

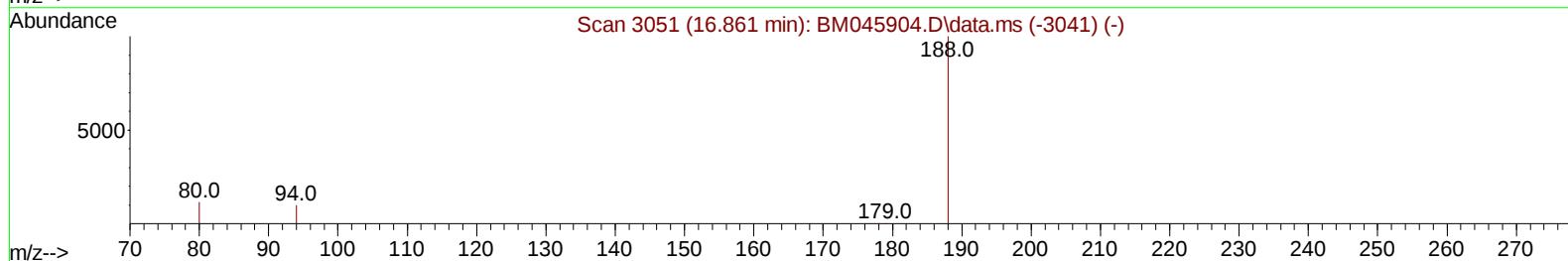
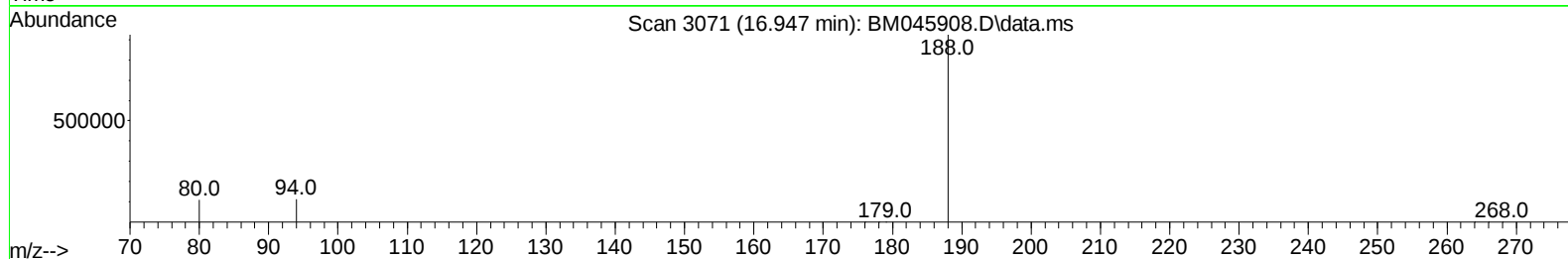
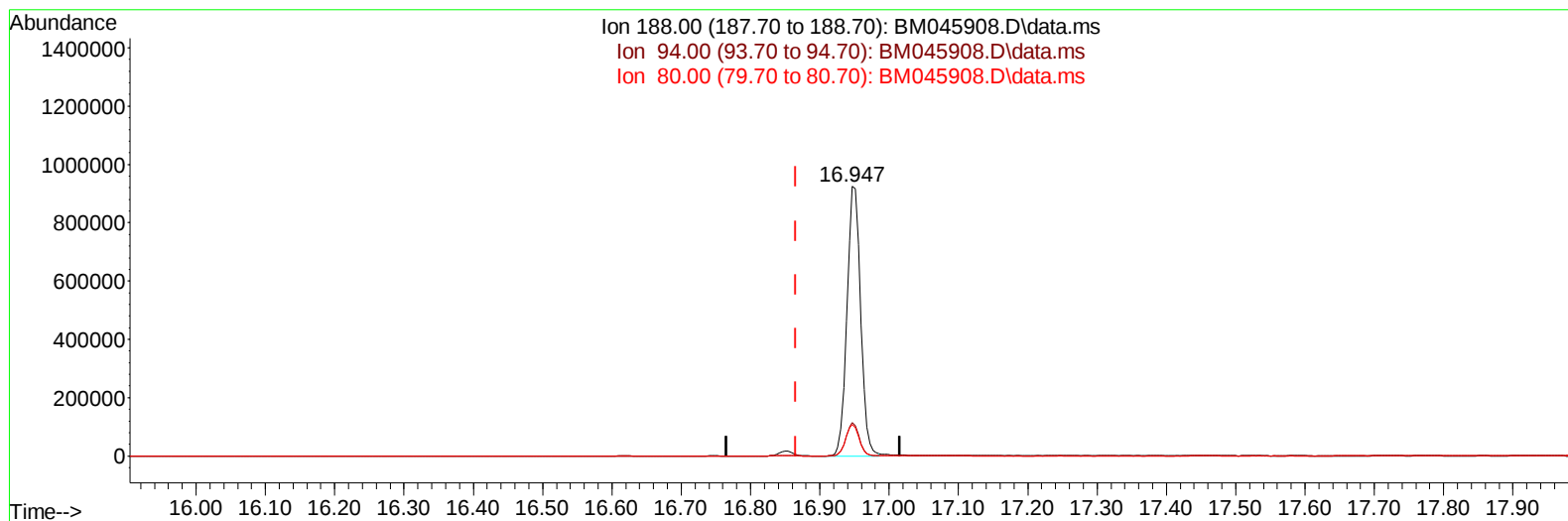
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(13) Phenanthrene-d10 (I)

16.947min (+ 0.081) 0.40 ng/u1

response 1262908

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	12.29
80.00	11.70	11.75
0.00	0.00	0.00

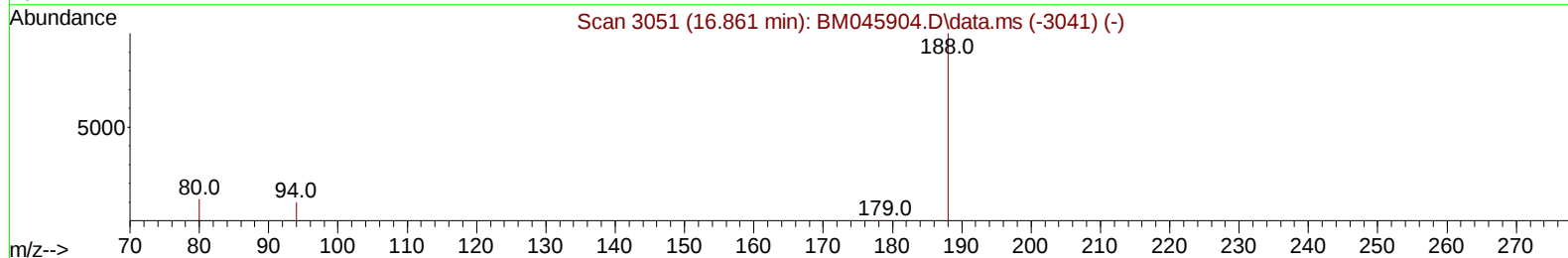
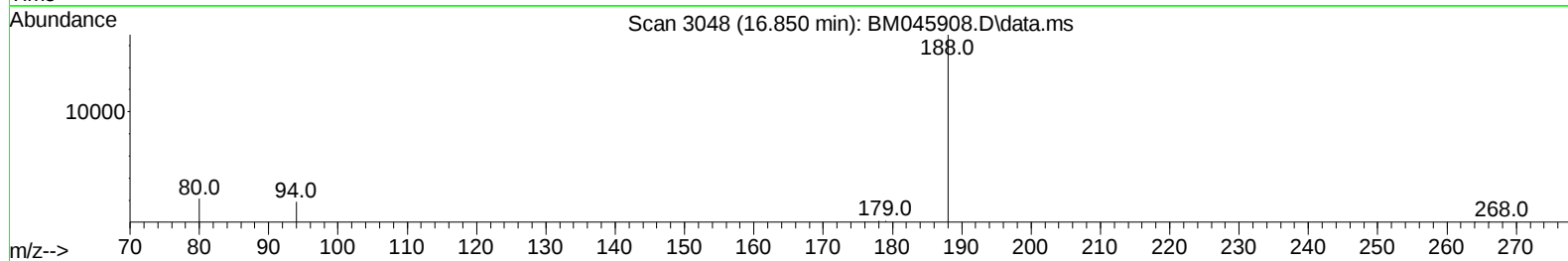
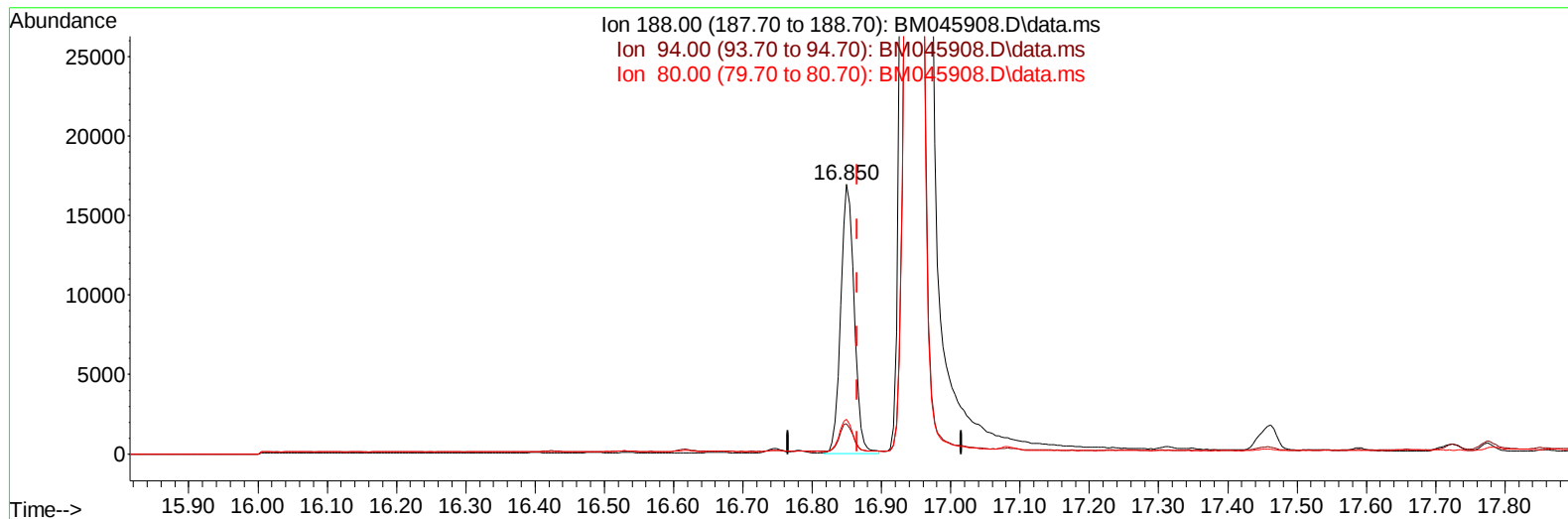
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(13) Phenanthrene-d10 (I)

16.850min (-0.016) 0.40 ng/ul m

response 22795

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.11
80.00	11.70	12.81
0.00	0.00	0.00

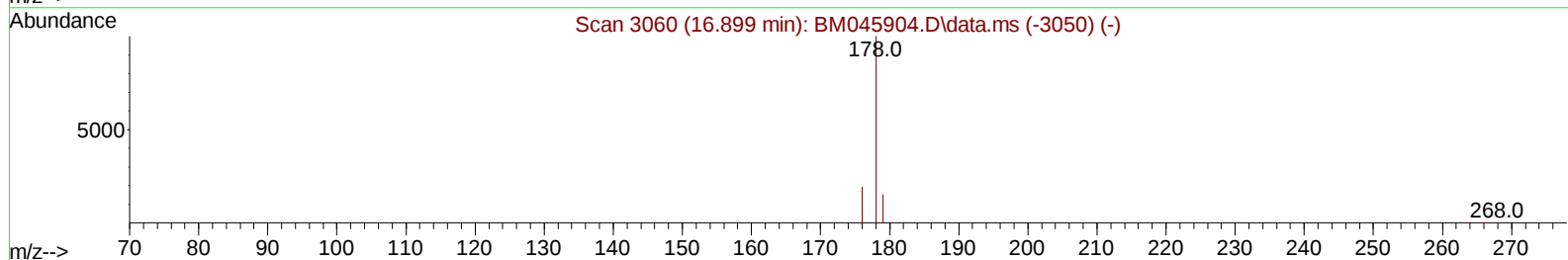
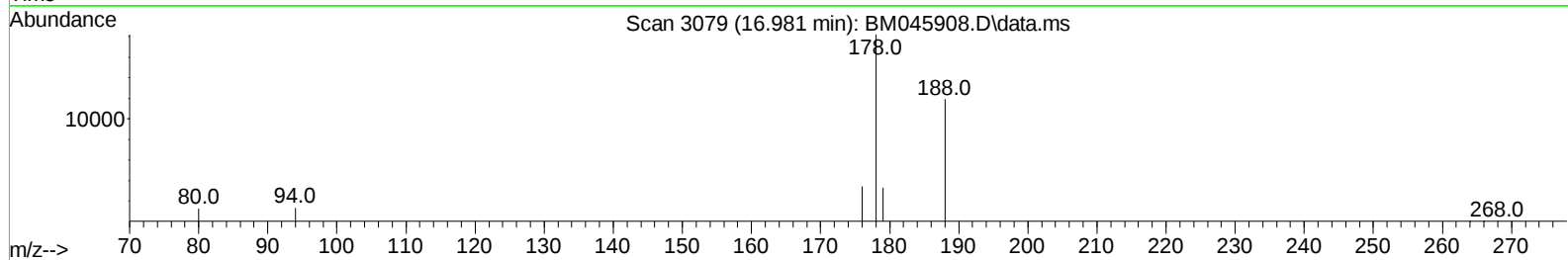
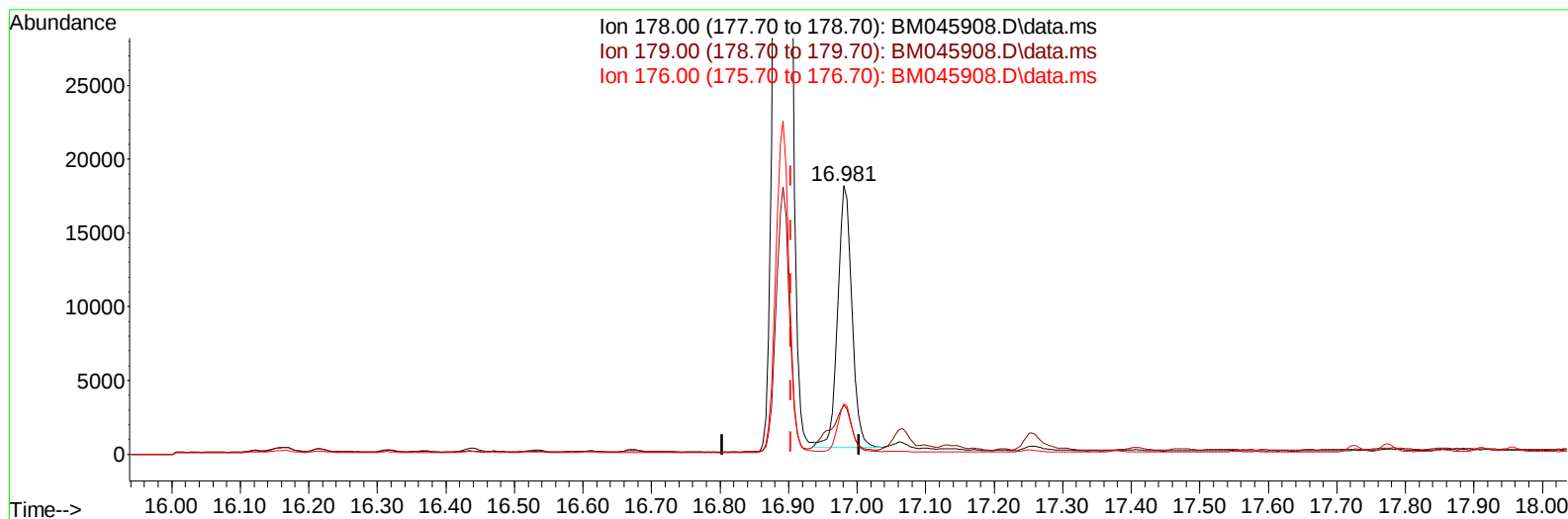
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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TIC: BM045908.D\data.ms

(15) Phenanthrene

16.981min (+ 0.077) 0.40 ng/u1

response 25572

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	18.38
176.00	19.50	18.88
0.00	0.00	0.00

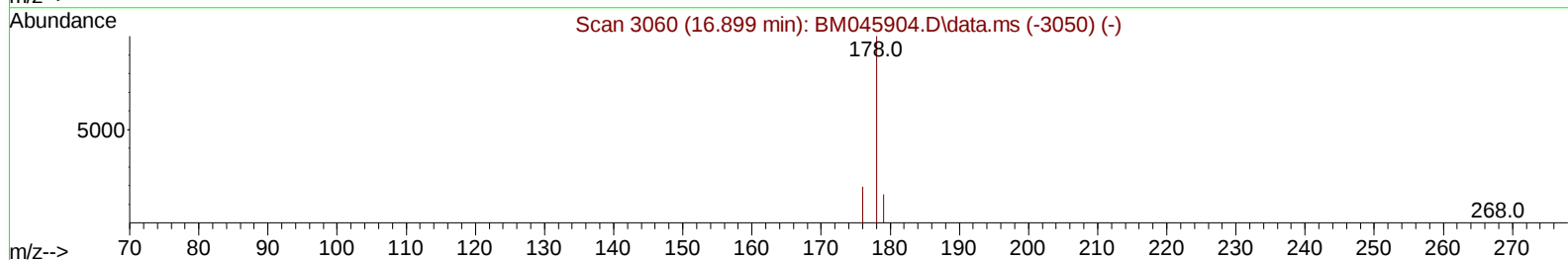
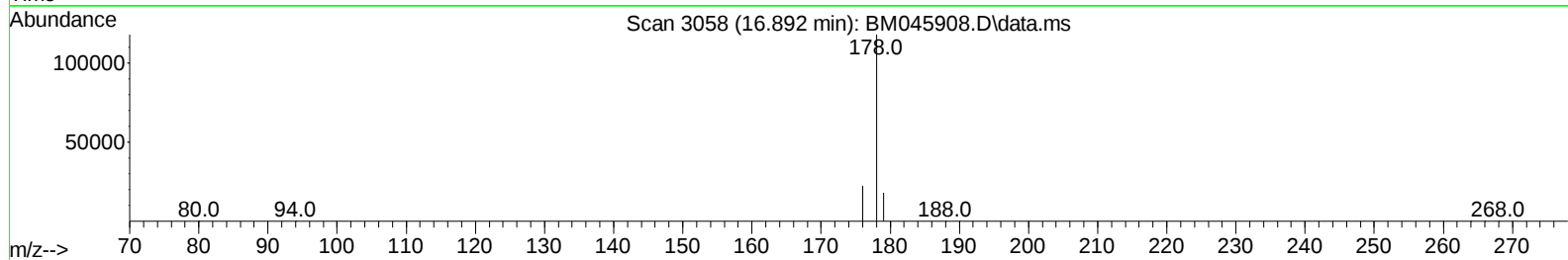
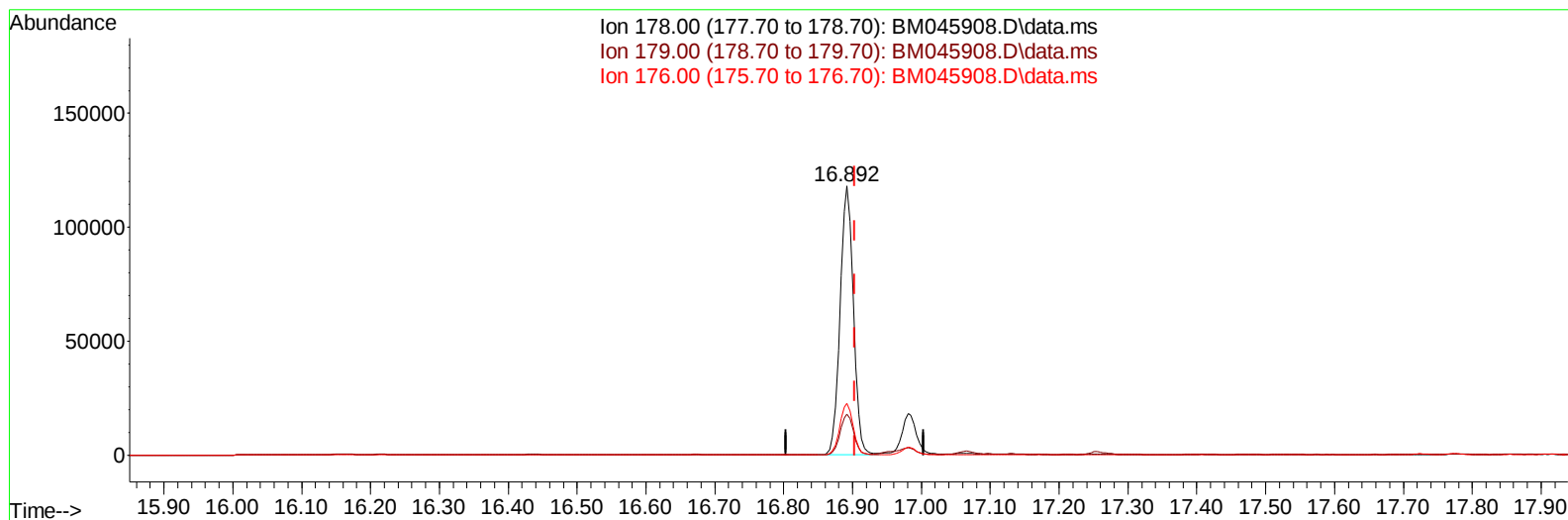
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(15) Phenanthrene

16.892min (-0.012) 2.47 ng/ul m

response 157981

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.34
176.00	19.50	19.13
0.00	0.00	0.00

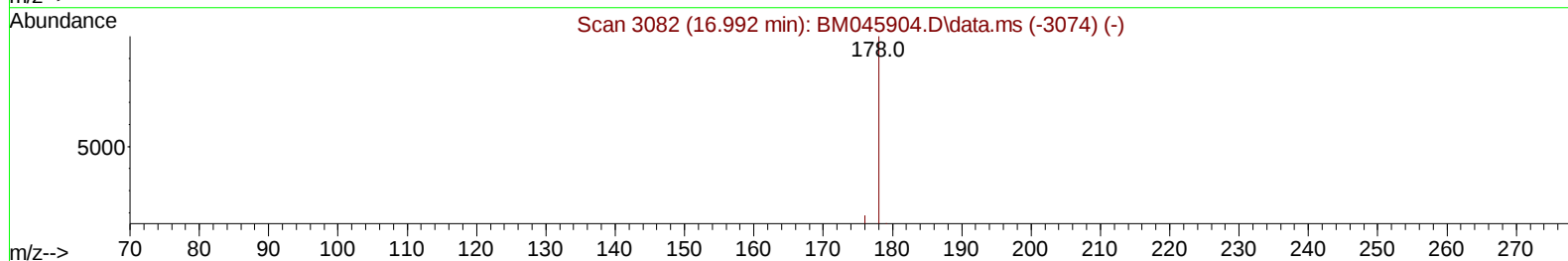
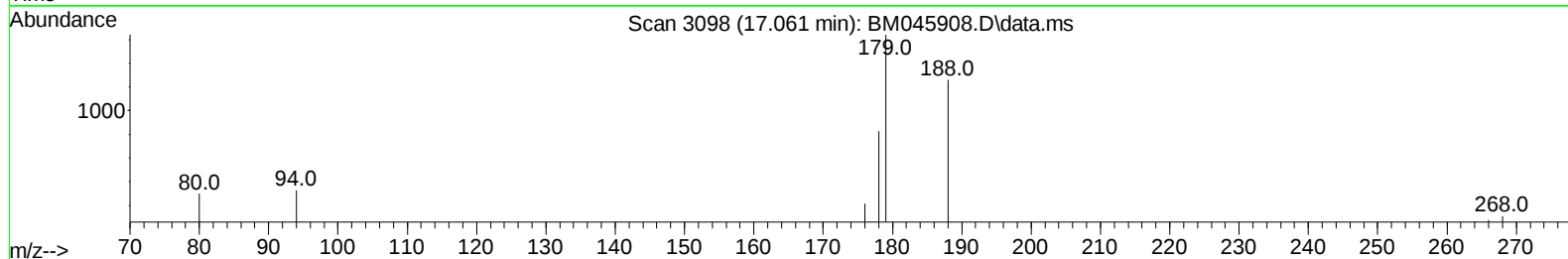
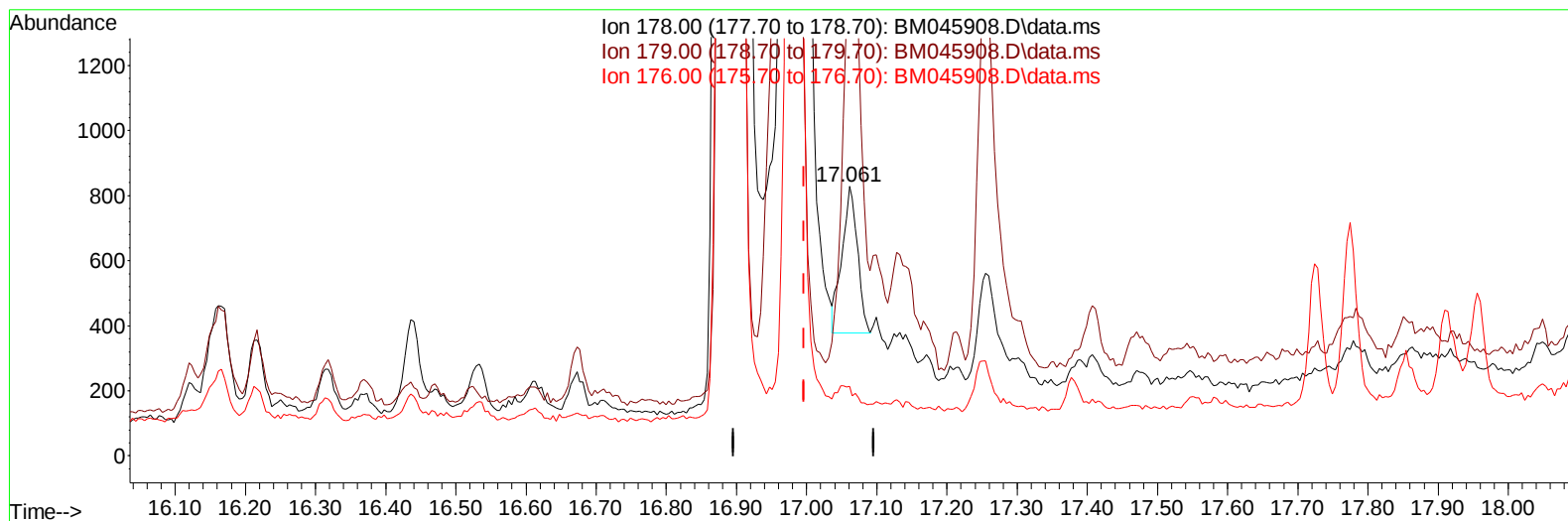
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(16) Anthracene

17.061min (+ 0.064) 0.01 ng/u1

response 698

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	198.19#
176.00	19.40	25.72#
0.00	0.00	0.00

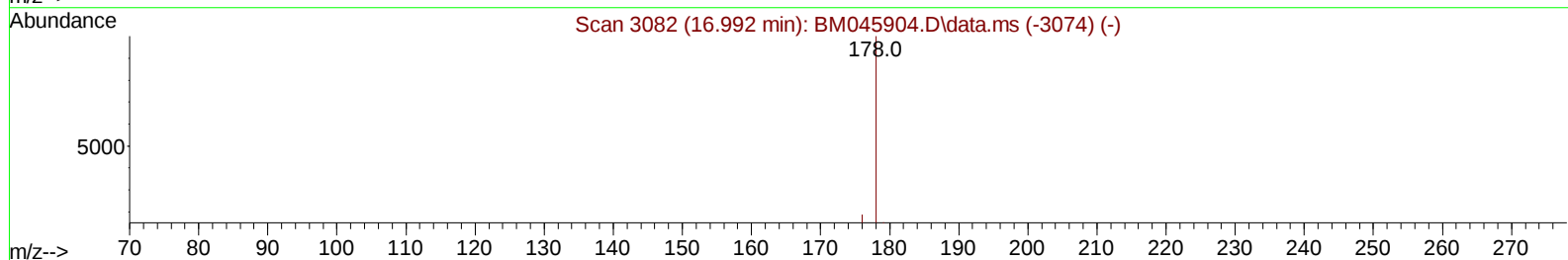
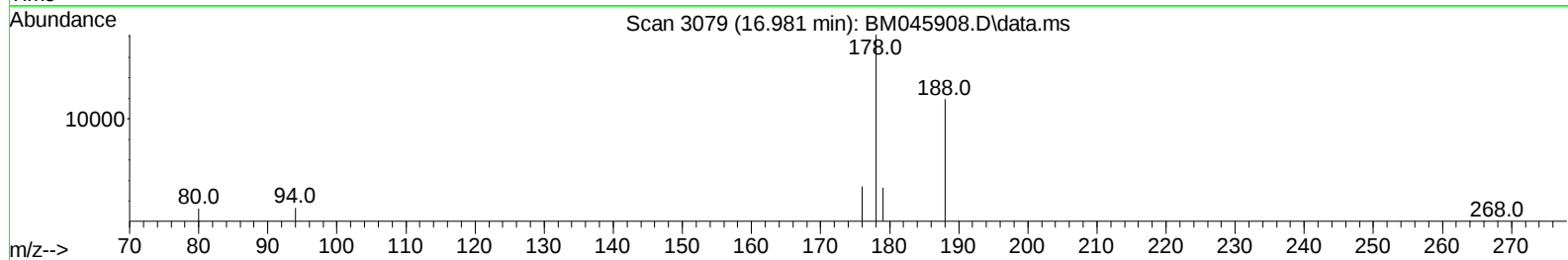
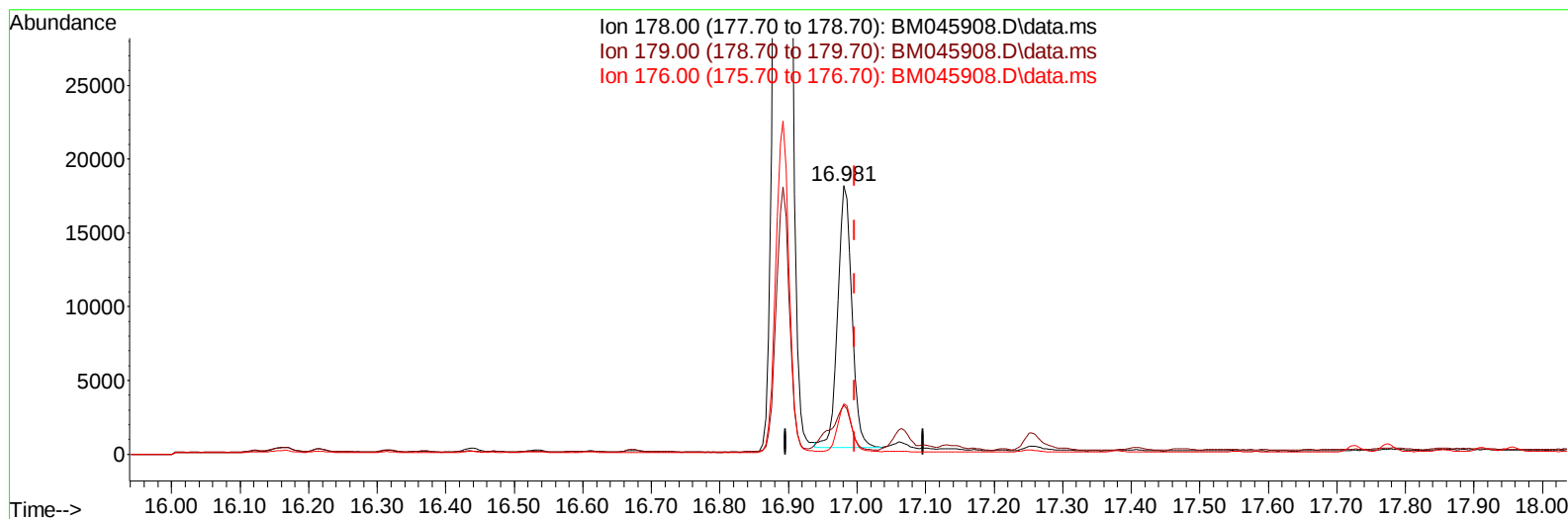
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(16) Anthracene

16.981min (-0.016) 0.47 ng/u1 m

response 25618

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	18.38
176.00	19.40	18.88
0.00	0.00	0.00

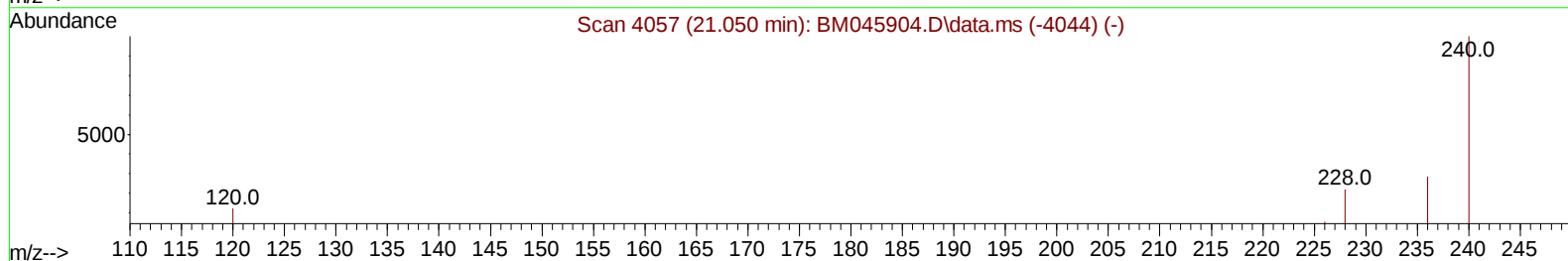
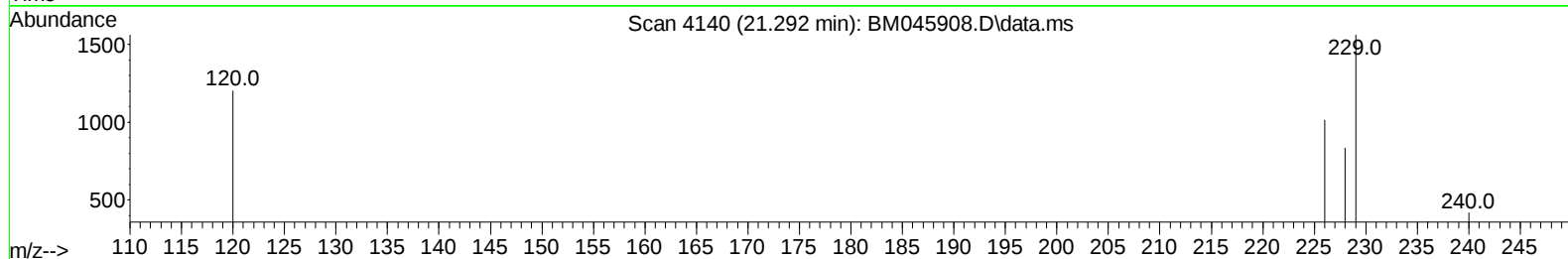
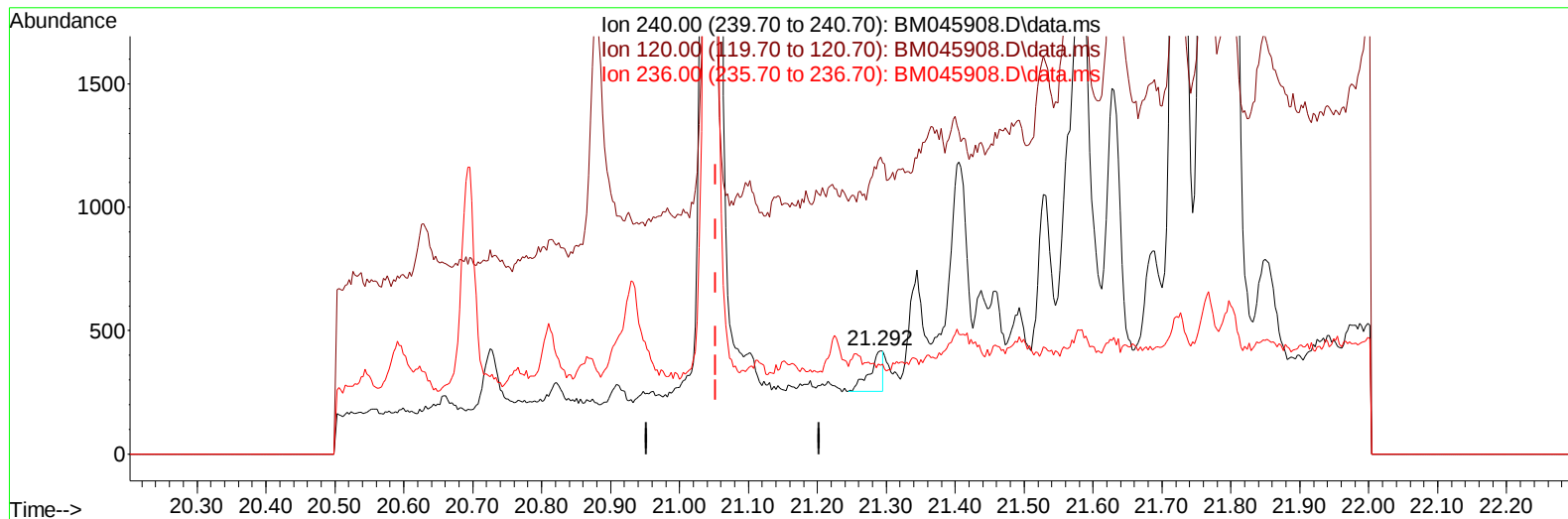
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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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Reviewed By :Yogesh Patel 06/10/2024
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TIC: BM045908.D\data.ms

(17) Chrysene-d12

21.292min (+ 0.239) 0.40 ng/u1

response 218

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	287.35#
236.00	29.50	85.68#
0.00	0.00	0.00

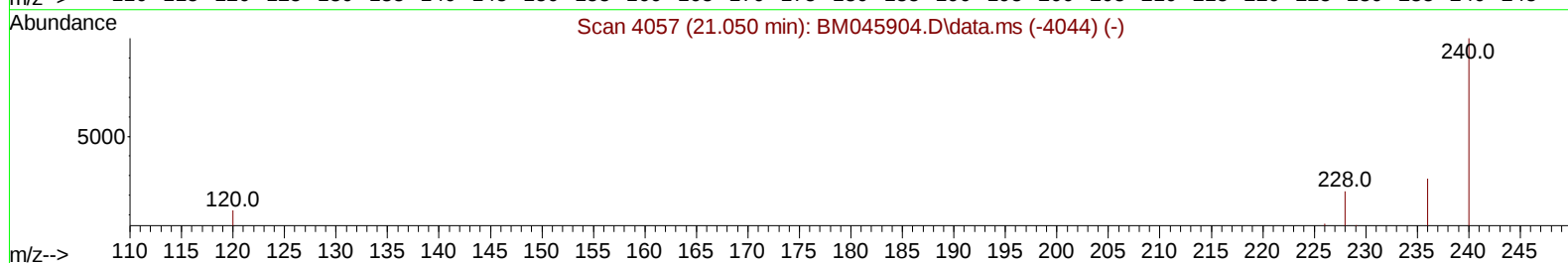
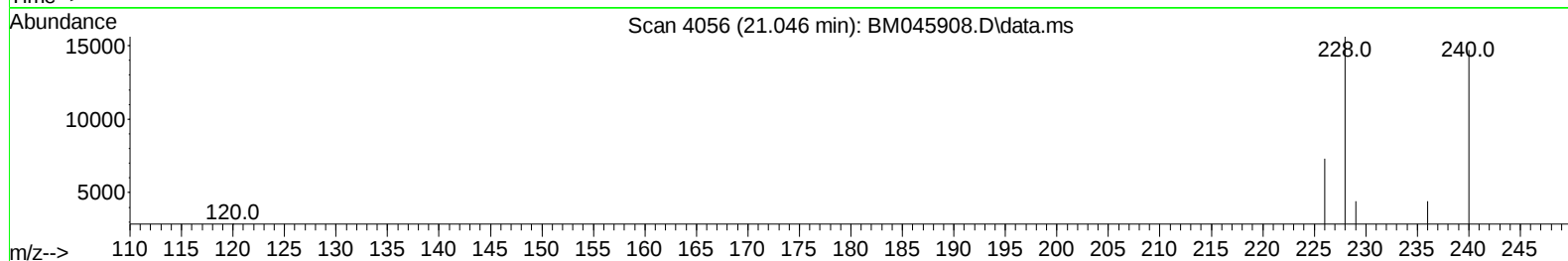
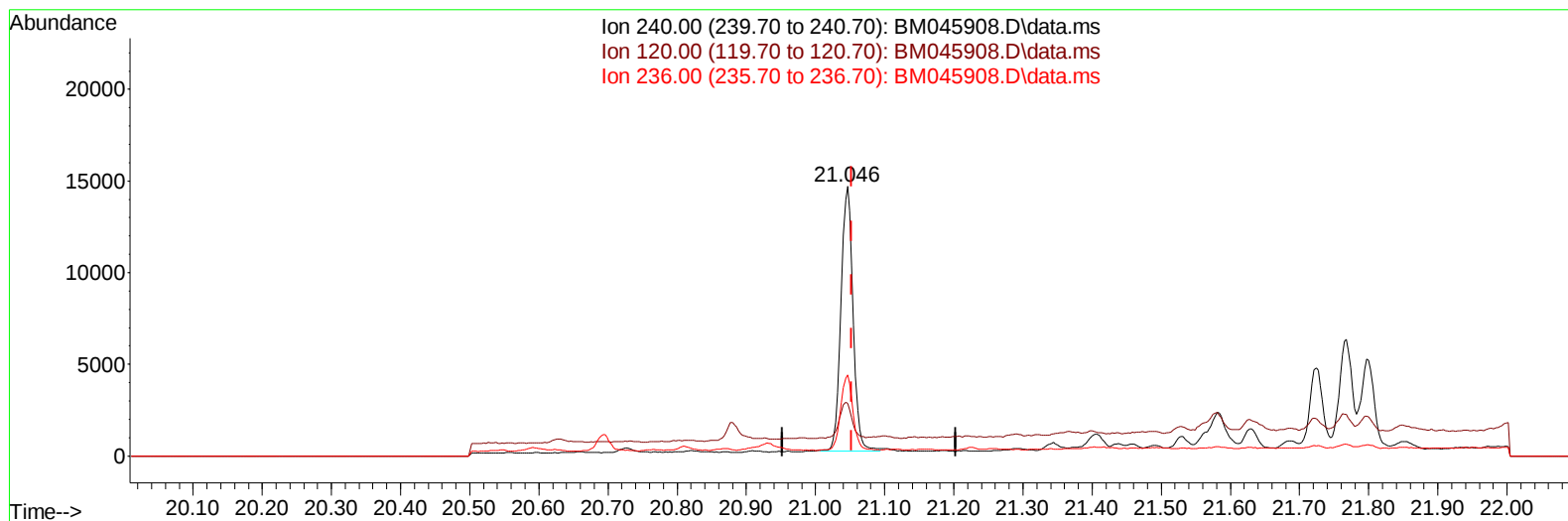
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(17) Chrysene-d12

21.046min (-0.006) 0.40 ng/u1 m

response 17528

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	19.45#
236.00	29.50	29.96
0.00	0.00	0.00

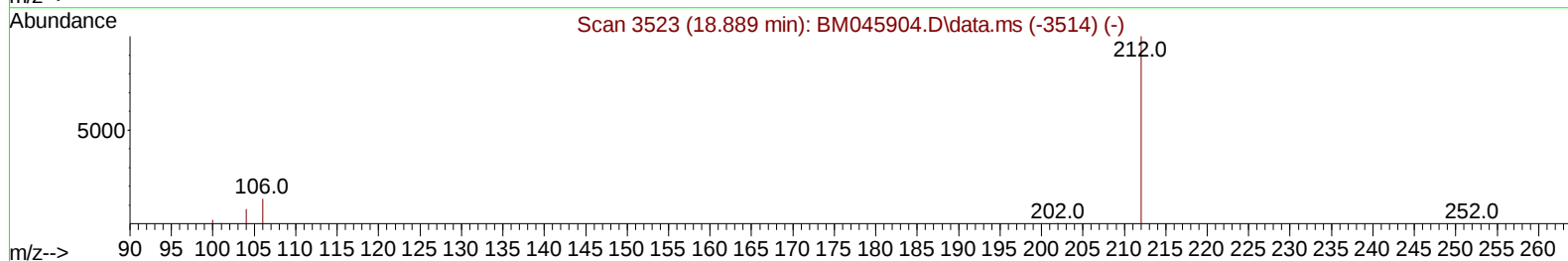
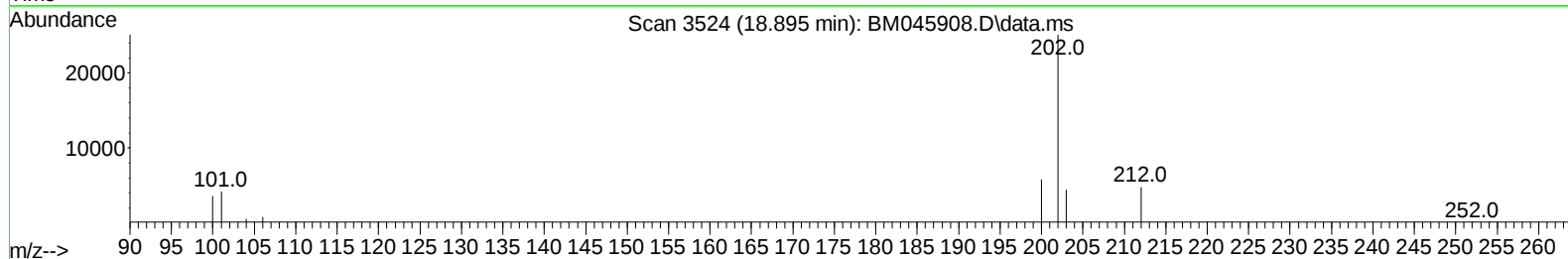
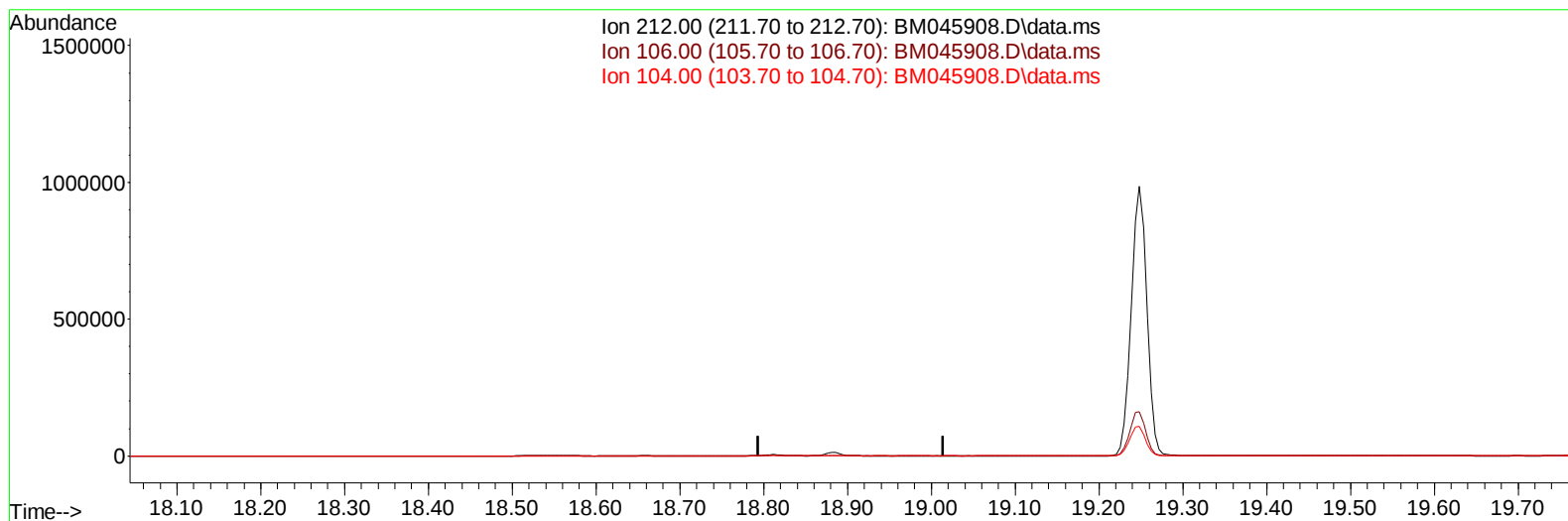
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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TIC: BM045908.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

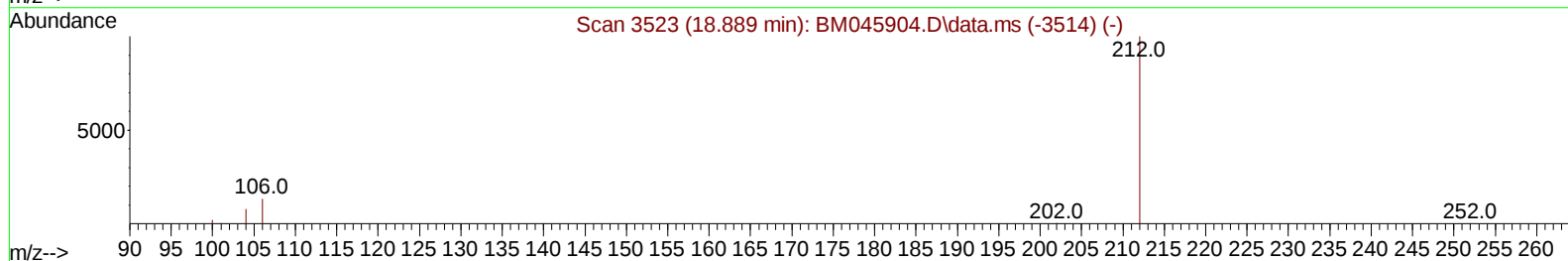
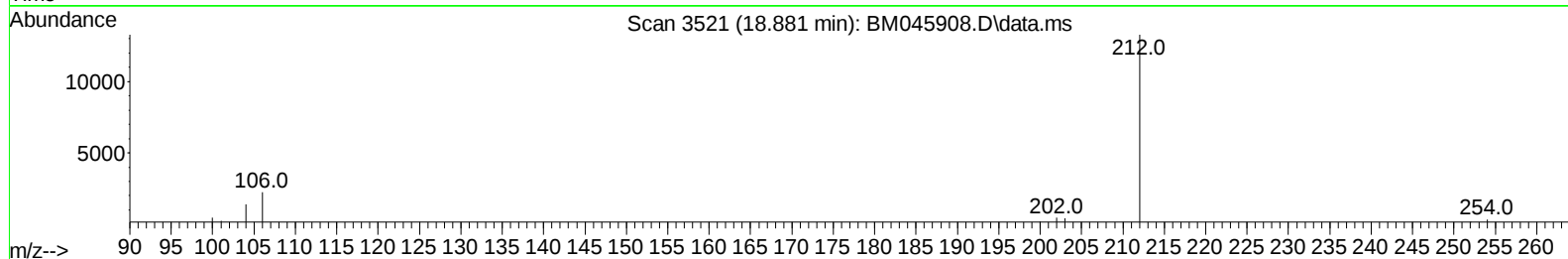
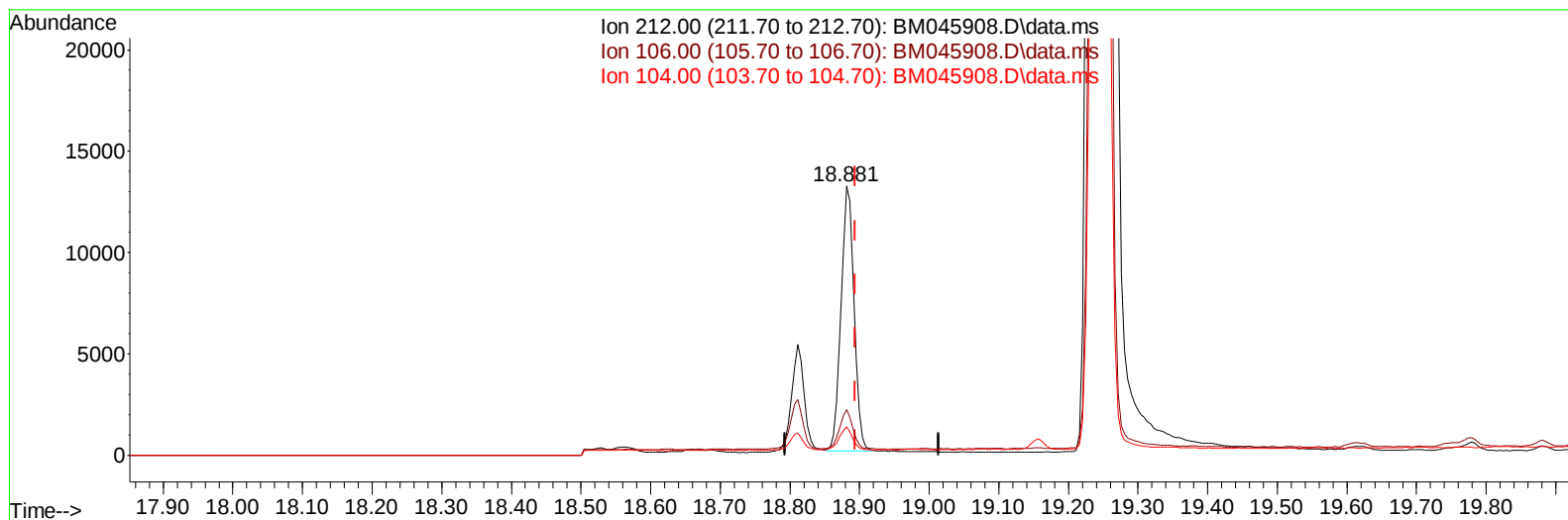
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.881min (-0.013) 0.32 ng/u1 m

response 16827

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

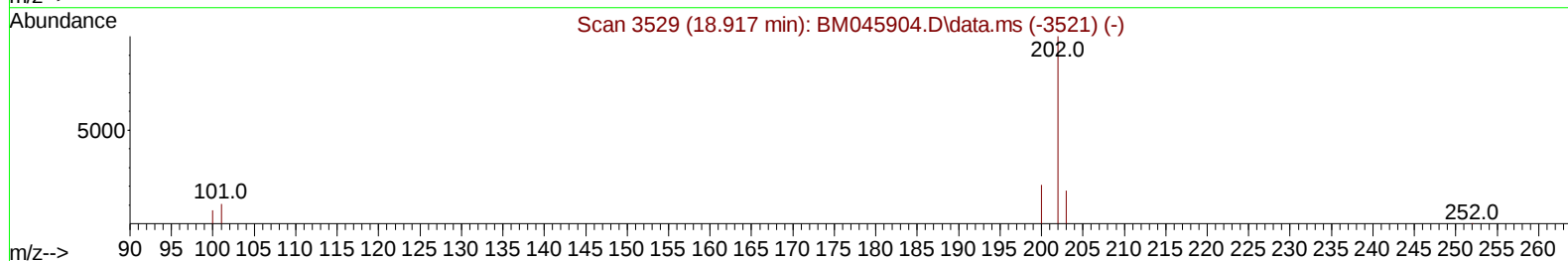
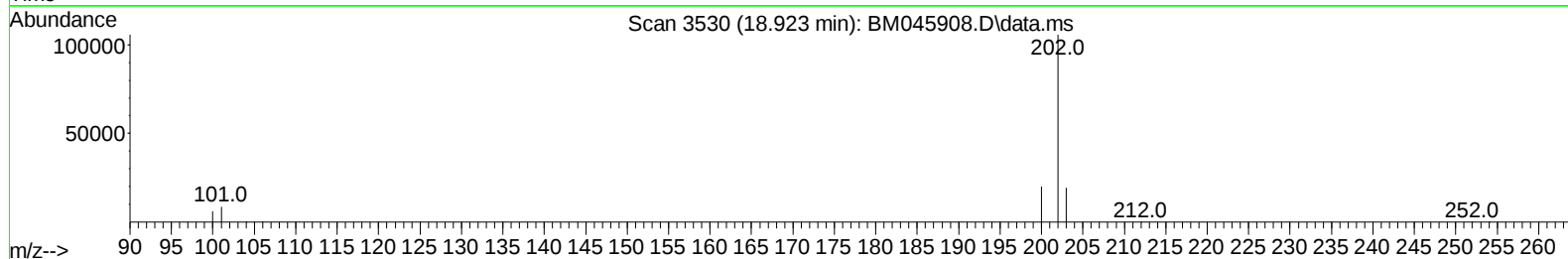
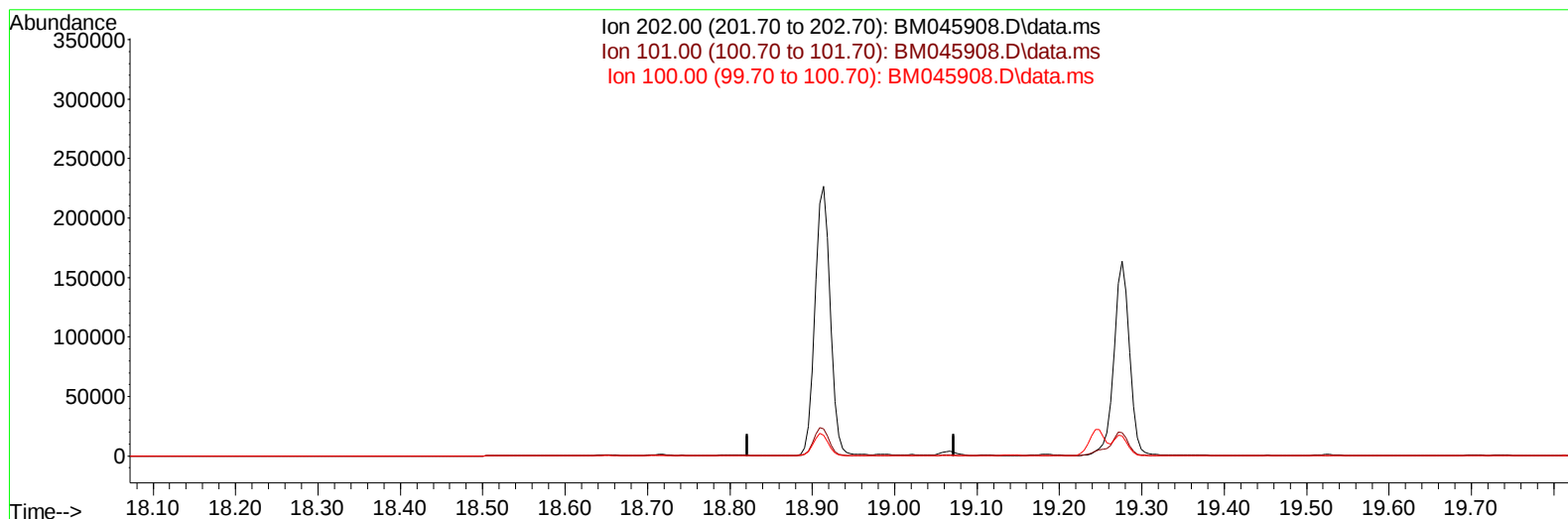
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 2024
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TIC: BM045908.D\data.ms

(19) Fluoranthene (C)

18.922min (-18.922) 0.00 ng/u1

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

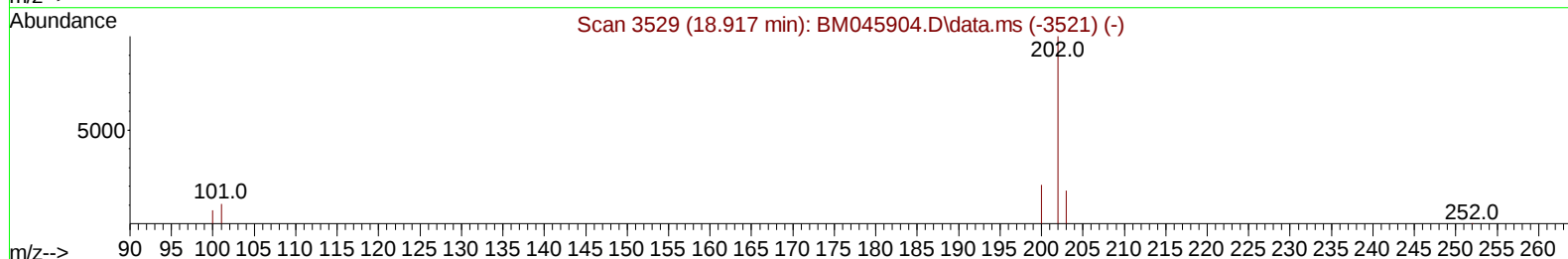
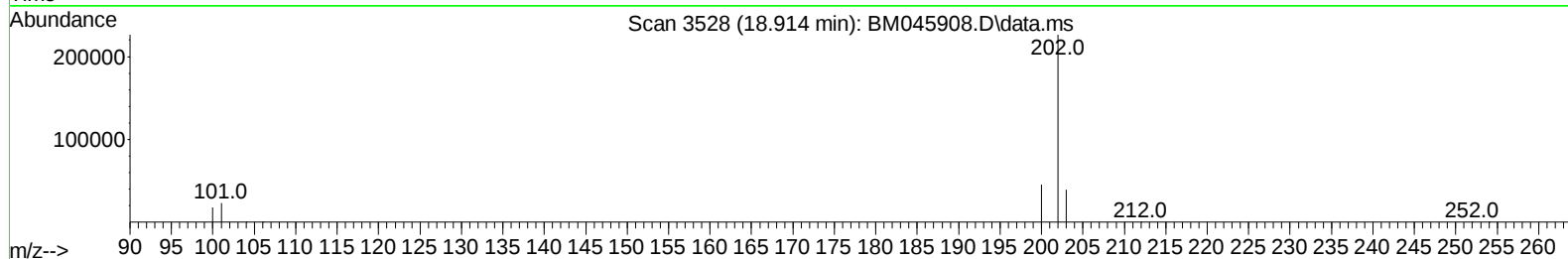
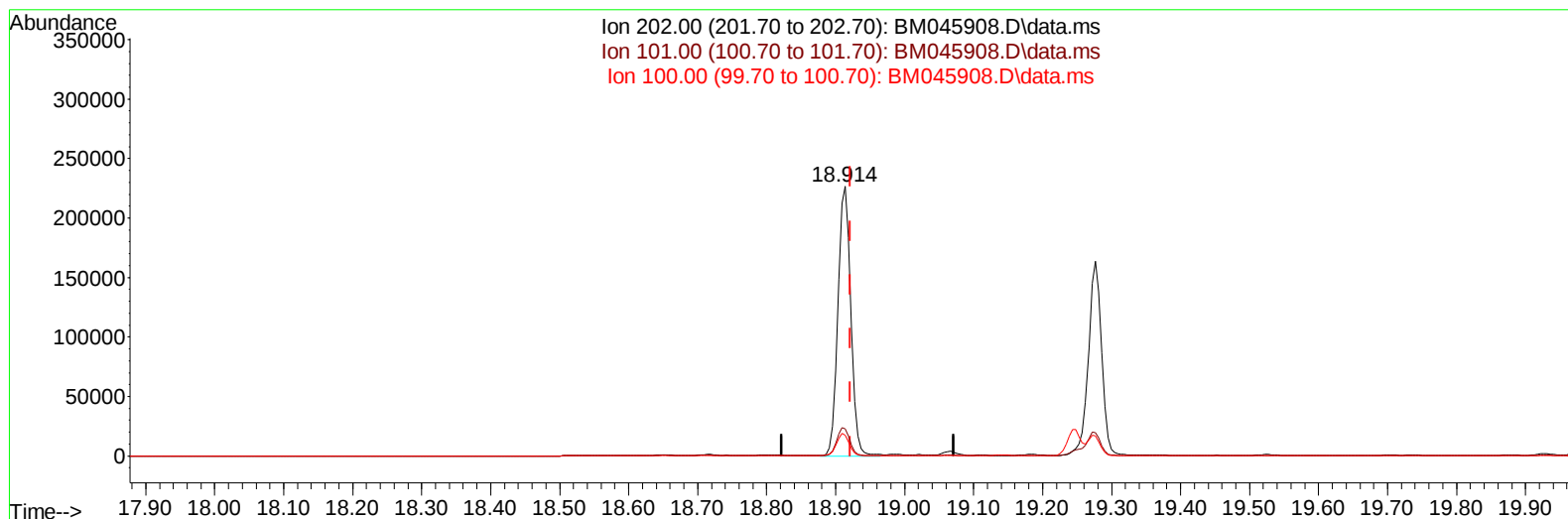
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045908.D\data.ms

(19) Fluoranthene (C)

18.914min (-0.008) 4.24 ng/ul m

response 296027

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	10.16
100.00	8.80	7.78
0.00	0.00	0.00

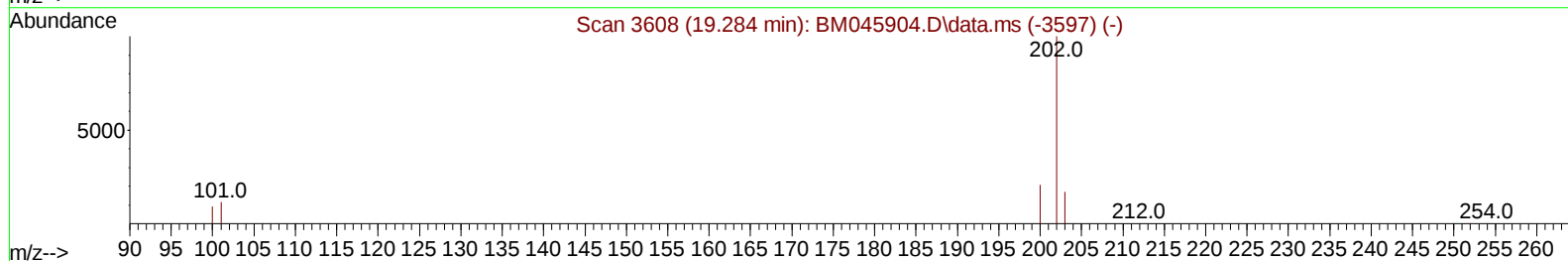
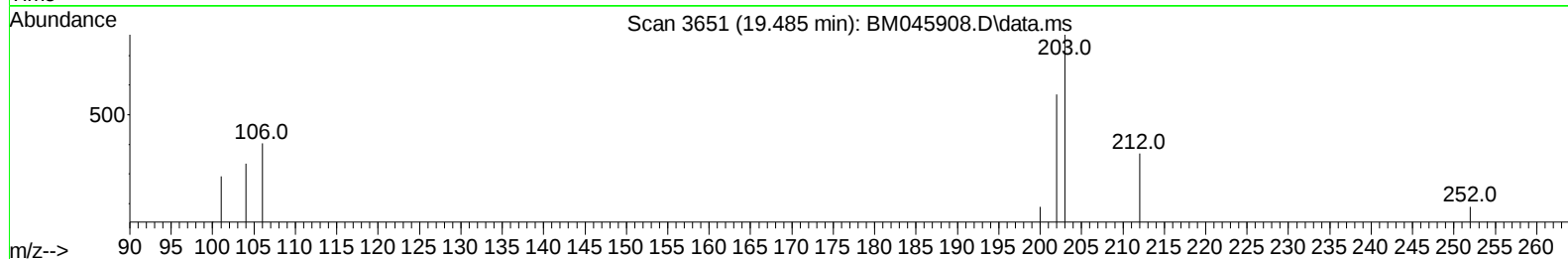
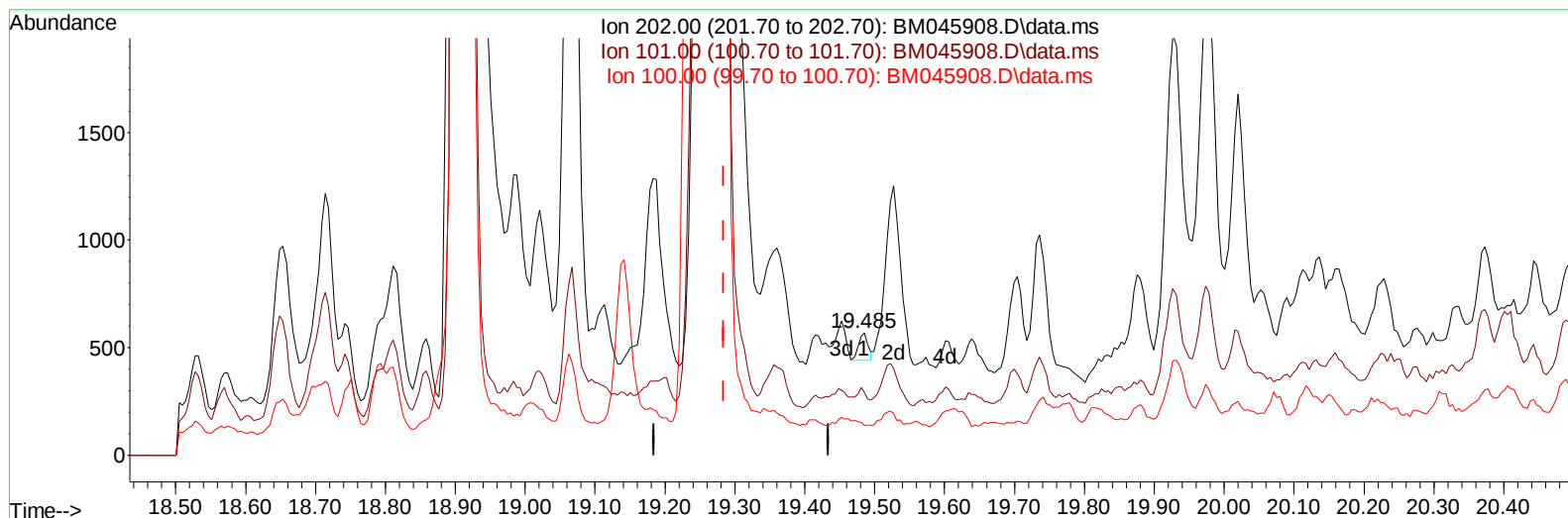
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(20) Pyrene

19.485min (+ 0.201) 0.00 ng/u1

response 122

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	51.41#
100.00	11.40	24.30#
0.00	0.00	0.00

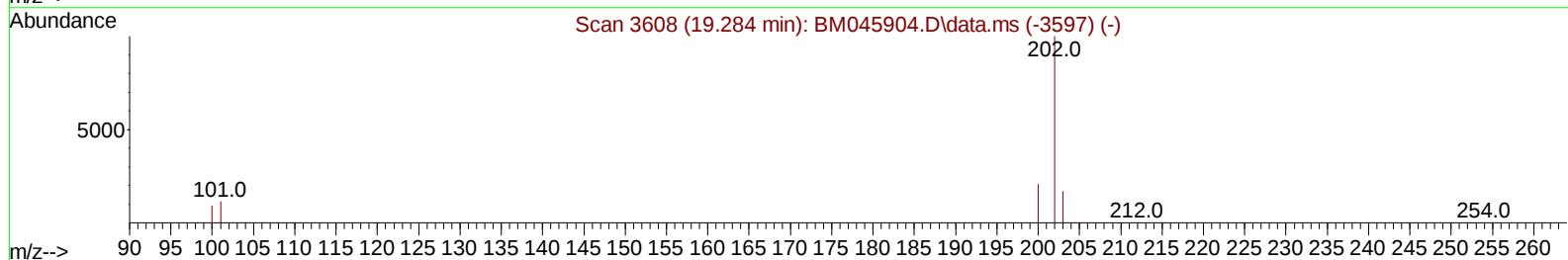
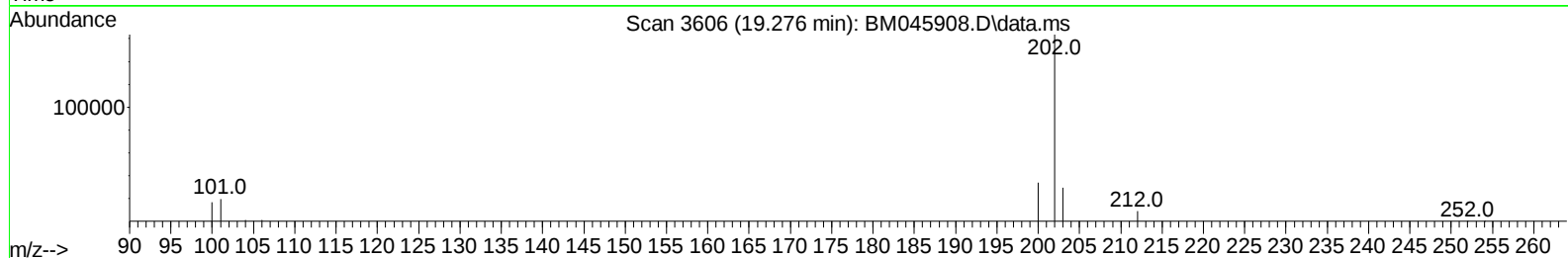
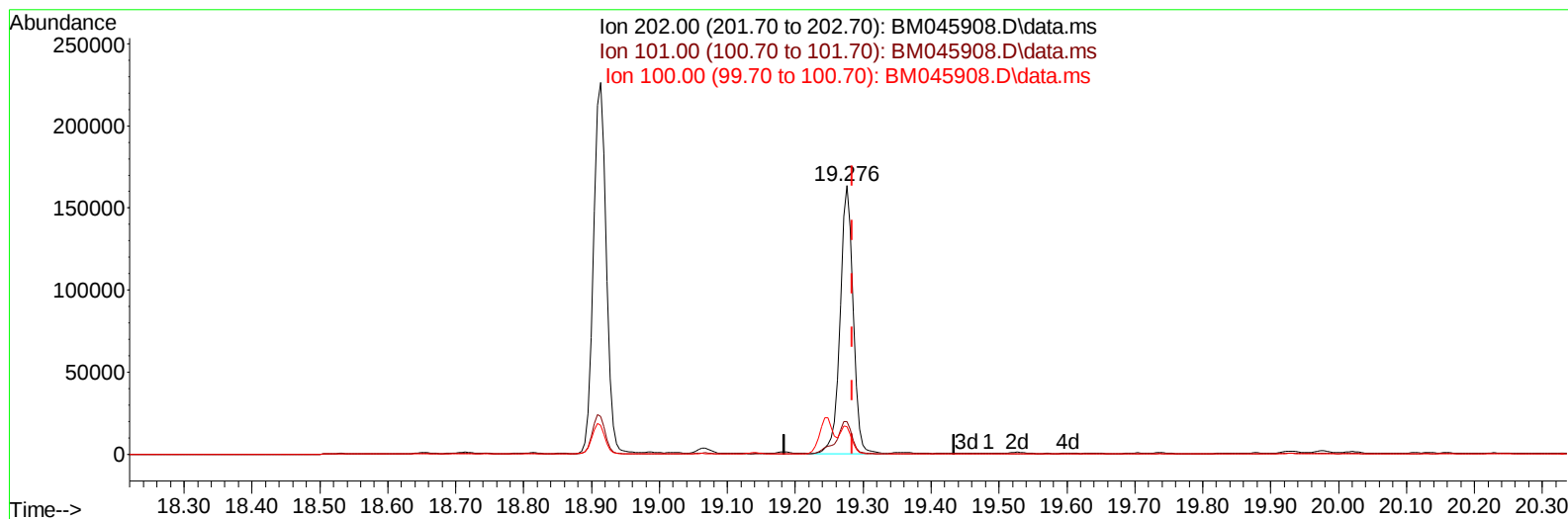
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(20) Pyrene

19.276min (-0.008) 2.97 ng/u1 m

response 216556

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	12.11
100.00	11.40	10.18
0.00	0.00	0.00

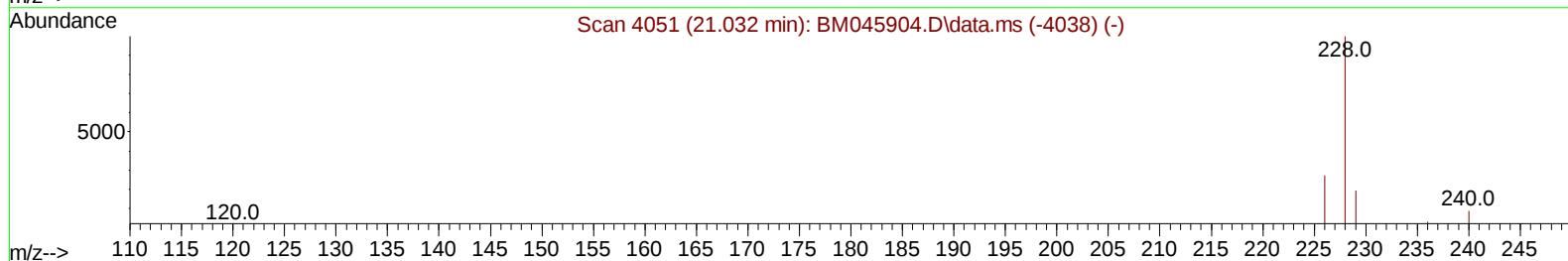
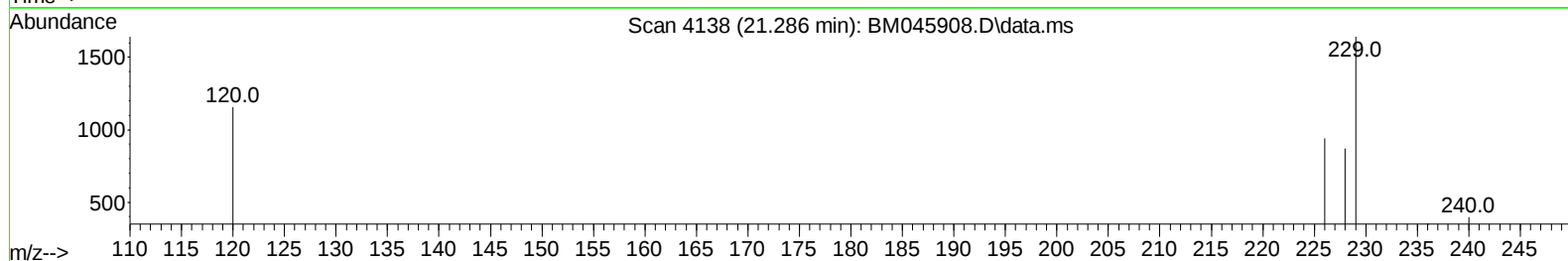
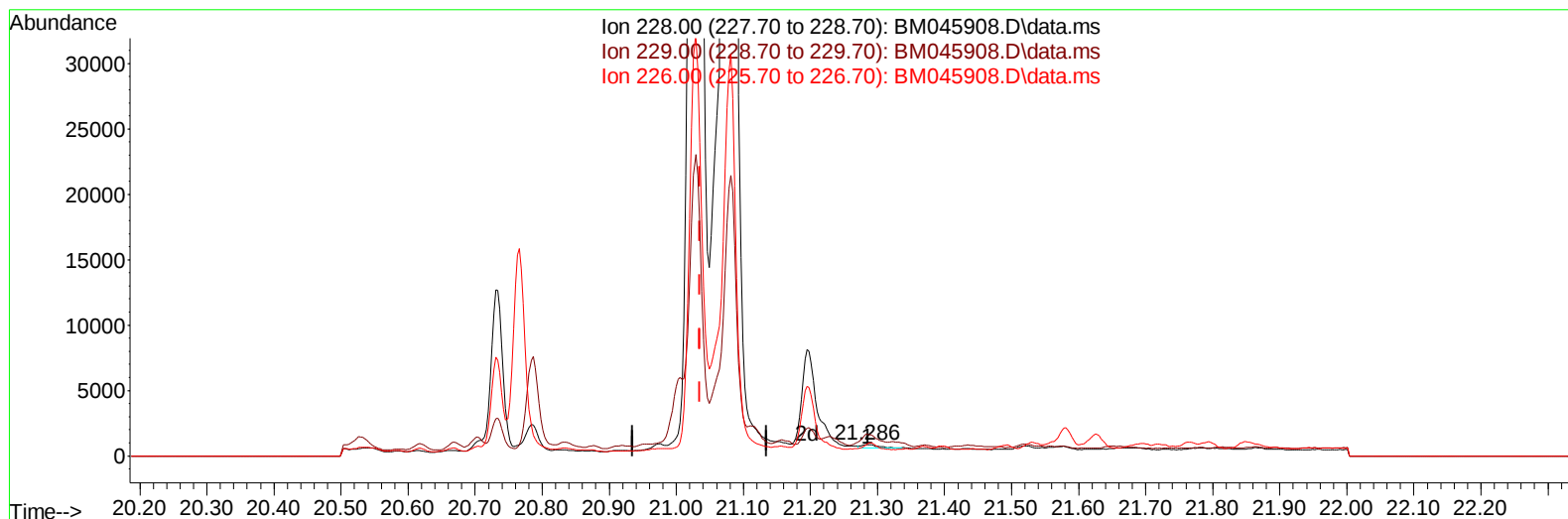
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(21) Benzo(a)anthracene

21.286min (+ 0.251) 0.01 ng/u1

response 490

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	188.52#
226.00	27.50	107.92#
0.00	0.00	0.00

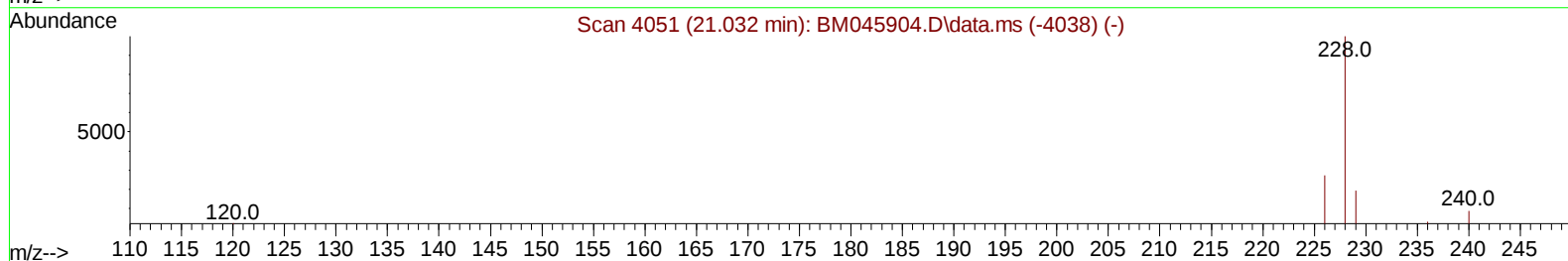
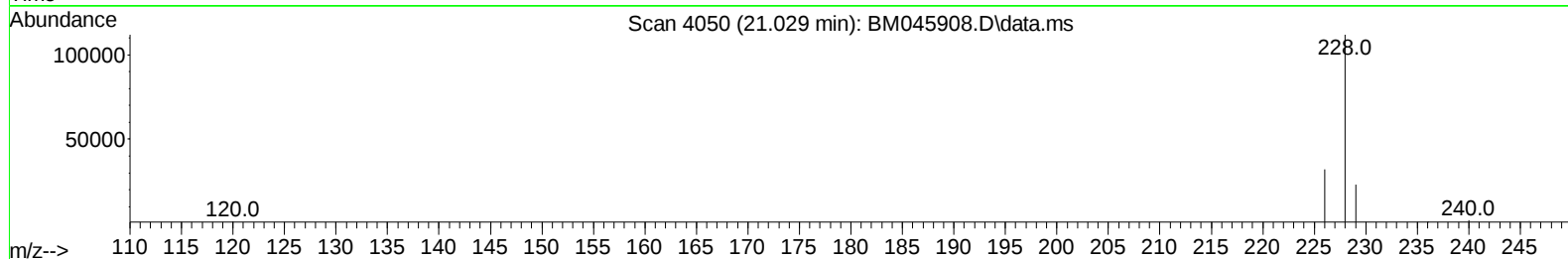
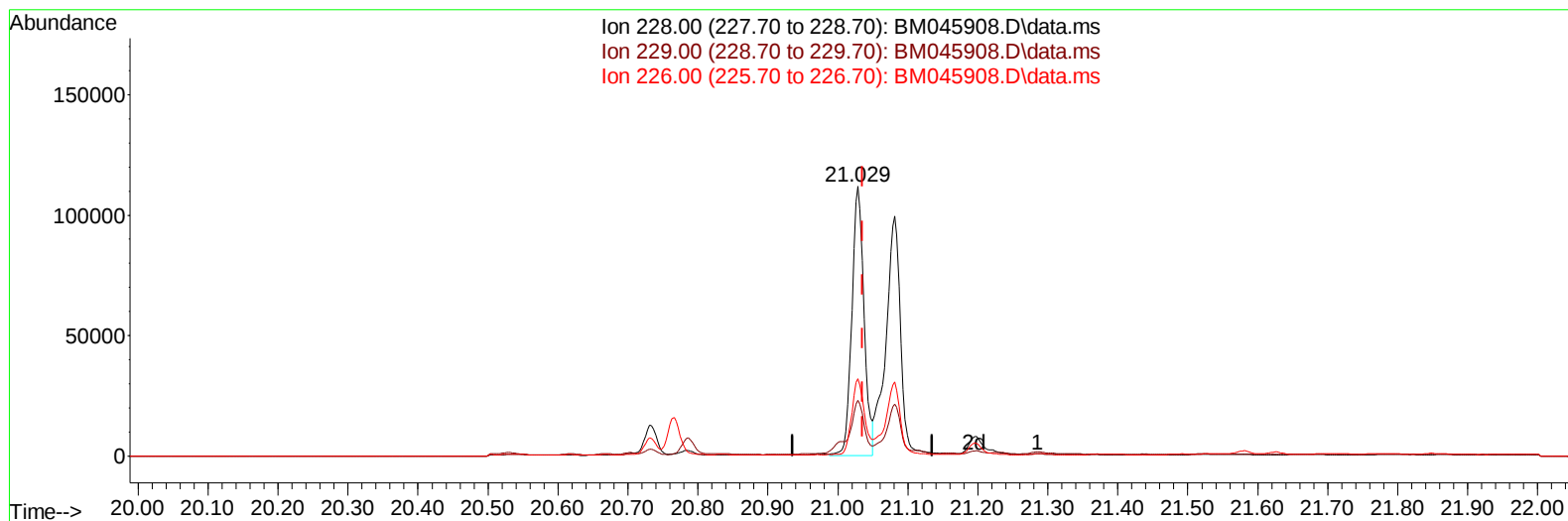
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(21) Benzo(a)anthracene

21.029min (-0.006) 2.10 ng/u1 m

response 135267

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.59
226.00	27.50	28.57
0.00	0.00	0.00

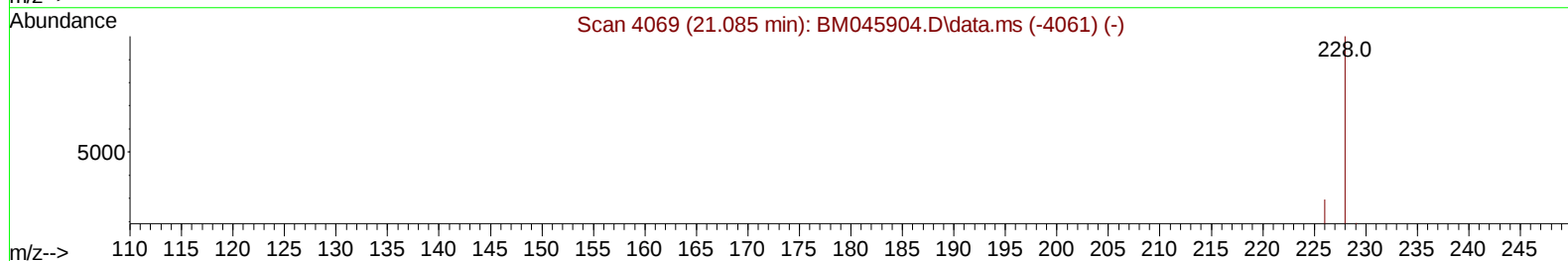
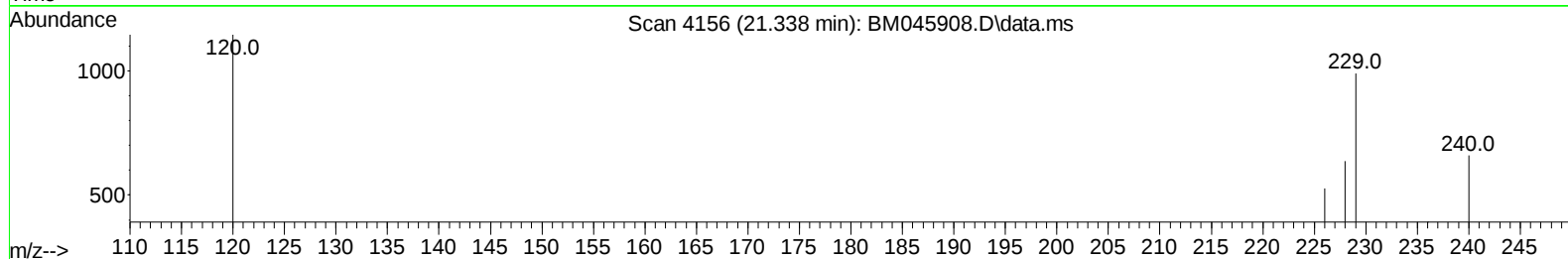
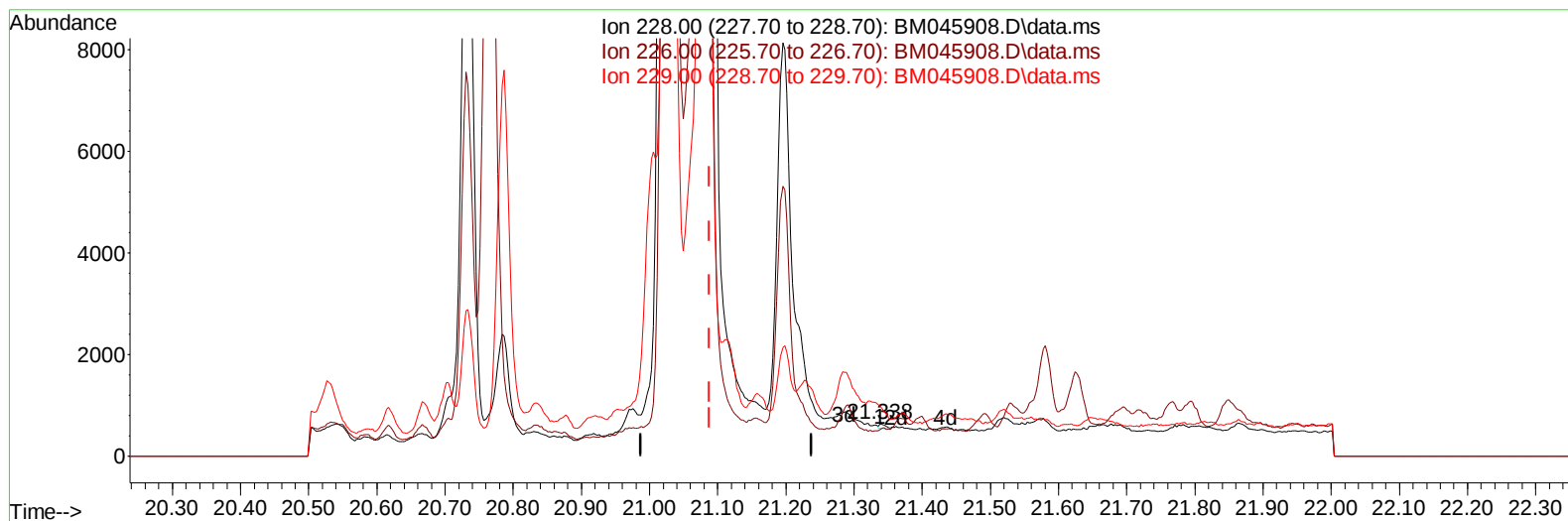
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045908.D
 Acq On : 08 Jun 2024 10:10
 Operator : MA/JU
 Sample : P2640-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(22) Chrysene

21.338min (+ 0.251) 0.00 ng/u1

response 57

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	82.60#
229.00	20.20	155.17#
0.00	0.00	0.00

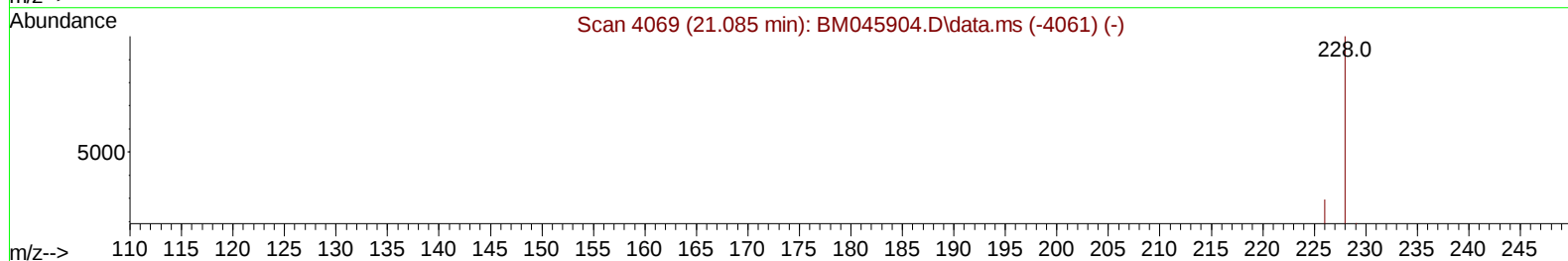
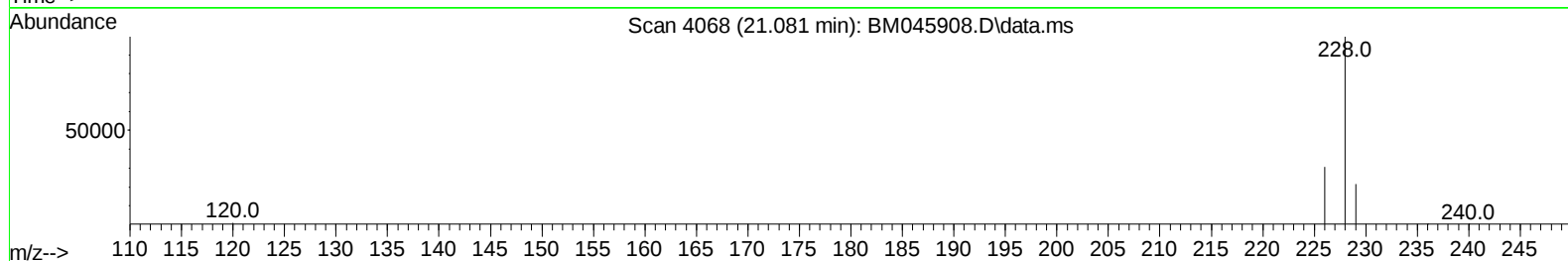
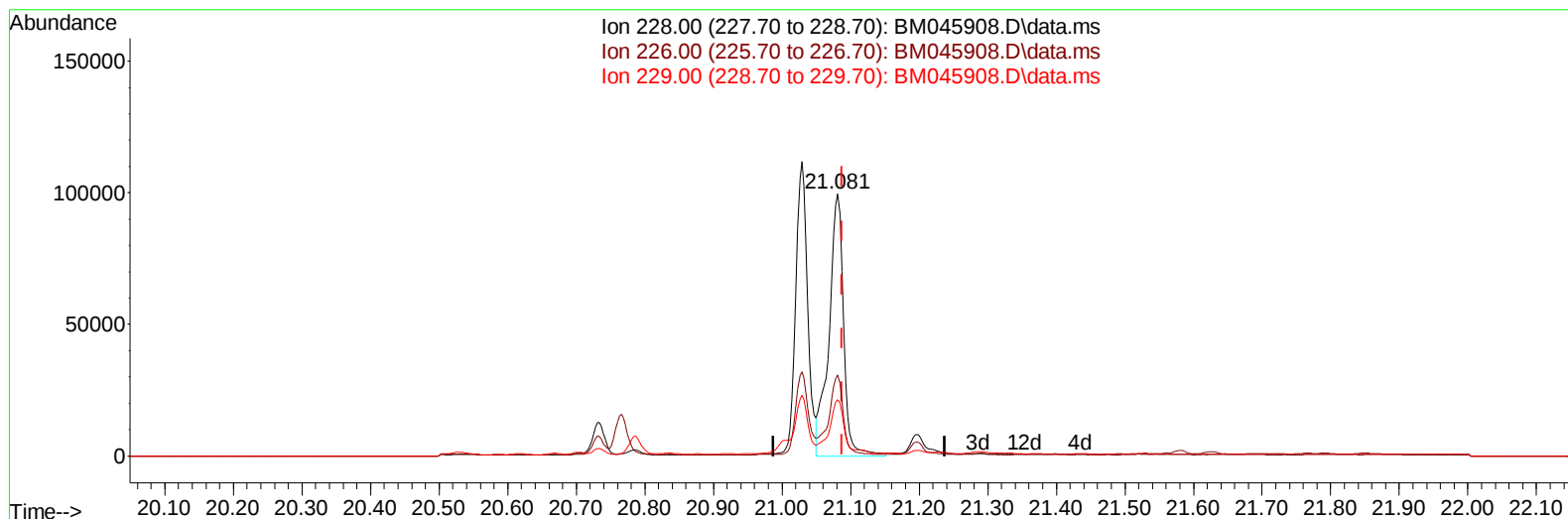
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(22) Chrysene

21.081min (-0.006) 2.12 ng/ul m

response 148347

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	30.84
229.00	20.20	21.52
0.00	0.00	0.00

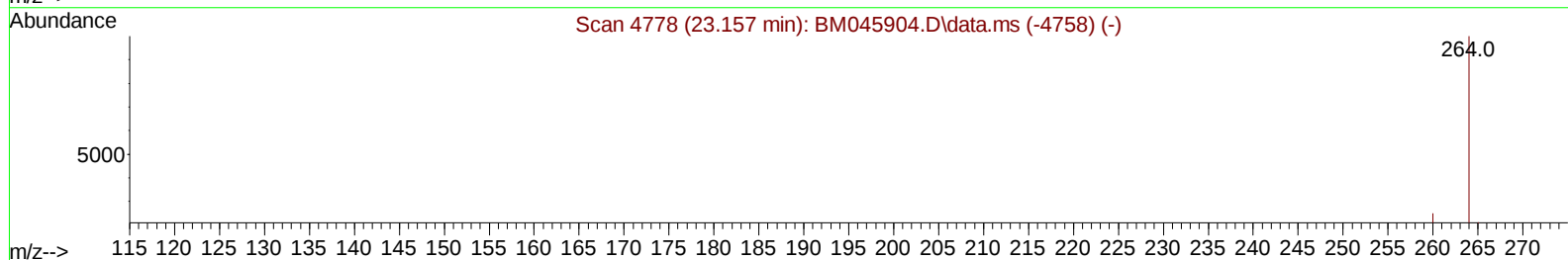
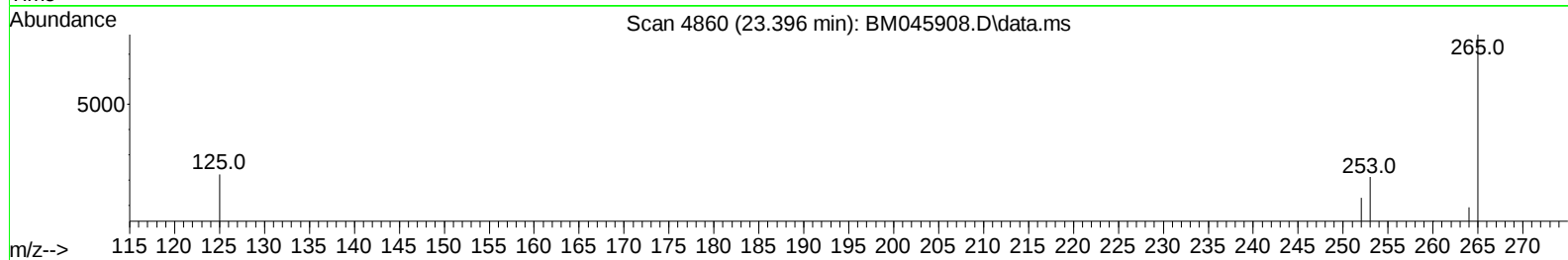
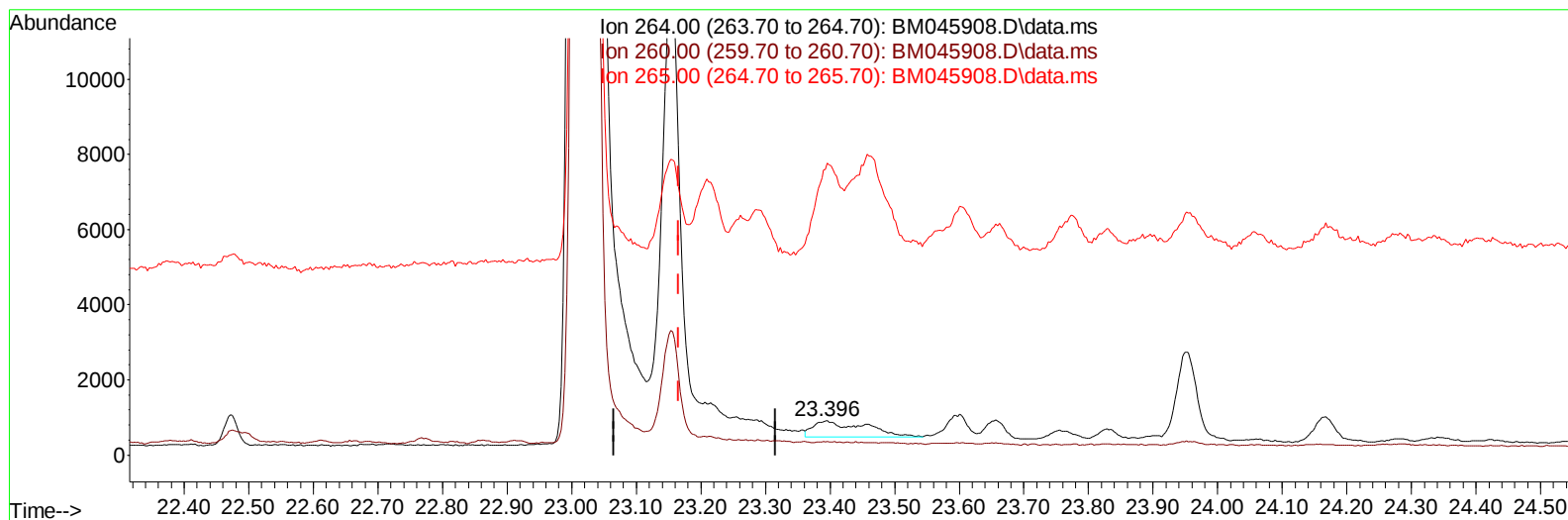
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(23) Perylene-d12 (I)

23.396min (+ 0.230) 0.40 ng/u1

response 2337

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	40.64#
265.00	76.60	850.38#
0.00	0.00	0.00

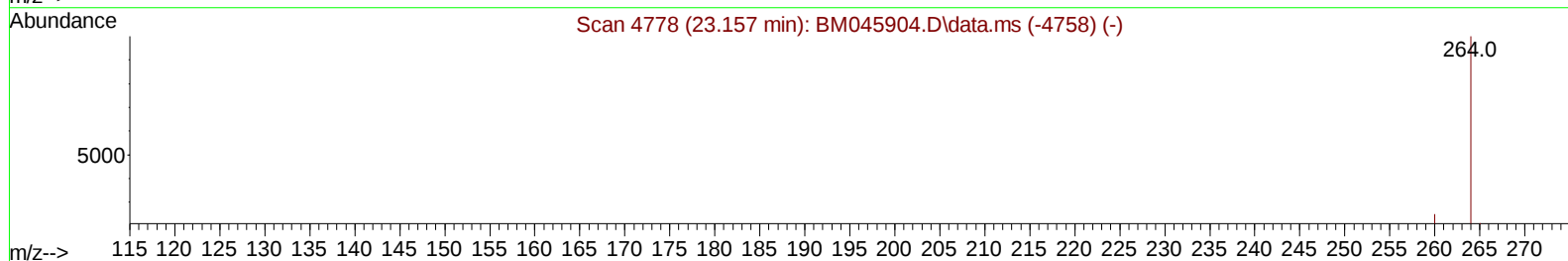
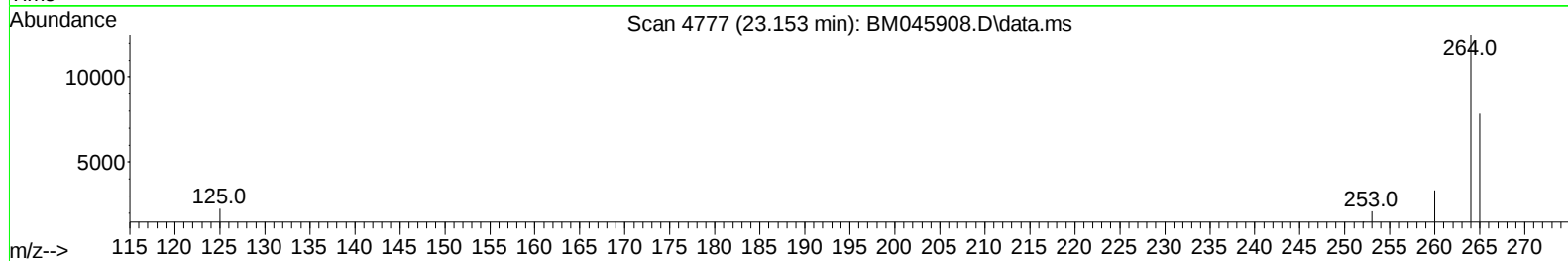
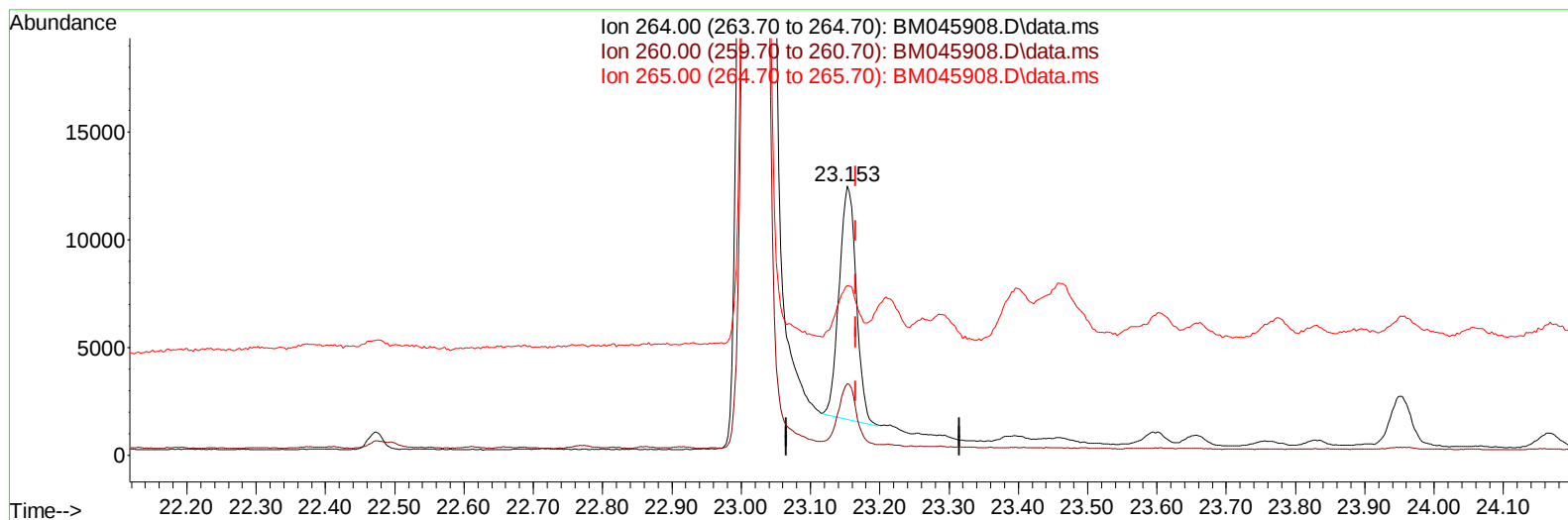
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(23) Perylene-d12 (I)

23.153min (-0.012) 0.40 ng/ul m

response 18658

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	26.59
265.00	76.60	63.03
0.00	0.00	0.00

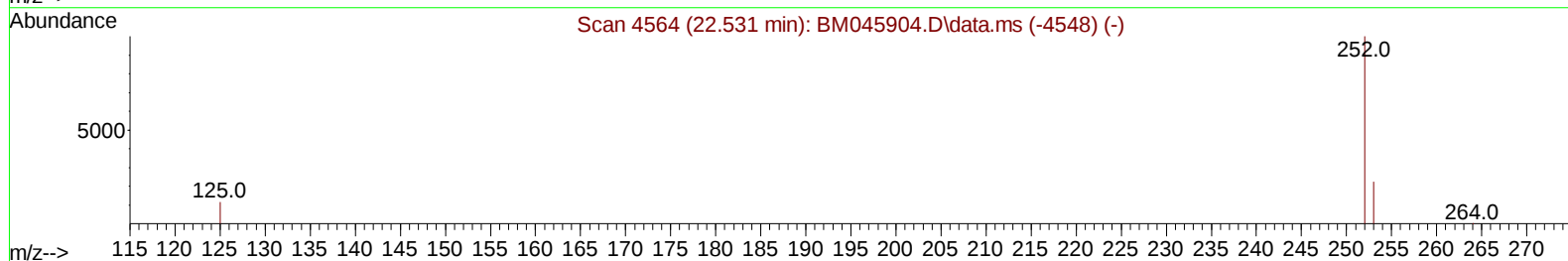
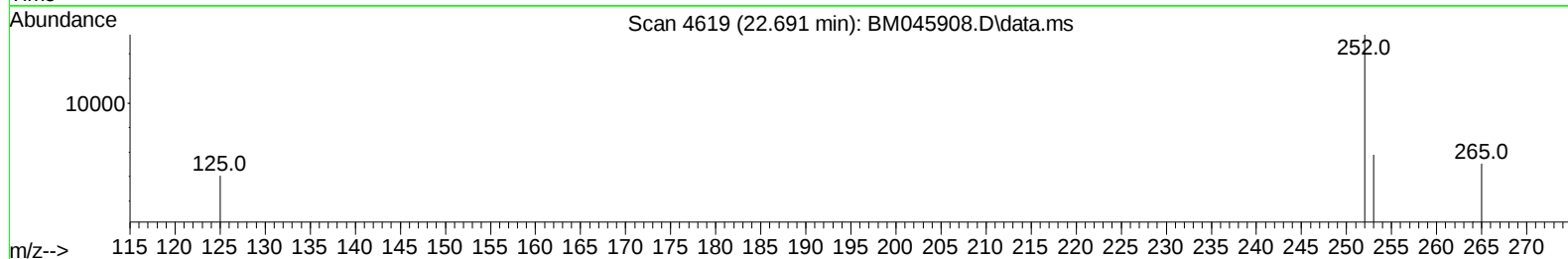
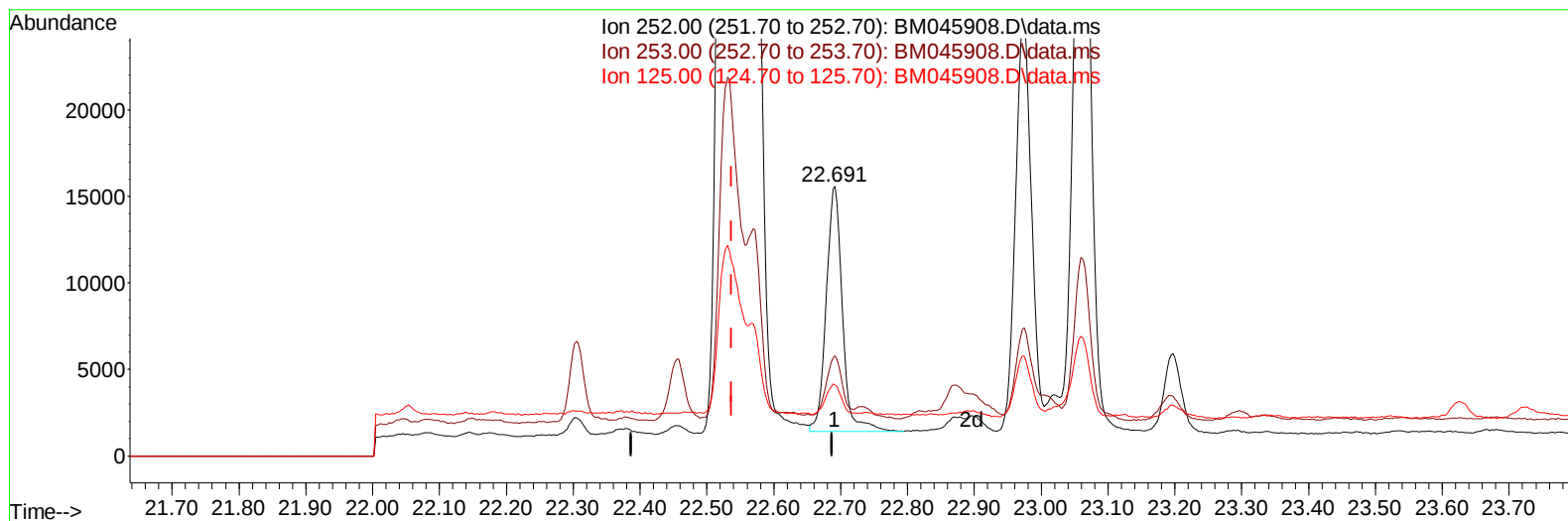
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(24) Benzo(b)fluoranthene

22.691min (+ 0.154) 0.39 ng/u1

response 23882

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	37.22
125.00	17.90	26.27
0.00	0.00	0.00

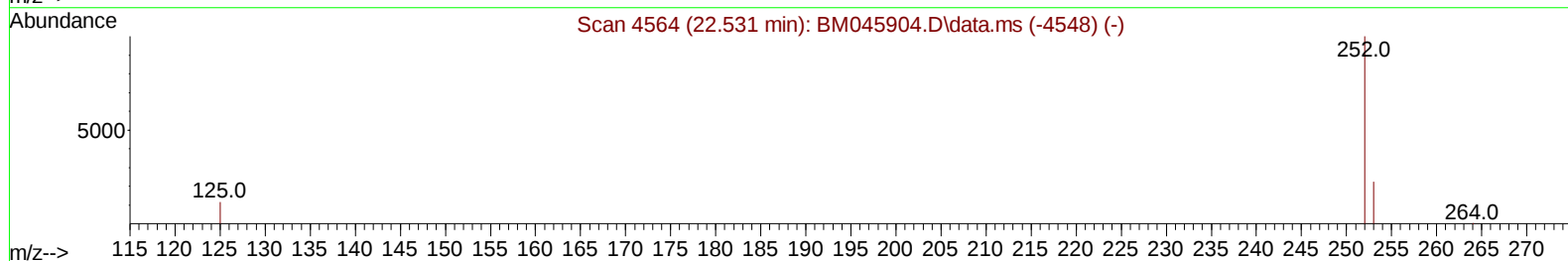
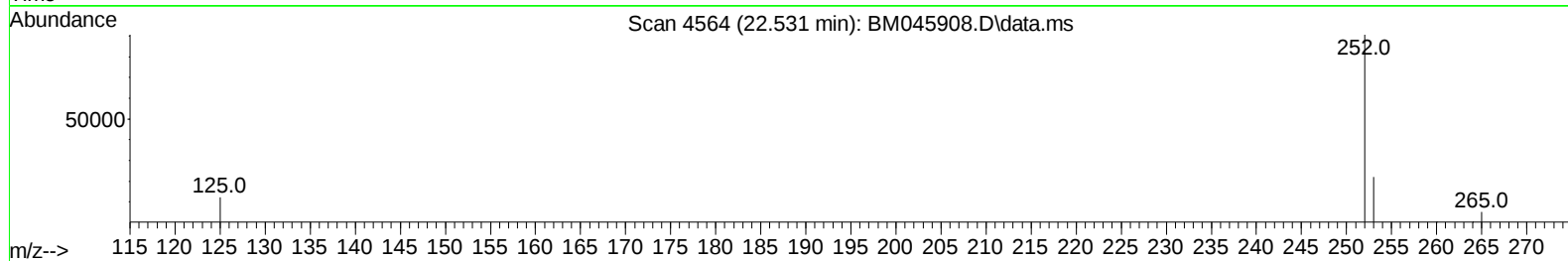
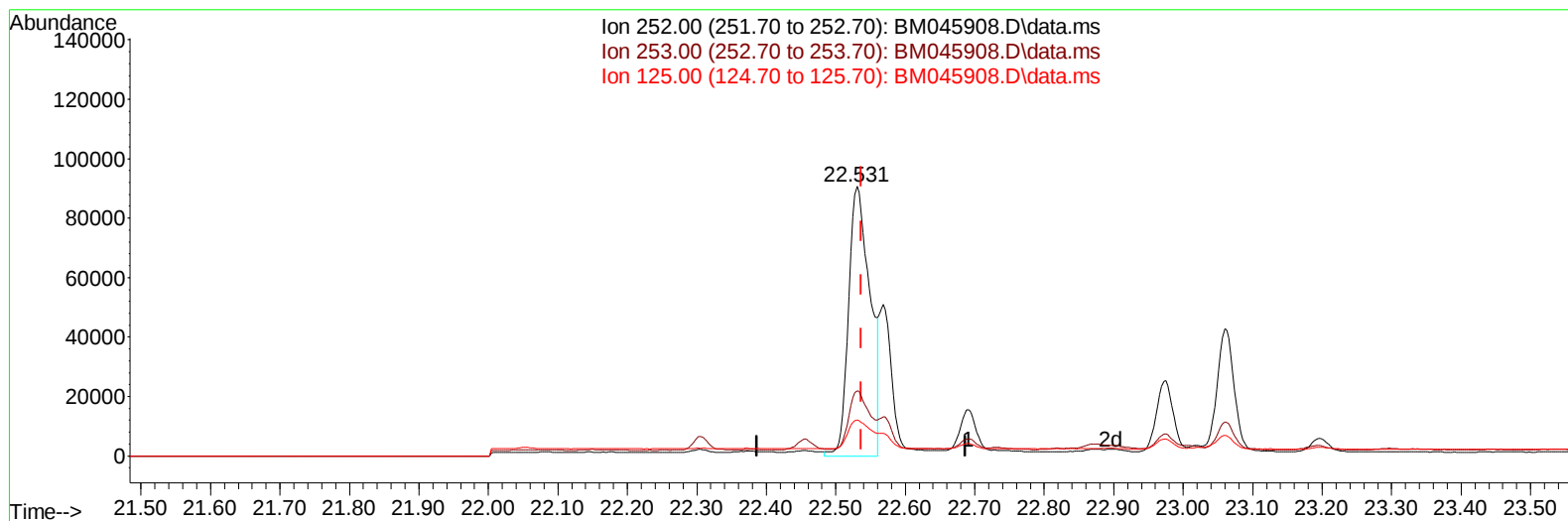
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(24) Benzo(b)fluoranthene

22.531min (-0.006) 3.14 ng/u1 m

response 194204

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	24.15
125.00	17.90	13.42
0.00	0.00	0.00

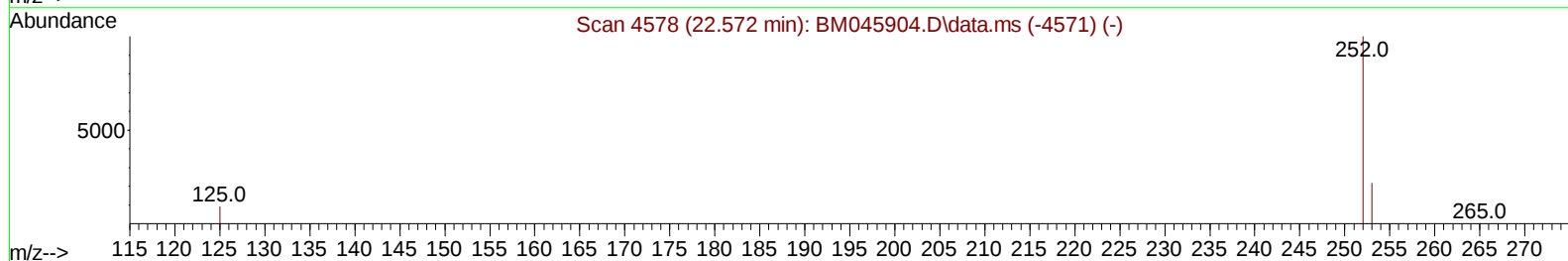
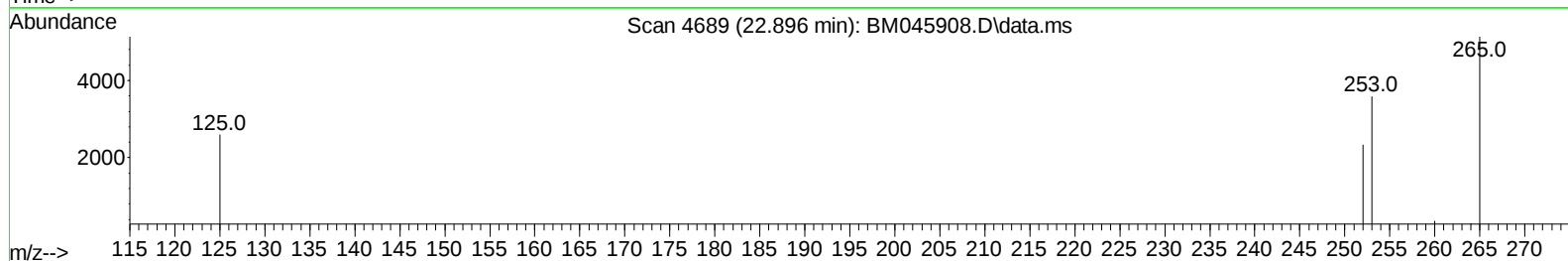
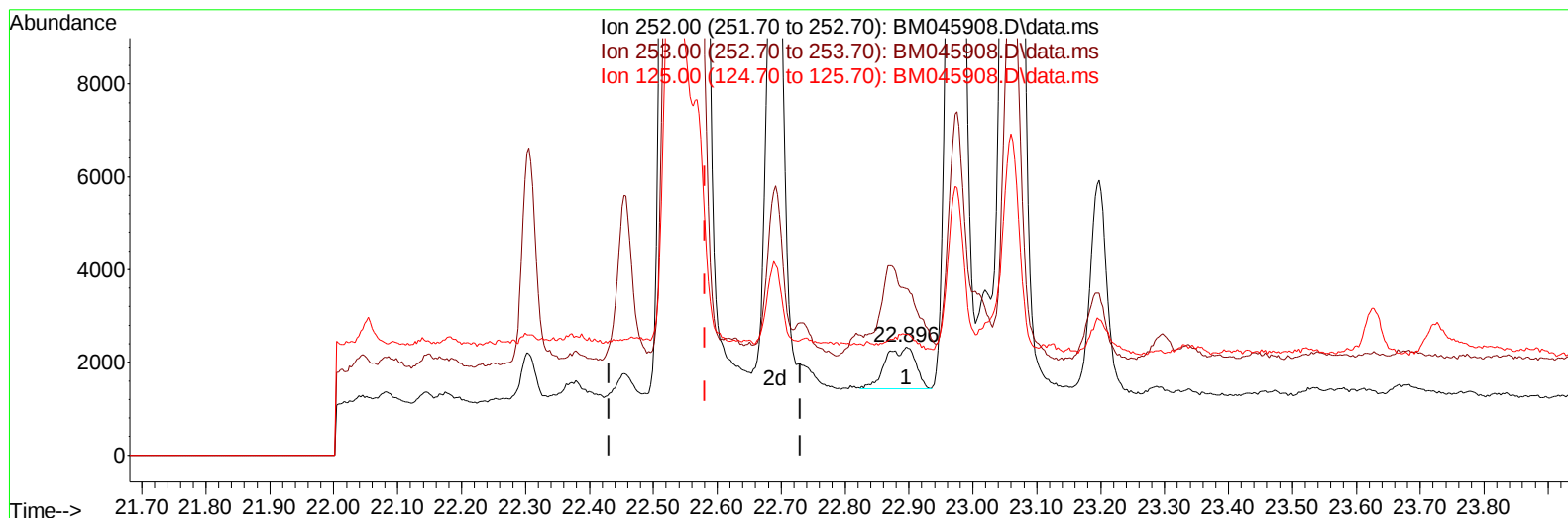
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(25) Benzo(k)fluoranthene

22.896min (+ 0.315) 0.04 ng/u1

response 2941

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	153.88#
125.00	17.70	111.40#
0.00	0.00	0.00

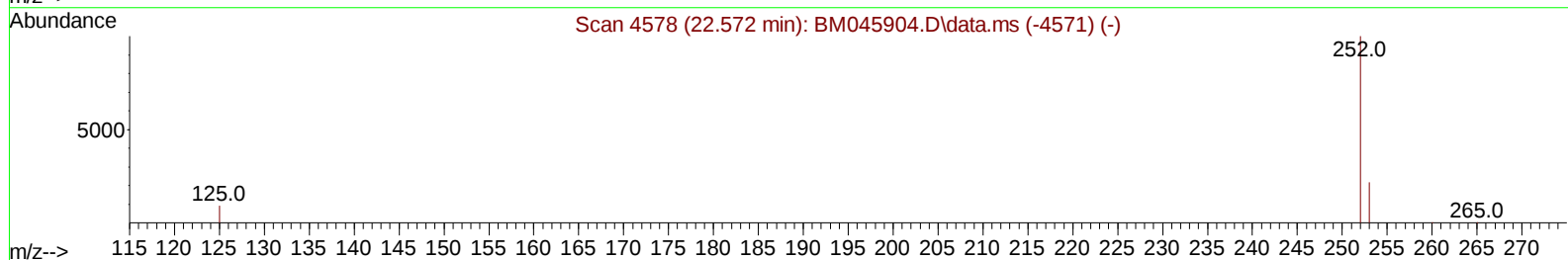
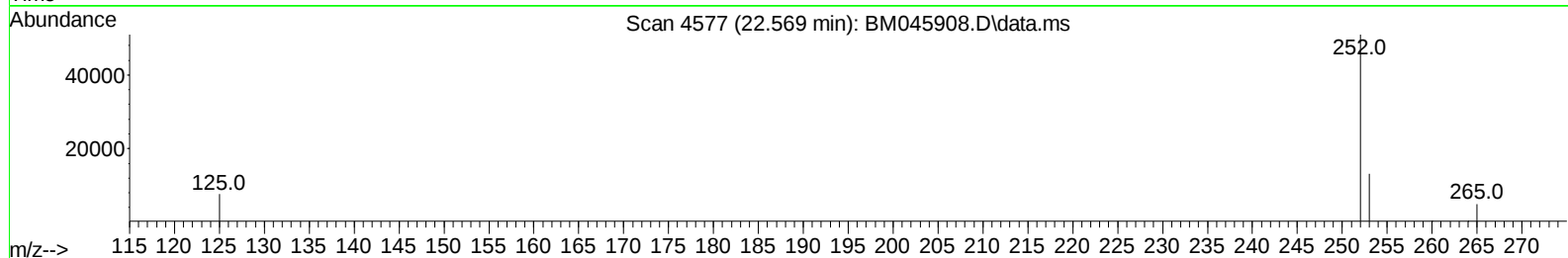
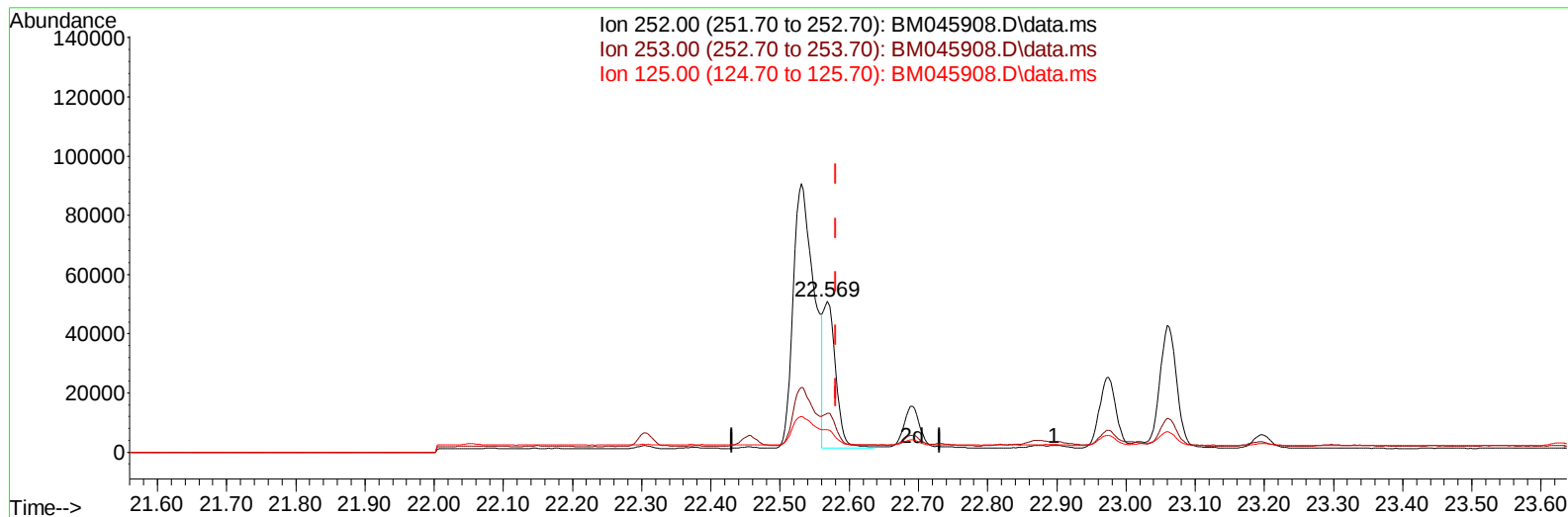
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(25) Benzo(k)fluoranthene

22.569min (-0.012) 0.92 ng/u1 m

response 62651

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	25.75
125.00	17.70	15.03
0.00	0.00	0.00

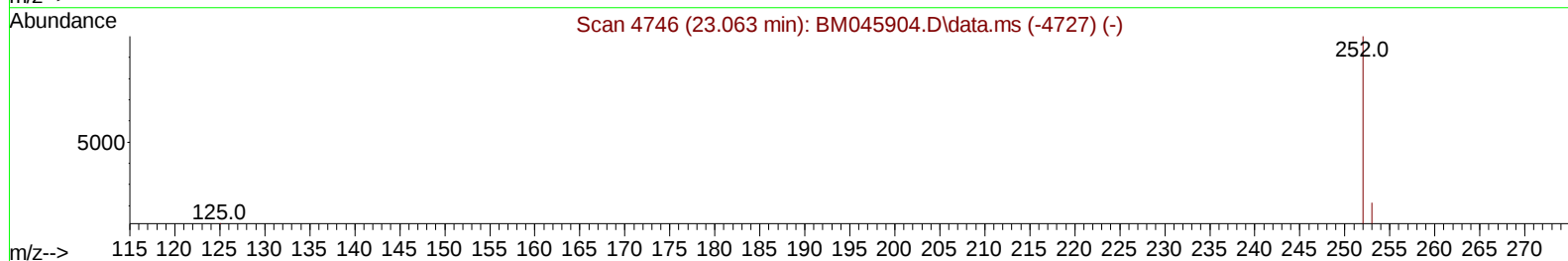
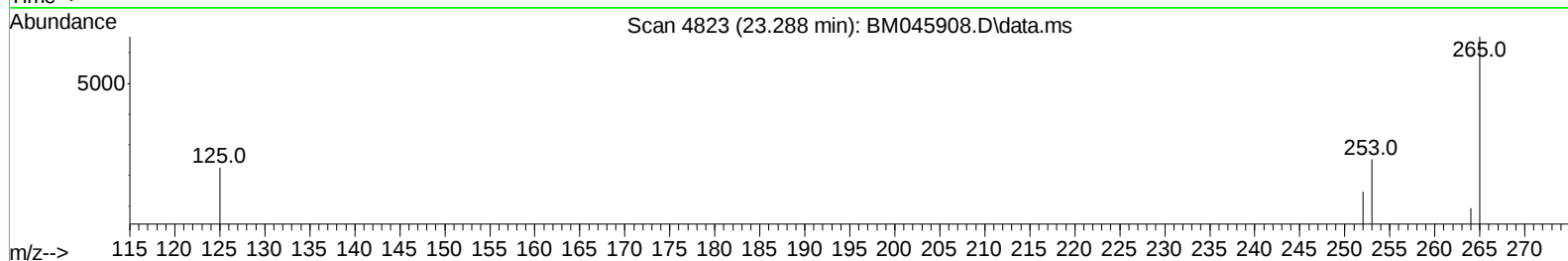
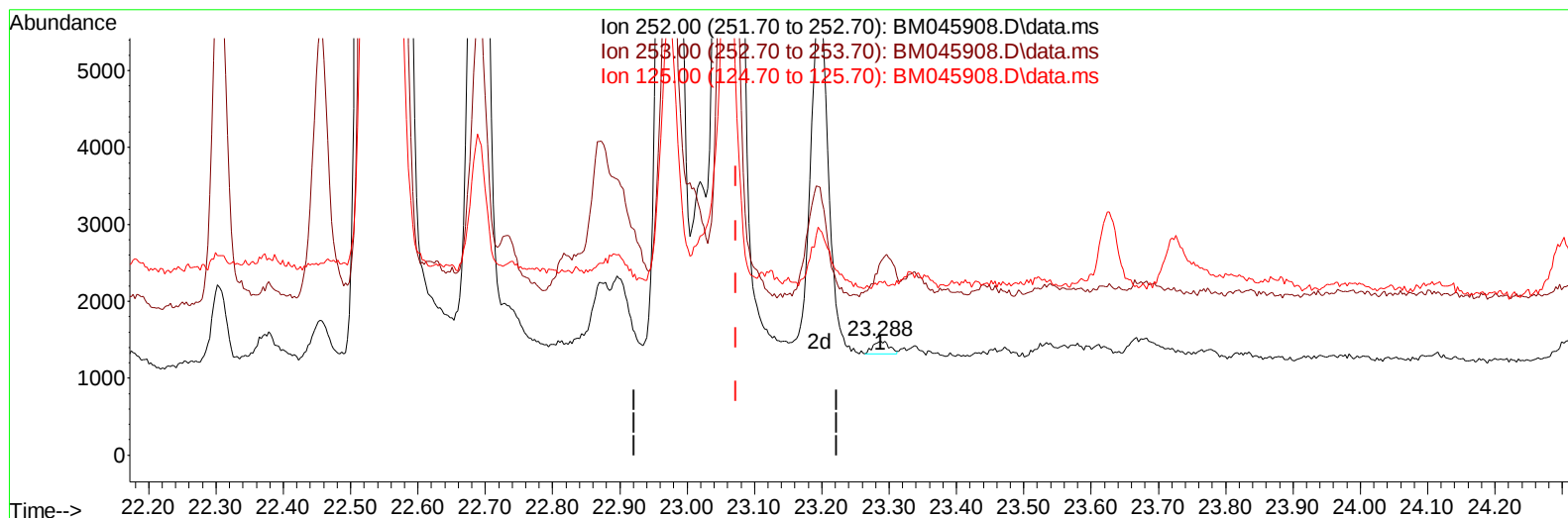
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(26) Benzo(a)pyrene (C)

23.288min (+ 0.216) 0.00 ng/u1

response 290

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	170.18#
125.00	21.60	152.09#
0.00	0.00	0.00

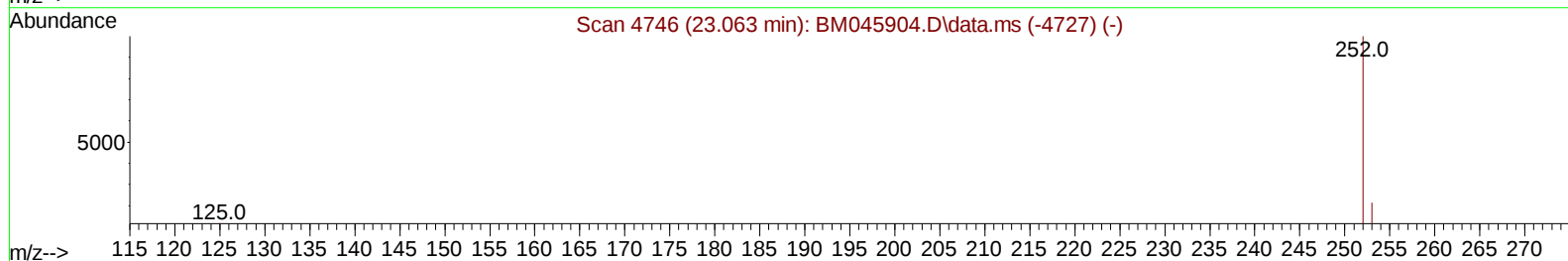
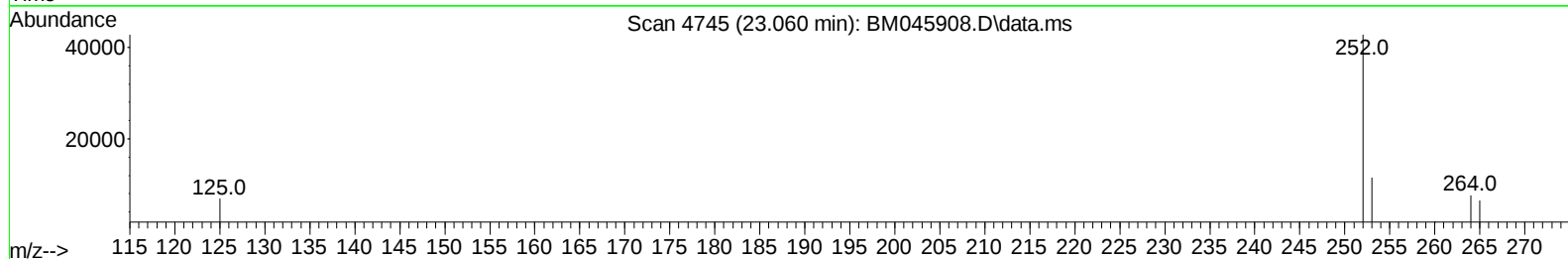
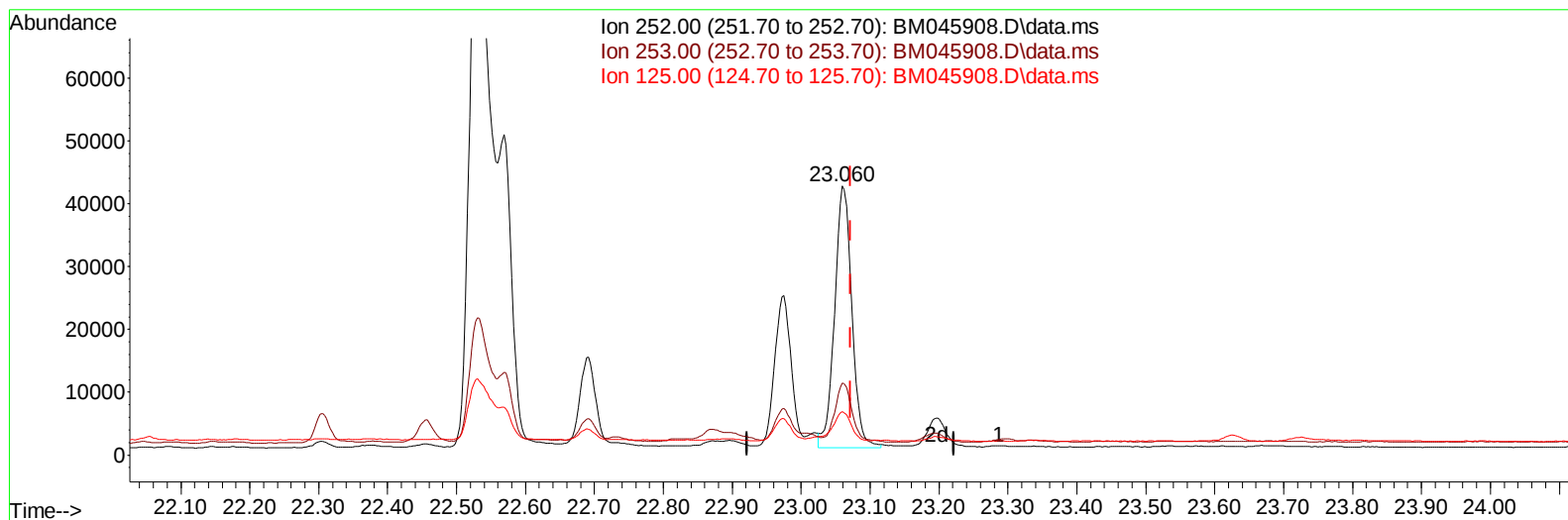
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(26) Benzo(a)pyrene (C)

23.060min (-0.012) 1.17 ng/u1 m

response 72220

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	26.79#
125.00	21.60	16.16#
0.00	0.00	0.00

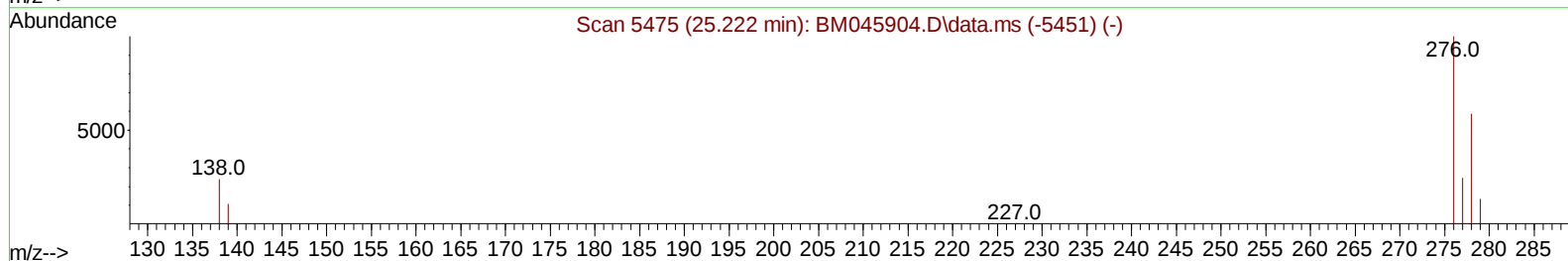
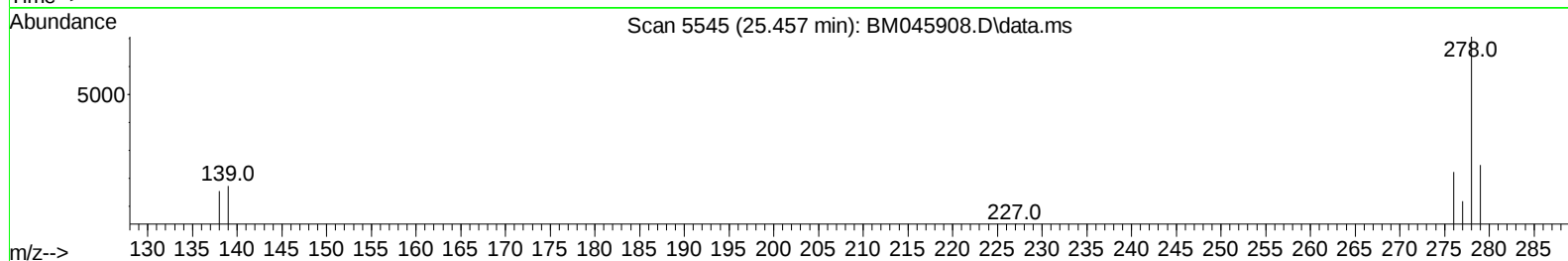
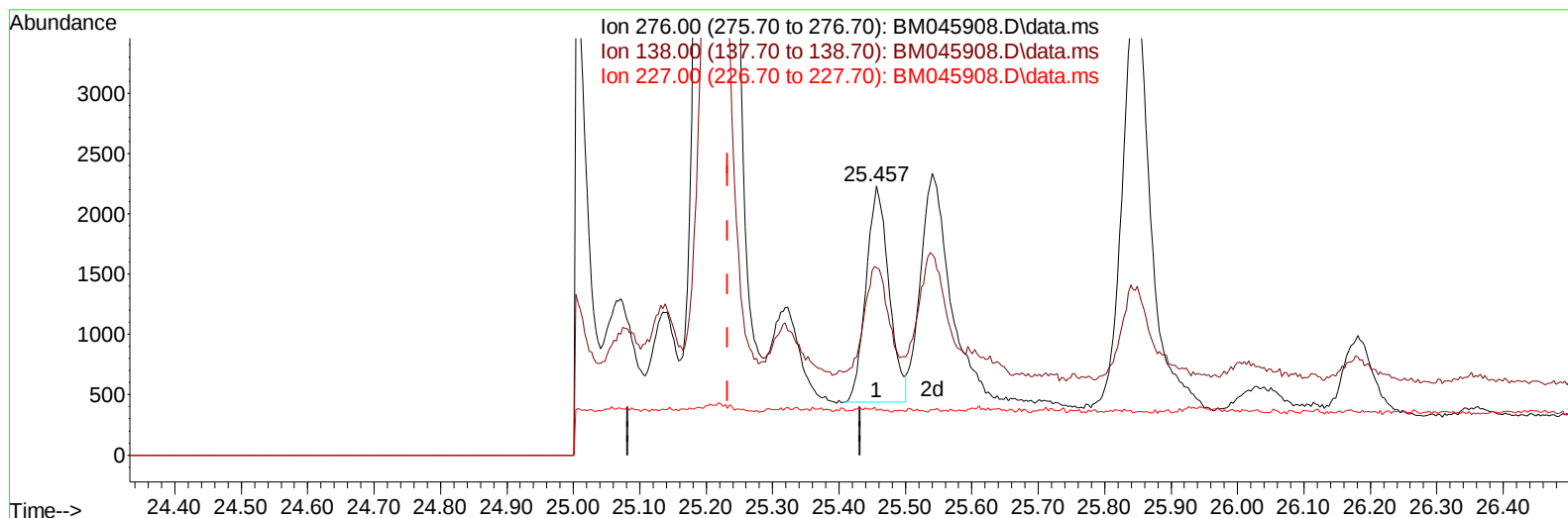
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045908.D
 Acq On : 08 Jun 2024 10:10
 Operator : MA/JU
 Sample : P2640-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

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

25.457min (+ 0.225) 0.05 ng/u1

response 4294

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	51.61#
227.00	0.20	1.14#
0.00	0.00	0.00

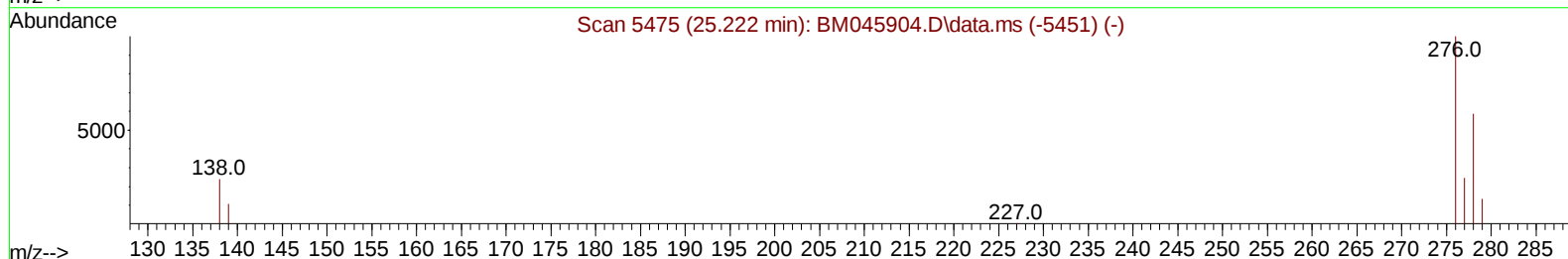
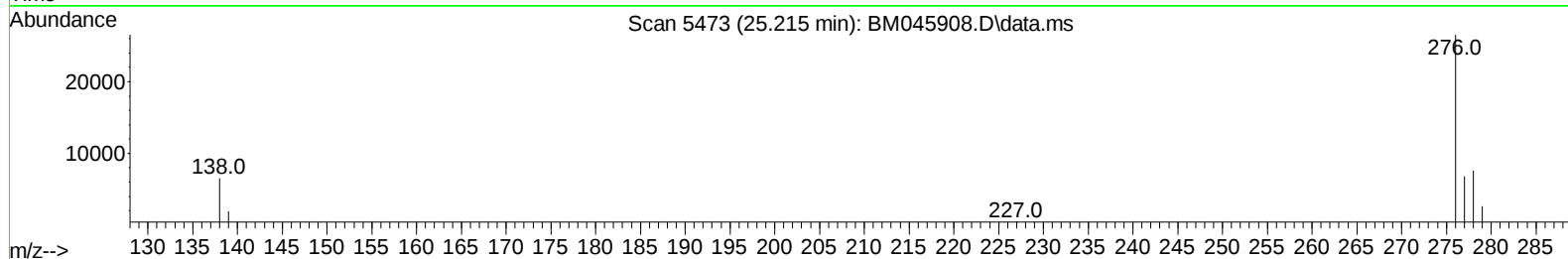
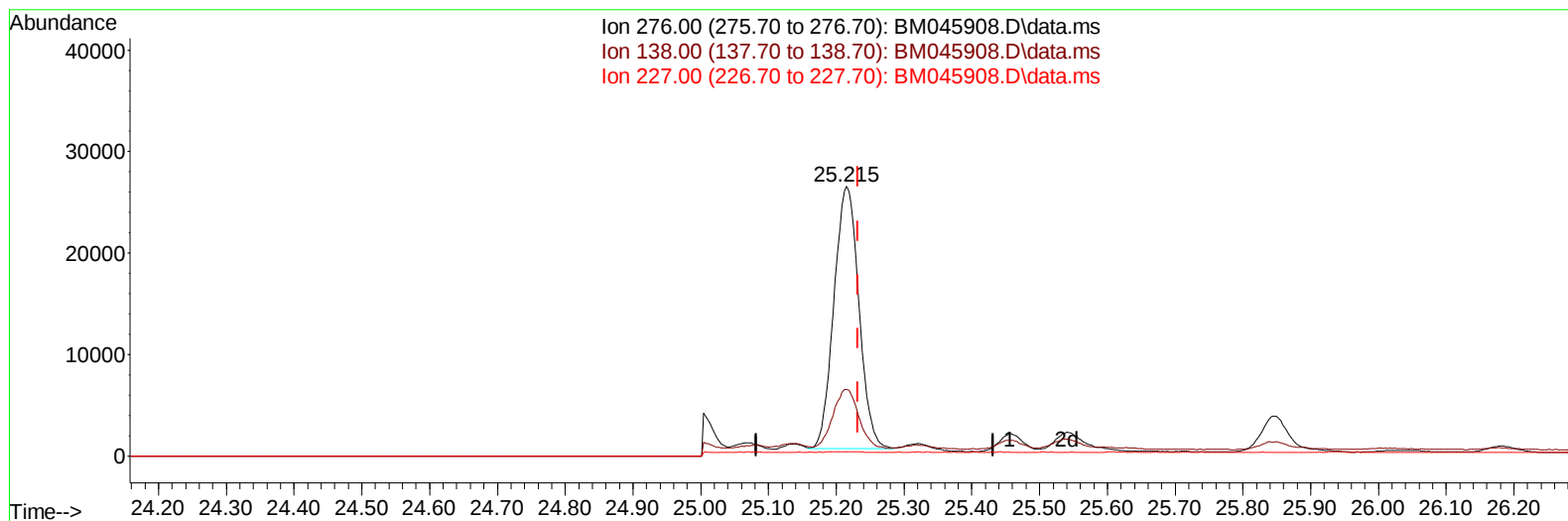
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

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

25.215min (-0.017) 0.83 ng/u1 m

response 65833

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	3.37#
227.00	0.20	0.07#
0.00	0.00	0.00

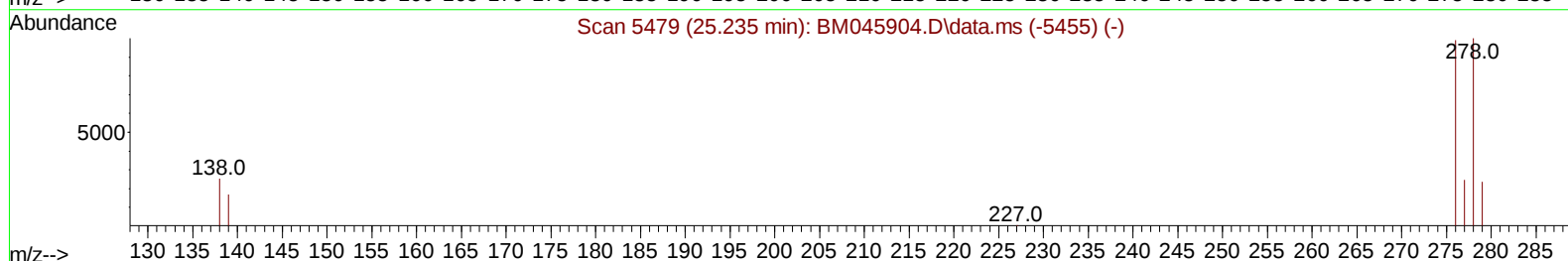
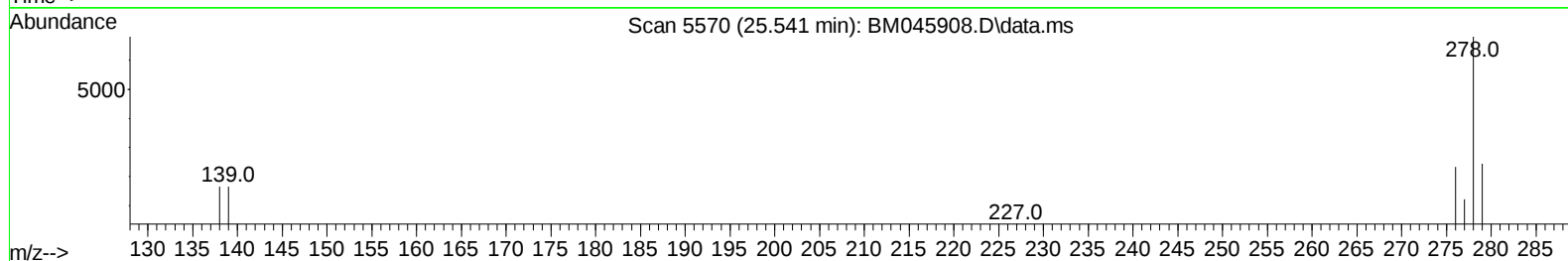
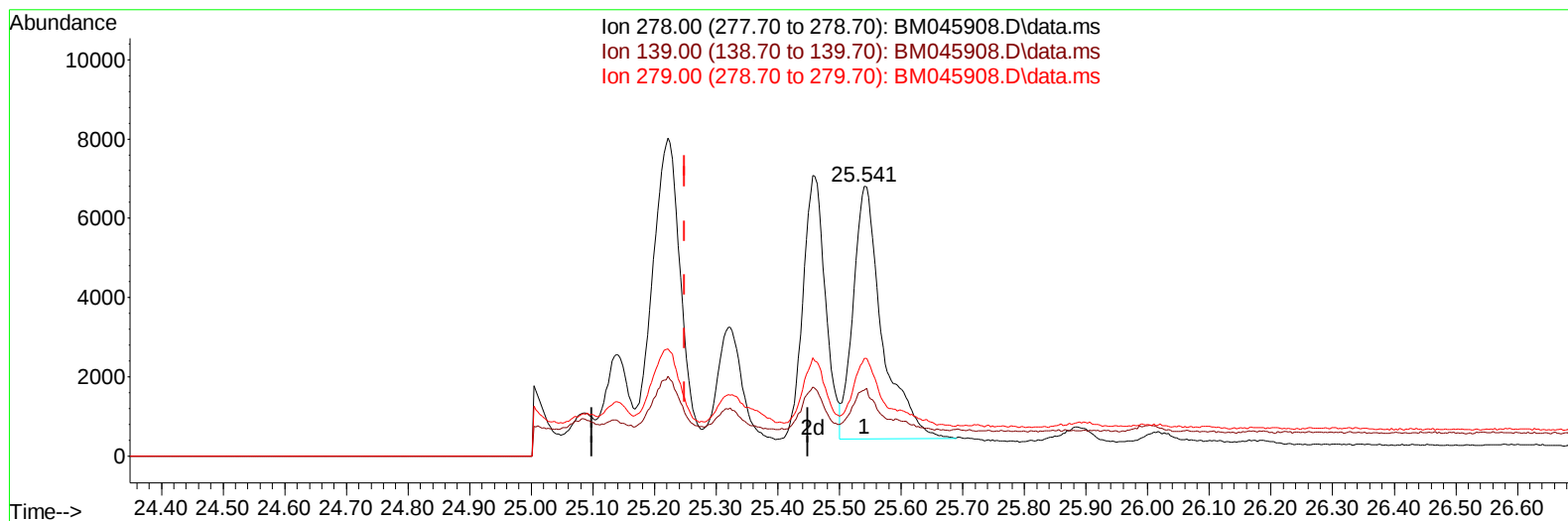
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(28) Dibenzo(a,h)anthracene

25.541min (+ 0.292) 0.33 ng/u1

response 20857

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	24.53
279.00	30.80	36.10
0.00	0.00	0.00

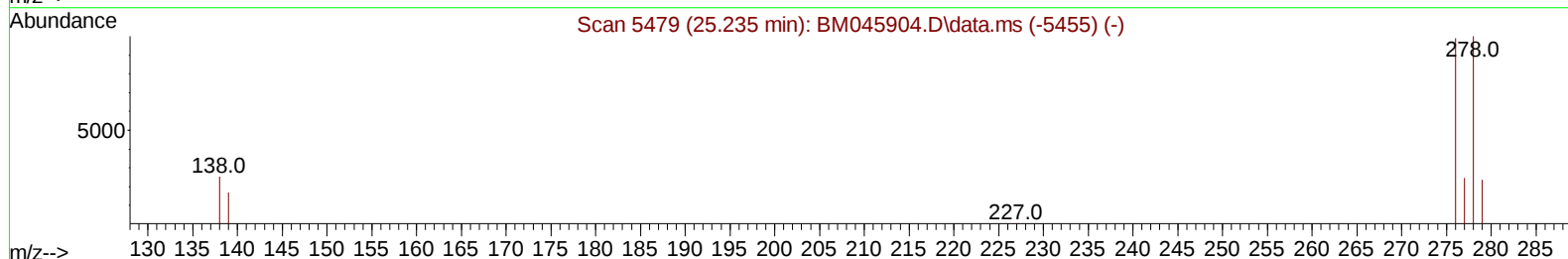
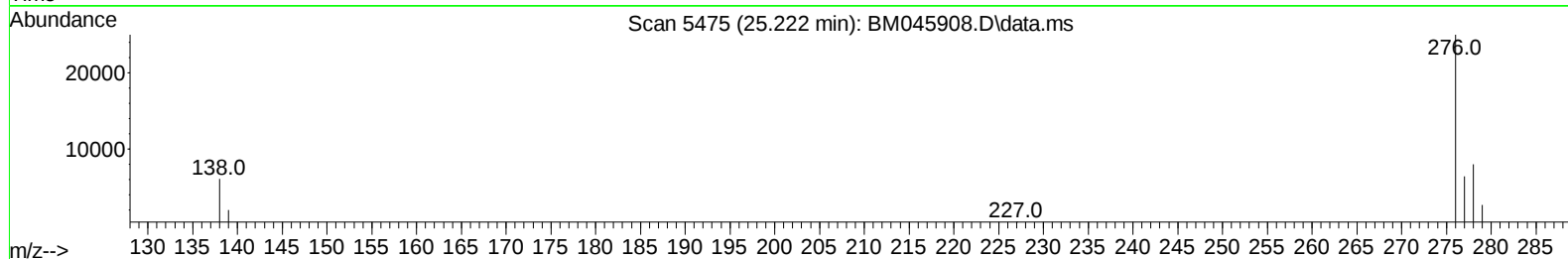
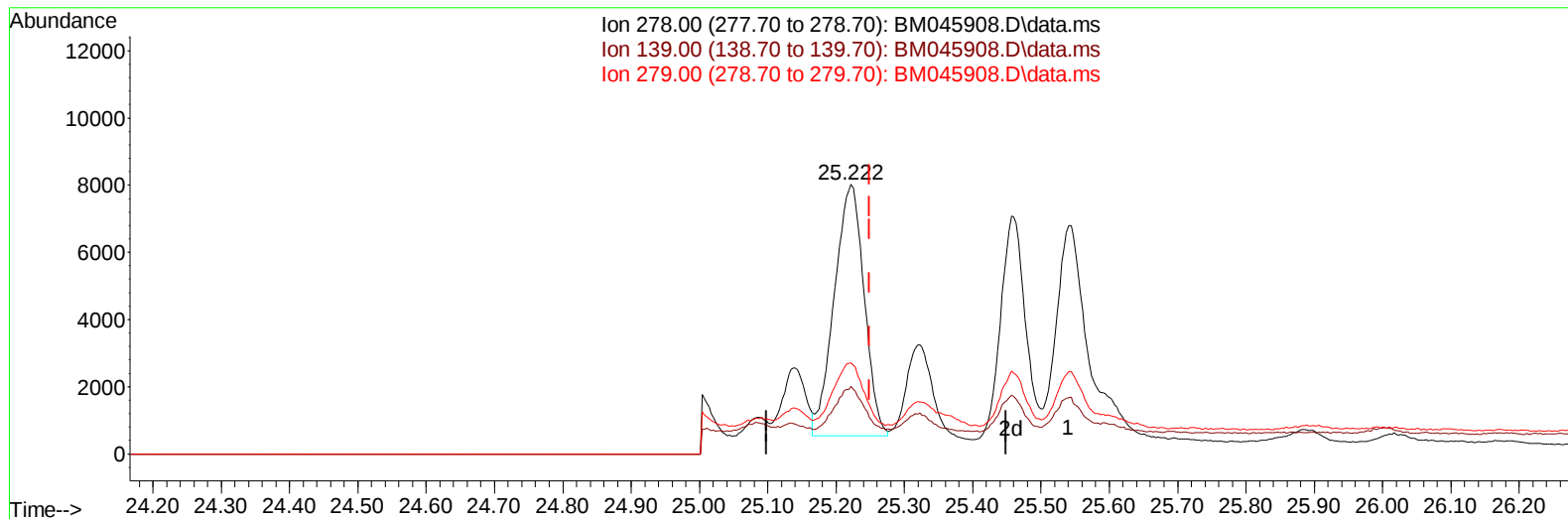
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

(28) Dibenzo(a,h)anthracene

25.222min (-0.027) 0.36 ng/u1 m

response 22718

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	25.04#
279.00	30.80	33.77
0.00	0.00	0.00

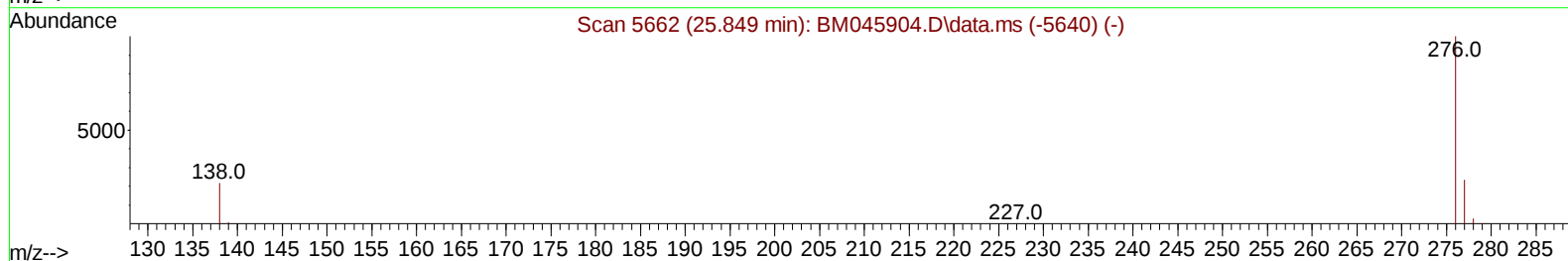
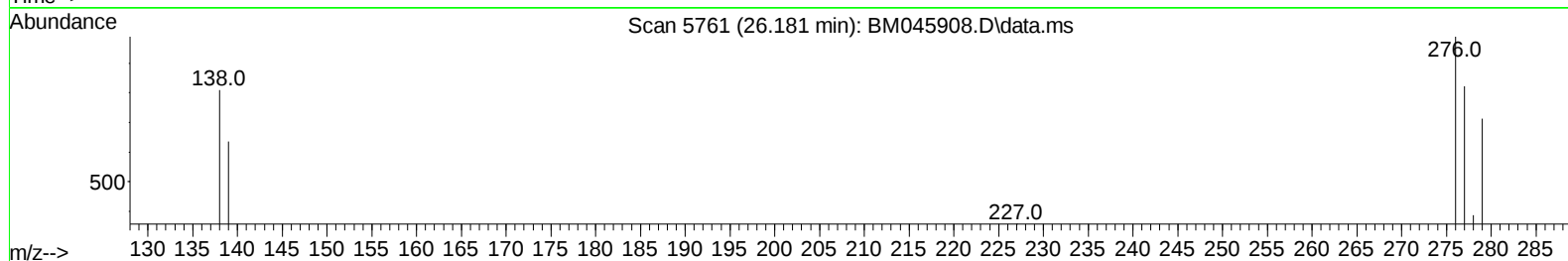
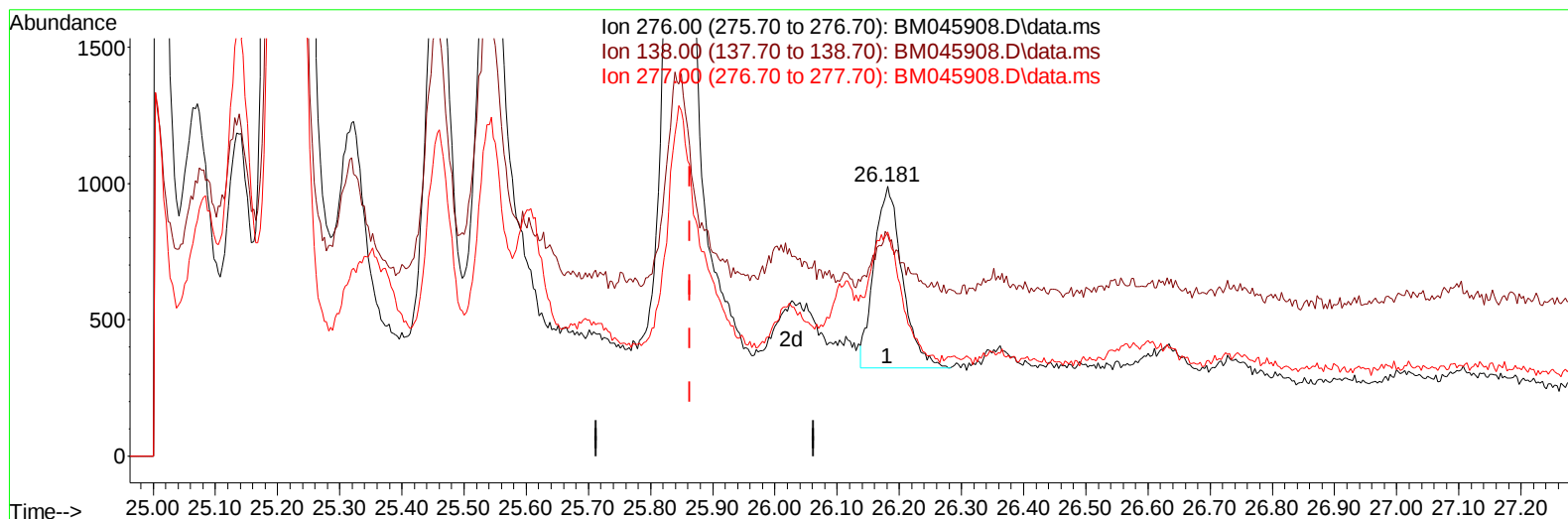
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

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

26.181min (+ 0.318) 0.03 ng/u1

response 2103

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	81.90#
277.00	25.60	83.22#
0.00	0.00	0.00

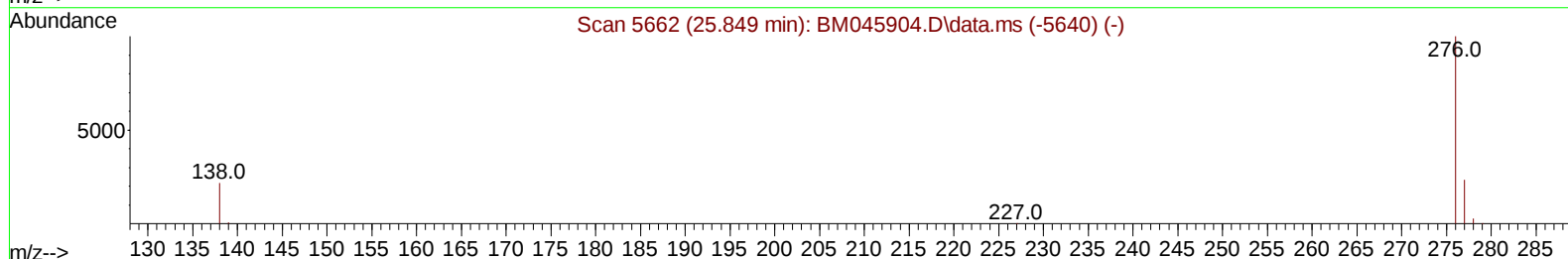
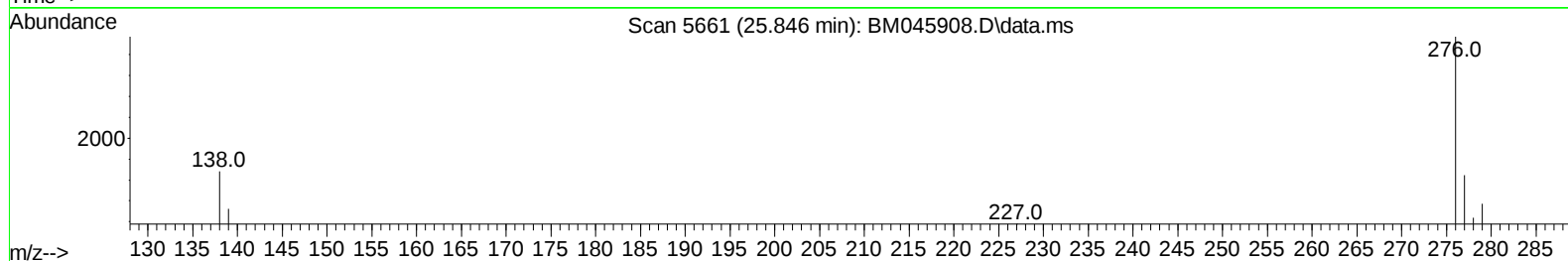
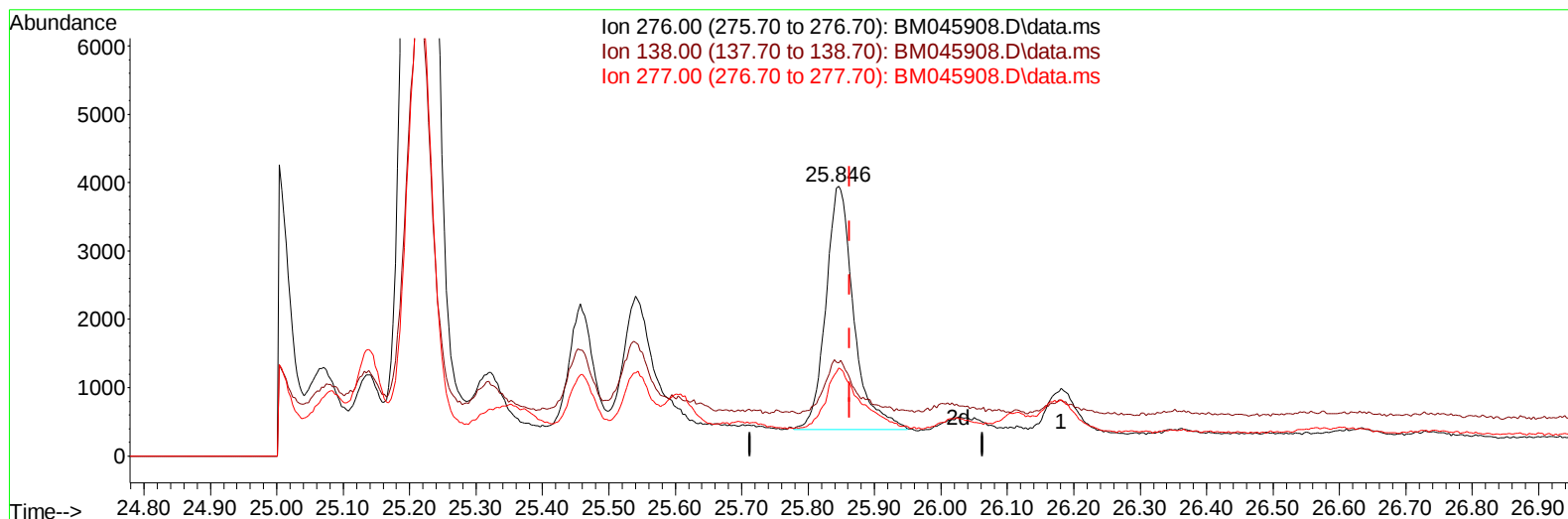
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:17 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: BM045908.D\data.ms

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

25.846min (-0.017) 0.15 ng/u1 m

response 10386

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	34.64#
277.00	25.60	32.64#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045908.D
 Acq On : 08 Jun 2024 10:10
 Operator : MA/JU
 Sample : P2640-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BG8

Manual IntegrationsAPPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	5814	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.232	136	19935	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	10586	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	22795m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.046	240	17528m	0.400	ng/ul	0.00
23) Perylene-d12	23.153	264	18658m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	32478	4.905	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	8062	0.281	ng/ul	0.00
18) Fluoranthene-d10	18.881	212	16827m	0.321	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.282	128	5918	0.114	ng/ul	96
7) 2-Methylnaphthalene	11.915	142	2107	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	1776	0.049	ng/ul	98
10) Acenaphthylene	13.826	152	9547	0.198	ng/ul	99
11) Acenaphthene	14.173	153	6514	0.184	ng/ul	100
12) Fluorene	15.163	166	7361	0.186	ng/ul	97
15) Phenanthrene	16.892	178	157981m	2.468	ng/ul	
16) Anthracene	16.981	178	25618m	0.469	ng/ul	
19) Fluoranthene	18.914	202	296027m	4.235	ng/ul	
20) Pyrene	19.276	202	216556m	2.970	ng/ul	
21) Benzo(a)anthracene	21.029	228	135267m	2.102	ng/ul	
22) Chrysene	21.081	228	148347m	2.118	ng/ul	
24) Benzo(b)fluoranthene	22.531	252	194204m	3.138	ng/ul	
25) Benzo(k)fluoranthene	22.569	252	62651m	0.921	ng/ul	
26) Benzo(a)pyrene	23.060	252	72220m	1.173	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.215	276	65833m	0.827	ng/ul	
28) Dibenzo(a,h)anthracene	25.222	278	22718m	0.357	ng/ul	
29) Benzo(g,h,i)perylene	25.846	276	10386m	0.151	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Manual IntegrationsAPPROVED

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