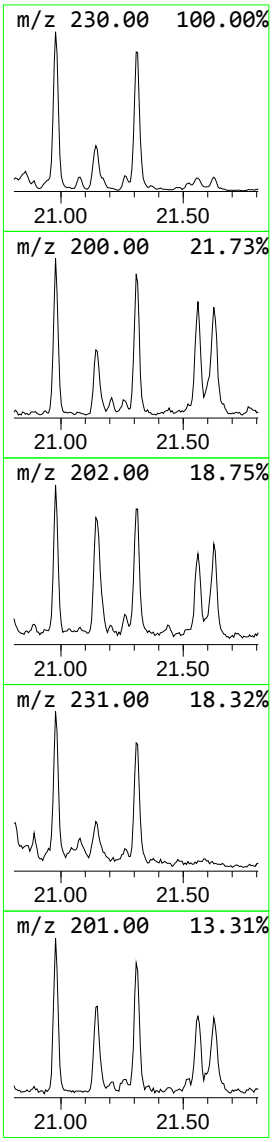
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.307	3.71 ng	2955980	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	o-Terphenyl	230	C18H14	000084-15-1	72
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060359.D
Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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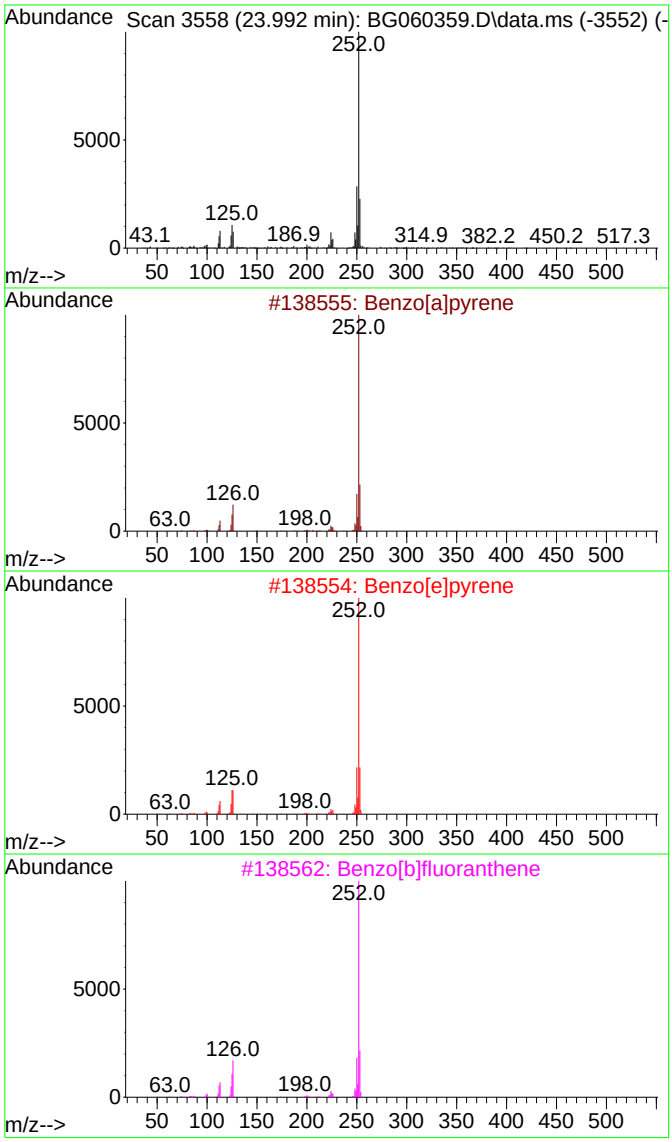
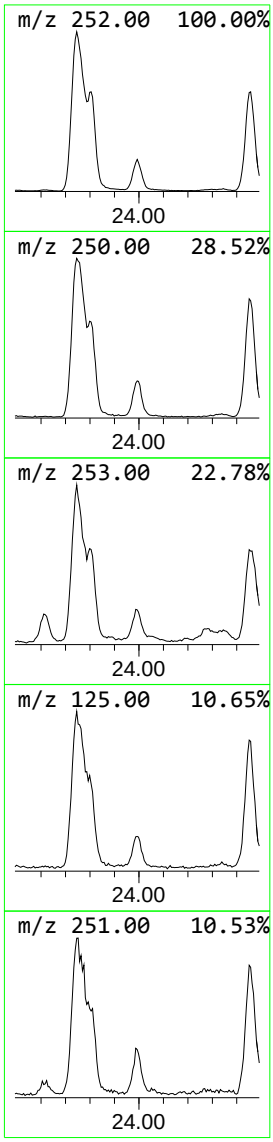
Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.993	7.25 ng	1398010	Perylene-d12	24.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060359.D
Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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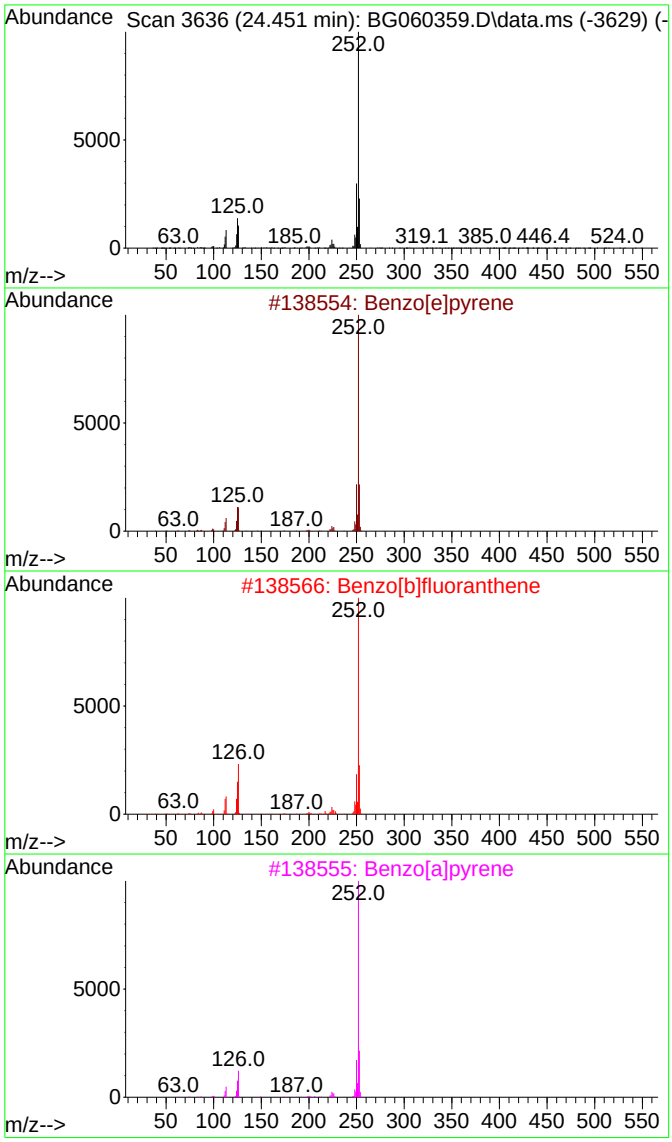
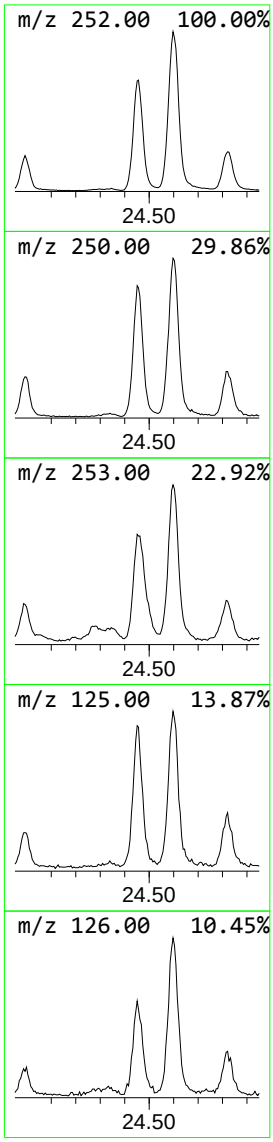
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.451	32.18 ng	6206970	Perylene-d12	24.745

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060359.D
Acq On : 18 Jan 2024 19:32
Operator : MA/JU
Sample : P1169-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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
9H-Fluoren-9-one	16.965	2.9	ng	622902	4	17.312	4285910	20.0
Dibenzothiophene	17.130	3.1	ng	669631	4	17.312	4285910	20.0
Phenanthrene, 1...	18.188	12.9	ng	2760820	4	17.312	4285910	20.0
Phenanthrene, 2...	18.235	14.7	ng	3145380	4	17.312	4285910	20.0
Phenanthrene, 4...	18.317	4.3	ng	917262	4	17.312	4285910	20.0
4H-Cyclopenta[d...	18.381	18.9	ng	4048800	4	17.312	4285910	20.0
Anthracene, 9-m...	18.417	7.6	ng	1625120	4	17.312	4285910	20.0
5,16[1',2']:8,1...	18.687	7.6	ng	1634440	4	17.312	4285910	20.0
9,10-Anthracene...	18.728	5.5	ng	1173690	4	17.312	4285910	20.0
Phenanthrene, 2...	19.104	9.2	ng	1961640	4	17.312	4285910	20.0
unknown19.169	19.169	3.3	ng	714878	4	17.312	4285910	20.0
Cyclopenta(def)...	19.245	8.6	ng	1837720	4	17.312	4285910	20.0
Pyrene, 1-methyl-	20.385	3.0	ng	2415370	5	21.578	15923600	20.0
11H-Benzo[a]flu...	20.978	3.1	ng	2504650	5	21.578	15923600	20.0
Benzo[b]naphtho...	21.160	3.2	ng	2517440	5	21.578	15923600	20.0
Cyclopenta(cd)p...	21.208	3.1	ng	2484440	5	21.578	15923600	20.0
Cyclopenta[cd]p...	21.255	3.0	ng	2395720	5	21.578	15923600	20.0
7H-Benz[de]anth...	21.307	3.7	ng	2955980	5	21.578	15923600	20.0
Benzo[e]pyrene	23.993	7.3	ng	1398010	6	24.745	3857190	20.0
Perylene	24.451	32.2	ng	6206970	6	24.745	3857190	20.0