

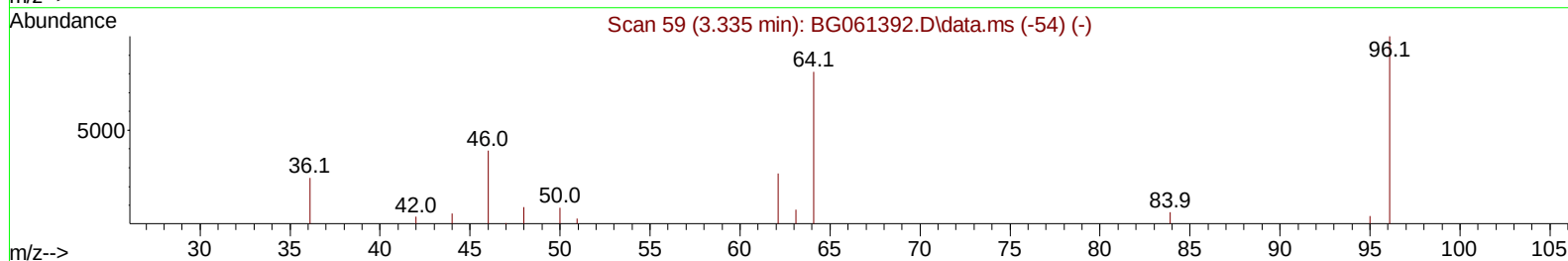
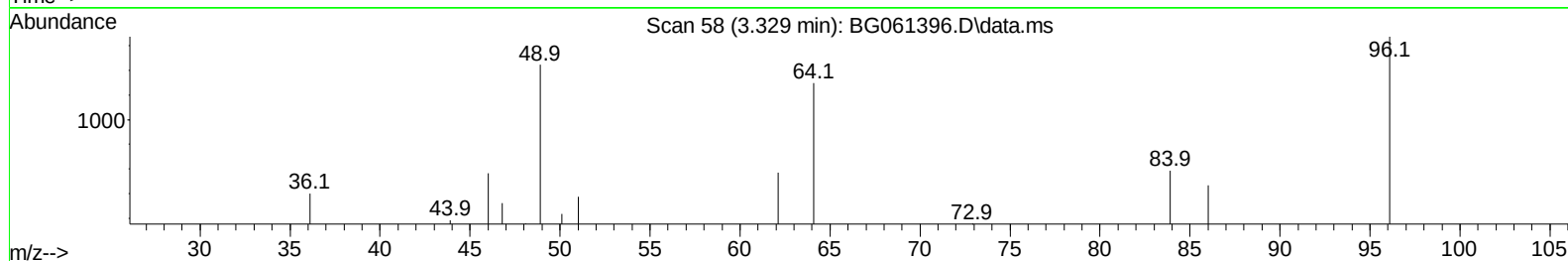
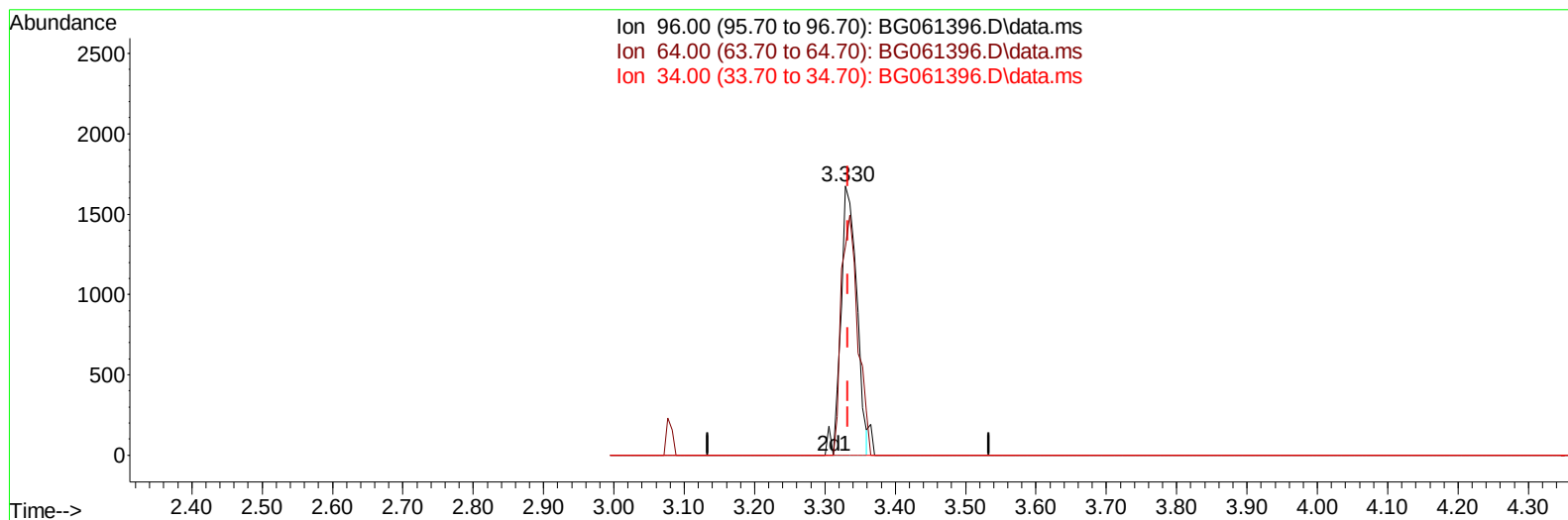
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061396.D
 Acq On : 31 May 2024 16:50
 Operator : MA/JU
 Sample : P2588-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5S3

Manual IntegrationsAPPROVED

Quant Time: May 31 18:39:32 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 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024



TIC: BG061396.D\data.ms

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

3.329min (-0.004) 6.16 ng/uL

response 2536

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	77.42
34.00	0.00	0.00
0.00	0.00	0.00

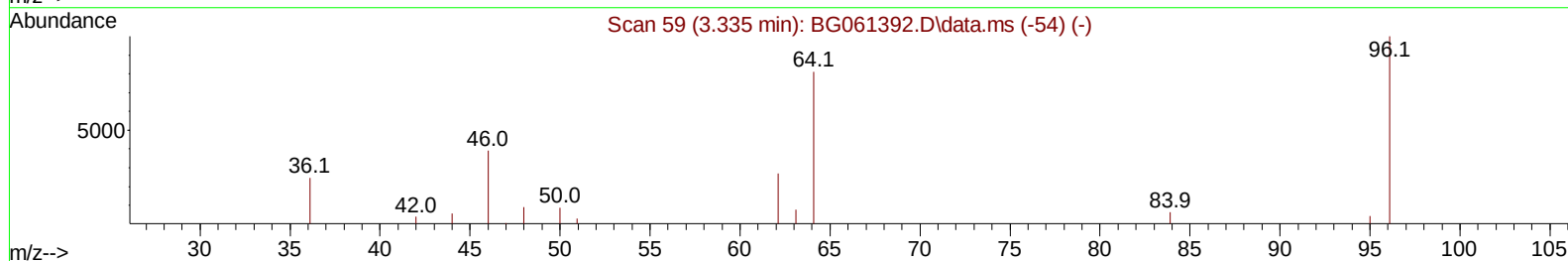
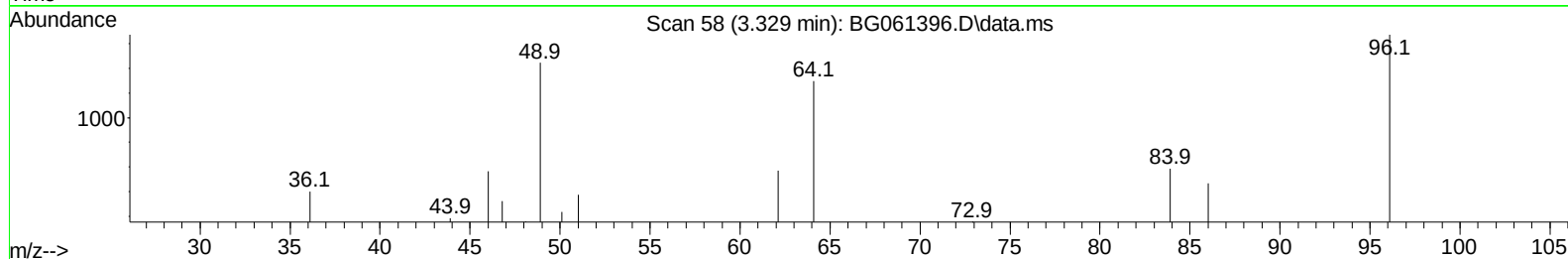
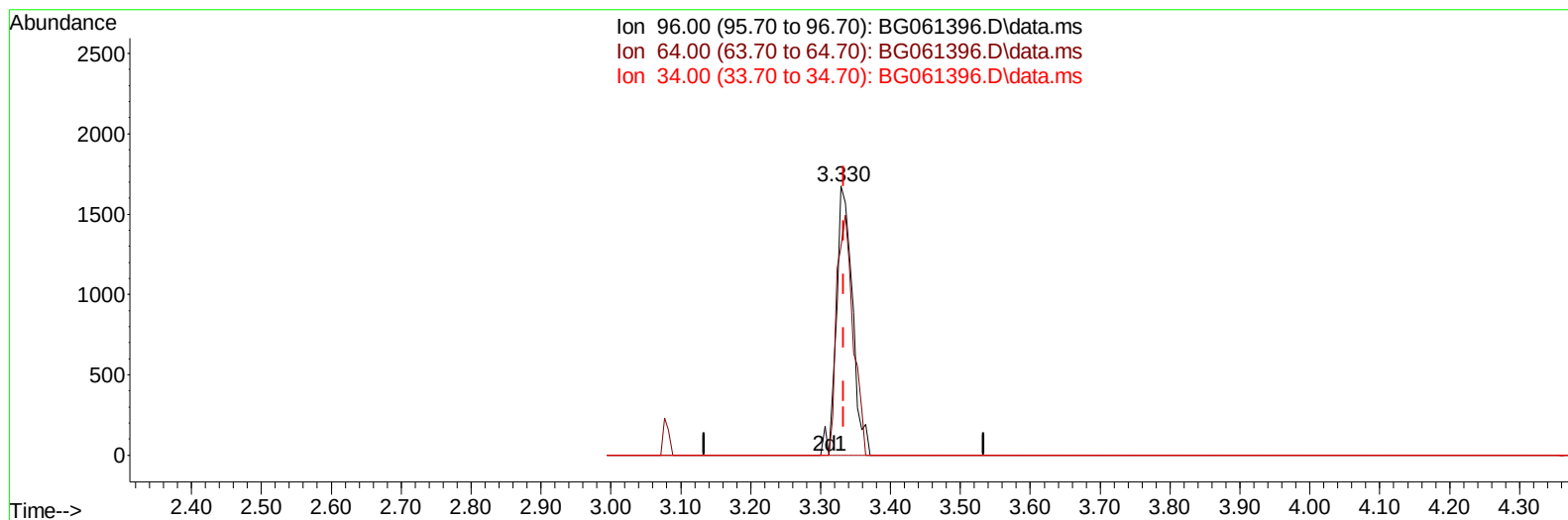
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061396.D
 Acq On : 31 May 2024 16:50
 Operator : MA/JU
 Sample : P2588-02
 Misc :
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 31 18:39:32 2024
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 Supervised By :mohammad ahmed 06/04/2024



TIC: BG061396.D\data.ms

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

3.329min (-0.004) 6.33 ng/uL m

response 2604

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	77.42
34.00	0.00	0.00
0.00	0.00	0.00

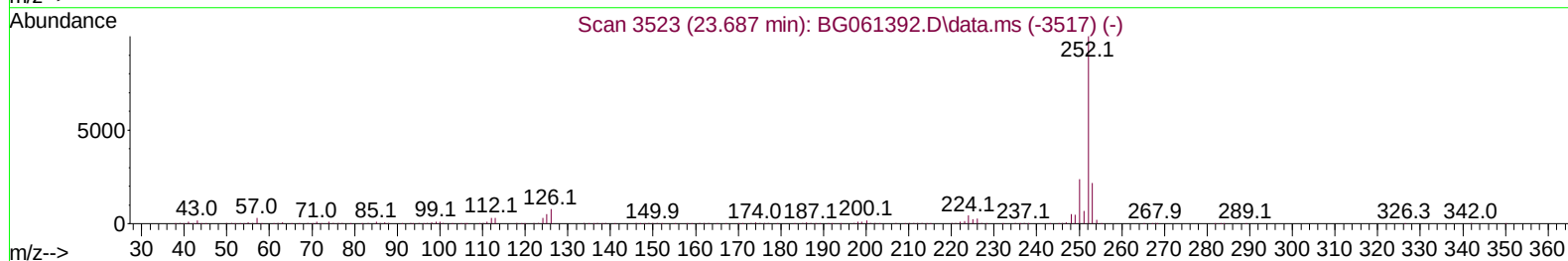
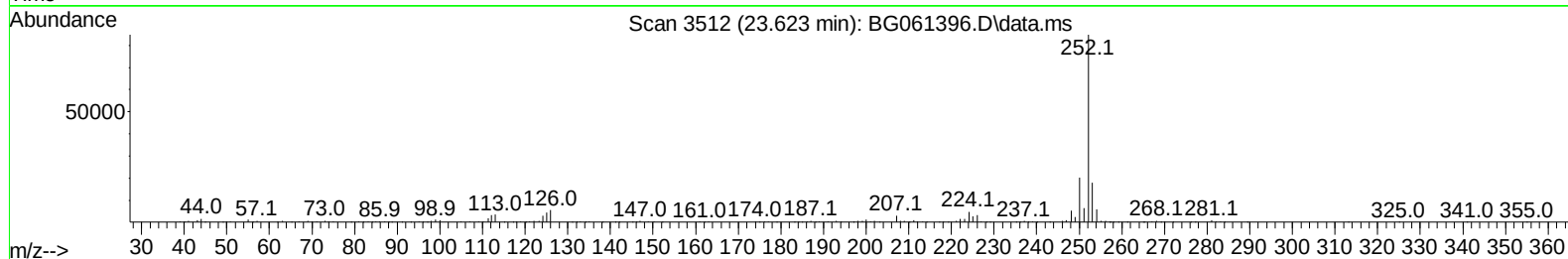
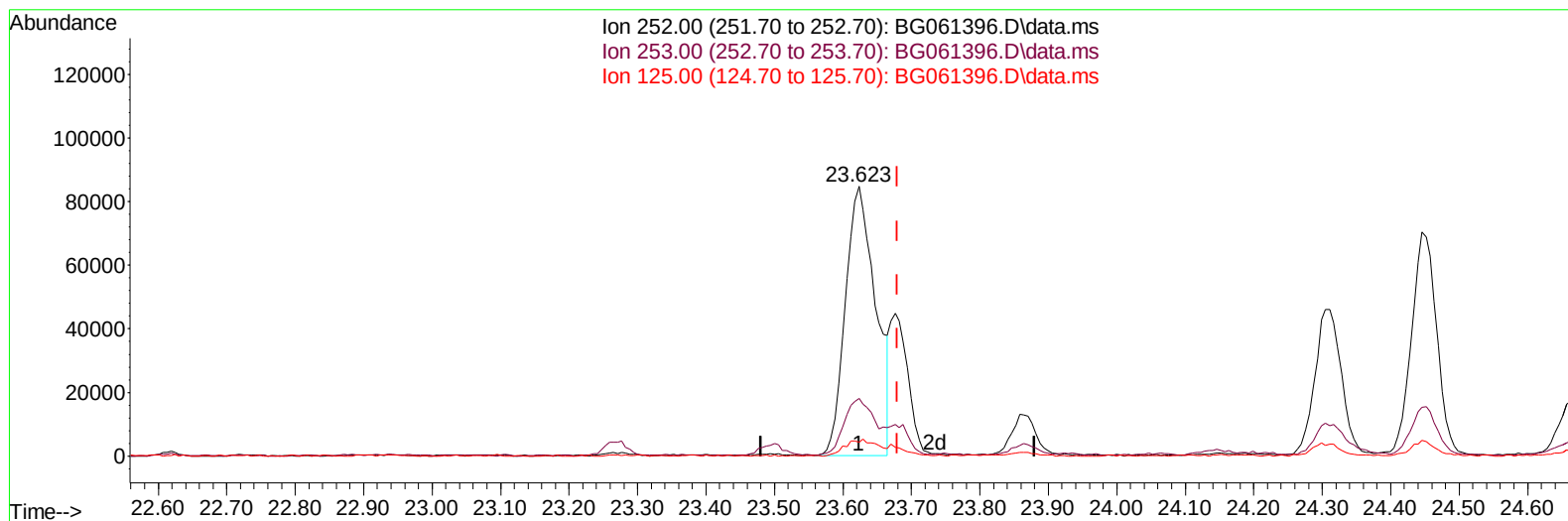
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061396.D
Acq On : 31 May 2024 16:50
Operator : MA/JU
Sample : P2588-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S3

Manual IntegrationsAPPROVED

Quant Time: May 31 18:37:17 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

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Supervised By :mohammad ahmed 06/04/2024



TIC: BG061396.D\data.ms

(91) Benzo(k)fluoranthene

23.623min (-0.057) 19.01 ng/u1

response 260252

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.32
125.00	5.40	5.16
0.00	0.00	0.00

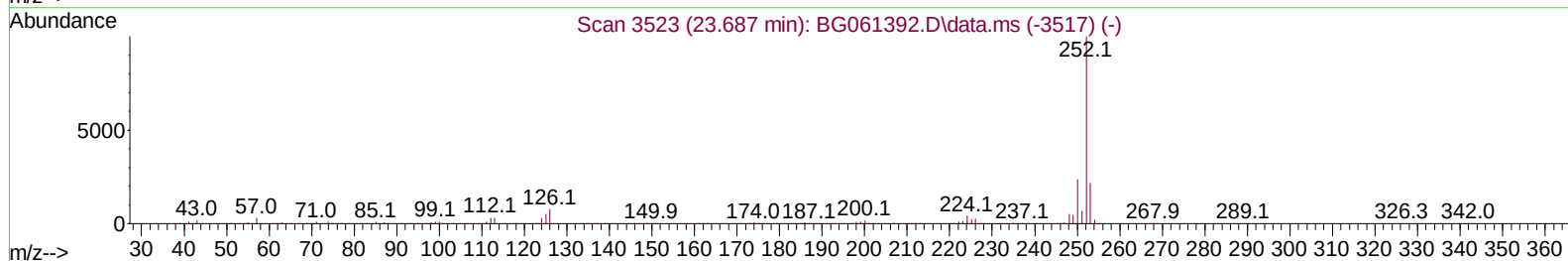
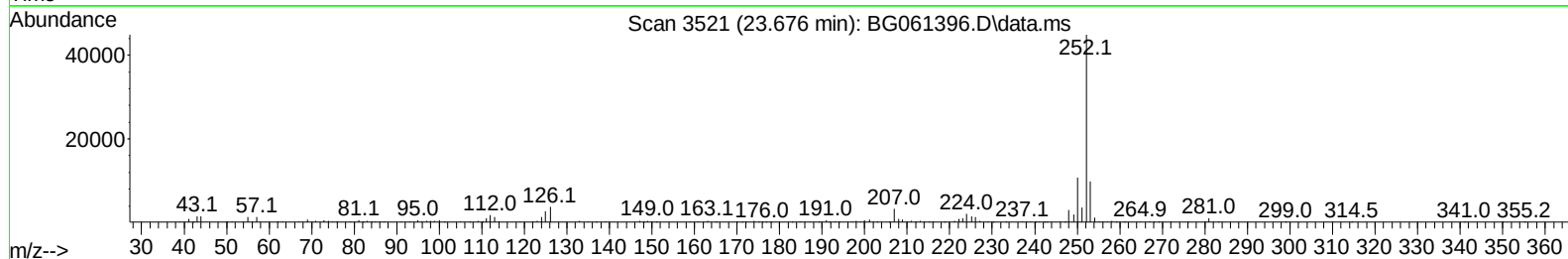
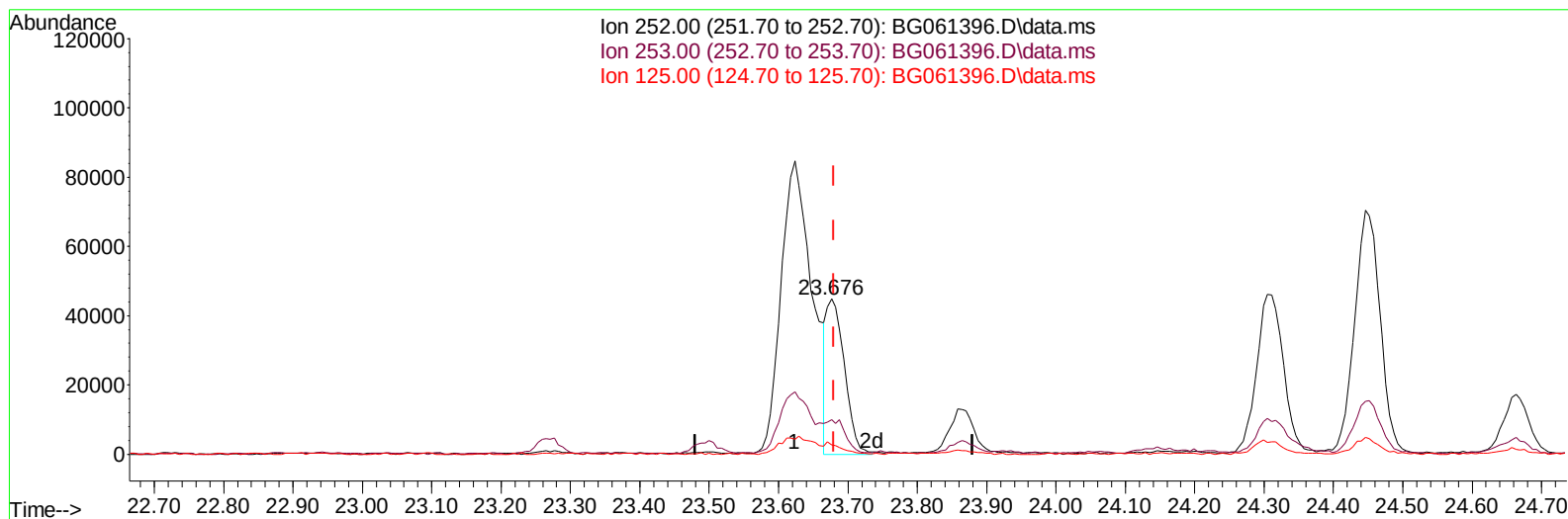
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061396.D
 Acq On : 31 May 2024 16:50
 Operator : MA/JU
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: May 31 18:37:17 2024
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TIC: BG061396.D\data.ms

(91) Benzo(k)fluoranthene

23.676min (-0.004) 5.96 ng/ul m

response 81540

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.13
125.00	5.40	6.09
0.00	0.00	0.00

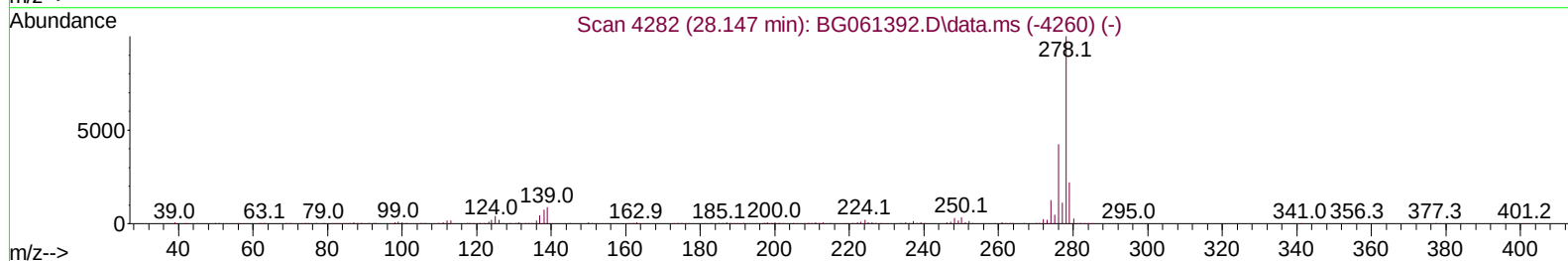
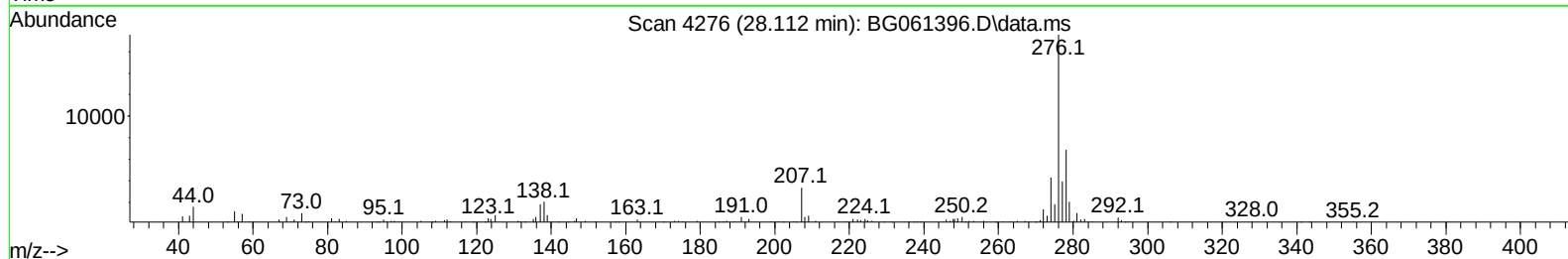
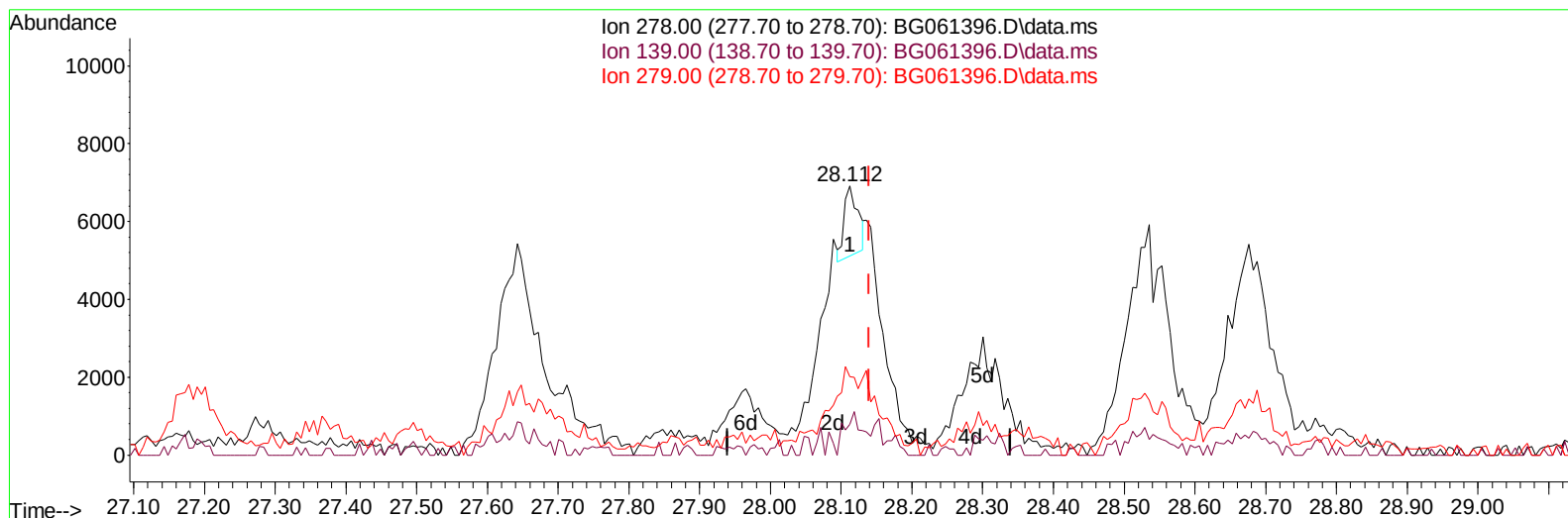
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061396.D
Acq On : 31 May 2024 16:50
Operator : MA/JU
Sample : P2588-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S3

Manual IntegrationsAPPROVED

Quant Time: May 31 18:38:40 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: BG061396.D\data.ms

(95) Dibenzo(a,h)anthracene

28.112min (-0.027) 0.19 ng/u1

response 2413

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	11.42#
279.00	24.90	29.14
0.00	0.00	0.00

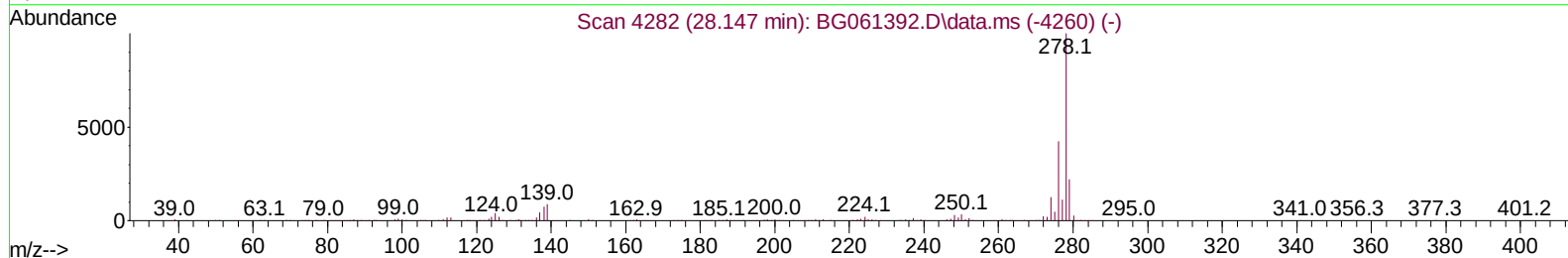
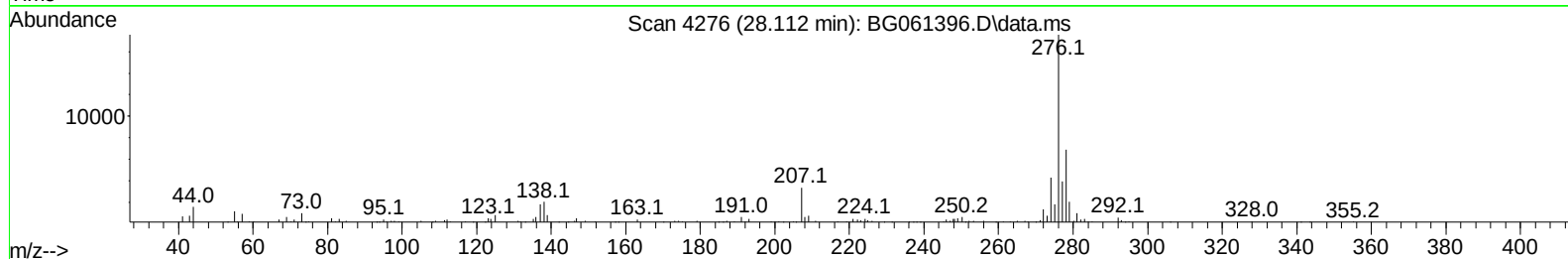
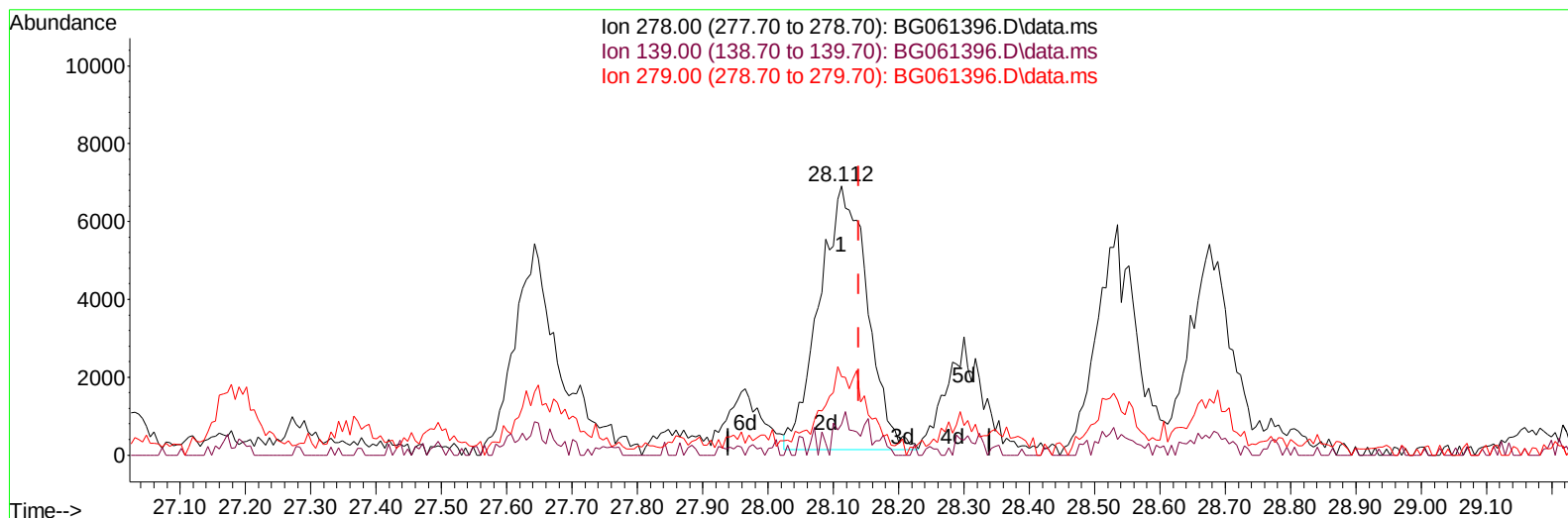
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061396.D
 Acq On : 31 May 2024 16:50
 Operator : MA/JU
 Sample : P2588-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5S3

Manual IntegrationsAPPROVED

Quant Time: May 31 18:38:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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TIC: BG061396.D\data.ms

(95) Dibenzo(a,h)anthracene

28.112min (-0.027) 2.71 ng/ul m

response 34643

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	11.42#
279.00	24.90	29.14
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2588-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual IntegrationsAPPROVED

Quant Time: May 31 23:17:02 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	23021	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	90848	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.505	164	72627	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.254	188	190205	20.000	ng/ul	0.00
79) Chrysene-d12	21.508	240	195004	20.000	ng/ul	0.00
88) Perylene-d12	24.593	264	226441	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	2604m	6.330	ng/uL	0.00
4) Pyridine-d5	3.741	84	24570	16.789	ng/ul	0.00
7) Phenol-d5	7.055	99	48389	25.596	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	29853	25.123	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	37425	26.749	ng/ul	0.00
15) 4-Methylphenol-d8	8.588	113	34320	21.290	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	19204	27.455	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	22538	27.532	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	44546	27.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	38152	18.273	ng/ul	0.00
46) Dimethylphthalate-d6	13.911	166	153484	27.248	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	167530	28.608	ng/ul	0.00
54) 4-Nitrophenol-d4	14.746	143	16976	24.377	ng/ul	0.00
60) Fluorene-d10	15.503	176	143120	29.430	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	26643	23.160	ng/ul	0.00
73) Anthracene-d10	17.354	188	238783	28.476	ng/ul	0.00
81) Pyrene-d10	19.652	212	304908	30.453	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.387	264	326497	29.991	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.301	178	92029	9.969	ng/ul	98
74) Anthracene	17.390	178	14985	1.570	ng/ul	99
77) Carbazole	17.660	167	9734	1.254	ng/ul#	90
80) Fluoranthene	19.317	202	268945	22.391	ng/ul	99
82) Pyrene	19.681	202	251870	20.201	ng/ul	99
85) Benzo(a)anthracene	21.491	228	183908	13.668	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.402	149	10785	1.701	ng/ul#	90
87) Chrysene	21.555	228	175661	14.178	ng/ul	95
90) Benzo(b)fluoranthene	23.623	252	260252	19.303	ng/ul	98
91) Benzo(k)fluoranthene	23.676	252	81540m	5.958	ng/ul	
93) Benzo(a)pyrene	24.446	252	178505	13.943	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.077	276	115703	7.473	ng/ul	98
95) Dibenzo(a,h)anthracene	28.112	278	34643m	2.714	ng/ul	
96) Benzo(g,h,i)perylene	29.176	276	95166	7.727	ng/ul	94

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

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