

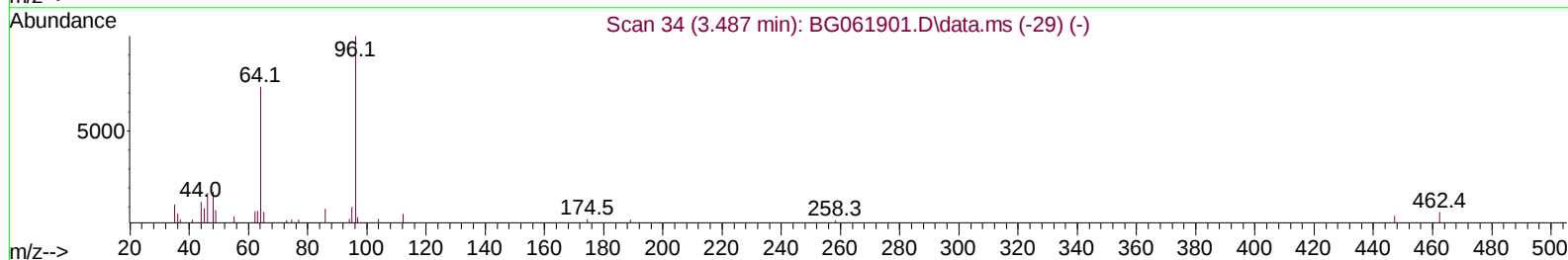
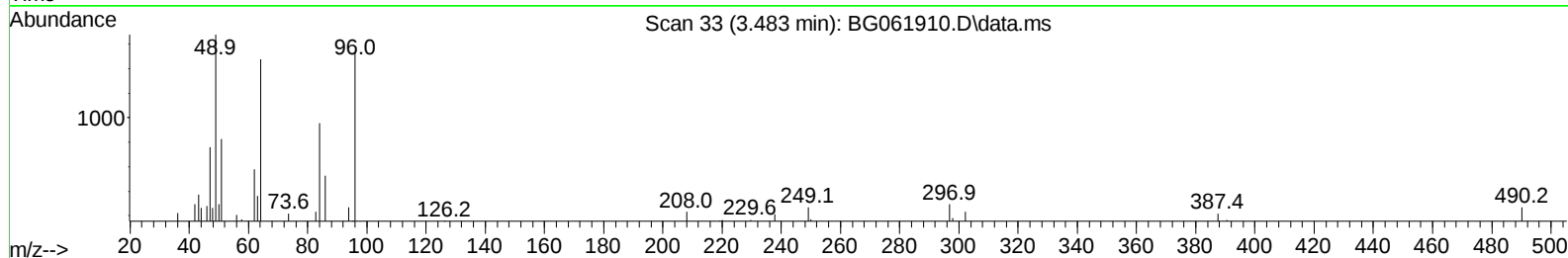
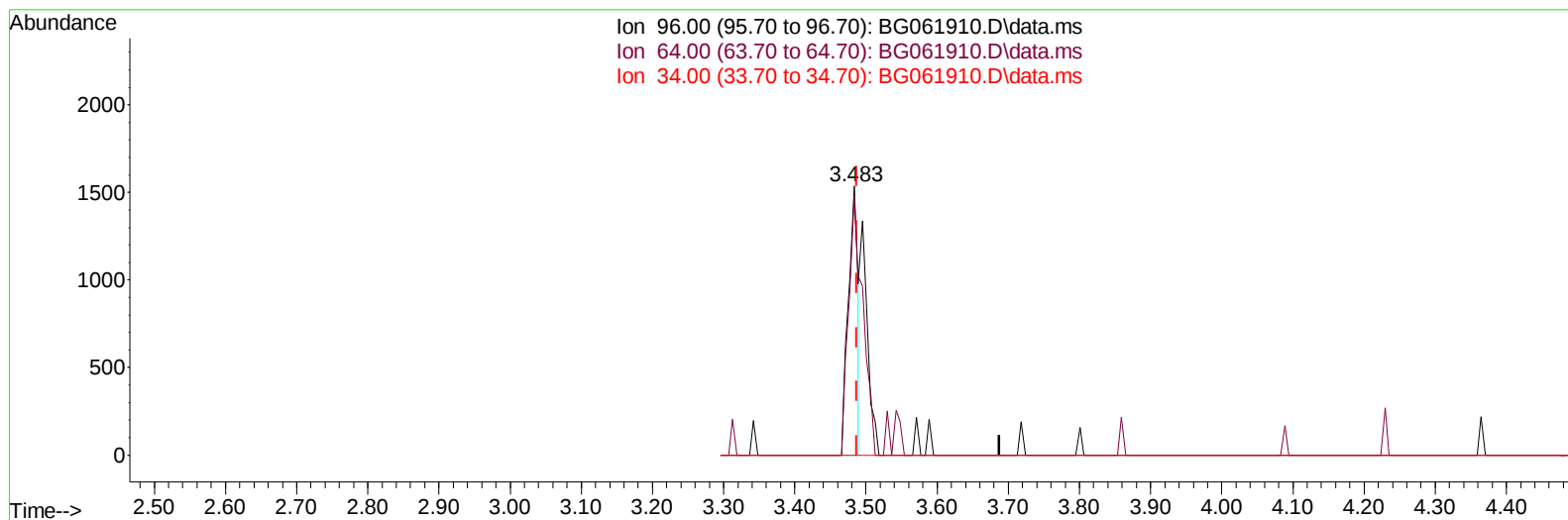
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061910.D
Acq On : 6 Jul 2024 00:33
Operator : MA/JU
Sample : P2982-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CG0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 06 01:56:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration



TIC: BG061910.D\data.ms

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

3.483min (-0.005) 1.26 ng/uL

response 1461

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	96.29
34.00	0.00	0.00
0.00	0.00	0.00

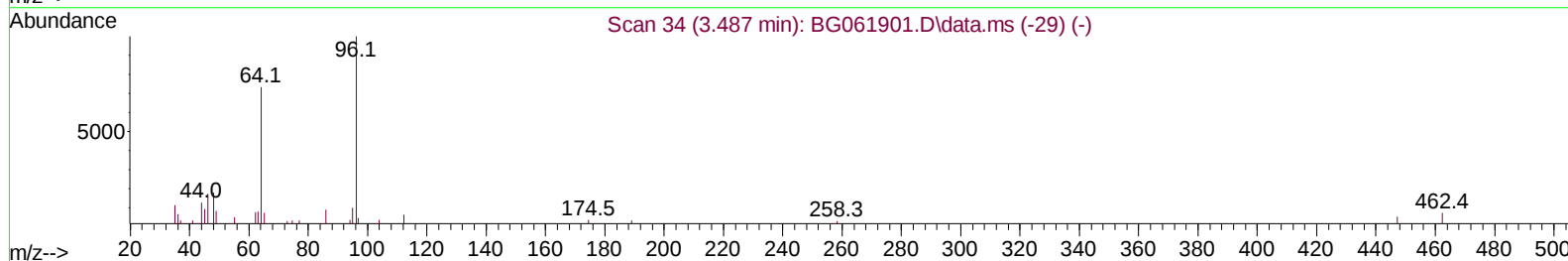
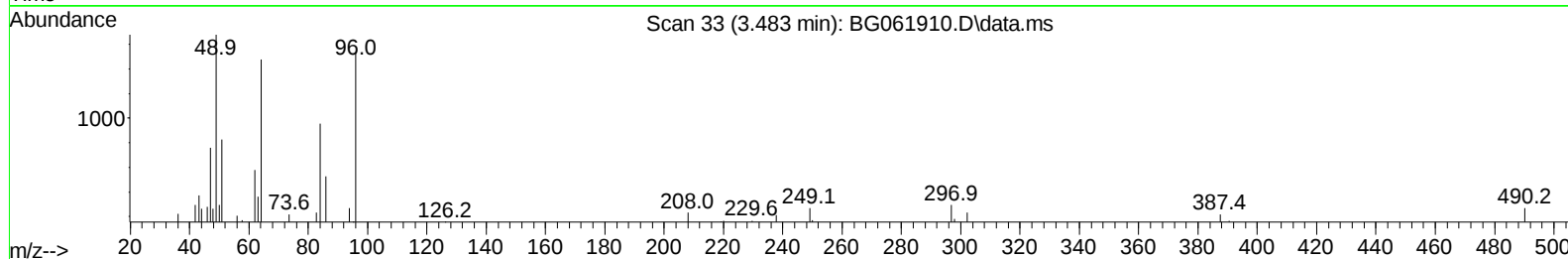
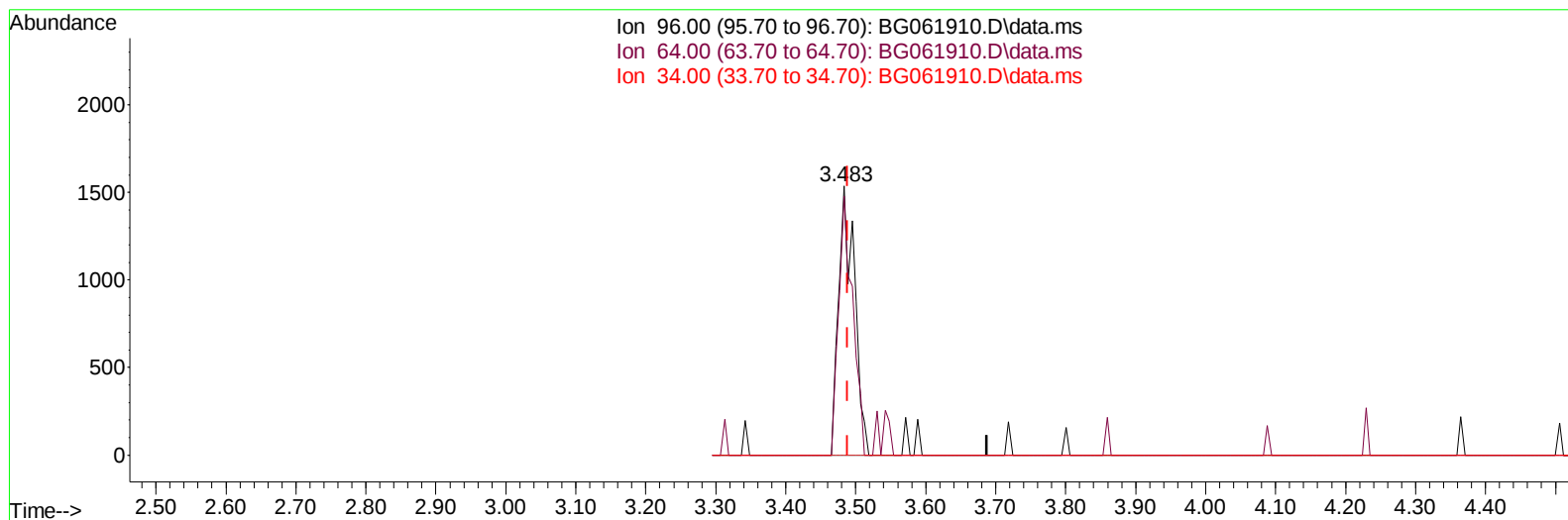
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061910.D
 Acq On : 6 Jul 2024 00:33
 Operator : MA/JU
 Sample : P2982-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CG0

Manual IntegrationsAPPROVED

Quant Time: Jul 06 01:56:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024



TIC: BG061910.D\data.ms

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

3.483min (-0.005) 2.07 ng/uL m

response 2409

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	96.29
34.00	0.00	0.00
0.00	0.00	0.00

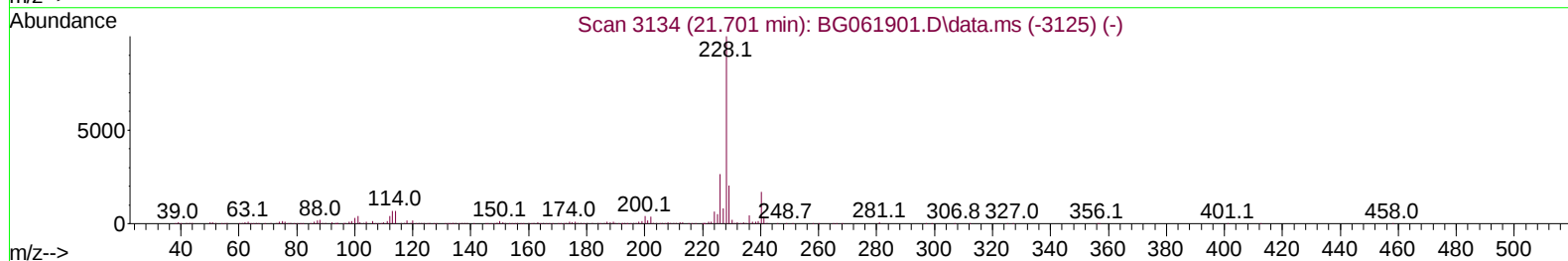
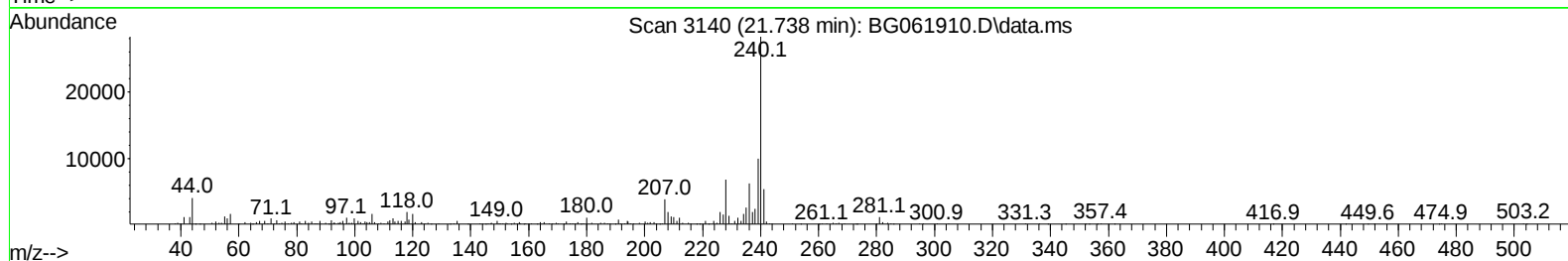
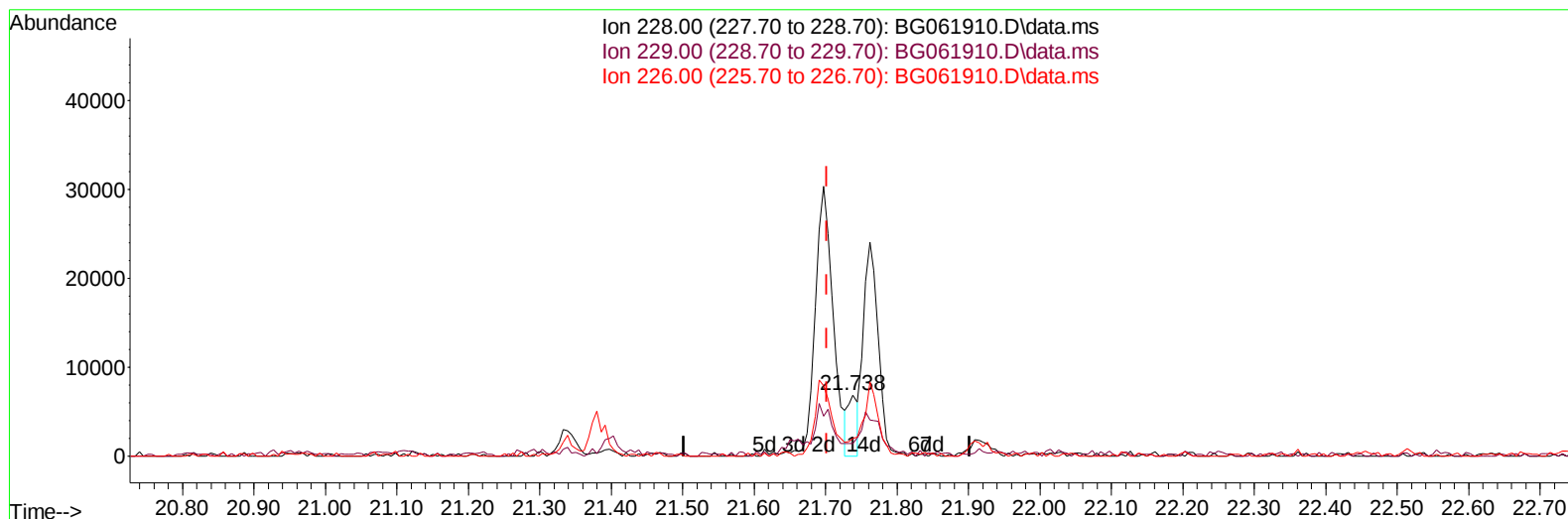
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061910.D
 Acq On : 6 Jul 2024 00:33
 Operator : MA/JU
 Sample : P2982-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024



TIC: BG061910.D\data.ms

(85) Benzo(a)anthracene

21.738min (+ 0.037) 0.28 ng/u1

response 6614

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.39
226.00	27.10	28.50
0.00	0.00	0.00

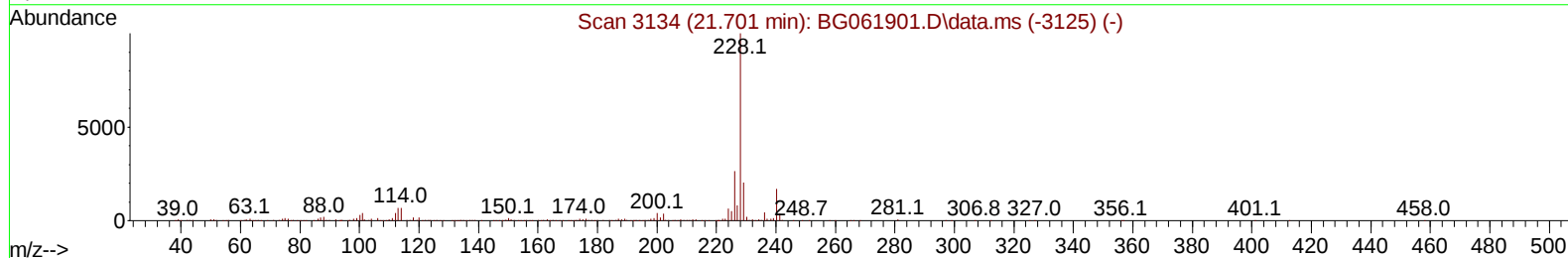
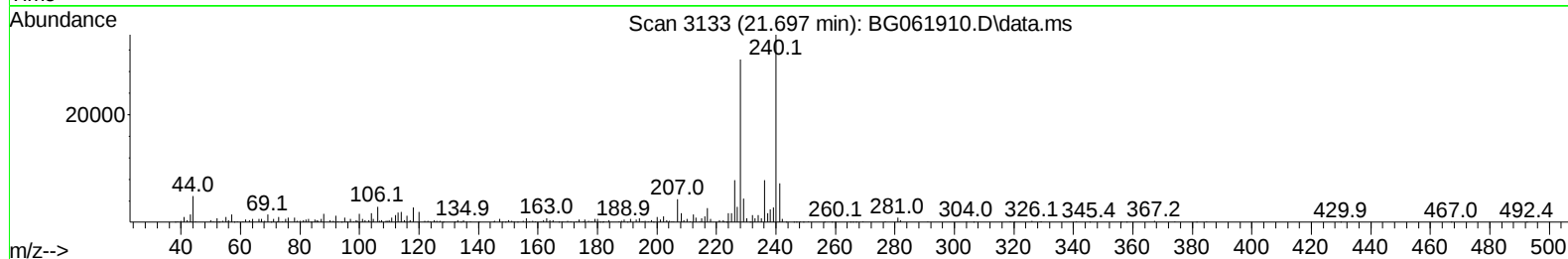
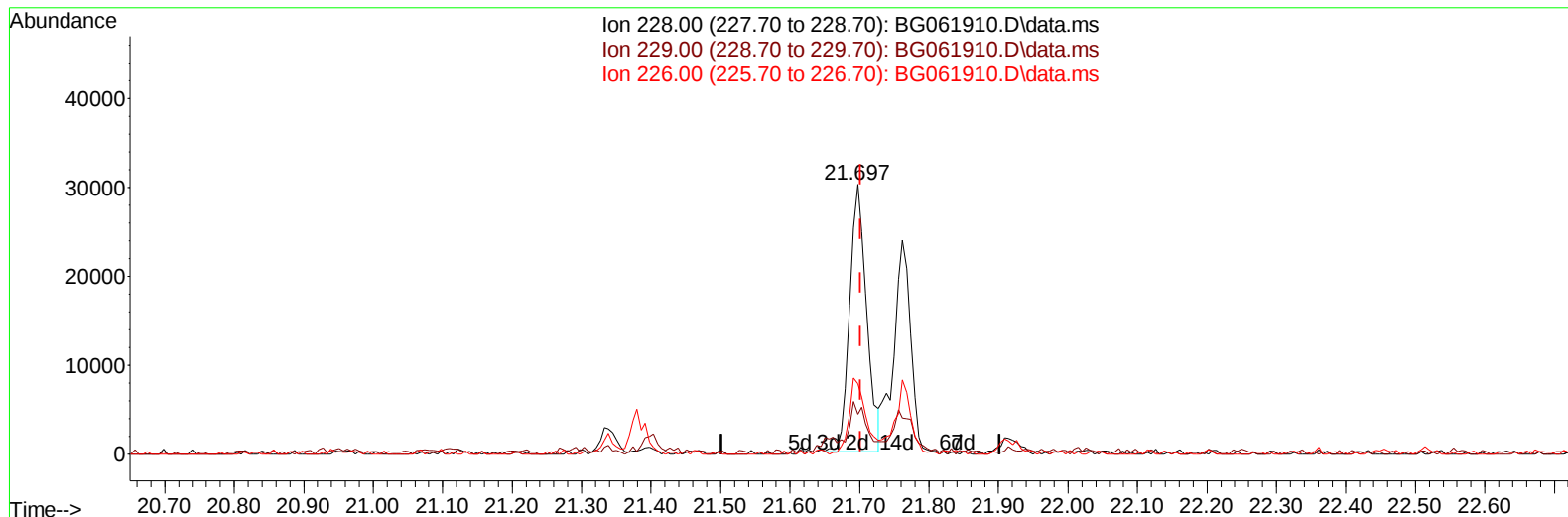
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061910.D
 Acq On : 6 Jul 2024 00:33
 Operator : MA/JU
 Sample : P2982-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CG0

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:15:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024



TIC: BG061910.D\data.ms

(85) Benzo(a)anthracene

21.697min (-0.005) 2.20 ng/ul m

response 51286

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	14.77#
226.00	27.10	26.14
0.00	0.00	0.00

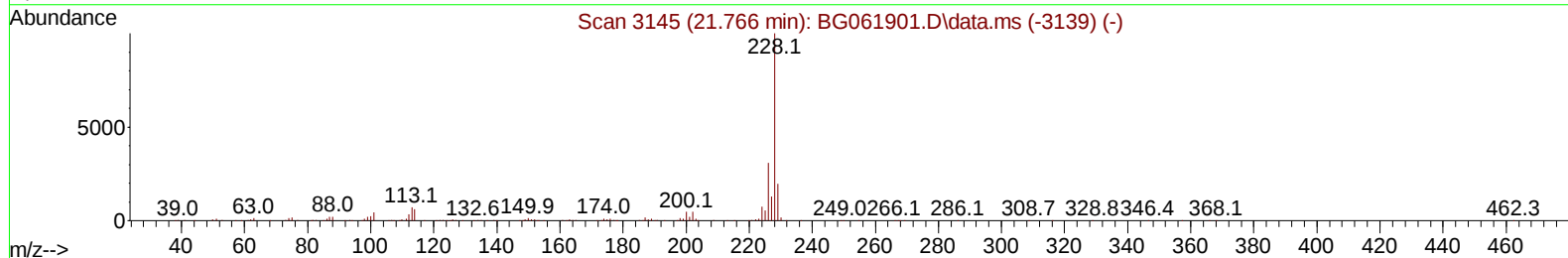
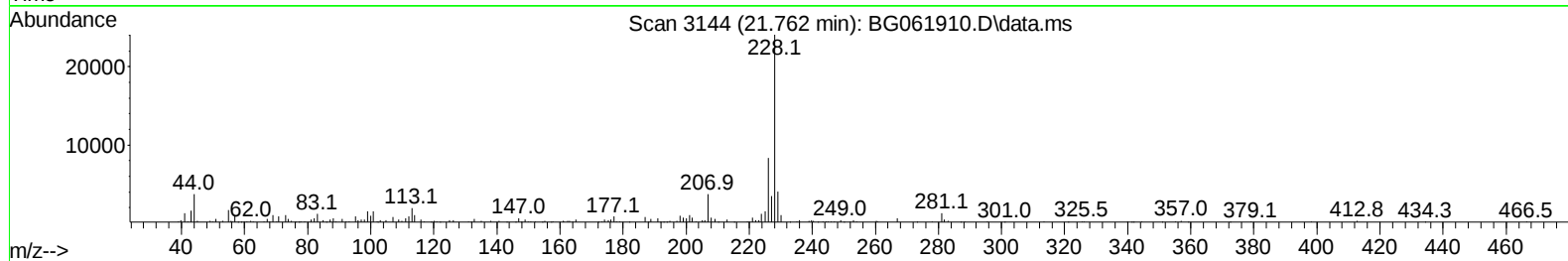
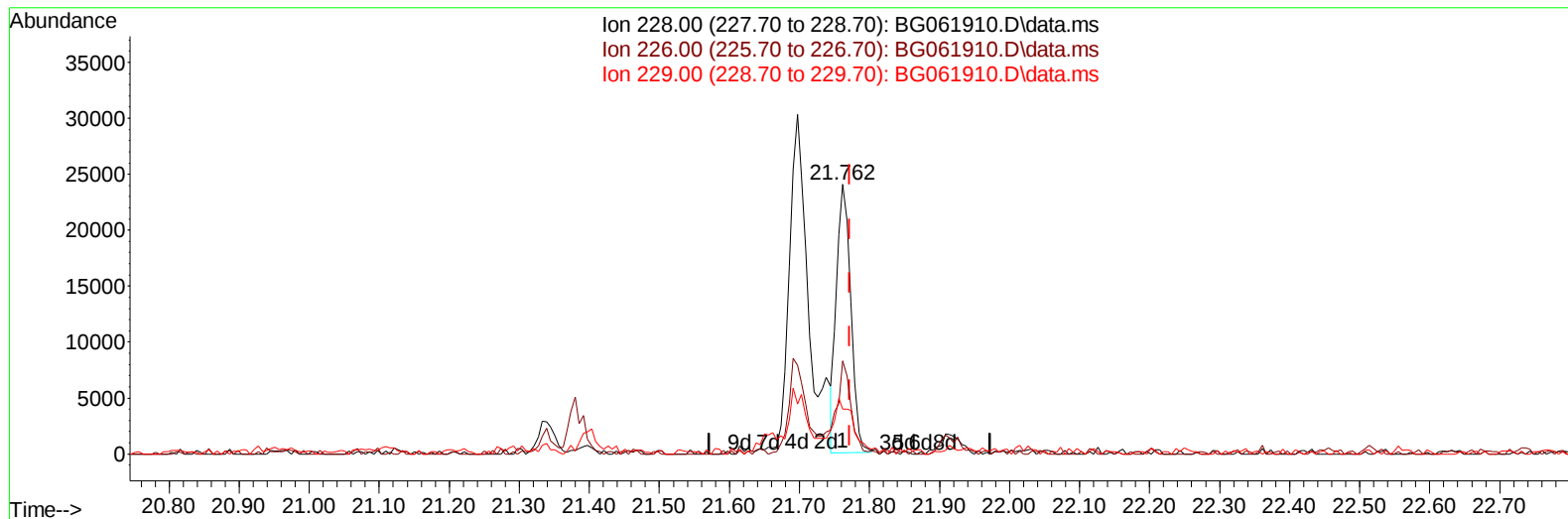
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061910.D
Acq On : 6 Jul 2024 00:33
Operator : MA/JU
Sample : P2982-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:15:38 2024
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QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061910.D\data.ms

(87) Chrysene

21.762min (-0.010) 1.58 ng/u1

response 34455

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	34.65
229.00	19.40	16.68
0.00	0.00	0.00

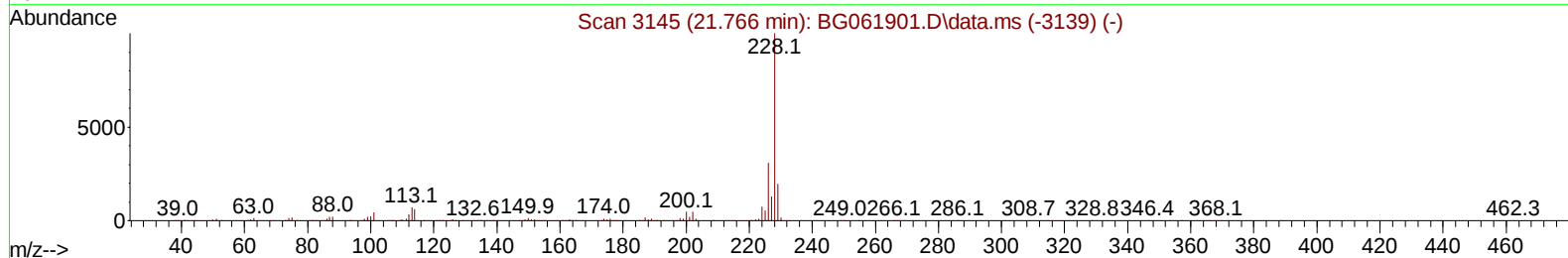
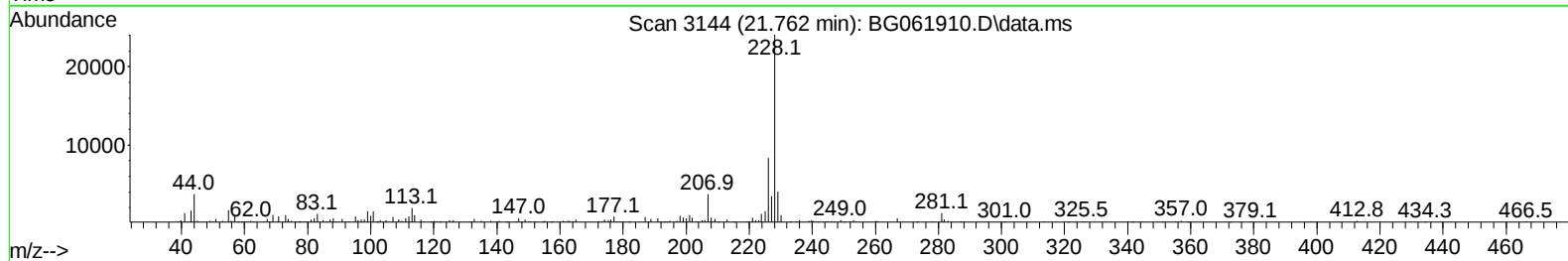
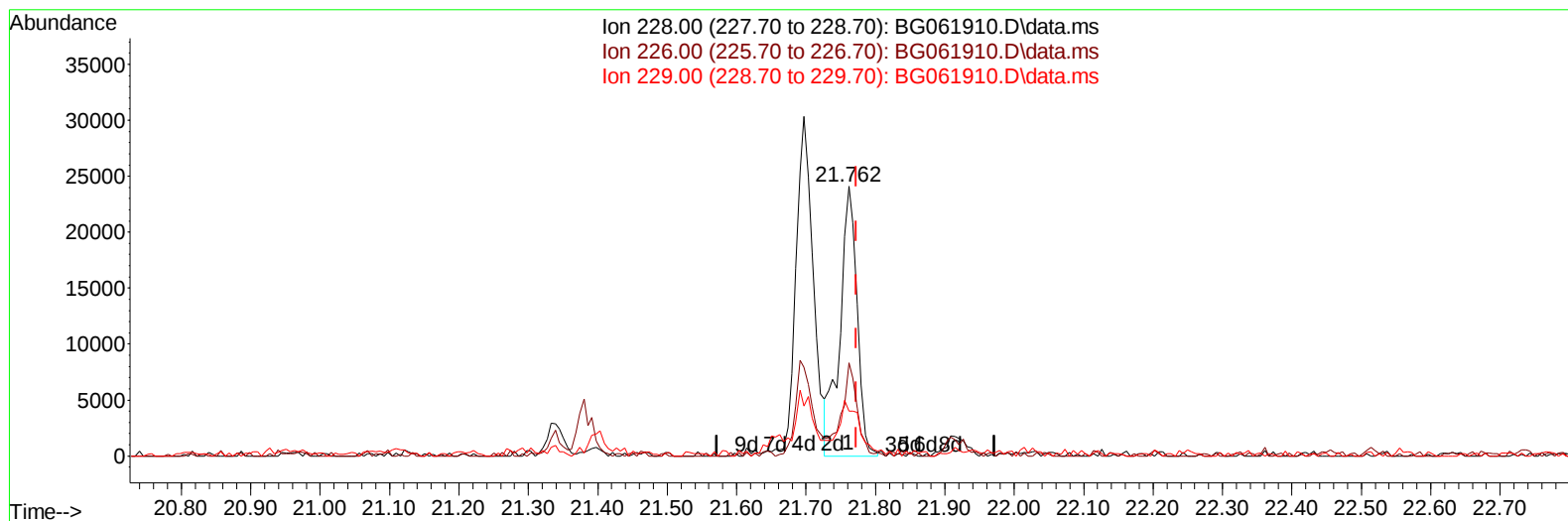
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061910.D
Acq On : 6 Jul 2024 00:33
Operator : MA/JU
Sample : P2982-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CG0

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:15:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061910.D\data.ms

(87) Chrysene

21.762min (-0.010) 1.90 ng/u1 m

response 41441

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	34.65
229.00	19.40	16.68
0.00	0.00	0.00

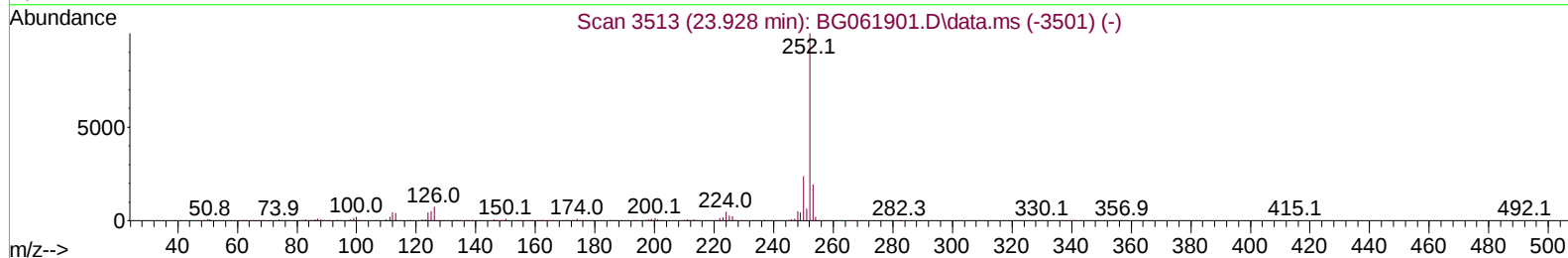
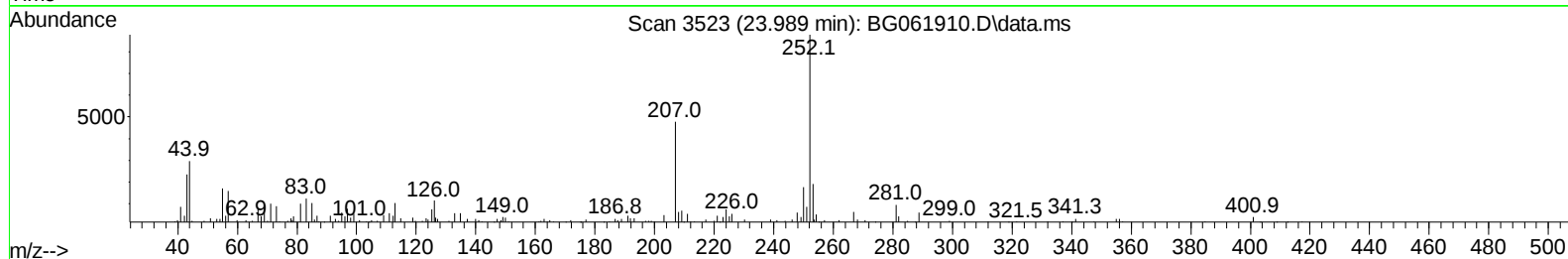
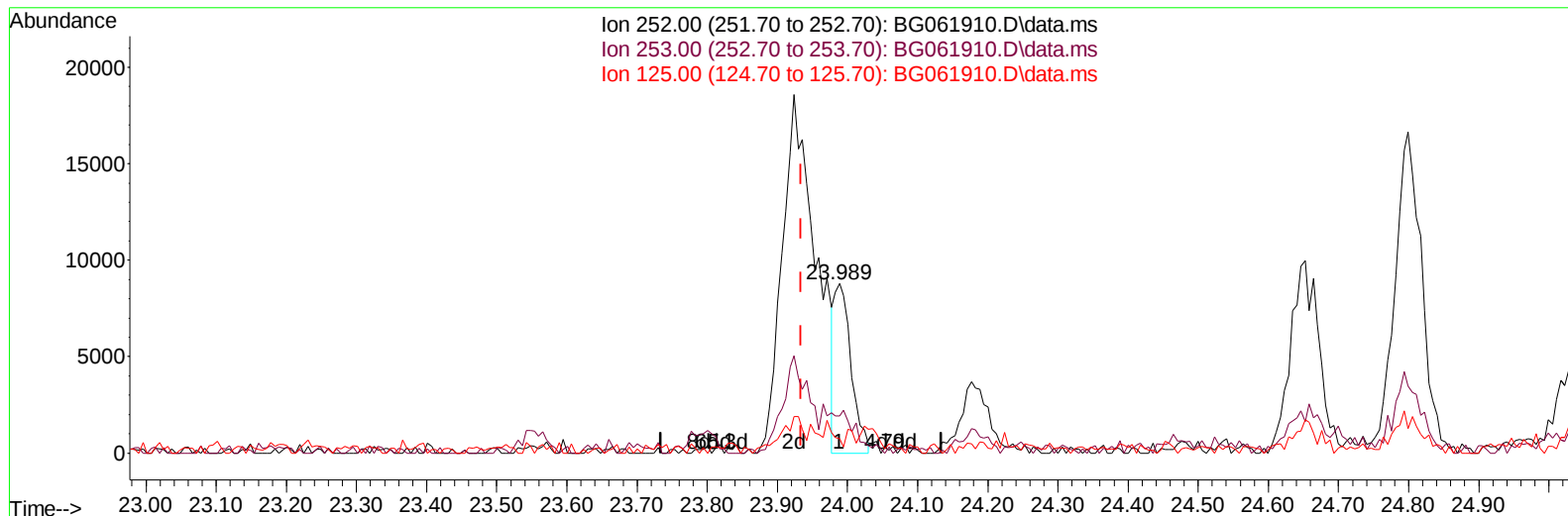
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Data File : BG061910.D
Acq On : 6 Jul 2024 00:33
Operator : MA/JU
Sample : P2982-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CG0

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:10:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061910.D\data.ms

(90) Benzo(b)fluoranthene

23.989min (+ 0.054) 0.59 ng/u1

response 14661

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	24.87
125.00	7.60	8.30
0.00	0.00	0.00

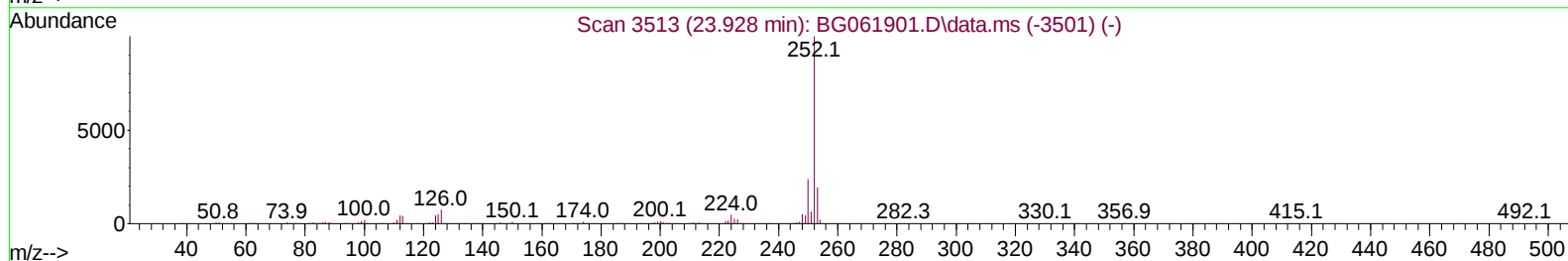
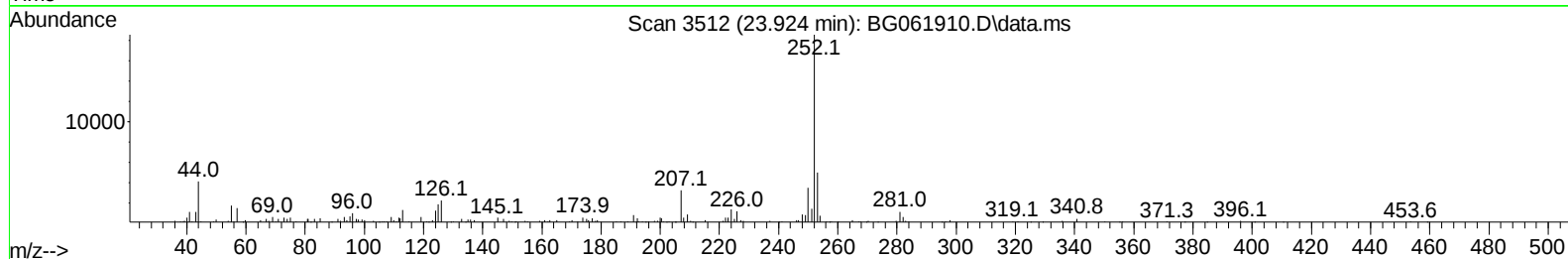
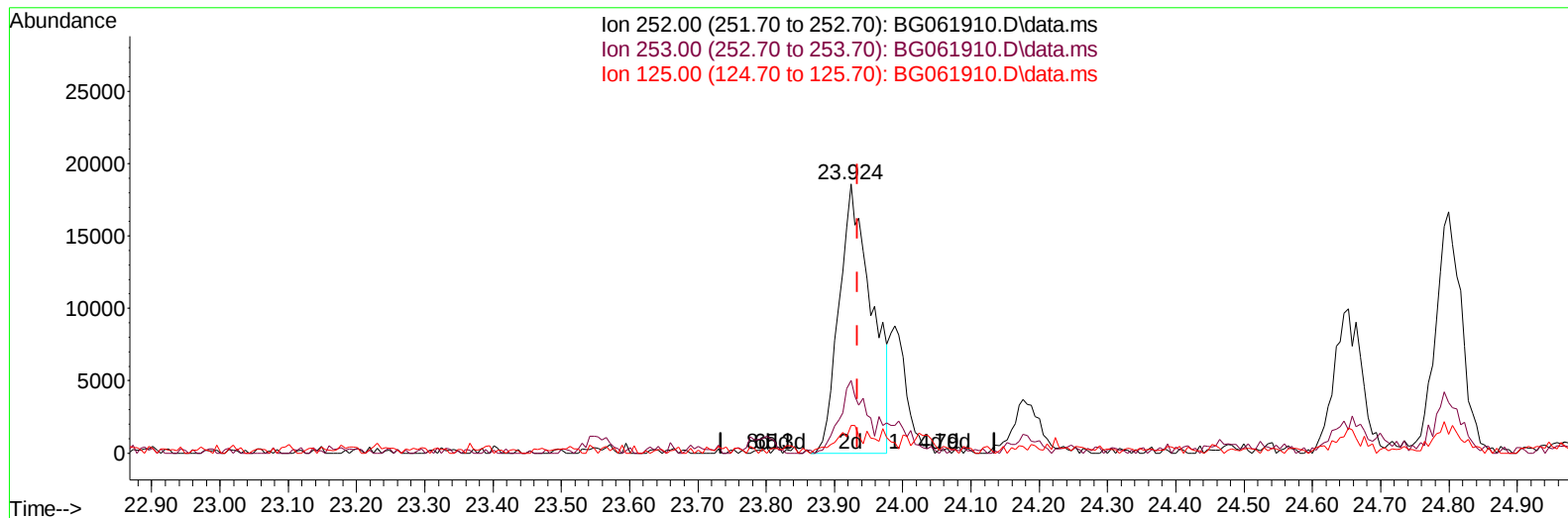
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061910.D
Acq On : 6 Jul 2024 00:33
Operator : MA/JU
Sample : P2982-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CG0

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:10:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061910.D\data.ms

(90) Benzo(b)fluoranthene

23.924min (-0.010) 2.50 ng/u1 m

response 61640

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	27.10#
125.00	7.60	10.17#
0.00	0.00	0.00

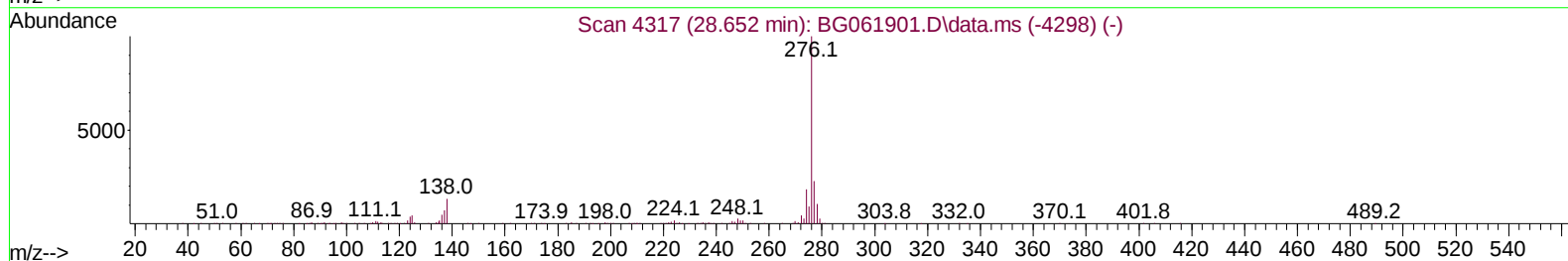
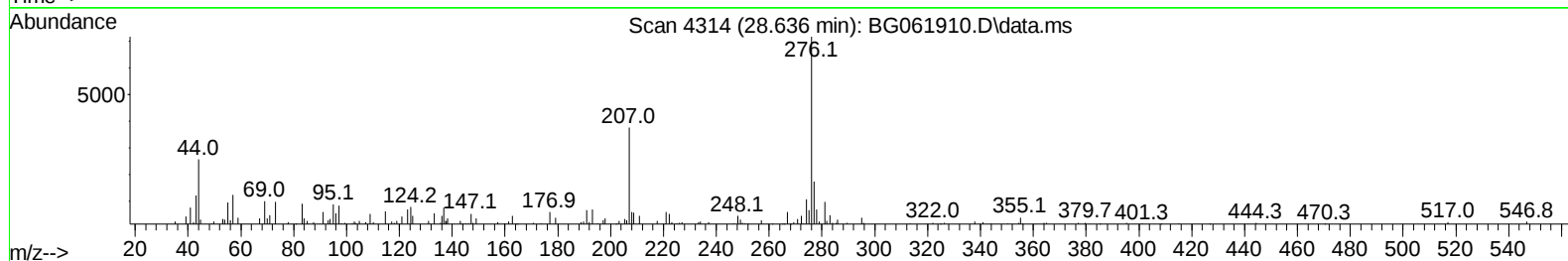
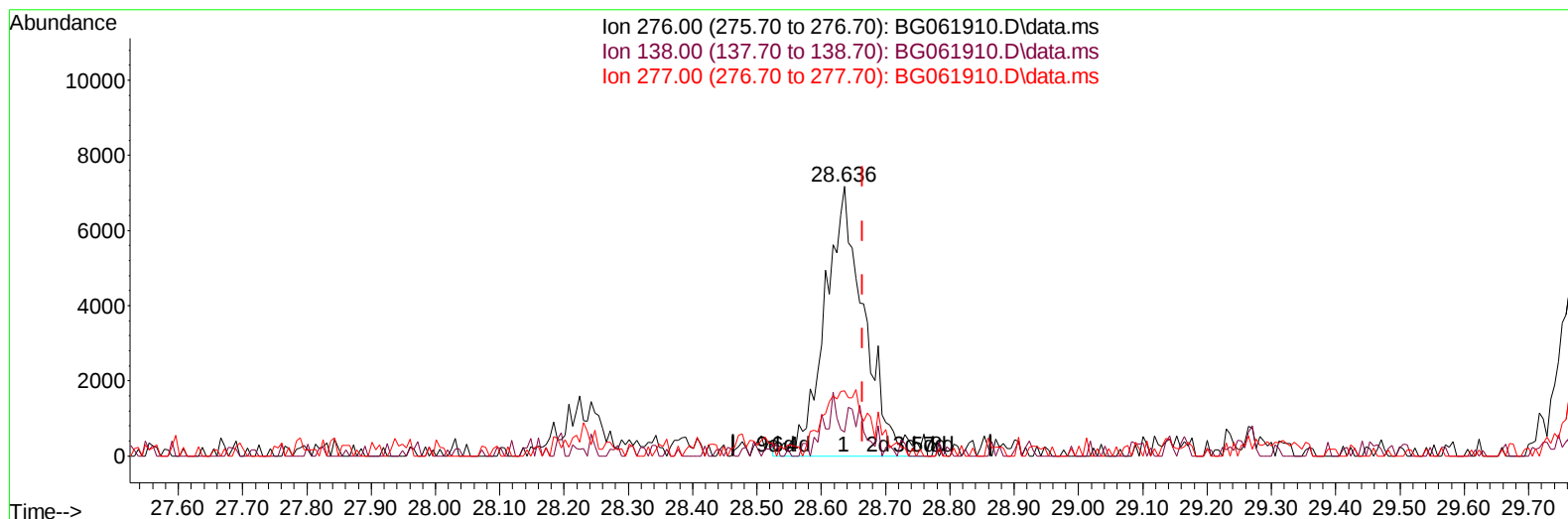
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
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Operator : MA/JU
Sample : P2982-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CG0

Manual IntegrationsAPPROVED

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TIC: BG061910.D\data.ms

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

28.636min (-0.028) 1.03 ng/ul m

response 30824

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	4.96#
277.00	24.10	24.25
0.00	0.00	0.00

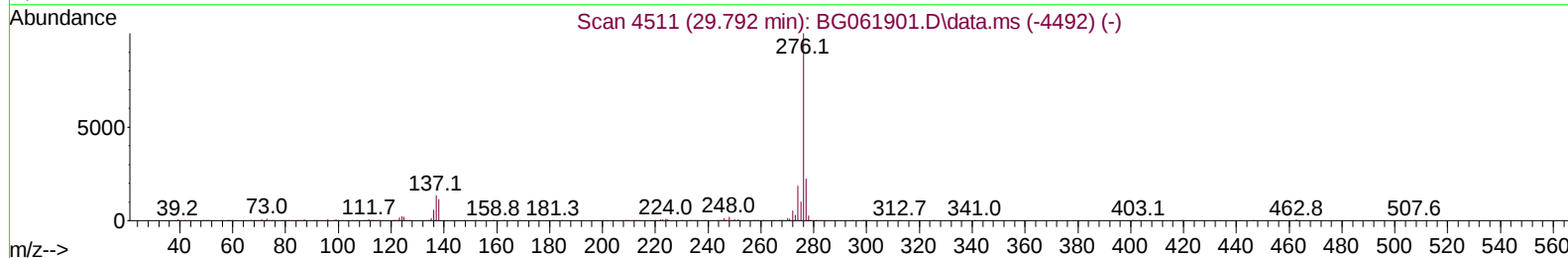
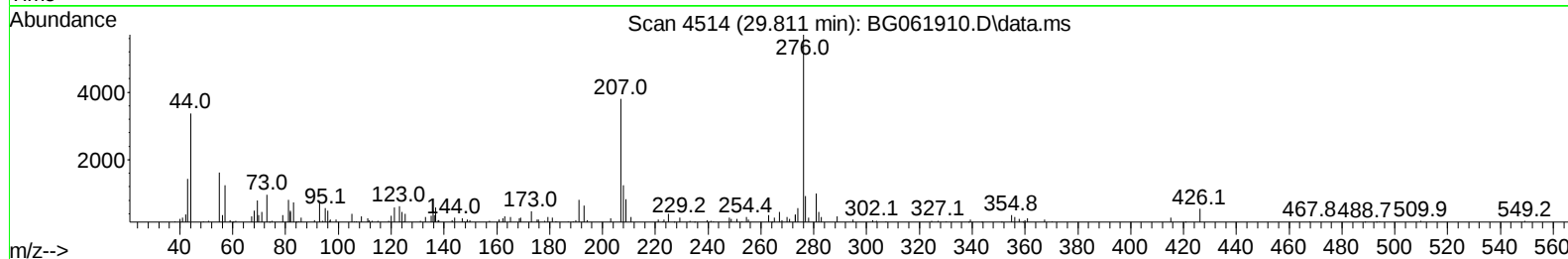
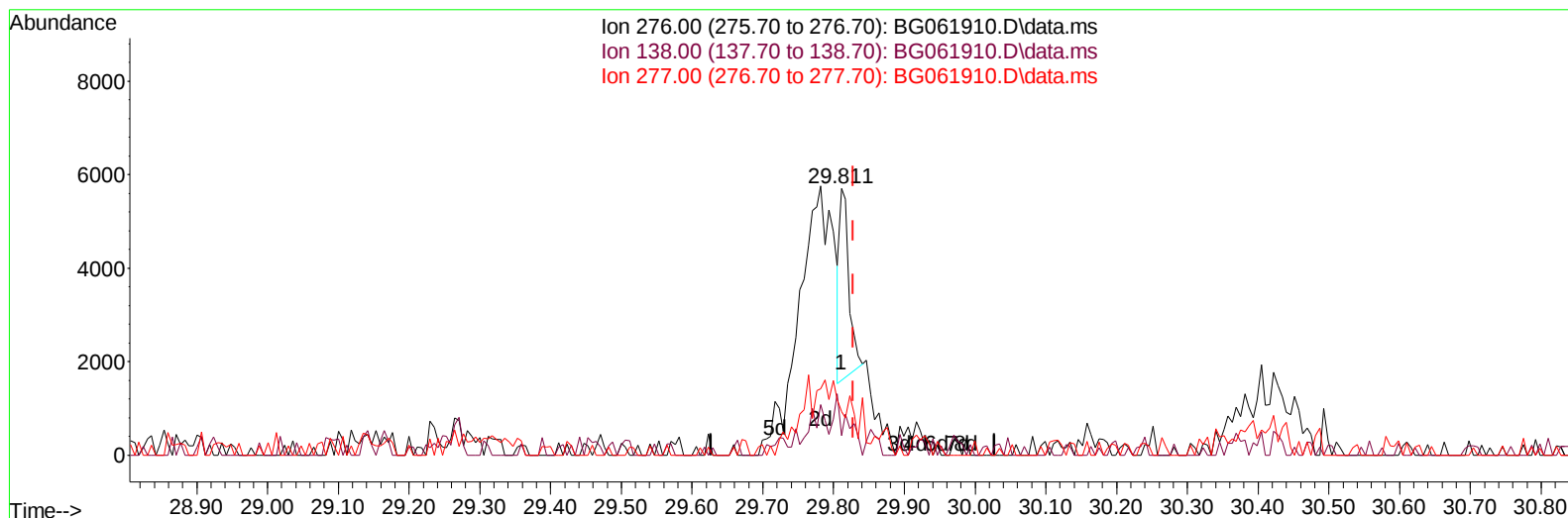
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
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Acq On : 6 Jul 2024 00:33
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CG0

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/09/2024



TIC: BG061910.D\data.ms

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

29.811min (-0.016) 0.15 ng/u1

response 3670

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	7.36#
277.00	23.50	16.22#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
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Instrument :
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 A4CG0

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:27:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	43707	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	223633	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.717	164	159662	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.455	188	365448	20.000	ng/ul	0.00
79) Chrysene-d12	21.721	240	322362	20.000	ng/ul	# 0.00
88) Perylene-d12	24.958	264	391655	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.483	96	2409m	2.071	ng/uL	0.00
4) Pyridine-d5	3.906	84	36111	10.097	ng/ul	0.00
7) Phenol-d5	7.243	99	78247	16.359	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.414	67	47925	15.822	ng/ul	0.00
11) 2-Chlorophenol-d4	7.625	132	58163	17.727	ng/ul	0.00
15) 4-Methylphenol-d8	8.795	113	61344	16.289	ng/ul	0.00
21) Nitrobenzene-d5	9.265	128	30698	18.049	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	36655	18.872	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	64985	17.346	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	78325	14.401	ng/ul	0.00
46) Dimethylphthalate-d6	14.118	166	236084	17.985	ng/ul	0.00
49) Acenaphthylene-d8	14.412	160	260564	18.984	ng/ul	0.00
54) 4-Nitrophenol-d4	14.905	143	34744	16.575	ng/ul	-0.01
60) Fluorene-d10	15.704	176	208196	18.841	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	32241	16.799	ng/ul	-0.01
73) Anthracene-d10	17.555	188	311326	18.247	ng/ul	0.00
81) Pyrene-d10	19.835	212	362563	19.122	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.729	264	370074	19.052	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.502	178	43968	2.282	ng/ul	97
80) Fluoranthene	19.500	202	95840	4.271	ng/ul#	97
82) Pyrene	19.864	202	85787	3.701	ng/ul#	94
85) Benzo(a)anthracene	21.697	228	51286m	2.197	ng/ul	
87) Chrysene	21.762	228	41441m	1.897	ng/ul	
90) Benzo(b)fluoranthene	23.924	252	61640m	2.498	ng/ul	
93) Benzo(a)pyrene	24.799	252	44307	1.896	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.636	276	30824m	1.032	ng/ul	
96) Benzo(g,h,i)perylene	29.782	276	29449m	1.240	ng/ul	

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

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Manual IntegrationsAPPROVED

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