

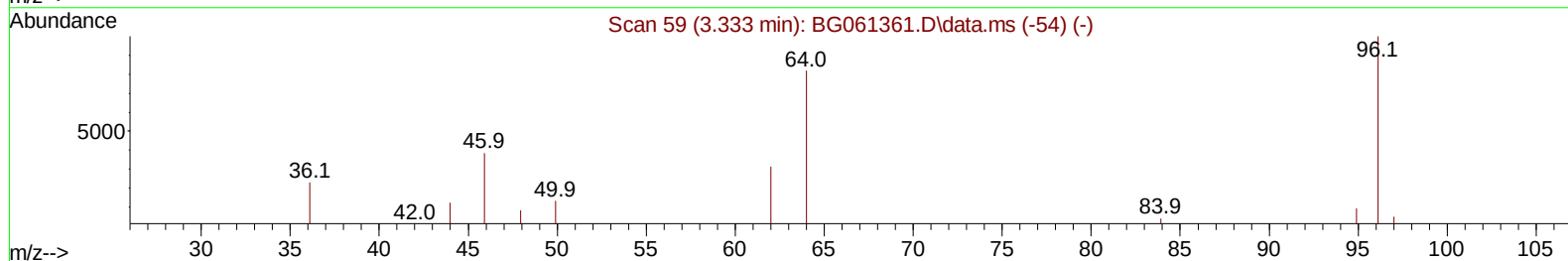
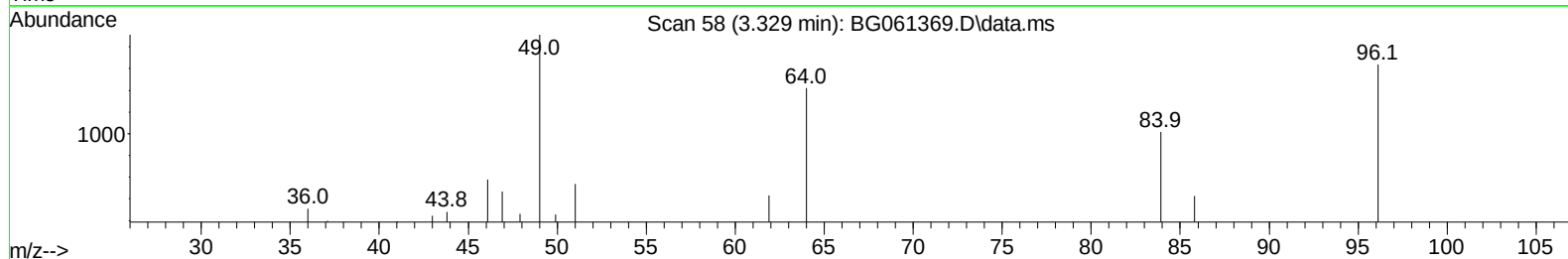
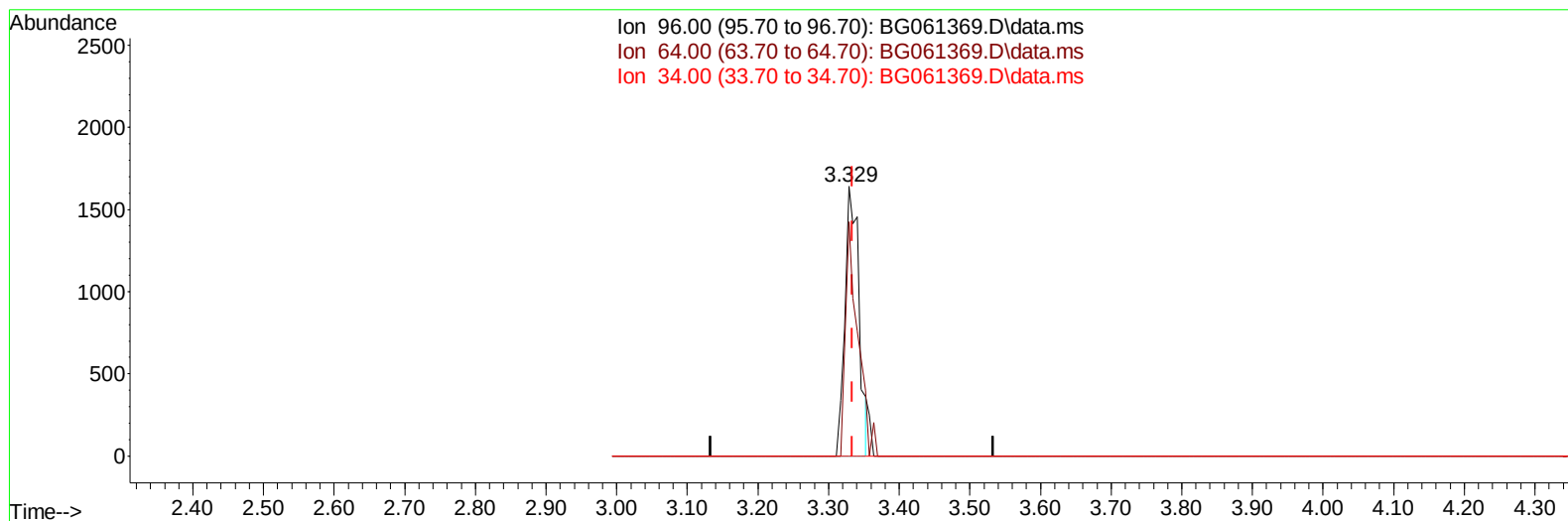
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061369.D
Acq On : 30 May 2024 21:17
Operator : MA/JU
Sample : P2570-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6

Manual IntegrationsAPPROVED

Quant Time: May 30 22:57:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061369.D\data.ms

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

3.329min (-0.005) 5.02 ng/uL

response 2253

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	86.83
34.00	0.00	0.00
0.00	0.00	0.00

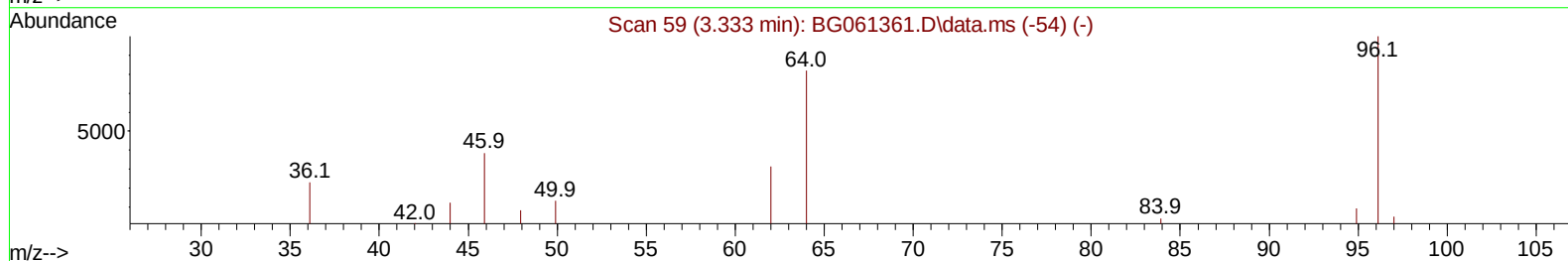
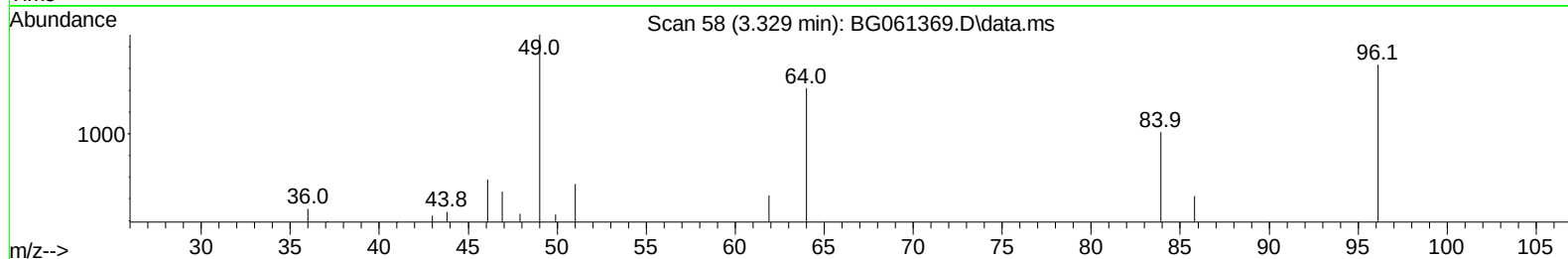
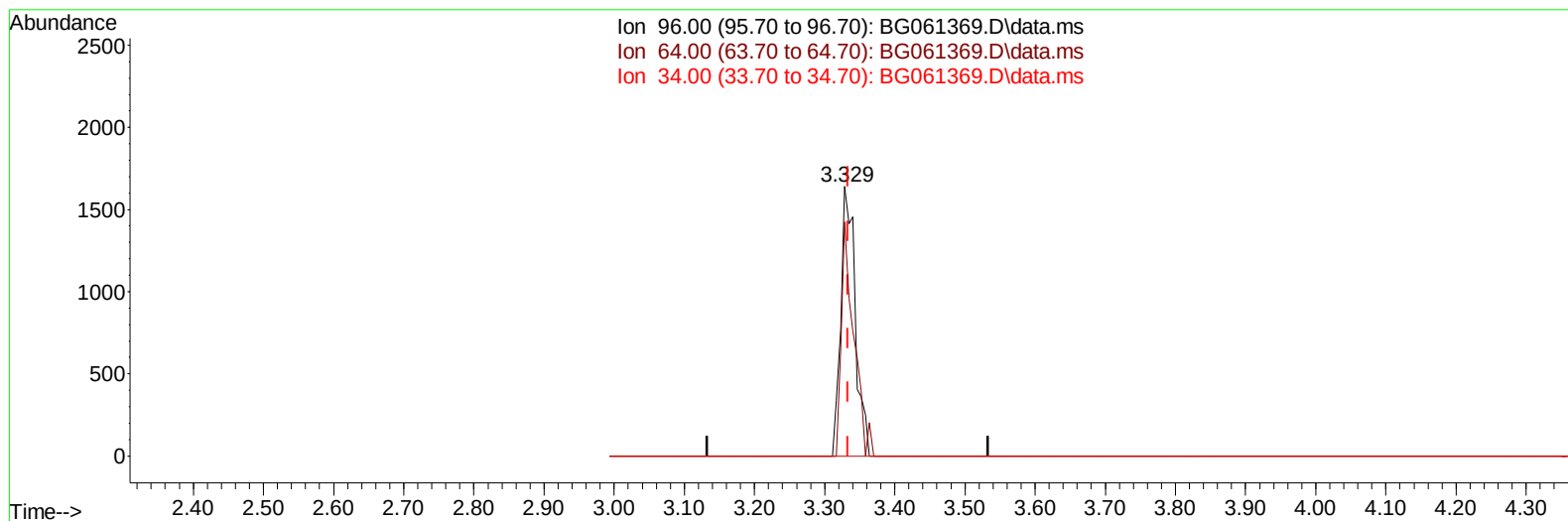
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061369.D
Acq On : 30 May 2024 21:17
Operator : MA/JU
Sample : P2570-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6

Manual IntegrationsAPPROVED

Quant Time: May 30 22:57:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG061369.D\data.ms

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

3.329min (-0.005) 5.21 ng/uL m

response 2340

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	86.83
34.00	0.00	0.00
0.00	0.00	0.00

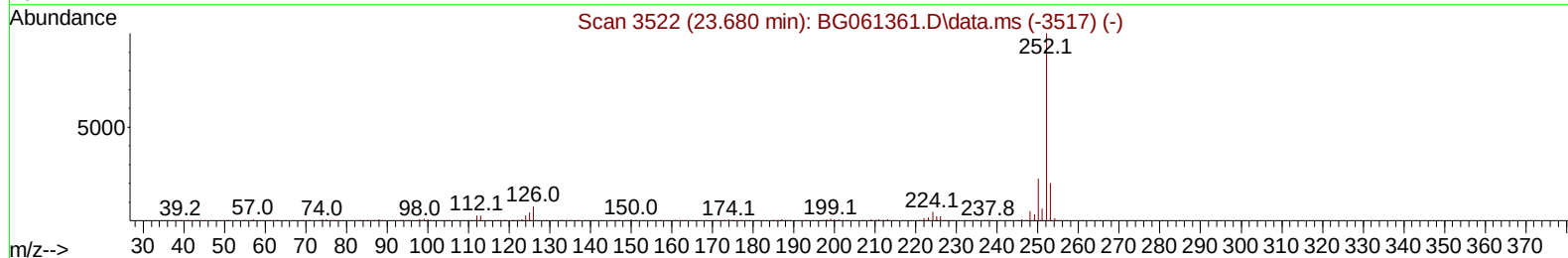
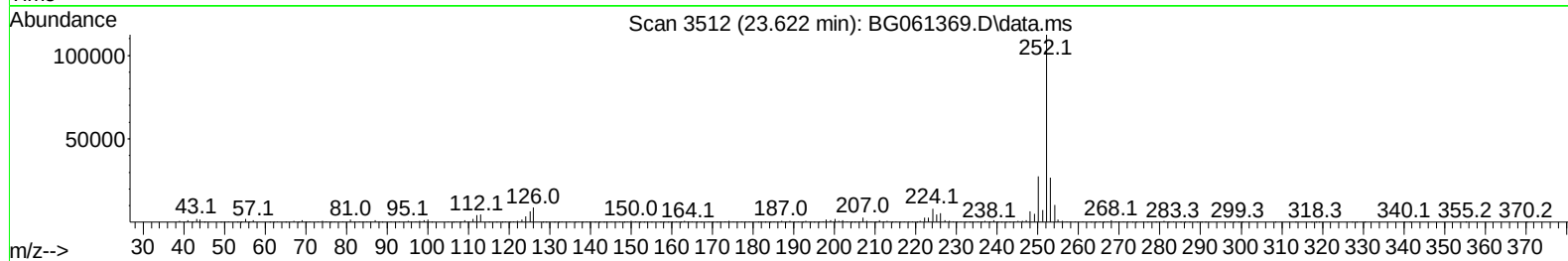
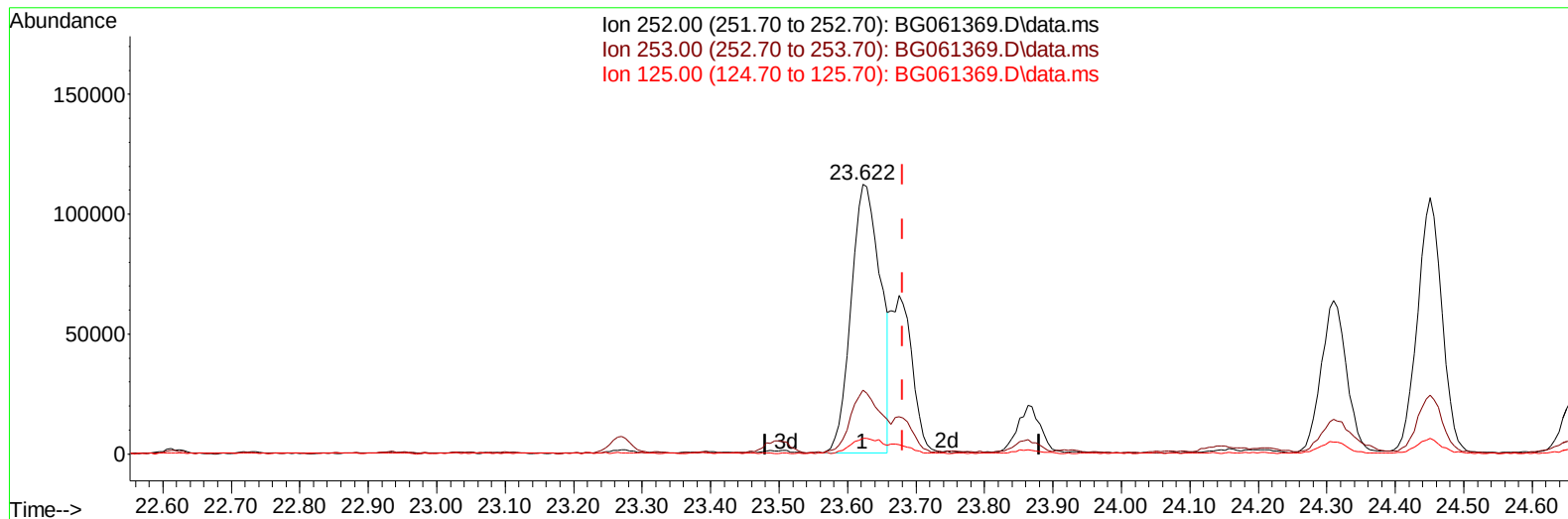
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061369.D
Acq On : 30 May 2024 21:17
Operator : MA/JU
Sample : P2570-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6

Manual IntegrationsAPPROVED

Quant Time: May 30 22:57:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG061369.D\data.ms

(91) Benzo(k)fluoranthene

23.622min (-0.058) 26.99 ng/u1

response 333672

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.80
125.00	5.40	5.81
0.00	0.00	0.00

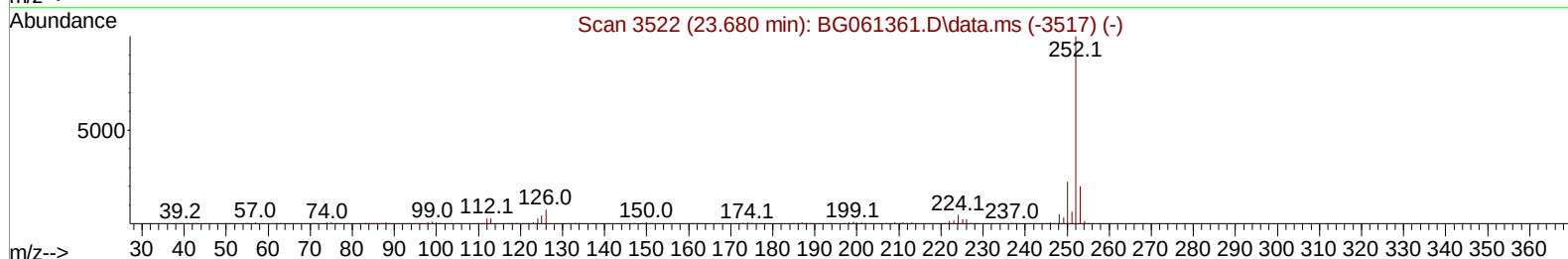
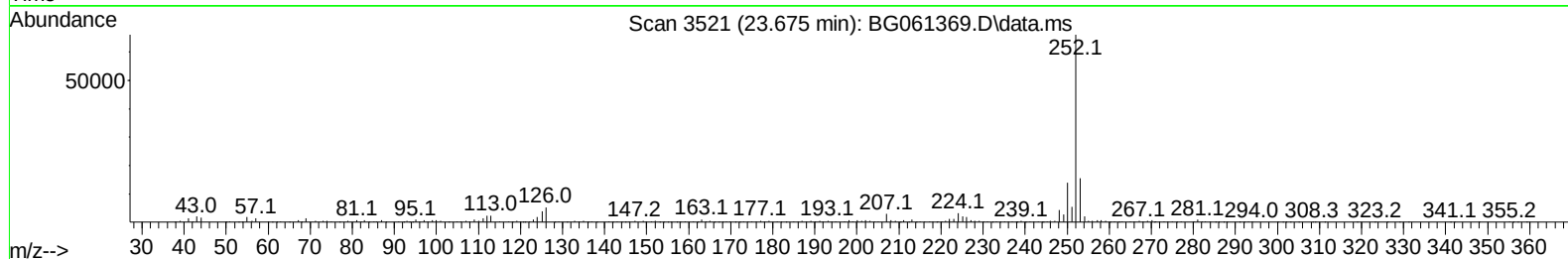
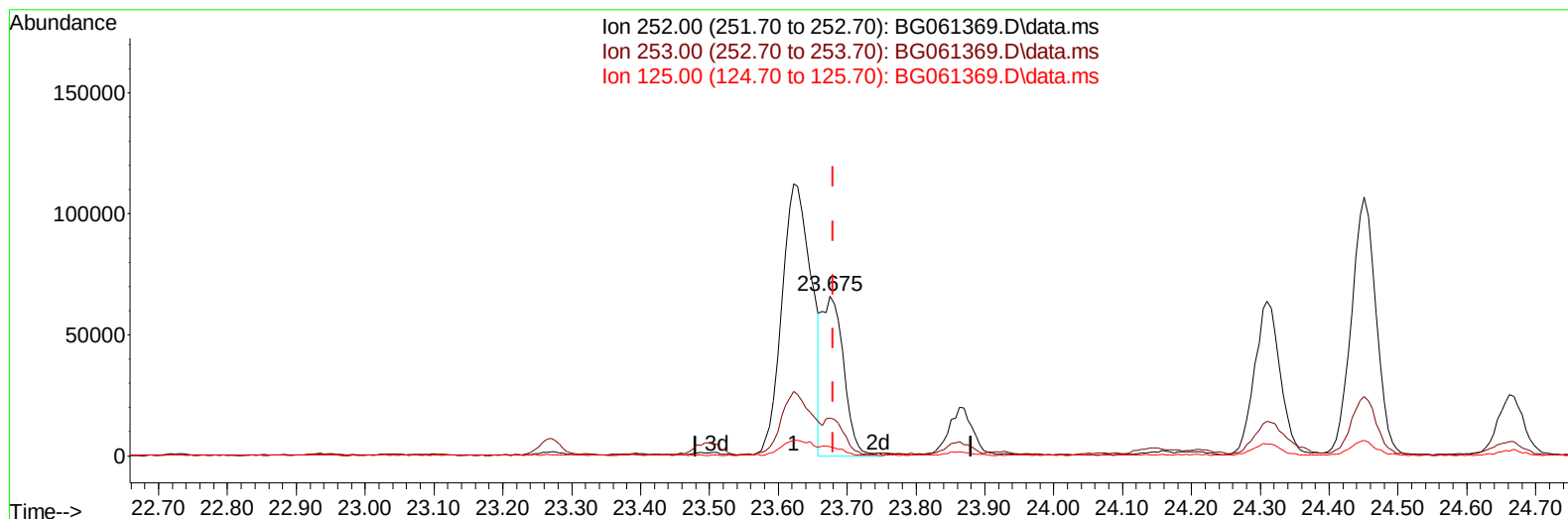
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061369.D
 Acq On : 30 May 2024 21:17
 Operator : MA/JU
 Sample : P2570-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6B6

Manual IntegrationsAPPROVED

Quant Time: May 30 22:57:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
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TIC: BG061369.D\data.ms

(91) Benzo(k)fluoranthene

23.675min (-0.005) 11.66 ng/ul m

response 144153

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.50
125.00	5.40	5.89
0.00	0.00	0.00

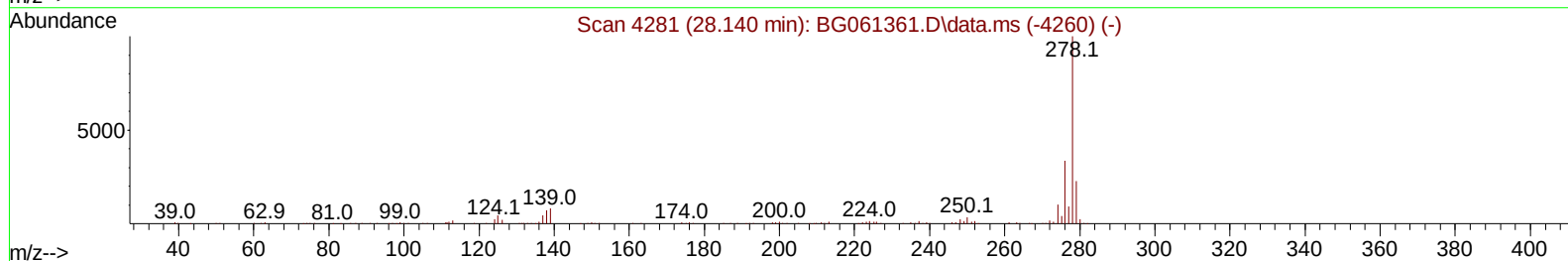
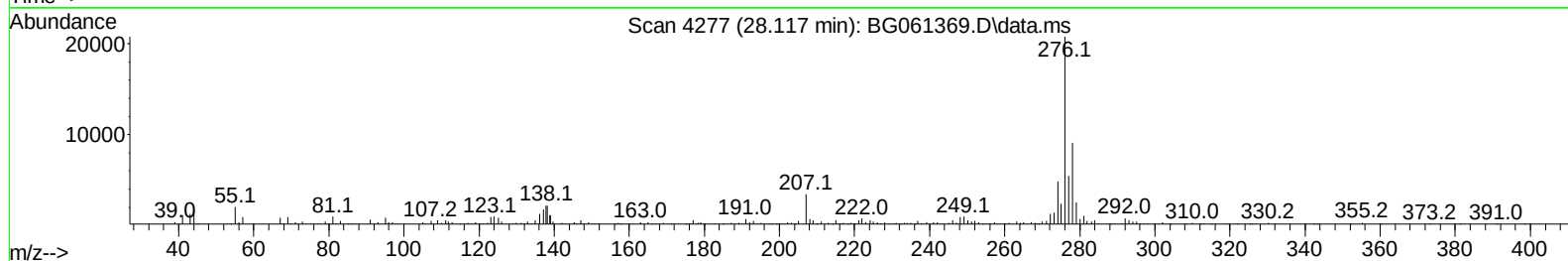
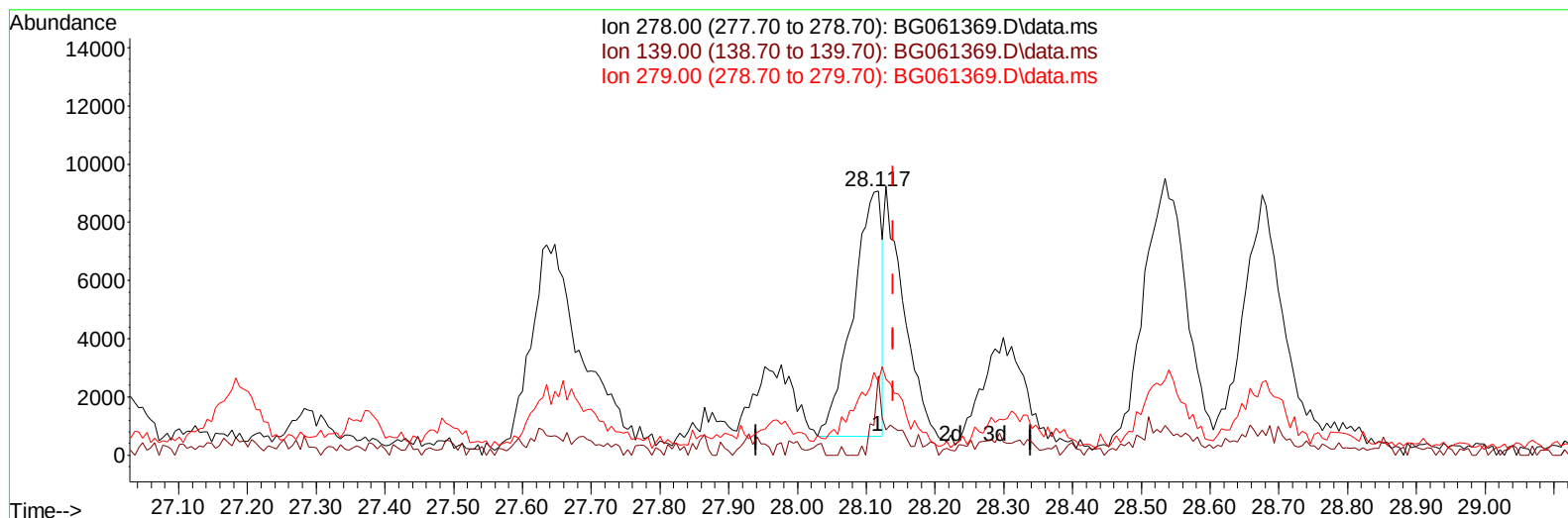
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061369.D
 Acq On : 30 May 2024 21:17
 Operator : MA/JU
 Sample : P2570-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6B6

Manual IntegrationsAPPROVED

Quant Time: May 30 22:57:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
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TIC: BG061369.D\data.ms

(95) Dibenzo(a,h)anthracene

28.117min (-0.022) 2.13 ng/u1

response 24532

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	29.98#
279.00	24.90	27.63
0.00	0.00	0.00

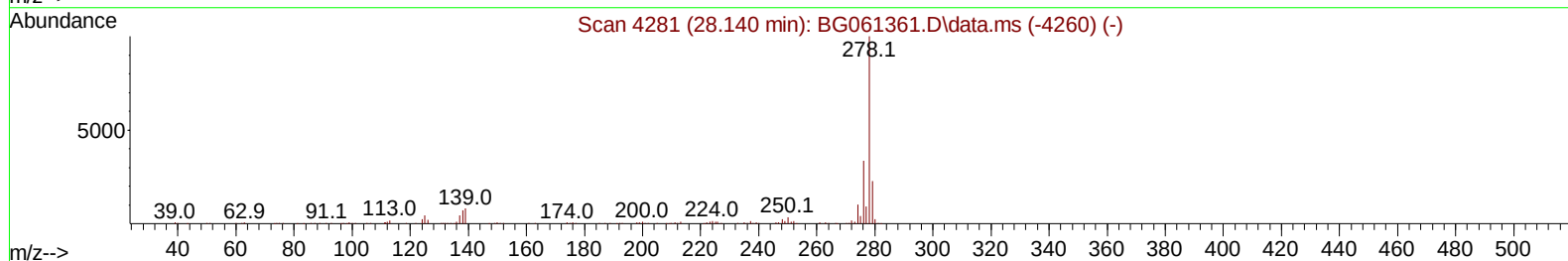
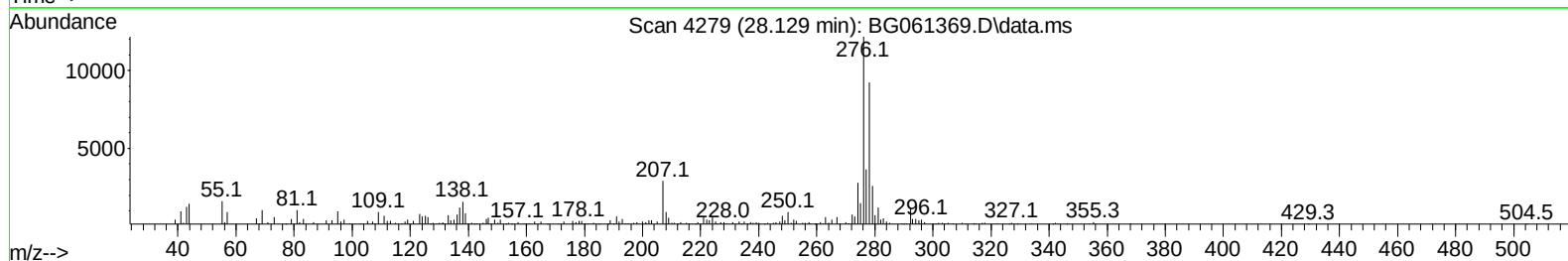
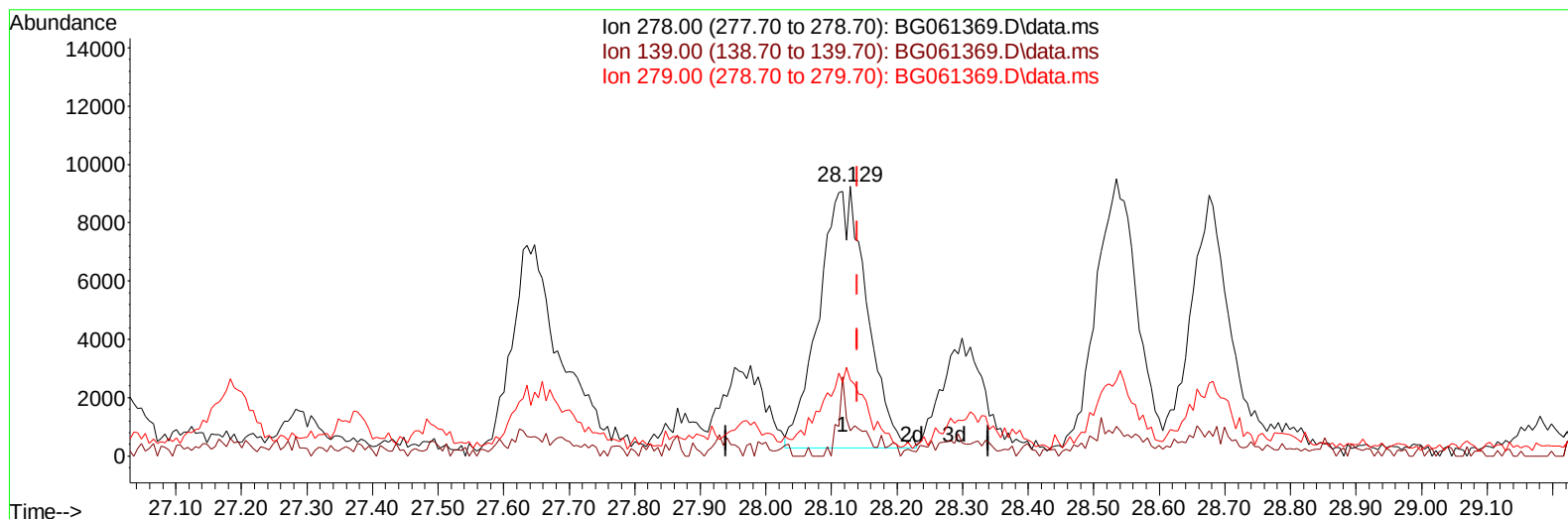
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061369.D
 Acq On : 30 May 2024 21:17
 Operator : MA/JU
 Sample : P2570-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6B6

Manual IntegrationsAPPROVED

Quant Time: May 30 22:57:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024



TIC: BG061369.D\data.ms

(95) Dibenzo(a,h)anthracene

28.129min (-0.011) 3.93 ng/ul m

response 45335

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.32
279.00	24.90	28.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061369.D
 Acq On : 30 May 2024 21:17
 Operator : MA/JU
 Sample : P2570-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6B6

Manual IntegrationsAPPROVED

Quant Time: May 30 23:17:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.870	152		25114	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136		95670	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164		77735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188		179763	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.513	240		187550	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264		204519	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.329	96		2340m	5.214	ng/uL	0.00
4) Pyridine-d5	3.740	84		22375	14.015	ng/ul	0.00
7) Phenol-d5	7.054	99		45826	22.220	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67		28514	21.997	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132		37348	24.469	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113		32348	18.395	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128		19607	26.619	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143		22828	26.481	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.297	165		44836	26.678	ng/ul	0.00
31) 4-Chloroaniline-d4	10.796	131		30766	13.993	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166		159204	26.407	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160		170242	27.161	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143		14820	19.883	ng/ul	0.00
60) Fluorene-d10	15.503	176		135621	26.055	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200		22044	20.275	ng/ul	0.00
73) Anthracene-d10	17.359	188		215166	27.150	ng/ul	0.00
81) Pyrene-d10	19.651	212		269231	27.958	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264		272282	27.692	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.714	128		18473	3.658	ng/ul	97
36) 2-Methylnaphthalene	12.324	142		12084	3.300	ng/ul	96
37) 1-Methylnaphthalene	12.541	142		10515	2.798	ng/ul	84
52) Acenaphthene	14.568	153		52522	11.519	ng/ul	95
56) Dibenzofuran	14.903	168		50642	7.768	ng/ul	100
61) Fluorene	15.555	166		51965	9.213	ng/ul	100
72) Phenanthrene	17.300	178		719849	82.505	ng/ul	99
74) Anthracene	17.394	178		155423	17.229	ng/ul	99
77) Carbazole	17.665	167		64288	8.761	ng/ul	98
80) Fluoranthene	19.316	202		764643	66.190	ng/ul	100
82) Pyrene	19.680	202		681861	56.863	ng/ul	100
85) Benzo(a)anthracene	21.490	228		362820	28.036	ng/ul	96
87) Chrysene	21.554	228		325927	27.352	ng/ul	95
90) Benzo(b)fluoranthene	23.622	252		333672	27.402	ng/ul	97
91) Benzo(k)fluoranthene	23.675	252		144153m	11.661	ng/ul	
93) Benzo(a)pyrene	24.451	252		263690	22.805	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.094	276		160916	11.508	ng/ul	96
95) Dibenzo(a,h)anthracene	28.129	278		45335m	3.932	ng/ul	
96) Benzo(g,h,i)perylene	29.187	276		150393	13.520	ng/ul	98

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

