

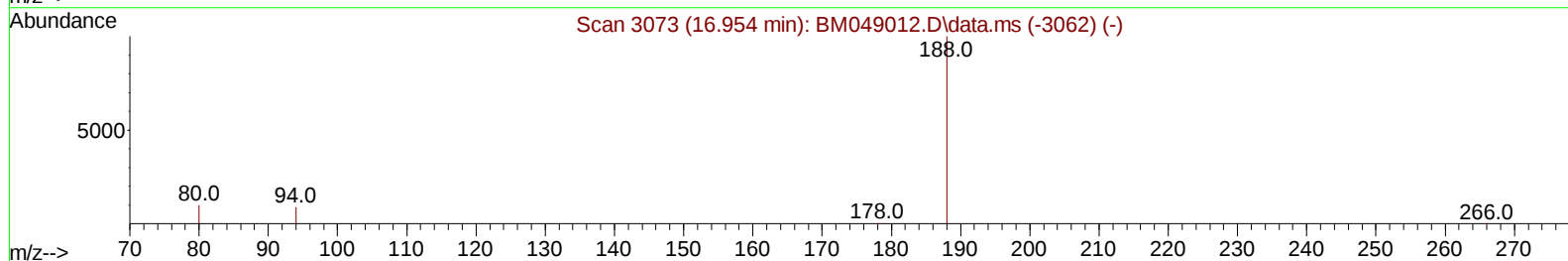
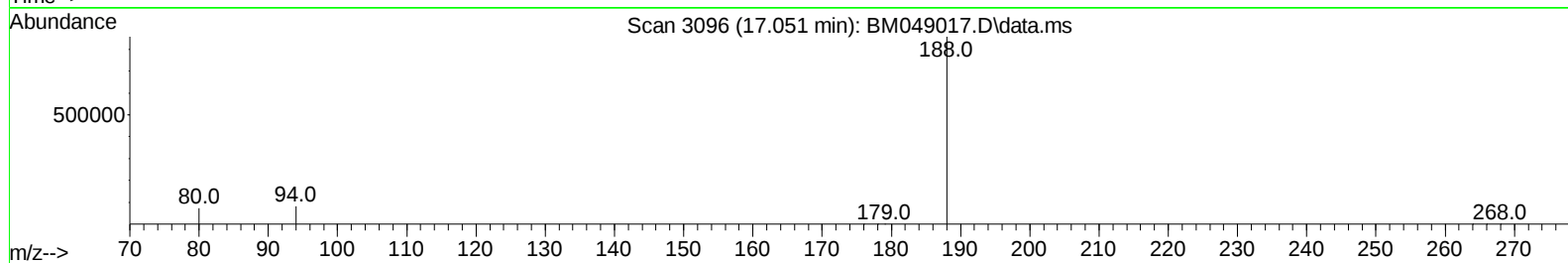
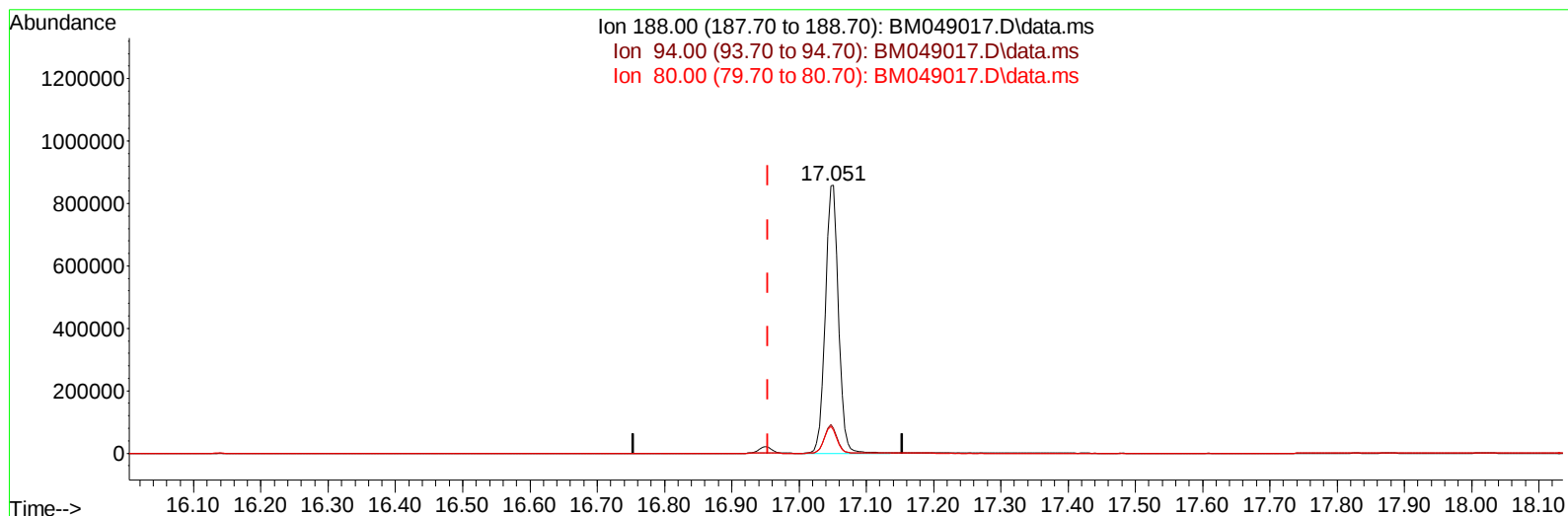
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(13) Phenanthrene-d10 (I)

17.051min (+ 0.097) 0.40 ng/u1

response 1159218

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.10	9.37#
80.00	13.90	8.52#
0.00	0.00	0.00

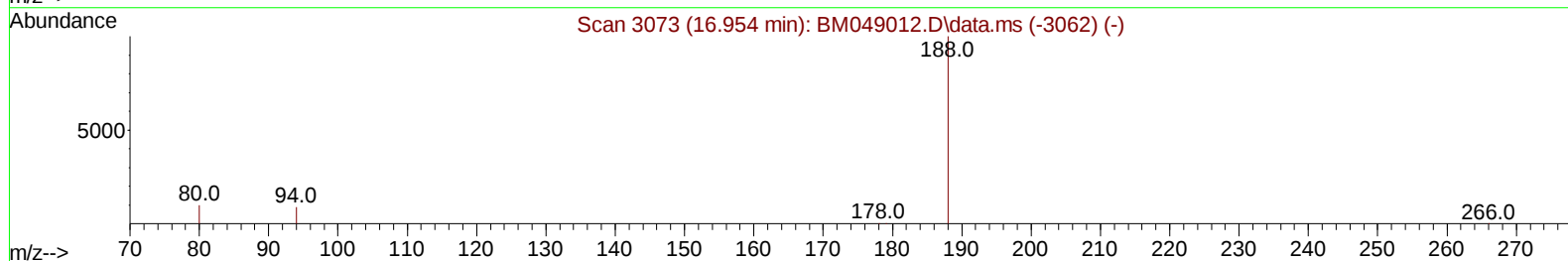
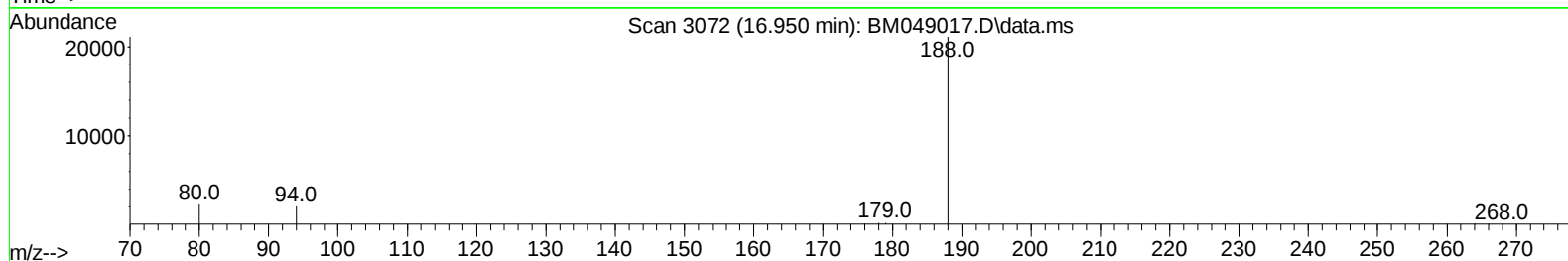
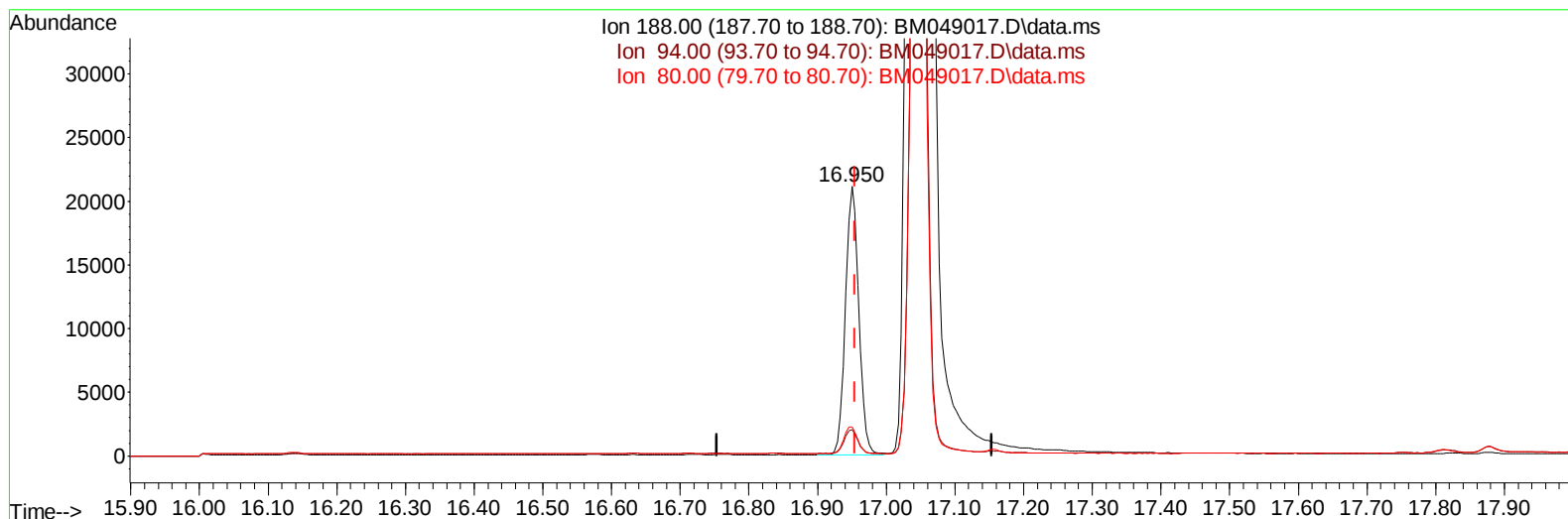
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(13) Phenanthrene-d10 (I)

16.950min (-0.004) 0.40 ng/ul m

response 28448

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.10	9.86
80.00	13.90	10.72#
0.00	0.00	0.00

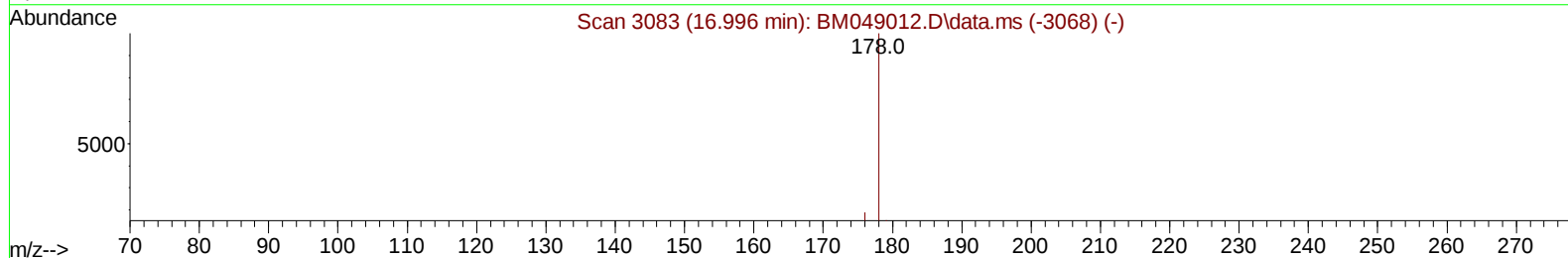
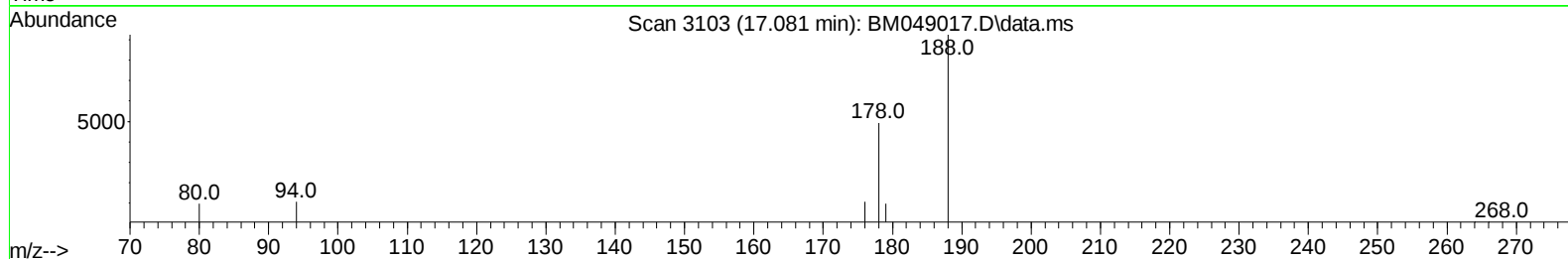
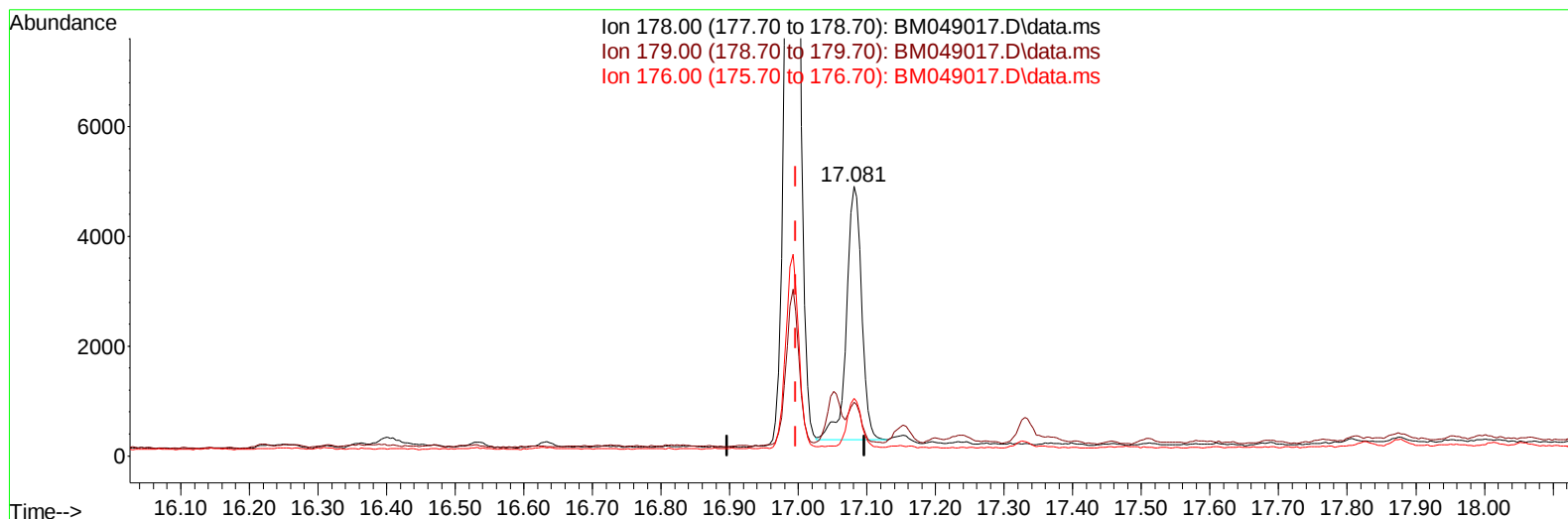
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(15) Phenanthrene

17.081min (+ 0.084) 0.09 ng/u1

response 7089

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.30	19.86#
176.00	19.80	21.47
0.00	0.00	0.00

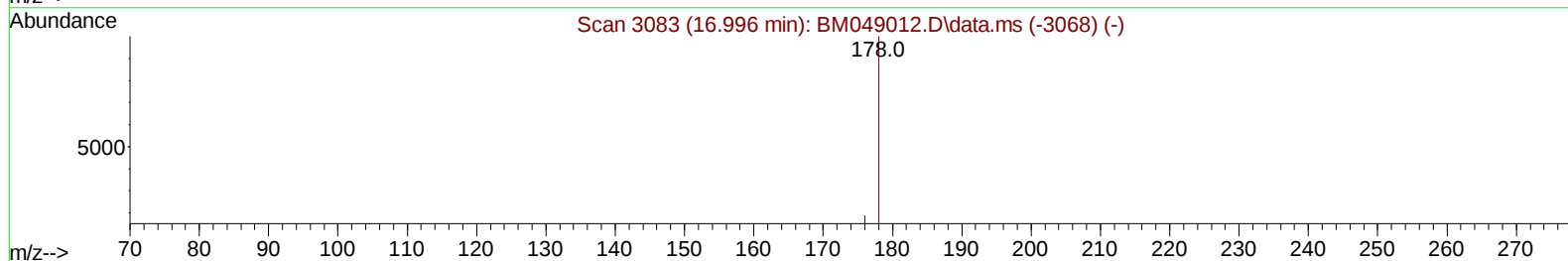
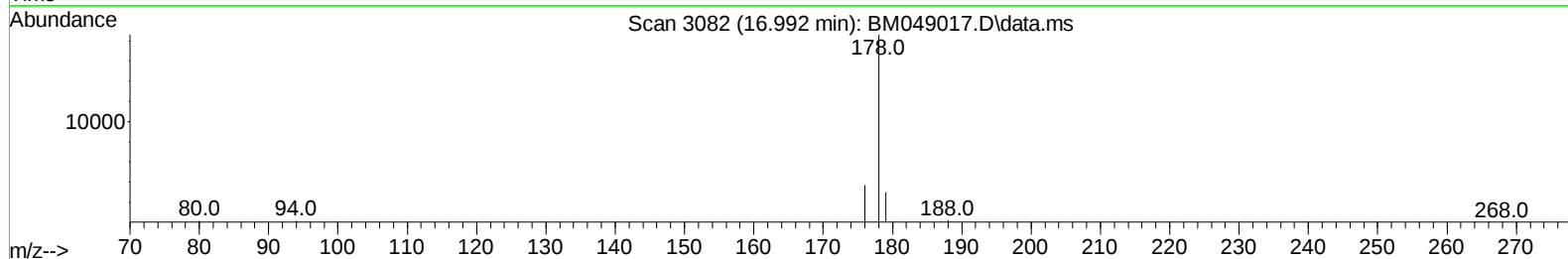
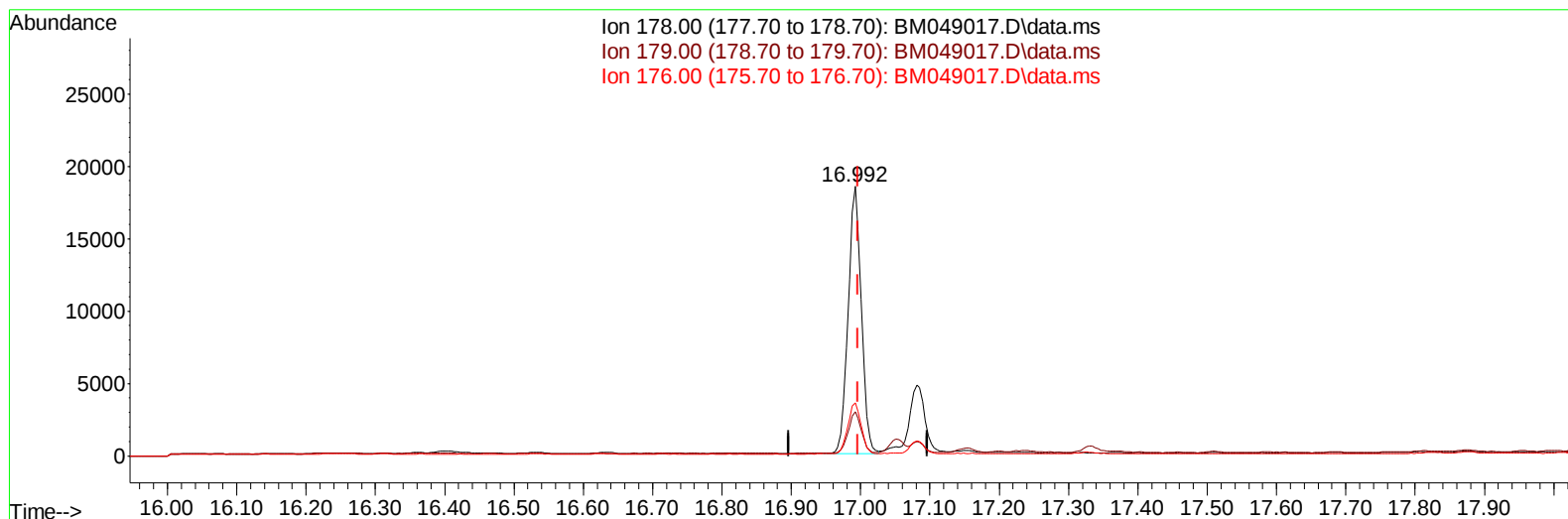
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(15) Phenanthrene

16.992min (-0.004) 0.31 ng/ul m

response 24355

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.30	16.30
176.00	19.80	19.78
0.00	0.00	0.00

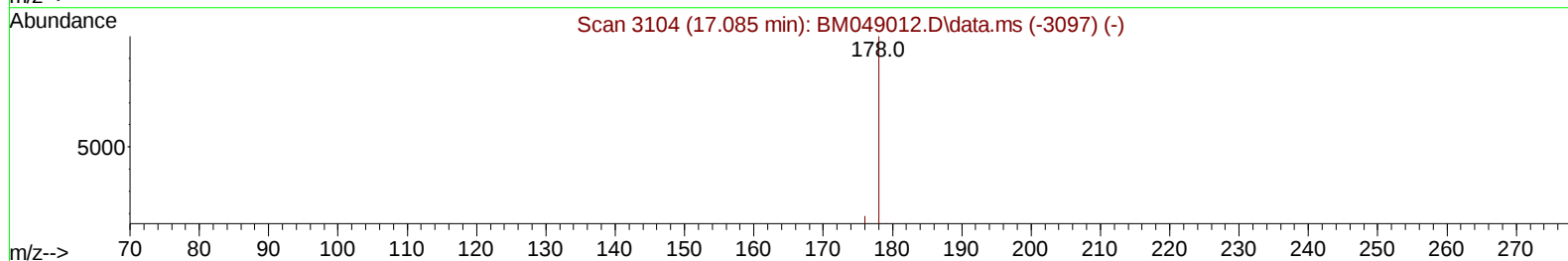
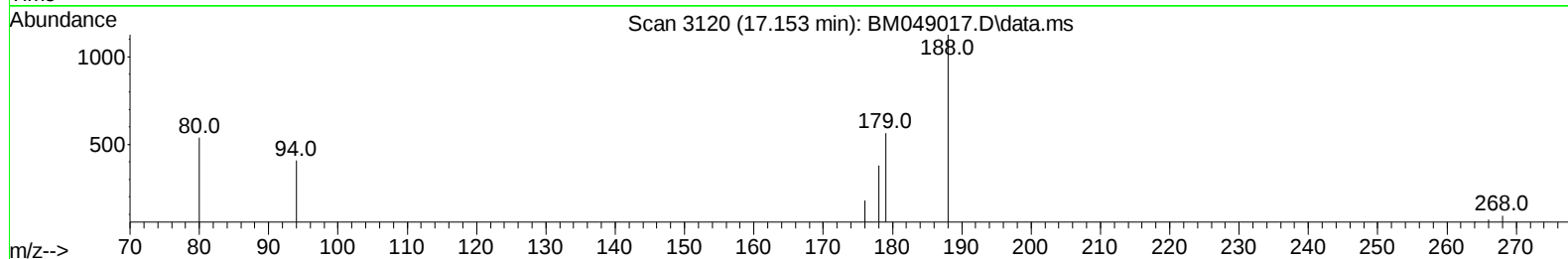
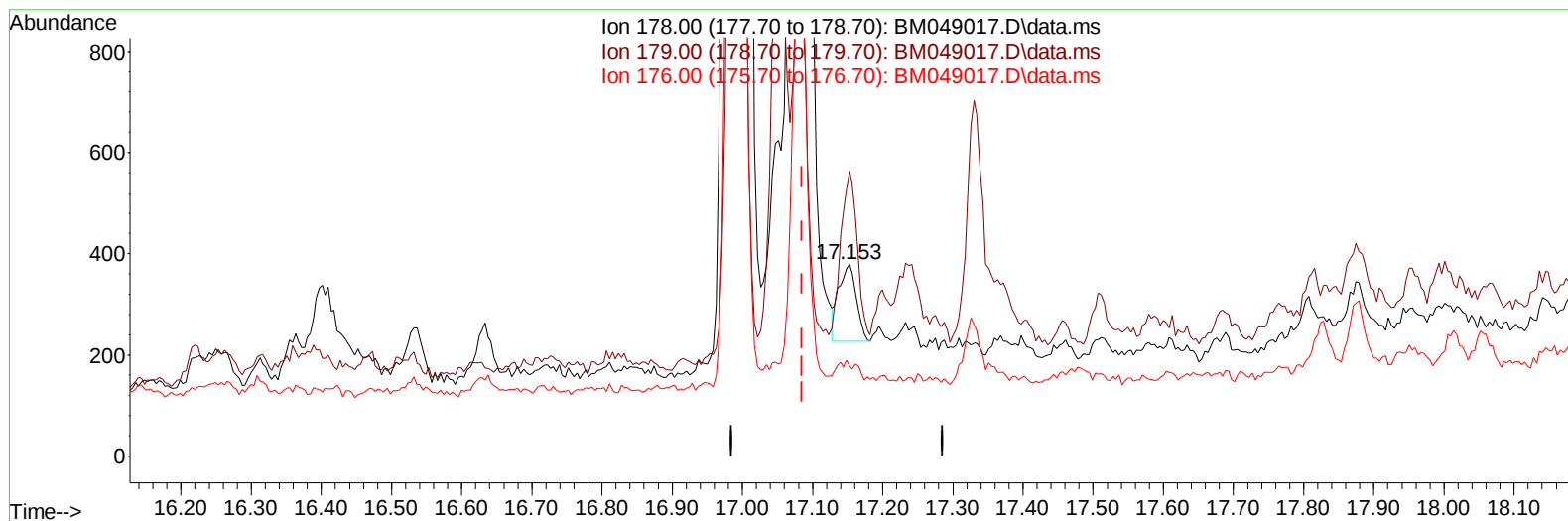
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(16) Anthracene

17.153min (+ 0.067) 0.00 ng/u1

response 267

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	148.81#
176.00	18.80	46.97#
0.00	0.00	0.00

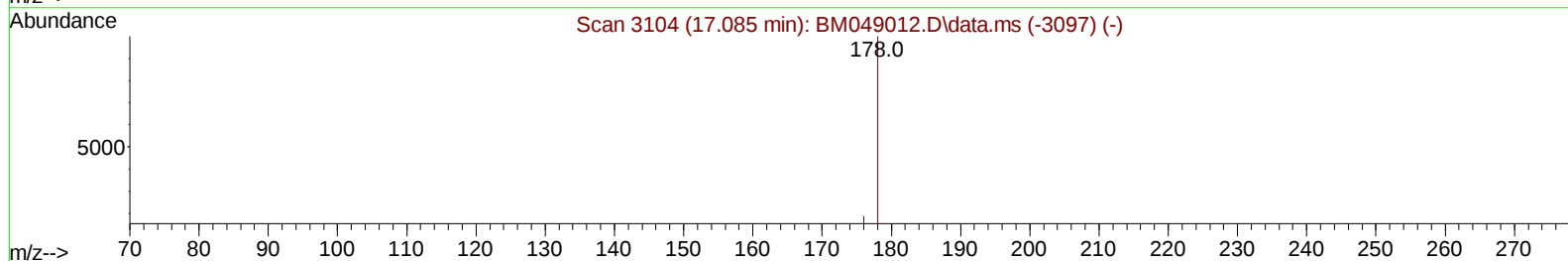
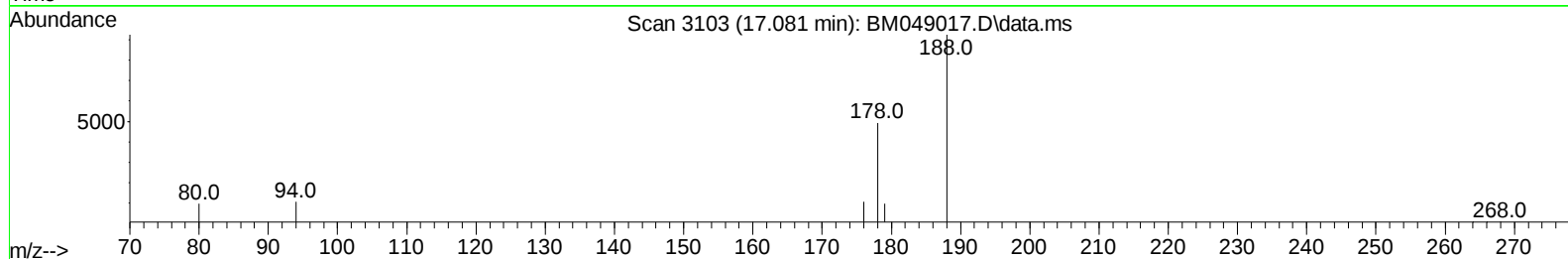
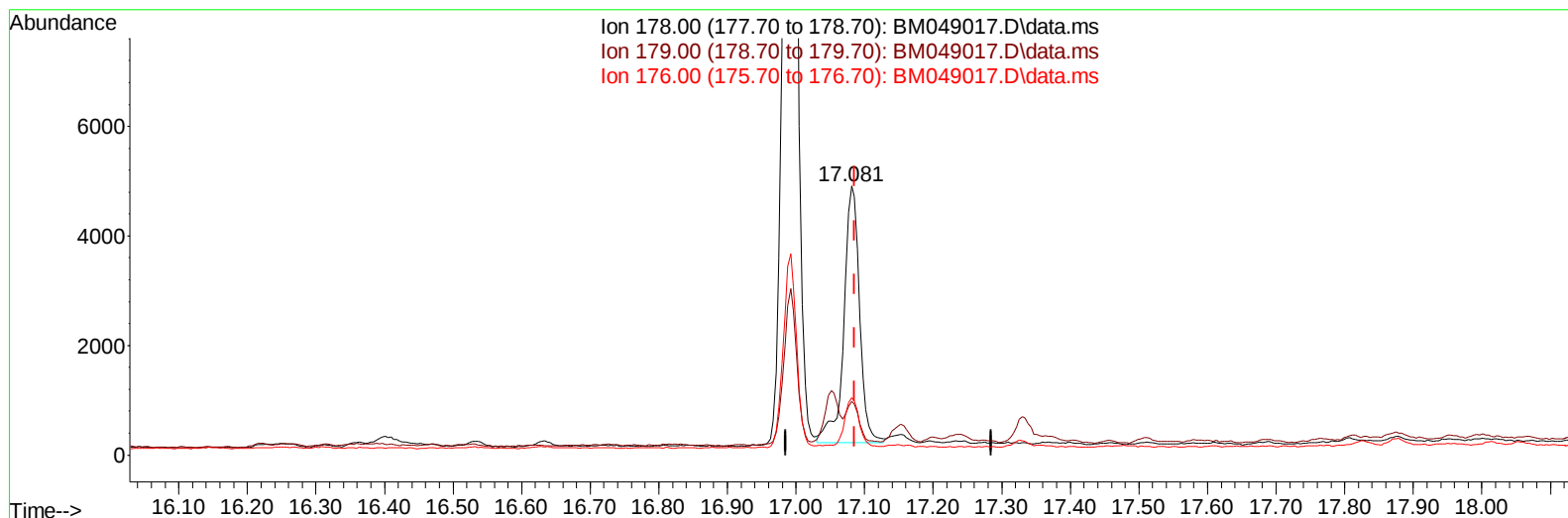
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(16) Anthracene

17.081min (-0.004) 0.11 ng/ul m

response 7471

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	19.86#
176.00	18.80	21.47
0.00	0.00	0.00

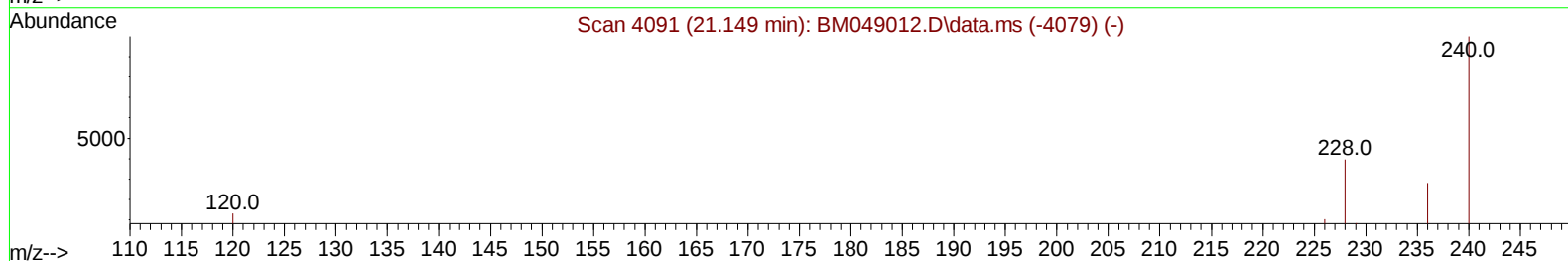
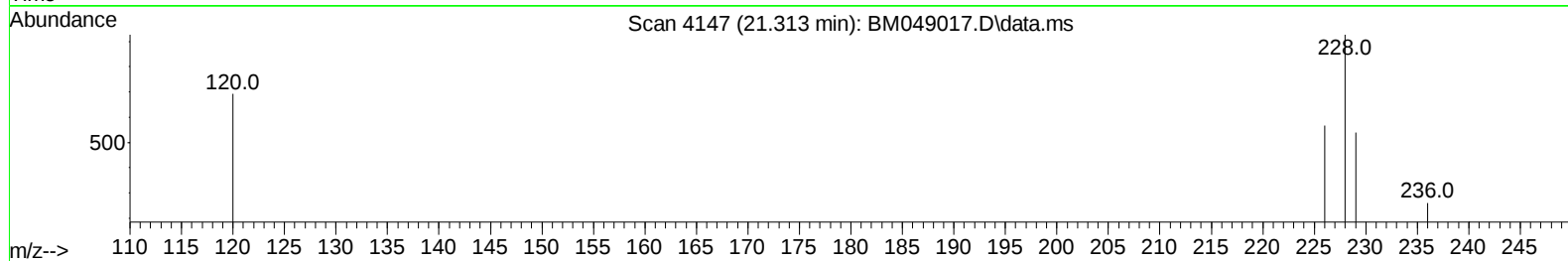
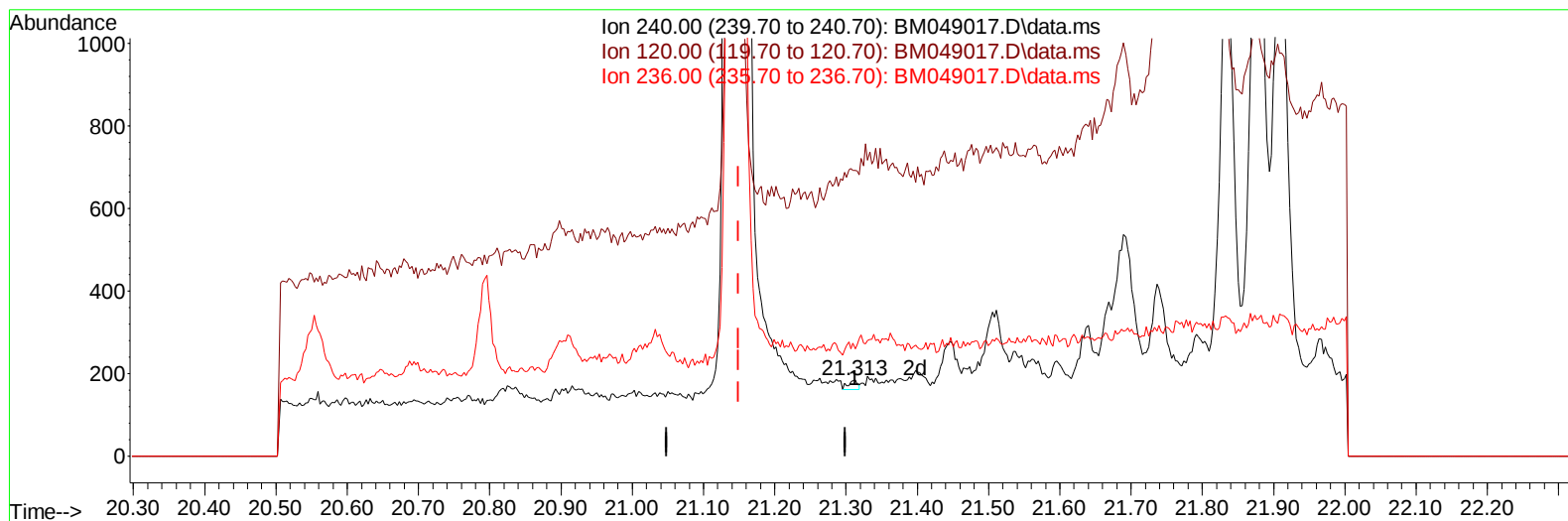
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(17) Chrysene-d12

21.313min (+ 0.163) 0.40 ng/u1

response 21

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.30	376.09#
236.00	30.50	141.30#
0.00	0.00	0.00

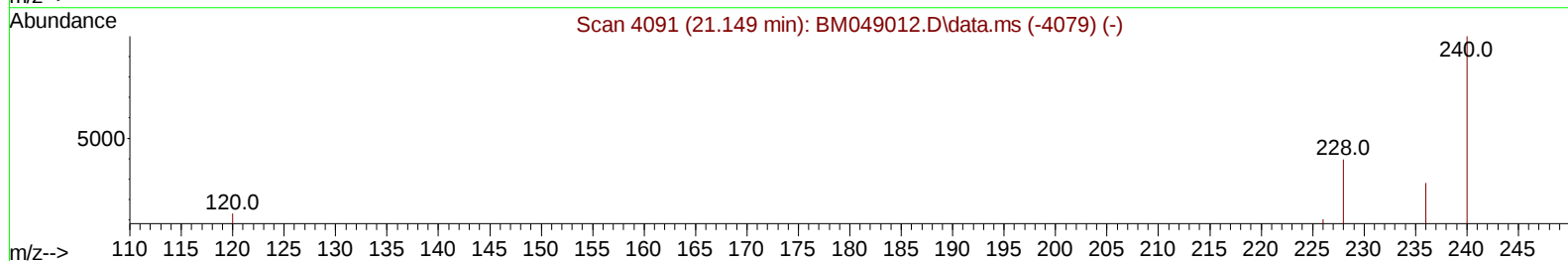
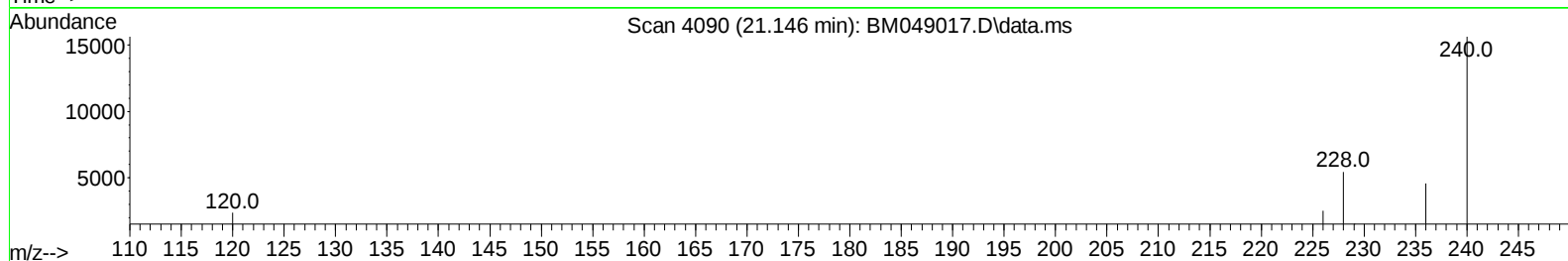
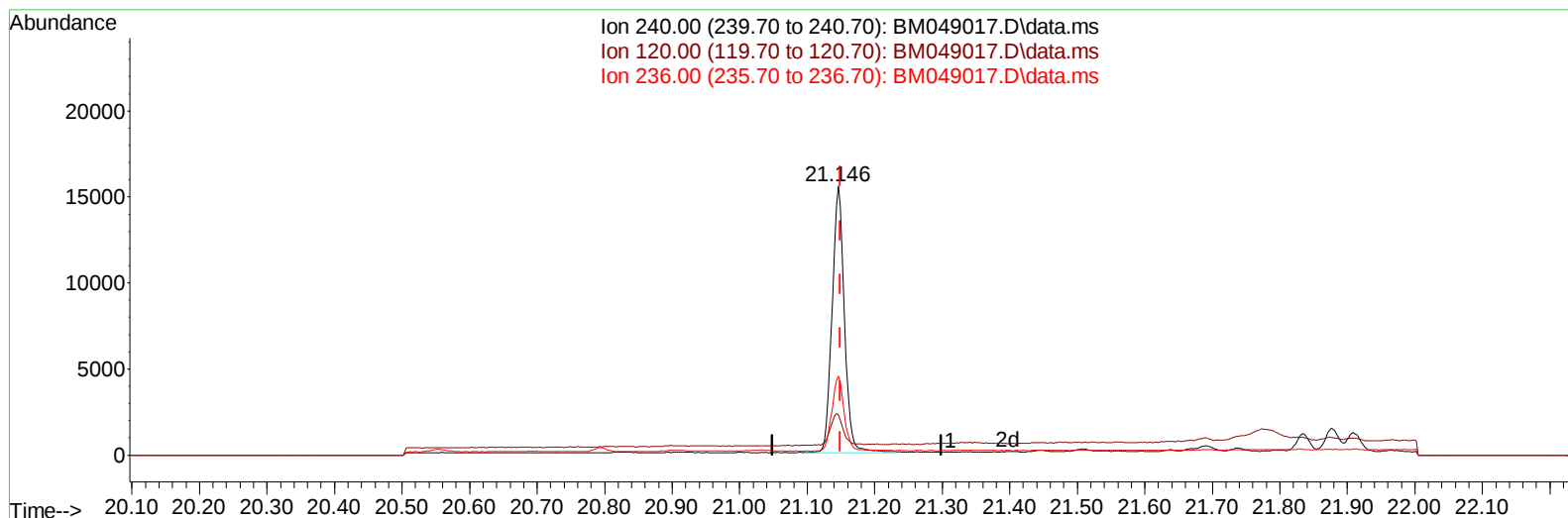
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(17) Chrysene-d12

21.146min (-0.003) 0.40 ng/u1 m

response 19621

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.30	15.06
236.00	30.50	29.27
0.00	0.00	0.00

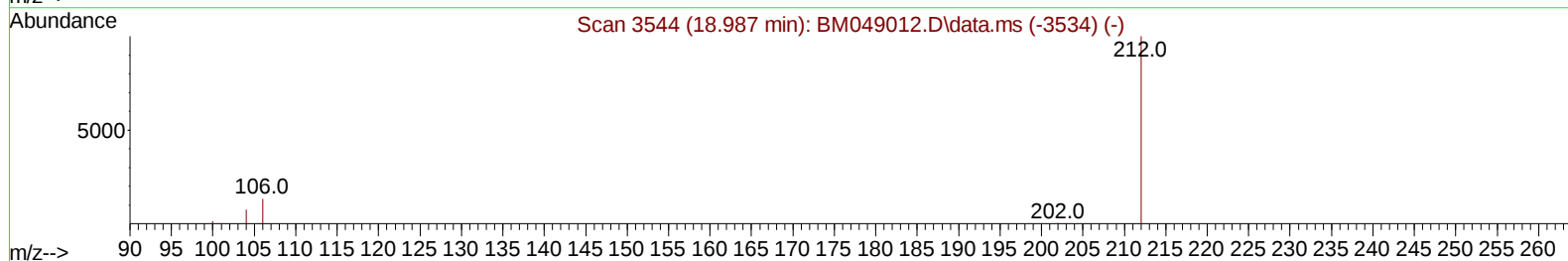
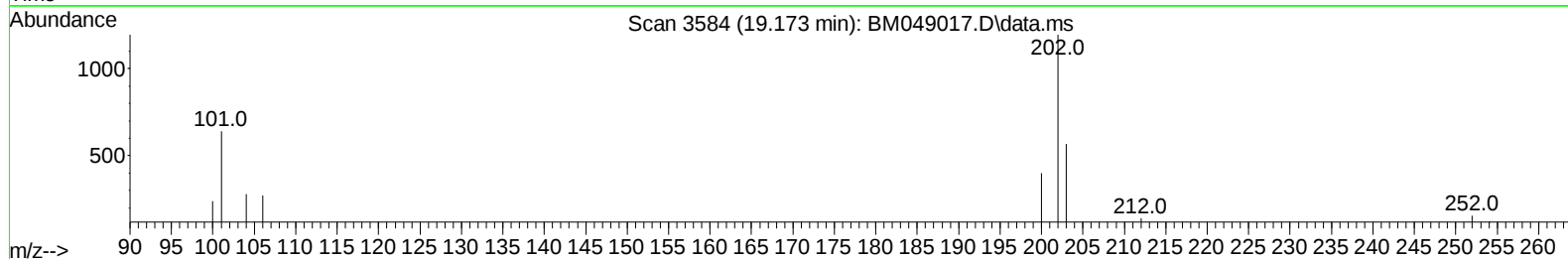
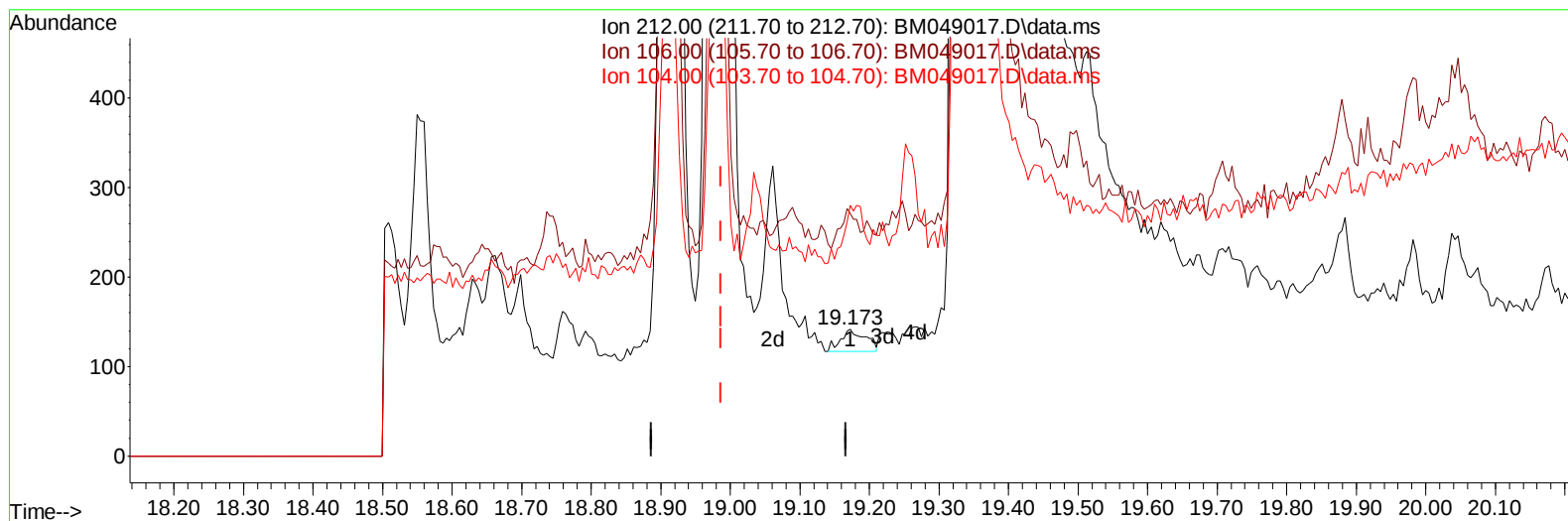
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.173min (+ 0.186) 0.00 ng/u1

response 61

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.90	124.59#
104.00	8.70	218.03#
0.00	0.00	0.00

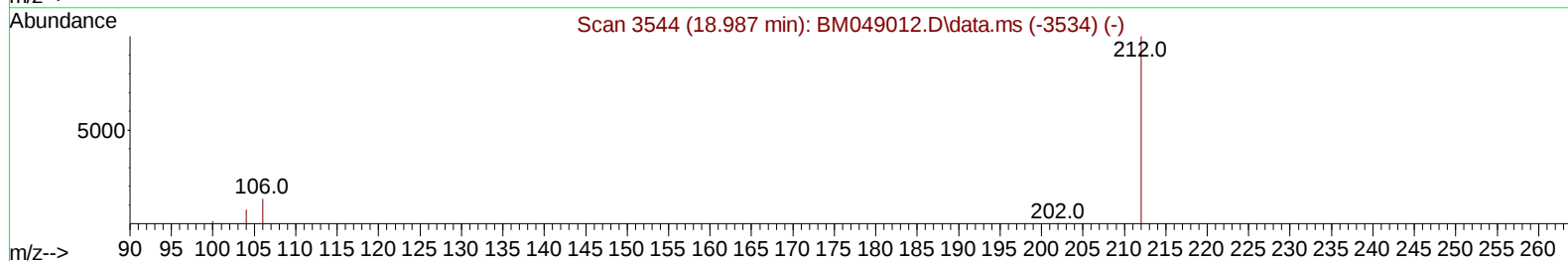
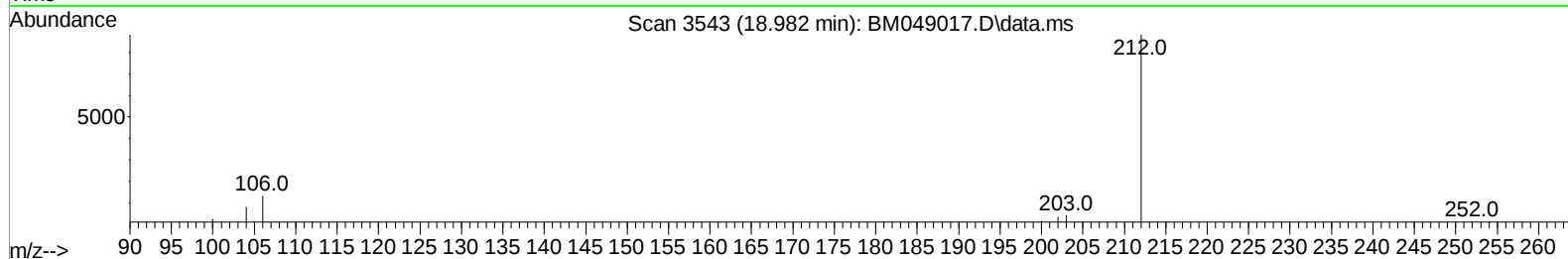
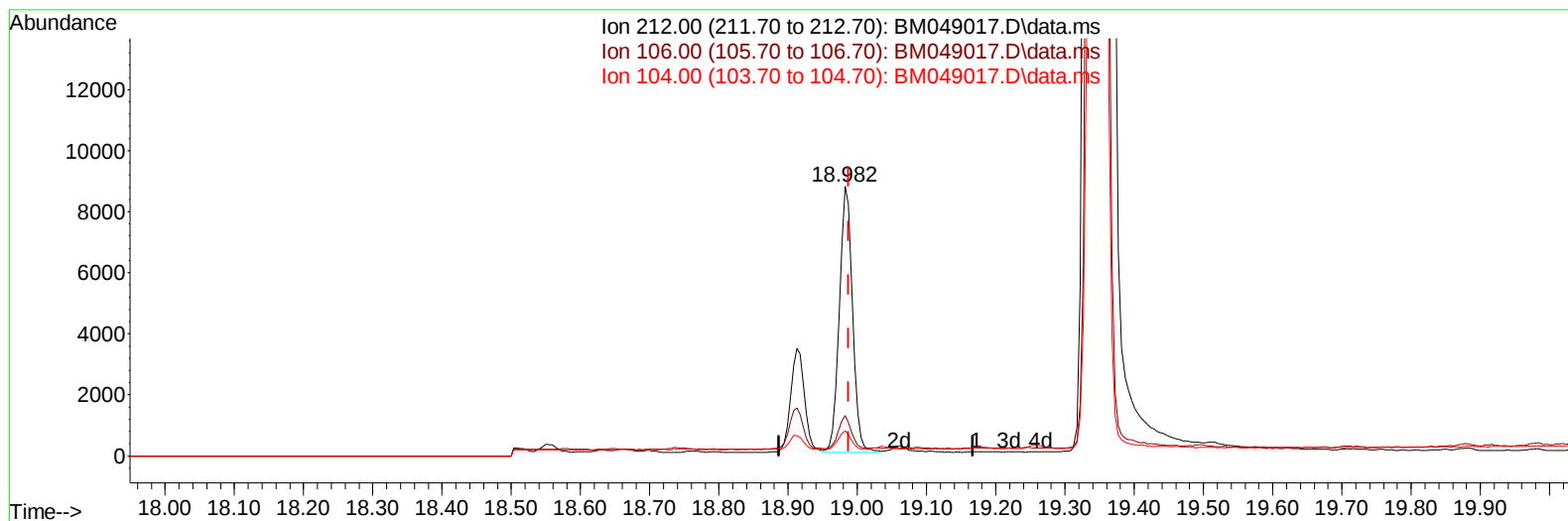
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
 Data File : BM049017.D
 Acq On : 17 Dec 2024 12:15
 Operator : RC/JU
 Sample : P5155-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 17 10:03:27 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.982min (-0.005) 0.20 ng/u1 m

response 11707

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.90	0.65#
104.00	8.70	1.14#
0.00	0.00	0.00

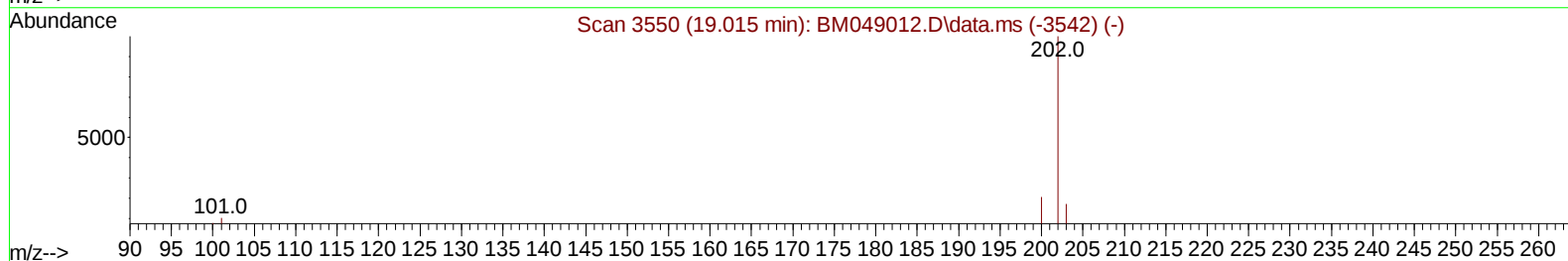
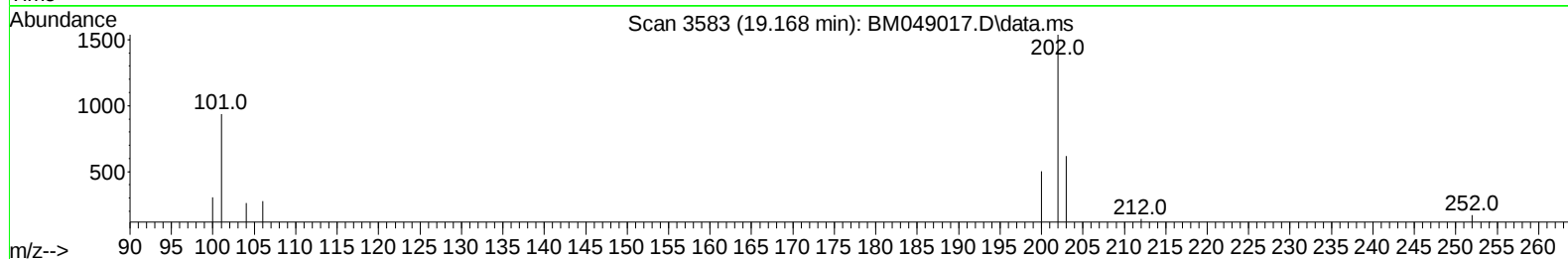
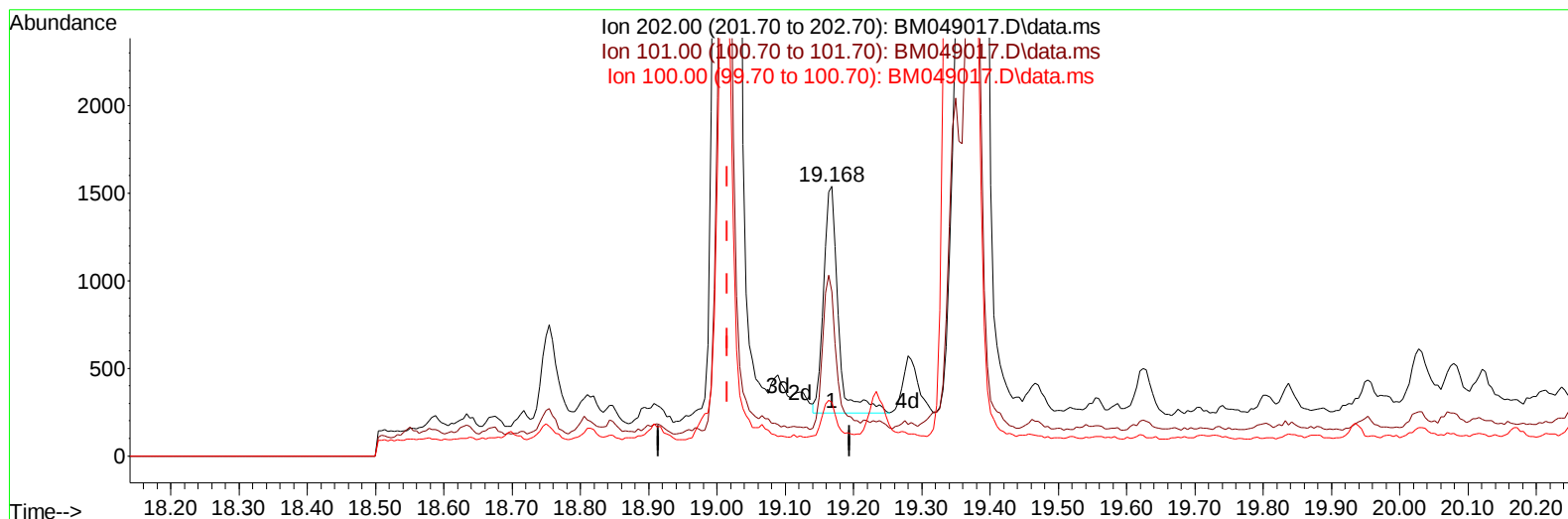
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(19) Fluoranthene (C)

19.168min (+ 0.153) 0.02 ng/u1

response 1925

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.10	60.99#
100.00	9.10	20.03#
0.00	0.00	0.00

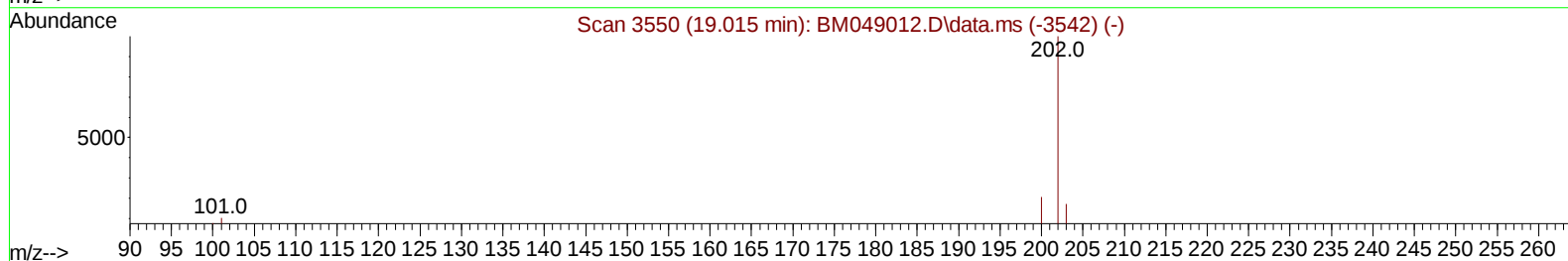
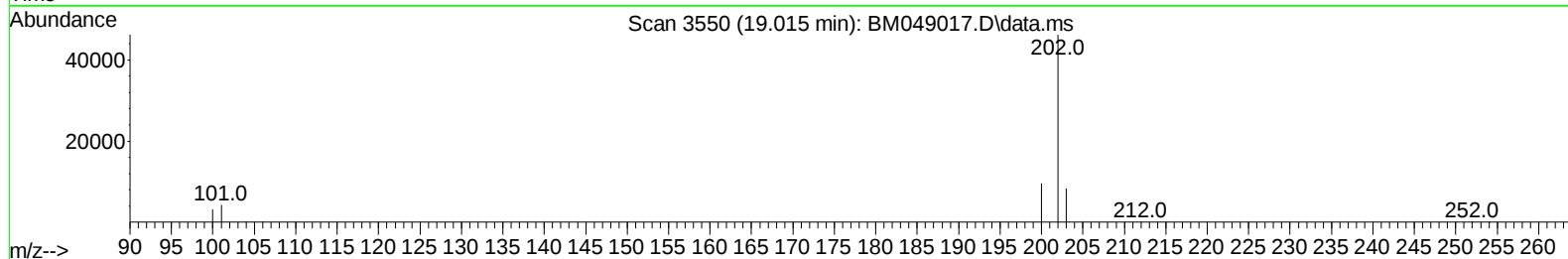
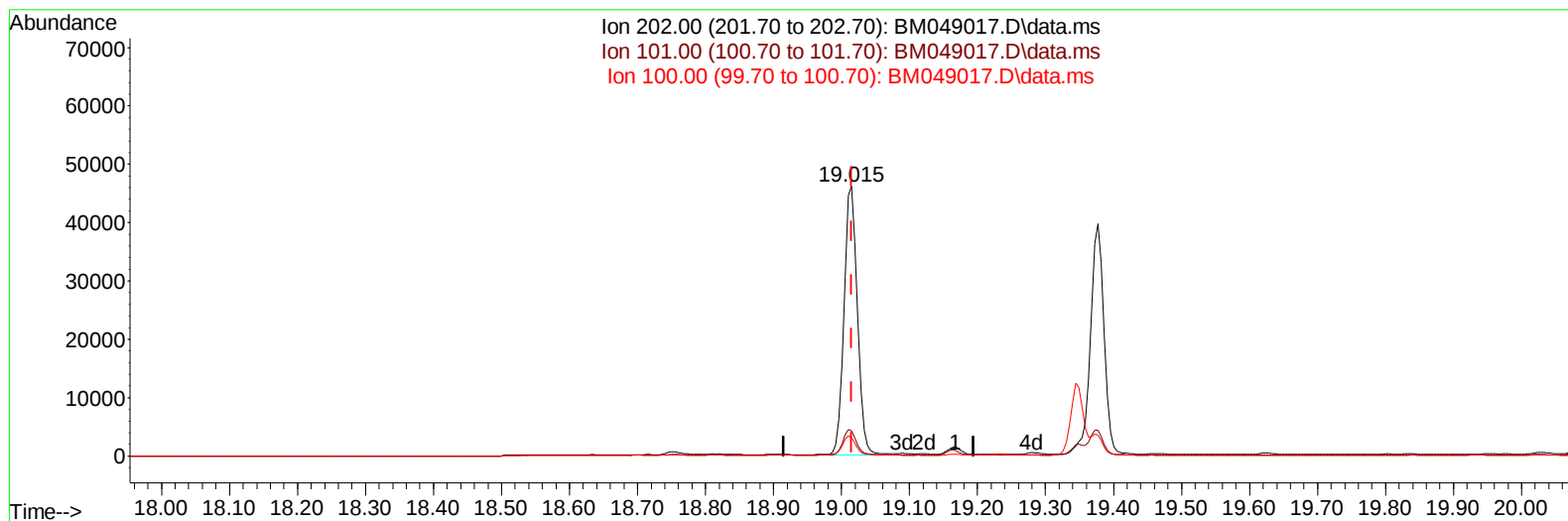
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(19) Fluoranthene (C)

19.015min (-0.000) 0.77 ng/ul m

response 62283

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.10	9.31#
100.00	9.10	6.86#
0.00	0.00	0.00

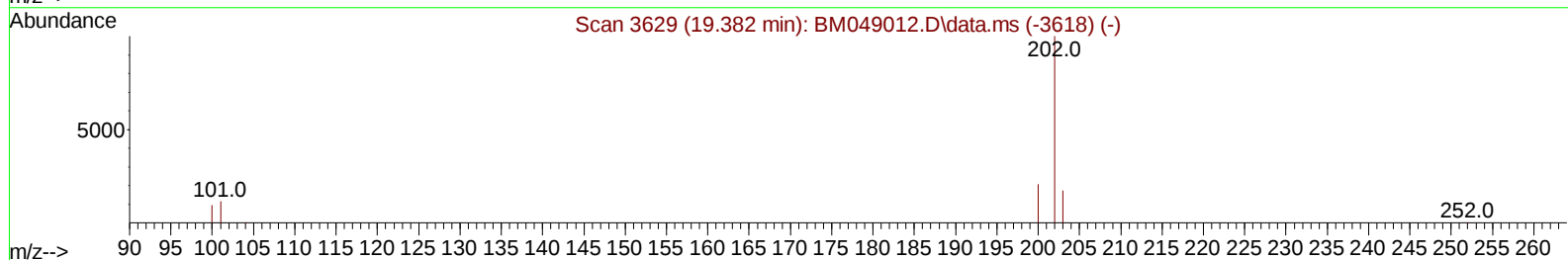
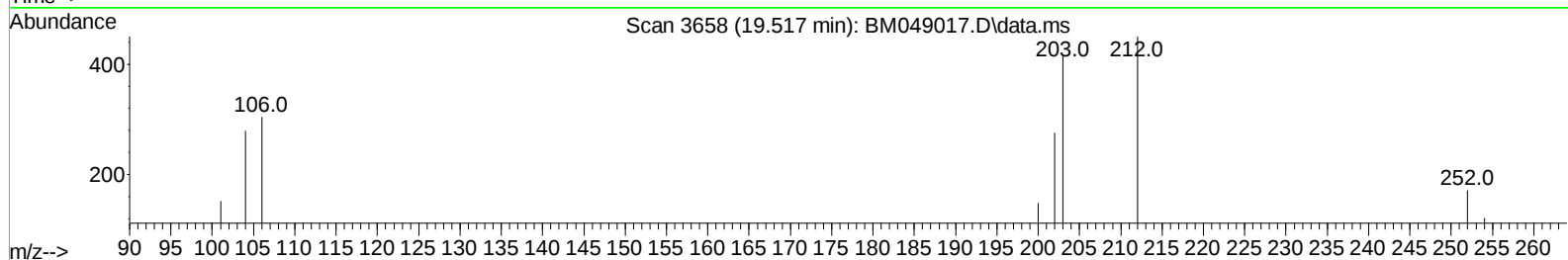
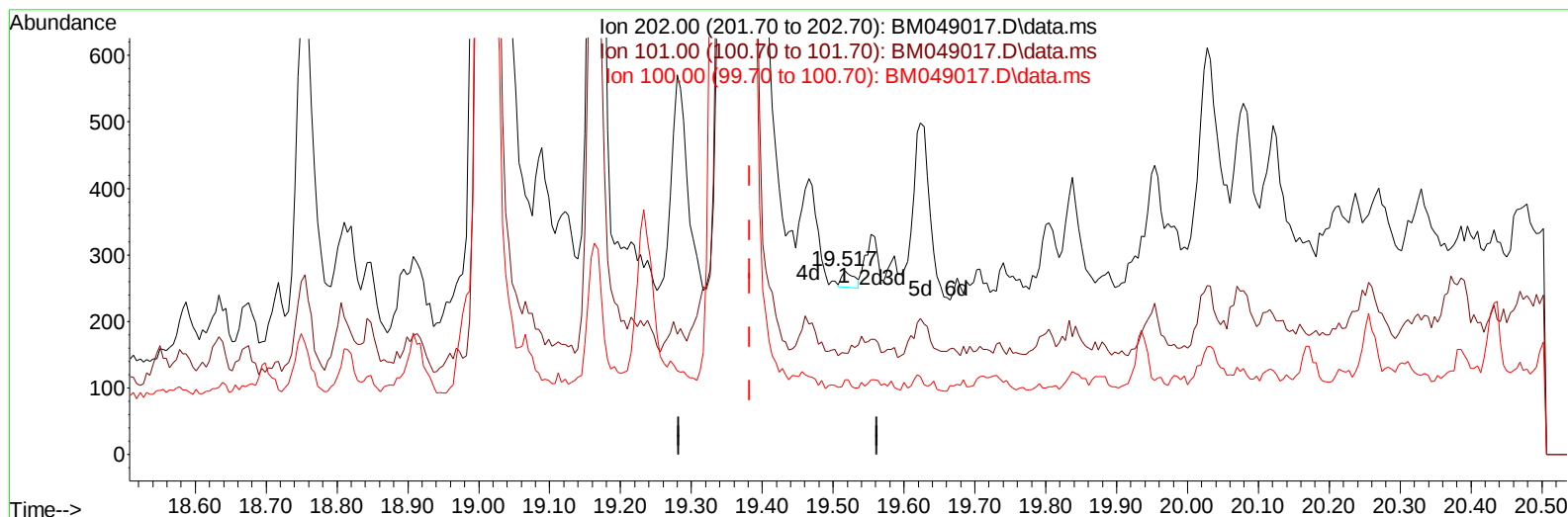
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(20) Pyrene

19.517min (+ 0.135) 0.00 ng/u1

response 30

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	55.07#
100.00	10.50	40.58#
0.00	0.00	0.00

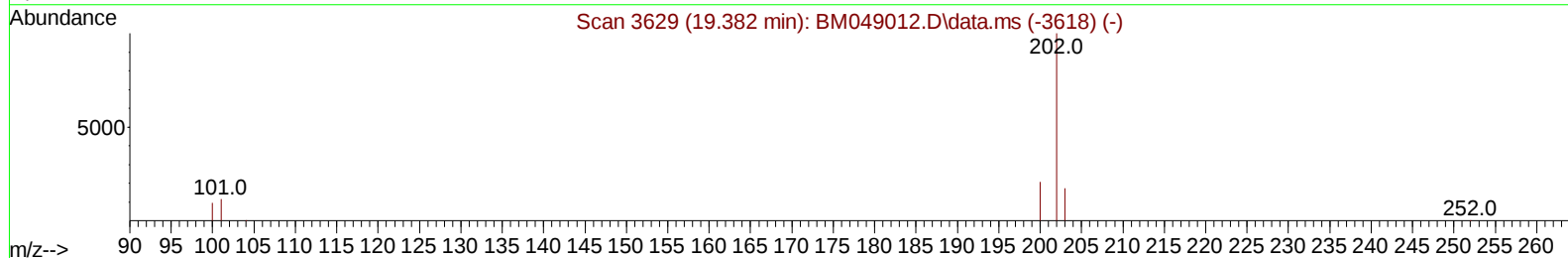
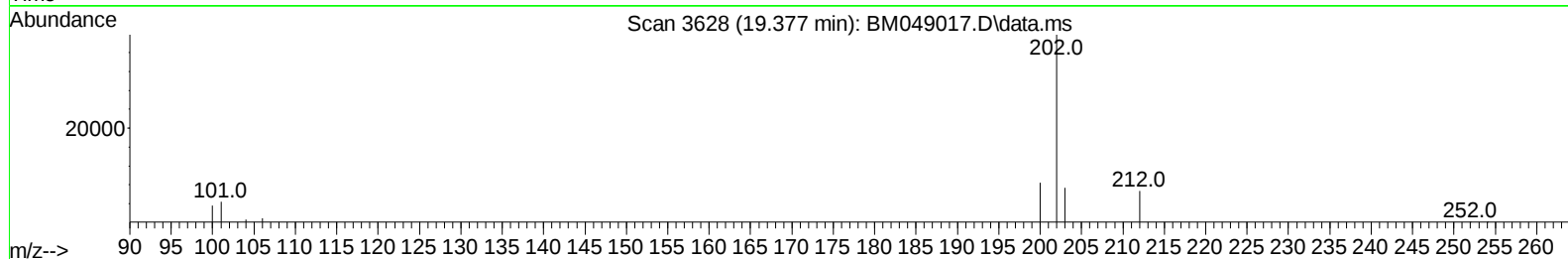
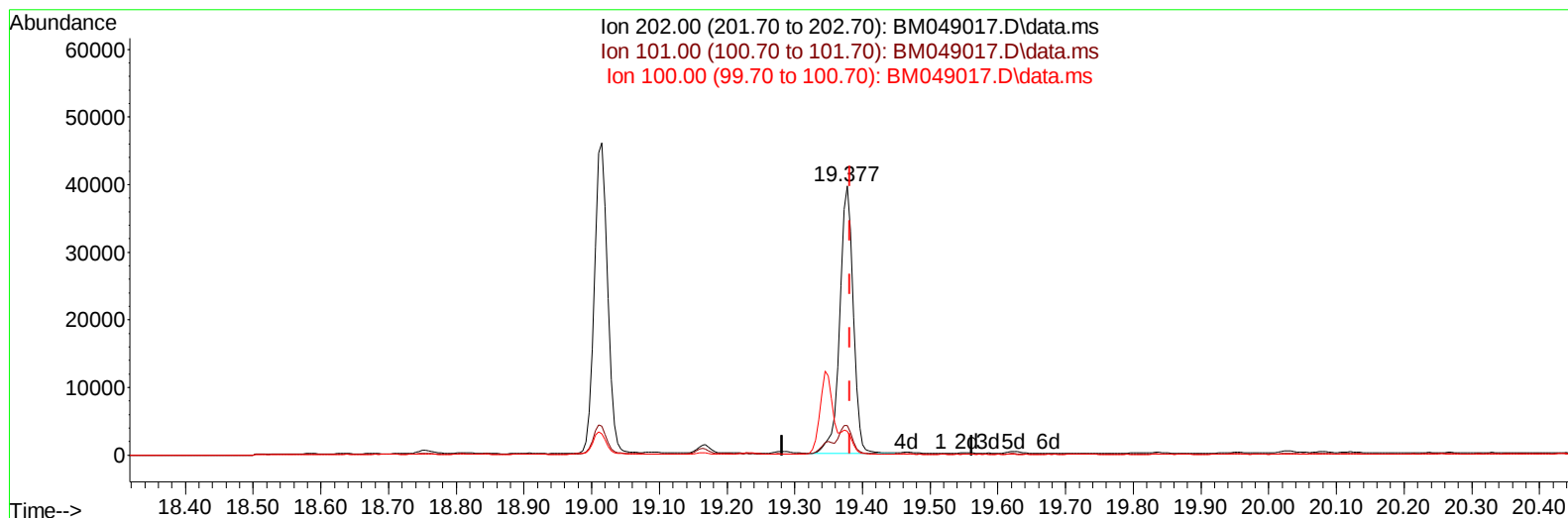
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(20) Pyrene

19.377min (-0.005) 0.63 ng/u1 m

response 55105

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	11.06
100.00	10.50	8.91
0.00	0.00	0.00

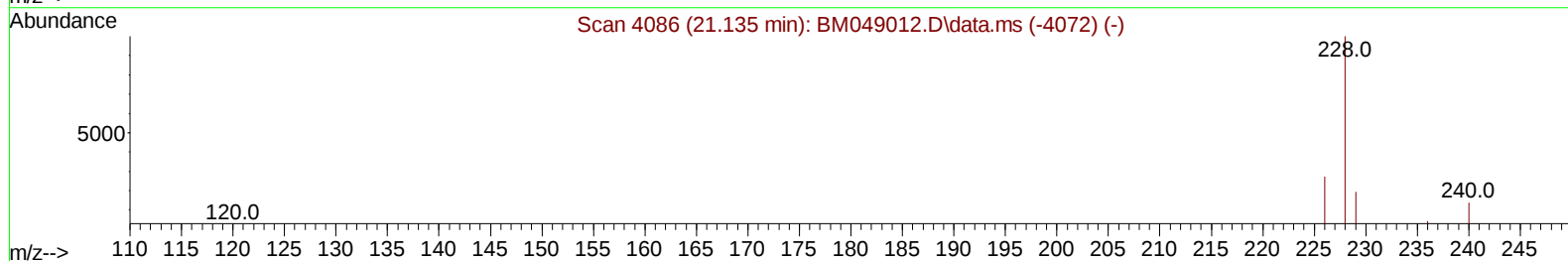
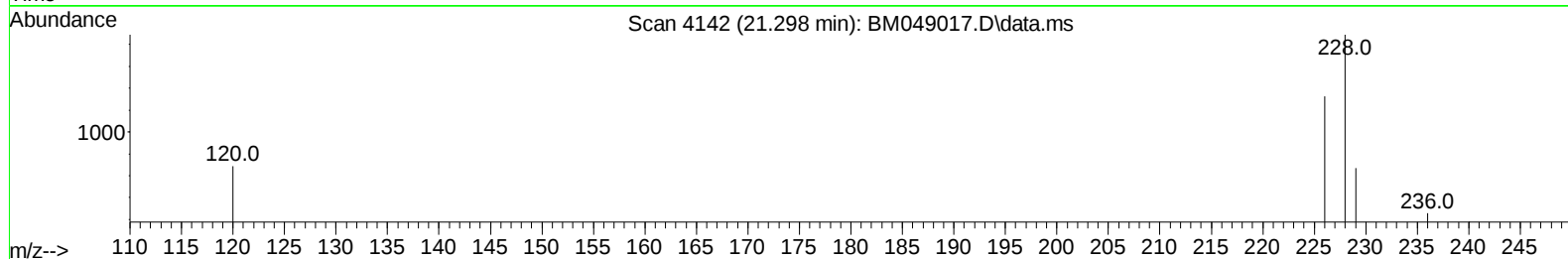
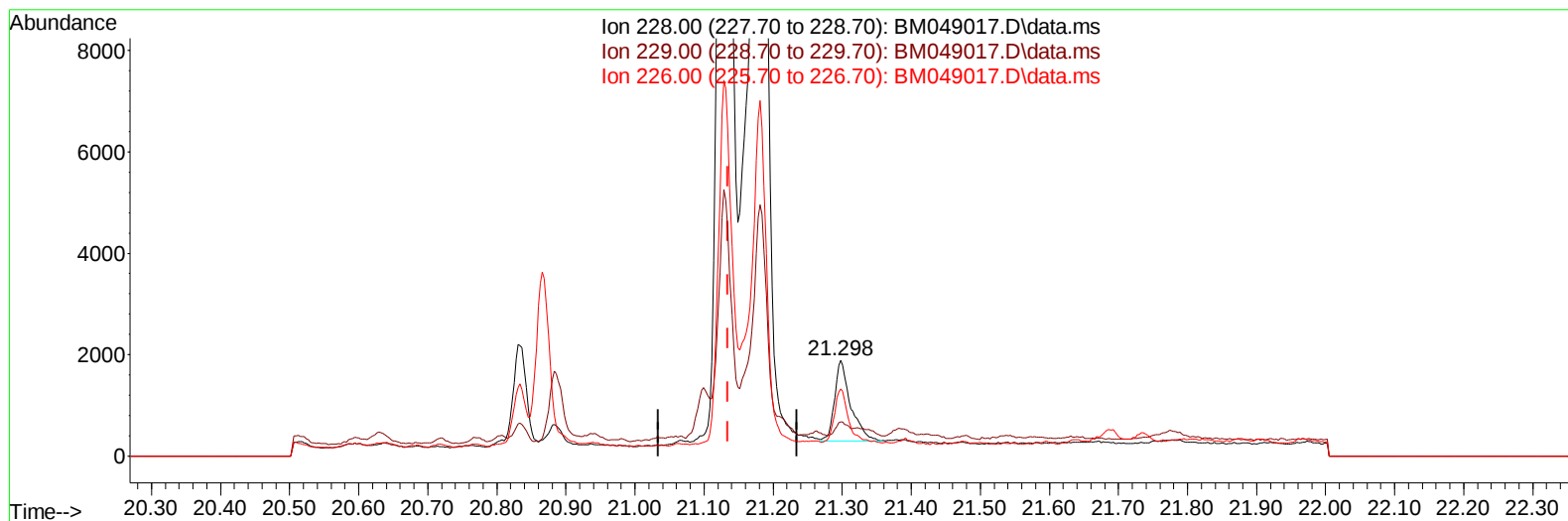
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(21) Benzo(a)anthracene

21.298min (+ 0.163) 0.04 ng/u1

response 2547

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	35.31#
226.00	28.70	70.09#
0.00	0.00	0.00

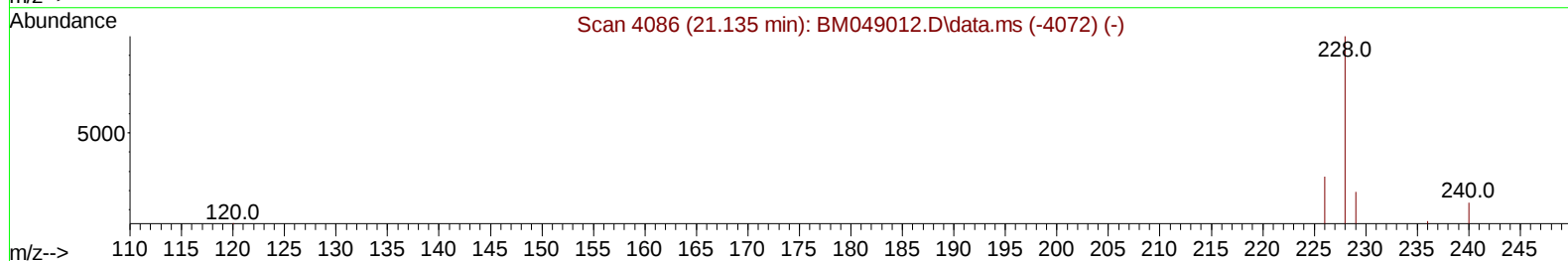
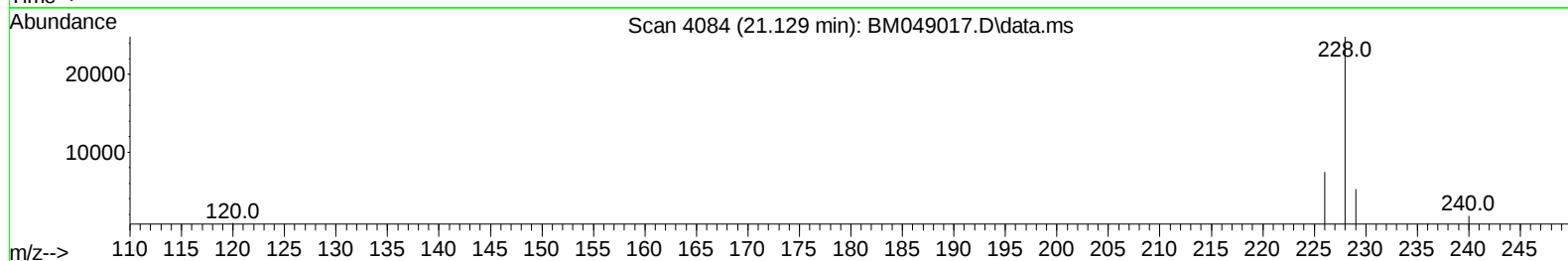
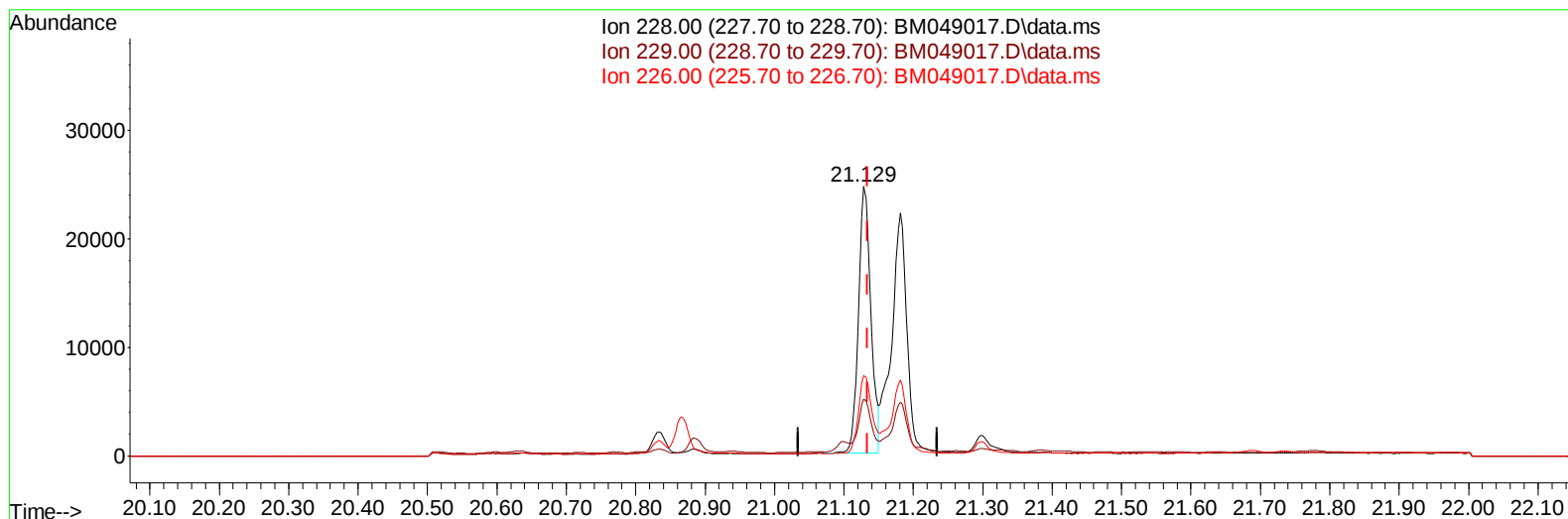
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(21) Benzo(a)anthracene

21.129min (-0.006) 0.44 ng/u1 m

response 30525

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.19
226.00	28.70	29.86
0.00	0.00	0.00

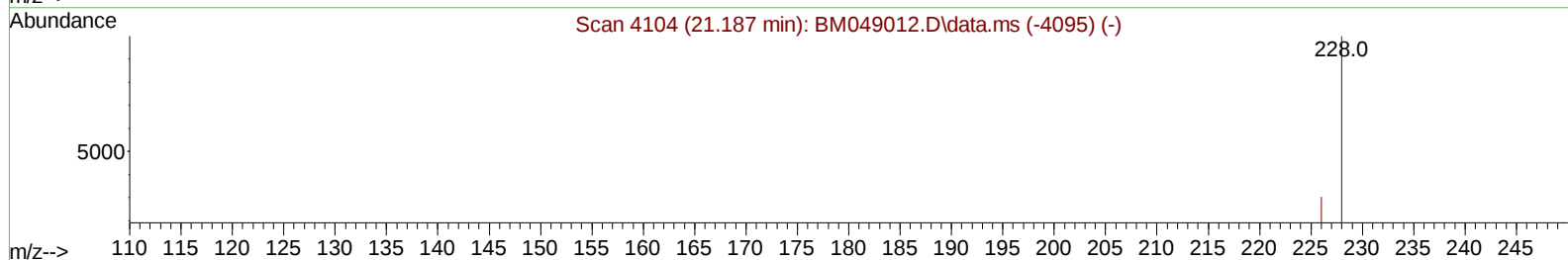
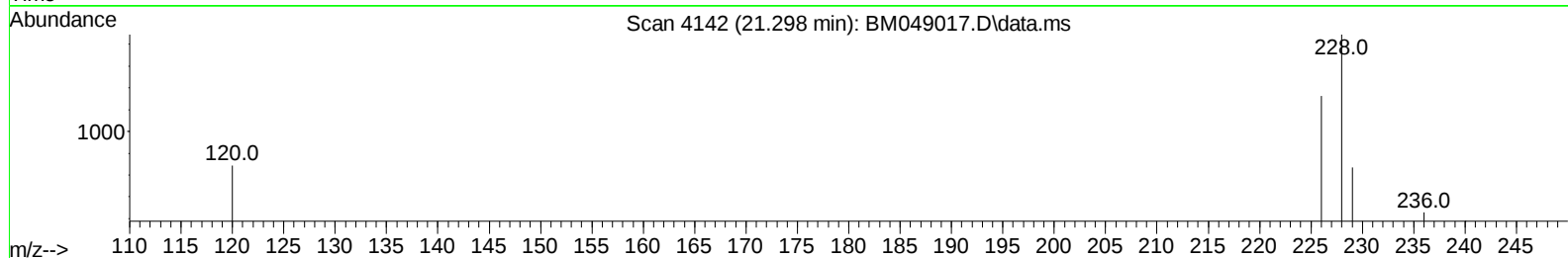
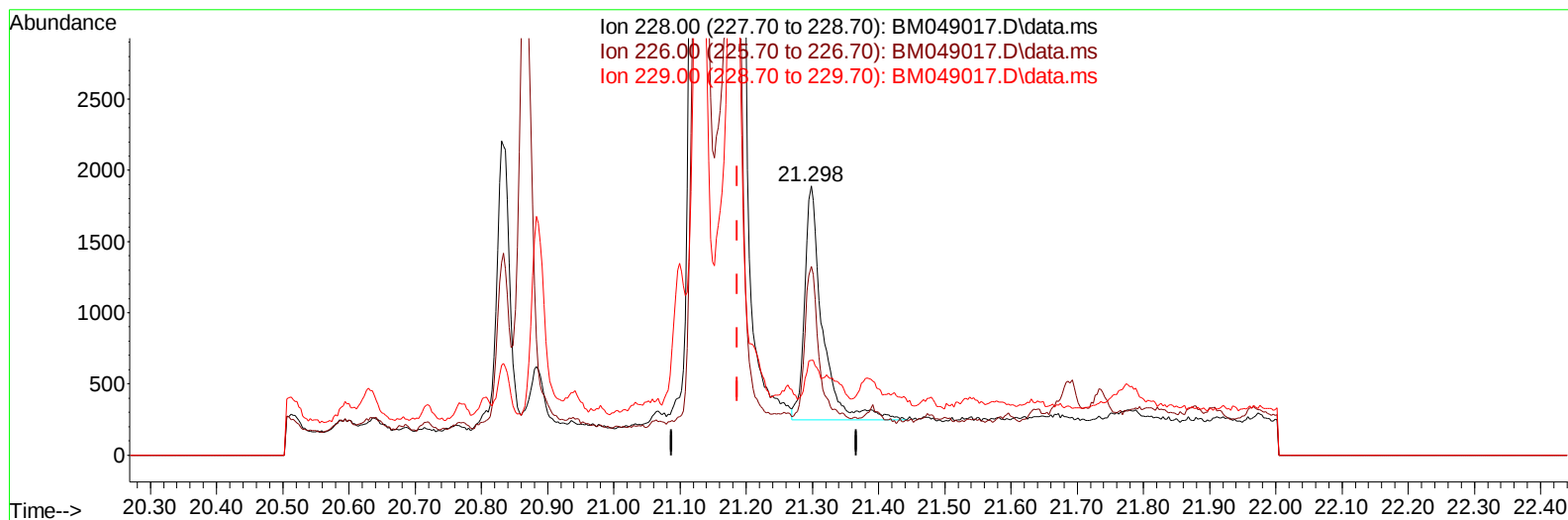
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(22) Chrysene

21.298min (+ 0.111) 0.04 ng/u1

response 3027

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.00	70.09#
229.00	20.00	35.31#
0.00	0.00	0.00

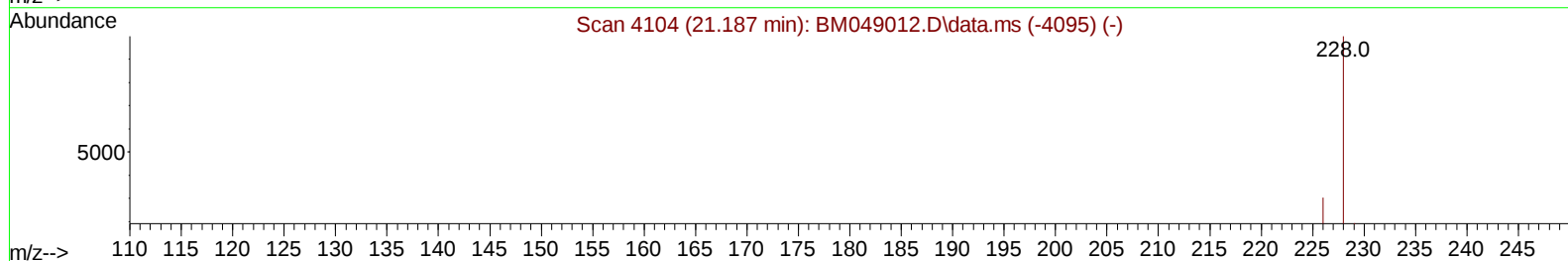
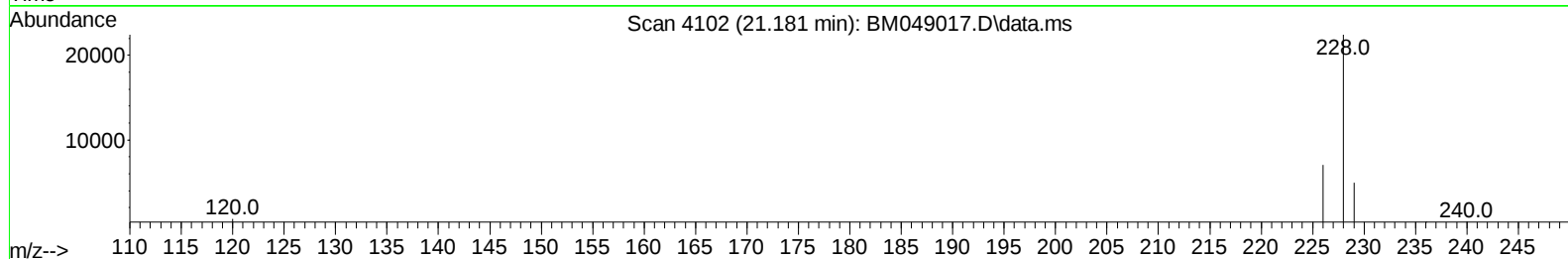
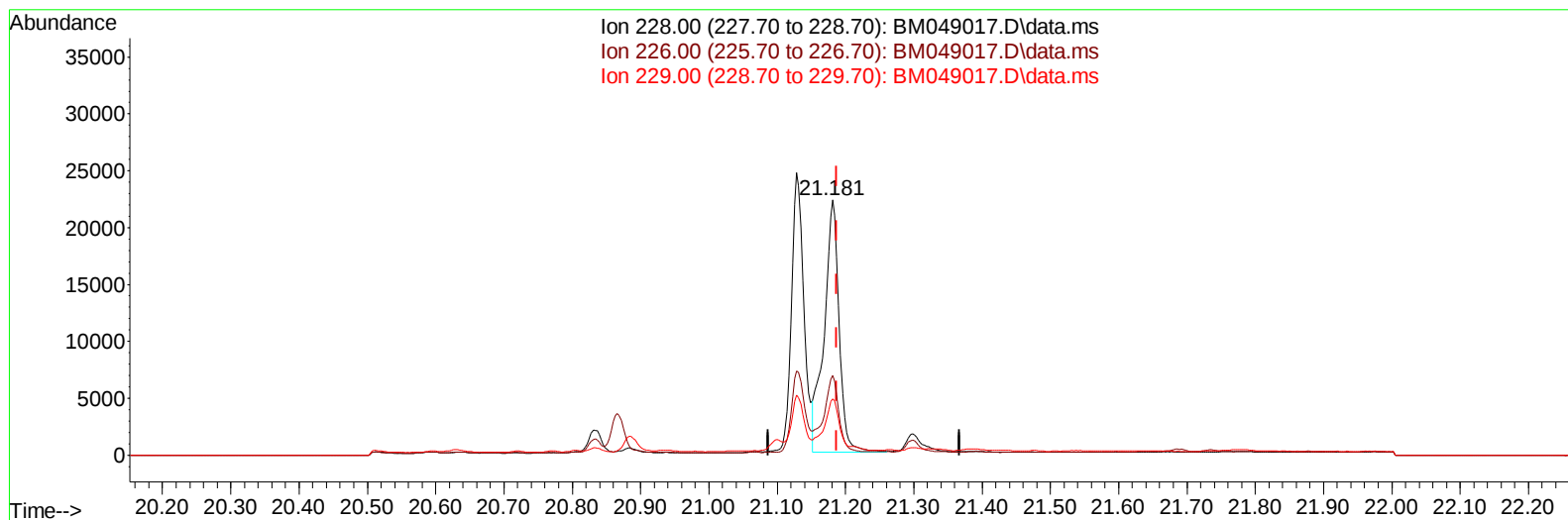
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(22) Chrysene

21.181min (-0.006) 0.44 ng/ul m

response 34058

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.00	31.31
229.00	20.00	22.14
0.00	0.00	0.00

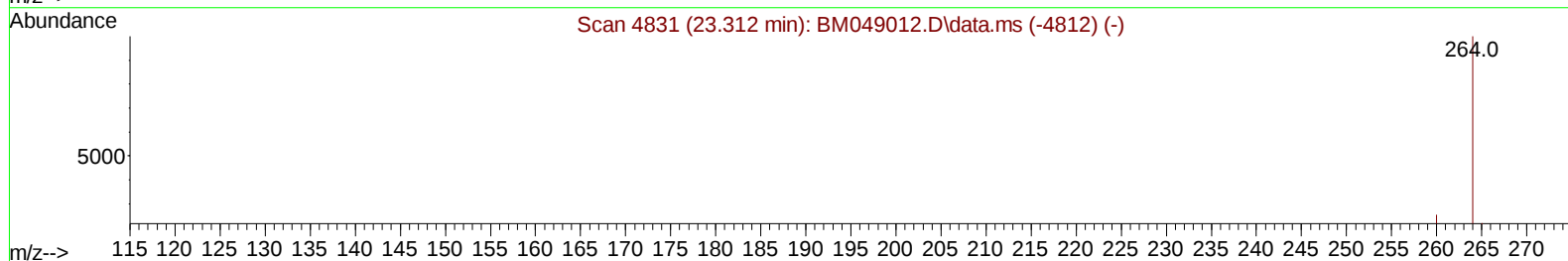
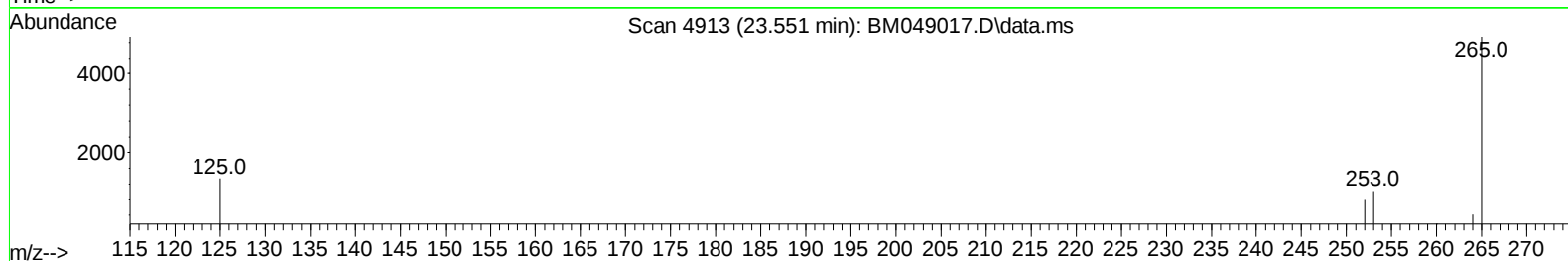
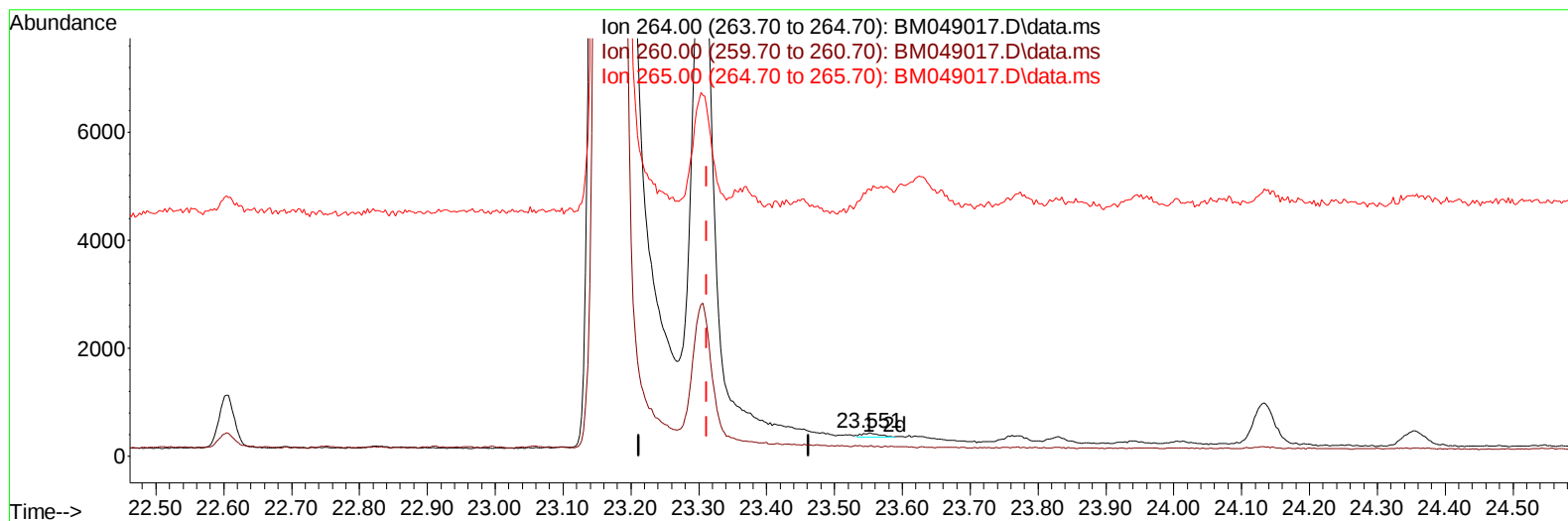
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(23) Perylene-d12 (I)

23.551min (+ 0.240) 0.40 ng/u1

response 138

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.50	42.00#
265.00	82.60	1146.87#
0.00	0.00	0.00

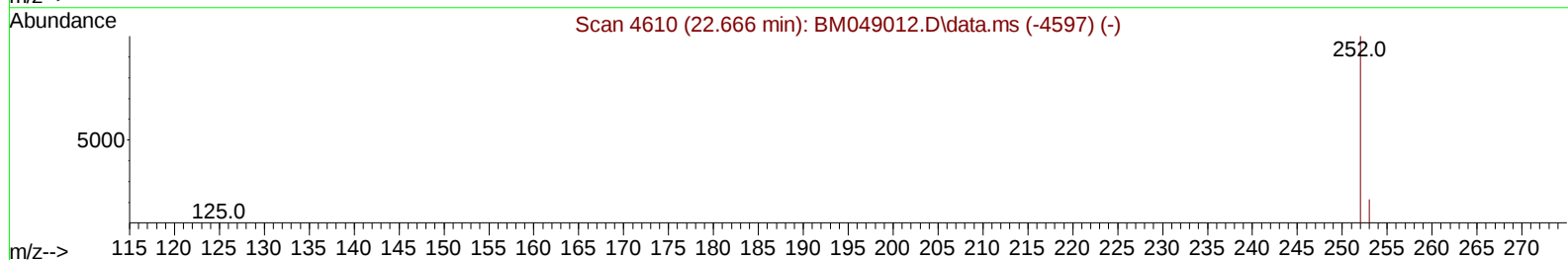
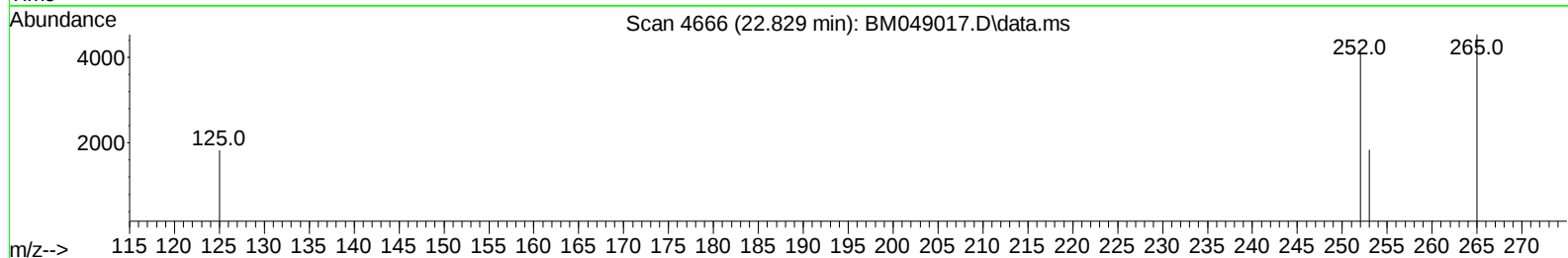
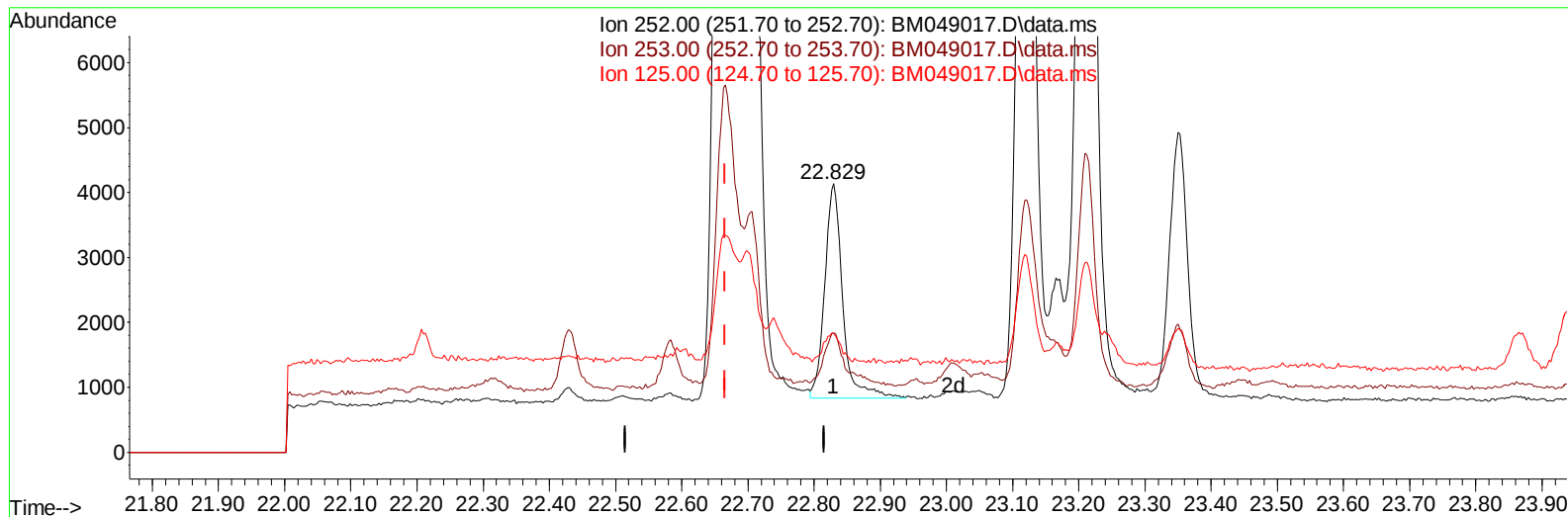
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(24) Benzo(b)fluoranthene

22.829min (+ 0.164) 0.10 ng/u1

response 6240

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.50	44.48
125.00	18.30	44.22#
0.00	0.00	0.00

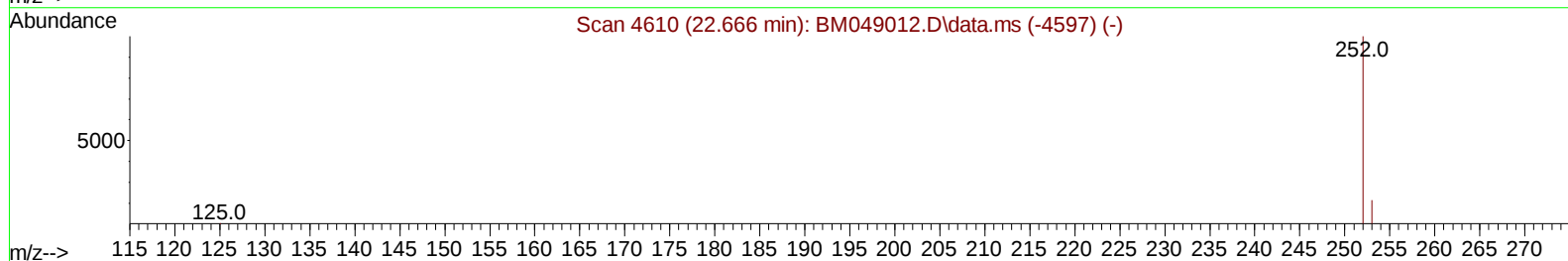
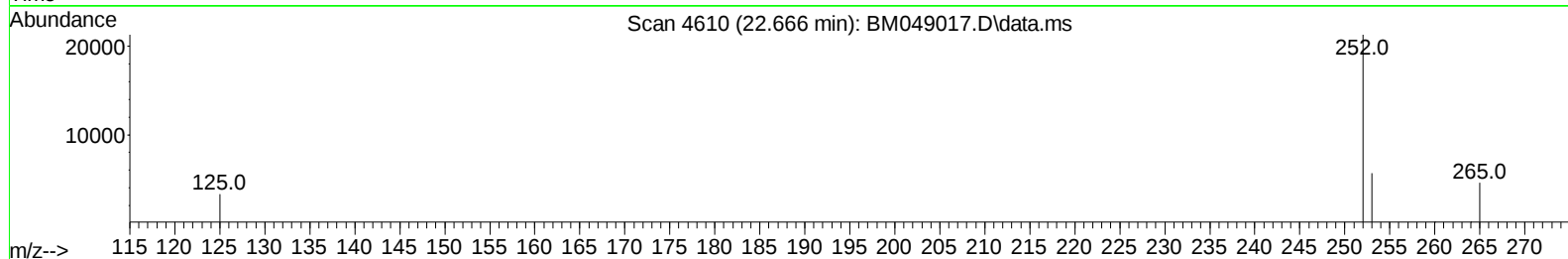
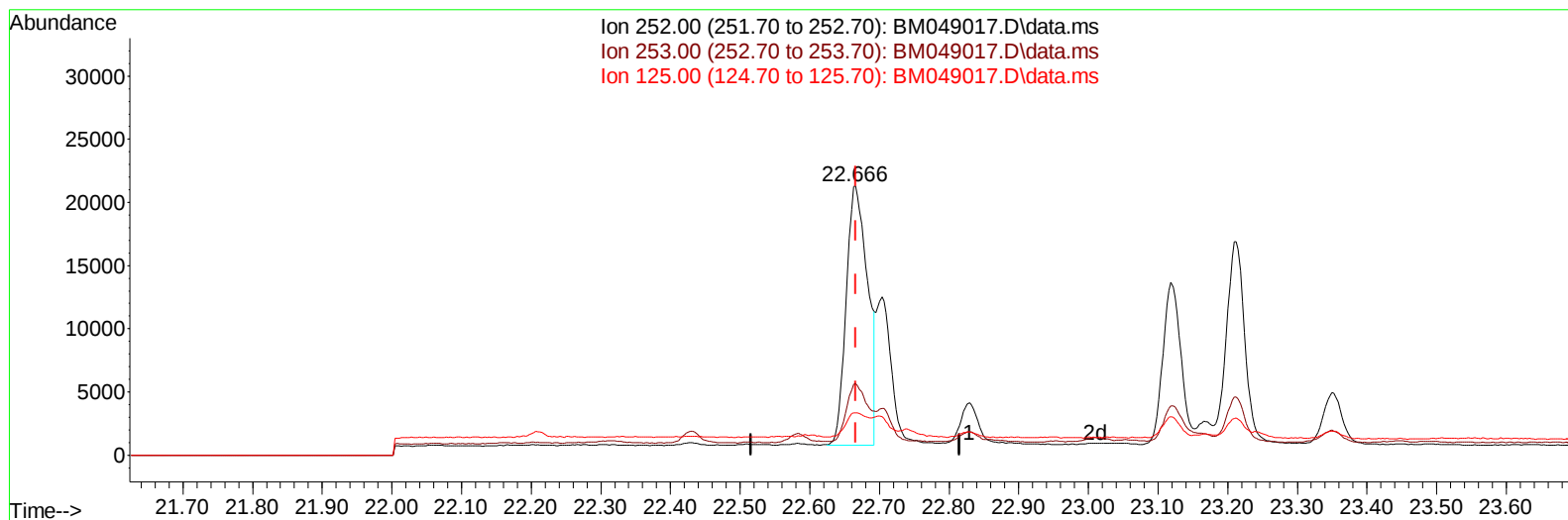
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049017.D\data.ms

(24) Benzo(b)fluoranthene

22.666min (-0.000) 0.73 ng/u1 m

response 43865

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.50	26.58
125.00	18.30	15.67
0.00	0.00	0.00

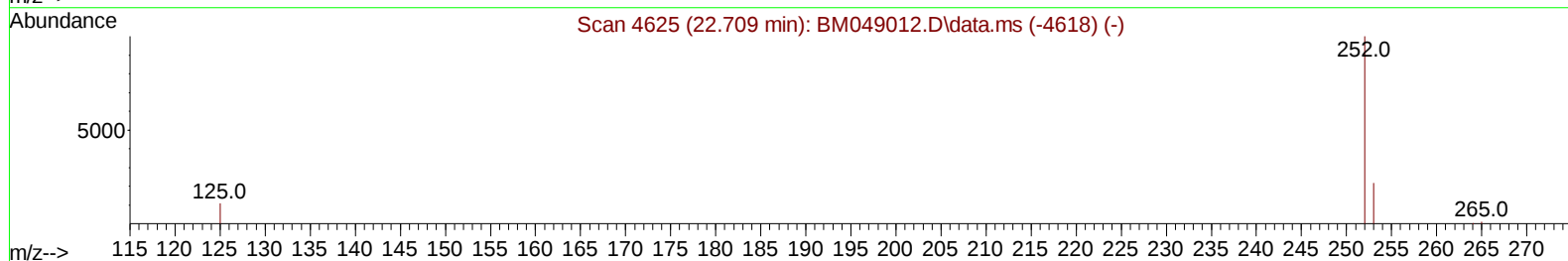
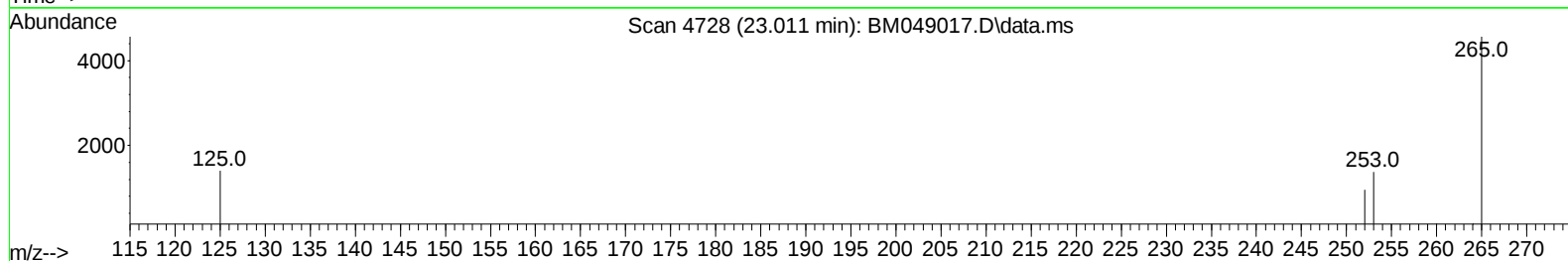
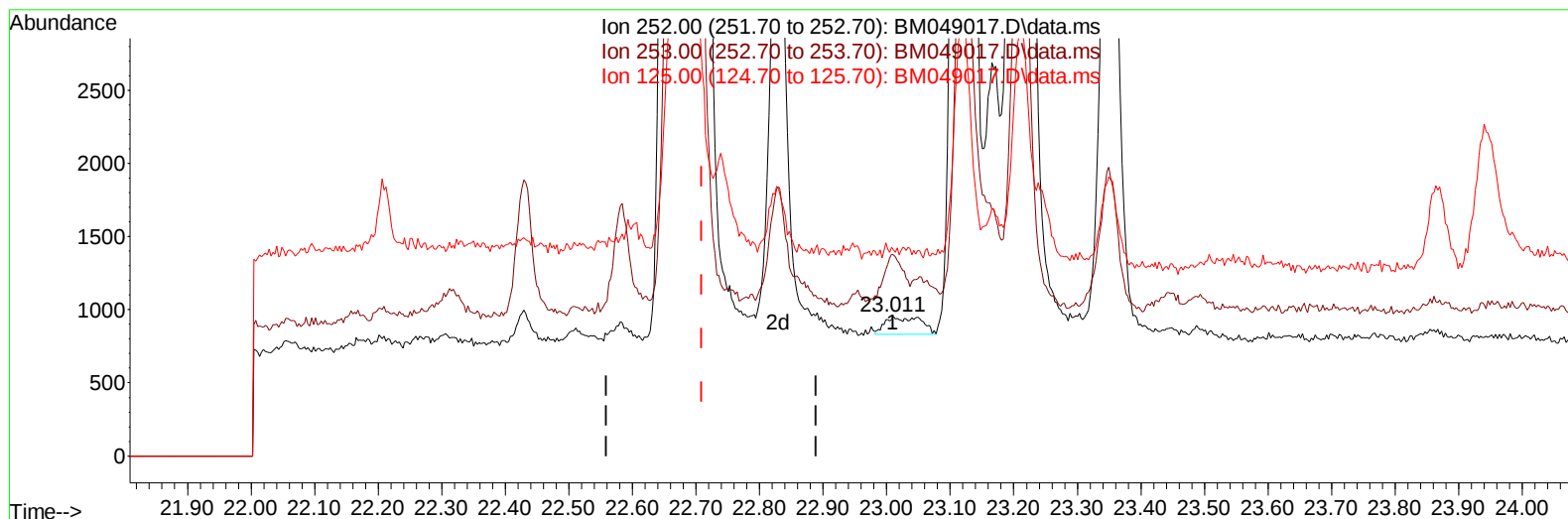
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(25) Benzo(k)fluoranthene

23.011min (+ 0.301) 0.01 ng/u1

response 471

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	143.92#
125.00	21.60	147.80#
0.00	0.00	0.00

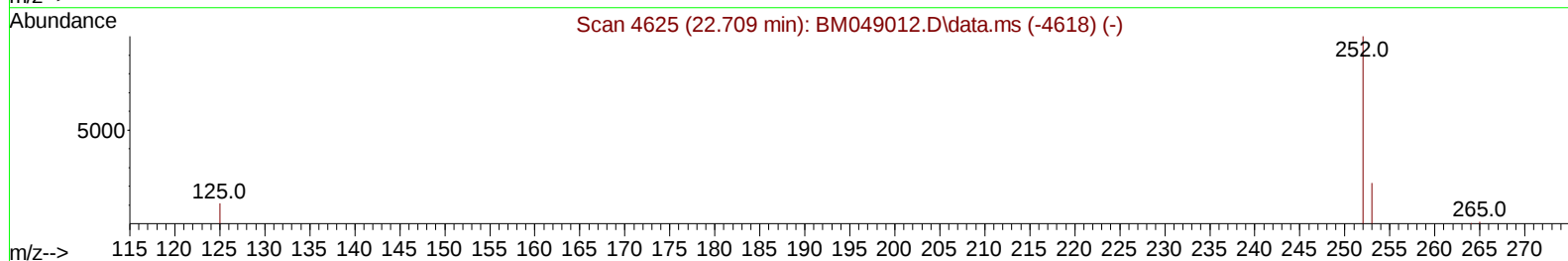
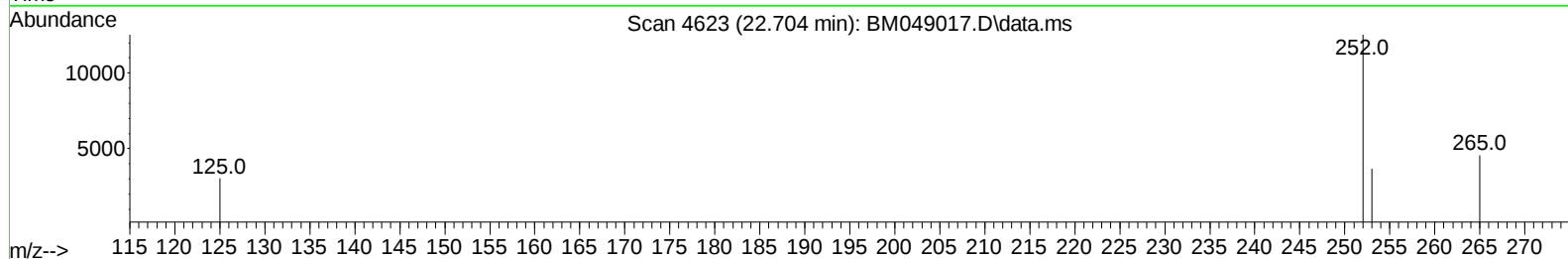
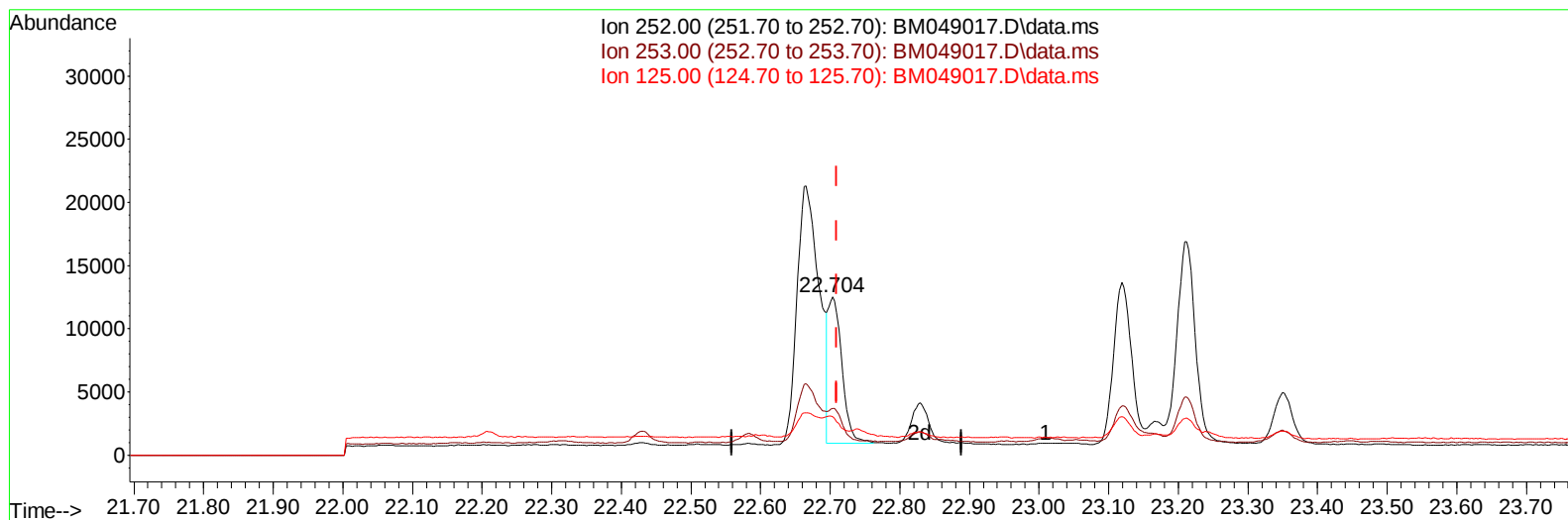
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(25) Benzo(k)fluoranthene

22.704min (-0.006) 0.23 ng/u1 m

response 15791

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	29.43
125.00	21.60	24.31
0.00	0.00	0.00

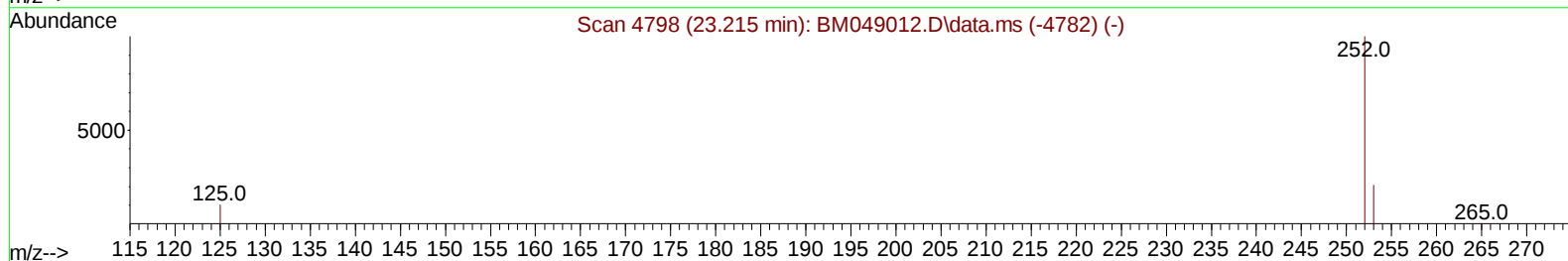
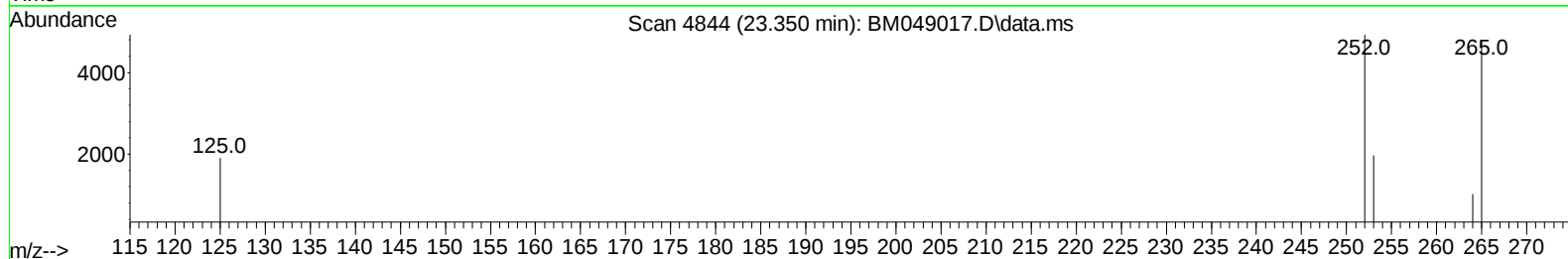
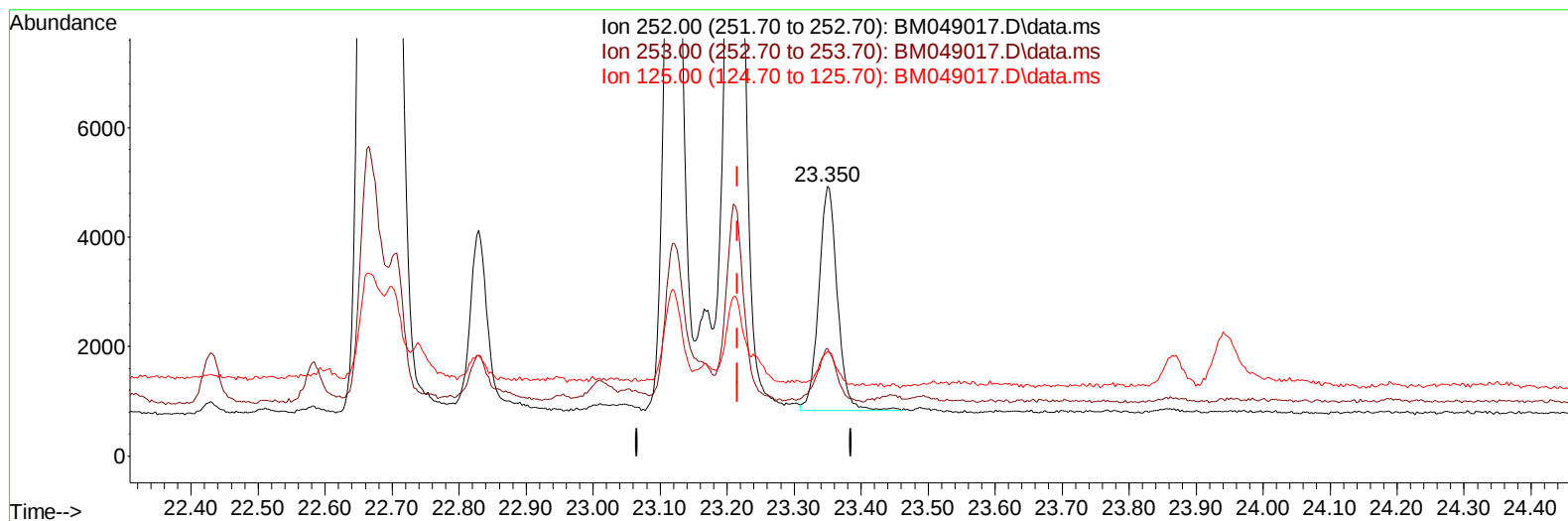
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(26) Benzo(a)pyrene (C)

23.350min (+ 0.134) 0.14 ng/u1

response 7984

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.30	40.06#
125.00	23.20	38.76#
0.00	0.00	0.00

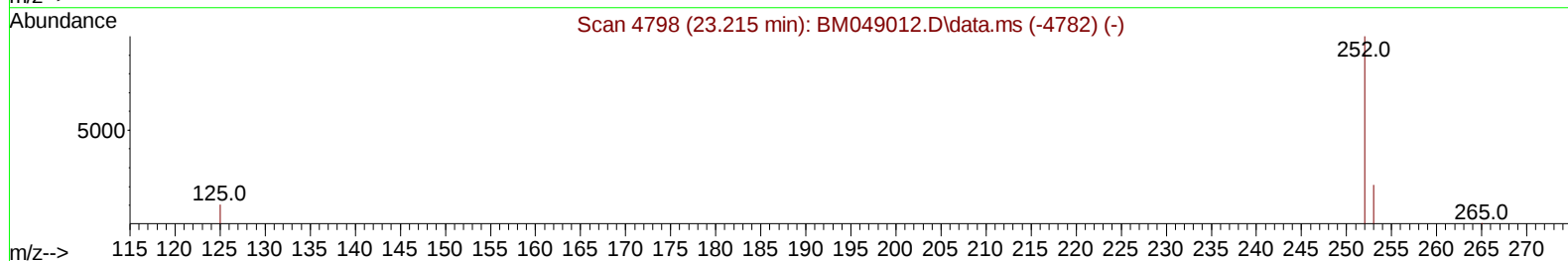
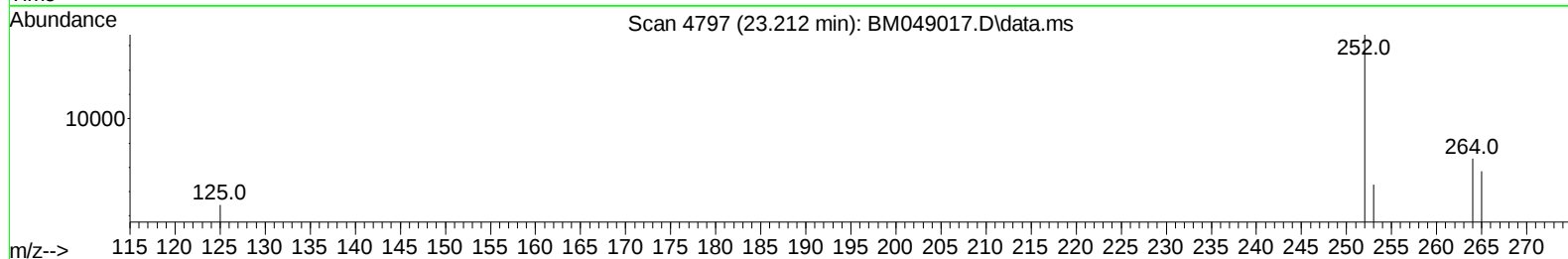
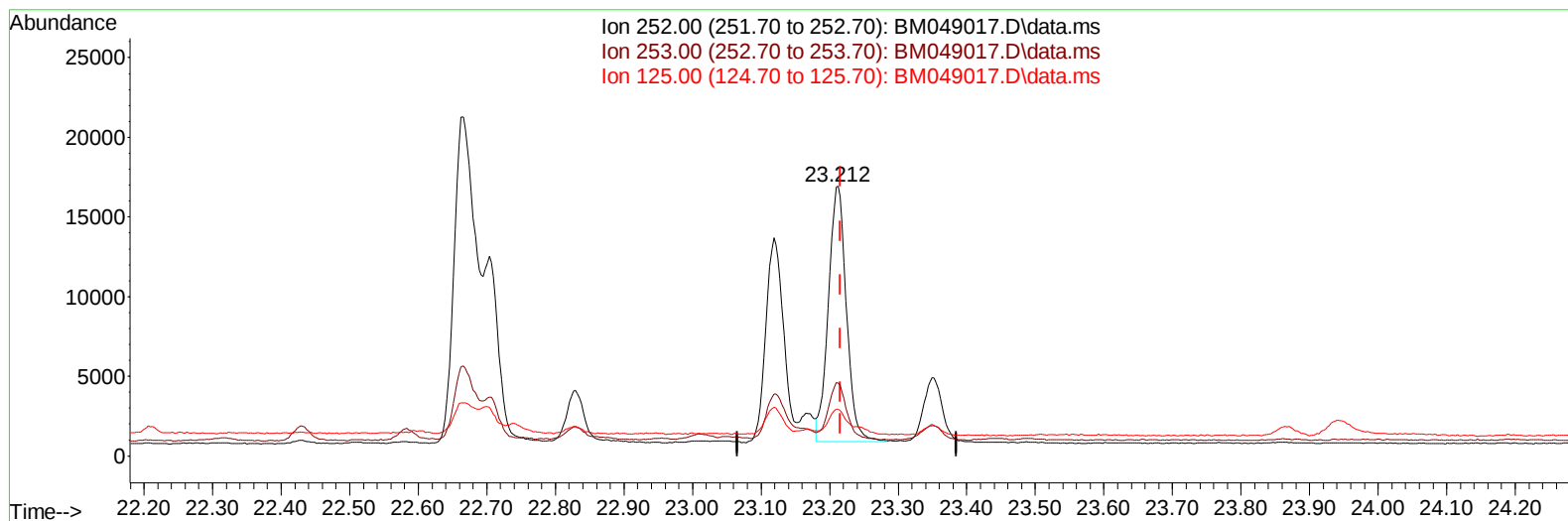
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(26) Benzo(a)pyrene (C)

23.212min (-0.003) 0.53 ng/u1 m

response 29454

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.30	27.04
125.00	23.20	17.30#
0.00	0.00	0.00

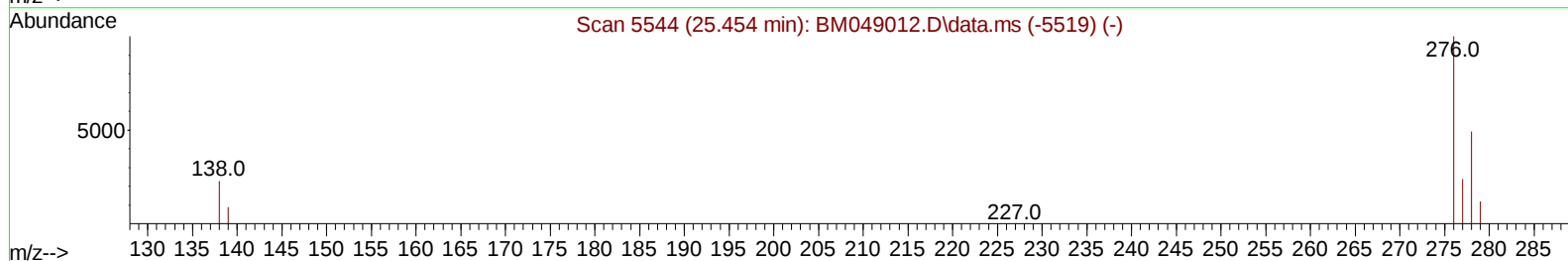
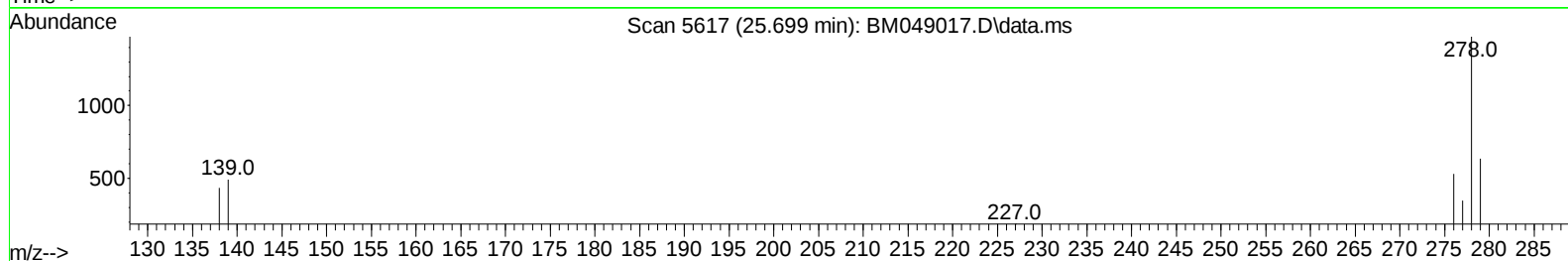
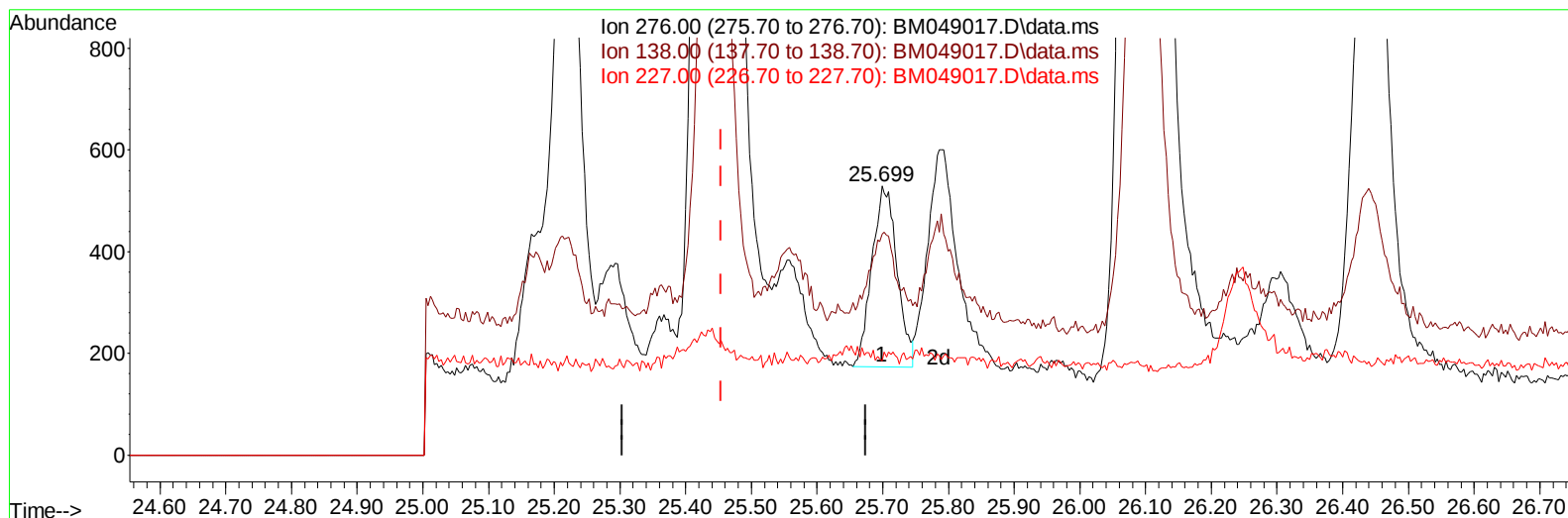
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

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

25.699min (+ 0.245) 0.01 ng/u1

response 948

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.60	56.96#
227.00	0.20	2.85#
0.00	0.00	0.00

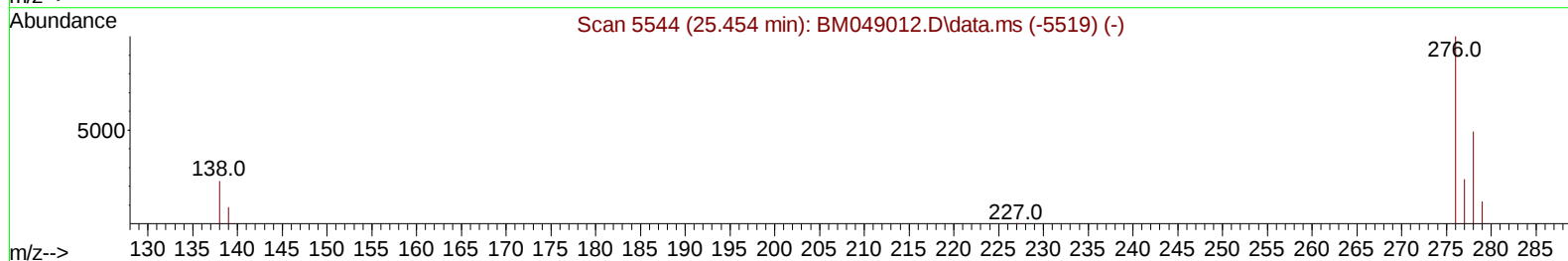
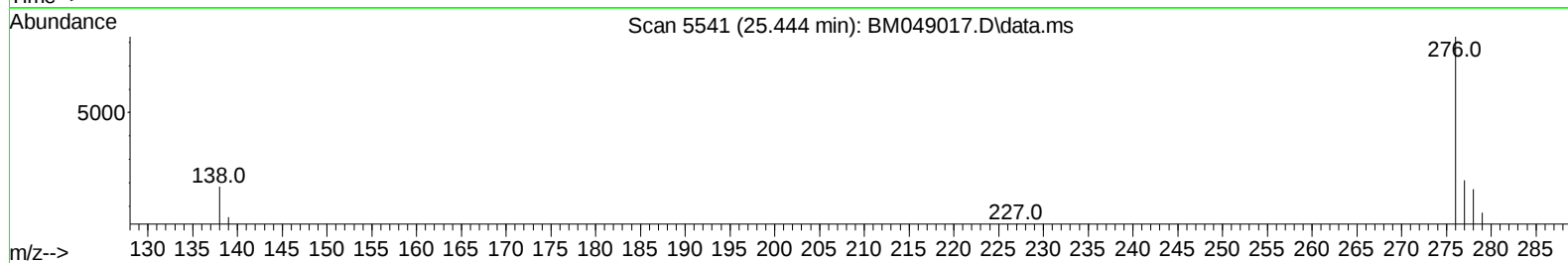
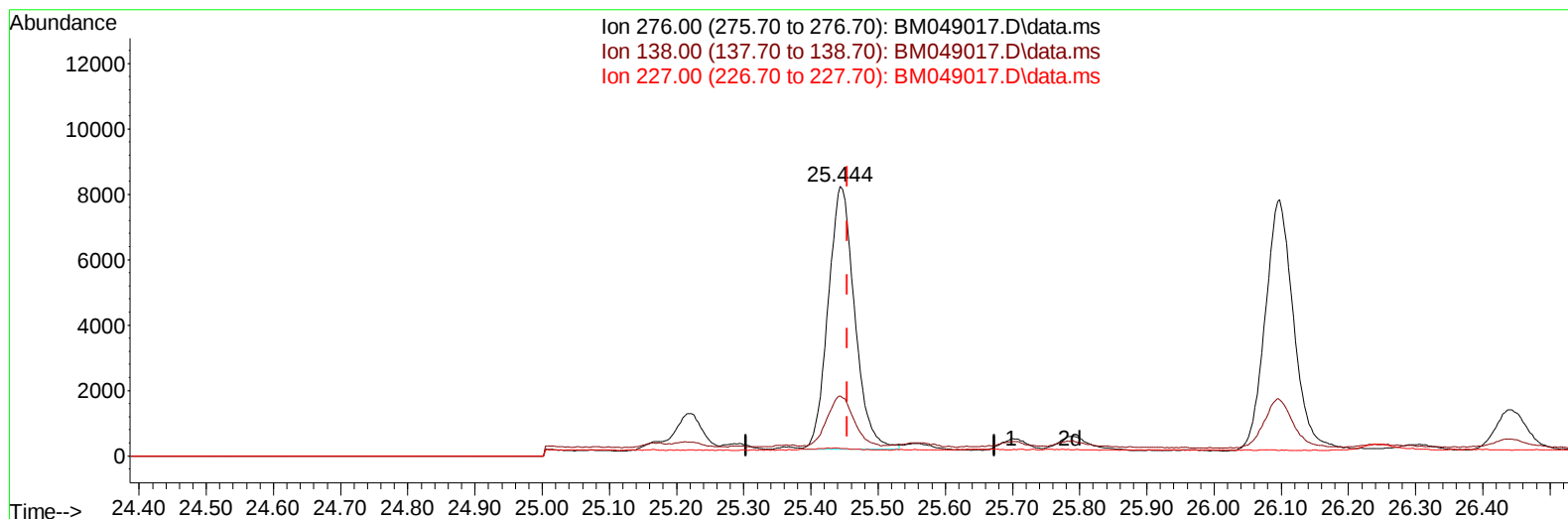
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

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

25.444min (-0.010) 0.28 ng/ul m

response 22103

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.60	2.44#
227.00	0.20	0.12#
0.00	0.00	0.00

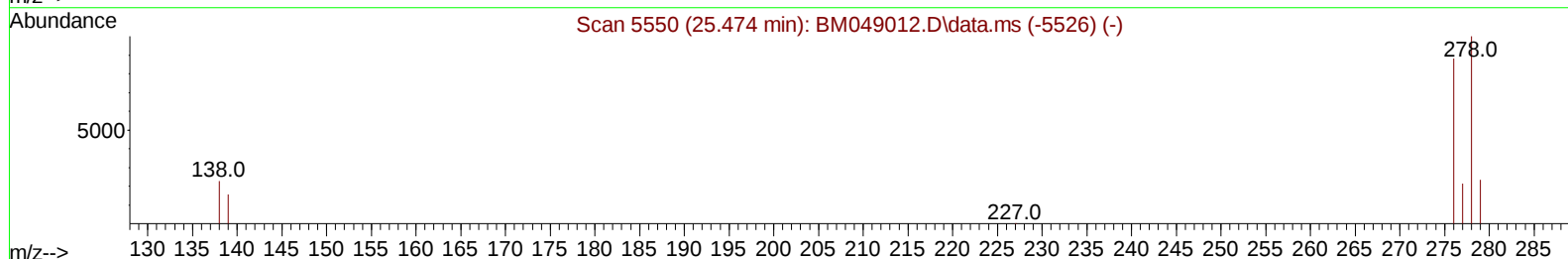
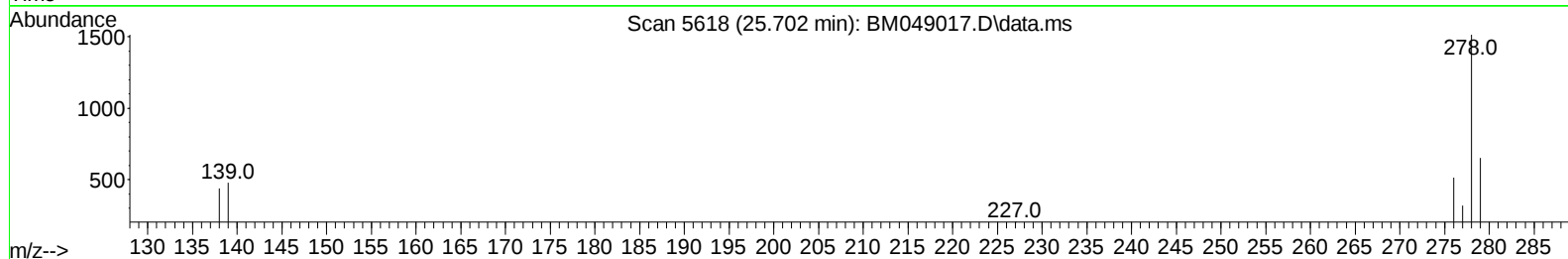
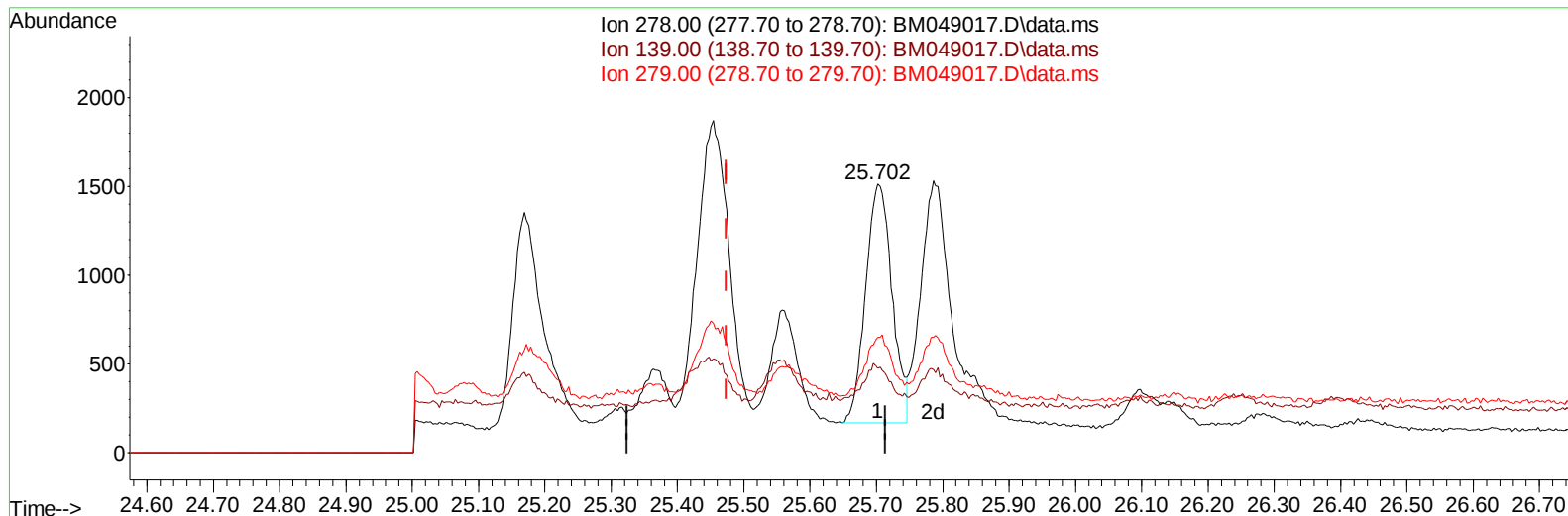
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(28) Dibenzo(a,h)anthracene

25.702min (+ 0.228) 0.06 ng/u1

response 3749

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.70	31.49#
279.00	26.40	43.04#
0.00	0.00	0.00

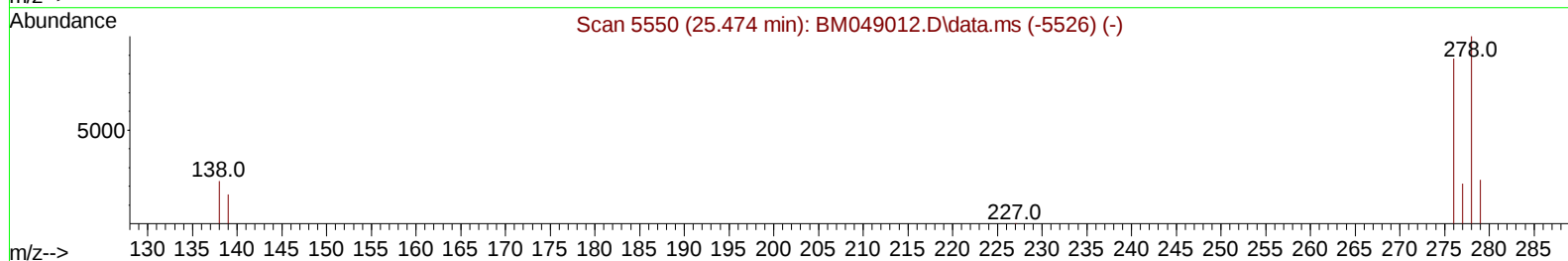
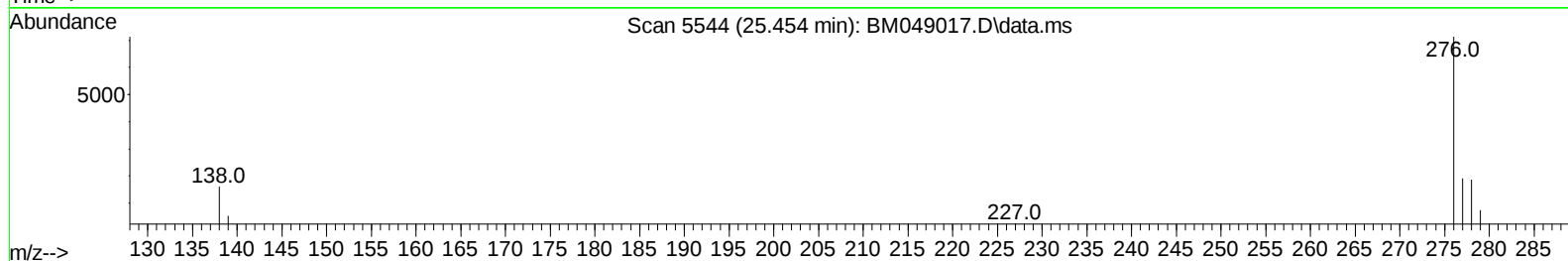
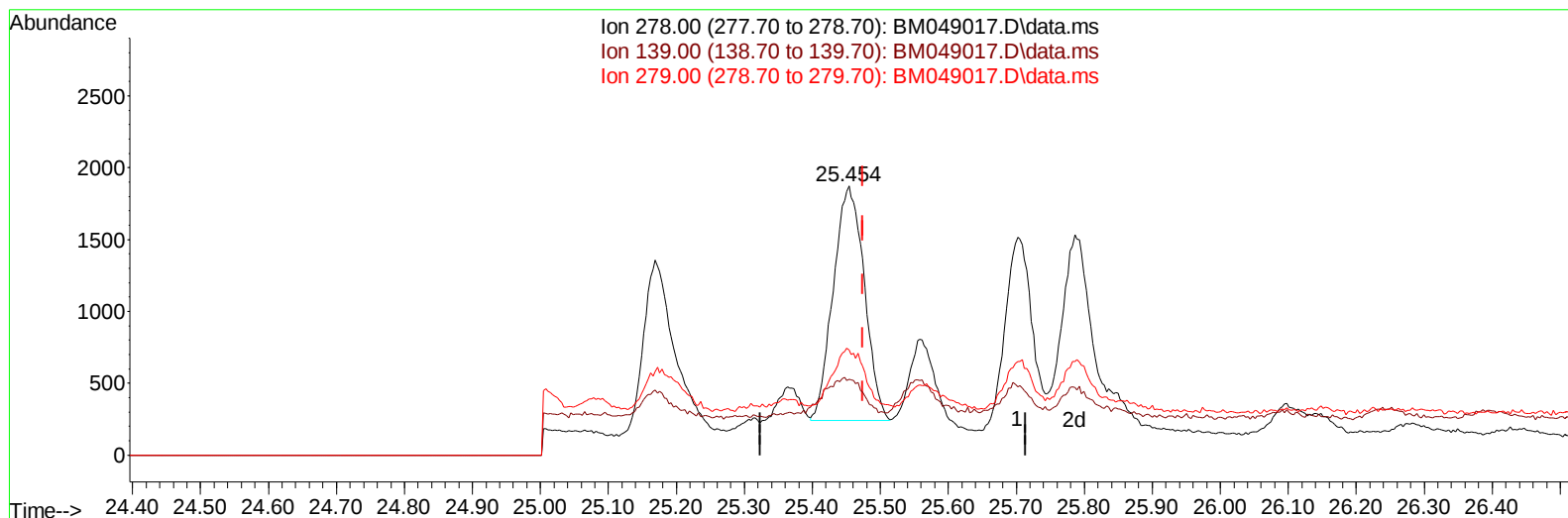
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

(28) Dibenzo(a,h)anthracene

25.454min (-0.020) 0.09 ng/ul m

response 5188

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.70	28.31#
279.00	26.40	39.05#
0.00	0.00	0.00

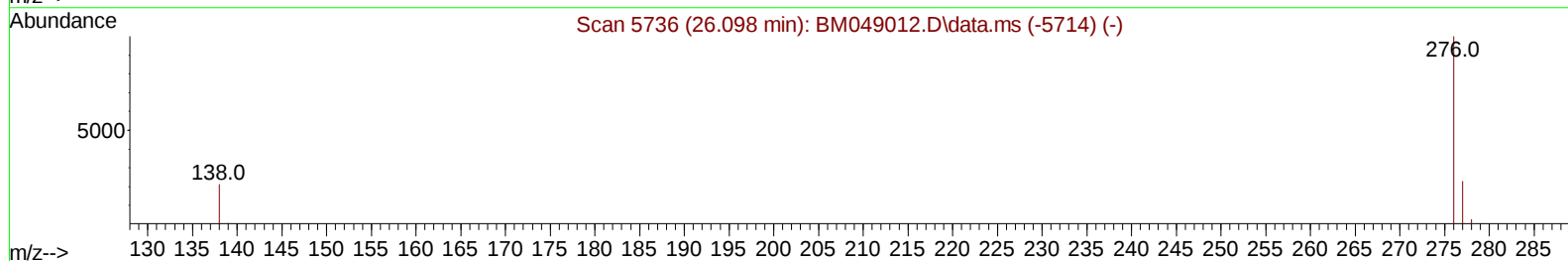
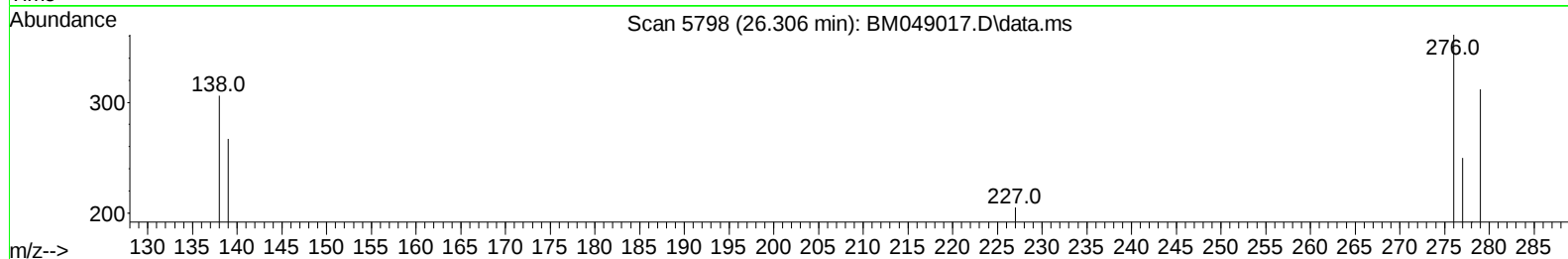
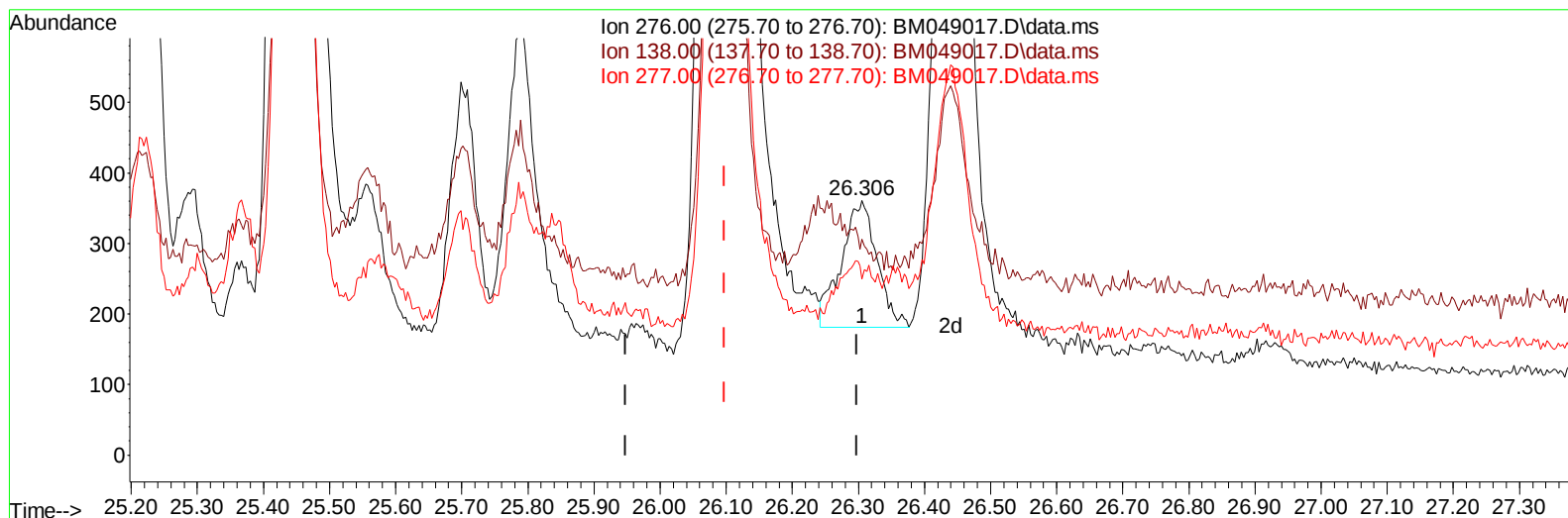
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

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

26.306min (+ 0.208) 0.01 ng/u1

response 677

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	84.76#
277.00	24.50	69.25#
0.00	0.00	0.00

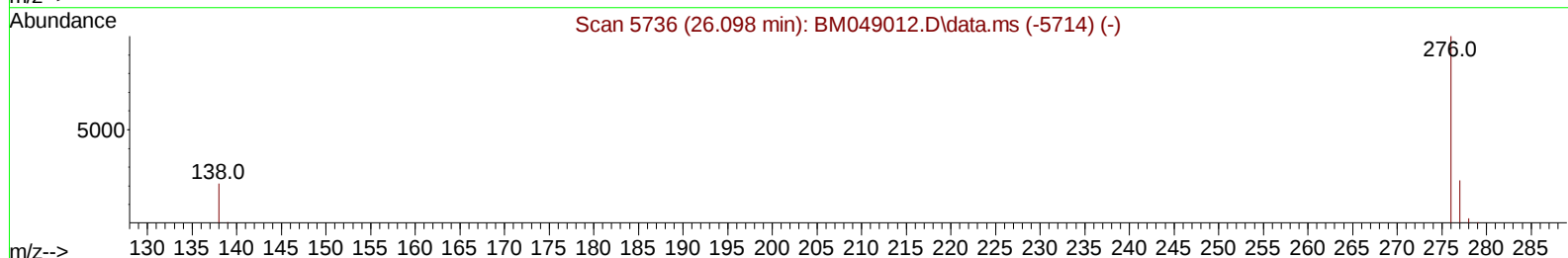
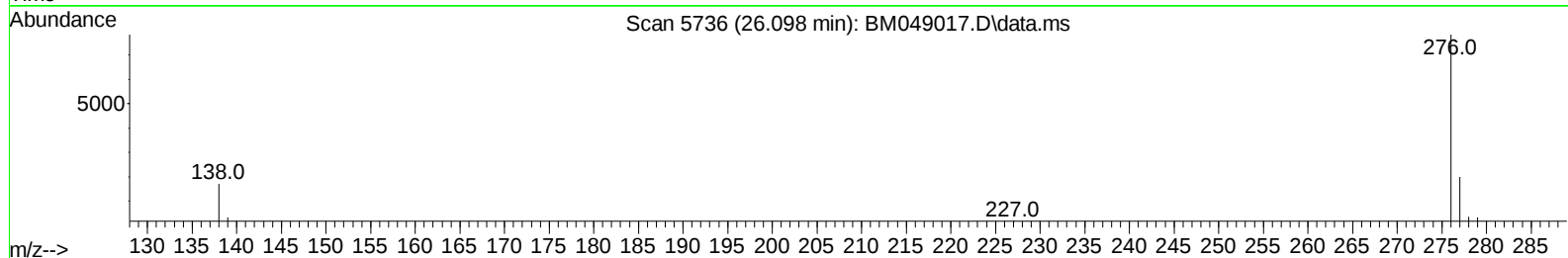
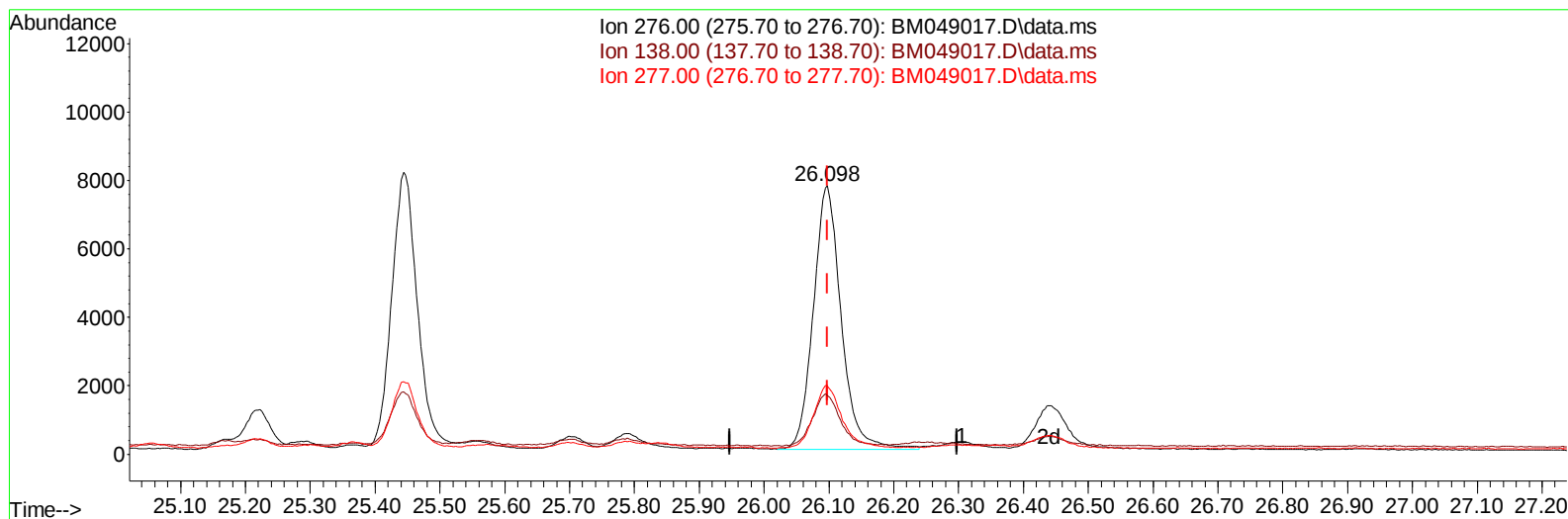
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049017.D\data.ms

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

26.098min (-0.000) 0.37 ng/ul m

response 23071

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	21.87
277.00	24.50	25.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
 Data File : BM049017.D
 Acq On : 17 Dec 2024 12:15
 Operator : RC/JU
 Sample : P5155-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28T7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 12:46:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 17 10:03:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	9252	0.400	ng/ul	0.00
4) Naphthalene-d8	10.336	136	28356	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.205	164	14834	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	28448m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	19621m	0.400	ng/ul	0.00
23) Perylene-d12	23.306	264	17358m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	32009	2.960	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	7428	0.205	ng/ul	0.00
18) Fluoranthene-d10	18.982	212	11707m	0.200	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.385	128	4726	0.065	ng/ul#	93
7) 2-Methylnaphthalene	12.008	142	2148	0.048	ng/ul	99
8) 1-Methylnaphthalene	12.227	142	1375	0.030	ng/ul	93
10) Acenaphthylene	13.922	152	4145	0.066	ng/ul#	93
12) Fluorene	15.259	166	1203	0.023	ng/ul#	87
15) Phenanthrene	16.992	178	24355m	0.312	ng/ul	
16) Anthracene	17.081	178	7471m	0.107	ng/ul	
19) Fluoranthene	19.015	202	62283m	0.765	ng/ul	
20) Pyrene	19.377	202	55105m	0.628	ng/ul	
21) Benzo(a)anthracene	21.129	228	30525m	0.442	ng/ul	
22) Chrysene	21.181	228	34058m	0.436	ng/ul	
24) Benzo(b)fluoranthene	22.666	252	43865m	0.731	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	15791m	0.228	ng/ul	
26) Benzo(a)pyrene	23.212	252	29454m	0.531	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.444	276	22103m	0.284	ng/ul	
28) Dibenzo(a,h)anthracene	25.454	278	5188m	0.086	ng/ul	
29) Benzo(g,h,i)perylene	26.098	276	23071m	0.368	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049017.D
Acq On : 17 Dec 2024 12:15
Operator : RC/JU
Sample : P5155-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 12:46:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

