

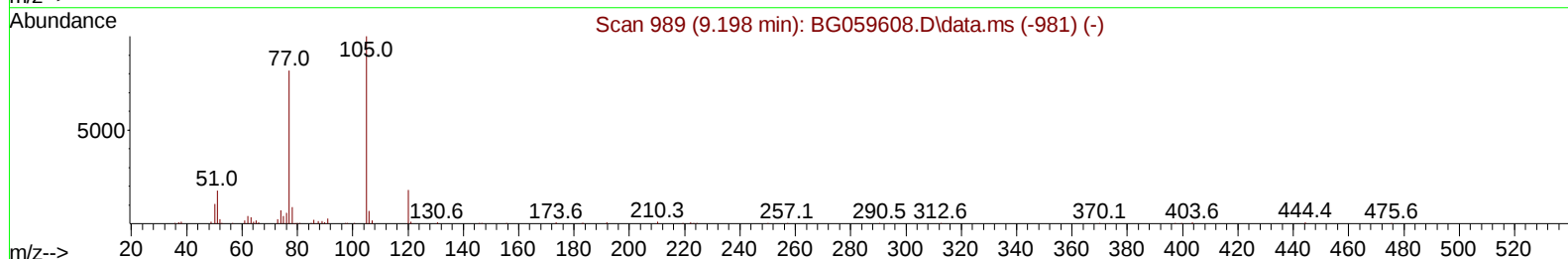
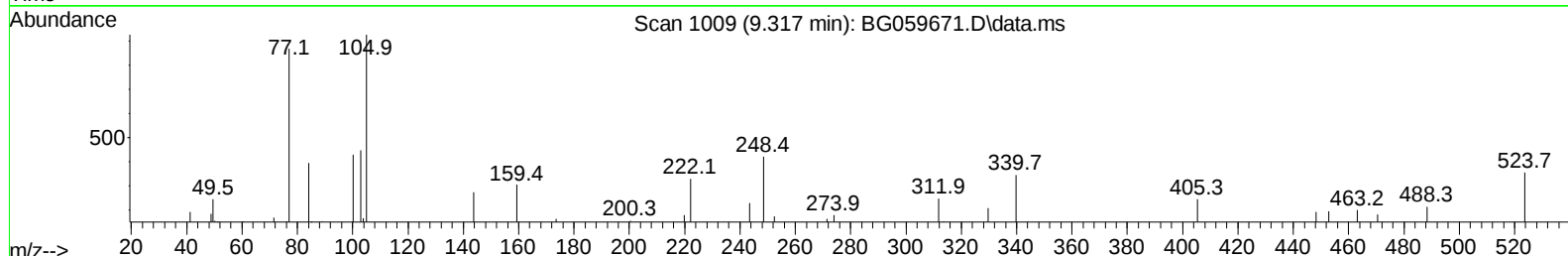
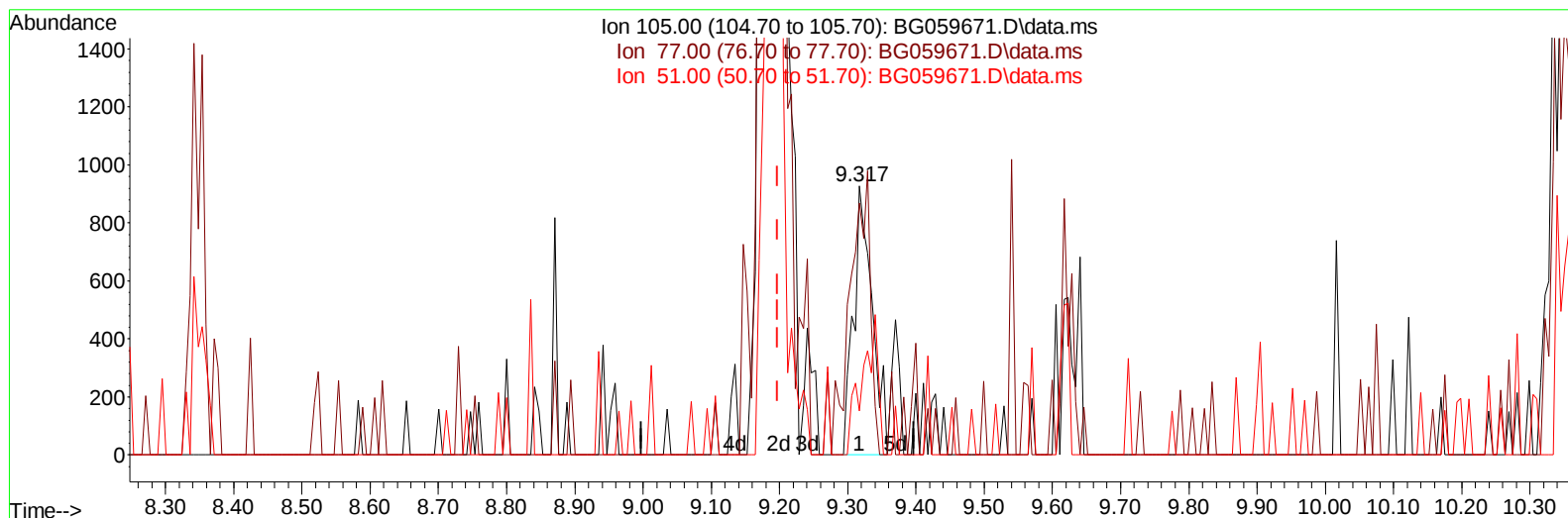
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:45:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

(16) Acetophenone

9.317min (+ 0.119) 0.53 ng/u1

response 1764

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	82.70	93.64
51.00	19.10	16.40
0.00	0.00	0.00

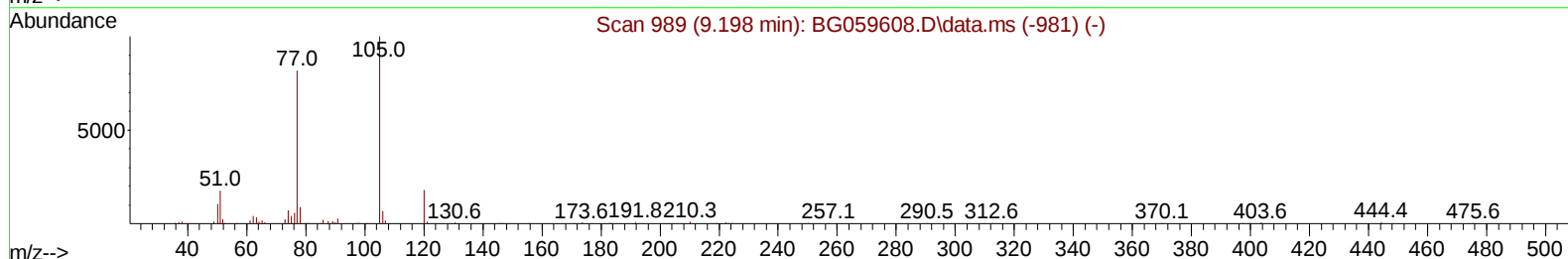
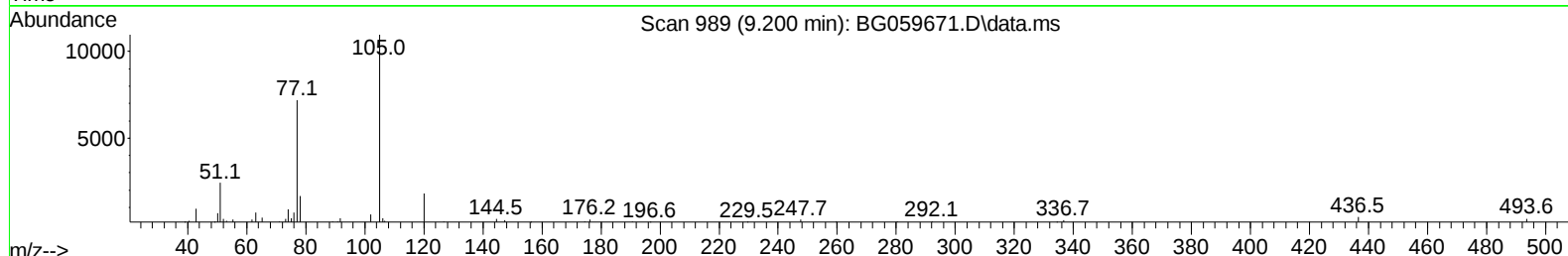
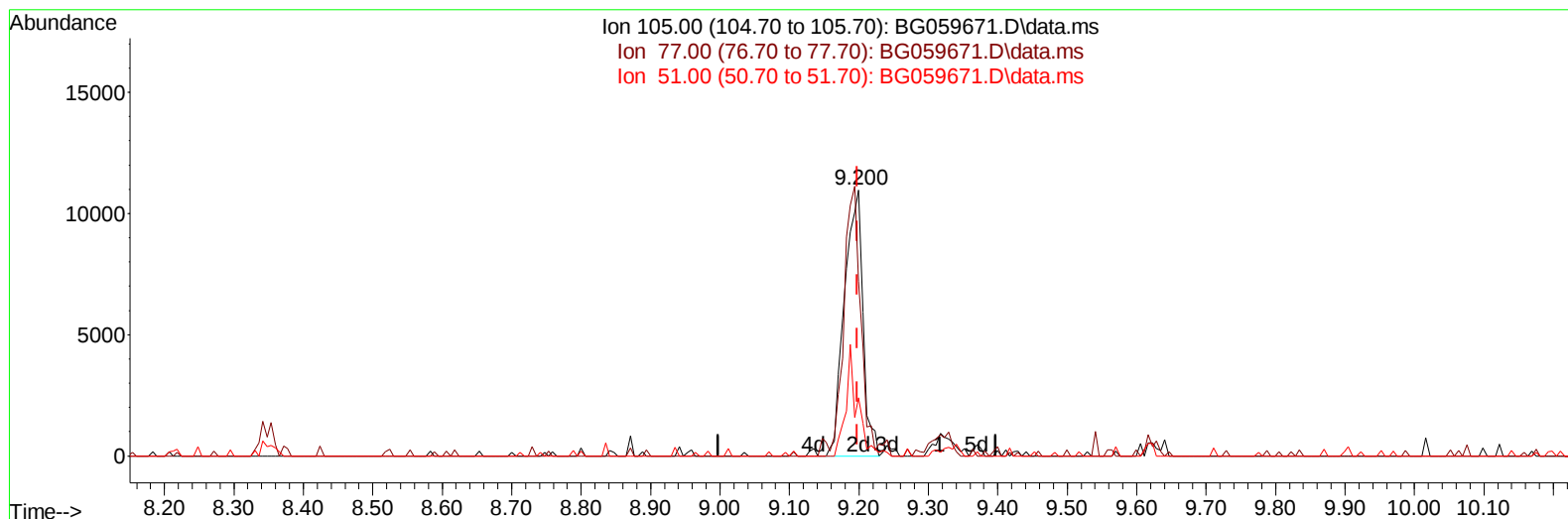
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:45:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

(16) Acetophenone

9.200min (+ 0.002) 6.14 ng/ul m

response 20381

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	82.70	65.51#
51.00	19.10	21.98
0.00	0.00	0.00

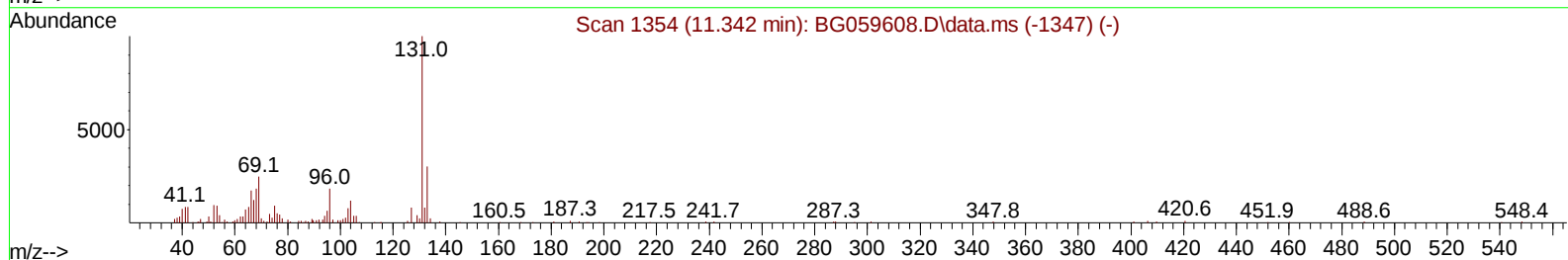
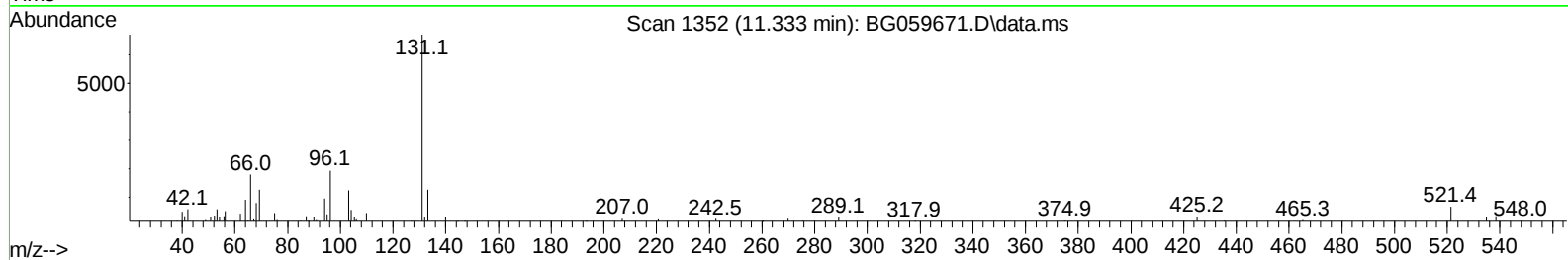
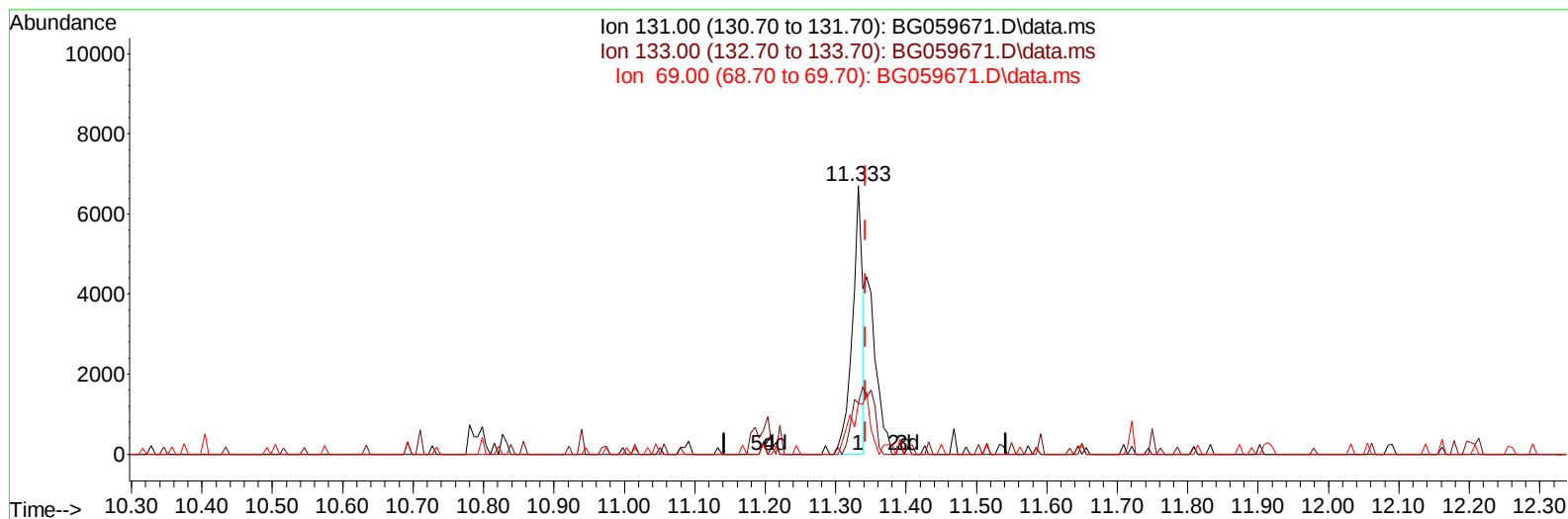
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059671.D
Acq On : 6 Nov 2023 2:31
Operator : MA/JU
Sample : 04948-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.333min (-0.010) 2.35 ng/u1

response 6710

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	30.30	18.96#
69.00	24.90	18.99#
0.00	0.00	0.00

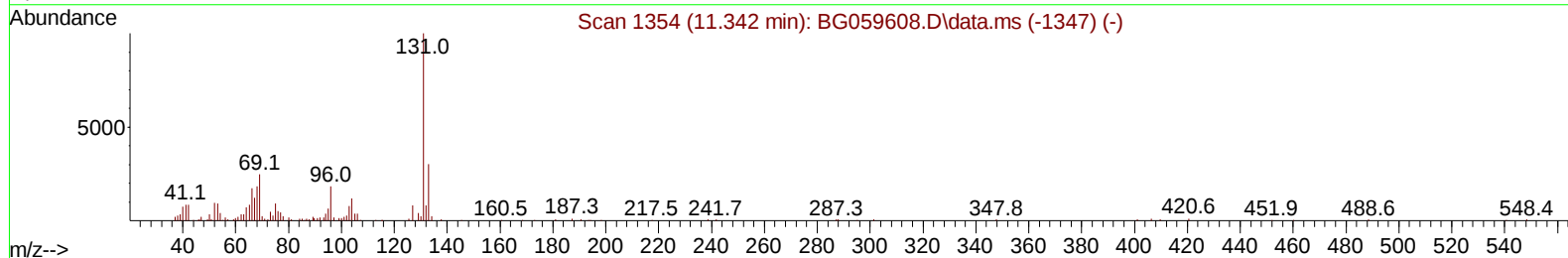
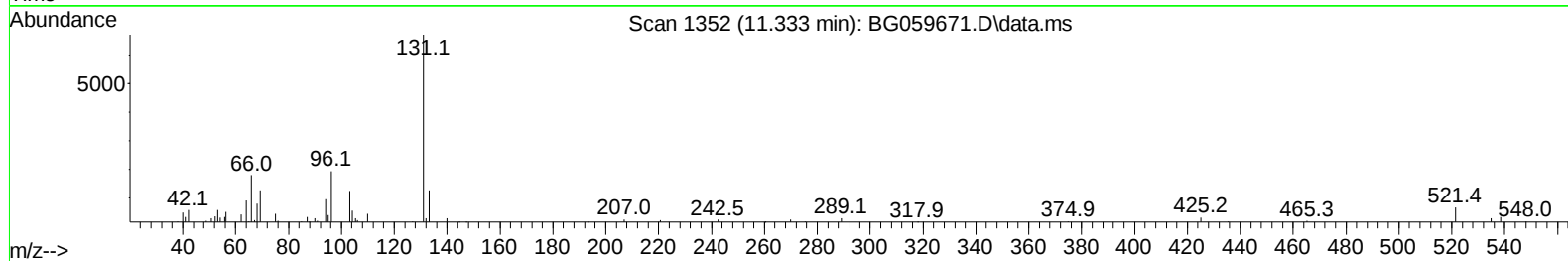
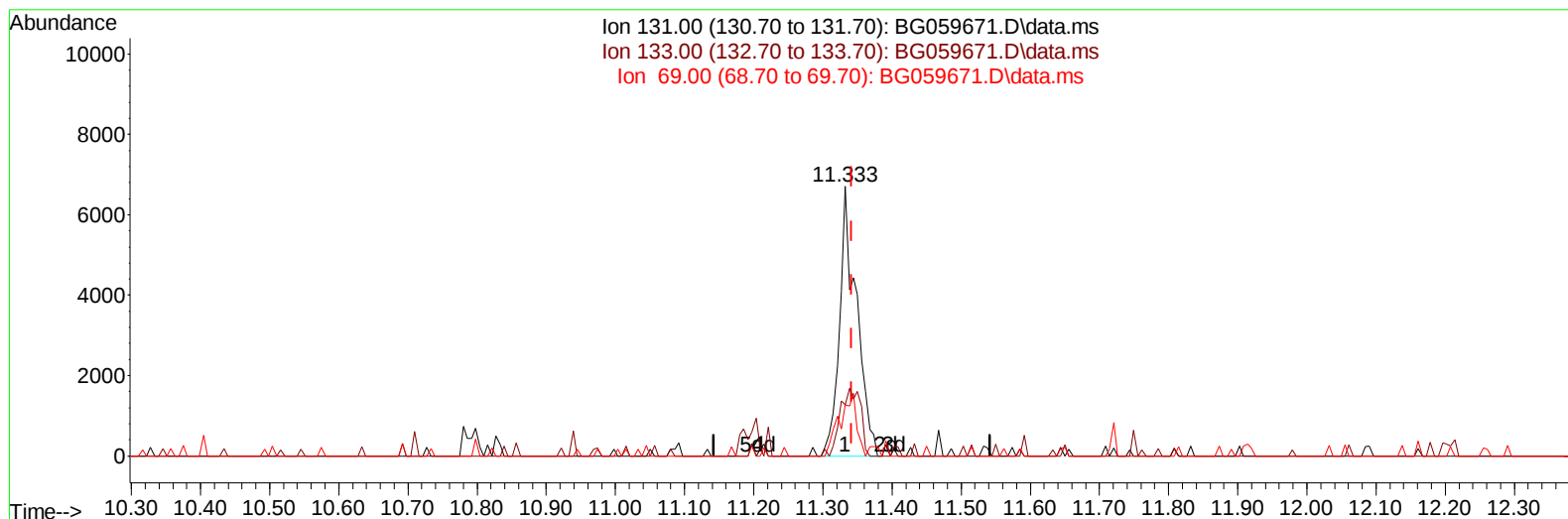
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:45:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.333min (-0.010) 4.04 ng/ul m

response 11510

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	30.30	18.96#
69.00	24.90	18.99#
0.00	0.00	0.00

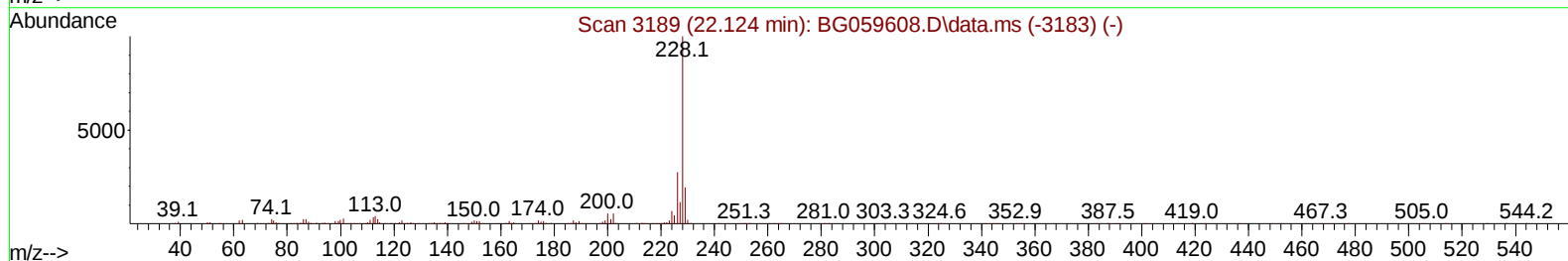
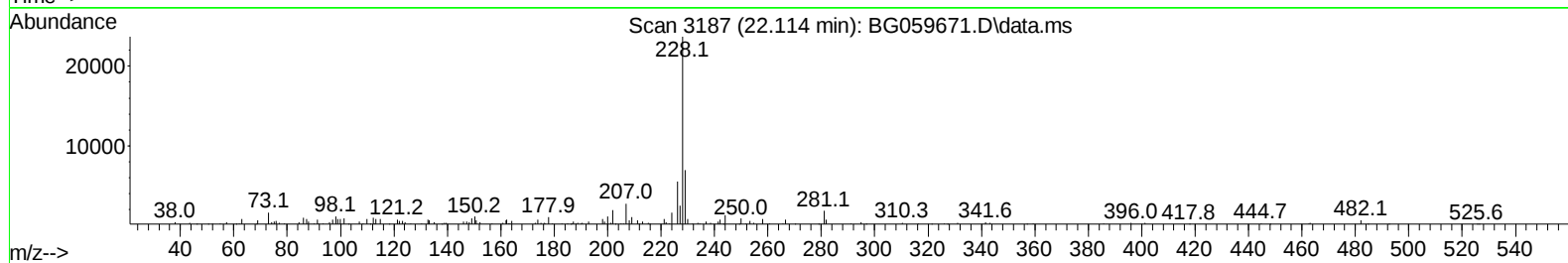
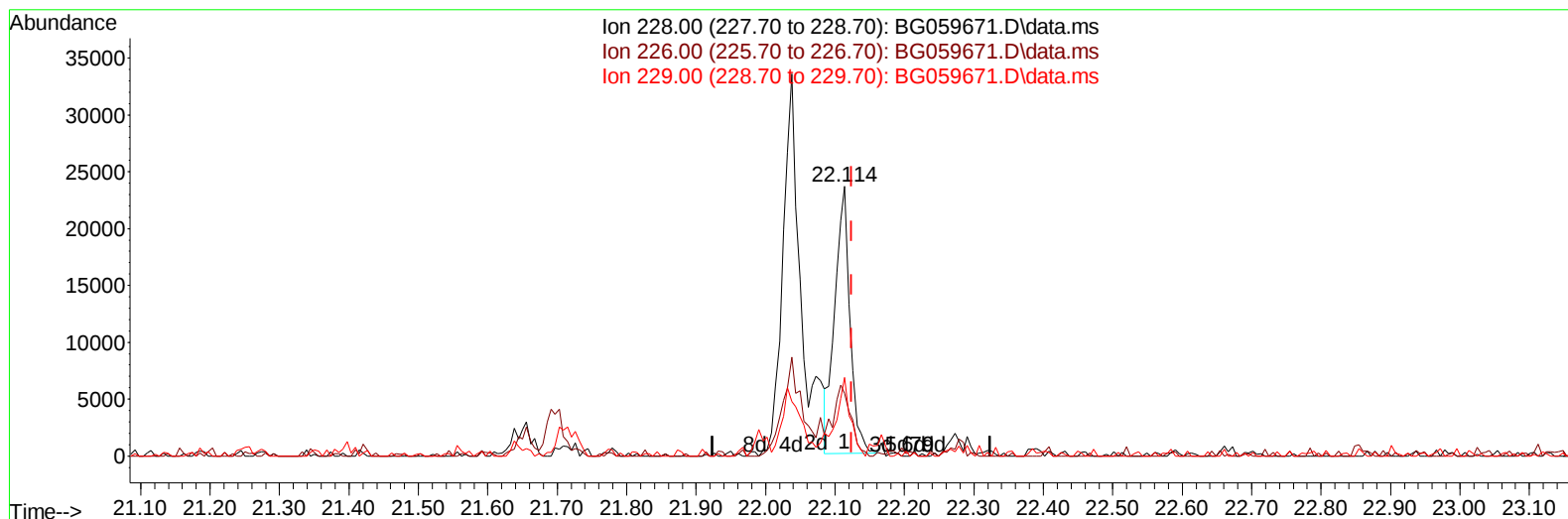
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:53:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

(87) Chrysene

22.114min (-0.010) 2.26 ng/u1

response 35736

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	27.10	23.17
229.00	19.60	29.18#
0.00	0.00	0.00

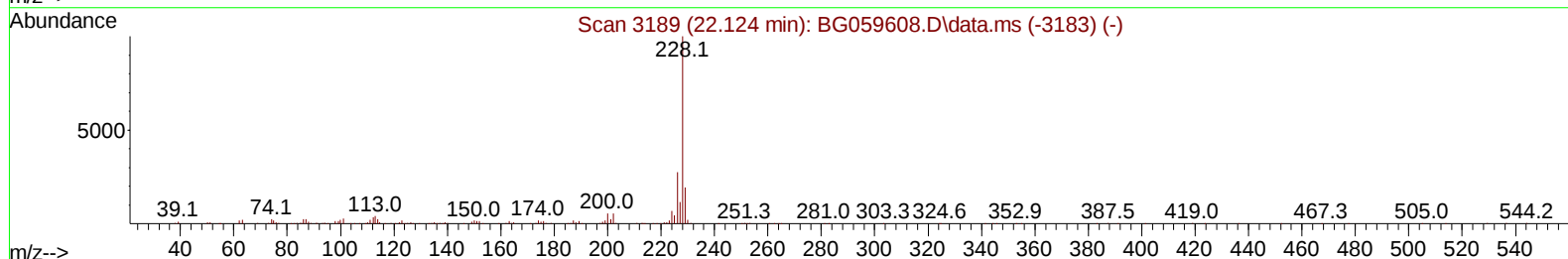
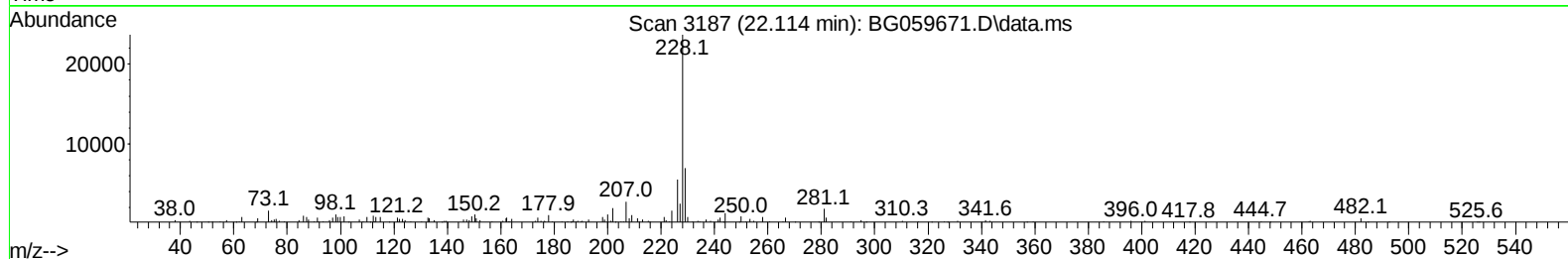
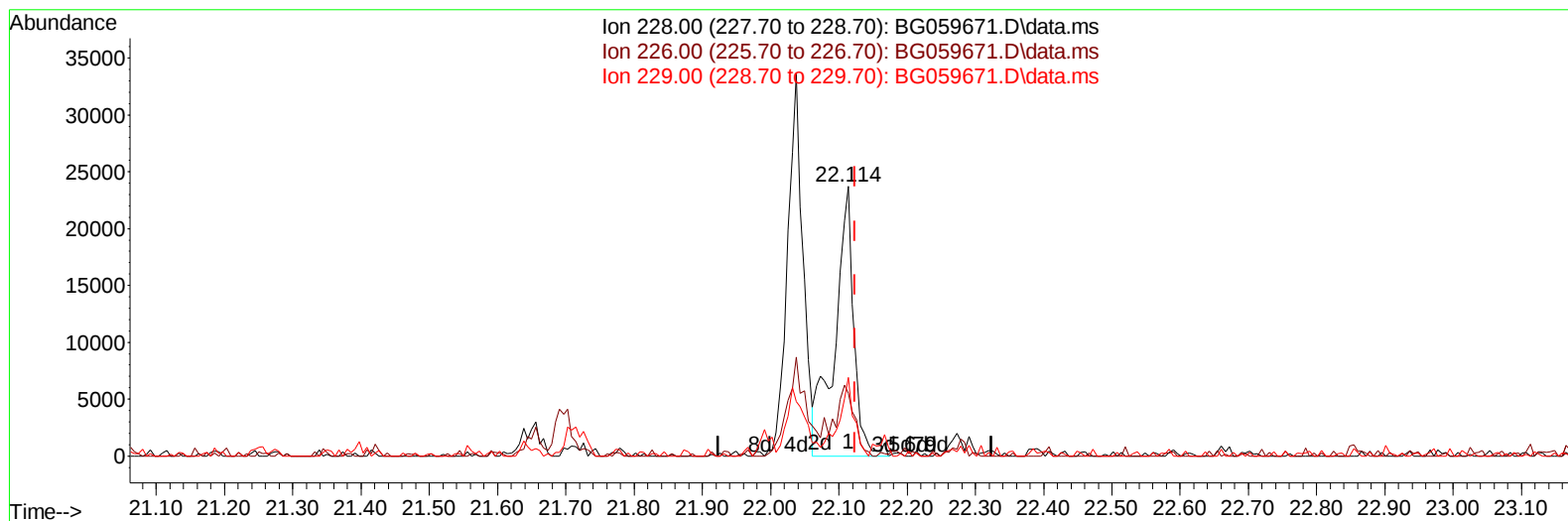
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:53:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

(87) Chrysene

22.114min (-0.010) 2.93 ng/u1 m

response 46292

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	27.10	23.17
229.00	19.60	29.18#
0.00	0.00	0.00

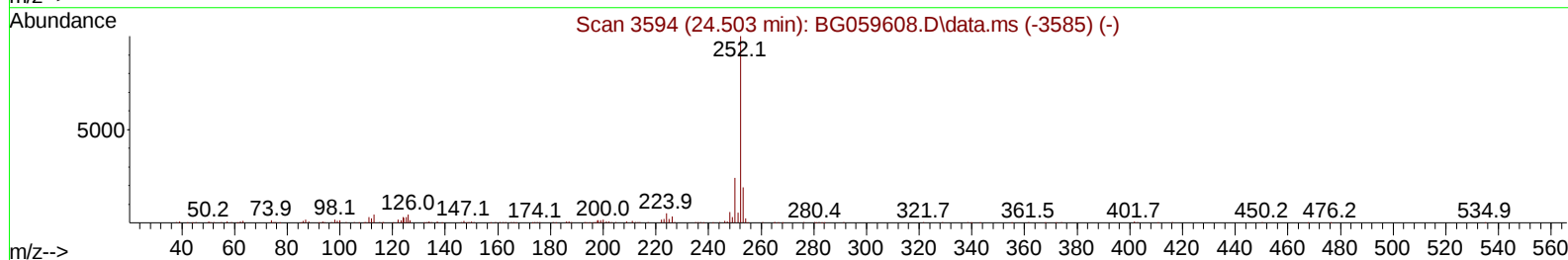
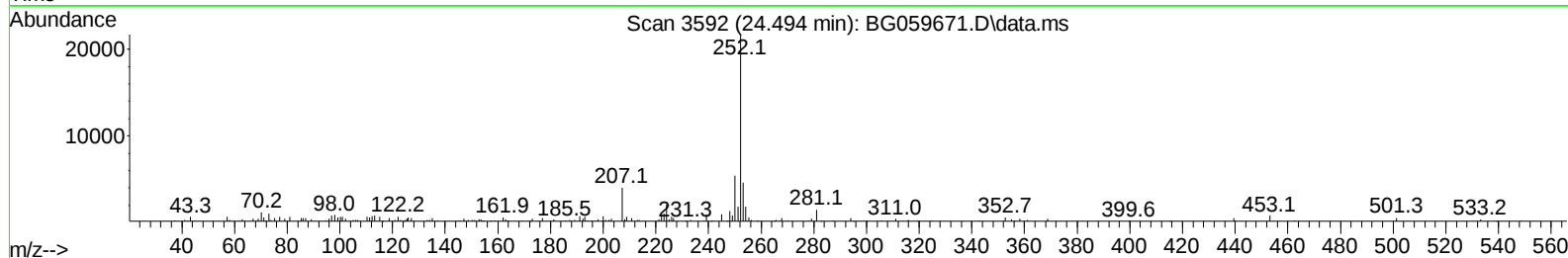
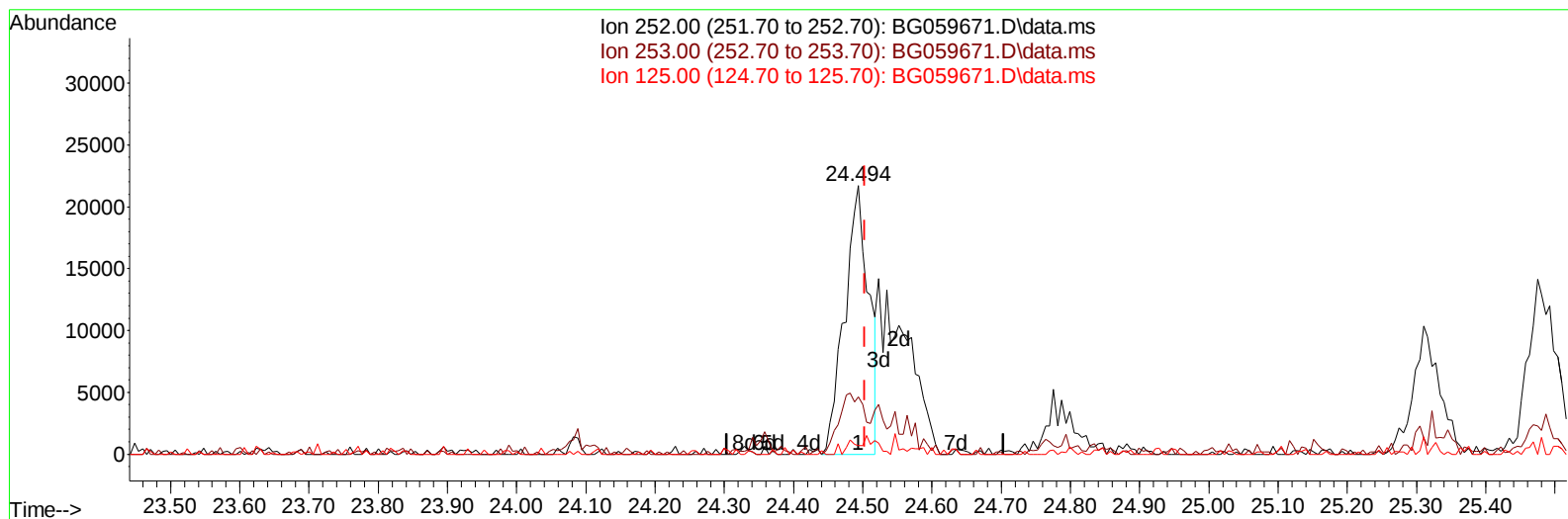
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:53:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

(90) Benzo(b)fluoranthene

24.494min (-0.010) 2.97 ng/u1

response 52325

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	18.90	21.40
125.00	3.00	3.31
0.00	0.00	0.00

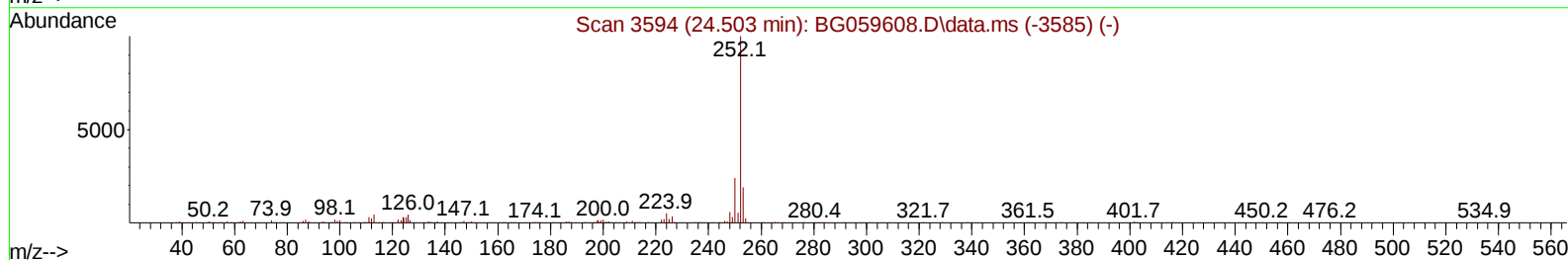
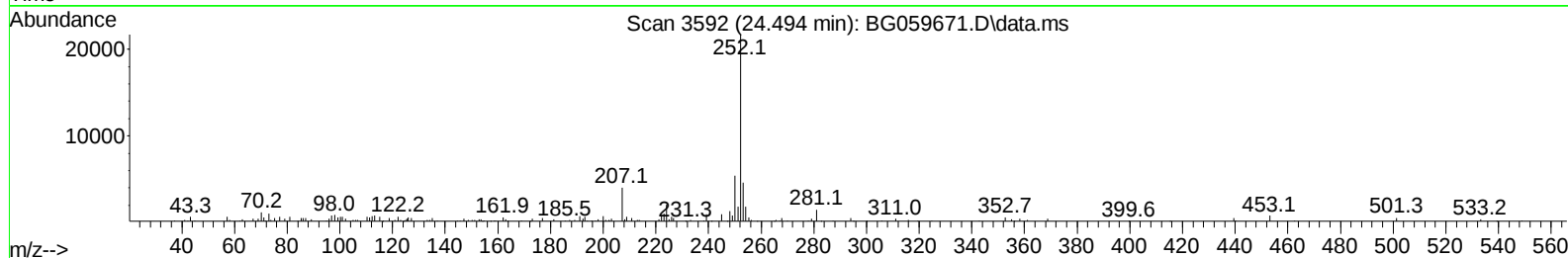
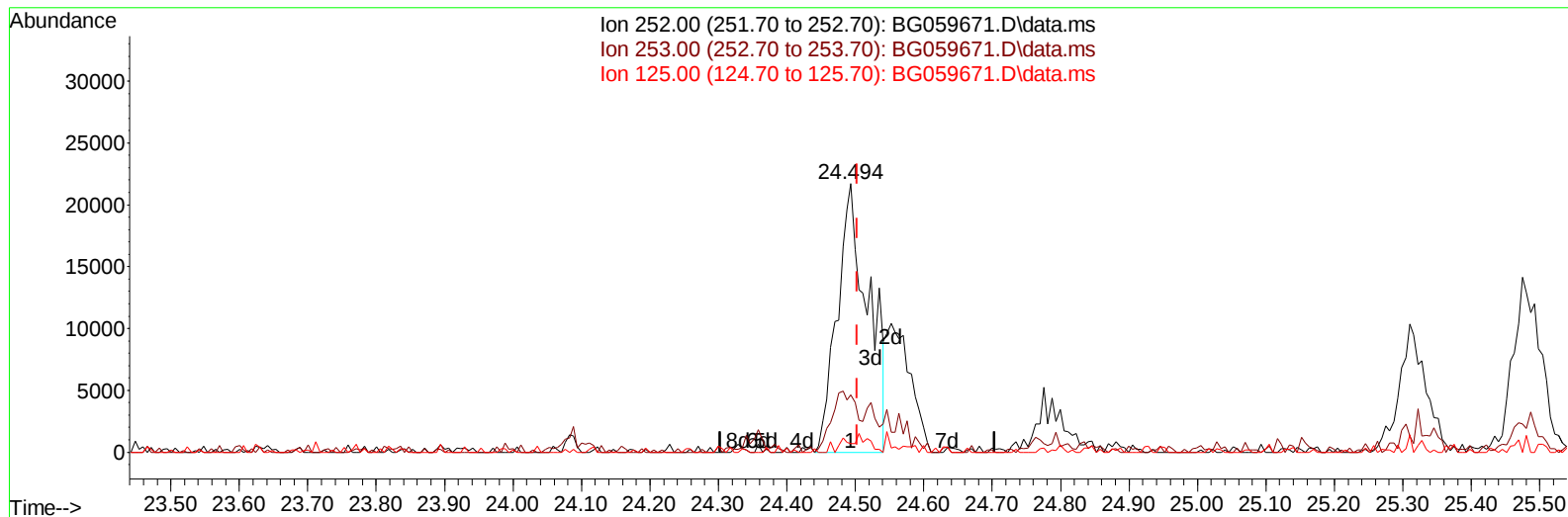
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059671.D
Acq On : 6 Nov 2023 2:31
Operator : MA/JU
Sample : 04948-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:53:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

(90) Benzo(b)fluoranthene

24.494min (-0.010) 3.86 ng/u1 m

response 68051

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	18.90	21.40
125.00	3.00	2.05#
0.00	0.00	0.00

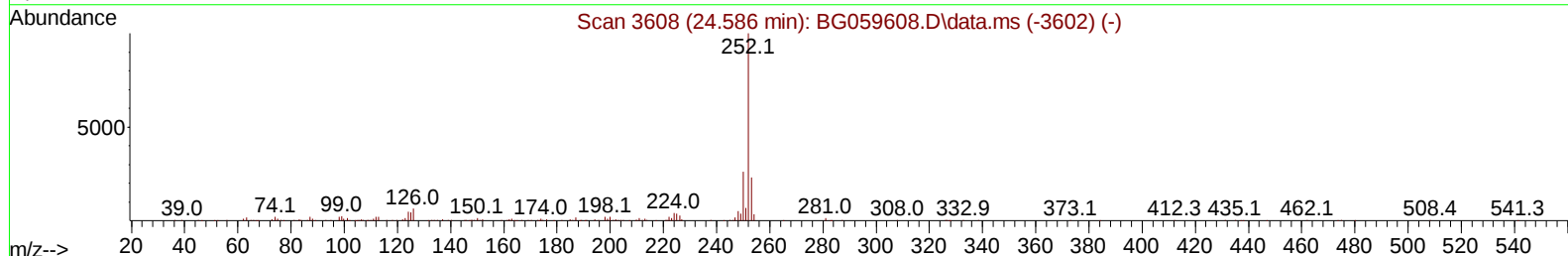
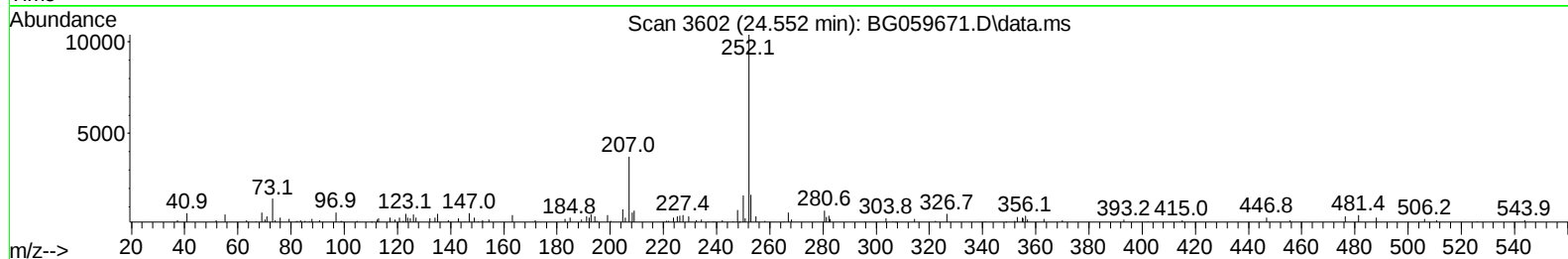
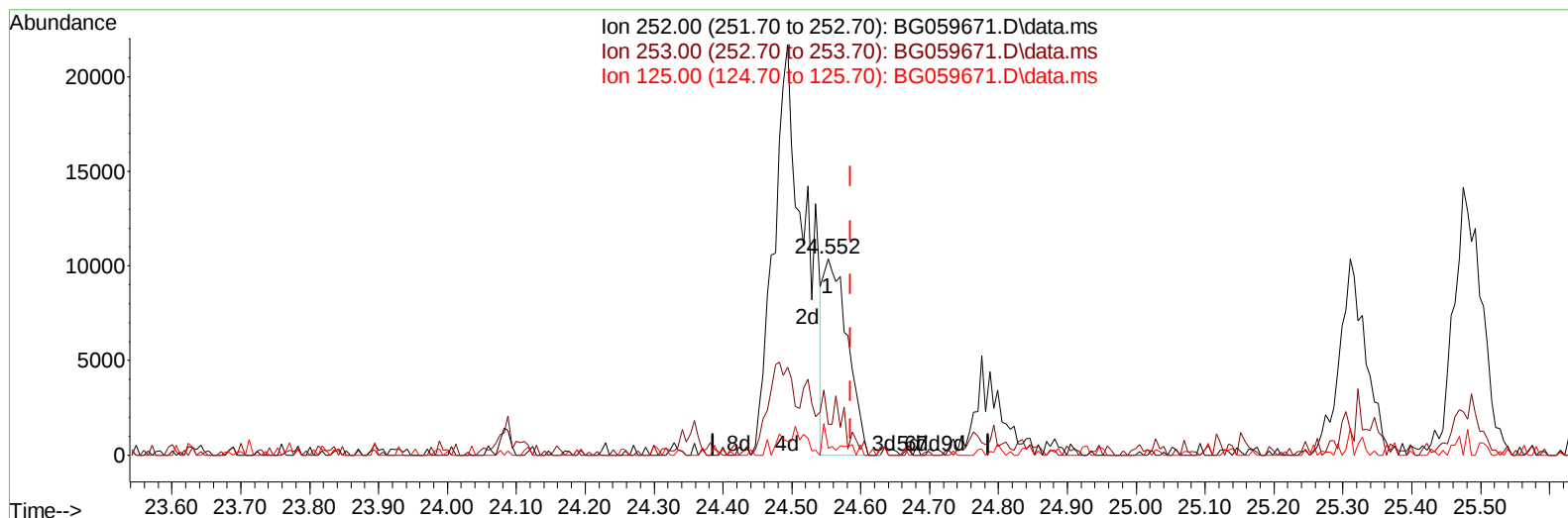
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:54:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

(91) Benzo(k)fluoranthene

24.552min (-0.033) 1.41 ng/ul m

response 25294

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	15.77#
125.00	5.10	3.42#
0.00	0.00	0.00

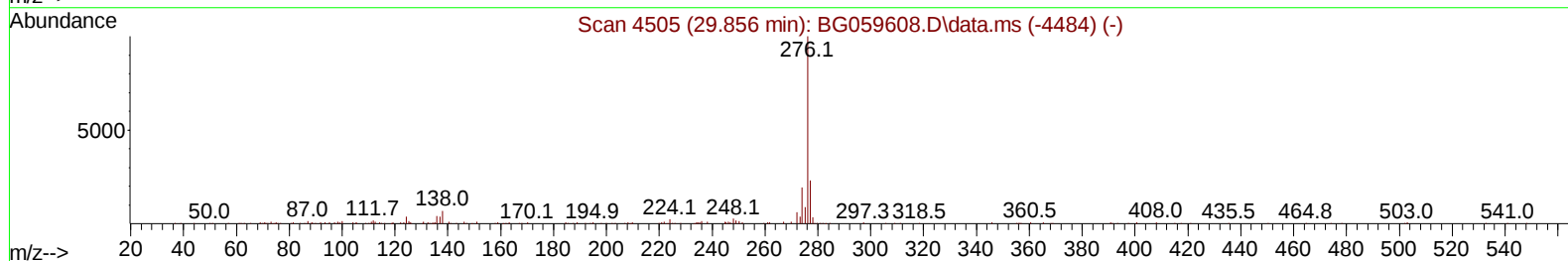
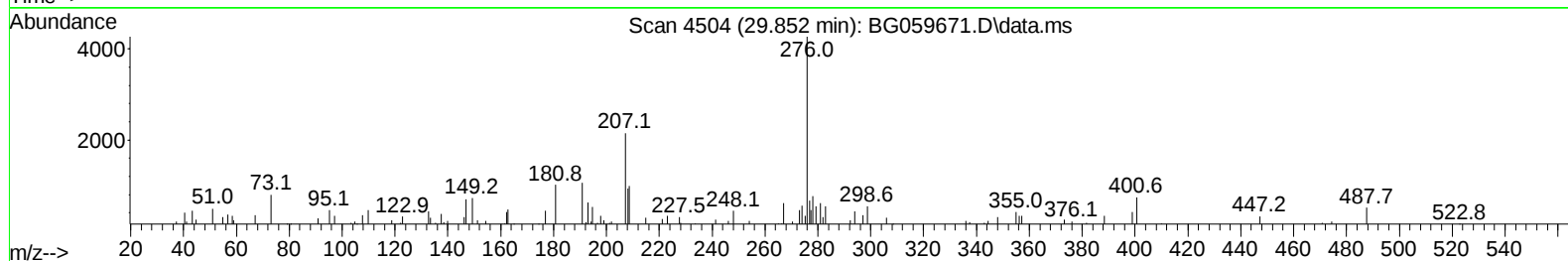
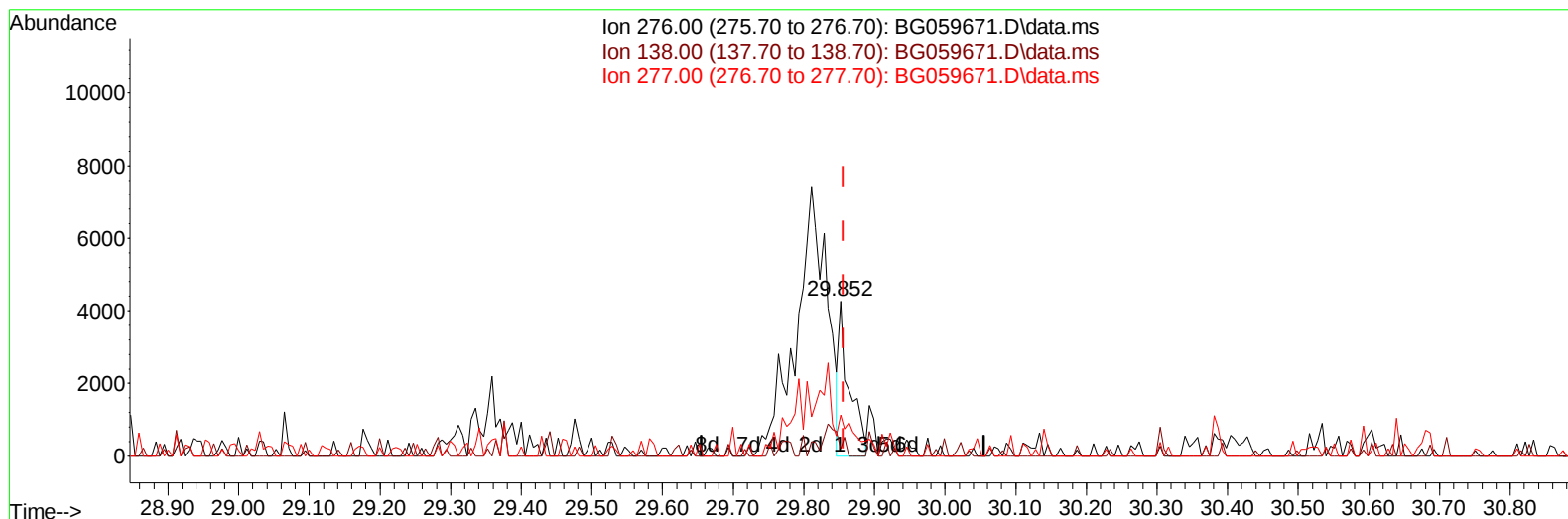
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:55:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

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

29.852min (-0.004) 0.20 ng/u1

response 4446

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.80	4.61#
277.00	23.10	26.49
0.00	0.00	0.00

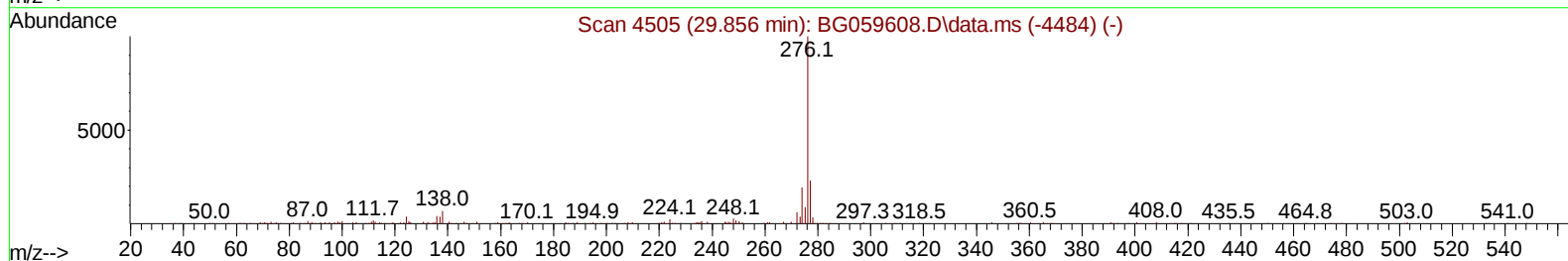
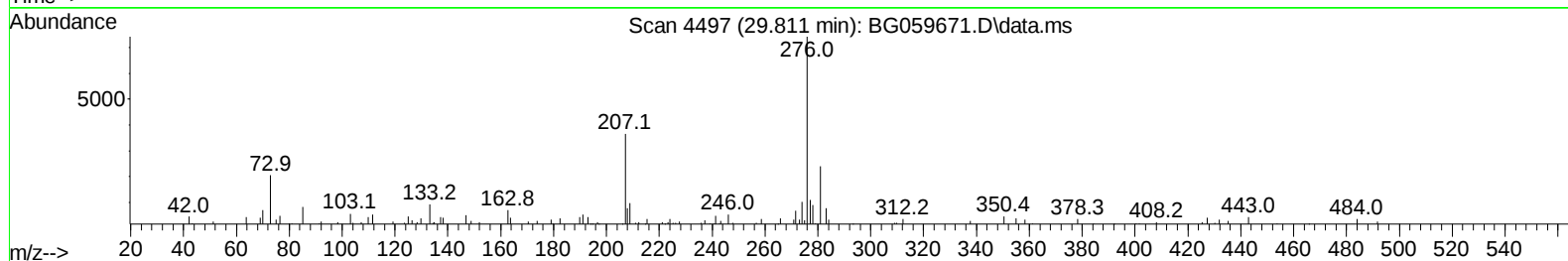
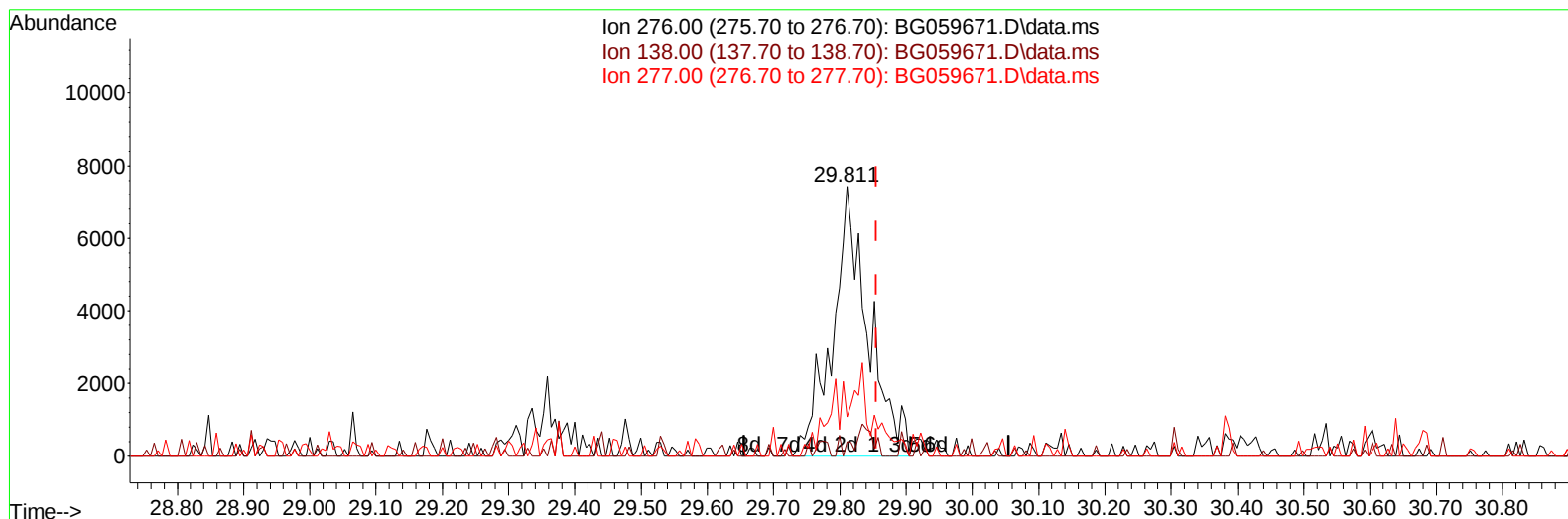
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:55:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

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

29.811min (-0.045) 1.27 ng/ul m

response 27764

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.80	5.32#
277.00	23.10	14.59#
0.00	0.00	0.00

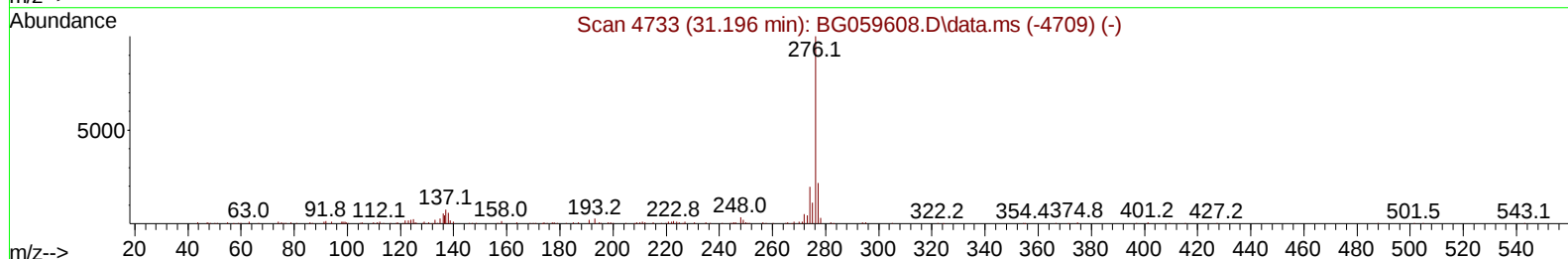
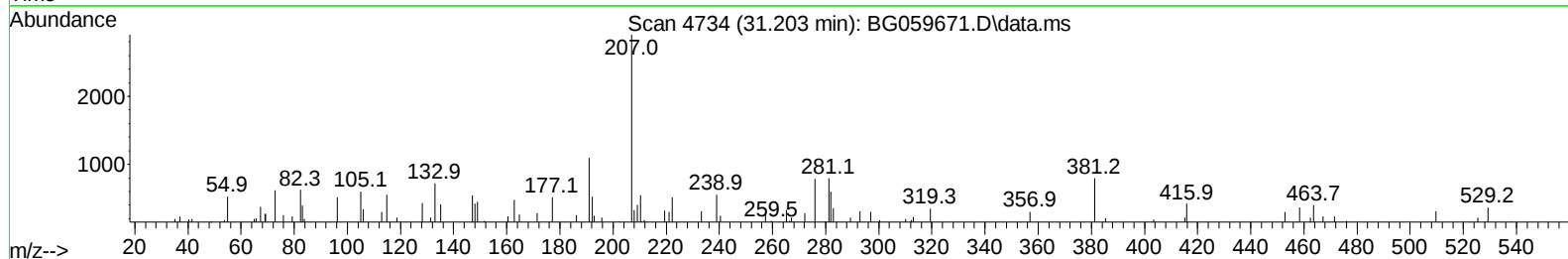
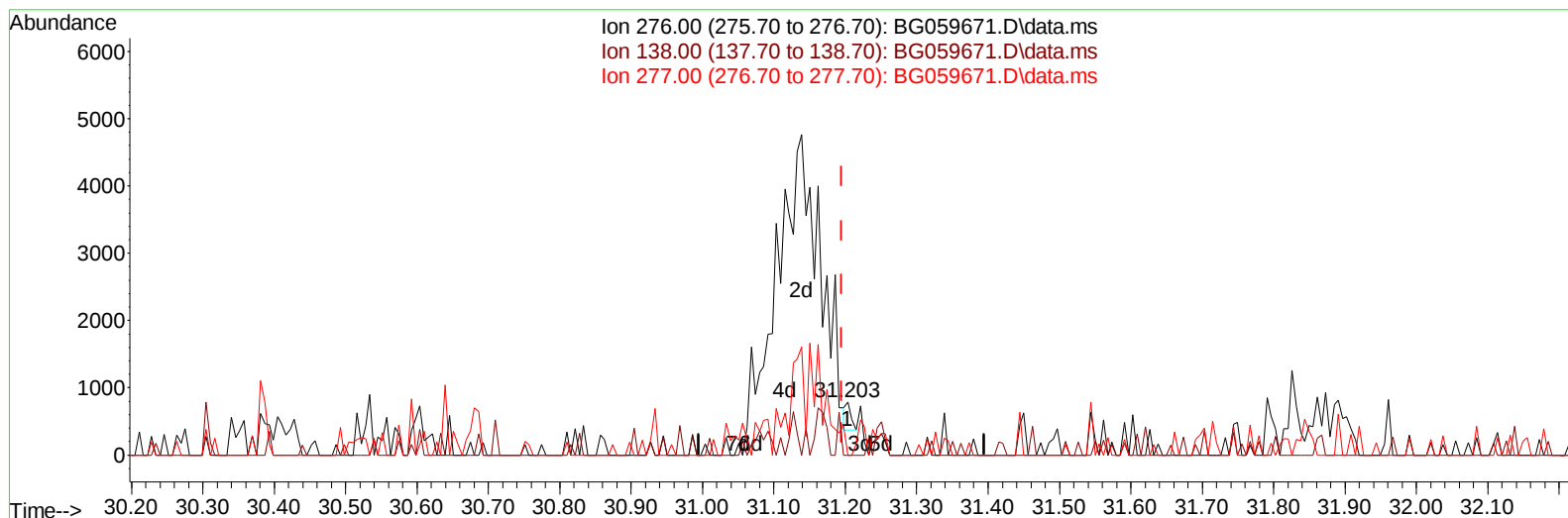
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:56:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

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

31.203min (+ 0.008) 0.01 ng/u1

response 203

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.70	0.00#
277.00	21.90	0.00#
0.00	0.00	0.00

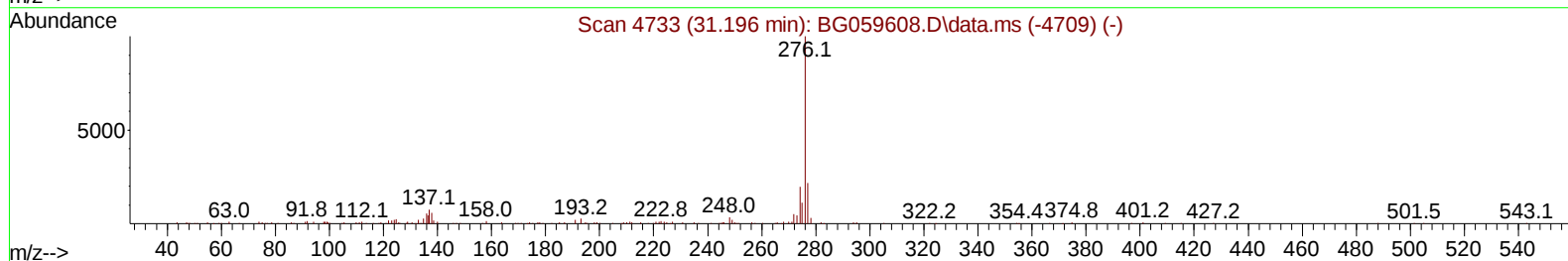
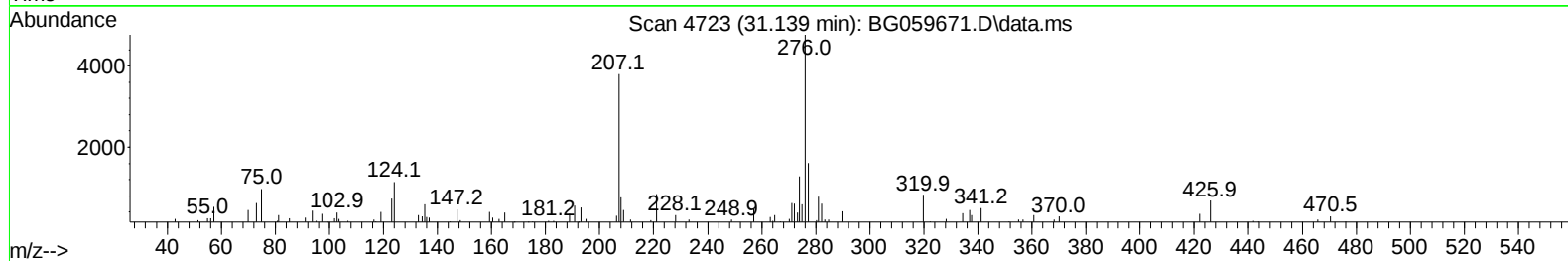
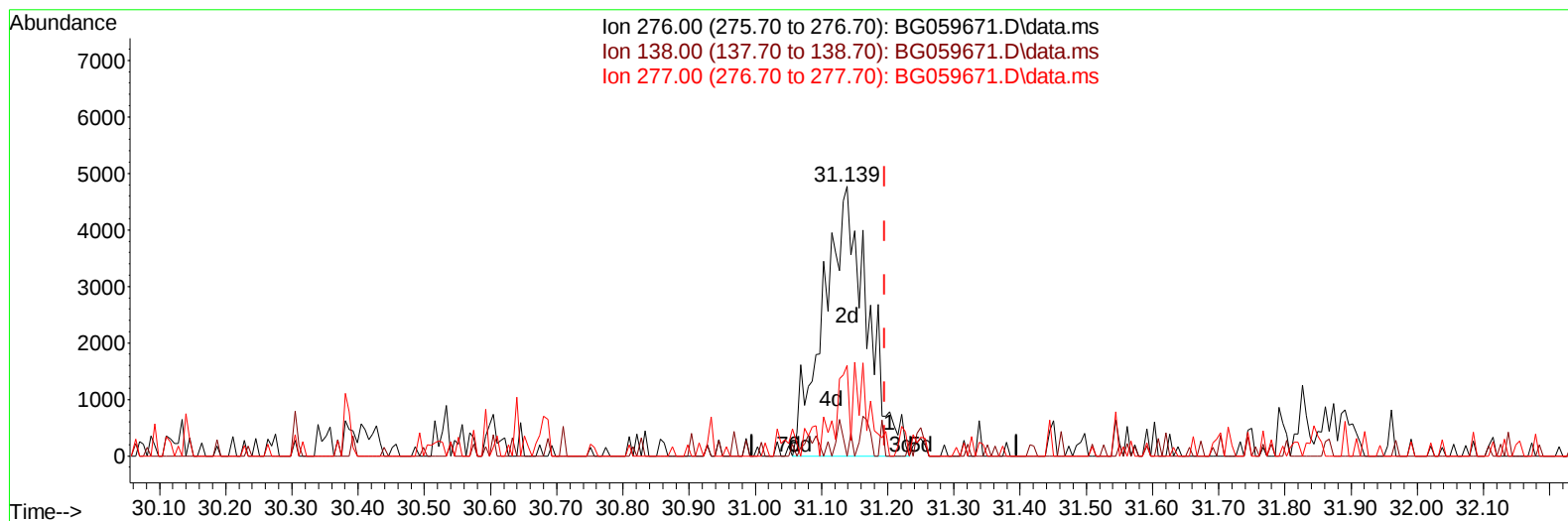
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:56:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059671.D\data.ms

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

31.139min (-0.057) 1.28 ng/ul m

response 21878

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.70	0.00#
277.00	21.90	33.61#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:56:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.348	152	22367	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.197	136	115576	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.975	164	84475	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.731	188	188666	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.061	240	221739	20.000	ng/ul	# 0.00
88) Perylene-d12	25.663	264	258953	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.647	96	1519	2.545	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.461	99	26082	11.405	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.672	67	12745	10.424	ng/ul	0.00
11) 2-Chlorophenol-d4	7.860	132	19085	12.288	ng/ul	0.00
15) 4-Methylphenol-d8	9.029	113	8683	4.639	ng/ul	0.00
21) Nitrobenzene-d5	9.540	128	12465	14.748	ng/ul	0.00
24) 2-Nitrophenol-d4	10.263	143	14029	13.754	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.792	165	22958	12.668	ng/ul	0.00
31) 4-Chloroaniline-d4	11.333	131	11510m	4.036	ng/ul	0.00
46) Dimethylphthalate-d6	14.370	166	103237	15.228	ng/ul	0.00
49) Acenaphthylene-d8	14.682	160	108599	13.433	ng/ul	0.00
54) 4-Nitrophenol-d4	15.146	143	14145	11.817	ng/ul	0.00
60) Fluorene-d10	15.962	176	90280	14.145	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.062	200	17833	14.934	ng/ul	0.00
73) Anthracene-d10	17.825	188	135162	13.688	ng/ul	0.00
81) Pyrene-d10	20.099	212	216744	15.275	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.398	264	222862	14.702	ng/ul	-0.02
Target Compounds						
					Qvalue	
8) Phenol	7.490	94	3531	1.551	ng/ul#	61
16) Acetophenone	9.200	105	20381m	6.138	ng/ul	
80) Fluoranthene	19.764	202	96364	5.538	ng/ul#	92
82) Pyrene	20.128	202	82379	4.705	ng/ul#	96
85) Benzo(a)anthracene	22.038	228	52740	3.034	ng/ul#	92
87) Chrysene	22.114	228	46292m	2.933	ng/ul	
90) Benzo(b)fluoranthene	24.494	252	68051m	3.859	ng/ul	
91) Benzo(k)fluoranthene	24.552	252	25294m	1.406	ng/ul	
93) Benzo(a)pyrene	25.475	252	38986	2.287	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.811	276	27764m	1.273	ng/ul	
96) Benzo(g,h,i)perylene	31.139	276	21878m	1.278	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059671.D
 Acq On : 6 Nov 2023 2:31
 Operator : MA/JU
 Sample : 04948-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual IntegrationsAPPROVED

Quant Time: Nov 06 02:56:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

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