

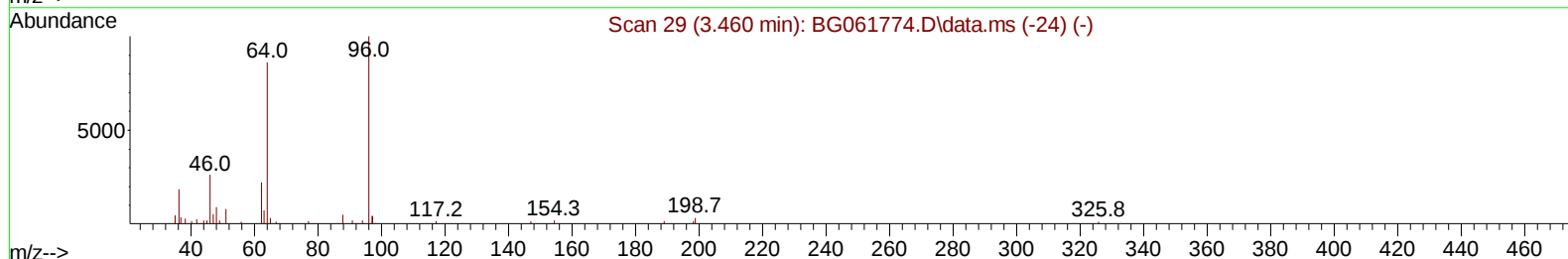
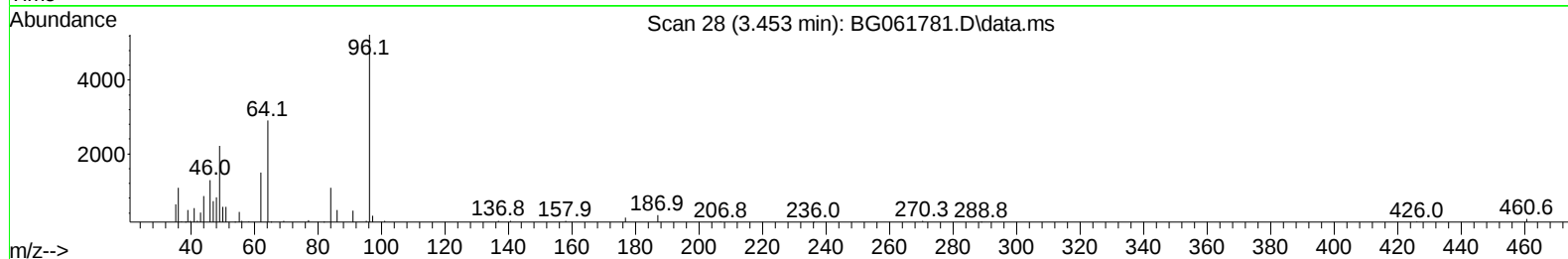
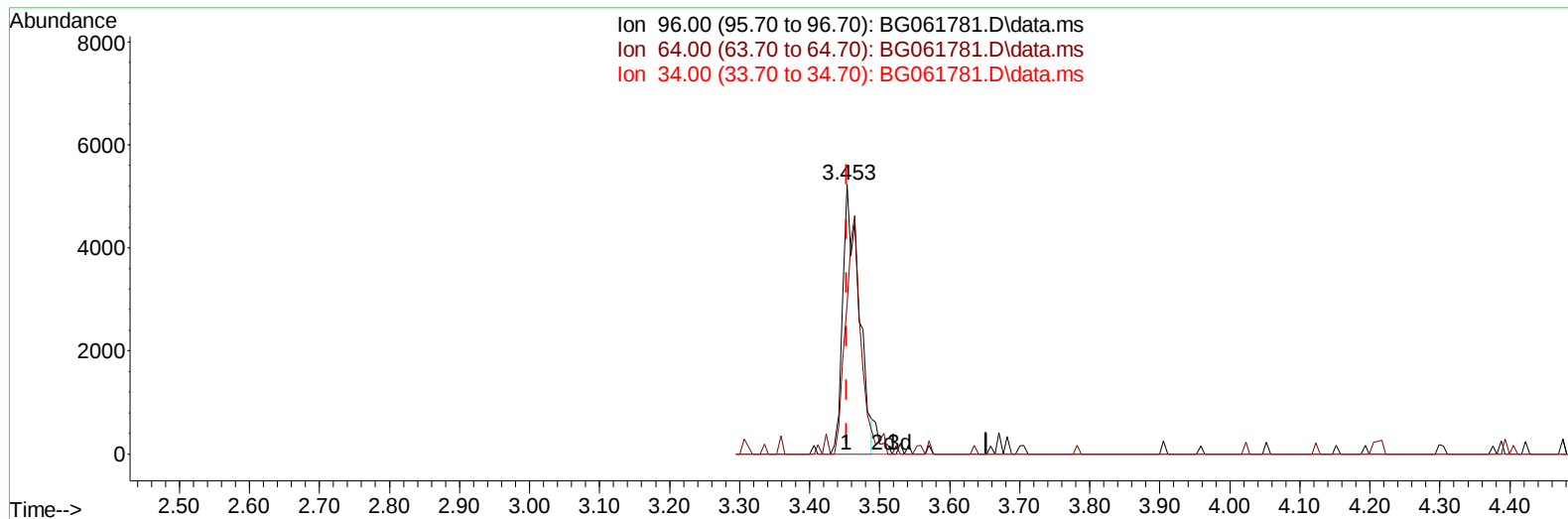
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:05:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061781.D\data.ms

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

3.453min (+ 0.000) 4.26 ng/uL

response 8472

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	65.50	55.44
34.00	0.00	0.00
0.00	0.00	0.00

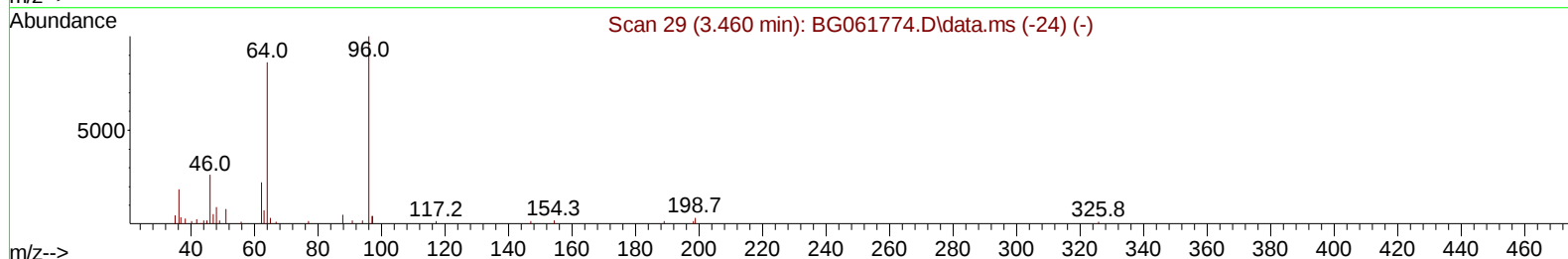
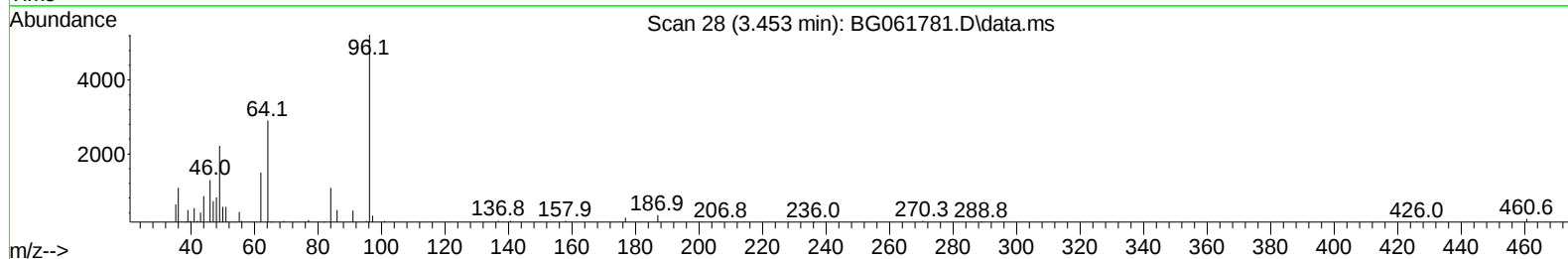
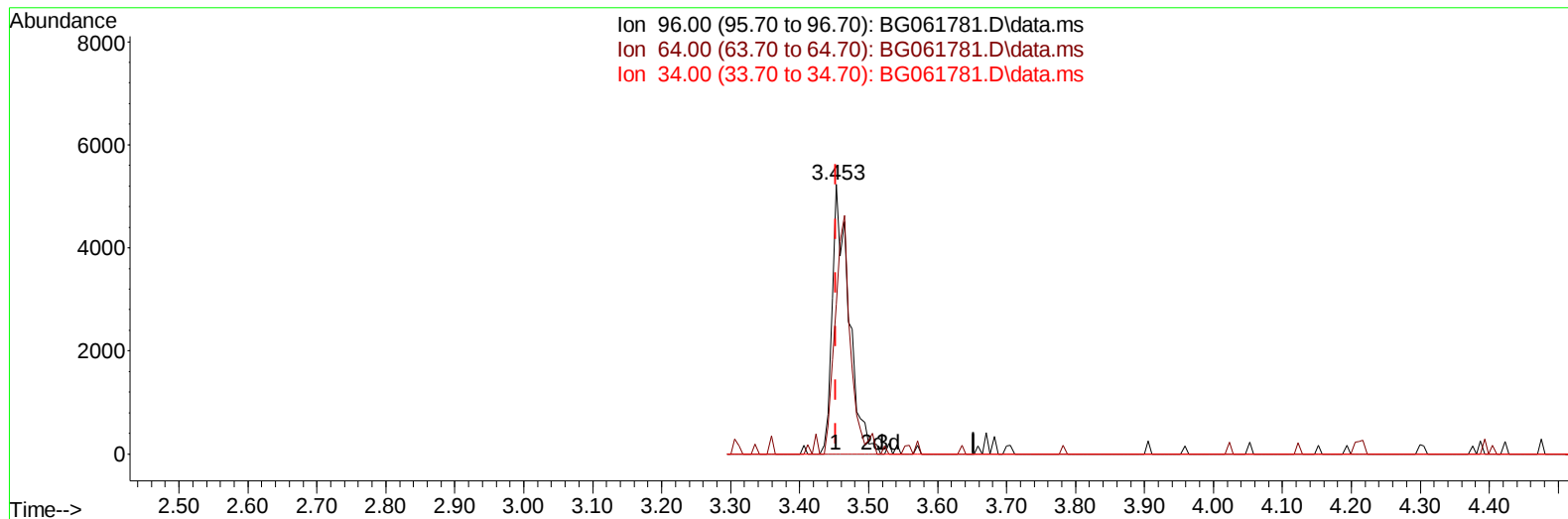
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 03:05:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration



TIC: BG061781.D\data.ms

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

3.453min (+ 0.000) 4.47 ng/uL m

response 8893

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	65.50	55.44
34.00	0.00	0.00
0.00	0.00	0.00

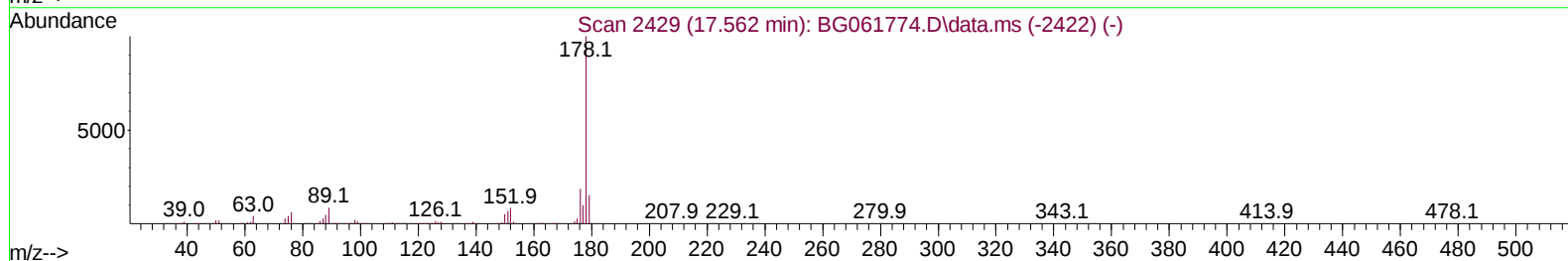
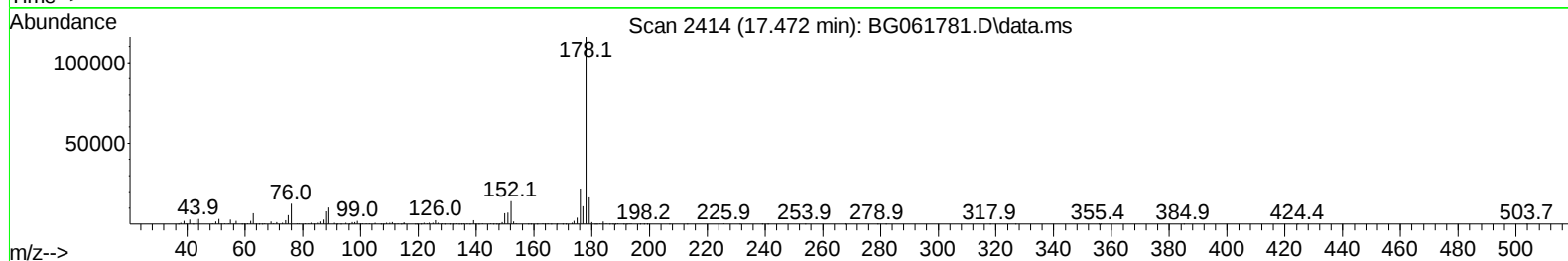
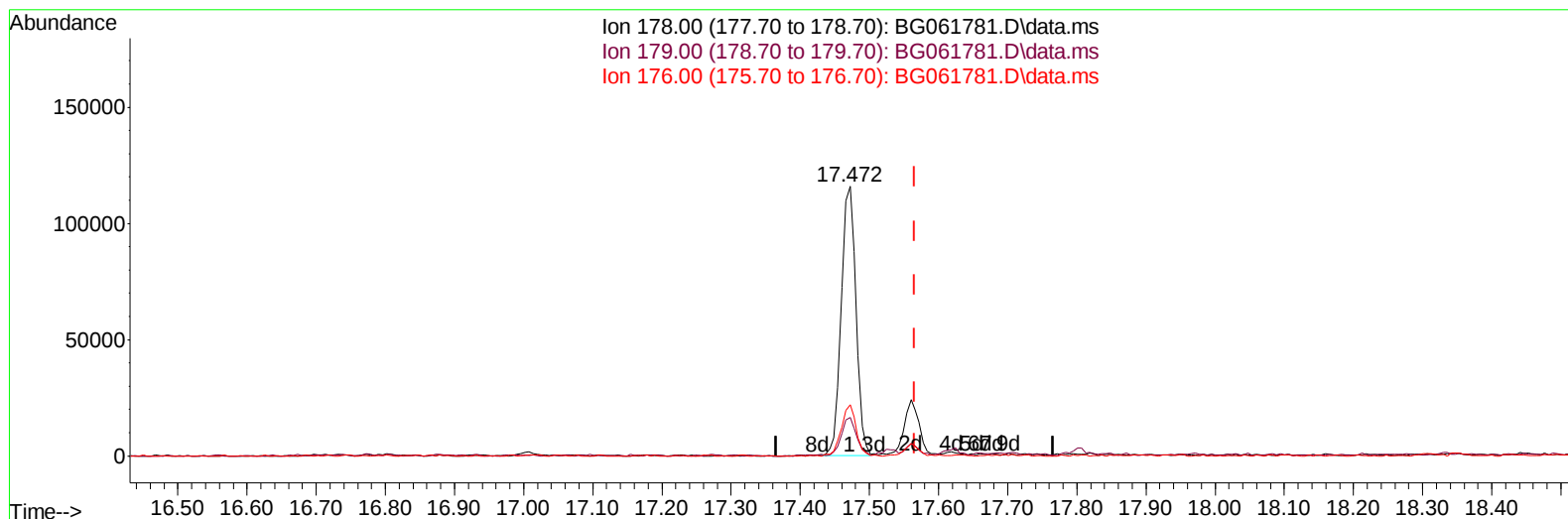
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 29 01:11:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061781.D\data.ms

(74) Anthracene

17.472min (-0.094) 7.42 ng/u1

response 171783

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.30	14.32
176.00	18.40	18.98
0.00	0.00	0.00

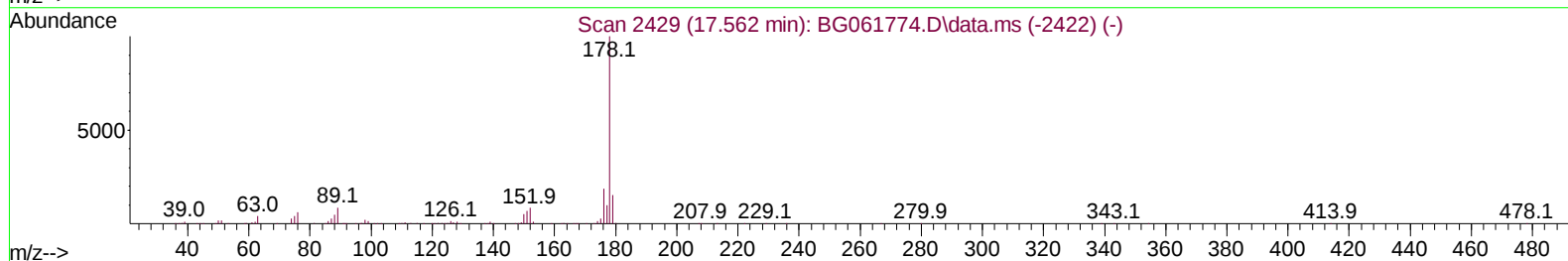
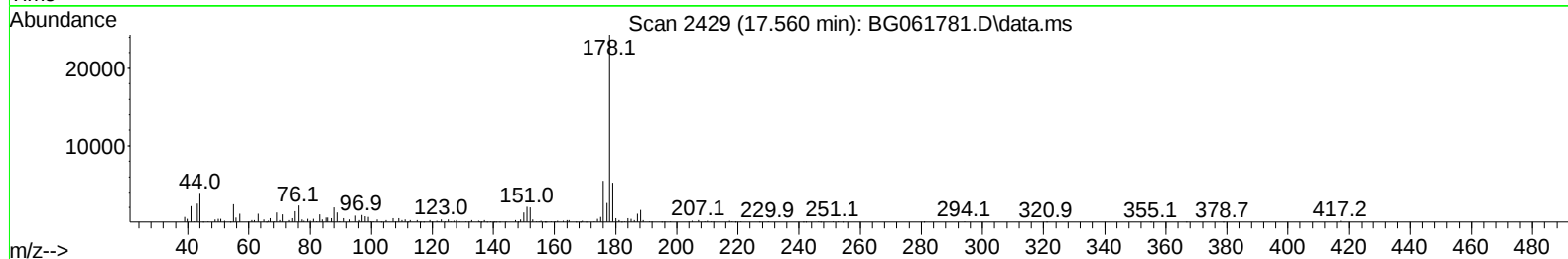
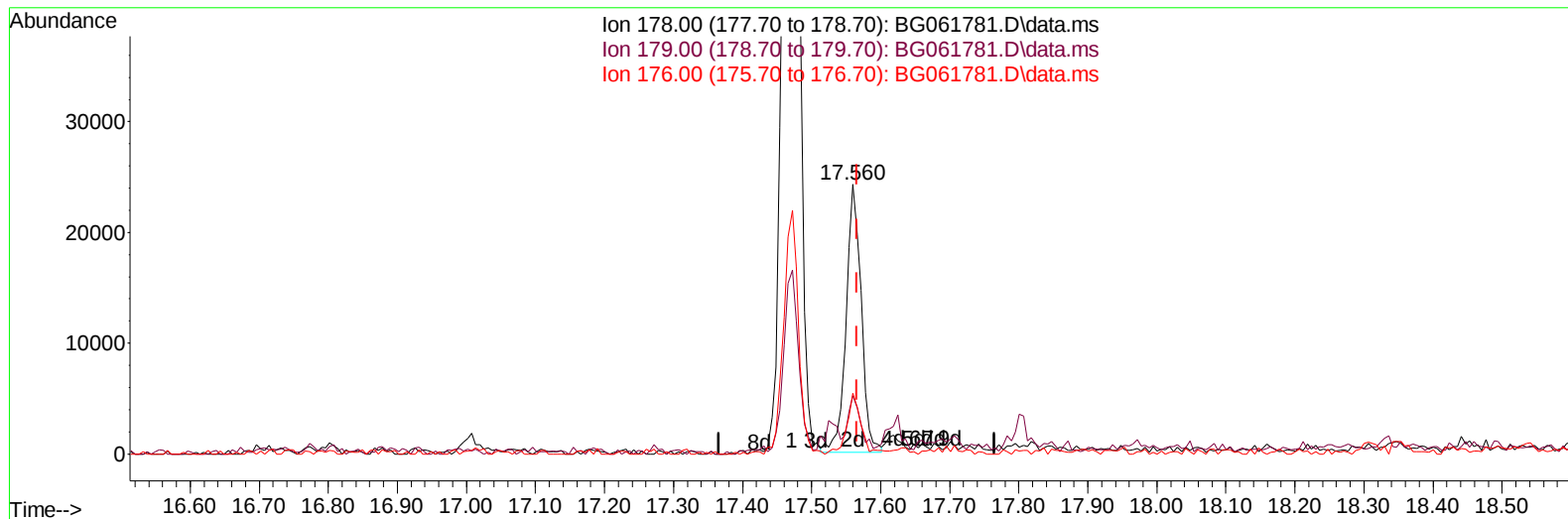
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 29 01:11:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061781.D\data.ms

(74) Anthracene

17.560min (-0.006) 1.59 ng/u1 m

response 36853

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.30	21.50#
176.00	18.40	22.44#
0.00	0.00	0.00

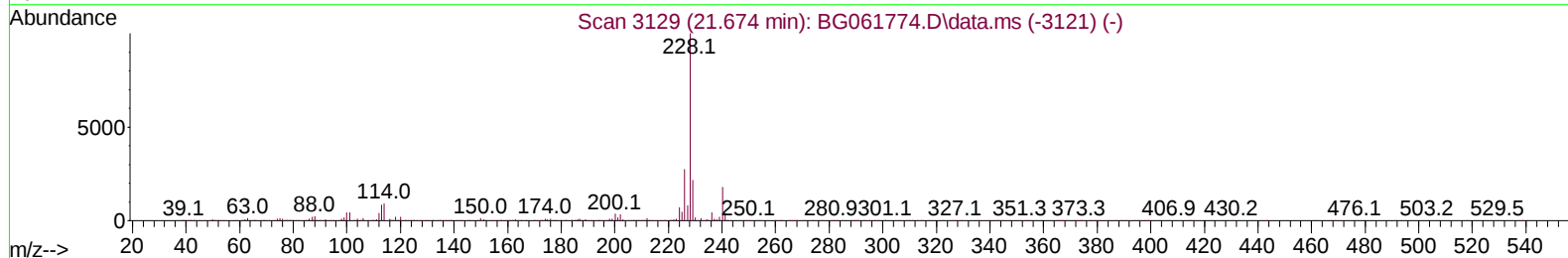
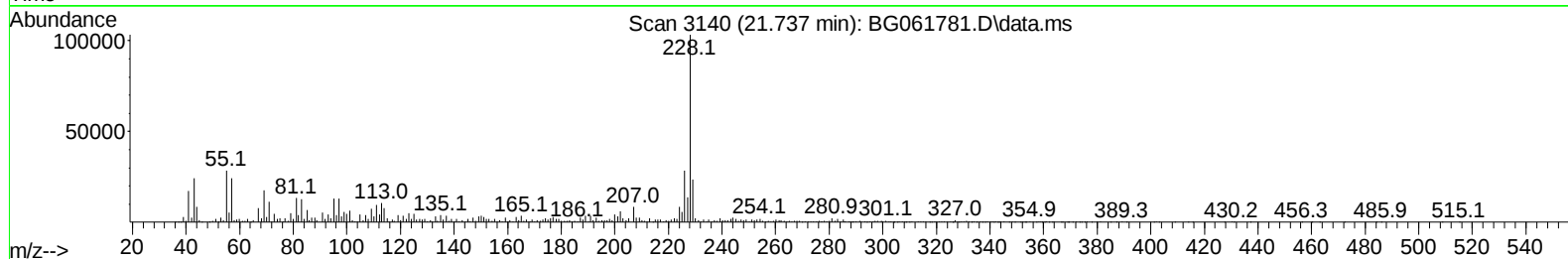
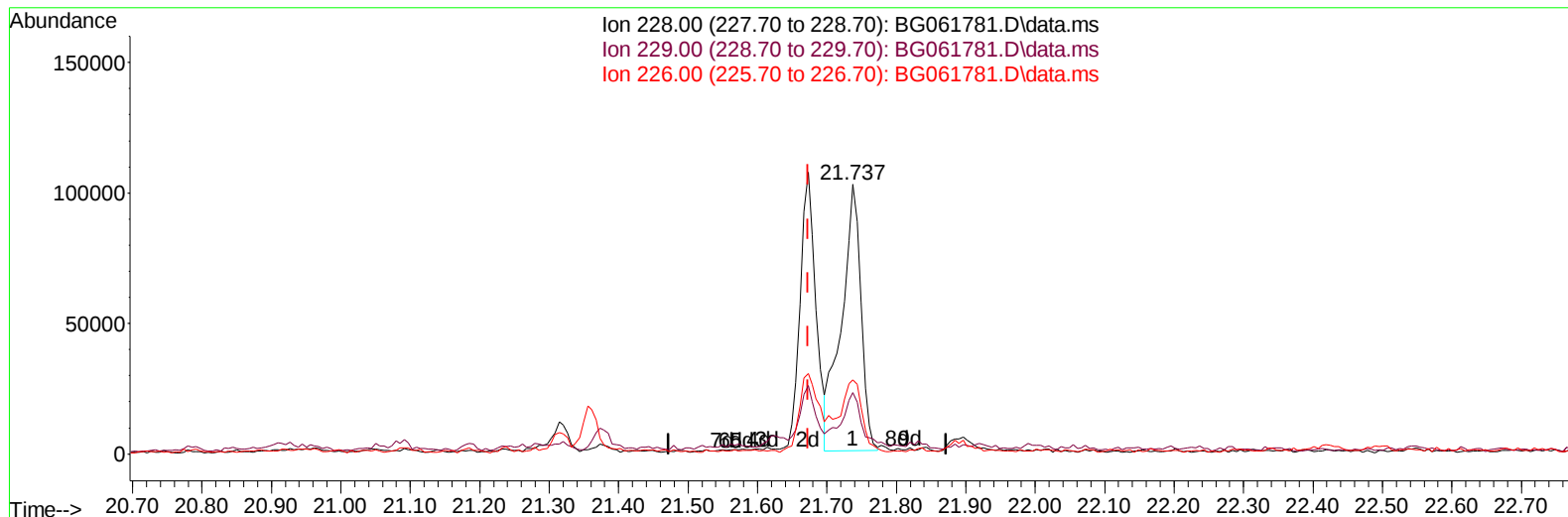
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 29 01:11:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061781.D\data.ms

(85) Benzo(a)anthracene

21.737min (+ 0.065) 8.91 ng/u1

response 200166

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	22.74
226.00	26.80	27.60
0.00	0.00	0.00

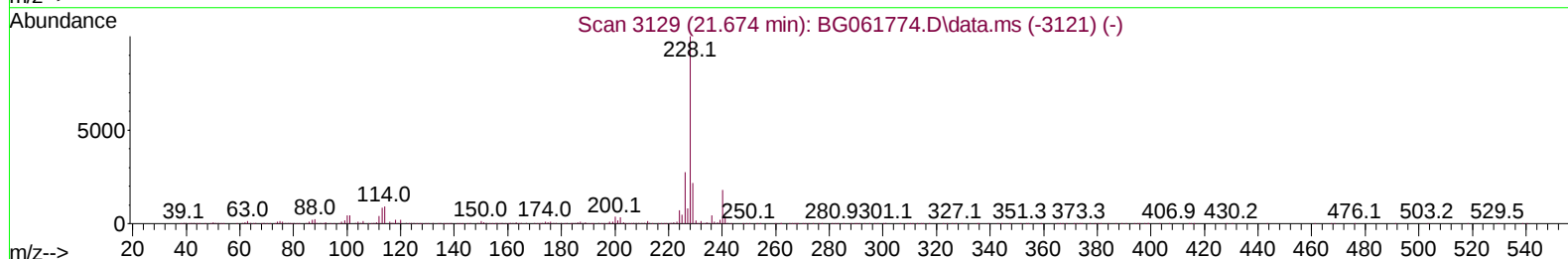
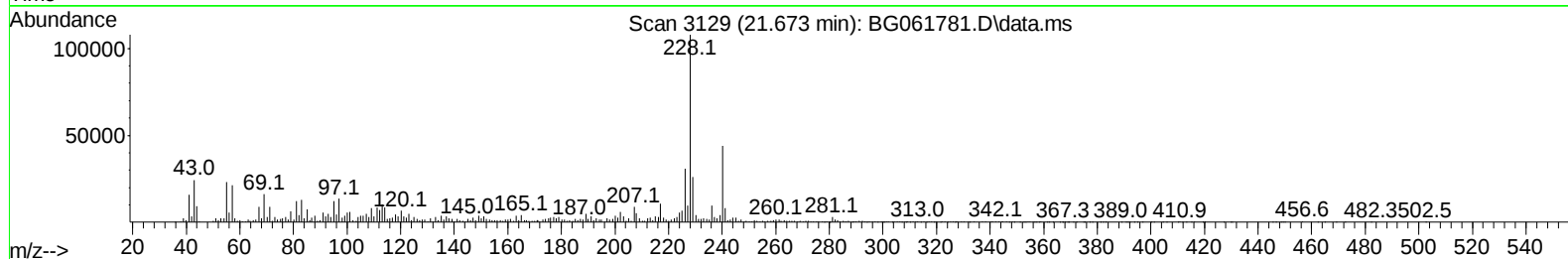
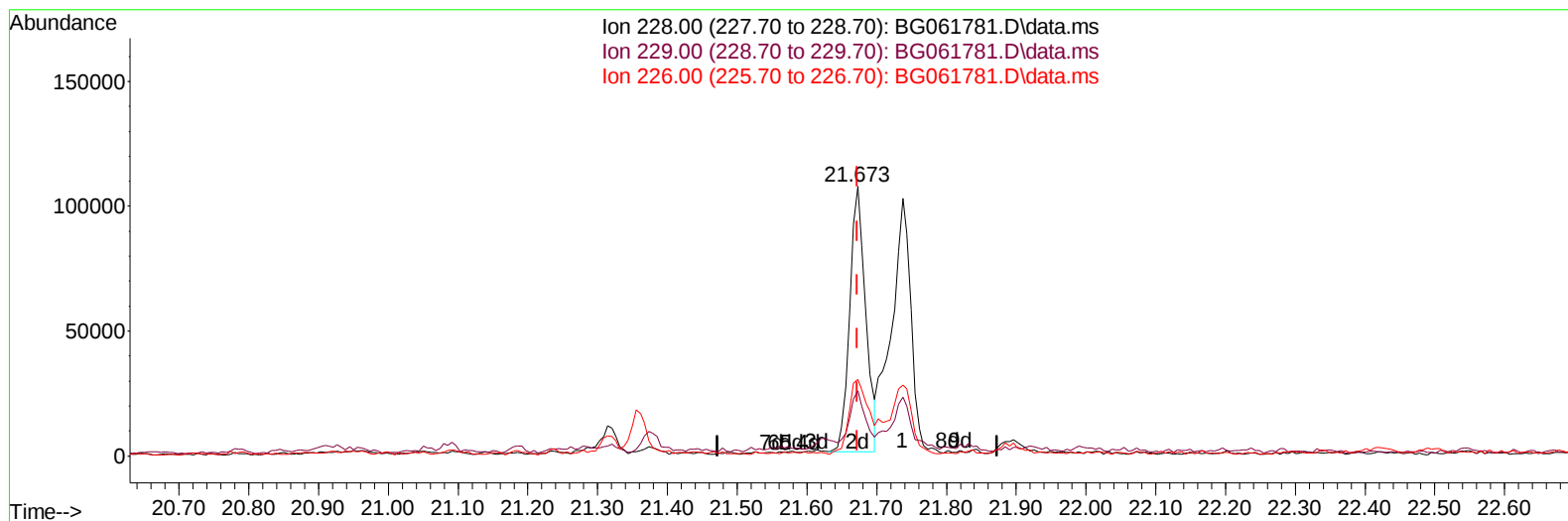
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061781.D\data.ms

(85) Benzo(a)anthracene

21.673min (+ 0.000) 7.52 ng/u1 m

response 168942

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	24.21#
226.00	26.80	28.48
0.00	0.00	0.00

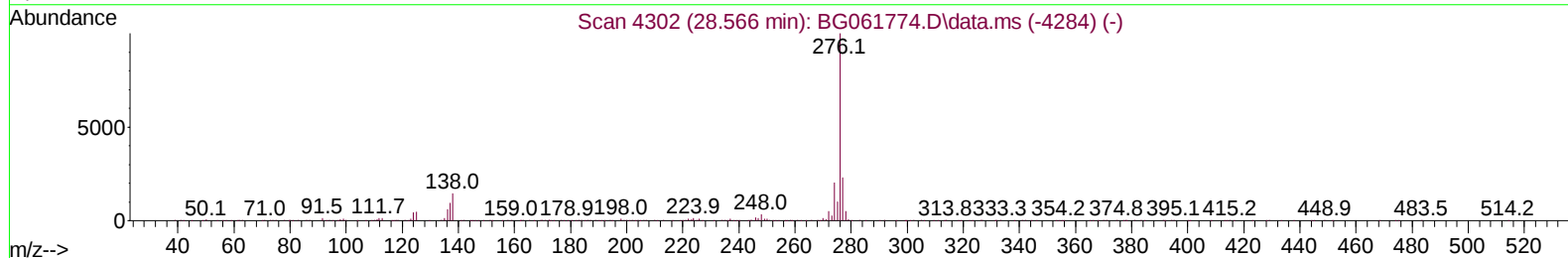
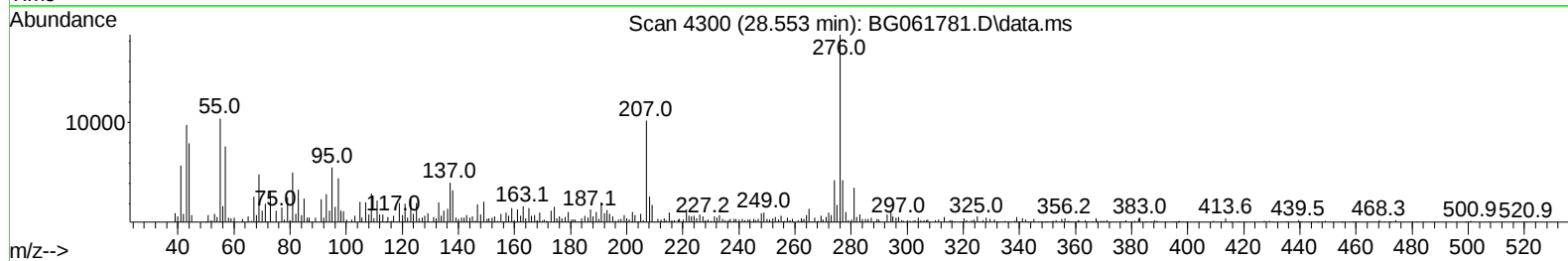
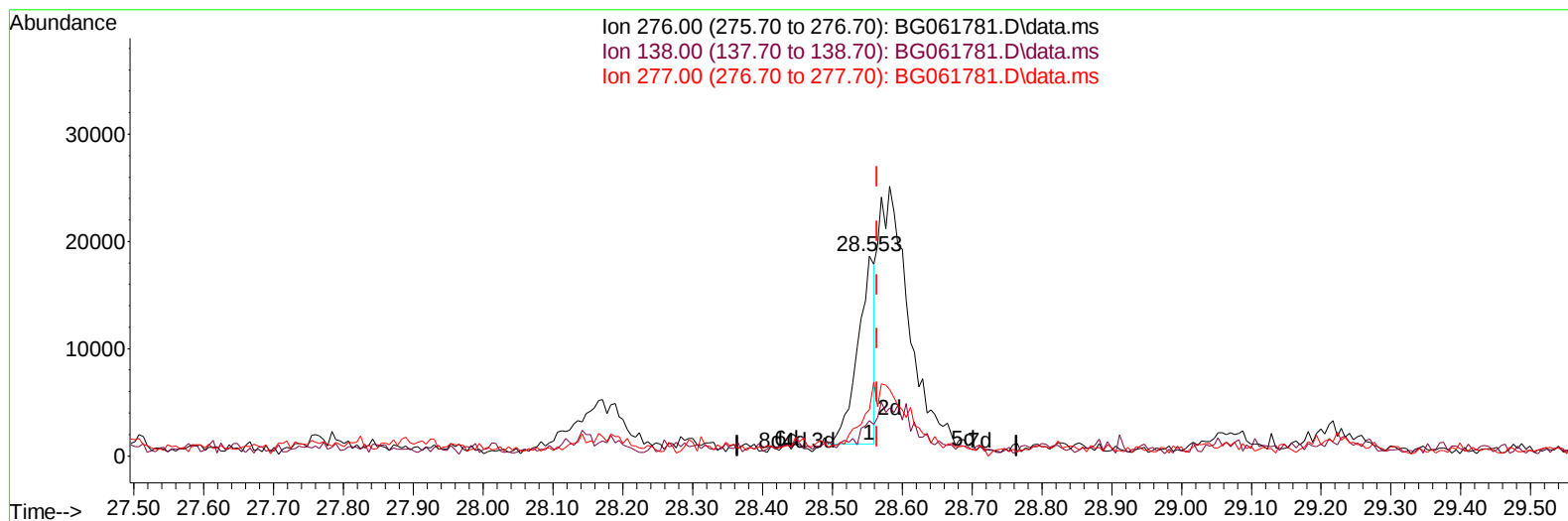
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:01:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061781.D\data.ms

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

28.553min (-0.012) 1.08 ng/u1

response 29215

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	17.67
277.00	24.60	22.91
0.00	0.00	0.00

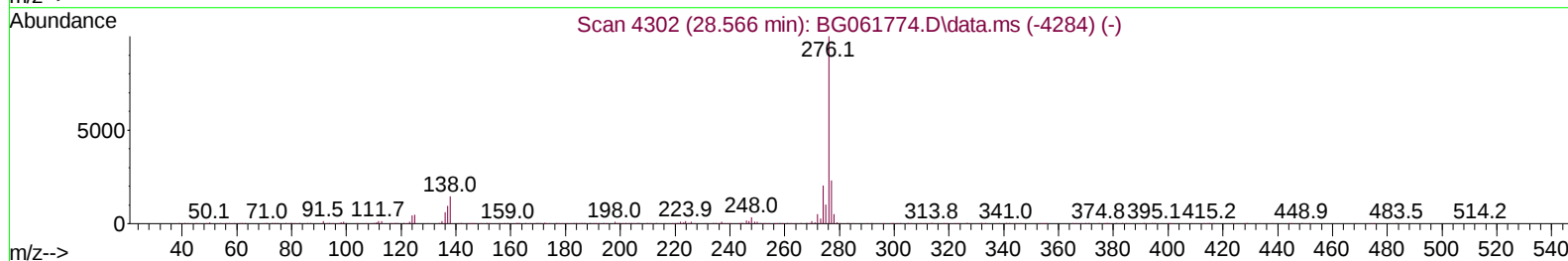
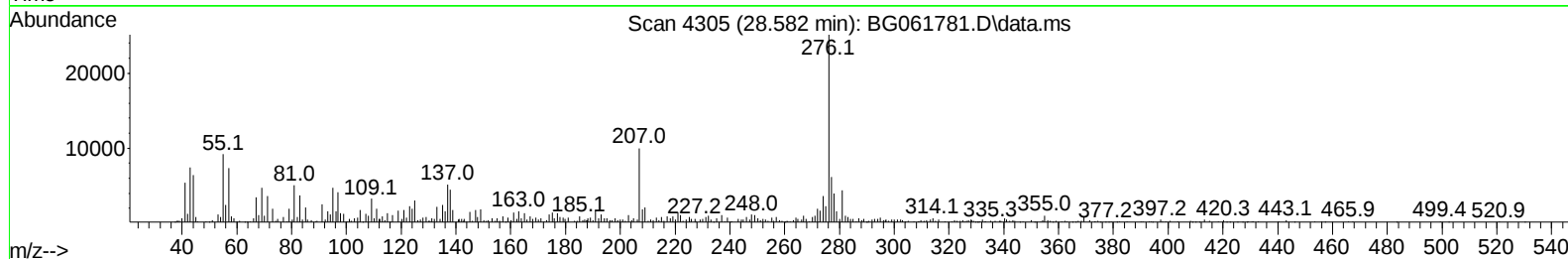
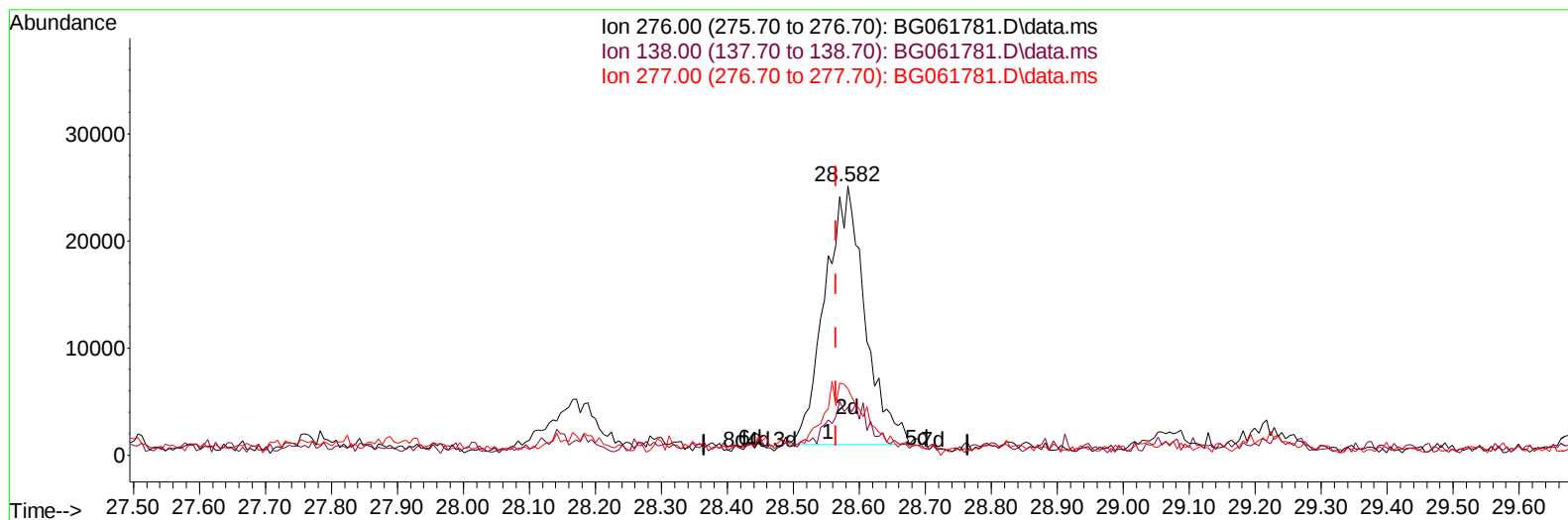
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:01:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061781.D\data.ms

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

28.582min (+ 0.018) 3.78 ng/ul m

response 101948

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	17.88
277.00	24.60	24.61
0.00	0.00	0.00

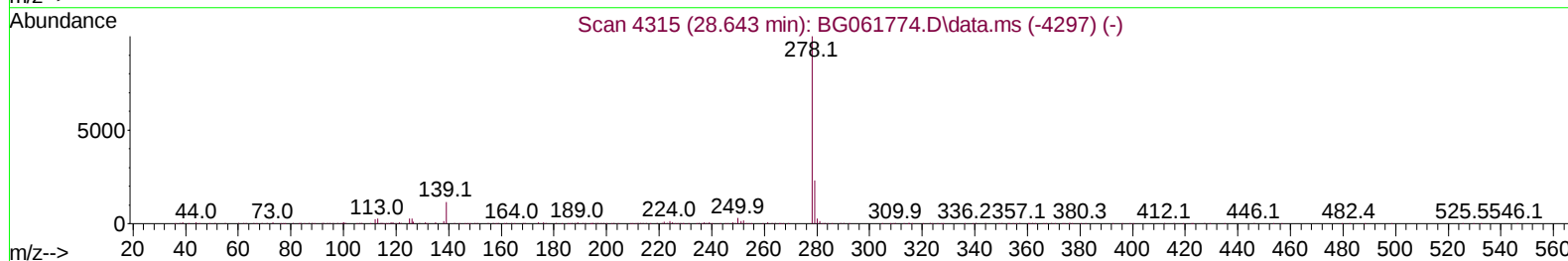
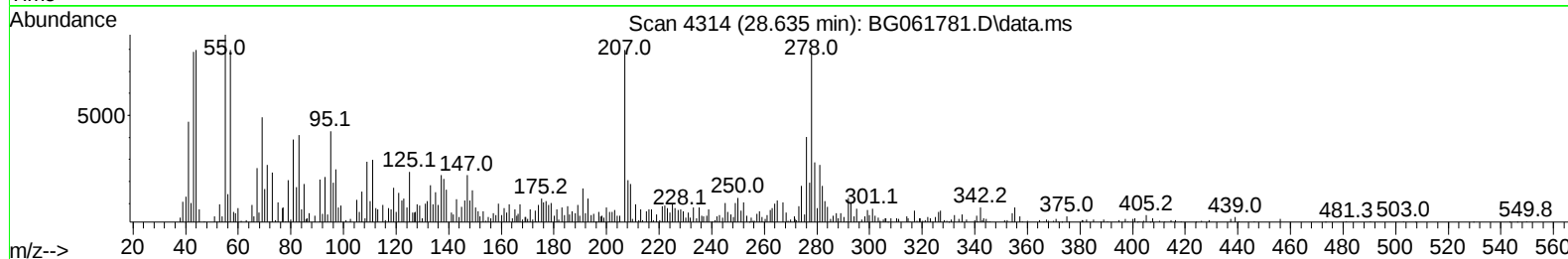
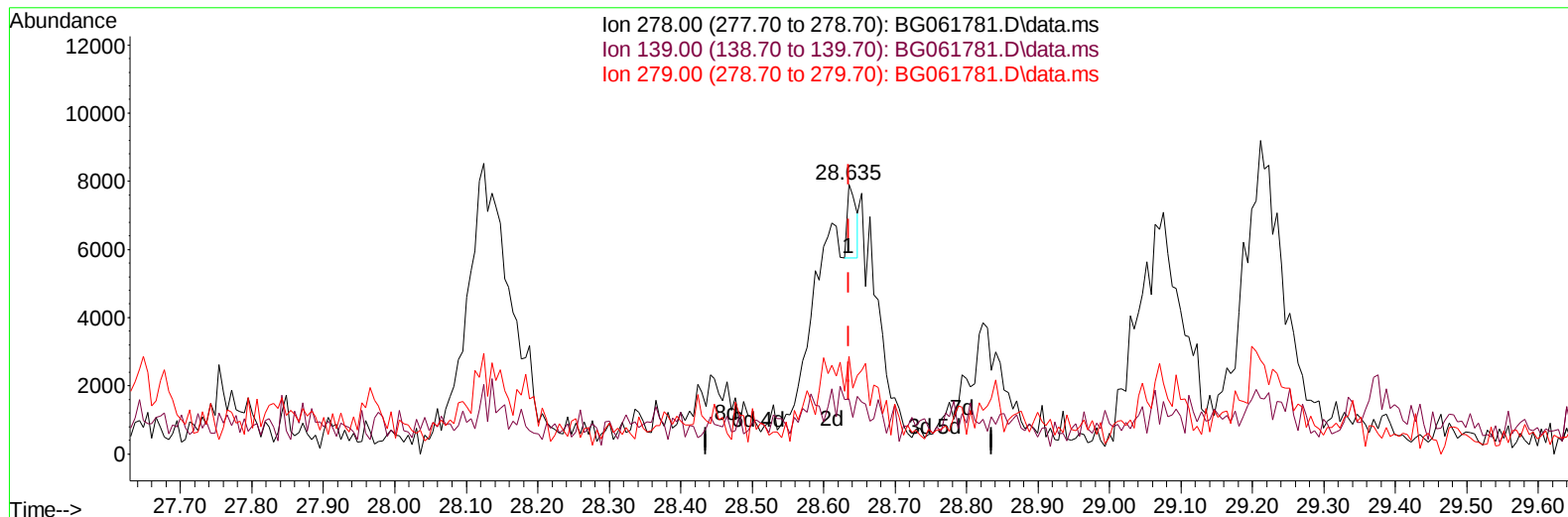
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:01:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061781.D\data.ms

(95) Dibenzo(a,h)anthracene

28.635min (+ 0.000) 0.08 ng/u1

response 1868

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	20.39#
279.00	23.30	36.26#
0.00	0.00	0.00

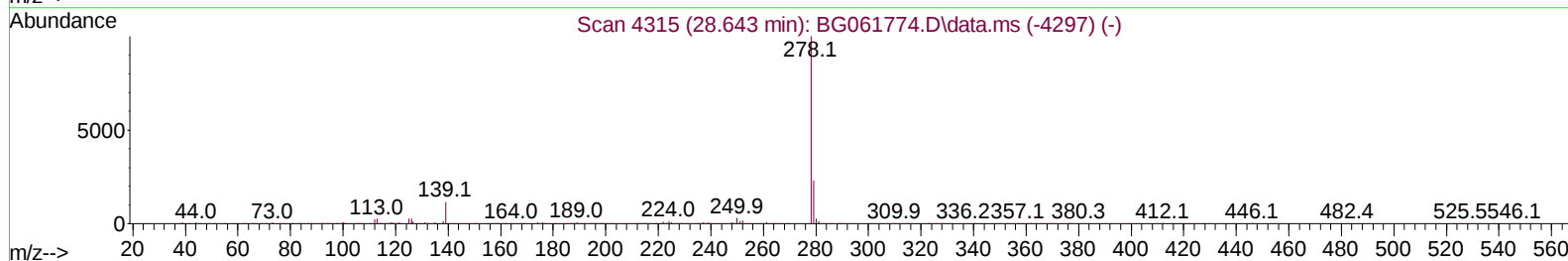
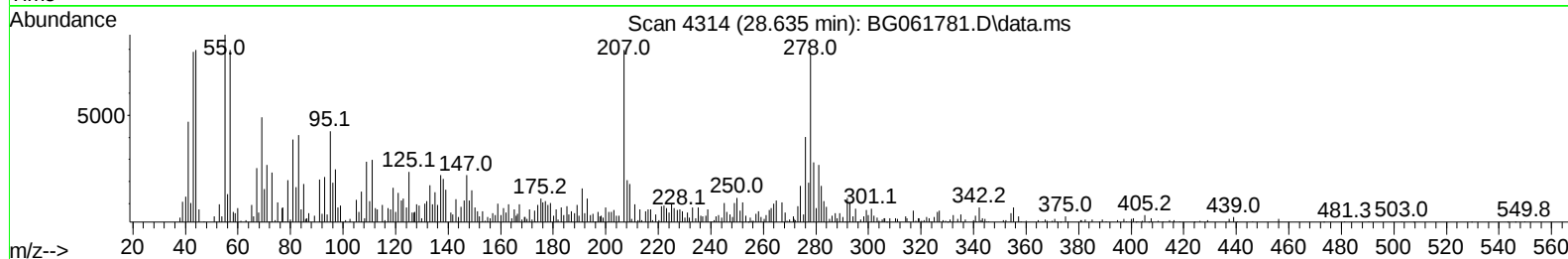
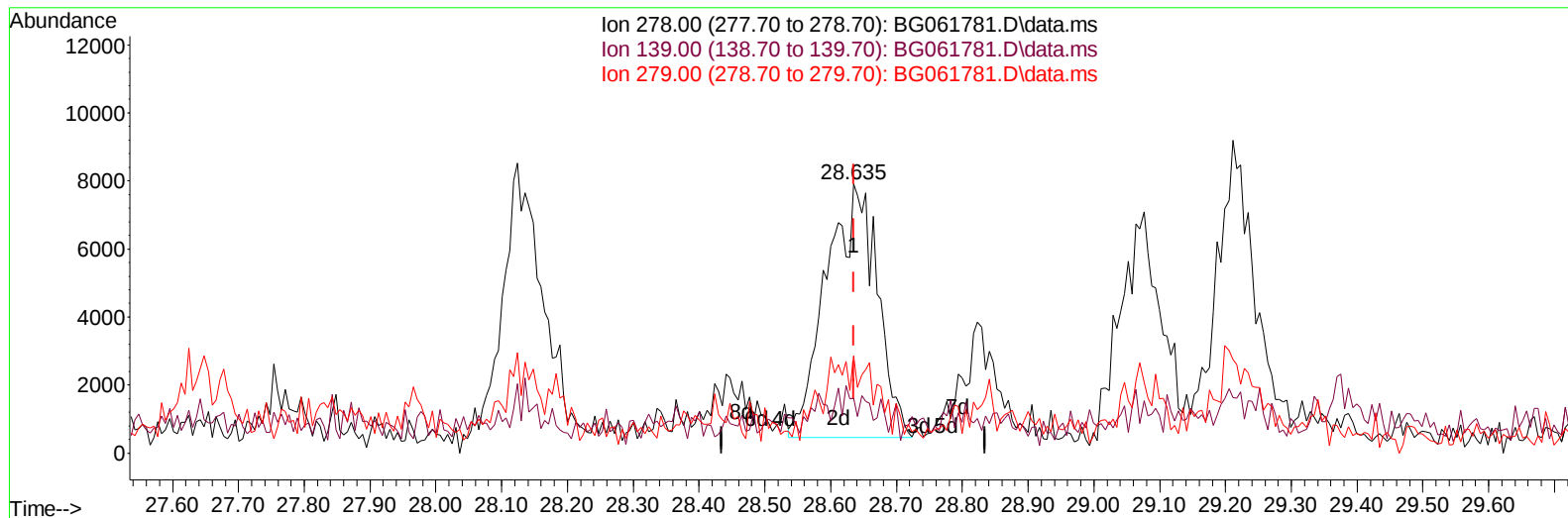
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:03:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061781.D\data.ms

(95) Dibenzo(a,h)anthracene

28.635min (+ 0.000) 1.78 ng/ul m

response 39922

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	20.39#
279.00	23.30	36.26#
0.00	0.00	0.00

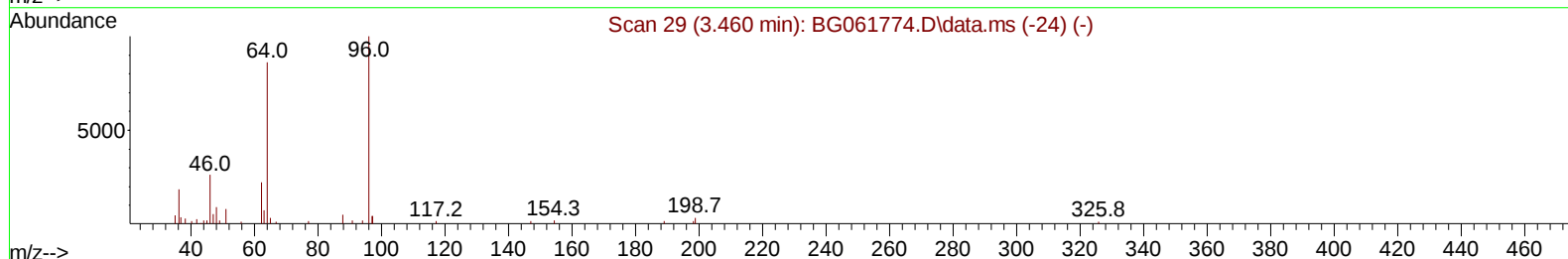
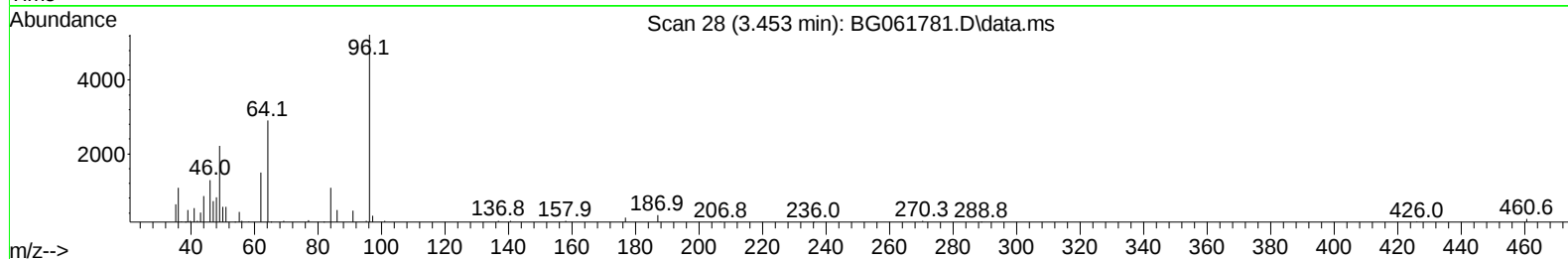
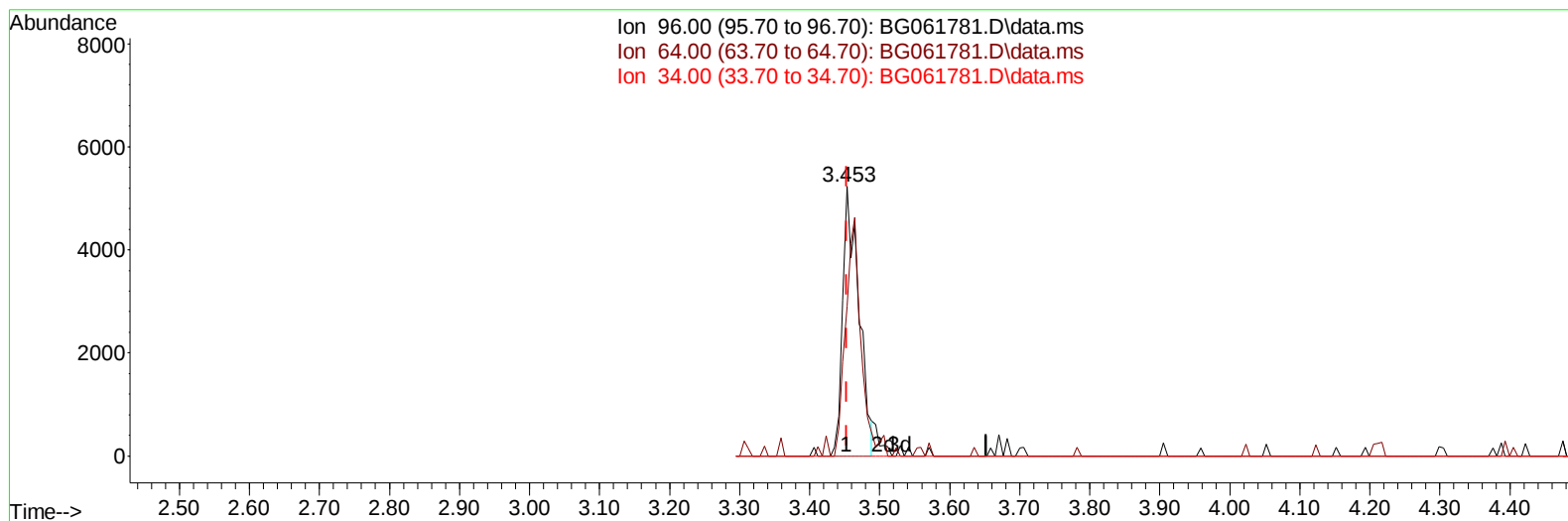
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:05:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061781.D\data.ms

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

3.453min (+ 0.000) 4.26 ng/uL

response 8472

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	65.50	55.44
34.00	0.00	0.00
0.00	0.00	0.00

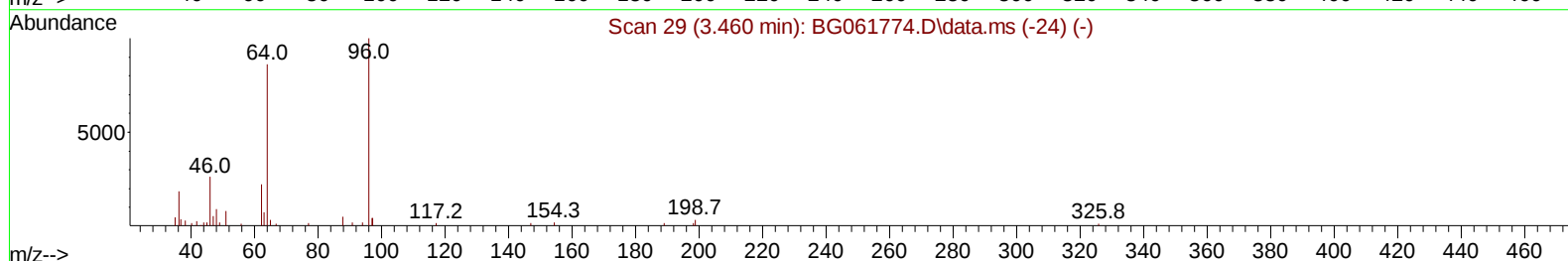
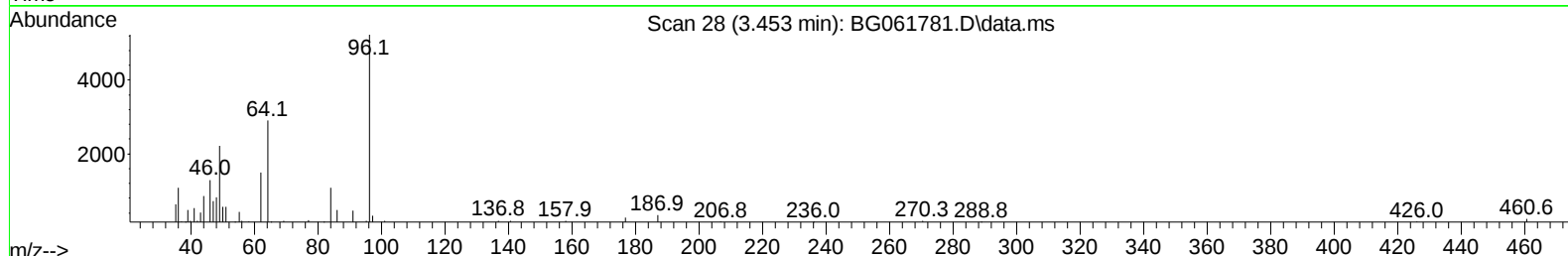
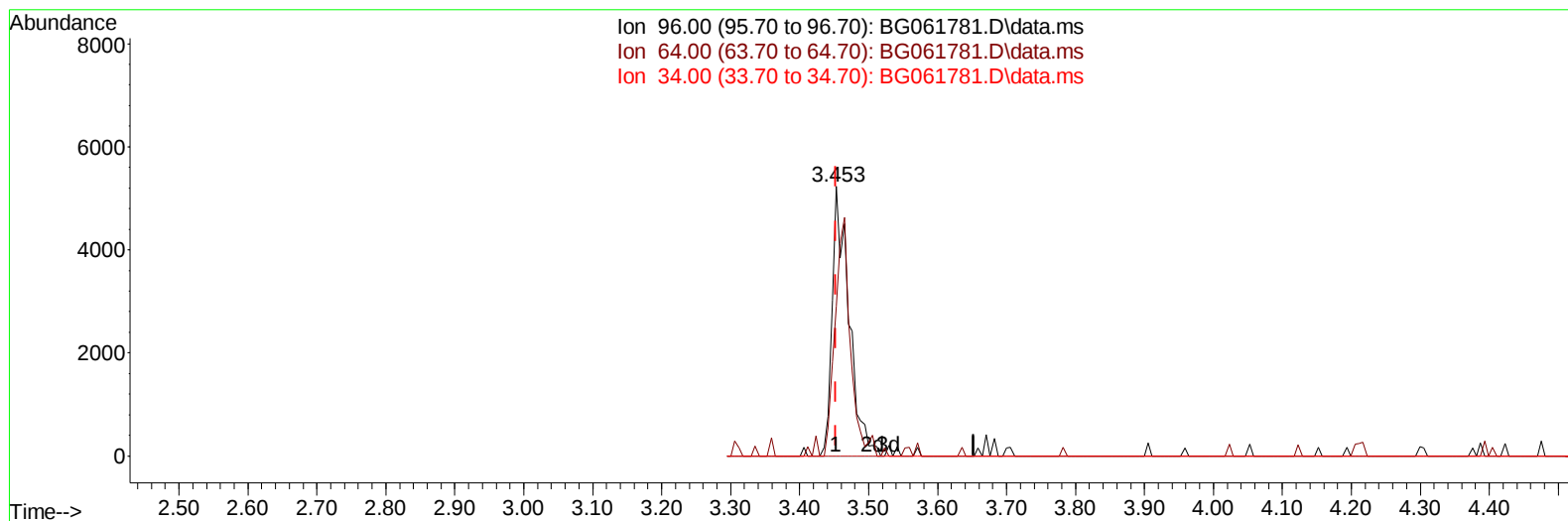
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 03:05:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration



TIC: BG061781.D\data.ms

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

3.453min (+ 0.000) 4.47 ng/uL m

response 8893

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	65.50	55.44
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
 Data File : BG061781.D
 Acq On : 28 Jun 2024 21:05
 Operator : MA/JU
 Sample : P2934-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:23:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.053	152	71919	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	324486	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	204751	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188	430268	20.000	ng/ul	0.00
79) Chrysene-d12	21.690	240	320194	20.000	ng/ul	0.00
88) Perylene-d12	24.910	264	374332	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	8893m	4.467	ng/uL	0.00
4) Pyridine-d5	3.894	84	10824	1.798	ng/ul	0.02
7) Phenol-d5	7.207	99	198486	25.422	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.378	67	121425	24.948	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132	141654	26.439	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	150249	24.893	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	71103	32.272	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	80550	36.097	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	153055	28.967	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	32694	4.087	ng/ul	0.00
46) Dimethylphthalate-d6	14.088	166	447177	28.381	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	507065	29.365	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	62134	22.961	ng/ul	0.00
60) Fluorene-d10	15.674	176	389972	28.271	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	35602	19.350	ng/ul	0.00
73) Anthracene-d10	17.525	188	550644	28.037	ng/ul	0.00
81) Pyrene-d10	19.810	212	483042	27.008	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.693	264	321814	18.000	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.921	128	18739	1.032	ng/ul	97
72) Phenanthrene	17.472	178	171707	7.586	ng/ul	98
74) Anthracene	17.560	178	36853m	1.592	ng/ul	
80) Fluoranthene	19.475	202	311039	14.988	ng/ul	97
82) Pyrene	19.840	202	226718	10.275	ng/ul	95
85) Benzo(a)anthracene	21.673	228	168942m	7.517	ng/ul	
87) Chrysene	21.737	228	195854	9.209	ng/ul	95
90) Benzo(b)fluoranthene	23.888	252	259131	11.516	ng/ul#	98
91) Benzo(k)fluoranthene	23.947	252	90603	3.915	ng/ul#	90
93) Benzo(a)pyrene	24.763	252	94019	4.340	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.582	276	101948m	3.777	ng/ul	
95) Dibenzo(a,h)anthracene	28.635	278	39922m	1.778	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061781.D
Acq On : 28 Jun 2024 21:05
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:23:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

