

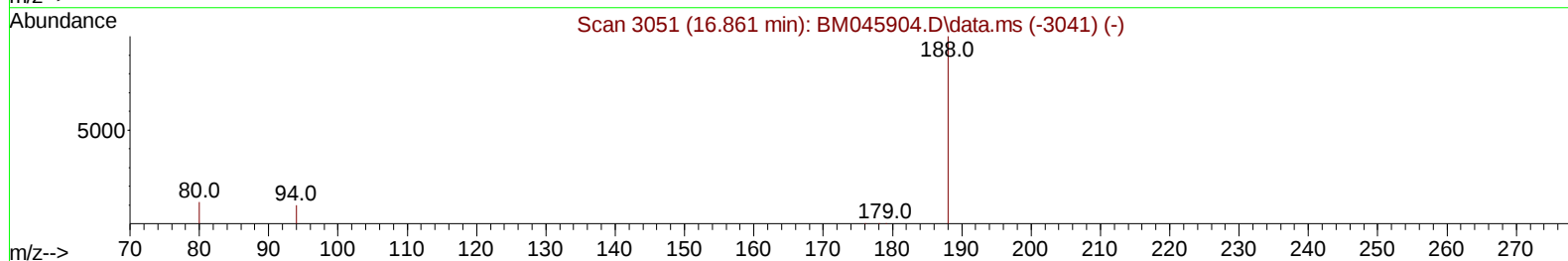
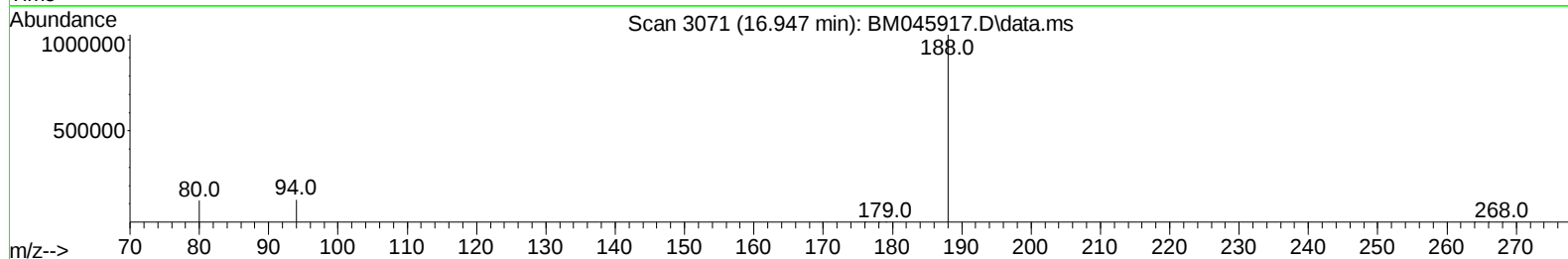
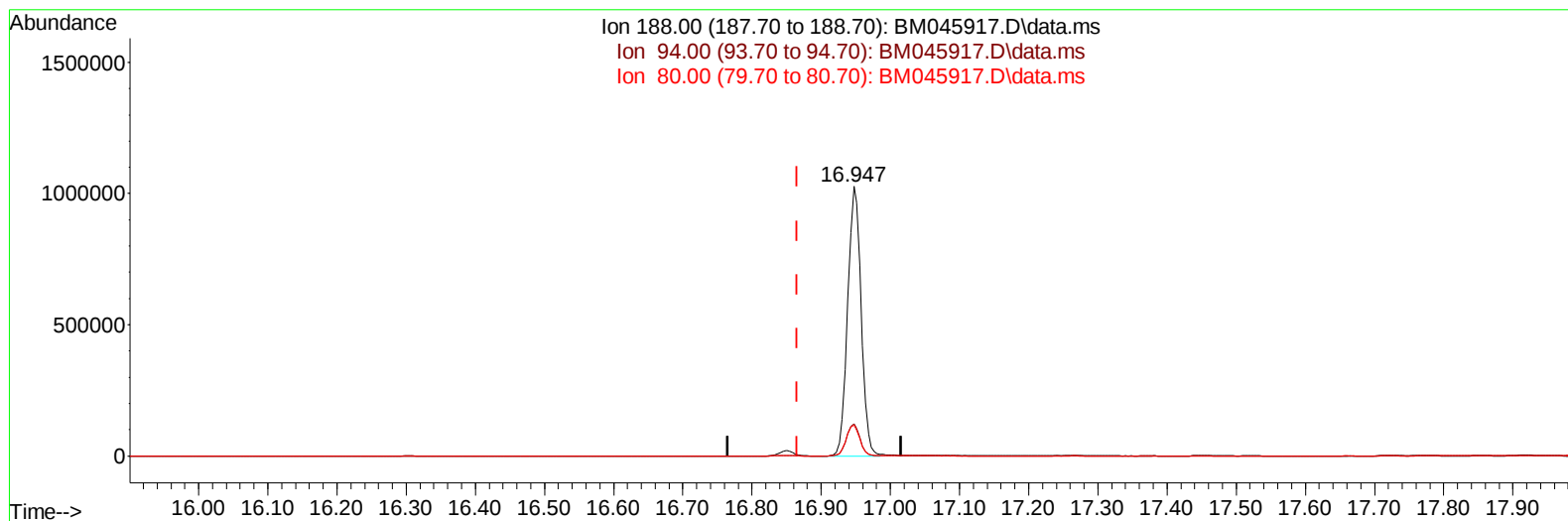
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(13) Phenanthrene-d10 (I)

16.947min (+ 0.082) 0.40 ng/u1

response 1385963

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.98
80.00	11.70	11.47
0.00	0.00	0.00

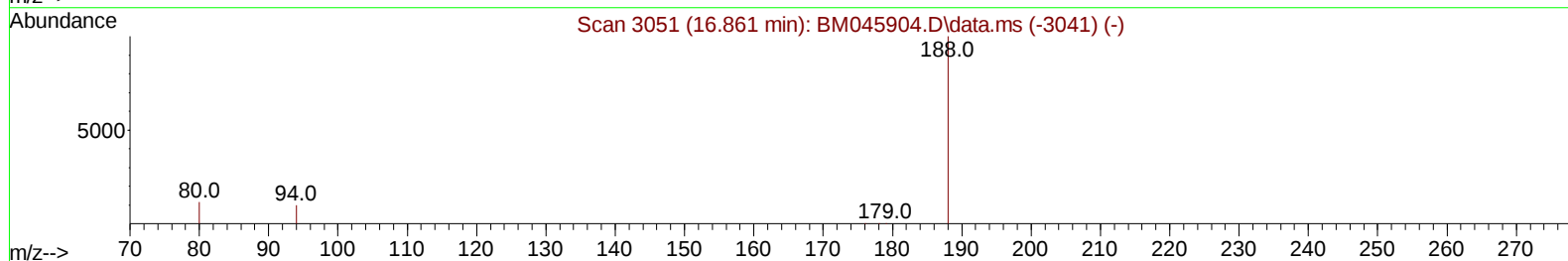
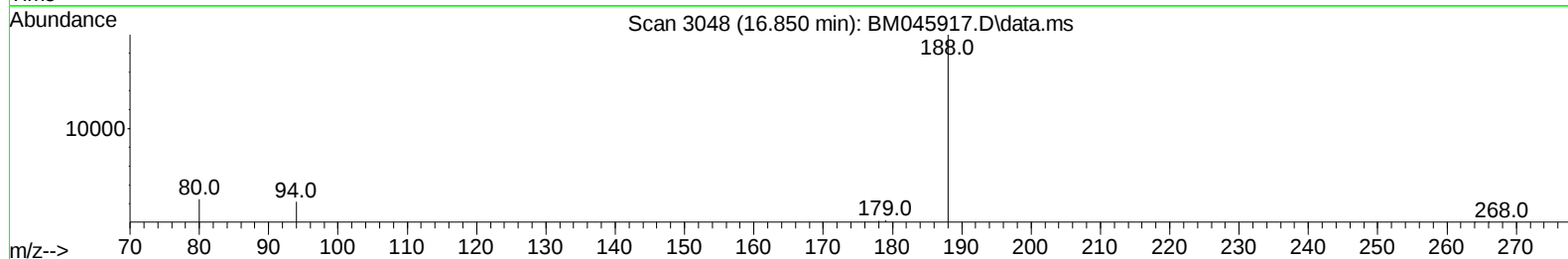
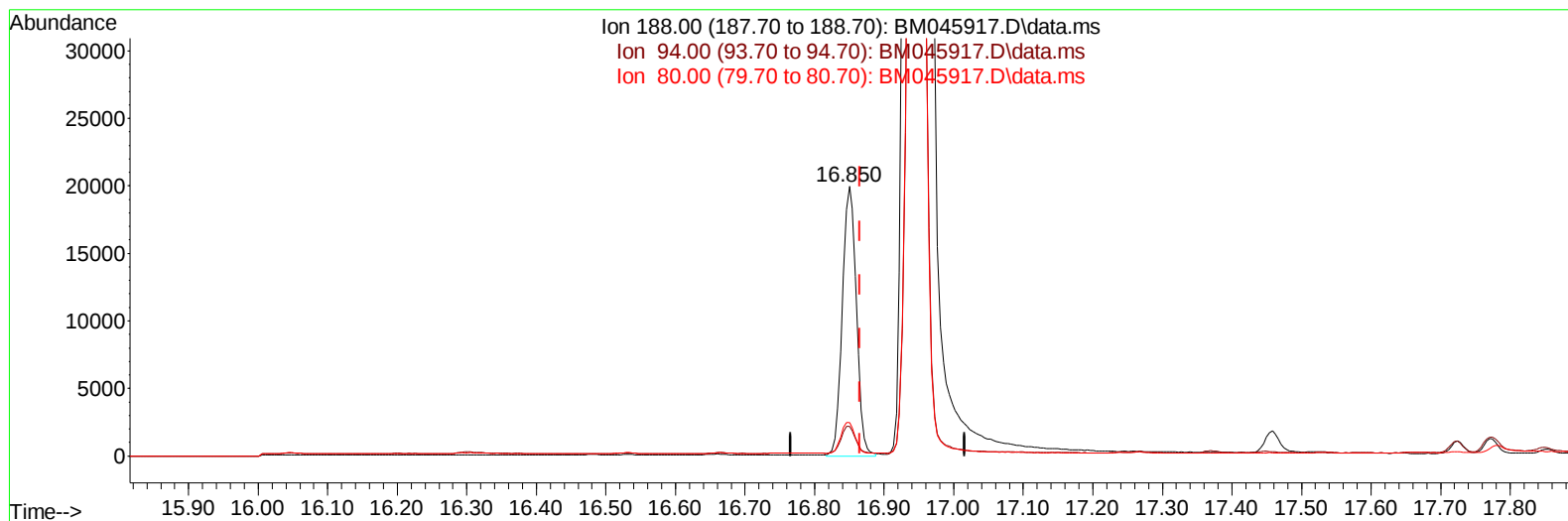
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(13) Phenanthrene-d10 (I)

16.850min (-0.016) 0.40 ng/u1 m

response 27783

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.05
80.00	11.70	12.47
0.00	0.00	0.00

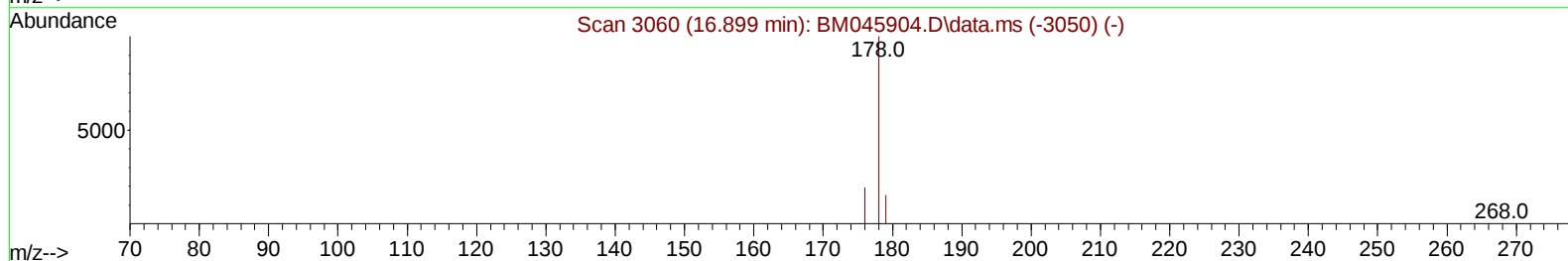
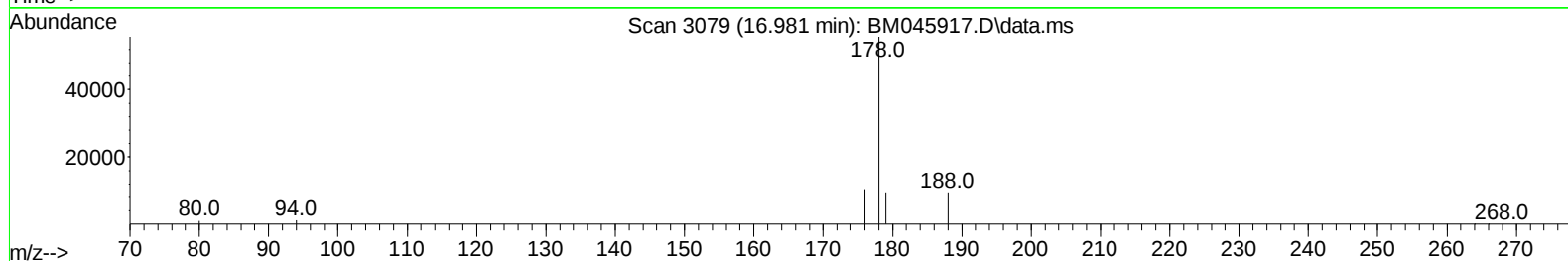
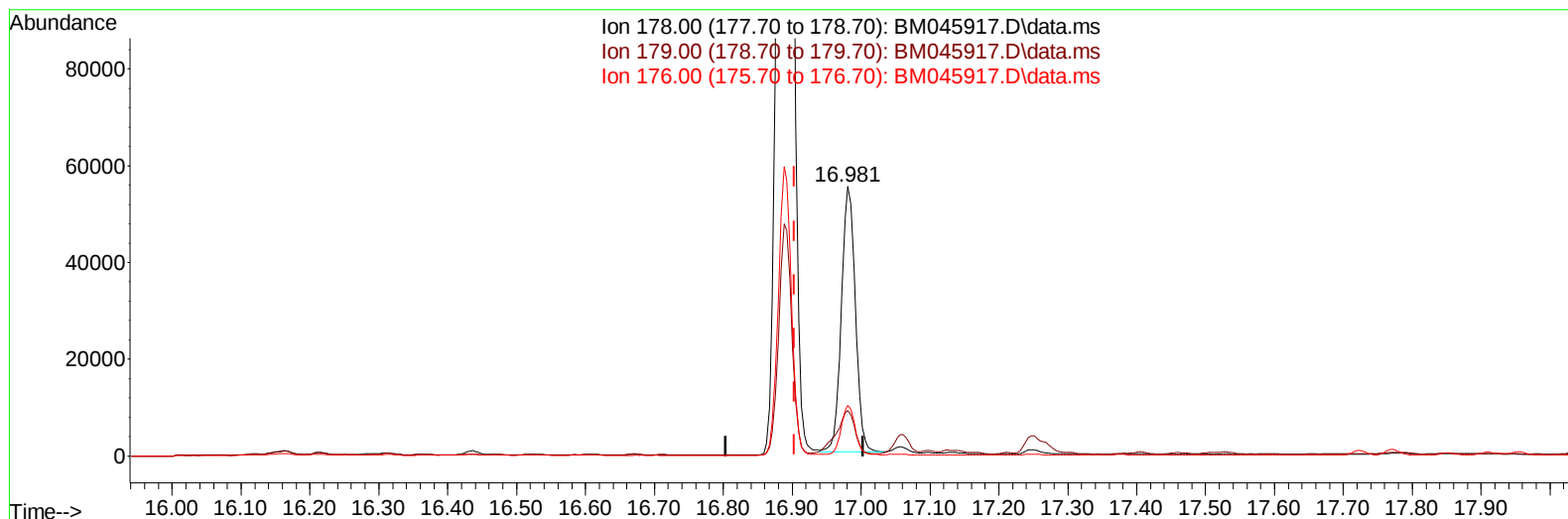
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(15) Phenanthrene

16.981min (+ 0.077) 0.99 ng/u1

response 77245

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	16.92
176.00	19.50	18.75
0.00	0.00	0.00

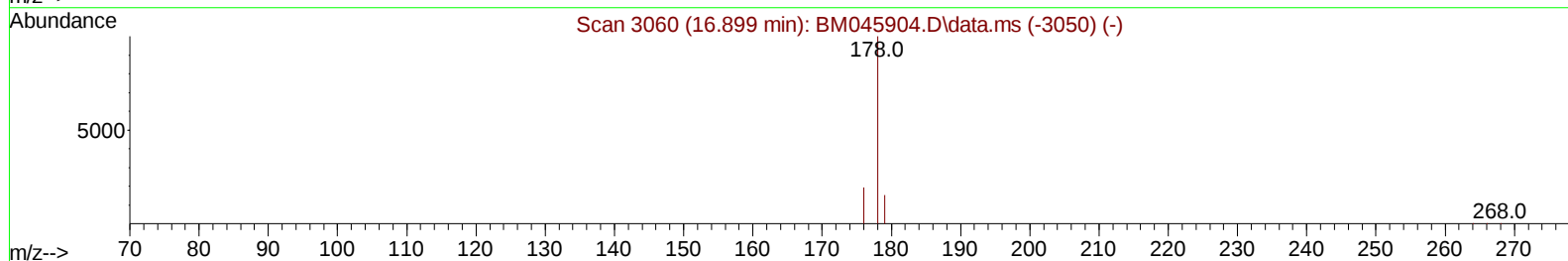
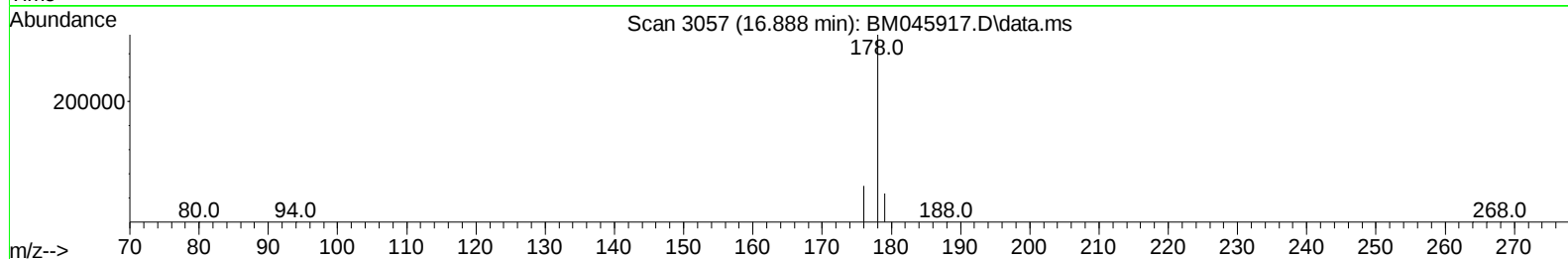
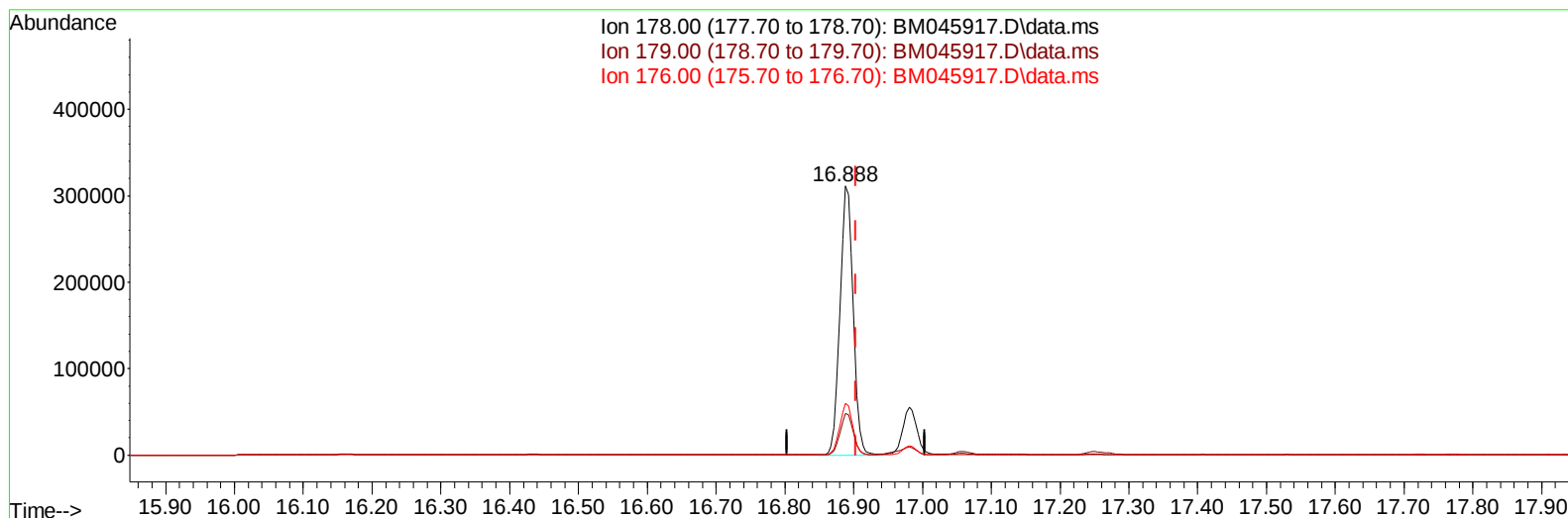
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(15) Phenanthrene

16.888min (-0.016) 5.34 ng/u1 m

response 416879

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.44
176.00	19.50	19.25
0.00	0.00	0.00

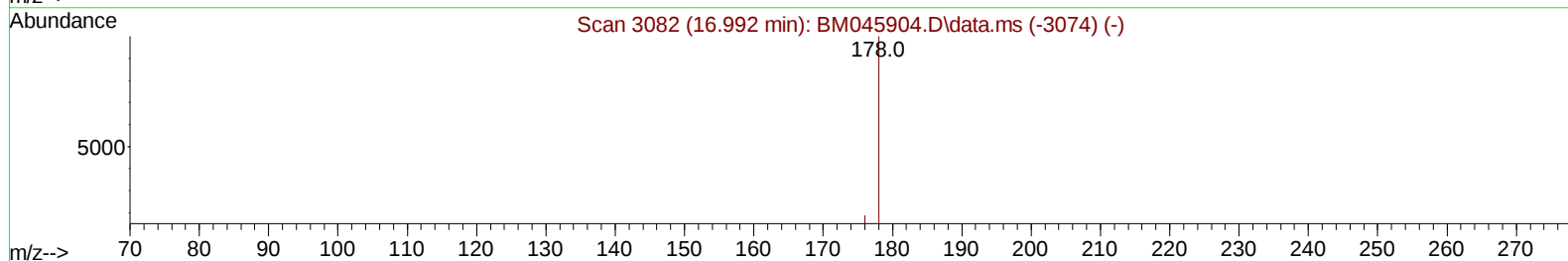
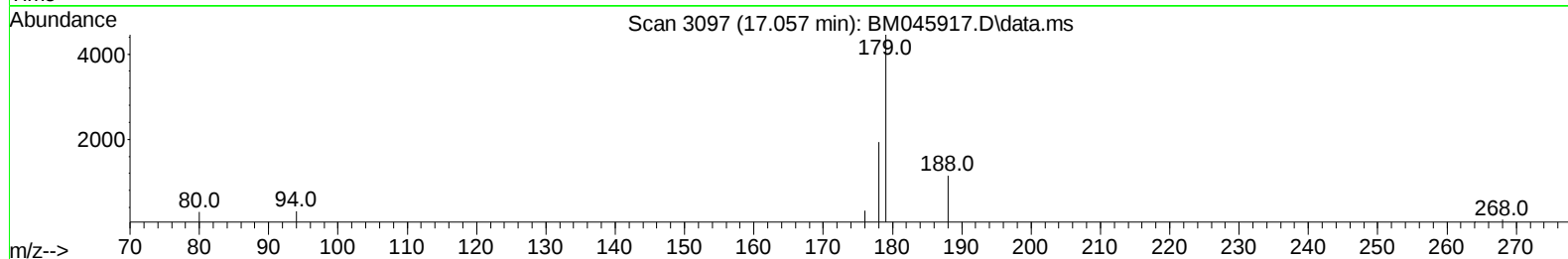
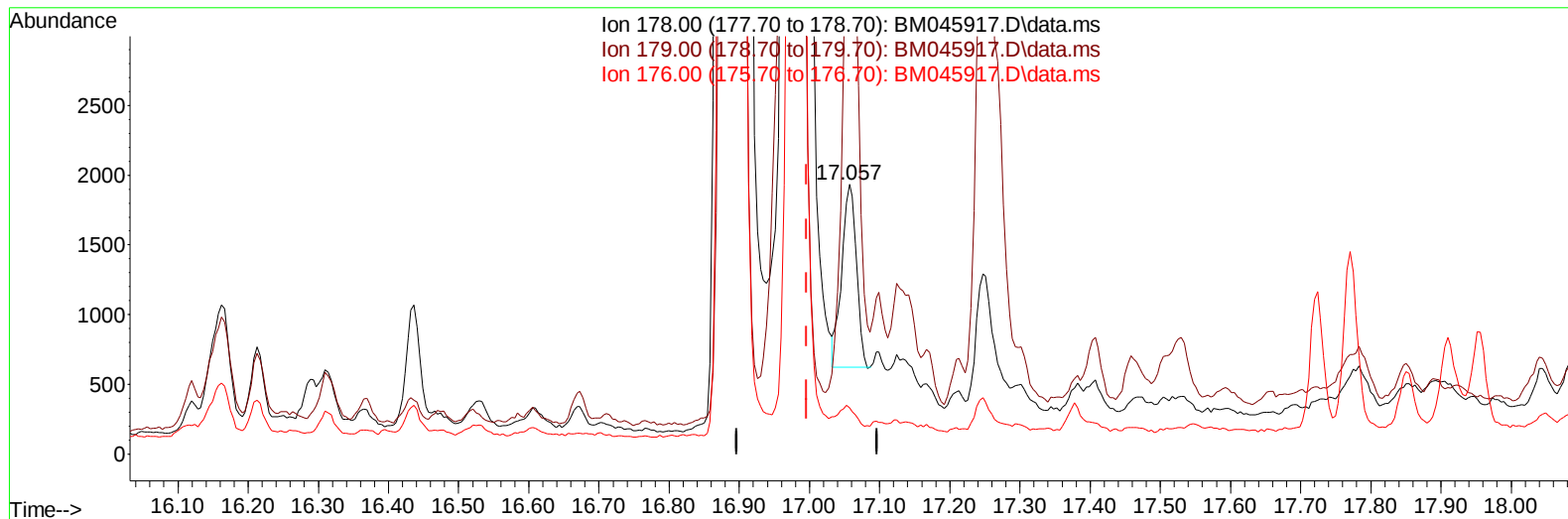
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(16) Anthracene

17.057min (+ 0.060) 0.03 ng/u1

response 1899

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	230.47#
176.00	19.40	17.02
0.00	0.00	0.00

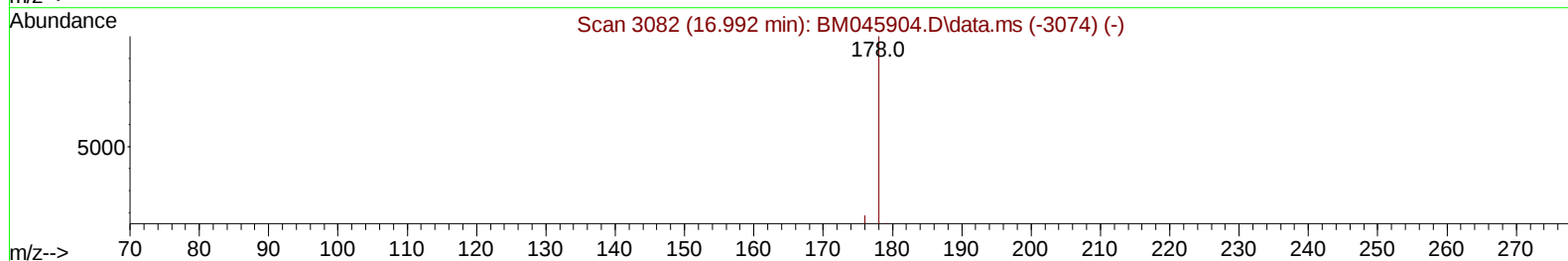
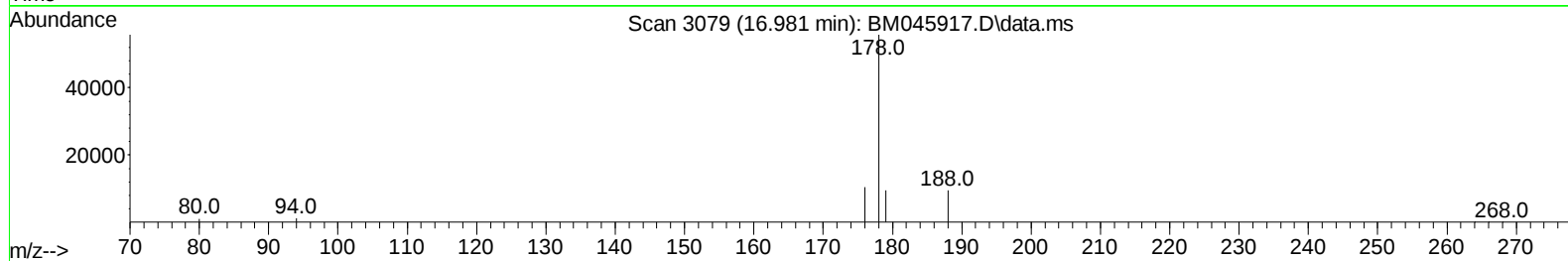
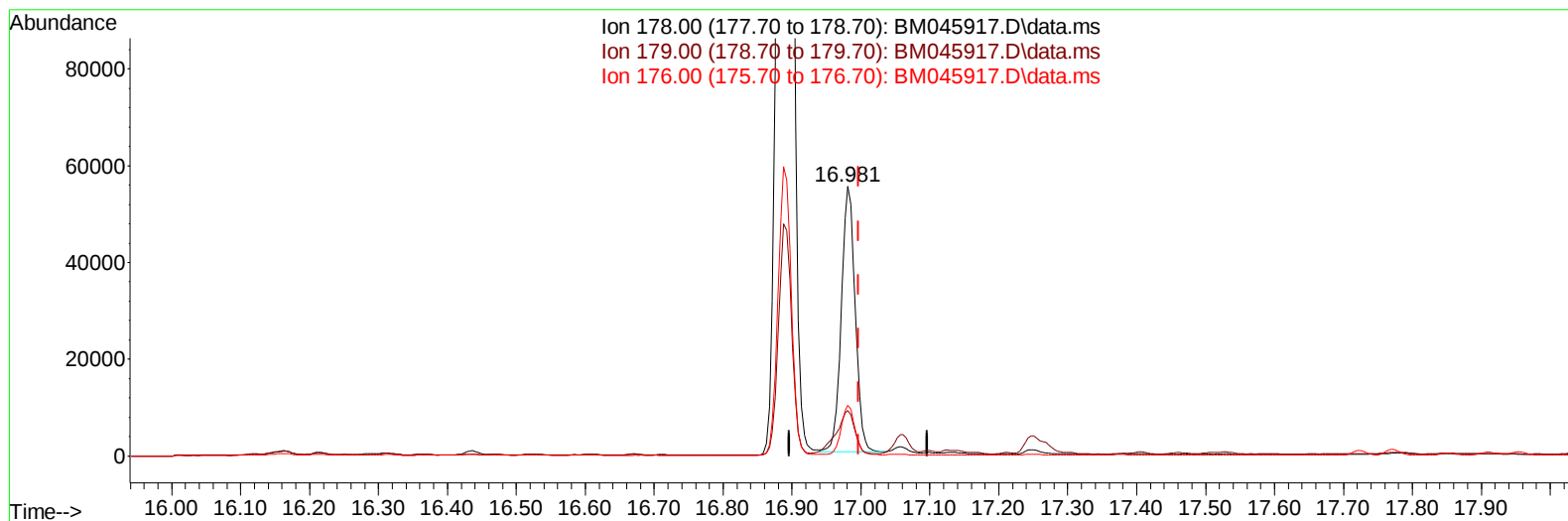
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(16) Anthracene

16.981min (-0.016) 1.16 ng/ul m

response 77423

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	16.92
176.00	19.40	18.75
0.00	0.00	0.00

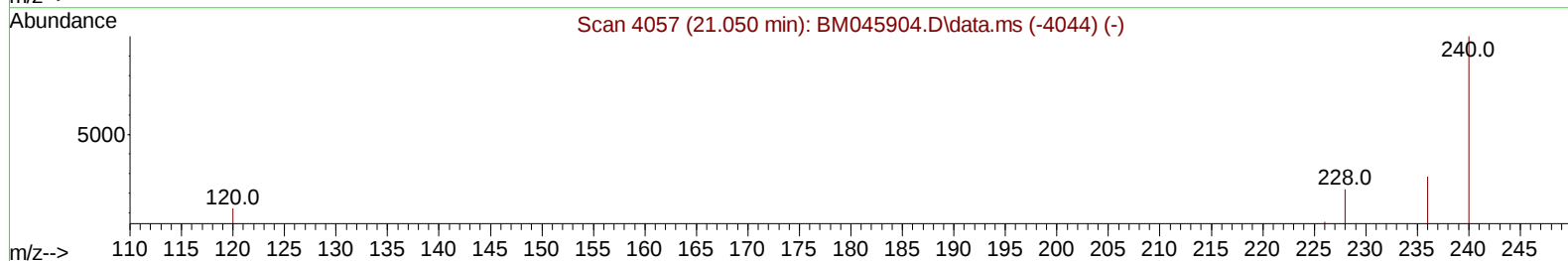
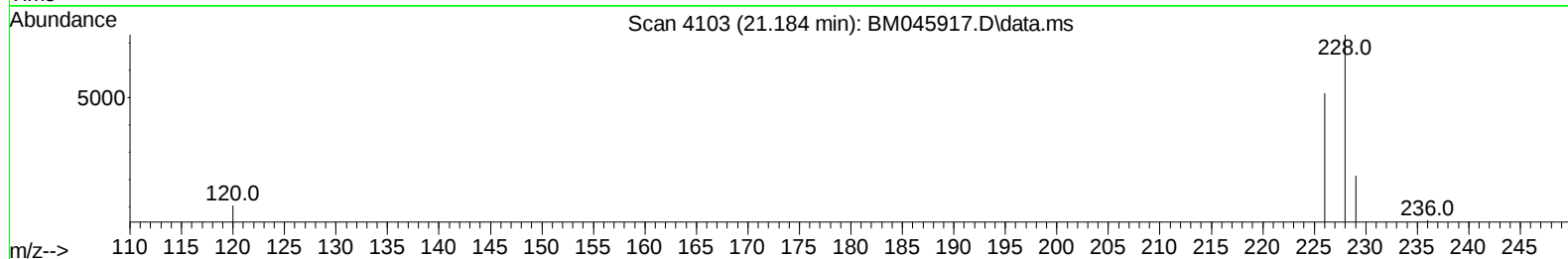
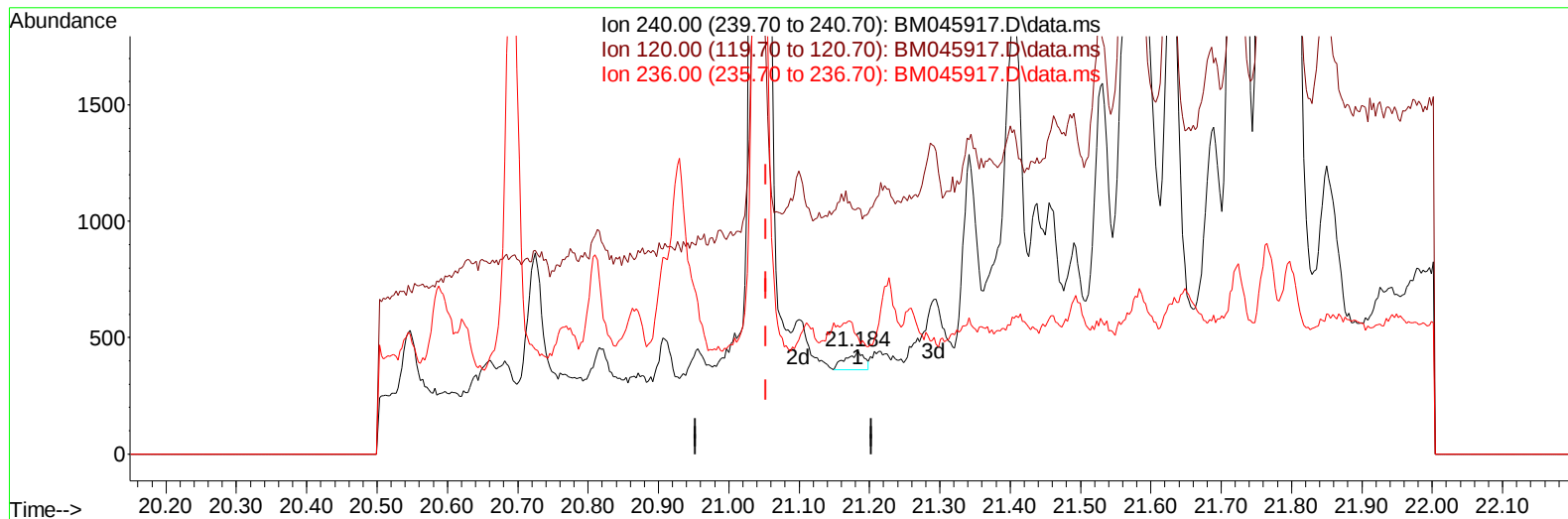
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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Reviewed By :Yogesh Patel 06/10/2024
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TIC: BM045917.D\data.ms

(17) Chrysene-d12

21.184min (+ 0.131) 0.40 ng/u1

response 145

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	238.83#
236.00	29.50	113.54#
0.00	0.00	0.00

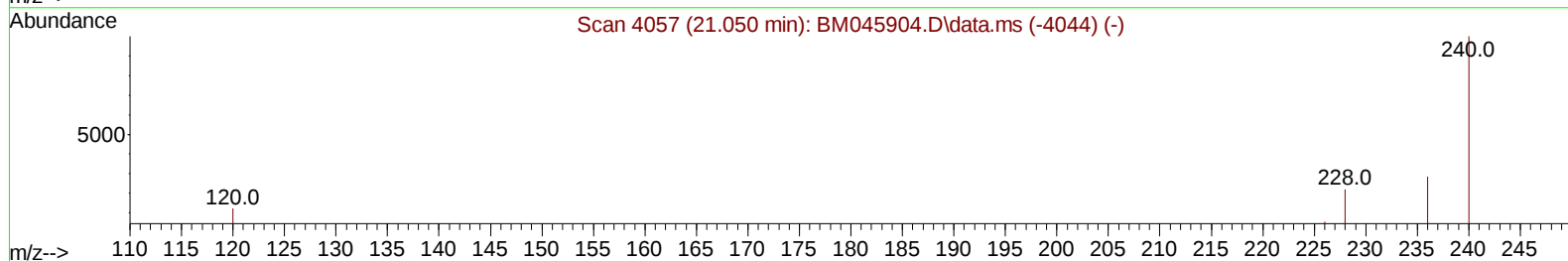
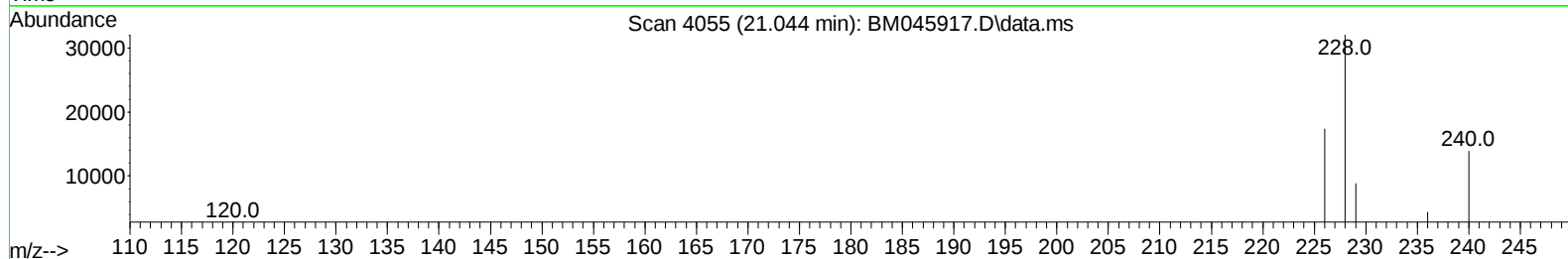
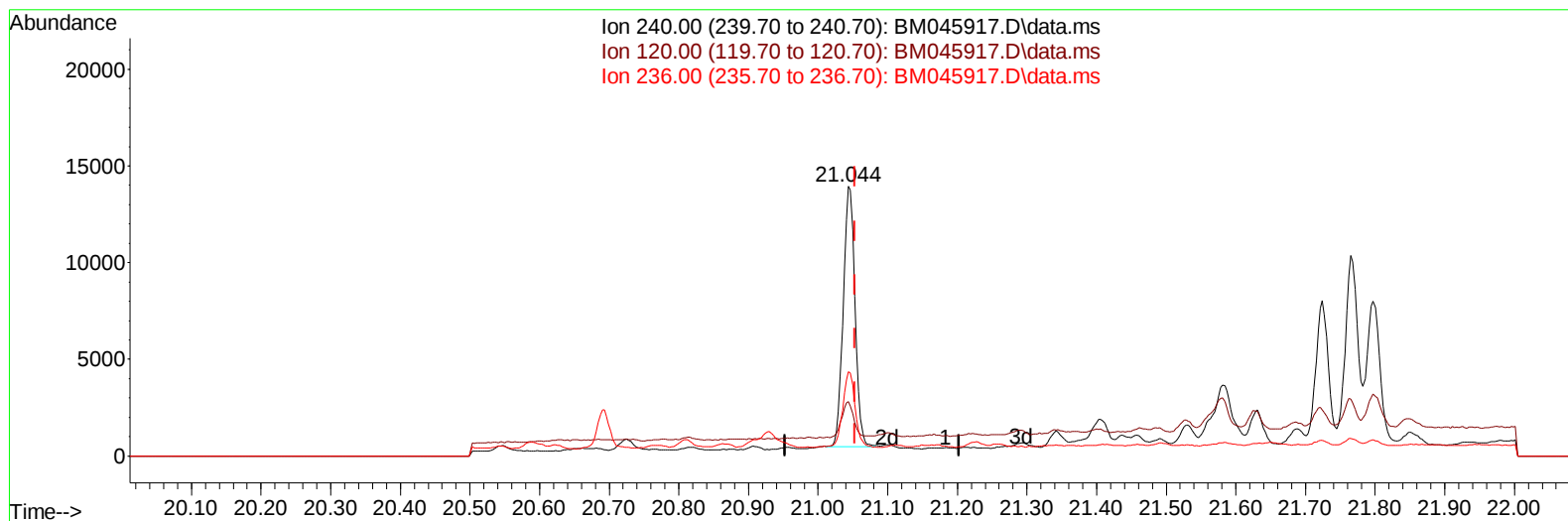
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(17) Chrysene-d12

21.044min (-0.009) 0.40 ng/u1 m

response 15765

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	20.06#
236.00	29.50	31.18
0.00	0.00	0.00

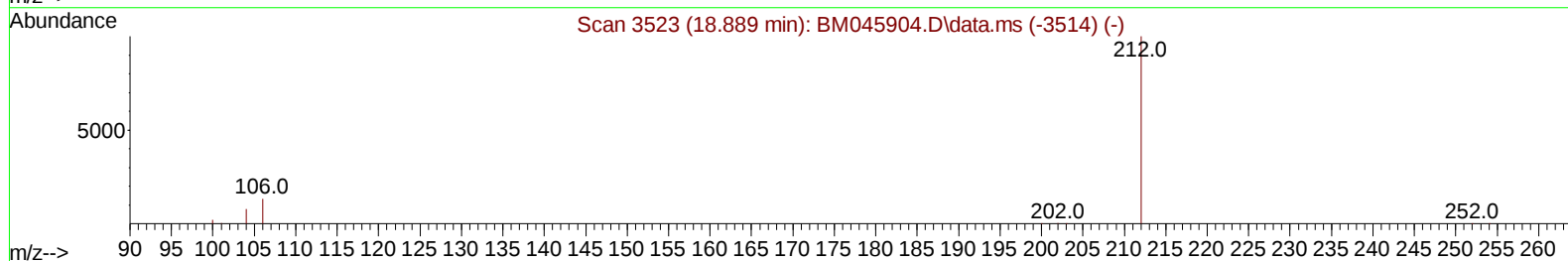
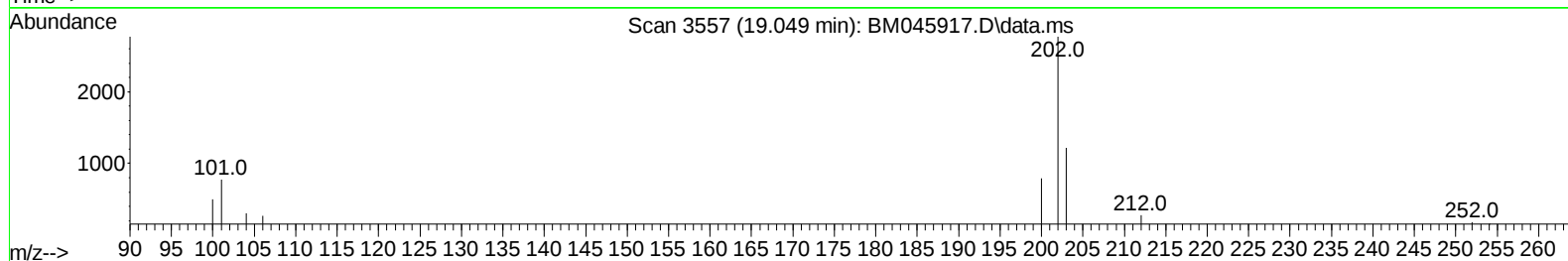
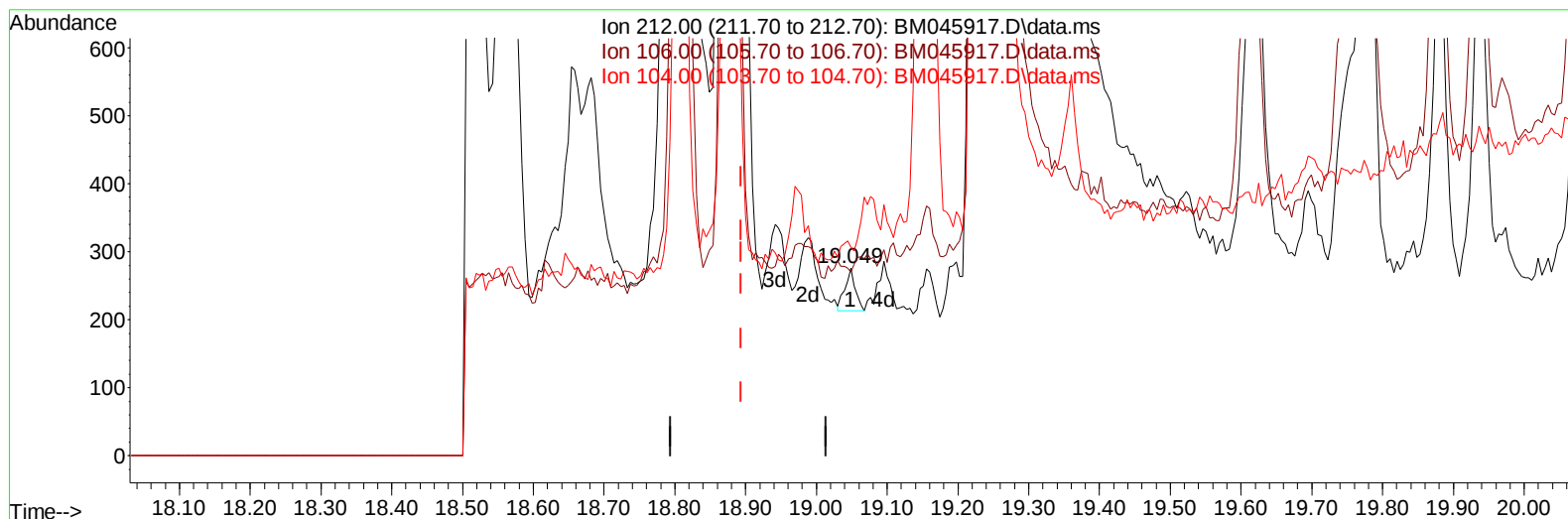
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
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TIC: BM045917.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.049min (+ 0.155) 0.00 ng/u1

response 64

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.00	56.25#
104.00	8.70	53.13#
0.00	0.00	0.00

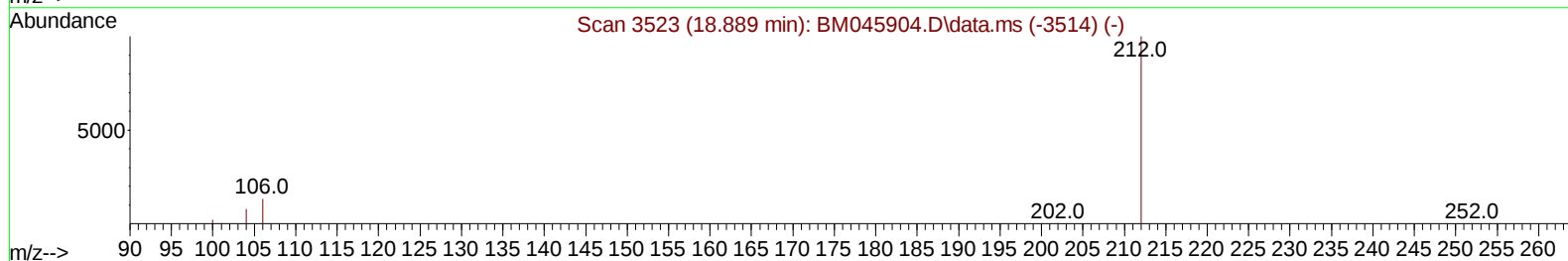
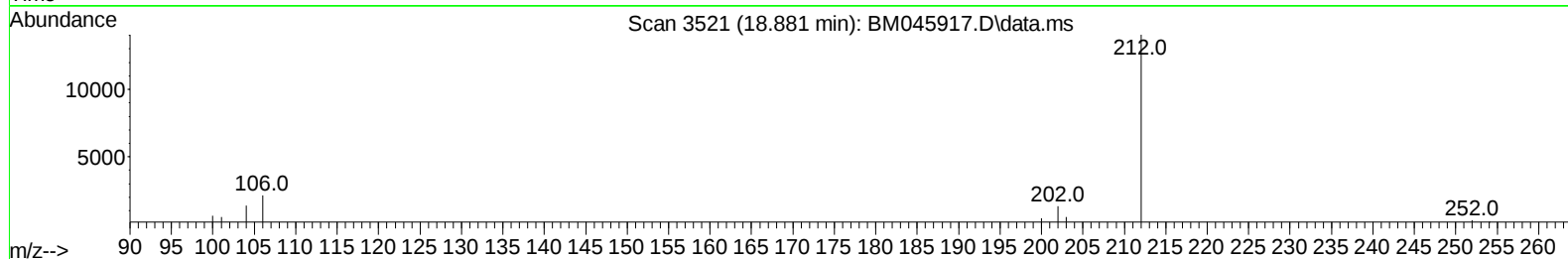
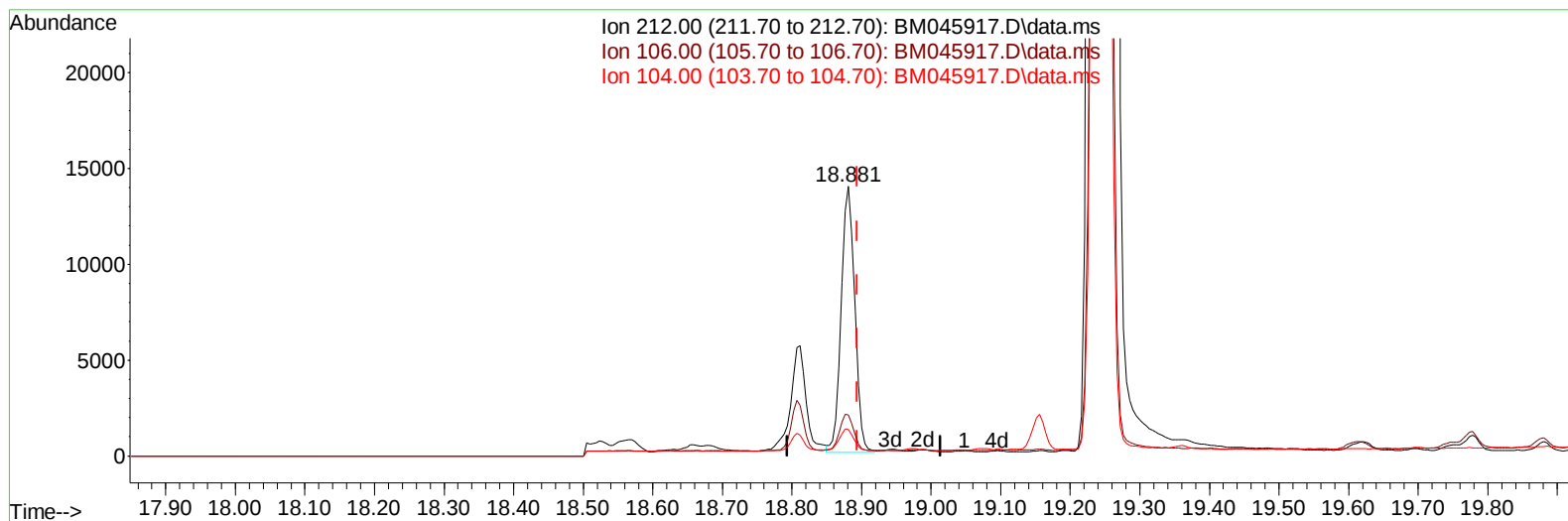
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
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TIC: BM045917.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.881min (-0.013) 0.40 ng/ul m

response 18691

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.00	0.19#
104.00	8.70	0.18#
0.00	0.00	0.00

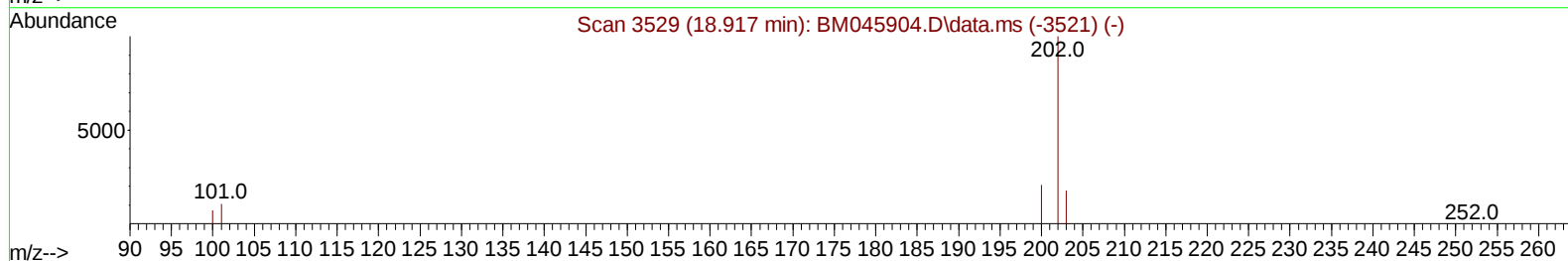
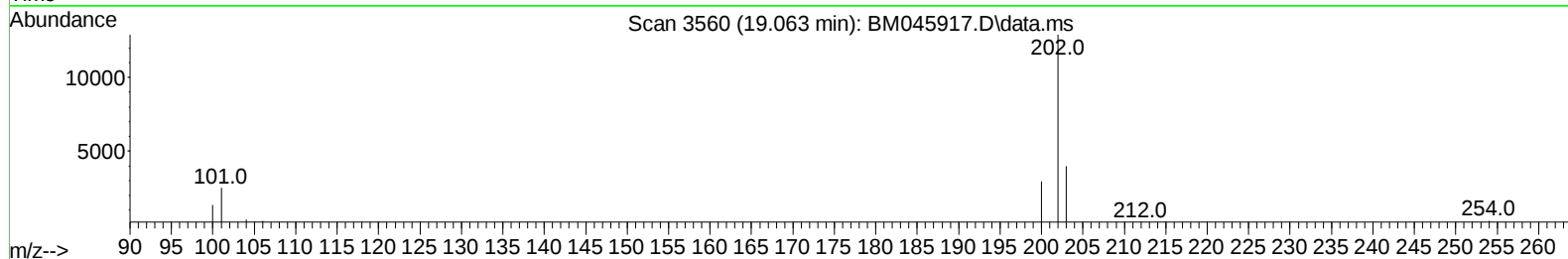
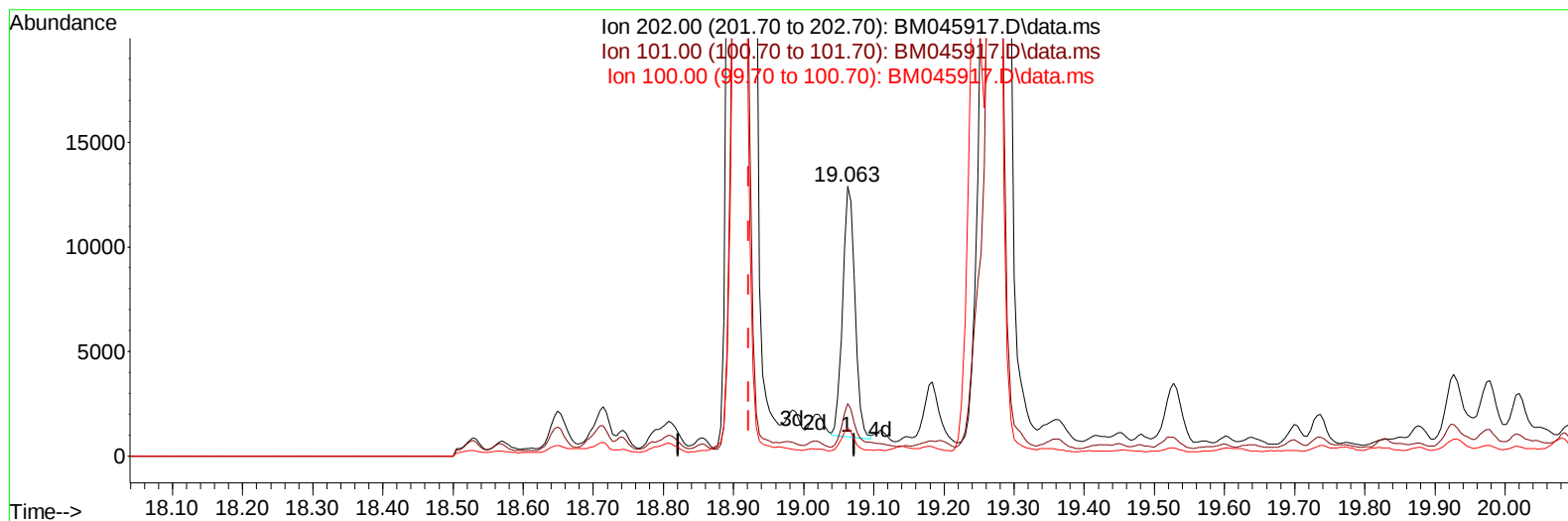
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
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TIC: BM045917.D\data.ms

(19) Fluoranthene (C)

19.063min (+ 0.141) 0.23 ng/u1

response 14747

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	19.39#
100.00	8.80	10.48
0.00	0.00	0.00

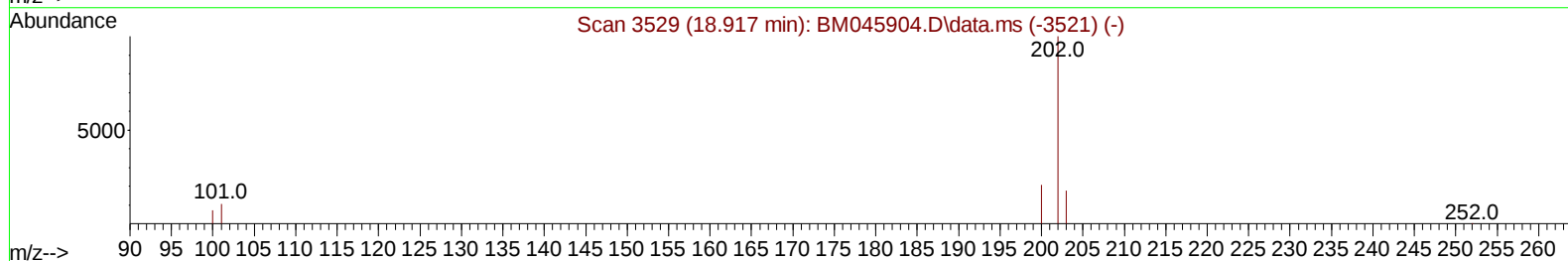
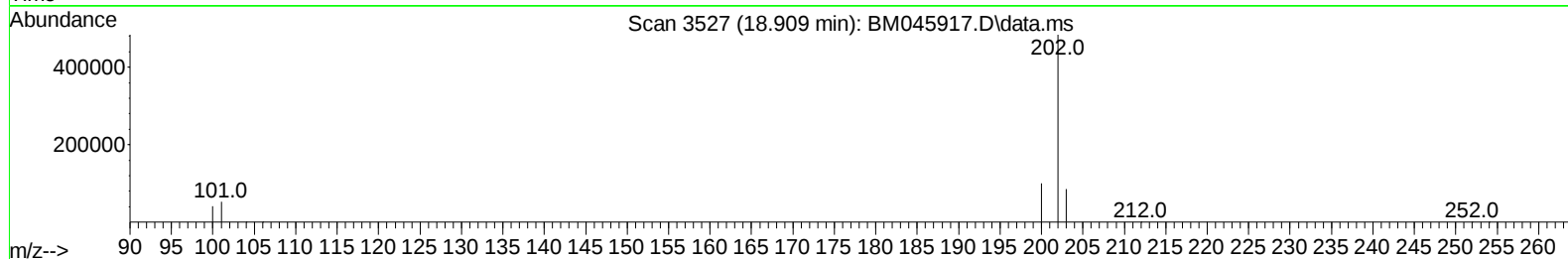
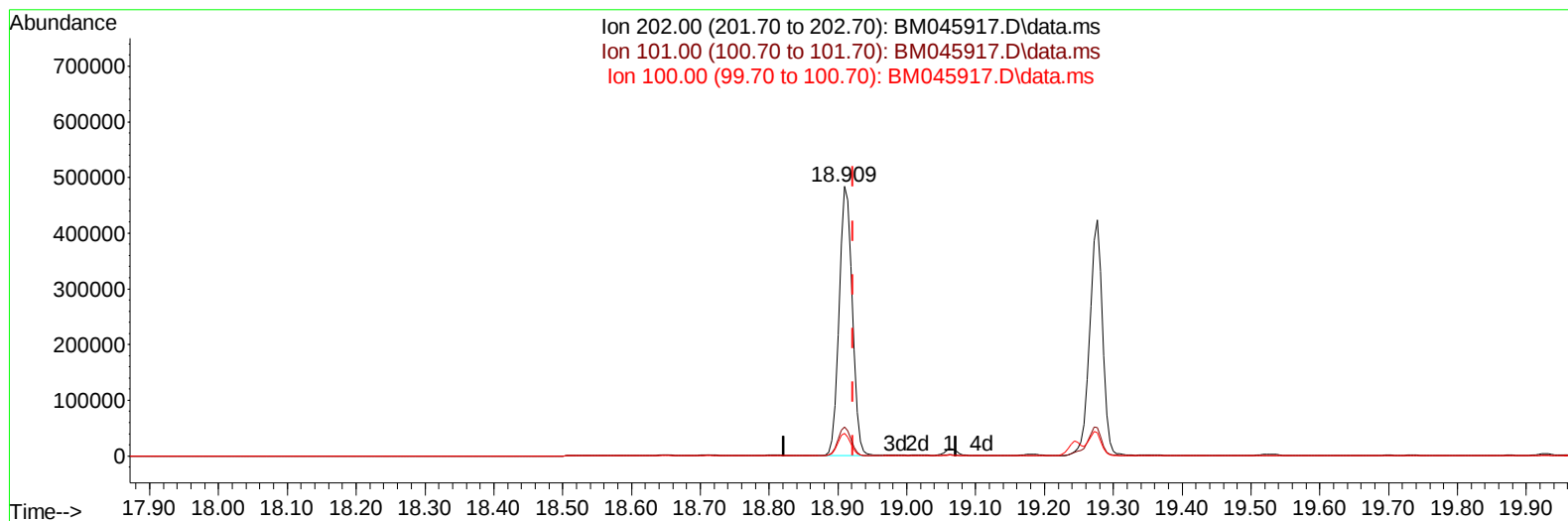
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(19) Fluoranthene (C)

18.909min (-0.013) 10.29 ng/ul m

response 646705

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	10.83
100.00	8.80	8.40
0.00	0.00	0.00

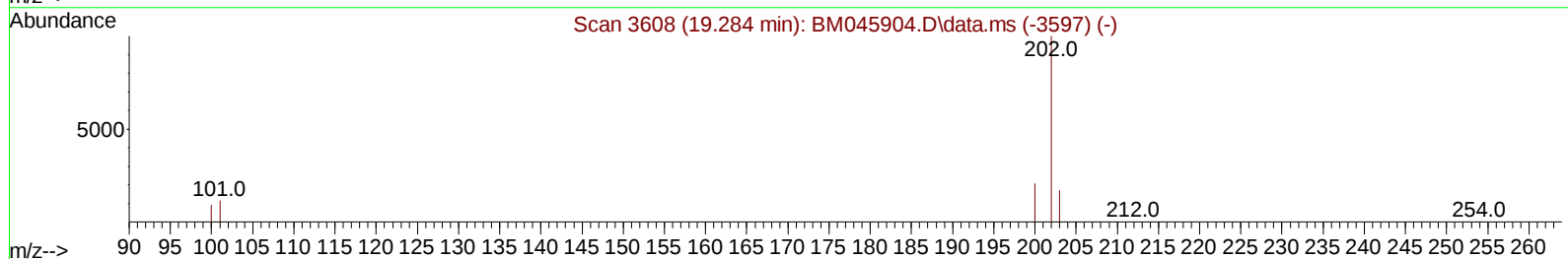
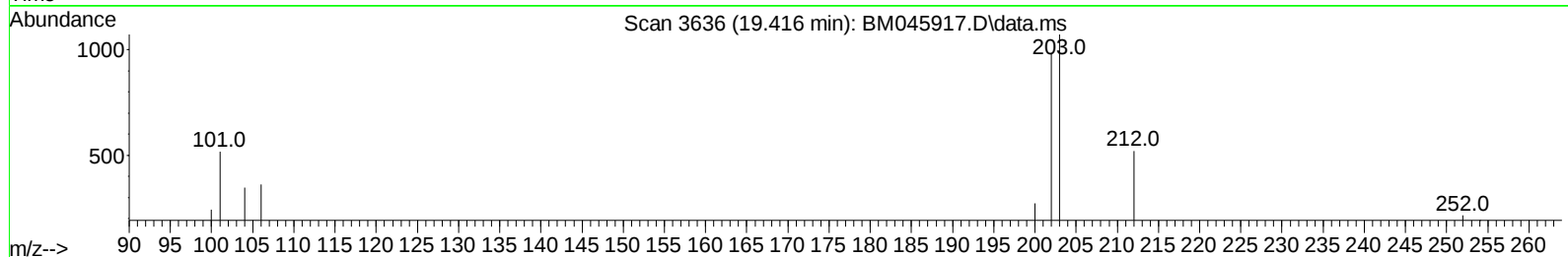
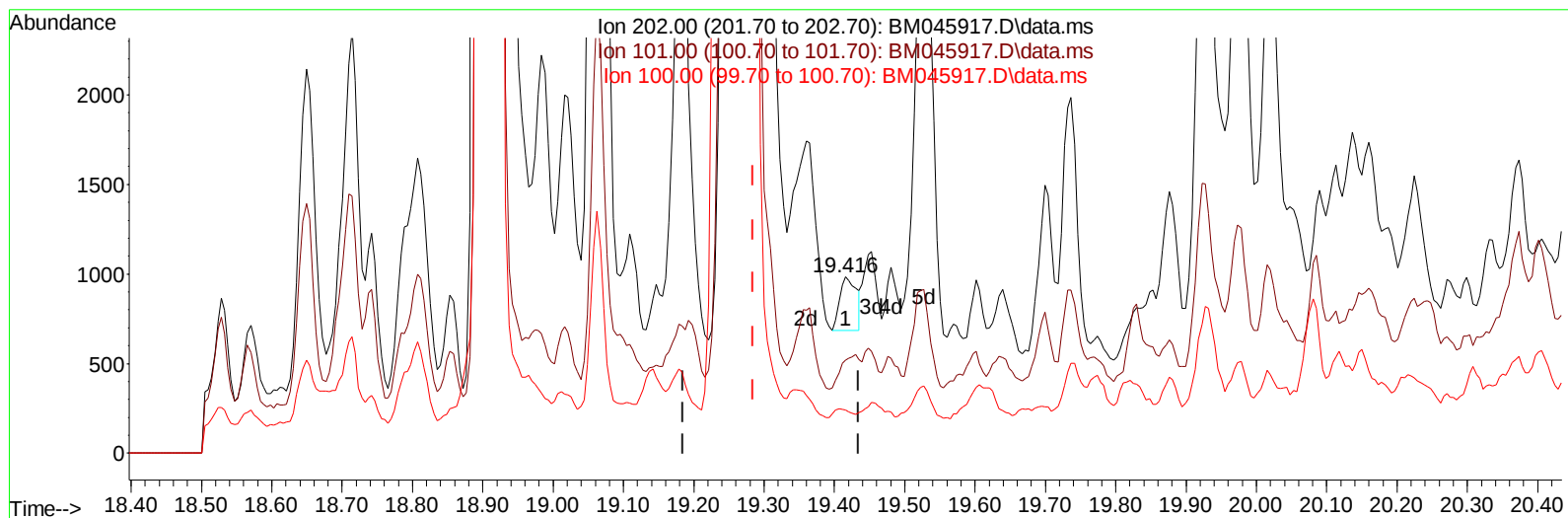
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(20) Pyrene

19.416min (+ 0.132) 0.01 ng/u1

response 494

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	52.64#
100.00	11.40	24.59#
0.00	0.00	0.00

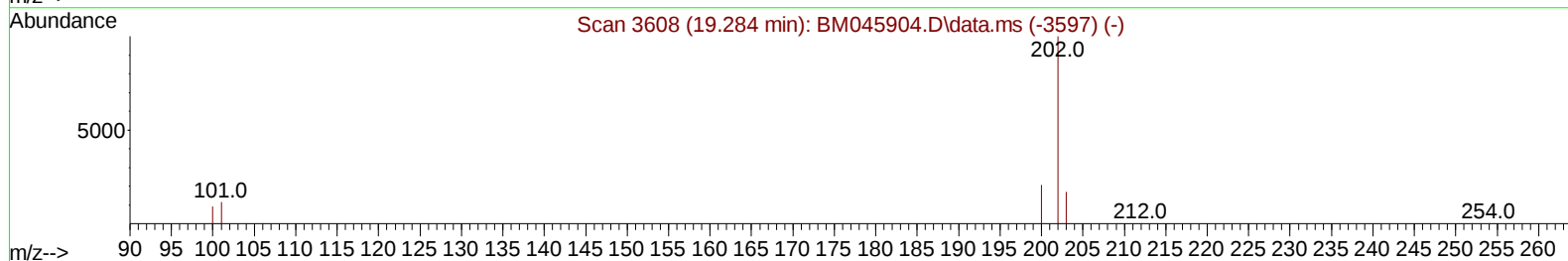
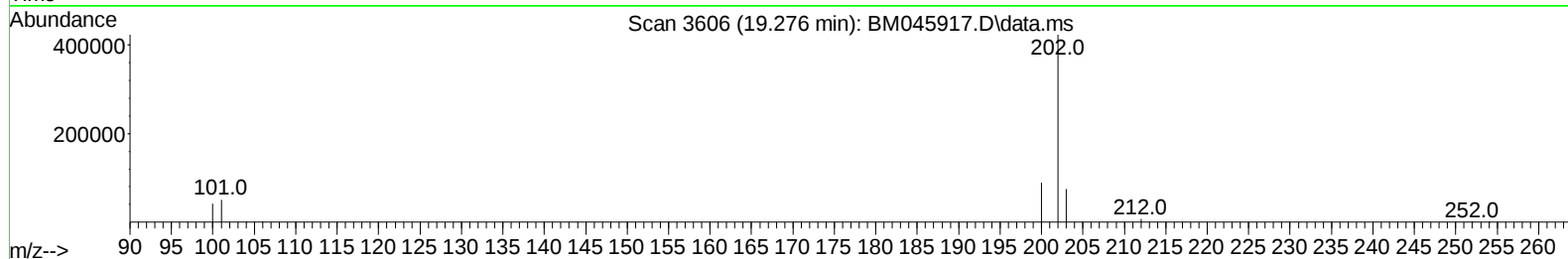
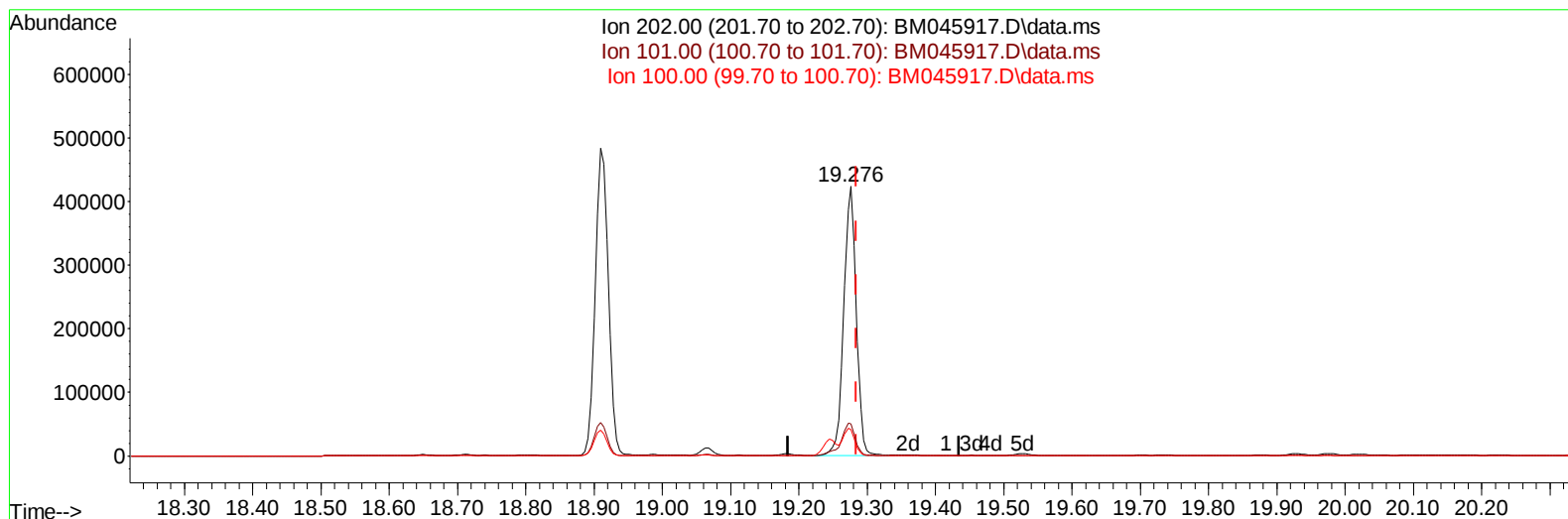
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(20) Pyrene

19.276min (-0.008) 8.28 ng/ul m

response 543065

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	11.97
100.00	11.40	9.85
0.00	0.00	0.00

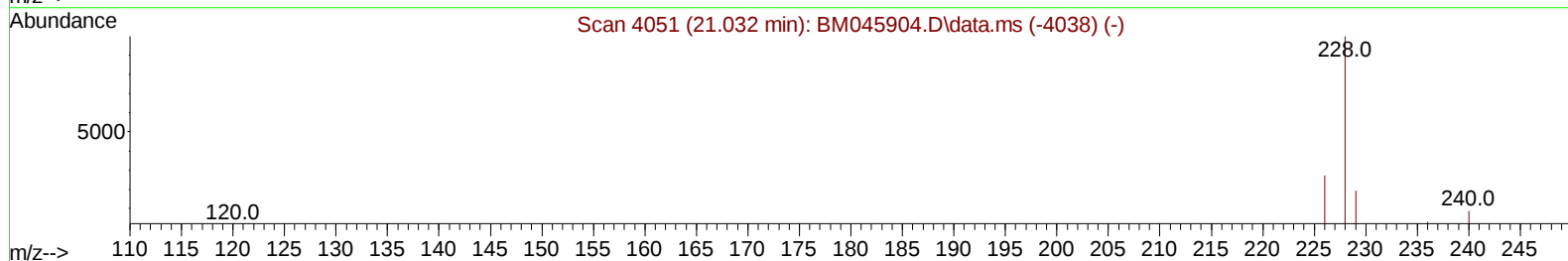
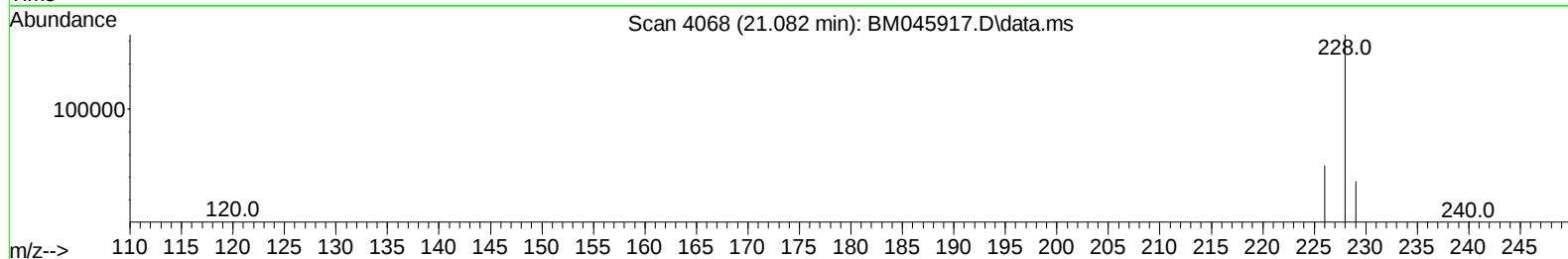
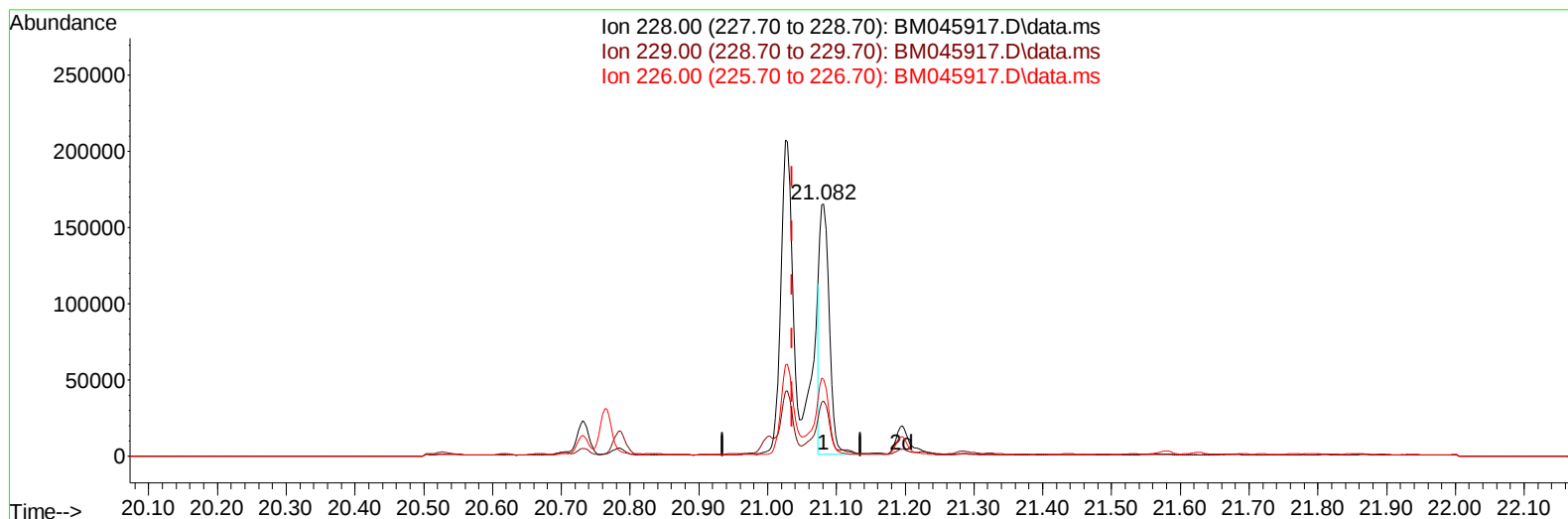
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
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TIC: BM045917.D\data.ms

(21) Benzo(a)anthracene

21.082min (+ 0.046) 2.79 ng/u1

response 161431

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.81
226.00	27.50	30.38
0.00	0.00	0.00

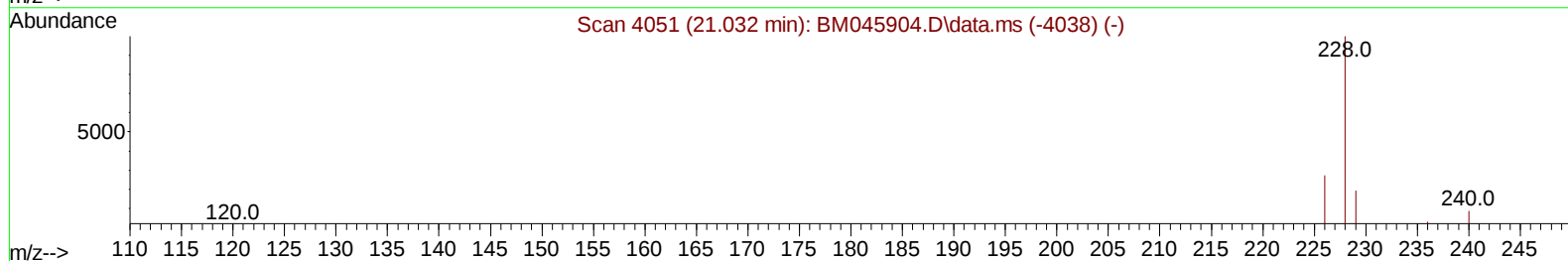
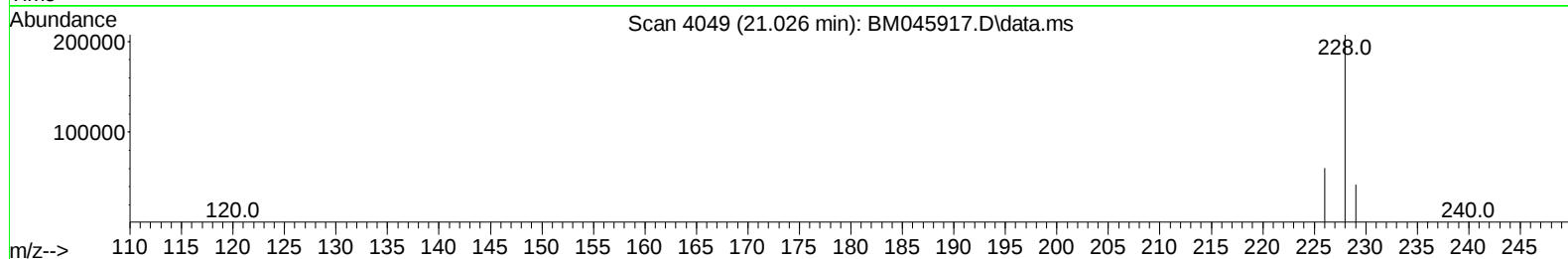
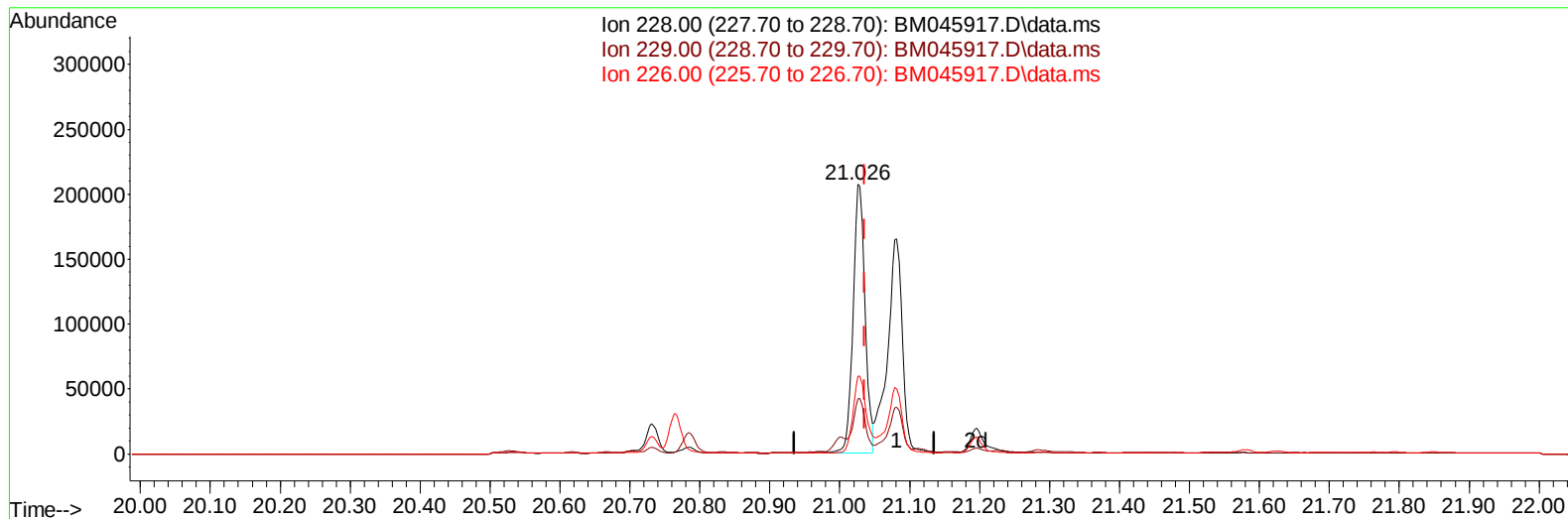
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
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TIC: BM045917.D\data.ms

(21) Benzo(a)anthracene

21.026min (-0.009) 4.23 ng/u1 m

response 244689

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.36
226.00	27.50	28.93
0.00	0.00	0.00

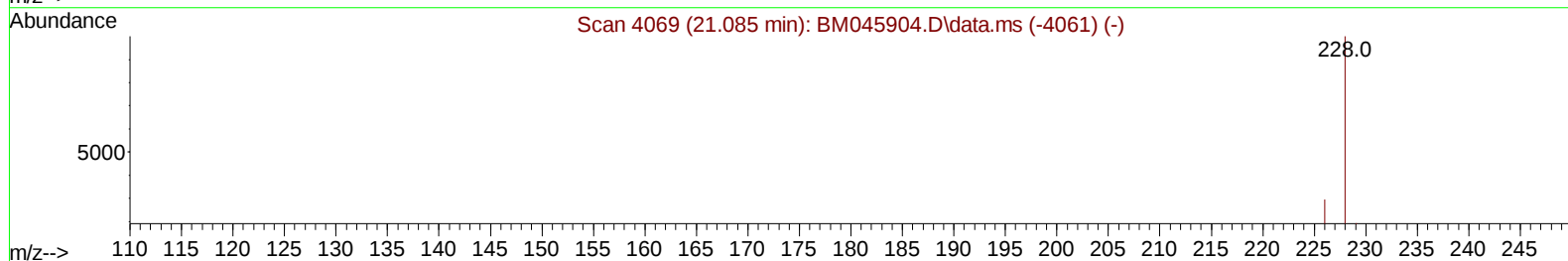
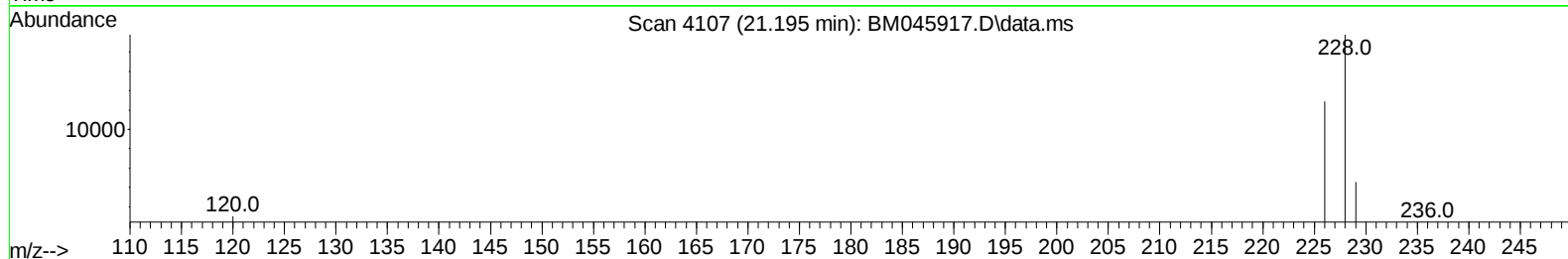
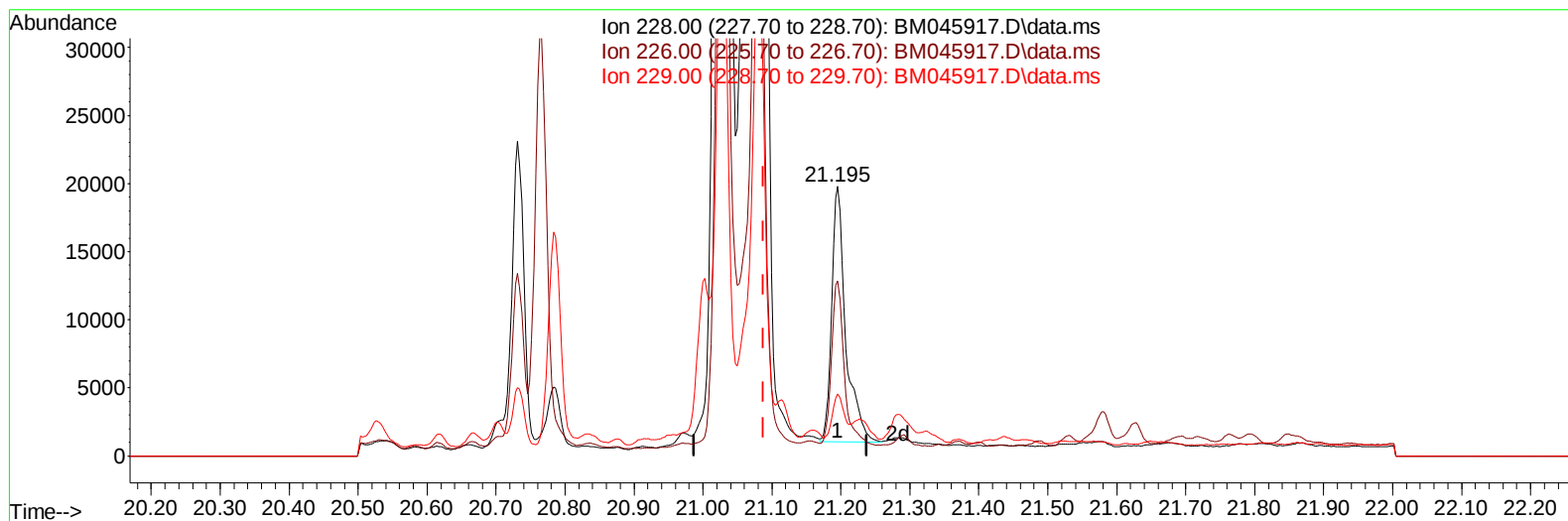
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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Reviewed By :Yogesh Patel 06/10/2024
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TIC: BM045917.D\data.ms

(22) Chrysene

21.195min (+ 0.108) 0.42 ng/u1

response 26345

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	65.05#
229.00	20.20	22.99
0.00	0.00	0.00

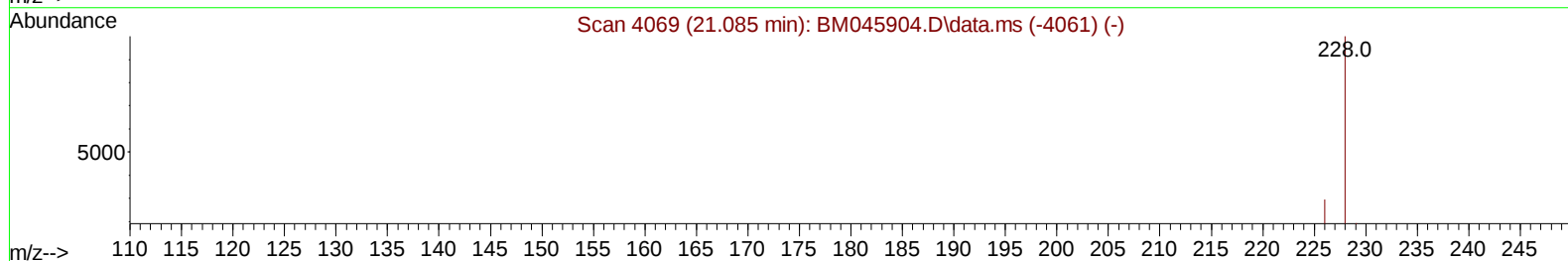
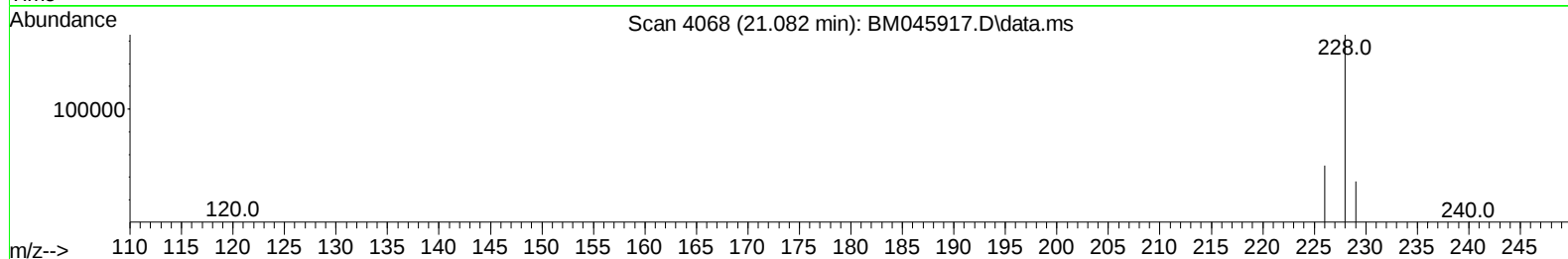
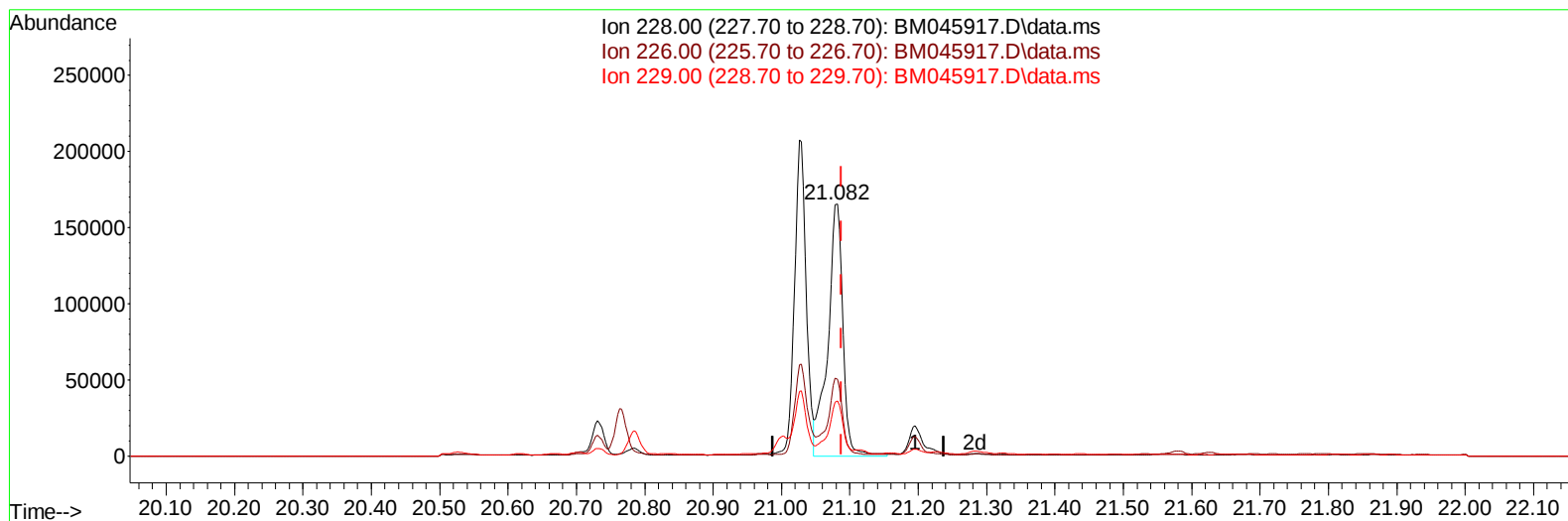
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(22) Chrysene

21.082min (-0.006) 4.01 ng/u1 m

response 252694

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	30.38
229.00	20.20	21.81
0.00	0.00	0.00

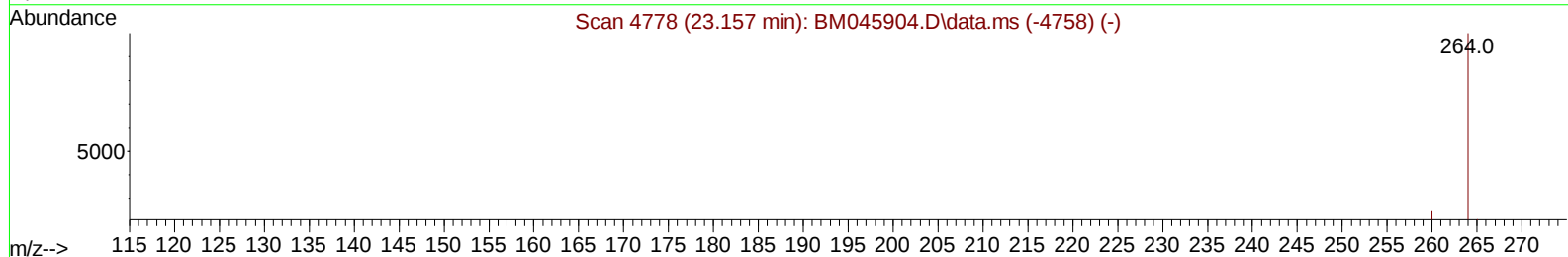
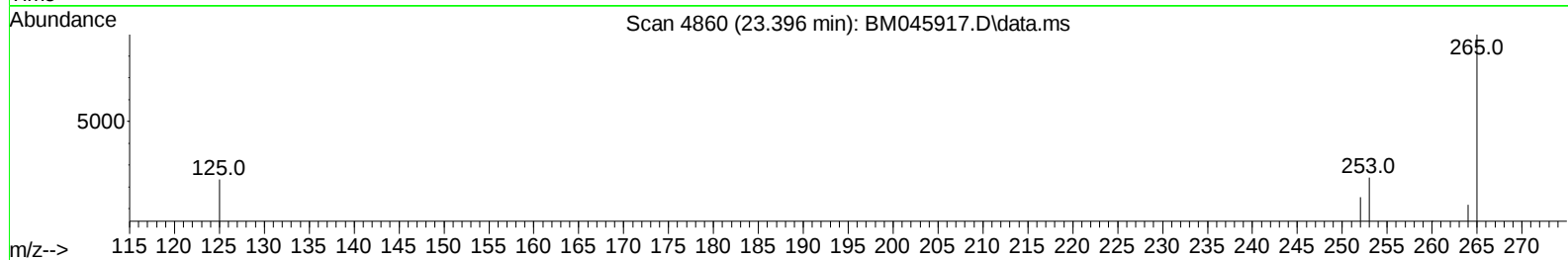
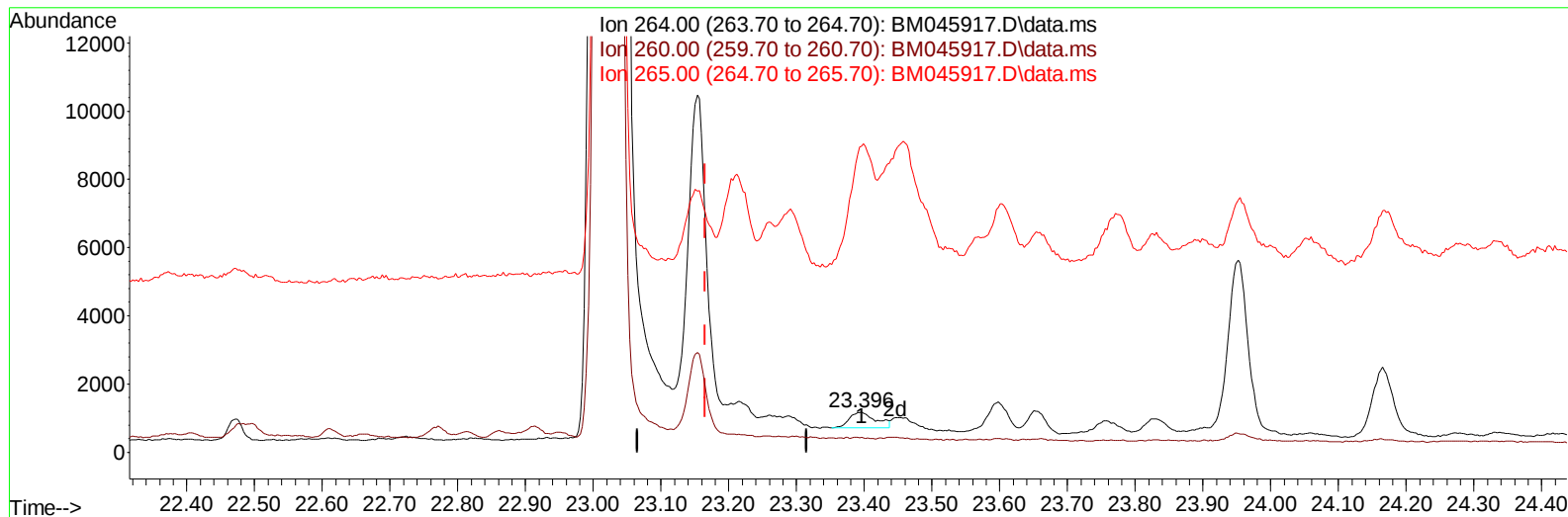
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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TIC: BM045917.D\data.ms

(23) Perylene-d12 (I)

23.396min (+ 0.231) 0.40 ng/u1

response 1279

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	36.47#
265.00	76.60	761.66#
0.00	0.00	0.00

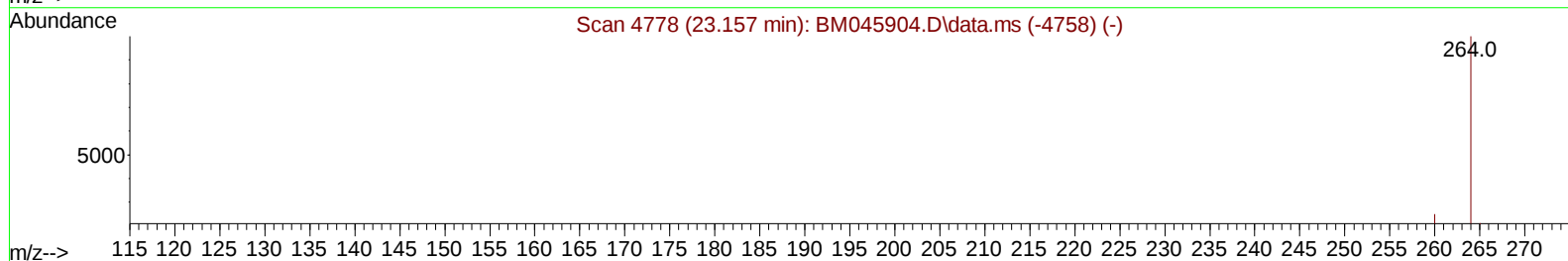
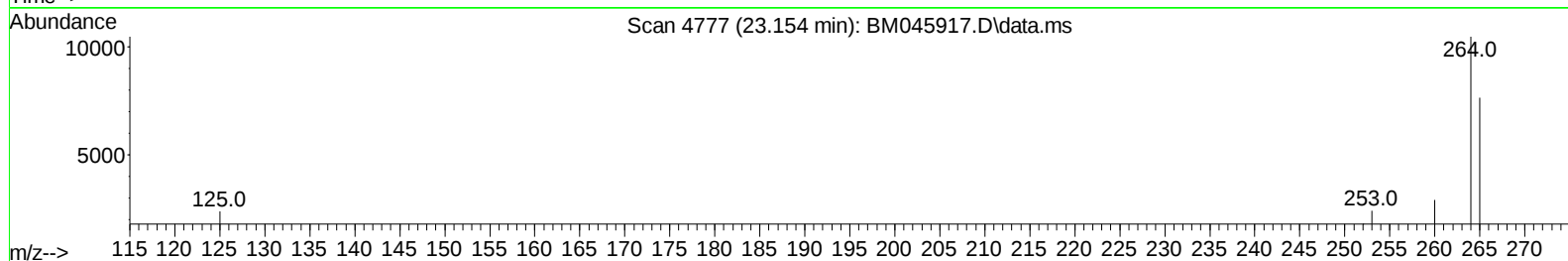
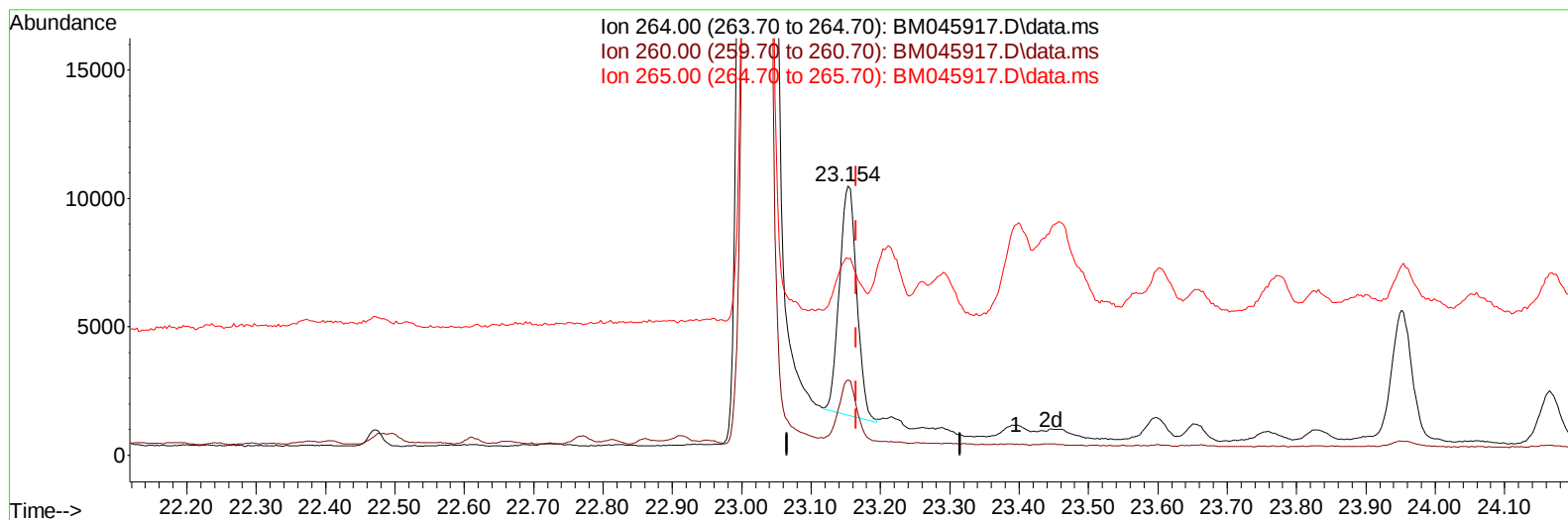
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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TIC: BM045917.D\data.ms

(23) Perylene-d12 (I)

23.154min (-0.012) 0.40 ng/ul m

response 15463

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	27.93
265.00	76.60	73.00
0.00	0.00	0.00

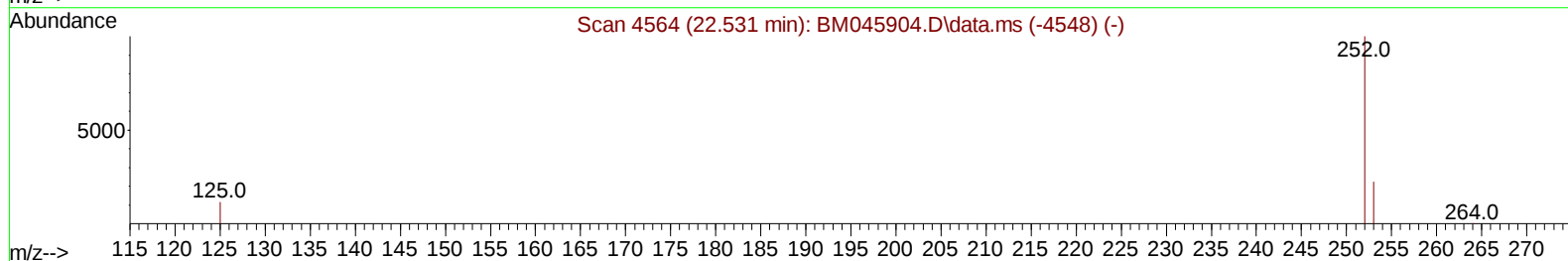
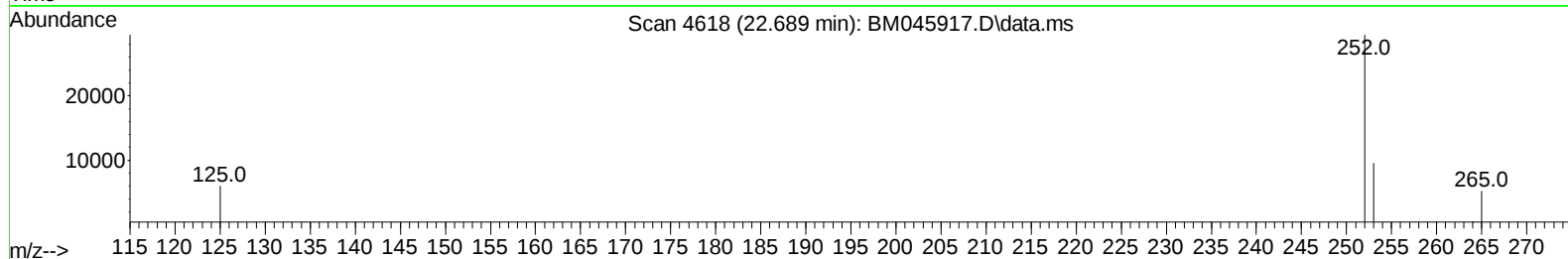
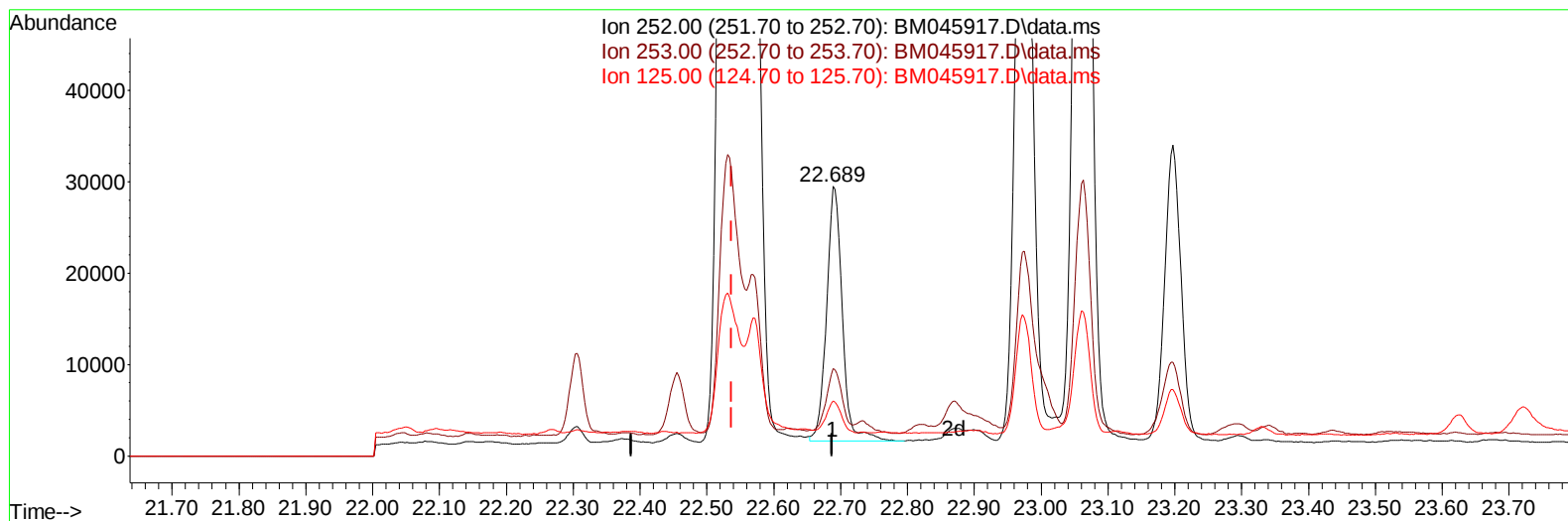
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(24) Benzo(b)fluoranthene

22.689min (+ 0.152) 0.90 ng/u1

response 46047

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	32.32
125.00	17.90	20.34
0.00	0.00	0.00

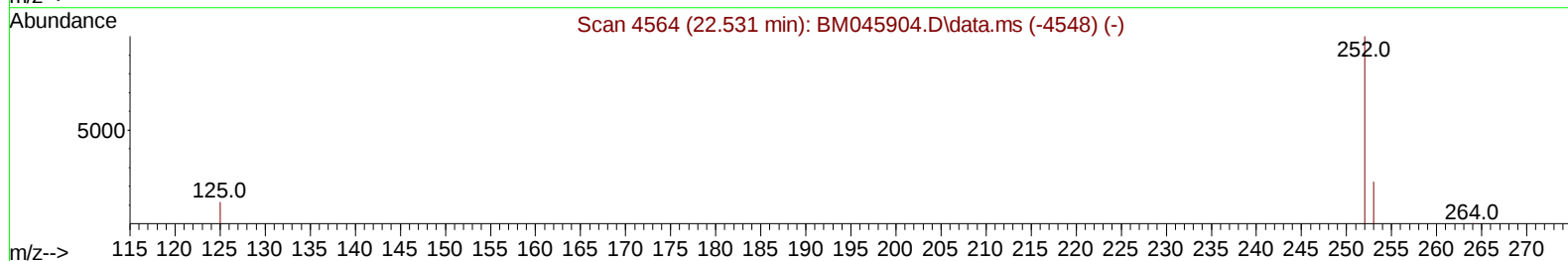
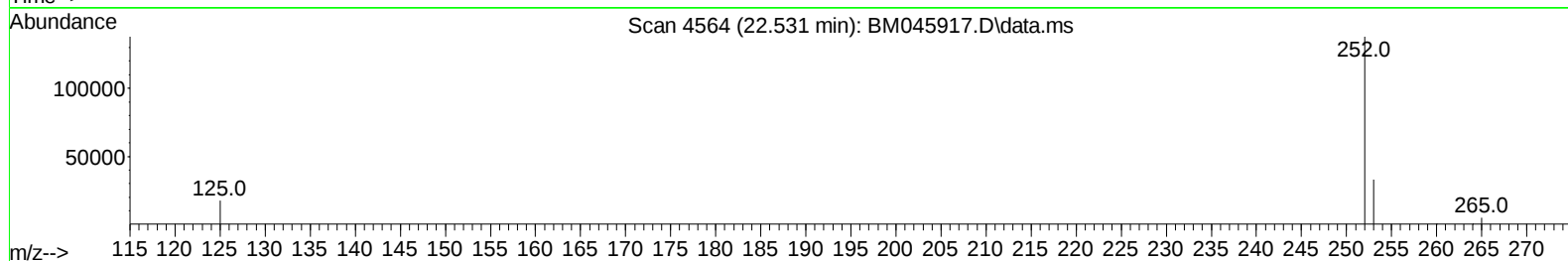
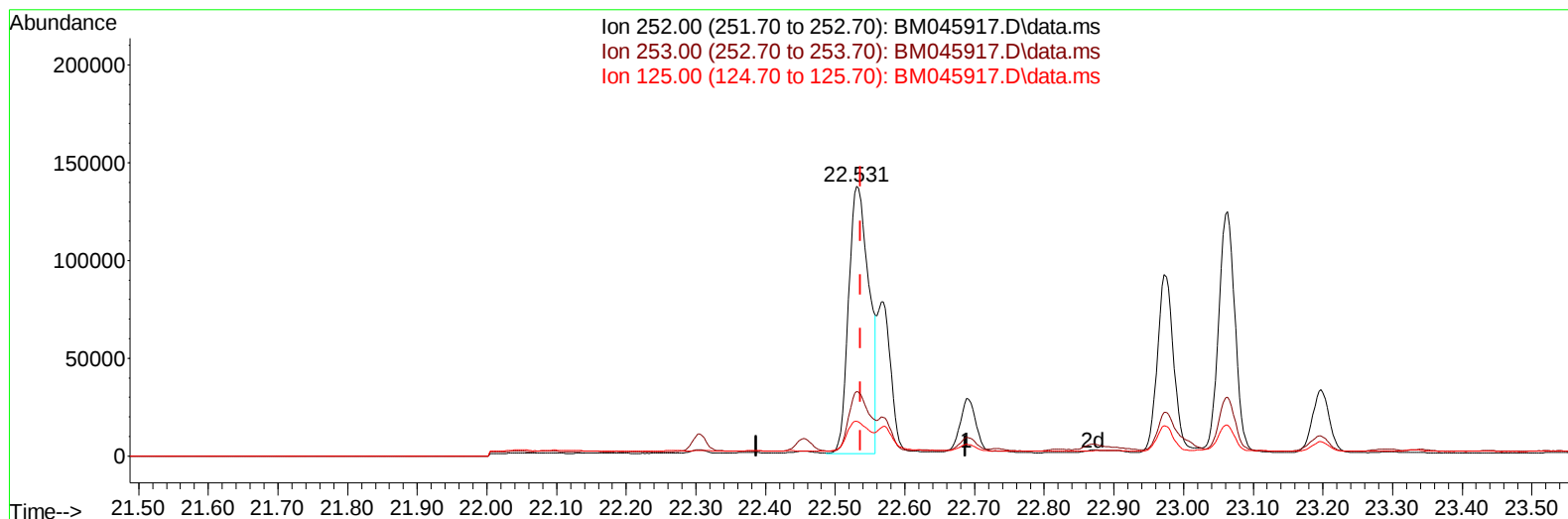
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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TIC: BM045917.D\data.ms

(24) Benzo(b)fluoranthene

22.531min (-0.006) 5.46 ng/u1 m

response 279814

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	23.93
125.00	17.90	12.92
0.00	0.00	0.00

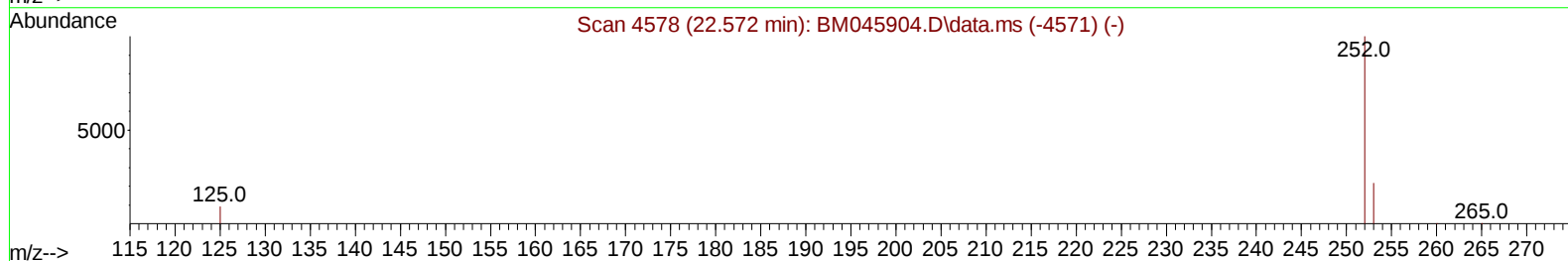
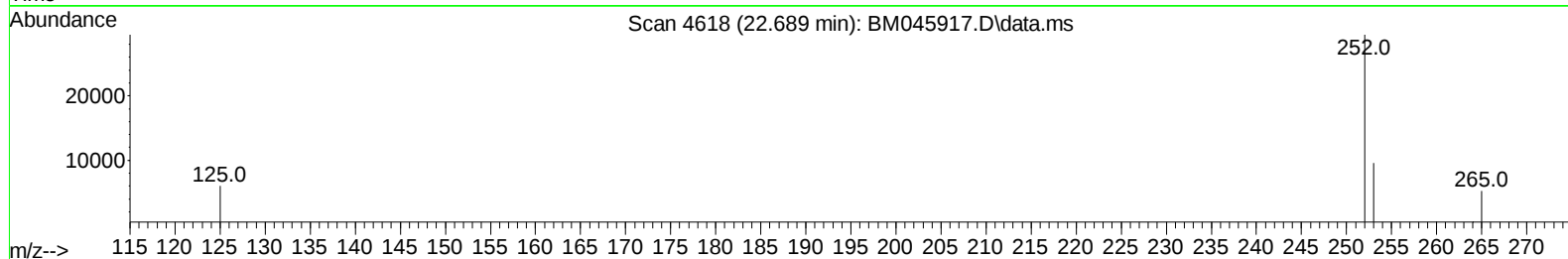
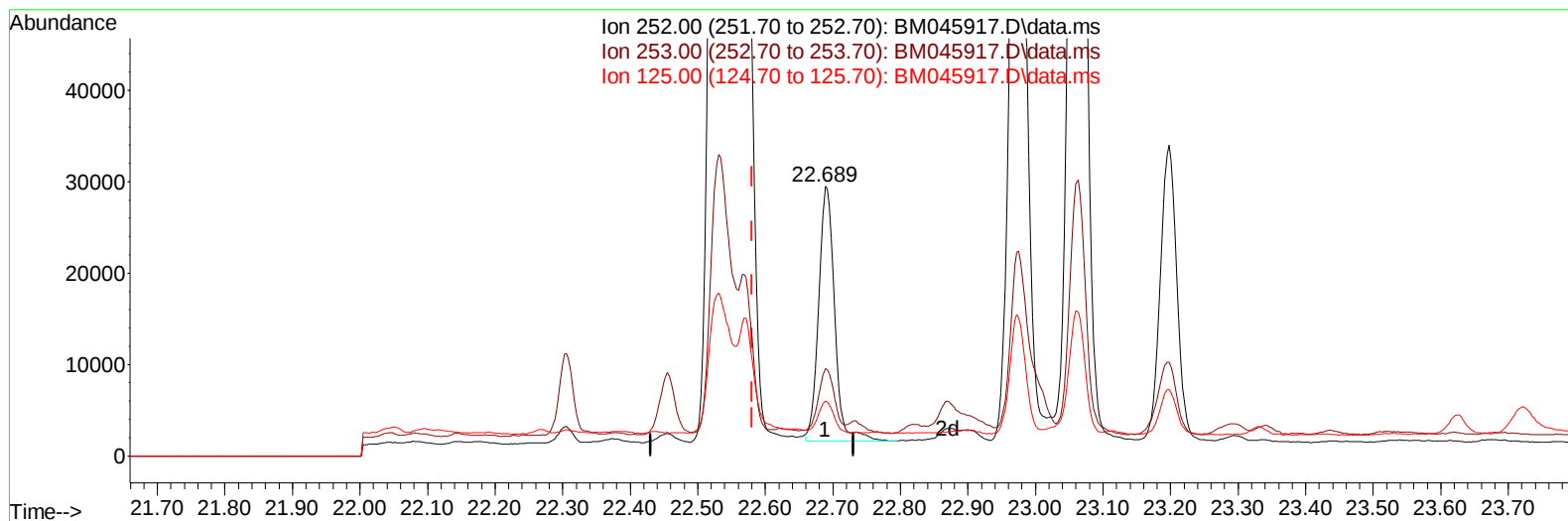
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(25) Benzo(k)fluoranthene

22.689min (+ 0.108) 0.81 ng/u1

response 45811

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	32.32
125.00	17.70	20.34
0.00	0.00	0.00

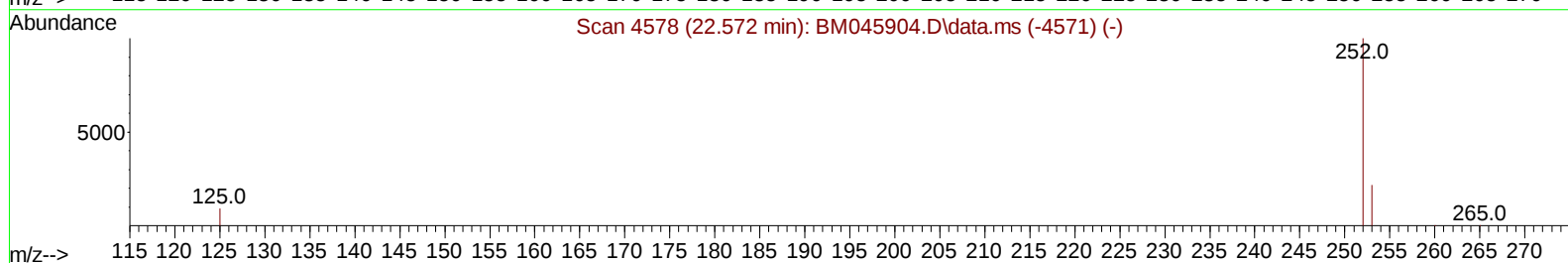
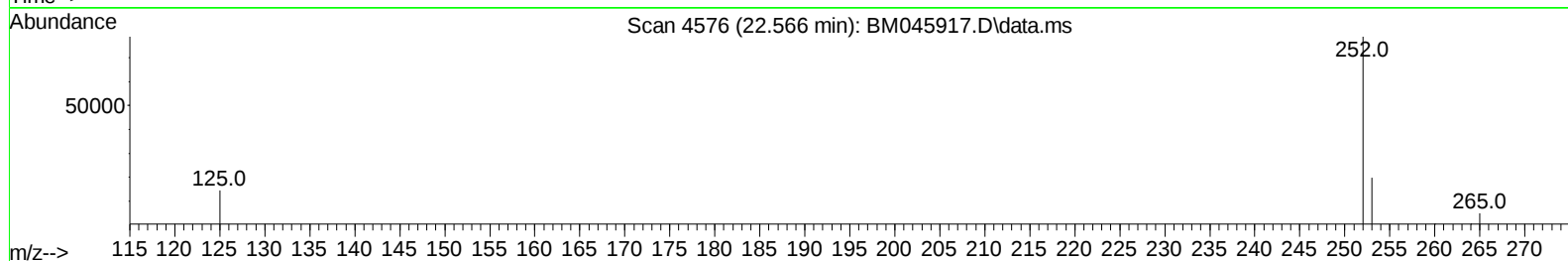
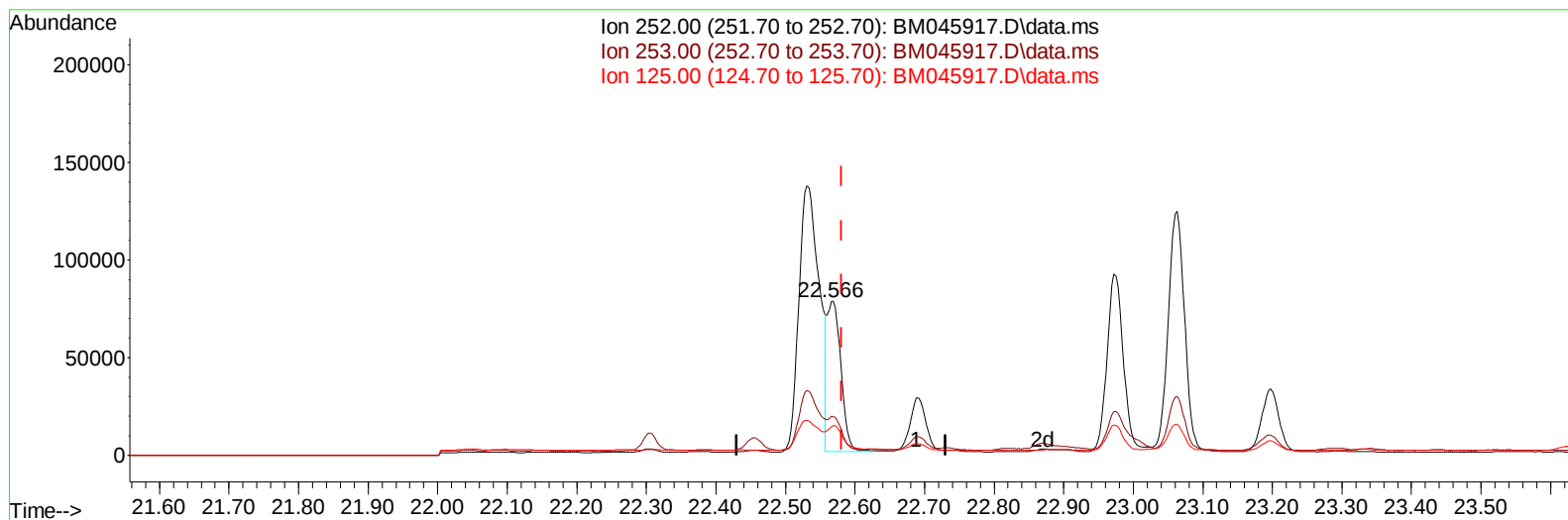
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(25) Benzo(k)fluoranthene

22.566min (-0.015) 1.88 ng/u1 m

response 105707

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	25.24
125.00	17.70	18.41
0.00	0.00	0.00

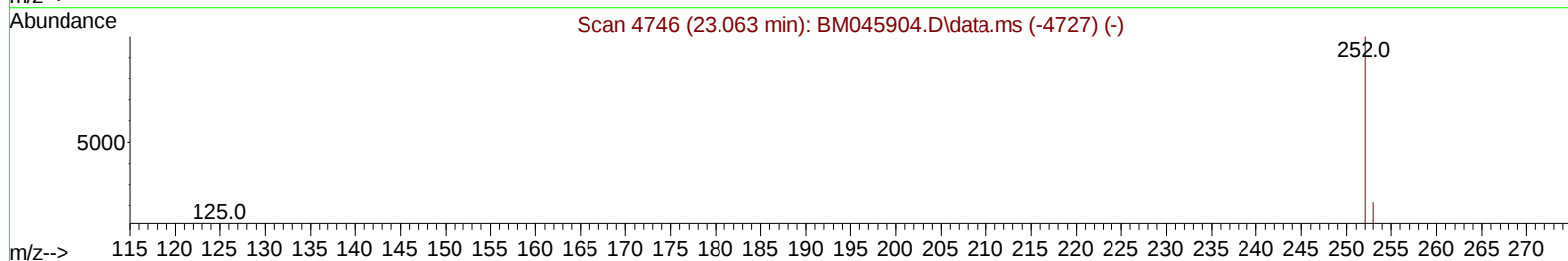
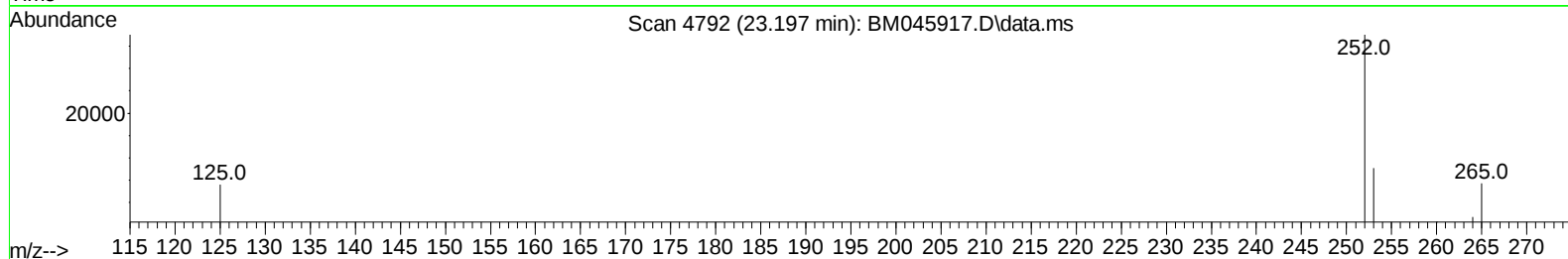
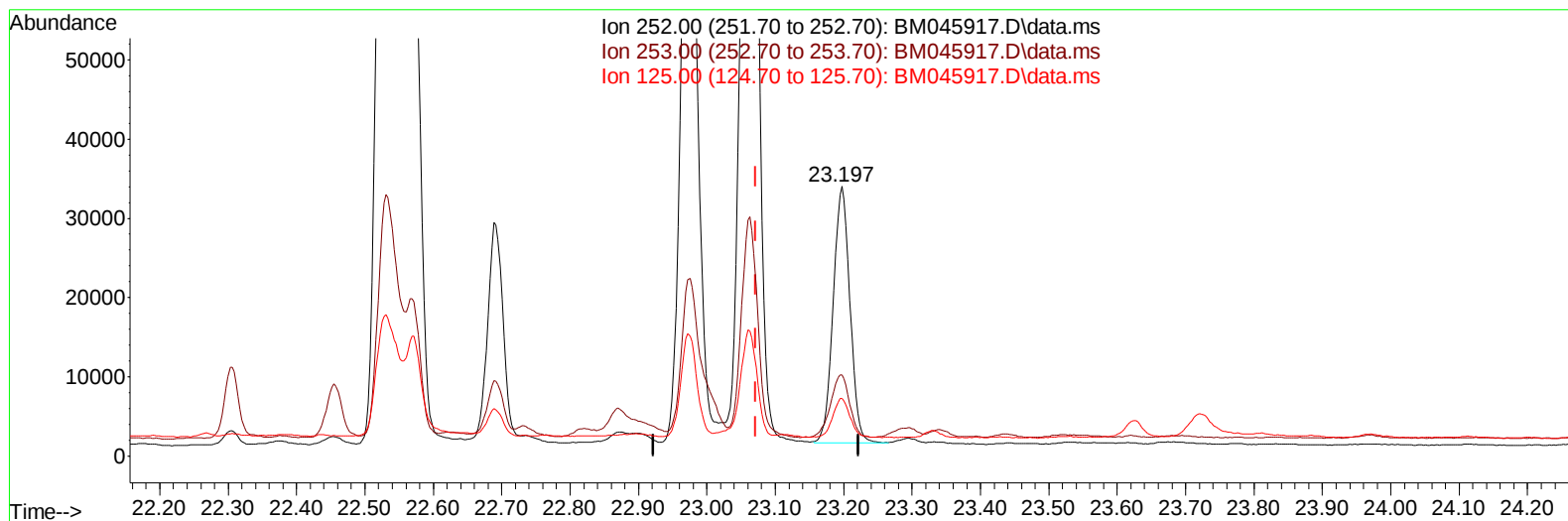
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(26) Benzo(a)pyrene (C)

23.197min (+ 0.125) 1.08 ng/u1

response 55205

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	30.05
125.00	21.60	21.42
0.00	0.00	0.00

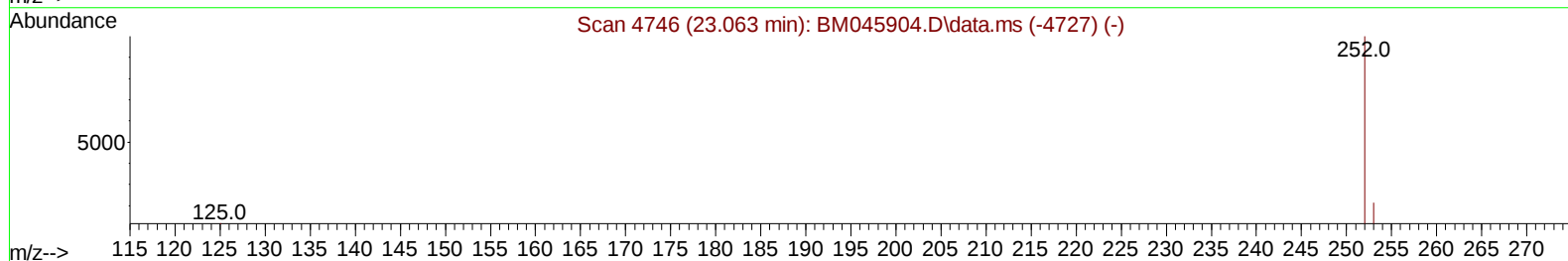
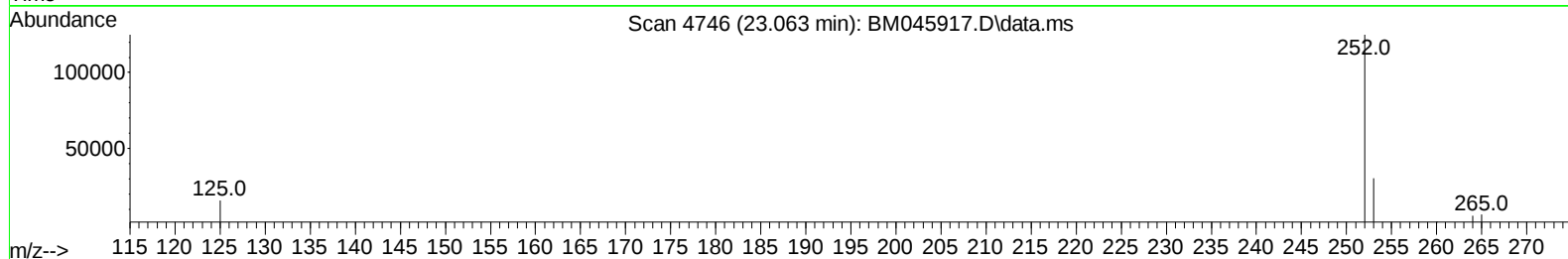
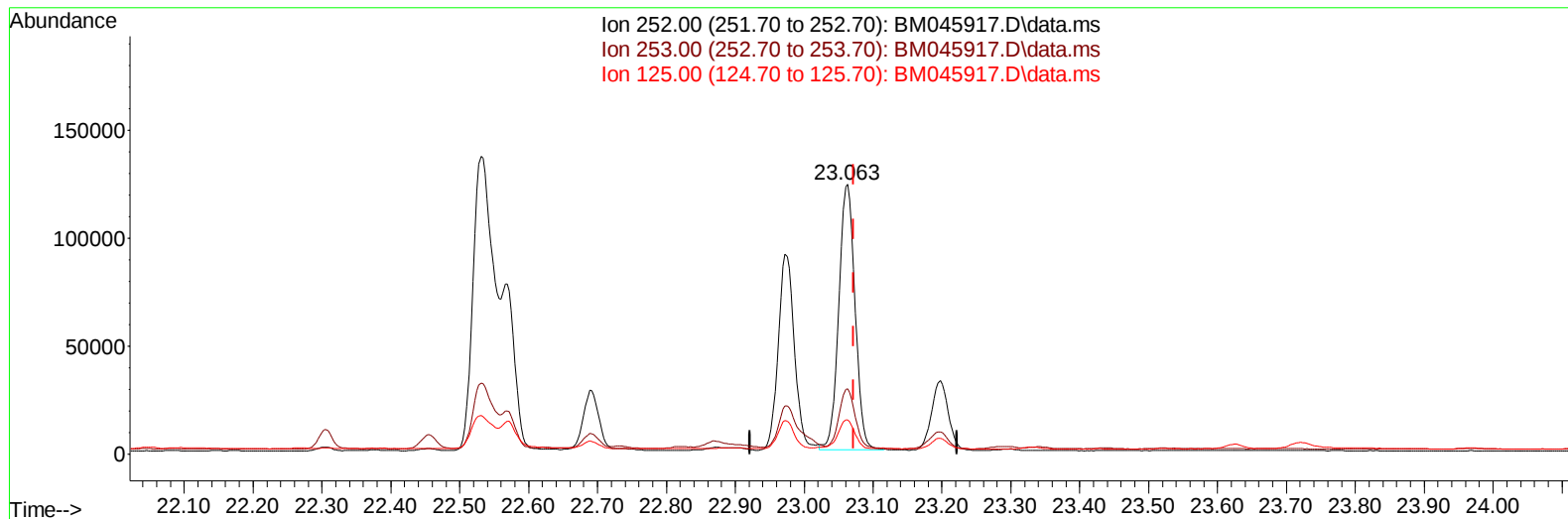
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

(26) Benzo(a)pyrene (C)

23.063min (-0.009) 3.95 ng/u1 m

response 201670

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	24.21#
125.00	21.60	12.60#
0.00	0.00	0.00

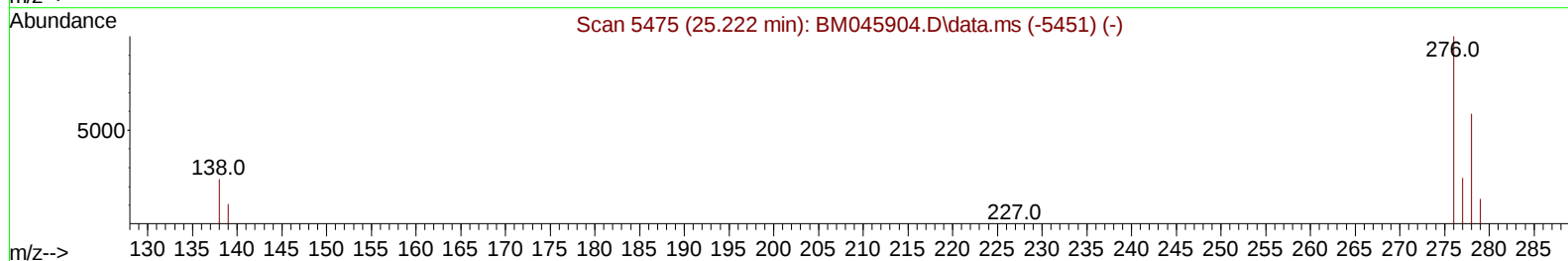
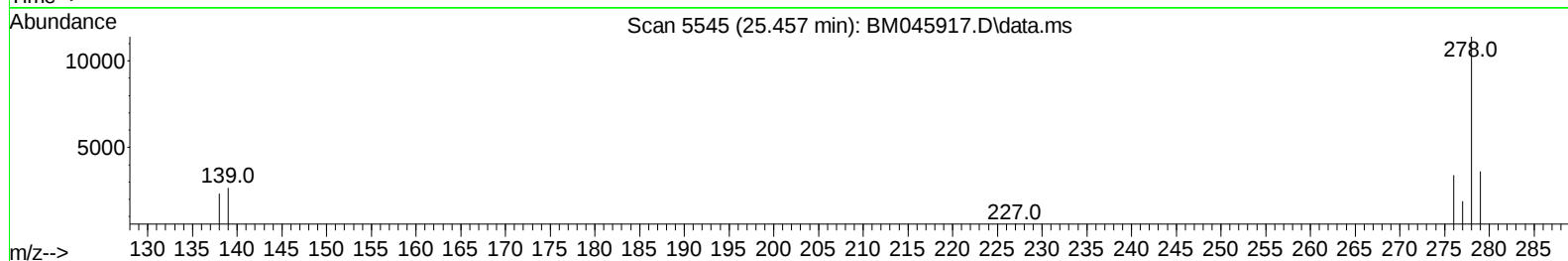
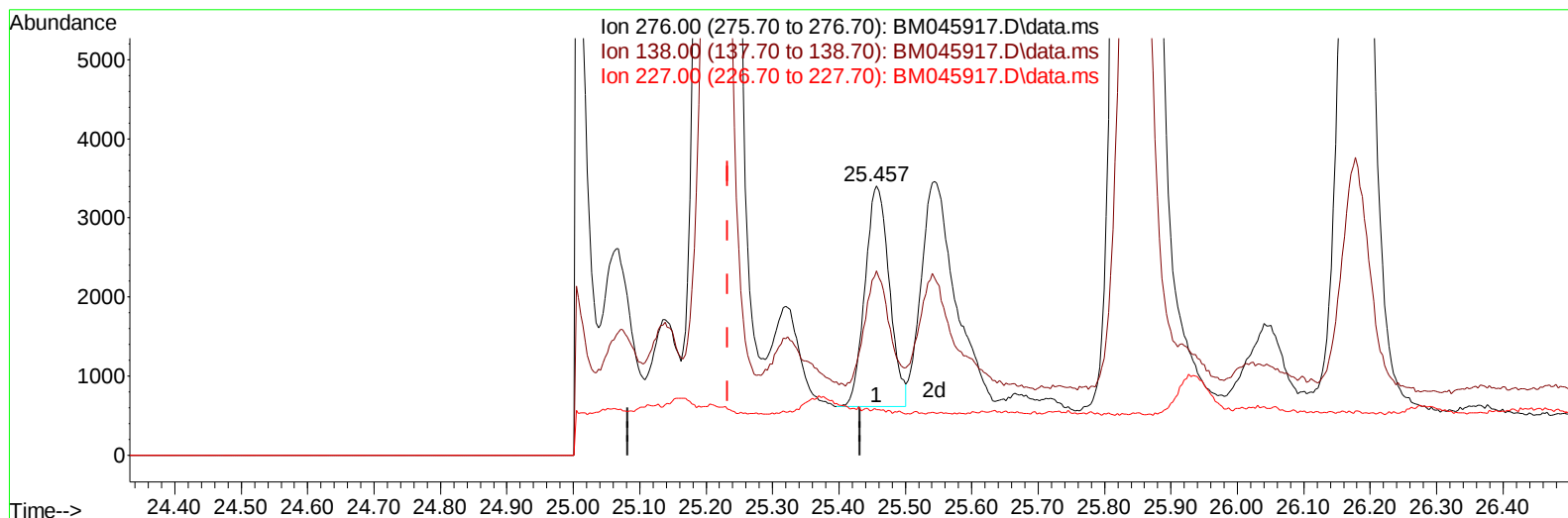
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045917.D
 Acq On : 08 Jun 2024 15:40
 Operator : MA/JU
 Sample : P2640-17
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

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

25.457min (+ 0.225) 0.11 ng/u1

response 7047

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	52.79#
227.00	0.20	1.05#
0.00	0.00	0.00

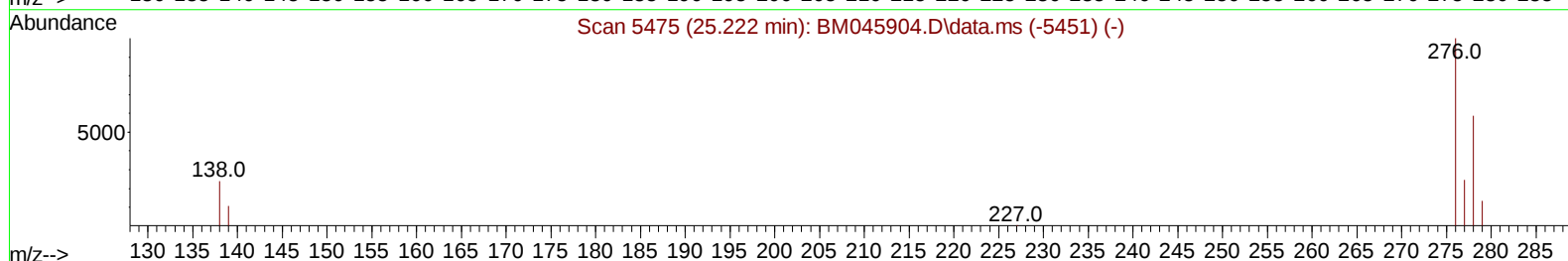
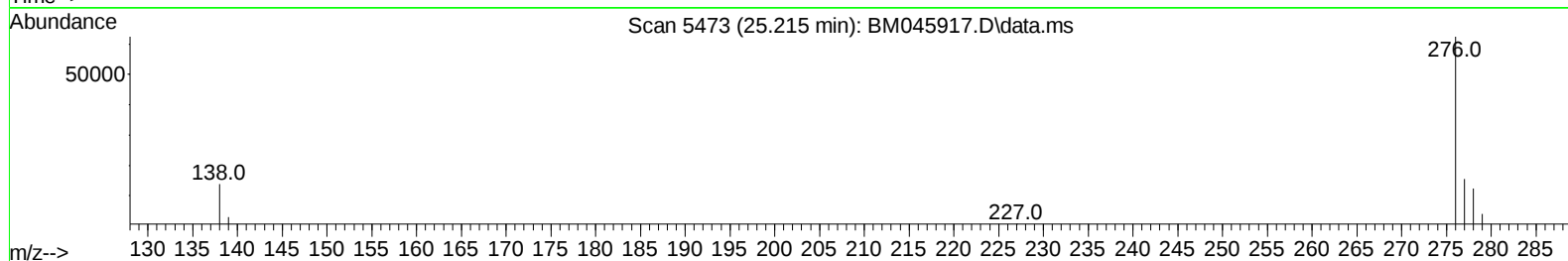
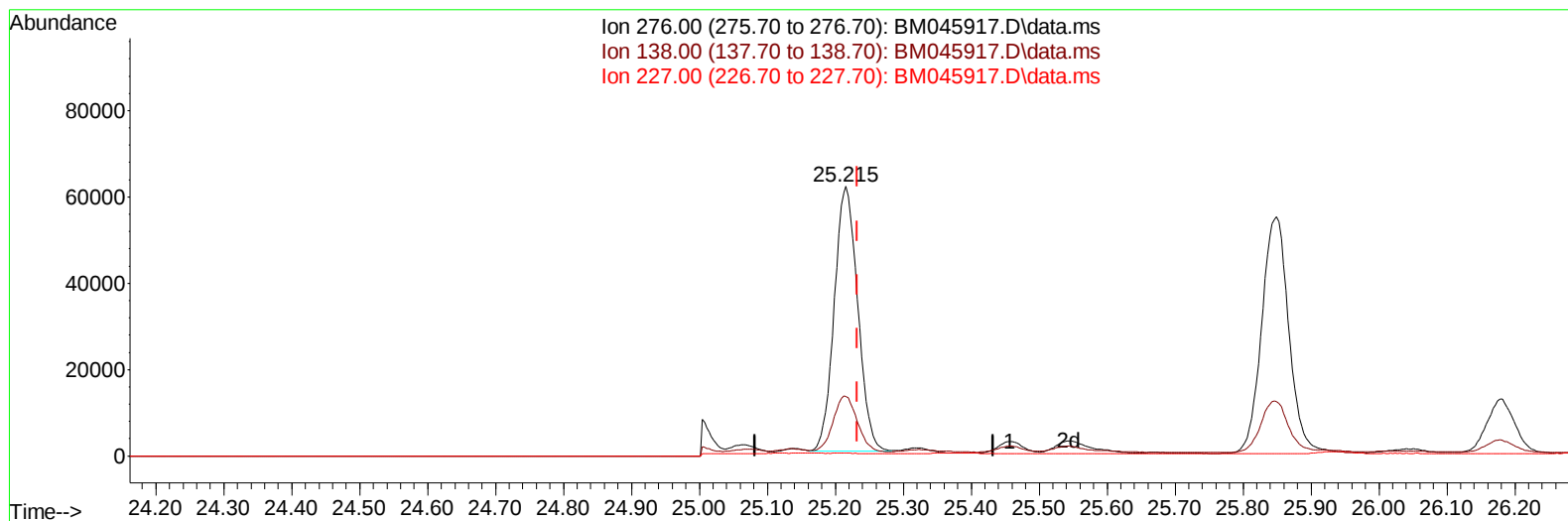
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

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

25.215min (-0.017) 2.22 ng/u1 m

response 146744

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	2.54#
227.00	0.20	0.05#
0.00	0.00	0.00

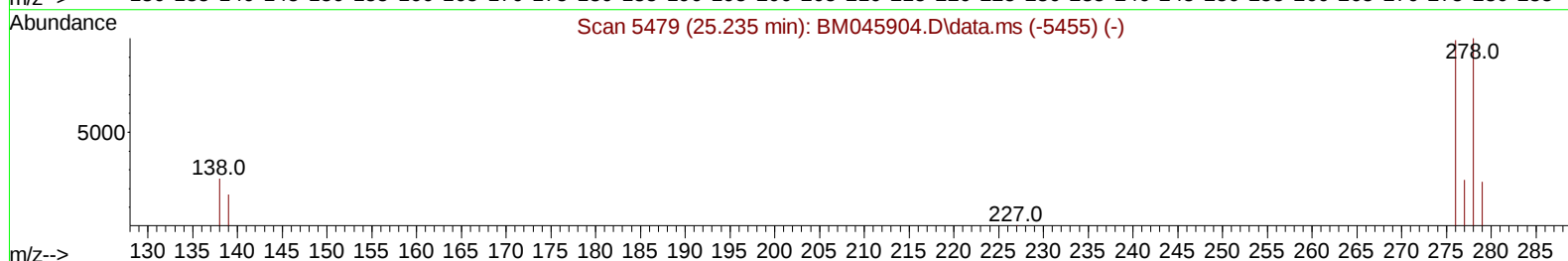
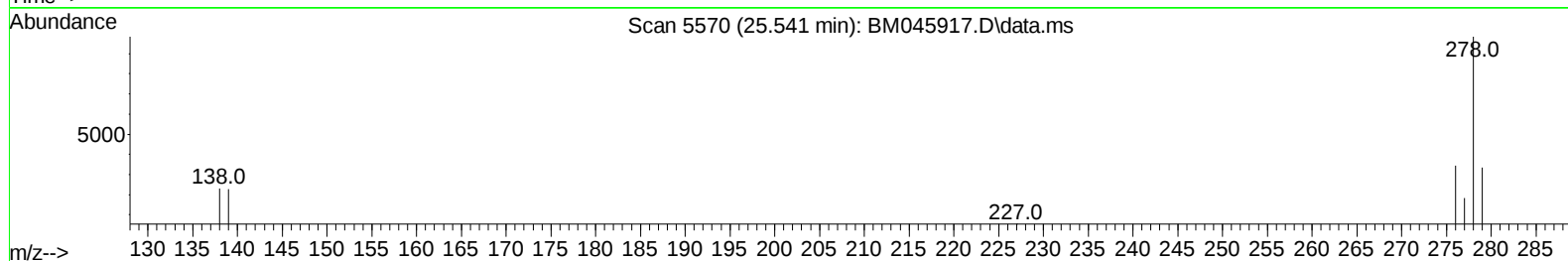
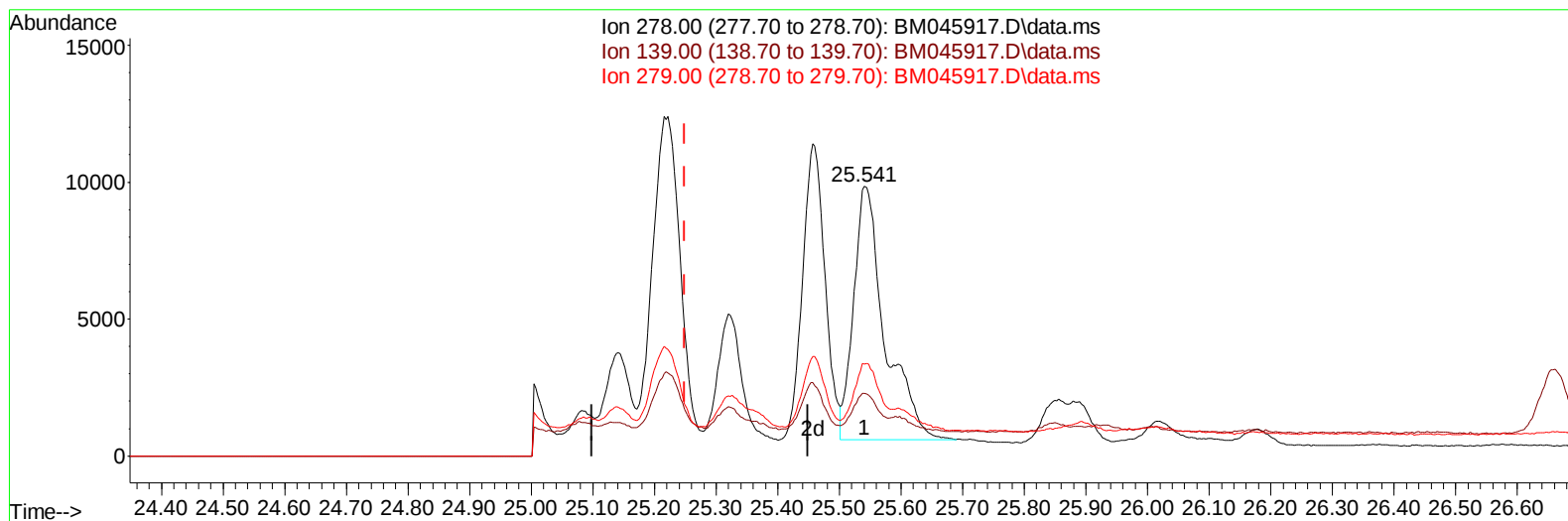
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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QLast Update : Fri Jun 07 22:59:16 2024
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TIC: BM045917.D\data.ms

(28) Dibenzo(a,h)anthracene

25.541min (+ 0.292) 0.62 ng/u1

response 32655

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	23.19
279.00	30.80	34.04
0.00	0.00	0.00

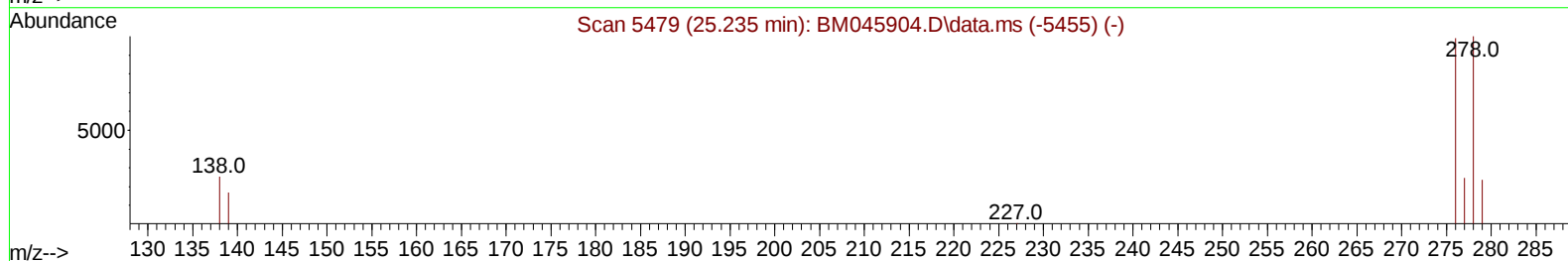
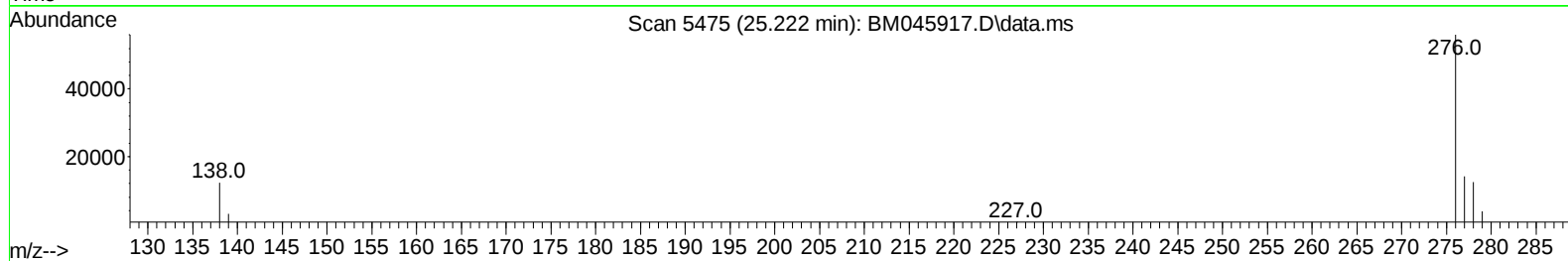
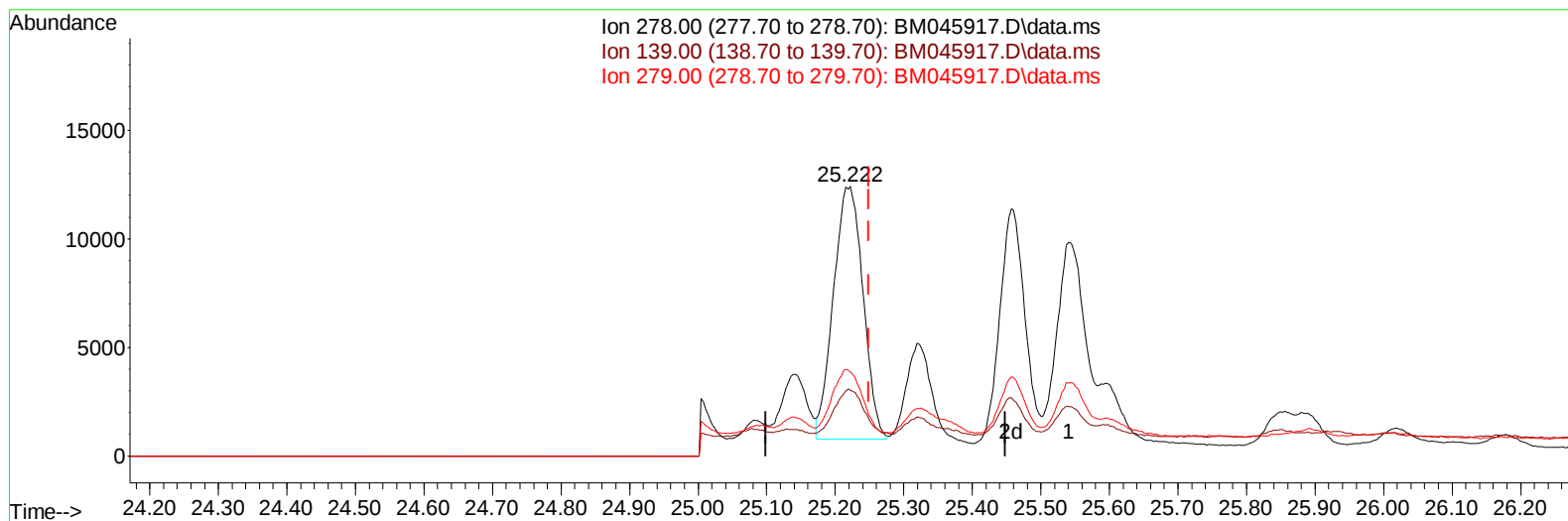
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:46 2024
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TIC: BM045917.D\data.ms

(28) Dibenzo(a,h)anthracene

25.222min (-0.027) 0.66 ng/u1 m

response 34841

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	24.49
279.00	30.80	31.33
0.00	0.00	0.00

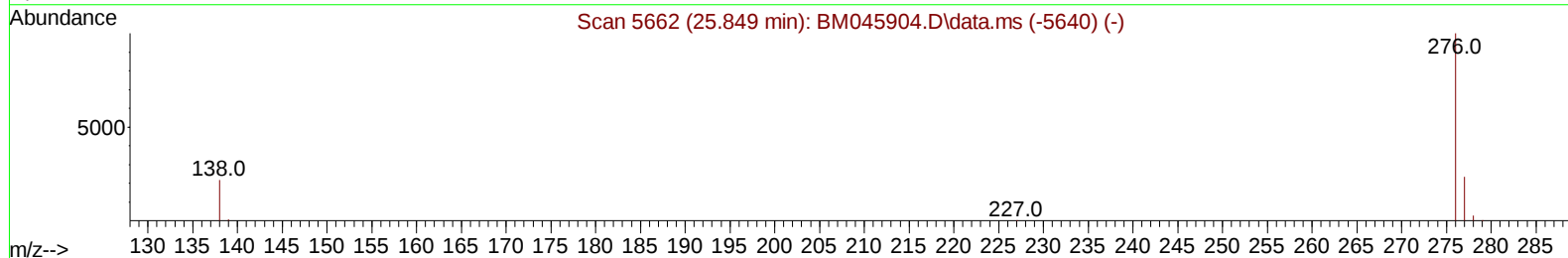
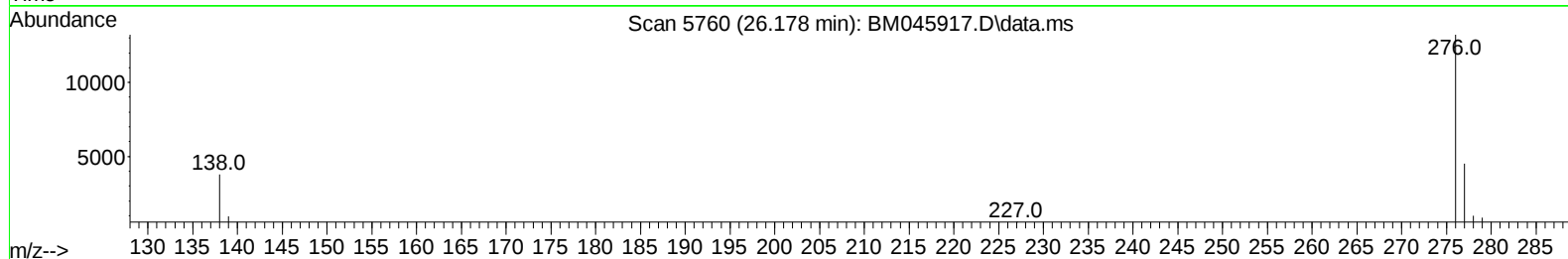
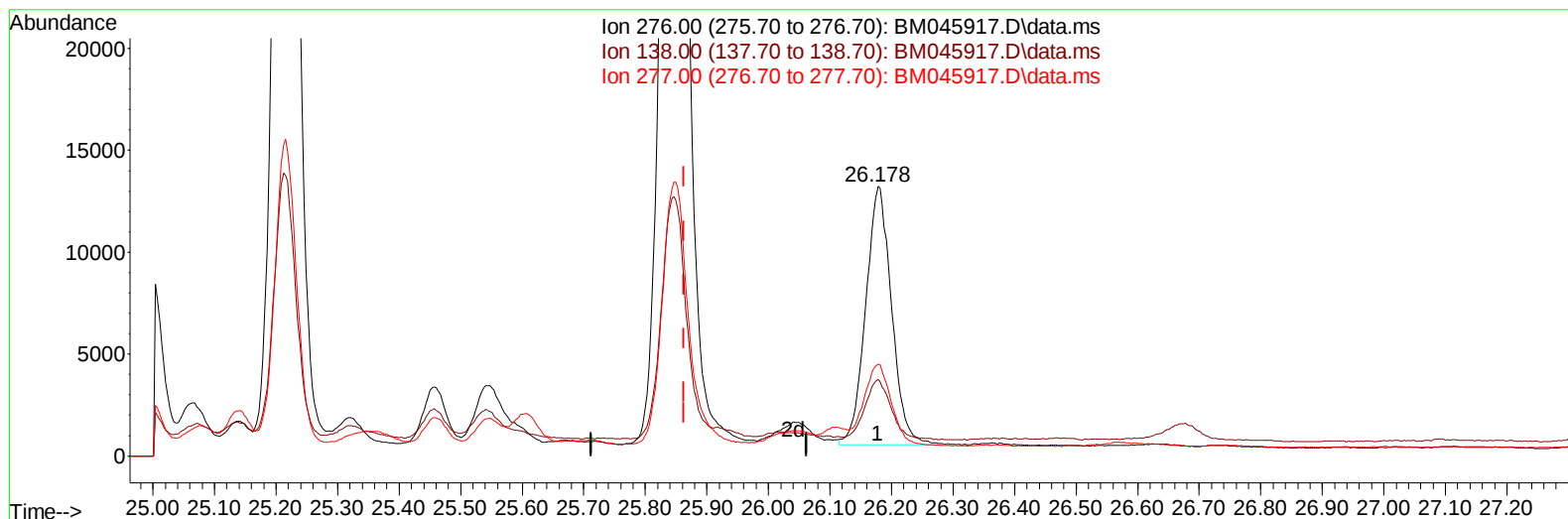
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

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TIC: BM045917.D\data.ms

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

26.178min (+ 0.315) 0.65 ng/u1

response 37168

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	28.47
277.00	25.60	34.13#
0.00	0.00	0.00

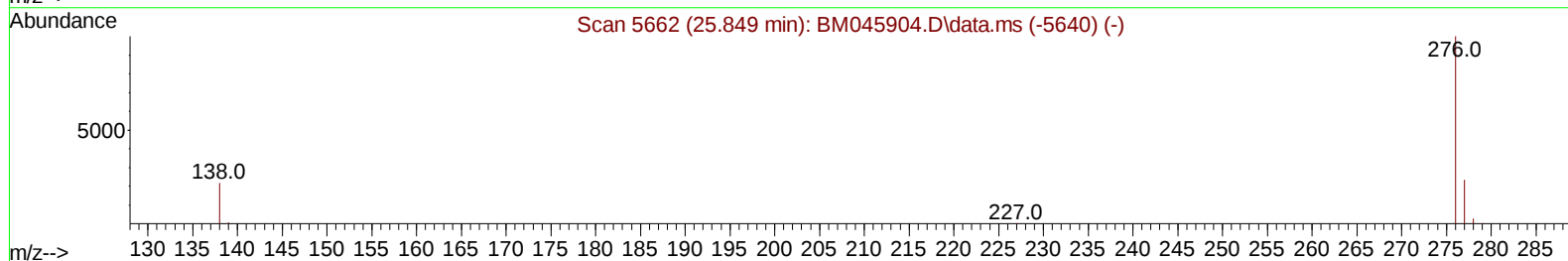
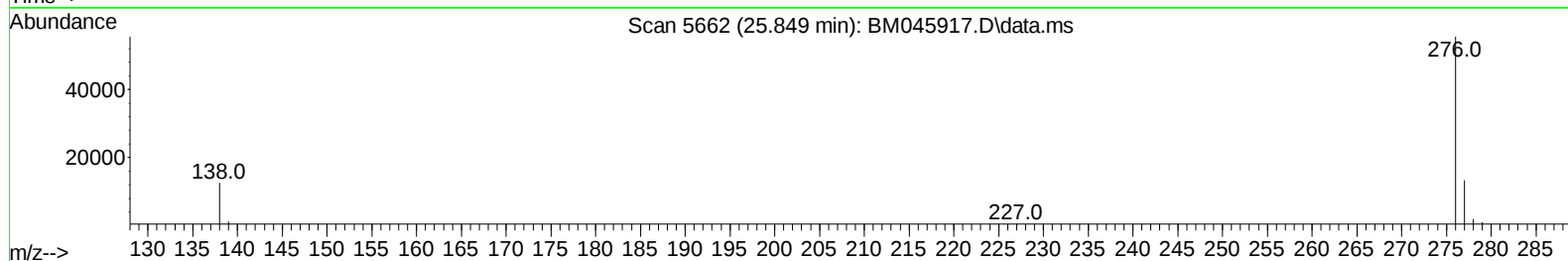
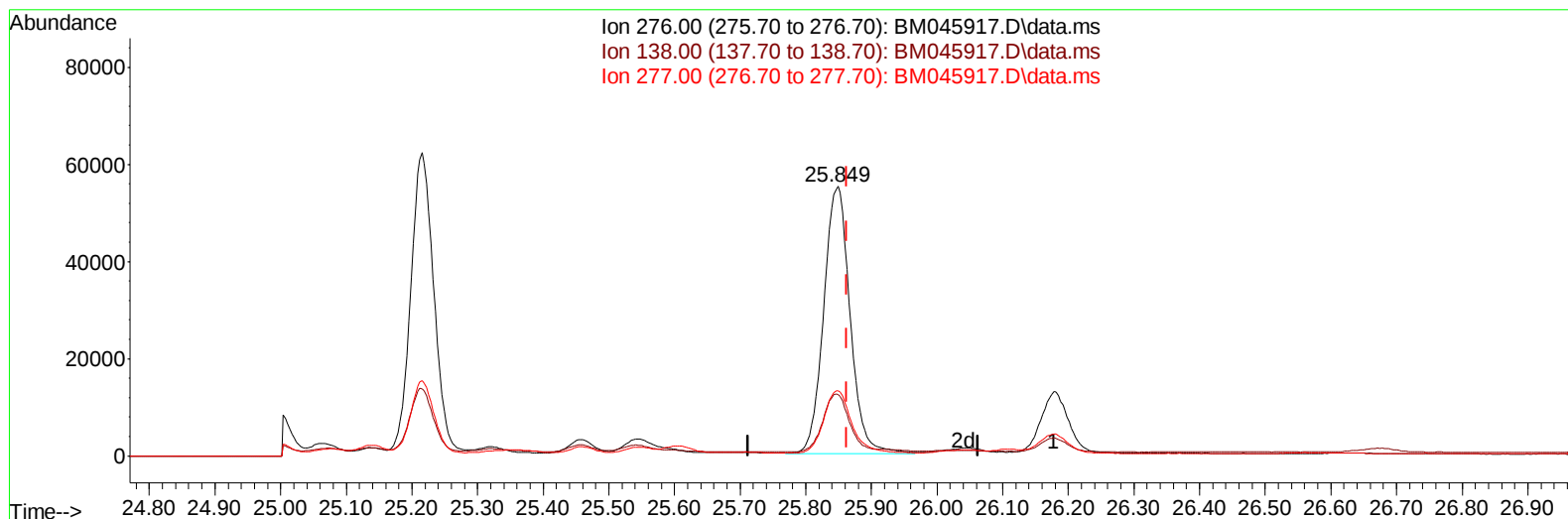
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045917.D
Acq On : 08 Jun 2024 15:40
Operator : MA/JU
Sample : P2640-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045917.D\data.ms

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

25.849min (-0.013) 2.72 ng/u1 m

response 154478

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	22.71
277.00	25.60	24.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045917.D
 Acq On : 08 Jun 2024 15:40
 Operator : MA/JU
 Sample : P2640-17
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C41

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	6502	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.233	136	22675	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	12449	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	27783m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.044	240	15765m	0.400	ng/ul	0.00
23) Perylene-d12	23.154	264	15463m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	30466	4.114	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.833	152	8823	0.271	ng/ul	-0.02
18) Fluoranthene-d10	18.881	212	18691m	0.396	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.277	128	14292	0.241	ng/ul	98
7) 2-Methylnaphthalene	11.910	142	7769	0.206	ng/ul	98
8) 1-Methylnaphthalene	12.130	142	6894	0.168	ng/ul	99
10) Acenaphthylene	13.822	152	30178	0.533	ng/ul	100
11) Acenaphthene	14.169	153	16239	0.390	ng/ul	98
12) Fluorene	15.159	166	23671	0.509	ng/ul	99
15) Phenanthrene	16.888	178	416879m	5.344	ng/ul	
16) Anthracene	16.981	178	77423m	1.164	ng/ul	
19) Fluoranthene	18.909	202	646705m	10.287	ng/ul	
20) Pyrene	19.276	202	543065m	8.281	ng/ul	
21) Benzo(a)anthracene	21.026	228	244689m	4.228	ng/ul	
22) Chrysene	21.082	228	252694m	4.011	ng/ul	
24) Benzo(b)fluoranthene	22.531	252	279814m	5.456	ng/ul	
25) Benzo(k)fluoranthene	22.566	252	105707m	1.876	ng/ul	
26) Benzo(a)pyrene	23.063	252	201670m	3.954	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.215	276	146744m	2.225	ng/ul	
28) Dibenzo(a,h)anthracene	25.222	278	34841m	0.661	ng/ul	
29) Benzo(g,h,i)perylene	25.849	276	154478m	2.716	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
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Operator : MA/JU
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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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A4C41

Manual IntegrationsAPPROVED

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