

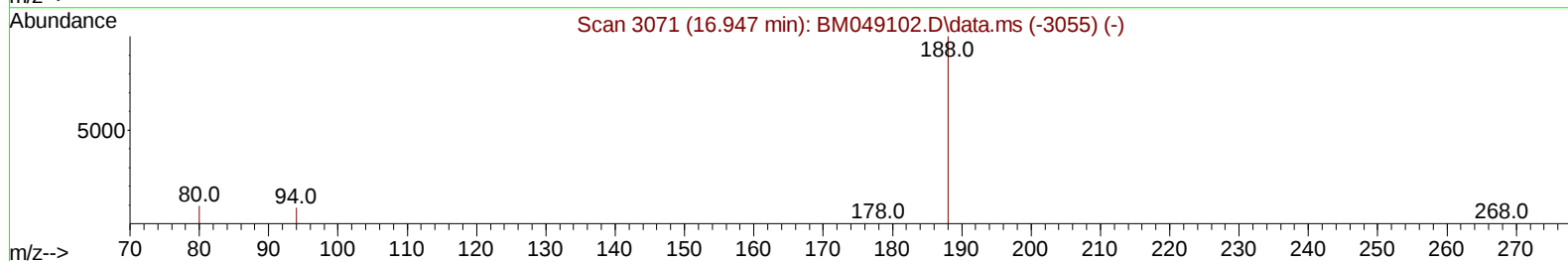
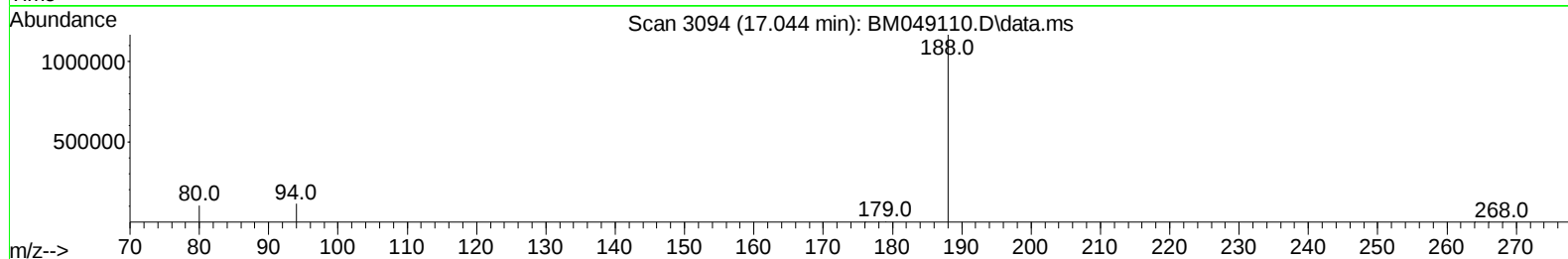
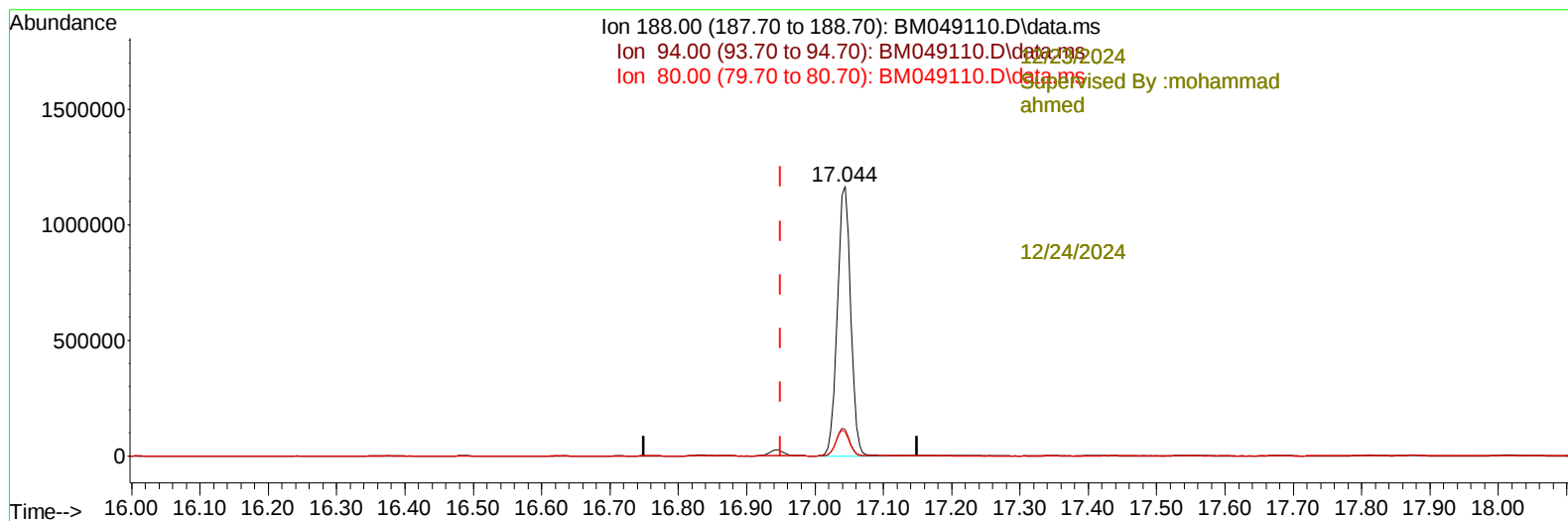
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(13) Phenanthrene-d10 (I)

17.044min (+ 0.094) 0.40 ng/u1

response 1559815

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.80
80.00	10.70	8.87
0.00	0.00	0.00

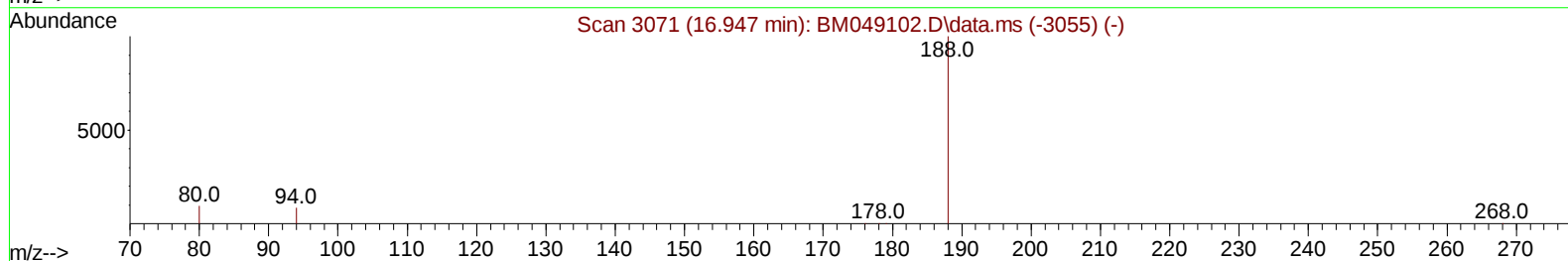
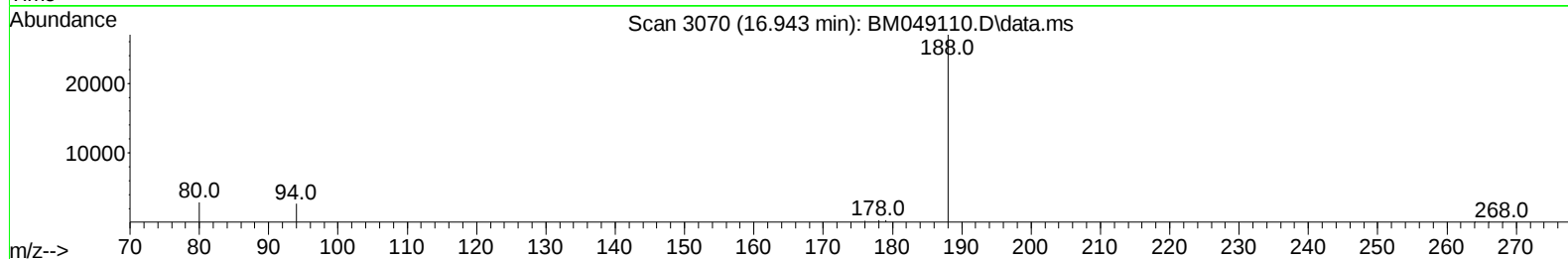
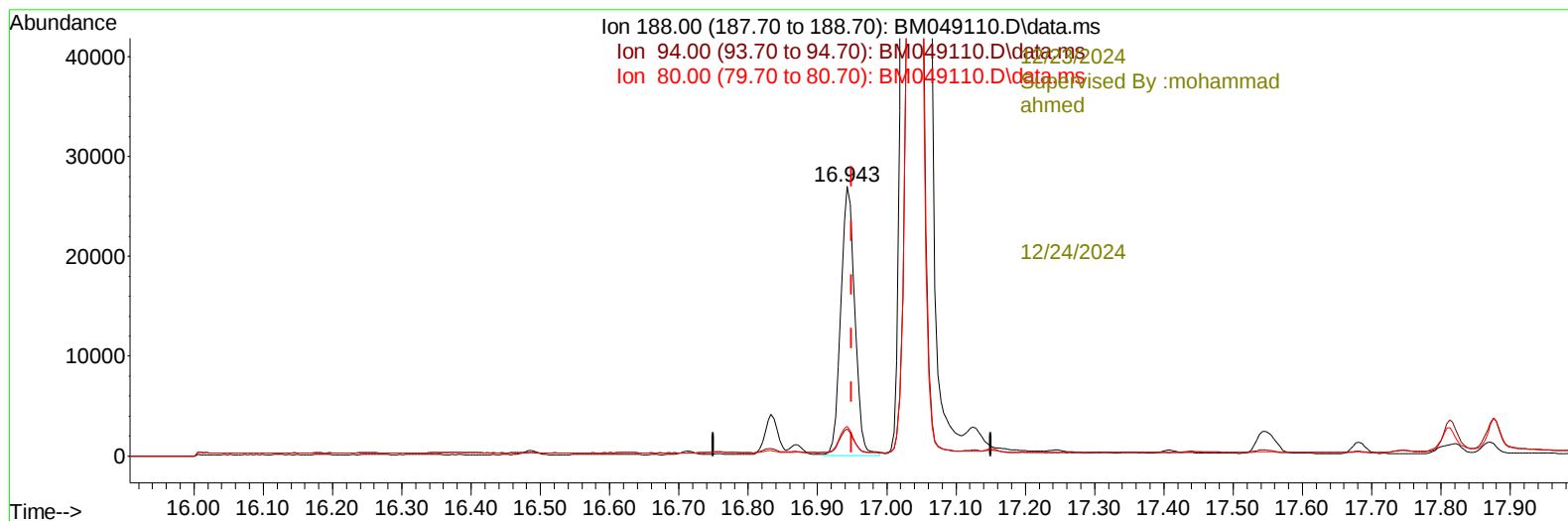
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(13) Phenanthrene-d10 (I)

16.943min (-0.007) 0.40 ng/ul m

response 37786

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.98
80.00	10.70	10.88
0.00	0.00	0.00

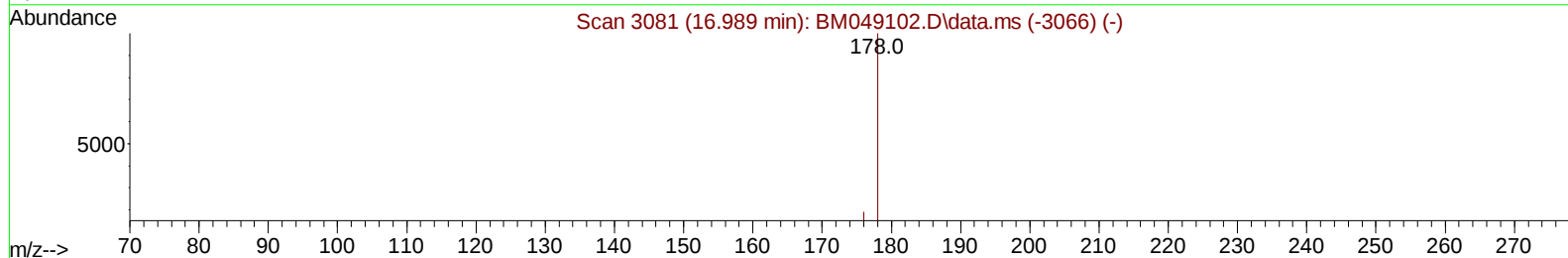
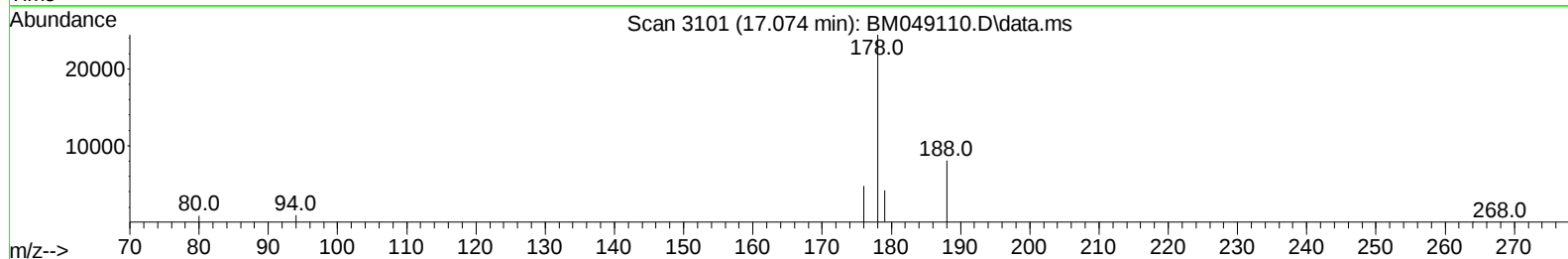
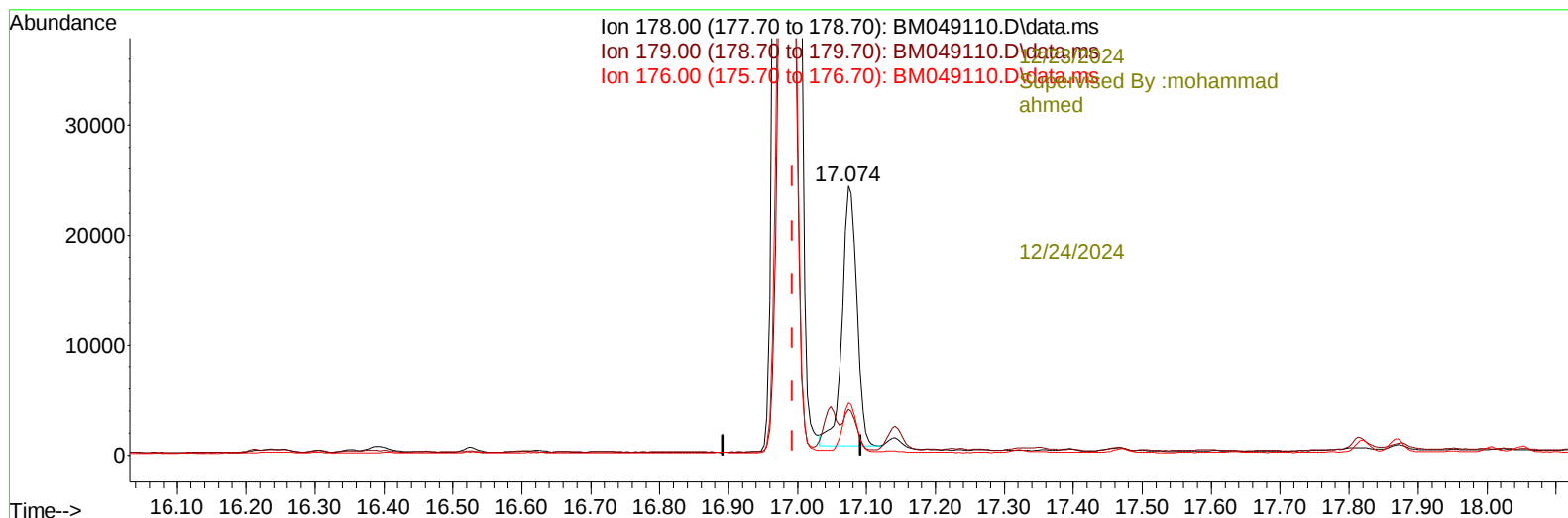
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(15) Phenanthrene

17.074min (+ 0.082) 0.36 ng/u1

response 35139

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.05
176.00	20.20	19.54
0.00	0.00	0.00

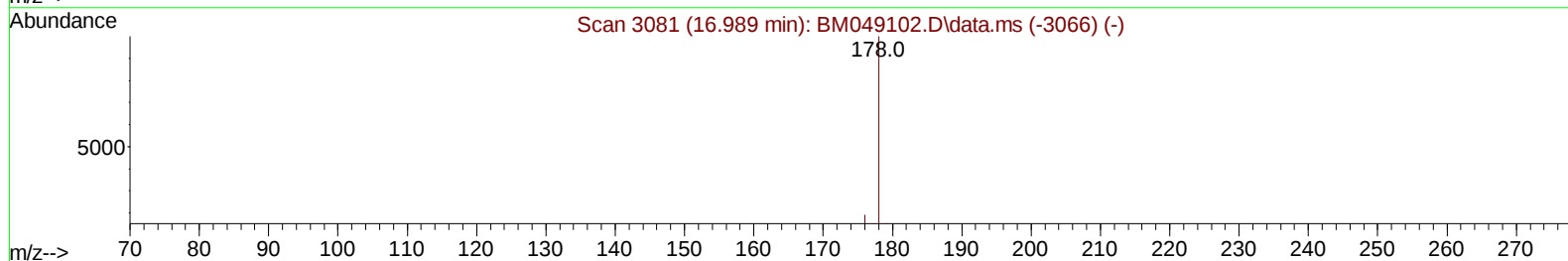
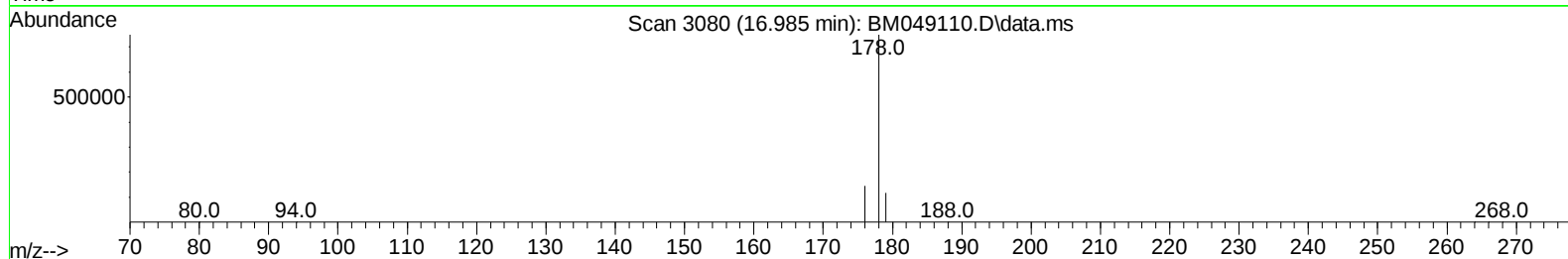
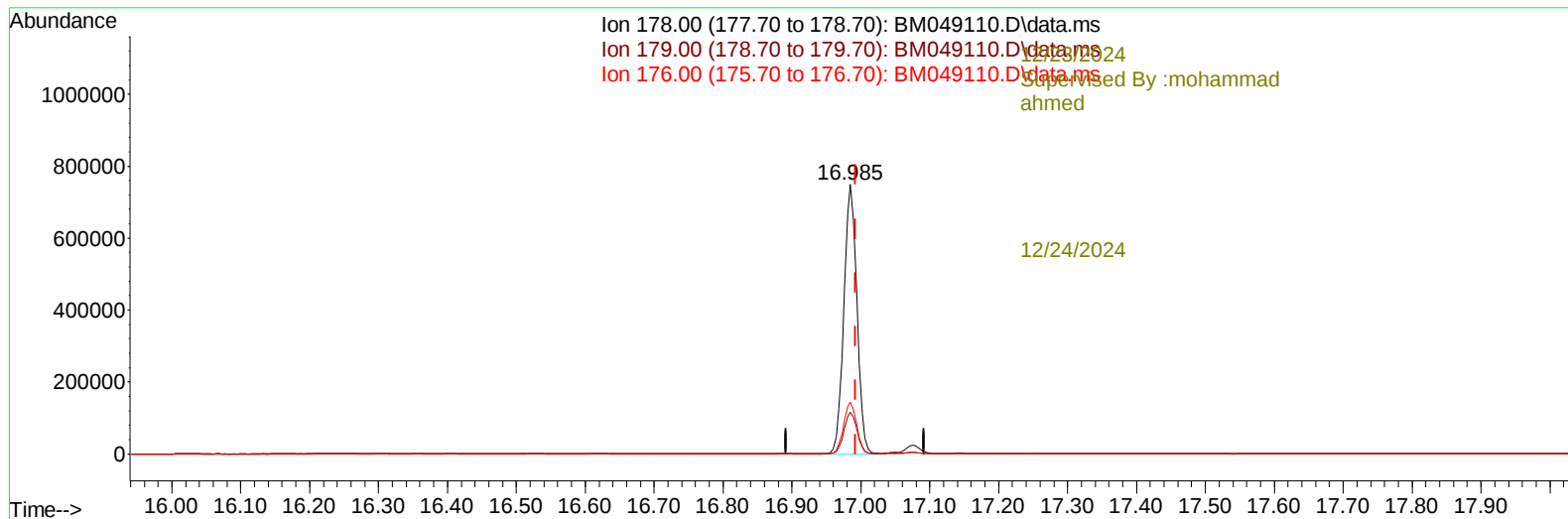
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(15) Phenanthrene

16.985min (-0.007) 9.96 ng/u1 m

response 982880

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.50
176.00	20.20	19.22
0.00	0.00	0.00

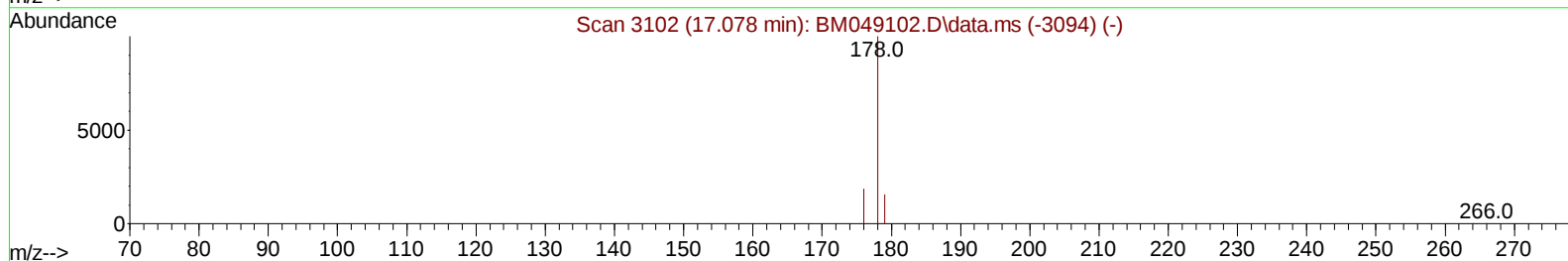
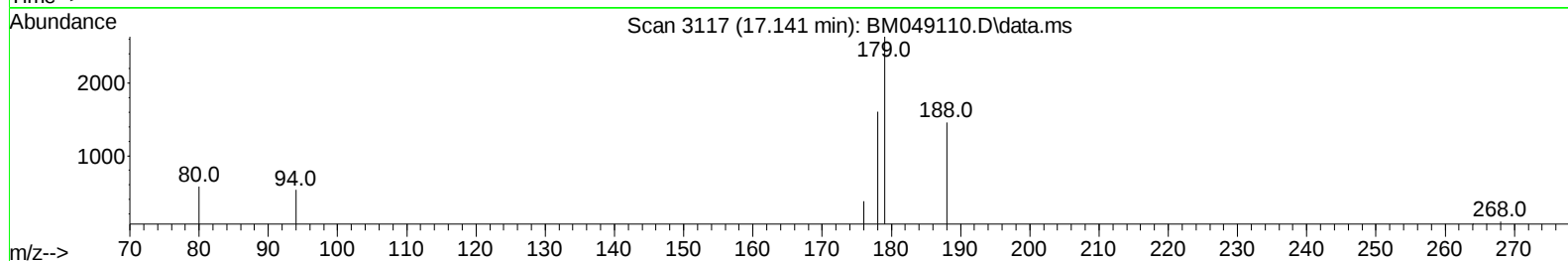
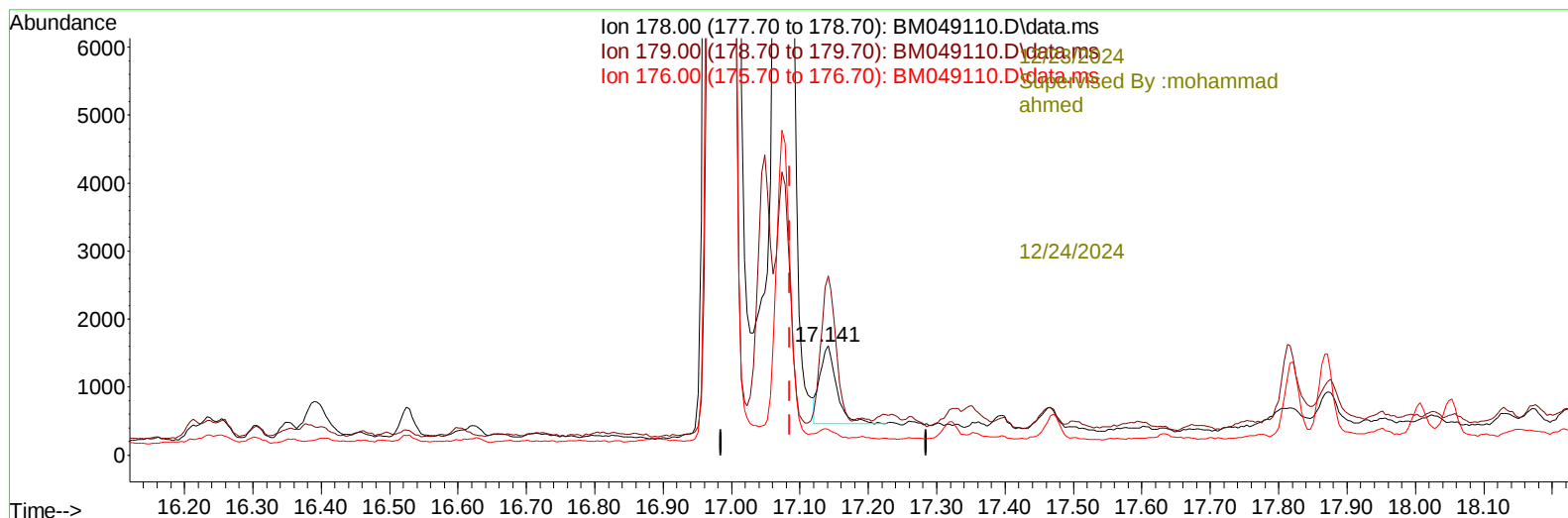
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(16) Anthracene

17.141min (+ 0.056) 0.02 ng/u1

response 1958

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	163.95#
176.00	19.10	23.31#
0.00	0.00	0.00

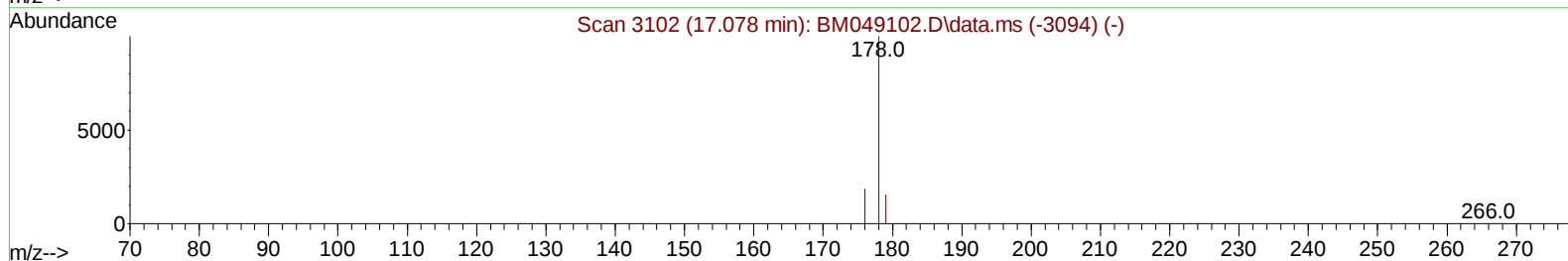
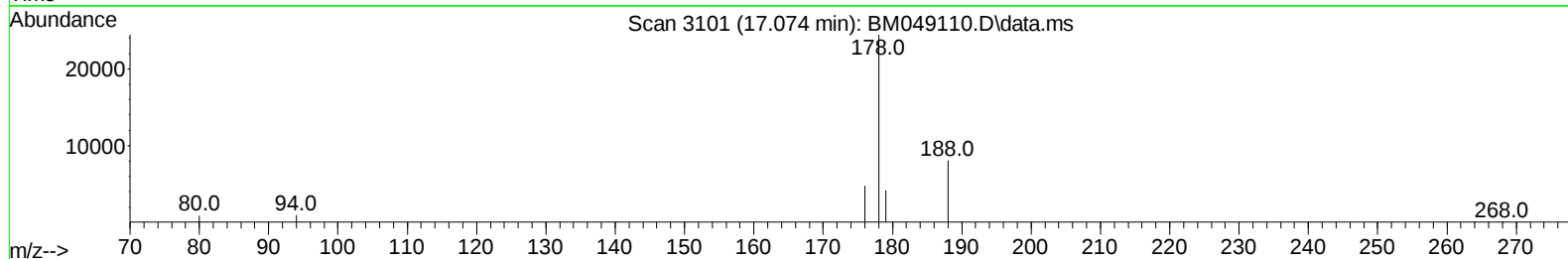
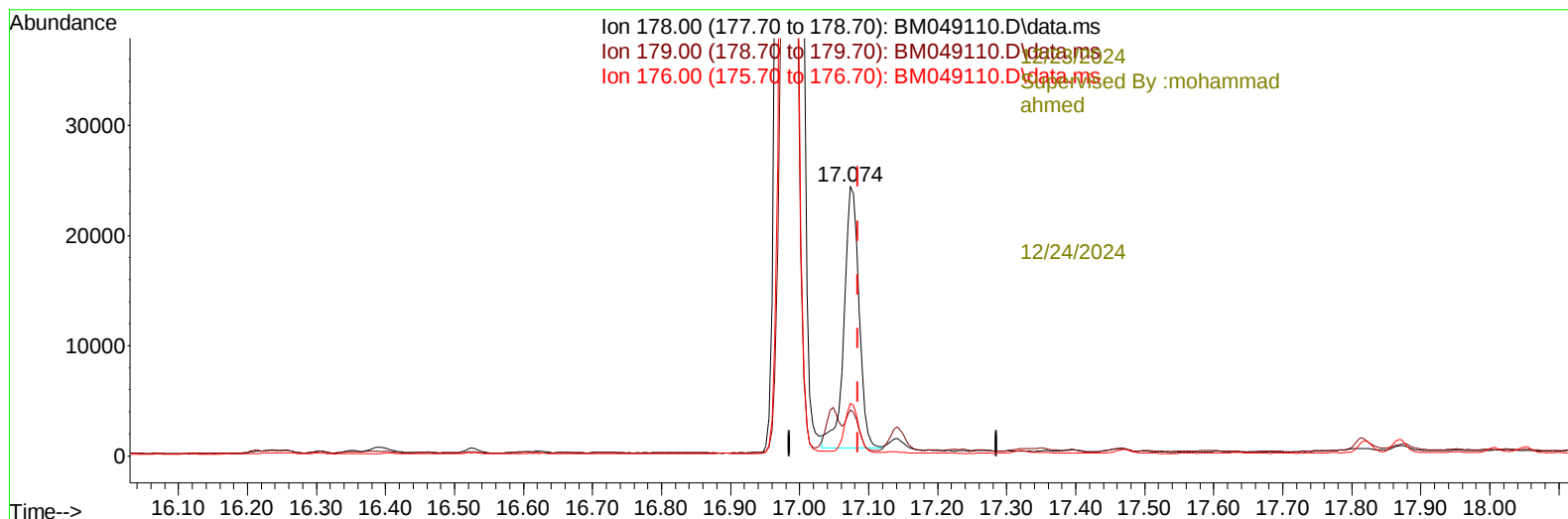
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(16) Anthracene

17.074min (-0.011) 0.39 ng/u1 m

response 35617

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	17.05
176.00	19.10	19.54
0.00	0.00	0.00

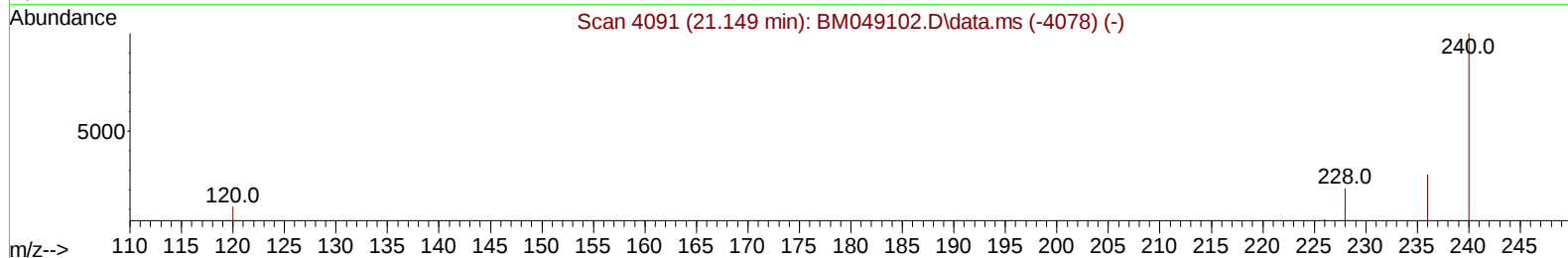
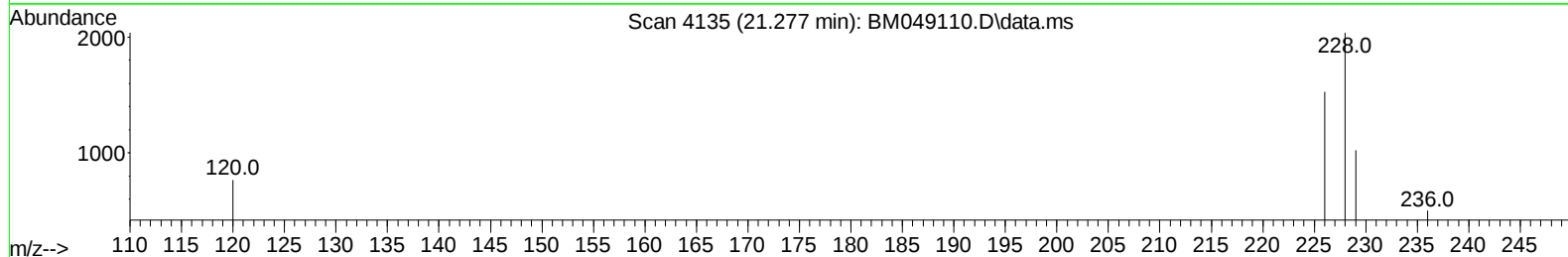
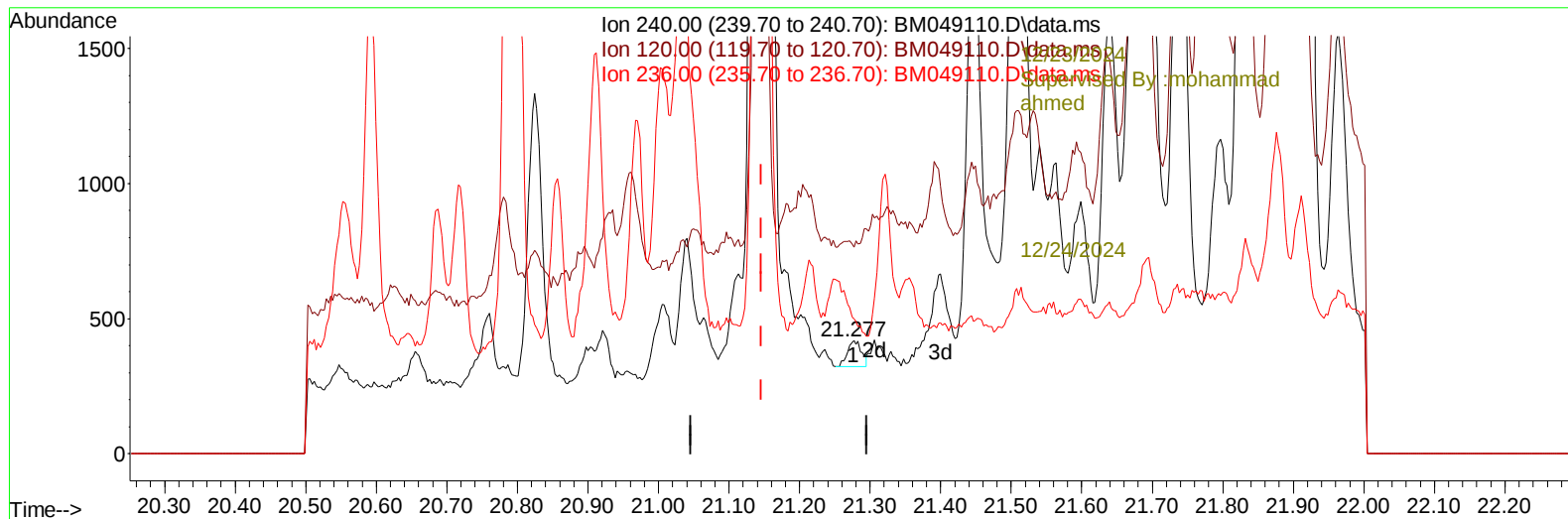
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(17) Chrysene-d12

21.277min (+ 0.131) 0.40 ng/u1

response 133

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	182.82#
236.00	29.80	119.09#
0.00	0.00	0.00

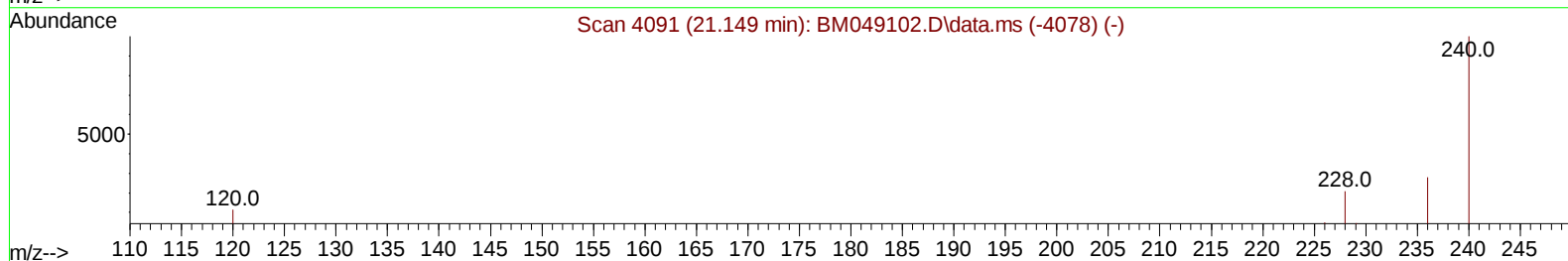
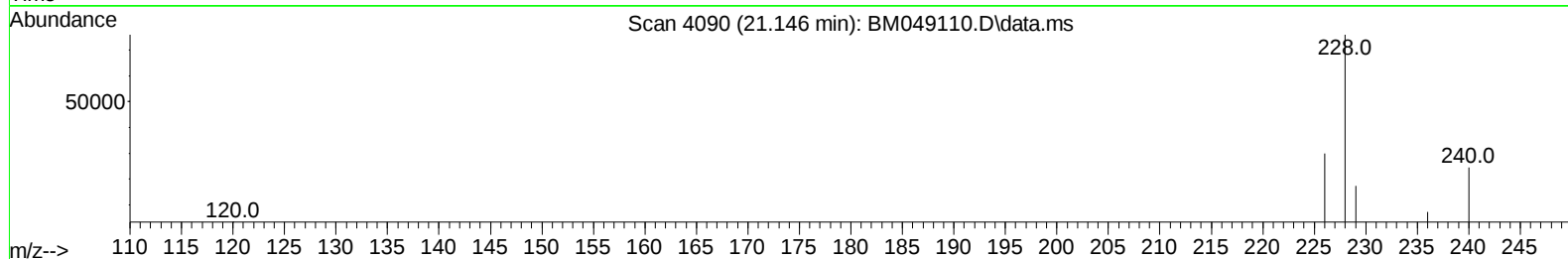
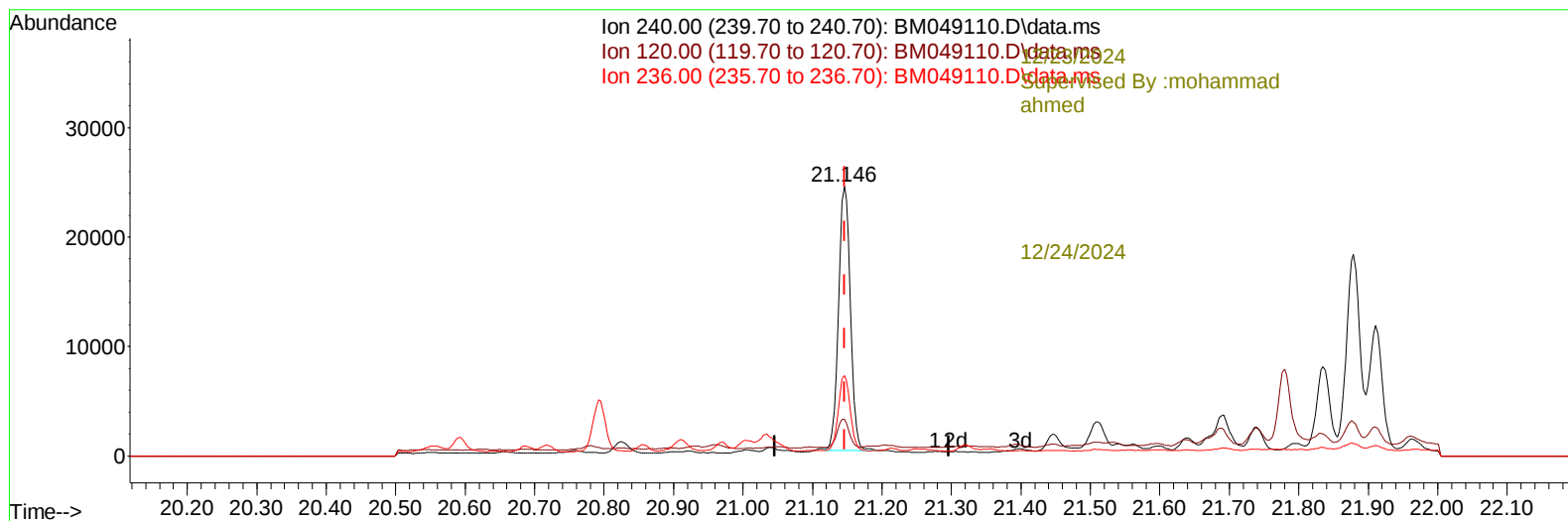
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(17) Chrysene-d12

21.146min (-0.000) 0.40 ng/u1 m

response 28692

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	13.53
236.00	29.80	29.78
0.00	0.00	0.00

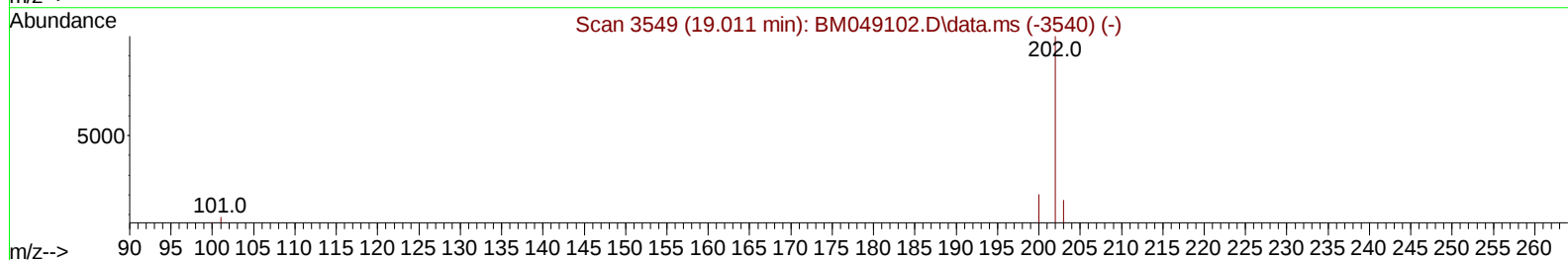
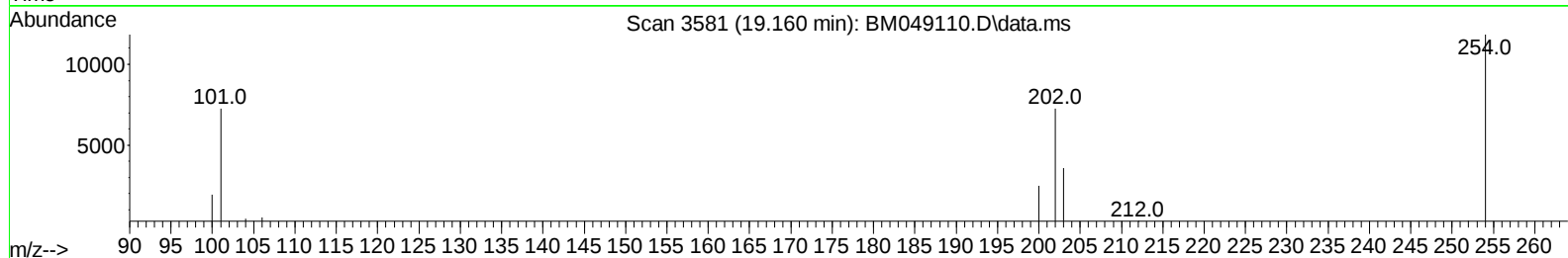
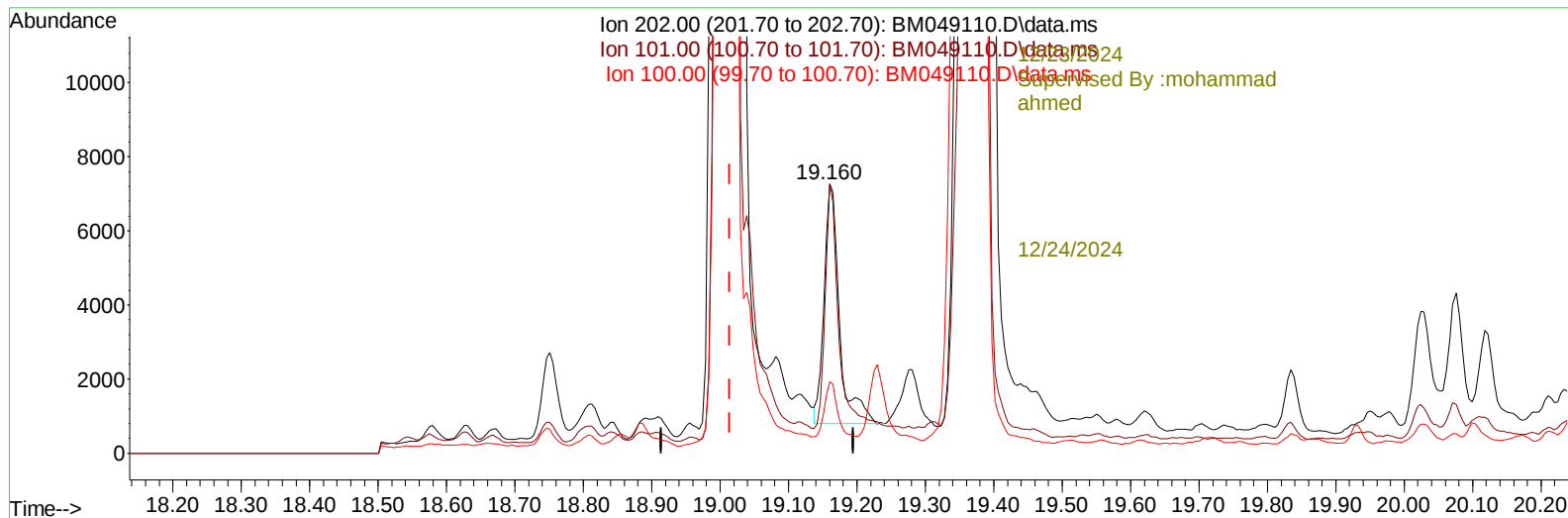
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(19) Fluoranthene (C)

19.160min (+ 0.145) 0.10 ng/u1

response 10208

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	100.14#
100.00	6.90	26.44#
0.00	0.00	0.00

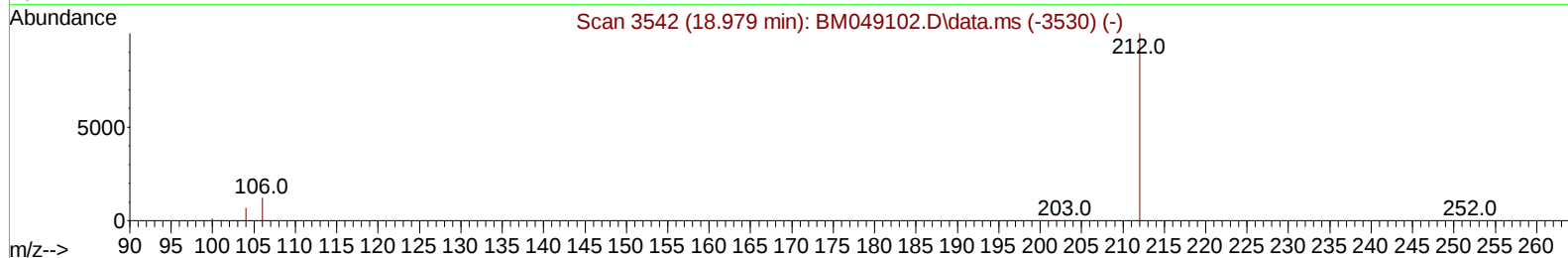
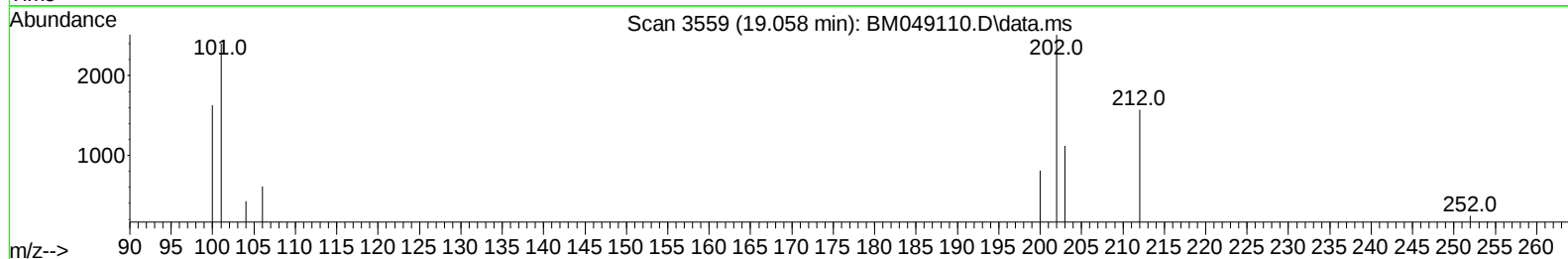
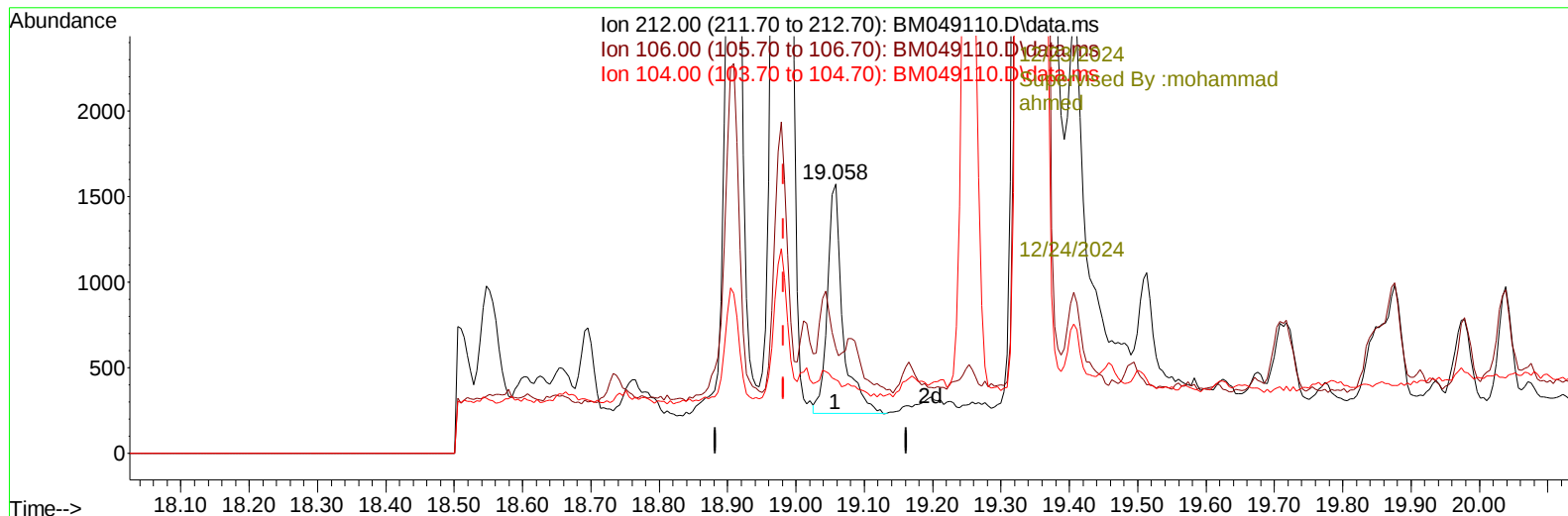
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.058min (+ 0.076) 0.03 ng/u1

response 2085

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	27.00#
104.00	6.50	0.00#
0.00	0.00	0.00

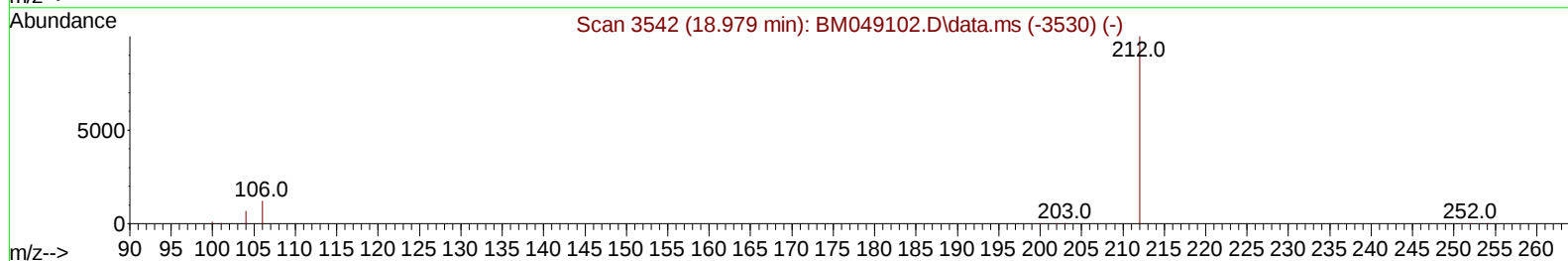
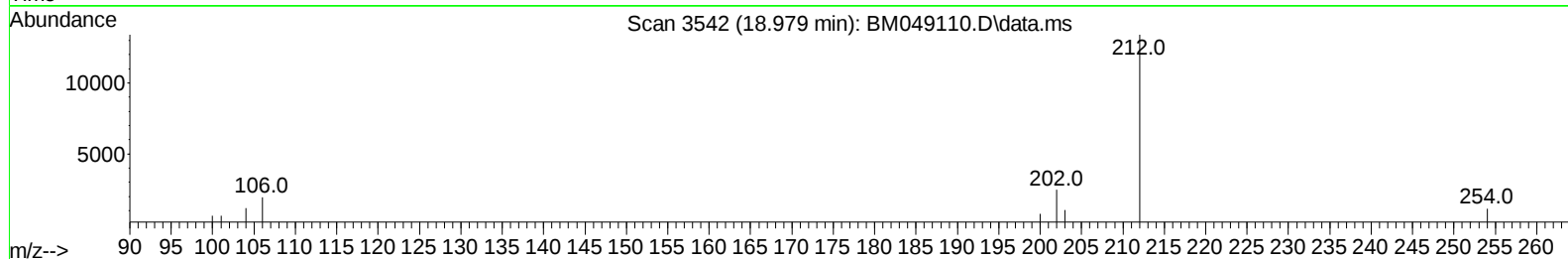
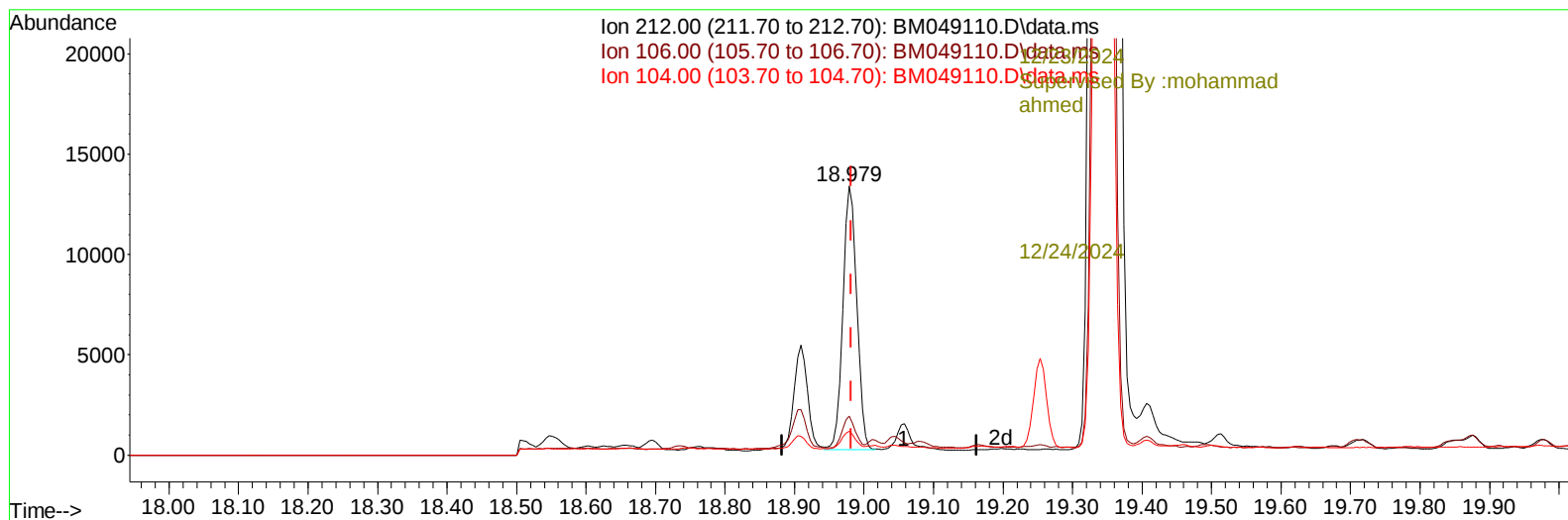
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.979min (-0.003) 0.22 ng/u1 m

response 18235

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	3.09#
104.00	6.50	0.00#
0.00	0.00	0.00

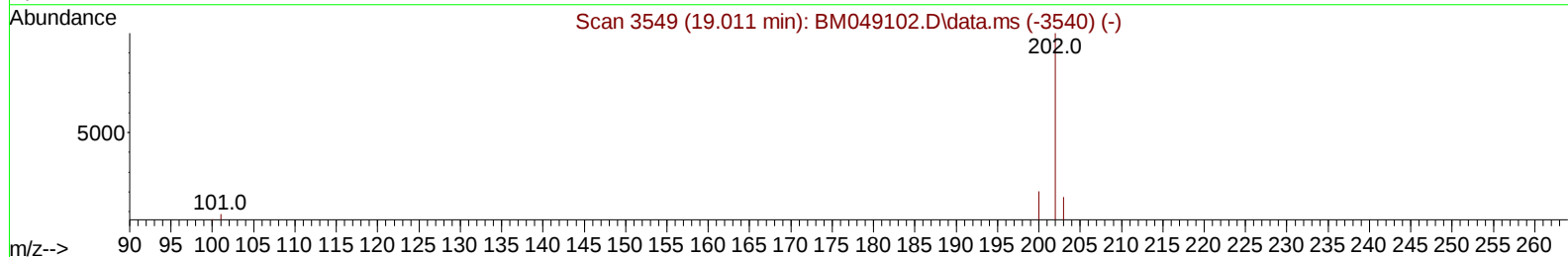
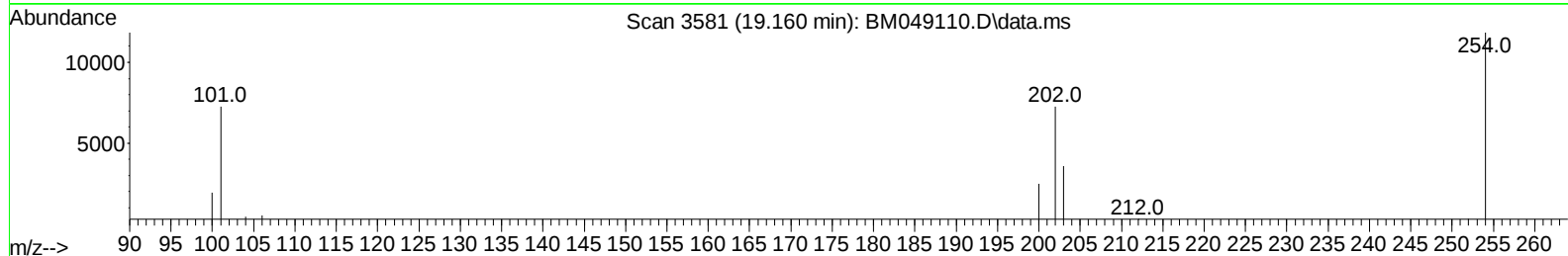
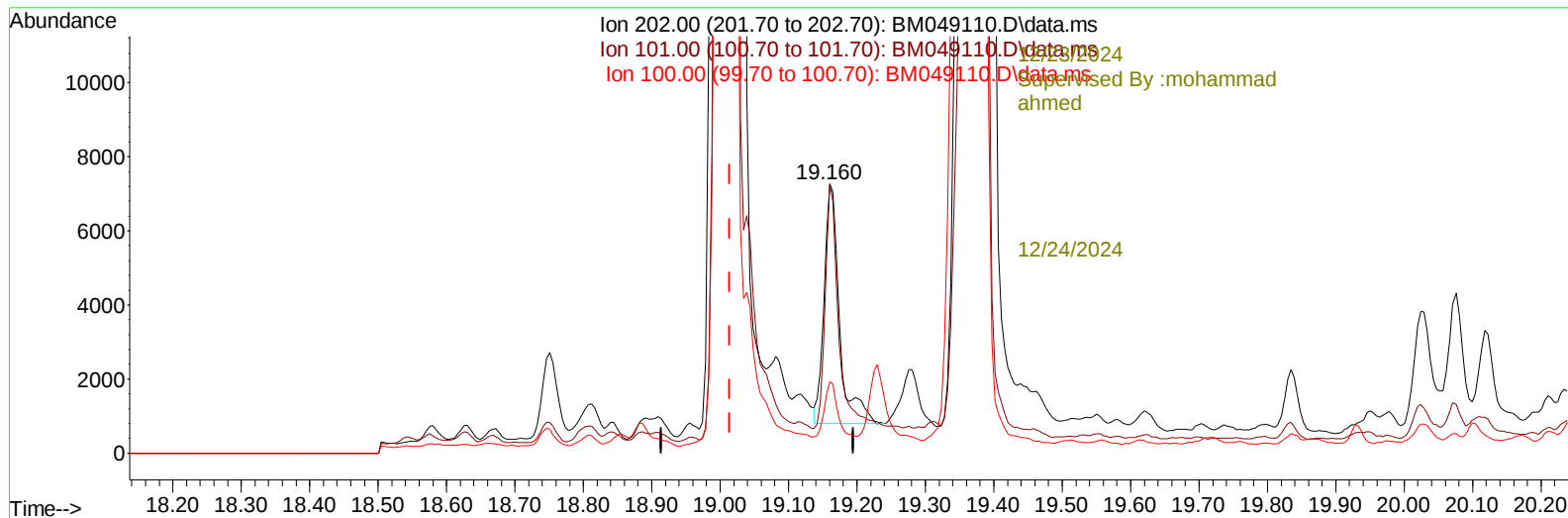
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(19) Fluoranthene (C)

19.160min (+ 0.145) 0.10 ng/u1

response 10208

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	100.14#
100.00	6.90	26.44#
0.00	0.00	0.00

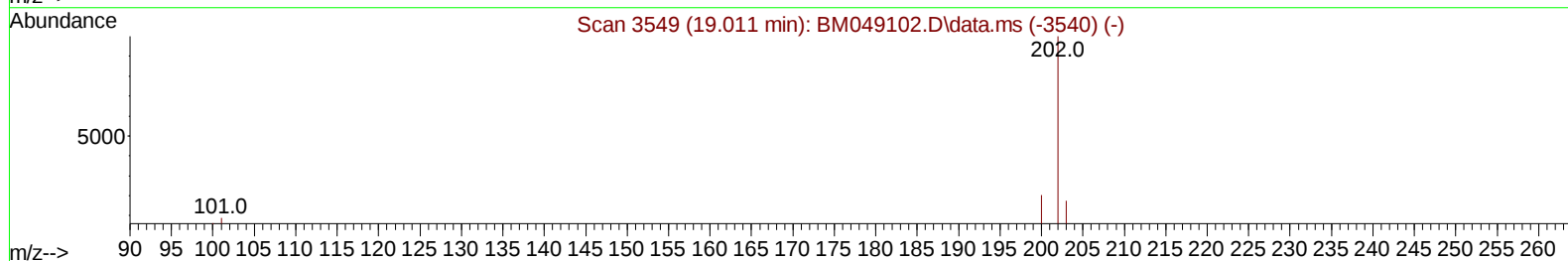
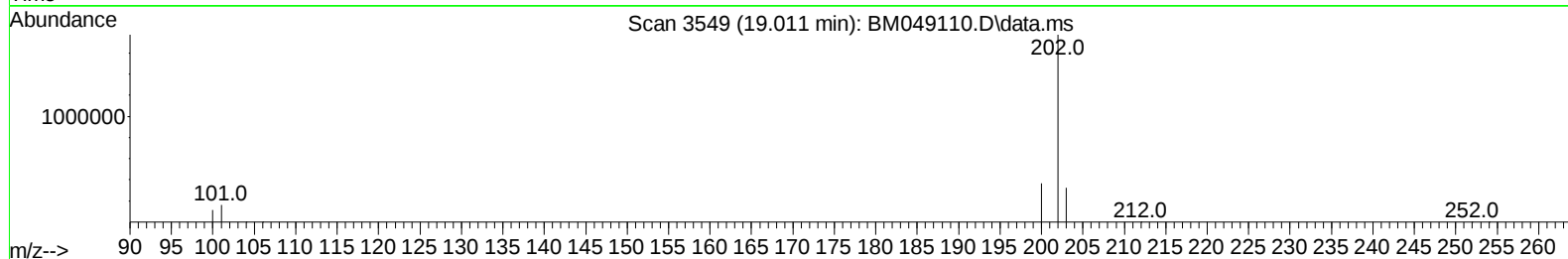
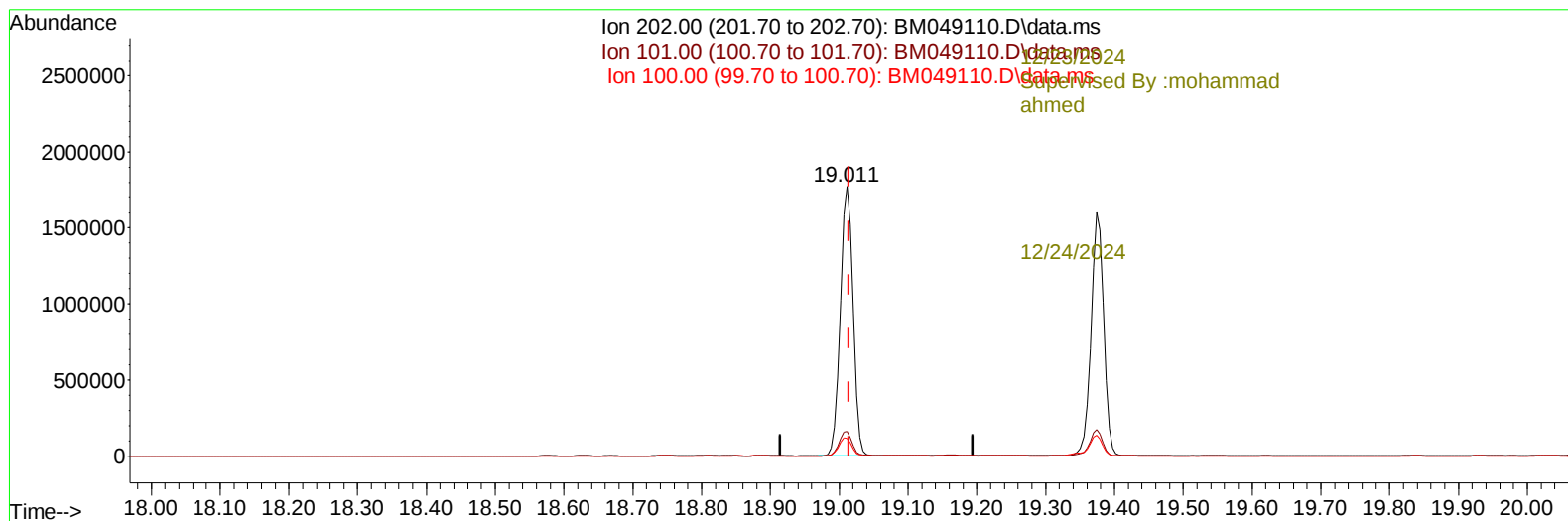
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(19) Fluoranthene (C)

19.011min (-0.003) 22.01 ng/ul m

response 2283590

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	9.01
100.00	6.90	6.60
0.00	0.00	0.00

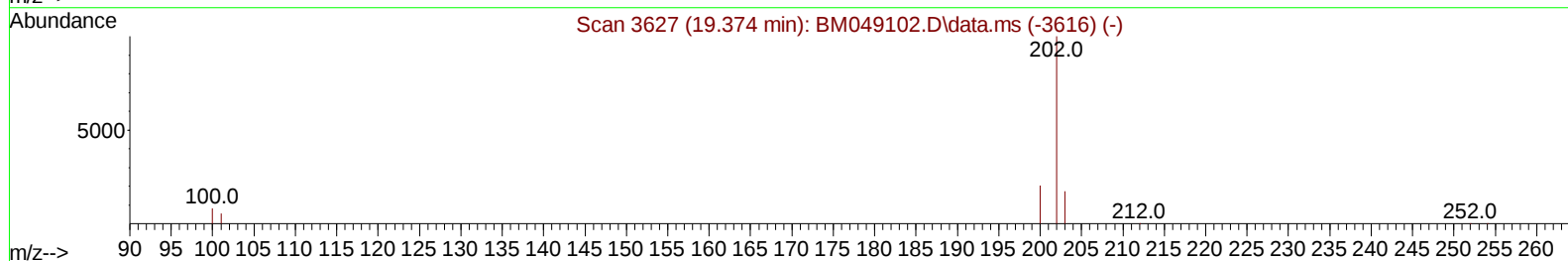
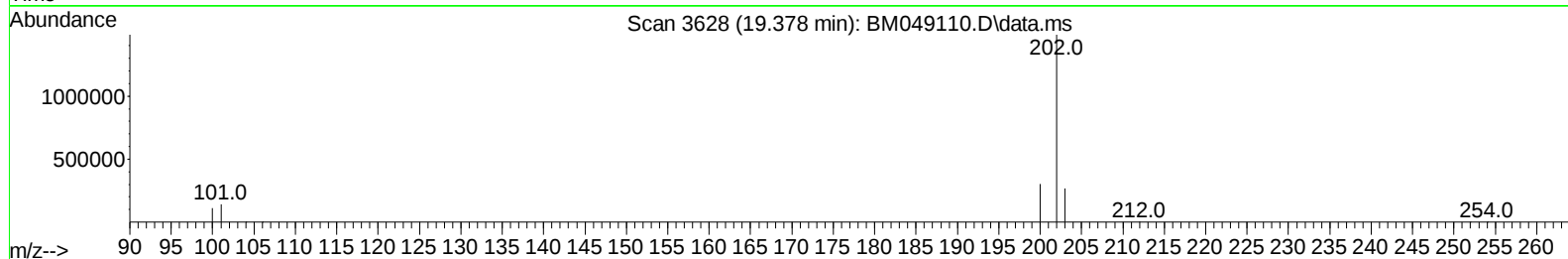
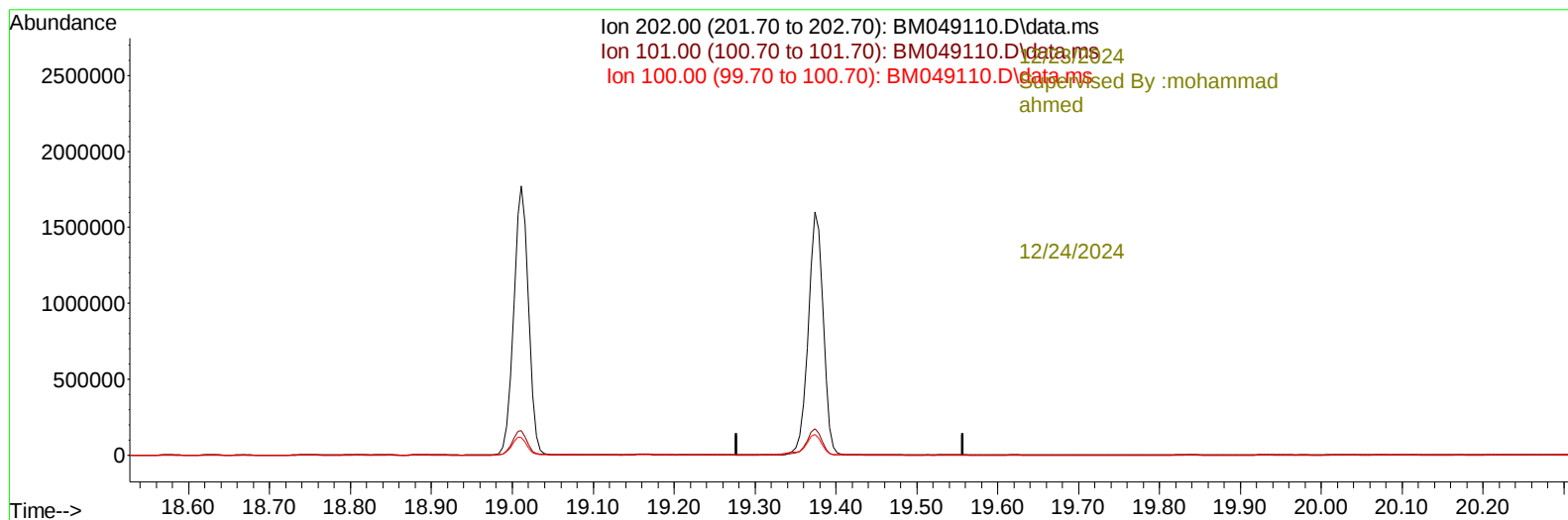
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.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

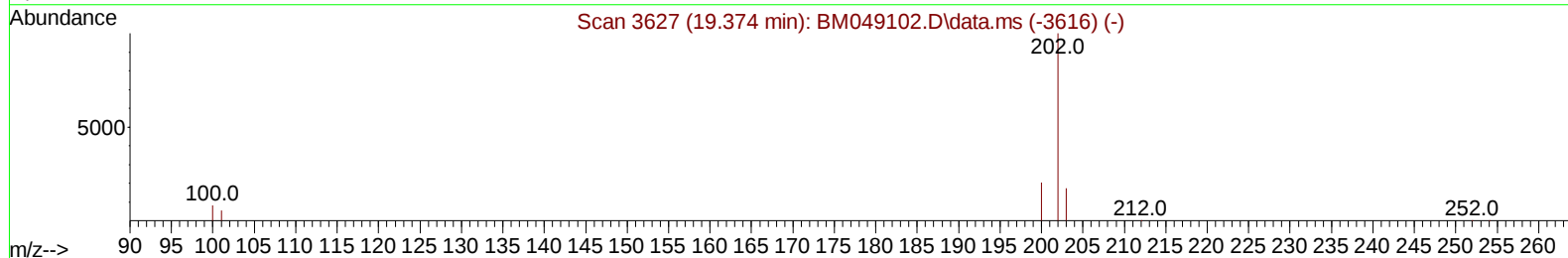
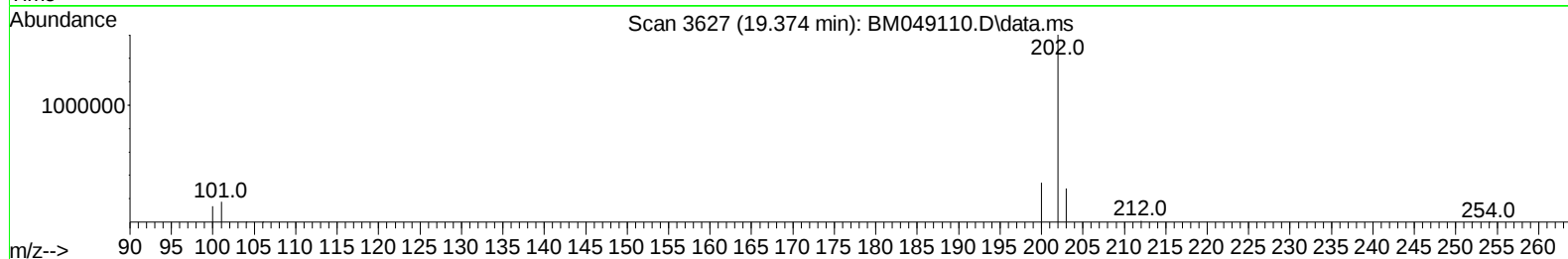
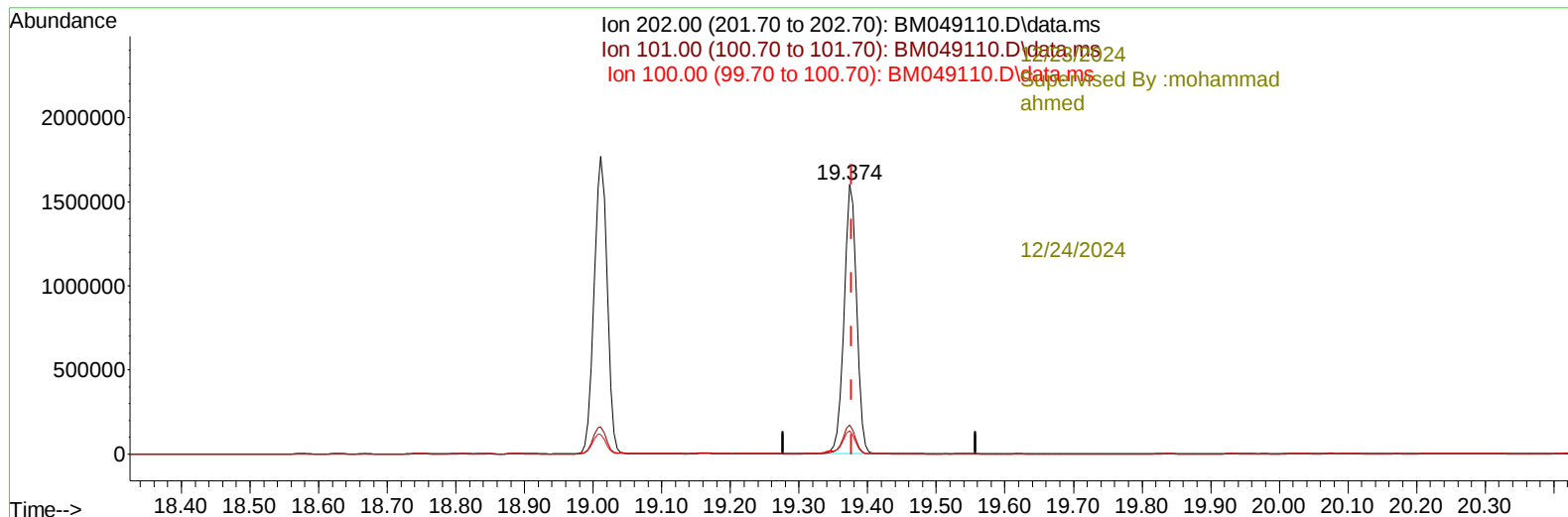
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(20) Pyrene

19.374min (-0.003) 18.51 ng/ul m

response 2047503

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	10.83
100.00	8.60	8.59
0.00	0.00	0.00

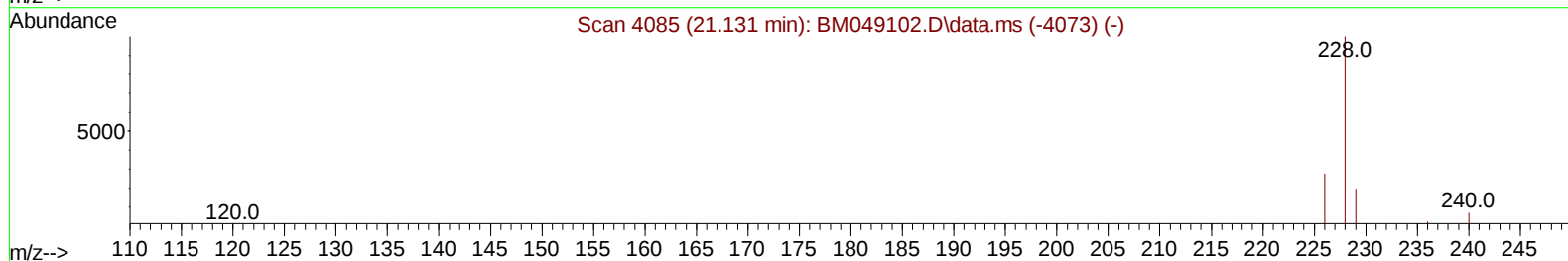
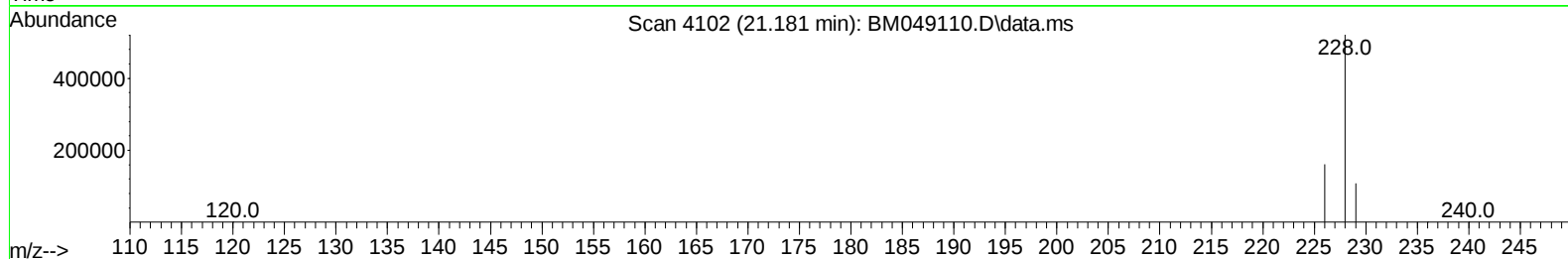
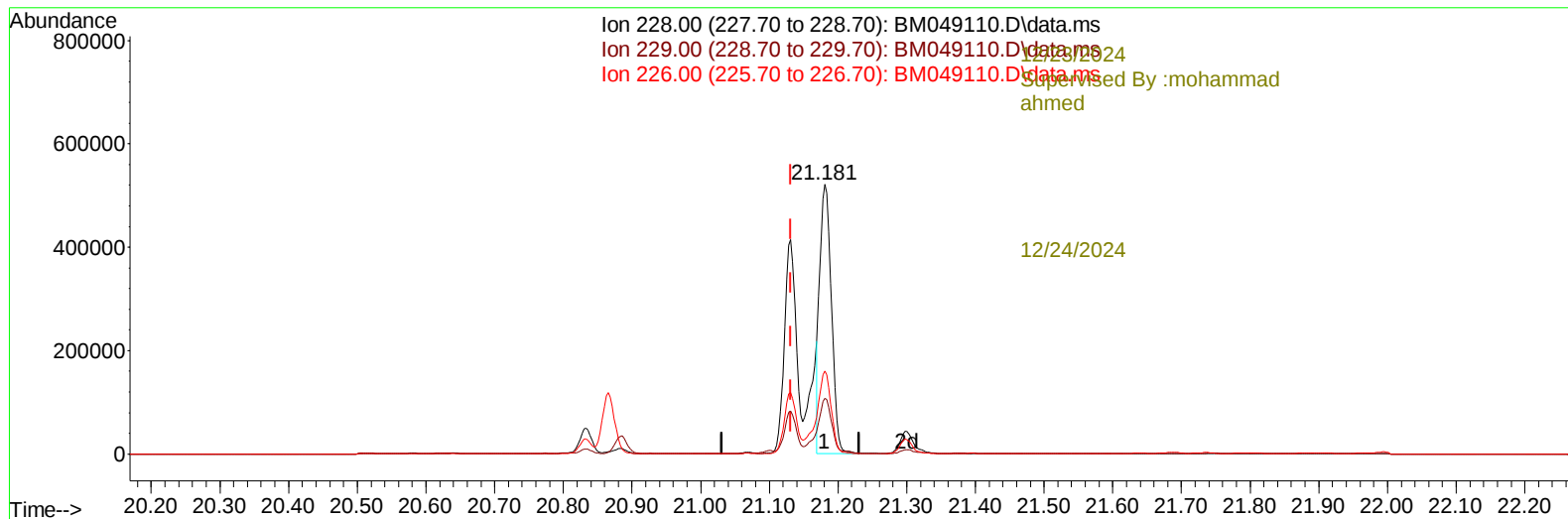
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(21) Benzo(a)anthracene

21.181min (+ 0.049) 6.10 ng/u1

response 608325

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.68
226.00	28.30	30.76
0.00	0.00	0.00

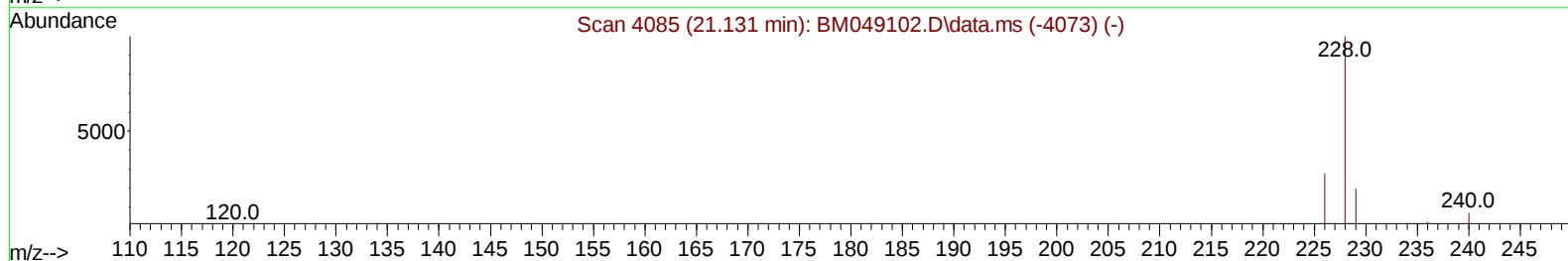
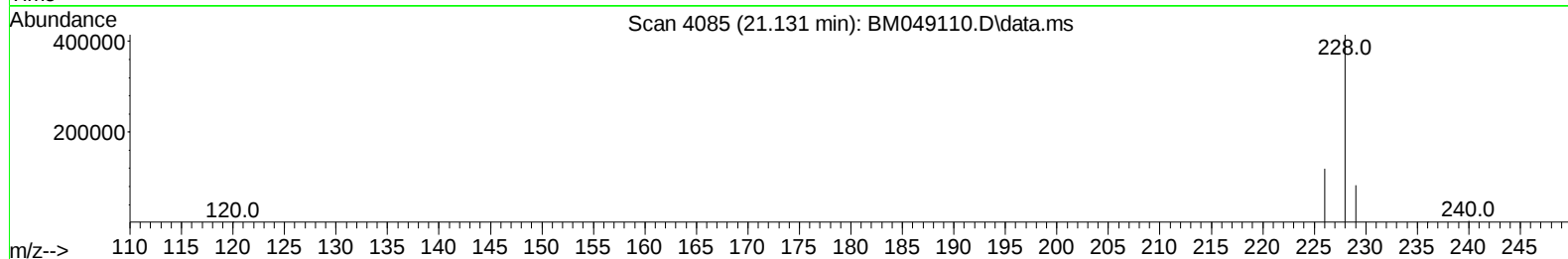
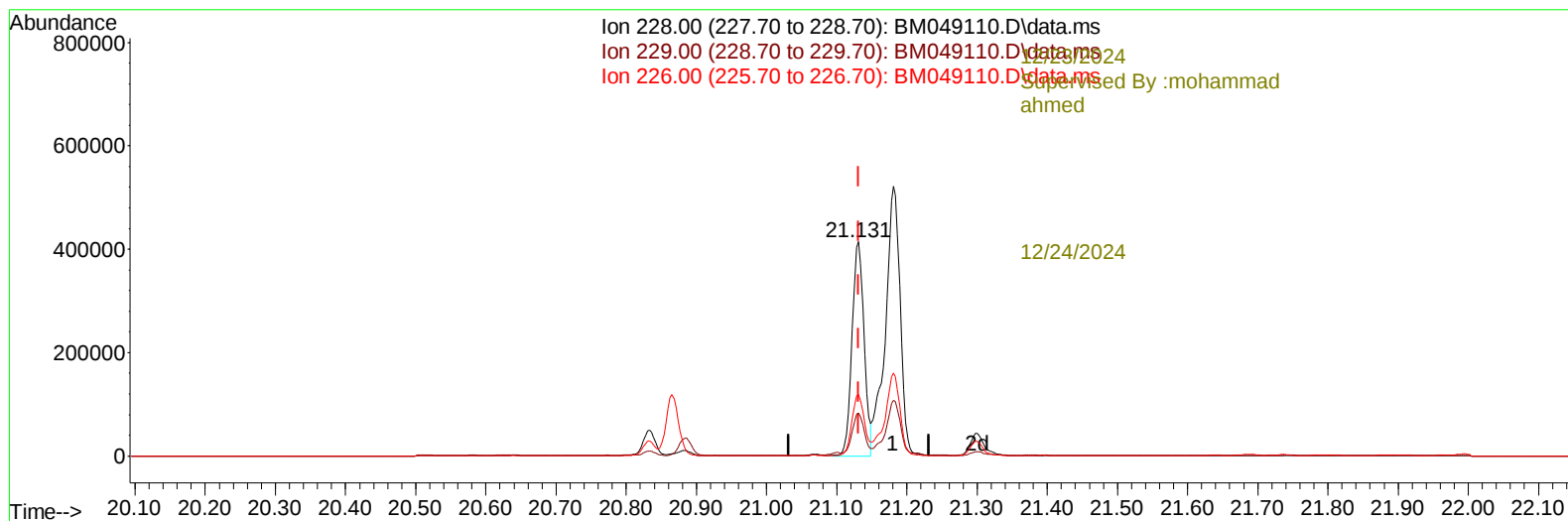
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(21) Benzo(a)anthracene

21.131min (-0.000) 4.96 ng/ul m

response 494844

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.09
226.00	28.30	28.75
0.00	0.00	0.00

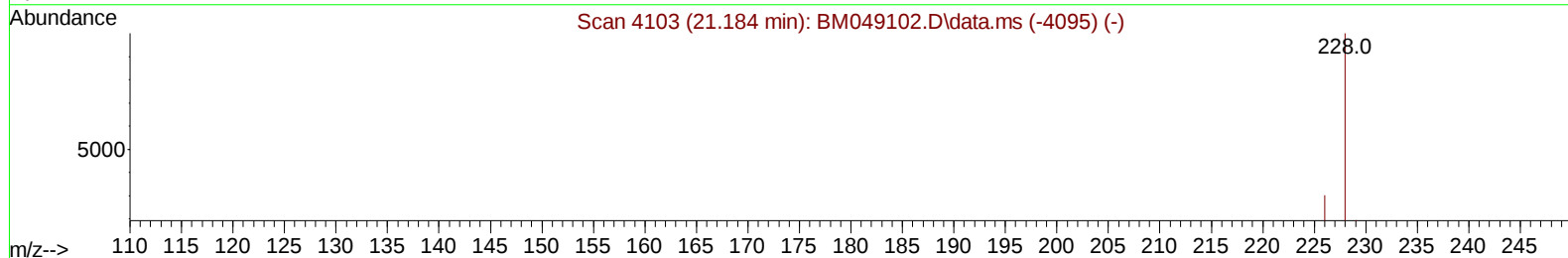
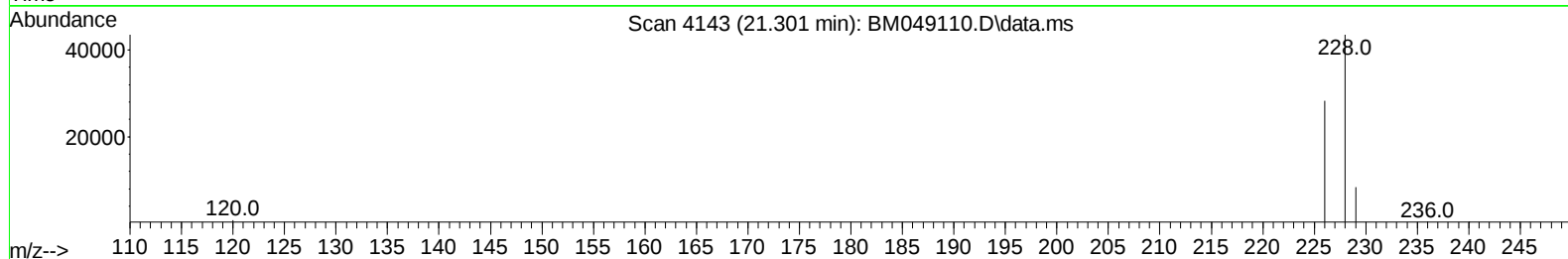
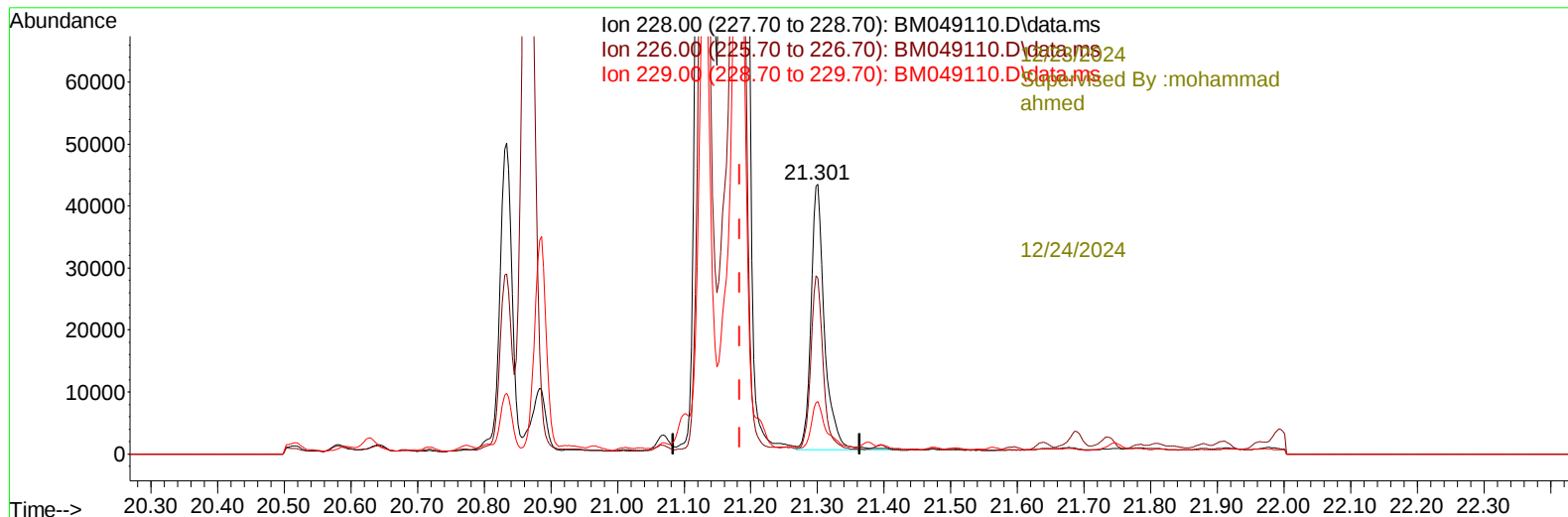
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(22) Chrysene

21.301min (+ 0.116) 0.57 ng/u1

response 61186

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	65.13#
229.00	19.80	19.44
0.00	0.00	0.00

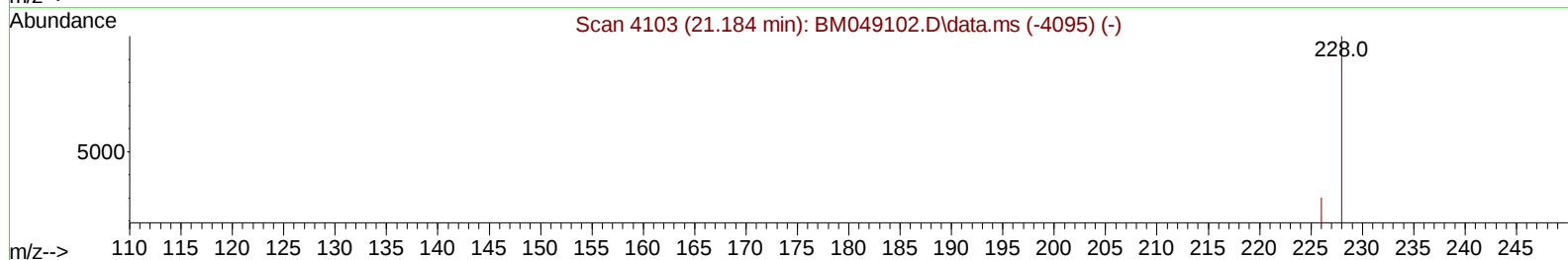
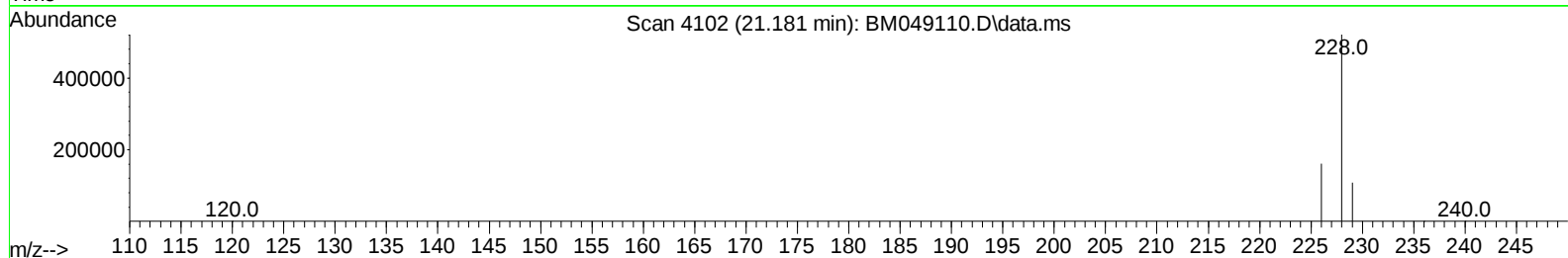
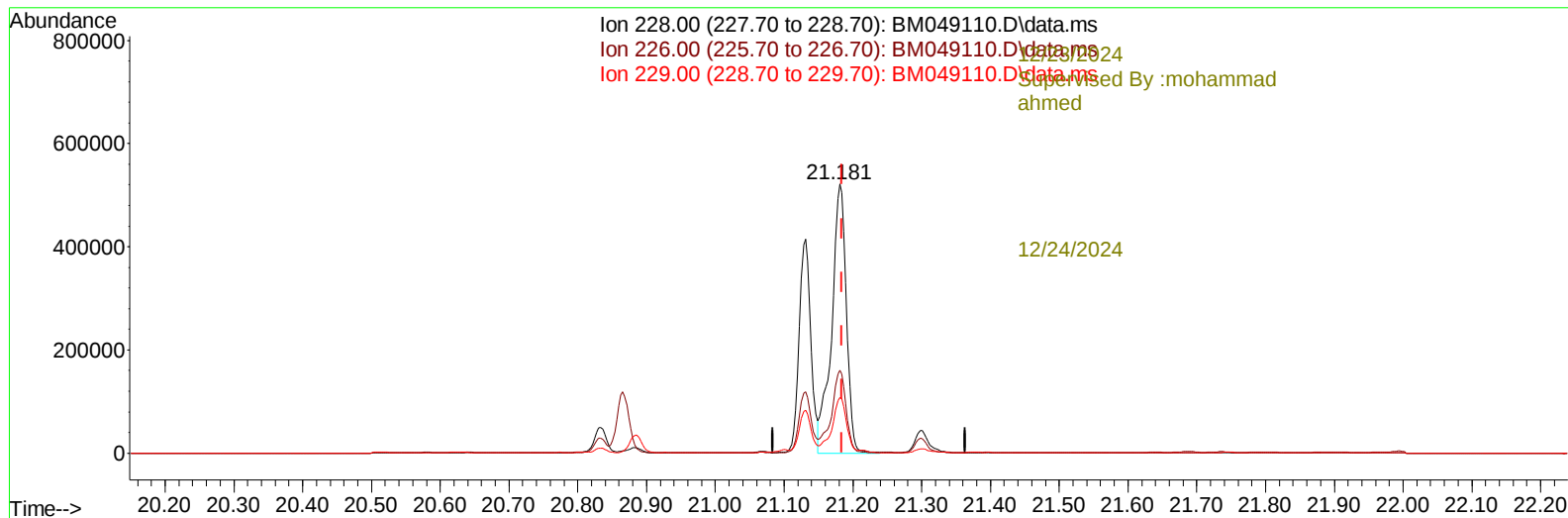
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(22) Chrysene

21.181min (-0.003) 7.25 ng/u1 m

response 776050

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	30.76
229.00	19.80	20.68
0.00	0.00	0.00

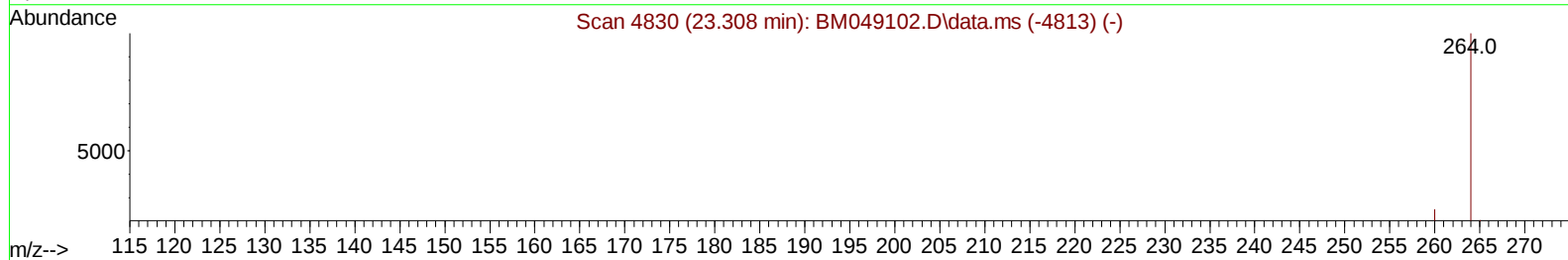
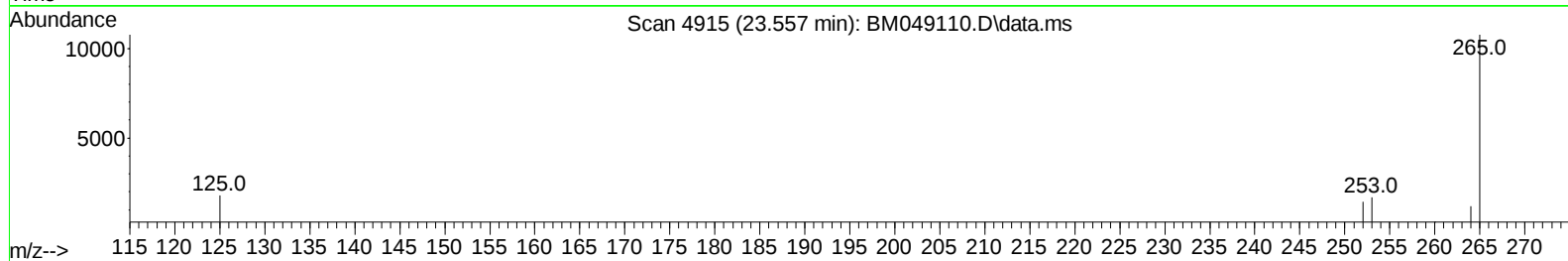
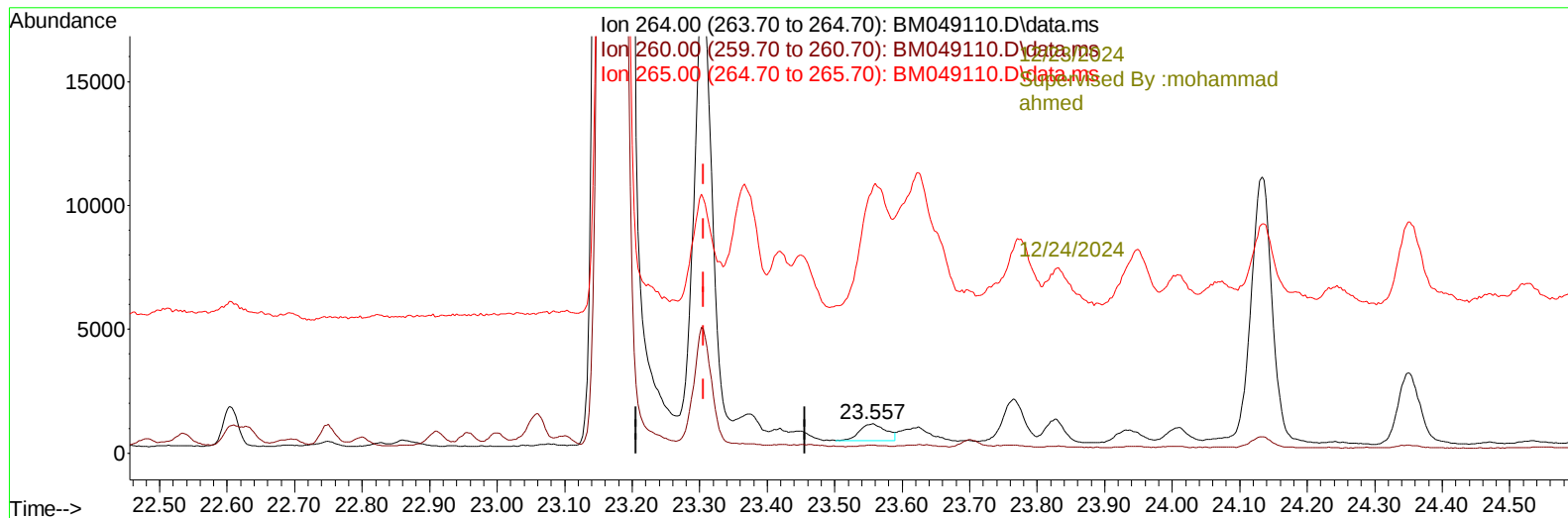
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(23) Perylene-d12 (I)

23.557min (+ 0.251) 0.40 ng/ul

response 1831

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.88
265.00	78.30	898.58#
0.00	0.00	0.00

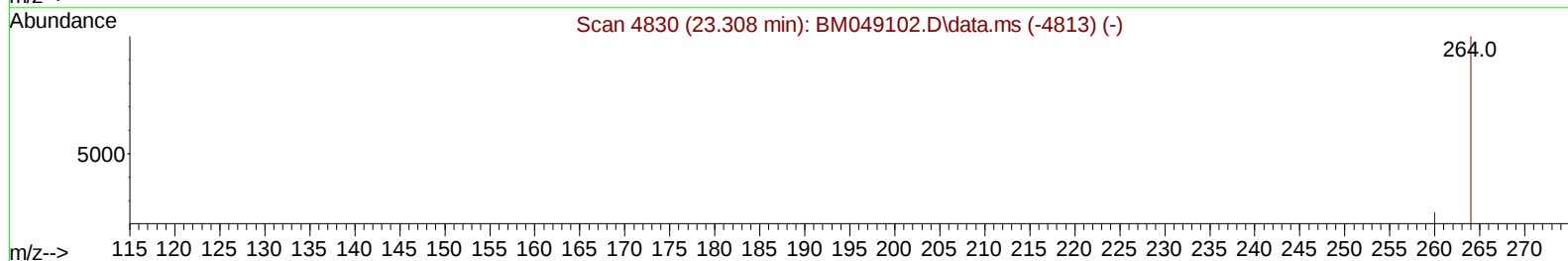
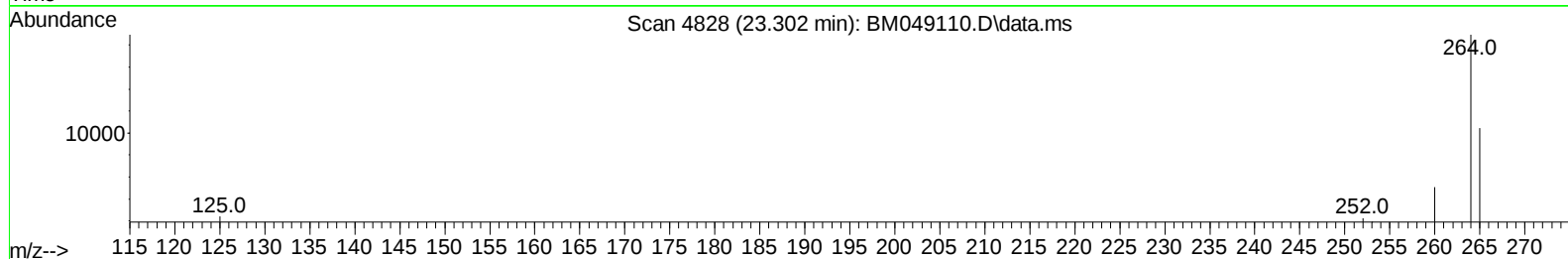
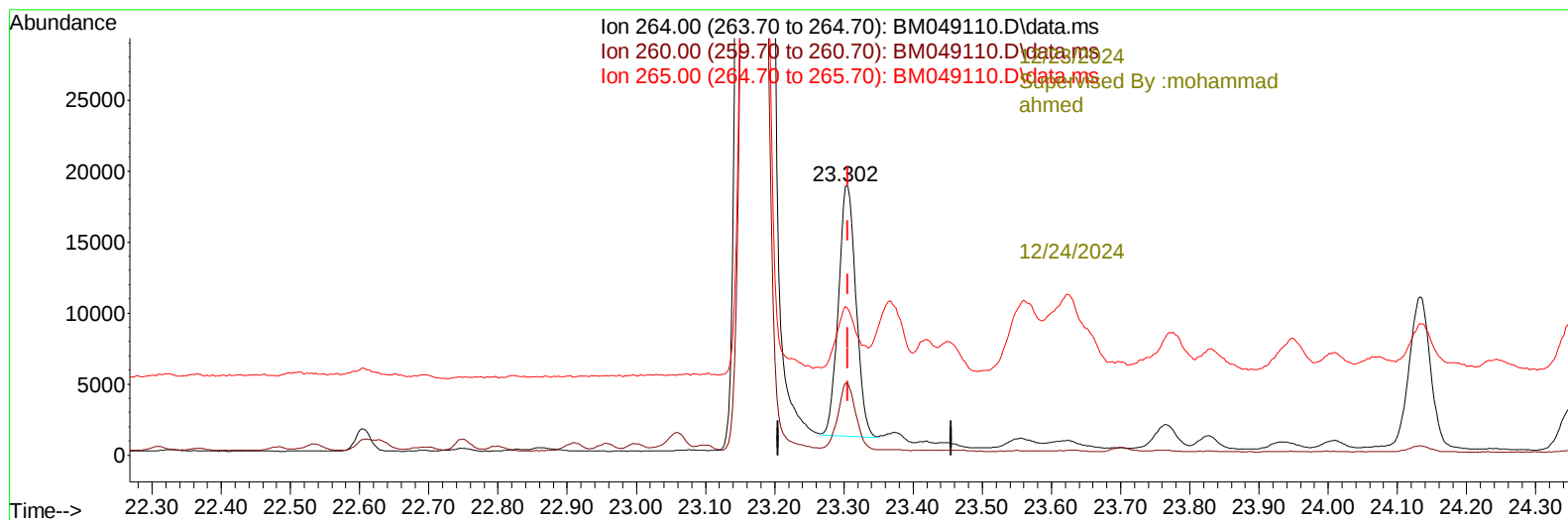
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(23) Perylene-d12 (I)

23.302min (-0.003) 0.40 ng/ul m

response 31113

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.82
265.00	78.30	55.19#
0.00	0.00	0.00

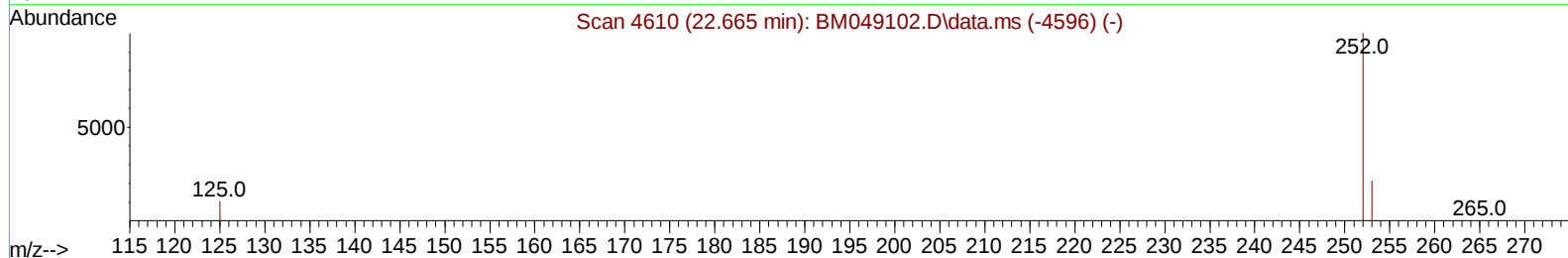
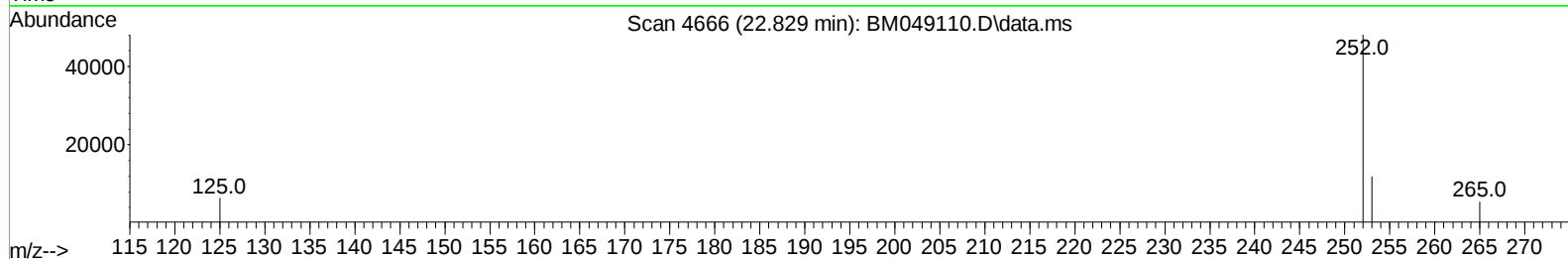
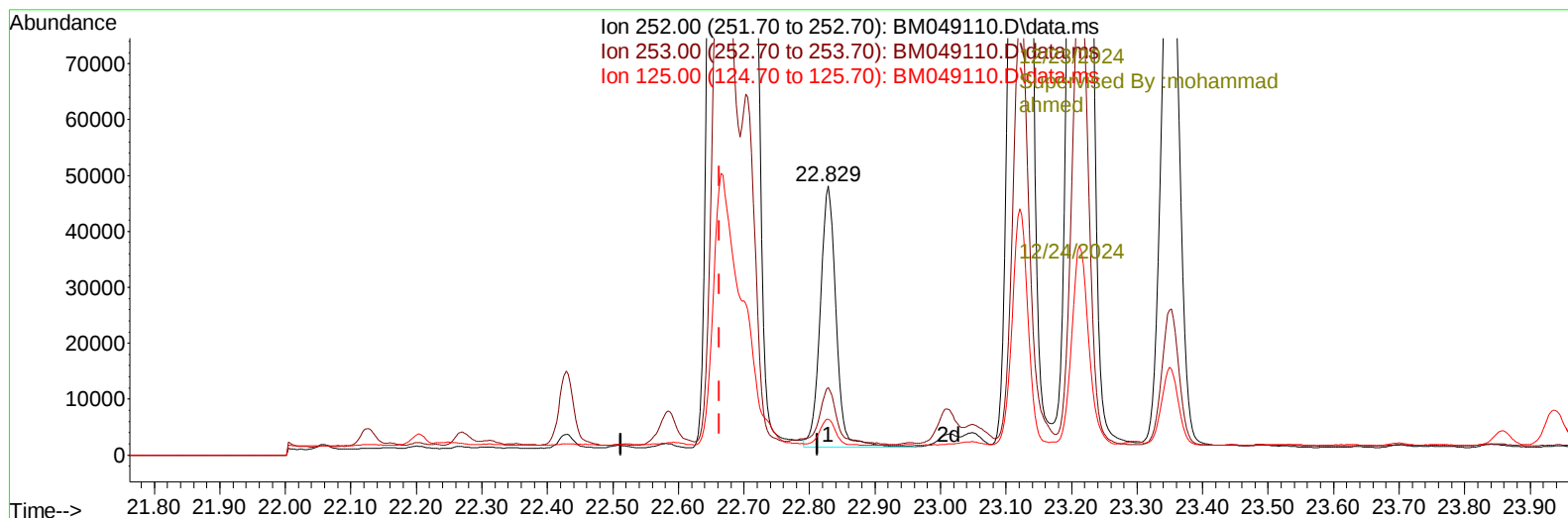
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(24) Benzo(b)fluoranthene

22.829min (+ 0.166) 0.79 ng/u1

response 78506

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	25.05
125.00	15.40	13.43
0.00	0.00	0.00

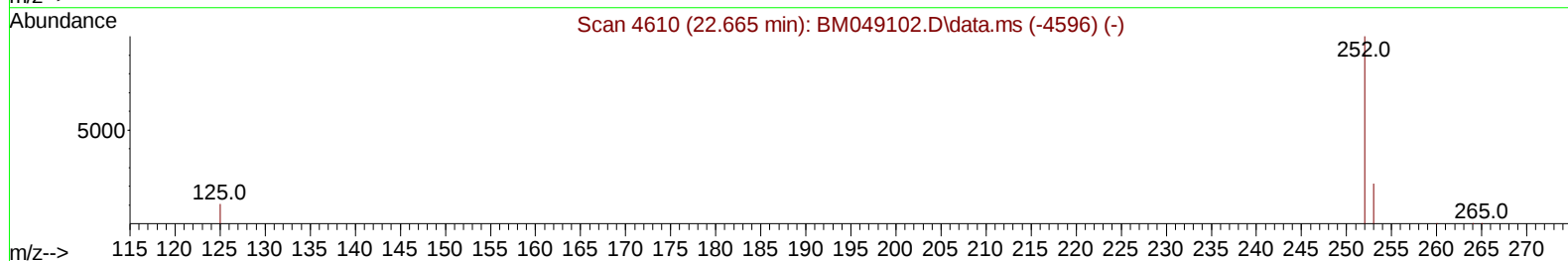
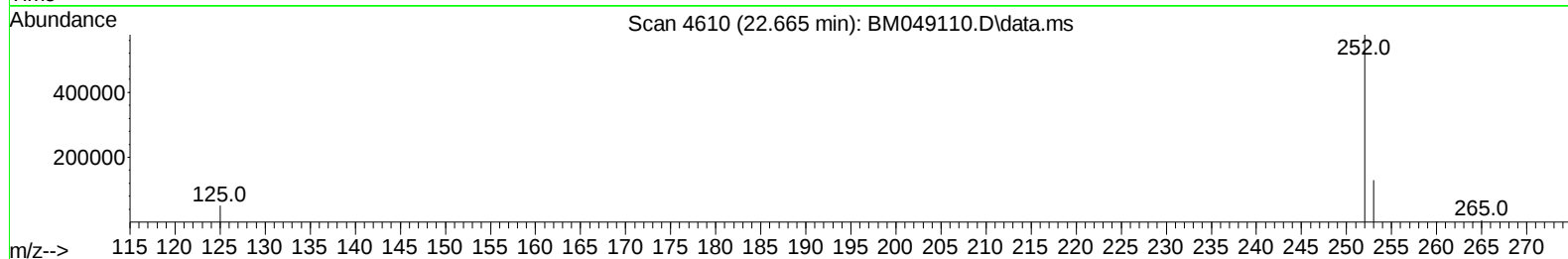
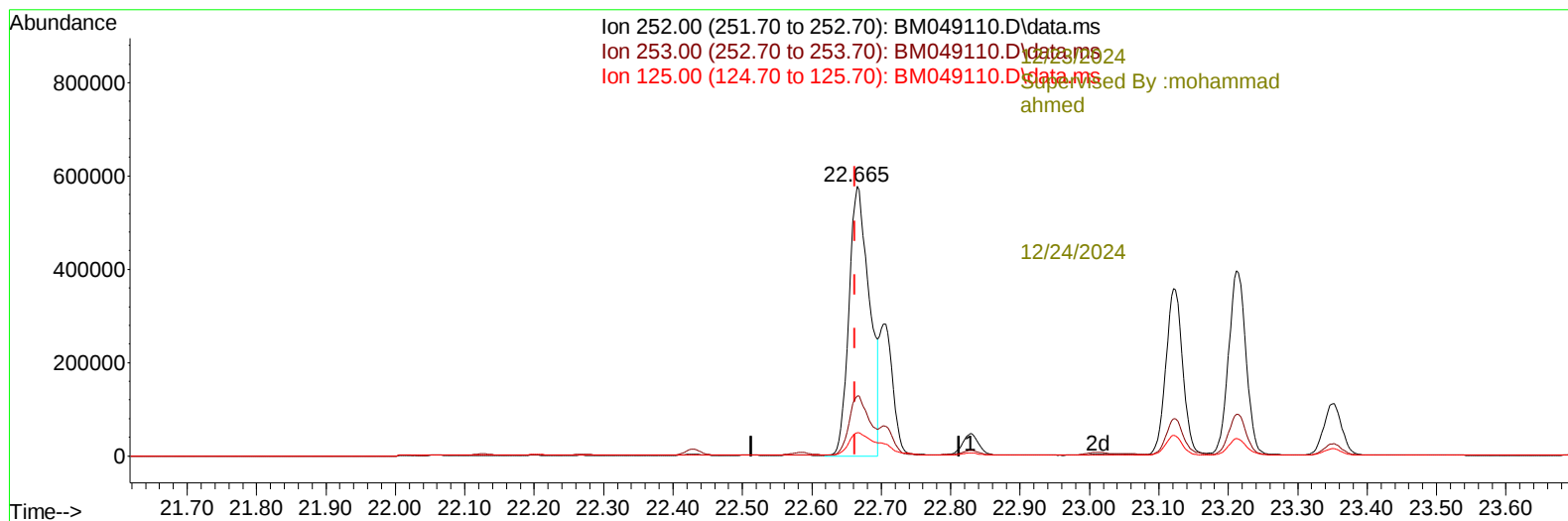
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(24) Benzo(b)fluoranthene

22.665min (+ 0.002) 11.93 ng/ul m

response 1186263

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	22.34
125.00	15.40	8.72
0.00	0.00	0.00

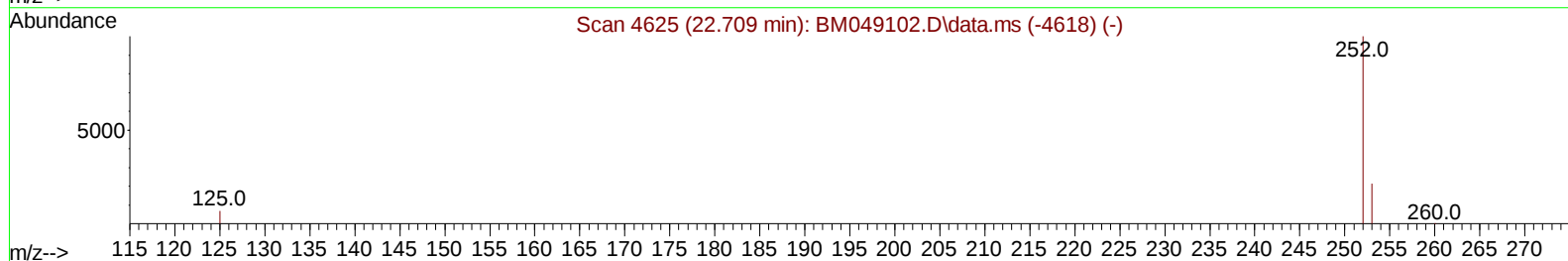
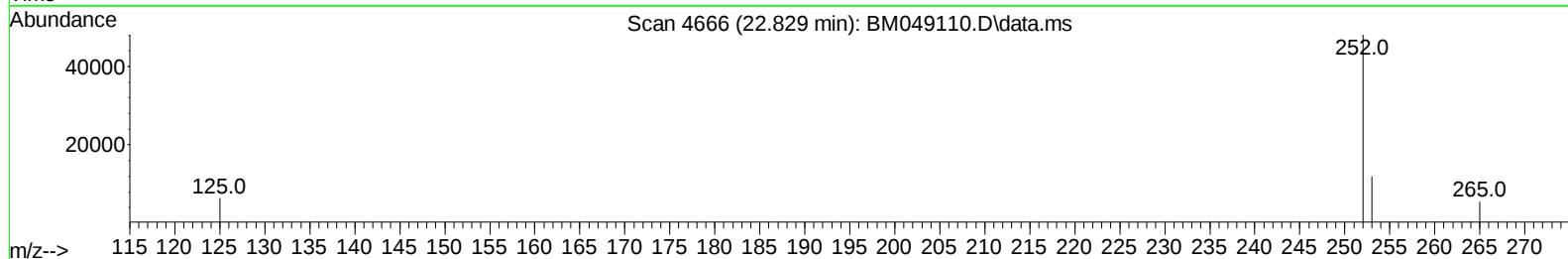
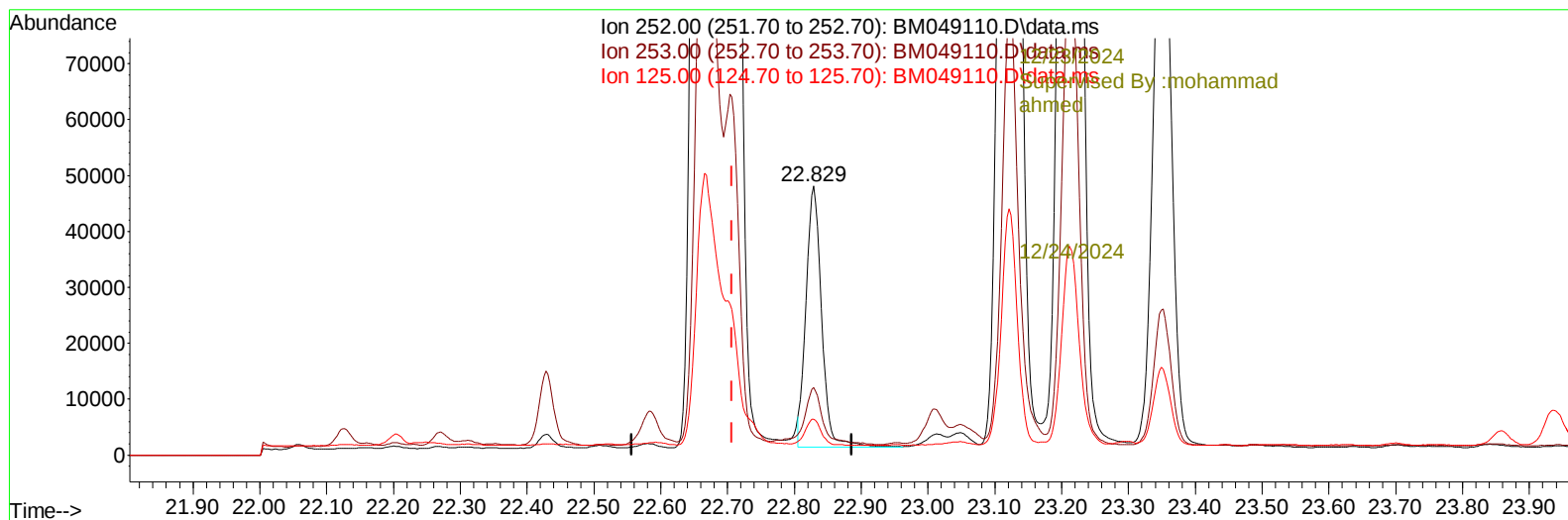
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(25) Benzo(k)fluoranthene

22.829min (+ 0.122) 0.70 ng/u1

response 76069

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	25.05
125.00	15.70	13.43
0.00	0.00	0.00

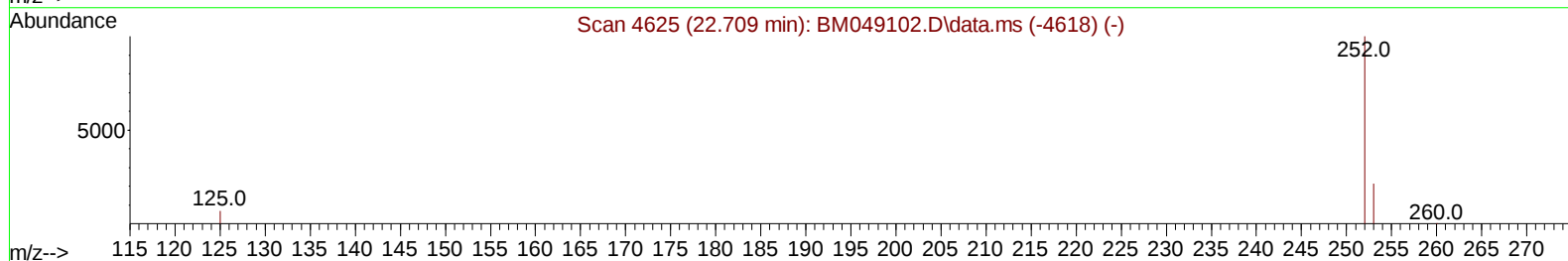
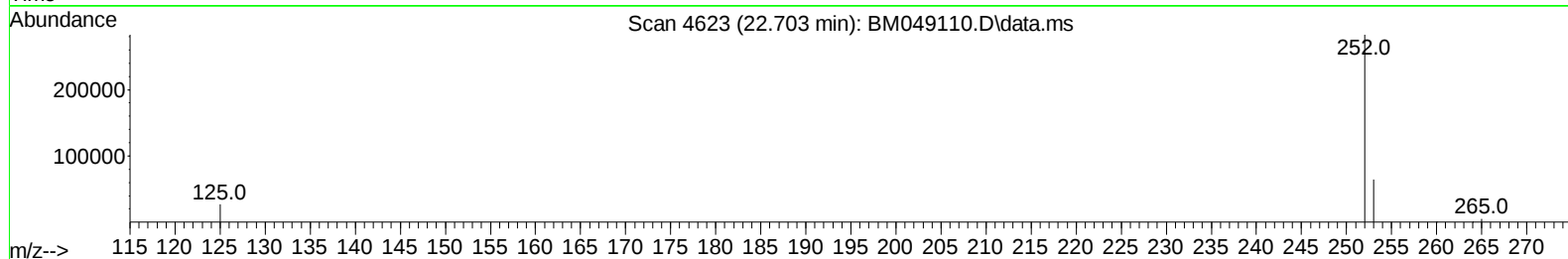
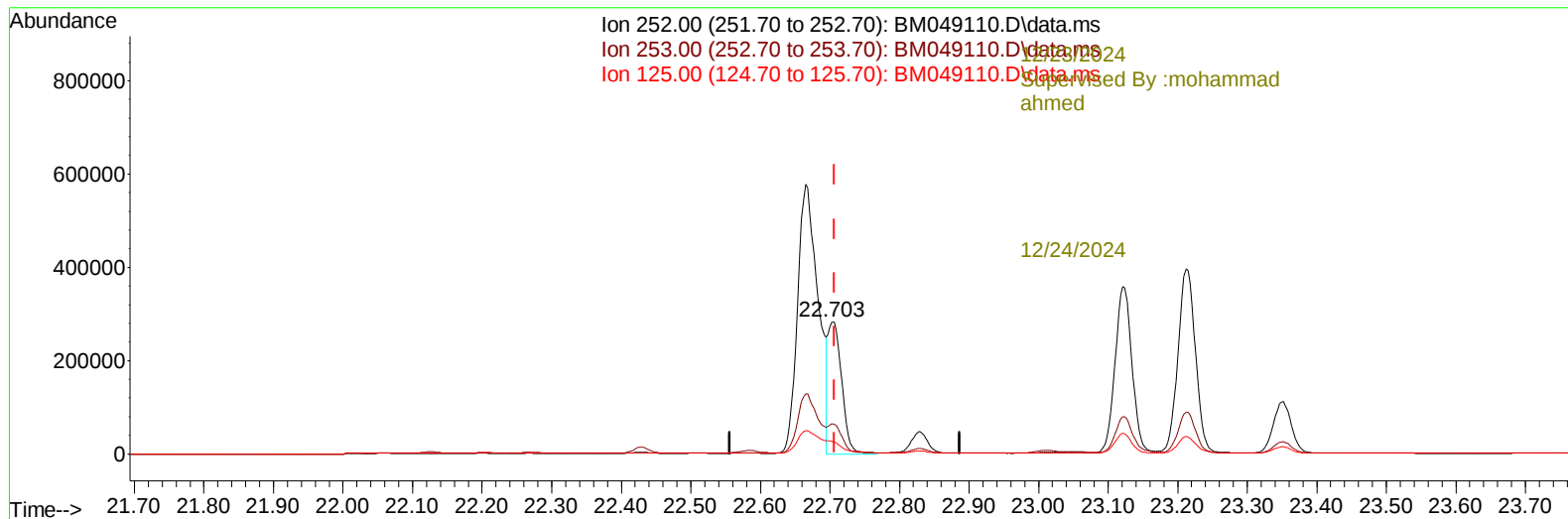
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(25) Benzo(k)fluoranthene

22.703min (-0.003) 3.55 ng/u1 m

response 387537

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	22.81
125.00	15.70	9.55#
0.00	0.00	0.00

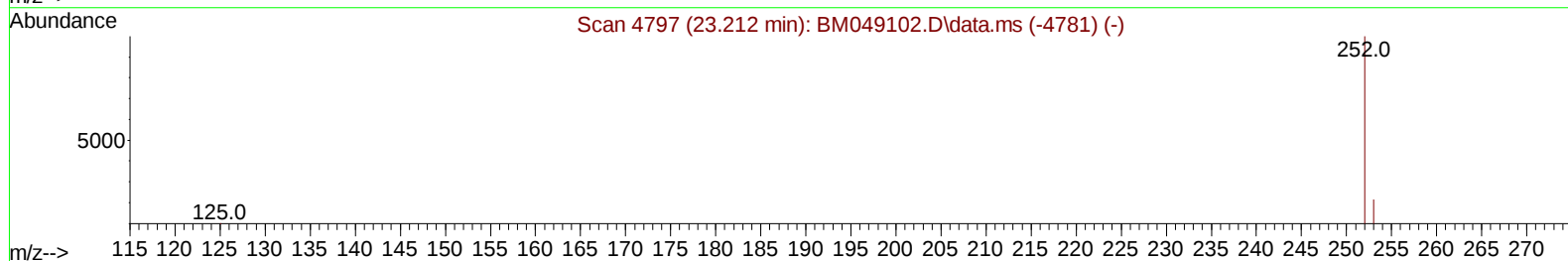
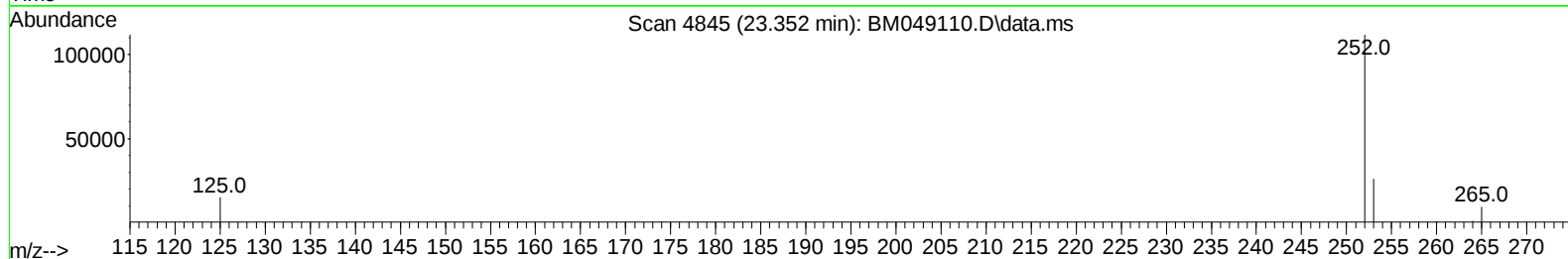
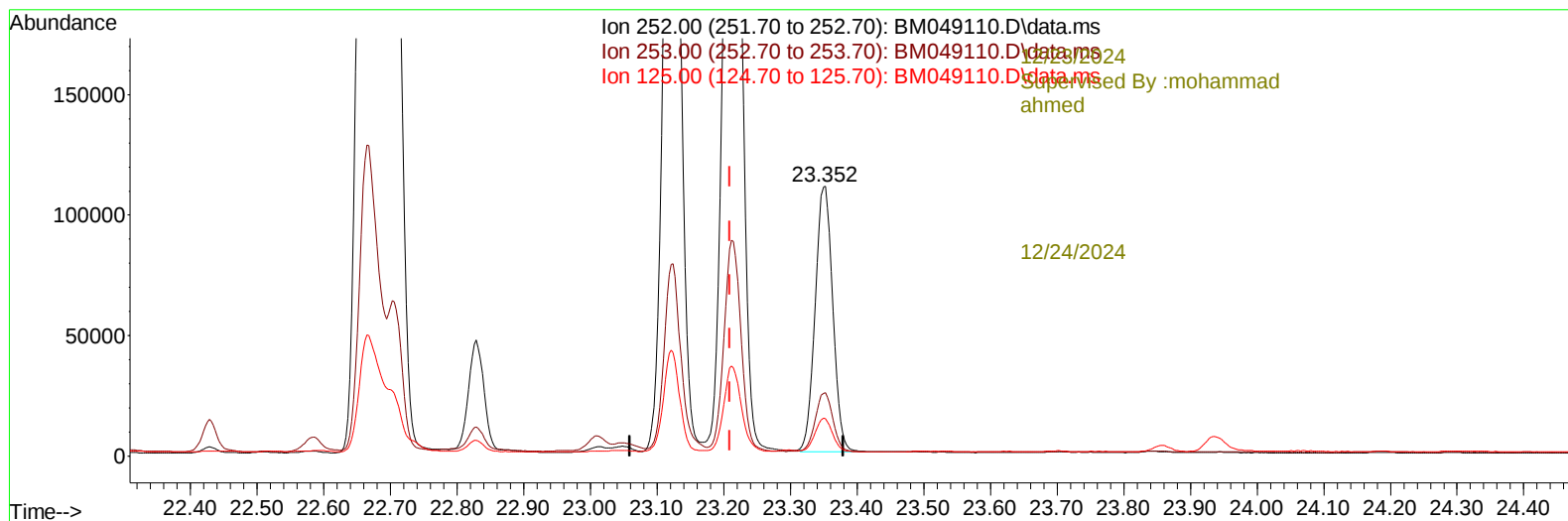
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(26) Benzo(a)pyrene (C)

23.352min (+ 0.143) 2.10 ng/u1

response 200516

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	23.37
125.00	18.50	13.70#
0.00	0.00	0.00

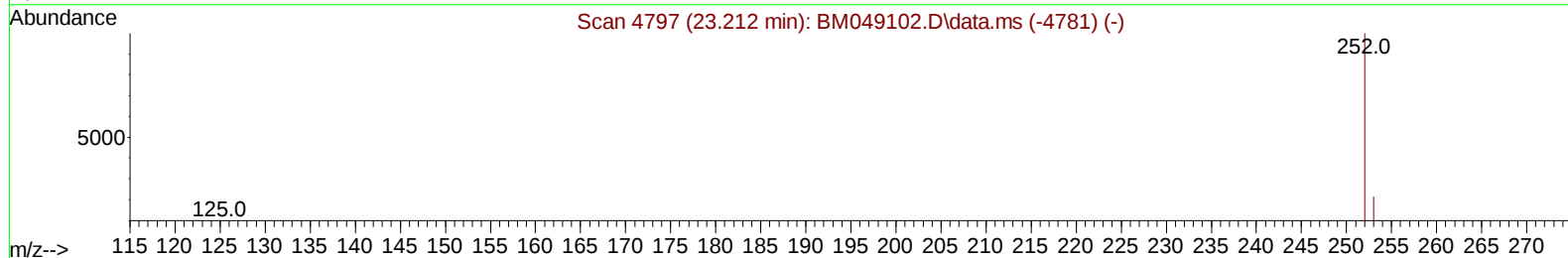
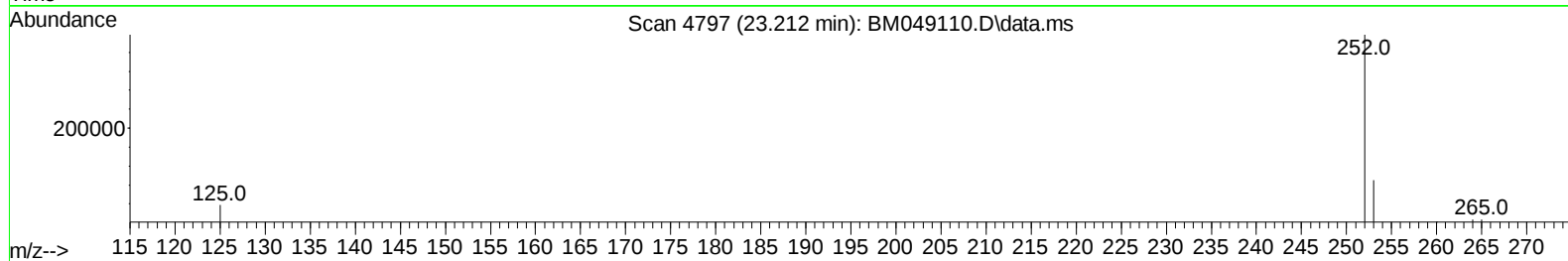
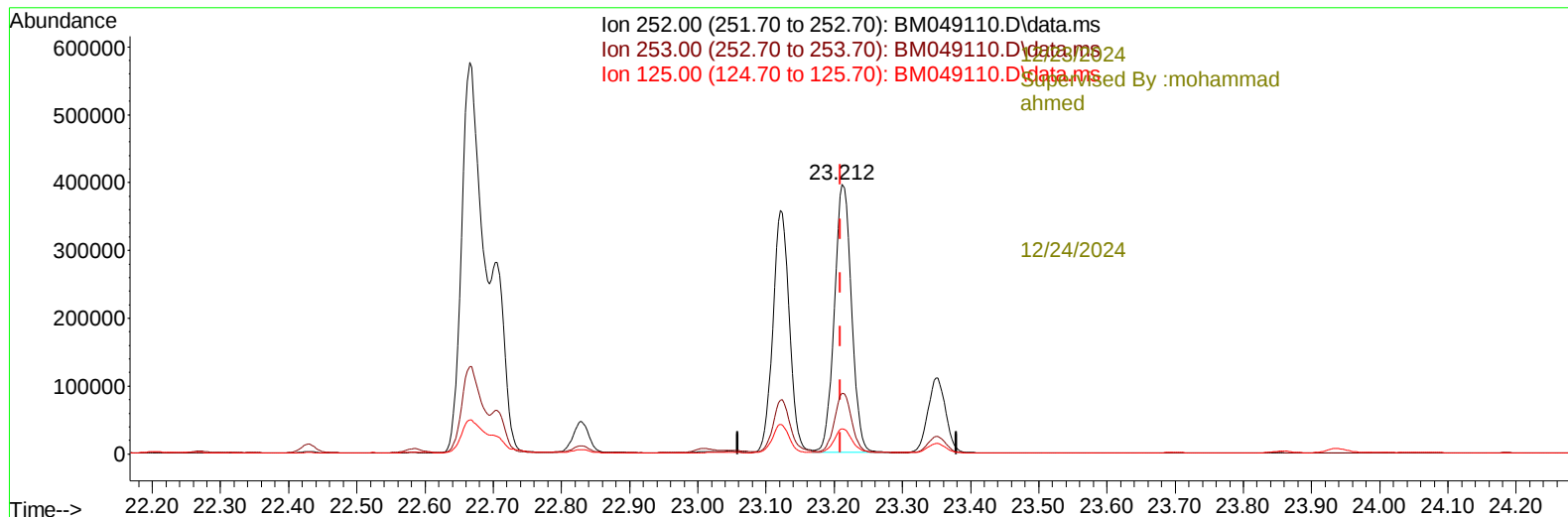
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

(26) Benzo(a)pyrene (C)

23.212min (+ 0.003) 7.25 ng/ul m

response 690633

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	22.54
125.00	18.50	9.40#
0.00	0.00	0.00

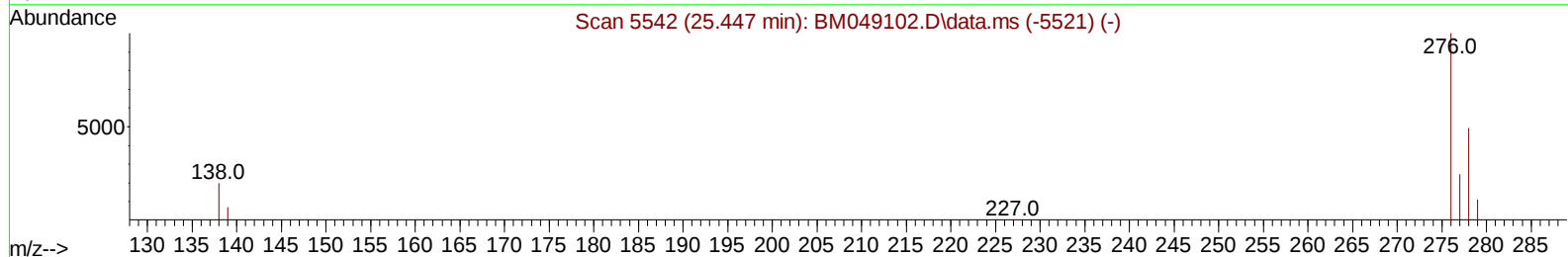
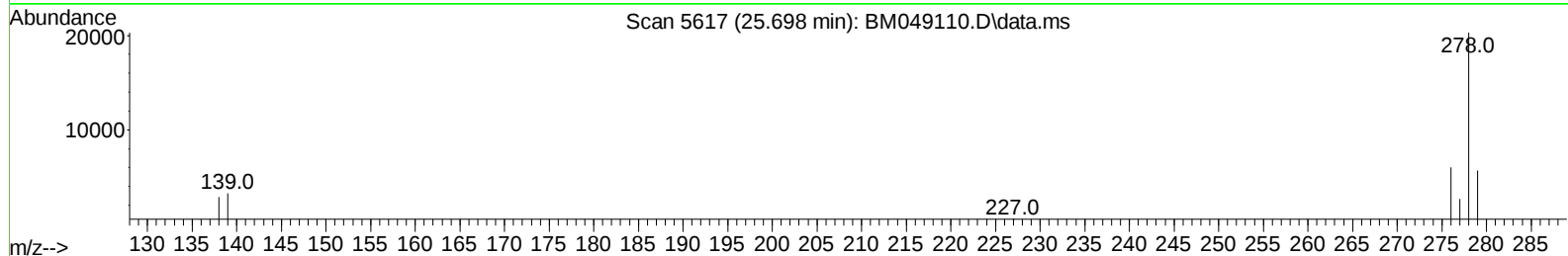
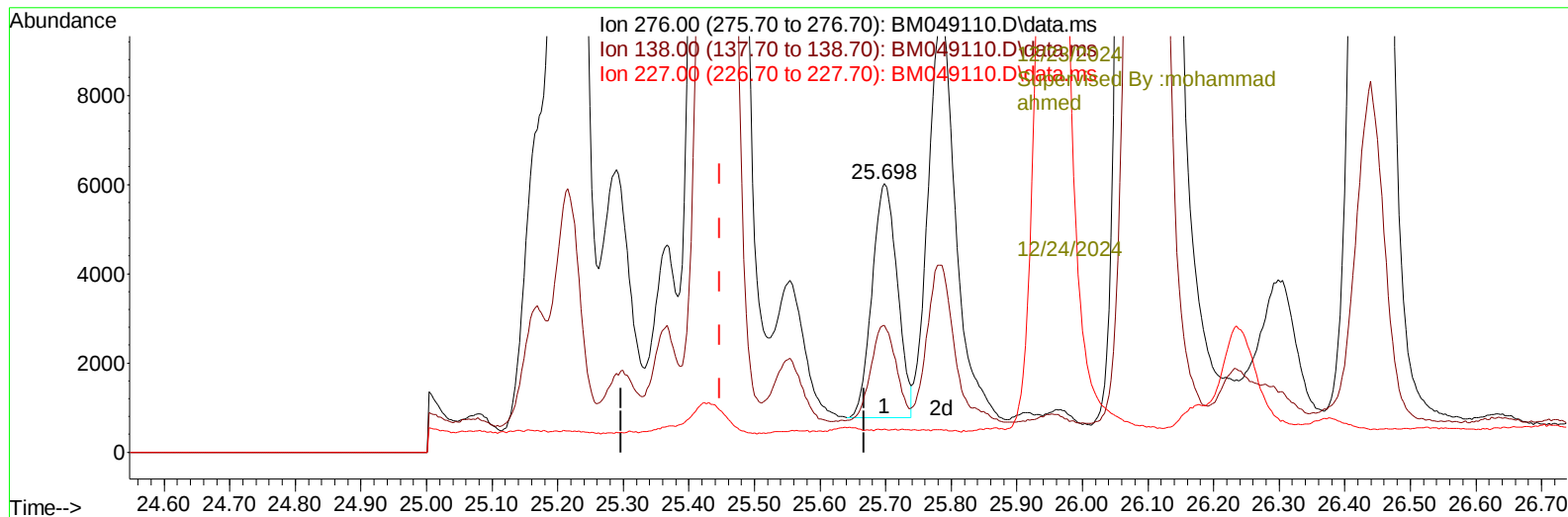
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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: BM049110.D\data.ms

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

25.698min (+ 0.251) 0.10 ng/u1

response 14102

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	41.04#
227.00	0.20	0.00#
0.00	0.00	0.00

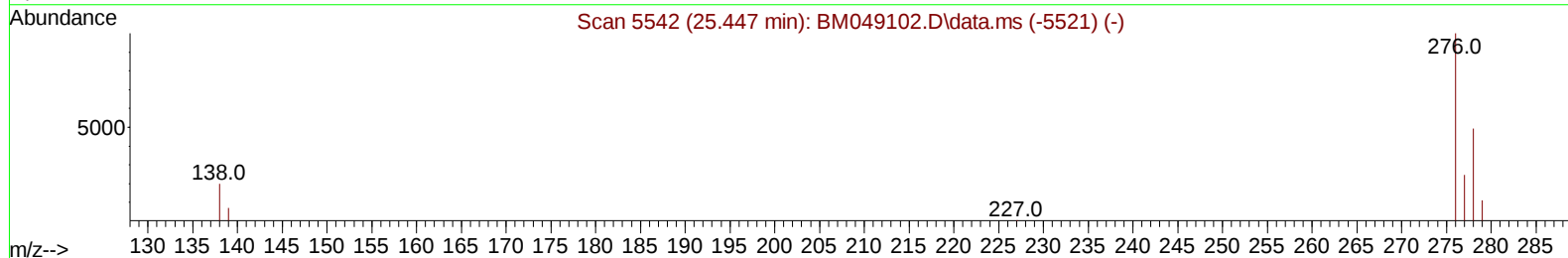
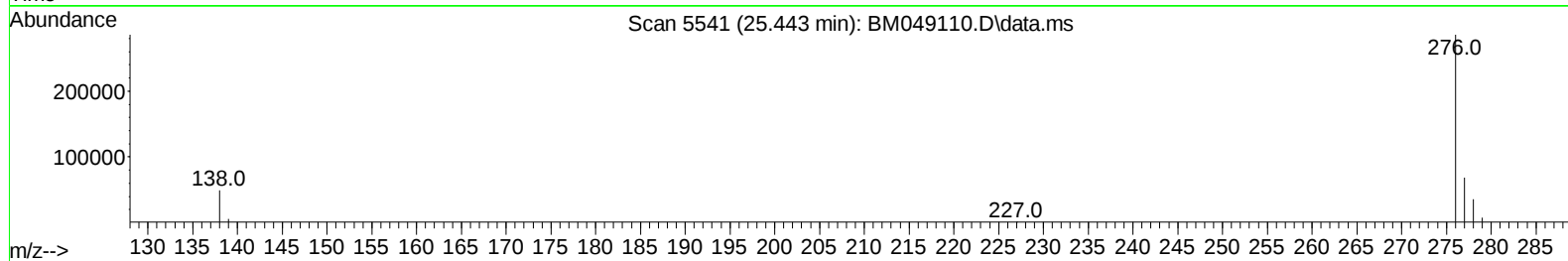
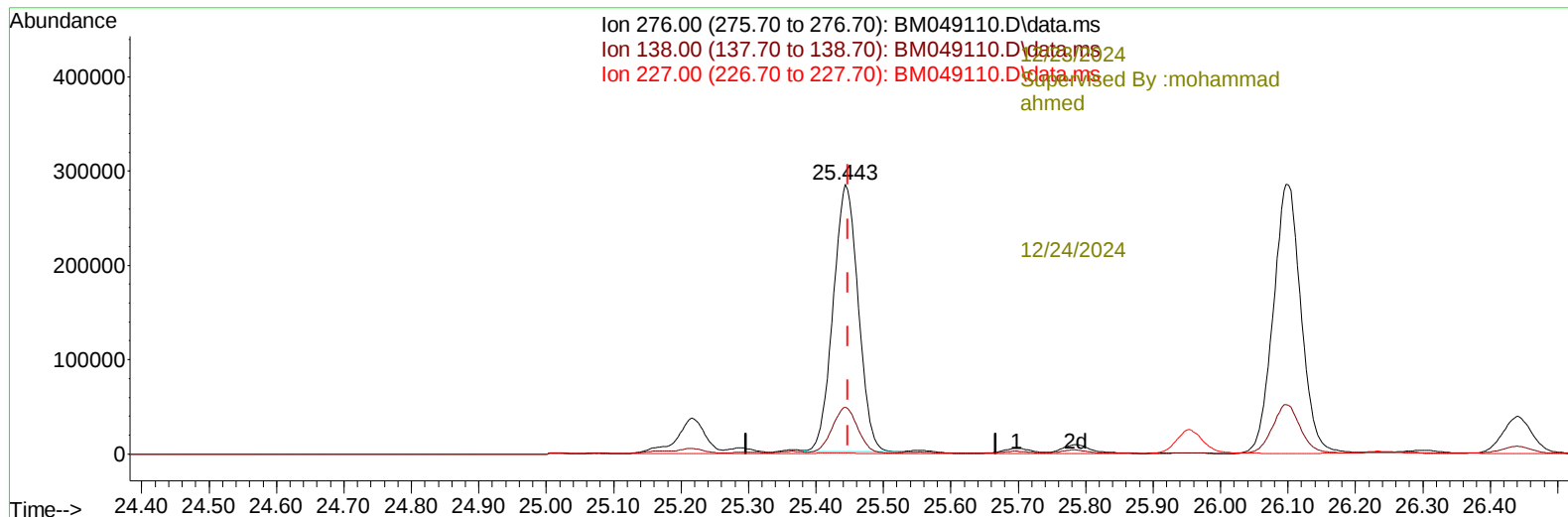
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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
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TIC: BM049110.D\data.ms

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

25.443min (-0.004) 5.42 ng/ul m

response 731378

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	0.79#
227.00	0.20	0.00#
0.00	0.00	0.00

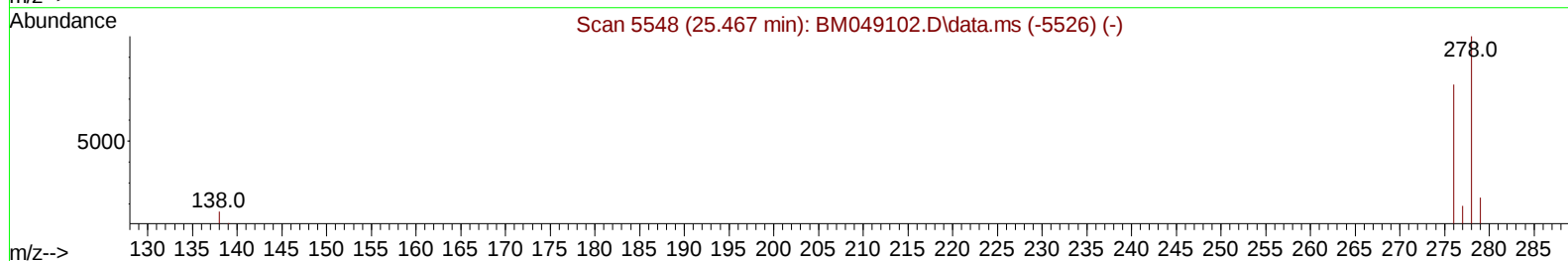
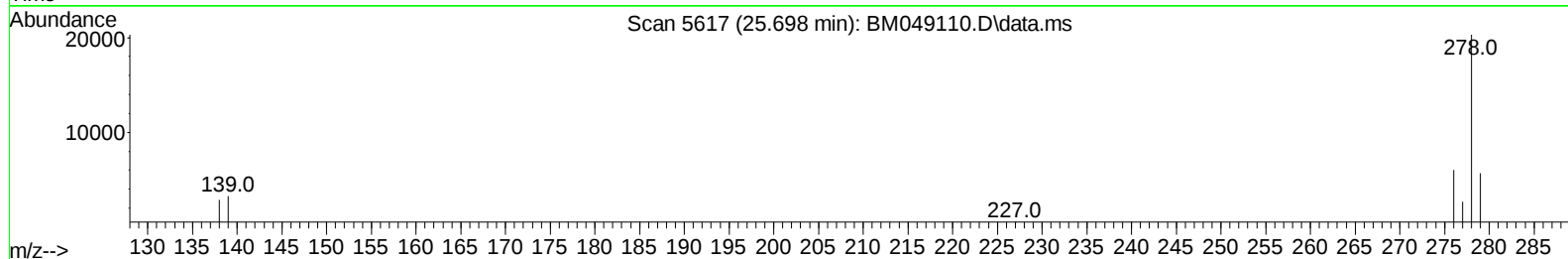
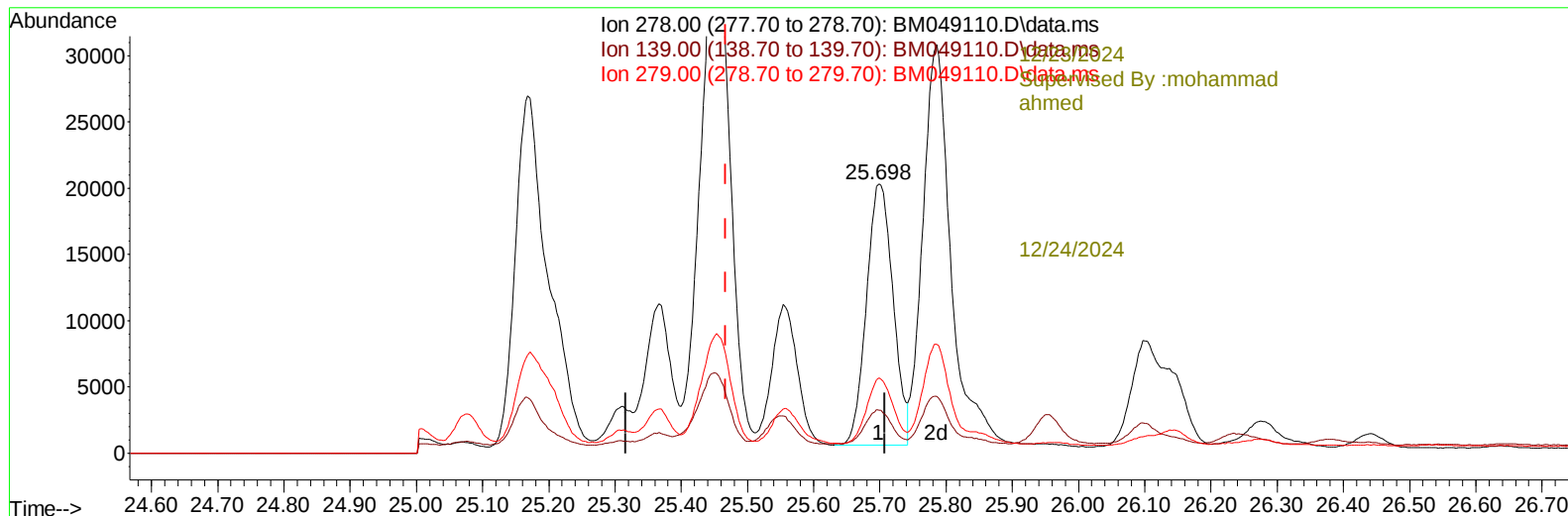
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 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
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TIC: BM049110.D\data.ms

(28) Dibenzo(a,h)anthracene

25.698min (+ 0.231) 0.53 ng/u1

response 55280

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	16.00
279.00	26.90	27.92
0.00	0.00	0.00

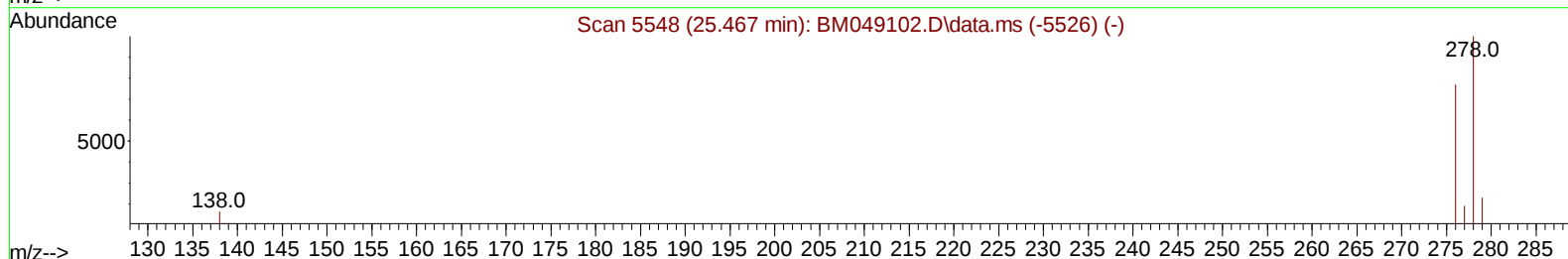
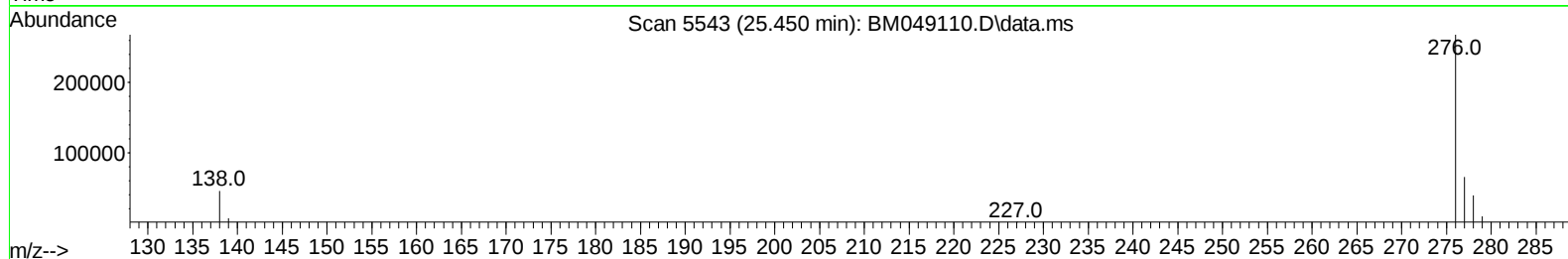
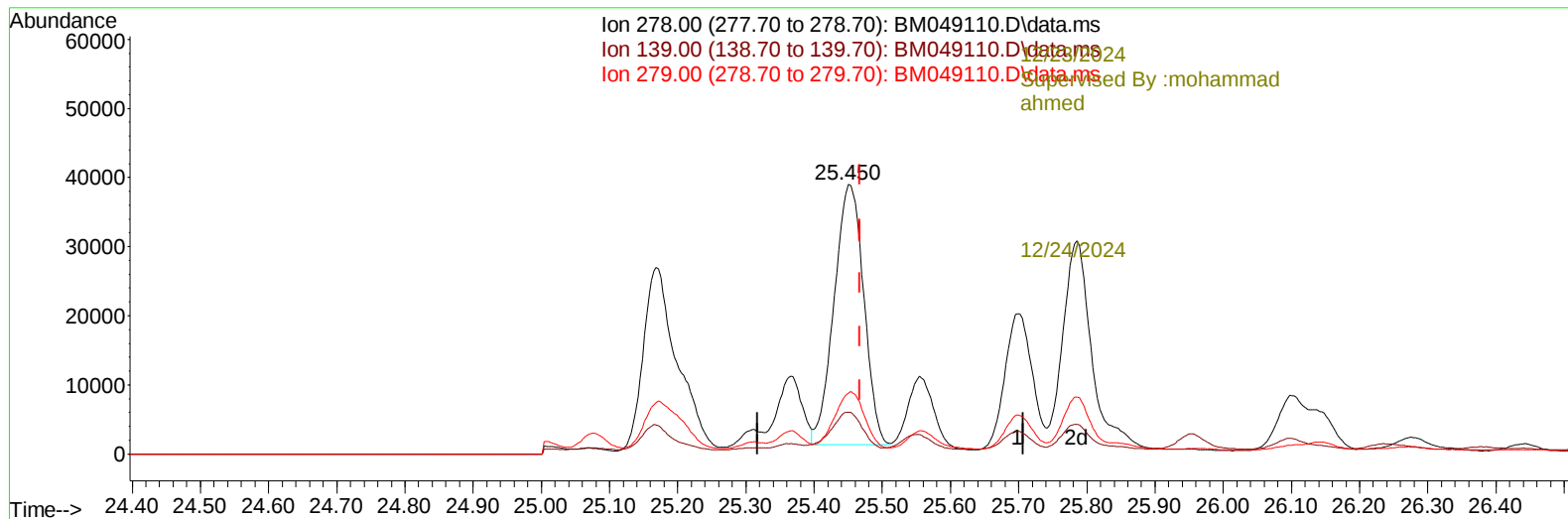
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 2024
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TIC: BM049110.D\data.ms

(28) Dibenzo(a,h)anthracene

25.450min (-0.017) 1.09 ng/ul m

response 113730

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	15.53
279.00	26.90	22.64
0.00	0.00	0.00

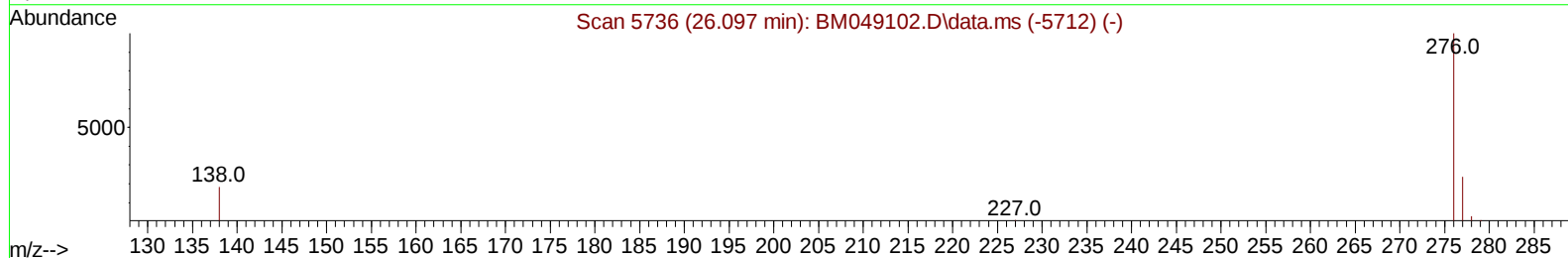
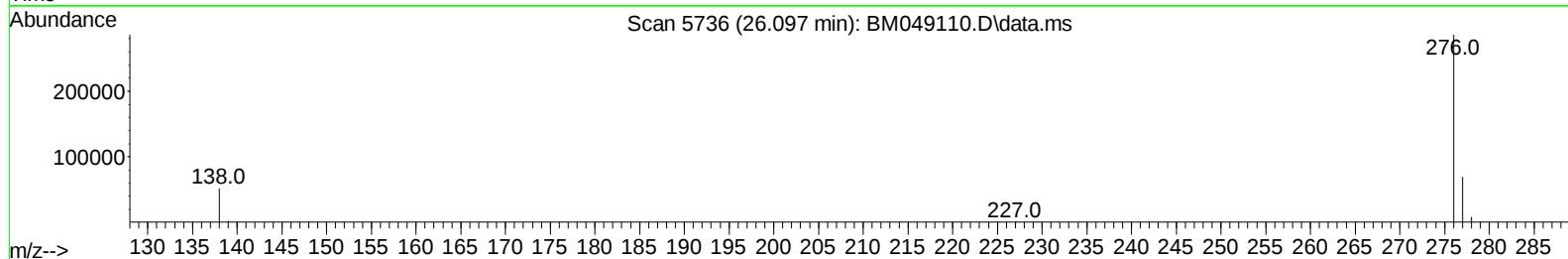
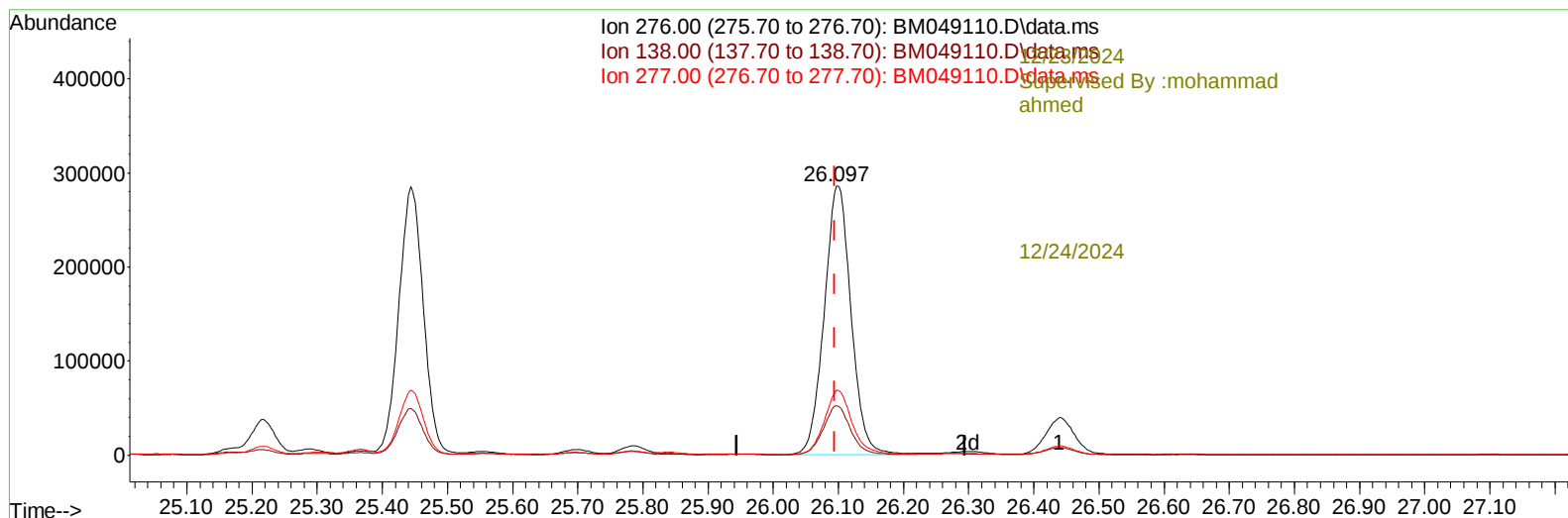
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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TIC: BM049110.D\data.ms

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

26.097min (+ 0.003) 7.53 ng/ul m

response 817024

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	18.19
277.00	24.90	24.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049110.D
 Acq On : 20 Dec 2024 21:01
 Operator : RC/JU
 Sample : P5265-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
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Quant Time: Dec 20 22:11:19 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----12/23/2024						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	9512	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	29566	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	16786	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	37786m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	28692m	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	31113m	0.400	ng/ul	0.00
-----12/24/2024						
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	50108	4.568	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	10732	0.270	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	18235m	0.224	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	4417	0.060	ng/ul#	90
7) 2-Methylnaphthalene	11.992	142	4039	0.086	ng/ul	98
8) 1-Methylnaphthalene	12.218	142	4299	0.090	ng/ul	100
10) Acenaphthylene	13.910	152	12662	0.182	ng/ul	96
11) Acenaphthene	14.257	153	13984	0.275	ng/ul	100
12) Fluorene	15.251	166	11598	0.202	ng/ul	97
15) Phenanthrene	16.985	178	982880m	9.959	ng/ul	
16) Anthracene	17.074	178	35617m	0.393	ng/ul	
19) Fluoranthene	19.011	202	2283590m	22.013	ng/ul	
20) Pyrene	19.374	202	2047503m	18.507	ng/ul	
21) Benzo(a)anthracene	21.131	228	494844m	4.958	ng/ul	
22) Chrysene	21.181	228	776050m	7.245	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	1186263m	11.934	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	387537m	3.553	ng/ul	
26) Benzo(a)pyrene	23.212	252	690633m	7.245	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.443	276	731378m	5.421	ng/ul	
28) Dibenzo(a,h)anthracene	25.450	278	113730m	1.085	ng/ul	
29) Benzo(g,h,i)perylene	26.097	276	817024m	7.531	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:11:19 2024
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