

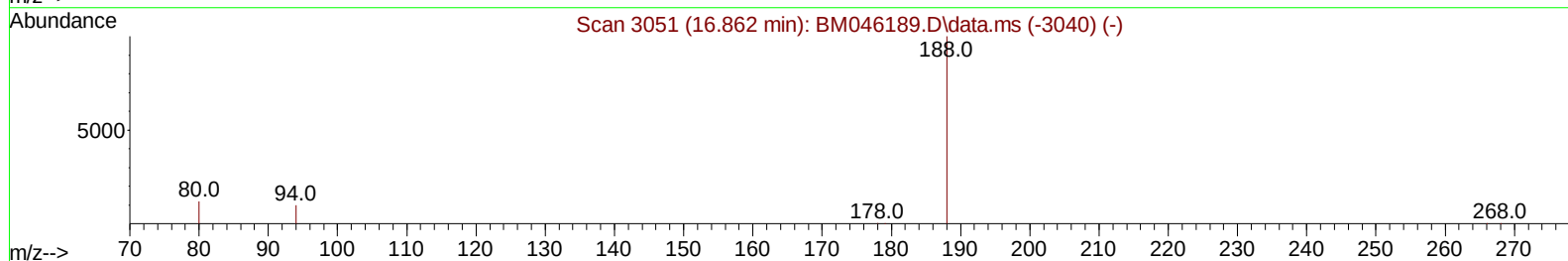
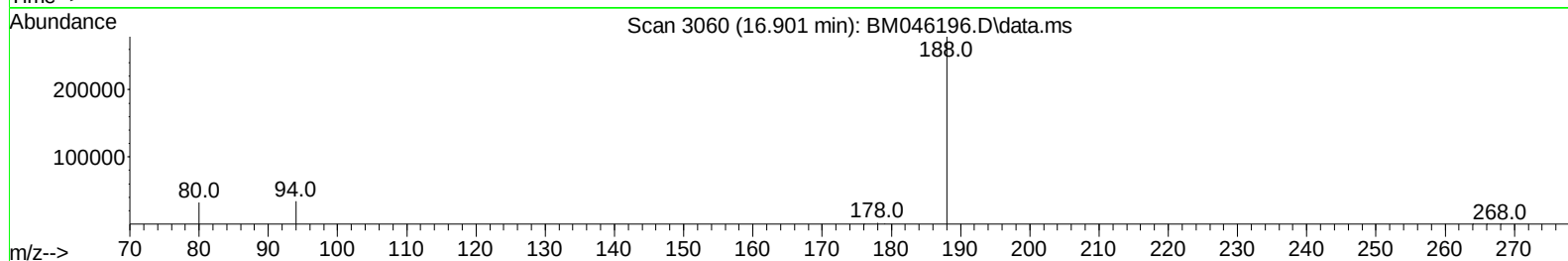
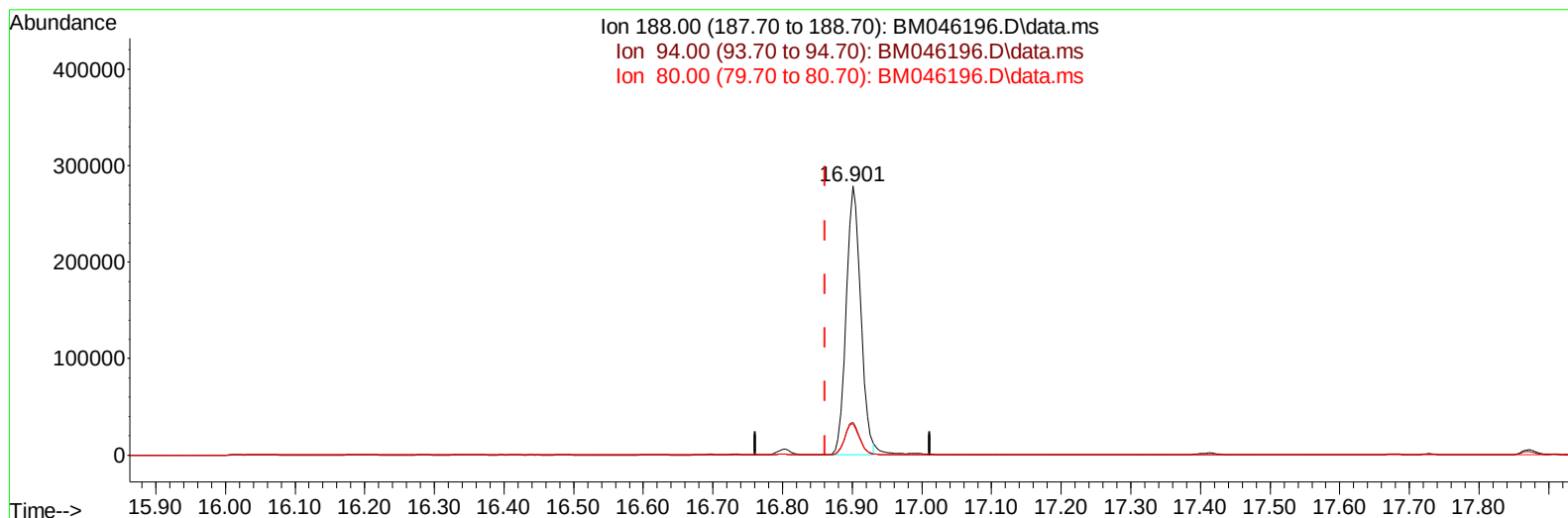
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(13) Phenanthrene-d10 (I)

16.901min (+ 0.039) 0.40 ng/u1

response 401300

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.16
80.00	15.20	11.64#
0.00	0.00	0.00

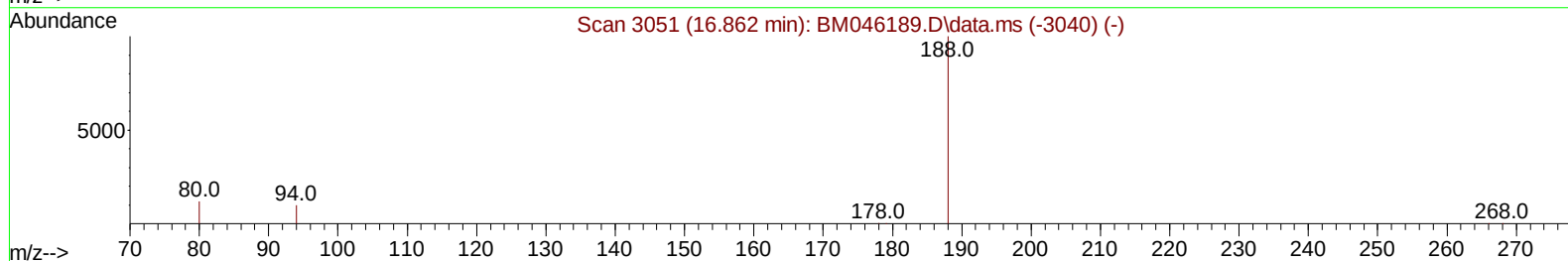
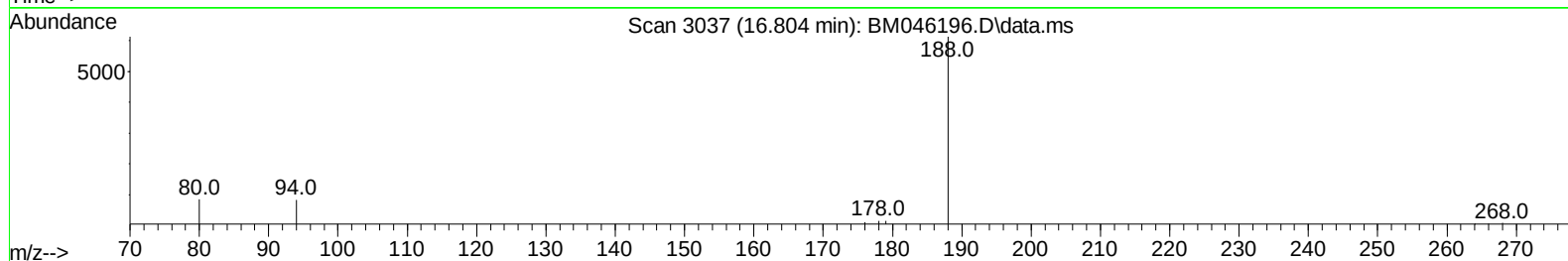
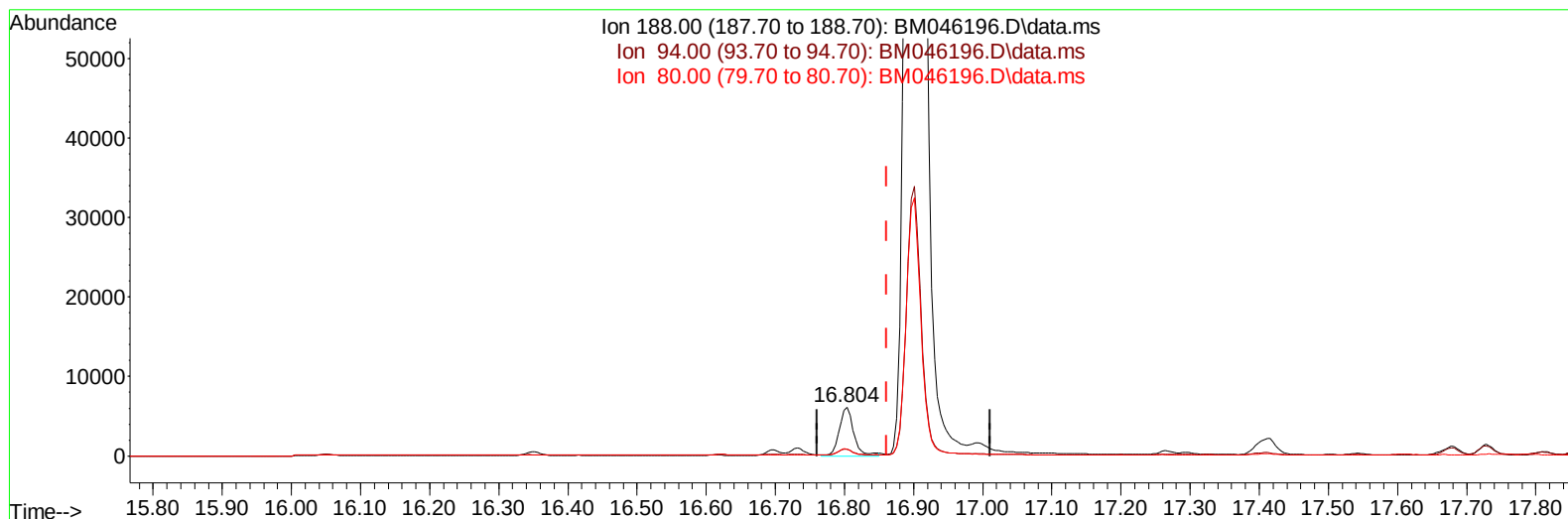
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
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TIC: BM046196.D\data.ms

(13) Phenanthrene-d10 (I)

16.804min (-0.058) 0.40 ng/ul m

response 8962

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	13.72
80.00	15.20	14.08
0.00	0.00	0.00

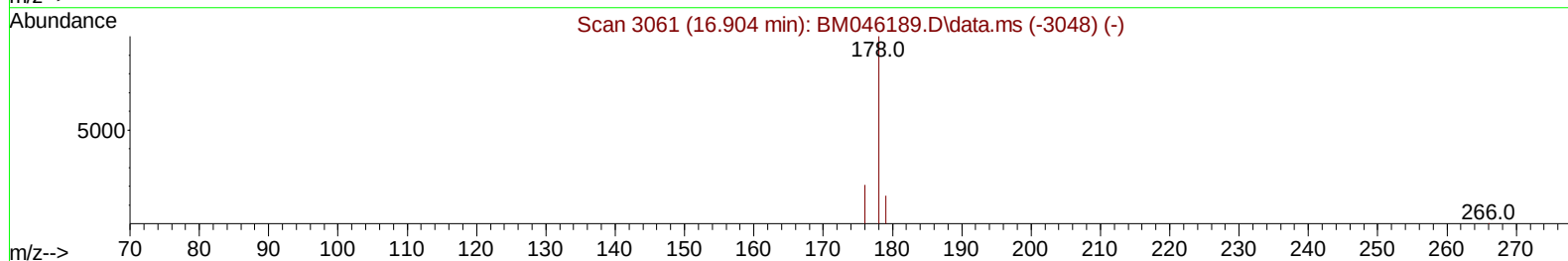
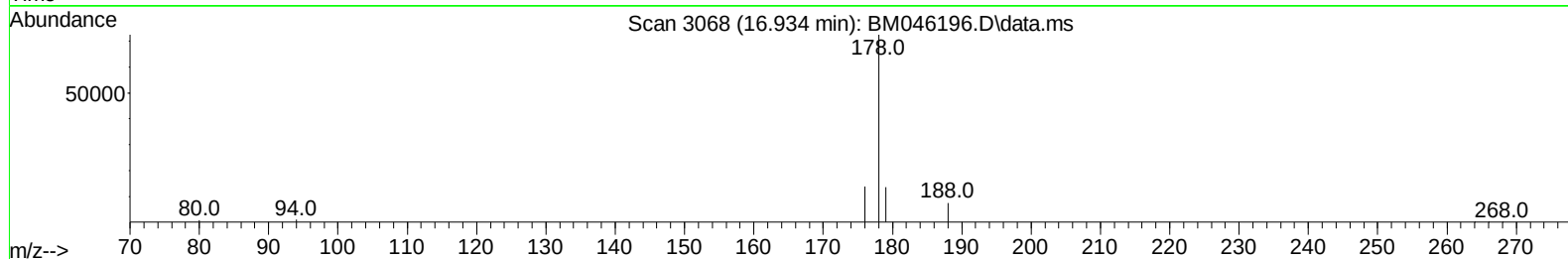
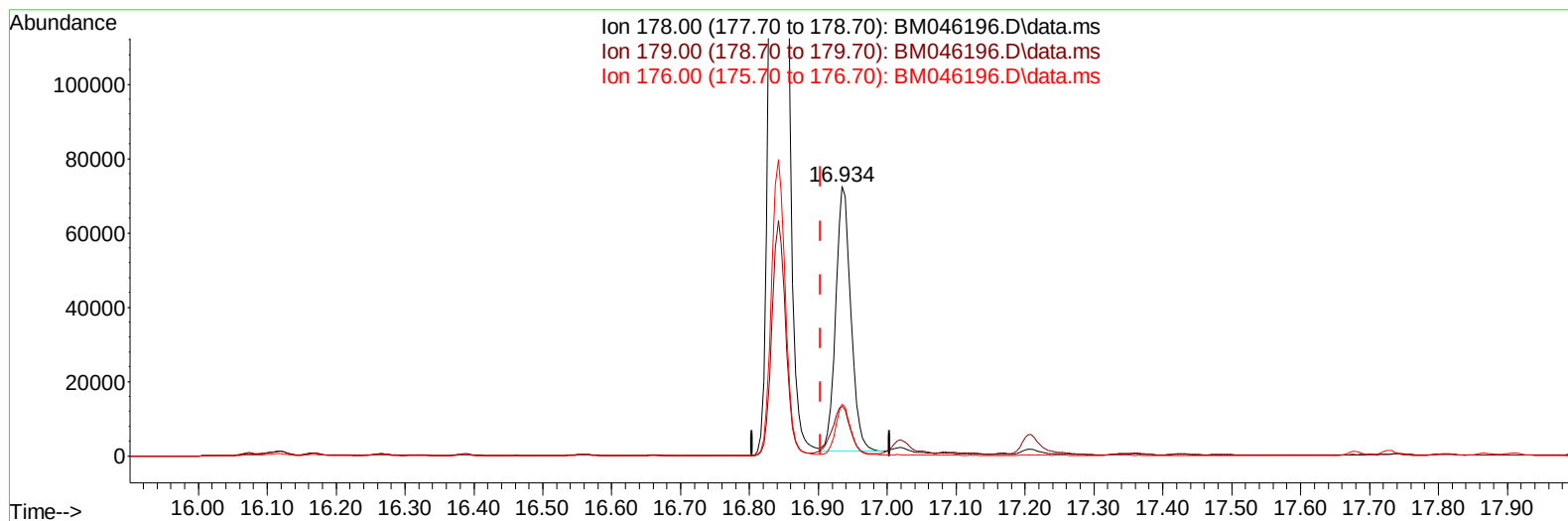
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046196.D
 Acq On : 22 Jun 2024 14:01
 Operator : MA/JU
 Sample : P2775-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
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TIC: BM046196.D\data.ms

(15) Phenanthrene

16.934min (+ 0.031) 4.32 ng/u1

response 108873

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	18.63
176.00	21.40	19.22
0.00	0.00	0.00

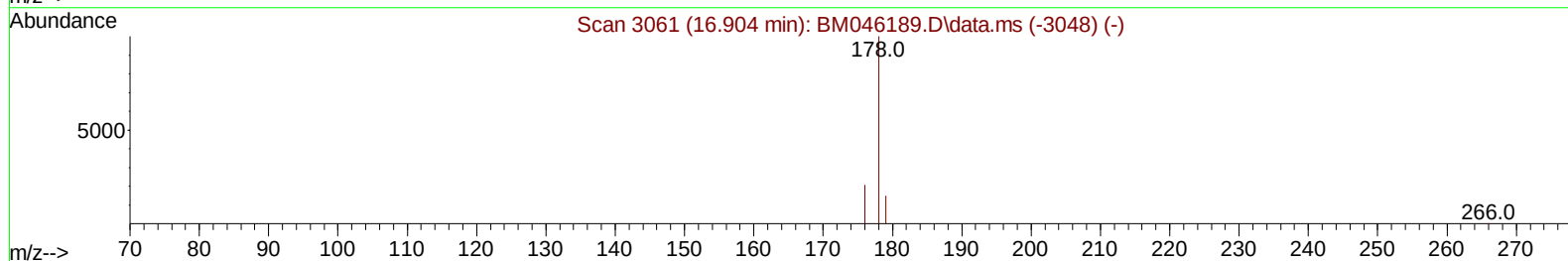
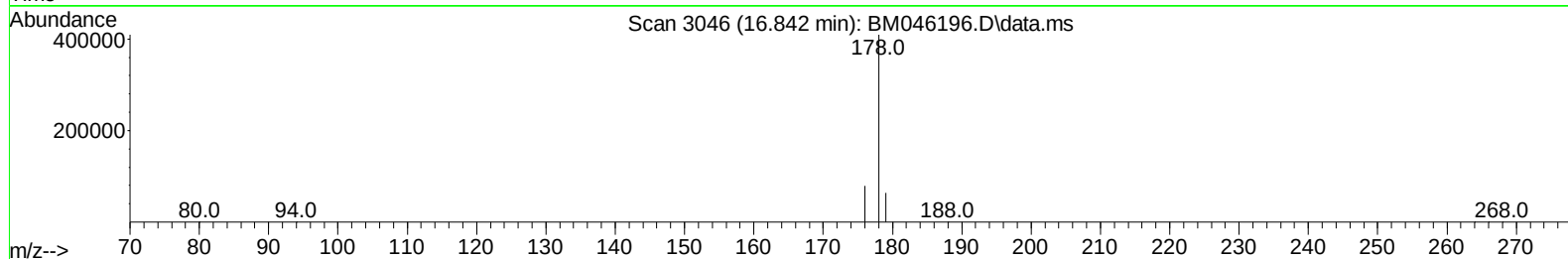
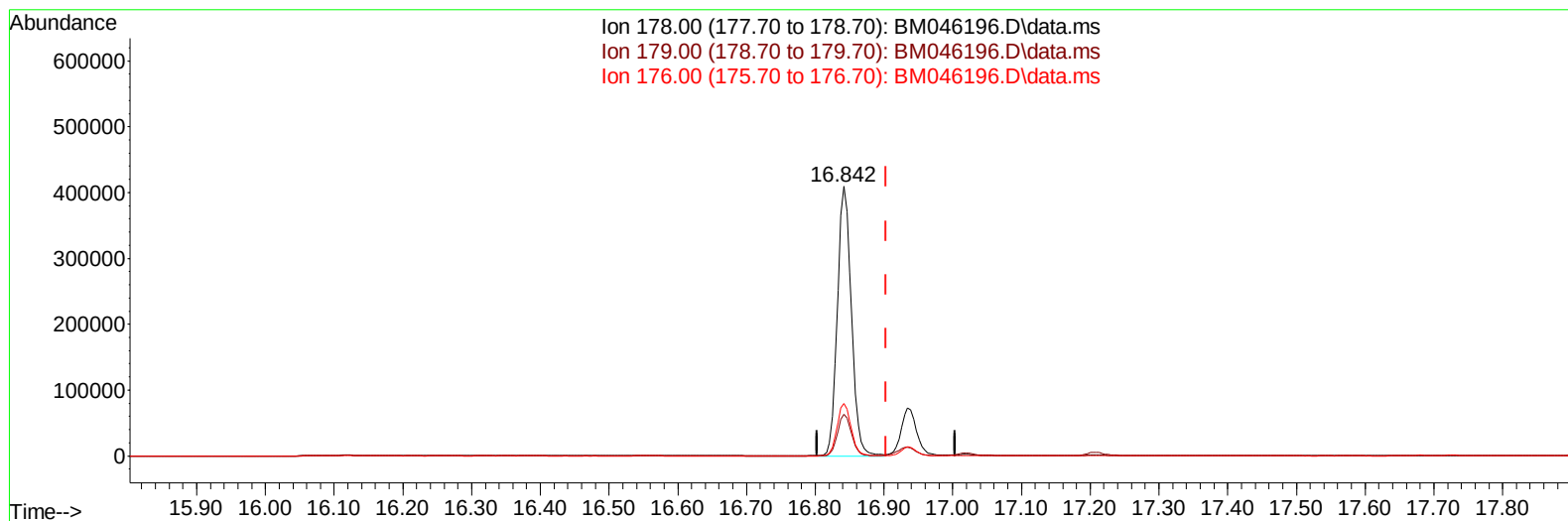
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration



TIC: BM046196.D\data.ms

(15) Phenanthrene

16.842min (-0.062) 22.93 ng/ul m

response 577389

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.49
176.00	21.40	19.48
0.00	0.00	0.00

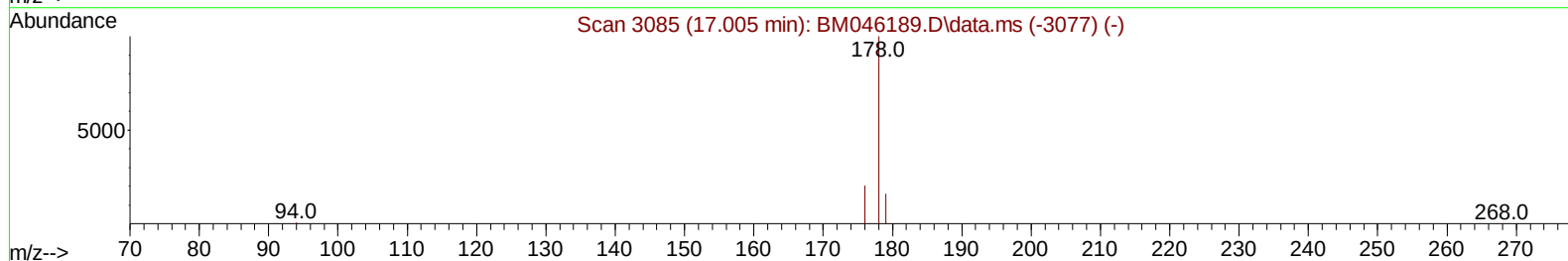
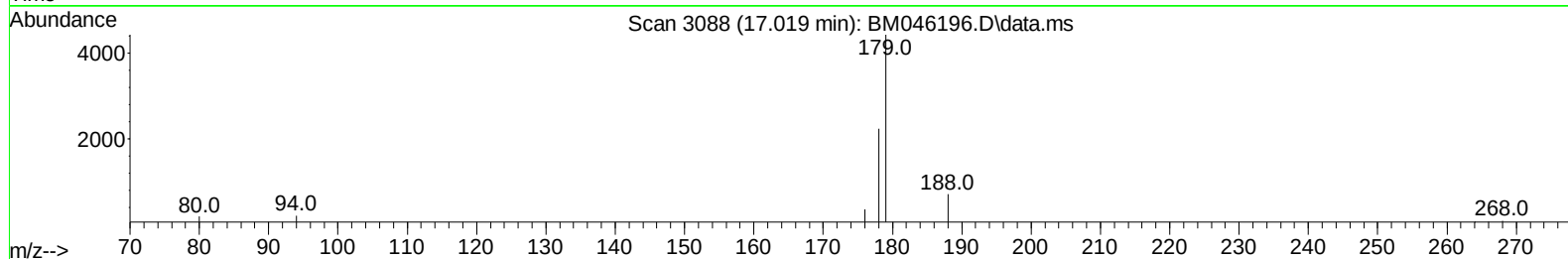
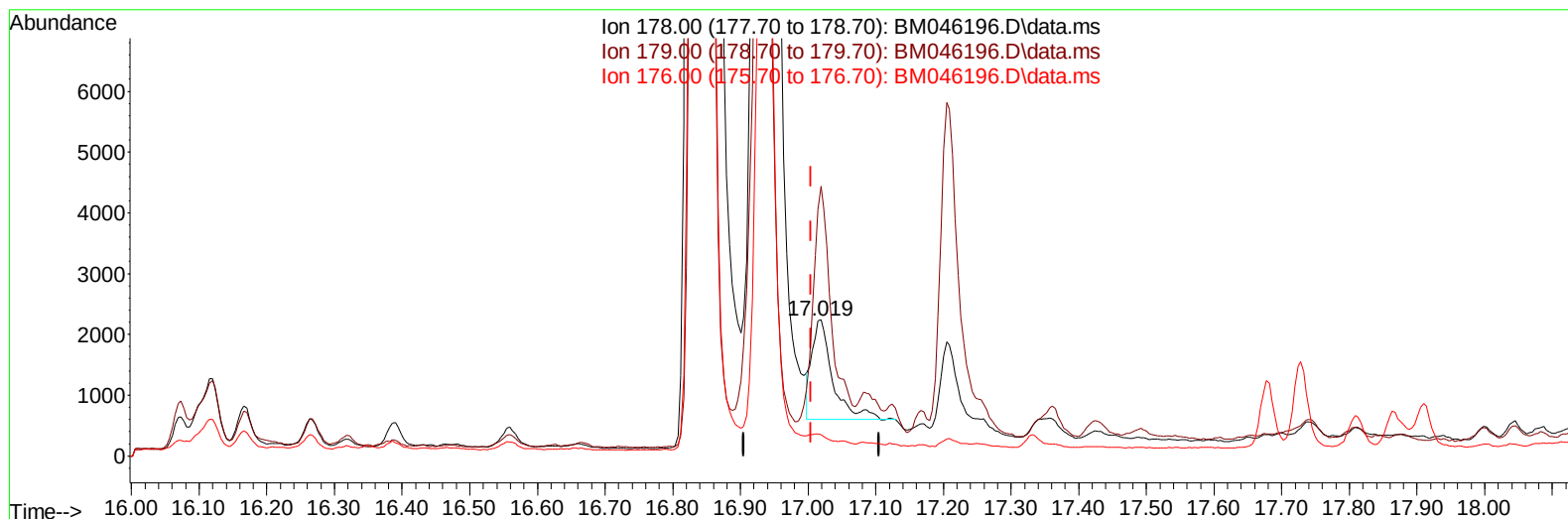
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
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TIC: BM046196.D\data.ms

(16) Anthracene

17.019min (+ 0.014) 0.19 ng/u1

response 3537

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	197.77#
176.00	21.20	15.57#
0.00	0.00	0.00

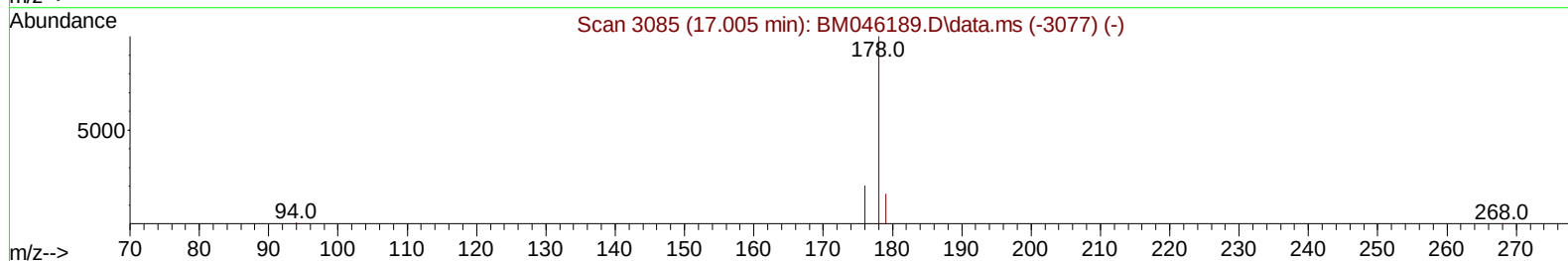
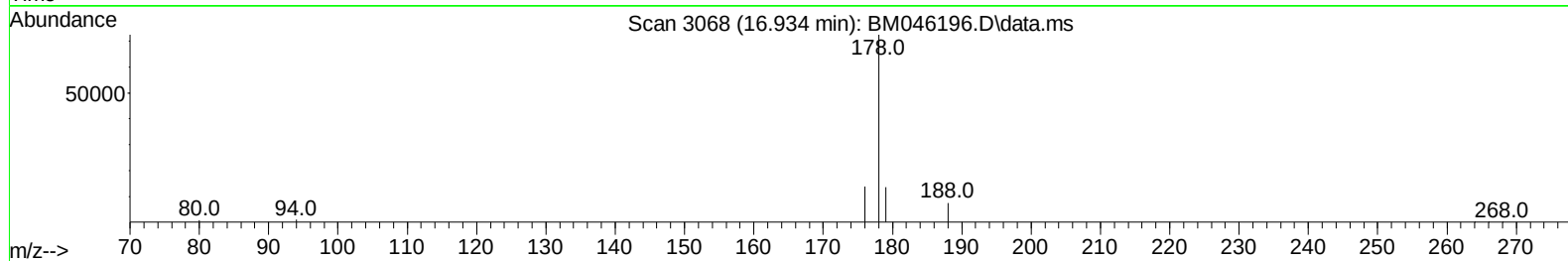
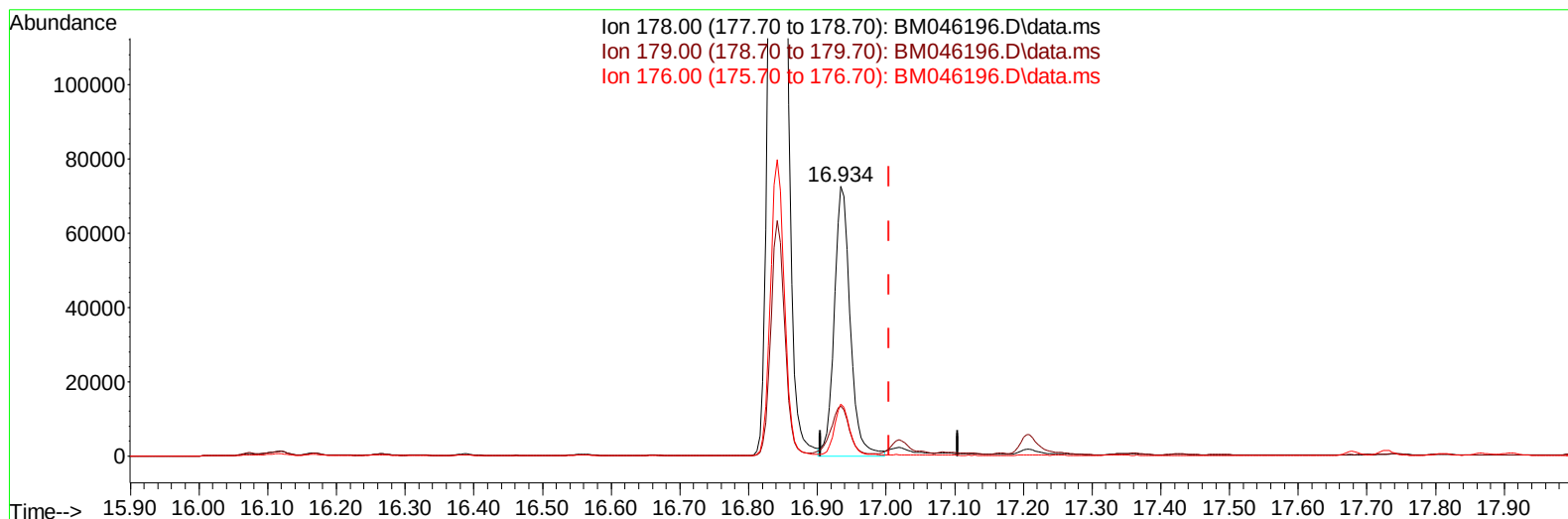
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(16) Anthracene

16.934min (-0.070) 6.22 ng/ul m

response 116622

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	18.63
176.00	21.20	19.22
0.00	0.00	0.00

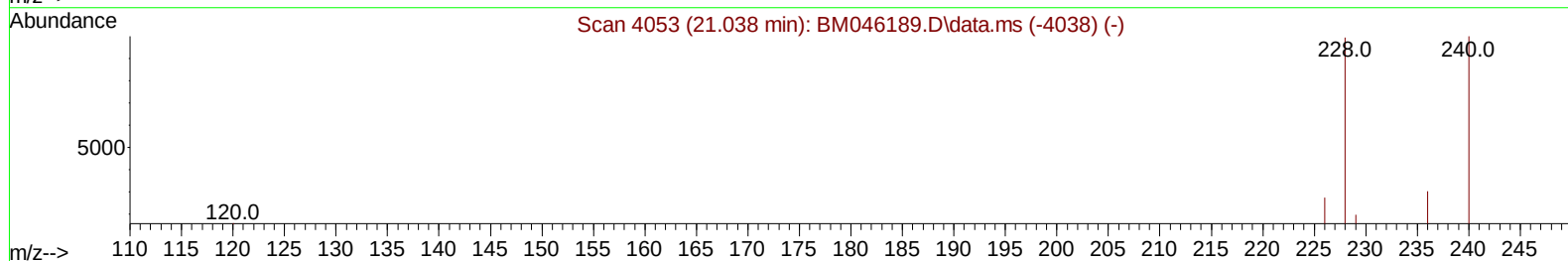
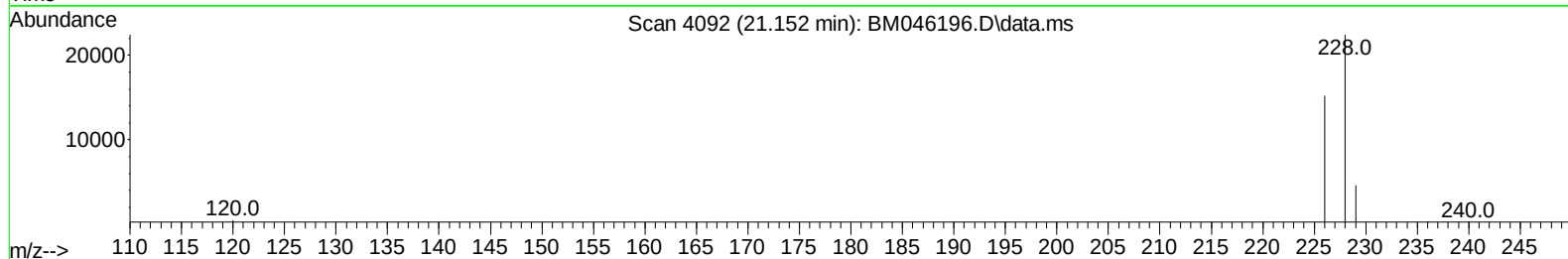
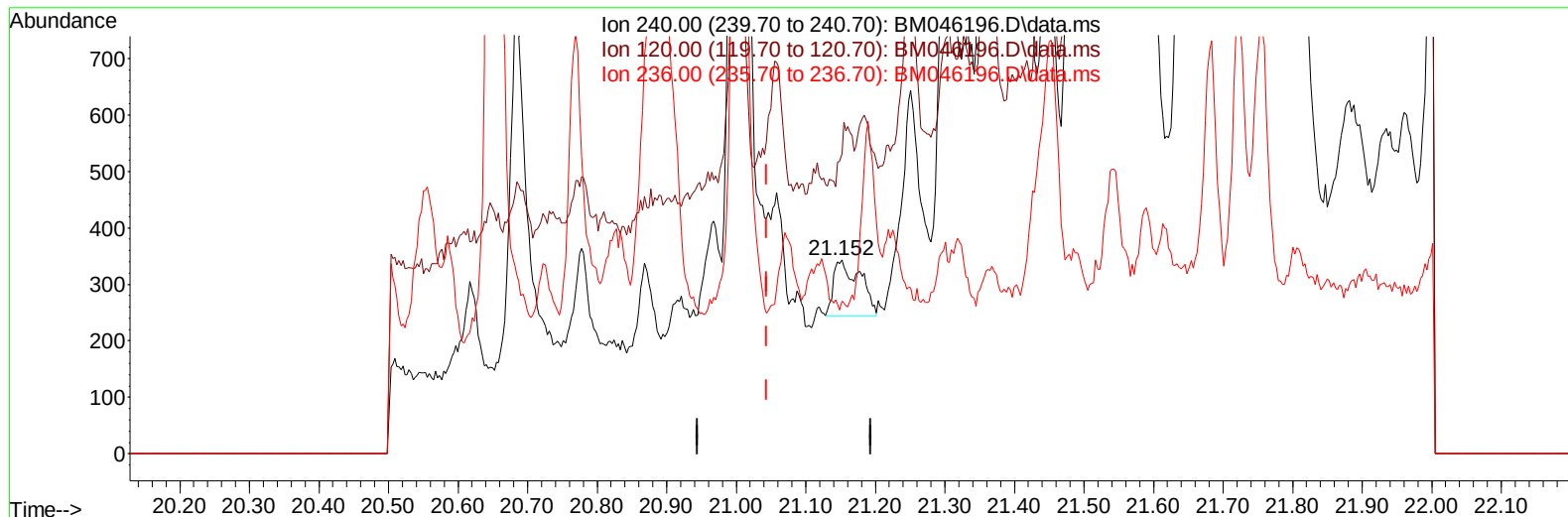
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

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TIC: BM046196.D\data.ms

(17) Chrysene-d12

21.152min (+ 0.108) 0.40 ng/u1

response 261

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	154.81#
236.00	33.60	78.72#
0.00	0.00	0.00

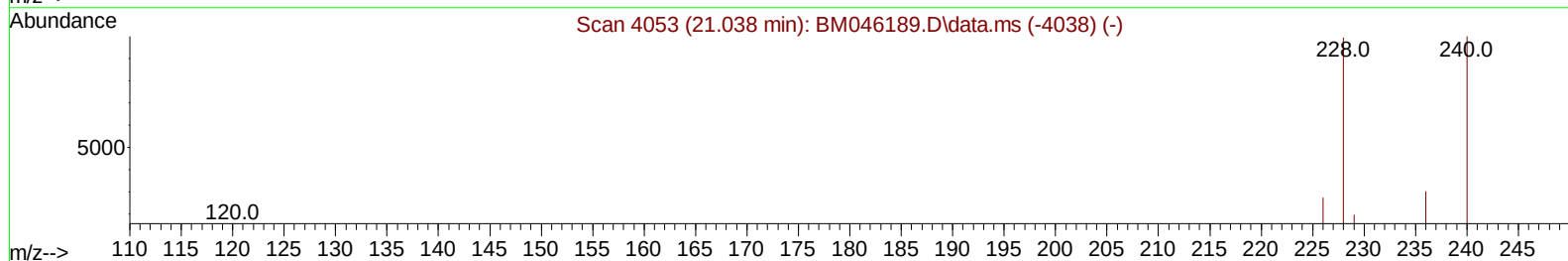
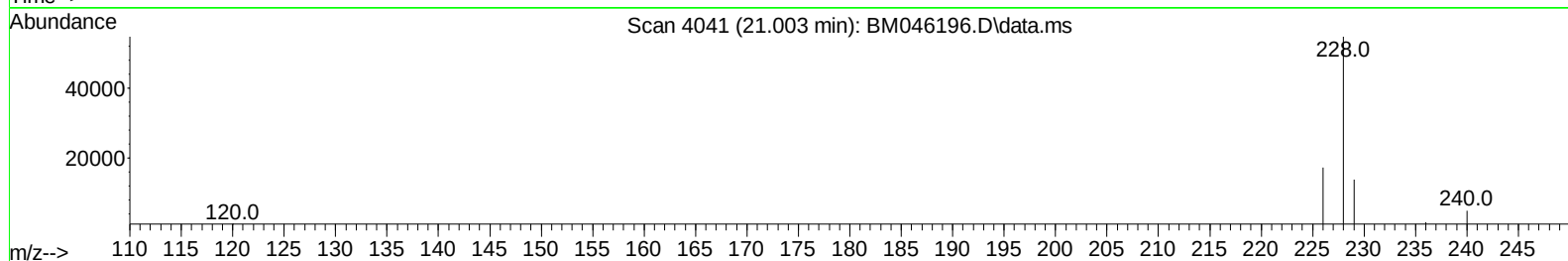
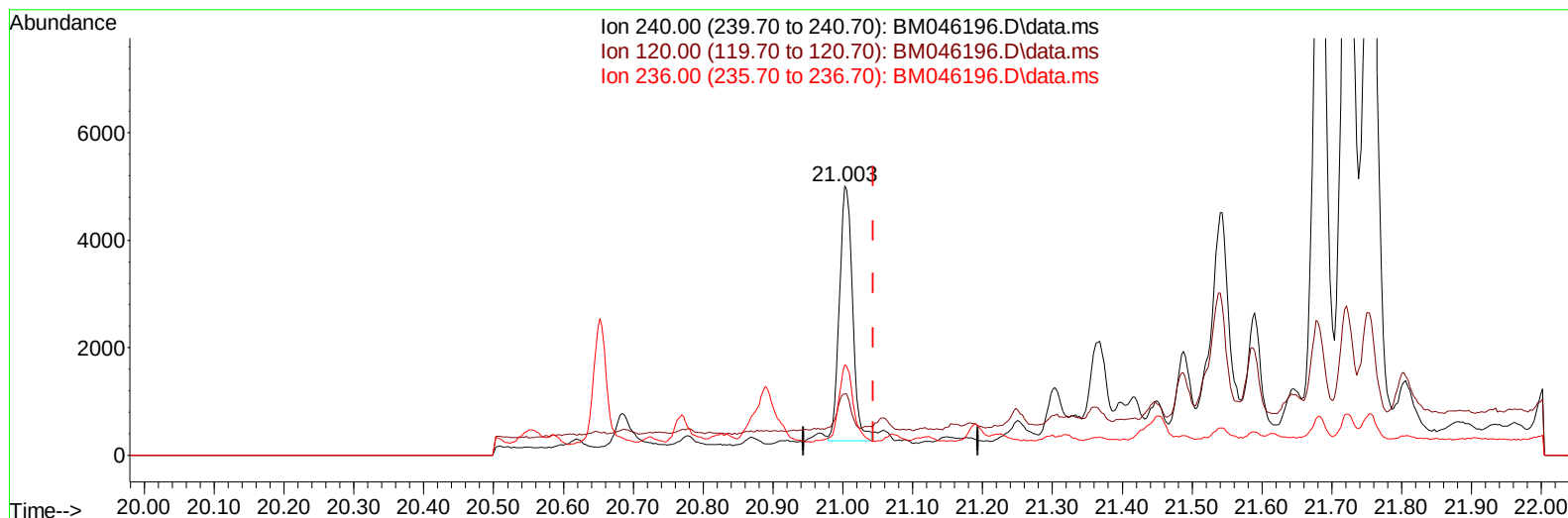
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(17) Chrysene-d12

21.003min (-0.041) 0.40 ng/ul m

response 6178

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	22.84
236.00	33.60	33.71
0.00	0.00	0.00

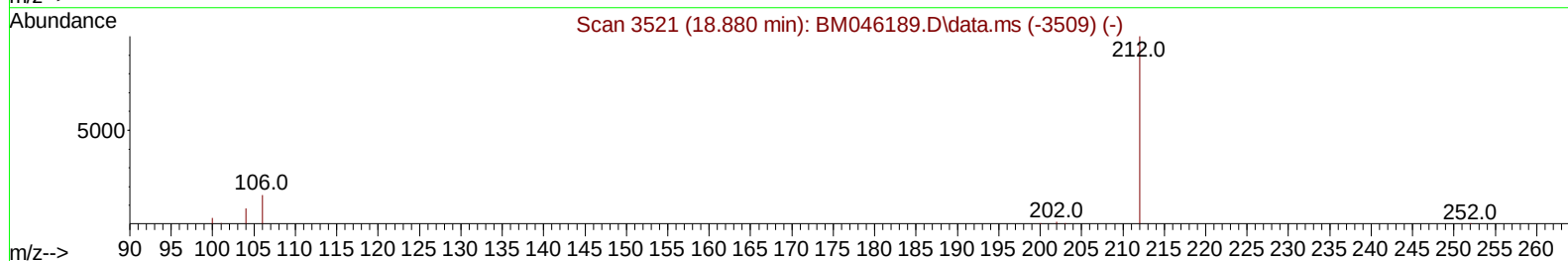
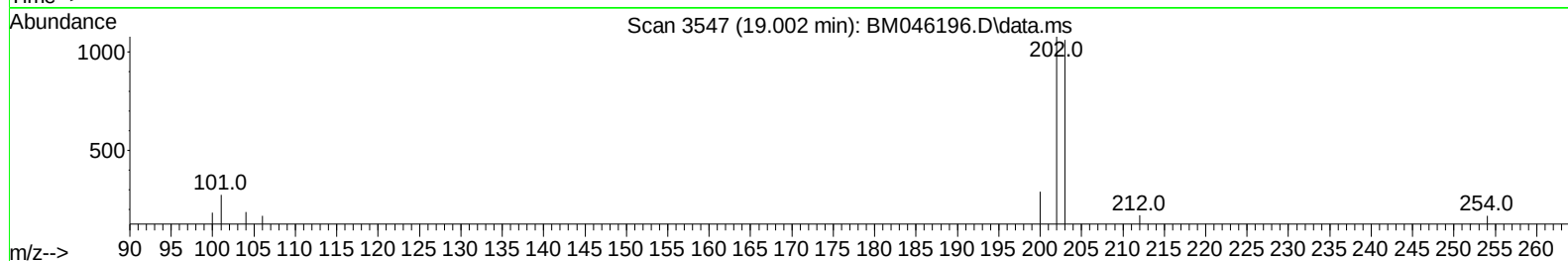
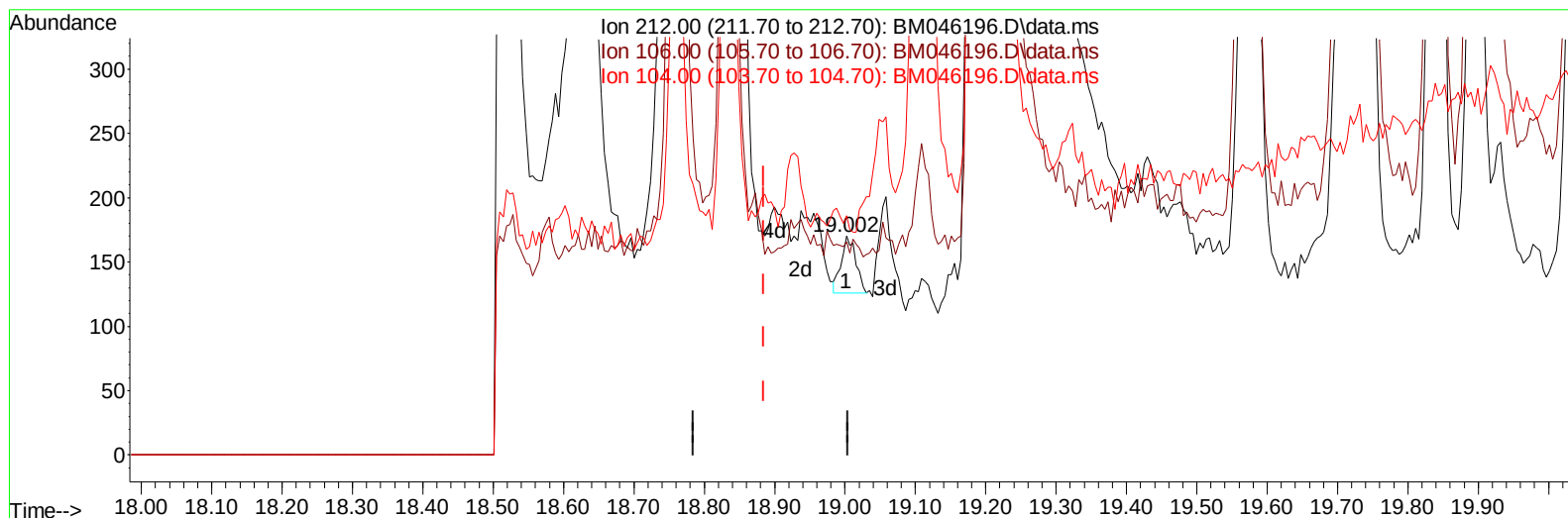
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046196.D
 Acq On : 22 Jun 2024 14:01
 Operator : MA/JU
 Sample : P2775-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046196.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.002min (+ 0.118) 0.00 ng/u1

response 63

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.70	14.29
104.00	10.30	0.00#
0.00	0.00	0.00

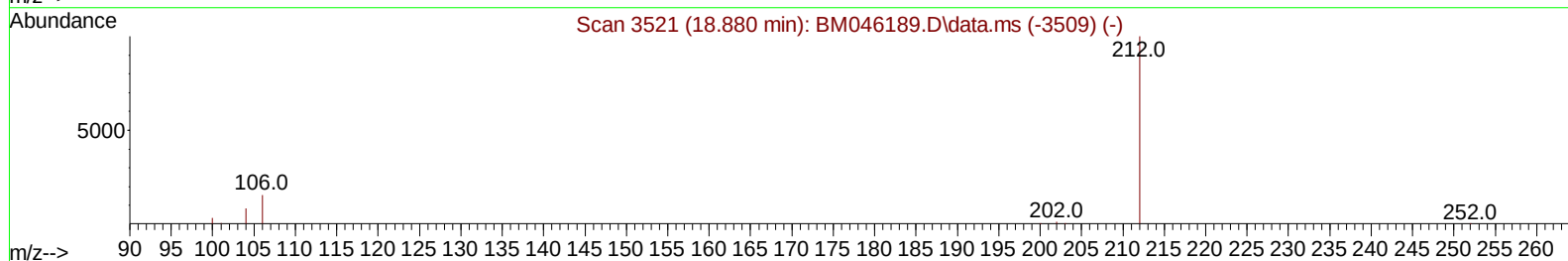
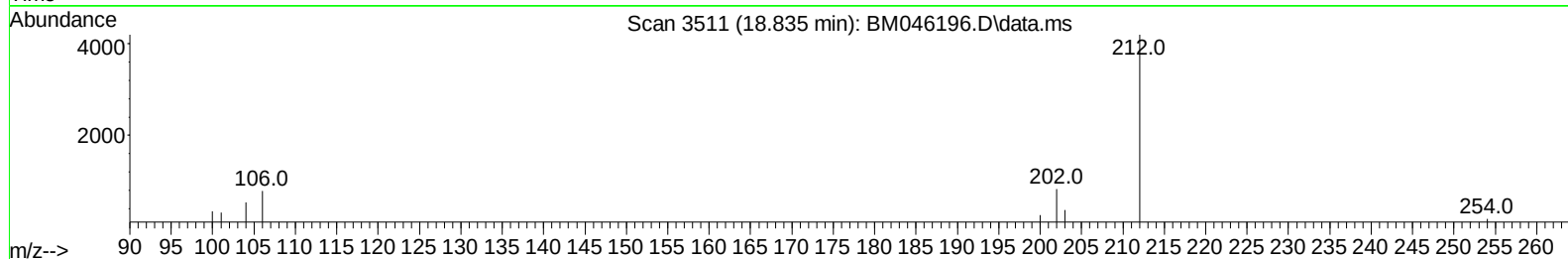
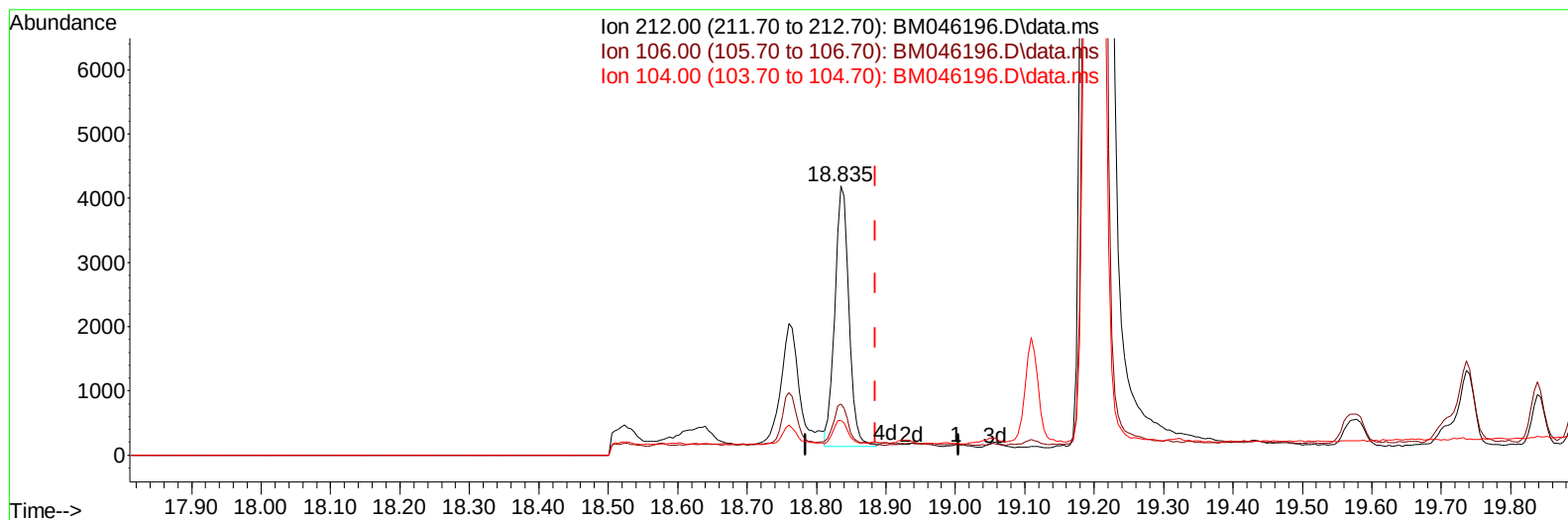
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
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TIC: BM046196.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.835min (-0.050) 0.31 ng/ul m

response 5715

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.70	0.16#
104.00	10.30	0.00#
0.00	0.00	0.00

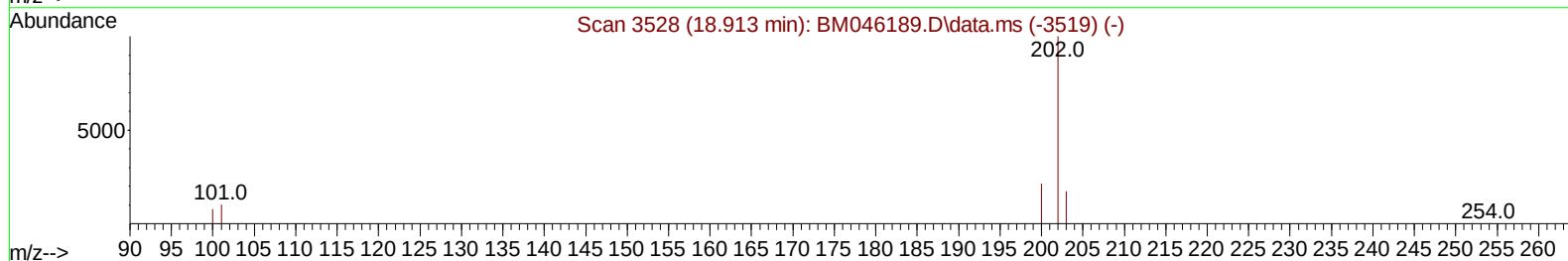
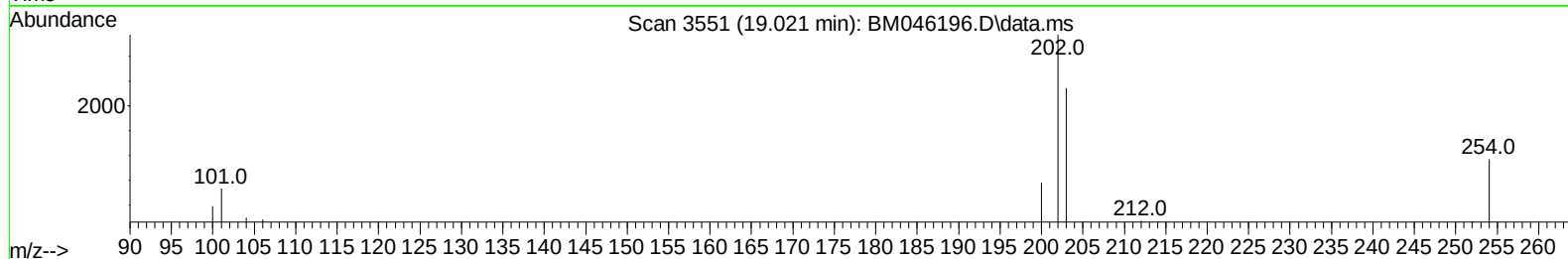
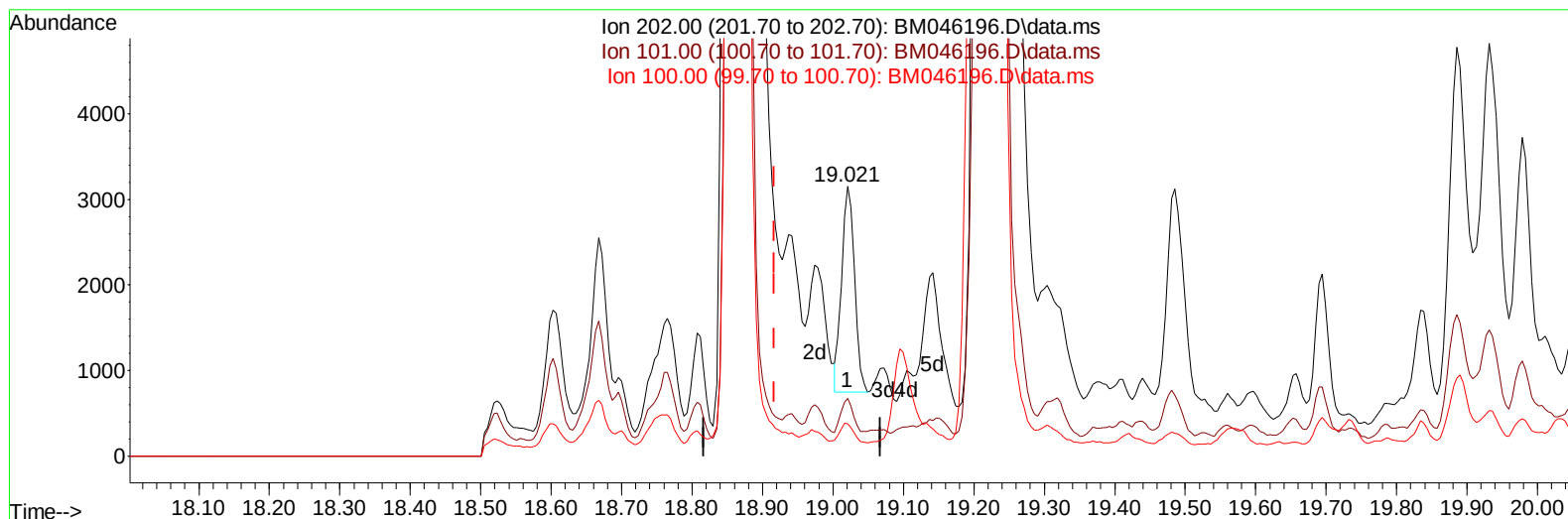
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM046196.D\data.ms

(19) Fluoranthene (C)

19.021min (+ 0.104) 0.12 ng/u1

response 3091

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.00	21.26#
100.00	9.50	11.87#
0.00	0.00	0.00

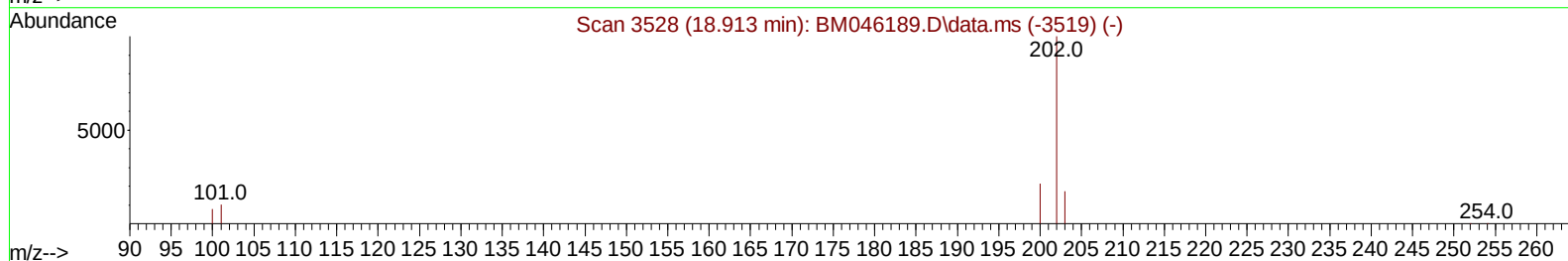
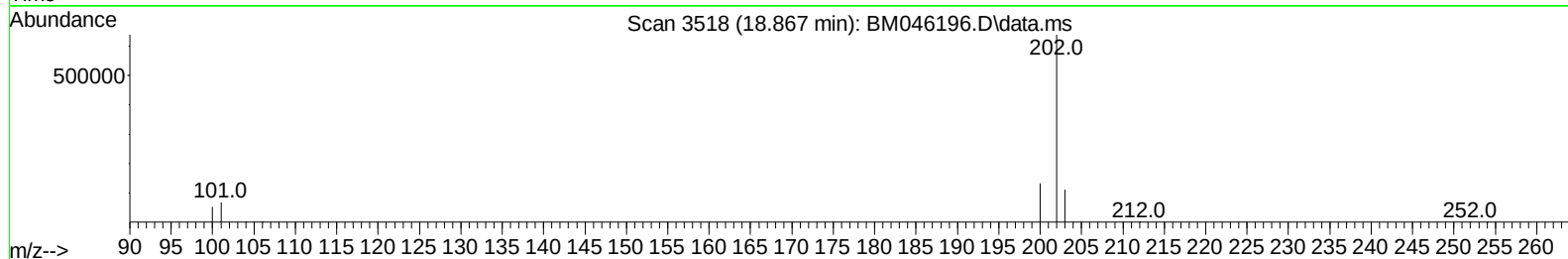
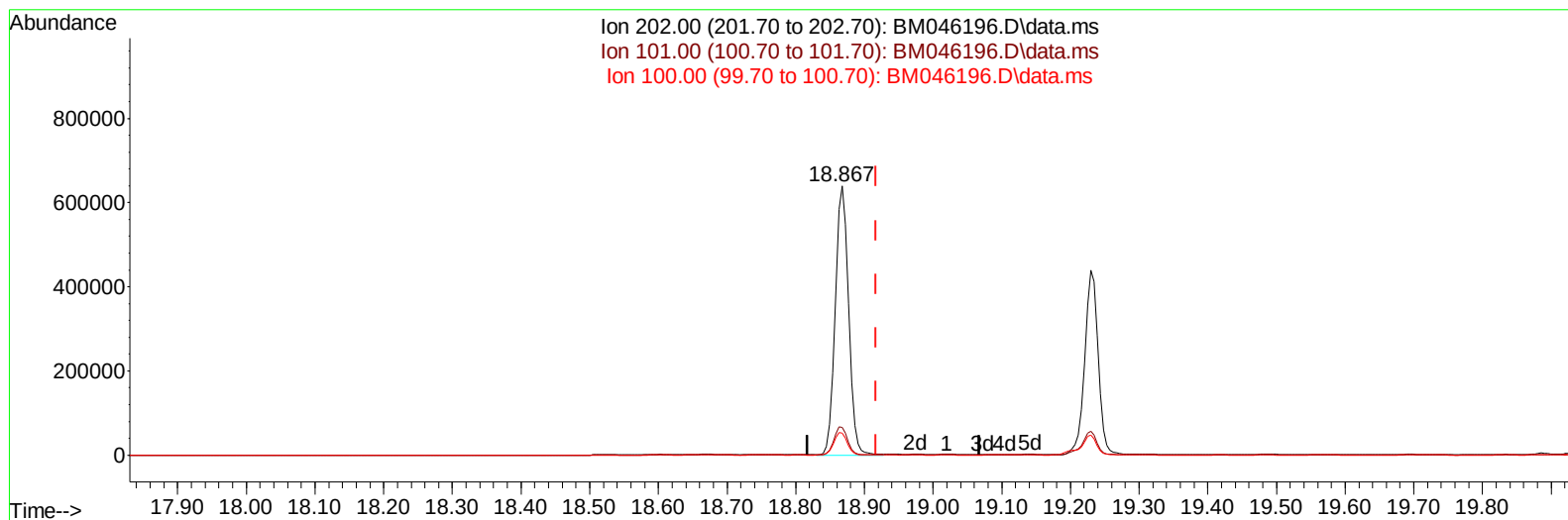
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(19) Fluoranthene (C)

18.867min (-0.050) 32.53 ng/ul m

response 870171

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.00	10.39
100.00	9.50	8.08
0.00	0.00	0.00

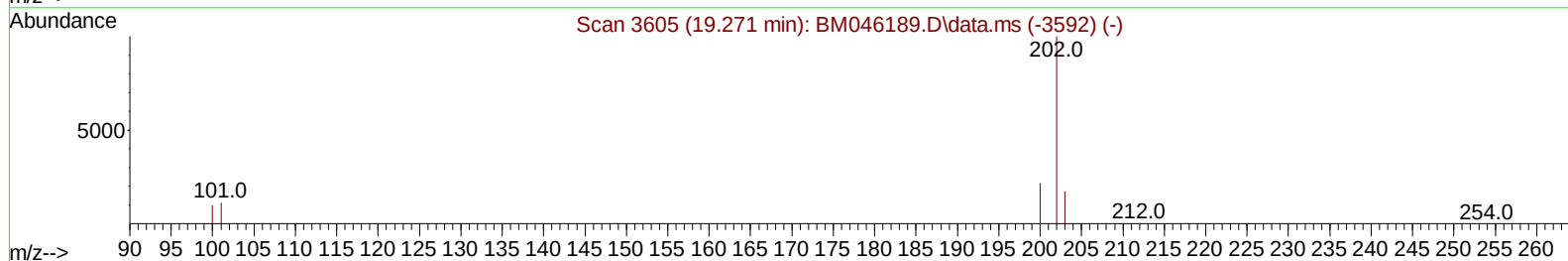
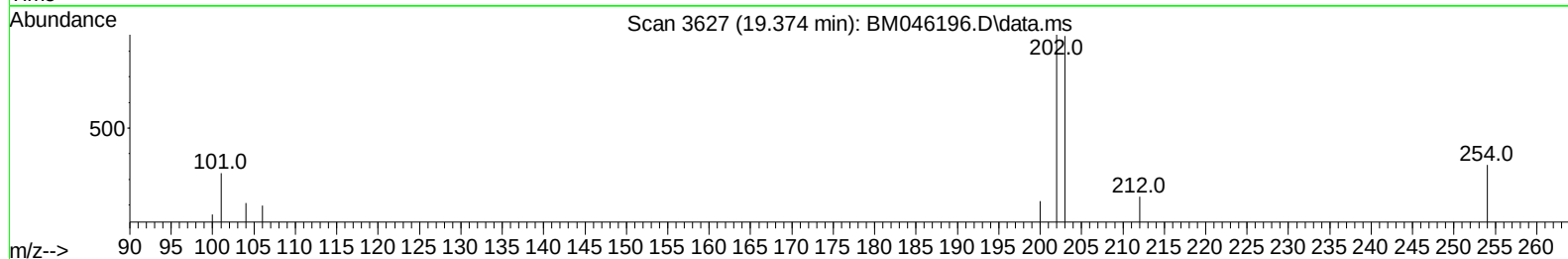
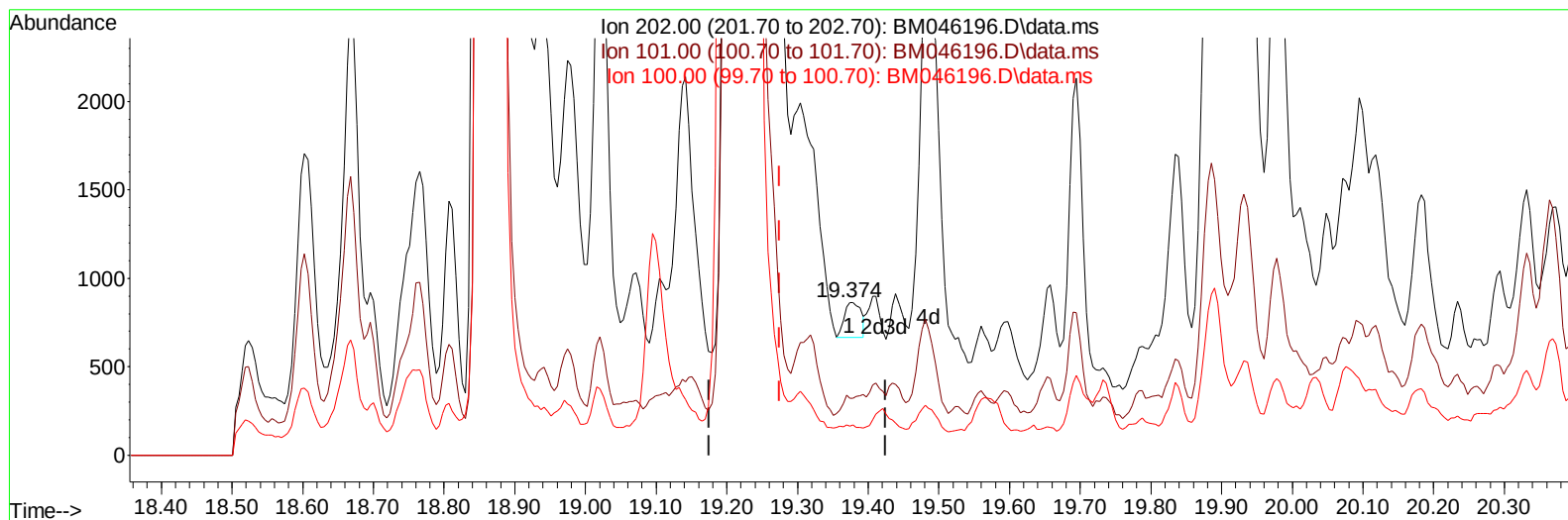
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(20) Pyrene

19.374min (+ 0.099) 0.01 ng/u1

response 321

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.10	37.38#
100.00	12.20	18.98#
0.00	0.00	0.00

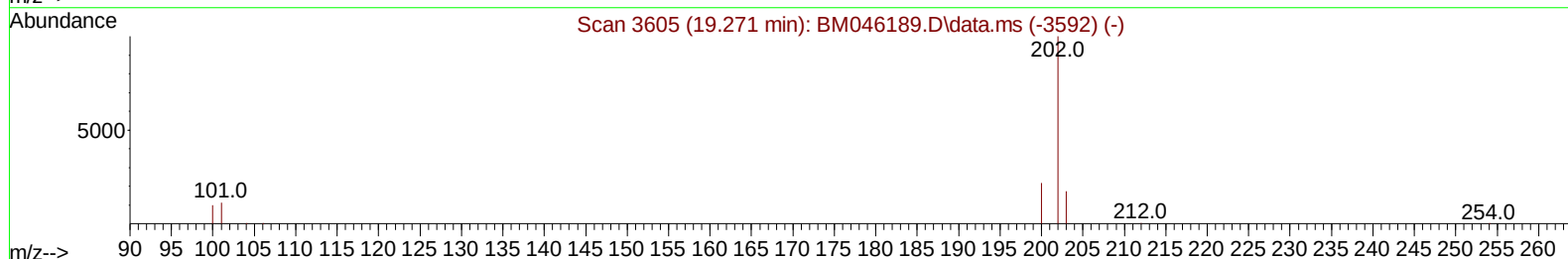
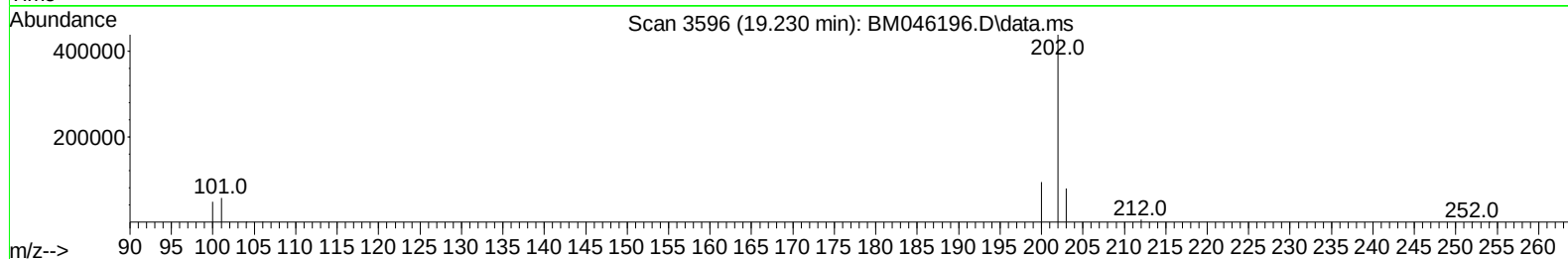
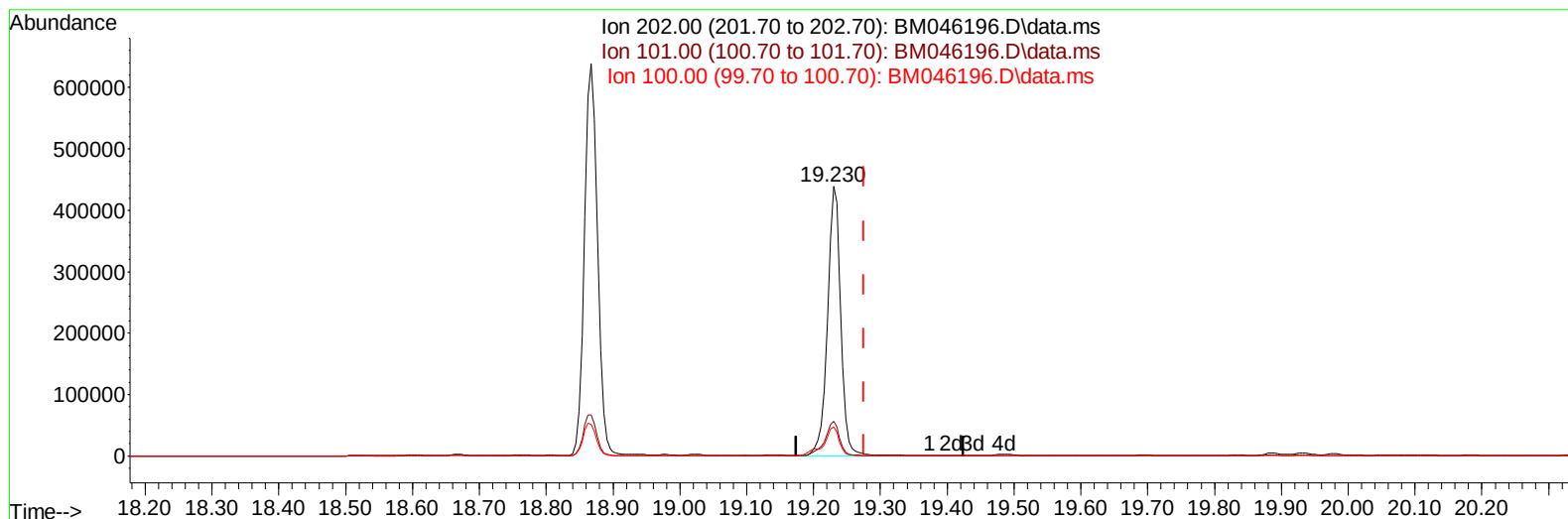
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(20) Pyrene

19.230min (-0.045) 21.22 ng/ul m

response 613879

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.10	12.79
100.00	12.20	10.82
0.00	0.00	0.00

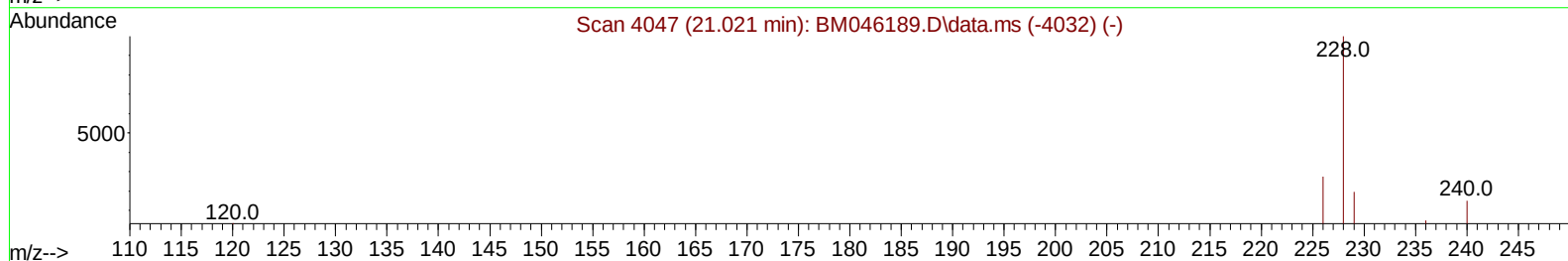
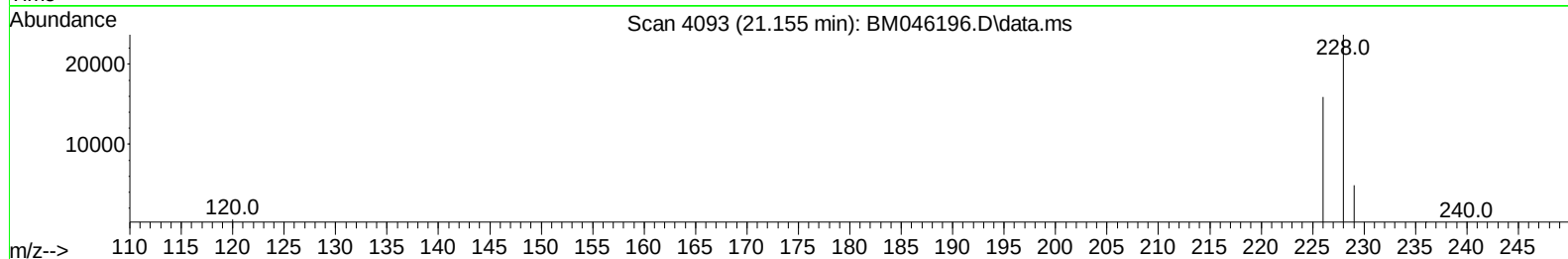
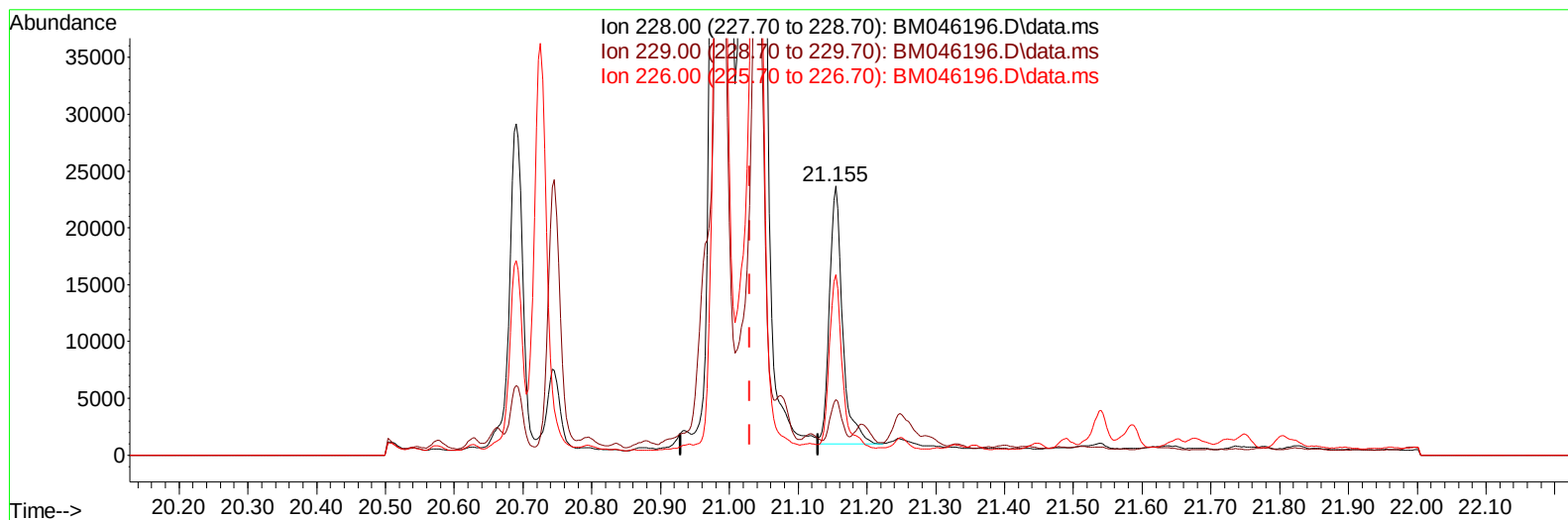
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
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TIC: BM046196.D\data.ms

(21) Benzo(a)anthracene

21.155min (+ 0.125) 1.27 ng/u1

response 30251

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	20.72
226.00	29.30	67.08#
0.00	0.00	0.00

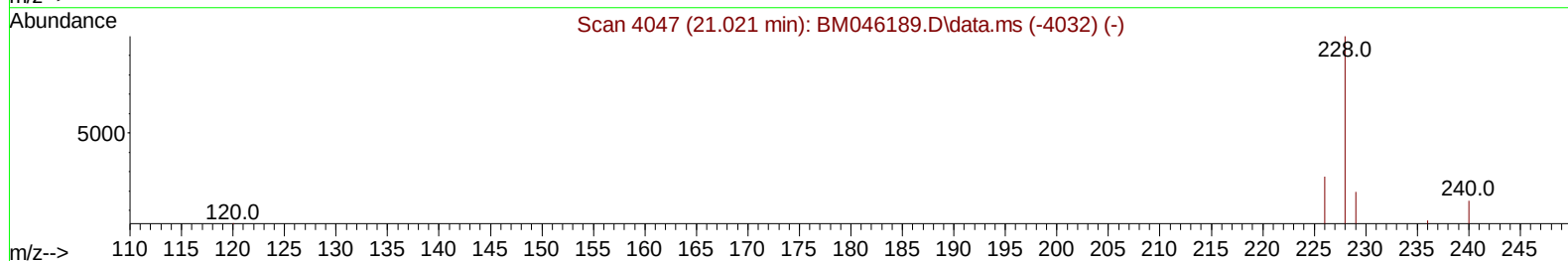
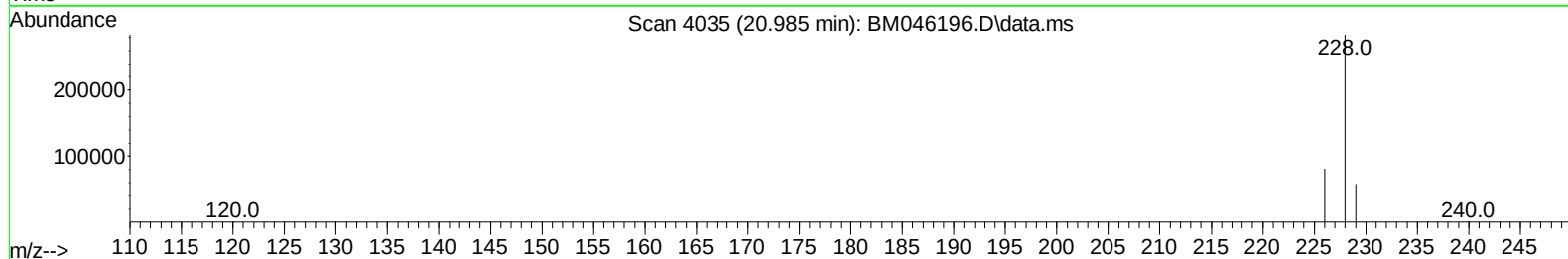
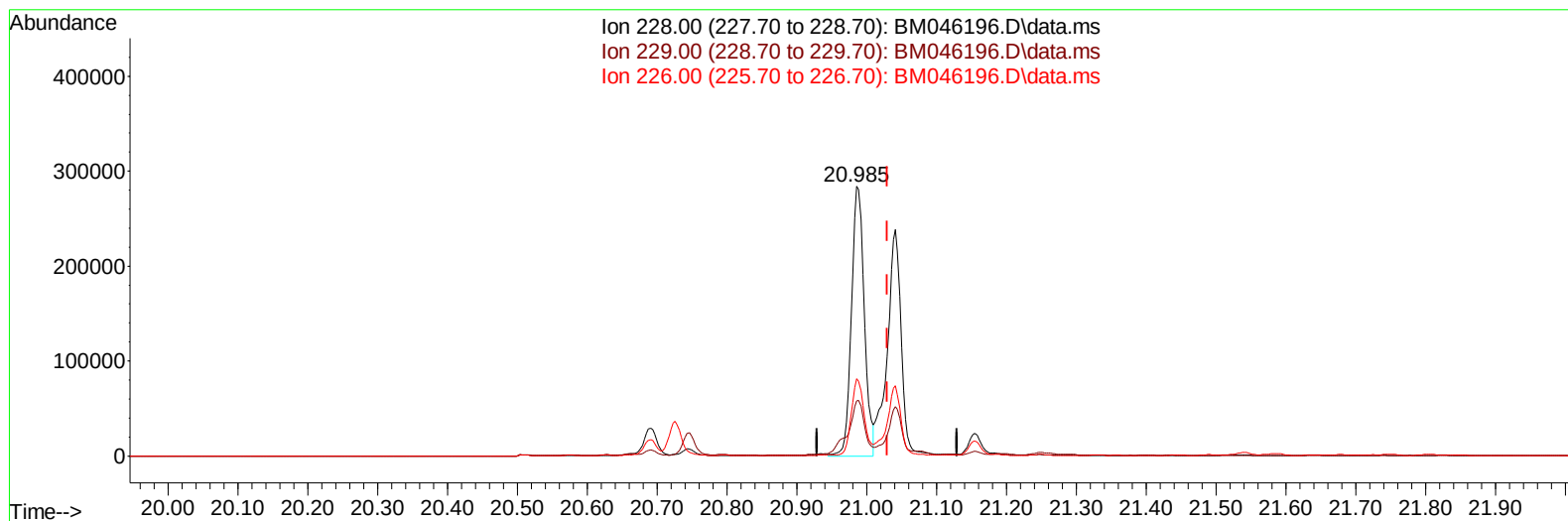
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(21) Benzo(a)anthracene

20.985min (-0.044) 15.17 ng/ul m

response 361921

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	20.34
226.00	29.30	28.71
0.00	0.00	0.00

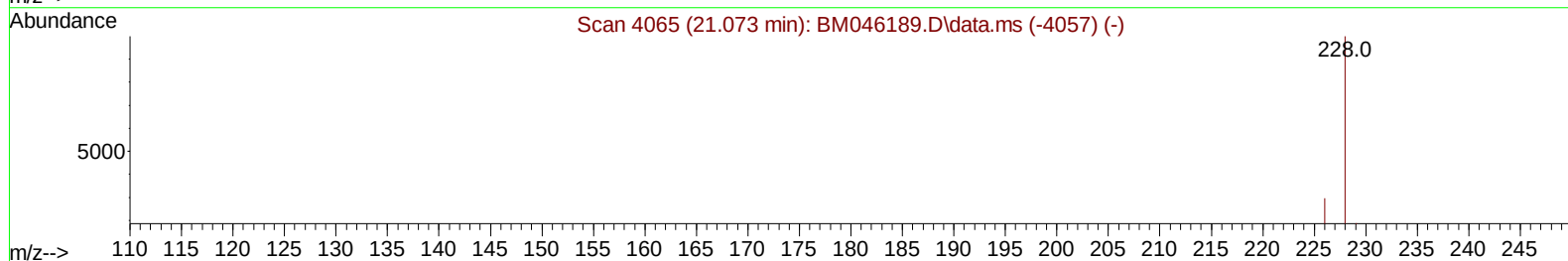
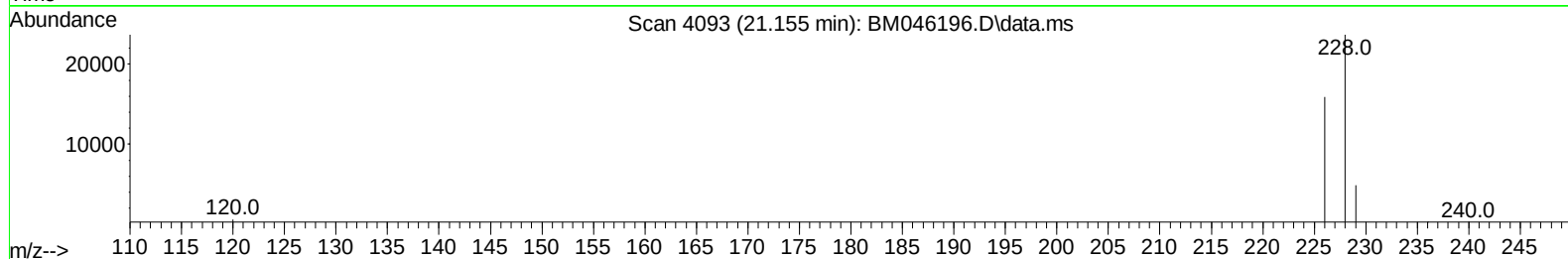
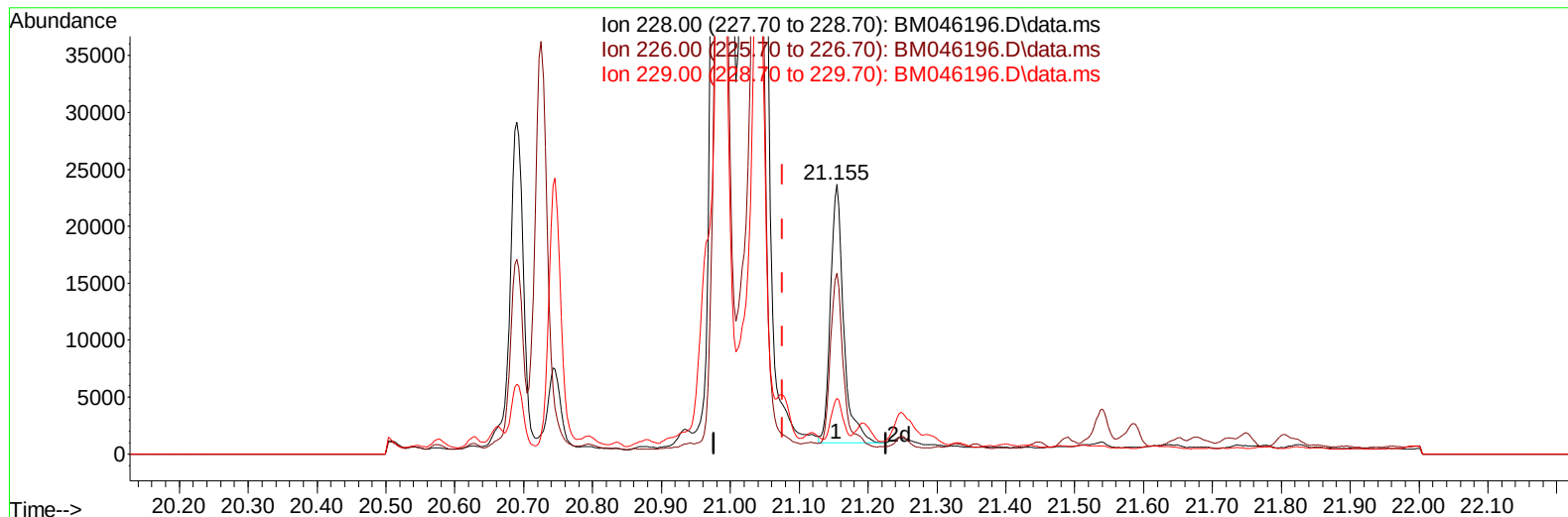
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(22) Chrysene

21.155min (+ 0.079) 0.99 ng/u1

response 30251

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.50	67.08#
229.00	20.40	20.72
0.00	0.00	0.00

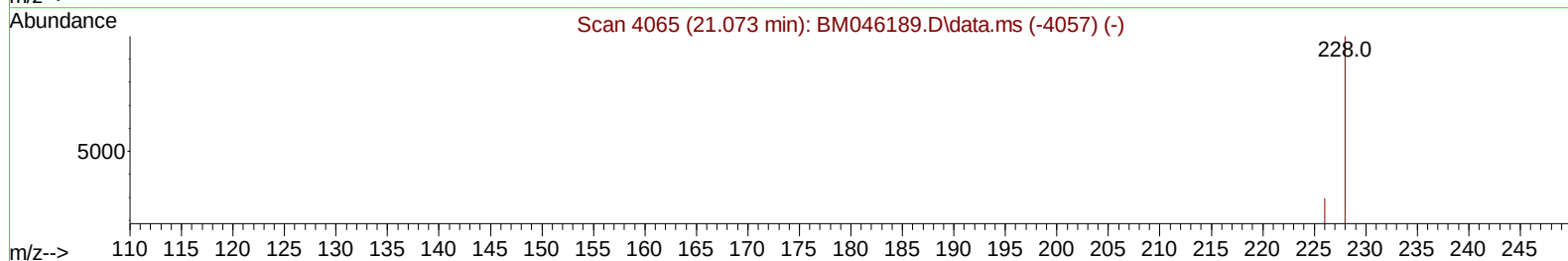
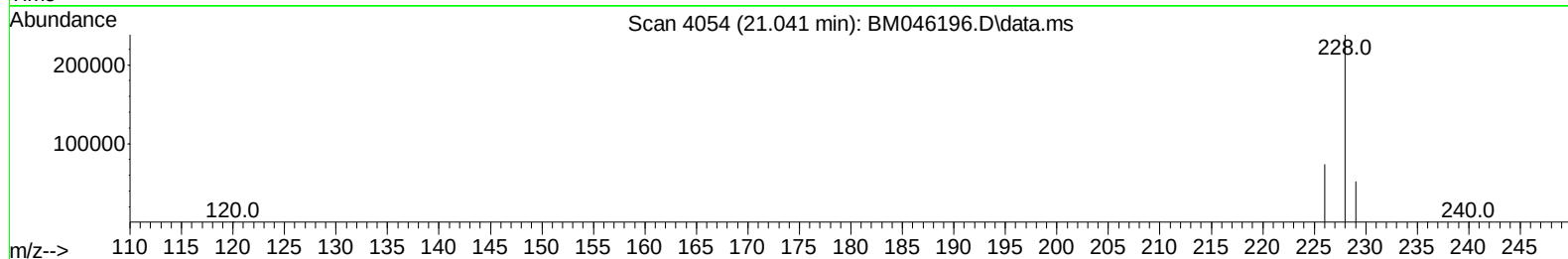
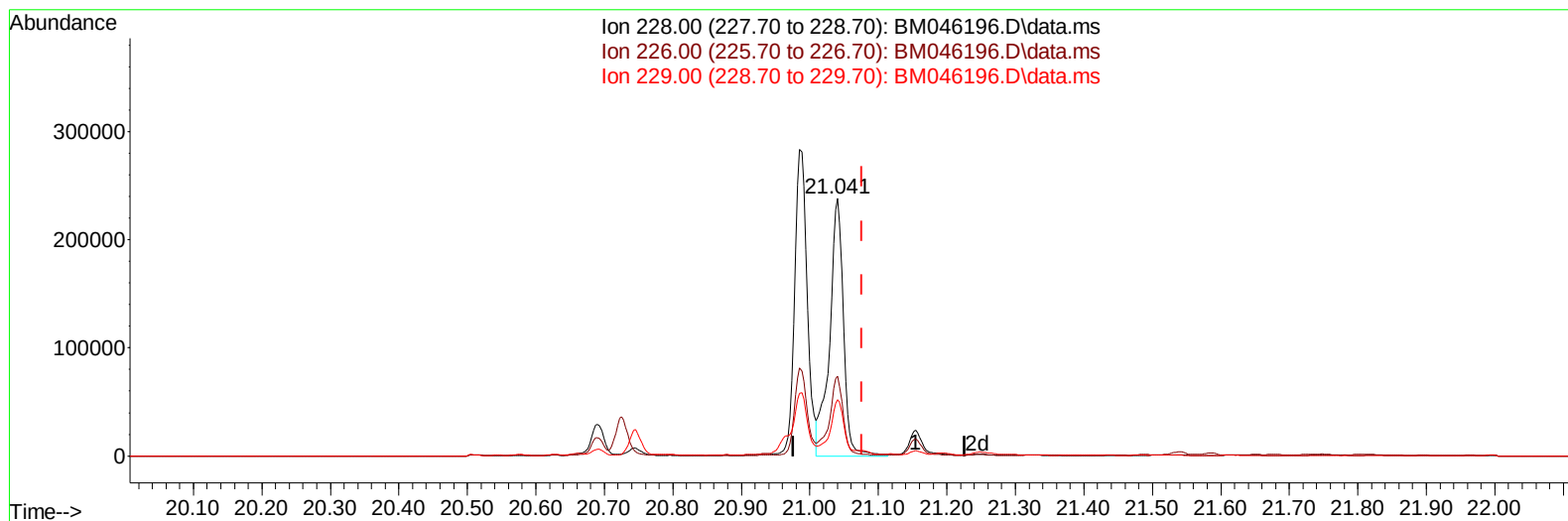
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(22) Chrysene

21.041min (-0.035) 11.10 ng/ul m

response 337967

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.50	30.97
229.00	20.40	21.85
0.00	0.00	0.00

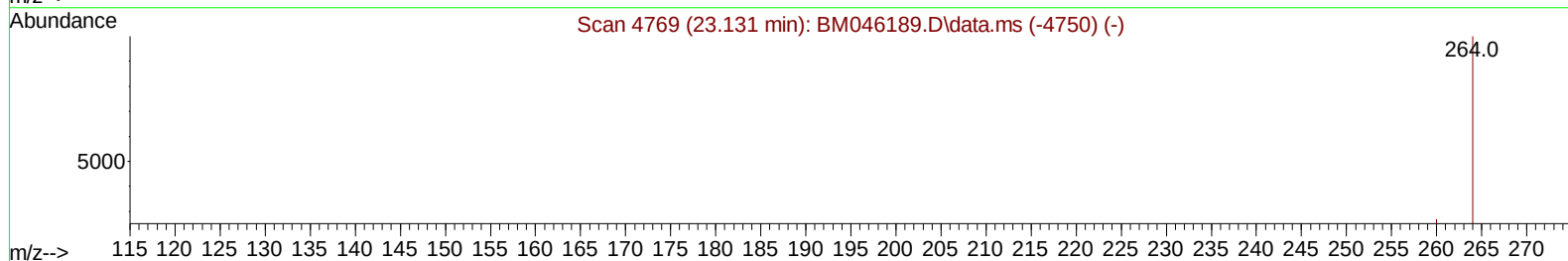
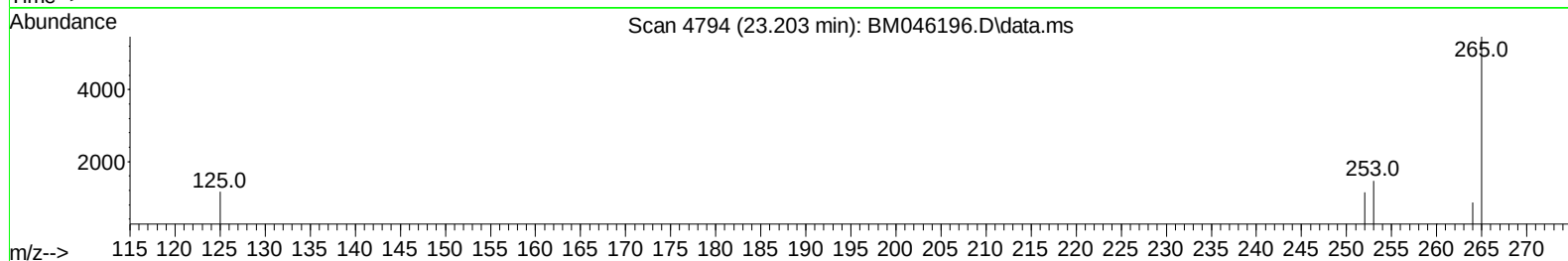
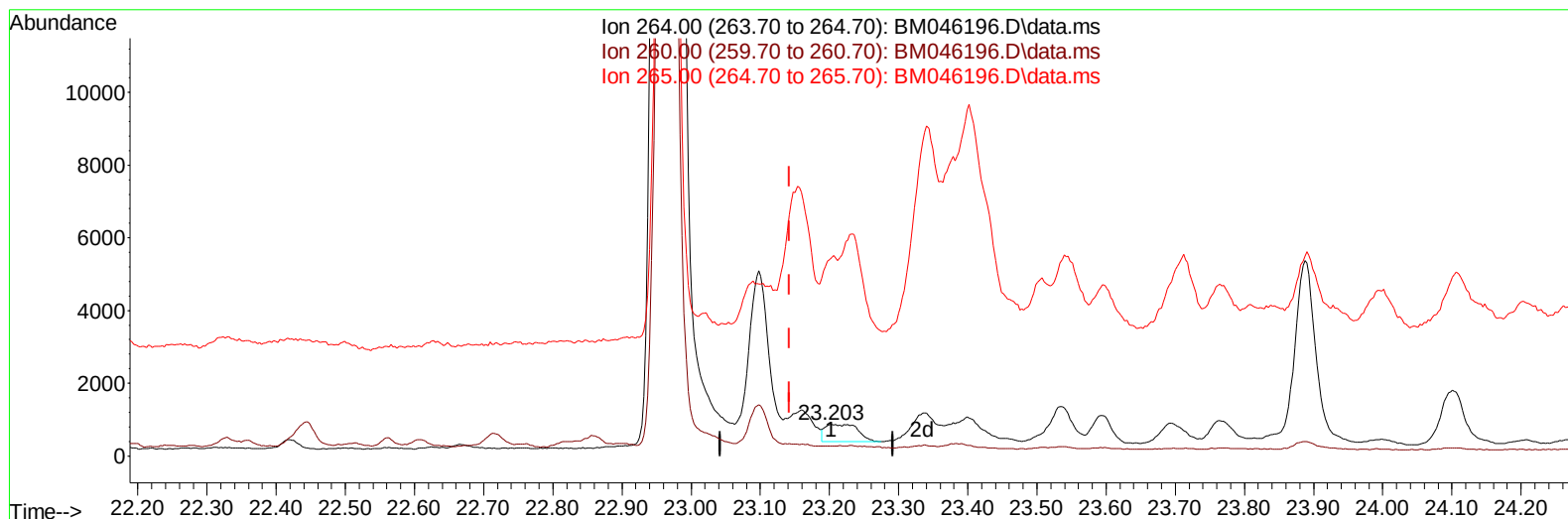
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046196.D
 Acq On : 22 Jun 2024 14:01
 Operator : MA/JU
 Sample : P2775-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(23) Perylene-d12 (I)

23.203min (+ 0.061) 0.40 ng/ul

response 1536

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	30.65
265.00	110.60	627.67#
0.00	0.00	0.00

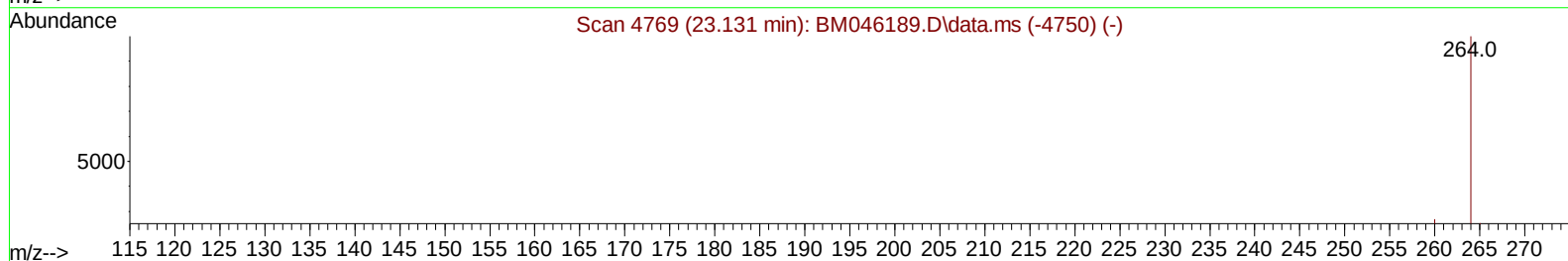
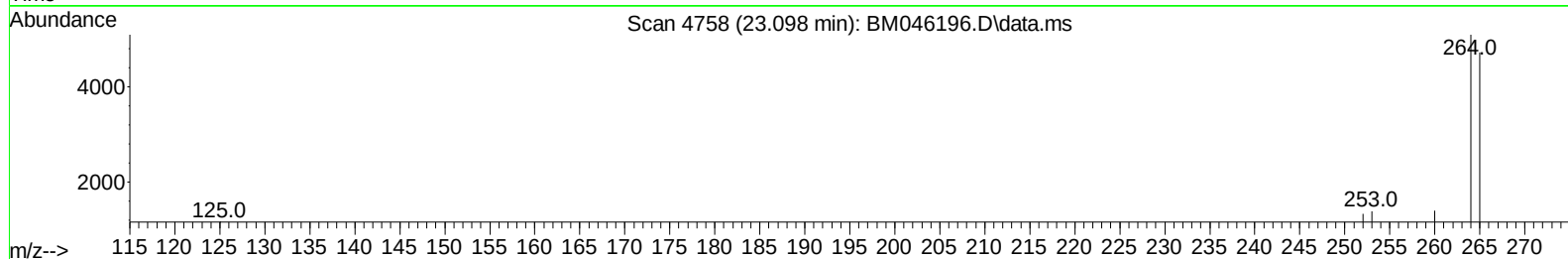
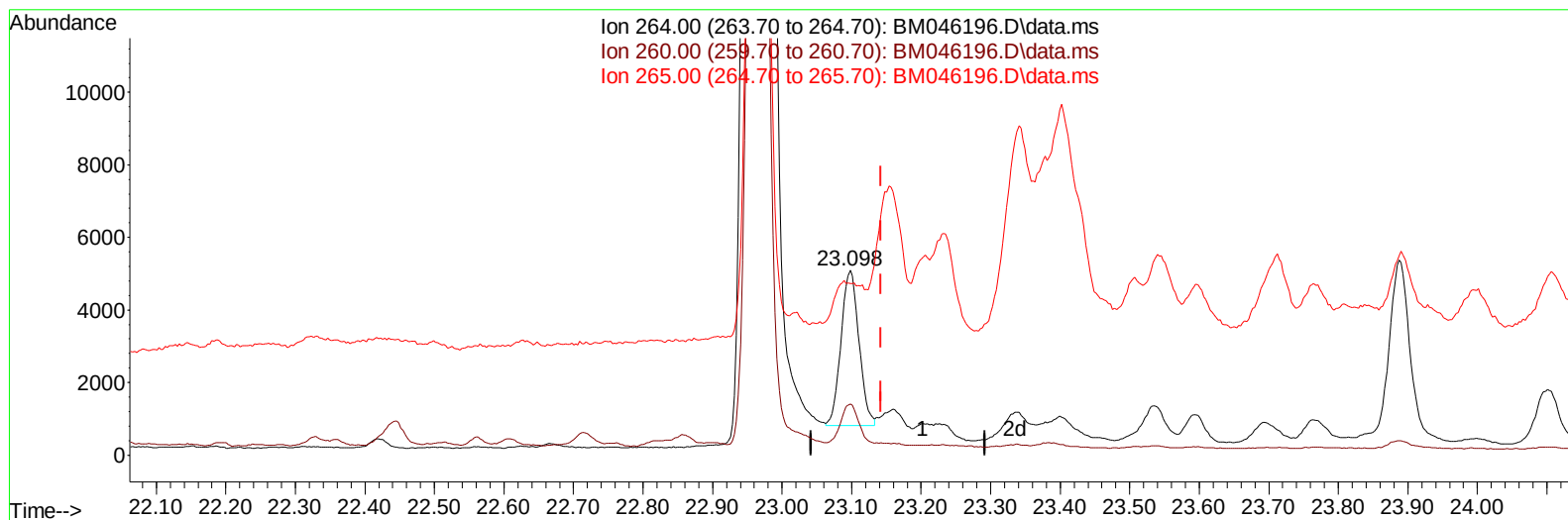
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(23) Perylene-d12 (I)

23.098min (-0.044) 0.40 ng/ul m

response 7712

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.56
265.00	110.60	92.80
0.00	0.00	0.00

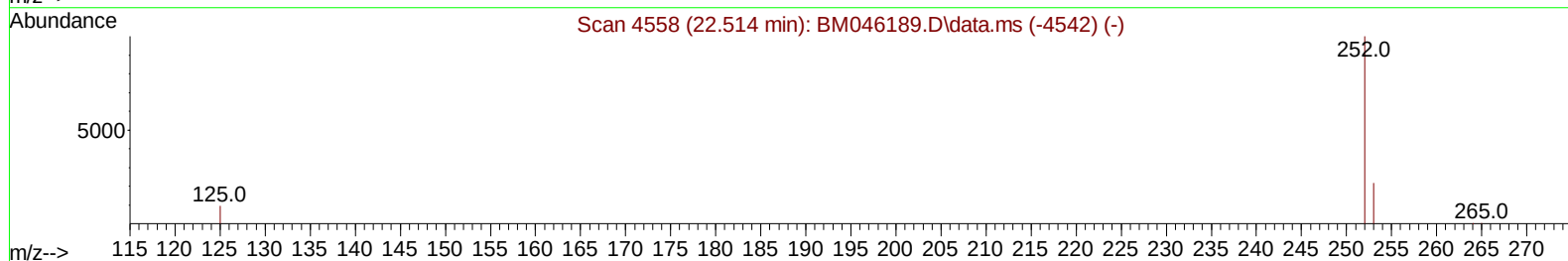
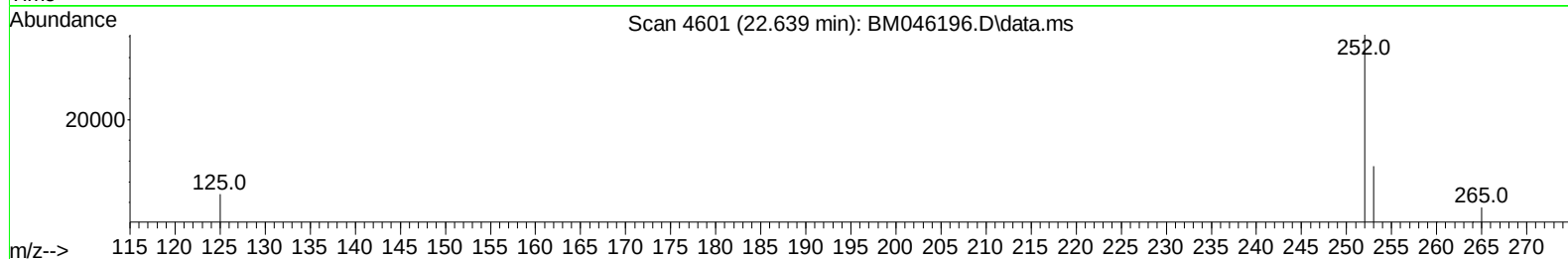
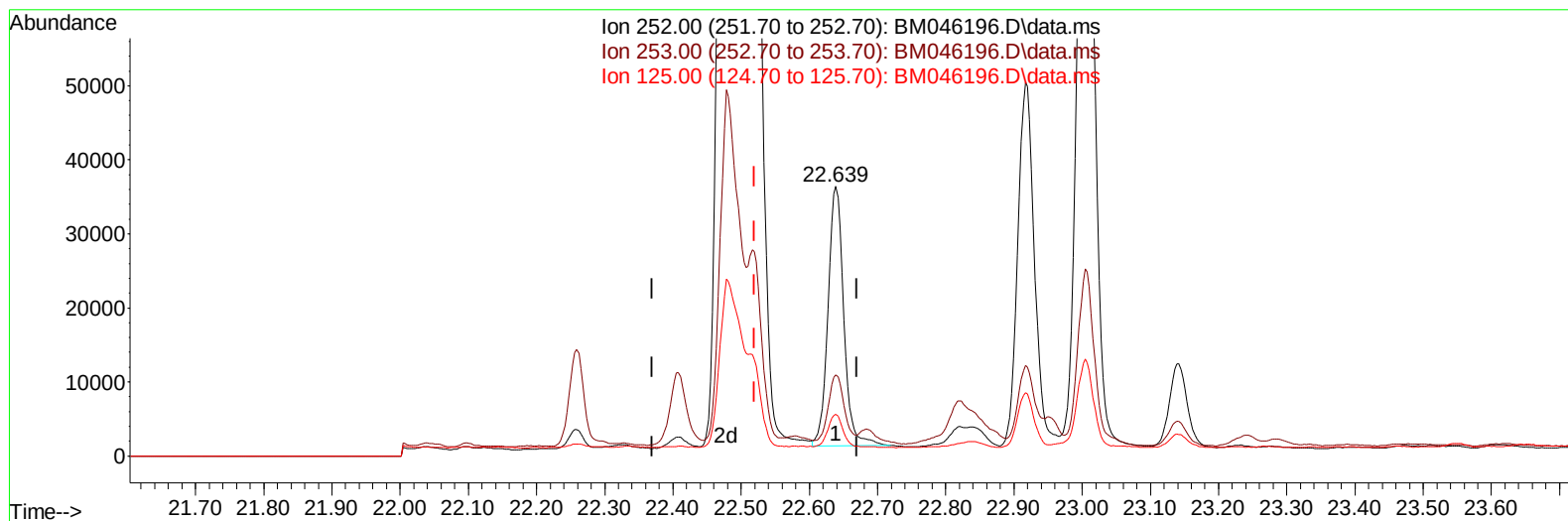
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(24) Benzo(b)fluoranthene

22.639min (+ 0.120) 2.03 ng/u1

response 56296

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	30.15
125.00	20.10	15.50
0.00	0.00	0.00

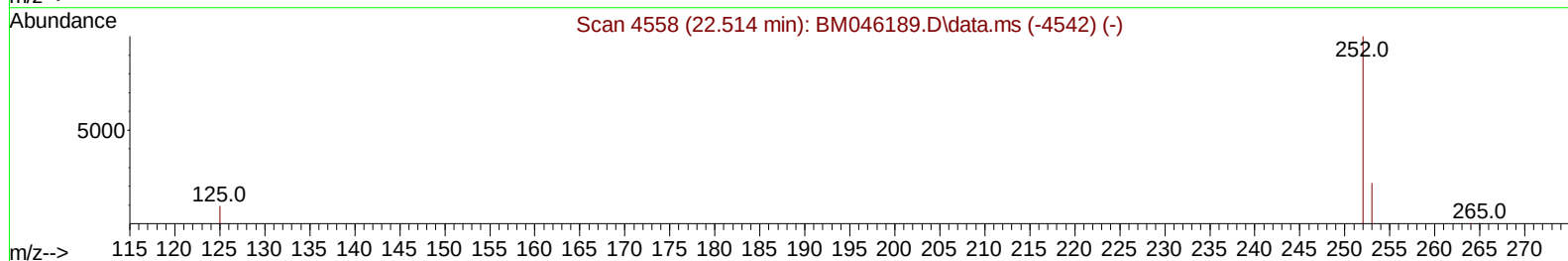
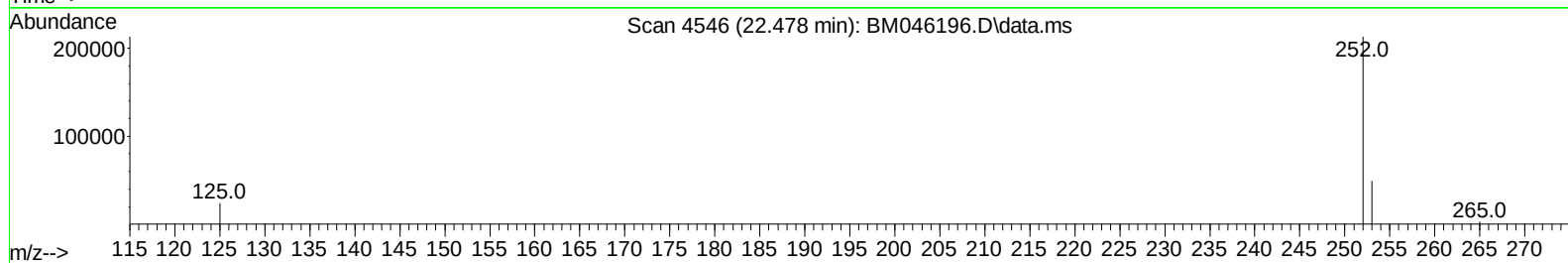
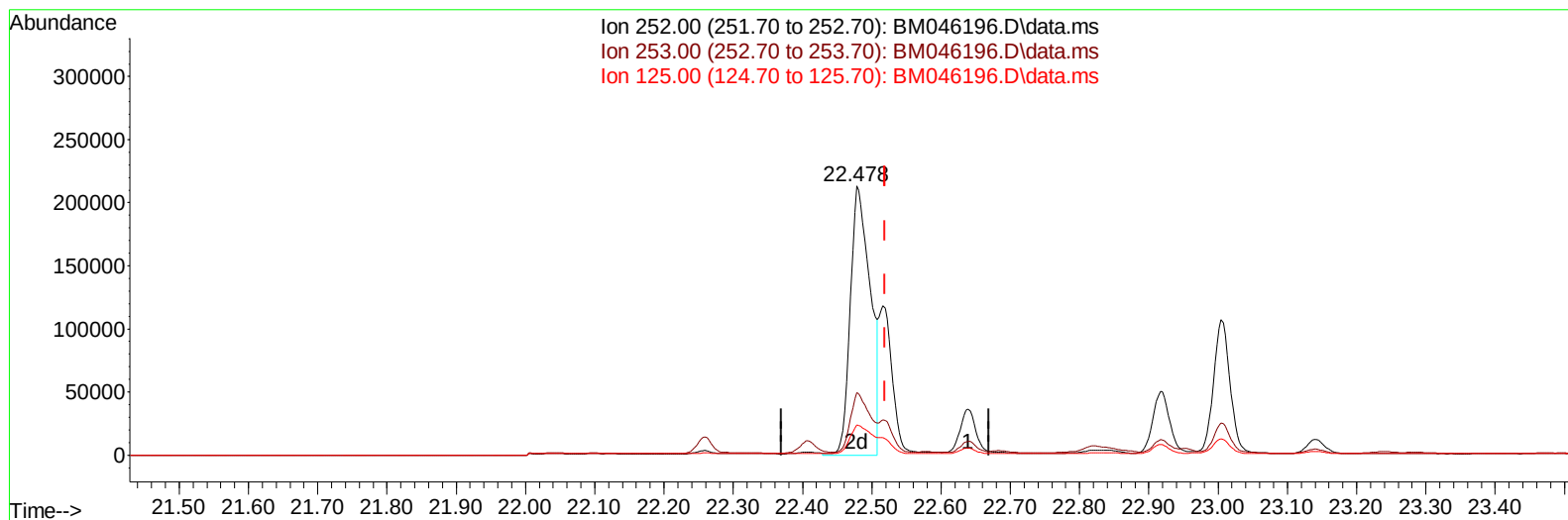
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046196.D
 Acq On : 22 Jun 2024 14:01
 Operator : MA/JU
 Sample : P2775-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(24) Benzo(b)fluoranthene

22.478min (-0.041) 15.44 ng/ul m

response 428860

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.19
125.00	20.10	11.21
0.00	0.00	0.00

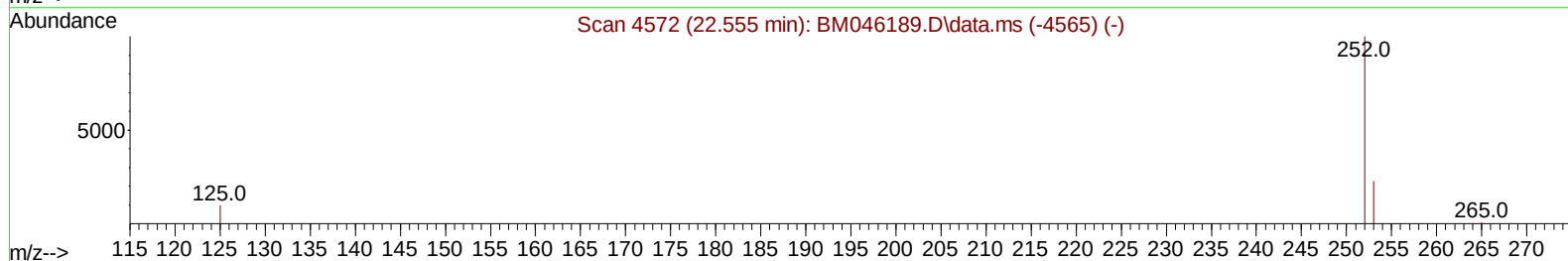
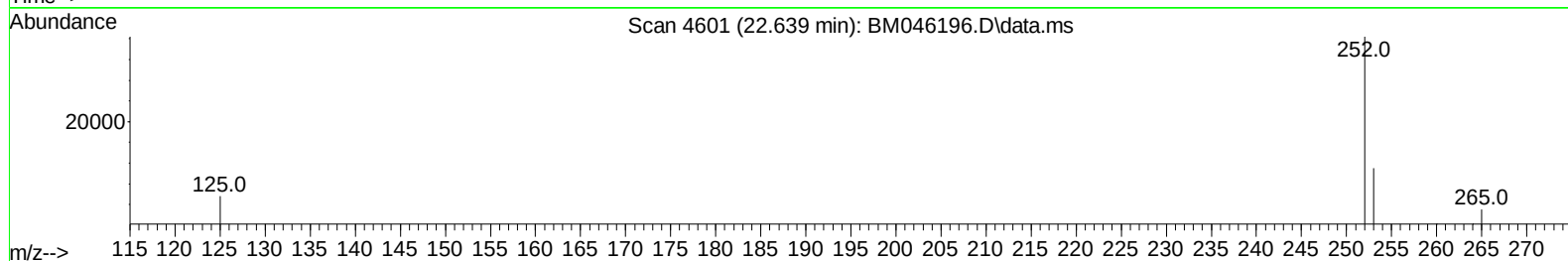
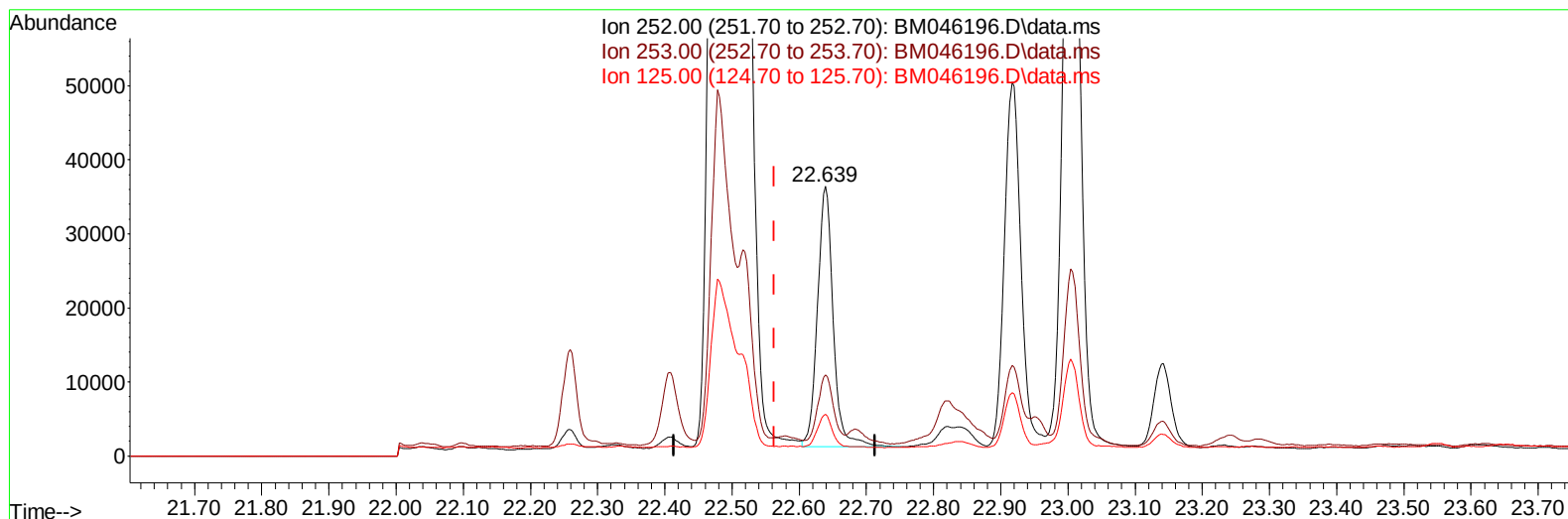
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(25) Benzo(k)fluoranthene

22.639min (+ 0.076) 1.73 ng/u1

response 57281

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	30.15
125.00	20.80	15.50#
0.00	0.00	0.00

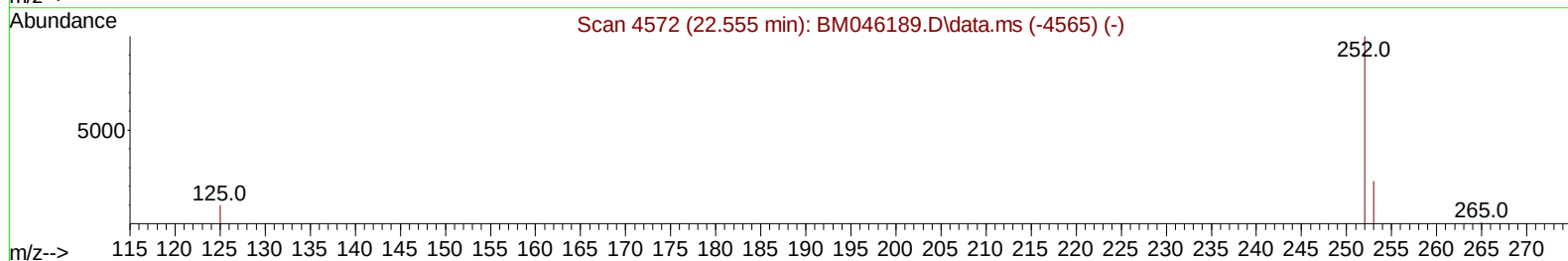
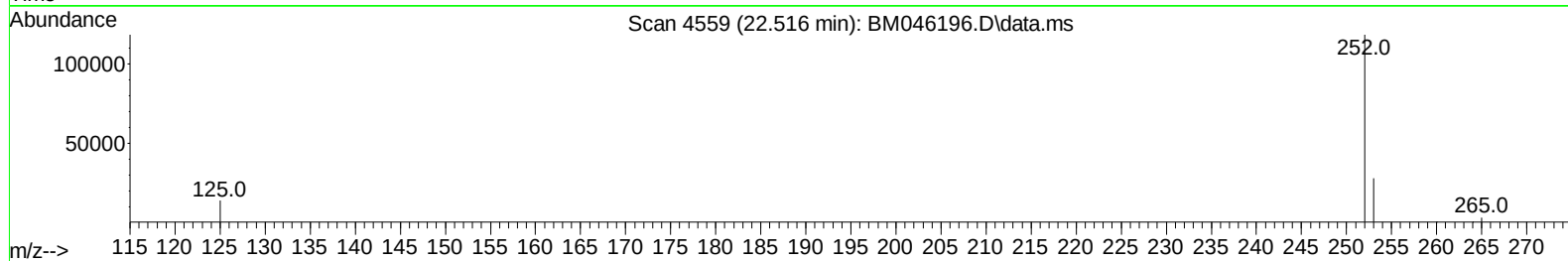
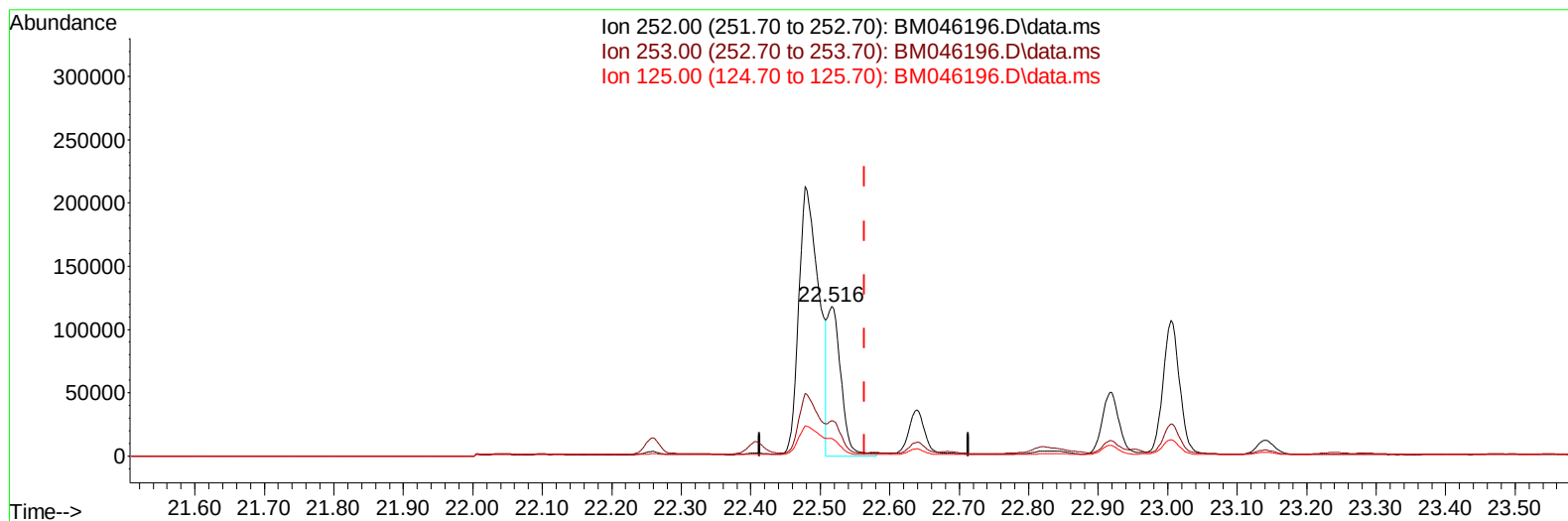
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(25) Benzo(k)fluoranthene22.516min (-0.047) 4.93 ng/u l m

response 162751

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.48#
125.00	20.80	11.58#
0.00	0.00	0.00

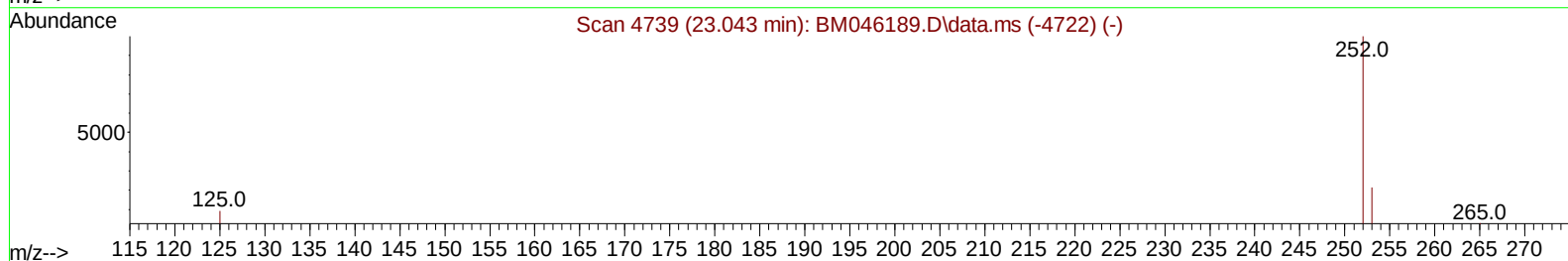
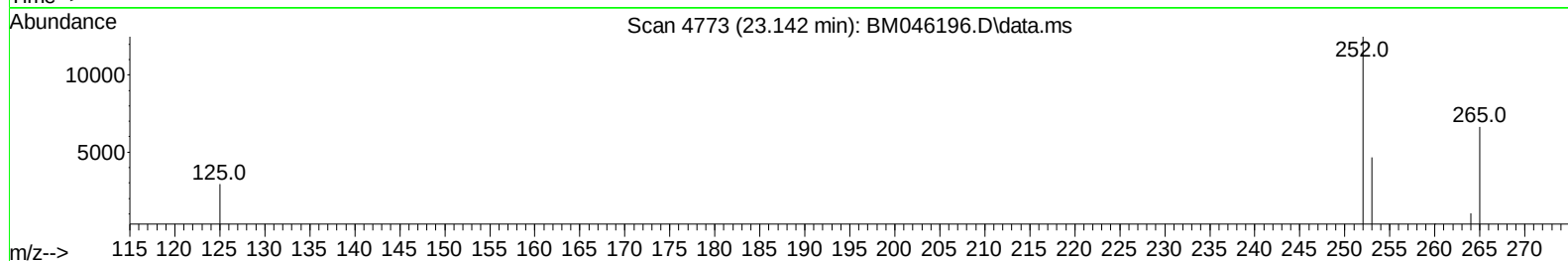
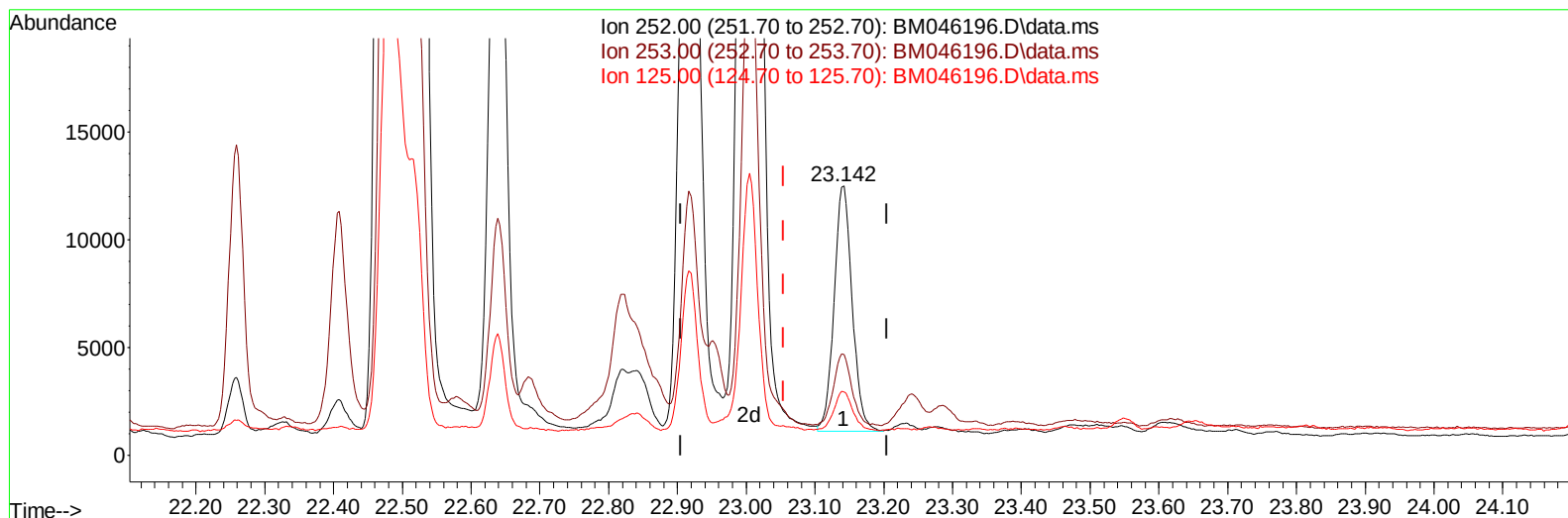
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046196.D
 Acq On : 22 Jun 2024 14:01
 Operator : MA/JU
 Sample : P2775-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(26) Benzo(a)pyrene (C)

23.142min (+ 0.087) 0.81 ng/u1

response 20733

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	37.44
125.00	26.50	23.45
0.00	0.00	0.00

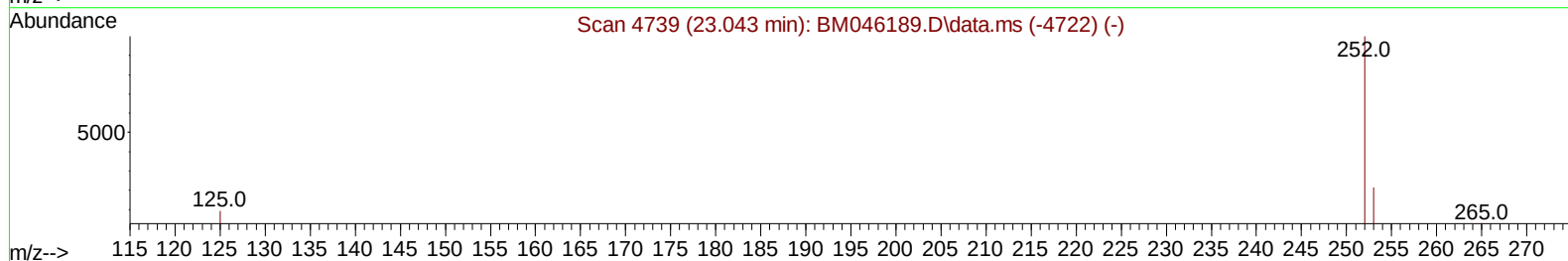
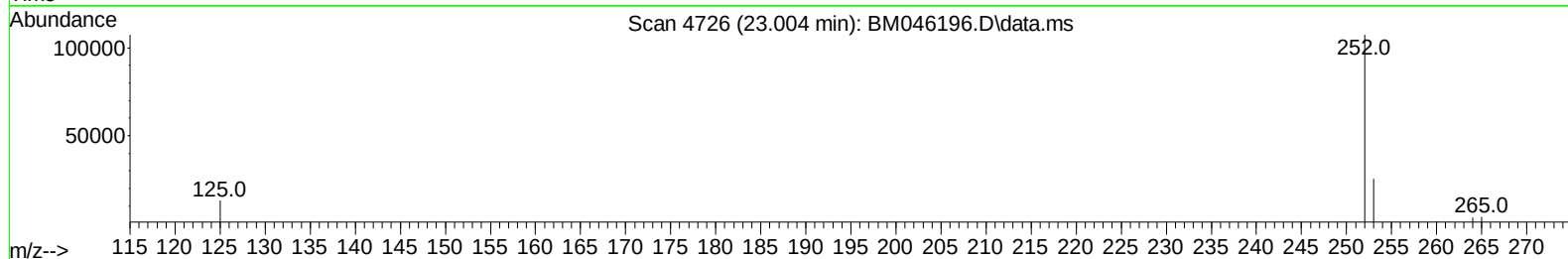
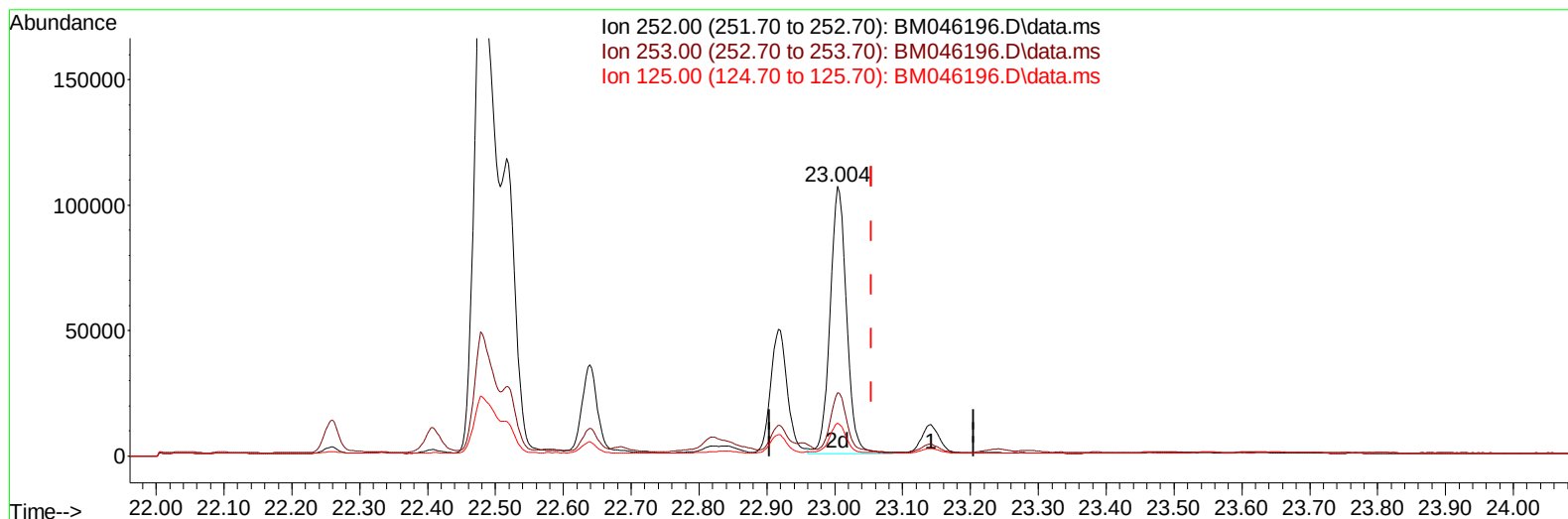
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

(26) Benzo(a)pyrene (C)

23.004min (-0.050) 7.01 ng/ul m

response 180605

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	23.55#
125.00	26.50	12.19#
0.00	0.00	0.00

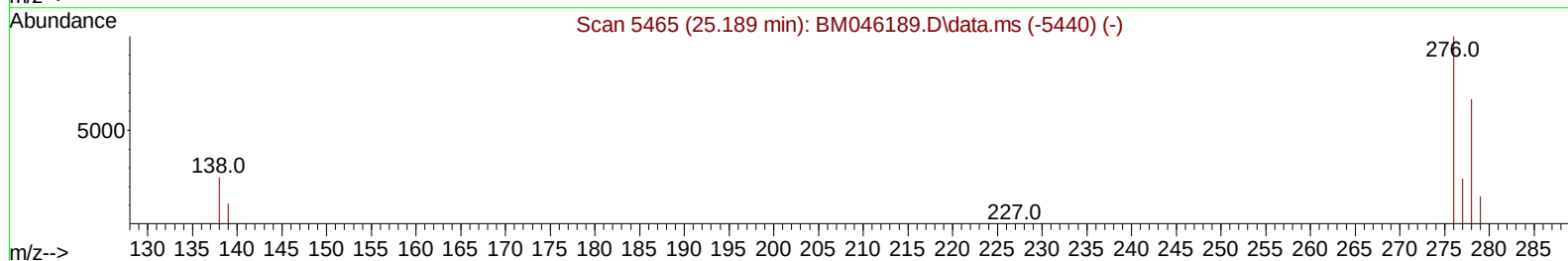
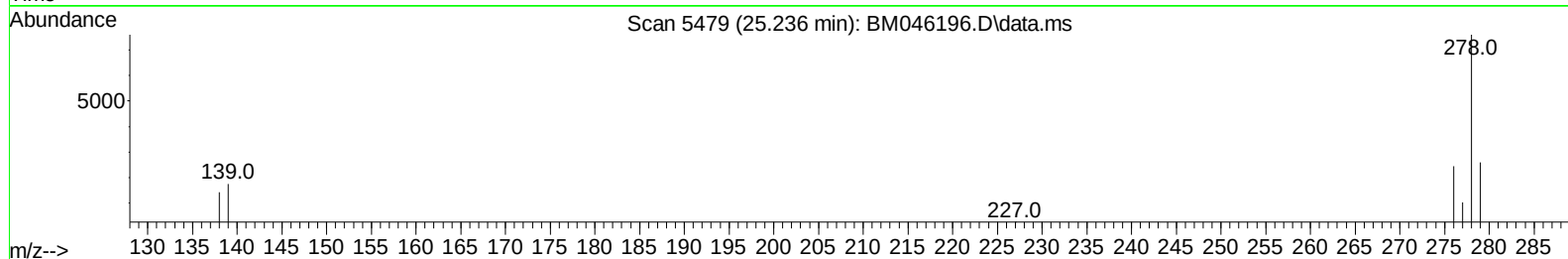
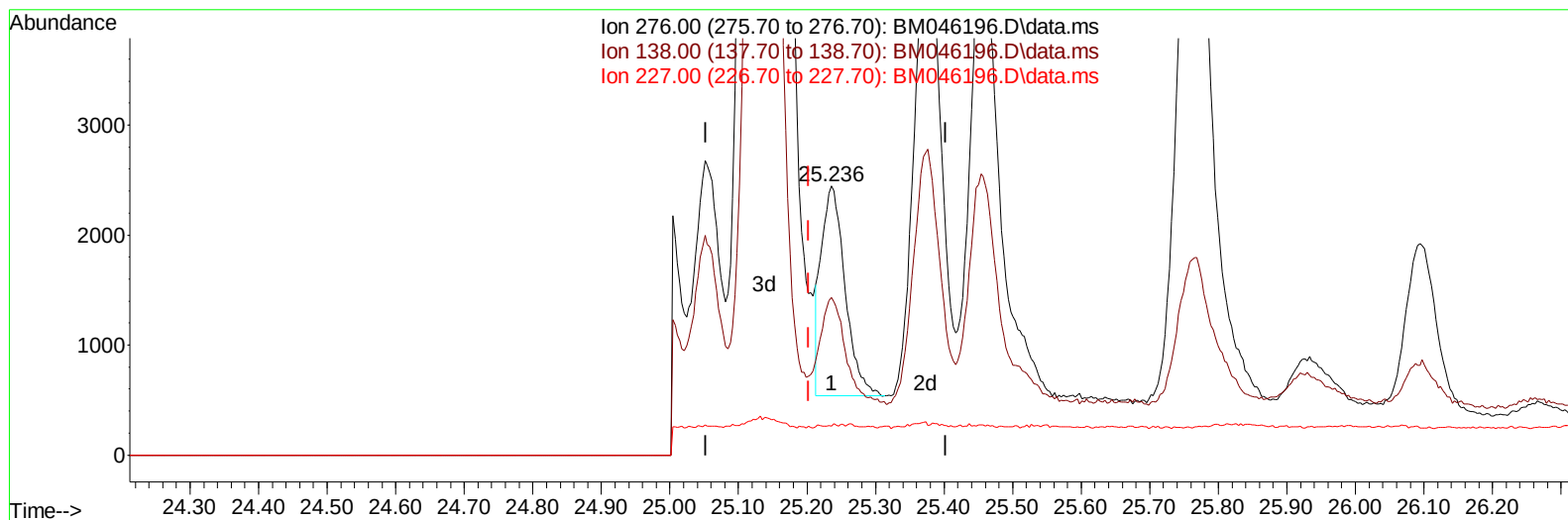
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration



TIC: BM046196.D\data.ms

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

25.236min (+ 0.033) 0.11 ng/u1

response 4622

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	55.99#
227.00	0.00	0.39#
0.00	0.00	0.00

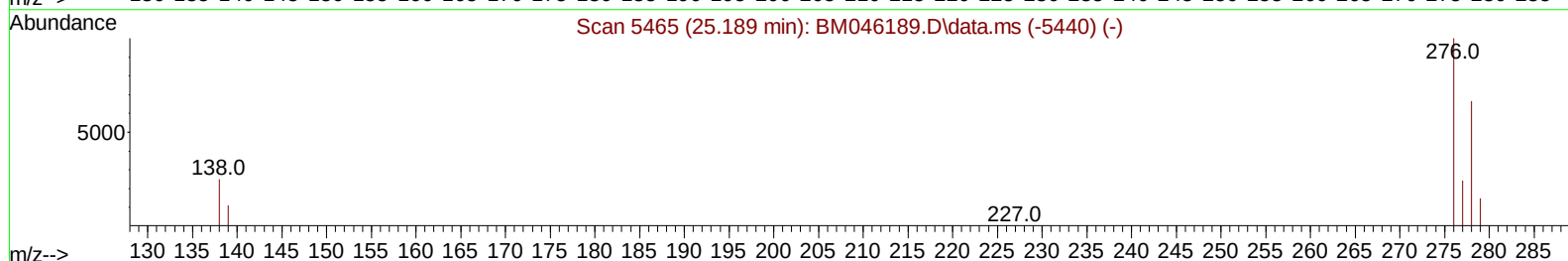
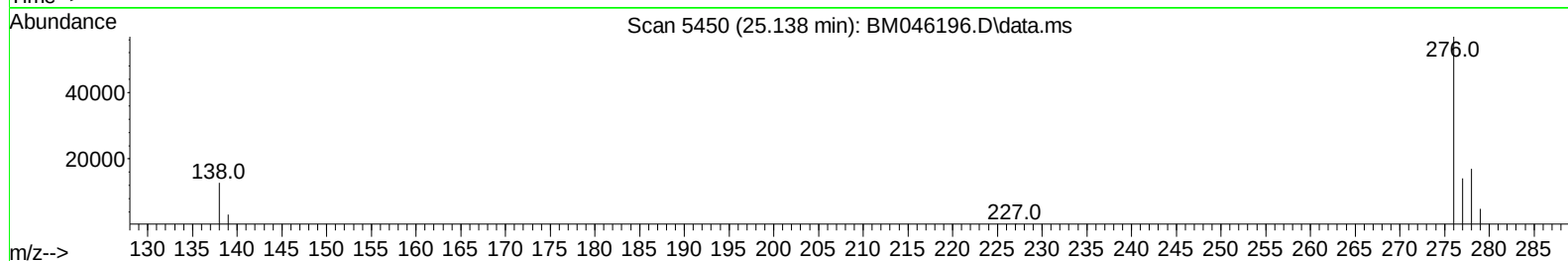
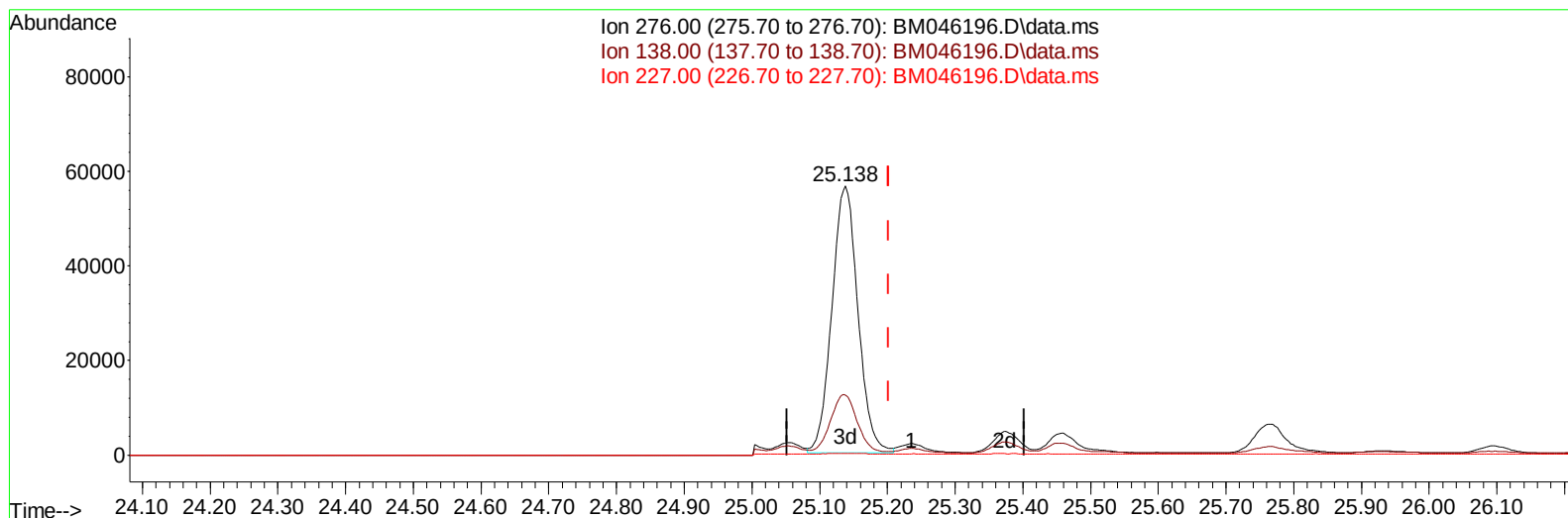
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

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TIC: BM046196.D\data.ms

(27) Indeno(1,2,3-cd)pyrene**25.138min (-0.064) 3.57 ng/ul m****response 150376**

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	1.72#
227.00	0.00	0.01#
0.00	0.00	0.00

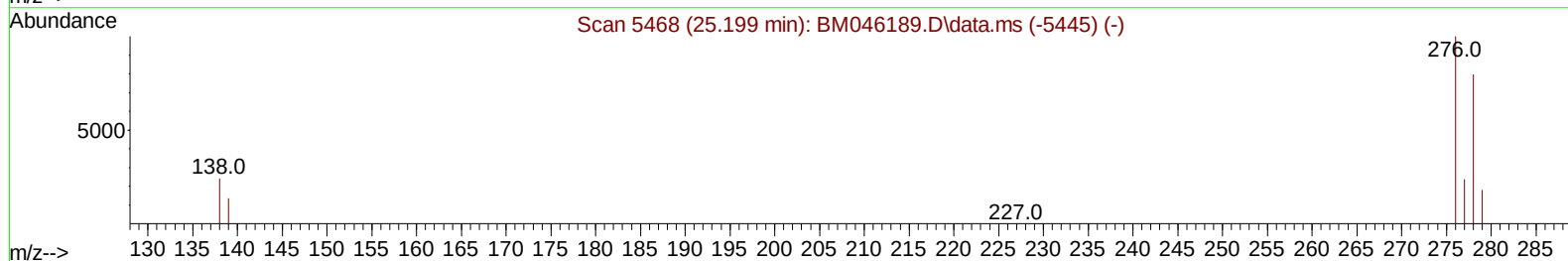
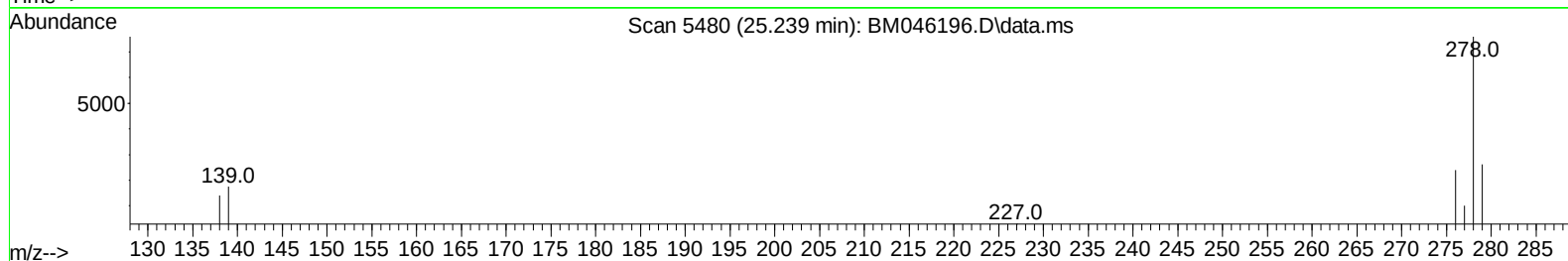
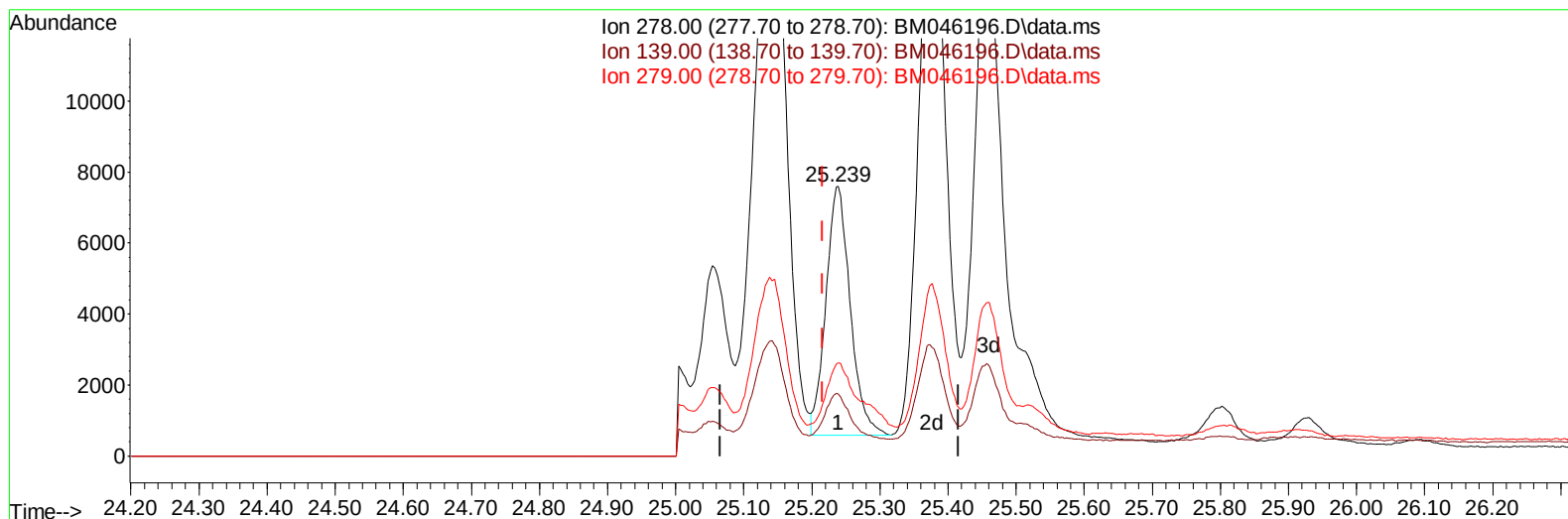
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

Quant Time: Jun 22 14:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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QLast Update : Sat Jun 22 02:10:56 2024
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Reviewed By :Yogesh Patel 06/24/2024
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TIC: BM046196.D\data.ms

(28) Dibenzo(a,h)anthracene

25.239min (+ 0.023) 0.55 ng/u1

response 17368

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	22.93
279.00	32.90	34.51
0.00	0.00	0.00

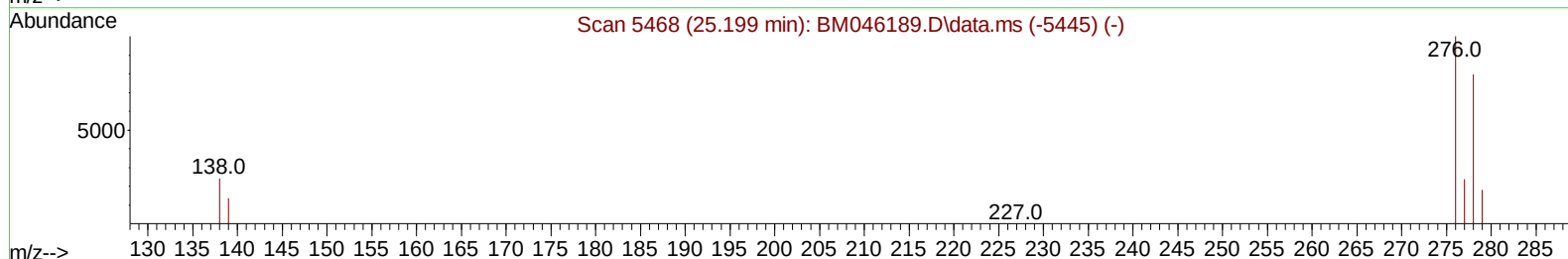
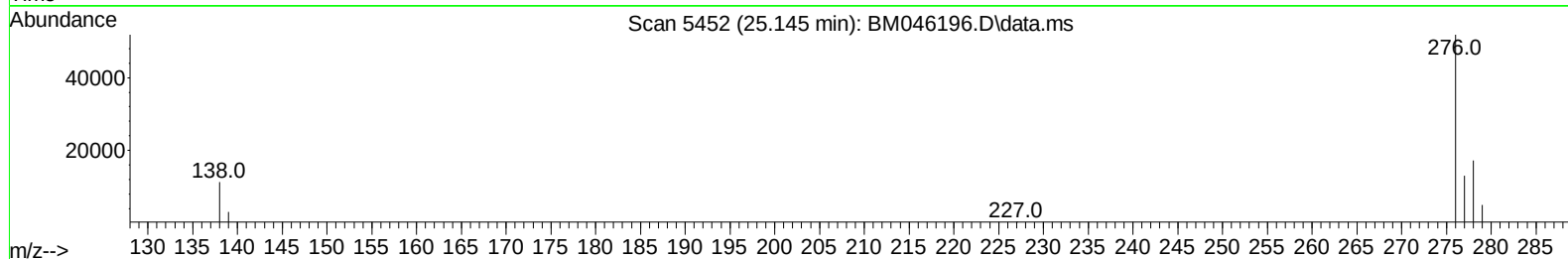
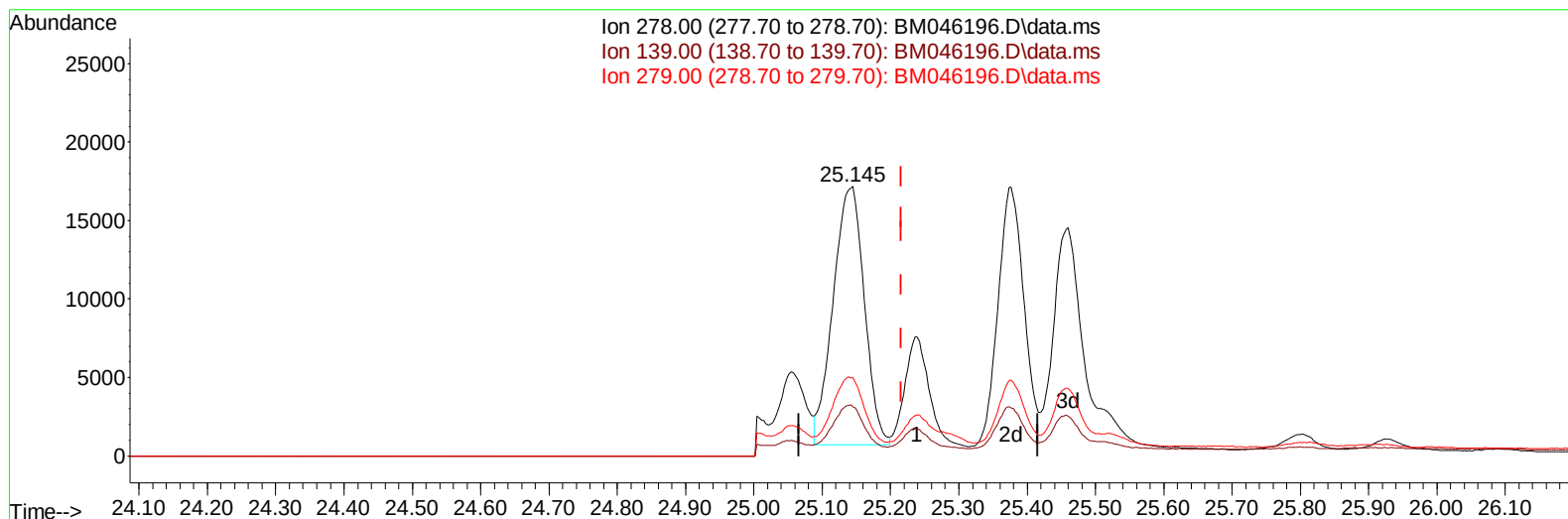
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

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TIC: BM046196.D\data.ms

(28) Dibenzo(a,h)anthracene

25.145min (-0.071) 1.66 ng/ul m

response 52031

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	18.18
279.00	32.90	29.02
0.00	0.00	0.00

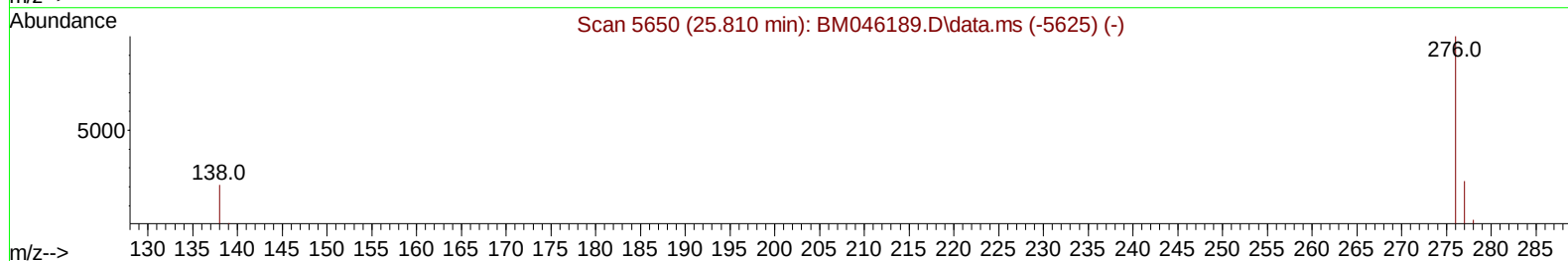
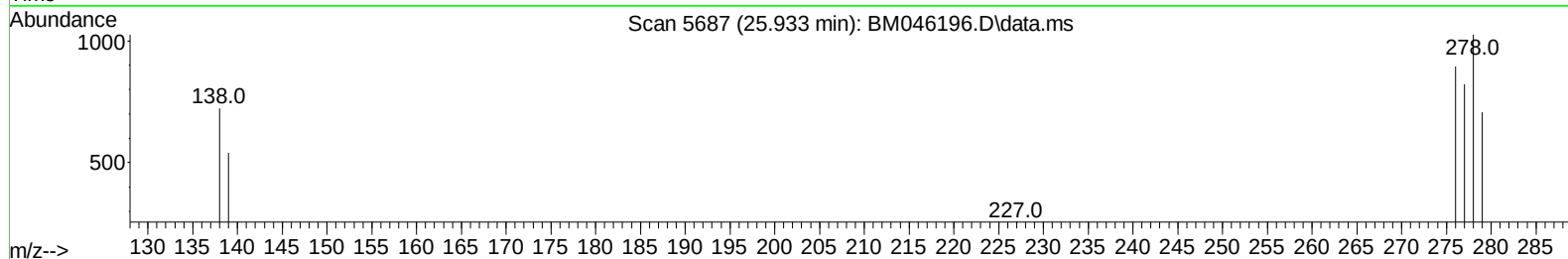
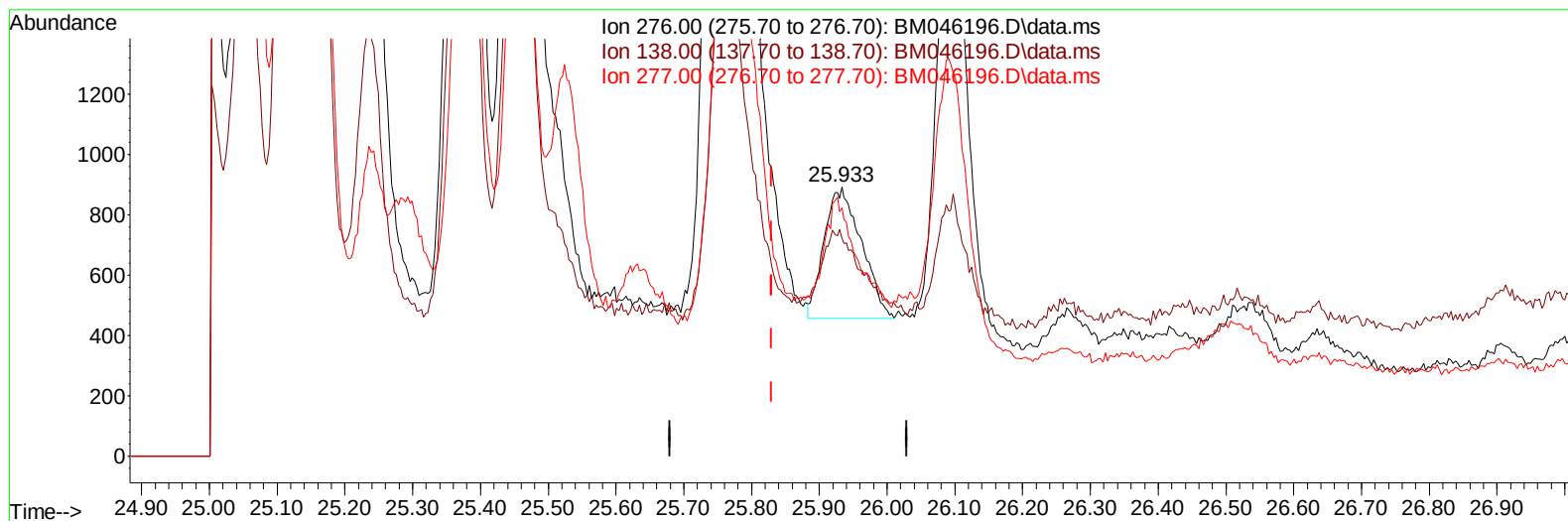
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

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TIC: BM046196.D\data.ms

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

25.933min (+ 0.104) 0.05 ng/u1

response 1673

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.10	80.87#
277.00	25.50	92.06#
0.00	0.00	0.00

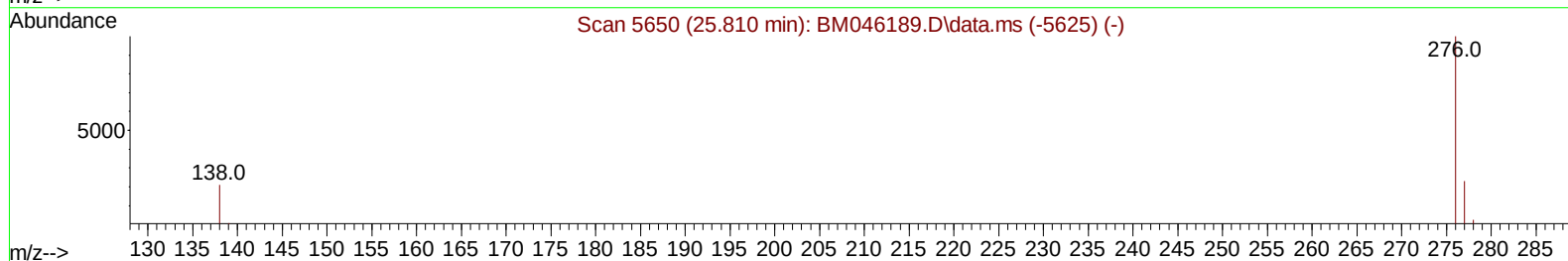
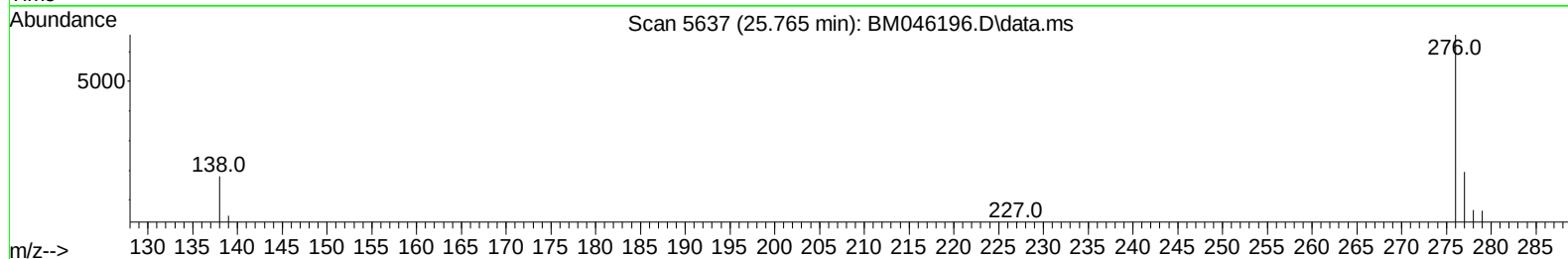
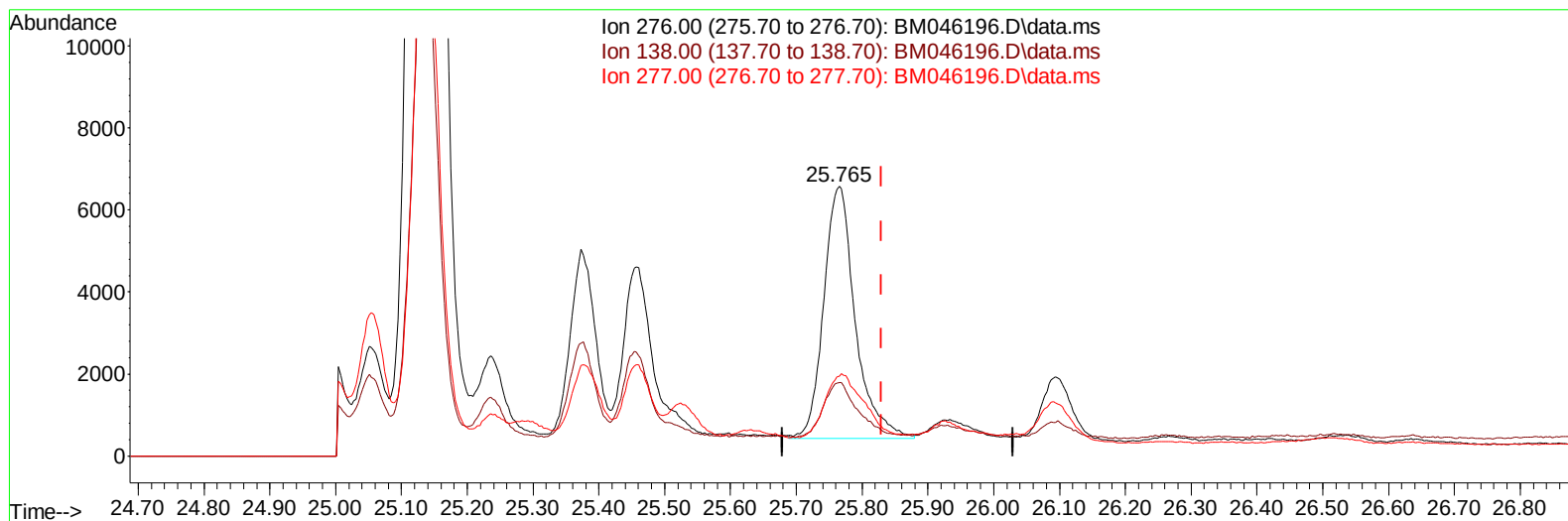
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
Operator : MA/JU
Sample : P2775-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D46

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046196.D\data.ms

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

25.765min (-0.064) 0.57 ng/ul m

response 20579

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.10	27.28
277.00	25.50	29.69
0.00	0.00	0.00

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 Acq On : 22 Jun 2024 14:01
 Operator : MA/JU
 Sample : P2775-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D46

Manual IntegrationsAPPROVED

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 QLast Update : Sat Jun 22 02:10:56 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2174	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.183	136	6581	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.058	164	3822	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.804	188	8962m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.003	240	6178m	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	7712m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	10281	3.447	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.805	152	2350	0.266	ng/ul	-0.06
18) Fluoranthene-d10	18.835	212	5715m	0.309	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.233	128	8722	0.475	ng/ul	97
7) 2-Methylnaphthalene	11.877	142	3914	0.379	ng/ul	95
8) 1-Methylnaphthalene	12.091	142	4041	0.357	ng/ul	97
10) Acenaphthylene	13.776	152	5858	0.323	ng/ul	96
11) Acenaphthene	14.123	153	33458	2.557	ng/ul	97
12) Fluorene	15.117	166	32614	2.322	ng/ul	98
15) Phenanthrene	16.842	178	577389m	22.931	ng/ul	
16) Anthracene	16.934	178	116622m	6.219	ng/ul	
19) Fluoranthene	18.867	202	870171m	32.530	ng/ul	
20) Pyrene	19.230	202	613879m	21.221	ng/ul	
21) Benzo(a)anthracene	20.985	228	361921m	15.166	ng/ul	
22) Chrysene	21.041	228	337967m	11.098	ng/ul	
24) Benzo(b)fluoranthene	22.478	252	428860m	15.435	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	162751m	4.927	ng/ul	
26) Benzo(a)pyrene	23.004	252	180605m	7.015	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.138	276	150376m	3.569	ng/ul	
28) Dibenzo(a,h)anthracene	25.145	278	52031m	1.659	ng/ul	
29) Benzo(g,h,i)perylene	25.765	276	20579m	0.570	ng/ul	

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

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Misc :
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Instrument :
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