LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053058.D
Acq On : 6 Apr 2022 17:08
Operator : CG/JU
Sample : N2257-07
Misc :
ALS Vial : 8 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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053058.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.694	384	392	400	rBV	566809	913546	44.12%	4.452%
2	7.286	654	663	671	rBV	607676	1086684	52.48%	5.296%
3	8.126	800	806	813	rVB	132623	220389	10.64%	1.074%
4	9.289	996	1004	1013	rBV	384756	701155	33.86%	3.417%
5	10.940	1277	1285	1291	rBV	169981	325035	15.70%	1.584%
6	10.993	1291	1294	1300	rVB4	13893	21479	1.04%	0.105%
7	13.372	1691	1699	1706	rBV	994152	1555079	75.10%	7.579%
8	14.071	1810	1818	1823	rBV4	18078	31576	1.52%	0.154%
9	14.476	1881	1887	1895	rBV2	24173	55621	2.69%	0.271%
10	14.746	1924	1933	1939	rBV	297054	488482	23.59%	2.381%
11	14.811	1939	1944	1950	rVV2	22136	35592	1.72%	0.173%
12	15.140	1996	2000	2007	rVB	27146	42717	2.06%	0.208%
13	15.792	2107	2111	2115	rBV2	26263	37848	1.83%	0.184%
14	16.233	2180	2186	2194	rBV	874703	1371482	66.24%	6.684%
15	17.496	2396	2401	2404	rBV	325081	511644	24.71%	2.493%
16	17.537	2404	2408	2415	rVB	490350	714590	34.51%	3.483%
17	18.371	2546	2550	2553	rBV	120870	169783	8.20%	0.827%
18	18.418	2554	2558	2564	rVB	120201	184112	8.89%	0.897%
19	18.900	2638	2640	2648	rVB3	100050	163222	7.88%	0.795%
20	19.105	2672	2675	2680	rVB3	126196	158371	7.65%	0.772%
21	19.546	2745	2750	2755	rVB	952367	1343192	64.87%	6.546%
22	19.869	2801	2805	2807	rBV	131995	197139	9.52%	0.961%
23	19.904	2807	2811	2818	rVB	884438	1264849	61.09%	6.164%
24	20.098	2838	2844	2849	rVB	1514893	2070606	100.00%	10.091%
25	20.533	2914	2918	2919	rBV4	75217	96126	4.64%	0.468%
26	21.155	3021	3024	3031	rVB	114286	170818	8.25%	0.832%
27	21.396	3061	3065	3069	rVV2	98695	148559	7.17%	0.724%
28	21.443	3070	3073	3078	rVV2	79091	121604	5.87%	0.593%
29	21.502	3079	3083	3088	rVB2	98287	154902	7.48%	0.755%
30	21.766	3121	3128	3134	rBV3	487451	1309528	63.24%	6.382%
31	21.825	3134	3138	3149	rVB	425760	783838	37.86%	3.820%
32	22.195	3196	3201	3206	rVB3	52311	95473	4.61%	0.465%
33	22.594	3266	3269	3276	rVB4	60109	115473	5.58%	0.563%
34	24.034	3505	3514	3522	rBV2	307127	1079249	52.12%	5.260%
35	24.780	3634	3641	3655	rVB	197987	610424	29.48%	2.975%
36	24.933	3658	3667	3678	rVB	261470	746267	36.04%	3.637%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053058.D
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Sample : N2257-07
Misc :
ALS Vial : 8 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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	25.091	3684	3694	3701	rBV2	175712	560832	27.09%	2.733%
38	28.868	4328	4337	4360	rVB3	137346	681220	32.90%	3.320%
39	30.037	4527	4536	4537	rBV	88396	180923	8.74%	0.882%

Sum of corrected areas: 20519429

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
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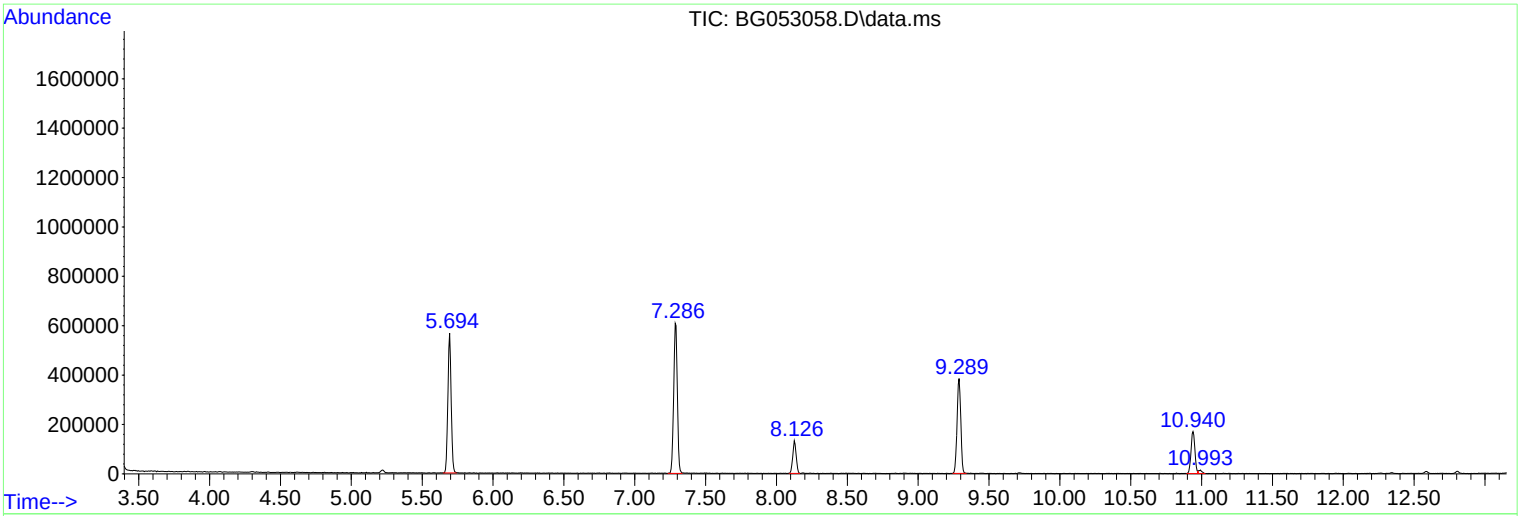
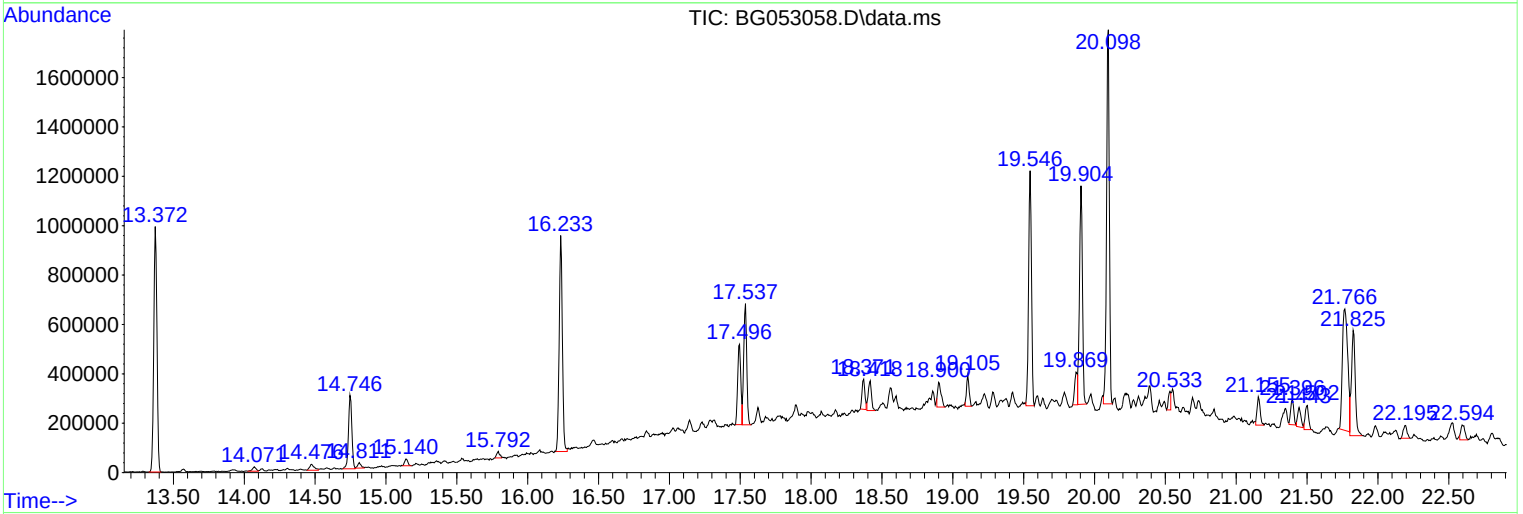
ALS Vial : 8 Sample Multiplier: 1

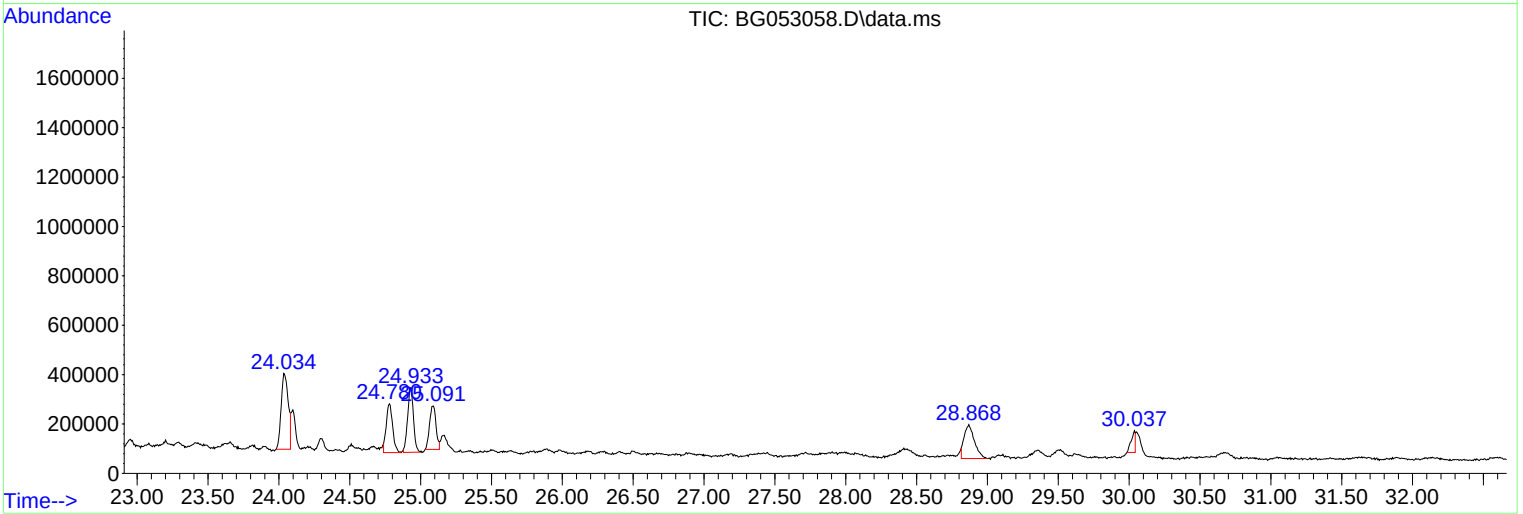
Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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\BG040622\
Data File : BG053058.D
Acq On : 6 Apr 2022 17:08
Operator : CG/JU
Sample : N2257-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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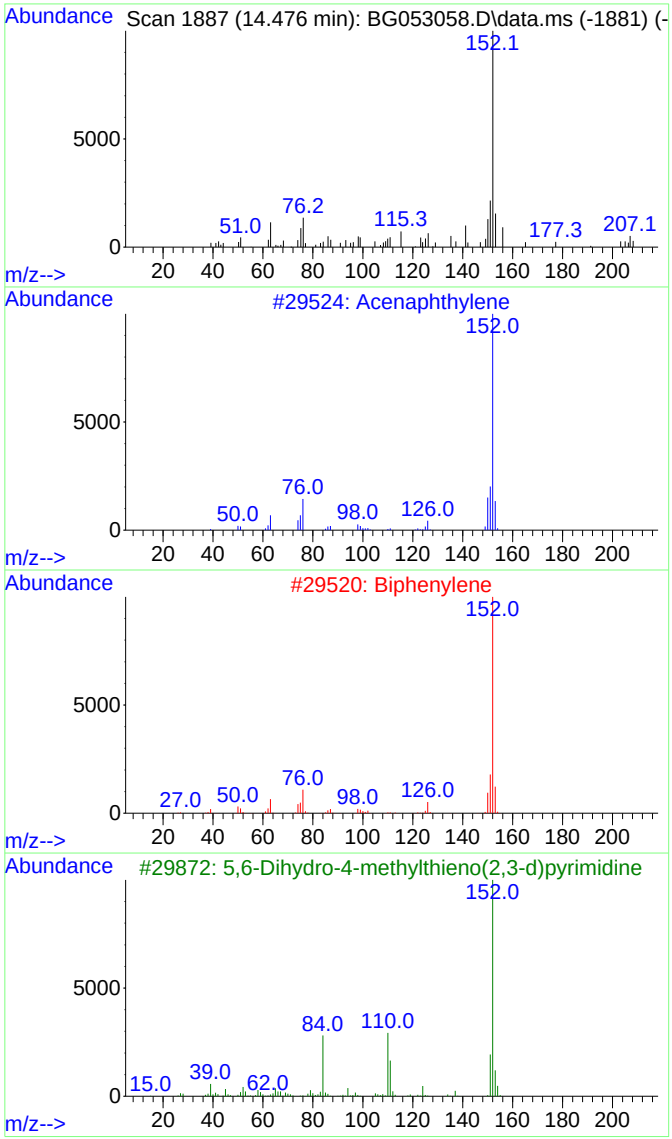
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

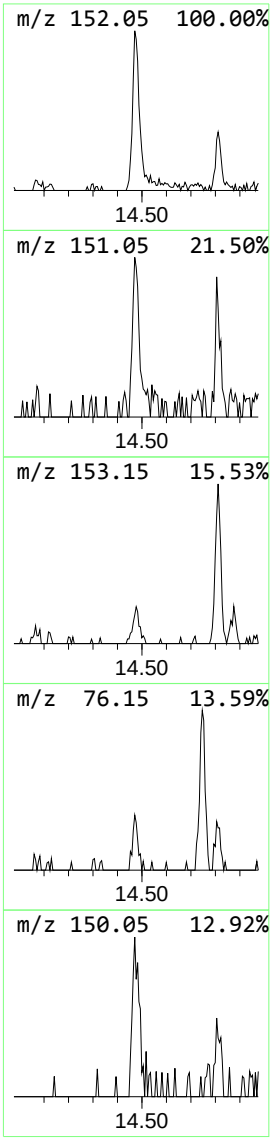
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 5,6-Dihydro-4-methylthieno(... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.476	2.28 ng	55621	Acenaphthene-d10	14.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthylene	152	C12H8	000208-96-8	76
2	Biphenylene	152	C12H8	000259-79-0	74
3	5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	52
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
5	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	45





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Data File : BG053058.D
Acq On : 6 Apr 2022 17:08
Operator : CG/JU
Sample : N2257-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

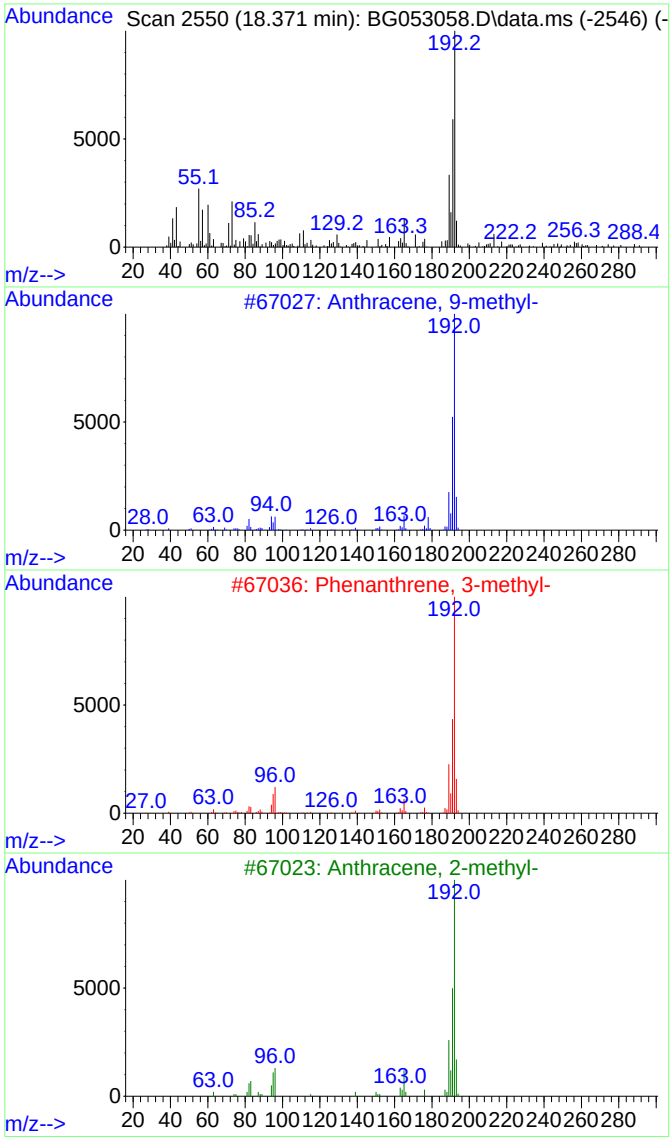
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

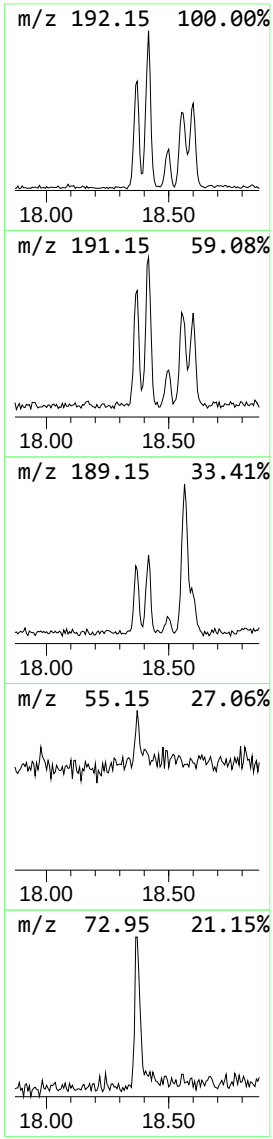
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.371	6.64 ng	169783	Phenanthrene-d10	17.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	70
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053058.D
Acq On : 6 Apr 2022 17:08
Operator : CG/JU
Sample : N2257-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

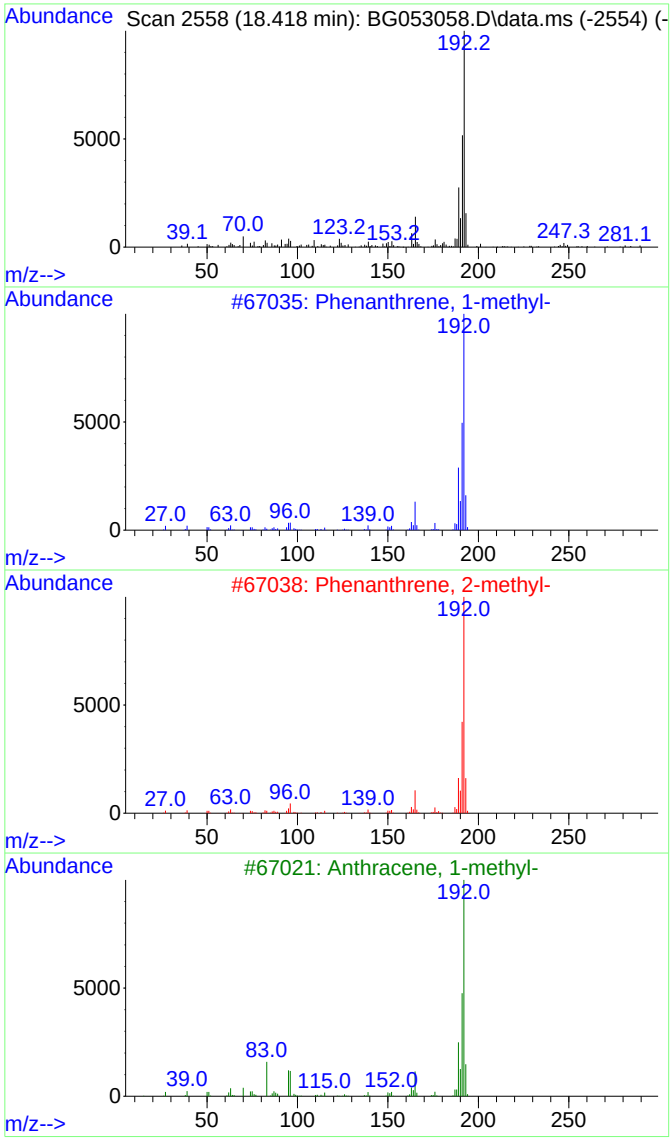
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

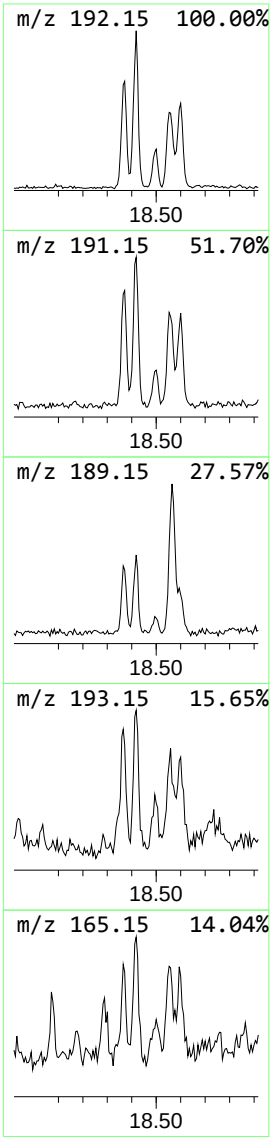
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.418	7.20 ng	184112	Phenanthrene-d10	17.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053058.D
Acq On : 6 Apr 2022 17:08
Operator : CG/JU
Sample : N2257-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

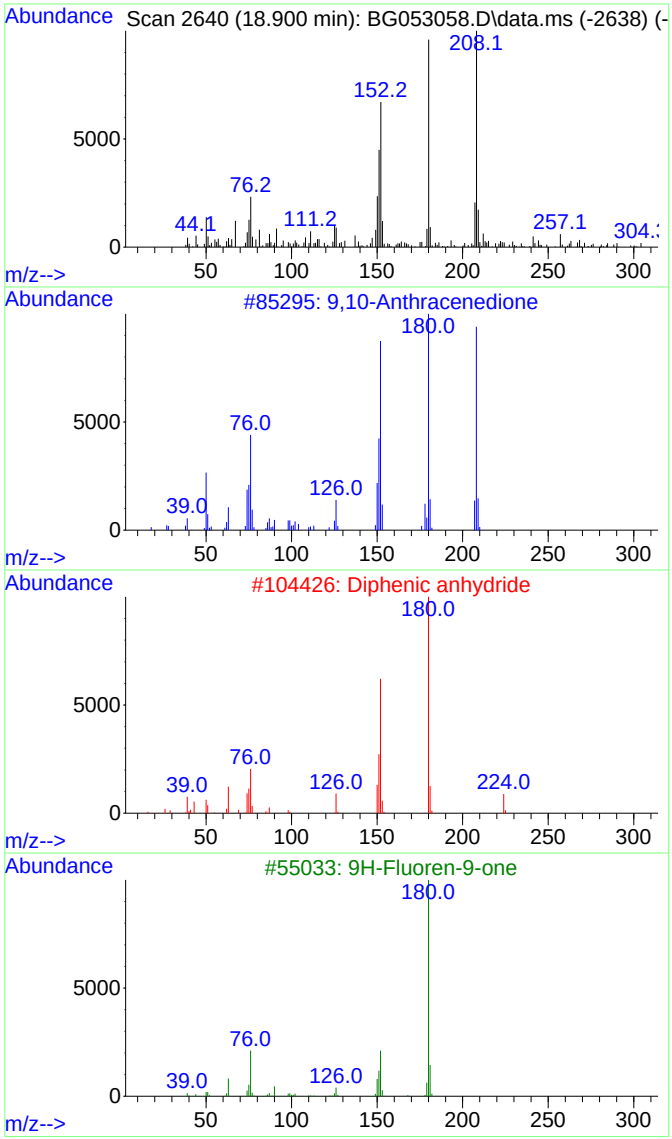
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

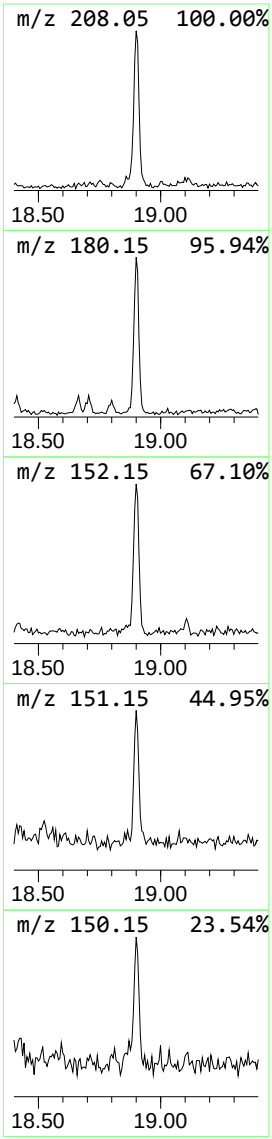
****

Peak Number 4 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.900	6.38 ng	163222	Phenanthrene-d10	17.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Diphenic anhydride	224	C14H8O3	006050-13-1	55
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
4	1-Phenylbicyclo(3.2.2)nona-3,6,8...	208	C15H12O	1010427-19-9	52
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053058.D
Acq On : 6 Apr 2022 17:08
Operator : CG/JU
Sample : N2257-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

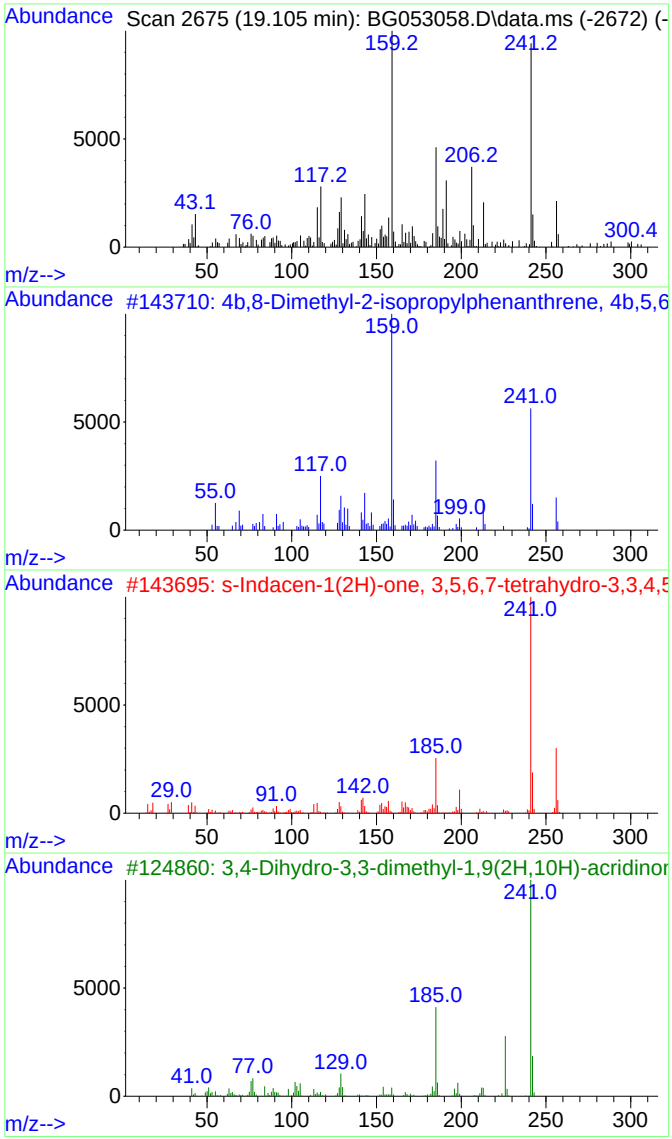
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

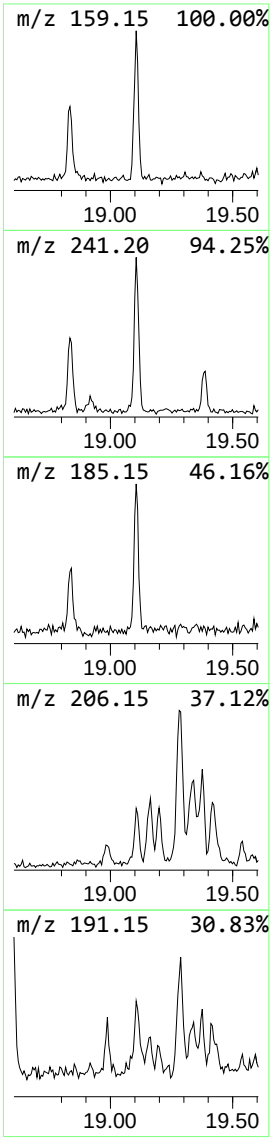
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4b,8-Dimethyl-2-isopropylph... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.105	6.19 ng	158371	Phenanthrene-d10	17.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	86
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	83
3	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	38
4	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	38
5	1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11NO3	055133-82-9	20





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Sample : N2257-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

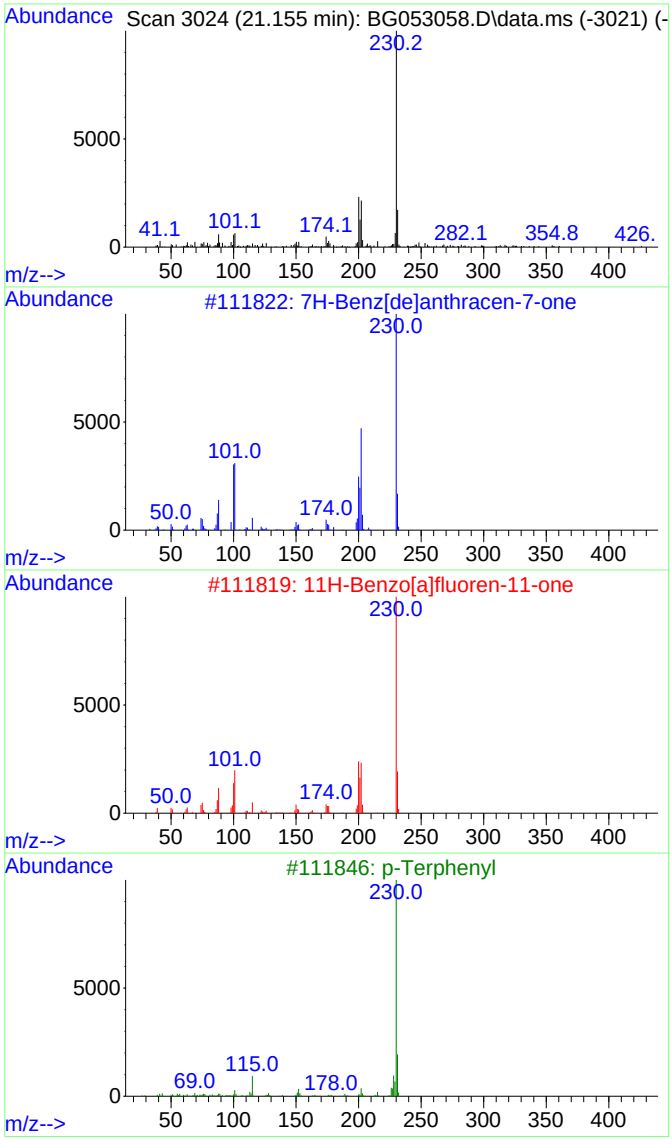
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

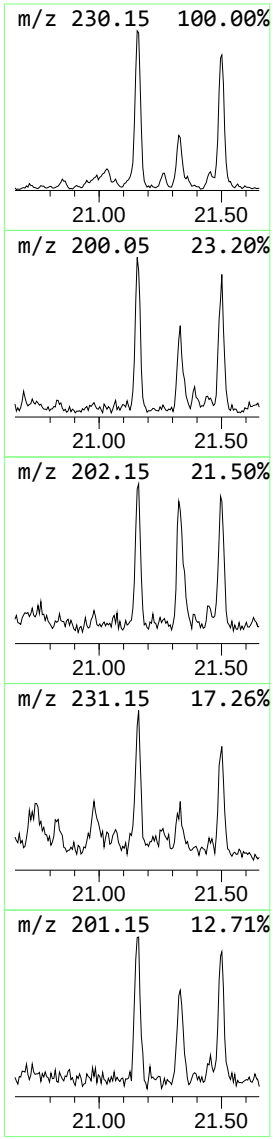
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 7H-Benz[de]anthracen-7-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.155	2.61 ng	170818	Chrysene-d12	21.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
3	p-Terphenyl	230	C18H14	000092-94-4	47
4	Benzo(b)phenazine	230	C16H10N2	000257-97-6	47
5	Cycloisolongifolene, 8,9-dehydro...	230	C16H22O	059820-24-5	47





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Operator : CG/JU
Sample : N2257-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

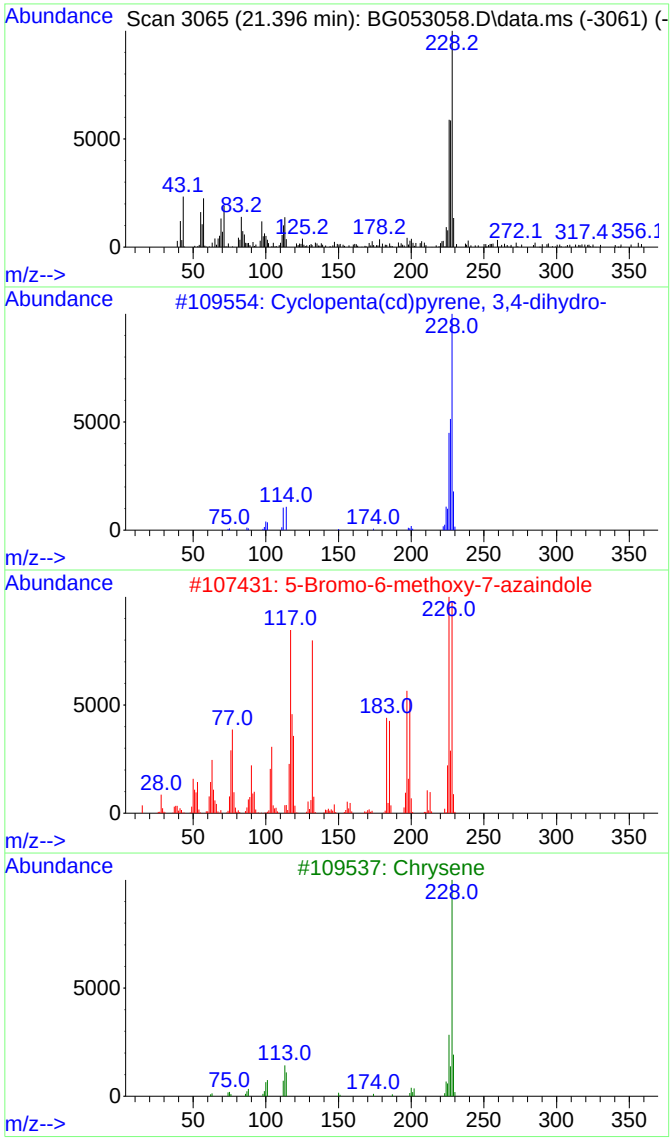
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

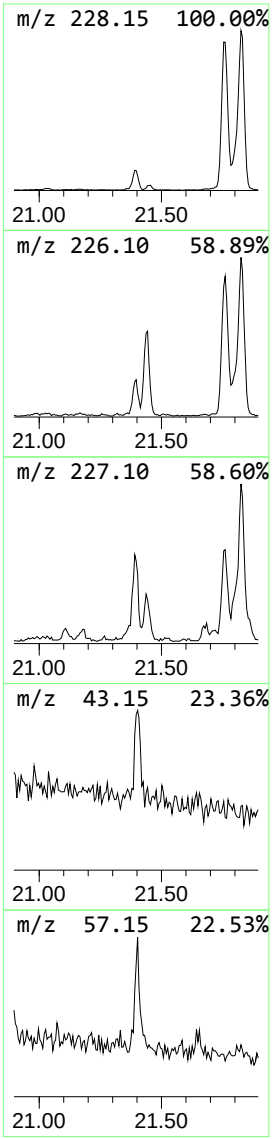
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.396	2.27 ng	148559	Chrysene-d12	21.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
2	5-Bromo-6-methoxy-7-azaindole	226	C8H7BrN2O	1190321-63-1	53
3	Chrysene	228	C18H12	000218-01-9	50
4	Triphenylene	228	C18H12	000217-59-4	45
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053058.D
Acq On : 6 Apr 2022 17:08
Operator : CG/JU
Sample : N2257-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

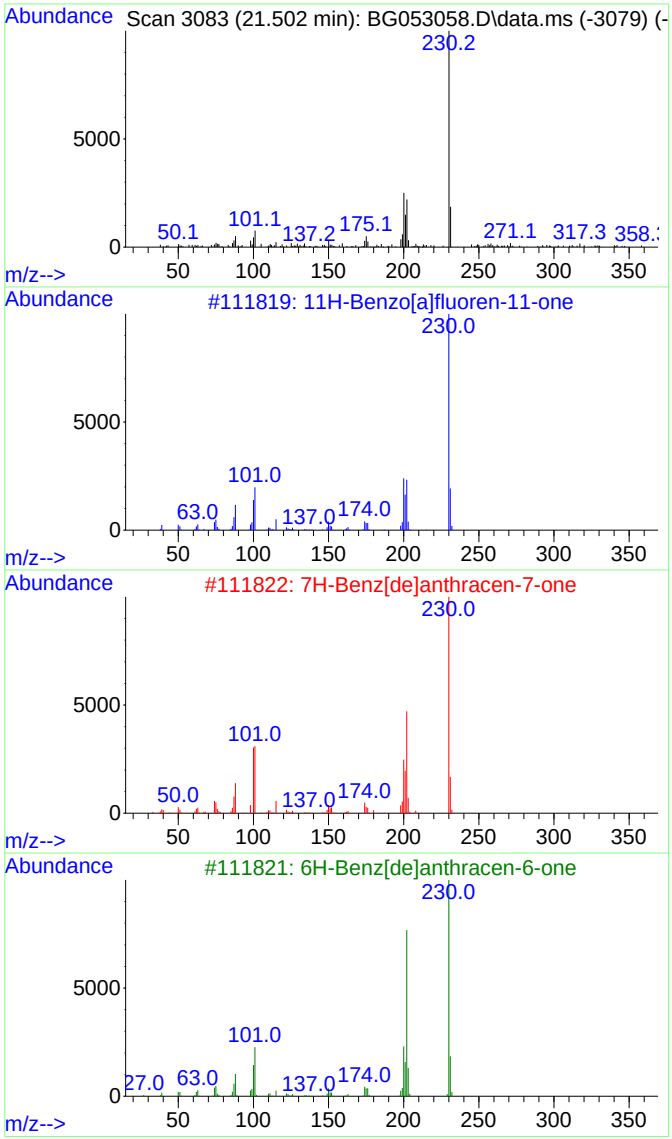
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

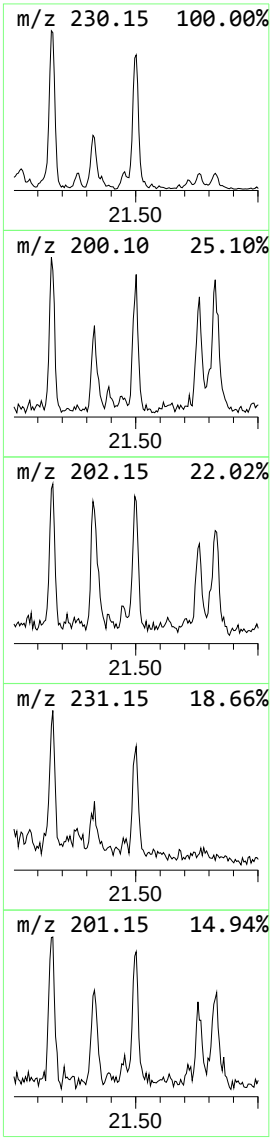
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.502	2.37 ng	154902	Chrysene-d12	21.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	o-Terphenyl	230	C18H14	000084-15-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053058.D
Acq On : 6 Apr 2022 17:08
Operator : CG/JU
Sample : N2257-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

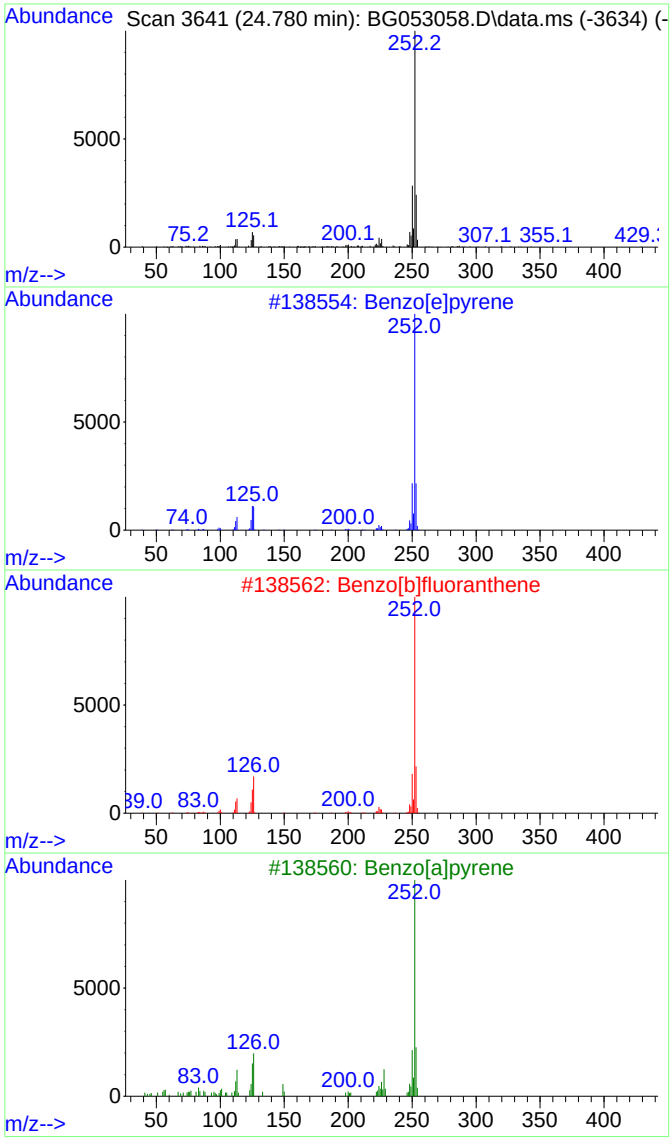
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

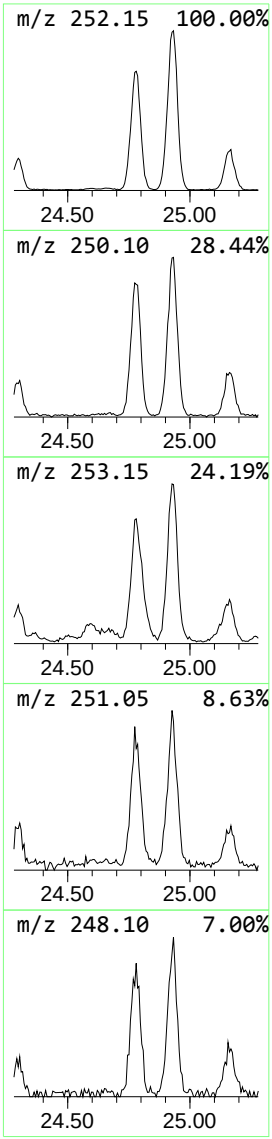
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.780	21.77 ng	610424	Perylene-d12	25.085

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053058.D
Acq On : 6 Apr 2022 17:08
Operator : CG/JU
Sample : N2257-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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
5,6-Dihydro-4-m...	14.476	2.3	ng	55621	3	14.746	488482	20.0
Anthracene, 9-m...	18.371	6.6	ng	169783	4	17.490	511644	20.0
Phenanthrene, 1...	18.418	7.2	ng	184112	4	17.490	511644	20.0
9,10-Anthracene...	18.900	6.4	ng	163222	4	17.490	511644	20.0
4b,8-Dimethyl-2...	19.105	6.2	ng	158371	4	17.490	511644	20.0
7H-Benz[de]anth...	21.155	2.6	ng	170818	5	21.778	1309530	20.0
Cyclopenta(cd)p...	21.396	2.3	ng	148559	5	21.778	1309530	20.0
11H-Benzo[a]flu...	21.502	2.4	ng	154902	5	21.778	1309530	20.0
Benzo[e]pyrene	24.780	21.8	ng	610424	6	25.085	560832	20.0