

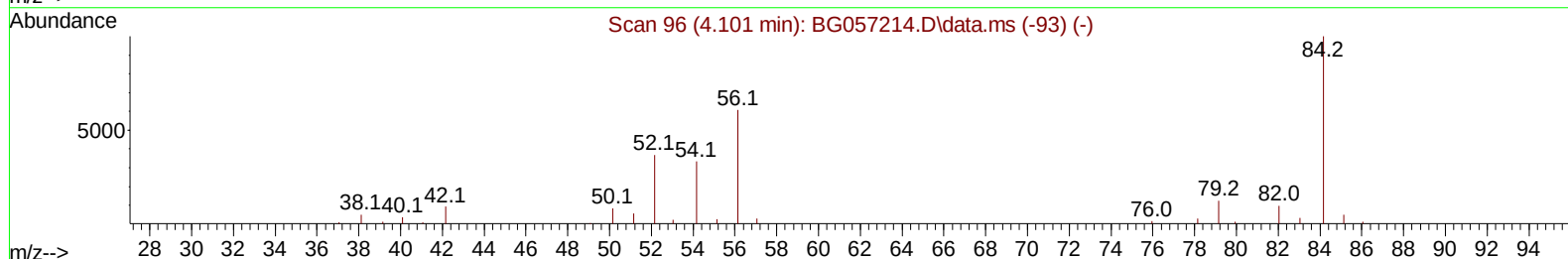
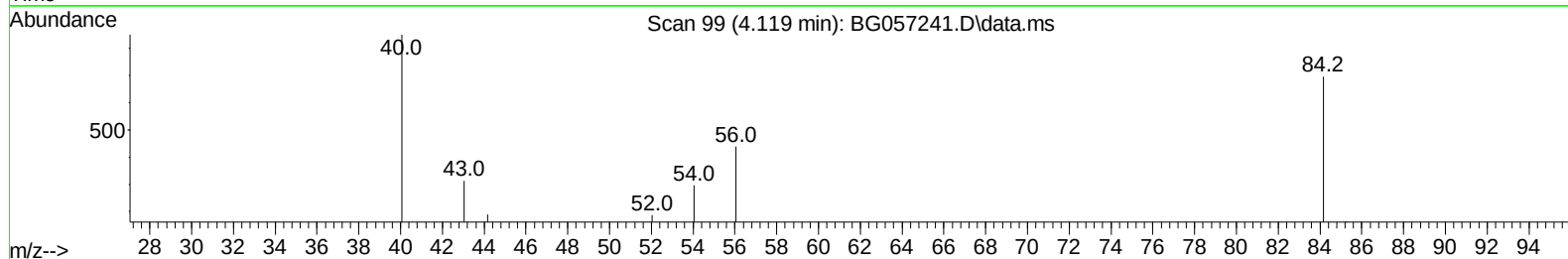
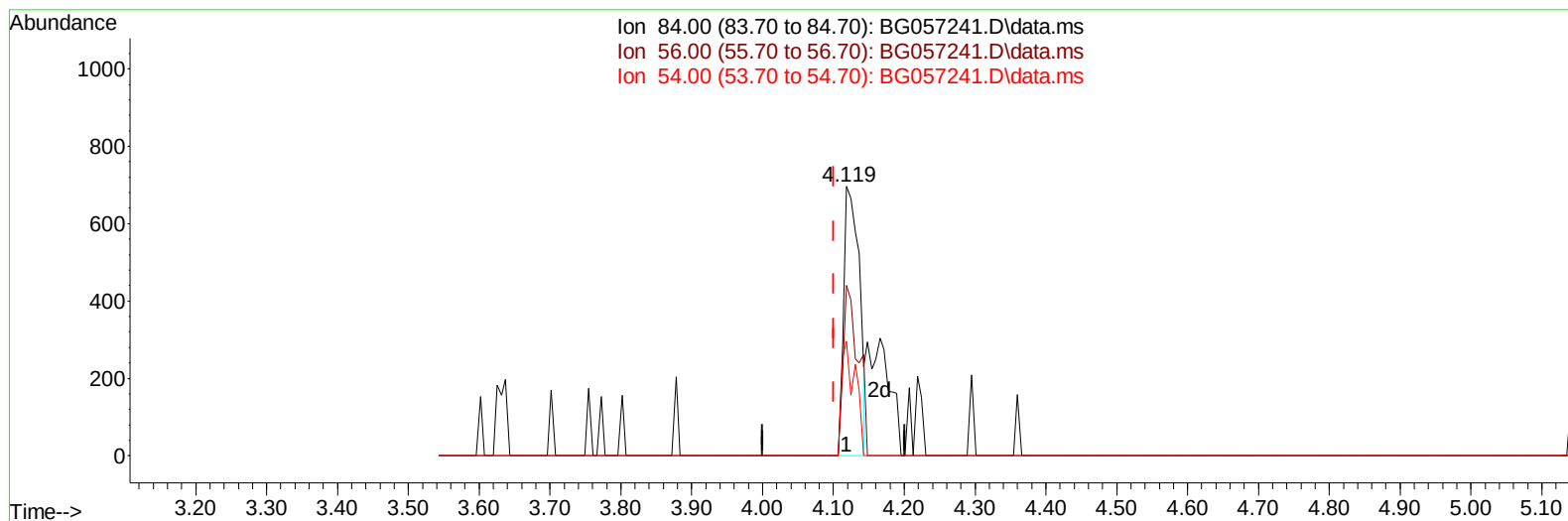
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057241.D
 Acq On : 29 Apr 2023 7:54
 Operator : CG/JU
 Sample : 02417-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8W8

Manual IntegrationsAPPROVED

Quant Time: May 01 00:29:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



TIC: BG057241.D\data.ms

(4) Pyridine-d5 (S)

4.119min (+ 0.018) 1.02 ng/u1

response 1050

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	60.80	63.22
54.00	33.30	42.53#
0.00	0.00	0.00

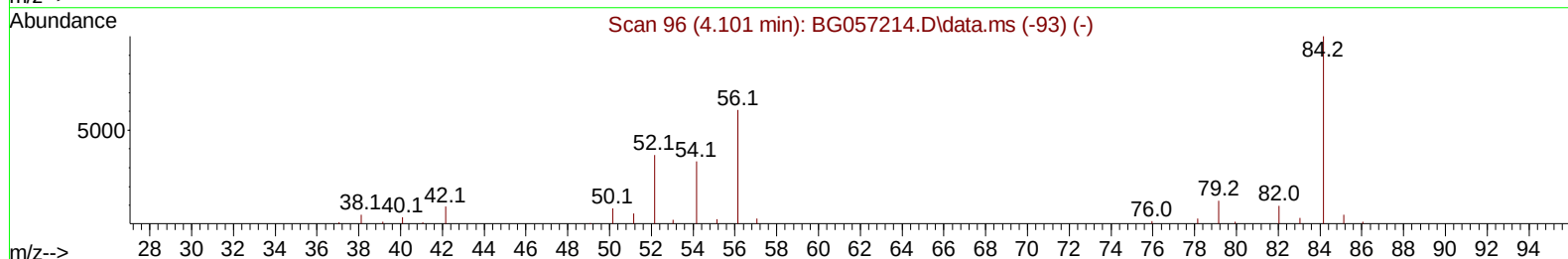
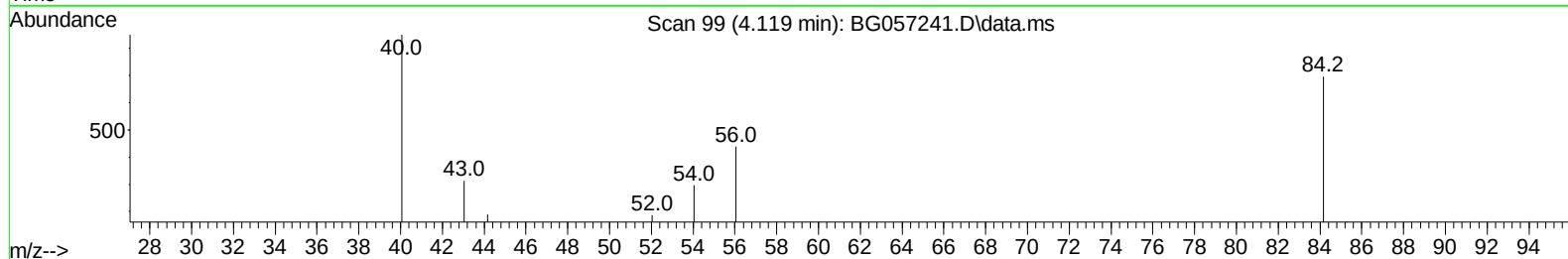
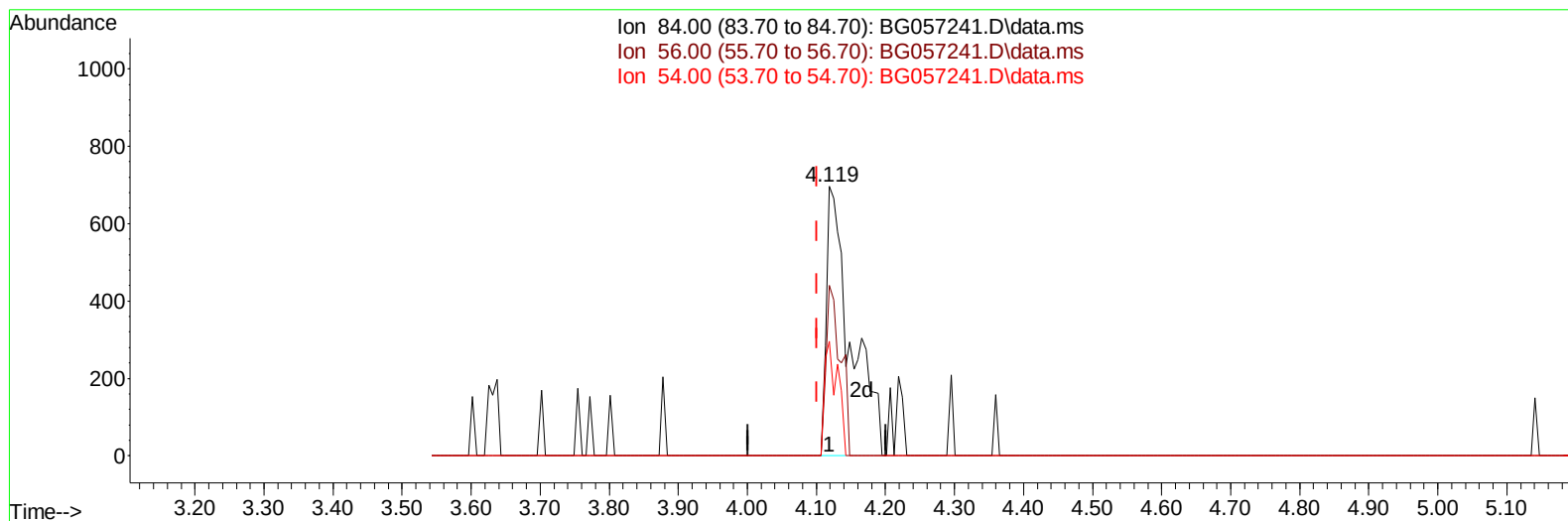
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
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Instrument :
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Manual IntegrationsAPPROVED

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 QLast Update : Fri Apr 28 23:37:02 2023
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TIC: BG057241.D\data.ms

(4) Pyridine-d5 (S)

4.119min (+ 0.018) 1.65 ng/ul m

response 1699

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	60.80	63.22
54.00	33.30	42.53#
0.00	0.00	0.00

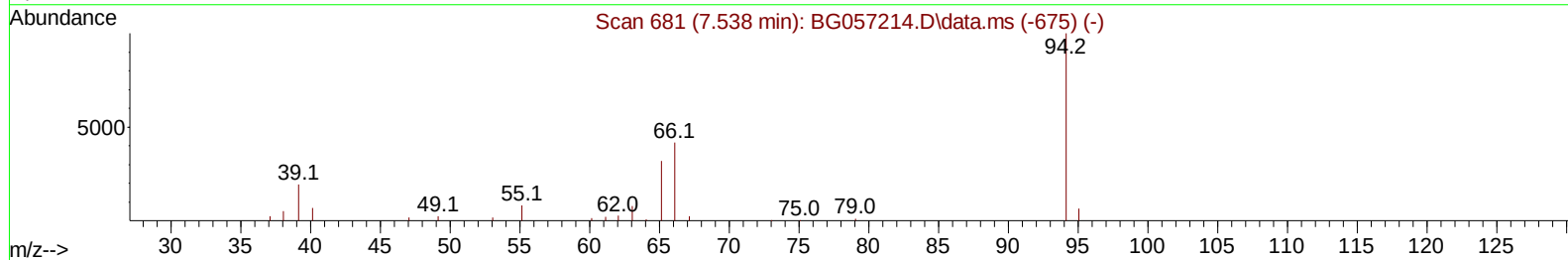
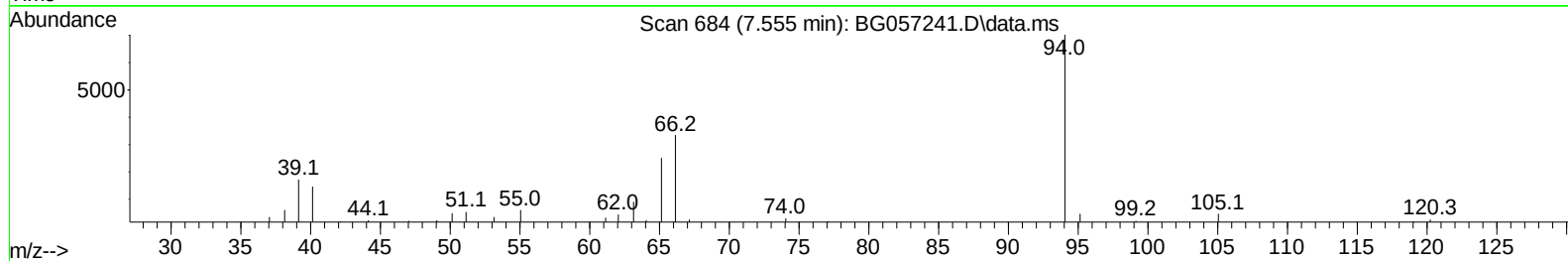
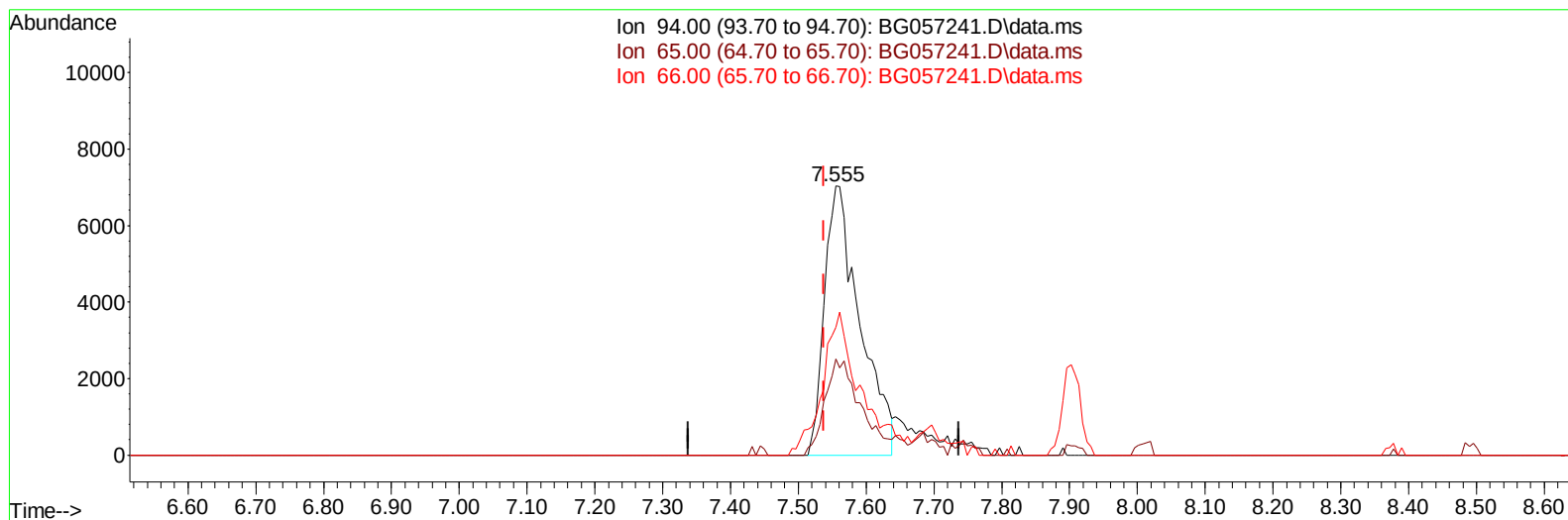
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057241.D
 Acq On : 29 Apr 2023 7:54
 Operator : CG/JU
 Sample : 02417-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 01 00:29:43 2023
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TIC: BG057241.D\data.ms

(8) Phenol

7.555min (+ 0.018) 18.66 ng/ul

response 25519

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	35.83
66.00	46.10	47.55
0.00	0.00	0.00

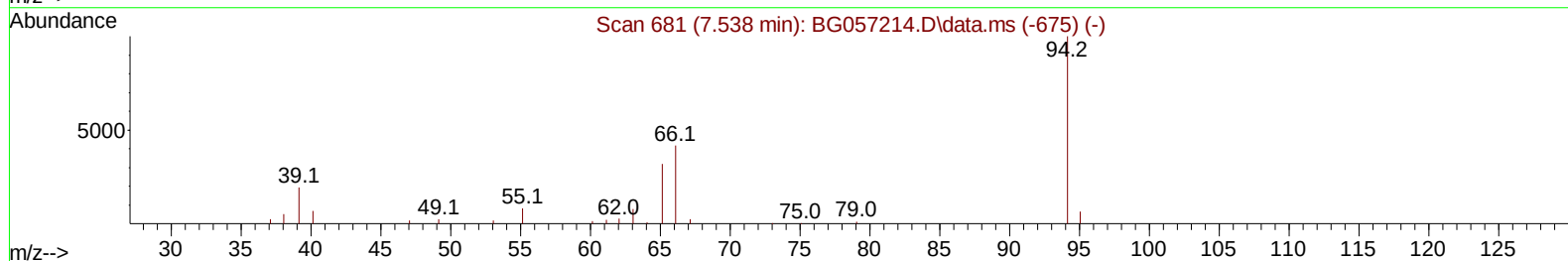
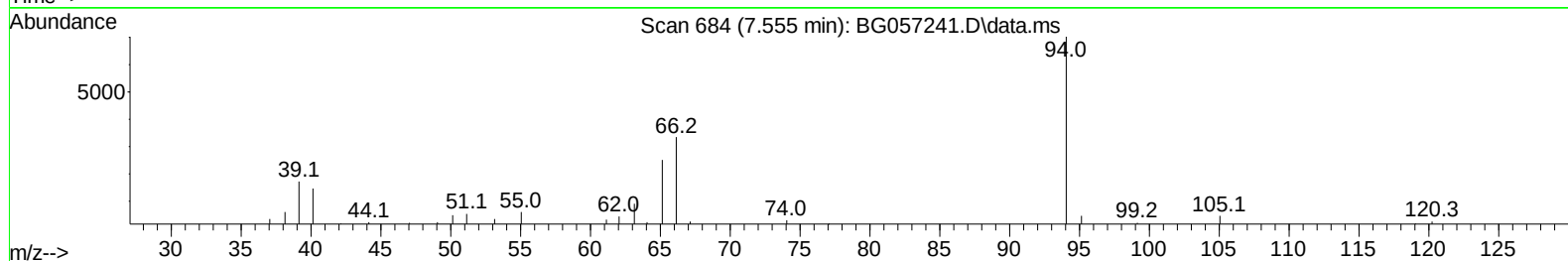
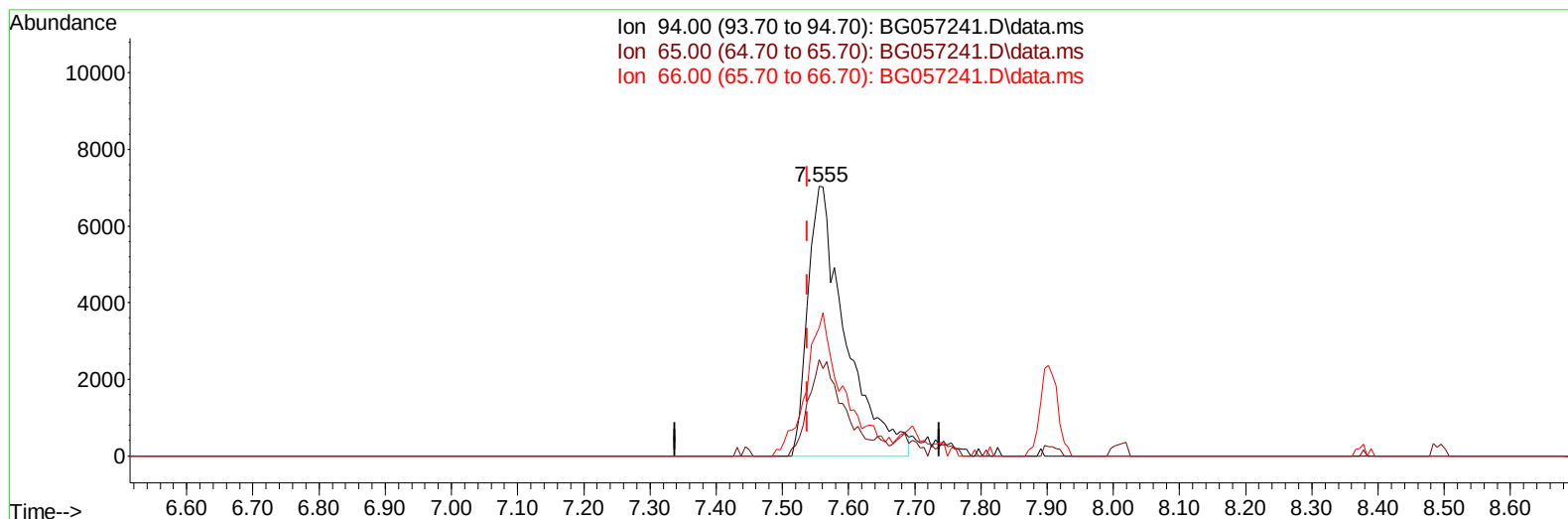
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057241.D
 Acq On : 29 Apr 2023 7:54
 Operator : CG/JU
 Sample : 02417-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 01 00:29:43 2023
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TIC: BG057241.D\data.ms

(8) Phenol

7.555min (+ 0.018) 20.32 ng/ul m

response 27781

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	35.83
66.00	46.10	47.55
0.00	0.00	0.00

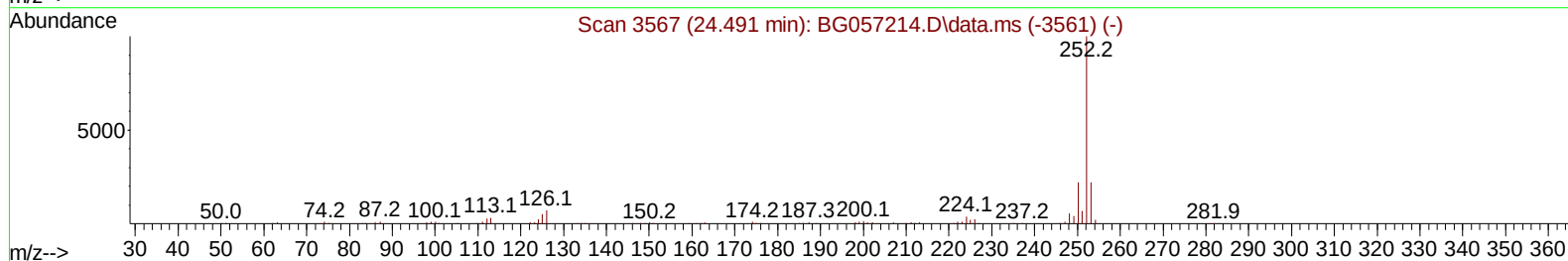
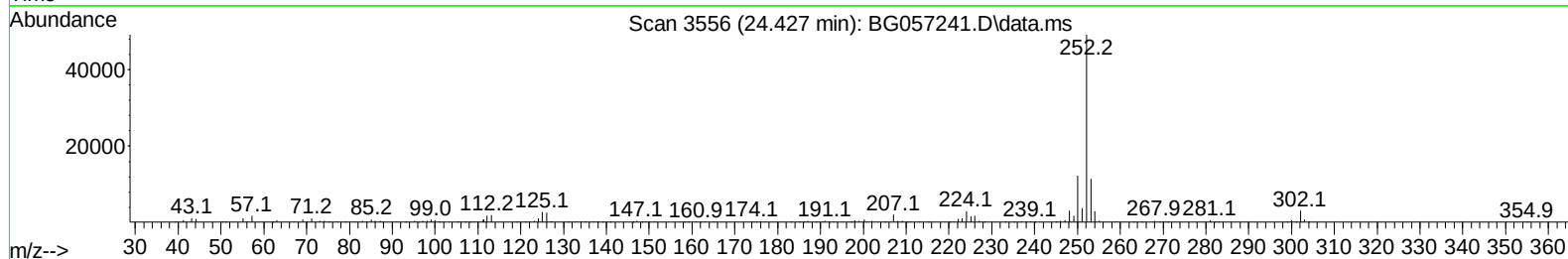
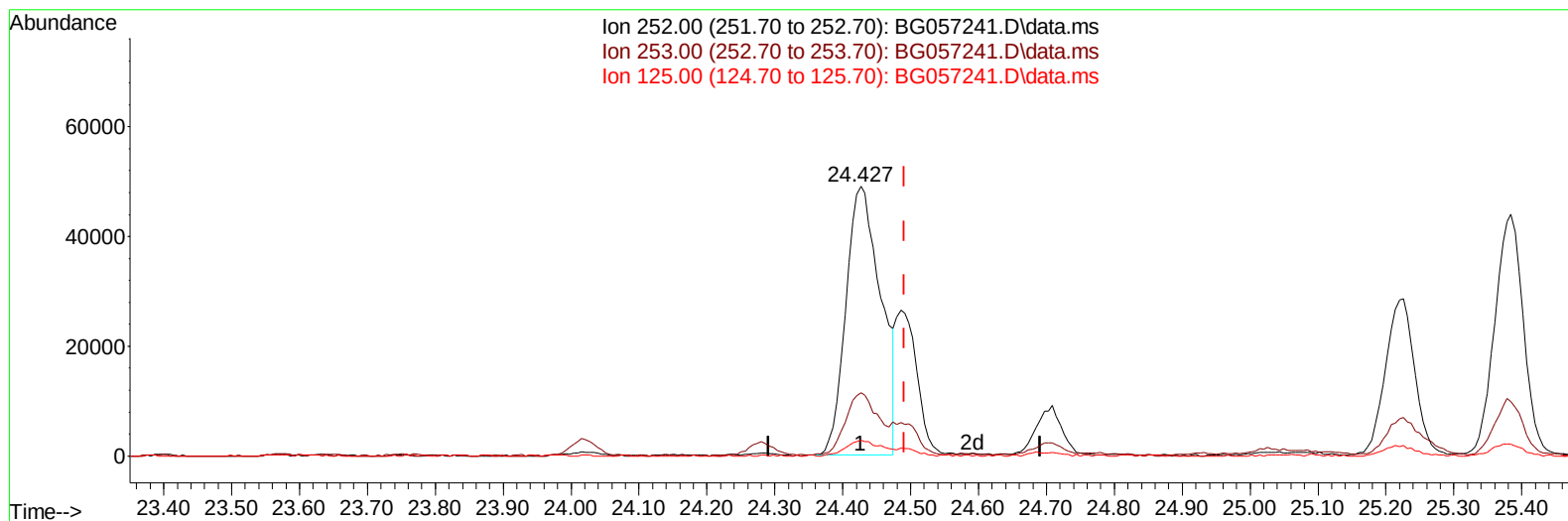
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057241.D
 Acq On : 29 Apr 2023 7:54
 Operator : CG/JU
 Sample : 02417-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8W8

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
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Quant Time: May 01 00:45:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration



TIC: BG057241.D\data.ms

(91) Benzo(k)fluoranthene

24.427min (-0.065) 24.30 ng/u1

response 175191

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.45
125.00	5.60	5.69
0.00	0.00	0.00

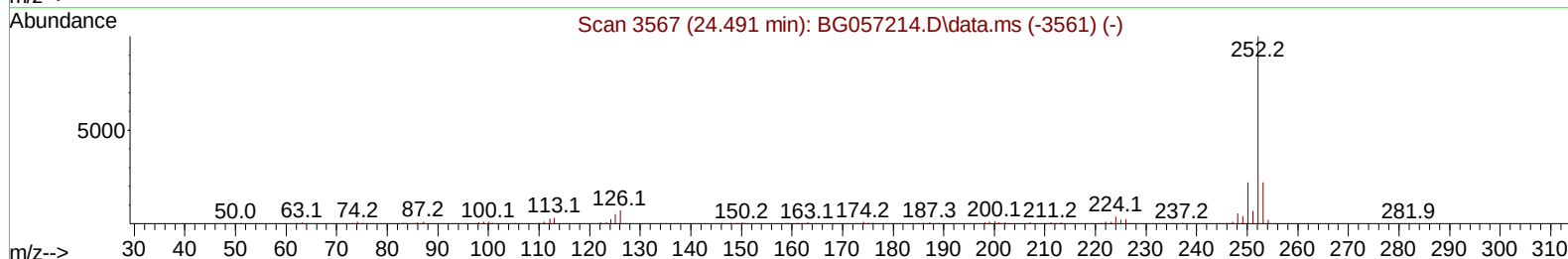
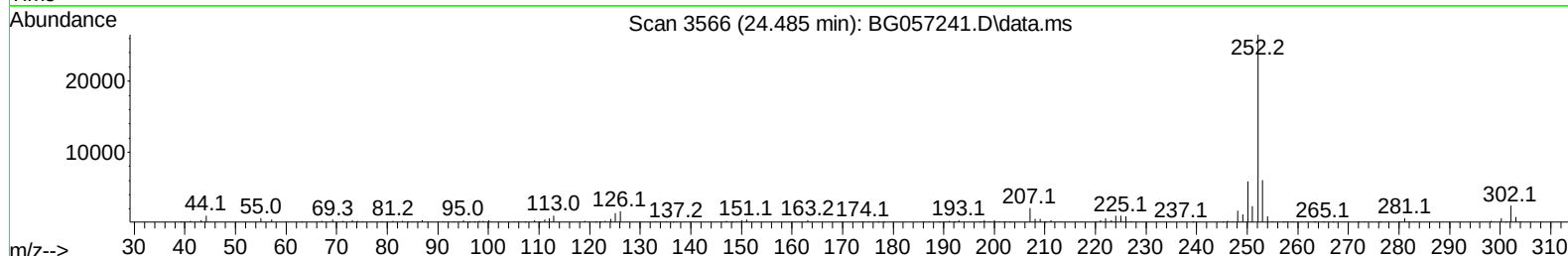
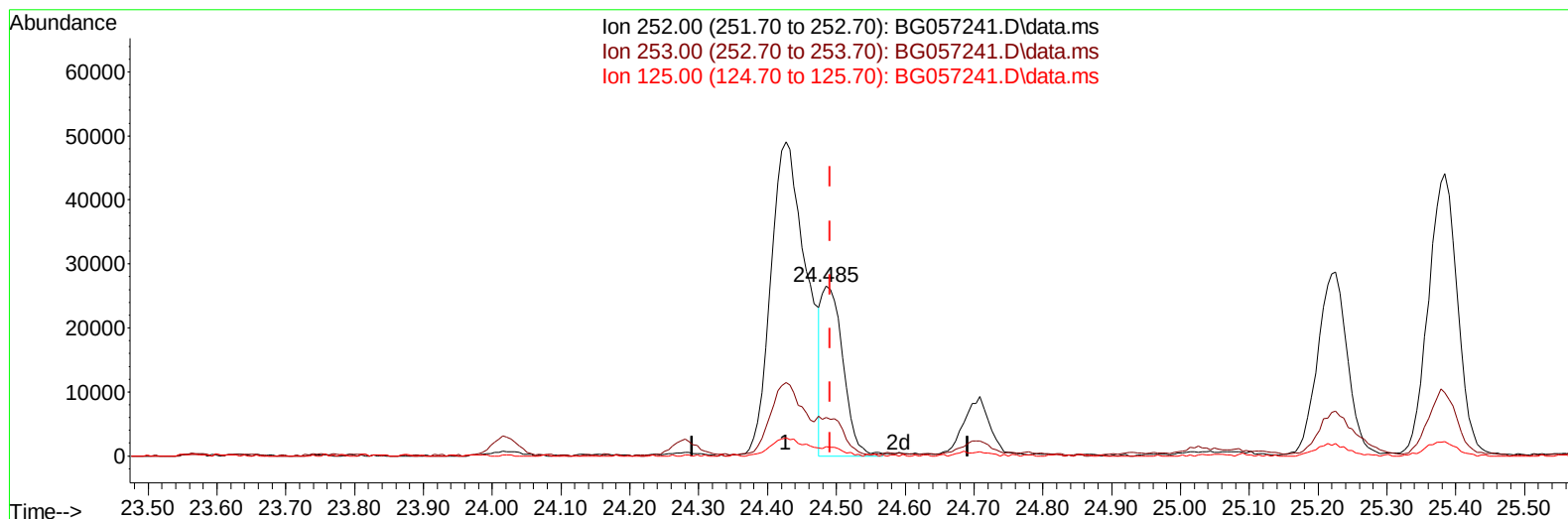
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057241.D
 Acq On : 29 Apr 2023 7:54
 Operator : CG/JU
 Sample : 02417-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8W8

Manual IntegrationsAPPROVED

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Quant Time: May 01 00:45:04 2023
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BG057241.D\data.ms

(91) Benzo(k)fluoranthene

24.485min (-0.006) 8.04 ng/ul m

response 57958

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.75
125.00	5.60	5.40
0.00	0.00	0.00

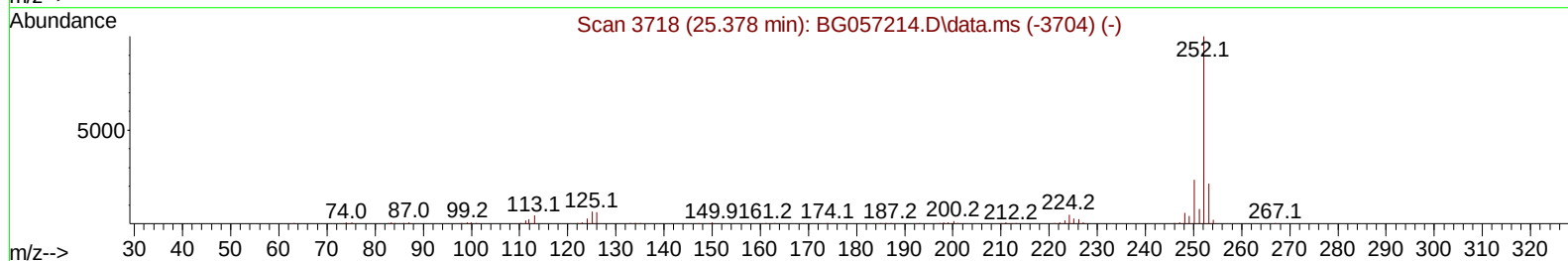
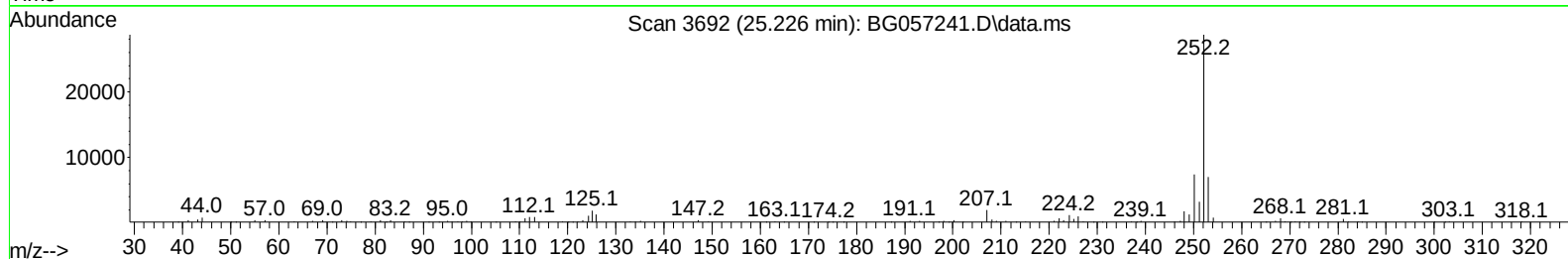
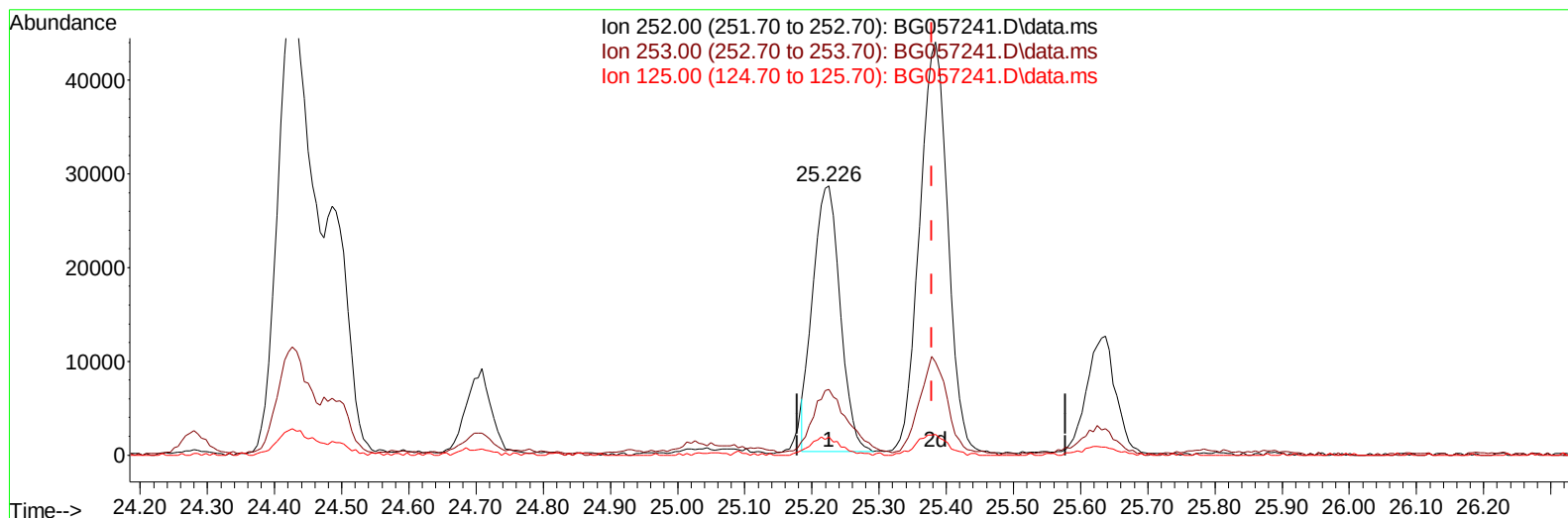
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057241.D
 Acq On : 29 Apr 2023 7:54
 Operator : CG/JU
 Sample : 02417-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8W8

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
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Quant Time: May 01 00:45:04 2023
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 Response via : Initial Calibration



TIC: BG057241.D\data.ms

(93) Benzo(a)pyrene (C)

25.226min (-0.153) 12.52 ng/u1

response 80116

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	24.37
125.00	6.40	6.70
0.00	0.00	0.00

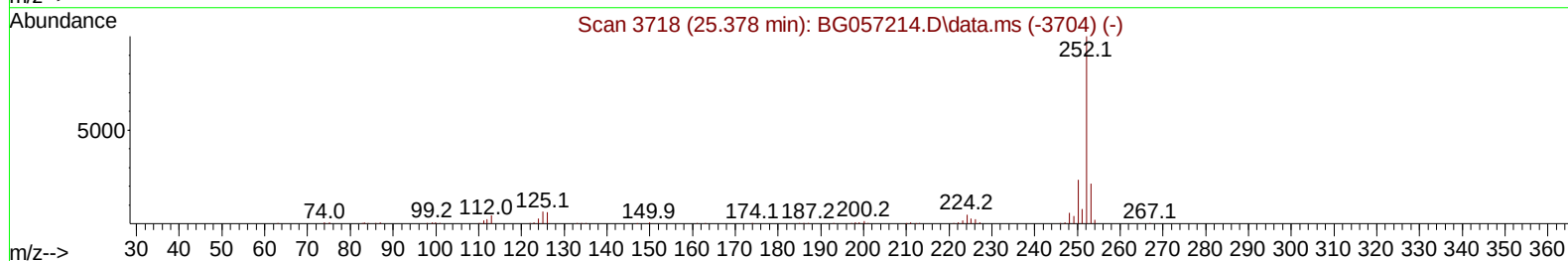
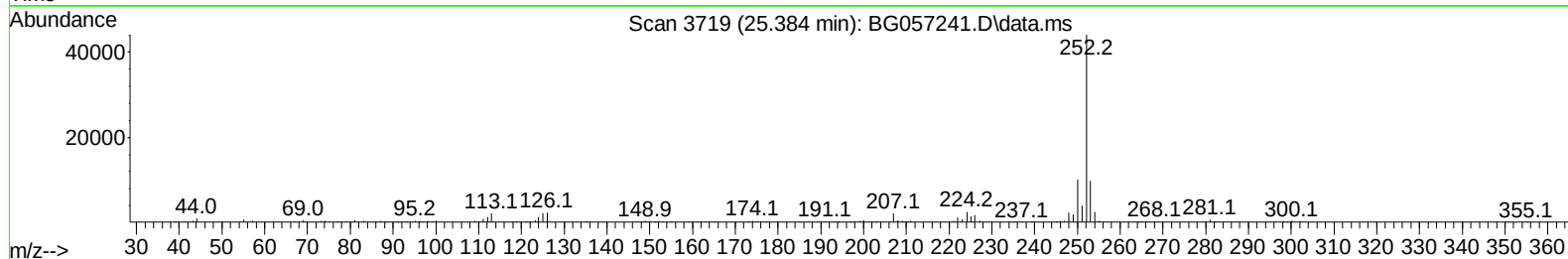
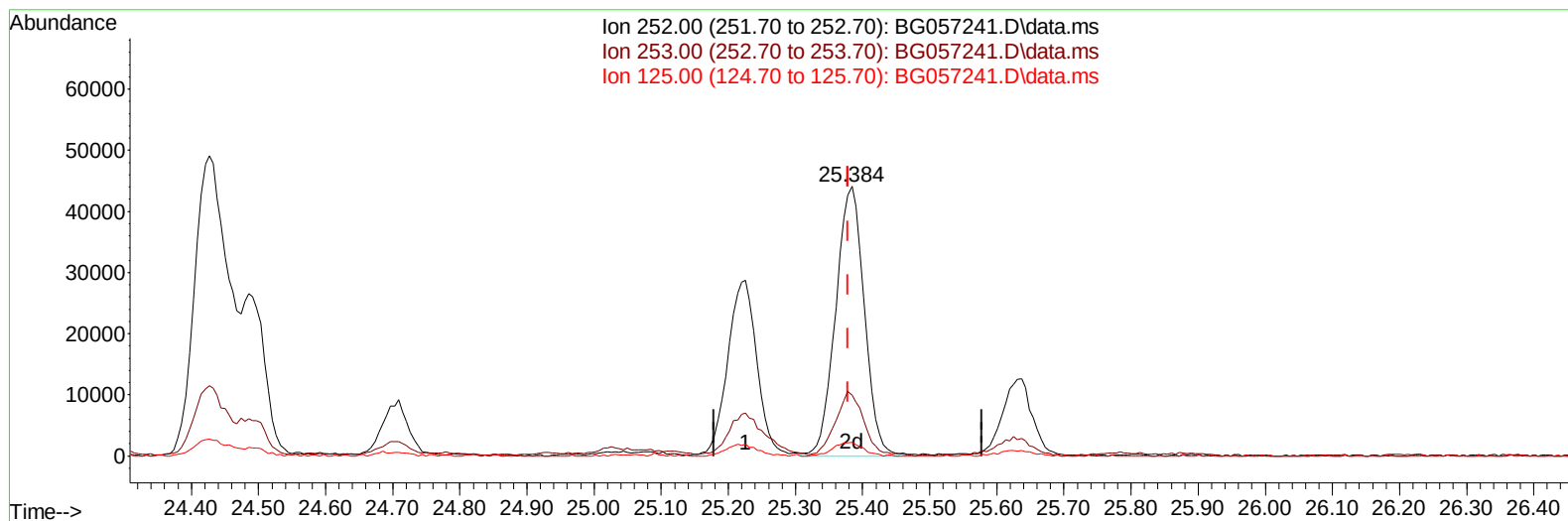
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8W8

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:45:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration



TIC: BG057241.D\data.ms

(93) Benzo(a)pyrene (C)

25.384min (+ 0.006) 20.36 ng/ul m

response 130269

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	22.44
125.00	6.40	5.00#
0.00	0.00	0.00

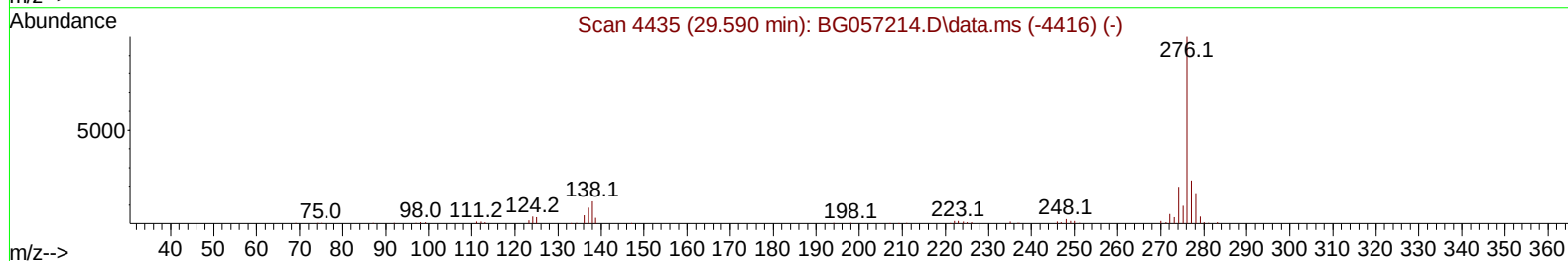
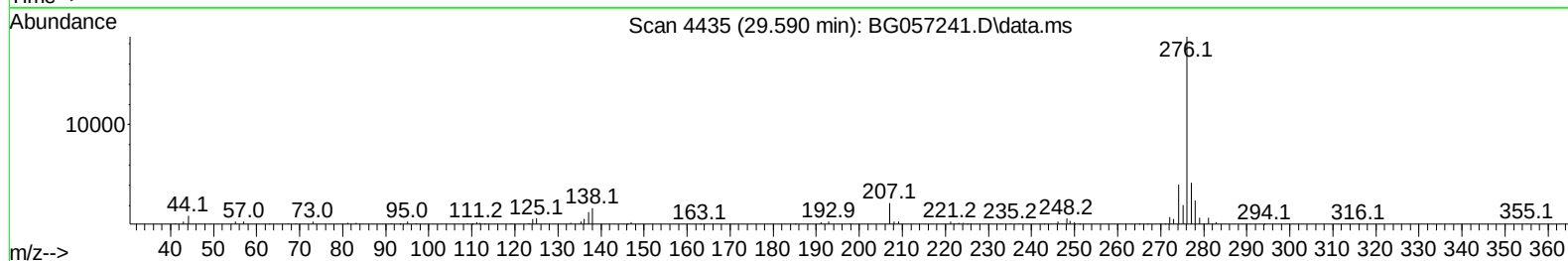
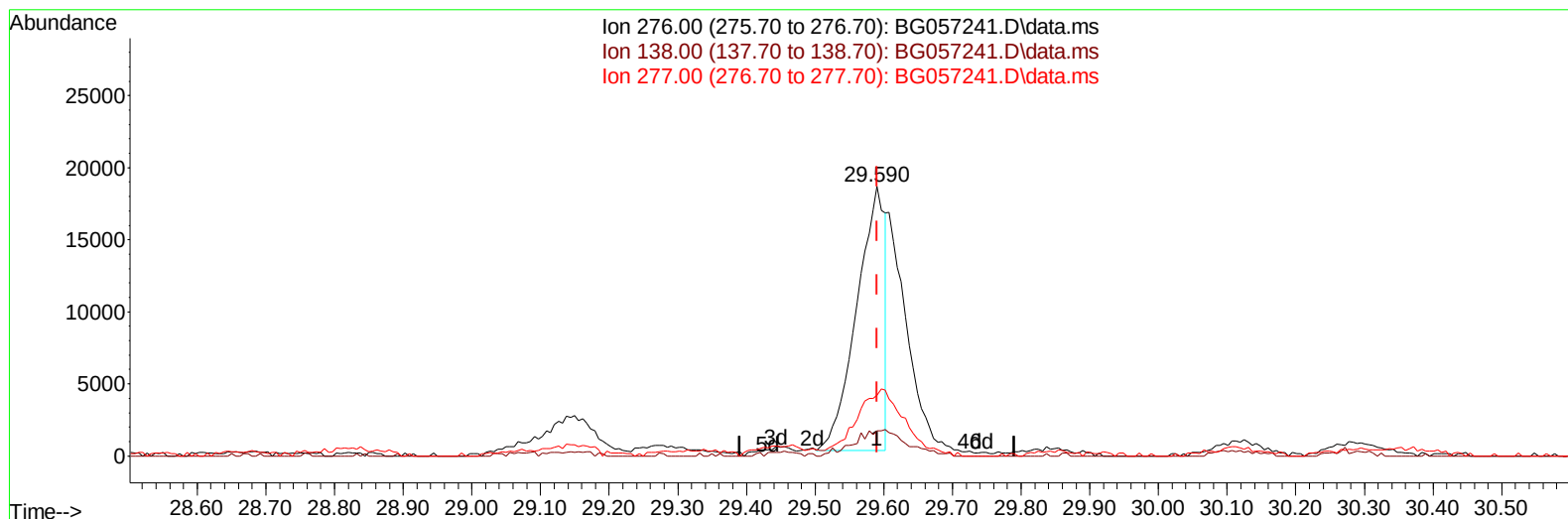
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8W8

Manual IntegrationsAPPROVED

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TIC: BG057241.D\data.ms

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

29.590min (+ 0.000) 6.51 ng/u1

response 52066

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	9.36#
277.00	23.30	22.52
0.00	0.00	0.00

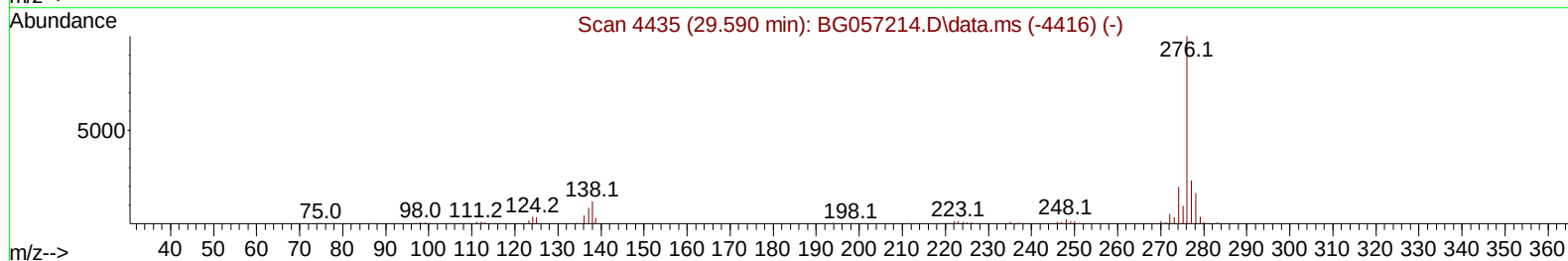
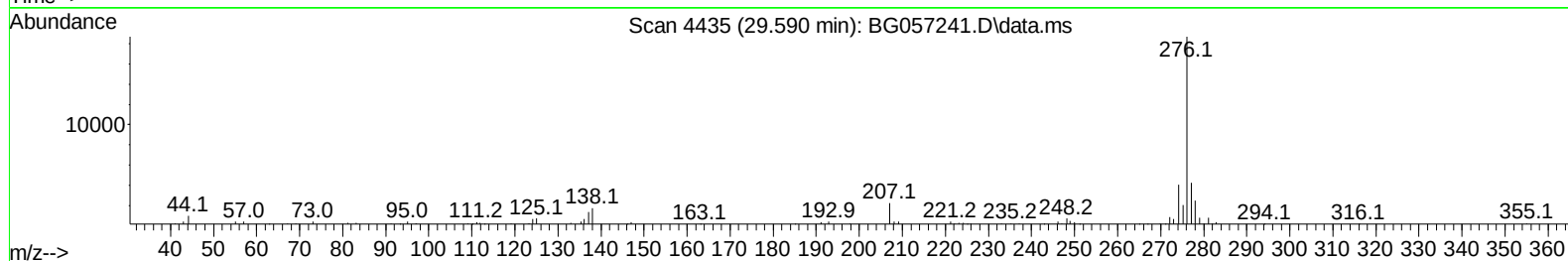
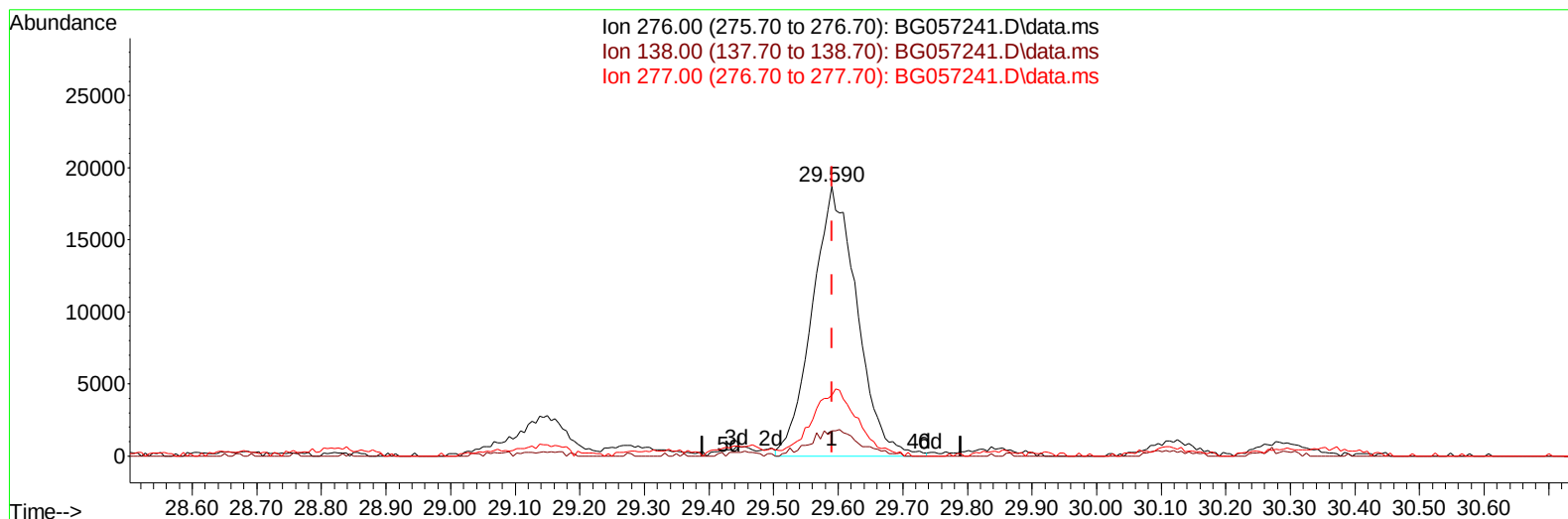
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8W8

Manual IntegrationsAPPROVED

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Quant Time: May 01 00:45:04 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration



TIC: BG057241.D\data.ms

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

29.590min (+ 0.000) 11.18 ng/ul m

response 89449

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	9.36#
277.00	23.30	22.52
0.00	0.00	0.00

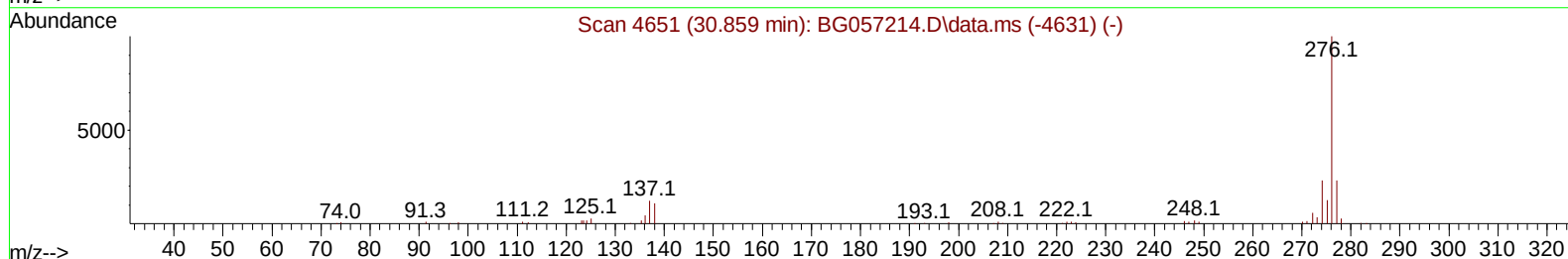
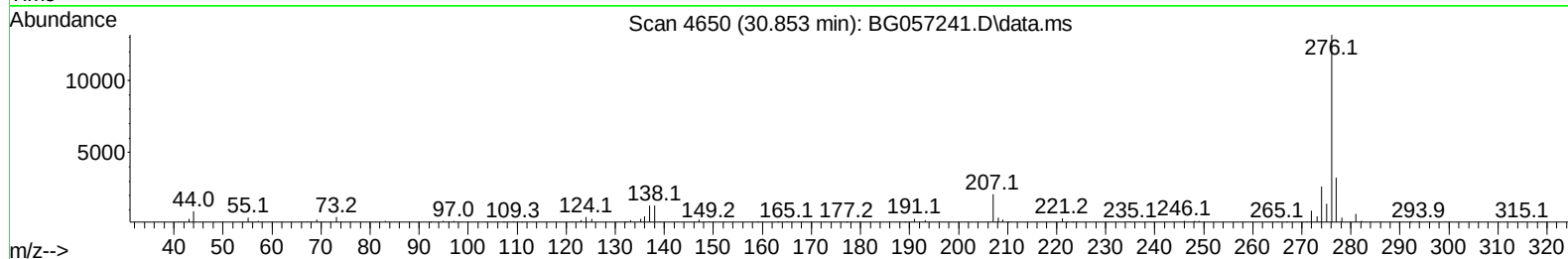
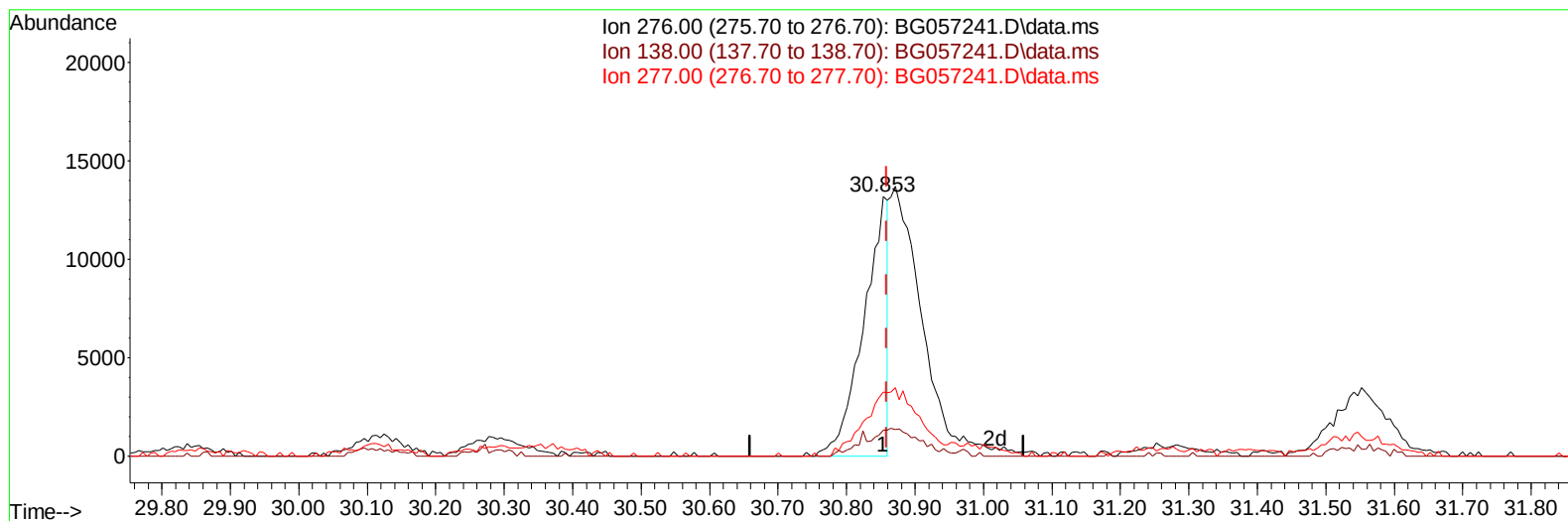
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8W8

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:46:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration



TIC: BG057241.D\data.ms

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

30.853min (-0.006) 5.01 ng/u1

response 32445

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.99
277.00	23.00	24.67
0.00	0.00	0.00

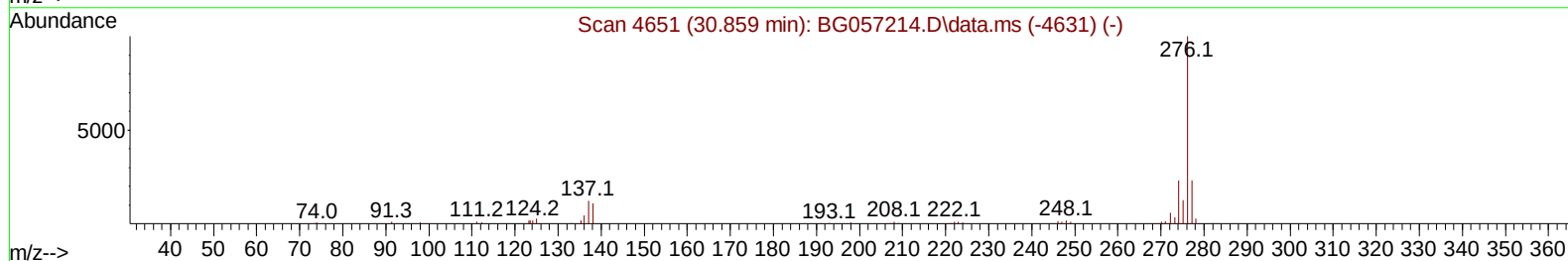
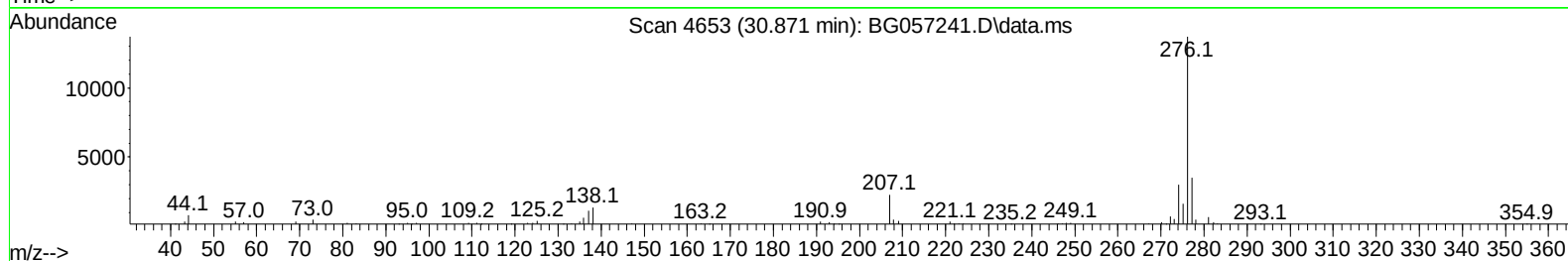
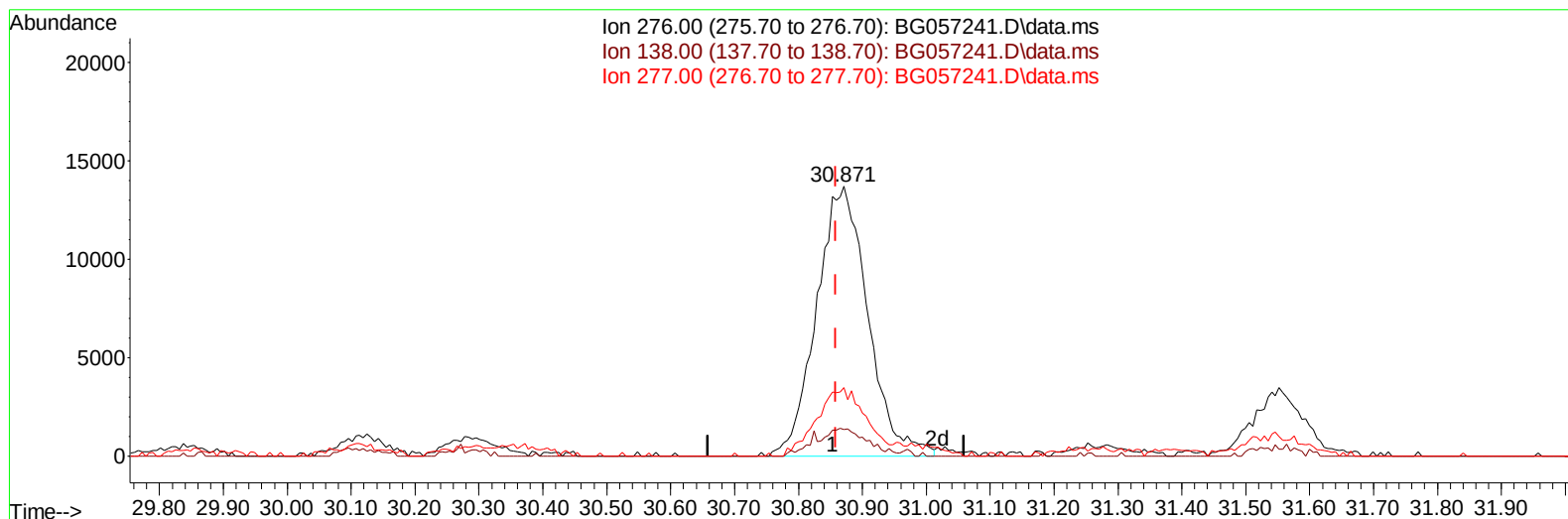
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8W8

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:46:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration



TIC: BG057241.D\data.ms

(96) Benzo(g,h,i)perylene**30.871min (+ 0.012) 11.78 ng/ul m****response 76247**

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.88
277.00	23.00	25.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057241.D
 Acq On : 29 Apr 2023 7:54
 Operator : CG/JU
 Sample : 02417-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8W8

Manual IntegrationsAPPROVED

Quant Time: May 01 00:47:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	14344	20.000	ng/ul	0.00
20) Naphthalene-d8	11.215	136	58362	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.986	164	47740	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	112905	20.000	ng/ul	0.00
79) Chrysene-d12	22.036	240	101238	20.000	ng/ul	0.00
88) Perylene-d12	25.543	264	107018	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	575	1.764	ng/uL	0.00
4) Pyridine-d5	4.119	84	1699m	1.653	ng/ul	0.02
7) Phenol-d5	7.514	99	16887	12.449	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	10358	12.982	ng/ul	0.00
11) 2-Chlorophenol-d4	7.902	132	12122	13.560	ng/ul	0.00
15) 4-Methylphenol-d8	9.077	113	12579	12.201	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	6766	14.558	ng/ul	0.00
24) 2-Nitrophenol-d4	10.281	143	7846	14.465	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.827	165	15059	14.390	ng/ul	0.00
31) 4-Chloroaniline-d4	11.344	131	7204	5.194	ng/ul	0.00
46) Dimethylphthalate-d6	14.370	166	55044	14.551	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	61856	14.549	ng/ul	0.00
54) 4-Nitrophenol-d4	15.180	143	5742	10.428	ng/ul	0.01
60) Fluorene-d10	15.973	176	51266	14.548	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	8429	12.600	ng/ul	0.00
73) Anthracene-d10	17.824	188	80746	15.668	ng/ul	0.00
81) Pyrene-d10	20.091	212	99190	16.507	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.302	264	89810	16.472	ng/ul	0.00
Target Compounds						
						Qvalue
8) Phenol	7.555	94	27781m	20.319	ng/ul	
16) Acetophenone	9.194	105	7274	4.100	ng/ul#	70
30) Naphthalene	11.268	128	26948	8.410	ng/ul	99
36) 2-Methylnaphthalene	12.836	142	8147	3.467	ng/ul	99
37) 1-Methylnaphthalene	13.060	142	5739	2.429	ng/ul#	87
52) Acenaphthene	15.051	153	9831	3.194	ng/ul	96
56) Dibenzofuran	15.380	168	11256	2.532	ng/ul	94
61) Fluorene	16.026	166	12387	3.295	ng/ul	96
72) Phenanthrene	17.771	178	201511	34.273	ng/ul	99
74) Anthracene	17.859	178	47345	8.016	ng/ul	98
77) Carbazole	18.123	167	21432	4.342	ng/ul	98
80) Fluoranthene	19.762	202	311361	43.619	ng/ul	96
82) Pyrene	20.121	202	269164	37.248	ng/ul#	97
85) Benzo(a)anthracene	22.012	228	143091	19.985	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.860	149	8228	2.445	ng/ul	92
87) Chrysene	22.089	228	130125	19.263	ng/ul	96
90) Benzo(b)fluoranthene	24.427	252	175191	23.640	ng/ul	96
91) Benzo(k)fluoranthene	24.485	252	57958m	8.039	ng/ul	
93) Benzo(a)pyrene	25.384	252	130269m	20.361	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.590	276	89449m	11.184	ng/ul	
95) Dibenzo(a,h)anthracene	29.625	278	22753	3.431	ng/ul#	85
96) Benzo(g,h,i)perylene	30.871	276	76247m	11.780	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057241.D
 Acq On : 29 Apr 2023 7:54
 Operator : CG/JU
 Sample : 02417-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8W8

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:47:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
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