

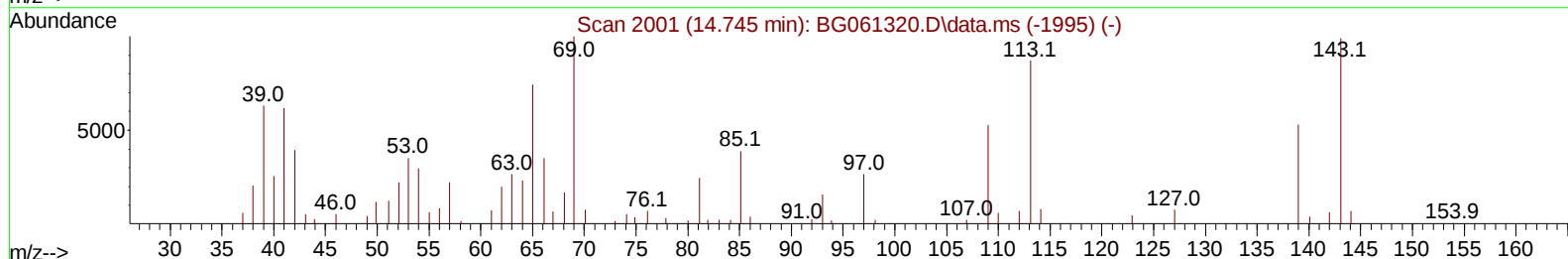
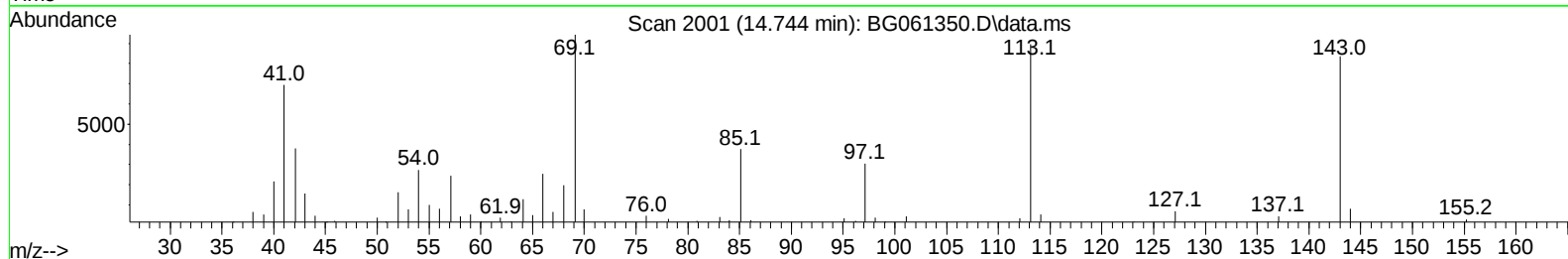
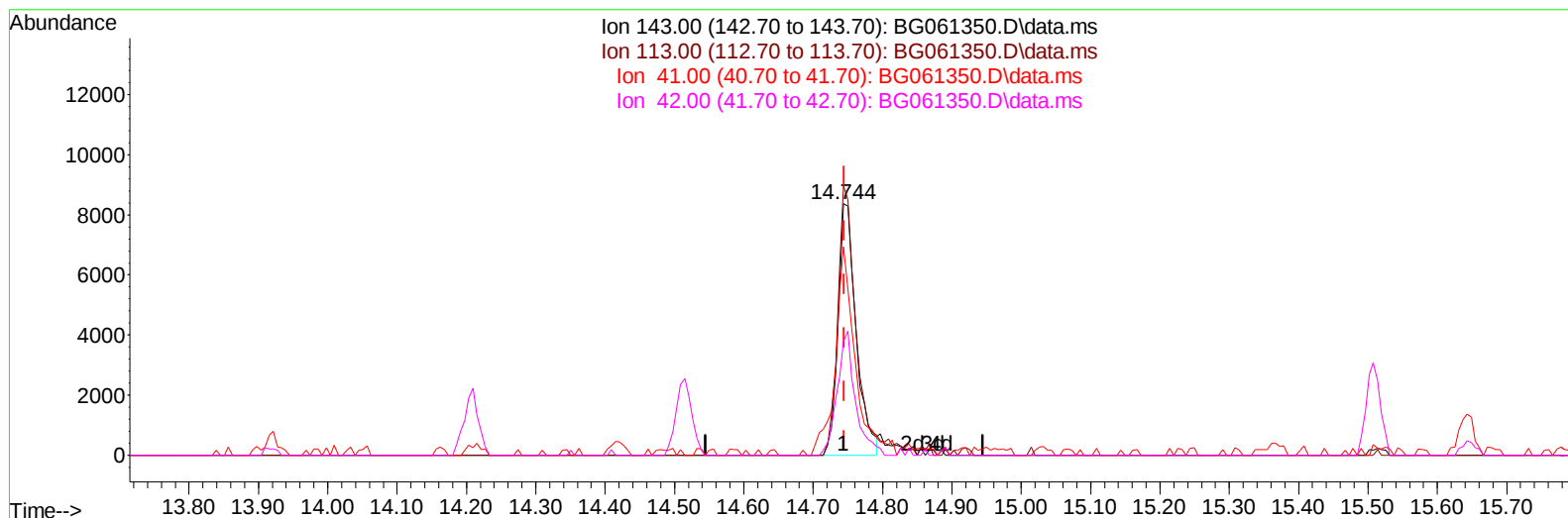
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061350.D
Acq On : 30 May 2024 6:21
Operator : MA/JU
Sample : P2571-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH660

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 07:02:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



TIC: BG061350.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.744min (-0.001) 17.38 ng/ul

response 15145

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	107.04
41.00	77.10	82.81
42.00	49.50	45.40

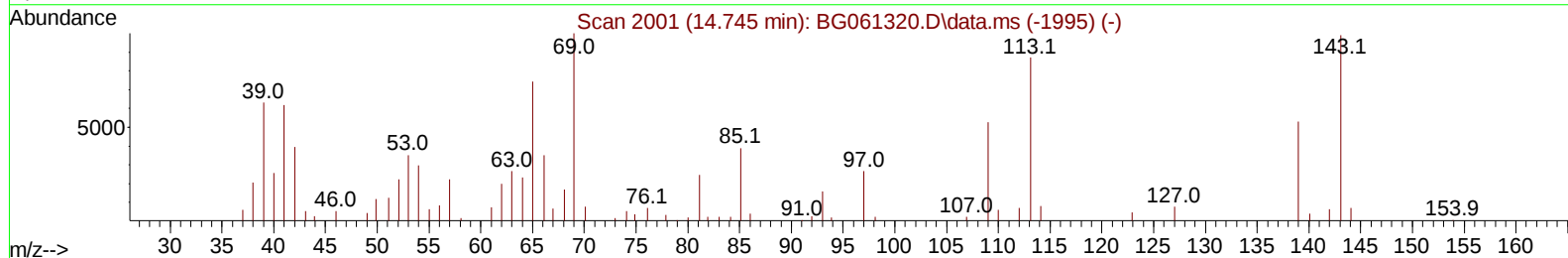
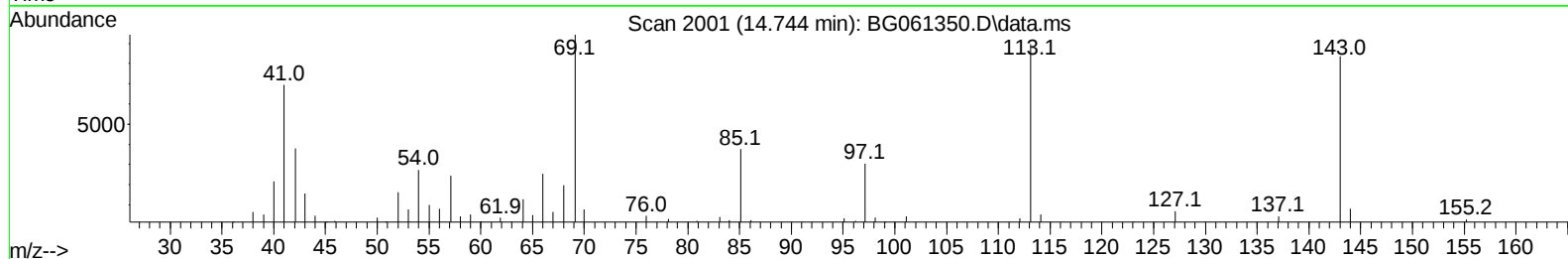
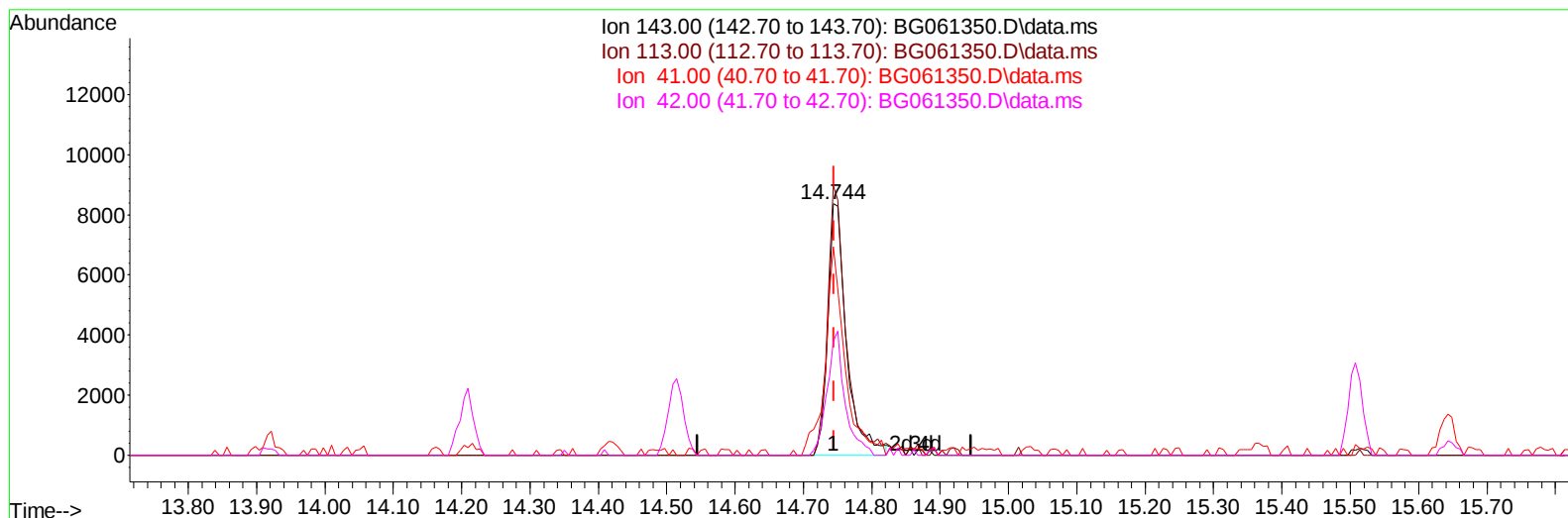
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061350.D
Acq On : 30 May 2024 6:21
Operator : MA/JU
Sample : P2571-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH660

Manual IntegrationsAPPROVED

Quant Time: May 30 07:02:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061350.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.744min (-0.001) 18.20 ng/ul m

response 15854

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	107.04
41.00	77.10	82.81
42.00	49.50	45.40

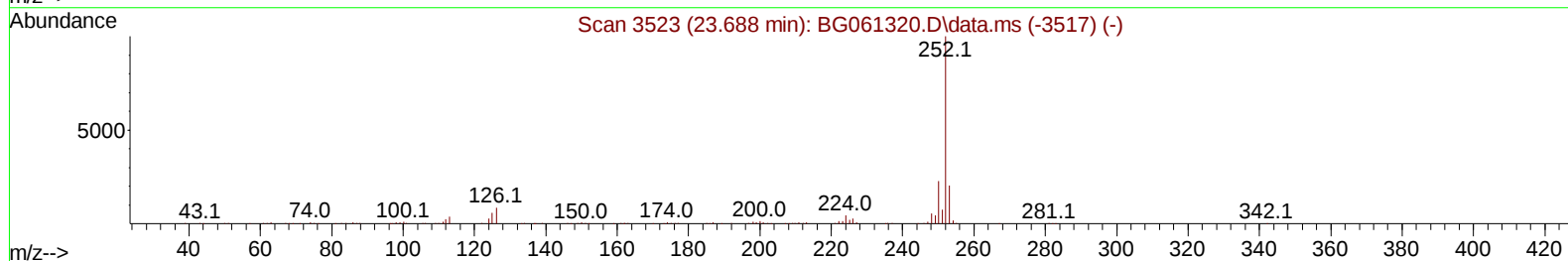
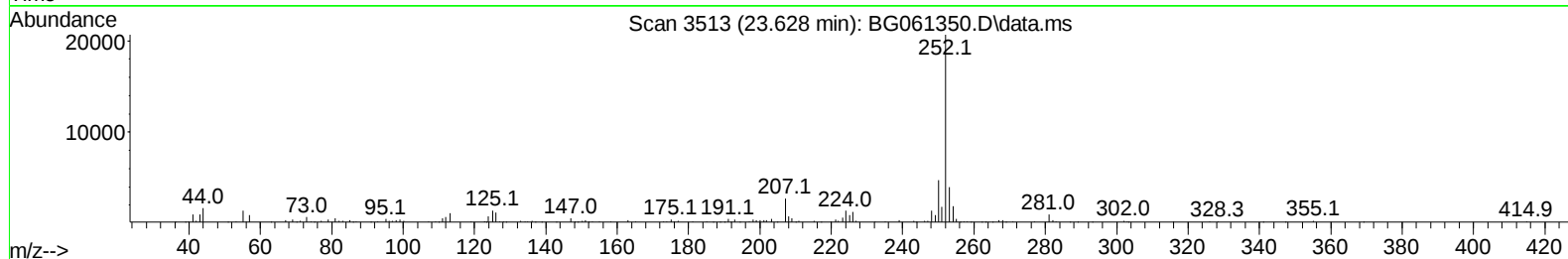
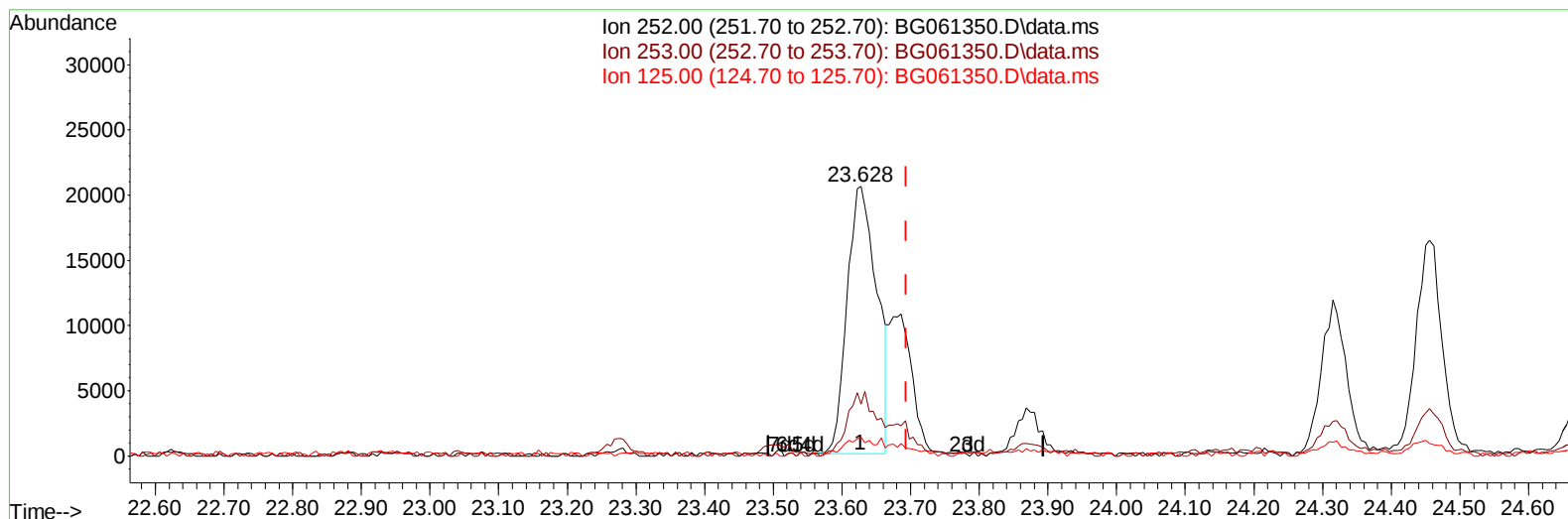
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061350.D
Acq On : 30 May 2024 6:21
Operator : MA/JU
Sample : P2571-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH660

Manual IntegrationsAPPROVED

Quant Time: May 30 07:03:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061350.D\data.ms

(91) Benzo(k)fluoranthene

23.628min (-0.066) 4.35 ng/u1

response 61307

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	19.23
125.00	5.40	6.92#
0.00	0.00	0.00

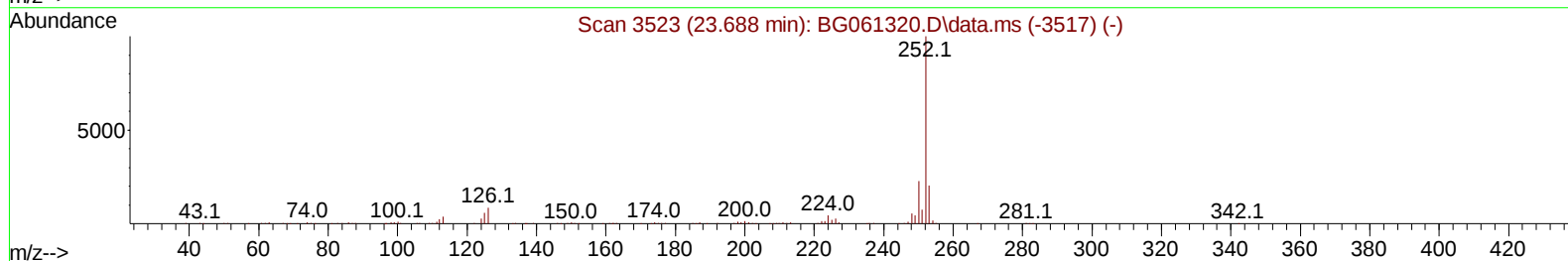
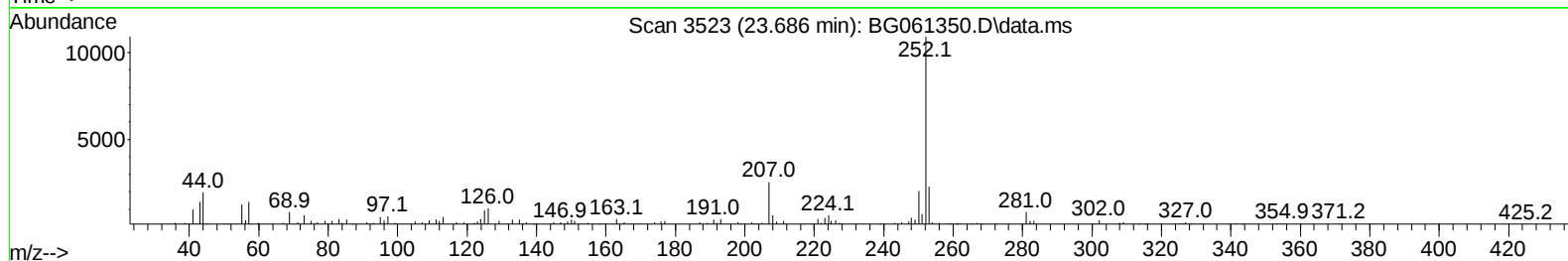
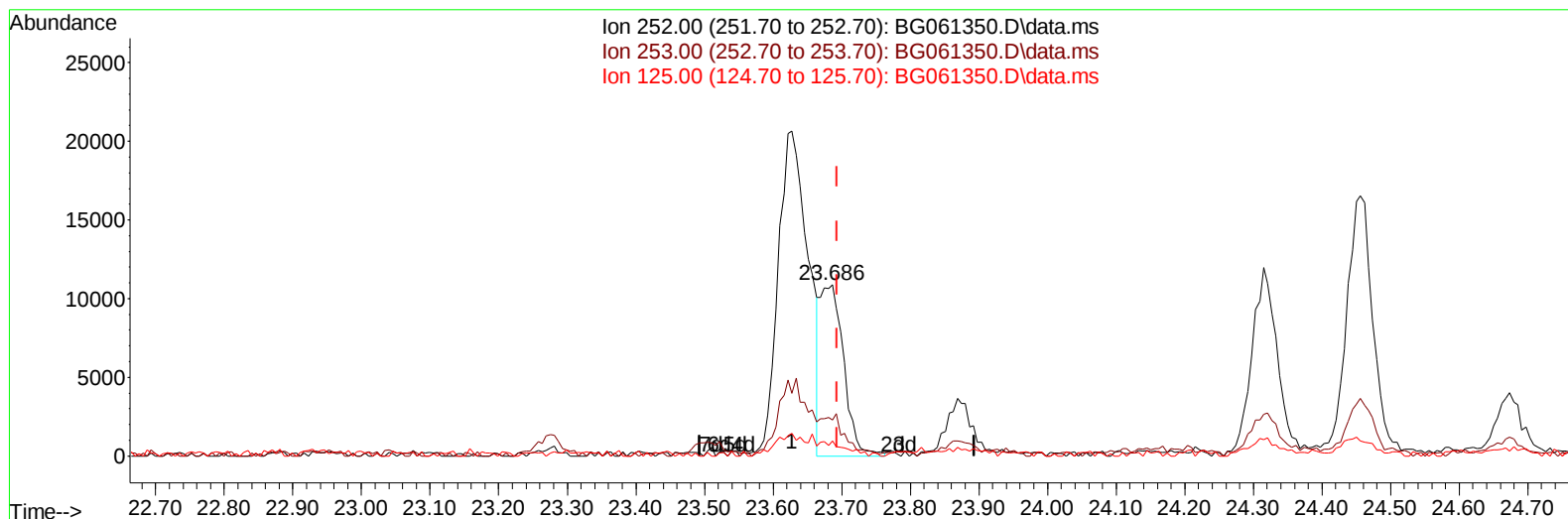
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061350.D
Acq On : 30 May 2024 6:21
Operator : MA/JU
Sample : P2571-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH660

Manual IntegrationsAPPROVED

Quant Time: May 30 07:03:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061350.D\data.ms

(91) Benzo(k)fluoranthene

23.686min (-0.007) 1.85 ng/u1 m

response 26062

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.11
125.00	5.40	8.64#
0.00	0.00	0.00

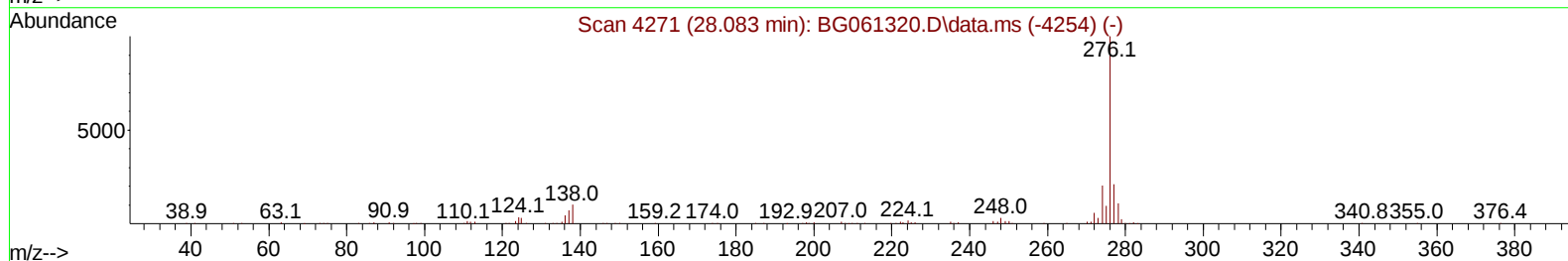
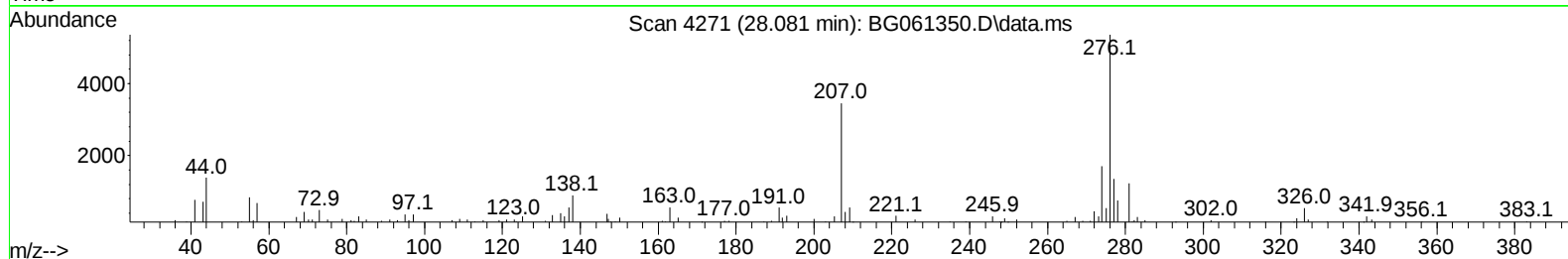
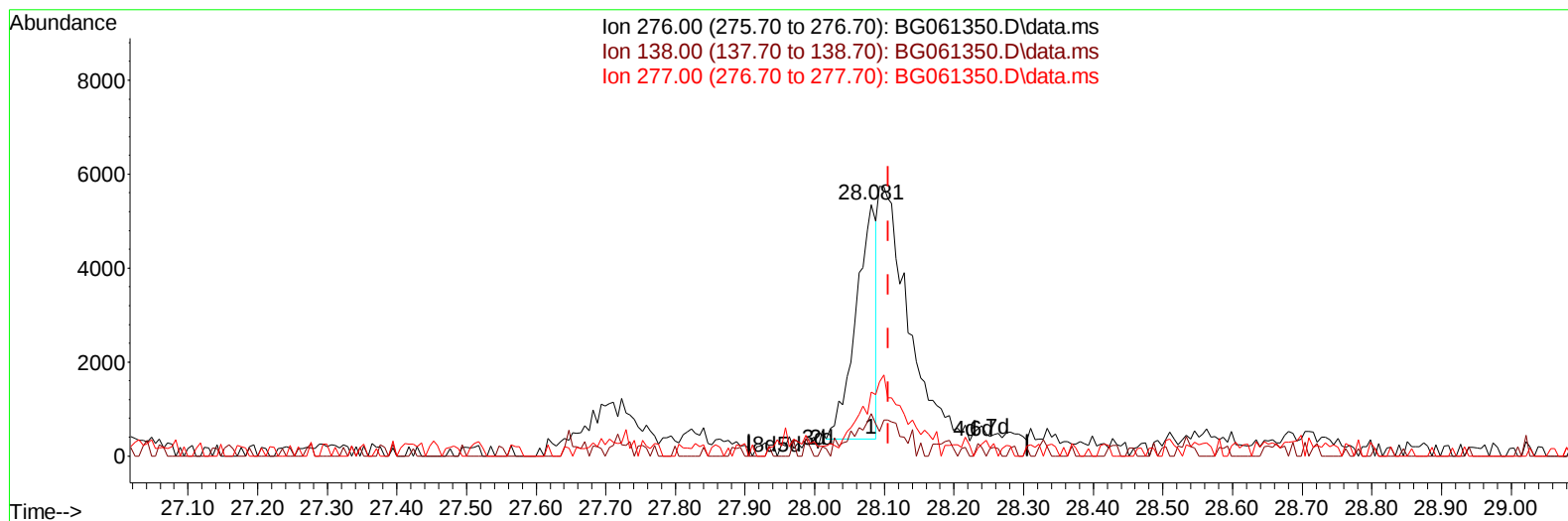
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061350.D
 Acq On : 30 May 2024 6:21
 Operator : MA/JU
 Sample : P2571-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH660

Manual IntegrationsAPPROVED

Quant Time: May 30 07:03:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
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Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024



TIC: BG061350.D\data.ms

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

28.081min (-0.025) 0.64 ng/u1

response 10136

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	16.73#
277.00	24.60	25.37
0.00	0.00	0.00

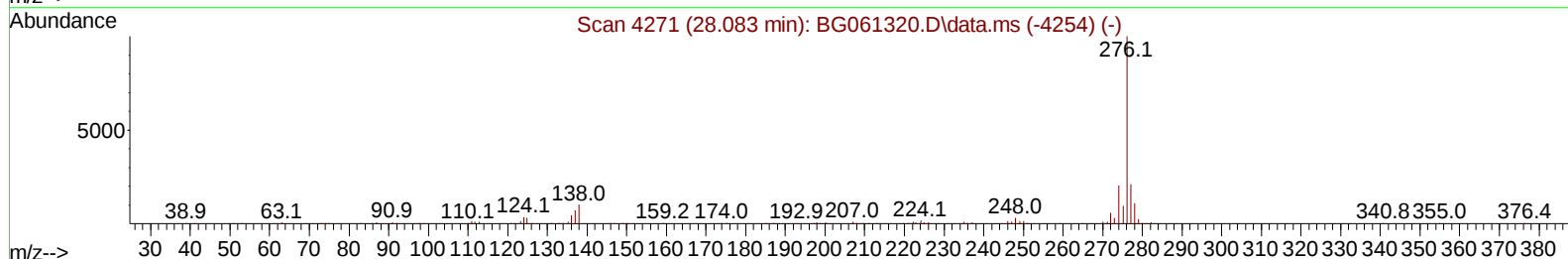
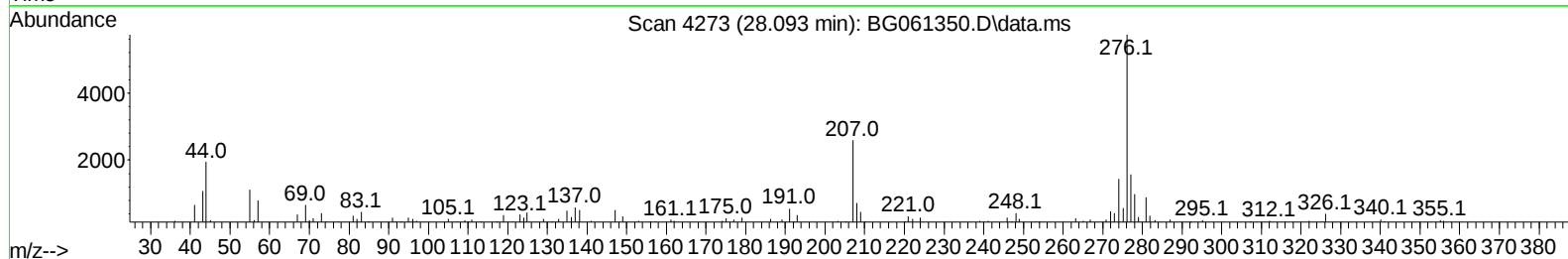
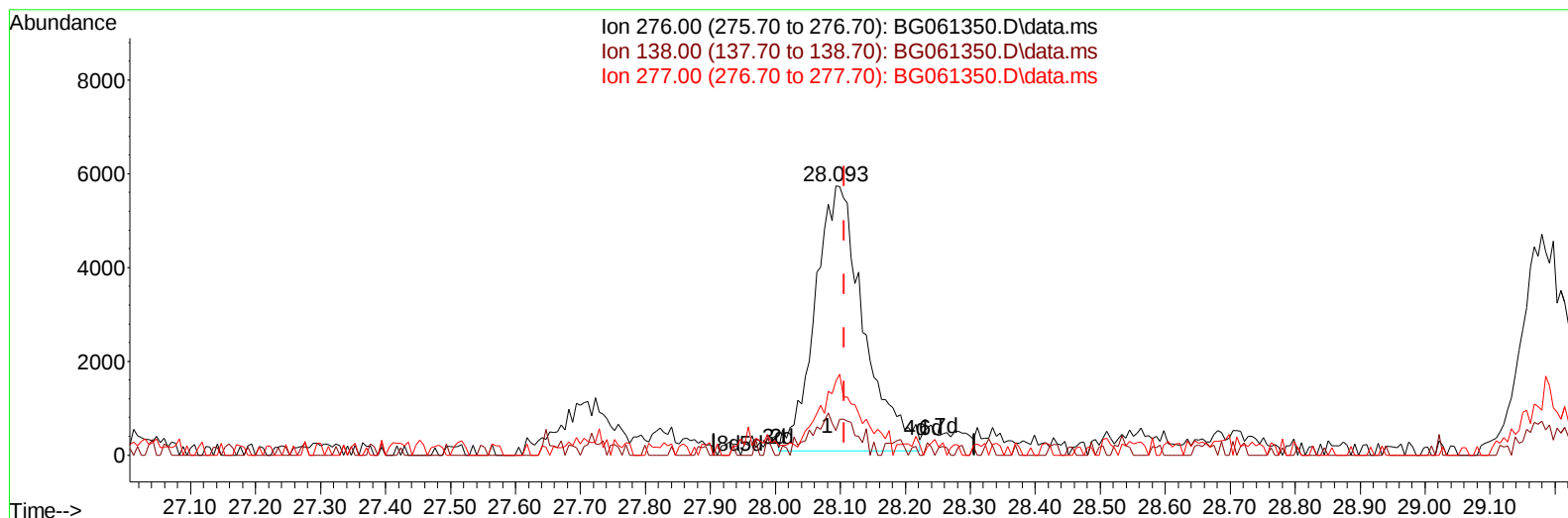
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061350.D
 Acq On : 30 May 2024 6:21
 Operator : MA/JU
 Sample : P2571-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH660

Manual IntegrationsAPPROVED

Quant Time: May 30 07:03:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024



TIC: BG061350.D\data.ms

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

28.093min (-0.013) 1.86 ng/ul m

response 29564

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	9.01
277.00	24.60	27.44
0.00	0.00	0.00

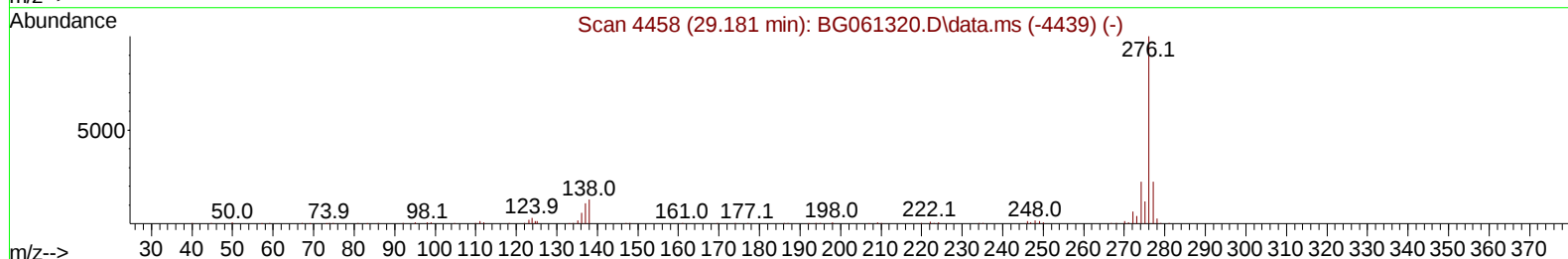
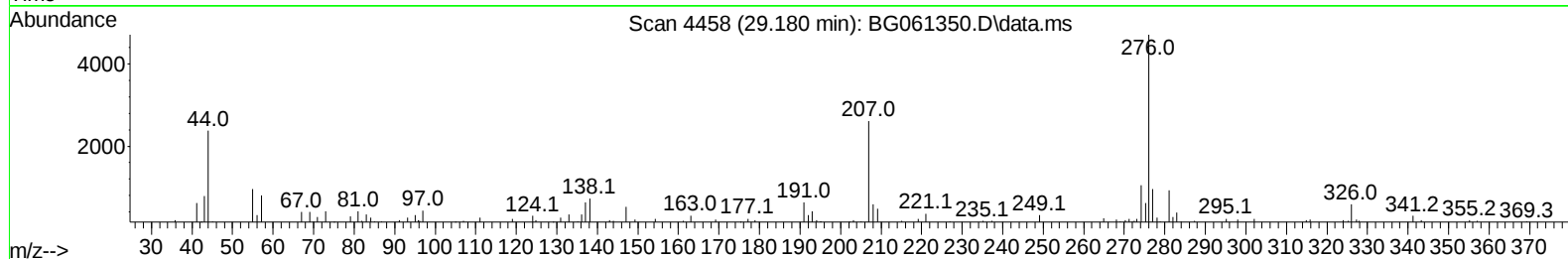
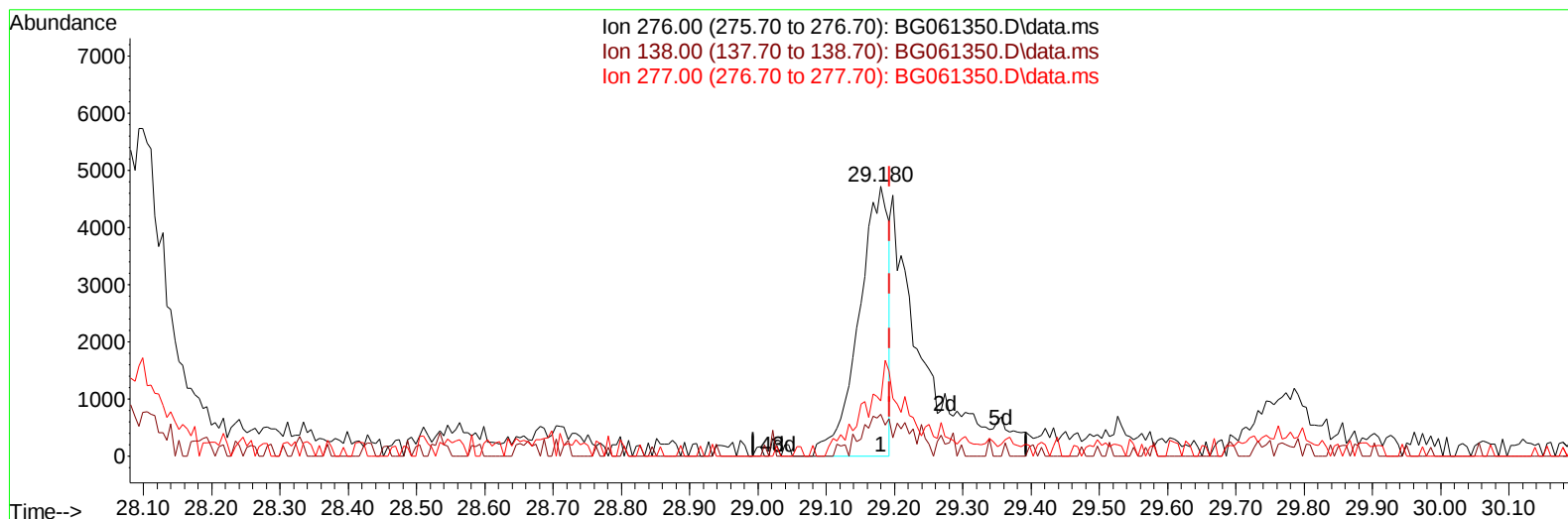
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061350.D
Acq On : 30 May 2024 6:21
Operator : MA/JU
Sample : P2571-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH660

Manual IntegrationsAPPROVED

Quant Time: May 30 07:04:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061350.D\data.ms

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

29.180min (-0.013) 1.12 ng/u1

response 14228

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	15.37#
277.00	22.70	20.29
0.00	0.00	0.00

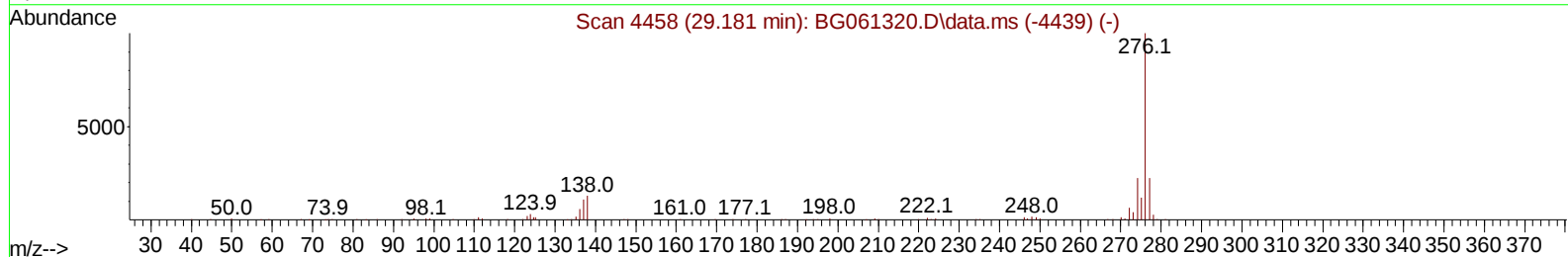
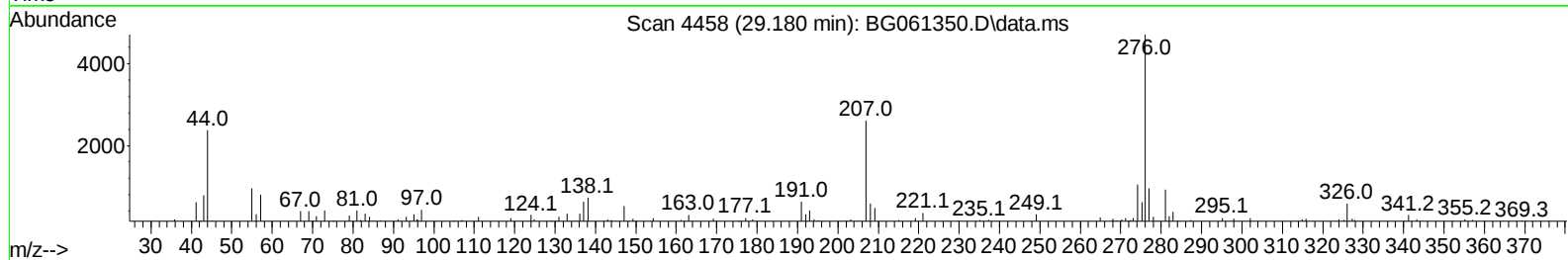
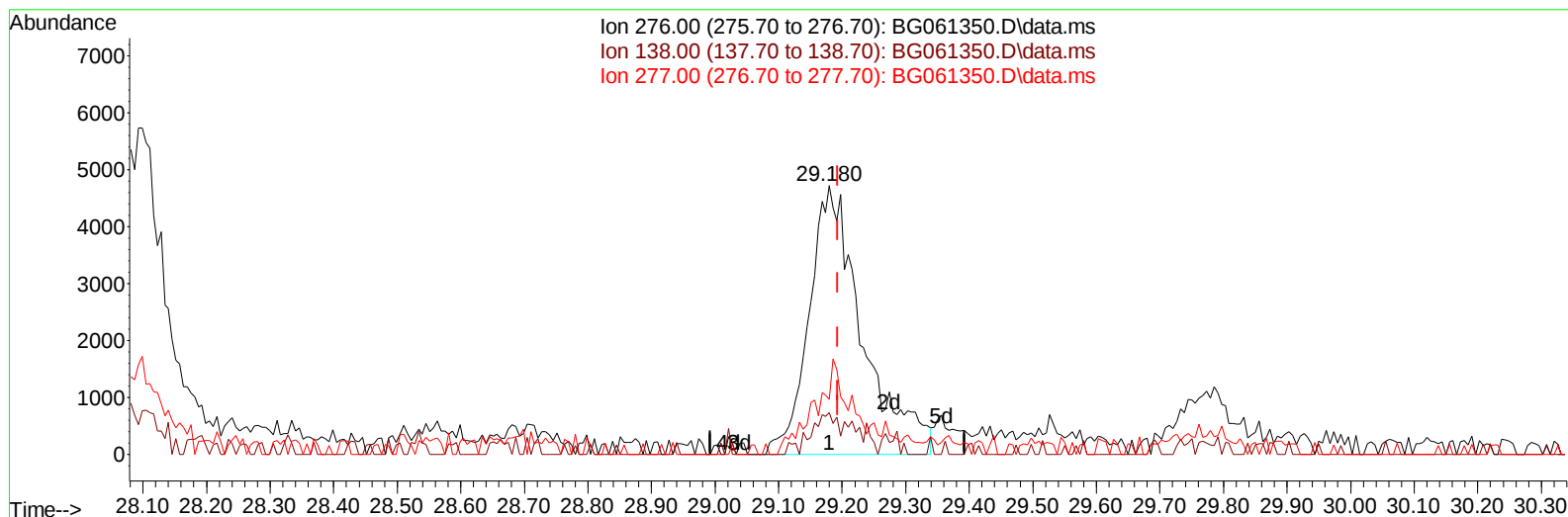
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061350.D
Acq On : 30 May 2024 6:21
Operator : MA/JU
Sample : P2571-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH660

Manual IntegrationsAPPROVED

Quant Time: May 30 07:04:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061350.D\data.ms

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

29.180min (-0.013) 2.16 ng/ul m

response 27343

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	15.37#
277.00	22.70	20.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061350.D
 Acq On : 30 May 2024 6:21
 Operator : MA/JU
 Sample : P2571-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH660

Manual IntegrationsAPPROVED

Quant Time: May 30 07:05:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	28522	20.000	ng/ul	0.00
20) Naphthalene-d8	10.678	136	119947	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.515	164	90853	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	197346	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	210753	20.000	ng/ul	0.00
88) Perylene-d12	24.603	264	232958	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1856	3.642	ng/uL	0.00
4) Pyridine-d5	3.751	84	18473	10.188	ng/ul	0.00
7) Phenol-d5	7.065	99	50440	21.535	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	31376	21.312	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	40114	23.141	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	41736	20.897	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	21201	22.957	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	24557	22.721	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	49863	23.664	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131	50484	18.314	ng/ul	0.00
46) Dimethylphthalate-d6	13.921	166	160563	22.787	ng/ul	0.00
49) Acenaphthylene-d8	14.209	160	176552	24.100	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	15854m	18.199	ng/ul	0.00
60) Fluorene-d10	15.508	176	141101	23.194	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	15065	12.622	ng/ul	0.00
73) Anthracene-d10	17.364	188	213740	24.567	ng/ul	0.00
81) Pyrene-d10	19.656	212	269075	24.866	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.391	264	299763	26.765	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	30669	3.202	ng/ul	97
80) Fluoranthene	19.321	202	83130	6.404	ng/ul	98
82) Pyrene	19.685	202	75749	5.622	ng/ul	99
85) Benzo(a)anthracene	21.495	228	43481	2.990	ng/ul	98
87) Chrysene	21.560	228	50221	3.751	ng/ul	97
90) Benzo(b)fluoranthene	23.628	252	61307	4.420	ng/ul#	94
91) Benzo(k)fluoranthene	23.686	252	26062m	1.851	ng/ul	
93) Benzo(a)pyrene	24.456	252	41914	3.182	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.093	276	29564m	1.856	ng/ul	
96) Benzo(g,h,i)perylene	29.180	276	27343m	2.158	ng/ul	

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

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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/01/2024

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