

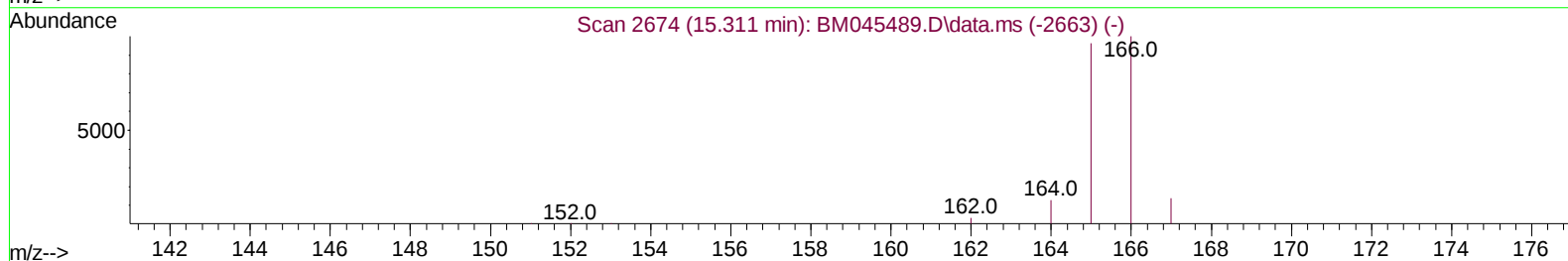
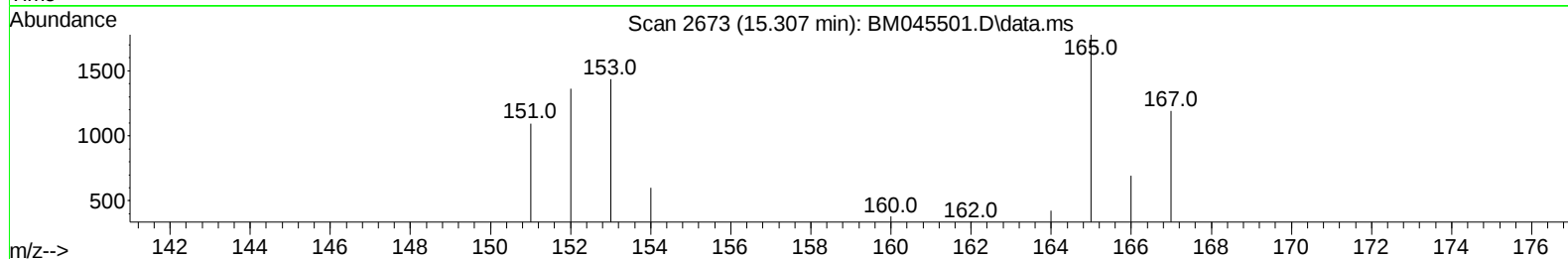
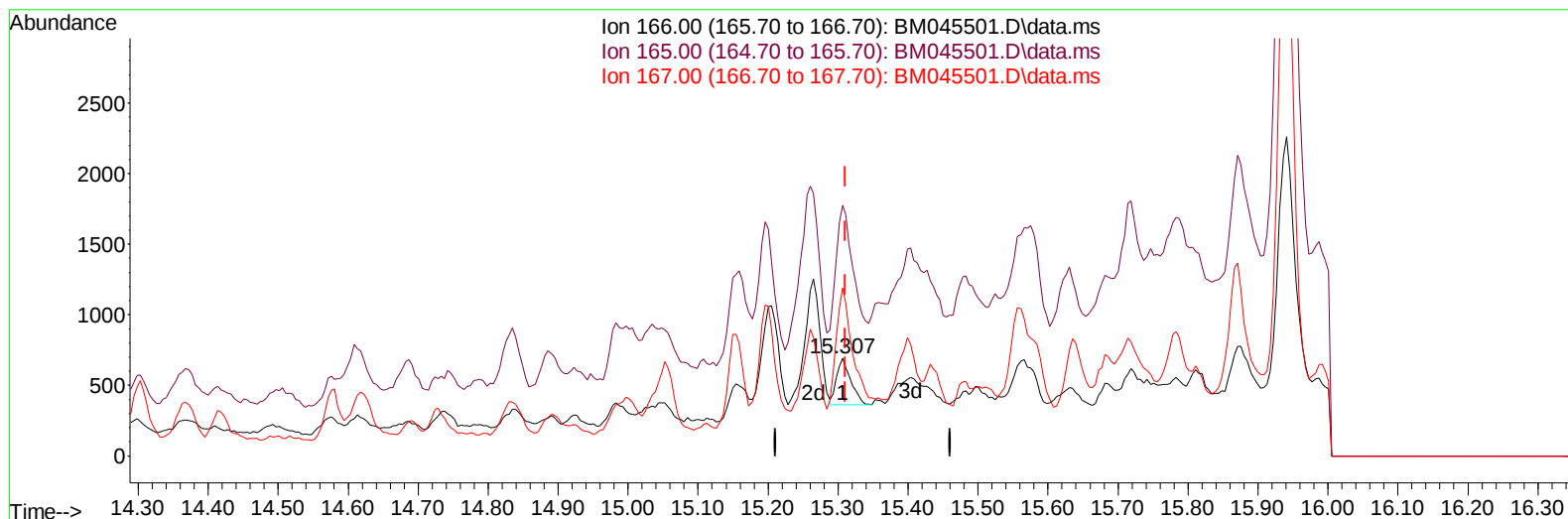
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045501.D
 Acq On : 23 Apr 2024 04:29
 Operator : MA/JU
 Sample : P2037-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(12) Fluorene

15.307min (-0.004) 0.04 ng/u1

response 460

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	102.70	256.79#
167.00	18.50	172.25#
0.00	0.00	0.00

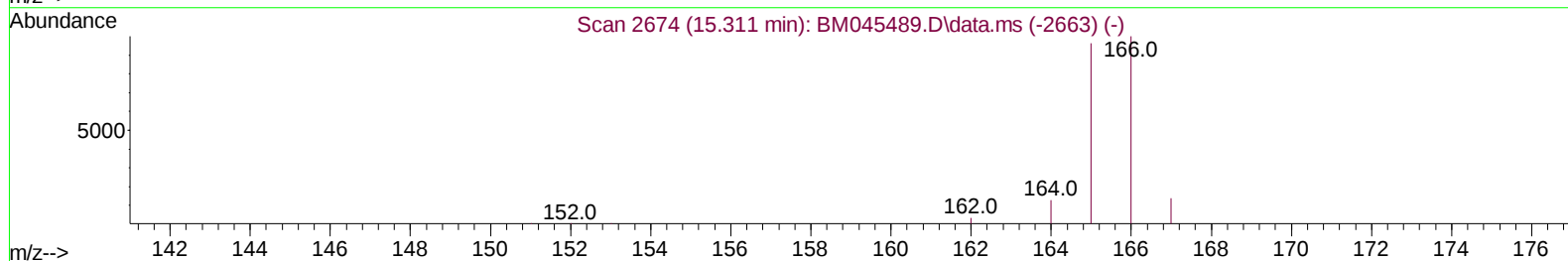
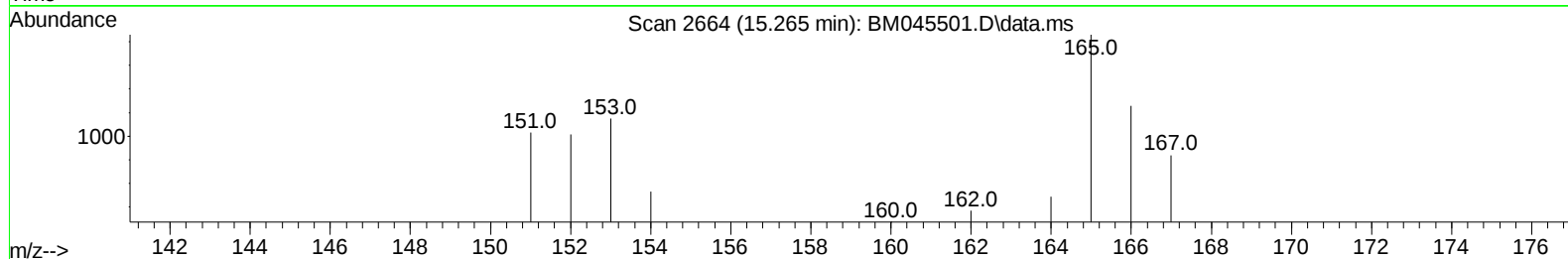
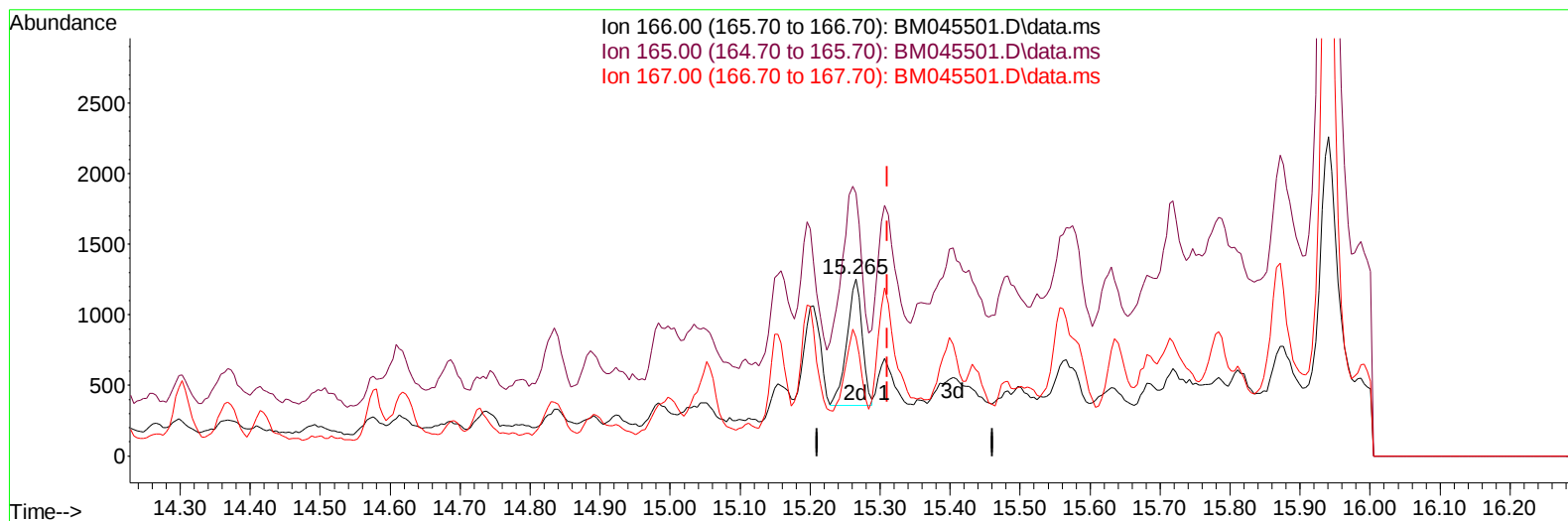
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(12) Fluorene

15.265min (-0.046) 0.11 ng/ul m

response 1342

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	102.70	148.29#
167.00	18.50	66.77#
0.00	0.00	0.00

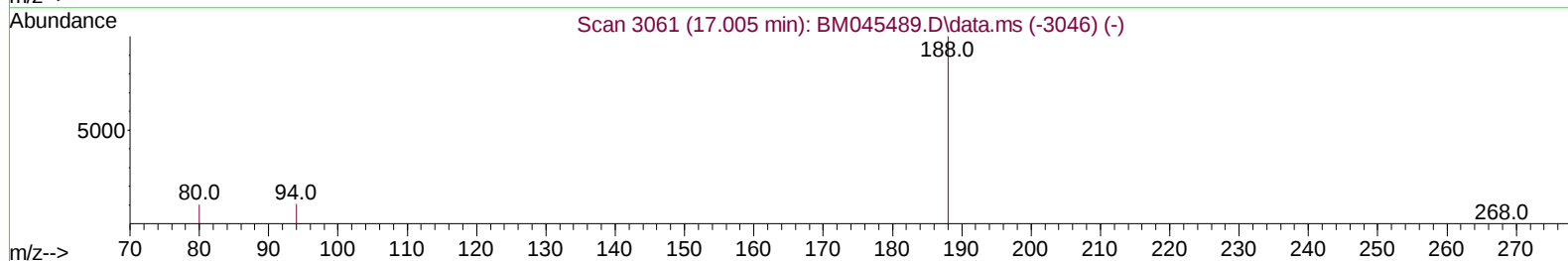
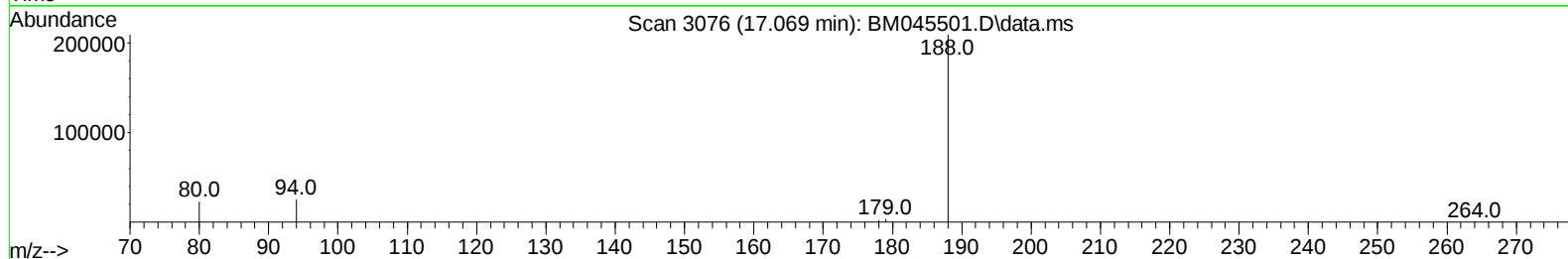
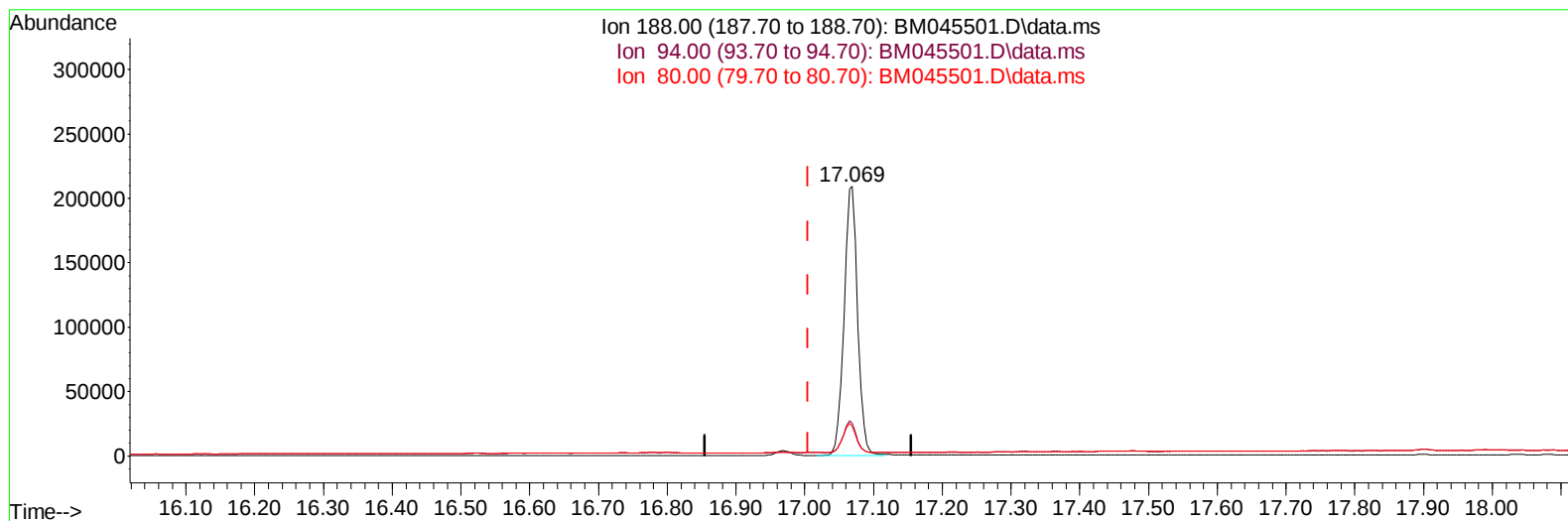
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
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TIC: BM045501.D\data.ms

(13) Phenanthrene-d10 (I)

17.069min (+ 0.064) 0.40 ng/u1

response 285353

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	12.15
80.00	14.80	10.99#
0.00	0.00	0.00

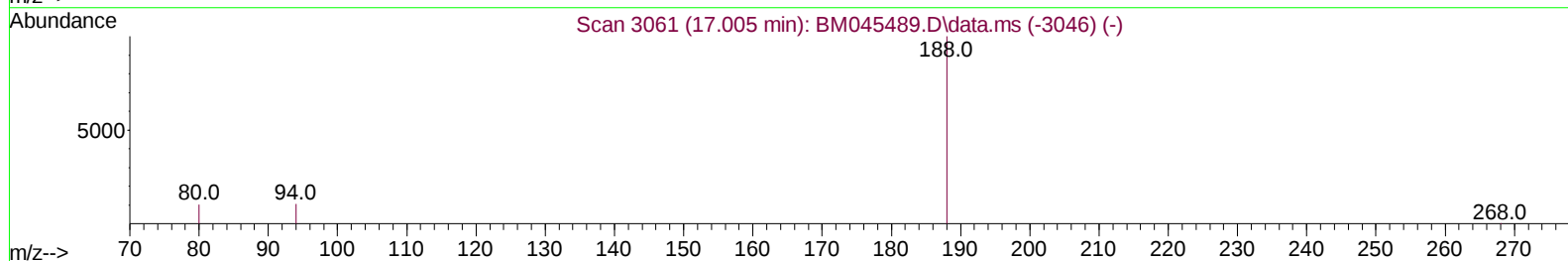
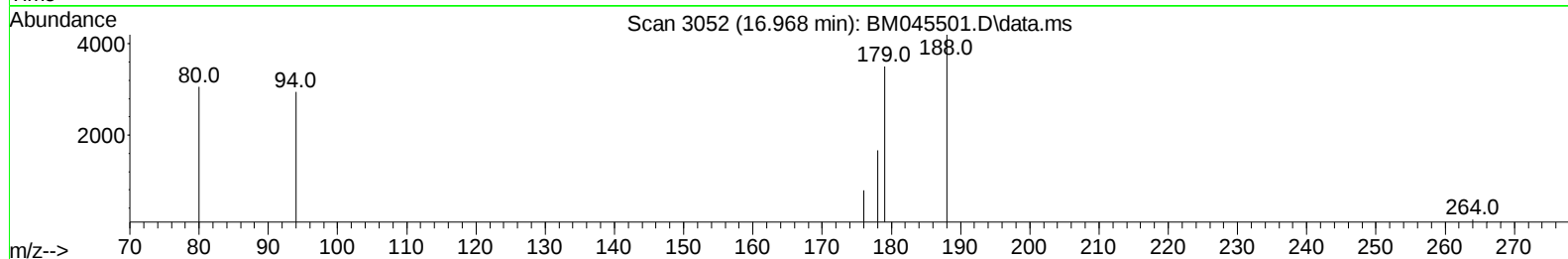
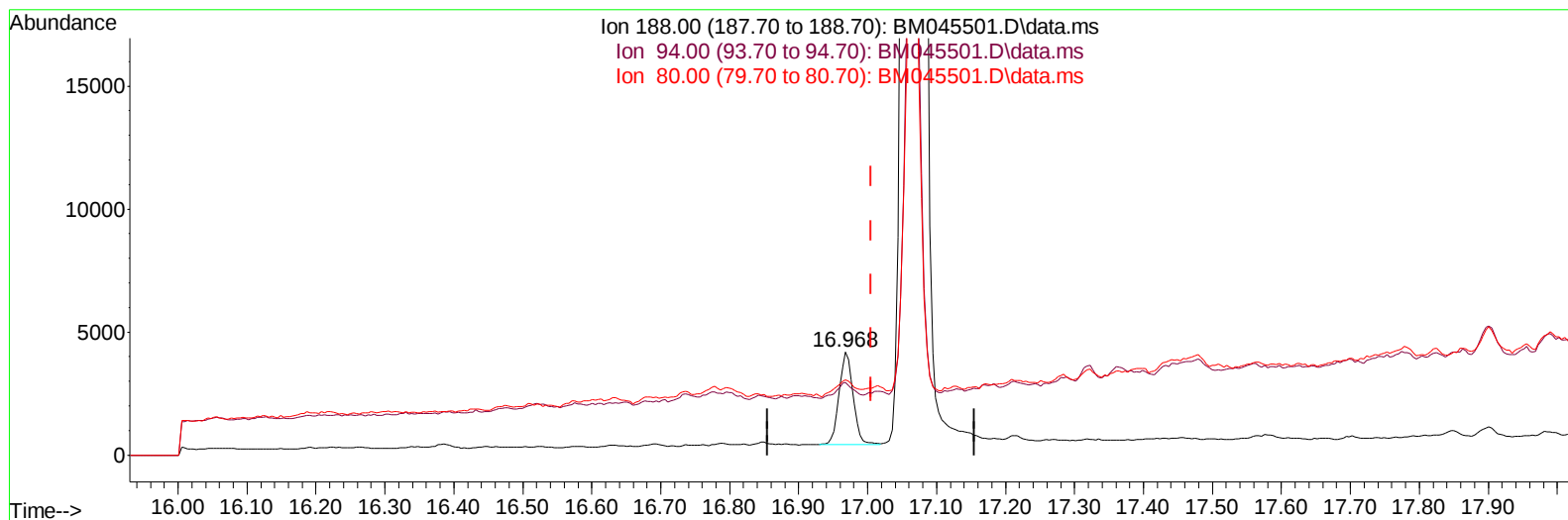
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
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QLast Update : Tue Apr 23 02:57:45 2024
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Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(13) Phenanthrene-d10 (I)

16.968min (-0.037) 0.40 ng/u1 m

response 5318

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	70.14#
80.00	14.80	72.79#
0.00	0.00	0.00

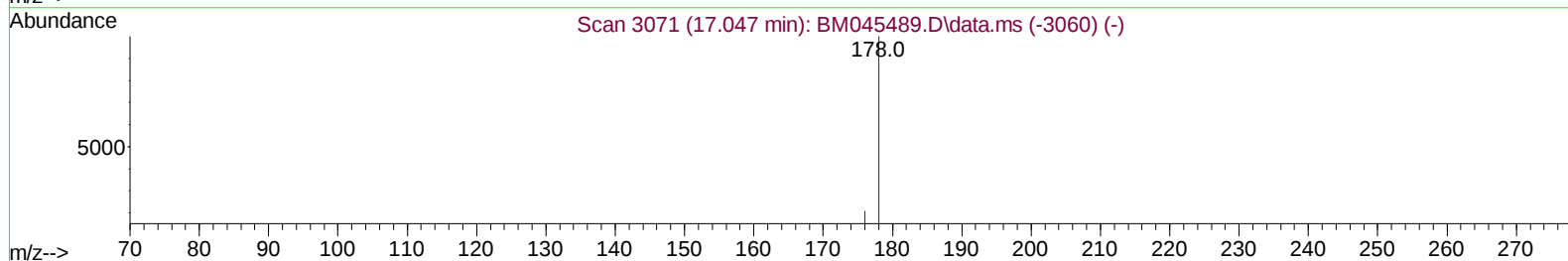
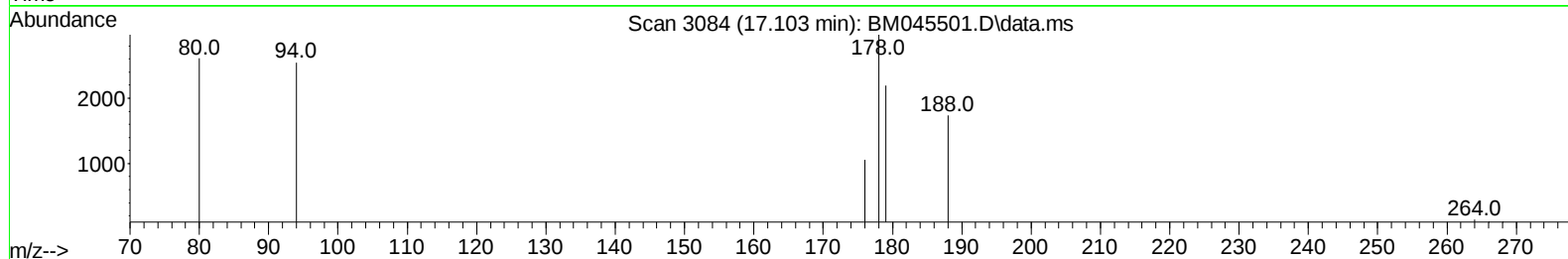
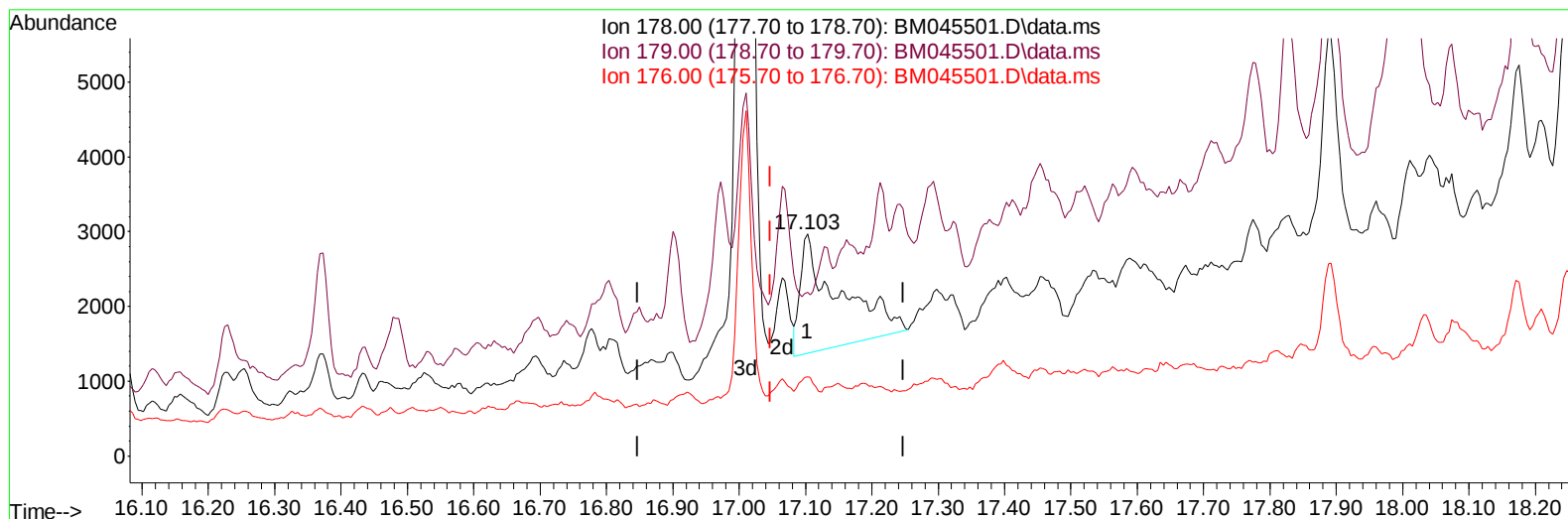
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
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Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(15) Phenanthrene

17.103min (+ 0.056) 0.41 ng/u1

response 6411

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	73.78#
176.00	23.70	35.61#
0.00	0.00	0.00

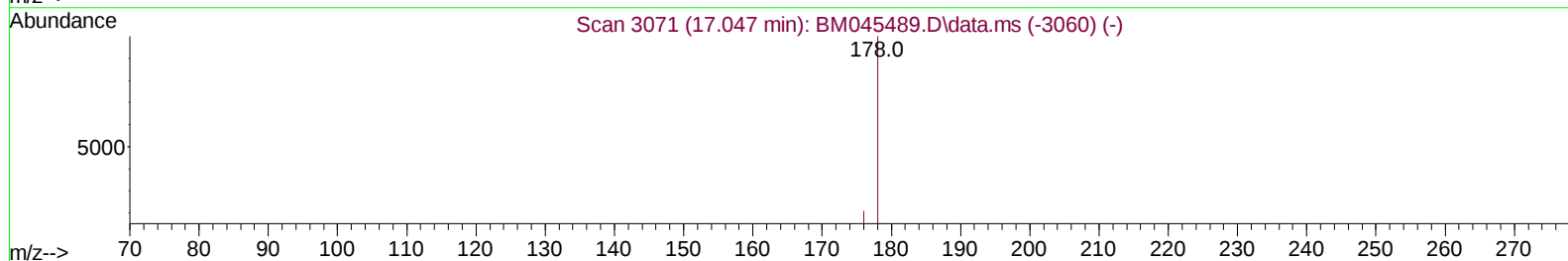
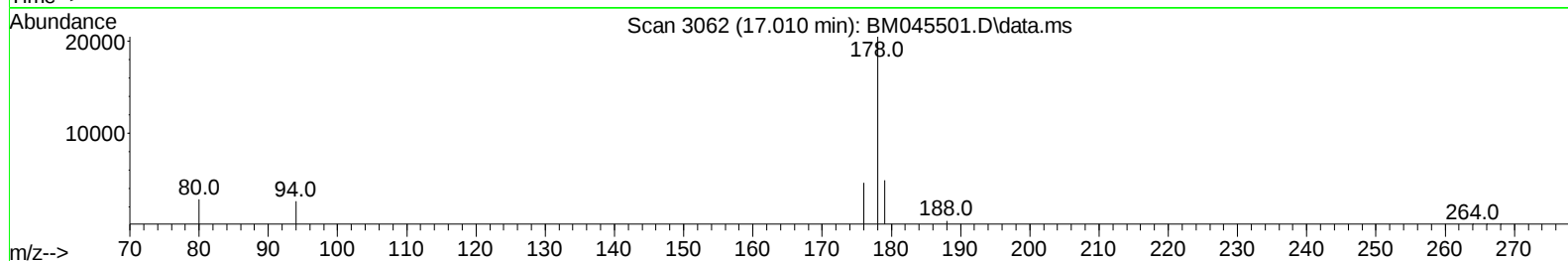
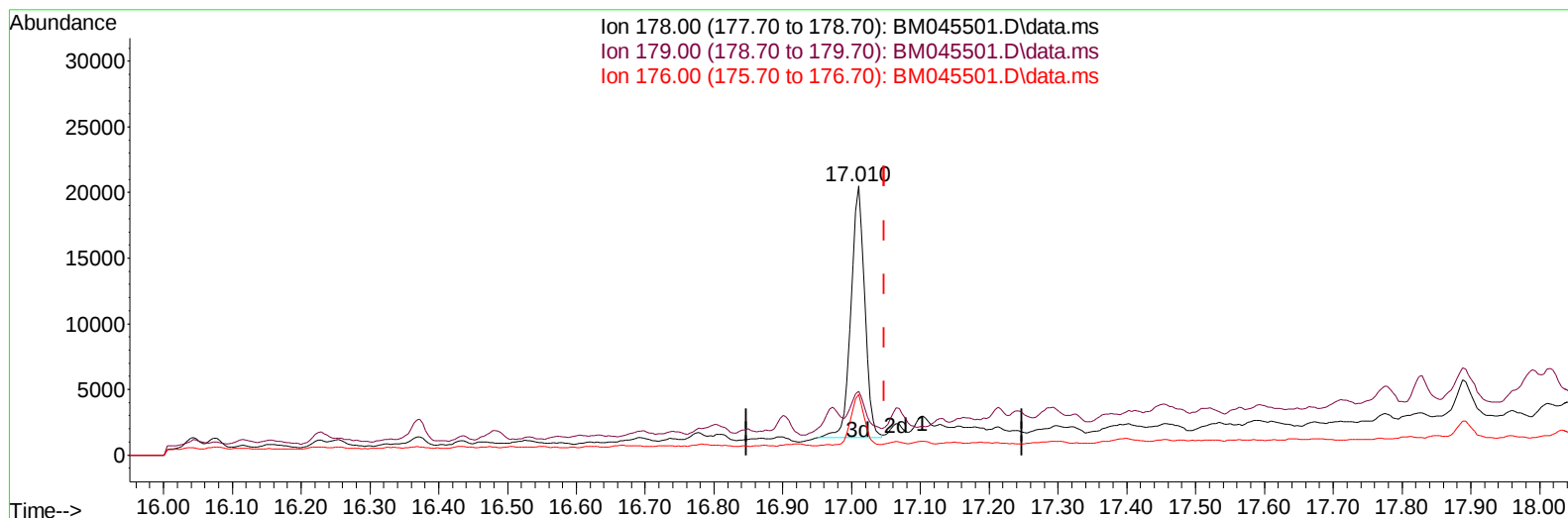
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045501.D
 Acq On : 23 Apr 2024 04:29
 Operator : MA/JU
 Sample : P2037-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
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Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(15) Phenanthrene

17.010min (-0.037) 1.72 ng/ul m

response 26690

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	23.70#
176.00	23.70	22.53
0.00	0.00	0.00

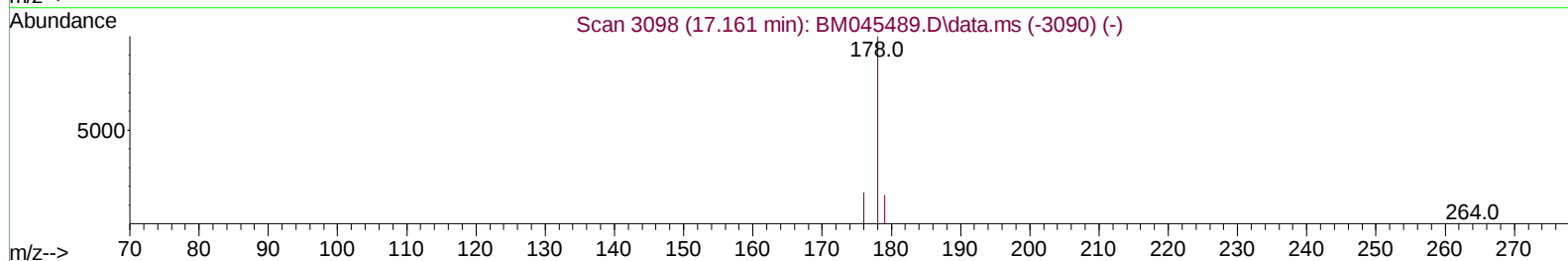
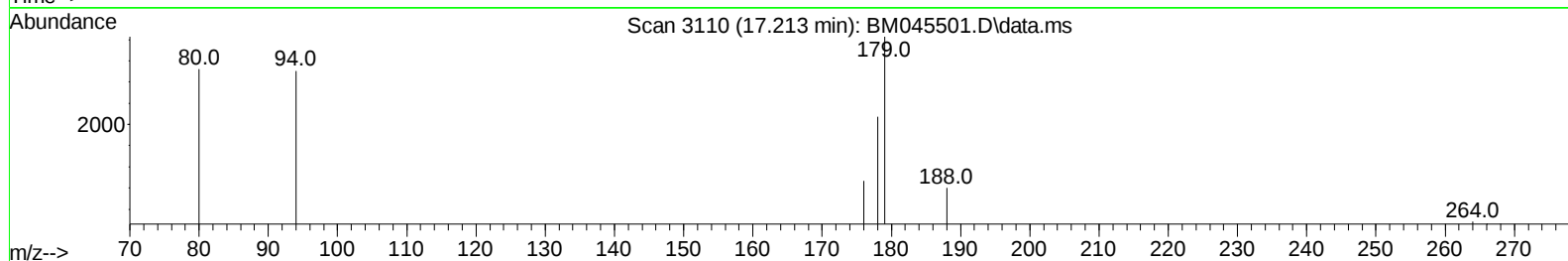
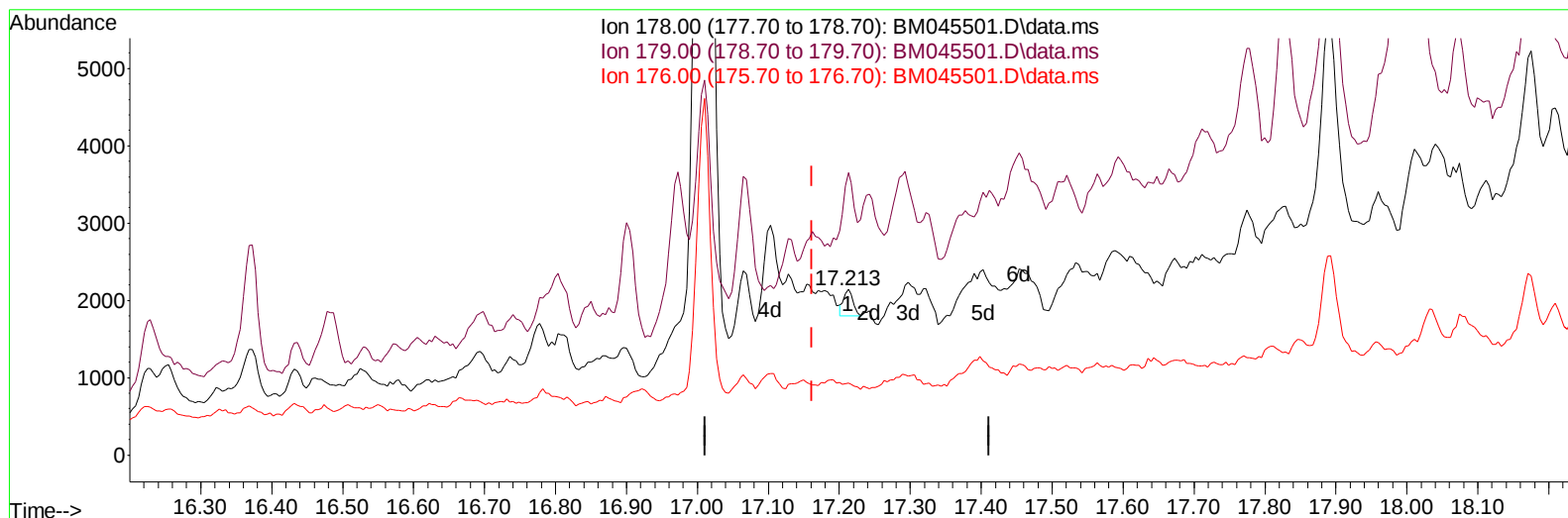
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045501.D
 Acq On : 23 Apr 2024 04:29
 Operator : MA/JU
 Sample : P2037-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
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 Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(16) Anthracene

17.213min (+ 0.051) 0.02 ng/u1

response 312

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	170.67#
176.00	23.40	43.34#
0.00	0.00	0.00

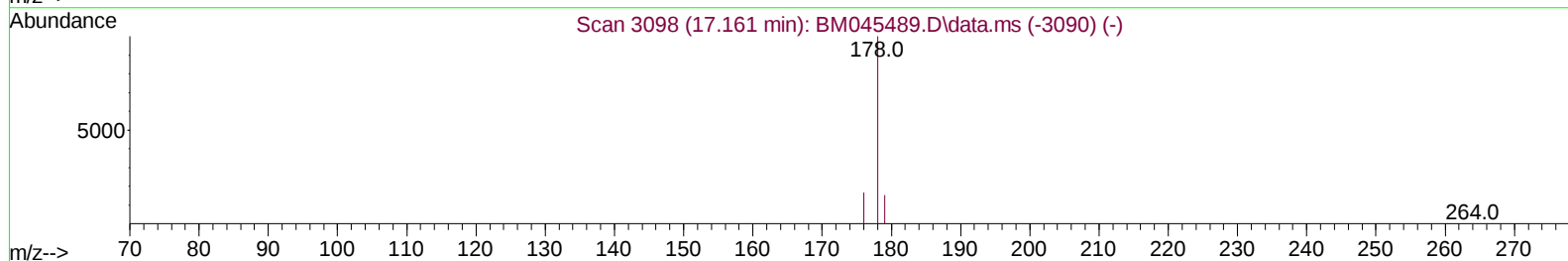
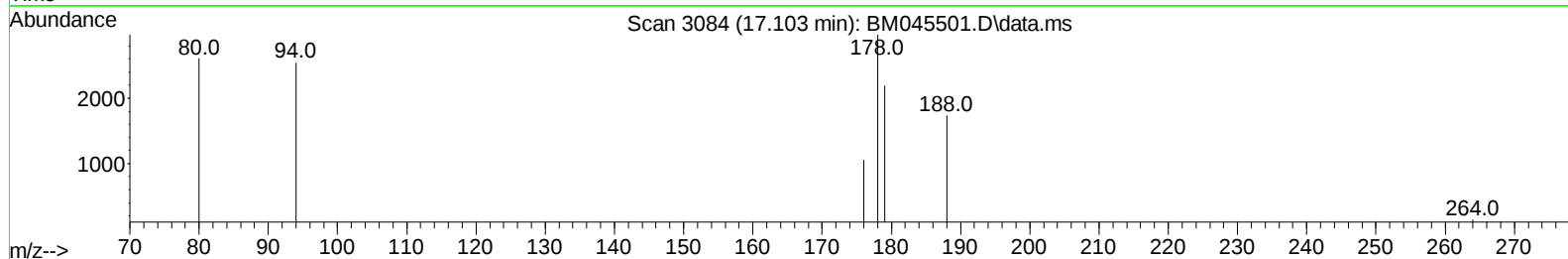
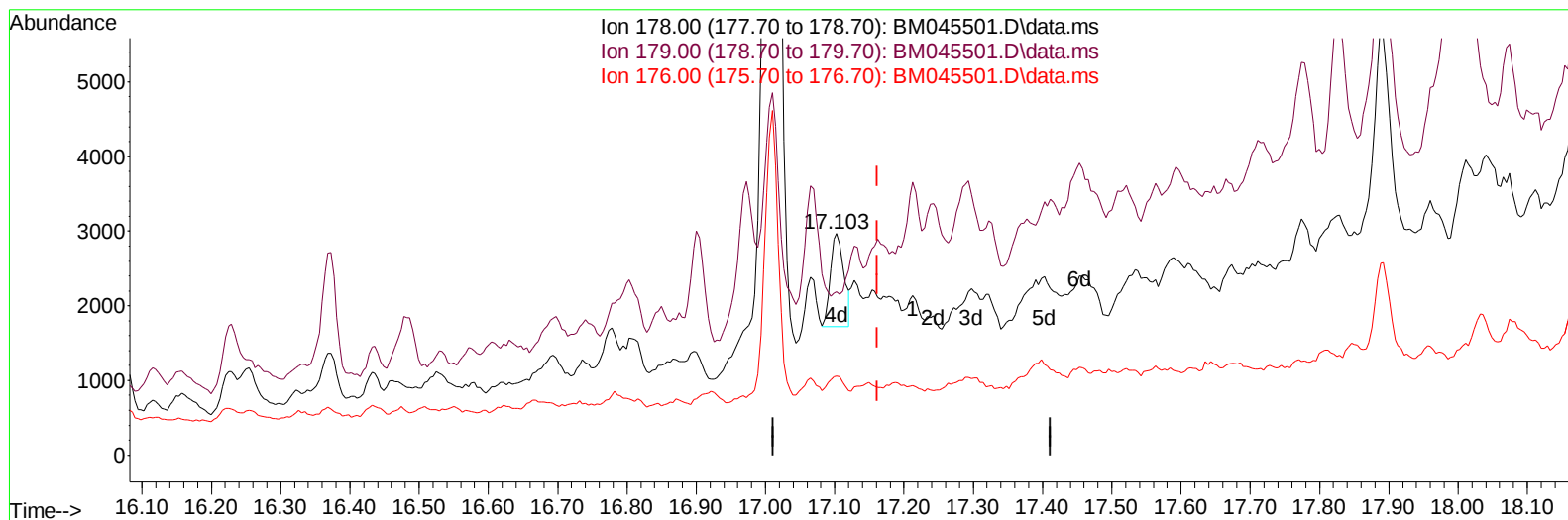
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045501.D
 Acq On : 23 Apr 2024 04:29
 Operator : MA/JU
 Sample : P2037-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(16) Anthracene

17.103min (-0.058) 0.12 ng/ul m

response 1703

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	73.78#
176.00	23.40	35.61#
0.00	0.00	0.00

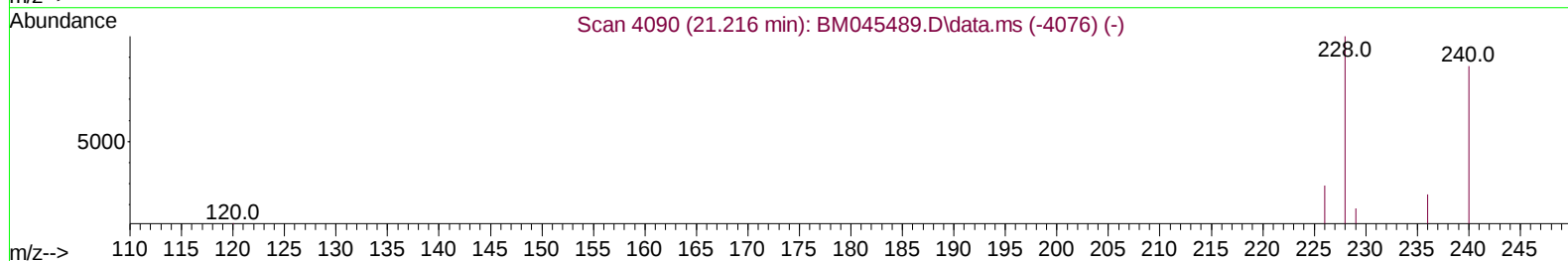
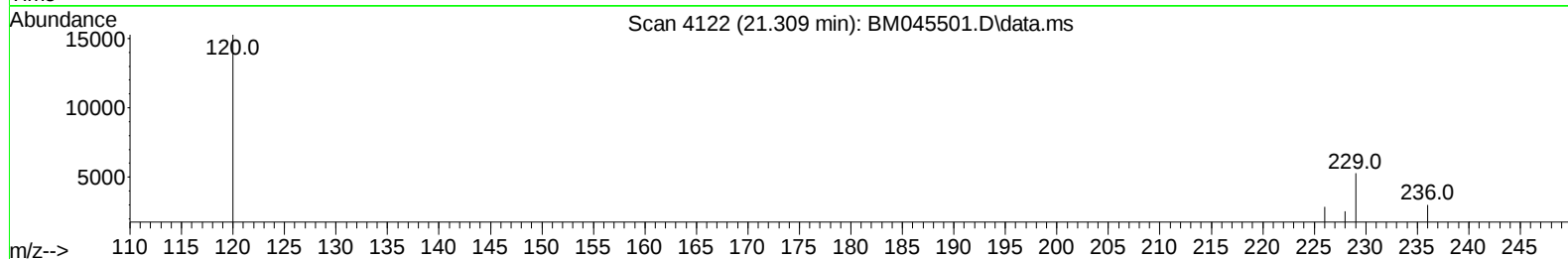
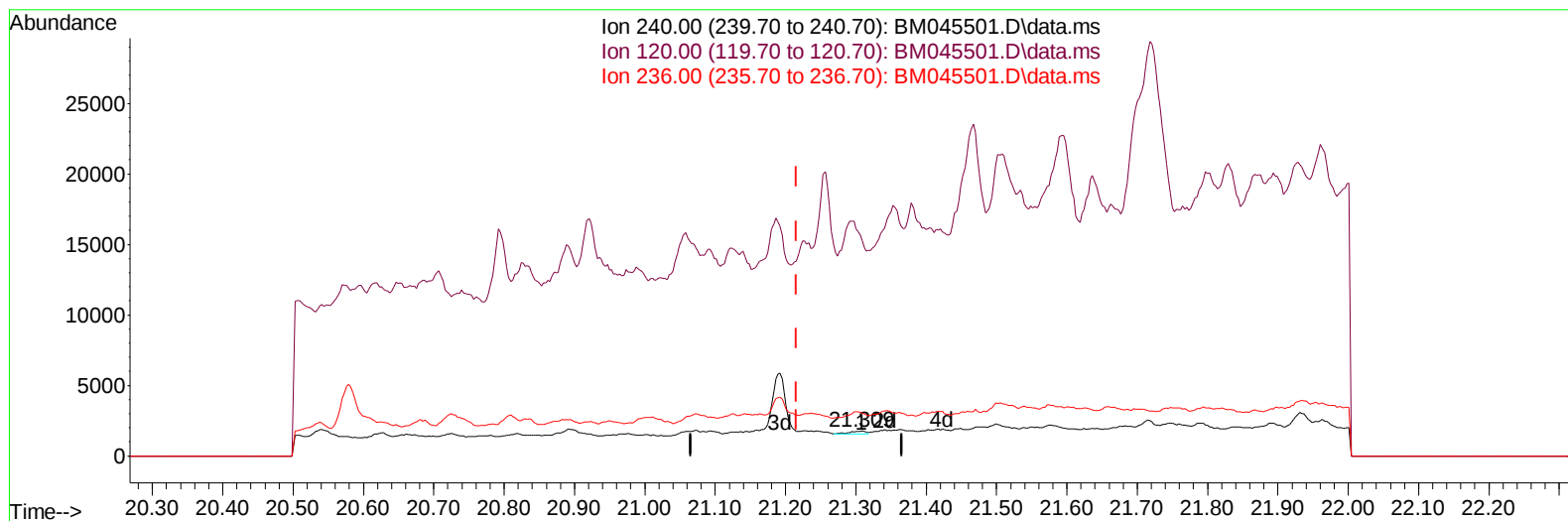
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
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QLast Update : Tue Apr 23 02:57:45 2024
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Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(17) Chrysene-d12

21.309min (+ 0.093) 0.40 ng/u1

response 395

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.40	866.52#
236.00	35.90	170.60#
0.00	0.00	0.00

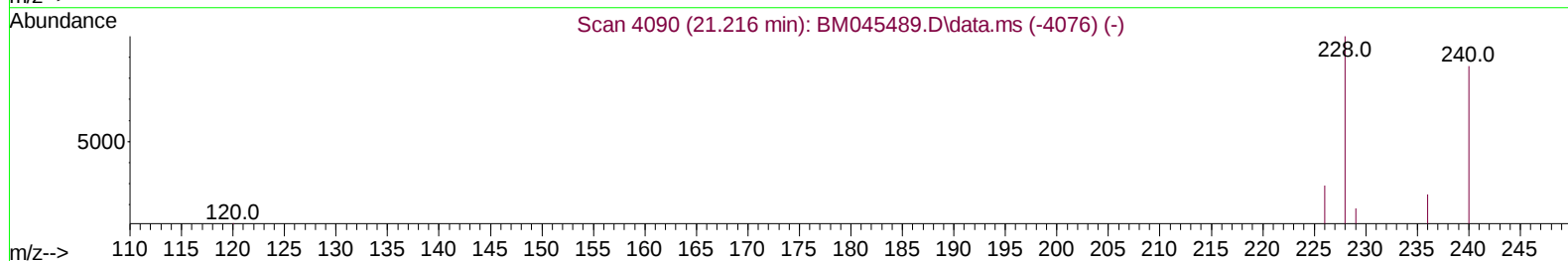
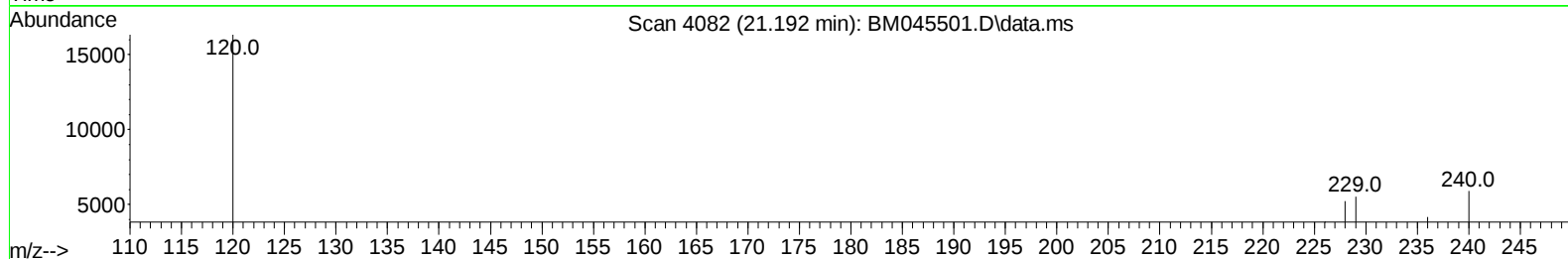
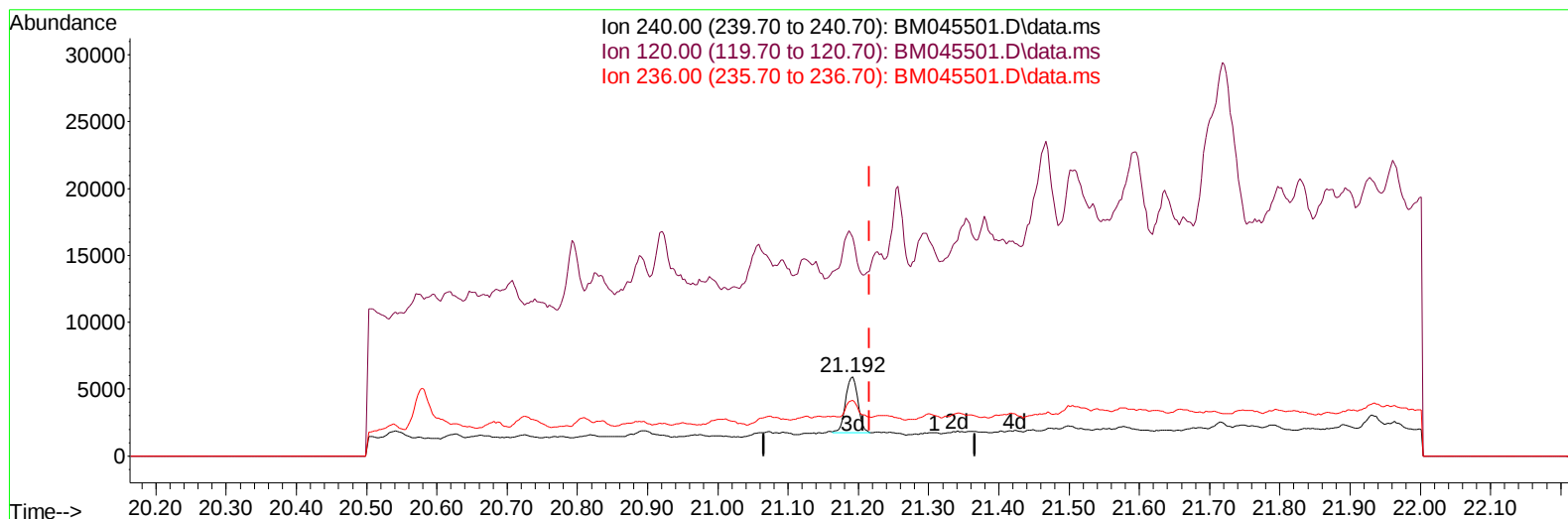
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(17) Chrysene-d12

21.192min (-0.024) 0.40 ng/ul m

response 5106

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.40	276.78#
236.00	35.90	70.39#
0.00	0.00	0.00

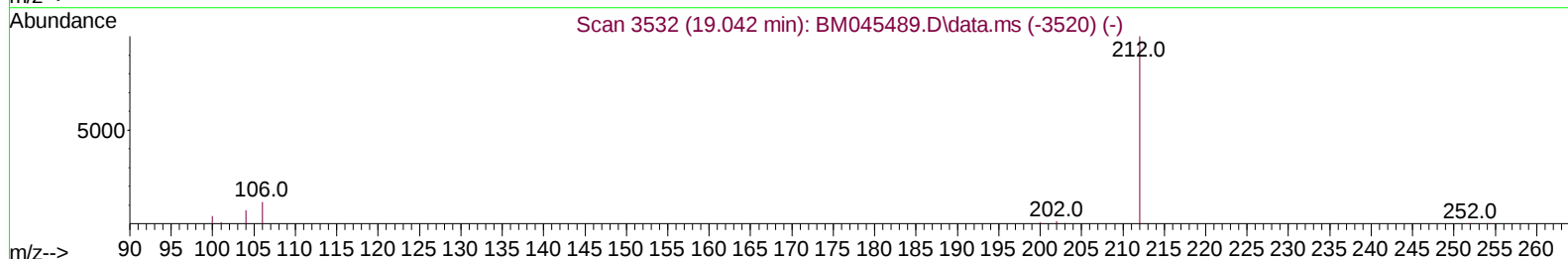
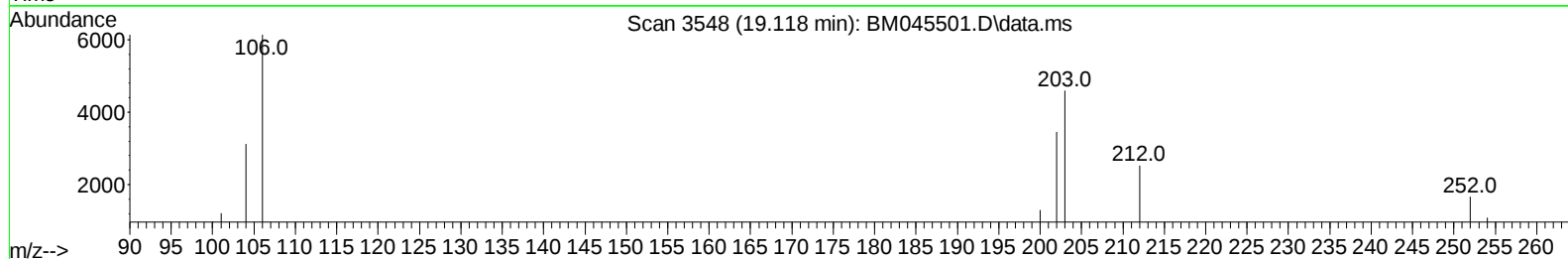
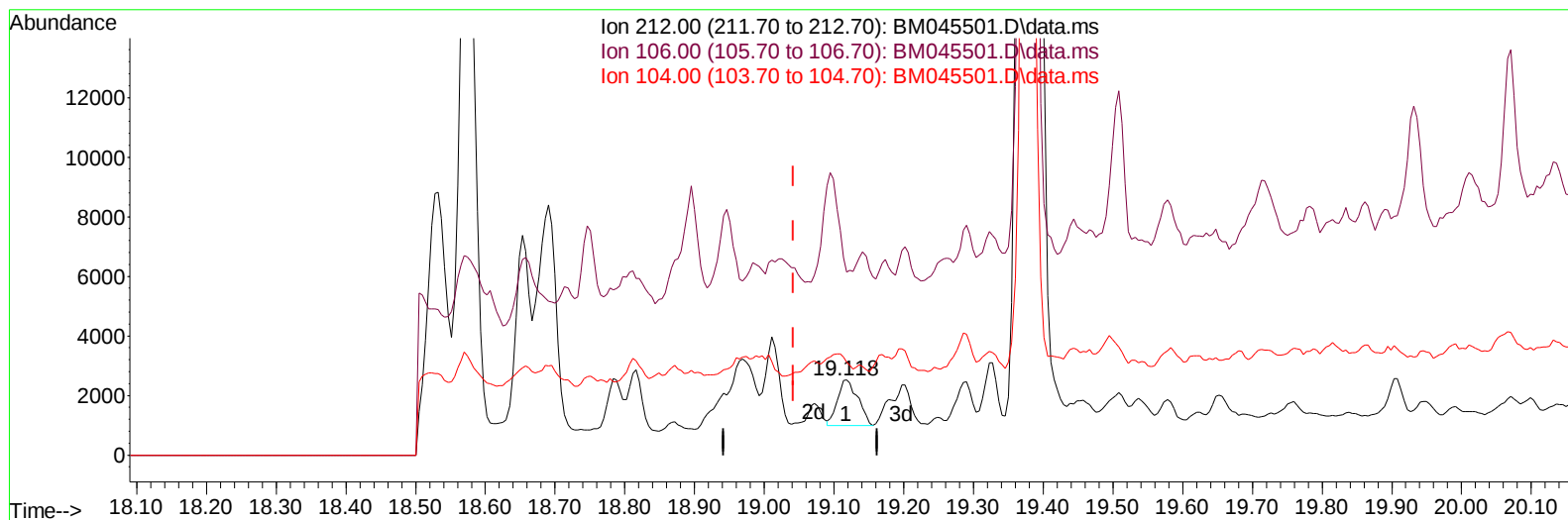
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
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TIC: BM045501.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.118min (+ 0.076) 0.20 ng/u1

response 3139

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	12.70	0.00#
104.00	8.70	0.00#
0.00	0.00	0.00

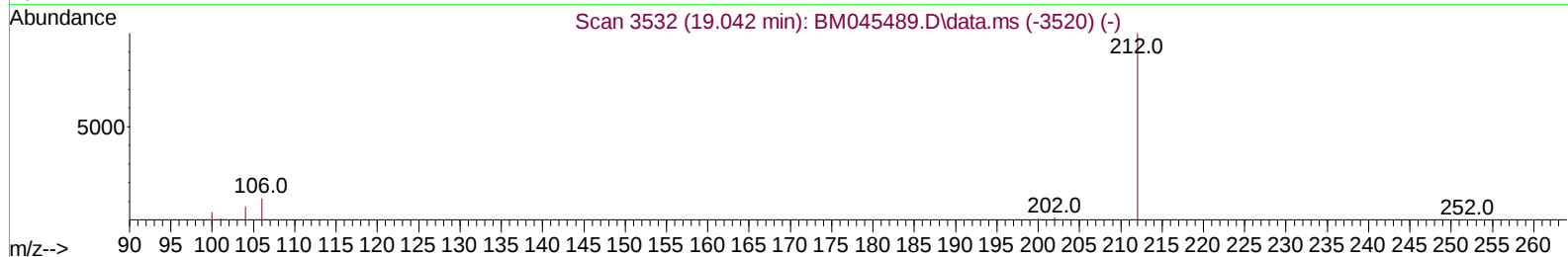
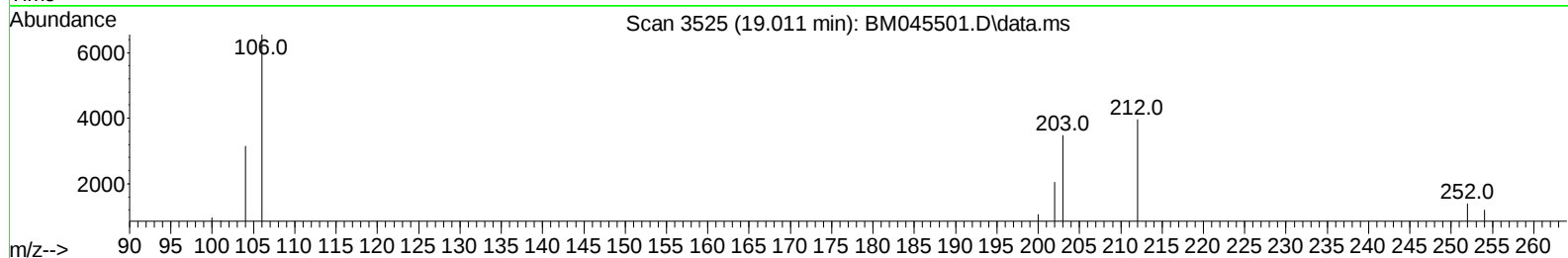
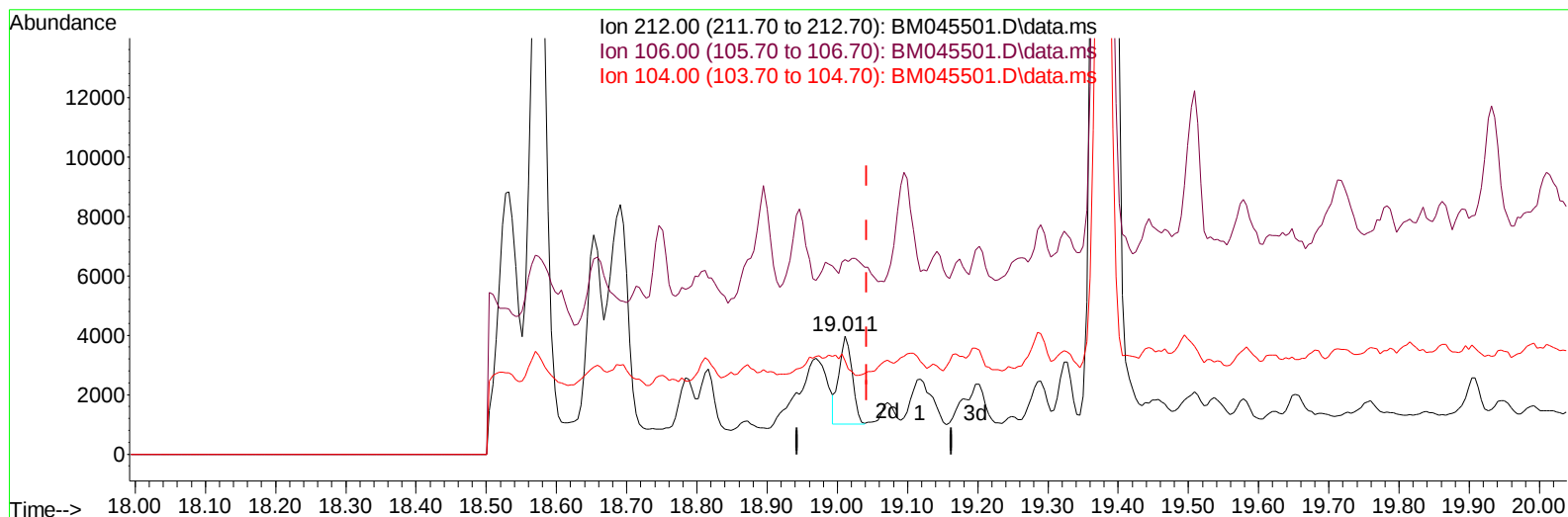
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
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QLast Update : Tue Apr 23 02:57:45 2024
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Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.011min (-0.031) 0.24 ng/ul m

response 3828

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	12.70	0.00#
104.00	8.70	0.00#
0.00	0.00	0.00

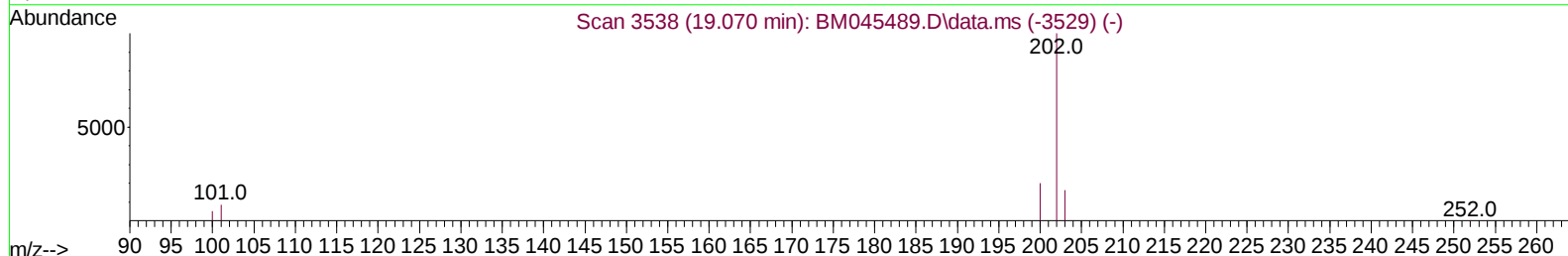
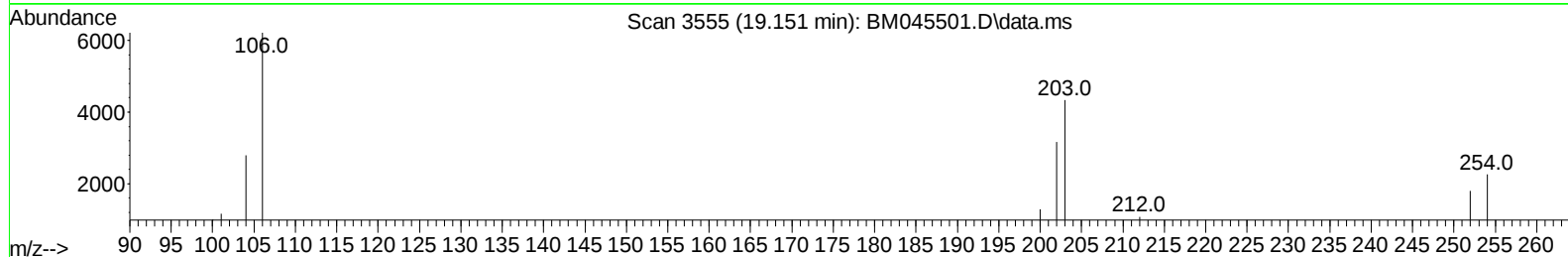
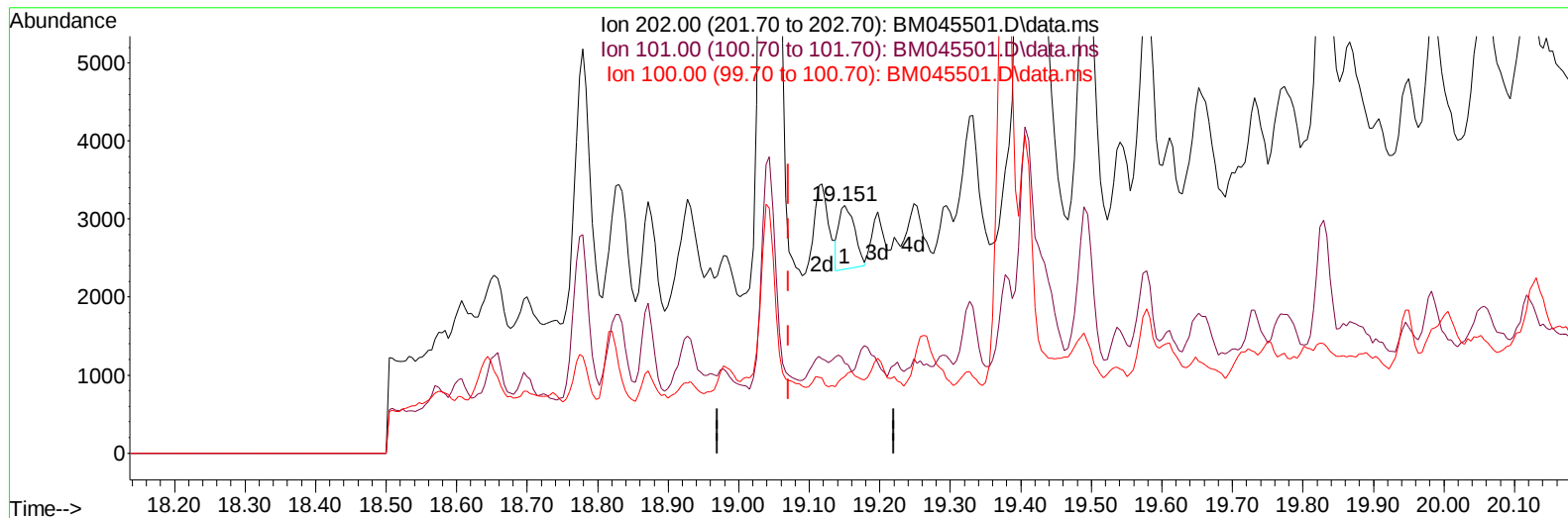
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
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Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(19) Fluoranthene (C)

19.151min (+ 0.080) 0.05 ng/u1

response 1261

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.00	36.33#
100.00	11.40	30.97#
0.00	0.00	0.00

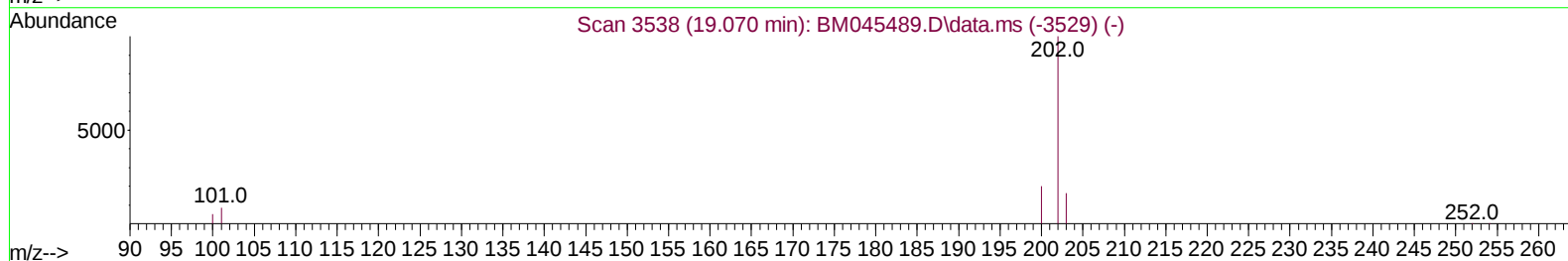
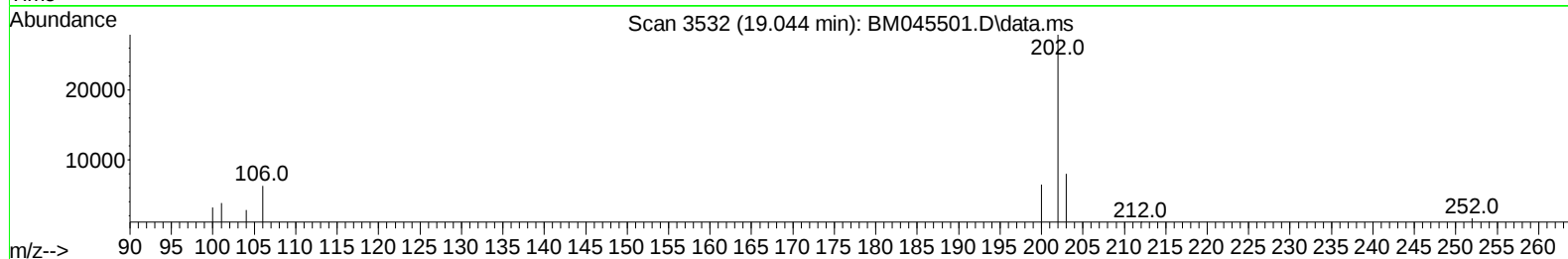
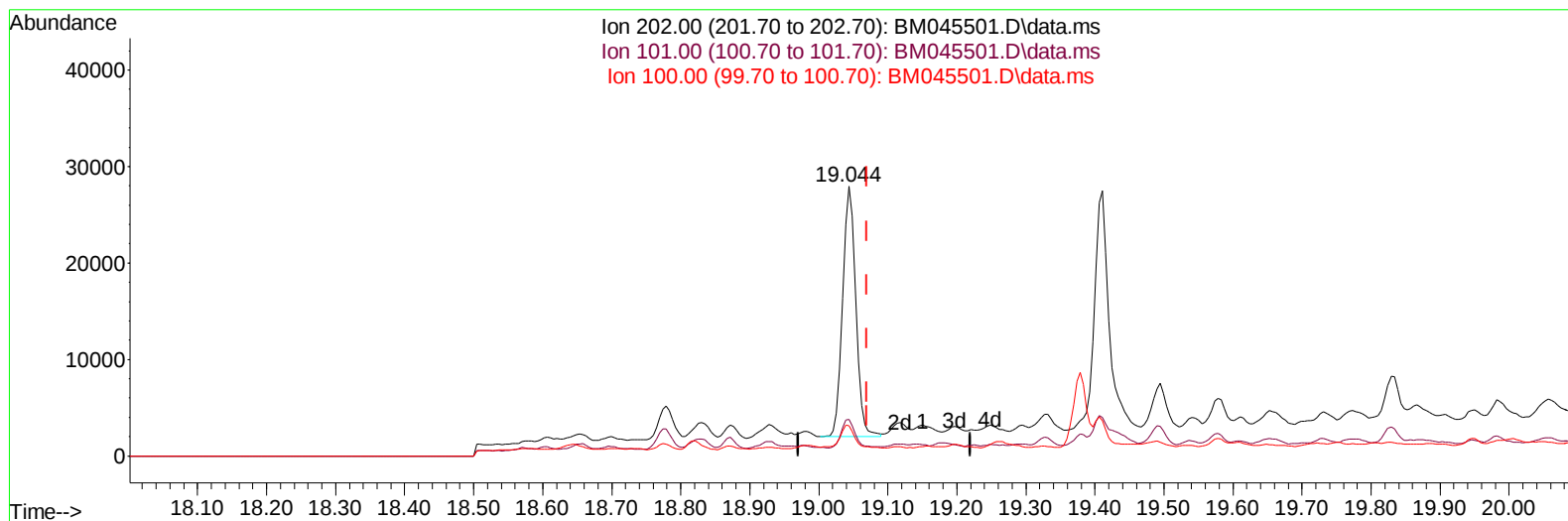
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(19) Fluoranthene (C)

19.044min (-0.027) 1.48 ng/ul m

response 34909

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.00	13.60
100.00	11.40	11.24
0.00	0.00	0.00

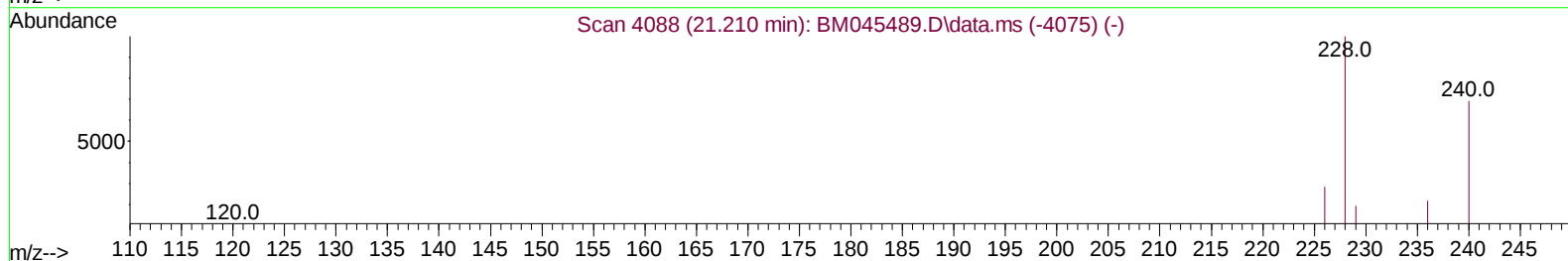
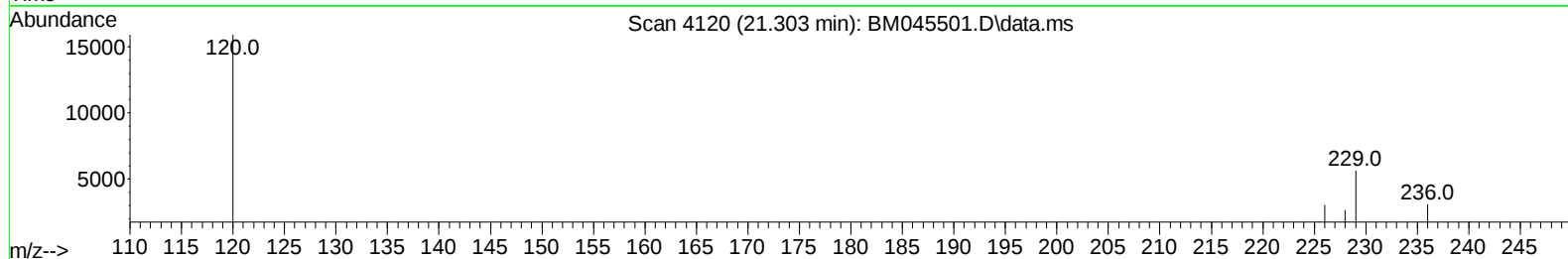
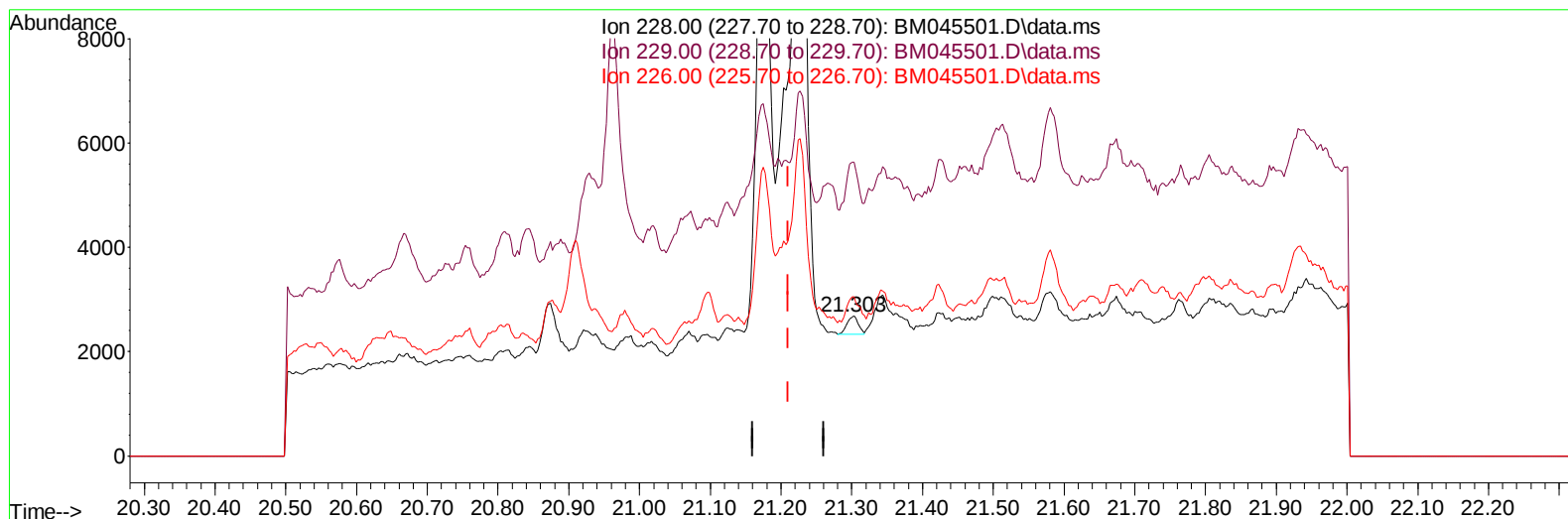
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(21) Benzo(a)anthracene

21.303min (+ 0.093) 0.02 ng/u1

response 402

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.30	209.91#
226.00	32.90	113.83#
0.00	0.00	0.00

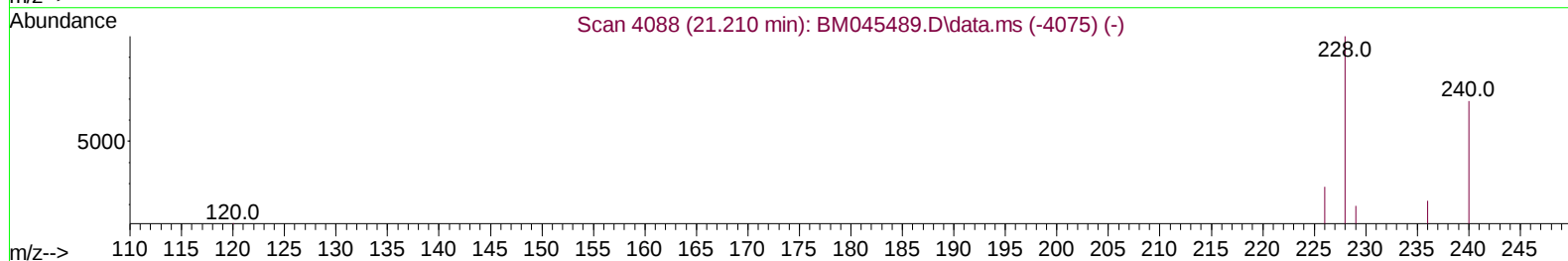
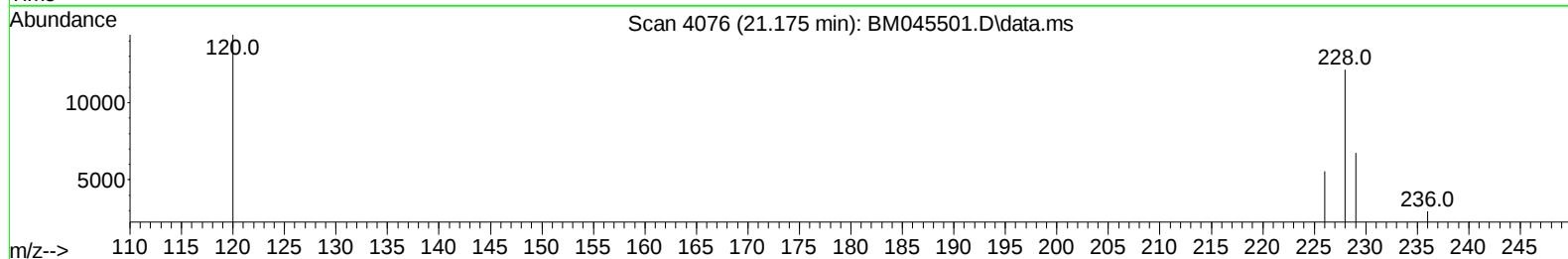
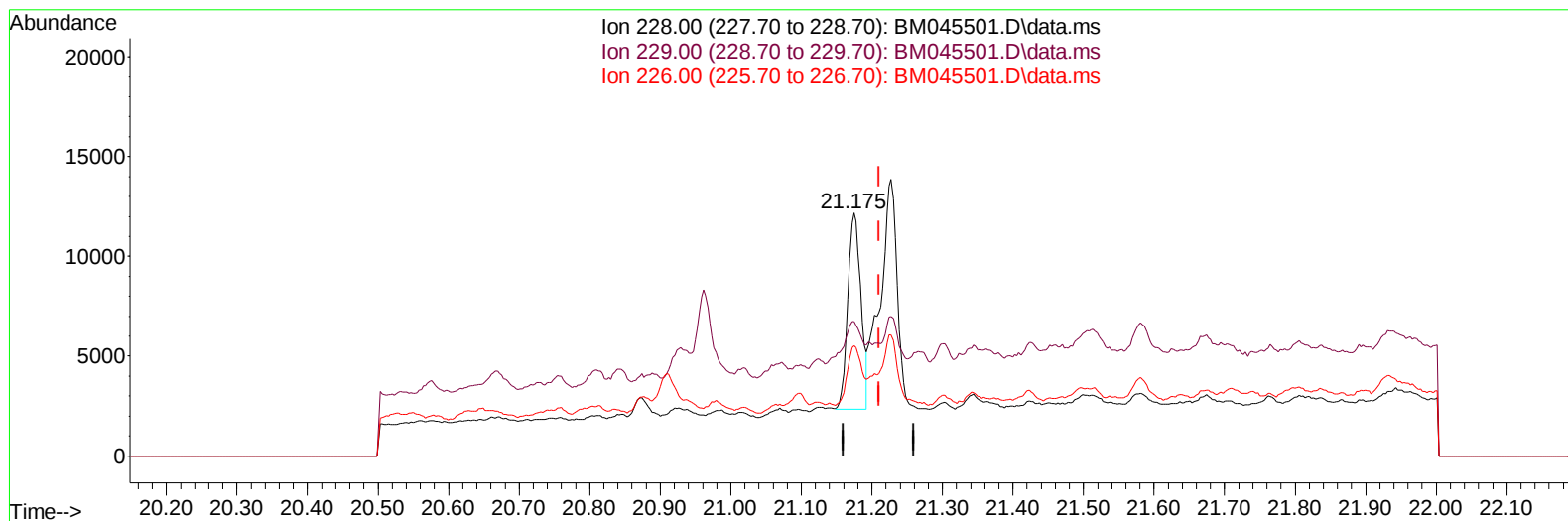
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(21) Benzo(a)anthracene

21.175min (-0.036) 0.78 ng/u1 m

response 12709

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.30	55.49#
226.00	32.90	45.53#
0.00	0.00	0.00

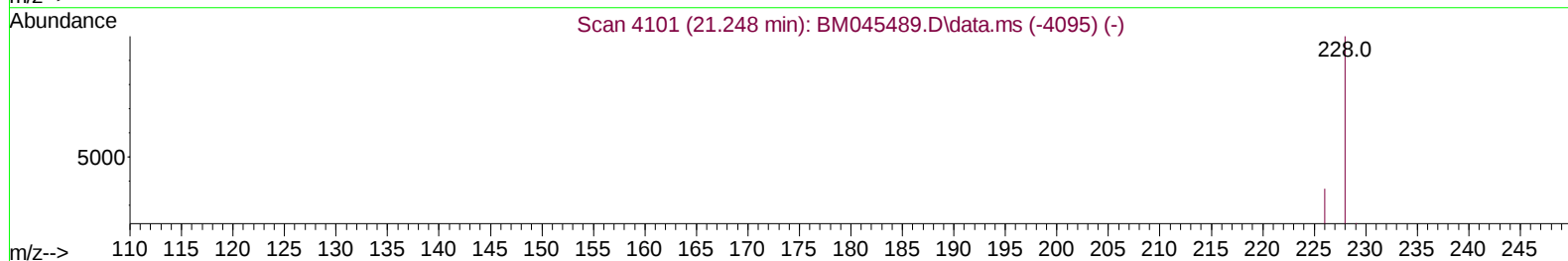
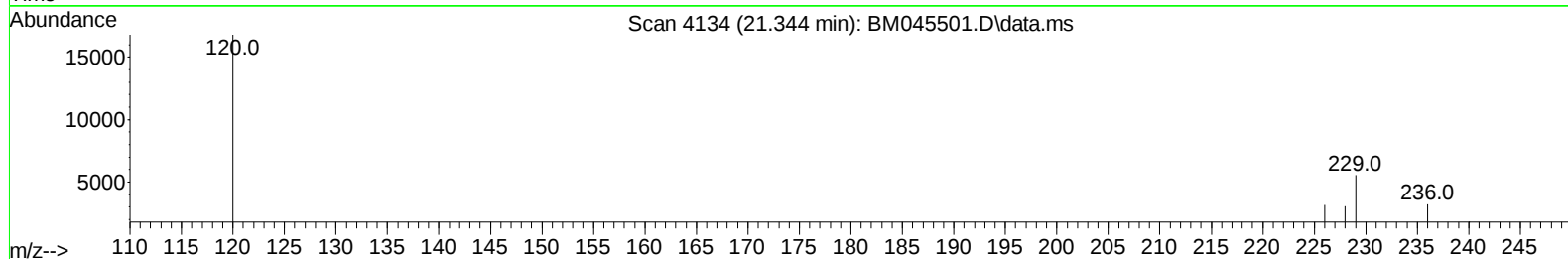
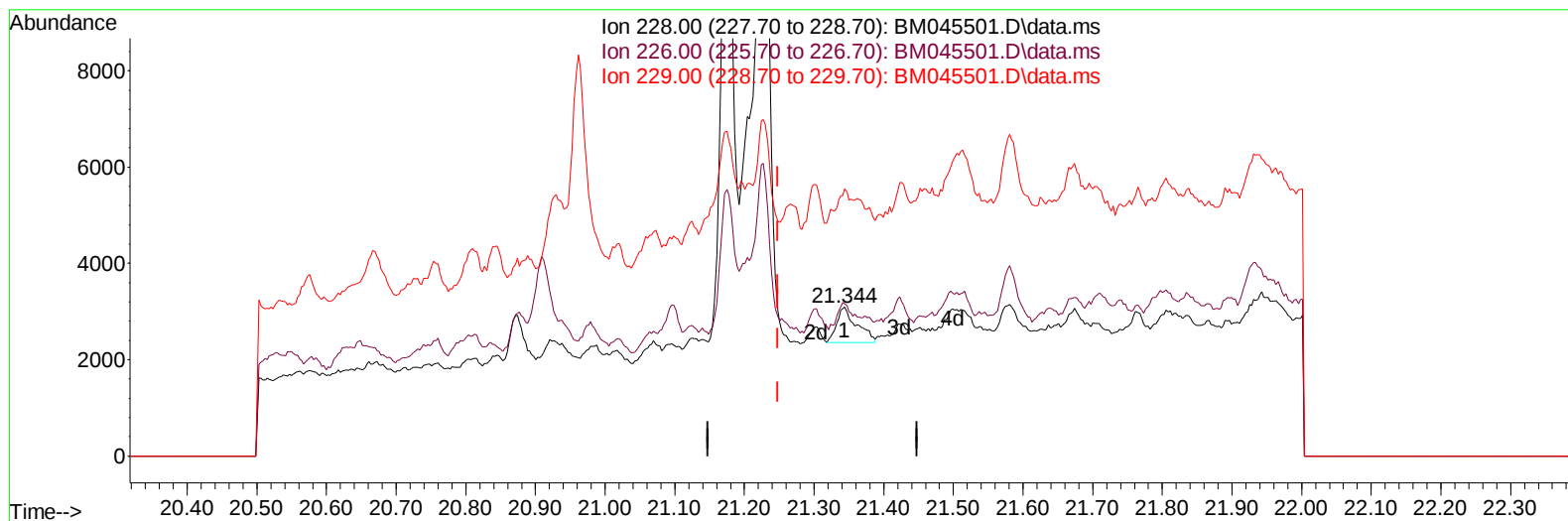
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045501.D
 Acq On : 23 Apr 2024 04:29
 Operator : MA/JU
 Sample : P2037-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(22) Chrysene

21.344min (+ 0.096) 0.06 ng/u1

response 1469

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.90	102.04#
229.00	22.30	179.47#
0.00	0.00	0.00

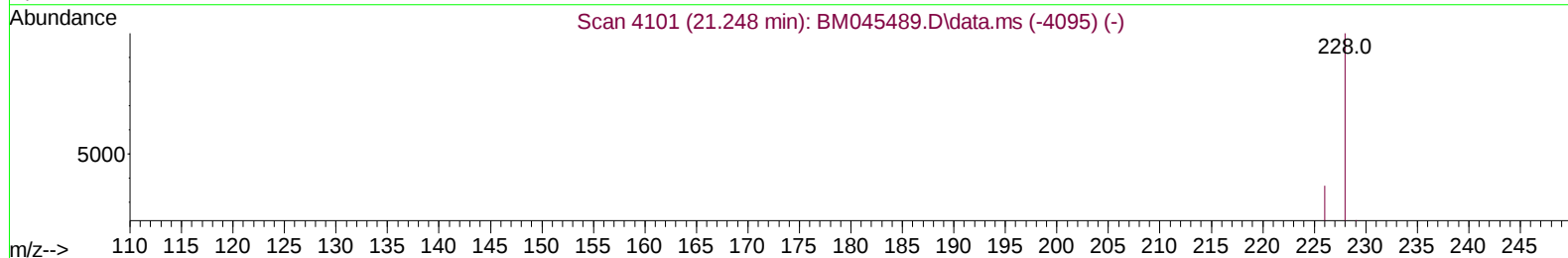
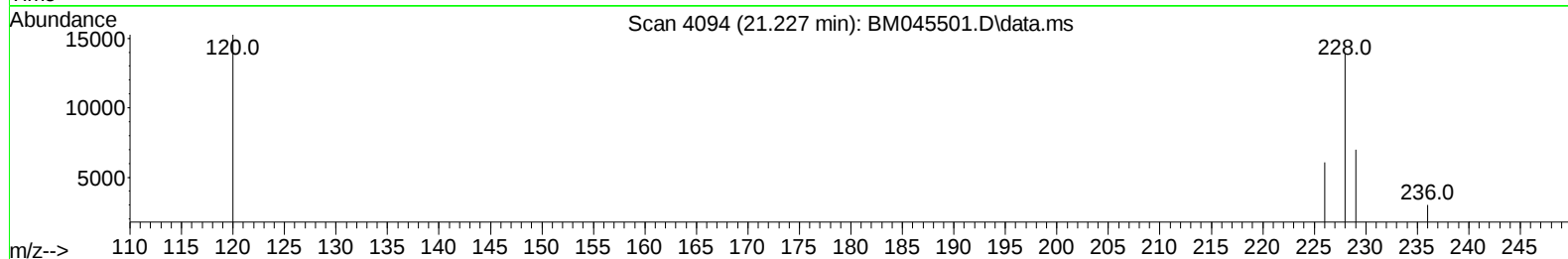
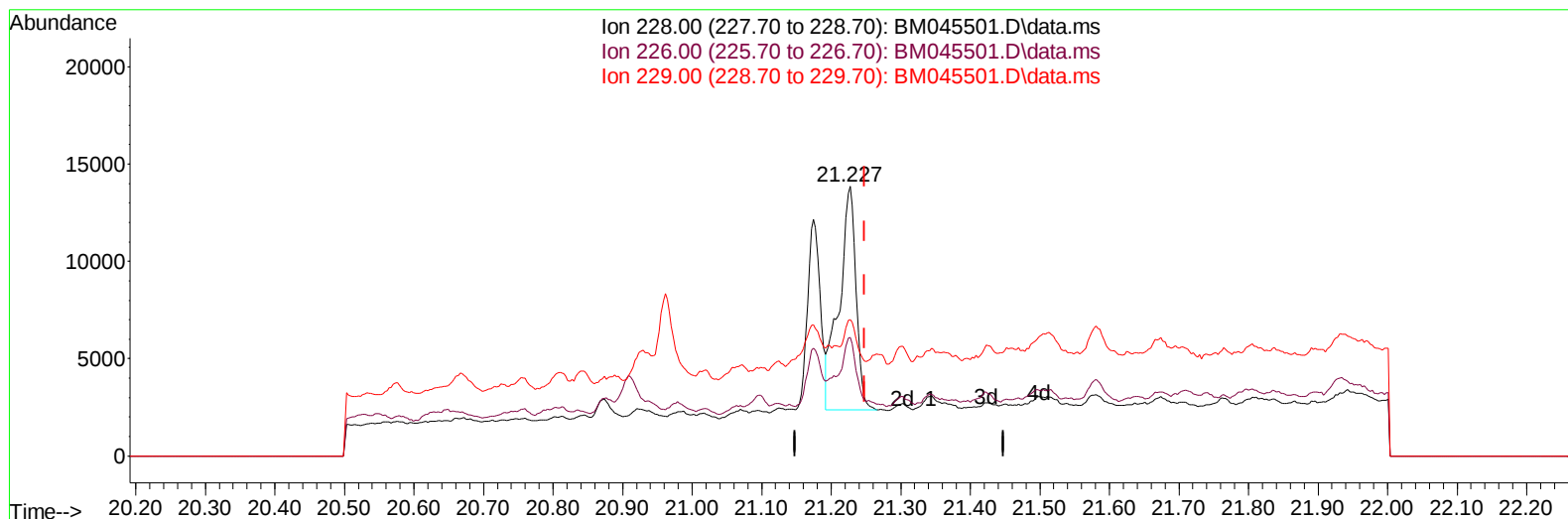
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(22) Chrysene

21.227min (-0.021) 0.78 ng/u1 m

response 19544

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.90	43.88#
229.00	22.30	50.49#
0.00	0.00	0.00

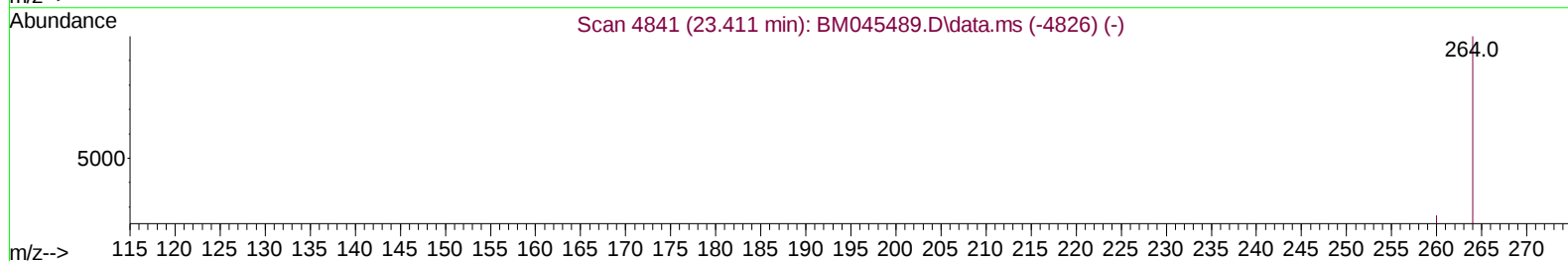
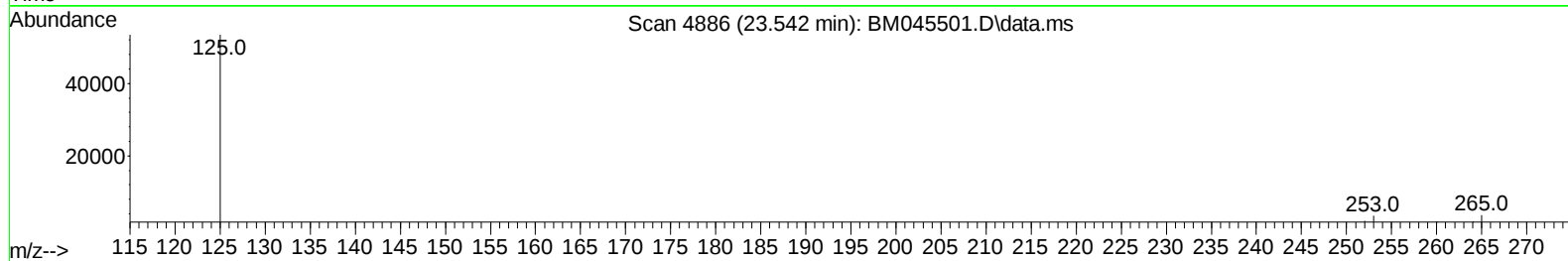
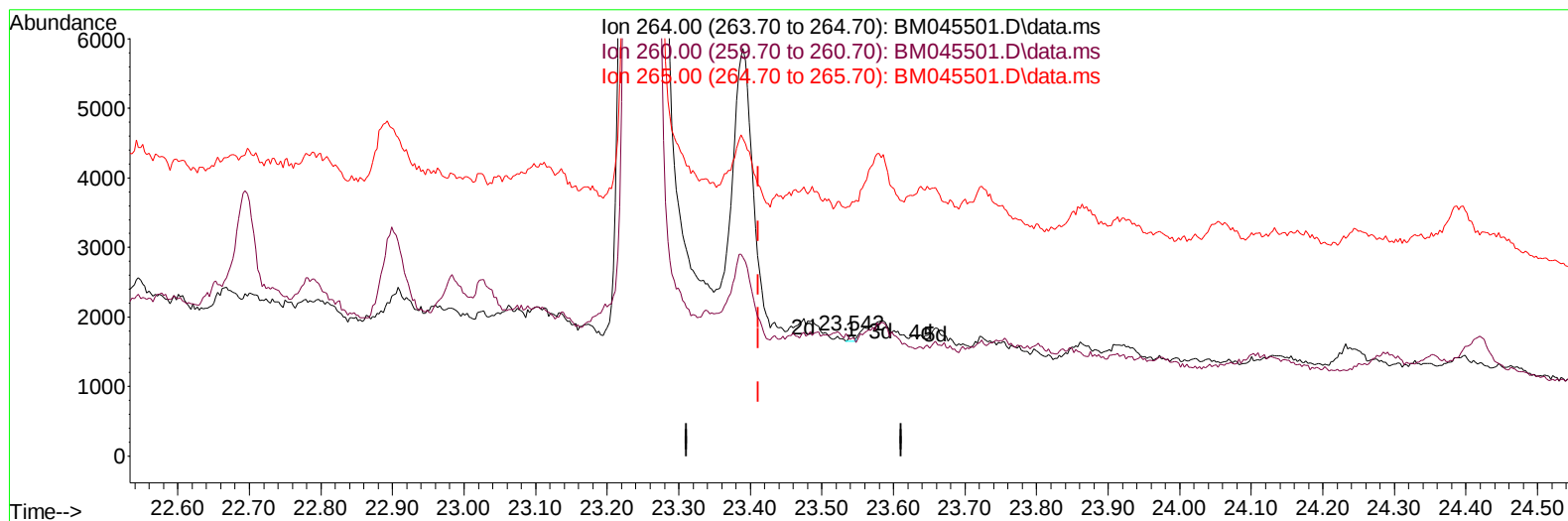
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(23) Perylene-d12 (I)

23.542min (+ 0.131) 0.40 ng/u1

response 46

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	97.53#
265.00	86.70	210.45#
0.00	0.00	0.00

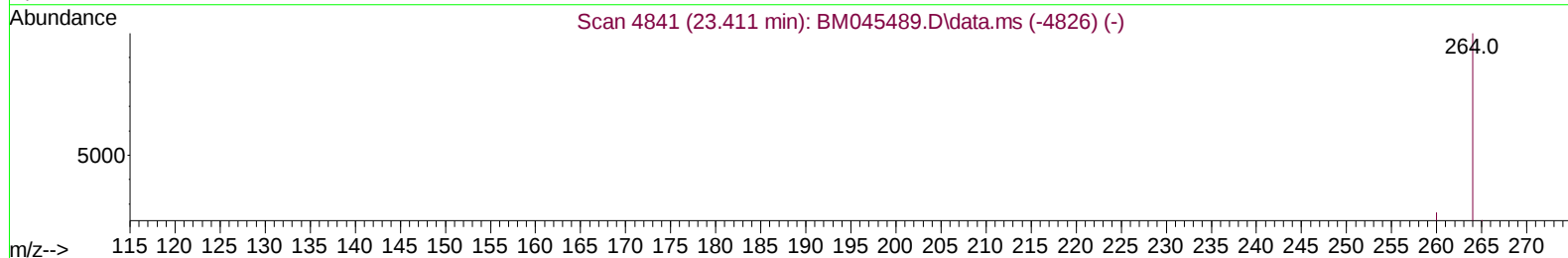
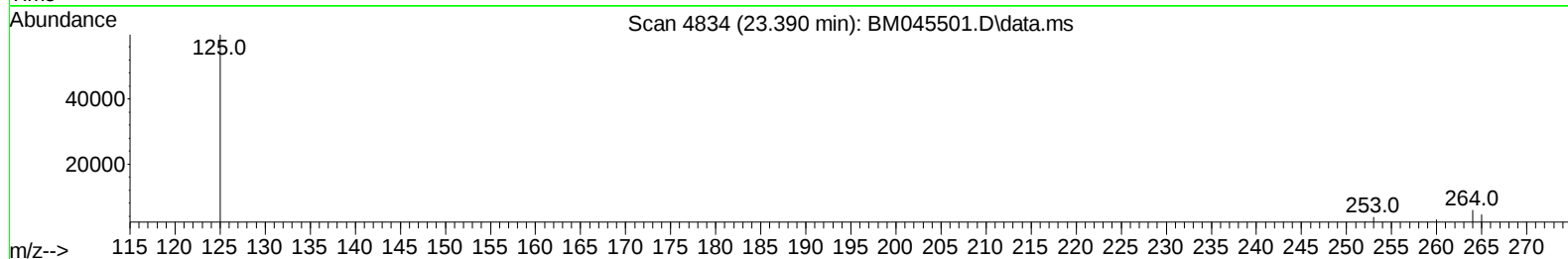
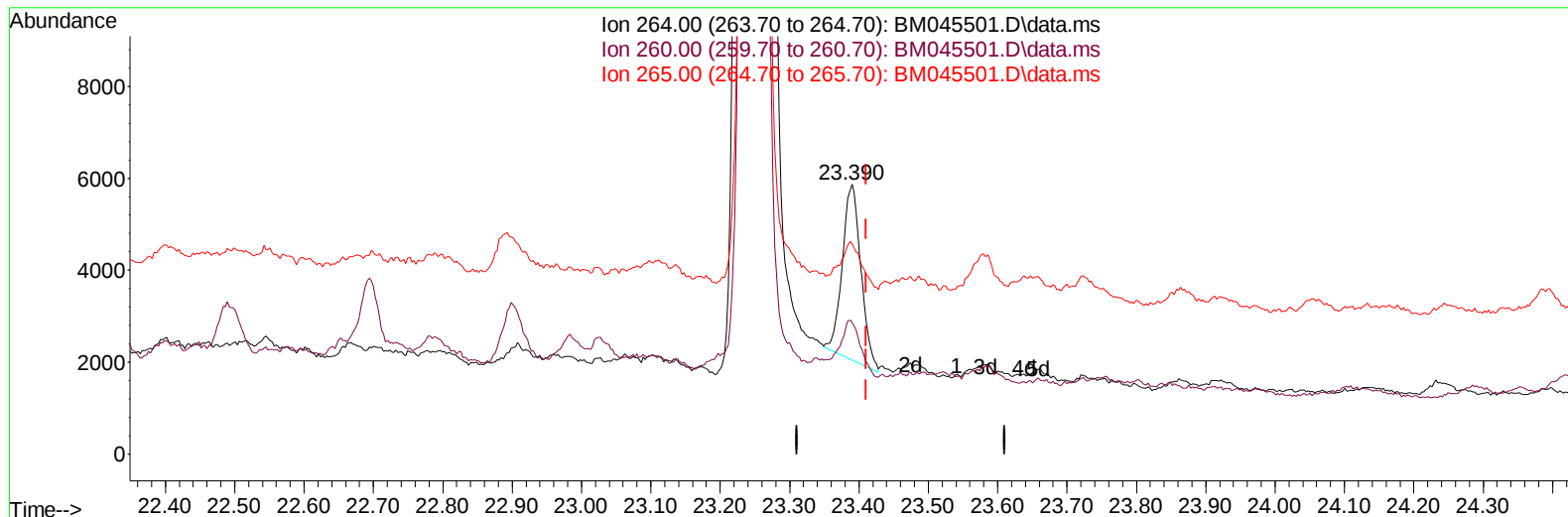
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(23) Perylene-d12 (I)

23.390min (-0.021) 0.40 ng/ul m

response 7072

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	48.78#
265.00	86.70	77.83
0.00	0.00	0.00

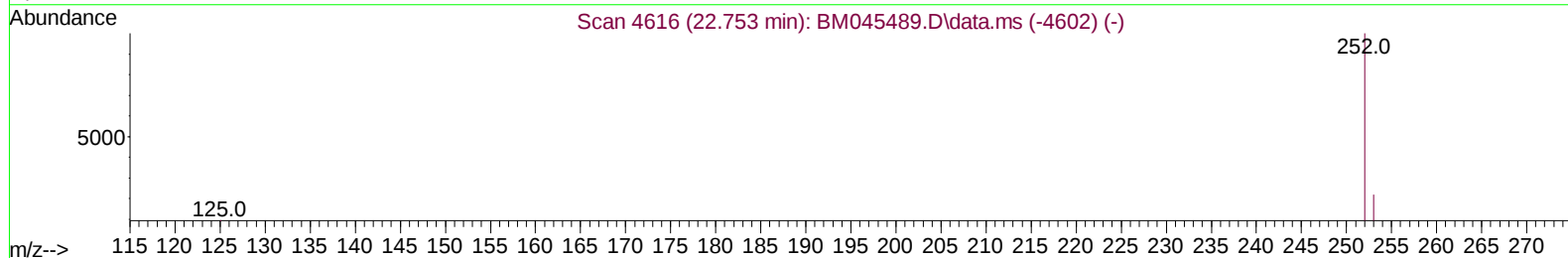
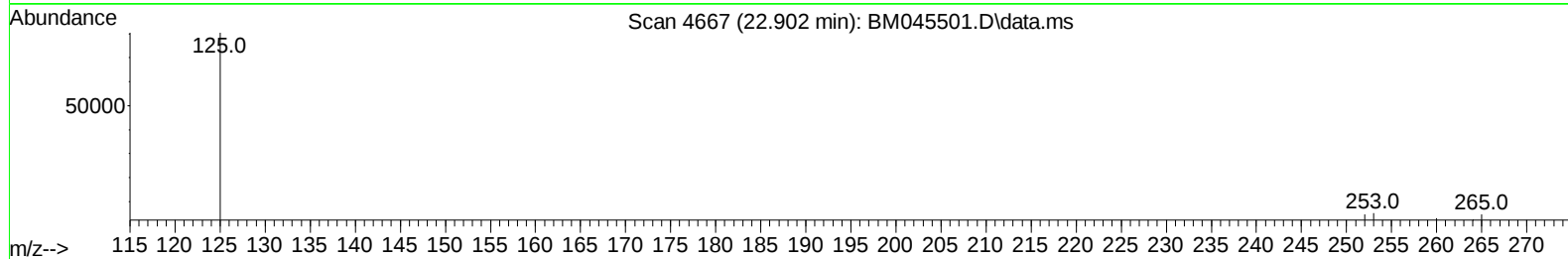
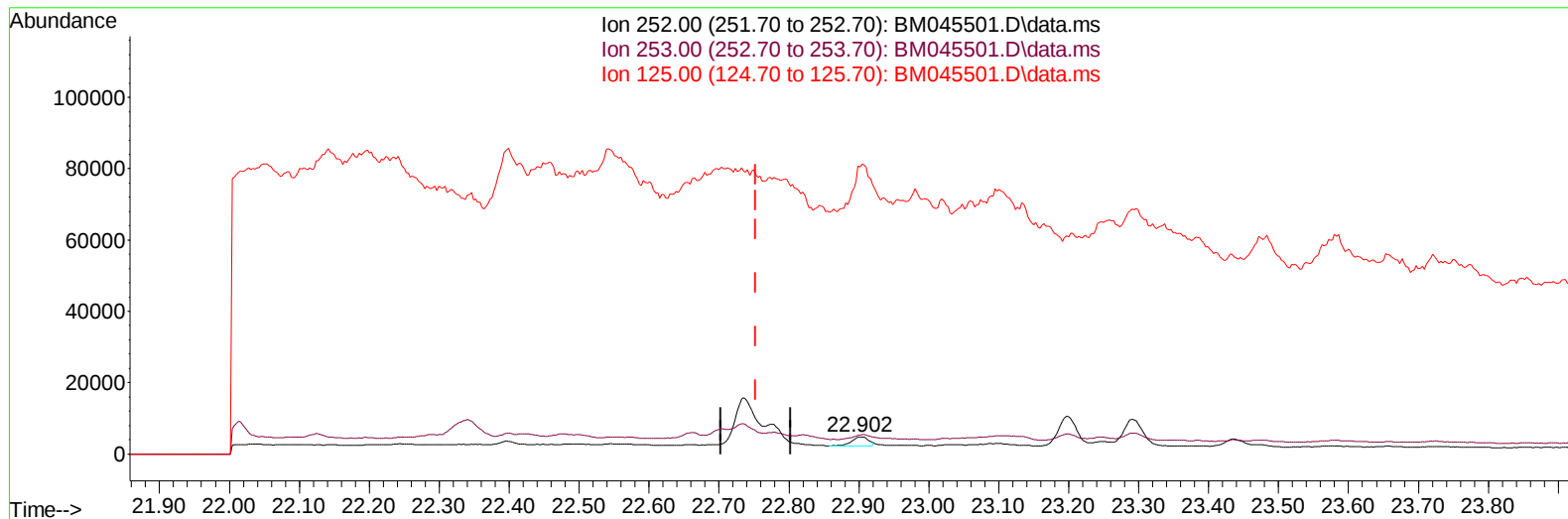
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(24) Benzo(b)fluoranthene

22.902min (+ 0.149) 0.18 ng/u1

response 4217

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	111.50#
125.00	18.40	1674.65#
0.00	0.00	0.00

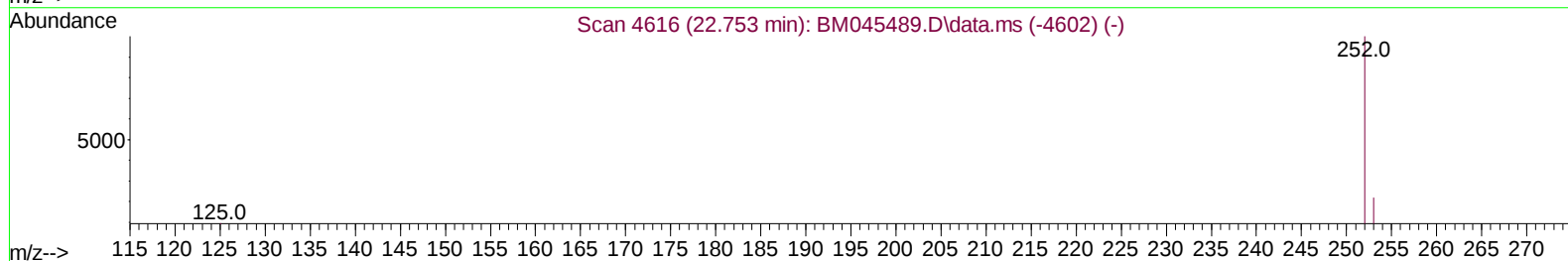
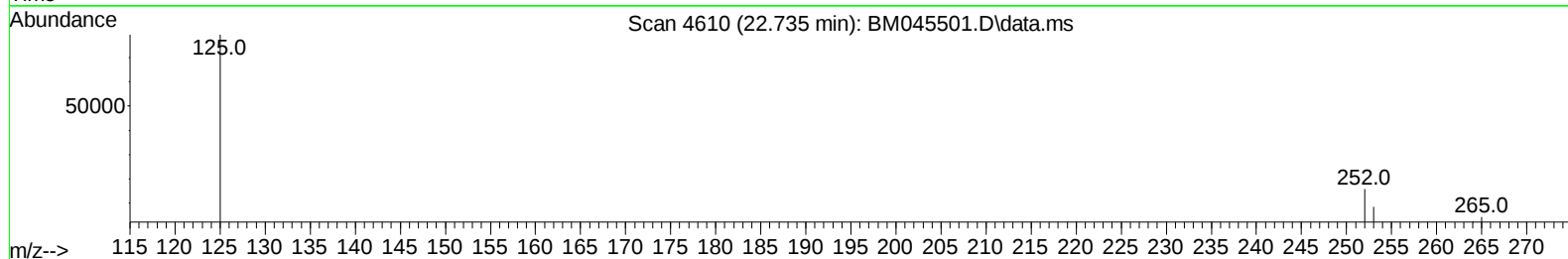
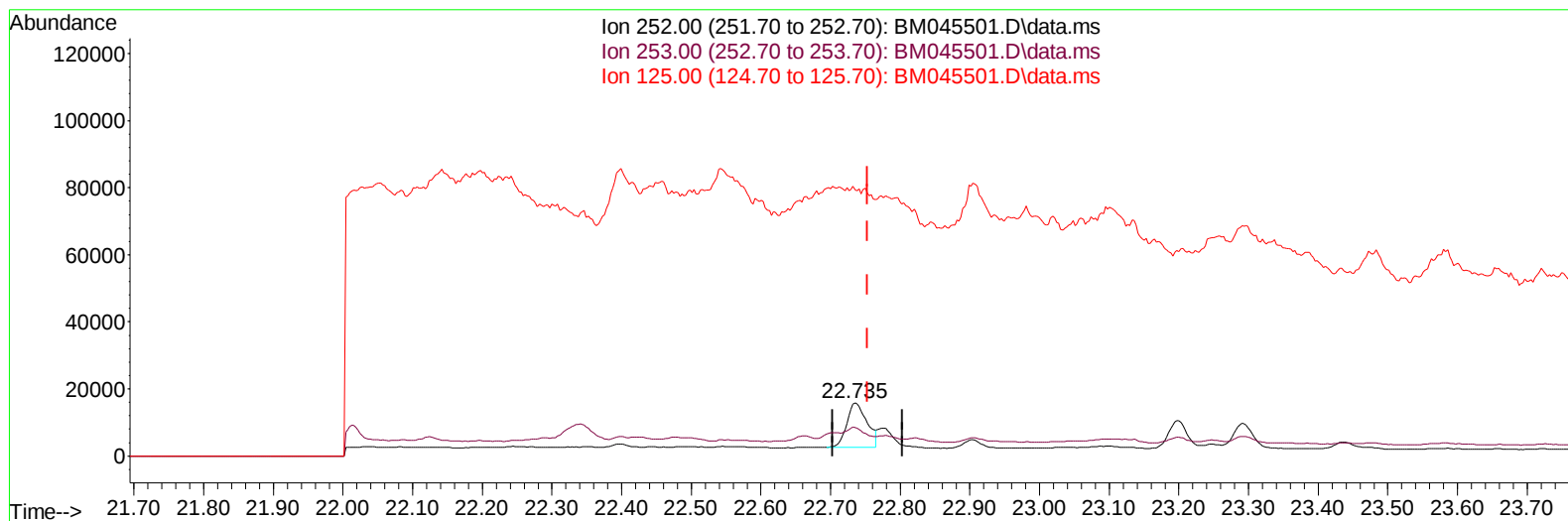
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(24) Benzo(b)fluoranthene

22.735min (-0.018) 1.13 ng/u1 m

response 26829

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	53.77
125.00	18.40	502.27#
0.00	0.00	0.00

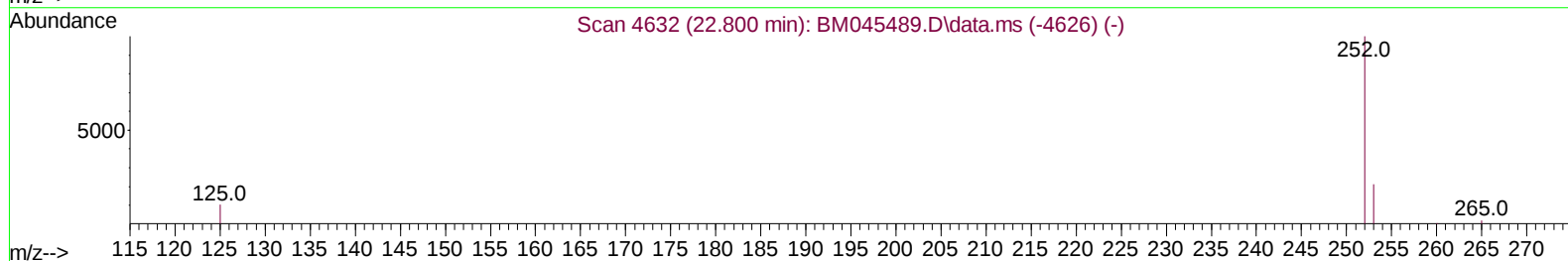
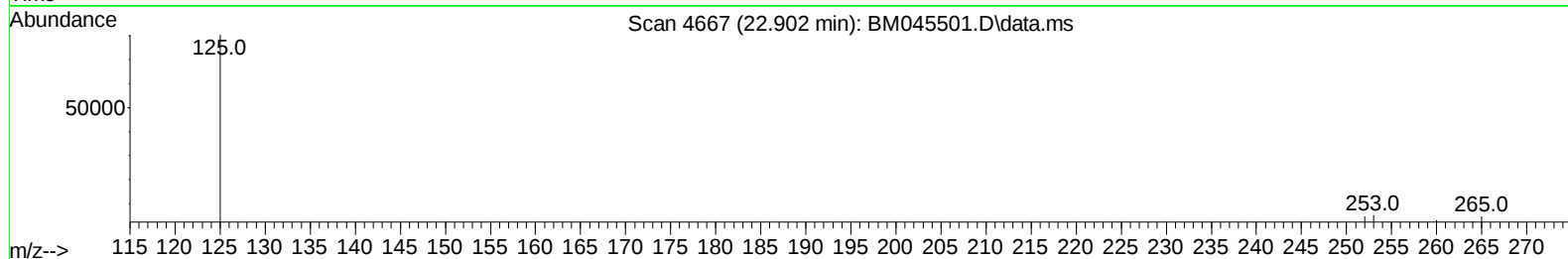
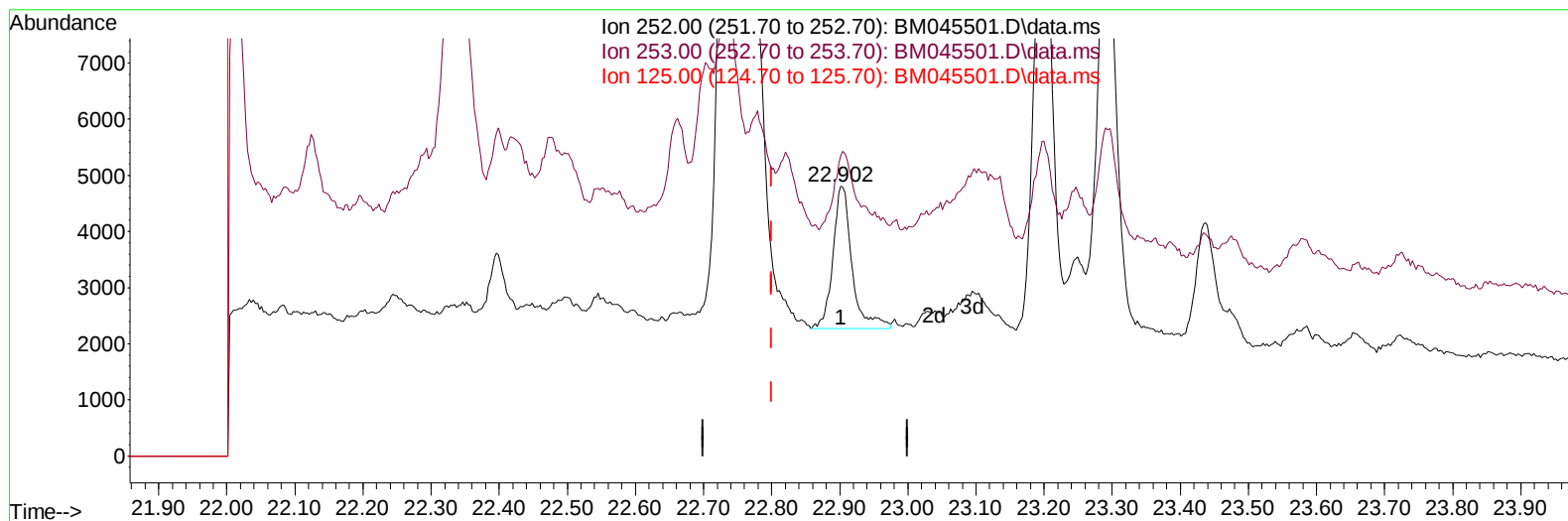
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(25) Benzo(k)fluoranthene

22.902min (+ 0.102) 0.17 ng/u1

response 4982

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	111.50#
125.00	18.50	1674.65#
0.00	0.00	0.00

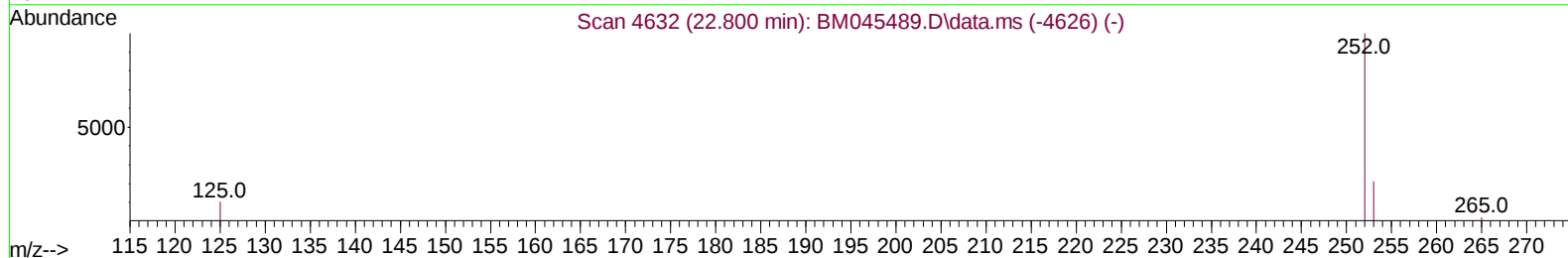
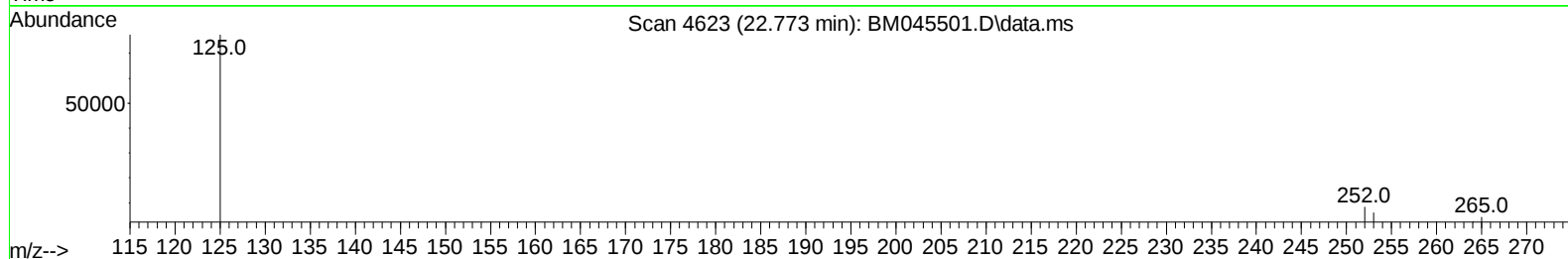
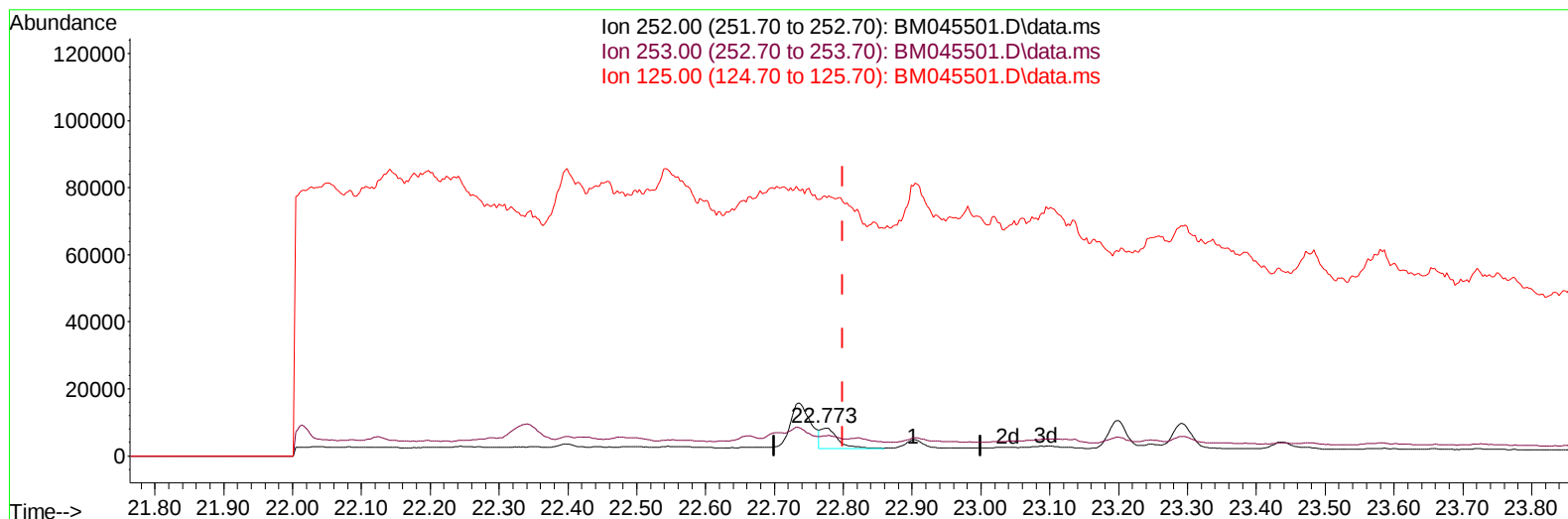
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(25) Benzo(k)fluoranthene

22.773min (-0.027) 0.37 ng/u1 m

response 11044

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	72.17#
125.00	18.50	932.29#
0.00	0.00	0.00

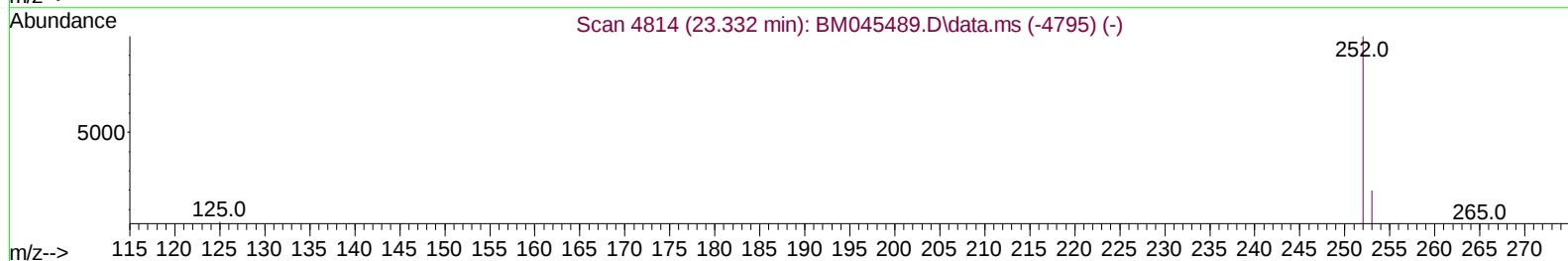
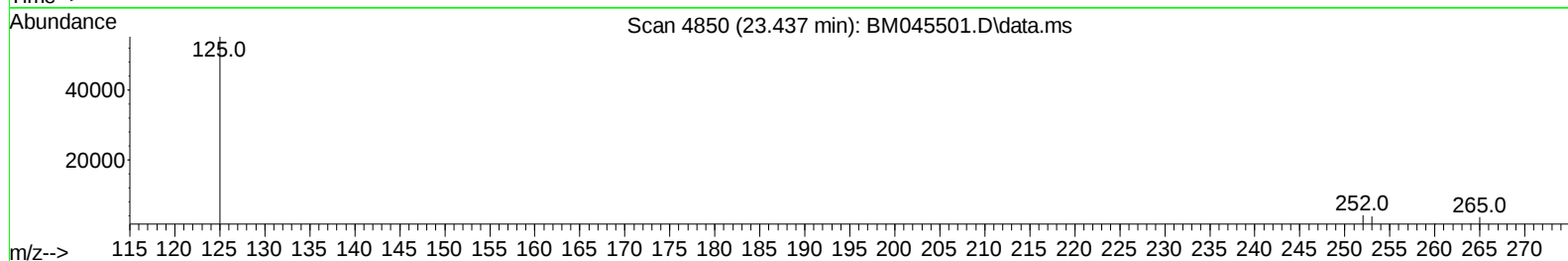
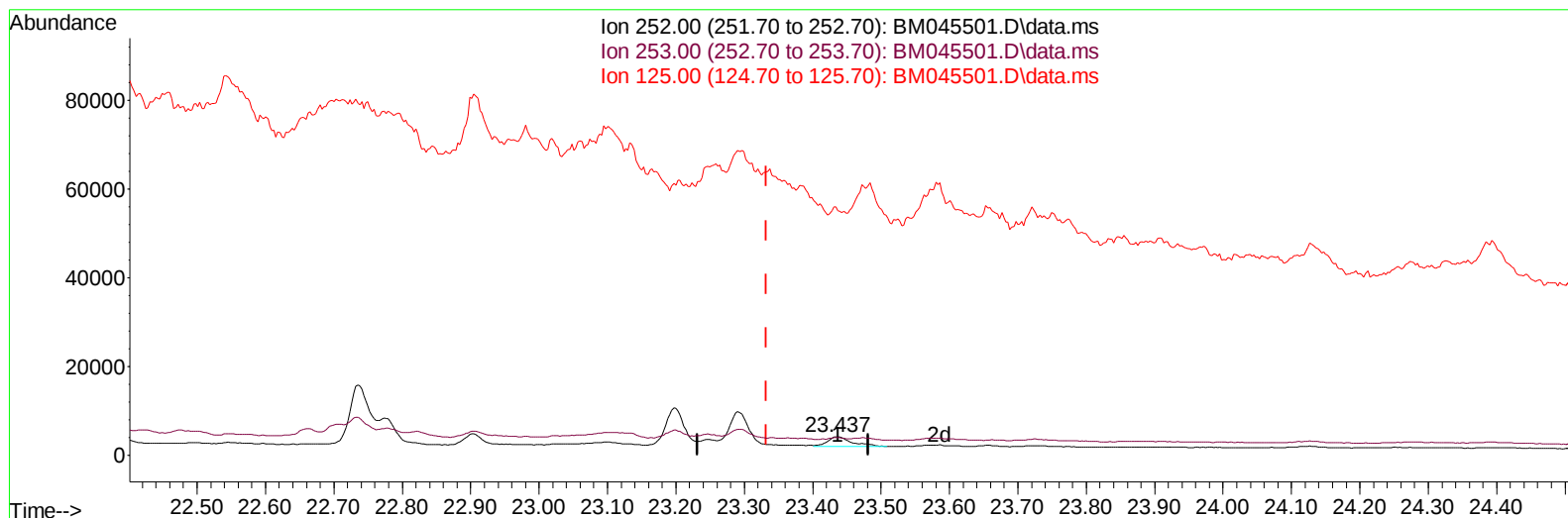
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(26) Benzo(a)pyrene (C)

23.437min (+ 0.105) 0.22 ng/u1

response 5431

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	39.50	95.07#
125.00	24.40	1326.47#
0.00	0.00	0.00

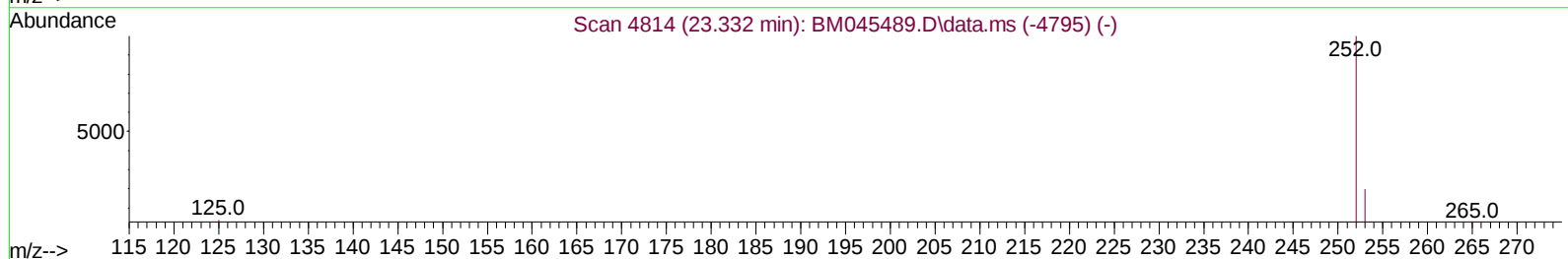
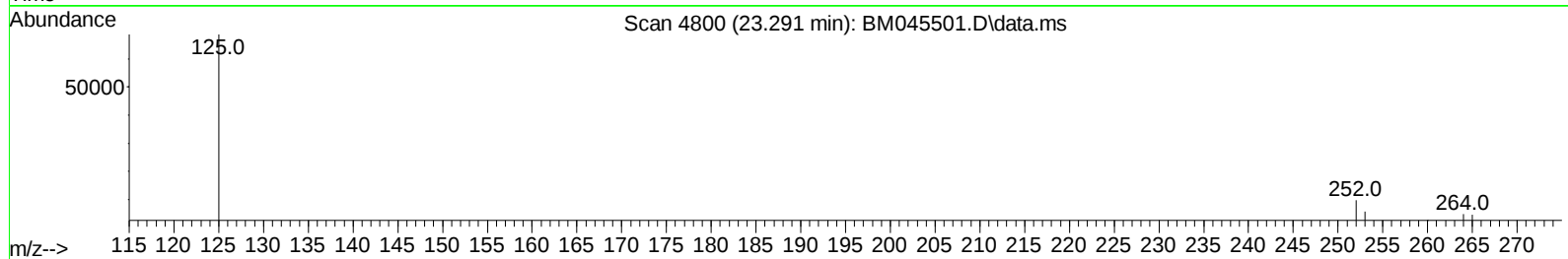
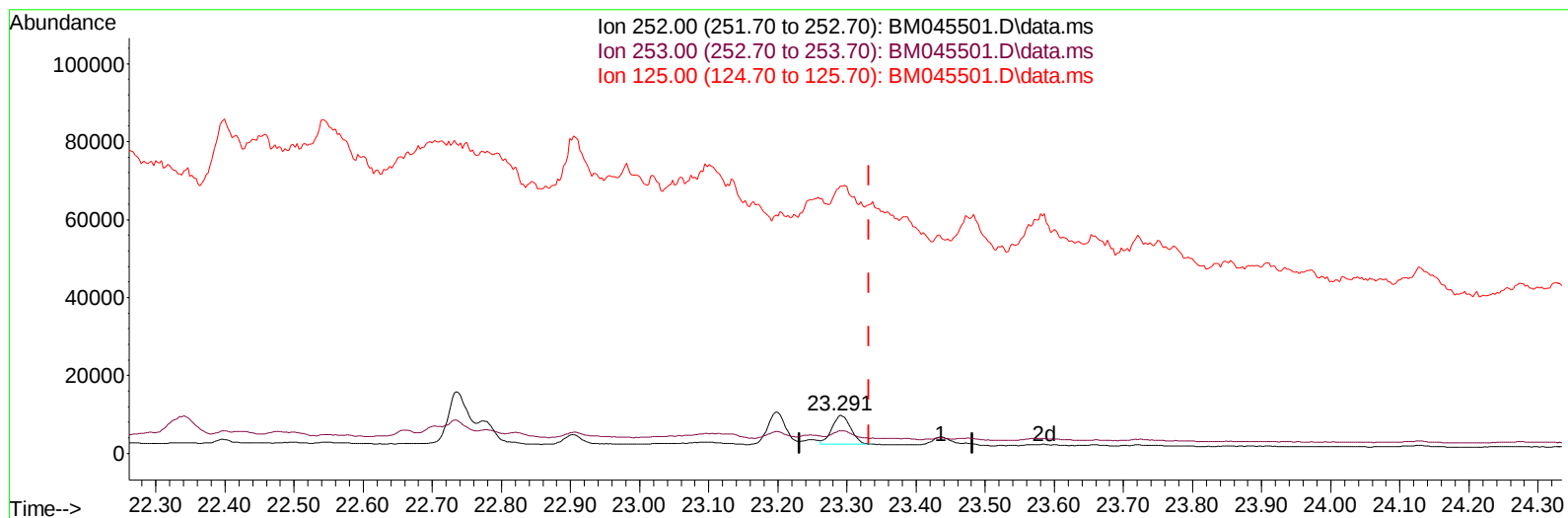
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

(26) Benzo(a)pyrene (C)

23.291min (-0.041) 0.57 ng/u1 m

response 14027

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	39.50	59.82#
125.00	24.40	702.17#
0.00	0.00	0.00

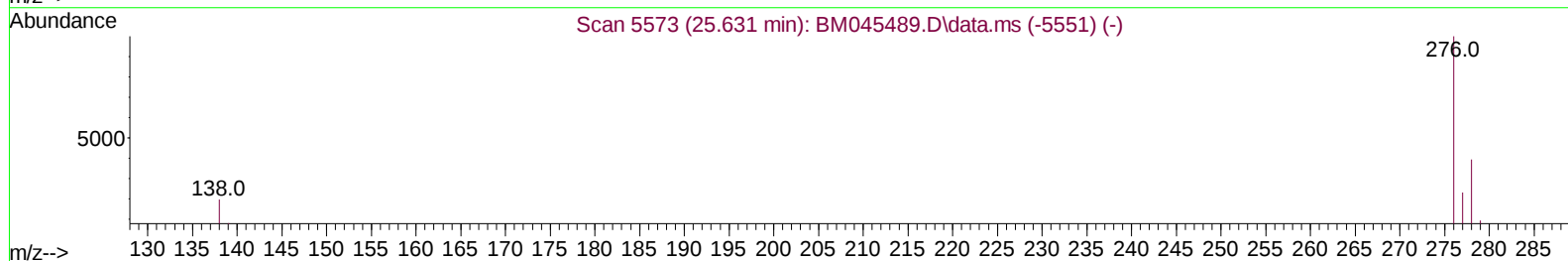
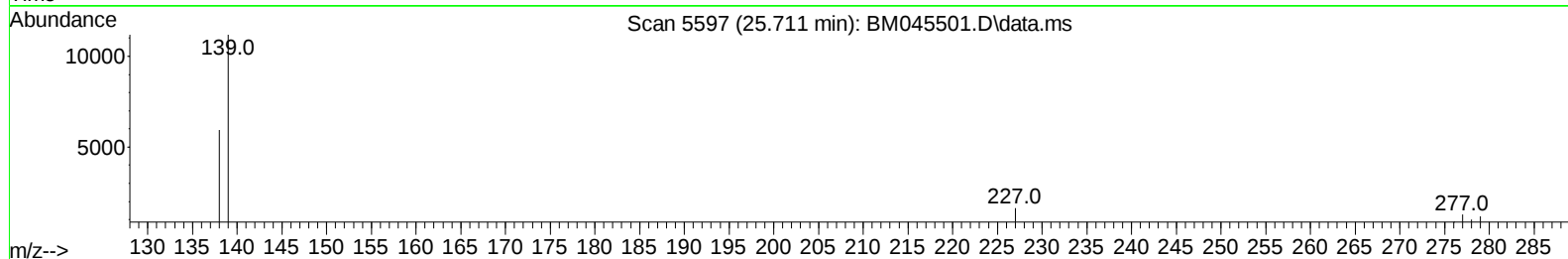
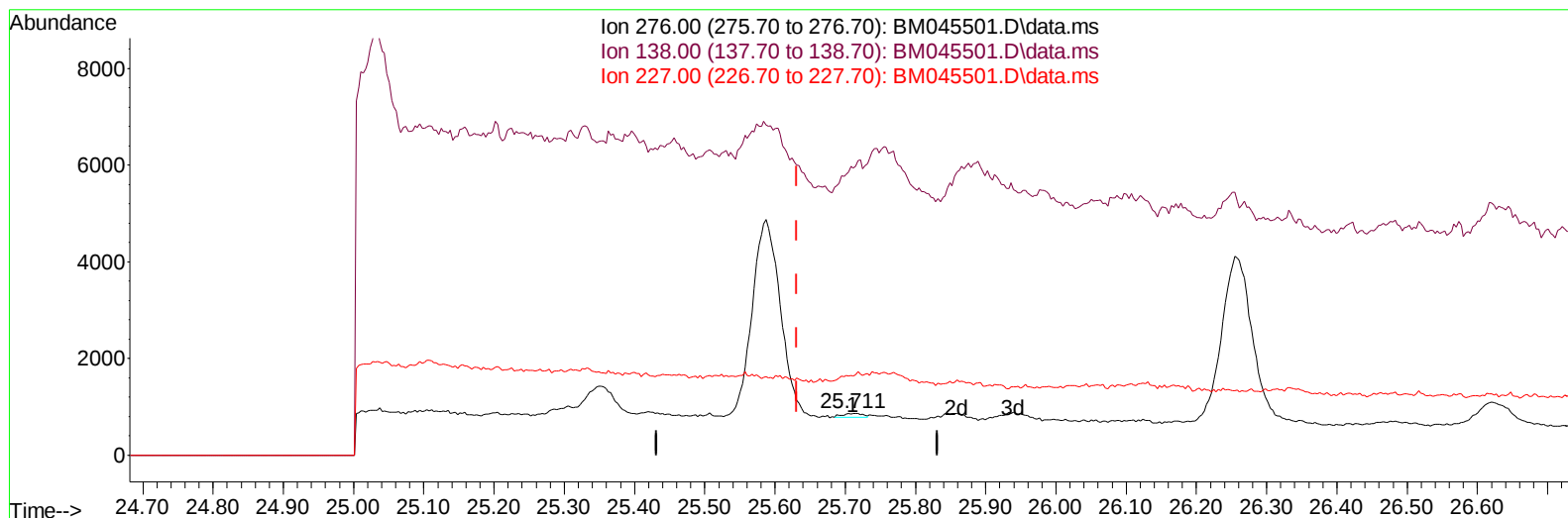
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

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

25.711min (+ 0.080) 0.00 ng/u1

response 153

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	788.24#
227.00	0.20	0.00#
0.00	0.00	0.00

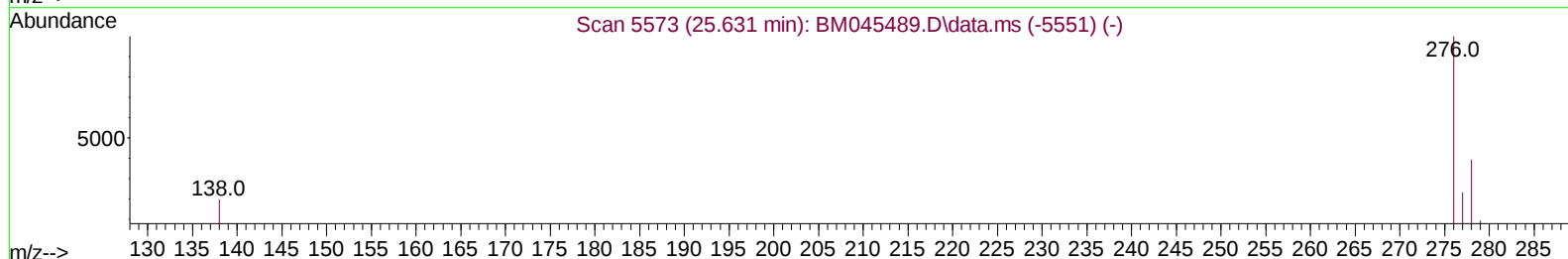
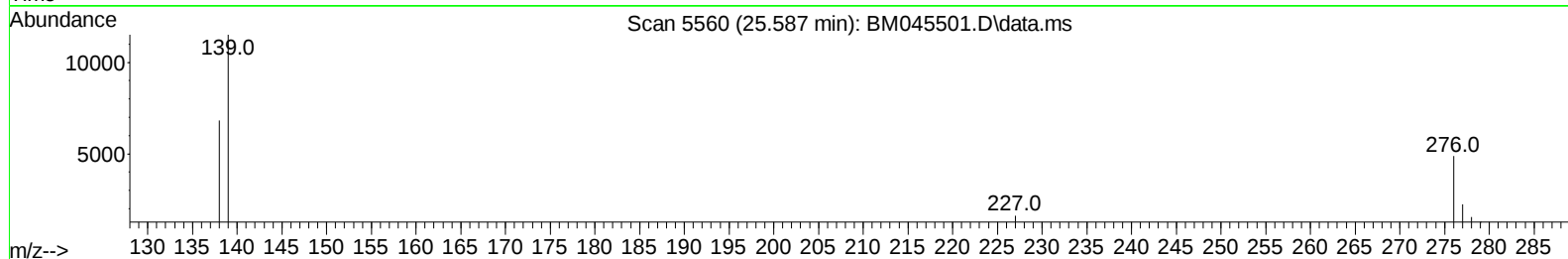
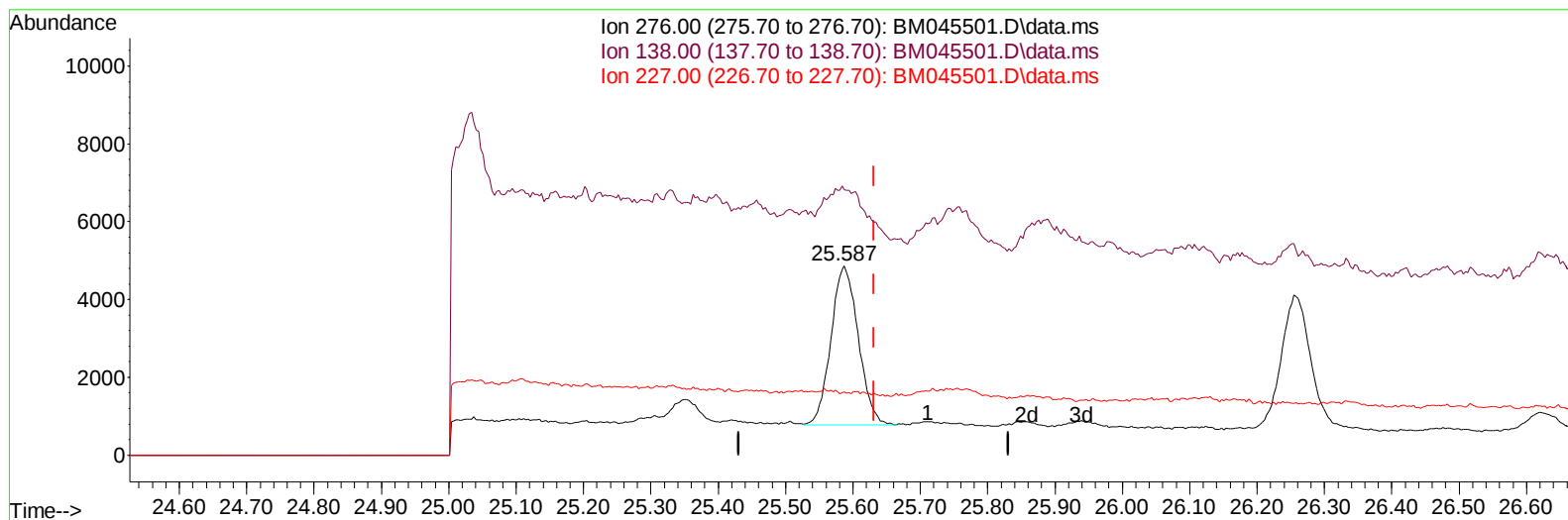
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045501.D\data.ms

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

25.587min (-0.044) 0.32 ng/u1 m

response 11476

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	10.51#
227.00	0.20	0.00#
0.00	0.00	0.00

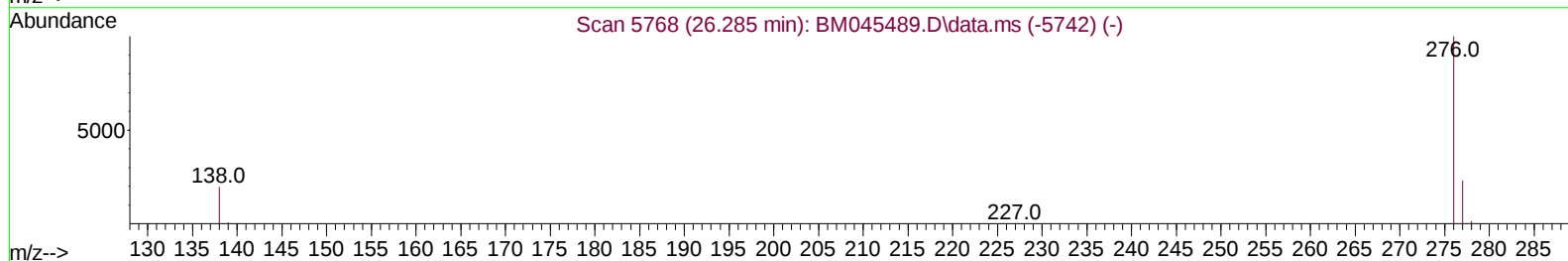
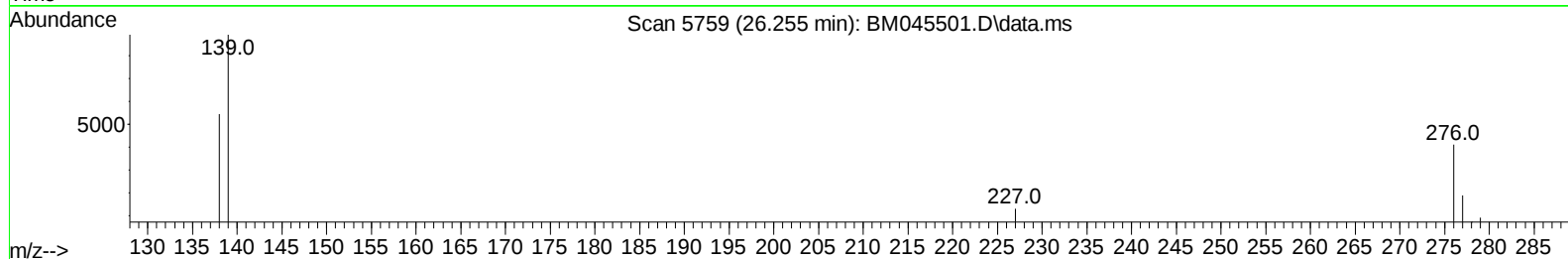
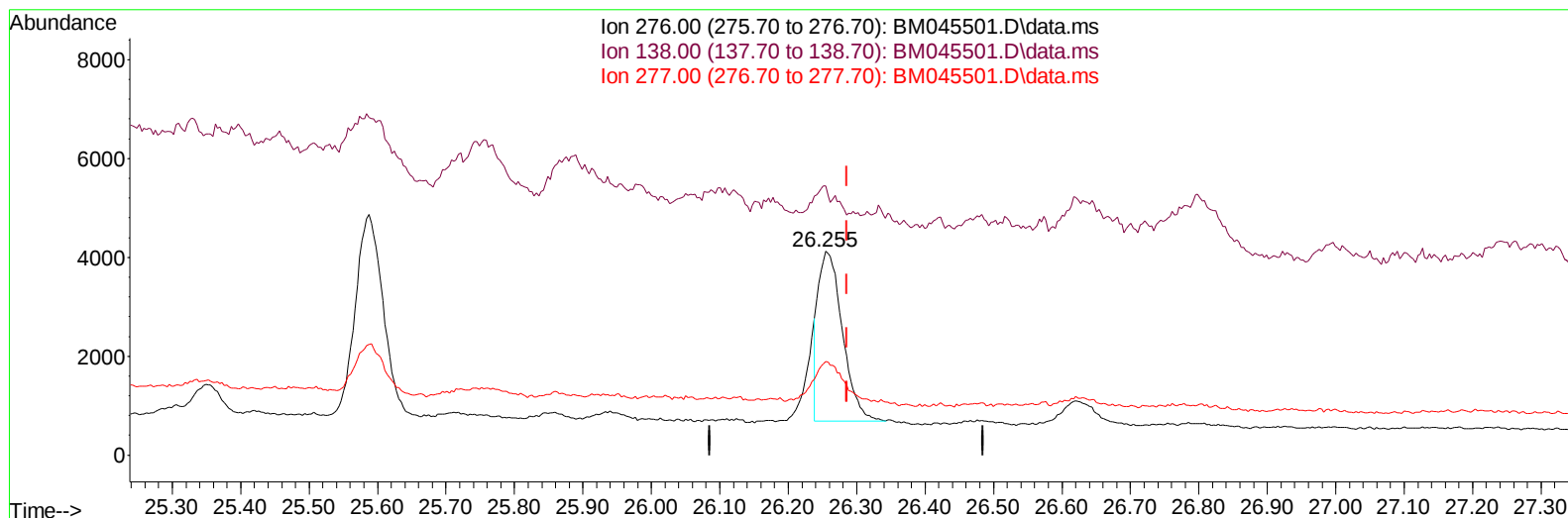
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

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TIC: BM045501.D\data.ms

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

26.255min (-0.031) 0.26 ng/u1

response 8441

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.00	132.09#
277.00	27.30	46.07#
0.00	0.00	0.00

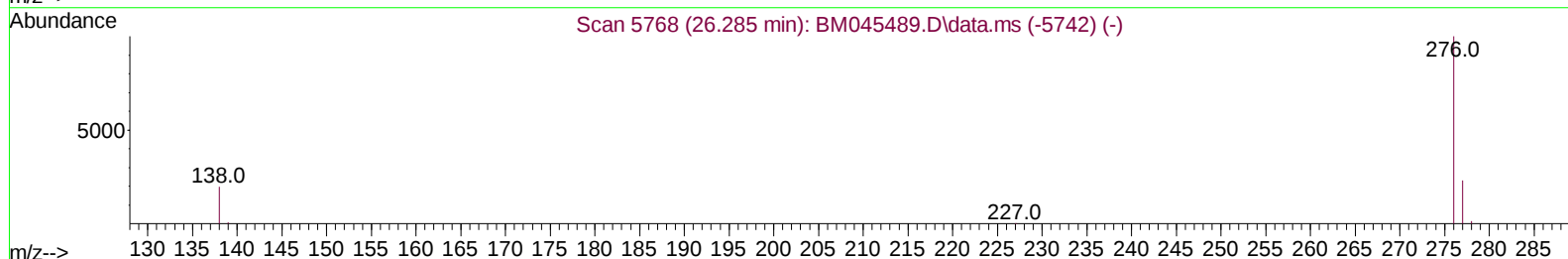
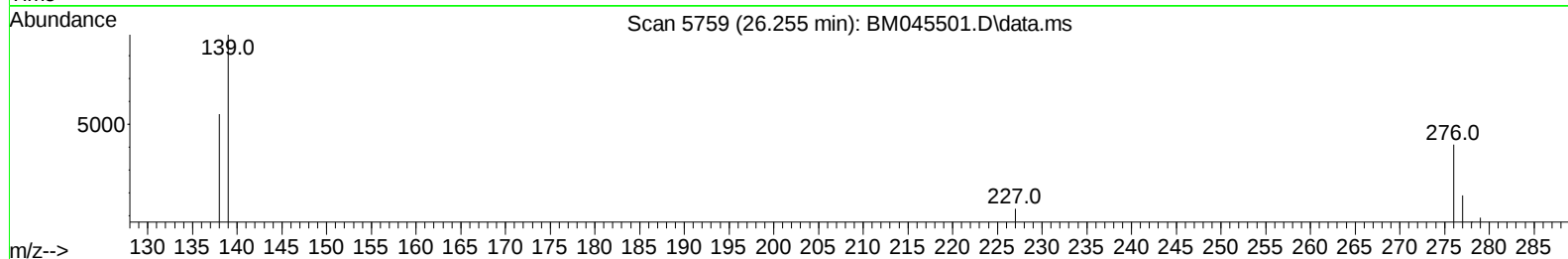
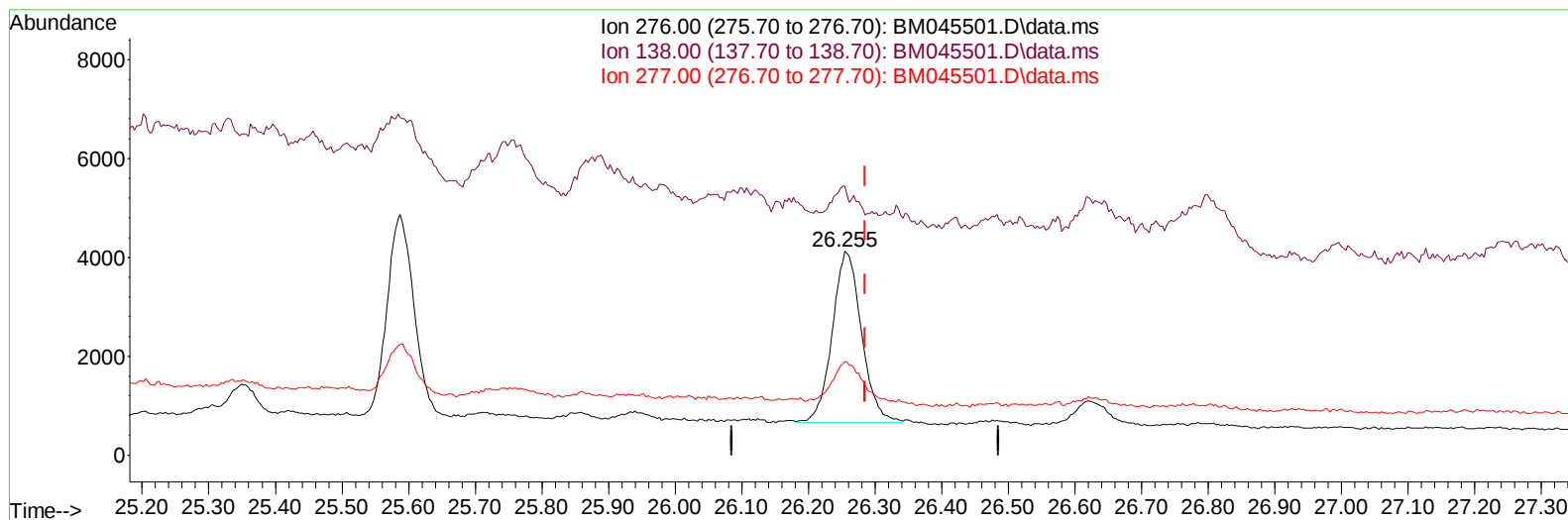
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:33:17 2024
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Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045501.D\data.ms

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

26.255min (-0.031) 0.33 ng/u1 m

response 10493

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.00	132.09#
277.00	27.30	46.07#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2037-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX9

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 04/26/2024

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 QLast Update : Tue Apr 23 02:57:45 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	1572	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.319	136	4865	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.206	164	2979	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.968	188	5318m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.192	240	5106m	0.400	ng/ul	-0.02
23) Perylene-d12	23.390	264	7072m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	5909	2.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1739	0.271	ng/ul	-0.06
18) Fluoranthene-d10	19.011	212	3828m	0.238	ng/ul	-0.03
Target Compounds				Qvalue		
5) Naphthalene	10.369	128	10122	0.775	ng/ul#	88
7) 2-Methylnaphthalene	11.997	142	2225	0.298	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	1800	0.215	ng/ul	97
10) Acenaphthylene	13.919	152	2283	0.155	ng/ul#	30
11) Acenaphthene	14.266	153	1217	0.112	ng/ul#	83
12) Fluorene	15.265	166	1342m	0.115	ng/ul	
15) Phenanthrene	17.010	178	26690m	1.723	ng/ul	
16) Anthracene	17.103	178	1703m	0.118	ng/ul	
19) Fluoranthene	19.044	202	34909m	1.482	ng/ul	
20) Pyrene	19.411	202	37797	1.561	ng/ul	99
21) Benzo(a)anthracene	21.175	228	12709m	0.779	ng/ul	
22) Chrysene	21.227	228	19544m	0.779	ng/ul	
24) Benzo(b)fluoranthene	22.735	252	26829m	1.128	ng/ul	
25) Benzo(k)fluoranthene	22.773	252	11044m	0.367	ng/ul	
26) Benzo(a)pyrene	23.291	252	14027m	0.569	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.587	276	11476m	0.320	ng/ul	
29) Benzo(g,h,i)perylene	26.255	276	10493m	0.326	ng/ul	

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

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