

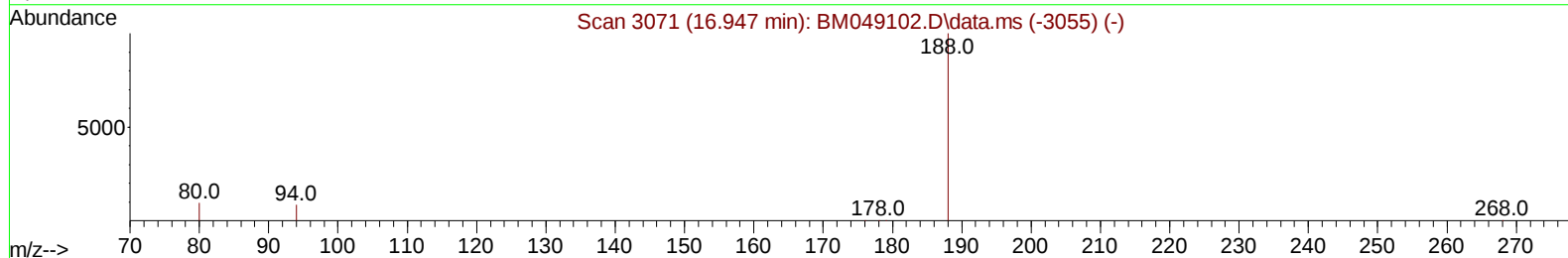
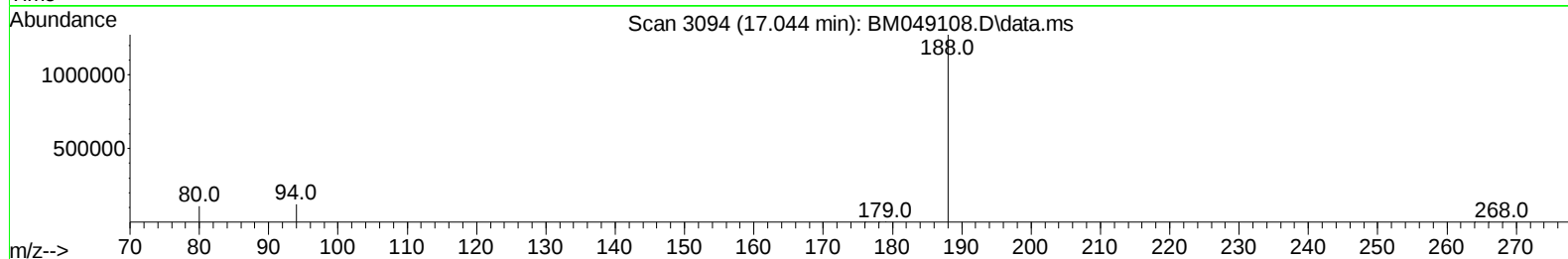
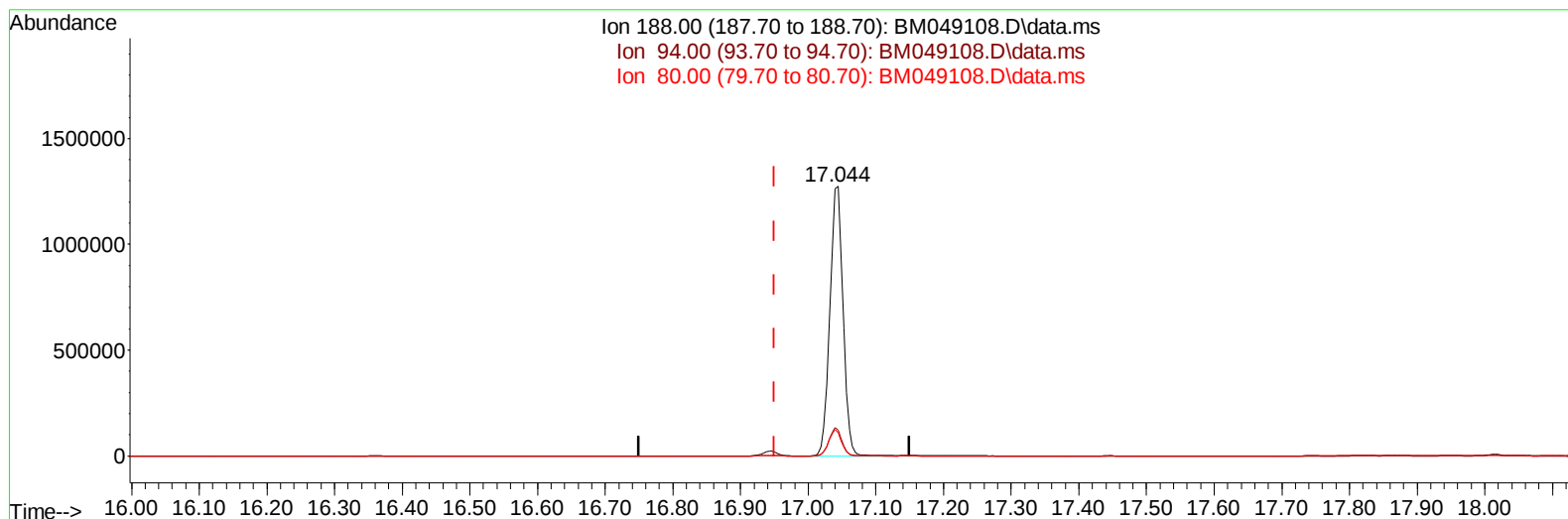
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(13) Phenanthrene-d10 (I)

17.044min (+ 0.094) 0.40 ng/u1

response 1720926

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.61
80.00	10.70	8.65
0.00	0.00	0.00

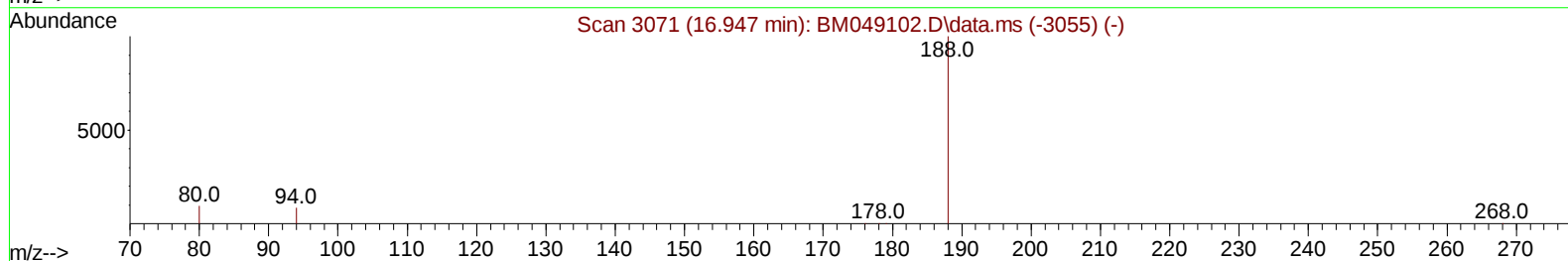
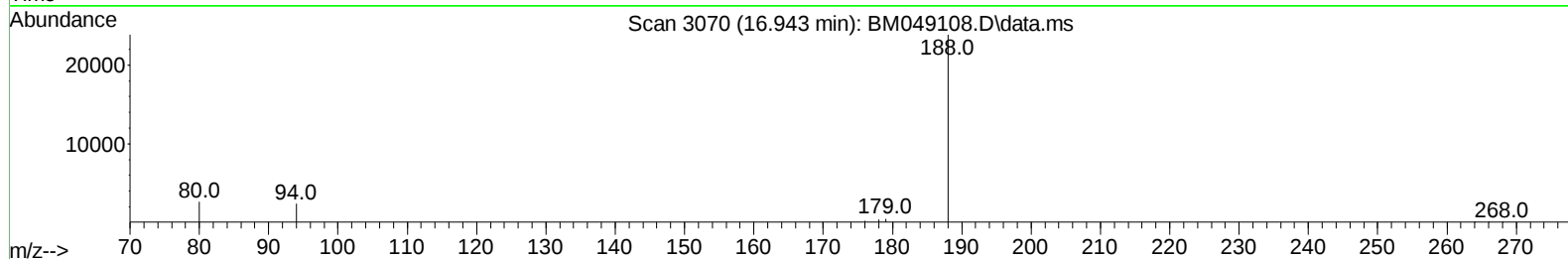
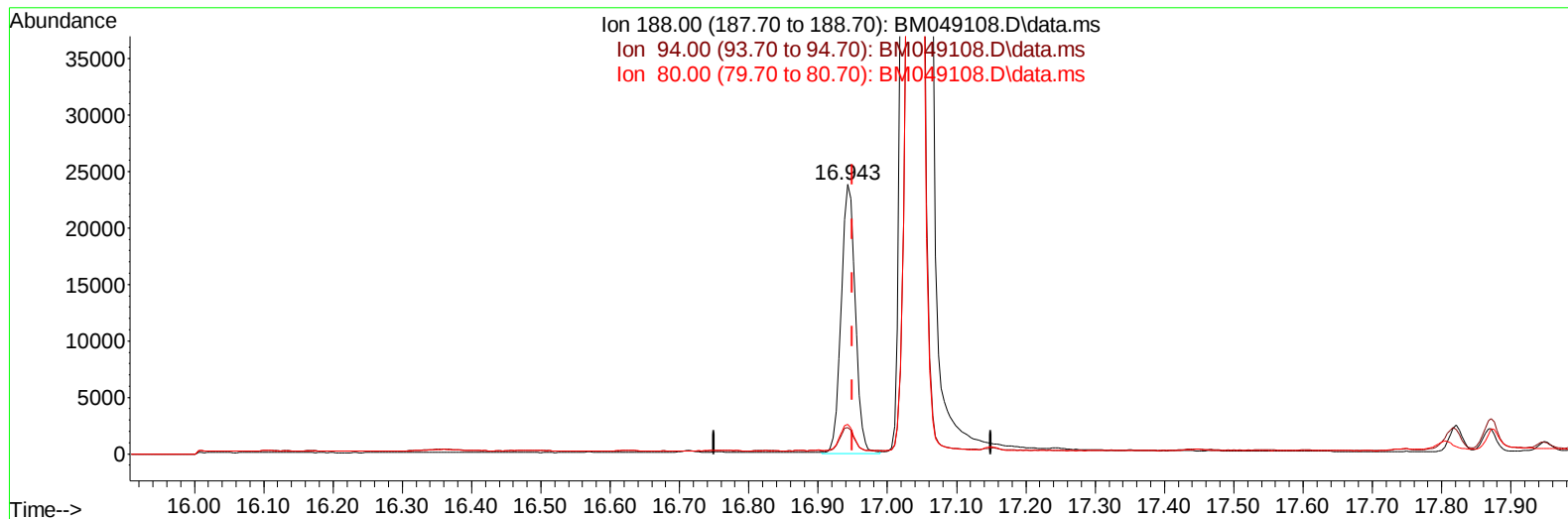
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(13) Phenanthrene-d10 (I)

16.943min (-0.007) 0.40 ng/ul m

response 33684

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.90
80.00	10.70	11.03
0.00	0.00	0.00

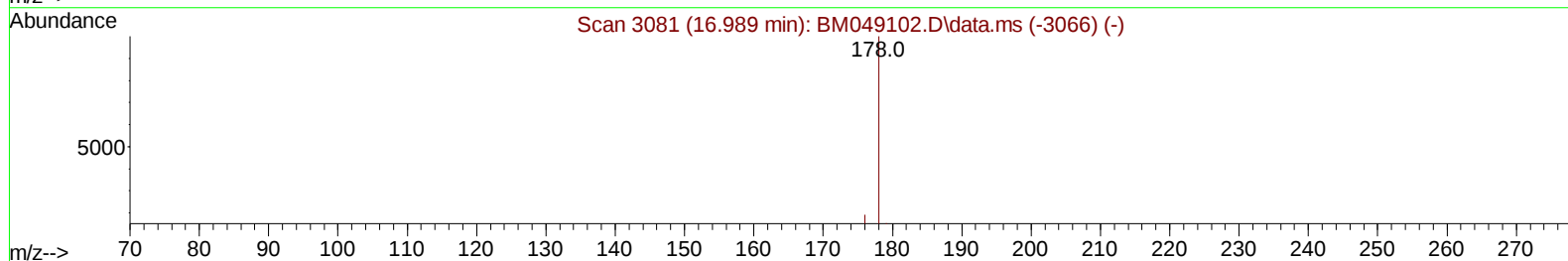
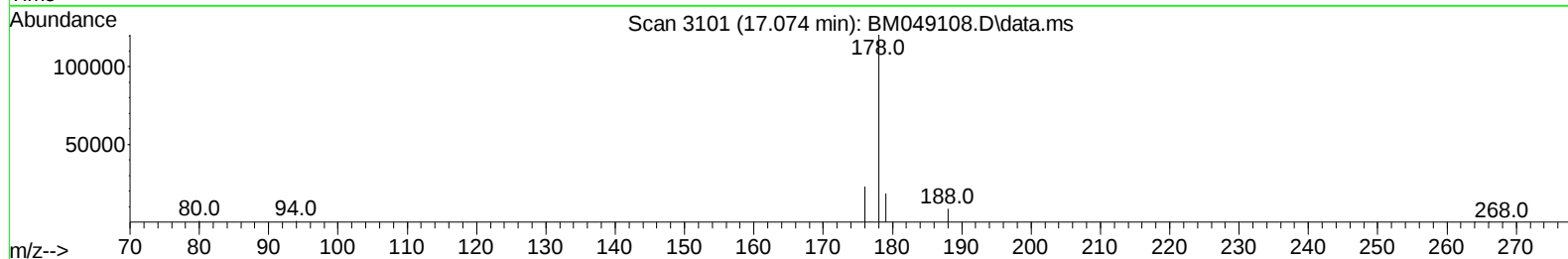
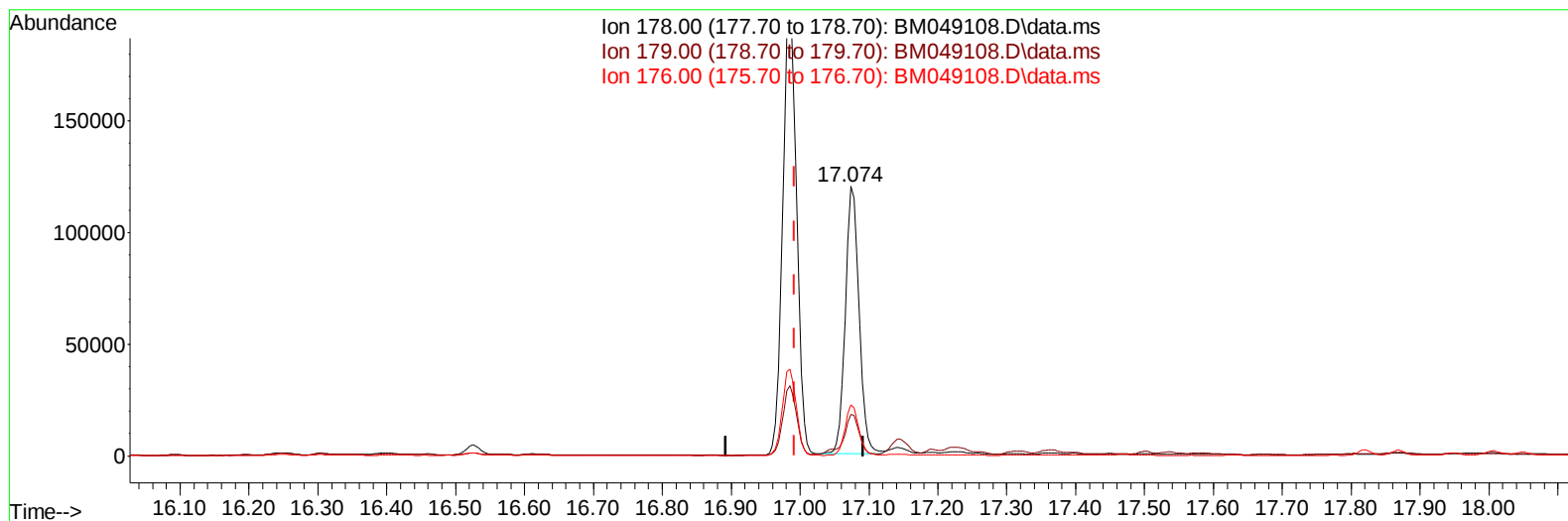
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(15) Phenanthrene

17.074min (+ 0.082) 1.88 ng/u1

response 165017

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.43
176.00	20.20	19.11
0.00	0.00	0.00

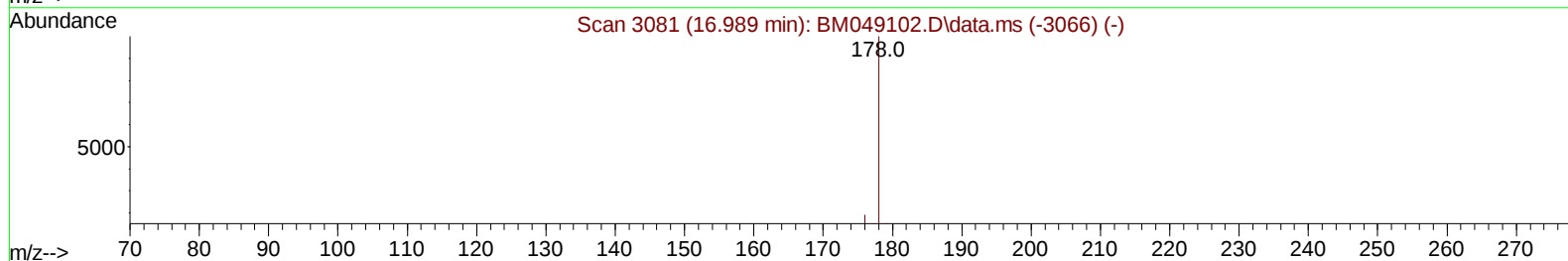
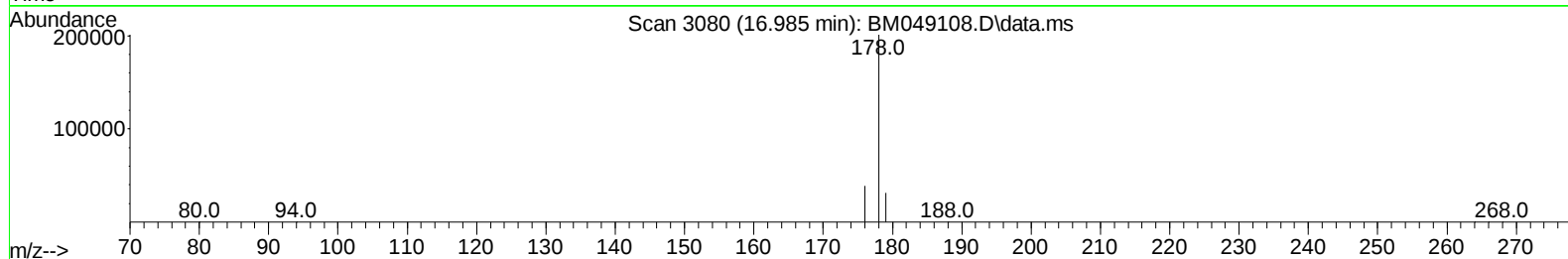
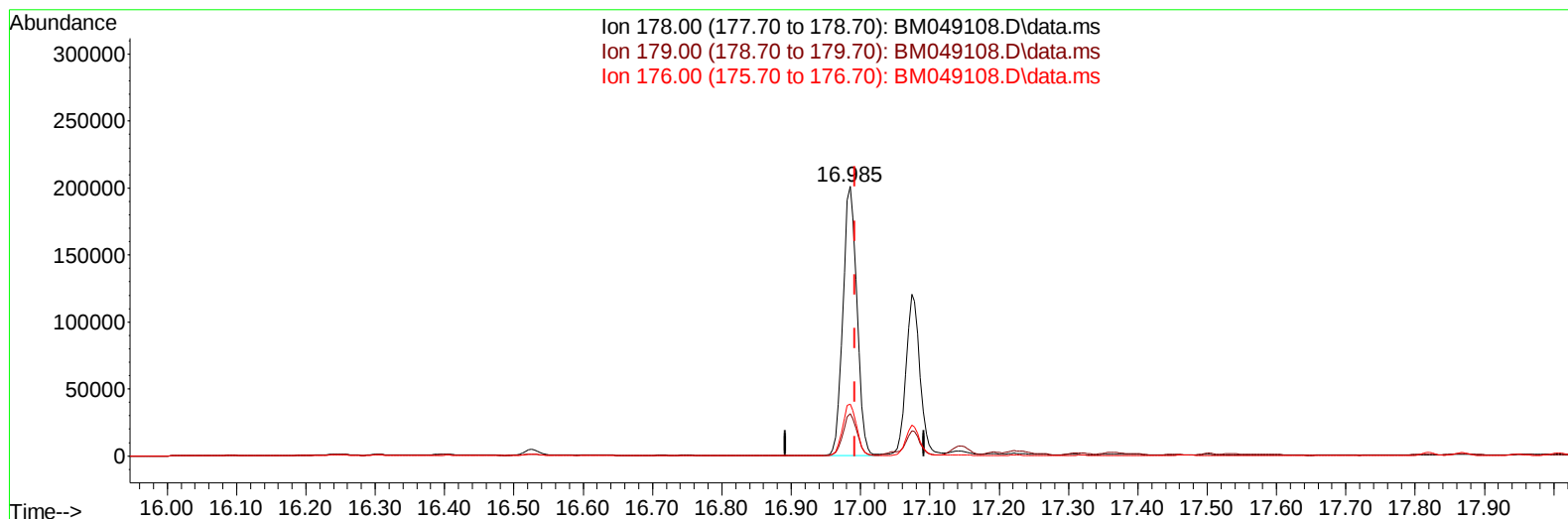
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(15) Phenanthrene

16.985min (-0.007) 3.21 ng/ul m

response 282161

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.68
176.00	20.20	19.29
0.00	0.00	0.00

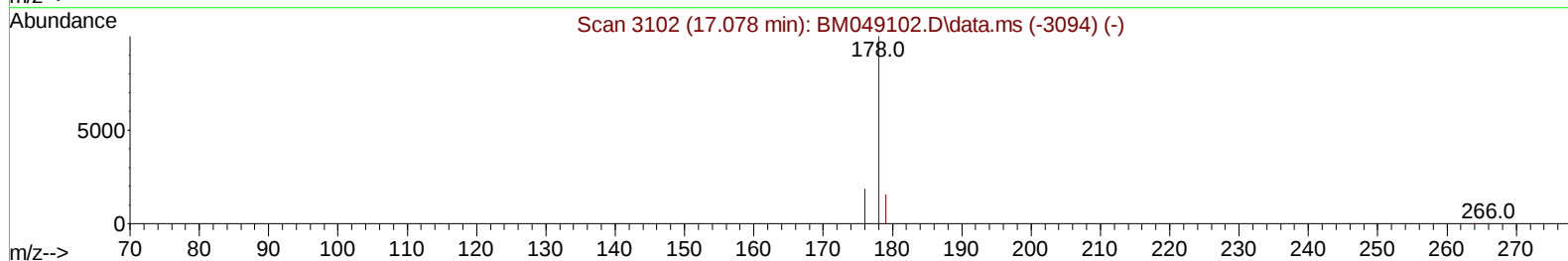
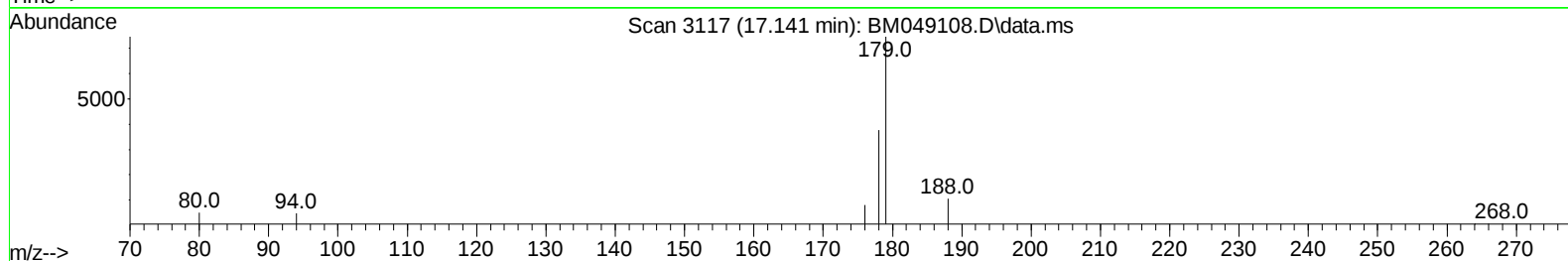
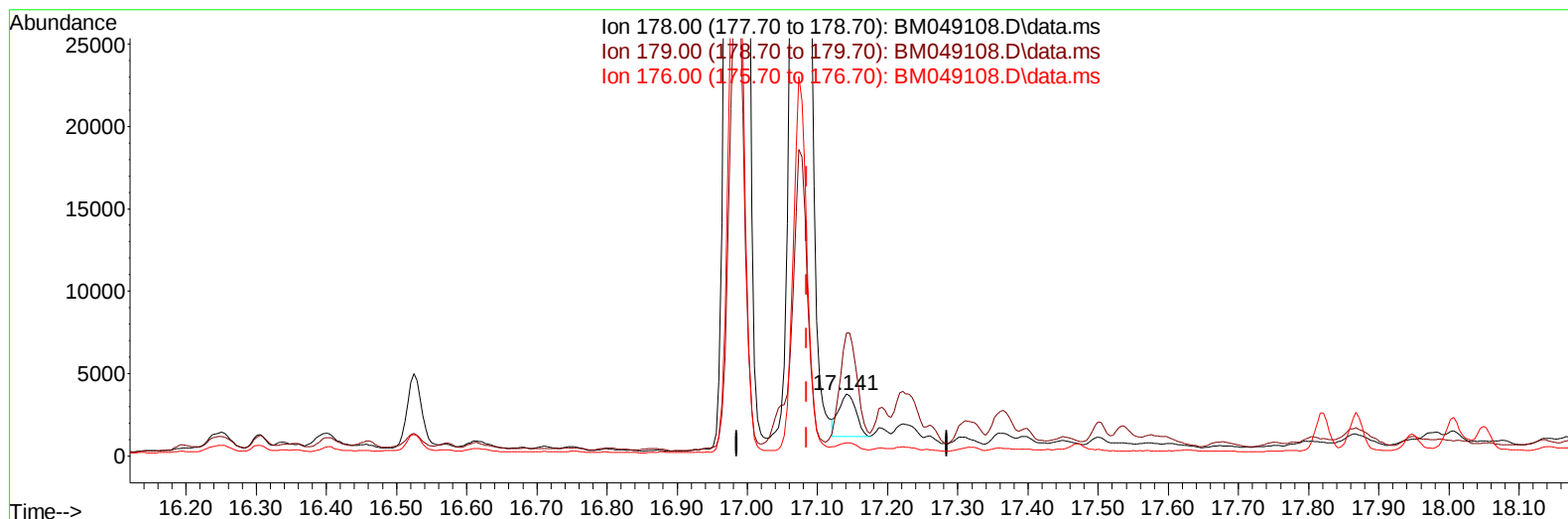
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(16) Anthracene

17.141min (+ 0.056) 0.05 ng/u1

response 4393

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	198.24#
176.00	19.10	21.40
0.00	0.00	0.00

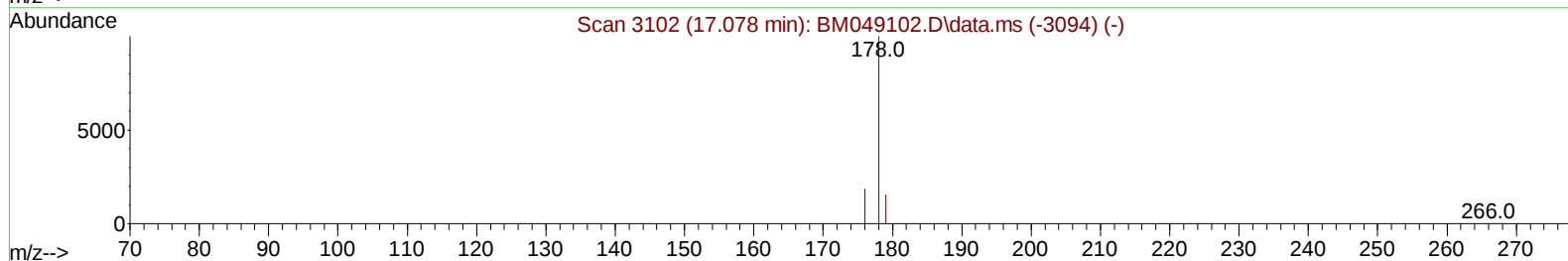
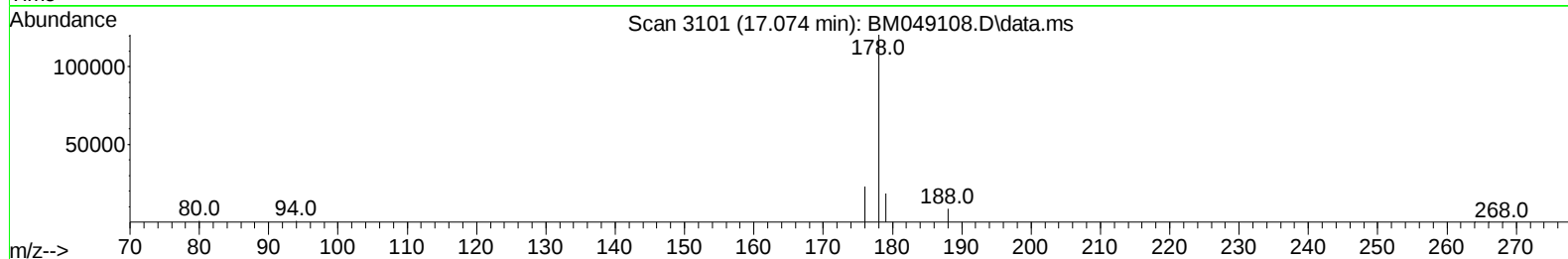
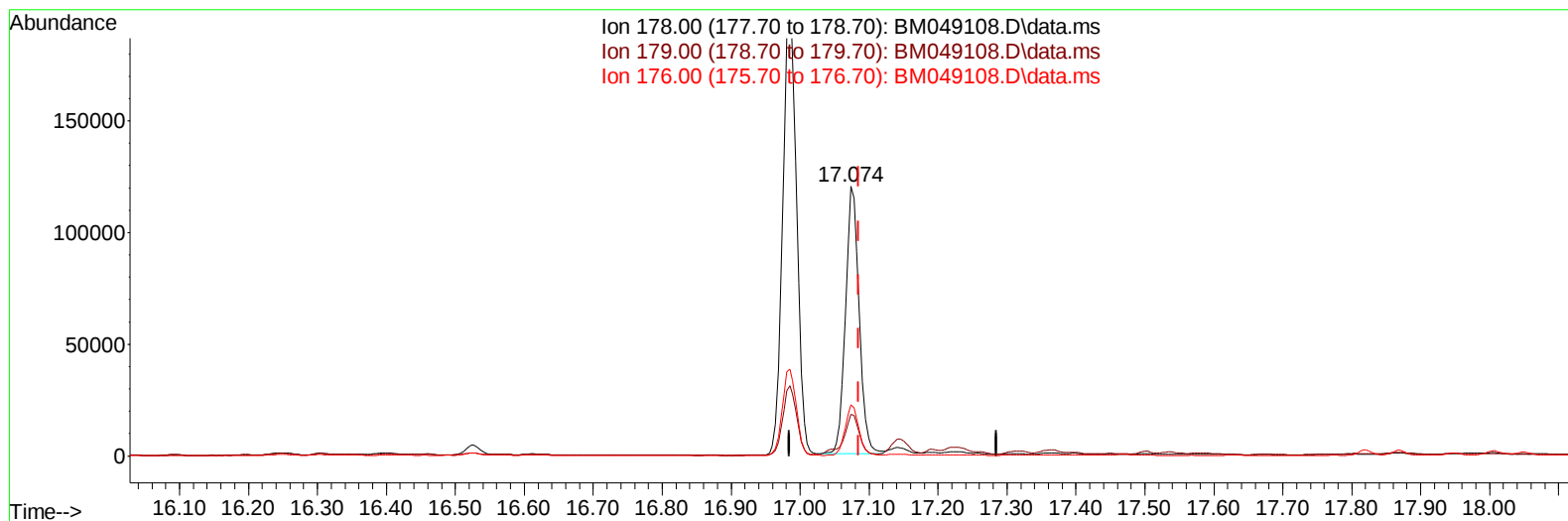
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(16) Anthracene

17.074min (-0.011) 2.05 ng/ul m

response 165235

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	15.43
176.00	19.10	19.11
0.00	0.00	0.00

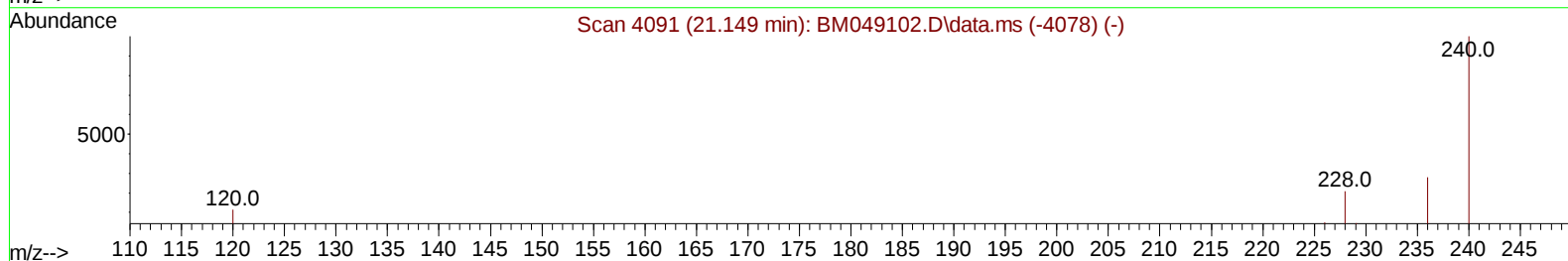
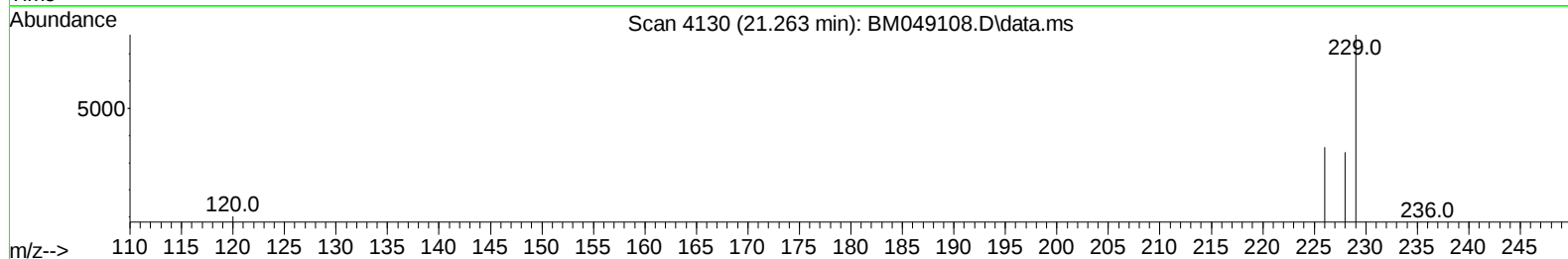
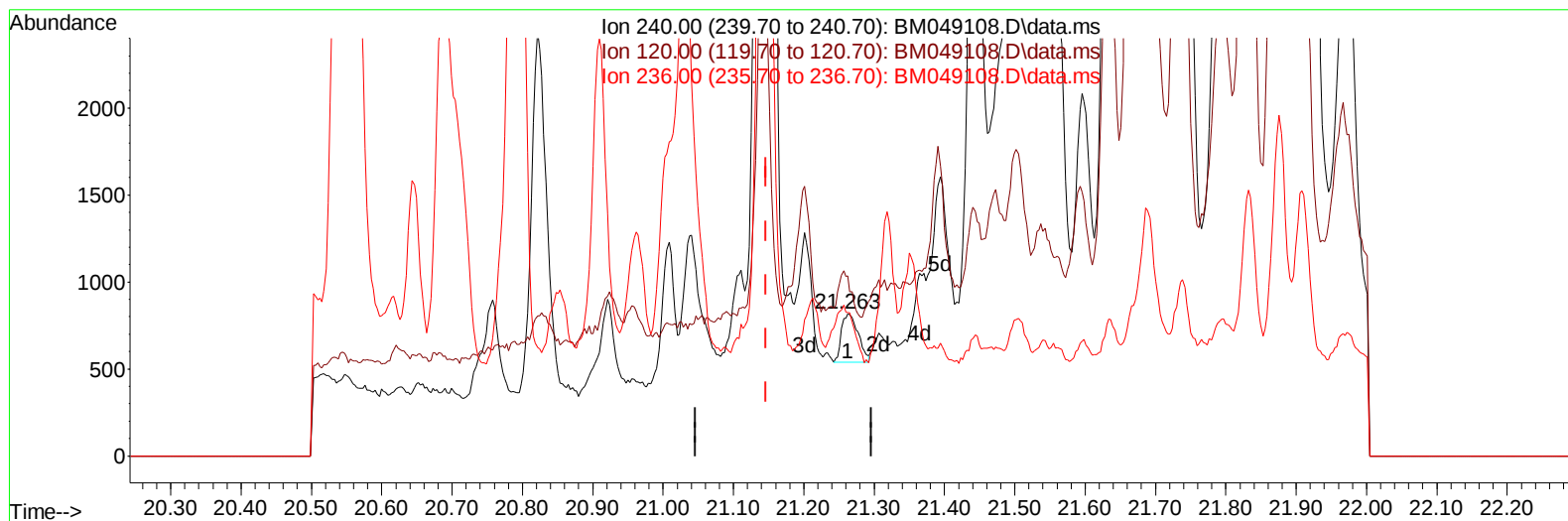
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049108.D
 Acq On : 20 Dec 2024 19:49
 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(17) Chrysene-d12

21.263min (+ 0.116) 0.40 ng/u1

response 457

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	126.41#
236.00	29.80	100.49#
0.00	0.00	0.00

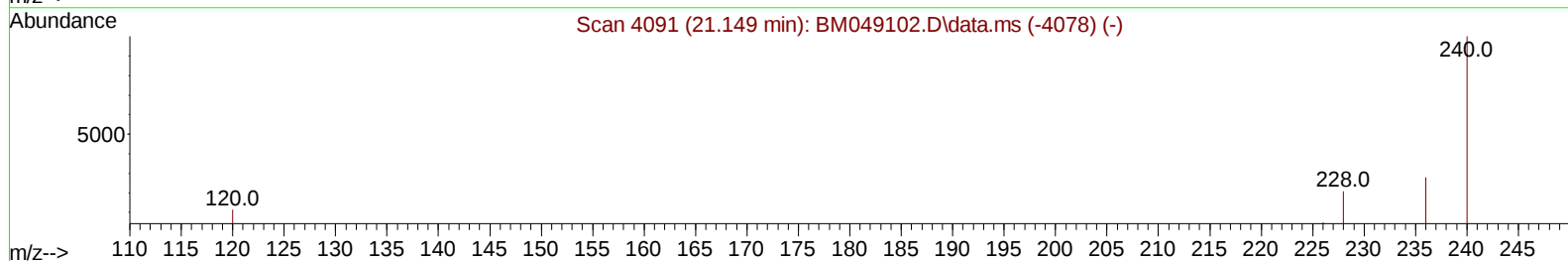
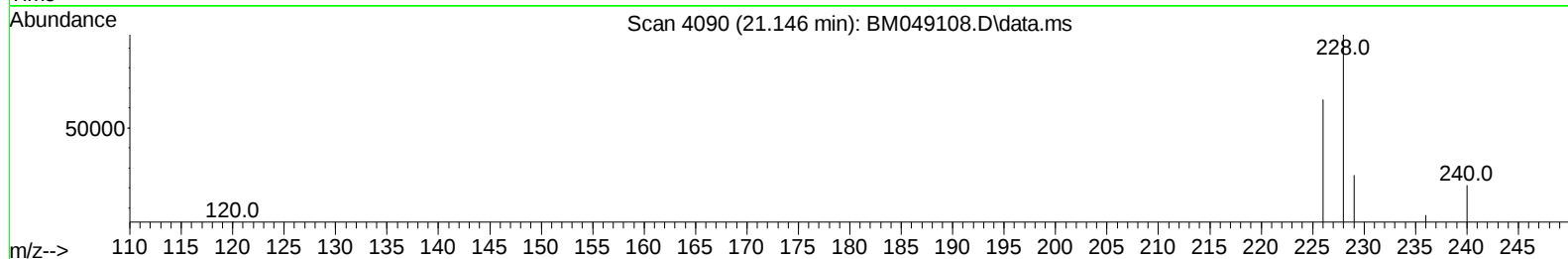
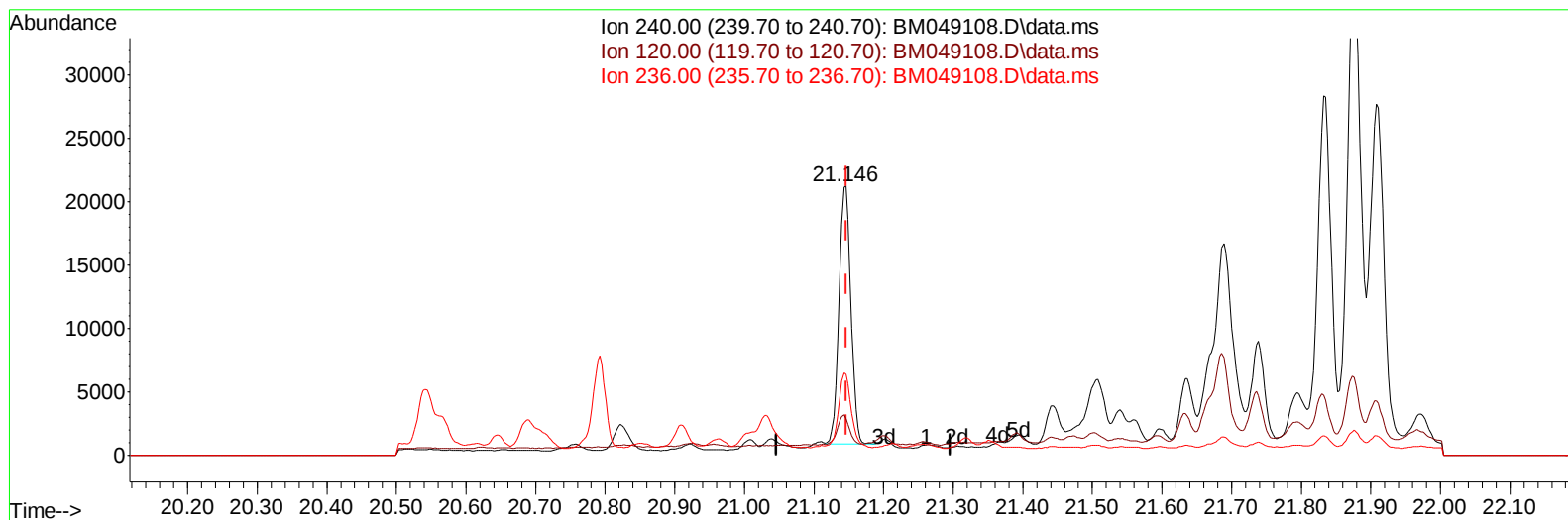
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(17) Chrysene-d12

21.146min (-0.000) 0.40 ng/ul m

response 24250

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	13.56
236.00	29.80	30.14
0.00	0.00	0.00

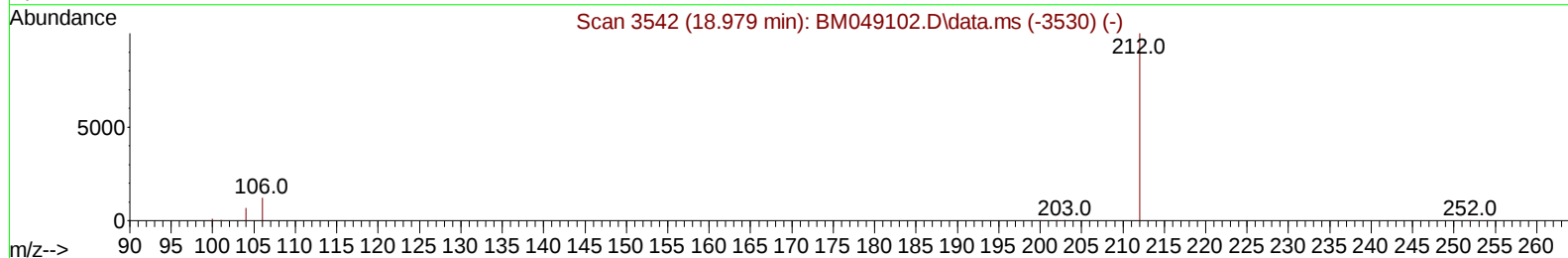
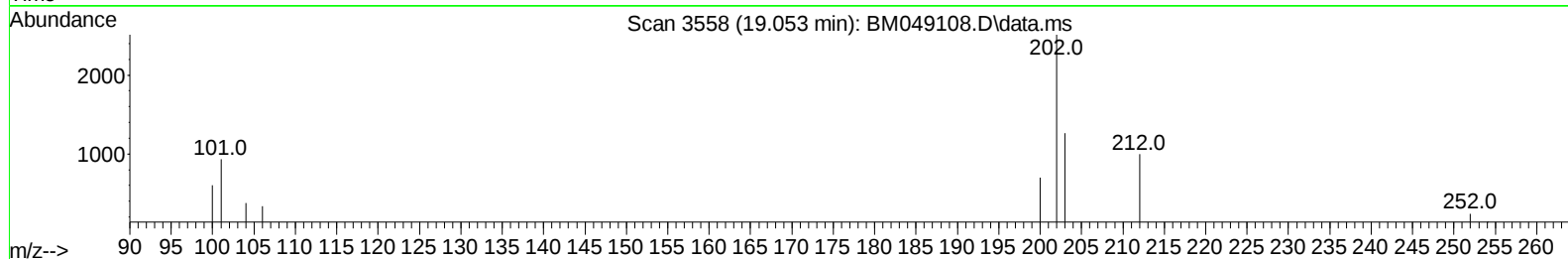
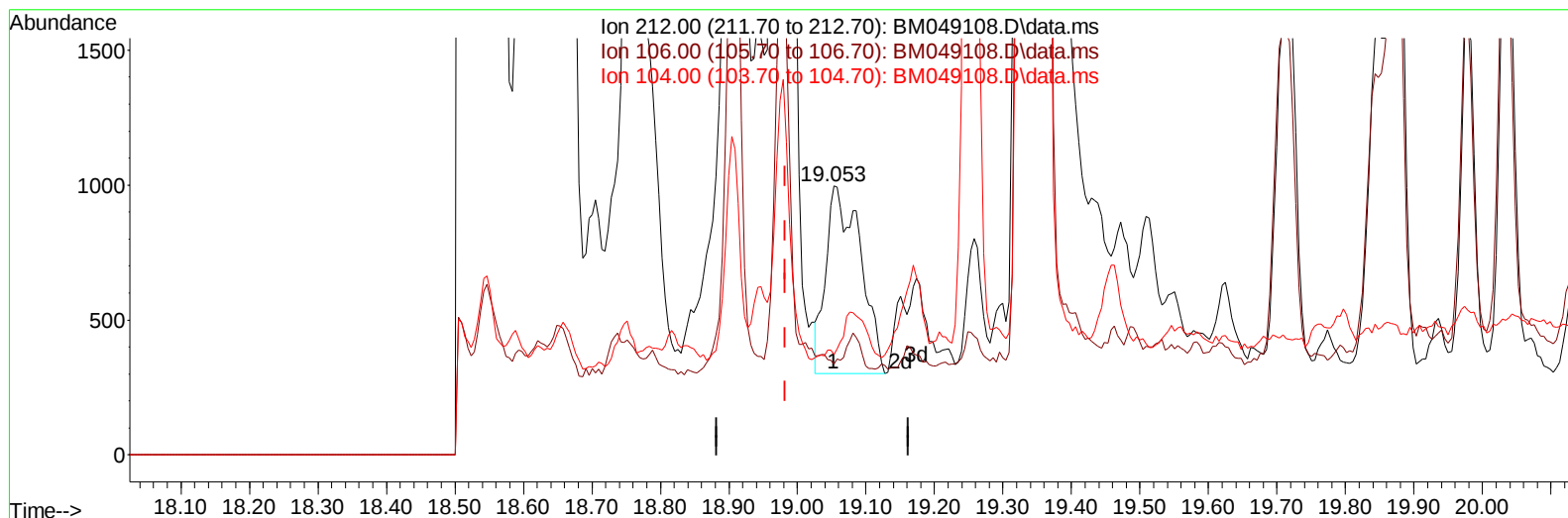
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.053min (+ 0.071) 0.04 ng/u1

response 2430

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

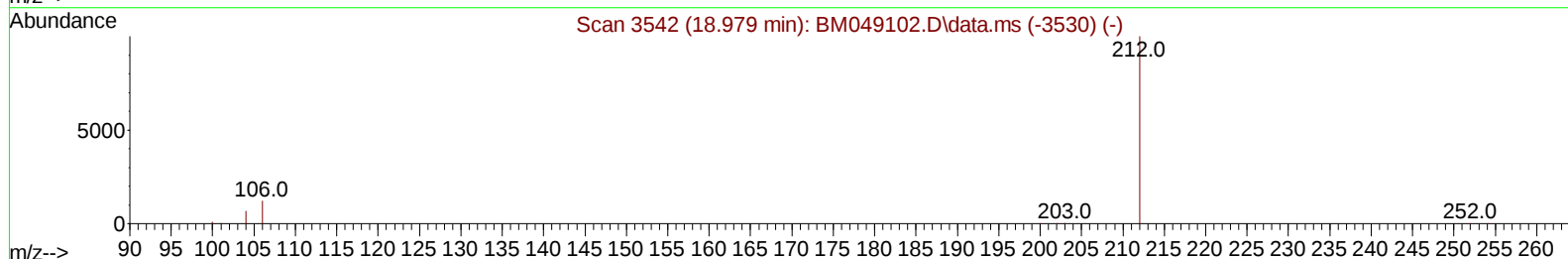
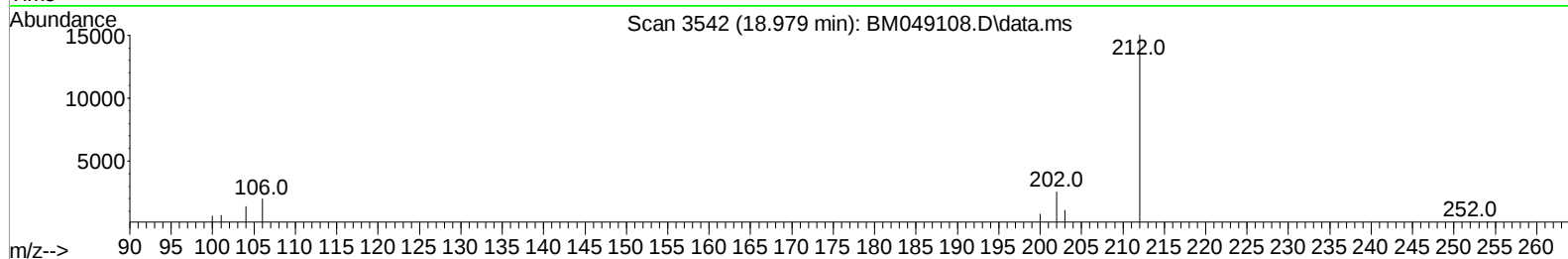
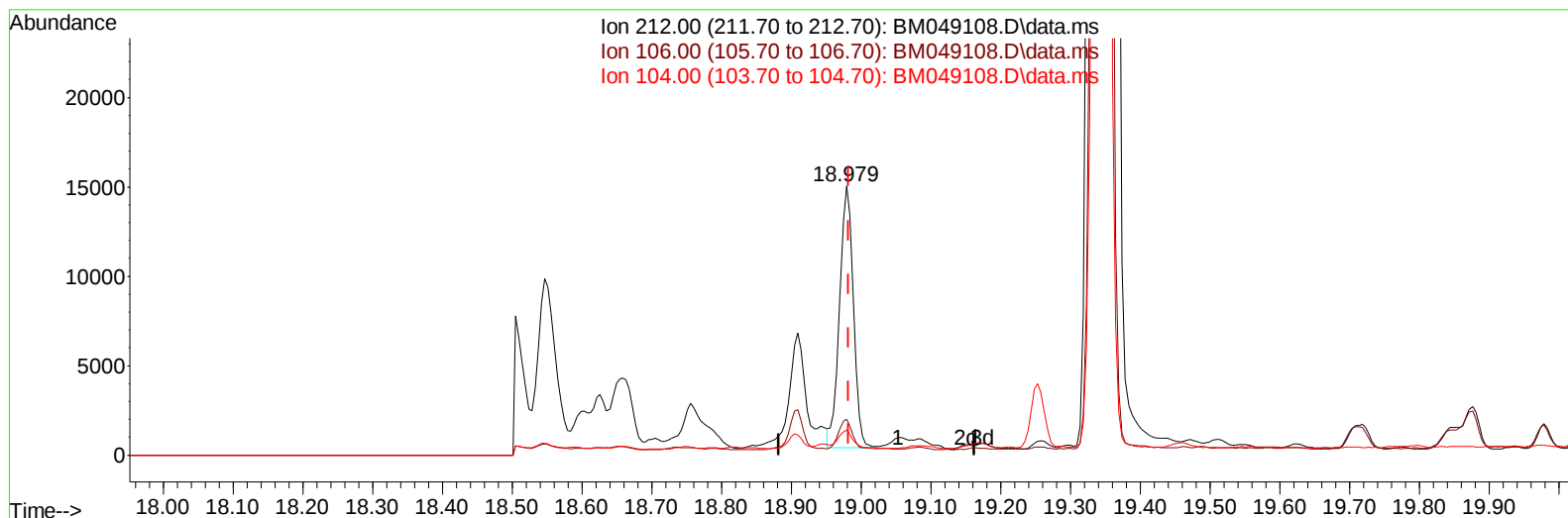
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.979min (-0.003) 0.29 ng/u1 m

response 19966

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

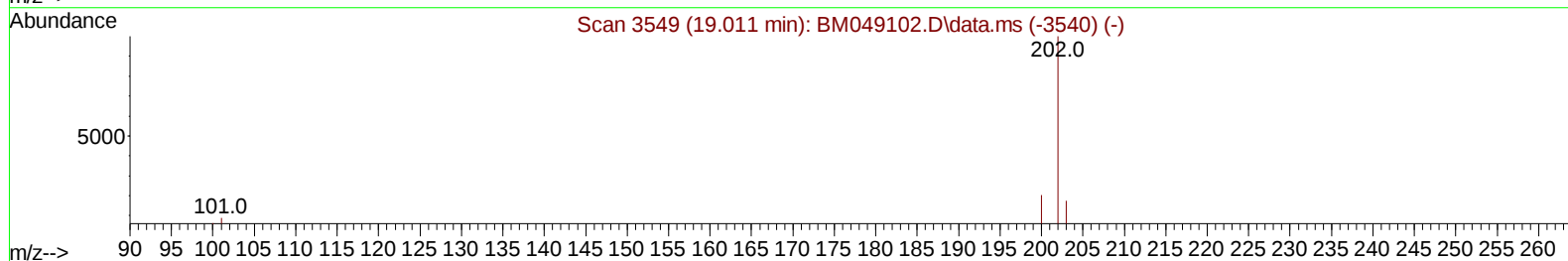
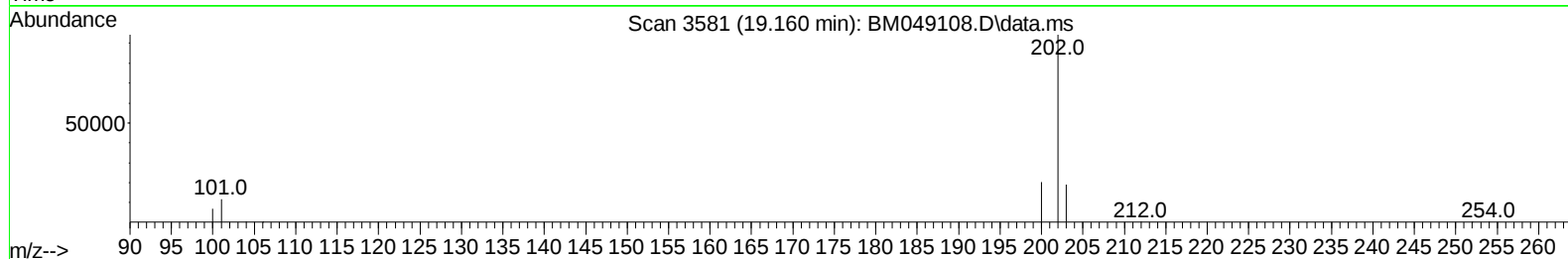
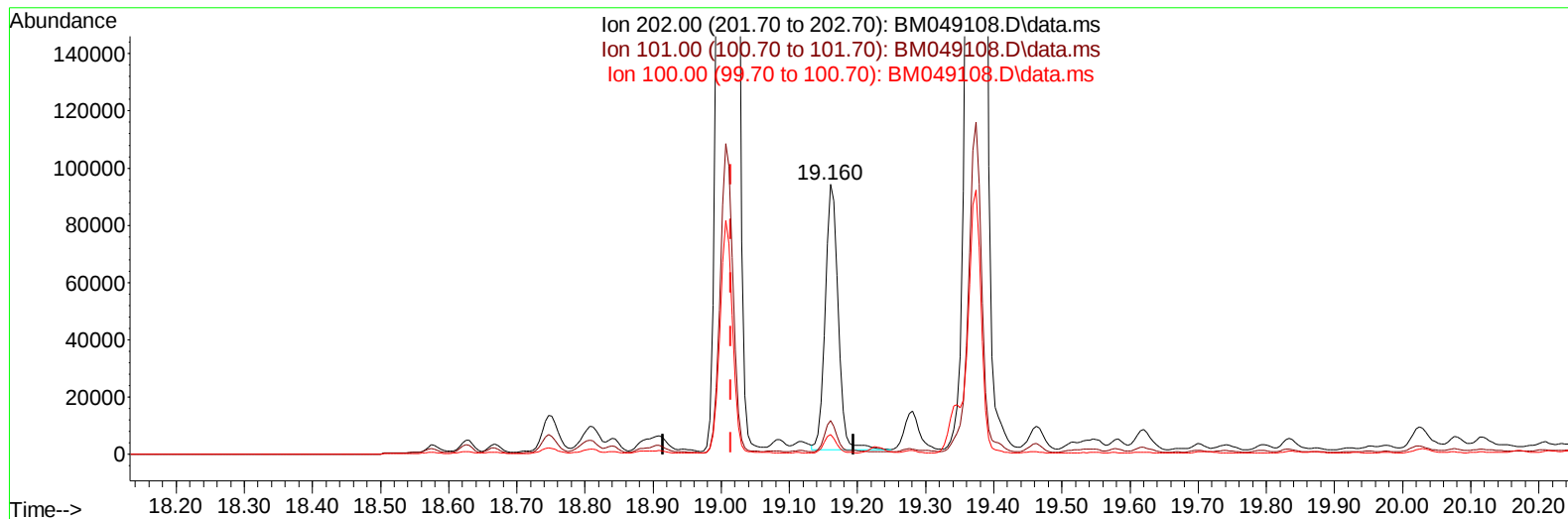
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 12/24/2024



TIC: BM049108.D\data.ms

(19) Fluoranthene (C)

19.160min (+ 0.145) 1.40 ng/u1

response 122325

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	12.31#
100.00	6.90	7.32
0.00	0.00	0.00

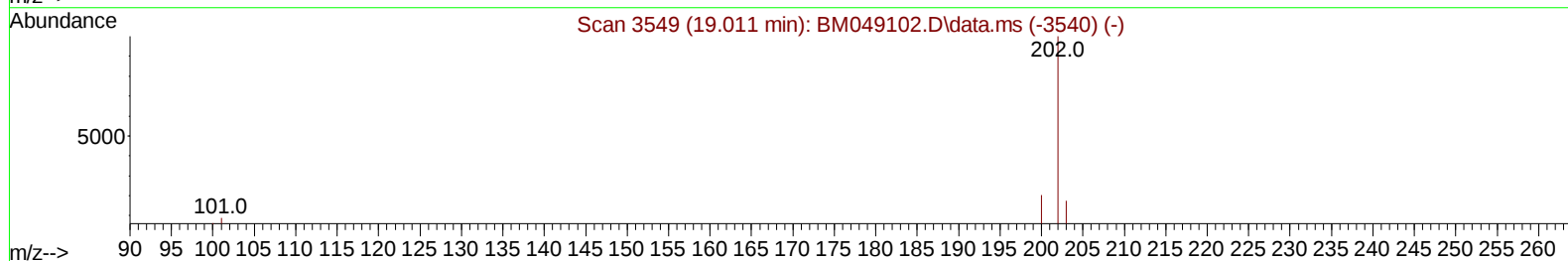
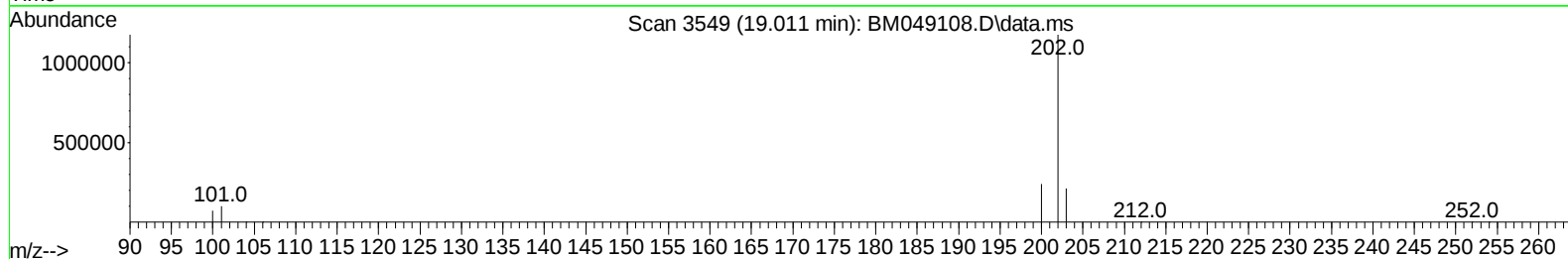
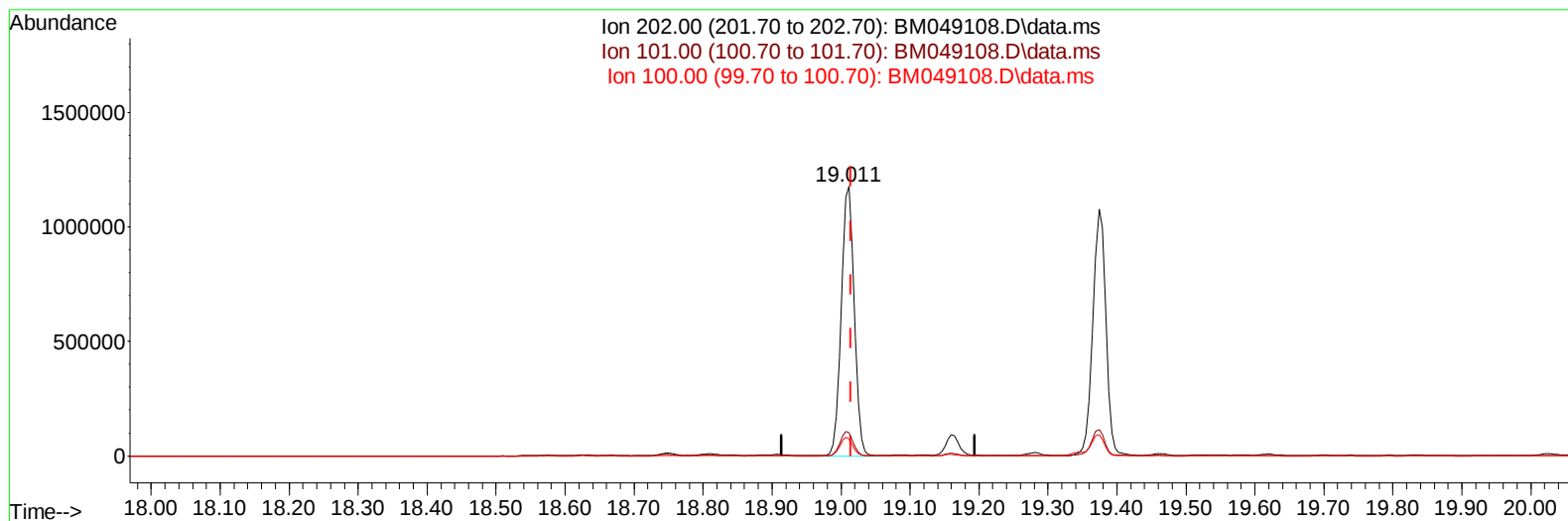
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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Supervised By :mohammad ahmed 12/24/2024



TIC: BM049108.D\data.ms

(19) Fluoranthene (C)

19.011min (-0.003) 17.69 ng/ul m

response 1550752

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	8.55
100.00	6.90	6.24
0.00	0.00	0.00

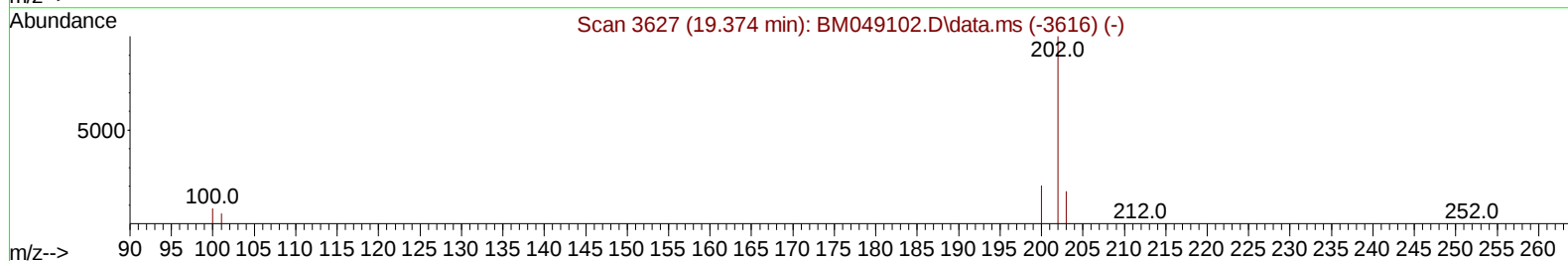
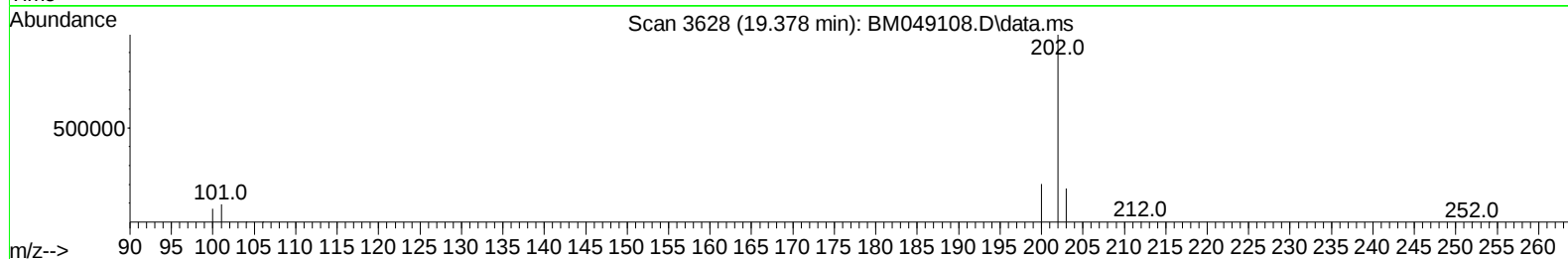
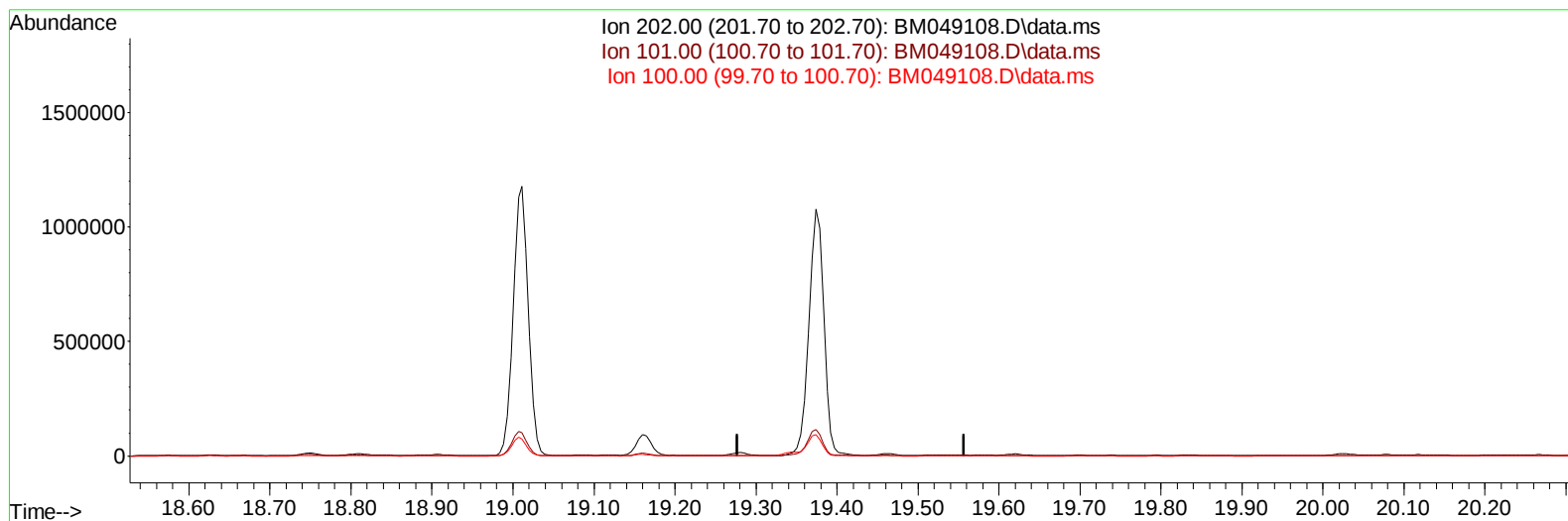
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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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: BM049108.D\data.ms

(20) Pyrene

19.377min (-19.377) 0.00 ng/u1

response 0

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

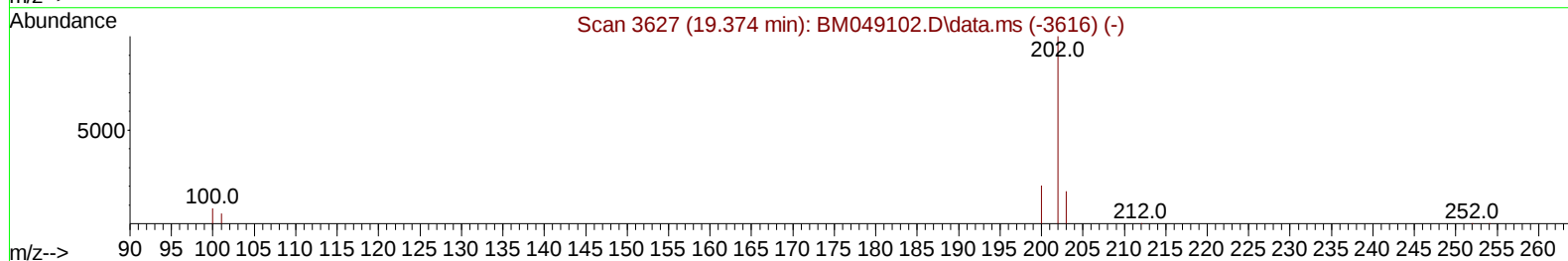
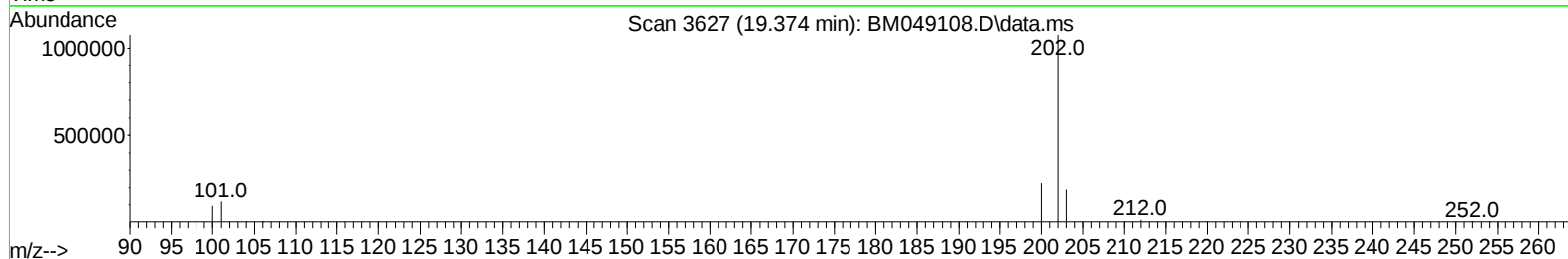
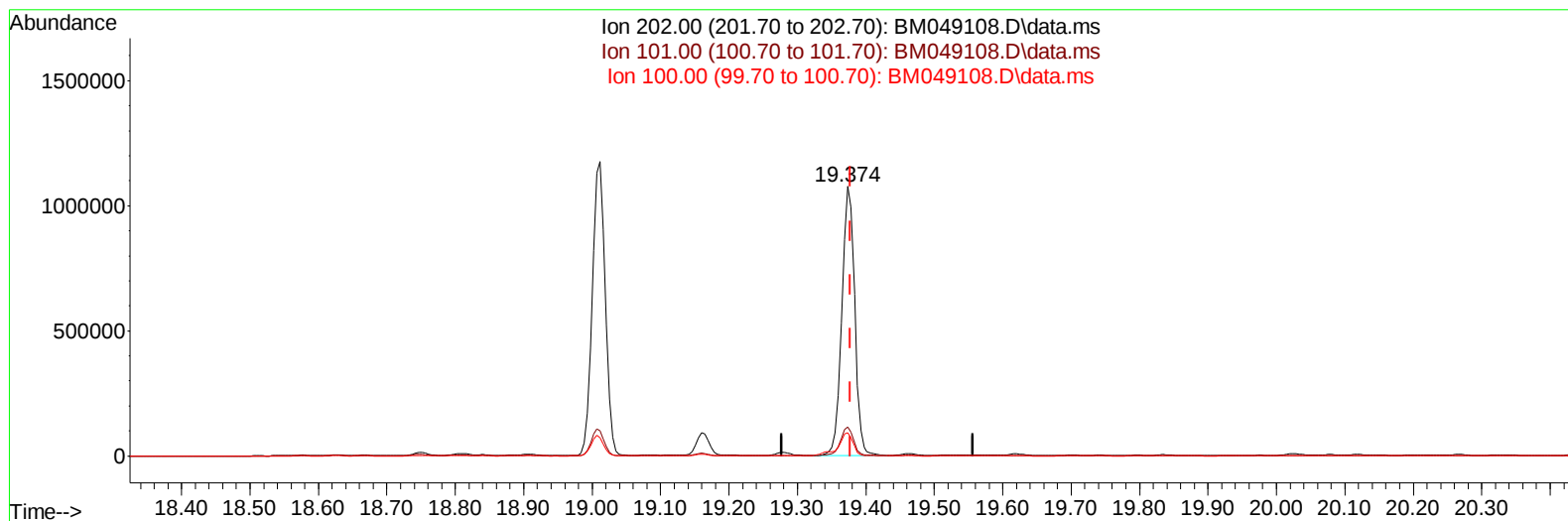
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(20) Pyrene

19.374min (-0.003) 14.84 ng/ul m

response 1387859

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	10.78
100.00	8.60	8.56
0.00	0.00	0.00

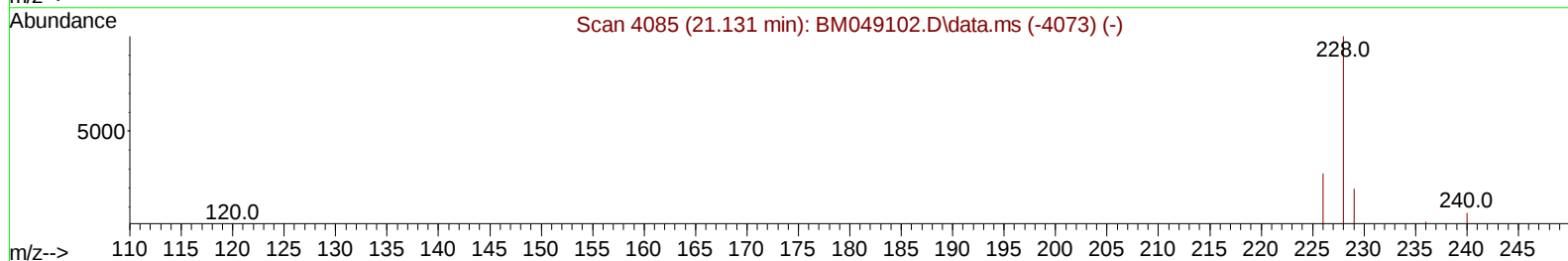
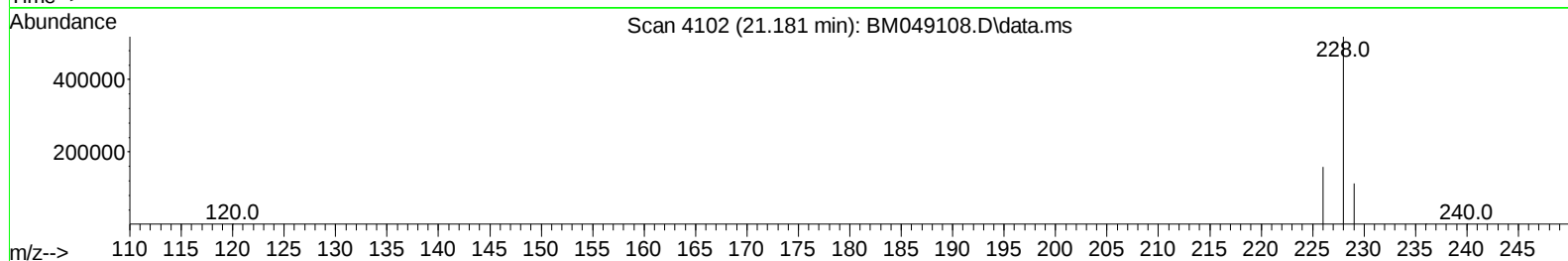
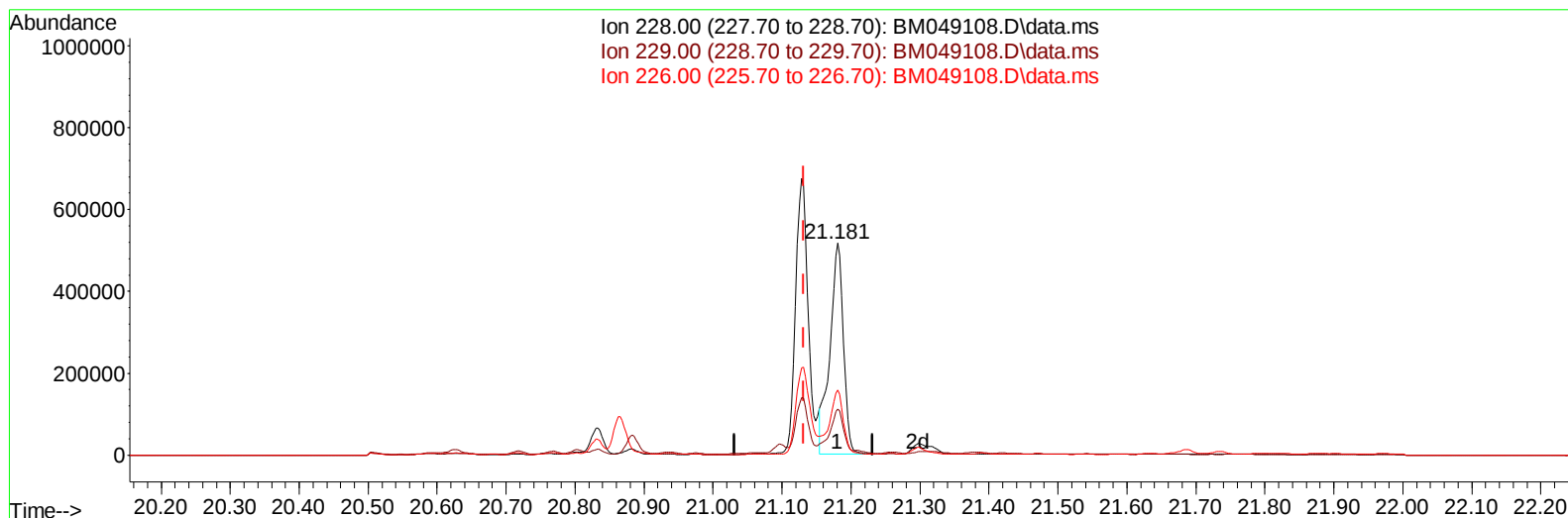
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(21) Benzo(a)anthracene

21.181min (+ 0.049) 8.35 ng/u1

response 703997

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	21.83
226.00	28.30	30.62
0.00	0.00	0.00

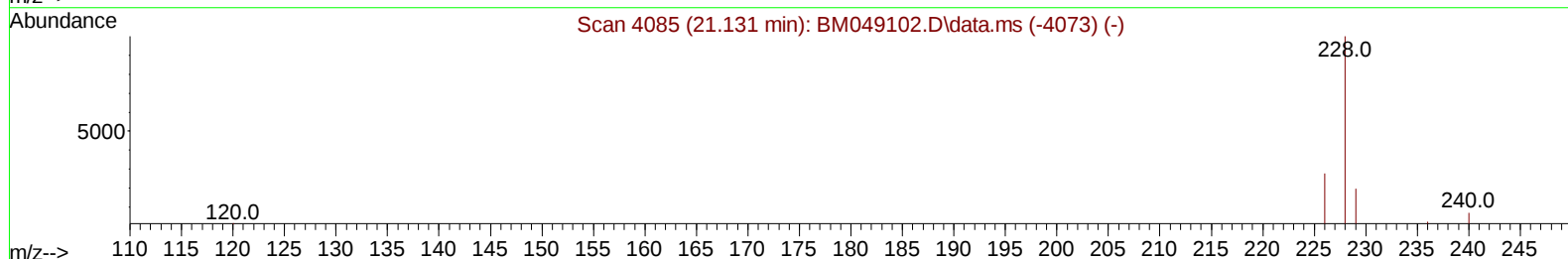
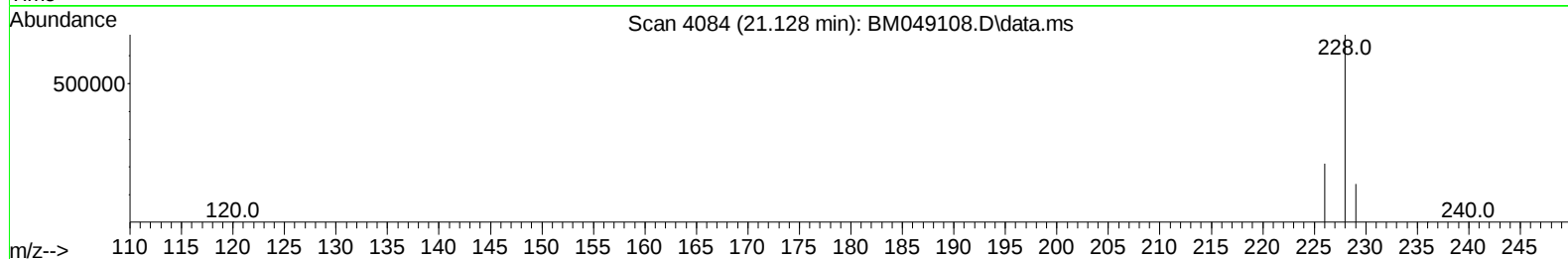
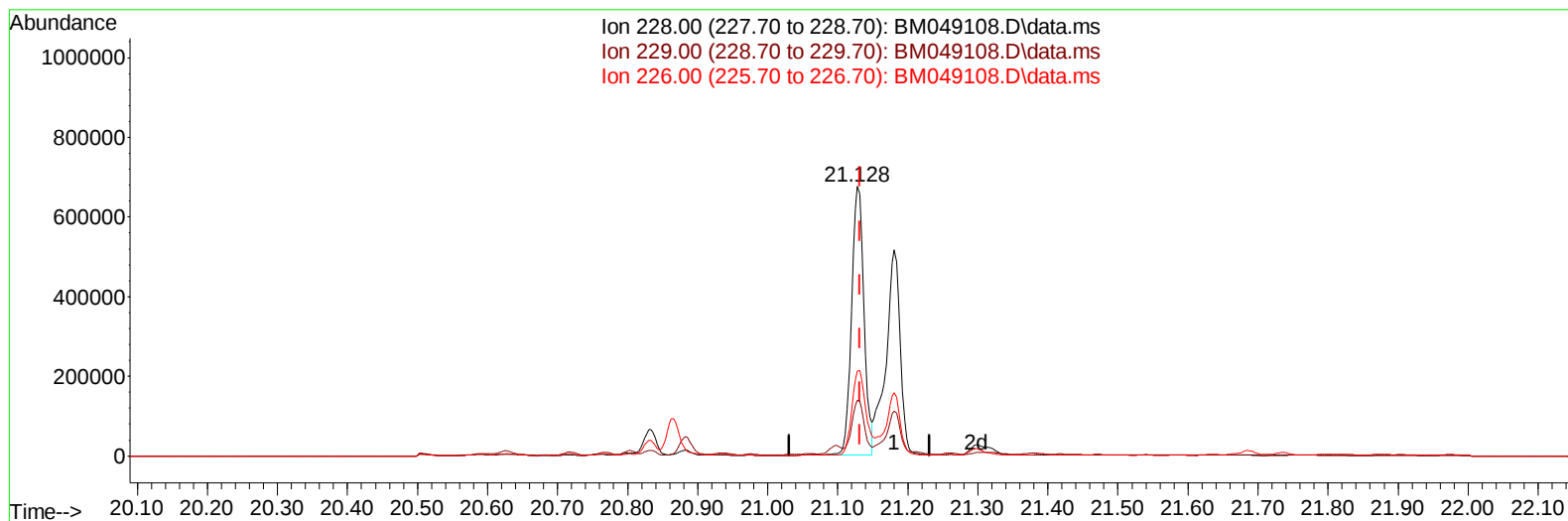
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(21) Benzo(a)anthracene

21.128min (-0.003) 9.88 ng/u1 m

response 833307

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.64
226.00	28.30	31.42
0.00	0.00	0.00

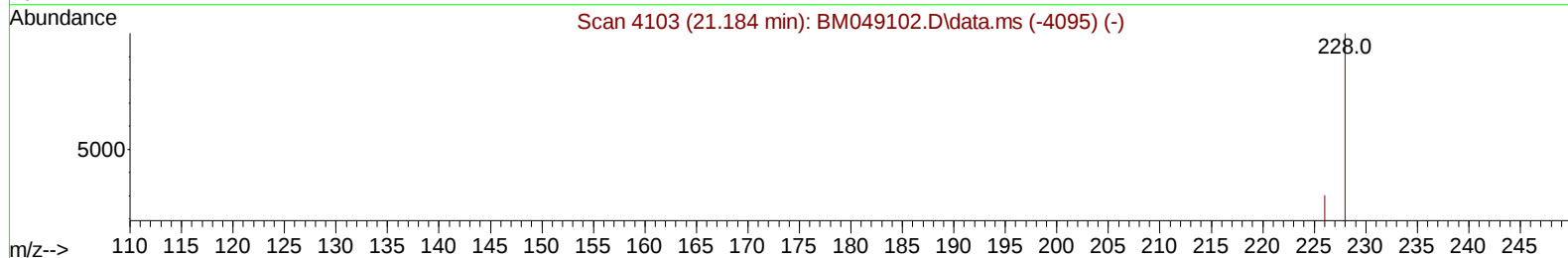
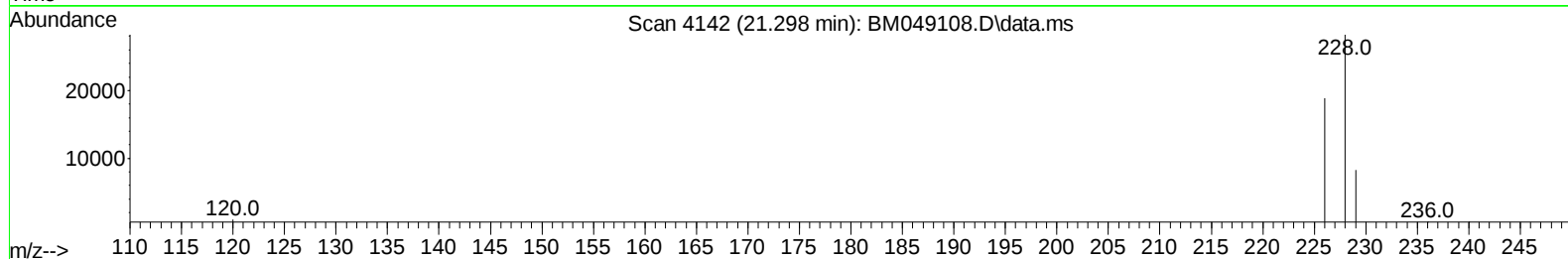
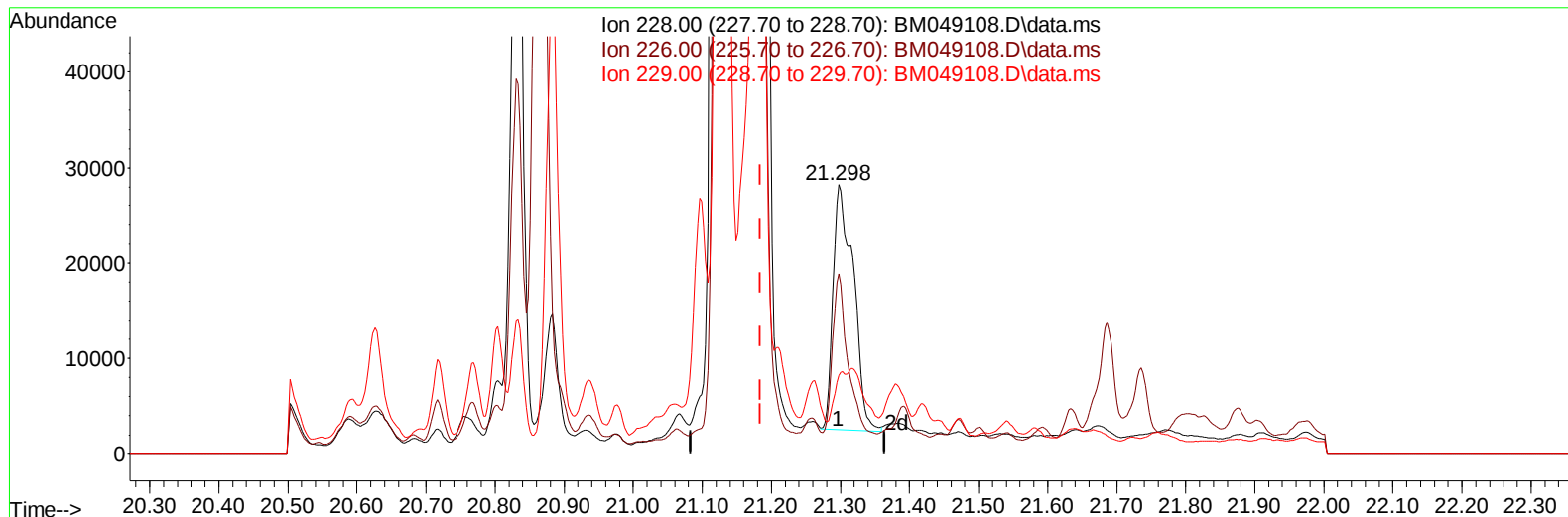
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049108.D
 Acq On : 20 Dec 2024 19:49
 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(22) Chrysene

21.298min (+ 0.113) 0.58 ng/u1

response 52159

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	66.84#
229.00	19.80	29.21#
0.00	0.00	0.00

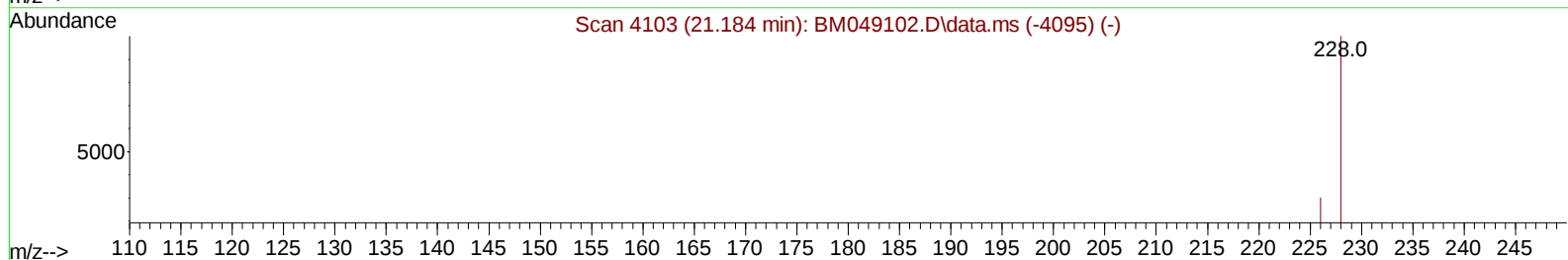
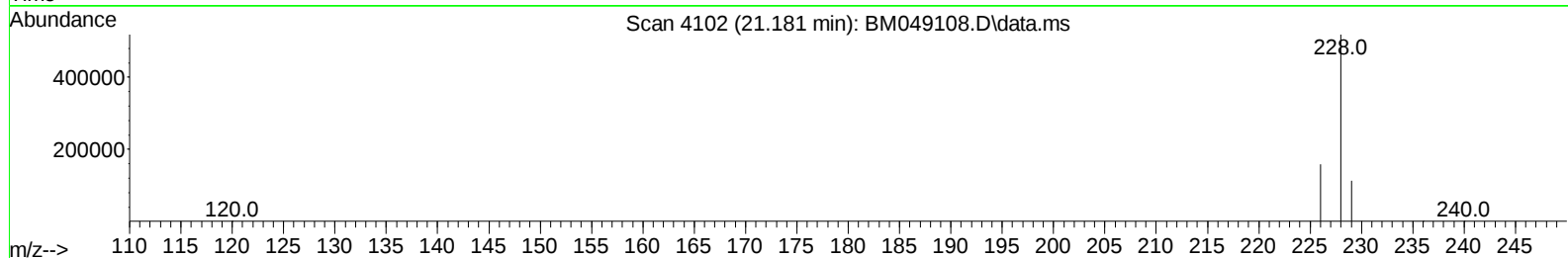
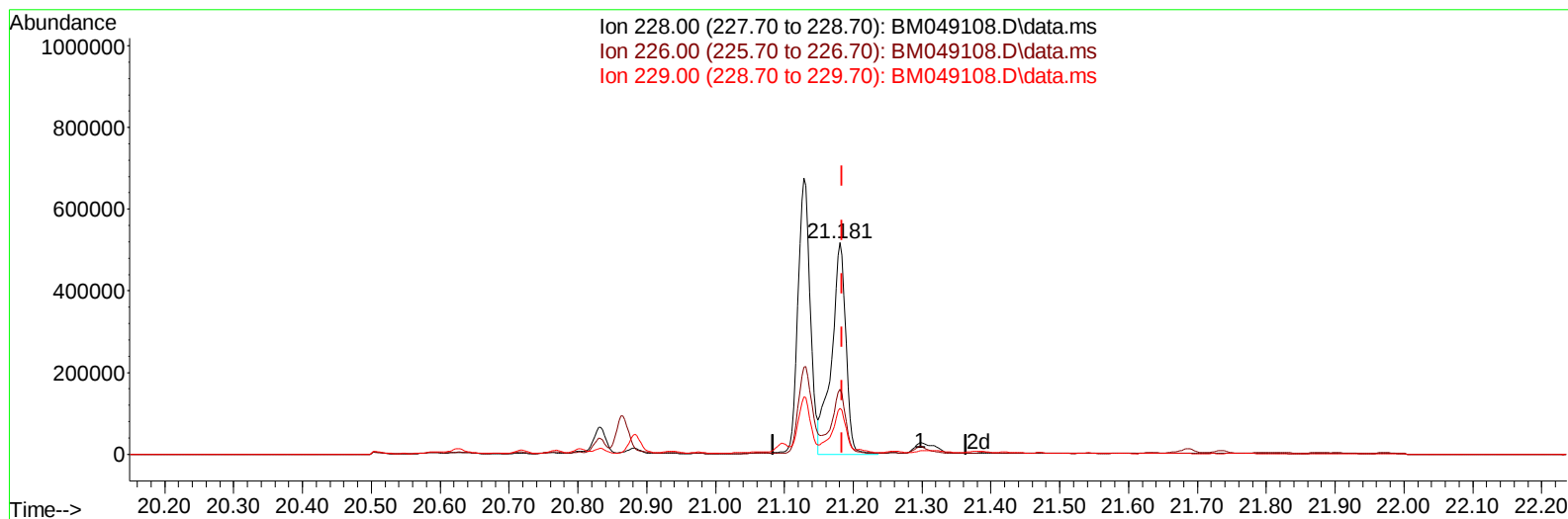
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(22) Chrysene

21.181min (-0.003) 8.33 ng/u1 m

response 753942

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	30.62
229.00	19.80	21.83
0.00	0.00	0.00

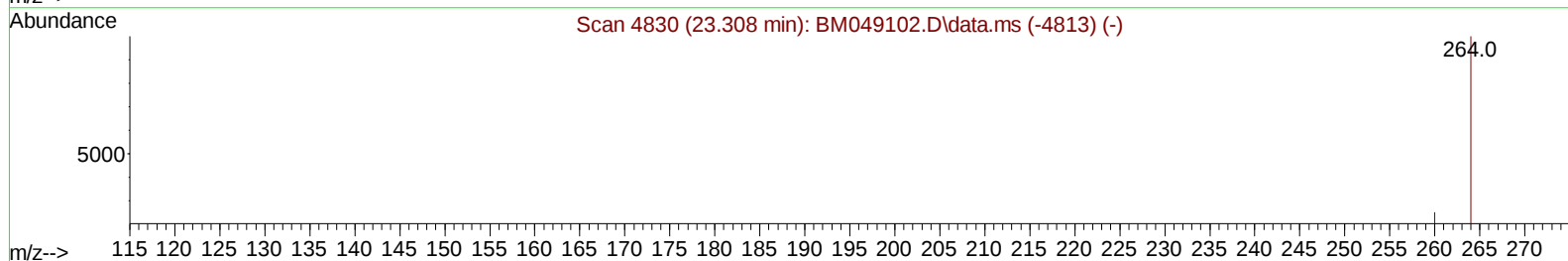
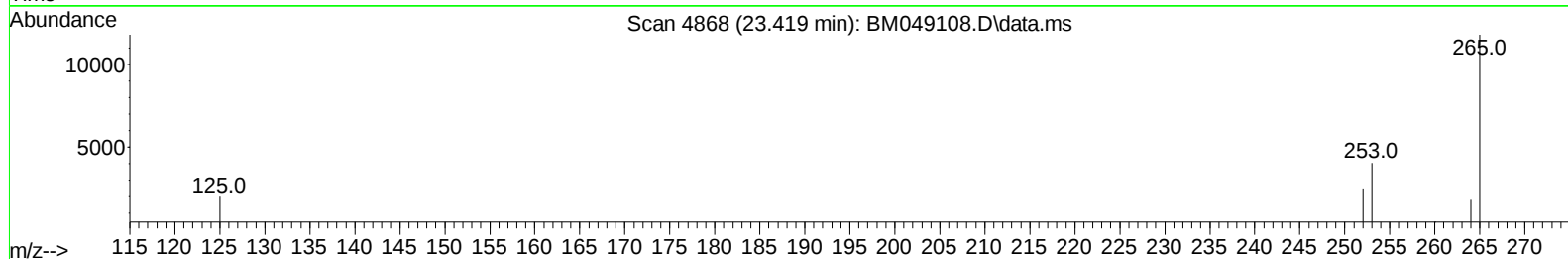
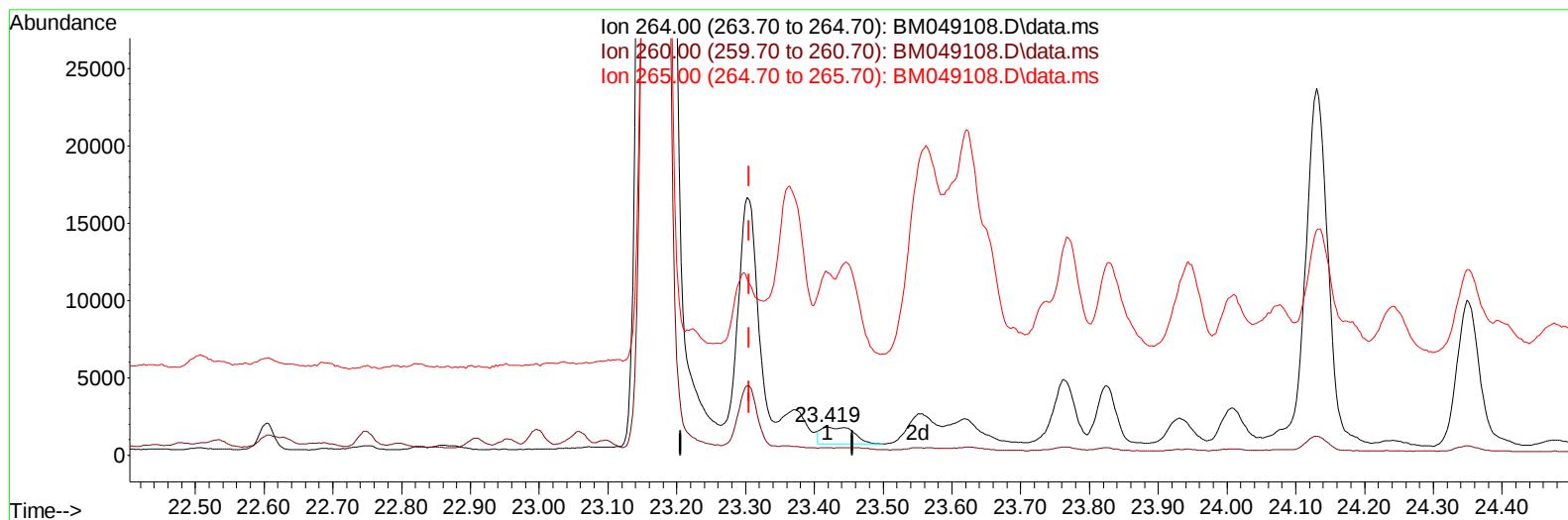
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(23) Perylene-d12 (I)

23.419min (+ 0.114) 0.40 ng/u1

response 3584

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.87
265.00	78.30	650.69#
0.00	0.00	0.00

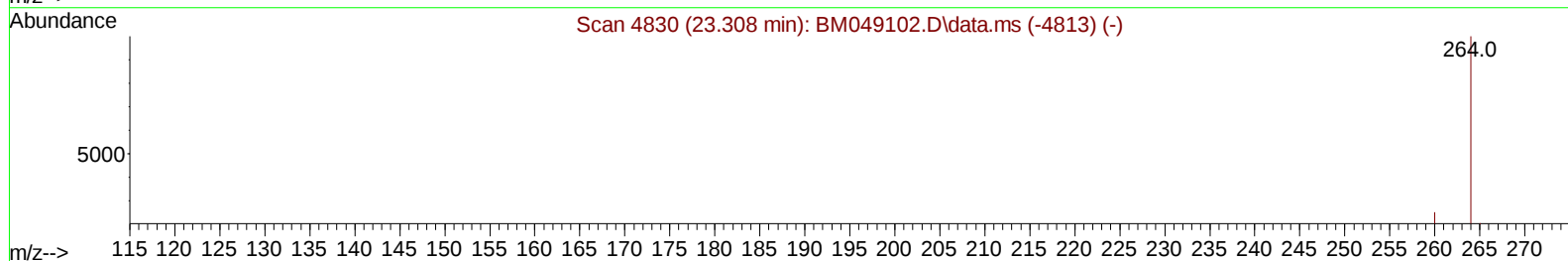
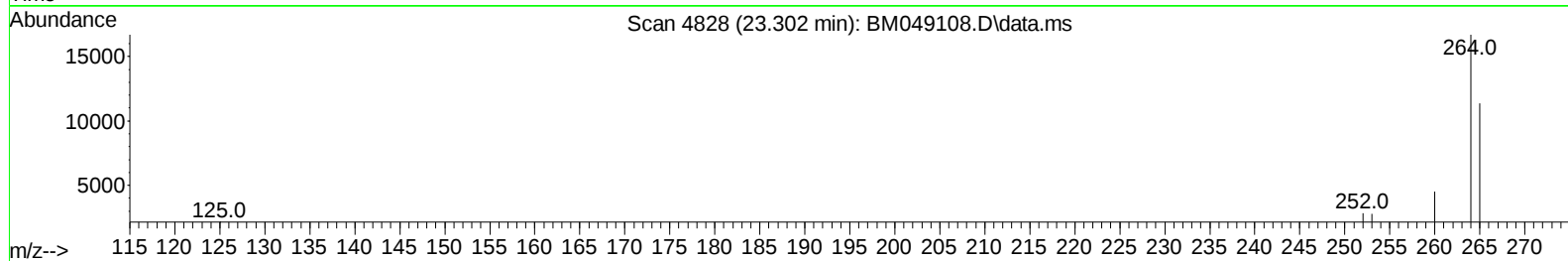
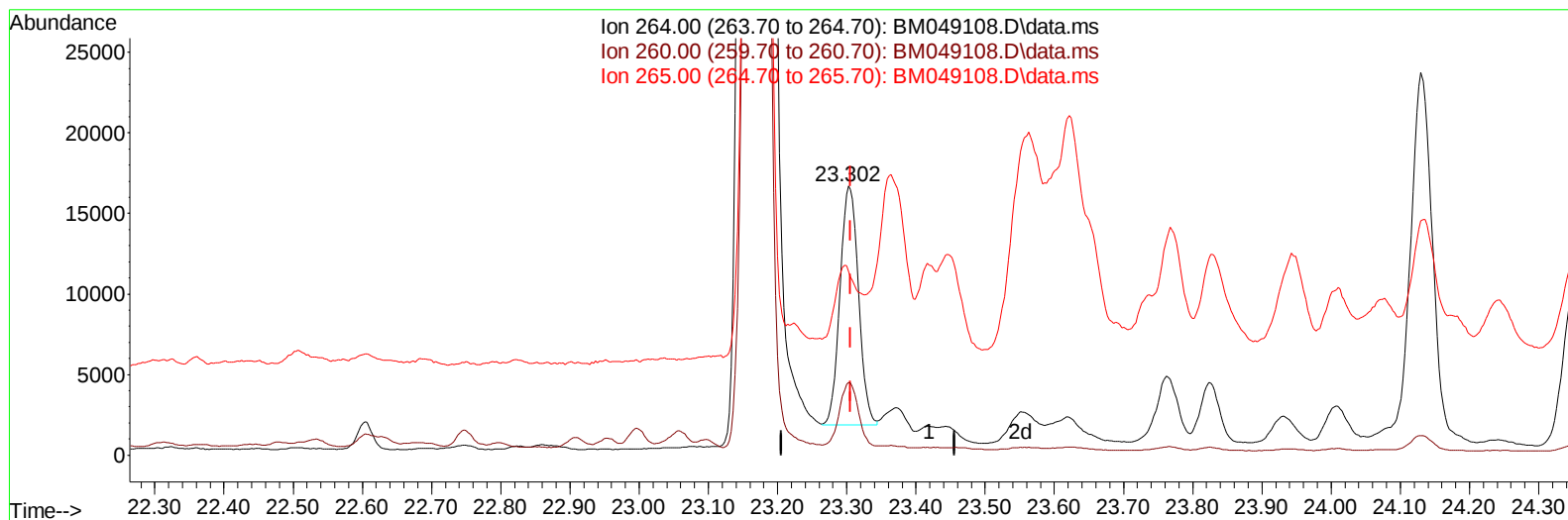
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(23) Perylene-d12 (I)

23.302min (-0.003) 0.40 ng/ul m

response 27411

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.92
265.00	78.30	68.16
0.00	0.00	0.00

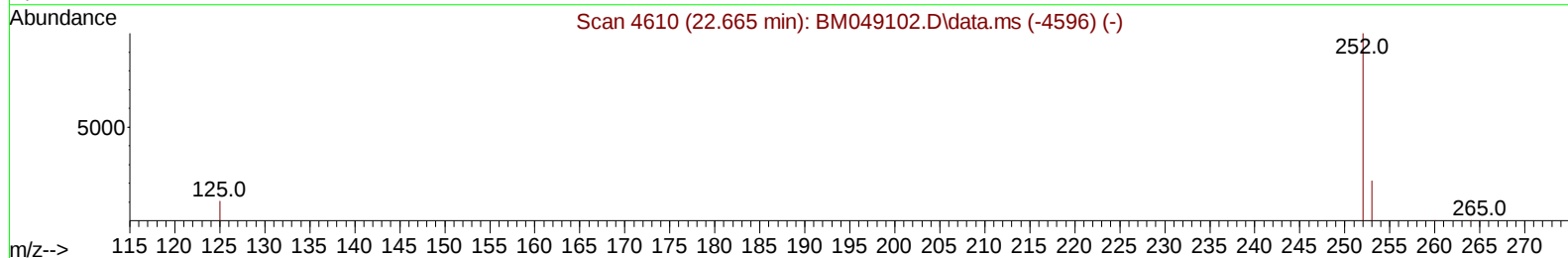
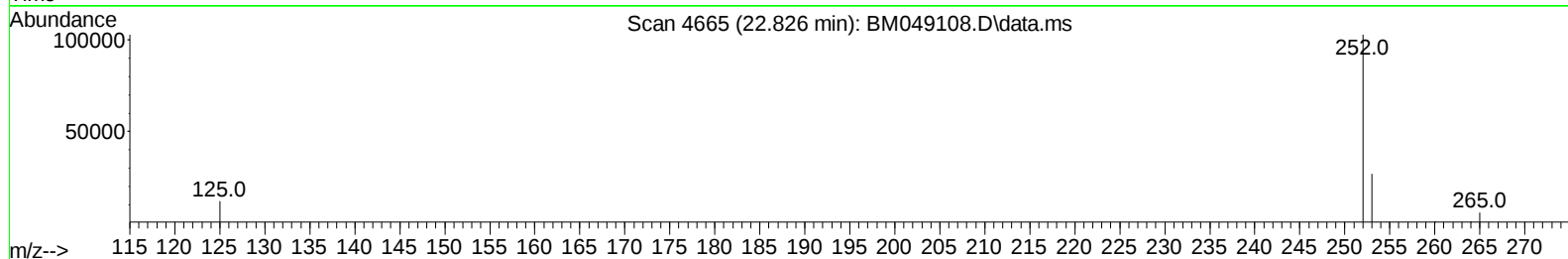
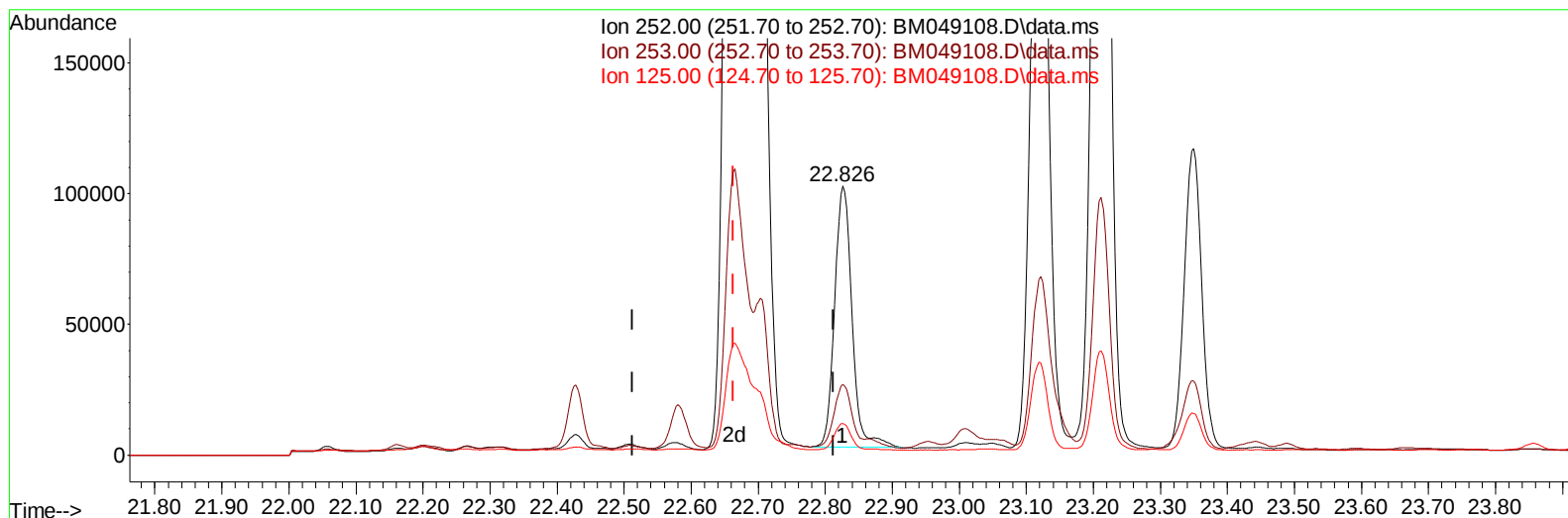
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049108.D
 Acq On : 20 Dec 2024 19:49
 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(24) Benzo(b)fluoranthene

22.826min (+ 0.163) 2.06 ng/u1

response 180738

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	26.23
125.00	15.40	11.75
0.00	0.00	0.00

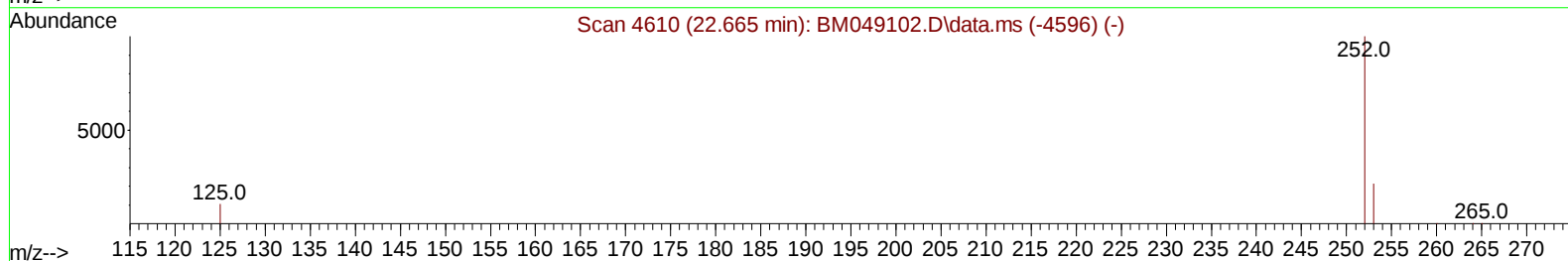
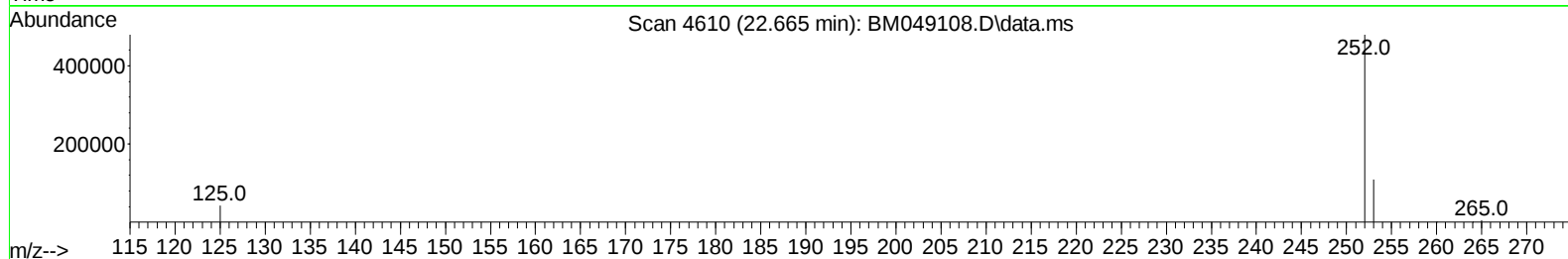
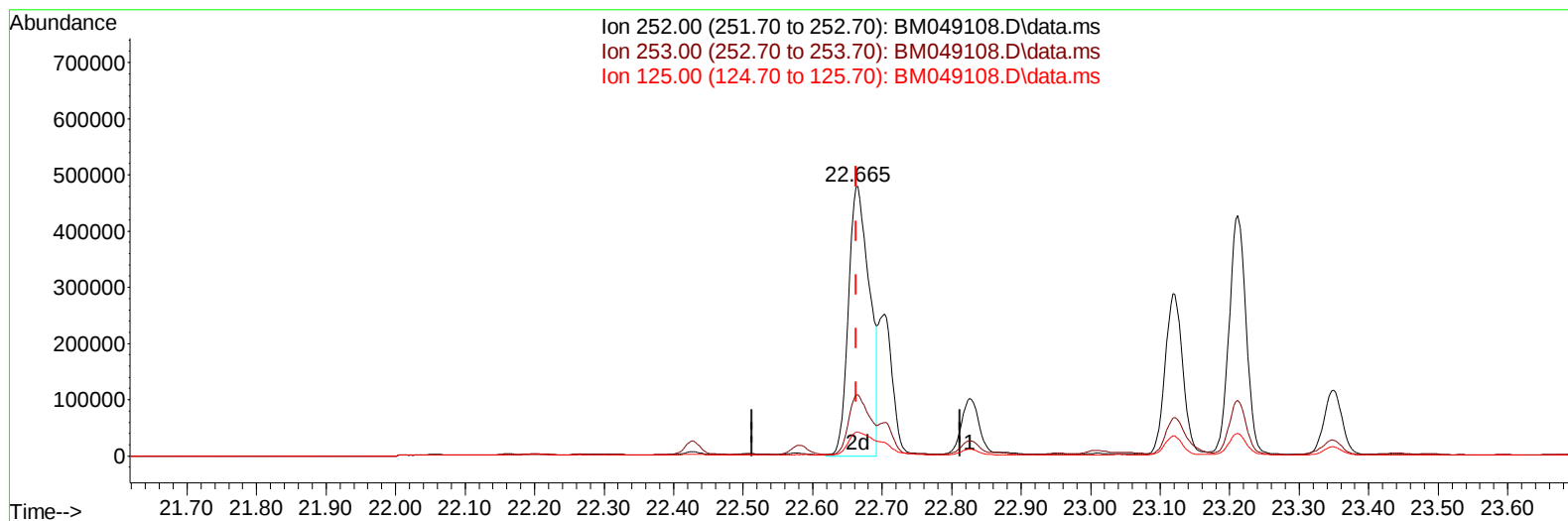
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049108.D
 Acq On : 20 Dec 2024 19:49
 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(24) Benzo(b)fluoranthene

22.665min (+ 0.003) 11.53 ng/ul m

response 1009654

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	22.83
125.00	15.40	8.92
0.00	0.00	0.00

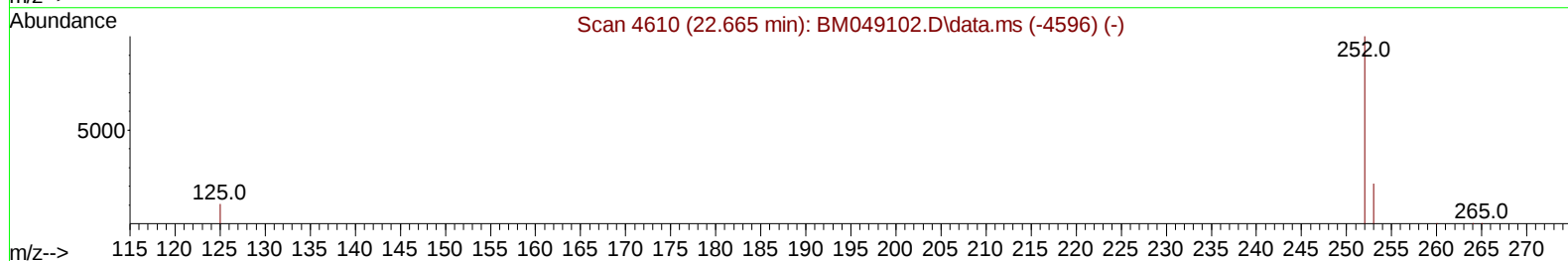
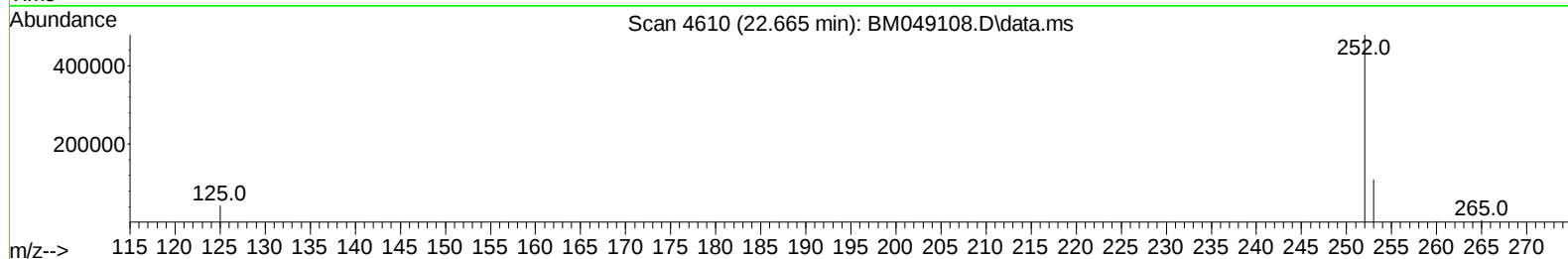
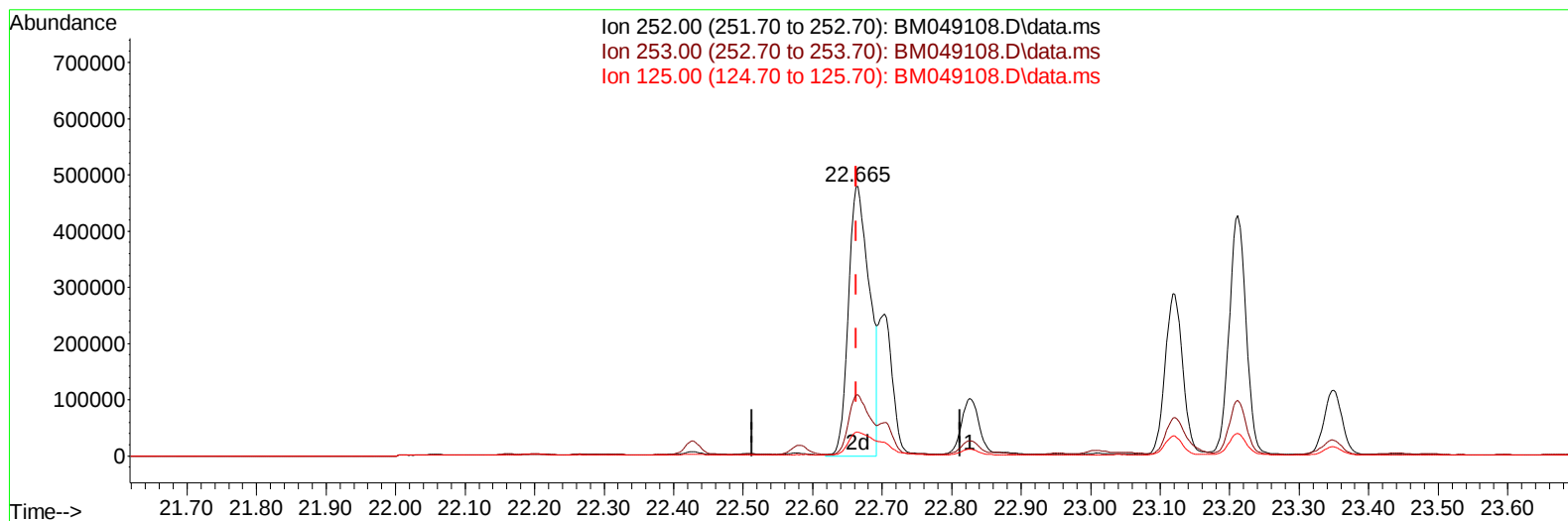
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049108.D
 Acq On : 20 Dec 2024 19:49
 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(24) Benzo(b)fluoranthene

22.665min (+ 0.003) 11.53 ng/ul m

response 1009654

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	22.83
125.00	15.40	8.92
0.00	0.00	0.00

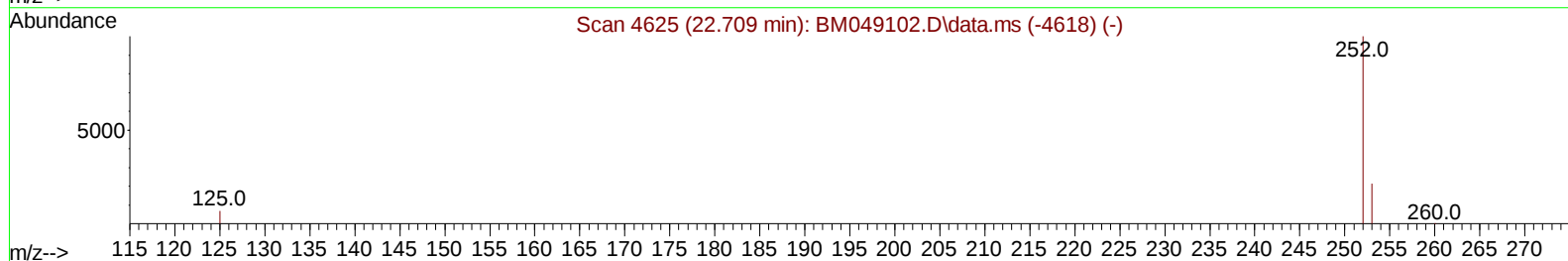
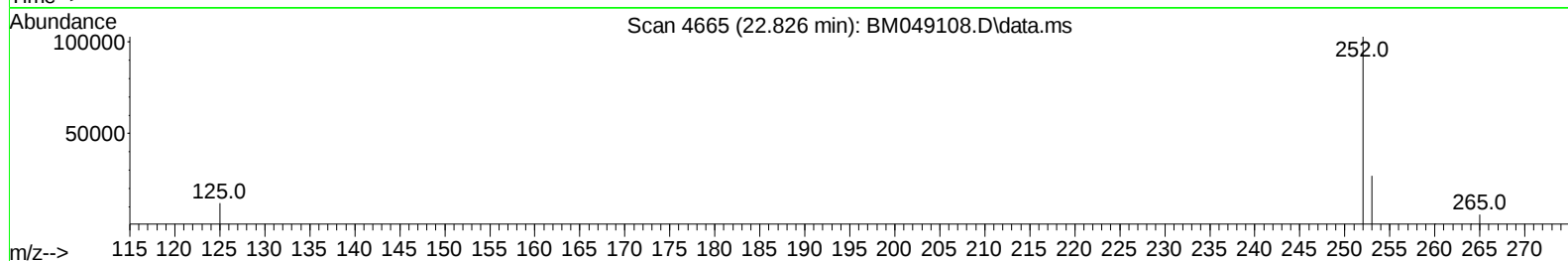
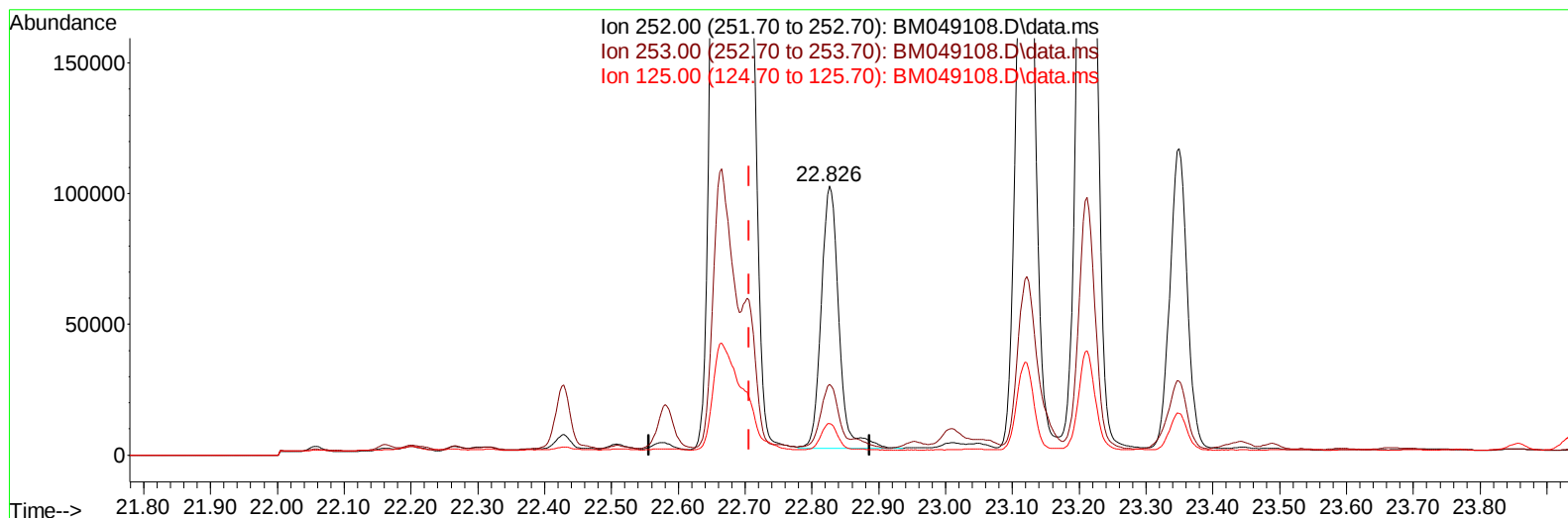
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(25) Benzo(k)fluoranthene

22.826min (+ 0.119) 1.91 ng/u1

response 183119

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	26.23
125.00	15.70	11.75#
0.00	0.00	0.00

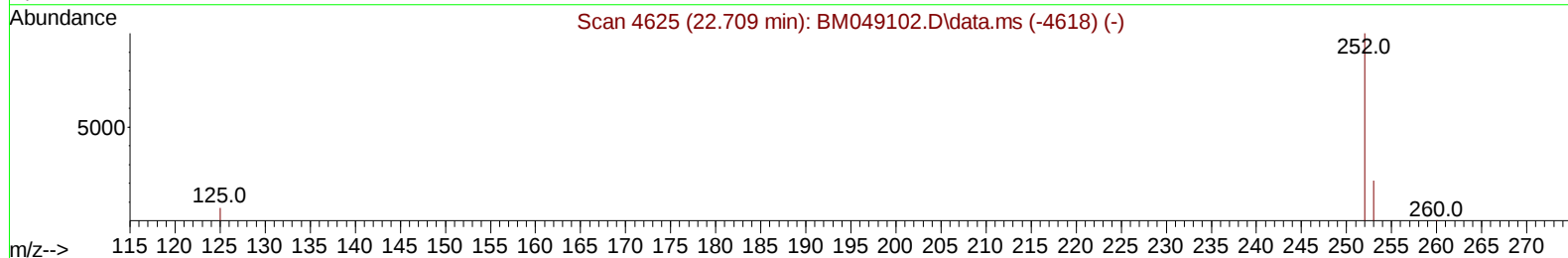
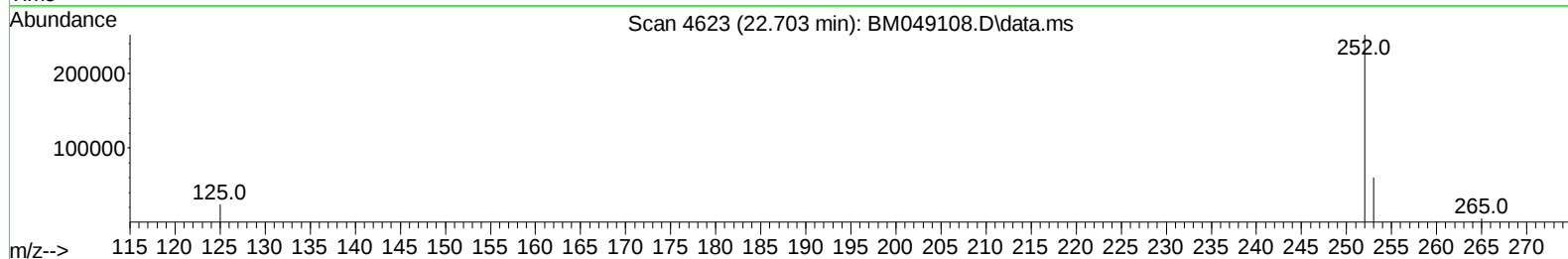
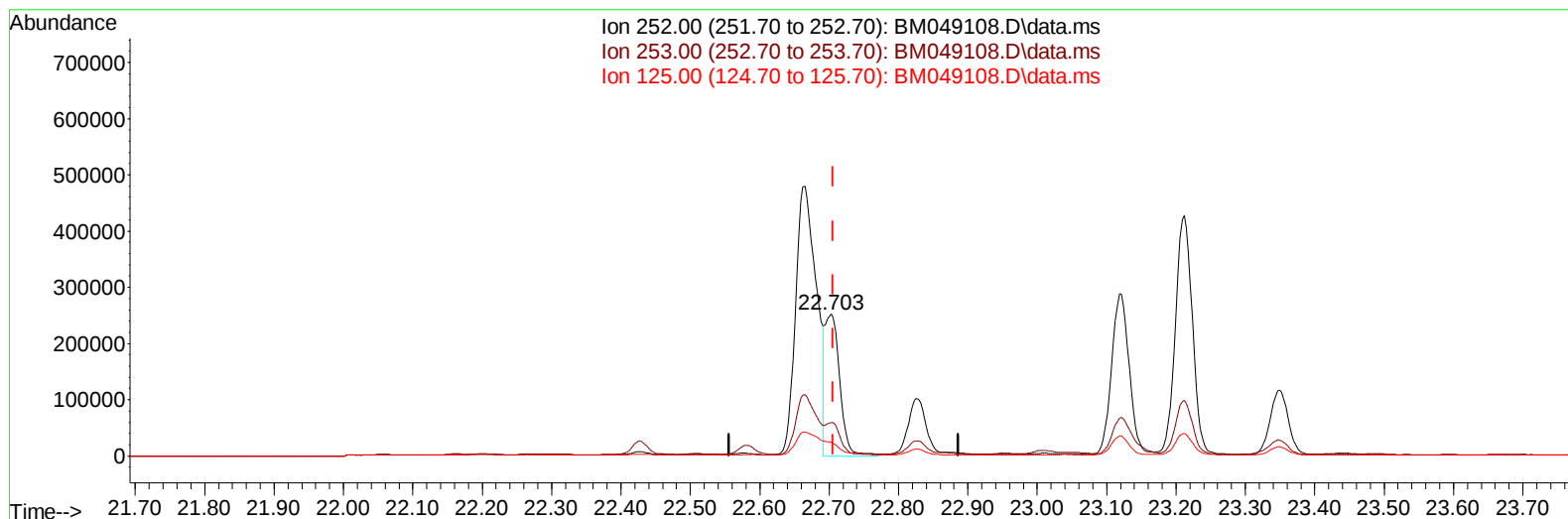
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(25) Benzo(k)fluoranthene

22.703min (-0.003) 3.83 ng/u1 m

response 367614

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	23.76
125.00	15.70	9.59#
0.00	0.00	0.00

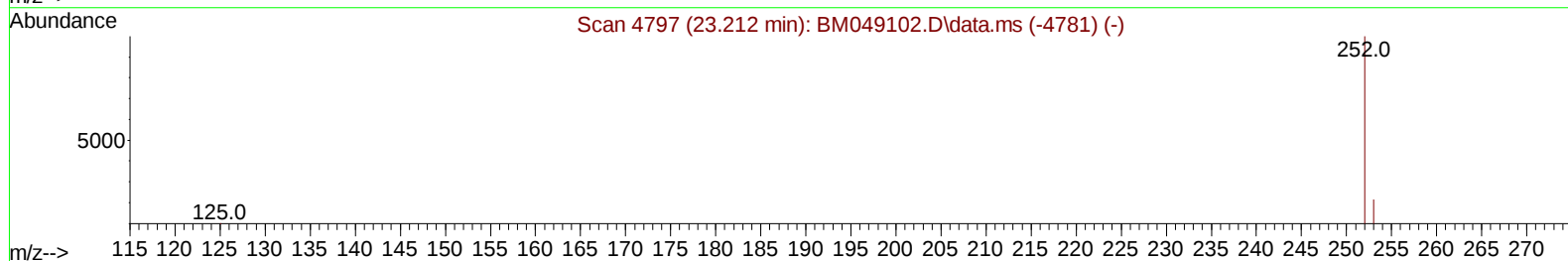
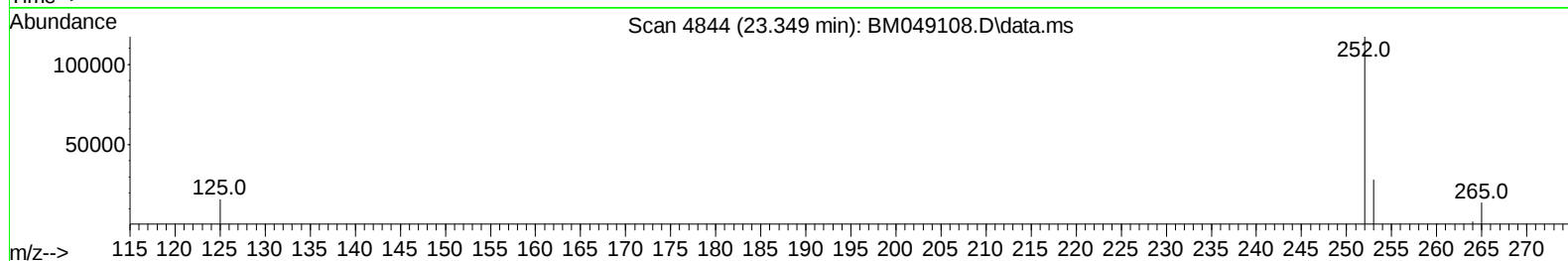
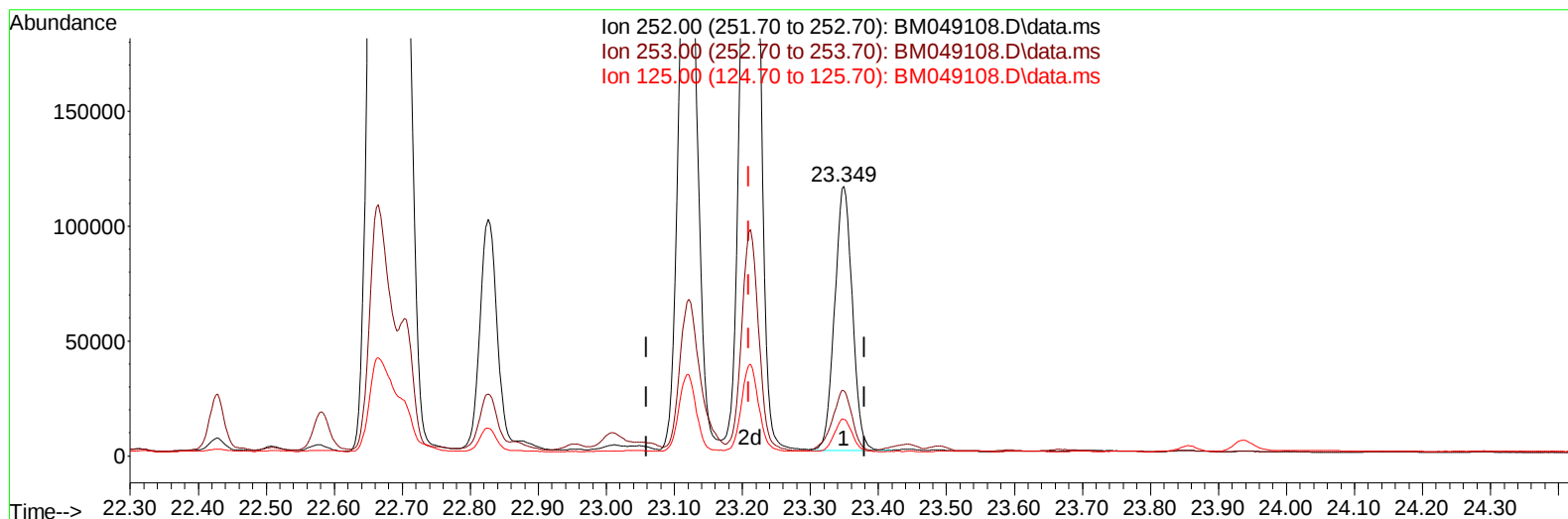
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(26) Benzo(a)pyrene (C)

23.349min (+ 0.140) 2.47 ng/u1

response 207645

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	24.11
125.00	18.50	13.66#
0.00	0.00	0.00

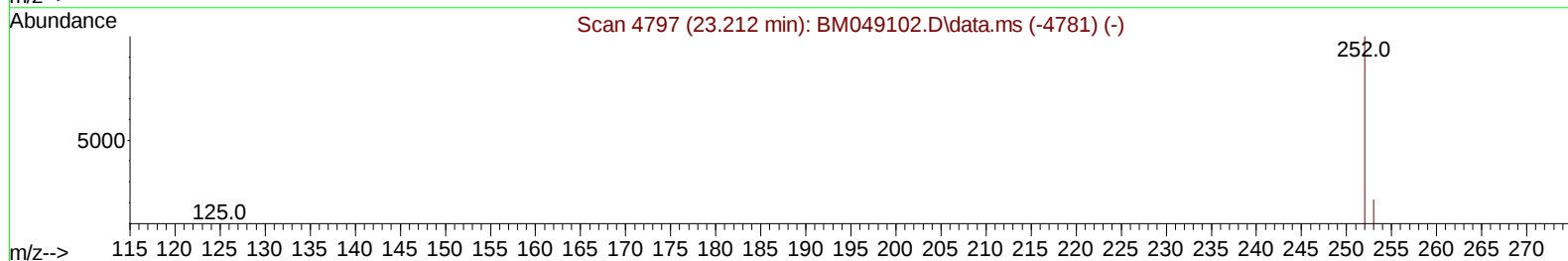
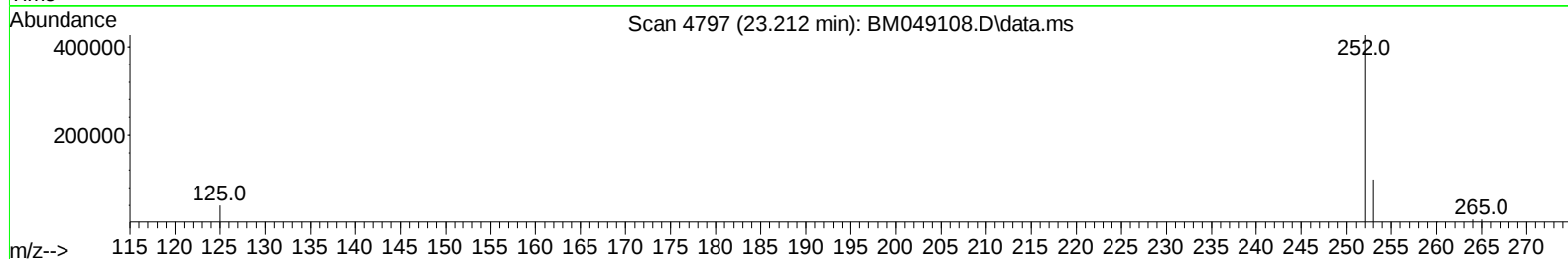
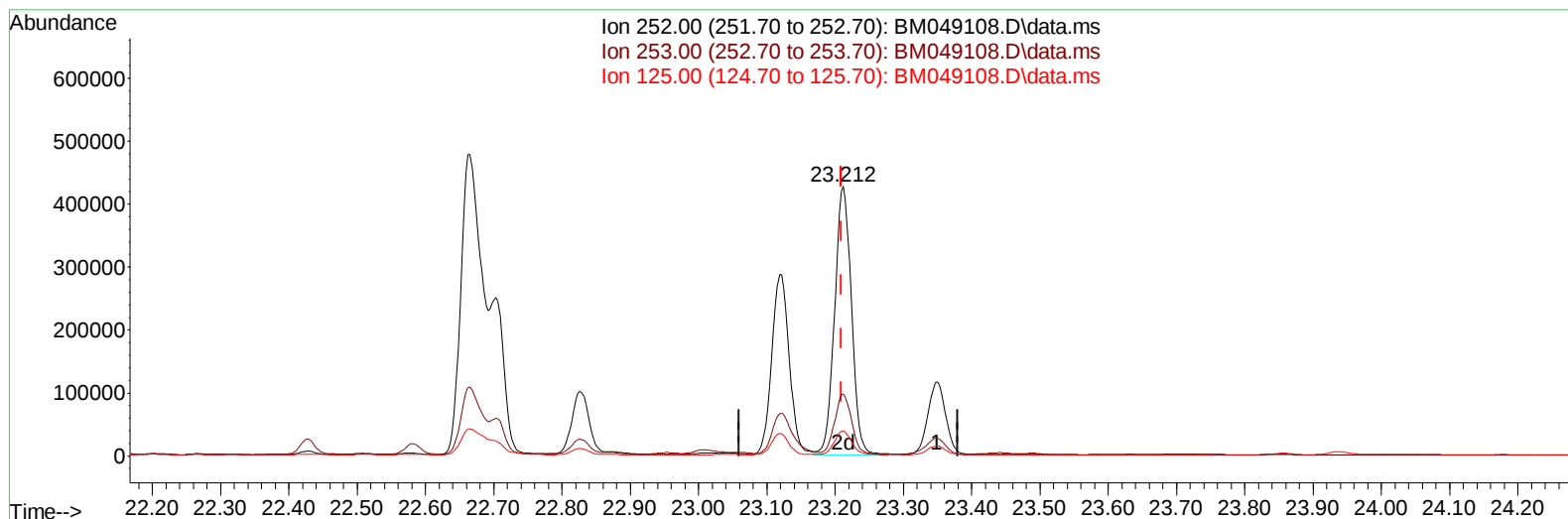
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 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: BM049108.D\data.ms

(26) Benzo(a)pyrene (C)

23.212min (+ 0.003) 8.69 ng/u1 m

response 729987

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	23.02
125.00	18.50	9.32#
0.00	0.00	0.00

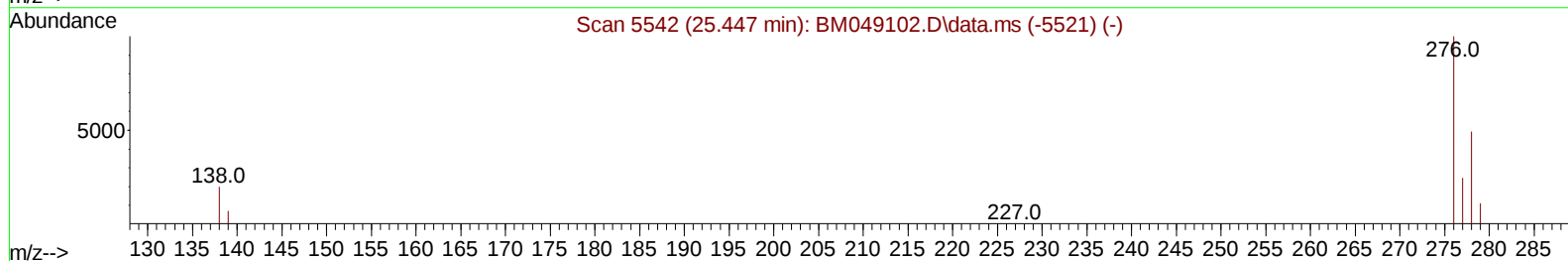
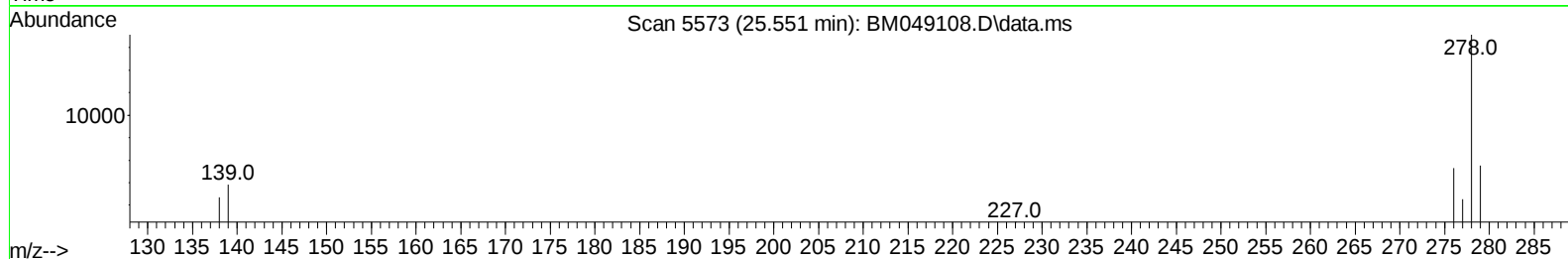
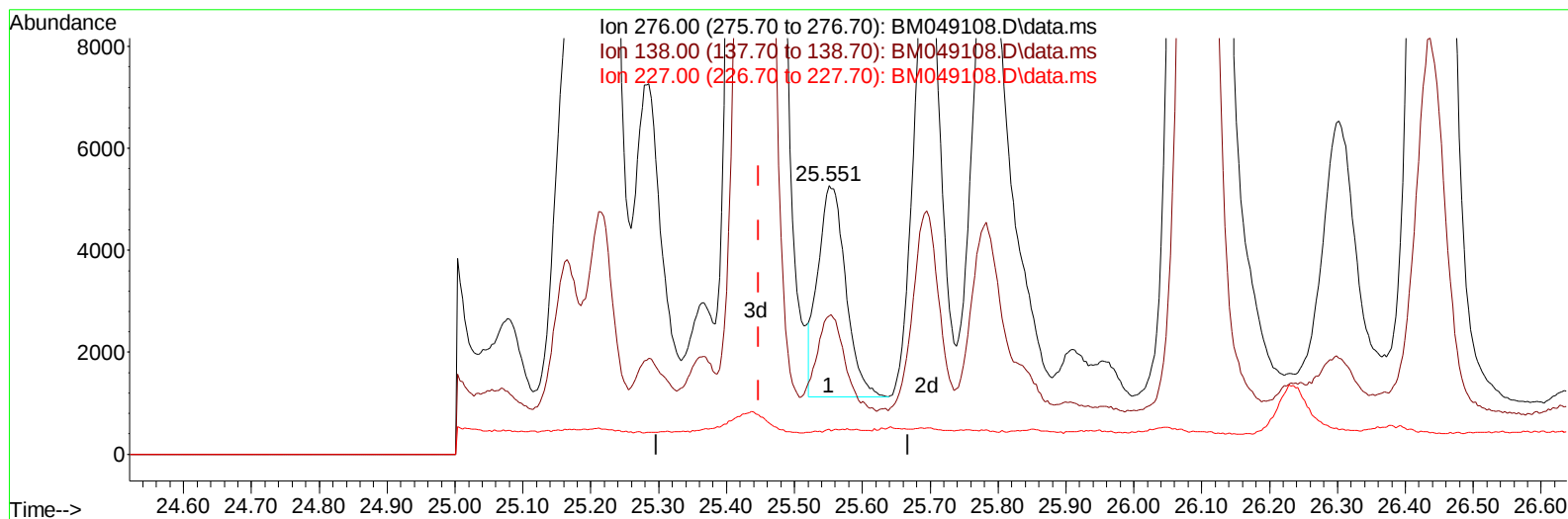
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049108.D
 Acq On : 20 Dec 2024 19:49
 Operator : RC/JU
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y8

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/24/2024



TIC: BM049108.D\data.ms

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

25.551min (+ 0.104) 0.10 ng/u1

response 11886

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	47.16#
227.00	0.20	0.34#
0.00	0.00	0.00

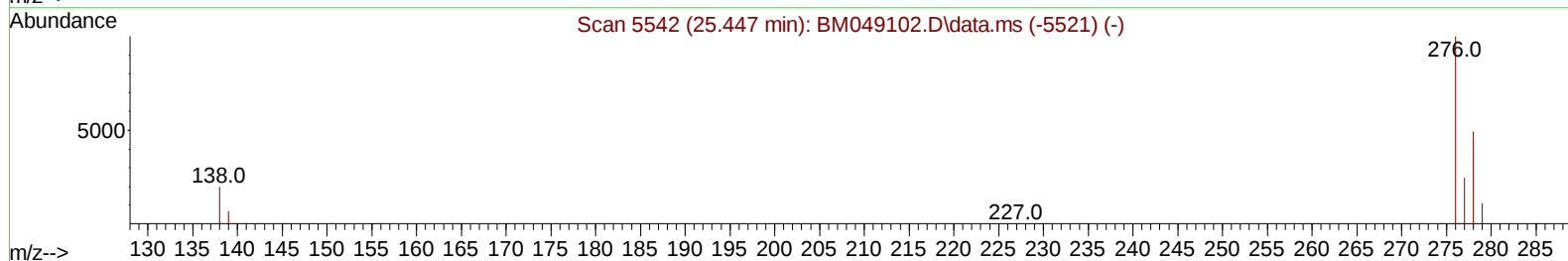
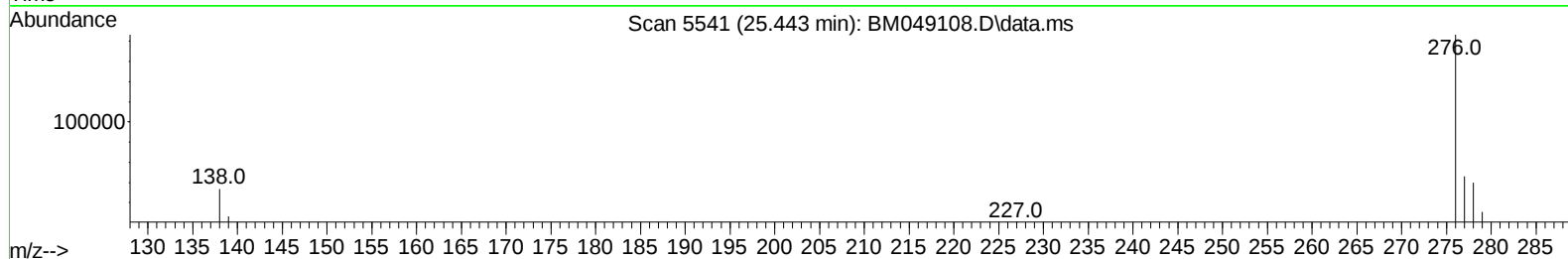
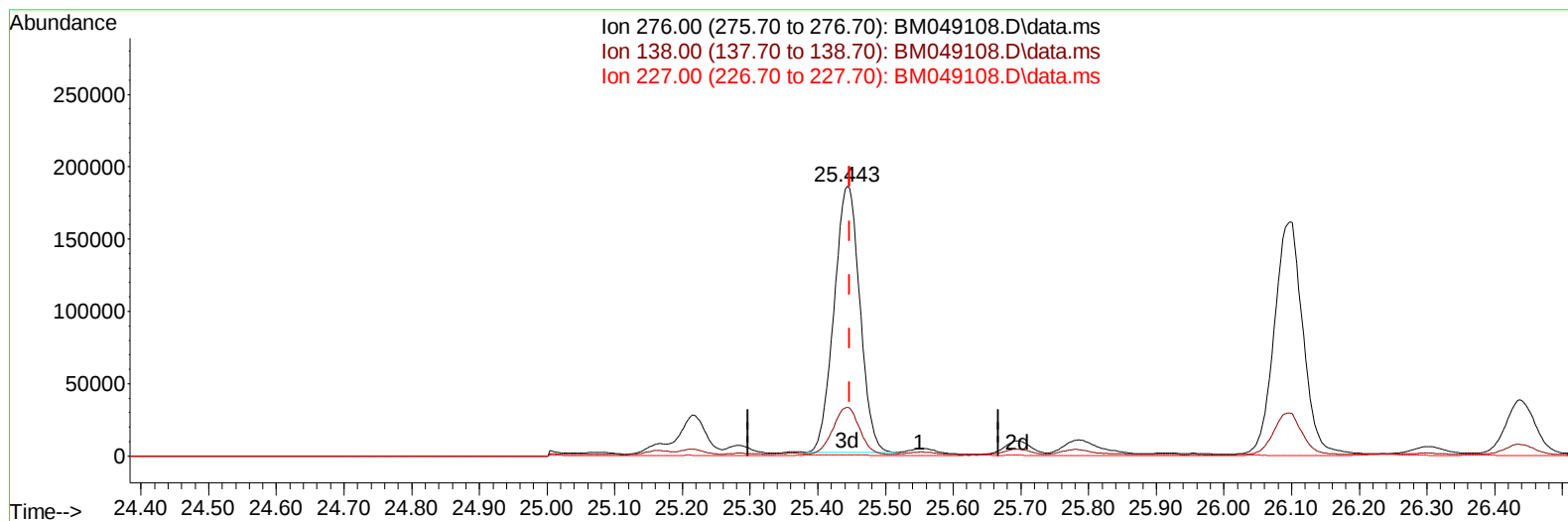
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049108.D
 Acq On : 20 Dec 2024 19:49
 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 2024
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 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: BM049108.D\data.ms

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

25.443min (-0.004) 4.10 ng/ul m

response 487504

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	1.15#
227.00	0.20	0.01#
0.00	0.00	0.00

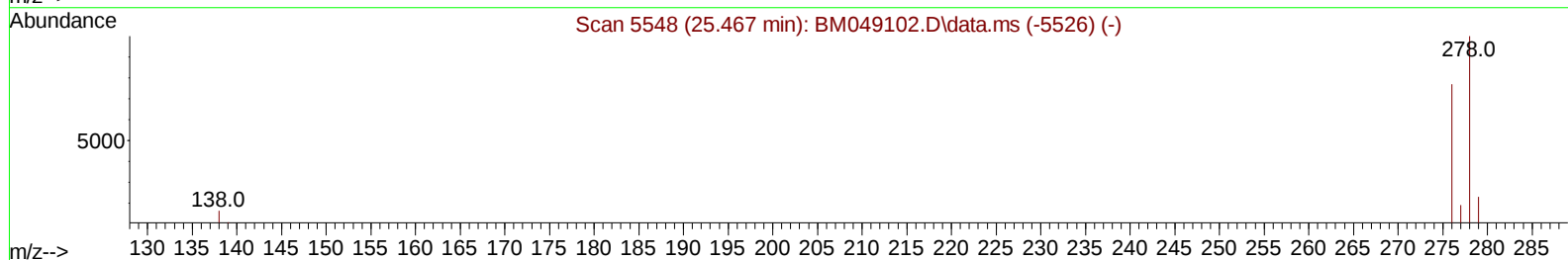
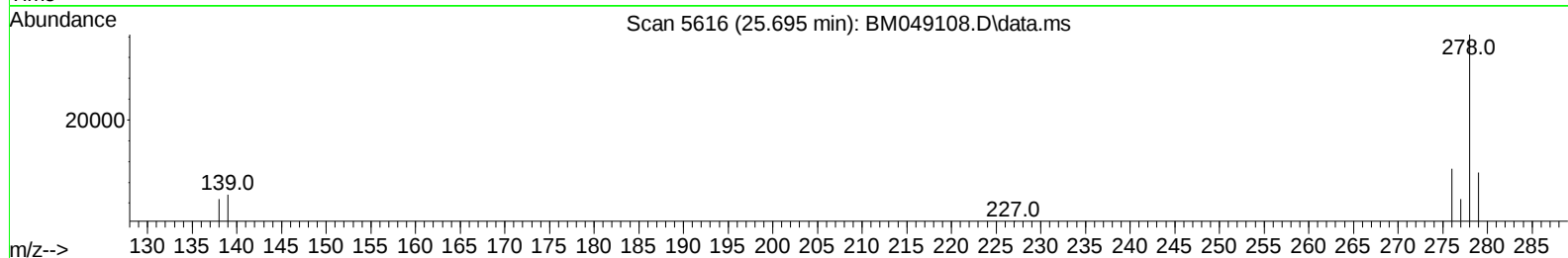
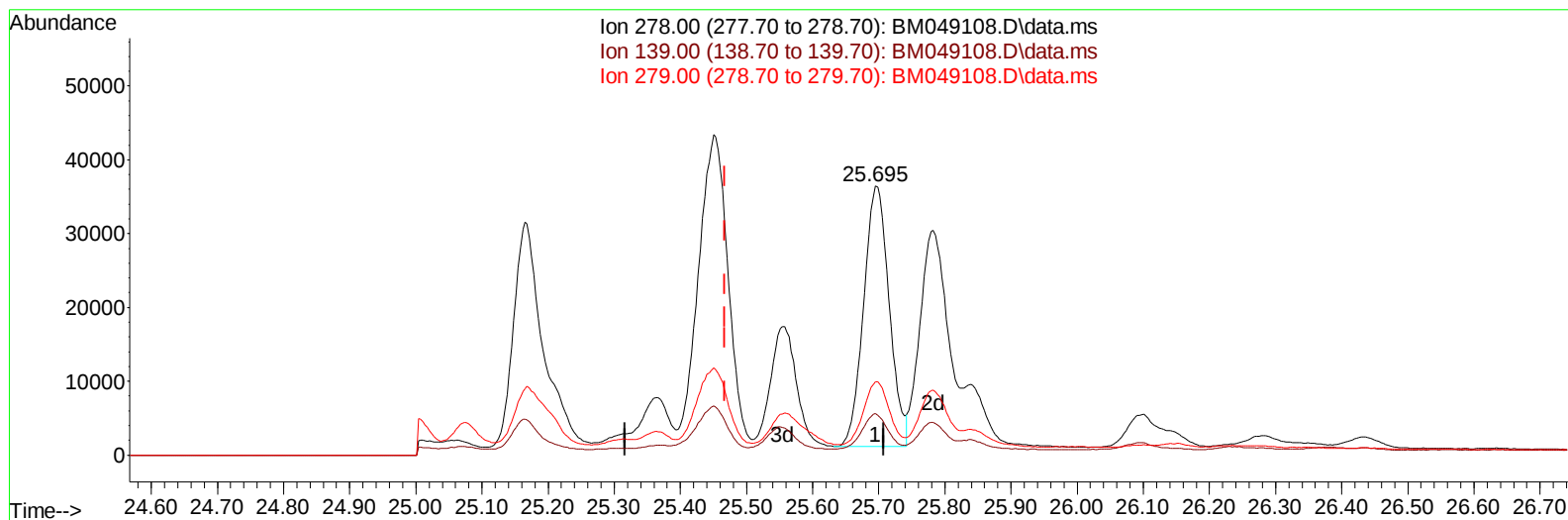
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 2024
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QLast Update : Wed Dec 18 15:33:13 2024
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Supervised By :mohammad ahmed 12/24/2024



TIC: BM049108.D\data.ms

(28) Dibenzo(a,h)anthracene

25.695min (+ 0.228) 1.03 ng/u1

response 95249

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	15.35
279.00	26.90	27.24
0.00	0.00	0.00

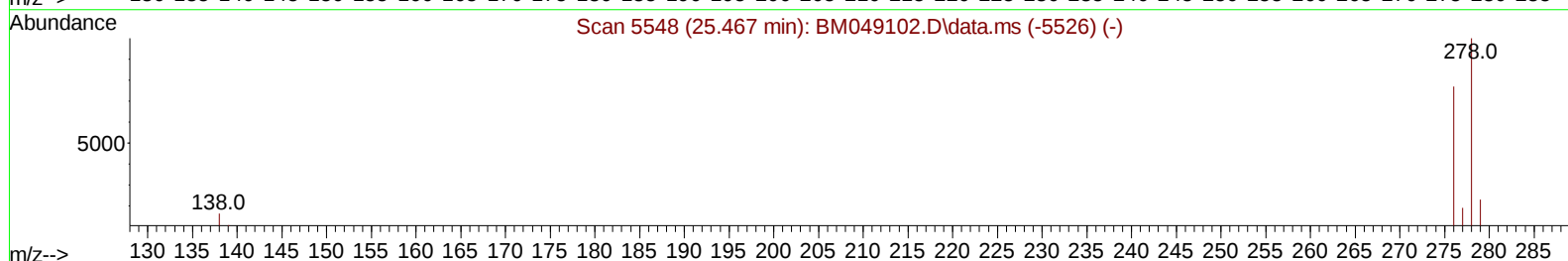
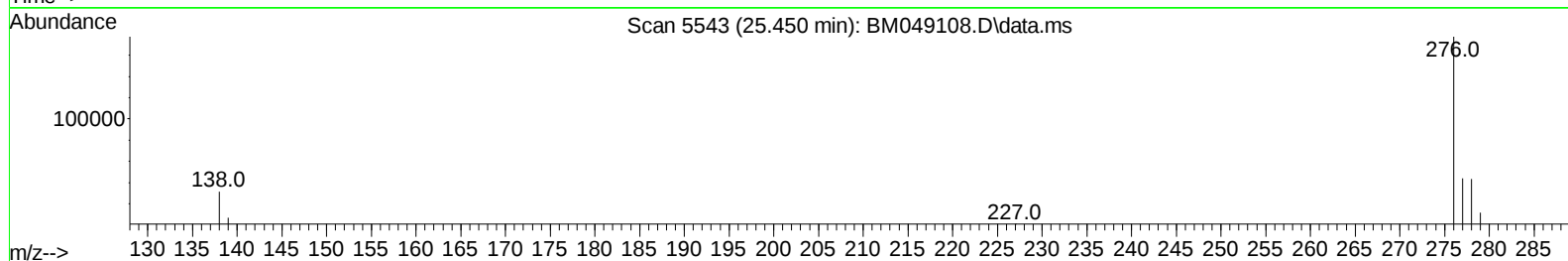
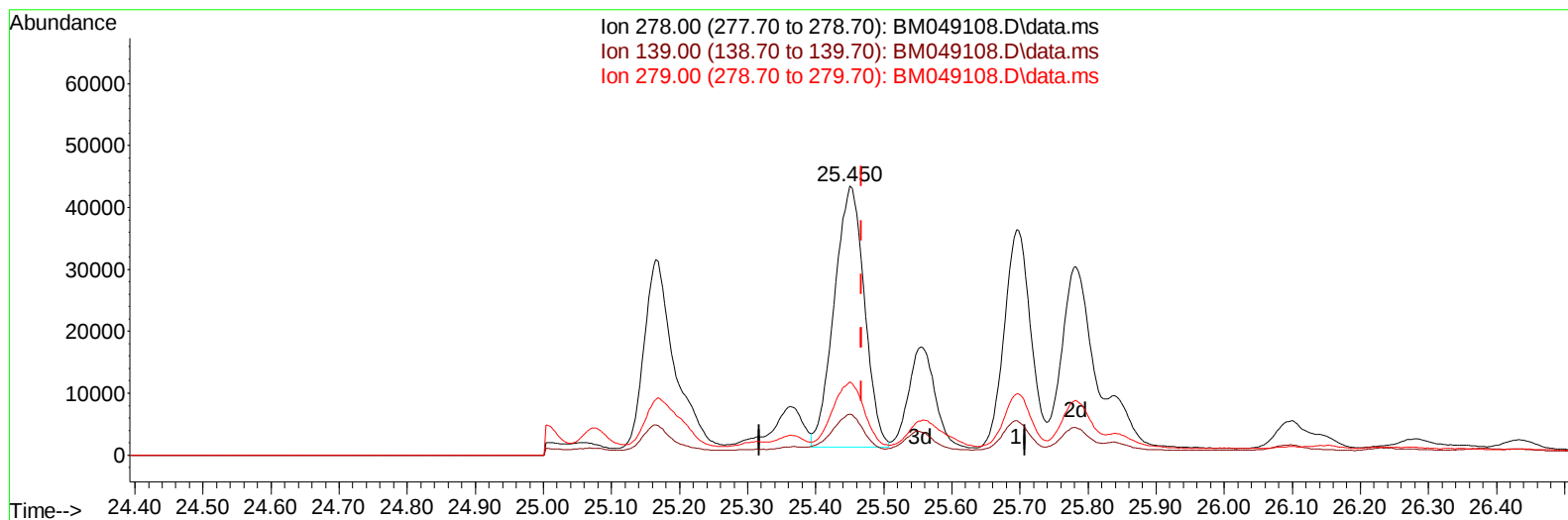
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

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TIC: BM049108.D\data.ms

(28) Dibenzo(a,h)anthracene

25.450min (-0.017) 1.40 ng/ul m

response 129533

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	15.33
279.00	26.90	27.16
0.00	0.00	0.00

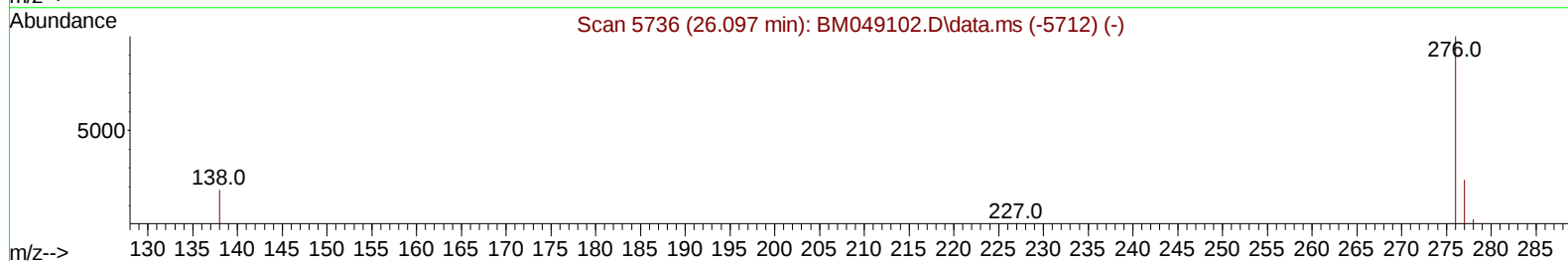
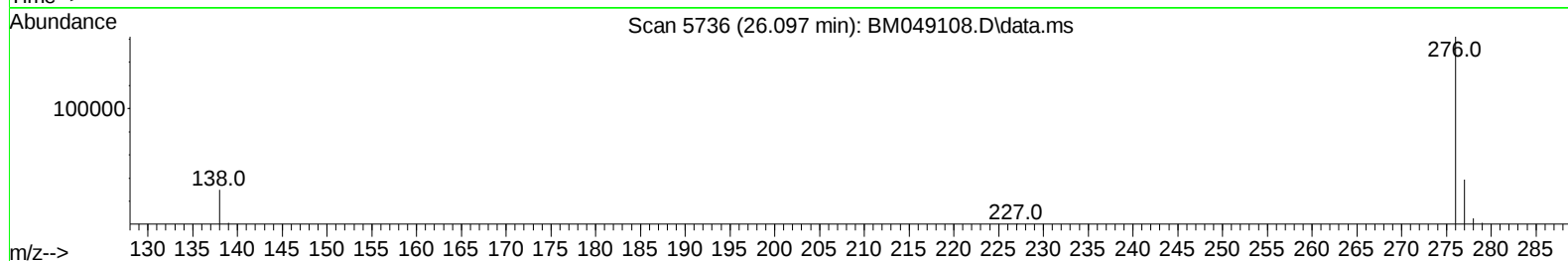
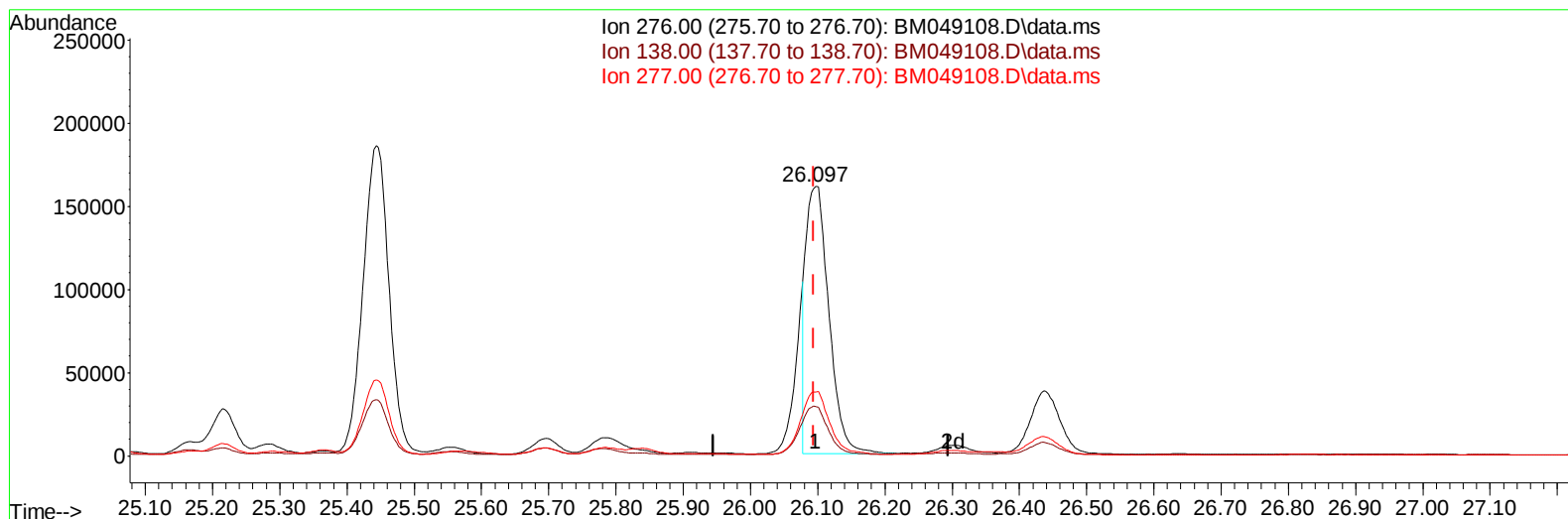
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

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TIC: BM049108.D\data.ms

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

26.097min (+ 0.003) 3.97 ng/u1

response 379262

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	18.40
277.00	24.90	23.82
0.00	0.00	0.00

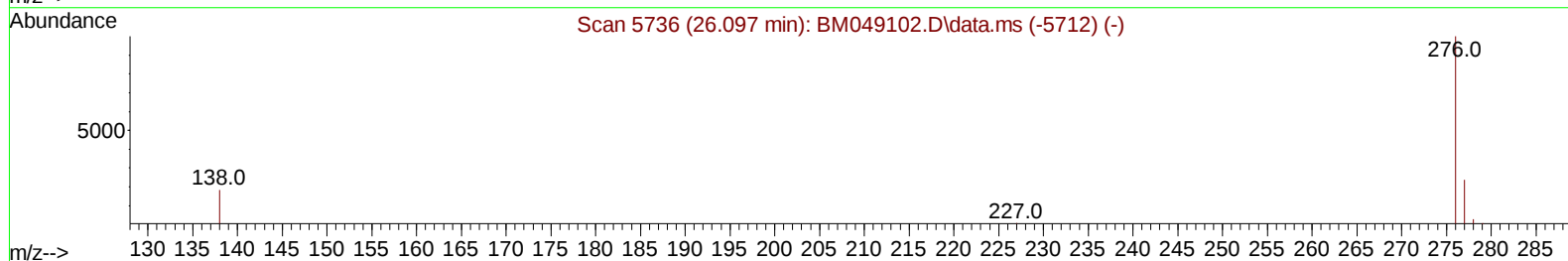
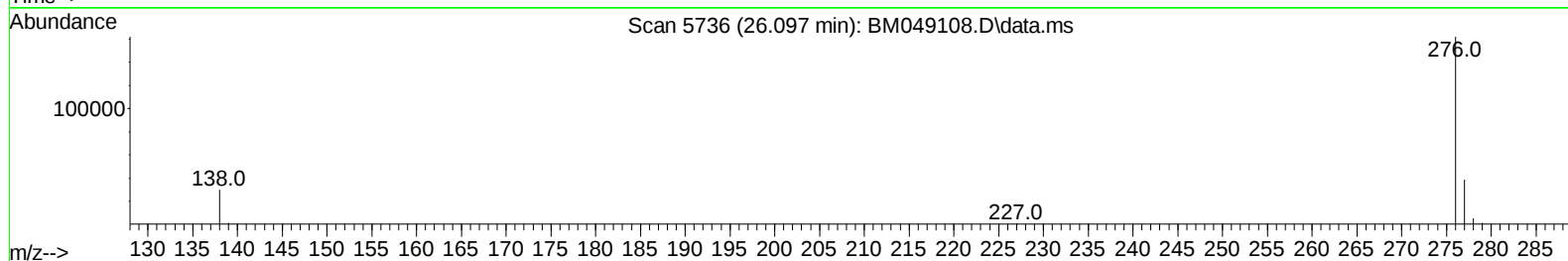
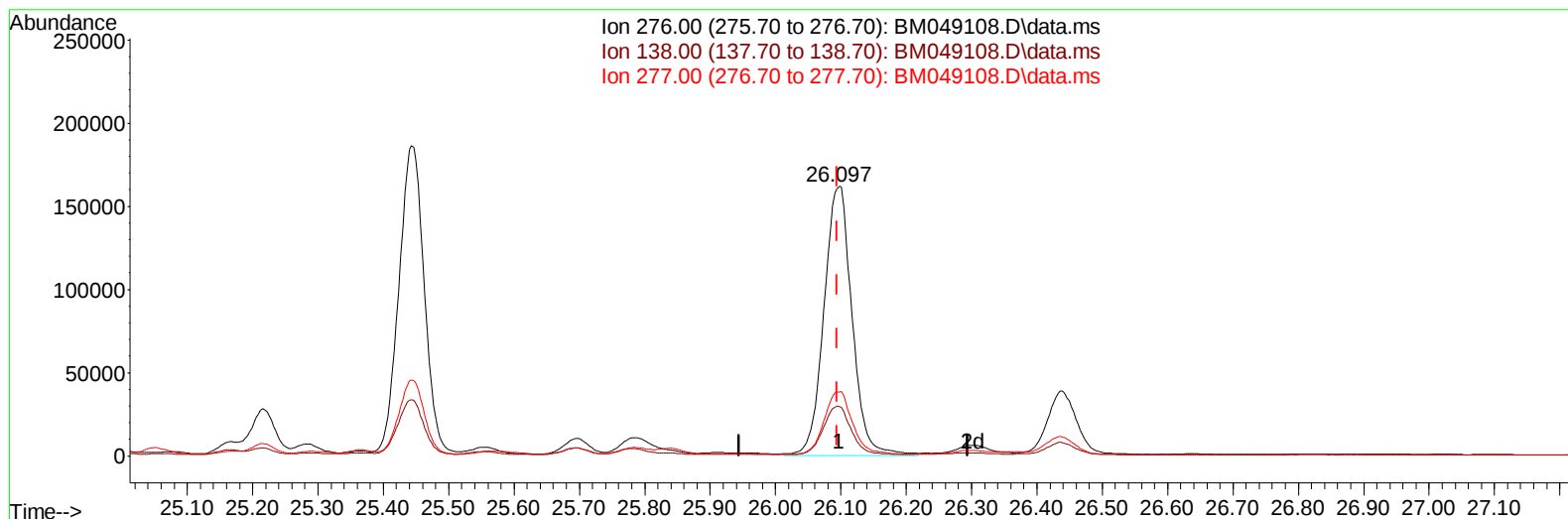
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:02 2024
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TIC: BM049108.D\data.ms

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

26.097min (+ 0.003) 5.06 ng/ul m

response 483536

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	18.40
277.00	24.90	23.82
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
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 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y8

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	8507	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	26152	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	14791	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	33684m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	24250m	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	27411m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	43384	4.422	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	10253	0.292	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	19966m	0.290	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.370	128	9538	0.146	ng/ul	97
7) 2-Methylnaphthalene	11.992	142	7867	0.190	ng/ul	98
8) 1-Methylnaphthalene	12.218	142	5597	0.132	ng/ul	98
10) Acenaphthylene	13.910	152	249126	4.064	ng/ul	99
11) Acenaphthene	14.257	153	10157	0.227	ng/ul	97
12) Fluorene	15.251	166	15994	0.317	ng/ul#	98
15) Phenanthrene	16.985	178	282161m	3.207	ng/ul	
16) Anthracene	17.074	178	165235m	2.046	ng/ul	
19) Fluoranthene	19.011	202	1550752m	17.687	ng/ul	
20) Pyrene	19.374	202	1387859m	14.843	ng/ul	
21) Benzo(a)anthracene	21.128	228	833307m	9.879	ng/ul	
22) Chrysene	21.181	228	753942m	8.328	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	1009654m	11.529	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	367614m	3.826	ng/ul	
26) Benzo(a)pyrene	23.212	252	729987m	8.692	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.443	276	487504m	4.102	ng/ul	
28) Dibenzo(a,h)anthracene	25.450	278	129533m	1.403	ng/ul	
29) Benzo(g,h,i)perylene	26.097	276	483536m	5.059	ng/ul	

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

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