Quantitation Report (Qedit)

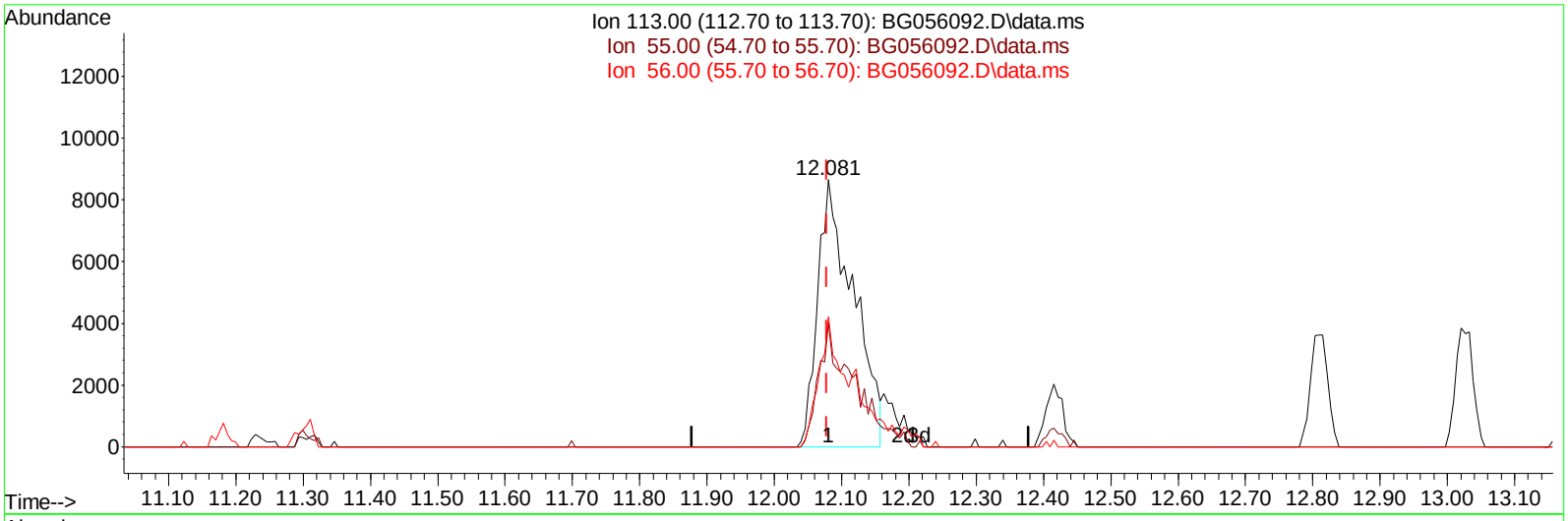
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056092.D
Acq On : 24 Dec 2022 16:26
Operator : CG/JU
Sample : SSTD04044
Misc :
ALS Vial : 5 Sample Multiplier: 1

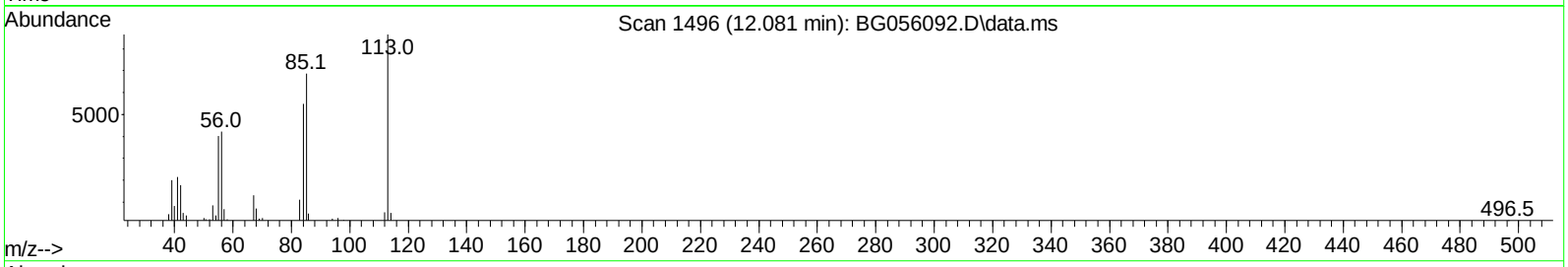
Quant Time: Dec 24 21:49:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 18:26:52 2022
Response via : Initial Calibration

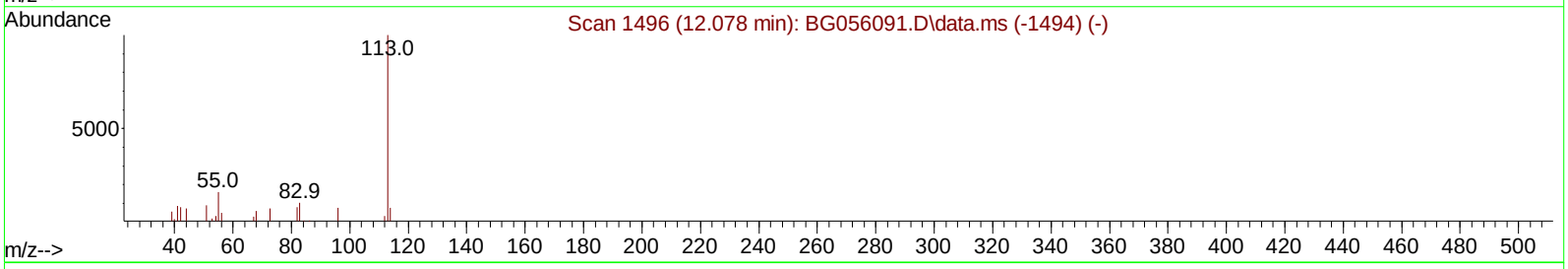
Instrument :
BNA_G
ClientSampleId :
SSTD040445

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022







TIC: BG056092.D\data.ms

(34) Caprolactam

12.081min (+ 0.003) 38.73 ng/ul

response 31701

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	35.00	46.30#
56.00	34.60	48.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056092.D
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Quant Title : SVOA CALIBRATION
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ClientSampleId :
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Manual IntegrationsAPPROVED

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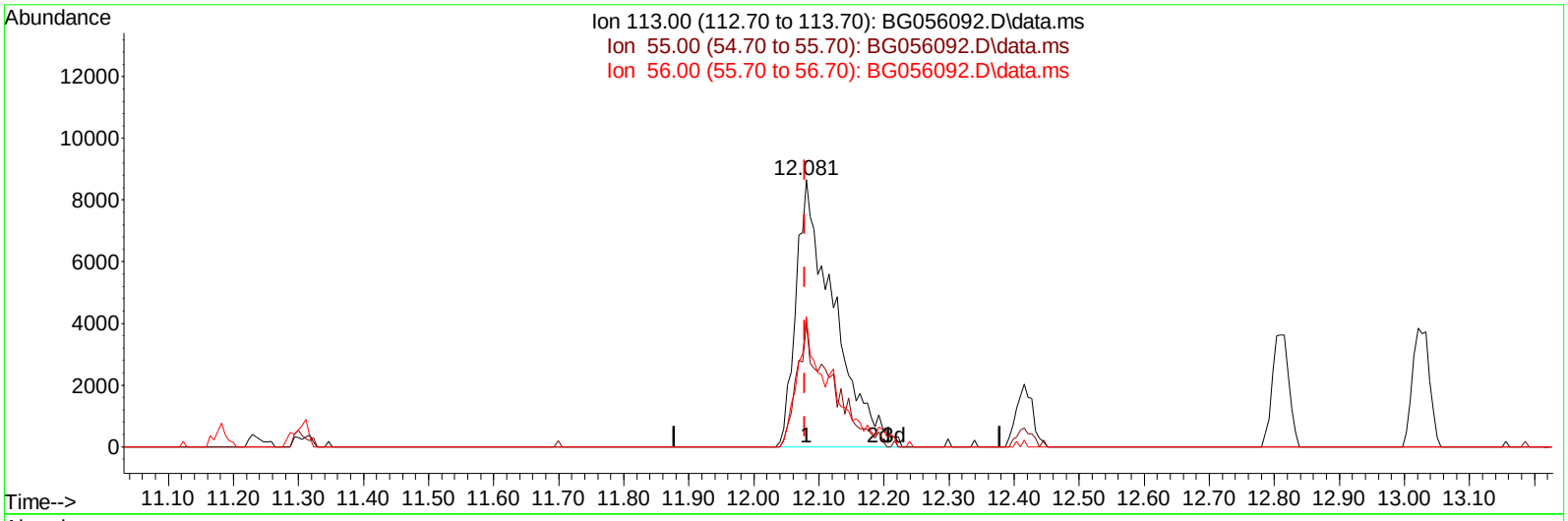

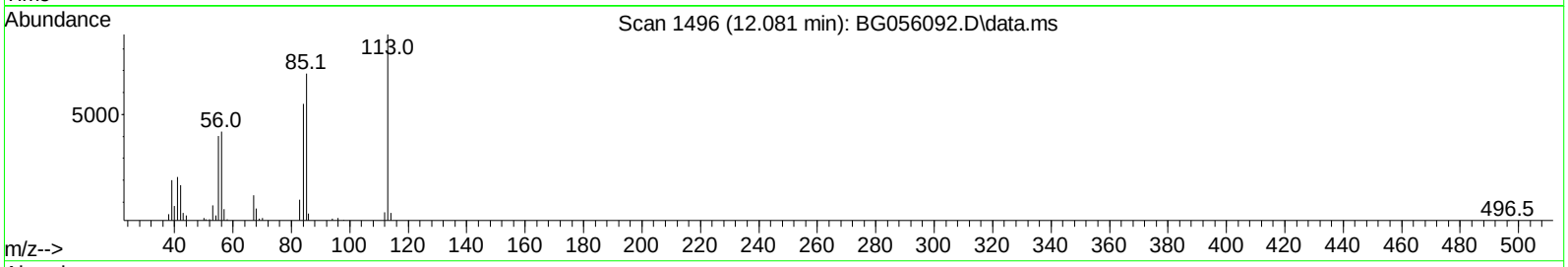

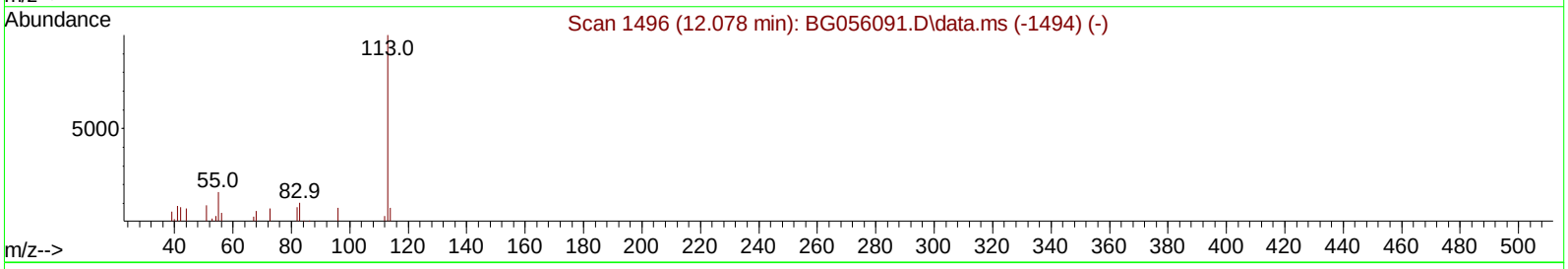

TIC: BG056092.D\data.ms

(34) Caprolactam

12.081min (+ 0.003) 42.69 ng/ul m

response 34940

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	35.00	46.30#
56.00	34.60	48.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056092.D
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Operator : CG/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
SSTD040445

Manual IntegrationsAPPROVED

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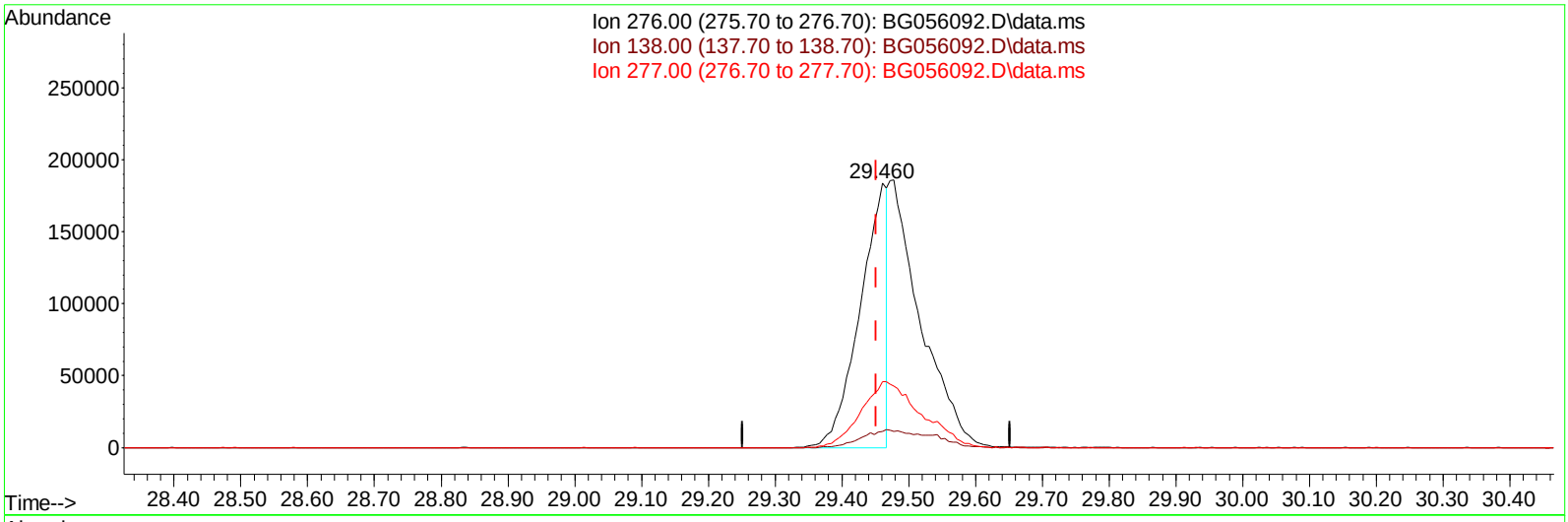

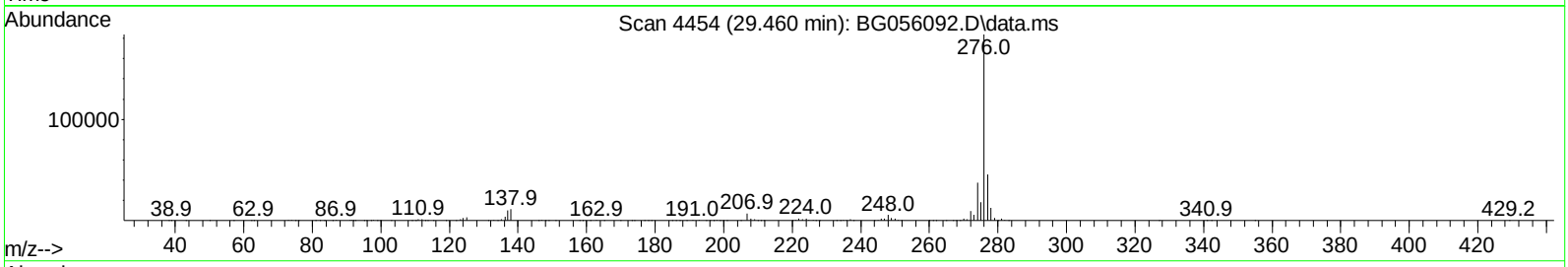

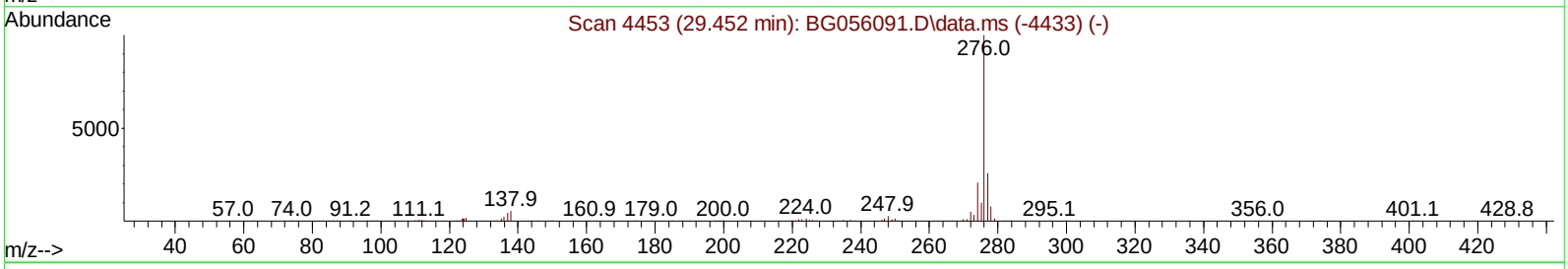

TIC: BG056092.D\data.ms

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

29.460min (+ 0.008) 18.41 ng/ul

response 511549

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.50	6.15
277.00	25.90	24.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056092.D
Acq On : 24 Dec 2022 16:26
Operator : CG/JU
Sample : SSTD04044
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 21:49:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 18:26:52 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040445

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
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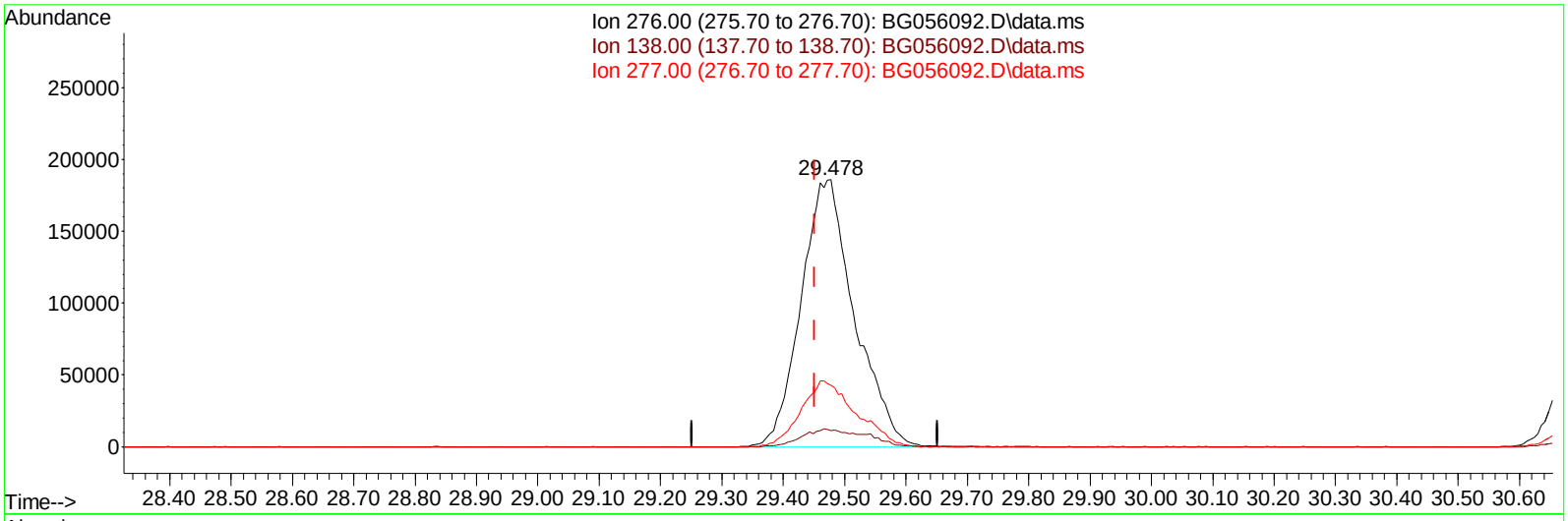

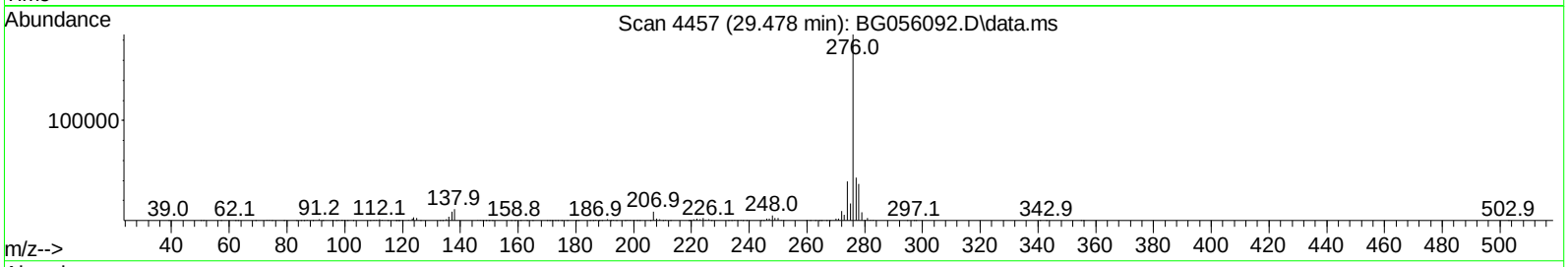

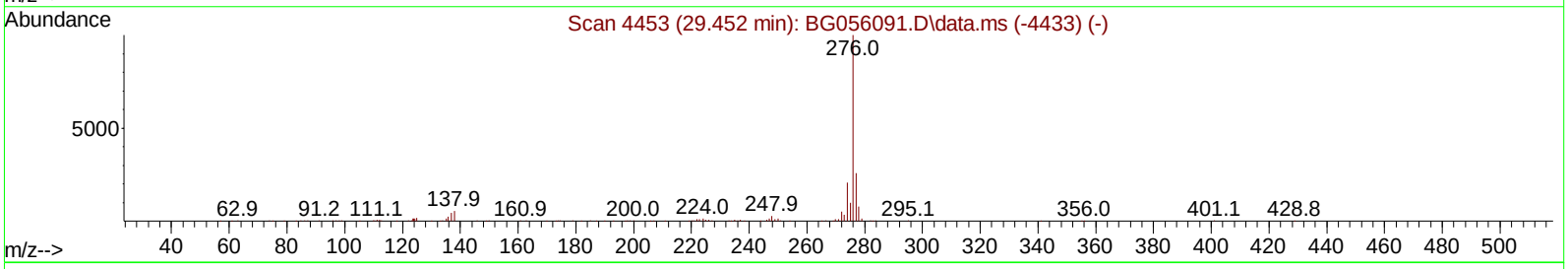

TIC: BG056092.D\data.ms

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

29.478min (+ 0.026) 40.42 ng/ul m

response 1123330

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.50	6.10
277.00	25.90	23.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056092.D
Acq On : 24 Dec 2022 16:26
Operator : CG/JU
Sample : SSTD04044
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 21:49:15 2022
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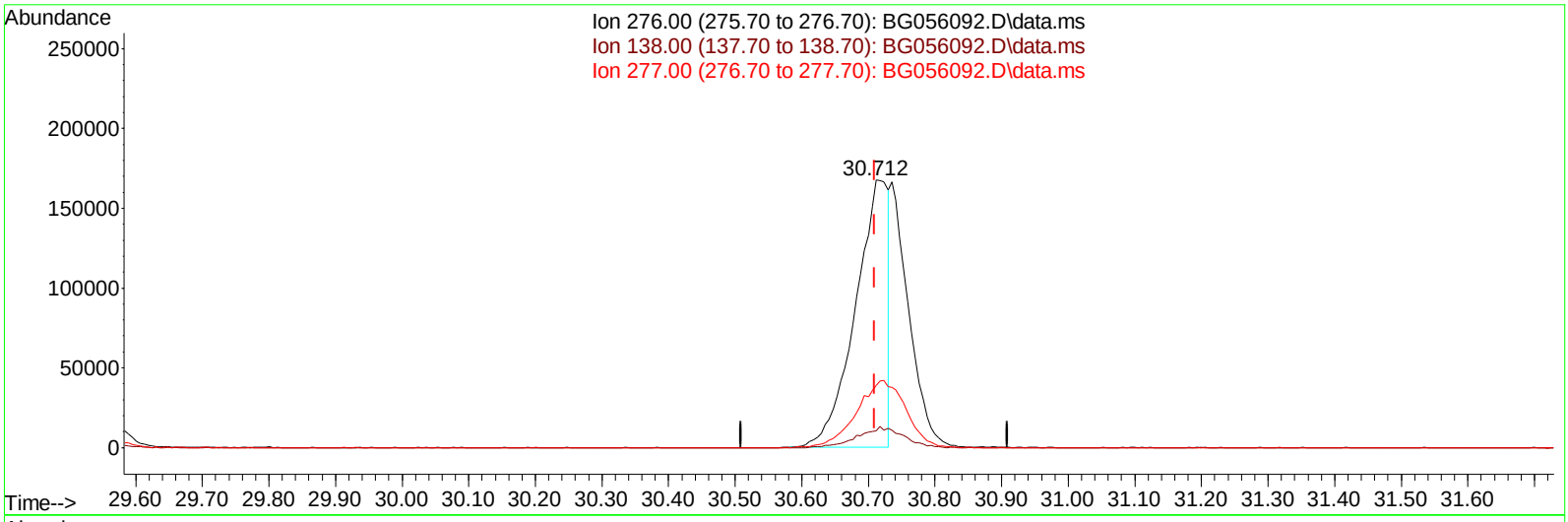
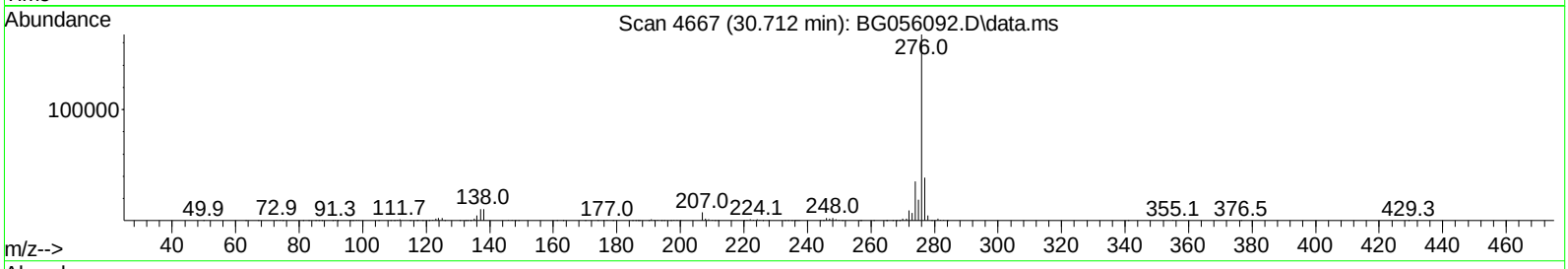
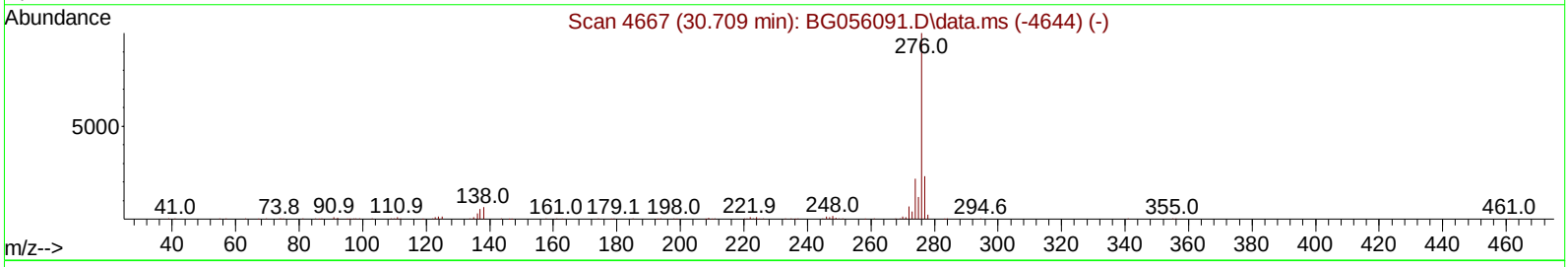
Instrument :
BNA_G
ClientSampleId :
SSTD040445

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022







TIC: BG056092.D\data.ms

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

30.712min (+ 0.003) 25.55 ng/ul

response 570314

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.40	6.35
277.00	23.10	23.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
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Acq On : 24 Dec 2022 16:26
Operator : CG/JU
Sample : SSTD04044
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 21:49:15 2022
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QLast Update : Sat Dec 24 18:26:52 2022
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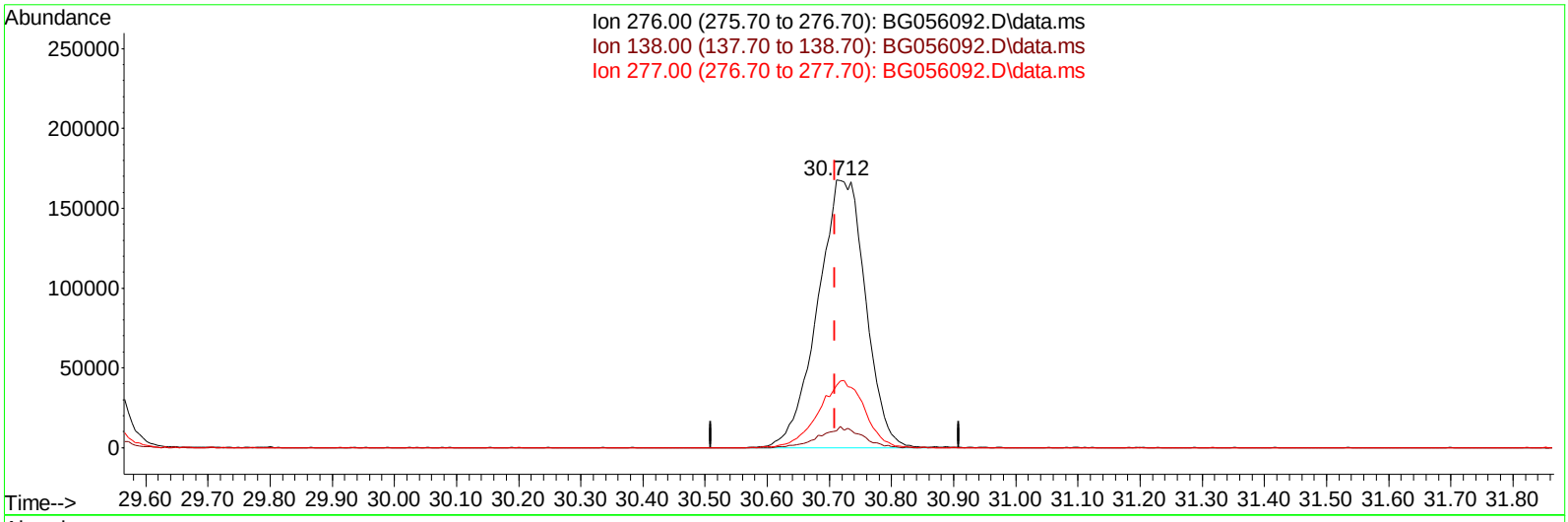
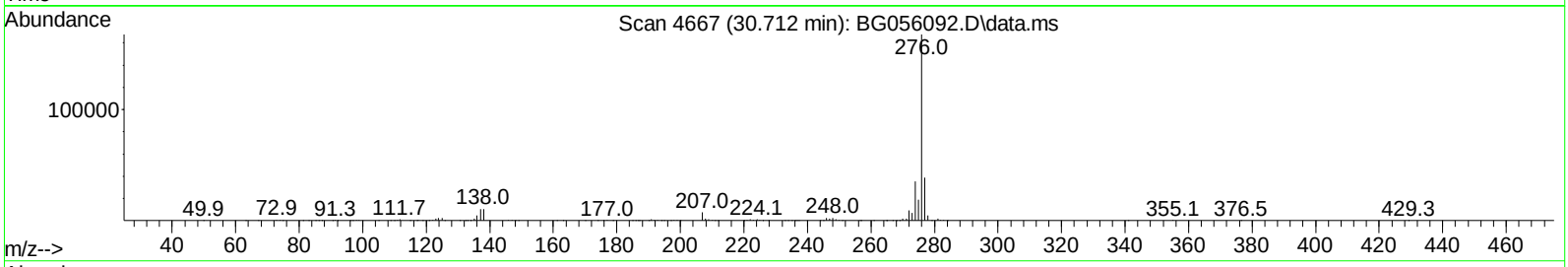
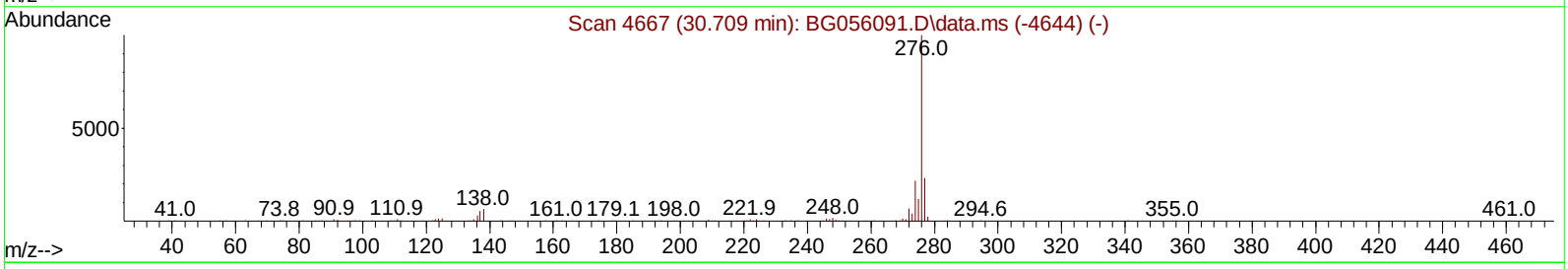
Instrument :
BNA_G
ClientSampleId :
SSTD040445

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022







TIC: BG056092.D\data.ms

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

30.712min (+ 0.003) 40.10 ng/ul m

response 894968

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.40	6.35
277.00	23.10	23.30
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056092.D
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Sample : SSTD04044
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.350	152	35460	20.000	ng/ul	0.00
20) Naphthalene-d8	11.182	136	133989	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.954	164	120062	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.692	188	323065	20.000	ng/ul	0.00
79) Chrysene-d12	21.993	240	333581	20.000	ng/ul	0.00
88) Perylene-d12	25.465	264	367108	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	14175	16.732	ng/uL	0.00
4) Pyridine-d5	4.084	84	112931	40.887	ng/ul	0.00
7) Phenol-d5	7.474	99	126689	39.386	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.656	67	51164	40.358	ng/ul	0.00
11) 2-Chlorophenol-d4	7.874	132	78529	41.308	ng/ul	0.00
15) 4-Methylphenol-d8	9.043	113	96408	39.825	ng/ul	0.00
21) Nitrobenzene-d5	9.519	128	40643	41.647	ng/ul	0.00
24) 2-Nitrophenol-d4	10.247	143	52197	40.937	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.788	165	116791	41.220	ng/ul	0.00
31) 4-Chloroaniline-d4	11.305	131	128058	39.959	ng/ul	0.00
46) Dimethylphthalate-d6	14.349	166	382309	41.143	ng/ul	0.00
49) Acenaphthylene-d8	14.654	160	423881	40.393	ng/ul	0.00
54) 4-Nitrophenol-d4	15.118	143	54666	39.082	ng/ul	0.00
60) Fluorene-d10	15.941	176	363269	39.605	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.047	200	82071	39.518	ng/ul	0.00
73) Anthracene-d10	17.792	188	606191	40.604	ng/ul	0.00
81) Pyrene-d10	20.054	212	764084	41.475	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.230	264	761842	40.829	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.690	88	14506	15.913	ng/uL#	95
5) Pyridine	4.108	79	108178	40.632	ng/ul	97
6) Benzaldehyde	7.474	77	50088	42.416	ng/ul	90
8) Phenol	7.504	94	126769	39.601	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.750	93	85101	40.387	ng/ul	97
12) 2-Chlorophenol	7.903	128	78781	41.258	ng/ul	98
13) 2-Methylphenol	8.773	108	95995	39.939	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.873	45	10689	39.493	ng/ul#	70
16) Acetophenone	9.172	105	158827	39.609	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.155	70	68140	40.191	ng/ul#	93
18) 4-Methylphenol	9.102	108	105191	40.403	ng/ul	97
19) Hexachloroethane	9.448	117	31669	41.250	ng/ul	99
22) Nitrobenzene	9.560	77	100575	41.533	ng/ul#	96
23) Isophorone	10.083	82	224772	40.597	ng/ul	96
25) 2-Nitrophenol	10.283	139	52141	42.363	ng/ul#	93
26) 2,4-Dimethylphenol	10.324	107	118226	40.594	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.559	93	117889	41.086	ng/ul	98
29) 2,4-Dichlorophenol	10.817	162	112570	41.598	ng/ul	96
30) Naphthalene	11.235	128	288230	41.285	ng/ul	99
32) 4-Chloroaniline	11.329	127	127823	39.581	ng/ul	95
33) Hexachlorobutadiene	11.511	225	101686	40.097	ng/ul	99
34) Caprolactam	12.081	113	34940m	42.692	ng/ul	
35) 4-Chloro-3-methylphenol	12.416	107	108134	41.593	ng/ul	94

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SSTD040445

Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.809	142	223418	39.915	ng/ul	91
37)	1-Methylnaphthalene	13.027	142	225665	40.021	ng/ul	94
39)	1,2,4,5-Tetrachloroben...	13.168	216	199054	40.200	ng/ul	98
40)	Hexachlorocyclopentadiene	13.144	237	127114	39.593	ng/ul	97
41)	2,4,6-Trichlorophenol	13.397	196	120896	41.425	ng/ul	88
42)	2,4,5-Trichlorophenol	13.467	196	133120	42.069	ng/ul	88
43)	1,1'-Biphenyl	13.796	154	345038	40.650	ng/ul	97
44)	2-Chloronaphthalene	13.843	162	285476	40.577	ng/ul	95
45)	2-Nitroaniline	14.037	65	41643	42.624	ng/ul#	77
47)	Dimethylphthalate	14.396	163	377268	40.943	ng/ul	100
48)	2,6-Dinitrotoluene	14.519	165	75688	41.615	ng/ul	93
50)	Acenaphthylene	14.683	152	425936	40.842	ng/ul	98
51)	3-Nitroaniline	14.848	138	55216	40.417	ng/ul	97
52)	Acenaphthene	15.018	153	298973	40.809	ng/ul	91
53)	2,4-Dinitrophenol	15.048	184	55993	39.553	ng/ul	94
55)	4-Nitrophenol	15.136	109	56296	41.369	ng/ul	95
56)	Dibenzofuran	15.347	168	459966	40.111	ng/ul	99
57)	2,4-Dinitrotoluene	15.300	165	103839	41.171	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.565	232	129131	41.284	ng/ul#	99
59)	Diethylphthalate	15.747	149	339667	41.261	ng/ul	97
61)	Fluorene	15.994	166	375828	39.898	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.976	204	242599	39.643	ng/ul	96
63)	4-Nitroaniline	16.005	138	54728	41.982	ng/ul	87
66)	4,6-Dinitro-2-methylph...	16.058	198	78319	39.334	ng/ul#	93
67)	N-Nitrosodiphenylamine	16.188	169	338047	41.298	ng/ul	98
68)	4-Bromophenyl-phenylether	16.869	248	169924	41.488	ng/ul	94
69)	Hexachlorobenzene	16.998	284	162728	41.050	ng/ul	95
70)	Atrazine	17.122	200	159346	40.828	ng/ul	97
71)	Pentachlorophenol	17.333	266	102754	40.771	ng/ul	94
72)	Phenanthrene	17.733	178	670687	40.893	ng/ul	99
74)	Anthracene	17.827	178	677505	40.353	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.767	216	202989	41.423	ng/uL	94
76)	Pentachlorobenzene	15.271	250	201703	41.696	ng/uL	90
77)	Carbazole	18.085	167	554151	40.371	ng/ul	99
78)	Di-n-butylphthalate	18.620	149	542209	43.235	ng/ul	98
80)	Fluoranthene	19.725	202	906887	41.863	ng/ul	100
82)	Pyrene	20.083	202	883938	40.448	ng/ul	99
83)	Butylbenzylphthalate	20.947	149	205933	44.281	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.875	252	322217	42.991	ng/ul	99
85)	Benzo(a)anthracene	21.975	228	934491	41.043	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.846	149	322670	45.291	ng/ul	99
87)	Chrysene	22.045	228	867181	41.039	ng/ul	99
89)	Di-n-octyl phthalate	23.144	149	555271	40.873	ng/ul	100
90)	Benzo(b)fluoranthene	24.354	252	1002675	41.373	ng/ul	98
91)	Benzo(k)fluoranthene	24.431	252	945018	39.984	ng/ul	99
93)	Benzo(a)pyrene	25.306	252	856674	40.567	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.478	276	1123330m	40.422	ng/ul	
95)	Dibenzo(a,h)anthracene	29.537	278	928728	39.920	ng/ul	99
96)	Benzo(g,h,i)perylene	30.712	276	894968m	40.101	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
SSTD040445

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056092.D
Acq On : 24 Dec 2022 16:26
Operator : CG/JU
Sample : SSTD04044
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 21:49:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 18:26:52 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040445

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022