LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
Data File : BG054920.D
Acq On : 13 Sep 2022 00:32
Operator : CG/JU
Sample : N4573-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11998

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054920.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.210	321	327	336	rVB	48772	80538	4.78%	0.686%
2	5.692	402	409	423	rBV	505878	858357	50.98%	7.307%
3	7.307	676	684	697	rBV	499368	893561	53.07%	7.607%
4	8.147	820	827	837	rVB	151749	265406	15.76%	2.259%
5	9.323	1019	1027	1038	rBV	307931	560338	33.28%	4.770%
6	10.721	1258	1265	1275	rBV	52756	94683	5.62%	0.806%
7	10.974	1300	1308	1314	rBV	208373	378203	22.46%	3.220%
8	13.400	1713	1721	1729	rBV	877913	1398331	83.05%	11.904%
9	14.099	1833	1840	1845	rBV	9949	18598	1.10%	0.158%
10	14.511	1904	1910	1916	rBV	25446	46932	2.79%	0.400%
11	14.781	1945	1956	1963	rBV	323751	516182	30.66%	4.394%
12	14.845	1963	1967	1973	rVB2	12452	19147	1.14%	0.163%
13	15.175	2014	2023	2030	rBV2	10361	20852	1.24%	0.178%
14	15.827	2129	2134	2145	rVB3	17454	35668	2.12%	0.304%
15	16.273	2203	2210	2223	rBV	570390	960993	57.07%	8.181%
16	16.485	2238	2246	2254	rBV9	11043	35526	2.11%	0.302%
17	17.178	2361	2364	2371	rVB	15887	28740	1.71%	0.245%
18	17.348	2389	2393	2398	rVB	19107	30624	1.82%	0.261%
19	17.531	2418	2424	2428	rBV	363061	580100	34.45%	4.938%
20	17.572	2428	2431	2438	rVB	249320	354492	21.05%	3.018%
21	17.666	2443	2447	2451	rVV	31495	44224	2.63%	0.376%
22	17.930	2489	2492	2499	rVB	22197	31207	1.85%	0.266%
23	18.106	2520	2522	2528	rVB	21691	30509	1.81%	0.260%
24	18.406	2568	2573	2577	rBV	60318	96645	5.74%	0.823%
25	18.453	2577	2581	2588	rVB	80091	121175	7.20%	1.032%
26	18.600	2600	2606	2609	rBV3	74830	149664	8.89%	1.274%
27	18.894	2653	2656	2660	rBV	38651	53097	3.15%	0.452%
28	18.947	2661	2665	2671	rVB2	43354	68437	4.06%	0.583%
29	19.311	2723	2727	2732	rBV	57994	99736	5.92%	0.849%
30	19.581	2768	2773	2778	rBV	435365	632077	37.54%	5.381%
31	19.940	2830	2834	2840	rBV	476466	715091	42.47%	6.088%
32	20.128	2861	2866	2873	rVB	1297488	1683751	100.00%	14.334%
33	21.826	3148	3155	3160	rBV2	376616	843656	50.11%	7.182%

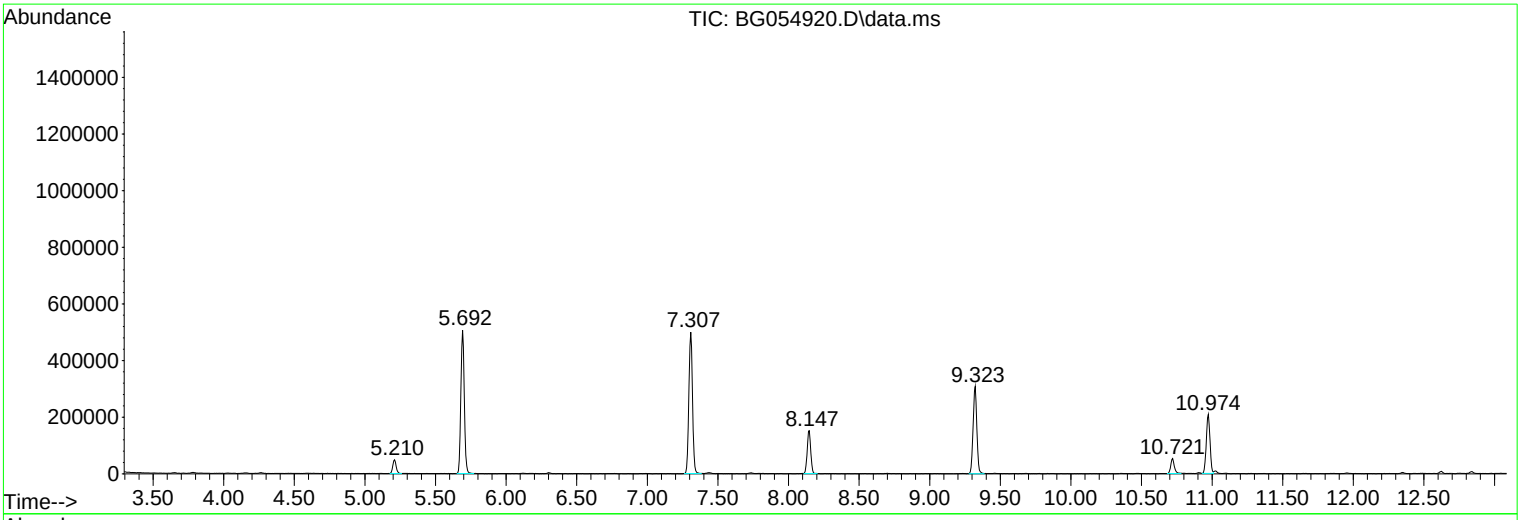
Sum of corrected areas: 11746540

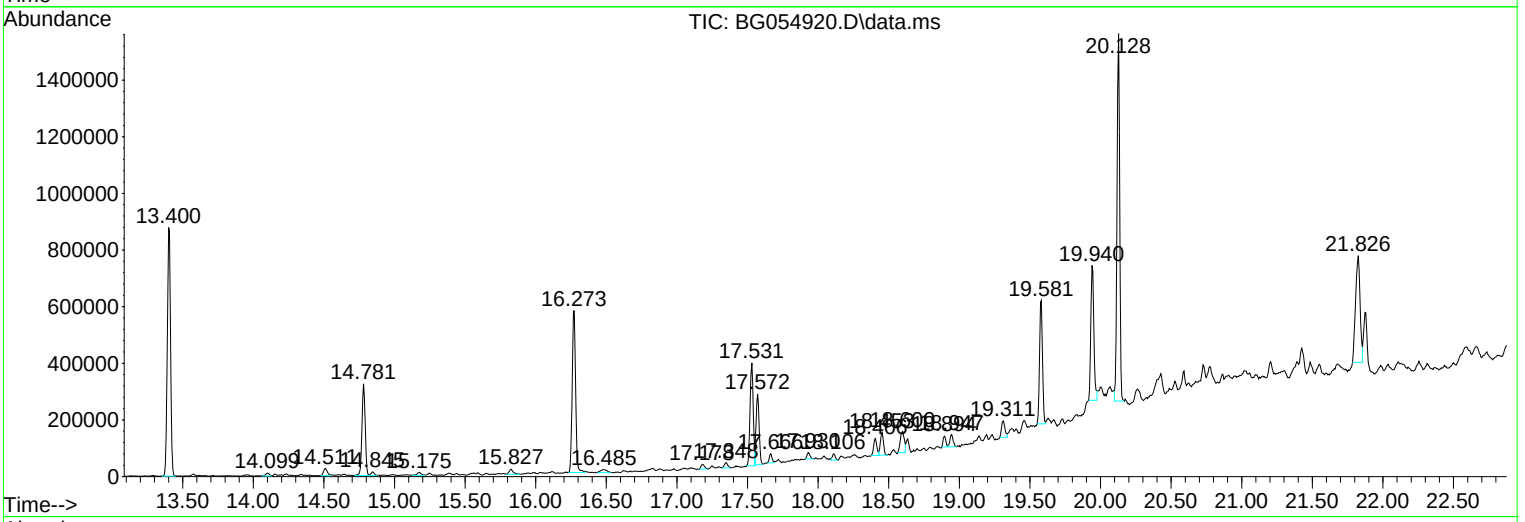
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
Data File : BG054920.D
Acq On : 13 Sep 2022 00:32
Operator : CG/JU
Sample : N4573-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

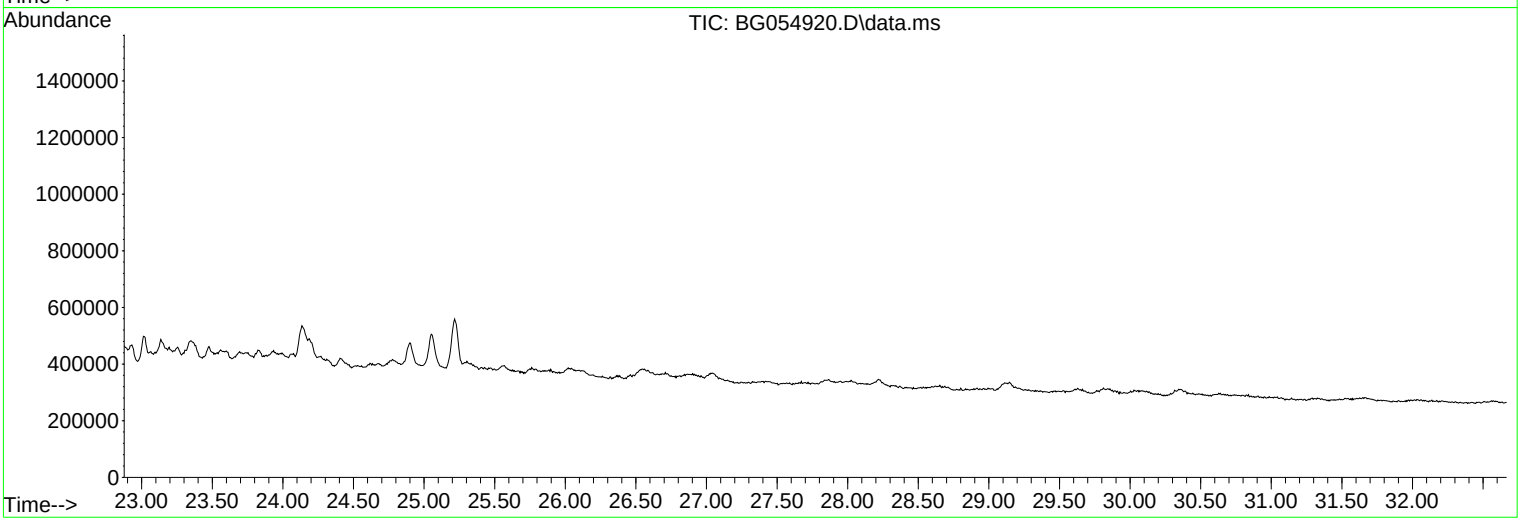
Instrument :
BNA_G
ClientSampleId :
72-11998

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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Data File : BG054920.D
Acq On : 13 Sep 2022 00:32
Operator : CG/JU
Sample : N4573-02
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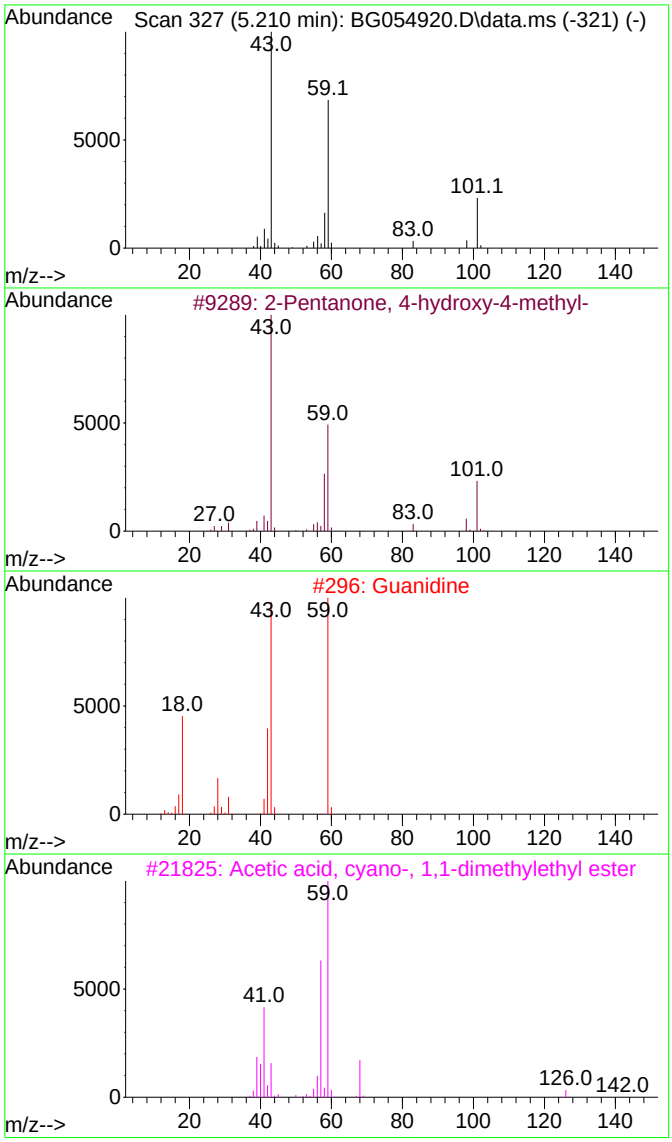
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

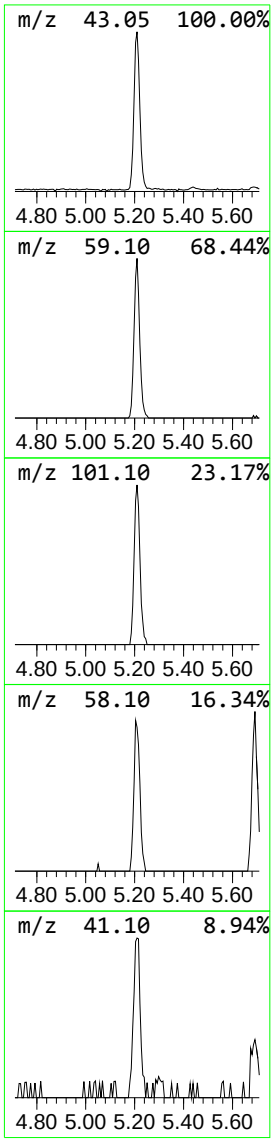
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.210	6.07 ng	80538	1,4-Dichlorobenzene-d4	8.147

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
Data File : BG054920.D
Acq On : 13 Sep 2022 00:32
Operator : CG/JU
Sample : N4573-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11998

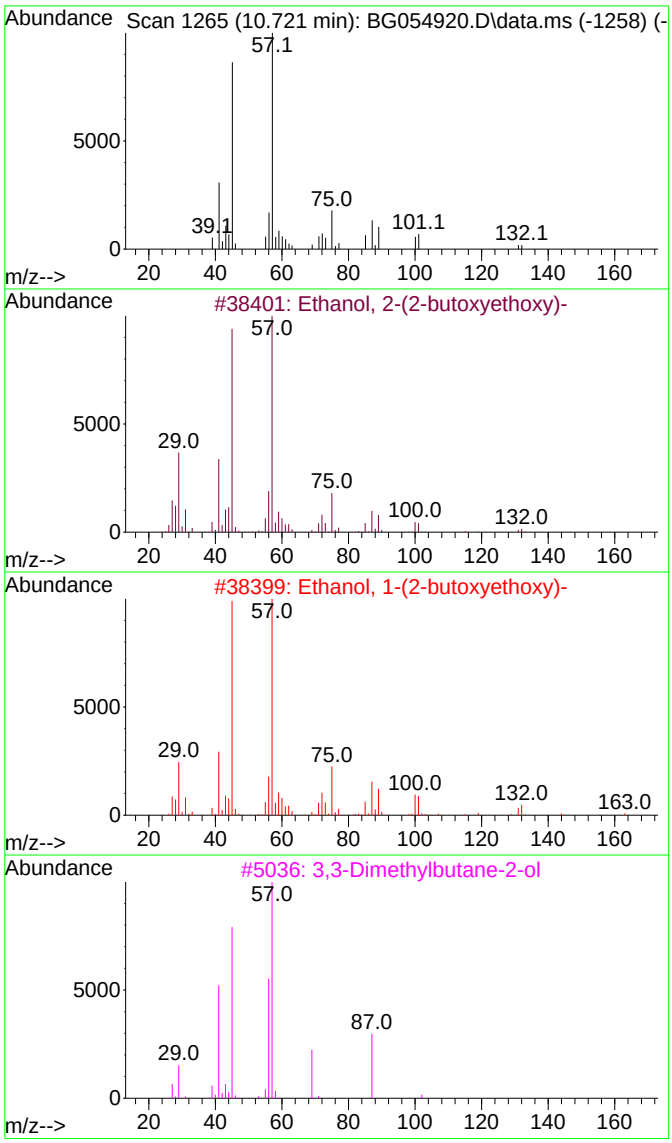
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

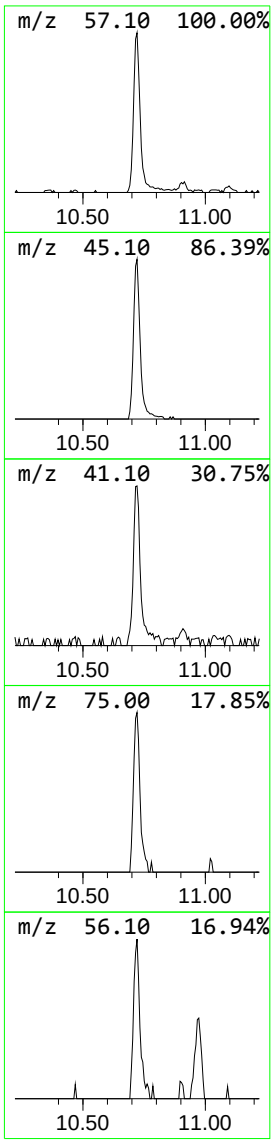
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.721	5.01 ng	94683	Naphthalene-d8	10.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	50
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
Data File : BG054920.D
Acq On : 13 Sep 2022 00:32
Operator : CG/JU
Sample : N4573-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11998

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

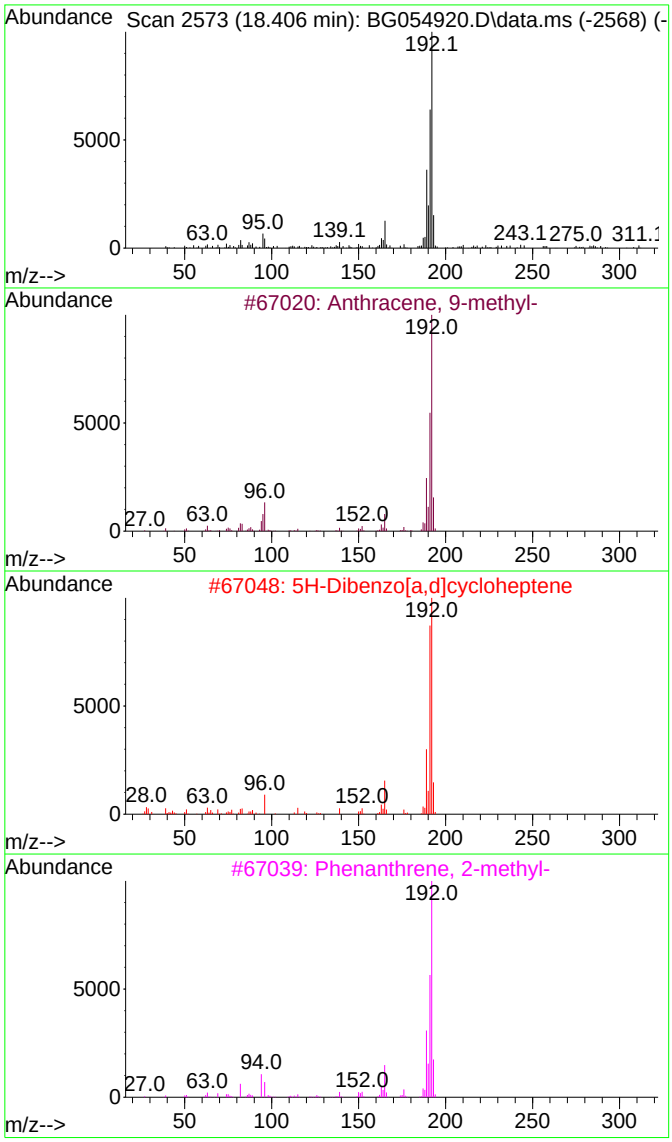
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

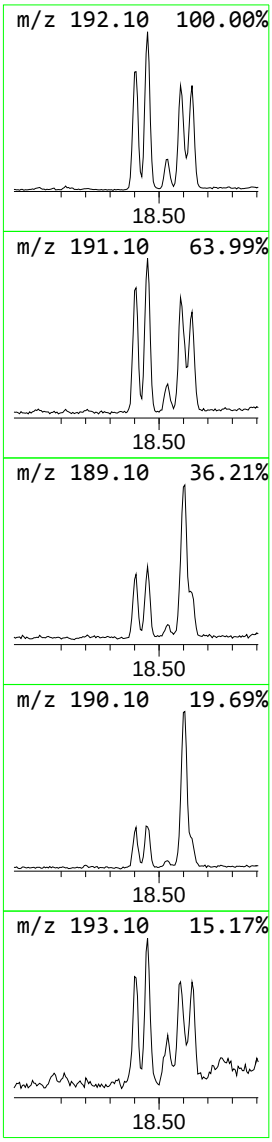
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.406	3.33 ng	96645	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	89
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
Data File : BG054920.D
Acq On : 13 Sep 2022 00:32
Operator : CG/JU
Sample : N4573-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11998

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

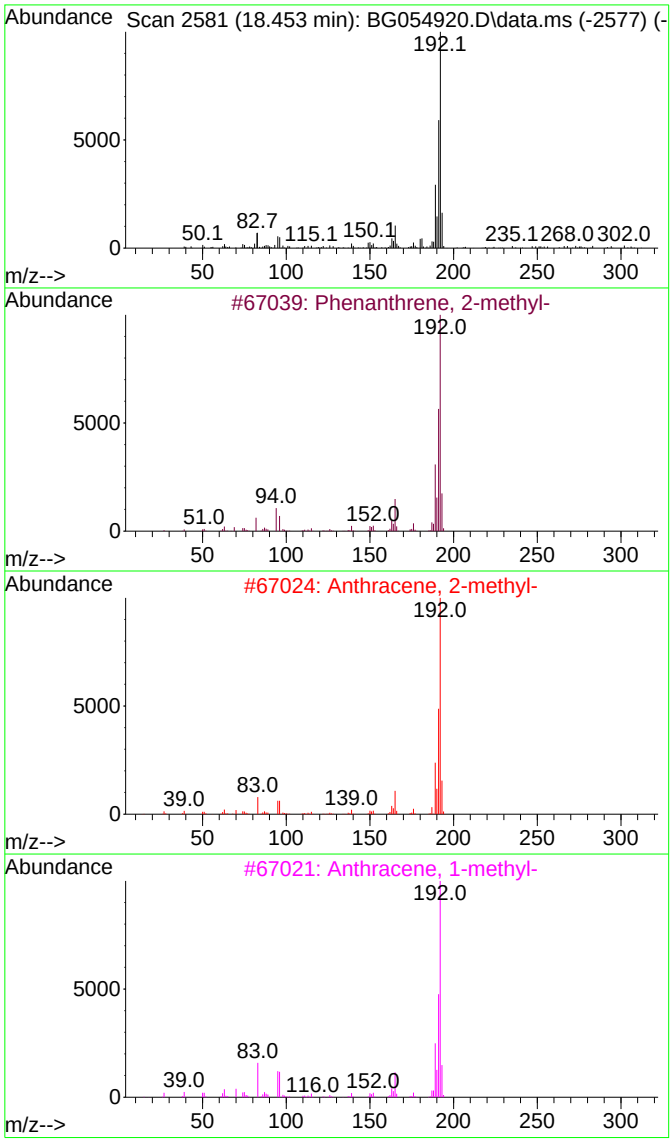
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

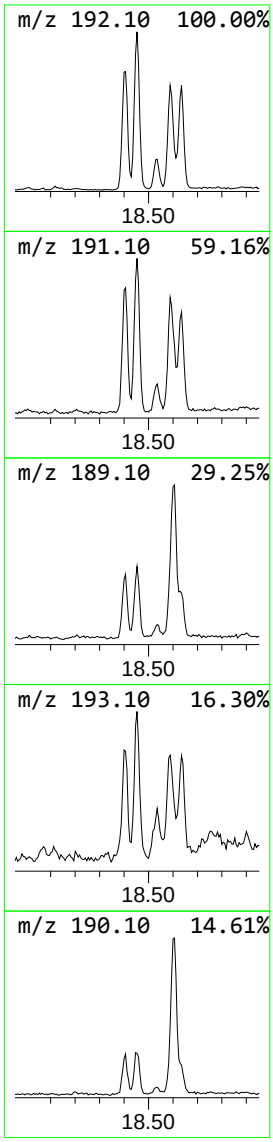
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.453	4.18 ng	121175	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
Data File : BG054920.D
Acq On : 13 Sep 2022 00:32
Operator : CG/JU
Sample : N4573-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11998

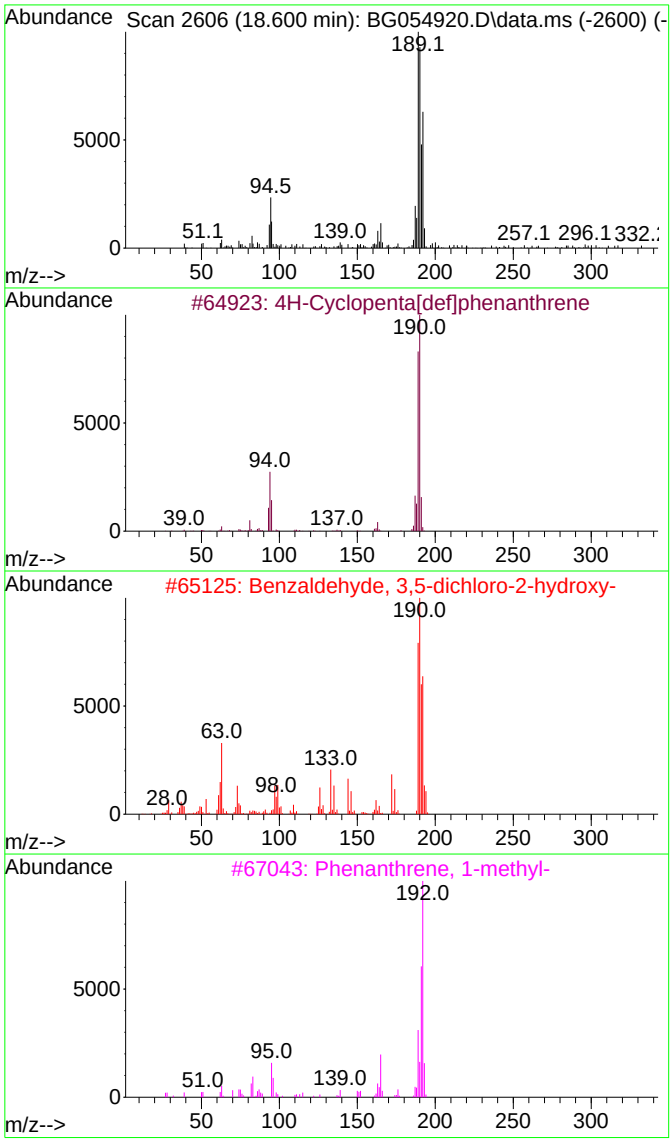
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

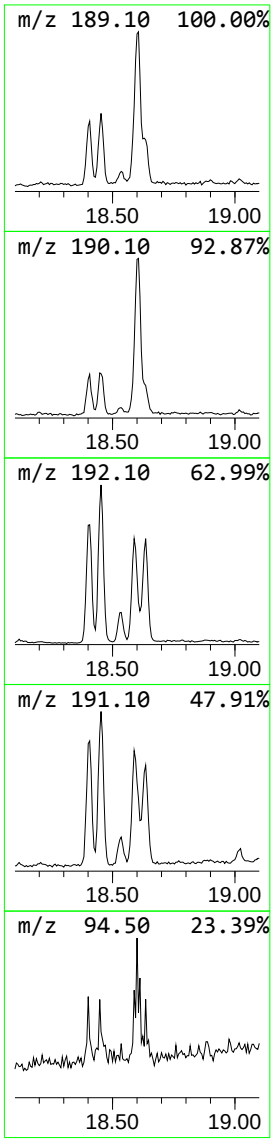
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.600	5.16 ng	149664	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	47
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35





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Instrument :
BNA_G
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72-11998

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

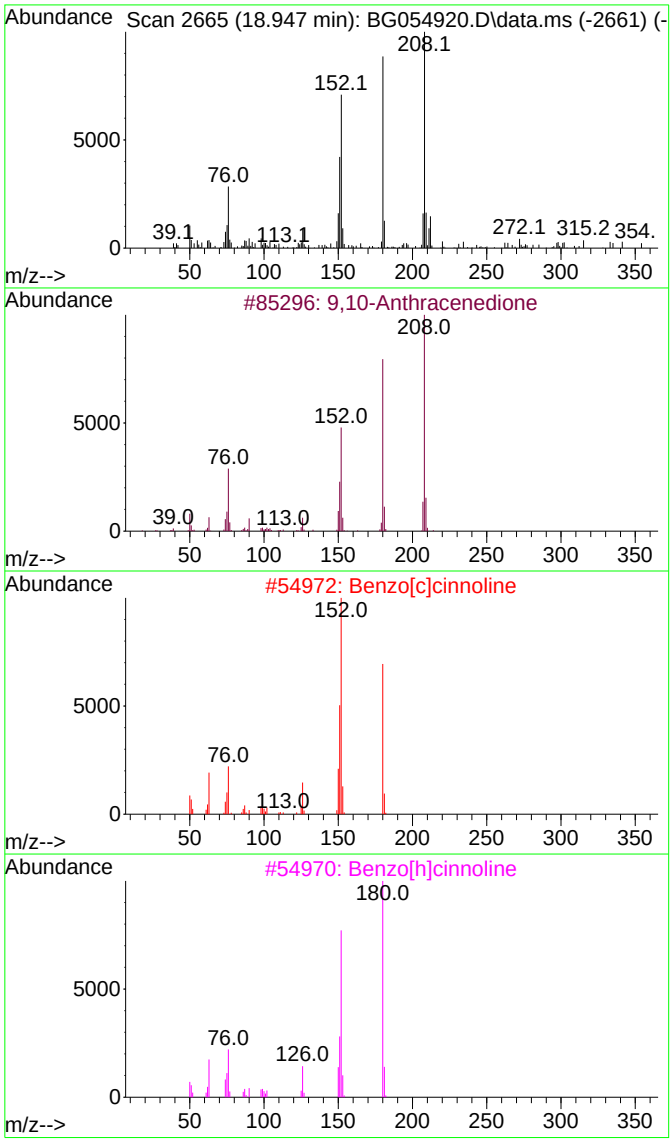
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

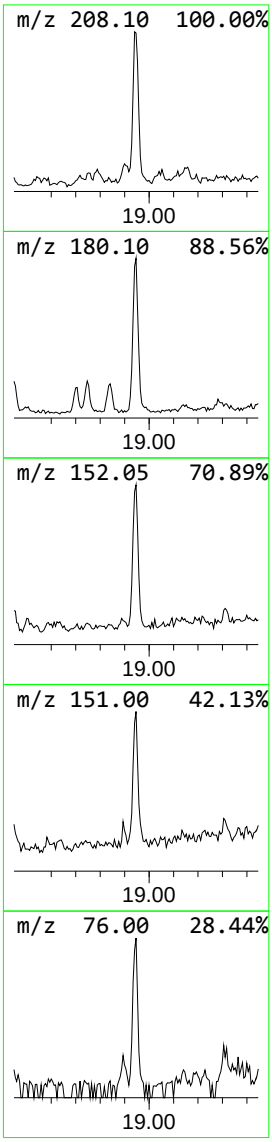
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.947	2.36 ng	68437	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	62
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49





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Sample : N4573-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11998

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

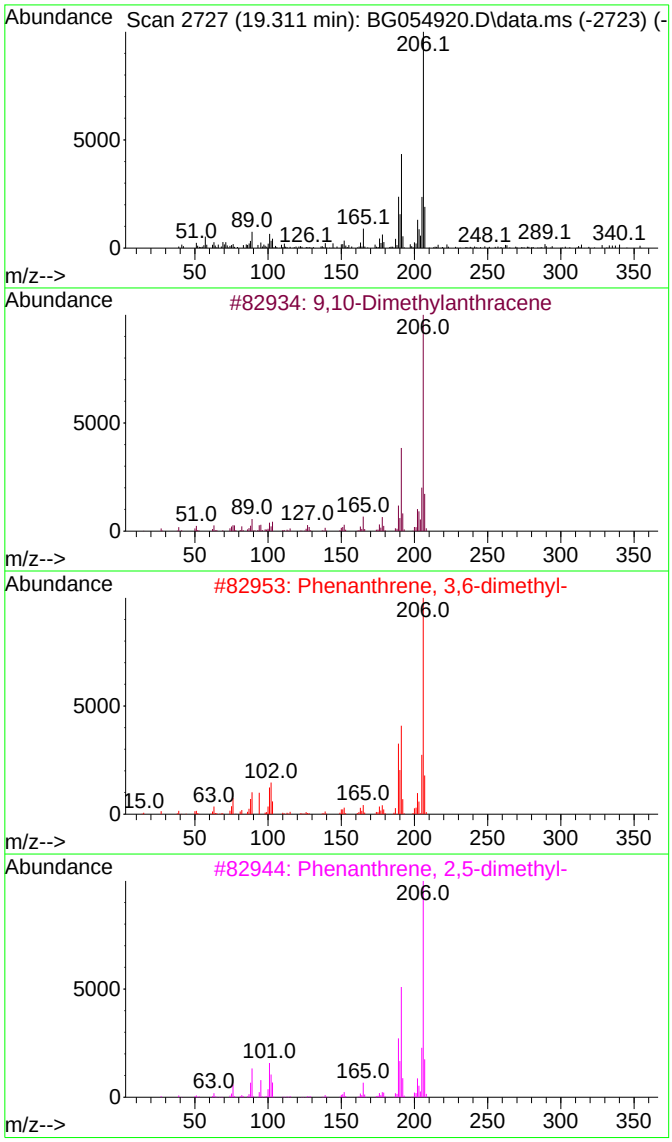
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

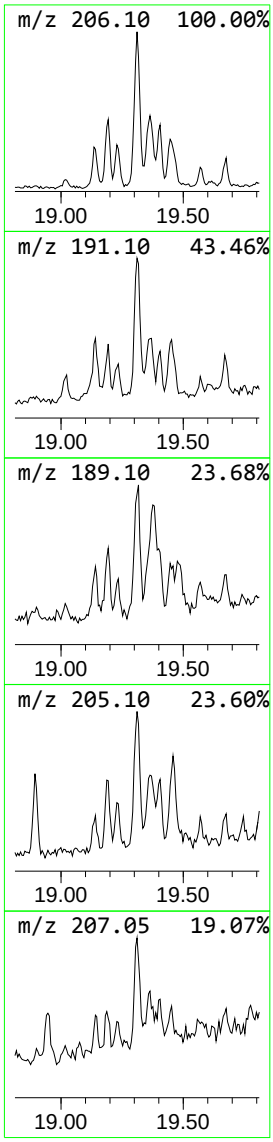
****

Peak Number 7 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.311	3.44 ng	99736	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
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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
2-Pentanone, 4-...	5.210	6.1	ng	80538	1	8.147	265406	20.0
Ethanol, 2-(2-b...	10.721	5.0	ng	94683	2	10.974	378203	20.0
Anthracene, 9-m...	18.406	3.3	ng	96645	4	17.531	580100	20.0
Phenanthrene, 2...	18.453	4.2	ng	121175	4	17.531	580100	20.0
4H-Cyclopenta[d...	18.600	5.2	ng	149664	4	17.531	580100	20.0
9,10-Anthracene...	18.947	2.4	ng	68437	4	17.531	580100	20.0
9,10-Dimethylan...	19.311	3.4	ng	99736	4	17.531	580100	20.0