LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JPP-16-020223

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BG056543.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.798	419	427	438	rBV	45961	80654	3.65%	0.416%
2	7.426	696	704	716	rBV	45528	86553	3.91%	0.447%
3	8.272	842	848	857	rBV	147350	258943	11.70%	1.337%
4	9.447	1042	1048	1058	rBV	30118	57400	2.59%	0.296%
5	11.110	1321	1331	1337	rBV	188059	353487	15.98%	1.825%
6	13.519	1735	1741	1748	rVB	109788	172648	7.80%	0.891%
7	14.212	1854	1859	1865	rBV3	12952	25667	1.16%	0.133%
8	14.894	1969	1975	1982	rBV	326332	515032	23.28%	2.659%
9	14.958	1982	1986	1992	rVB	77433	116350	5.26%	0.601%
10	15.199	2023	2027	2034	rVB	16947	25456	1.15%	0.131%
11	15.287	2035	2042	2048	rVB2	31760	56287	2.54%	0.291%
12	15.934	2147	2152	2161	rVB2	54759	93815	4.24%	0.484%
13	16.098	2176	2180	2184	rVB3	17520	24369	1.10%	0.126%
14	16.222	2198	2201	2208	rVB2	26538	48471	2.19%	0.250%
15	16.374	2222	2227	2234	rBV3	88812	150371	6.80%	0.776%
16	16.915	2312	2319	2320	rBV5	15946	33858	1.53%	0.175%
17	16.932	2320	2322	2326	rVB3	18819	23733	1.07%	0.123%
18	17.285	2378	2382	2387	rVB2	33476	56669	2.56%	0.293%
19	17.350	2389	2393	2395	rBV2	21843	31110	1.41%	0.161%
20	17.455	2406	2411	2417	rBV	37502	66288	3.00%	0.342%
21	17.637	2436	2442	2445	rBV	407549	640991	28.97%	3.309%
22	17.679	2445	2449	2456	rVV	800680	1177351	53.22%	6.078%
23	17.767	2459	2464	2469	rVV	180785	260260	11.76%	1.344%
24	18.031	2505	2509	2516	rBV	30432	54305	2.45%	0.280%
25	18.143	2523	2528	2533	rBV	44540	69936	3.16%	0.361%
26	18.501	2584	2589	2593	rBV	115119	172895	7.81%	0.893%
27	18.554	2593	2598	2604	rVB	153267	223651	10.11%	1.155%
28	18.630	2607	2611	2616	rVB	69563	101167	4.57%	0.522%
29	18.701	2616	2623	2627	rBV3	180360	384197	17.37%	1.983%
30	18.989	2667	2672	2676	rBV	124837	166946	7.55%	0.862%
31	19.042	2676	2681	2685	rVV	57806	79658	3.60%	0.411%
32	19.112	2690	2693	2699	rBV	23841	32811	1.48%	0.169%
33	19.236	2710	2714	2718	rVB	38372	51361	2.32%	0.265%
34	19.288	2719	2723	2725	rVV	20845	26372	1.19%	0.136%
35	19.400	2738	2742	2747	rBV	75681	118096	5.34%	0.610%
36	19.553	2764	2768	2774	rVB2	56779	98346	4.45%	0.508%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	19.670	2782	2788	2794	rBV	1480857	2188903	98.94%	11.300%
38	19.999	2839	2844	2846	rBV2	247555	402042	18.17%	2.076%
39	20.035	2846	2850	2856	rVV	1553225	2212350	100.00%	11.421%
40	20.093	2857	2860	2866	rVB2	69491	104554	4.73%	0.540%
41	20.205	2875	2879	2884	rVB2	218470	291779	13.19%	1.506%
42	20.346	2899	2903	2910	rVB3	91368	195465	8.84%	1.009%
43	20.511	2929	2931	2936	rVB	172893	226520	10.24%	1.169%
44	20.610	2945	2948	2952	rBV2	100939	119902	5.42%	0.619%
45	20.675	2956	2959	2962	rVB	111090	136739	6.18%	0.706%
46	20.816	2979	2983	2986	rBV	94368	123307	5.57%	0.637%
47	20.857	2987	2990	2997	rVB	95799	145939	6.60%	0.753%
48	21.292	3061	3064	3070	rVB	95518	137108	6.20%	0.708%
49	21.527	3102	3104	3109	rVB	116769	150875	6.82%	0.779%
50	21.586	3109	3114	3118	rBV2	123956	207276	9.37%	1.070%
51	21.909	3163	3169	3176	rBV2	757783	1879216	84.94%	9.701%
52	21.974	3176	3180	3187	rVB	553561	970201	43.85%	5.009%
53	22.138	3204	3208	3217	rVB	119032	212964	9.63%	1.099%
54	24.265	3562	3570	3578	rBV	398564	1377348	62.26%	7.111%
55	25.035	3695	3701	3714	rVB	259115	770964	34.85%	3.980%
56	25.193	3720	3728	3741	rVB	377875	1100008	49.72%	5.679%
57	25.358	3749	3756	3764	rBV	179827	481440	21.76%	2.485%

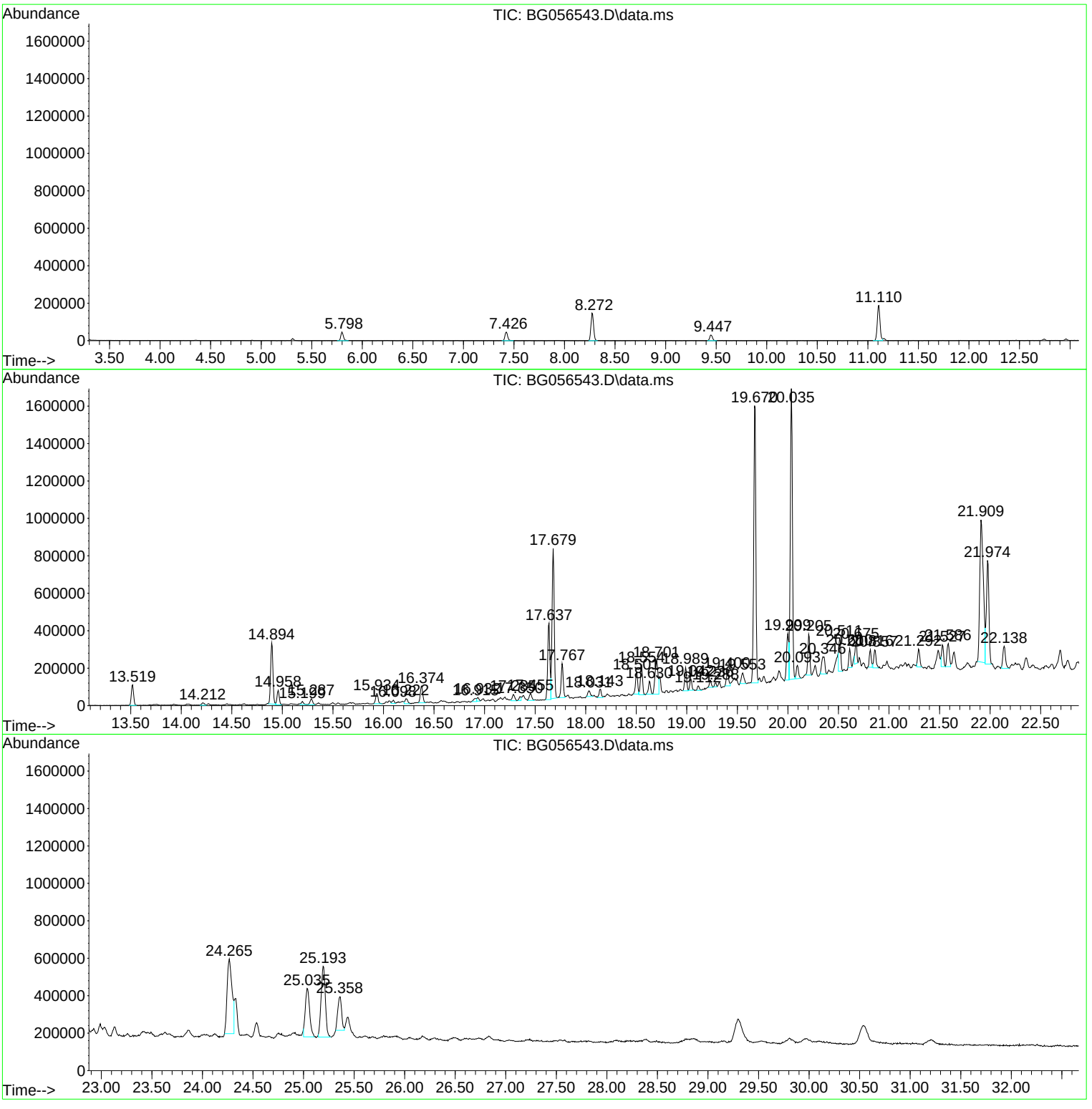
Sum of corrected areas: 19370404

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

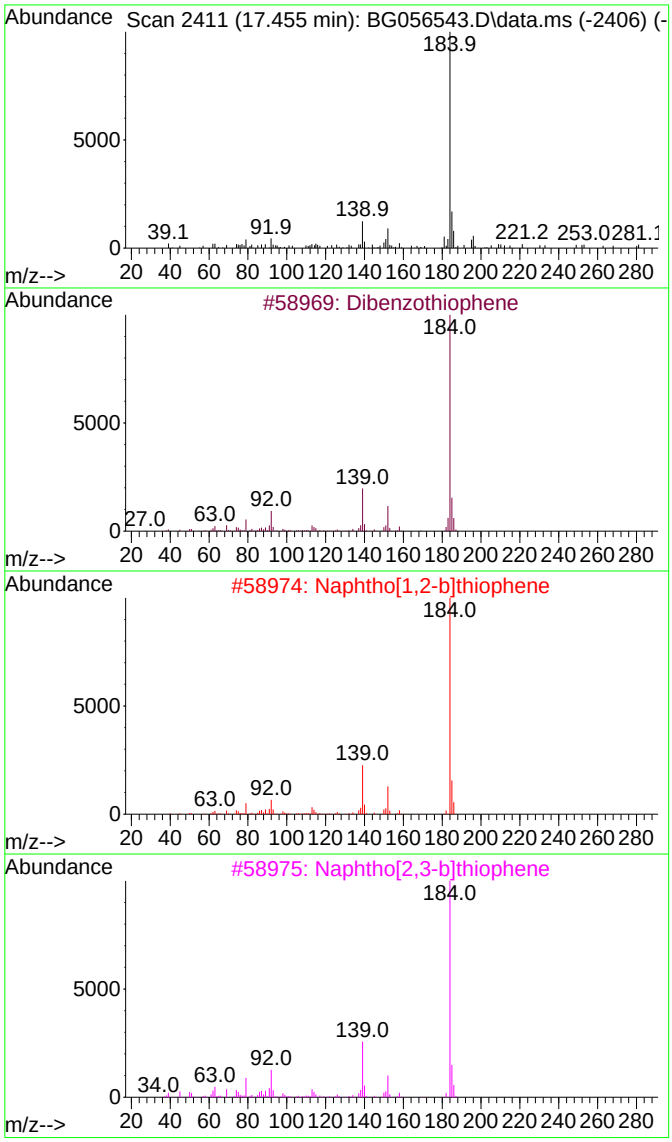
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

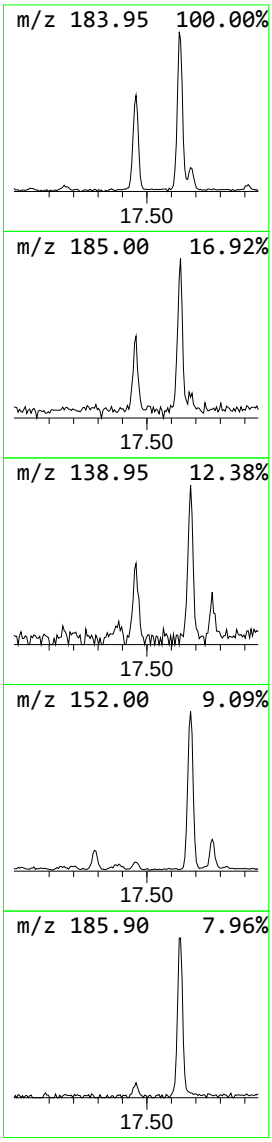
****

Peak Number 2 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.455	2.07 ng	66288	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	91
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	87
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

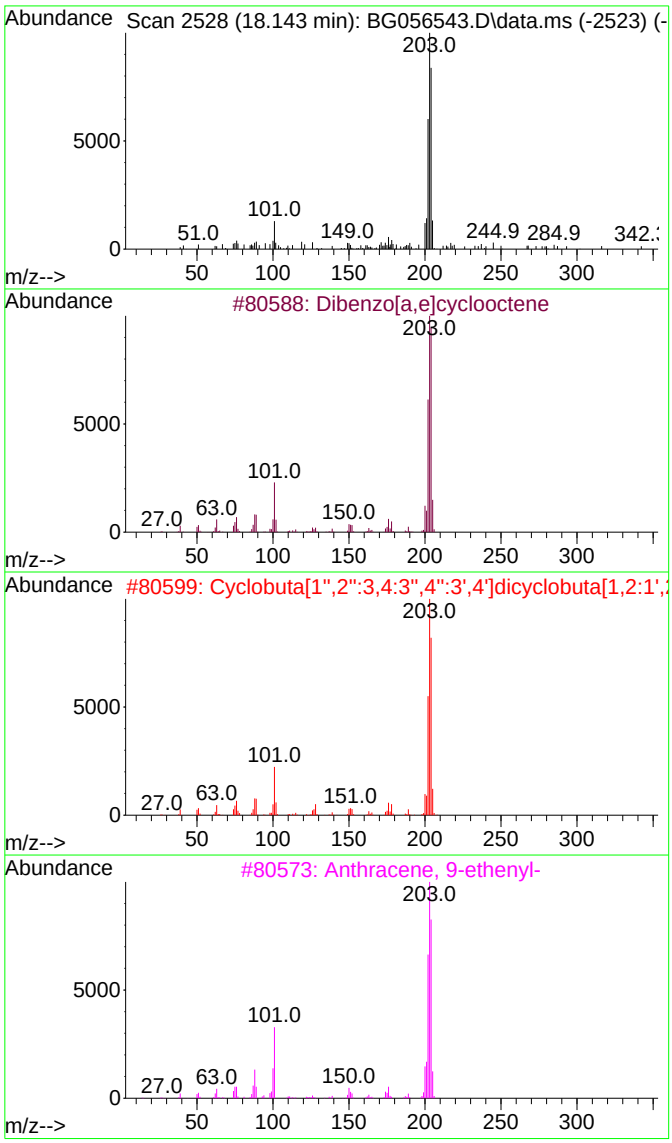
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

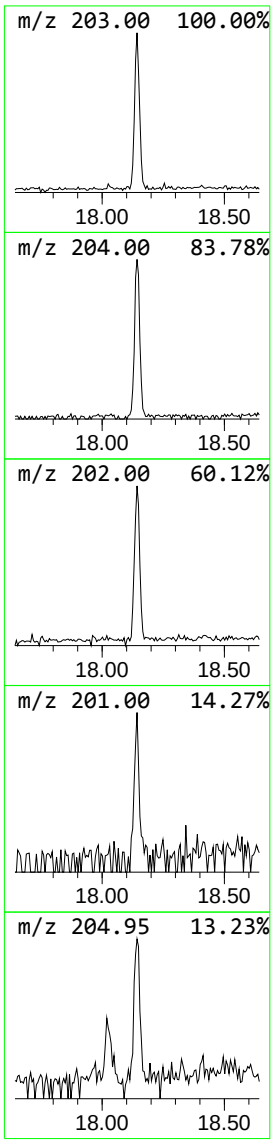
****

Peak Number 3 Dibenzo[a,e]cyclooctene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.143	2.18 ng	69936	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
2	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	76
5	2-Fluoro-4-bromobenzaldehyde	202	C7H4BrFO	057848-46-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

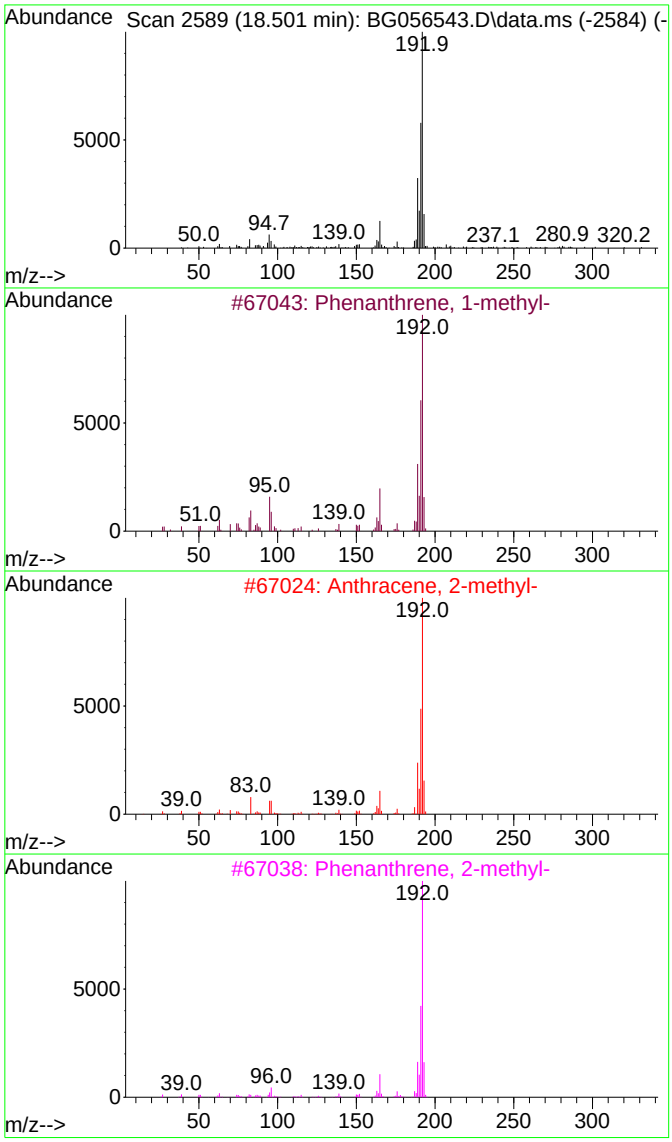
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

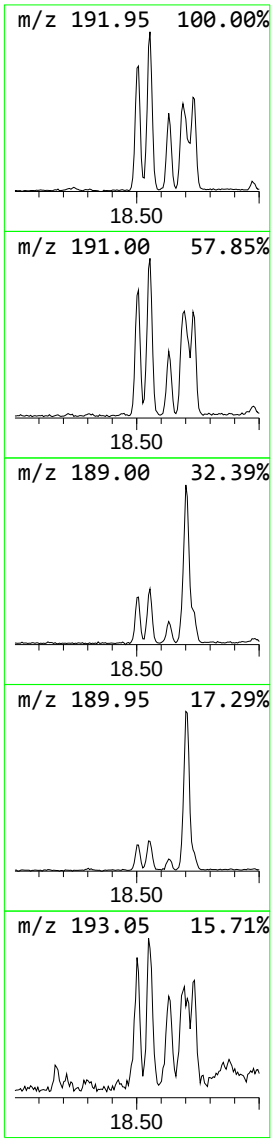
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.501	5.39 ng	172895	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

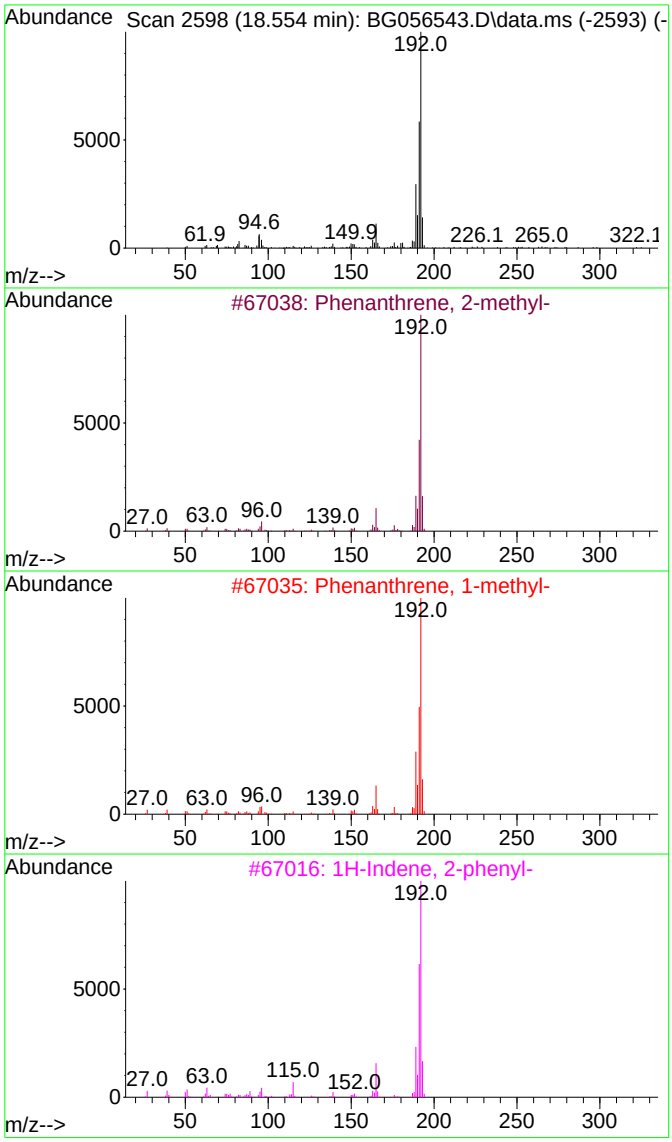
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

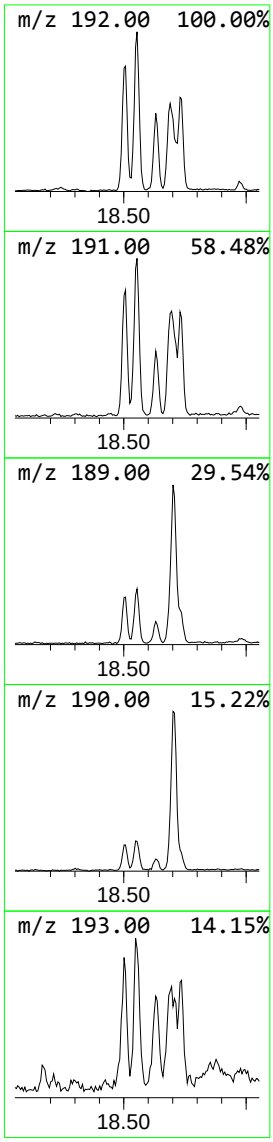
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.554	6.98 ng	223651	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

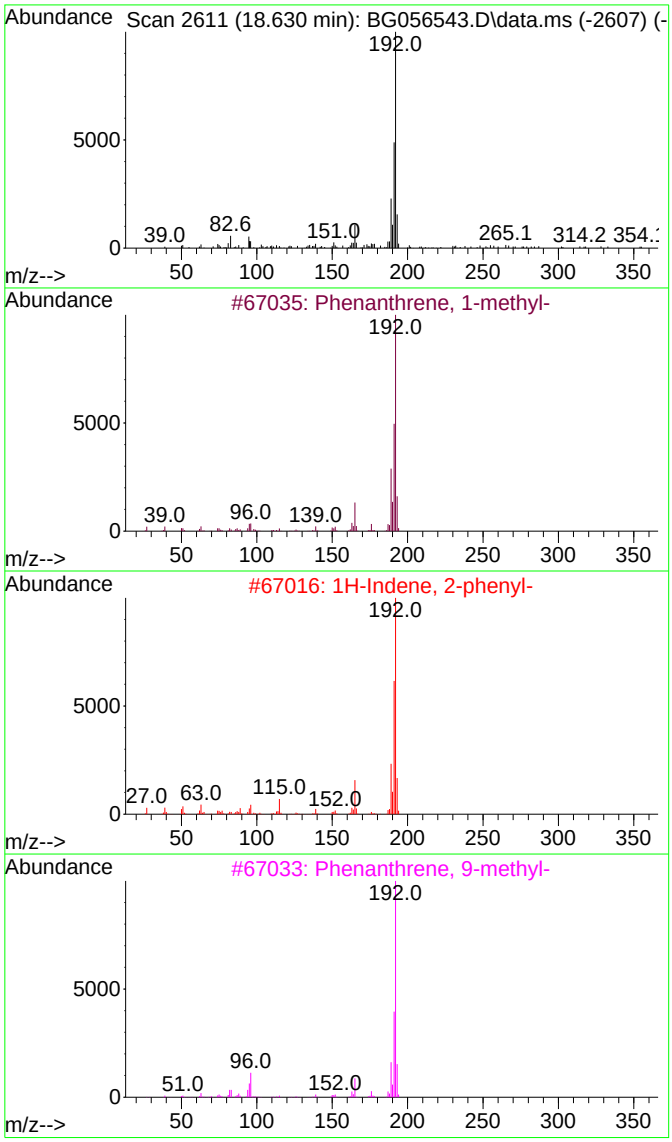
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

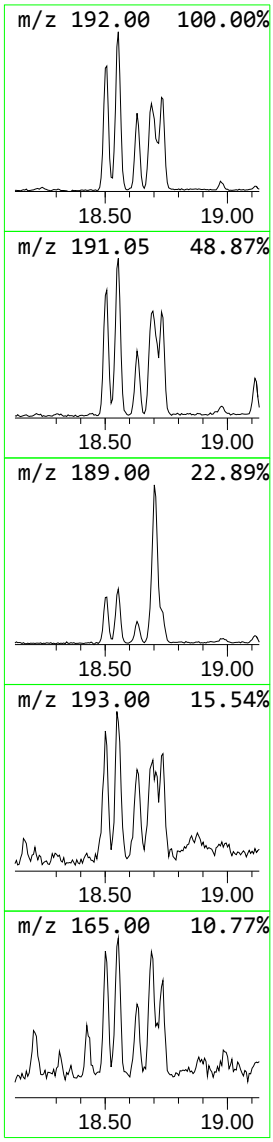
****

Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.630	3.16 ng	101167	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

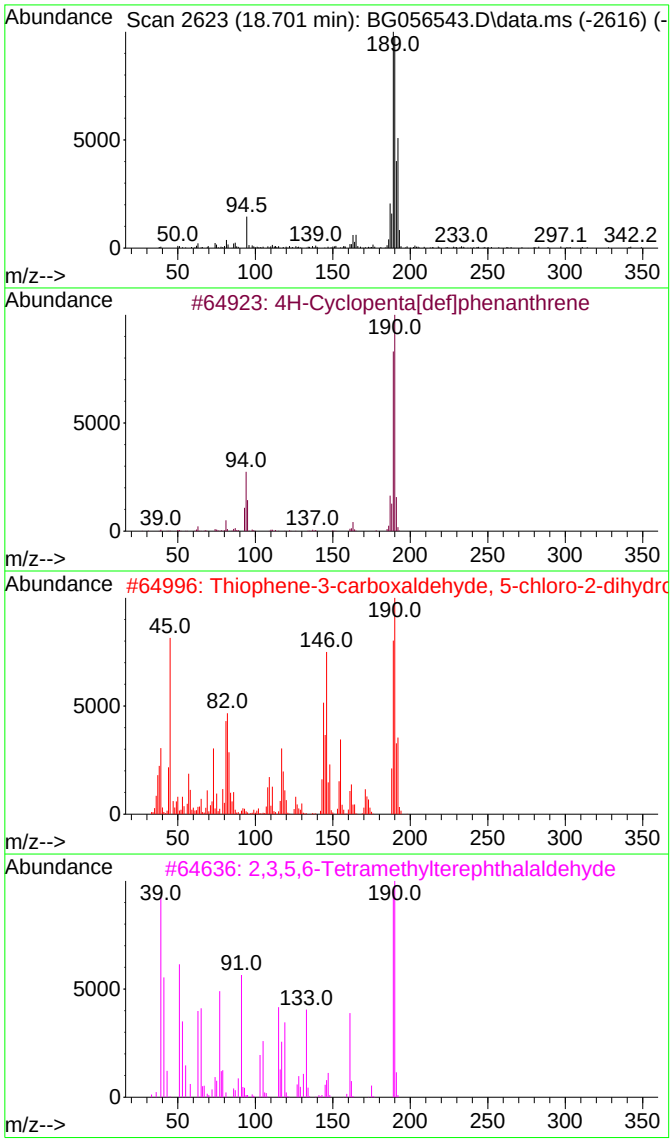
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

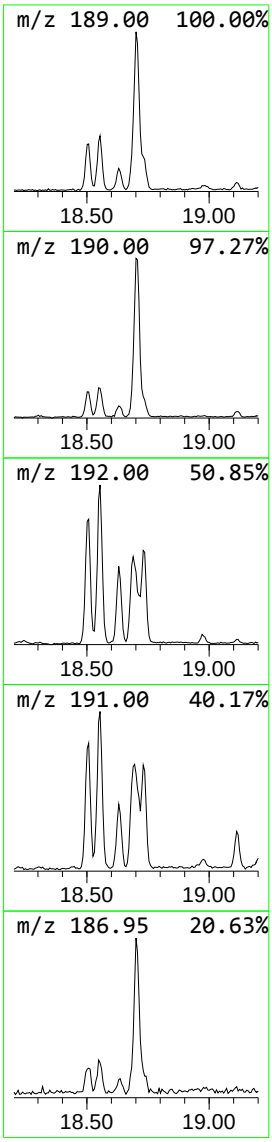
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.701	11.99 ng	384197	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
5	Megastigmatrienone	190	C13H18O	038818-55-2	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

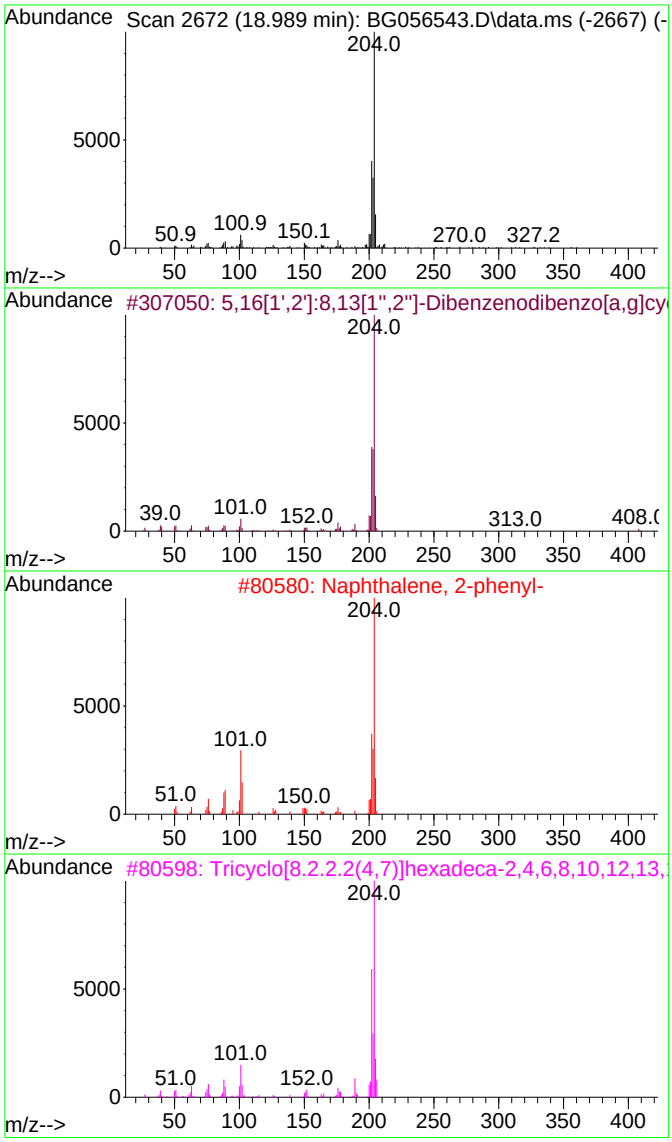
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

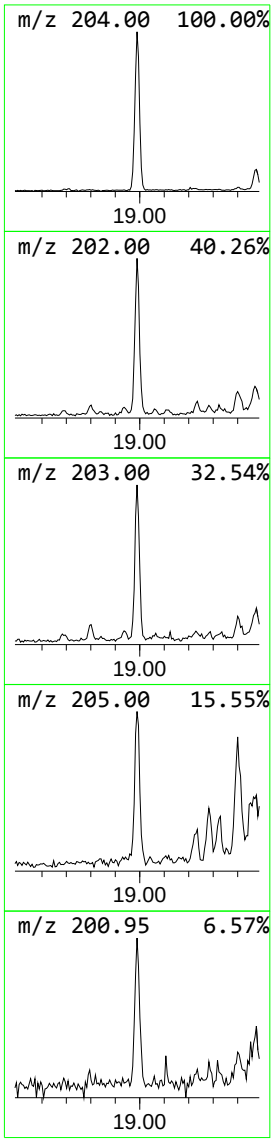
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.989	5.21 ng	166946	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

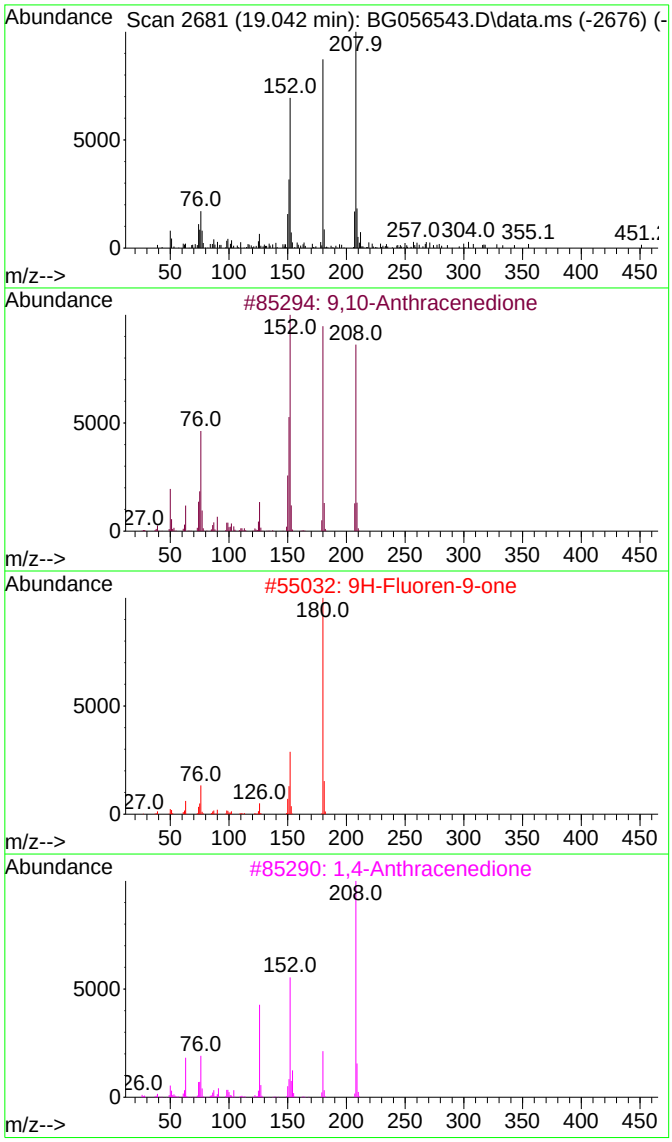
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

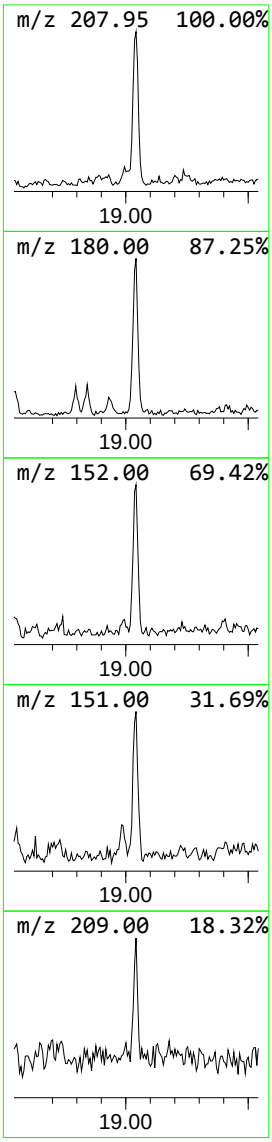
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.042	2.49 ng	79658	Phenanthrene-d10	17.637

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	70
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

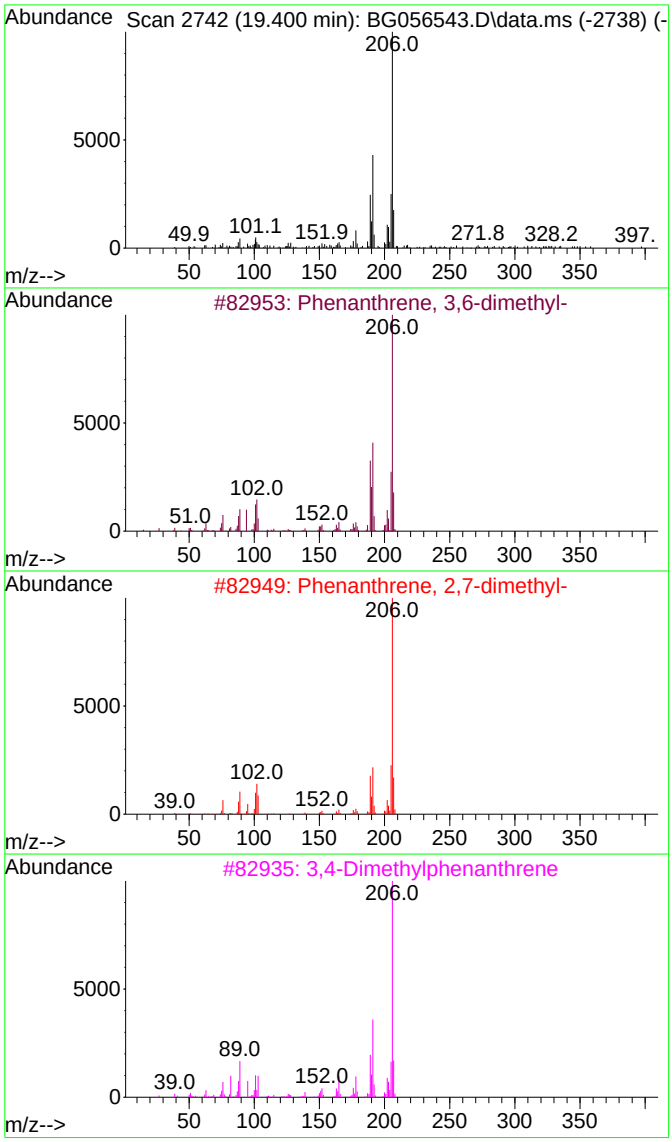
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

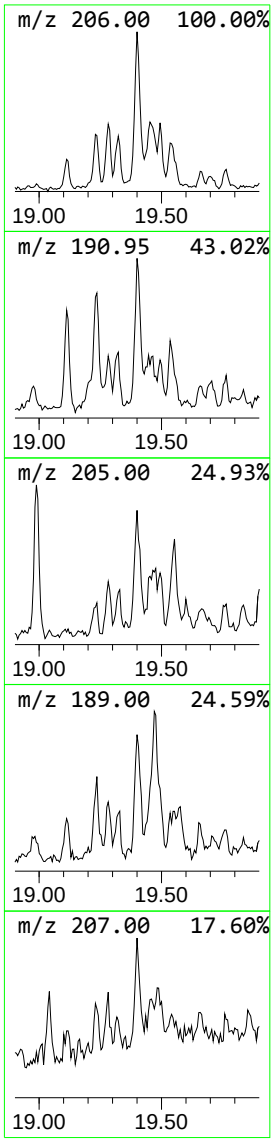
****

Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.400	3.68 ng	118096	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

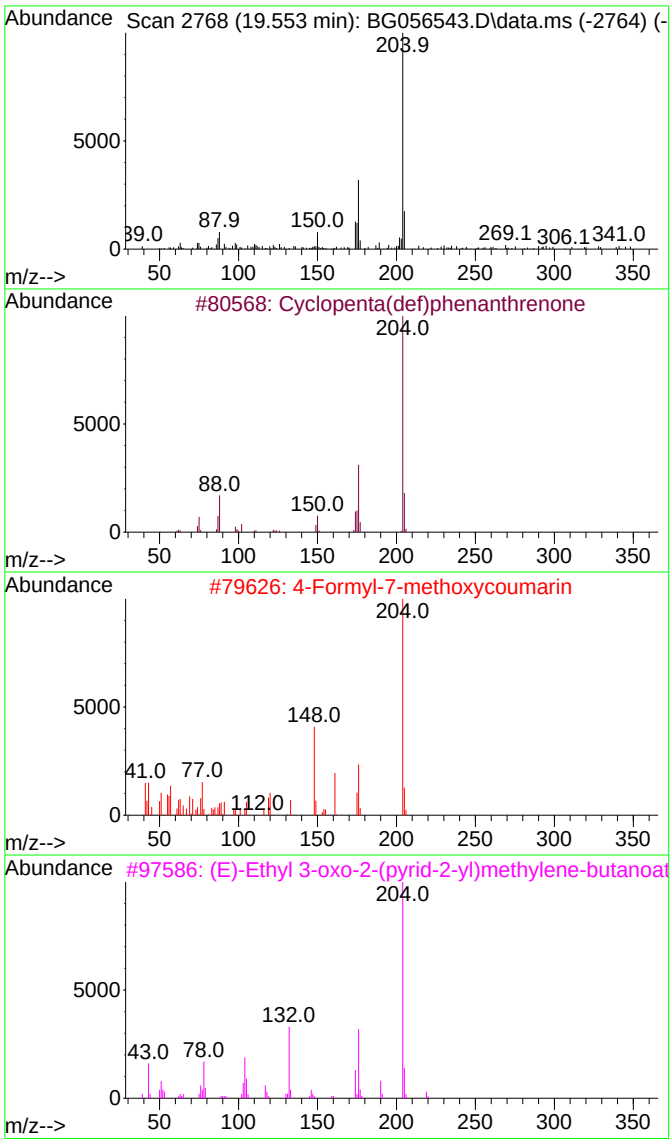
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

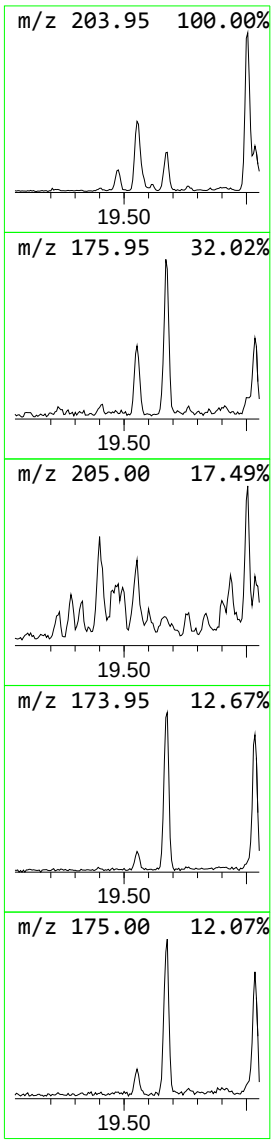
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.553	3.07 ng	98346	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	72
3	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	56
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

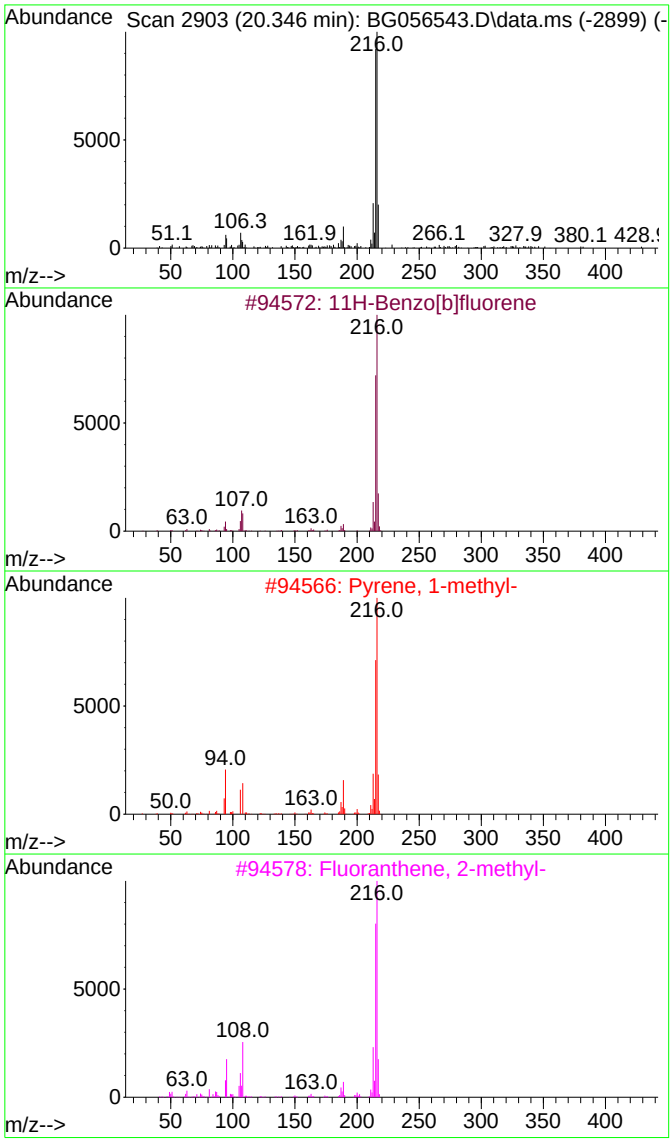
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

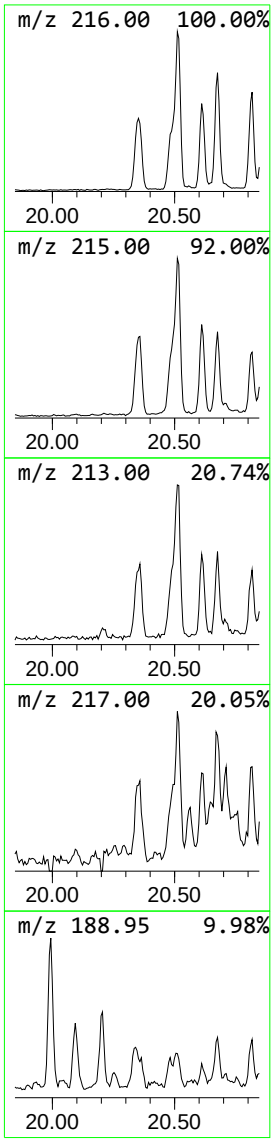
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.346	2.08 ng	195465	Chrysene-d12	21.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

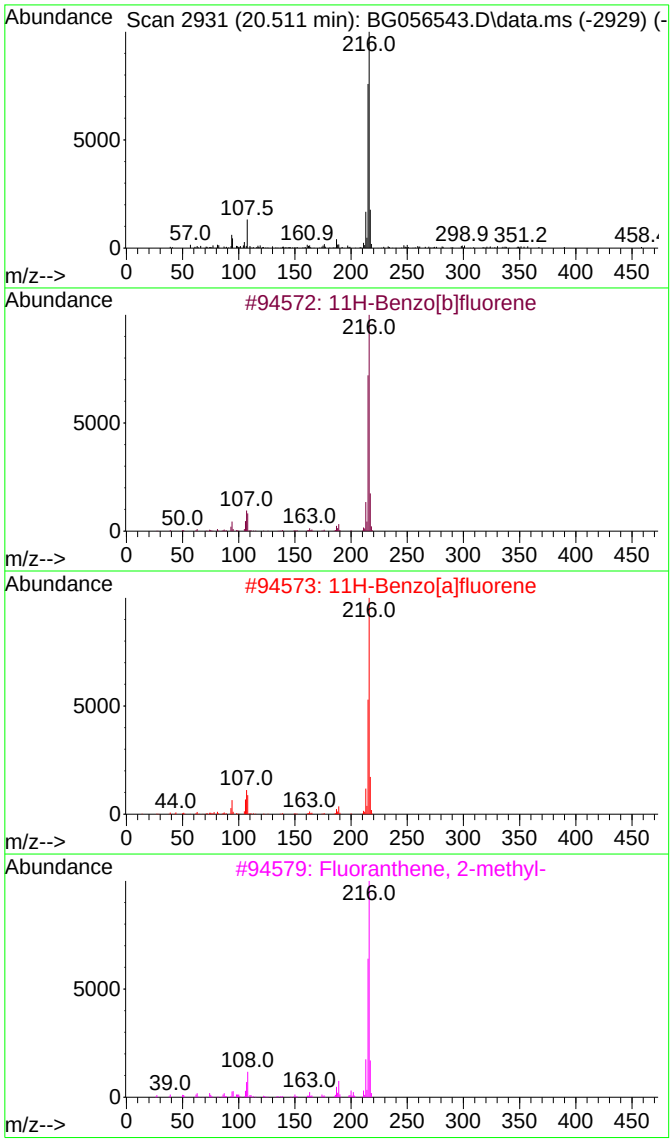
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

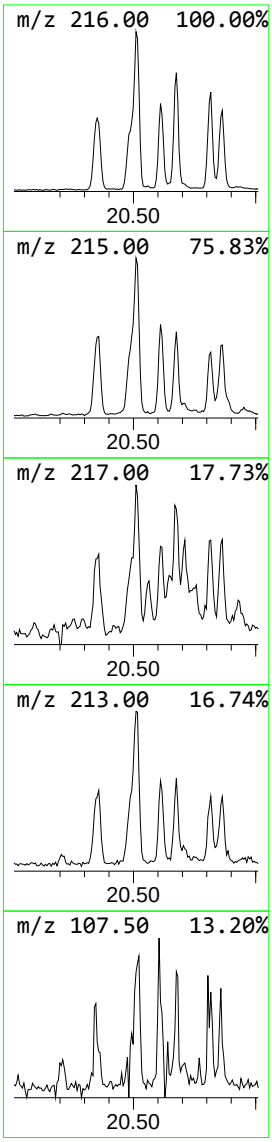
****

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.511	2.41 ng	226520	Chrysene-d12	21.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

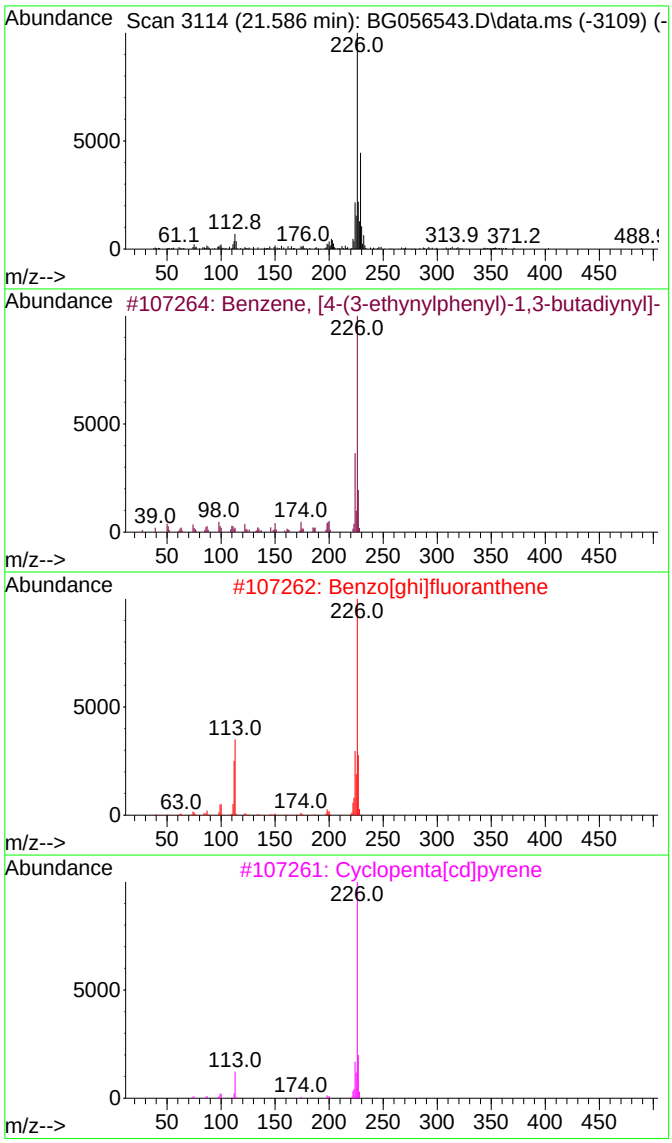
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

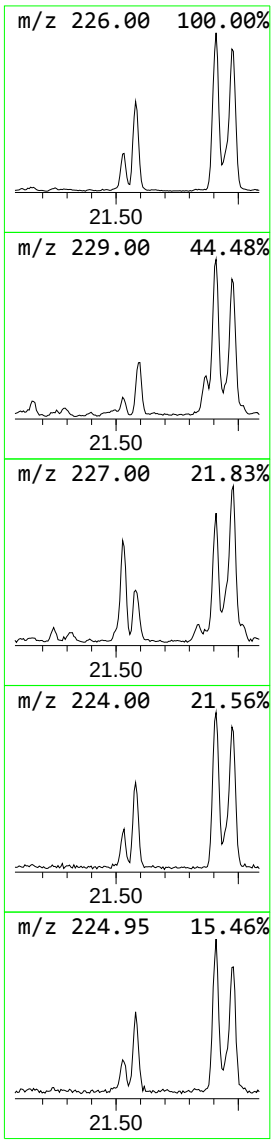
****

Peak Number 14 unknown21.586 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.586	2.21 ng	207276	Chrysene-d12	21.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	46
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	46
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
4	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	43
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

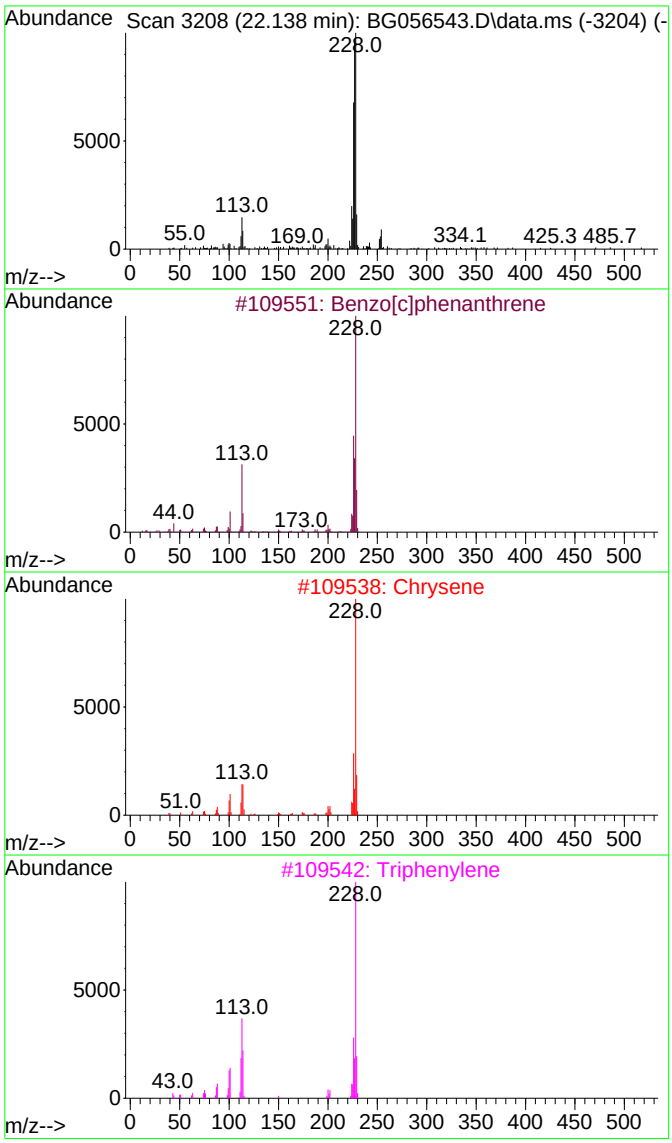
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

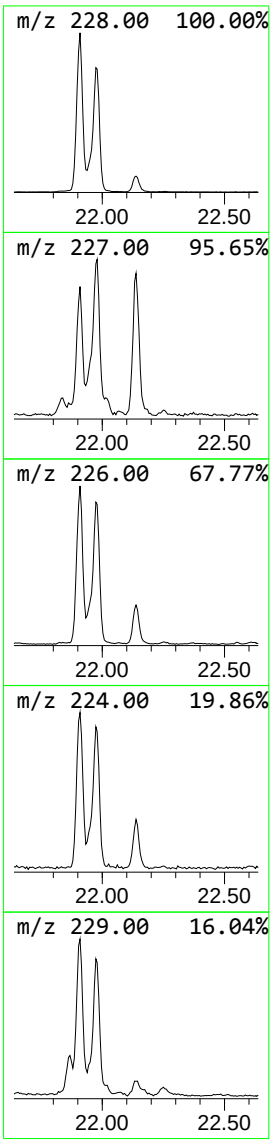
****

Peak Number 15 unknown22.138 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.138	2.27 ng	212964	Chrysene-d12	21.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	42
2	Chrysene	228	C18H12	000218-01-9	42
3	Triphenylene	228	C18H12	000217-59-4	38
4	4-(2-Thienyl)-1(2H)-phthalazinone	228	C12H8N2OS	137382-45-7	38
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

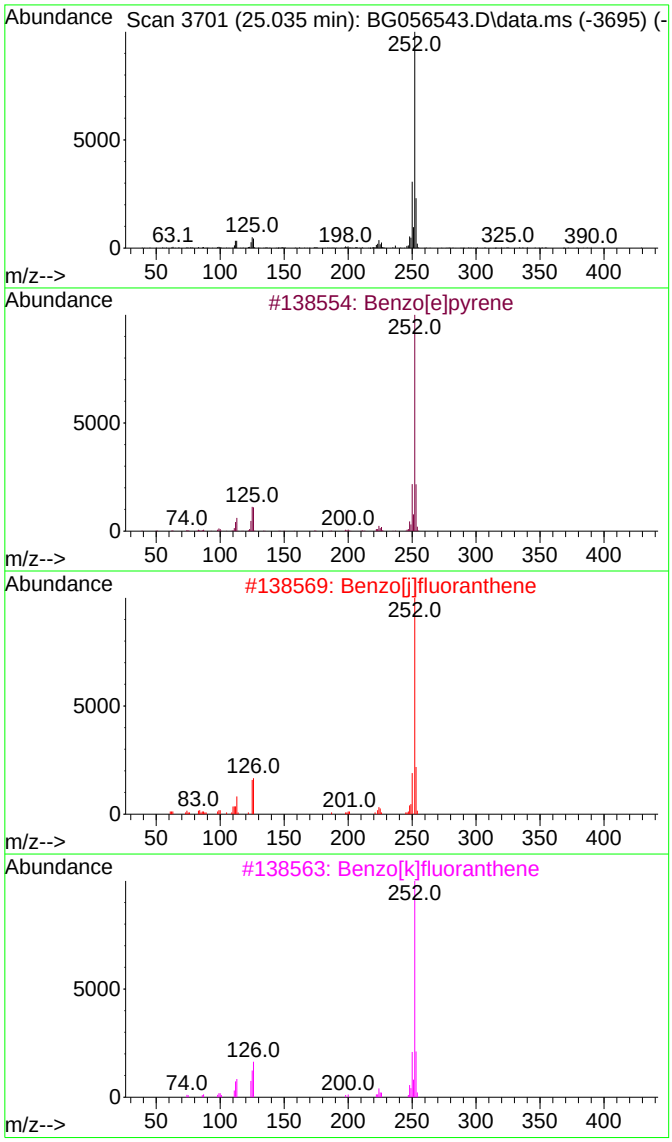
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

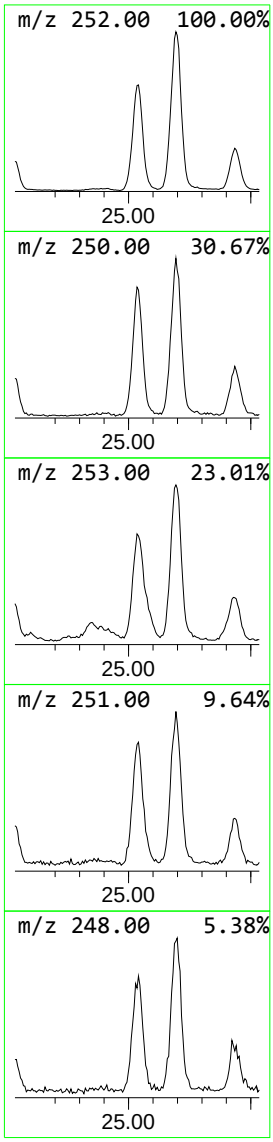
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.035	32.03 ng	770964	Perylene-d12	25.358

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056543.D
Acq On : 3 Feb 2023 17:52
Operator : CG/JU
Sample : 01418-03 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-16-020223

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dibenzothiophene	17.455	2.1	ng	66288	4	17.637	640991	20.0
Dibenzo[a,e]cyc...	18.143	2.2	ng	69936	4	17.637	640991	20.0
Phenanthrene, 1...	18.501	5.4	ng	172895	4	17.637	640991	20.0
Phenanthrene, 2...	18.554	7.0	ng	223651	4	17.637	640991	20.0
1H-Indene, 2-ph...	18.630	3.2	ng	101167	4	17.637	640991	20.0
4H-Cyclopenta[d...	18.701	12.0	ng	384197	4	17.637	640991	20.0
5,16[1',2']:8,1...	18.989	5.2	ng	166946	4	17.637	640991	20.0
9,10-Anthracene...	19.042	2.5	ng	79658	4	17.637	640991	20.0
Phenanthrene, 3...	19.400	3.7	ng	118096	4	17.637	640991	20.0
Cyclopenta(def)...	19.553	3.1	ng	98346	4	17.637	640991	20.0
11H-Benzo[b]flu...	20.346	2.1	ng	195465	5	21.927	1879220	20.0
11H-Benzo[a]flu...	20.511	2.4	ng	226520	5	21.927	1879220	20.0
unknown21.586	21.586	2.2	ng	207276	5	21.927	1879220	20.0
unknown22.138	22.138	2.3	ng	212964	5	21.927	1879220	20.0
Benzo[e]pyrene	25.035	32.0	ng	770964	6	25.358	481440	20.0