Quantitation Report (Qedit)

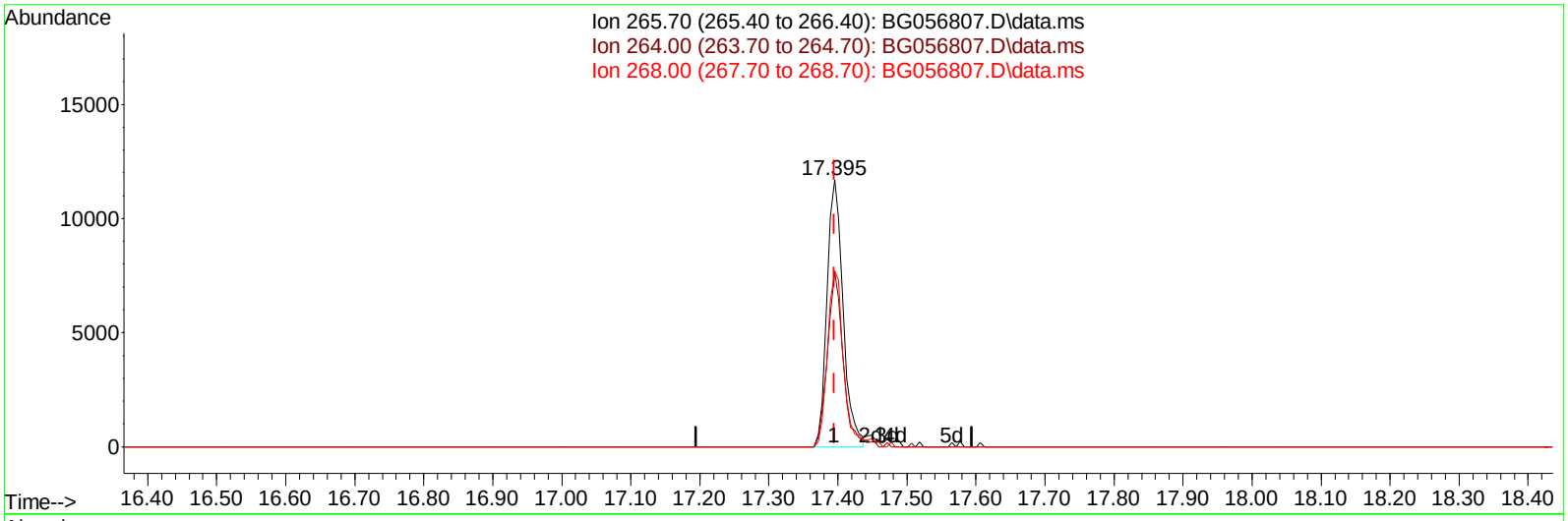
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056807.D
Acq On : 3 Mar 2023 16:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

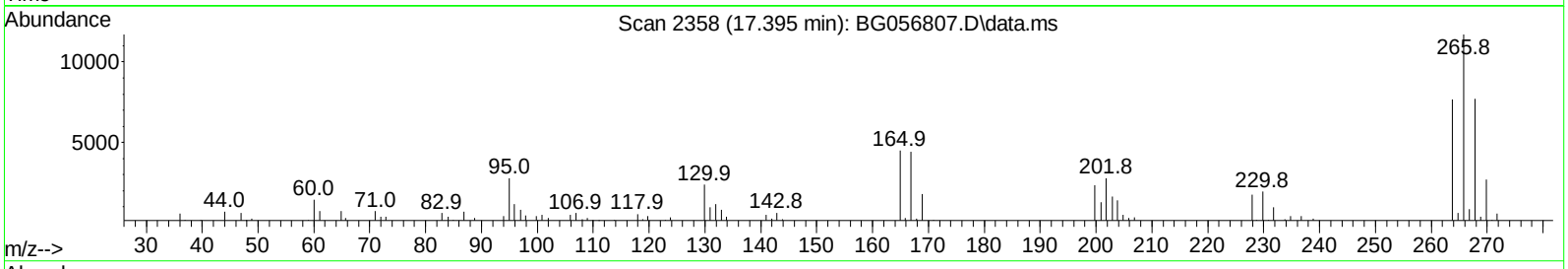
Quant Time: Mar 03 22:24:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

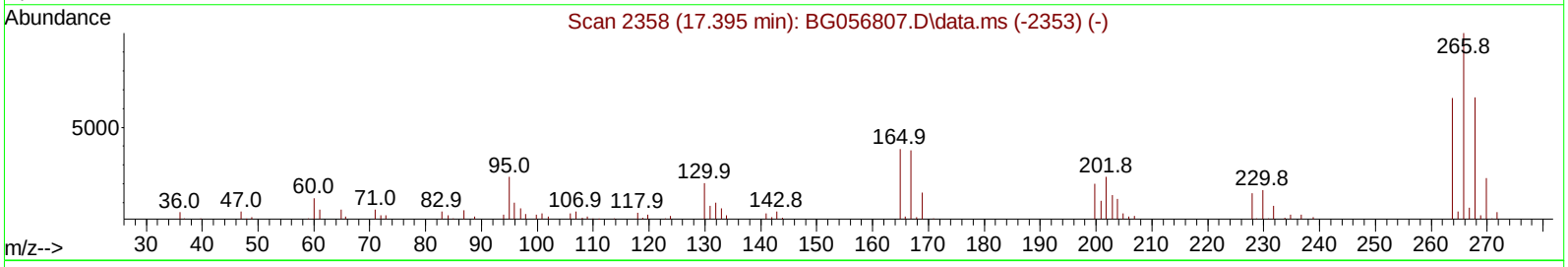
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023







TIC: BG056807.D\data.ms

(71) Pentachlorophenol (C)

17.395min (+ 0.000) 18.28 ng/ul

response 19070

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.40	65.40
268.00	68.10	66.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056807.D
Acq On : 3 Mar 2023 16:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 03 22:24:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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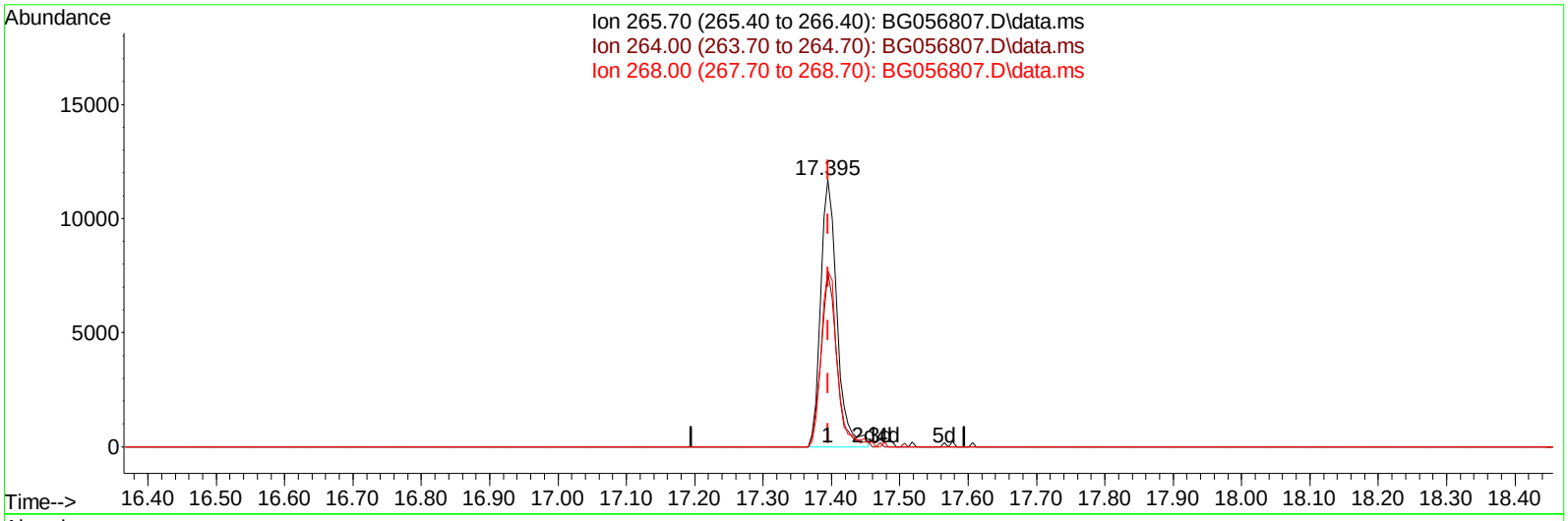

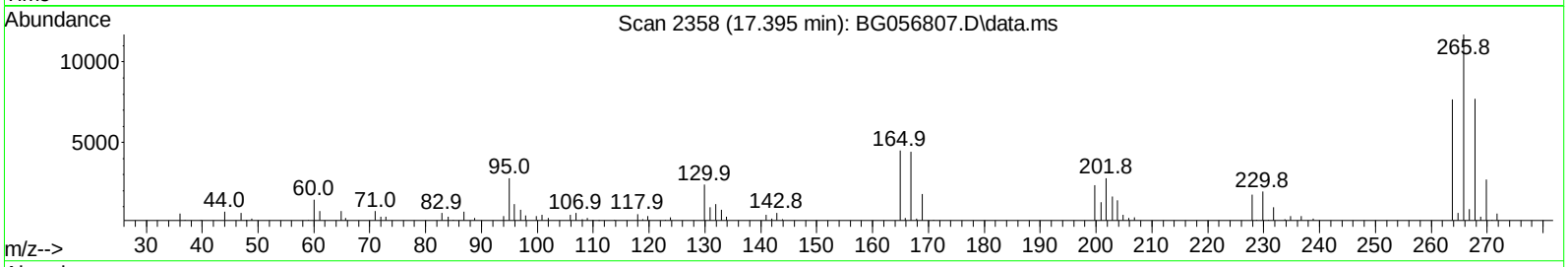

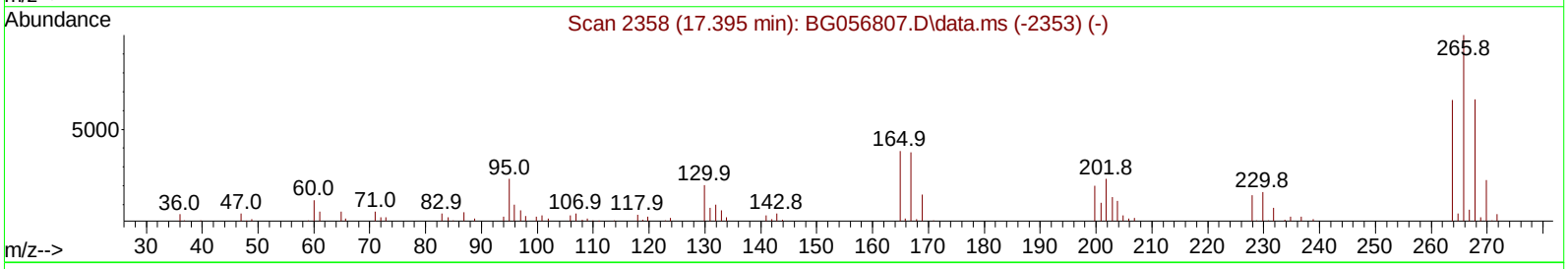

TIC: BG056807.D\data.ms

(71) Pentachlorophenol (C)

17.395min (+ 0.000) 18.71 ng/ul m

response 19516

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.40	65.40
268.00	68.10	66.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056807.D
Acq On : 3 Mar 2023 16:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 03 22:24:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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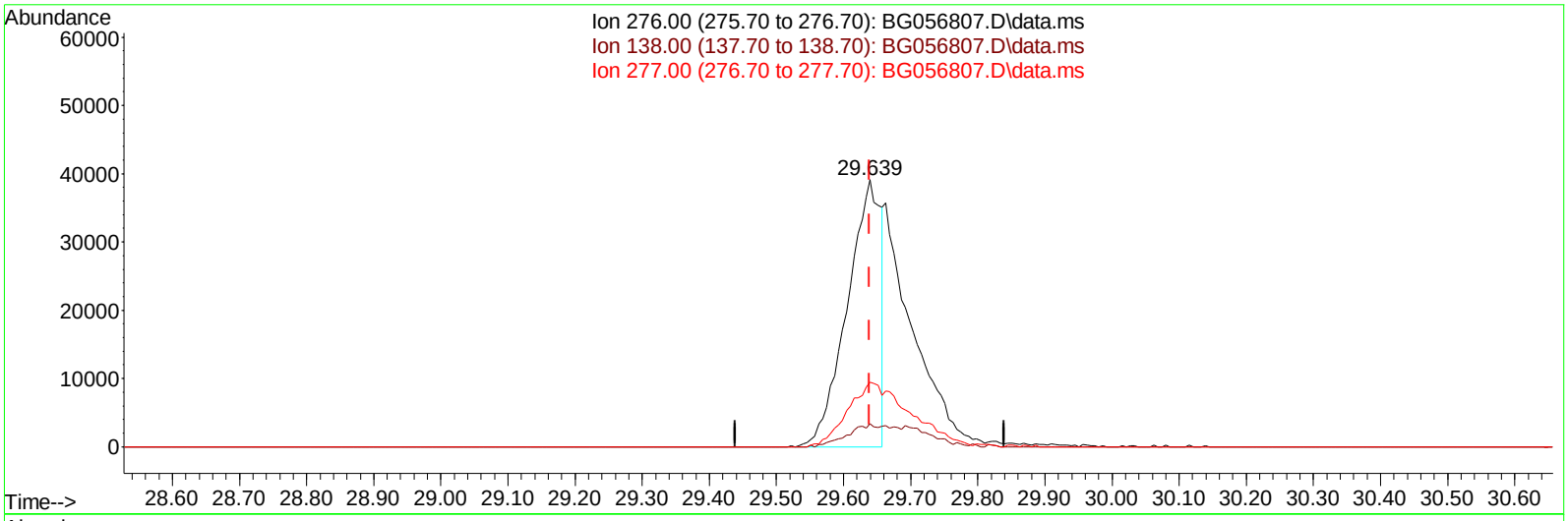

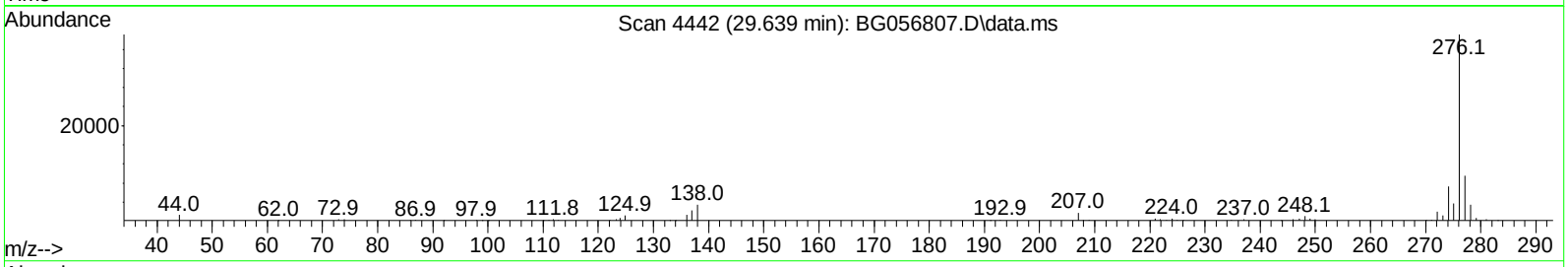

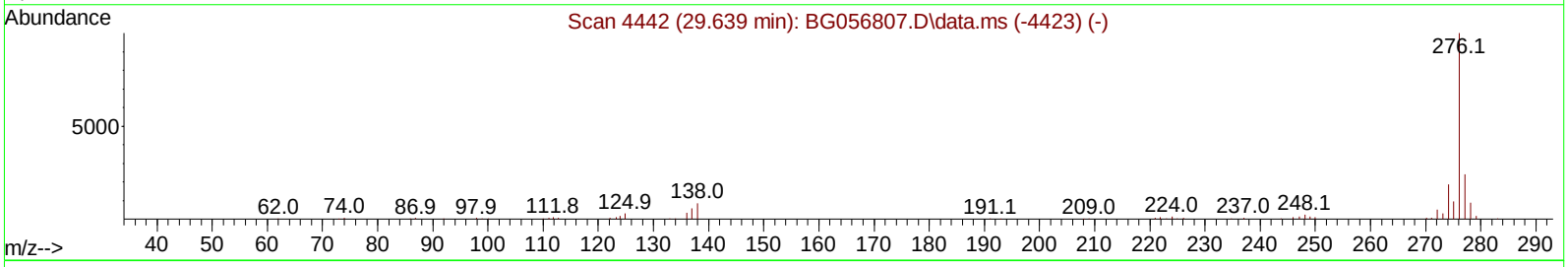

TIC: BG056807.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.639min (+ 0.000) 12.00 ng/ul

response 135827

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.10	8.72#
277.00	22.60	24.30
0.00	0.00	0.00

Quantitation Report (Qedit)

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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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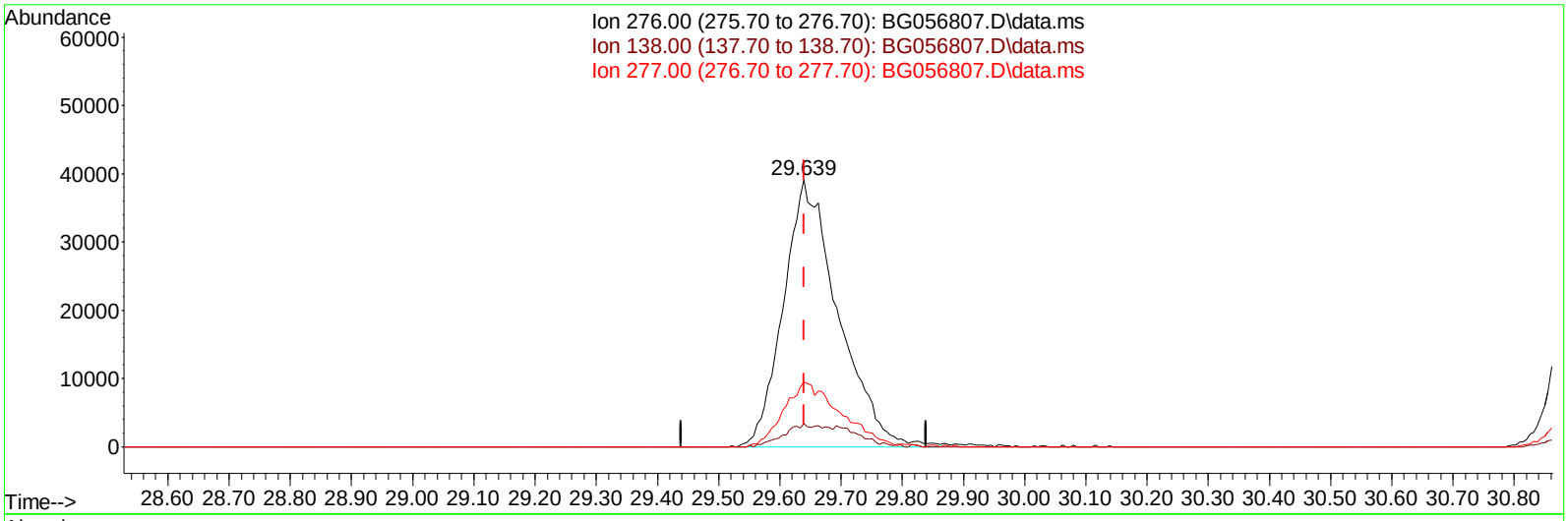

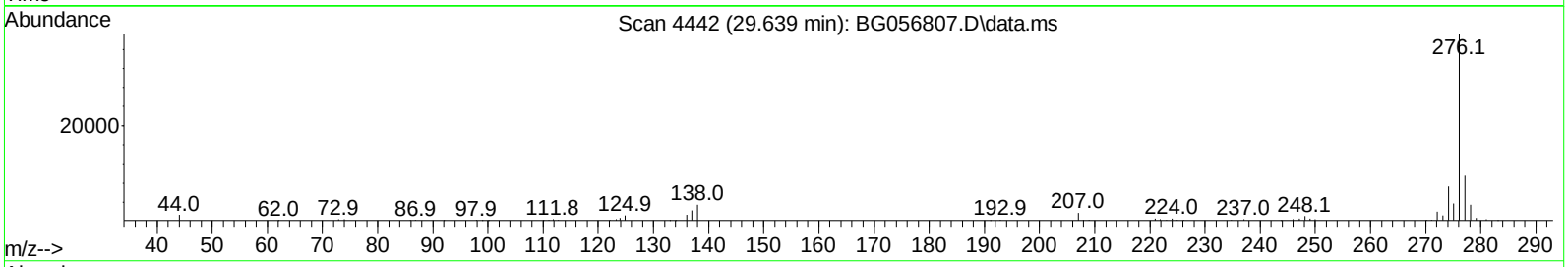

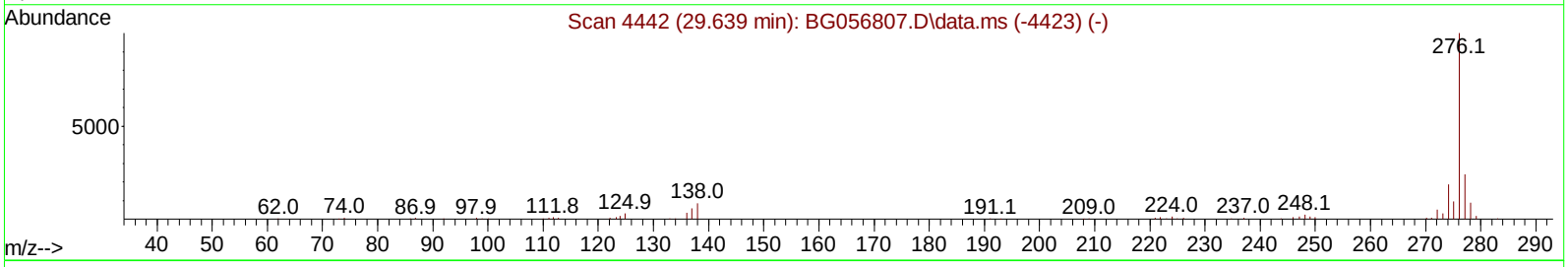

TIC: BG056807.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.639min (+ 0.000) 21.47 ng/ul m

response 242977

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.10	8.72#
277.00	22.60	24.30
0.00	0.00	0.00

Quantitation Report (Qedit)

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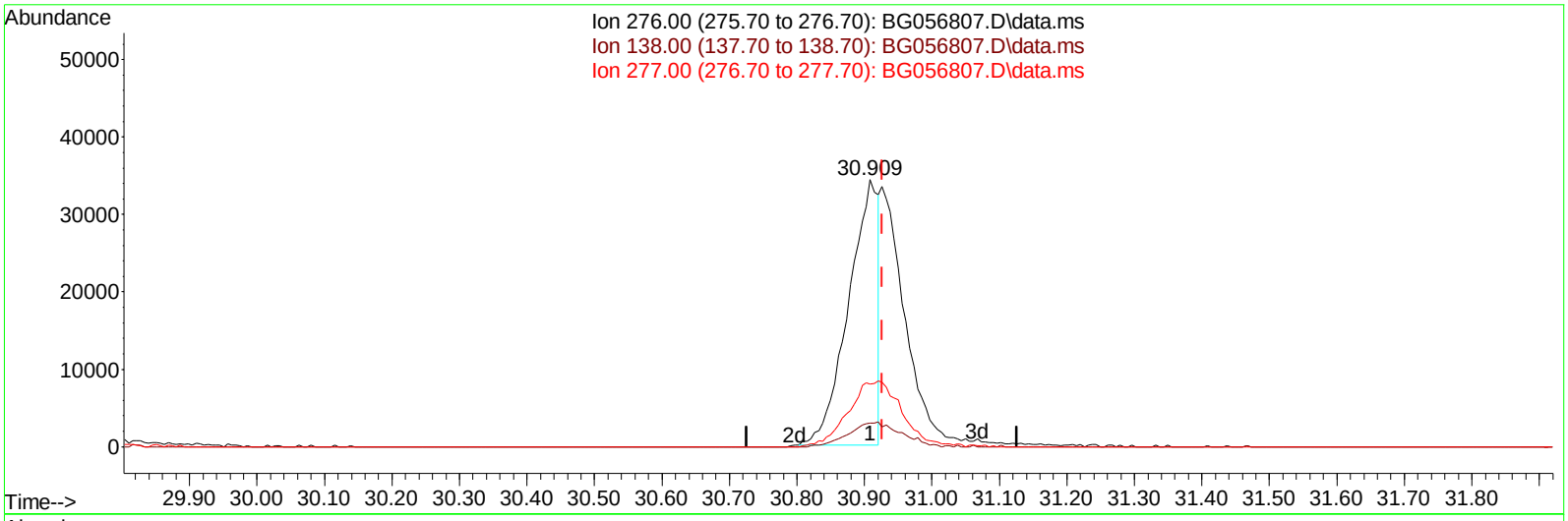

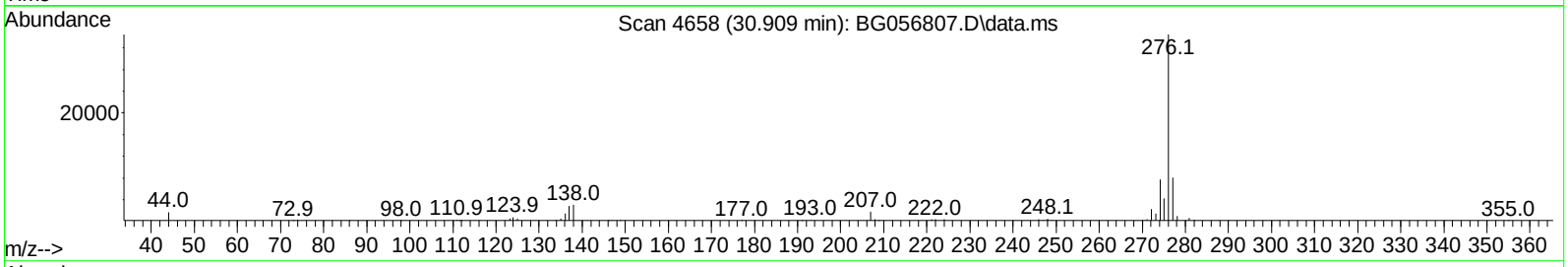

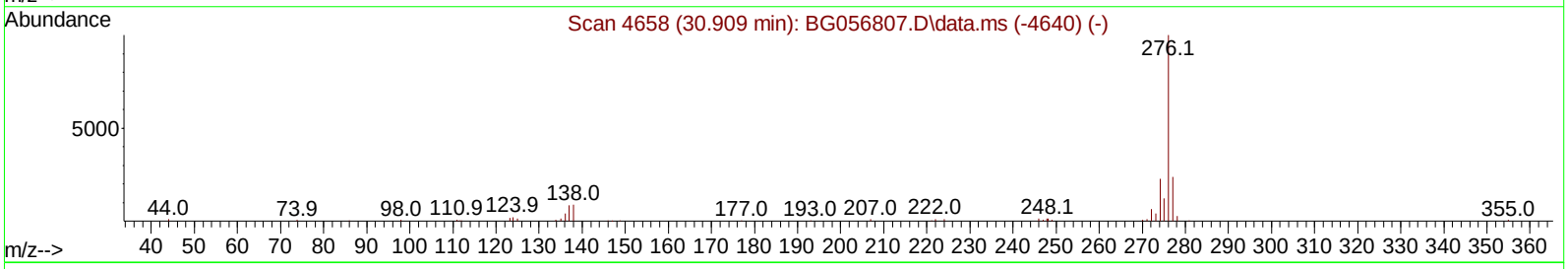

TIC: BG056807.D\data.ms

(96) Benzo(g,h,i)perylene

30.909min (-0.018) 11.58 ng/ul

response 104674

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.10	8.88
277.00	25.90	23.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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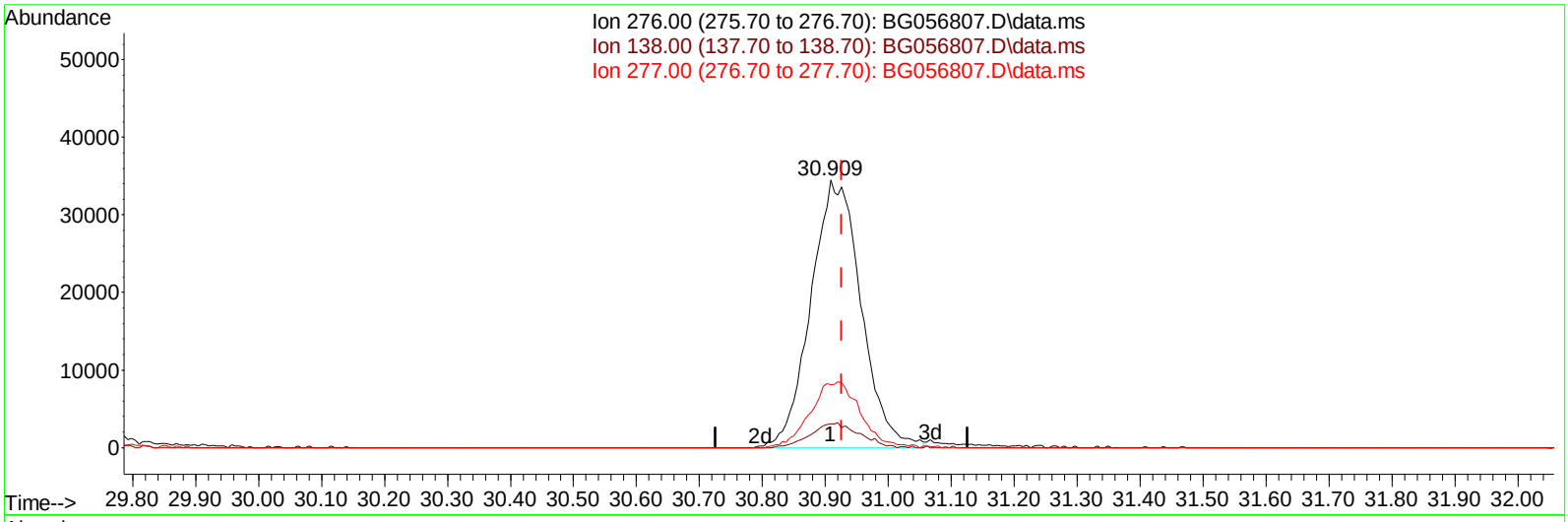

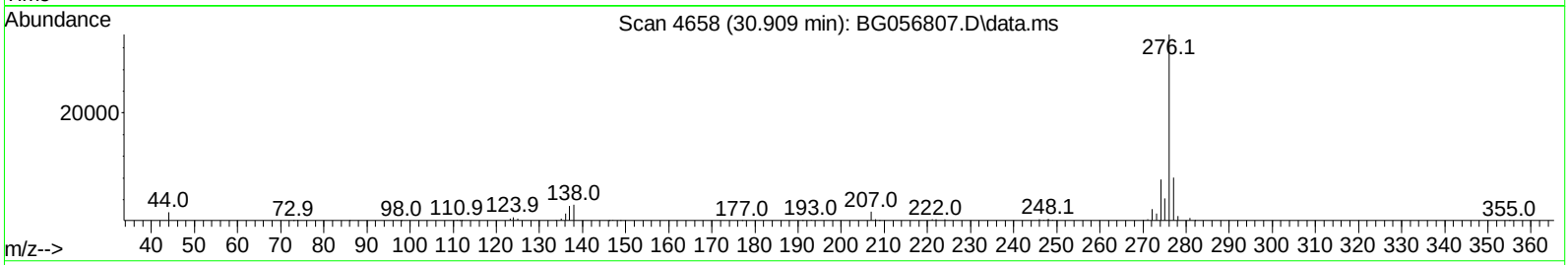

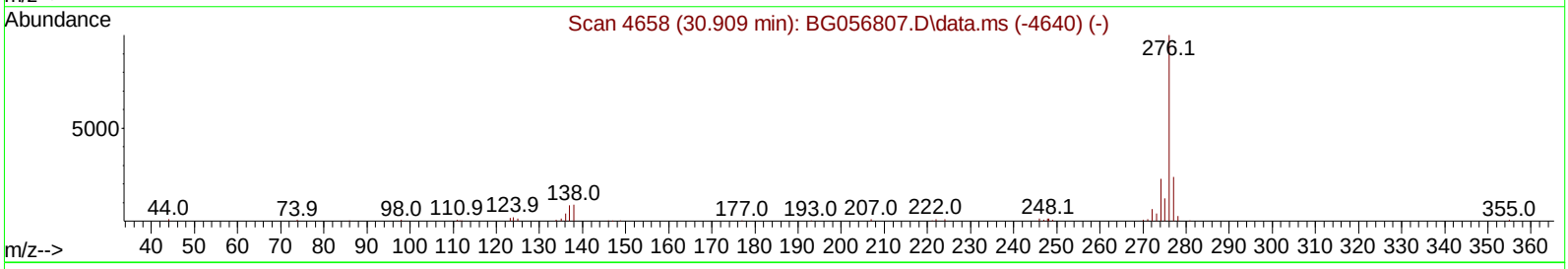

TIC: BG056807.D\data.ms

(96) Benzo(g,h,i)perylene

30.909min (-0.018) 21.15 ng/ul m

response 191120

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.10	8.88
277.00	25.90	23.49
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056807.D
Acq On : 3 Mar 2023 16:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 03 22:24:27 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
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Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/06/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	16031	20.000	ng/ul	0.00
20) Naphthalene-d8	11.255	136	67586	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.021	164	53084	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.753	188	134923	20.000	ng/ul	0.00
79) Chrysene-d12	22.060	240	126823	20.000	ng/ul	0.00
88) Perylene-d12	25.585	264	141546	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.699	96	3281	11.353	ng/uL	0.00
4) Pyridine-d5	4.134	84	28249	24.217	ng/ul	0.00
7) Phenol-d5	7.542	99	32128	20.027	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.718	67	20741	21.196	ng/ul	0.00
11) 2-Chlorophenol-d4	7.941	132	22115	20.759	ng/ul	0.00
15) 4-Methylphenol-d8	9.099	113	24747	20.189	ng/ul	0.00
21) Nitrobenzene-d5	9.592	128	11858	20.936	ng/ul	0.00
24) 2-Nitrophenol-d4	10.315	143	14335	21.262	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.861	165	26881	21.164	ng/ul	0.00
31) 4-Chloroaniline-d4	11.378	131	34771	20.989	ng/ul	0.00
46) Dimethylphthalate-d6	14.404	166	90575	21.148	ng/ul	0.00
49) Acenaphthylene-d8	14.716	160	106741	21.928	ng/ul	0.00
54) 4-Nitrophenol-d4	15.174	143	13789	18.674	ng/ul	0.00
60) Fluorene-d10	16.002	176	87933	22.195	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.102	200	17419	19.297	ng/ul	0.00
73) Anthracene-d10	17.853	188	138078	21.095	ng/ul	0.00
81) Pyrene-d10	20.109	212	166946	19.453	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.339	264	165502	21.662	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.734	88	4124	11.574	ng/uL	94
5) Pyridine	4.157	79	30633	24.797	ng/ul	96
6) Benzaldehyde	7.536	77	22027	26.209	ng/ul	93
8) Phenol	7.565	94	33487	20.465	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.812	93	24397	20.984	ng/ul	95
12) 2-Chlorophenol	7.971	128	21377	20.262	ng/ul	90
13) 2-Methylphenol	8.840	108	24230	19.631	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.934	45	32768	20.974	ng/ul	97
16) Acetophenone	9.240	105	43931	20.929	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.216	70	24309	20.184	ng/ul#	96
18) 4-Methylphenol	9.169	108	27264	20.329	ng/ul	98
19) Hexachloroethane	9.522	117	9038	20.146	ng/ul#	81
22) Nitrobenzene	9.633	77	38477	23.427	ng/ul	99
23) Isophorone	10.150	82	68151	21.224	ng/ul	98
25) 2-Nitrophenol	10.350	139	14183	21.311	ng/ul#	88
26) 2,4-Dimethylphenol	10.391	107	32180	21.651	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.626	93	35505	21.876	ng/ul	98
29) 2,4-Dichlorophenol	10.885	162	27184	22.101	ng/ul	99
30) Naphthalene	11.302	128	79548	21.383	ng/ul	98
32) 4-Chloroaniline	11.396	127	34546	21.051	ng/ul	91
33) Hexachlorobutadiene	11.578	225	21898	22.339	ng/ul	90
34) Caprolactam	12.142	113	8576	20.510	ng/ul	81
35) 4-Chloro-3-methylphenol	12.483	107	30275	21.426	ng/ul	94

Quantitation Report (QT Reviewed)

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Acq On : 3 Mar 2023 16:47
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 03 22:24:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/06/2023
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.877	142	58373	21.909 ng/ul	92
37) 1-Methylnaphthalene	13.094	142	57613	21.932 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.235	216	43718	23.229 ng/ul	98
40) Hexachlorocyclopentadiene	13.212	237	25580	18.968 ng/ul	96
41) 2,4,6-Trichlorophenol	13.464	196	26937	21.420 ng/ul	98
42) 2,4,5-Trichlorophenol	13.535	196	29998	21.969 ng/ul	98
43) 1,1'-Biphenyl	13.858	154	86090	22.055 ng/ul	98
44) 2-Chloronaphthalene	13.911	162	72310	22.389 ng/ul	98
45) 2-Nitroaniline	14.099	65	25036	22.333 ng/ul	96
47) Dimethylphthalate	14.451	163	92739	21.292 ng/ul#	98
48) 2,6-Dinitrotoluene	14.575	165	18913	21.183 ng/ul#	85
50) Acenaphthylene	14.751	152	109392	22.245 ng/ul	97
51) 3-Nitroaniline	14.910	138	17481	21.876 ng/ul#	97
52) Acenaphthene	15.086	153	73673	21.808 ng/ul	96
53) 2,4-Dinitrophenol	15.109	184	9976	17.441 ng/ul	88
55) 4-Nitrophenol	15.192	109	18342	21.459 ng/ul	96
56) Dibenzofuran	15.415	168	111413	21.726 ng/ul	98
57) 2,4-Dinitrotoluene	15.356	165	26895	21.011 ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.632	232	26580	20.917 ng/ul	97
59) Diethylphthalate	15.803	149	91989	21.099 ng/ul	98
61) Fluorene	16.055	166	87637	21.342 ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.038	204	53637	22.053 ng/ul	99
63) 4-Nitroaniline	16.061	138	16561	21.212 ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.120	198	17561	20.207 ng/ul	95
67) N-Nitrosodiphenylamine	16.249	169	78209	20.845 ng/ul	97
68) 4-Bromophenyl-phenylether	16.931	248	37328	21.831 ng/ul	95
69) Hexachlorobenzene	17.060	284	39696	21.610 ng/ul	98
70) Atrazine	17.178	200	33084	20.303 ng/ul	97
71) Pentachlorophenol	17.395	266	19516m	18.710 ng/ul	
72) Phenanthrene	17.794	178	156364	21.395 ng/ul	98
74) Anthracene	17.888	178	156591	21.202 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.834	216	46554	22.554 ng/uL	96
76) Pentachlorobenzene	15.333	250	46906	22.406 ng/uL	94
77) Carbazole	18.147	167	132191	21.391 ng/ul	97
78) Di-n-butylphthalate	18.676	149	143269	20.116 ng/ul	99
80) Fluoranthene	19.780	202	197413	19.025 ng/ul	99
82) Pyrene	20.139	202	198846	19.451 ng/ul	99
83) Butylbenzylphthalate	20.997	149	62099	19.149 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.937	252	72230	22.716 ng/ul	99
85) Benzo(a)anthracene	22.042	228	200073	21.675 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.901	149	90115	19.781 ng/ul	98
87) Chrysene	22.113	228	186398	21.682 ng/ul	98
89) Di-n-octyl phthalate	23.212	149	154619	20.093 ng/ul	100
90) Benzo(b)fluoranthene	24.457	252	206660	21.809 ng/ul	99
91) Benzo(k)fluoranthene	24.528	252	197912	21.443 ng/ul	97
93) Benzo(a)pyrene	25.415	252	175582	21.080 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.639	276	242977m	21.474 ng/ul	
95) Dibenzo(a,h)anthracene	29.710	278	202009	21.353 ng/ul	94
96) Benzo(g,h,i)perylene	30.909	276	191120m	21.146 ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

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Acq On : 3 Mar 2023 16:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 03 22:24:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023