

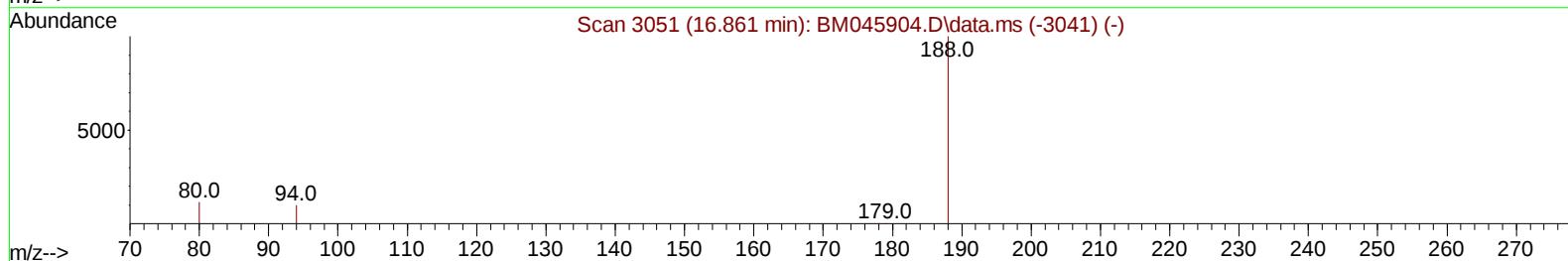
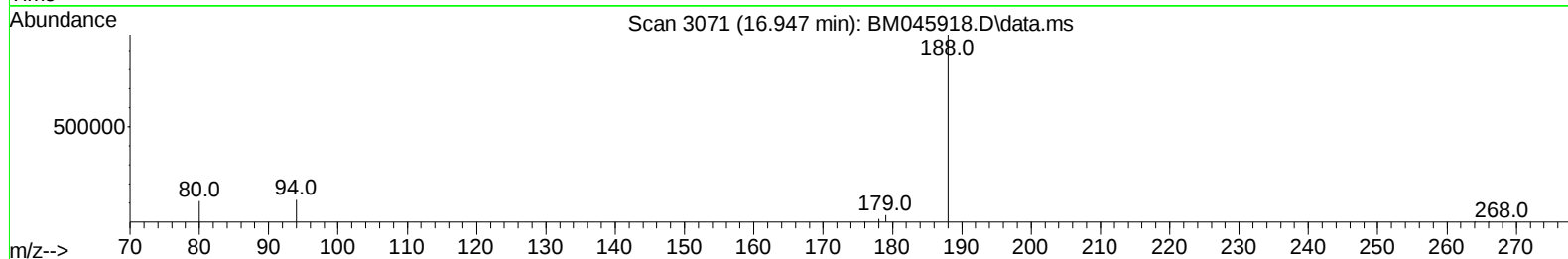
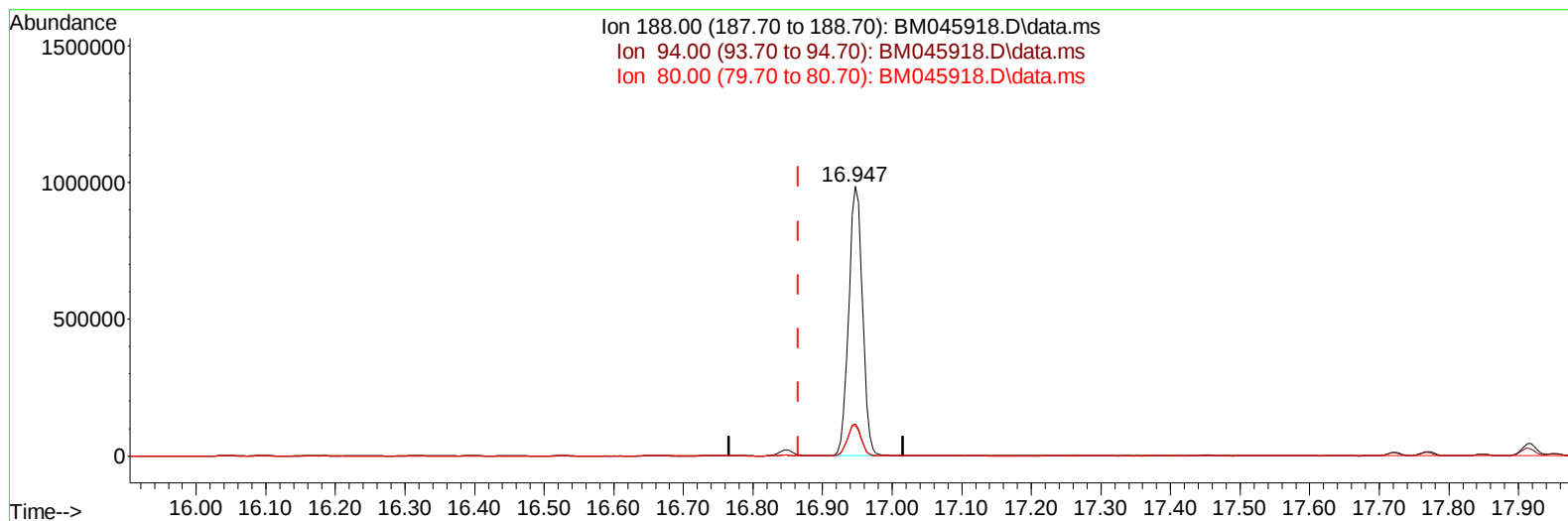
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

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

Quant Time: Jun 10 01:28:57 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: BM045918.D\data.ms

(13) Phenanthrene-d10 (I)**16.947min (+ 0.081) 0.40 ng/u1****response 1351784**

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.94
80.00	11.70	11.33
0.00	0.00	0.00

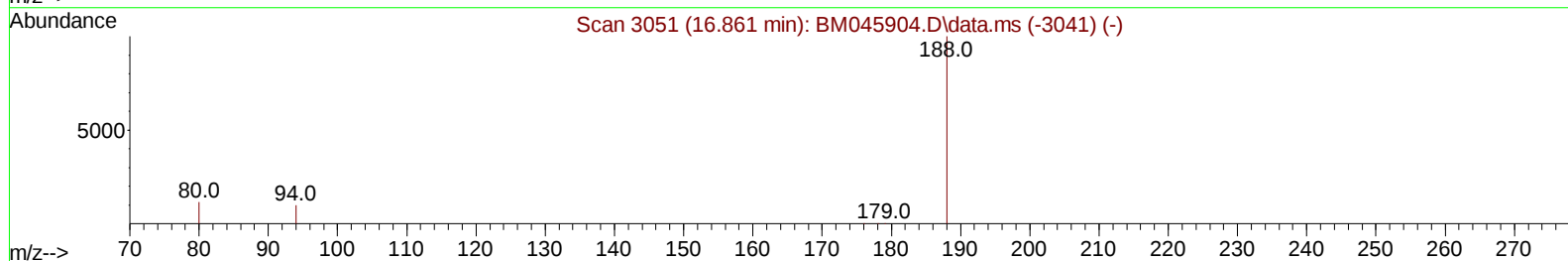
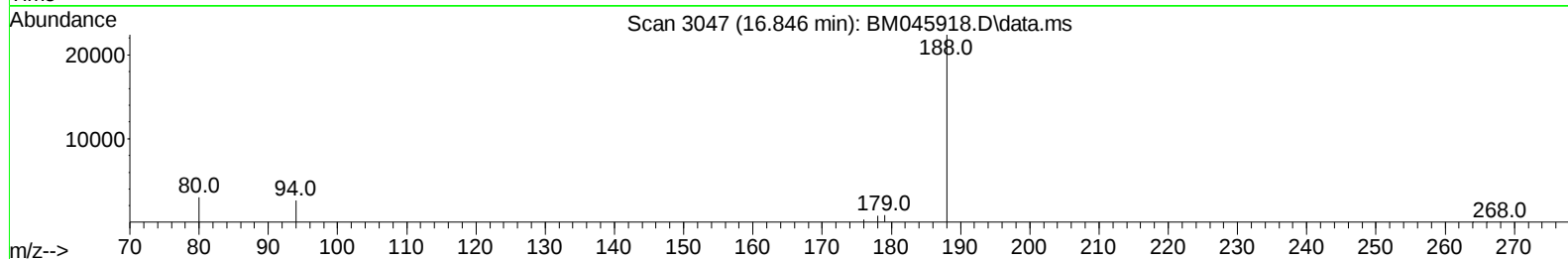
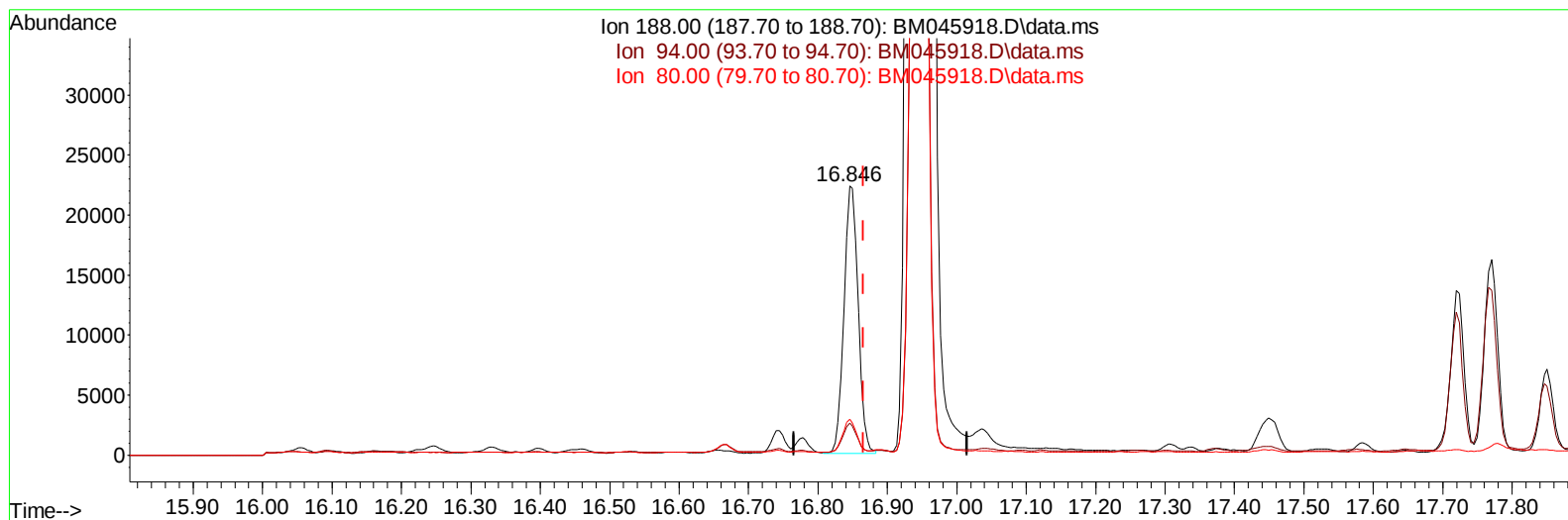
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(13) Phenanthrene-d10 (I)

16.846min (-0.020) 0.40 ng/u1 m

response 31706

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.83
80.00	11.70	13.39
0.00	0.00	0.00

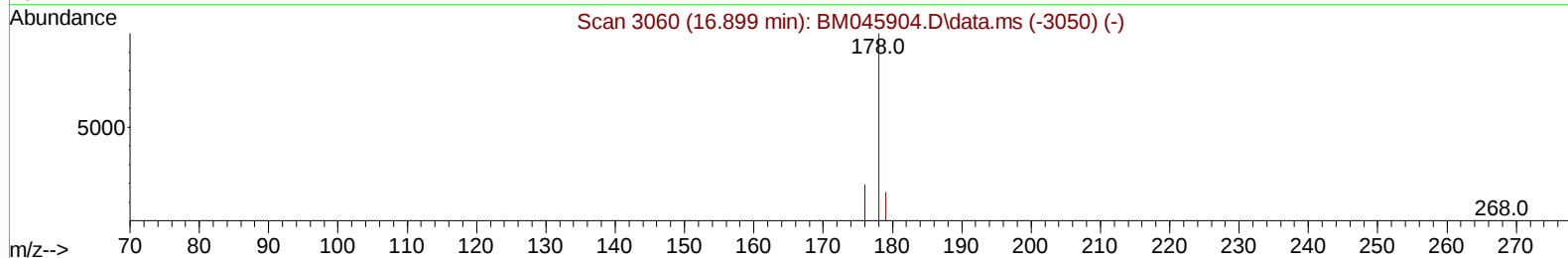
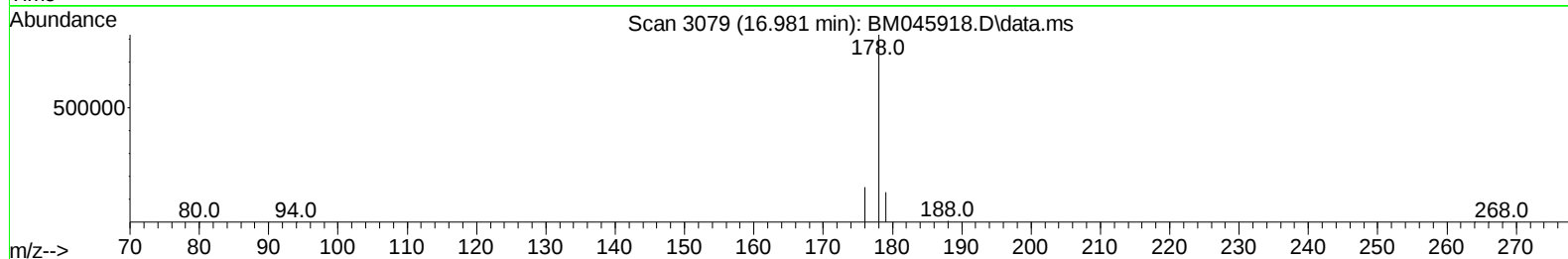
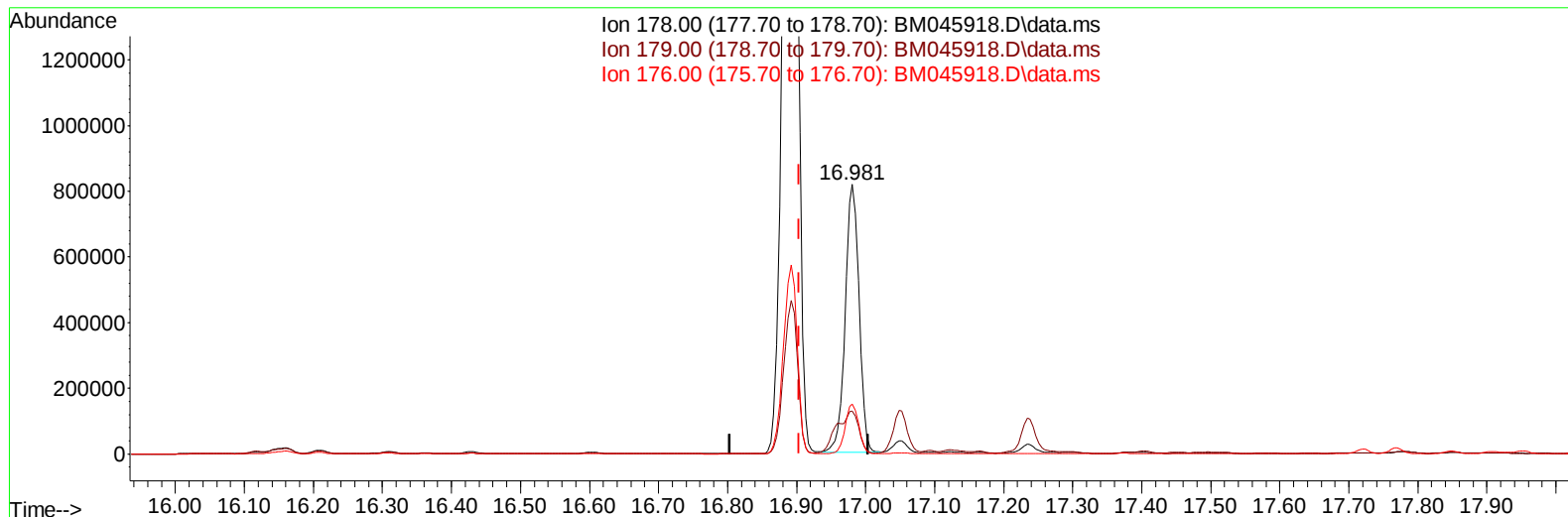
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(15) Phenanthrene

16.981min (+ 0.077) 12.67 ng/u1

response 1127677

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	16.05
176.00	19.50	18.64
0.00	0.00	0.00

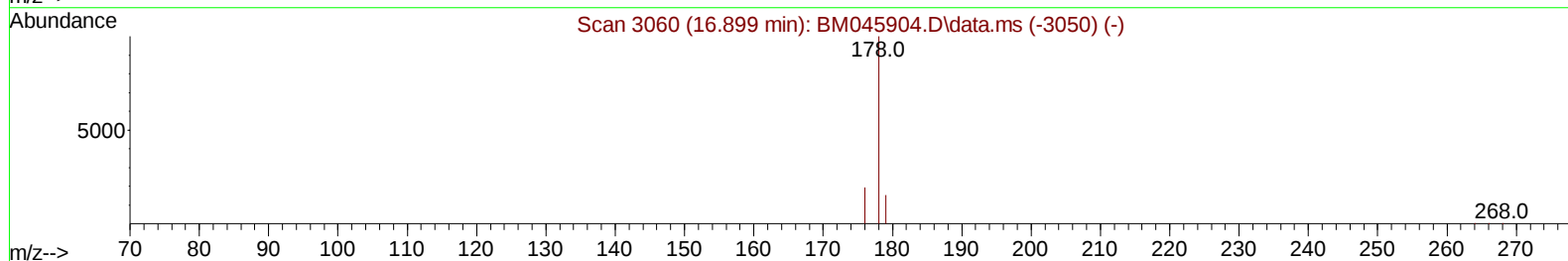
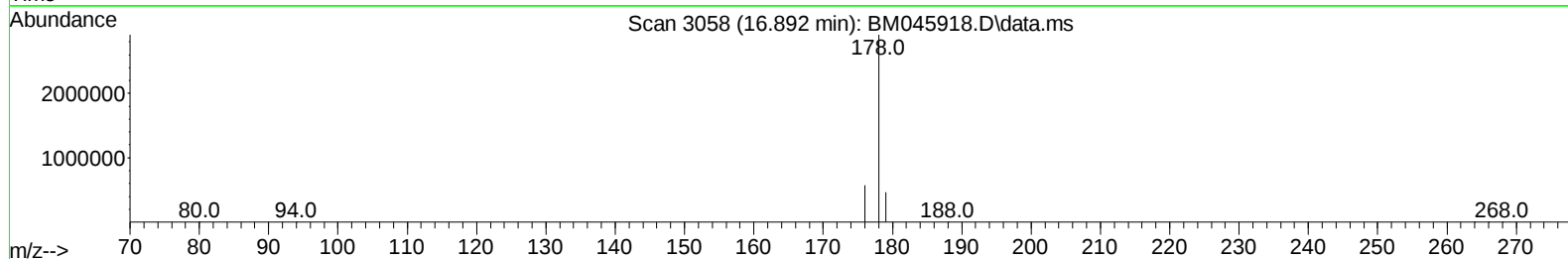
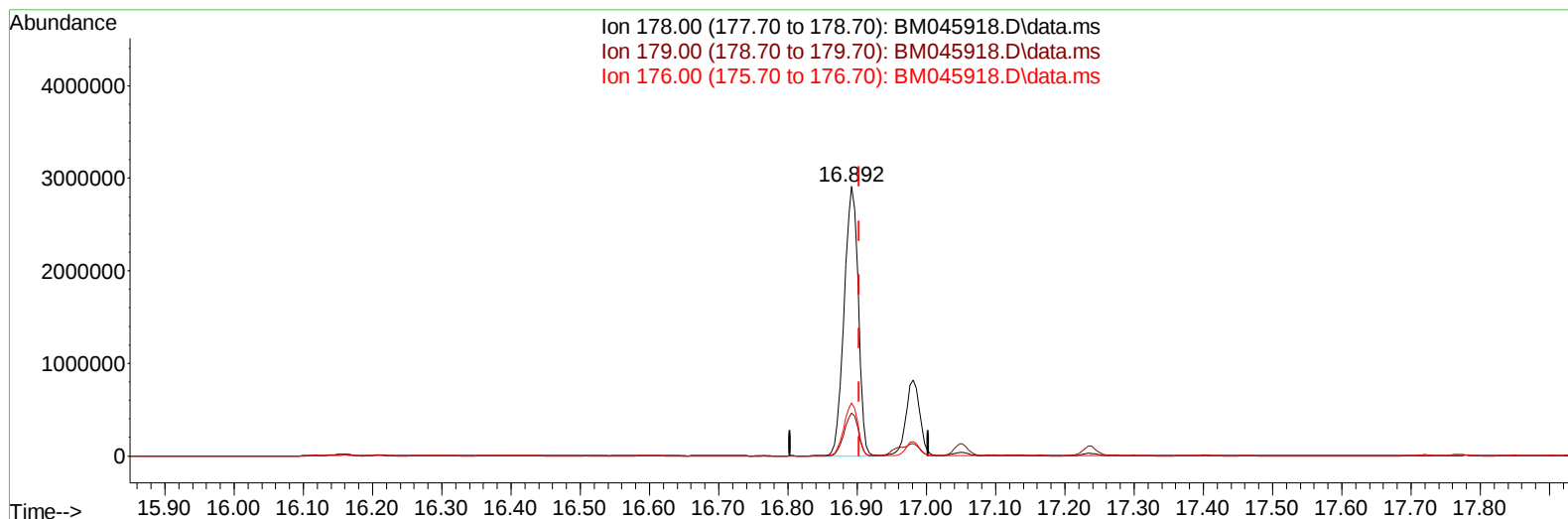
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(15) Phenanthrene

16.892min (-0.011) 46.46 ng/ul m

response 4136244

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	16.06
176.00	19.50	19.78
0.00	0.00	0.00

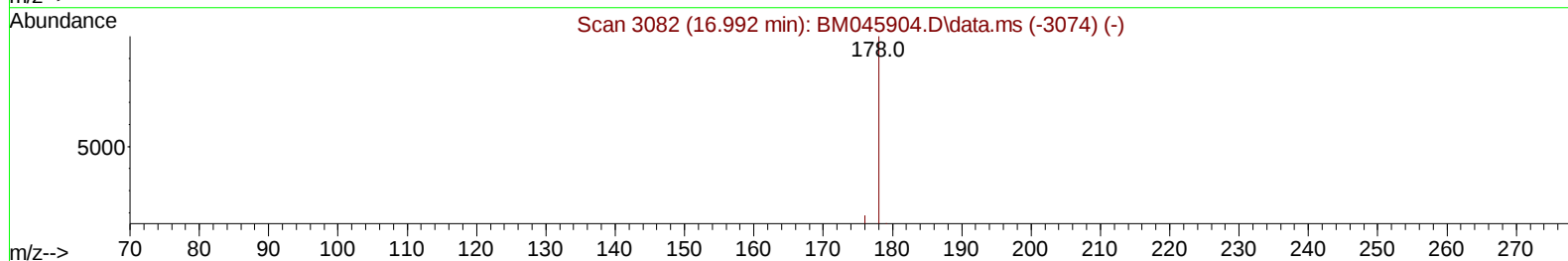
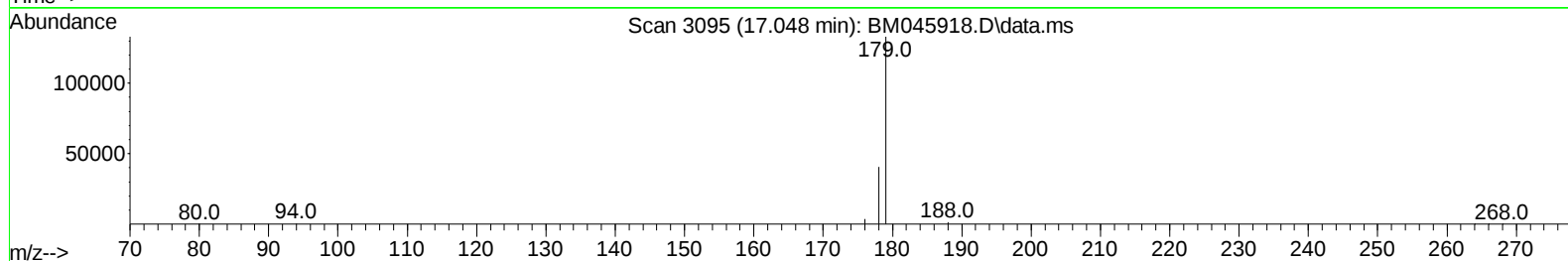
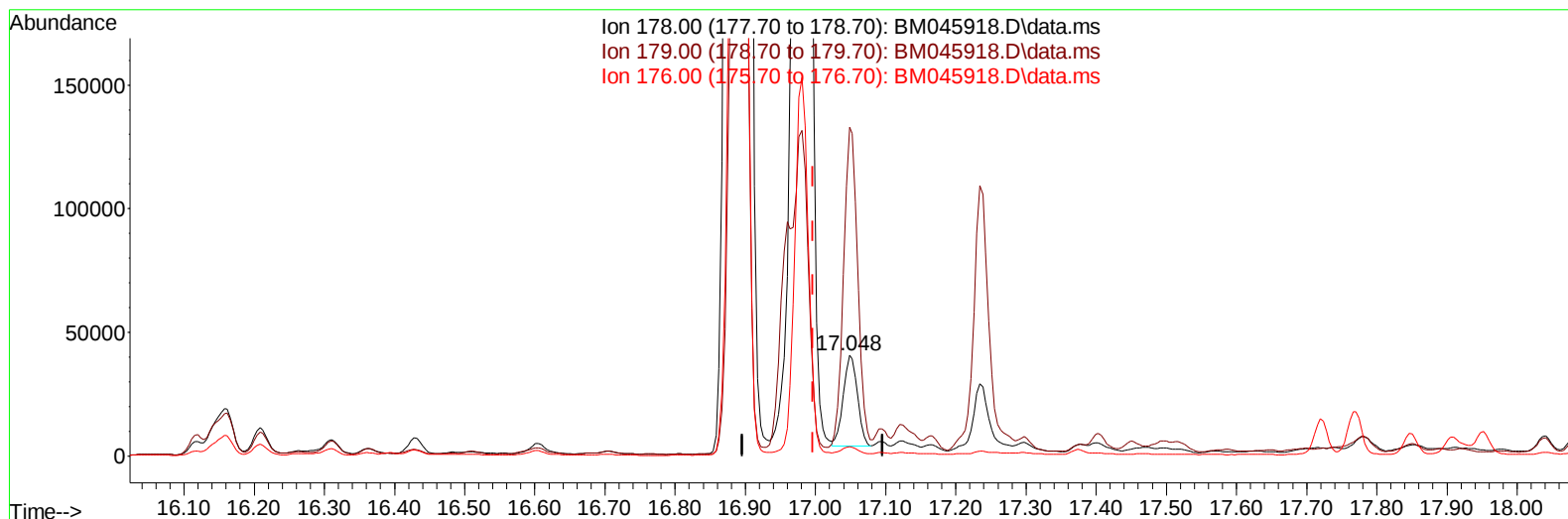
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(16) Anthracene

17.048min (+ 0.052) 0.68 ng/u1

response 51464

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	325.80#
176.00	19.40	9.28#
0.00	0.00	0.00

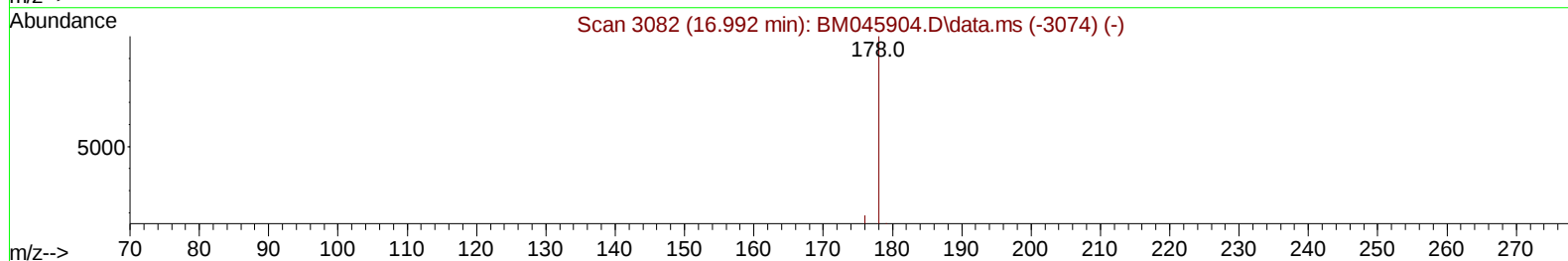
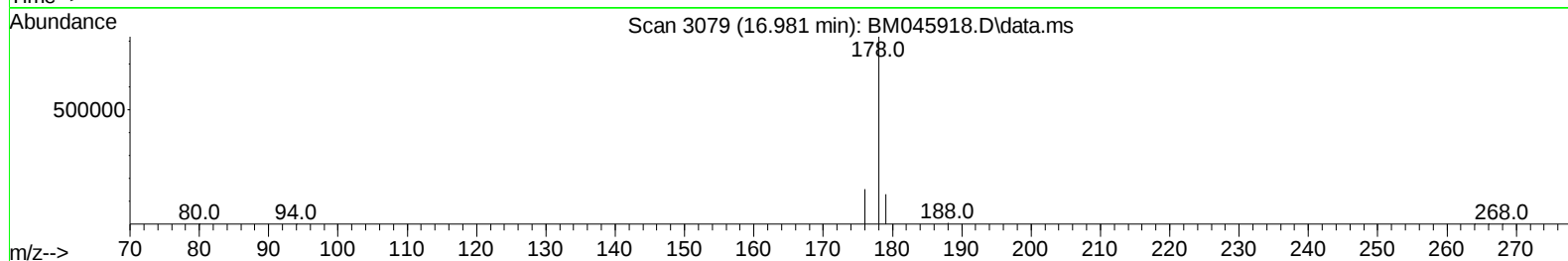
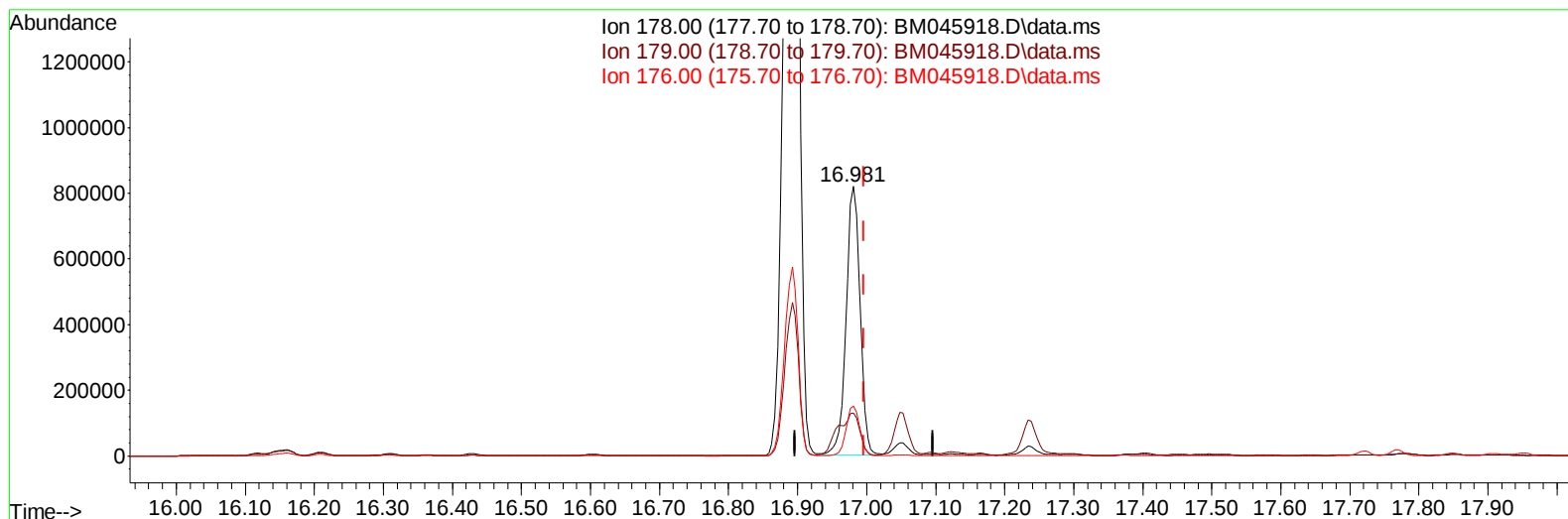
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(16) Anthracene

16.981min (-0.016) 14.98 ng/ul m

response 1137188

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	16.05
176.00	19.40	18.64
0.00	0.00	0.00

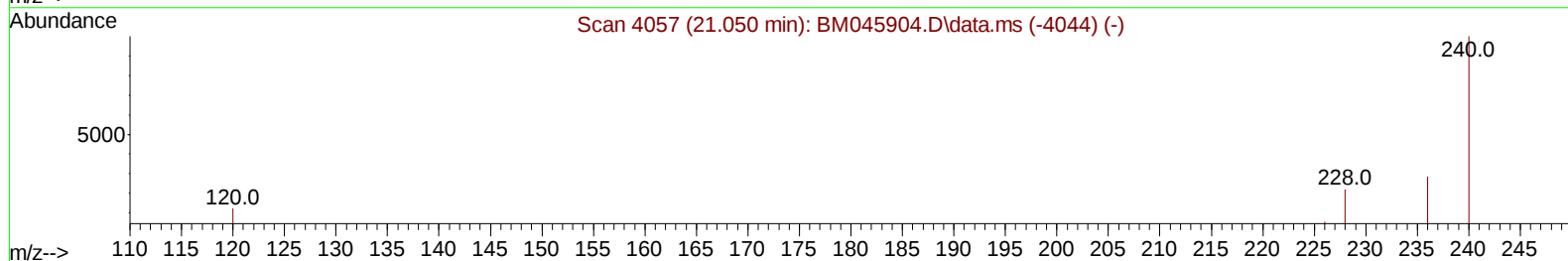
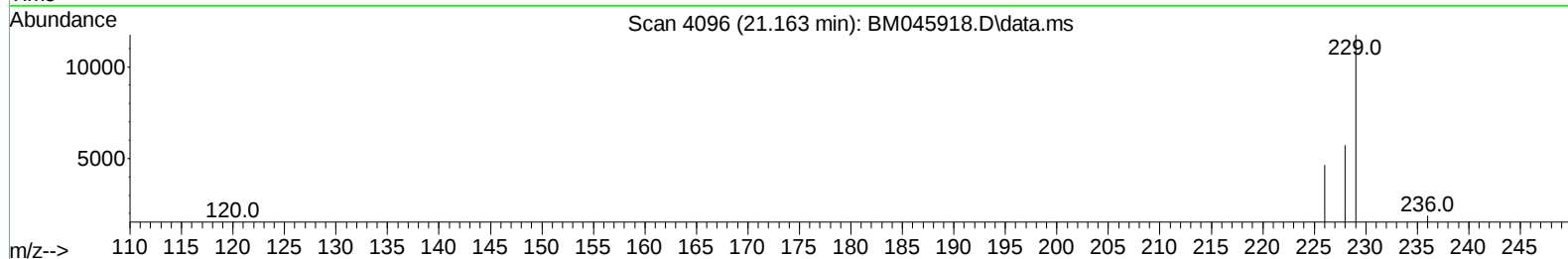
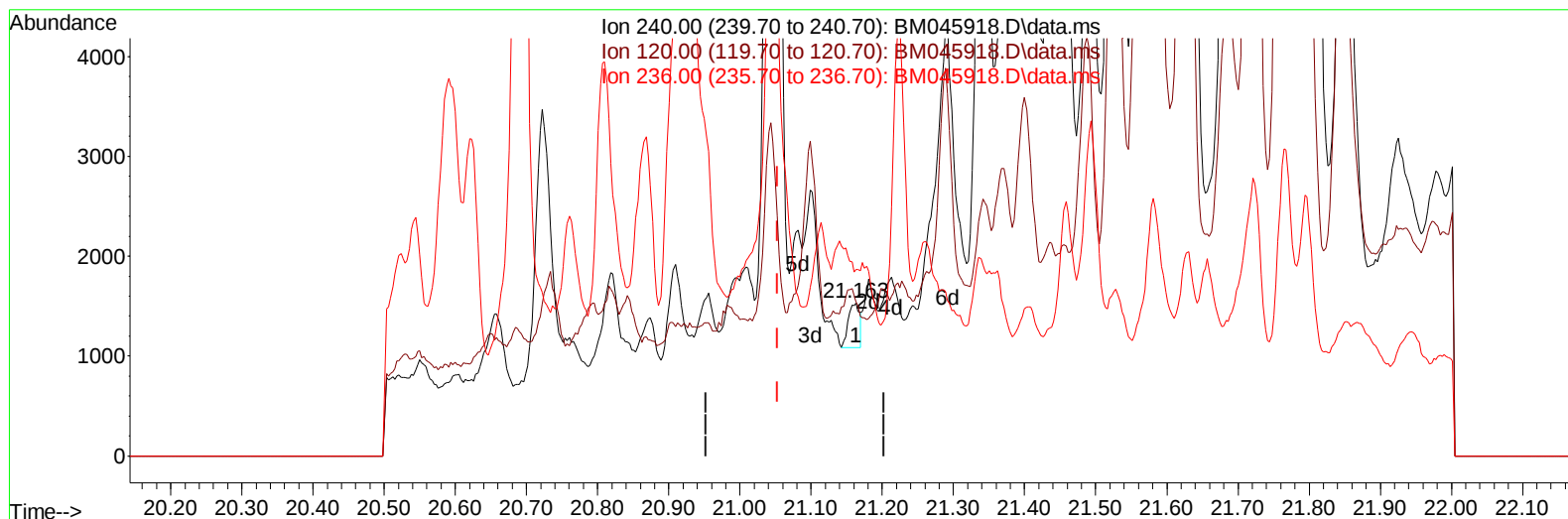
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045918.D
 Acq On : 08 Jun 2024 16:16
 Operator : MA/JU
 Sample : P2640-20
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(17) Chrysene-d12

21.163min (+ 0.110) 0.40 ng/u1

response 487

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	100.78#
236.00	29.50	122.22#
0.00	0.00	0.00

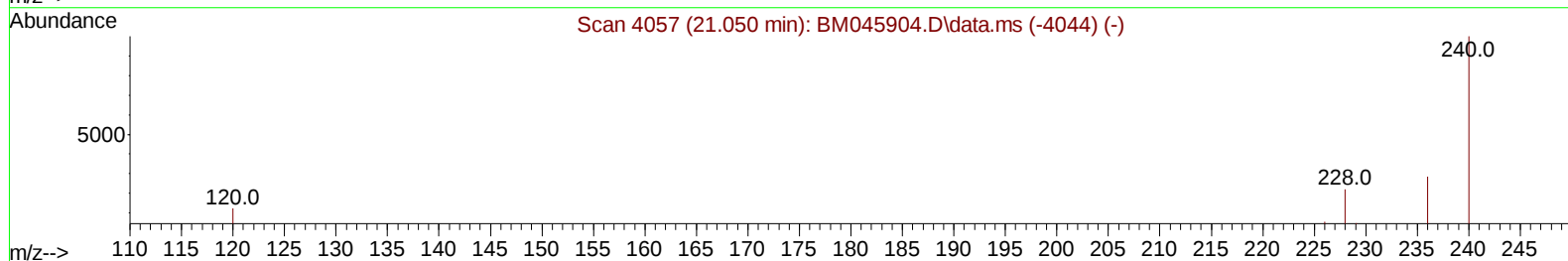
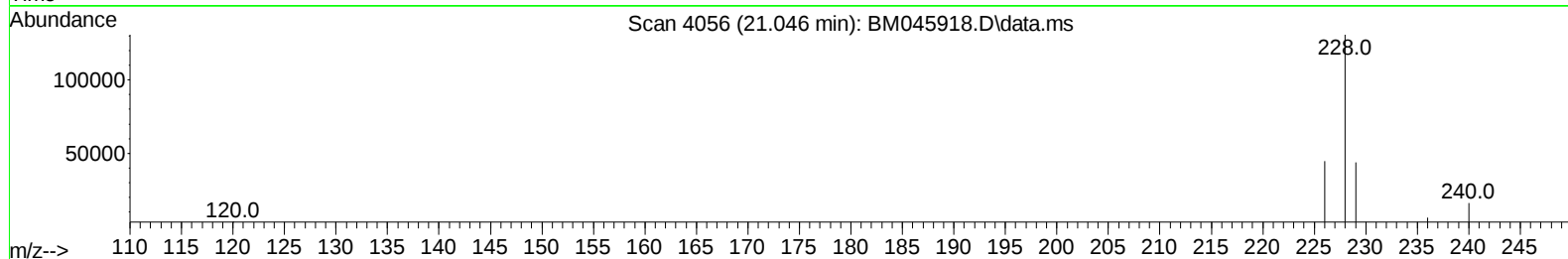
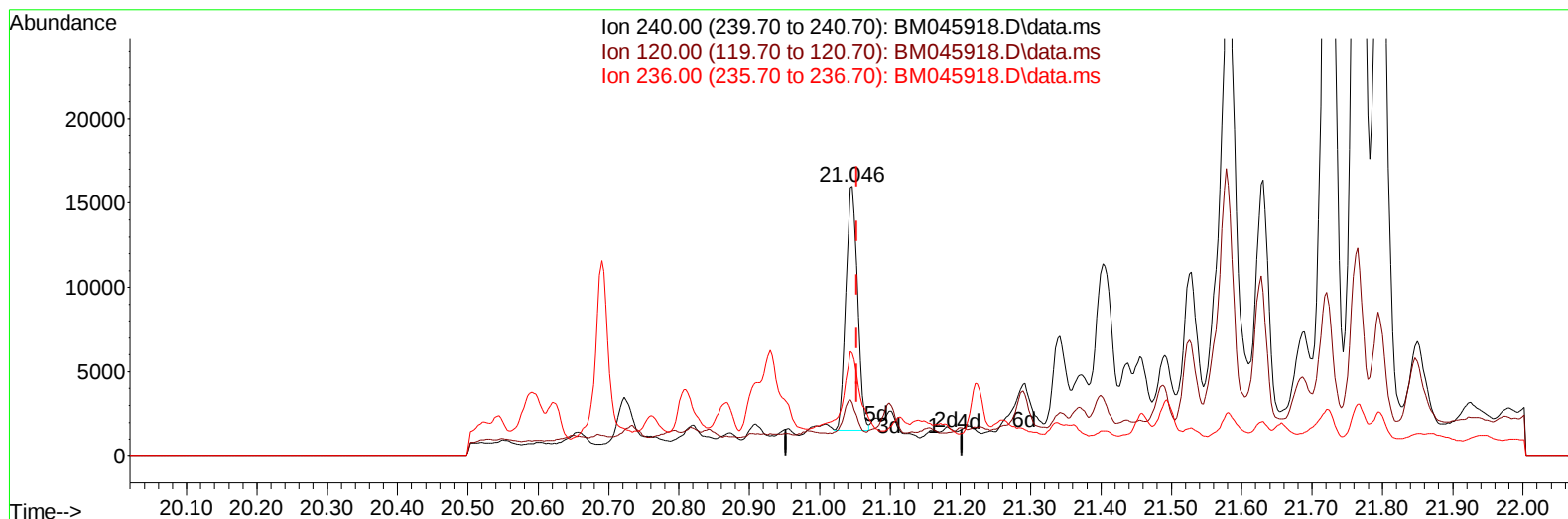
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045918.D
 Acq On : 08 Jun 2024 16:16
 Operator : MA/JU
 Sample : P2640-20
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(17) Chrysene-d12

21.046min (-0.006) 0.40 ng/ul m

response 16611

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	19.69#
236.00	29.50	38.08#
0.00	0.00	0.00

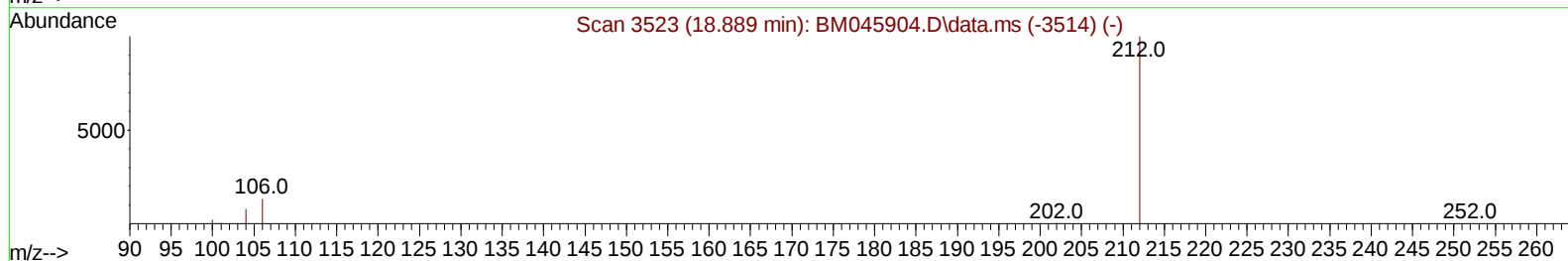
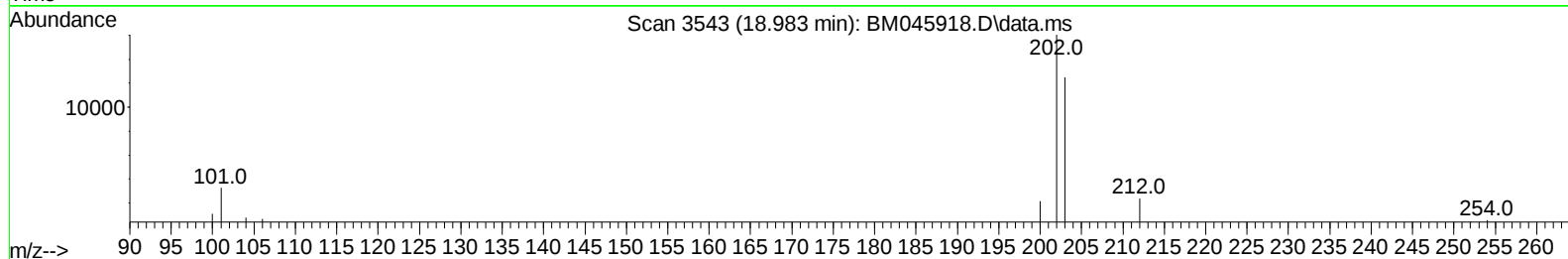
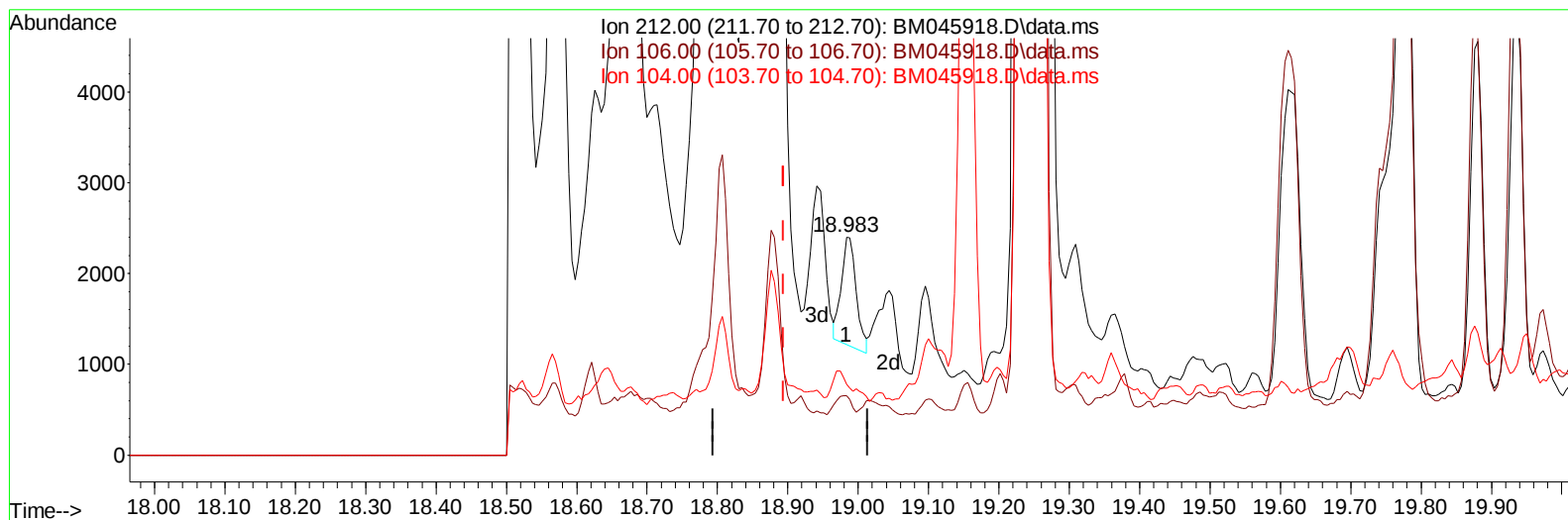
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.983min (+ 0.090) 0.04 ng/u1

response 1755

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.00	19.37#
104.00	8.70	34.07#
0.00	0.00	0.00

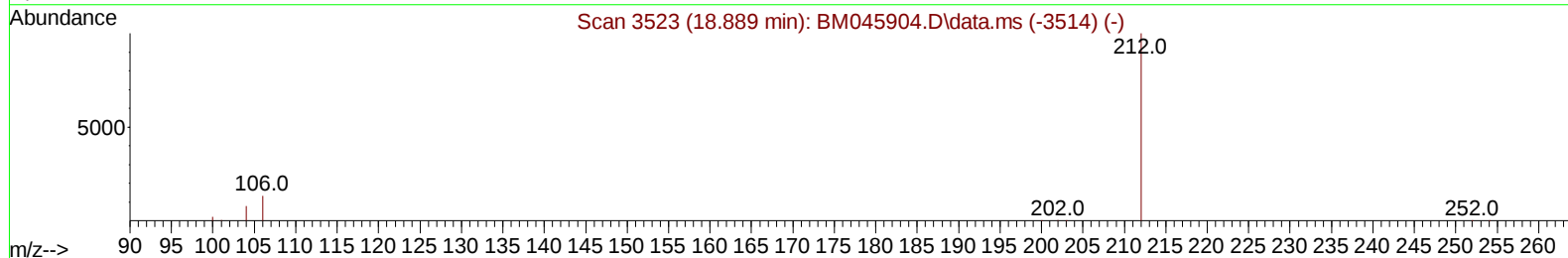
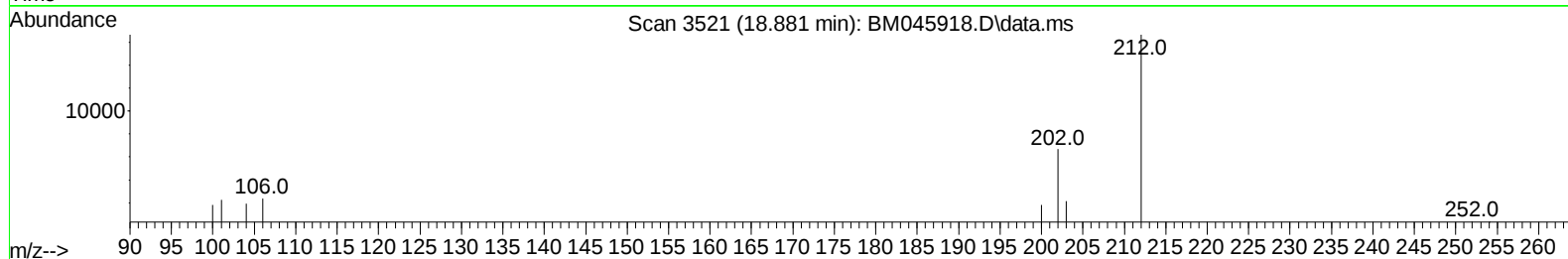
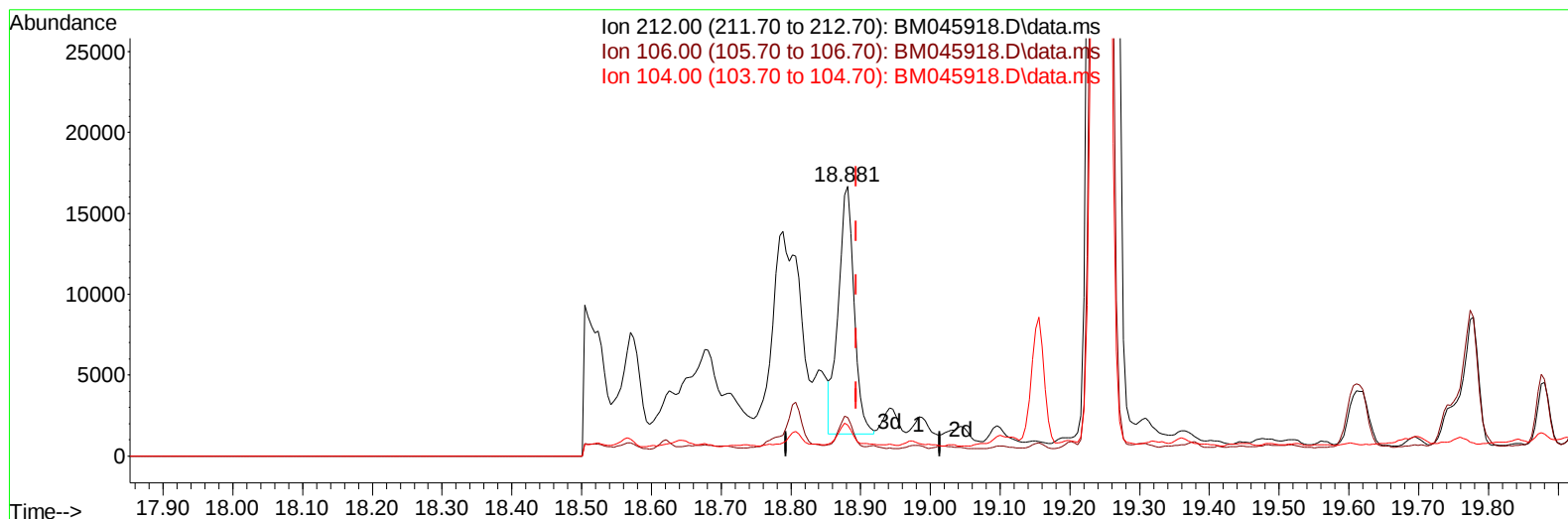
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.881min (-0.013) 0.48 ng/u1 m

response 23988

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.00	1.42#
104.00	8.70	2.49#
0.00	0.00	0.00

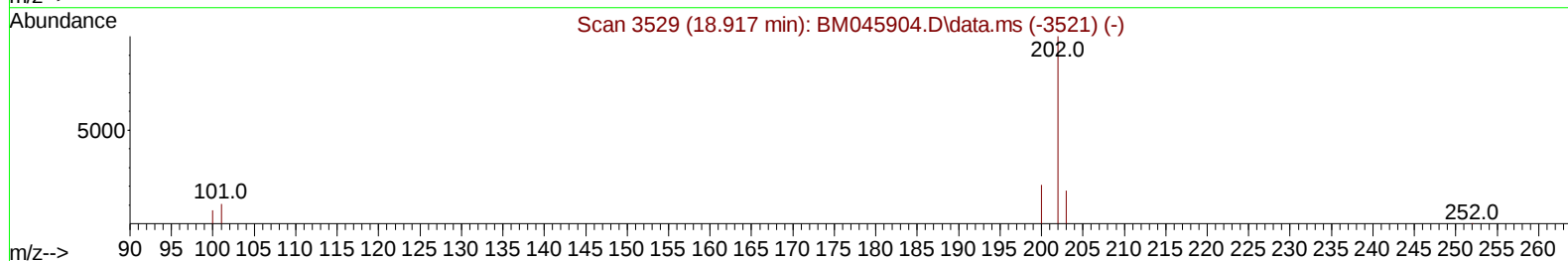
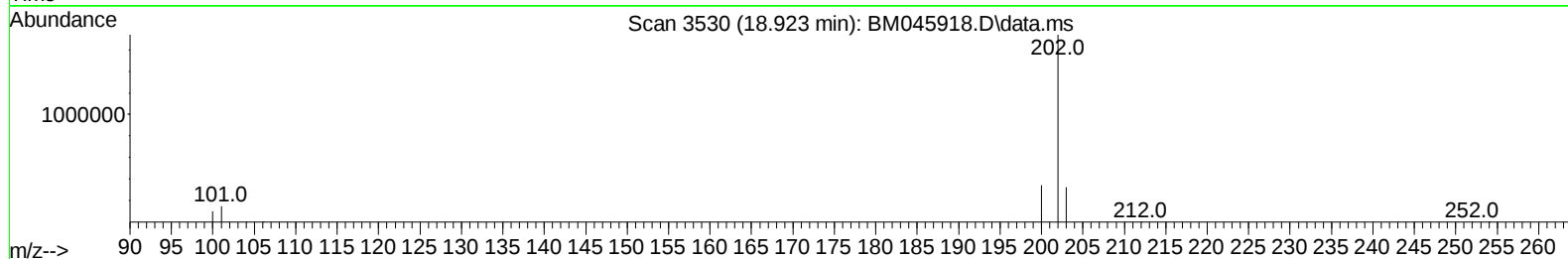
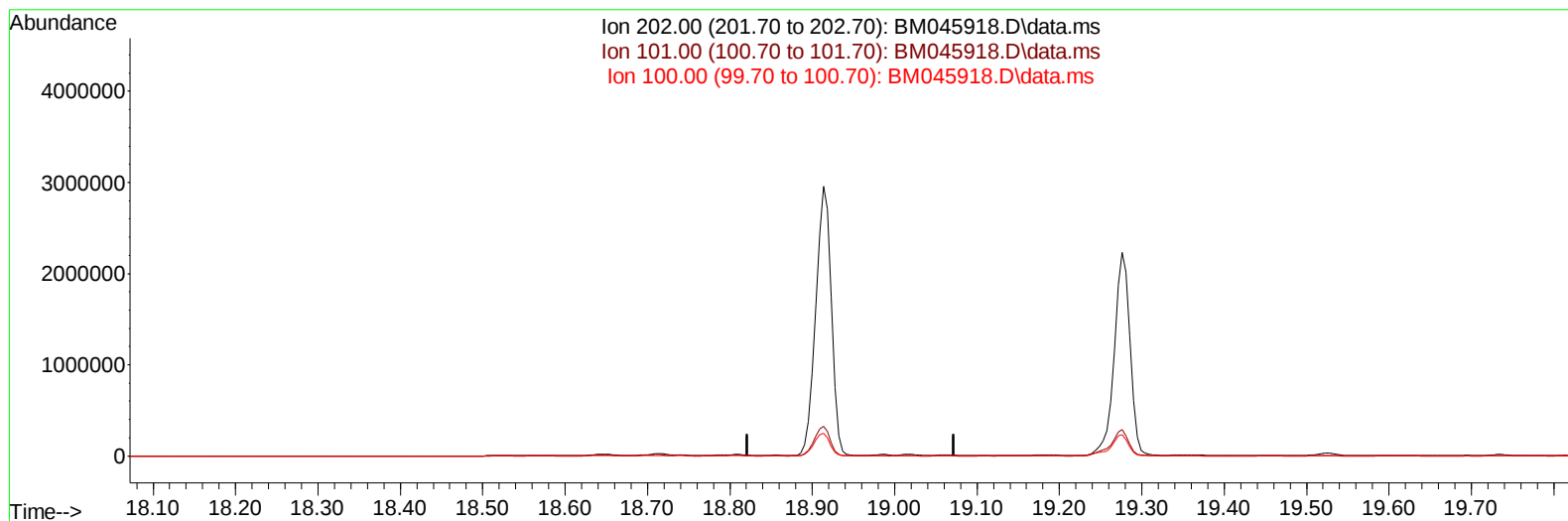
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(19) Fluoranthene (C)

18.922min (-18.922) 0.00 ng/u1

response 0

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

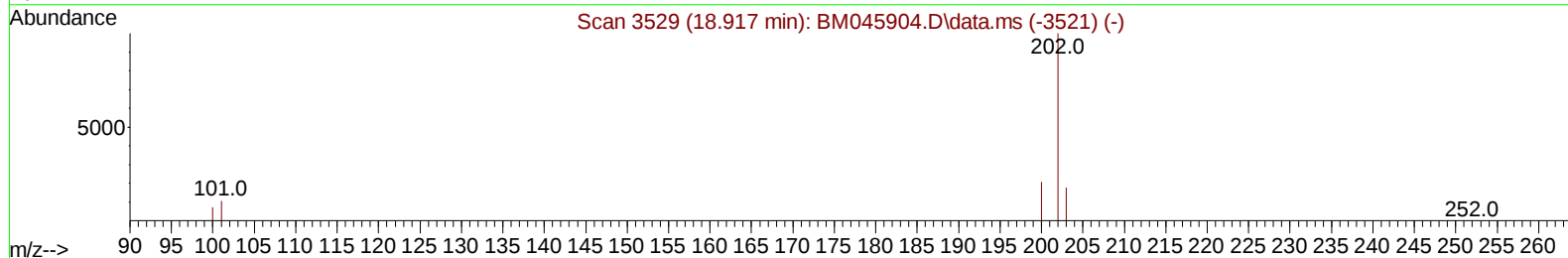
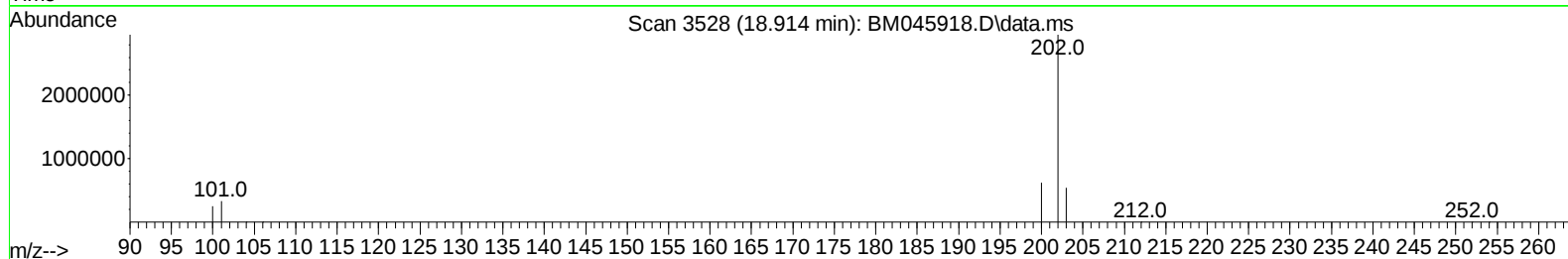
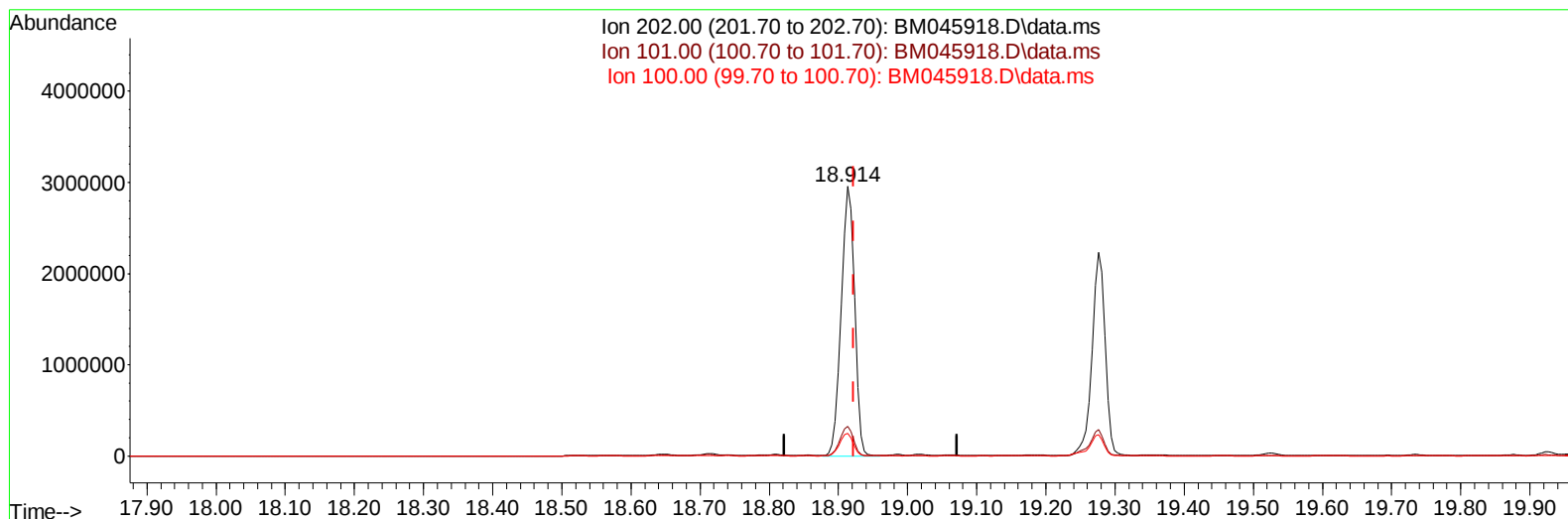
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(19) Fluoranthene (C)

18.914min (-0.008) 59.10 ng/ul m

response 3914445

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	11.09
100.00	8.80	8.40
0.00	0.00	0.00

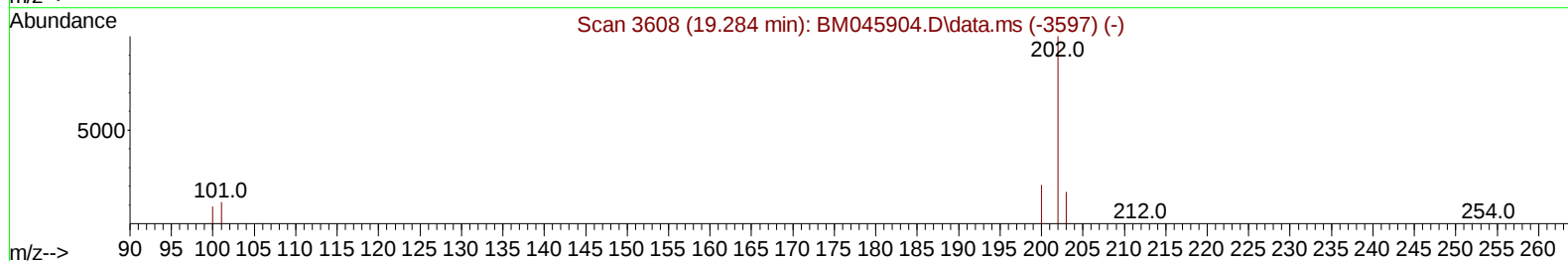
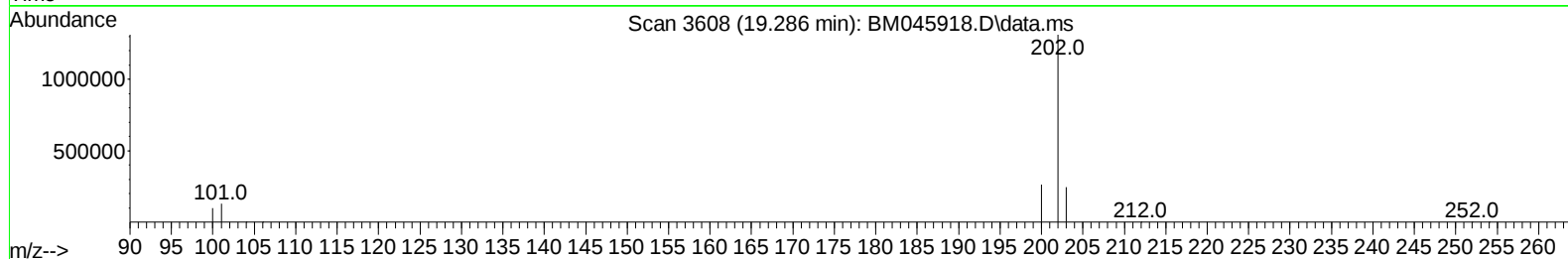
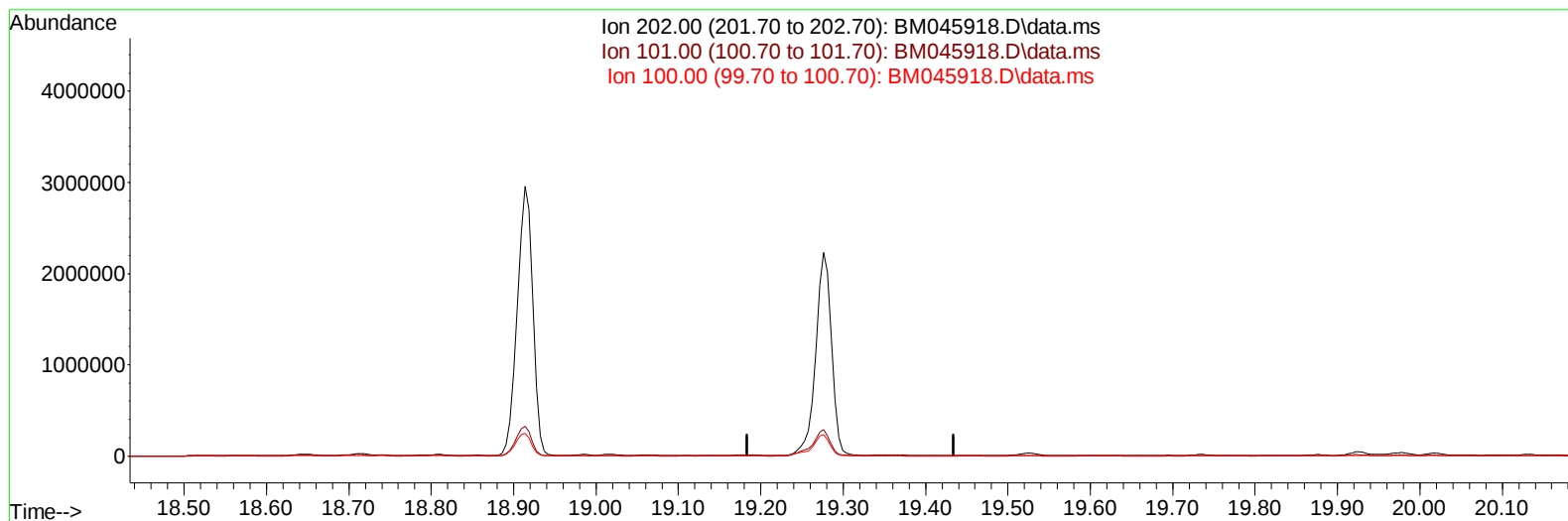
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(20) Pyrene

19.284min (-19.284) 0.00 ng/u1

response 0

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

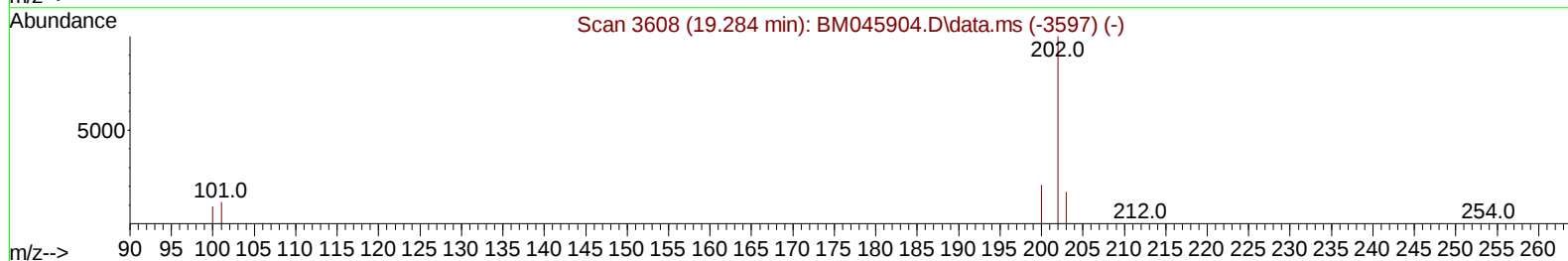
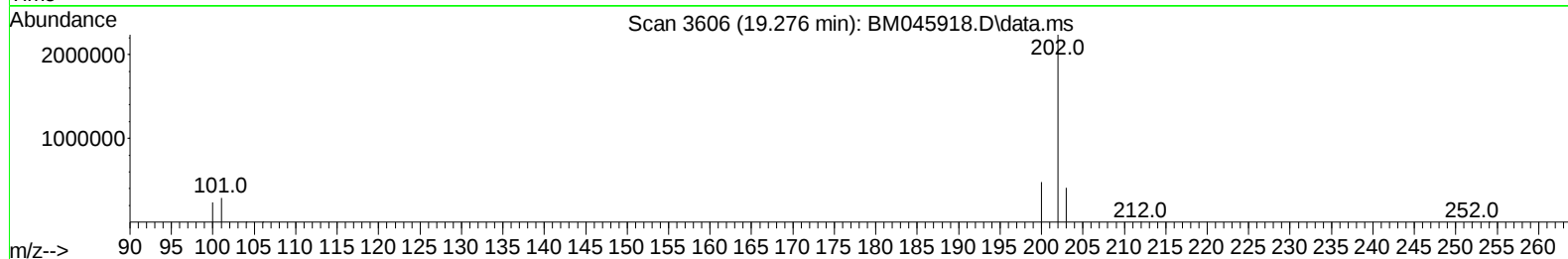
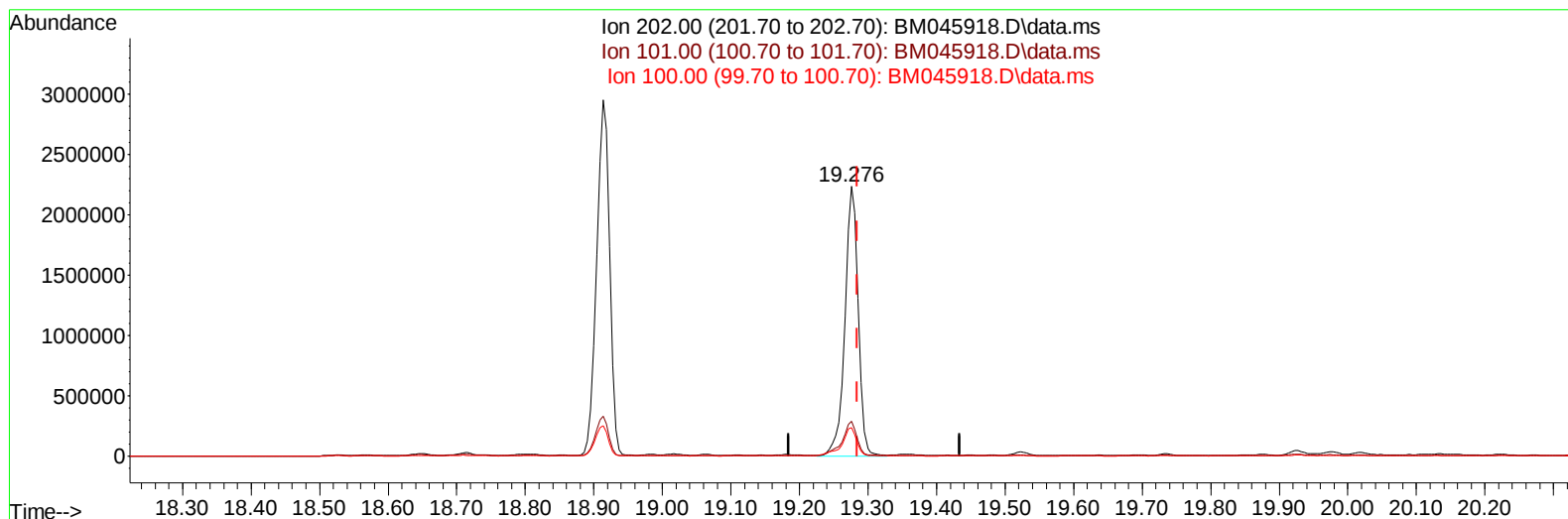
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(20) Pyrene

19.276min (-0.008) 43.50 ng/ul m

response 3006027

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	12.92
100.00	11.40	10.60
0.00	0.00	0.00

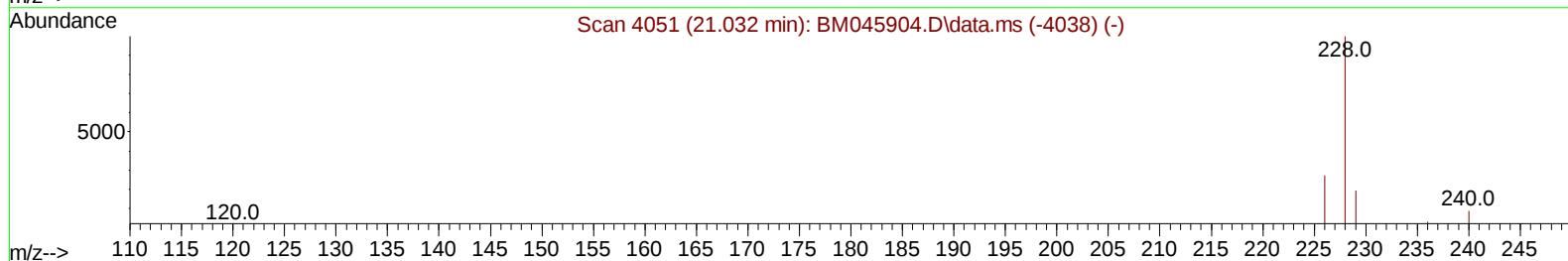
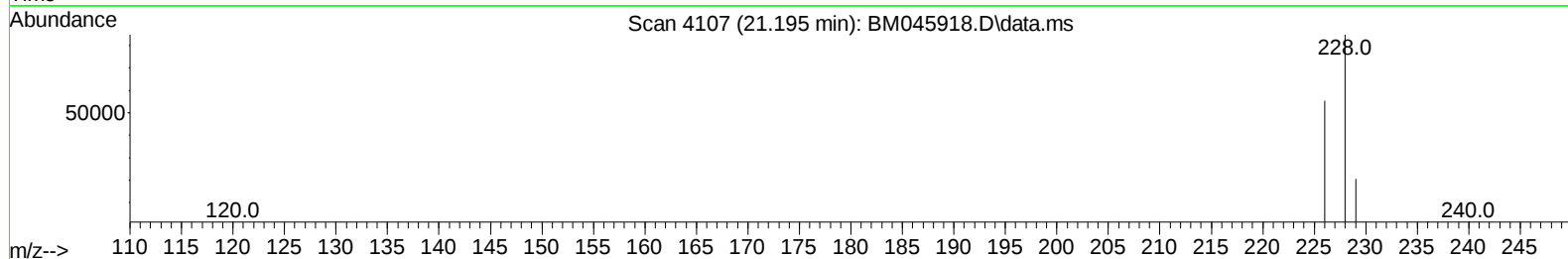
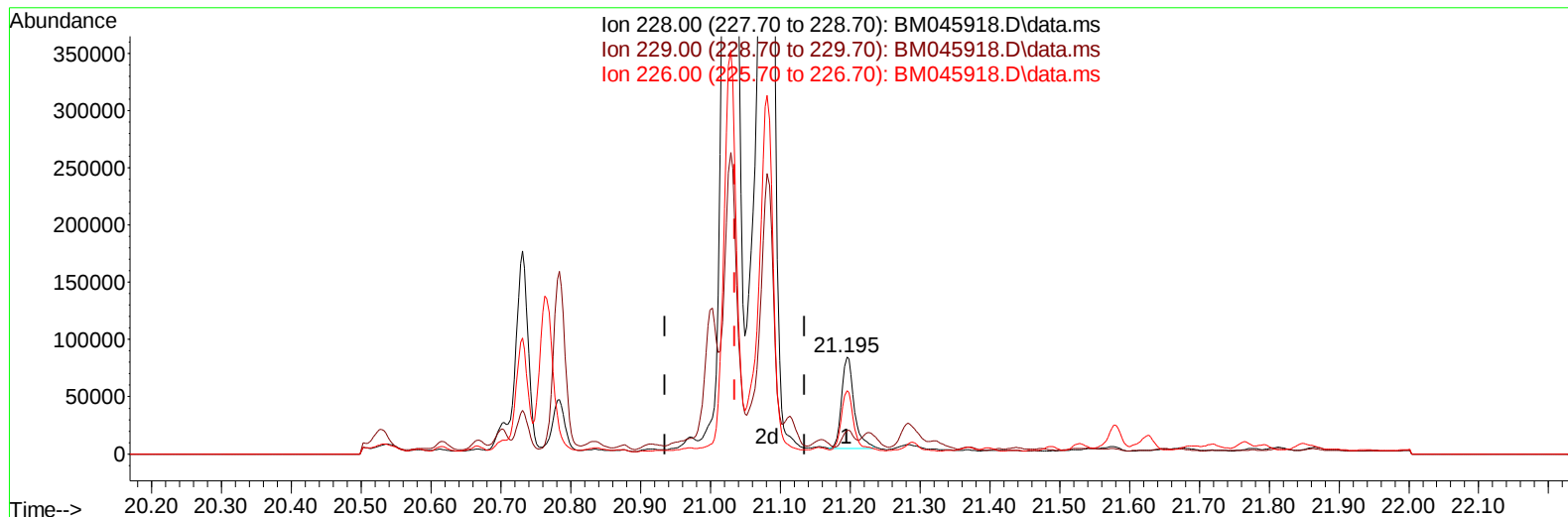
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(21) Benzo(a)anthracene

21.195min (+ 0.160) 1.63 ng/u1

response 99640

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	24.18#
226.00	27.50	65.31#
0.00	0.00	0.00

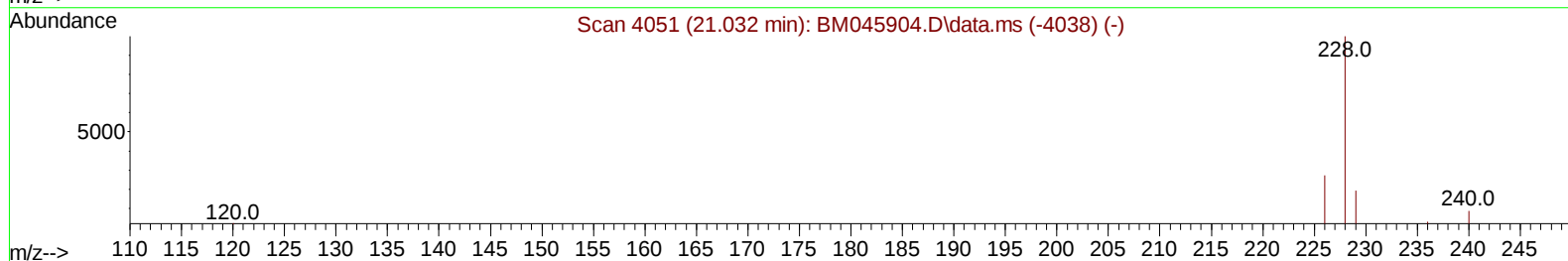
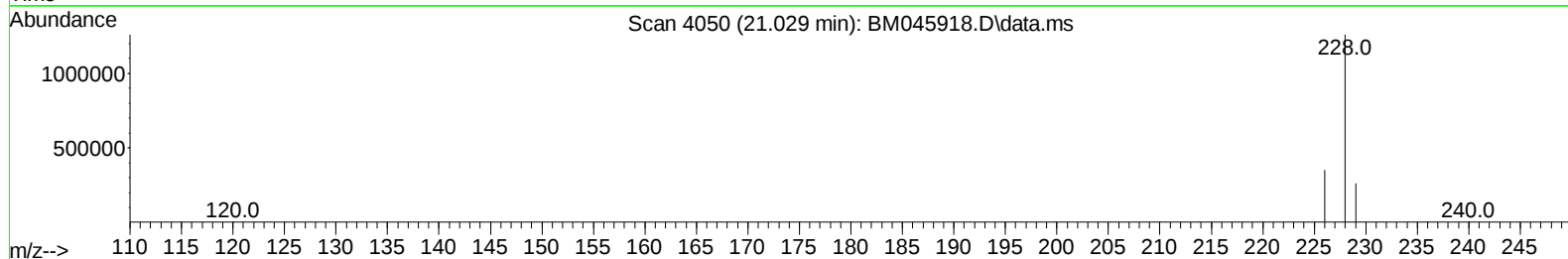
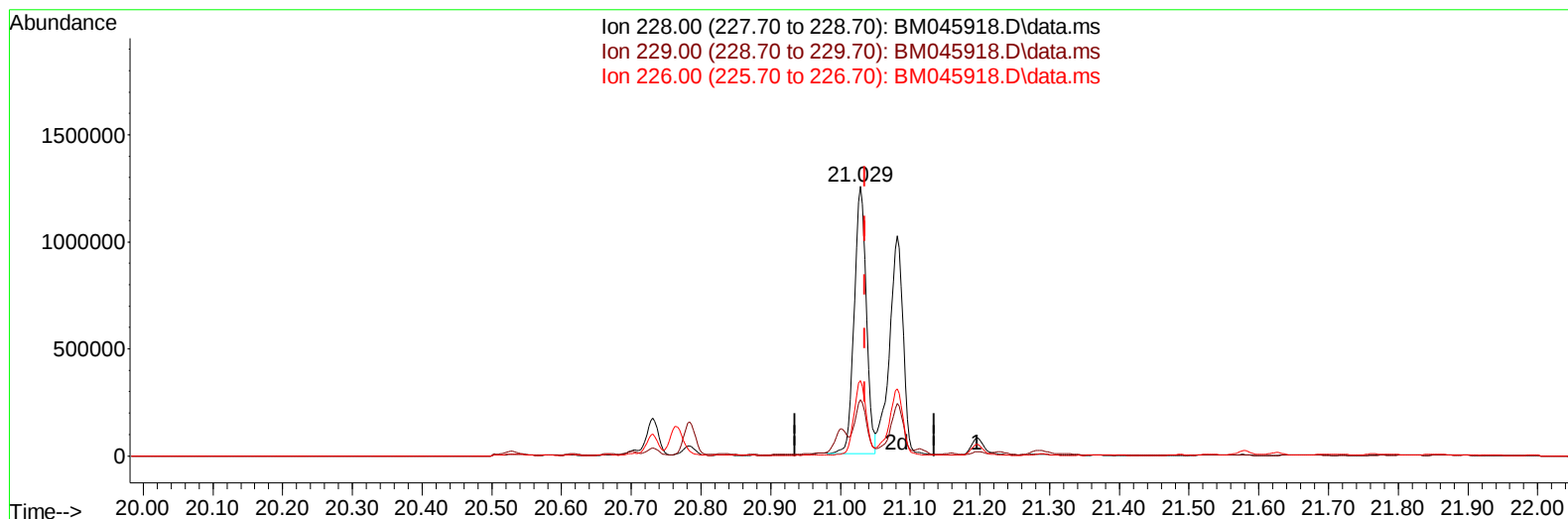
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(21) Benzo(a)anthracene

21.029min (-0.006) 24.81 ng/ul m

response 1512749

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.91
226.00	27.50	28.01
0.00	0.00	0.00

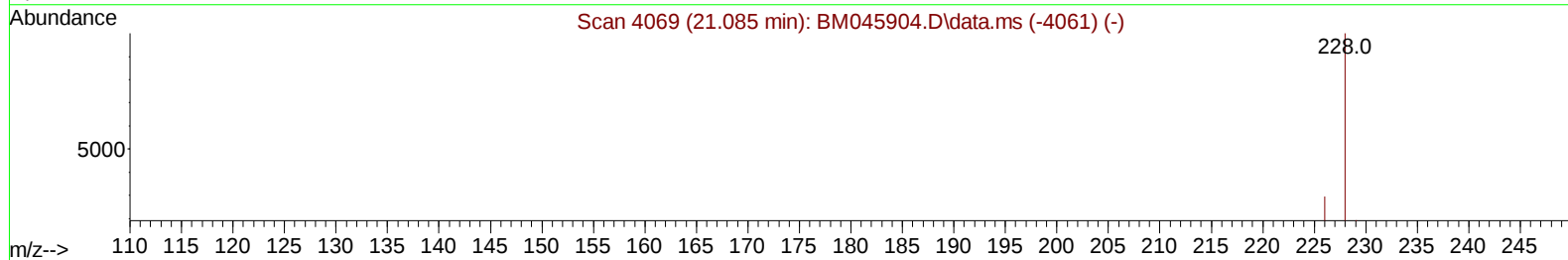
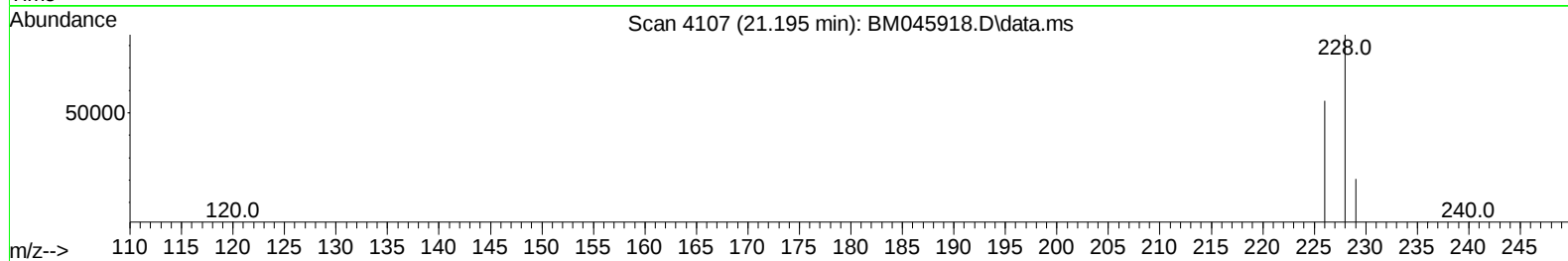
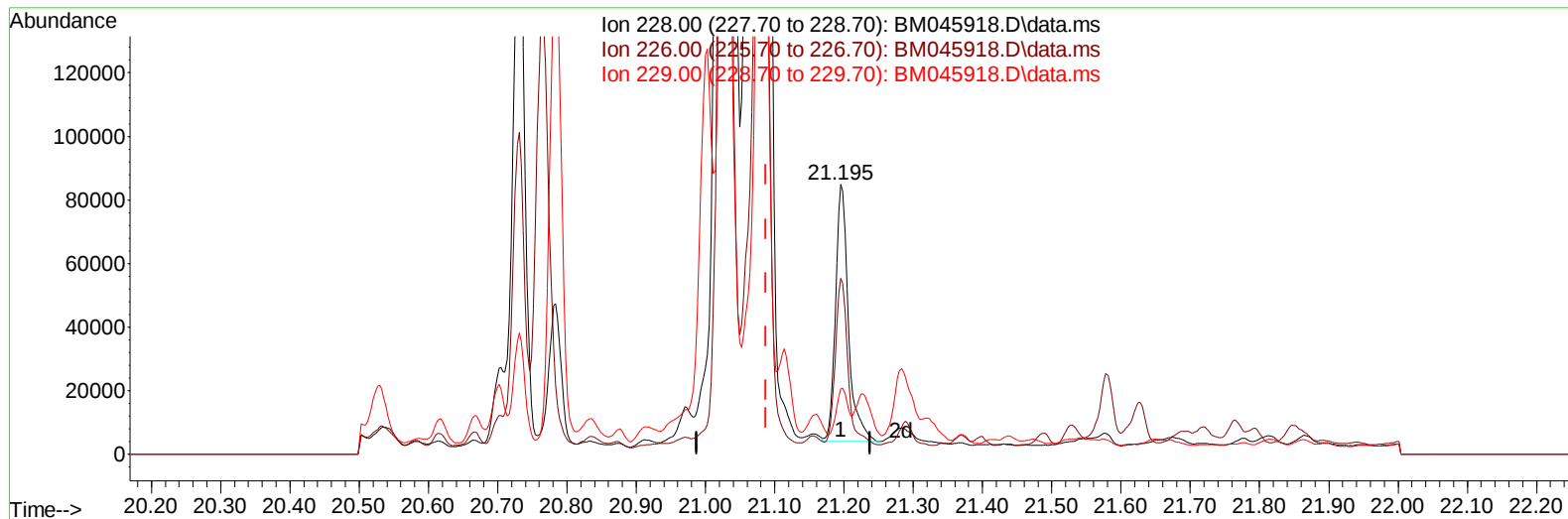
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(22) Chrysene

21.195min (+ 0.108) 1.58 ng/u1

response 104827

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	65.31#
229.00	20.20	24.18
0.00	0.00	0.00

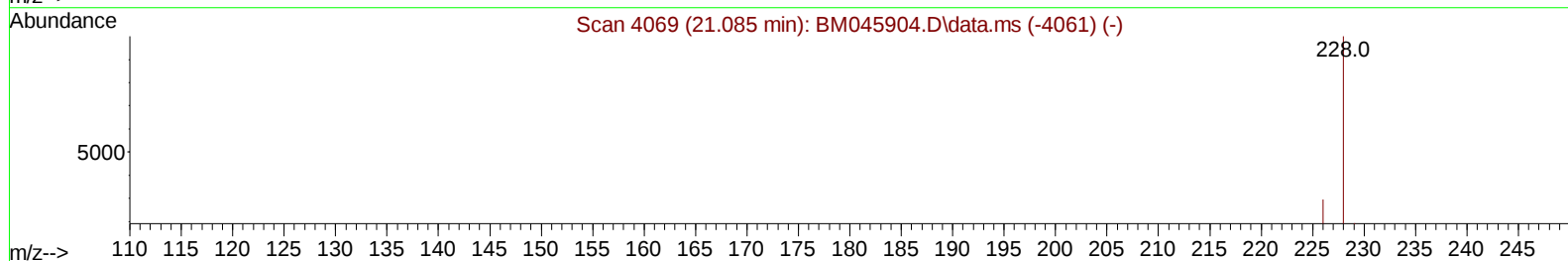
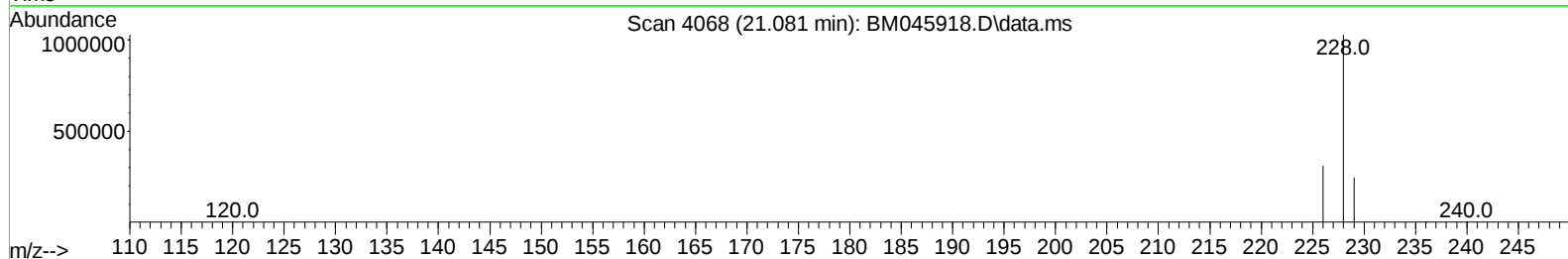
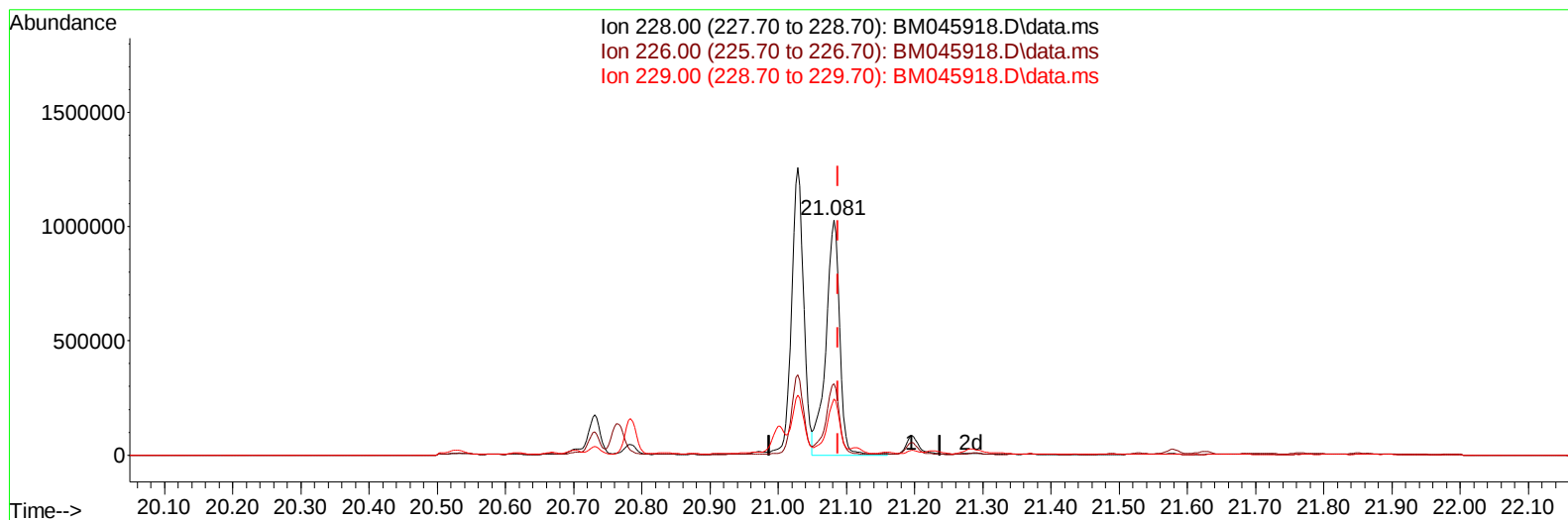
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(22) Chrysene

21.081min (-0.006) 21.80 ng/ul m

response 1447163

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	30.41
229.00	20.20	23.78
0.00	0.00	0.00

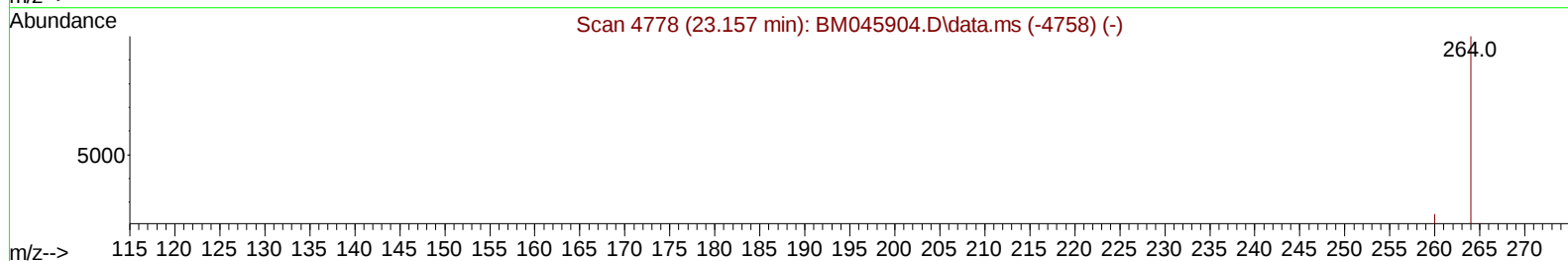
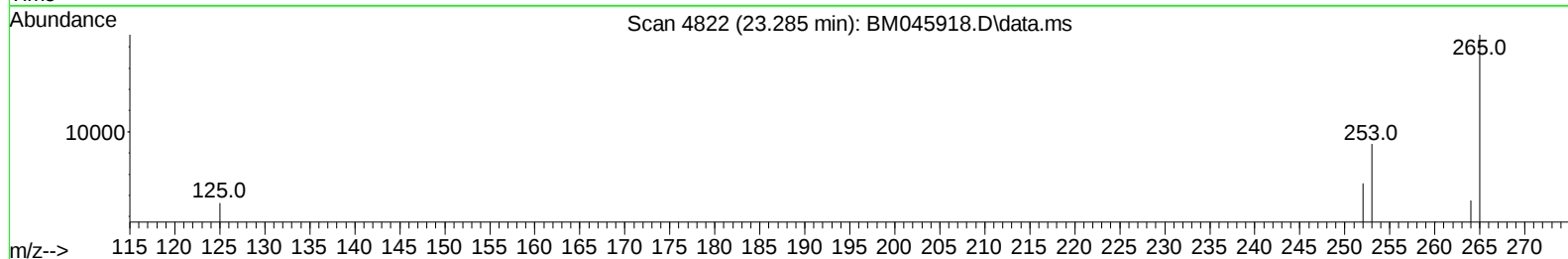
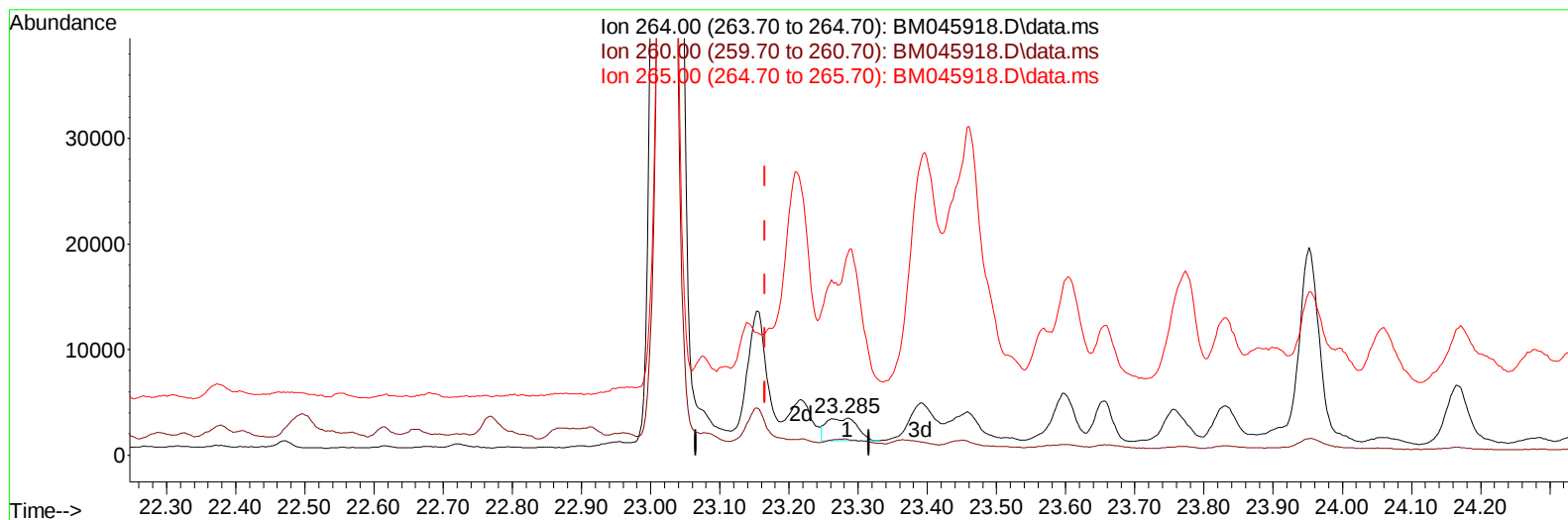
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(23) Perylene-d12 (I)

23.285min (+ 0.119) 0.40 ng/u1

response 6573

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	42.09#
265.00	76.60	547.90#
0.00	0.00	0.00

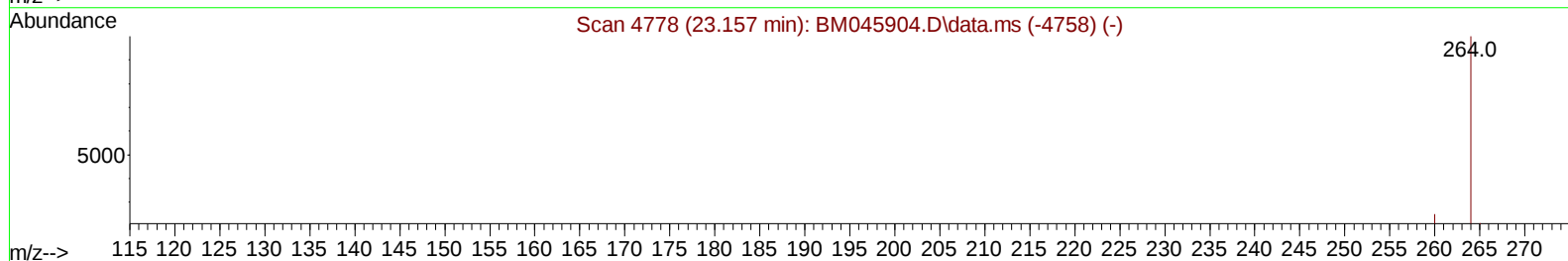
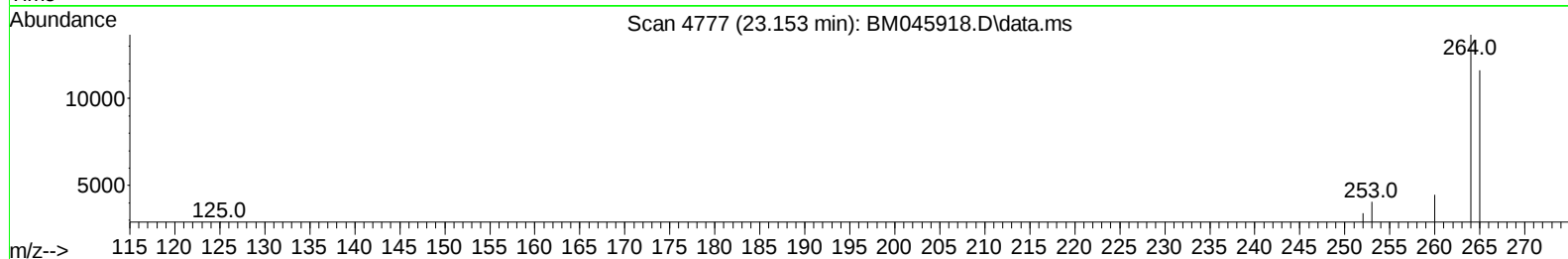
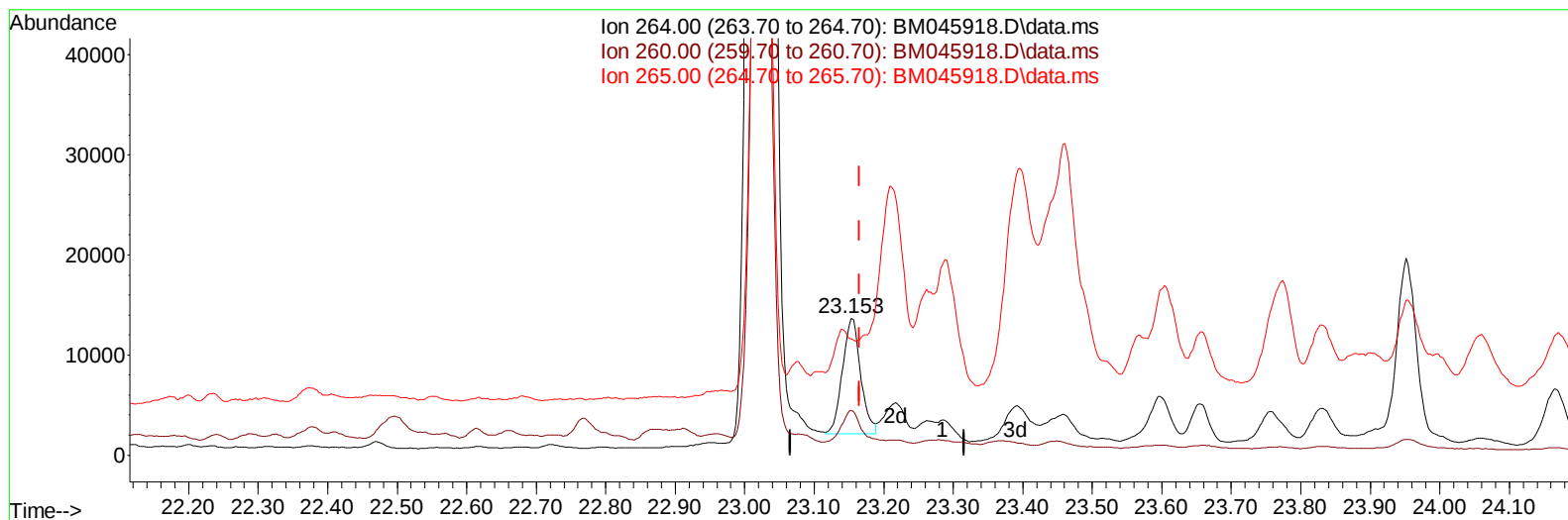
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(23) Perylene-d12 (I)

23.153min (-0.012) 0.40 ng/ul m

response 21109

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	32.65#
265.00	76.60	85.05
0.00	0.00	0.00

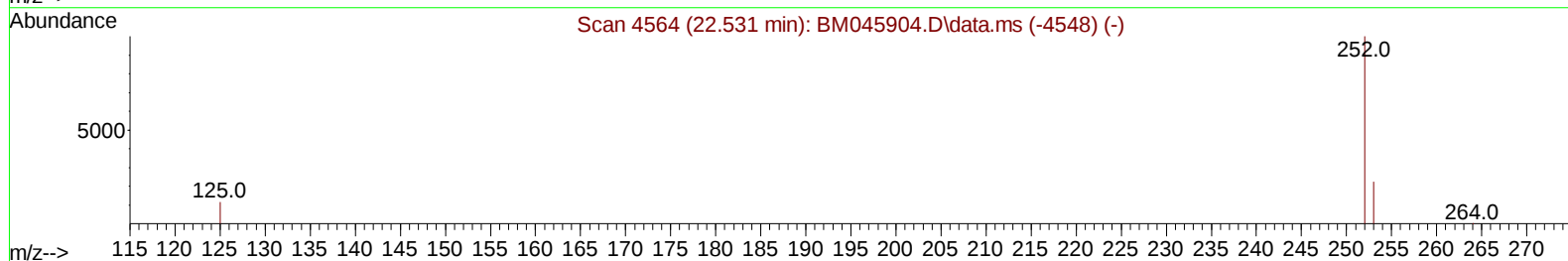
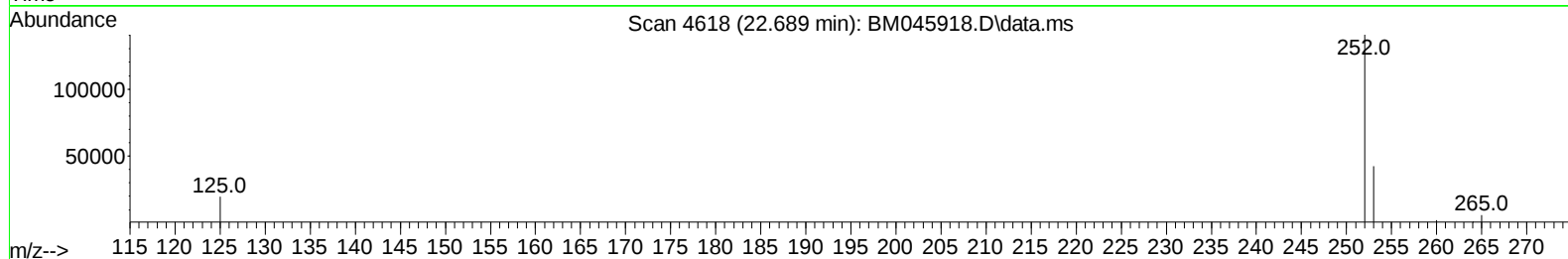
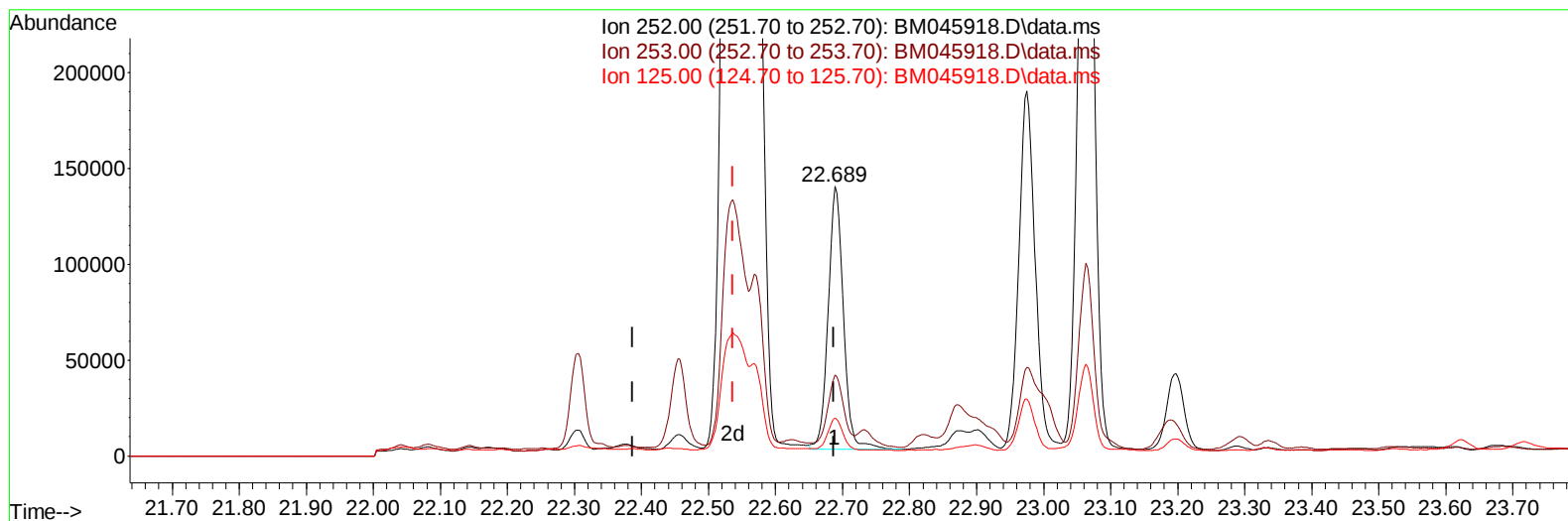
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045918.D
 Acq On : 08 Jun 2024 16:16
 Operator : MA/JU
 Sample : P2640-20
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(24) Benzo(b)fluoranthene

22.689min (+ 0.152) 3.12 ng/u1

response 218218

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	30.08
125.00	17.90	14.04
0.00	0.00	0.00

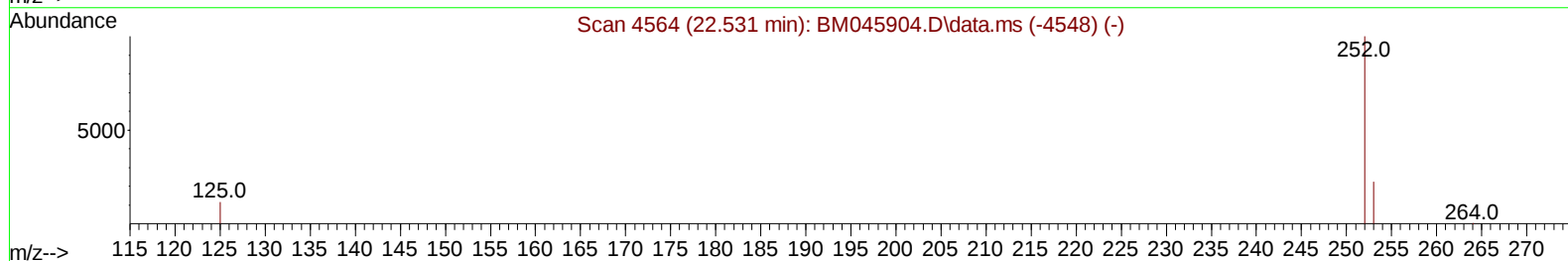
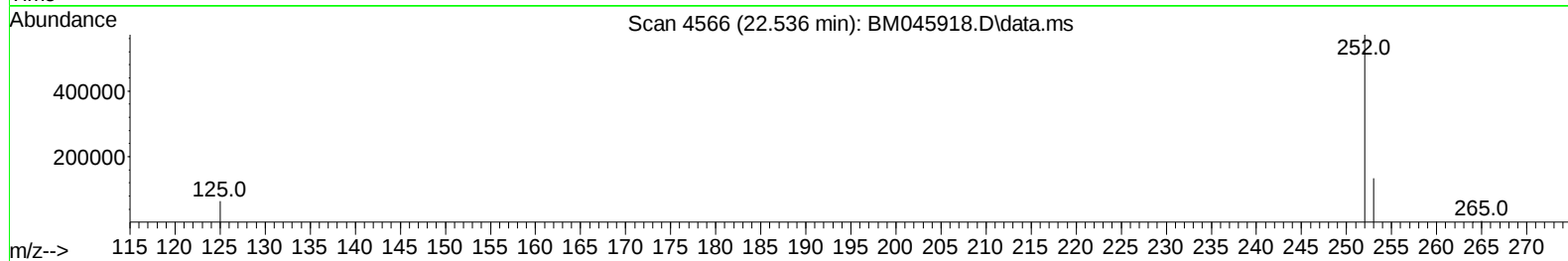
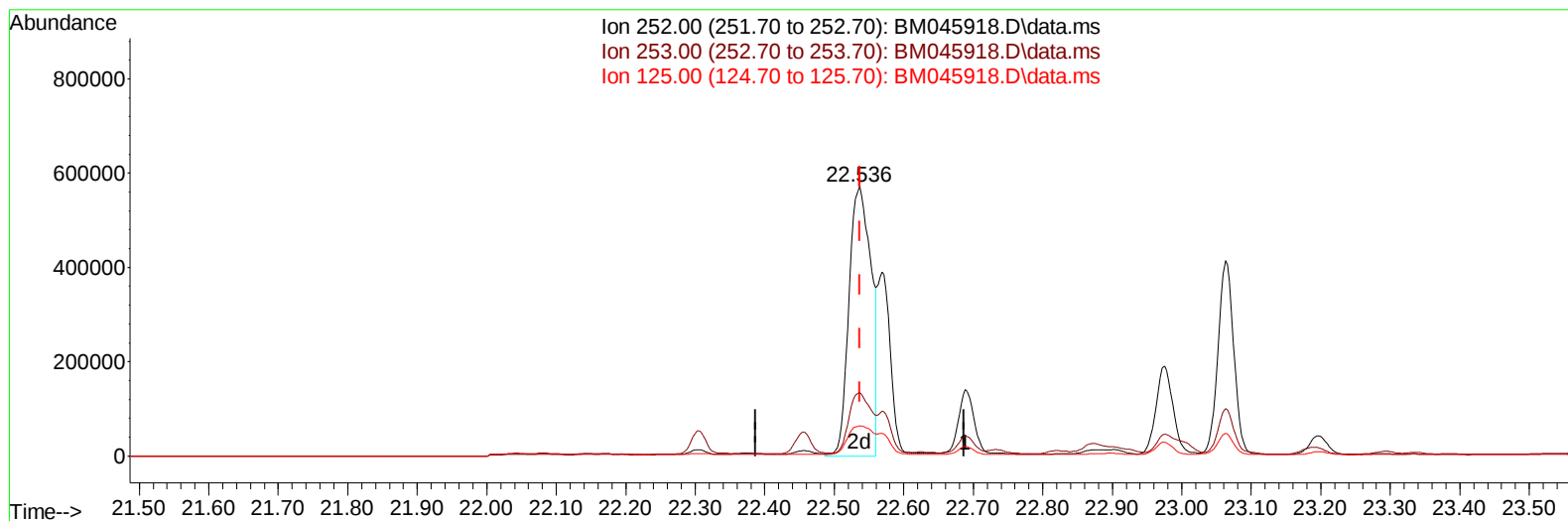
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(24) Benzo(b)fluoranthene

22.536min (-0.001) 18.23 ng/u1 m

response 1276573

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	23.41
125.00	17.90	11.29
0.00	0.00	0.00

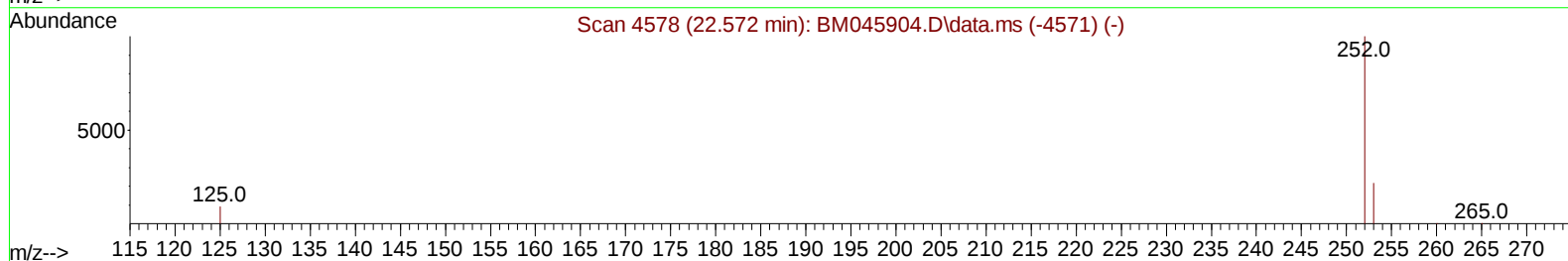
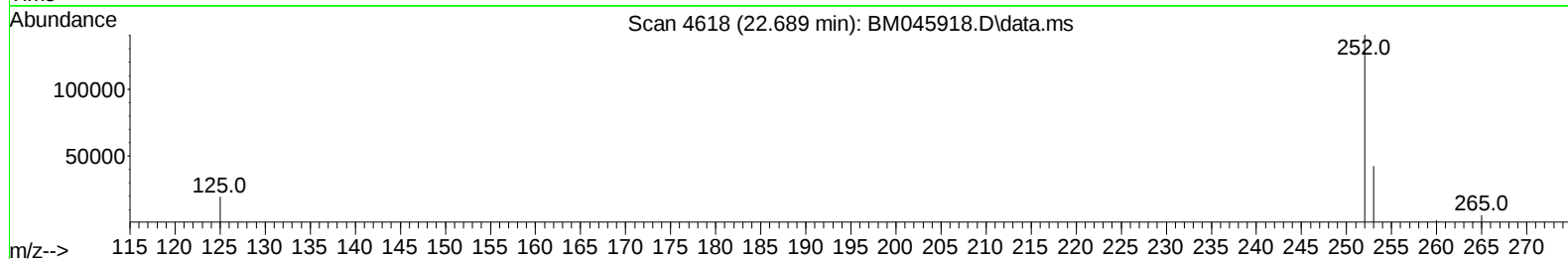
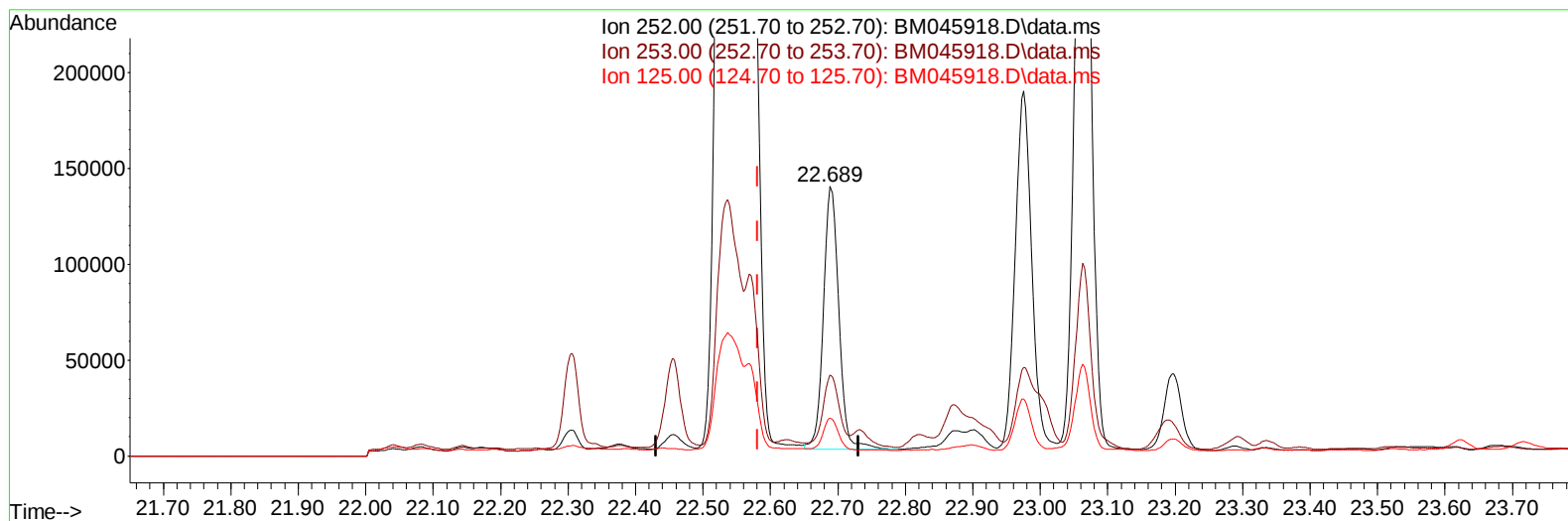
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(25) Benzo(k)fluoranthene

22.689min (+ 0.108) 2.84 ng/u1

response 218218

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	30.08
125.00	17.70	14.04#
0.00	0.00	0.00

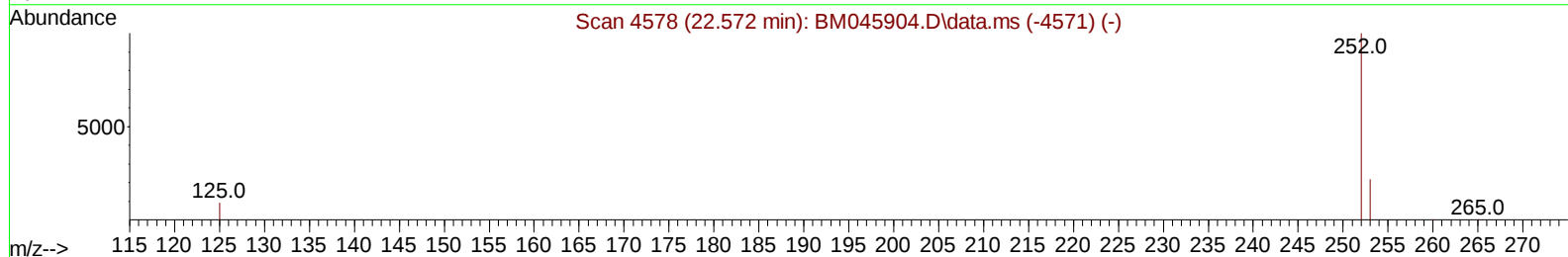
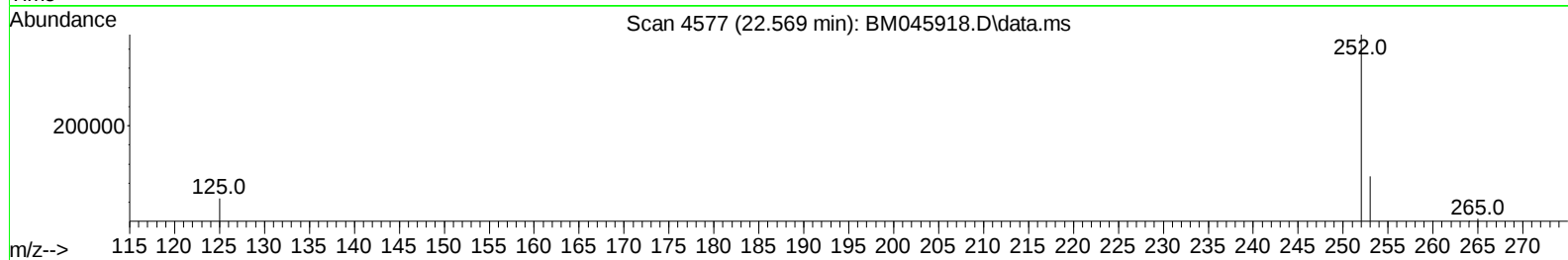
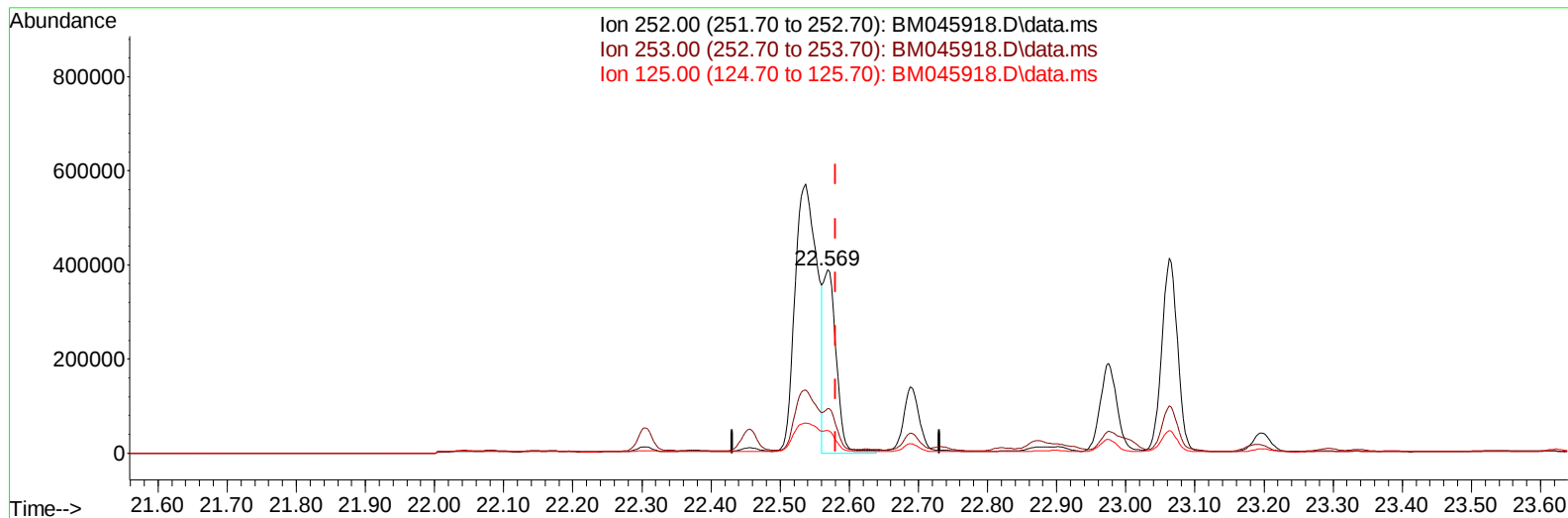
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(25) Benzo(k)fluoranthene

22.569min (-0.012) 6.60 ng/u1 m

response 507829

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	24.30#
125.00	17.70	12.40#
0.00	0.00	0.00

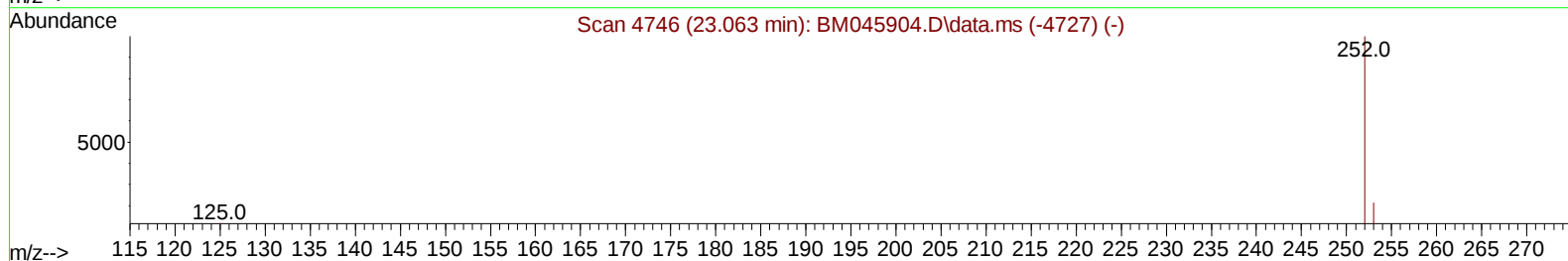
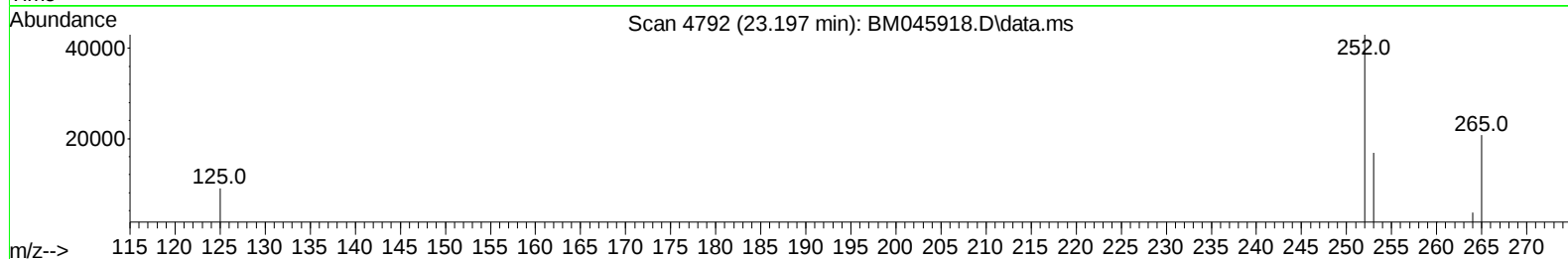
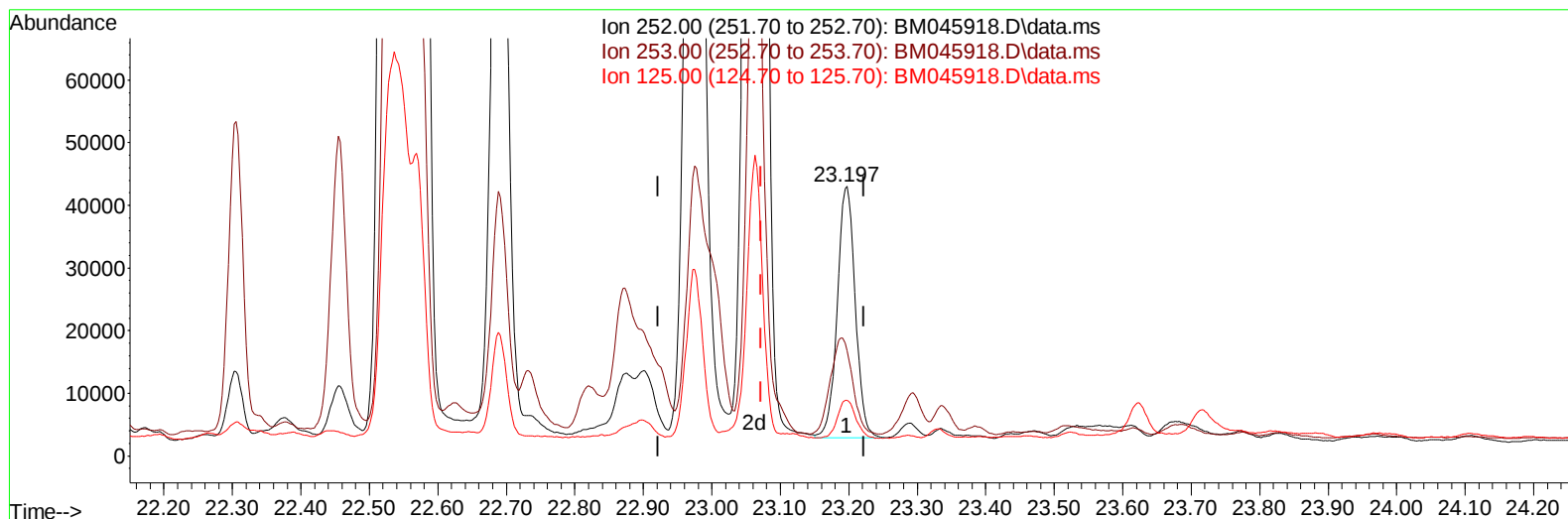
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(26) Benzo(a)pyrene (C)

23.197min (+ 0.125) 1.05 ng/u1

response 73207

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	39.11
125.00	21.60	20.76
0.00	0.00	0.00

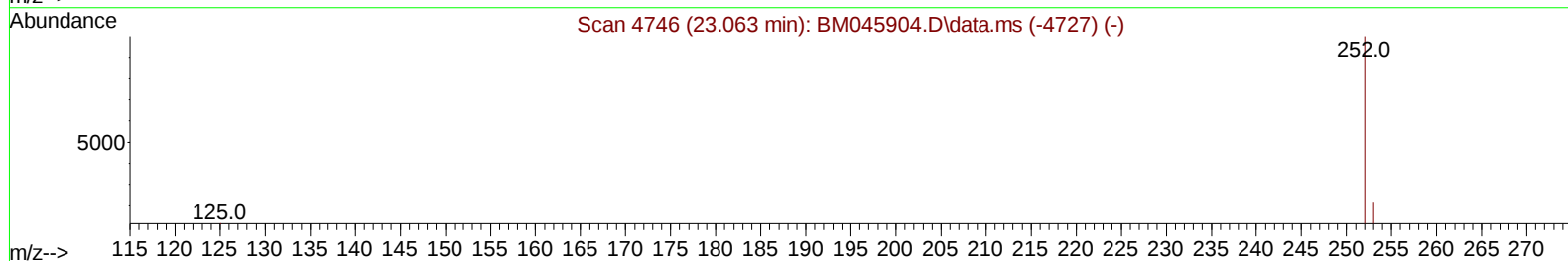
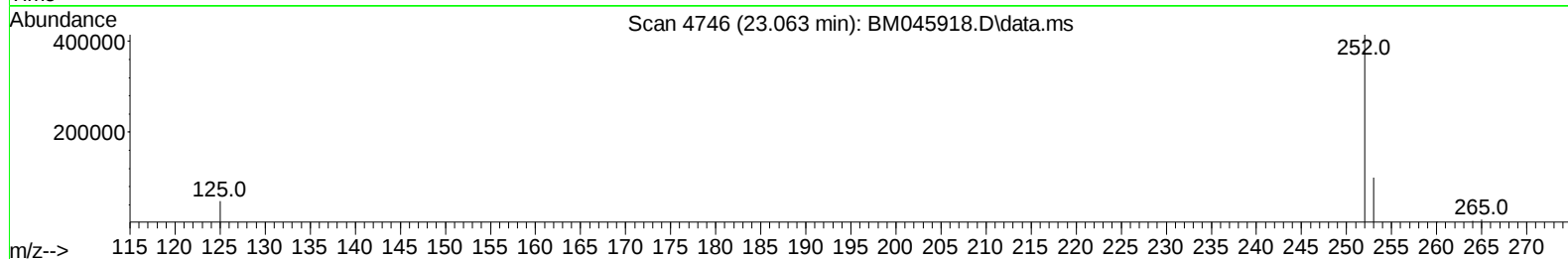
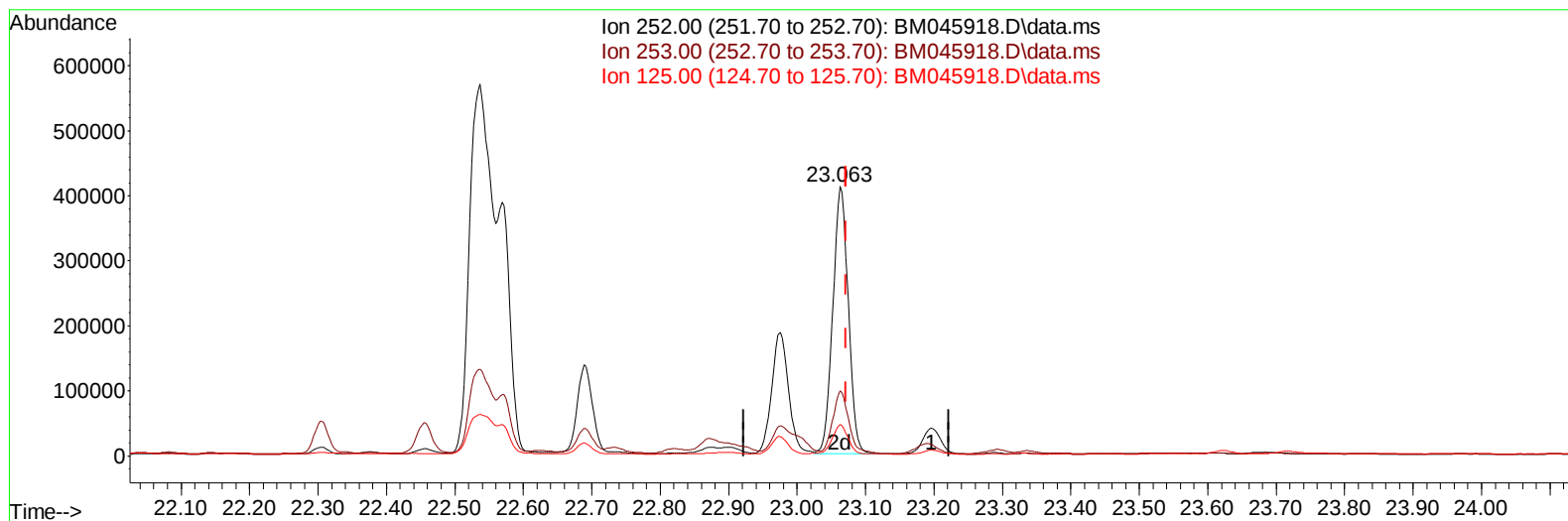
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(26) Benzo(a)pyrene (C)

23.063min (-0.009) 9.33 ng/u1 m

response 649822

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	24.24#
125.00	21.60	11.58#
0.00	0.00	0.00

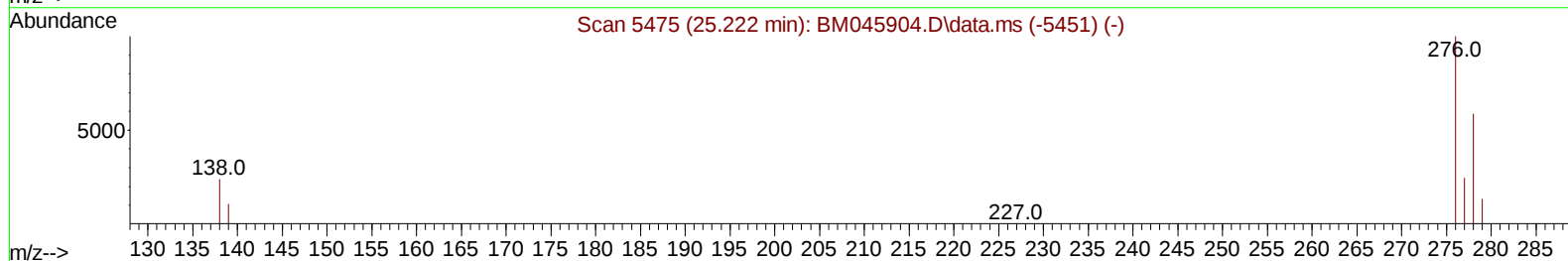
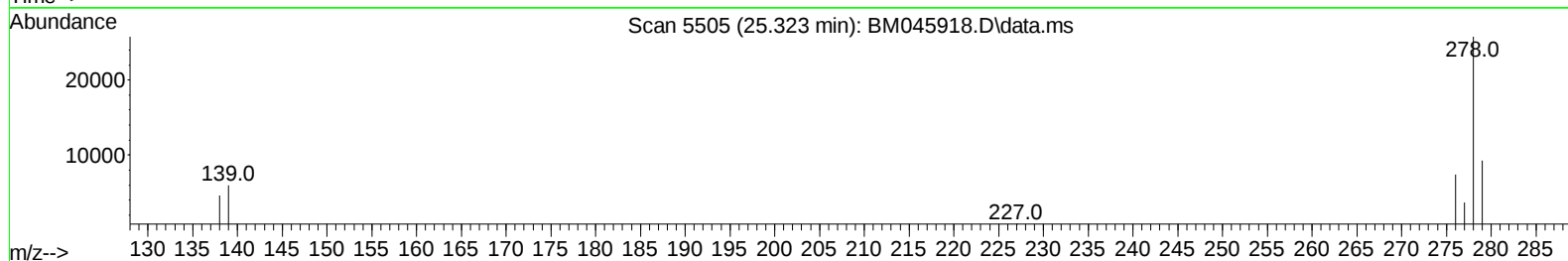
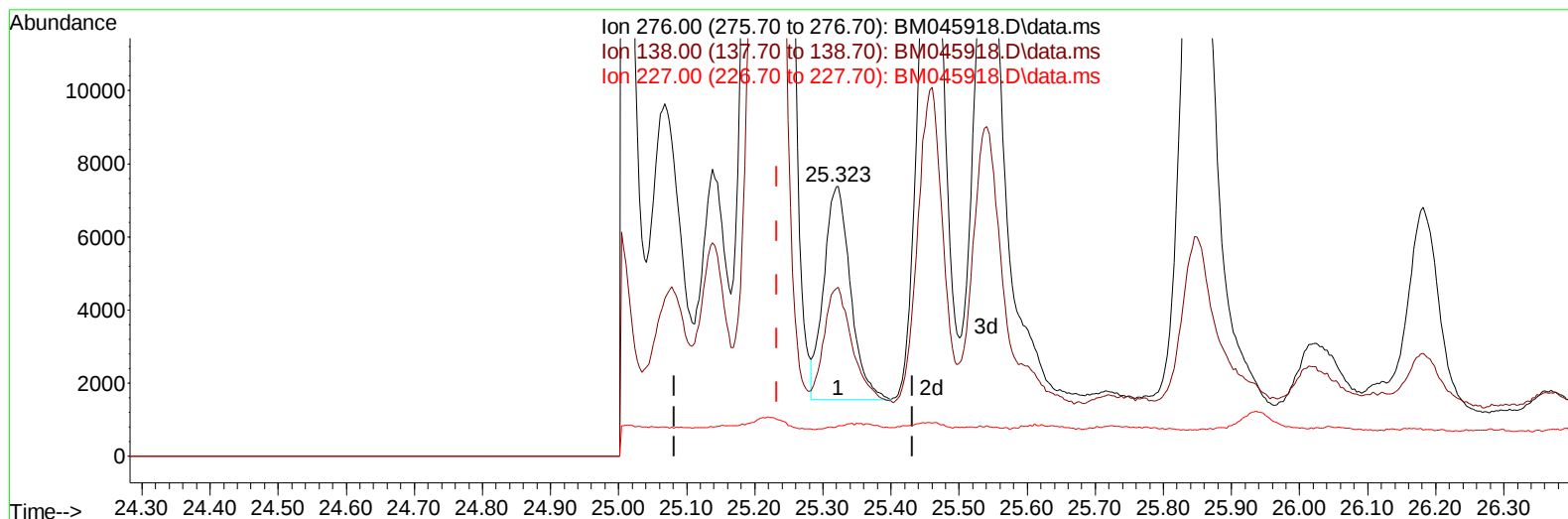
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

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

25.323min (+ 0.090) 0.18 ng/u1

response 15974

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	57.49#
227.00	0.20	0.41#
0.00	0.00	0.00

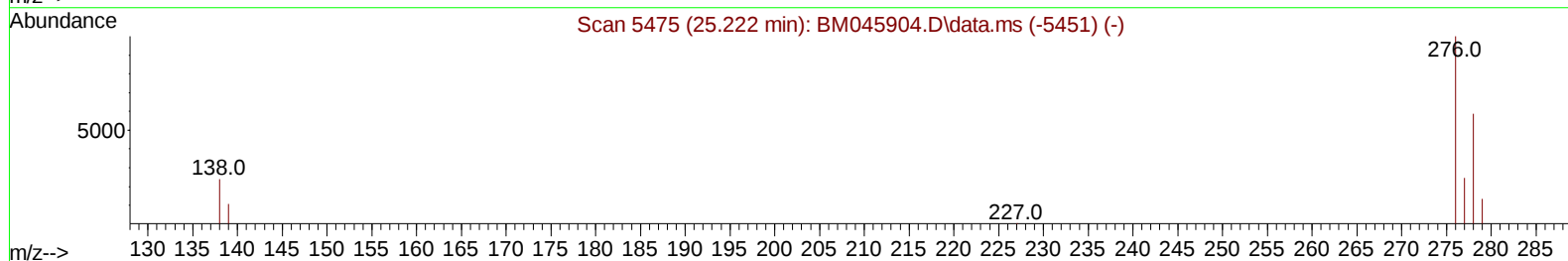
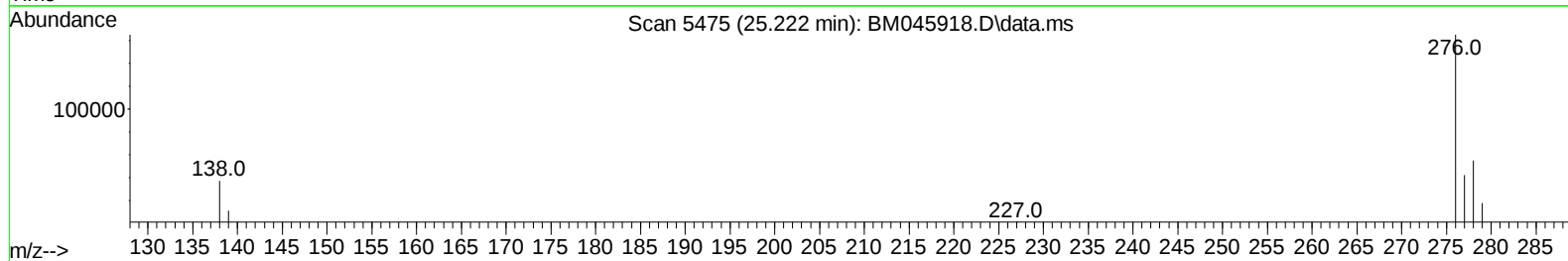
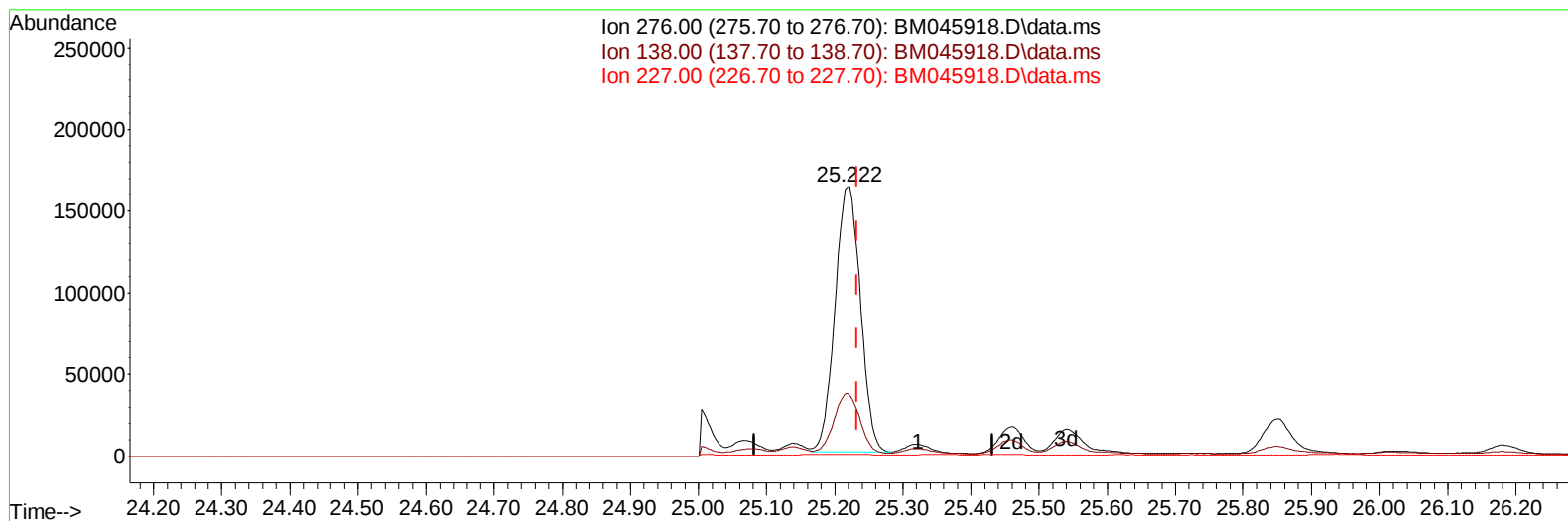
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

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

25.222min (-0.010) 4.68 ng/u1 m

response 421069

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	2.18#
227.00	0.20	0.02#
0.00	0.00	0.00

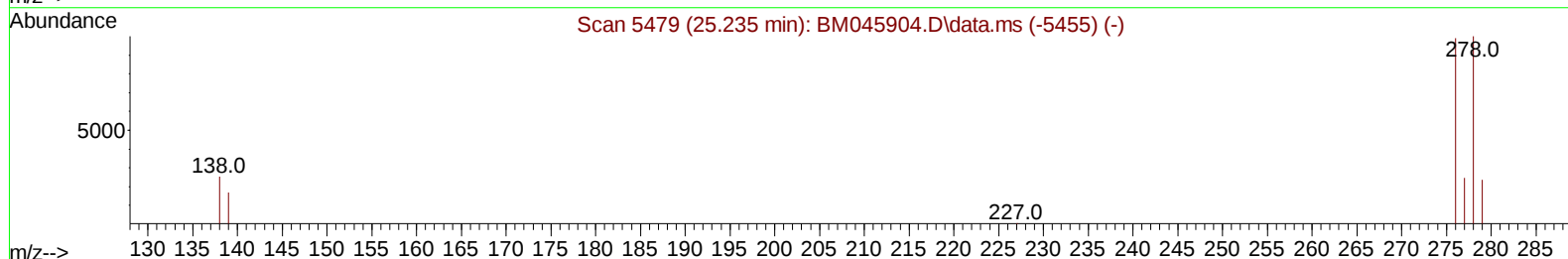
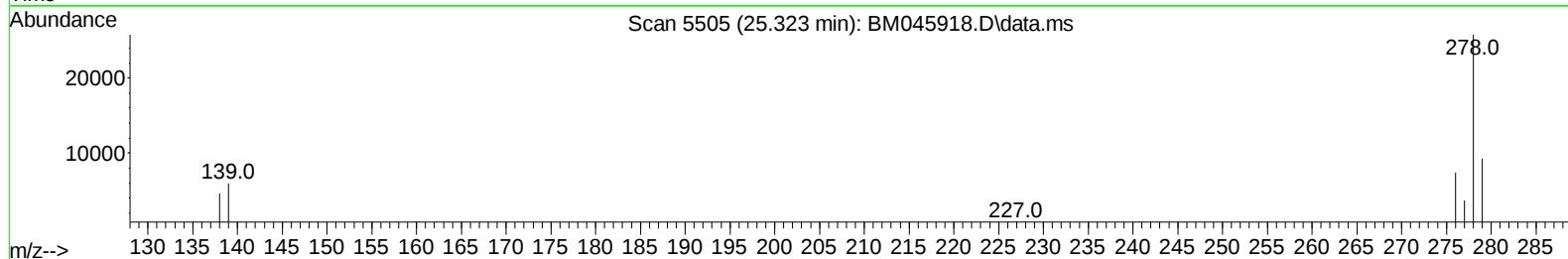
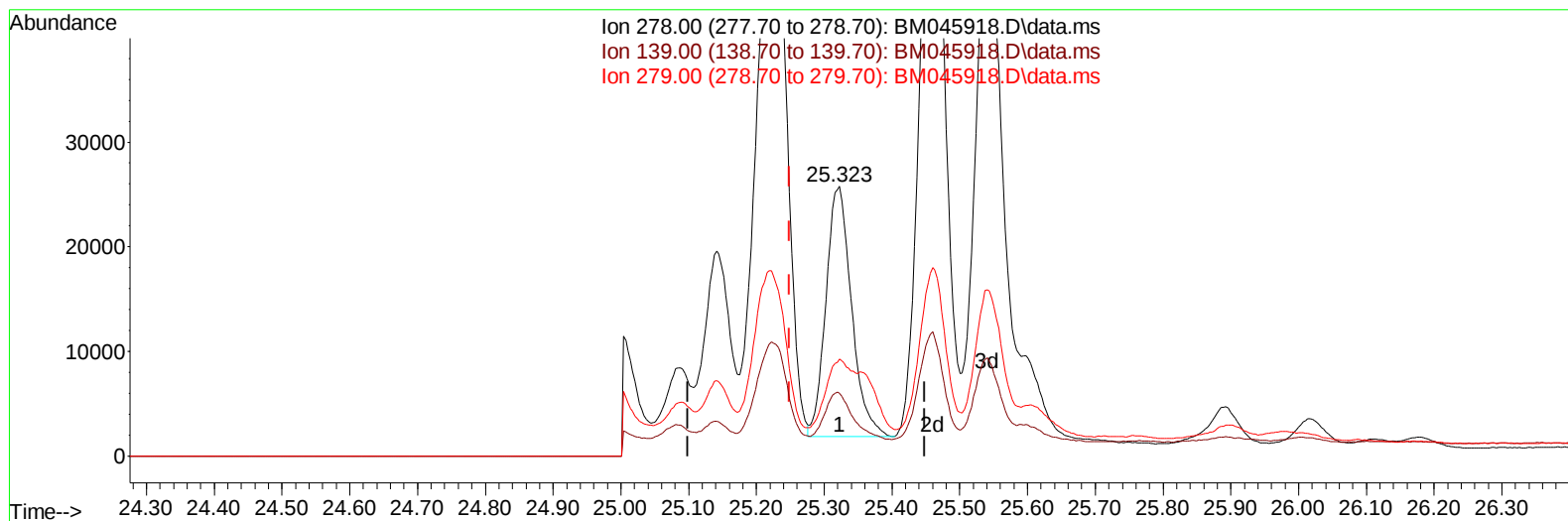
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(28) Dibenzo(a,h)anthracene

25.323min (+ 0.074) 0.87 ng/u1

response 62682

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	23.16
279.00	30.80	36.04
0.00	0.00	0.00

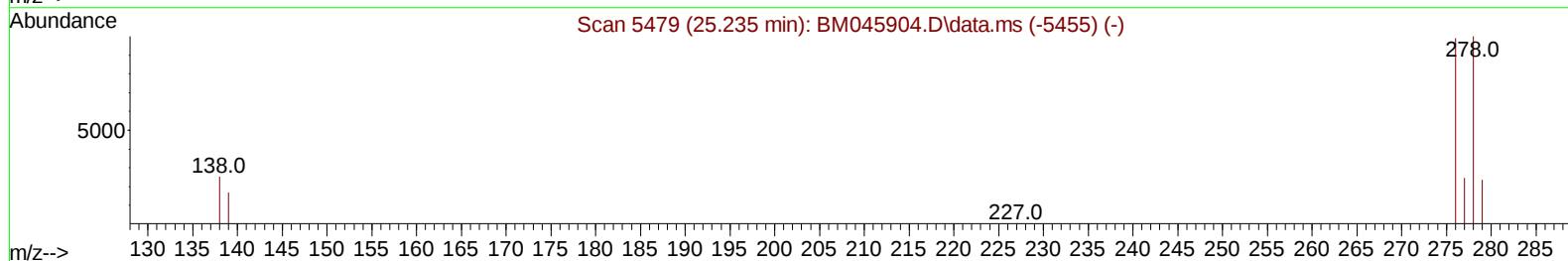
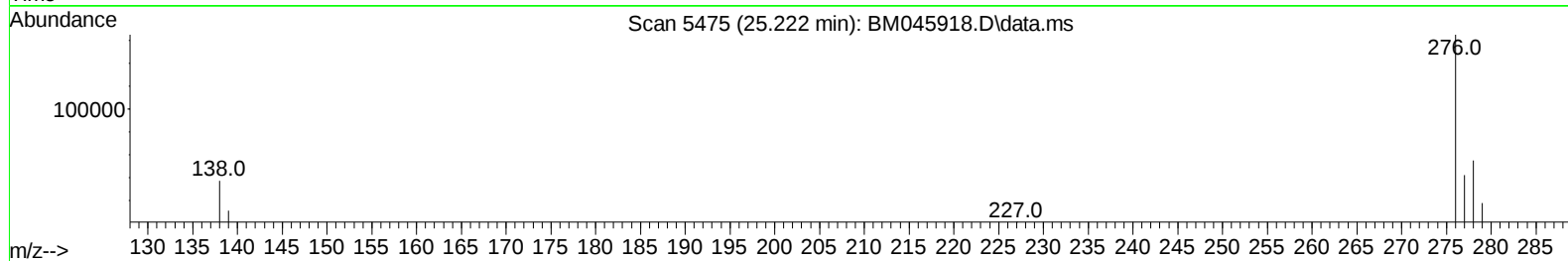
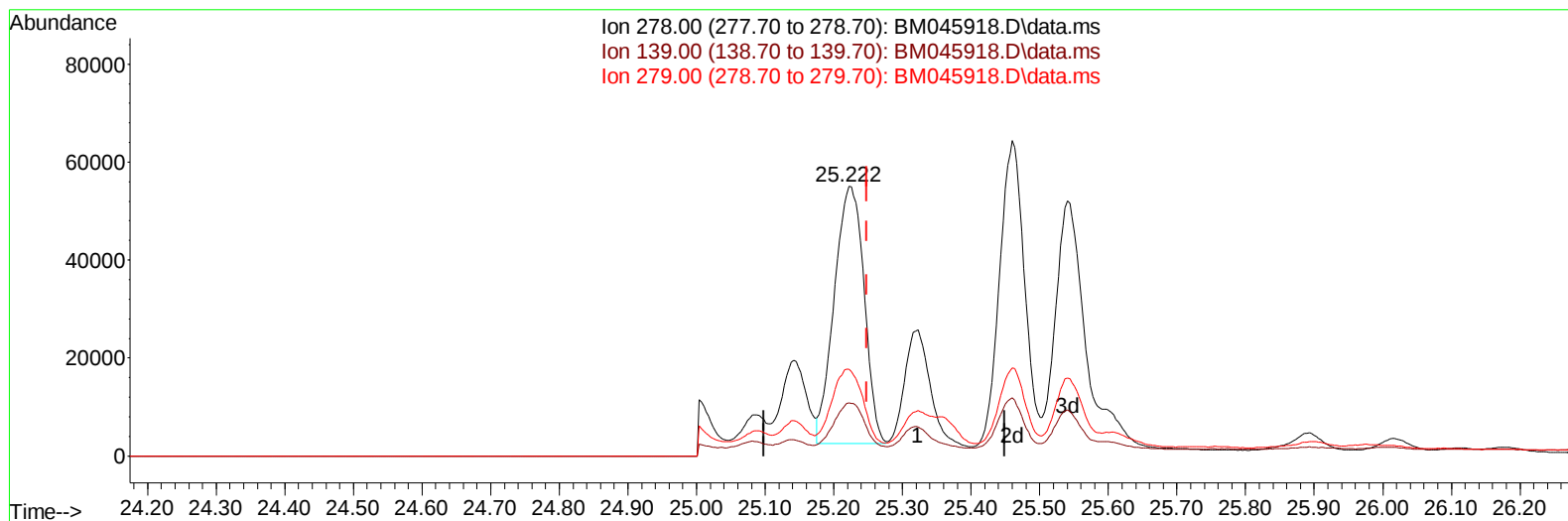
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

(28) Dibenzo(a,h)anthracene

25.222min (-0.027) 2.20 ng/u1 m

response 158289

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	19.80
279.00	30.80	32.17
0.00	0.00	0.00

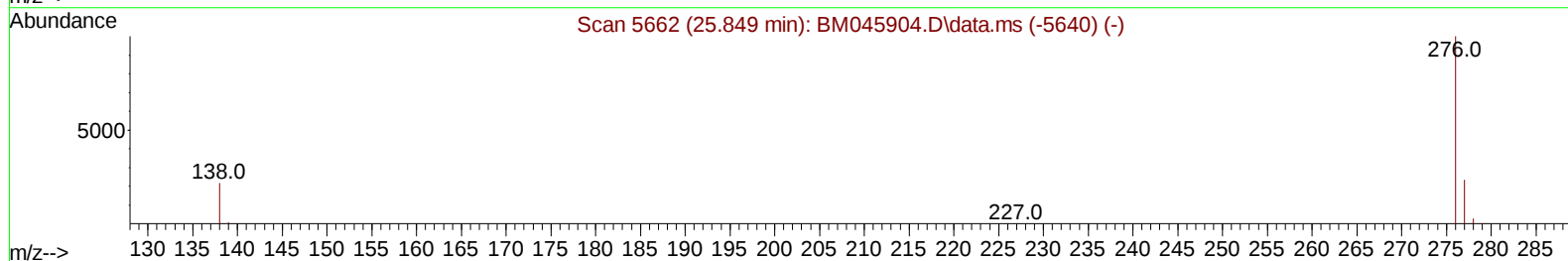
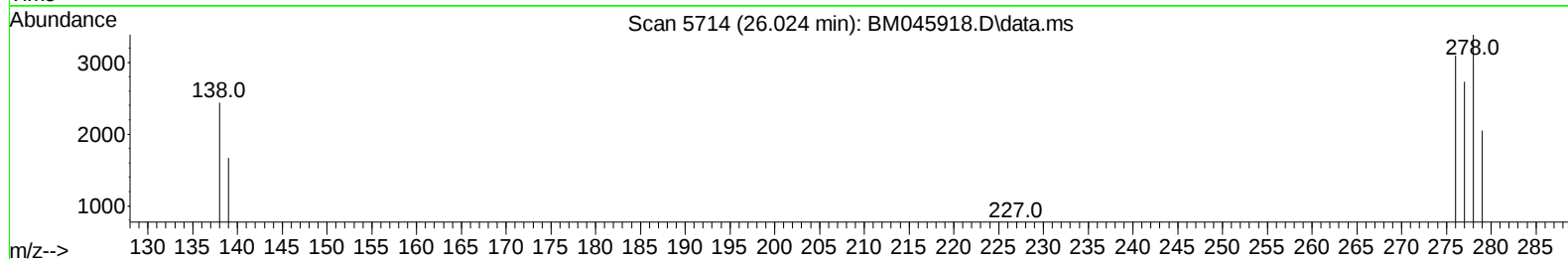
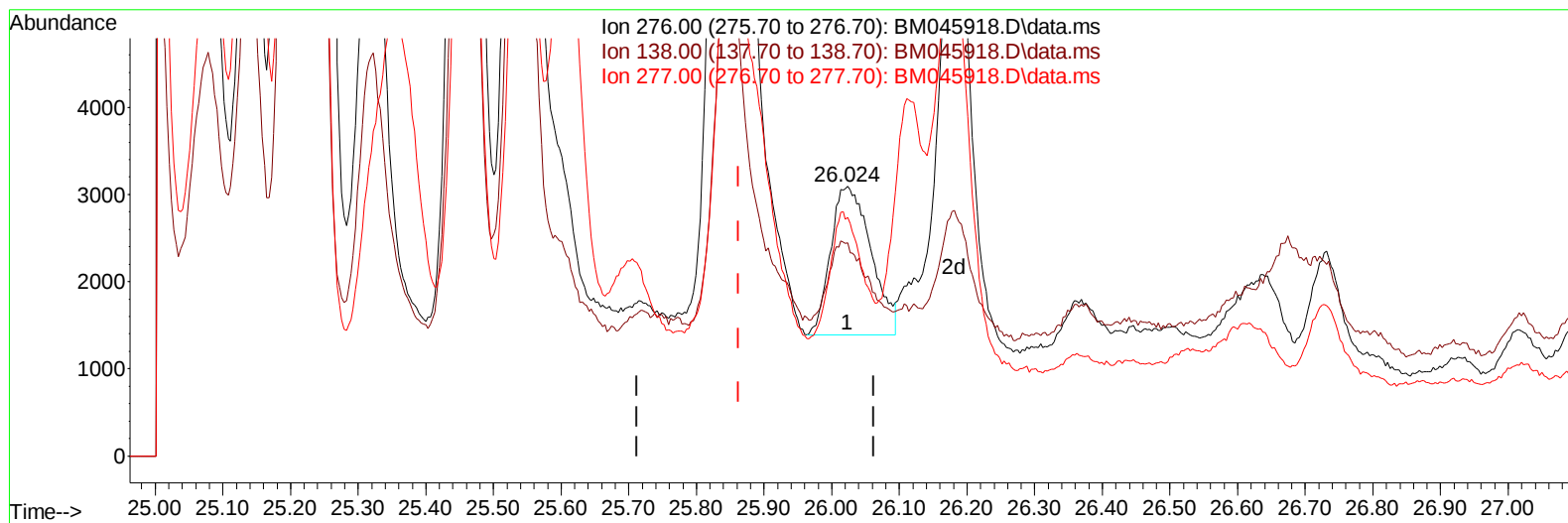
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

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

26.024min (+ 0.161) 0.09 ng/u1

response 7073

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	79.00#
277.00	25.60	88.45#
0.00	0.00	0.00

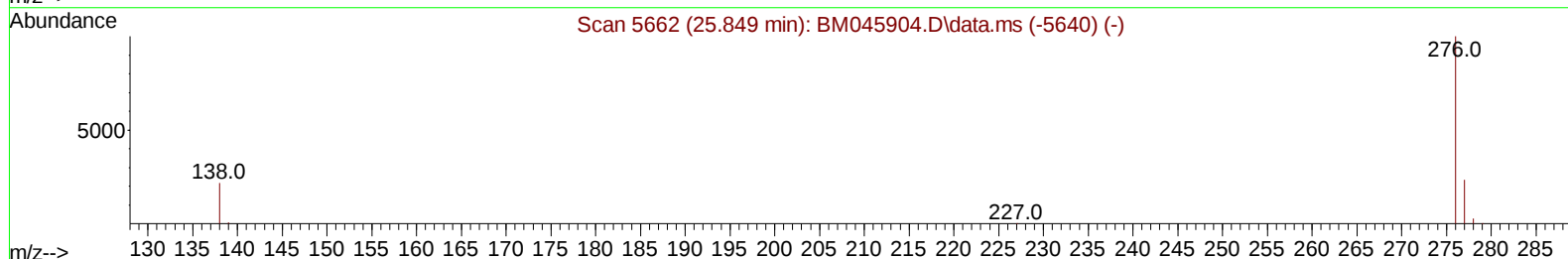
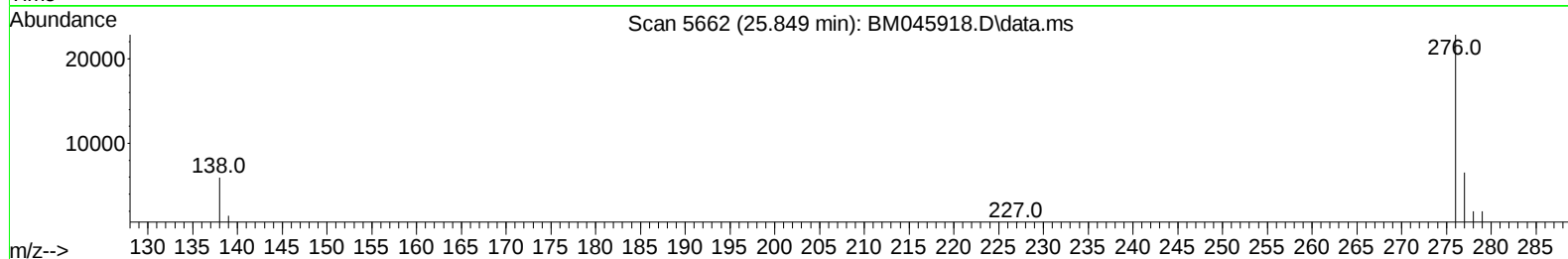
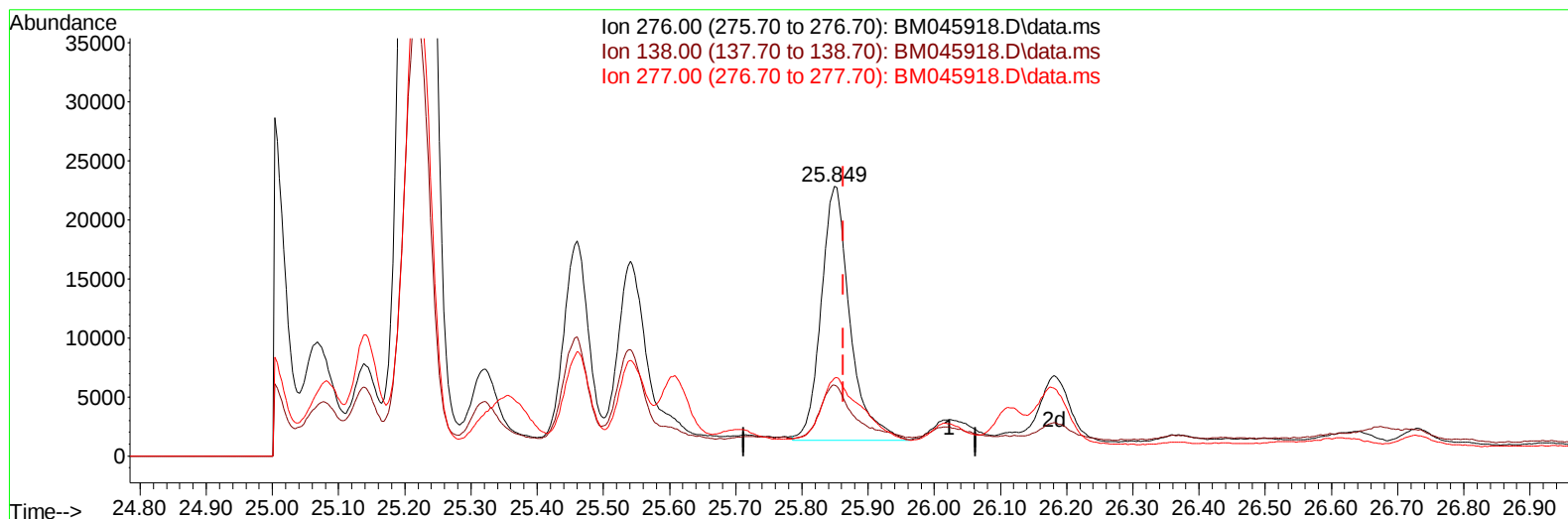
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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



TIC: BM045918.D\data.ms

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

25.849min (-0.014) 0.84 ng/ul m

response 64896

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	26.21
277.00	25.60	28.83
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045918.D
 Acq On : 08 Jun 2024 16:16
 Operator : MA/JU
 Sample : P2640-20
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	7248	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.233	136	25188	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	14669	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.846	188	31706m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.046	240	16611m	0.400	ng/ul	0.00
23) Perylene-d12	23.153	264	21109m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	26526	3.213	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.827	152	8428	0.233	ng/ul	-0.02
18) Fluoranthene-d10	18.881	212	23988m	0.482	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.277	128	80265	1.219	ng/ul	99
7) 2-Methylnaphthalene	11.904	142	79039	1.883	ng/ul	99
8) 1-Methylnaphthalene	12.130	142	72600	1.591	ng/ul	100
10) Acenaphthylene	13.822	152	23521	0.353	ng/ul#	90
11) Acenaphthene	14.164	153	372065	7.590	ng/ul	99
12) Fluorene	15.159	166	371338	6.777	ng/ul	98
15) Phenanthrene	16.892	178	4136244m	46.465	ng/ul	
16) Anthracene	16.981	178	1137188m	14.977	ng/ul	
19) Fluoranthene	18.914	202	3914445m	59.097	ng/ul	
20) Pyrene	19.276	202	3006027m	43.505	ng/ul	
21) Benzo(a)anthracene	21.029	228	1512749m	24.810	ng/ul	
22) Chrysene	21.081	228	1447163m	21.801	ng/ul	
24) Benzo(b)fluoranthene	22.536	252	1276573m	18.233	ng/ul	
25) Benzo(k)fluoranthene	22.569	252	507829m	6.600	ng/ul	
26) Benzo(a)pyrene	23.063	252	649822m	9.333	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.222	276	421069m	4.677	ng/ul	
28) Dibenzo(a,h)anthracene	25.222	278	158289m	2.199	ng/ul	
29) Benzo(g,h,i)perylene	25.849	276	64896m	0.836	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045918.D
Acq On : 08 Jun 2024 16:16
Operator : MA/JU
Sample : P2640-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C24

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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

