

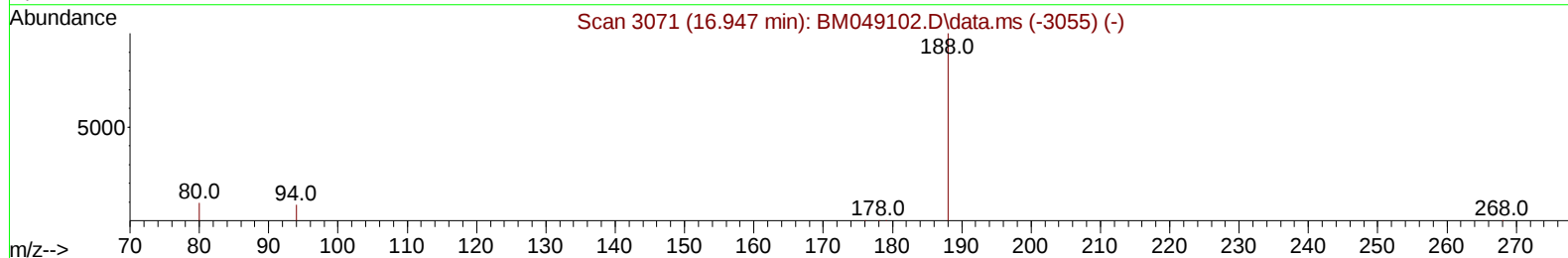
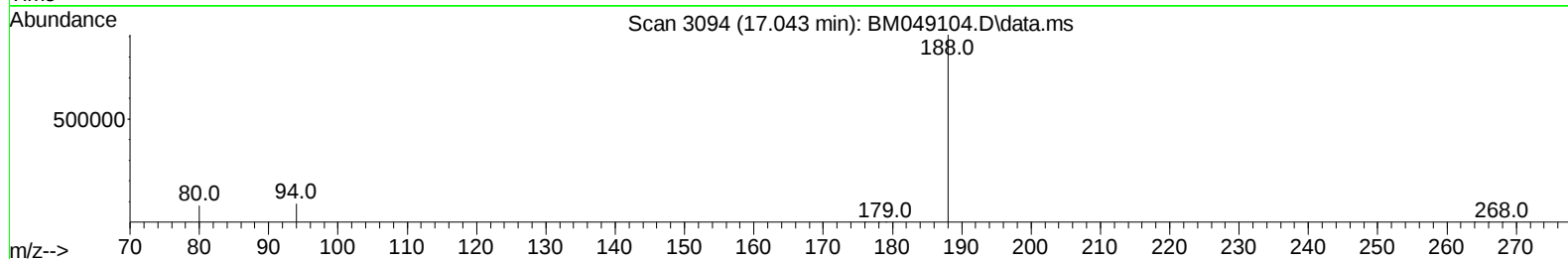
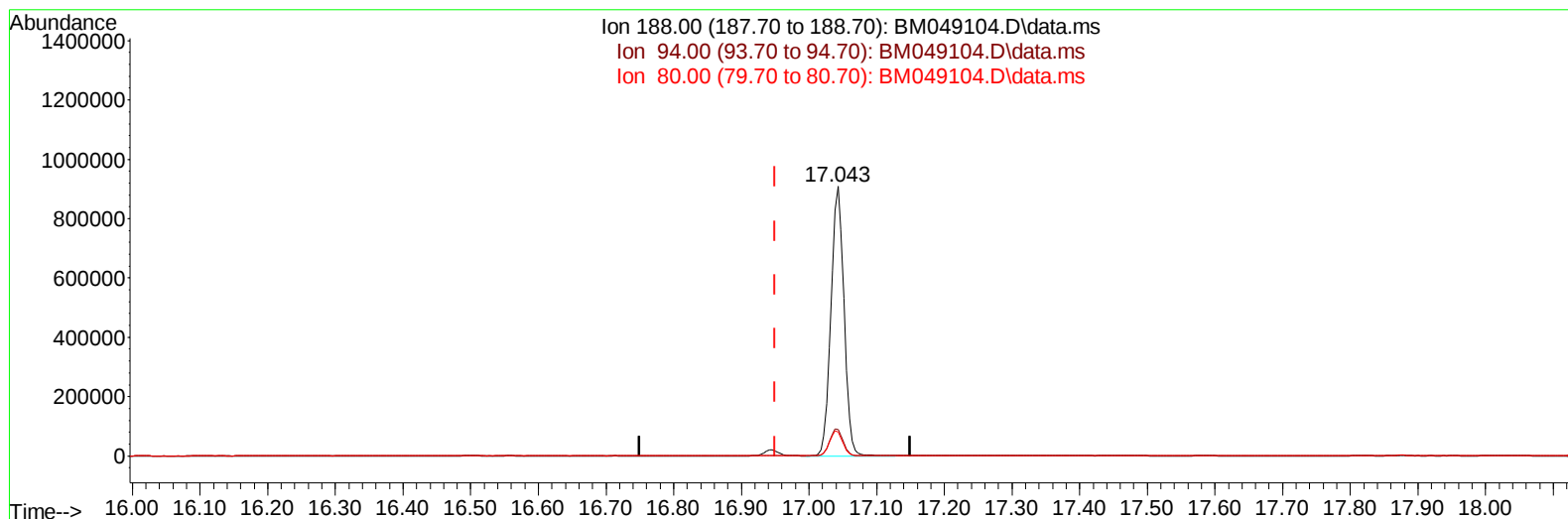
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(13) Phenanthrene-d10 (I)

17.043min (+ 0.093) 0.40 ng/u1

response 1219464

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.90
80.00	10.70	8.91
0.00	0.00	0.00

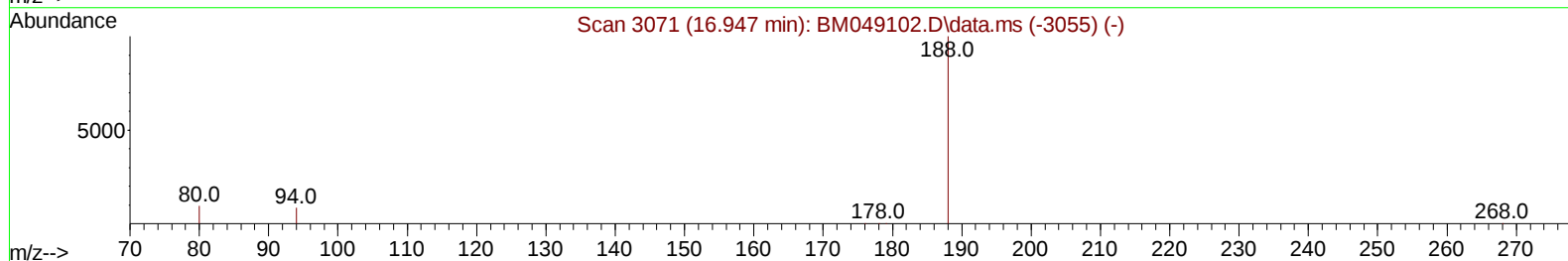
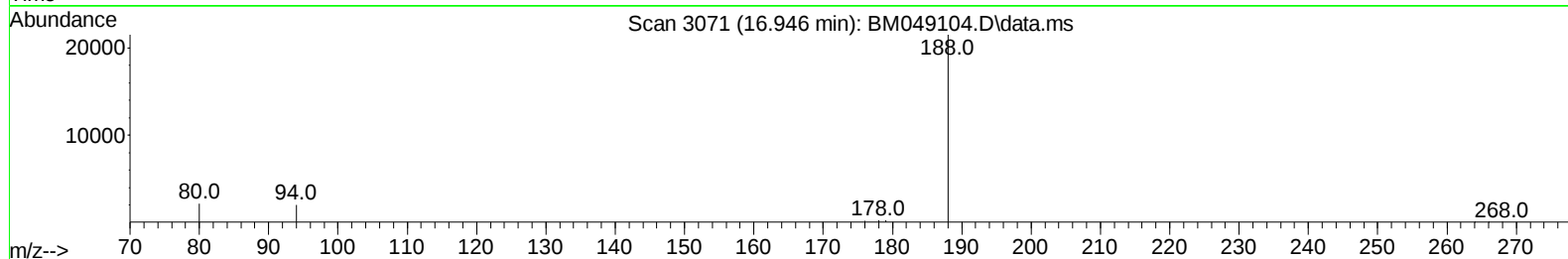
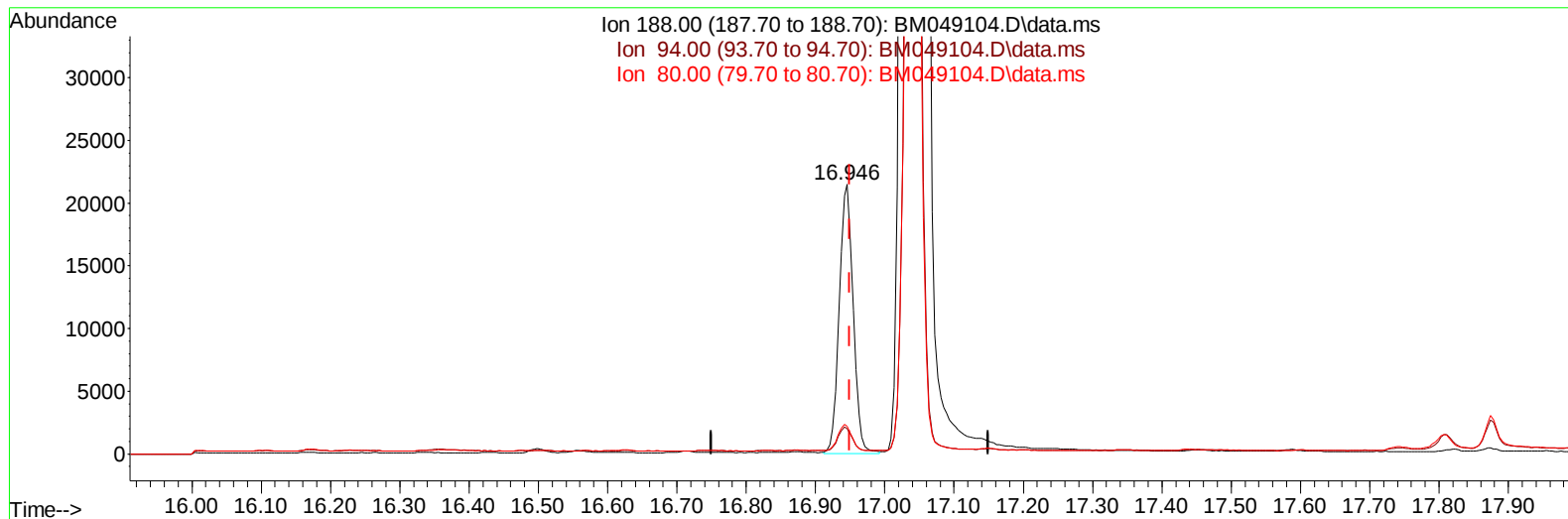
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(13) Phenanthrene-d10 (I)

16.946min (-0.004) 0.40 ng/ul m

response 29641

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.43
80.00	10.70	10.25
0.00	0.00	0.00

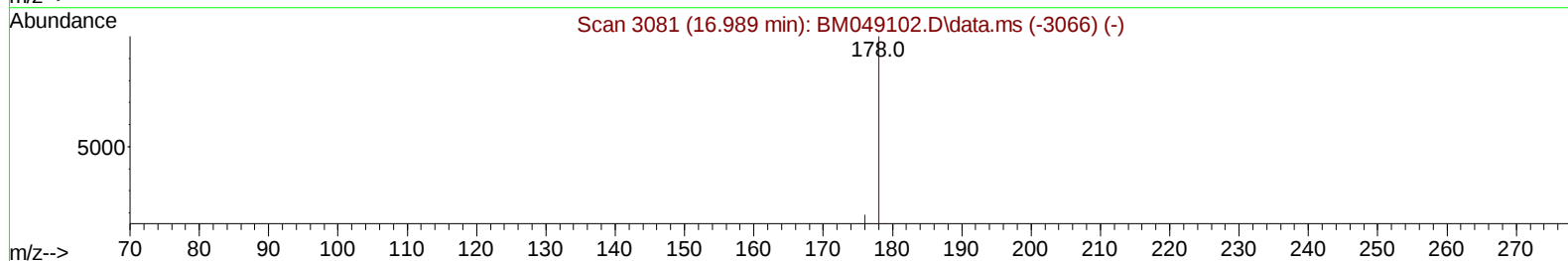
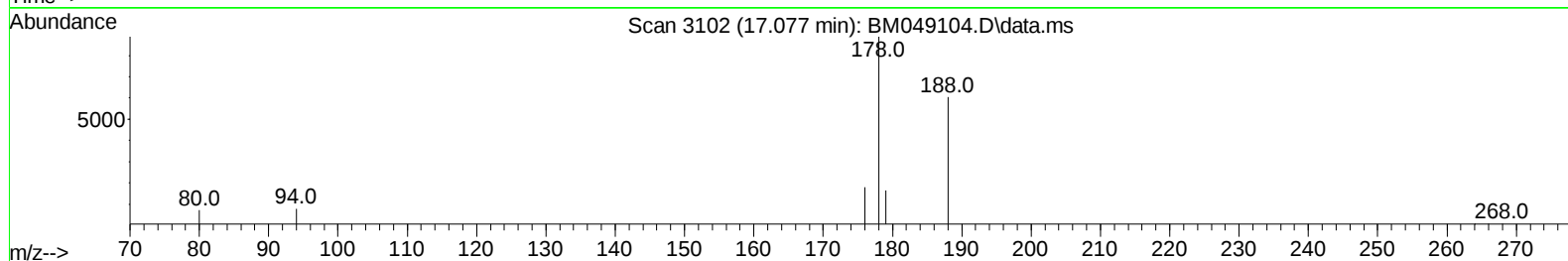
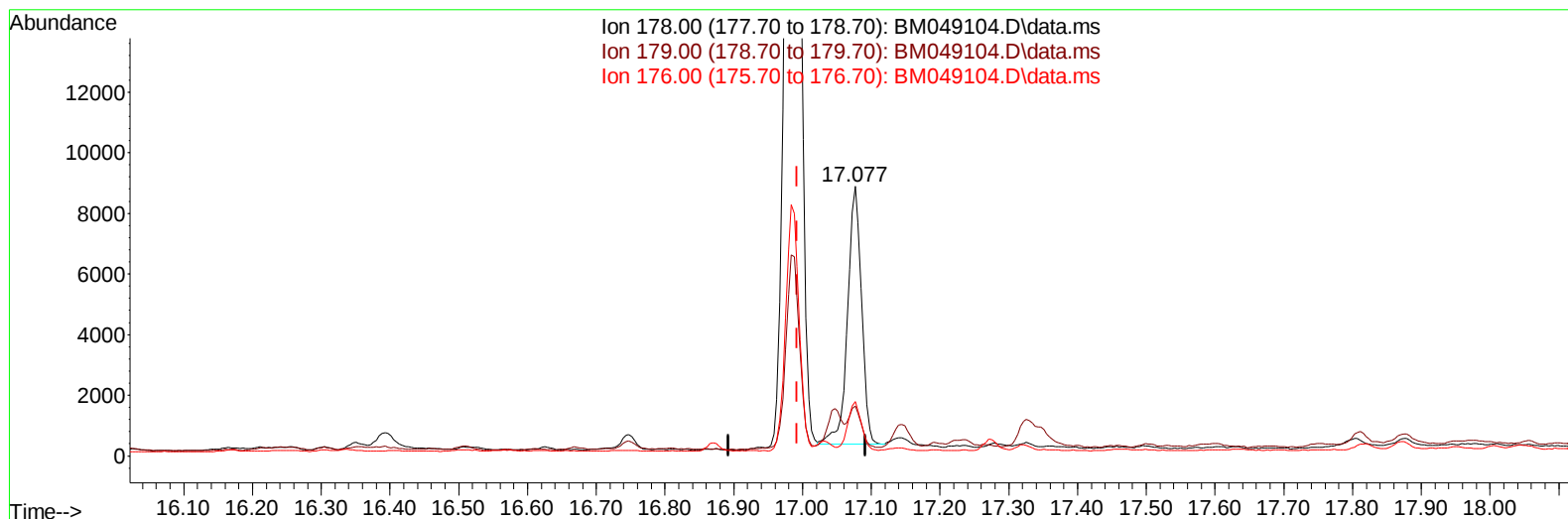
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(15) Phenanthrene

17.077min (+ 0.085) 0.16 ng/u1

response 12021

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	18.53
176.00	20.20	20.10
0.00	0.00	0.00

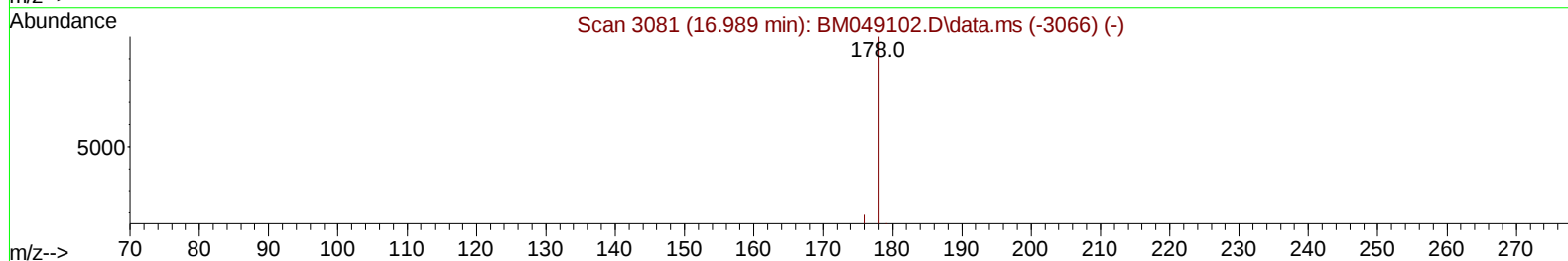
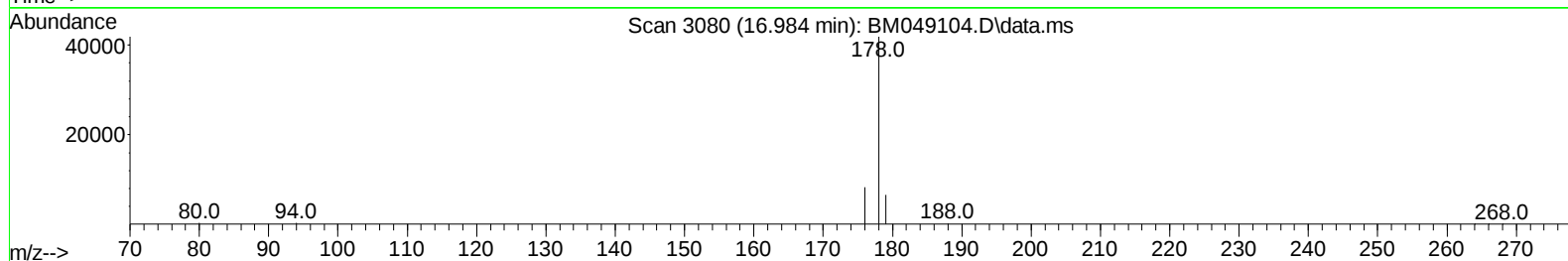
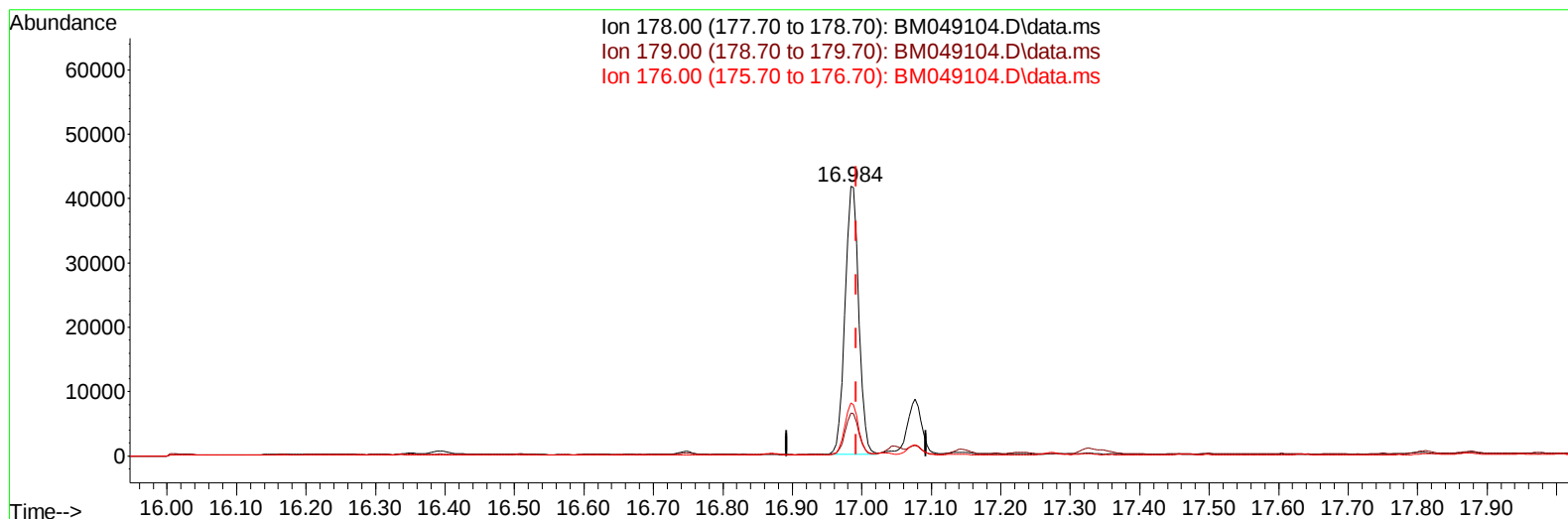
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(15) Phenanthrene

16.984min (-0.008) 0.74 ng/u1 m

response 57254

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.83
176.00	20.20	19.79
0.00	0.00	0.00

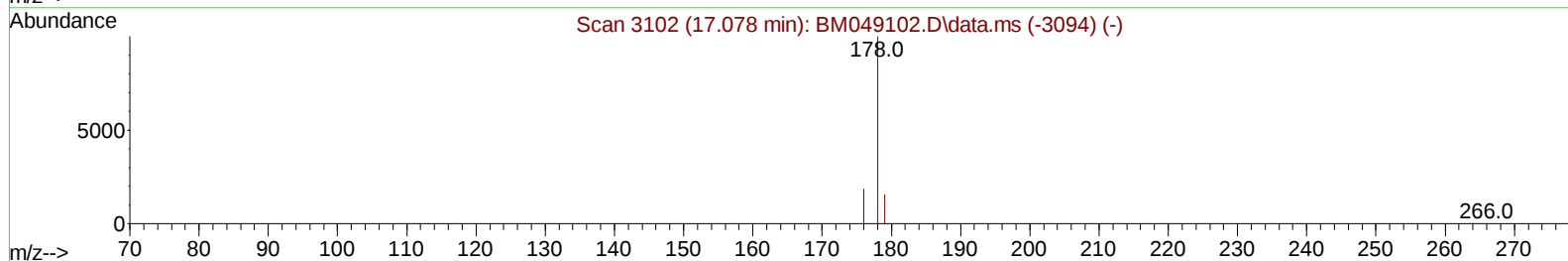
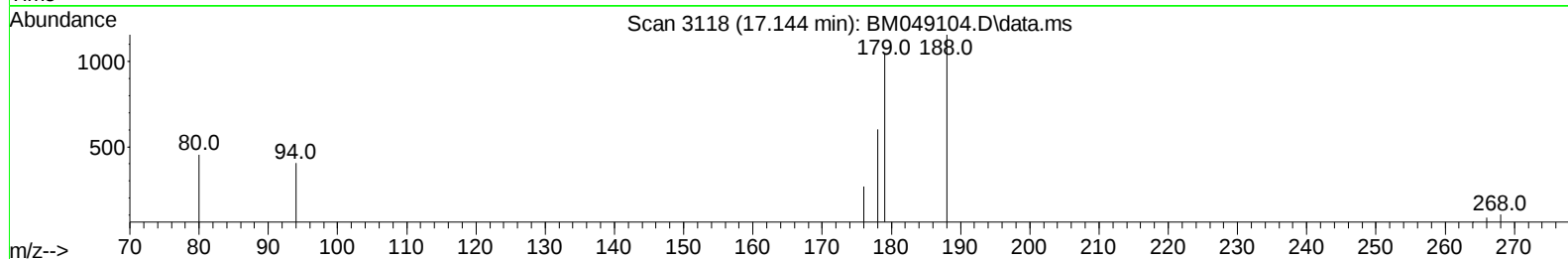
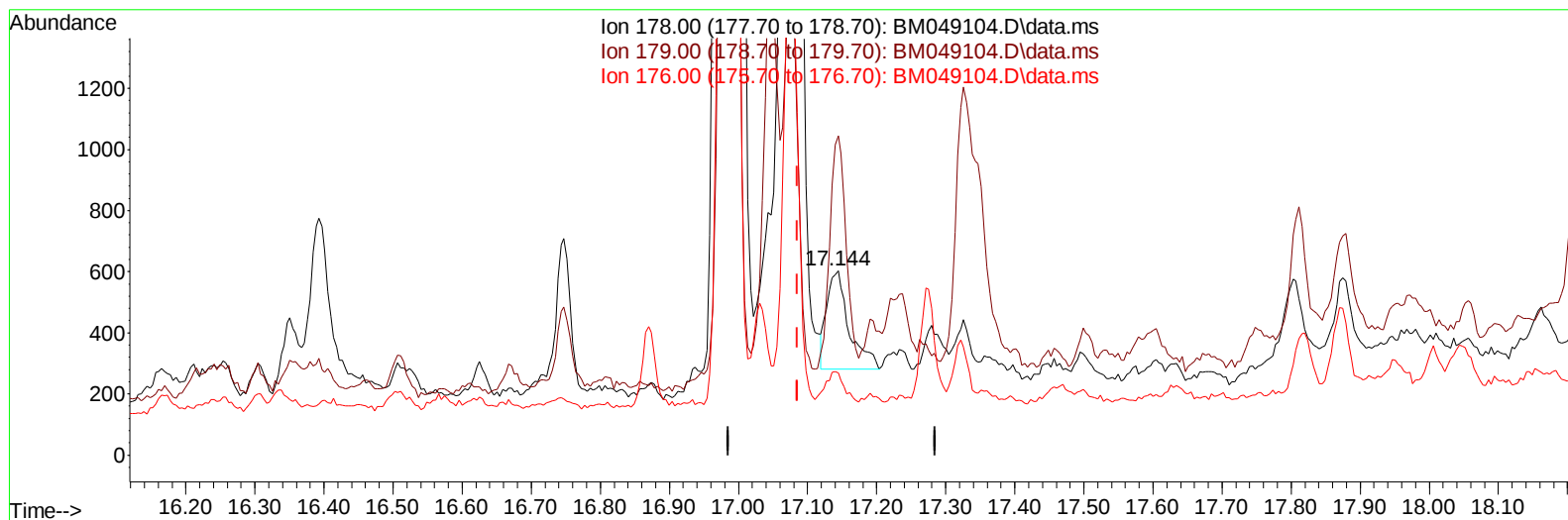
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049104.D
 Acq On : 20 Dec 2024 17:25
 Operator : RC/JU
 Sample : P5265-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(16) Anthracene

17.144min (+ 0.059) 0.01 ng/u1

response 725

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	173.13#
176.00	19.10	44.61#
0.00	0.00	0.00

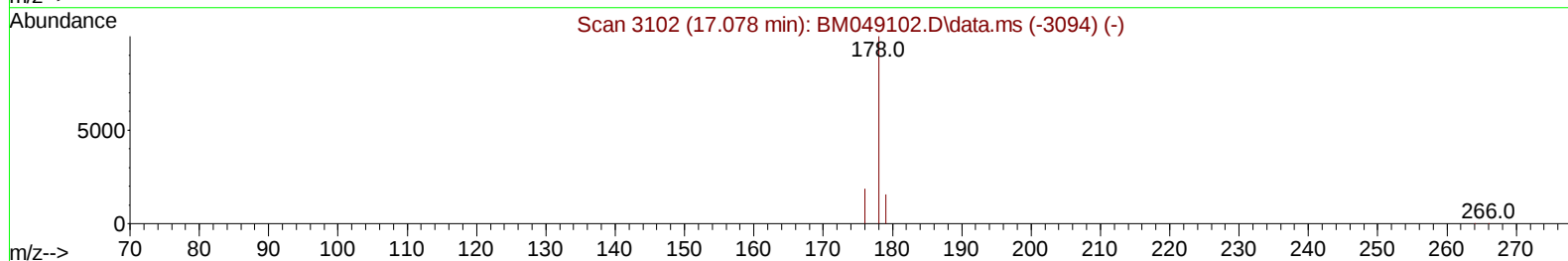
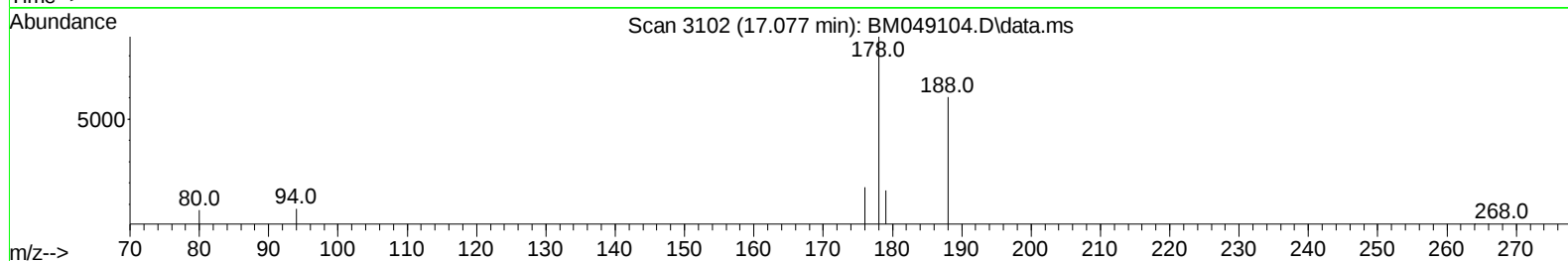
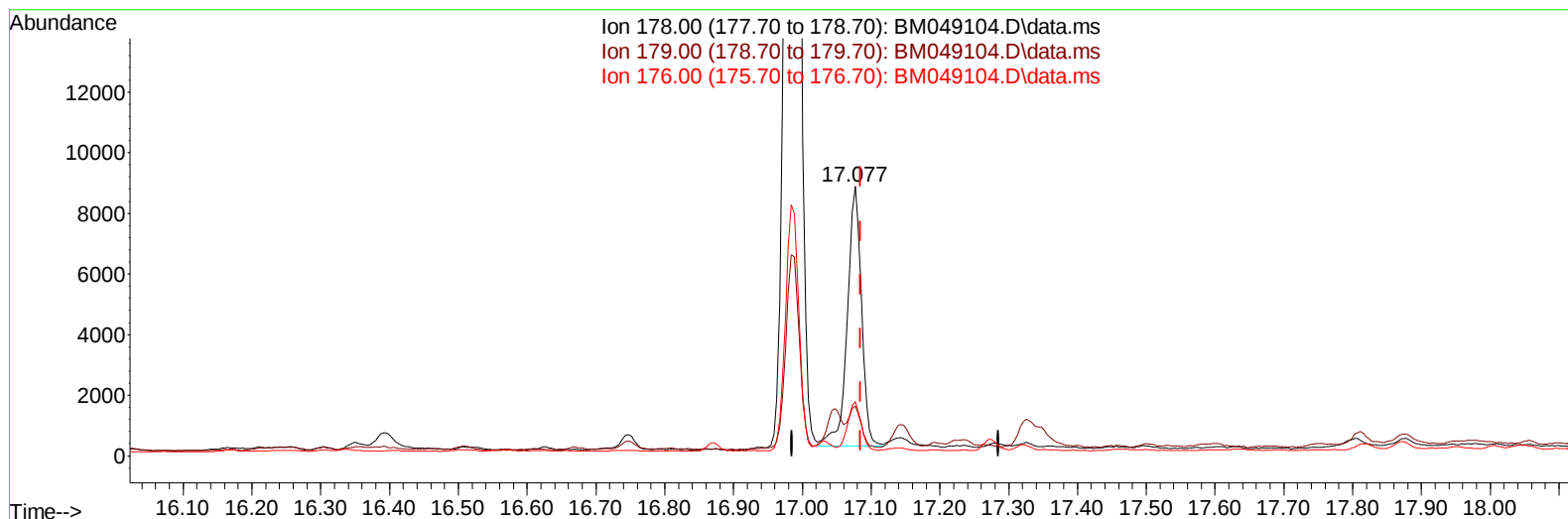
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(16) Anthracene

17.077min (-0.008) 0.18 ng/ul m

response 12446

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	18.53
176.00	19.10	20.10
0.00	0.00	0.00

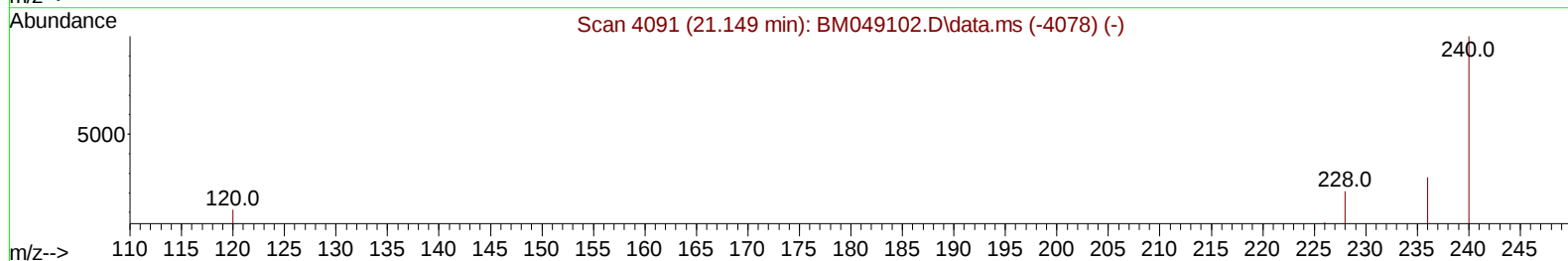
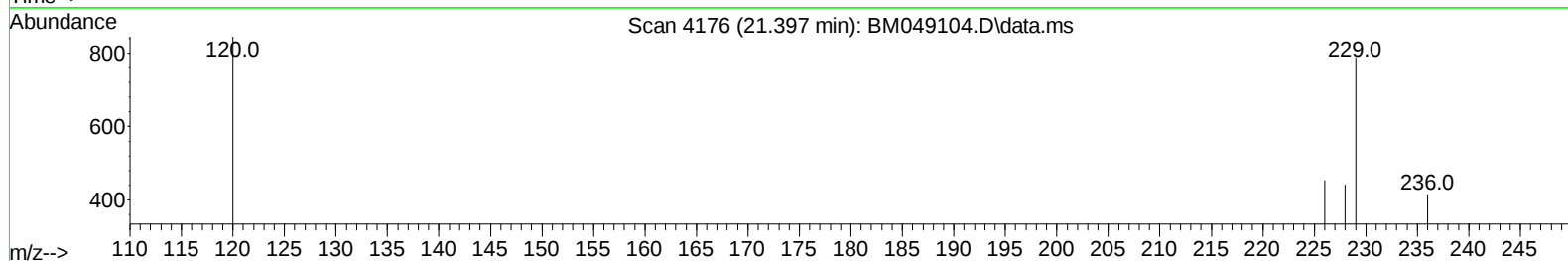
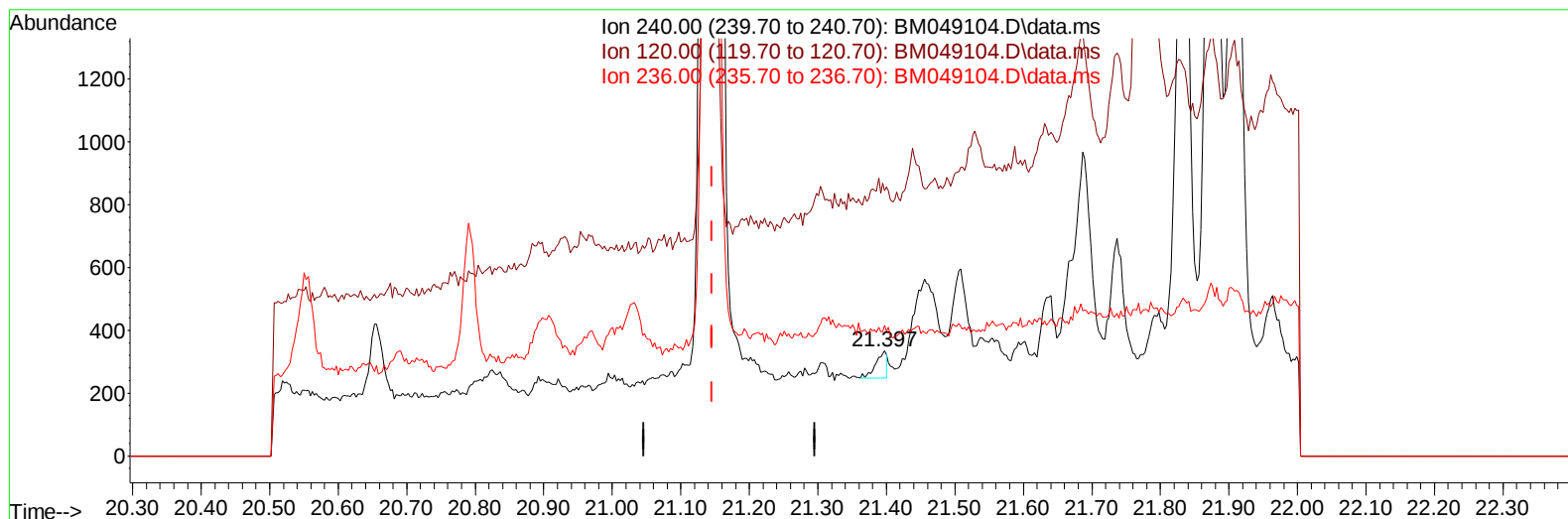
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(17) Chrysene-d12

21.397min (+ 0.251) 0.40 ng/u1

response 94

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	252.99#
236.00	29.80	124.55#
0.00	0.00	0.00

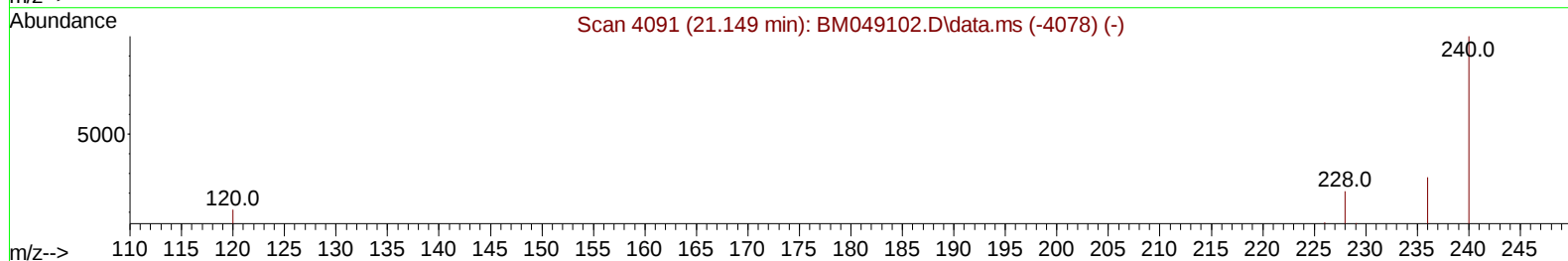
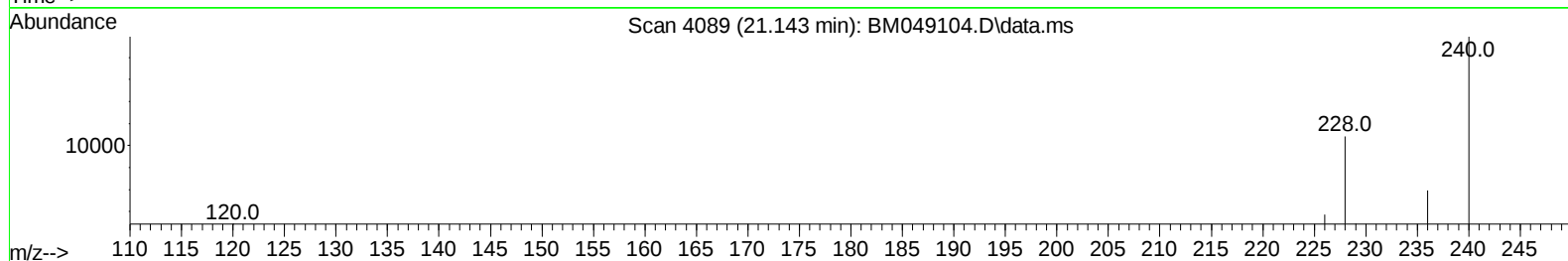
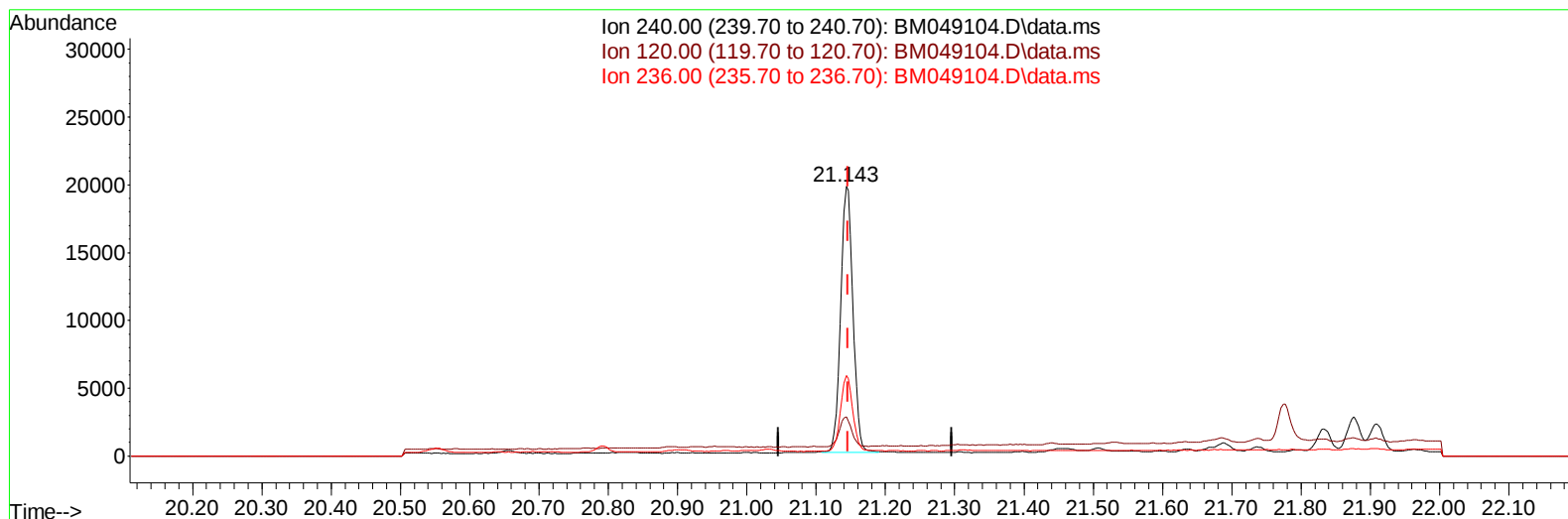
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration



TIC: BM049104.D\data.ms

(17) Chrysene-d12

21.143min (-0.003) 0.40 ng/ul m

response 23989

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	14.45
236.00	29.80	29.94
0.00	0.00	0.00

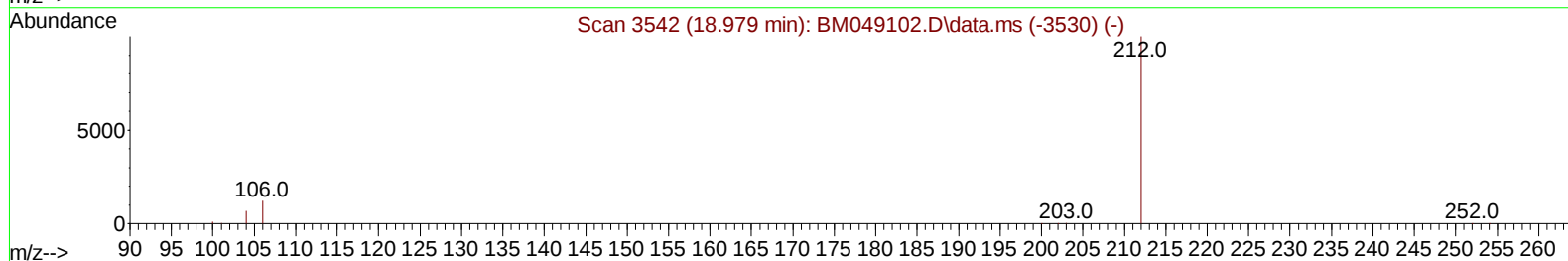
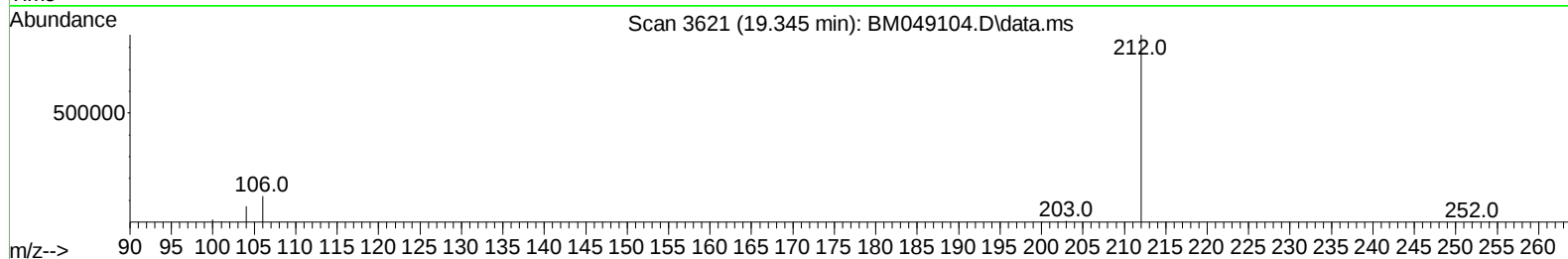
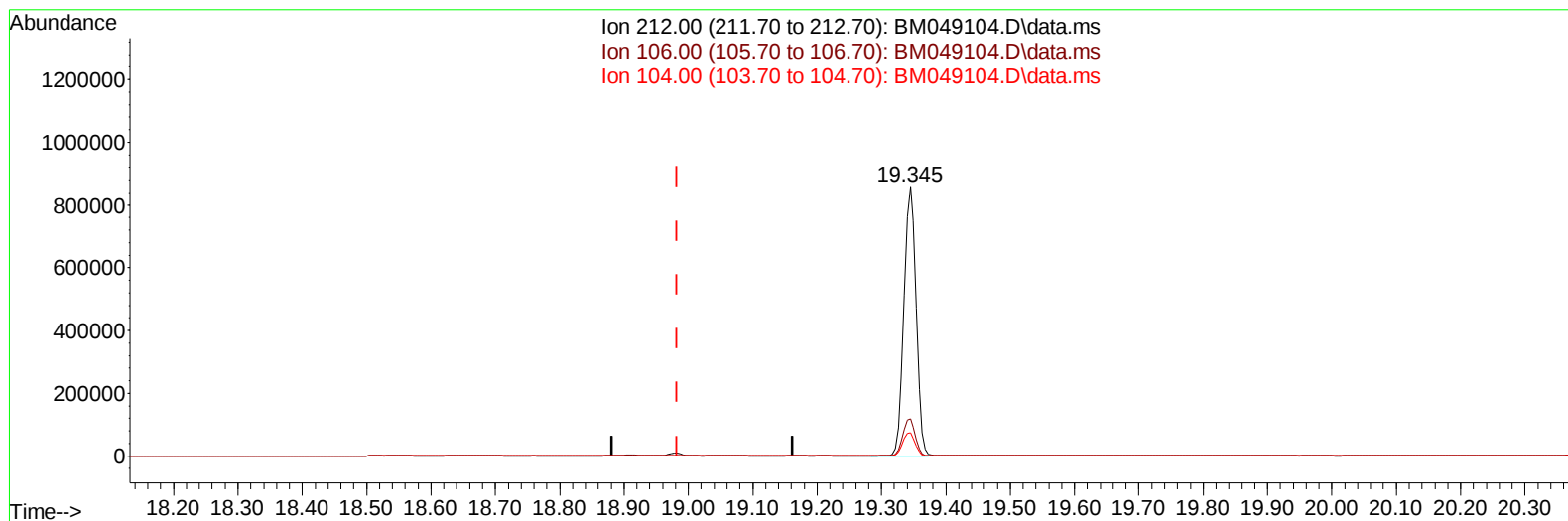
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM049104.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.345min (+ 0.363) 16.55 ng/u1

response 1126273

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	13.88
104.00	6.50	8.72#
0.00	0.00	0.00

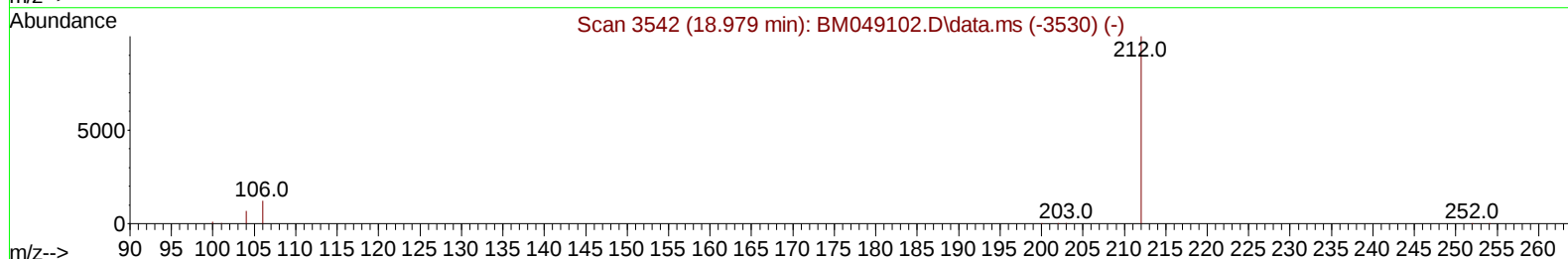
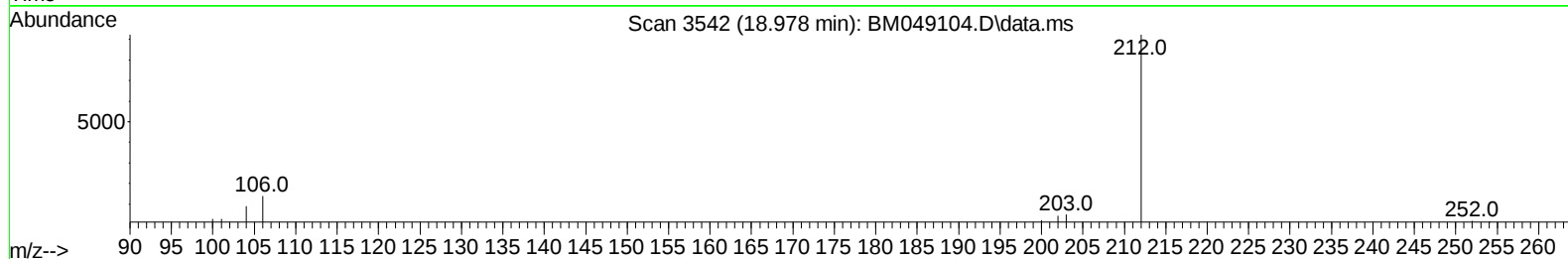
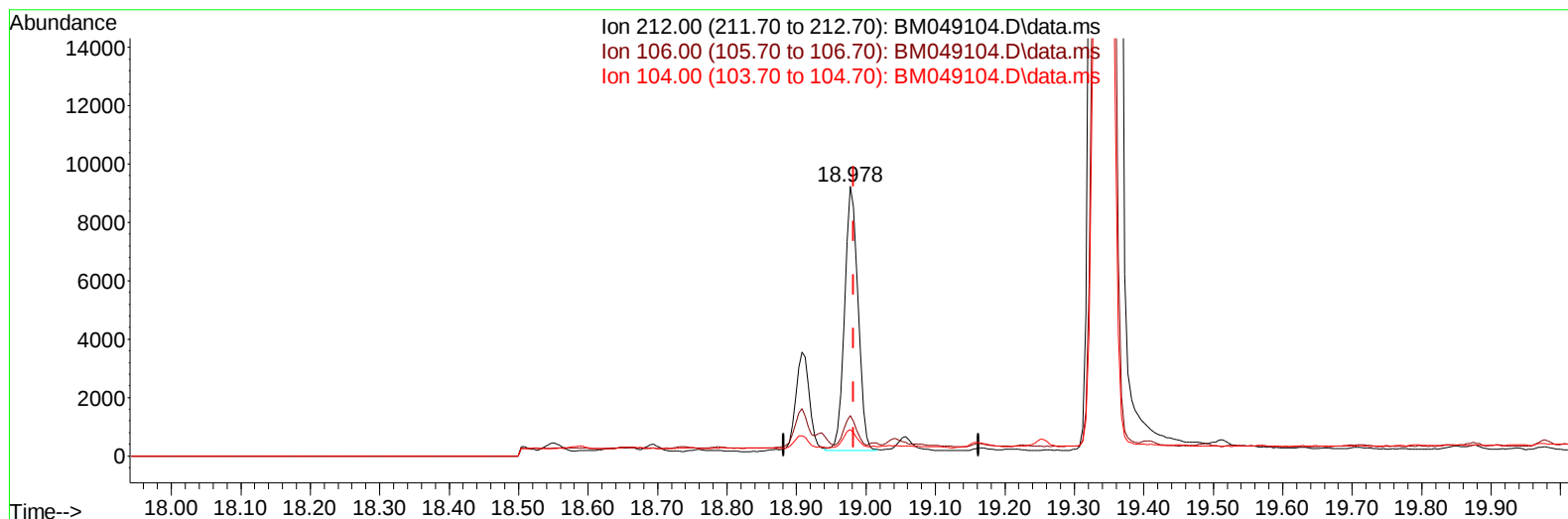
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
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TIC: BM049104.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.978min (-0.005) 0.18 ng/u1 m

response 12106

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	1291.16#
104.00	6.50	810.88#
0.00	0.00	0.00

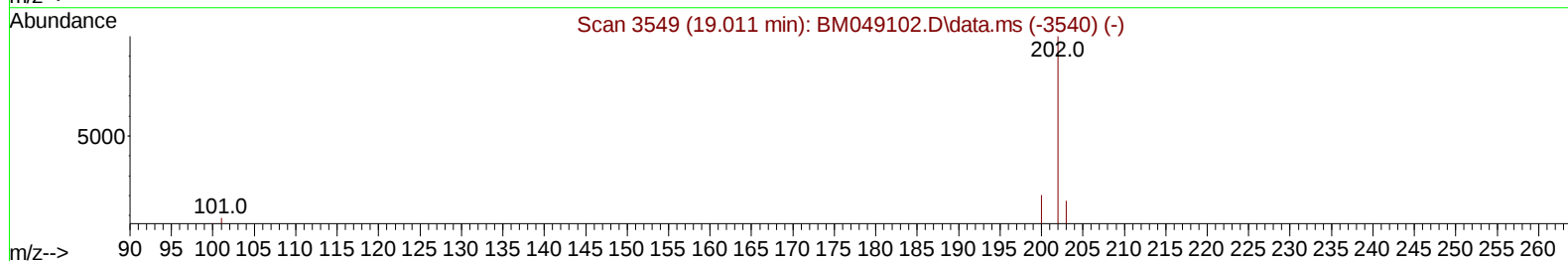
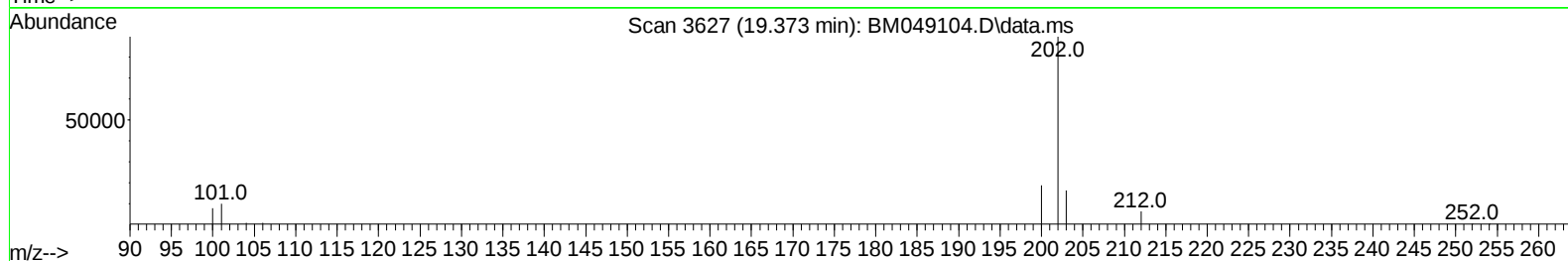
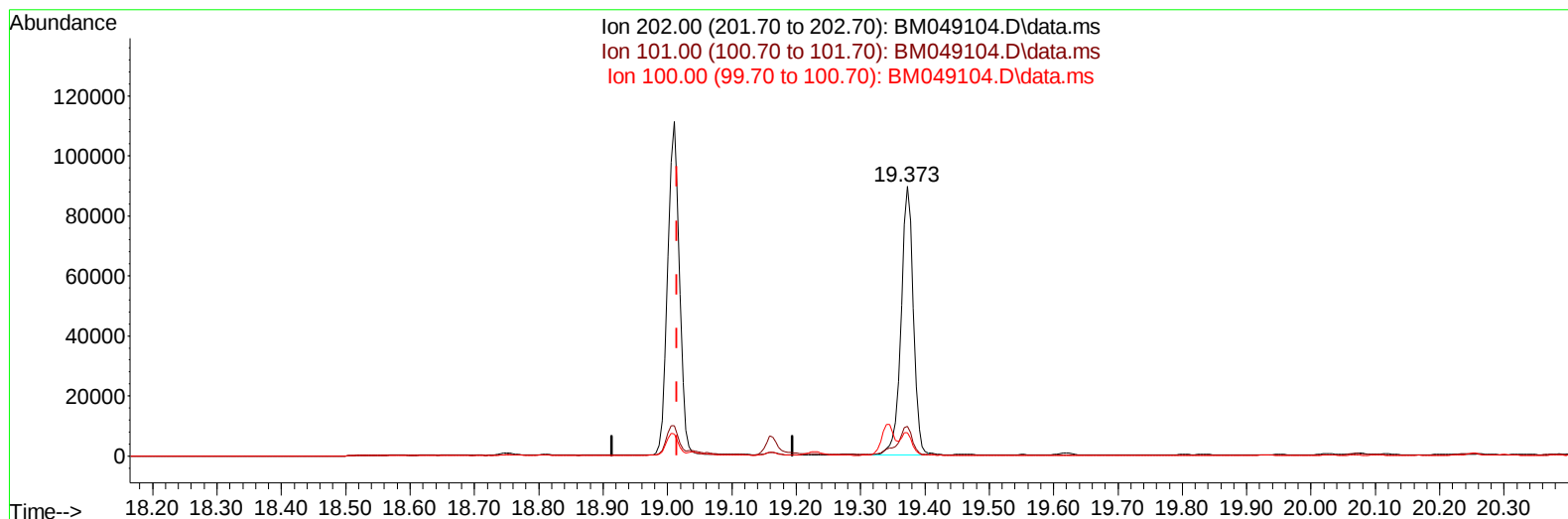
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
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TIC: BM049104.D\data.ms

(19) Fluoranthene (C)

19.373min (+ 0.358) 1.37 ng/u1

response 118856

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	10.89
100.00	6.90	8.56#
0.00	0.00	0.00

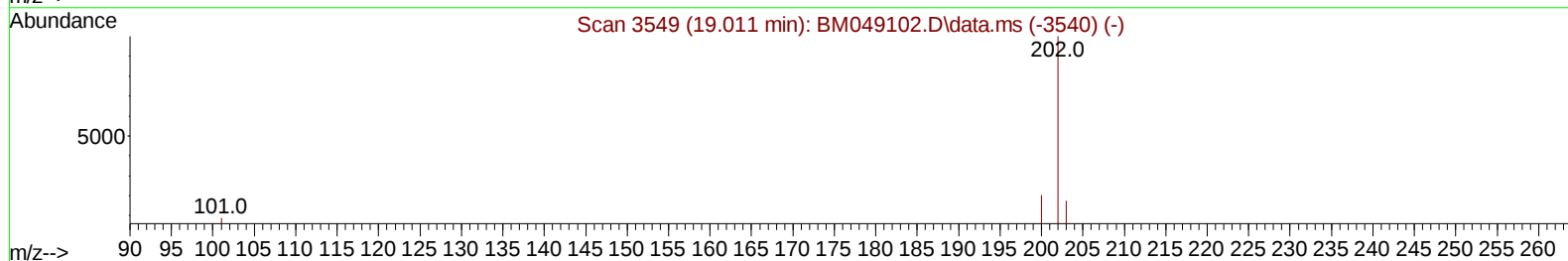
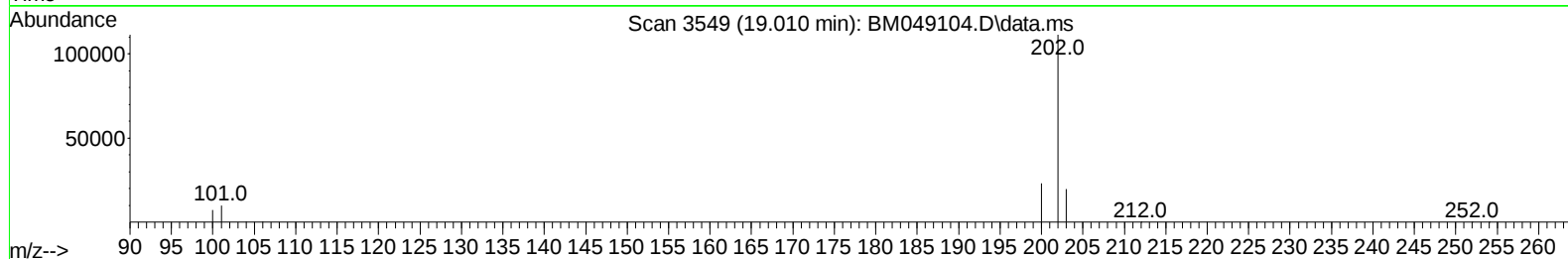
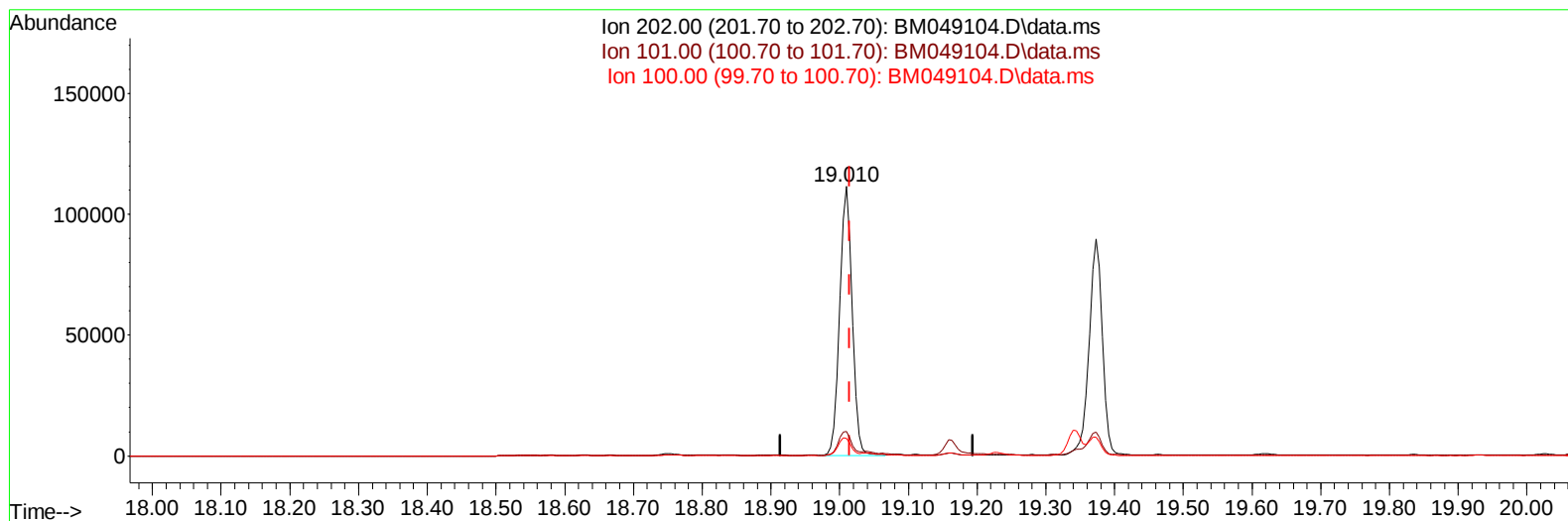
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(19) Fluoranthene (C)

19.010min (-0.005) 1.63 ng/ul m

response 140983

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	9.06
100.00	6.90	6.53
0.00	0.00	0.00

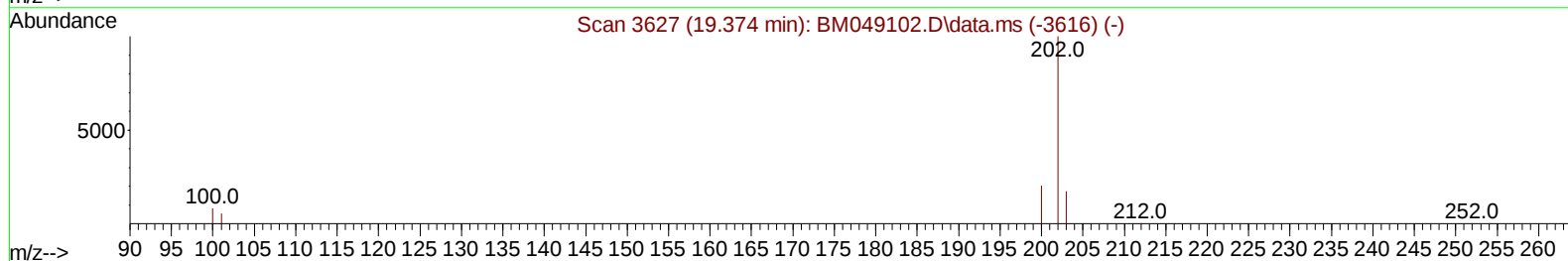
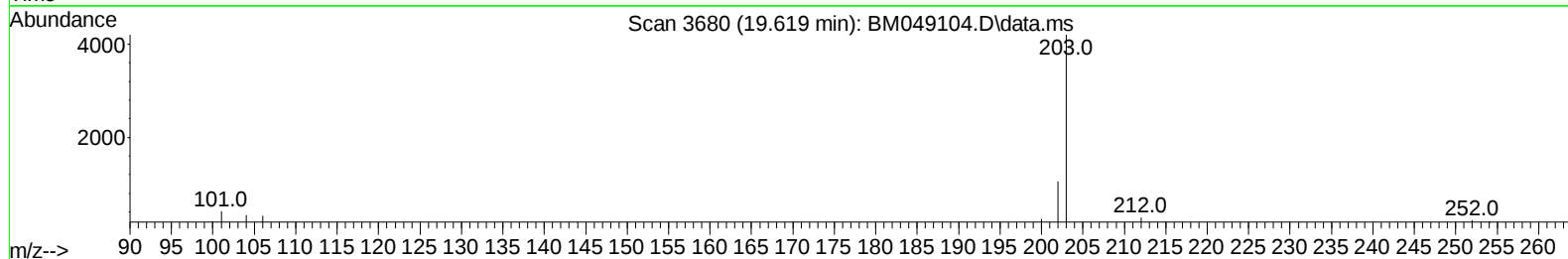
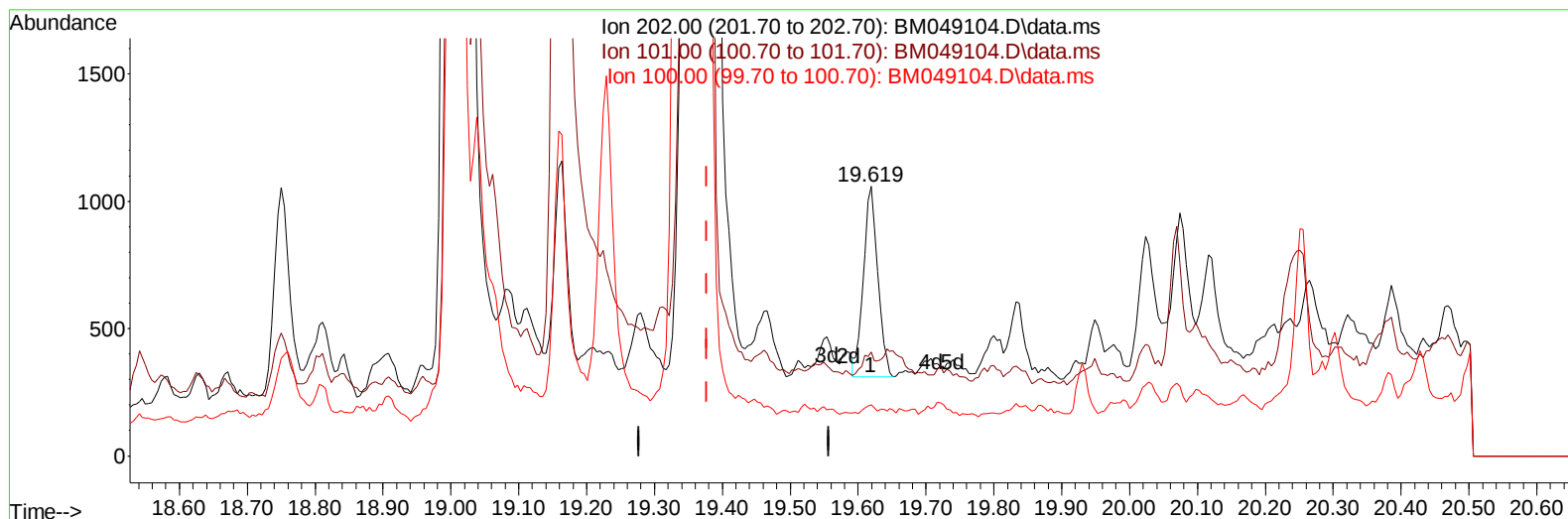
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(20) Pyrene

19.619min (+ 0.242) 0.01 ng/u1

response 1096

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	38.56#
100.00	8.60	18.90#
0.00	0.00	0.00

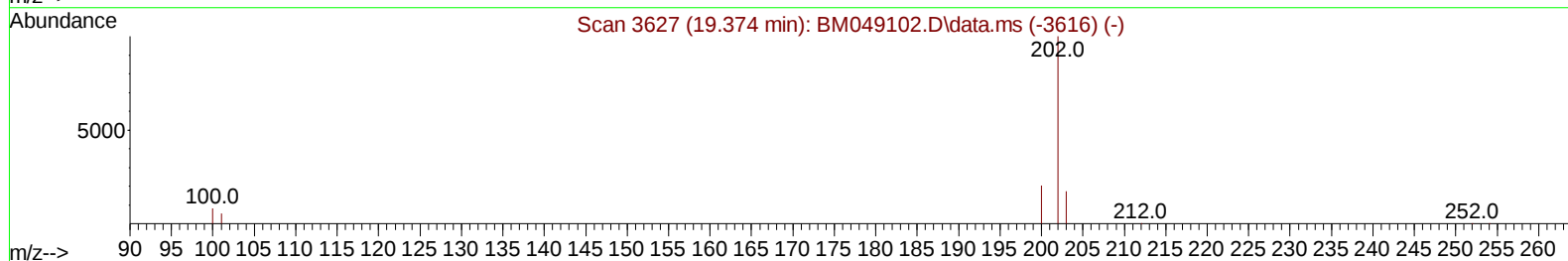
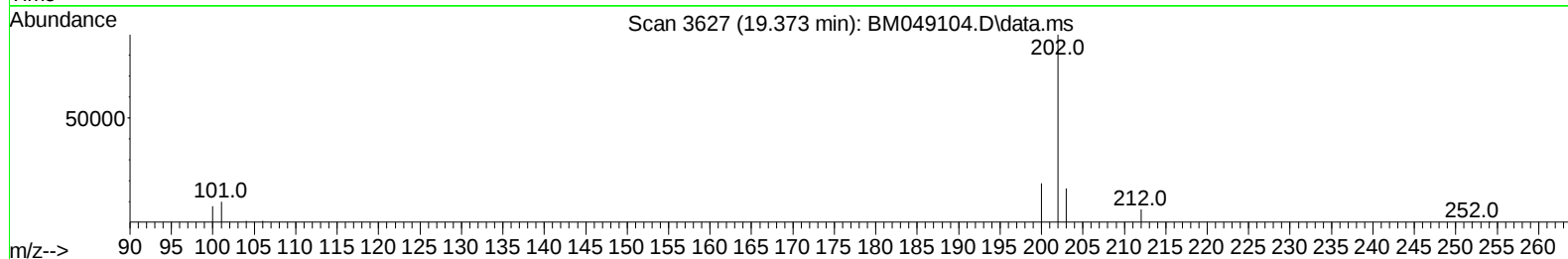
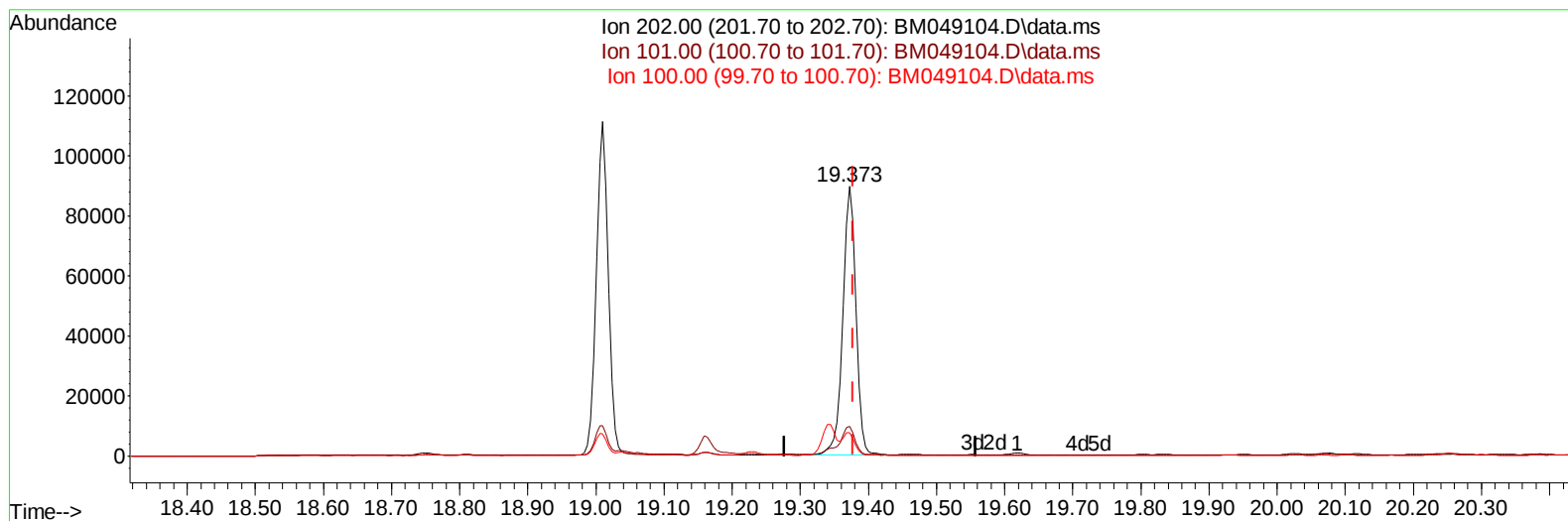
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(20) Pyrene

19.373min (-0.005) 1.29 ng/ul m

response 119323

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	10.89
100.00	8.60	8.56
0.00	0.00	0.00

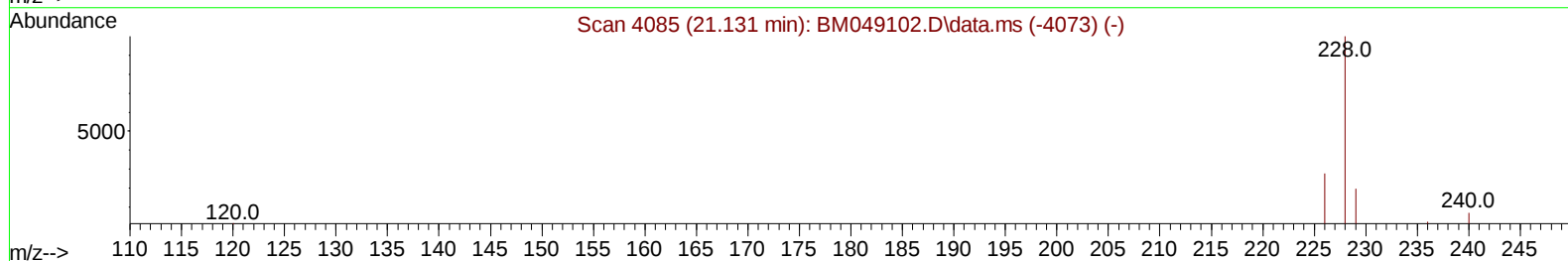
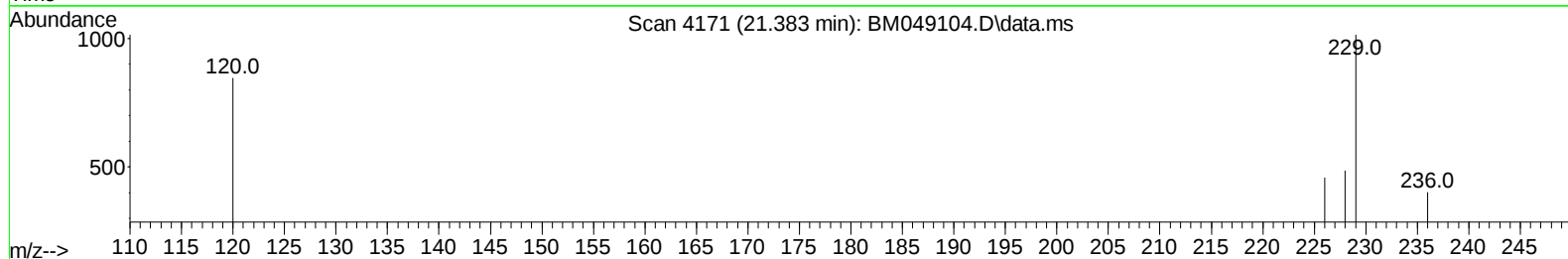
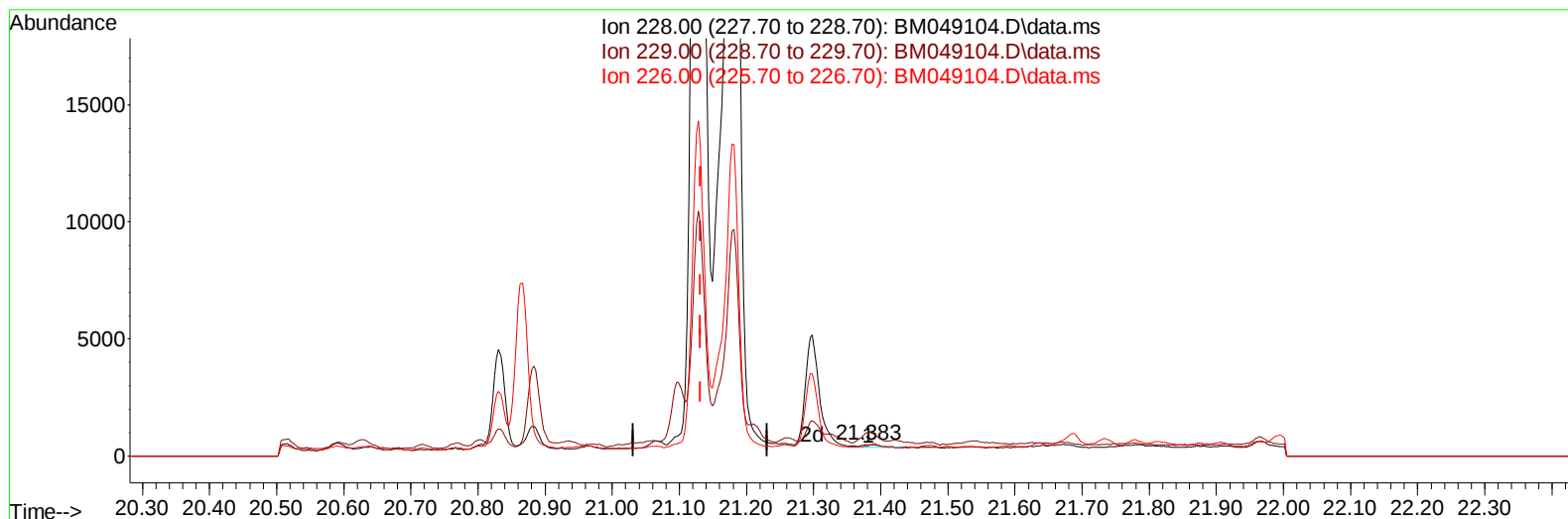
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(21) Benzo(a)anthracene

21.383min (+ 0.251) 0.00 ng/u1

response 253

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	208.64#
226.00	28.30	94.65#
0.00	0.00	0.00

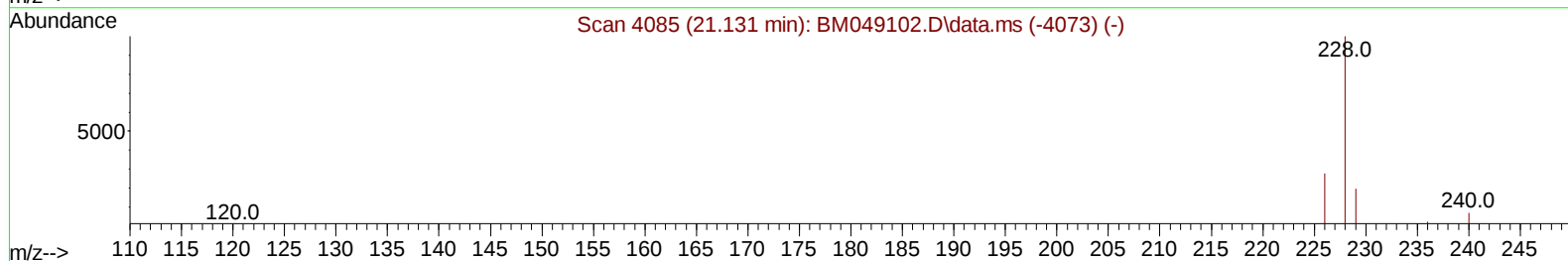
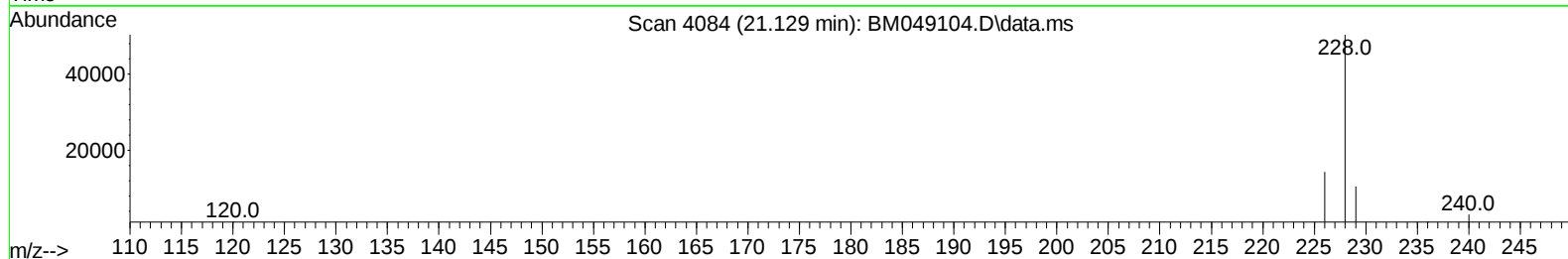
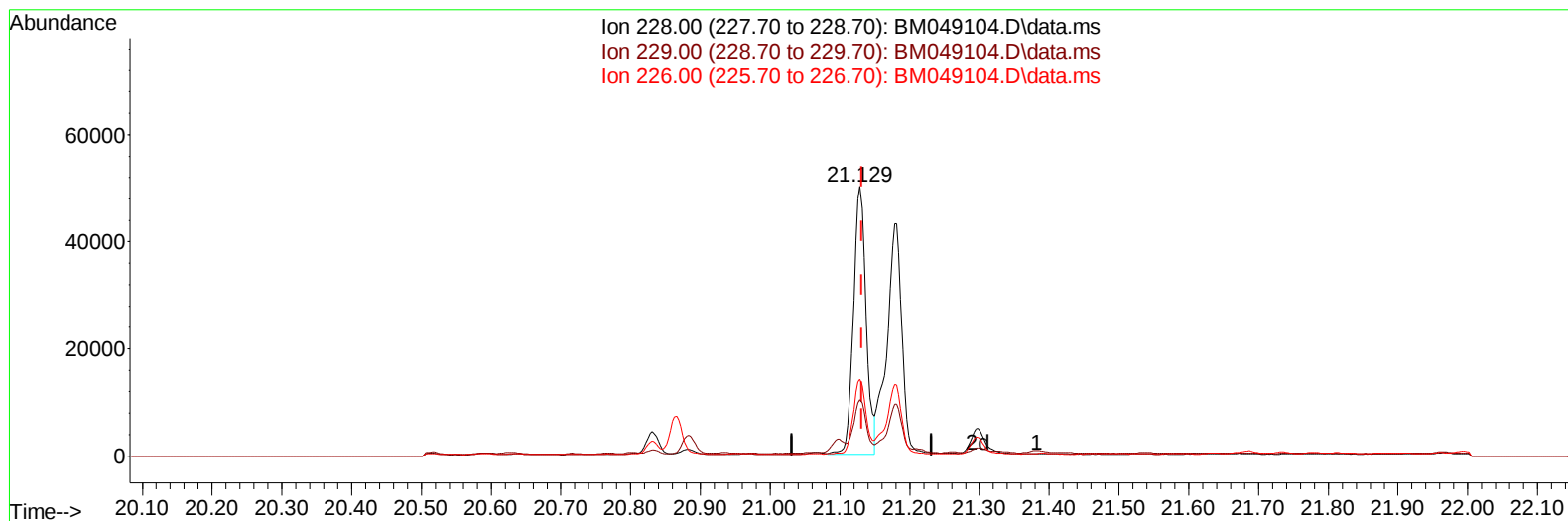
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(21) Benzo(a)anthracene

21.129min (-0.003) 0.75 ng/u1 m

response 62835

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.81
226.00	28.30	28.47
0.00	0.00	0.00

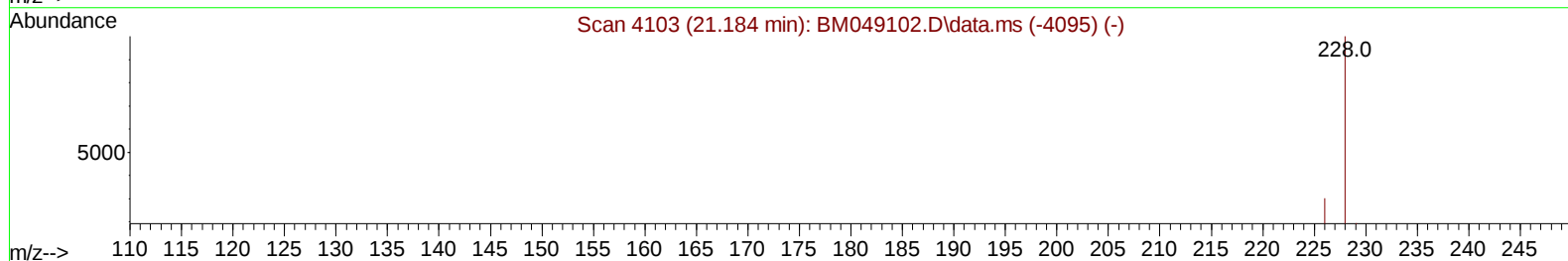
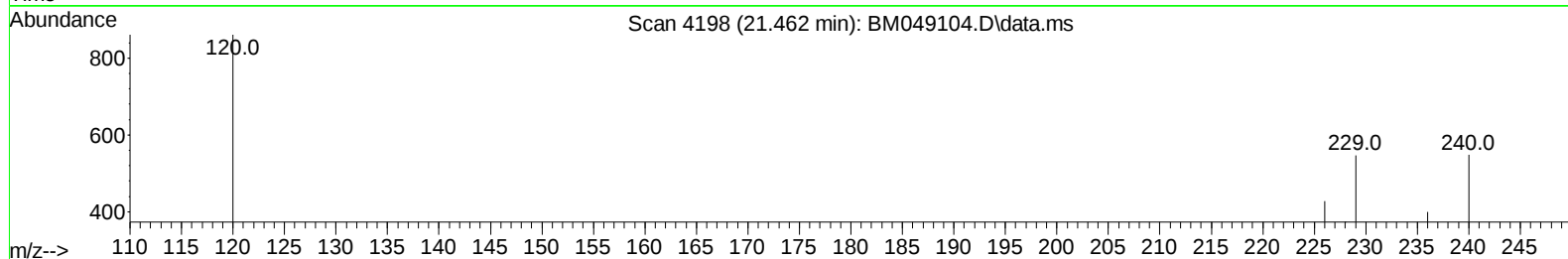
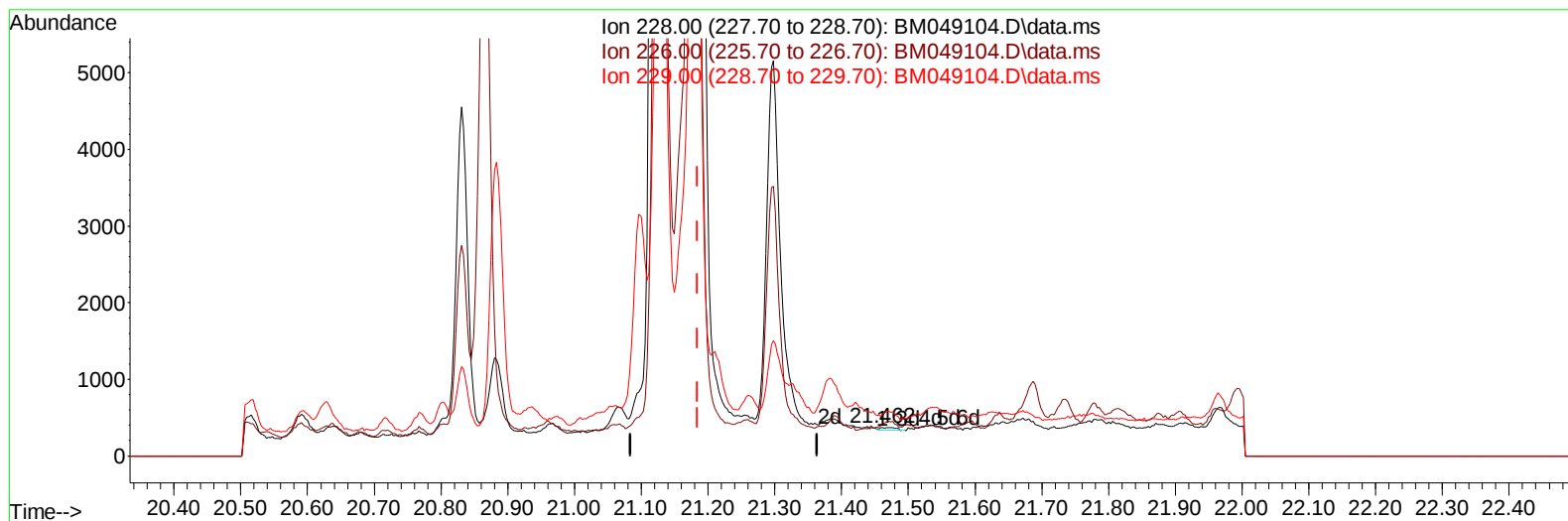
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049104.D
 Acq On : 20 Dec 2024 17:25
 Operator : RC/JU
 Sample : P5265-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(22) Chrysene

21.462min (+ 0.278) 0.00 ng/u1

response 61

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	114.48#
229.00	19.80	146.65#
0.00	0.00	0.00

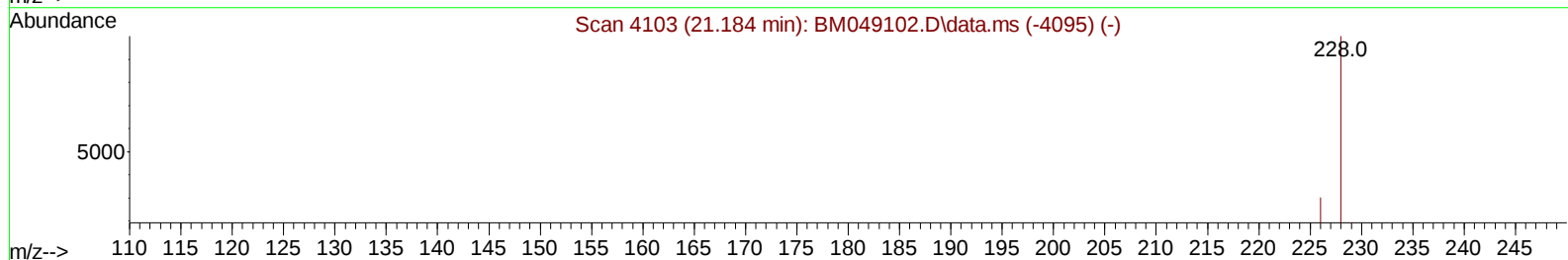
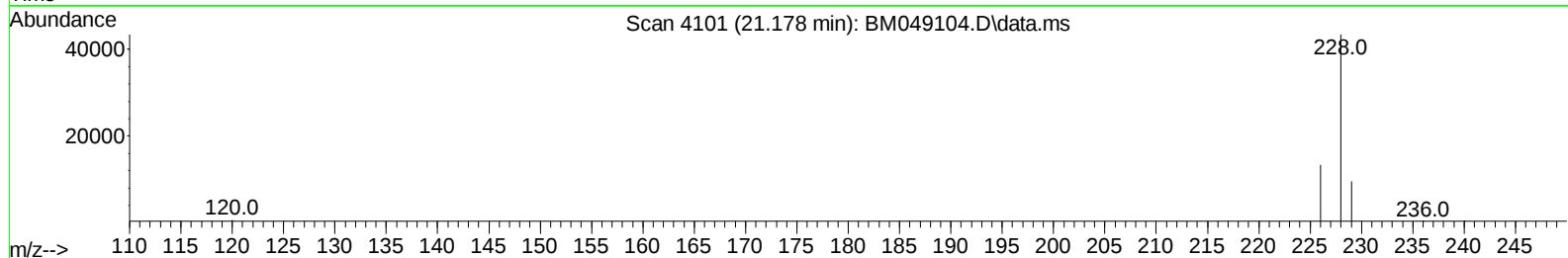
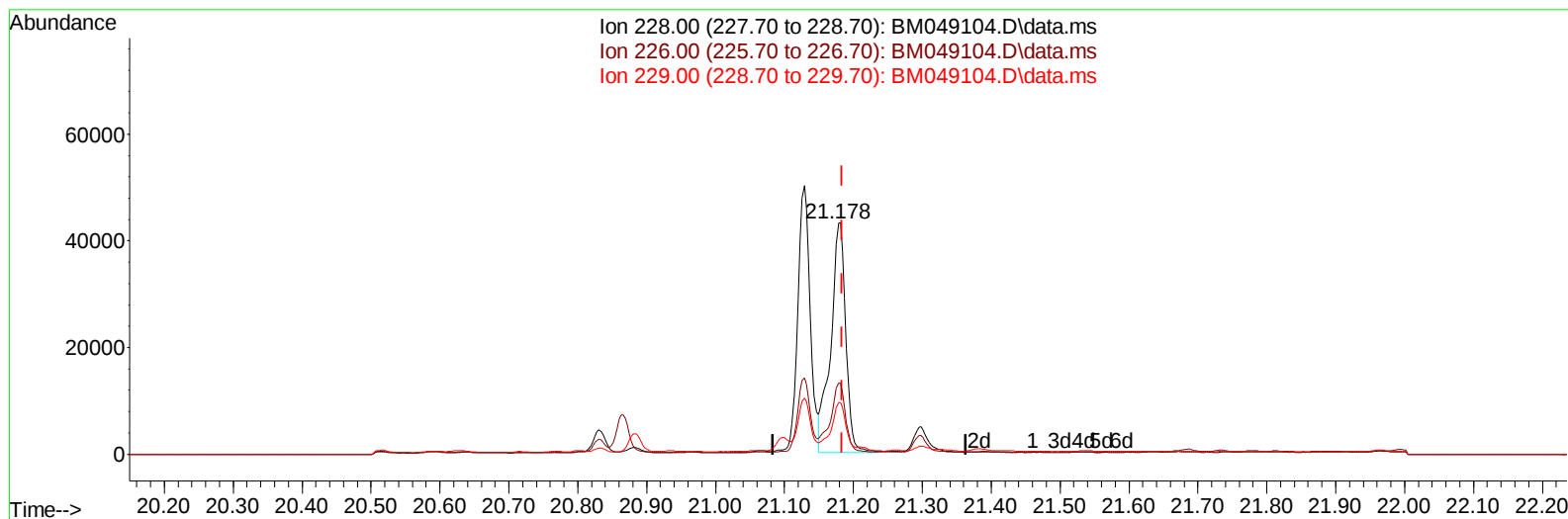
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(22) Chrysene

21.178min (-0.006) 0.73 ng/u1 m

response 65248

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	30.78
229.00	19.80	22.20
0.00	0.00	0.00

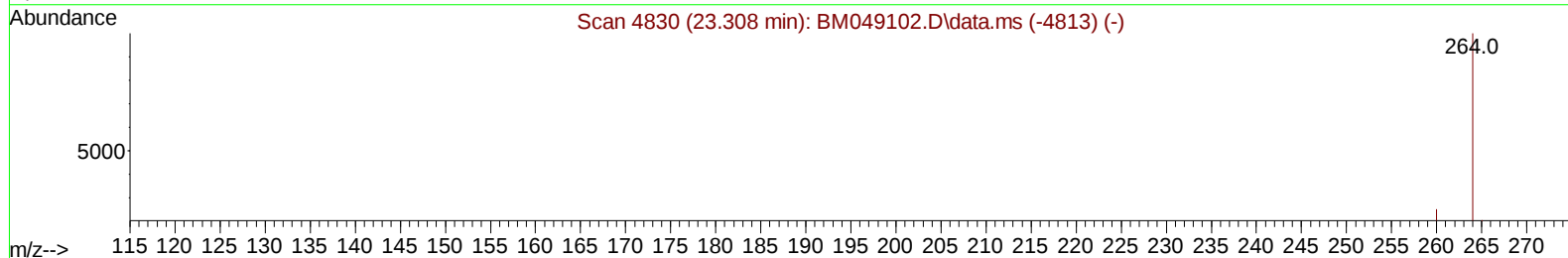
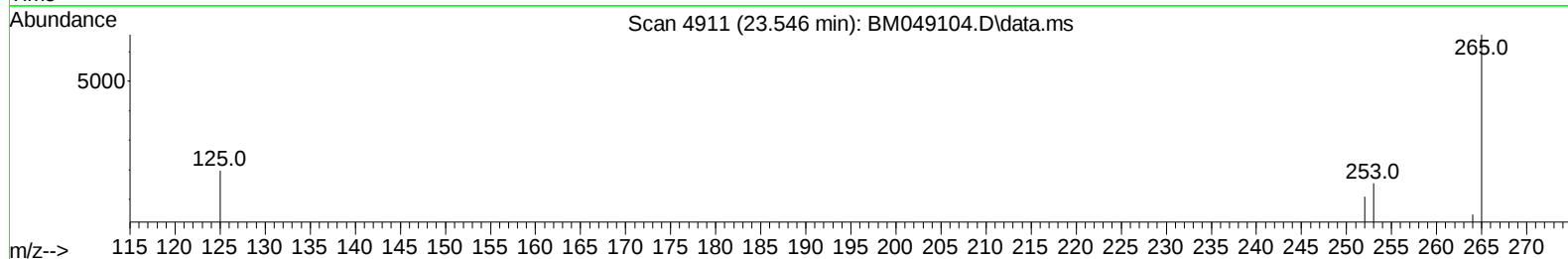
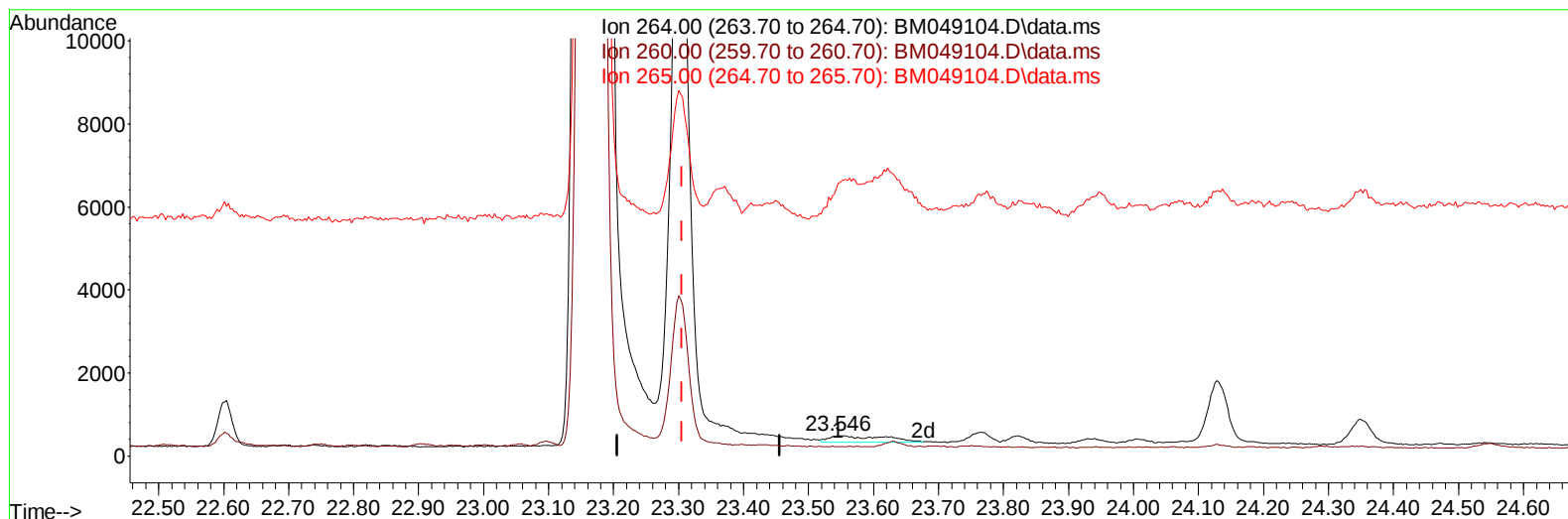
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(23) Perylene-d12 (I)

23.546min (+ 0.240) 0.40 ng/u1

response 978

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	46.72#
265.00	78.30	1346.11#
0.00	0.00	0.00

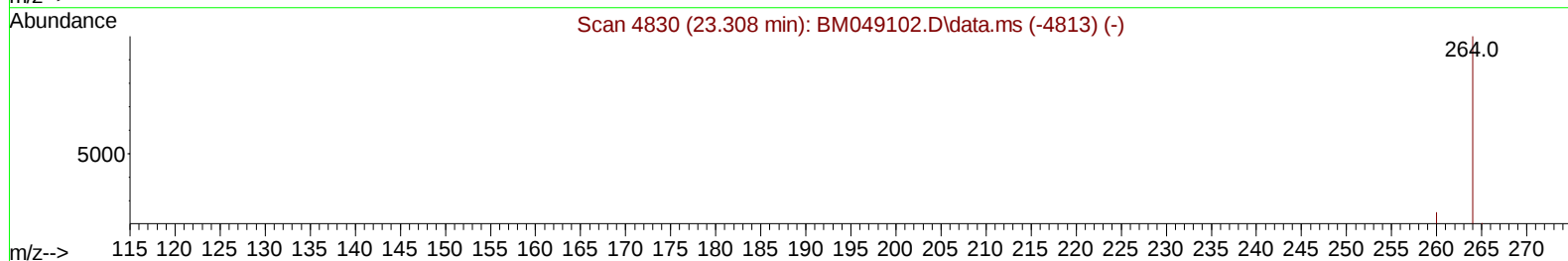
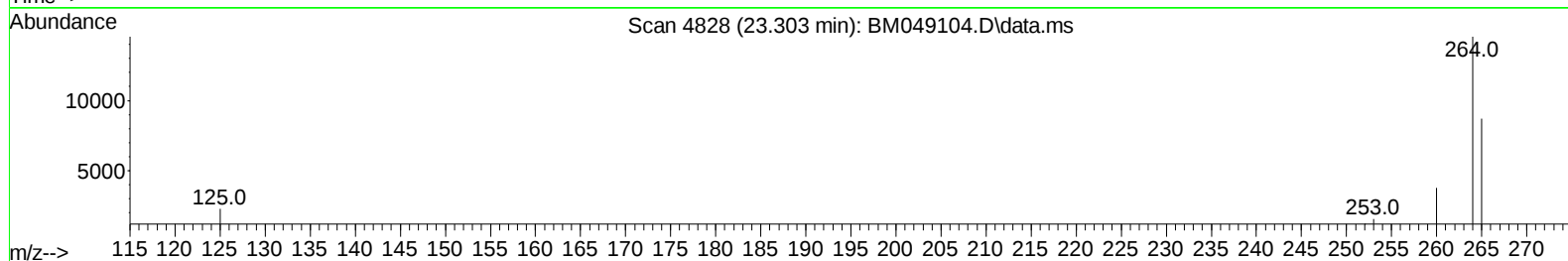
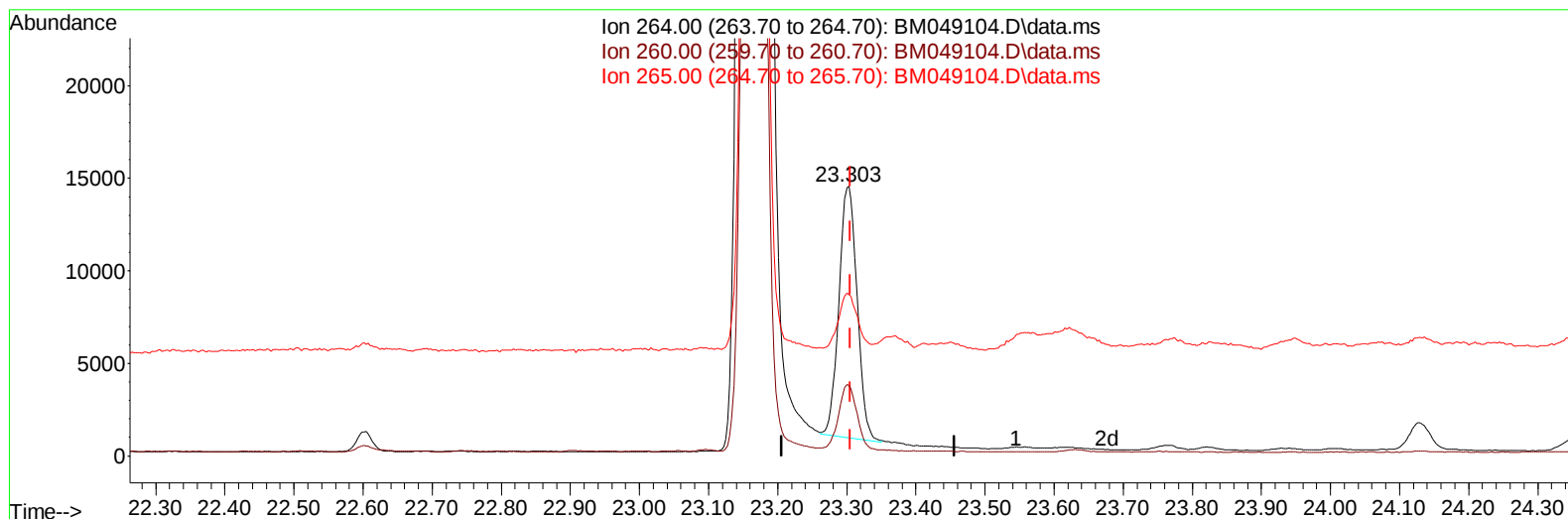
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(23) Perylene-d12 (I)

23.303min (-0.003) 0.40 ng/ul m

response 24775

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.96
265.00	78.30	59.87#
0.00	0.00	0.00

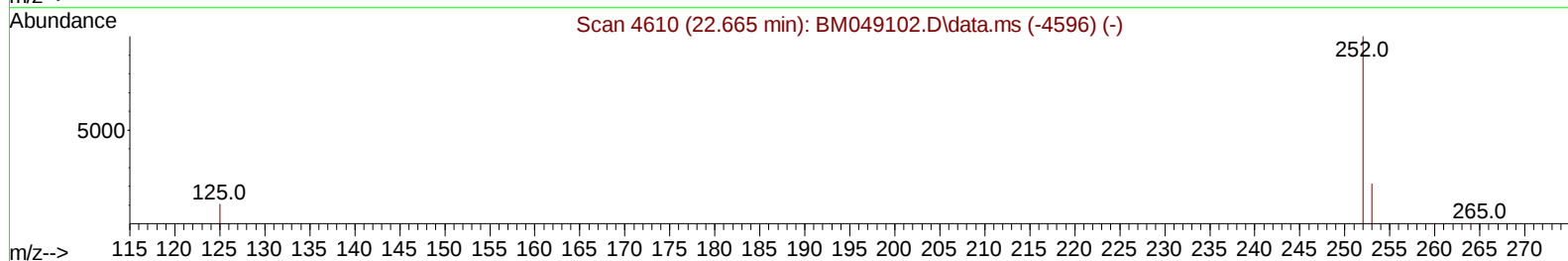
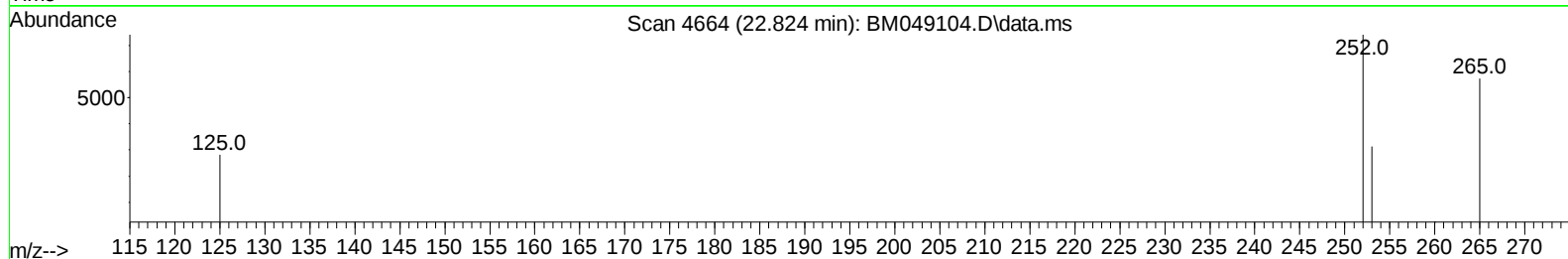
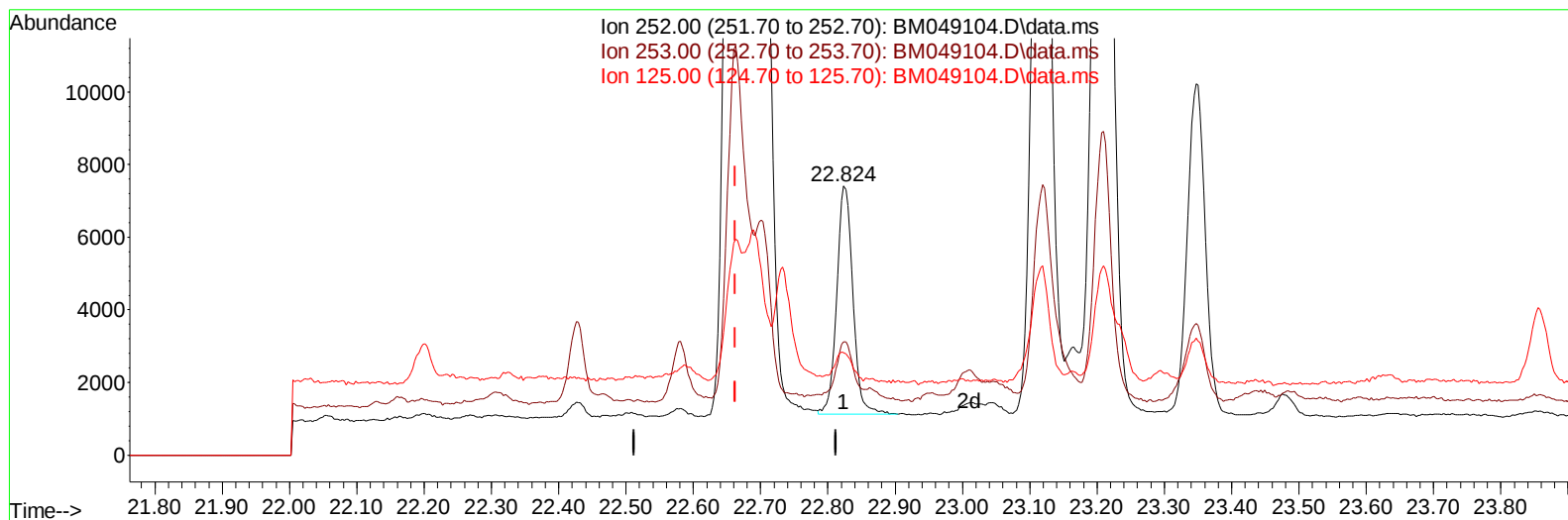
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration



TIC: BM049104.D\data.ms

(24) Benzo(b)fluoranthene

22.824min (+ 0.161) 0.13 ng/u1

response 10395

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	42.12
125.00	15.40	38.03#
0.00	0.00	0.00

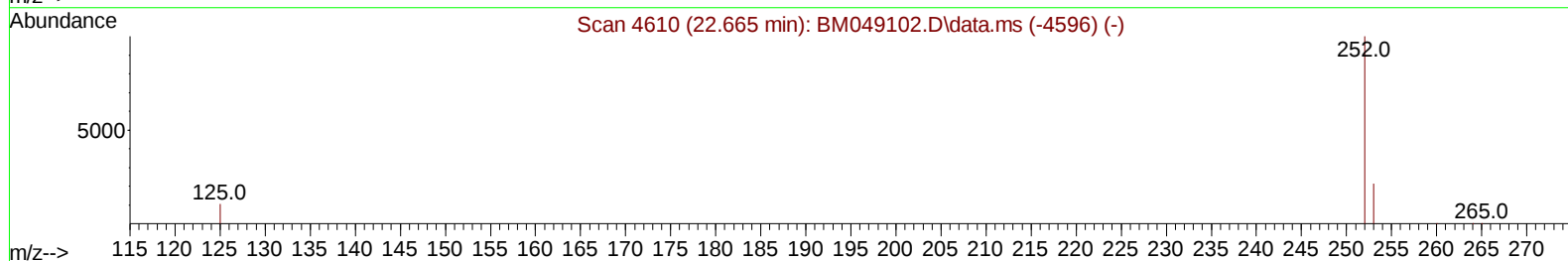
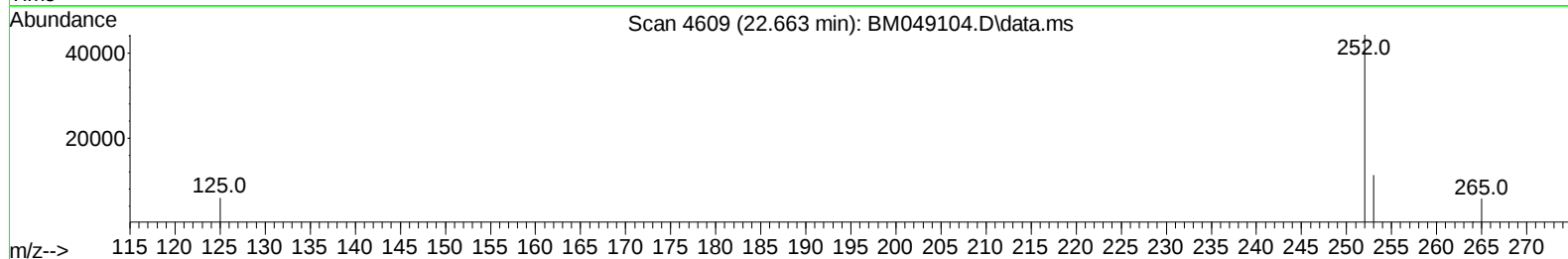
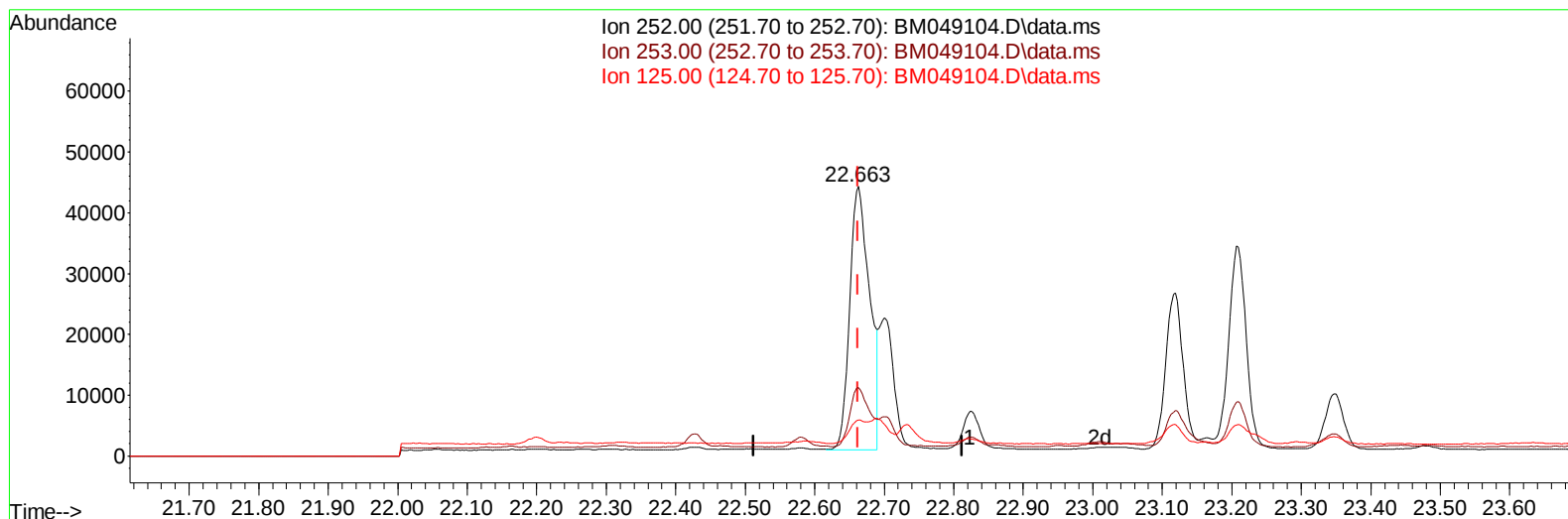
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049104.D
 Acq On : 20 Dec 2024 17:25
 Operator : RC/JU
 Sample : P5265-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(24) Benzo(b)fluoranthene

22.663min (+ 0.000) 1.09 ng/u1 m

response 85930

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	25.46
125.00	15.40	13.41
0.00	0.00	0.00

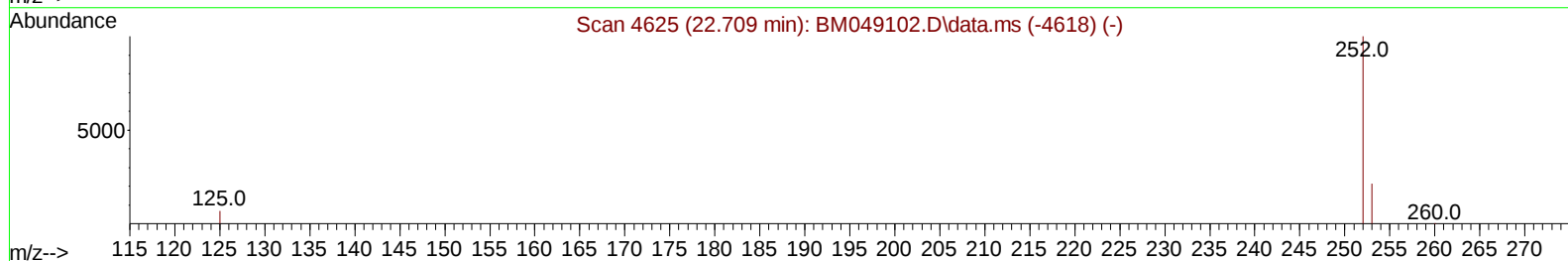
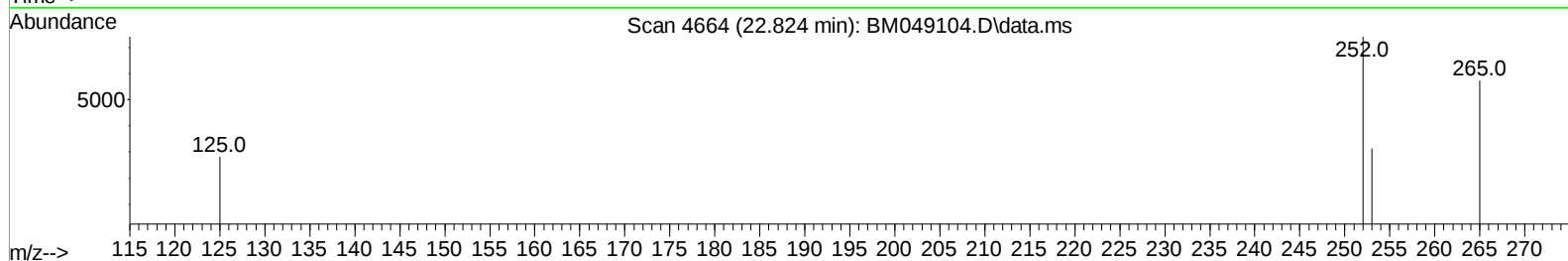
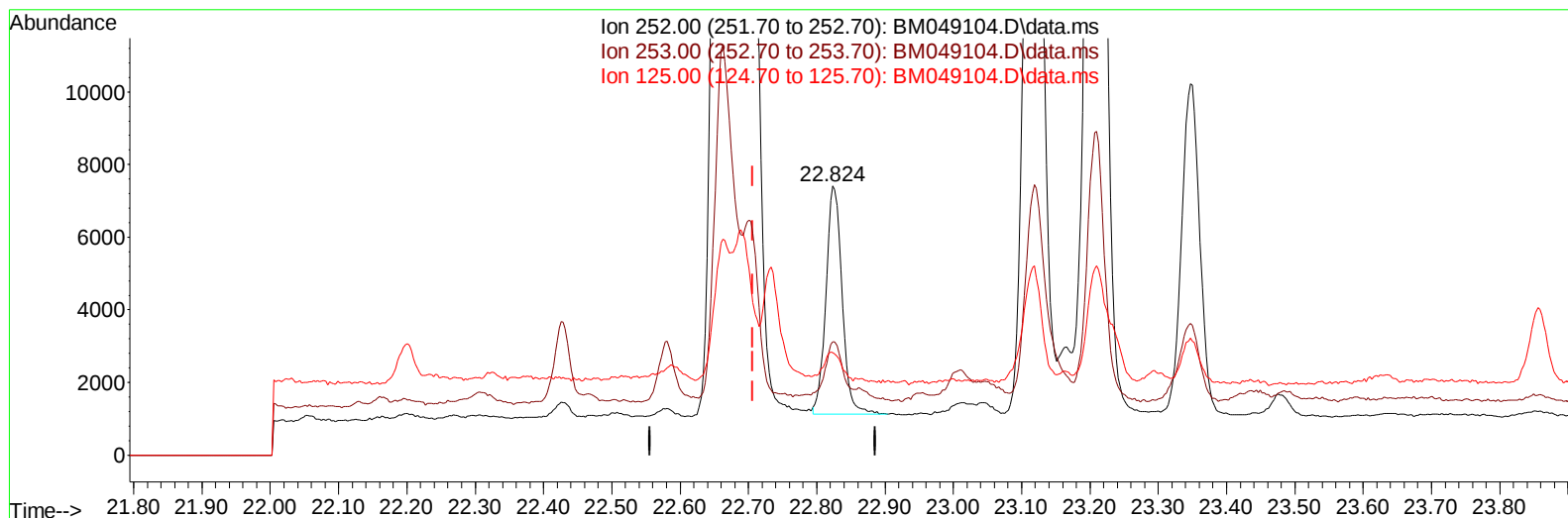
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(25) Benzo(k)fluoranthene

22.824min (+ 0.117) 0.12 ng/u1

response 10321

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	42.12#
125.00	15.70	38.03#
0.00	0.00	0.00

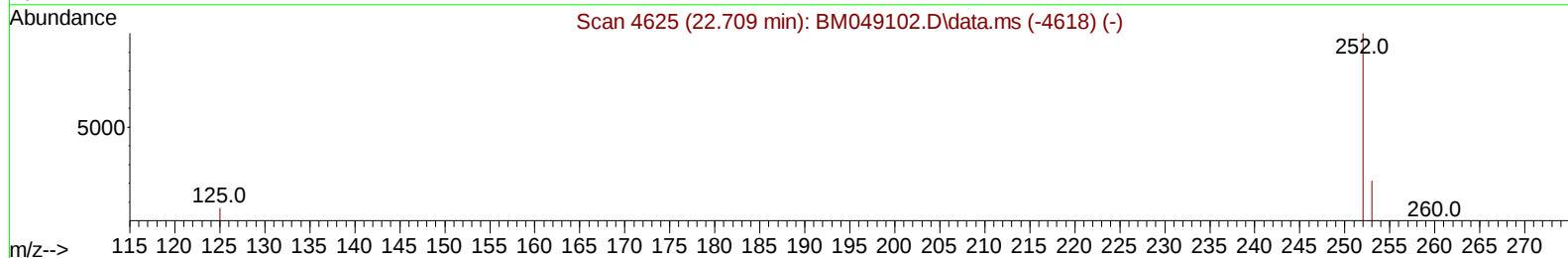
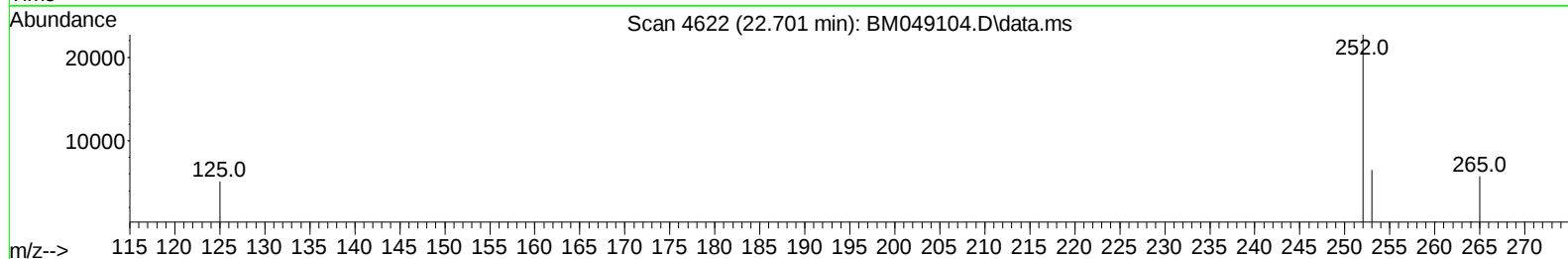
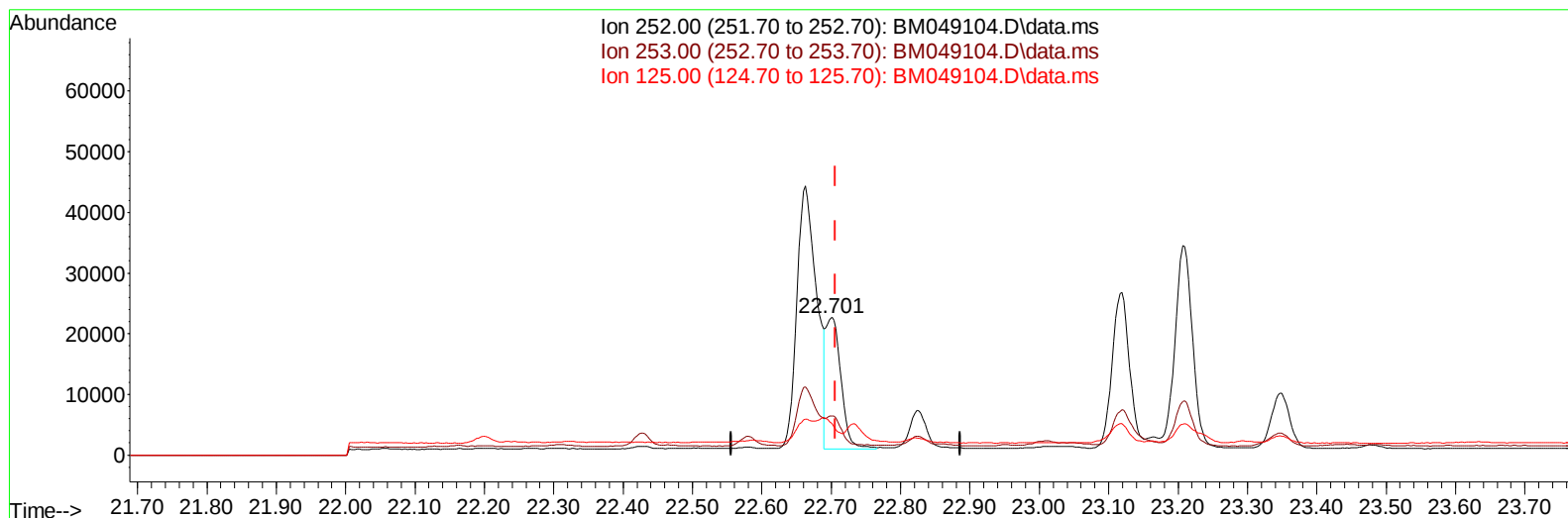
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration



TIC: BM049104.D\data.ms

(25) Benzo(k)fluoranthene

22.701min (-0.006) 0.38 ng/u1 m

response 33347

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	28.46
125.00	15.70	22.61#
0.00	0.00	0.00

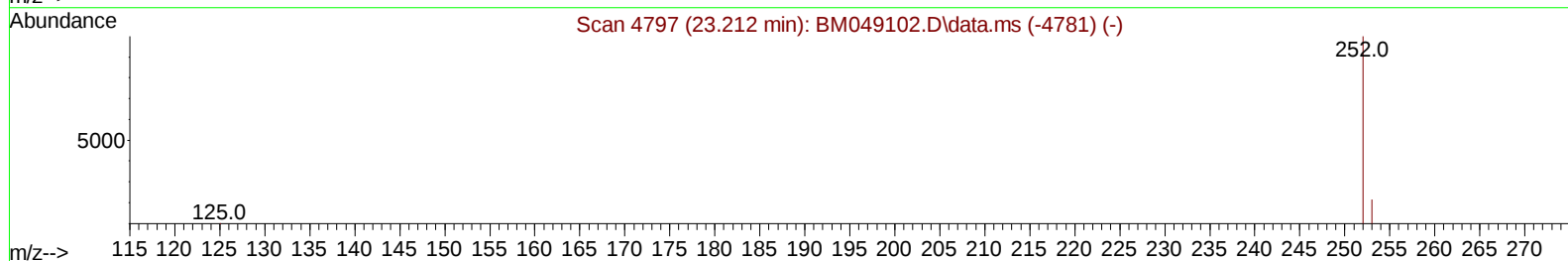
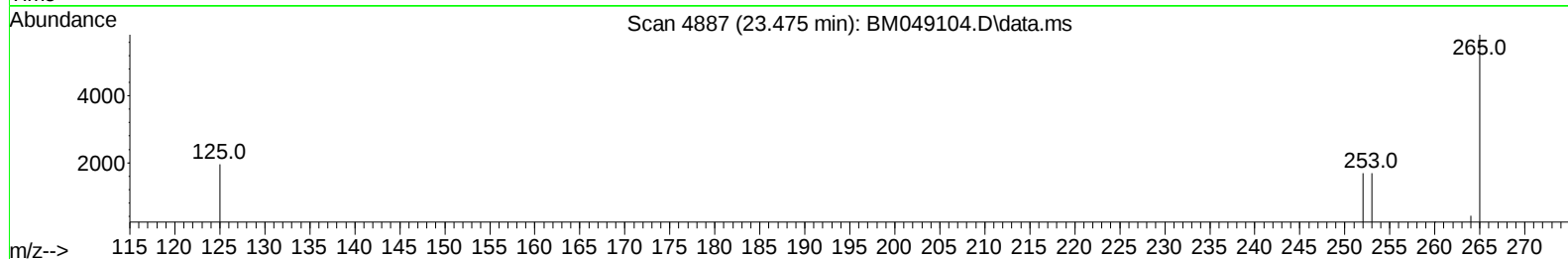
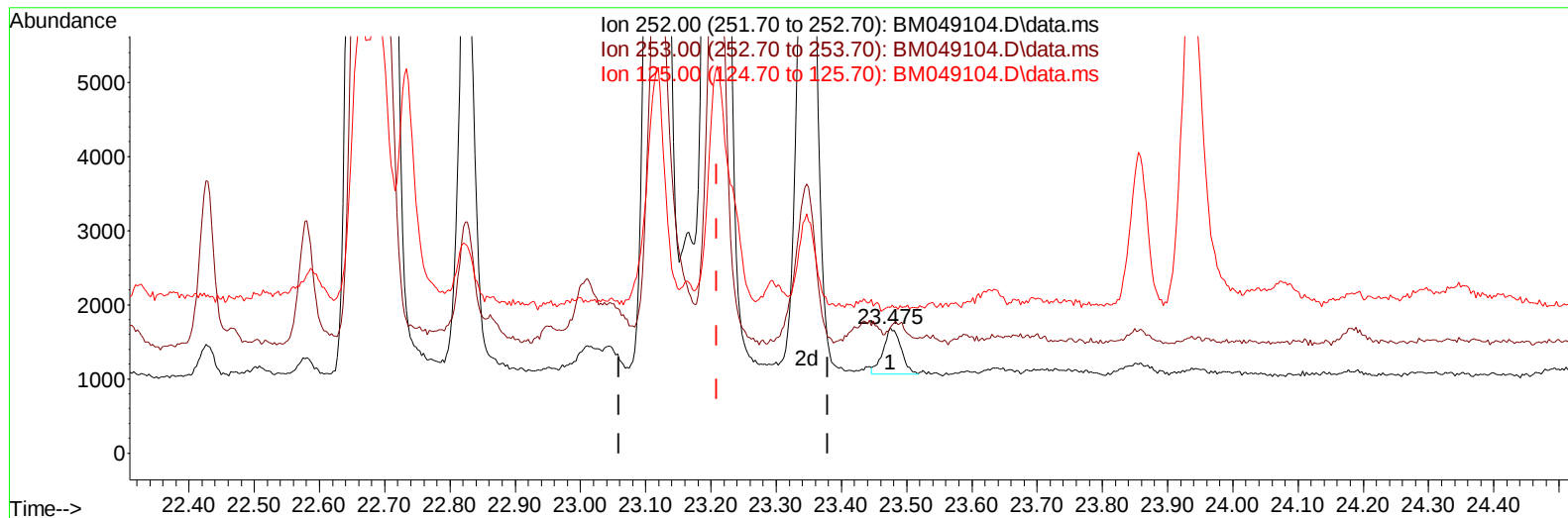
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(26) Benzo(a)pyrene (C)

23.475min (+ 0.266) 0.02 ng/u1

response 1170

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	100.77#
125.00	18.50	116.19#
0.00	0.00	0.00

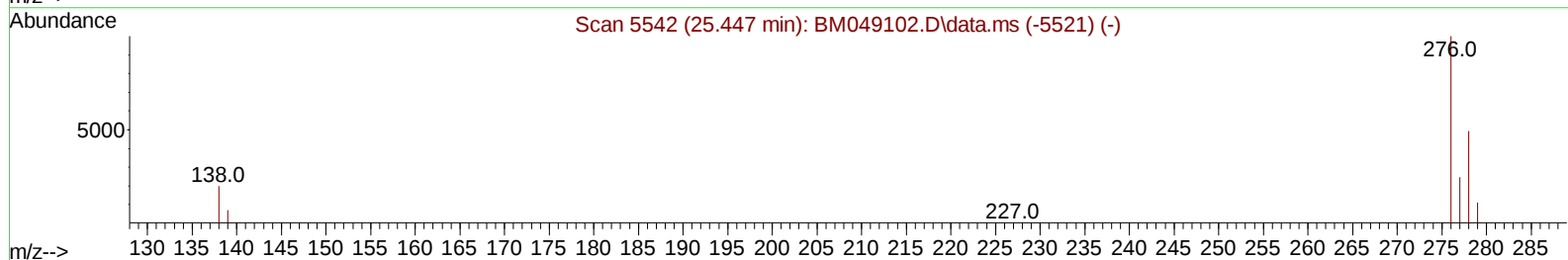
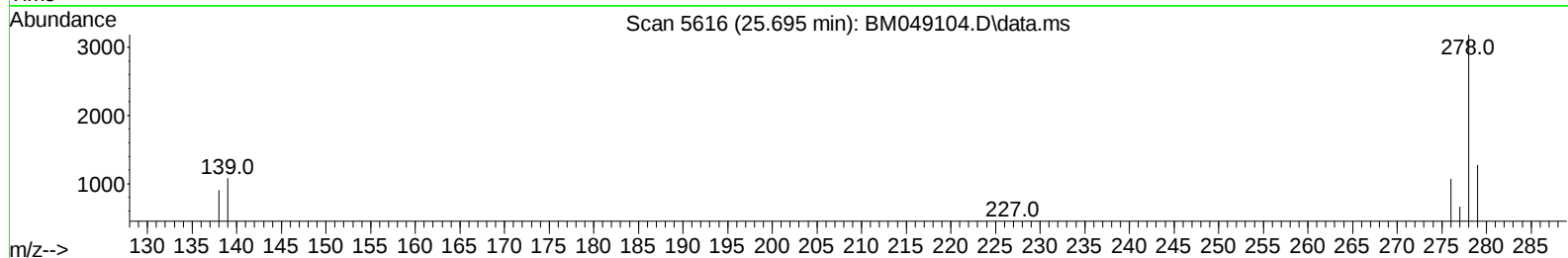
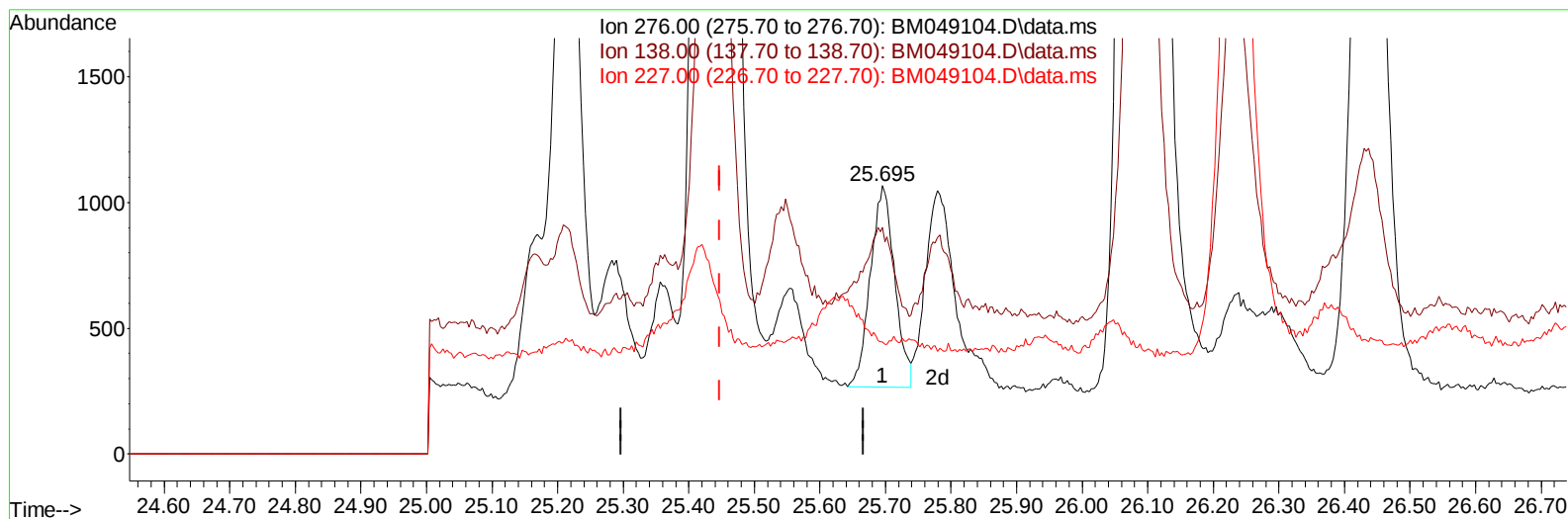
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

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

25.695min (+ 0.248) 0.02 ng/u1

response 2056

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	53.50#
227.00	0.20	0.00#
0.00	0.00	0.00

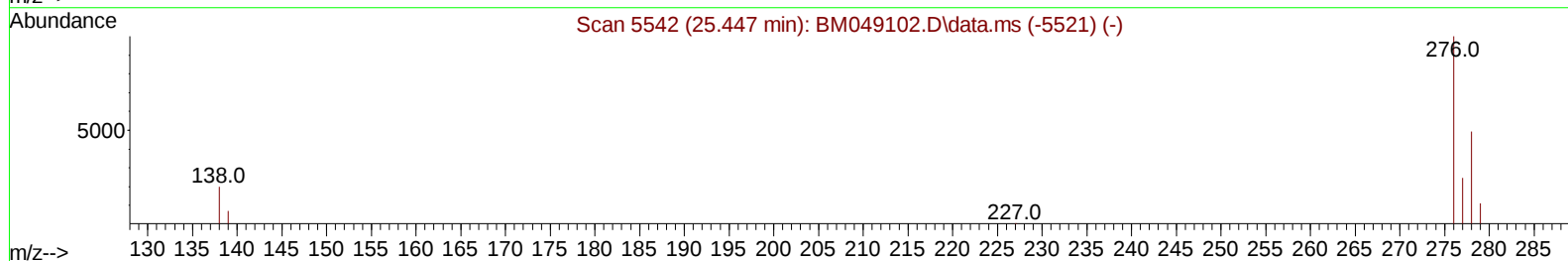
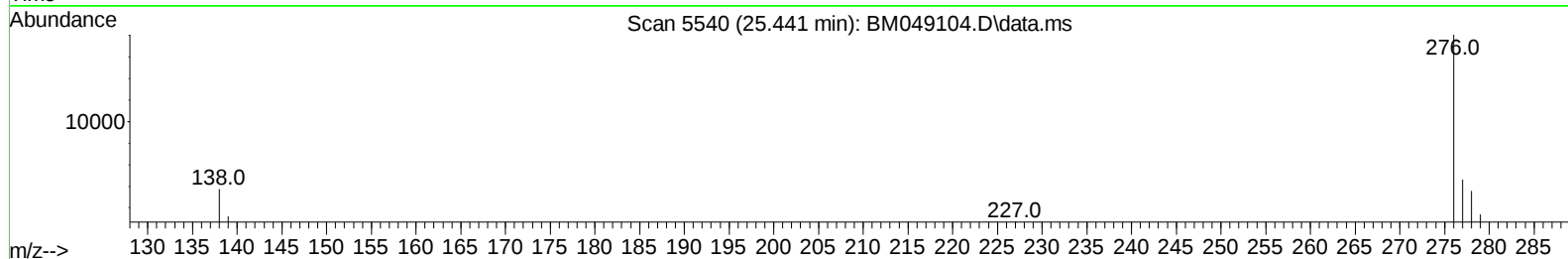
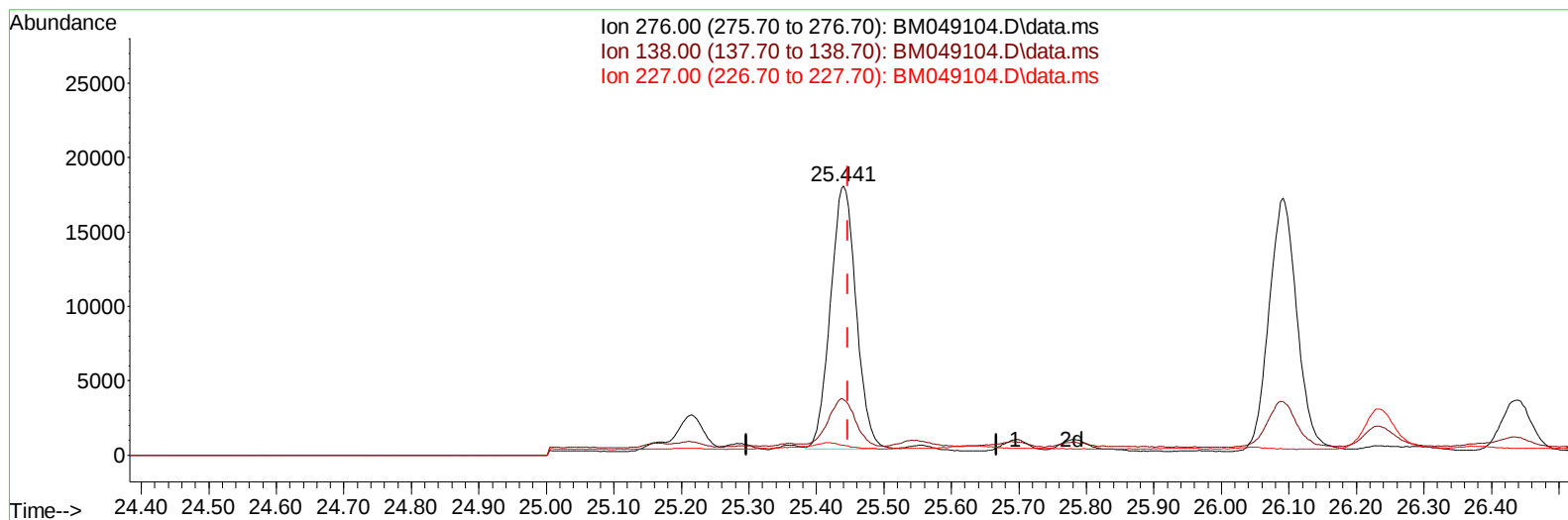
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

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

25.441min (-0.007) 0.44 ng/ul m

response 46803

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	2.35#
227.00	0.20	0.00#
0.00	0.00	0.00

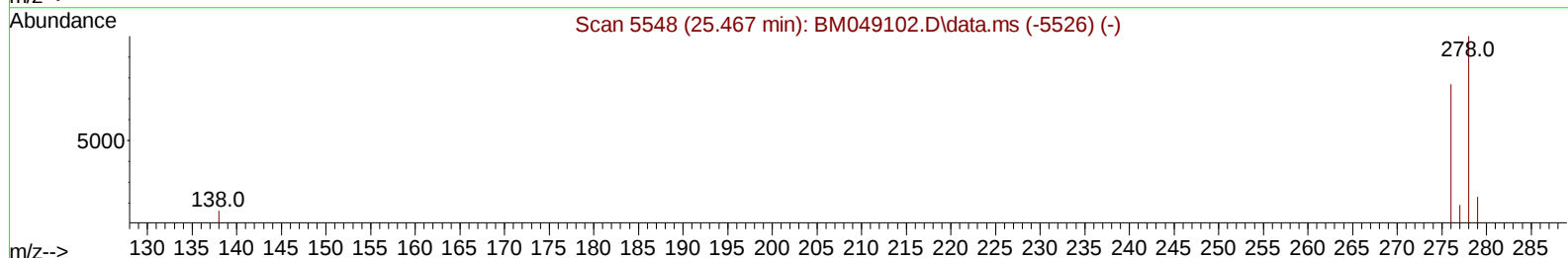
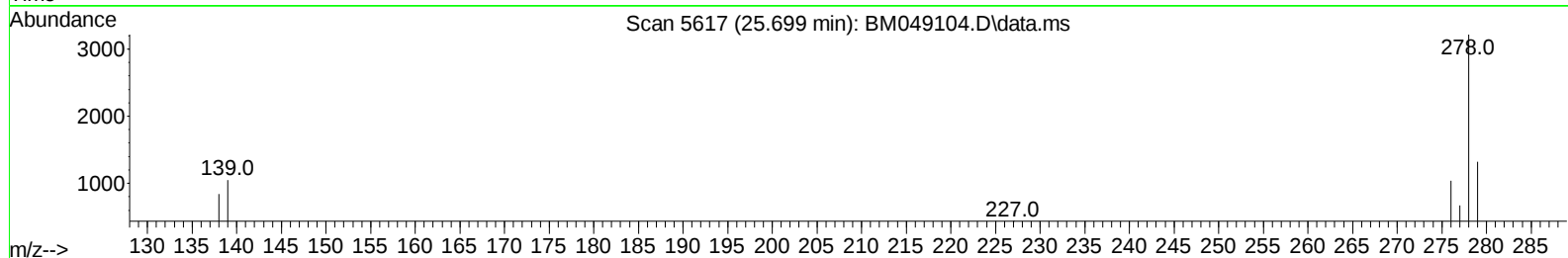
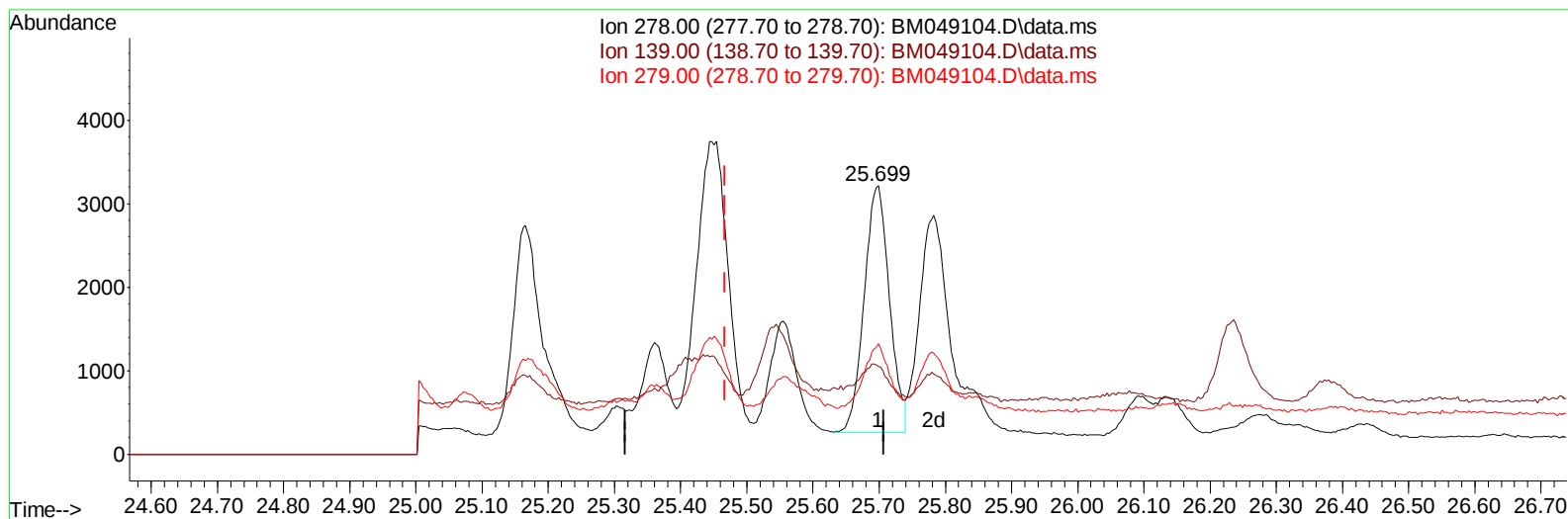
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
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TIC: BM049104.D\data.ms

(28) Dibenzo(a,h)anthracene

25.699min (+ 0.232) 0.09 ng/u1

response 7840

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	32.72#
279.00	26.90	41.03#
0.00	0.00	0.00

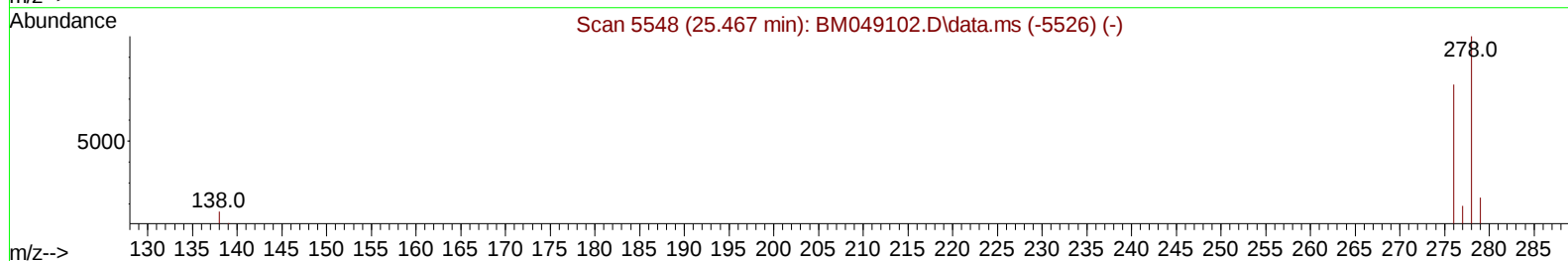
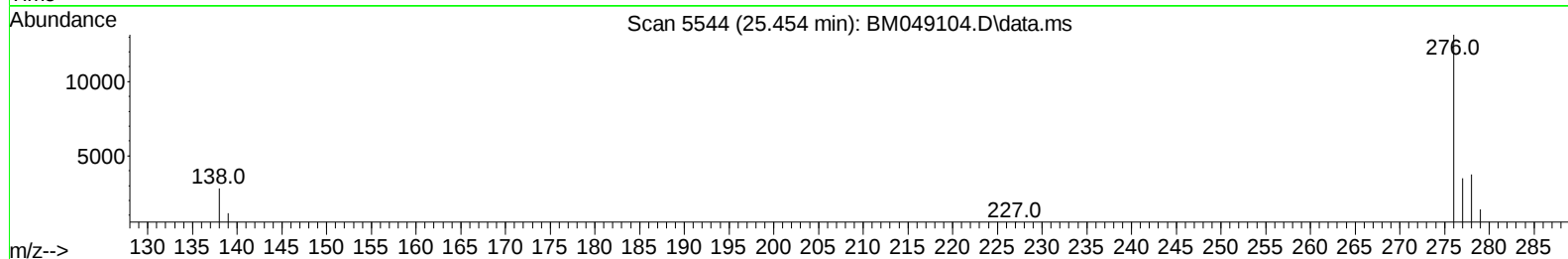
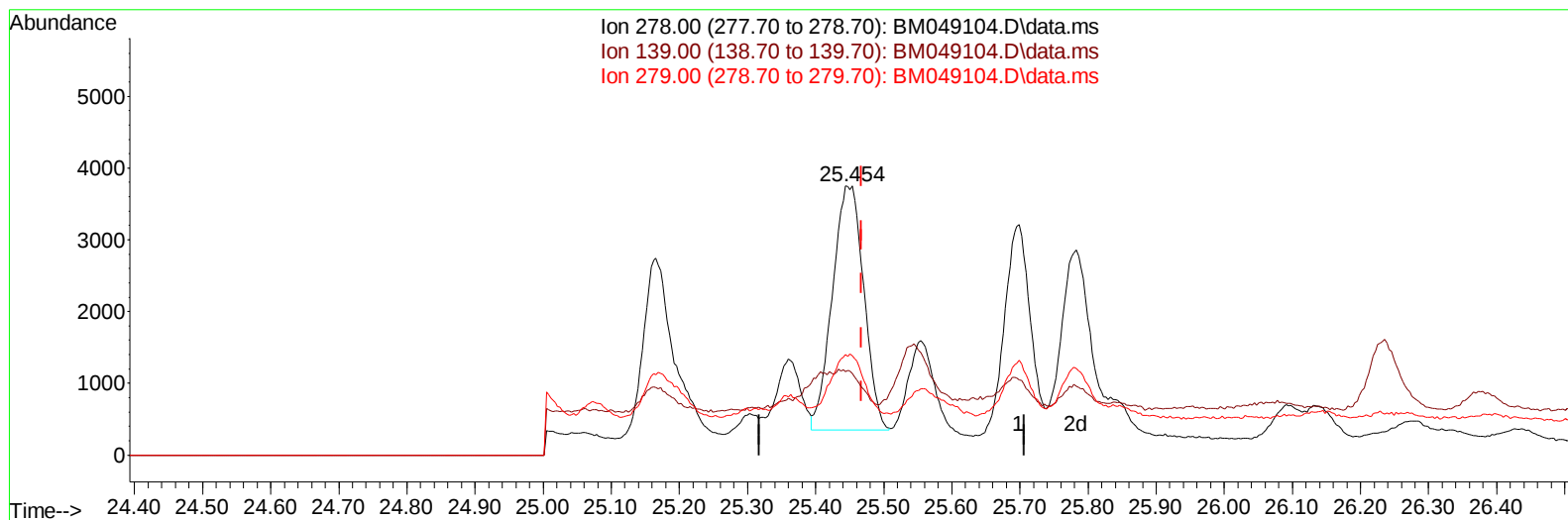
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049104.D
 Acq On : 20 Dec 2024 17:25
 Operator : RC/JU
 Sample : P5265-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
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 Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

(28) Dibenzo(a,h)anthracene

25.454min (-0.013) 0.13 ng/ul m

response 10903

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	30.26#
279.00	26.90	36.98#
0.00	0.00	0.00

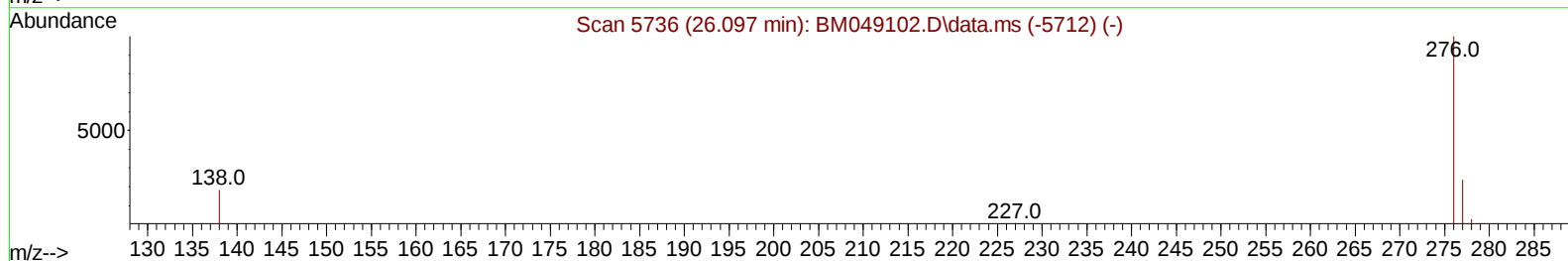
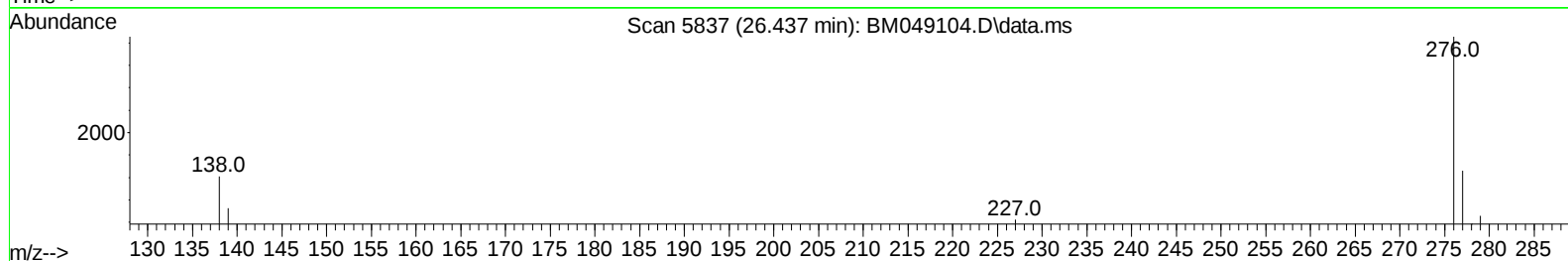
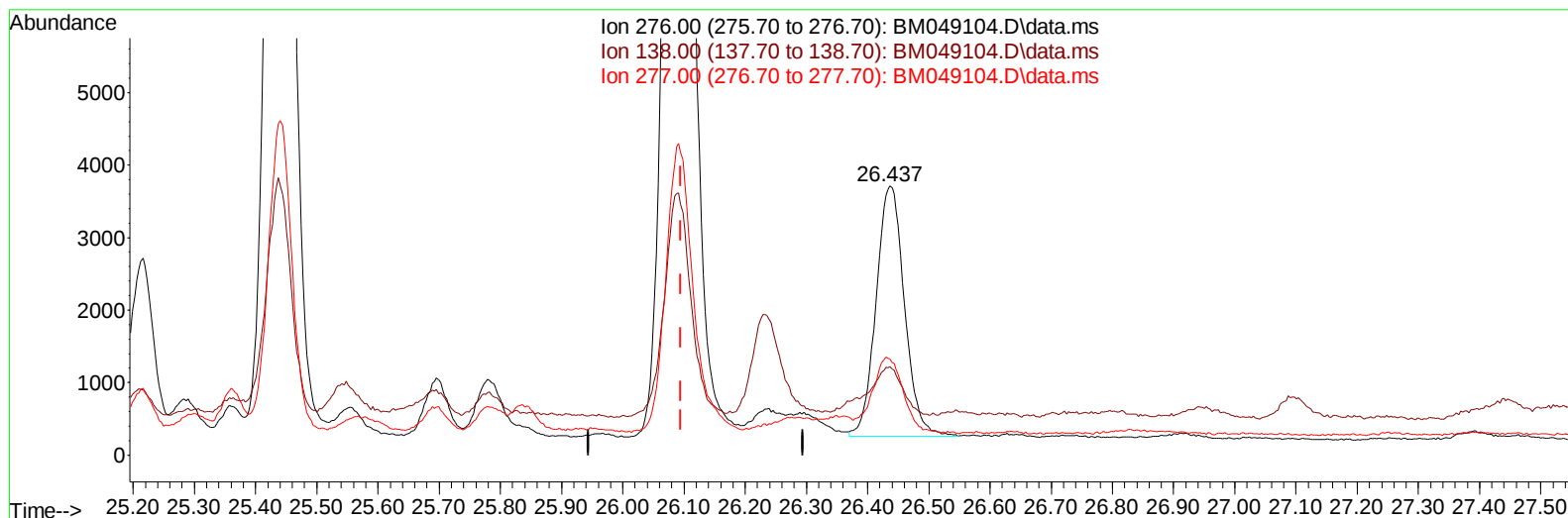
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
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TIC: BM049104.D\data.ms

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

26.437min (+ 0.342) 0.13 ng/u1

response 11146

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	32.80#
277.00	24.90	35.71#
0.00	0.00	0.00

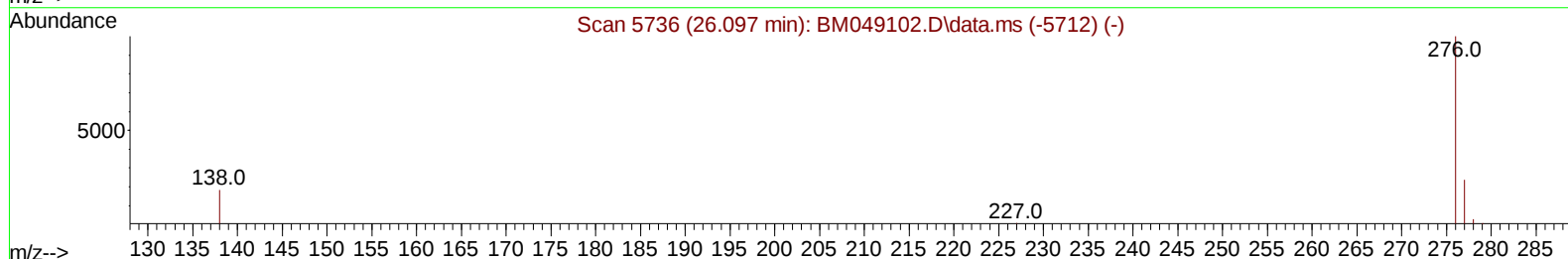
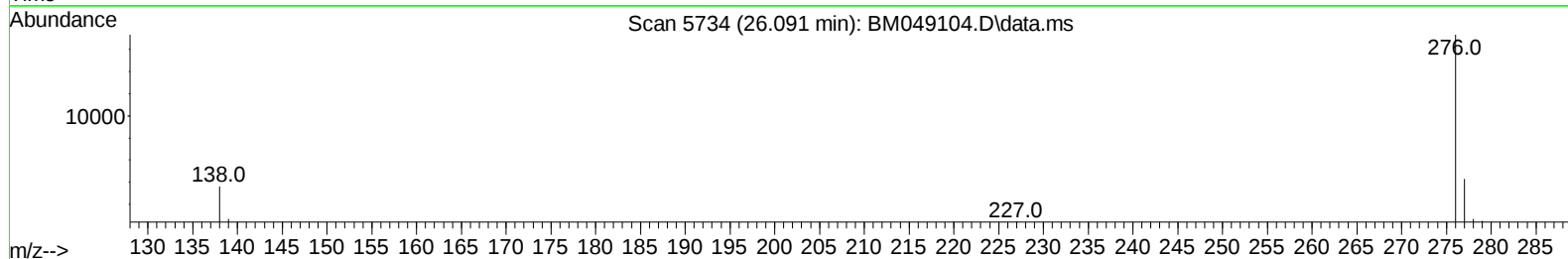
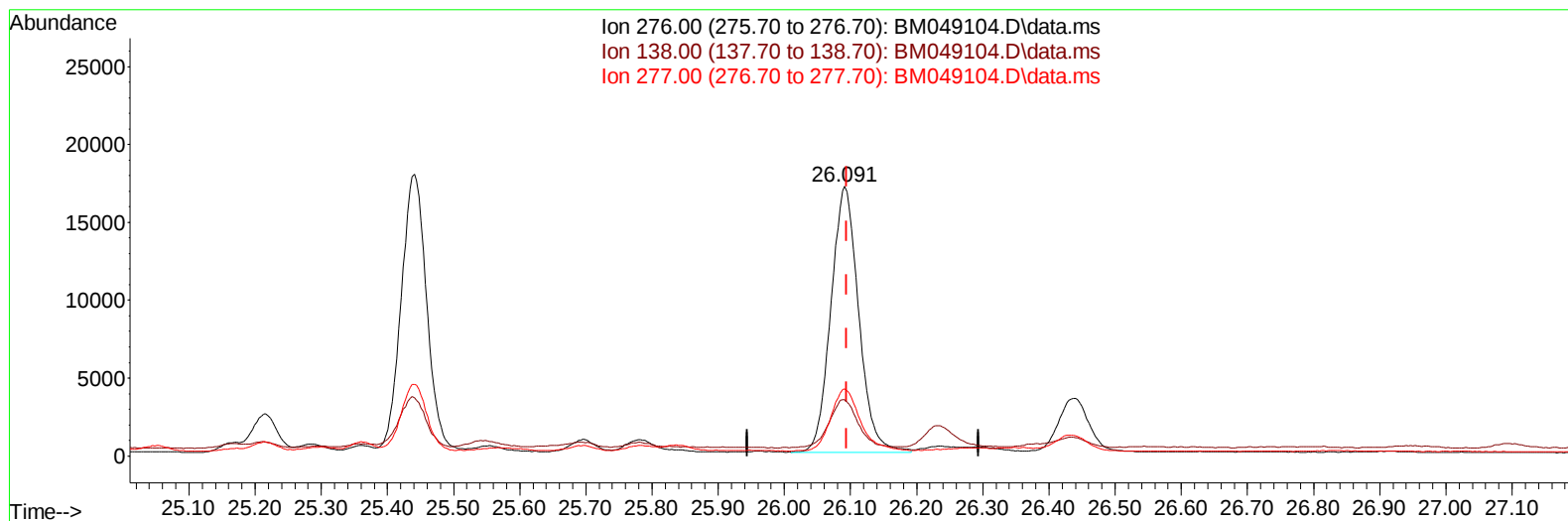
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049104.D
Acq On : 20 Dec 2024 17:25
Operator : RC/JU
Sample : P5265-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 12/24/2024



TIC: BM049104.D\data.ms

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

26.091min (-0.003) 0.58 ng/u1 m

response 49964

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	20.89
277.00	24.90	24.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049104.D
 Acq On : 20 Dec 2024 17:25
 Operator : RC/JU
 Sample : P5265-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y9

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:10:24 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	7891	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	24685	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.195	164	13692	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	29641m	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	23989m	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	24775m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	38491	4.229	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	8062	0.243	ng/ul	0.00
18) Fluoranthene-d10	18.978	212	12106m	0.178	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	3728	0.060	ng/ul#	91
7) 2-Methylnaphthalene	11.997	142	3053	0.078	ng/ul	97
8) 1-Methylnaphthalene	12.217	142	2148	0.054	ng/ul	96
10) Acenaphthylene	13.913	152	2259	0.040	ng/ul#	80
11) Acenaphthene	14.260	153	2803	0.068	ng/ul	95
12) Fluorene	15.250	166	2400	0.051	ng/ul#	95
15) Phenanthrene	16.984	178	57254m	0.740	ng/ul	
16) Anthracene	17.077	178	12446m	0.175	ng/ul	
19) Fluoranthene	19.010	202	140983m	1.625	ng/ul	
20) Pyrene	19.373	202	119323m	1.290	ng/ul	
21) Benzo(a)anthracene	21.129	228	62835m	0.753	ng/ul	
22) Chrysene	21.178	228	65248m	0.729	ng/ul	
24) Benzo(b)fluoranthene	22.663	252	85930m	1.086	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	33347m	0.384	ng/ul	
26) Benzo(a)pyrene	23.207	252	58846m	0.775	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.441	276	46803m	0.436	ng/ul	
28) Dibenzo(a,h)anthracene	25.454	278	10903m	0.131	ng/ul	
29) Benzo(g,h,i)perylene	26.091	276	49964m	0.578	ng/ul	

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

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Misc :
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