LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060867.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.171	26	31	46	rVB	60353	107906	2.38%	0.201%
2	5.533	425	433	441	rBV	828461	1308229	28.81%	2.432%
3	7.114	694	702	713	rVB	911730	1521557	33.51%	2.828%
4	7.948	836	844	851	rBV	257731	439357	9.67%	0.817%
5	9.100	1032	1040	1049	rVB	563350	985533	21.70%	1.832%
6	10.745	1311	1320	1325	rBV	346038	615051	13.54%	1.143%
7	10.792	1325	1328	1335	rVB	65606	107414	2.37%	0.200%
8	12.402	1592	1602	1608	rBV	34140	58037	1.28%	0.108%
9	12.619	1634	1639	1646	rVB	28637	46478	1.02%	0.086%
10	13.201	1731	1738	1745	rBV	1189811	1815017	39.97%	3.374%
11	14.300	1918	1925	1938	rBV	40196	88083	1.94%	0.164%
12	14.576	1964	1972	1978	rBV	558540	873284	19.23%	1.623%
13	14.640	1978	1983	1989	rVB	177499	272593	6.00%	0.507%
14	14.975	2034	2040	2048	rVB	95471	158368	3.49%	0.294%
15	15.627	2144	2151	2157	rBV	169841	265630	5.85%	0.494%
16	15.921	2197	2201	2210	rVB	45050	74710	1.65%	0.139%
17	16.062	2218	2225	2234	rBV	1156641	1801051	39.66%	3.348%
18	16.303	2259	2266	2269	rBV7	33332	67675	1.49%	0.126%
19	16.861	2353	2361	2364	rBV5	28165	55167	1.21%	0.103%
20	16.973	2376	2380	2388	rVB	76414	128920	2.84%	0.240%
21	17.061	2389	2395	2400	rVV3	29618	71369	1.57%	0.133%
22	17.143	2404	2409	2419	rVB	87227	151731	3.34%	0.282%
23	17.325	2433	2440	2443	rBV	655839	1019886	22.46%	1.896%
24	17.372	2443	2448	2453	rVV	1747921	2637808	58.09%	4.903%
25	17.455	2453	2462	2467	rVV	360029	577587	12.72%	1.074%
26	17.513	2467	2472	2478	rVB	59346	104218	2.29%	0.194%
27	17.725	2498	2508	2513	rBV2	214733	406919	8.96%	0.756%
28	18.207	2584	2590	2592	rBV	172906	272988	6.01%	0.507%
29	18.248	2592	2597	2603	rVB2	285684	632668	13.93%	1.176%
30	18.330	2606	2611	2616	rVB2	73882	125590	2.77%	0.233%
31	18.395	2616	2622	2626	rBV2	329967	589791	12.99%	1.096%
32	18.436	2626	2629	2633	rVB	119461	161763	3.56%	0.301%
33	18.700	2669	2674	2677	rBV	159840	231438	5.10%	0.430%
34	18.735	2677	2680	2686	rVB	183663	265077	5.84%	0.493%
35	18.947	2713	2716	2720	rBV2	47581	58548	1.29%	0.109%
36	19.000	2722	2725	2728	rVV	47587	61445	1.35%	0.114%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.035	2728	2731	2735	rVB2	47245	63970	1.41%	0.119%
38	19.117	2740	2745	2750	rBV2	127212	216977	4.78%	0.403%
39	19.176	2750	2755	2759	rVV3	67752	134892	2.97%	0.251%
40	19.211	2759	2761	2764	rVV3	43689	47067	1.04%	0.087%
41	19.258	2764	2769	2776	rVV	110124	186727	4.11%	0.347%
42	19.382	2784	2790	2796	rVB	3008168	4457766	98.16%	8.286%
43	19.576	2819	2823	2827	rBV3	43817	76813	1.69%	0.143%
44	19.623	2827	2831	2835	rVV	84496	109262	2.41%	0.203%
45	19.746	2841	2852	2859	rBV	2527994	4541203	100.00%	8.441%
46	19.811	2859	2863	2871	rVB2	133333	240890	5.30%	0.448%
47	19.946	2877	2886	2890	rBV	1790480	2583031	56.88%	4.801%
48	20.063	2901	2906	2912	rBV2	170294	443260	9.76%	0.824%
49	20.204	2926	2930	2931	rBV2	98460	135915	2.99%	0.253%
50	20.240	2932	2936	2940	rVB2	419818	597647	13.16%	1.111%
51	20.275	2940	2942	2946	rVB4	49076	49473	1.09%	0.092%
52	20.339	2948	2953	2956	rBV	331881	447038	9.84%	0.831%
53	20.392	2957	2962	2966	rVV2	238168	393336	8.66%	0.731%
54	20.434	2966	2969	2972	rVB	95941	109837	2.42%	0.204%
55	20.533	2983	2986	2990	rBV	121474	129992	2.86%	0.242%
56	20.580	2990	2994	2999	rBV4	113940	172885	3.81%	0.321%
57	20.992	3060	3064	3071	rVB	220989	367814	8.10%	0.684%
58	21.174	3089	3095	3099	rBV2	223165	440565	9.70%	0.819%
59	21.215	3099	3102	3106	rVV	241396	339089	7.47%	0.630%
60	21.262	3106	3110	3115	rVV3	374024	715645	15.76%	1.330%
61	21.321	3116	3120	3130	rVB2	258006	455146	10.02%	0.846%
62	21.573	3157	3163	3170	rBV3	1736563	3913026	86.17%	7.273%
63	21.638	3170	3174	3184	rVB	1352512	2269813	49.98%	4.219%
64	21.785	3194	3199	3203	rBV	260347	427218	9.41%	0.794%
65	21.985	3228	3233	3240	rBV2	202970	393445	8.66%	0.731%
66	22.378	3296	3300	3305	rVB4	148920	241664	5.32%	0.449%
67	23.747	3523	3533	3540	rBV	1095571	3667060	80.75%	6.816%
68	23.988	3569	3574	3584	rVB	218003	495553	10.91%	0.921%
69	24.441	3644	3651	3664	rVB	592889	1691189	37.24%	3.143%
70	24.587	3668	3676	3690	rVB	862175	2380826	52.43%	4.425%
71	24.728	3693	3700	3707	rBV2	393325	1076202	23.70%	2.000%
72	28.301	4300	4308	4330	rVB3	341859	1628711	35.87%	3.027%

Sum of corrected areas: 53799833

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
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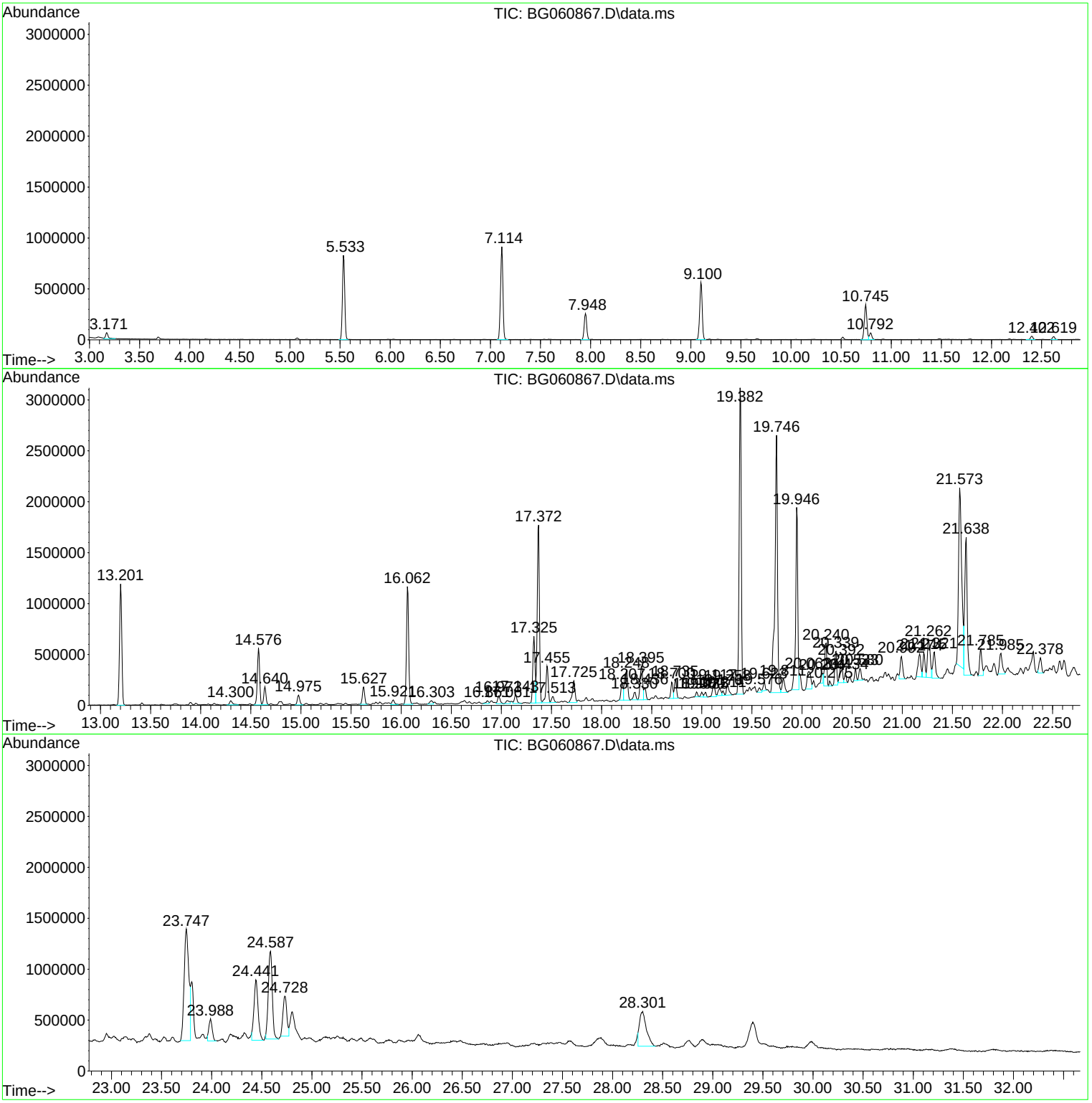
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

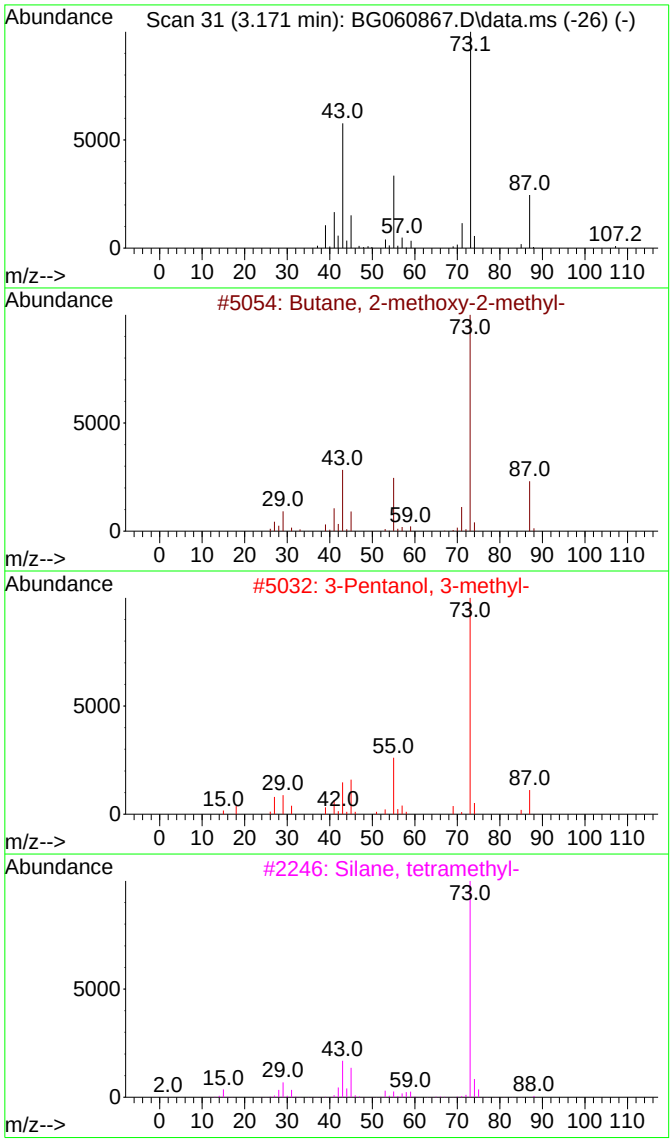
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

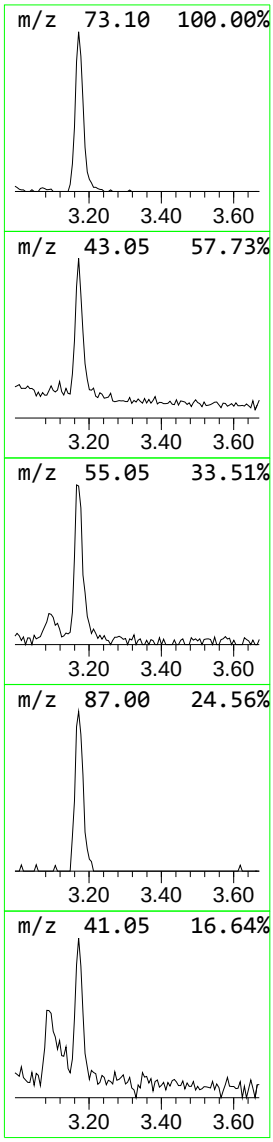
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.171	4.91 ng	107906	1,4-Dichlorobenzene-d4	7.954

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	Acetamide, N-(2-hydroxy-3-penten...	143	C7H13NO2	093393-95-4	28
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

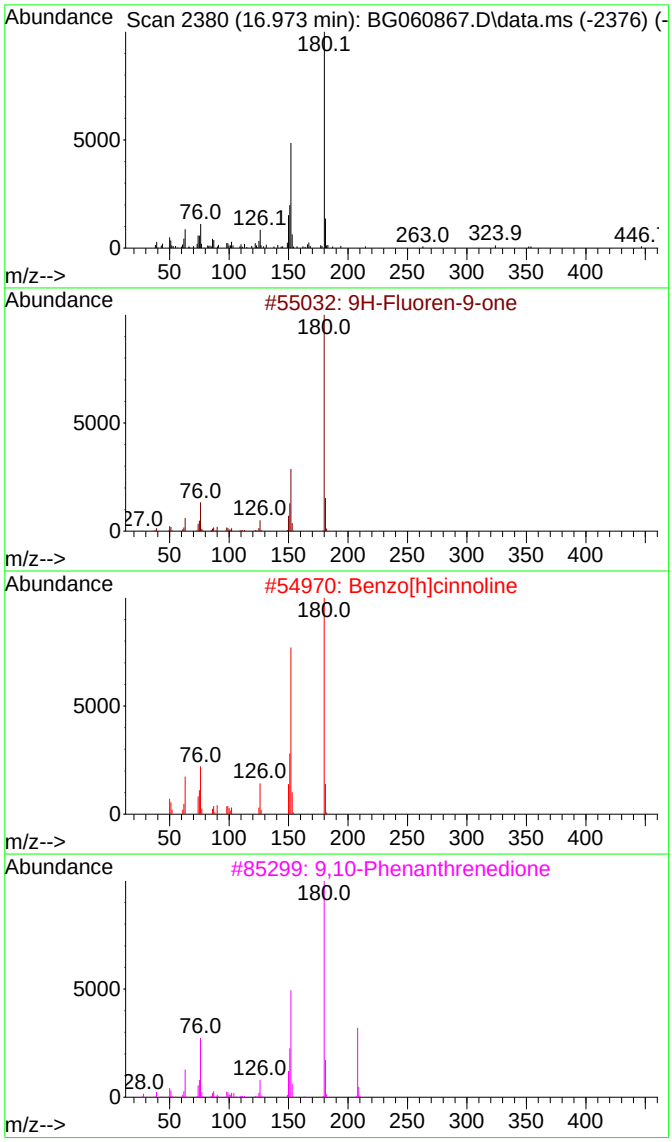
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

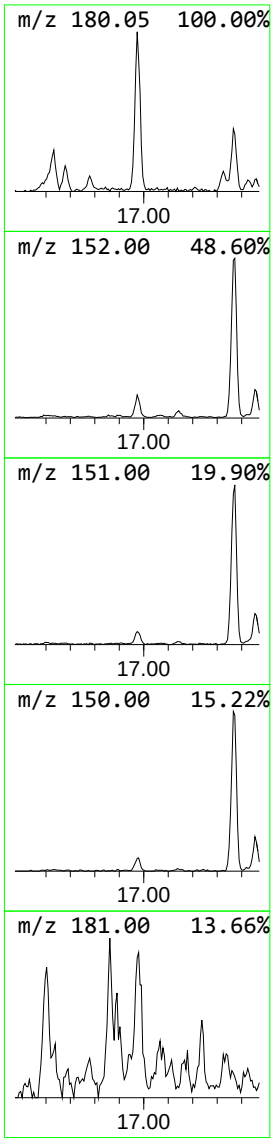
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.973	2.53 ng	128920	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	94
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

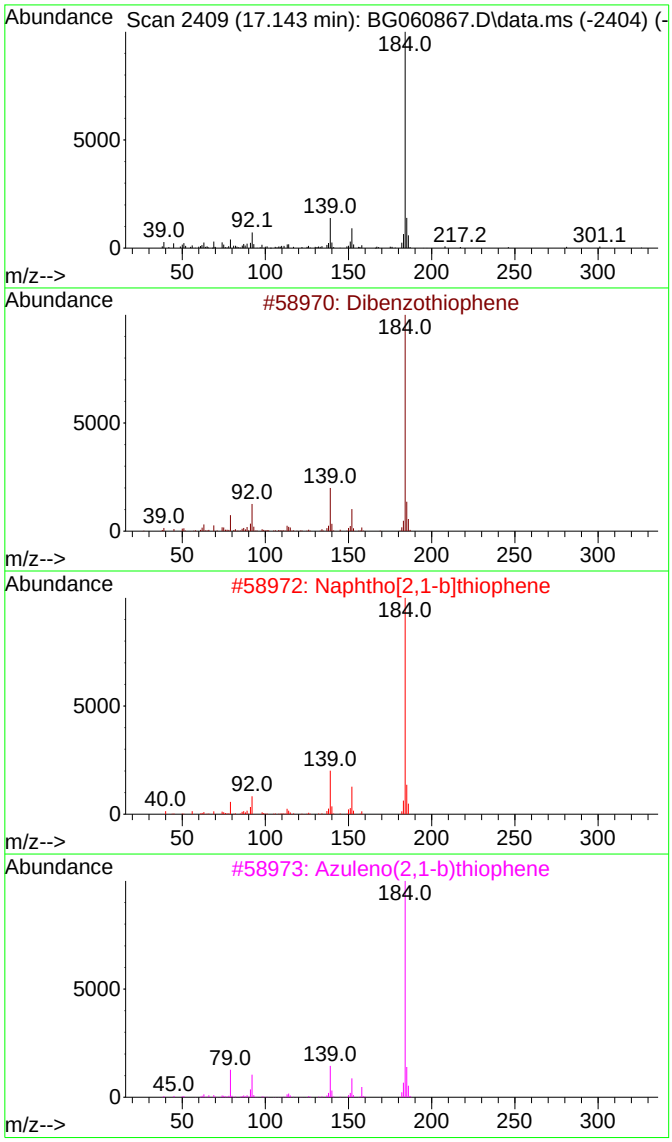
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

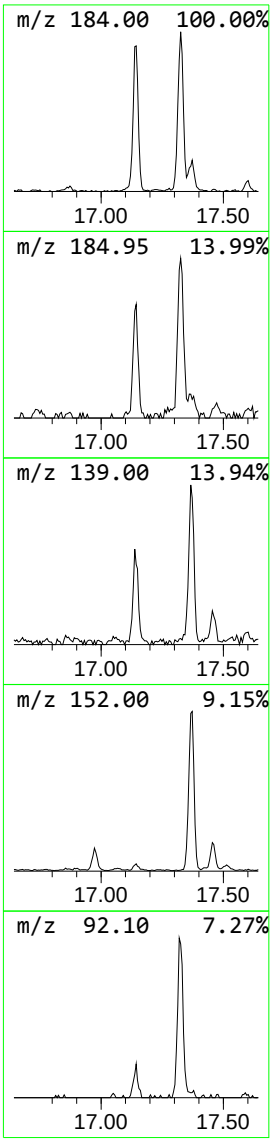
****

Peak Number 3 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.143	2.98 ng	151731	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

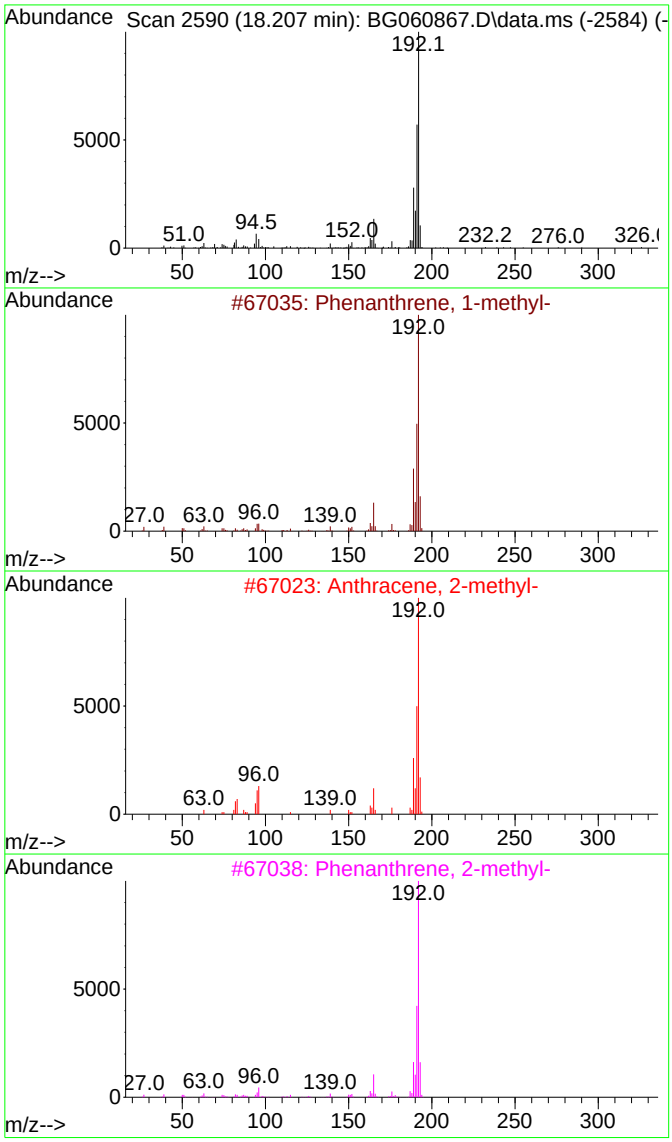
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

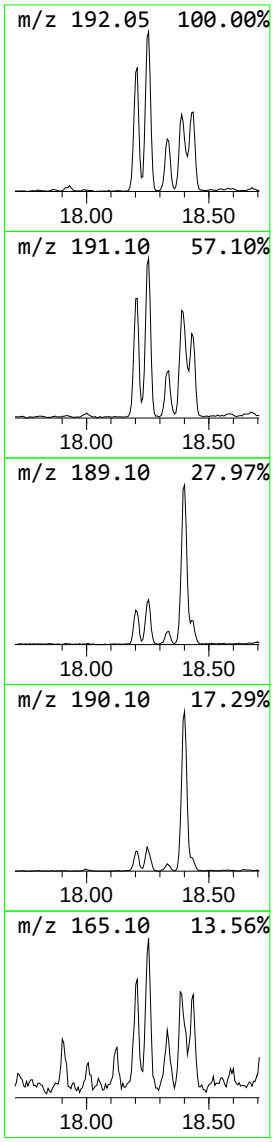
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.207	5.35 ng	272988	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

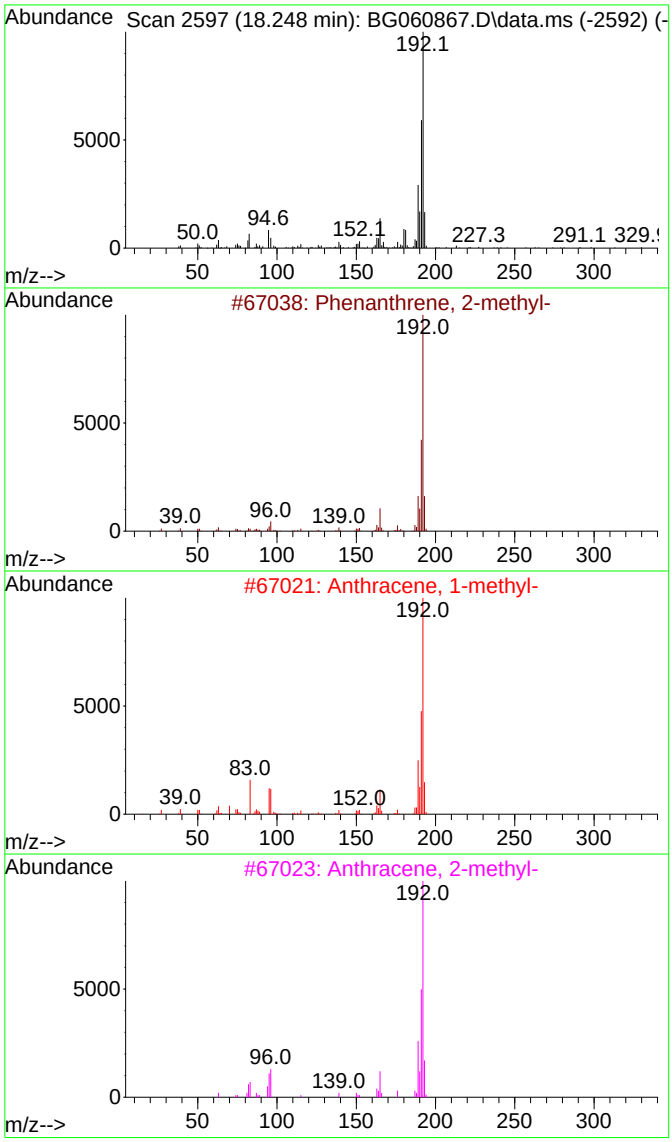
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

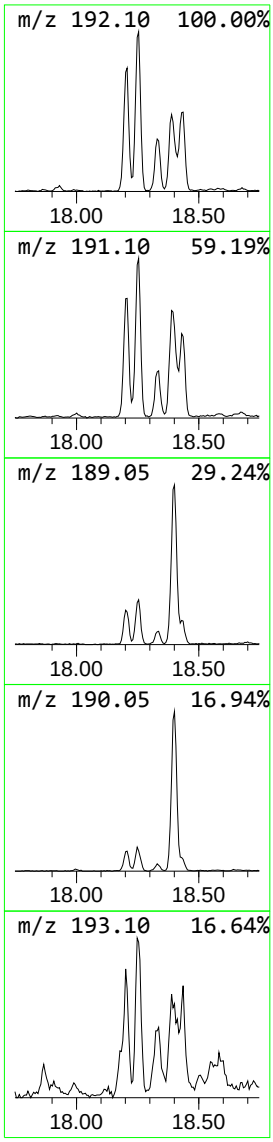
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.248	12.41 ng	632668	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

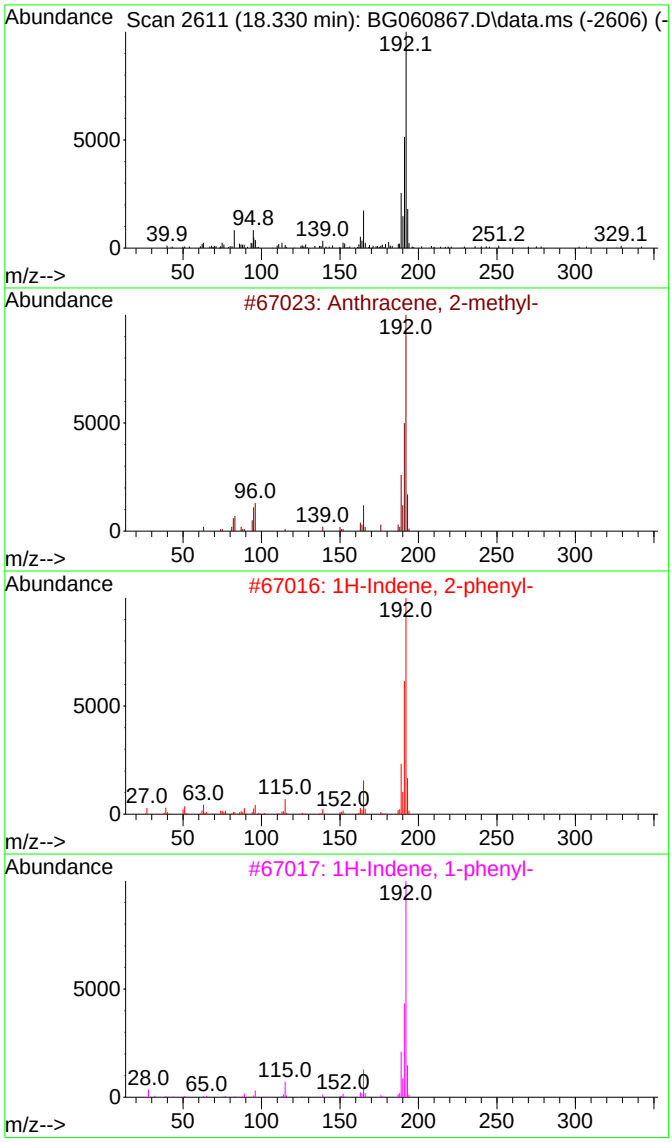
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

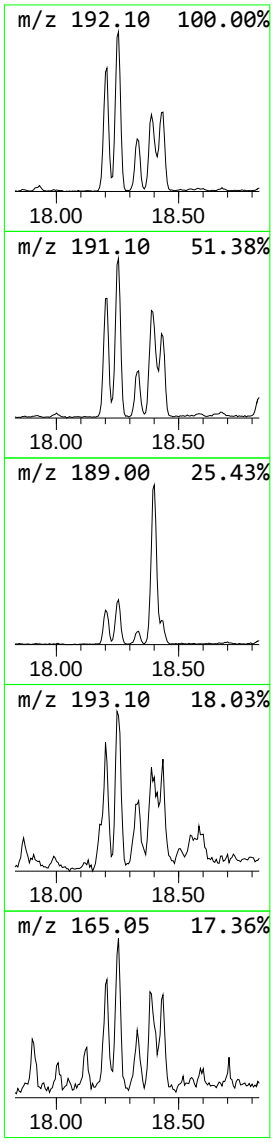
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.330	2.46 ng	125590	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

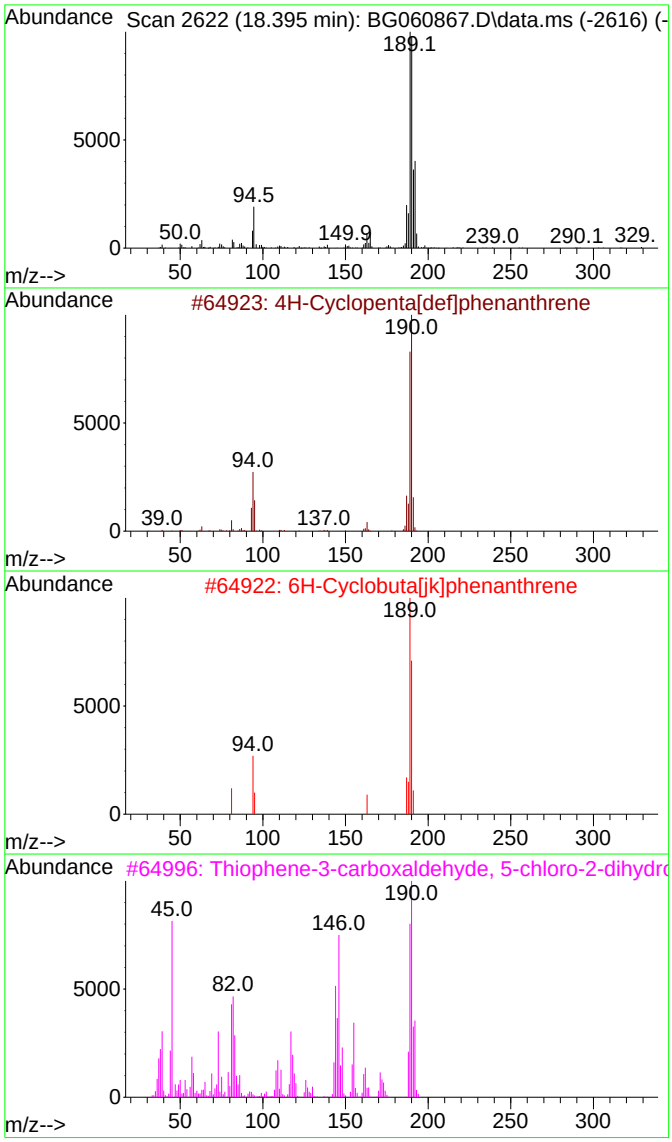
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

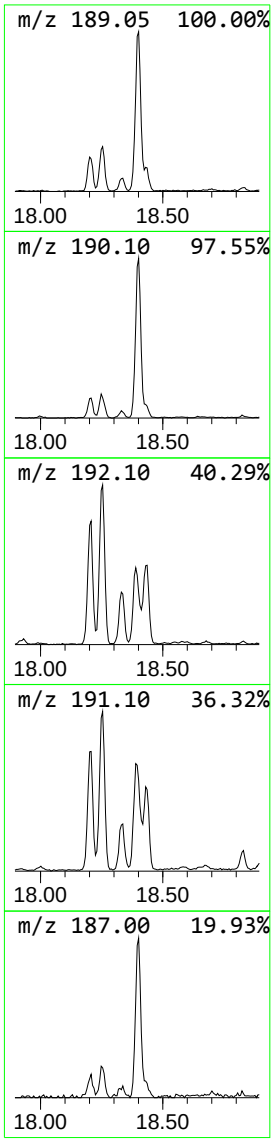
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.395	11.57 ng	589791	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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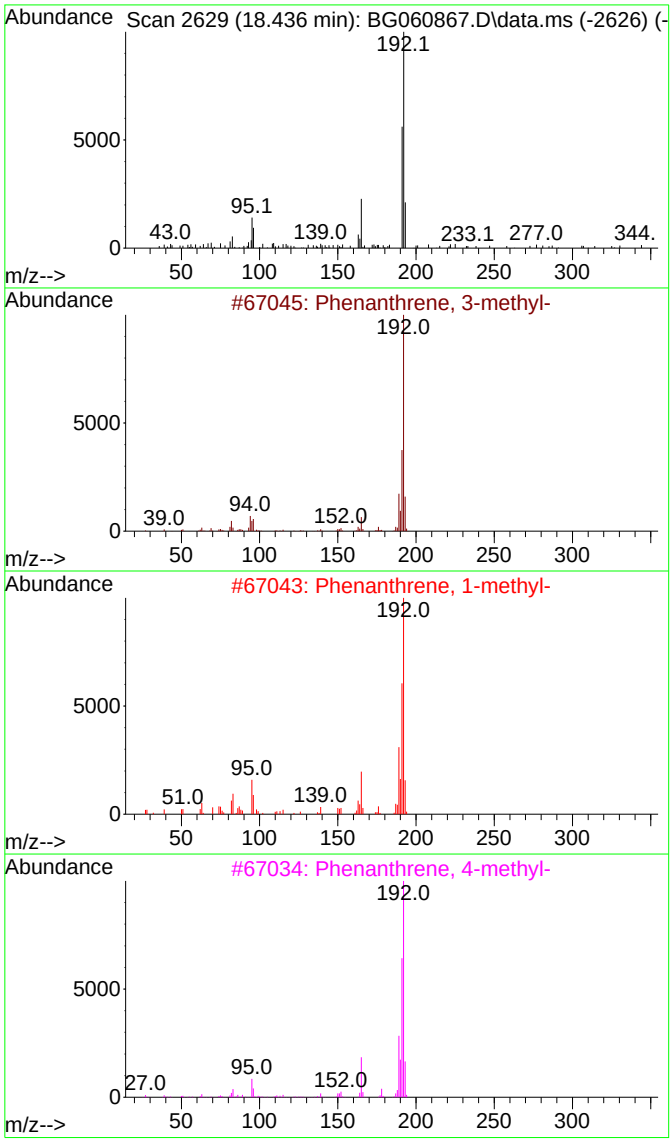
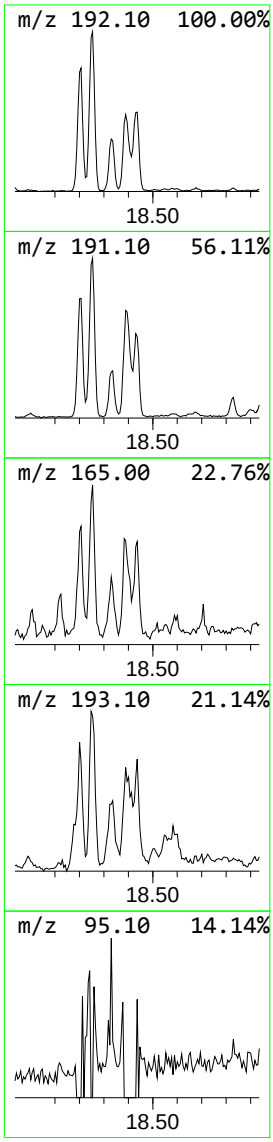
Peak Number 8 Phenanthrene, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.436	3.17 ng	161763	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	86





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Misc :
ALS Vial : 12 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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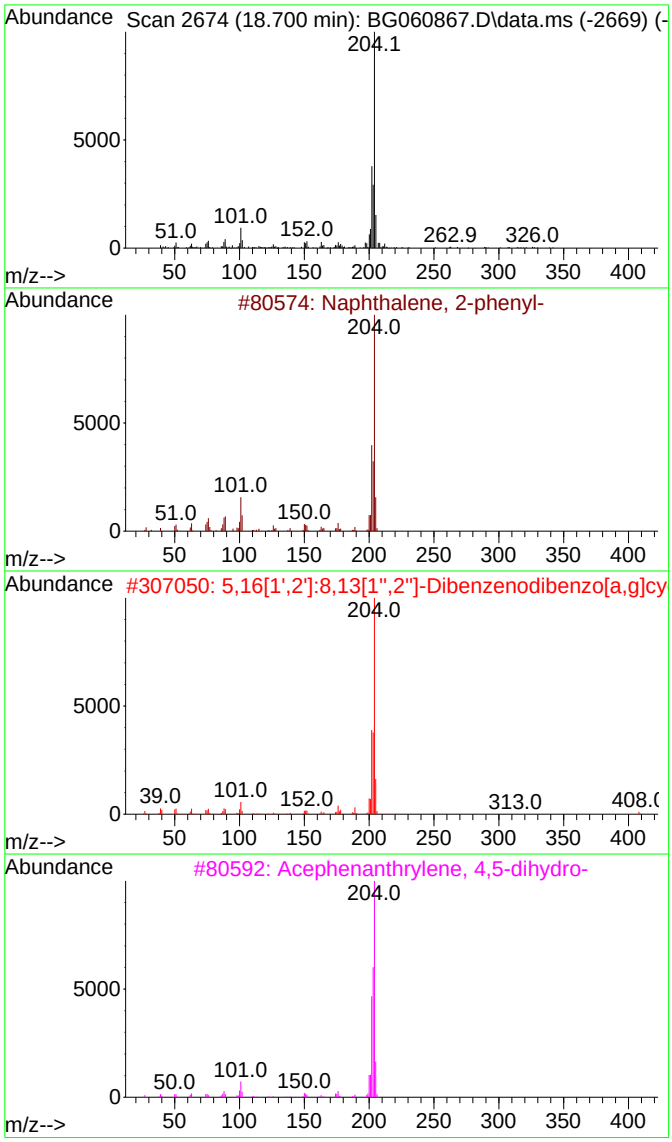
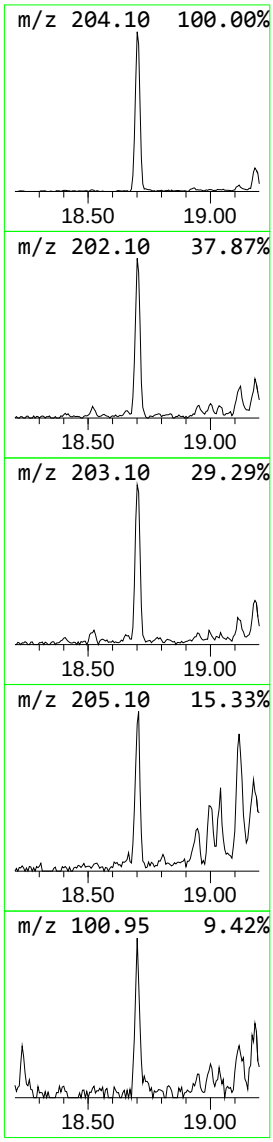
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.700	4.54 ng	231438	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	64
4	Anthracene, 9,10-bis(O-anisyloxy...	450	C30H26O4	1000154-05-7	64
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	58





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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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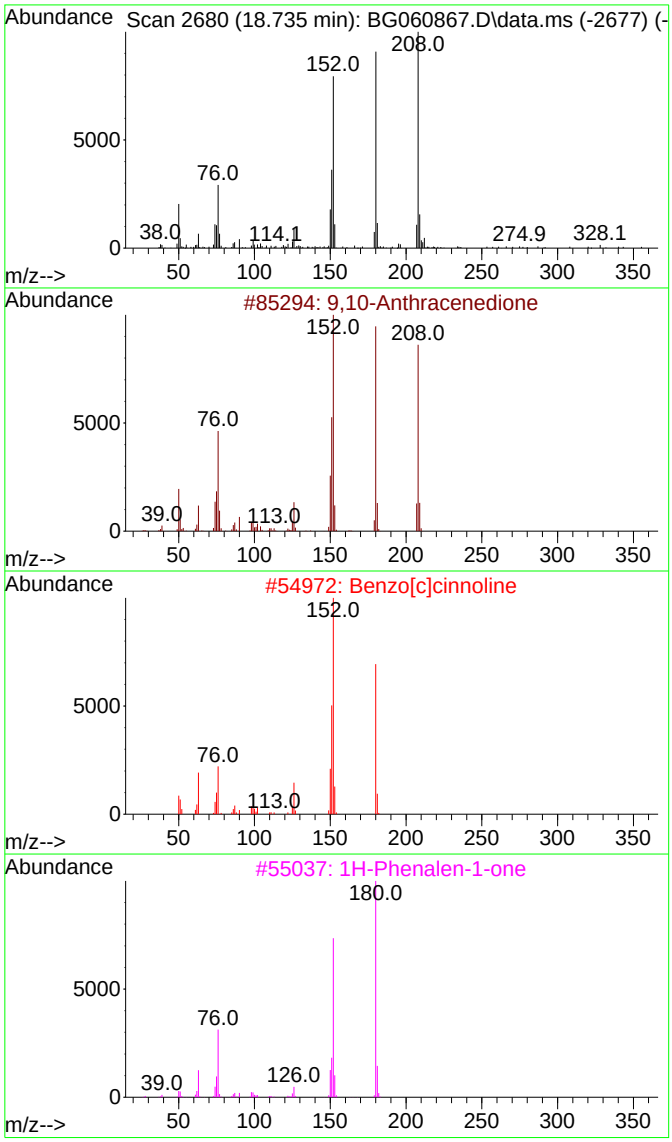
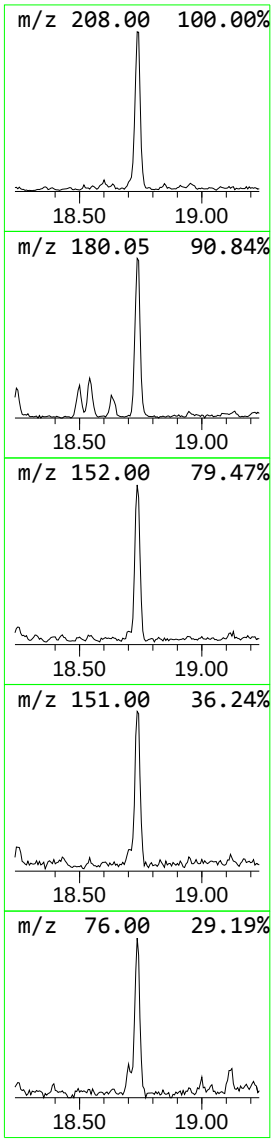
Peak Number 10 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.735	5.20 ng	265077	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	50





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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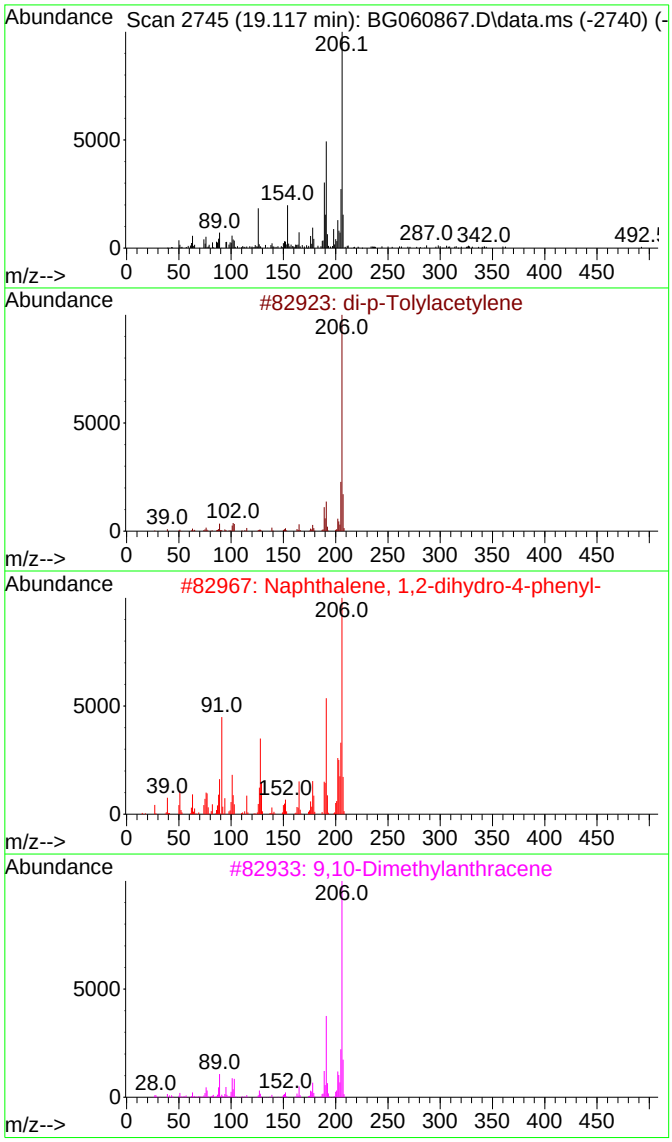
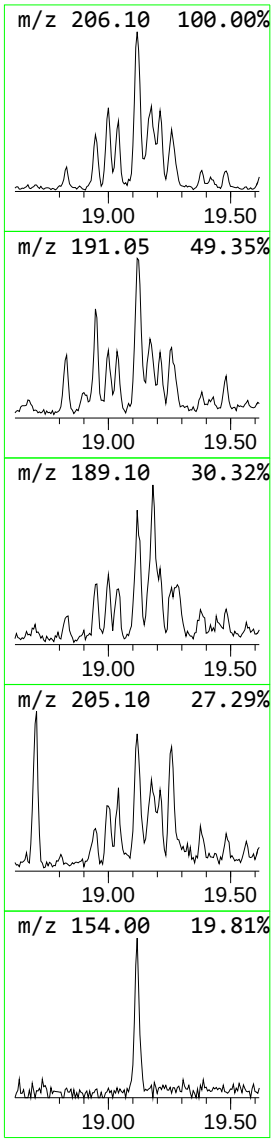
Peak Number 11 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.117	4.25 ng	216977	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	89
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81





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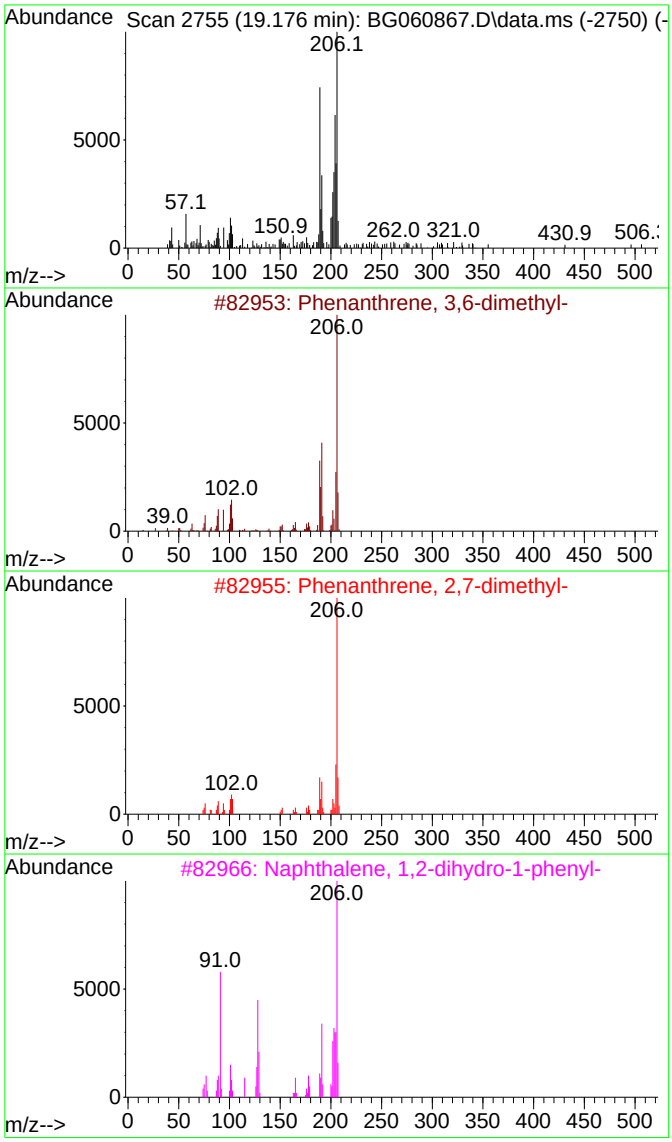
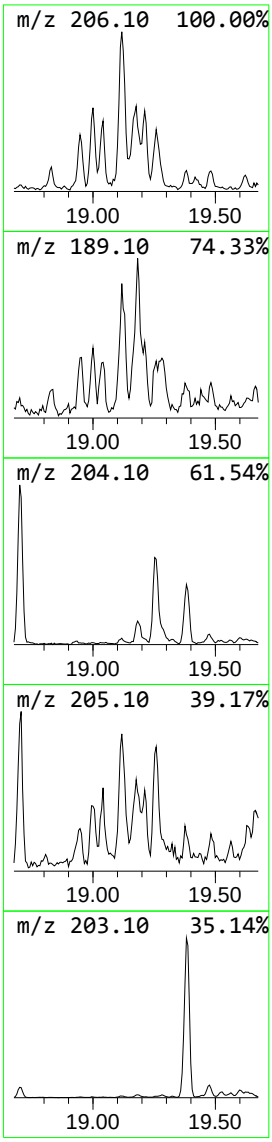
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.176	2.65 ng	134892	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	41
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38





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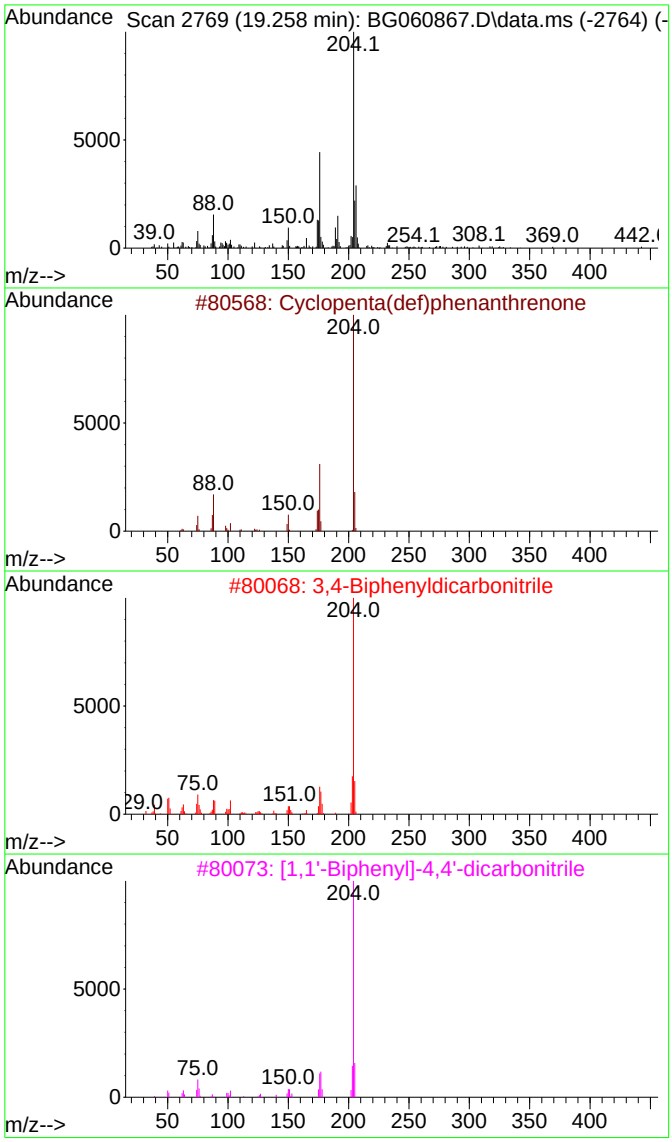
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

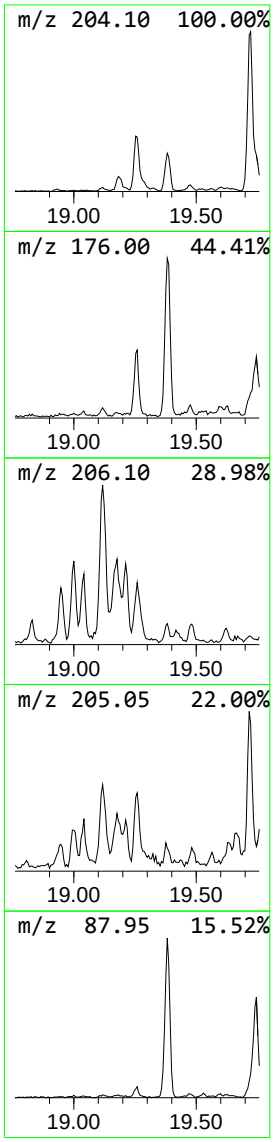
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.258	3.66 ng	186727	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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Sample : P2070-07
Misc :
ALS Vial : 12 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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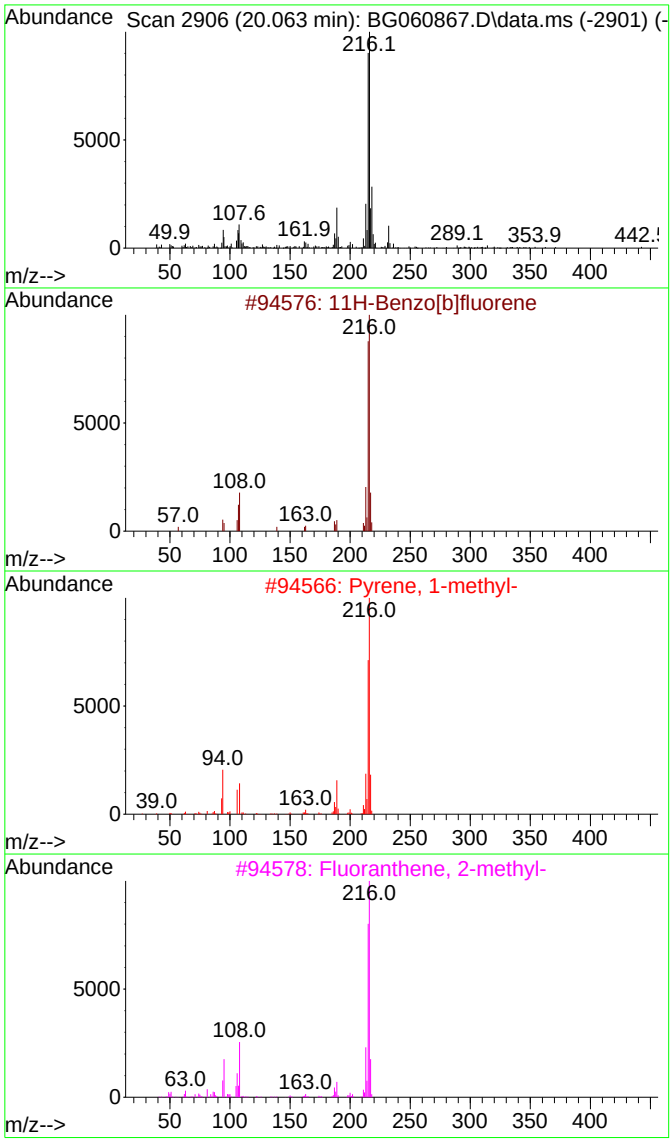
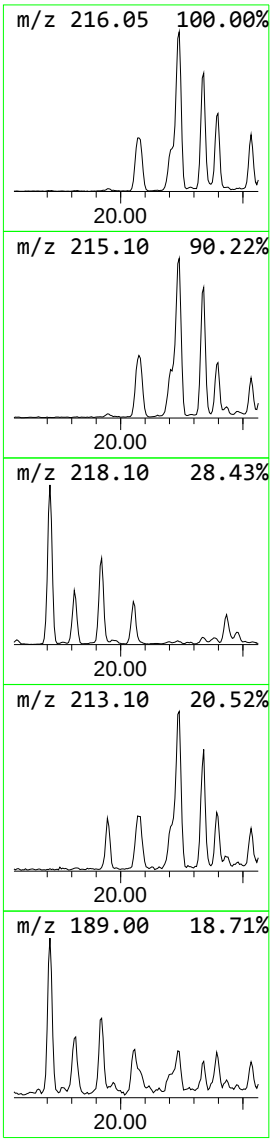
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.063	2.27 ng	443260	Chrysene-d12	21.591

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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Misc :
ALS Vial : 12 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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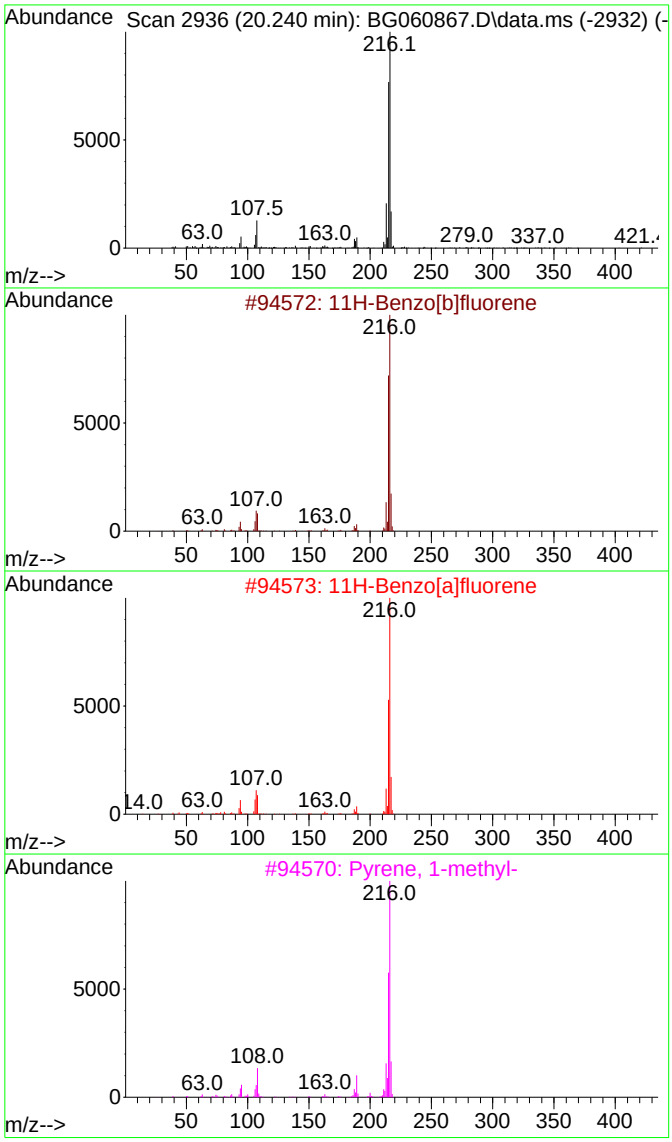
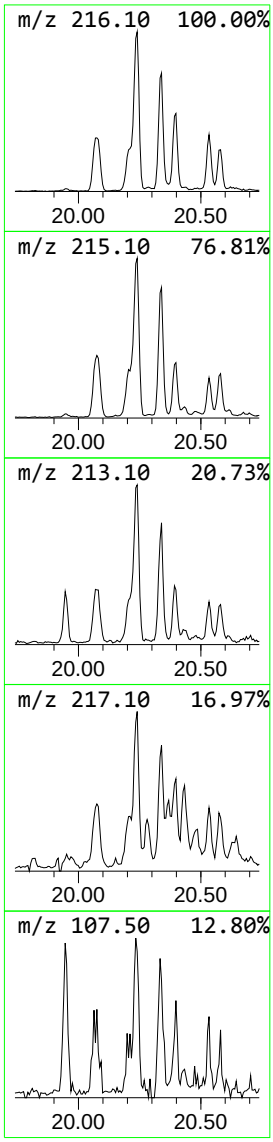
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.240	3.05 ng	597647	Chrysene-d12	21.591

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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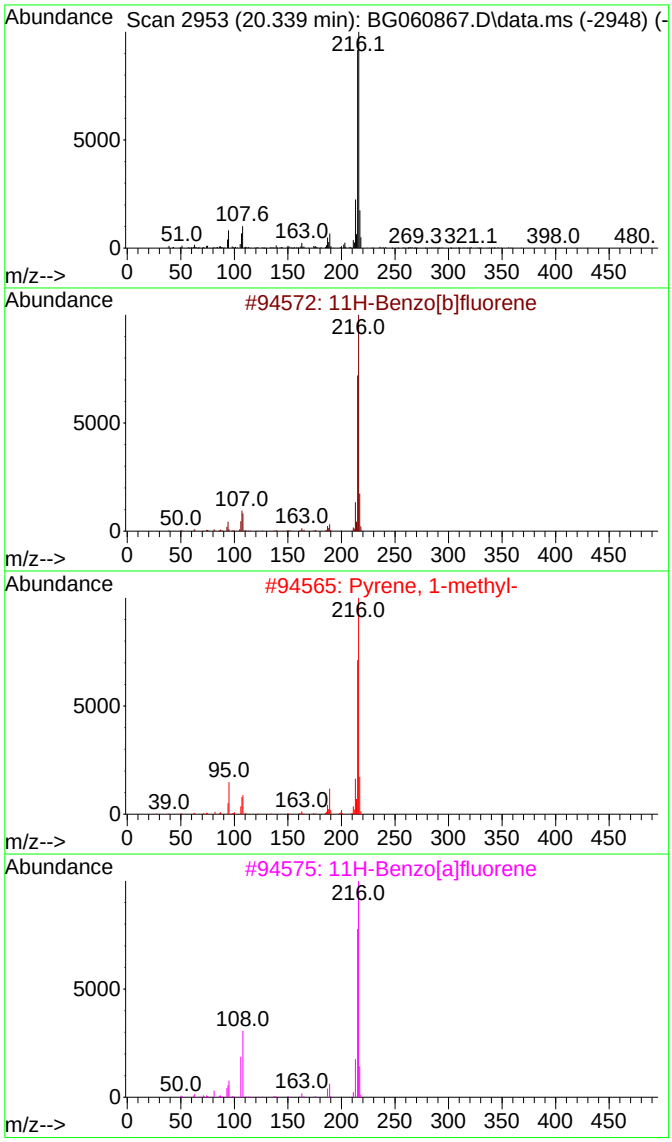
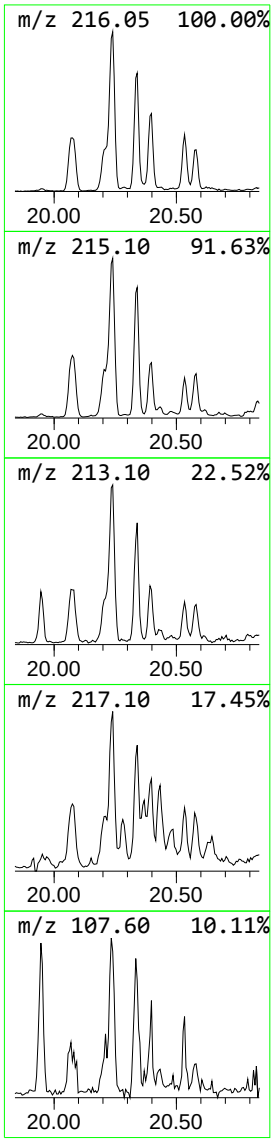
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.340	2.28 ng	447038	Chrysene-d12	21.591

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
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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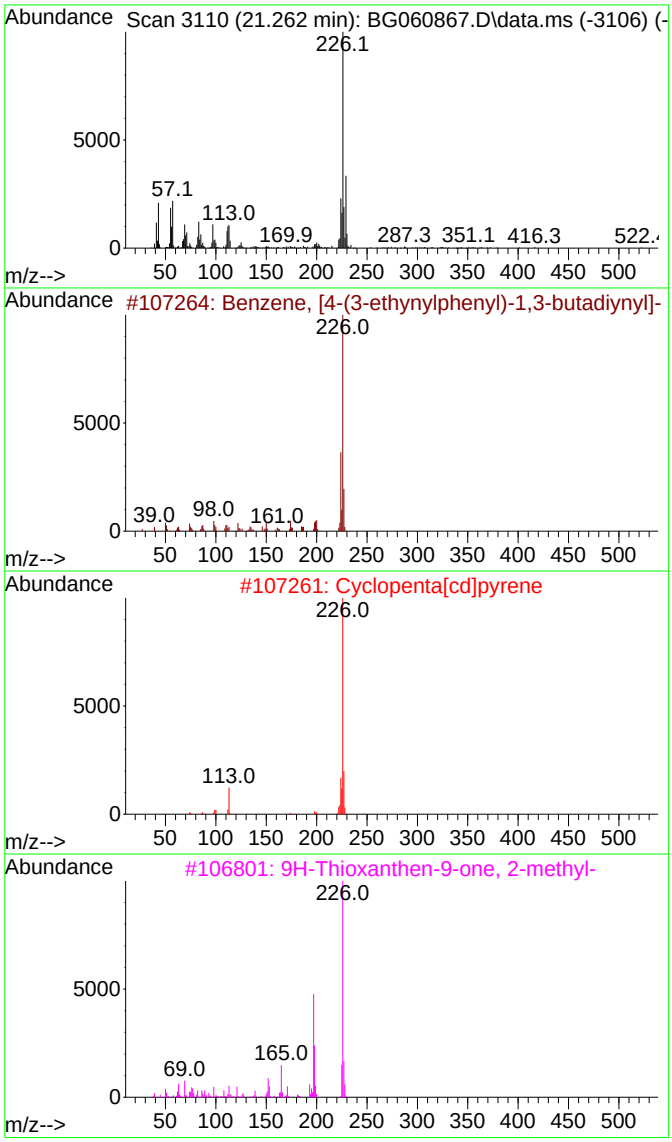
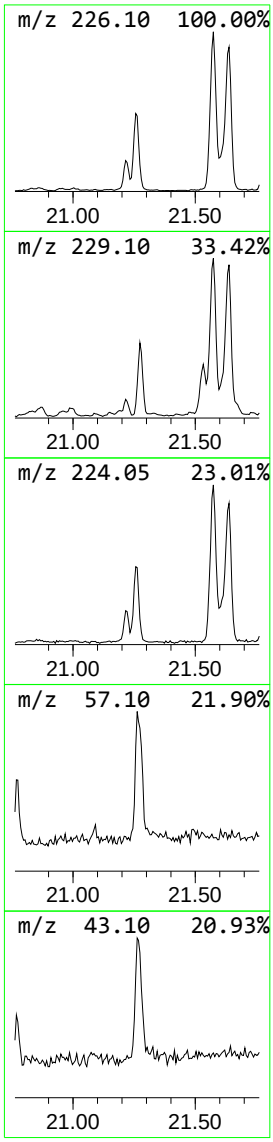
Peak Number 17 Benzene, [4-(3-ethynylpheny... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.262	3.66 ng	715645	Chrysene-d12	21.591

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	53
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	50
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	40
5	Cyclopentanecarboxamide, N-(2-ph...	413	C28H47NO	1000451-59-7	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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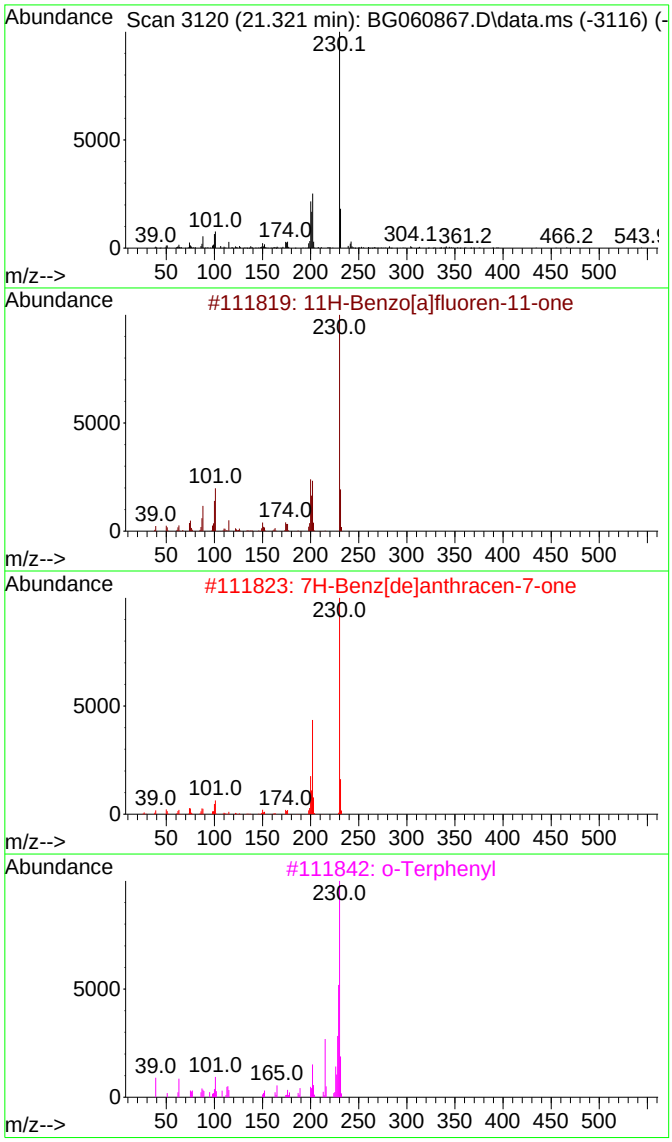
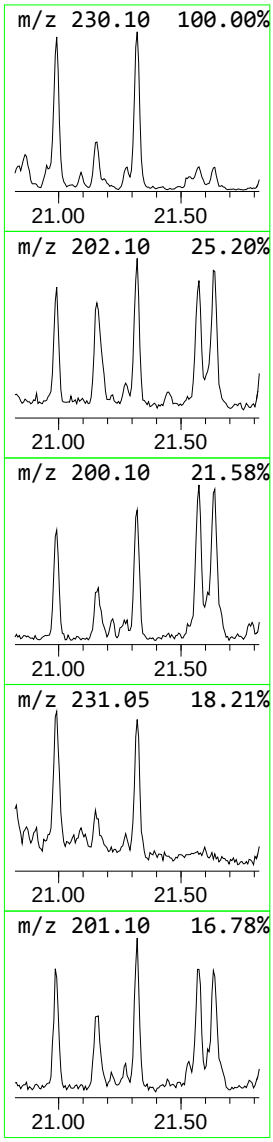
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.321	2.33 ng	455146	Chrysene-d12	21.591

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	o-Terphenyl	230	C18H14	000084-15-1	52
4	m-Terphenyl	230	C18H14	000092-06-8	50
5	Benzo(b)phenazine	230	C16H10N2	000257-97-6	50





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Sample : P2070-07
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ALS Vial : 12 Sample Multiplier: 1

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BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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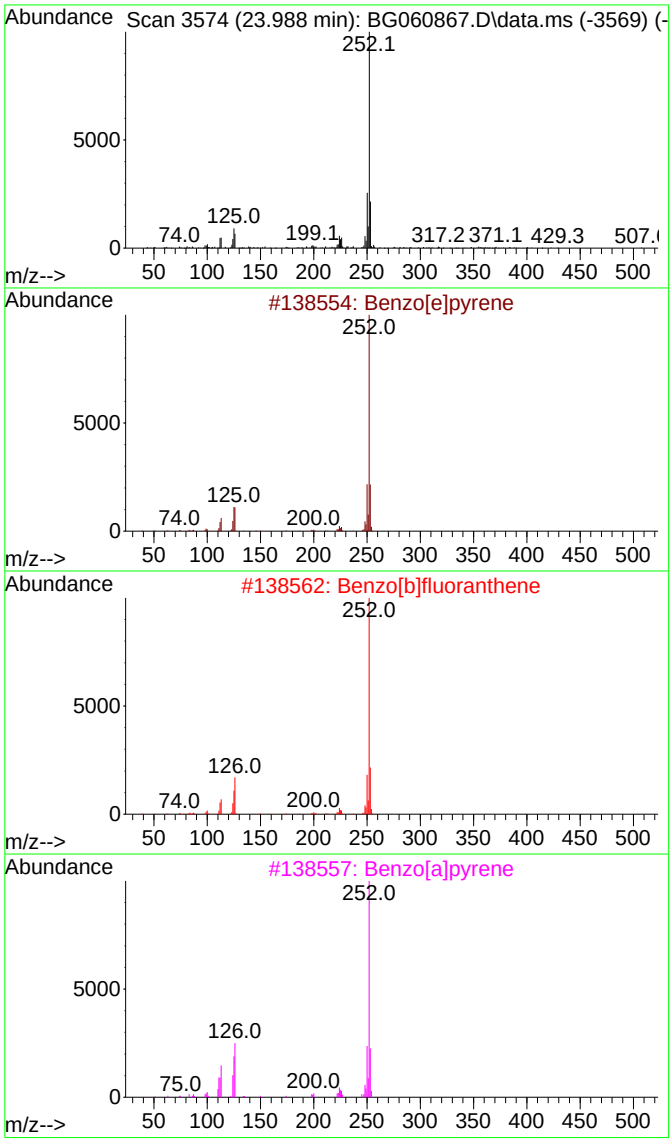
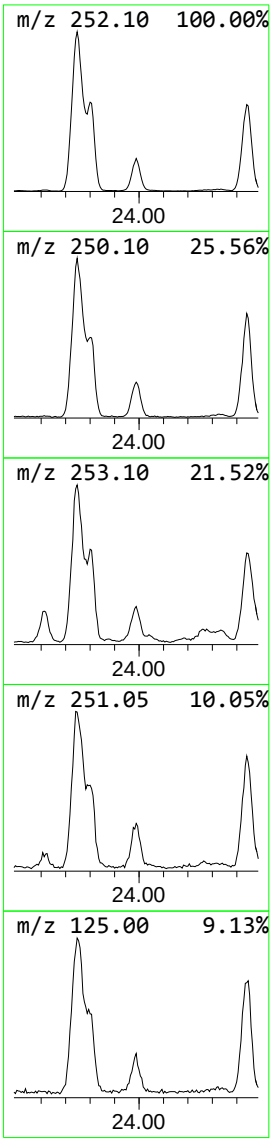
Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.988	9.21 ng	495553	Perylene-d12	24.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	83
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Perylene	252	C20H12	000198-55-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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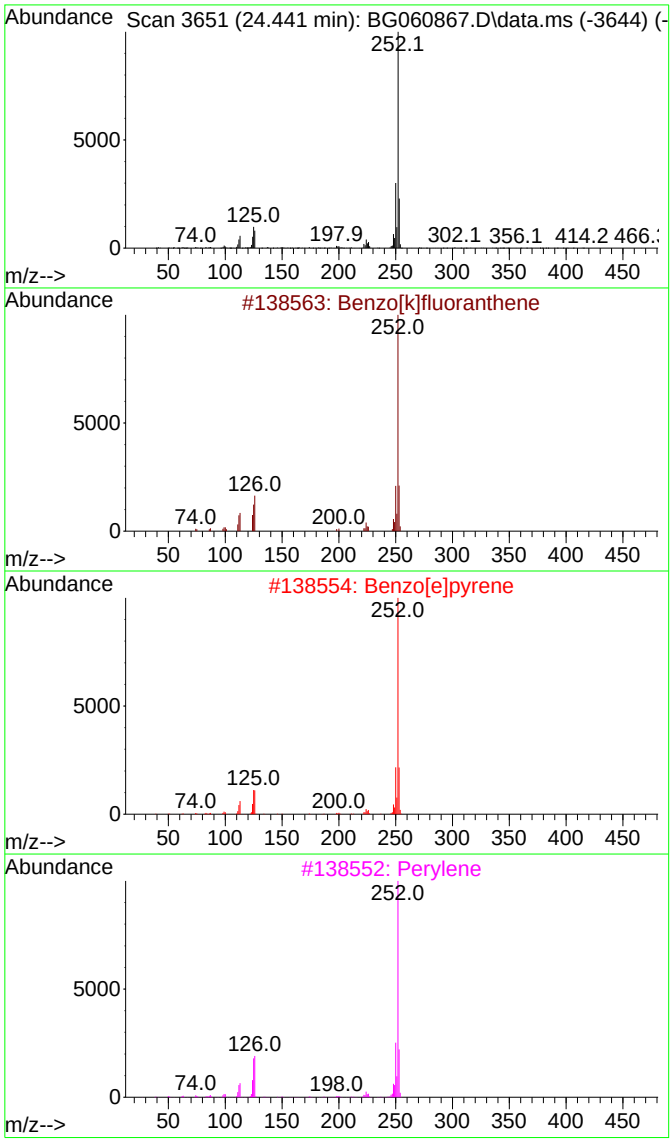
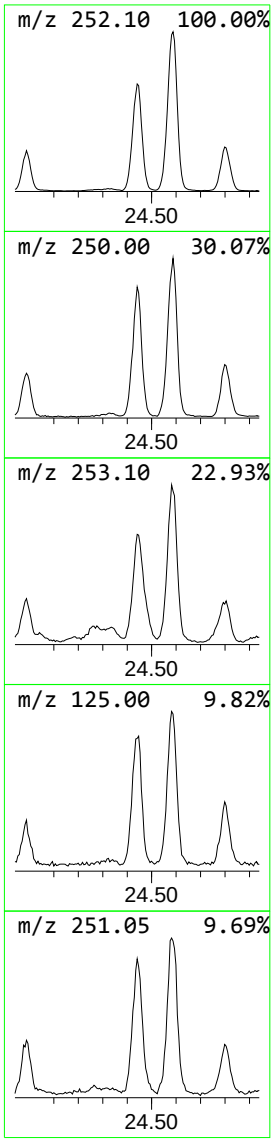
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.441	31.43 ng	1691190	Perylene-d12	24.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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
Butane, 2-metho...	3.171	4.9	ng	107906	1	7.954	439357	20.0
9H-Fluoren-9-one	16.973	2.5	ng	128920	4	17.325	1019890	20.0
Dibenzothiophene	17.143	3.0	ng	151731	4	17.325	1019890	20.0
Phenanthrene, 1...	18.207	5.3	ng	272988	4	17.325	1019890	20.0
Phenanthrene, 2...	18.248	12.4	ng	632668	4	17.325	1019890	20.0
Anthracene, 2-m...	18.330	2.5	ng	125590	4	17.325	1019890	20.0
4H-Cyclopenta[d...	18.395	11.6	ng	589791	4	17.325	1019890	20.0
Phenanthrene, 3...	18.436	3.2	ng	161763	4	17.325	1019890	20.0
Naphthalene, 2-...	18.700	4.5	ng	231438	4	17.325	1019890	20.0
9,10-Anthracene...	18.735	5.2	ng	265077	4	17.325	1019890	20.0
di-p-Tolylacety...	19.117	4.3	ng	216977	4	17.325	1019890	20.0
Phenanthrene, 3...	19.176	2.6	ng	134892	4	17.325	1019890	20.0
Cyclopenta(def)...	19.258	3.7	ng	186727	4	17.325	1019890	20.0
11H-Benzo[b]flu...	20.063	2.3	ng	443260	5	21.591	3913030	20.0
11H-Benzo[a]flu...	20.240	3.0	ng	597647	5	21.591	3913030	20.0
Pyrene, 1-methyl-	20.340	2.3	ng	447038	5	21.591	3913030	20.0
Benzene, [4-(3-...	21.262	3.7	ng	715645	5	21.591	3913030	20.0
11H-Benzo[a]flu...	21.321	2.3	ng	455146	5	21.591	3913030	20.0
Benzo[e]pyrene	23.988	9.2	ng	495553	6	24.734	1076200	20.0
Perylene	24.441	31.4	ng	1691190	6	24.734	1076200	20.0