

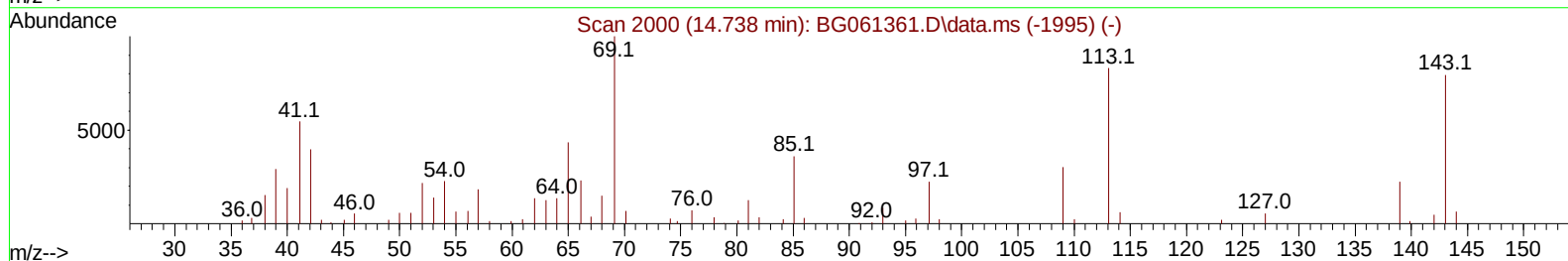
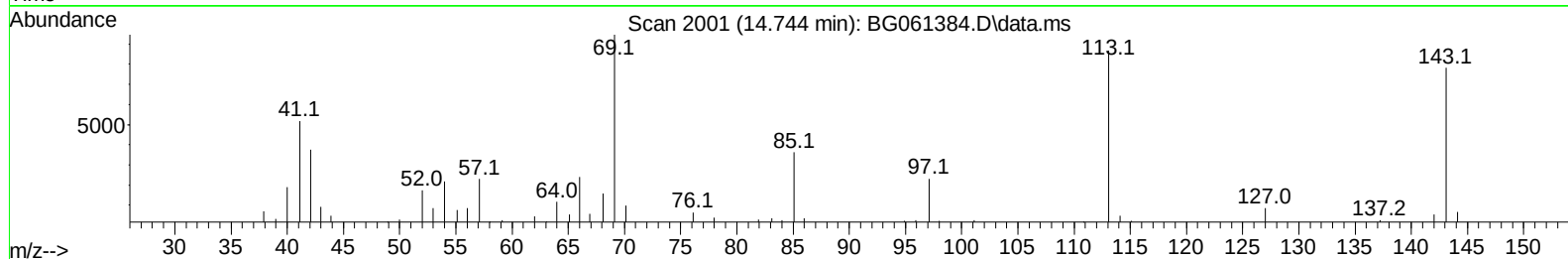
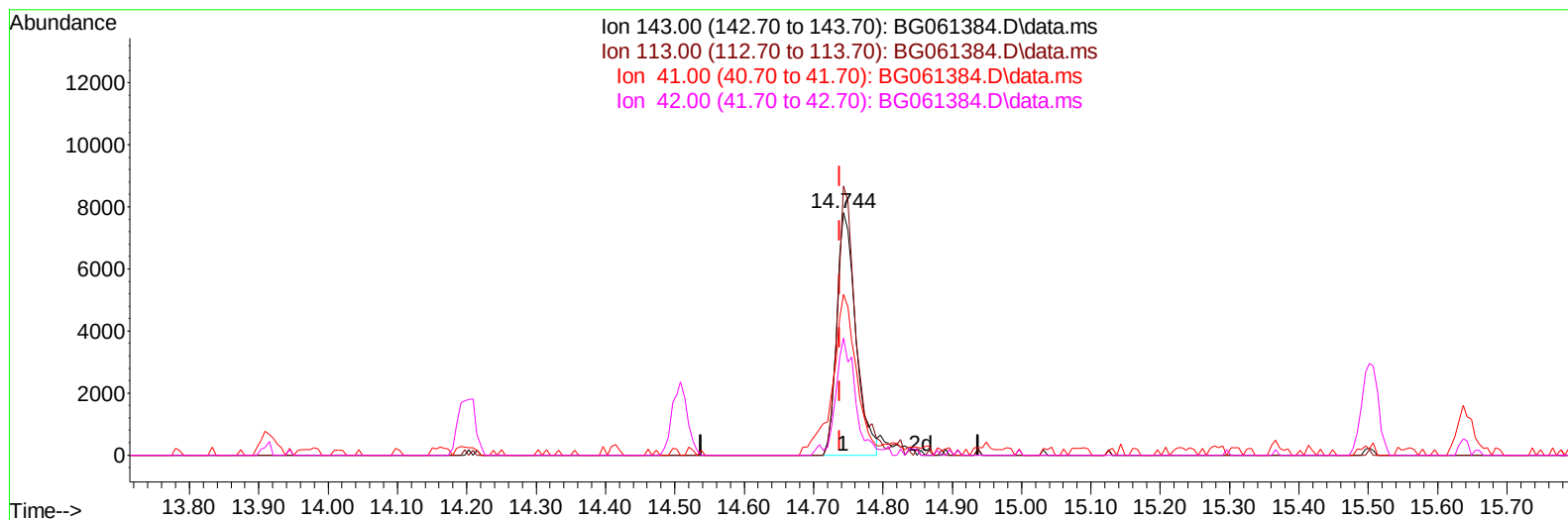
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C1

Manual IntegrationsAPPROVED

Quant Time: May 31 08:57:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061384.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.744min (+ 0.006) 18.94 ng/ul

response 14856

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	110.99
41.00	77.10	66.45
42.00	49.50	48.23

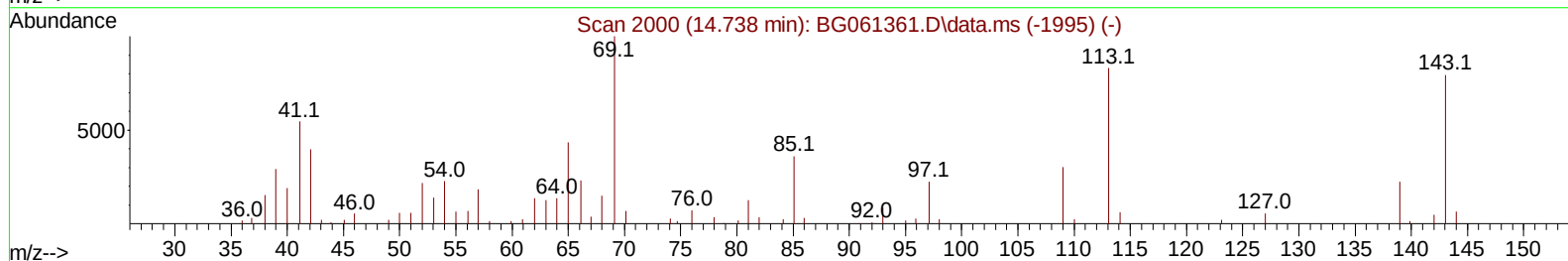
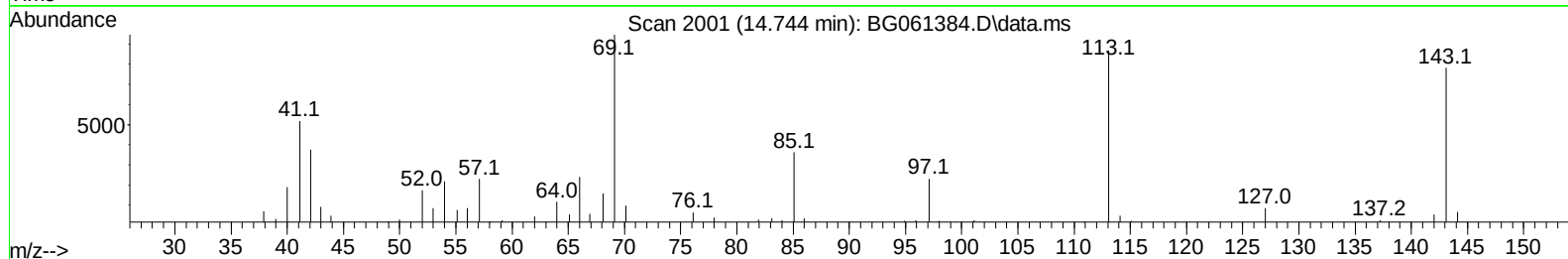
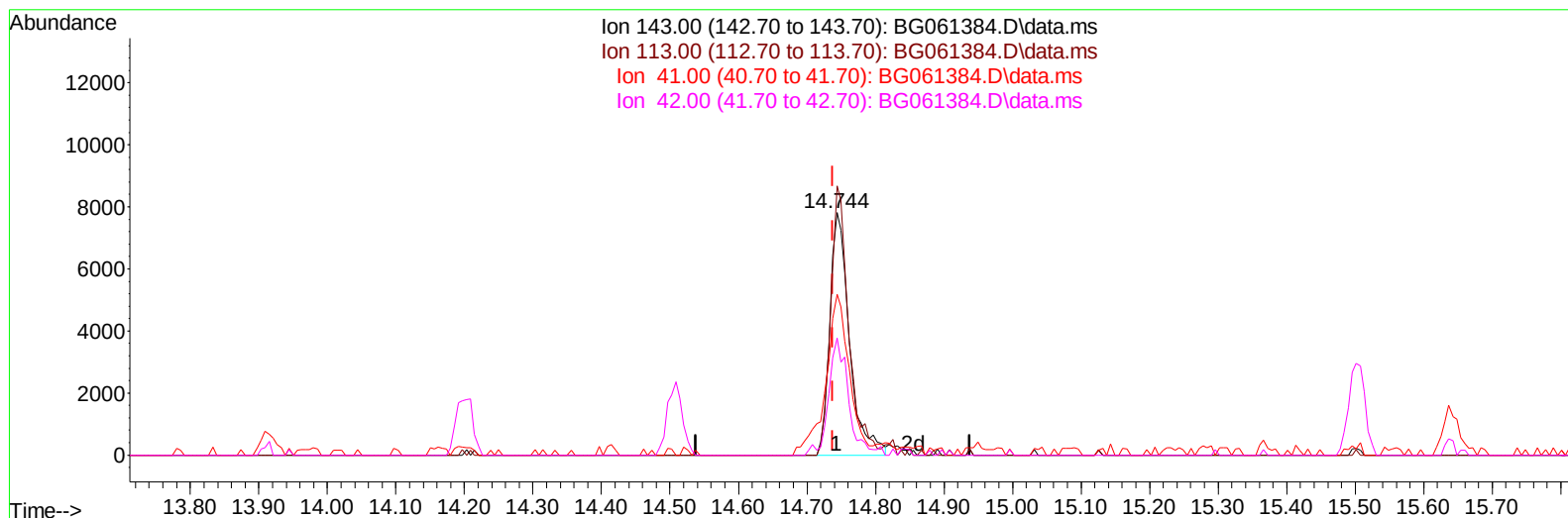
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061384.D
 Acq On : 31 May 2024 8:10
 Operator : MA/JU
 Sample : P2570-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6C1

Manual IntegrationsAPPROVED

Quant Time: May 31 08:57:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024



TIC: BG061384.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.744min (+ 0.006) 19.70 ng/ul m

response 15452

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	110.99
41.00	77.10	66.45
42.00	49.50	48.23

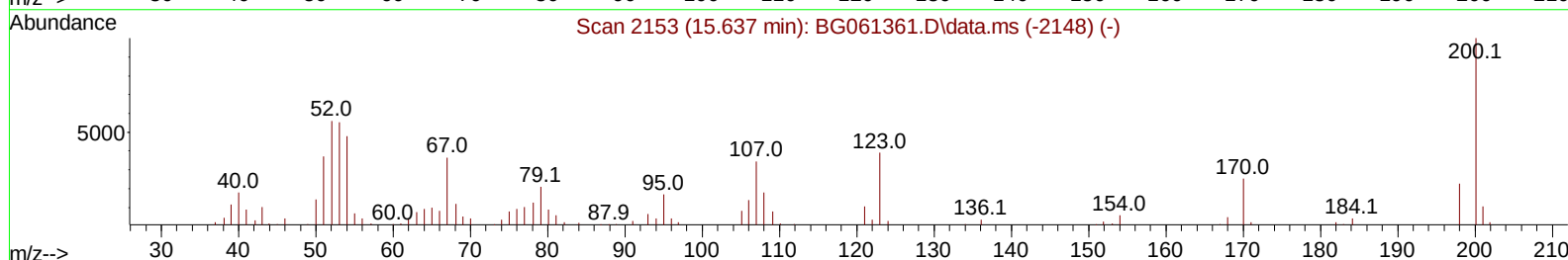
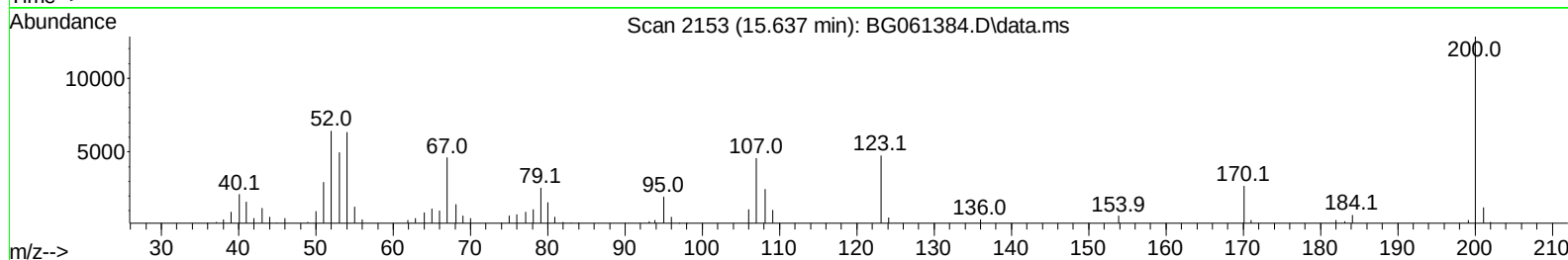
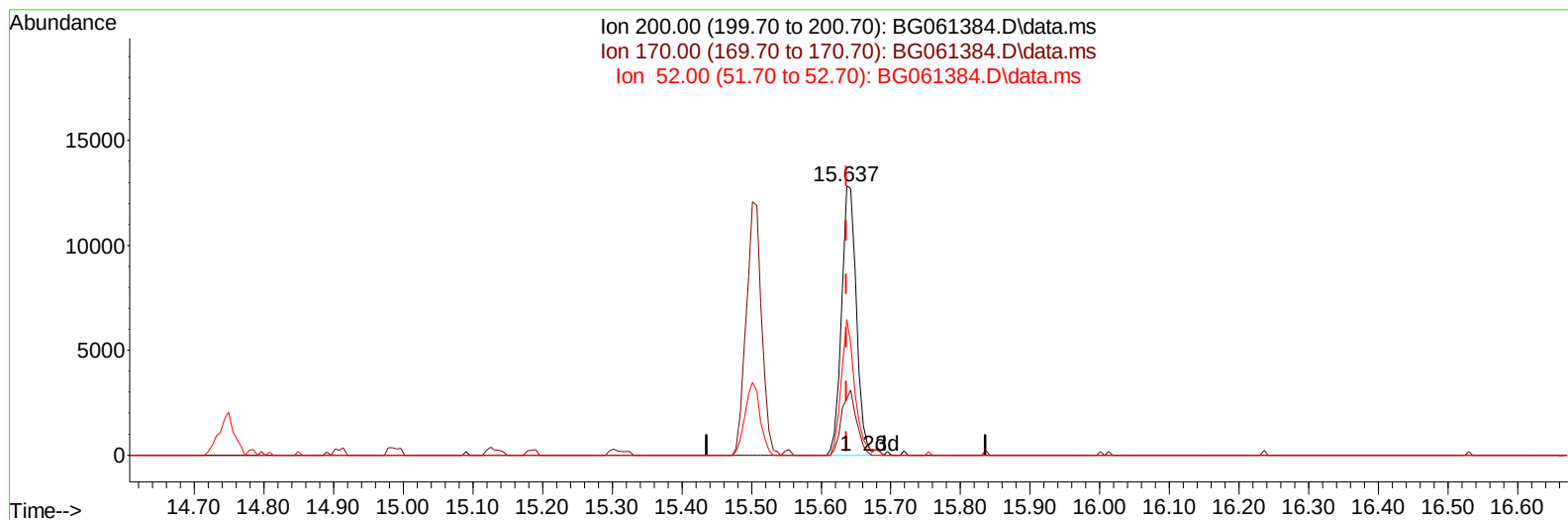
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 31 08:57:01 2024
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QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061384.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.637min (-0.000) 17.05 ng/u1

response 18788

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	25.30	21.02
52.00	60.50	50.25
0.00	0.00	0.00

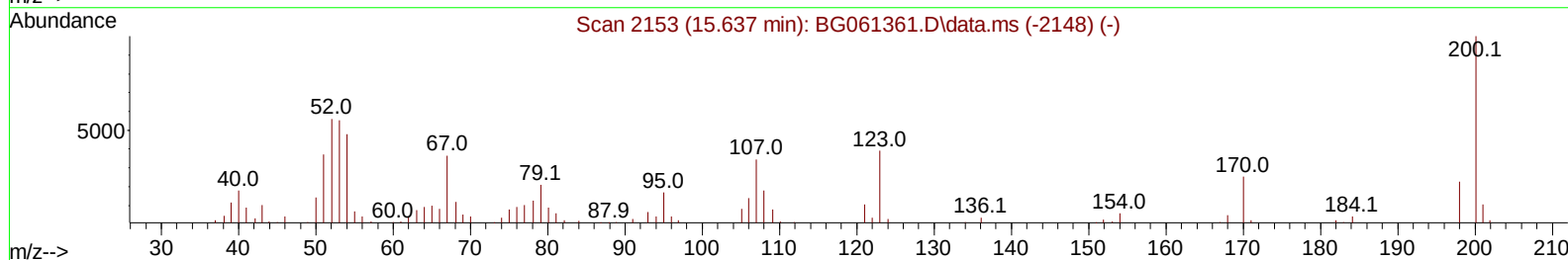
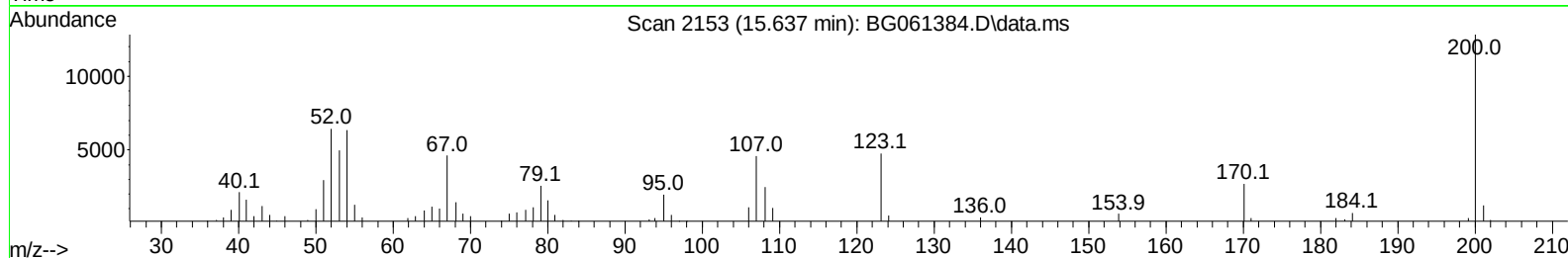
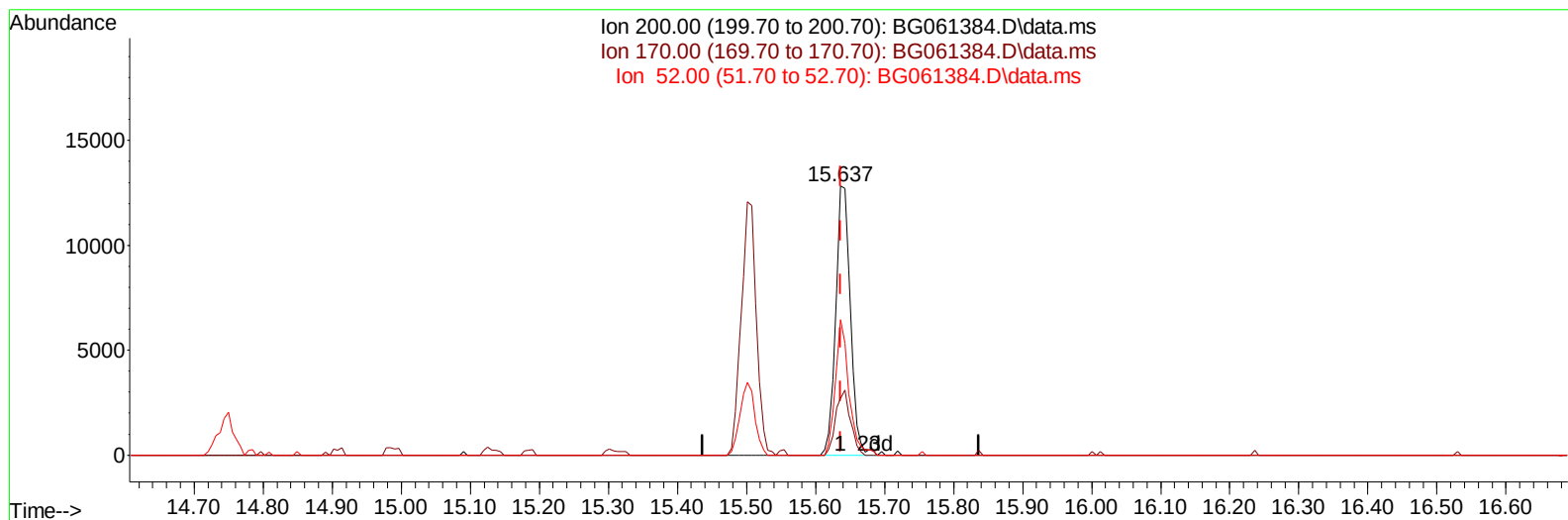
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C1

Manual IntegrationsAPPROVED

Quant Time: May 31 08:57:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061384.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.637min (-0.000) 17.20 ng/ul m

response 18952

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	25.30	21.02
52.00	60.50	50.25
0.00	0.00	0.00

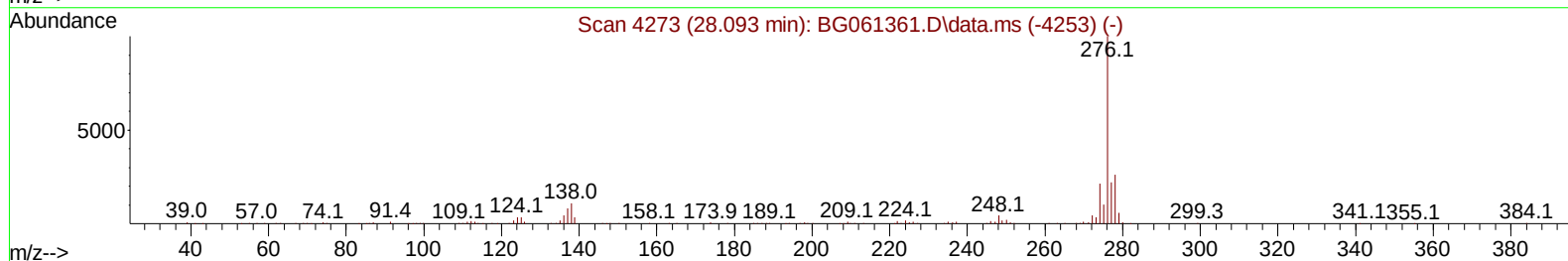
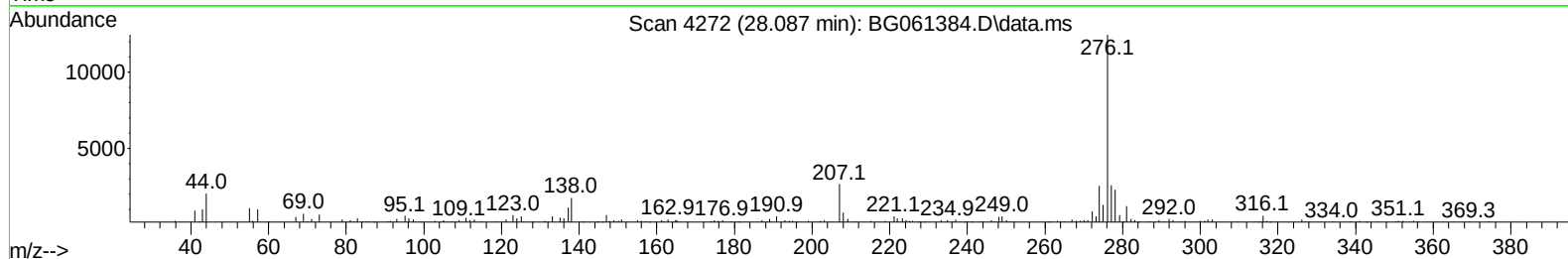
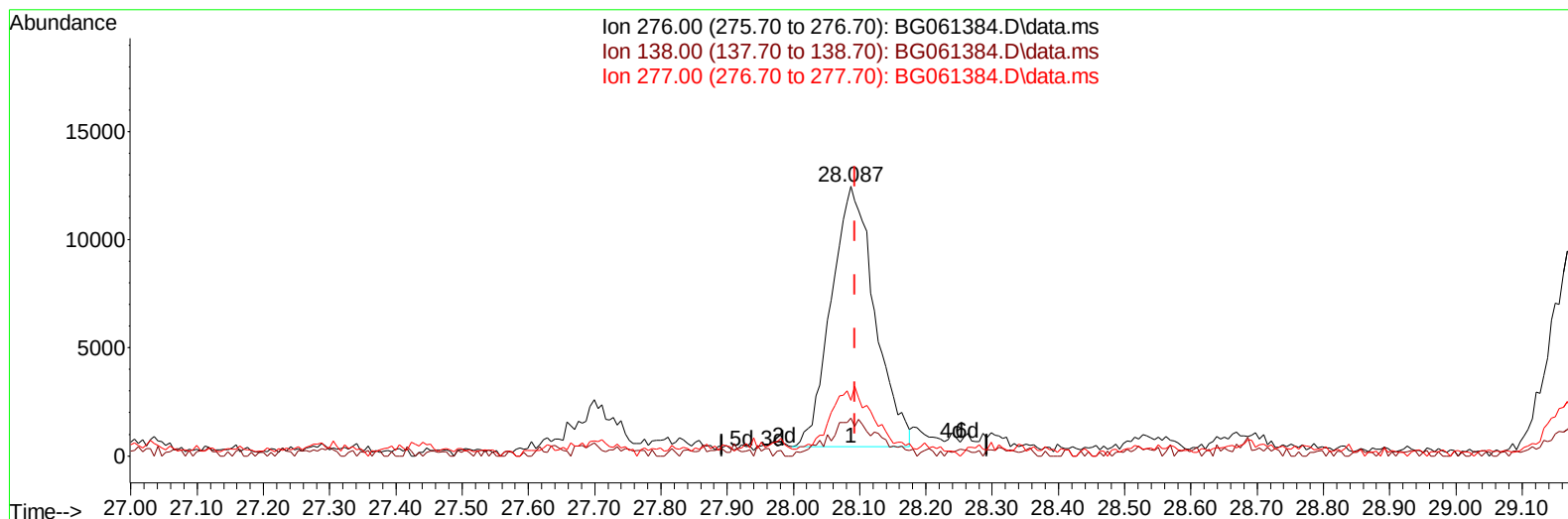
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C1

Manual IntegrationsAPPROVED

Quant Time: May 31 08:58:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061384.D\data.ms

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

28.087min (-0.006) 3.63 ng/u1

response 54792

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	13.98#
277.00	24.60	20.66
0.00	0.00	0.00

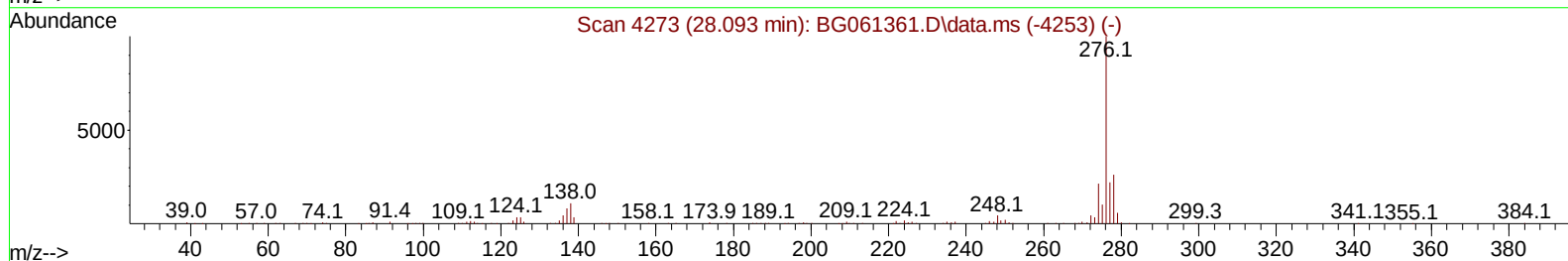
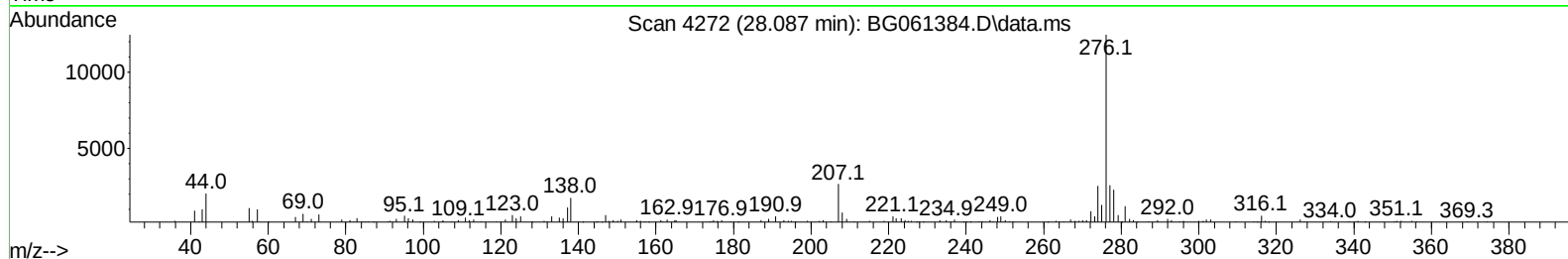
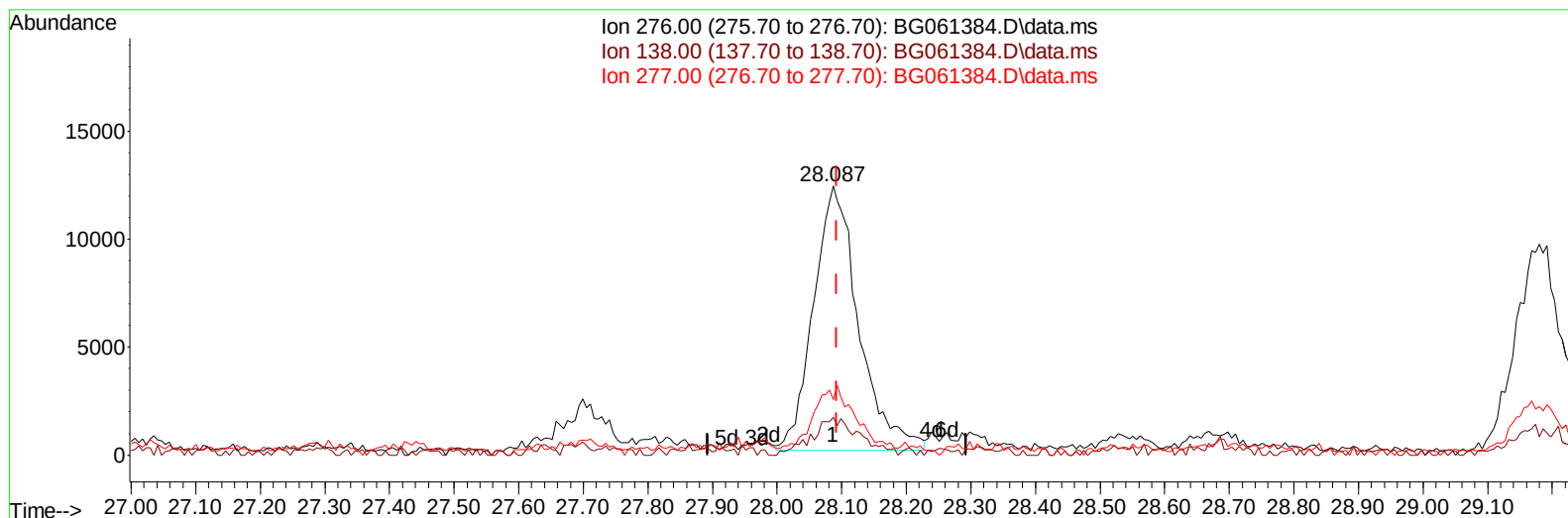
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061384.D
 Acq On : 31 May 2024 8:10
 Operator : MA/JU
 Sample : P2570-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6C1

Manual IntegrationsAPPROVED

Quant Time: May 31 08:58:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024



TIC: BG061384.D\data.ms

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

28.087min (-0.006) 3.93 ng/ul m

response 59289

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	13.98#
277.00	24.60	20.66
0.00	0.00	0.00

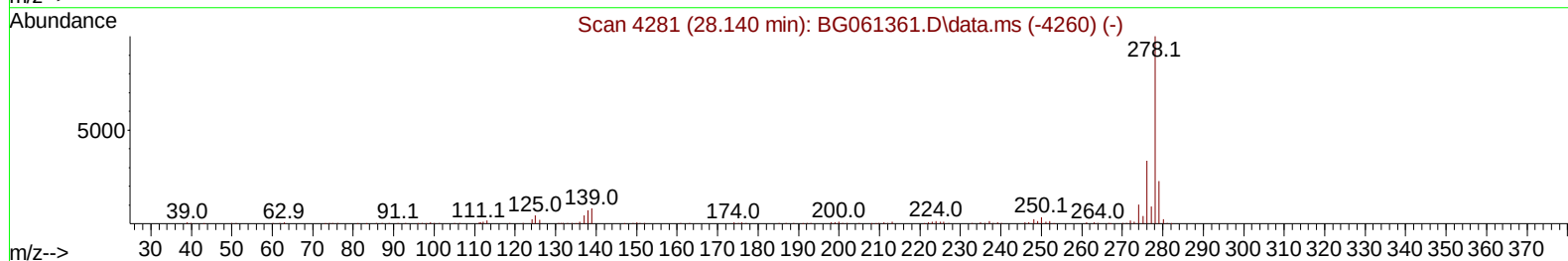
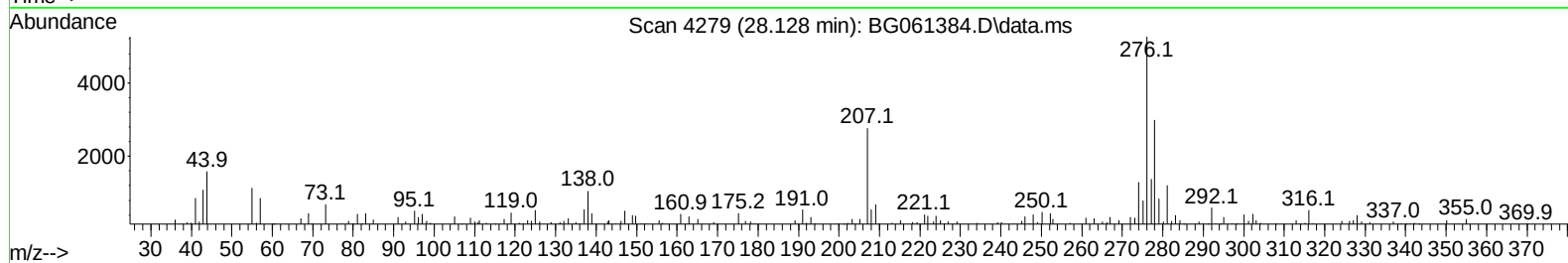
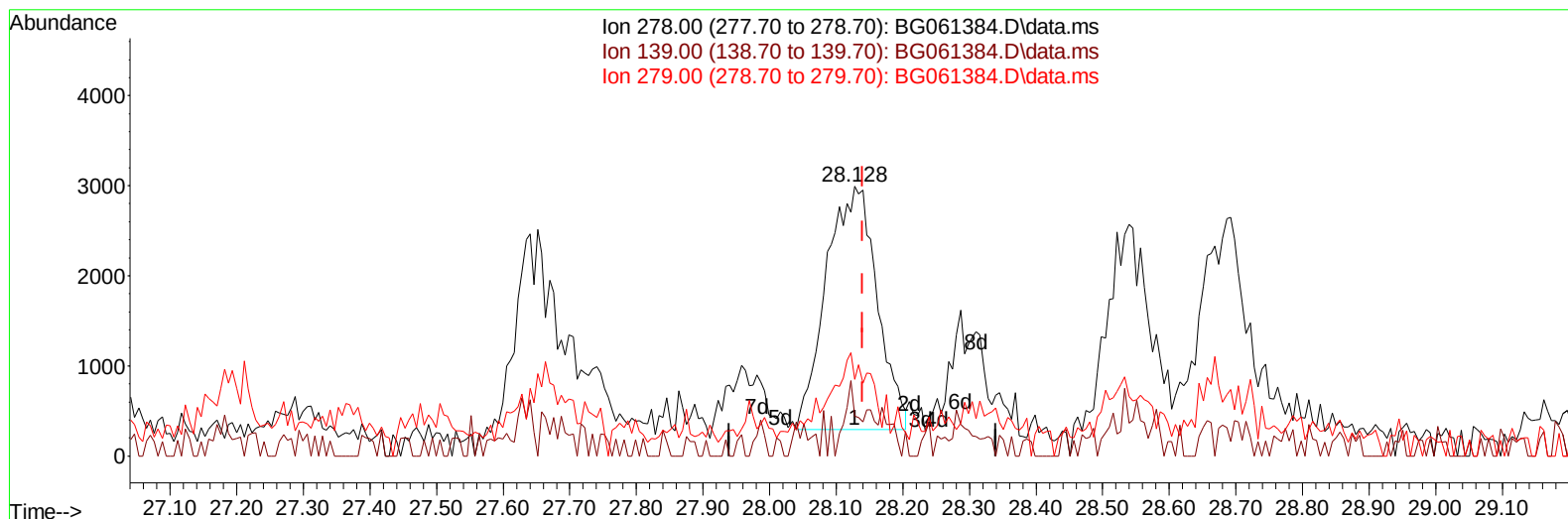
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C1

Manual IntegrationsAPPROVED

Quant Time: May 31 08:59:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061384.D\data.ms

(95) Dibenzo(a,h)anthracene

28.128min (-0.012) 1.14 ng/u1

response 14246

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	14.71#
279.00	24.90	28.45
0.00	0.00	0.00

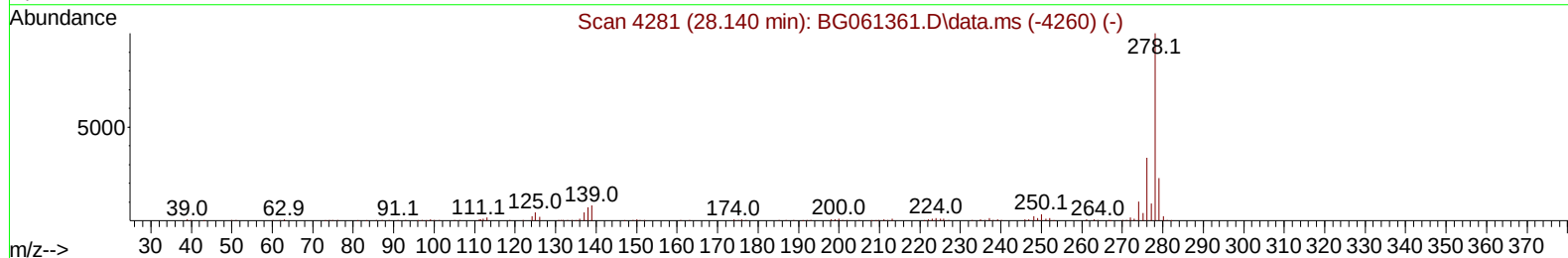
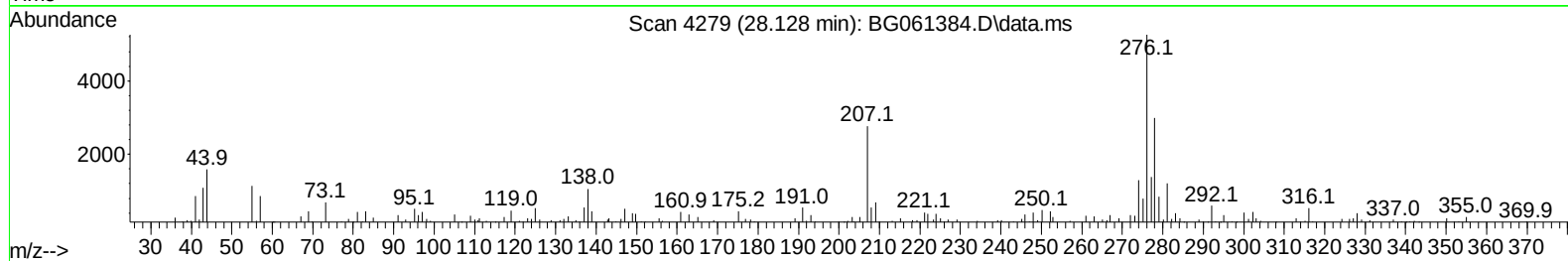
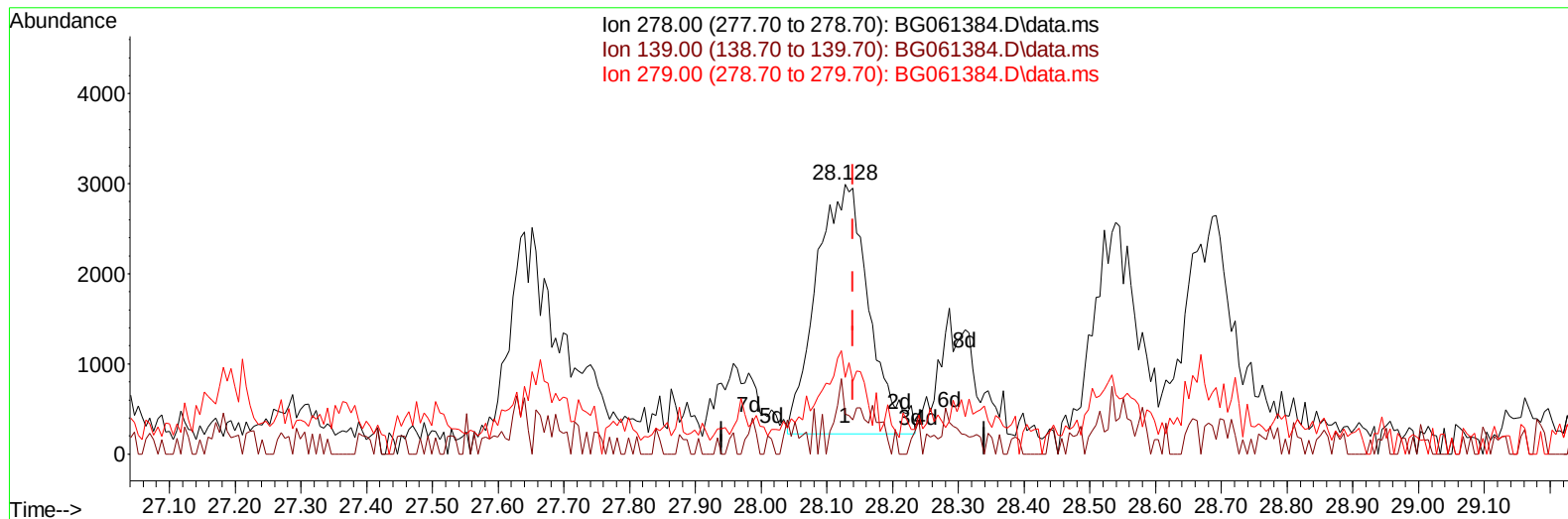
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C1

Manual IntegrationsAPPROVED

Quant Time: May 31 08:59:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

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TIC: BG061384.D\data.ms

(95) Dibenzo(a,h)anthracene

28.128min (-0.012) 1.24 ng/u1 m

response 15406

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	14.71#
279.00	24.90	28.45
0.00	0.00	0.00

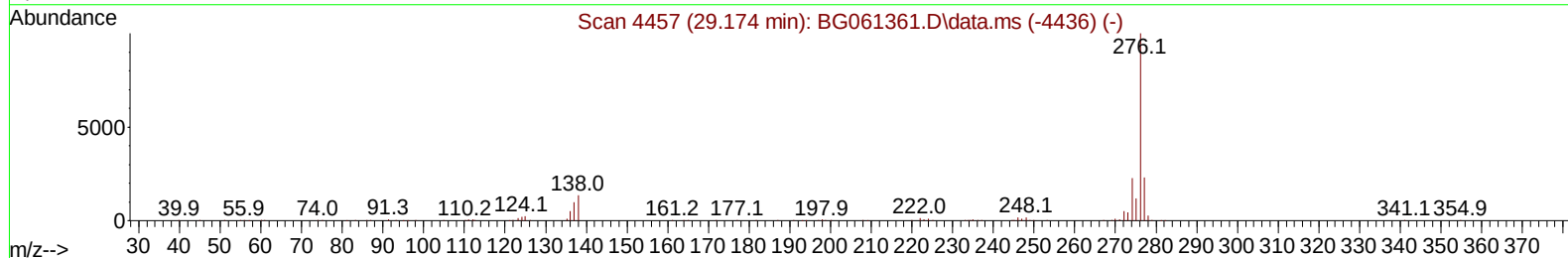
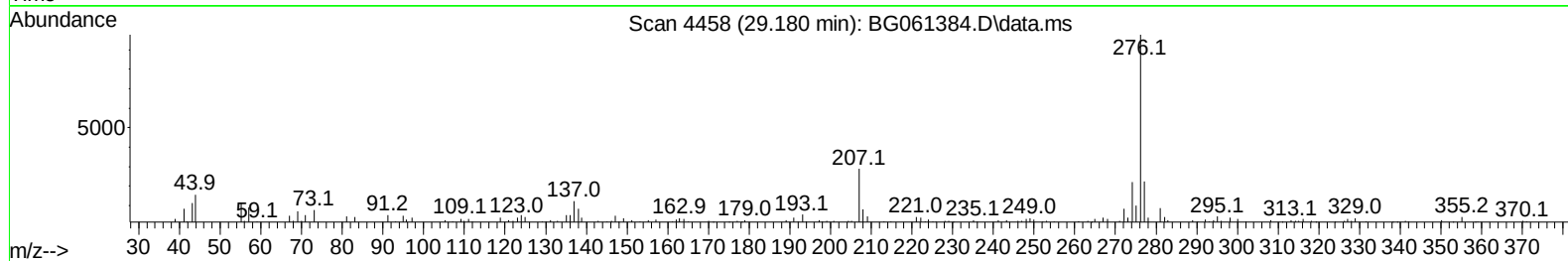
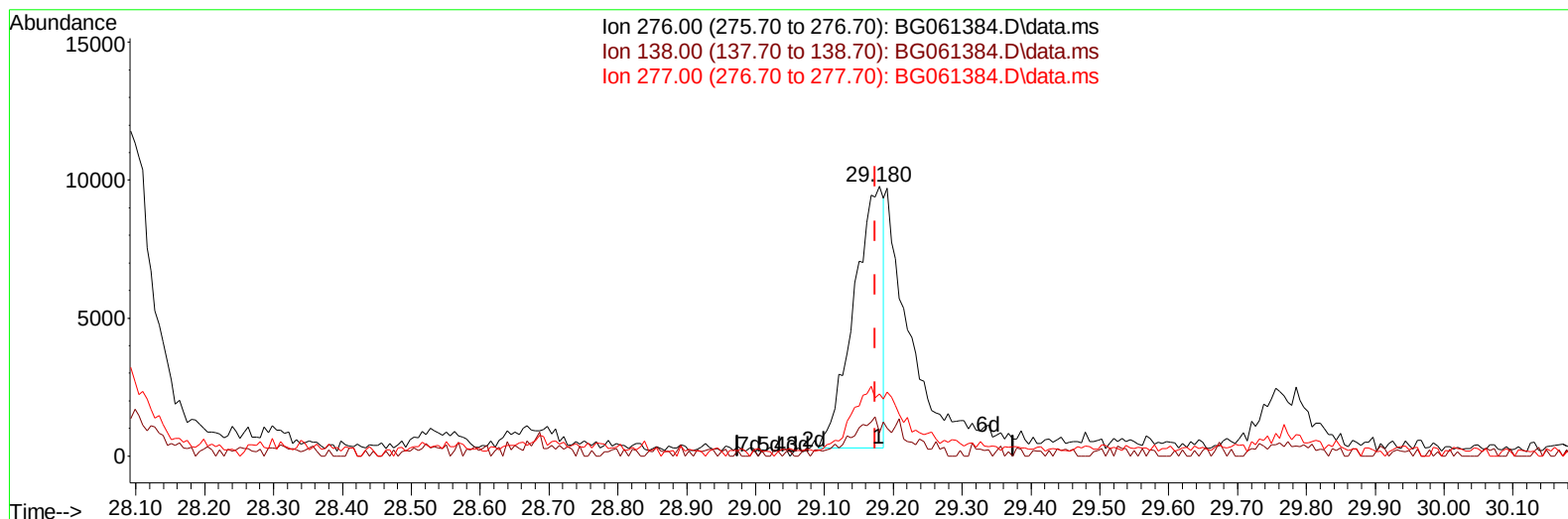
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C1

Manual IntegrationsAPPROVED

Quant Time: May 31 08:59:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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TIC: BG061384.D\data.ms

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

29.180min (+ 0.006) 2.37 ng/u1

response 28506

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	8.67#
277.00	22.70	22.92
0.00	0.00	0.00

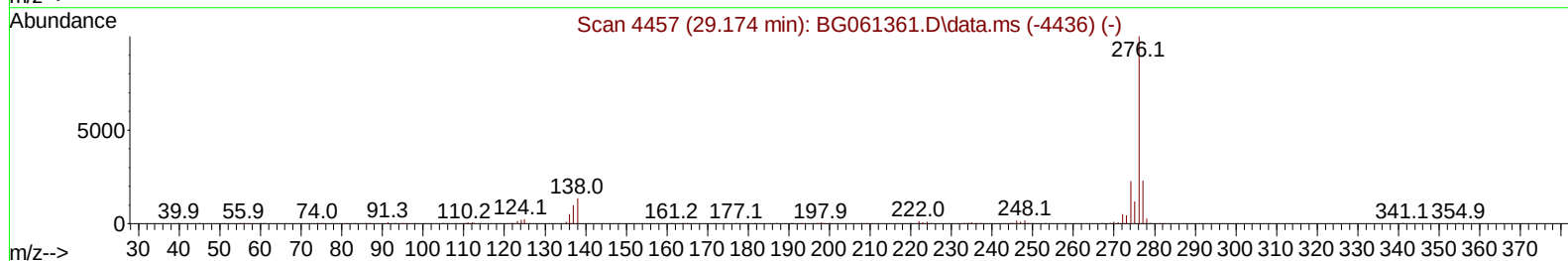
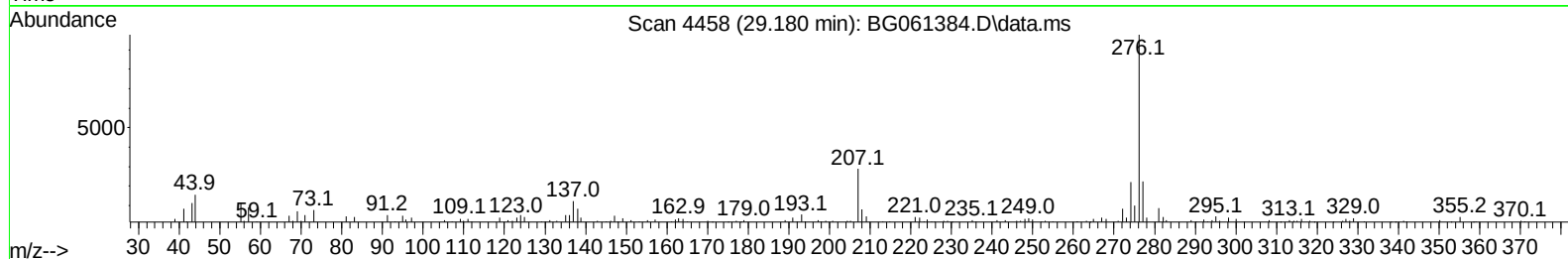
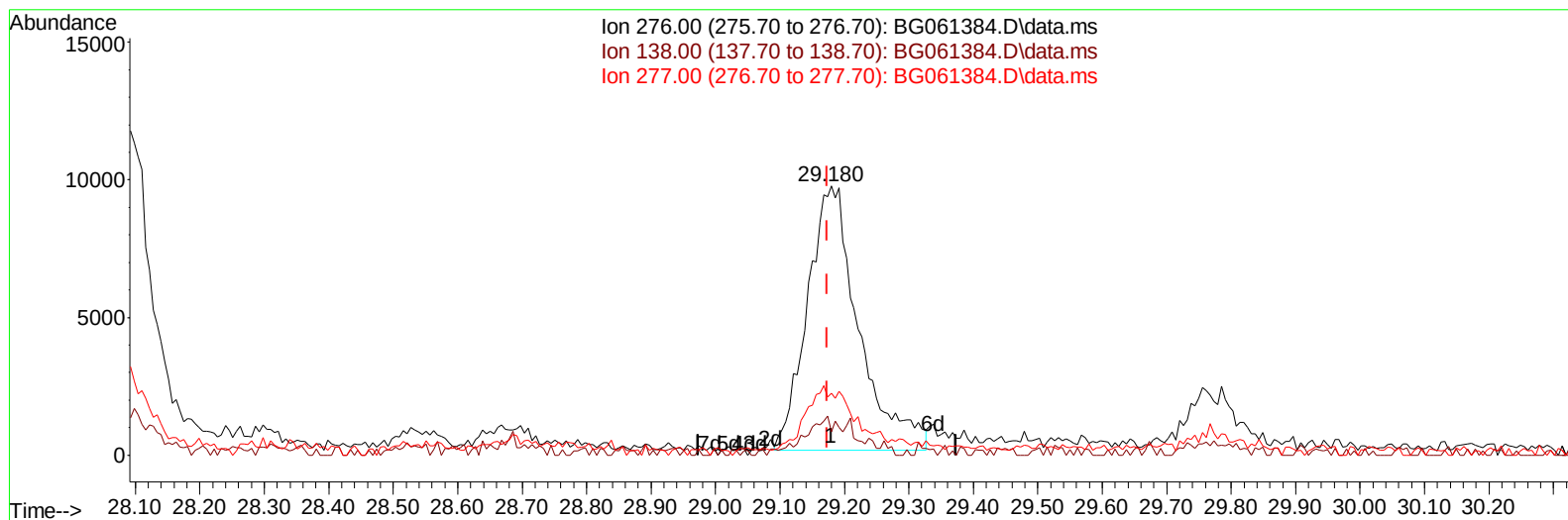
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061384.D
Acq On : 31 May 2024 8:10
Operator : MA/JU
Sample : P2570-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C1

Manual IntegrationsAPPROVED

Quant Time: May 31 08:59:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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Supervised By :mohammad ahmed 06/01/2024



TIC: BG061384.D\data.ms

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

29.180min (+ 0.006) 4.44 ng/u1 m

response 53264

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	8.67#
277.00	22.70	22.92
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	28512	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	113101	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	81790	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.258	188	182228	20.000	ng/ul	0.00
79) Chrysene-d12	21.512	240	192641	20.000	ng/ul	0.00
88) Perylene-d12	24.597	264	220704	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	2108	4.138	ng/uL	0.00
4) Pyridine-d5	3.745	84	24200	13.352	ng/ul	0.00
7) Phenol-d5	7.058	99	51551	22.017	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	33482	22.751	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	43522	25.116	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	44794	22.436	ng/ul	0.00
21) Nitrobenzene-d5	9.027	128	22001	25.265	ng/ul	0.00
24) 2-Nitrophenol-d4	9.749	143	25346	24.870	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.302	165	50696	25.516	ng/ul	0.00
31) 4-Chloroaniline-d4	10.801	131	53817	20.704	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	167126	26.346	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	182851	27.726	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	15452m	19.703	ng/ul	0.00
60) Fluorene-d10	15.501	176	150508	27.482	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.637	200	18952m	17.195	ng/ul	0.00
73) Anthracene-d10	17.358	188	242997	30.247	ng/ul	0.00
81) Pyrene-d10	19.650	212	298380	30.166	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.385	264	321445	30.295	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.299	178	53704	6.072	ng/ul	99
80) Fluoranthene	19.315	202	133598	11.259	ng/ul	99
82) Pyrene	19.679	202	137151	11.135	ng/ul	99
83) Butylbenzylphthalate	20.572	149	48876	11.551	ng/ul	99
85) Benzo(a)anthracene	21.494	228	80128	6.028	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.406	149	37900	6.051	ng/ul	97
87) Chrysene	21.553	228	86046	7.030	ng/ul	98
90) Benzo(b)fluoranthene	23.621	252	126574	9.632	ng/ul	99
91) Benzo(k)fluoranthene	23.680	252	33897	2.541	ng/ul	94
93) Benzo(a)pyrene	24.450	252	85706	6.869	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.087	276	59289m	3.929	ng/ul	
95) Dibenzo(a,h)anthracene	28.128	278	15406m	1.238	ng/ul	
96) Benzo(g,h,i)perylene	29.180	276	53264m	4.437	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061384.D
 Acq On : 31 May 2024 8:10
 Operator : MA/JU
 Sample : P2570-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6C1

Manual IntegrationsAPPROVED

Quant Time: May 31 08:59:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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Reviewed By :Jagrut Upadhyay 05/31/2024
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