

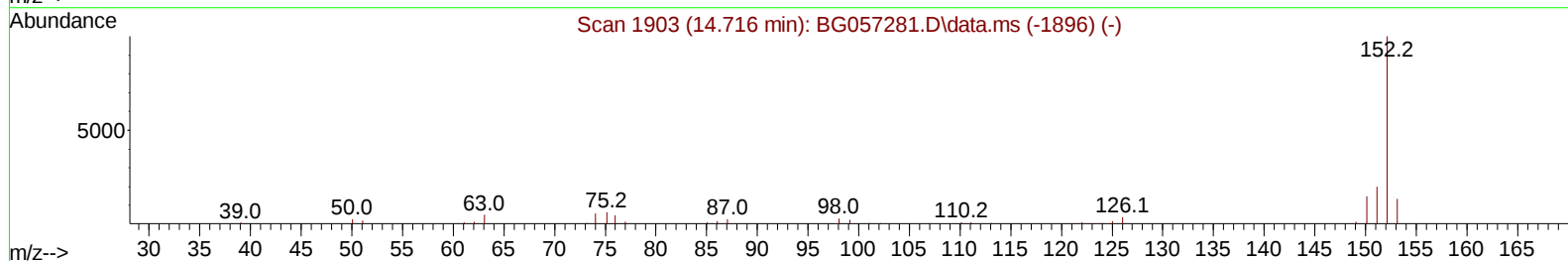
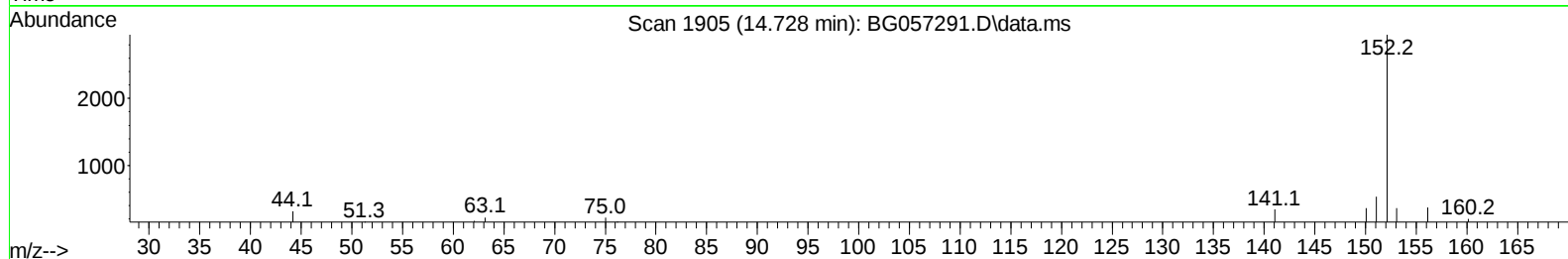
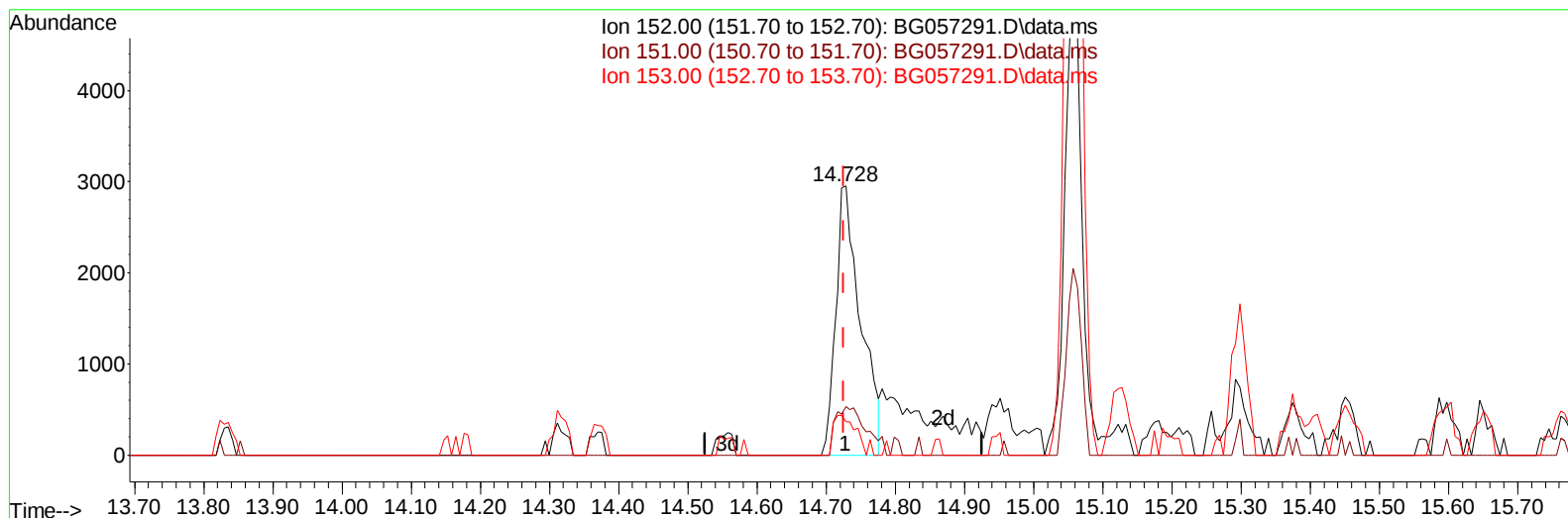
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057291.D
Acq On : 3 May 2023 17:57
Operator : CG/JU
Sample : 02419-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW923

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 04 01:17:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



TIC: BG057291.D\data.ms

(50) Acenaphthylene

14.728min (+ 0.003) 1.77 ng/u1

response 7326

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.40	18.16
153.00	12.60	12.30
0.00	0.00	0.00

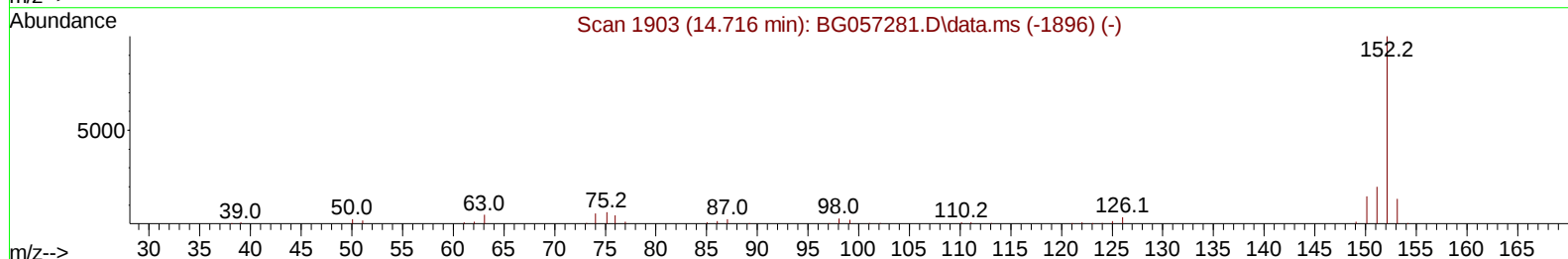
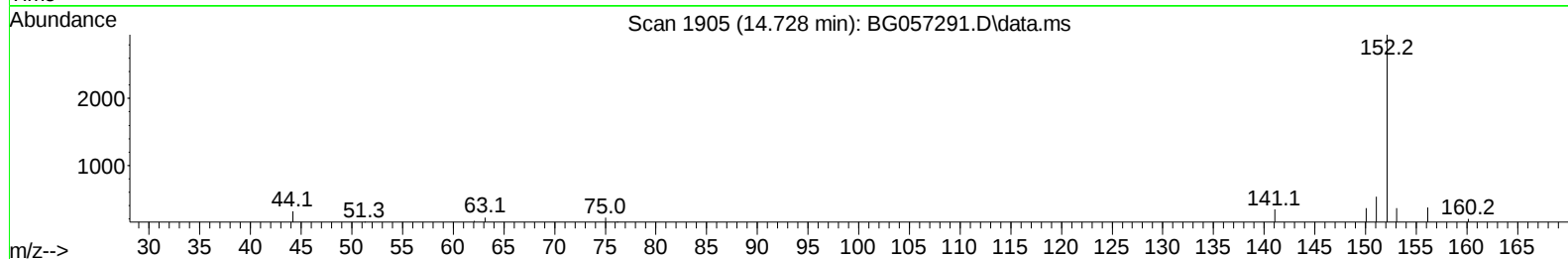
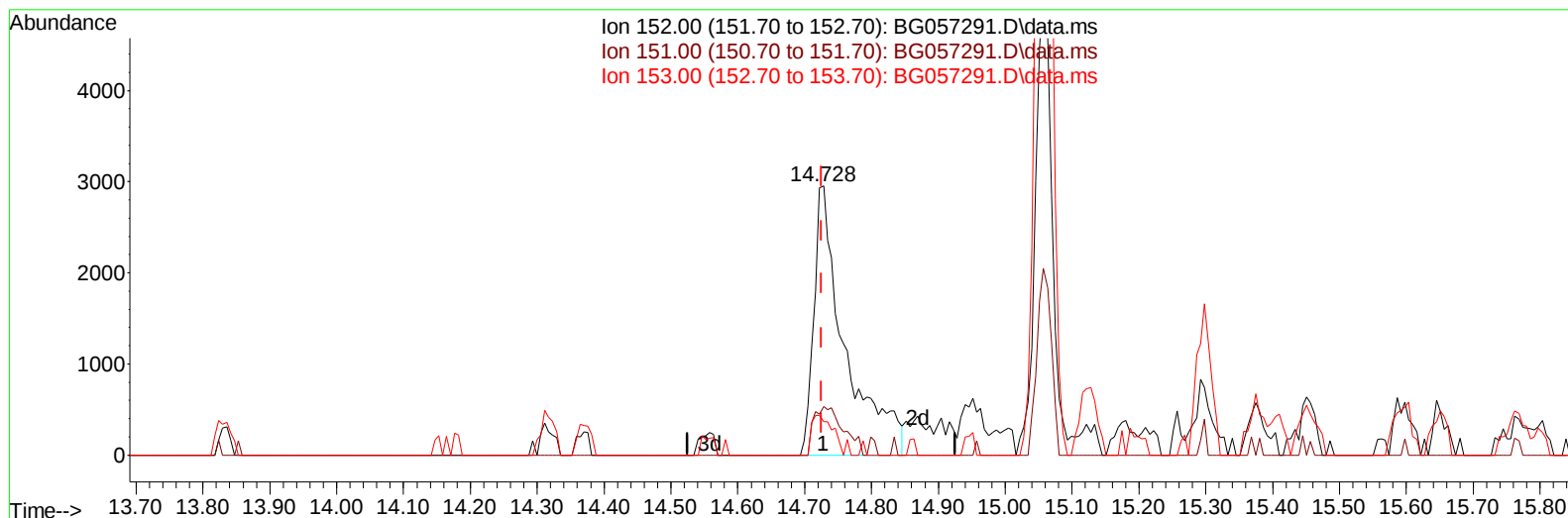
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057291.D
 Acq On : 3 May 2023 17:57
 Operator : CG/JU
 Sample : 02419-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW923

Manual IntegrationsAPPROVED

Quant Time: May 04 01:17:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BG057291.D\data.ms

(50) Acenaphthylene

14.728min (+ 0.003) 2.30 ng/ul m

response 9520

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.40	18.16
153.00	12.60	12.30
0.00	0.00	0.00

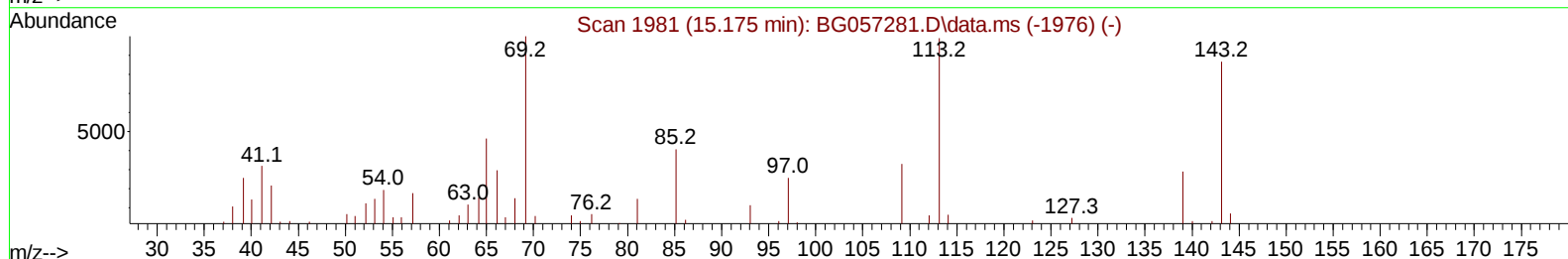
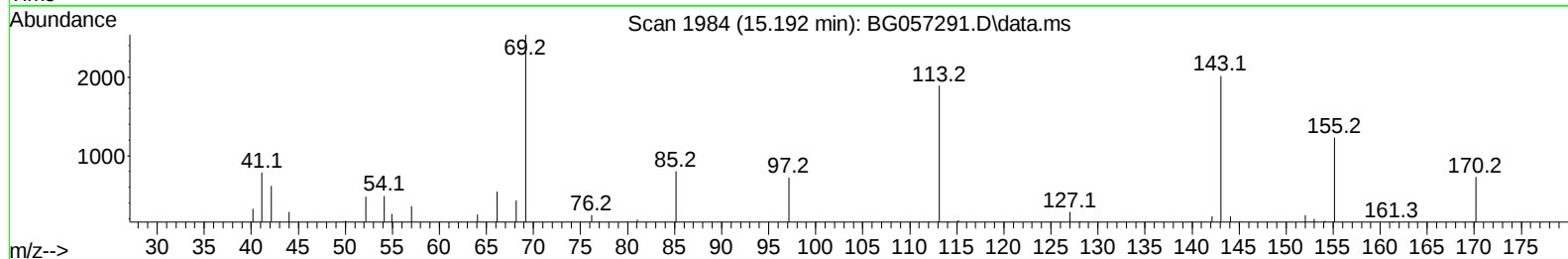
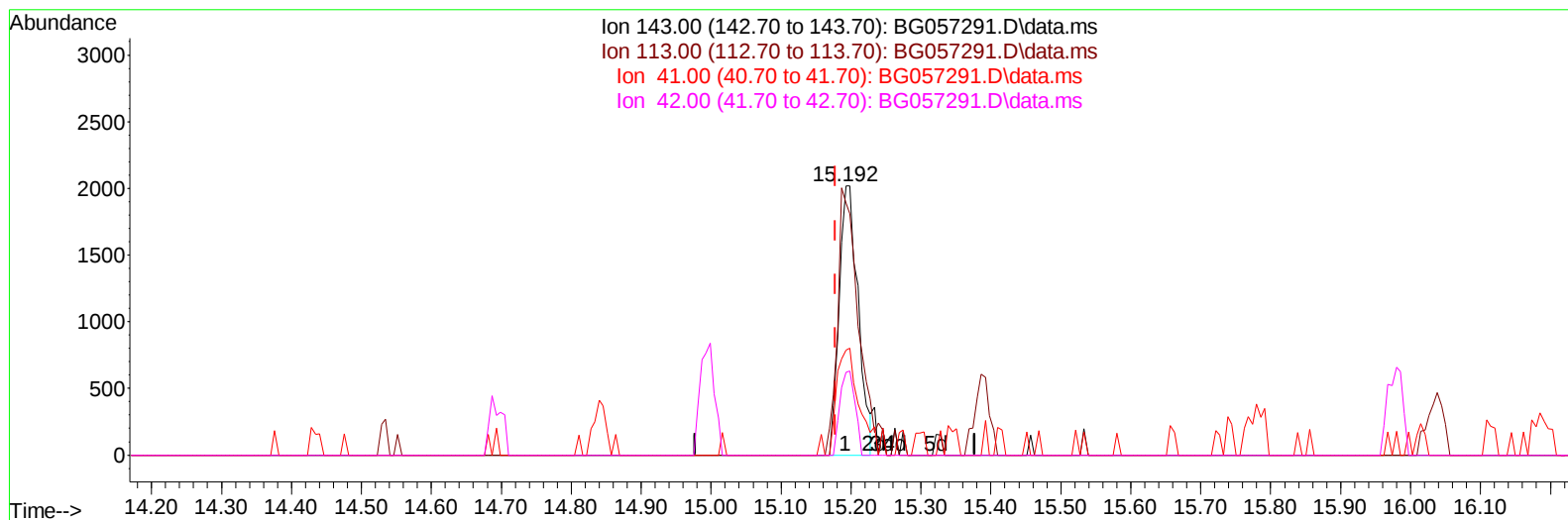
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057291.D
Acq On : 3 May 2023 17:57
Operator : CG/JU
Sample : 02419-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW923

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 04 03:32:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



TIC: BG057291.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.192min (+ 0.015) 7.31 ng/u1

response 3851

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	93.70
41.00	44.40	38.92
42.00	28.40	30.74

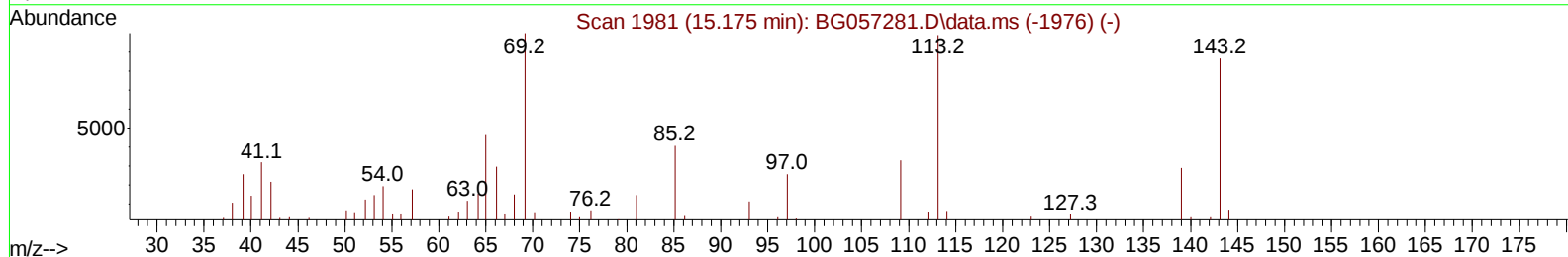
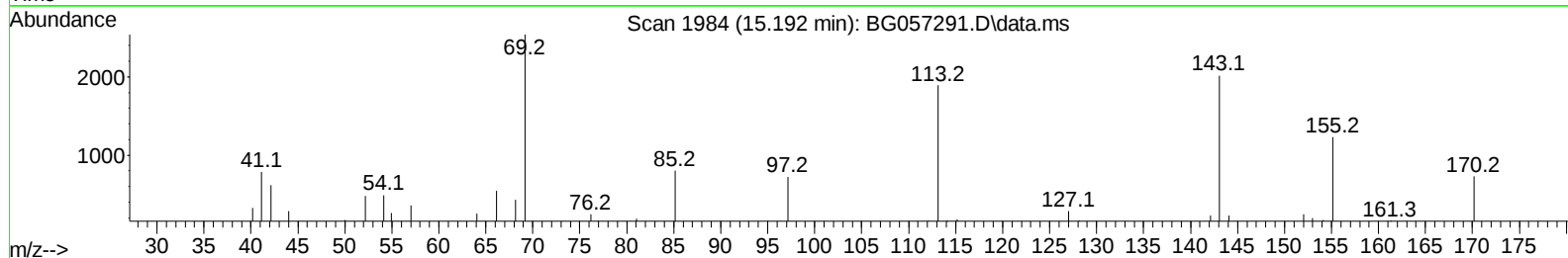
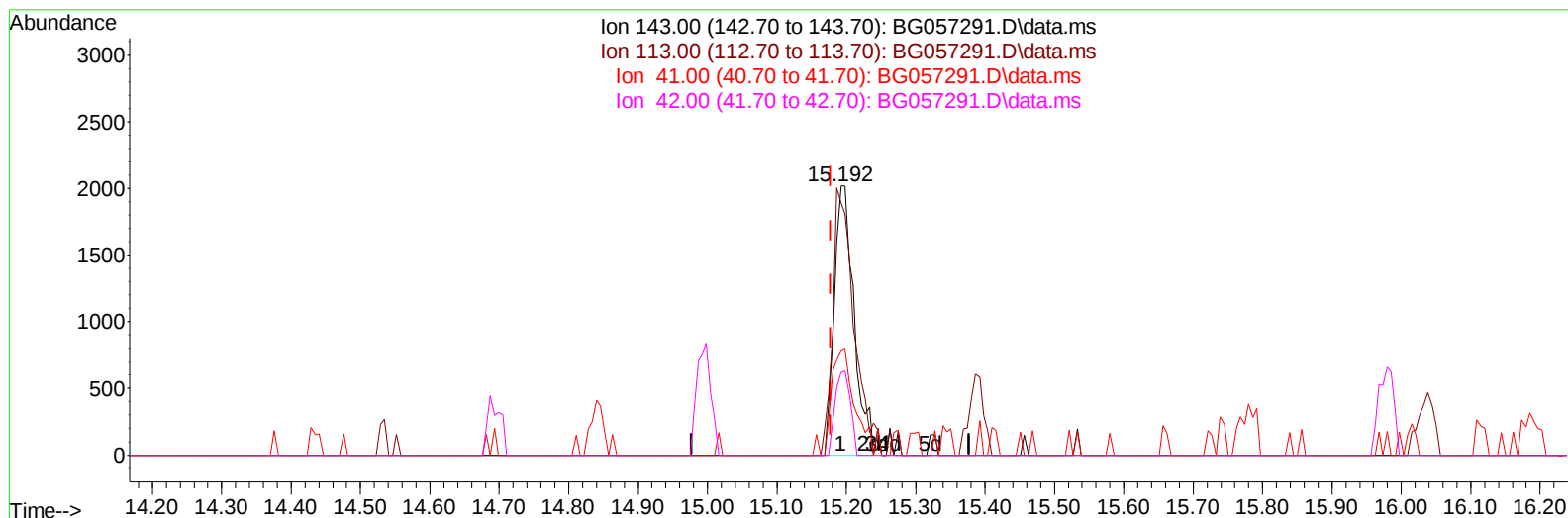
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057291.D
Acq On : 3 May 2023 17:57
Operator : CG/JU
Sample : 02419-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW923

Manual IntegrationsAPPROVED

Quant Time: May 04 03:32:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BG057291.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.192min (+ 0.015) 7.54 ng/ul m

response 3976

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	93.70
41.00	44.40	38.92
42.00	28.40	30.74

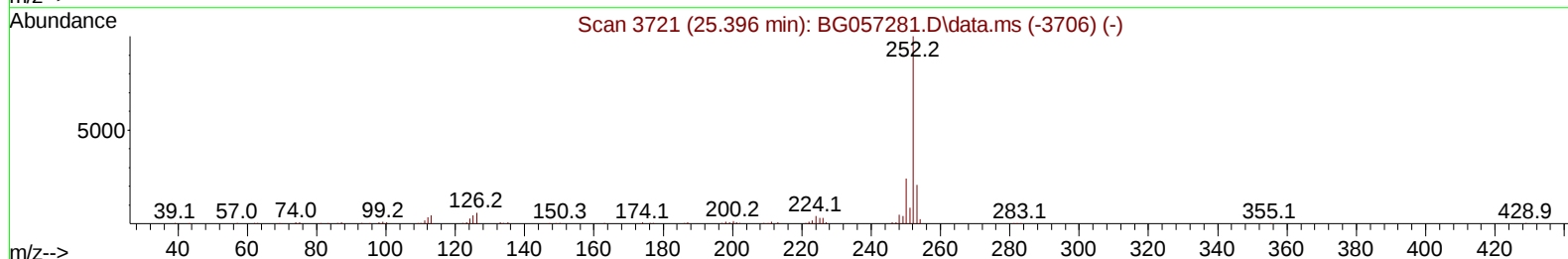
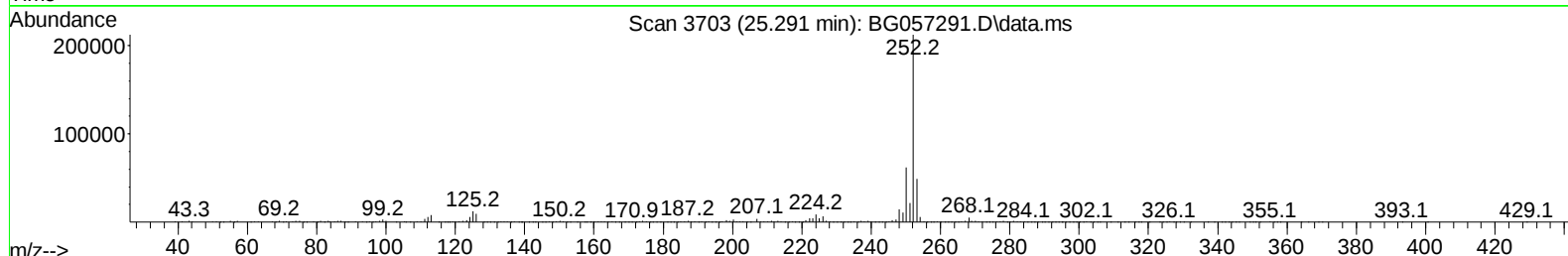
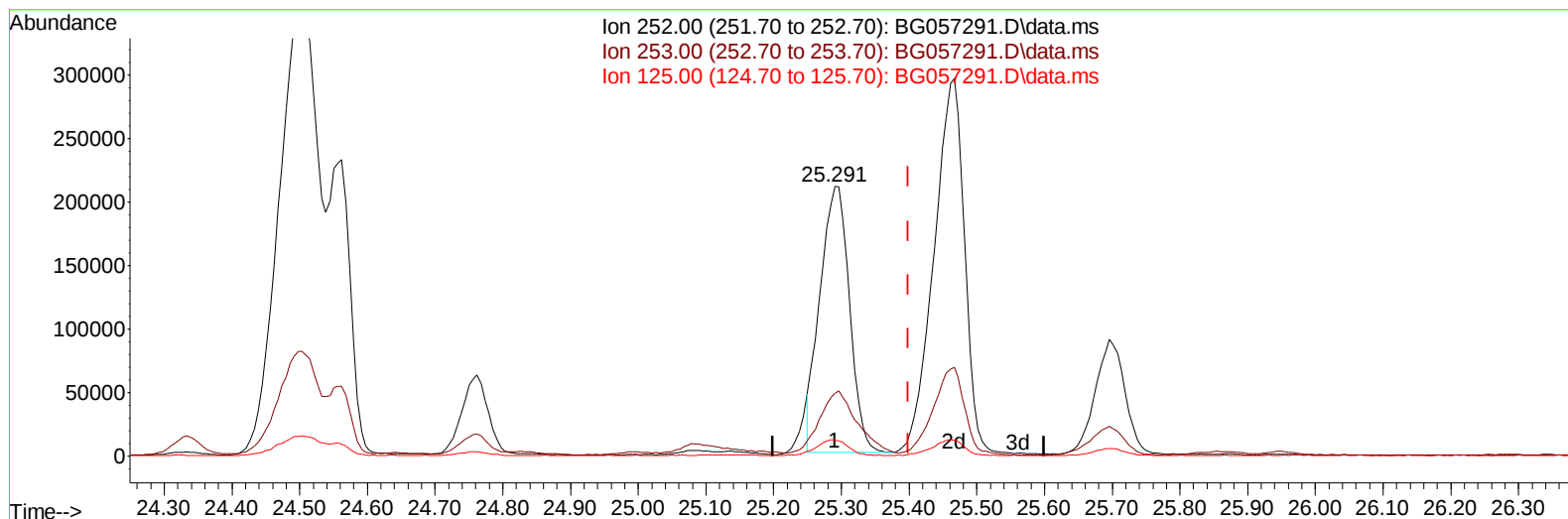
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057291.D
Acq On : 3 May 2023 17:57
Operator : CG/JU
Sample : 02419-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW923

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 04 03:32:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



TIC: BG057291.D\data.ms

(93) Benzo(a)pyrene (C)

25.291min (-0.109) 115.22 ng/u1

response 631951

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	23.17
125.00	6.40	5.92
0.00	0.00	0.00

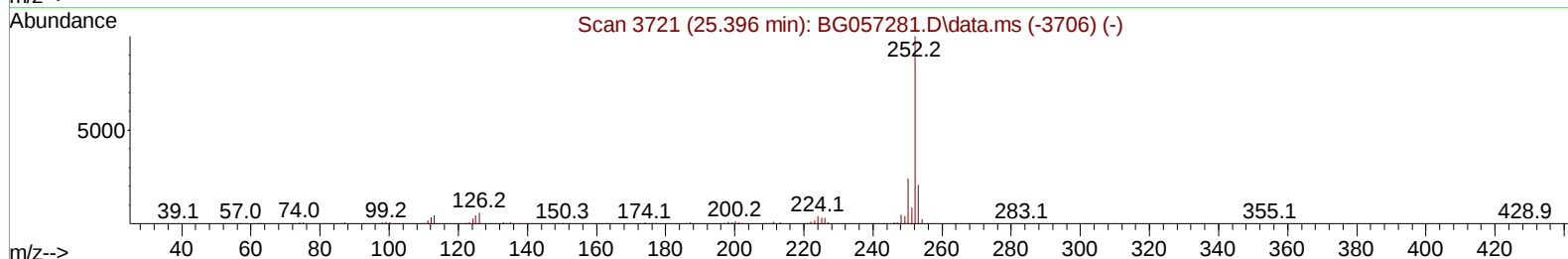
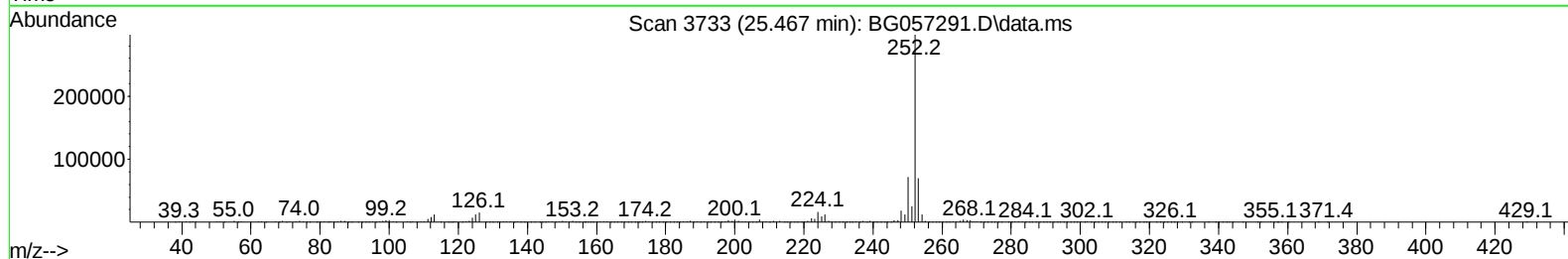
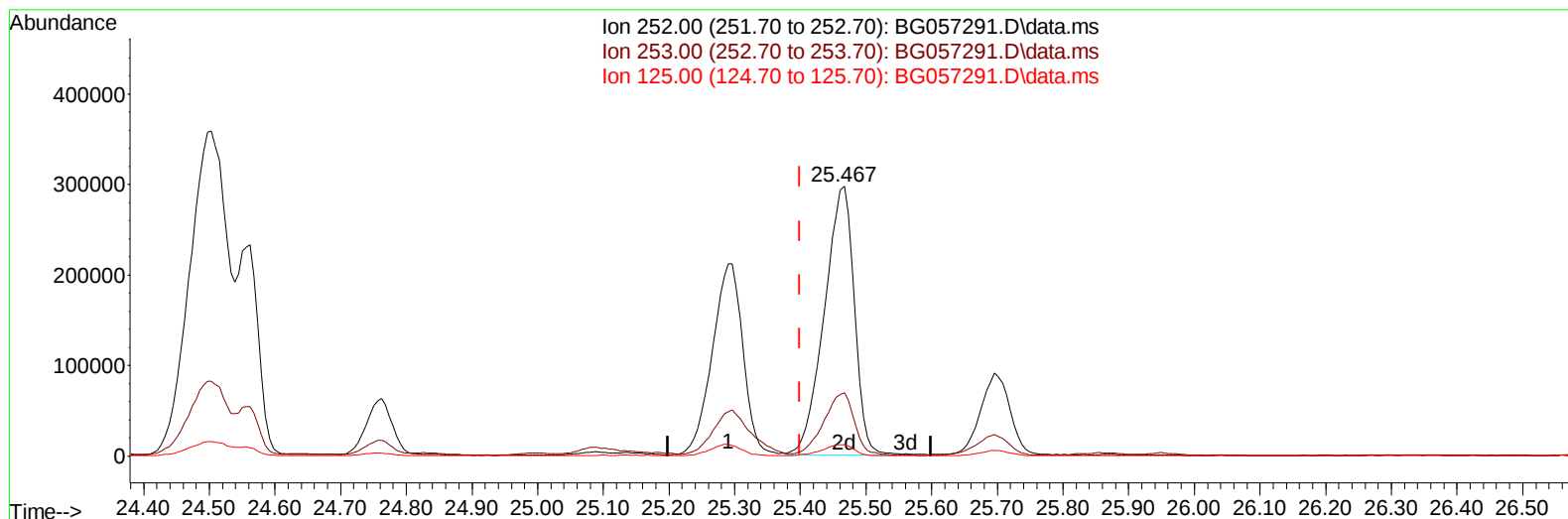
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057291.D
Acq On : 3 May 2023 17:57
Operator : CG/JU
Sample : 02419-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW923

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 04 03:32:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



TIC: BG057291.D\data.ms

(93) Benzo(a)pyrene (C)

25.467min (+ 0.067) 171.17 ng/u1 m

response 938841

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	23.52
125.00	6.40	4.17#
0.00	0.00	0.00

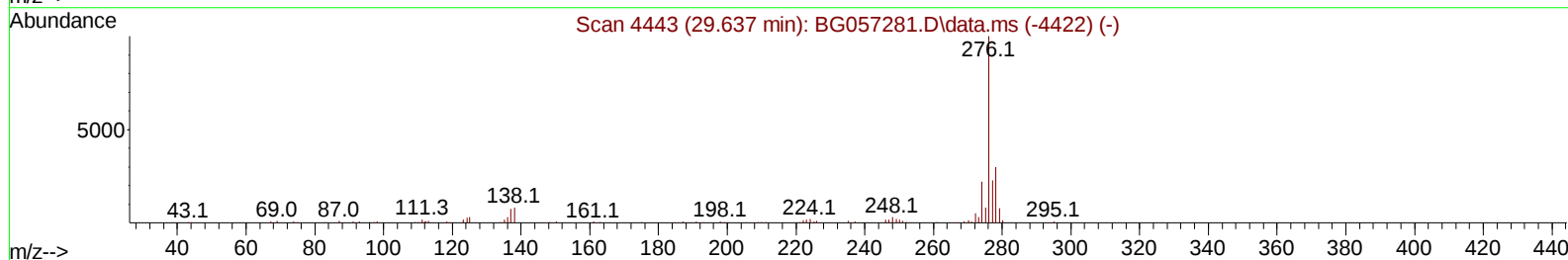
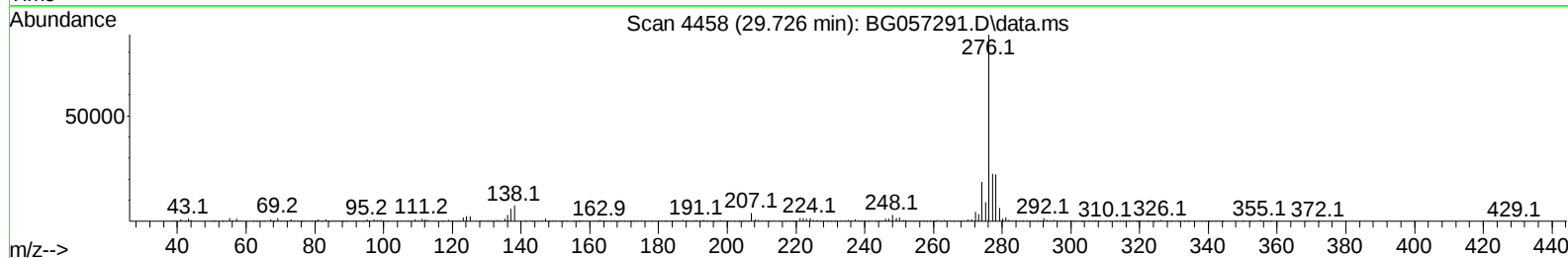
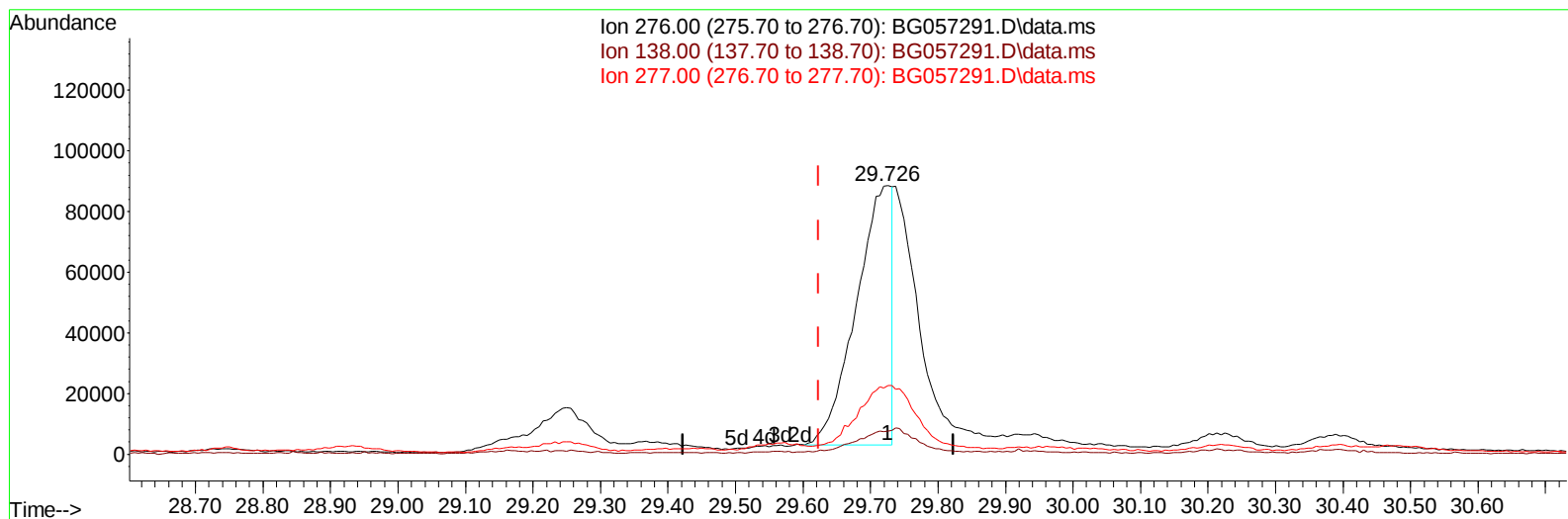
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057291.D
 Acq On : 3 May 2023 17:57
 Operator : CG/JU
 Sample : 02419-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW923

Manual IntegrationsAPPROVED

Quant Time: May 04 03:32:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BG057291.D\data.ms

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

29.726min (+ 0.103) 45.95 ng/u1

response 315015

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	8.61#
277.00	23.30	25.55
0.00	0.00	0.00

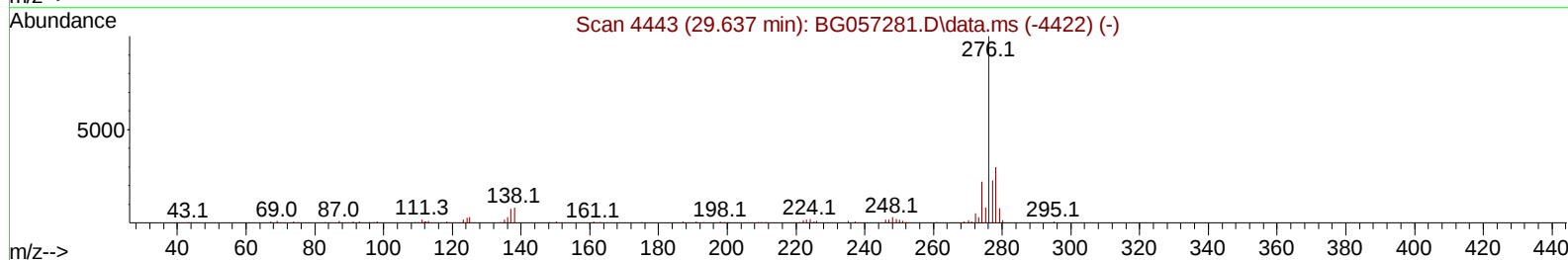
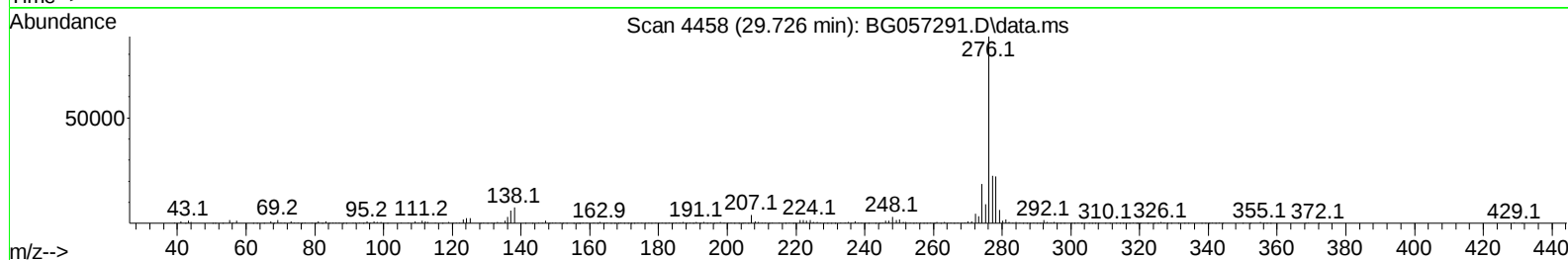
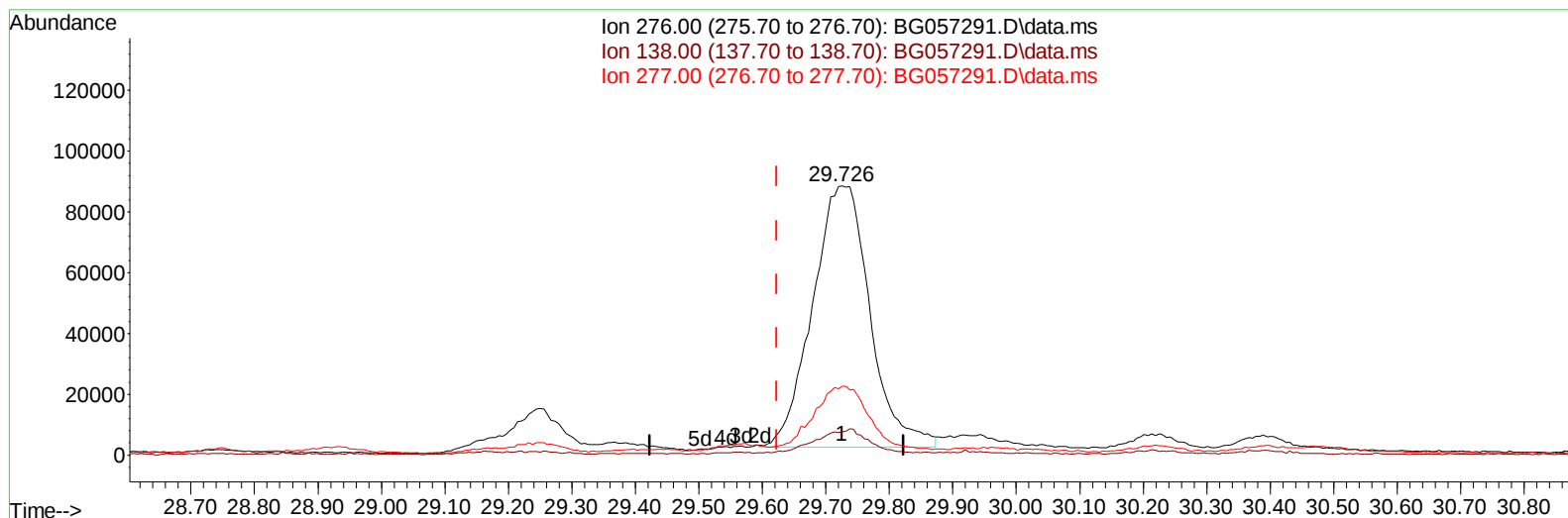
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057291.D
Acq On : 3 May 2023 17:57
Operator : CG/JU
Sample : 02419-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW923

Manual IntegrationsAPPROVED

Quant Time: May 04 03:32:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BG057291.D\data.ms

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

29.726min (+ 0.103) 78.52 ng/ul m

response 538353

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	8.61#
277.00	23.30	25.55
0.00	0.00	0.00

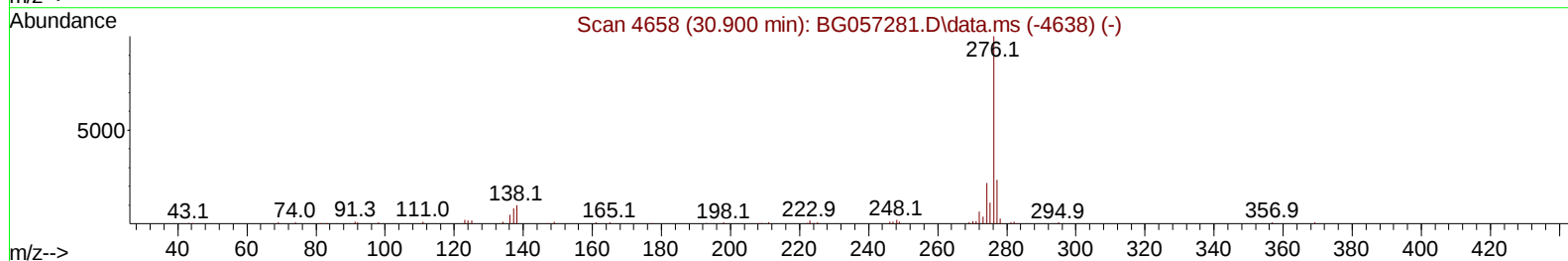
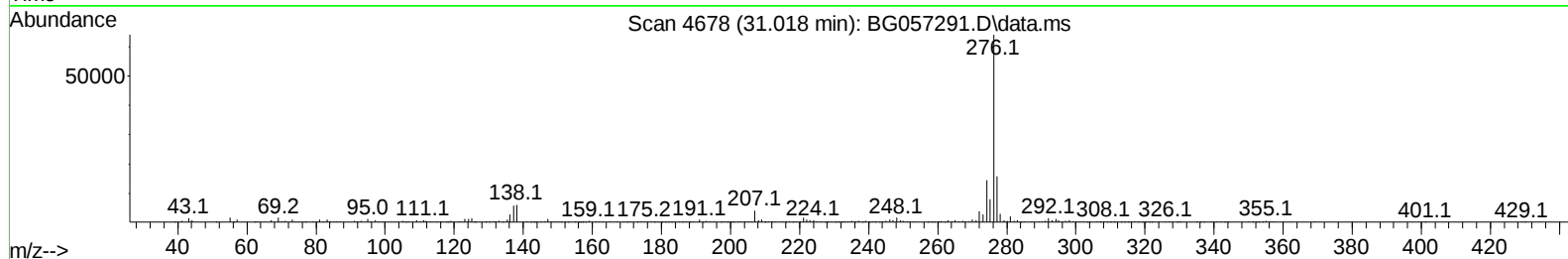
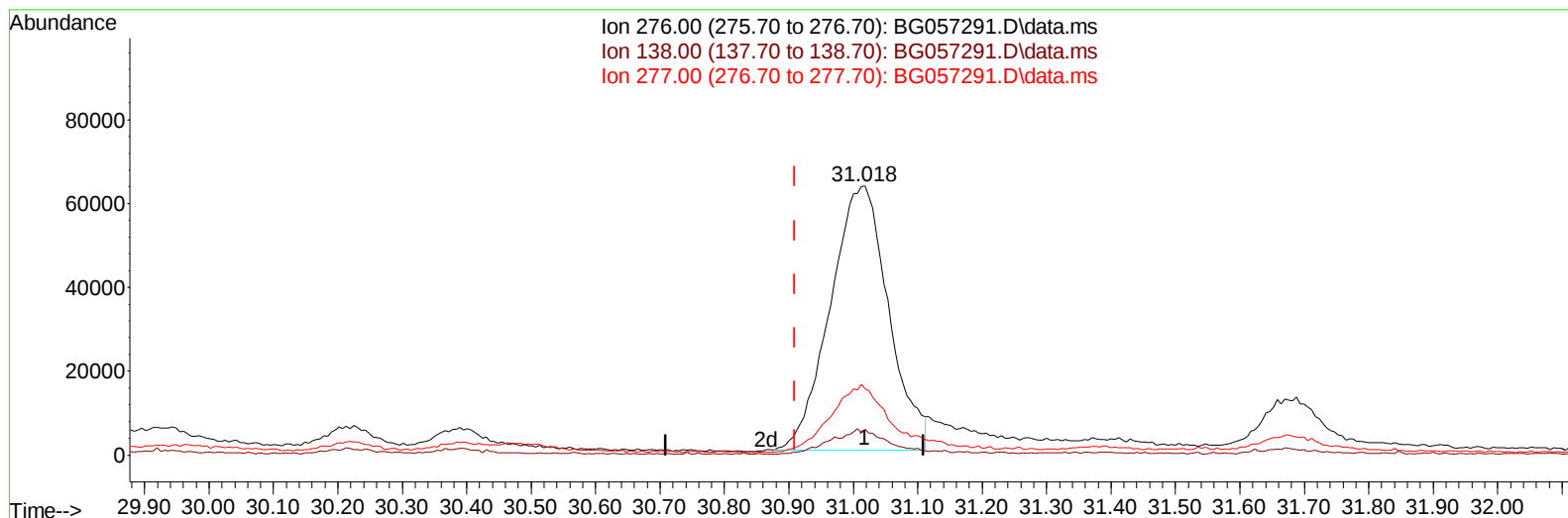
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057291.D
 Acq On : 3 May 2023 17:57
 Operator : CG/JU
 Sample : 02419-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW923

Manual IntegrationsAPPROVED

Quant Time: May 04 03:33:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BG057291.D\data.ms

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

31.018min (+ 0.109) 71.12 ng/u1

response 394626

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.48
277.00	23.00	24.62
0.00	0.00	0.00

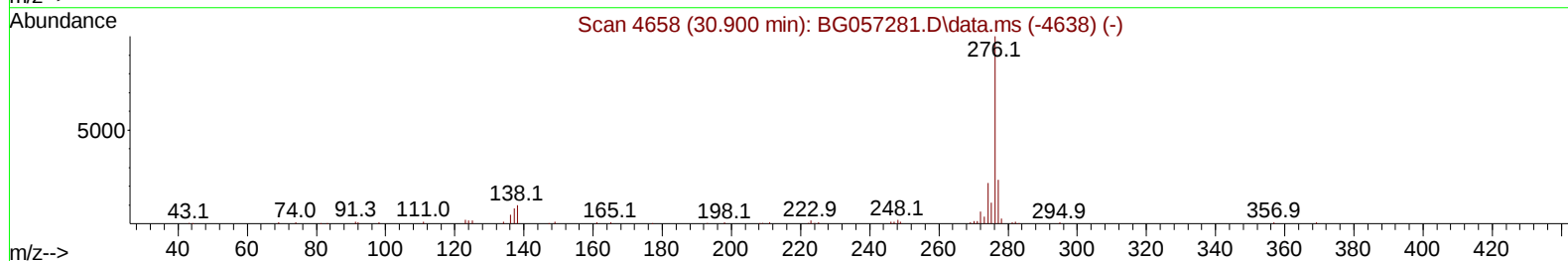
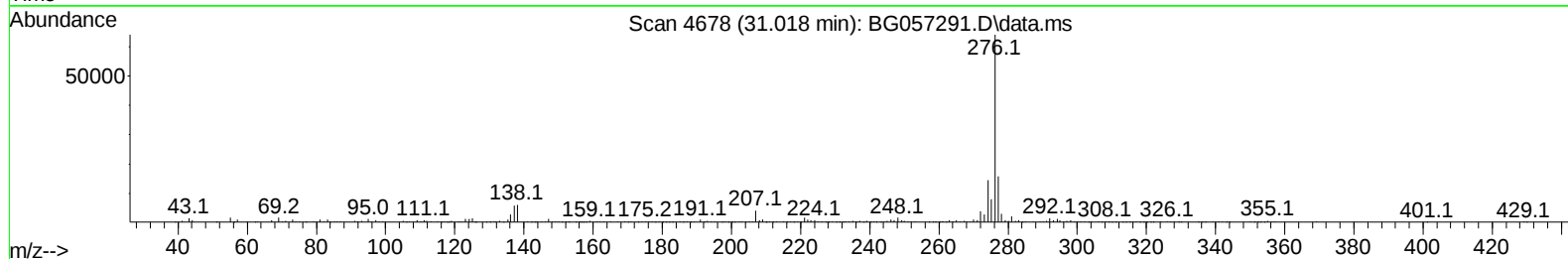
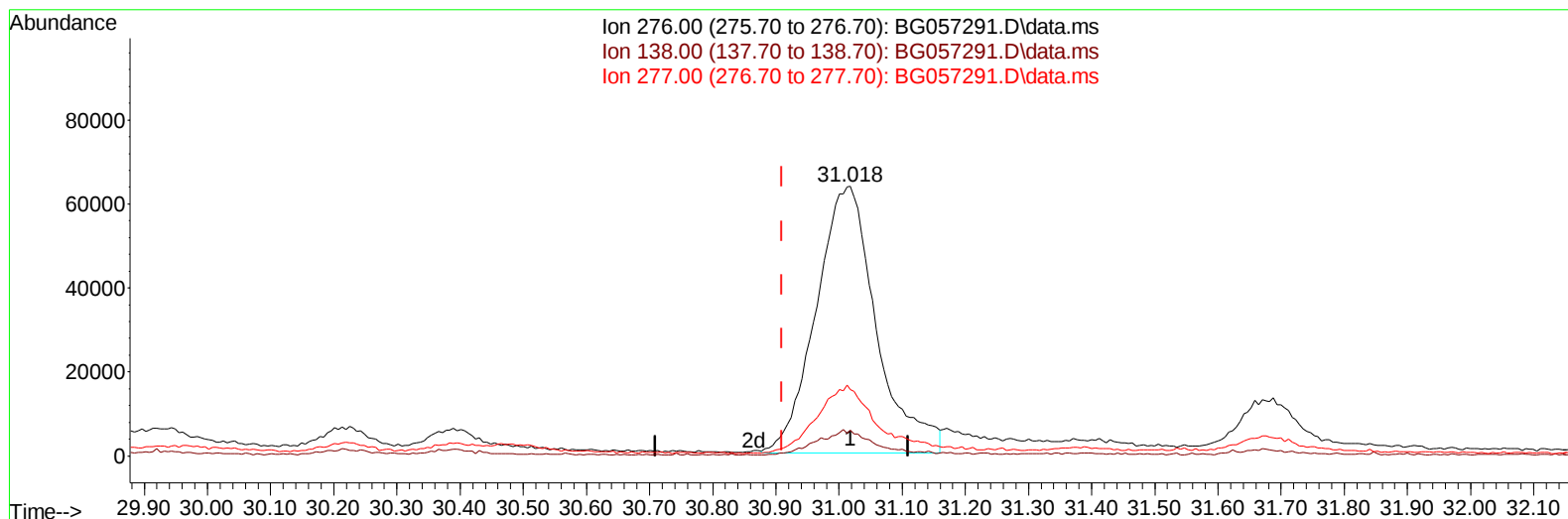
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057291.D
Acq On : 3 May 2023 17:57
Operator : CG/JU
Sample : 02419-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW923

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 04 03:33:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



TIC: BG057291.D\data.ms

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

31.018min (+ 0.109) 76.05 ng/ul m

response 421977

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.48
277.00	23.00	24.62
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057291.D
 Acq On : 3 May 2023 17:57
 Operator : CG/JU
 Sample : 02419-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW923

Manual IntegrationsAPPROVED

Quant Time: May 04 03:34:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	13096	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136	57392	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.993	164	45695	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	100144	20.000	ng/ul	0.00
79) Chrysene-d12	22.071	240	81570	20.000	ng/ul	# 0.02
88) Perylene-d12	25.608	264	91745	20.000	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	394	1.324	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.520	99	14461	11.676	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	7722	10.601	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132	10576	12.958	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	11469	12.184	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	5302	11.601	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143	6456	12.104	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	13973	13.578	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	7616	5.584	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	49734	13.736	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	57290	14.078	ng/ul	0.00
54) 4-Nitrophenol-d4	15.192	143	3976m	7.544	ng/ul	0.01
60) Fluorene-d10	15.980	176	44508	13.195	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.109	200	1689	2.847	ng/ul	0.01
73) Anthracene-d10	17.836	188	67544	14.776	ng/ul	0.00
81) Pyrene-d10	20.109	212	74193	15.324	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.367	264	68674	14.692	ng/ul	0.04
Target Compounds						
					Qvalue	
16) Acetophenone	9.206	105	4836	2.986	ng/ul#	88
30) Naphthalene	11.268	128	5838	1.853	ng/ul	98
36) 2-Methylnaphthalene	12.849	142	3277	1.418	ng/ul	92
37) 1-Methylnaphthalene	13.060	142	3889	1.674	ng/ul#	88
50) Acenaphthylene	14.728	152	9520m	2.302	ng/ul	
52) Acenaphthene	15.057	153	17163	5.825	ng/ul	99
56) Dibenzofuran	15.386	168	16047	3.771	ng/ul	93
61) Fluorene	16.038	166	29236	8.126	ng/ul	95
72) Phenanthrene	17.783	178	679348	130.267	ng/ul	99
74) Anthracene	17.871	178	162694	31.057	ng/ul	99
77) Carbazole	18.136	167	36628	8.367	ng/ul	99
80) Fluoranthene	19.786	202	1971175	342.728	ng/ul	97
82) Pyrene	20.150	202	1700532	292.069	ng/ul#	96
83) Butylbenzylphthalate	20.990	149	319144	171.161	ng/ul	99
85) Benzo(a)anthracene	22.054	228	1124693	194.953	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.889	149	824890	304.176	ng/ul	99
87) Chrysene	22.124	228	1098317	201.789	ng/ul	93
90) Benzo(b)fluoranthene	24.503	252	1446400	227.662	ng/ul#	96
91) Benzo(k)fluoranthene	24.562	252	488159	78.978	ng/ul#	97
93) Benzo(a)pyrene	25.467	252	938841m	171.168	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.726	276	538353m	78.519	ng/ul	
95) Dibenzo(a,h)anthracene	29.755	278	139016	24.452	ng/ul	93
96) Benzo(g,h,i)perylene	31.018	276	421977m	76.047	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057291.D
 Acq On : 3 May 2023 17:57
 Operator : CG/JU
 Sample : 02419-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW923

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 04 03:34:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057291.D
 Acq On : 3 May 2023 17:57
 Operator : CG/JU
 Sample : 02419-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW923

Manual IntegrationsAPPROVED

Quant Time: May 04 03:34:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023

