

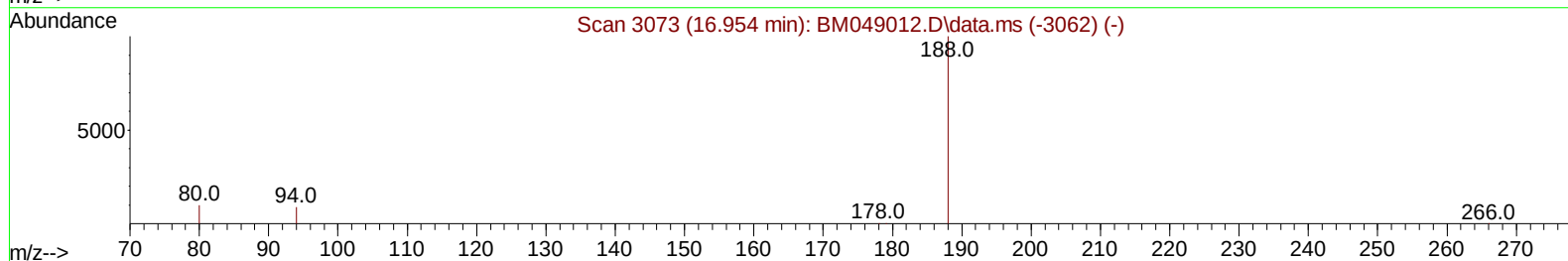
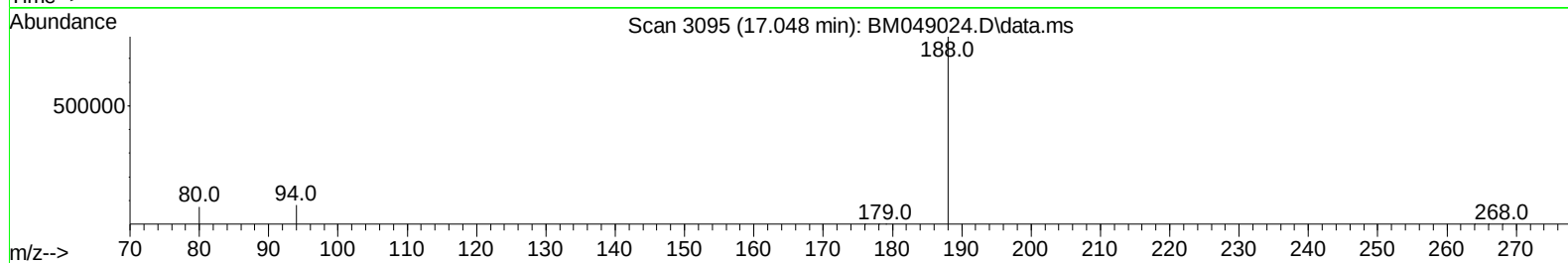
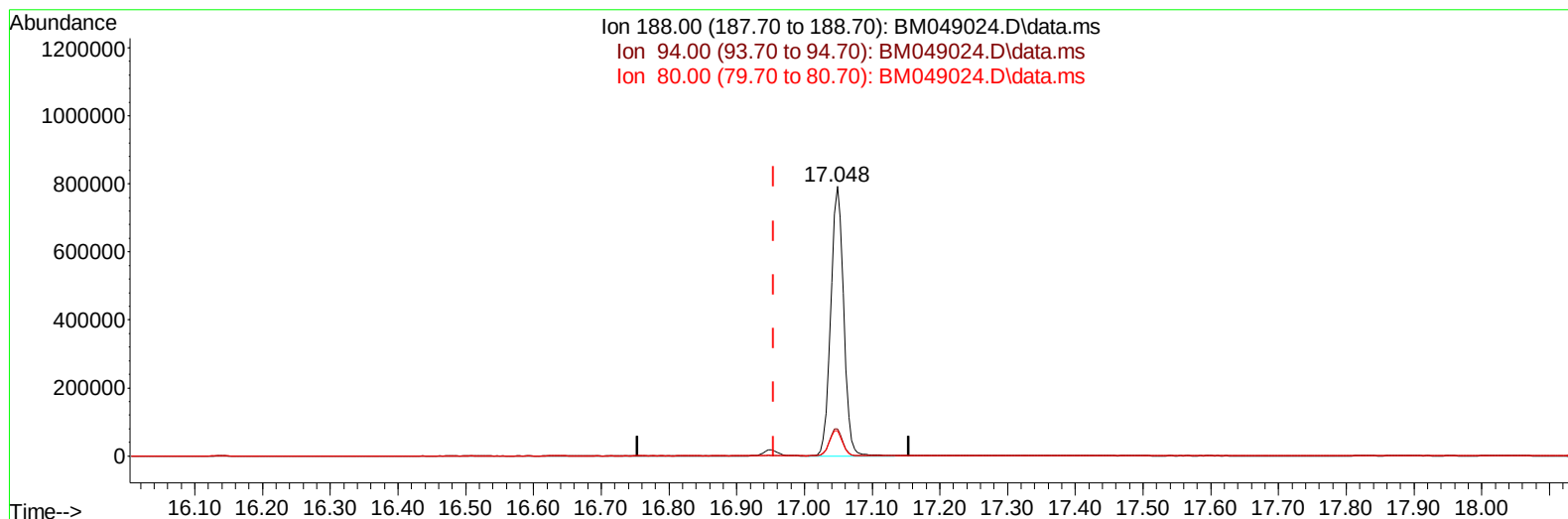
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(13) Phenanthrene-d10 (I)

17.048min (+ 0.094) 0.40 ng/u1

response 1051072

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.10	10.09
80.00	13.90	9.32#
0.00	0.00	0.00

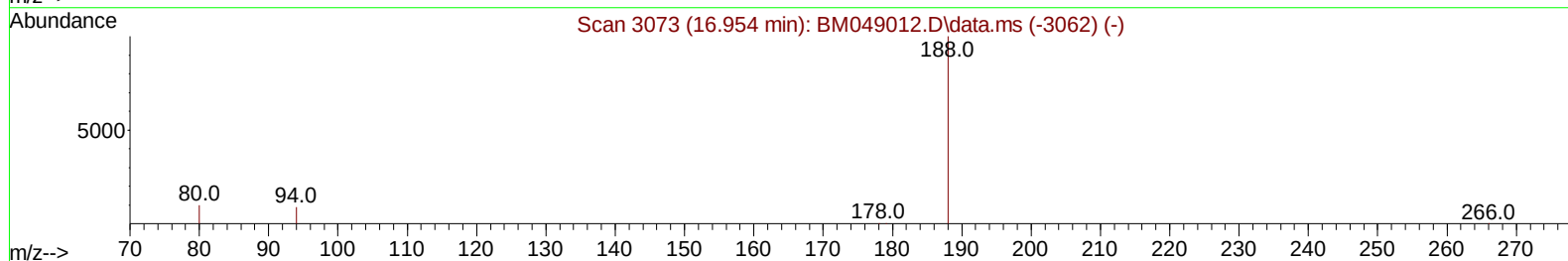
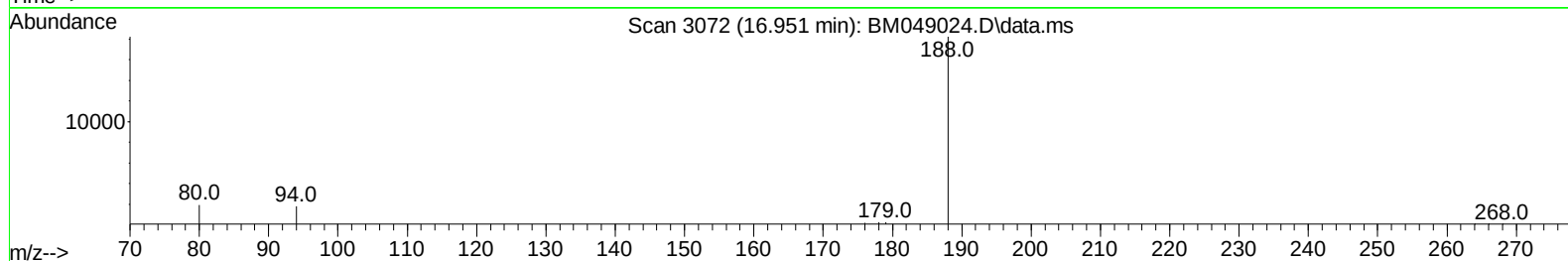
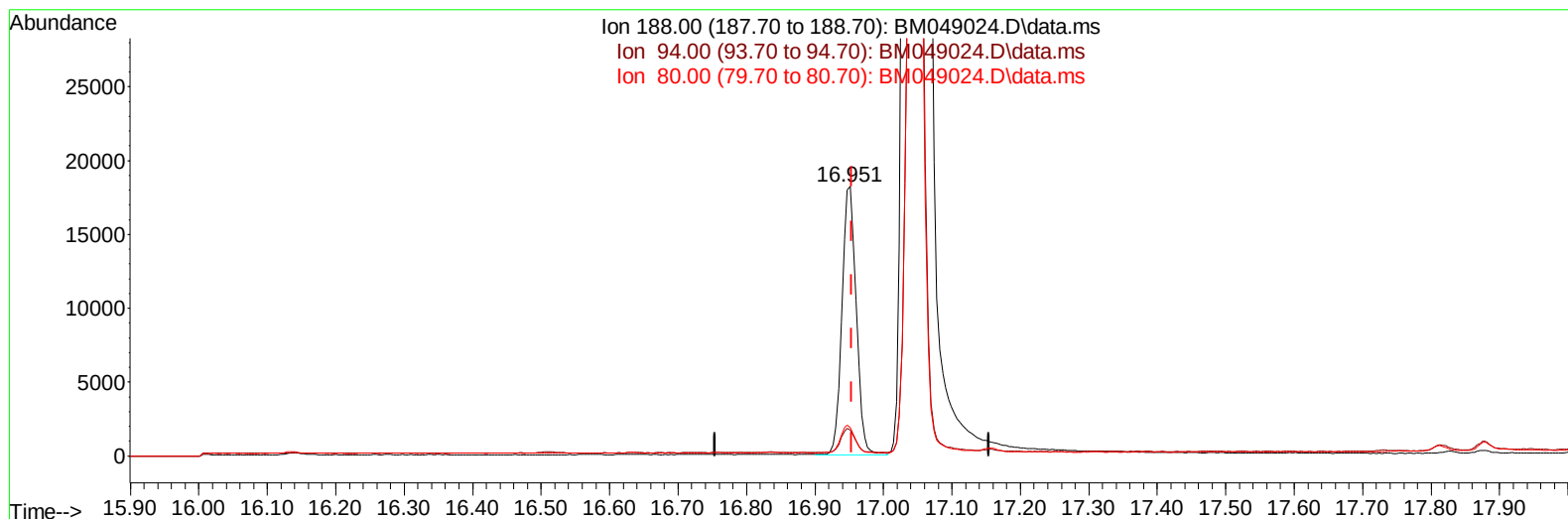
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BM049024.D\data.ms

(13) Phenanthrene-d10 (I)

16.951min (-0.003) 0.40 ng/ul m

response 26297

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.10	9.61#
80.00	13.90	10.60#
0.00	0.00	0.00

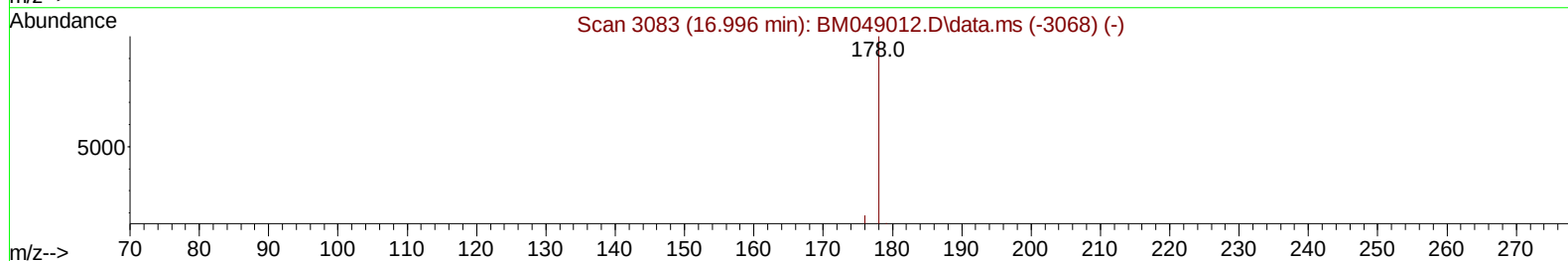
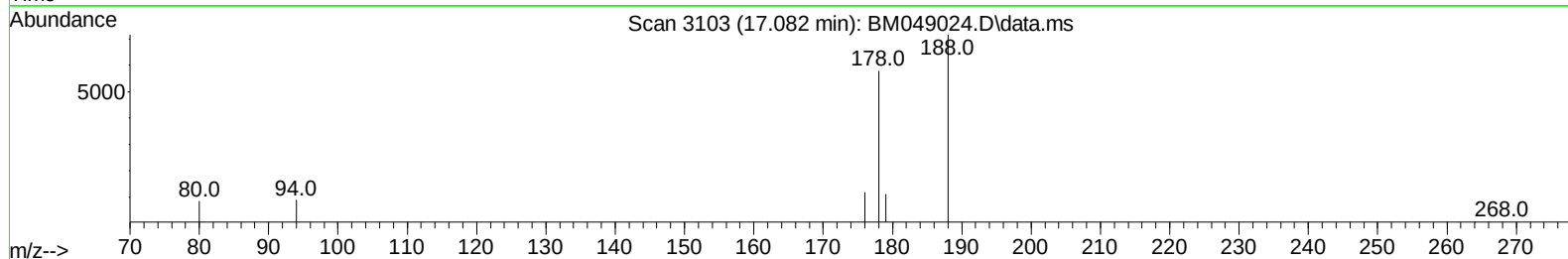
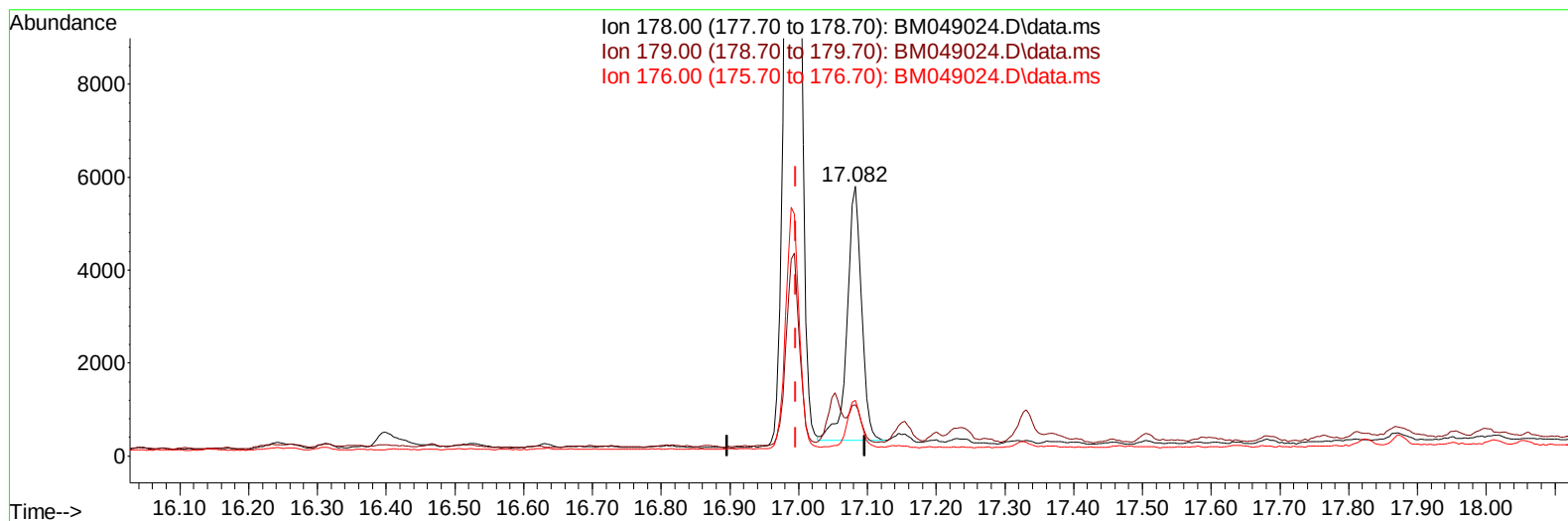
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
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Reviewed By :Yogesh Patel 12/18/2024
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TIC: BM049024.D\data.ms

(15) Phenanthrene

17.082min (+ 0.086) 0.11 ng/u1

response 7997

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.30	19.09
176.00	19.80	20.66
0.00	0.00	0.00

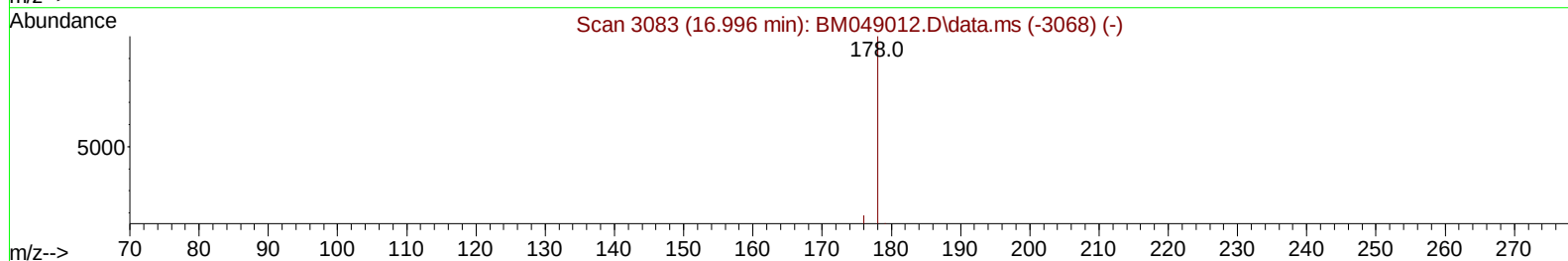
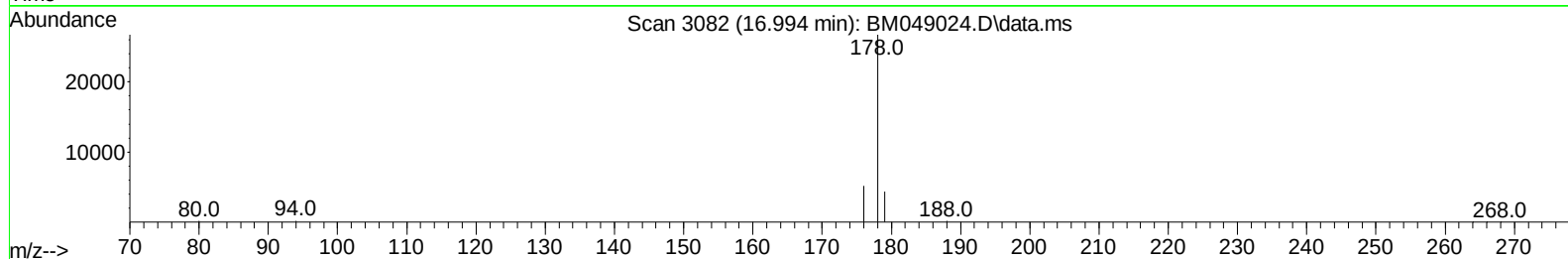
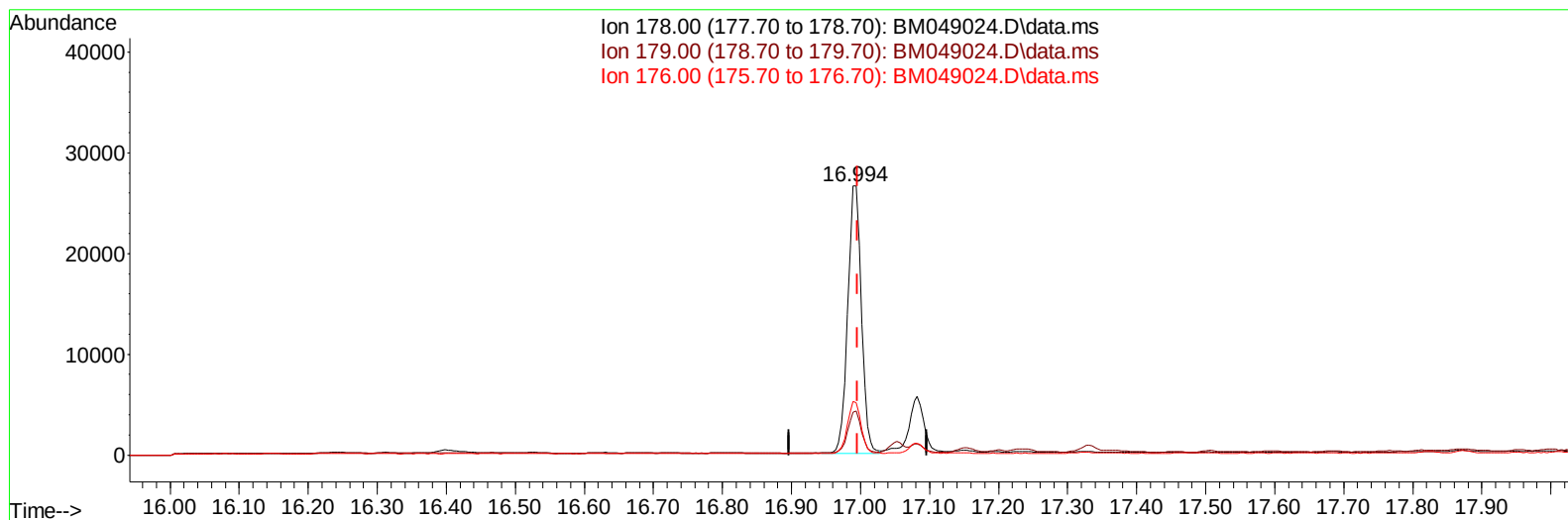
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(15) Phenanthrene

16.994min (-0.003) 0.51 ng/ul m

response 36466

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.30	16.38
176.00	19.80	19.47
0.00	0.00	0.00

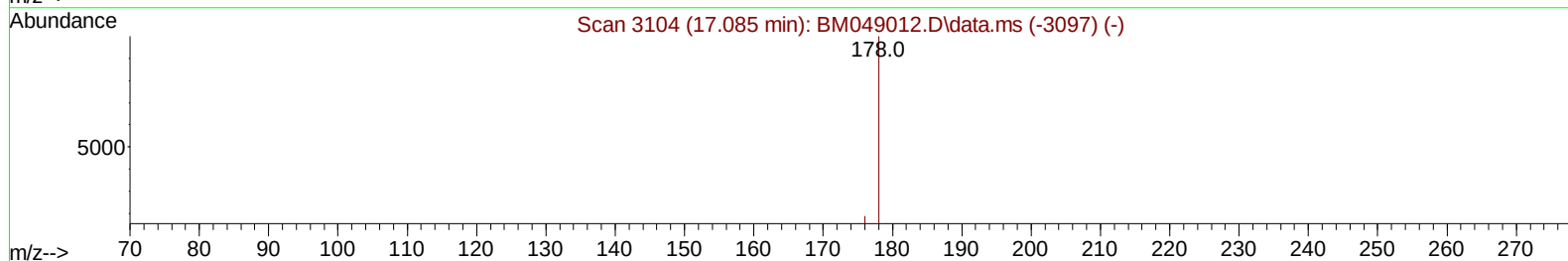
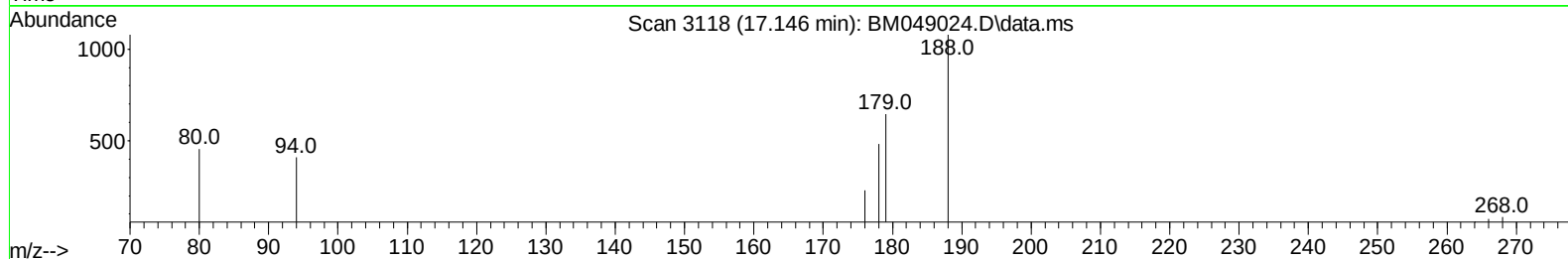
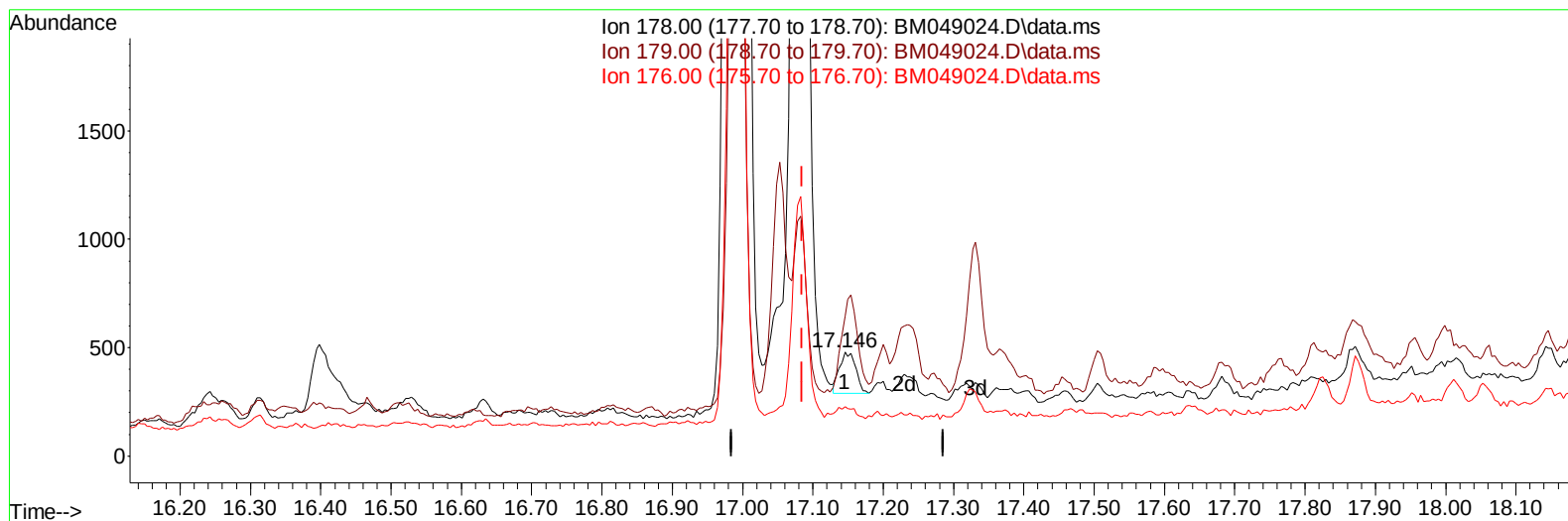
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
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TIC: BM049024.D\data.ms

(16) Anthracene

17.146min (+ 0.060) 0.00 ng/u1

response 306

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	134.30#
176.00	18.80	47.40#
0.00	0.00	0.00

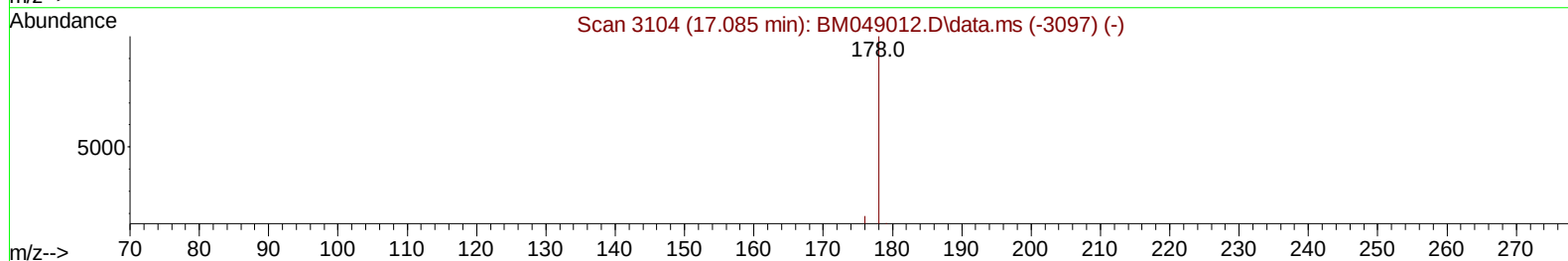
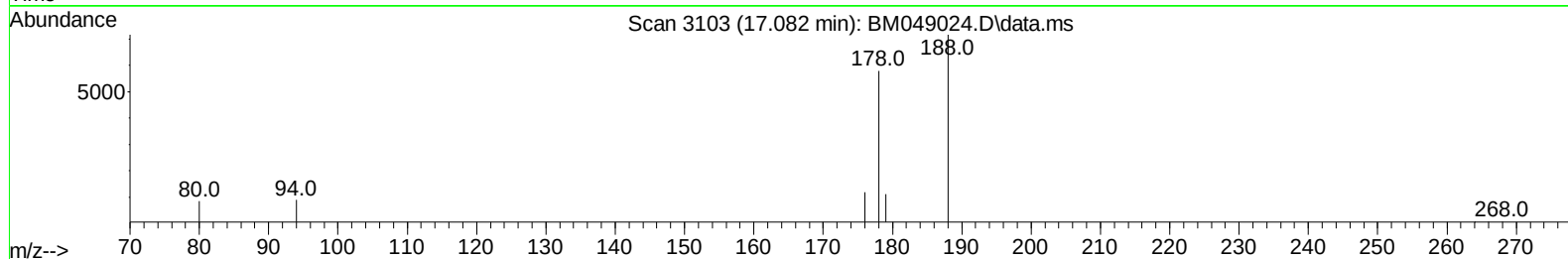
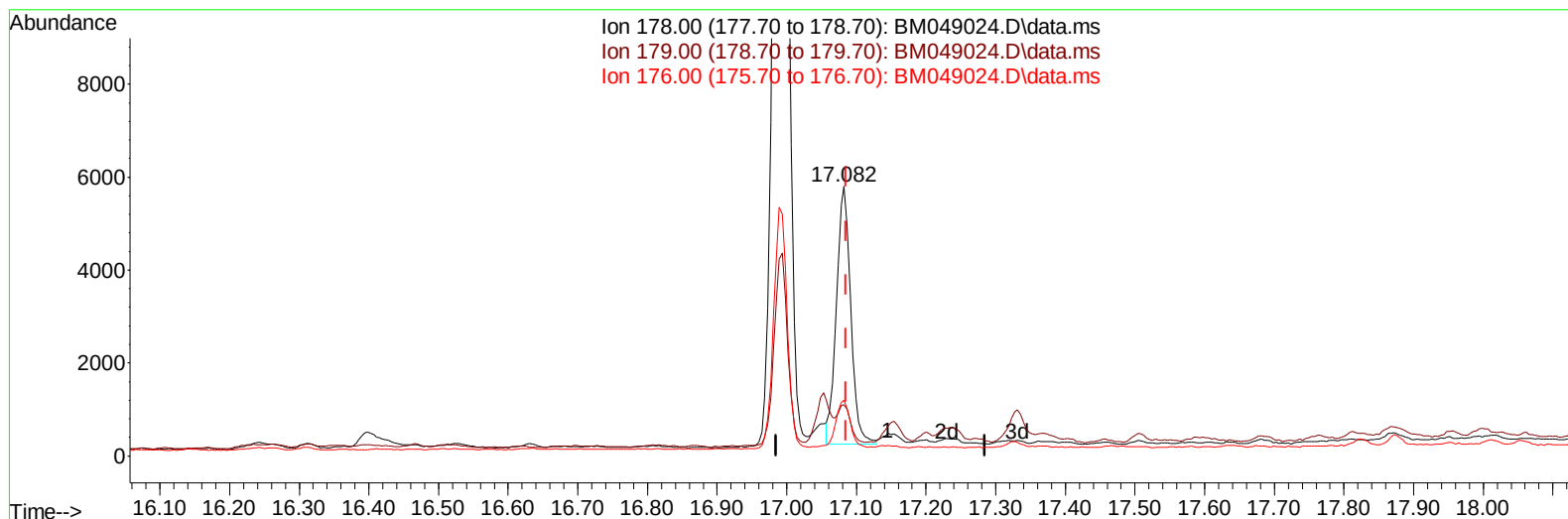
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(16) Anthracene

17.082min (-0.003) 0.12 ng/ul m

response 7835

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	19.09
176.00	18.80	20.66
0.00	0.00	0.00

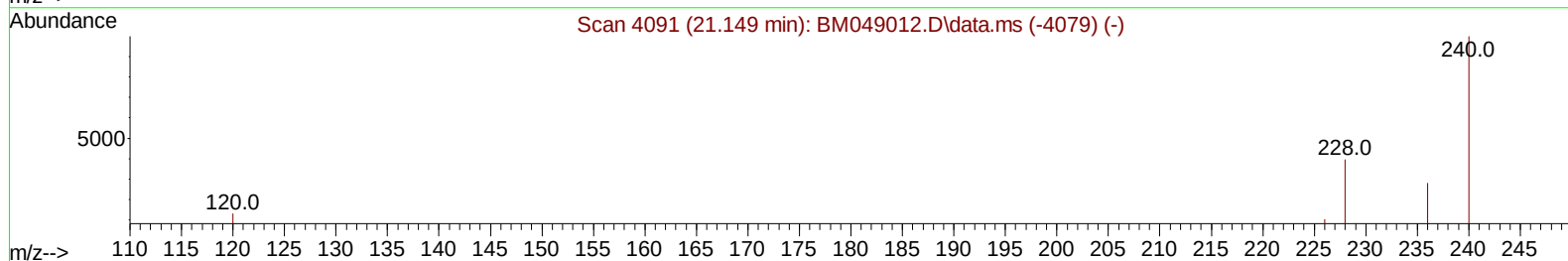
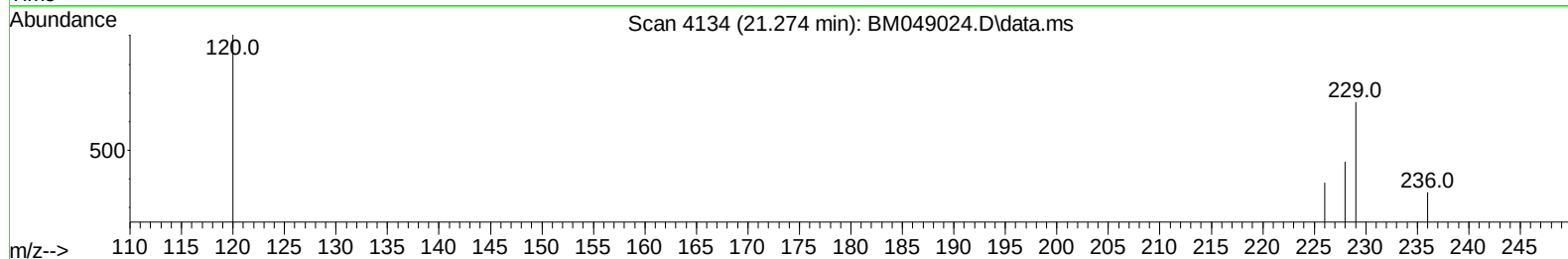
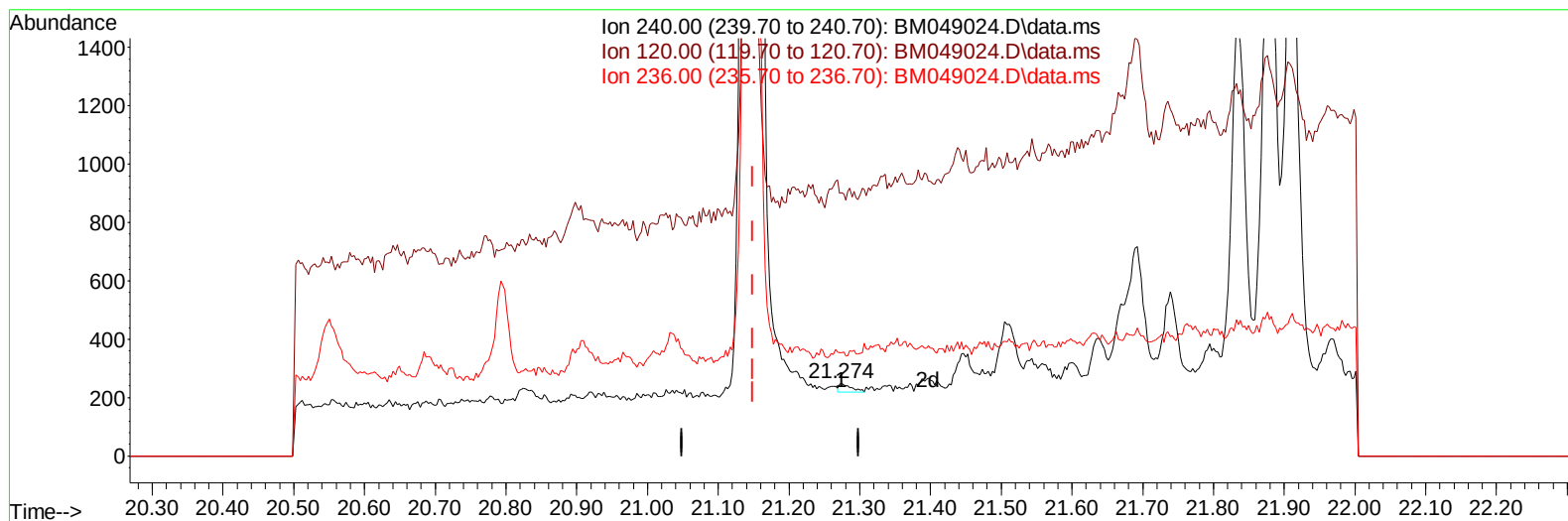
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM049024.D\data.ms

(17) Chrysene-d12

21.274min (+ 0.125) 0.40 ng/u1

response 33

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.30	361.20#
236.00	30.50	141.60#
0.00	0.00	0.00

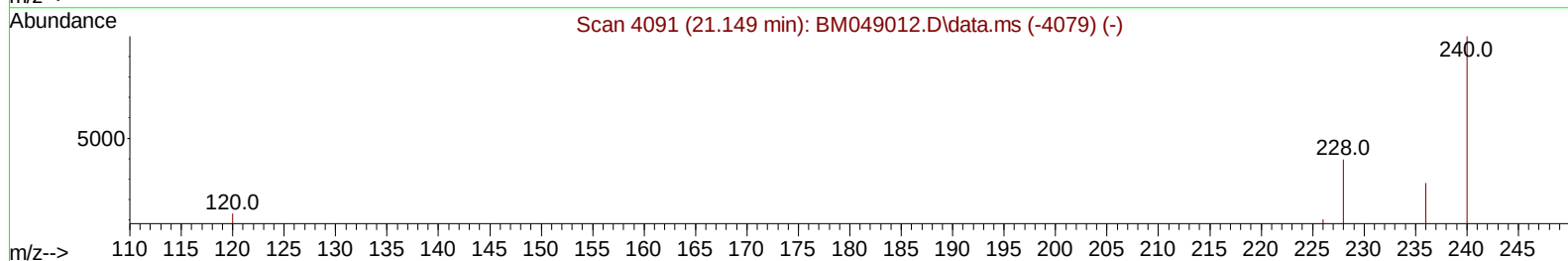
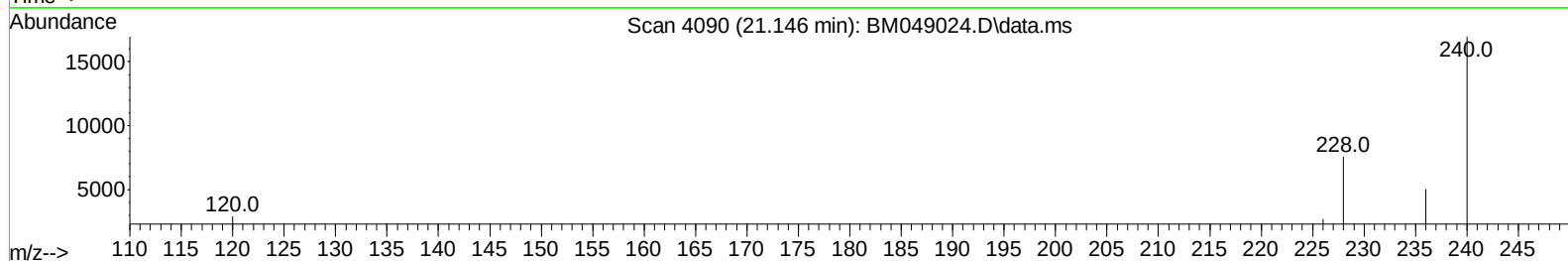
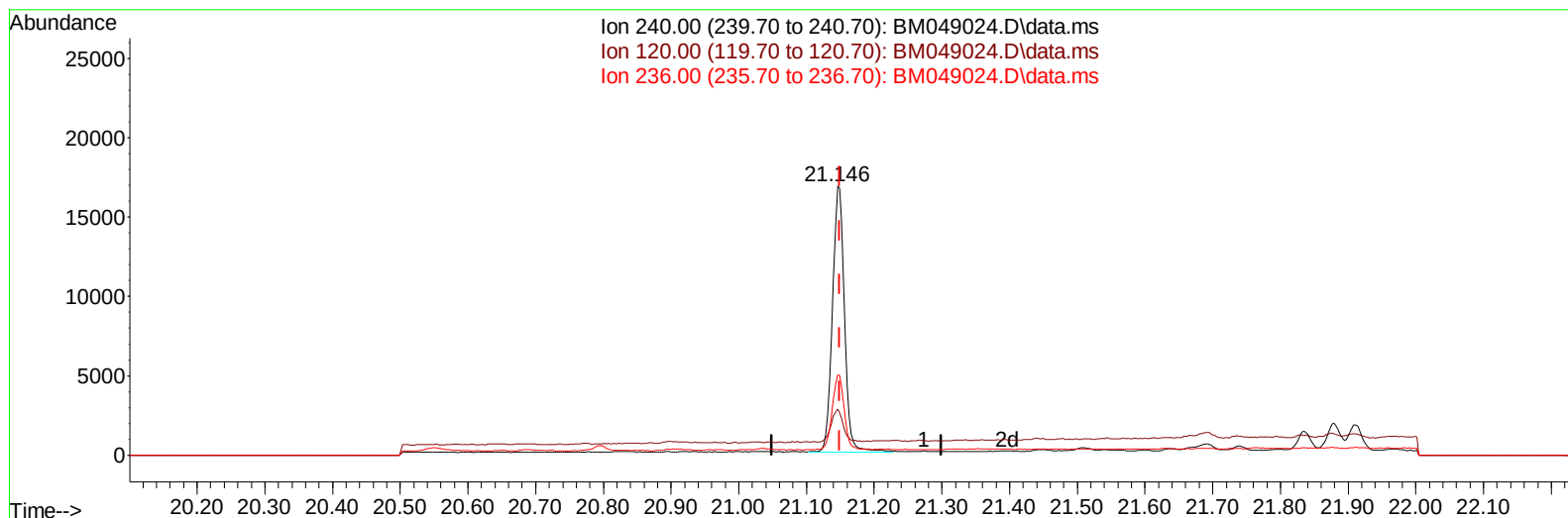
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

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

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049024.D\data.ms

(17) Chrysene-d12

21.146min (-0.003) 0.40 ng/ul m

response 20621

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.30	17.08
236.00	30.50	29.76
0.00	0.00	0.00

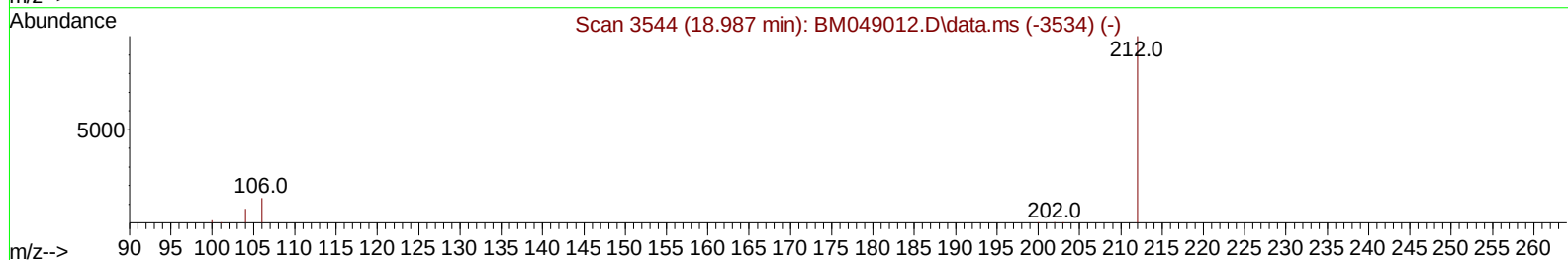
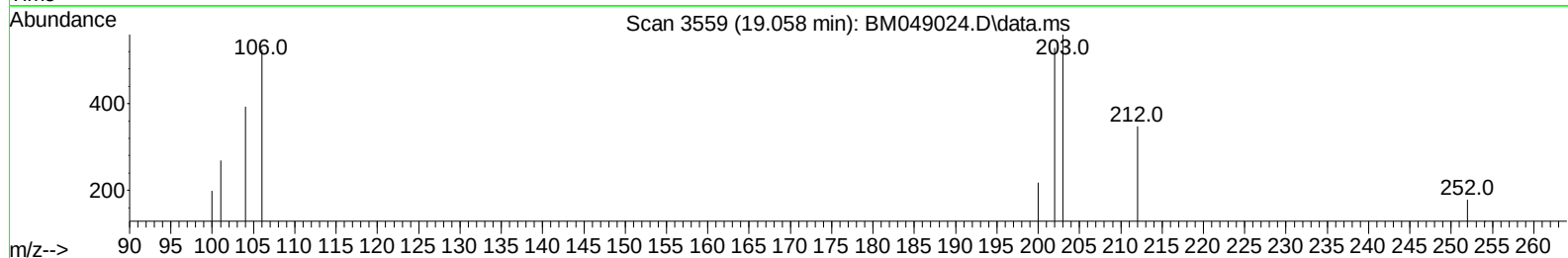
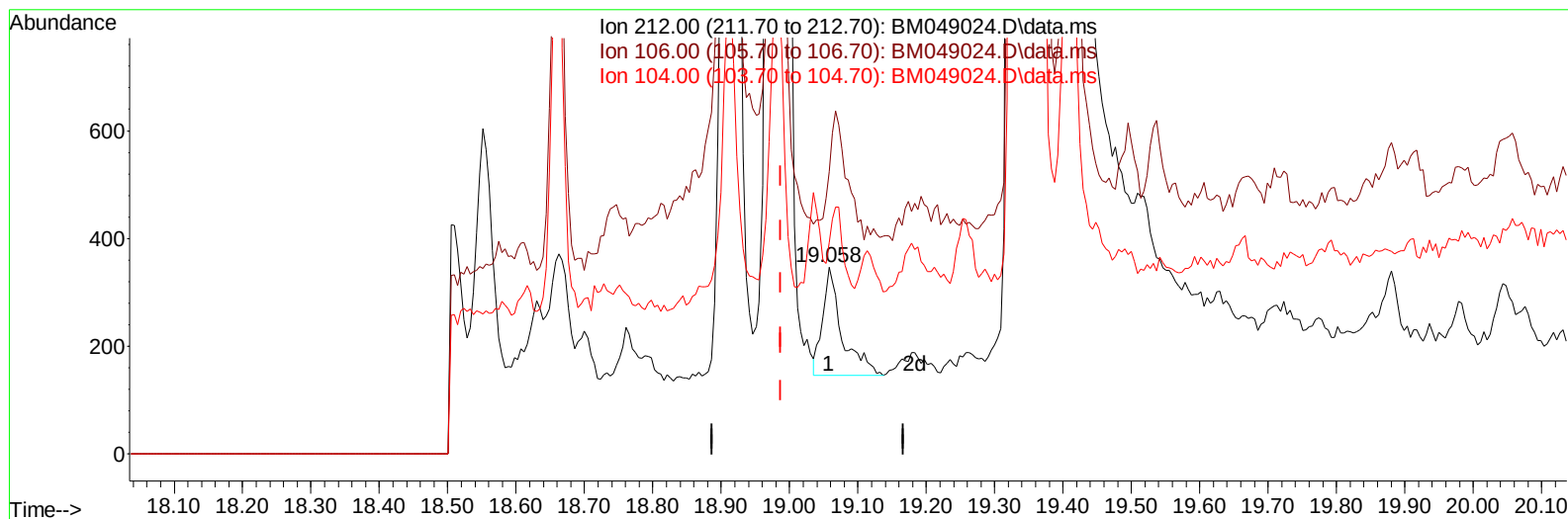
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
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TIC: BM049024.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.058min (+ 0.071) 0.01 ng/u1

response 400

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.90	105.75#
104.00	8.70	47.00#
0.00	0.00	0.00

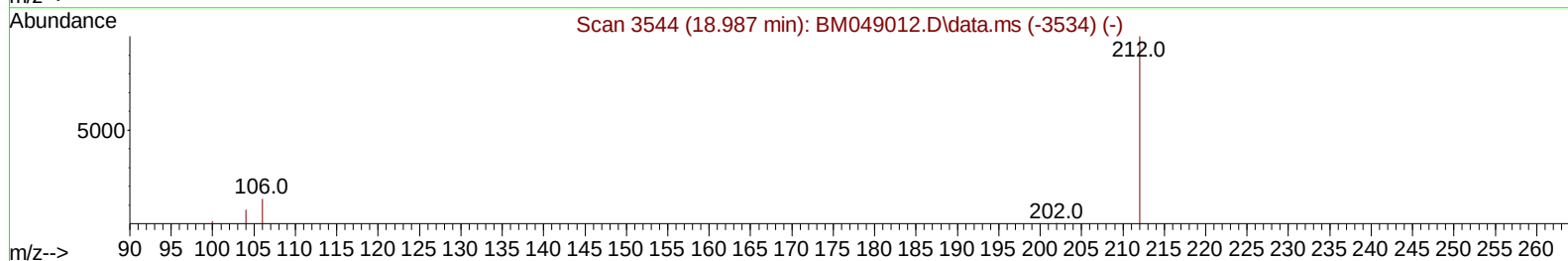
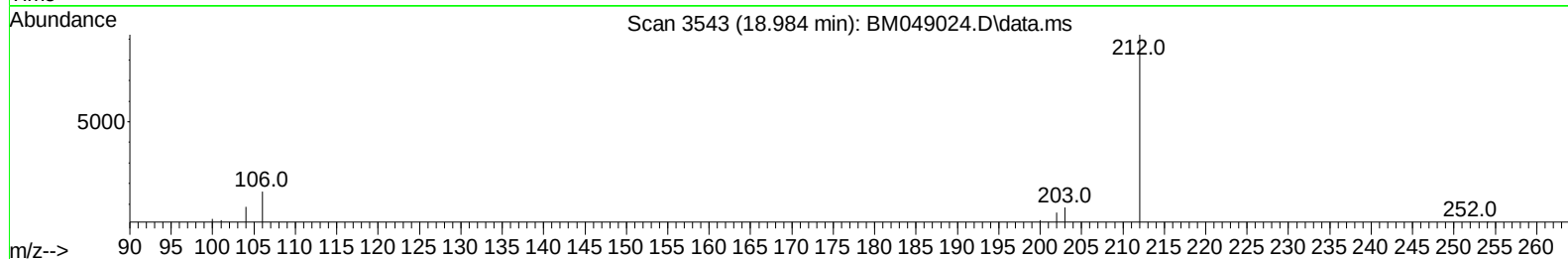
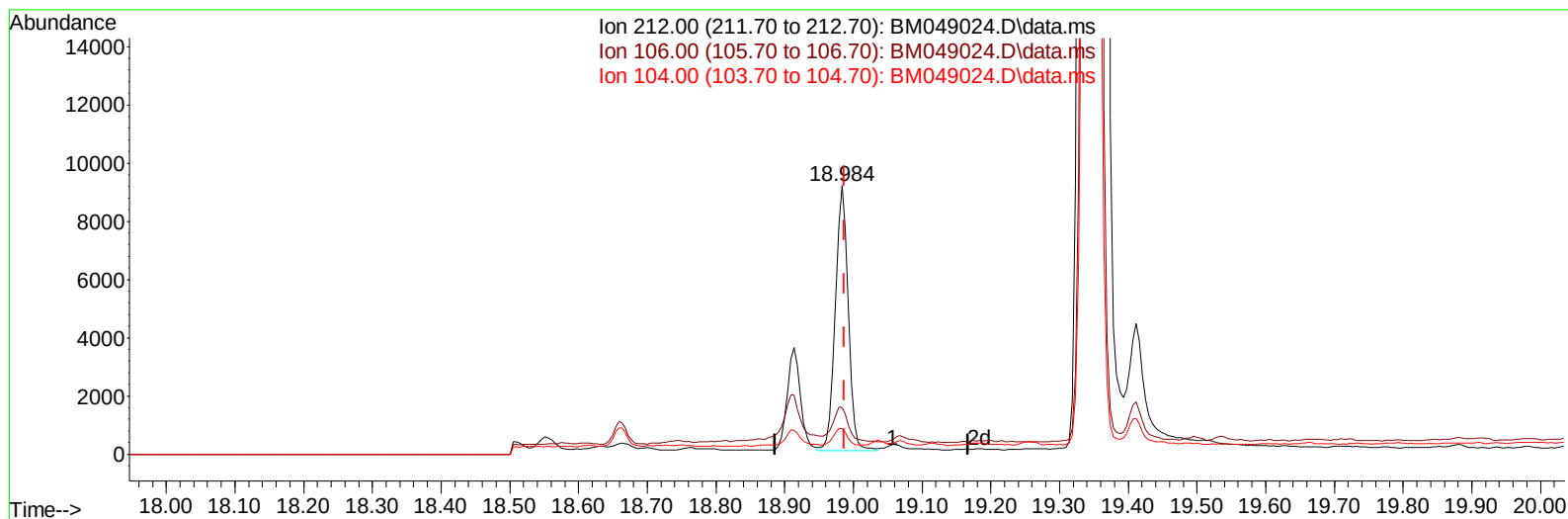
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
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TIC: BM049024.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.984min (-0.003) 0.19 ng/ul m

response 11990

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.90	3.53#
104.00	8.70	1.57#
0.00	0.00	0.00

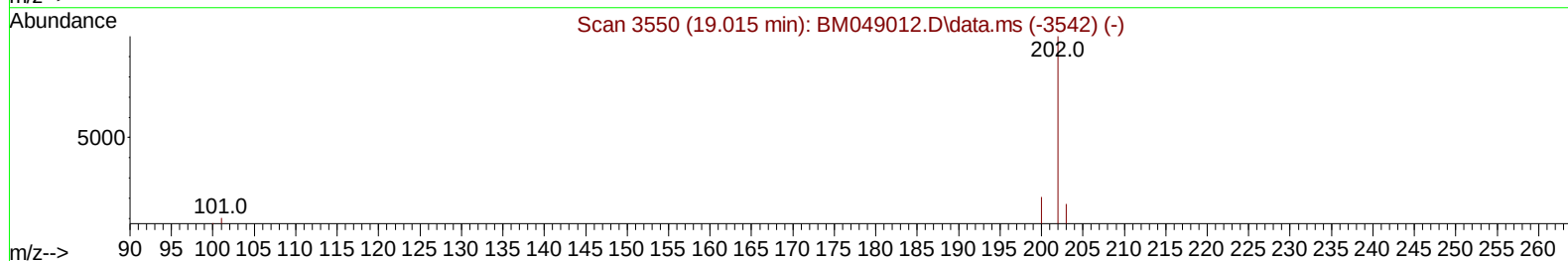
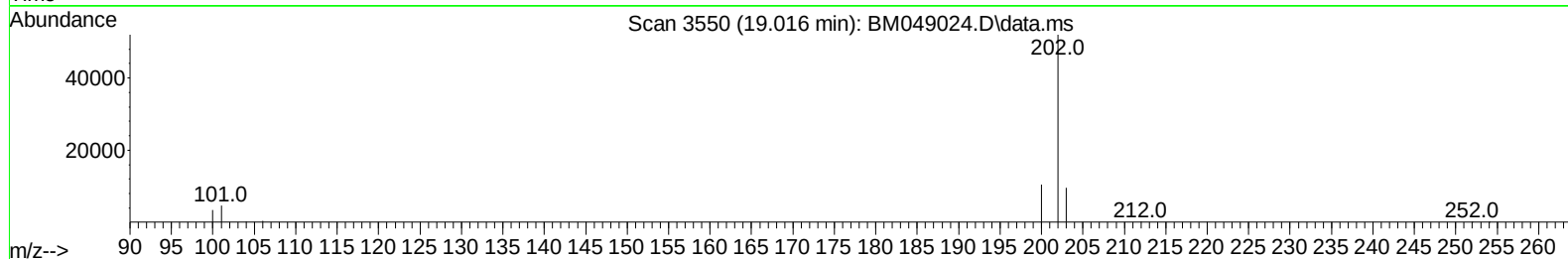
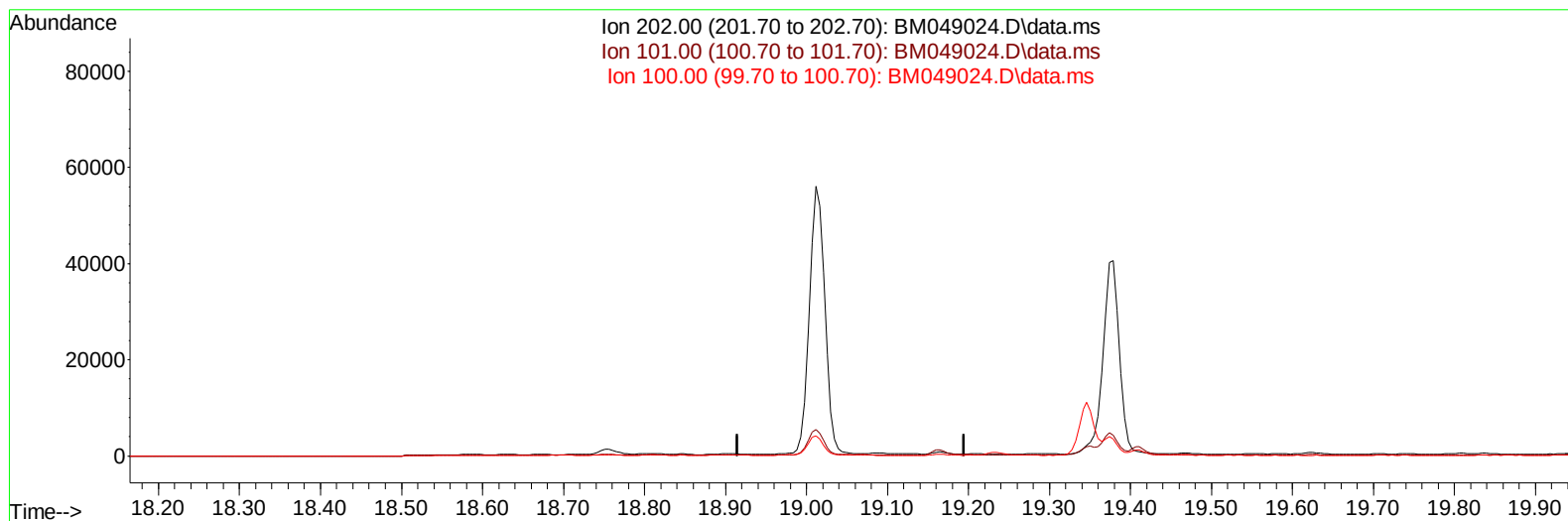
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM049024.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	12.10	0.00#
100.00	9.10	0.00#
0.00	0.00	0.00

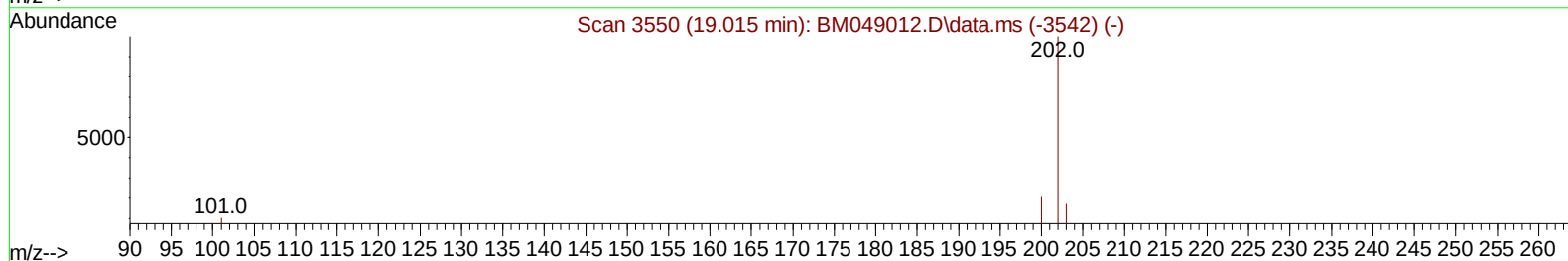
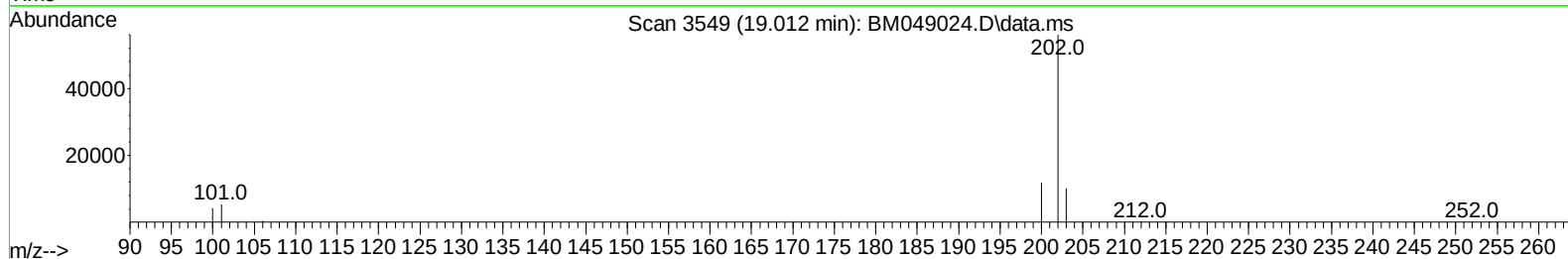
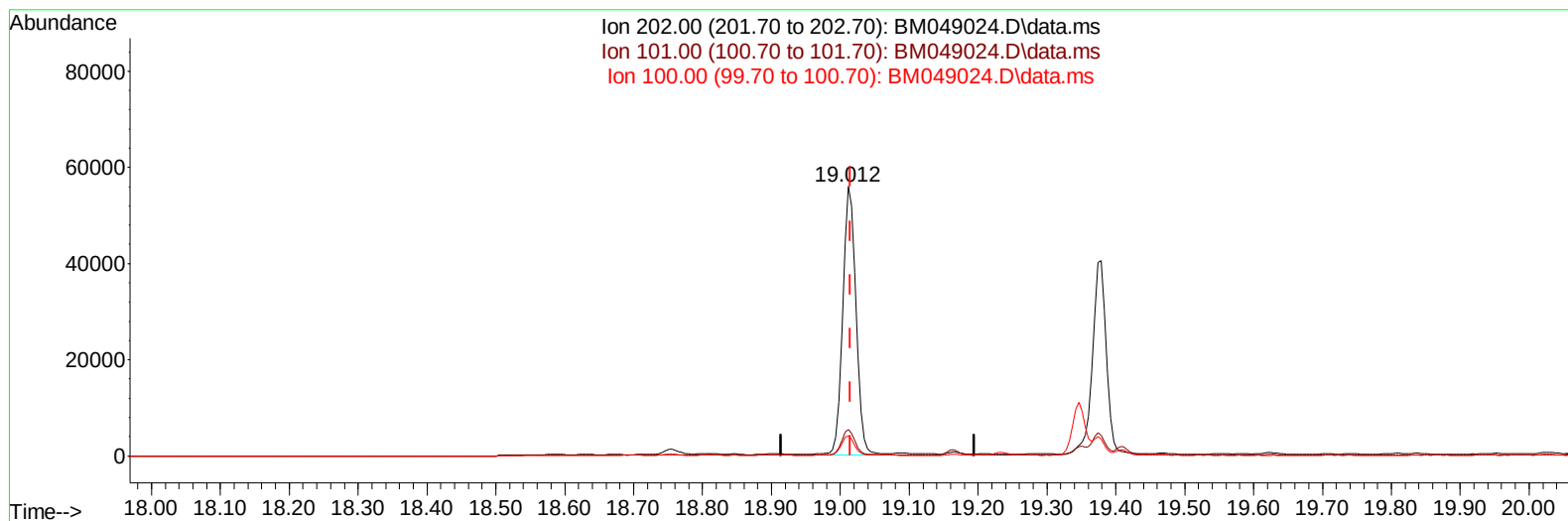
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 12/18/2024



TIC: BM049024.D\data.ms

(19) Fluoranthene (C)

19.012min (-0.003) 0.88 ng/ul m

response 75058

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.10	9.81
100.00	9.10	7.52
0.00	0.00	0.00

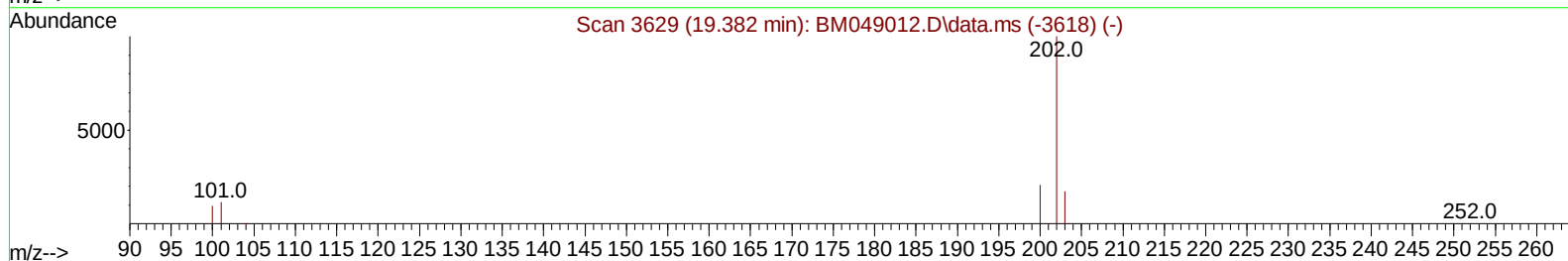
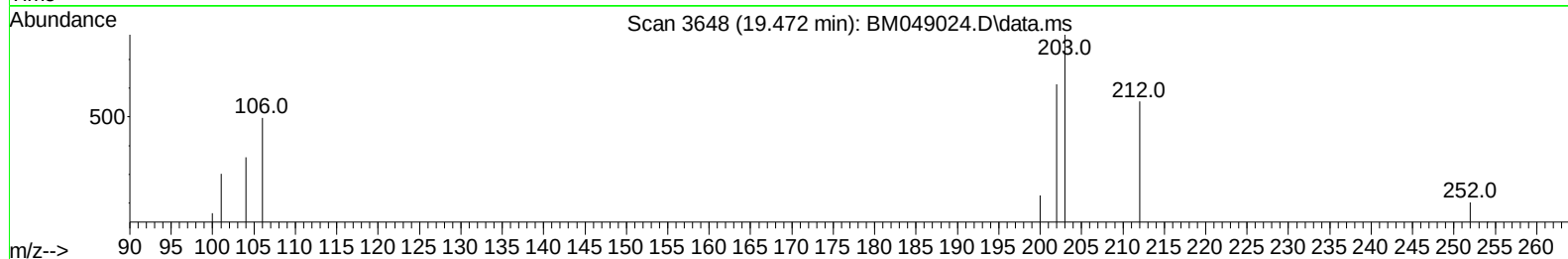
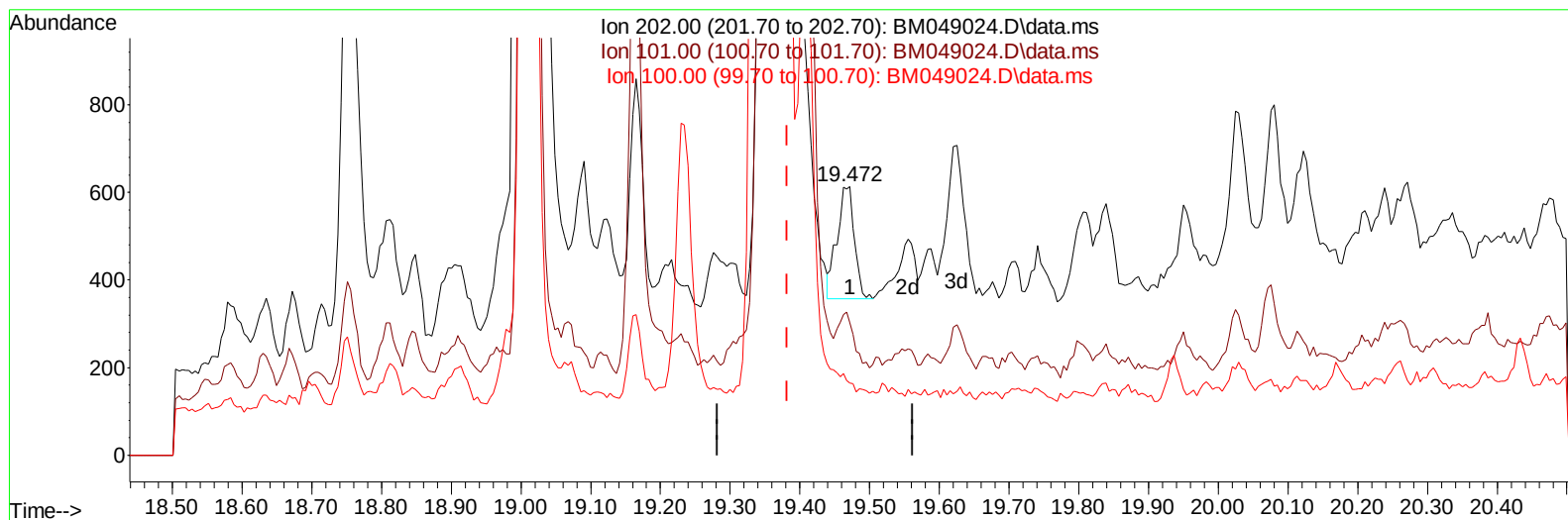
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
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Supervised By :mohammad ahmed 12/18/2024



TIC: BM049024.D\data.ms

(20) Pyrene

19.472min (+ 0.090) 0.00 ng/u1

response 446

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	49.35#
100.00	10.50	26.87#
0.00	0.00	0.00

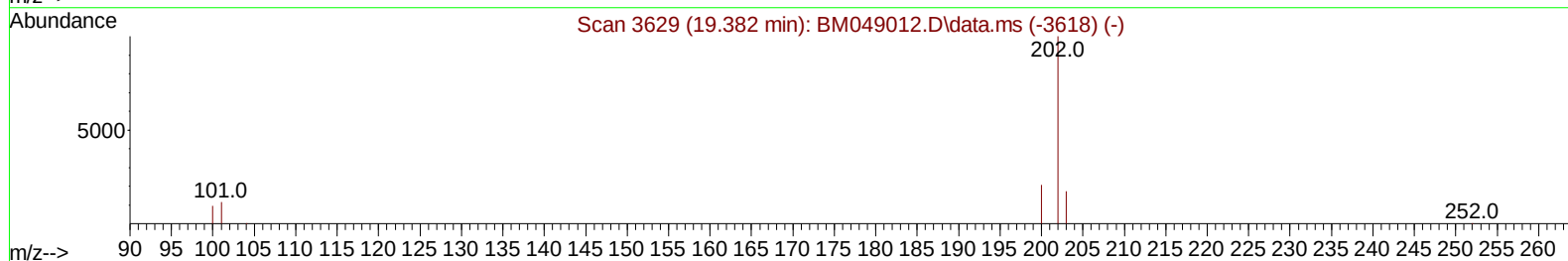
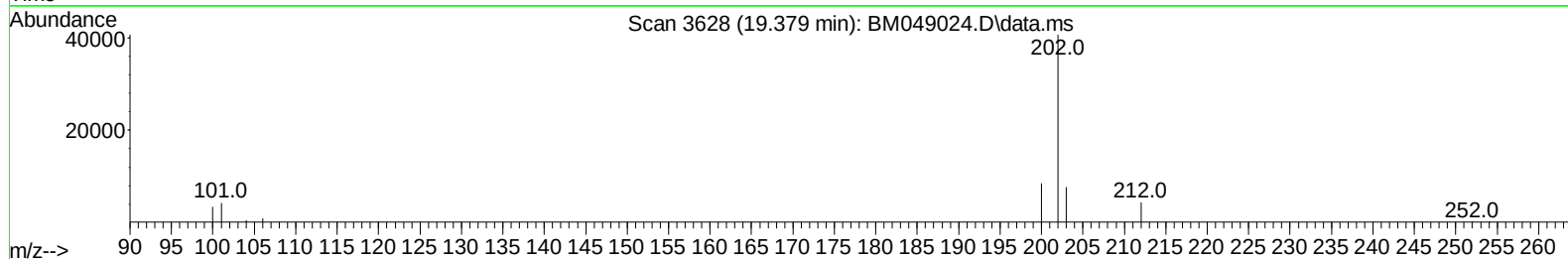
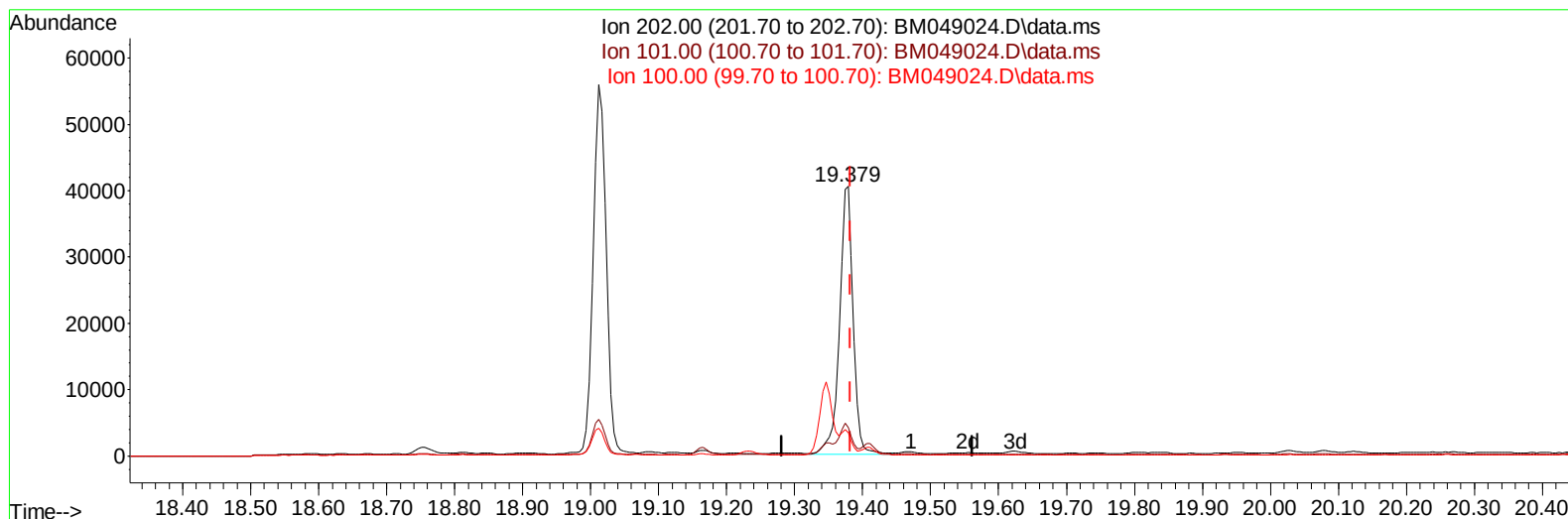
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(20) Pyrene

19.379min (-0.003) 0.62 ng/ul m

response 57526

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	10.50#
100.00	10.50	8.59
0.00	0.00	0.00

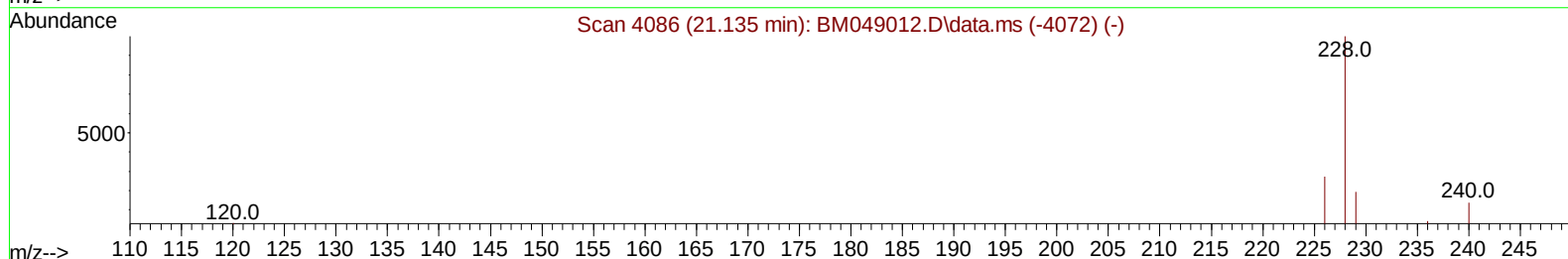
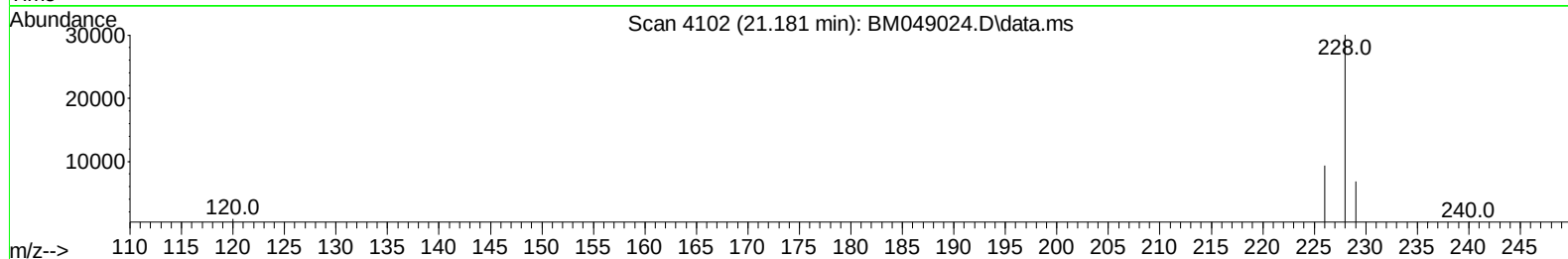
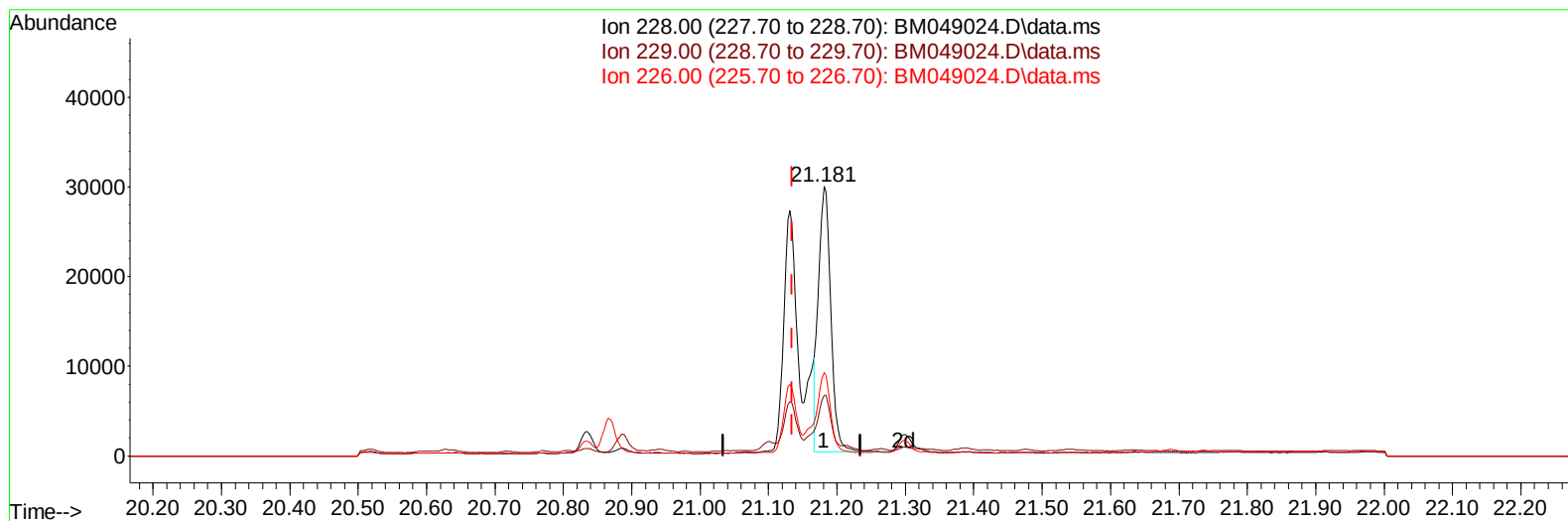
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(21) Benzo(a)anthracene

21.181min (+ 0.046) 0.51 ng/u1

response 37301

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.62
226.00	28.70	31.06
0.00	0.00	0.00

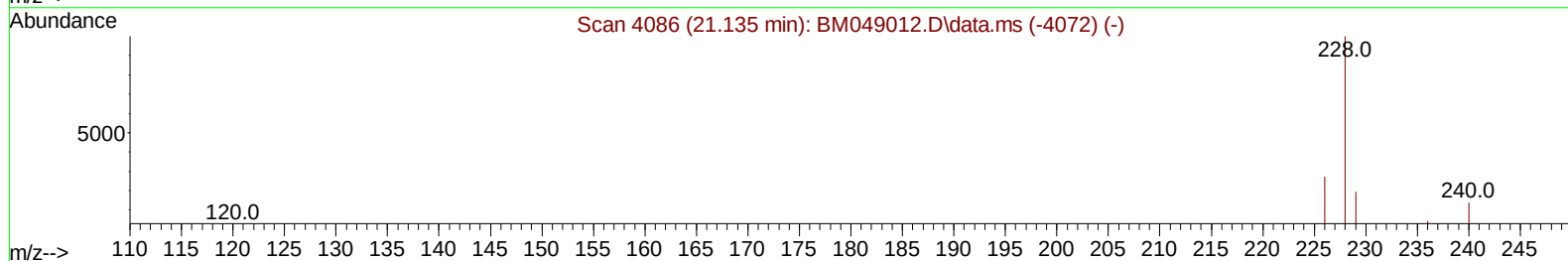
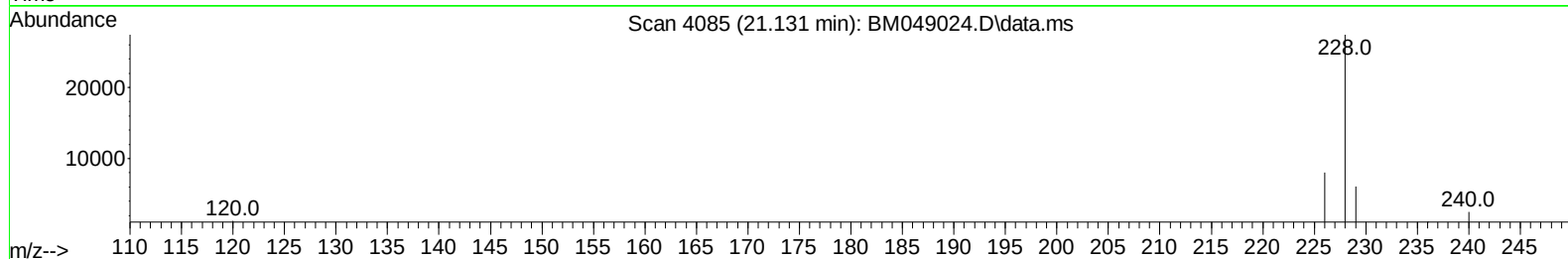
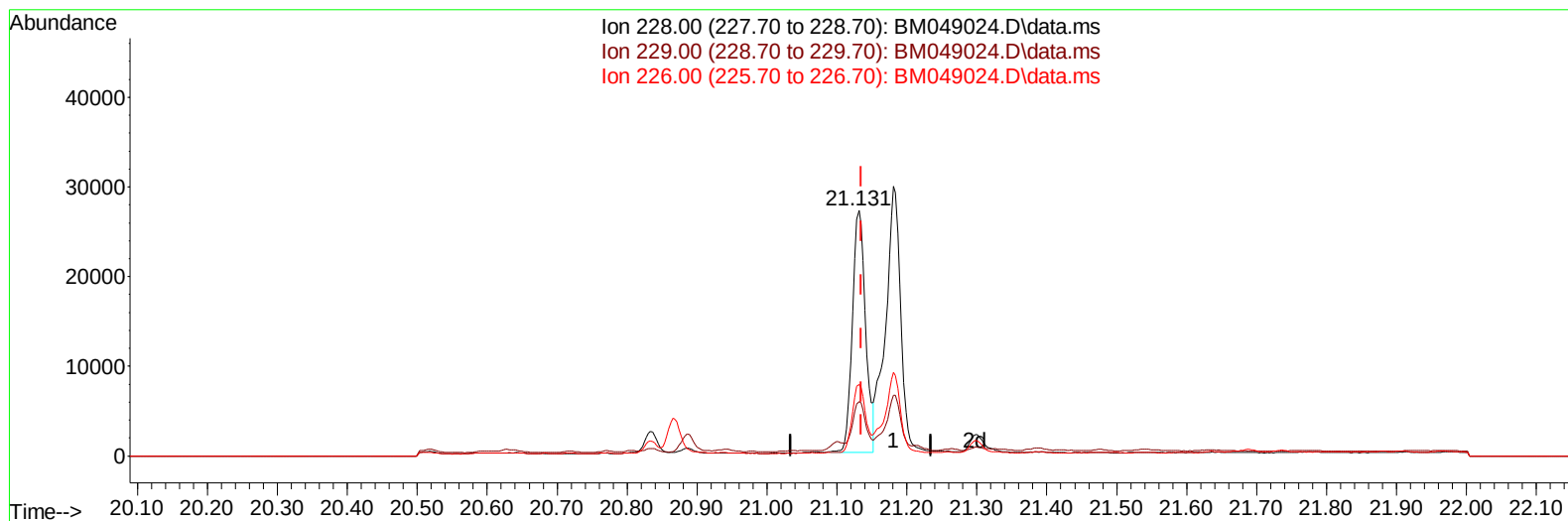
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(21) Benzo(a)anthracene

21.131min (-0.003) 0.49 ng/ul m

response 35670

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.09
226.00	28.70	29.14
0.00	0.00	0.00

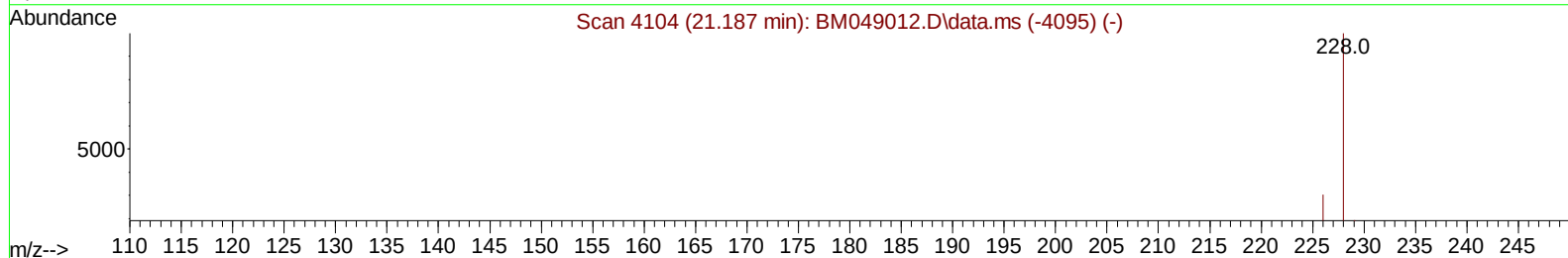
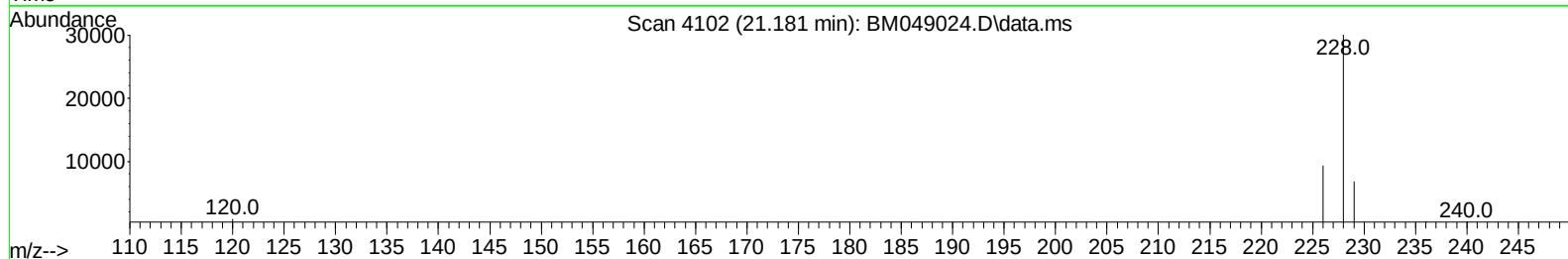
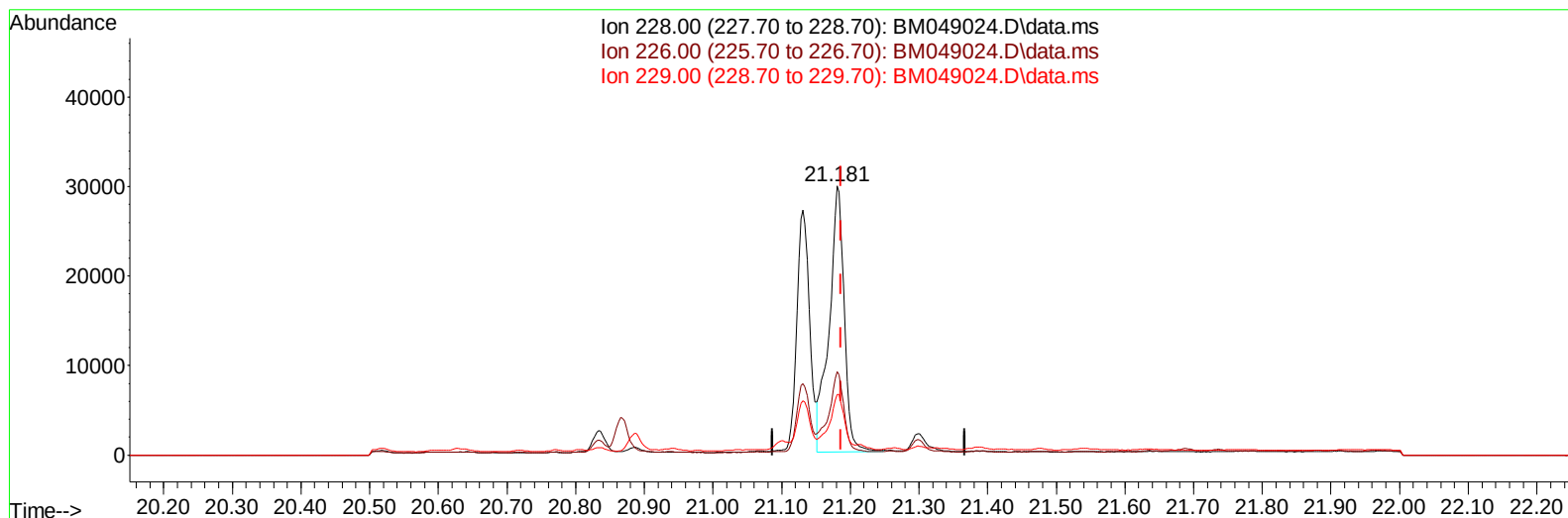
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(22) Chrysene

21.181min (-0.006) 0.55 ng/ul m

response 45299

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.00	31.06
229.00	20.00	22.62
0.00	0.00	0.00

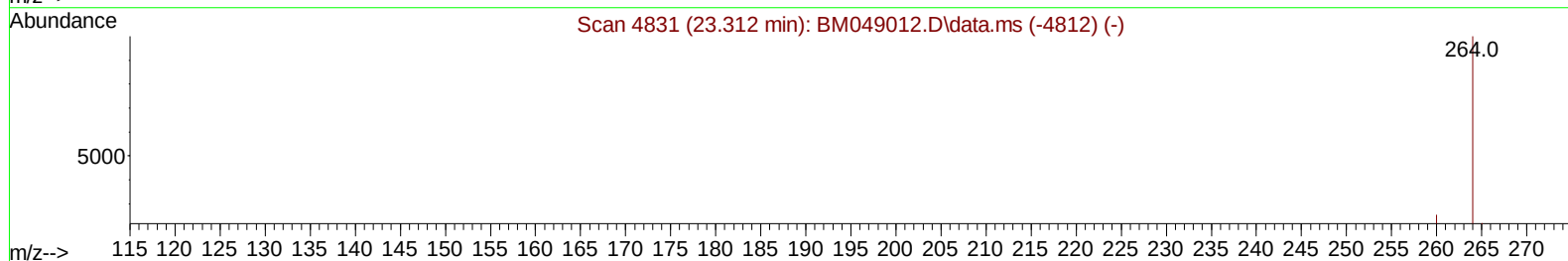
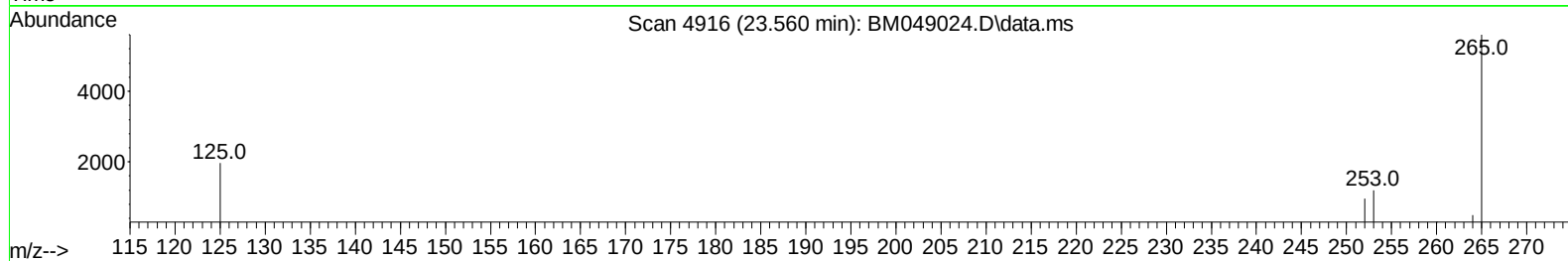
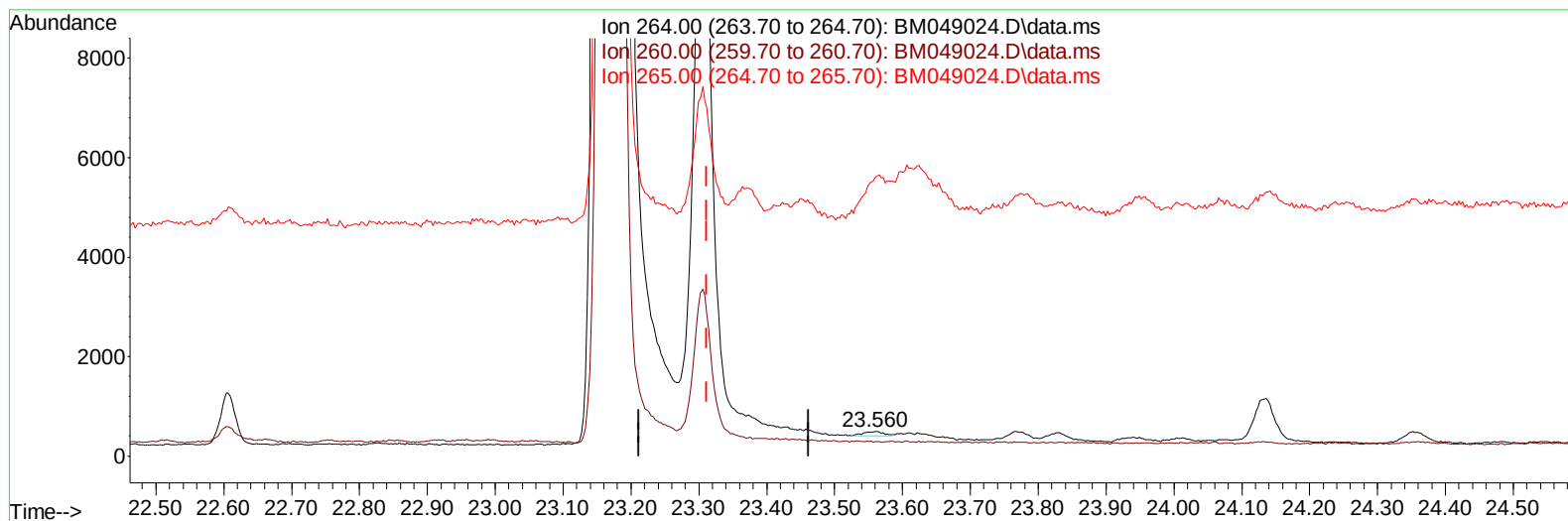
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(23) Perylene-d12 (I)

23.560min (+ 0.248) 0.40 ng/ul

response 169

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.50	58.95#
265.00	82.60	1127.16#
0.00	0.00	0.00

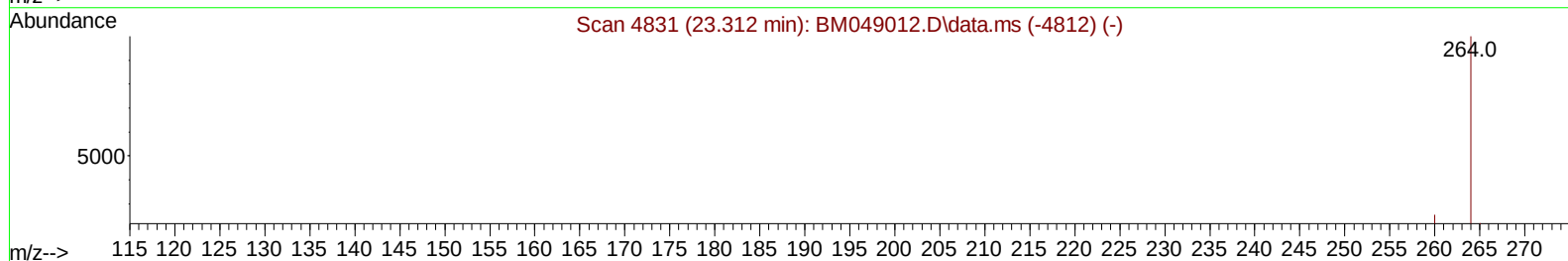
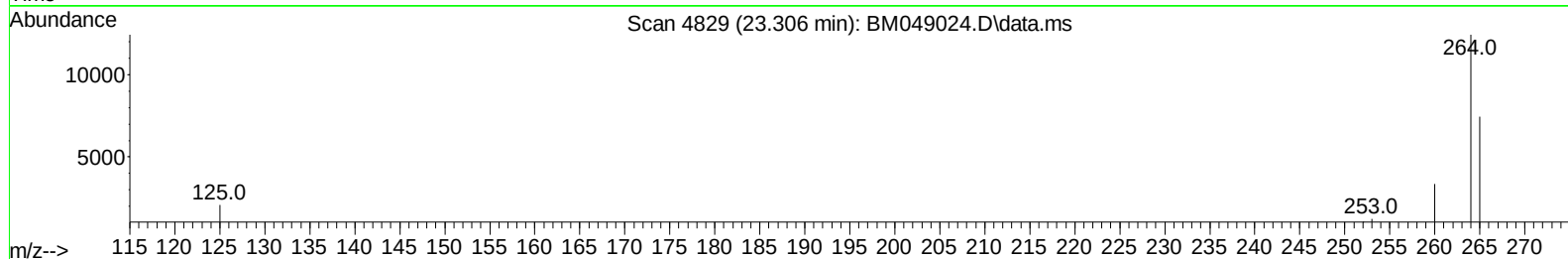
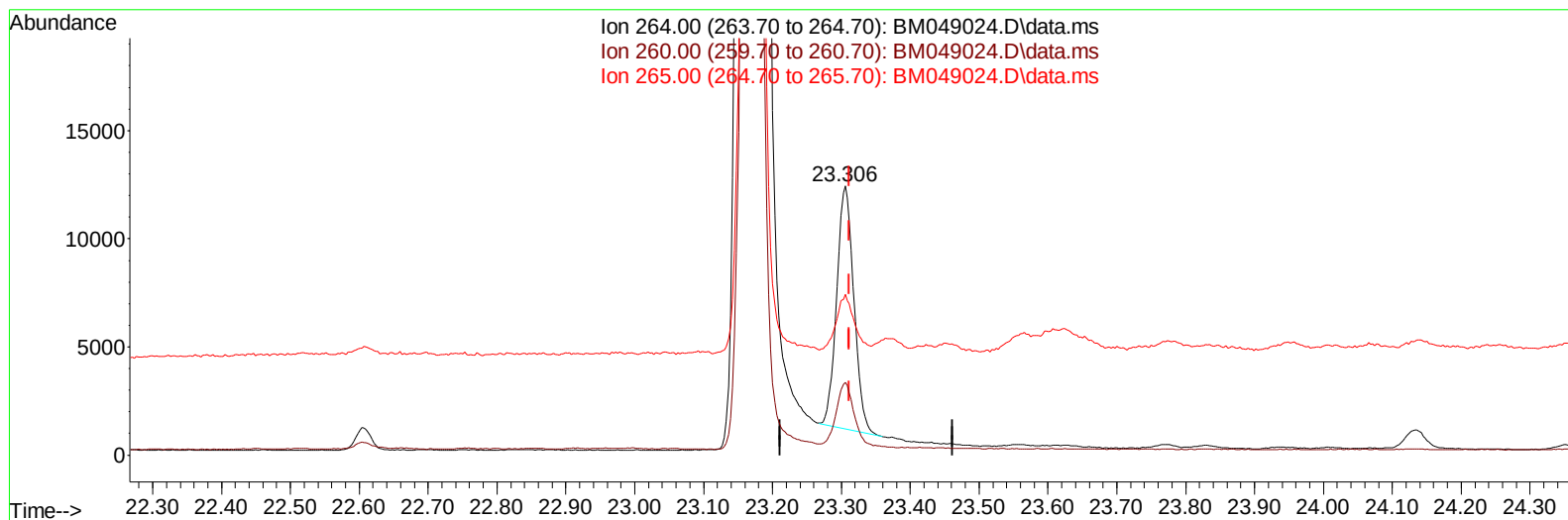
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(23) Perylene-d12 (I)

23.306min (-0.006) 0.40 ng/ul m

response 19428

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.50	27.01
265.00	82.60	59.77#
0.00	0.00	0.00

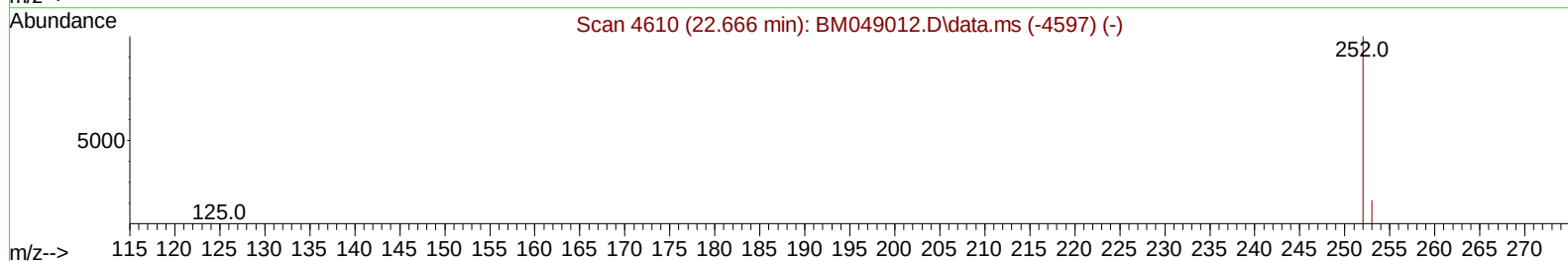
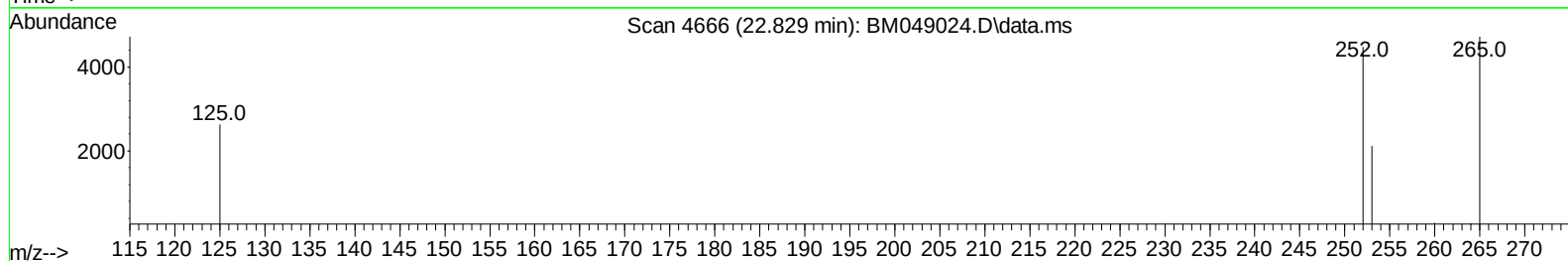
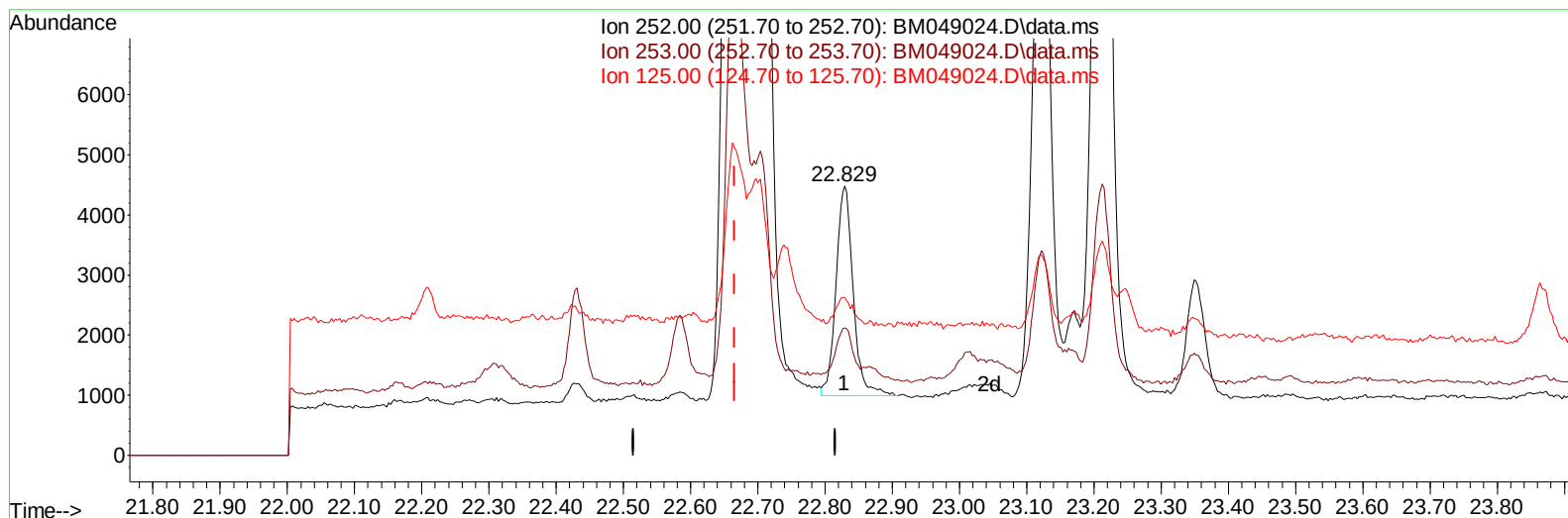
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(24) Benzo(b)fluoranthene

22.829min (+ 0.163) 0.09 ng/u1

response 6168

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.50	47.39
125.00	18.30	58.71#
0.00	0.00	0.00

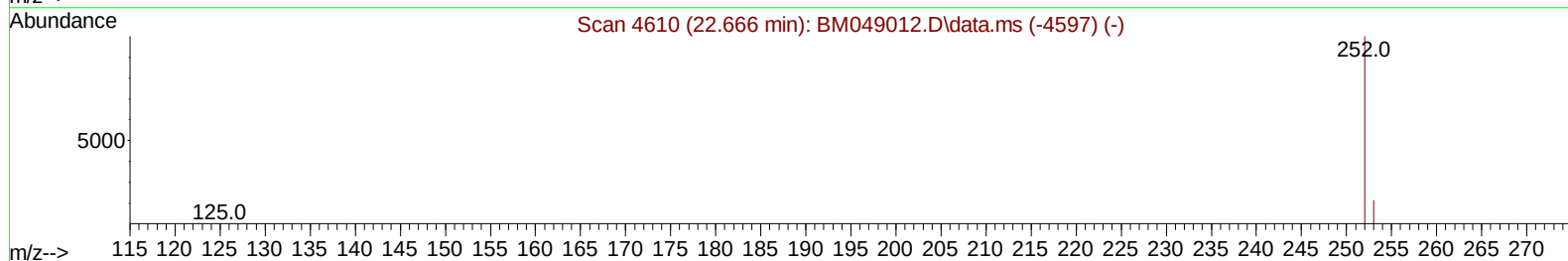
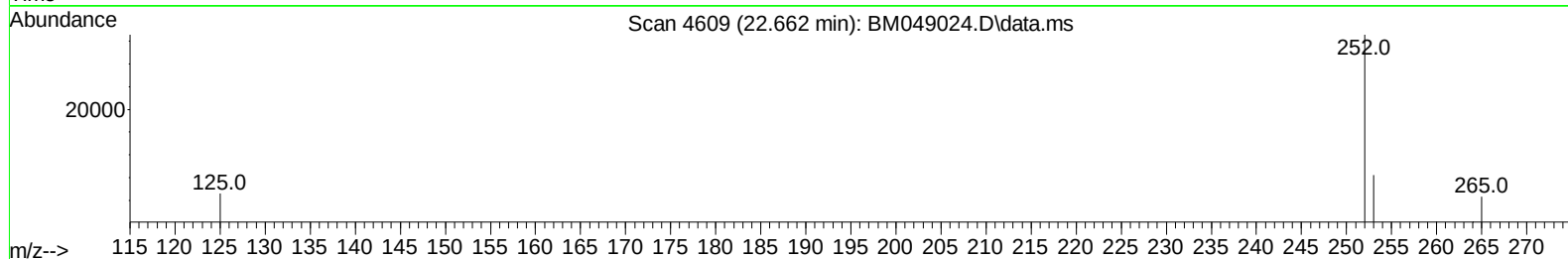
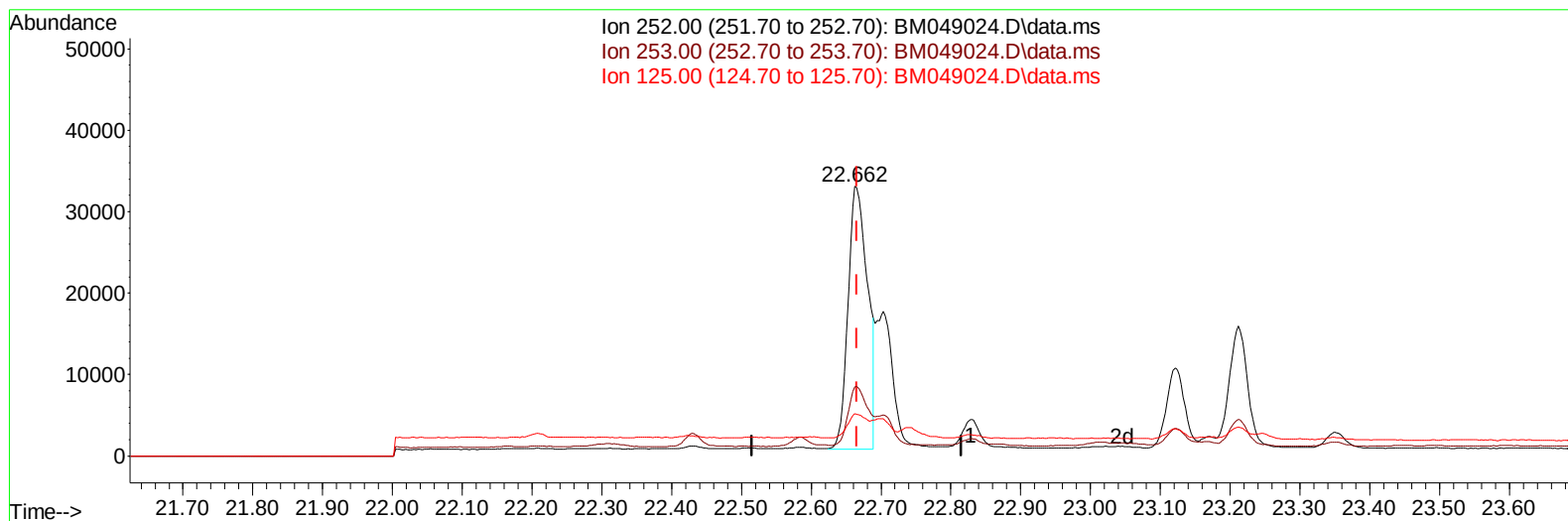
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(24) Benzo(b)fluoranthene

22.662min (-0.003) 0.93 ng/ul m

response 62760

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.50	25.68
125.00	18.30	15.72
0.00	0.00	0.00

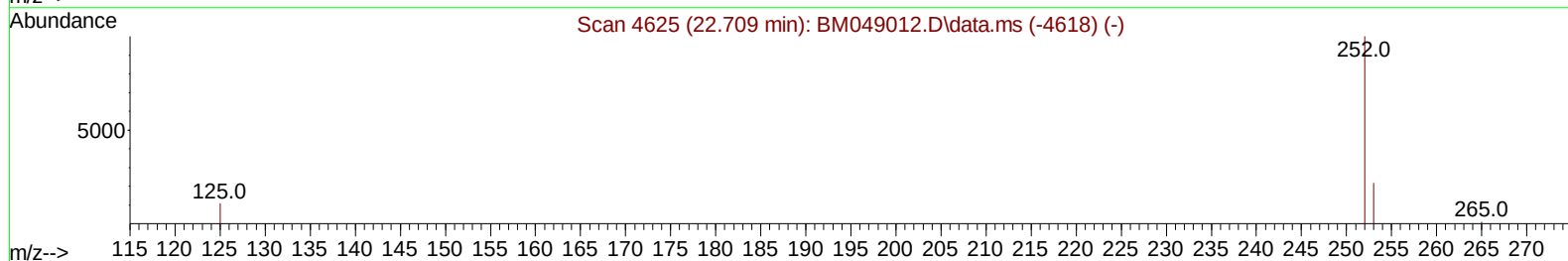
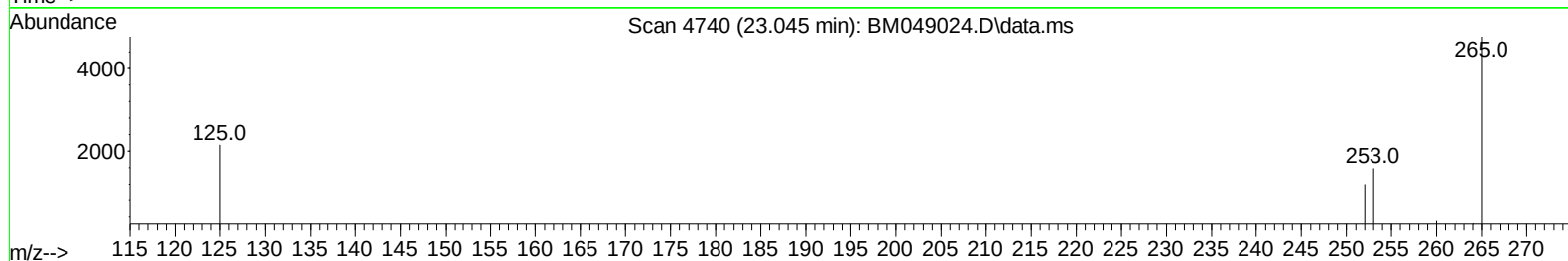
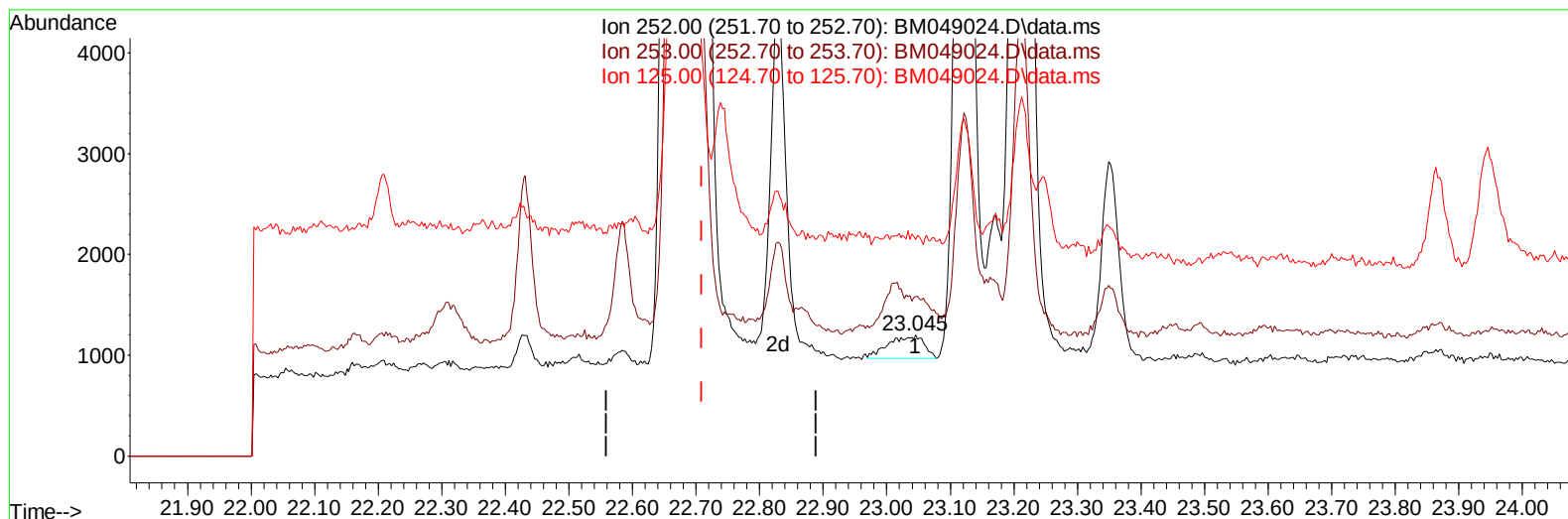
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(25) Benzo(k)fluoranthene

23.045min (+ 0.336) 0.01 ng/u1

response 857

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	131.67#
125.00	21.60	179.08#
0.00	0.00	0.00

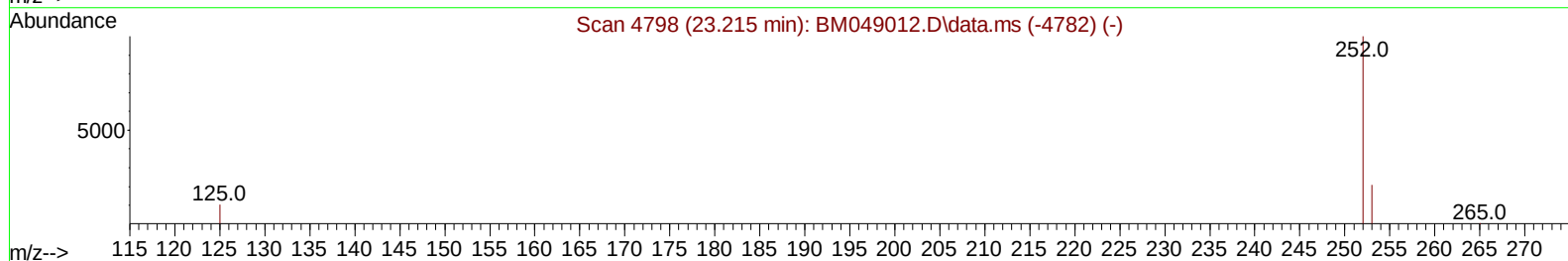
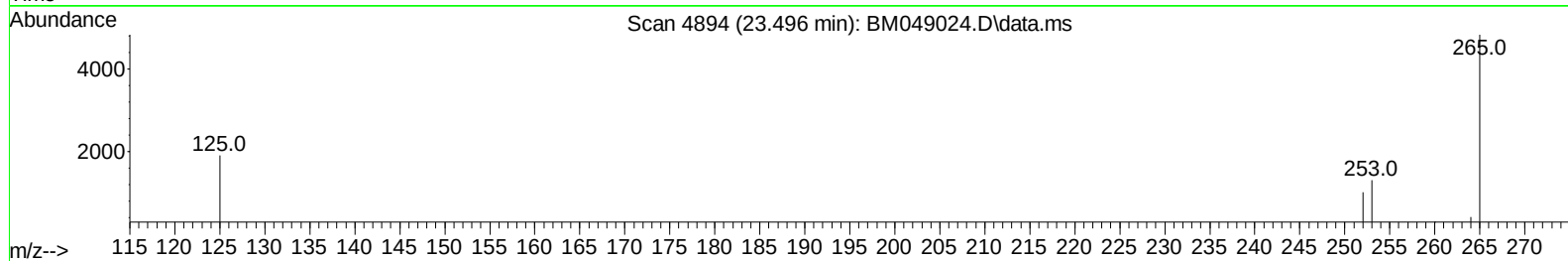
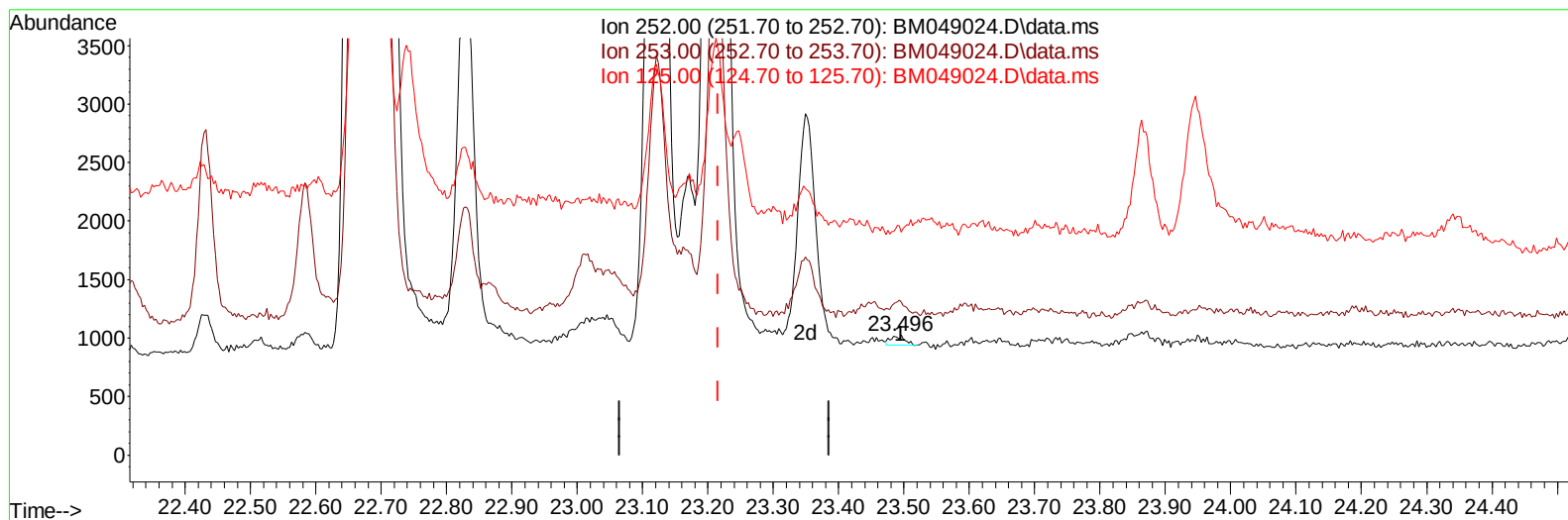
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(26) Benzo(a)pyrene (C)

23.496min (+ 0.280) 0.00 ng/u1

response 122

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.30	127.80#
125.00	23.20	185.95#
0.00	0.00	0.00

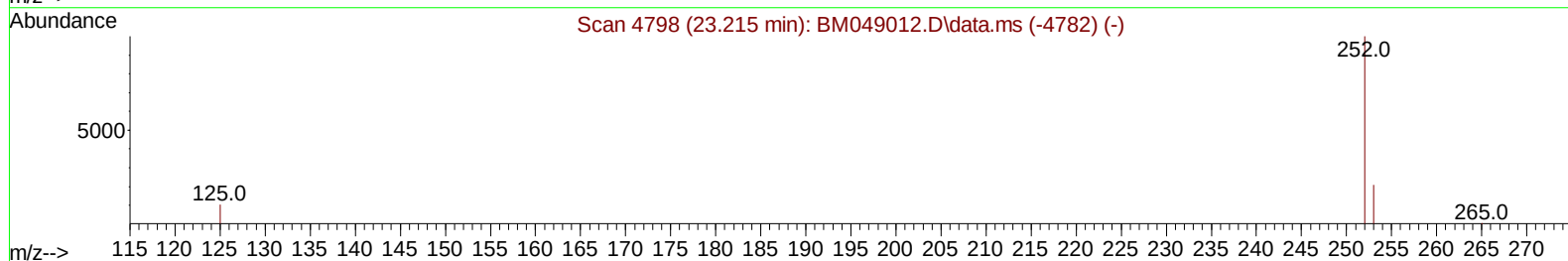
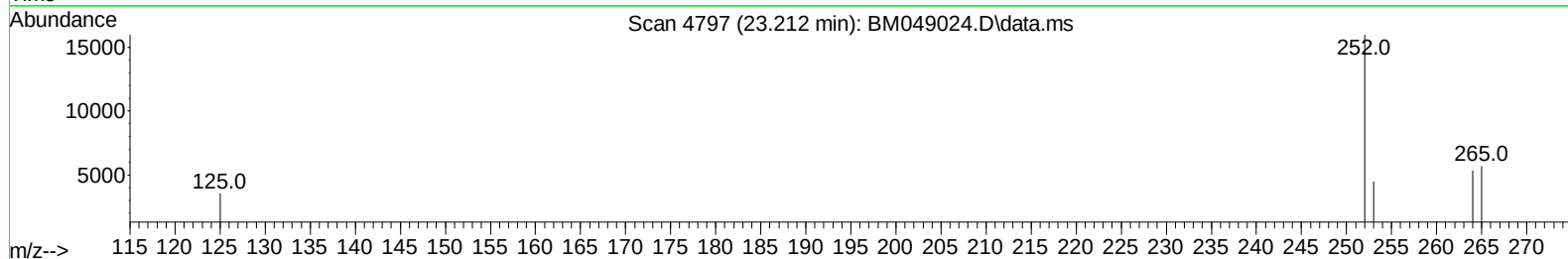
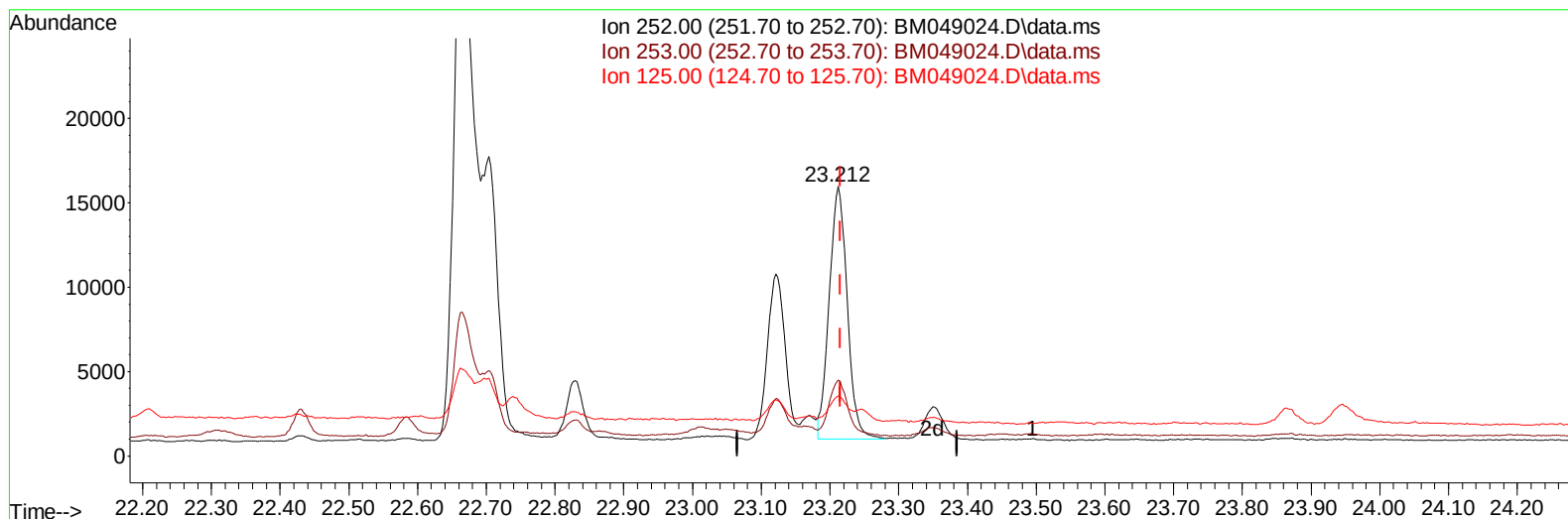
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(26) Benzo(a)pyrene (C)

23.212min (-0.003) 0.44 ng/ul m

response 27266

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.30	28.25
125.00	23.20	22.34
0.00	0.00	0.00

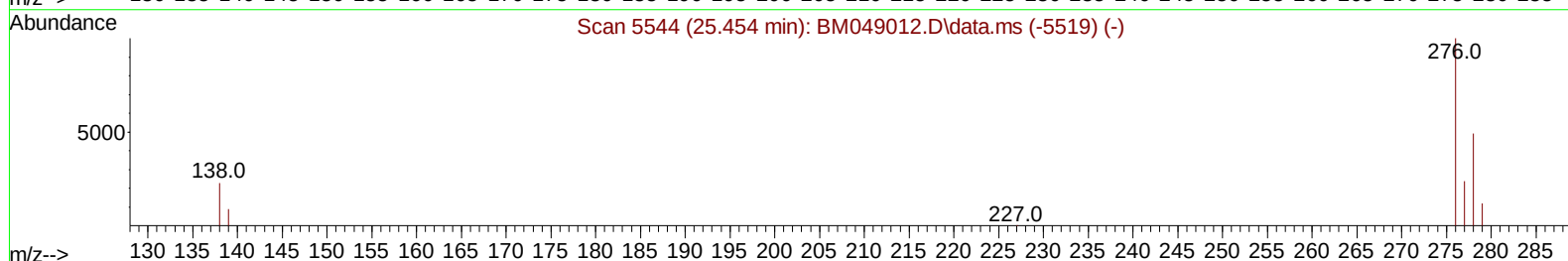
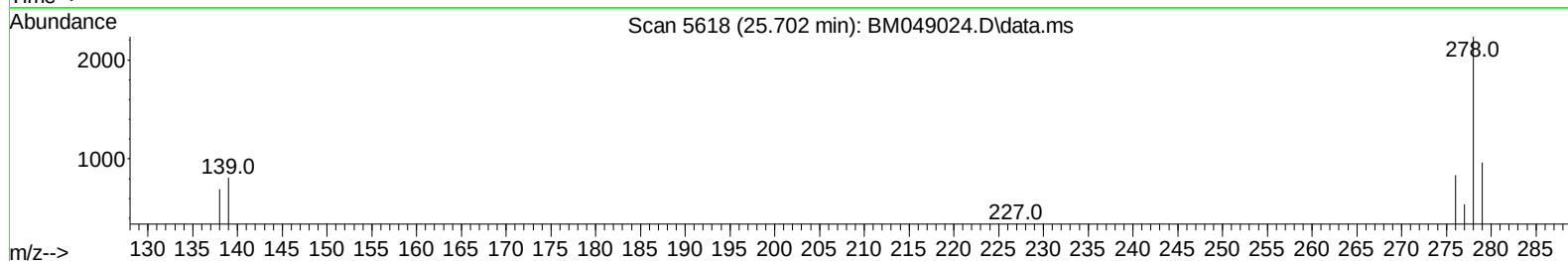
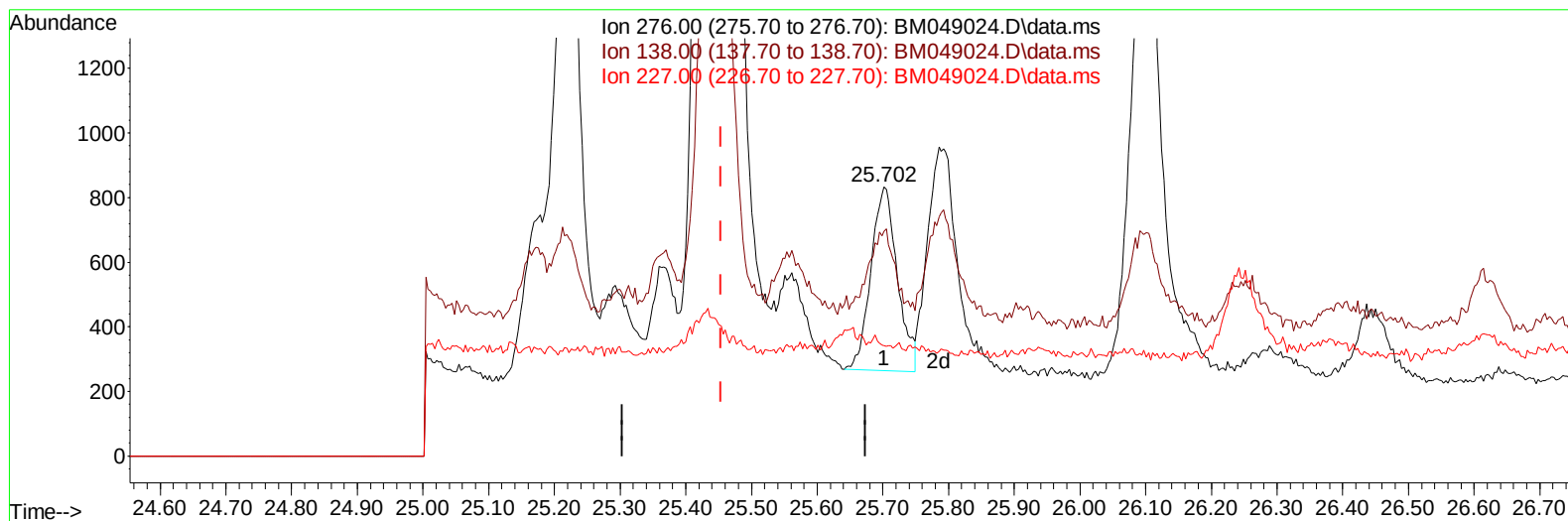
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

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

25.702min (+ 0.248) 0.02 ng/u1

response 1588

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.60	47.10#
227.00	0.20	2.83#
0.00	0.00	0.00

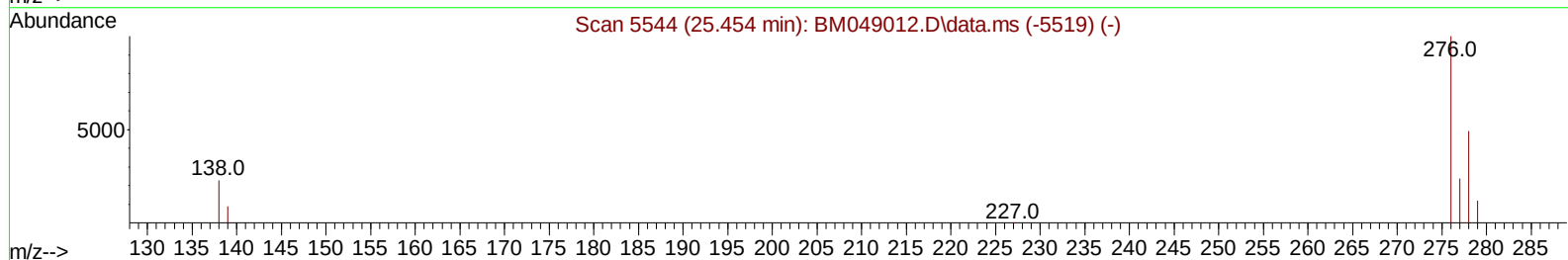
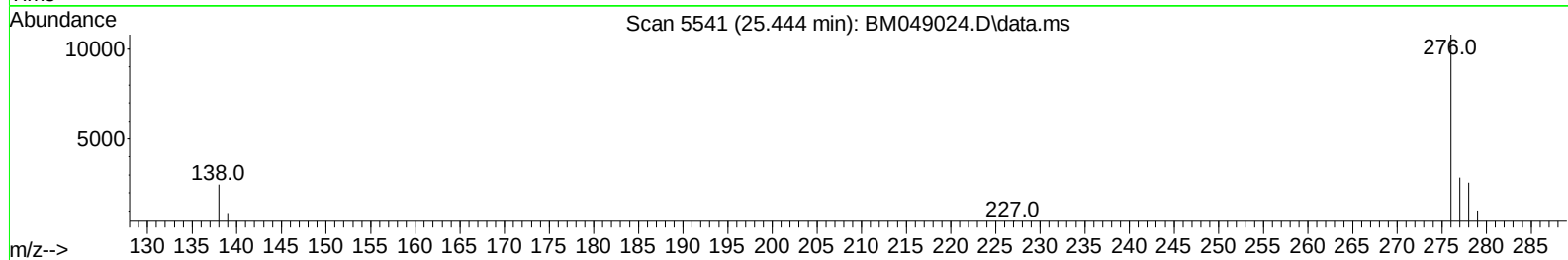
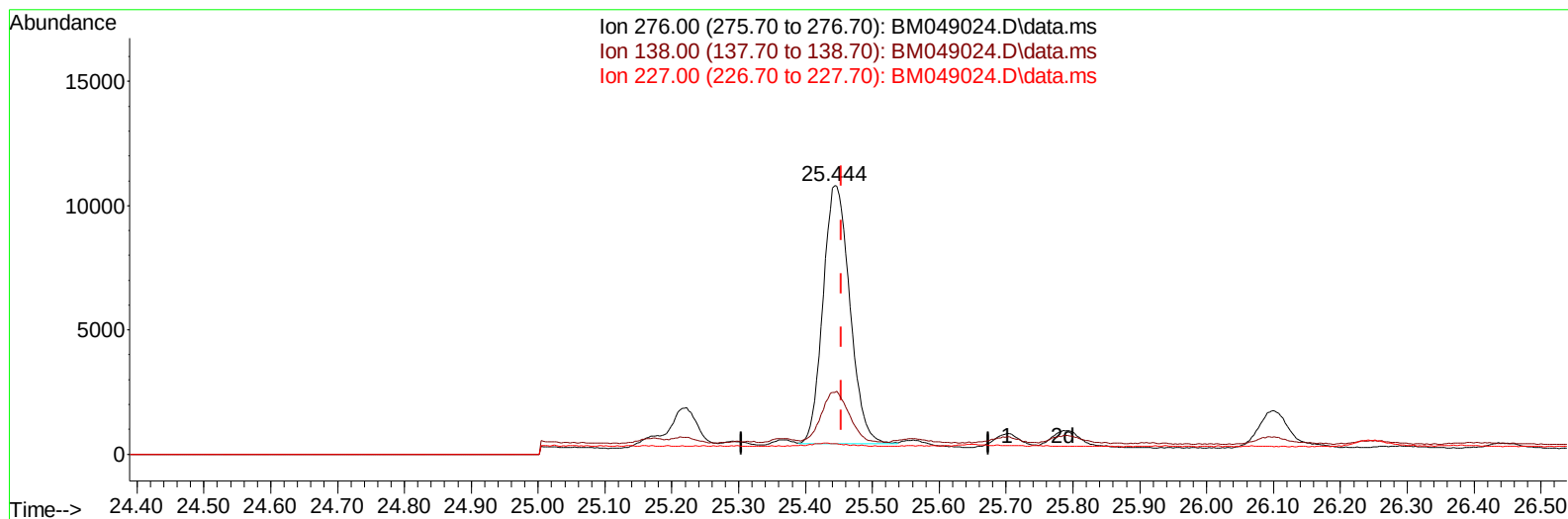
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

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

25.444min (-0.010) 0.33 ng/ul m

response 29035

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.60	2.58#
227.00	0.20	0.15#
0.00	0.00	0.00

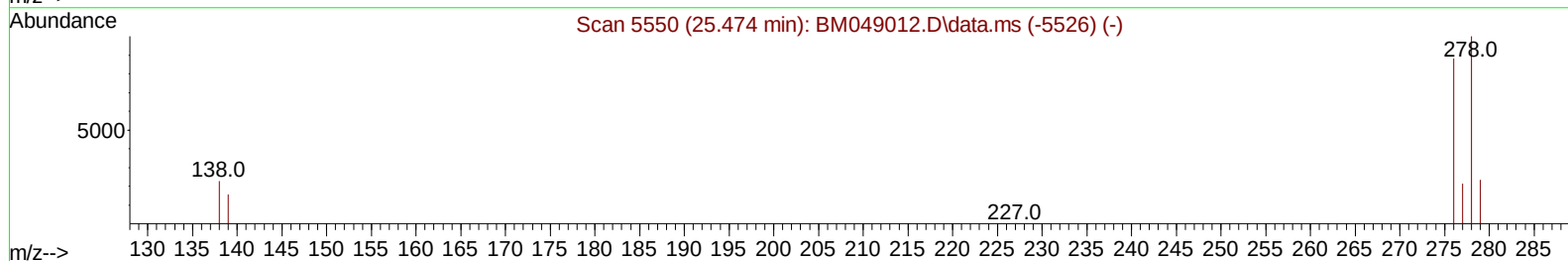
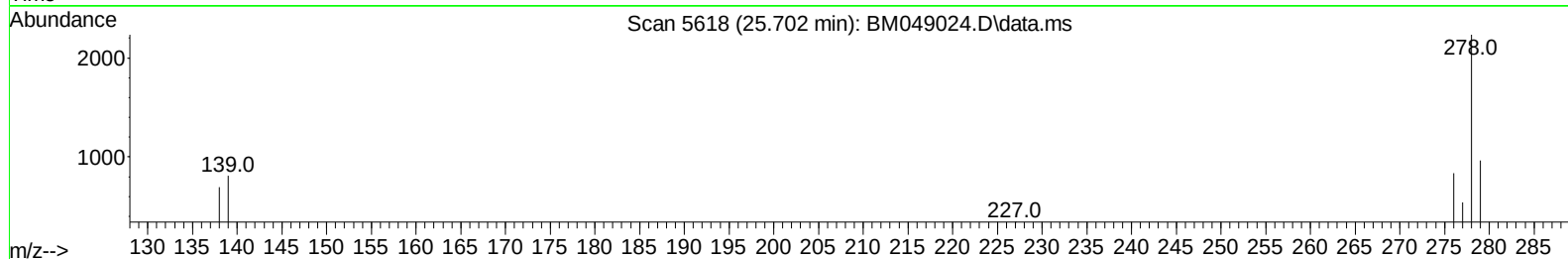
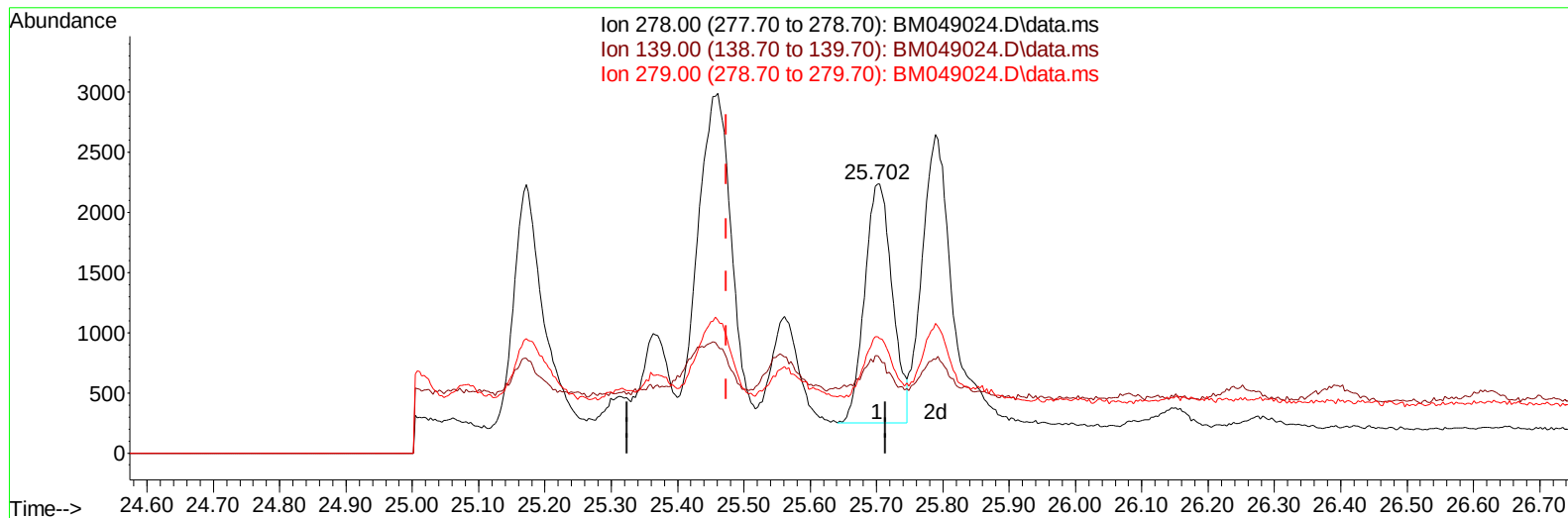
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(28) Dibenzo(a,h)anthracene

25.702min (+ 0.228) 0.08 ng/u1

response 5713

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.70	36.24#
279.00	26.40	43.22#
0.00	0.00	0.00

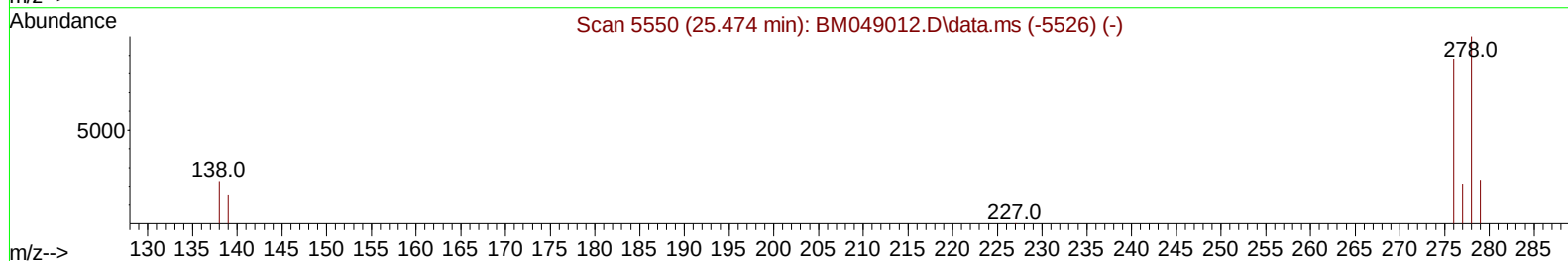
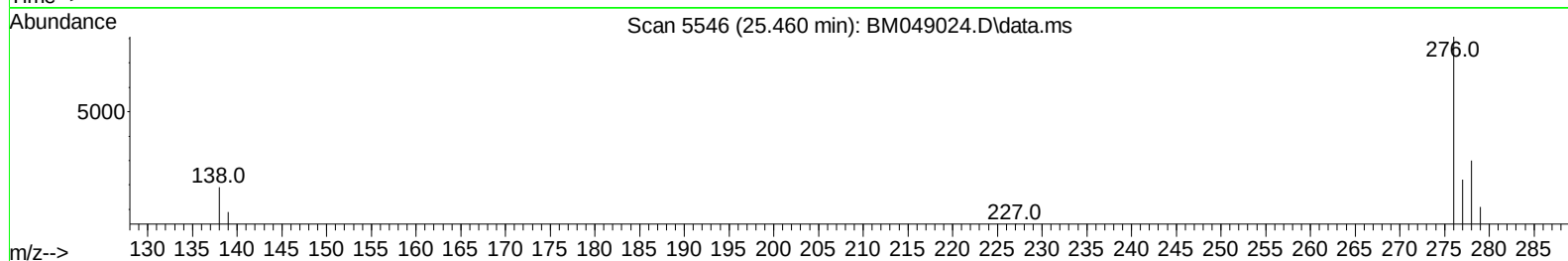
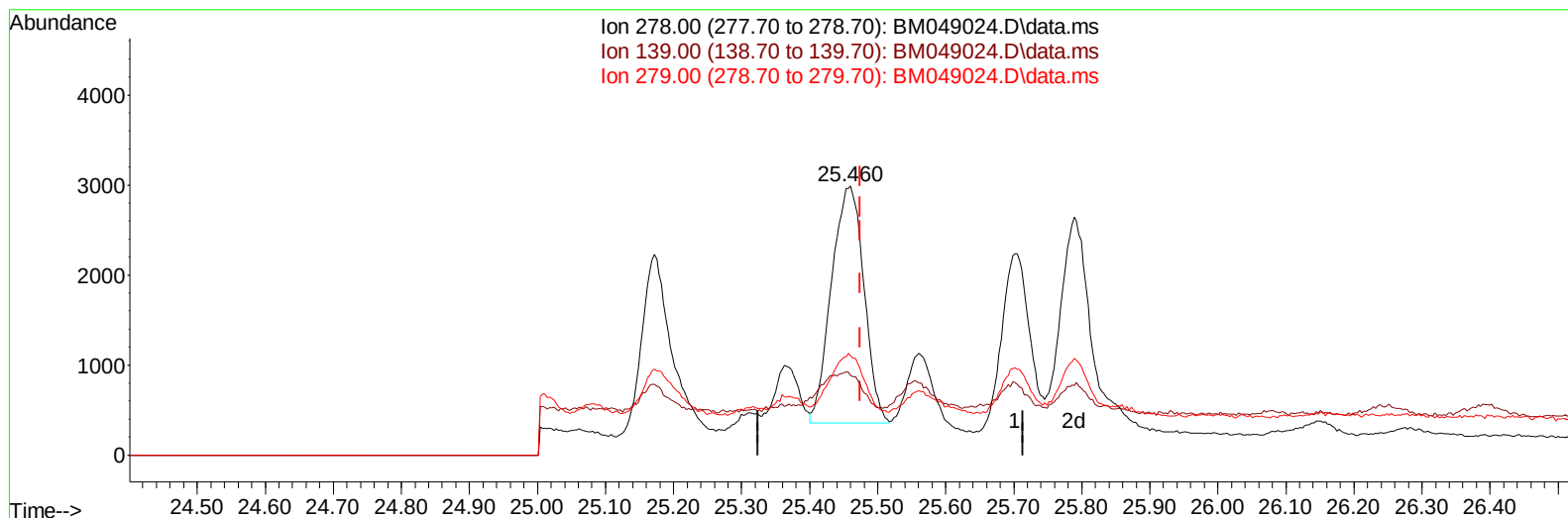
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

(28) Dibenzo(a,h)anthracene

25.460min (-0.014) 0.13 ng/ul m

response 8728

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.70	29.69#
279.00	26.40	36.95#
0.00	0.00	0.00

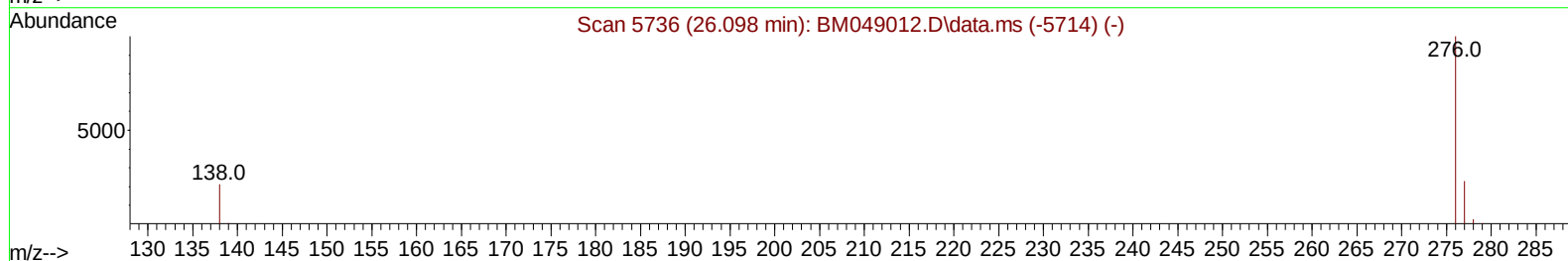
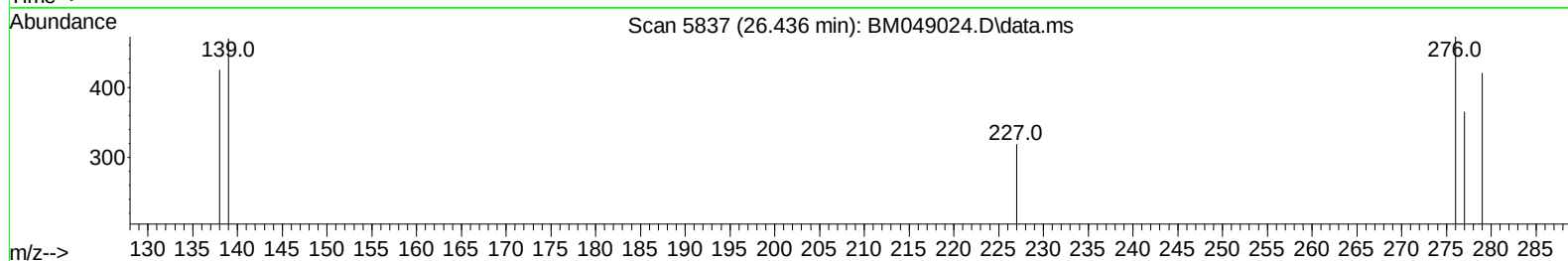
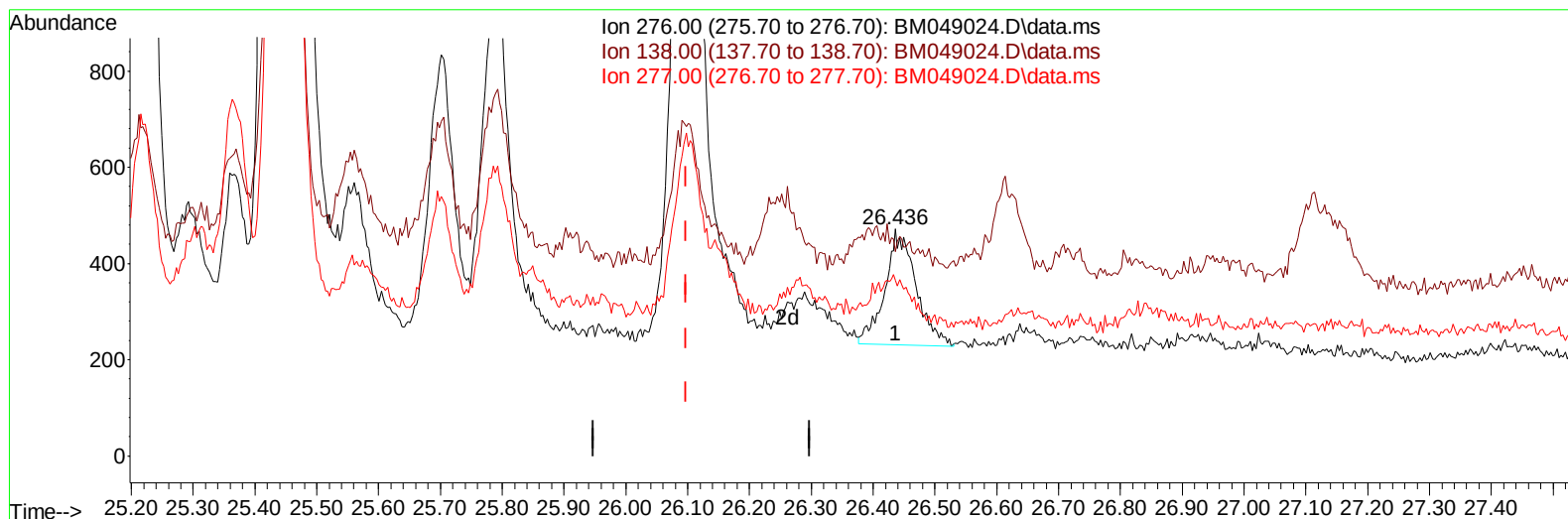
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049024.D
Acq On : 17 Dec 2024 16:26
Operator : RC/JU
Sample : P5155-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28T8

Manual IntegrationsAPPROVED

Quant Time: Dec 17 17:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

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



TIC: BM049024.D\data.ms

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

26.436min (+ 0.338) 0.01 ng/u1

response 830

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	90.04#
277.00	24.50	77.33#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
 Data File : BM049024.D
 Acq On : 17 Dec 2024 16:26
 Operator : RC/JU
 Sample : P5155-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28T8

Manual IntegrationsAPPROVED

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

Quant Time: Dec 17 17:04:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 17 10:03:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	8552	0.400	ng/ul	0.00
4) Naphthalene-d8	10.332	136	24617	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.201	164	12851	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	26297m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	20621m	0.400	ng/ul	0.00
23) Perylene-d12	23.306	264	19428m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	34588	3.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.932	152	7028	0.224	ng/ul	0.00
18) Fluoranthene-d10	18.984	212	11990m	0.195	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.381	128	7562	0.120	ng/ul	97
7) 2-Methylnaphthalene	12.003	142	3652	0.095	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	2057	0.052	ng/ul	95
10) Acenaphthylene	13.919	152	1949	0.036	ng/ul#	83
11) Acenaphthene	14.266	153	1176	0.029	ng/ul	97
12) Fluorene	15.256	166	1765	0.039	ng/ul#	89
15) Phenanthrene	16.994	178	36466m	0.506	ng/ul	
16) Anthracene	17.082	178	7835m	0.122	ng/ul	
19) Fluoranthene	19.012	202	75058m	0.878	ng/ul	
20) Pyrene	19.379	202	57526m	0.624	ng/ul	
21) Benzo(a)anthracene	21.131	228	35670m	0.492	ng/ul	
22) Chrysene	21.181	228	45299m	0.552	ng/ul	
24) Benzo(b)fluoranthene	22.662	252	62760m	0.935	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	24876m	0.320	ng/ul	
26) Benzo(a)pyrene	23.212	252	27266m	0.439	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.444	276	29035m	0.333	ng/ul	
28) Dibenzo(a,h)anthracene	25.460	278	8728m	0.129	ng/ul	
29) Benzo(g,h,i)perylene	26.101	276	5243m	0.075	ng/ul	

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

