

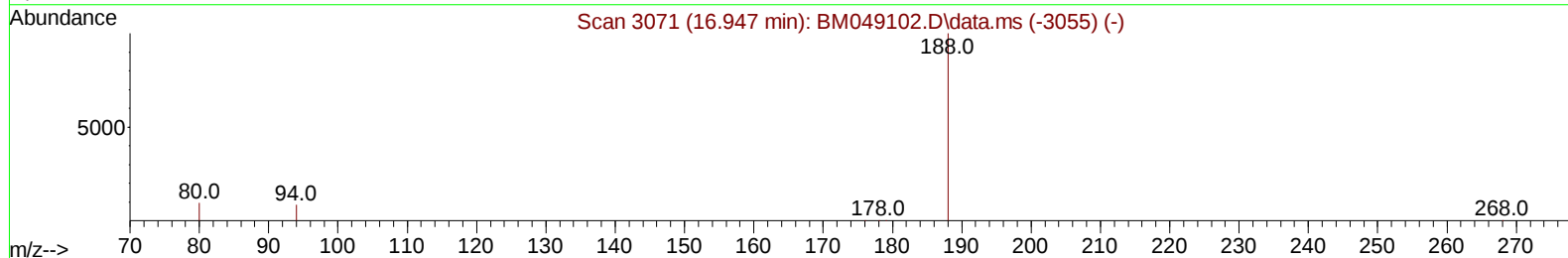
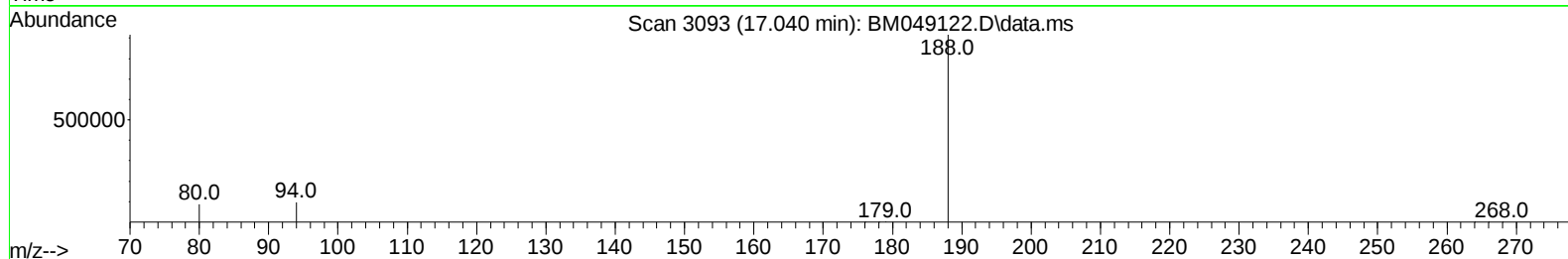
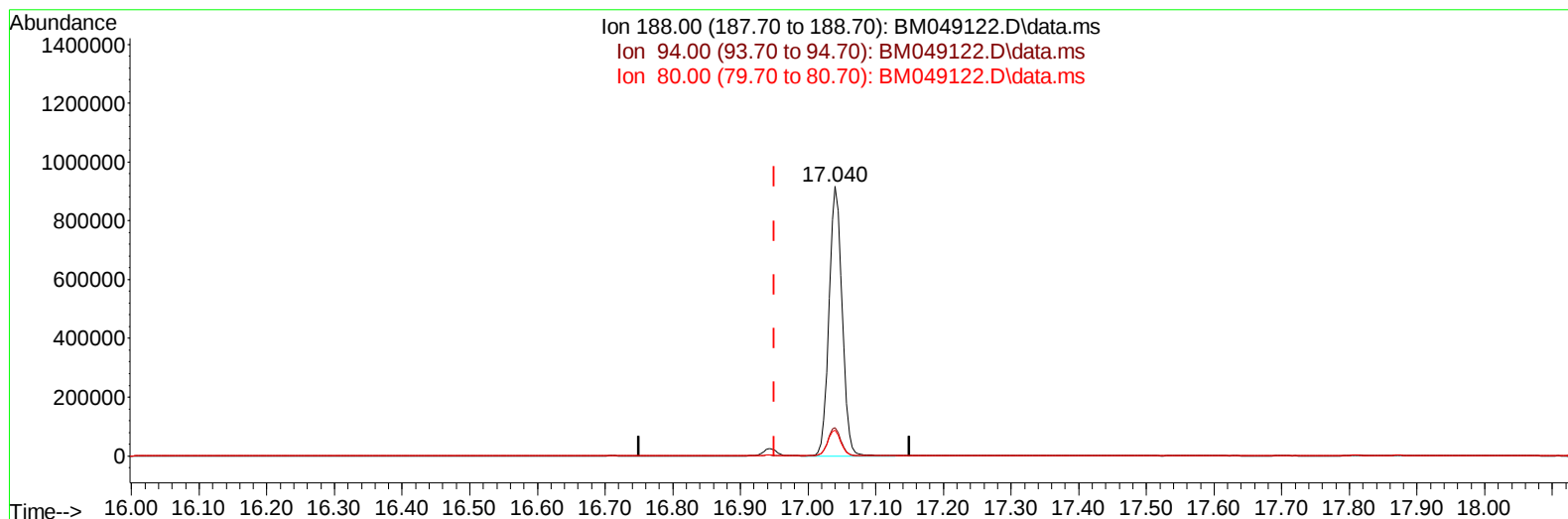
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(13) Phenanthrene-d10 (I)

17.040min (+ 0.090) 0.40 ng/u1

response 1230756

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	10.45
80.00	10.70	9.47
0.00	0.00	0.00

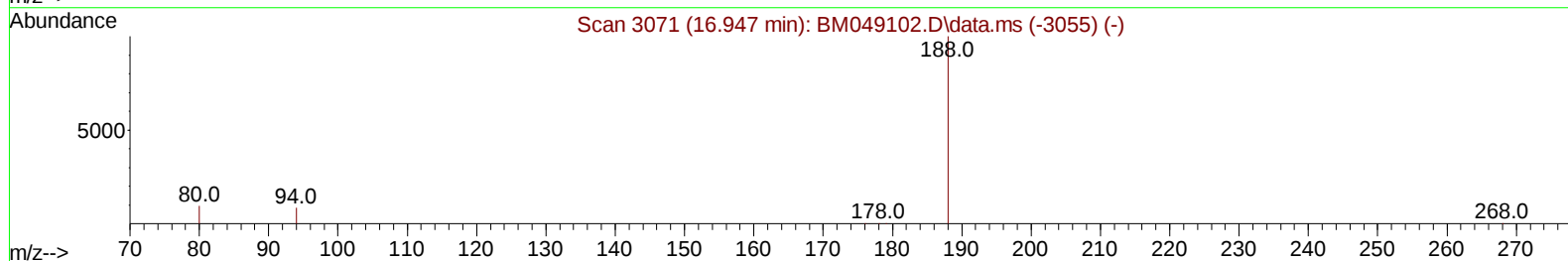
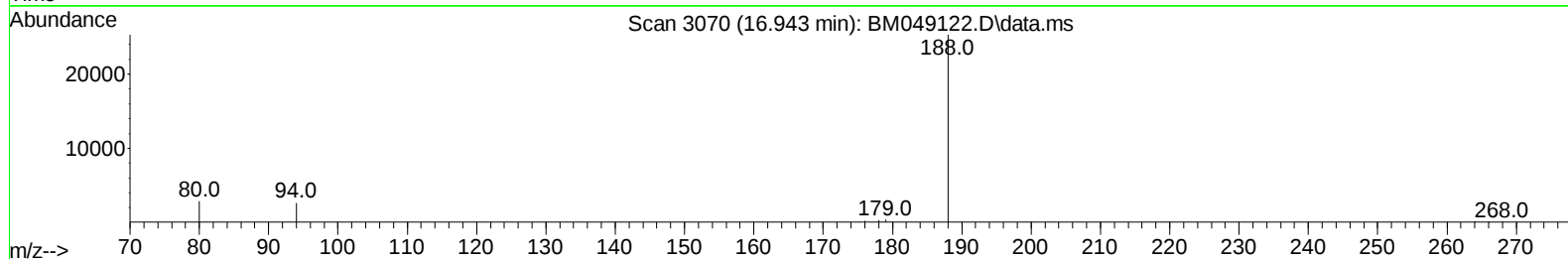
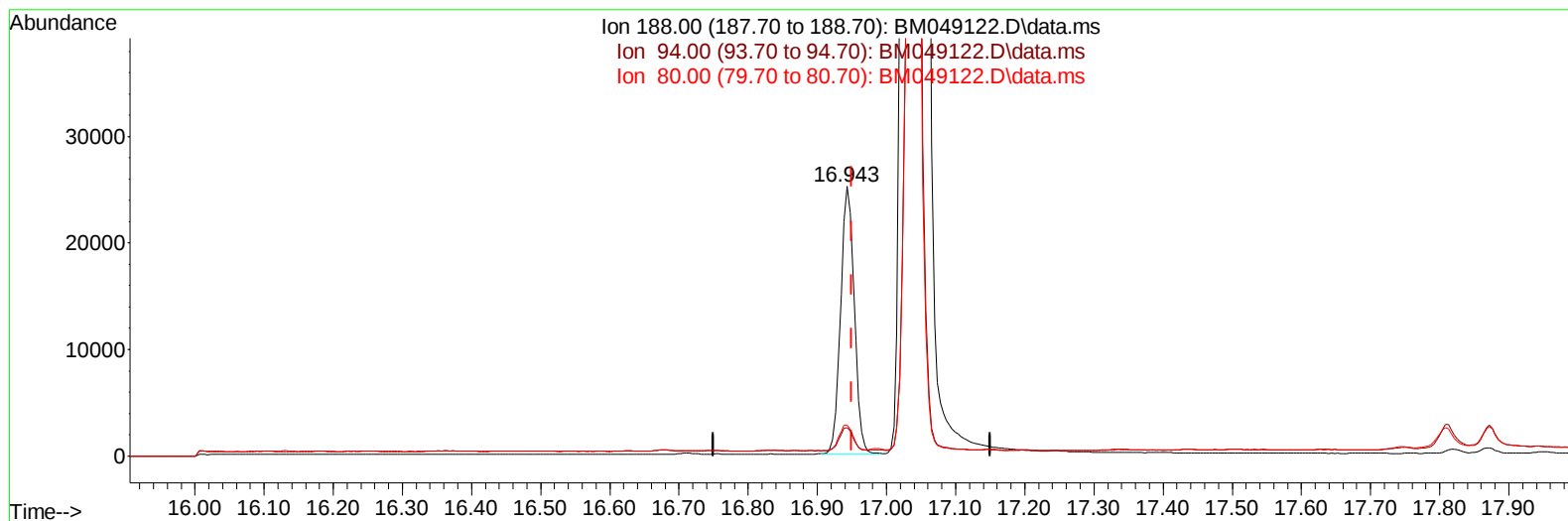
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(13) Phenanthrene-d10 (I)

16.943min (-0.007) 0.40 ng/ul m

response 34429

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	10.58
80.00	10.70	11.52
0.00	0.00	0.00

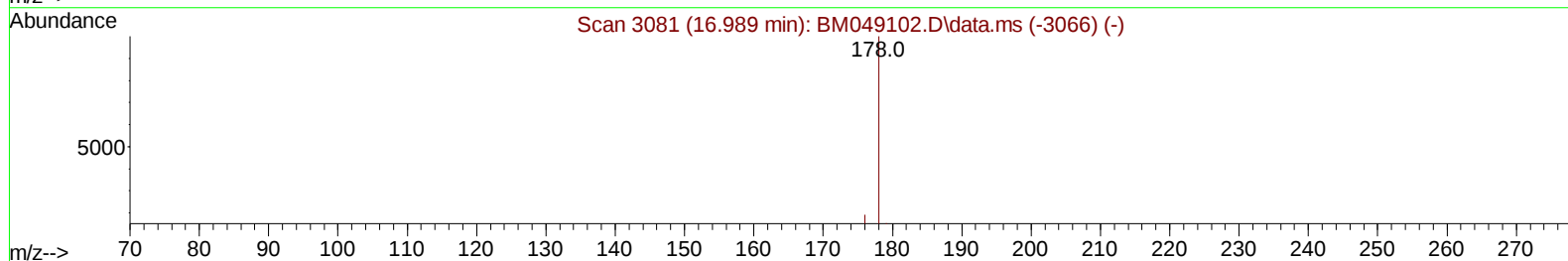
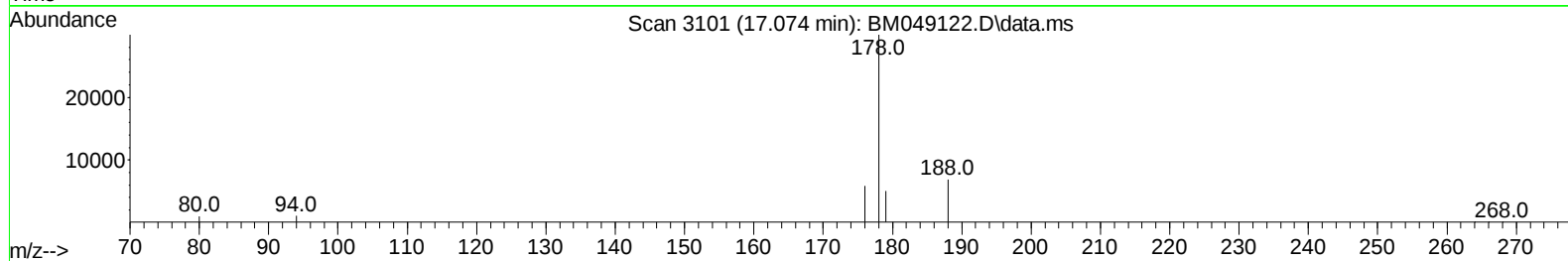
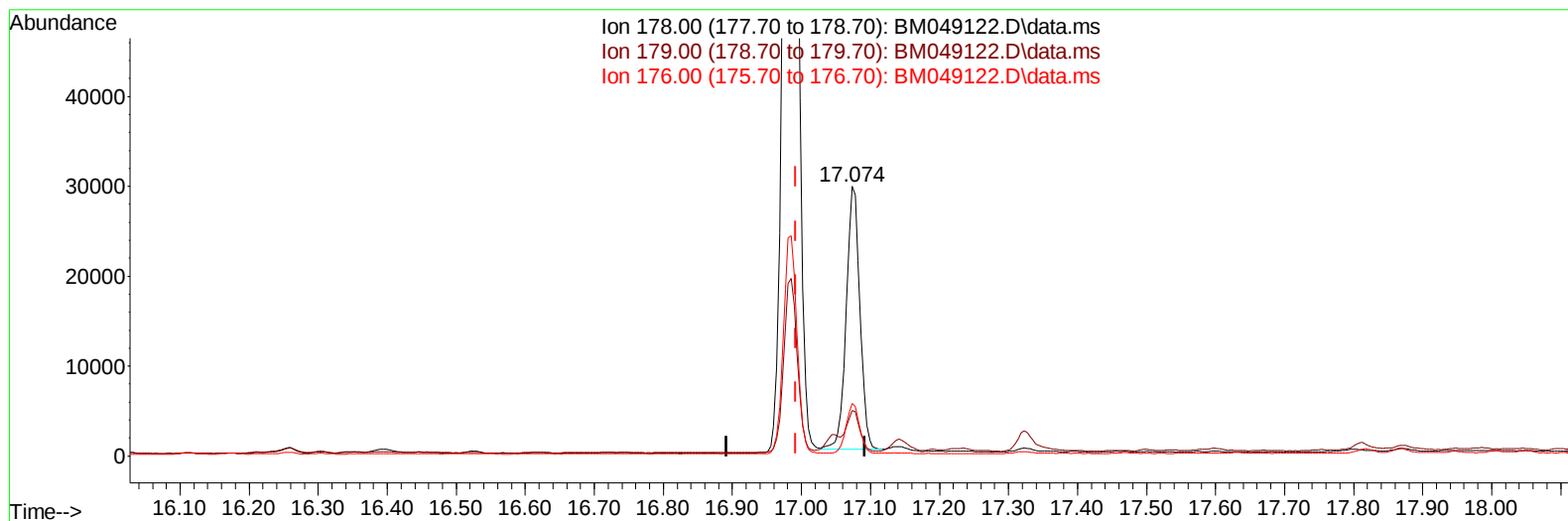
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(15) Phenanthrene

17.074min (+ 0.082) 0.45 ng/u1

response 40398

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.88
176.00	20.20	19.48
0.00	0.00	0.00

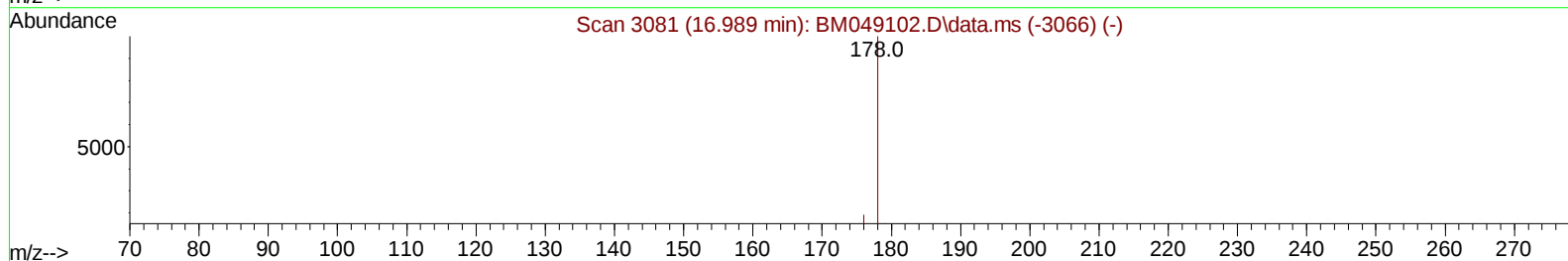
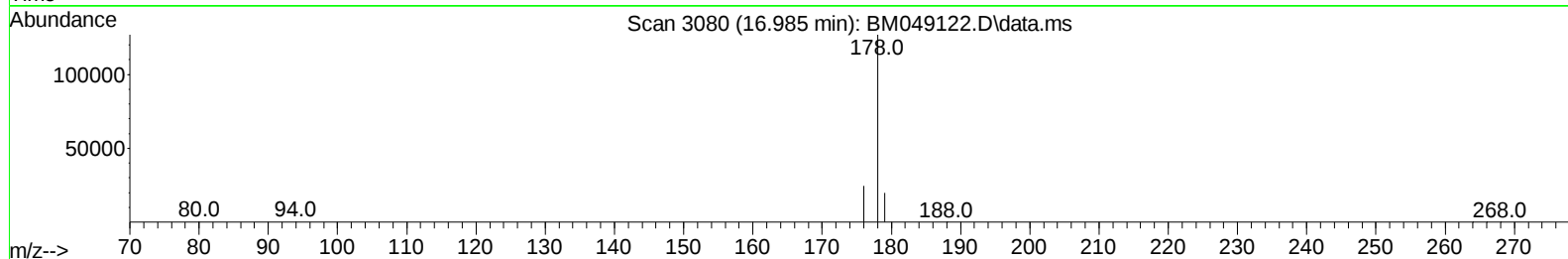
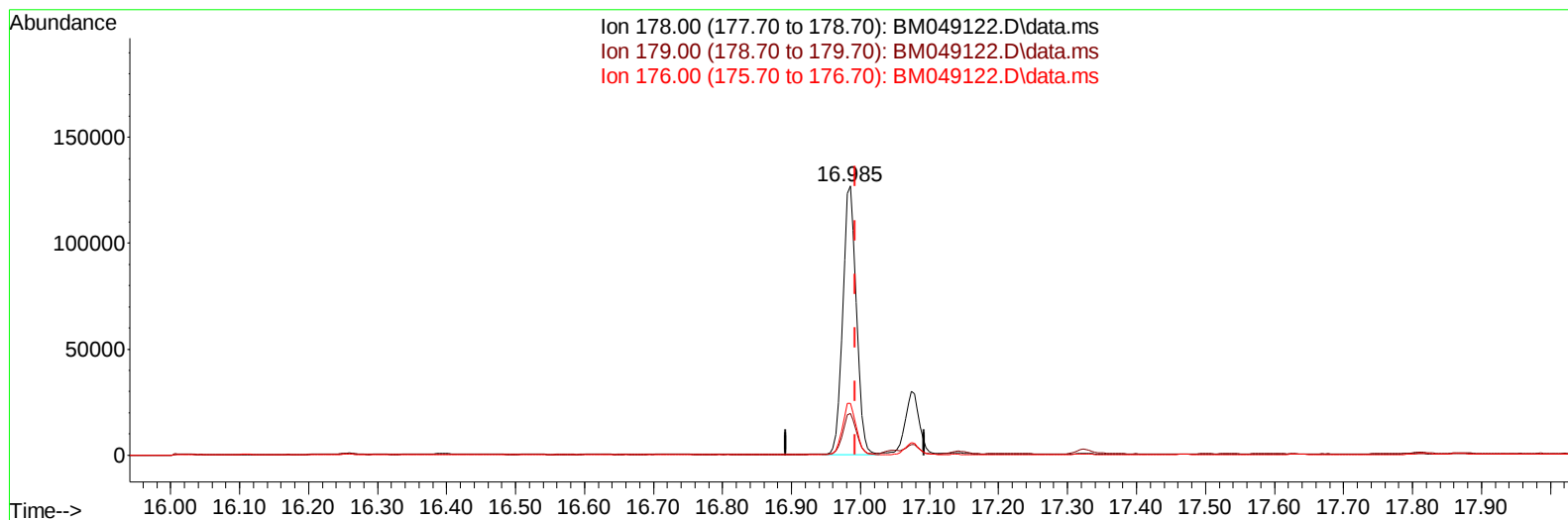
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(15) Phenanthrene

16.985min (-0.007) 1.92 ng/u1 m

response 173094

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.57
176.00	20.20	19.28
0.00	0.00	0.00

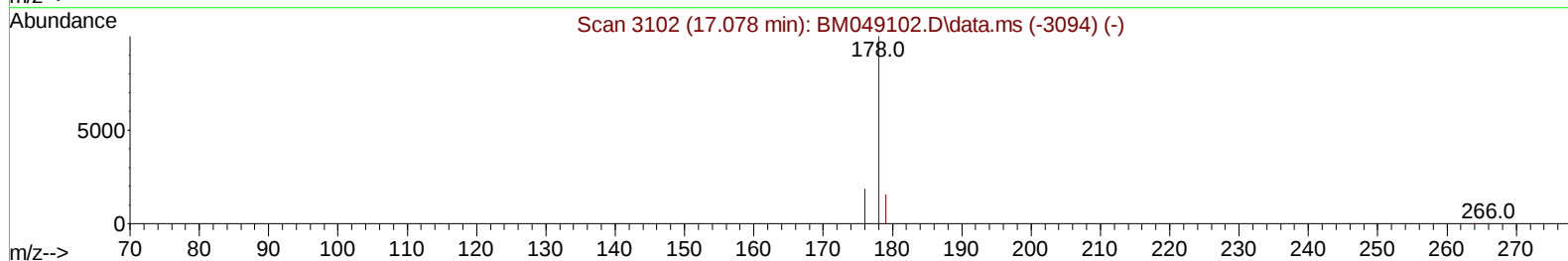
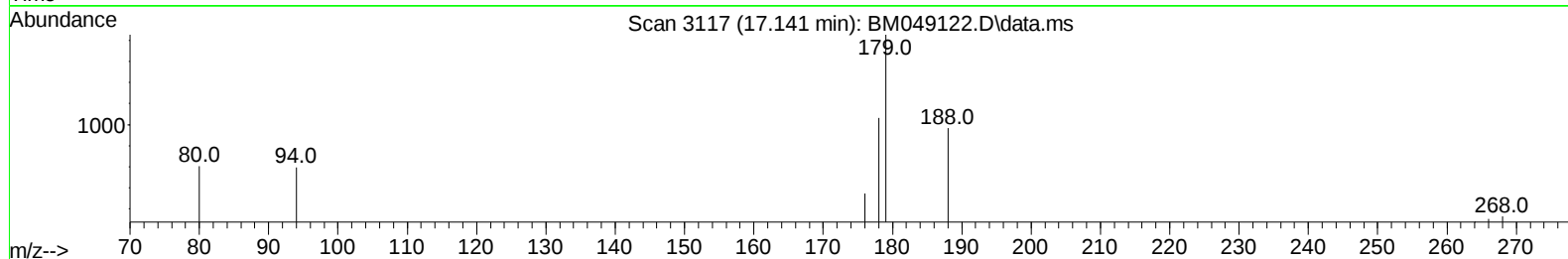
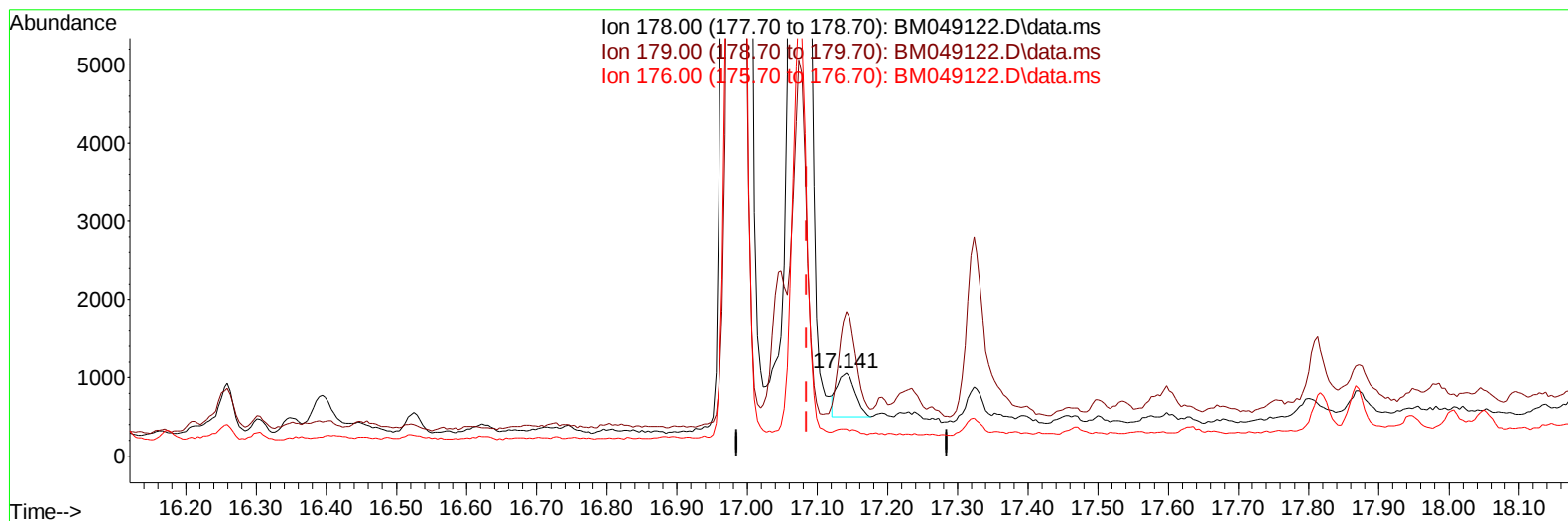
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(16) Anthracene

17.141min (+ 0.056) 0.01 ng/u1

response 999

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	174.06#
176.00	19.10	32.52#
0.00	0.00	0.00

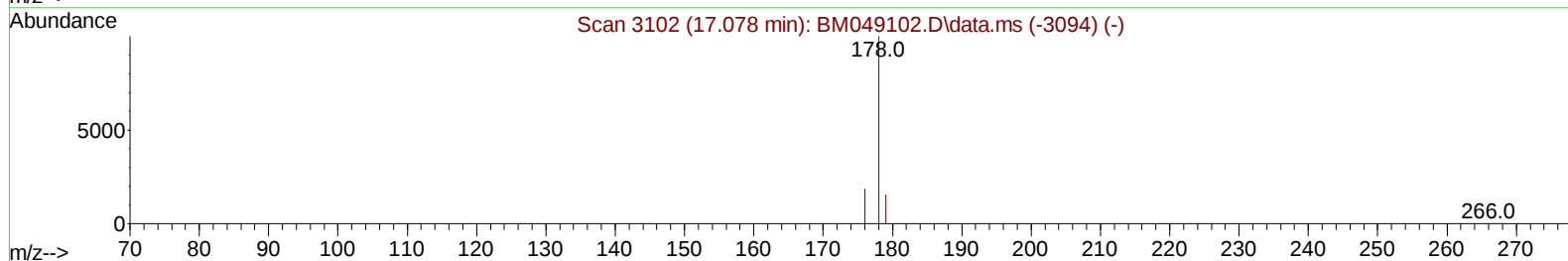
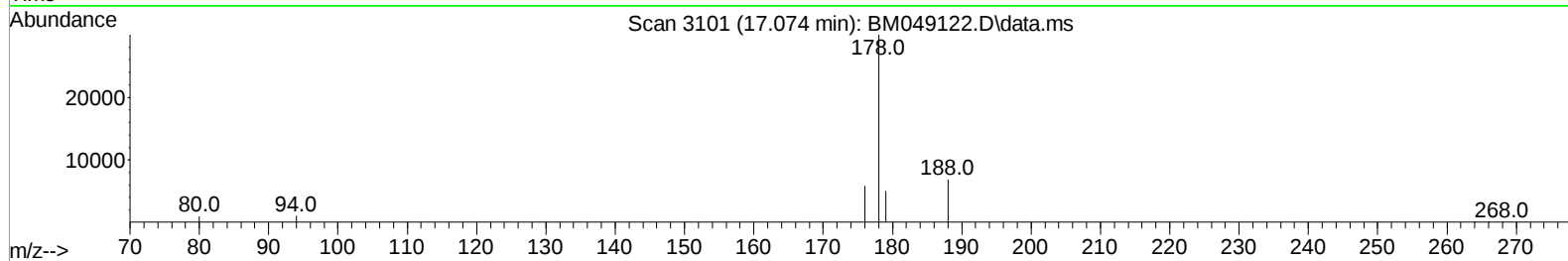
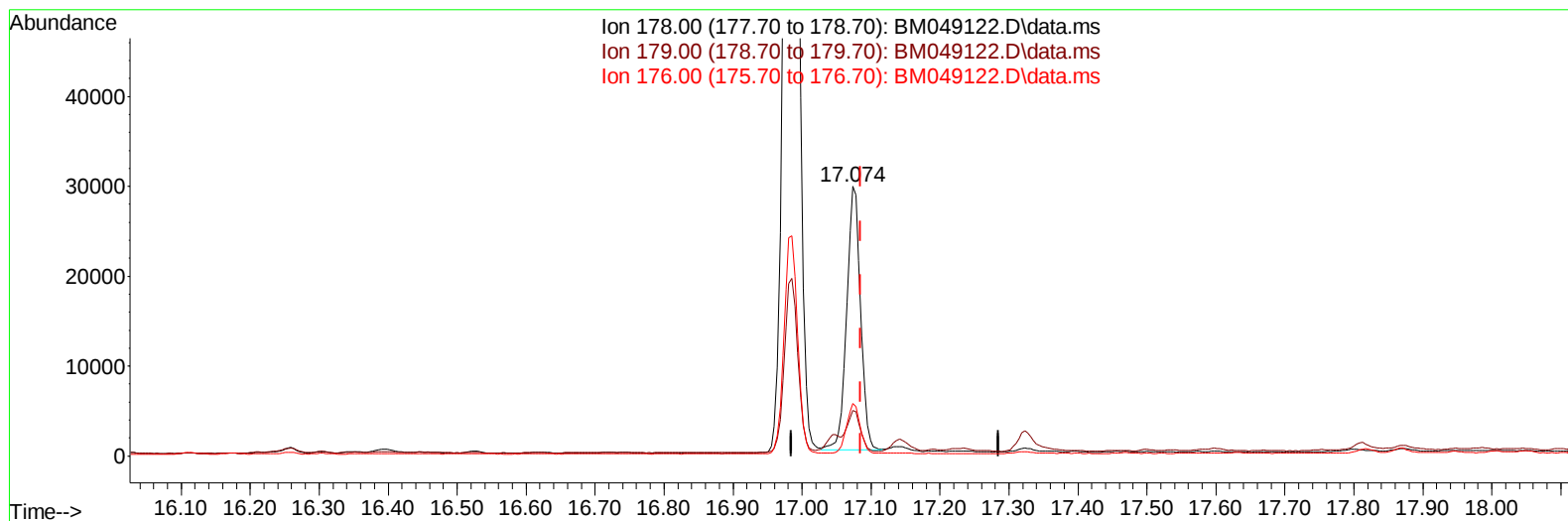
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(16) Anthracene

17.074min (-0.011) 0.49 ng/ul m

response 40632

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	16.88
176.00	19.10	19.48
0.00	0.00	0.00

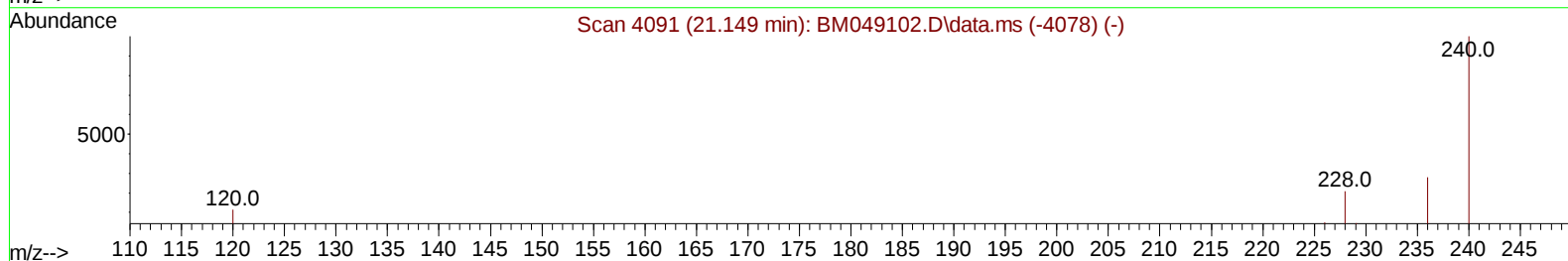
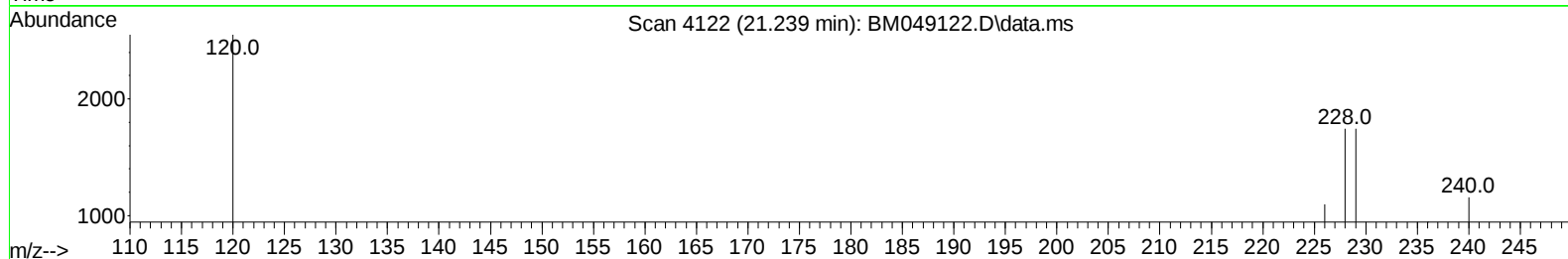
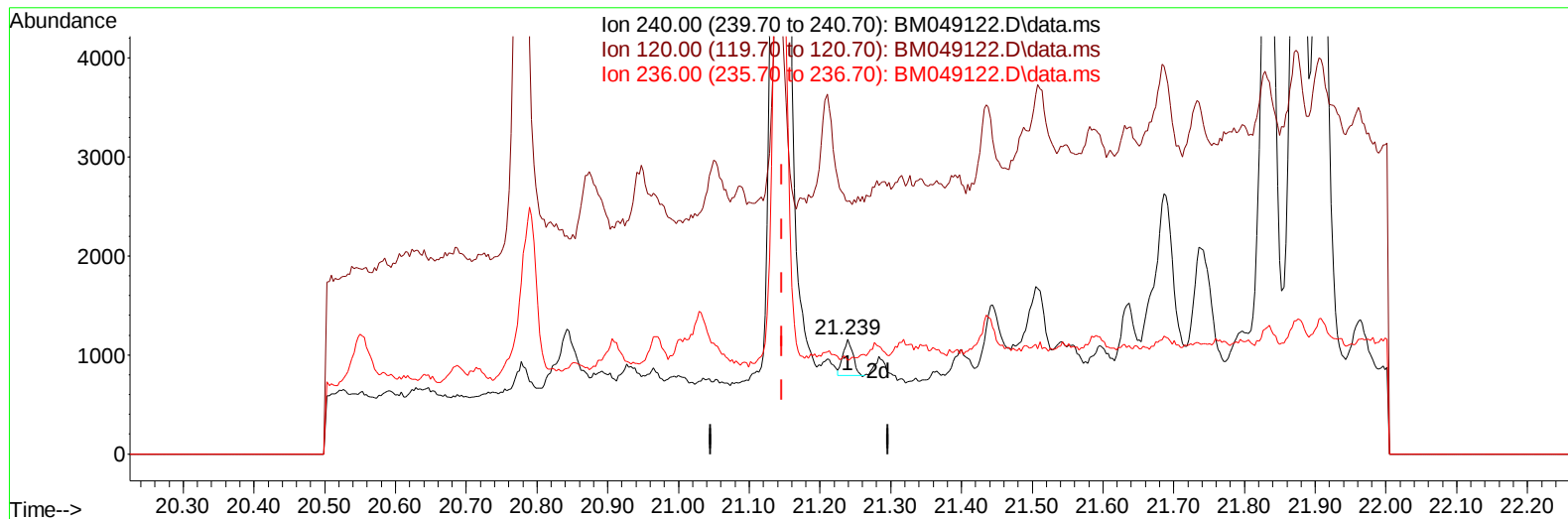
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(17) Chrysene-d12

21.239min (+ 0.093) 0.40 ng/u1

response 350

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	220.21#
236.00	29.80	81.52#
0.00	0.00	0.00

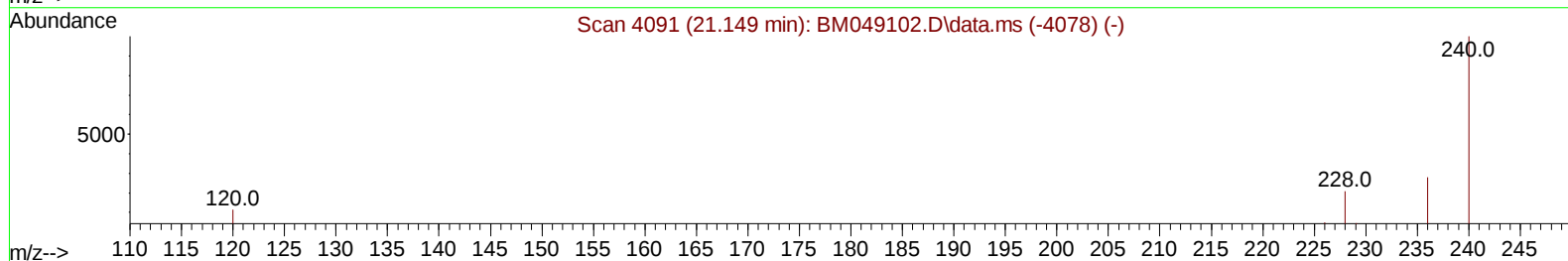
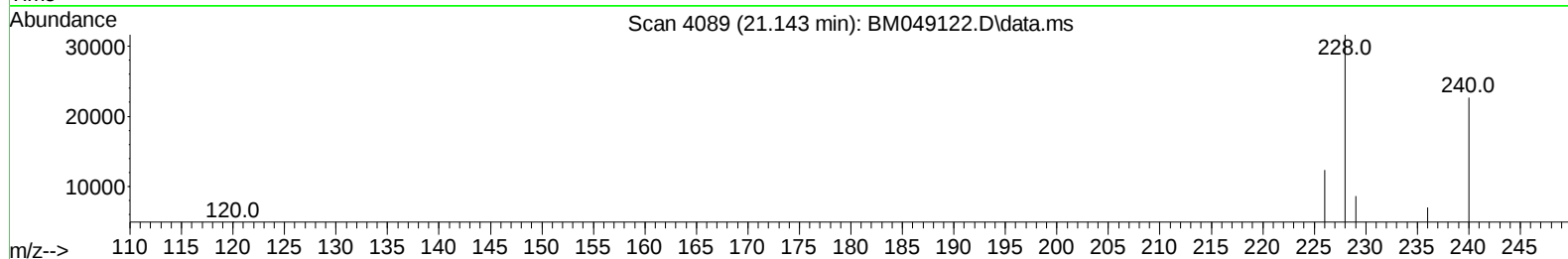
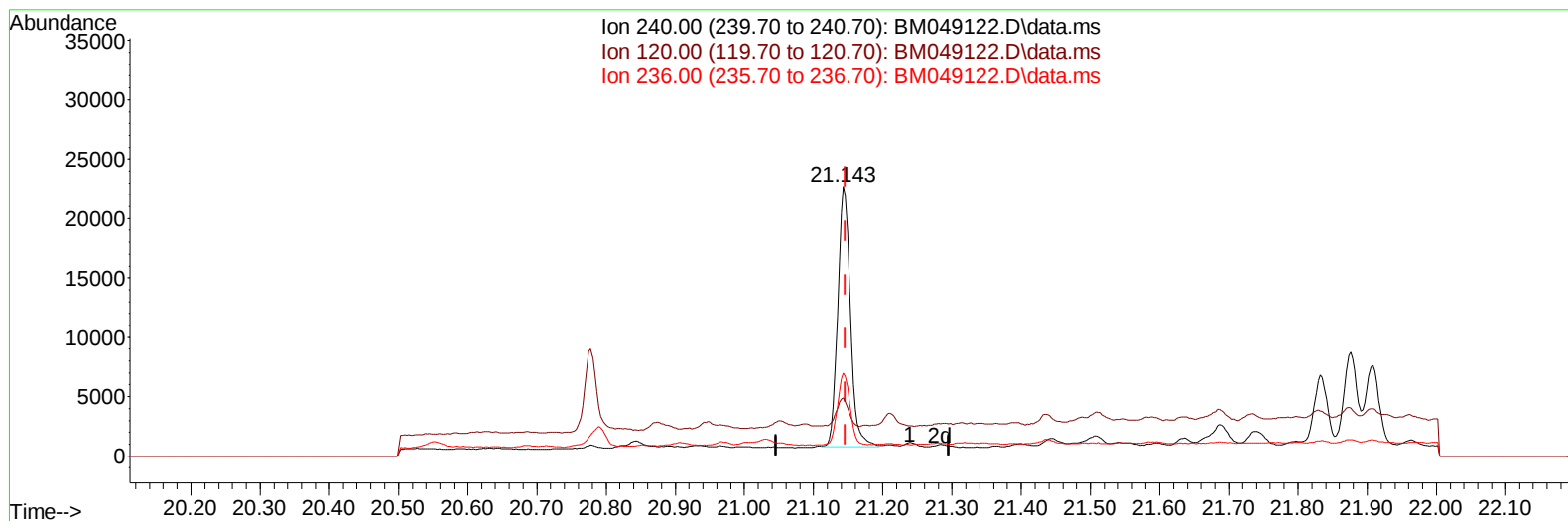
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(17) Chrysene-d12

21.143min (-0.003) 0.40 ng/ul m

response 27483

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	21.62#
236.00	29.80	30.82
0.00	0.00	0.00

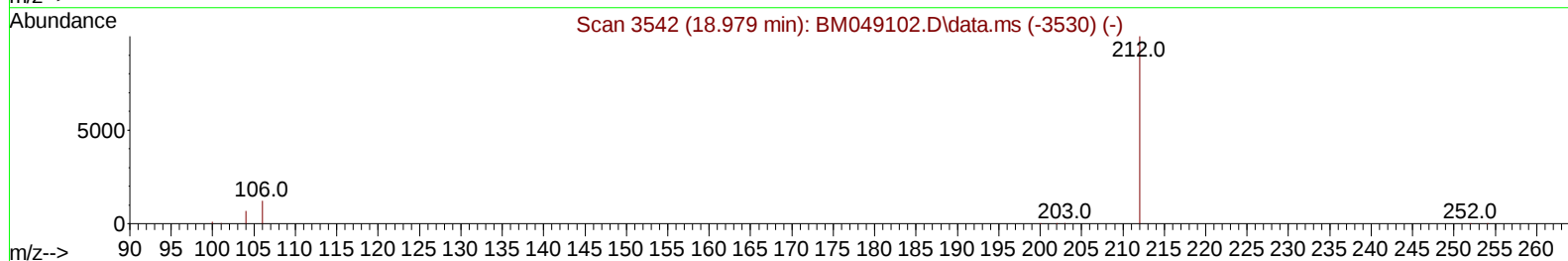
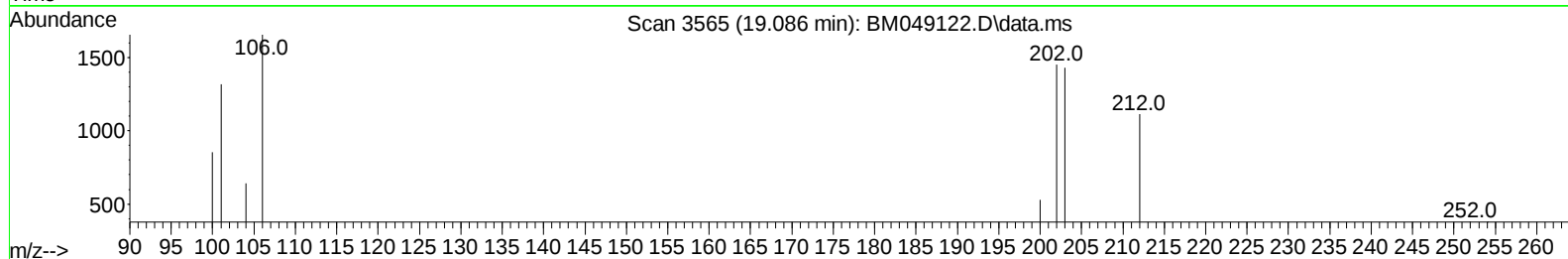
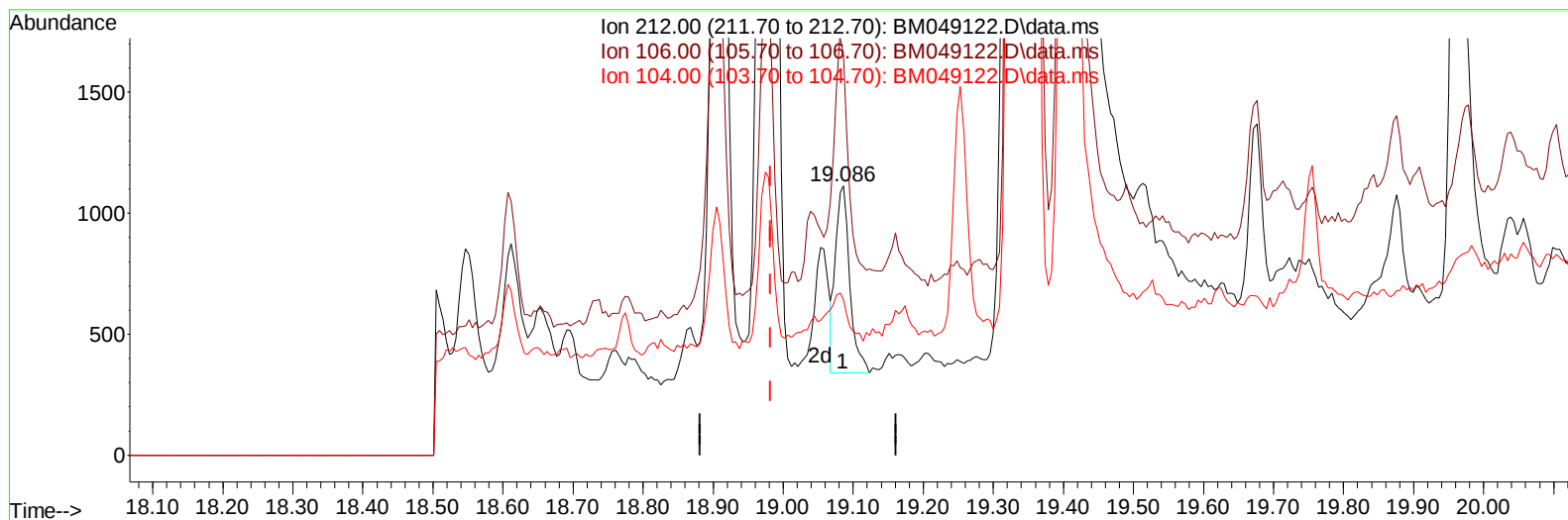
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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

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TIC: BM049122.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.086min (+ 0.104) 0.01 ng/u1

response 1092

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	143.59#
104.00	6.50	33.97#
0.00	0.00	0.00

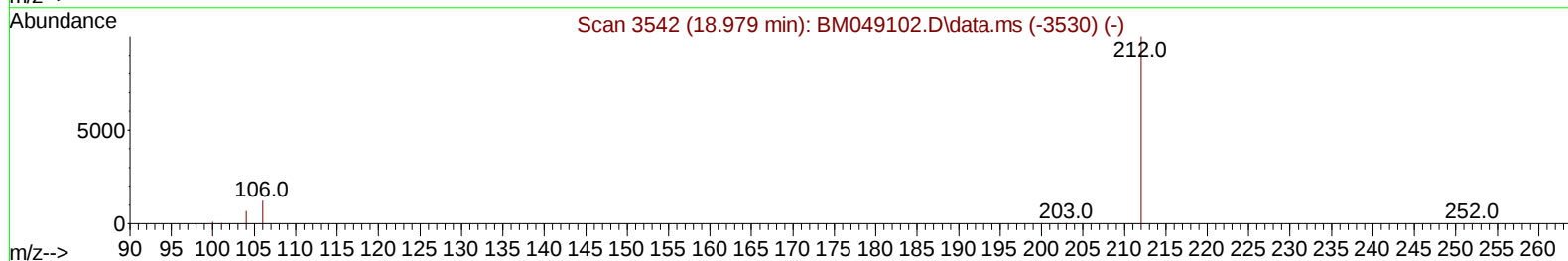
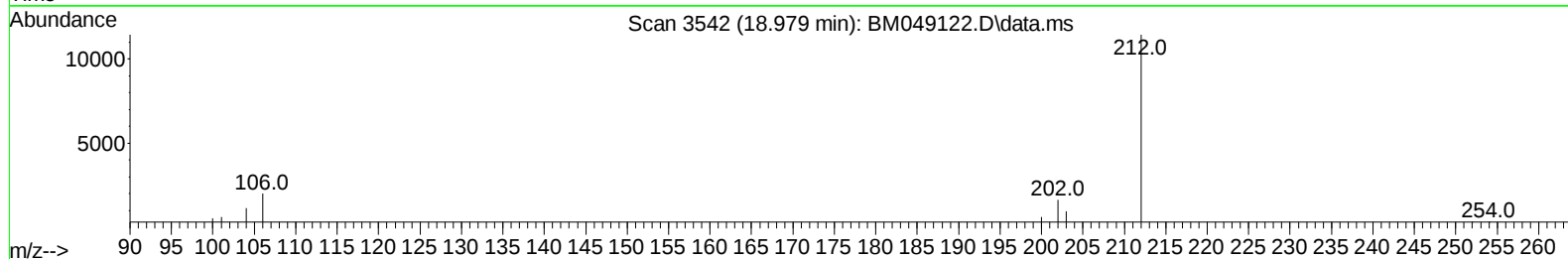
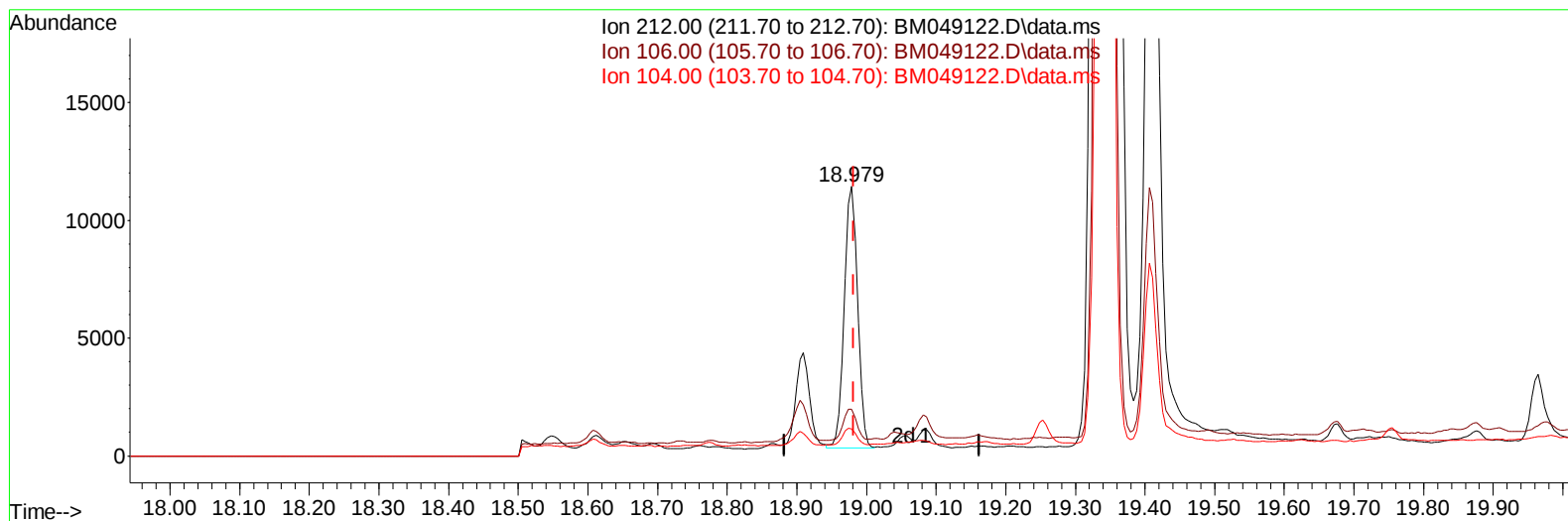
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.979min (-0.003) 0.19 ng/u1 m

response 14539

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	10.78
104.00	6.50	2.55#
0.00	0.00	0.00

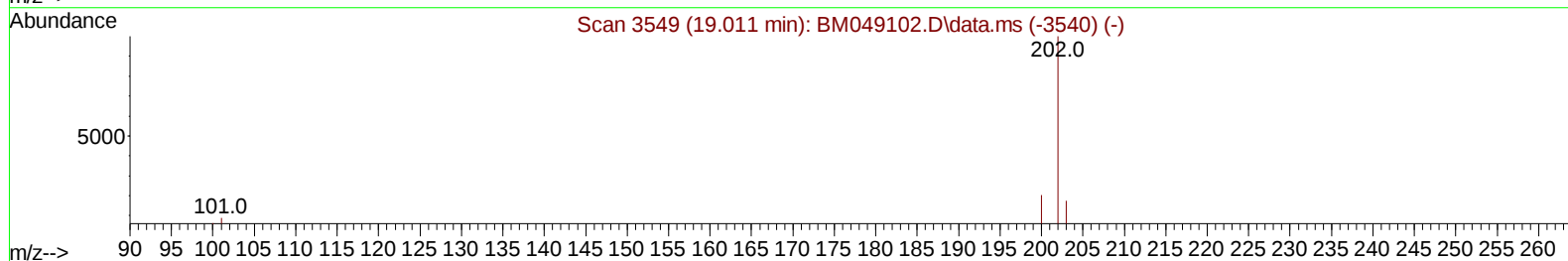
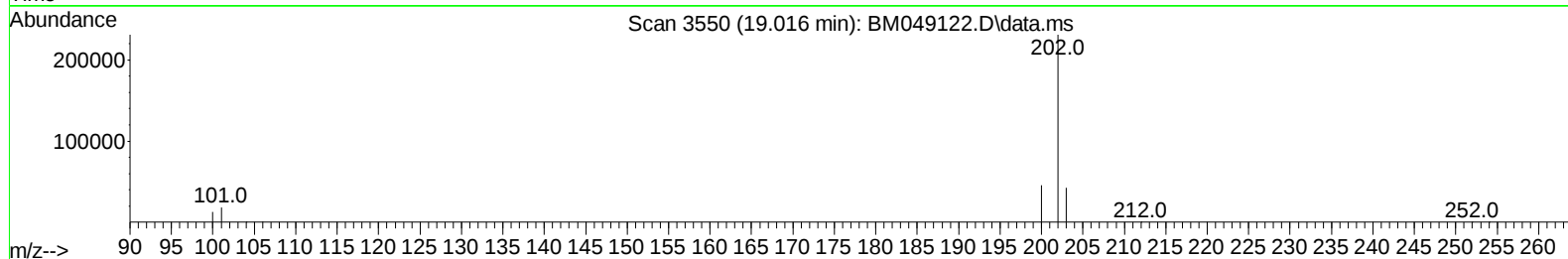
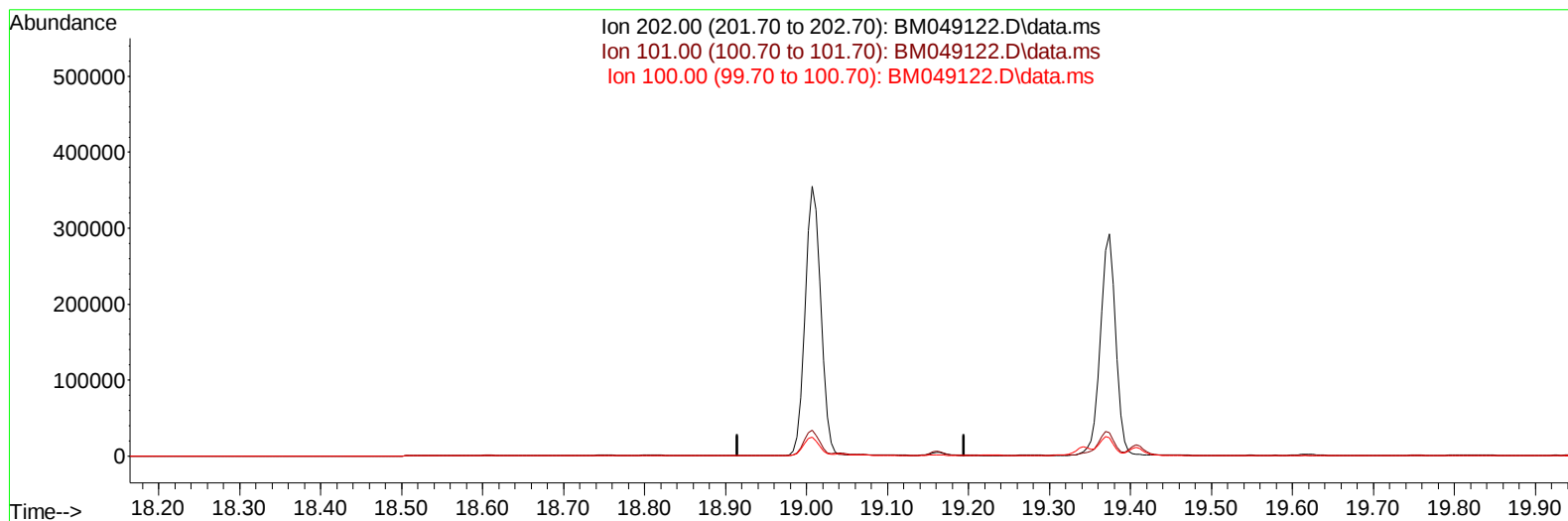
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(19) Fluoranthene (C)

19.015min (-19.015) 0.00 ng/u1

response 0

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

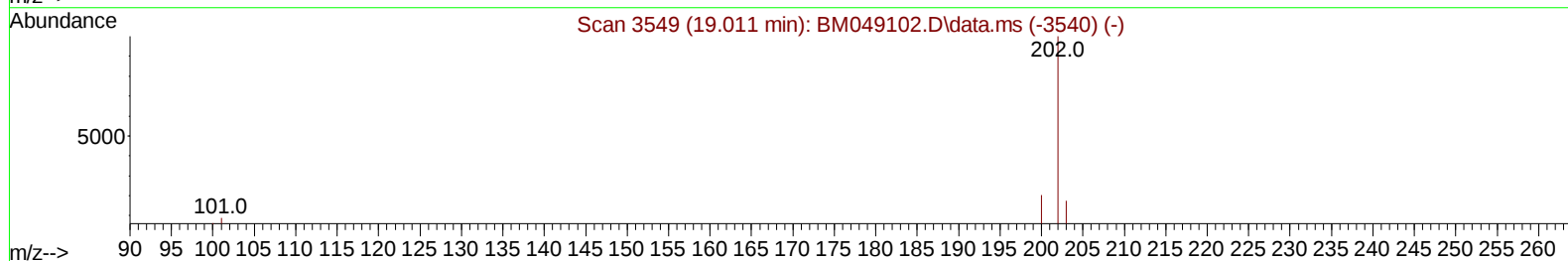
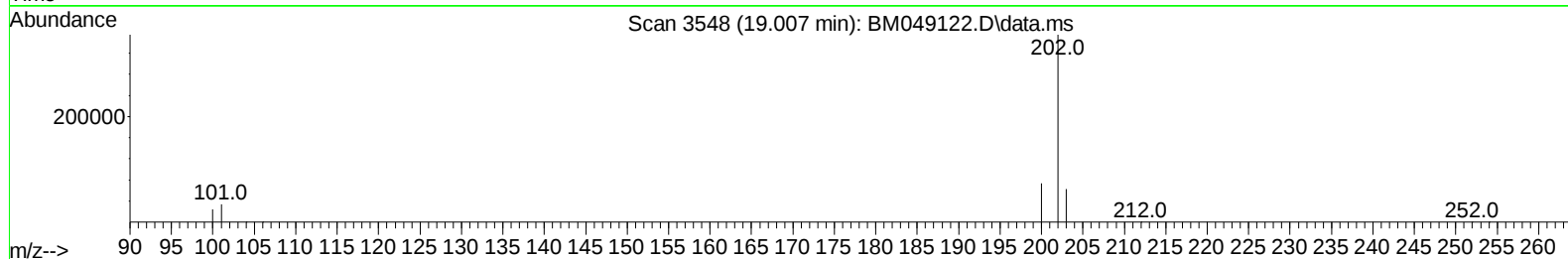
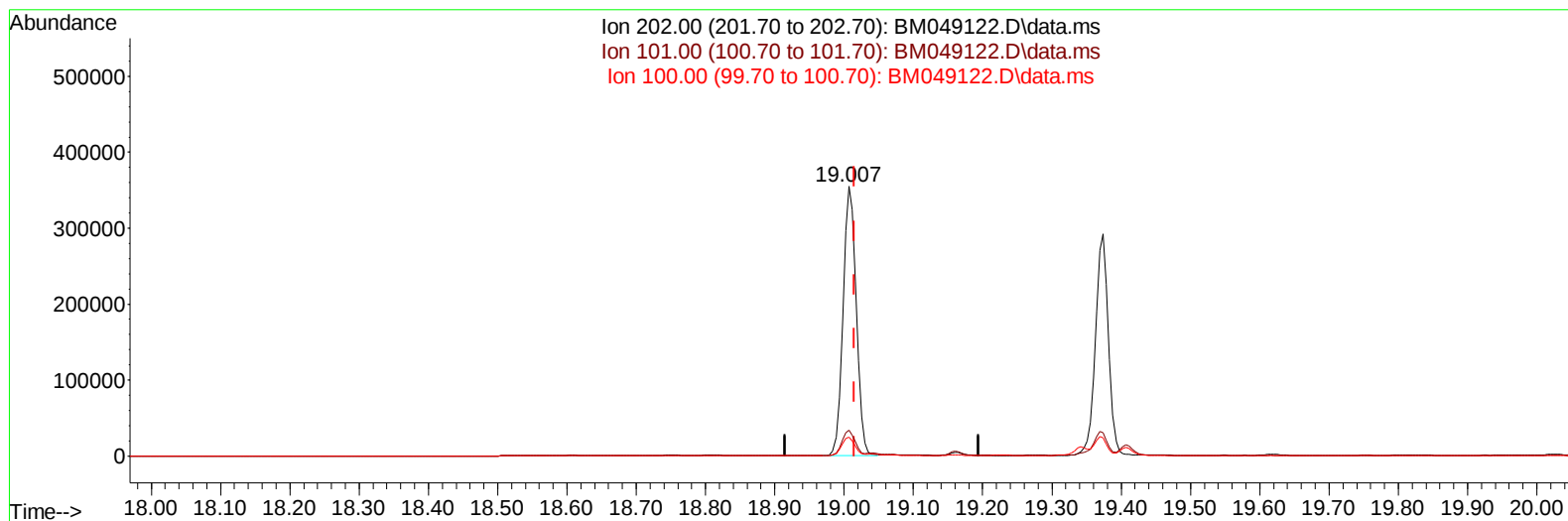
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(19) Fluoranthene (C)

19.007min (-0.008) 4.76 ng/u1 m

response 472959

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	9.46
100.00	6.90	6.93
0.00	0.00	0.00

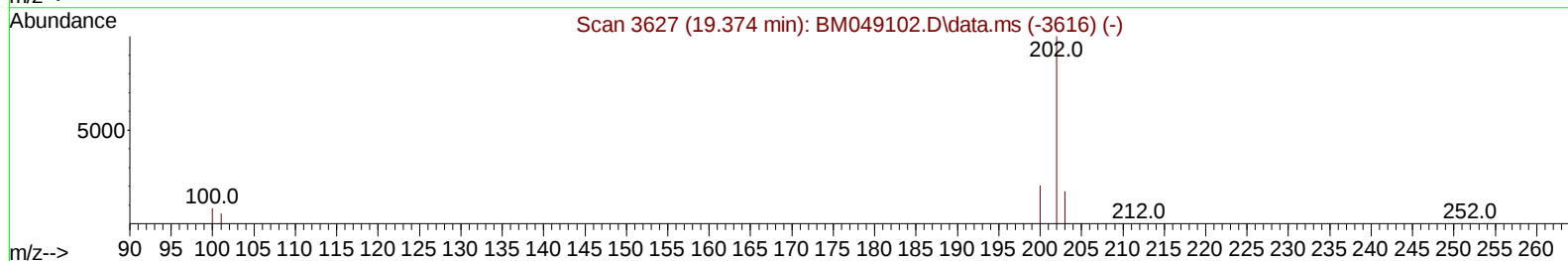
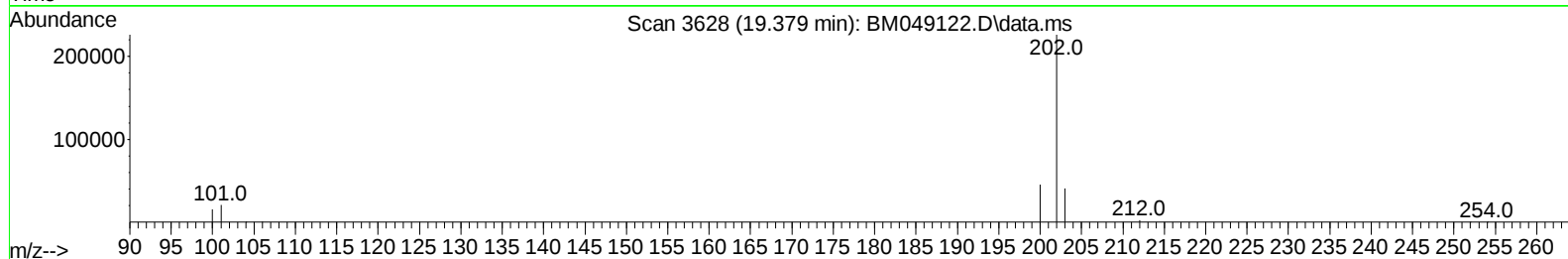
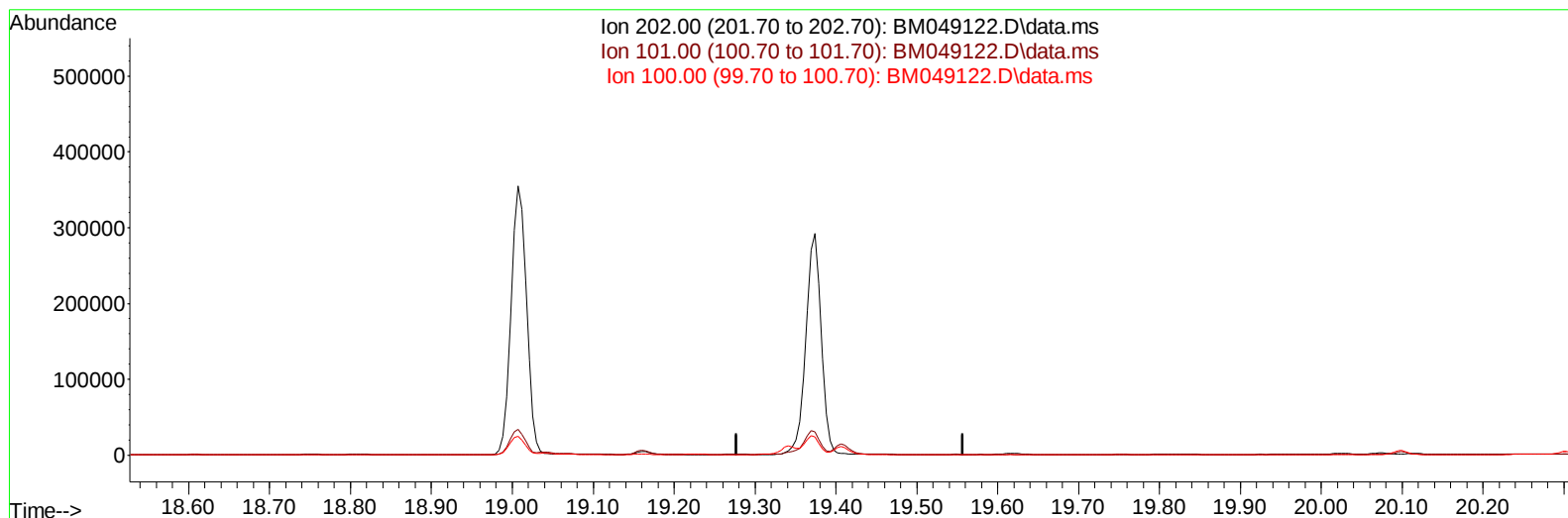
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.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

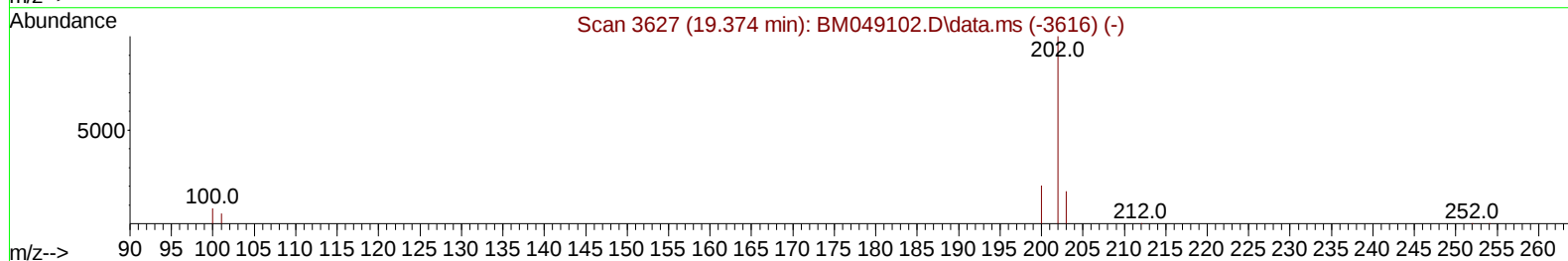
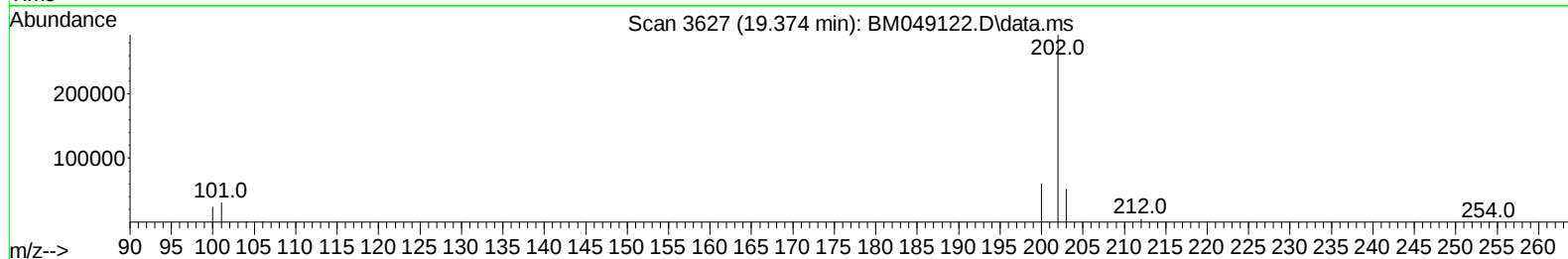
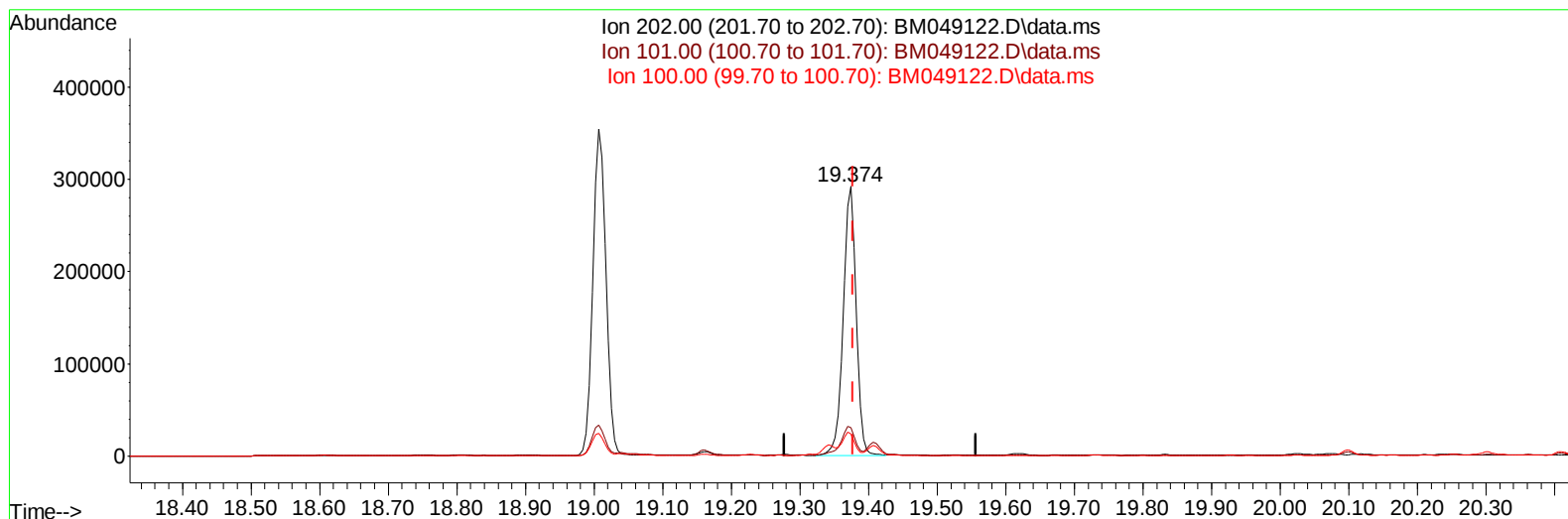
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(20) Pyrene

19.374min (-0.003) 3.63 ng/ul m

response 384465

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	10.50
100.00	8.60	8.19
0.00	0.00	0.00

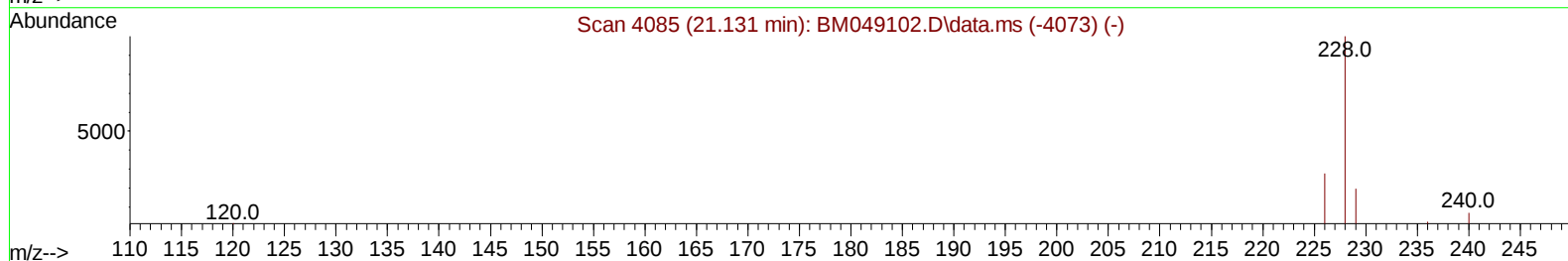
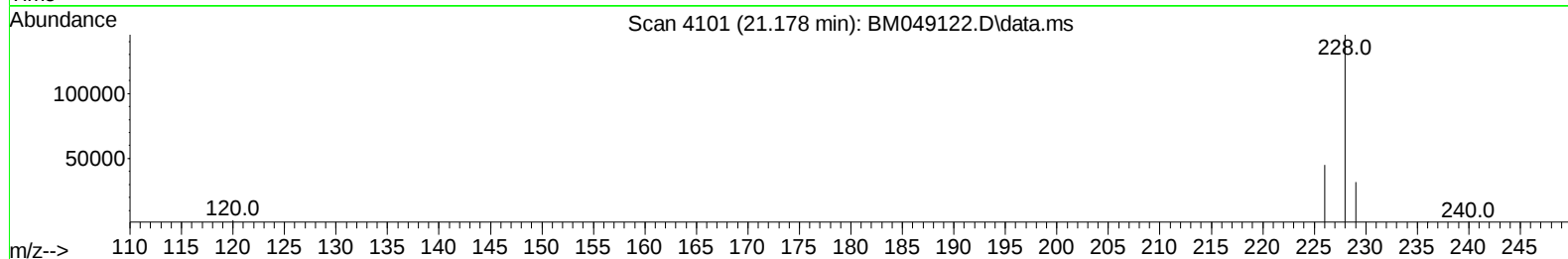
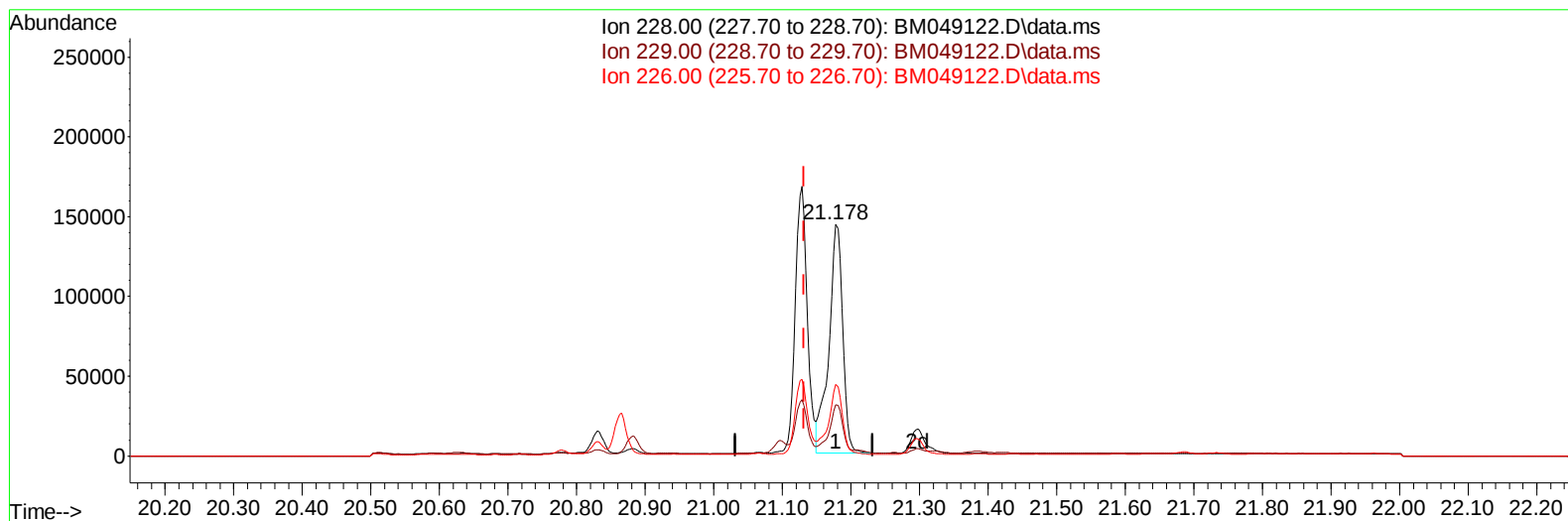
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(21) Benzo(a)anthracene

21.178min (+ 0.046) 2.12 ng/u1

response 202314

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	21.97
226.00	28.30	30.92
0.00	0.00	0.00

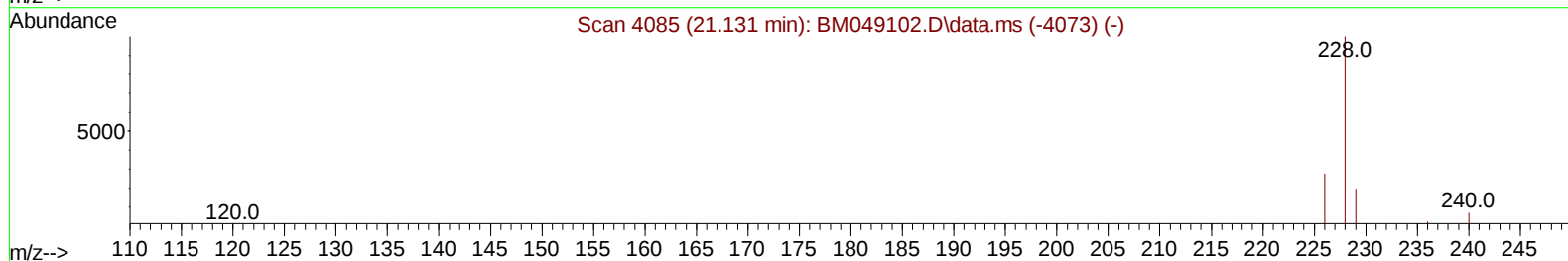
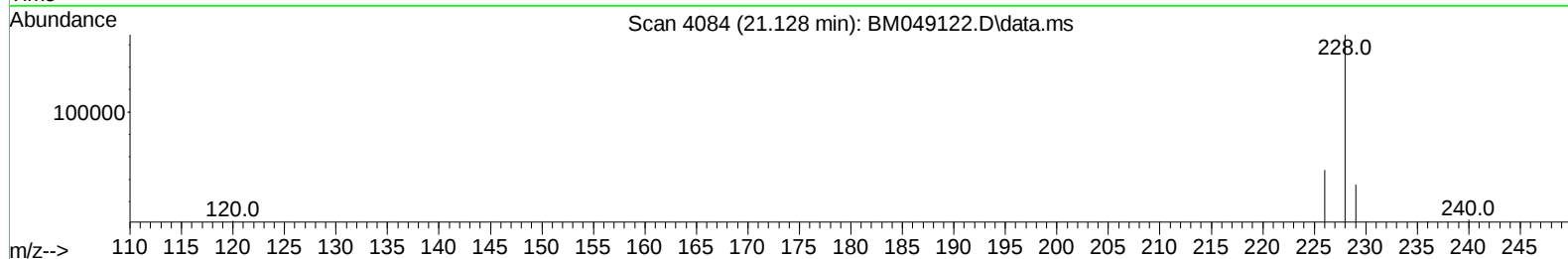
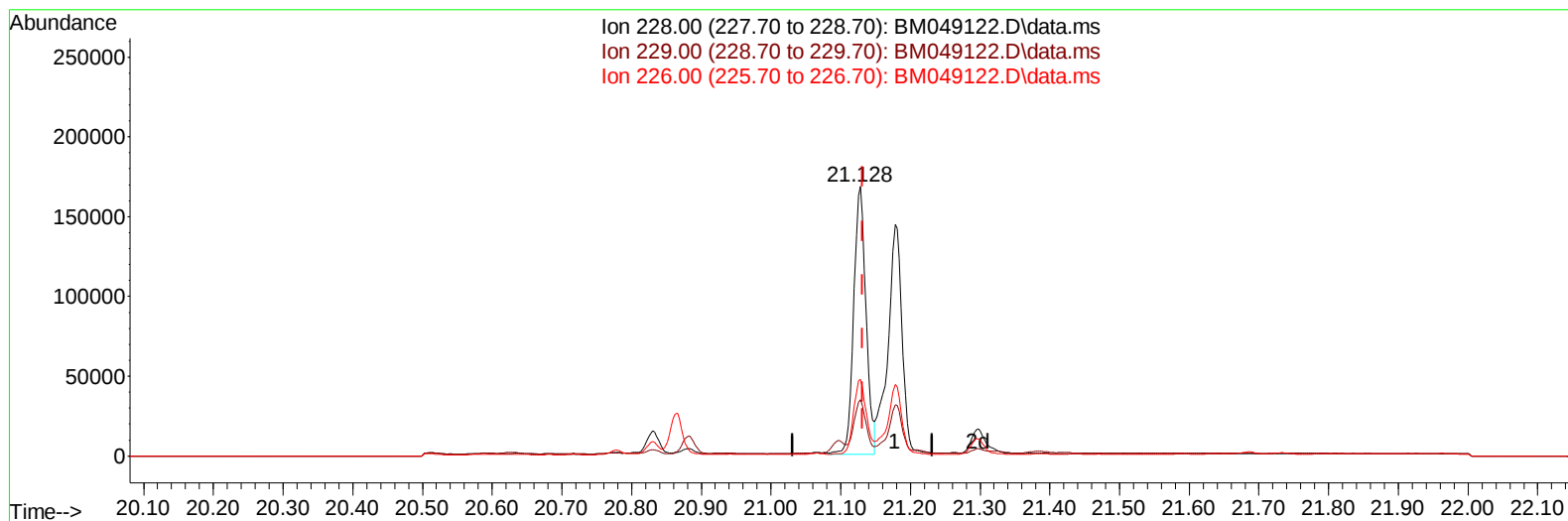
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(21) Benzo(a)anthracene

21.128min (-0.003) 2.17 ng/u1 m

response 207292

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.81
226.00	28.30	28.49
0.00	0.00	0.00

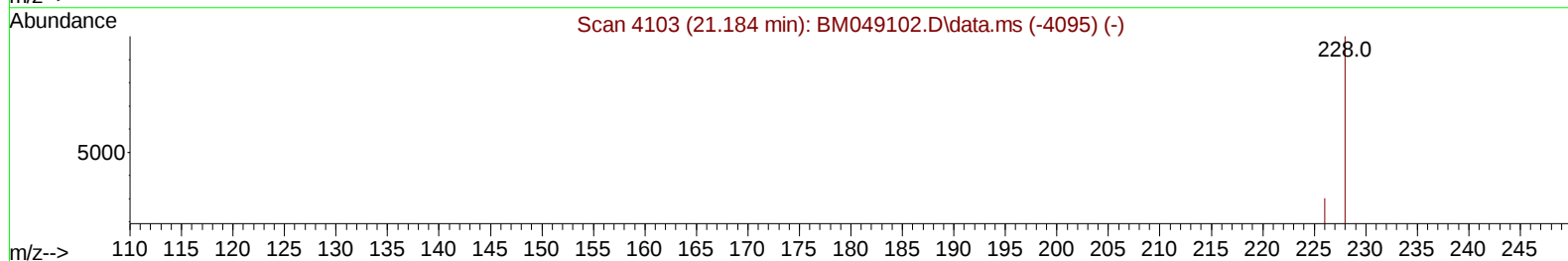
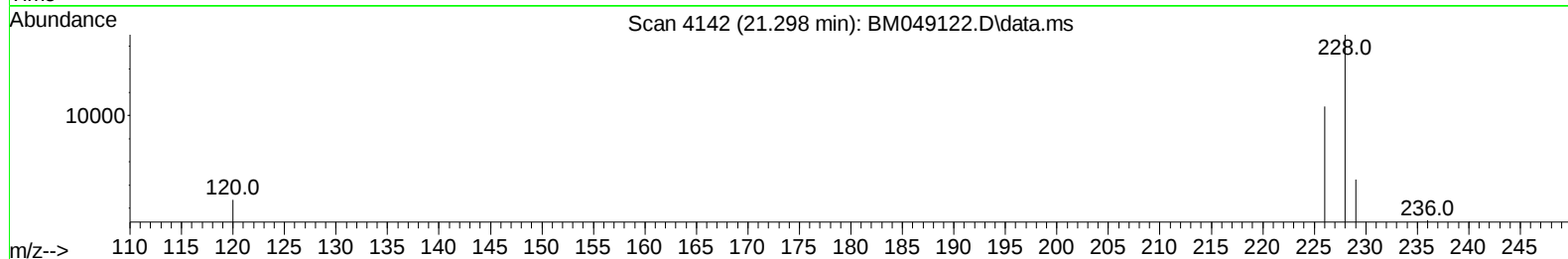
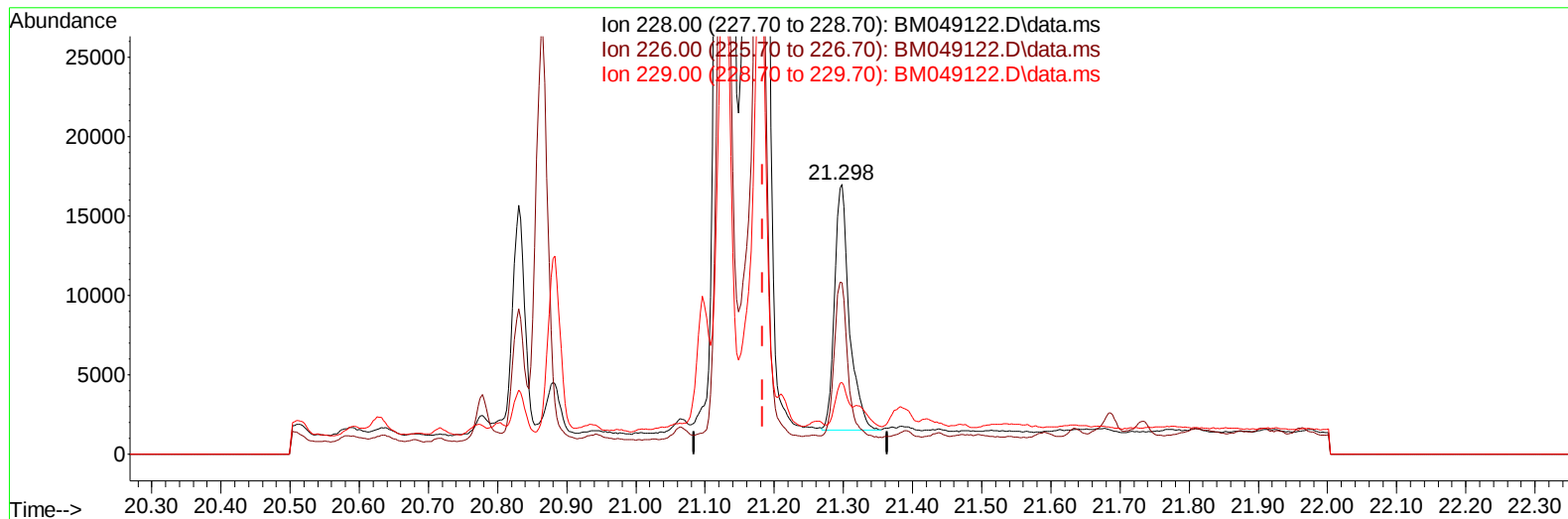
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(22) Chrysene

21.298min (+ 0.114) 0.22 ng/u1

response 22875

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	63.51#
229.00	19.80	26.58#
0.00	0.00	0.00

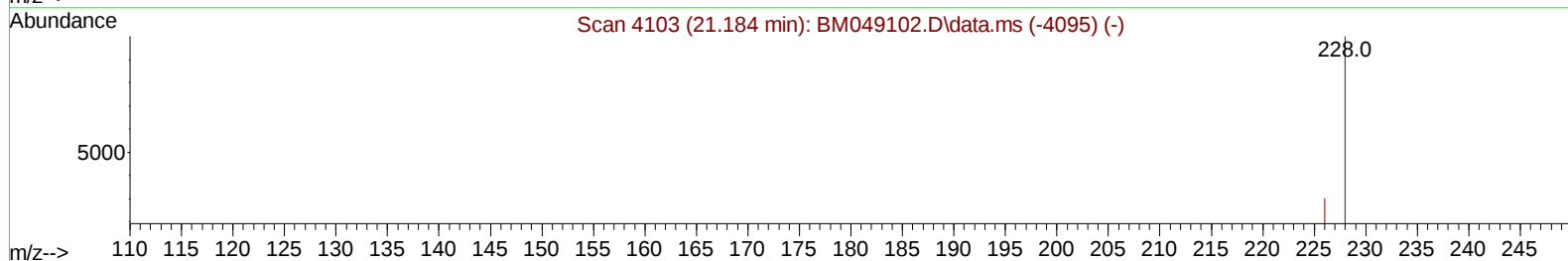
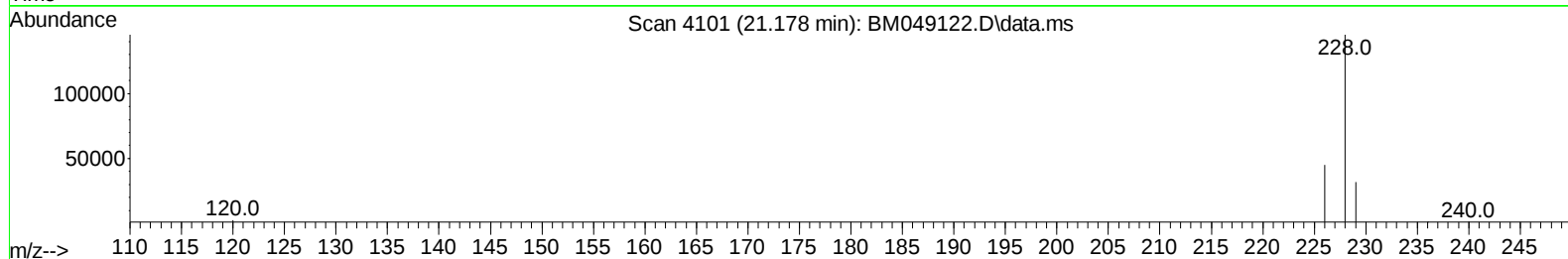
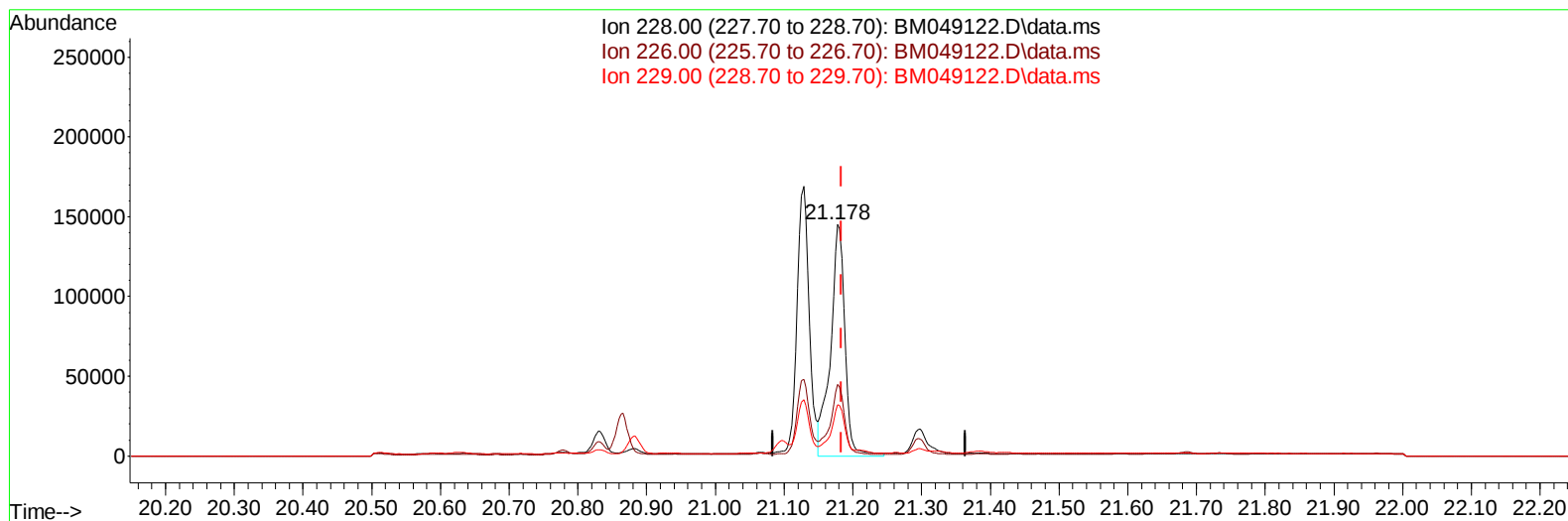
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(22) Chrysene

21.178min (-0.006) 2.07 ng/ul m

response 211877

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	30.92
229.00	19.80	21.97
0.00	0.00	0.00

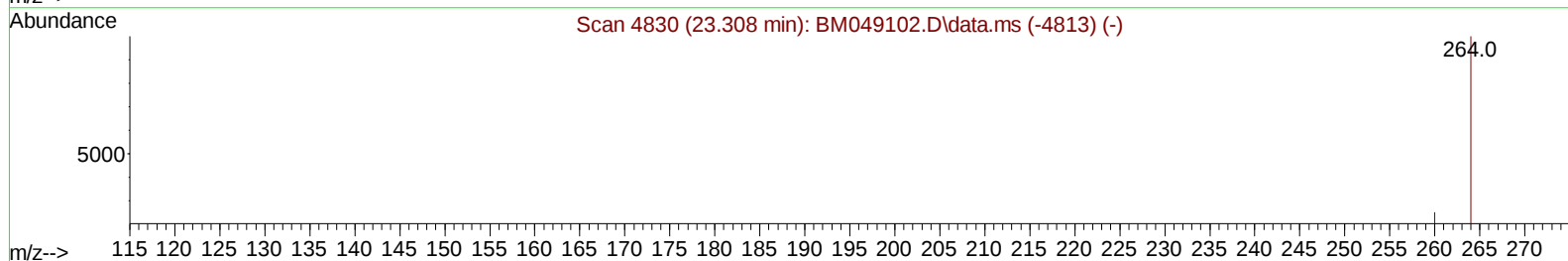
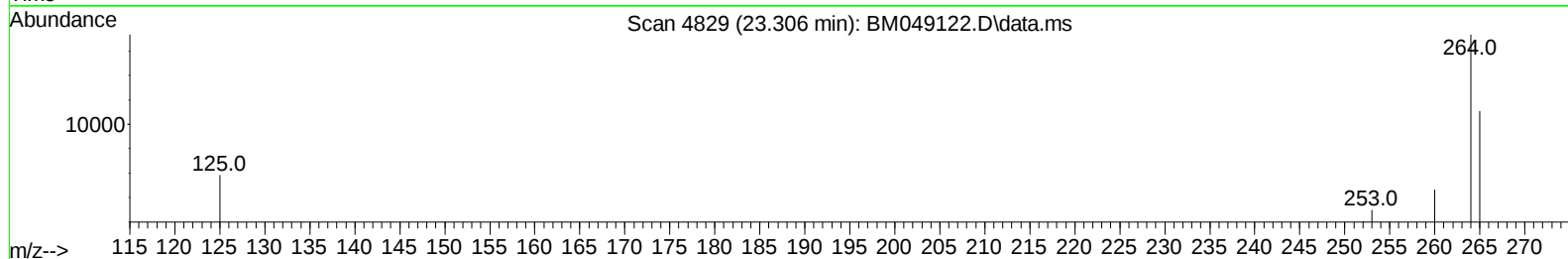
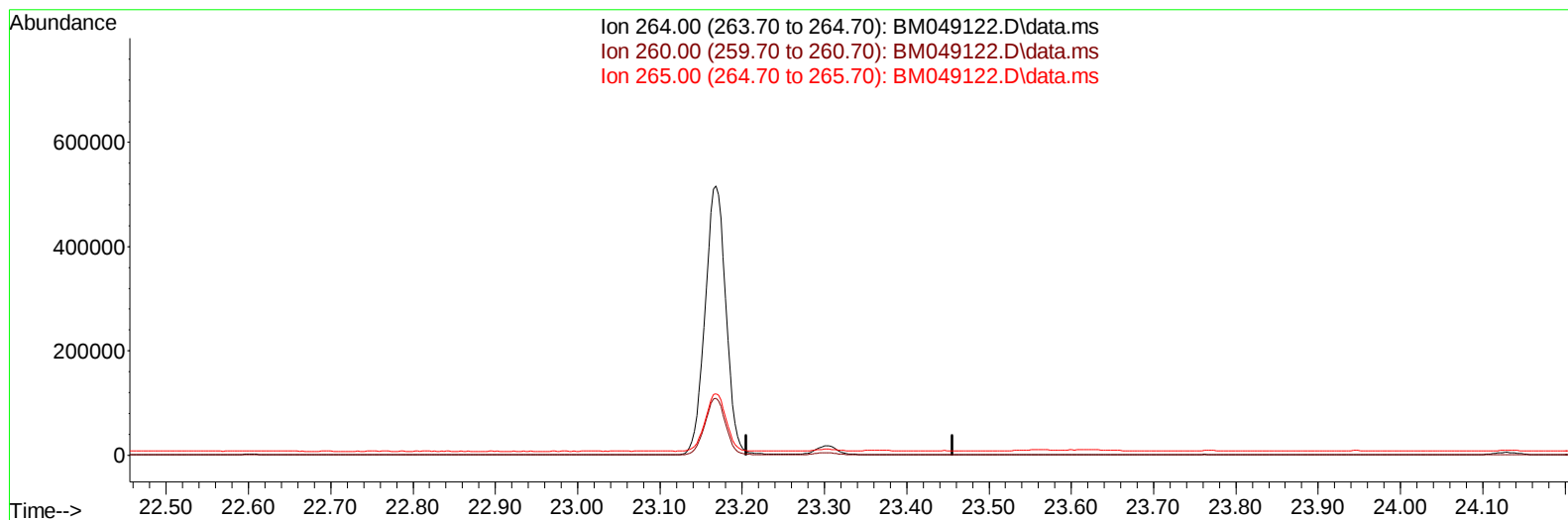
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(23) Perylene-d12 (I)

23.306min (-23.306) 0.00 ng/u1

response 0

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

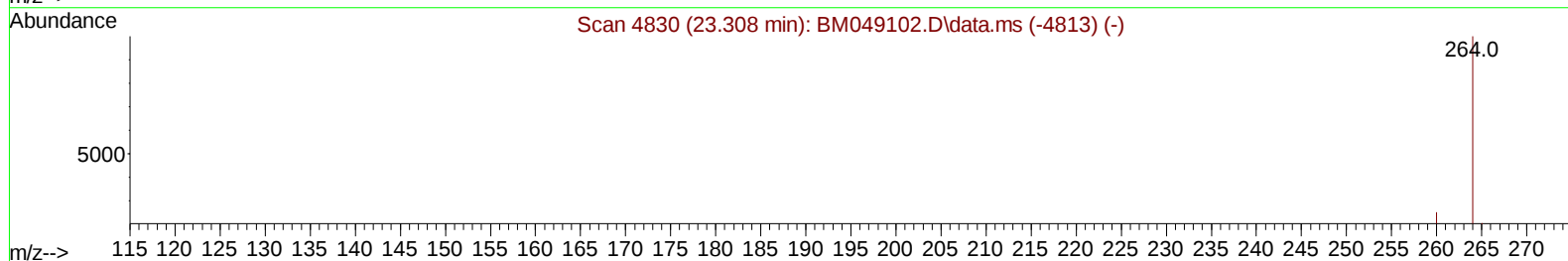
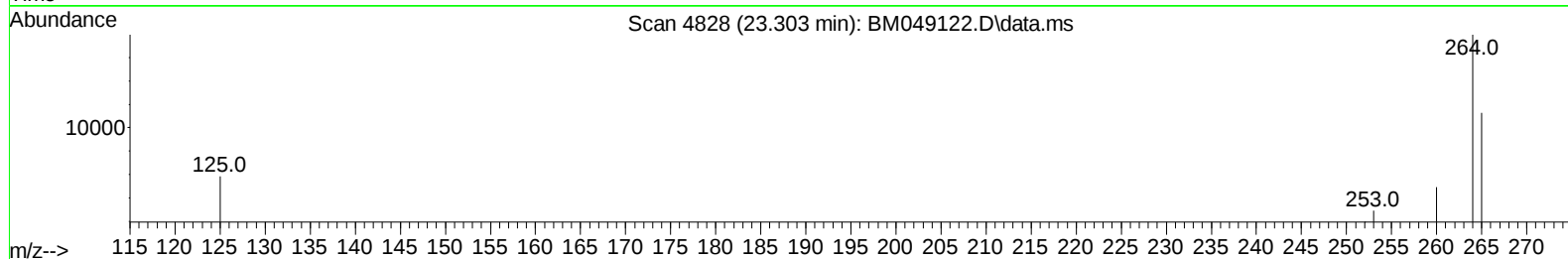
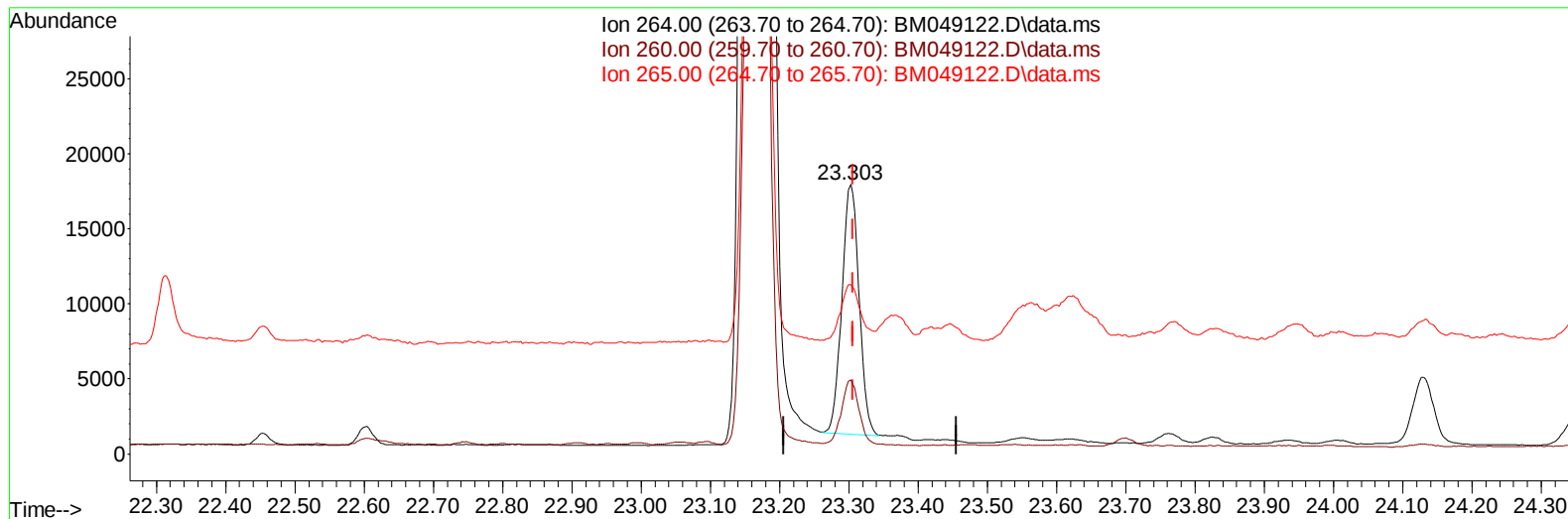
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(23) Perylene-d12 (I)

23.303min (-0.003) 0.40 ng/ul m

response 28609

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	27.49
265.00	78.30	62.90
0.00	0.00	0.00

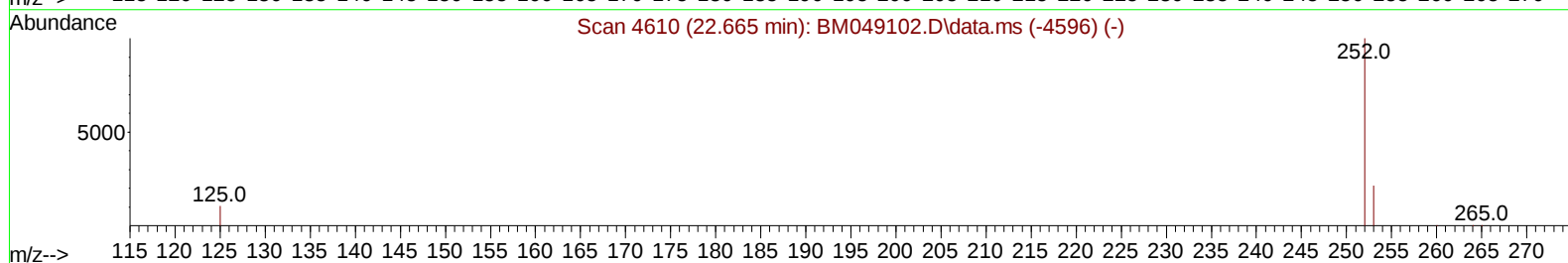
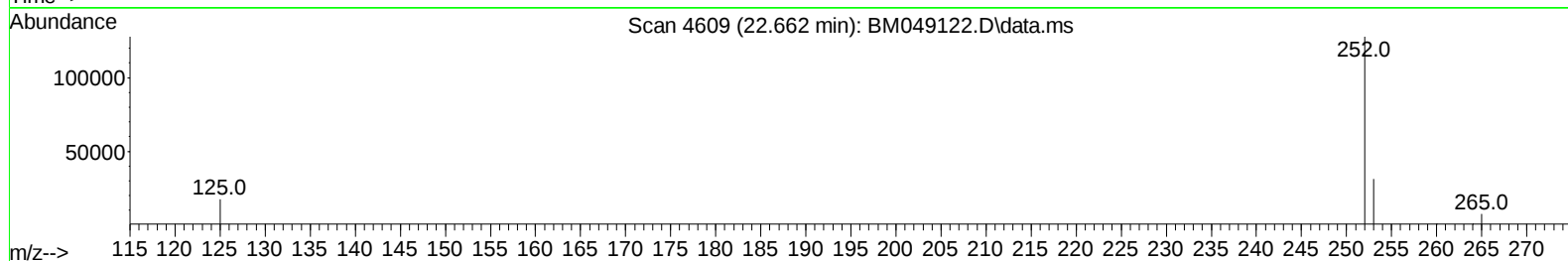
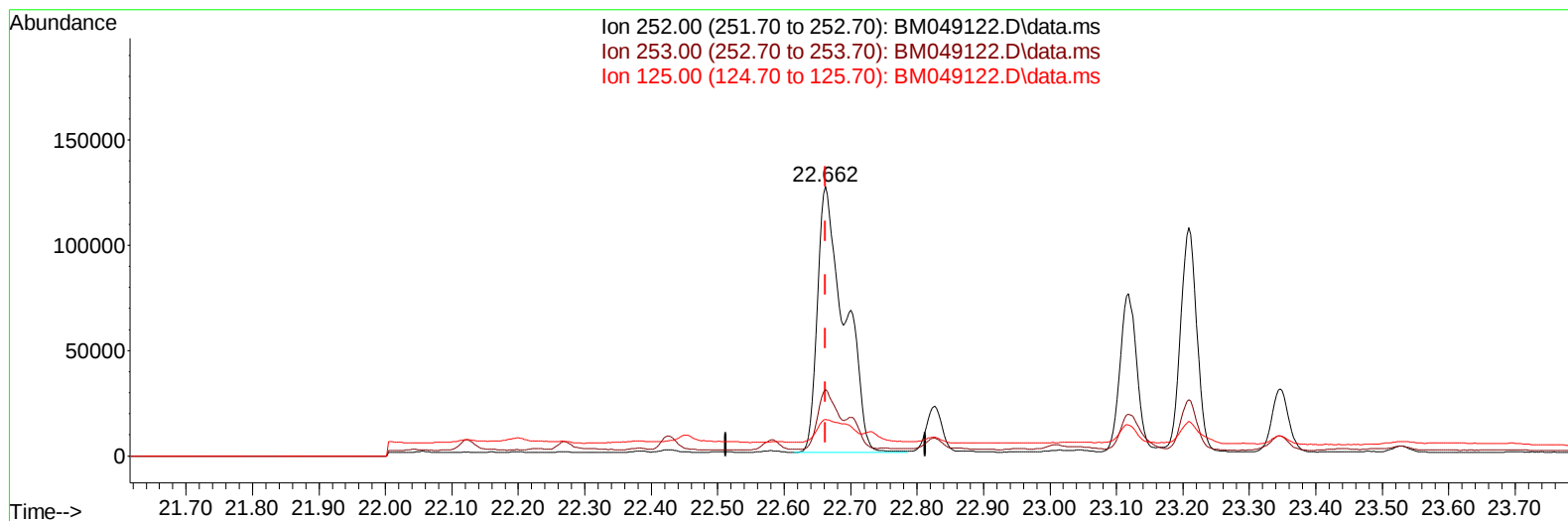
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(24) Benzo(b)fluoranthene

22.662min (-0.000) 3.92 ng/u1

response 358081

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	24.57
125.00	15.40	13.65
0.00	0.00	0.00

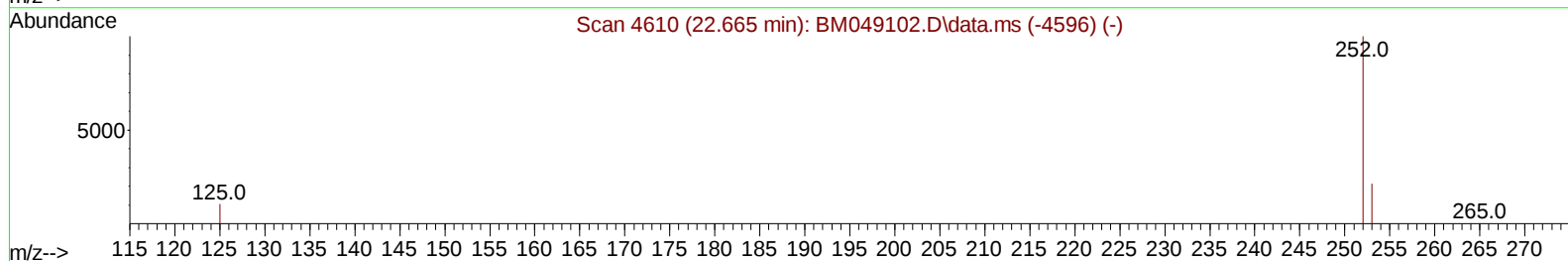
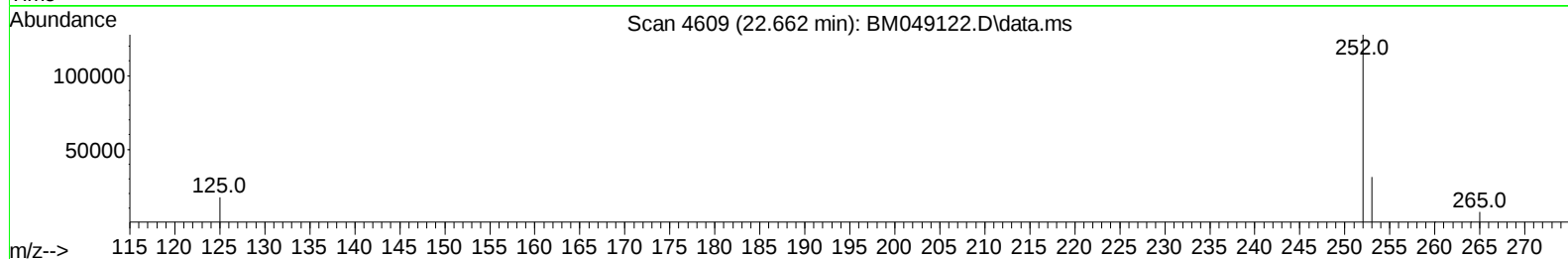
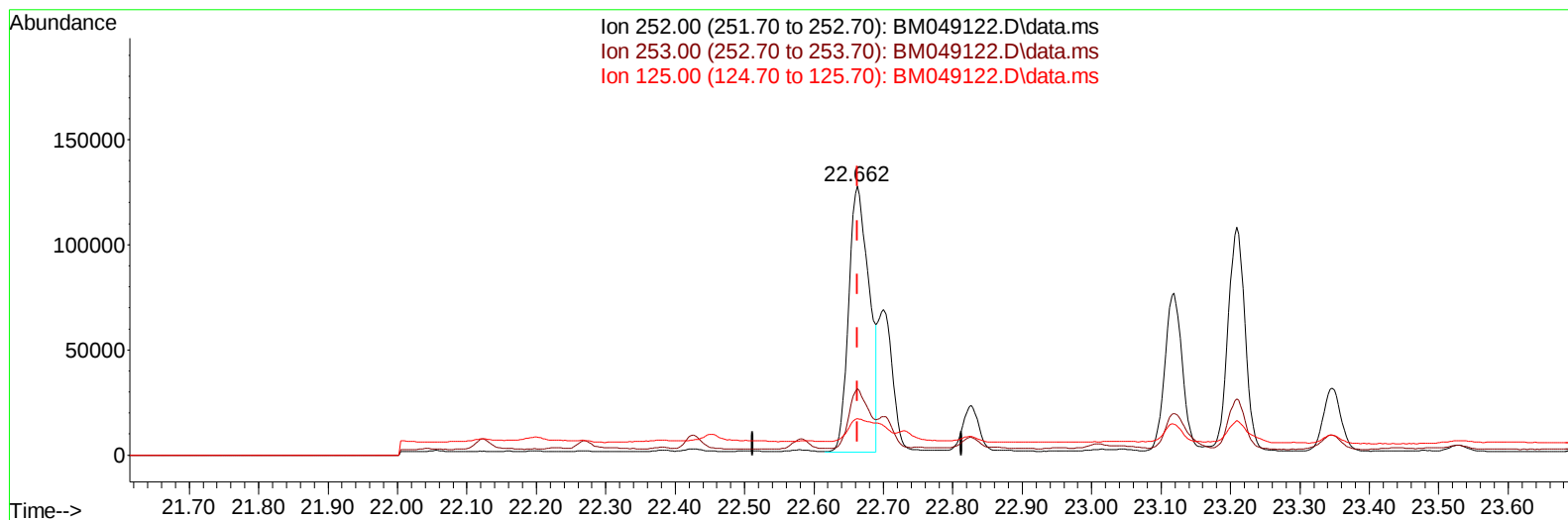
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(24) Benzo(b)fluoranthene

22.662min (-0.000) 2.83 ng/u1 m

response 258568

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	24.57
125.00	15.40	13.65
0.00	0.00	0.00

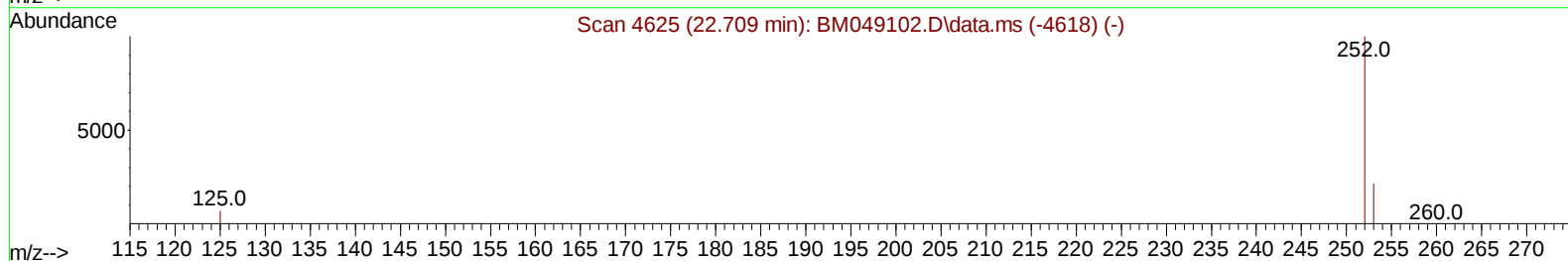
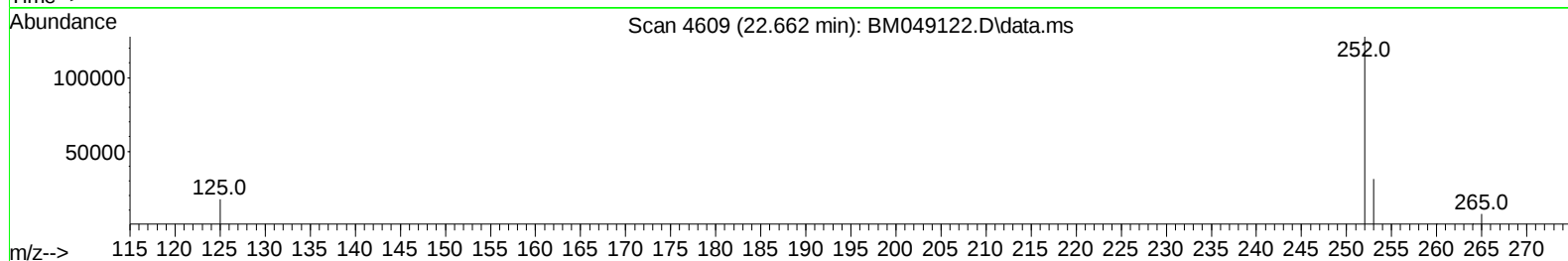
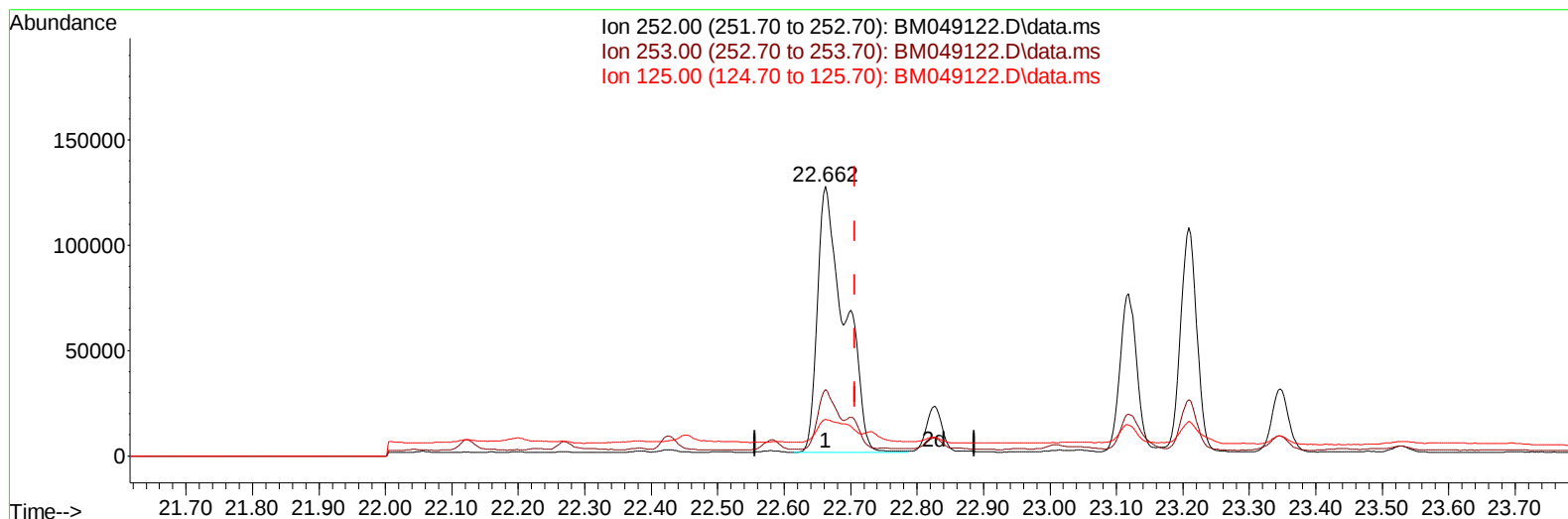
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(25) Benzo(k)fluoranthene

22.662min (-0.044) 3.57 ng/u1

response 358081

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	24.57
125.00	15.70	13.65
0.00	0.00	0.00

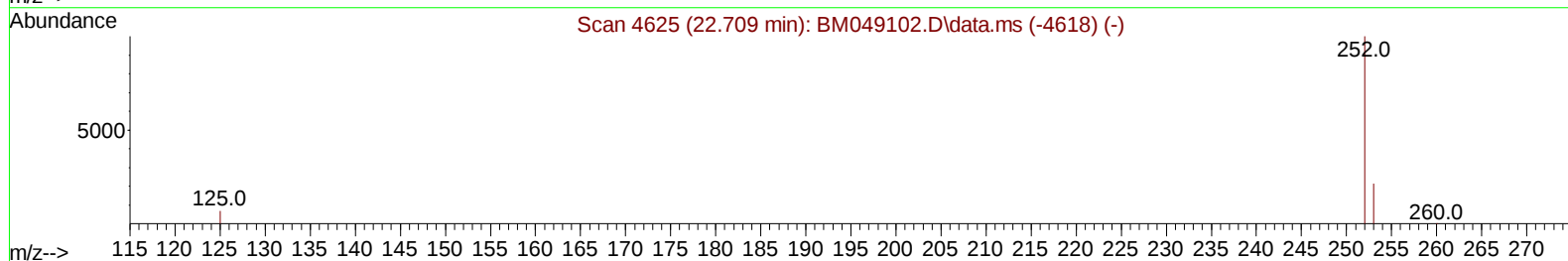
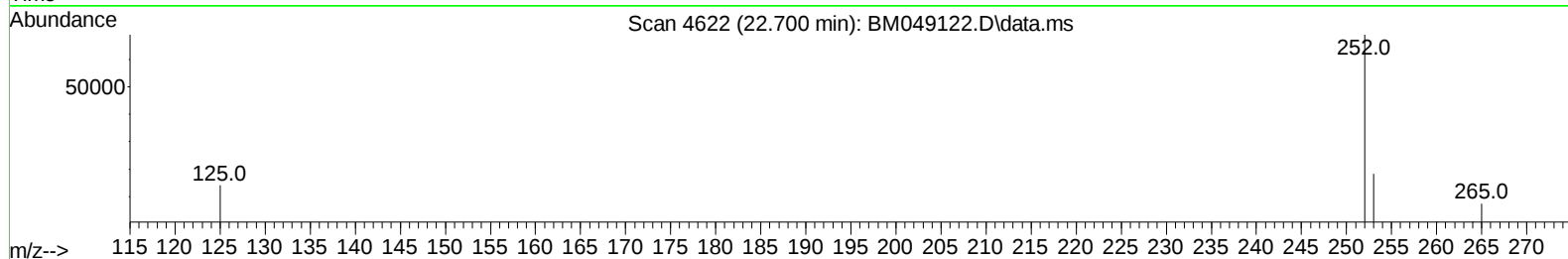
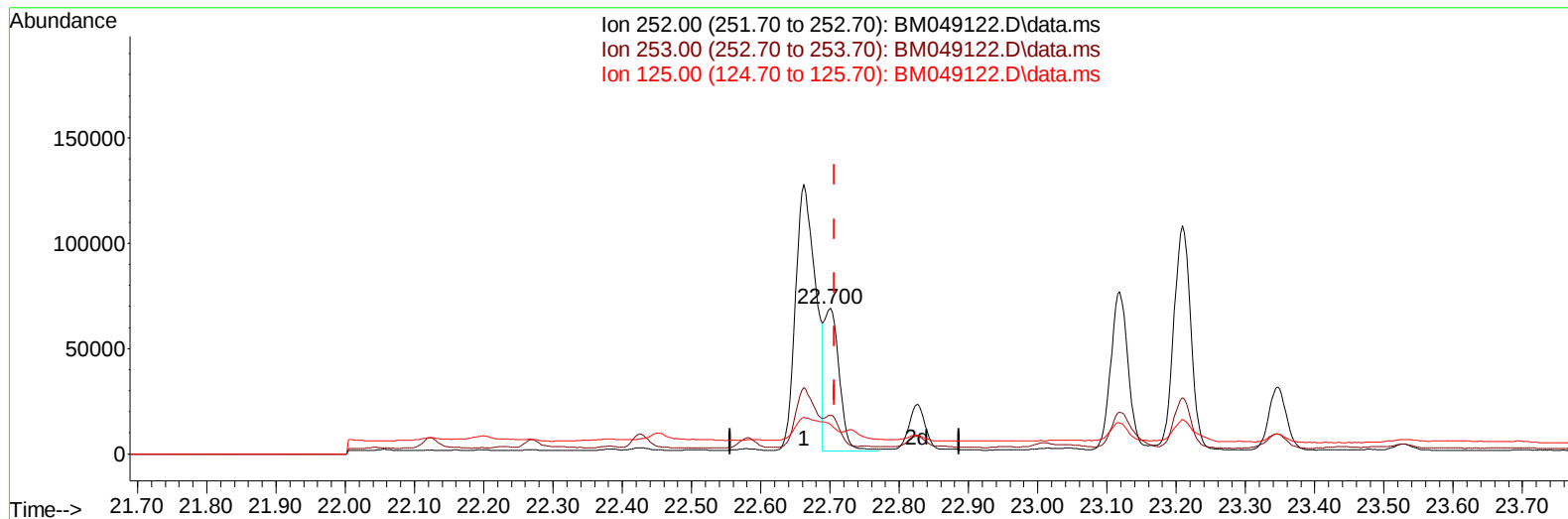
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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: BM049122.D\data.ms

(25) Benzo(k)fluoranthene

22.700min (-0.006) 1.03 ng/u1 m

response 103500

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	26.55
125.00	15.70	20.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049122.D
 Acq On : 21 Dec 2024 04:50
 Operator : RC/JU
 Sample : P5265-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z5

Manual IntegrationsAPPROVED

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

Quant Time: Dec 21 05:25:52 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	8234	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	26661	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	15861	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	34429m	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	27483m	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	28609m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	35836	3.774	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	8077	0.225	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	14539m	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	14637	0.219	ng/ul	96
7) 2-Methylnaphthalene	11.992	142	7551	0.179	ng/ul	99
8) 1-Methylnaphthalene	12.212	142	5906	0.136	ng/ul	99
10) Acenaphthylene	13.910	152	9976	0.152	ng/ul	95
11) Acenaphthene	14.257	153	7407	0.154	ng/ul	98
12) Fluorene	15.247	166	7590	0.140	ng/ul#	98
15) Phenanthrene	16.985	178	173094m	1.925	ng/ul	
16) Anthracene	17.074	178	40632m	0.492	ng/ul	
19) Fluoranthene	19.007	202	472959m	4.760	ng/ul	
20) Pyrene	19.374	202	384465m	3.628	ng/ul	
21) Benzo(a)anthracene	21.128	228	207292m	2.168	ng/ul	
22) Chrysene	21.178	228	211877m	2.065	ng/ul	
24) Benzo(b)fluoranthene	22.662	252	258568m	2.829	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	103500m	1.032	ng/ul	
26) Benzo(a)pyrene	23.209	252	182674	2.084	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.440	276	138603	1.117	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.450	278	31568	0.328	ng/ul#	80
29) Benzo(g,h,i)perylene	26.094	276	144959	1.453	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049122.D
Acq On : 21 Dec 2024 04:50
Operator : RC/JU
Sample : P5265-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z5

Manual IntegrationsAPPROVED

Quant Time: Dec 21 05:25:52 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

