

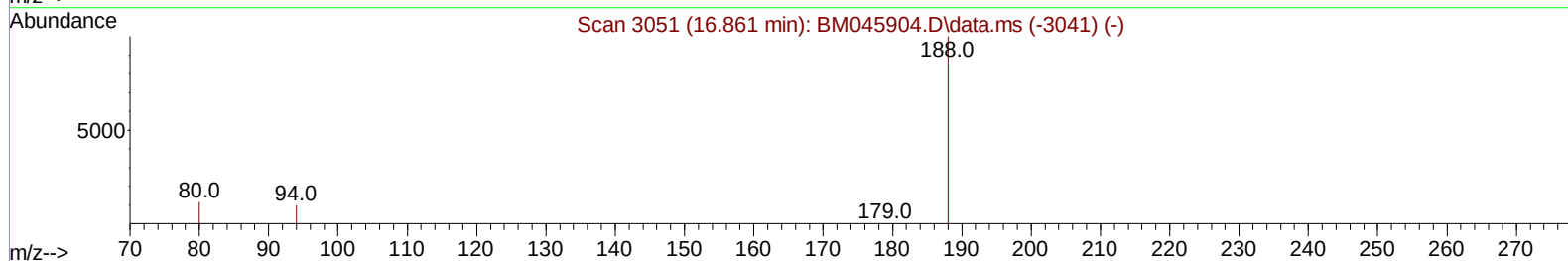
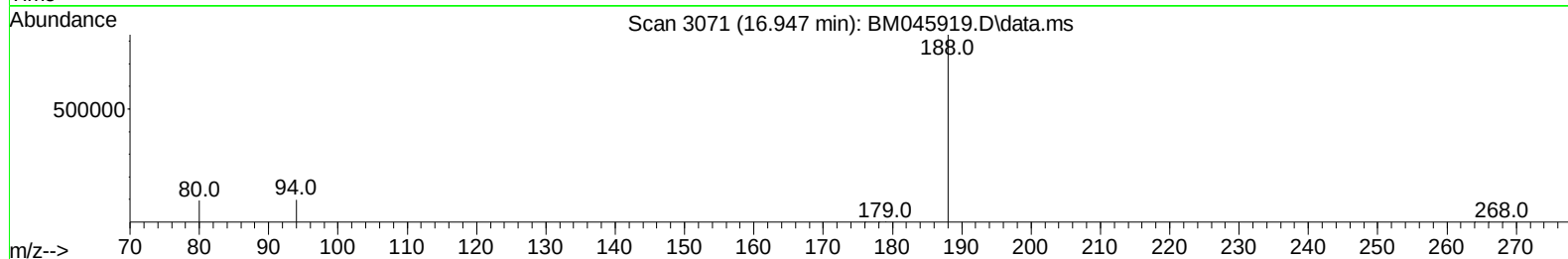
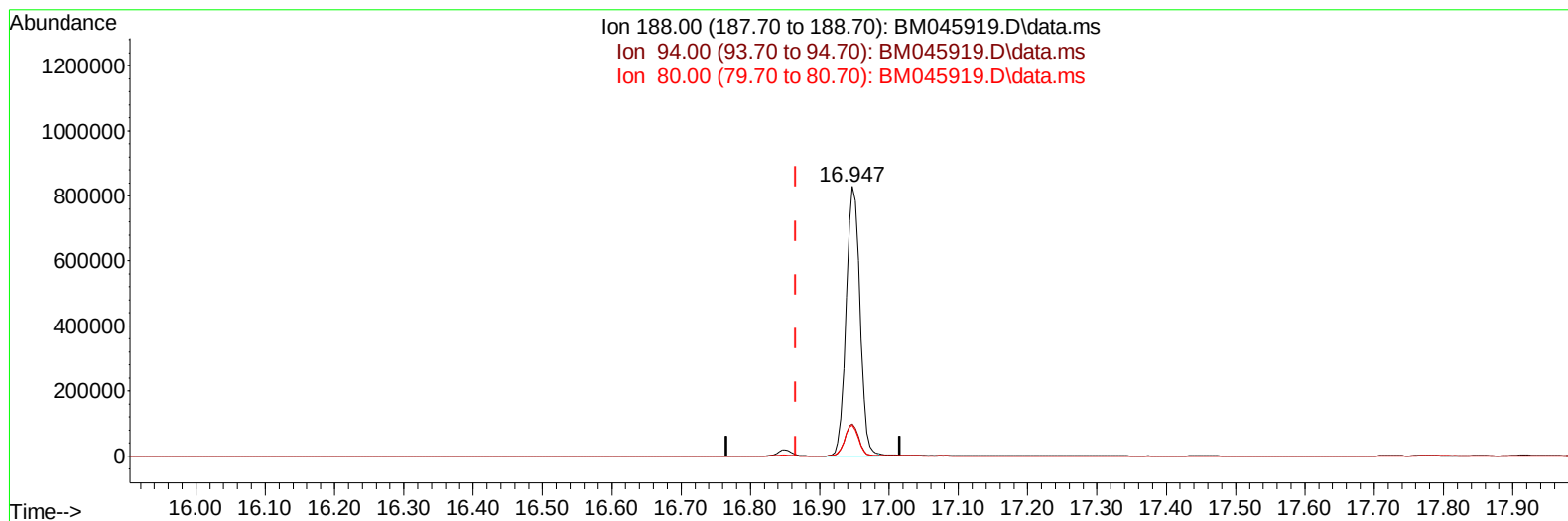
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(13) Phenanthrene-d10 (I)

16.947min (+ 0.081) 0.40 ng/u1

response 1146433

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	12.04
80.00	11.70	11.49
0.00	0.00	0.00

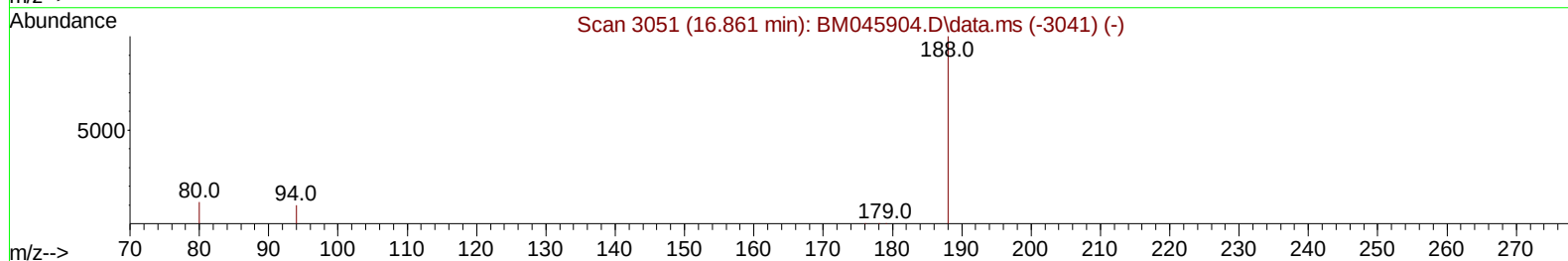
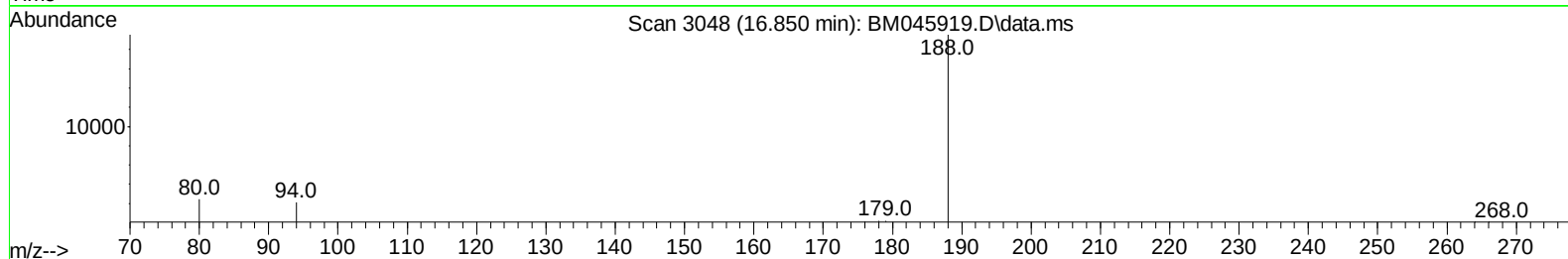
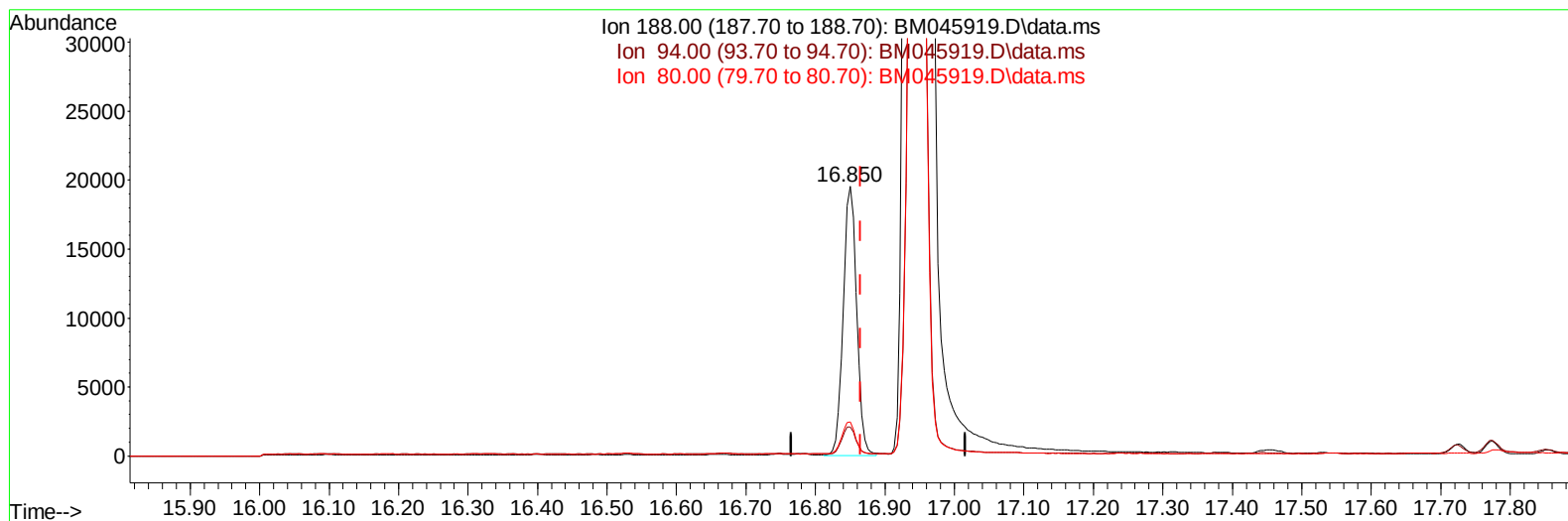
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 06/10/2024
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TIC: BM045919.D\data.ms

(13) Phenanthrene-d10 (I)

16.850min (-0.016) 0.40 ng/ul m

response 26221

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	10.79
80.00	11.70	12.53
0.00	0.00	0.00

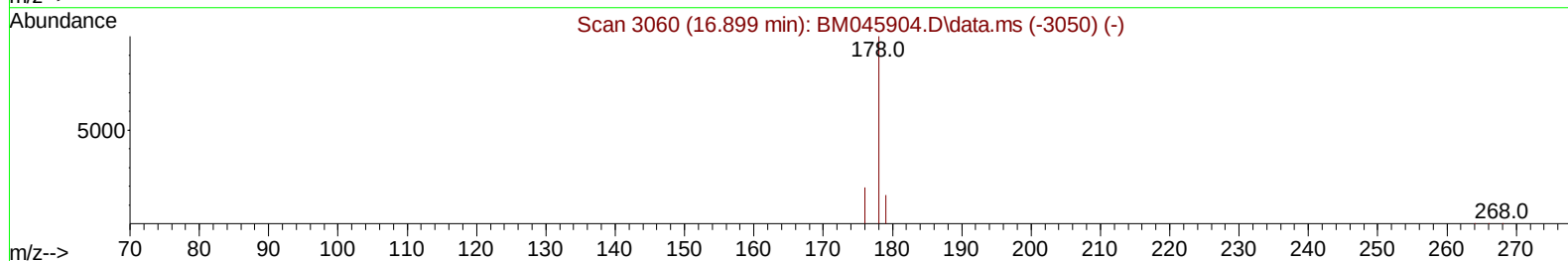
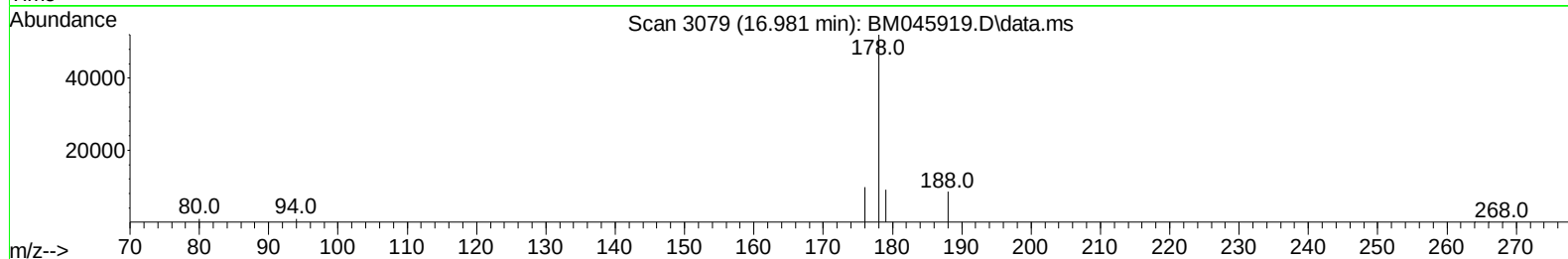
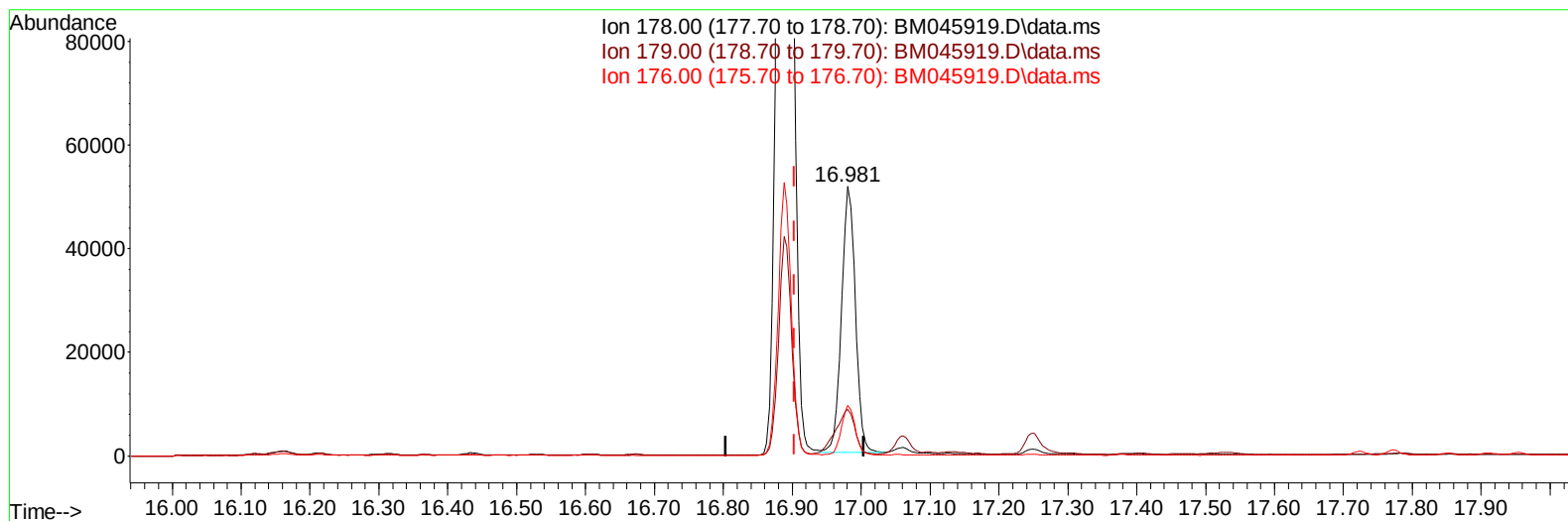
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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Reviewed By :Yogesh Patel 06/10/2024
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TIC: BM045919.D\data.ms

(15) Phenanthrene

16.981min (+ 0.077) 0.97 ng/u1

response 71429

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	17.31
176.00	19.50	18.85
0.00	0.00	0.00

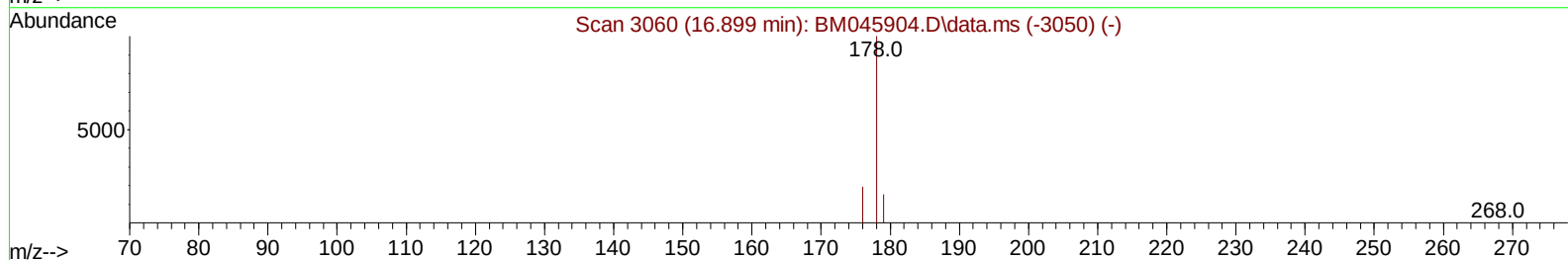
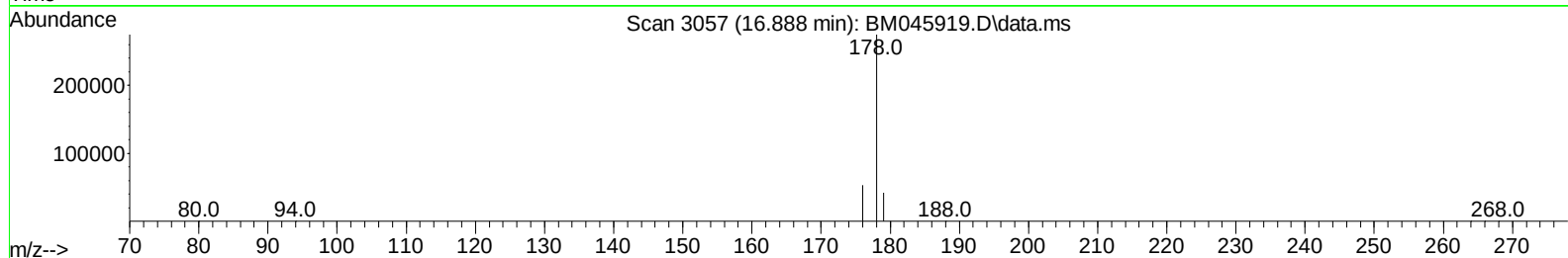
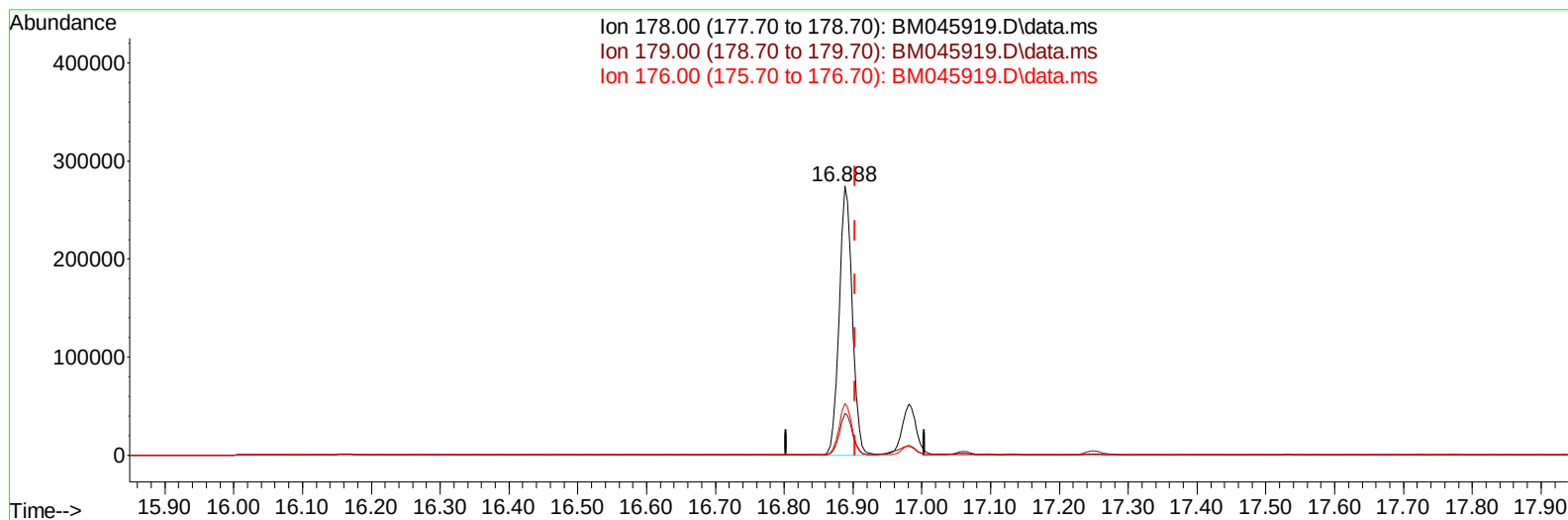
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 2024
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Reviewed By :Yogesh Patel 06/10/2024
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TIC: BM045919.D\data.ms

(15) Phenanthrene

16.888min (-0.016) 4.96 ng/ul m

response 364942

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.45
176.00	19.50	19.24
0.00	0.00	0.00

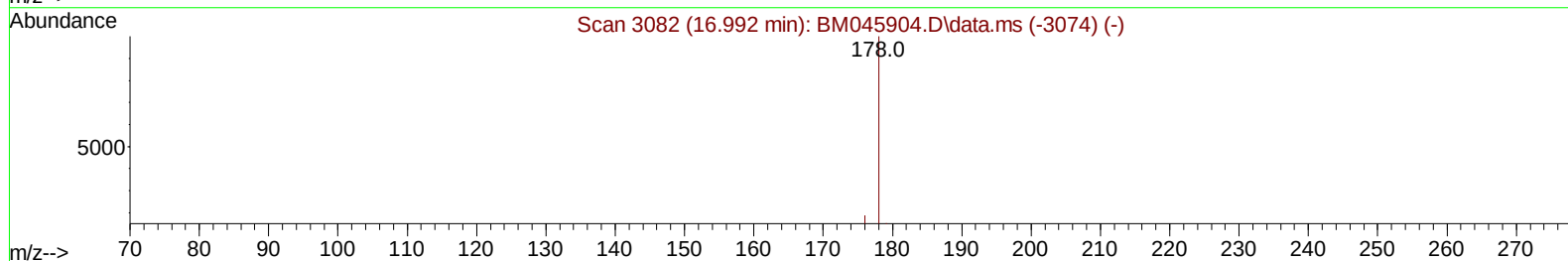
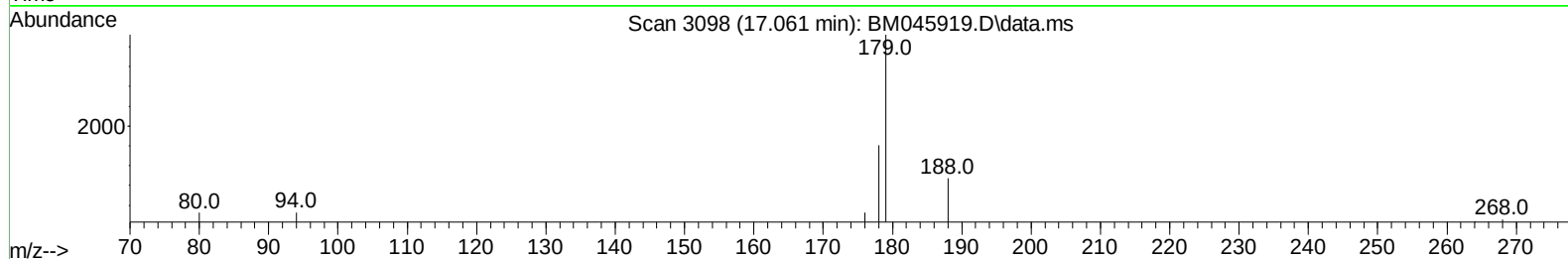
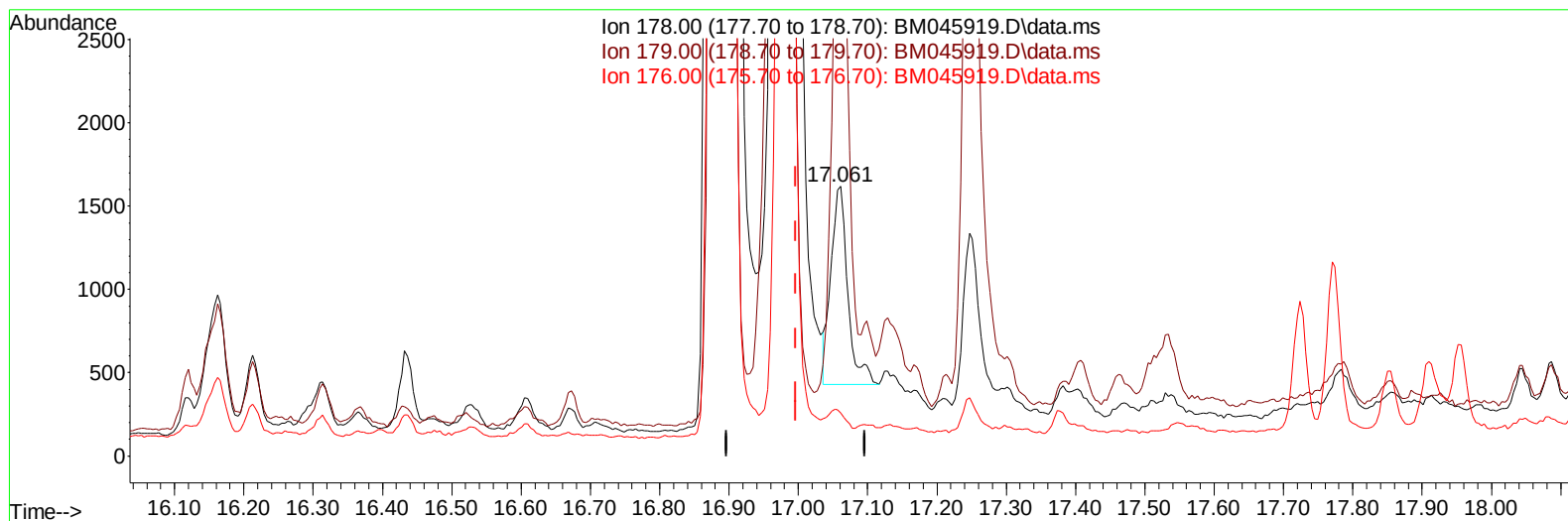
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 2024
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TIC: BM045919.D\data.ms

(16) Anthracene

17.061min (+ 0.065) 0.03 ng/ul

response 2005

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	237.45#
176.00	19.40	15.88
0.00	0.00	0.00

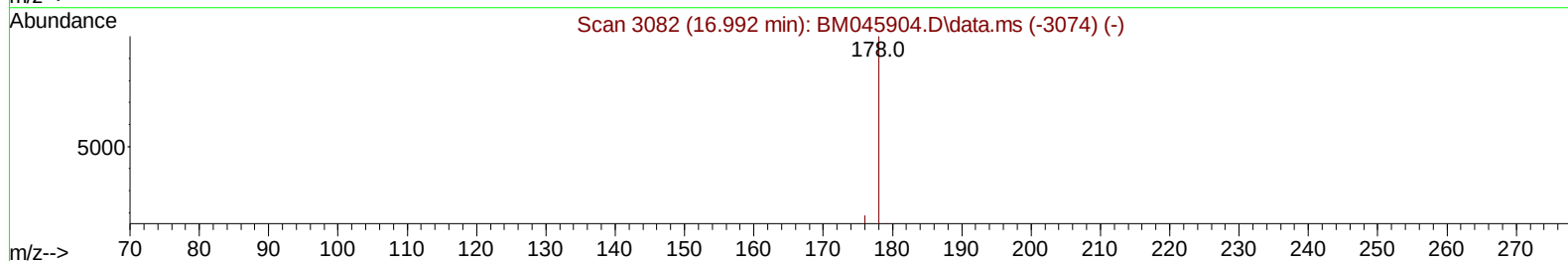
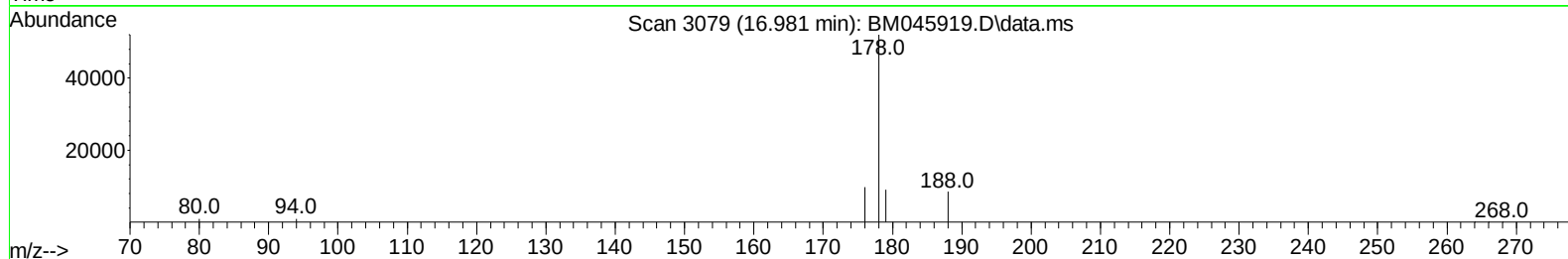
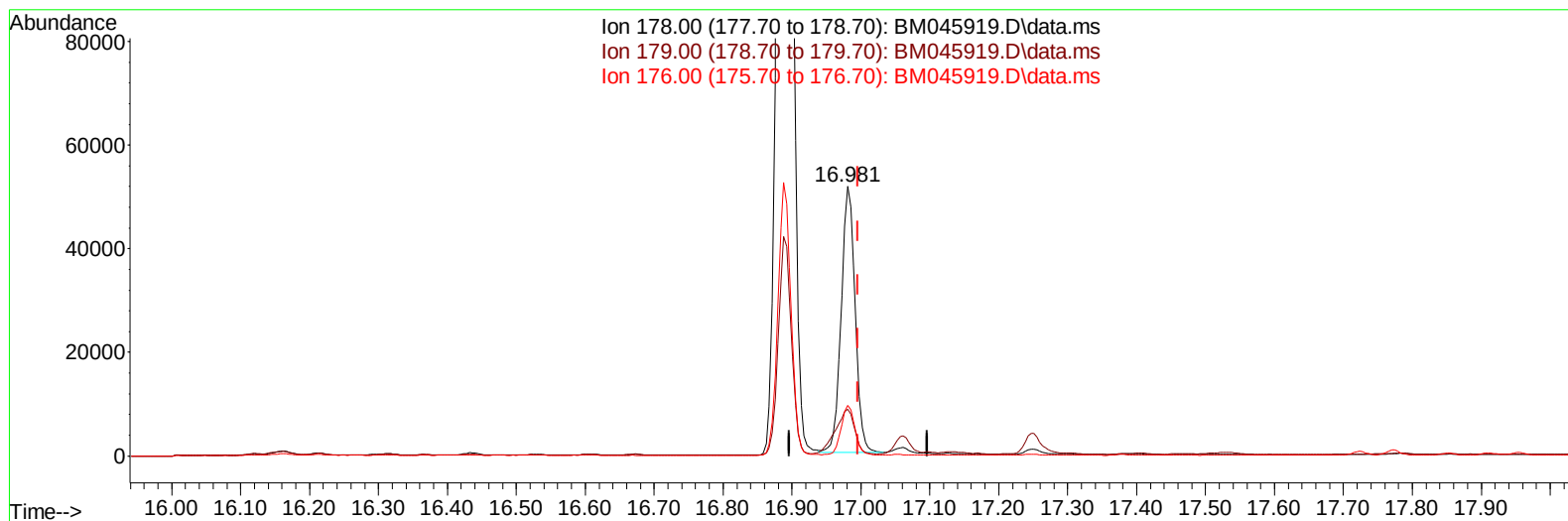
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

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TIC: BM045919.D\data.ms

(16) Anthracene

16.981min (-0.016) 1.14 ng/ul m

response 71630

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	17.31
176.00	19.40	18.85
0.00	0.00	0.00

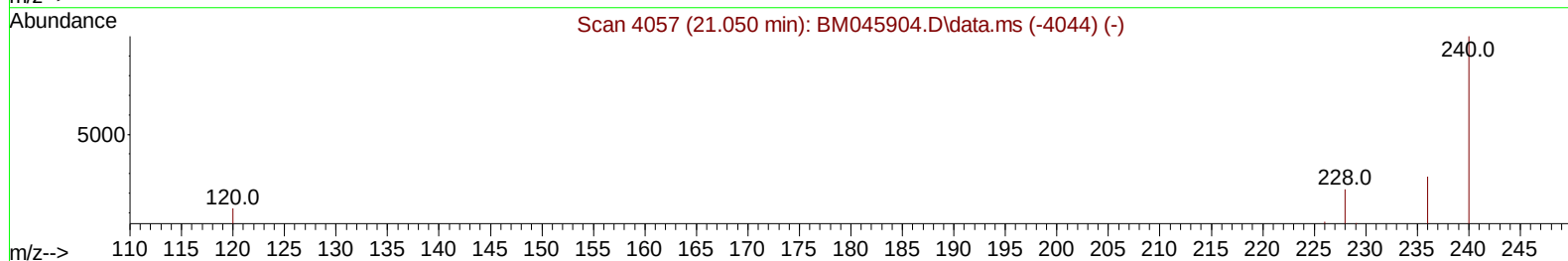
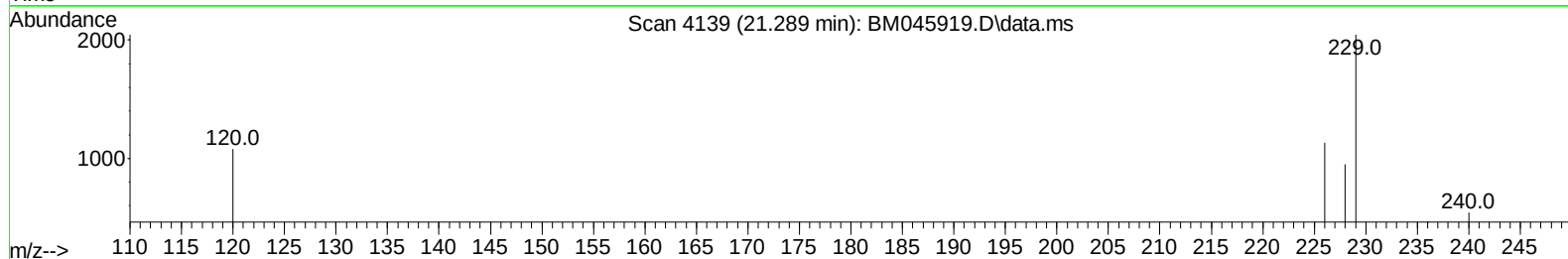
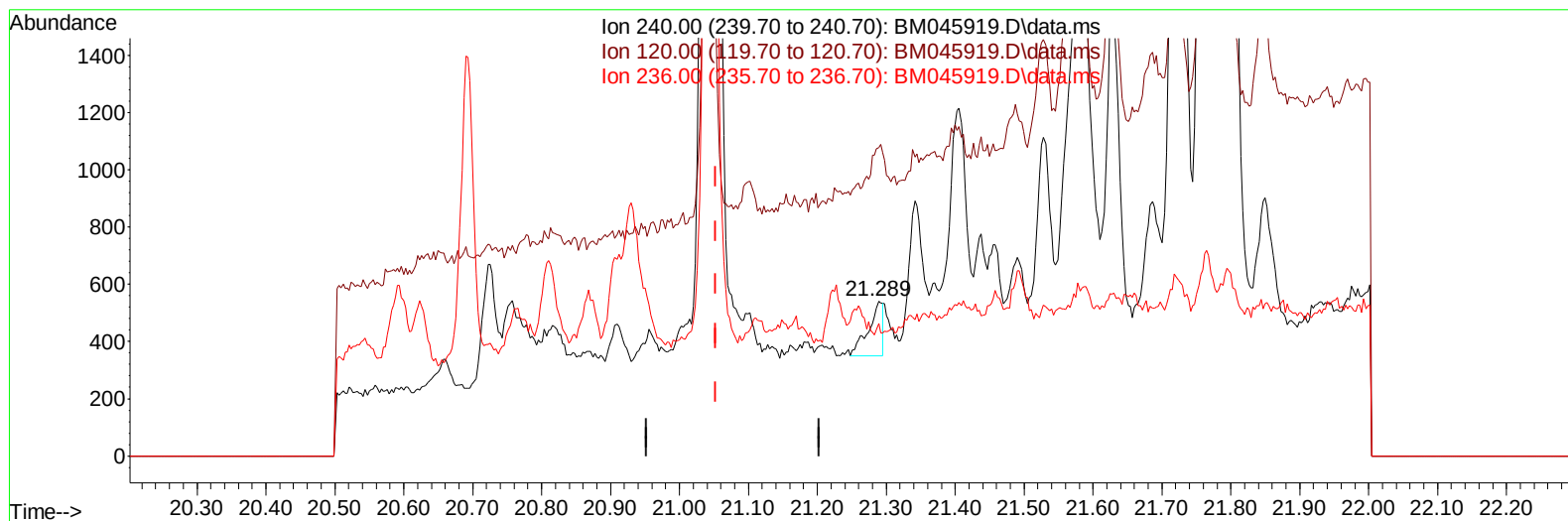
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

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TIC: BM045919.D\data.ms

(17) Chrysene-d12

21.289min (+ 0.236) 0.40 ng/u1

response 278

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	199.26#
236.00	29.50	85.58#
0.00	0.00	0.00

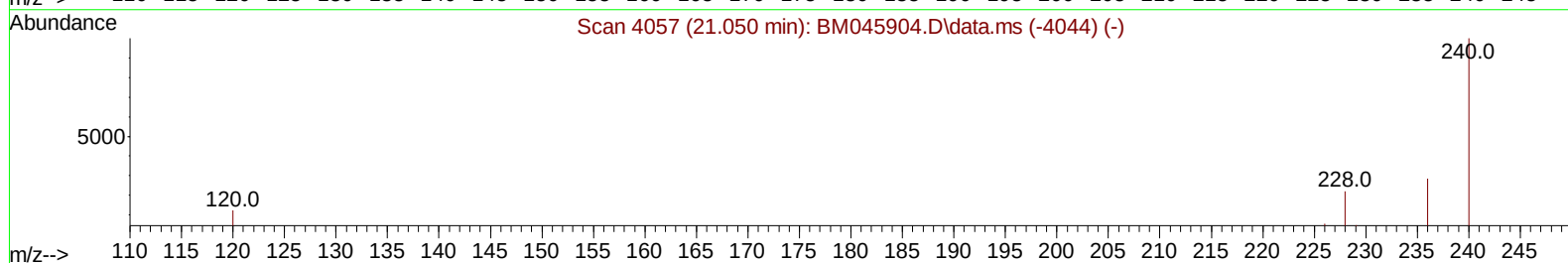
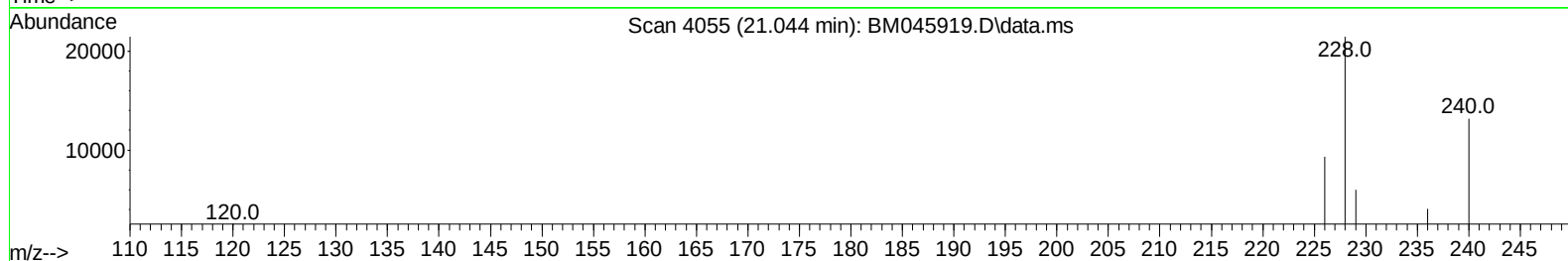
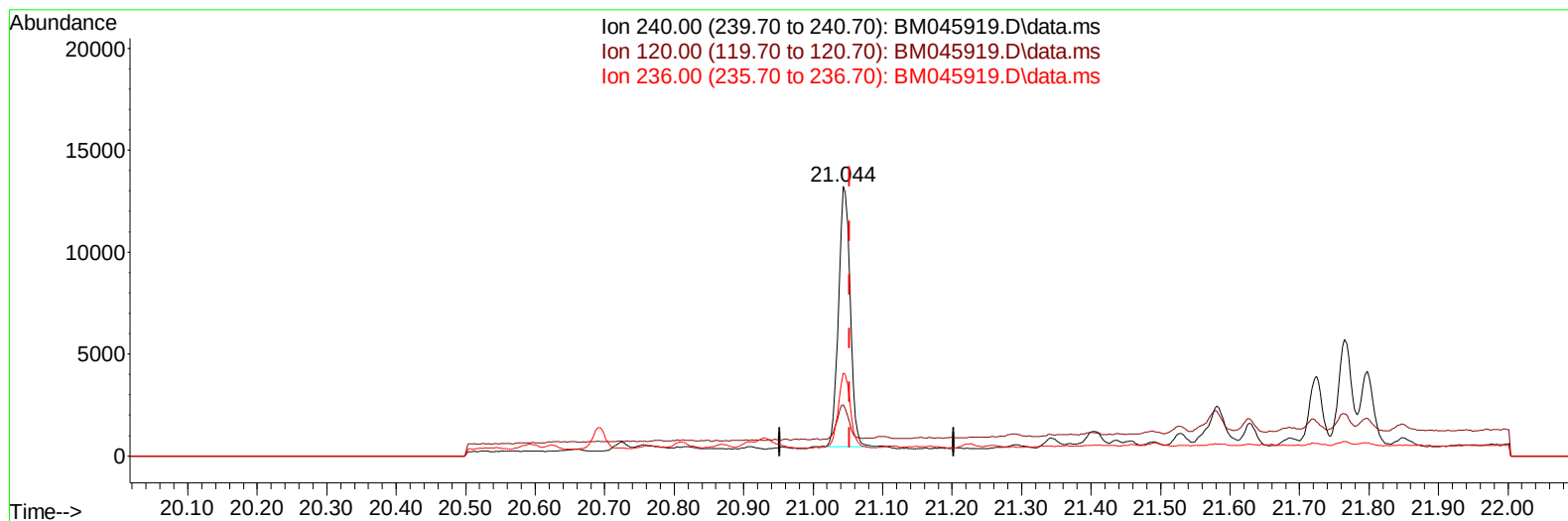
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(17) Chrysene-d12

21.044min (-0.009) 0.40 ng/ul m

response 14987

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	18.95
236.00	29.50	30.78
0.00	0.00	0.00

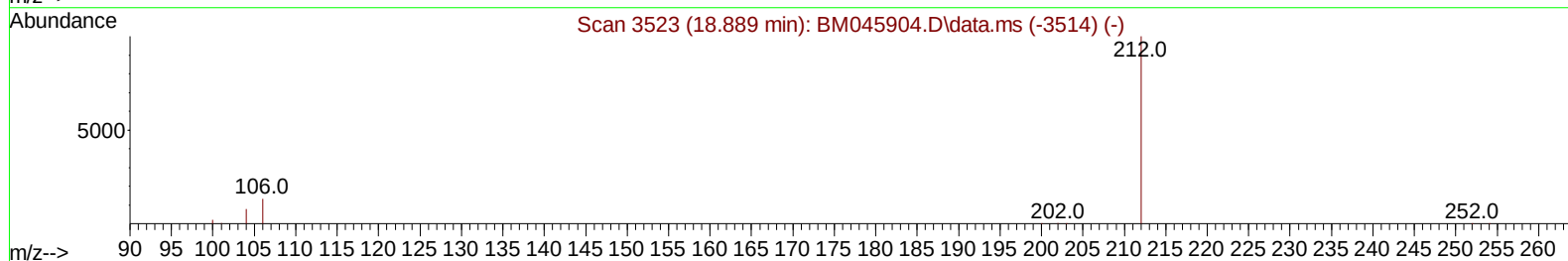
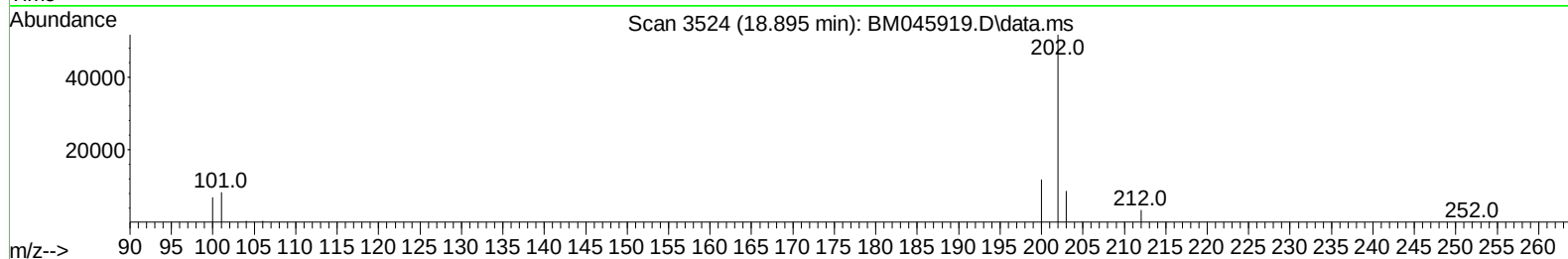
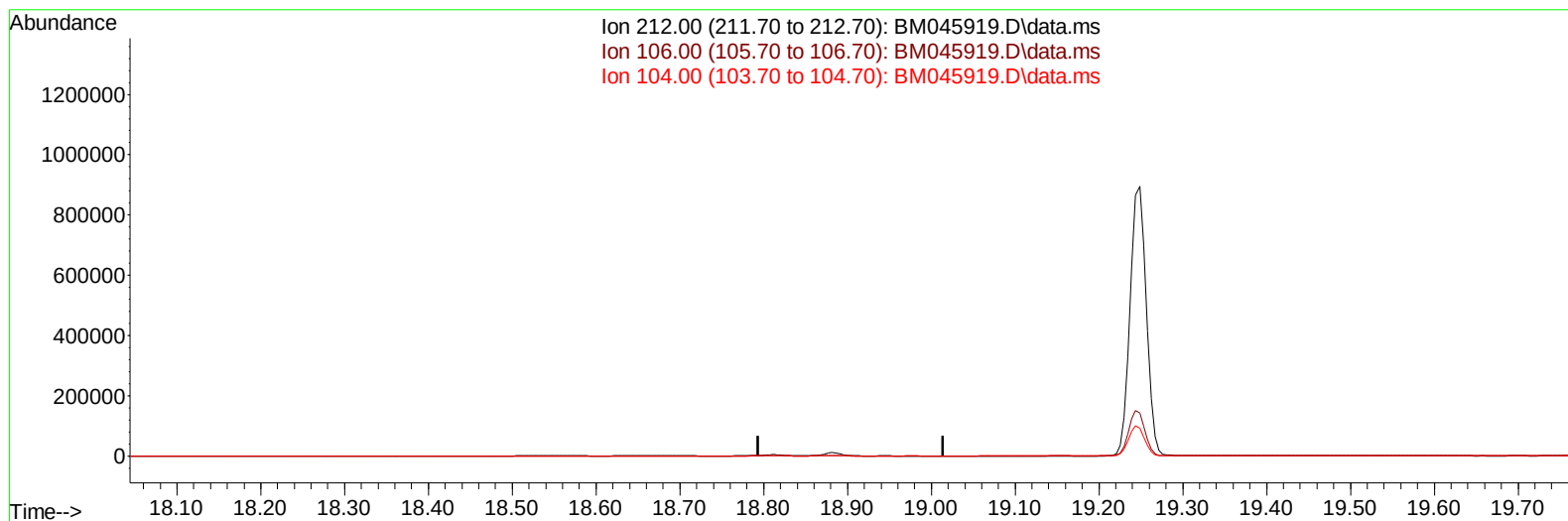
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

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TIC: BM045919.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.894min (-18.894) 0.00 ng/u1

response 0

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

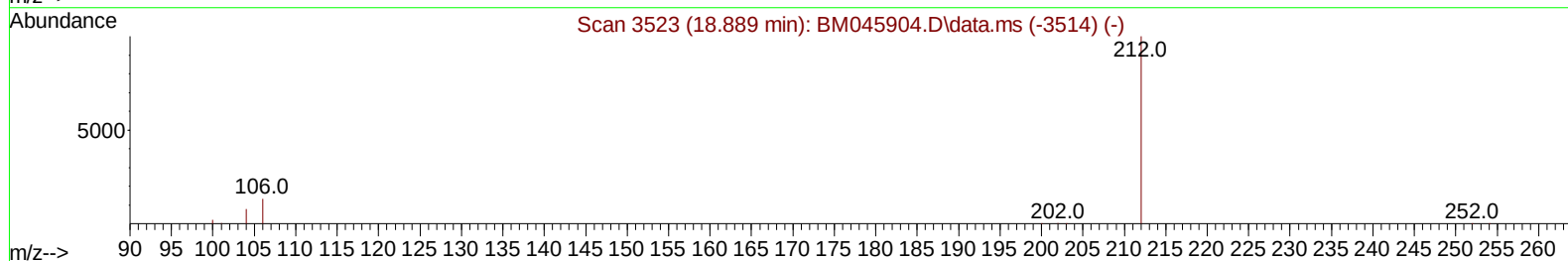
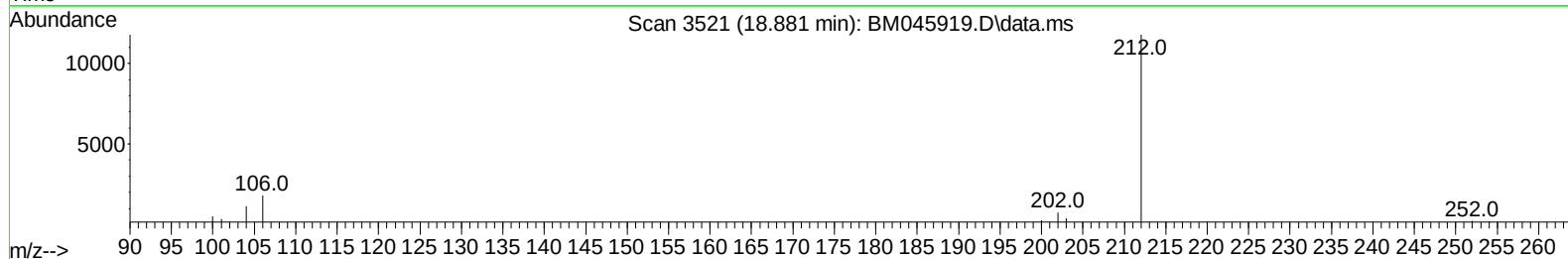
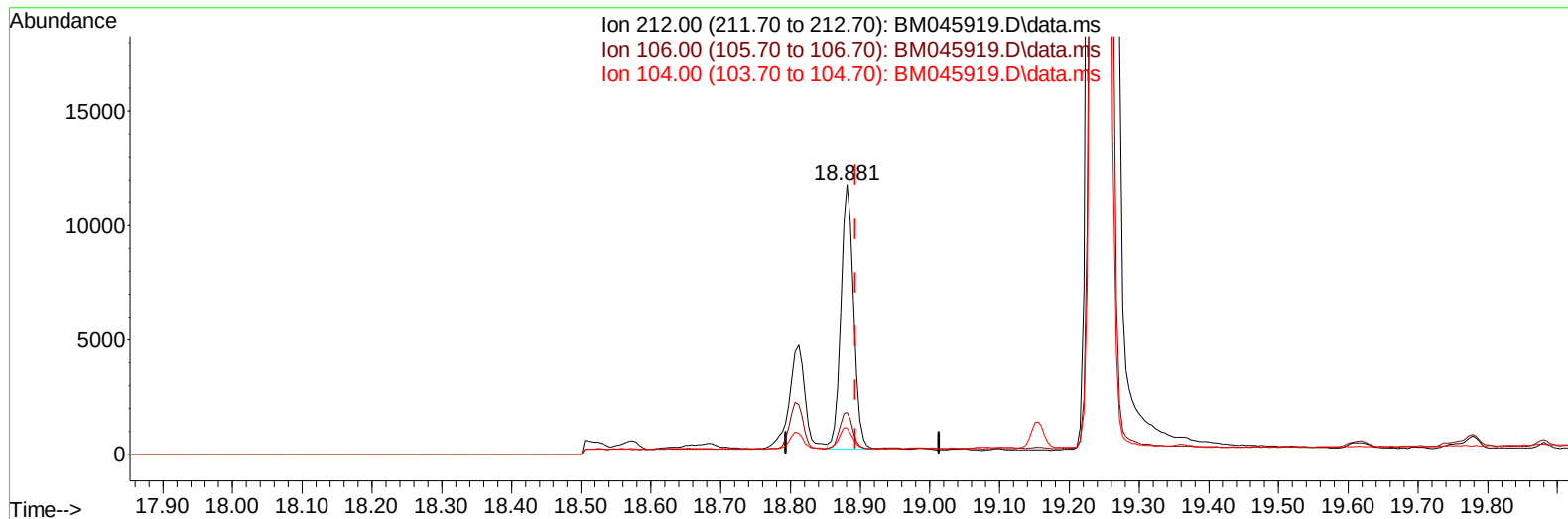
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 2024
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TIC: BM045919.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.881min (-0.013) 0.33 ng/ul m

response 14757

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

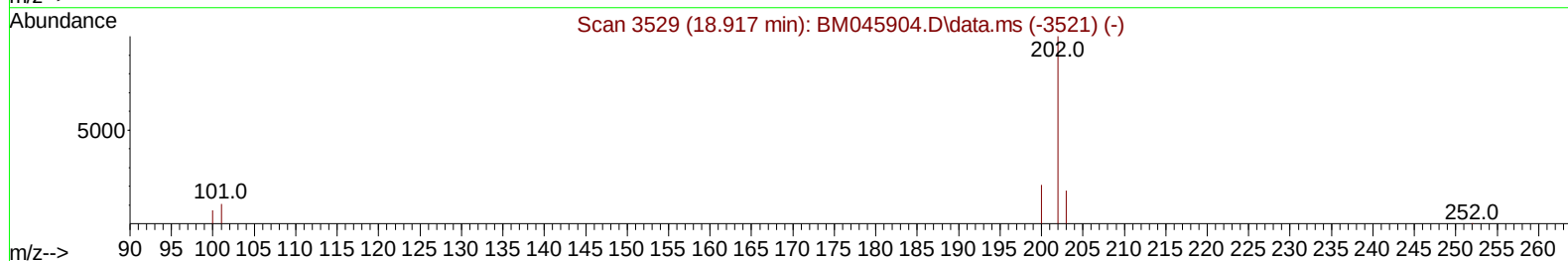
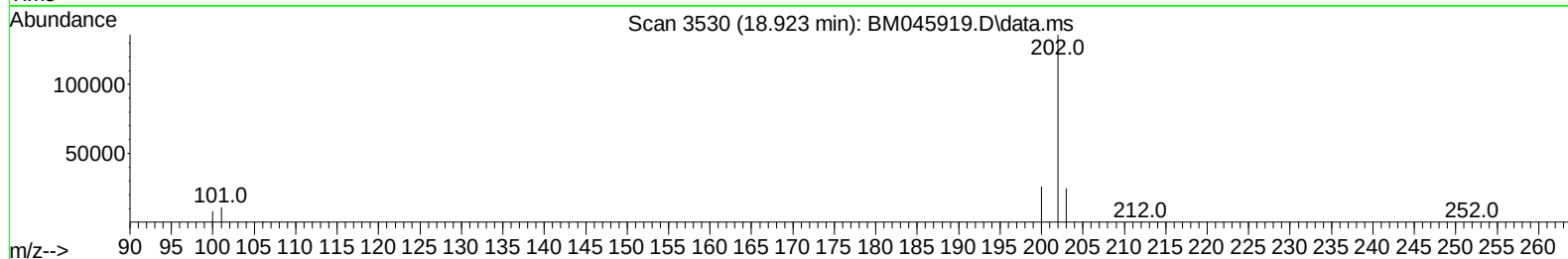
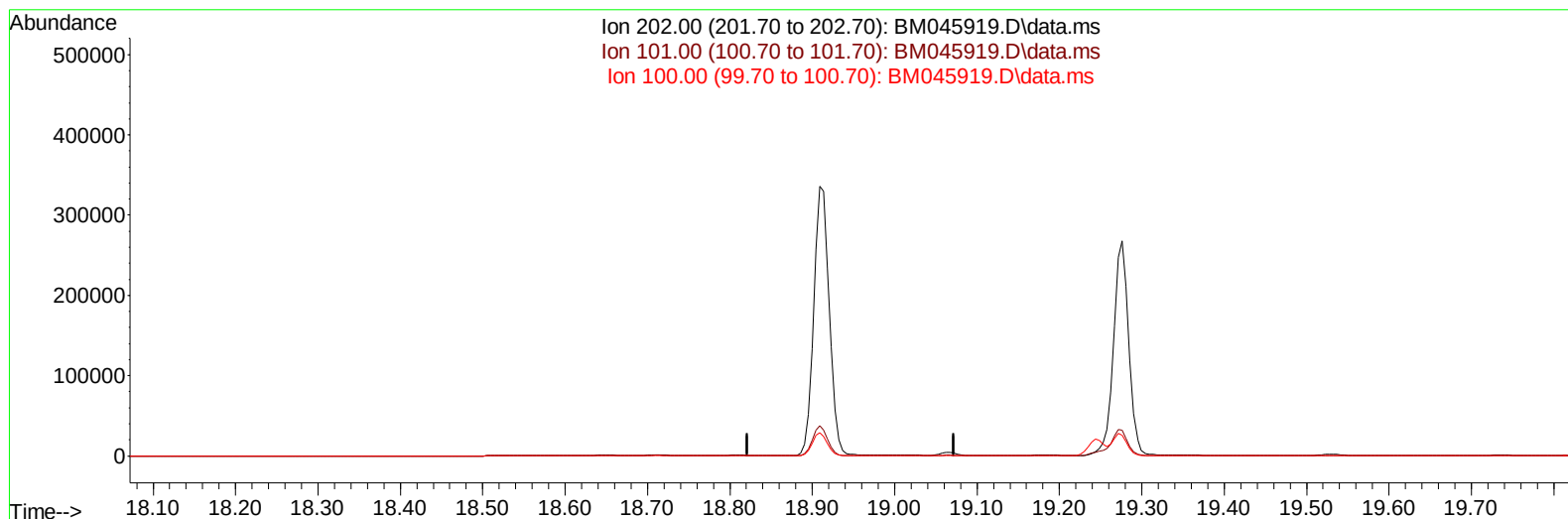
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

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TIC: BM045919.D\data.ms

(19) Fluoranthene (C)

18.922min (-18.922) 0.00 ng/ul

response 0

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

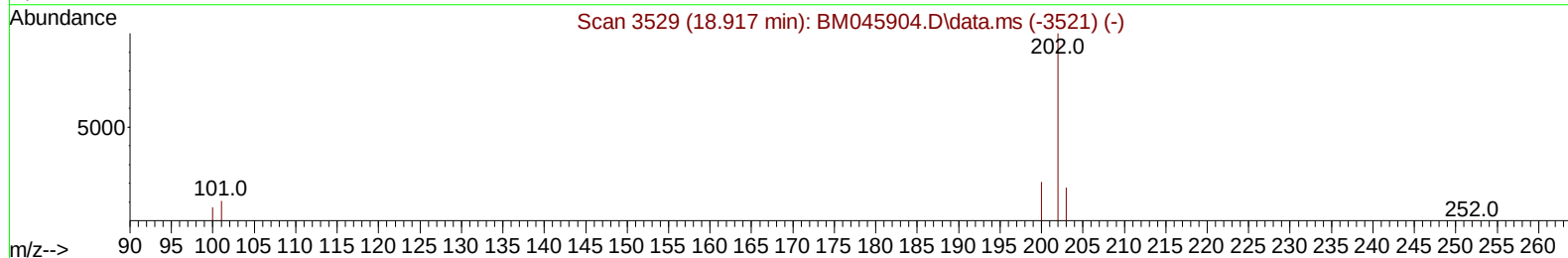
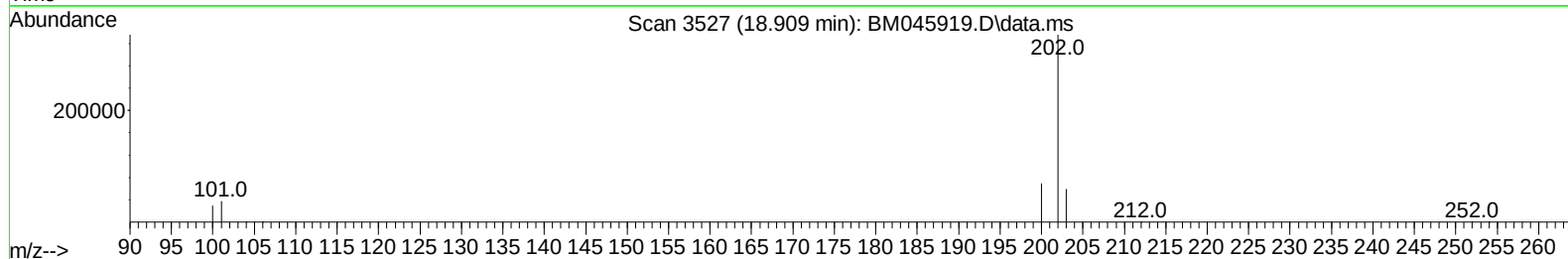
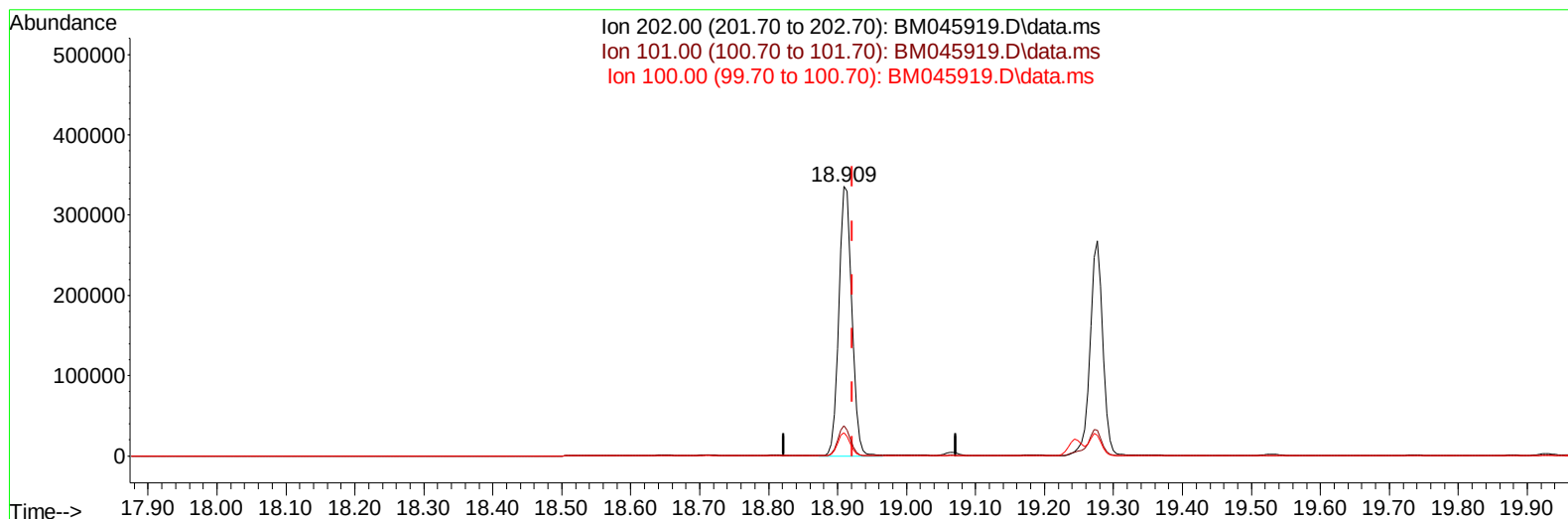
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 2024
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TIC: BM045919.D\data.ms

(19) Fluoranthene (C)

18.909min (-0.013) 7.42 ng/ul m

response 443395

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	11.16
100.00	8.80	8.72
0.00	0.00	0.00

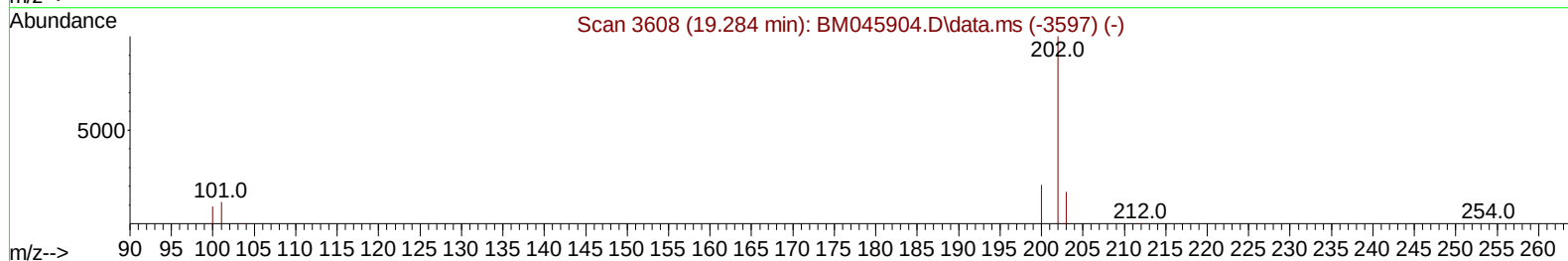
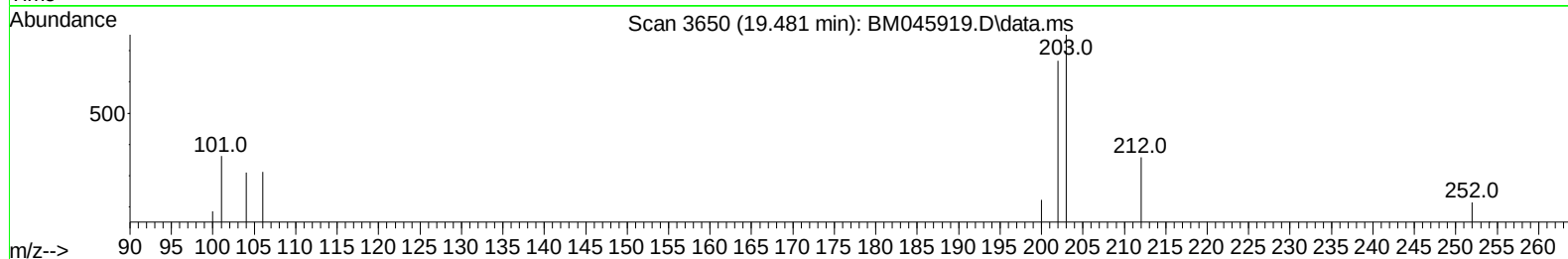
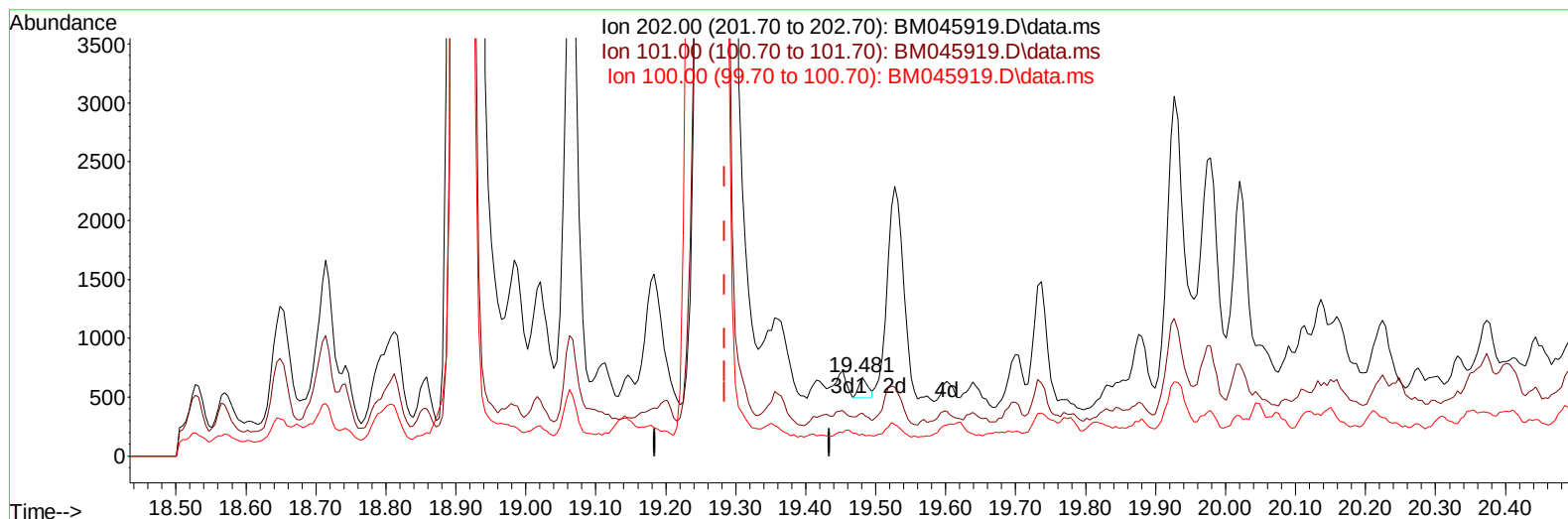
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045919.D\data.ms

(20) Pyrene

19.481min (+ 0.196) 0.00 ng/u1

response 167

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	54.42#
100.00	11.40	28.04#
0.00	0.00	0.00

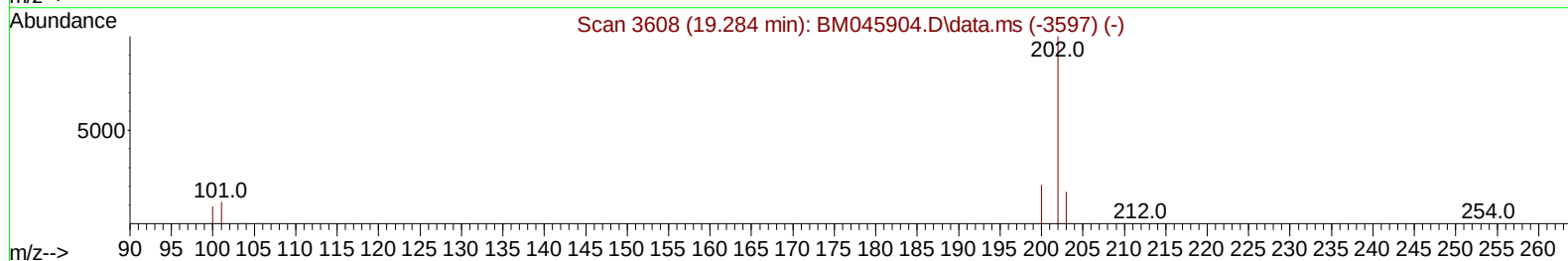
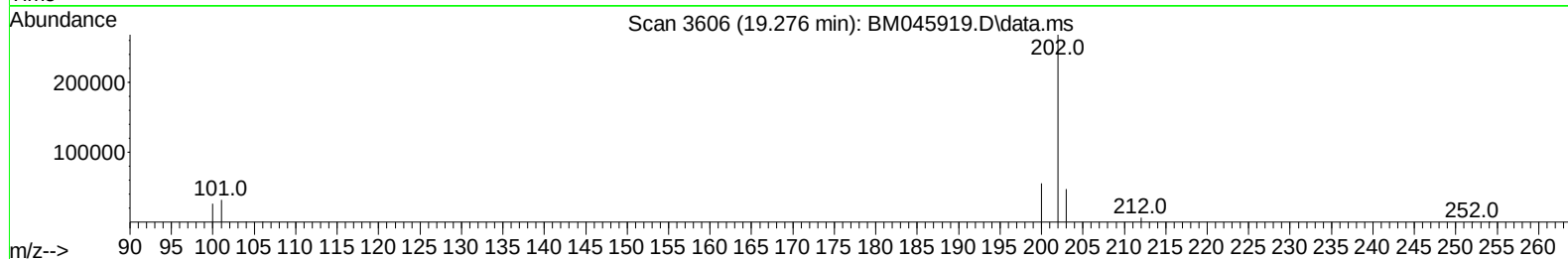
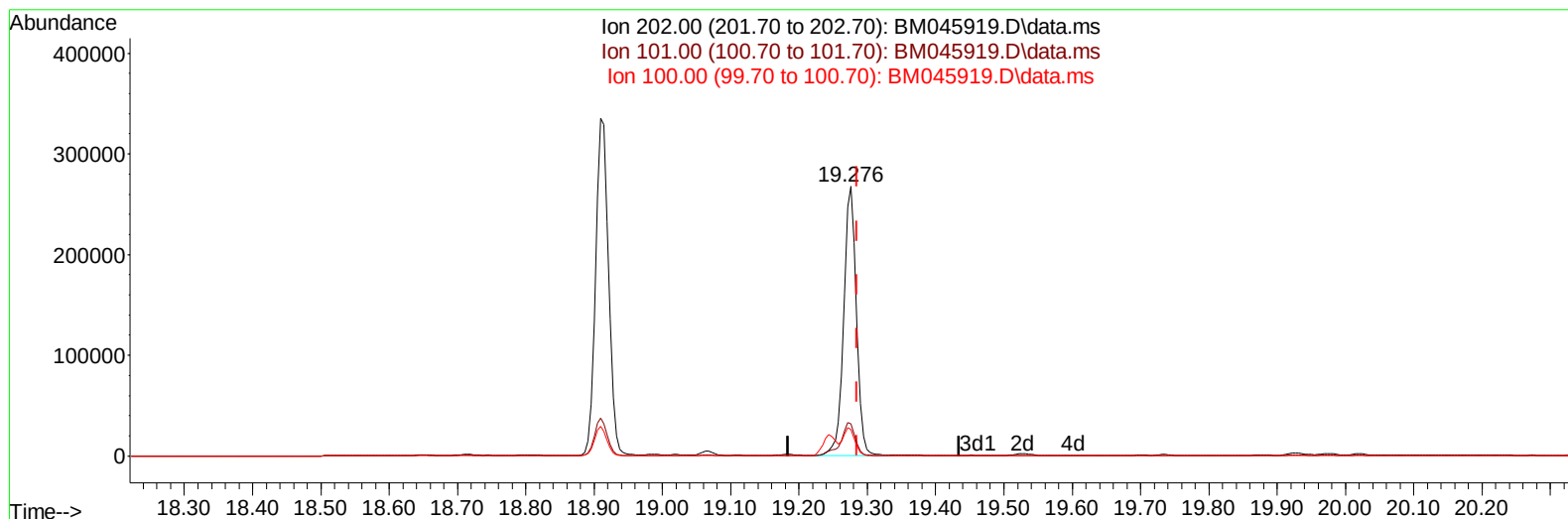
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(20) Pyrene

19.276min (-0.008) 5.53 ng/ul m

response 344560

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	11.87
100.00	11.40	9.74
0.00	0.00	0.00

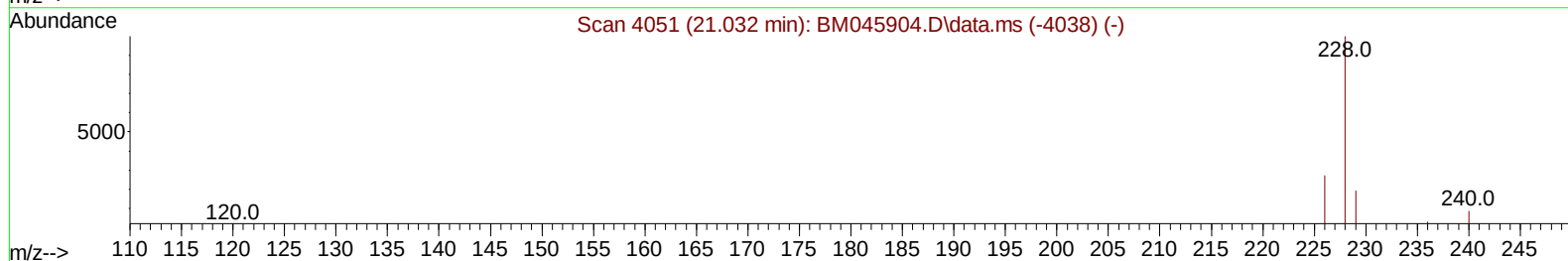
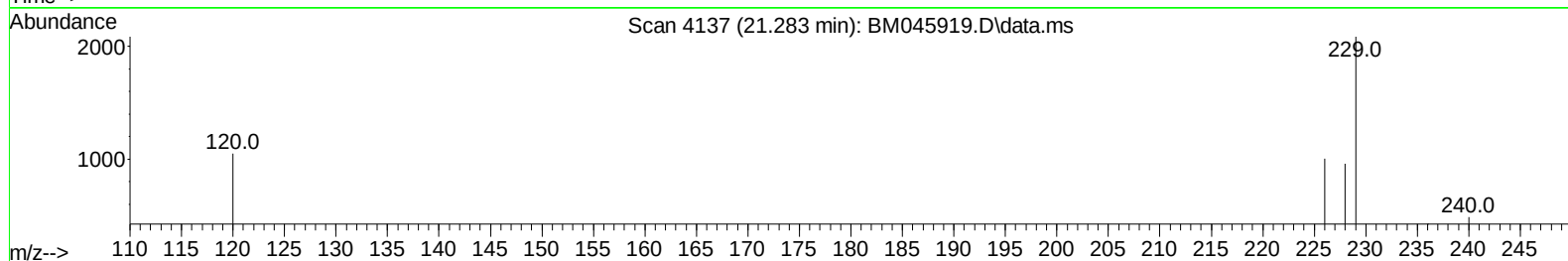
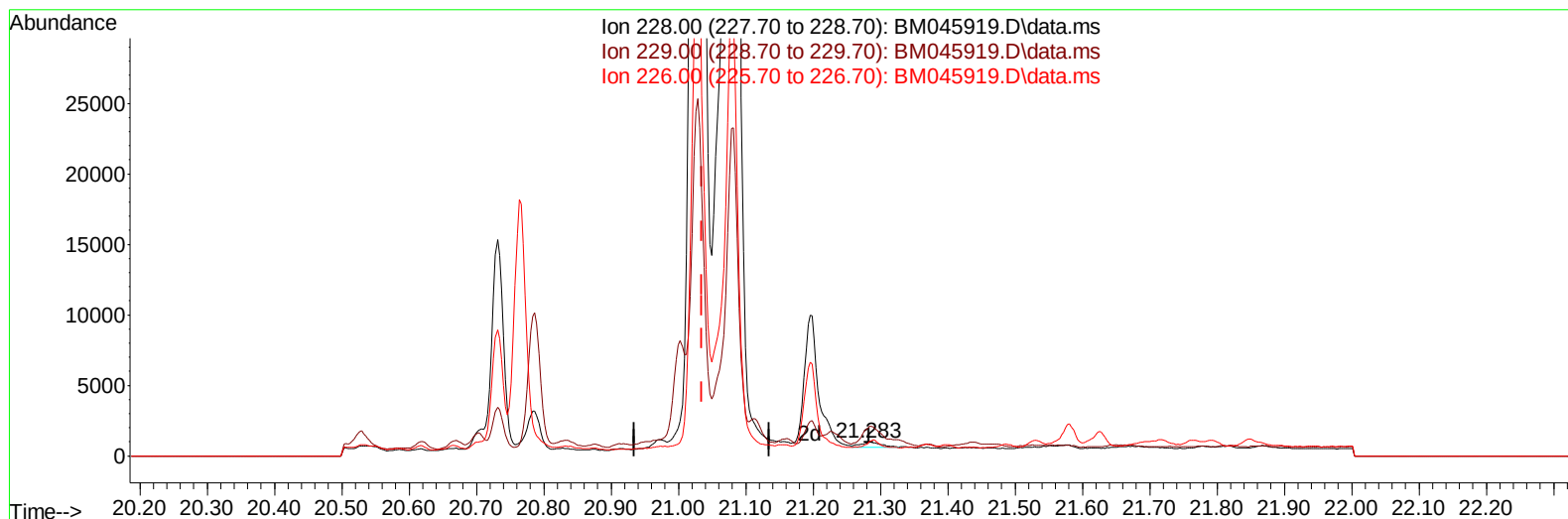
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(21) Benzo(a)anthracene

21.283min (+ 0.248) 0.01 ng/u1

response 705

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	217.29#
226.00	27.50	104.48#
0.00	0.00	0.00

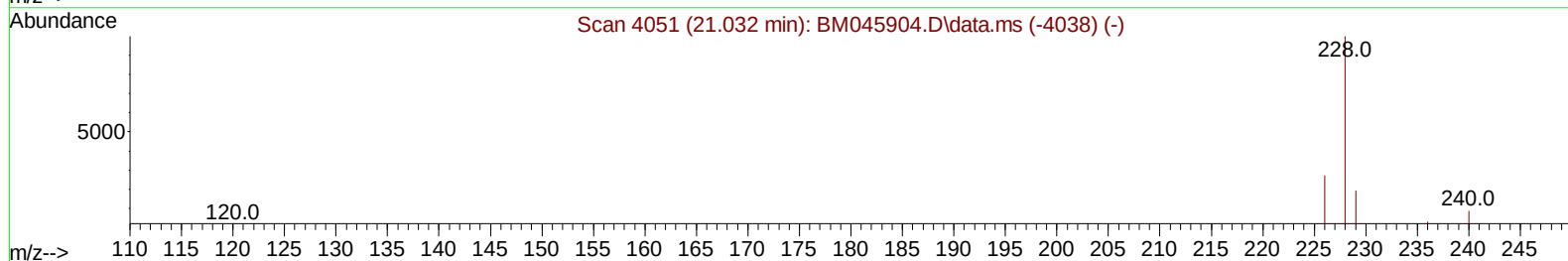
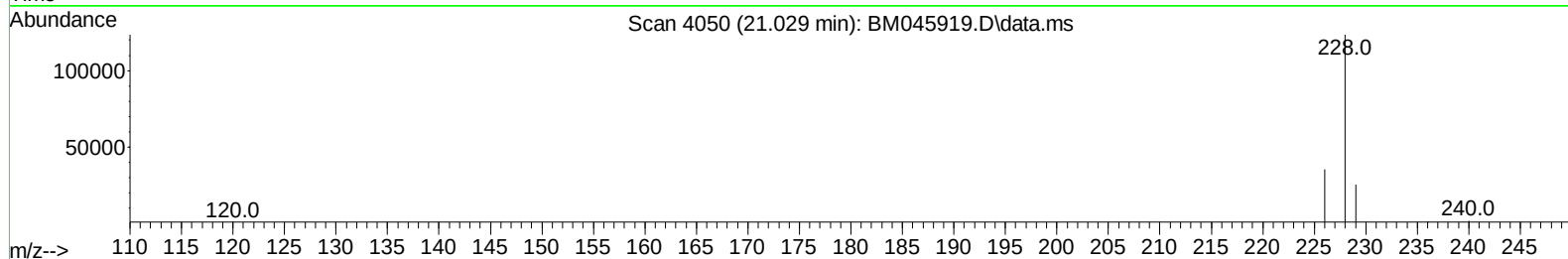
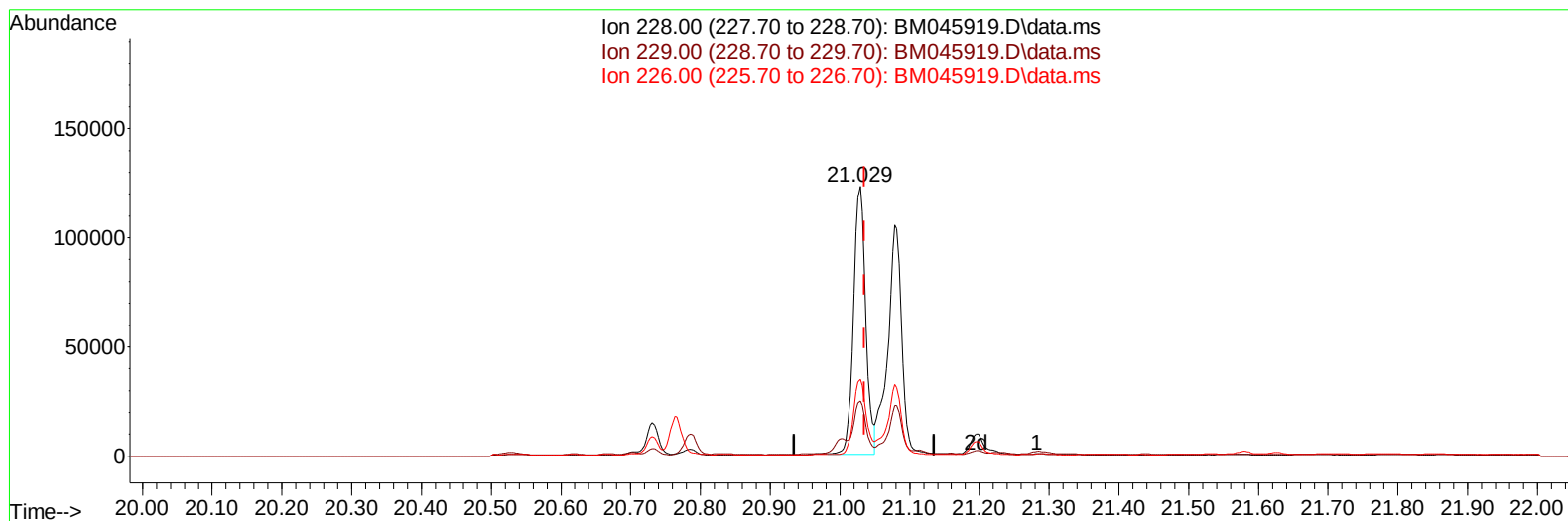
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(21) Benzo(a)anthracene

21.029min (-0.006) 2.72 ng/u1 m

response 149893

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.53
226.00	27.50	28.55
0.00	0.00	0.00

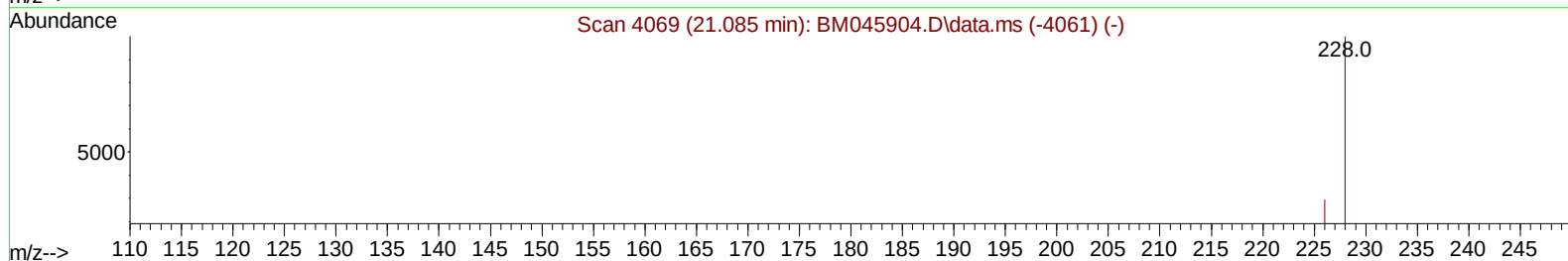
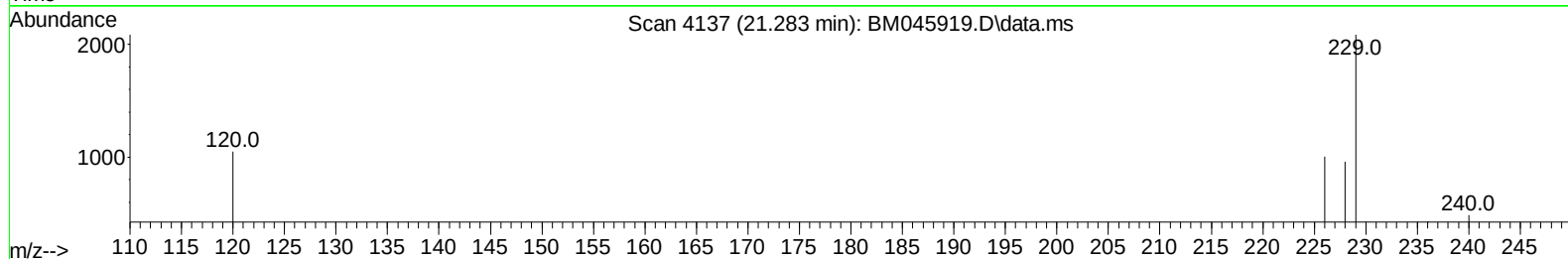
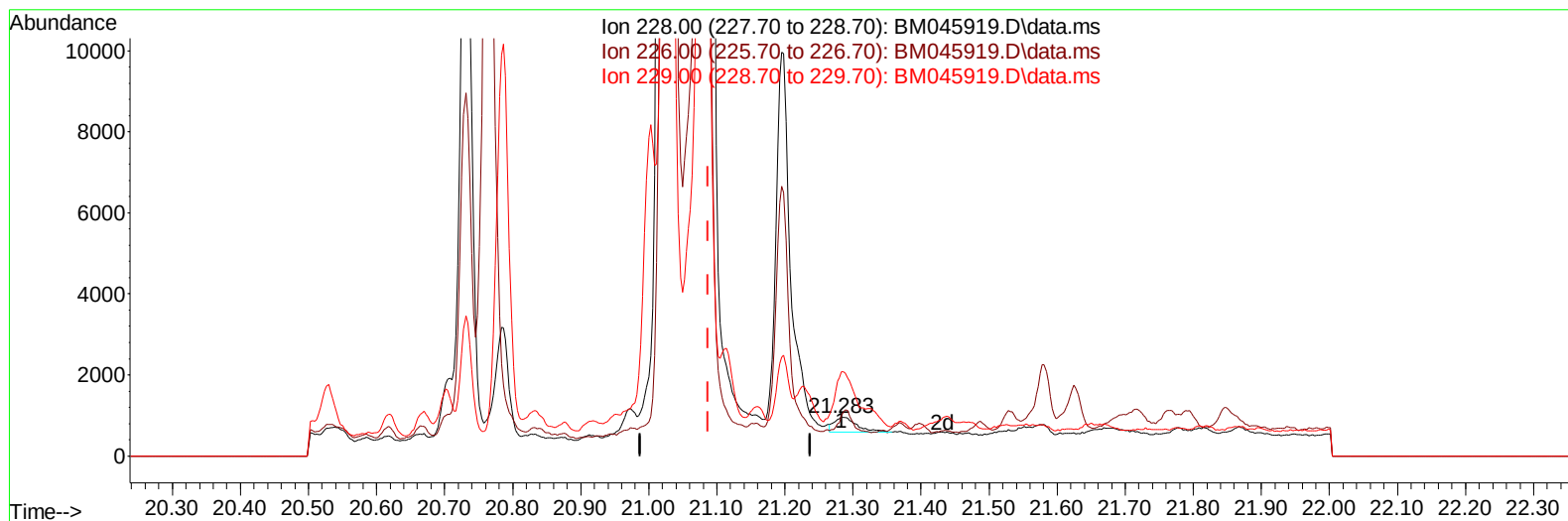
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(22) Chrysene

21.283min (+ 0.195) 0.01 ng/u1

response 873

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	104.48#
229.00	20.20	217.29#
0.00	0.00	0.00

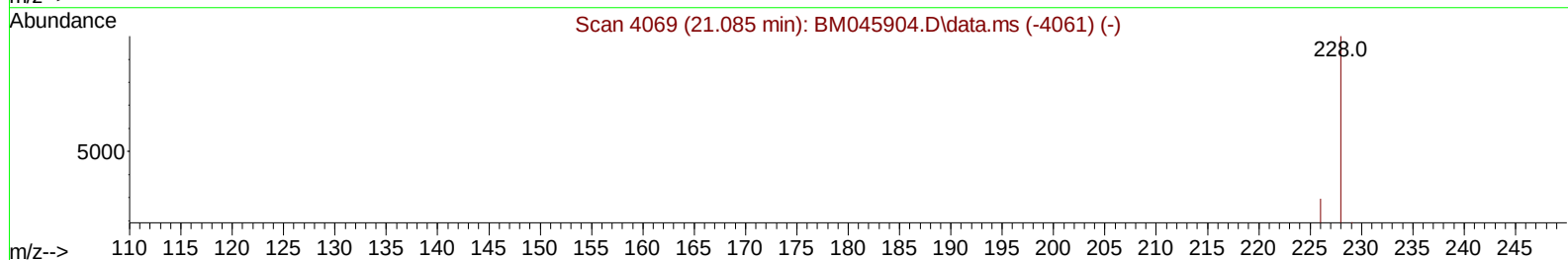
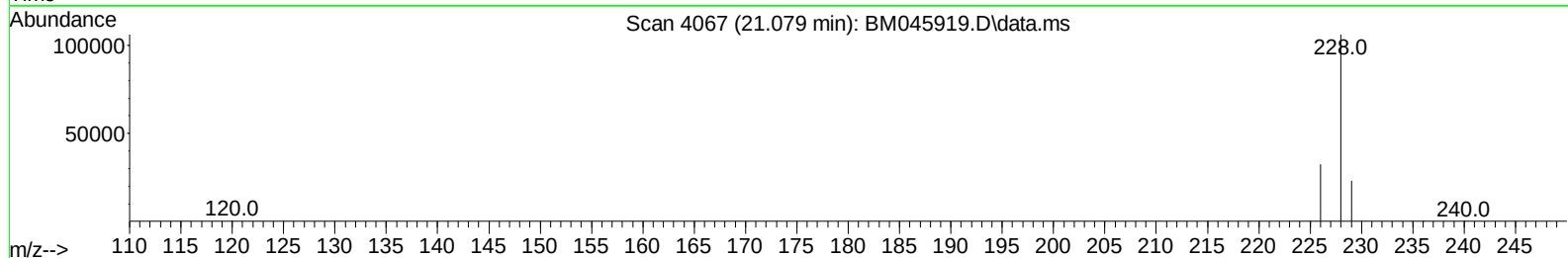
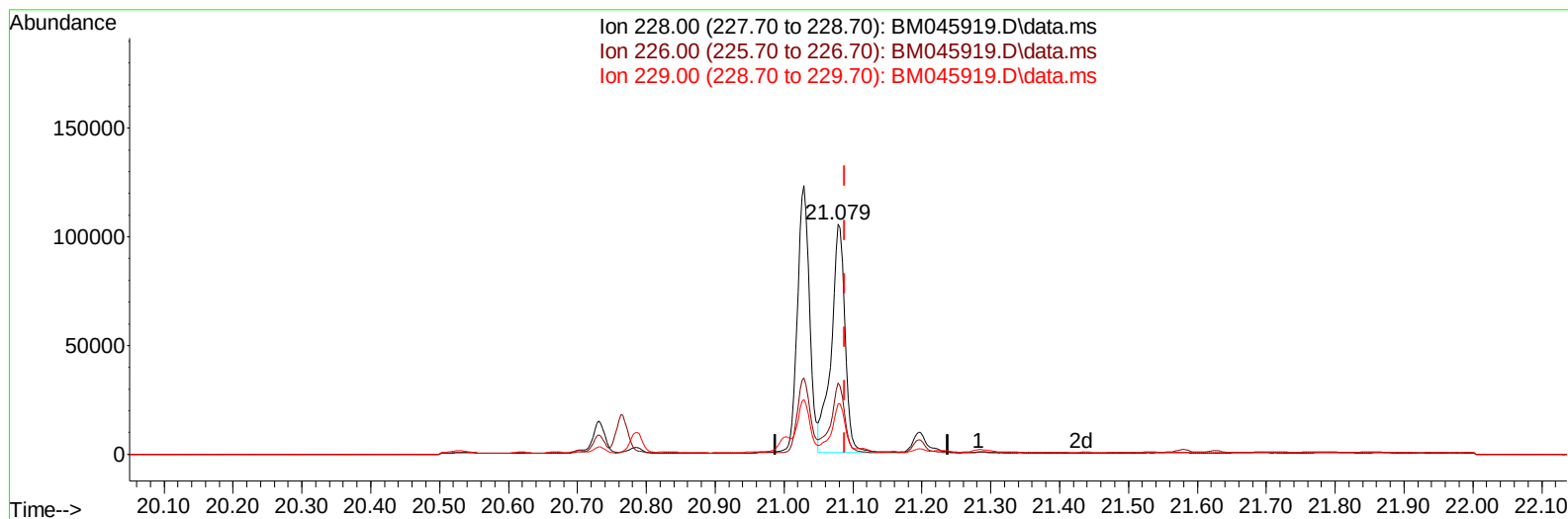
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(22) Chrysene

21.079min (-0.009) 2.45 ng/ul m

response 146890

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	30.92
229.00	20.20	21.95
0.00	0.00	0.00

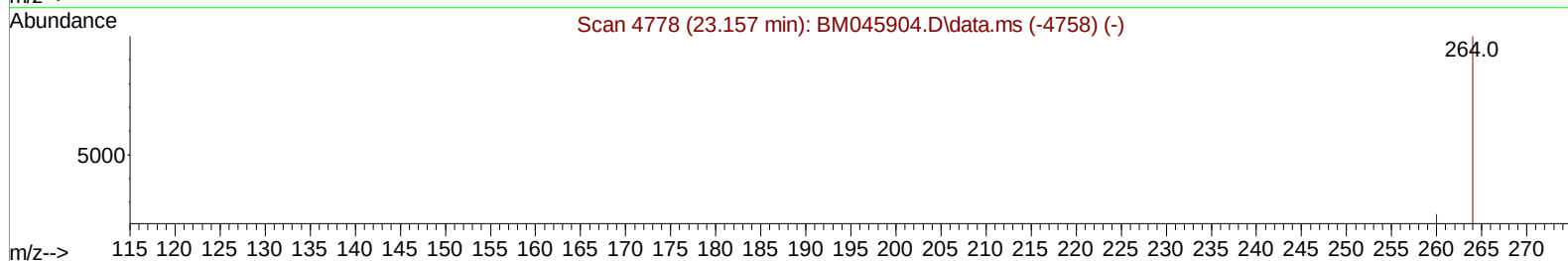
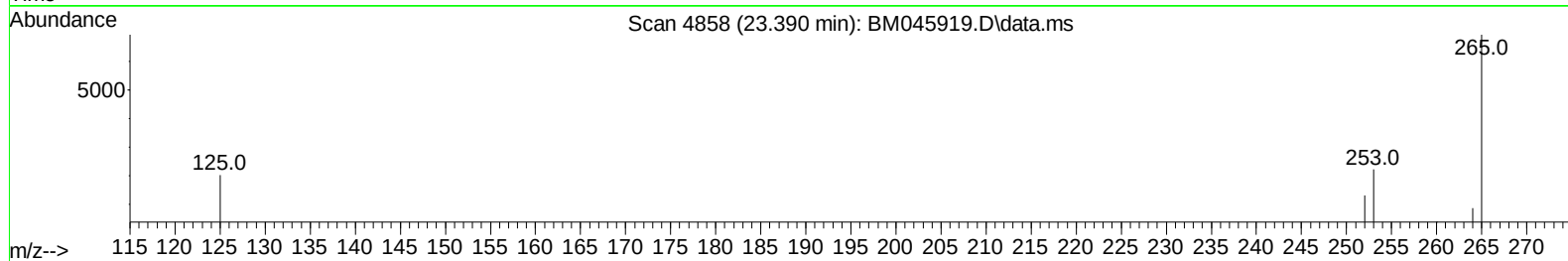
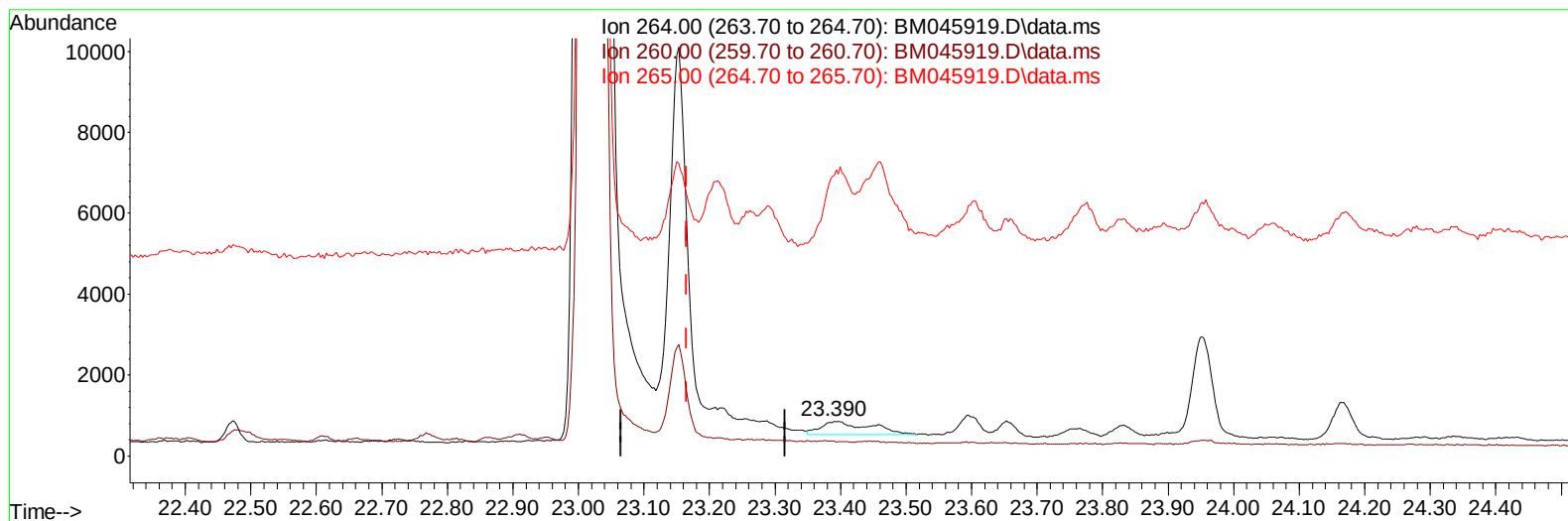
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(23) Perylene-d12 (I)

23.390min (+ 0.225) 0.40 ng/ul

response 1794

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	42.31#
265.00	76.60	802.08#
0.00	0.00	0.00

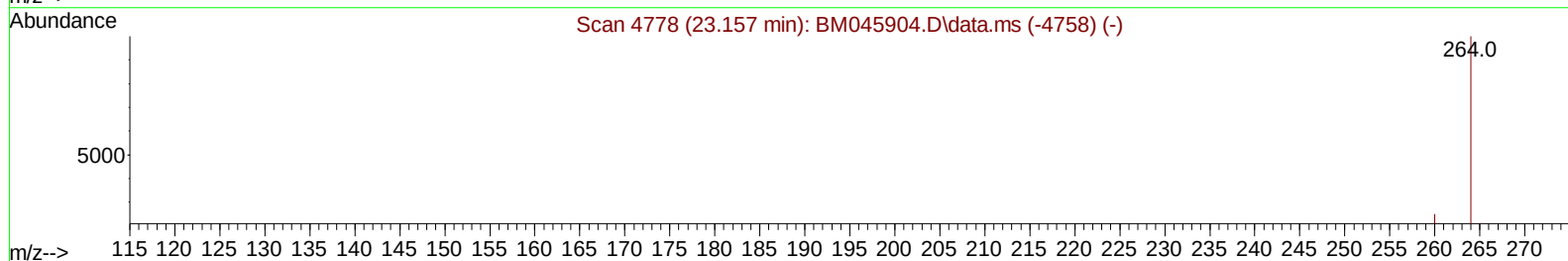
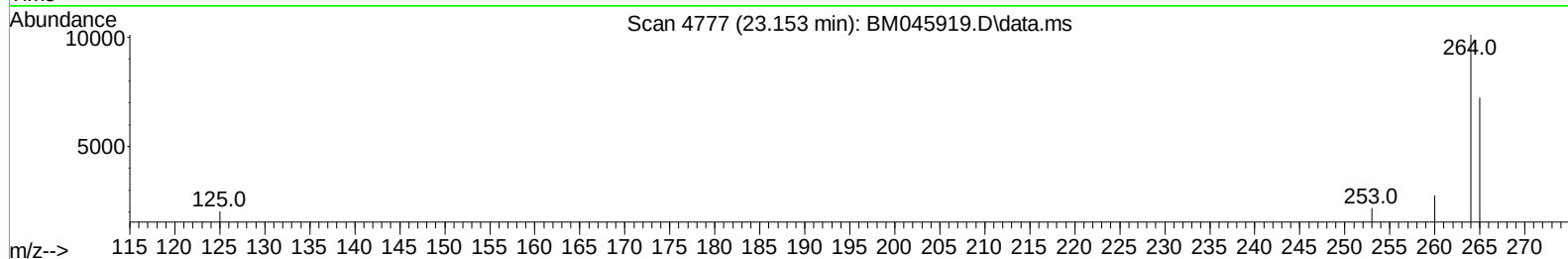
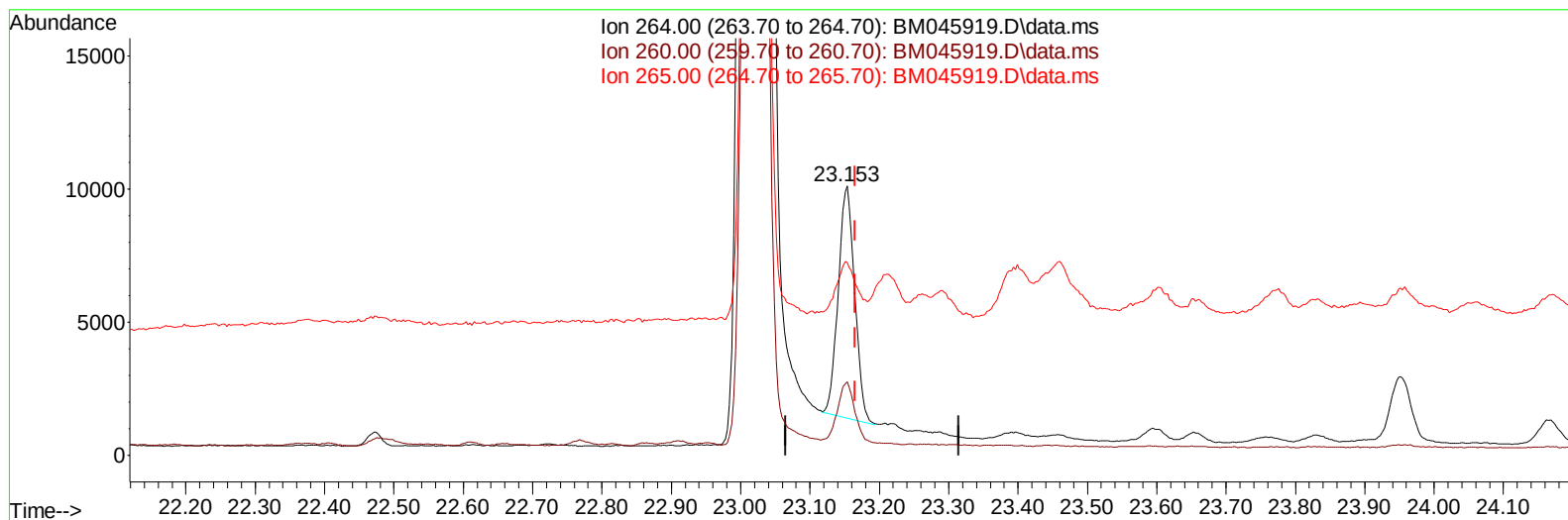
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(23) Perylene-d12 (I)

23.153min (-0.012) 0.40 ng/ul m

response 14338

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	27.26
265.00	76.60	71.60
0.00	0.00	0.00

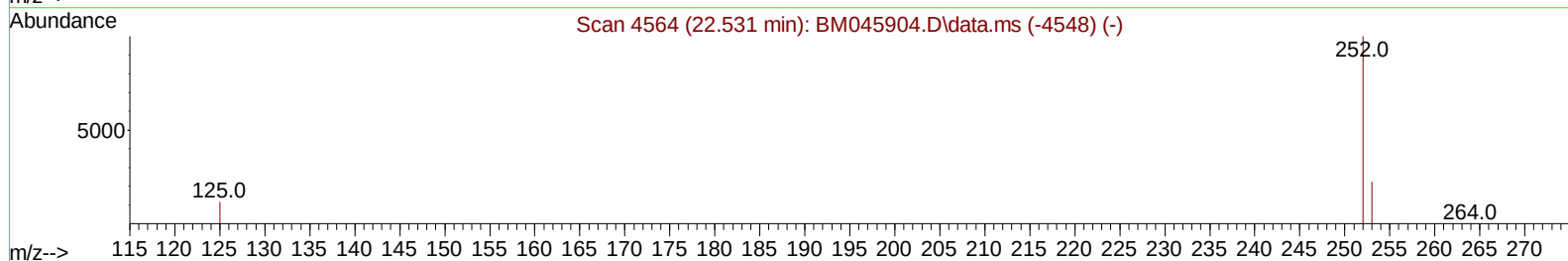
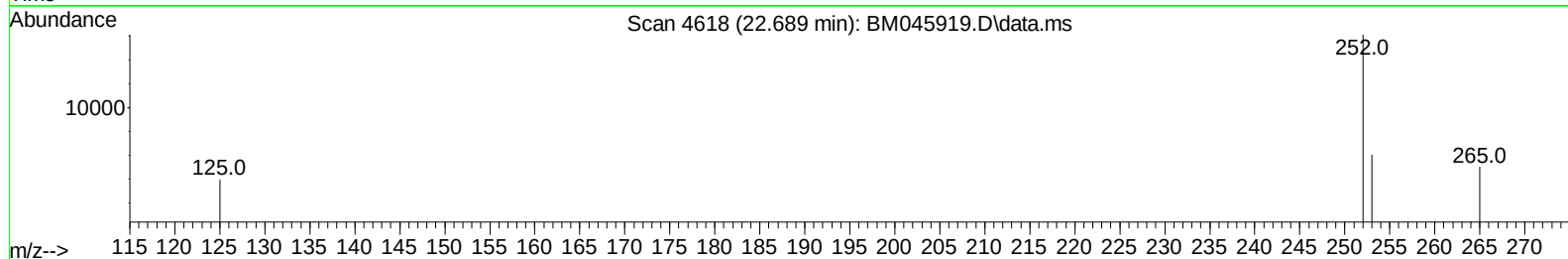
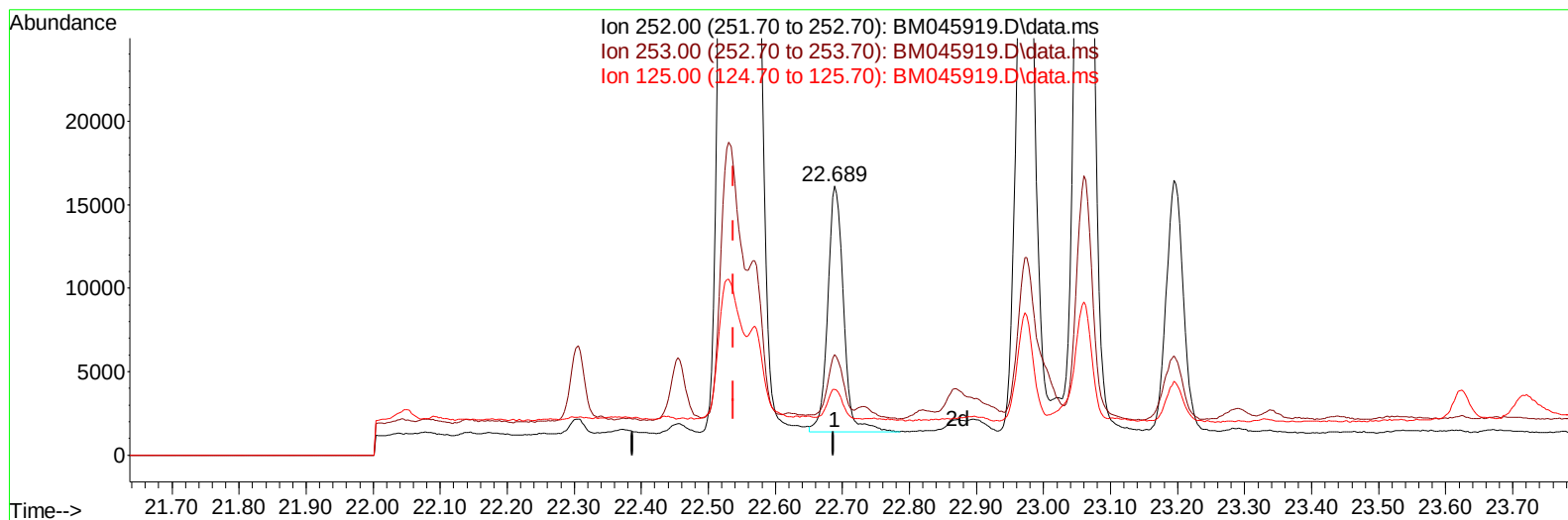
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(24) Benzo(b)fluoranthene

22.689min (+ 0.152) 0.51 ng/u1

response 24144

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	37.39
125.00	17.90	24.39
0.00	0.00	0.00

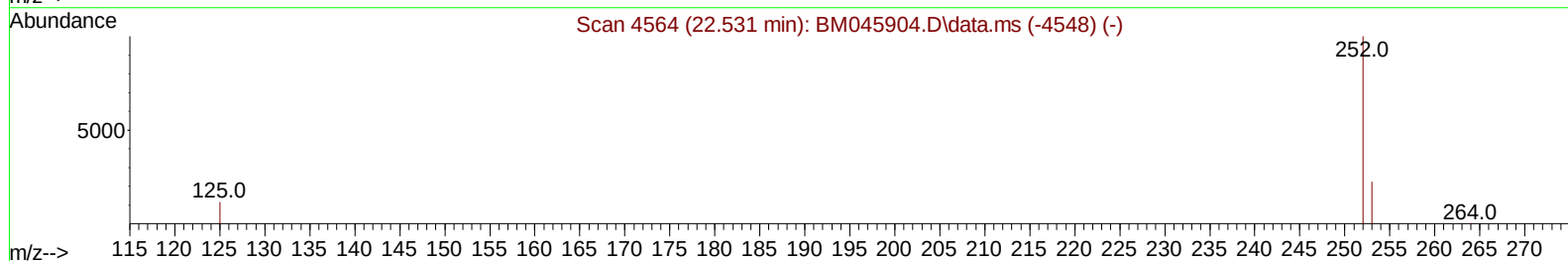
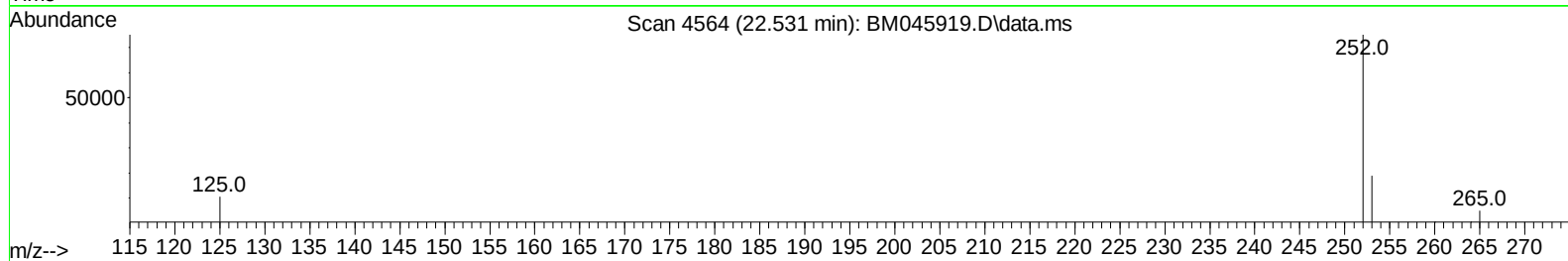
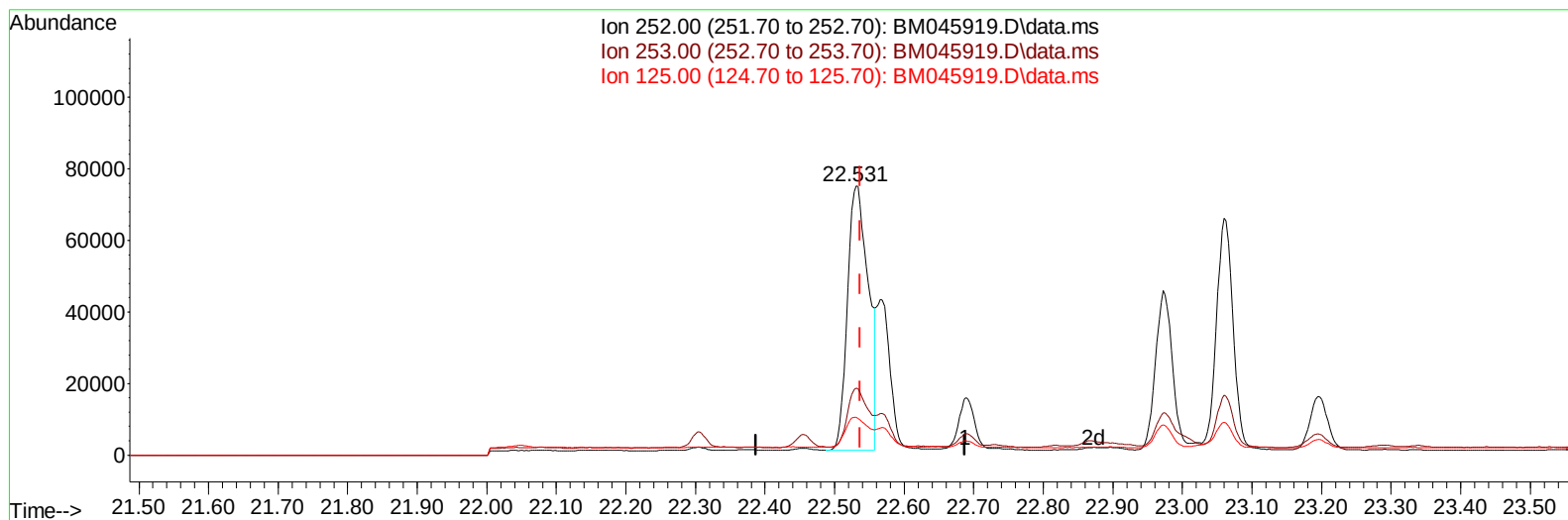
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(24) Benzo(b)fluoranthene

22.531min (-0.006) 3.25 ng/ul m

response 154495

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	24.93
125.00	17.90	14.04
0.00	0.00	0.00

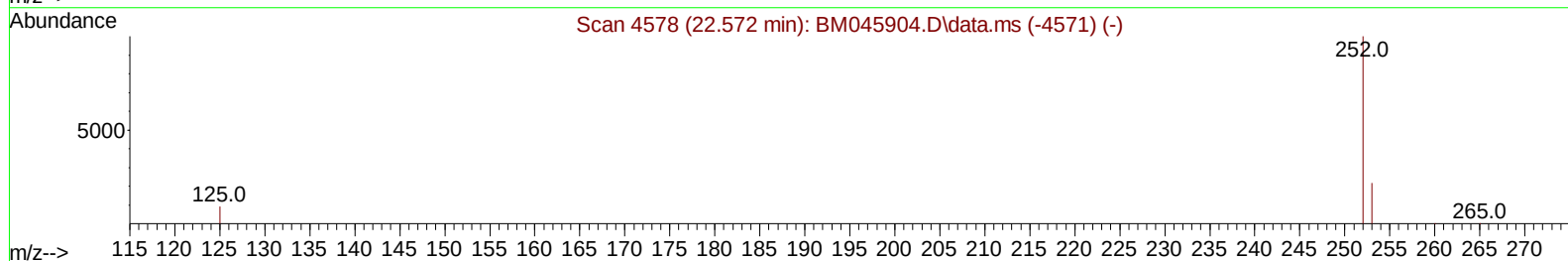
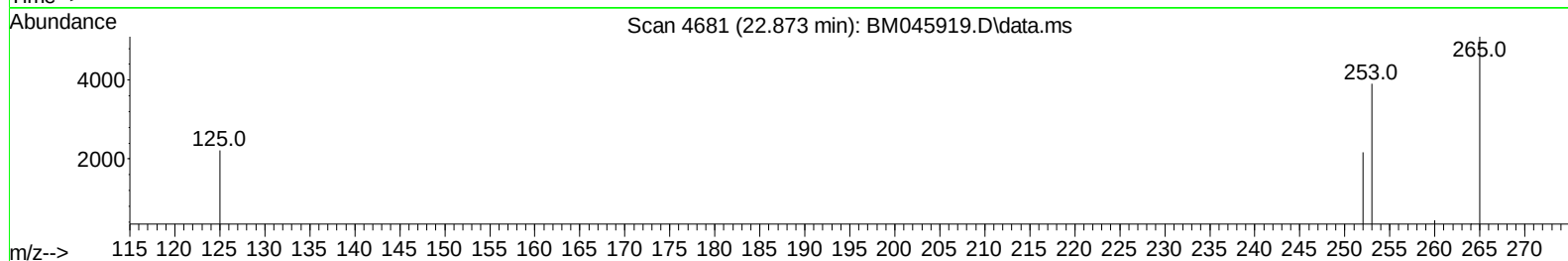
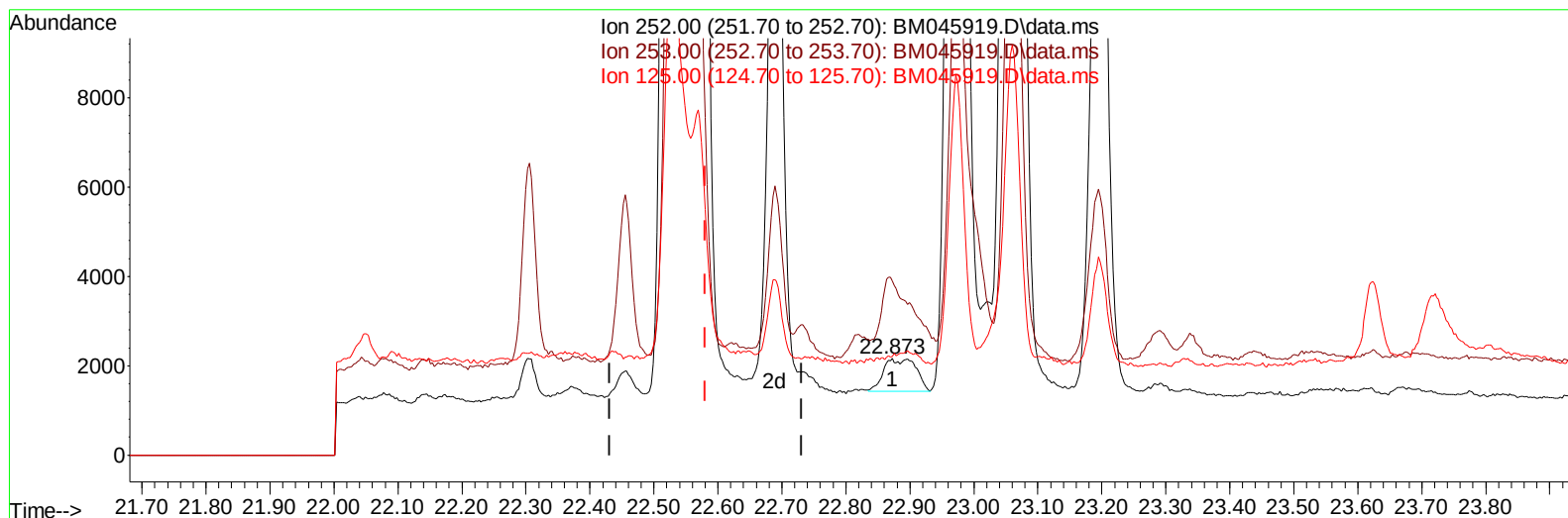
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(25) Benzo(k)fluoranthene

22.873min (+ 0.292) 0.05 ng/u1

response 2534

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	180.10#
125.00	17.70	101.99#
0.00	0.00	0.00

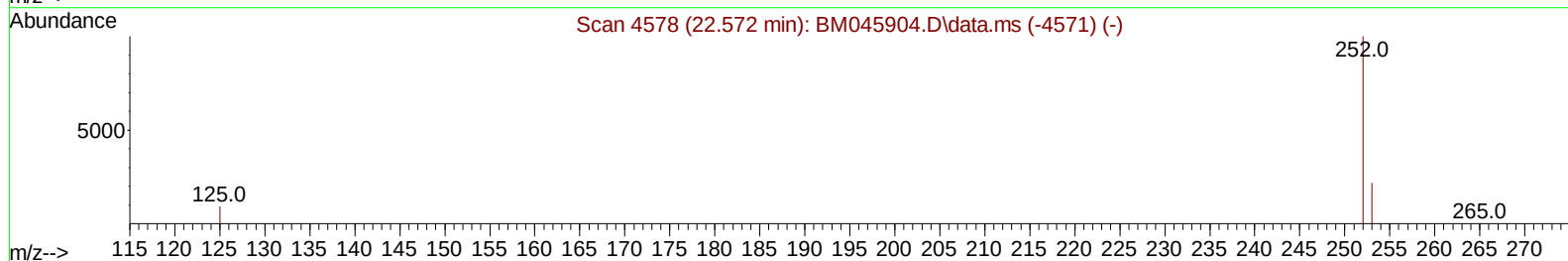
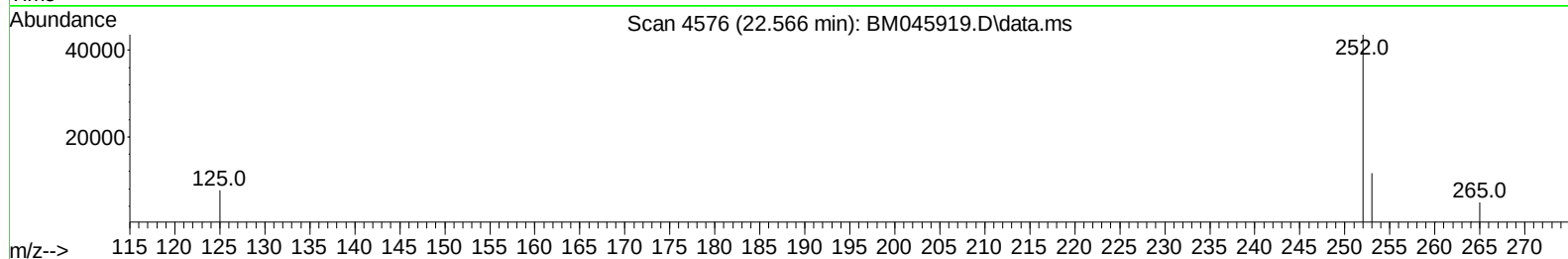
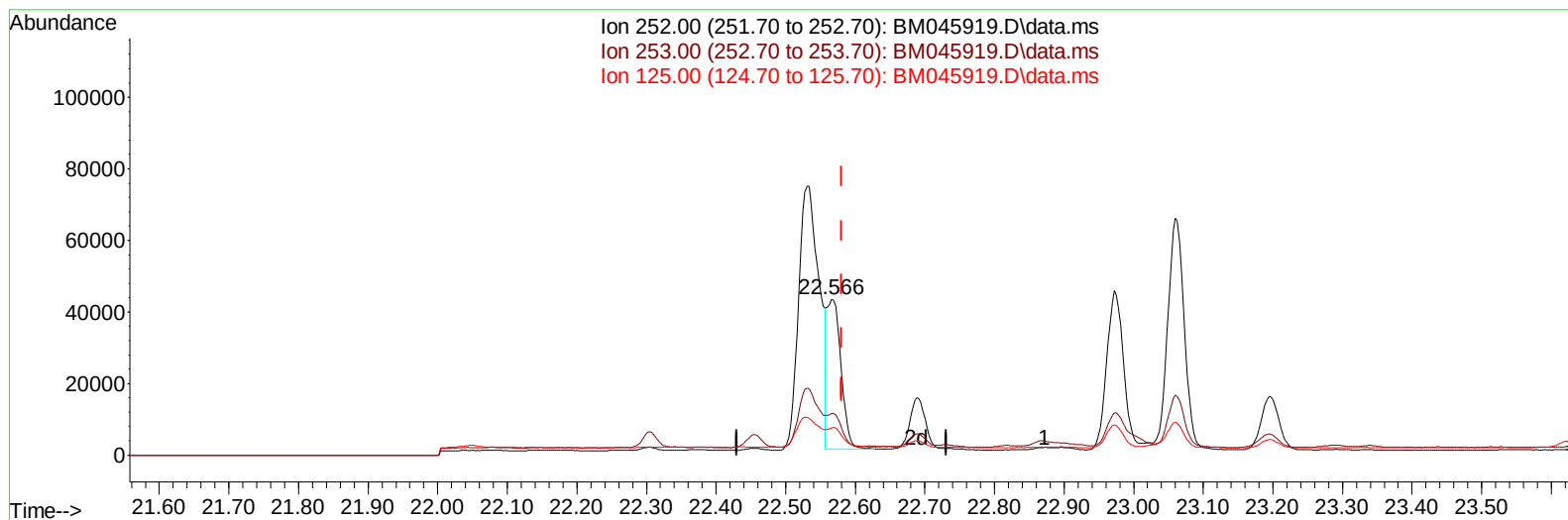
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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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TIC: BM045919.D\data.ms

(25) Benzo(k)fluoranthene

22.566min (-0.015) 1.10 ng/u1 m

response 57632

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	26.70
125.00	17.70	17.50
0.00	0.00	0.00

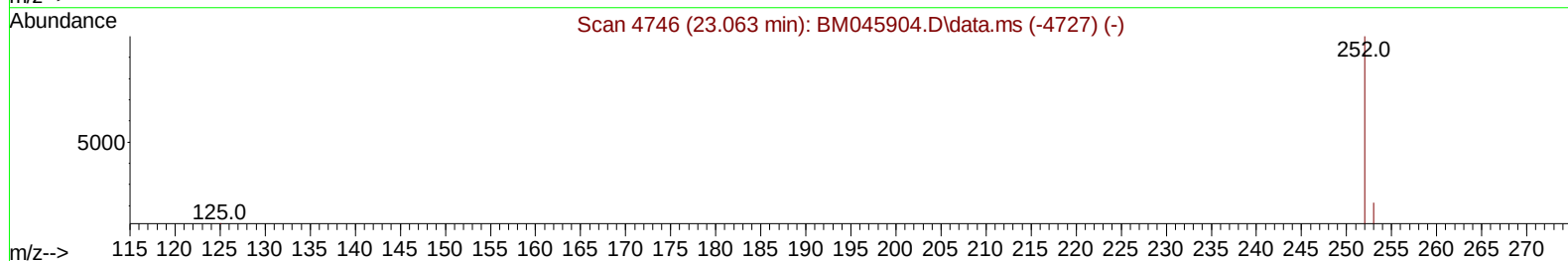
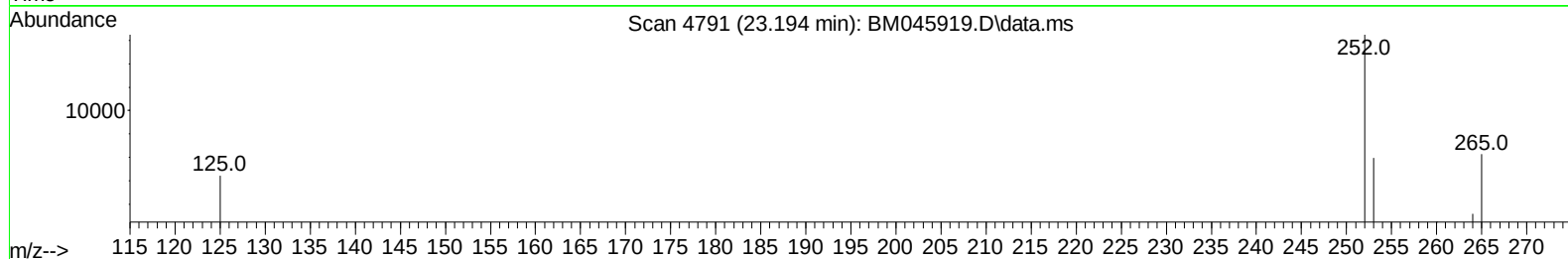
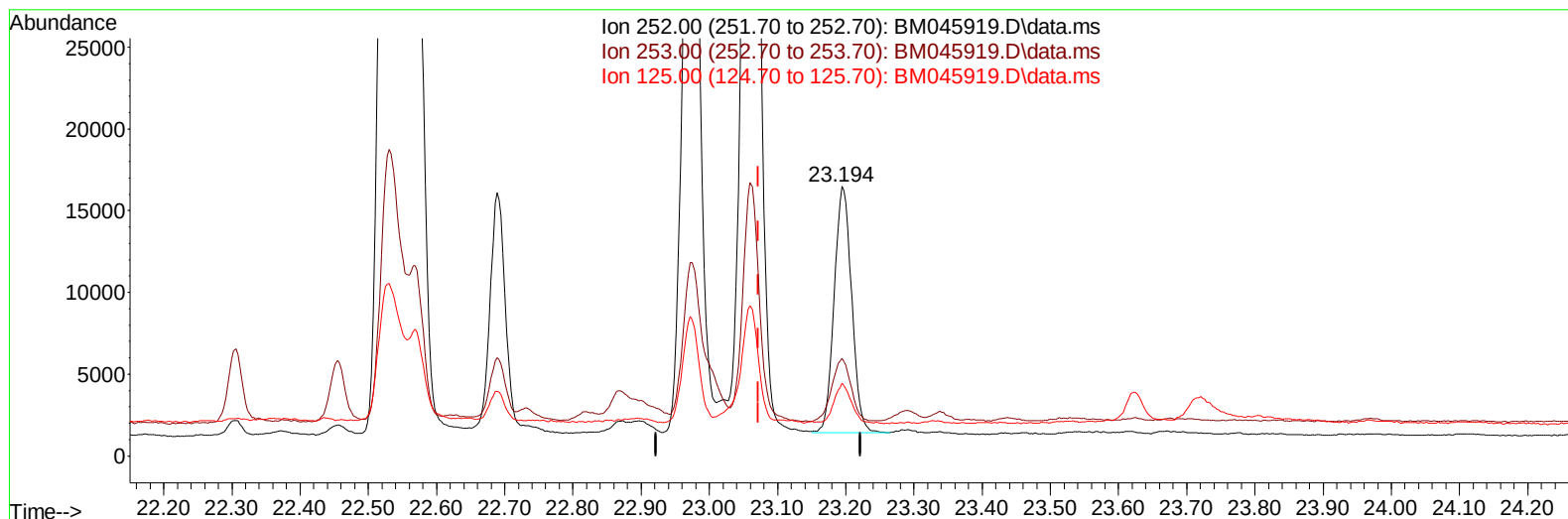
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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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Response via : Initial Calibration

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



TIC: BM045919.D\data.ms

(26) Benzo(a)pyrene (C)

23.194min (+ 0.122) 0.56 ng/u1

response 26720

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	36.17
125.00	21.60	26.92#
0.00	0.00	0.00

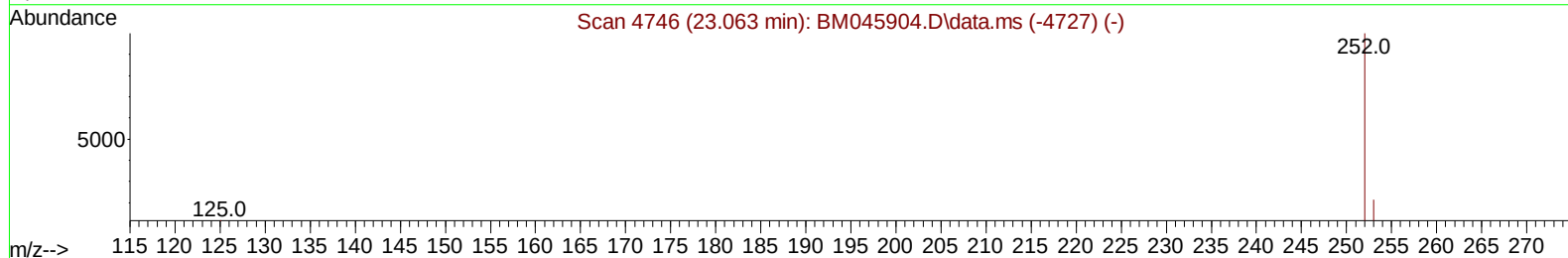
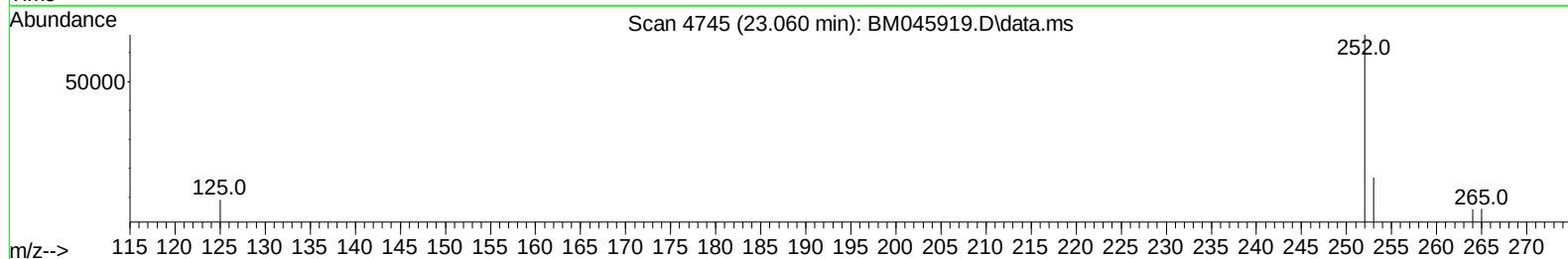
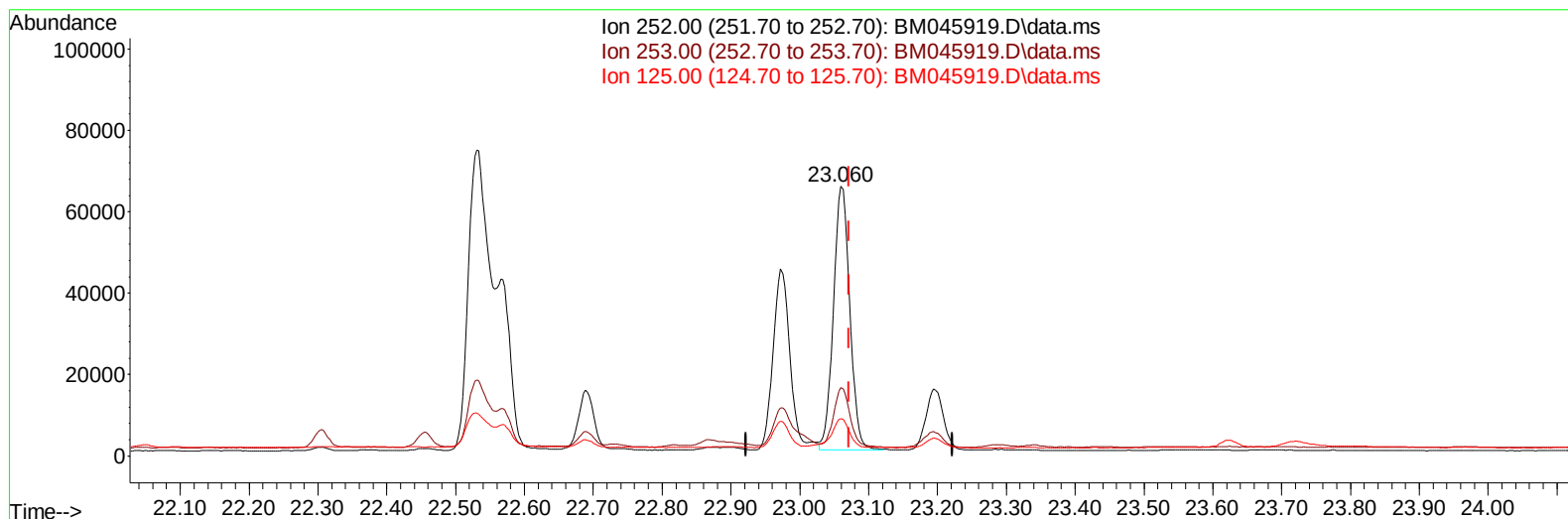
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(26) Benzo(a)pyrene (C)

23.060min (-0.012) 2.27 ng/ul m

response 107249

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	25.27#
125.00	21.60	13.86#
0.00	0.00	0.00

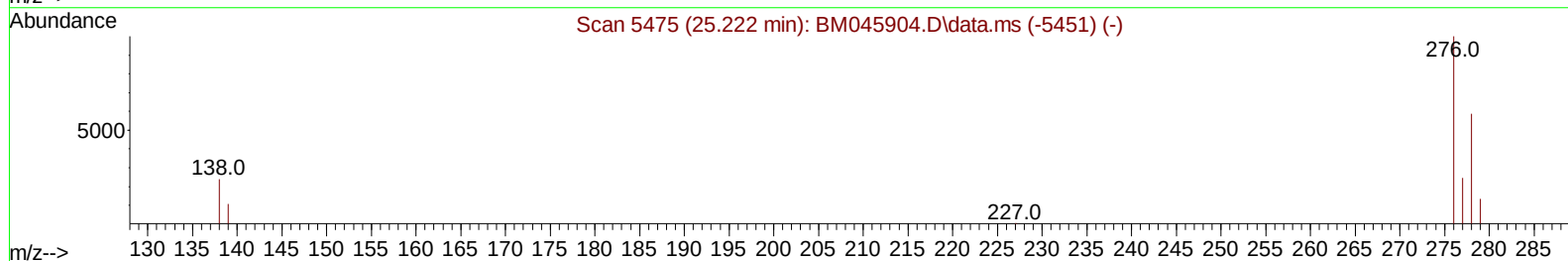
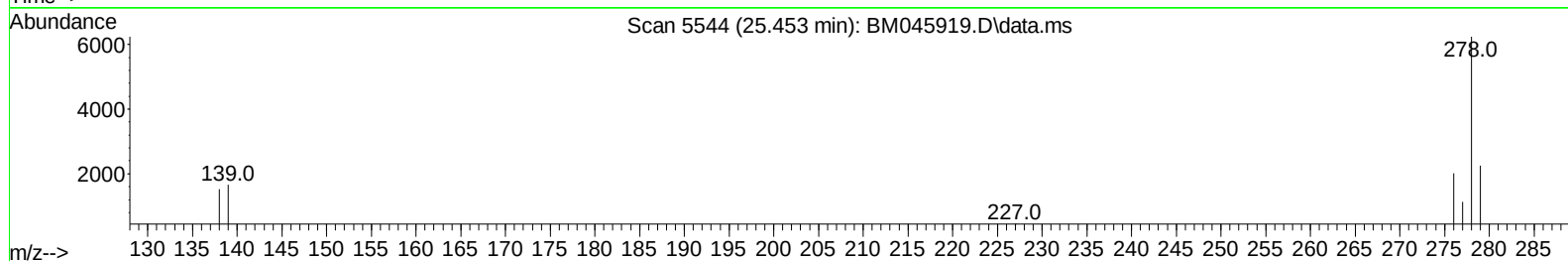
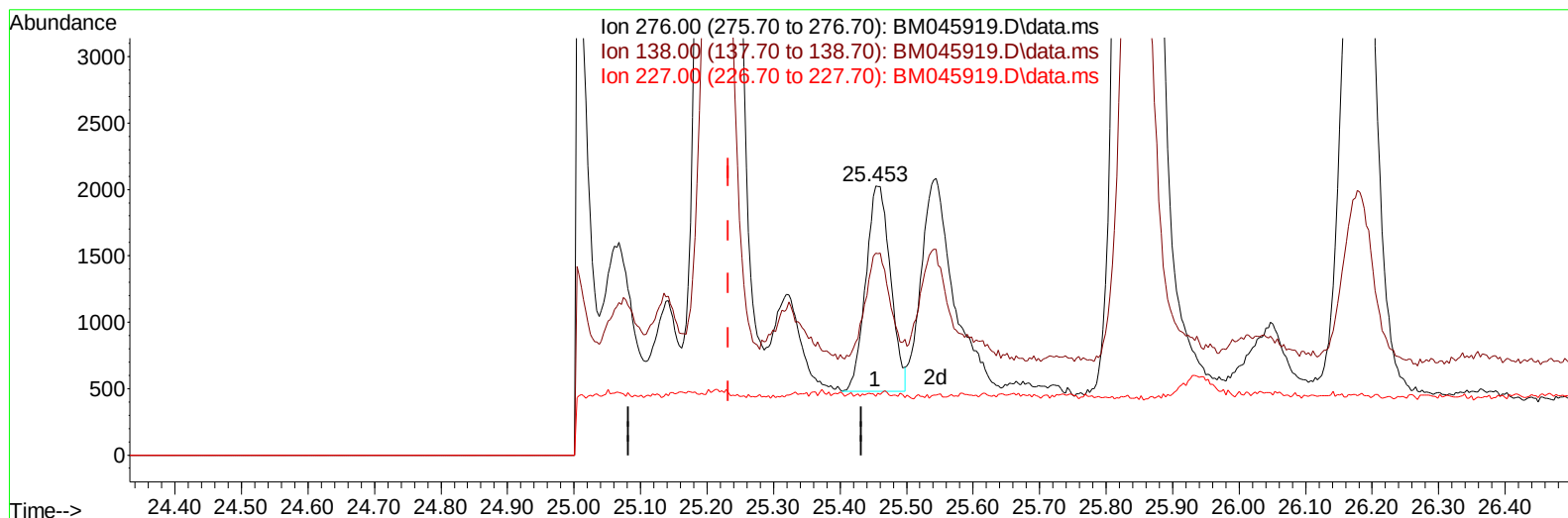
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

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

25.453min (+ 0.221) 0.07 ng/u1

response 3984

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	52.86#
227.00	0.20	0.55#
0.00	0.00	0.00

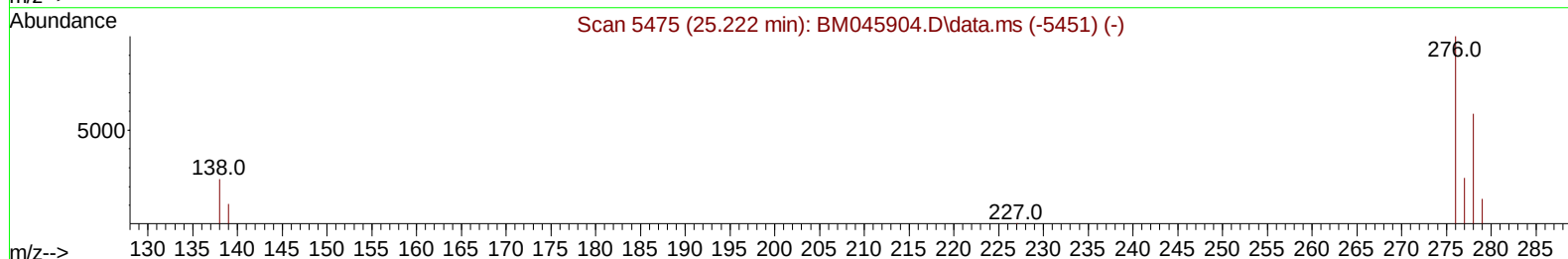
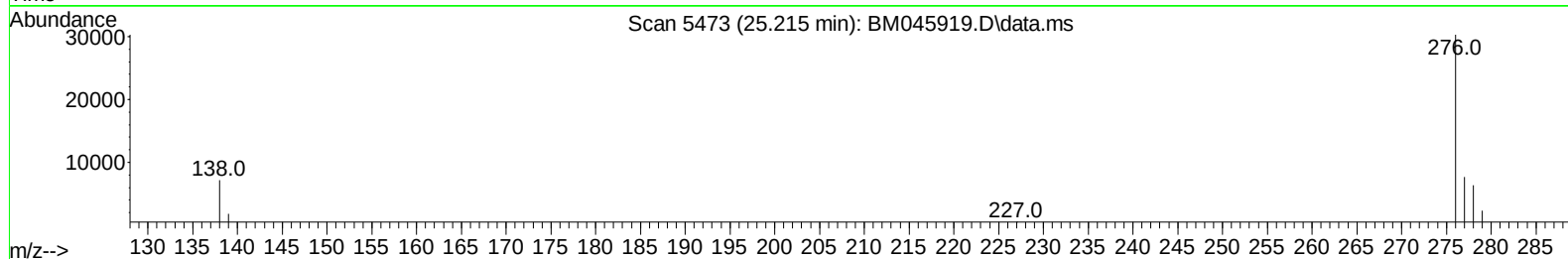
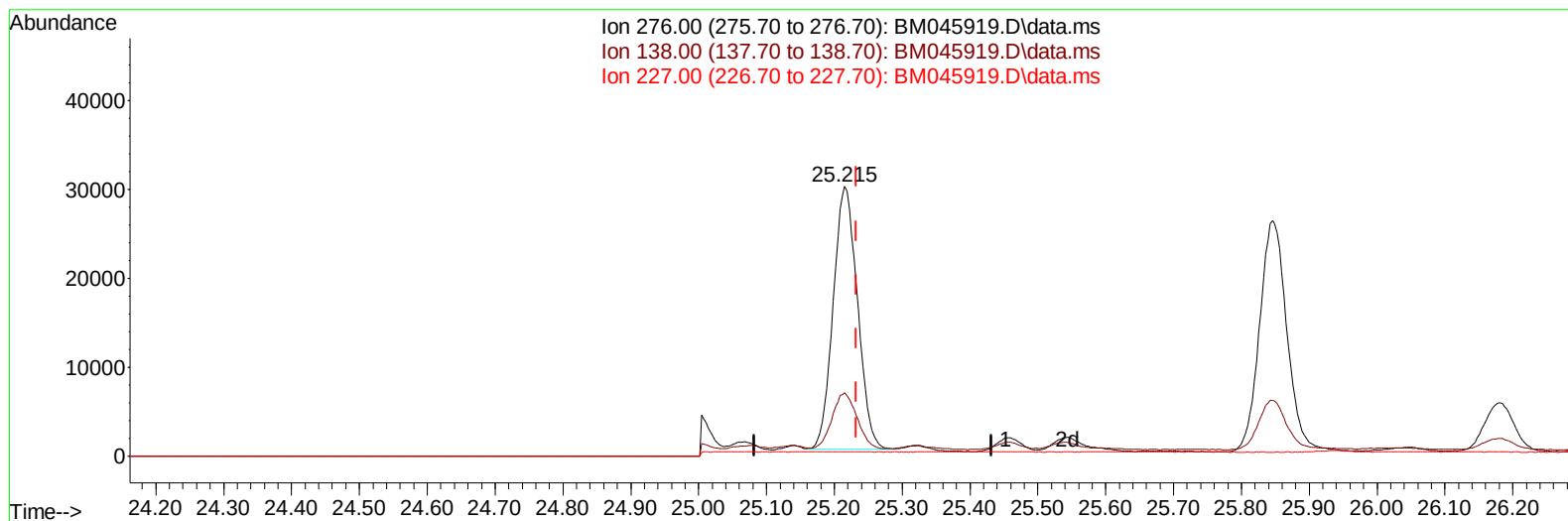
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045919.D
 Acq On : 08 Jun 2024 16:52
 Operator : MA/JU
 Sample : P2640-21
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 2024
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 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045919.D\data.ms

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

25.215min (-0.017) 1.20 ng/ul m

response 73348

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	2.87#
227.00	0.20	0.03#
0.00	0.00	0.00

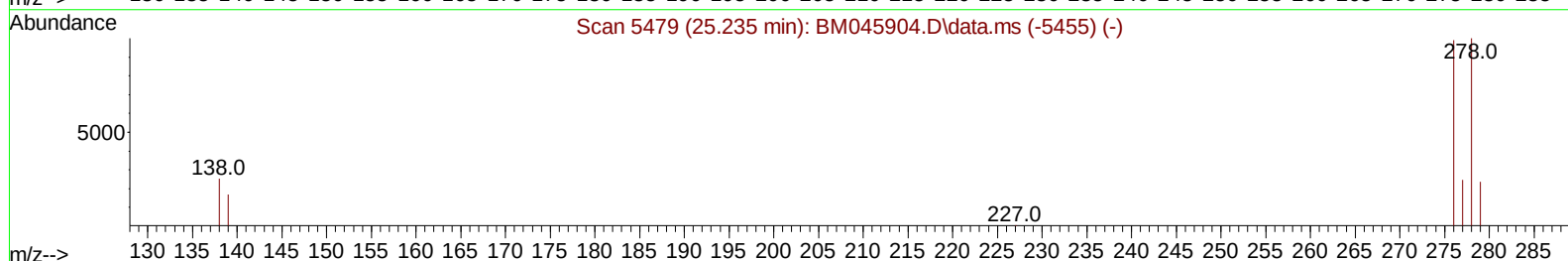
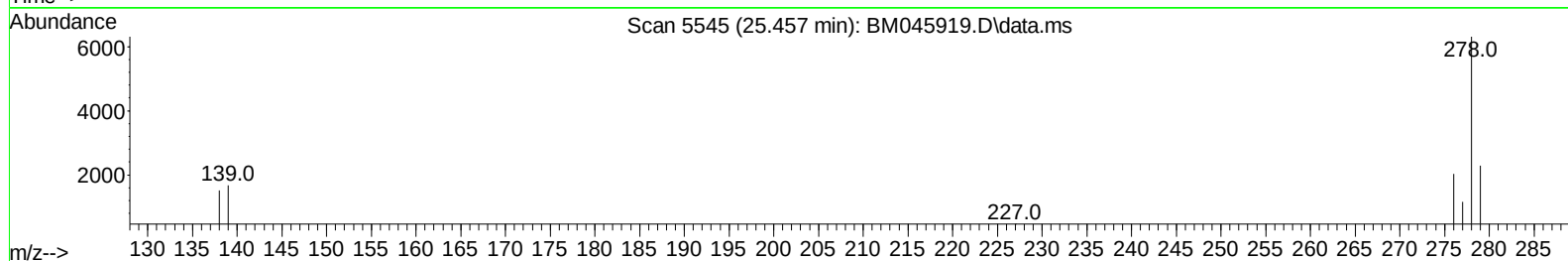
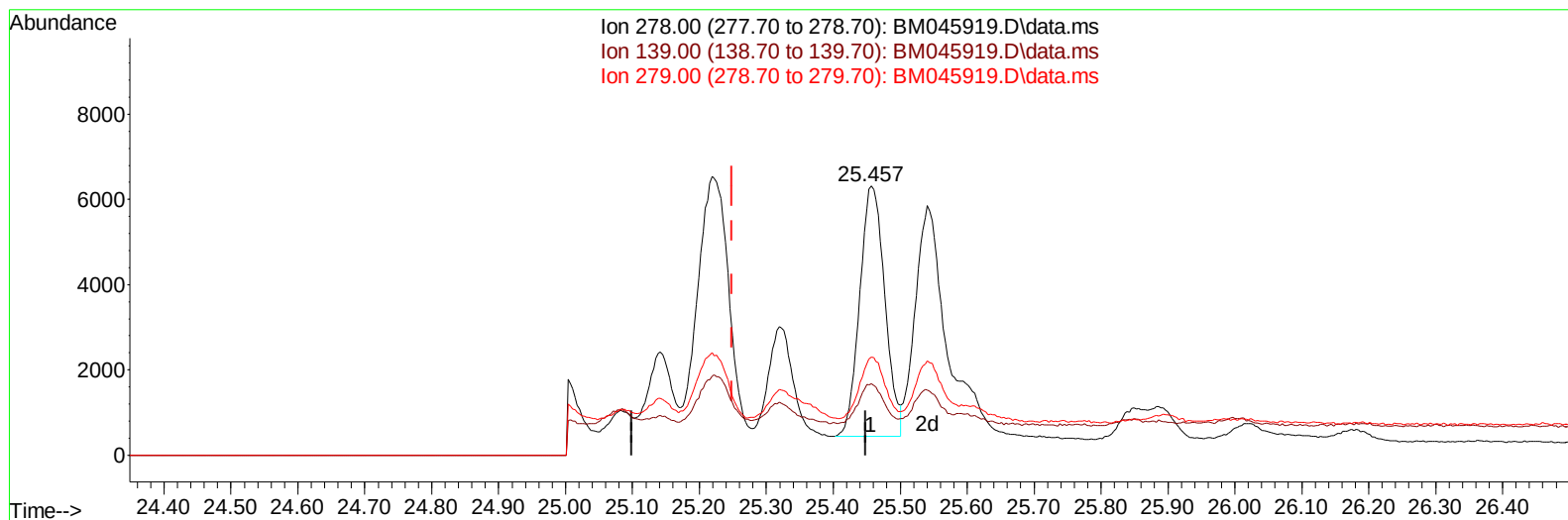
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 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: BM045919.D\data.ms

(28) Dibenzo(a,h)anthracene

25.457min (+ 0.208) 0.31 ng/u1

response 15388

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	26.49#
279.00	30.80	36.36
0.00	0.00	0.00

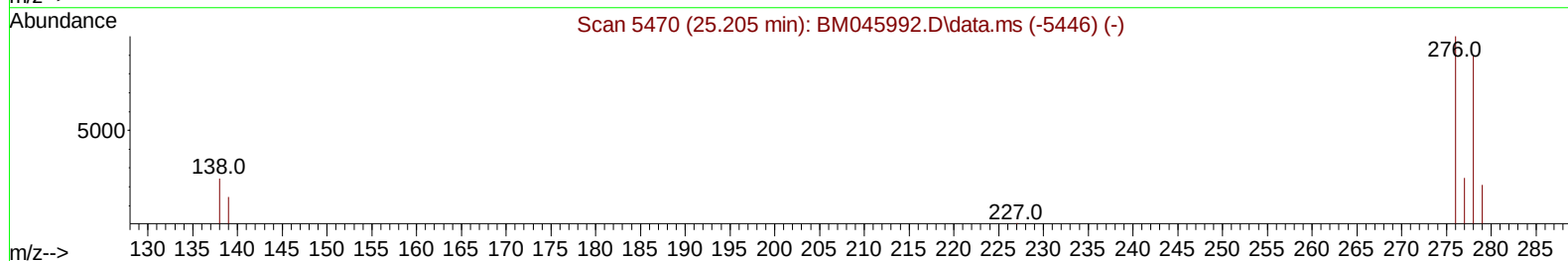
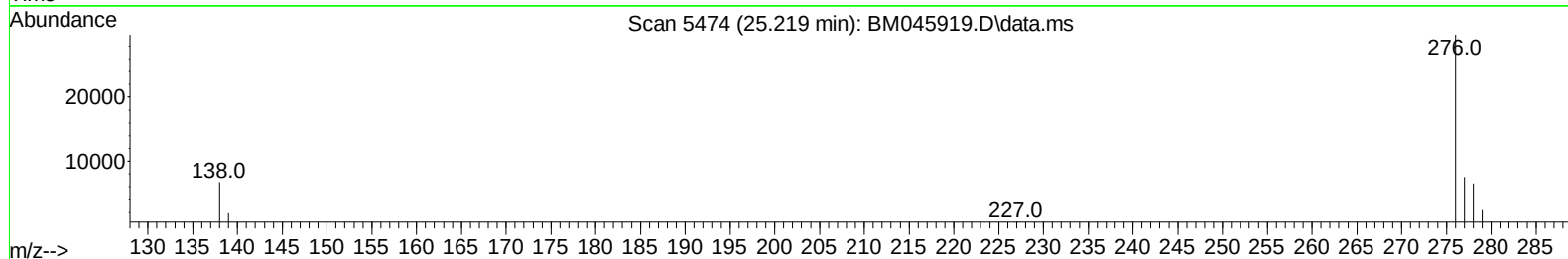
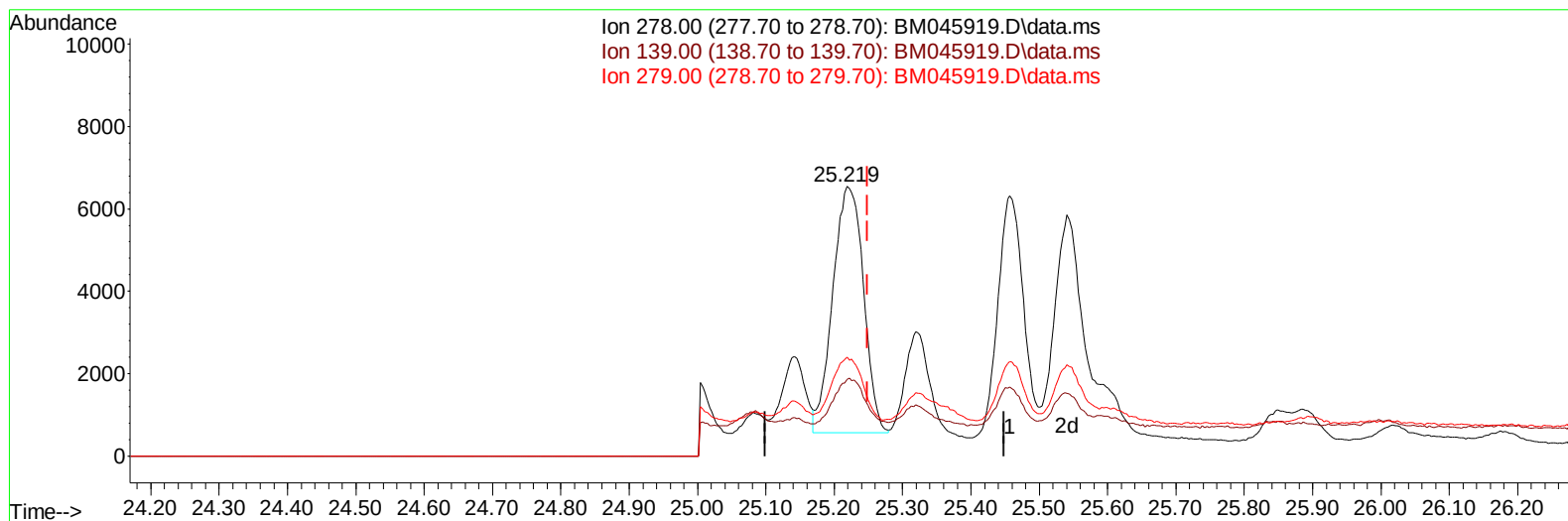
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045919.D\data.ms

(28) Dibenzo(a,h)anthracene

25.219min (-0.030) 0.38 ng/ul m

response 18612

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	28.32#
279.00	30.80	36.77
0.00	0.00	0.00

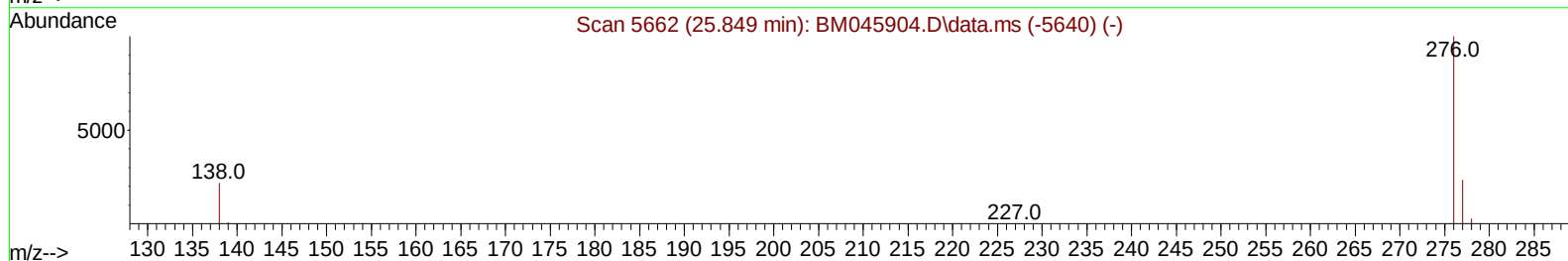
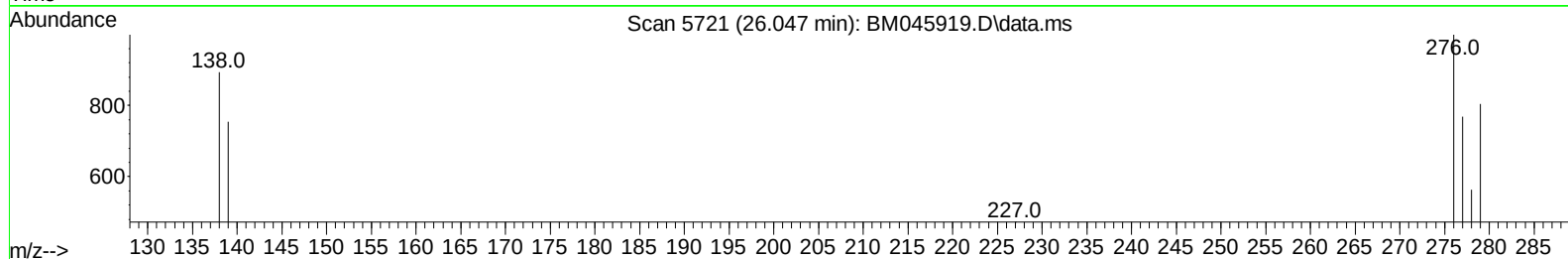
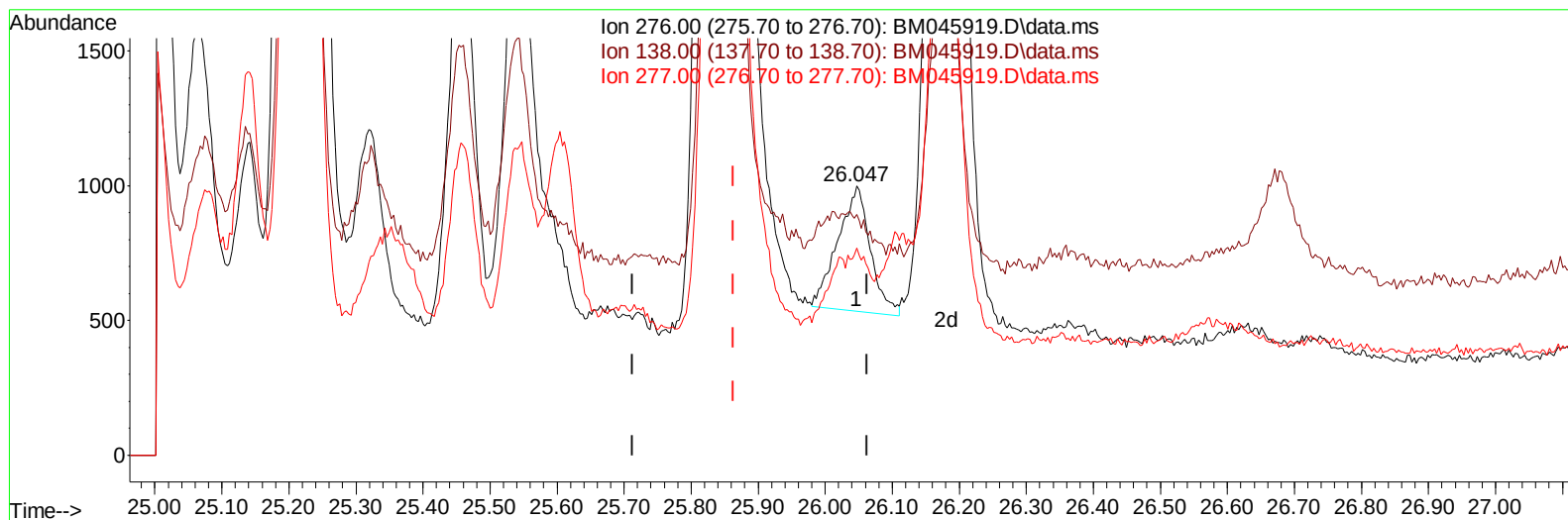
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

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TIC: BM045919.D\data.ms

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

26.047min (+ 0.184) 0.03 ng/u1

response 1558

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	89.49#
277.00	25.60	76.88#
0.00	0.00	0.00

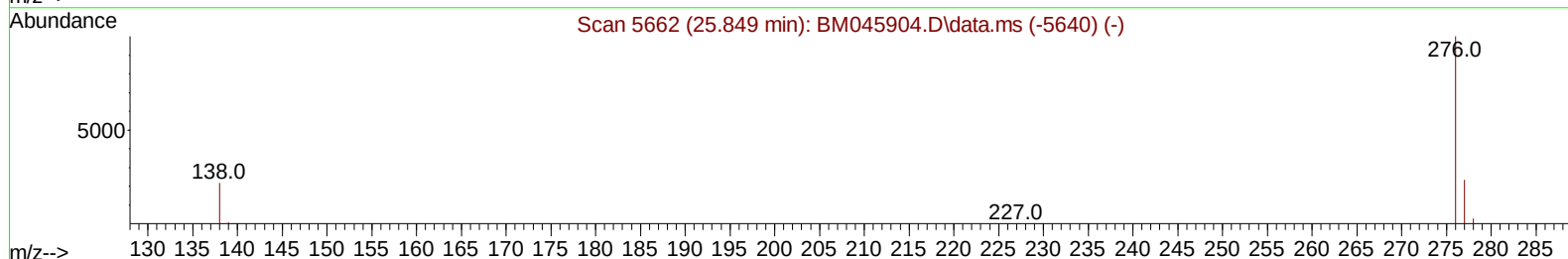
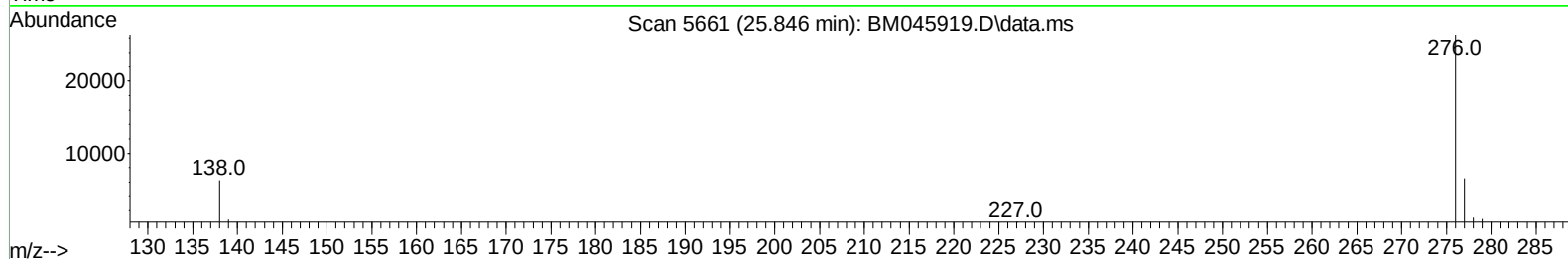
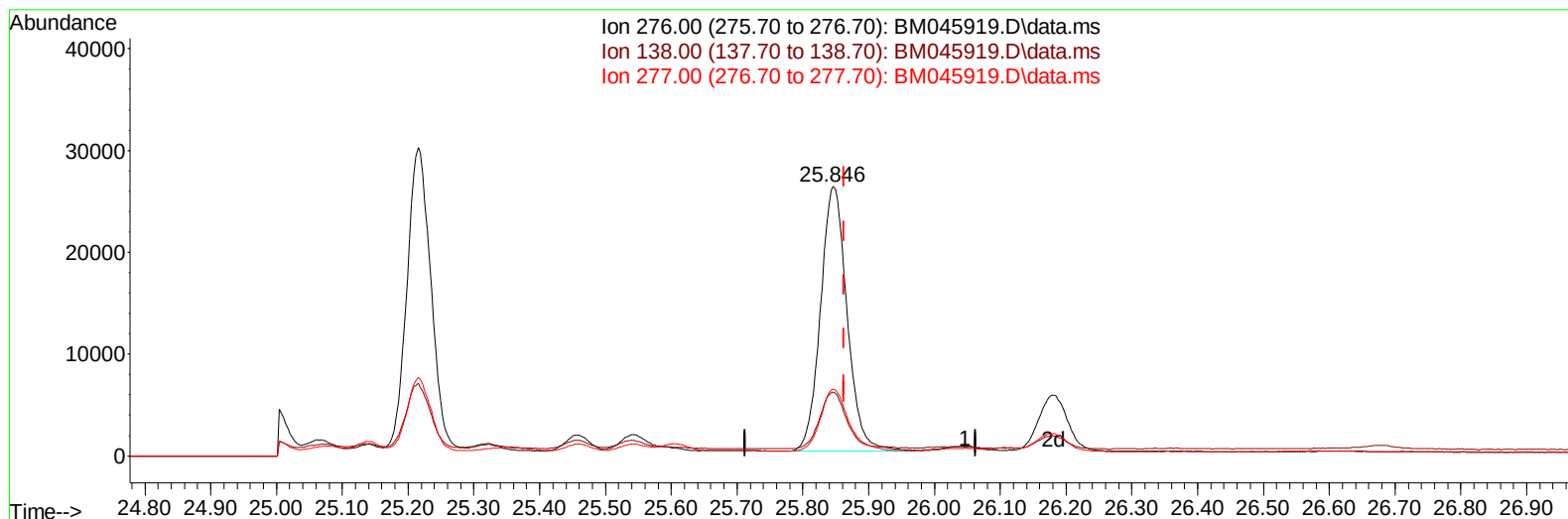
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:29:07 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM045919.D\data.ms

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

25.846min (-0.017) 1.39 ng/ul m

response 73424

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	23.72
277.00	25.60	24.80
0.00	0.00	0.00

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 Data File : BM045919.D
 Acq On : 08 Jun 2024 16:52
 Operator : MA/JU
 Sample : P2640-21
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
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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	7.464	152	6220	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.233	136	21697	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	11773	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	26221m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.044	240	14987m	0.400	ng/ul	0.00
23) Perylene-d12	23.153	264	14338m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	22535	3.181	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	7096	0.227	ng/ul	0.00
18) Fluoranthene-d10	18.881	212	14757m	0.329	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.277	128	25074	0.442	ng/ul	100
7) 2-Methylnaphthalene	11.910	142	7958	0.220	ng/ul	99
8) 1-Methylnaphthalene	12.130	142	6563	0.167	ng/ul	100
10) Acenaphthylene	13.827	152	10458	0.195	ng/ul	99
11) Acenaphthene	14.169	153	17451	0.444	ng/ul	99
12) Fluorene	15.159	166	21981	0.500	ng/ul	100
15) Phenanthrene	16.888	178	364942m	4.957	ng/ul	
16) Anthracene	16.981	178	71630m	1.141	ng/ul	
19) Fluoranthene	18.909	202	443395m	7.419	ng/ul	
20) Pyrene	19.276	202	344560m	5.527	ng/ul	
21) Benzo(a)anthracene	21.029	228	149893m	2.725	ng/ul	
22) Chrysene	21.079	228	146890m	2.453	ng/ul	
24) Benzo(b)fluoranthene	22.531	252	154495m	3.249	ng/ul	
25) Benzo(k)fluoranthene	22.566	252	57632m	1.103	ng/ul	
26) Benzo(a)pyrene	23.060	252	107249m	2.268	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.215	276	73348m	1.199	ng/ul	
28) Dibenzo(a,h)anthracene	25.219	278	18612m	0.381	ng/ul	
29) Benzo(g,h,i)perylene	25.846	276	73424m	1.392	ng/ul	

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

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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Manual IntegrationsAPPROVED

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