

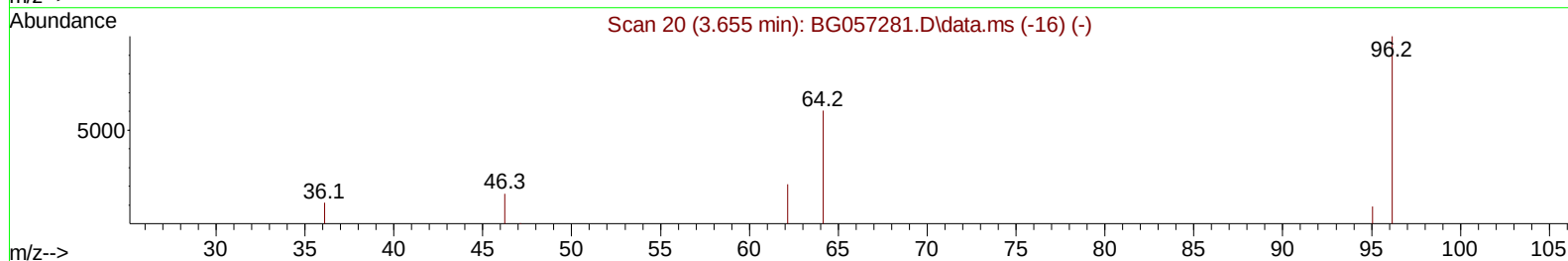
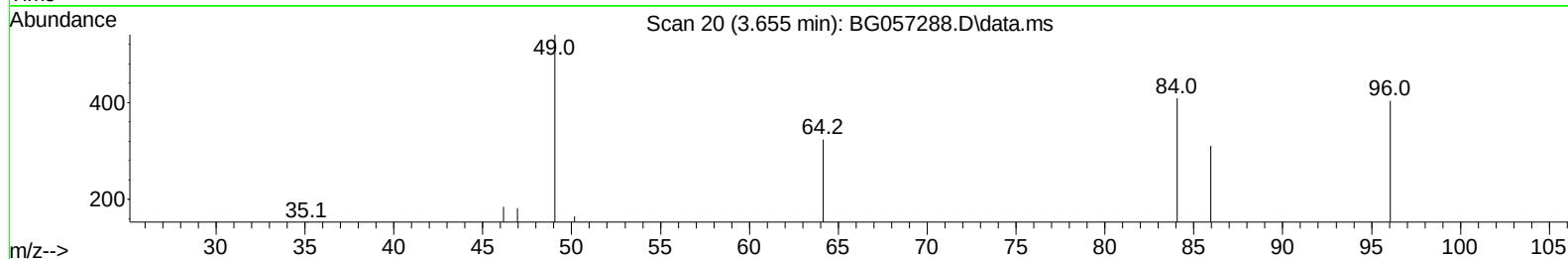
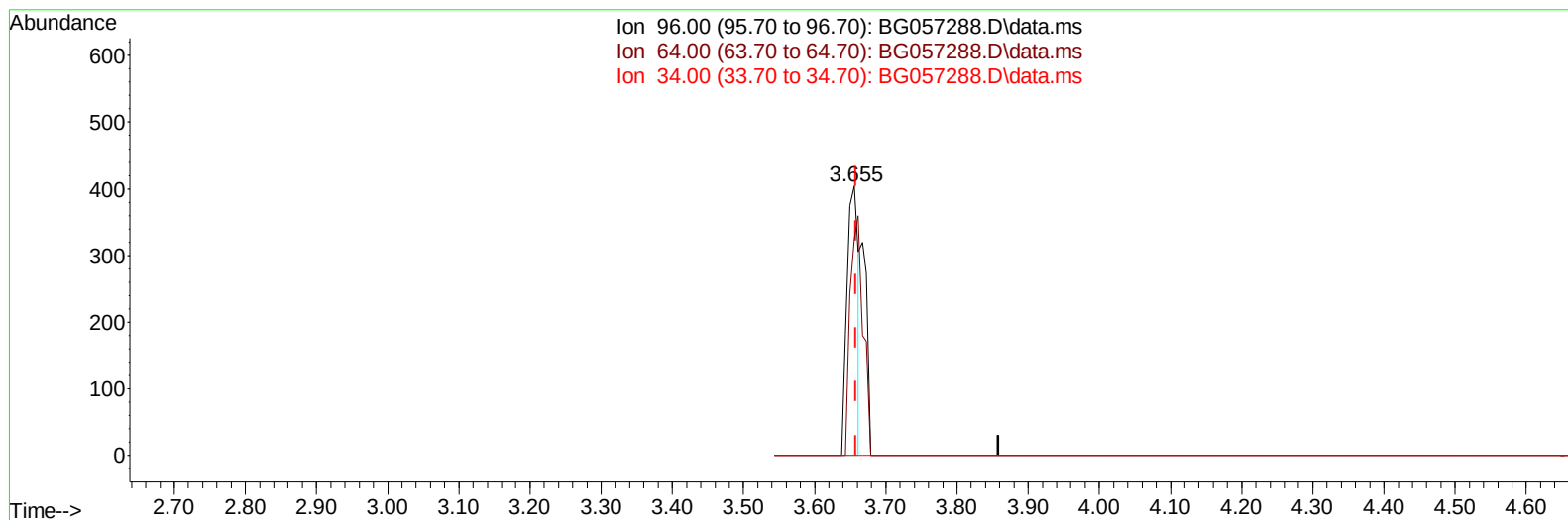
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057288.D
 Acq On : 3 May 2023 15:54
 Operator : CG/JU
 Sample : 02419-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW918

Manual IntegrationsAPPROVED

Quant Time: May 04 01:16:28 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: BG057288.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.655min (-0.003) 1.24 ng/uL

response 446

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	70.80	80.20
34.00	0.00	0.00
0.00	0.00	0.00

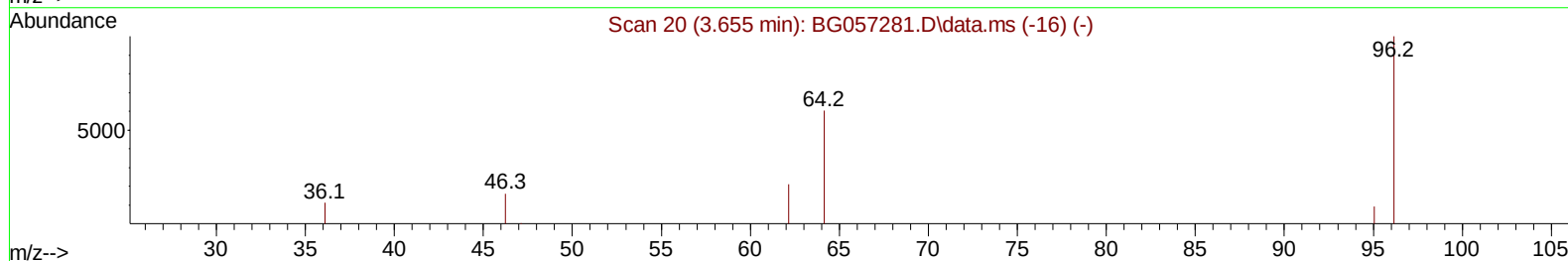
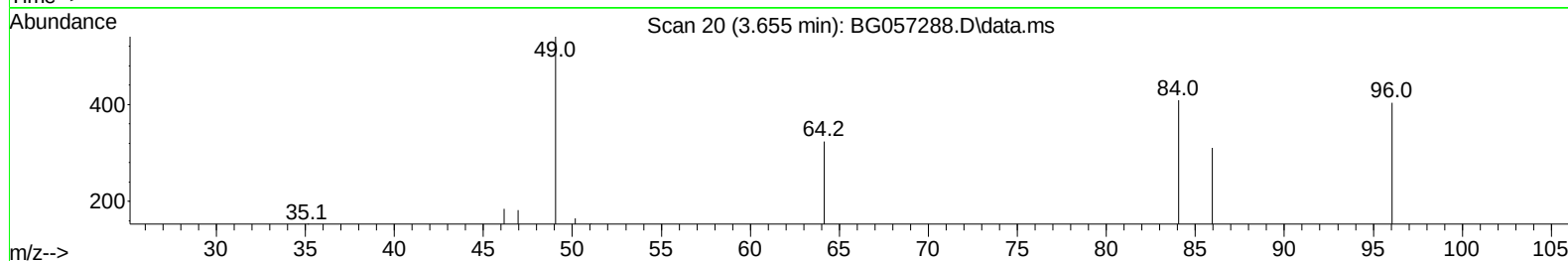
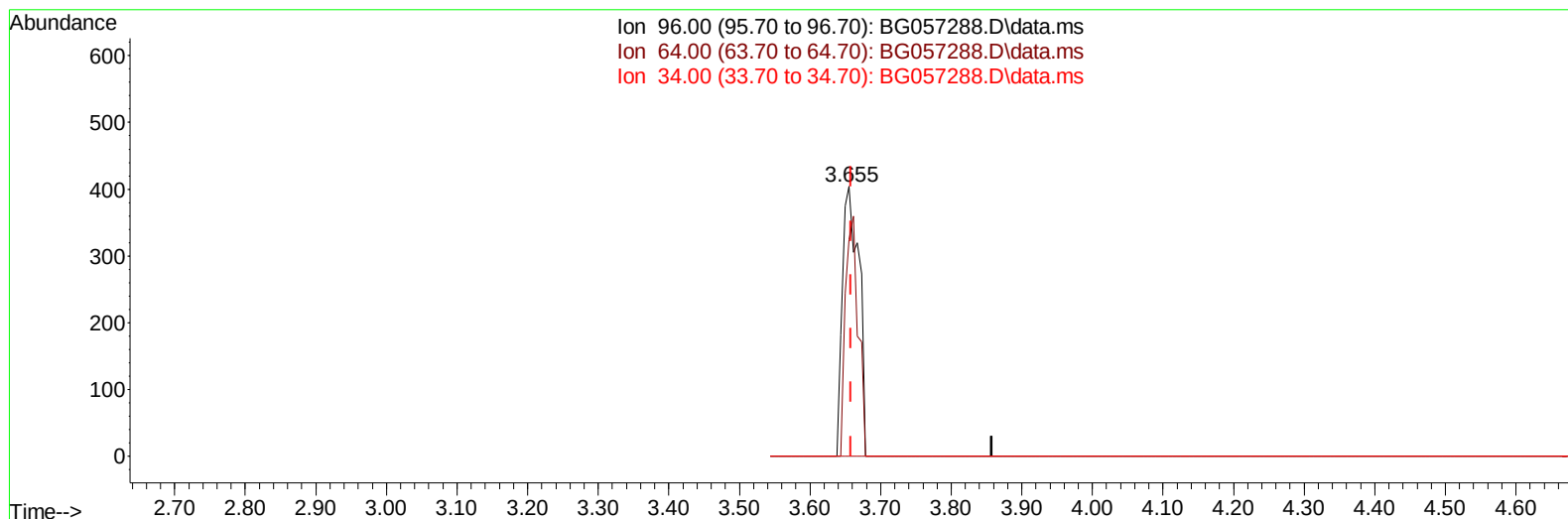
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057288.D
 Acq On : 3 May 2023 15:54
 Operator : CG/JU
 Sample : 02419-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW918

Manual IntegrationsAPPROVED

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

Quant Time: May 04 01:16:28 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: BG057288.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.655min (-0.003) 1.83 ng/uL m

response 655

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	70.80	80.20
34.00	0.00	0.00
0.00	0.00	0.00

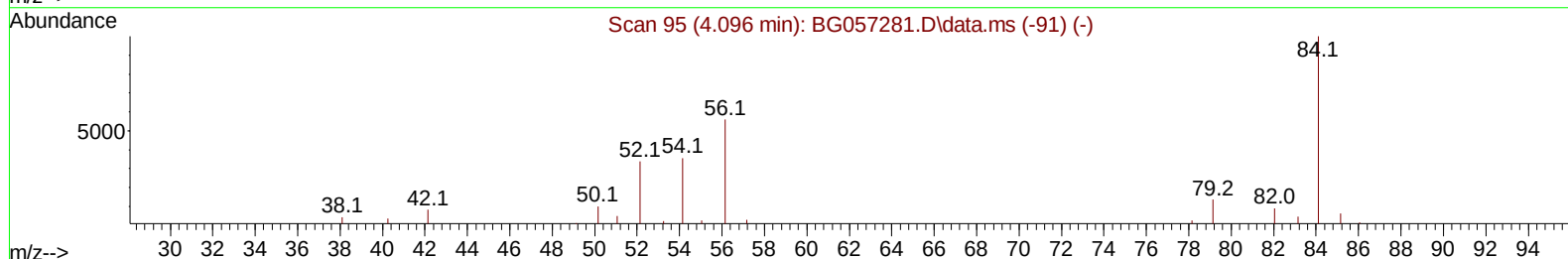
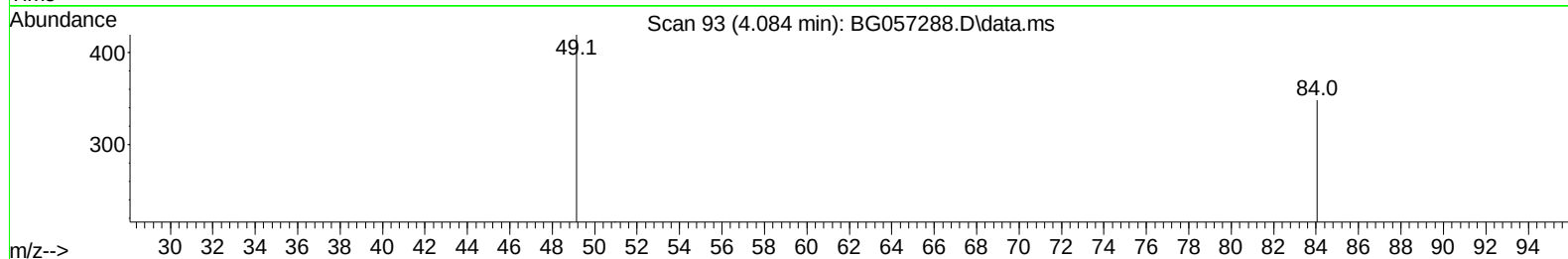
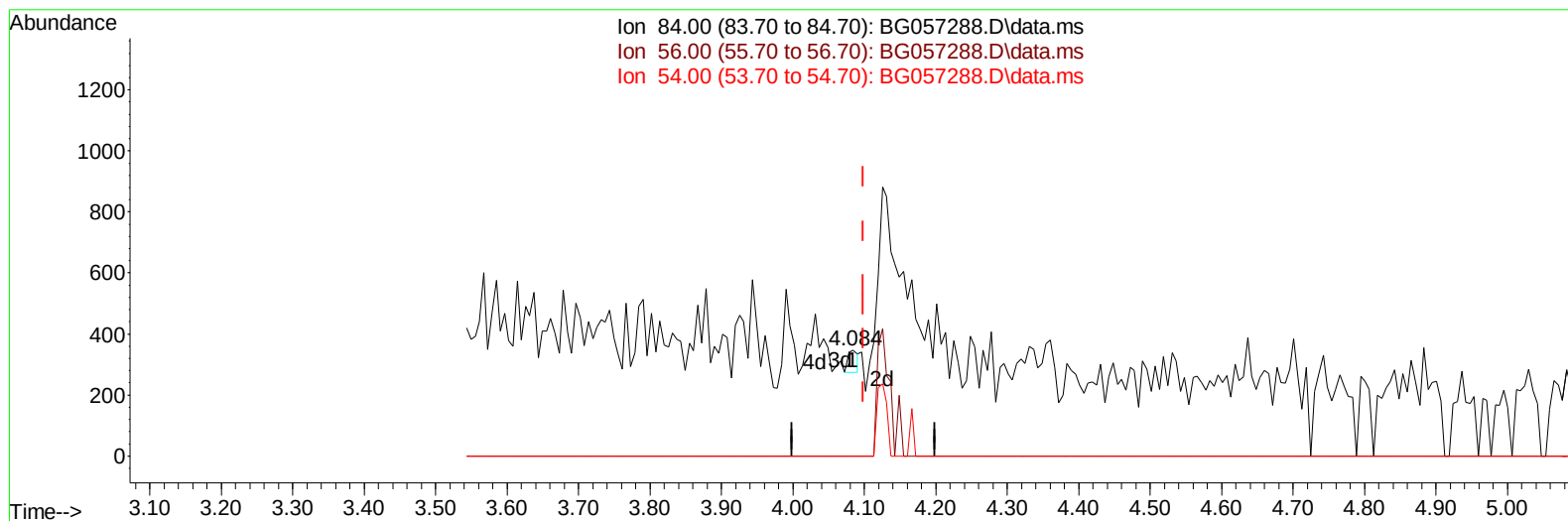
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057288.D
Acq On : 3 May 2023 15:54
Operator : CG/JU
Sample : 02419-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW918

Manual IntegrationsAPPROVED

Quant Time: May 04 02:44:58 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: BG057288.D\data.ms

(4) Pyridine-d5 (S)

4.084min (-0.015) 0.06 ng/u1

response 69

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	60.80	0.00#
54.00	33.30	0.00#
0.00	0.00	0.00

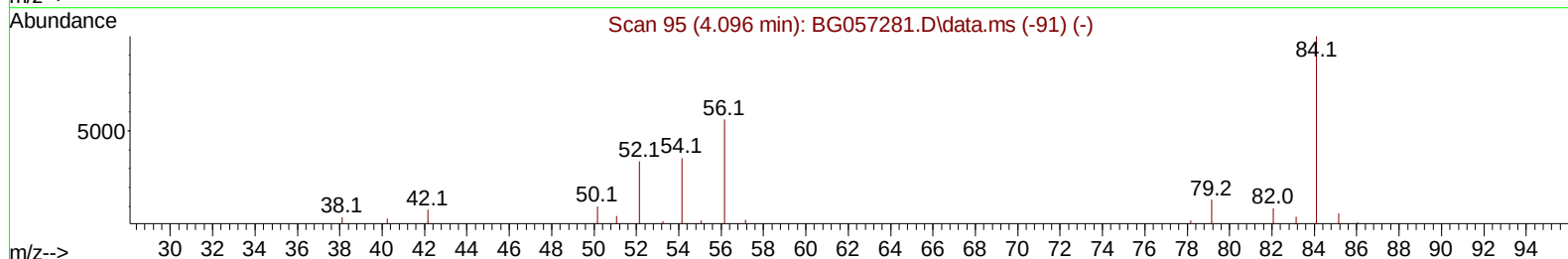
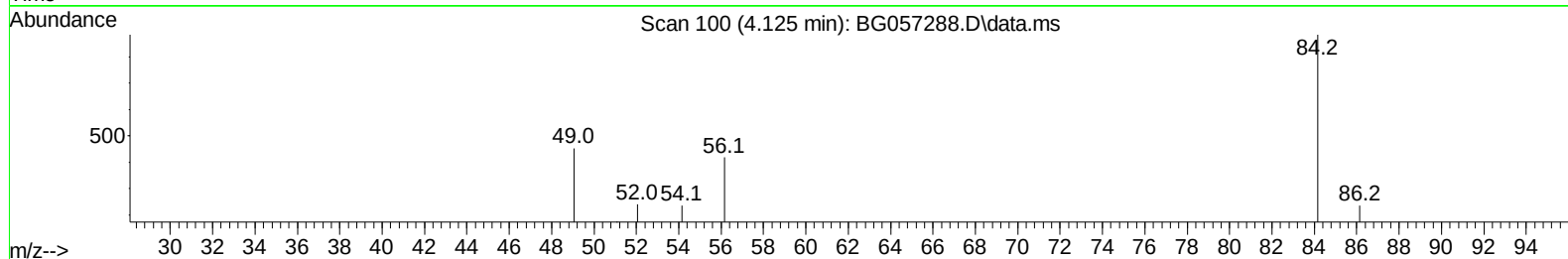
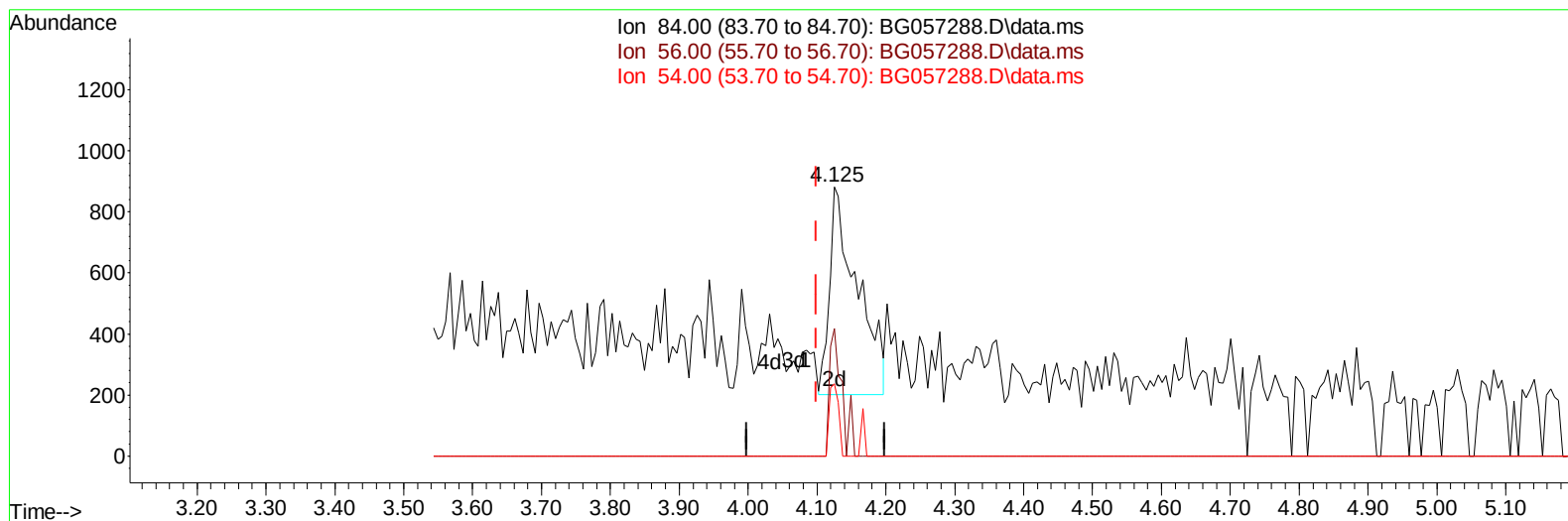
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057288.D
 Acq On : 3 May 2023 15:54
 Operator : CG/JU
 Sample : 02419-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 04 02:44:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
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Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BG057288.D\data.ms

(4) Pyridine-d5 (S)

4.125min (+ 0.027) 1.68 ng/ul m

response 1900

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	60.80	47.34#
54.00	33.30	26.73
0.00	0.00	0.00

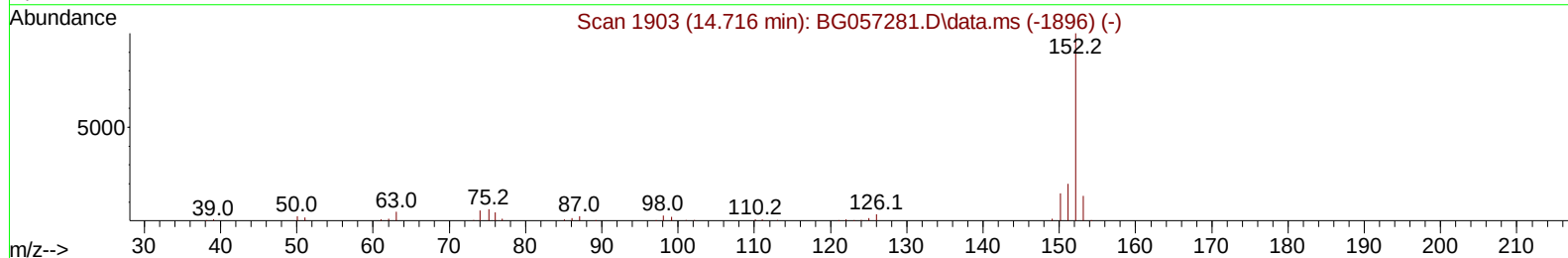
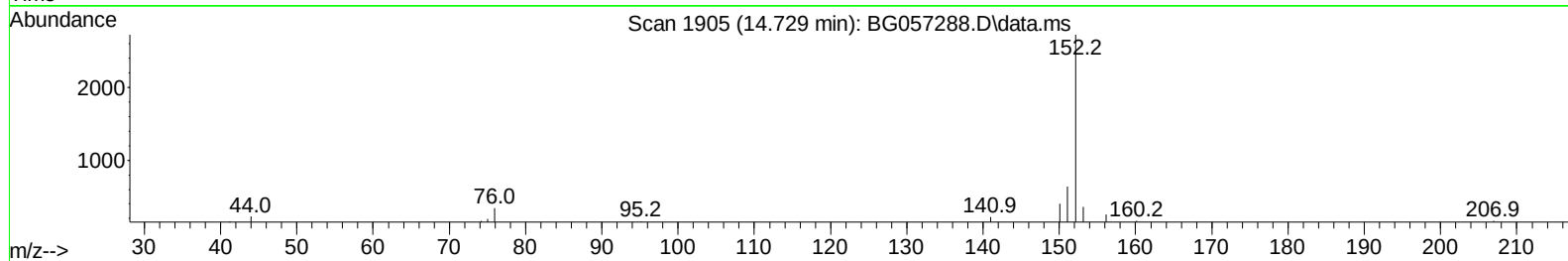
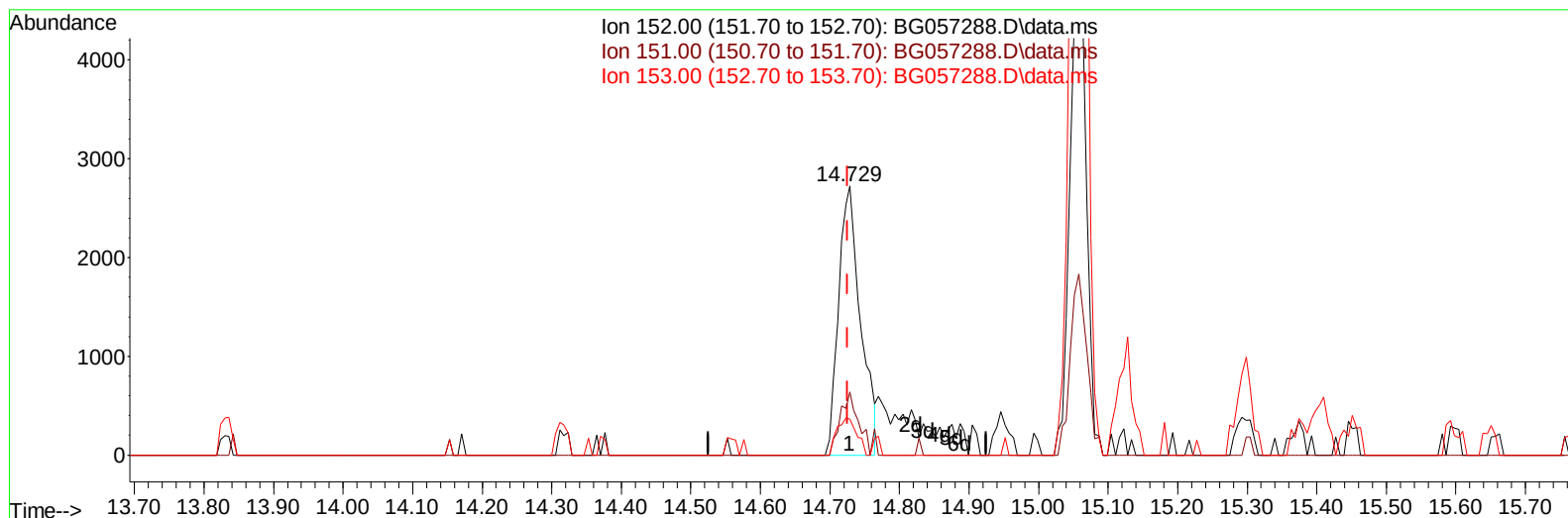
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057288.D
 Acq On : 3 May 2023 15:54
 Operator : CG/JU
 Sample : 02419-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW918

Manual IntegrationsAPPROVED

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

Quant Time: May 04 02:45:33 2023
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 Quant Title : SVOA CALIBRATION
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TIC: BG057288.D\data.ms

(50) Acenaphthylene

14.729min (+ 0.003) 1.40 ng/ul

response 5967

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.40	23.54
153.00	12.60	13.29
0.00	0.00	0.00

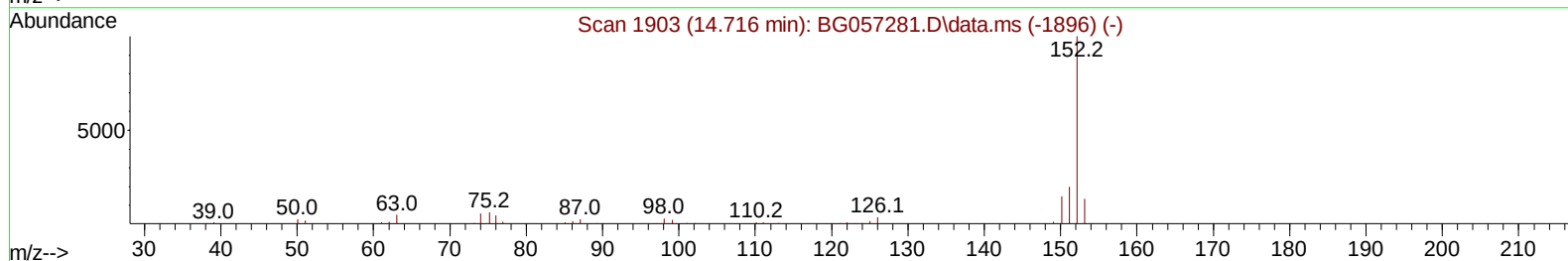
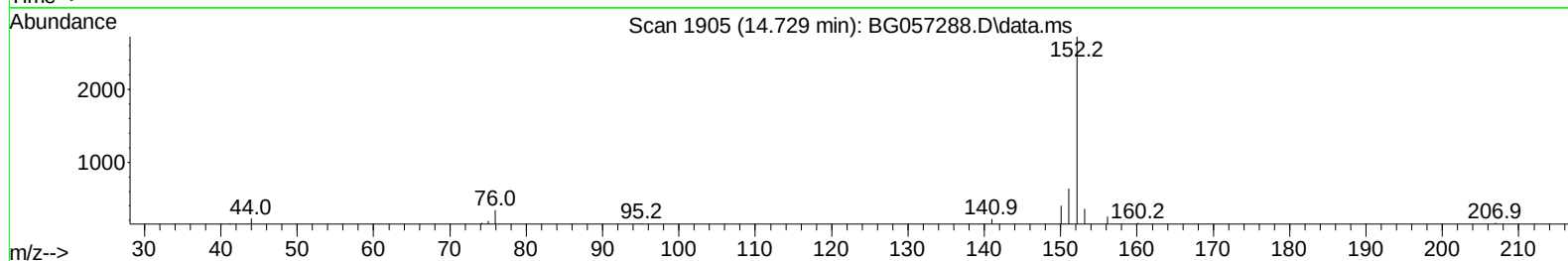
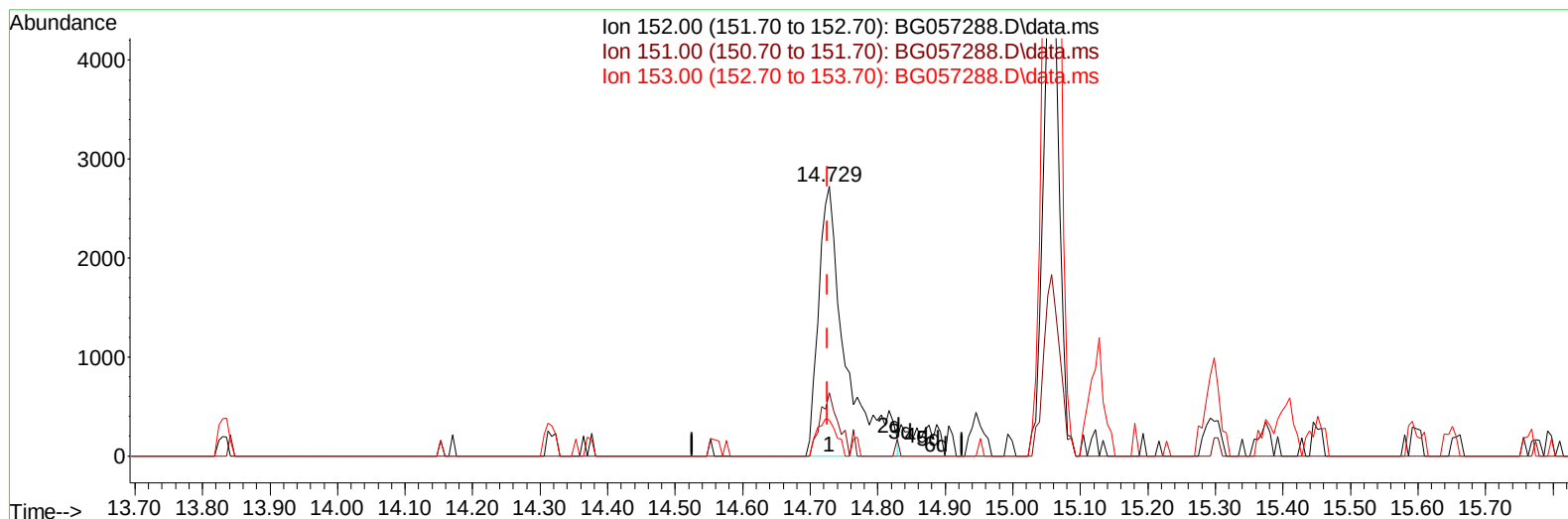
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057288.D
Acq On : 3 May 2023 15:54
Operator : CG/JU
Sample : 02419-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW918

Manual IntegrationsAPPROVED

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

Quant Time: May 04 02:45:33 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: BG057288.D\data.ms

(50) Acenaphthylene

14.729min (+ 0.003) 1.76 ng/ul m

response 7498

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.40	23.54
153.00	12.60	13.29
0.00	0.00	0.00

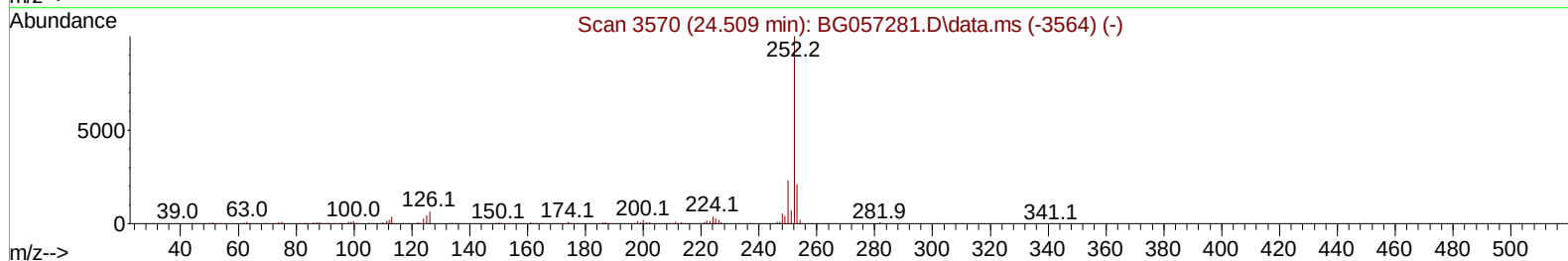
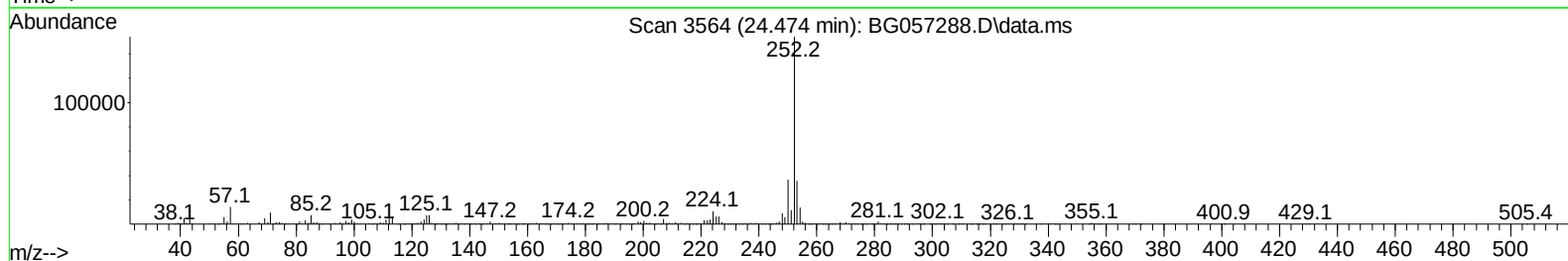
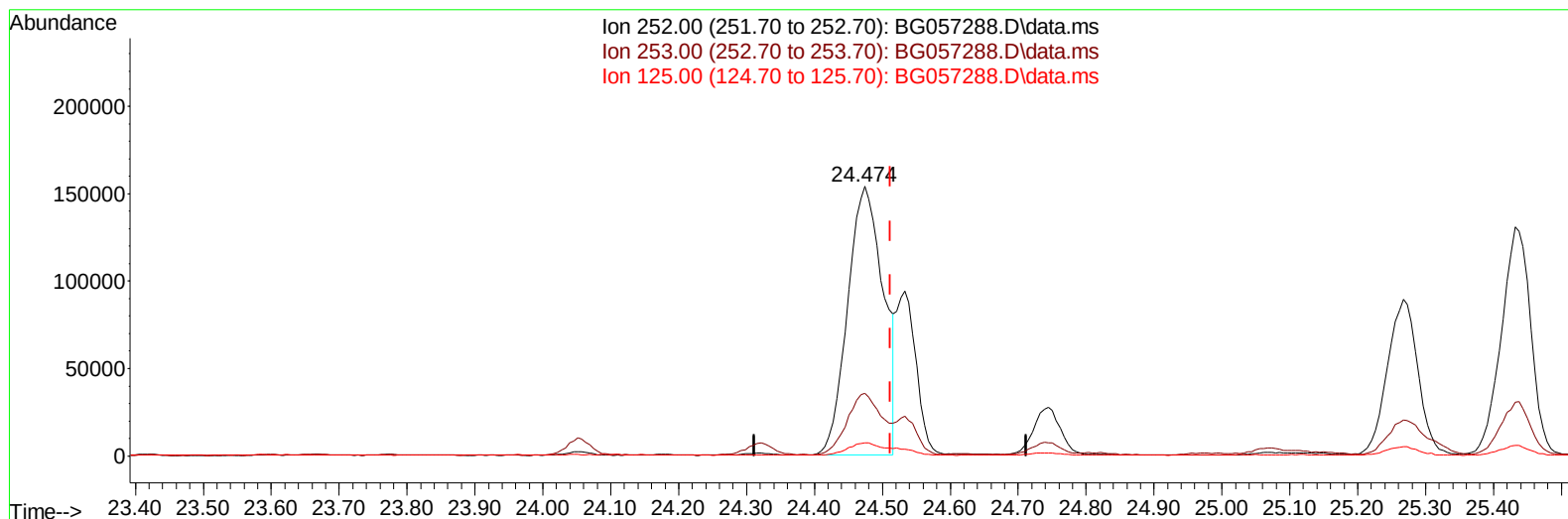
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057288.D
Acq On : 3 May 2023 15:54
Operator : CG/JU
Sample : 02419-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW918

Manual IntegrationsAPPROVED

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

Quant Time: May 04 02:47:05 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: BG057288.D\data.ms

(91) Benzo(k)fluoranthene

24.474min (-0.038) 93.19 ng/u1

response 560868

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.13
125.00	5.60	4.95
0.00	0.00	0.00

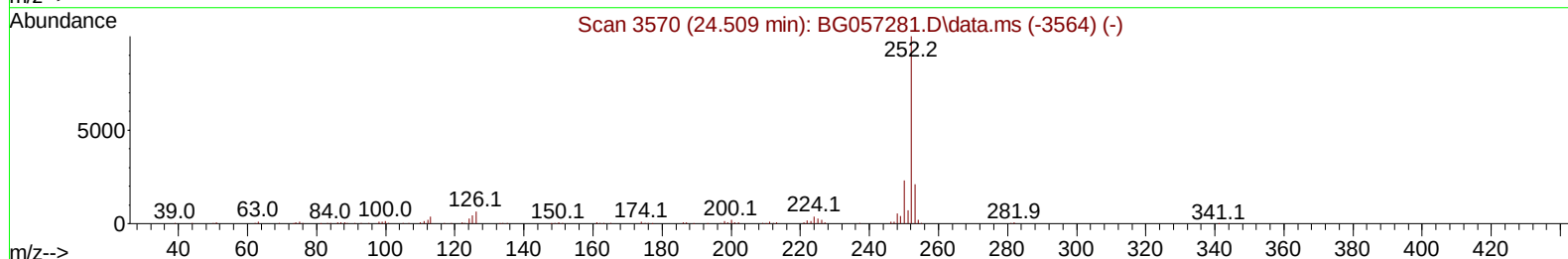
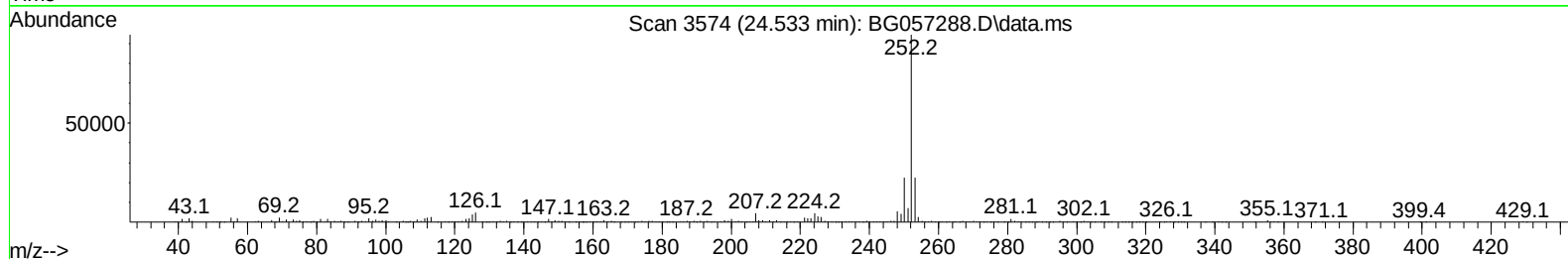
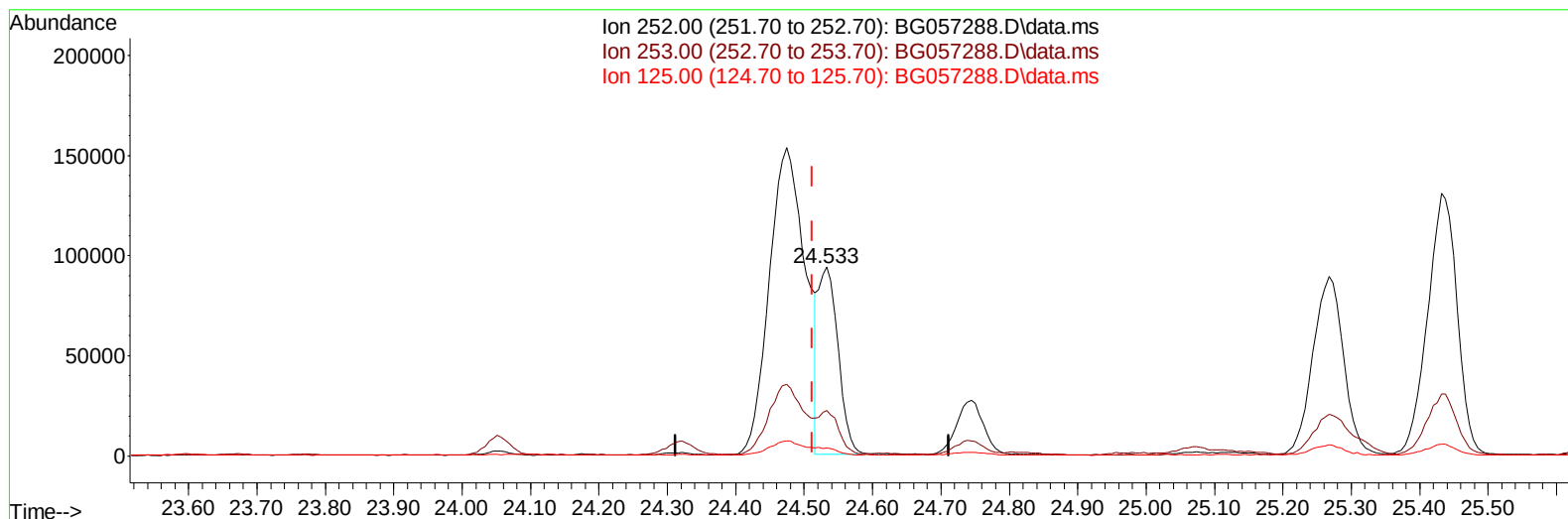
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057288.D
 Acq On : 3 May 2023 15:54
 Operator : CG/JU
 Sample : 02419-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW918

Manual IntegrationsAPPROVED

Quant Time: May 04 02:47:05 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: BG057288.D\data.ms

(91) Benzo(k)fluoranthene

24.533min (+ 0.021) 31.30 ng/ul m

response 188389

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.01
125.00	5.60	4.10#
0.00	0.00	0.00

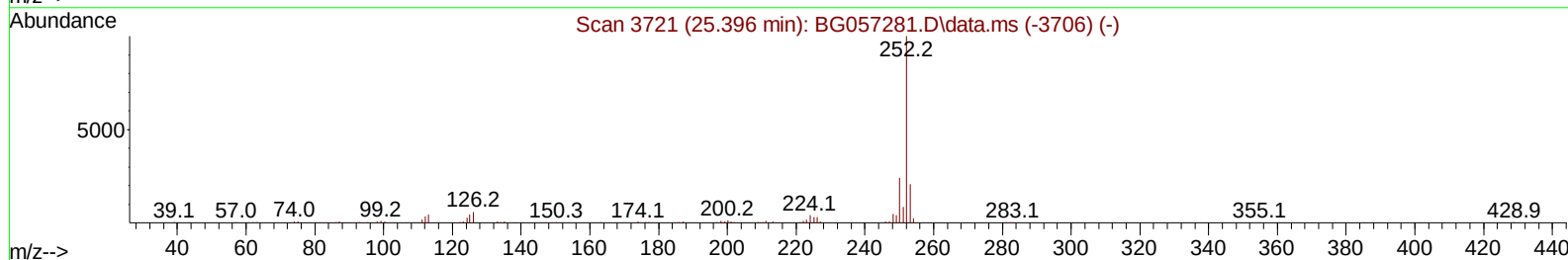
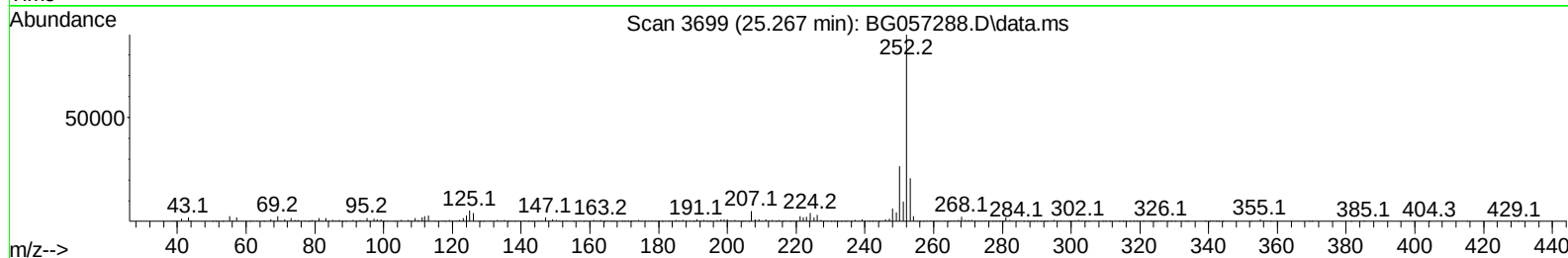
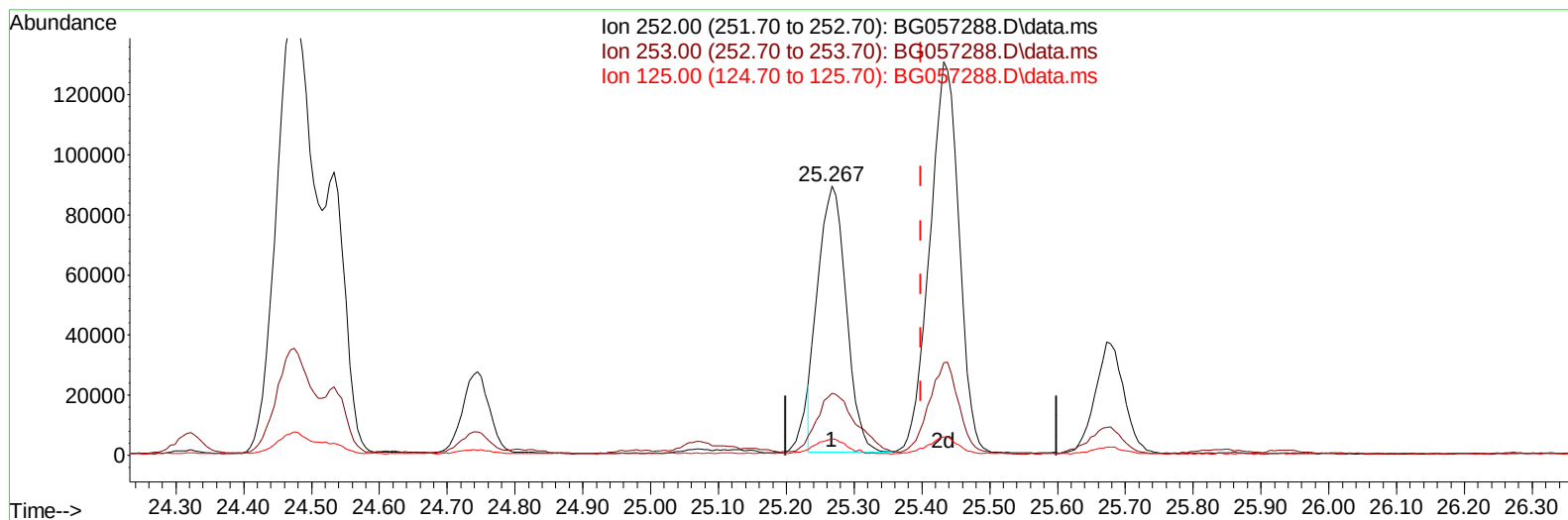
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057288.D
 Acq On : 3 May 2023 15:54
 Operator : CG/JU
 Sample : 02419-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW918

Manual IntegrationsAPPROVED

Quant Time: May 04 02:47:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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TIC: BG057288.D\data.ms

(93) Benzo(a)pyrene (C)

25.267min (-0.132) 47.90 ng/u1

response 255837

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	23.12
125.00	6.40	6.09
0.00	0.00	0.00

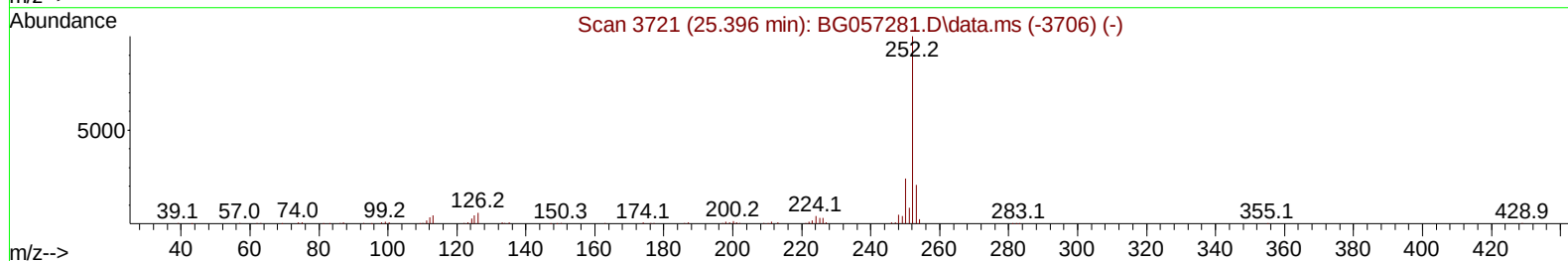
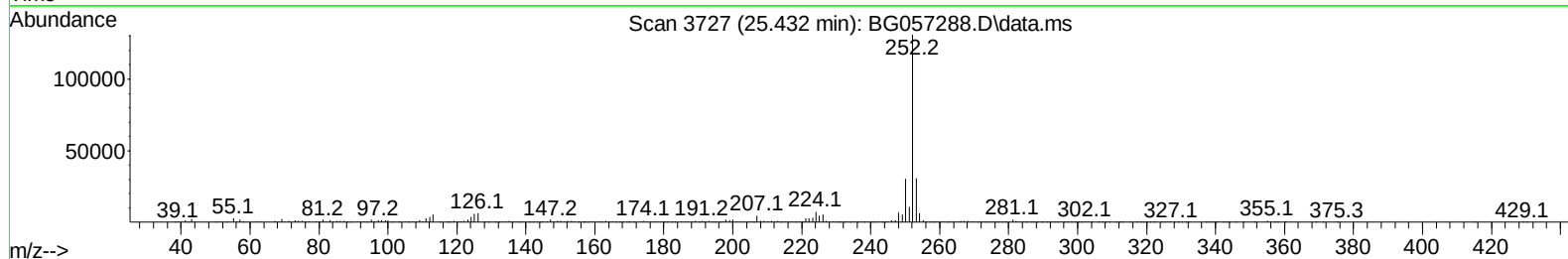
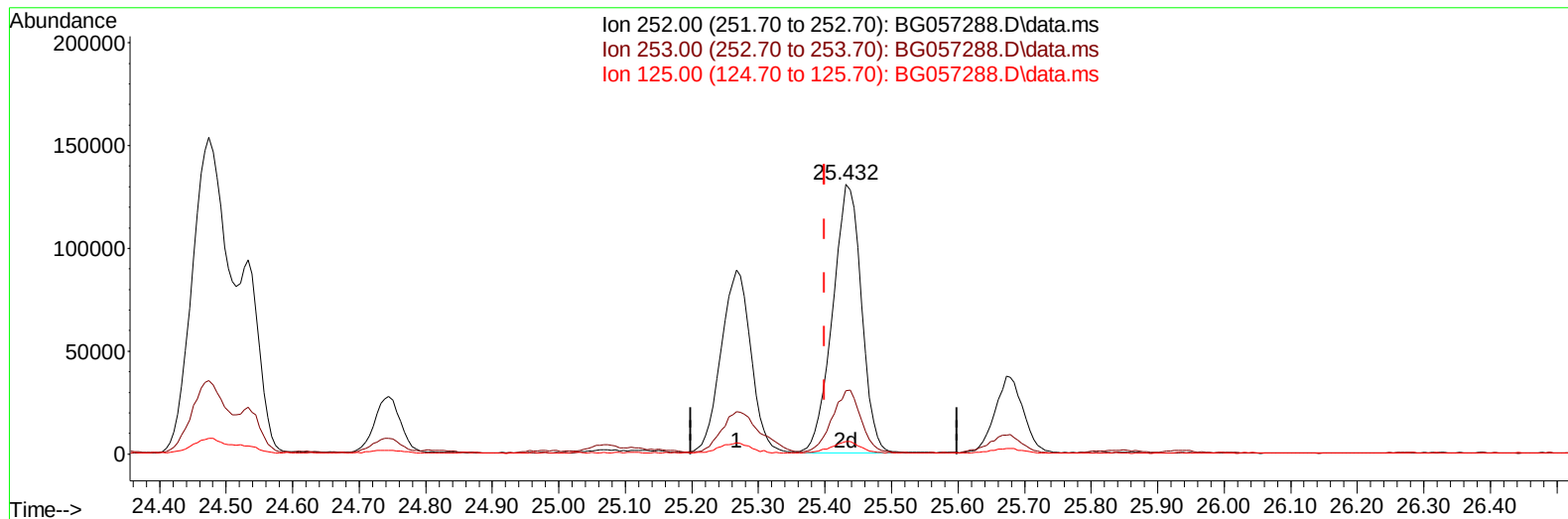
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057288.D
Acq On : 3 May 2023 15:54
Operator : CG/JU
Sample : 02419-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW918

Manual IntegrationsAPPROVED

Quant Time: May 04 02:47:05 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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TIC: BG057288.D\data.ms

(93) Benzo(a)pyrene (C)

25.432min (+ 0.032) 73.81 ng/ul m

response 394191

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	23.51
125.00	6.40	4.56#
0.00	0.00	0.00

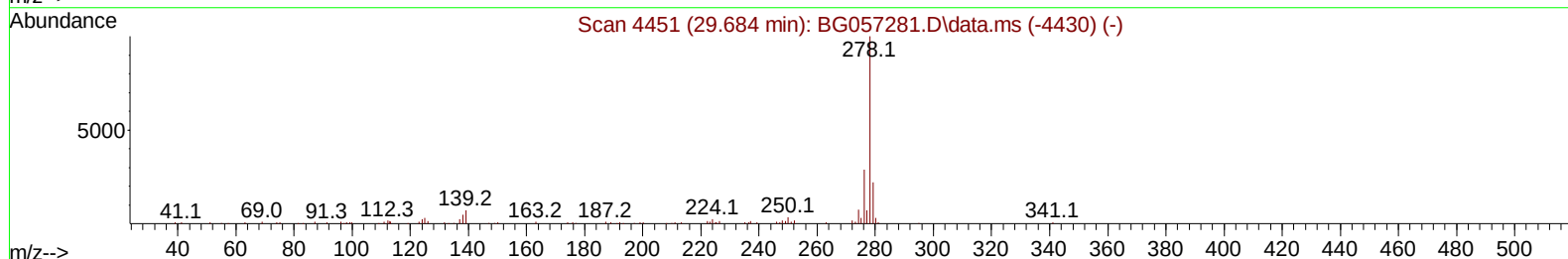
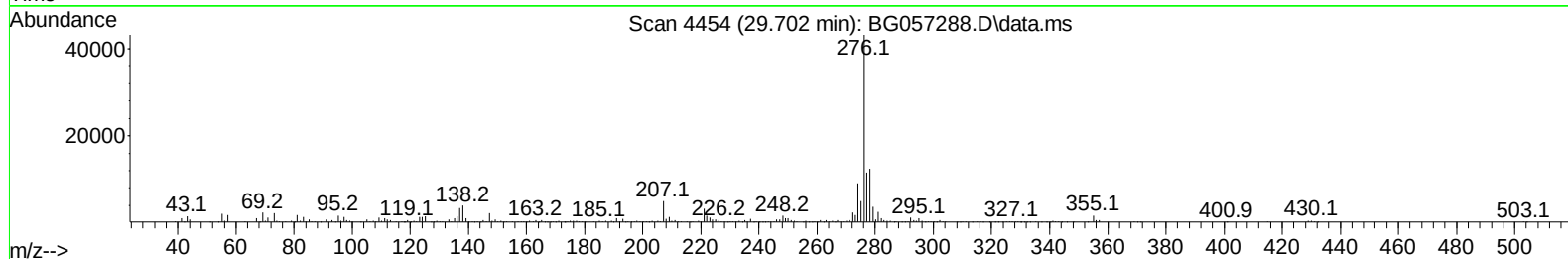
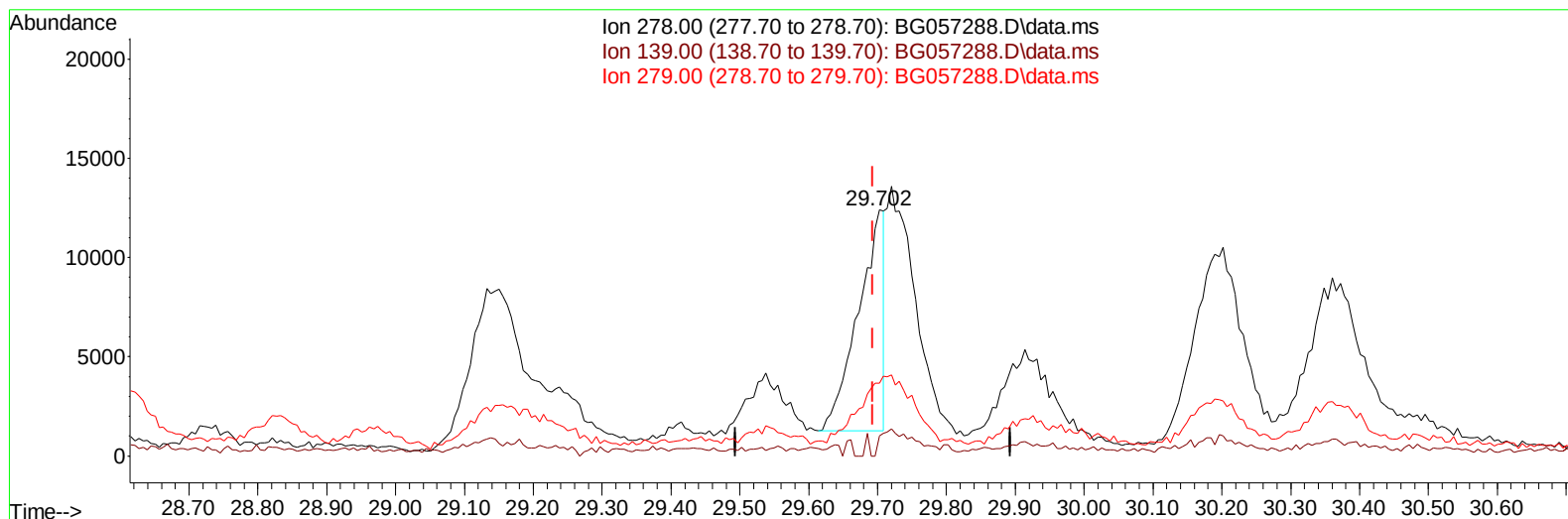
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057288.D
Acq On : 3 May 2023 15:54
Operator : CG/JU
Sample : 02419-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 04 02:53:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG057288.D\data.ms

(95) Dibenzo(a,h)anthracene

29.702min (+ 0.009) 5.26 ng/u1

response 29101

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	8.24
279.00	22.90	29.50#
0.00	0.00	0.00

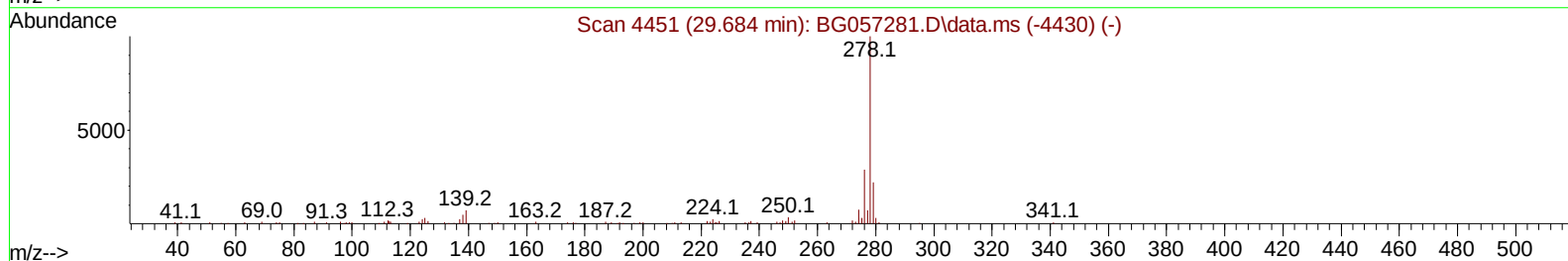
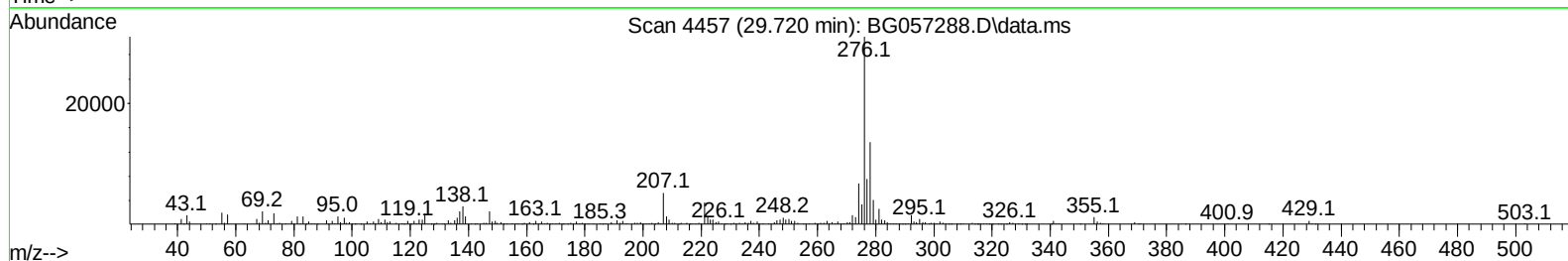
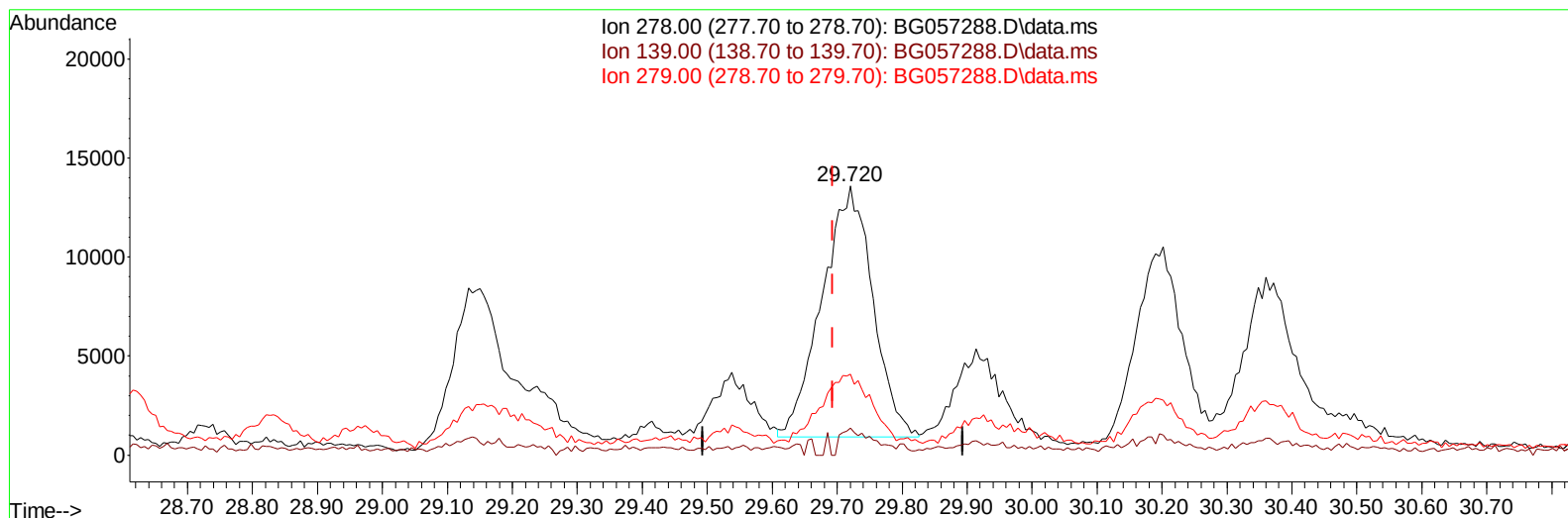
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057288.D
 Acq On : 3 May 2023 15:54
 Operator : CG/JU
 Sample : 02419-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 04 02:53:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BG057288.D\data.ms

(95) Dibenzo(a,h)anthracene

29.720min (+ 0.027) 12.36 ng/ul m

response 68442

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	10.00#
279.00	22.90	29.97#
0.00	0.00	0.00

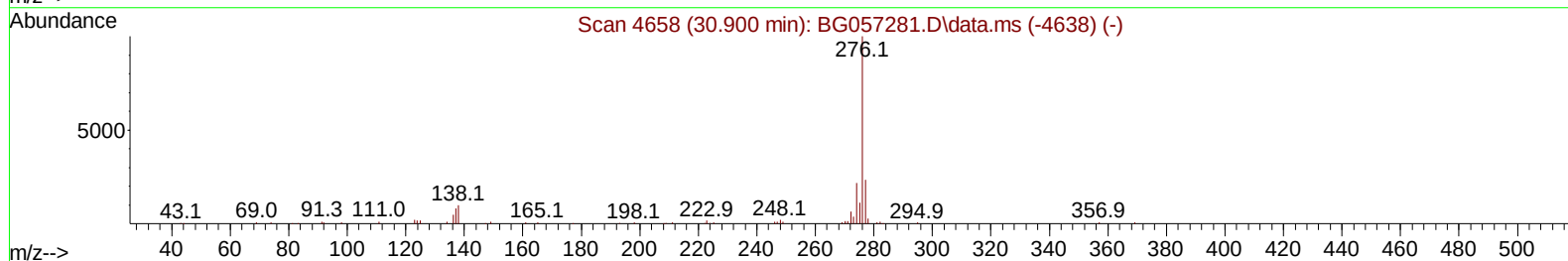
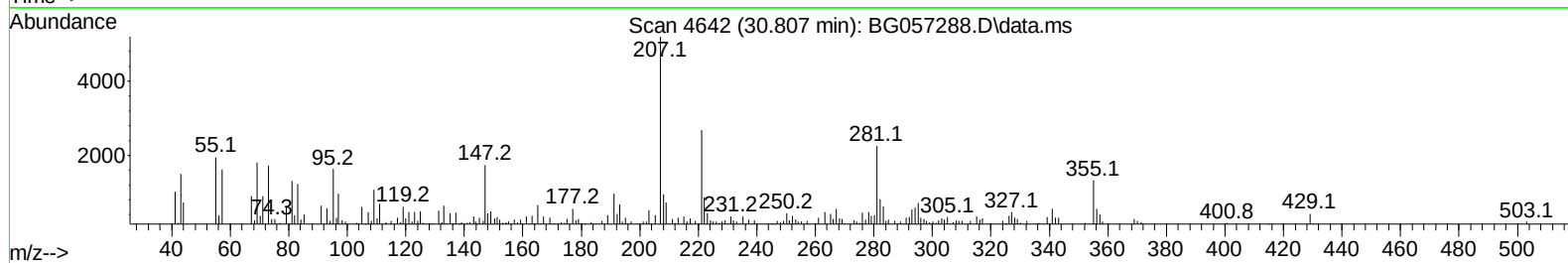
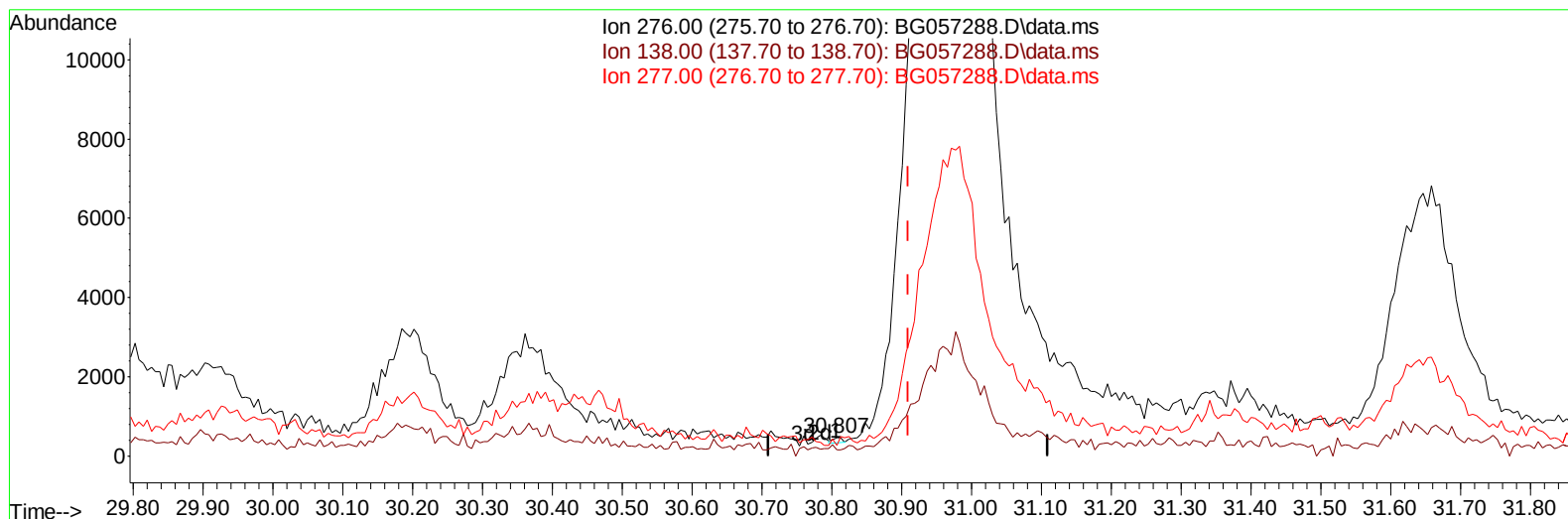
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057288.D
 Acq On : 3 May 2023 15:54
 Operator : CG/JU
 Sample : 02419-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW918

Manual IntegrationsAPPROVED

Quant Time: May 04 02:54:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BG057288.D\data.ms

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

30.807min (-0.103) 0.02 ng/u1

response 124

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	34.19#
277.00	23.00	58.49#
0.00	0.00	0.00

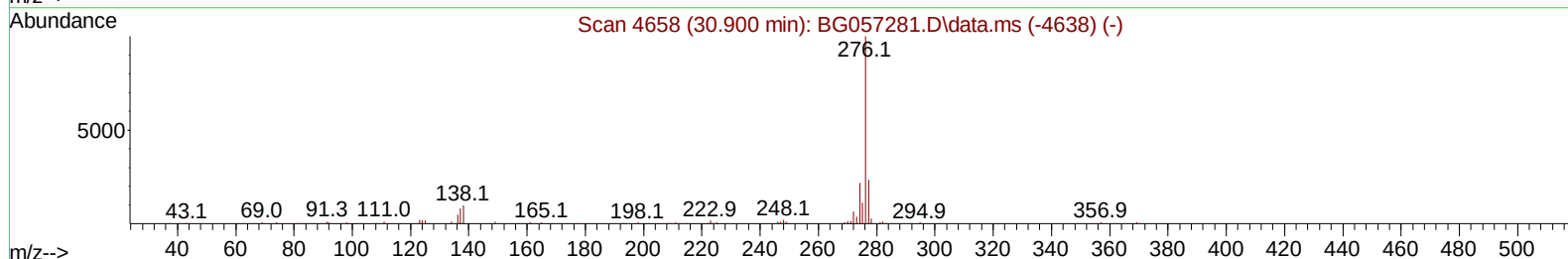
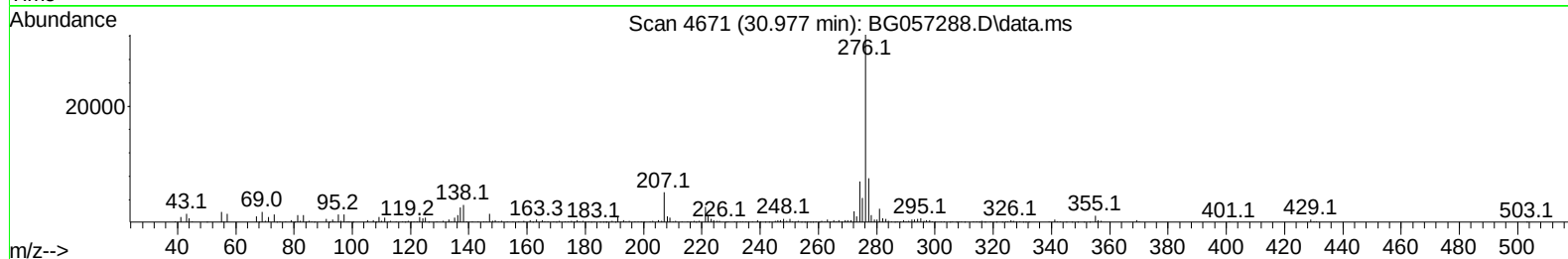
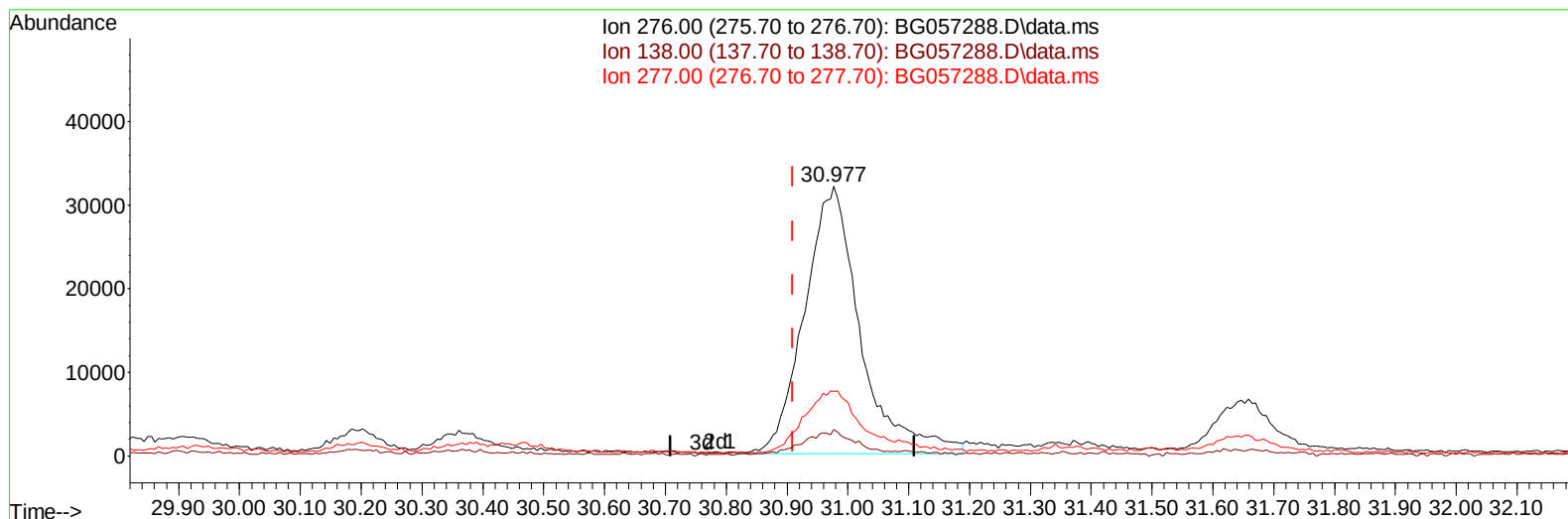
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057288.D
Acq On : 3 May 2023 15:54
Operator : CG/JU
Sample : 02419-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW918

Manual IntegrationsAPPROVED

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

Quant Time: May 04 02:54:17 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: BG057288.D\data.ms

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

30.977min (+ 0.068) 37.69 ng/ul m

response 203653

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.73
277.00	23.00	23.92
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057288.D
 Acq On : 3 May 2023 15:54
 Operator : CG/JU
 Sample : 02419-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 QLast Update : Mon May 01 12:45:38 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	15773	20.000	ng/ul	0.00
20) Naphthalene-d8	11.216	136	63593	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.993	164	47092	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	101597	20.000	ng/ul	0.00
79) Chrysene-d12	22.060	240	82180	20.000	ng/ul	0.00
88) Perylene-d12	25.590	264	89337	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	655m	1.827	ng/uL	0.00
4) Pyridine-d5	4.125	84	1900m	1.681	ng/ul	0.03
7) Phenol-d5	7.521	99	23163	15.528	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	12488	14.234	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132	16693	16.982	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	17421	15.366	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	8279	16.348	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143	9577	16.204	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	20262	17.770	ng/ul	0.00
31) 4-Chloroaniline-d4	11.351	131	10738	7.105	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	64354	17.246	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	73165	17.446	ng/ul	0.00
54) 4-Nitrophenol-d4	15.193	143	6412	11.805	ng/ul	0.01
60) Fluorene-d10	15.980	176	57798	16.627	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.103	200	3004	4.990	ng/ul	0.00
73) Anthracene-d10	17.836	188	85525	18.442	ng/ul	0.00
81) Pyrene-d10	20.104	212	92537	18.971	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.349	264	84619	18.592	ng/ul	0.03
Target Compounds						
					Qvalue	
16) Acetophenone	9.212	105	4901	2.512	ng/ul#	94
30) Naphthalene	11.269	128	5781	1.656	ng/ul#	94
36) 2-Methylnaphthalene	12.849	142	3151	1.231	ng/ul	97
37) 1-Methylnaphthalene	13.060	142	3048	1.184	ng/ul#	93
50) Acenaphthylene	14.729	152	7498m	1.759	ng/ul	
52) Acenaphthene	15.057	153	16792	5.530	ng/ul	98
56) Dibenzofuran	15.386	168	13061	2.979	ng/ul	96
61) Fluorene	16.033	166	20516	5.533	ng/ul	95
72) Phenanthrene	17.783	178	407374	76.998	ng/ul	99
74) Anthracene	17.871	178	86503	16.277	ng/ul	98
77) Carbazole	18.136	167	43312	9.752	ng/ul	98
80) Fluoranthene	19.775	202	834017	143.934	ng/ul#	96
82) Pyrene	20.139	202	720695	122.862	ng/ul#	96
83) Butylbenzylphthalate	20.979	149	2934	1.562	ng/ul#	86
85) Benzo(a)anthracene	22.036	228	422842	72.751	ng/ul	99
87) Chrysene	22.113	228	402559	73.412	ng/ul	94
90) Benzo(b)fluoranthene	24.474	252	560868	90.660	ng/ul	96
91) Benzo(k)fluoranthene	24.533	252	188389m	31.300	ng/ul	
93) Benzo(a)pyrene	25.432	252	394191m	73.805	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.685	276	252634	37.840	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.720	278	68442m	12.363	ng/ul	
96) Benzo(g,h,i)perylene	30.977	276	203653m	37.691	ng/ul	

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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