

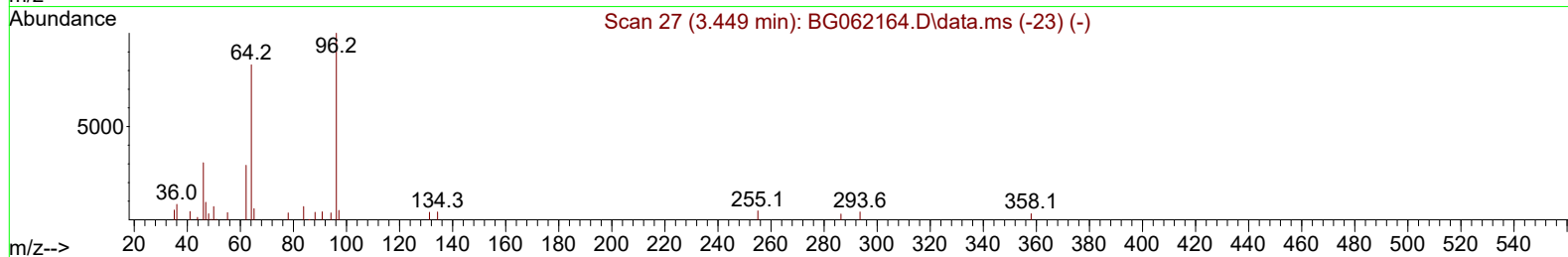
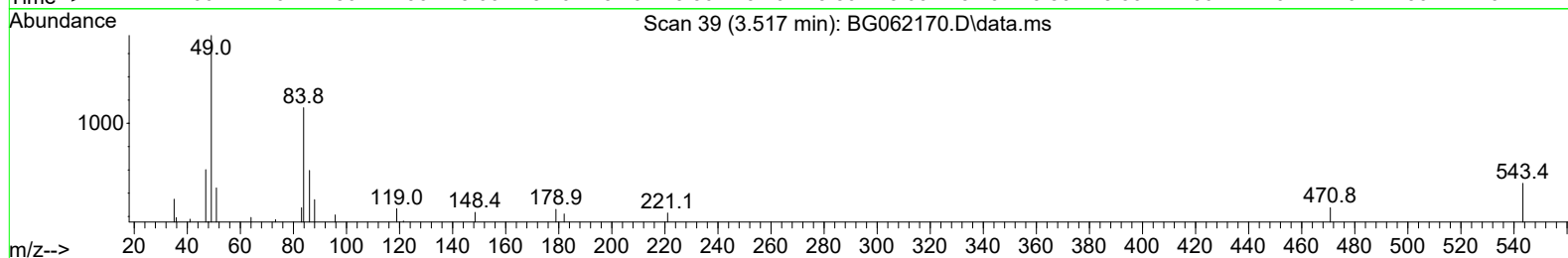
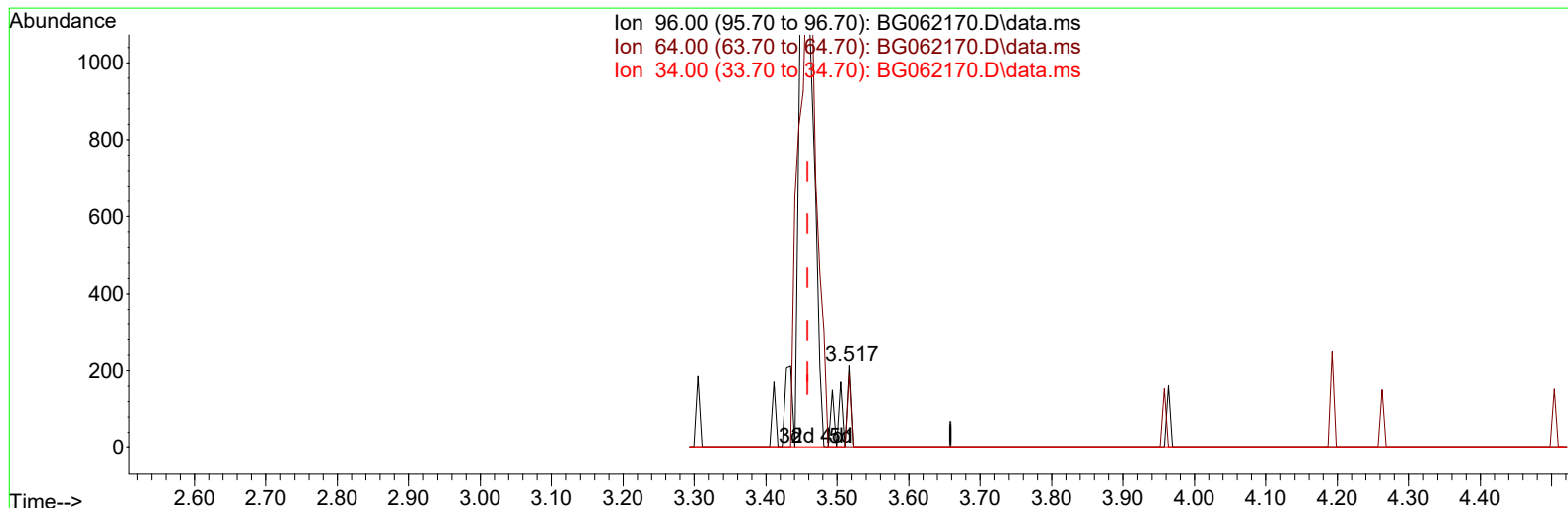
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062170.D
Acq On : 22 Jul 2024 20:59
Operator : MA/JU
Sample : P3238-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CH4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 10:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration



TIC: BG062170.D\data.ms

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

3.517min (+ 0.058) 0.10 ng/uL

response 75

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.10	89.67
34.00	0.00	0.00
0.00	0.00	0.00

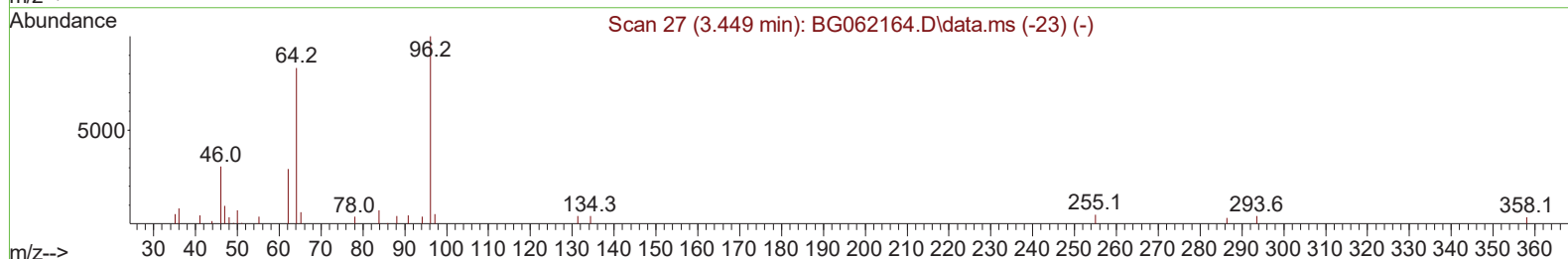
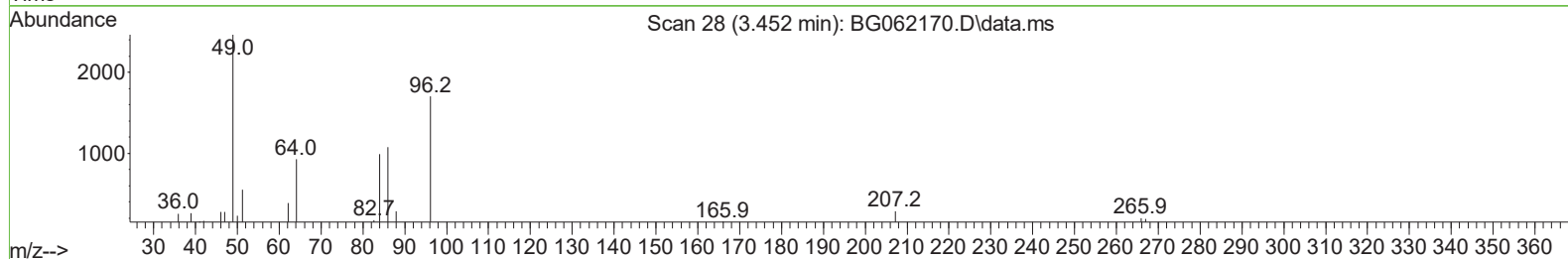
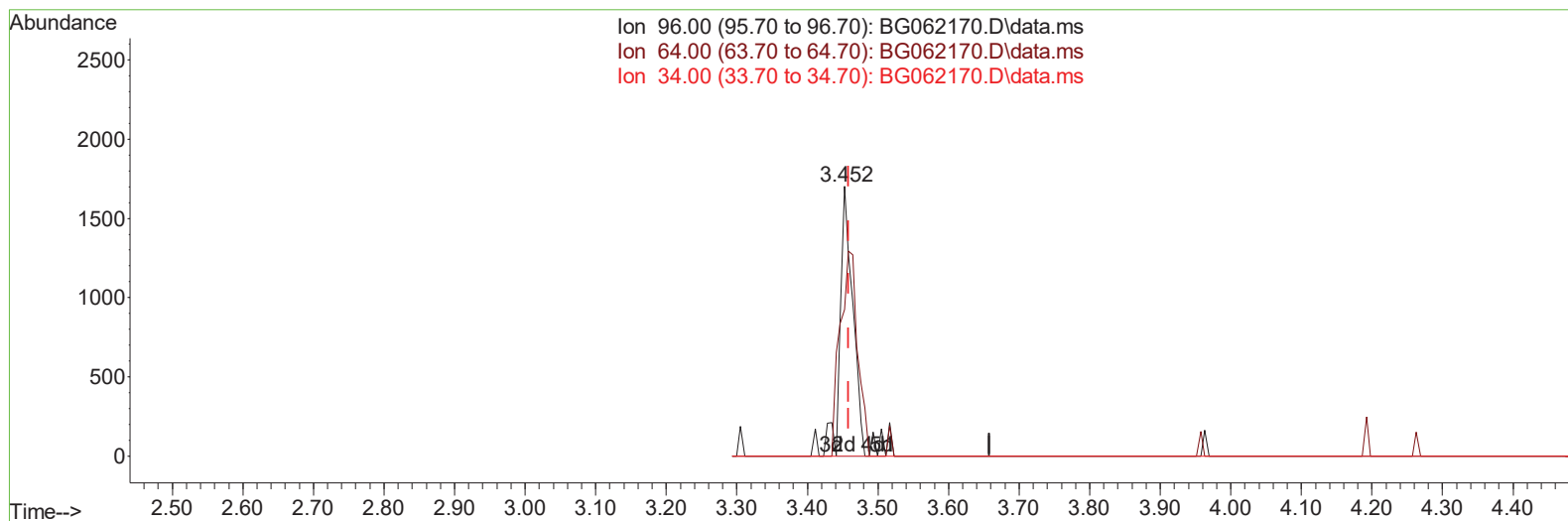
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CH4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:13:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062170.D\data.ms

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

3.452min (-0.006) 2.55 ng/uL m

response 2001

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.10	54.44#
34.00	0.00	0.00
0.00	0.00	0.00

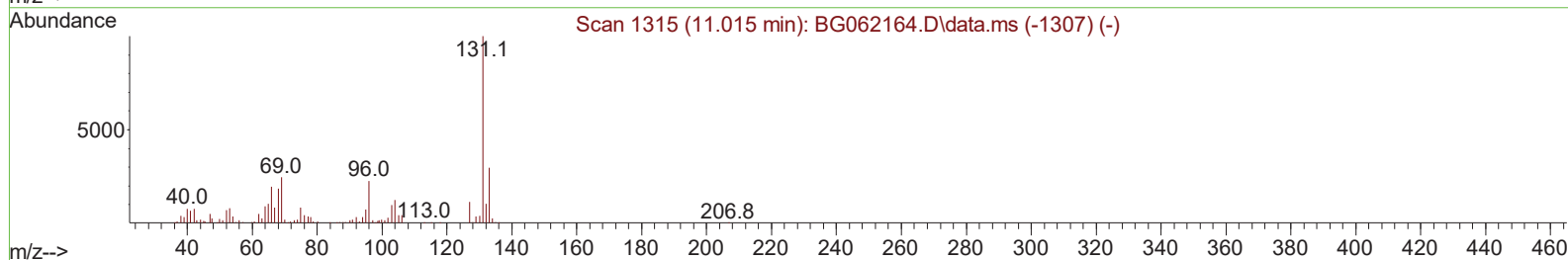
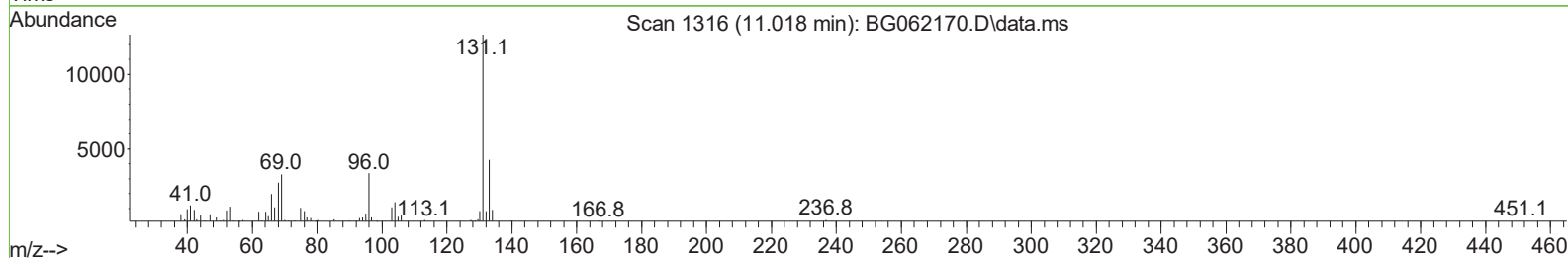
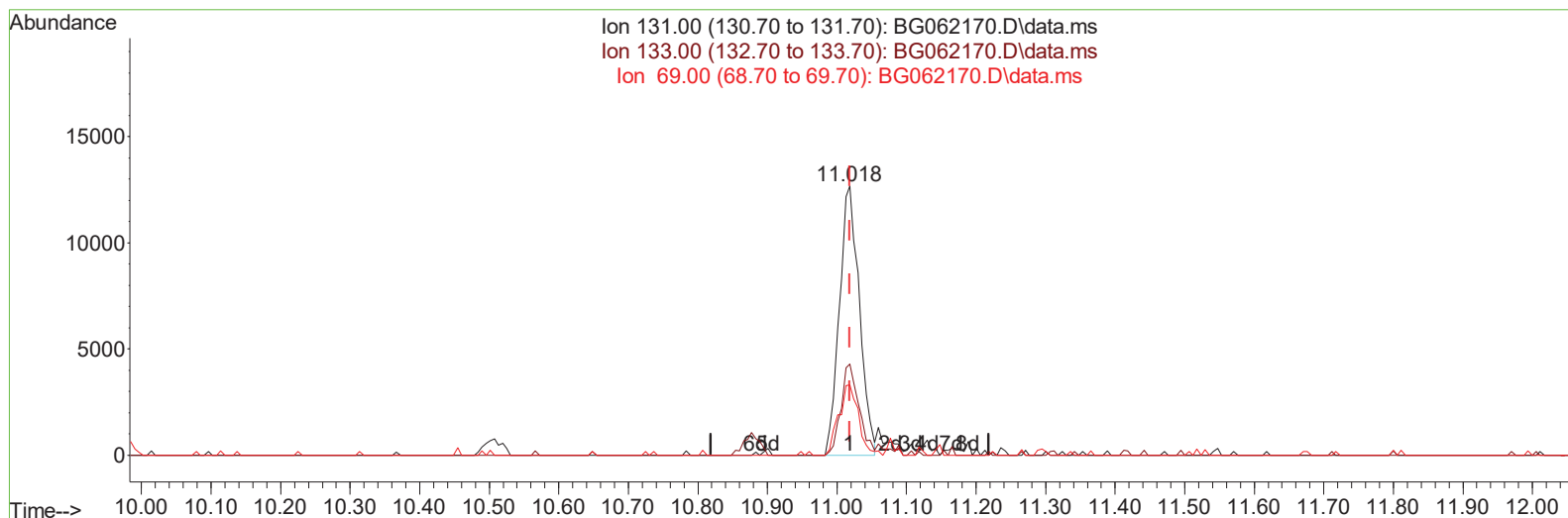
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Acq On : 22 Jul 2024 20:59
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Instrument :
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ClientSampleId :
A4CH4

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
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Reviewed By :Jagrut Upadhyay 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062170.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.018min (-0.000) 6.51 ng/u1

response 25351

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	28.90	33.74
69.00	24.30	26.05
0.00	0.00	0.00

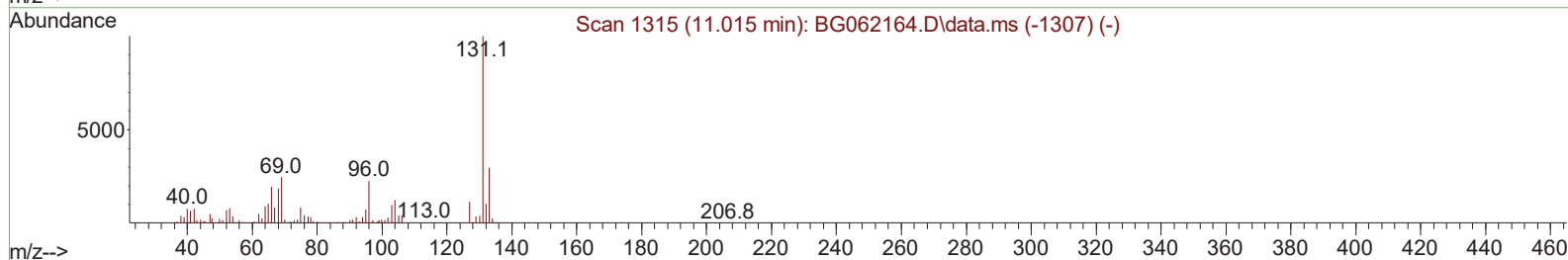
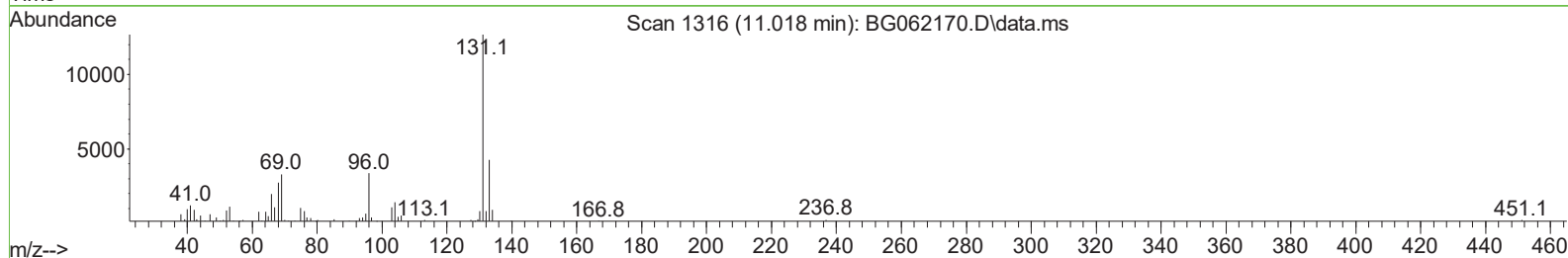
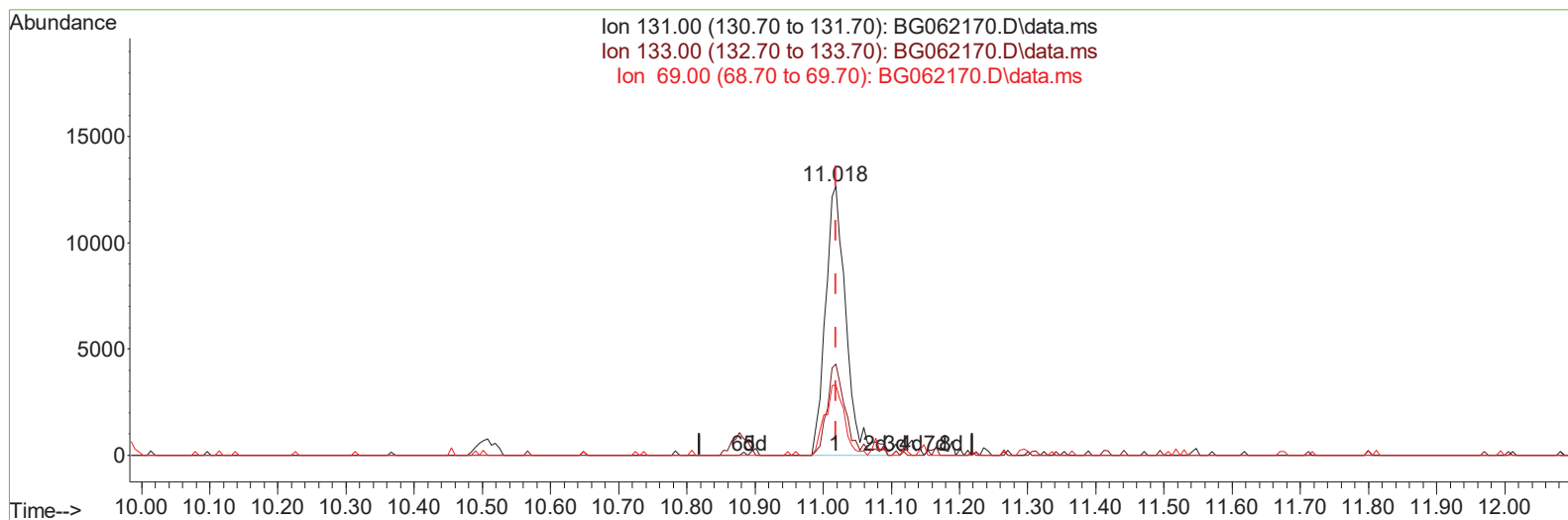
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
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 Acq On : 22 Jul 2024 20:59
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:13:01 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062170.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.018min (-0.000) 6.90 ng/ul m

response 26865

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	28.90	33.74
69.00	24.30	26.05
0.00	0.00	0.00

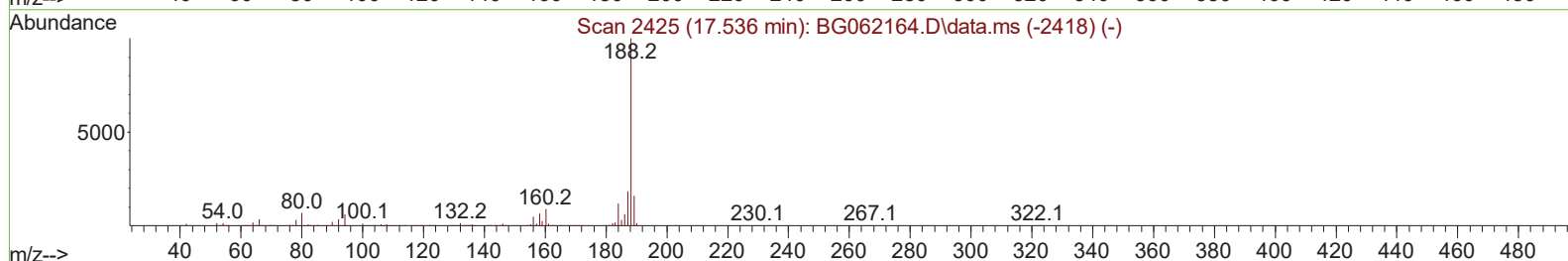
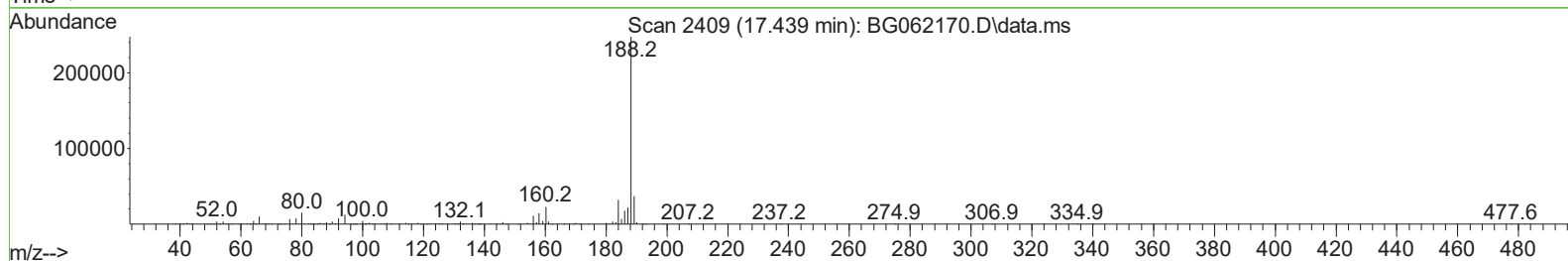
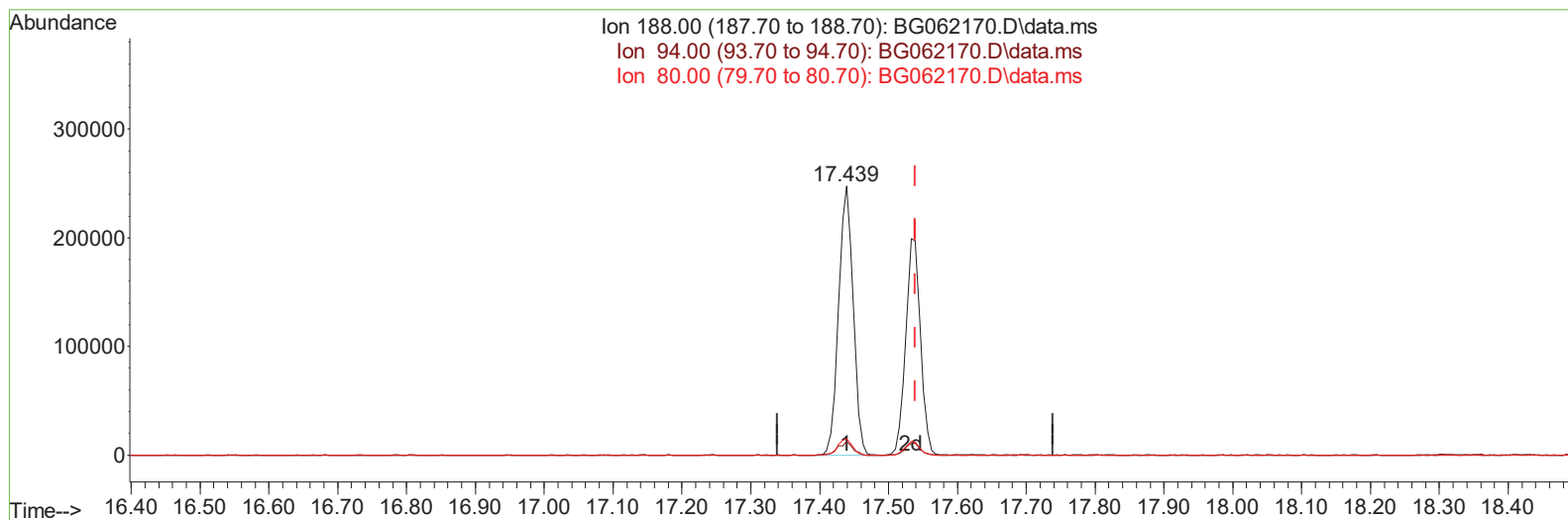
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/25/2024



TIC: BG062170.D\data.ms

(73) Anthracene-d10 (S)

17.439min (-0.100) 21.41 ng/u1

response 364350

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.20	5.08
80.00	5.10	6.06
0.00	0.00	0.00

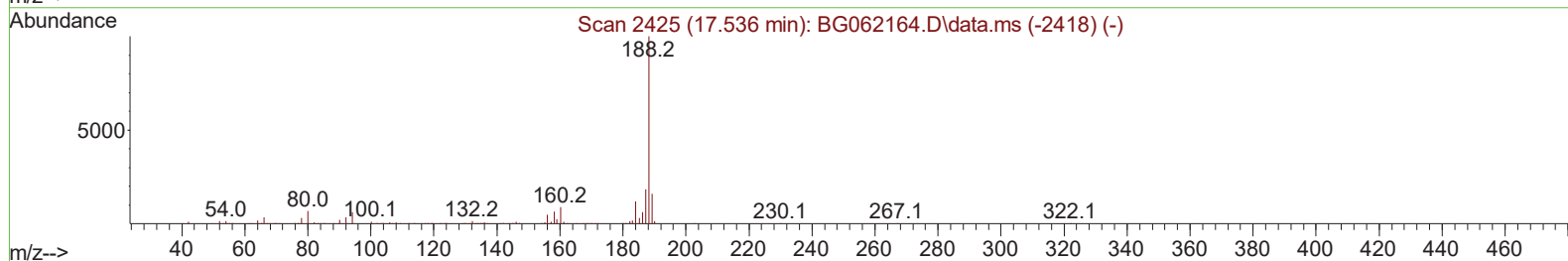
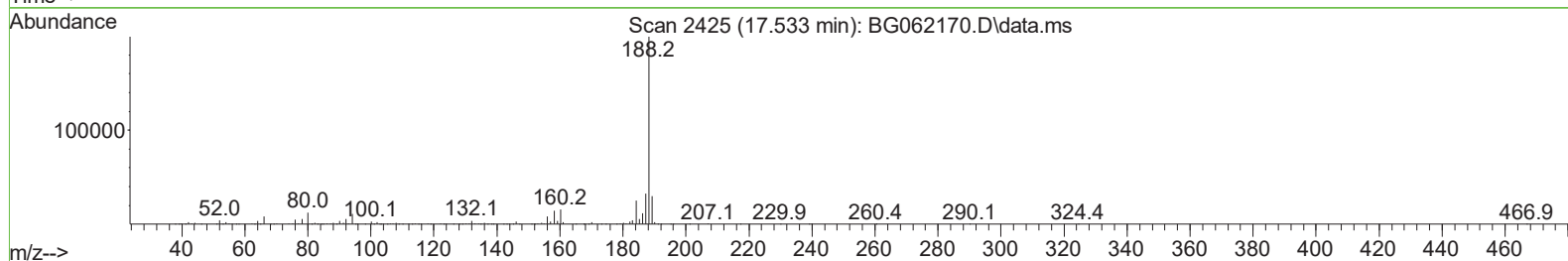
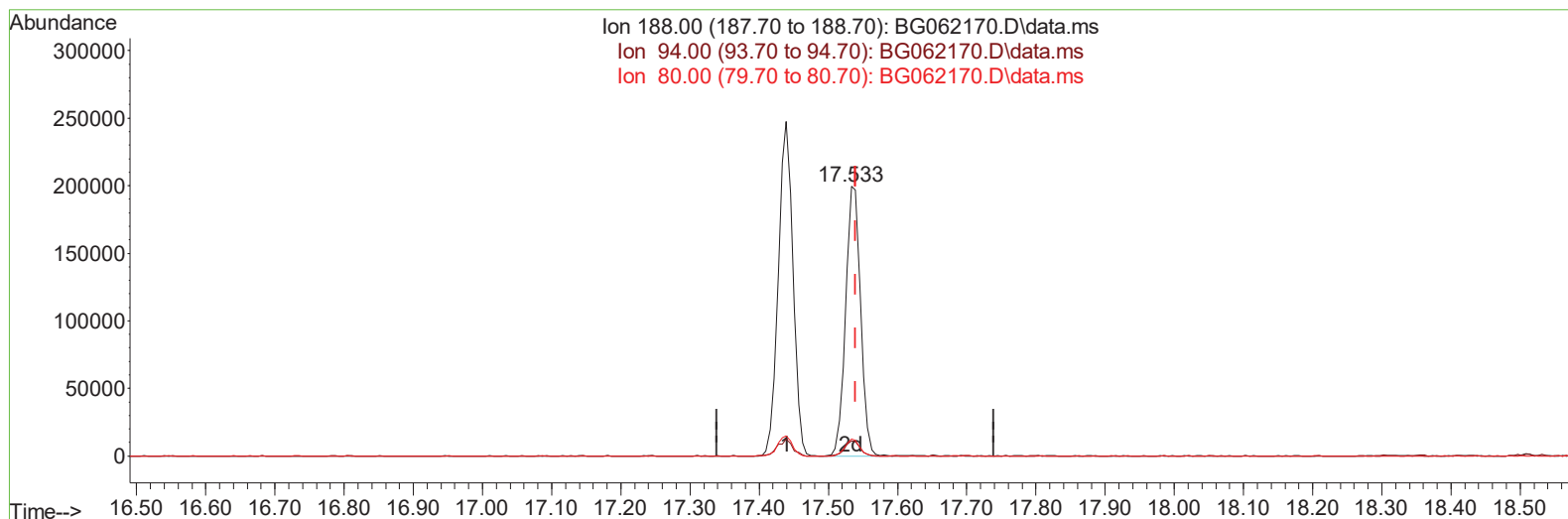
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062170.D
 Acq On : 22 Jul 2024 20:59
 Operator : MA/JU
 Sample : P3238-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CH4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:13:01 2024
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 QLast Update : Fri Jul 19 14:38:52 2024
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Reviewed By :Jagrut Upadhyay 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062170.D\data.ms

(73) Anthracene-d10 (S)

17.533min (-0.006) 17.52 ng/u1 m

response 298107

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.20	5.50
80.00	5.10	6.34#
0.00	0.00	0.00

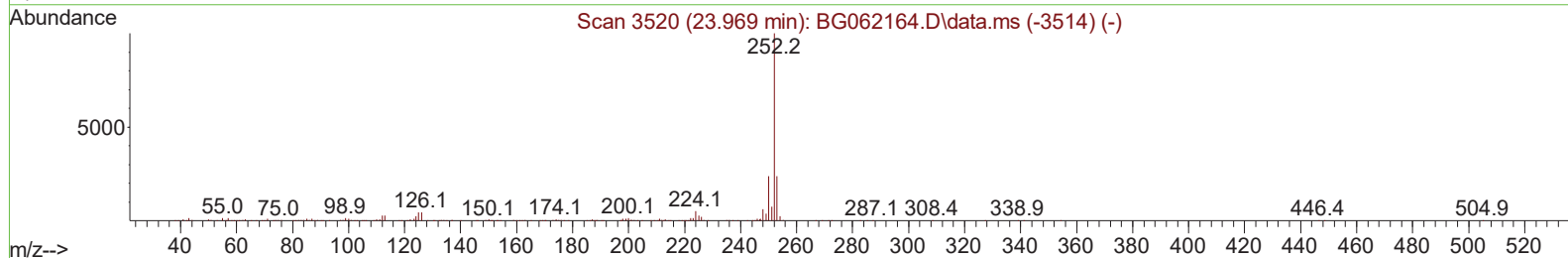
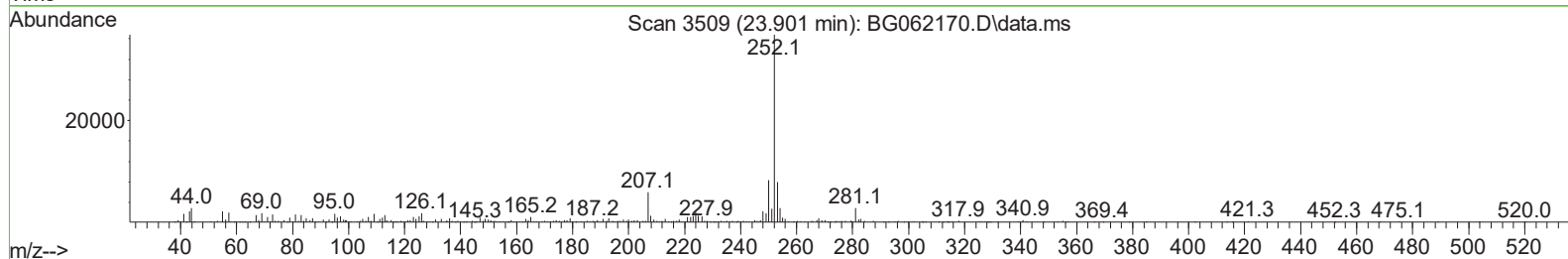
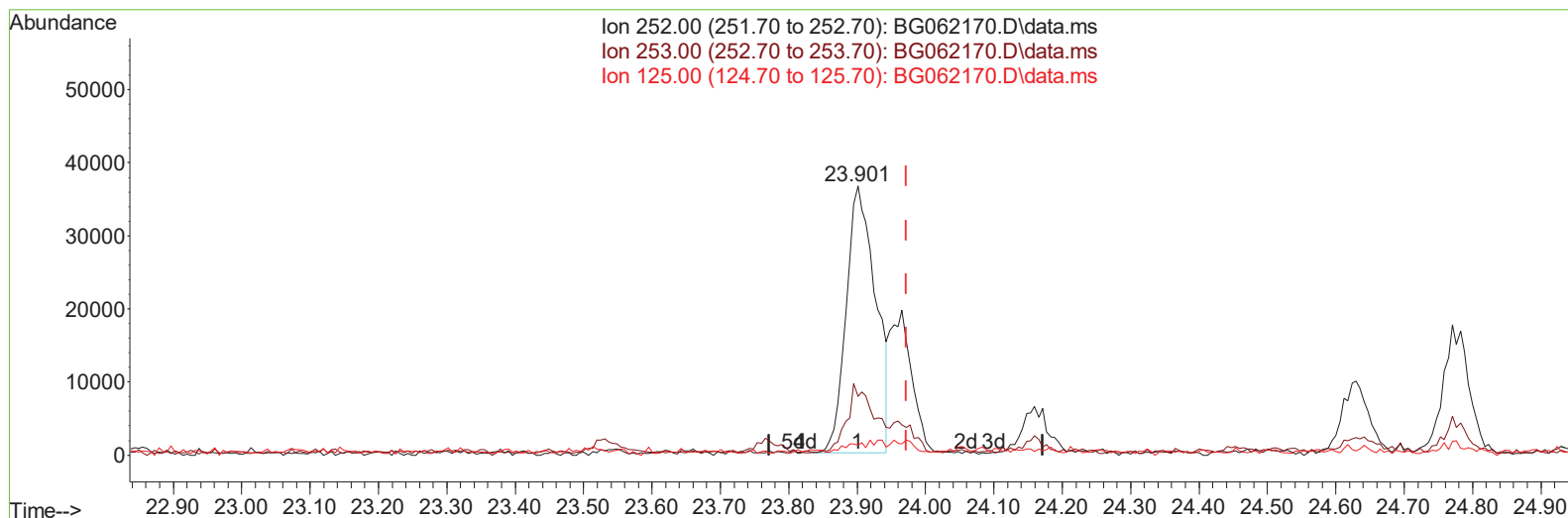
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062170.D
 Acq On : 22 Jul 2024 20:59
 Operator : MA/JU
 Sample : P3238-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CH4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:13:01 2024
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 QLast Update : Fri Jul 19 14:38:52 2024
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Reviewed By :Jagrut Upadhyay 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062170.D\data.ms

(91) Benzo(k)fluoranthene

23.901min (-0.071) 4.87 ng/u1

response 108813

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	21.82
125.00	3.40	3.62
0.00	0.00	0.00

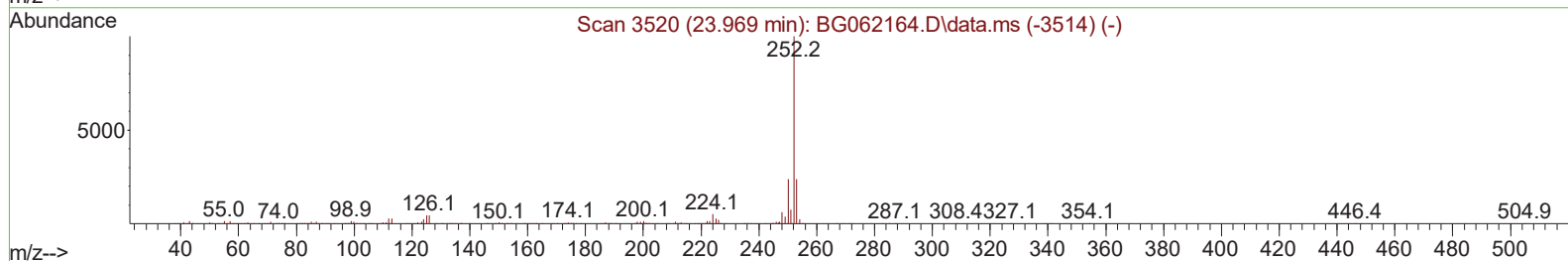
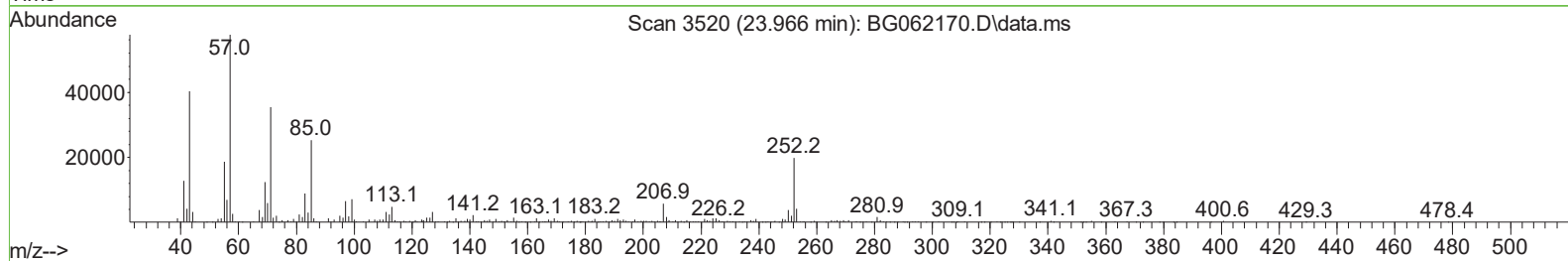
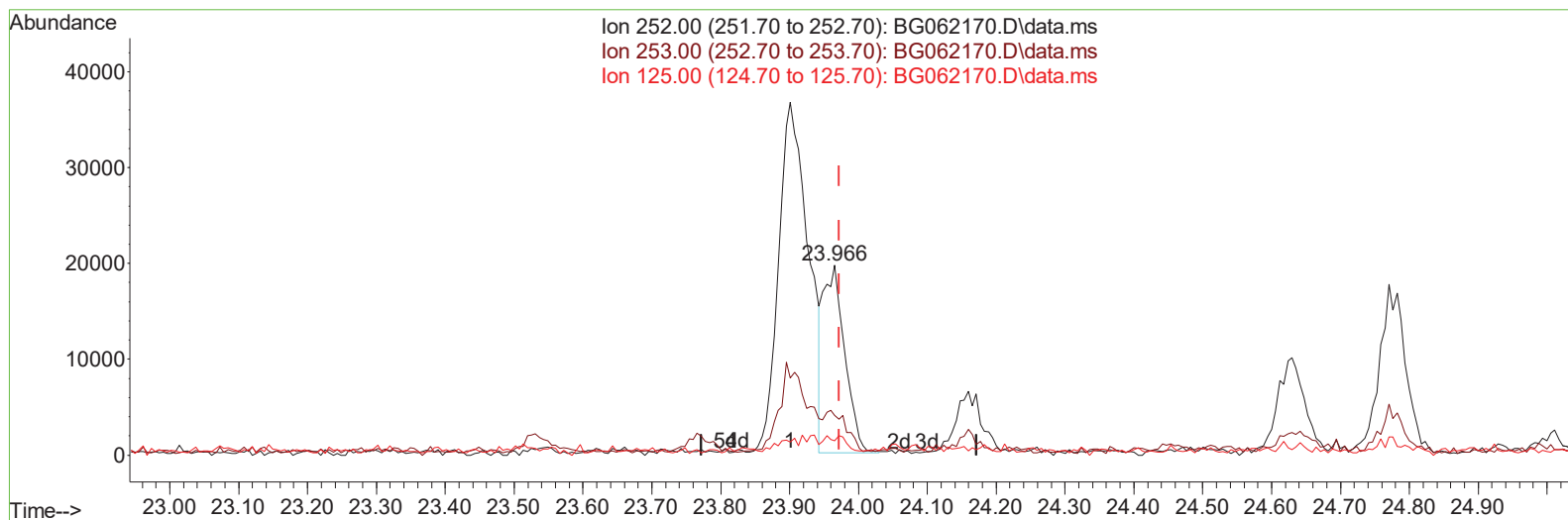
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
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Acq On : 22 Jul 2024 20:59
Operator : MA/JU
Sample : P3238-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CH4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 22 23:13:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration



TIC: BG062170.D\data.ms

(91) Benzo(k)fluoranthene

23.966min (-0.006) 1.91 ng/u1 m

response 42578

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	20.96
125.00	3.40	7.60#
0.00	0.00	0.00

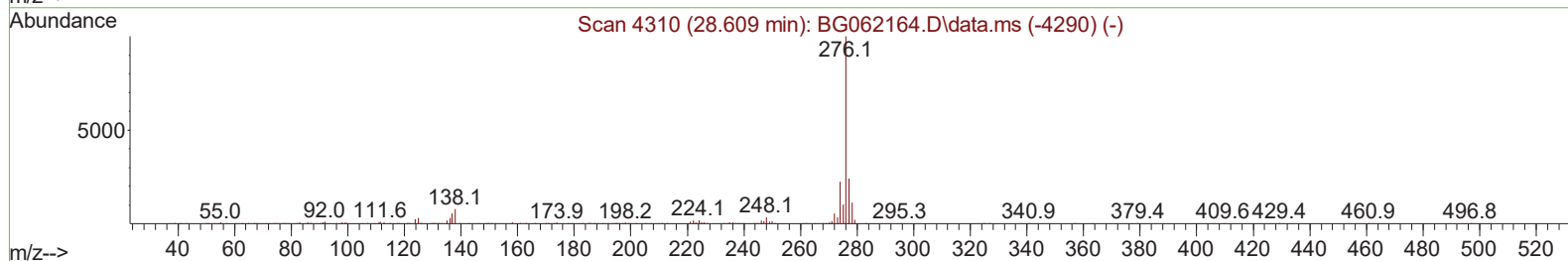
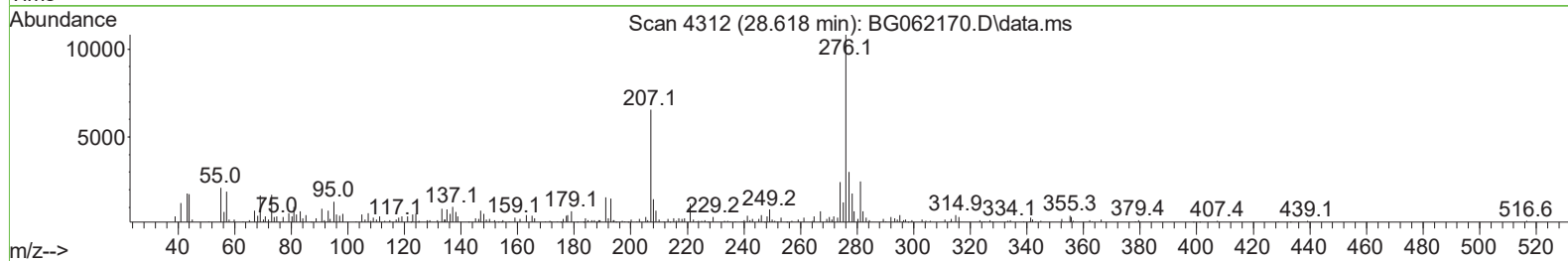
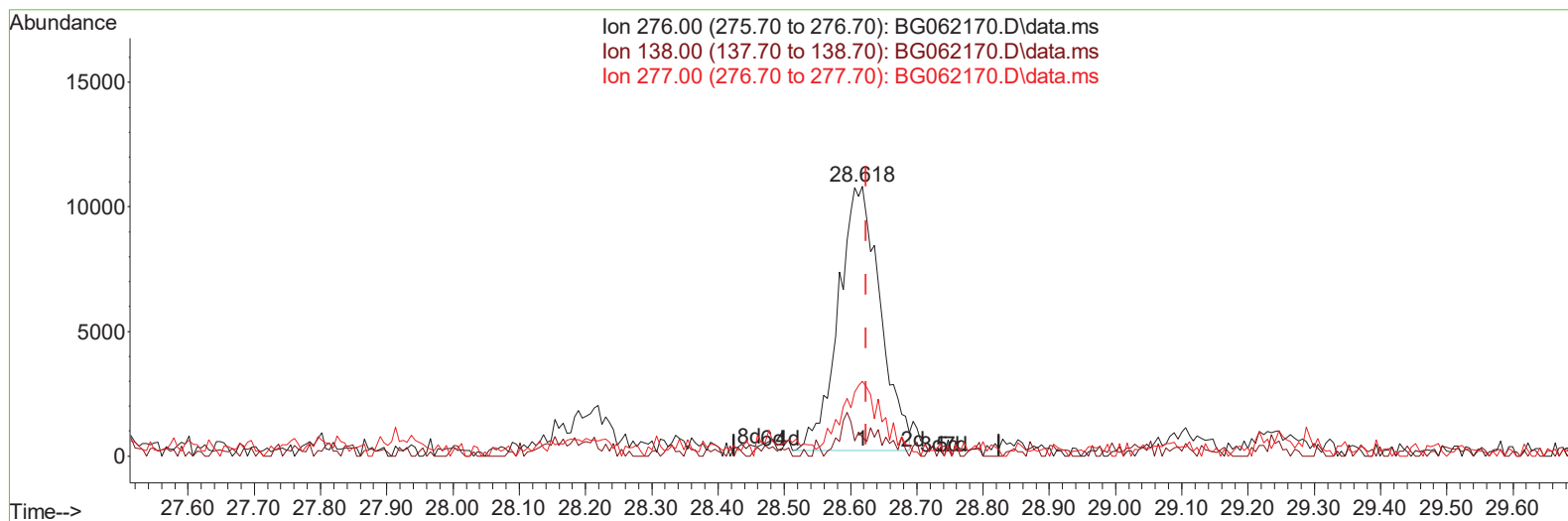
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CH4

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062170.D\data.ms

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

28.618min (-0.006) 1.93 ng/u1

response 46418

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	6.90
277.00	21.80	27.77#
0.00	0.00	0.00

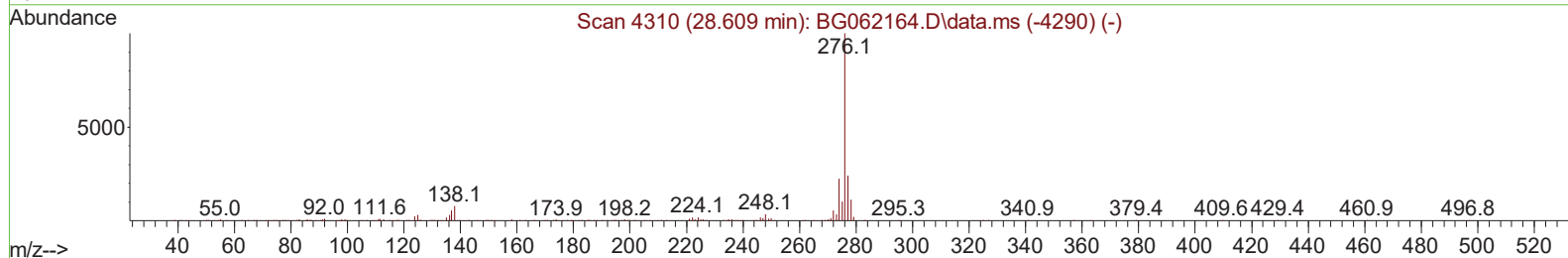
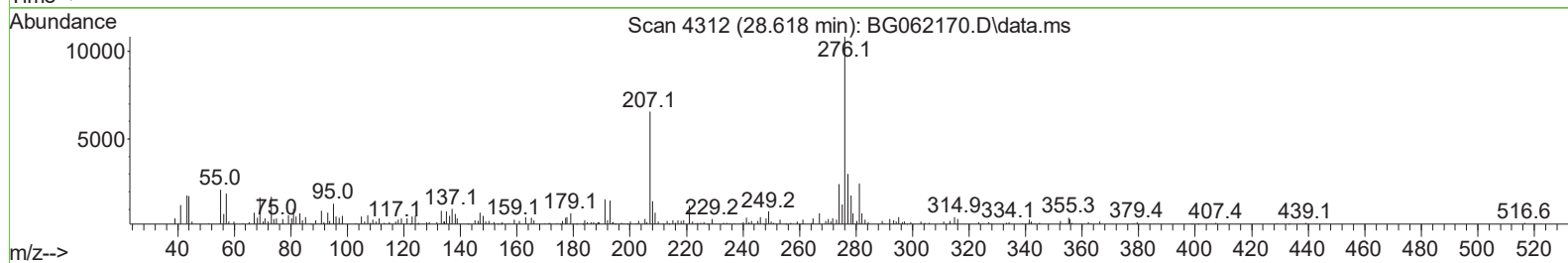
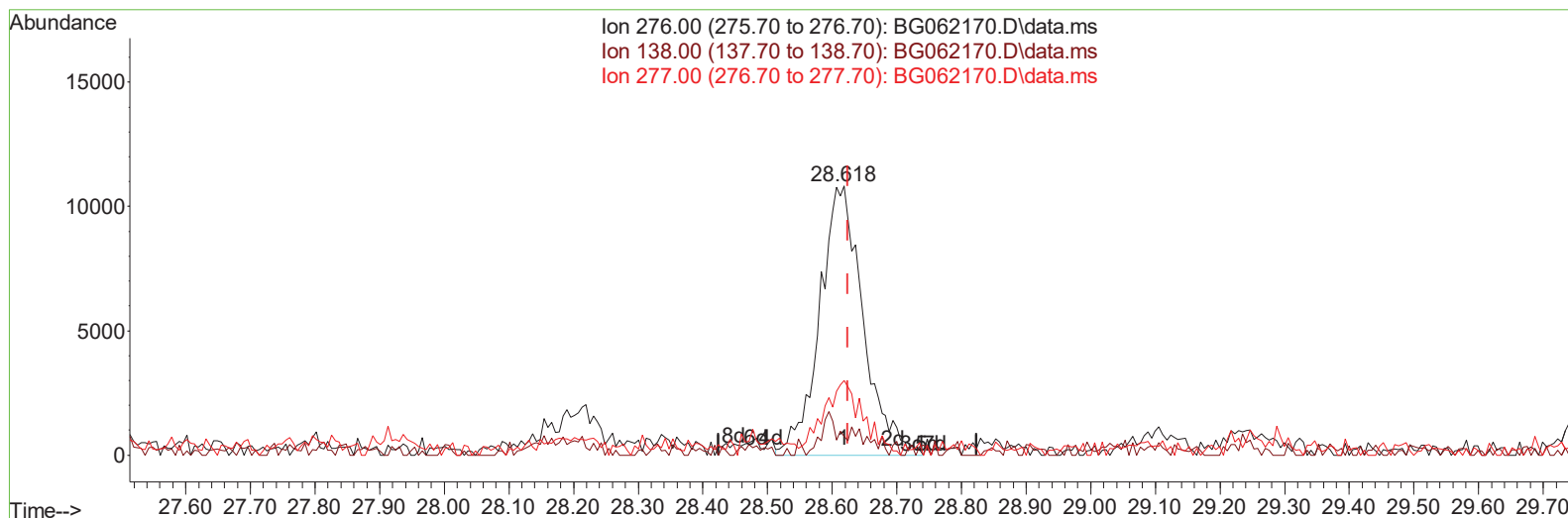
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:13:01 2024
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Supervised By :mohammad ahmed 07/25/2024



TIC: BG062170.D\data.ms

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

28.618min (-0.006) 2.09 ng/u1 m

response 50412

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	6.90
277.00	21.80	27.77#
0.00	0.00	0.00

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Instrument :
 BNA_G
 ClientSampleId :
 A4CH4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:34:00 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	36599	20.000	ng/ul	0.00
20) Naphthalene-d8	10.877	136	161196	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.696	164	141587	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	364350	20.000	ng/ul	0.00
79) Chrysene-d12	21.698	240	344056	20.000	ng/ul	0.00
88) Perylene-d12	24.929	264	362244	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	2001m	2.553	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.235	99	58685	16.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	35315	17.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	38837	17.103	ng/ul	0.00
15) 4-Methylphenol-d8	8.780	113	44603	16.254	ng/ul	0.00
21) Nitrobenzene-d5	9.233	128	20349	15.845	ng/ul	0.00
24) 2-Nitrophenol-d4	9.955	143	26400	17.079	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.507	165	60512	18.700	ng/ul	0.00
31) 4-Chloroaniline-d4	11.018	131	26865m	6.902	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	205828	17.151	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	223559	18.371	ng/ul	0.00
54) 4-Nitrophenol-d4	14.919	143	20918	14.464	ng/ul	0.00
60) Fluorene-d10	15.683	176	186780	18.279	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	31952	13.800	ng/ul	0.00
73) Anthracene-d10	17.533	188	298107m	17.515	ng/ul	0.00
81) Pyrene-d10	19.818	212	343992	17.634	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.706	264	252671	13.953	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.480	178	72340	4.126	ng/ul	98
80) Fluoranthene	19.483	202	158489	7.082	ng/ul	98
82) Pyrene	19.848	202	116913	5.025	ng/ul#	96
85) Benzo(a)anthracene	21.680	228	78574	3.254	ng/ul#	93
87) Chrysene	21.745	228	87324	3.933	ng/ul	95
90) Benzo(b)fluoranthene	23.901	252	108813	4.862	ng/ul	99
91) Benzo(k)fluoranthene	23.966	252	42578m	1.906	ng/ul	
93) Benzo(a)pyrene	24.770	252	45845	2.187	ng/ul#	80
94) Indeno(1,2,3-cd)pyrene	28.618	276	50412m	2.093	ng/ul	

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

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 A4CH4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 22 23:34:00 2024
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