LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054347.D
Acq On : 21 Jul 2022 16:20
Operator : CG/JU
Sample : N3810-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

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-BG071522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054347.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.570	364	371	381	rBV	130114	221972	21.27%	1.824%
2	7.174	637	644	653	rBV	146775	262594	25.16%	2.158%
3	7.997	778	784	792	rVB2	57627	98897	9.48%	0.813%
4	9.160	974	982	989	rBV	82720	156707	15.01%	1.288%
5	10.805	1254	1262	1268	rBV	72652	137631	13.19%	1.131%
6	13.255	1671	1679	1687	rBB	284115	448135	42.94%	3.682%
7	14.354	1861	1866	1873	rBV	6551	11217	1.07%	0.092%
8	14.630	1905	1913	1919	rBV	151430	231779	22.21%	1.905%
9	15.030	1975	1981	1986	rBV2	9114	12906	1.24%	0.106%
10	15.676	2086	2091	2098	rBV2	14324	22998	2.20%	0.189%
11	16.123	2160	2167	2175	rBV3	321103	507098	48.59%	4.167%
12	16.687	2254	2263	2268	rBV5	5778	12720	1.22%	0.105%
13	16.910	2294	2301	2304	rBV4	9353	15826	1.52%	0.130%
14	17.104	2328	2334	2341	rBV4	9290	21367	2.05%	0.176%
15	17.198	2345	2350	2360	rVB4	6722	11826	1.13%	0.097%
16	17.380	2374	2381	2384	rBV	205172	325630	31.20%	2.676%
17	17.421	2384	2388	2394	rVV	102715	156894	15.03%	1.289%
18	17.509	2398	2403	2408	rVV	26745	39702	3.80%	0.326%
19	17.562	2408	2412	2417	rVV4	9235	16312	1.56%	0.134%
20	17.815	2451	2455	2461	rVB4	7808	14833	1.42%	0.122%
21	18.256	2520	2530	2534	rBV	41002	77016	7.38%	0.633%
22	18.303	2534	2538	2545	rVV	59088	88962	8.52%	0.731%
23	18.379	2545	2551	2557	rVV	31363	52844	5.06%	0.434%
24	18.449	2557	2563	2567	rVV2	61395	124801	11.96%	1.026%
25	18.485	2567	2569	2575	rVV	30756	40097	3.84%	0.329%
26	18.749	2609	2614	2619	rVV	30165	44229	4.24%	0.363%
27	18.790	2619	2621	2626	rVB4	7657	10978	1.05%	0.090%
28	19.002	2652	2657	2661	rBV	12649	16594	1.59%	0.136%
29	19.049	2661	2665	2668	rBV	17696	21513	2.06%	0.177%
30	19.090	2668	2672	2676	rVB	16886	22728	2.18%	0.187%
31	19.166	2679	2685	2690	rBV	46720	91080	8.73%	0.748%
32	19.237	2690	2697	2700	rBV3	27267	51152	4.90%	0.420%
33	19.307	2705	2709	2718	rVB4	27083	58301	5.59%	0.479%
34	19.431	2724	2730	2736	rBV	441949	649417	62.22%	5.337%
35	19.489	2736	2740	2743	rVV2	14296	16789	1.61%	0.138%
36	19.530	2743	2747	2751	rBV5	17616	24613	2.36%	0.202%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054347.D
Acq On : 21 Jul 2022 16:20
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

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-BG071522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.583	2751	2756	2759	rBV	30168	41341	3.96%	0.340%
38	19.677	2767	2772	2774	rBV2	15277	20094	1.93%	0.165%
39	19.760	2781	2786	2788	rBV2	107144	164118	15.72%	1.349%
40	19.795	2788	2792	2799	rVV	400589	595673	57.07%	4.895%
41	19.865	2799	2804	2810	rVB4	47230	86370	8.28%	0.710%
42	19.989	2811	2825	2829	rBV	644947	959629	91.94%	7.886%
43	20.030	2829	2832	2838	rVB2	22727	36876	3.53%	0.303%
44	20.118	2840	2847	2855	rBV3	68433	186841	17.90%	1.535%
45	20.283	2864	2875	2881	rVB2	122376	297600	28.51%	2.445%
46	20.382	2885	2892	2896	rBV	76123	122560	11.74%	1.007%
47	20.441	2896	2902	2907	rVV2	97190	206515	19.79%	1.697%
48	20.482	2907	2909	2912	rVV2	18705	21582	2.07%	0.177%
49	20.523	2912	2916	2922	rVV2	26698	51556	4.94%	0.424%
50	20.582	2922	2926	2930	rVV	57207	90425	8.66%	0.743%
51	20.629	2930	2934	2943	rVV3	60637	123727	11.85%	1.017%
52	20.741	2945	2953	2957	rVV5	15800	37496	3.59%	0.308%
53	20.835	2965	2969	2971	rBV2	20670	30010	2.88%	0.247%
54	20.876	2973	2976	2979	rVV4	15605	25331	2.43%	0.208%
55	20.999	2994	2997	3000	rBV3	19625	27903	2.67%	0.229%
56	21.046	3001	3005	3010	rVB	52978	86383	8.28%	0.710%
57	21.229	3029	3036	3039	rBV3	46338	94610	9.06%	0.777%
58	21.270	3039	3043	3048	rVV	60628	110043	10.54%	0.904%
59	21.323	3048	3052	3057	rVB3	39883	64901	6.22%	0.533%
60	21.634	3098	3105	3111	rBV2	416009	1043710	100.00%	8.577%
61	21.693	3111	3115	3127	rVB	276291	507659	48.64%	4.172%
62	21.845	3137	3141	3148	rBV3	22375	45426	4.35%	0.373%
63	21.910	3148	3152	3157	rBV2	24315	46938	4.50%	0.386%
64	22.051	3171	3176	3182	rBV6	32637	74915	7.18%	0.616%
65	22.374	3222	3231	3236	rBV	87262	191728	18.37%	1.576%
66	22.445	3238	3243	3251	rVB	47505	94649	9.07%	0.778%
67	22.644	3273	3277	3281	rBV	28794	44923	4.30%	0.369%
68	23.837	3472	3480	3488	rBV2	177865	629988	60.36%	5.177%
69	24.090	3517	3523	3532	rVB	45584	102558	9.83%	0.843%
70	24.560	3596	3603	3615	rVB	102595	318984	30.56%	2.621%
71	24.707	3619	3628	3640	rVB	171775	478017	45.80%	3.928%
72	24.854	3642	3653	3661	rBV2	151789	470831	45.11%	3.869%
73	28.532	4266	4279	4298	rVB2	63458	343836	32.94%	2.825%
74	29.666	4465	4472	4489	rVB3	41688	175412	16.81%	1.441%

Sum of corrected areas: 12169316

Instrument :
BNA_G
ClientSampleId :
COMP-3

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
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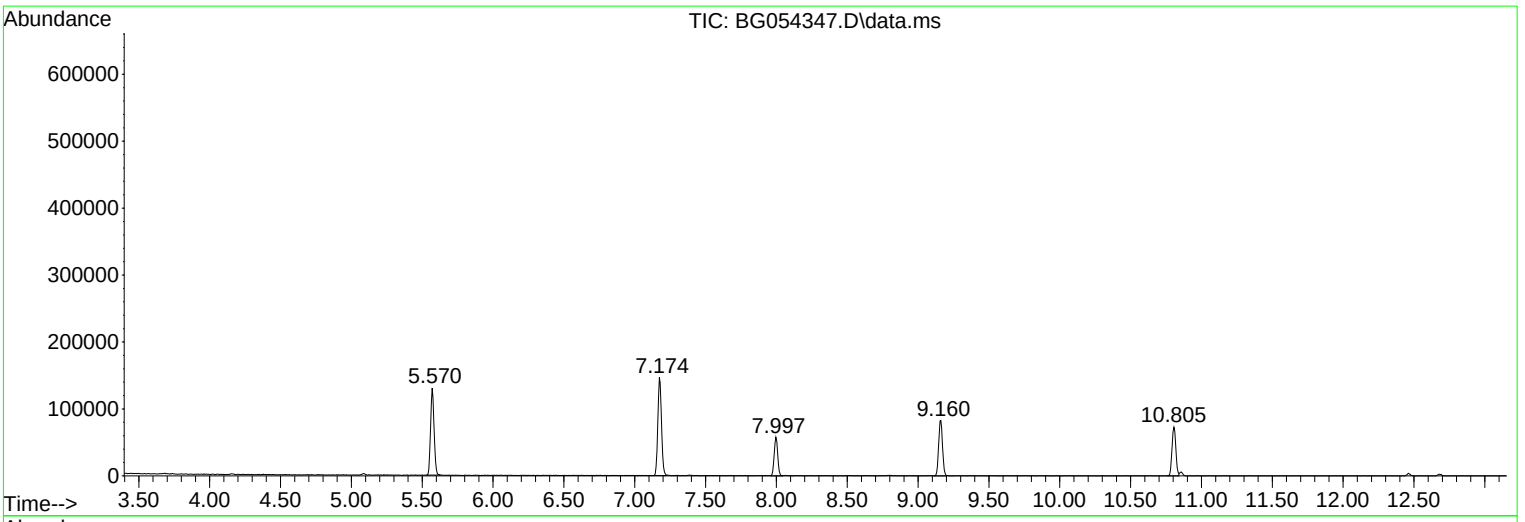
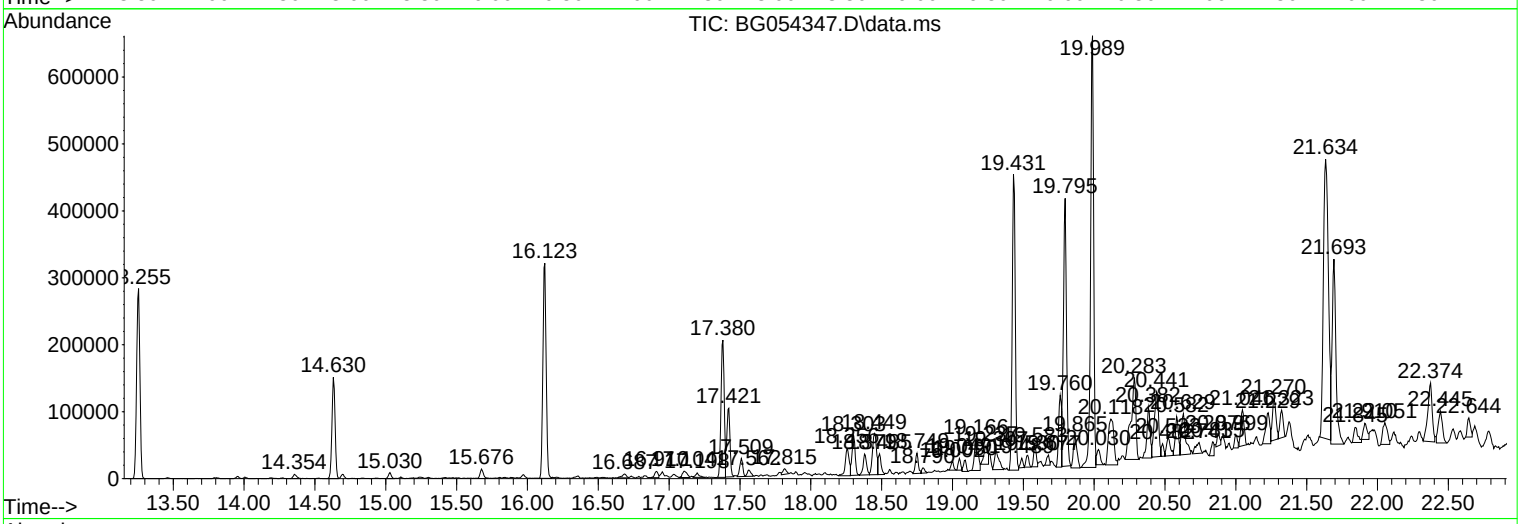
Misc :
ALS Vial : 8 Sample Multiplier: 1

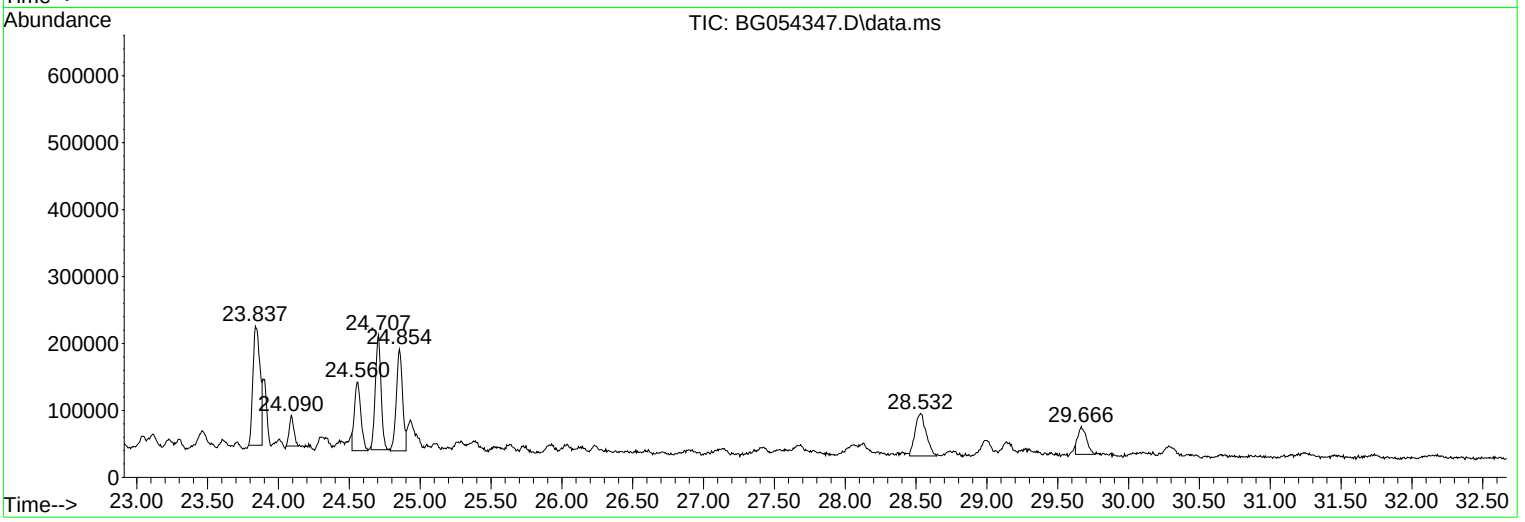
Instrument :
BNA_G
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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\BG072122\
Data File : BG054347.D
Acq On : 21 Jul 2022 16:20
Operator : CG/JU
Sample : N3810-03
Misc :
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

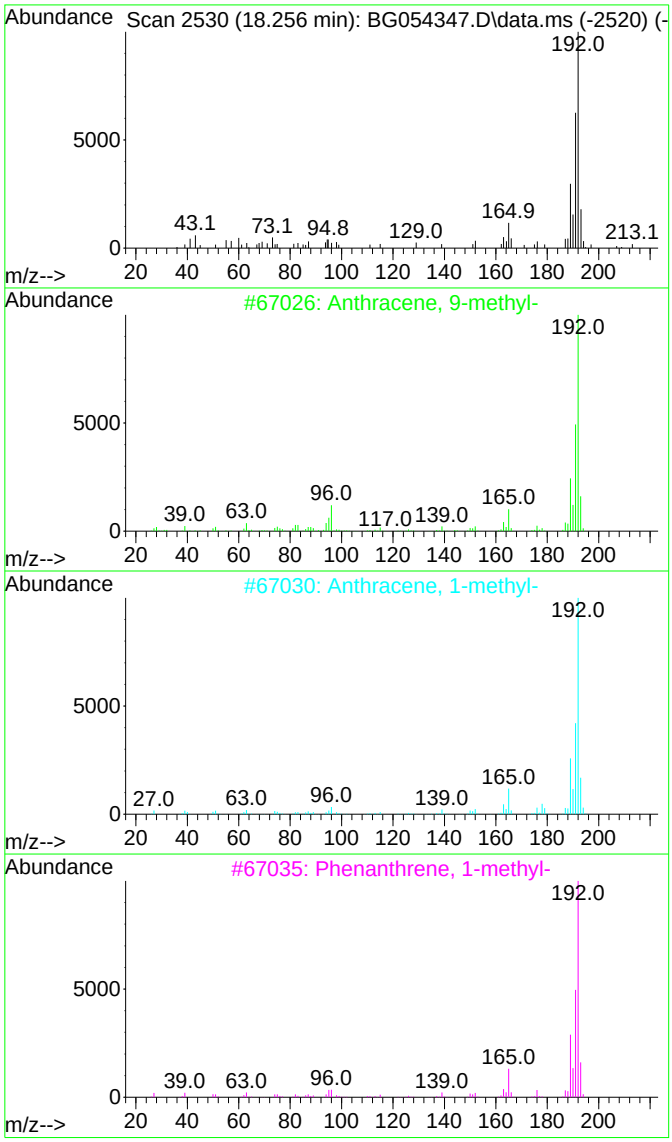
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

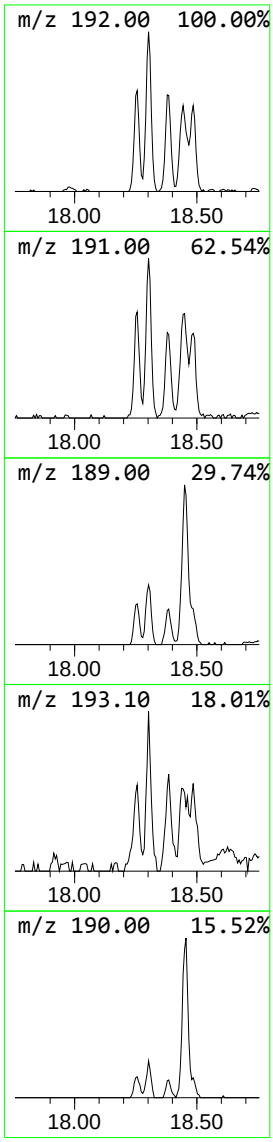
****

Peak Number 1 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.256	4.73 ng	77016	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054347.D
Acq On : 21 Jul 2022 16:20
Operator : CG/JU
Sample : N3810-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

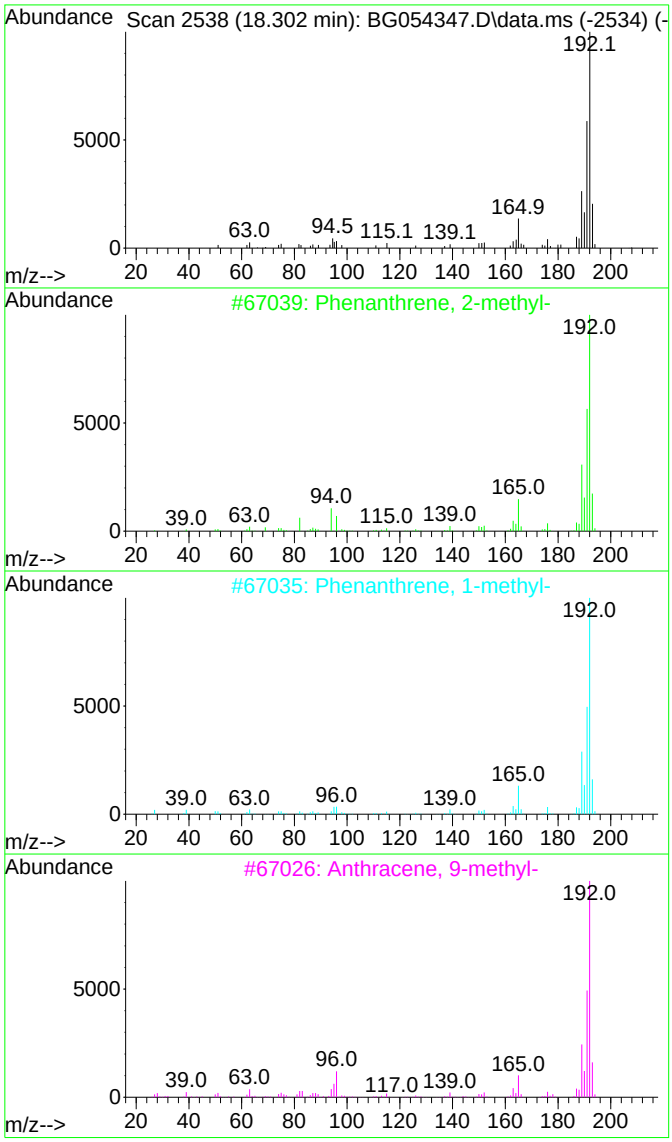
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

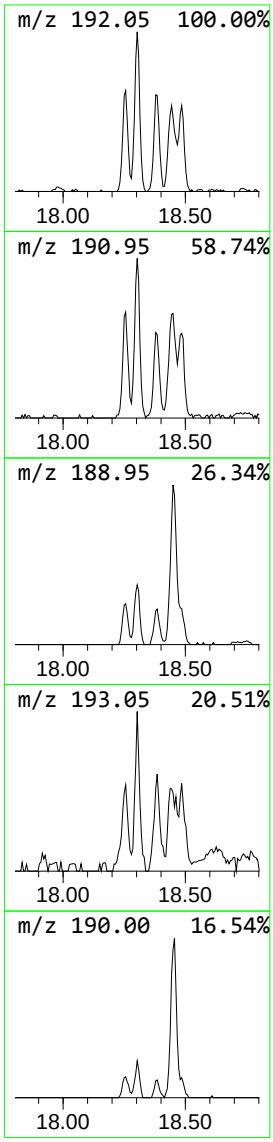
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.302	5.46 ng	88962	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054347.D
Acq On : 21 Jul 2022 16:20
Operator : CG/JU
Sample : N3810-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

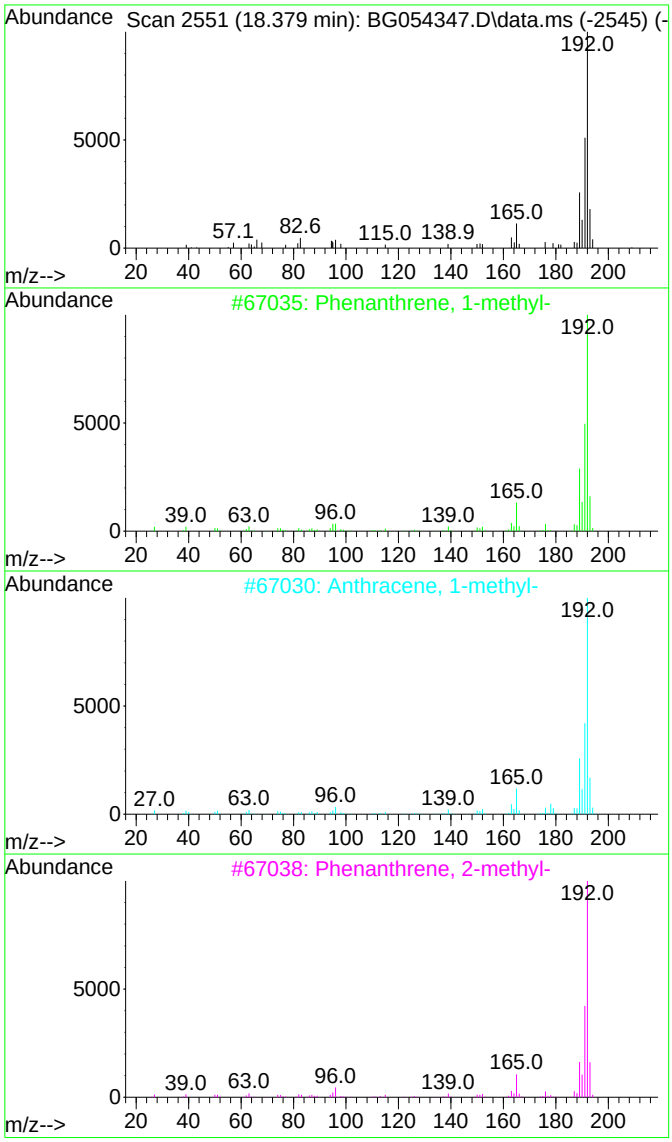
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

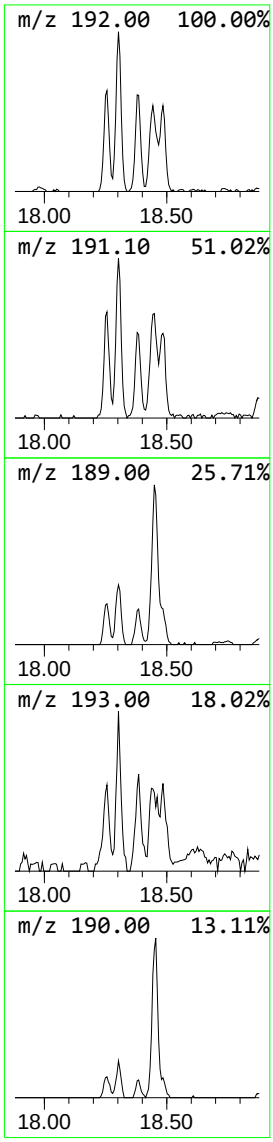
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.379	3.25 ng	52844	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054347.D
Acq On : 21 Jul 2022 16:20
Operator : CG/JU
Sample : N3810-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

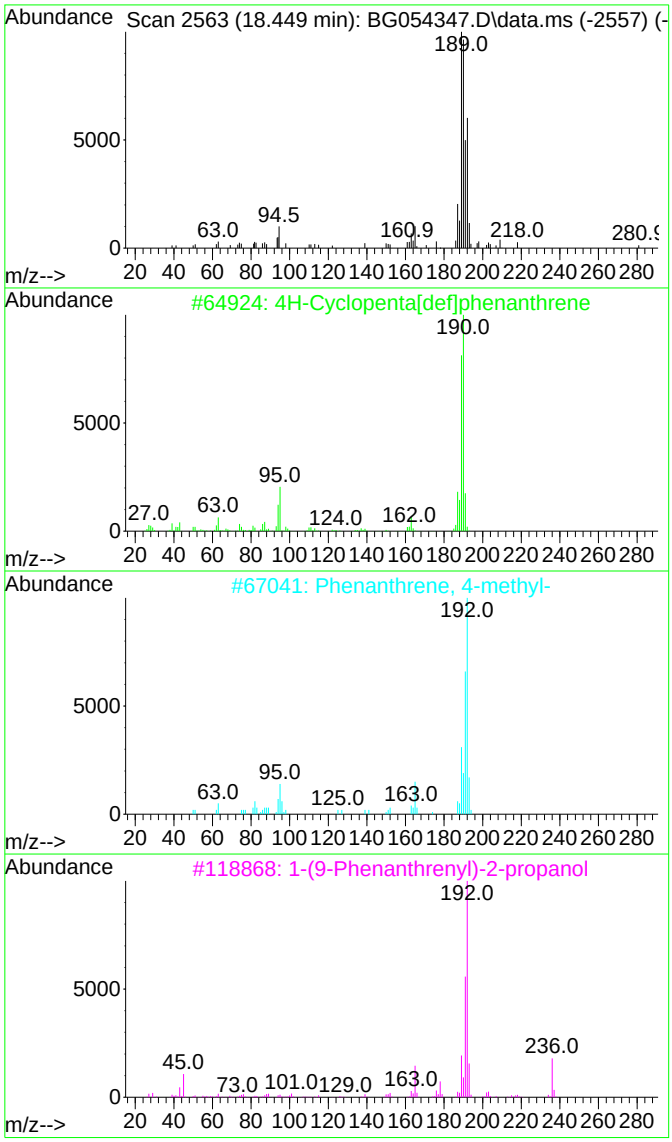
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

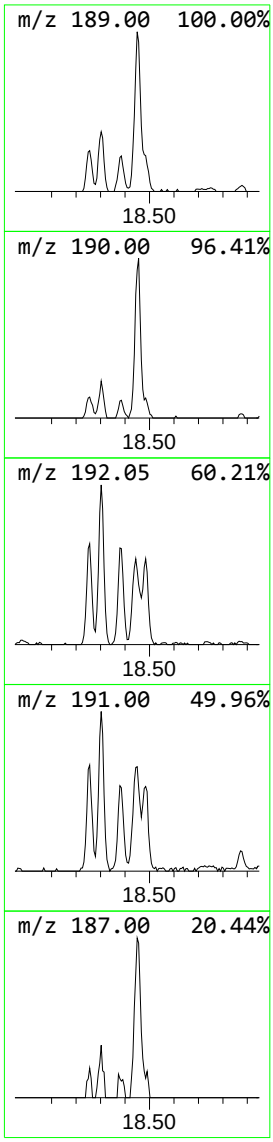
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.449	7.67 ng	124801	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
3	1-(9-Phenanthrenyl)-2-propanol	236	C17H16O	1000326-09-0	27
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054347.D
Acq On : 21 Jul 2022 16:20
Operator : CG/JU
Sample : N3810-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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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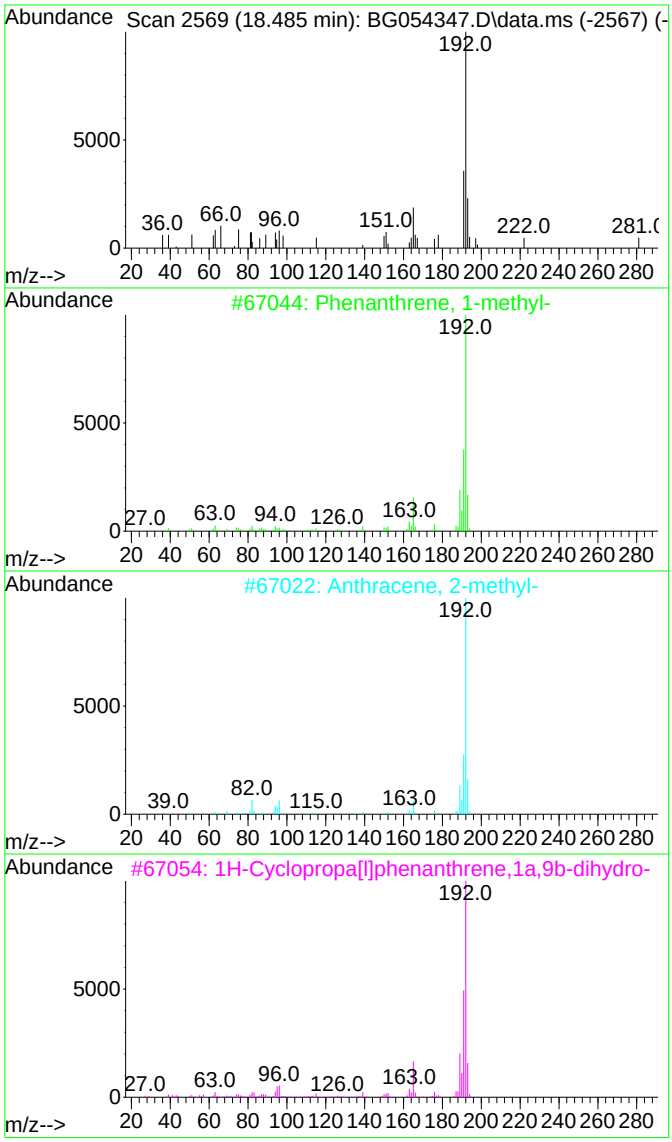
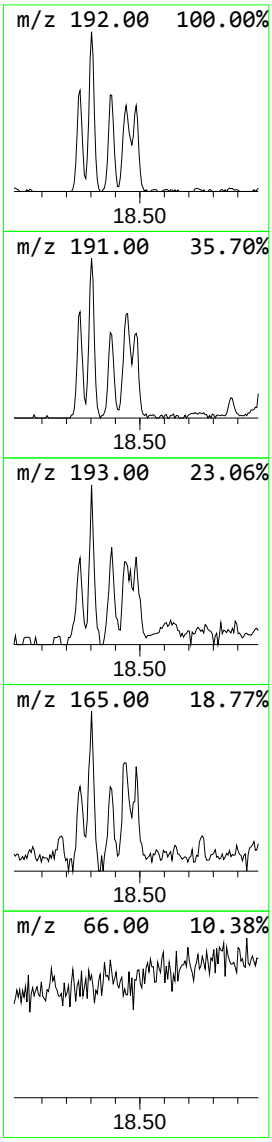
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.485	2.46 ng	40097	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	59
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	58
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054347.D
Acq On : 21 Jul 2022 16:20
Operator : CG/JU
Sample : N3810-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

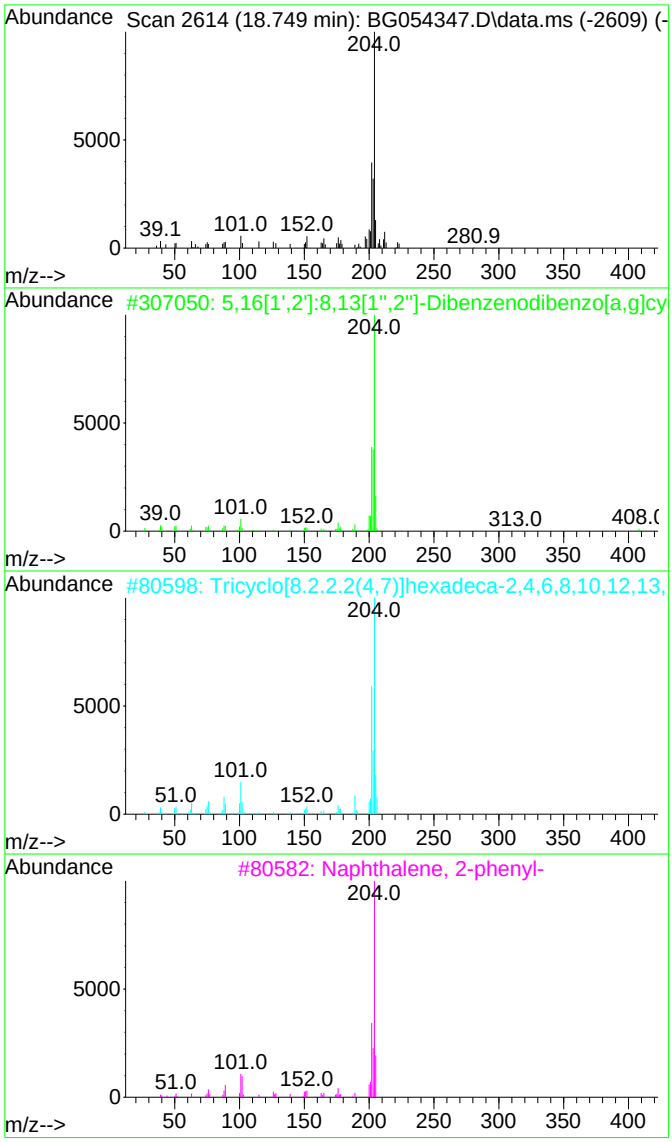
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

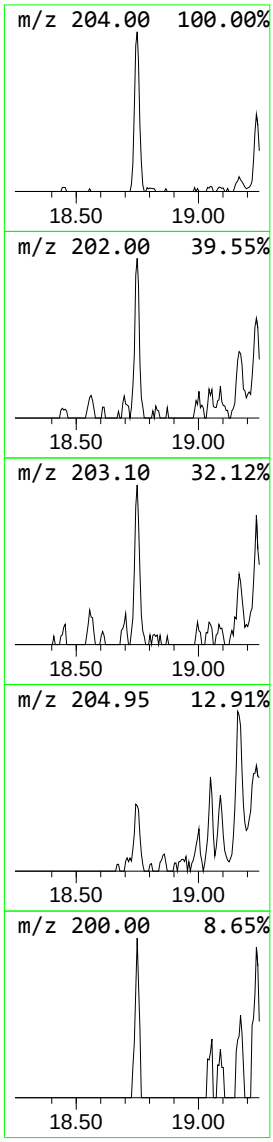
****

Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.749	2.72 ng	44229	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054347.D
Acq On : 21 Jul 2022 16:20
Operator : CG/JU
Sample : N3810-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

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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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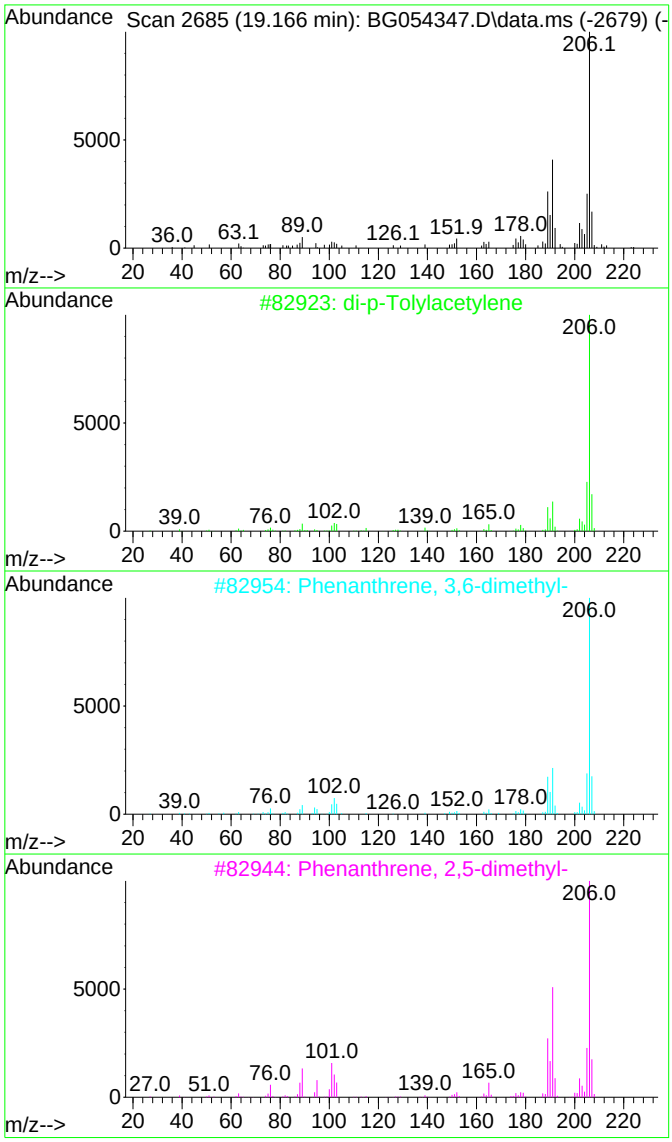
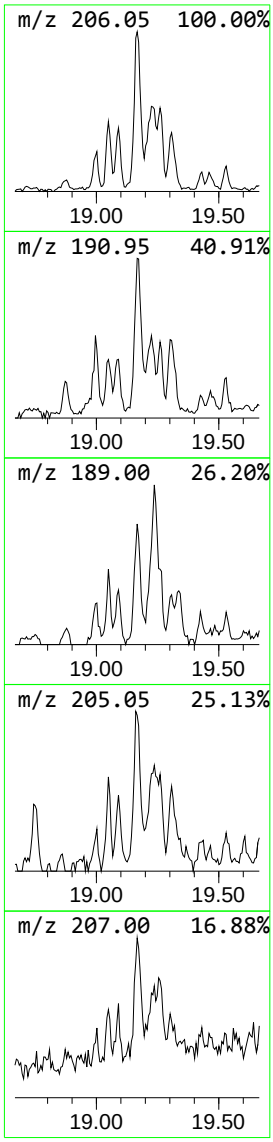
Peak Number 7 di-p-Tolylacetylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.166	5.59 ng	91080	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Acq On : 21 Jul 2022 16:20
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Sample : N3810-03
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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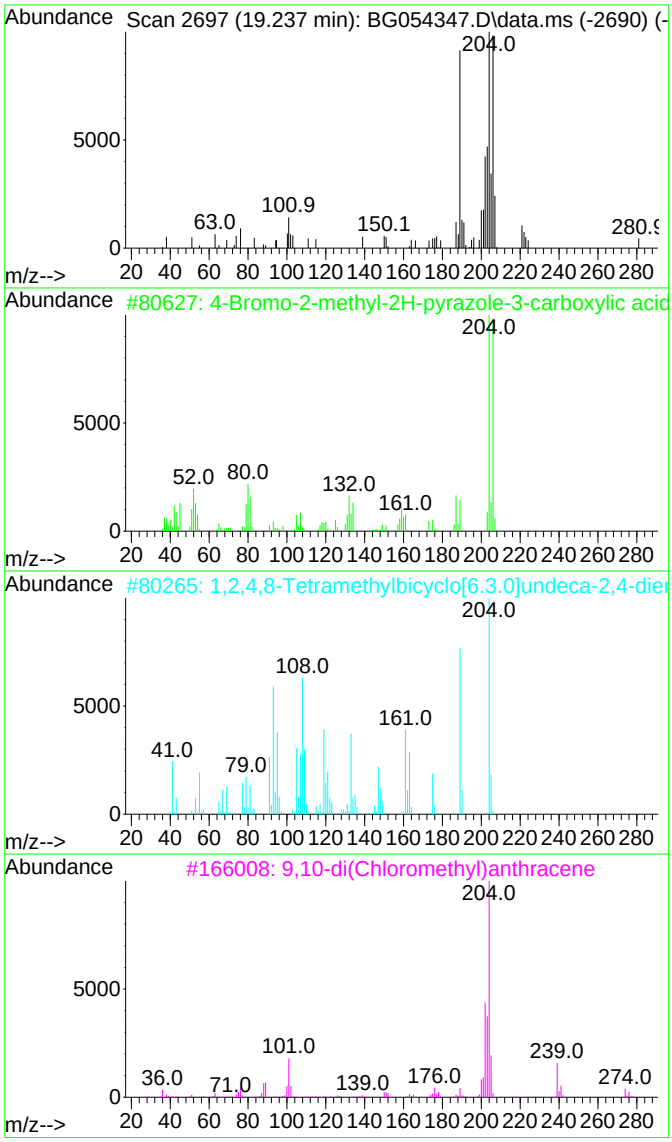
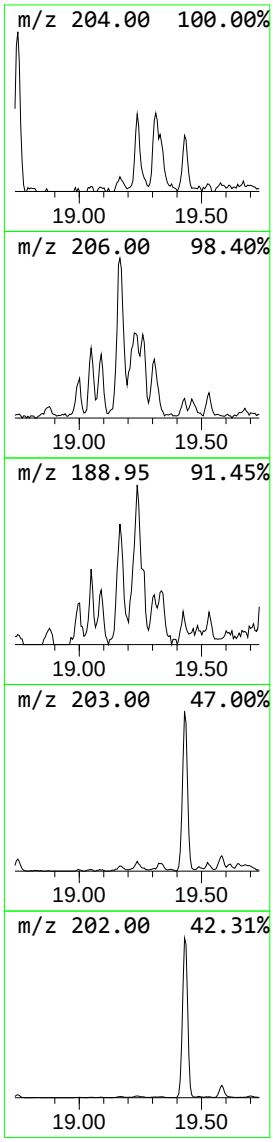
Peak Number 8 unknown19.237 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.237	3.14 ng	51152	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromo-2-methyl-2H-pyrazole-3-c...	204	C5H5BrN2O2	1000300-50-8	38
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	35
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	35
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	25





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Instrument :
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ClientSampleId :
COMP-3

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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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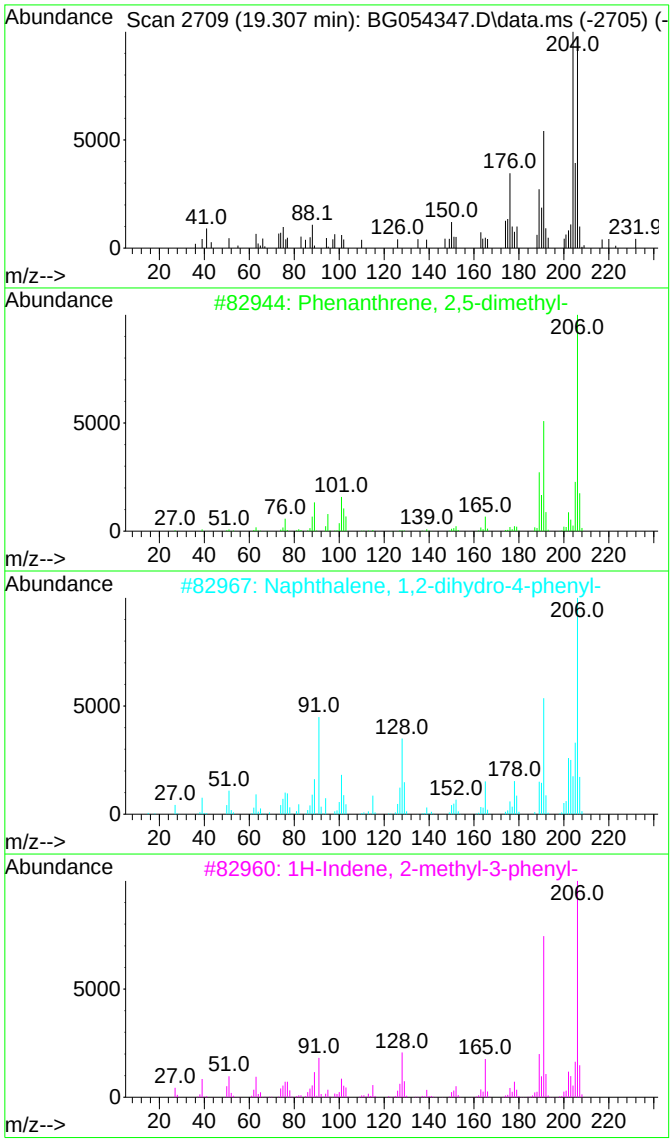
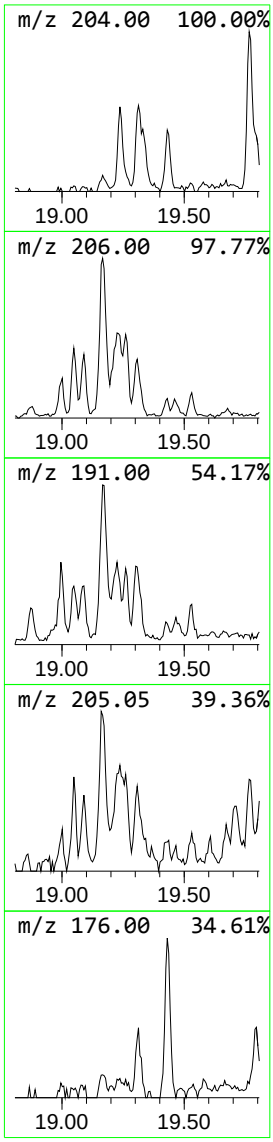
Peak Number 9 unknown19.307 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.307	3.58 ng	58301	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	46
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
5	Hydrazine, 4-bromo-2-fluorophenyl-	204	C6H6BrFN2	299440-17-8	43





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

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

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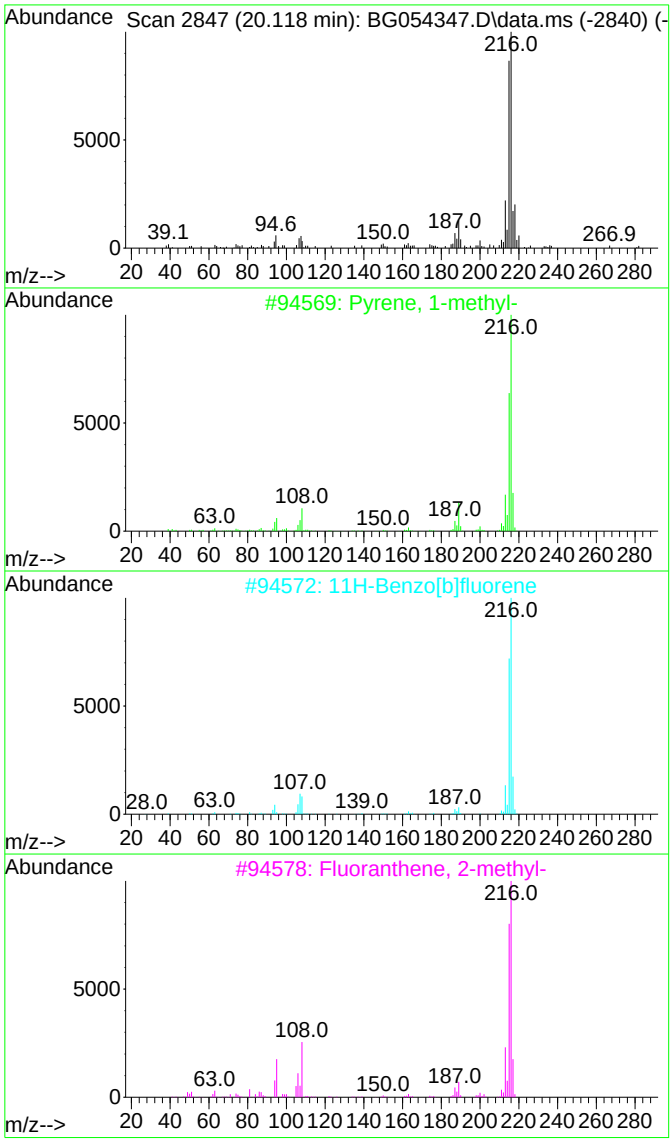
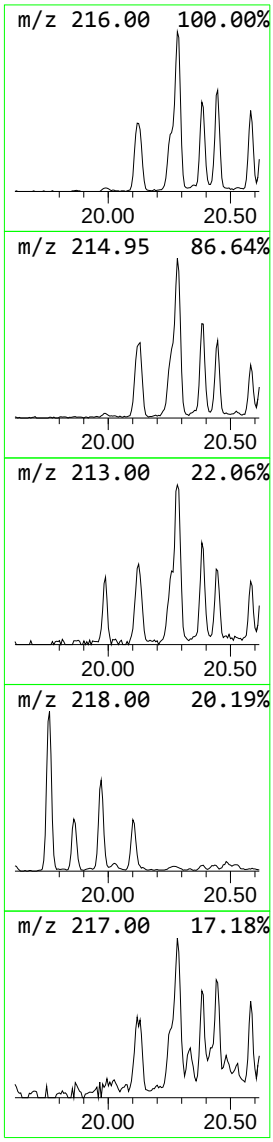
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.118	3.58 ng	186841	Chrysene-d12	21.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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Misc :
ALS Vial : 8 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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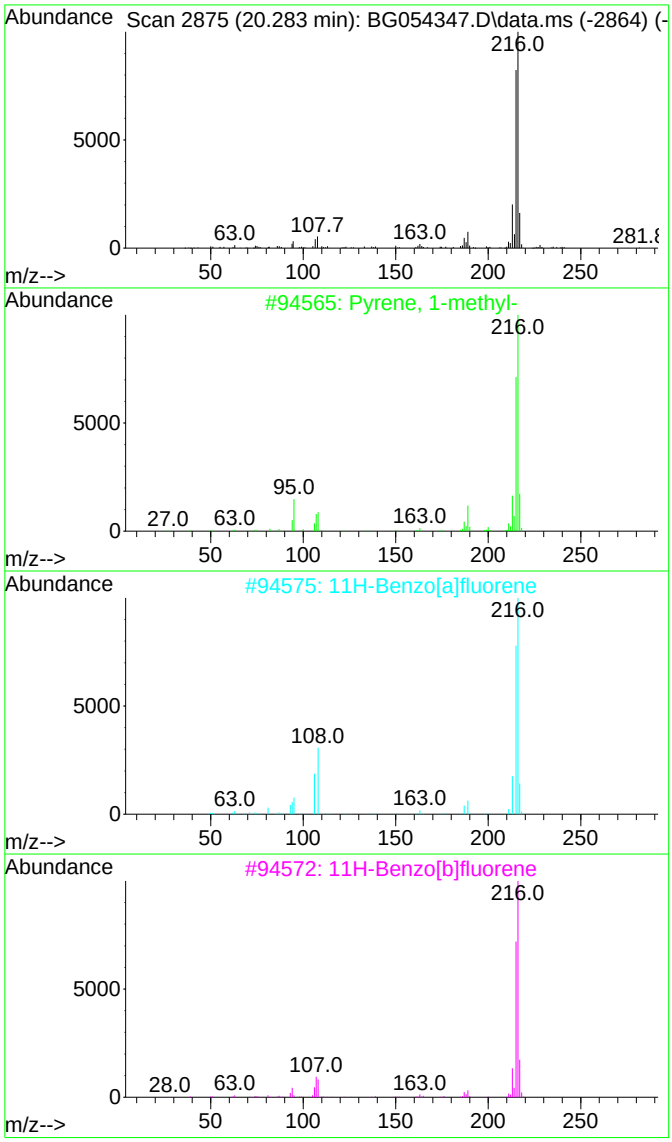
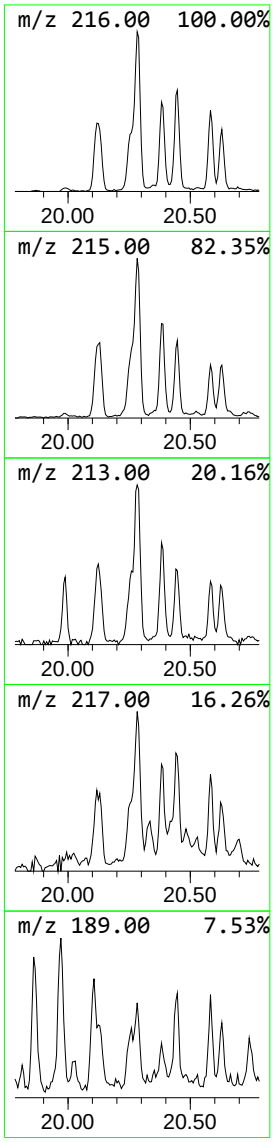
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.282	5.70 ng	297600	Chrysene-d12	21.646

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





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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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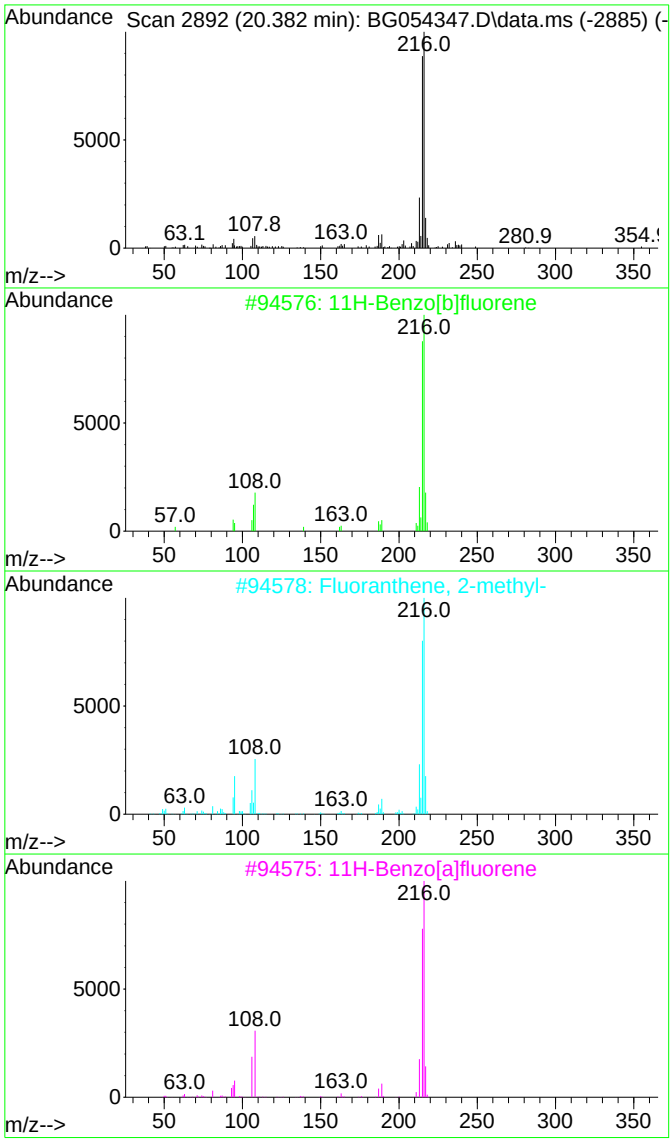
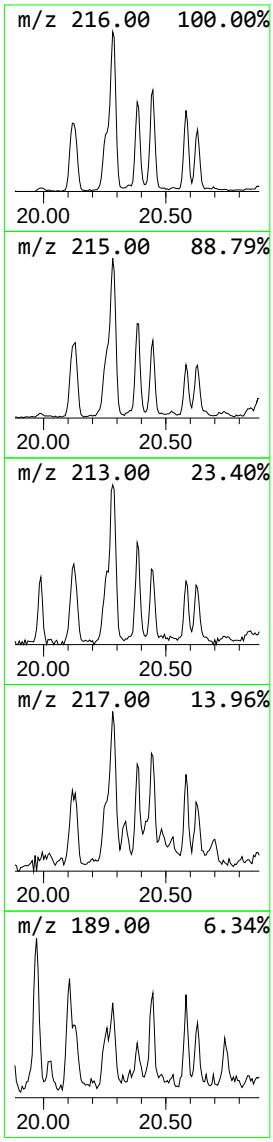
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.382	2.35 ng	122560	Chrysene-d12	21.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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ALS Vial : 8 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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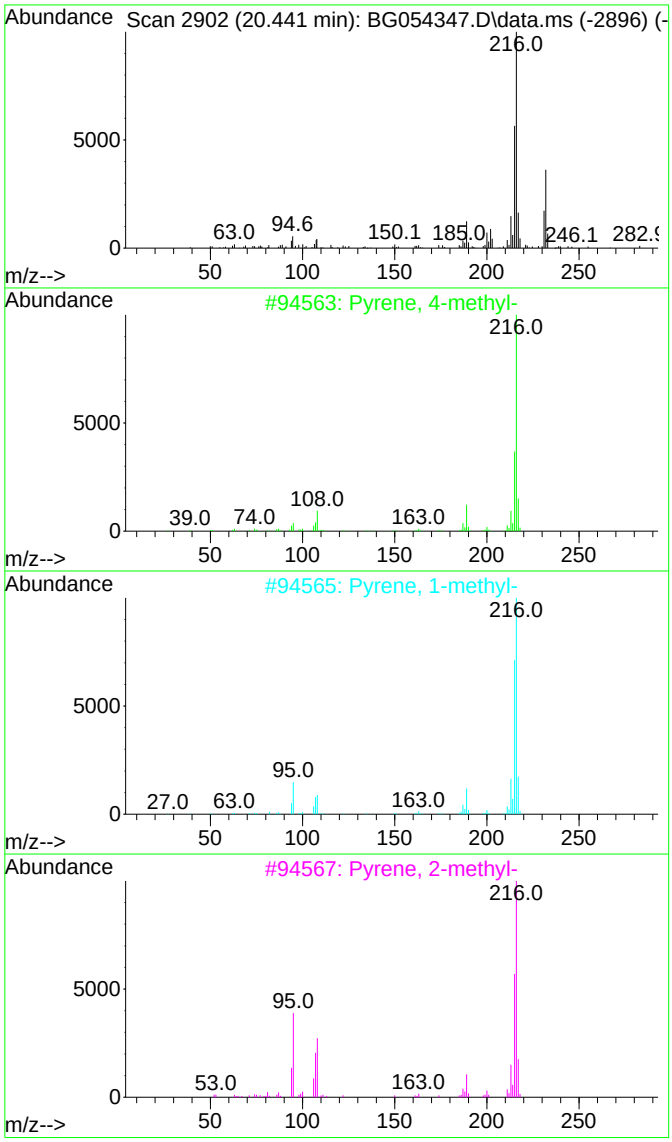
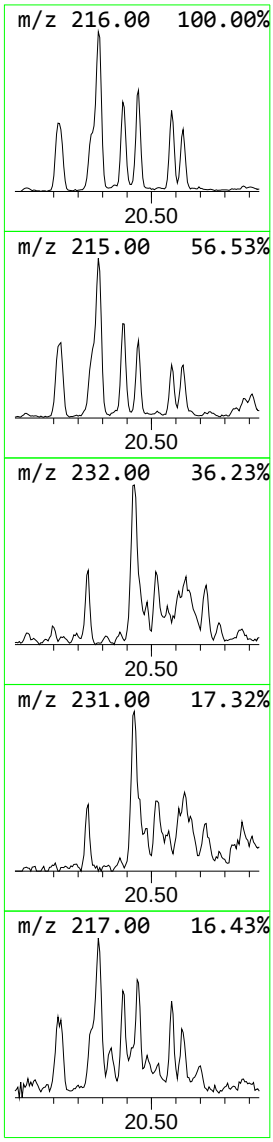
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.441	3.96 ng	206515	Chrysene-d12	21.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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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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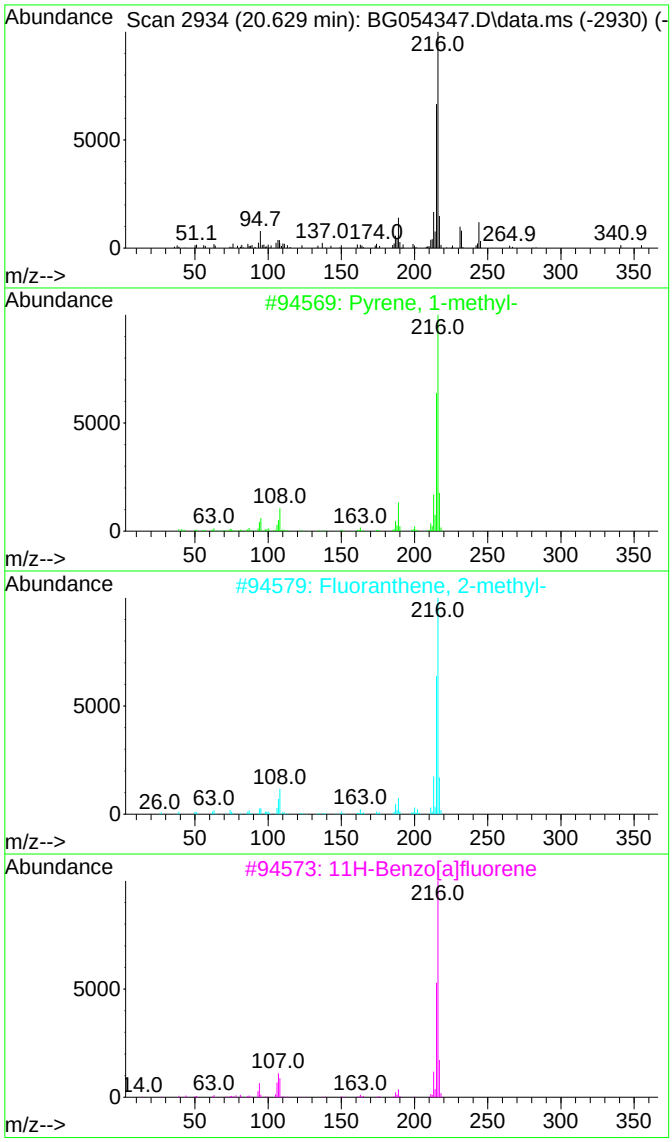
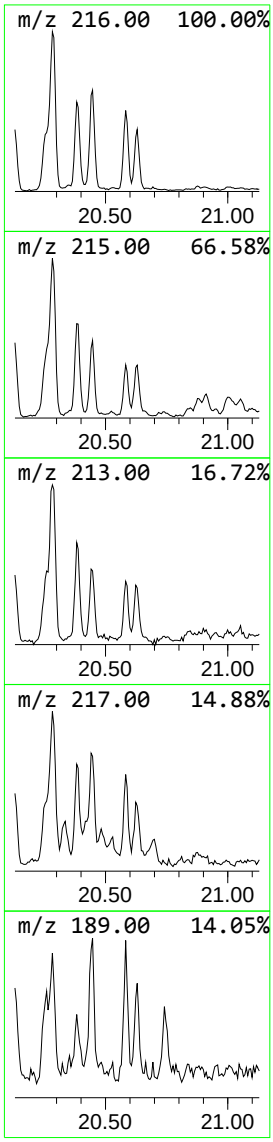
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.629	2.37 ng	123727	Chrysene-d12	21.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72





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ALS Vial : 8 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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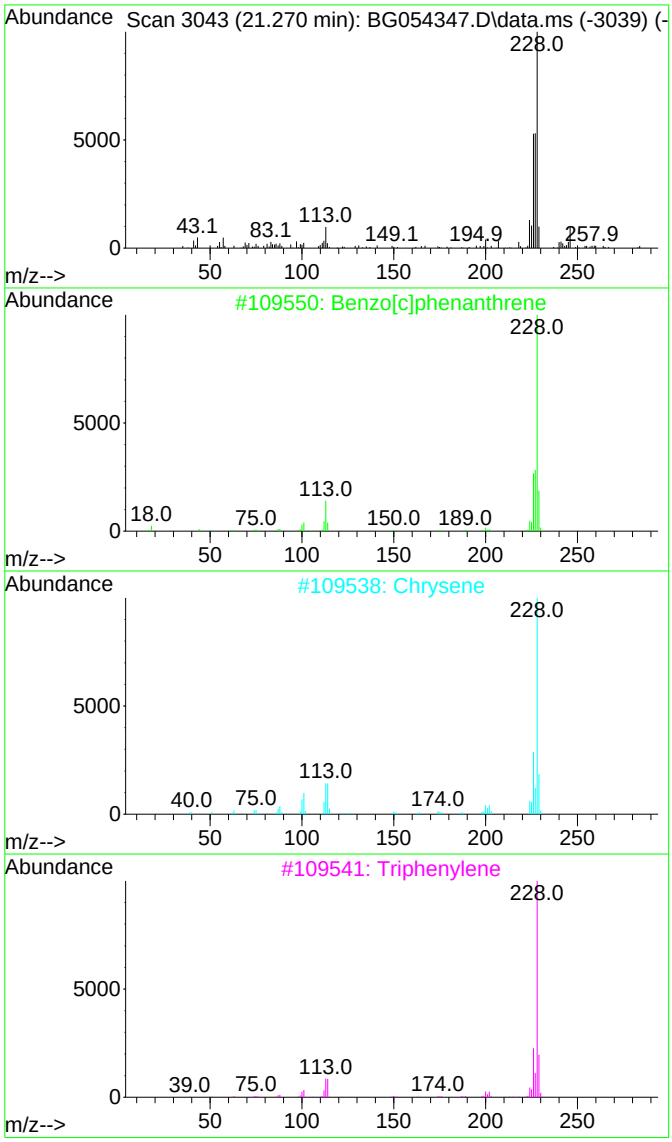
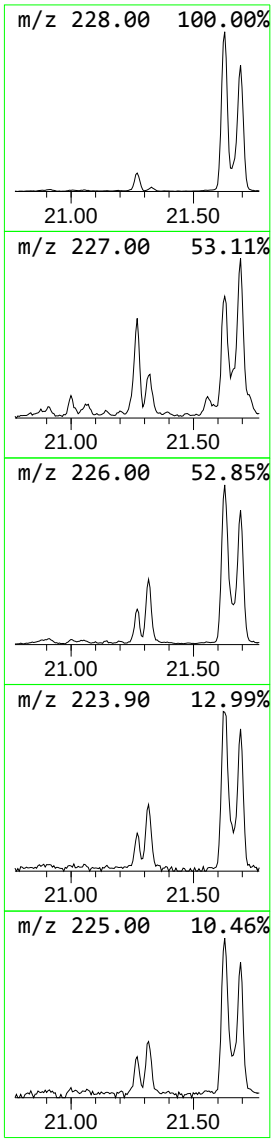
Peak Number 15 unknown21.270 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.270	2.11 ng	110043	Chrysene-d12	21.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
2	Chrysene	228	C18H12	000218-01-9	38
3	Triphenylene	228	C18H12	000217-59-4	38
4	Benz[a]anthracene	228	C18H12	000056-55-3	38
5	6-Bromo-1,2,3,4-tetrahydro-1,5-n...	226	C9H11BrN2	1000503-69-9	38





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ALS Vial : 8 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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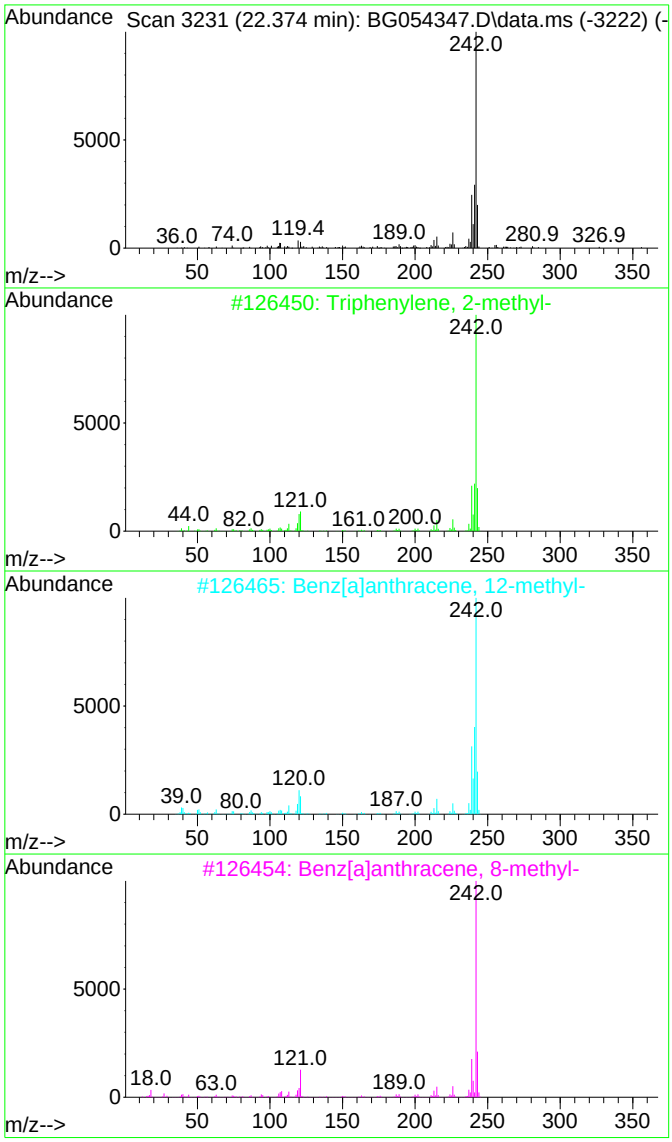
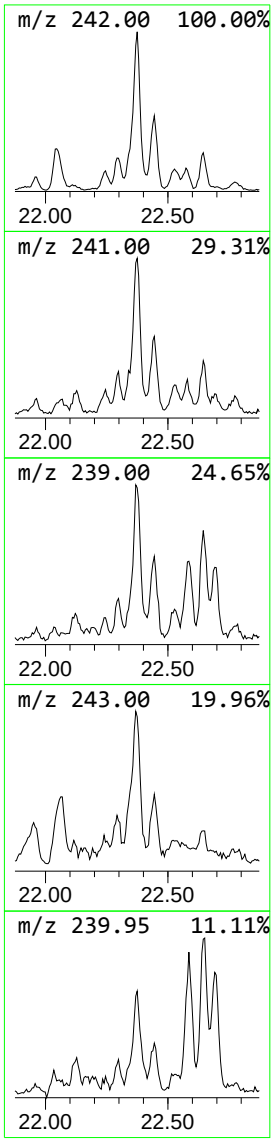
Peak Number 16 Triphenylene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.374	3.67 ng	191728	Chrysene-d12	21.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
2	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	93
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	92
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
5	2-Methylchrysene	242	C19H14	003351-32-4	90





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ClientSampleId :
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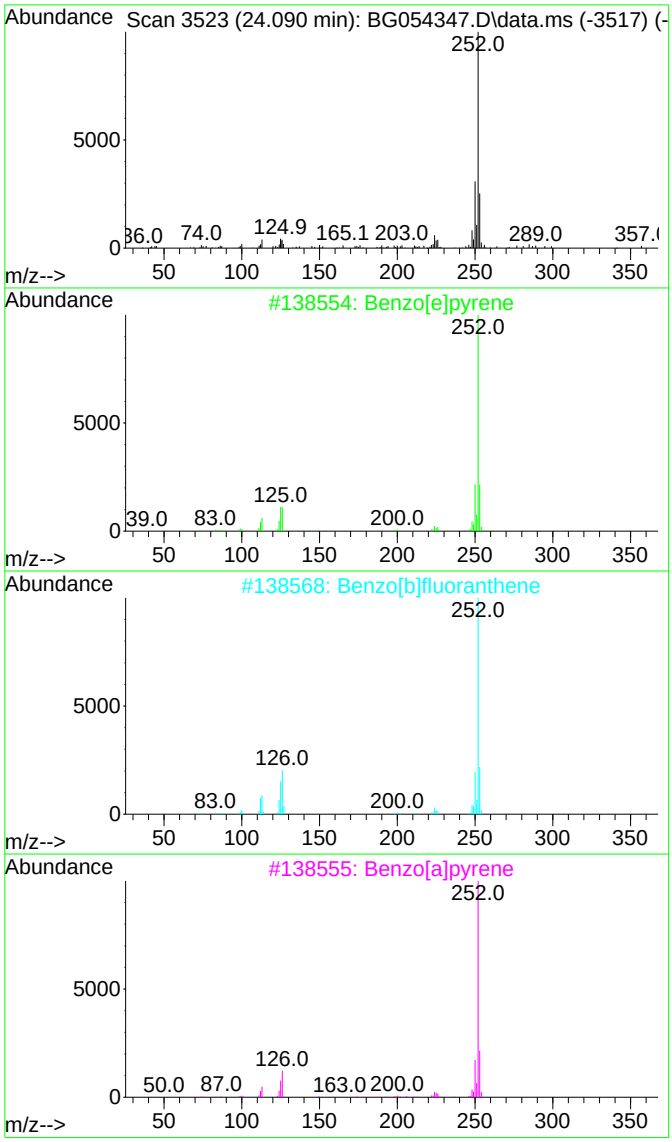
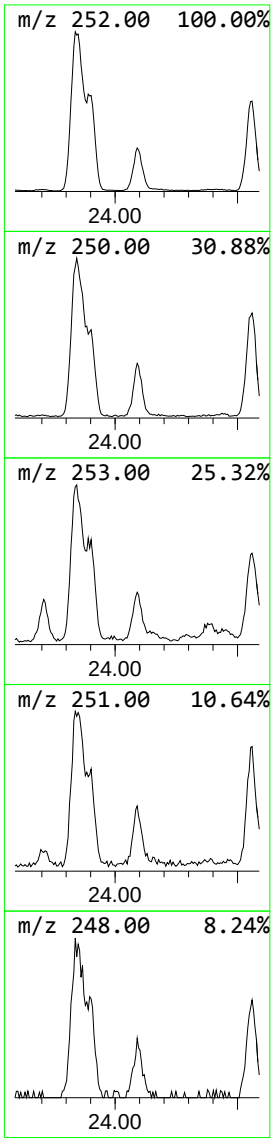
Peak Number 17 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.090	4.36 ng	102558	Perylene-d12	24.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	81
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	78
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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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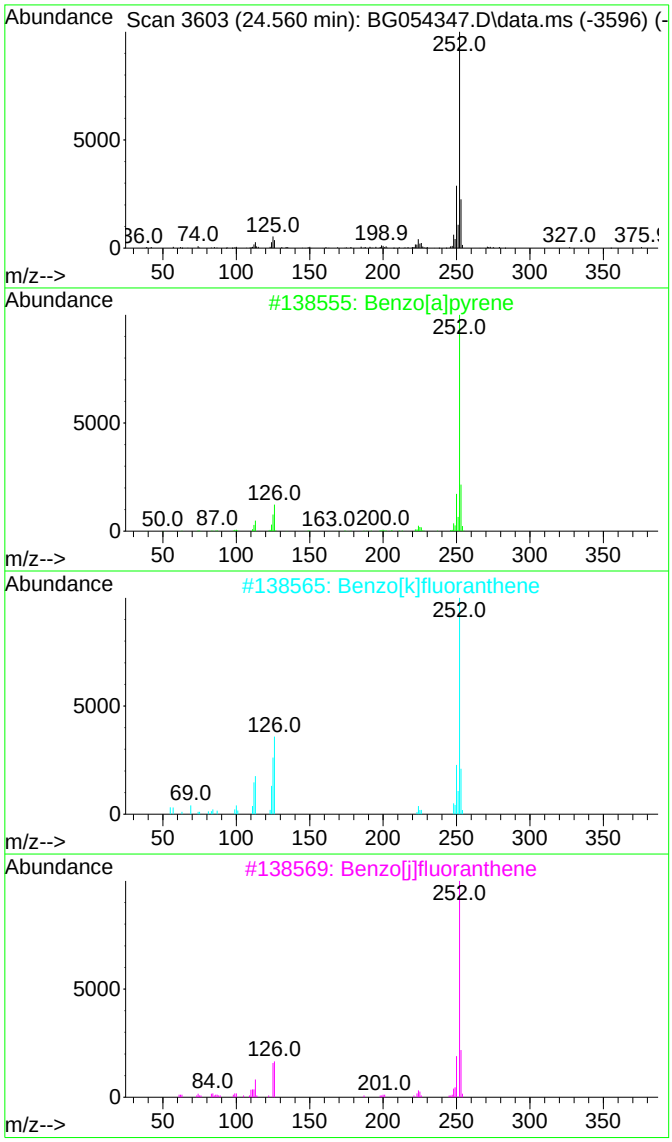
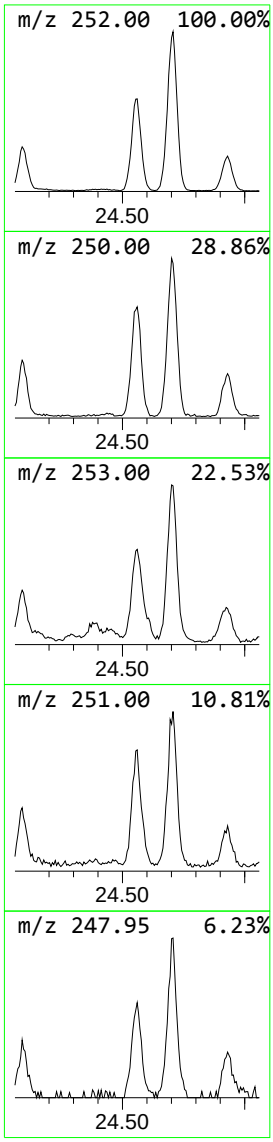
Peak Number 18 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.560	13.55 ng	318984	Perylene-d12	24.854

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	90
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[e]pyrene	252	C20H12	000192-97-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054347.D
Acq On : 21 Jul 2022 16:20
Operator : CG/JU
Sample : N3810-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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
Anthracene, 9-m...	18.256	4.7	ng	77016	4	17.380	325630	20.0
Phenanthrene, 2...	18.302	5.5	ng	88962	4	17.380	325630	20.0
Phenanthrene, 1...	18.379	3.3	ng	52844	4	17.380	325630	20.0
4H-Cyclopenta[d...	18.449	7.7	ng	124801	4	17.380	325630	20.0
Anthracene, 2-m...	18.485	2.5	ng	40097	4	17.380	325630	20.0
5,16[1',2']:8,1...	18.749	2.7	ng	44229	4	17.380	325630	20.0
di-p-Tolylacety...	19.166	5.6	ng	91080	4	17.380	325630	20.0
unknown19.237	19.237	3.1	ng	51152	4	17.380	325630	20.0
unknown19.307	19.307	3.6	ng	58301	4	17.380	325630	20.0
Pyrene, 1-methyl-	20.118	3.6	ng	186841	5	21.646	1043710	20.0
11H-Benzo[a]flu...	20.282	5.7	ng	297600	5	21.646	1043710	20.0
11H-Benzo[b]flu...	20.382	2.4	ng	122560	5	21.646	1043710	20.0
Pyrene, 4-methyl-	20.441	4.0	ng	206515	5	21.646	1043710	20.0
Fluoranthene, 2...	20.629	2.4	ng	123727	5	21.646	1043710	20.0
unknown21.270	21.270	2.1	ng	110043	5	21.646	1043710	20.0
Triphenylene, 2...	22.374	3.7	ng	191728	5	21.646	1043710	20.0
Benzo[e]pyrene	24.090	4.4	ng	102558	6	24.854	470831	20.0
Benzo[j]fluoran...	24.560	13.6	ng	318984	6	24.854	470831	20.0