

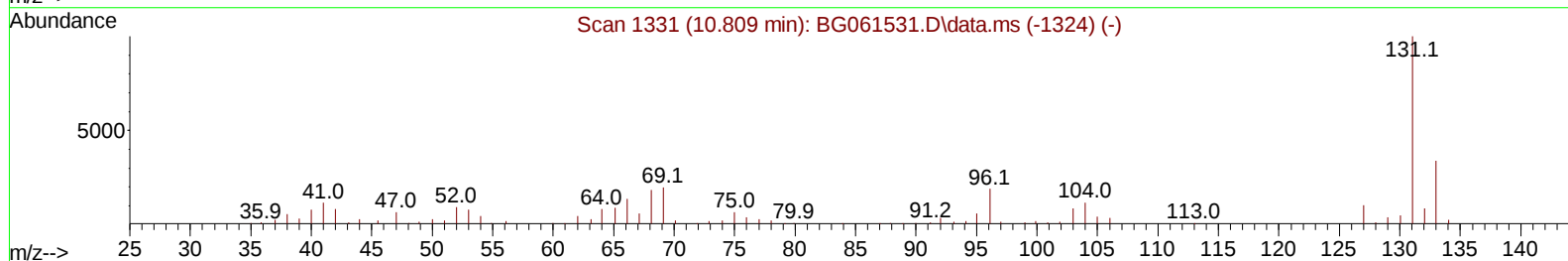
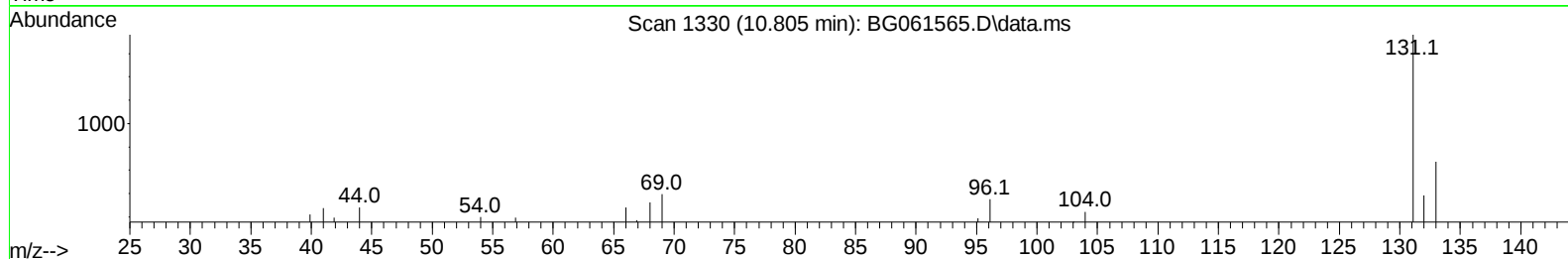
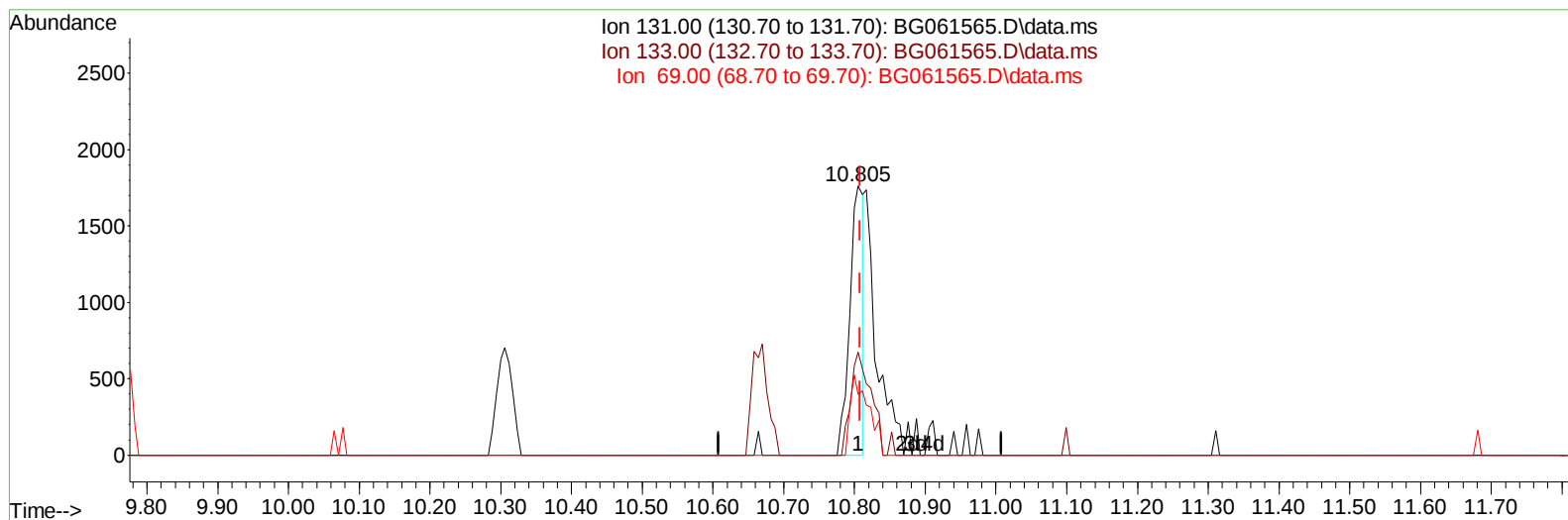
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061565.D
Acq On : 8 Jun 2024 14:51
Operator : MA/JU
Sample : P2647-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T4

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:01:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061565.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.805min (-0.003) 0.94 ng/u1

response 2342

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	30.90	38.27#
69.00	22.50	22.60
0.00	0.00	0.00

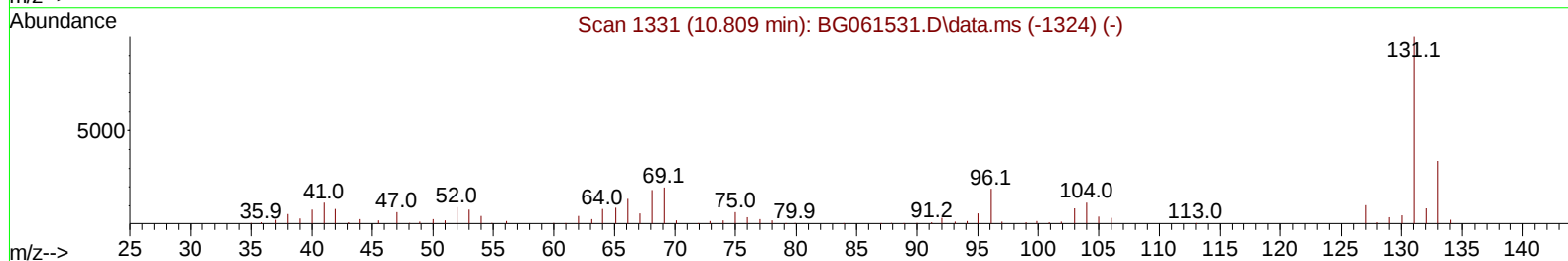
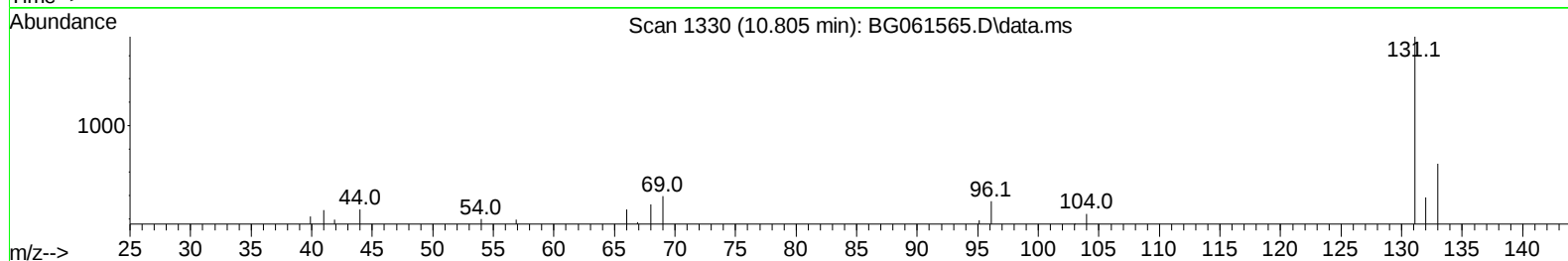
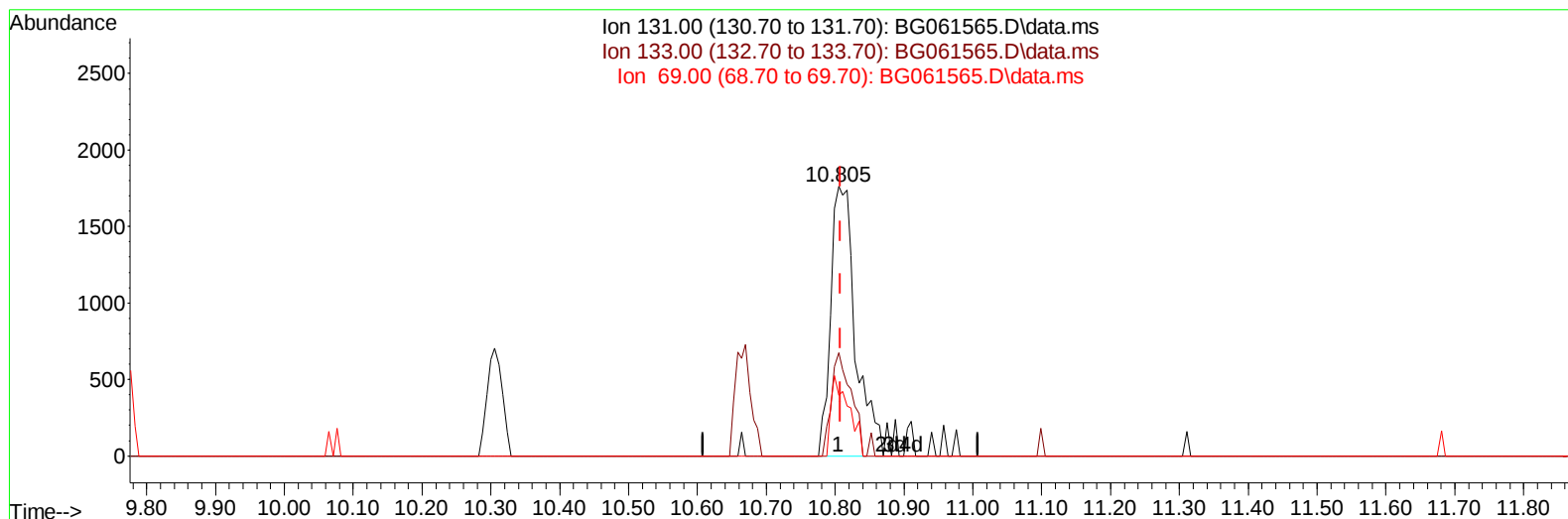
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061565.D
Acq On : 8 Jun 2024 14:51
Operator : MA/JU
Sample : P2647-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T4

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:01:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061565.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.805min (-0.003) 1.75 ng/ul m

response 4381

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	30.90	38.27#
69.00	22.50	22.60
0.00	0.00	0.00

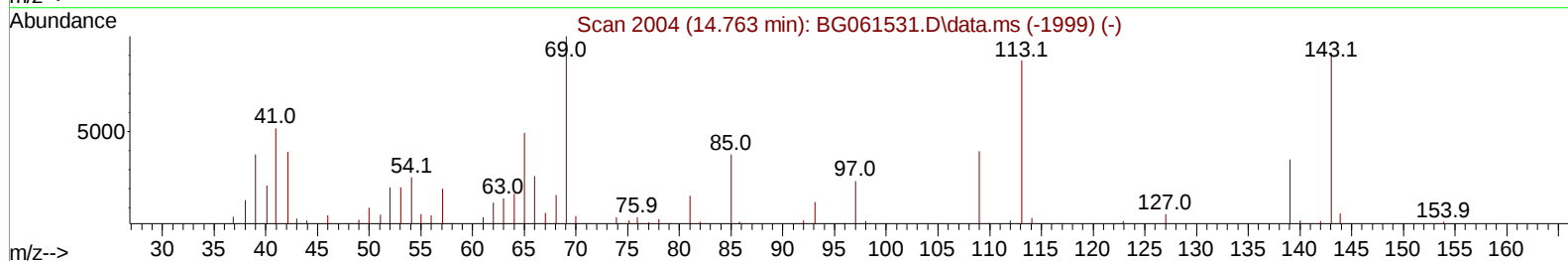
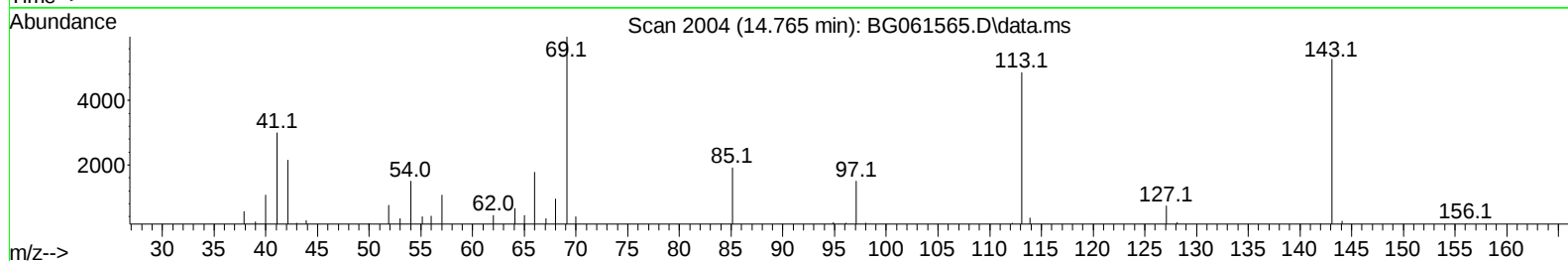
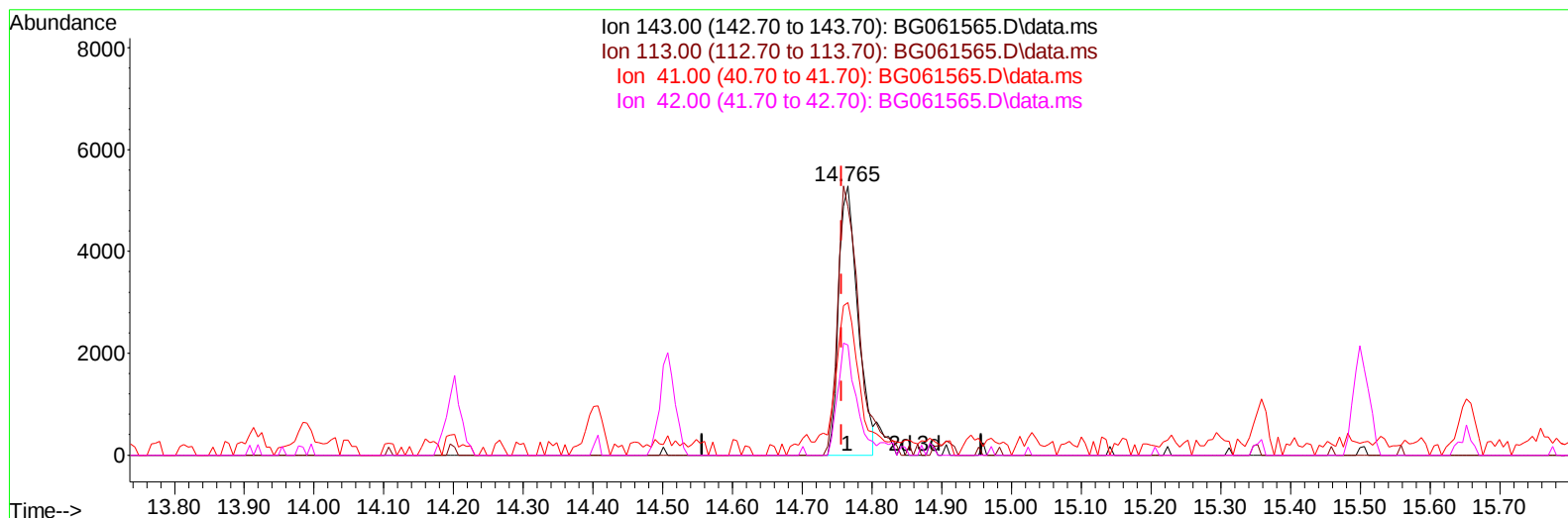
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061565.D
Acq On : 8 Jun 2024 14:51
Operator : MA/JU
Sample : P2647-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:01:23 2024
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QLast Update : Thu Jun 06 12:15:45 2024
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061565.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.765min (+ 0.009) 12.95 ng/u1

response 10009

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	92.26#
41.00	77.10	56.83#
42.00	49.50	40.83

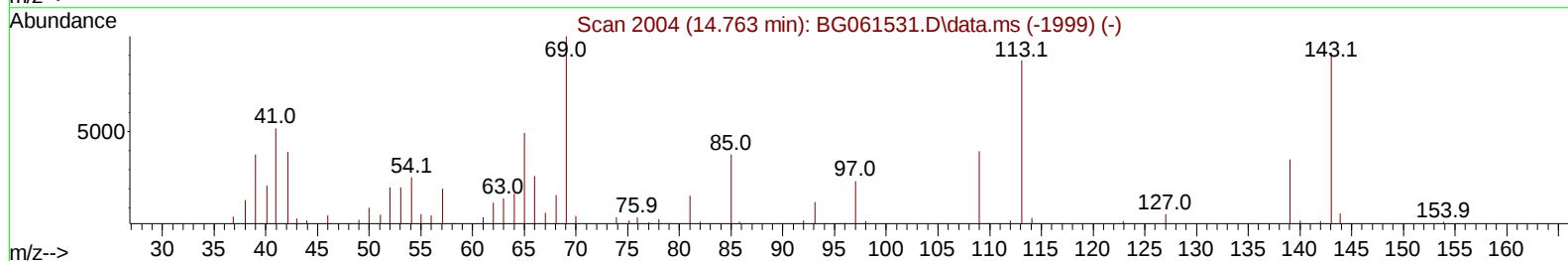
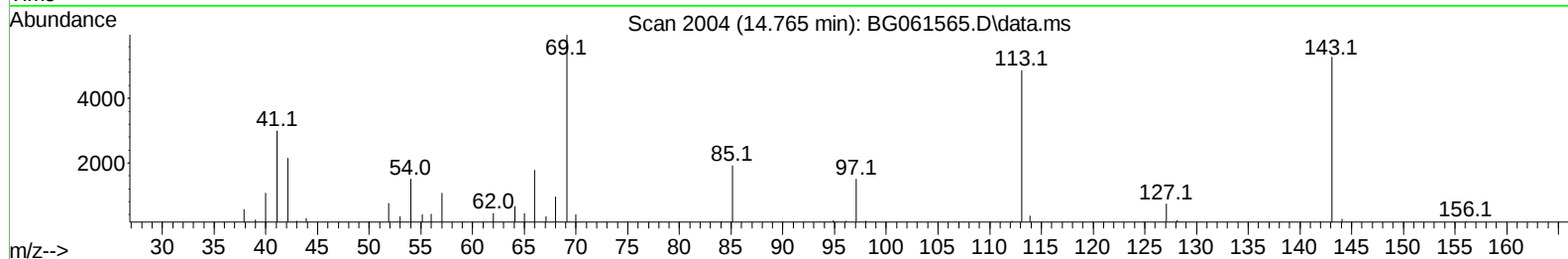
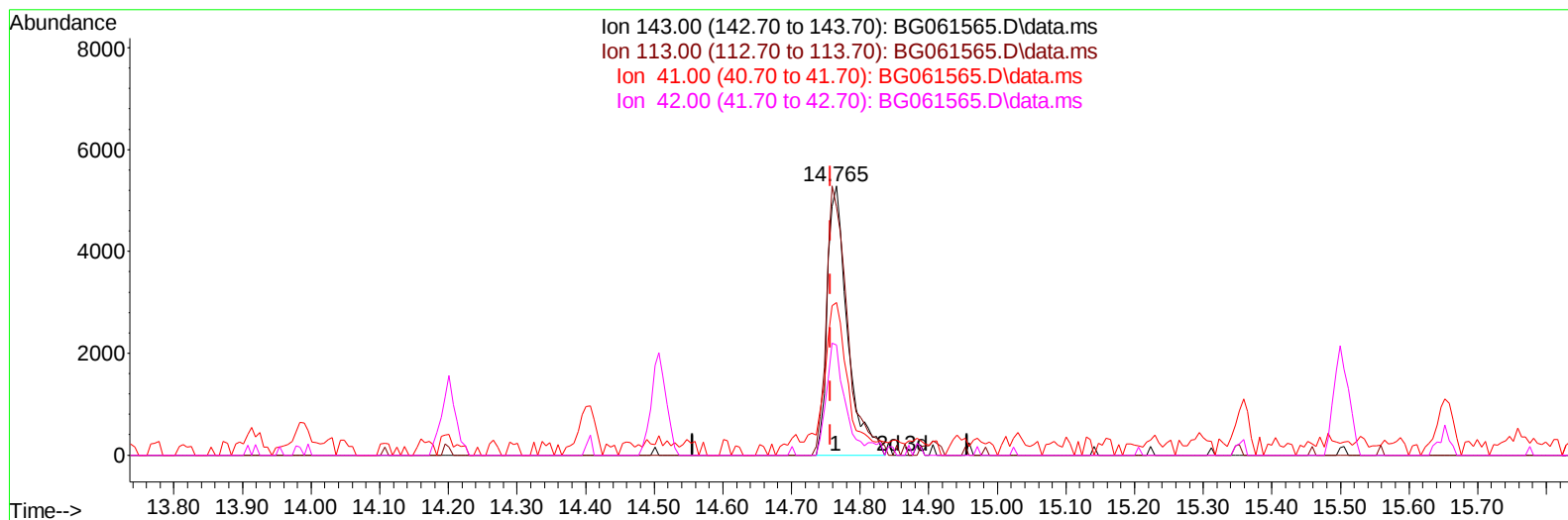
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061565.D
Acq On : 8 Jun 2024 14:51
Operator : MA/JU
Sample : P2647-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T4

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:01:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061565.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.765min (+ 0.009) 13.91 ng/ul m

response 10749

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	92.26#
41.00	77.10	56.83#
42.00	49.50	40.83

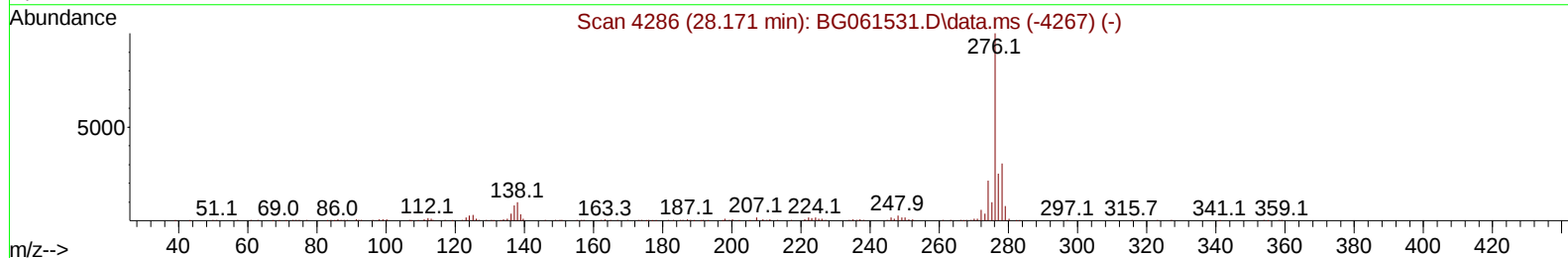
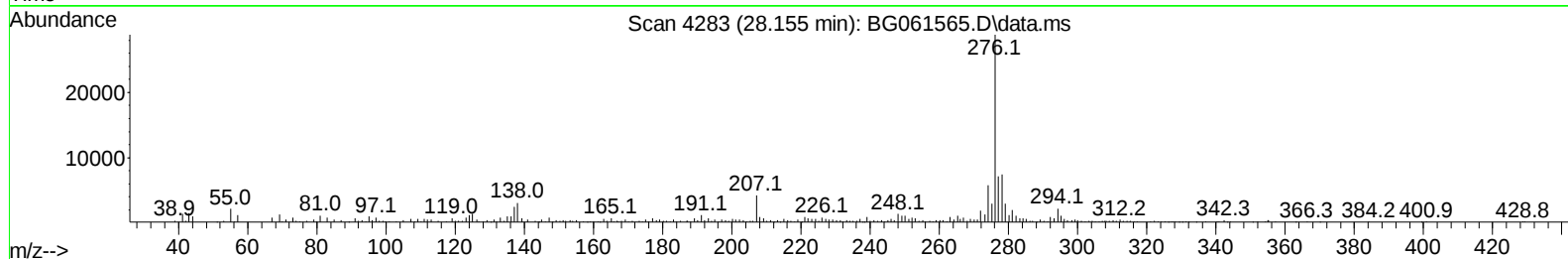
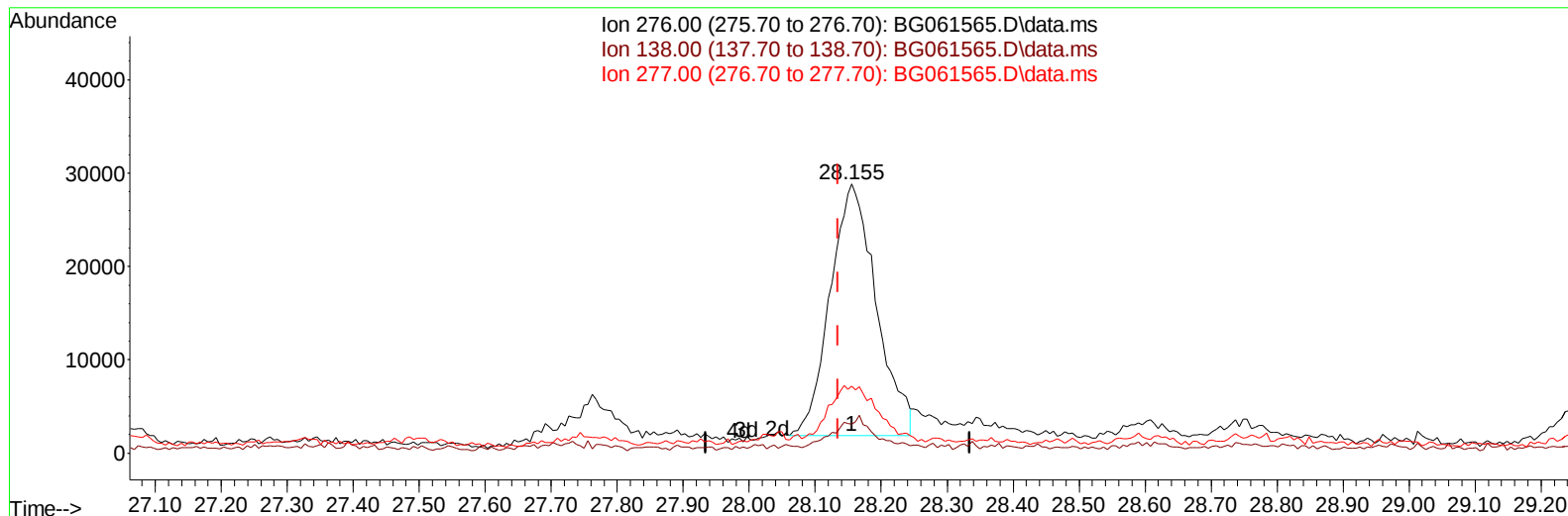
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061565.D
Acq On : 8 Jun 2024 14:51
Operator : MA/JU
Sample : P2647-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T4

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:01:23 2024
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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061565.D\data.ms

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

28.155min (+ 0.021) 8.19 ng/u1

response 131029

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.69
277.00	24.60	24.90
0.00	0.00	0.00

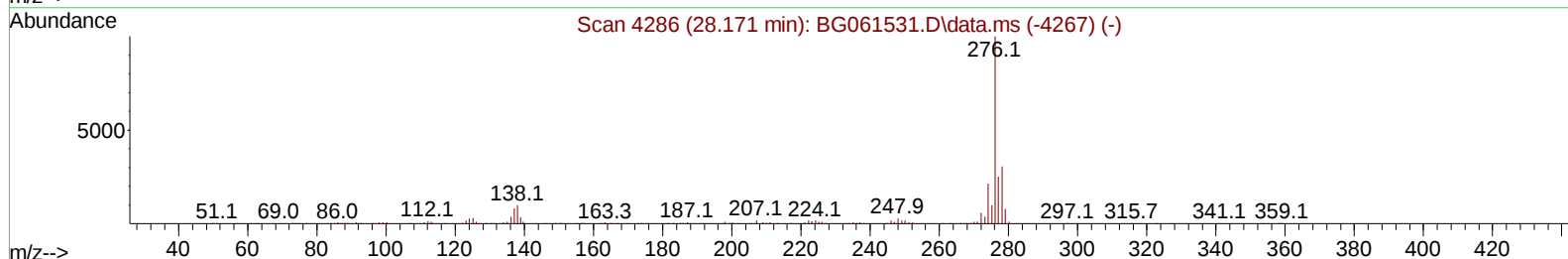
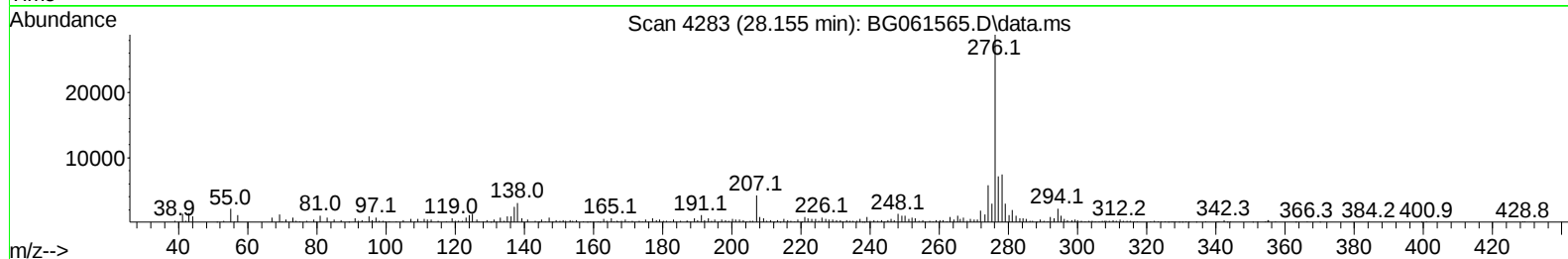
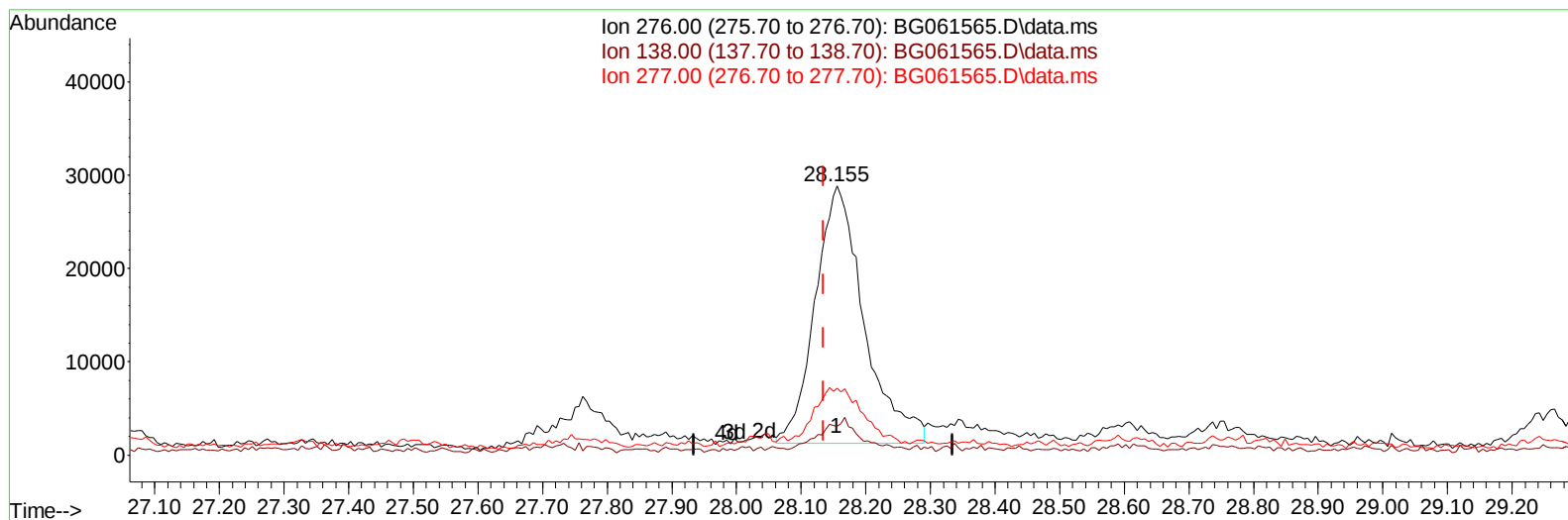
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061565.D
Acq On : 8 Jun 2024 14:51
Operator : MA/JU
Sample : P2647-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T4

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:01:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061565.D\data.ms

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

28.155min (+ 0.021) 9.10 ng/u1 m

response 145499

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.69
277.00	24.60	24.90
0.00	0.00	0.00

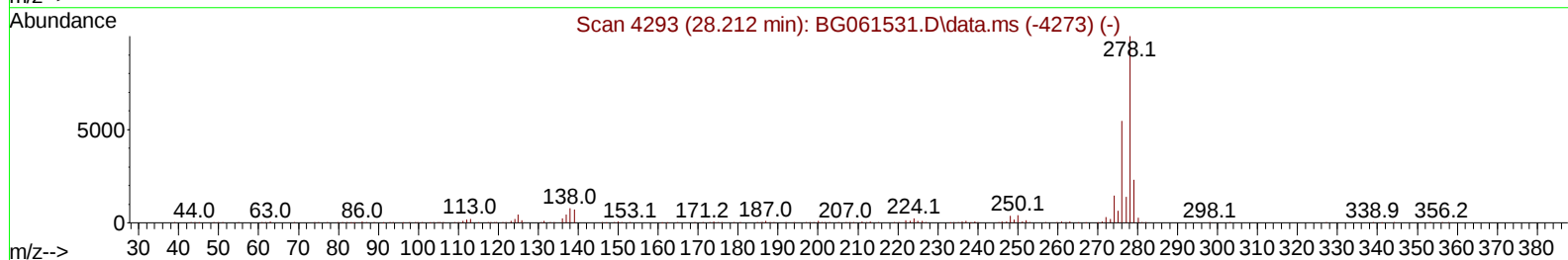
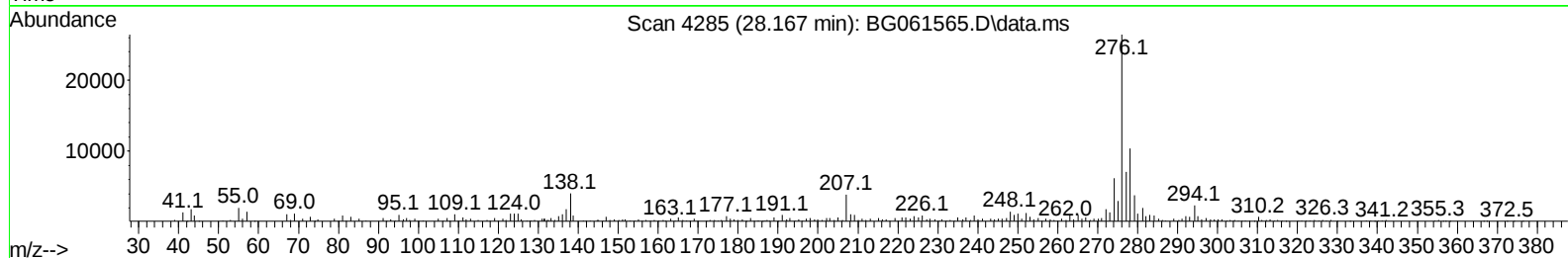
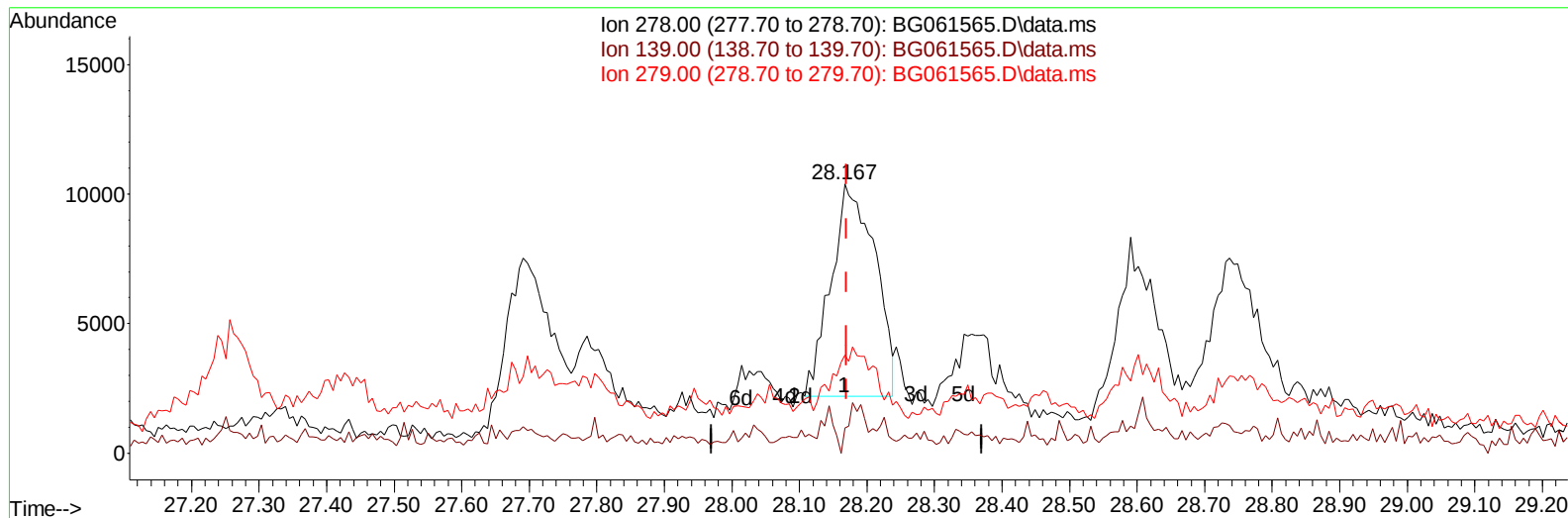
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061565.D
Acq On : 8 Jun 2024 14:51
Operator : MA/JU
Sample : P2647-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T4

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:45:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061565.D\data.ms

(95) Dibenzo(a,h)anthracene

28.167min (-0.003) 2.81 ng/u1

response 37089

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.36
279.00	24.90	36.46#
0.00	0.00	0.00

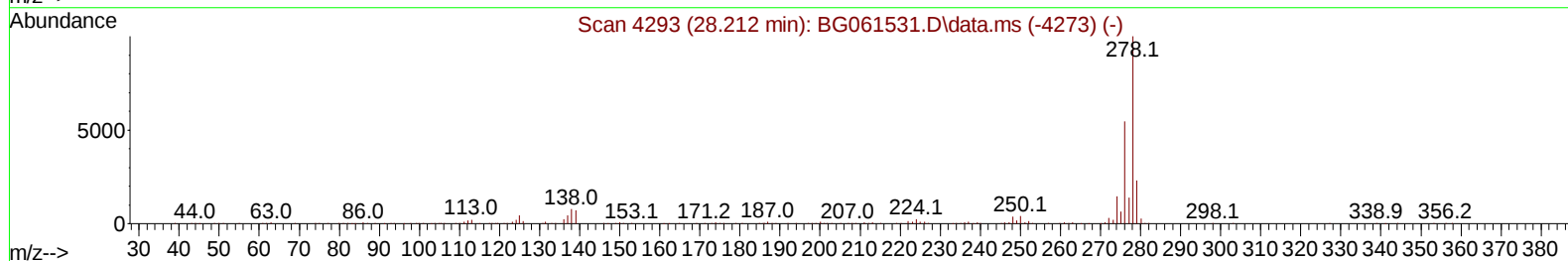
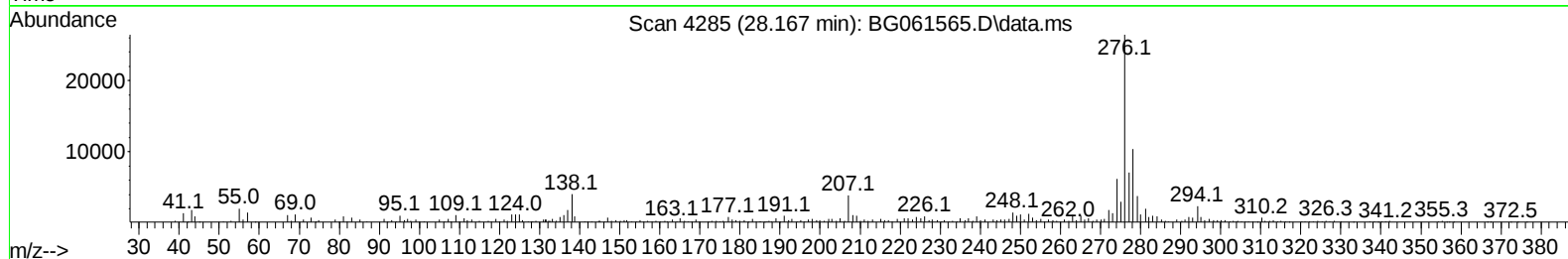
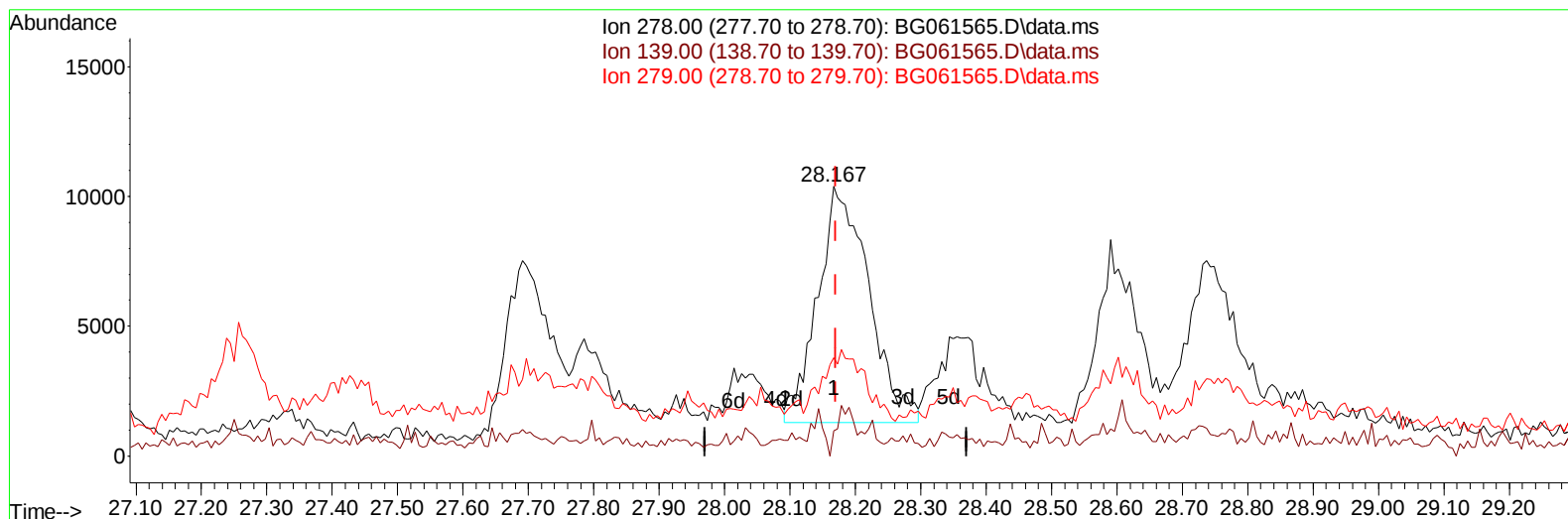
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061565.D
Acq On : 8 Jun 2024 14:51
Operator : MA/JU
Sample : P2647-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T4

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:45:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061565.D\data.ms

(95) Dibenzo(a,h)anthracene

28.167min (-0.003) 3.74 ng/u1 m

response 49318

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.36
279.00	24.90	36.46#
0.00	0.00	0.00

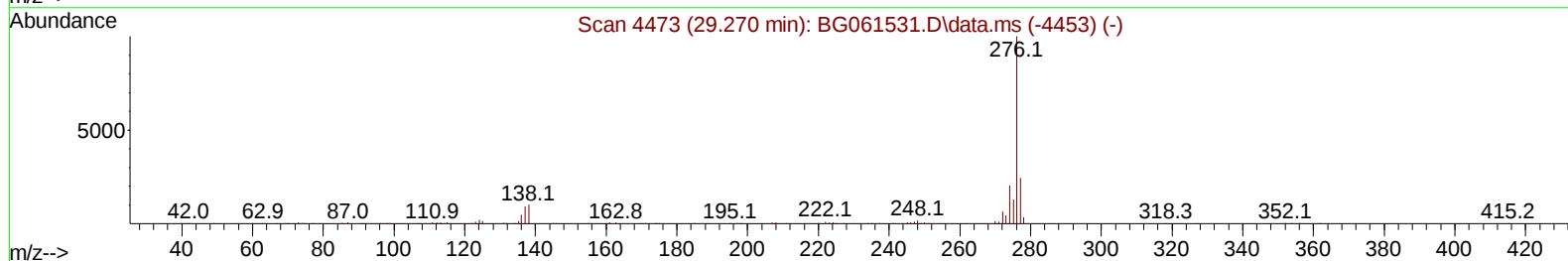
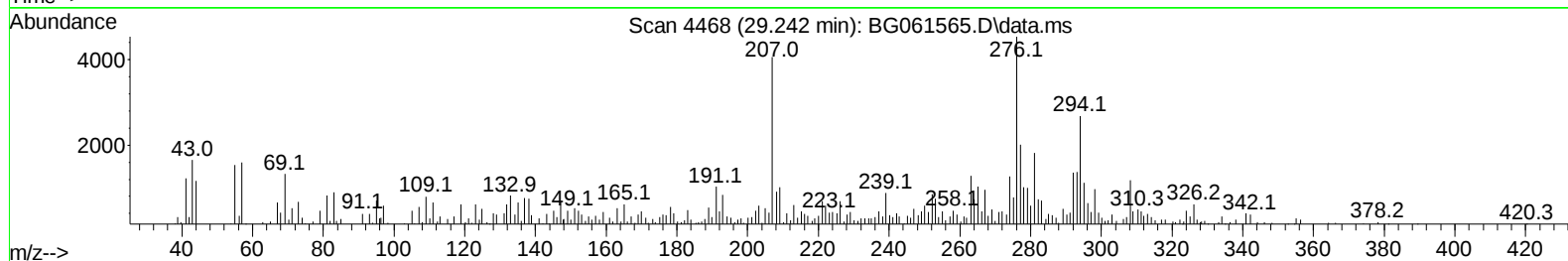
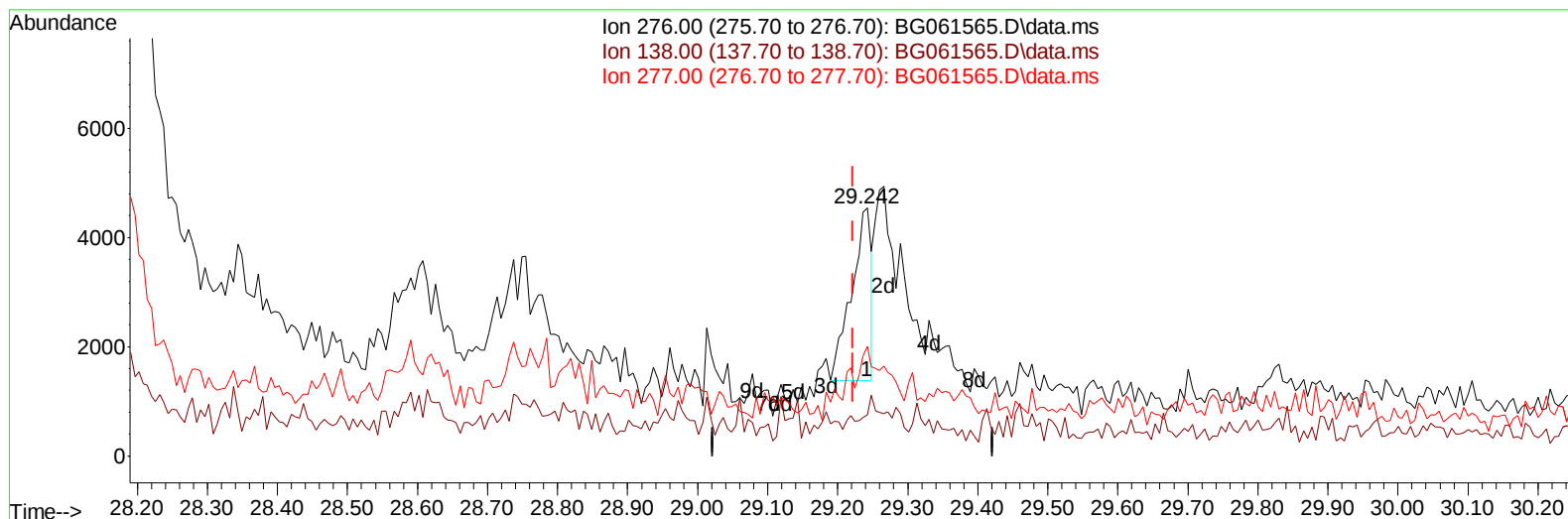
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Data File : BG061565.D
Acq On : 8 Jun 2024 14:51
Operator : MA/JU
Sample : P2647-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T4

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:46:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061565.D\data.ms

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

29.242min (+ 0.021) 0.49 ng/u1

response 6243

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	16.57#
277.00	22.70	44.30#
0.00	0.00	0.00

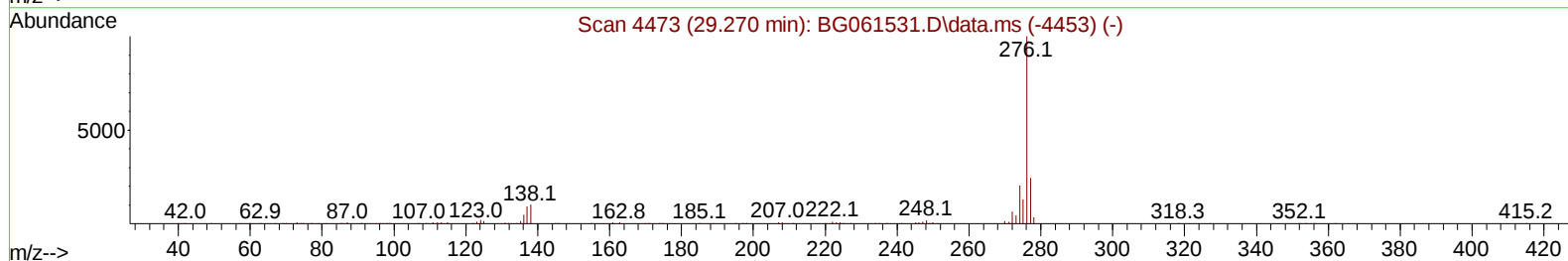
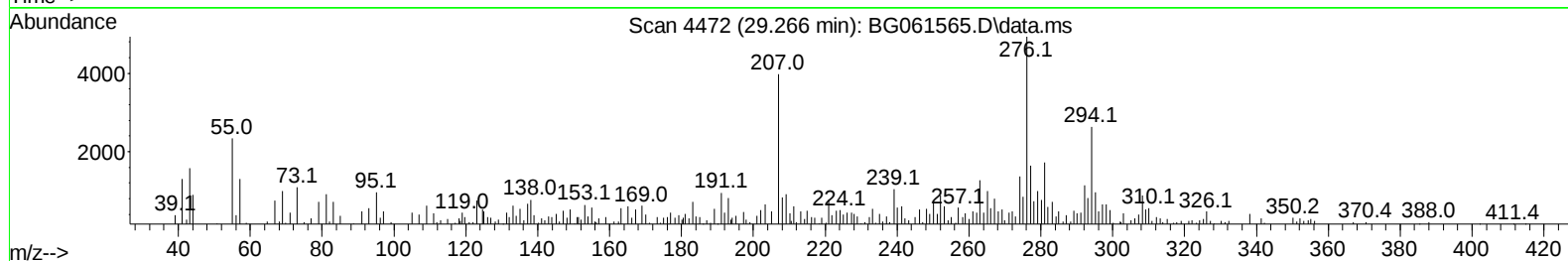
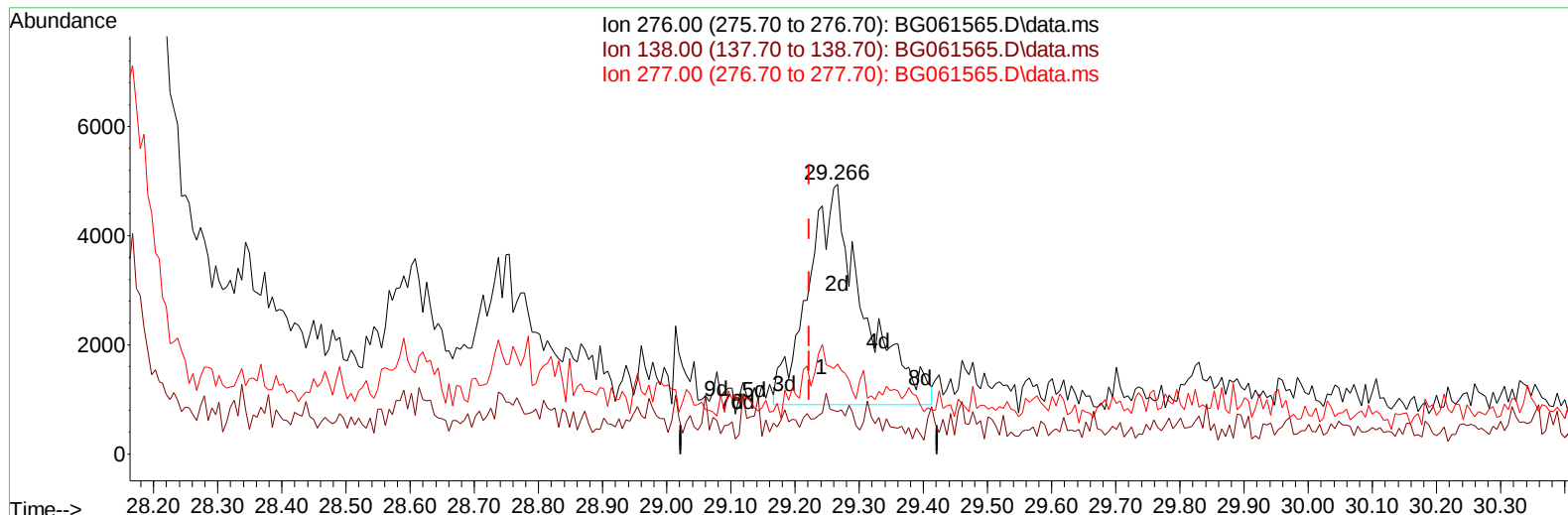
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061565.D
Acq On : 8 Jun 2024 14:51
Operator : MA/JU
Sample : P2647-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/10/2024



TIC: BG061565.D\data.ms

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

29.266min (+ 0.044) 1.92 ng/u1 m

response 24377

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	15.64#
277.00	22.70	33.27#
0.00	0.00	0.00

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 Sample : P2647-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 BH5T4

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	28594	20.000	ng/ul	0.00
20) Naphthalene-d8	10.664	136	108766	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.507	164	80580	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	186466	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	200989	20.000	ng/ul	# 0.00
88) Perylene-d12	24.624	264	233986	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	1282	2.509	ng/uL	-0.03
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.062	99	35982	15.324	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	22154	15.010	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.409	132	31586	18.176	ng/ul	0.00
15) 4-Methylphenol-d8	8.596	113	30923	15.444	ng/ul	0.00
21) Nitrobenzene-d5	9.031	128	16013	19.122	ng/ul	0.00
24) 2-Nitrophenol-d4	9.748	143	17721	18.081	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	37761	19.763	ng/ul	0.00
31) 4-Chloroaniline-d4	10.805	131	4381m	1.753	ng/ul	0.00
46) Dimethylphthalate-d6	13.913	166	121042	19.368	ng/ul	0.00
49) Acenaphthylene-d8	14.201	160	128477	19.774	ng/ul	0.00
54) 4-Nitrophenol-d4	14.765	143	10749m	13.912	ng/ul	0.00
60) Fluorene-d10	15.506	176	105956	19.637	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	15969	14.160	ng/ul	0.00
73) Anthracene-d10	17.362	188	175087	21.298	ng/ul	0.00
81) Pyrene-d10	19.654	212	196443	19.035	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.413	264	175007	15.557	ng/ul	0.01
Target Compounds						
						Qvalue
72) Phenanthrene	17.303	178	137287	15.169	ng/ul	99
74) Anthracene	17.392	178	22840	2.441	ng/ul	99
77) Carbazole	17.668	167	13338	1.752	ng/ul	97
78) Di-n-butylphthalate	18.220	149	87862	9.213	ng/ul	100
80) Fluoranthene	19.325	202	412173	33.293	ng/ul	98
82) Pyrene	19.689	202	329240	25.621	ng/ul#	96
85) Benzo(a)anthracene	21.504	228	301966	21.774	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	63546	9.725	ng/ul#	97
87) Chrysene	21.569	228	314754	24.648	ng/ul	96
90) Benzo(b)fluoranthene	23.649	252	489416	35.130	ng/ul	99
91) Benzo(k)fluoranthene	23.702	252	158632	11.216	ng/ul	96
93) Benzo(a)pyrene	24.477	252	176815	13.366	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.155	276	145499m	9.095	ng/ul	
95) Dibenzo(a,h)anthracene	28.167	278	49318m	3.739	ng/ul	
96) Benzo(g,h,i)perylene	29.266	276	24377m	1.915	ng/ul	

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

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T4

Manual IntegrationsAPPROVED

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