LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056054.D
Acq On : 21 Dec 2022 18:46
Operator : CG/JU
Sample : N6038-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-32-(1.5-3.5)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056054.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.879	436	441	447	rBB	19317	27293	7.12%	0.992%
2	7.489	709	715	721	rBB	25038	41487	10.82%	1.509%
3	8.364	858	864	870	rBB	40037	64800	16.90%	2.356%
4	9.534	1057	1063	1069	rBB	14341	25018	6.53%	0.910%
5	11.196	1339	1346	1353	rBV	52983	93504	24.39%	3.400%
6	13.599	1749	1755	1761	rBB	71229	107160	27.95%	3.897%
7	14.698	1936	1942	1948	rBV2	2391	4383	1.14%	0.159%
8	14.968	1982	1988	1994	rBV	98342	149159	38.90%	5.424%
9	15.362	2049	2055	2059	rVB	3542	4962	1.29%	0.180%
10	16.008	2161	2165	2171	rVB2	4115	5783	1.51%	0.210%
11	16.302	2210	2215	2219	rBV4	3475	5655	1.47%	0.206%
12	16.443	2233	2239	2247	rBV	96239	143850	37.52%	5.231%
13	17.354	2389	2394	2400	rVB4	7576	12874	3.36%	0.468%
14	17.524	2418	2423	2429	rBV	3583	7682	2.00%	0.279%
15	17.706	2448	2454	2458	rBV	132602	201273	52.50%	7.319%
16	17.747	2458	2461	2469	rVB	82856	113621	29.64%	4.132%
17	17.836	2469	2476	2480	rBV2	6620	12709	3.31%	0.462%
18	18.100	2515	2521	2526	rVV3	9800	16782	4.38%	0.610%
19	18.288	2551	2553	2558	rVB6	3334	4381	1.14%	0.159%
20	18.570	2594	2601	2606	rBV3	11333	23710	6.18%	0.862%
21	18.623	2606	2610	2618	rVB	16504	24975	6.51%	0.908%
22	18.770	2629	2635	2638	rBV4	11618	22086	5.76%	0.803%
23	18.799	2638	2640	2644	rVB2	7837	10896	2.84%	0.396%
24	19.058	2679	2684	2688	rBV	10120	18378	4.79%	0.668%
25	19.105	2688	2692	2698	rVV	25013	34004	8.87%	1.236%
26	19.346	2731	2733	2739	rBV7	4295	8073	2.11%	0.294%
27	19.610	2774	2778	2784	rBV3	10761	17893	4.67%	0.651%
28	19.739	2794	2800	2805	rBV	121454	182119	47.50%	6.622%
29	19.927	2828	2832	2835	rBV6	9950	14091	3.68%	0.512%
30	20.056	2850	2854	2856	rBV	22838	28981	7.56%	1.054%
31	20.098	2856	2861	2867	rVB	113799	165271	43.11%	6.010%
32	20.280	2886	2892	2896	rBV	196640	273480	71.33%	9.945%
33	21.713	3134	3136	3148	rVB2	21259	41401	10.80%	1.505%
34	22.007	3178	3186	3192	rBV2	158186	383400	100.00%	13.942%
35	22.060	3192	3195	3202	rVB	57503	94853	24.74%	3.449%
36	24.398	3586	3593	3601	rBV2	37071	136884	35.70%	4.978%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056054.D
Acq On : 21 Dec 2022 18:46
Operator : CG/JU
Sample : N6038-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-32-(1.5-3.5)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	25.503	3774	3781	3791	rVB2	79981	227184	59.26%	8.261%

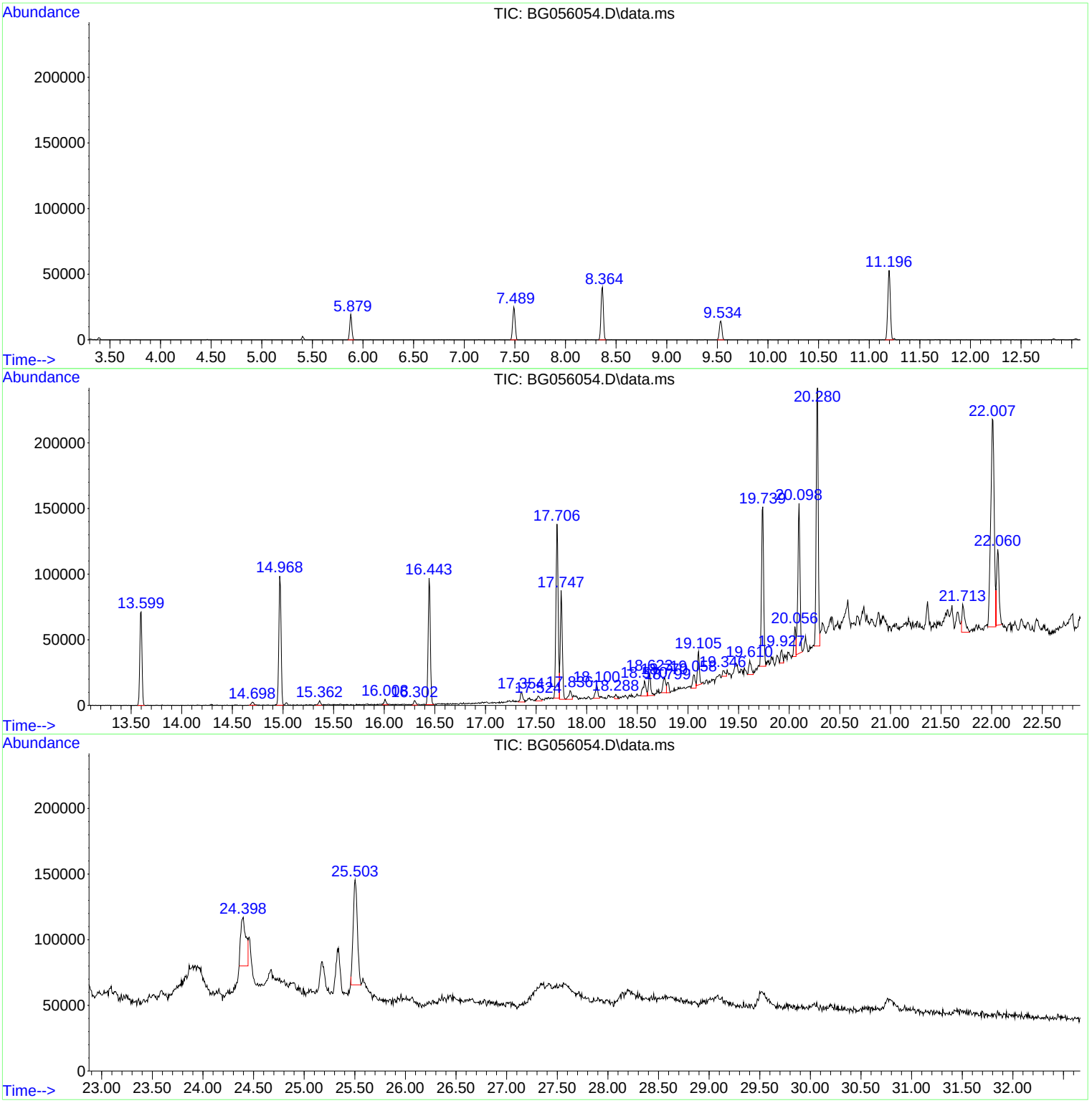
Sum of corrected areas: 2750055

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056054.D
Acq On : 21 Dec 2022 18:46
Operator : CG/JU
Sample : N6038-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-32-(1.5-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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\BG122122\
Data File : BG056054.D
Acq On : 21 Dec 2022 18:46
Operator : CG/JU
Sample : N6038-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-32-(1.5-3.5)

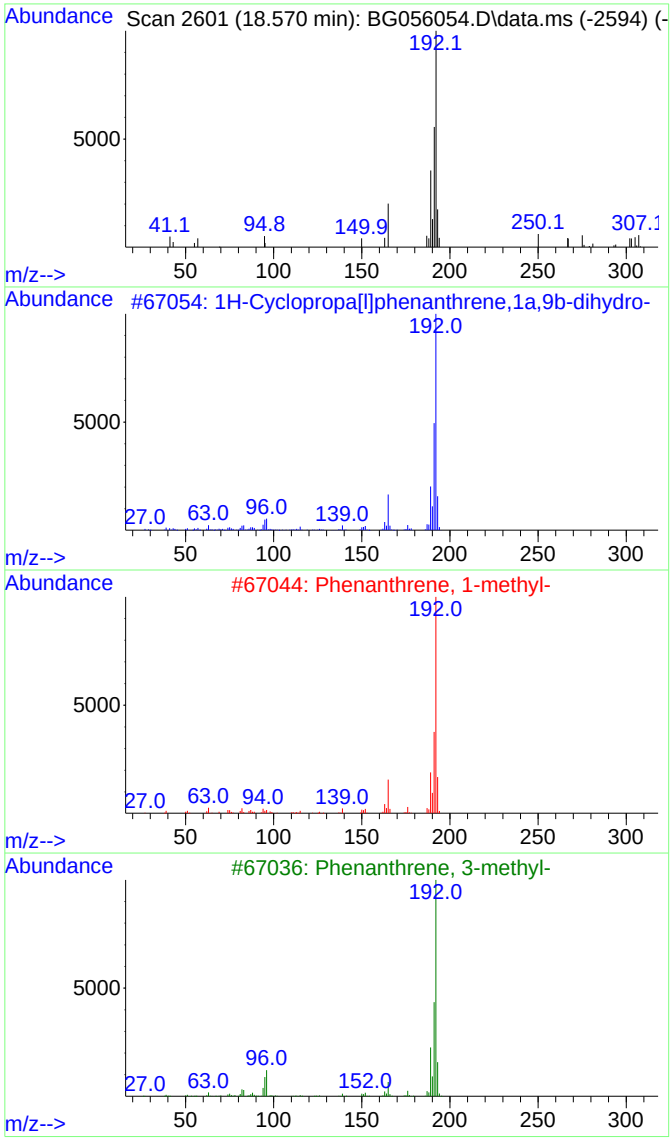
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

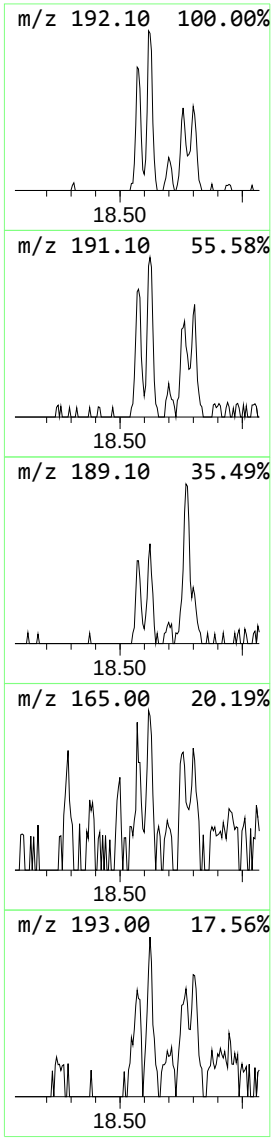
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.570	2.36 ng	23710	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	62
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	62
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	58
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056054.D
Acq On : 21 Dec 2022 18:46
Operator : CG/JU
Sample : N6038-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-32-(1.5-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

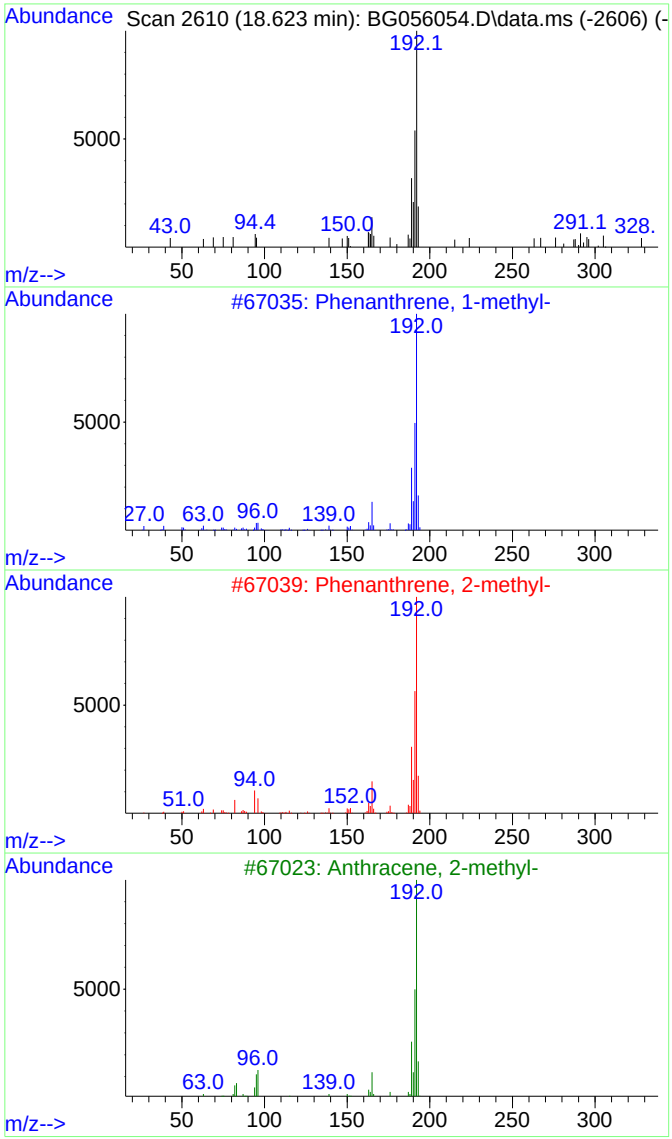
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

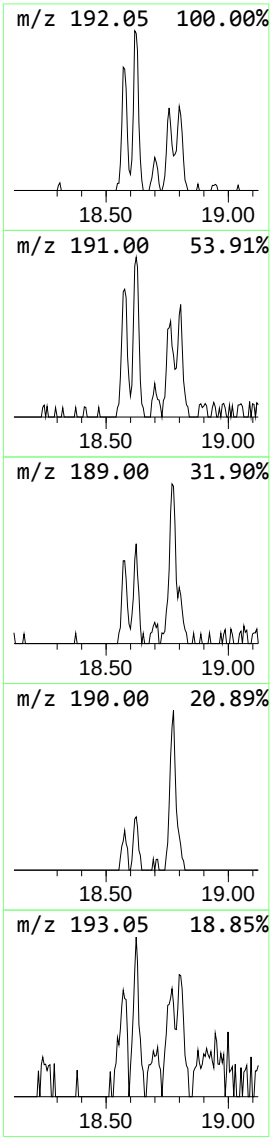
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.623	2.48 ng	24975	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056054.D
Acq On : 21 Dec 2022 18:46
Operator : CG/JU
Sample : N6038-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-32-(1.5-3.5)

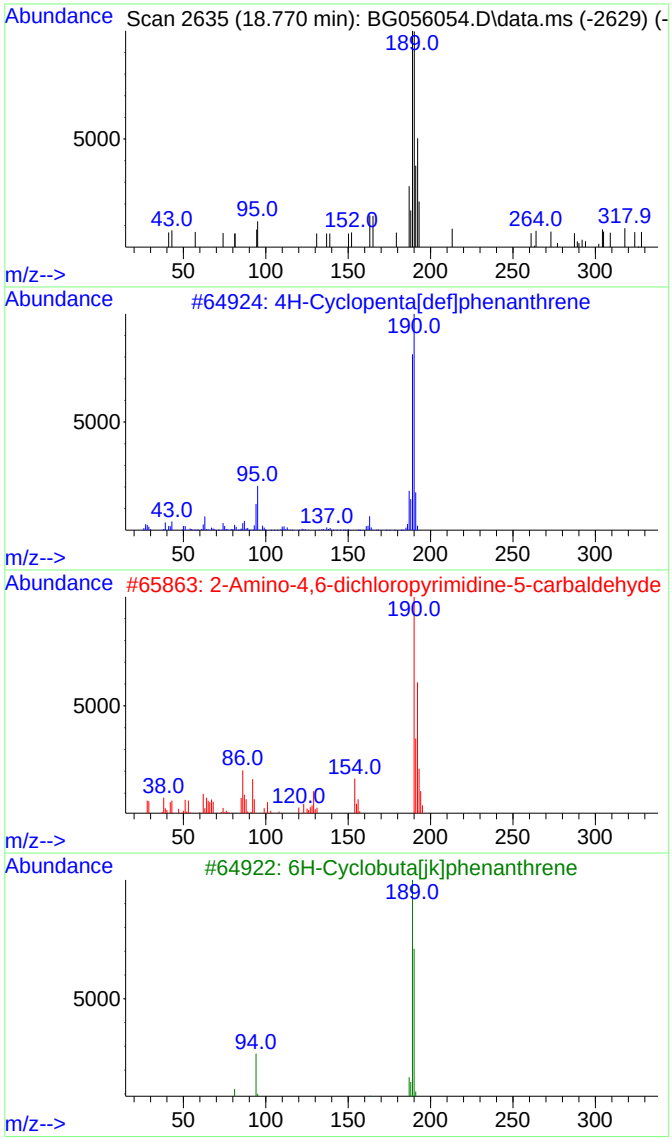
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

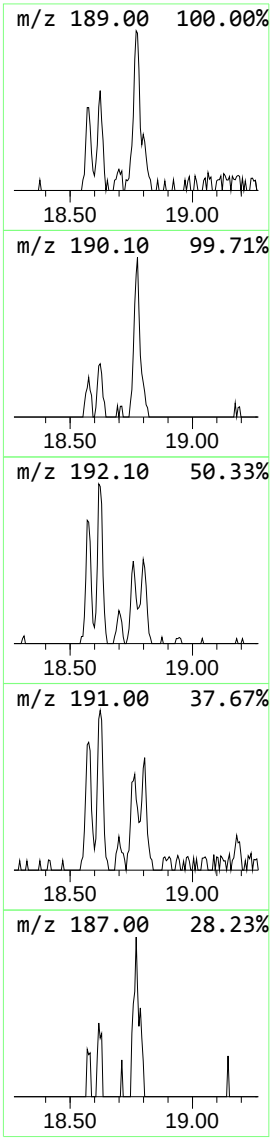
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.770	2.19 ng	22086	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	46
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	6-Bromo-9-phenanthrene diazometh...	324	C16H9BrN2O	1000254-49-2	27
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056054.D
Acq On : 21 Dec 2022 18:46
Operator : CG/JU
Sample : N6038-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-32-(1.5-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

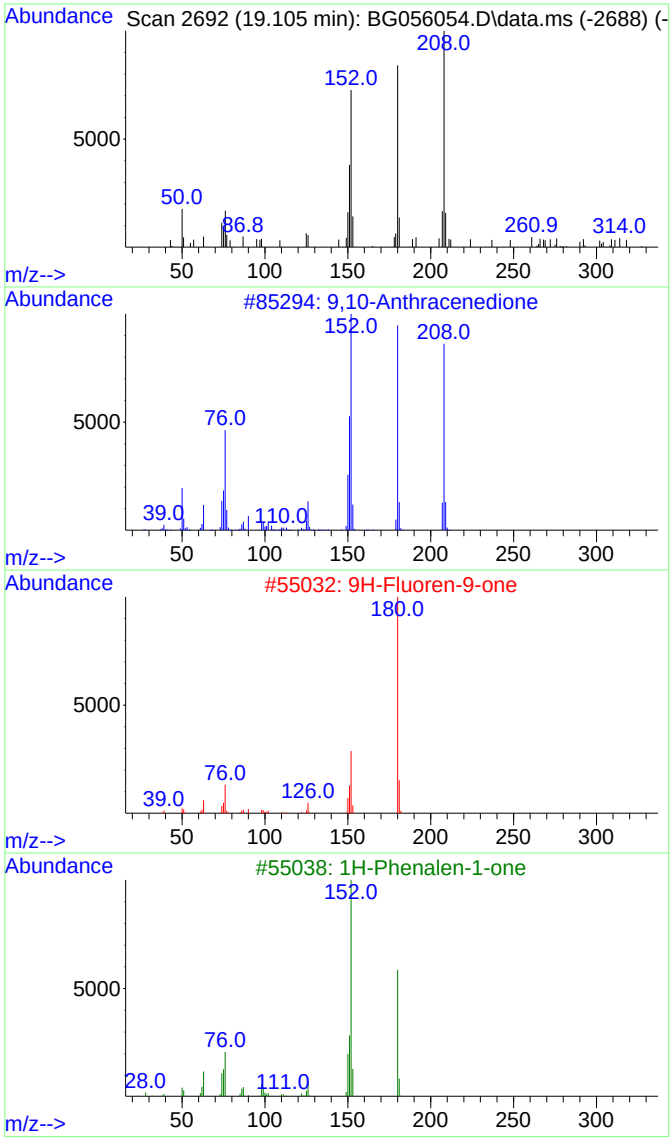
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

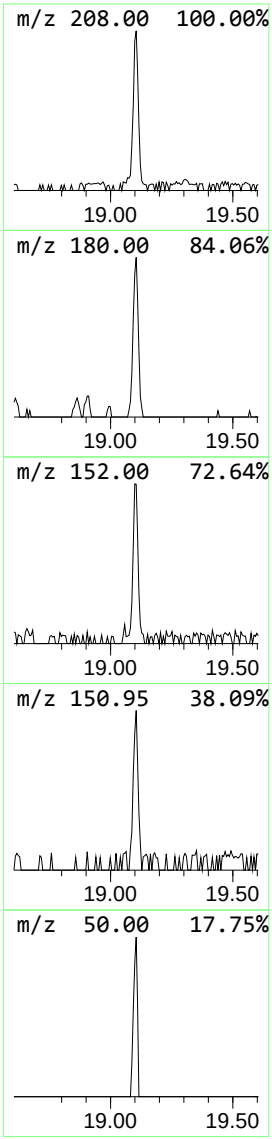
****

Peak Number 4 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.105	3.38 ng	34004	Phenanthrene-d10	17.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
4	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	49
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056054.D
Acq On : 21 Dec 2022 18:46
Operator : CG/JU
Sample : N6038-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-32-(1.5-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

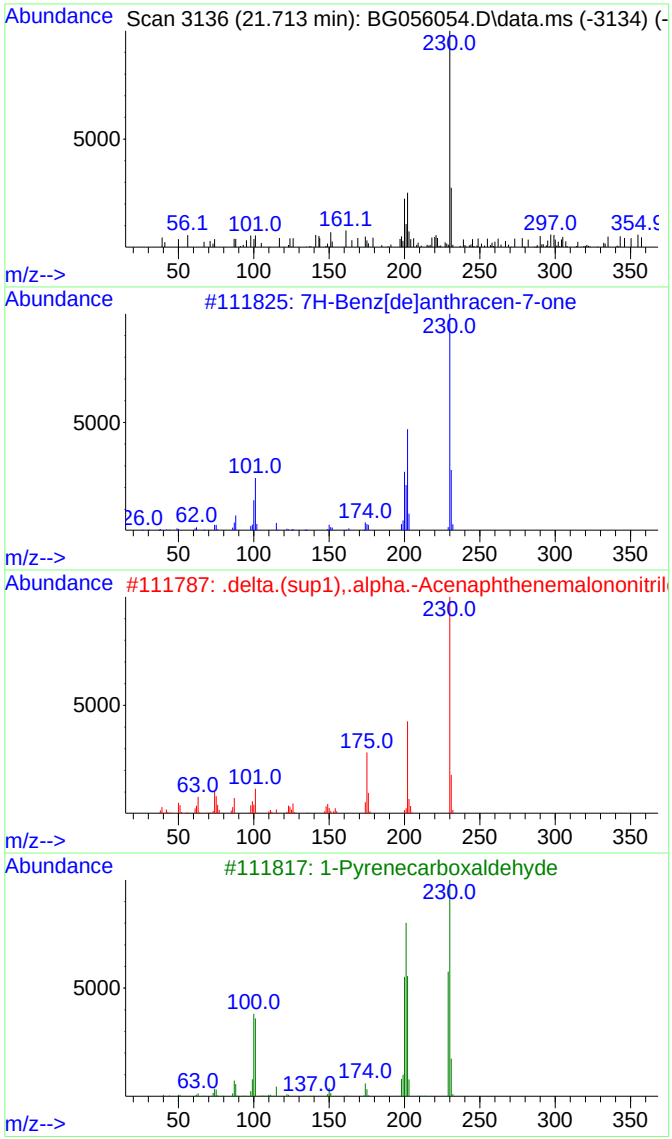
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

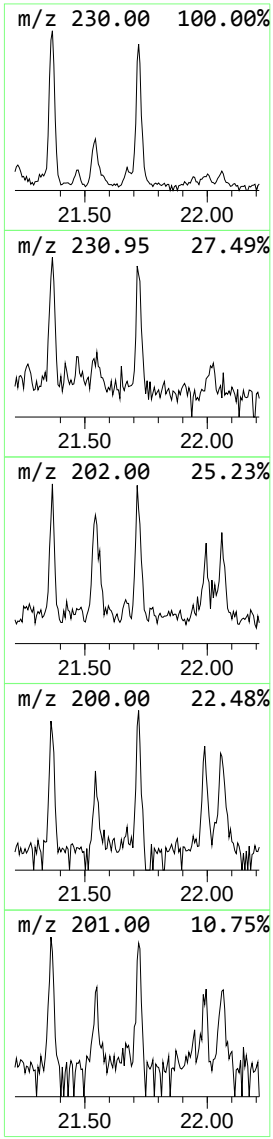
****

Peak Number 5 7H-Benz[de]anthracen-7-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.713	2.16 ng	41401	Chrysene-d12	22.013

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
2	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	50
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	45
4	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	43
5	p-Terphenyl	230	C18H14	000092-94-4	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056054.D
Acq On : 21 Dec 2022 18:46
Operator : CG/JU
Sample : N6038-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-32-(1.5-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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
1H-Cyclopropa[l...	18.570	2.4	ng	23710	4	17.706	201273	20.0
Phenanthrene, 1...	18.623	2.5	ng	24975	4	17.706	201273	20.0
4H-Cyclopenta[d...	18.770	2.2	ng	22086	4	17.706	201273	20.0
9,10-Anthracene...	19.105	3.4	ng	34004	4	17.706	201273	20.0
7H-Benz[de]anth...	21.713	2.2	ng	41401	5	22.013	383400	20.0