

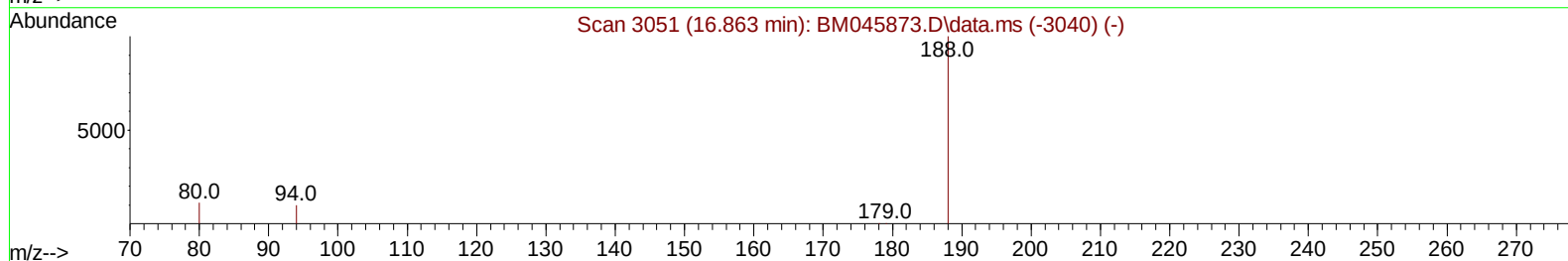
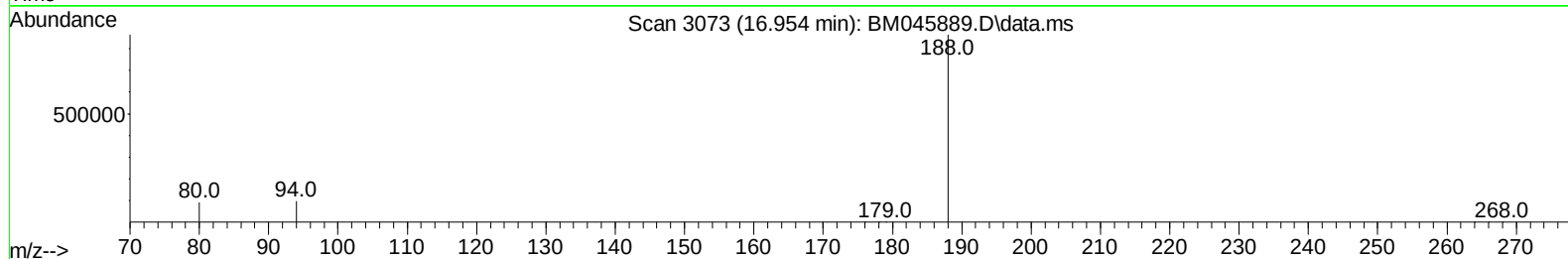
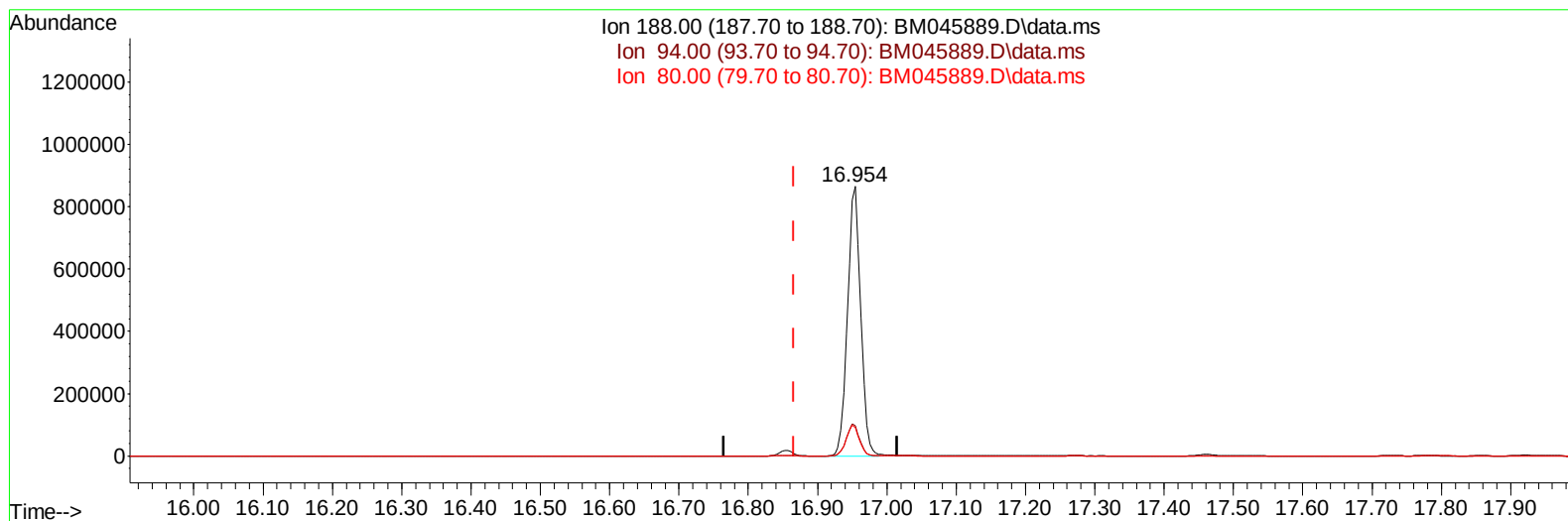
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 23:01:48 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



TIC: BM045889.D\data.ms

(13) Phenanthrene-d10 (I)

16.954min (+ 0.089) 0.40 ng/u1

response 1148246

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.15
80.00	11.70	10.51
0.00	0.00	0.00

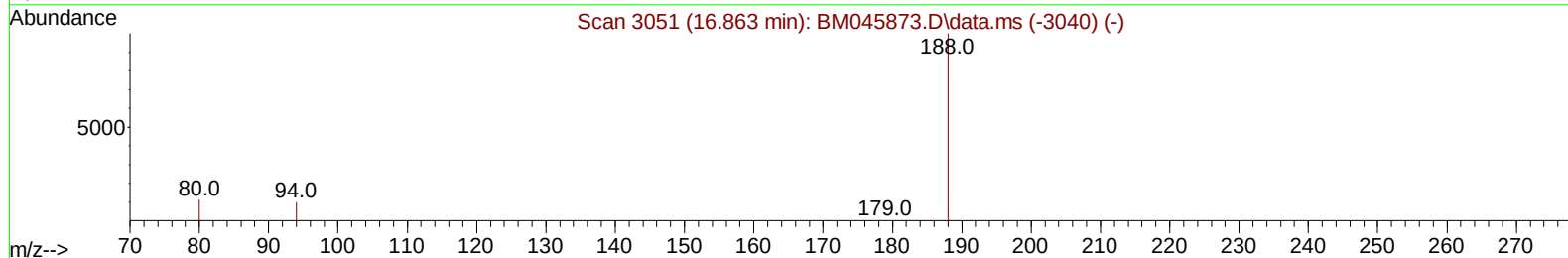
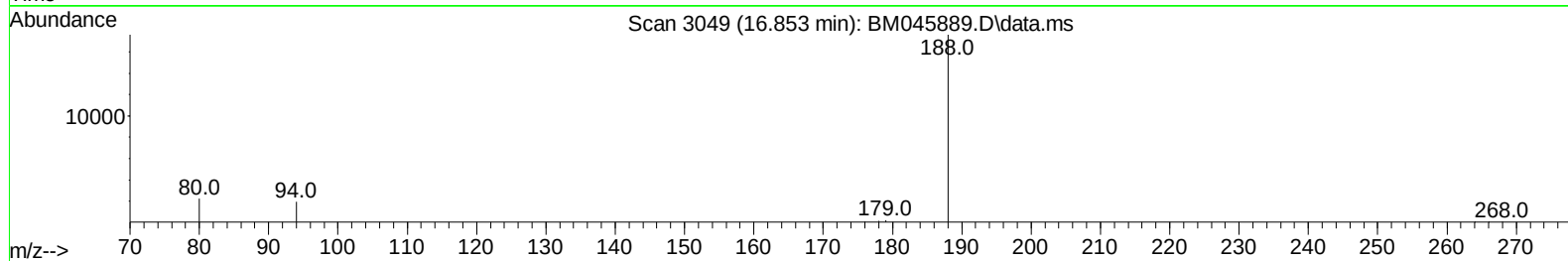
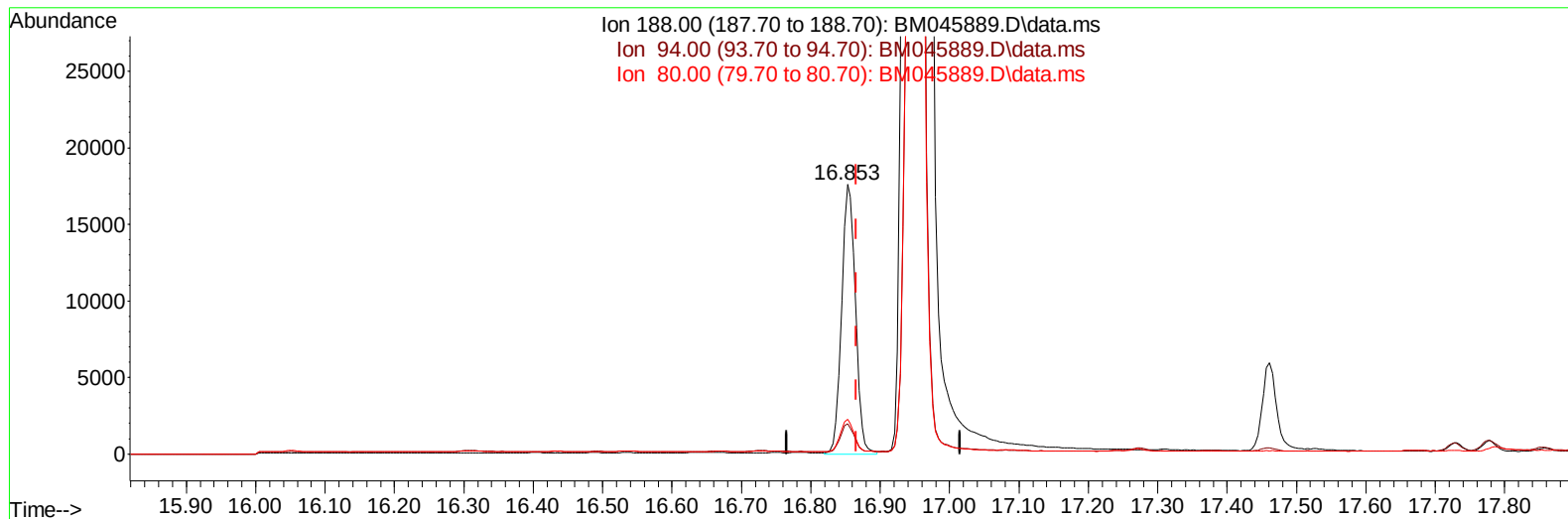
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(13) Phenanthrene-d10 (I)

16.853min (-0.013) 0.40 ng/ul m

response 24401

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.11
80.00	11.70	12.78
0.00	0.00	0.00

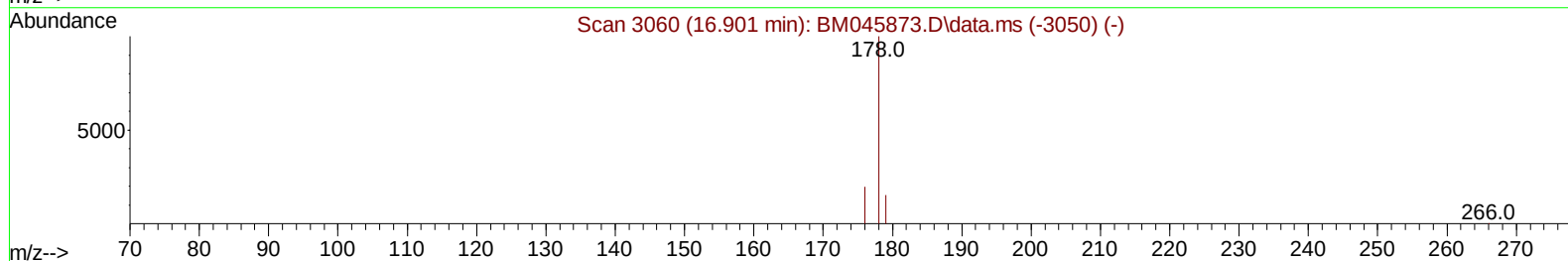
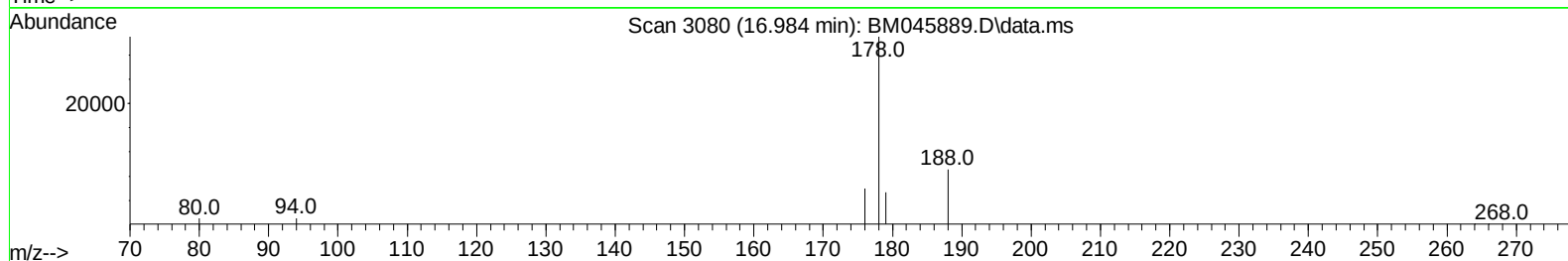
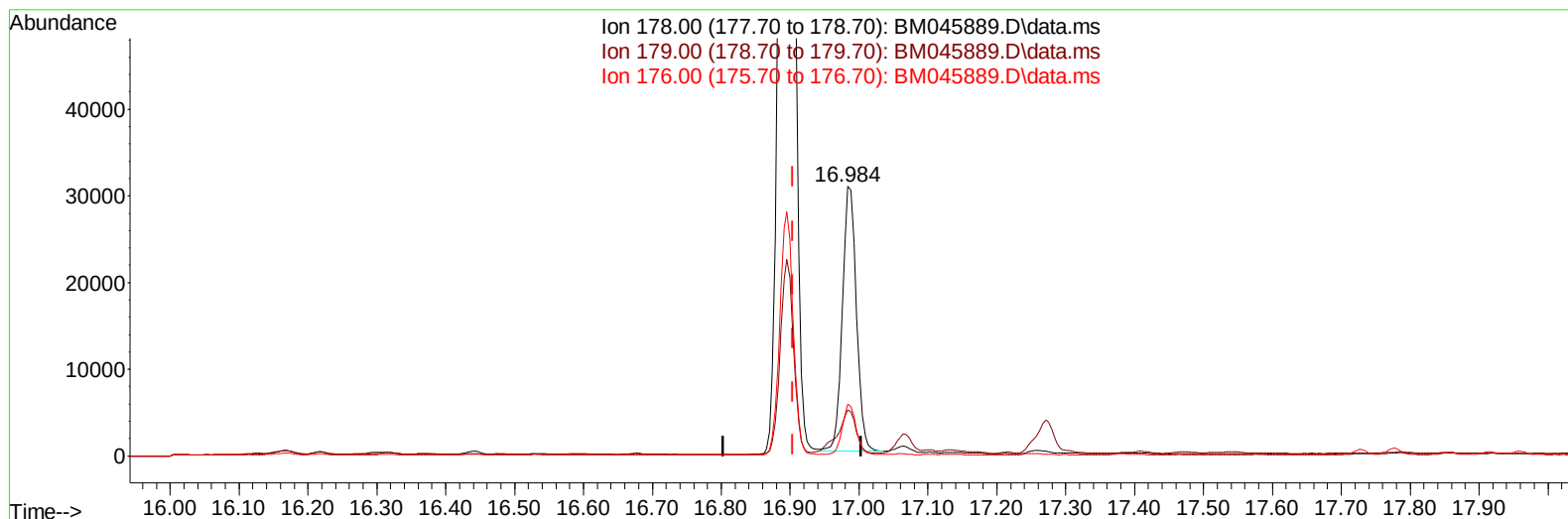
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(15) Phenanthrene

16.984min (+ 0.080) 0.63 ng/u1

response 43091

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	17.21
176.00	19.50	19.16
0.00	0.00	0.00

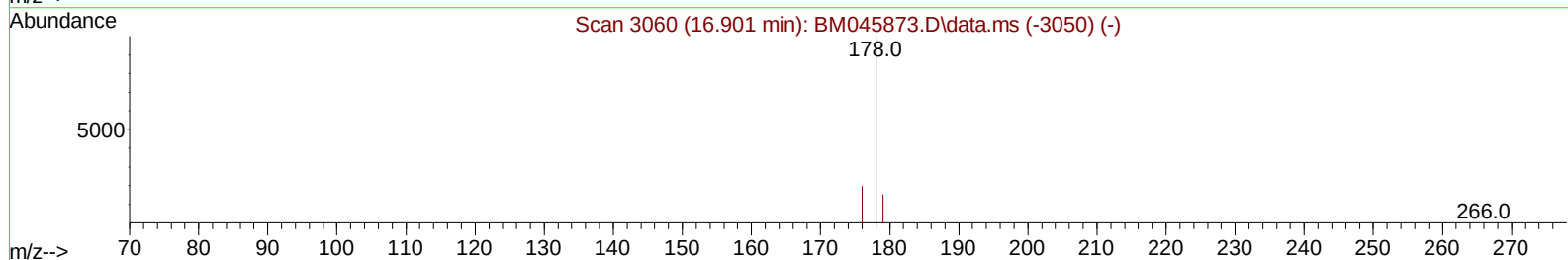
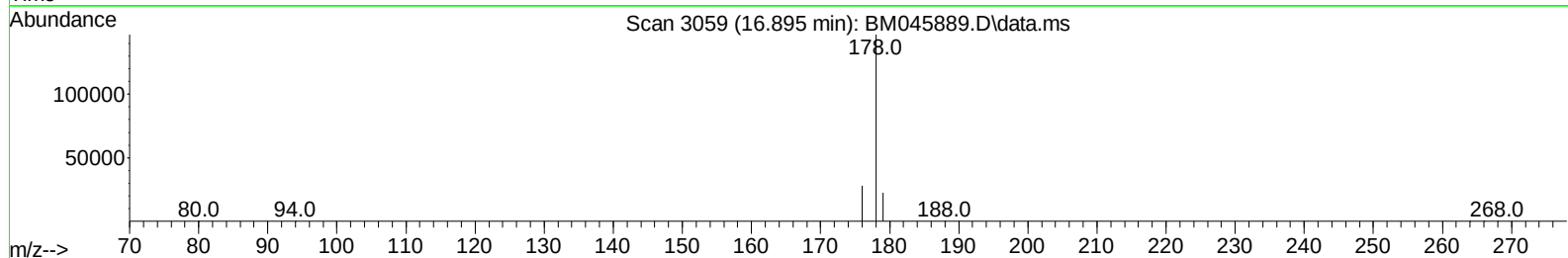
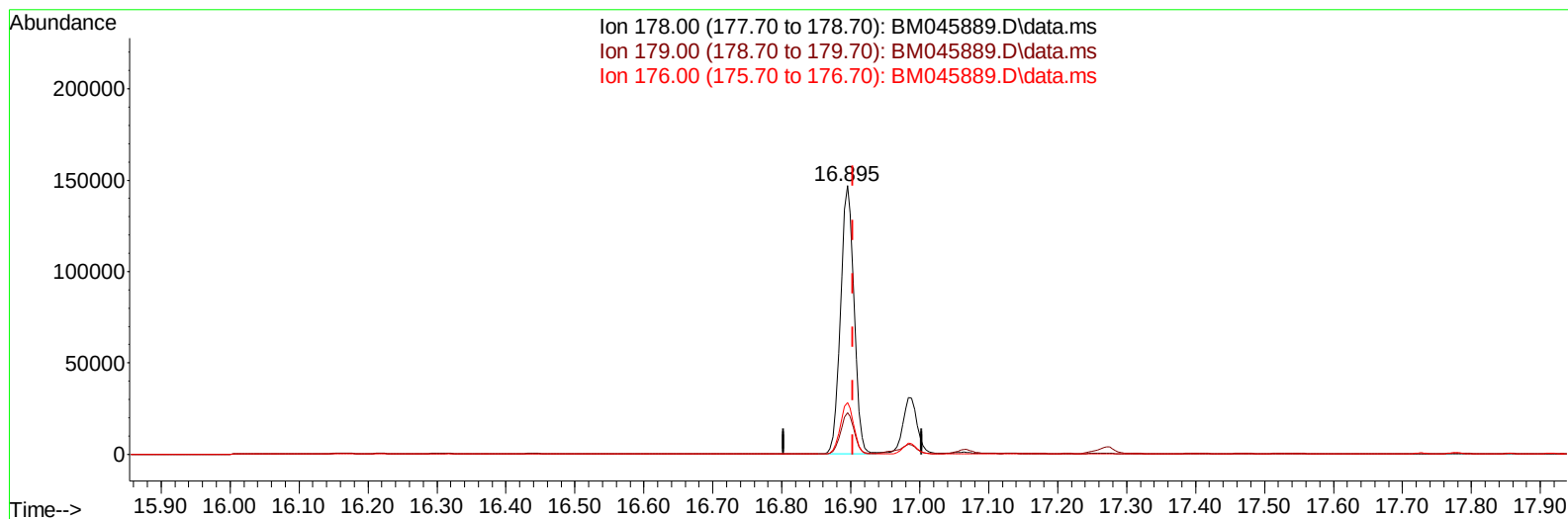
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 23:01:48 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



TIC: BM045889.D\data.ms

(15) Phenanthrene

16.895min (-0.008) 2.91 ng/ul m

response 199353

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.46
176.00	19.50	19.17
0.00	0.00	0.00

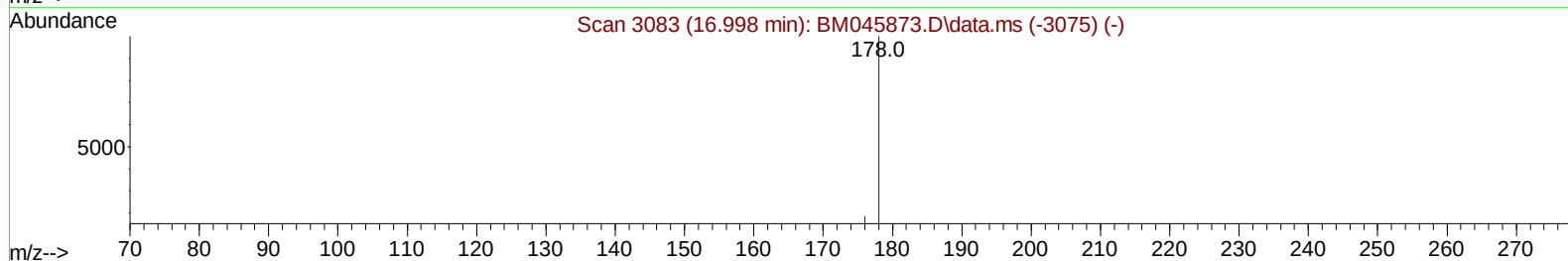
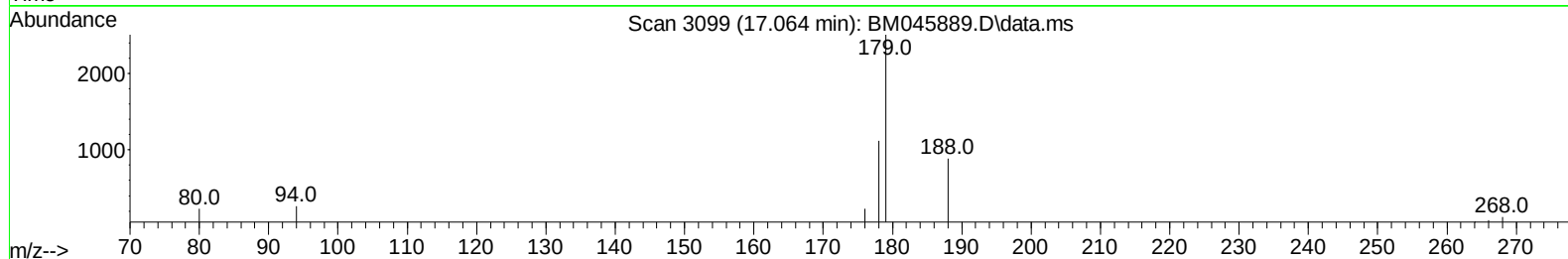
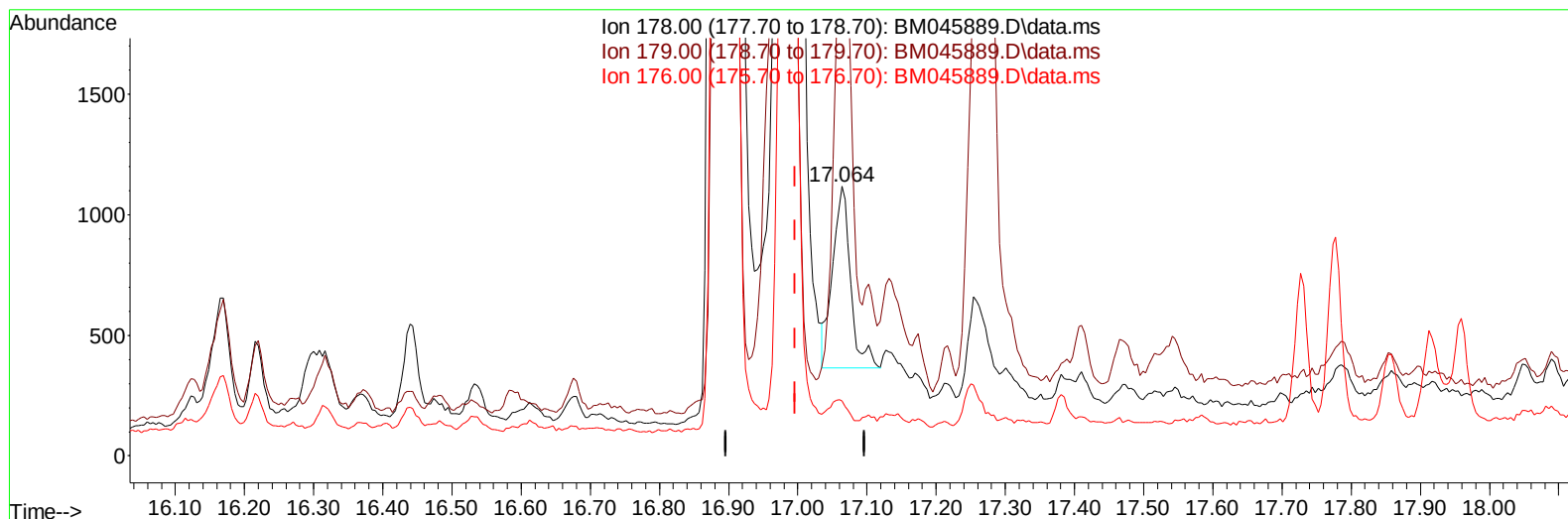
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(16) Anthracene

17.064min (+ 0.068) 0.02 ng/u1

response 1367

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	224.53#
176.00	19.40	20.50
0.00	0.00	0.00

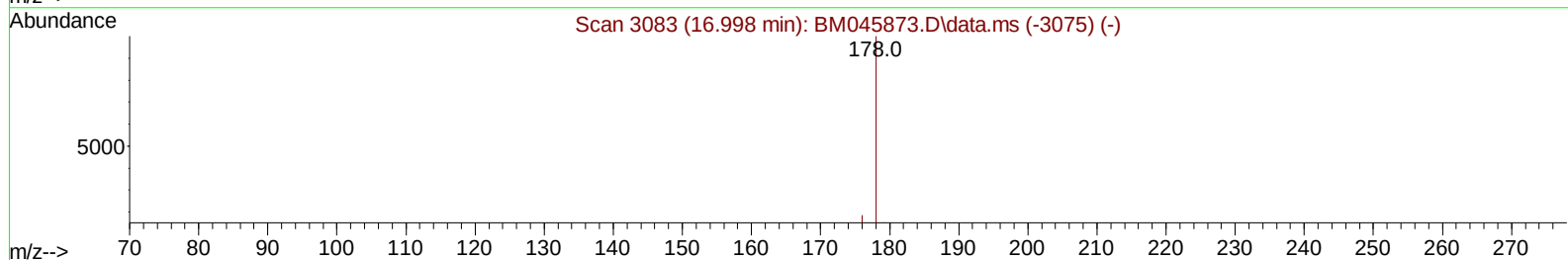
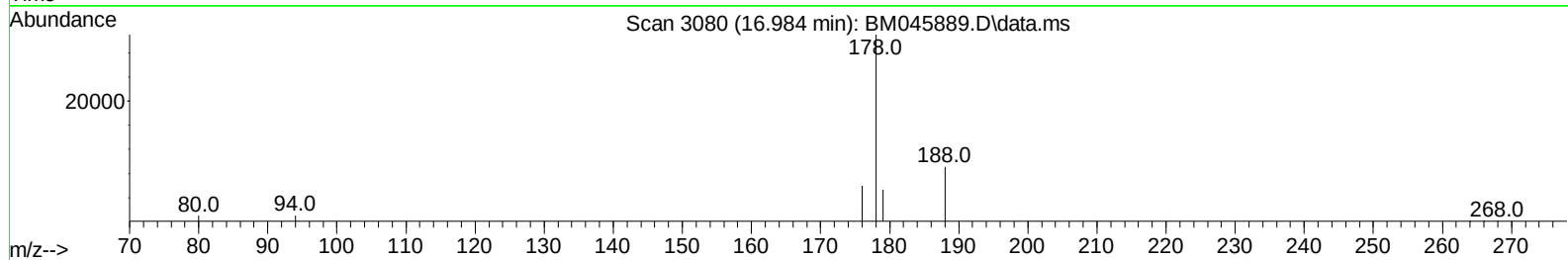
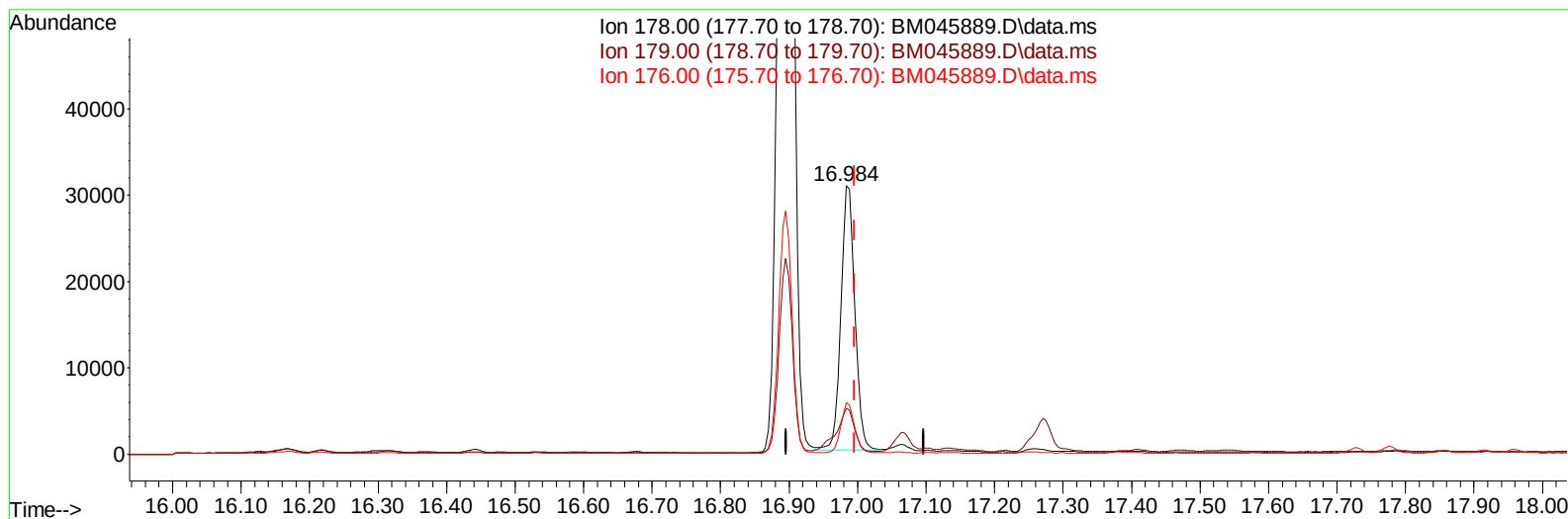
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(16) Anthracene

16.984min (-0.013) 0.74 ng/ul m

response 43355

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	17.21
176.00	19.40	19.16
0.00	0.00	0.00

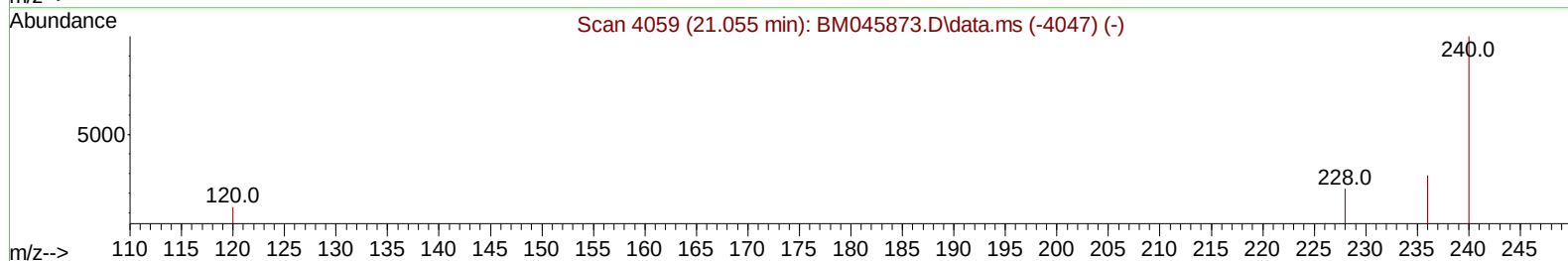
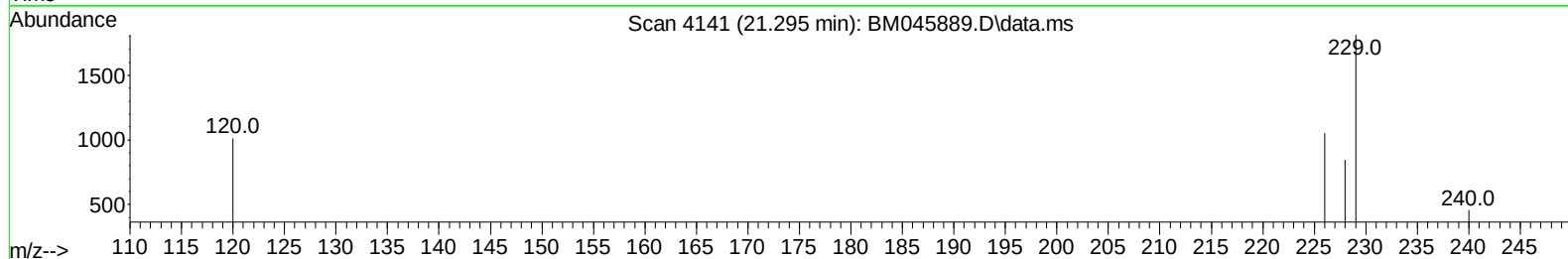
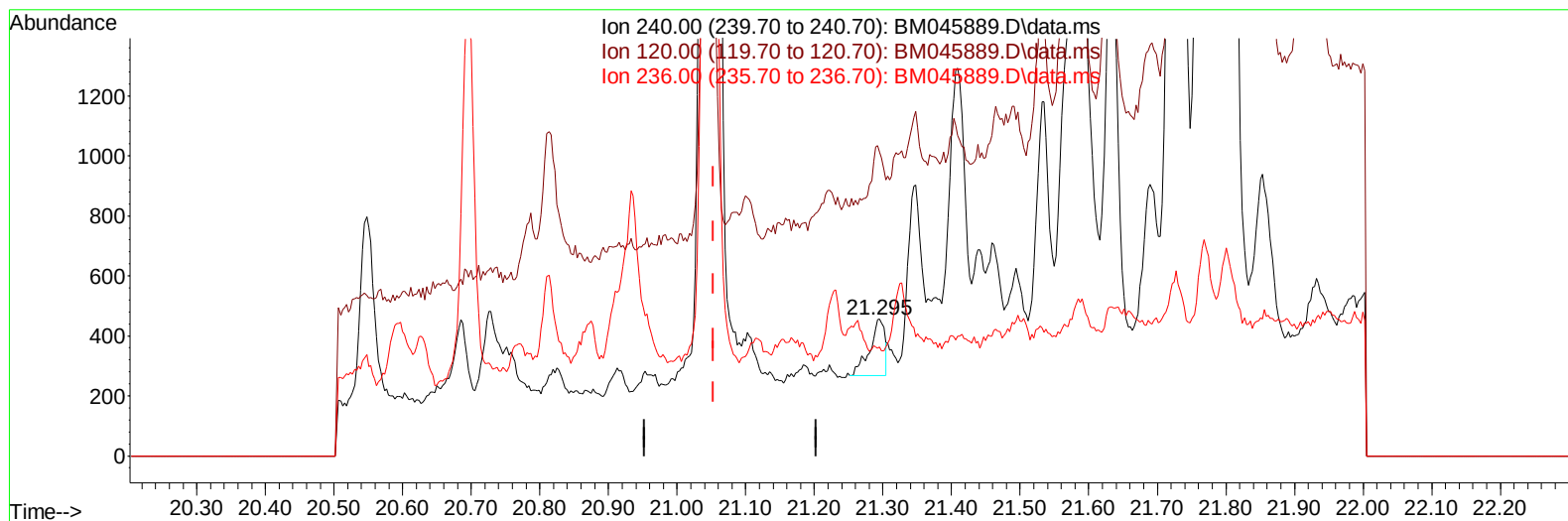
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(17) Chrysene-d12

21.295min (+ 0.243) 0.40 ng/u1

response 285

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	222.15#
236.00	29.50	79.61#
0.00	0.00	0.00

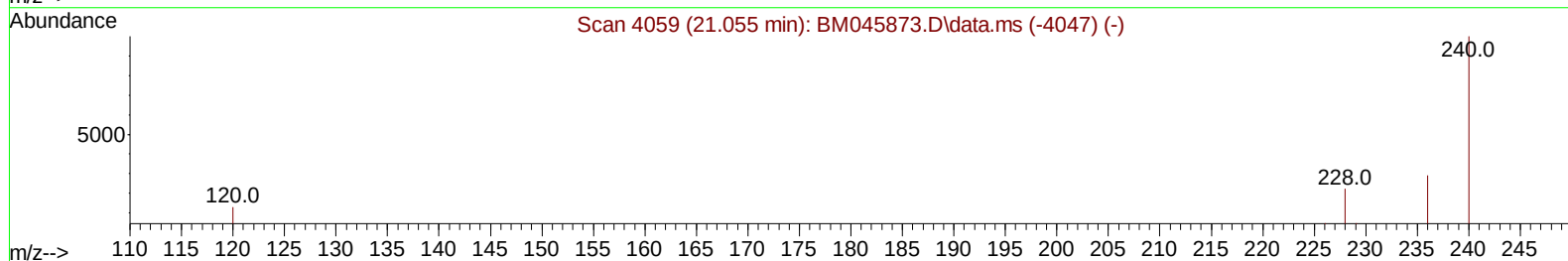
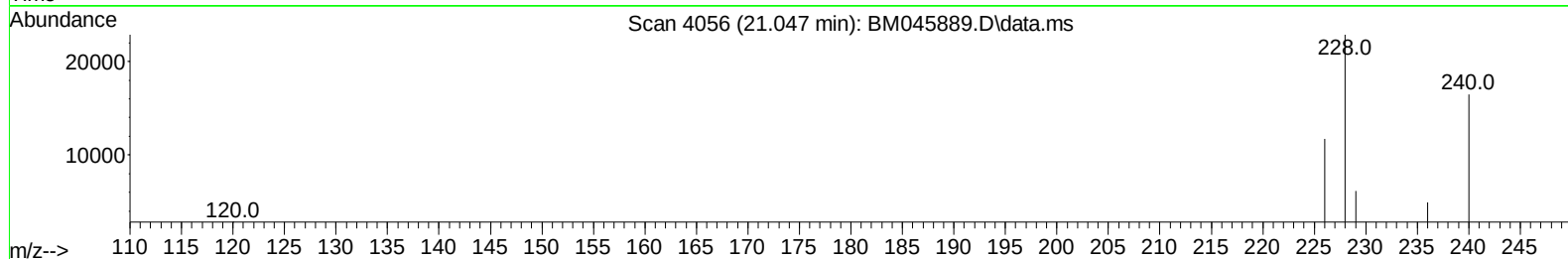
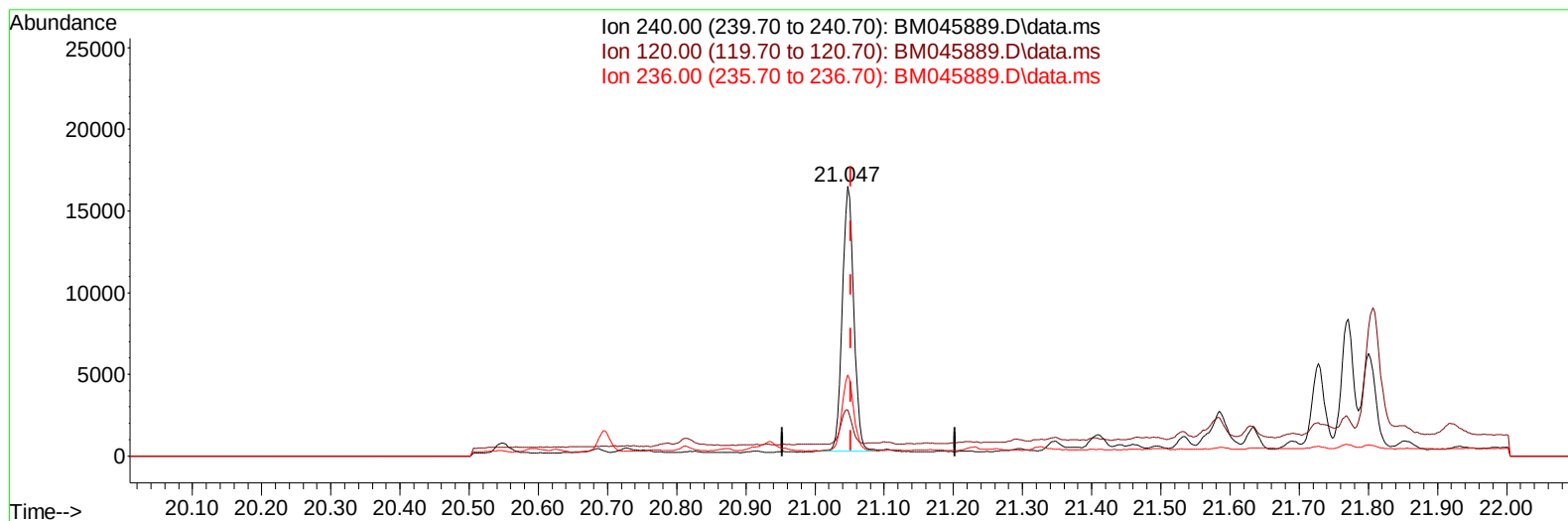
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(17) Chrysene-d12

21.047min (-0.006) 0.40 ng/ul m

response 18880

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	17.09
236.00	29.50	30.02
0.00	0.00	0.00

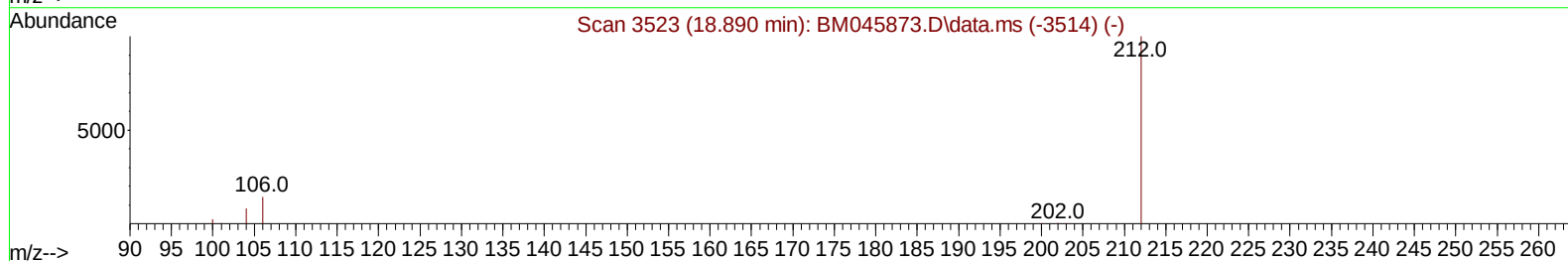
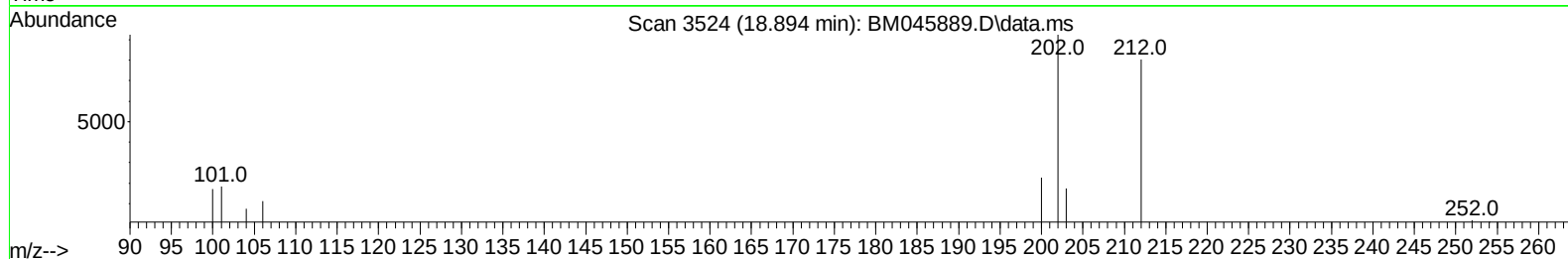
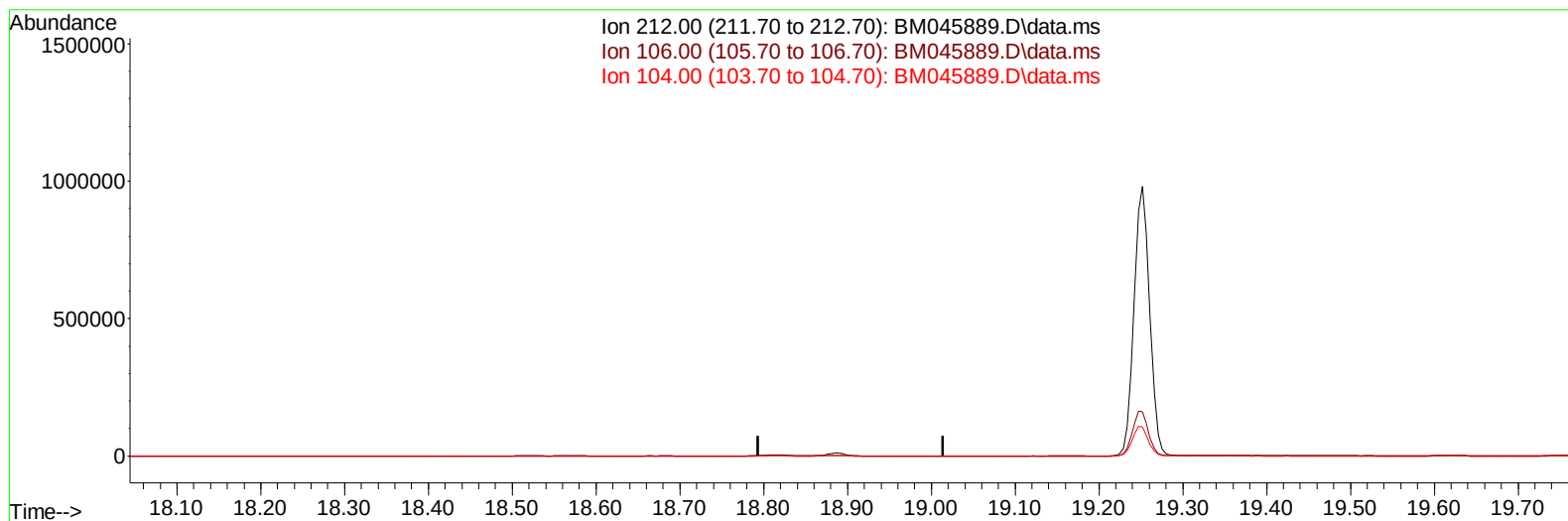
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.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

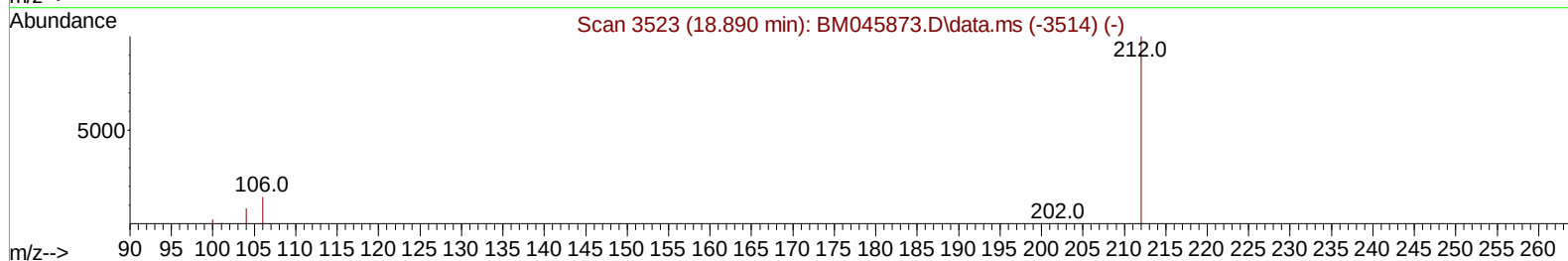
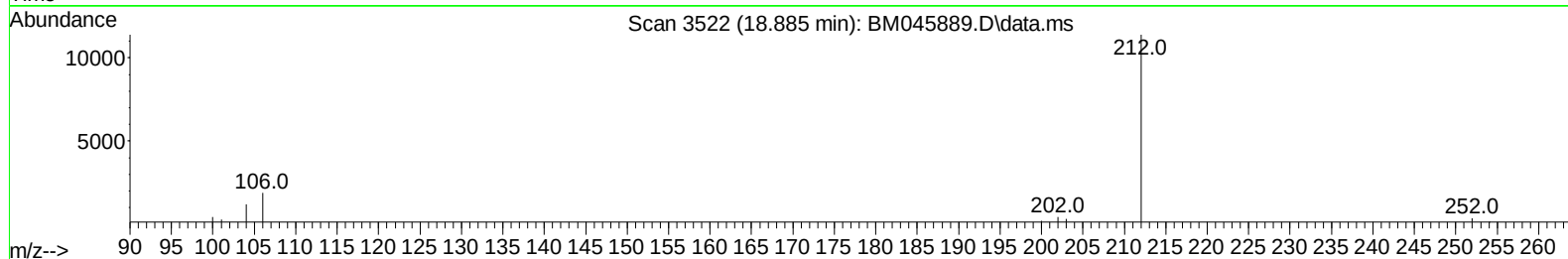
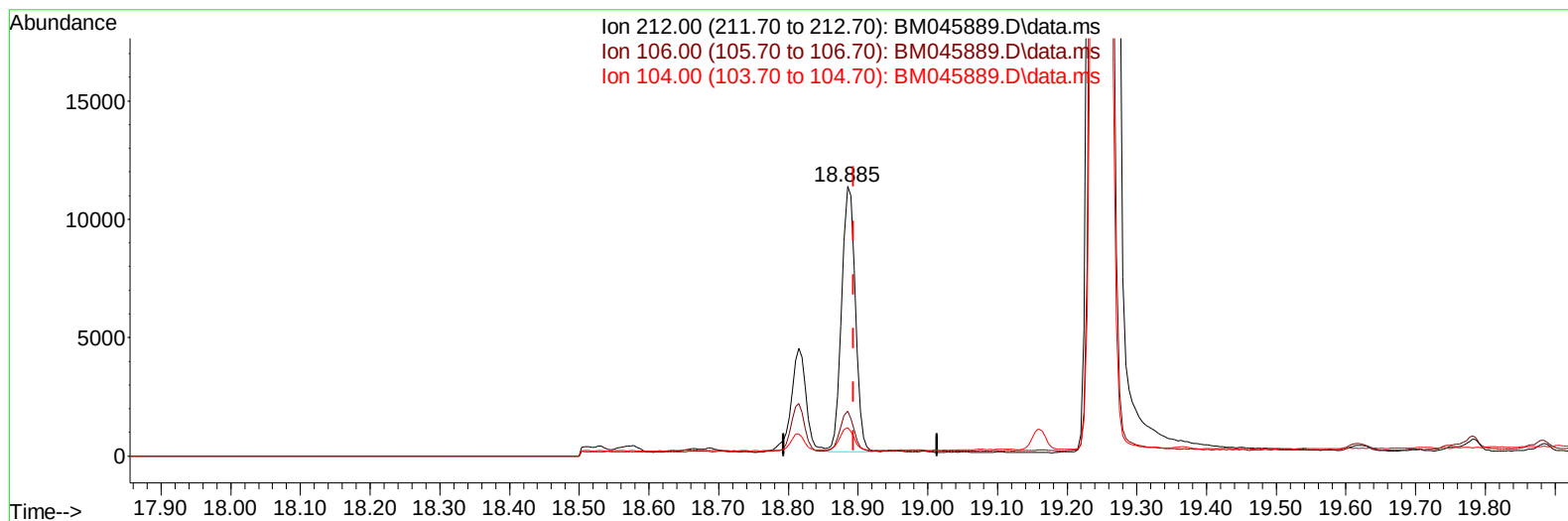
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.885min (-0.009) 0.27 ng/ul m

response 15115

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

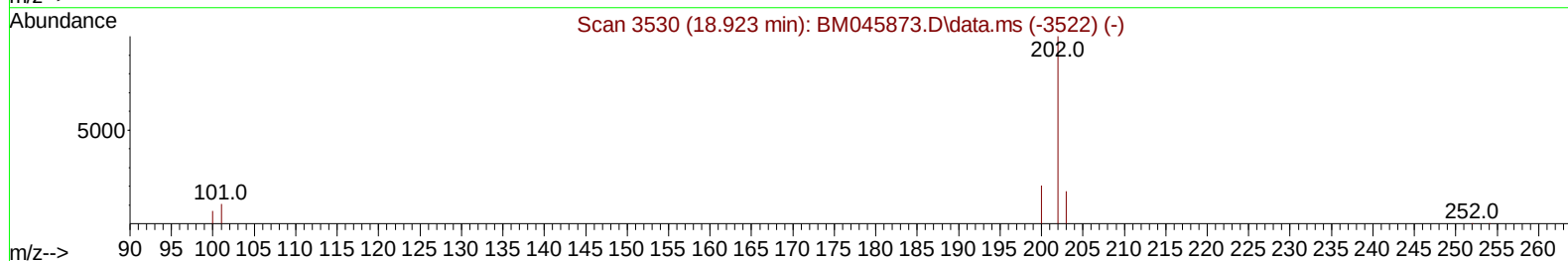
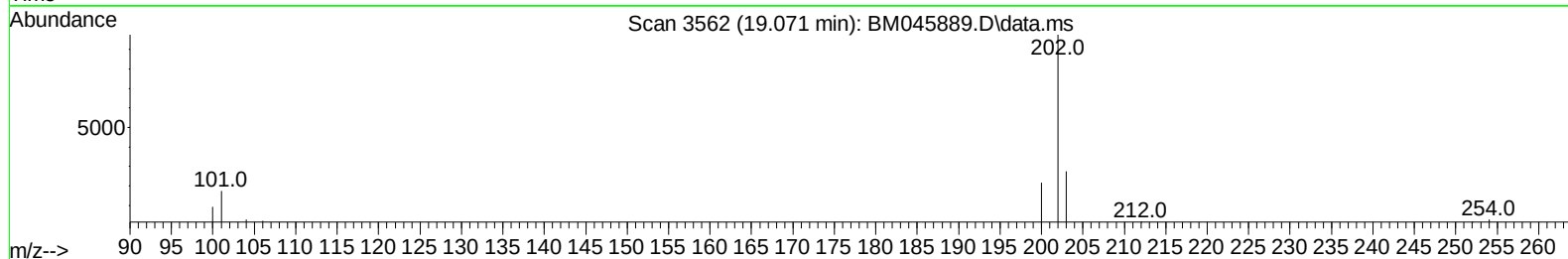
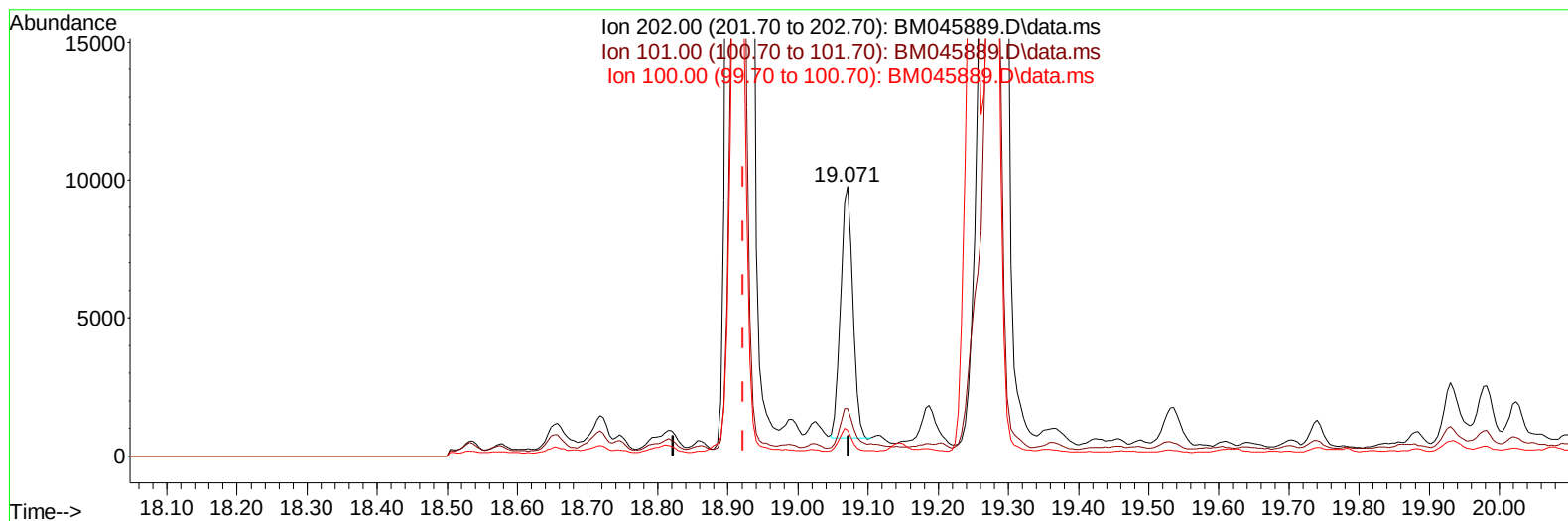
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(19) Fluoranthene (C)

19.071min (+ 0.149) 0.15 ng/u1

response 10983

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	17.68#
100.00	8.80	9.62
0.00	0.00	0.00

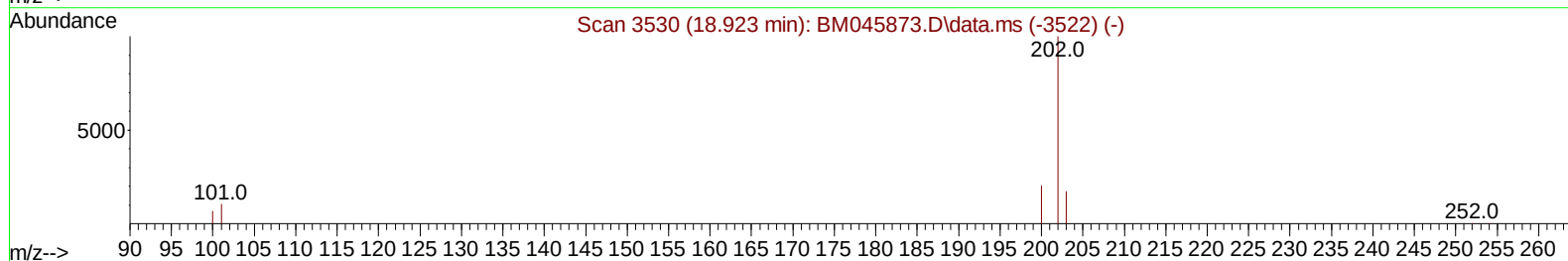
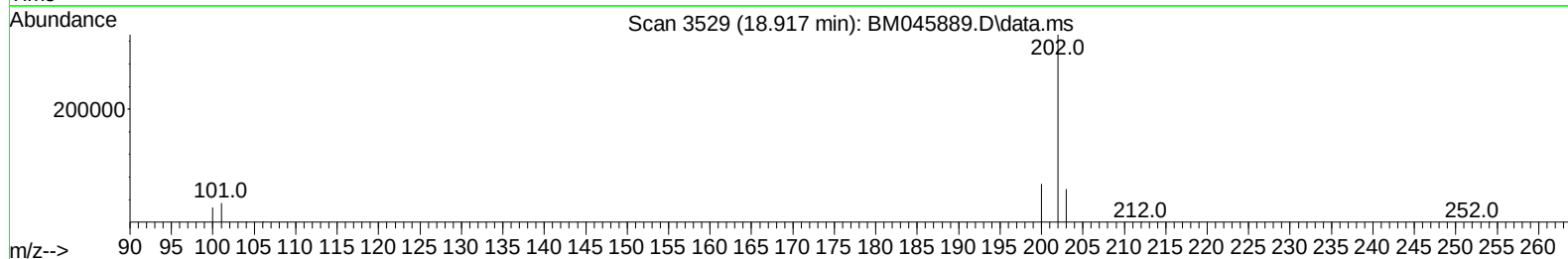
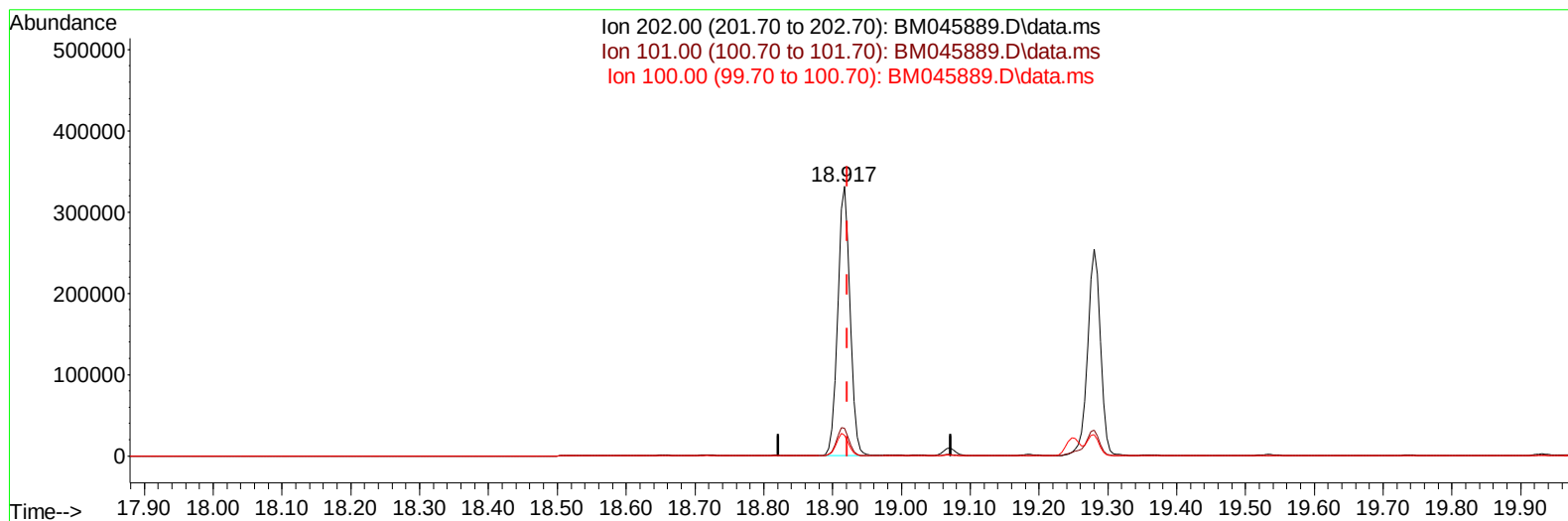
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(19) Fluoranthene (C)

18.917min (-0.005) 5.49 ng/uI m

response 413545

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	10.20
100.00	8.80	7.72
0.00	0.00	0.00

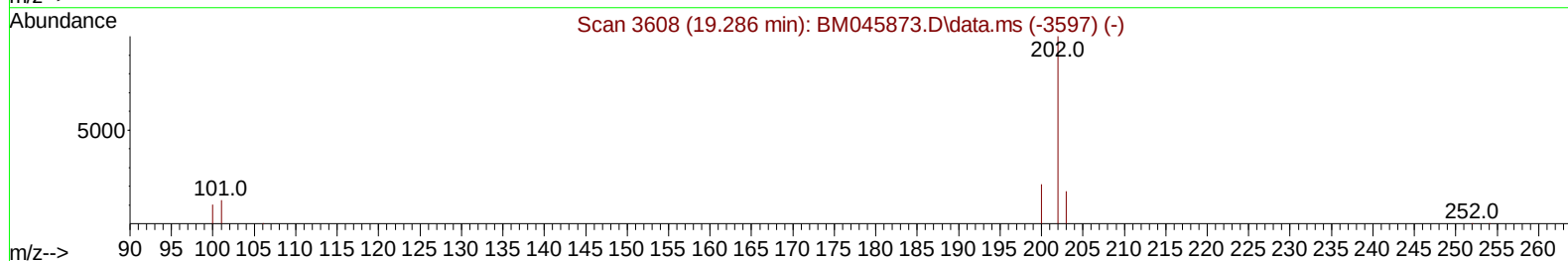
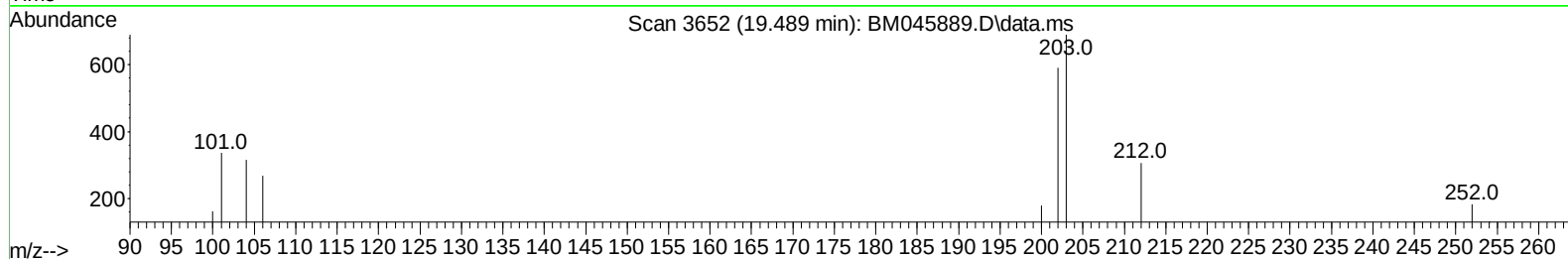
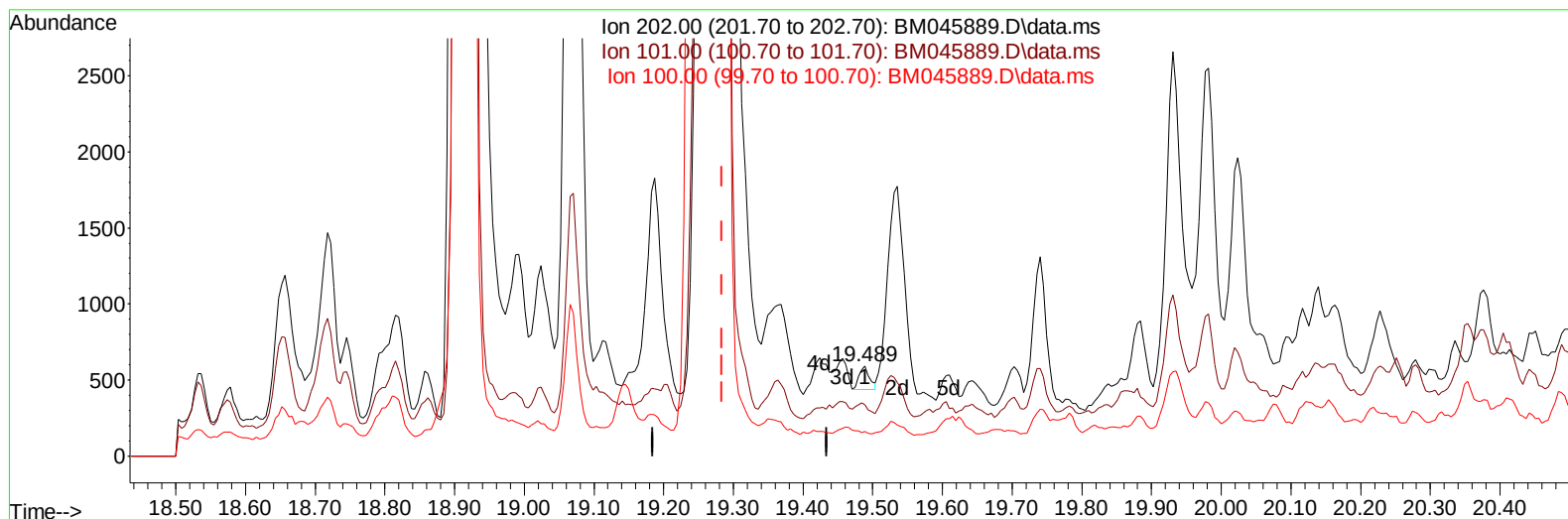
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(20) Pyrene

19.489min (+ 0.205) 0.00 ng/u1

response 157

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	56.95#
100.00	11.40	27.63#
0.00	0.00	0.00

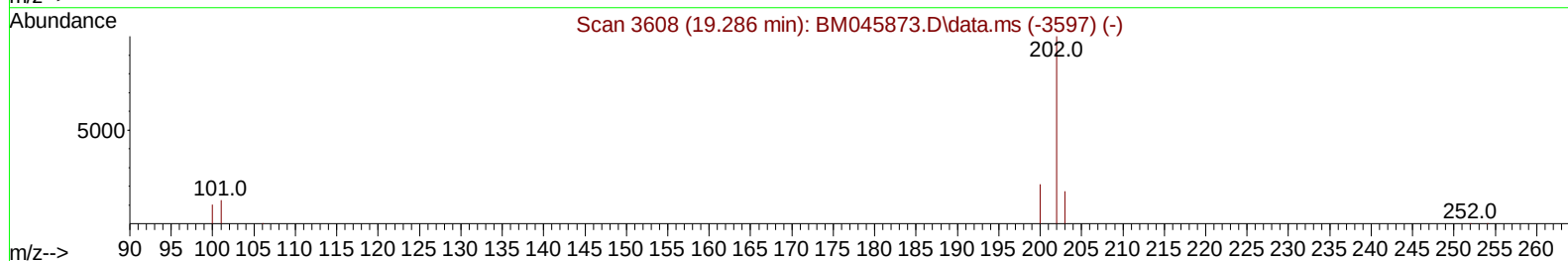
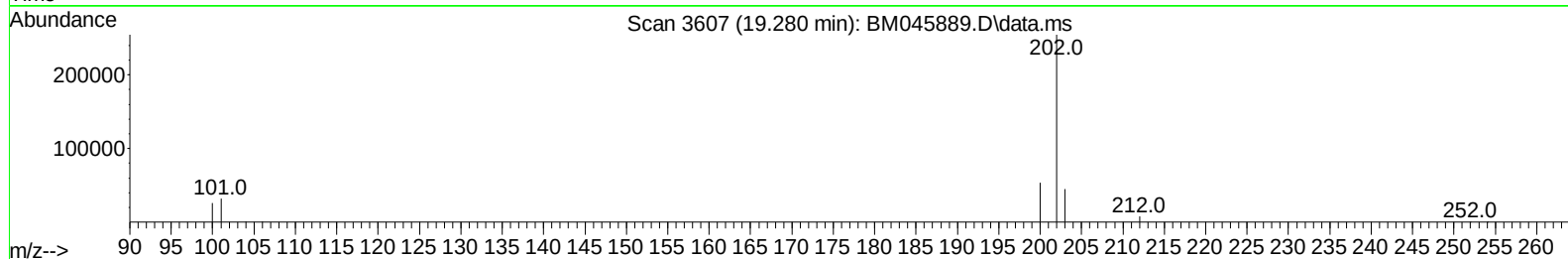
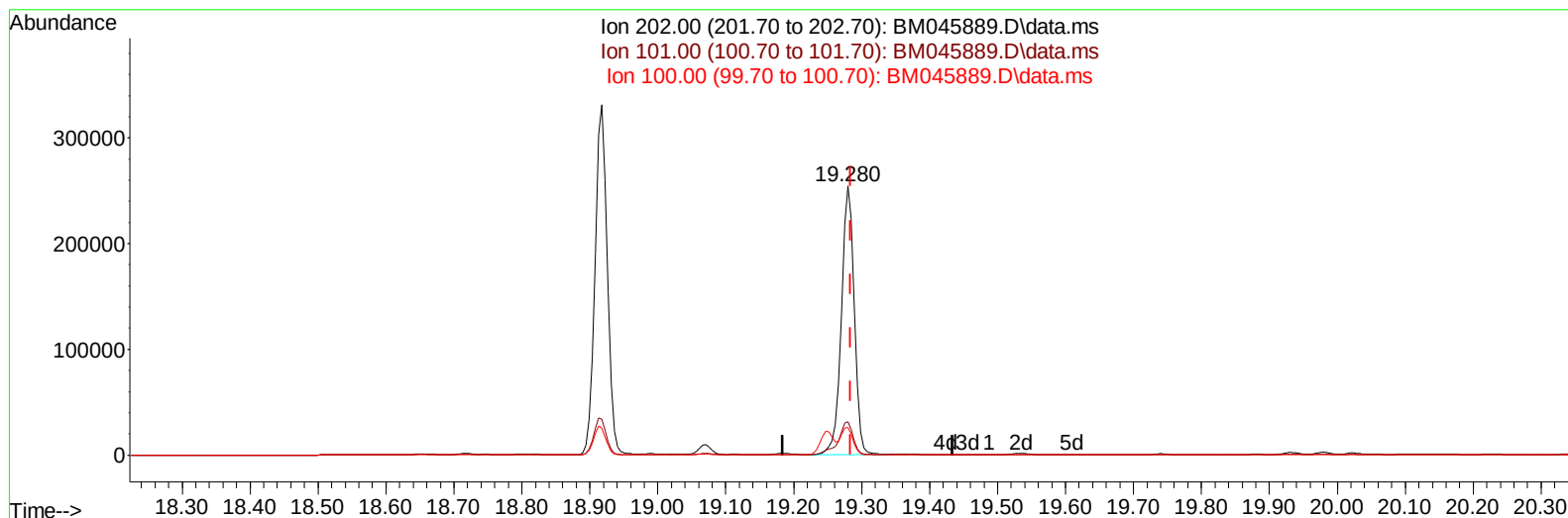
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(20) Pyrene

19.280min (-0.005) 4.24 ng/ul m

response 333226

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	12.44
100.00	11.40	10.32
0.00	0.00	0.00

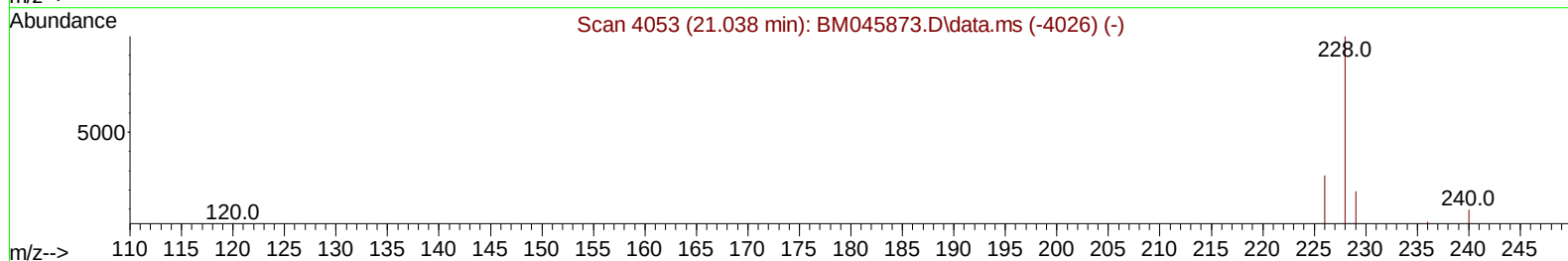
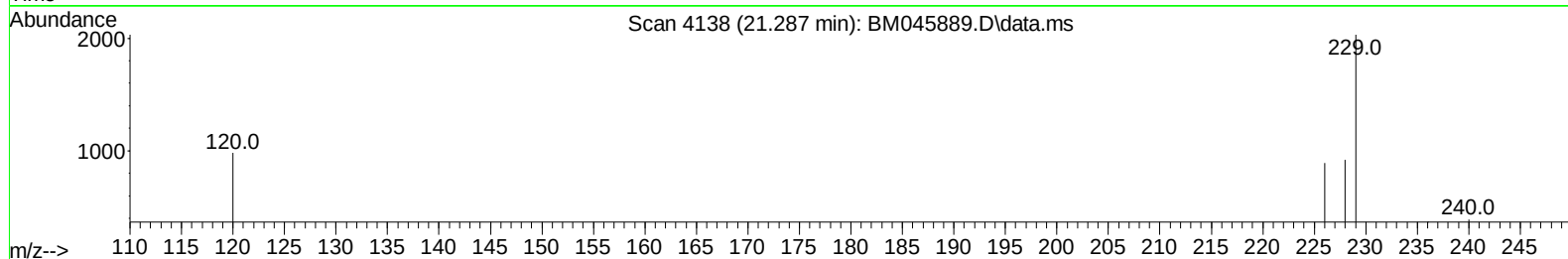
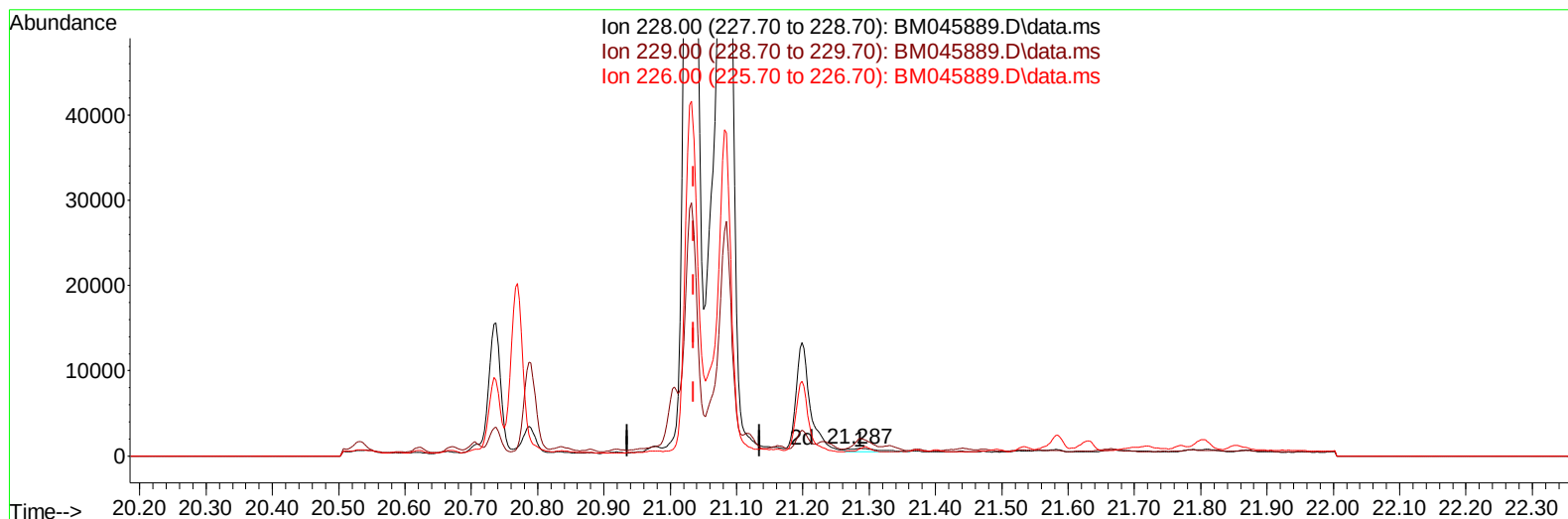
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(21) Benzo(a)anthracene

21.287min (+ 0.251) 0.02 ng/u1

response 1066

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	220.52#
226.00	27.50	96.85#
0.00	0.00	0.00

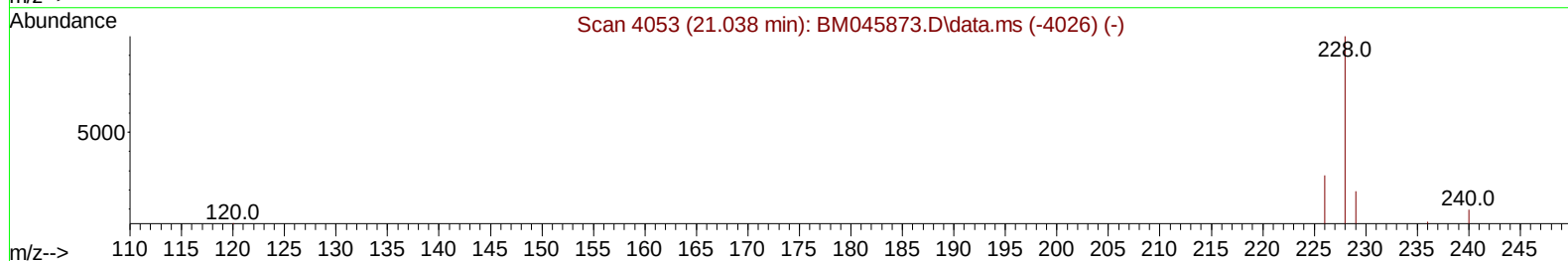
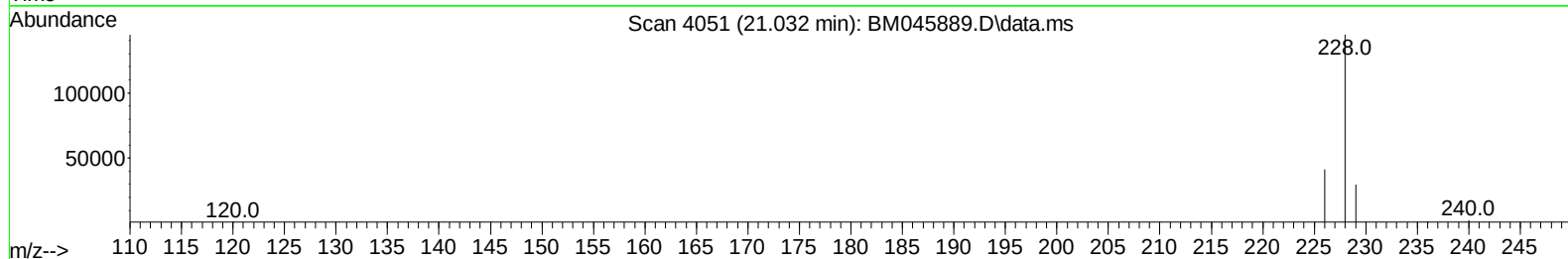
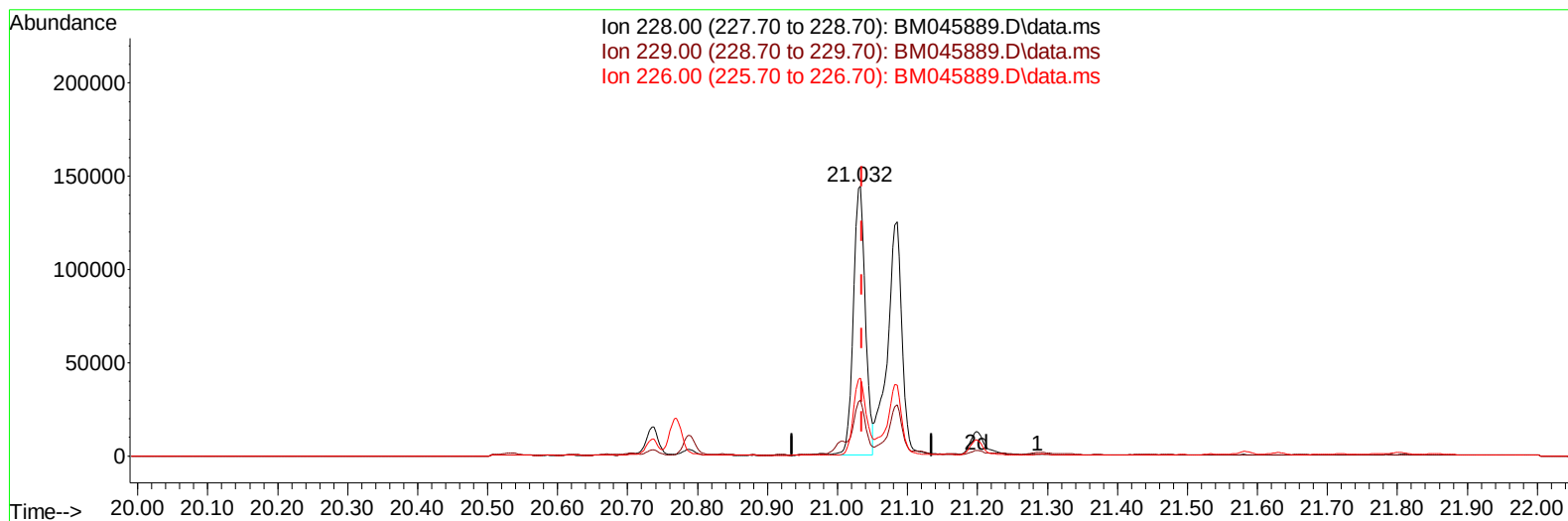
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045889.D
 Acq On : 07 Jun 2024 20:30
 Operator : MA/JU
 Sample : P2586-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(21) Benzo(a)anthracene

21.032min (-0.003) 2.48 ng/ul m

response 171903

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.57
226.00	27.50	28.82
0.00	0.00	0.00

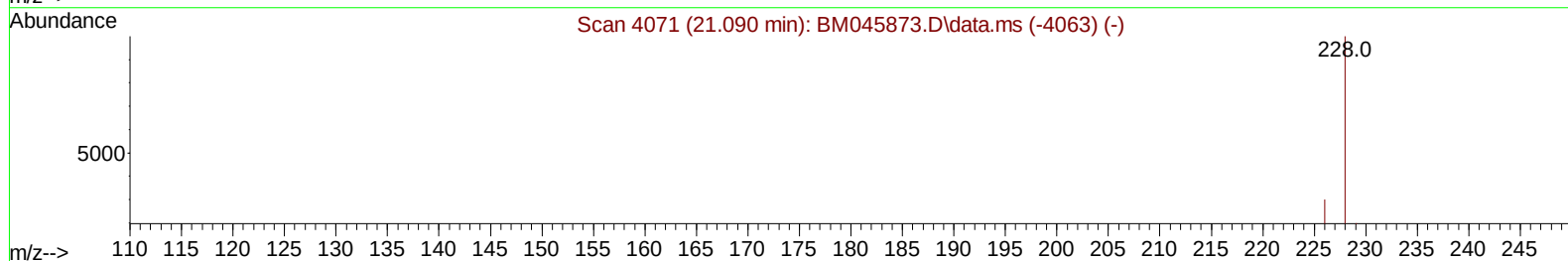
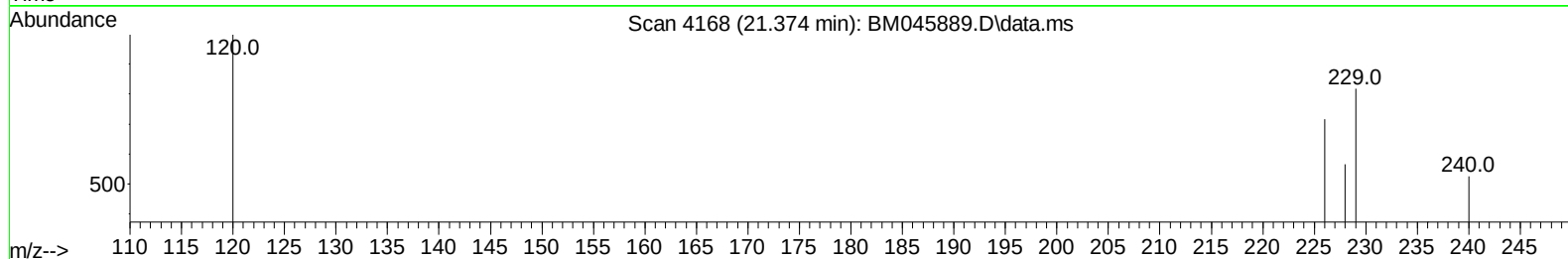
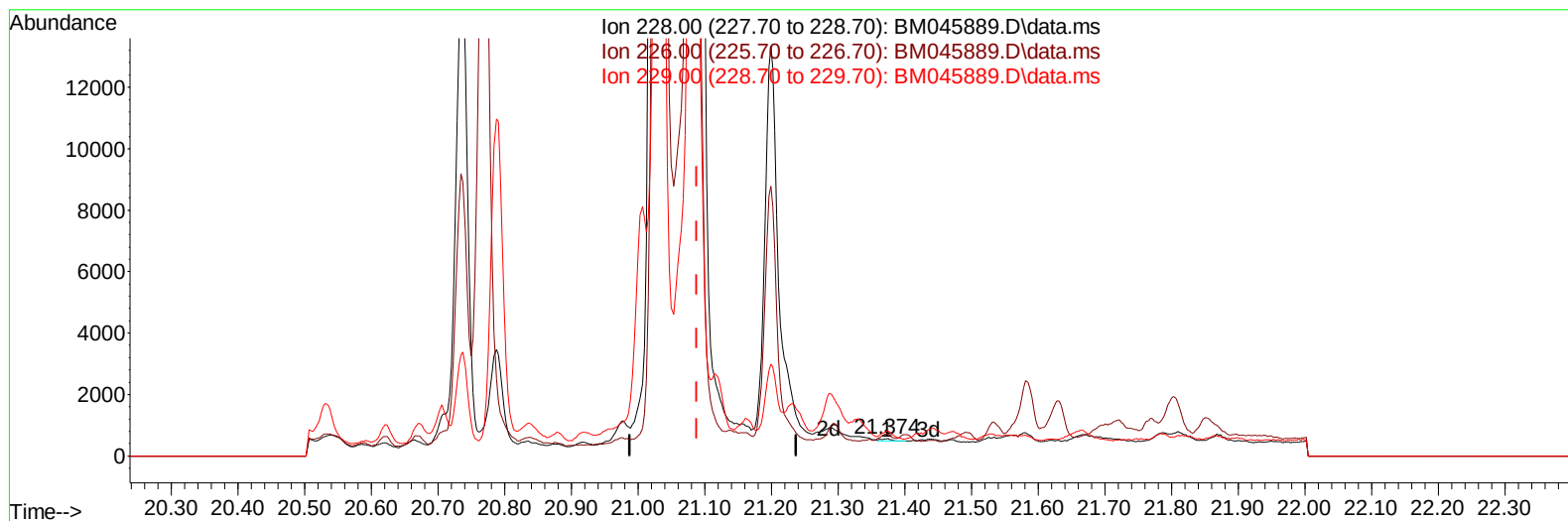
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(22) Chrysene

21.374min (+ 0.286) 0.00 ng/u1

response 90

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	126.73#
229.00	20.20	144.60#
0.00	0.00	0.00

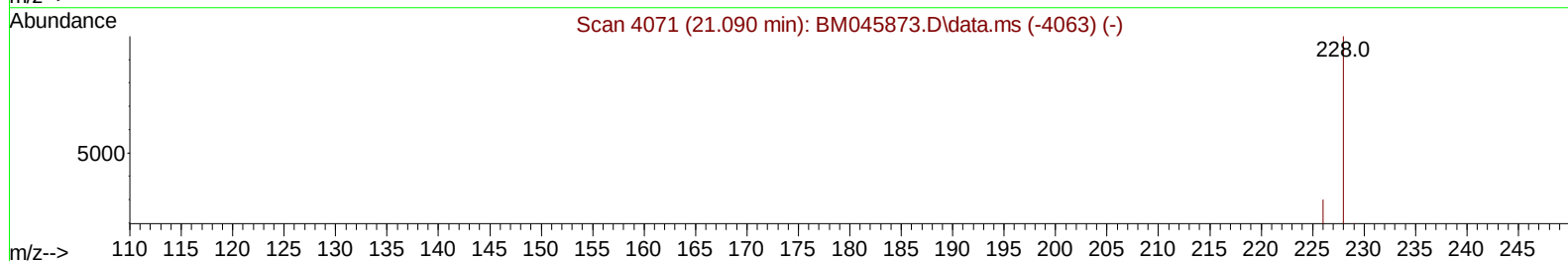
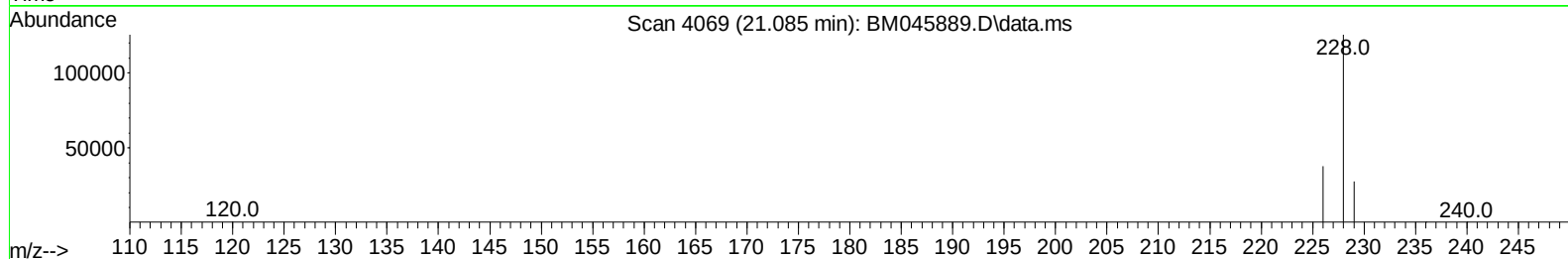
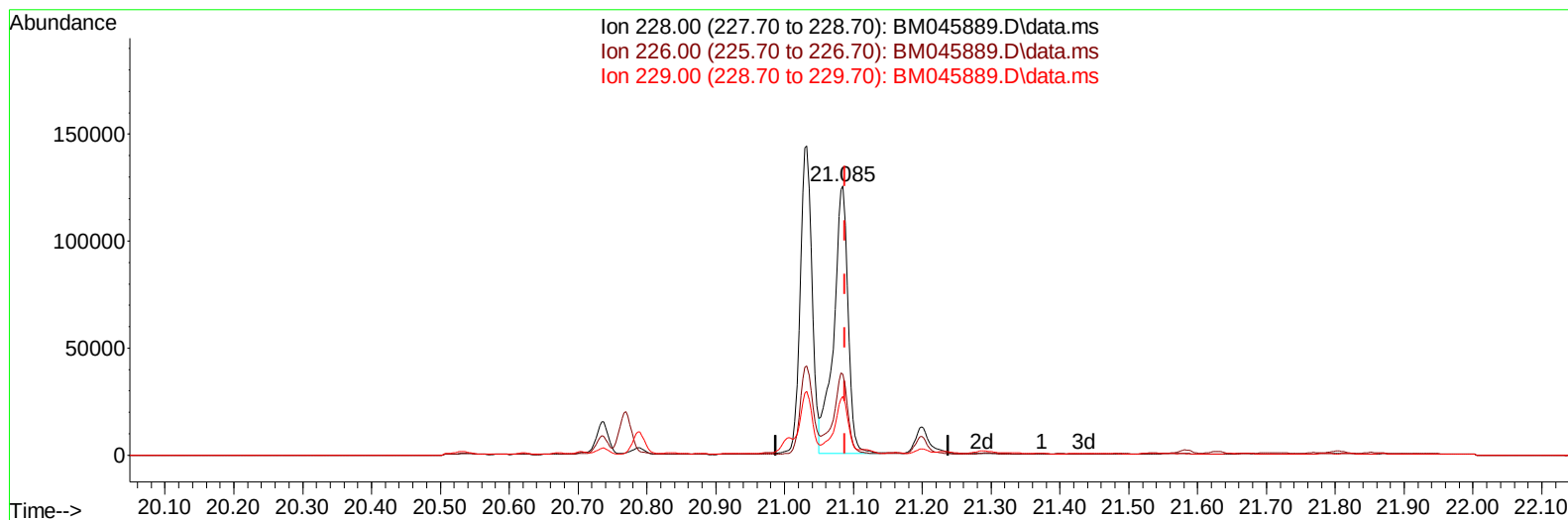
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(22) Chrysene

21.085min (-0.003) 2.41 ng/ul m

response 182192

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	30.14
229.00	20.20	21.91
0.00	0.00	0.00

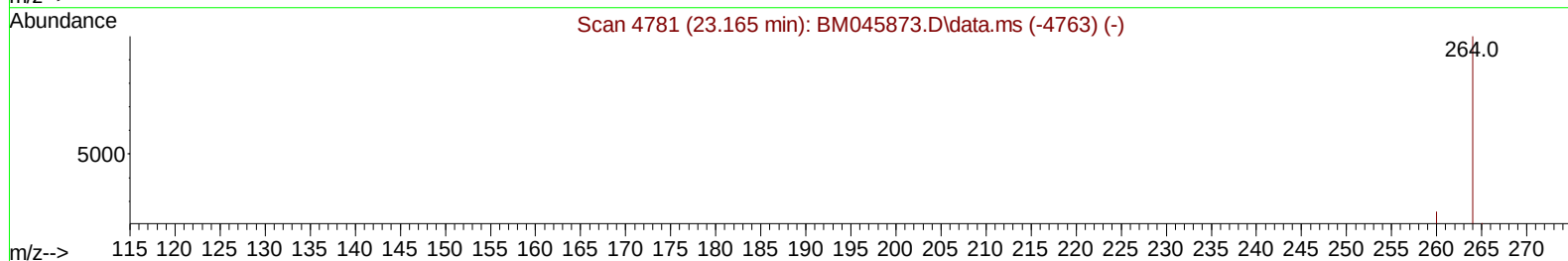
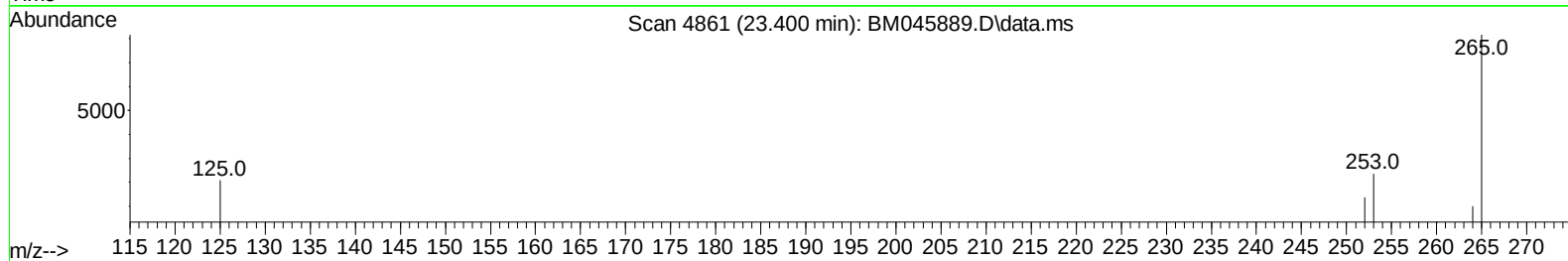
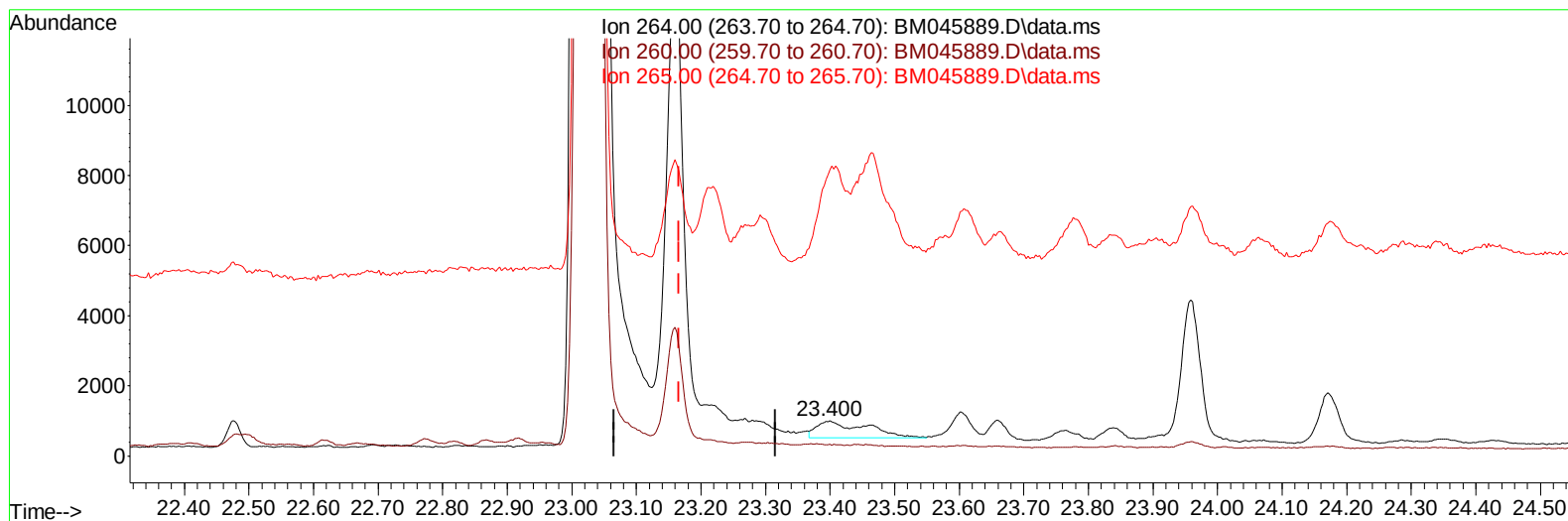
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(23) Perylene-d12 (I)

23.400min (+ 0.234) 0.40 ng/u1

response 2574

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	33.43#
265.00	76.60	817.52#
0.00	0.00	0.00

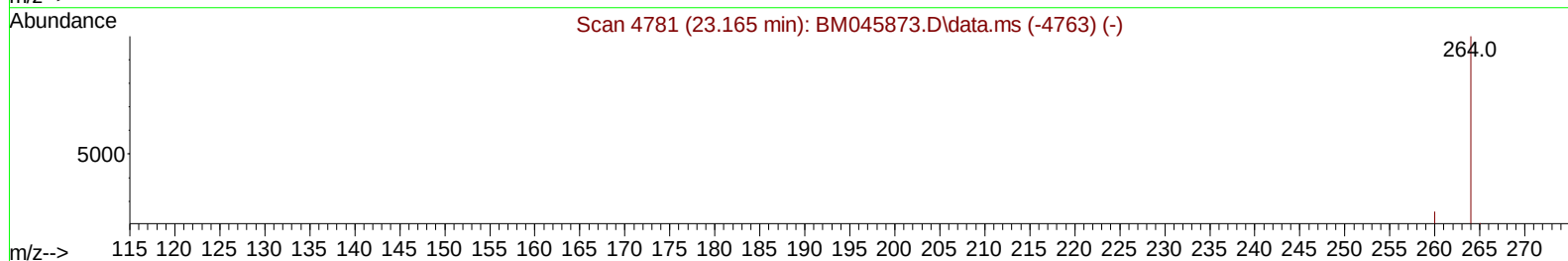
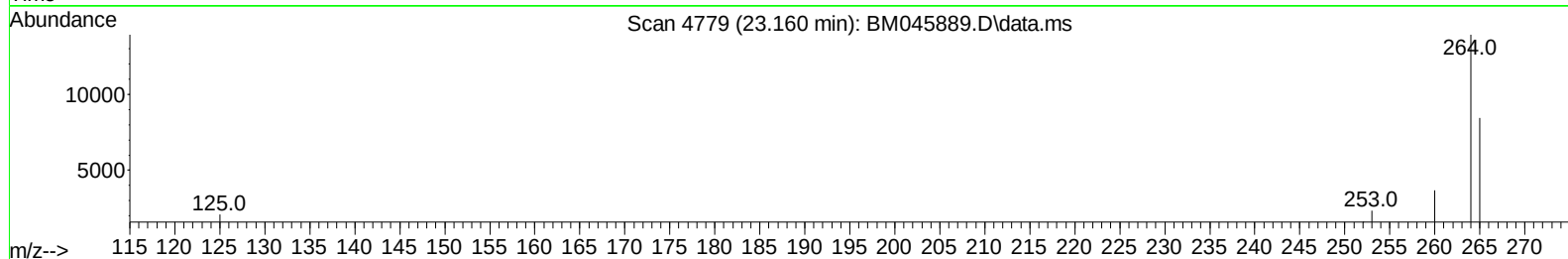
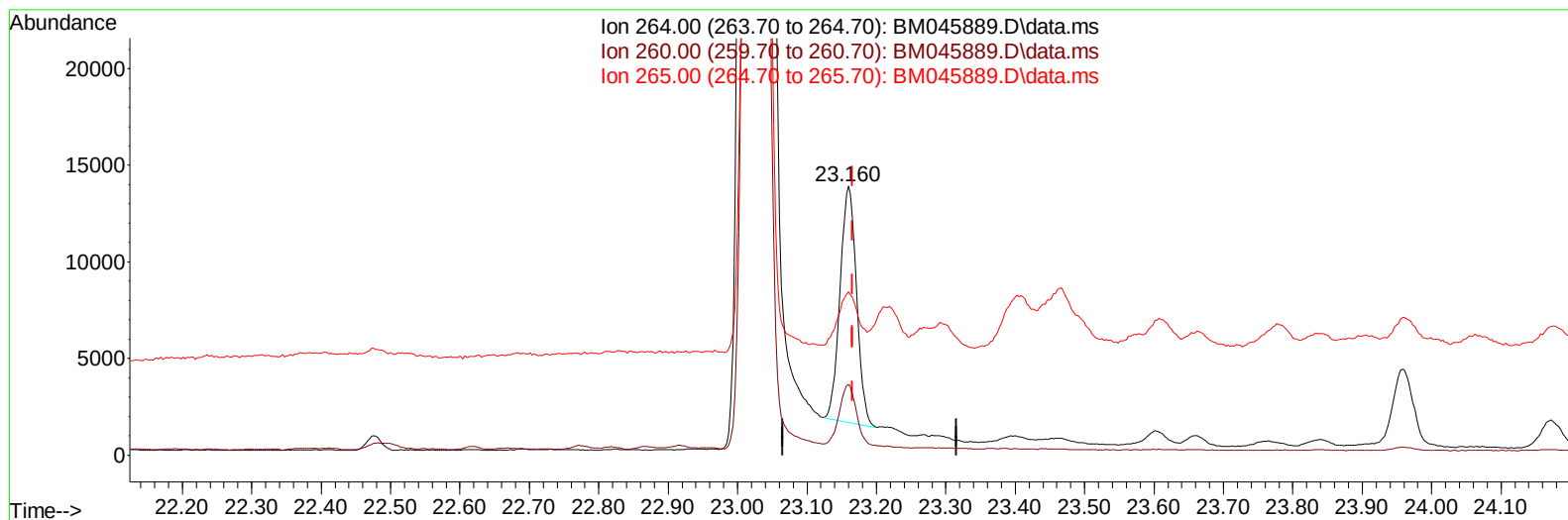
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045889.D
 Acq On : 07 Jun 2024 20:30
 Operator : MA/JU
 Sample : P2586-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(23) Perylene-d12 (I)

23.160min (-0.006) 0.40 ng/ul m

response 20179

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	26.35
265.00	76.60	60.76#
0.00	0.00	0.00

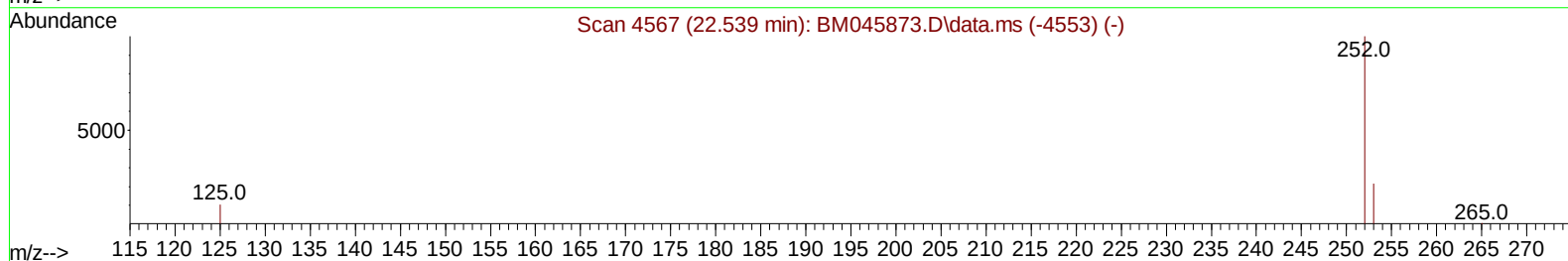
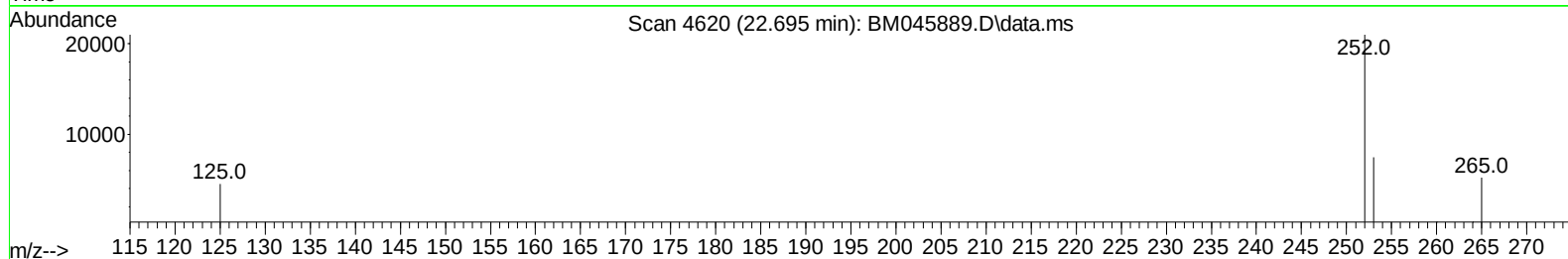
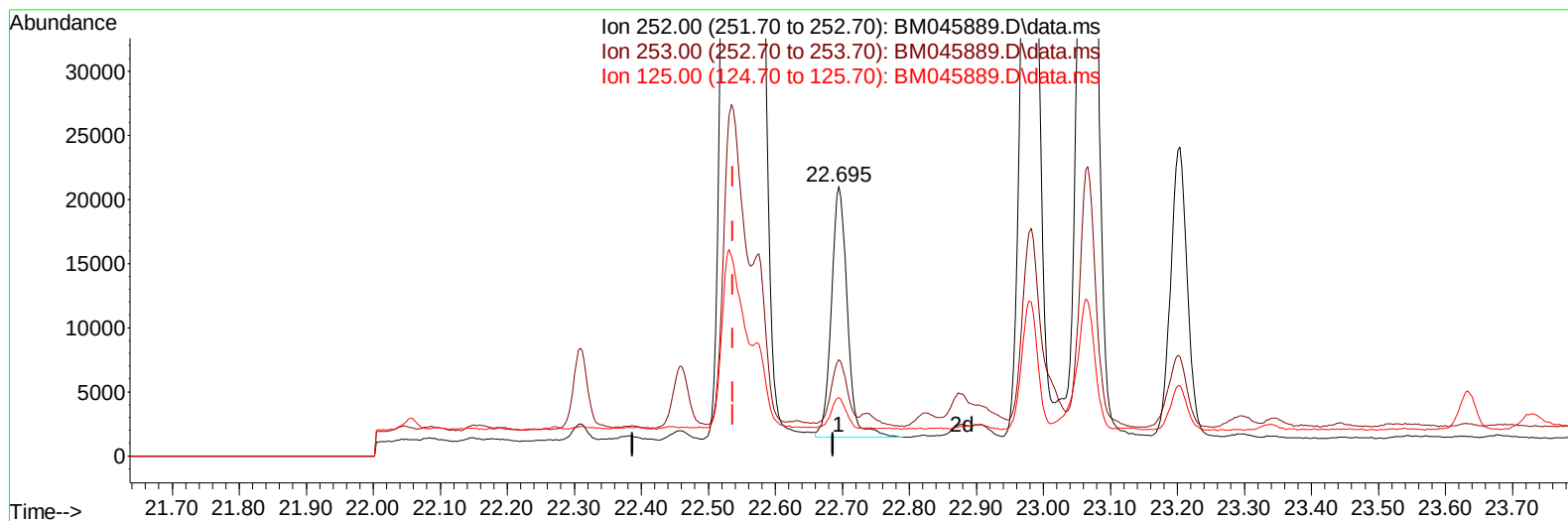
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(24) Benzo(b)fluoranthene

22.695min (+ 0.158) 0.48 ng/u1

response 32456

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	35.72
125.00	17.90	21.57
0.00	0.00	0.00

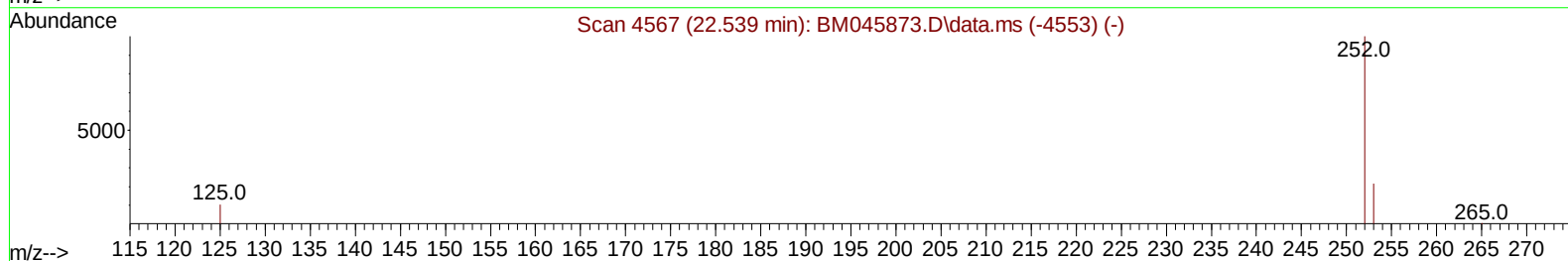
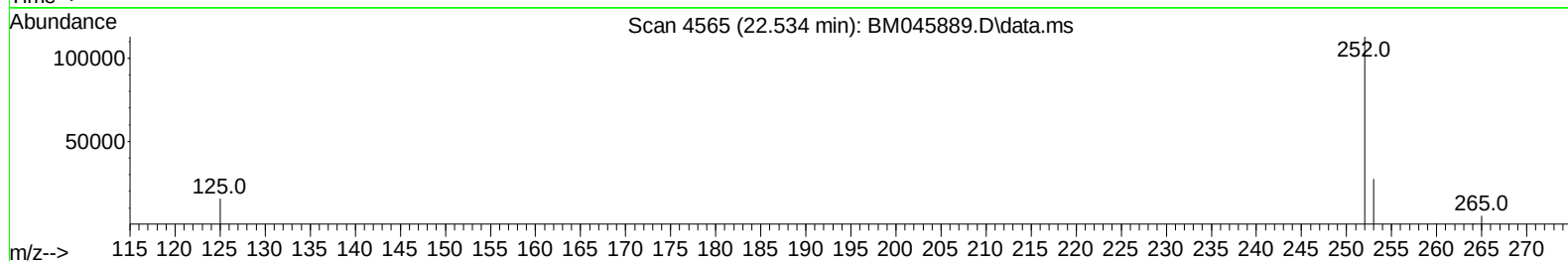
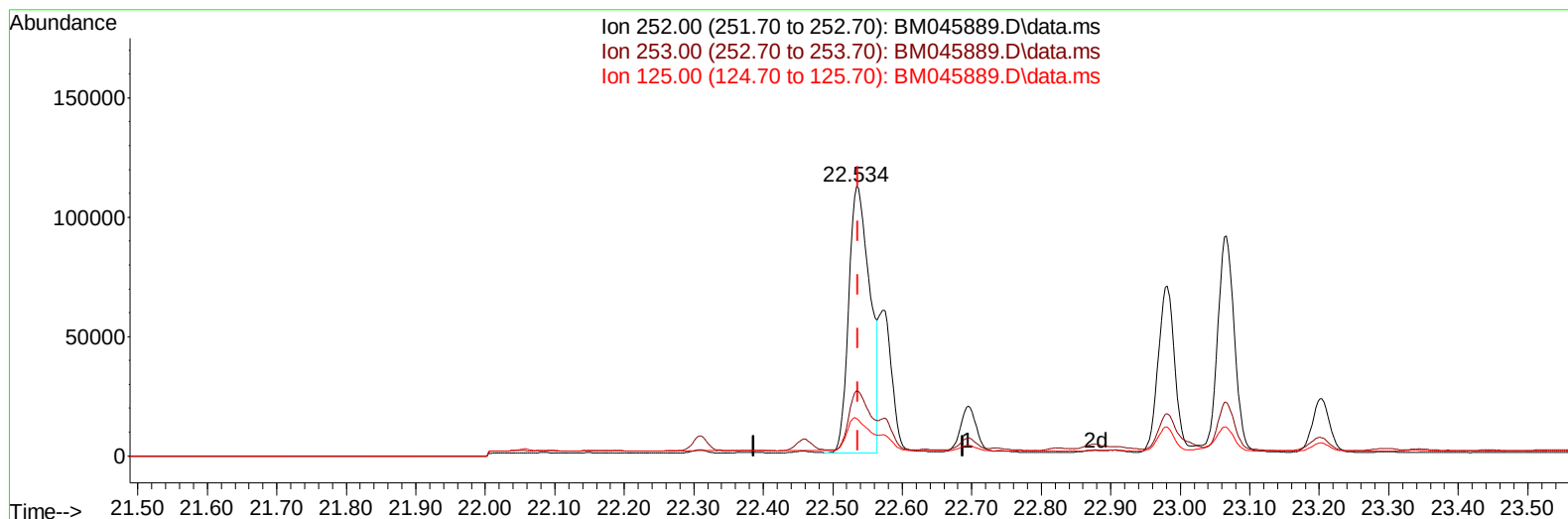
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(24) Benzo(b)fluoranthene

22.534min (-0.003) 3.54 ng/ul m

response 237165

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	24.27
125.00	17.90	13.81
0.00	0.00	0.00

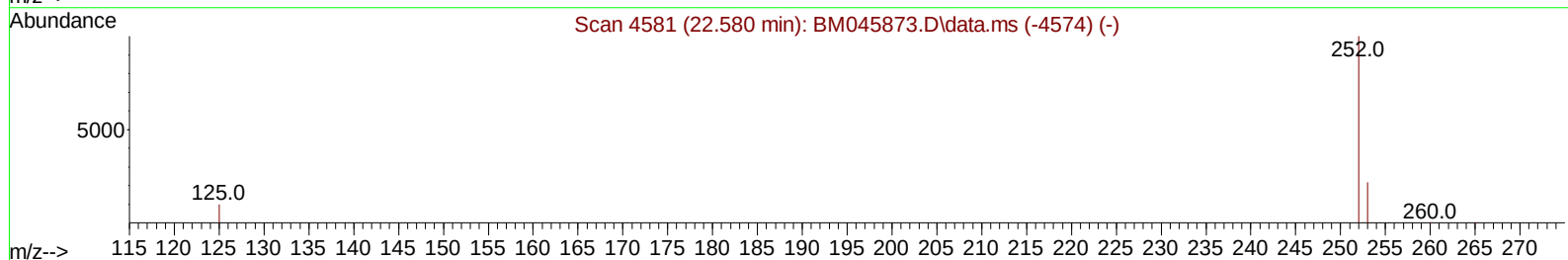
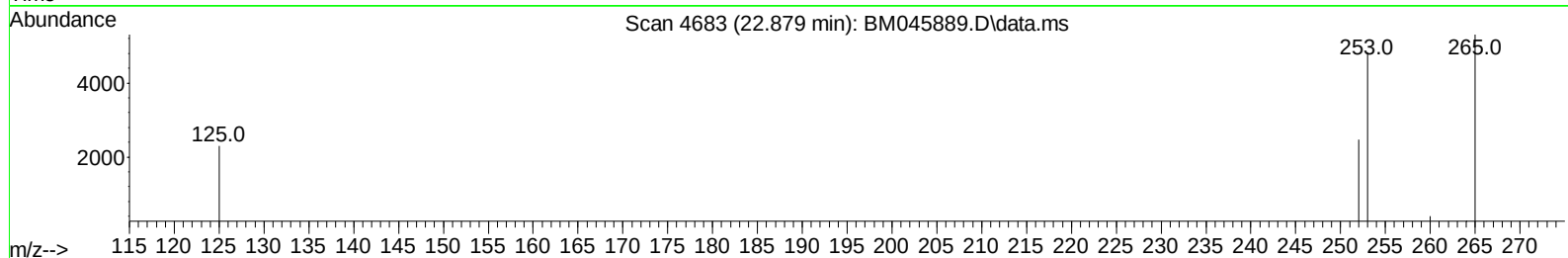
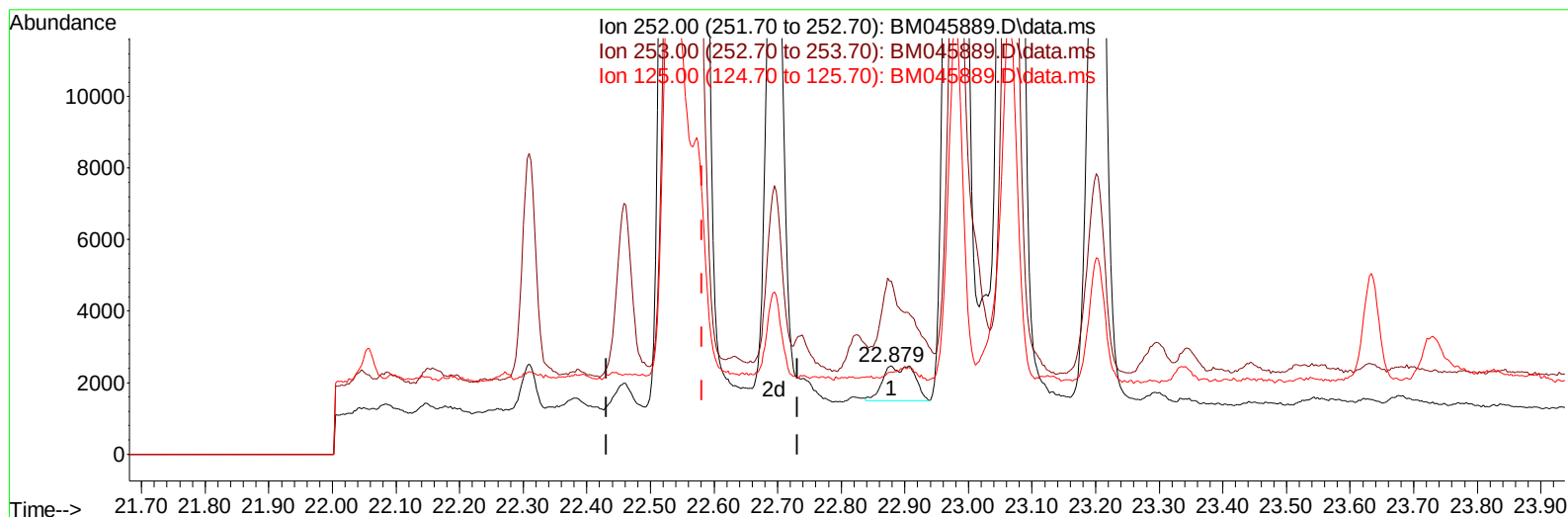
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(25) Benzo(k)fluoranthene

22.879min (+ 0.298) 0.05 ng/u1

response 3321

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	196.07#
125.00	17.70	93.15#
0.00	0.00	0.00

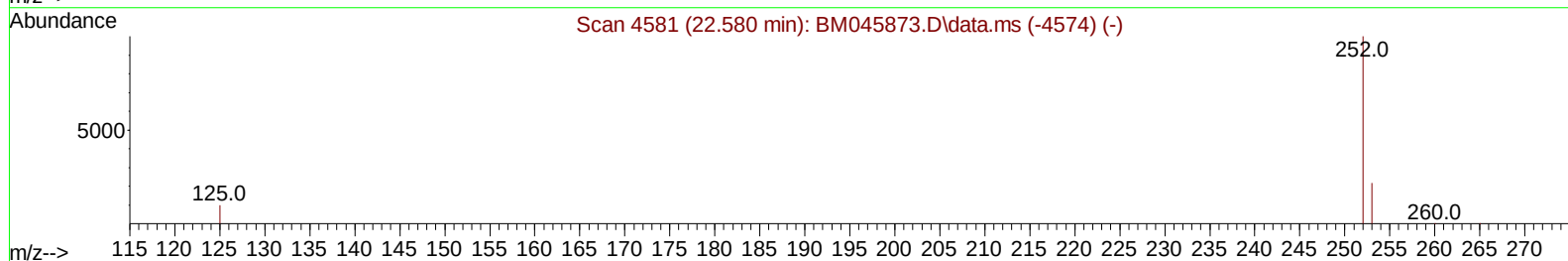
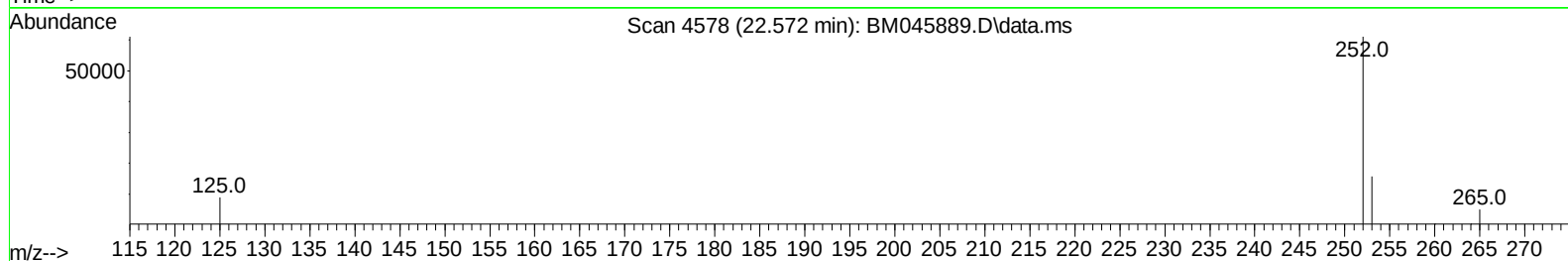
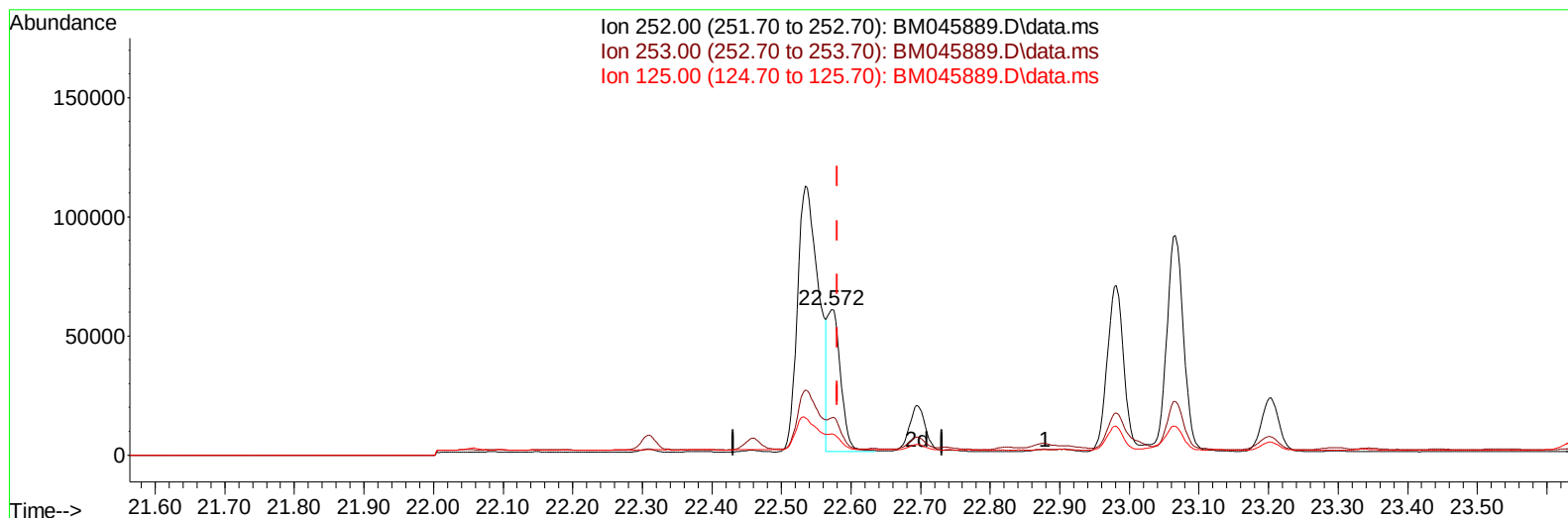
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(25) Benzo(k)fluoranthene

22.572min (-0.009) 1.07 ng/u l m

response 78876

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	25.64
125.00	17.70	14.50
0.00	0.00	0.00

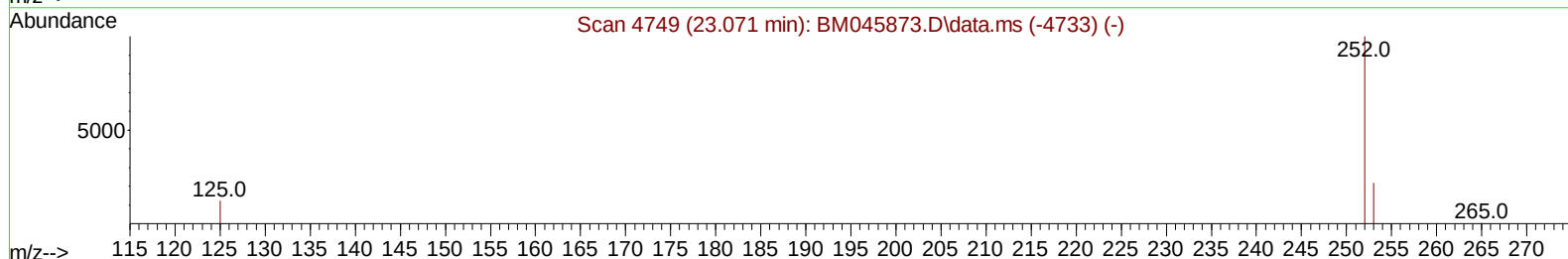
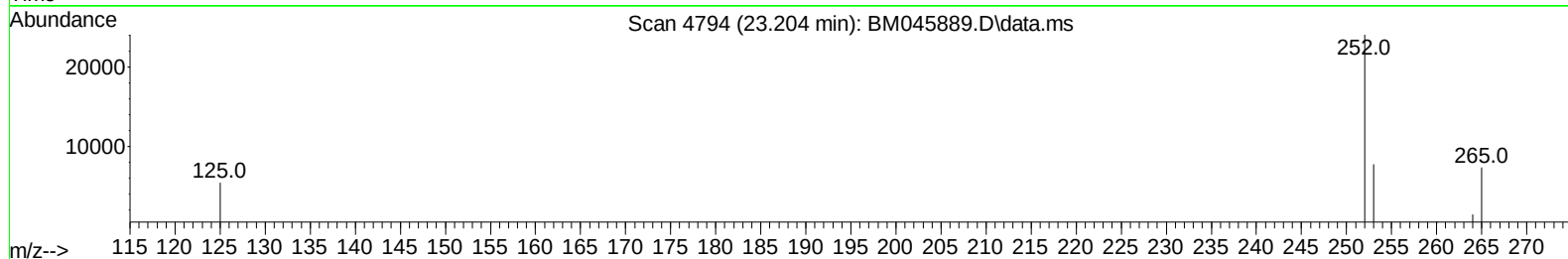
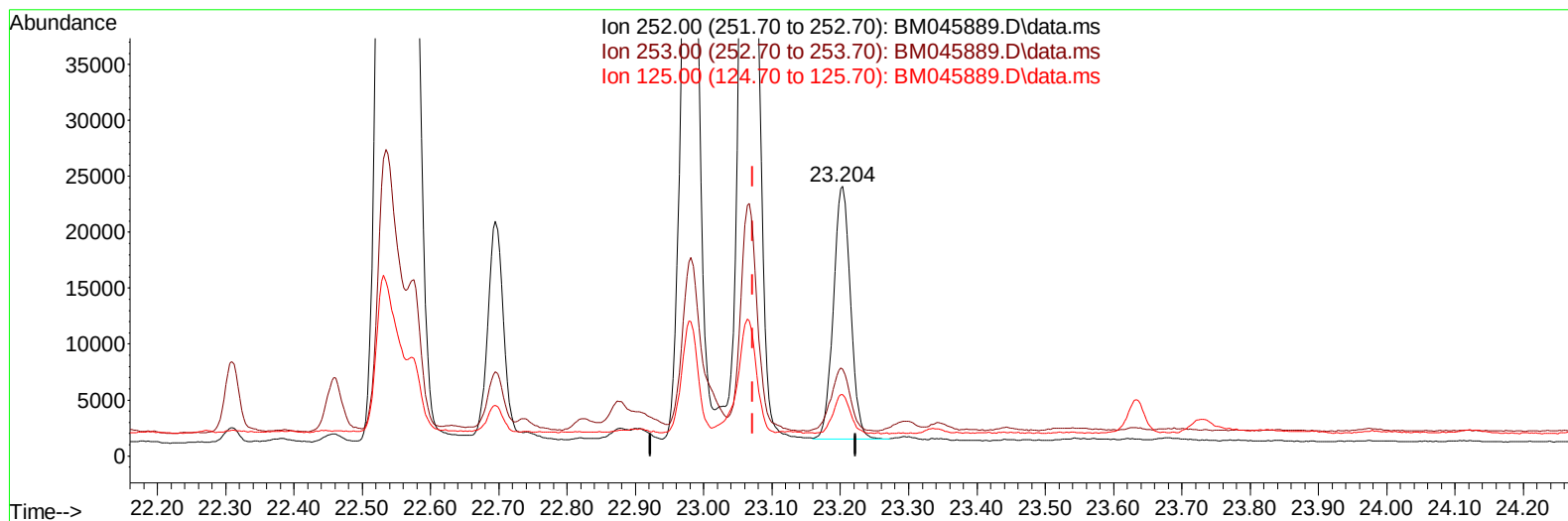
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045889.D
 Acq On : 07 Jun 2024 20:30
 Operator : MA/JU
 Sample : P2586-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(26) Benzo(a)pyrene (C)

23.204min (+ 0.132) 0.59 ng/u1

response 39414

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	32.11
125.00	21.60	22.70
0.00	0.00	0.00

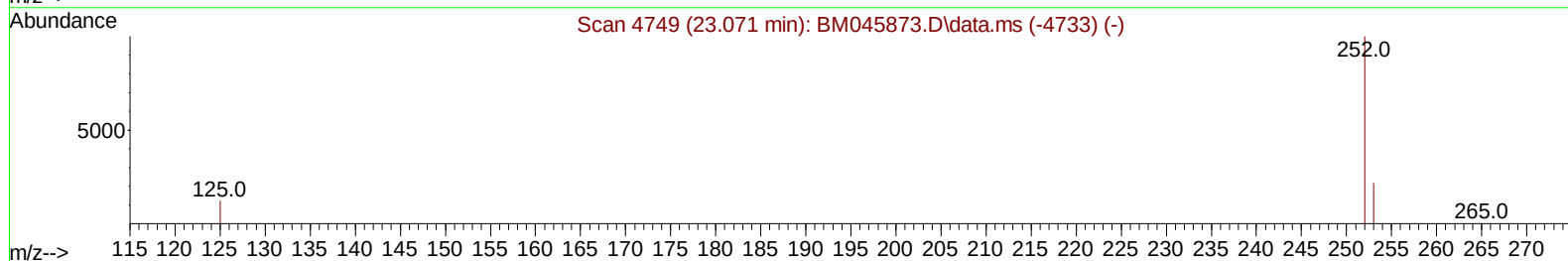
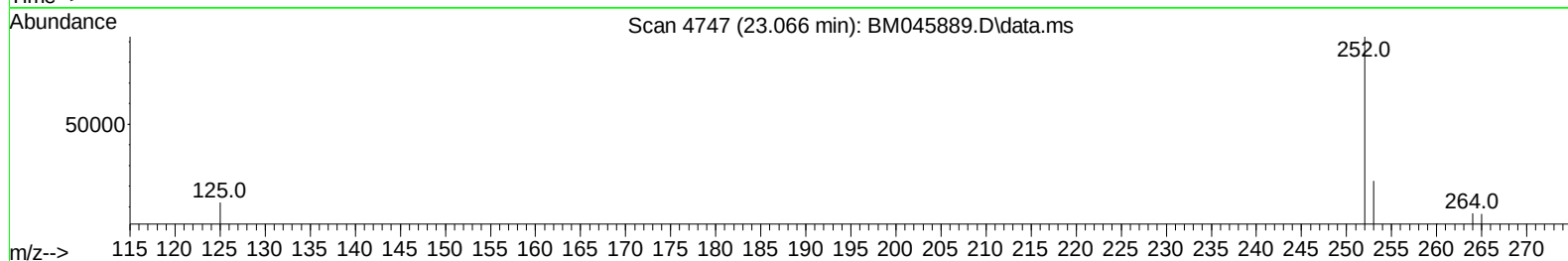
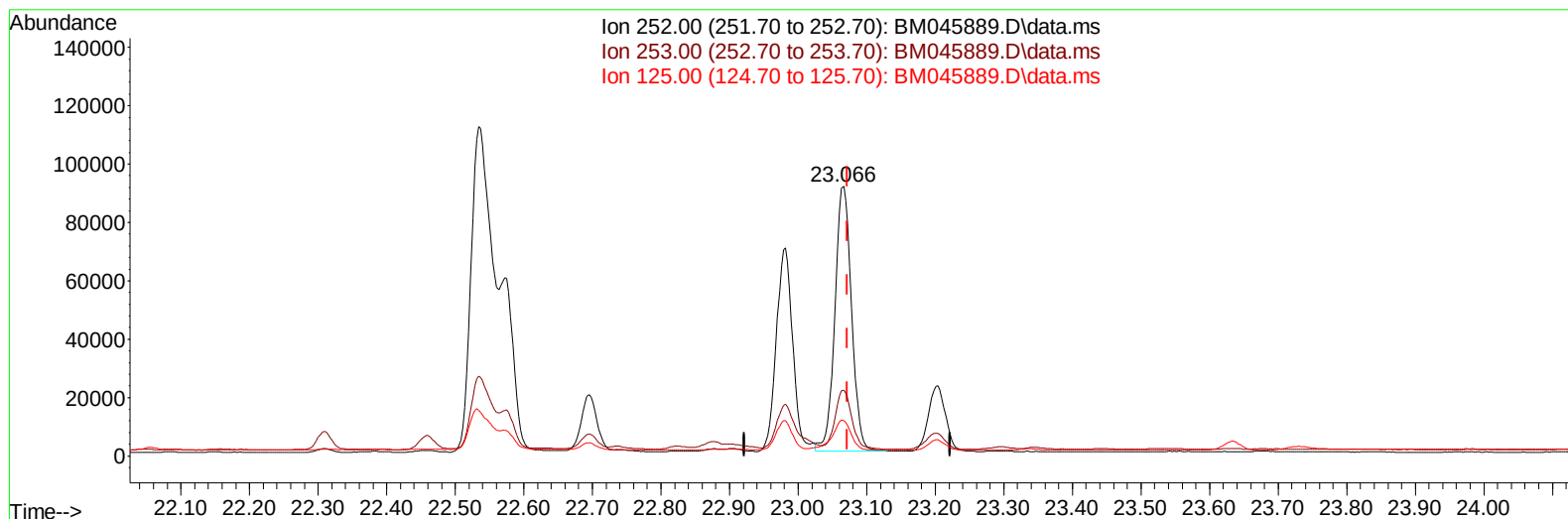
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(26) Benzo(a)pyrene (C)

23.066min (-0.006) 2.30 ng/ul m

response 153159

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	24.46#
125.00	21.60	13.08#
0.00	0.00	0.00

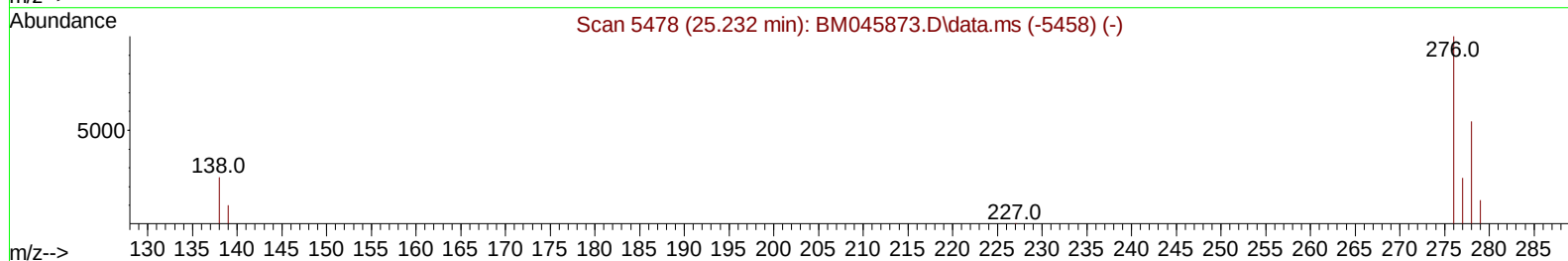
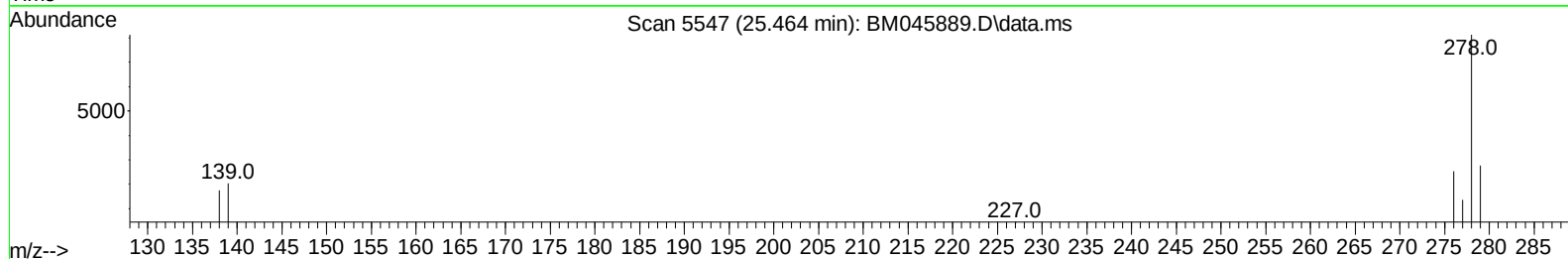
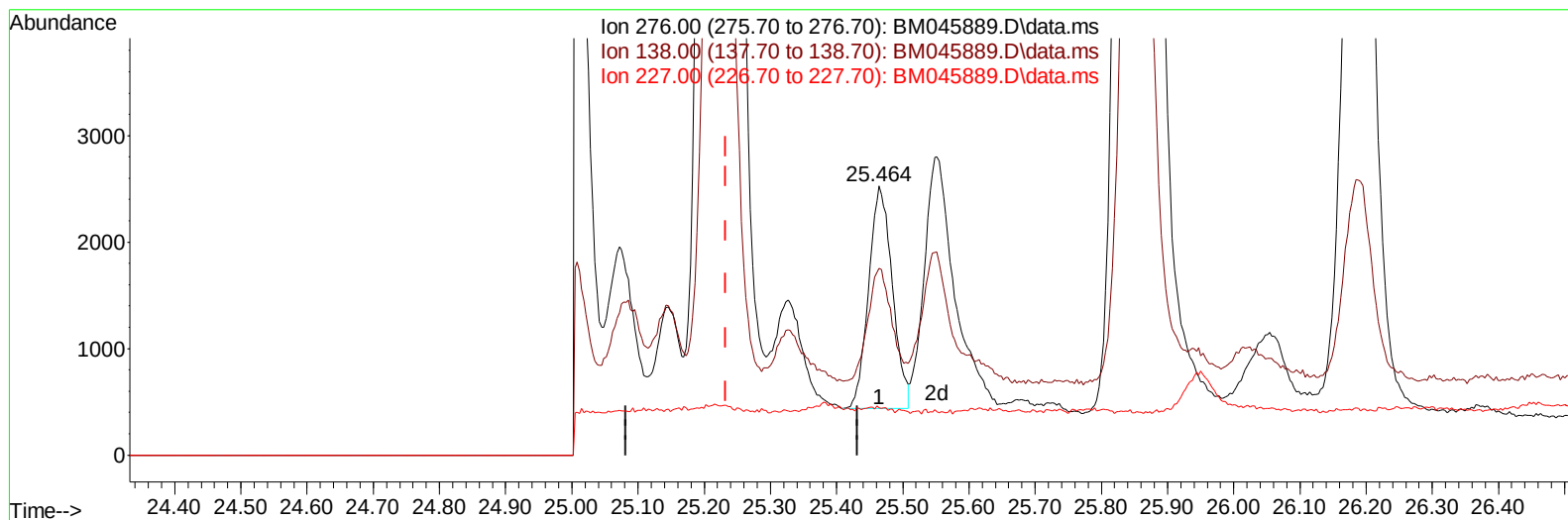
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

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

25.464min (+ 0.232) 0.06 ng/u1

response 5195

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	51.92#
227.00	0.20	2.35#
0.00	0.00	0.00

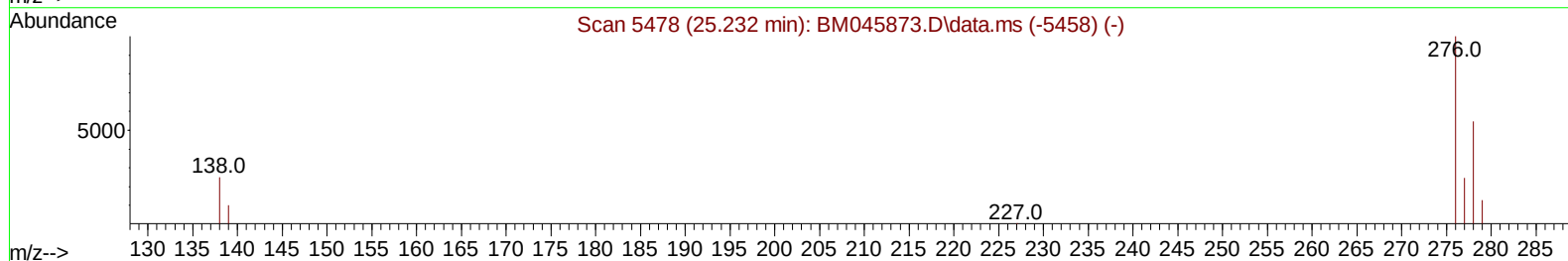
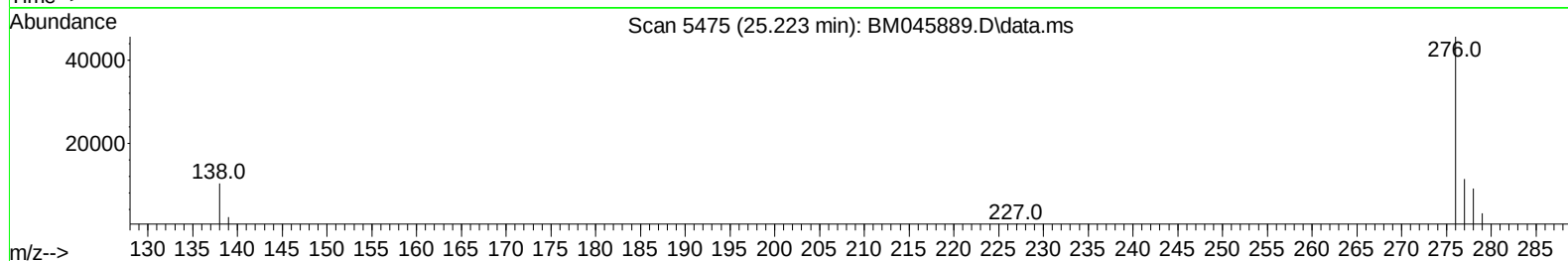
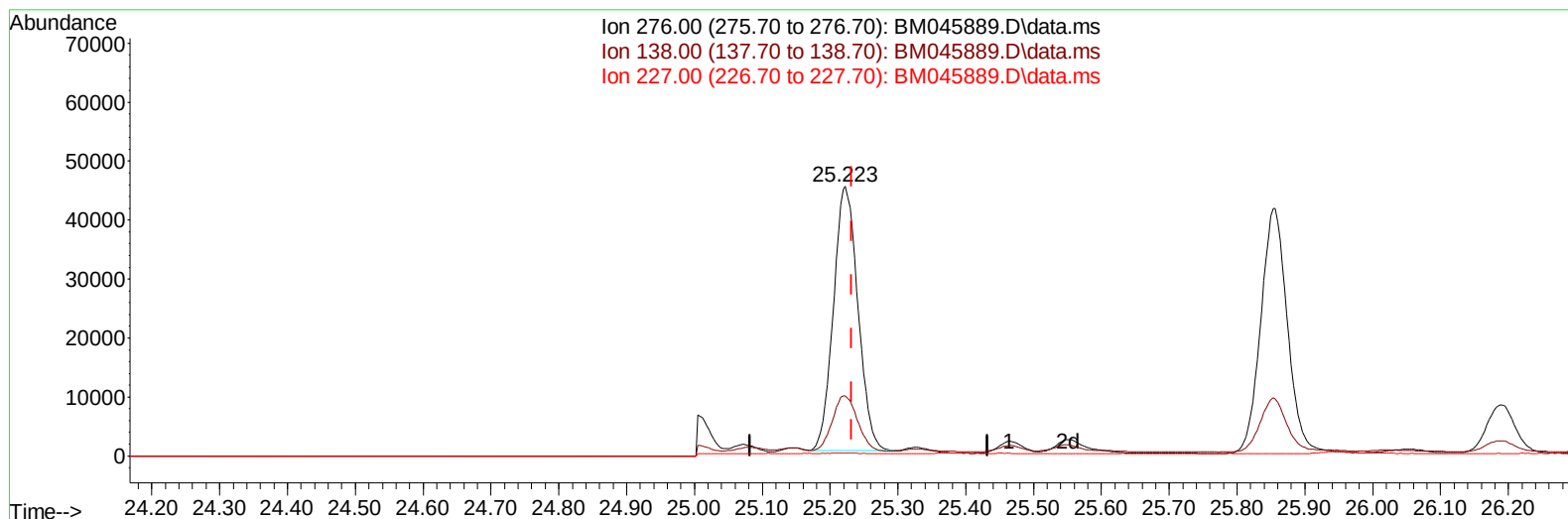
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

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

25.223min (-0.010) 1.30 ng/ul m

response 112314

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	2.40#
227.00	0.20	0.11#
0.00	0.00	0.00

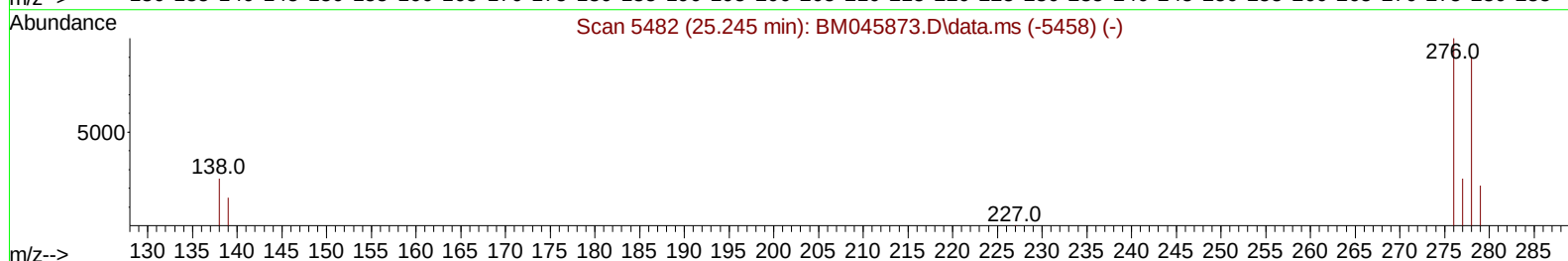
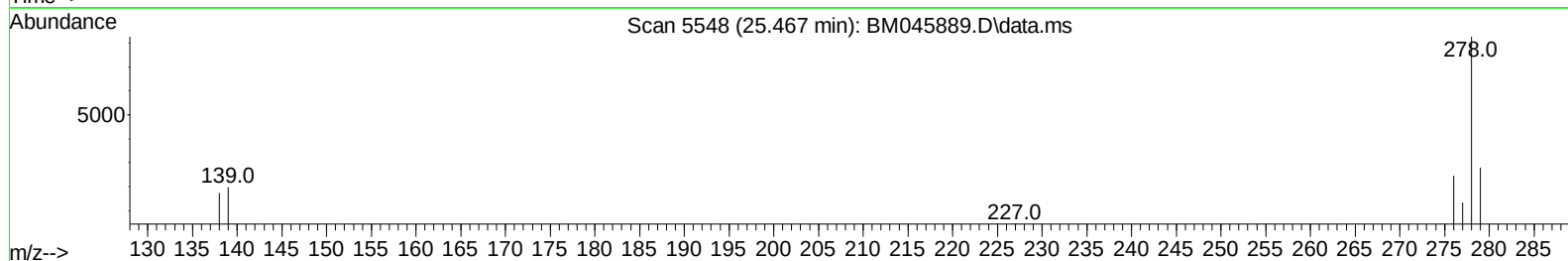
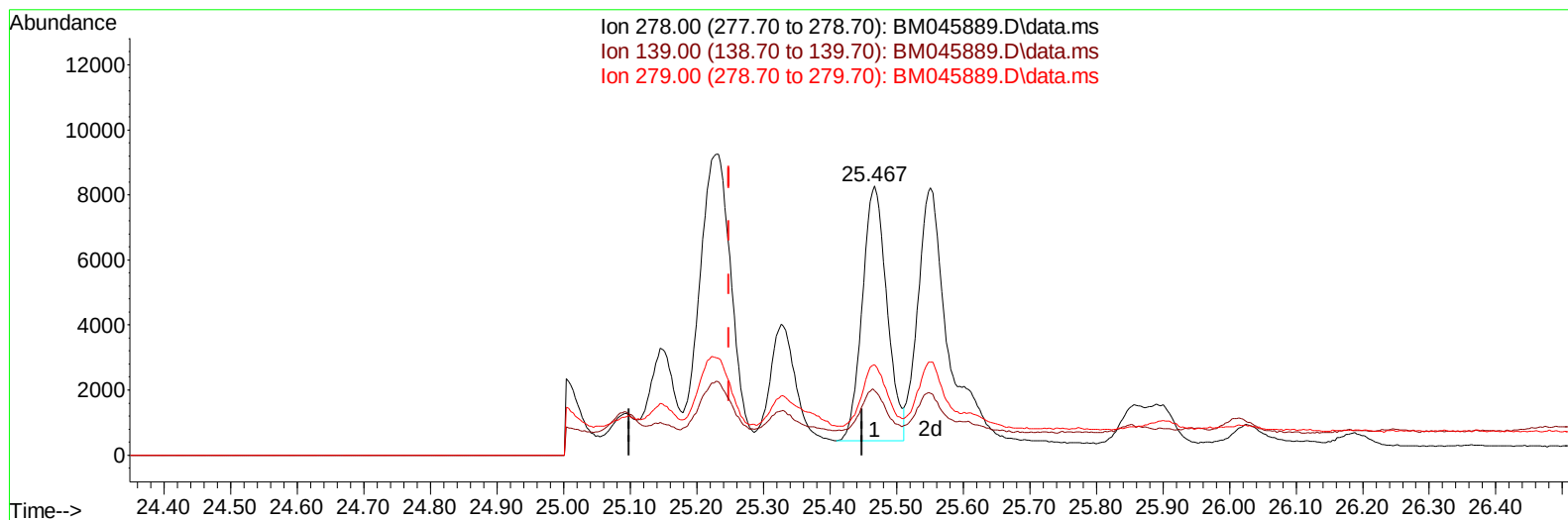
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(28) Dibenzo(a,h)anthracene

25.467min (+ 0.219) 0.29 ng/u1

response 20224

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	24.03
279.00	30.80	33.72
0.00	0.00	0.00

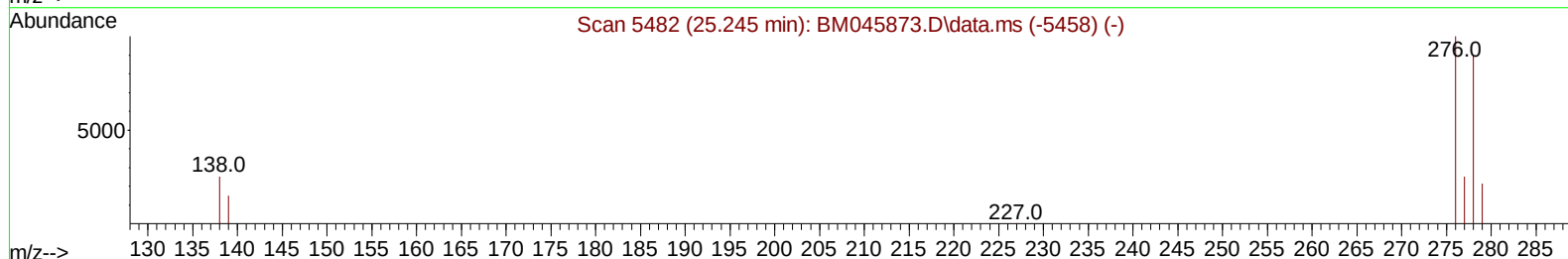
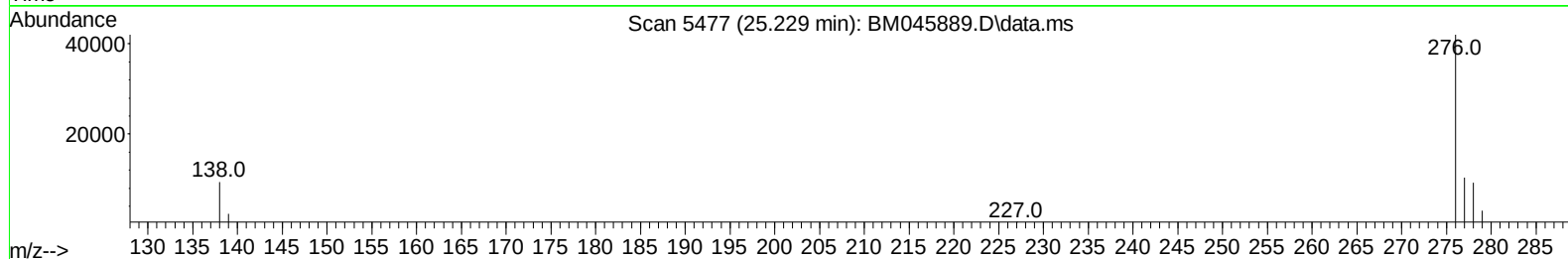
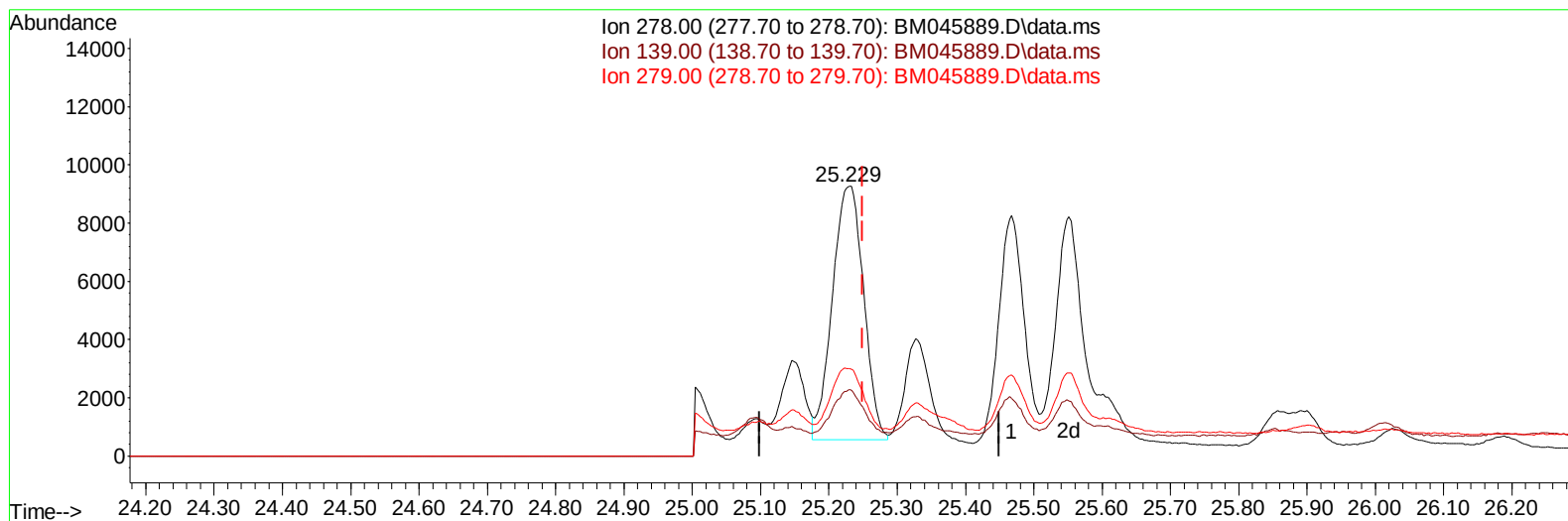
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

(28) Dibenzo(a,h)anthracene

25.229min (-0.020) 0.40 ng/ul m

response 27615

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	24.65
279.00	30.80	32.41
0.00	0.00	0.00

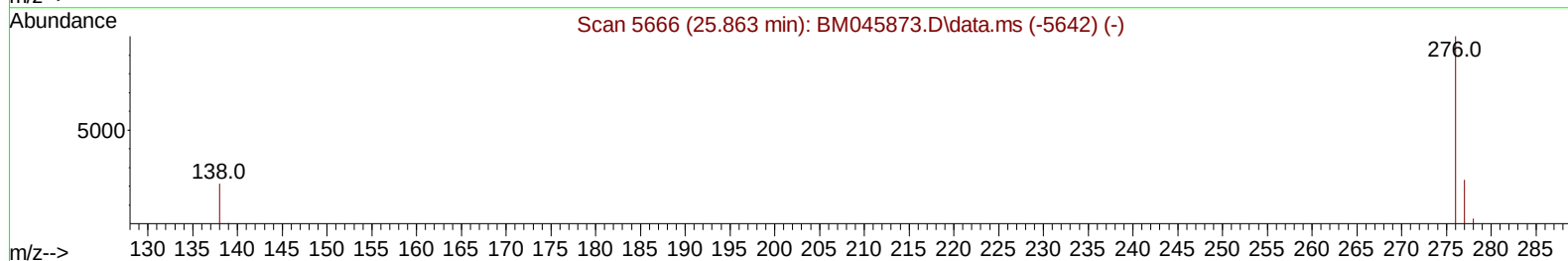
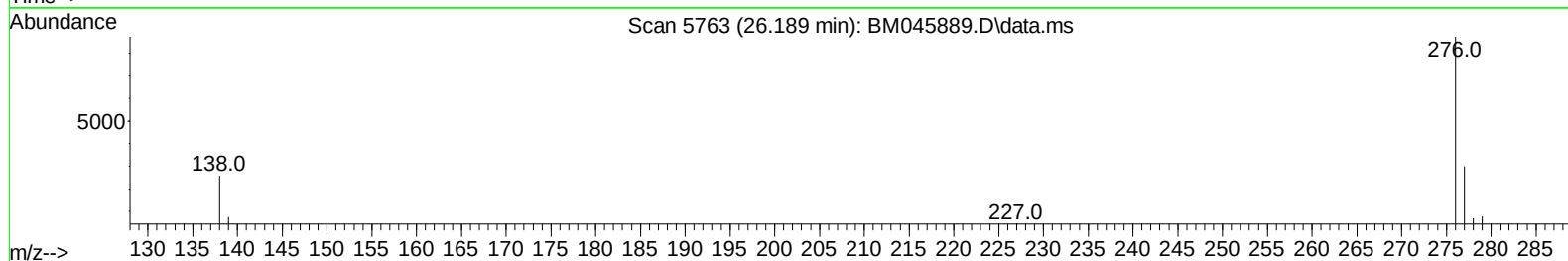
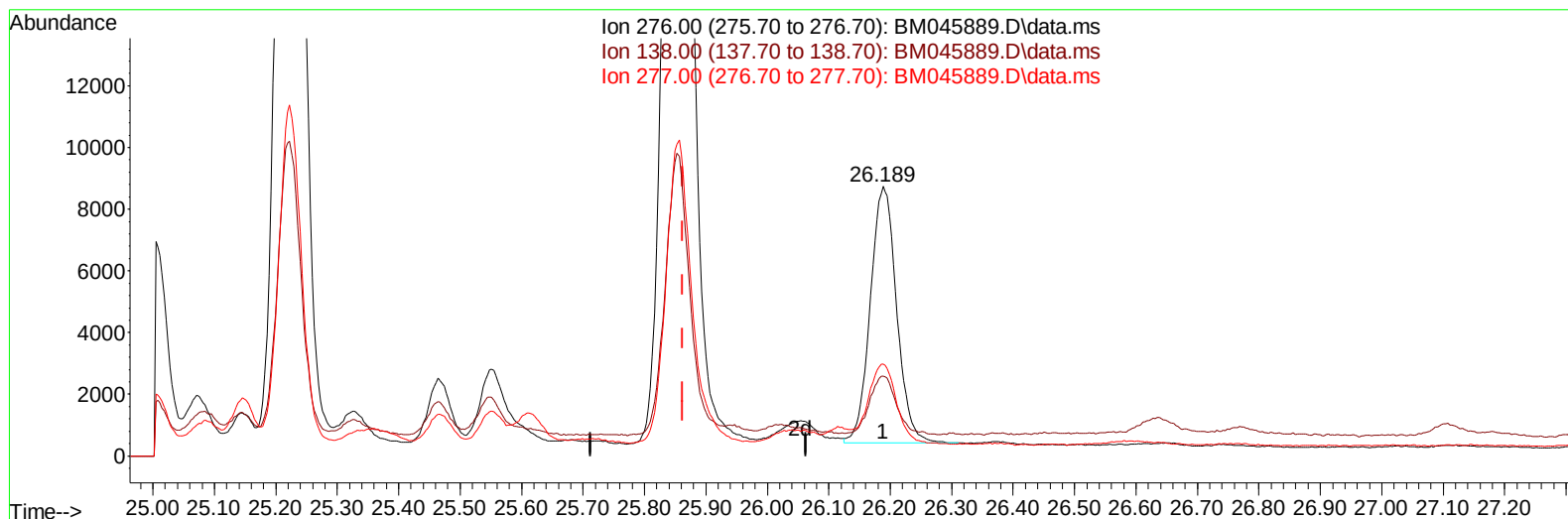
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

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

26.189min (+ 0.326) 0.33 ng/u1

response 24836

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	29.58
277.00	25.60	34.18#
0.00	0.00	0.00

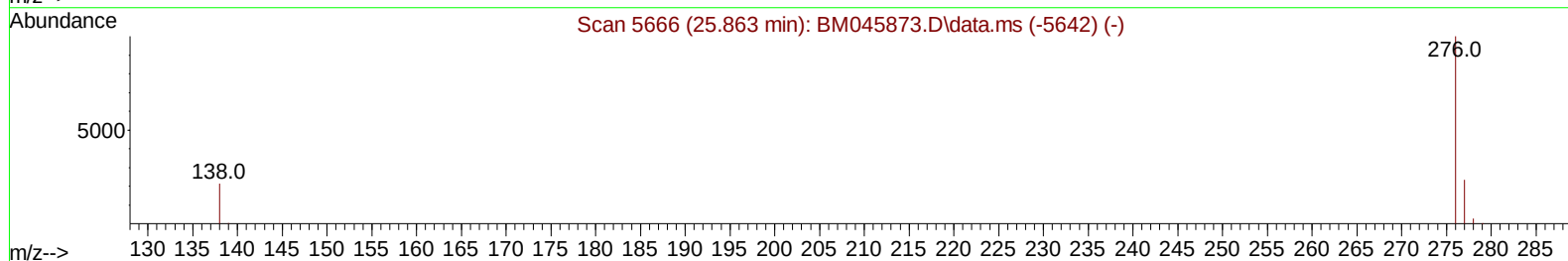
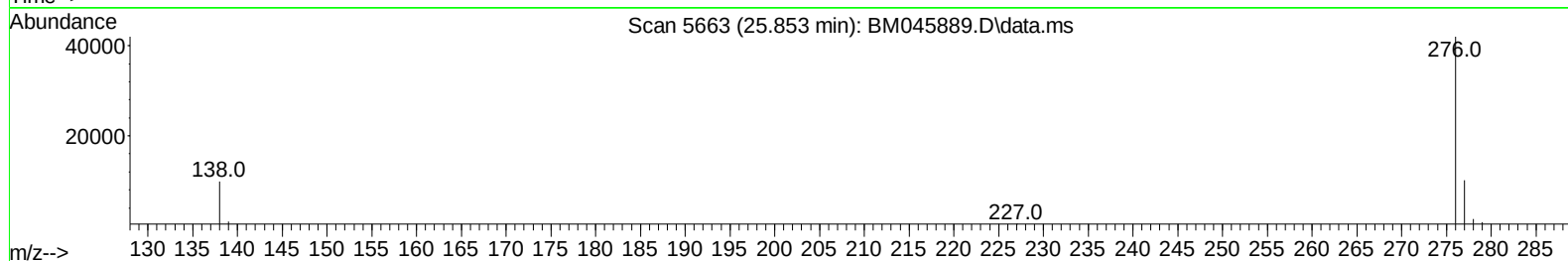
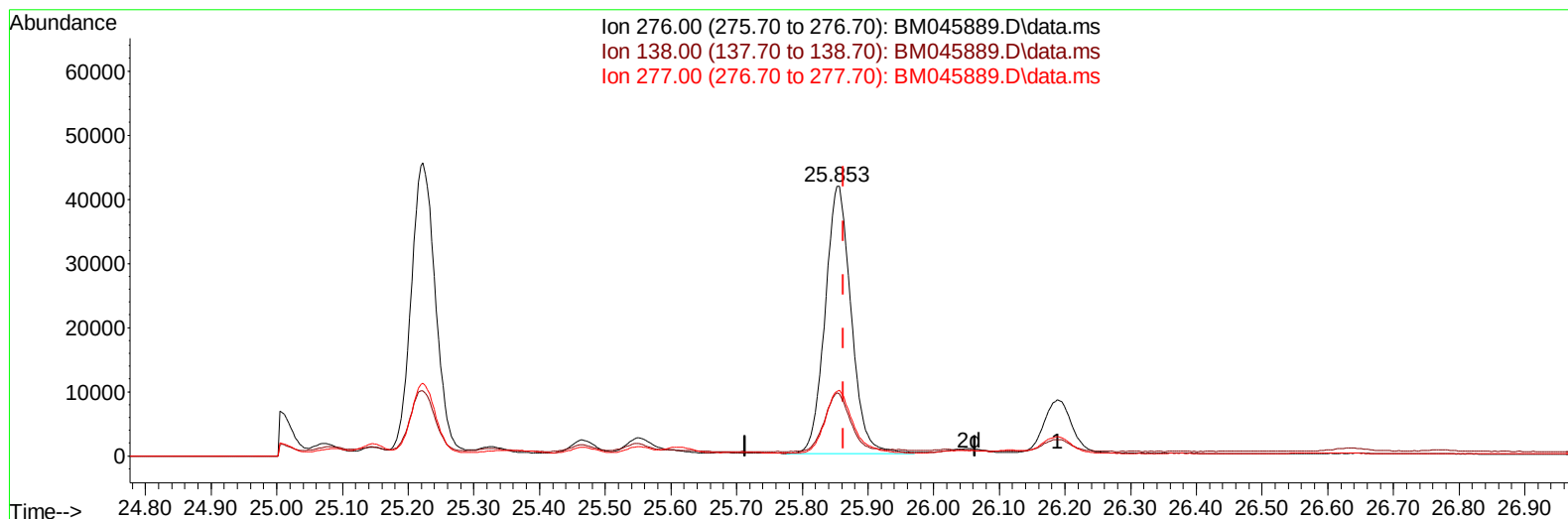
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045889.D\data.ms

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

25.853min (-0.010) 1.55 ng/ul m

response 115044

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	23.39
277.00	25.60	24.05
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045889.D
 Acq On : 07 Jun 2024 20:30
 Operator : MA/JU
 Sample : P2586-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C56

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 23:01:48 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	5884	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	20299	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	11061	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	24401m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.047	240	18880m	0.400	ng/ul	0.00
23) Perylene-d12	23.160	264	20179m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	26635	3.974	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	7240	0.248	ng/ul	-0.01
18) Fluoranthene-d10	18.885	212	15115m	0.267	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	3979	0.075	ng/ul#	94
7) 2-Methylnaphthalene	11.914	142	1320	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	1102	0.030	ng/ul	97
10) Acenaphthylene	13.830	152	13454	0.267	ng/ul	99
11) Acenaphthene	14.177	153	6860	0.186	ng/ul	97
12) Fluorene	15.167	166	9143	0.221	ng/ul	99
14) Pentachlorophenol	16.536	266	161	0.035	ng/ul	98
15) Phenanthrene	16.895	178	199353m	2.910	ng/ul	
16) Anthracene	16.984	178	43355m	0.742	ng/ul	
19) Fluoranthene	18.917	202	413545m	5.493	ng/ul	
20) Pyrene	19.280	202	333226m	4.243	ng/ul	
21) Benzo(a)anthracene	21.032	228	171903m	2.481	ng/ul	
22) Chrysene	21.085	228	182192m	2.415	ng/ul	
24) Benzo(b)fluoranthene	22.534	252	237165m	3.543	ng/ul	
25) Benzo(k)fluoranthene	22.572	252	78876m	1.072	ng/ul	
26) Benzo(a)pyrene	23.066	252	153159m	2.301	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.223	276	112314m	1.305	ng/ul	
28) Dibenzo(a,h)anthracene	25.229	278	27615m	0.401	ng/ul	
29) Benzo(g,h,i)perylene	25.853	276	115044m	1.550	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045889.D
Acq On : 07 Jun 2024 20:30
Operator : MA/JU
Sample : P2586-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:48 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 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

