LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056575.D
Acq On : 7 Feb 2023 20:06
Operator : CG/JU
Sample : 01445-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JPP-26-020323

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: BG056575.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.306	338	343	349	rVB2	11299	18832	1.38%	0.149%
2	5.794	419	426	436	rBV	45773	77851	5.71%	0.616%
3	7.421	697	703	713	rBV	47393	81676	5.99%	0.647%
4	8.267	840	847	855	rBV	143492	237979	17.45%	1.884%
5	9.448	1041	1048	1057	rBB	28077	51434	3.77%	0.407%
6	11.105	1322	1330	1336	rBV	185006	331811	24.33%	2.627%
7	13.514	1734	1740	1747	rBB	117757	175292	12.85%	1.388%
8	14.889	1964	1974	1980	rBV	335223	516403	37.86%	4.089%
9	14.954	1980	1985	1992	rVB	28493	42443	3.11%	0.336%
10	15.283	2034	2041	2047	rBB2	9474	16568	1.21%	0.131%
11	15.929	2145	2151	2159	rBV2	19529	34816	2.55%	0.276%
12	16.229	2196	2202	2208	rVB	35004	56948	4.18%	0.451%
13	16.376	2221	2227	2234	rBV3	73927	117580	8.62%	0.931%
14	16.904	2310	2317	2318	rBV5	7233	14181	1.04%	0.112%
15	16.928	2318	2321	2327	rVV3	10159	16716	1.23%	0.132%
16	17.151	2352	2359	2362	rBV5	11197	22520	1.65%	0.178%
17	17.280	2377	2381	2387	rBV	14134	20619	1.51%	0.163%
18	17.351	2387	2393	2395	rVV4	11843	20696	1.52%	0.164%
19	17.374	2395	2397	2405	rVV4	15713	26555	1.95%	0.210%
20	17.451	2405	2410	2417	rVB	18015	29648	2.17%	0.235%
21	17.633	2434	2441	2444	rBV	416685	630039	46.19%	4.988%
22	17.674	2444	2448	2454	rVV	392644	582827	42.73%	4.615%
23	17.762	2457	2463	2470	rBV	81436	127922	9.38%	1.013%
24	18.027	2503	2508	2514	rBV4	12545	33880	2.48%	0.268%
25	18.138	2523	2527	2532	rVB	20907	31923	2.34%	0.253%
26	18.426	2571	2576	2579	rBV6	7035	13684	1.00%	0.108%
27	18.497	2583	2588	2592	rBV	63567	91214	6.69%	0.722%
28	18.549	2592	2597	2602	rVB	78052	117160	8.59%	0.928%
29	18.626	2602	2610	2614	rBV	40500	68955	5.06%	0.546%
30	18.696	2615	2622	2625	rBV3	87038	176145	12.91%	1.395%
31	18.984	2667	2671	2675	rBV	61013	81598	5.98%	0.646%
32	19.037	2676	2680	2684	rVB	32932	43888	3.22%	0.347%
33	19.108	2689	2692	2696	rBV2	15750	23783	1.74%	0.188%
34	19.225	2709	2712	2716	rVB2	18374	24574	1.80%	0.195%
35	19.313	2724	2727	2732	rVB3	16563	25750	1.89%	0.204%
36	19.395	2737	2741	2746	rBV2	44009	72690	5.33%	0.576%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056575.D
Acq On : 7 Feb 2023 20:06
Operator : CG/JU
Sample : 01445-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

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	19.548	2763	2767	2772	rVB3	34551	56082	4.11%	0.444%
38	19.666	2781	2787	2793	rBV	920394	1285247	94.23%	10.176%
39	19.760	2799	2803	2806	rBV2	22144	30665	2.25%	0.243%
40	19.995	2837	2843	2845	rBV2	142907	260435	19.09%	2.062%
41	20.030	2845	2849	2855	rVV	912299	1287544	94.40%	10.194%
42	20.089	2856	2859	2864	rVB2	46066	66563	4.88%	0.527%
43	20.200	2874	2878	2883	rBV2	224485	298960	21.92%	2.367%
44	20.347	2898	2903	2909	rVB3	56013	111918	8.21%	0.886%
45	20.506	2928	2930	2934	rVB	101698	123688	9.07%	0.979%
46	20.606	2945	2947	2950	rVB	38085	37987	2.78%	0.301%
47	20.806	2978	2981	2986	rBV	56014	83741	6.14%	0.663%
48	20.858	2987	2990	2996	rVB	52292	75500	5.54%	0.598%
49	21.287	3061	3063	3071	rVB	51104	76163	5.58%	0.603%
50	21.581	3109	3113	3118	rBV2	67069	108697	7.97%	0.861%
51	21.916	3162	3170	3176	rBV3	478743	1363993	100.00%	10.800%
52	21.969	3176	3179	3192	rVB	343605	591704	43.38%	4.685%
53	22.133	3203	3207	3214	rVB	74990	131468	9.64%	1.041%
54	24.255	3560	3568	3576	rBV	245915	838917	61.50%	6.642%
55	25.030	3694	3700	3714	rVB	182592	534882	39.21%	4.235%
56	25.189	3719	3727	3739	rVB	243708	697773	51.16%	5.525%
57	25.347	3747	3754	3763	rBV3	191586	511549	37.50%	4.050%

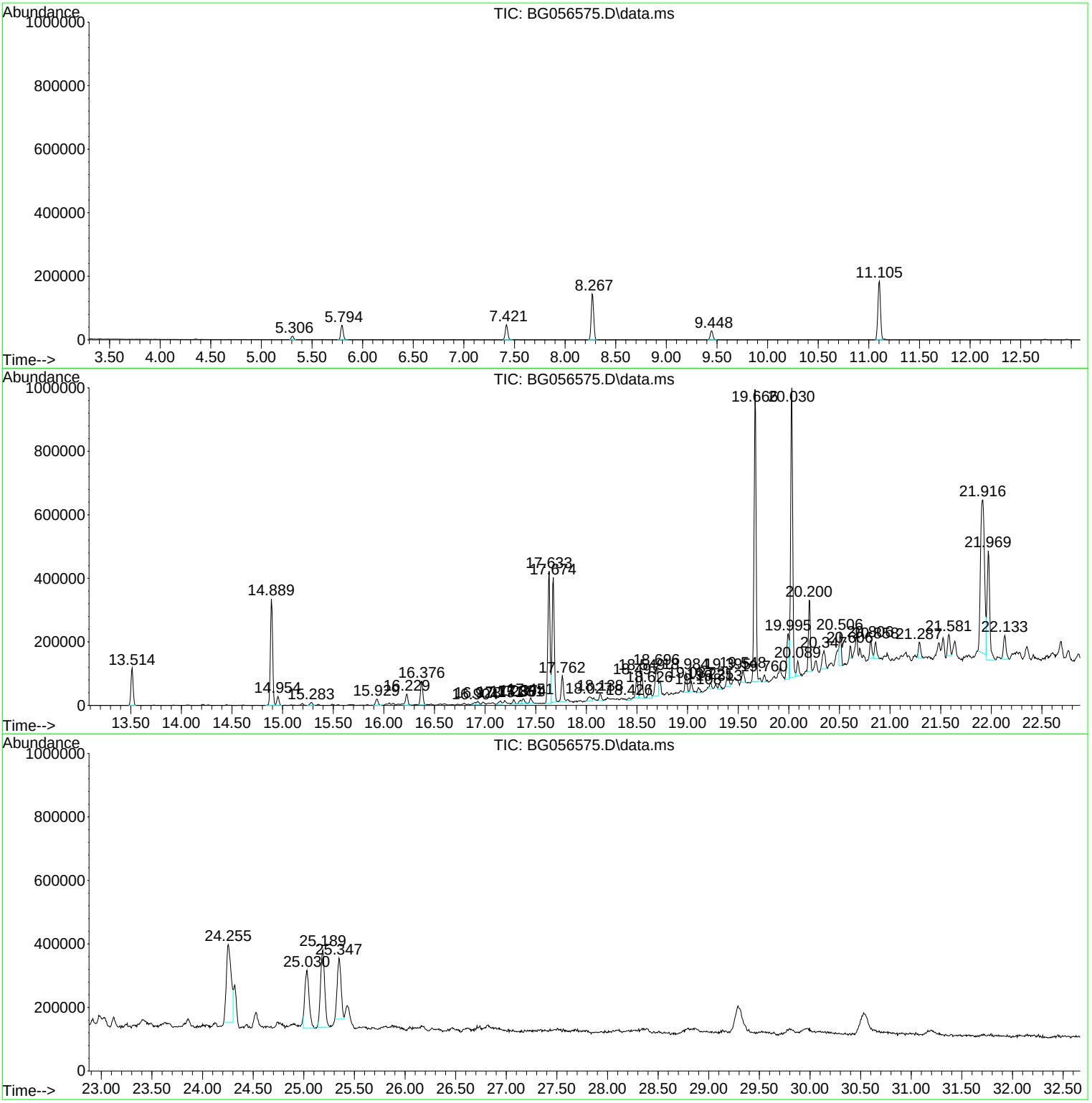
Sum of corrected areas: 12630076

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056575.D
Acq On : 7 Feb 2023 20:06
Operator : CG/JU
Sample : 01445-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

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\BG020723\
Data File : BG056575.D
Acq On : 7 Feb 2023 20:06
Operator : CG/JU
Sample : 01445-03 10X
Misc :
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Instrument :
BNA_G
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JPP-26-020323

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

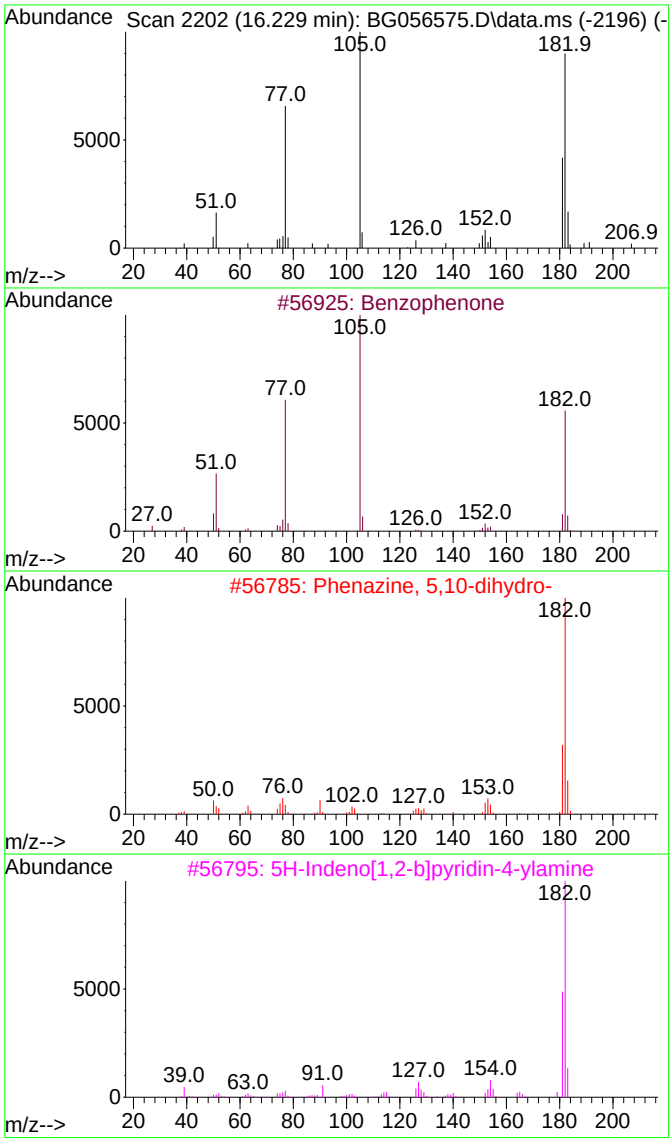
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

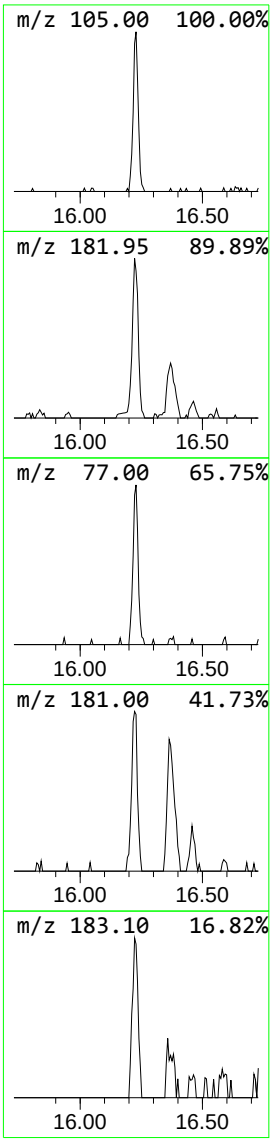
****

Peak Number 1 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.229	2.21 ng	56948	Acenaphthene-d10	14.889

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	81
2	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	58
3	5H-Indeno[1,2-b]pyridin-4-ylamine	182	C12H10N2	1000303-41-6	52
4	cis-4-Chlorocinnamic acid	182	C9H7ClO2	005676-62-0	47
5	Benzaldehyde, p-chloro-, dimethy...	182	C9H11ClN2	022699-29-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056575.D
Acq On : 7 Feb 2023 20:06
Operator : CG/JU
Sample : 01445-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

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

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

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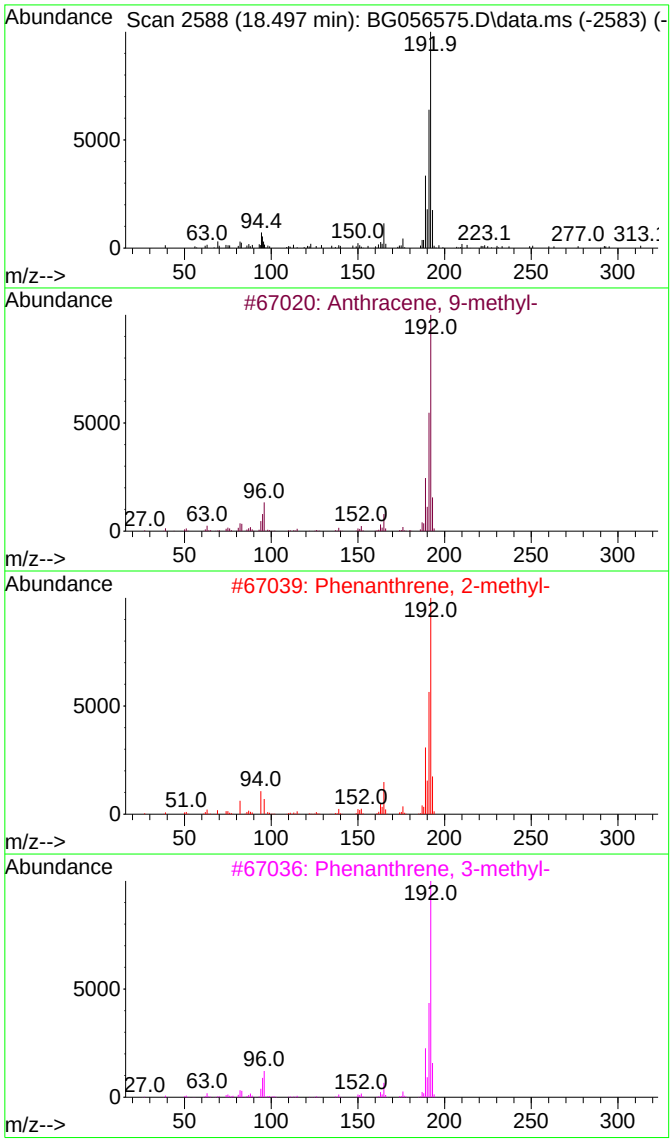
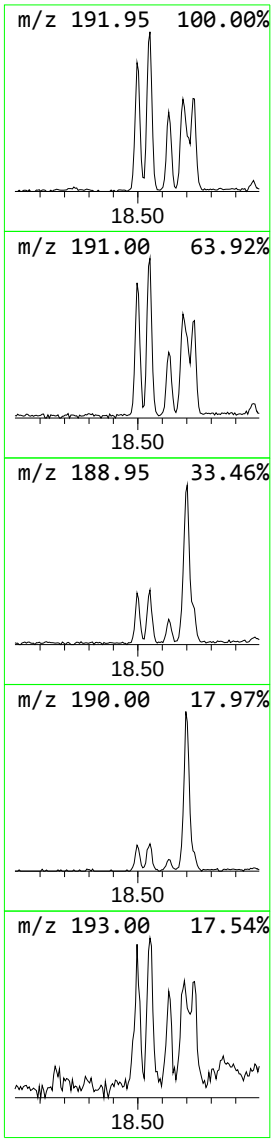
Peak Number 2 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.497	2.90 ng	91214	Phenanthrene-d10	17.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056575.D
Acq On : 7 Feb 2023 20:06
Operator : CG/JU
Sample : 01445-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

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

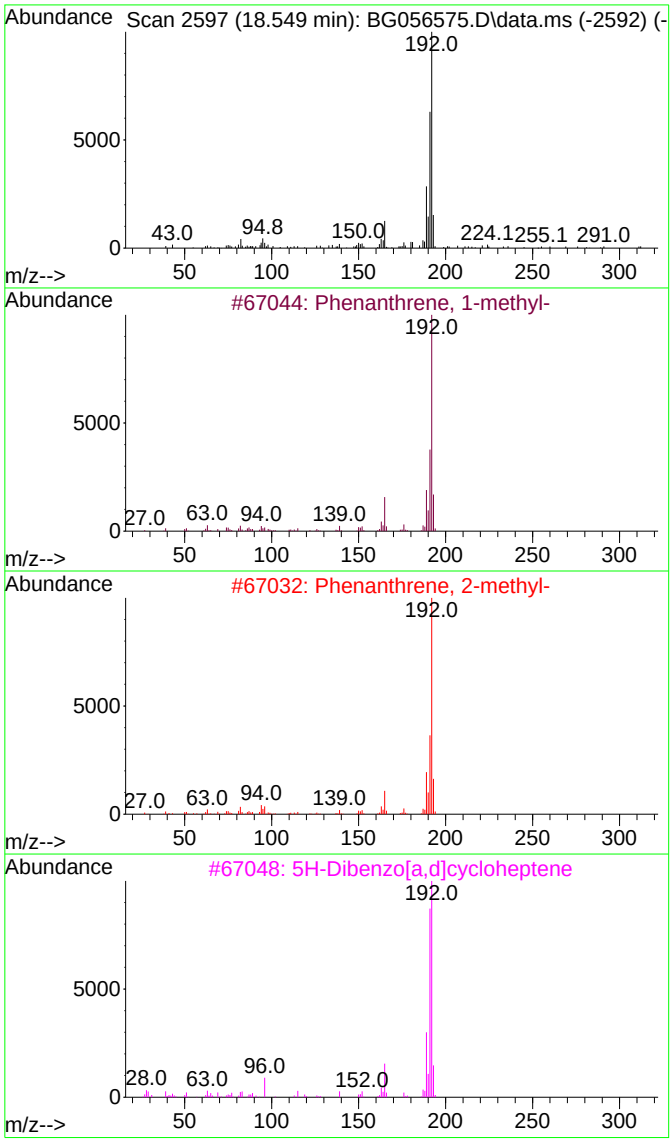
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

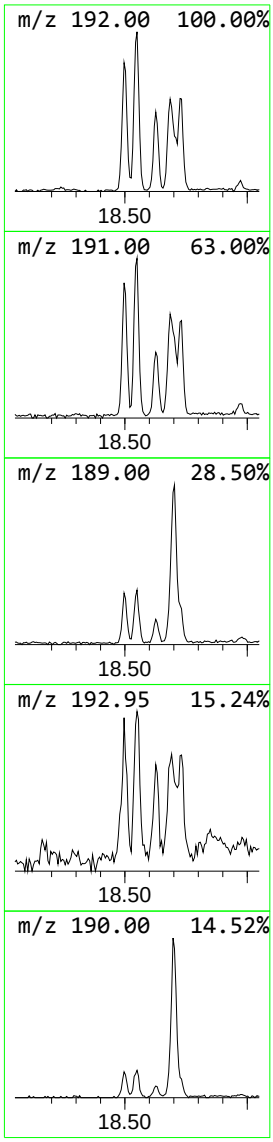
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.549	3.72 ng	117160	Phenanthrene-d10	17.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056575.D
Acq On : 7 Feb 2023 20:06
Operator : CG/JU
Sample : 01445-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

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

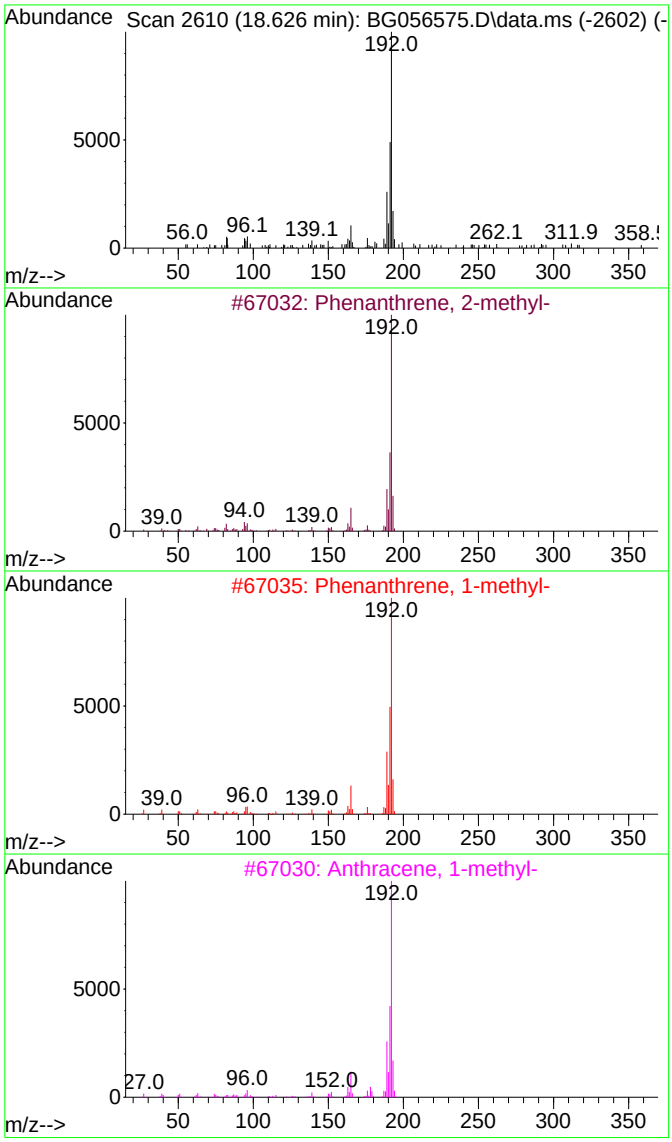
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

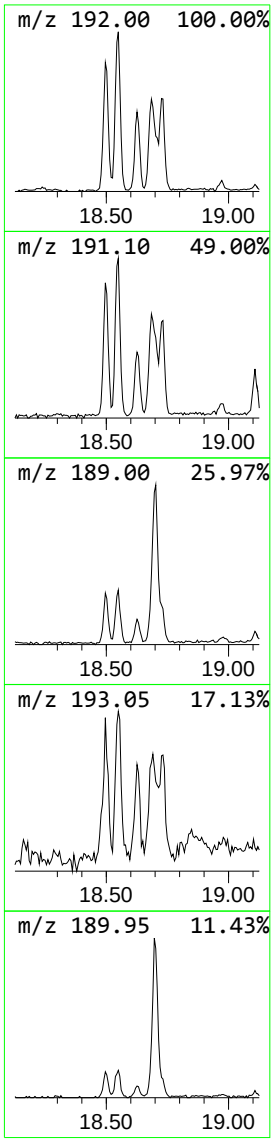
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.626	2.19 ng	68955	Phenanthrene-d10	17.633

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	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056575.D
Acq On : 7 Feb 2023 20:06
Operator : CG/JU
Sample : 01445-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

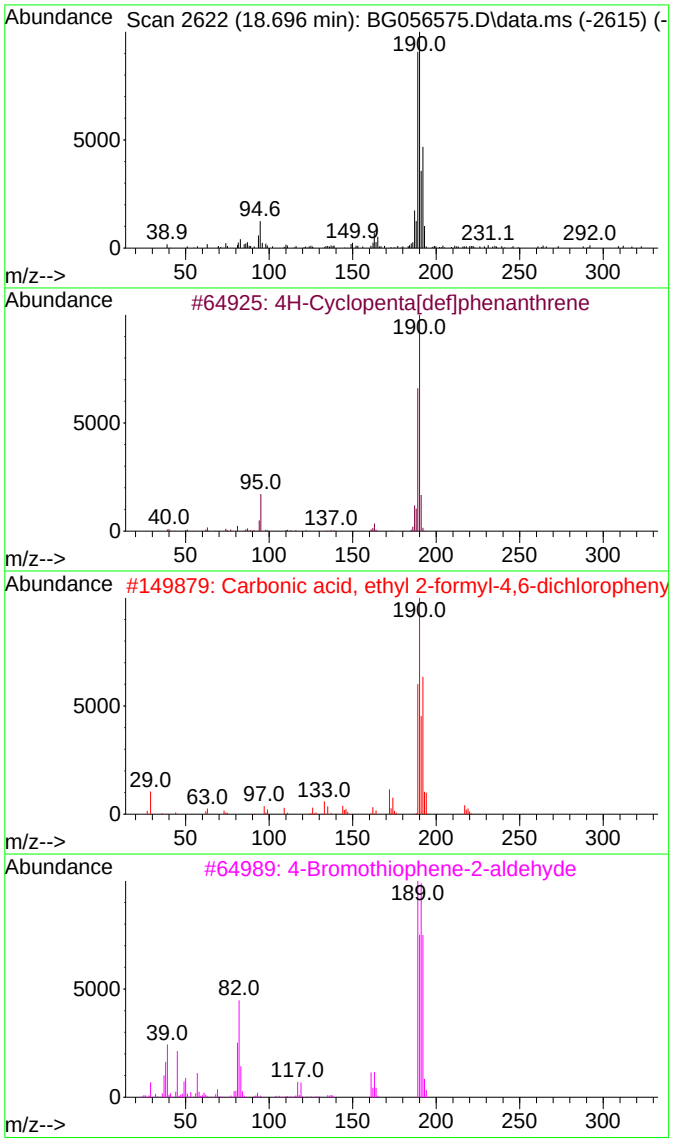
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

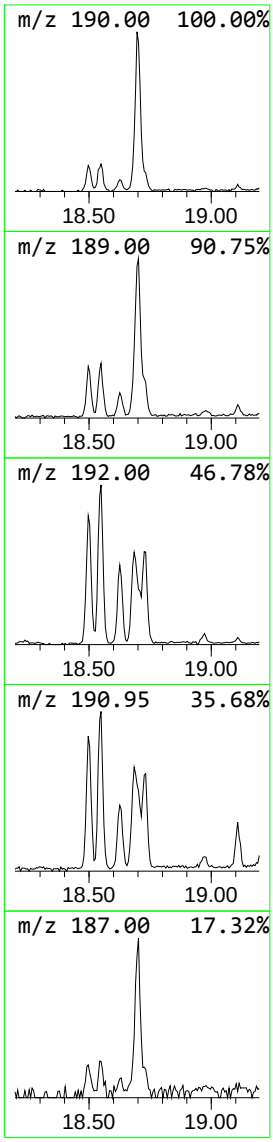
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.696	5.59 ng	176145	Phenanthrene-d10	17.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	33
4	Methyl diselenide	190	C2H6Se2	007101-31-7	27
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056575.D
Acq On : 7 Feb 2023 20:06
Operator : CG/JU
Sample : 01445-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

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

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

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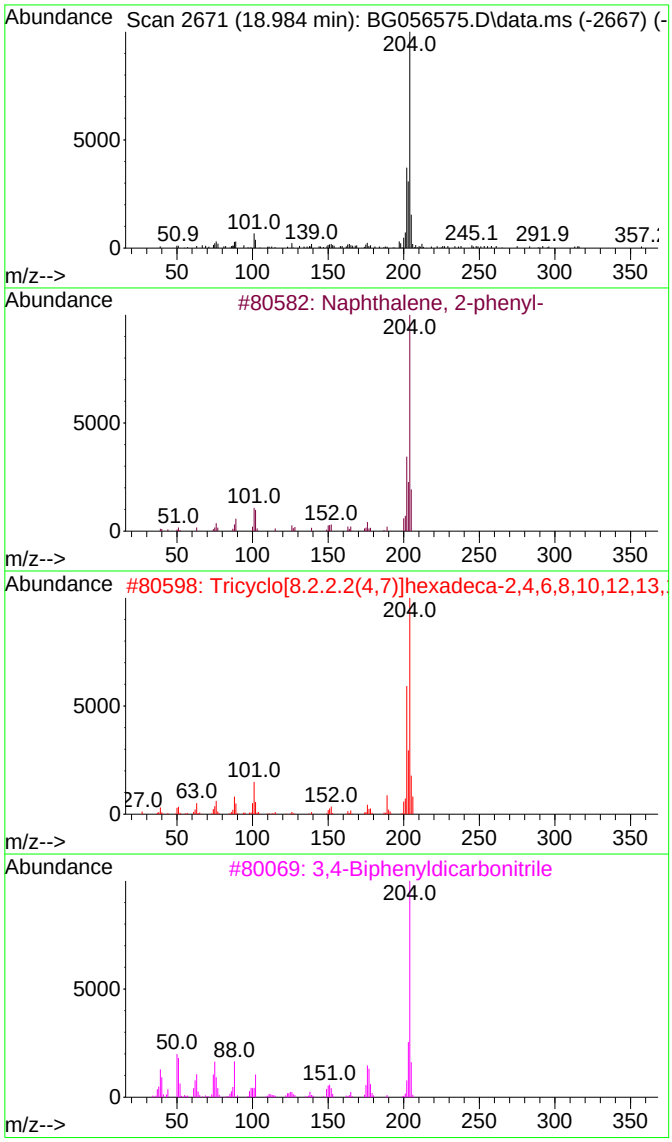
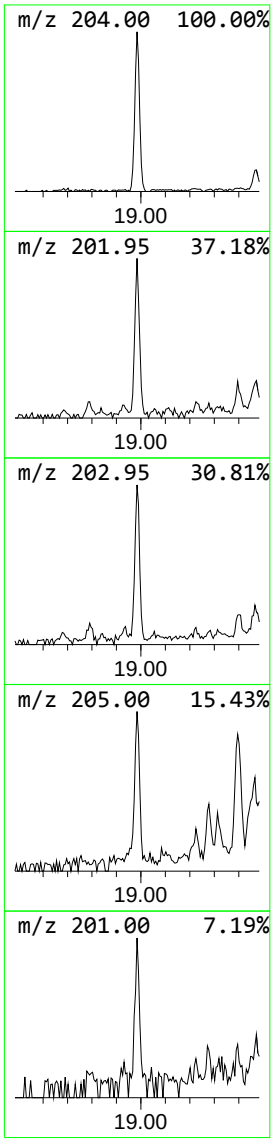
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.984	2.59 ng	81598	Phenanthrene-d10	17.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056575.D
Acq On : 7 Feb 2023 20:06
Operator : CG/JU
Sample : 01445-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

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

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

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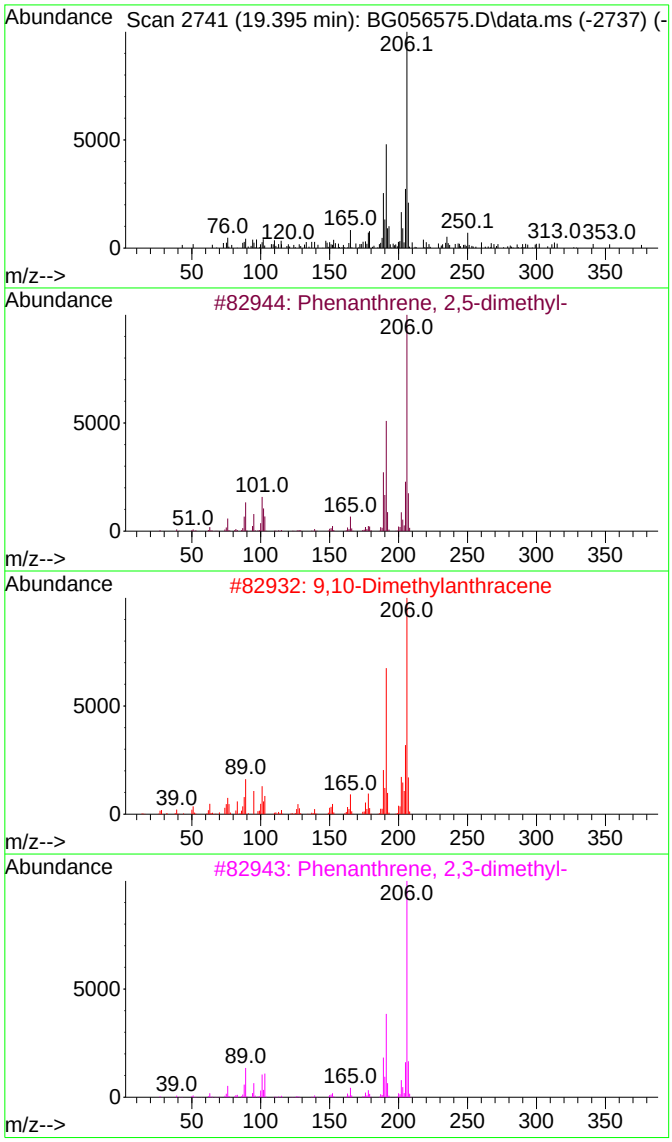
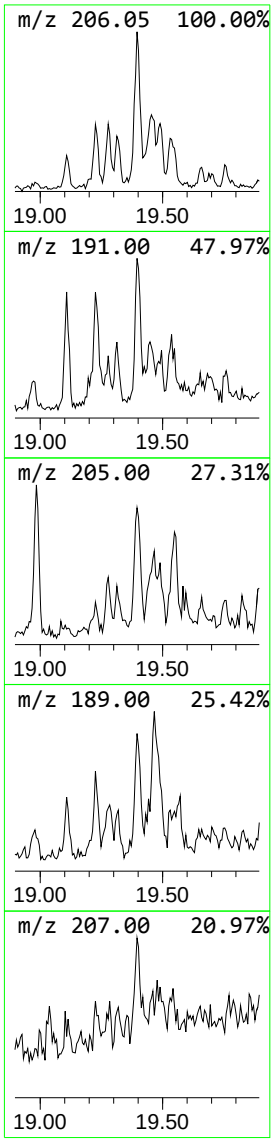
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.395	2.31 ng	72690	Phenanthrene-d10	17.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056575.D
Acq On : 7 Feb 2023 20:06
Operator : CG/JU
Sample : 01445-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

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

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

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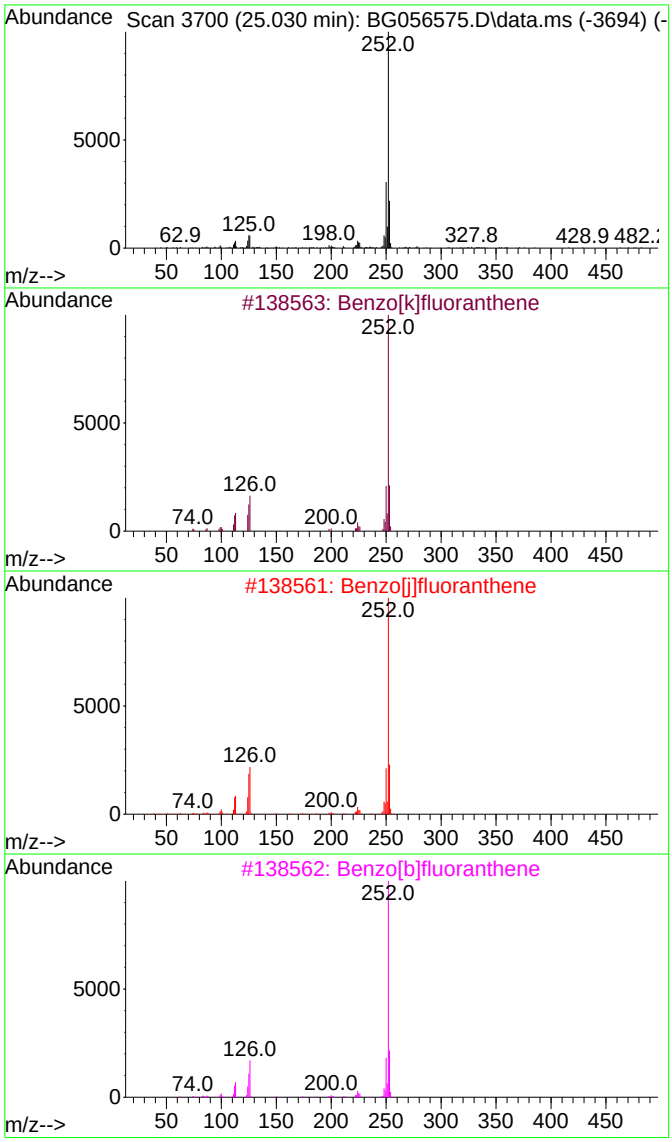
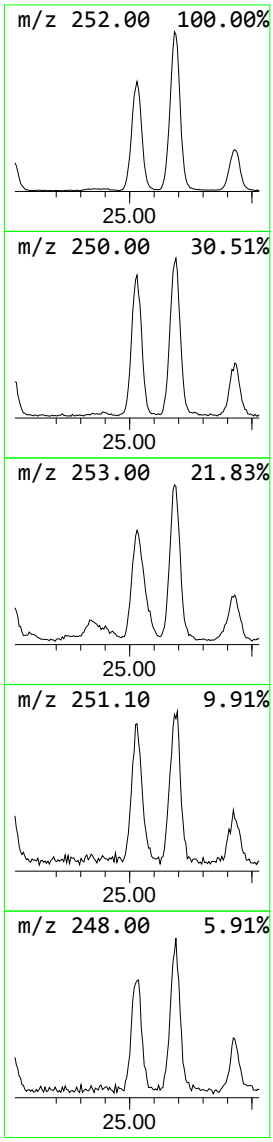
Peak Number 8 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.030	20.91 ng	534882	Perylene-d12	25.353

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[e]pyrene	252	C20H12	000192-97-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056575.D
Acq On : 7 Feb 2023 20:06
Operator : CG/JU
Sample : 01445-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

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
Benzophenone	16.229	2.2	ng	56948	3	14.889	516403	20.0
Anthracene, 9-m...	18.497	2.9	ng	91214	4	17.633	630039	20.0
Phenanthrene, 1...	18.549	3.7	ng	117160	4	17.633	630039	20.0
Phenanthrene, 2...	18.626	2.2	ng	68955	4	17.633	630039	20.0
4H-Cyclopenta[d...	18.696	5.6	ng	176145	4	17.633	630039	20.0
Naphthalene, 2-...	18.984	2.6	ng	81598	4	17.633	630039	20.0
Phenanthrene, 2...	19.395	2.3	ng	72690	4	17.633	630039	20.0
Benzo[j]fluoran...	25.030	20.9	ng	534882	6	25.353	511549	20.0