

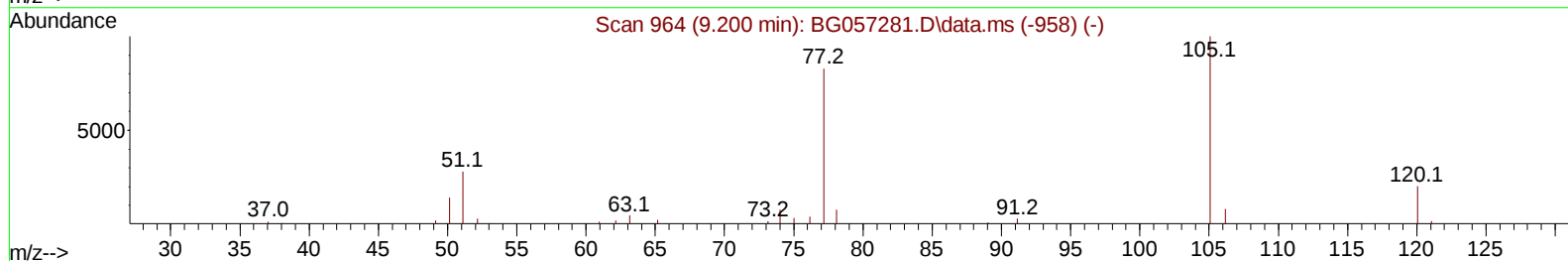
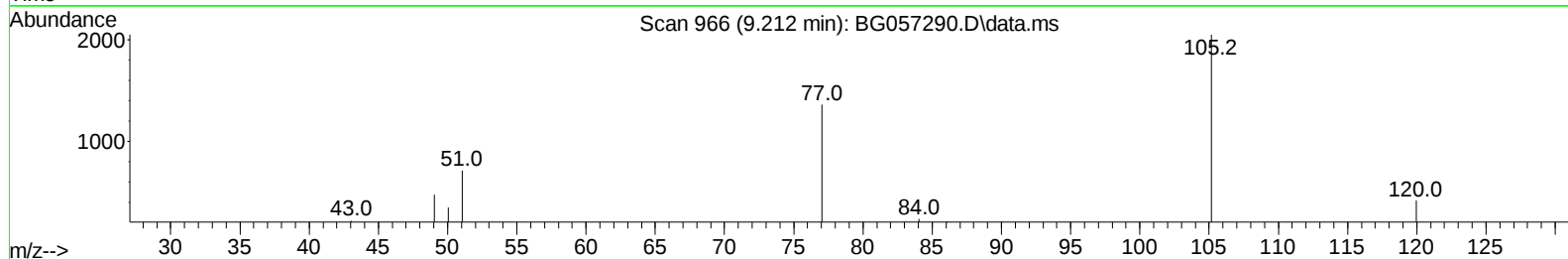
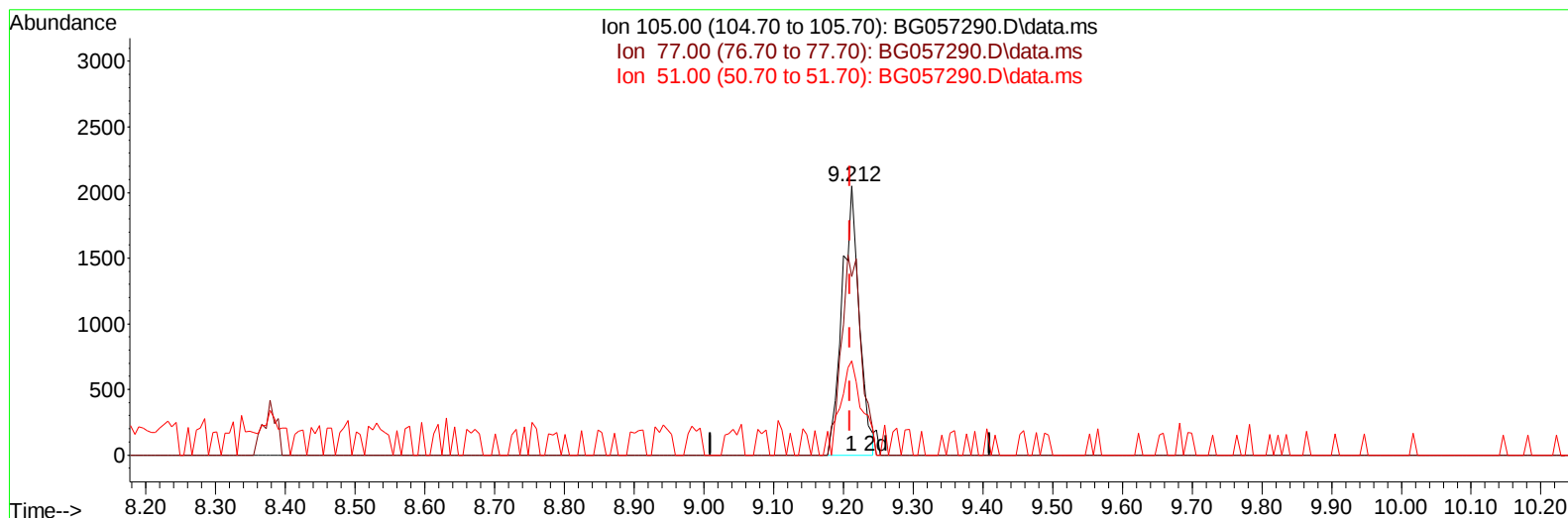
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057290.D
 Acq On : 3 May 2023 17:16
 Operator : CG/JU
 Sample : 02419-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW922

Manual IntegrationsAPPROVED

Quant Time: May 04 01:16:59 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: BG057290.D\data.ms

(16) Acetophenone

9.212min (+ 0.003) 2.08 ng/u1

response 3478

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	88.20	66.42#
51.00	30.60	34.94
0.00	0.00	0.00

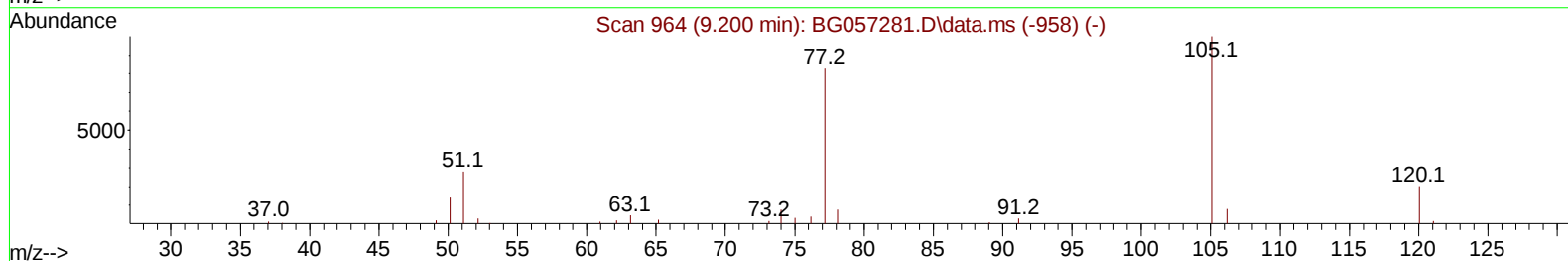
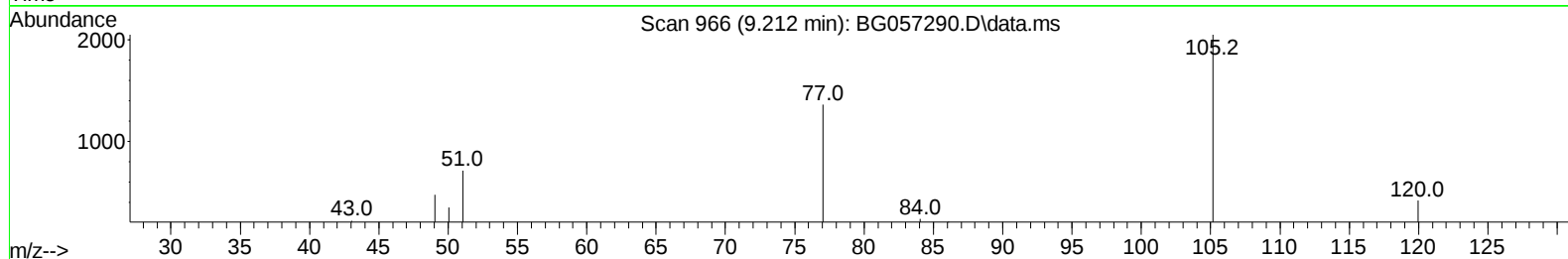
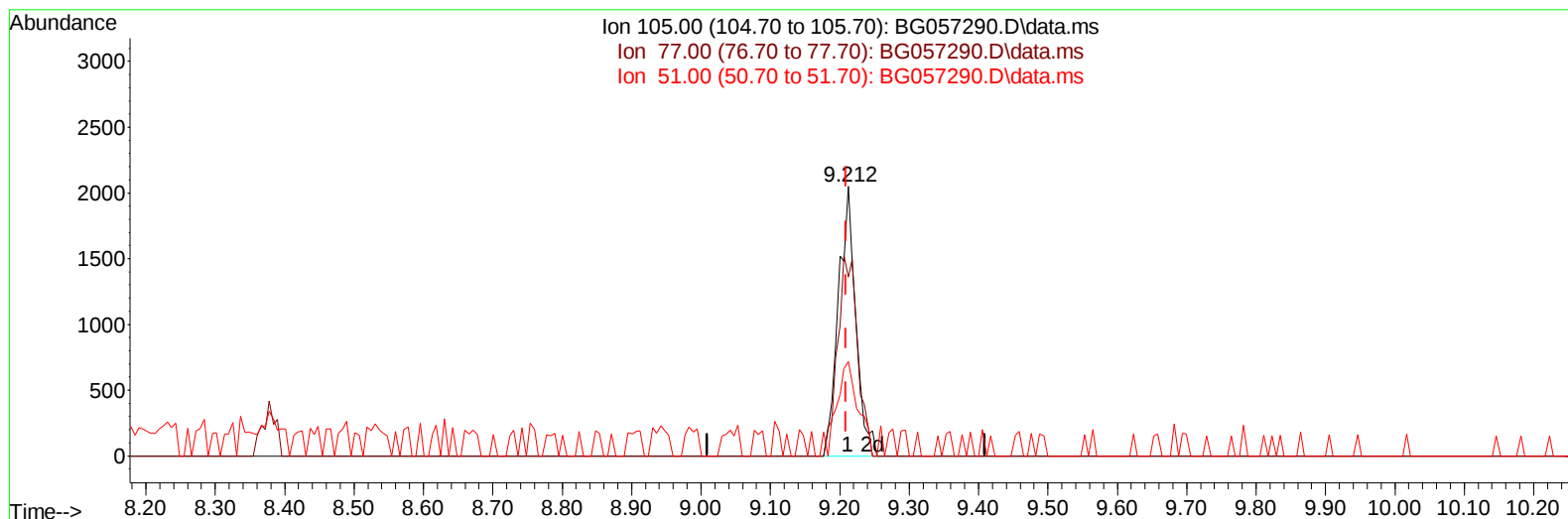
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
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 Acq On : 3 May 2023 17:16
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: May 04 01:16:59 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
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Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BG057290.D\data.ms

(16) Acetophenone

9.212min (+ 0.003) 2.12 ng/u1 m

response 3545

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	88.20	66.42#
51.00	30.60	34.94
0.00	0.00	0.00

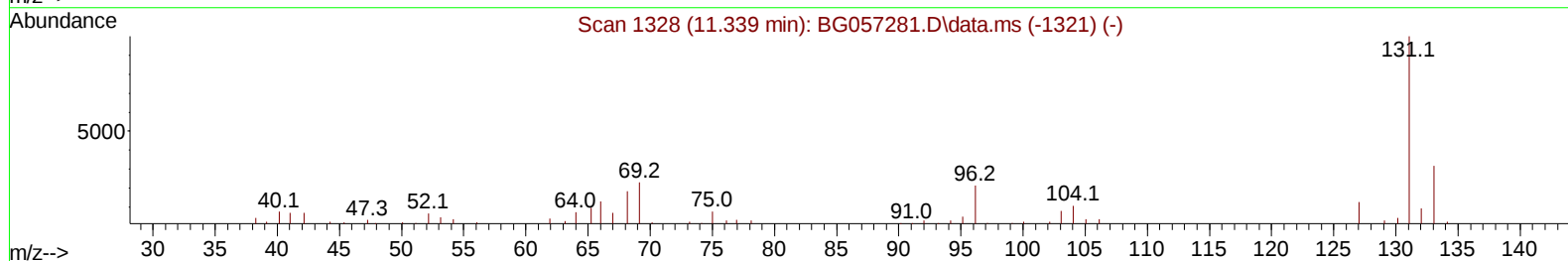
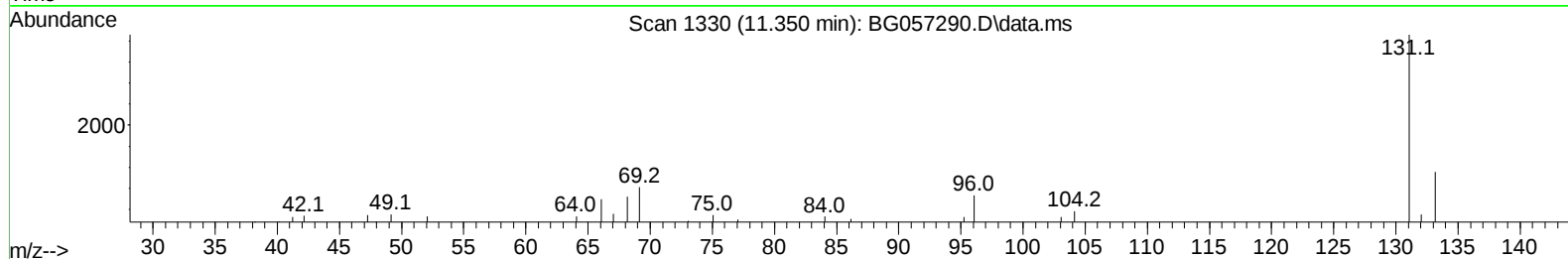
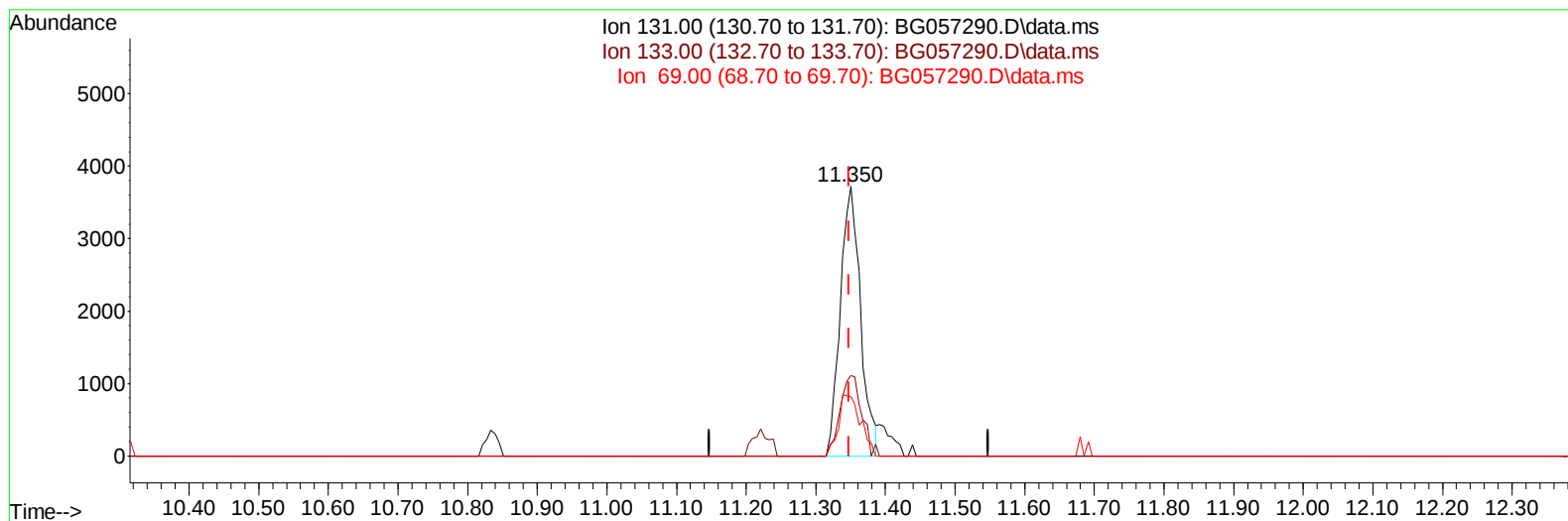
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057290.D
 Acq On : 3 May 2023 17:16
 Operator : CG/JU
 Sample : 02419-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW922

Manual IntegrationsAPPROVED

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

Quant Time: May 04 03:07:11 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: BG057290.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.350min (+ 0.003) 5.41 ng/ul

response 7544

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.10	29.78
69.00	21.70	22.02
0.00	0.00	0.00

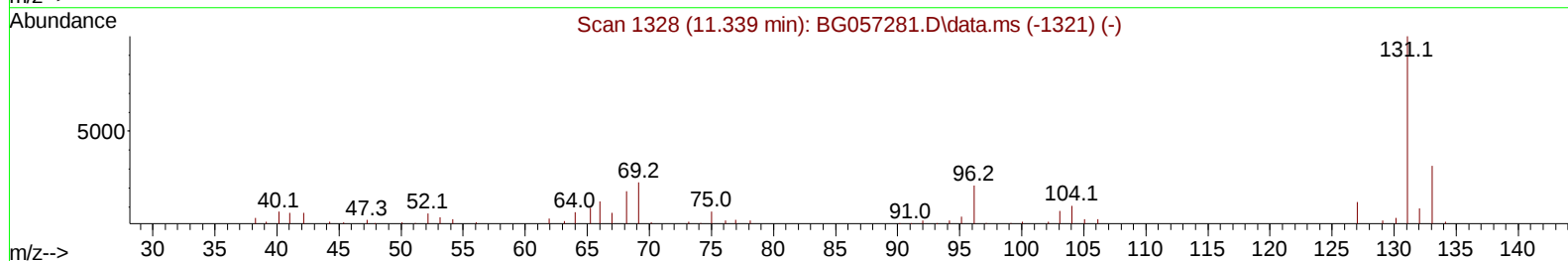
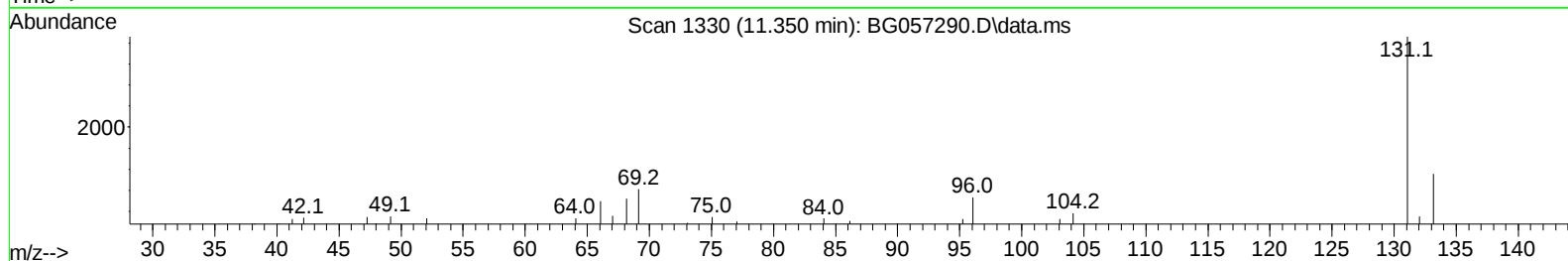
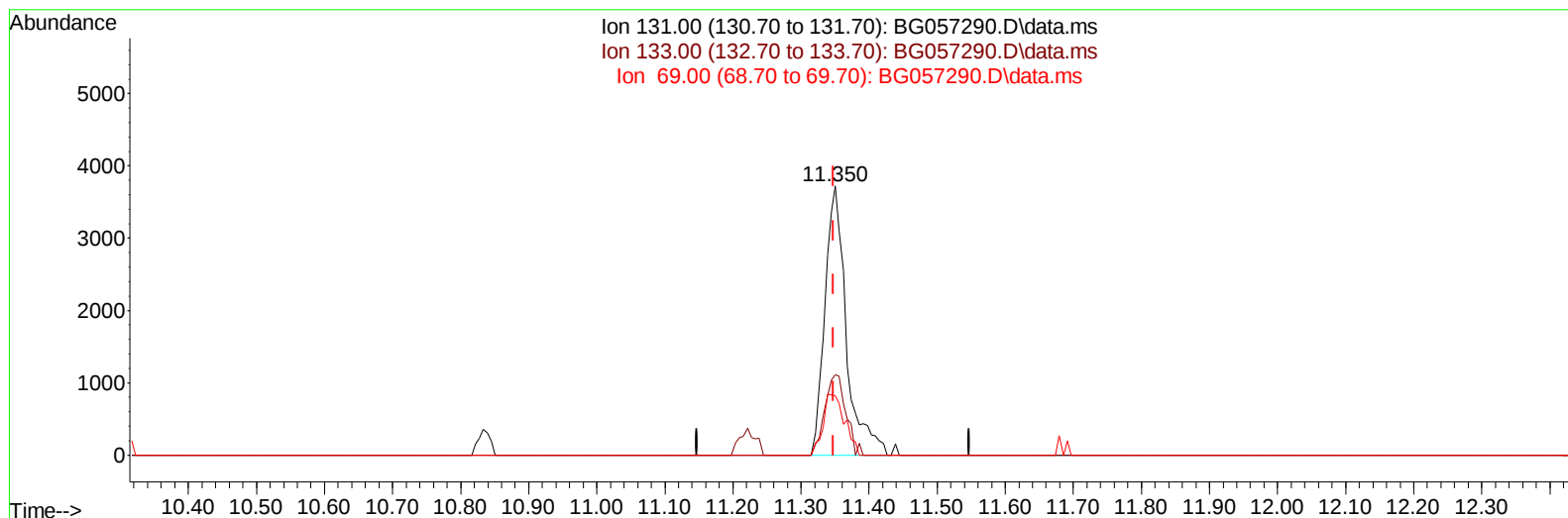
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057290.D
Acq On : 3 May 2023 17:16
Operator : CG/JU
Sample : 02419-25
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW922

Manual IntegrationsAPPROVED

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

Quant Time: May 04 03:07:11 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: BG057290.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.350min (+ 0.003) 5.85 ng/ul m

response 8163

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.10	29.78
69.00	21.70	22.02
0.00	0.00	0.00

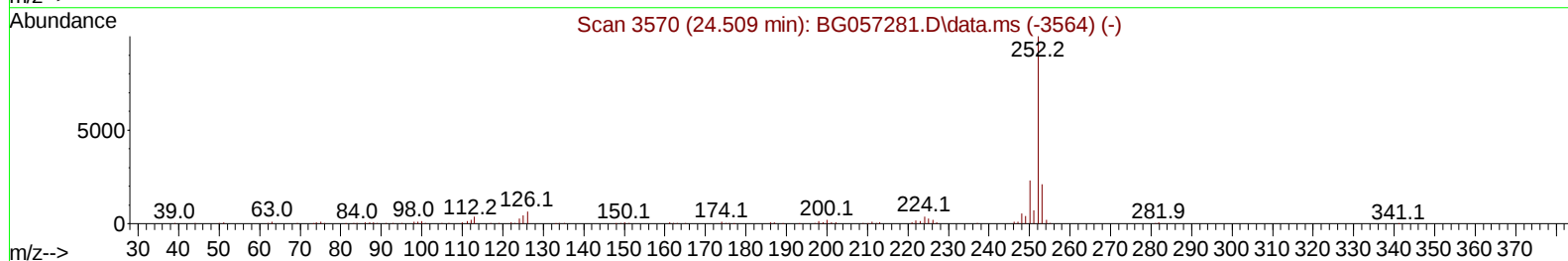
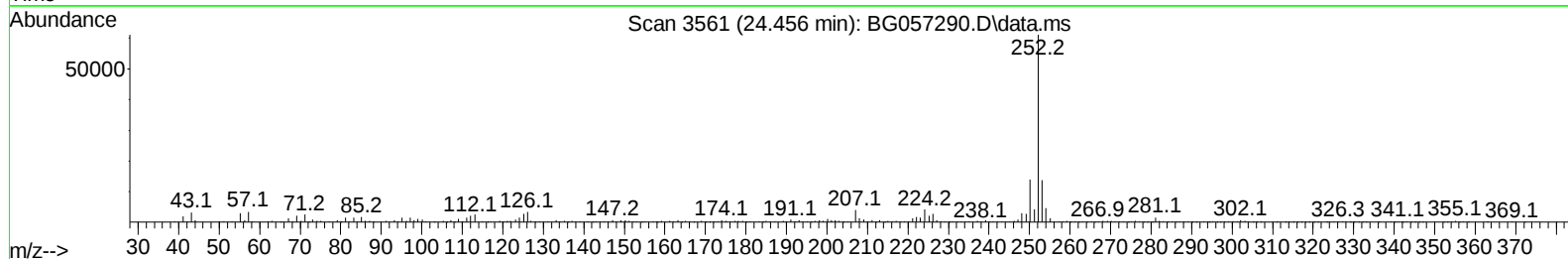
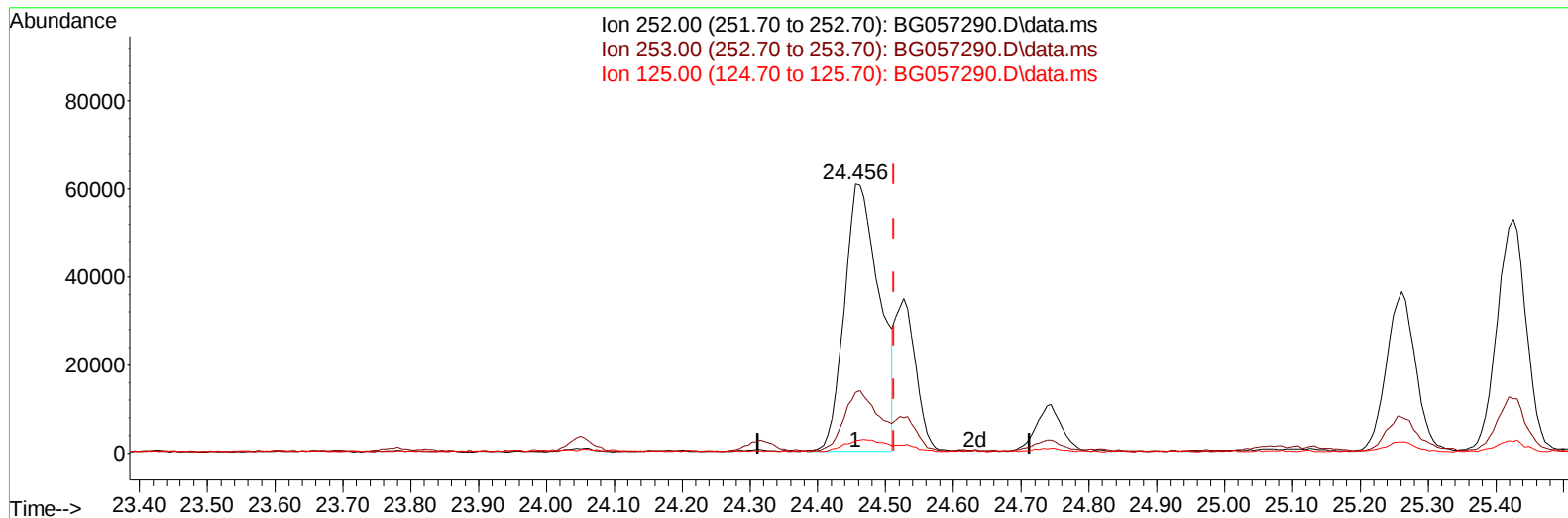
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057290.D
Acq On : 3 May 2023 17:16
Operator : CG/JU
Sample : 02419-25
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW922

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
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Quant Time: May 04 03:07:11 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



TIC: BG057290.D\data.ms

(91) Benzo(k)fluoranthene

24.456min (-0.056) 33.65 ng/u1

response 217545

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.58
125.00	5.60	4.73
0.00	0.00	0.00

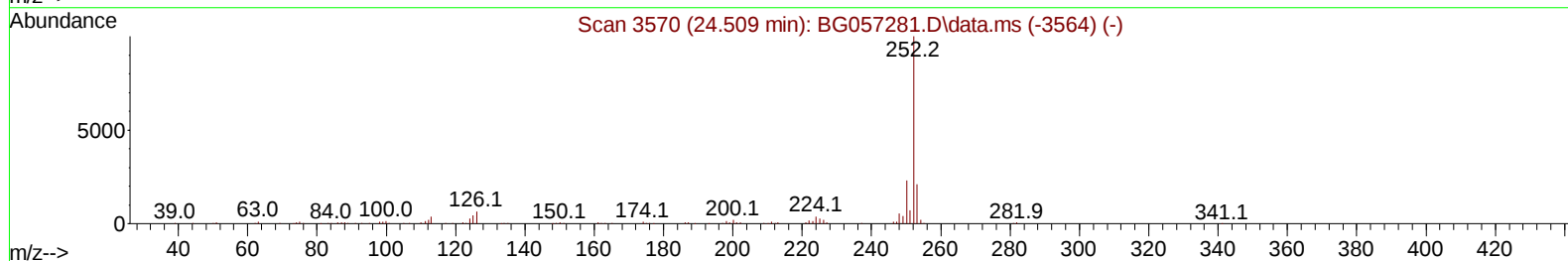
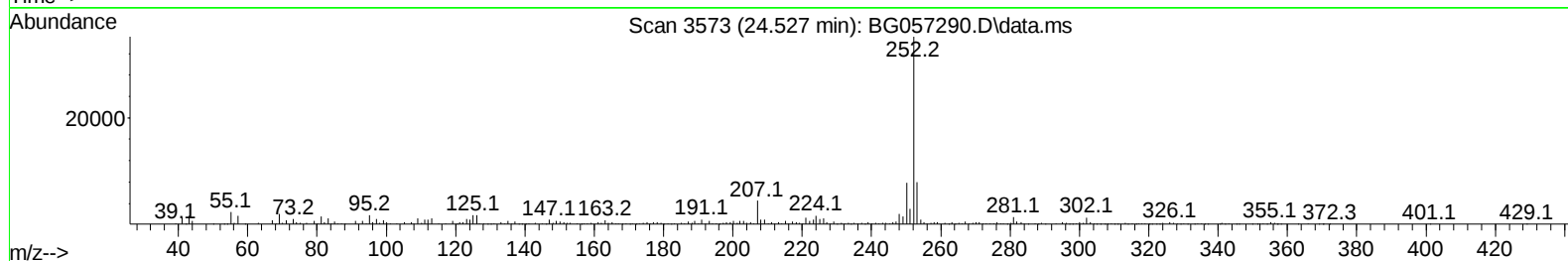
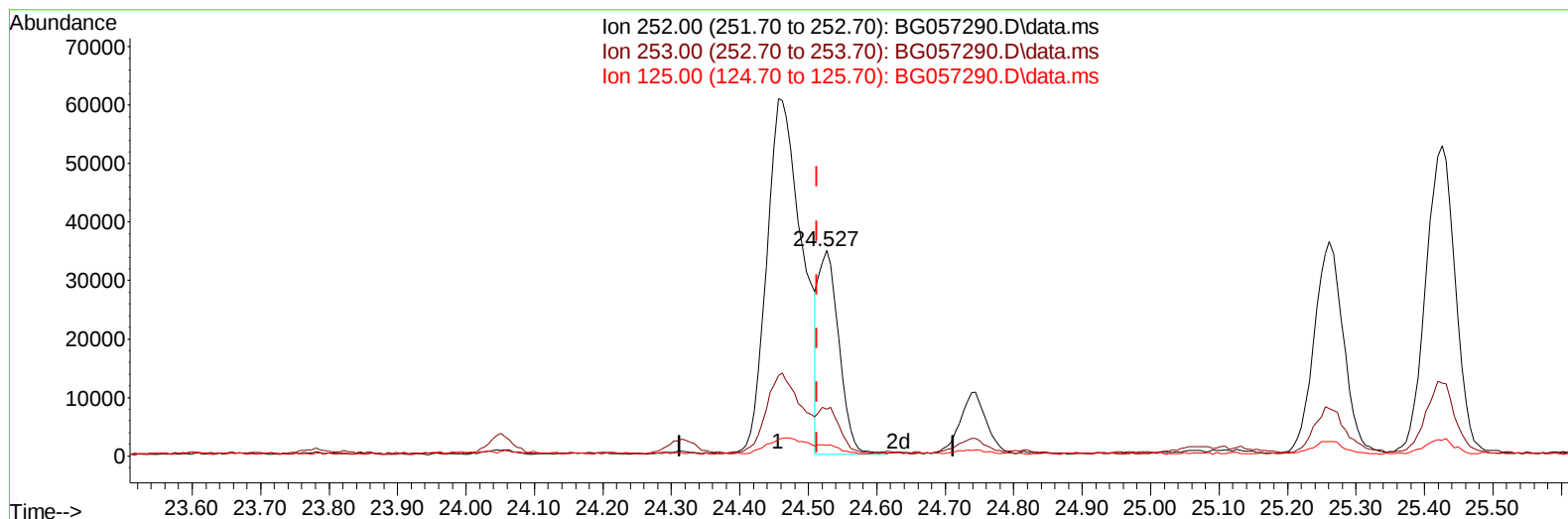
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057290.D
 Acq On : 3 May 2023 17:16
 Operator : CG/JU
 Sample : 02419-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW922

Manual IntegrationsAPPROVED

Quant Time: May 04 03:07:11 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: BG057290.D\data.ms

(91) Benzo(k)fluoranthene

24.527min (+ 0.014) 11.35 ng/ul m

response 73383

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.79
125.00	5.60	5.24
0.00	0.00	0.00

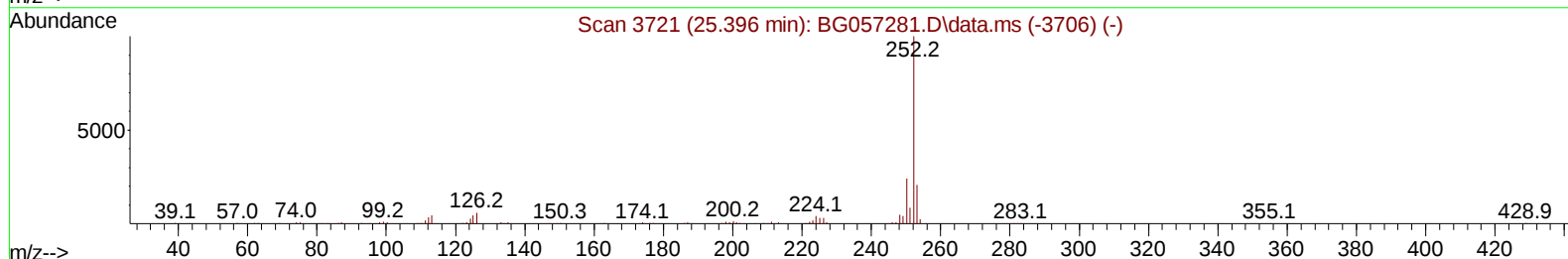
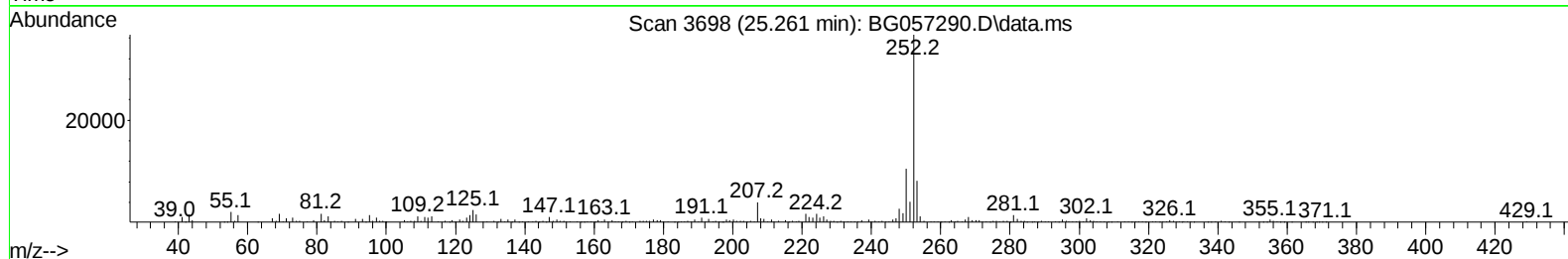
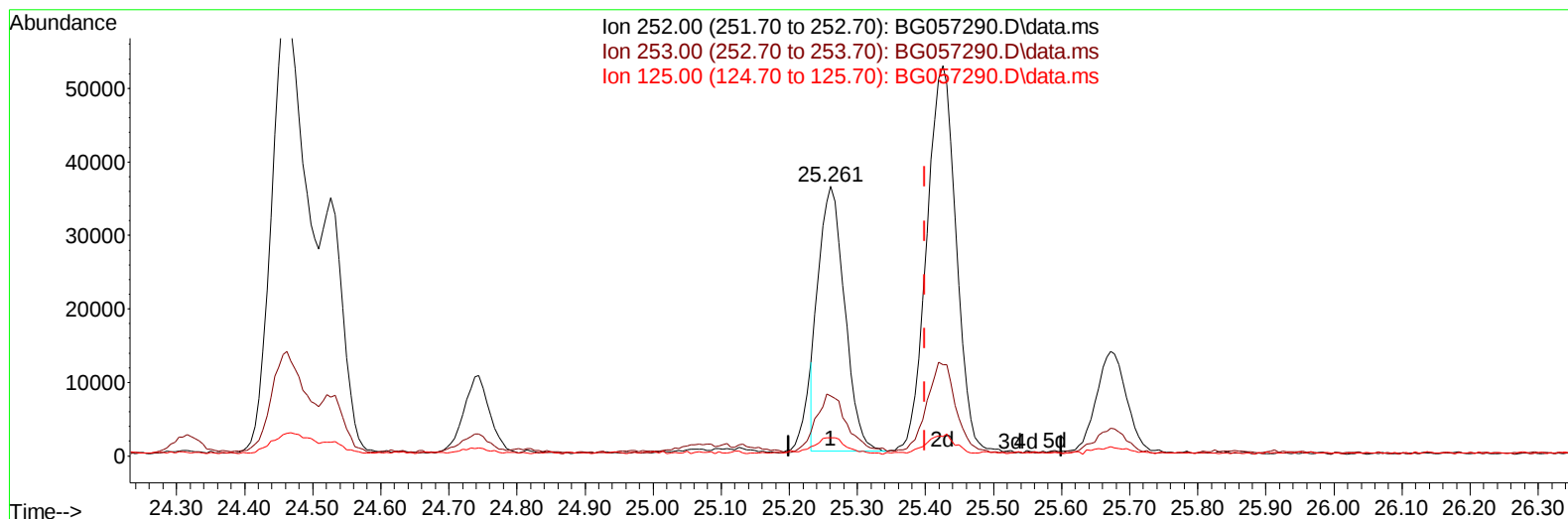
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
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 Acq On : 3 May 2023 17:16
 Operator : CG/JU
 Sample : 02419-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW922

Manual IntegrationsAPPROVED

Quant Time: May 04 03:07:11 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
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Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BG057290.D\data.ms

(93) Benzo(a)pyrene (C)

25.261min (-0.138) 16.72 ng/u1

response 95946

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	22.23
125.00	6.40	6.75
0.00	0.00	0.00

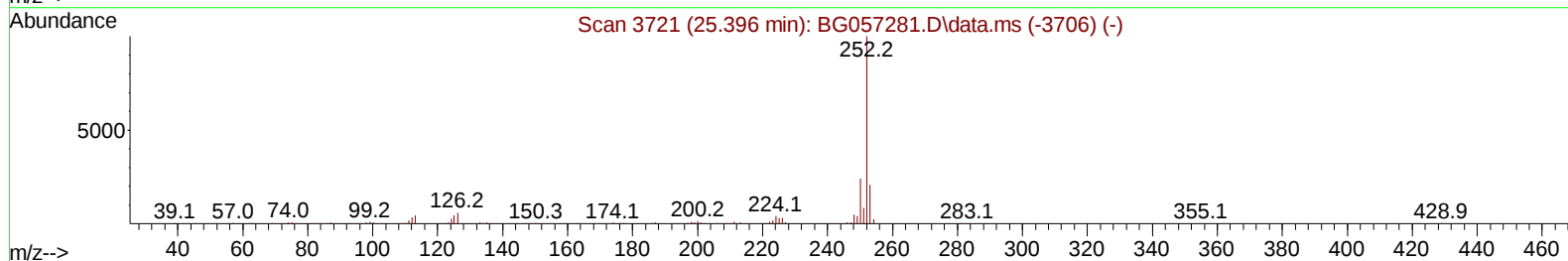
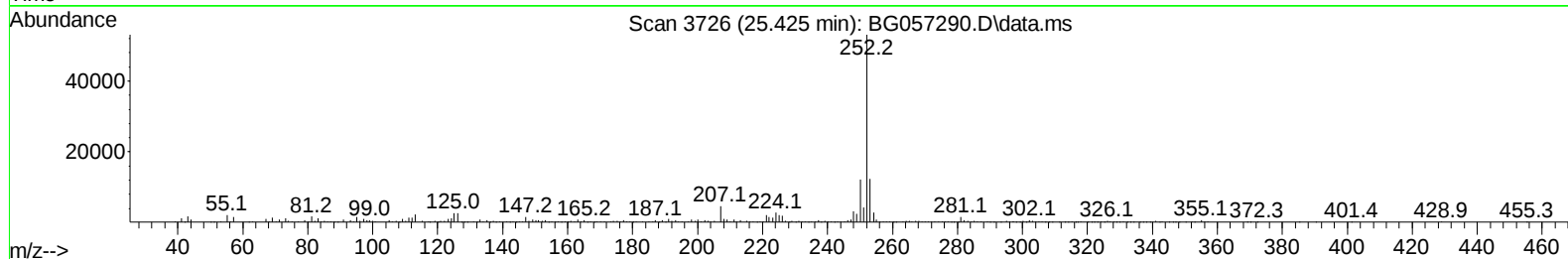
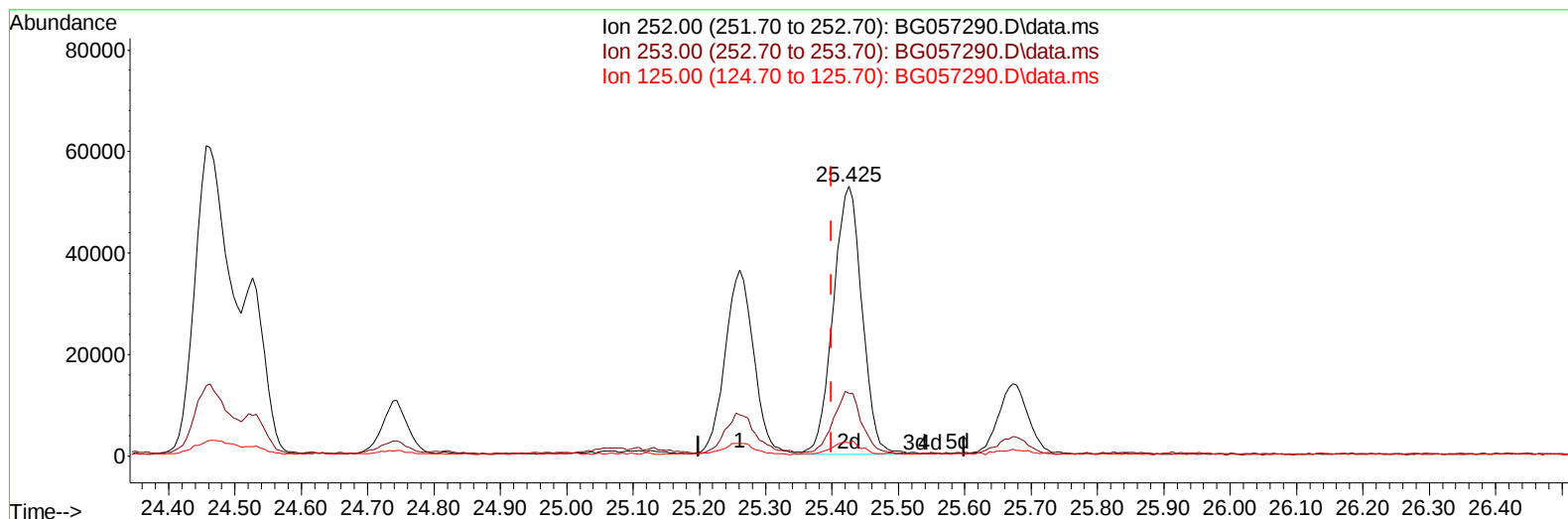
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057290.D
 Acq On : 3 May 2023 17:16
 Operator : CG/JU
 Sample : 02419-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW922

Manual IntegrationsAPPROVED

Quant Time: May 04 03:07:11 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: BG057290.D\data.ms

(93) Benzo(a)pyrene (C)

25.425min (+ 0.026) 27.86 ng/ul m

response 159832

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	23.35
125.00	6.40	4.98#
0.00	0.00	0.00

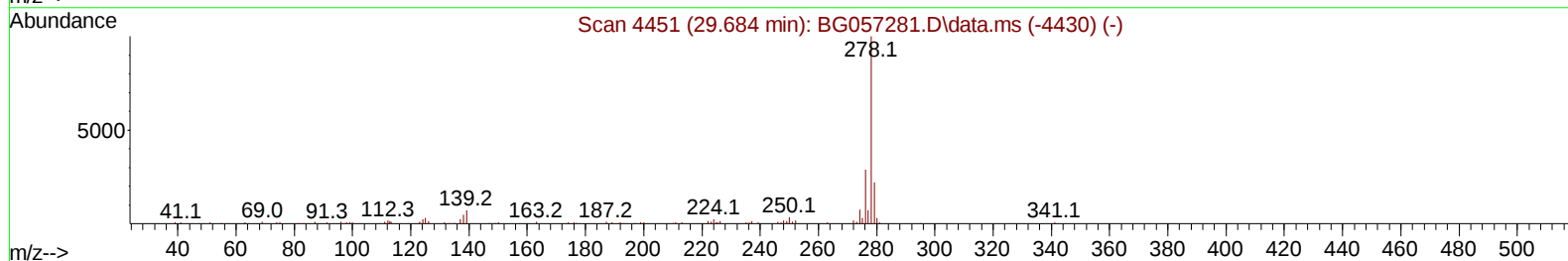
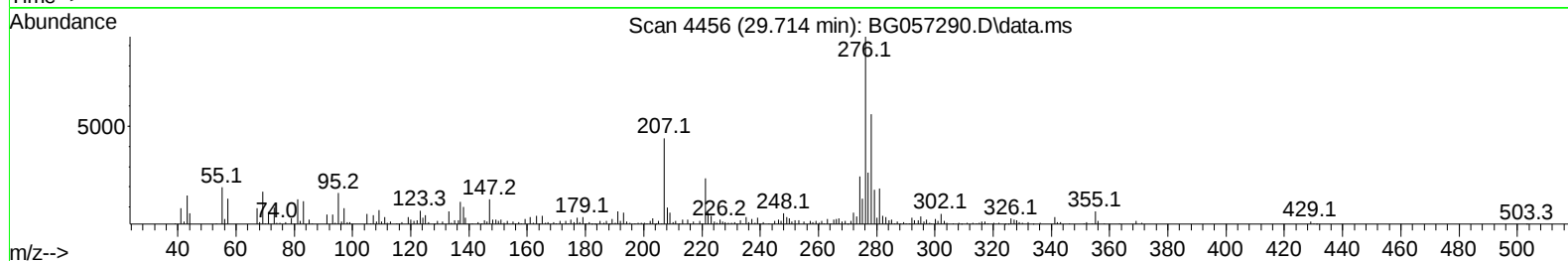
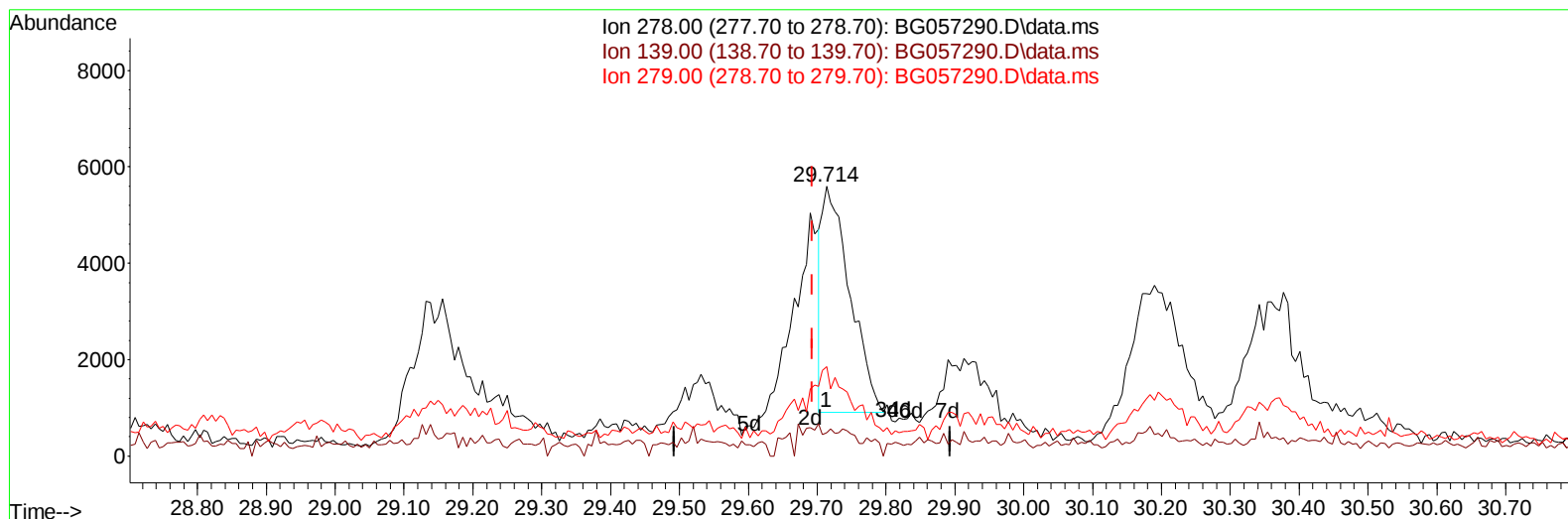
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057290.D
 Acq On : 3 May 2023 17:16
 Operator : CG/JU
 Sample : 02419-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW922

Manual IntegrationsAPPROVED

Quant Time: May 04 03:08:47 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: BG057290.D\data.ms

(95) Dibenzo(a,h)anthracene

29.714min (+ 0.020) 2.20 ng/u1

response 13102

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	8.55
279.00	22.90	33.14#
0.00	0.00	0.00

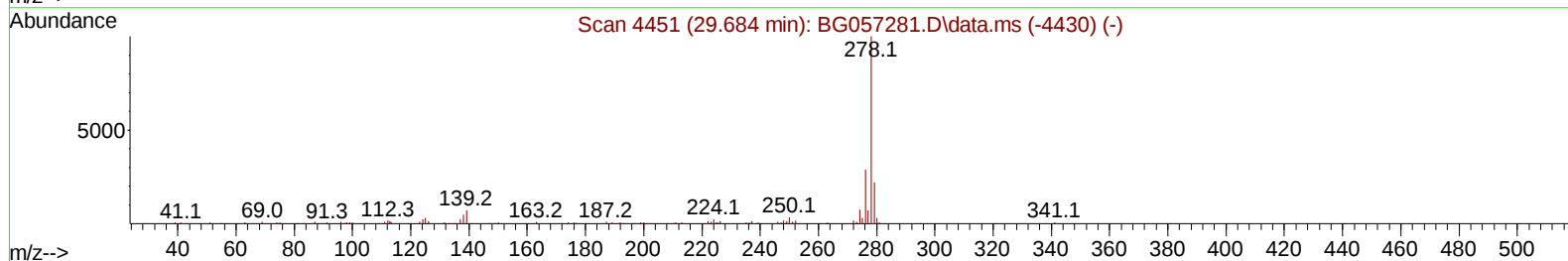
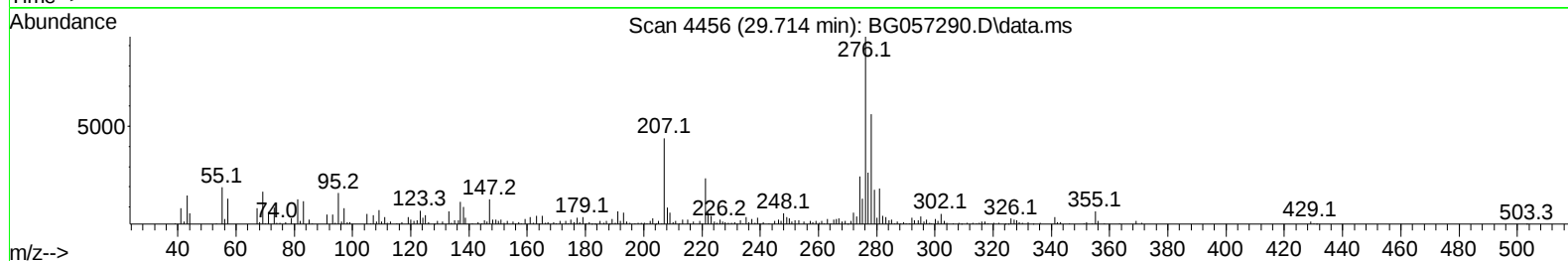
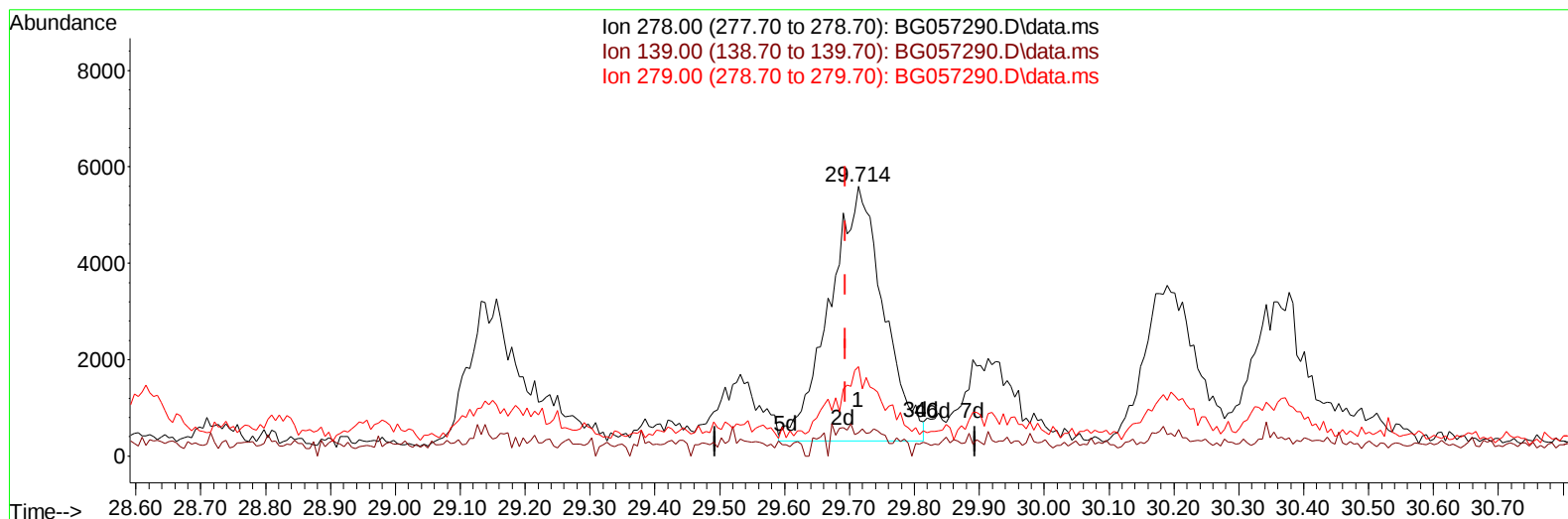
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057290.D
 Acq On : 3 May 2023 17:16
 Operator : CG/JU
 Sample : 02419-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW922

Manual IntegrationsAPPROVED

Quant Time: May 04 03:08:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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 QLast Update : Mon May 01 12:45:38 2023
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Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BG057290.D\data.ms

(95) Dibenzo(a,h)anthracene

29.714min (+ 0.020) 5.13 ng/ul m

response 30496

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	8.55
279.00	22.90	33.14#
0.00	0.00	0.00

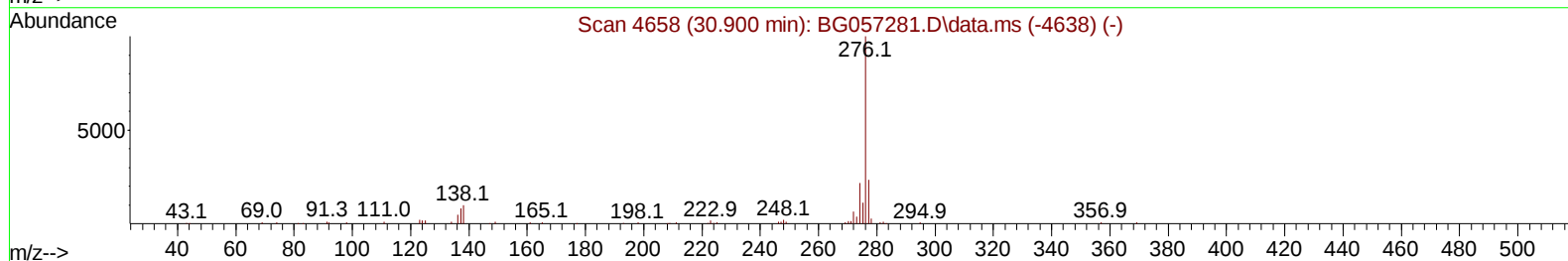
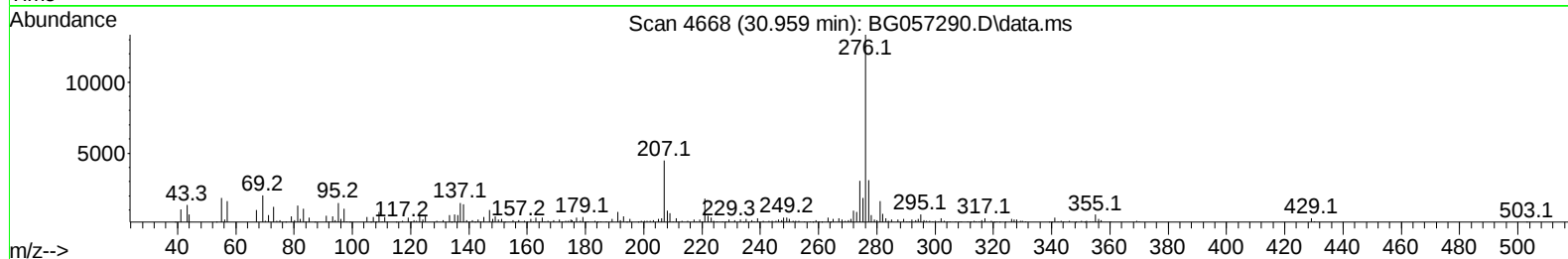
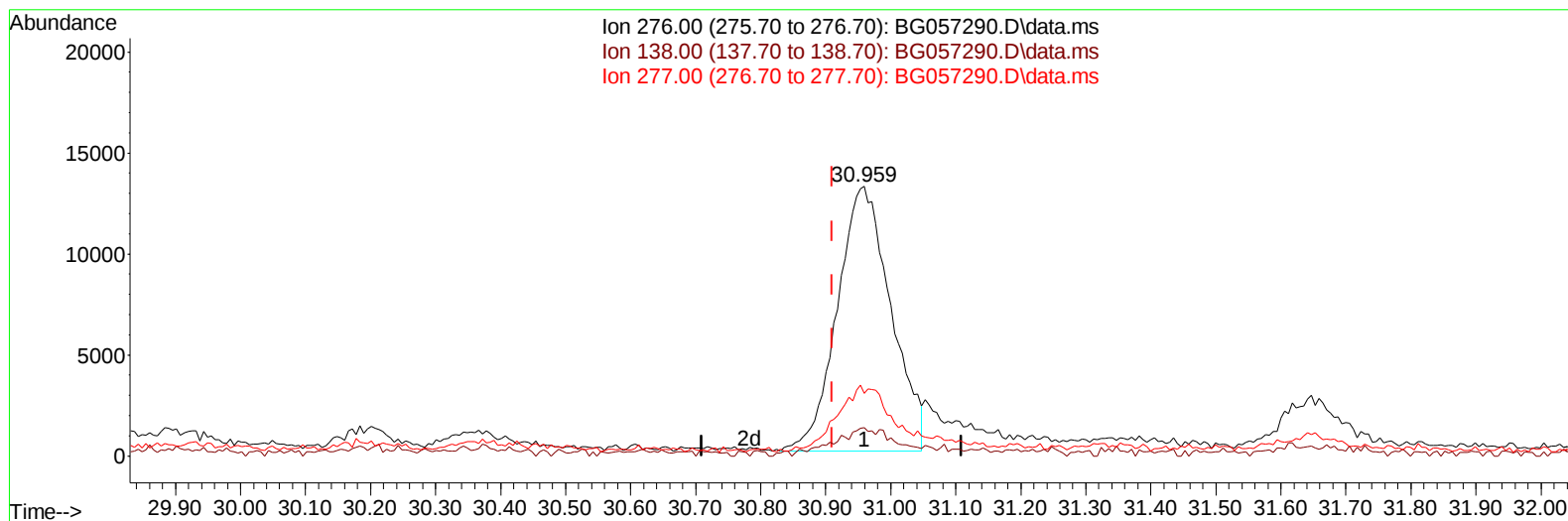
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Data File : BG057290.D
Acq On : 3 May 2023 17:16
Operator : CG/JU
Sample : 02419-25
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW922

Manual IntegrationsAPPROVED

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

Quant Time: May 04 03:09:36 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: BG057290.D\data.ms

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

30.959min (+ 0.050) 13.00 ng/u1

response 75435

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.49
277.00	23.00	23.28
0.00	0.00	0.00

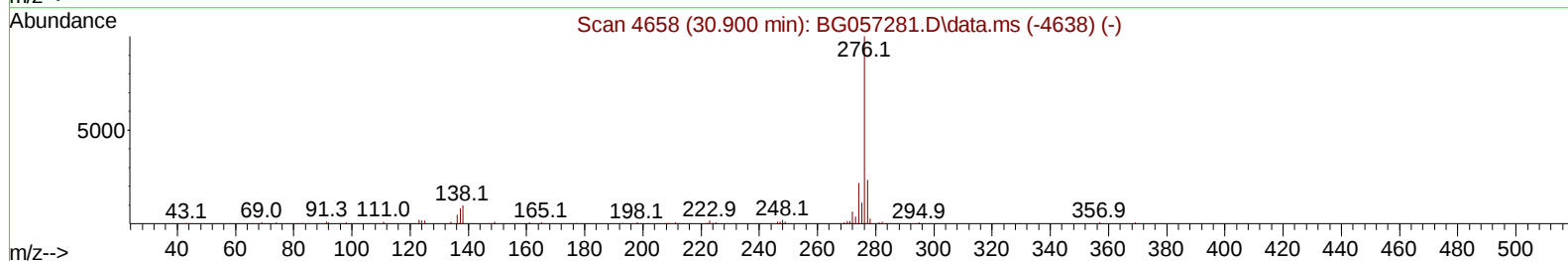
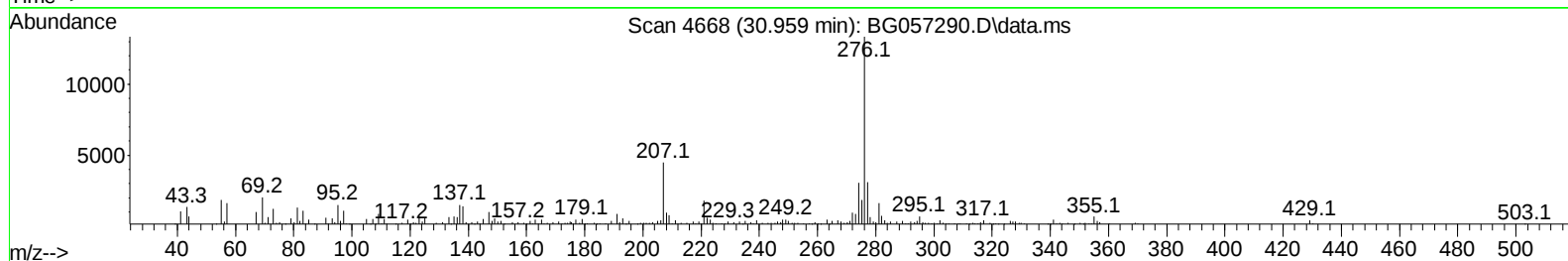
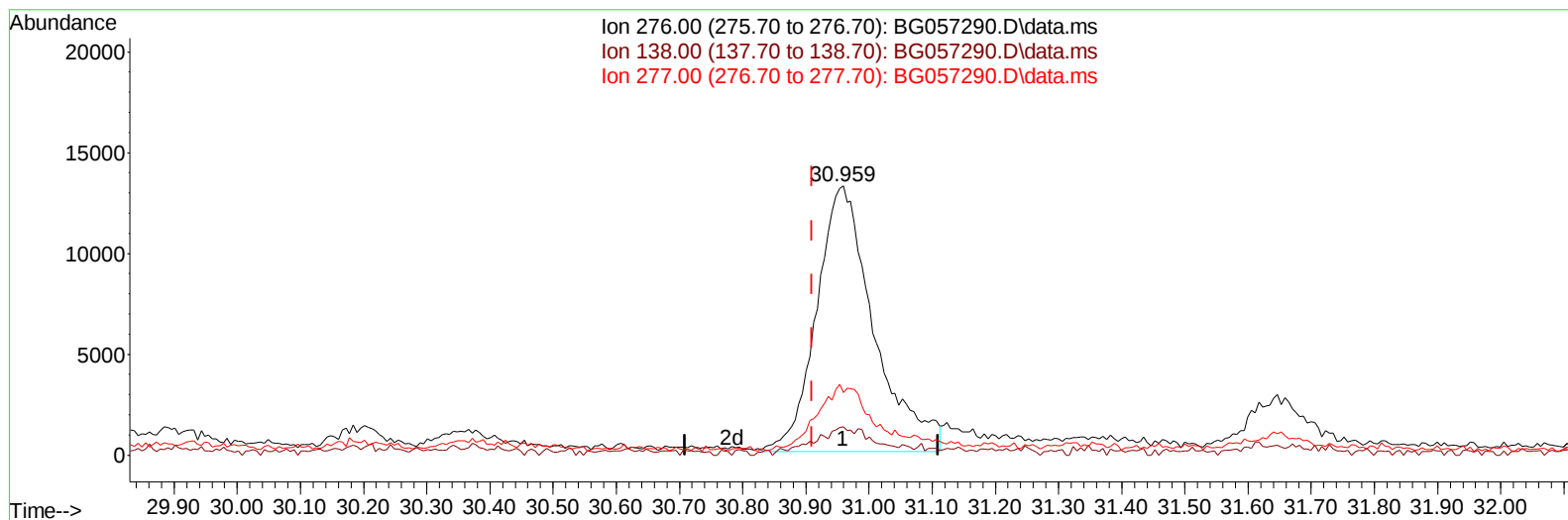
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057290.D
 Acq On : 3 May 2023 17:16
 Operator : CG/JU
 Sample : 02419-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW922

Manual IntegrationsAPPROVED

Quant Time: May 04 03:09:36 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: BG057290.D\data.ms

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

30.959min (+ 0.050) 14.26 ng/ul m

response 82761

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.49
277.00	23.00	23.28
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
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 Acq On : 3 May 2023 17:16
 Operator : CG/JU
 Sample : 02419-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW922

Manual IntegrationsAPPROVED

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

Quant Time: May 04 03:10:06 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)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.378	152		13520	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136		58719	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.993	164		47446	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188		106817	20.000	ng/ul	0.00
79) Chrysene-d12	22.054	240		89702	20.000	ng/ul	0.00
88) Perylene-d12	25.590	264		95973	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.649	96		593	1.930	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	7.520	99		18691	14.618	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67		10632	14.138	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132		13579	16.116	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113		11976	12.324	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128		7007	14.985	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143		8290	15.191	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.839	165		16678	15.840	ng/ul	0.00
31) 4-Chloroaniline-d4	11.350	131		8163m	5.850	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166		59438	15.810	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160		71848	17.004	ng/ul	0.00
54) 4-Nitrophenol-d4	15.198	143		3938	7.196	ng/ul	0.02
60) Fluorene-d10	15.979	176		57676	16.468	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.109	200		2544	4.020	ng/ul	0.01
73) Anthracene-d10	17.836	188		88497	18.151	ng/ul	0.00
81) Pyrene-d10	20.103	212		97575	18.326	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.343	264		91487	18.711	ng/ul	0.02
Target Compounds							
						Qvalue	
16) Acetophenone	9.212	105		3545m	2.120	ng/ul	
52) Acenaphthene	15.057	153		9688	3.167	ng/ul	93
56) Dibenzofuran	15.386	168		7055	1.597	ng/ul	91
61) Fluorene	16.038	166		11834	3.168	ng/ul	100
72) Phenanthrene	17.777	178		200108	35.974	ng/ul	99
74) Anthracene	17.871	178		49122	8.791	ng/ul	98
77) Carbazole	18.135	167		19988	4.281	ng/ul	98
80) Fluoranthene	19.768	202		368882	58.323	ng/ul#	96
82) Pyrene	20.133	202		321730	50.248	ng/ul	97
85) Benzo(a)anthracene	22.036	228		177724	28.014	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.877	149		3777	1.266	ng/ul#	95
87) Chrysene	22.106	228		162408	27.134	ng/ul	95
90) Benzo(b)fluoranthene	24.456	252		217545	32.733	ng/ul#	96
91) Benzo(k)fluoranthene	24.527	252		73383m	11.349	ng/ul	
93) Benzo(a)pyrene	25.425	252		159832m	27.857	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.679	276		94674	13.200	ng/ul	94
95) Dibenzo(a,h)anthracene	29.714	278		30496m	5.128	ng/ul	
96) Benzo(g,h,i)perylene	30.959	276		82761m	14.258	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057290.D
 Acq On : 3 May 2023 17:16
 Operator : CG/JU
 Sample : 02419-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW922

Manual IntegrationsAPPROVED

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

Quant Time: May 04 03:10:06 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

