

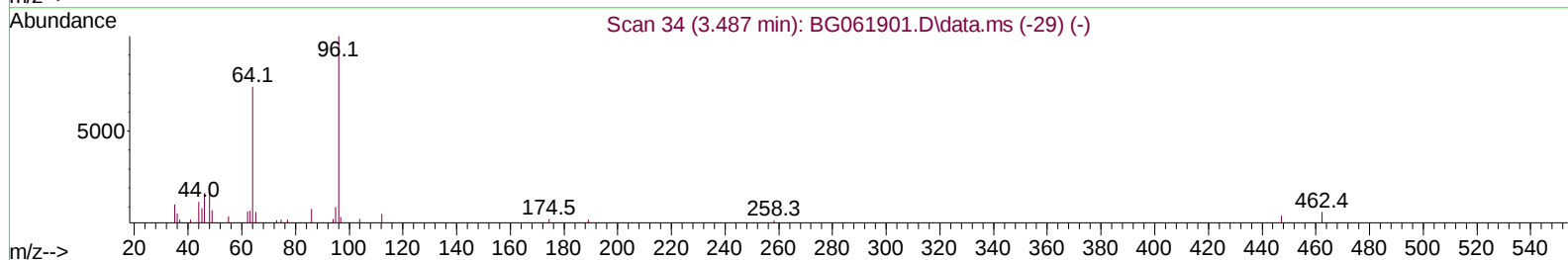
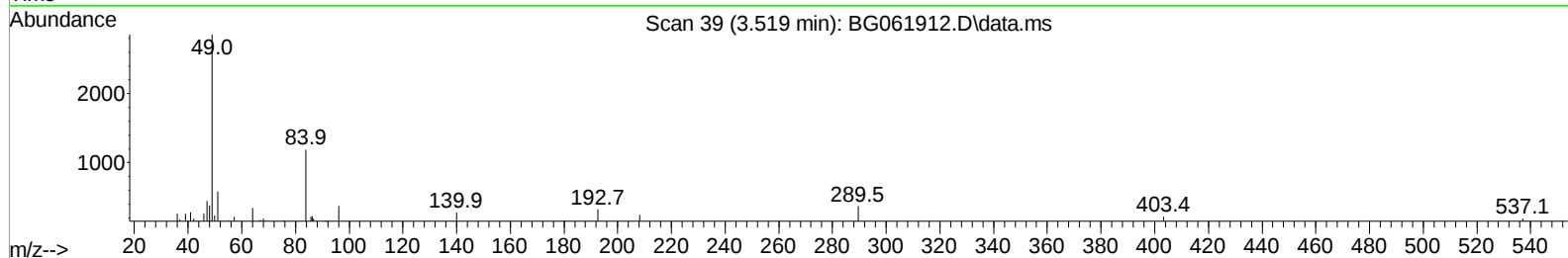
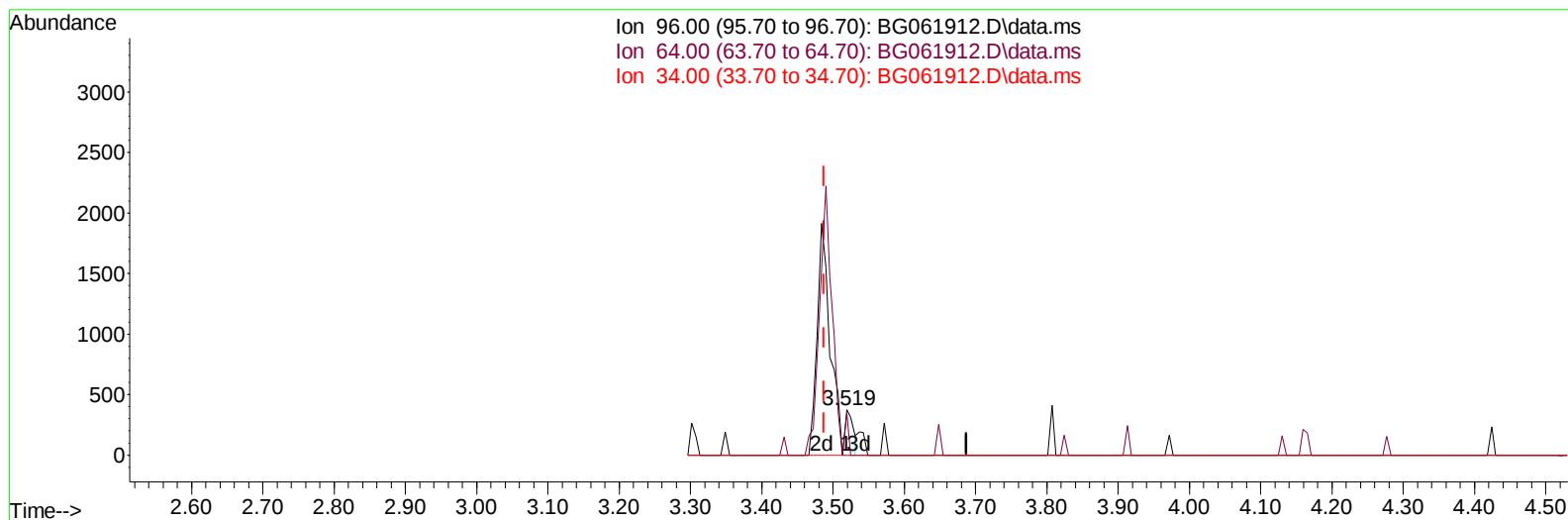
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061912.D
Acq On : 6 Jul 2024 1:55
Operator : MA/JU
Sample : P2982-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF5

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:51:16 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: BG061912.D\data.ms

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

3.519min (+ 0.031) 0.37 ng/uL

response 298

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	91.47
34.00	0.00	0.00
0.00	0.00	0.00

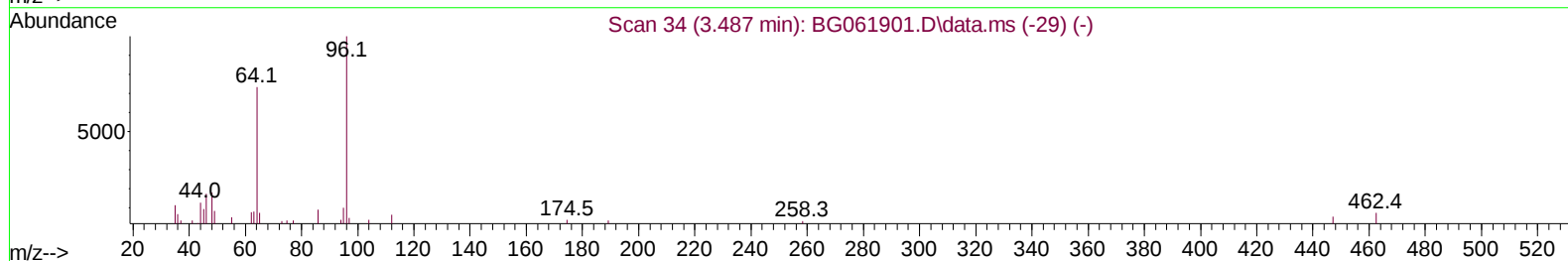
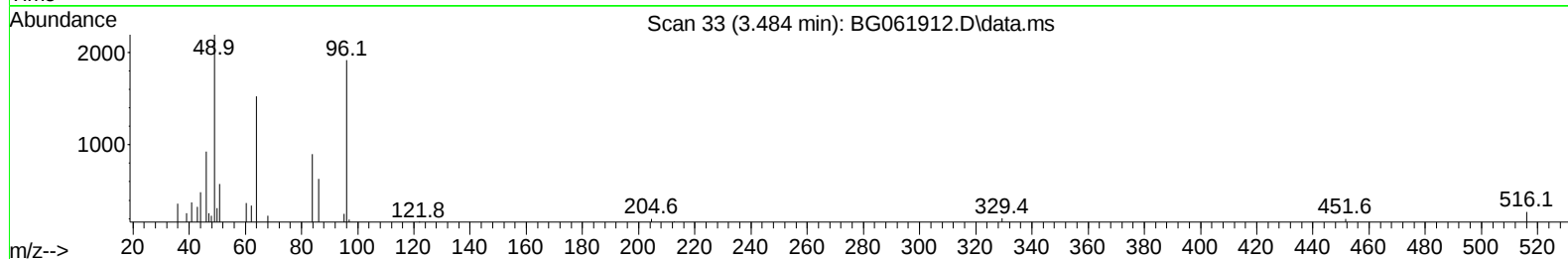
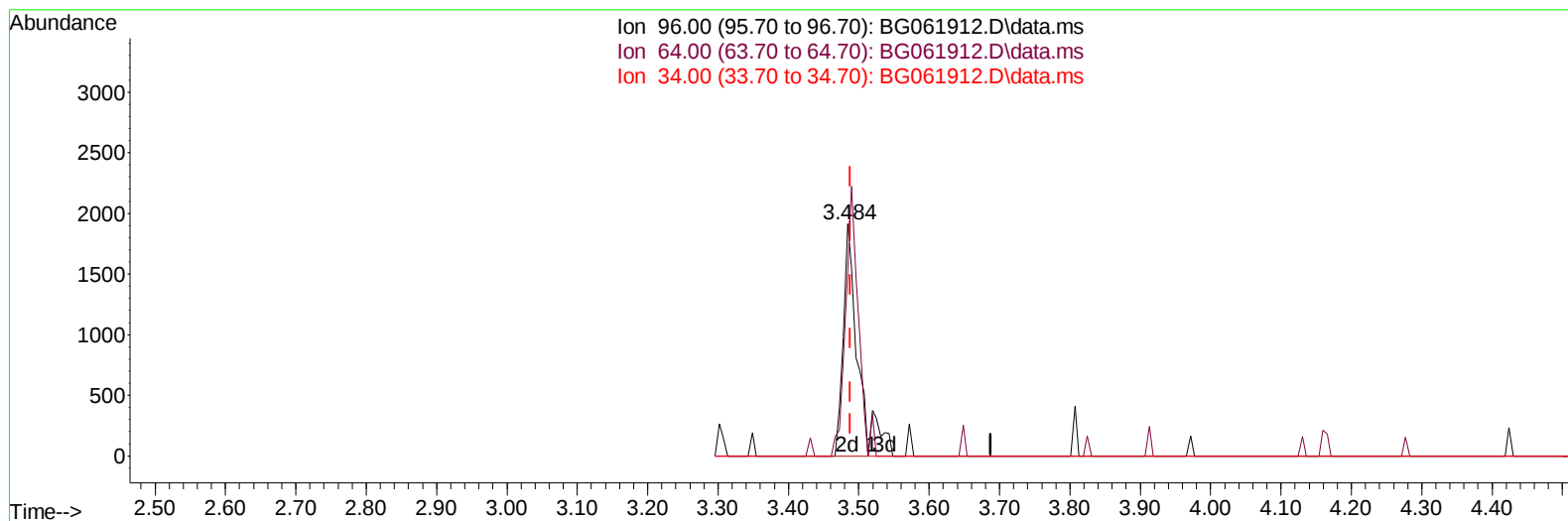
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061912.D
Acq On : 6 Jul 2024 1:55
Operator : MA/JU
Sample : P2982-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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

Quant Time: Jul 06 02:51:16 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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TIC: BG061912.D\data.ms

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

3.484min (-0.004) 3.04 ng/uL m

response 2425

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	79.77#
34.00	0.00	0.00
0.00	0.00	0.00

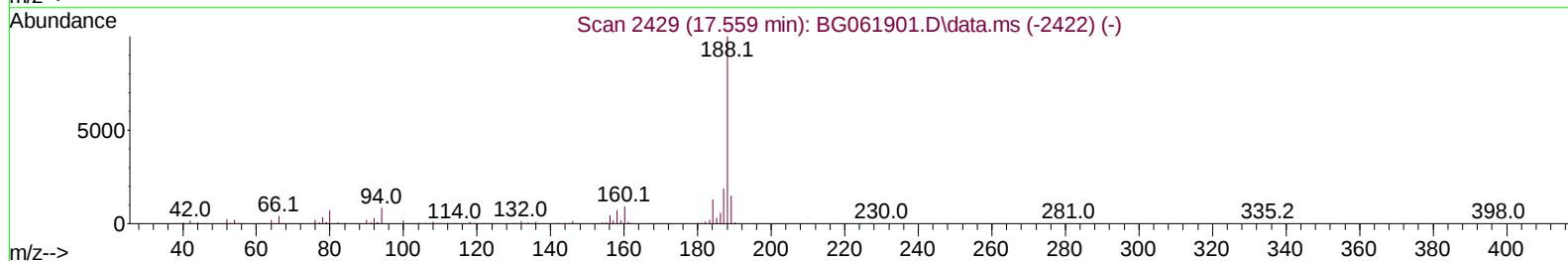
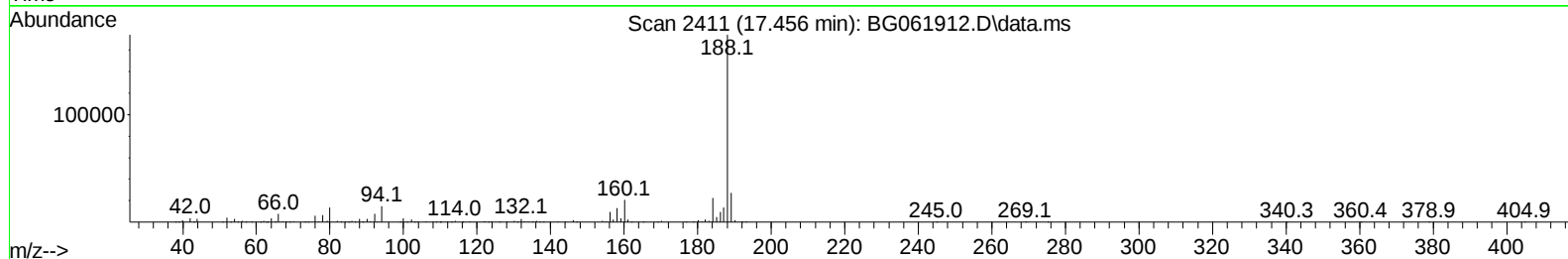
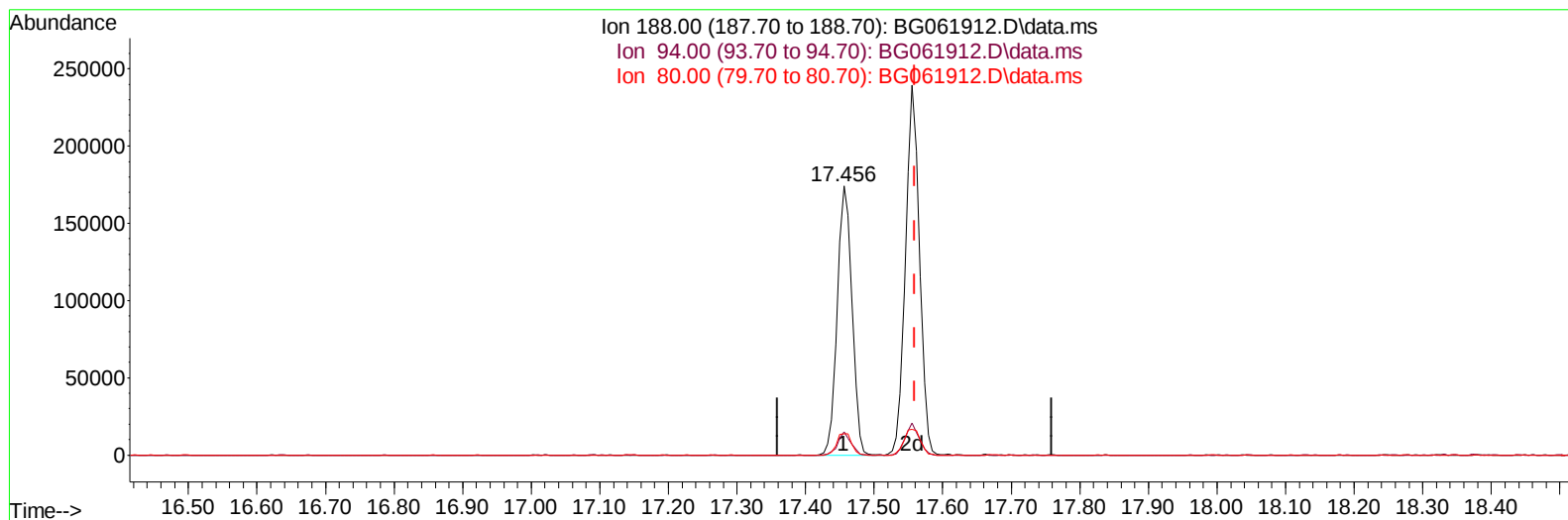
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061912.D
Acq On : 6 Jul 2024 1:55
Operator : MA/JU
Sample : P2982-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061912.D\data.ms

(73) Anthracene-d10 (S)

17.456min (-0.104) 21.42 ng/u1

response 258730

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.00	8.61
80.00	9.40	7.94
0.00	0.00	0.00

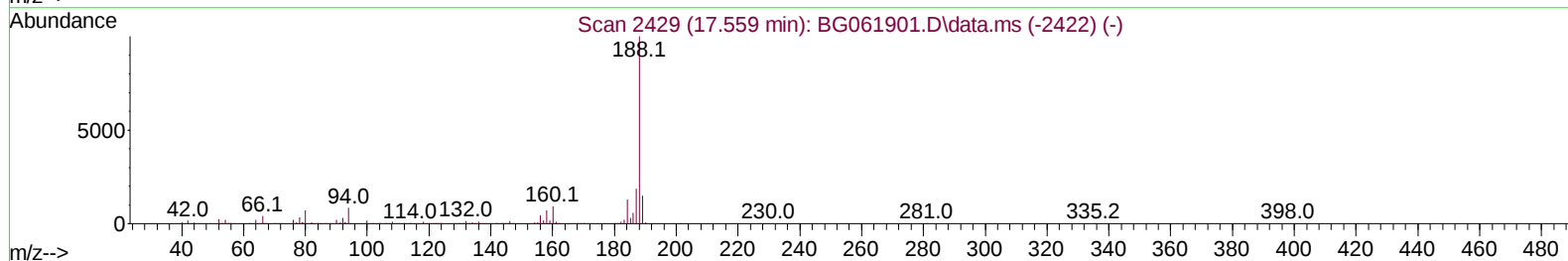
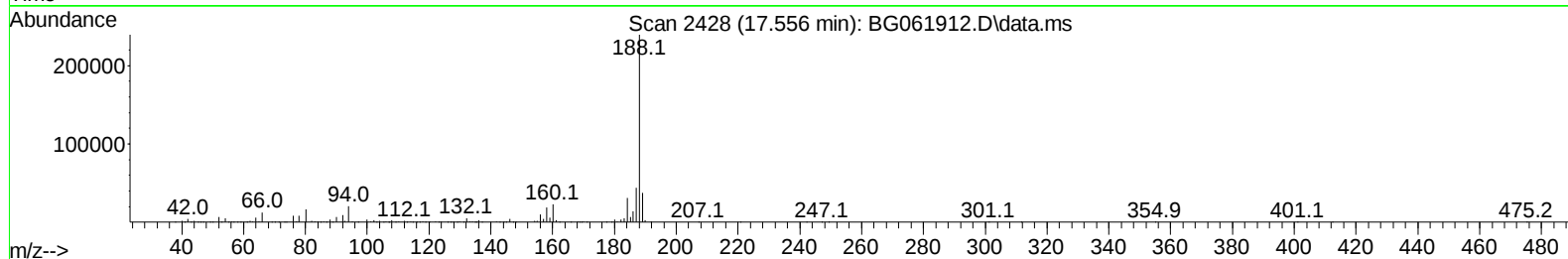
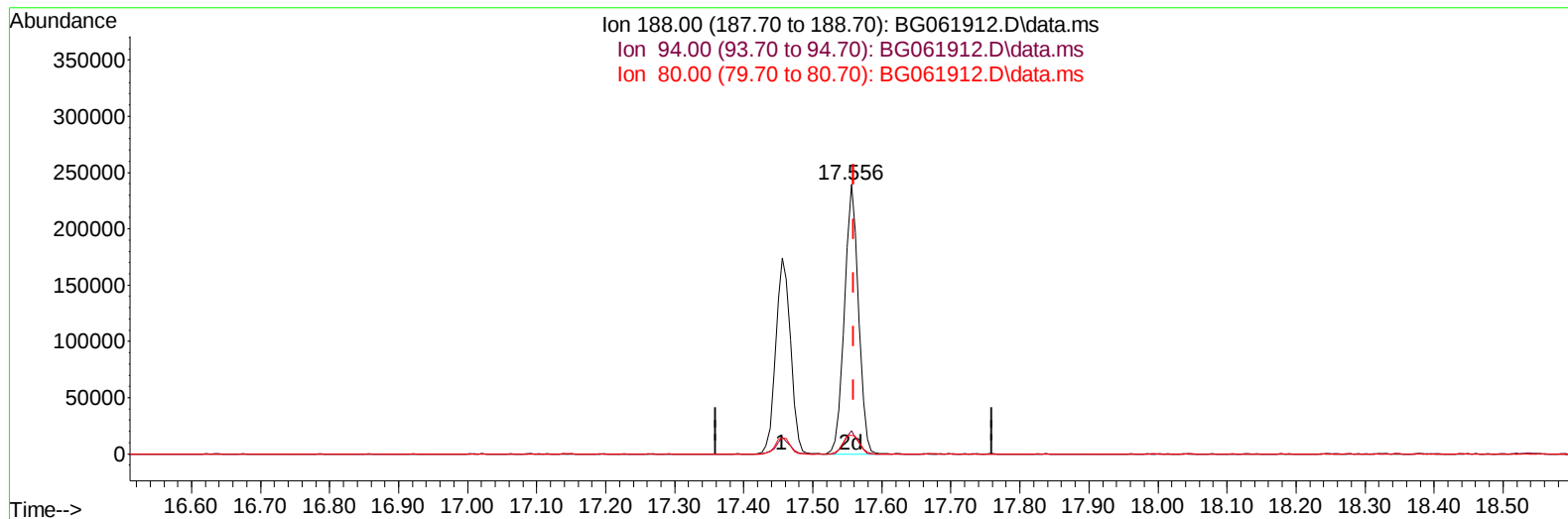
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061912.D
Acq On : 6 Jul 2024 1:55
Operator : MA/JU
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG061912.D\data.ms

(73) Anthracene-d10 (S)

17.556min (-0.004) 27.98 ng/u1 m

response 338009

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.00	8.66
80.00	9.40	6.93#
0.00	0.00	0.00

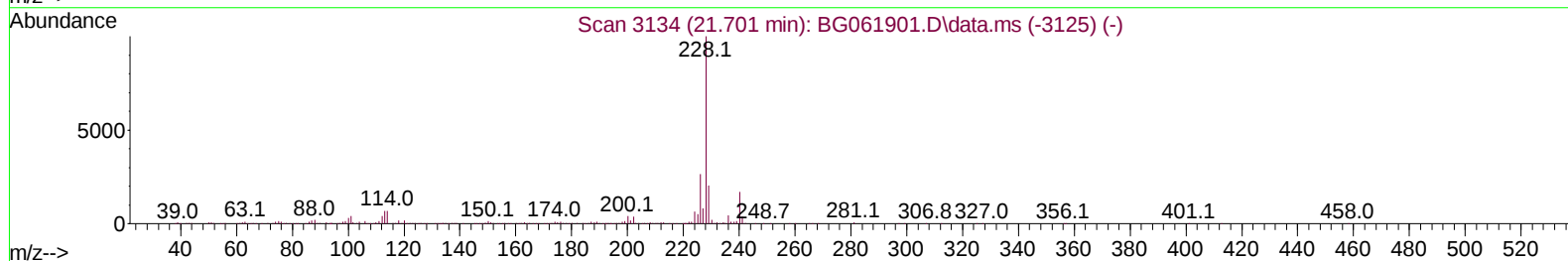
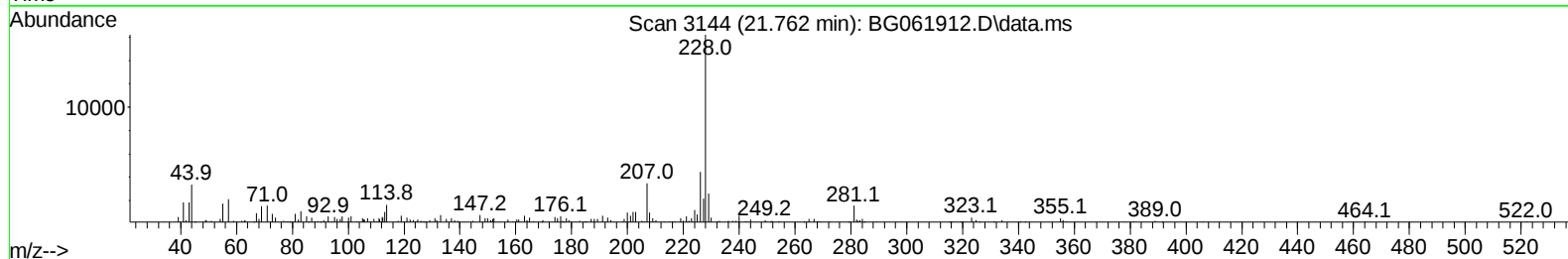
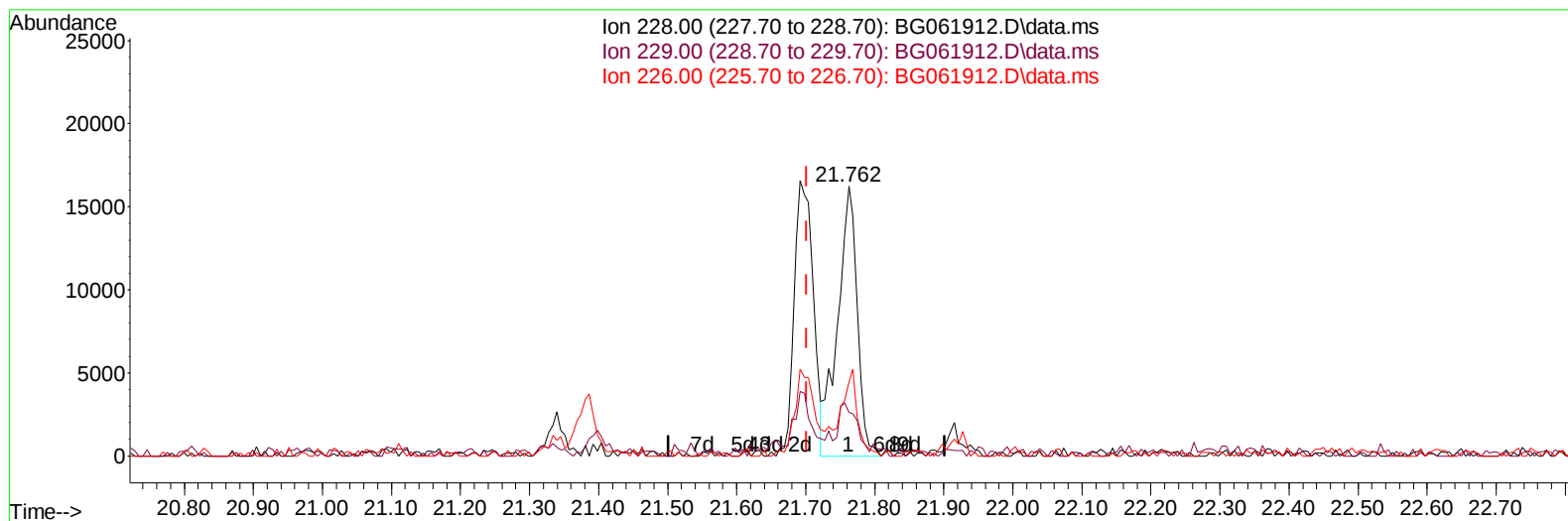
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Data File : BG061912.D
Acq On : 6 Jul 2024 1:55
Operator : MA/JU
Sample : P2982-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061912.D\data.ms

(85) Benzo(a)anthracene

21.762min (+ 0.061) 1.86 ng/u1

response 32046

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	16.16
226.00	27.10	27.38
0.00	0.00	0.00

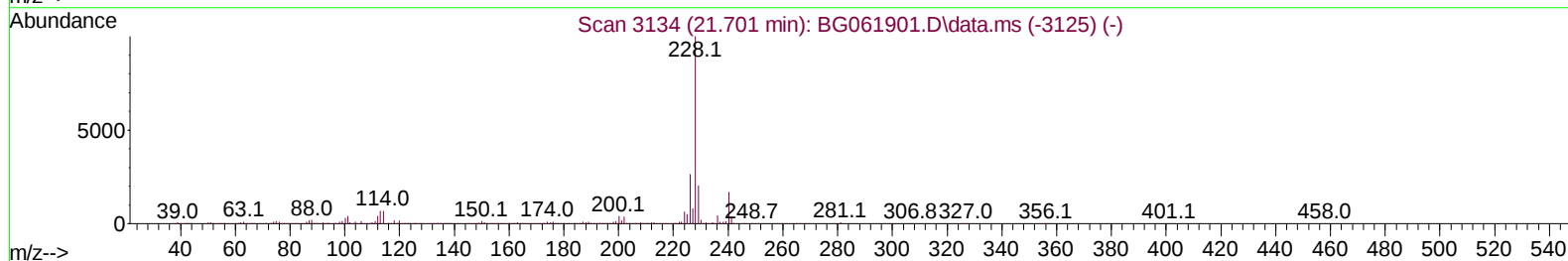
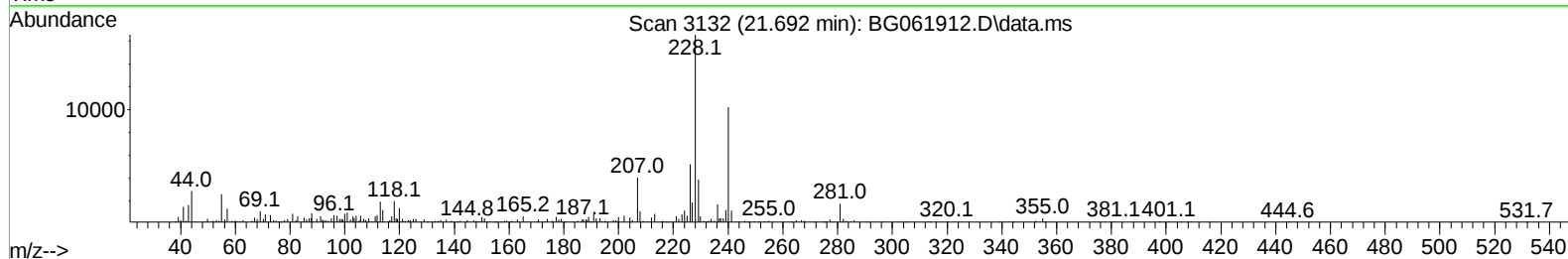
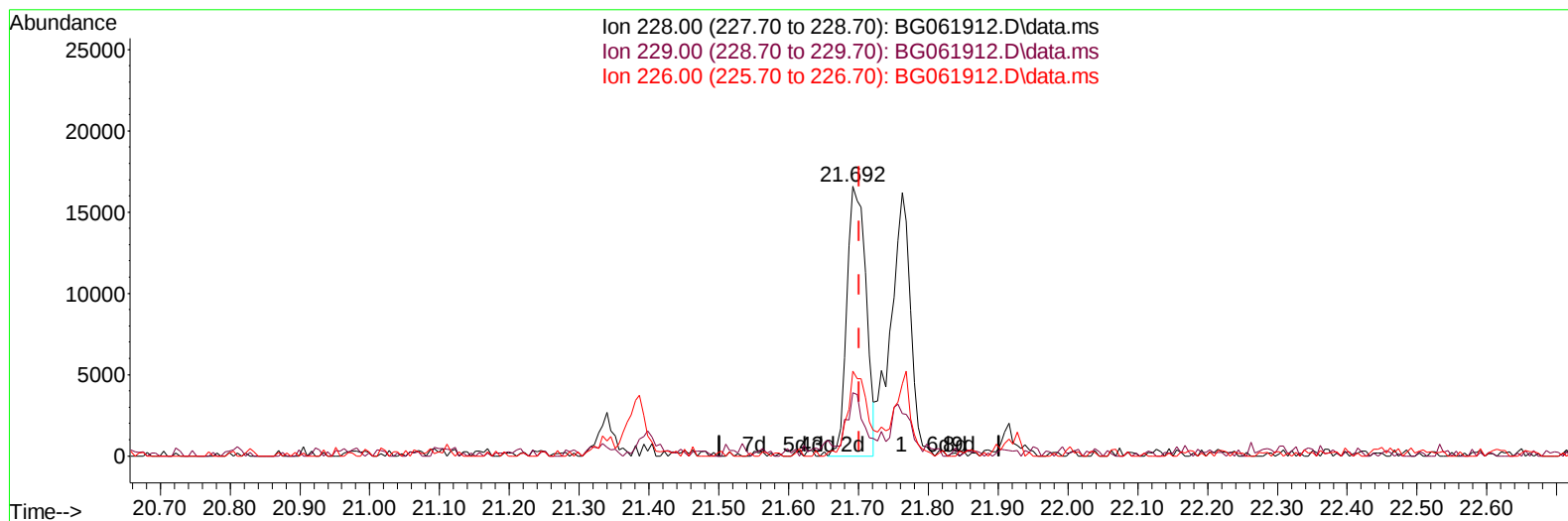
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061912.D
Acq On : 6 Jul 2024 1:55
Operator : MA/JU
Sample : P2982-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF5

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:54:24 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: BG061912.D\data.ms

(85) Benzo(a)anthracene

21.692min (-0.010) 1.84 ng/u1 m

response 31684

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	23.54#
226.00	27.10	31.47
0.00	0.00	0.00

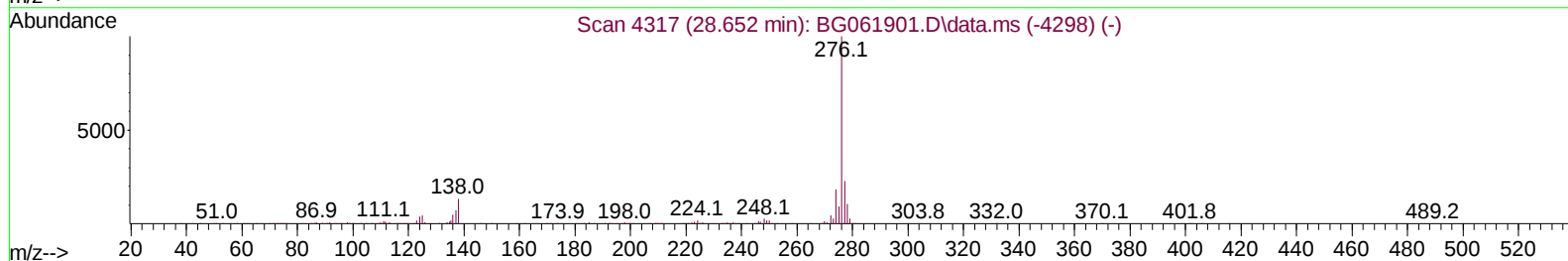
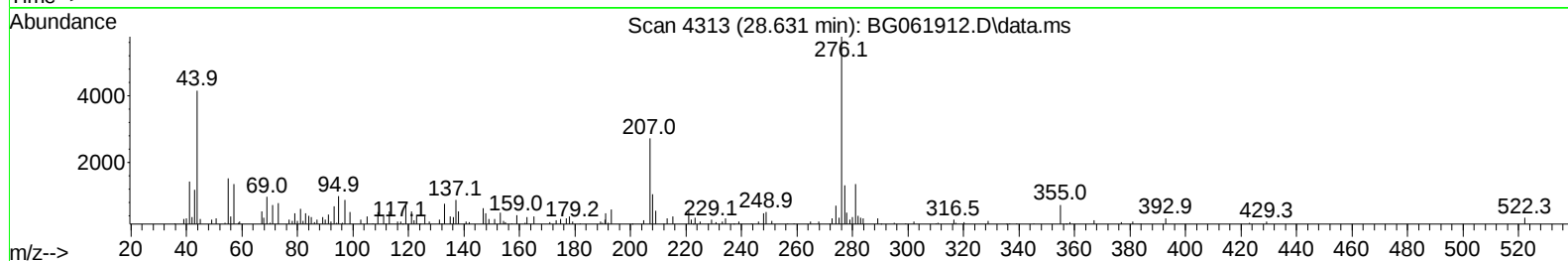
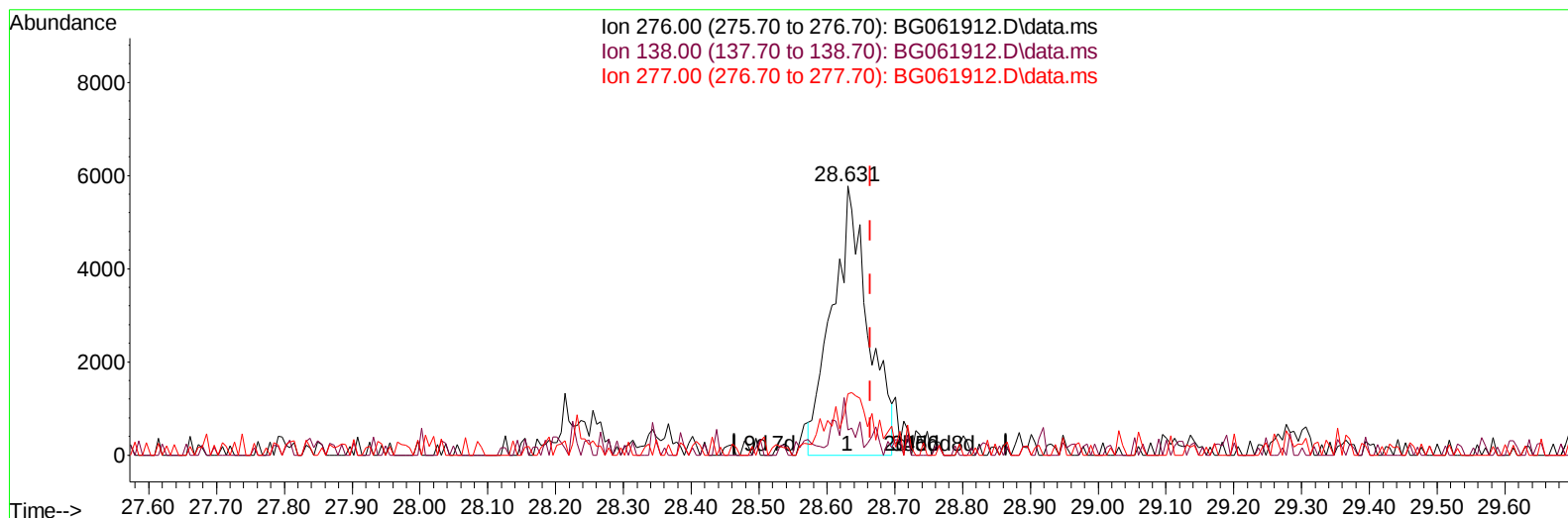
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061912.D
Acq On : 6 Jul 2024 1:55
Operator : MA/JU
Sample : P2982-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF5

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:56:53 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: BG061912.D\data.ms

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

28.631min (-0.033) 0.98 ng/u1

response 21162

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	9.35#
277.00	24.10	22.80
0.00	0.00	0.00

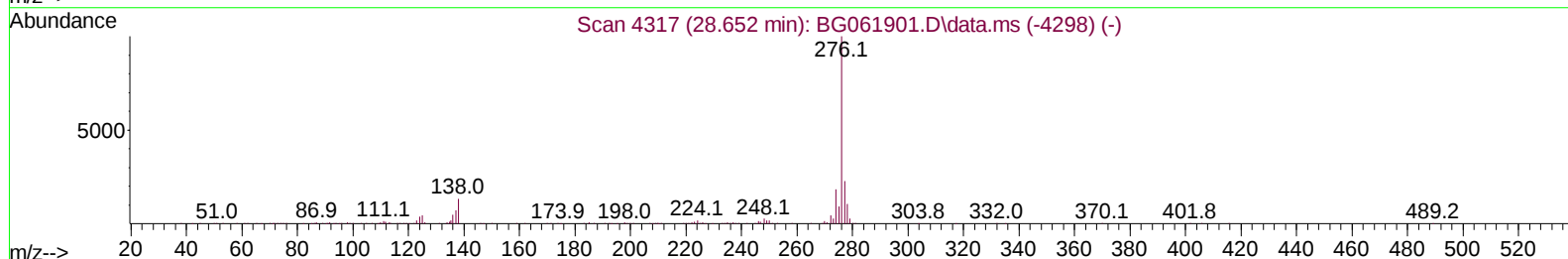
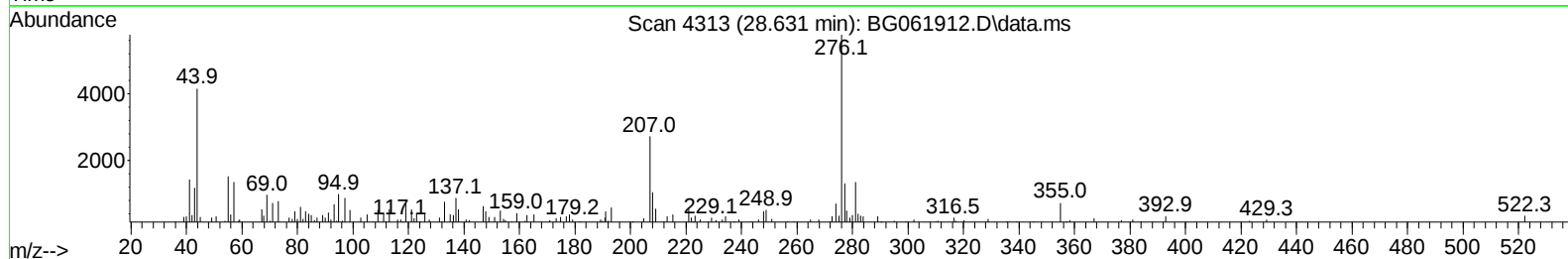
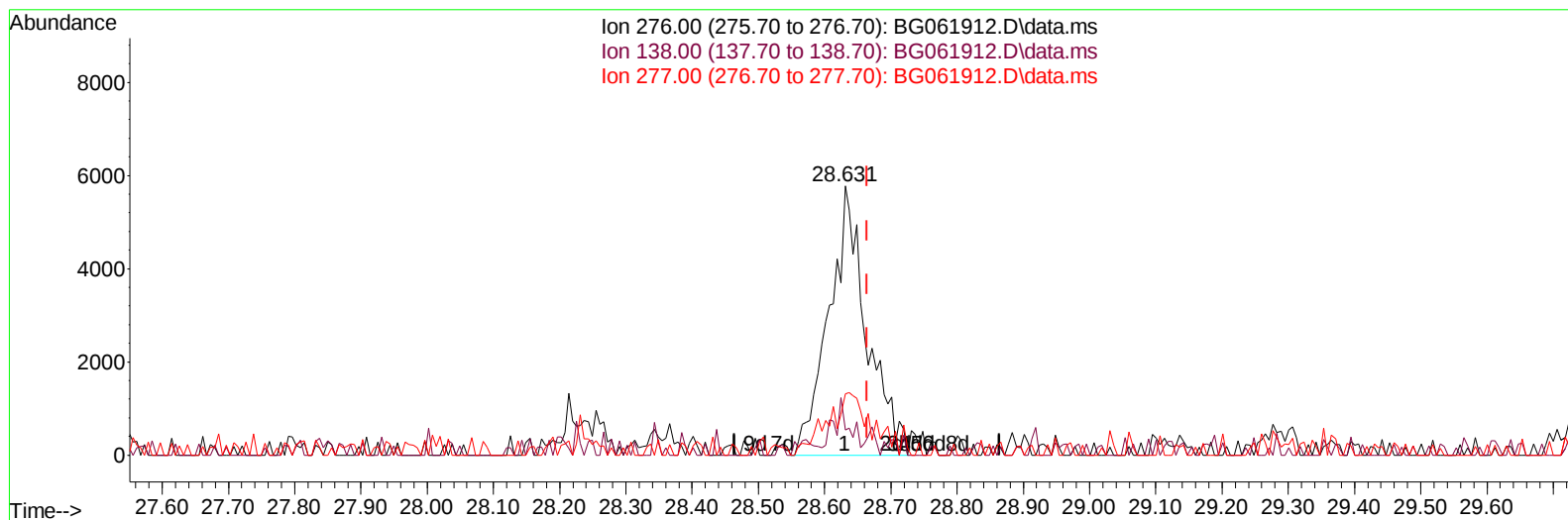
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061912.D
Acq On : 6 Jul 2024 1:55
Operator : MA/JU
Sample : P2982-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF5

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:56:53 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: BG061912.D\data.ms

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

28.631min (-0.033) 1.05 ng/ul m

response 22723

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	9.35#
277.00	24.10	22.80
0.00	0.00	0.00

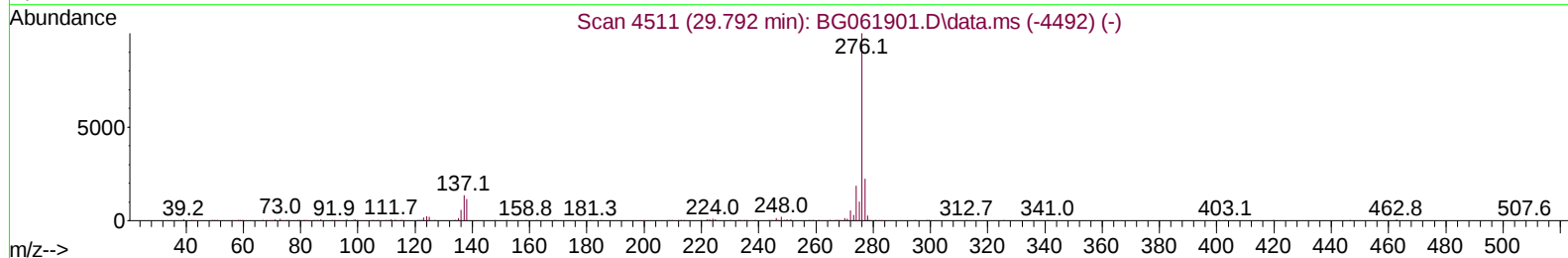
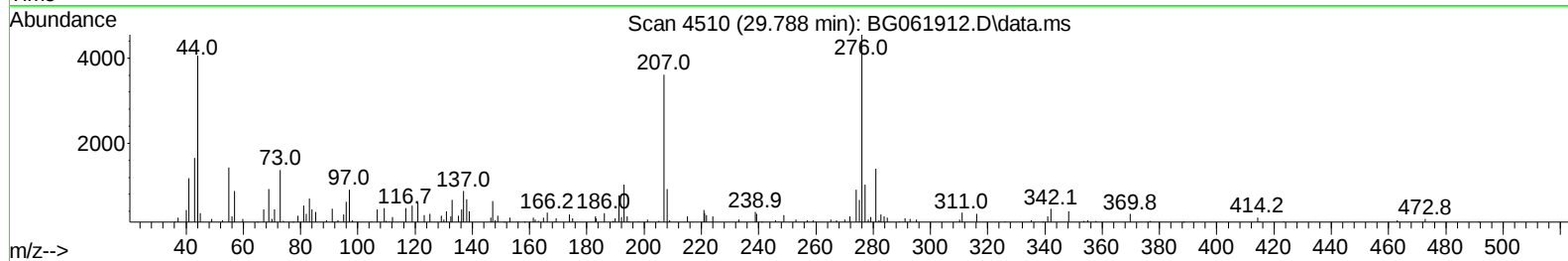
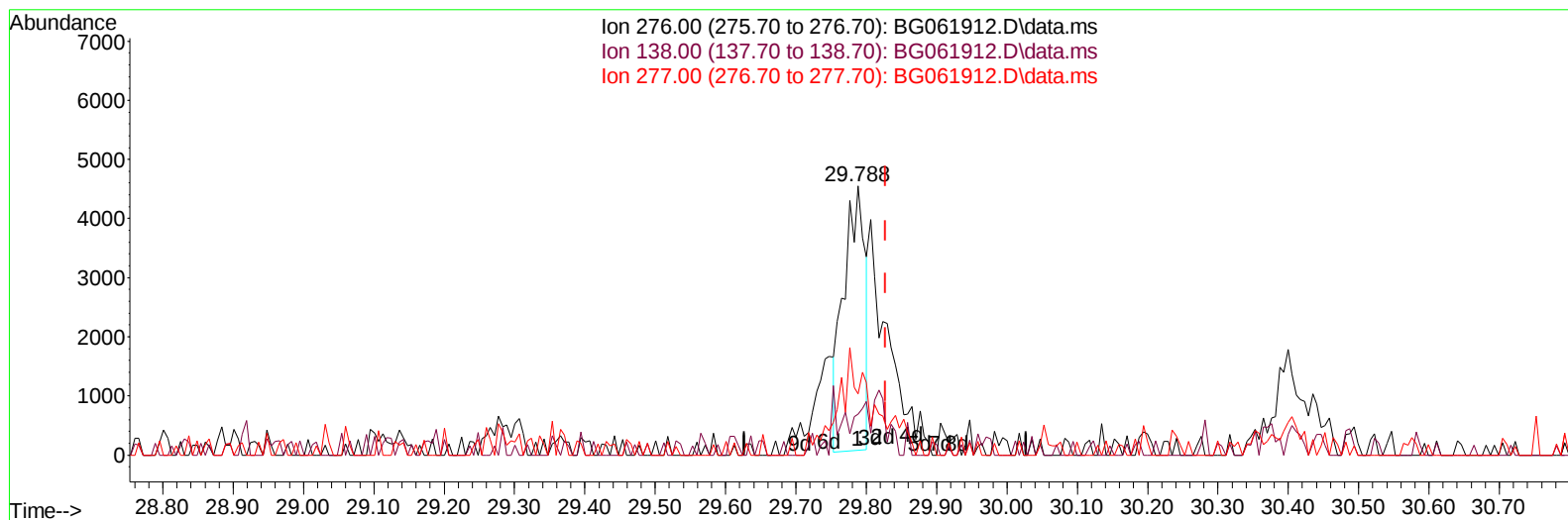
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CF5

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:58:51 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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TIC: BG061912.D\data.ms

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

29.788min (-0.039) 0.54 ng/u1

response 9322

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	15.24
277.00	23.50	22.78
0.00	0.00	0.00

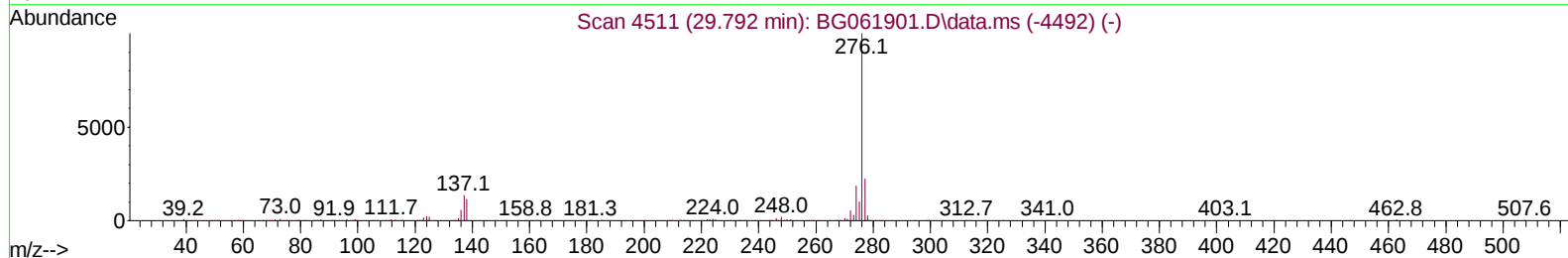
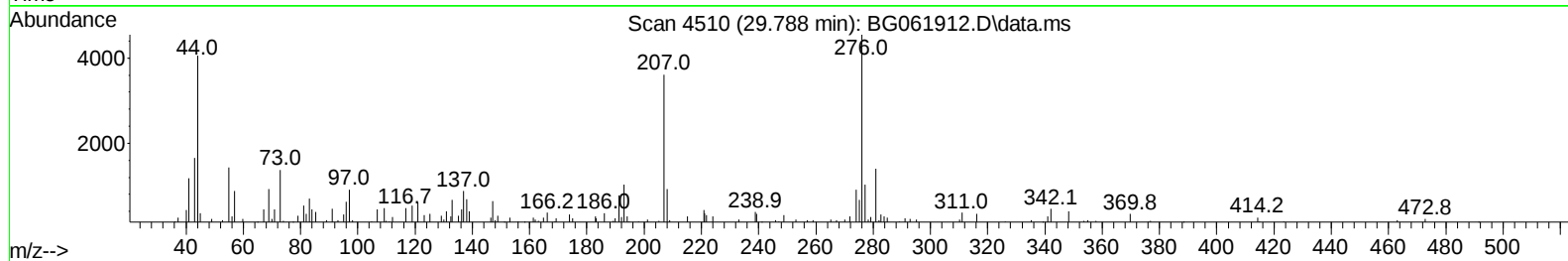
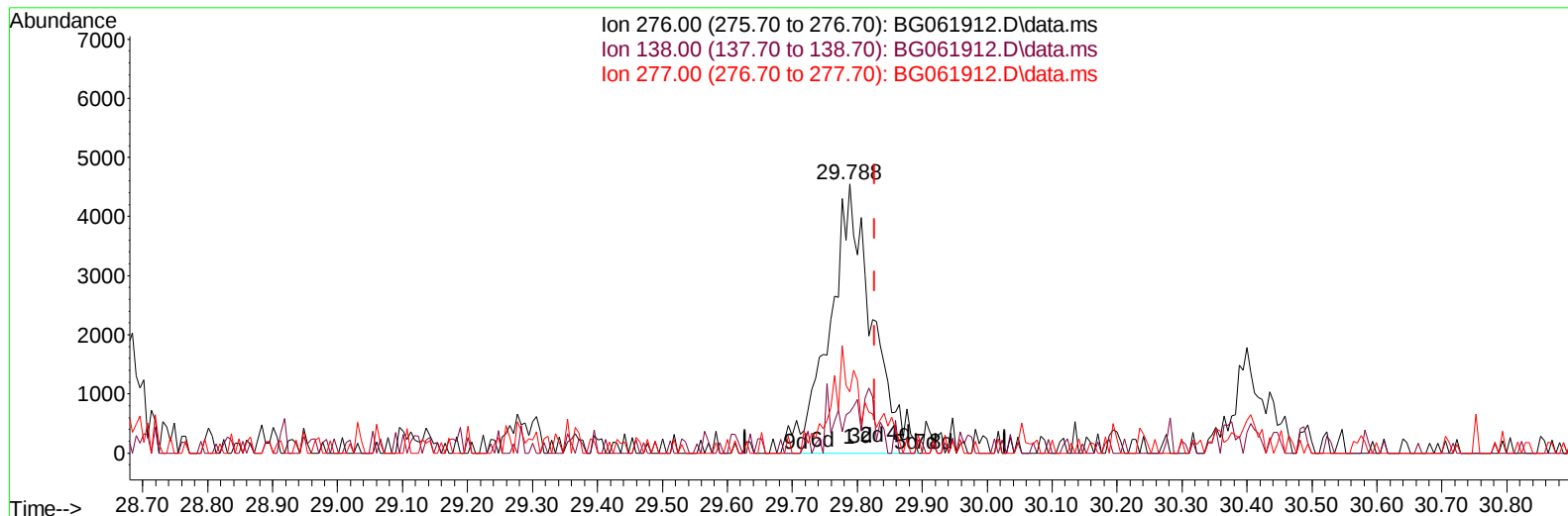
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4CF5

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:58:51 2024
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TIC: BG061912.D\data.ms

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

29.788min (-0.039) 1.21 ng/ul m

response 20801

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	15.24
277.00	23.50	22.78
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: Jul 06 03:00:30 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	29962	20.000	ng/ul	0.00
20) Naphthalene-d8	10.905	136	143177	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.718	164	106374	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.456	188	258730	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.715	240	238419	20.000	ng/ul	0.00
88) Perylene-d12	24.959	264	283673	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.484	96	2425m	3.041	ng/uL	0.00
4) Pyridine-d5	3.907	84	43026	17.550	ng/ul	0.00
7) Phenol-d5	7.250	99	82650	25.206	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.415	67	46966	22.619	ng/ul	0.00
11) 2-Chlorophenol-d4	7.626	132	58975	26.221	ng/ul	0.00
15) 4-Methylphenol-d8	8.795	113	63531	24.608	ng/ul	0.00
21) Nitrobenzene-d5	9.259	128	31250	28.698	ng/ul	0.00
24) 2-Nitrophenol-d4	9.982	143	36700	29.513	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.517	165	71009	29.605	ng/ul	-0.02
31) 4-Chloroaniline-d4	11.040	131	85677	24.604	ng/ul	0.00
46) Dimethylphthalate-d6	14.118	166	243691	27.865	ng/ul	0.00
49) Acenaphthylene-d8	14.412	160	271757	29.718	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	36381	26.050	ng/ul	0.00
60) Fluorene-d10	15.705	176	217932	29.601	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	34561	25.435	ng/ul	0.00
73) Anthracene-d10	17.556	188	338009m	27.982	ng/ul	0.00
81) Pyrene-d10	19.835	212	397788	28.366	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.735	264	416867	29.631	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.497	178	16035	1.175	ng/ul	97
80) Fluoranthene	19.500	202	54264	3.270	ng/ul#	96
82) Pyrene	19.865	202	66762	3.894	ng/ul	98
85) Benzo(a)anthracene	21.692	228	31684m	1.835	ng/ul	
87) Chrysene	21.762	228	32046	1.983	ng/ul	95
90) Benzo(b)fluoranthene	23.930	252	40073	2.242	ng/ul#	84
93) Benzo(a)pyrene	24.806	252	34112	2.016	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.631	276	22723m	1.051	ng/ul	
96) Benzo(g,h,i)perylene	29.788	276	20801m	1.209	ng/ul	

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

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Manual IntegrationsAPPROVED

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