

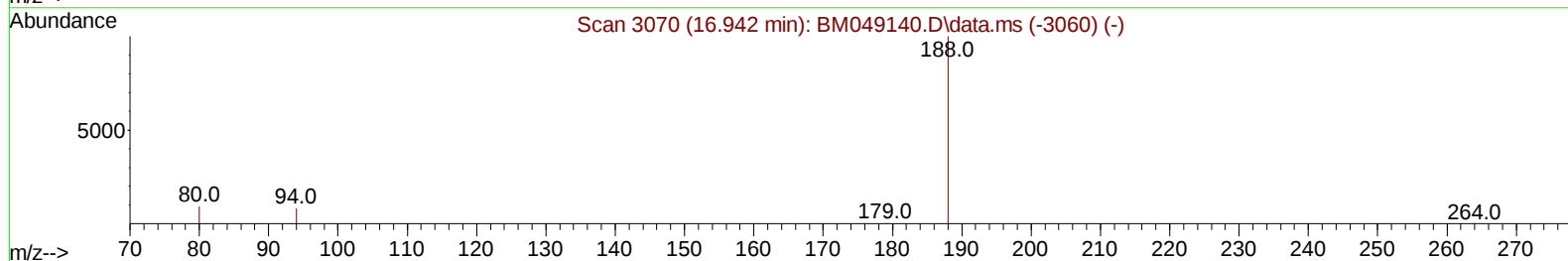
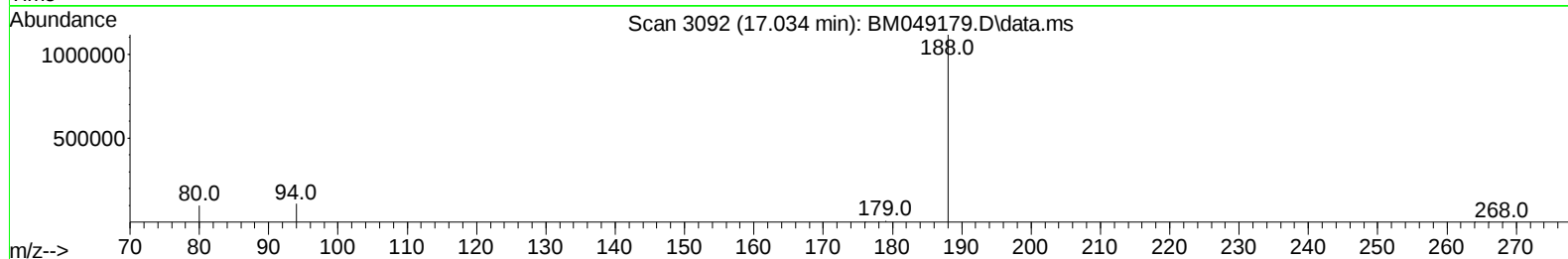
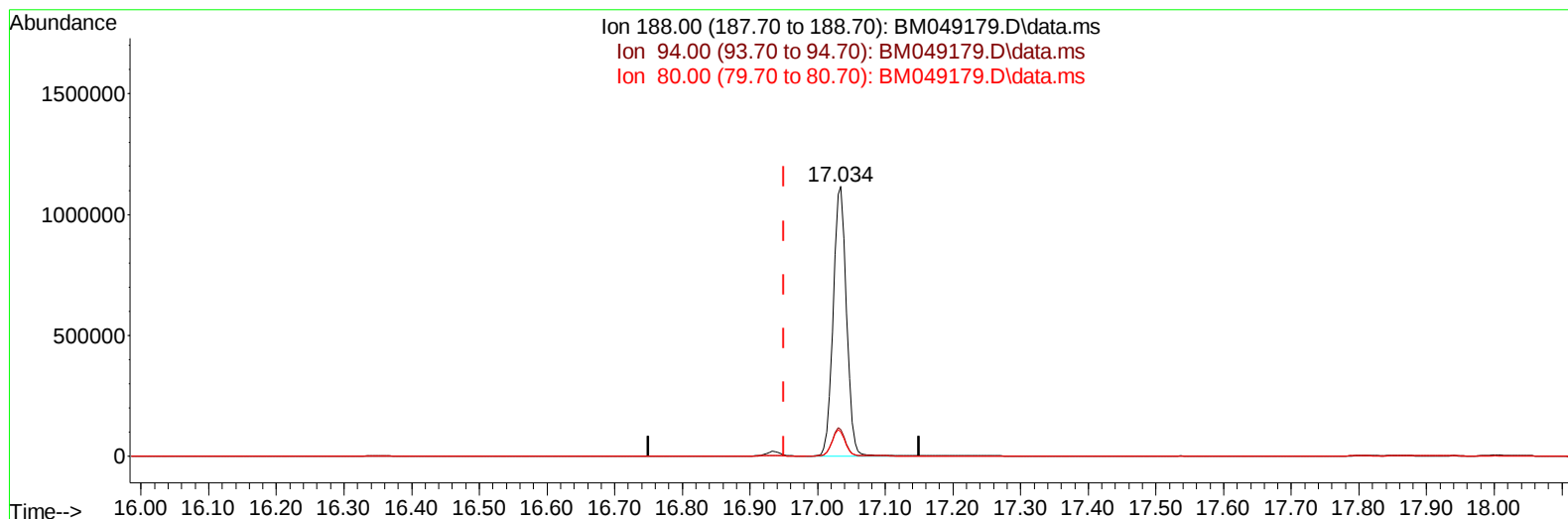
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(13) Phenanthrene-d10 (I)

17.034min (+ 0.084) 0.40 ng/u1

response 1517913

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.78
80.00	10.70	8.92
0.00	0.00	0.00

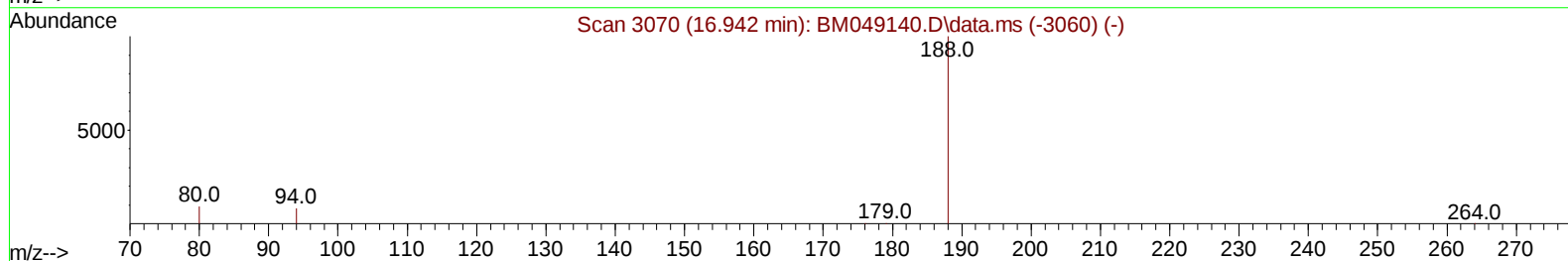
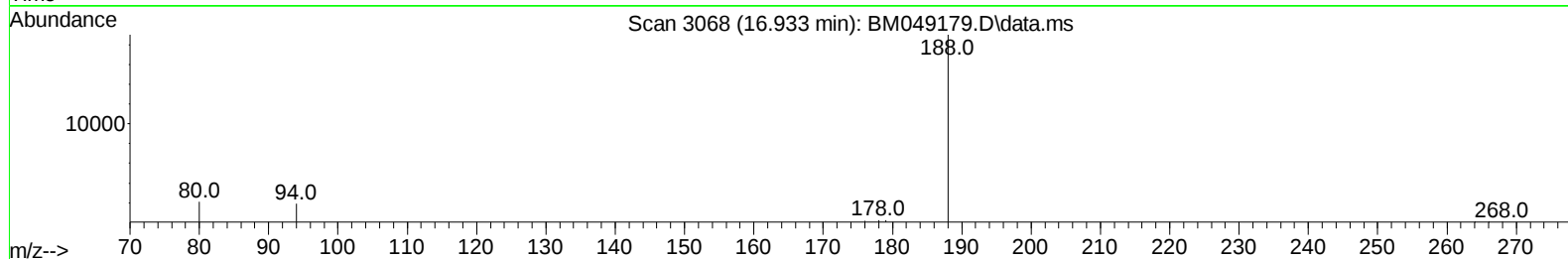
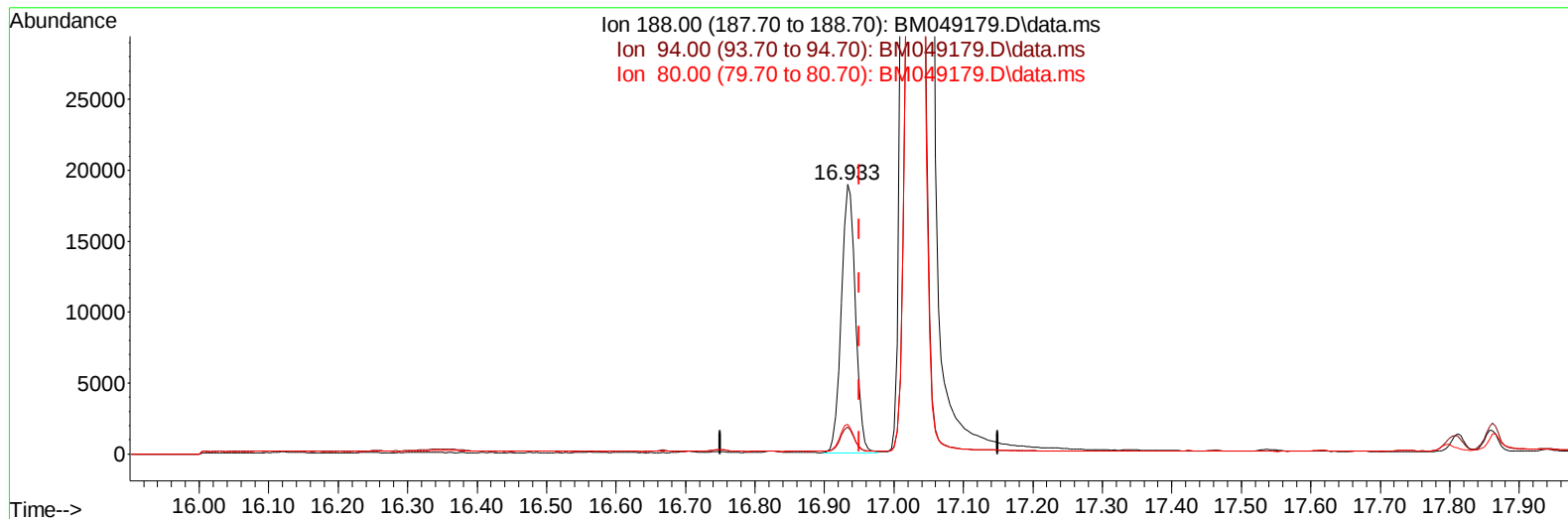
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(13) Phenanthrene-d10 (I)

16.933min (-0.017) 0.40 ng/ul m

response 26620

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.94
80.00	10.70	10.99
0.00	0.00	0.00

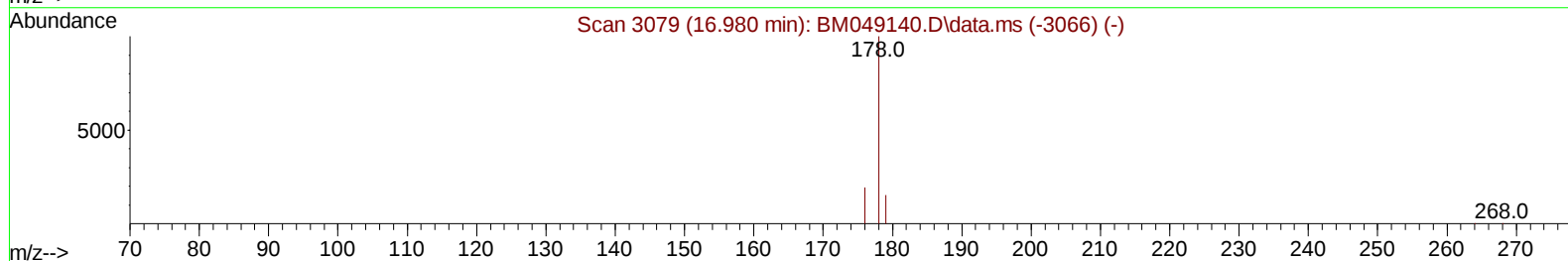
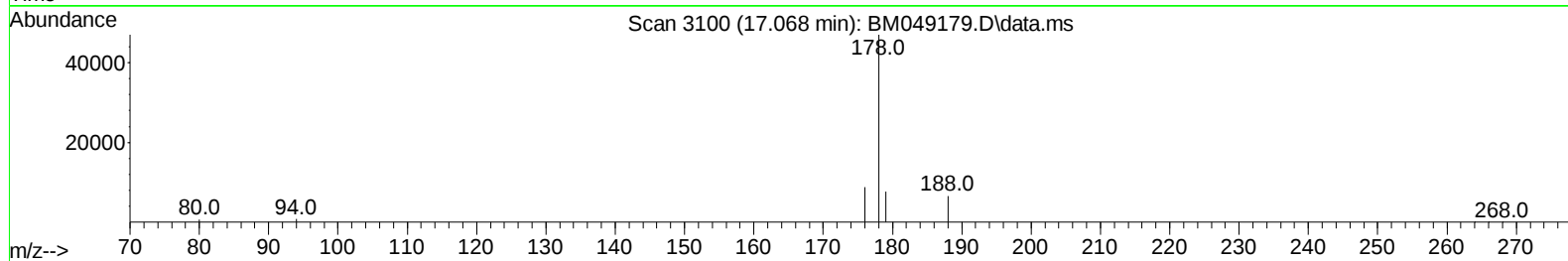
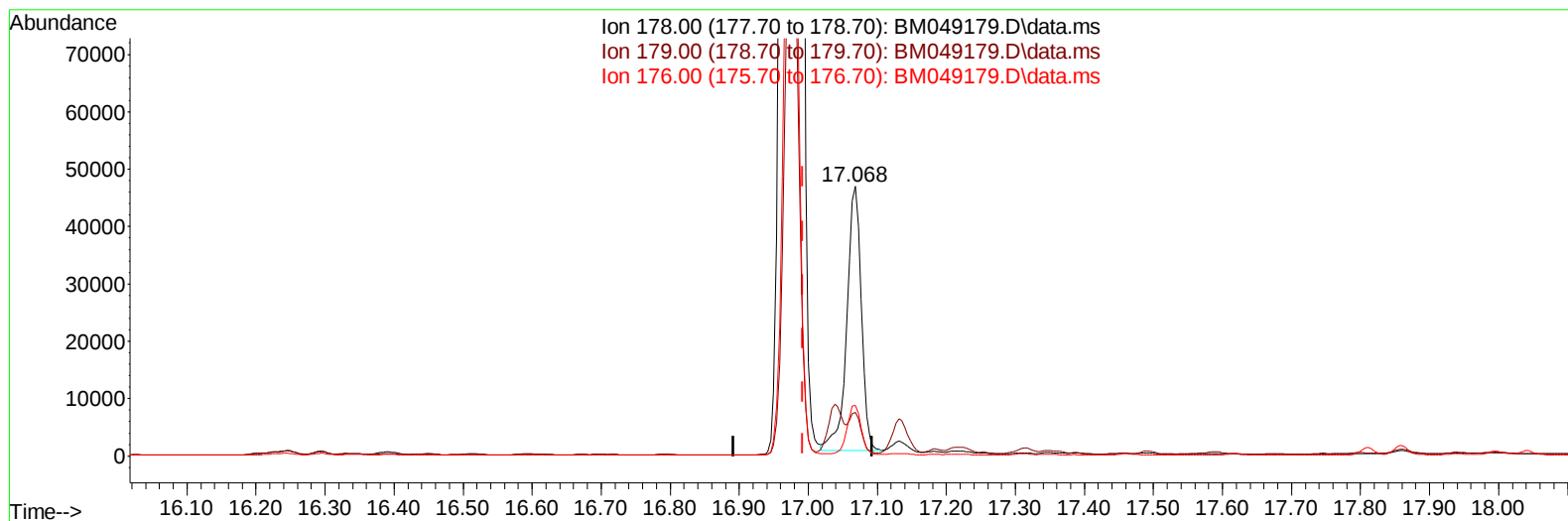
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(15) Phenanthrene

17.068min (+ 0.076) 0.96 ng/u1

response 66966

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.28
176.00	20.20	18.83
0.00	0.00	0.00

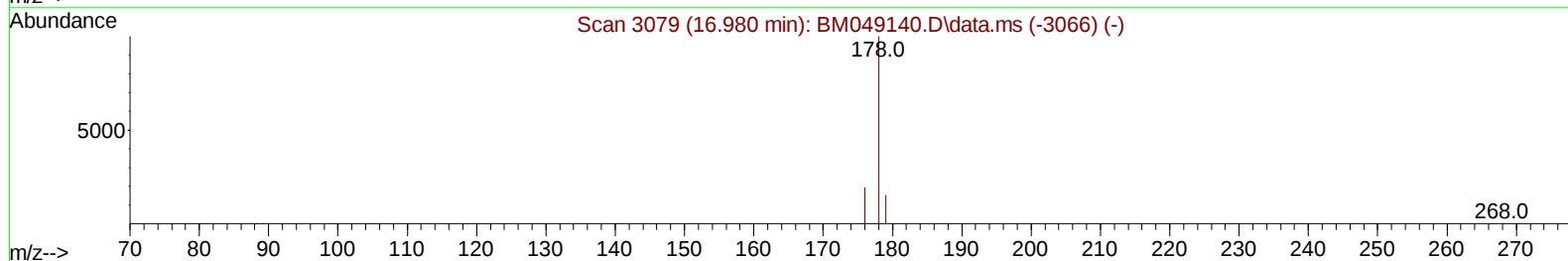
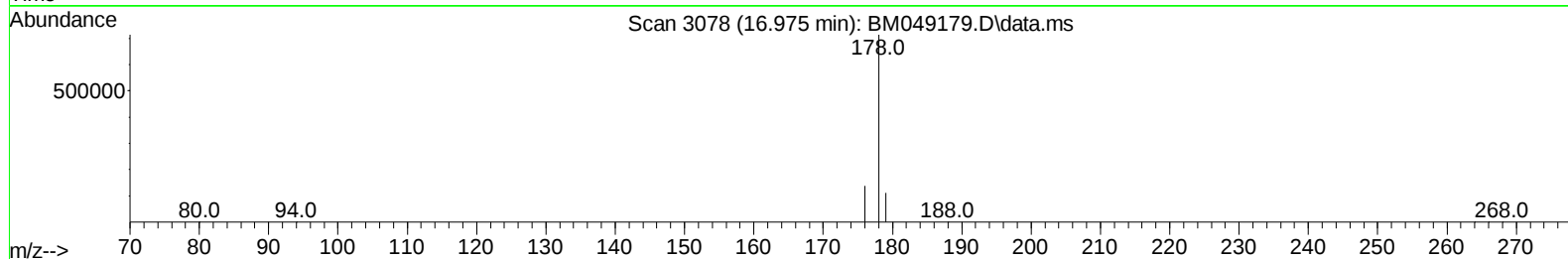
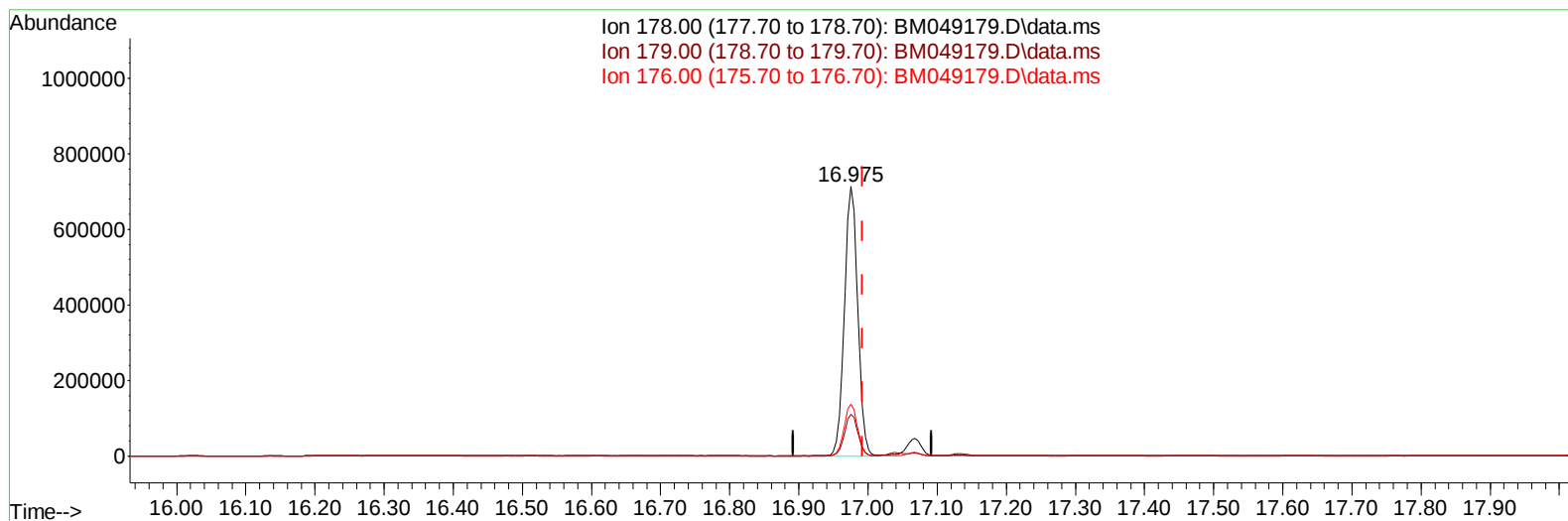
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(15) Phenanthrene

16.975min (-0.017) 13.70 ng/ul m

response 952257

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.53
176.00	20.20	19.32
0.00	0.00	0.00

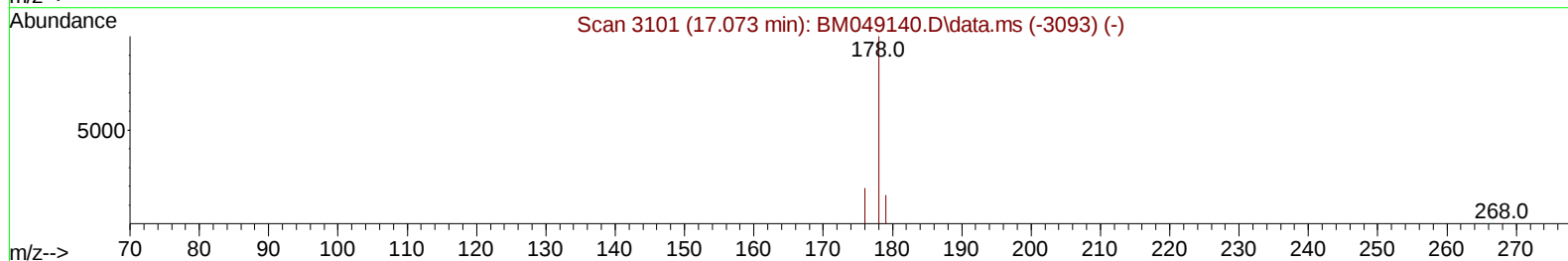
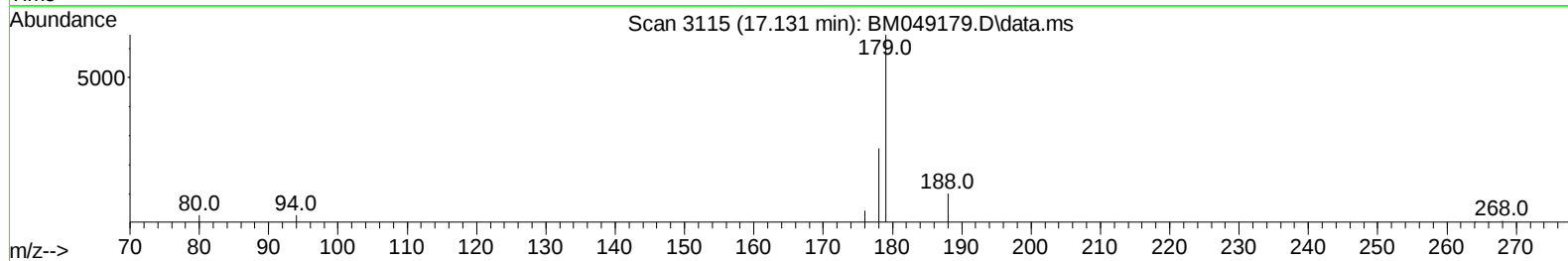
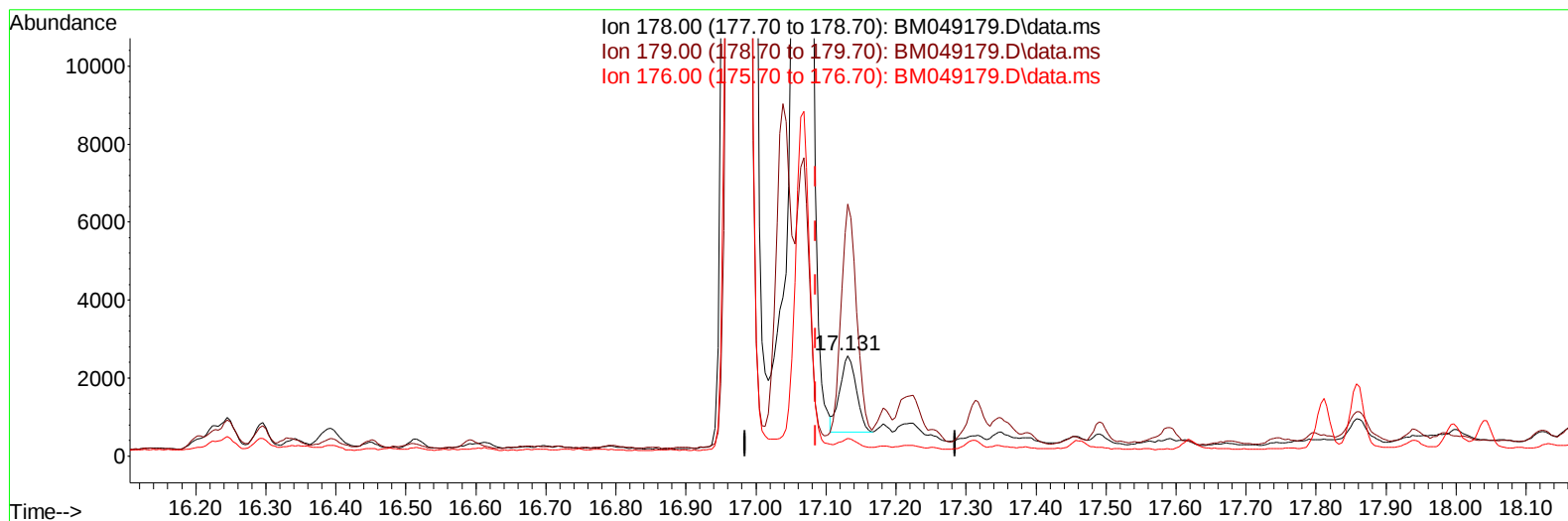
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(16) Anthracene

17.131min (+ 0.046) 0.05 ng/u1

response 3205

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	251.15#
176.00	19.10	17.17
0.00	0.00	0.00

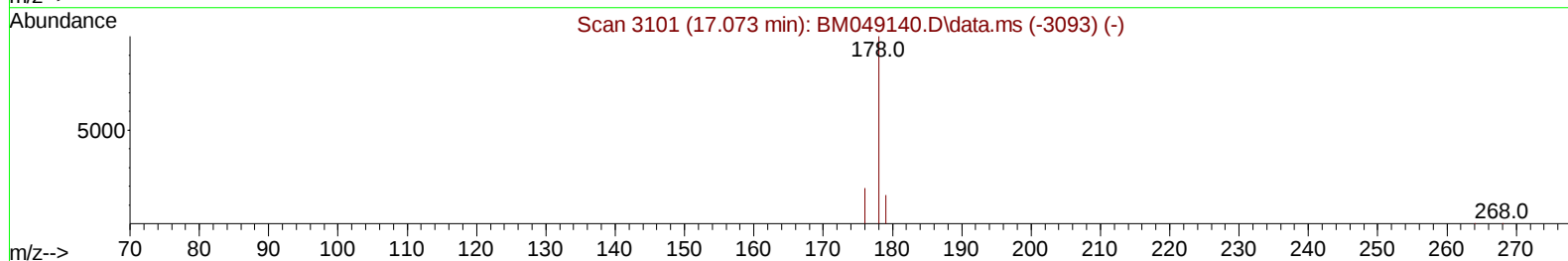
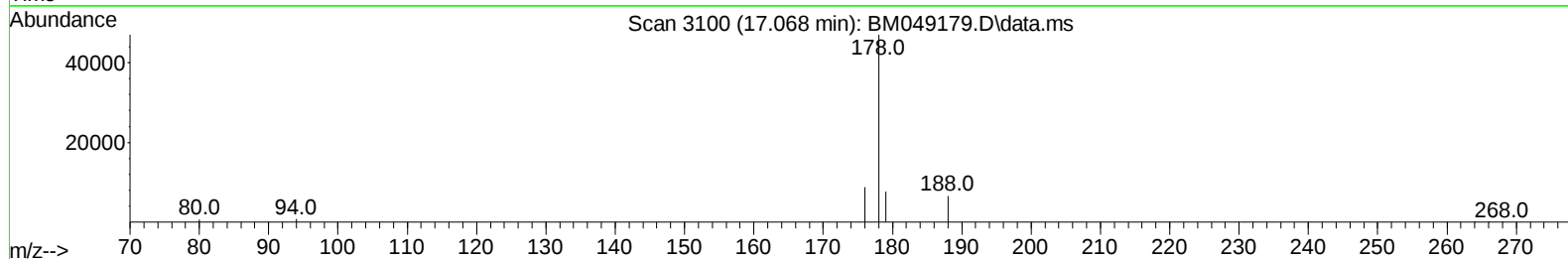
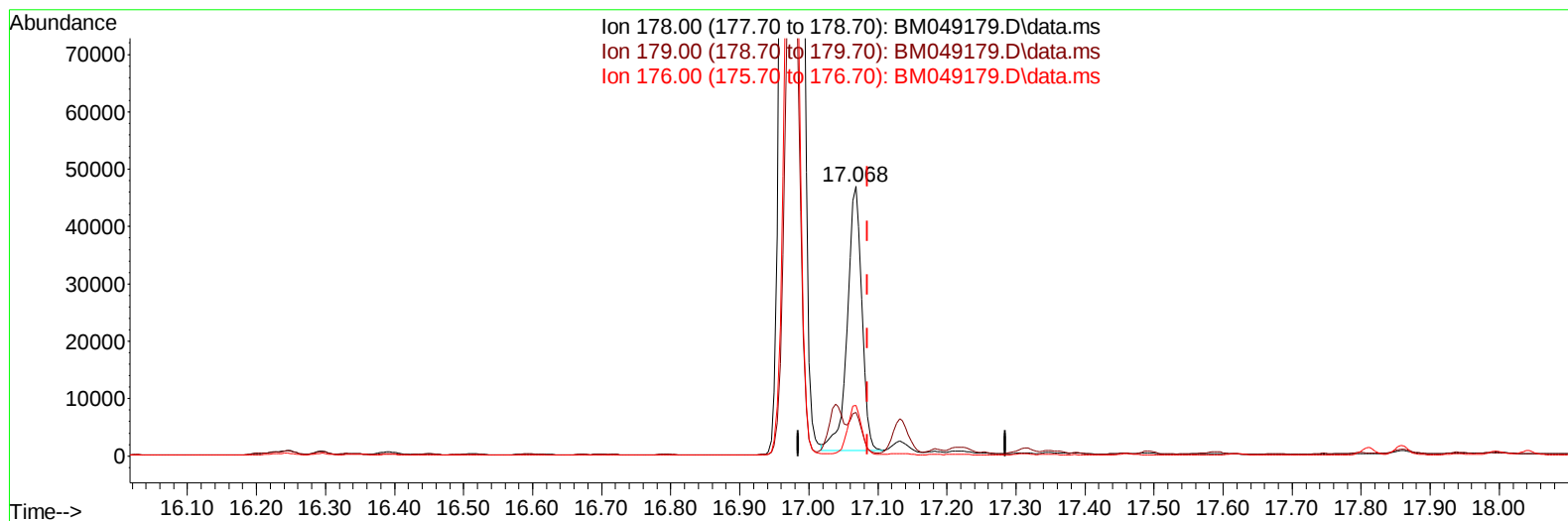
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(16) Anthracene

17.068min (-0.017) 1.06 ng/ul m

response 67472

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	16.28
176.00	19.10	18.83
0.00	0.00	0.00

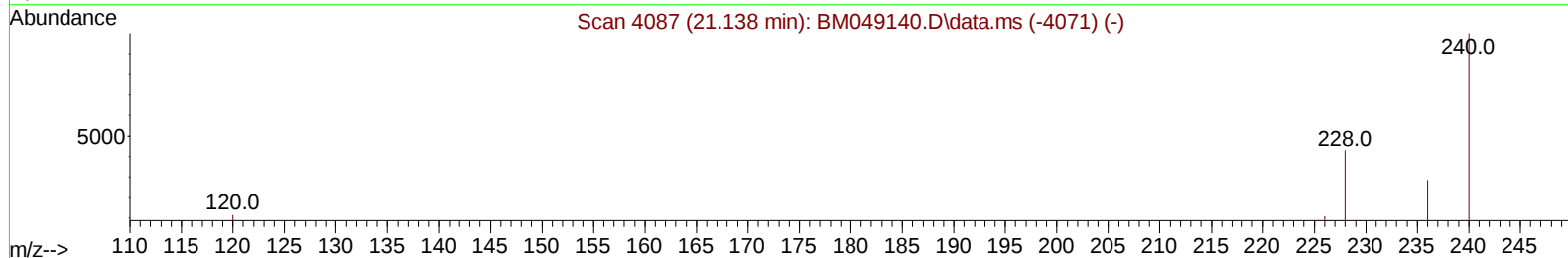
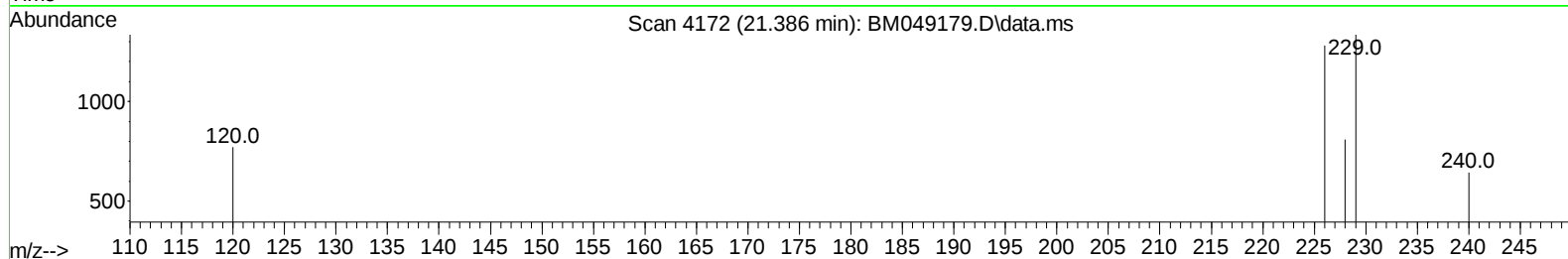
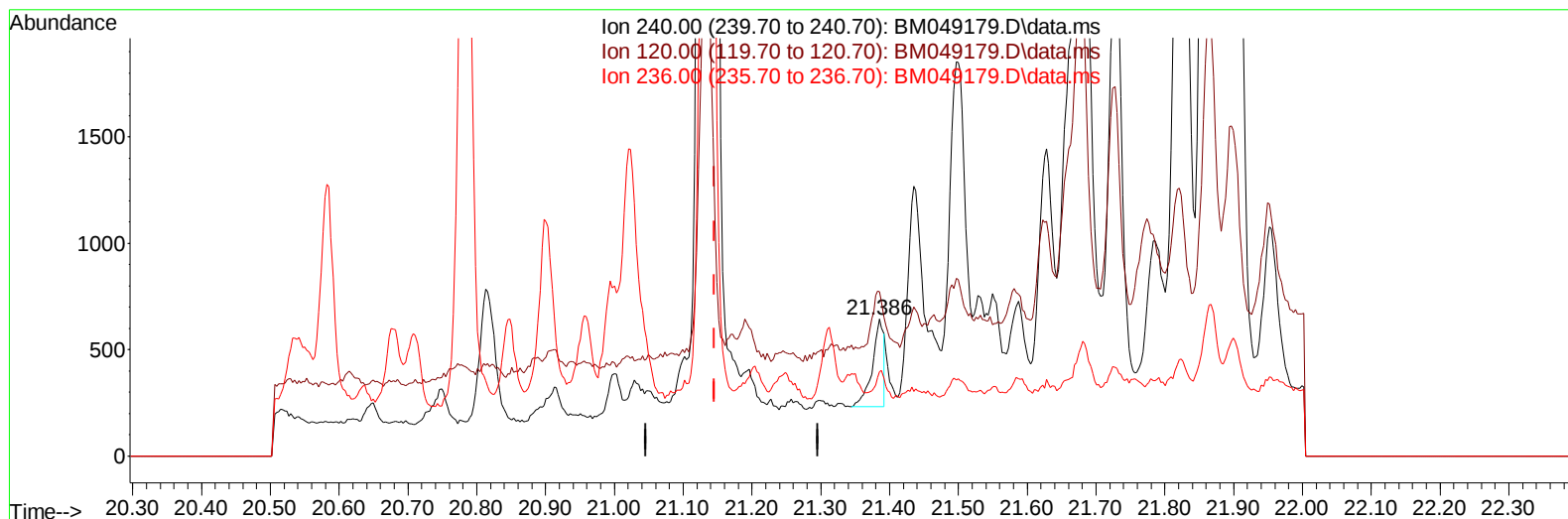
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(17) Chrysene-d12

21.386min (+ 0.239) 0.40 ng/u1

response 467

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	119.91#
236.00	29.80	61.43#
0.00	0.00	0.00

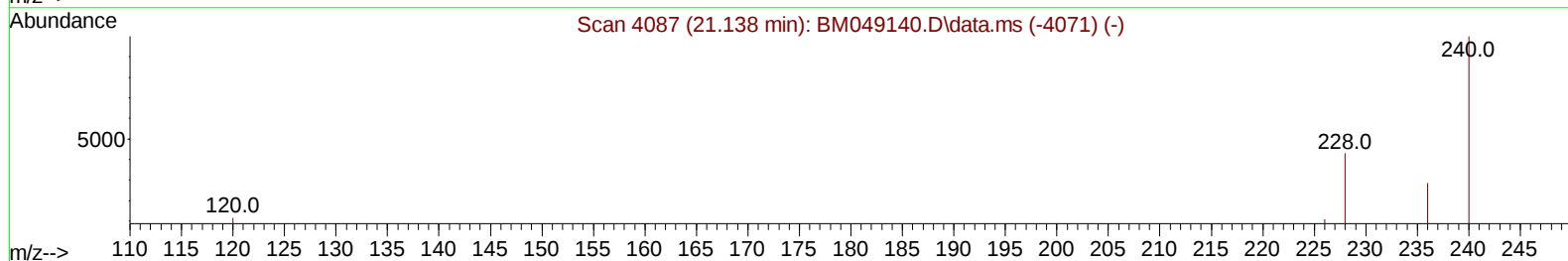
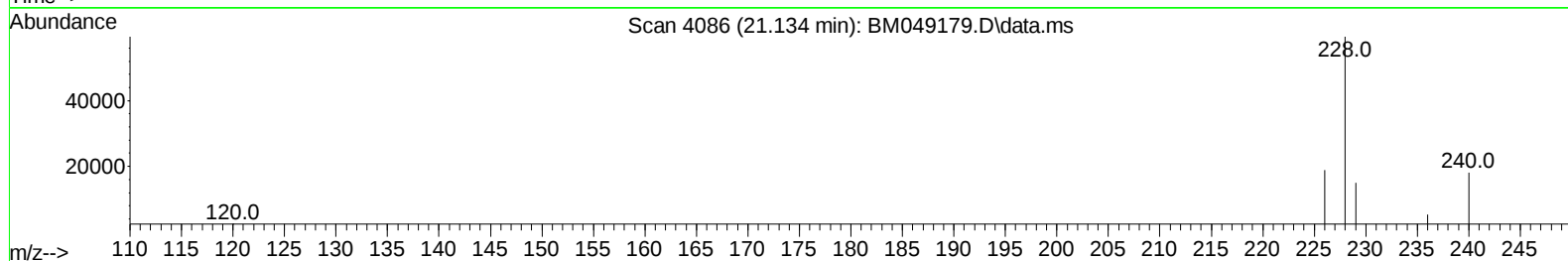
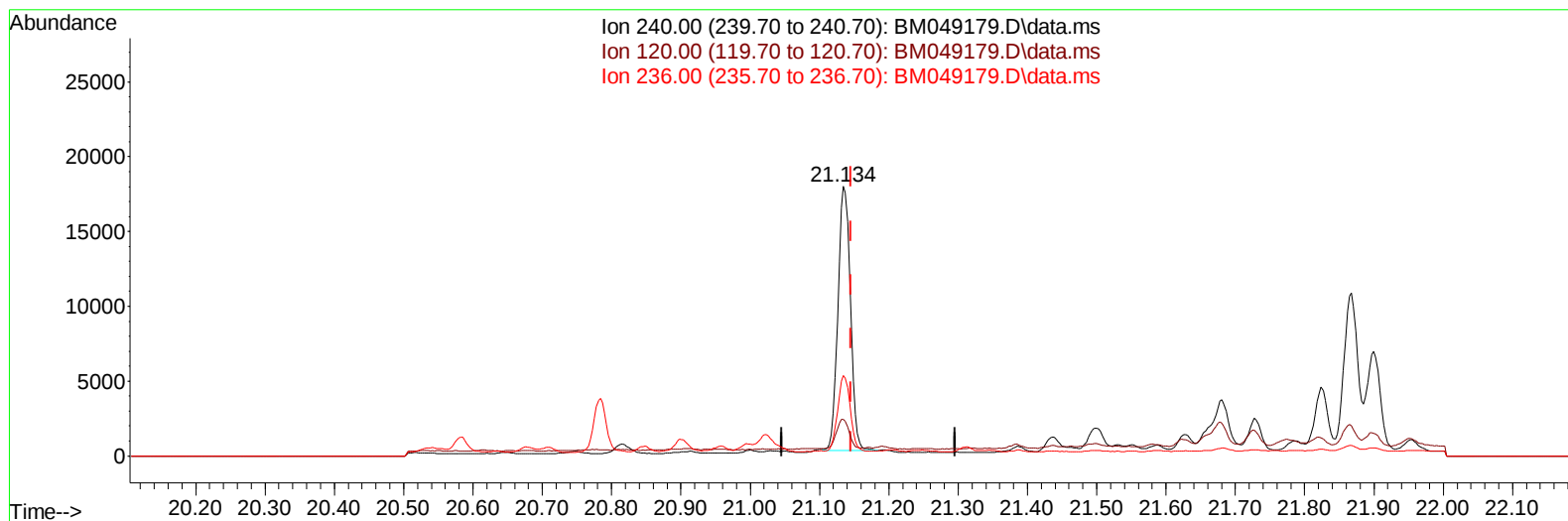
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(17) Chrysene-d12

21.134min (-0.012) 0.40 ng/ul m

response 22162

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	13.54
236.00	29.80	29.96
0.00	0.00	0.00

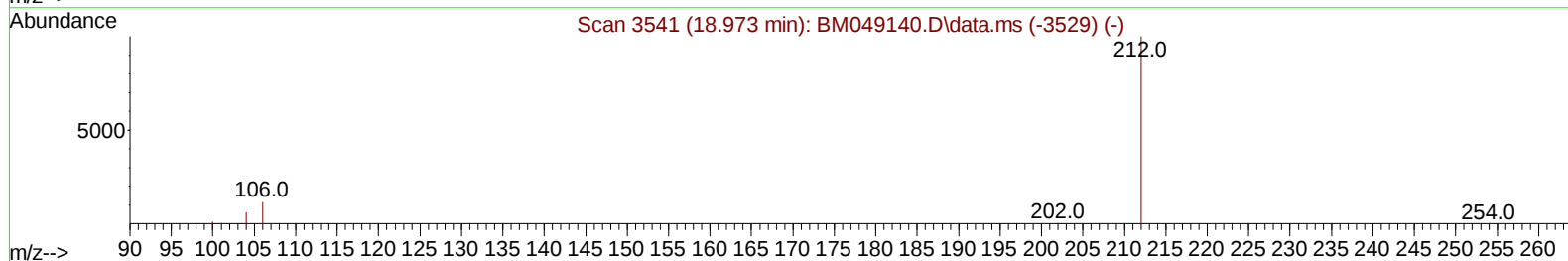
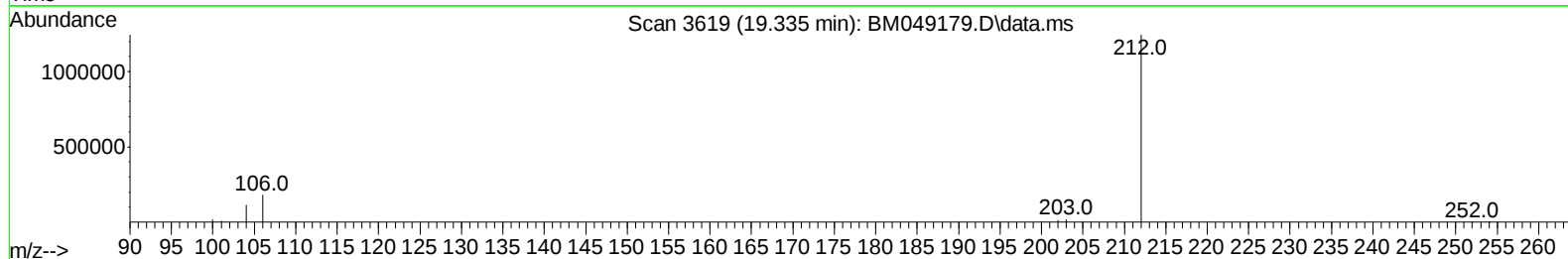
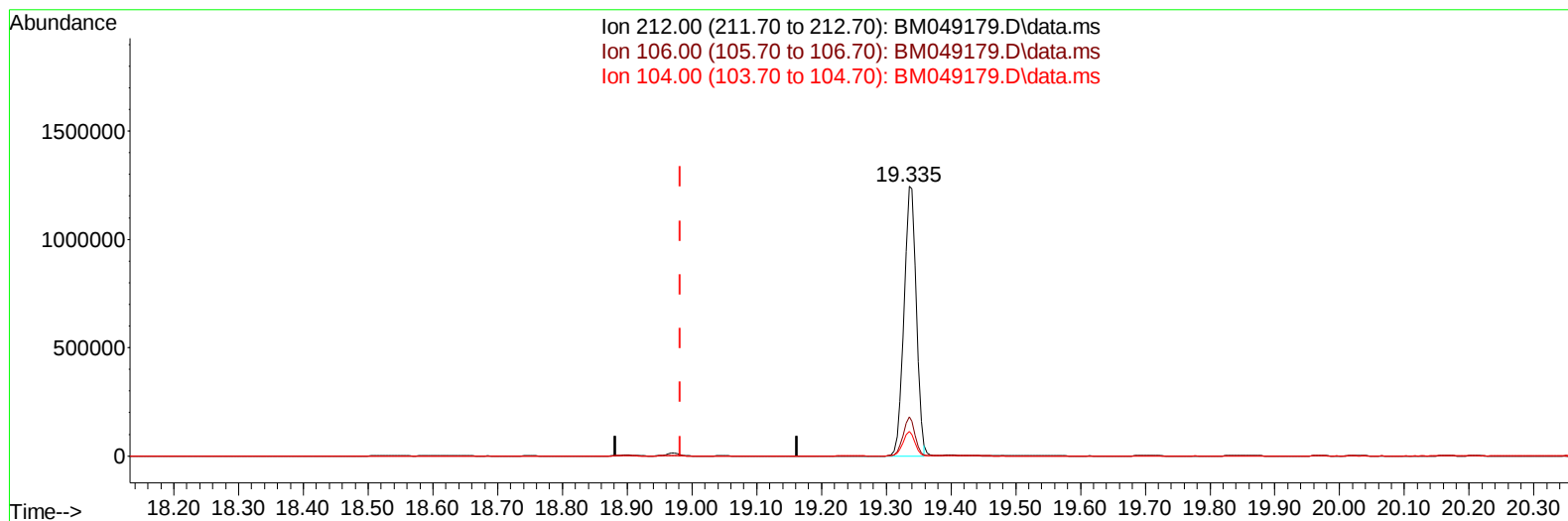
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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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TIC: BM049179.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.335min (+ 0.353) 26.00 ng/u1

response 1634827

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	13.88
104.00	6.50	8.79#
0.00	0.00	0.00

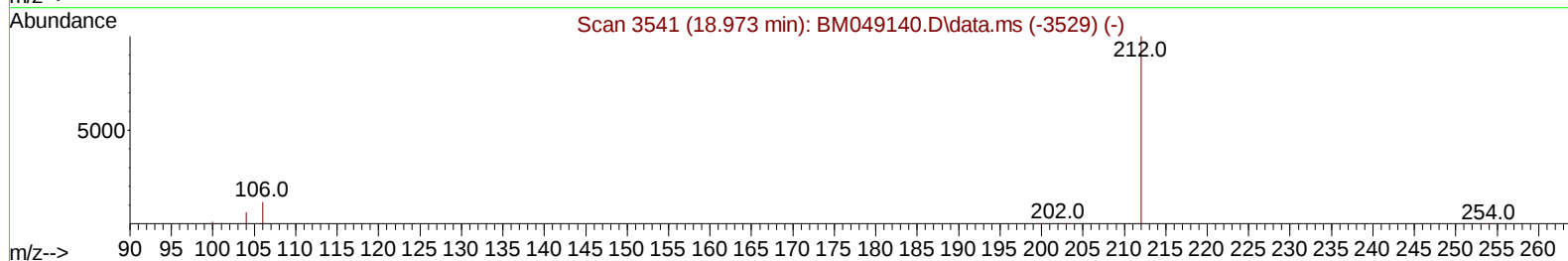
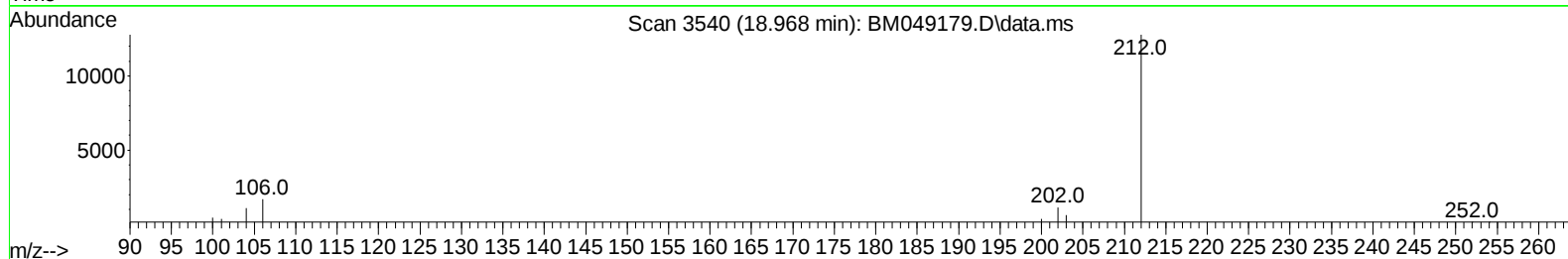
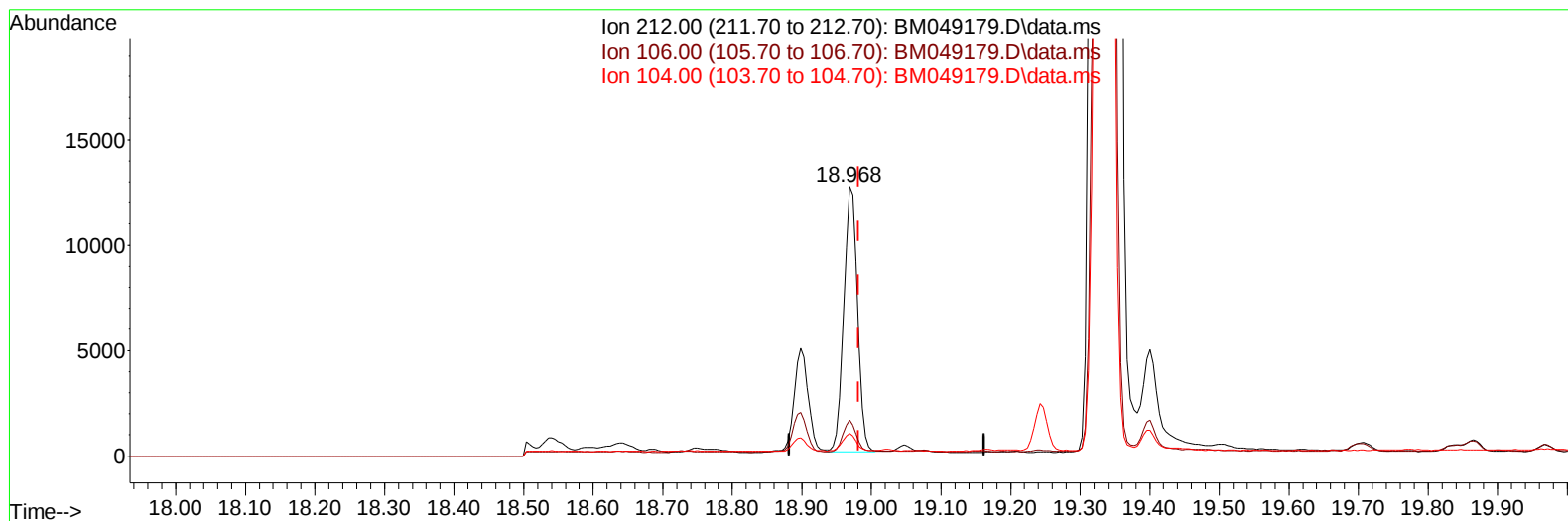
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.968min (-0.014) 0.27 ng/u1 m

response 17013

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	1334.15#
104.00	6.50	844.96#
0.00	0.00	0.00

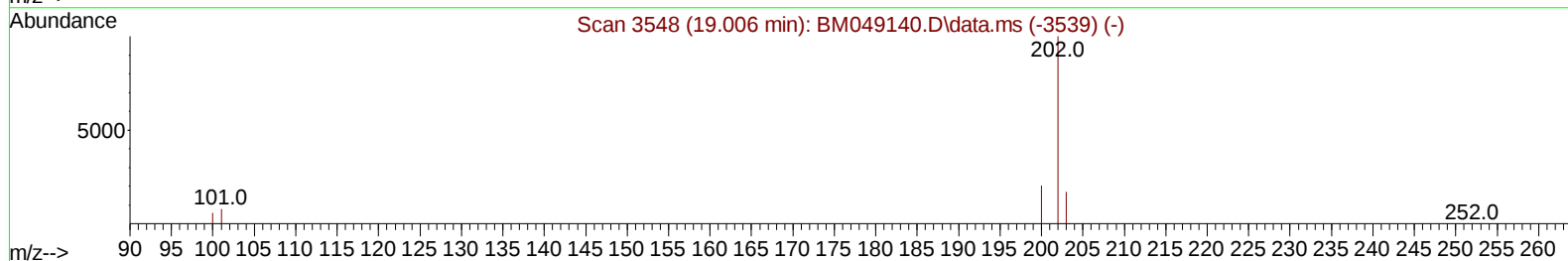
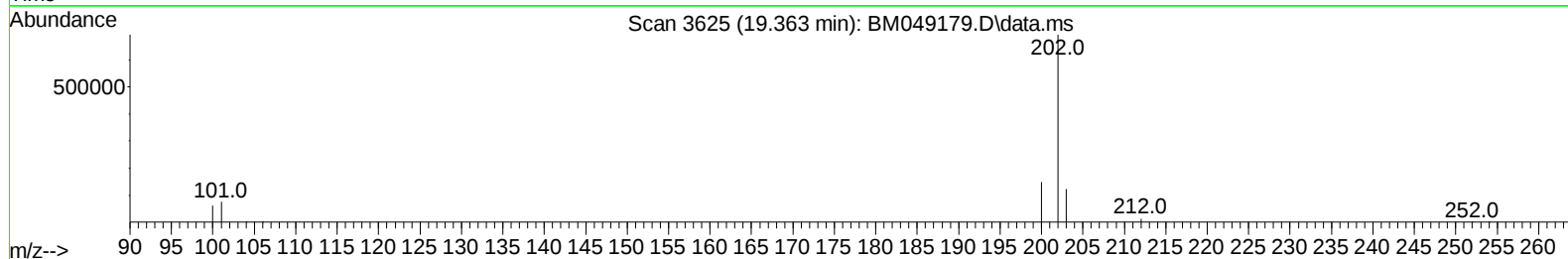
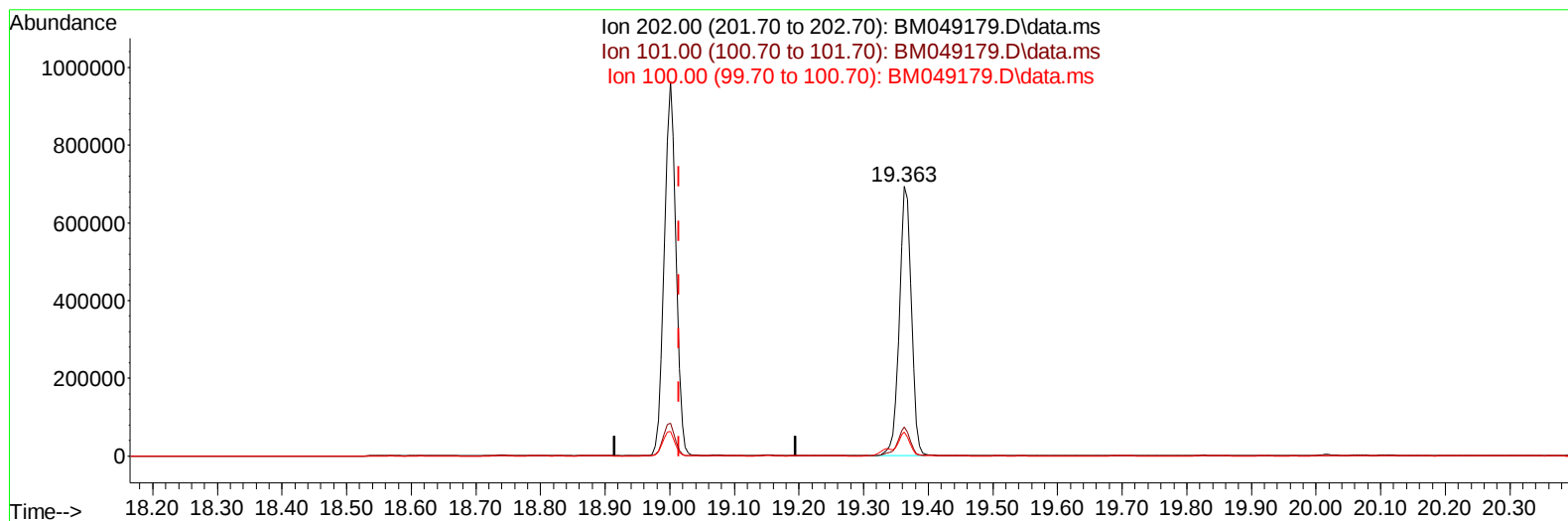
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(19) Fluoranthene (C)

19.363min (+ 0.348) 11.19 ng/u1

response 896712

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	10.84
100.00	6.90	8.84#
0.00	0.00	0.00

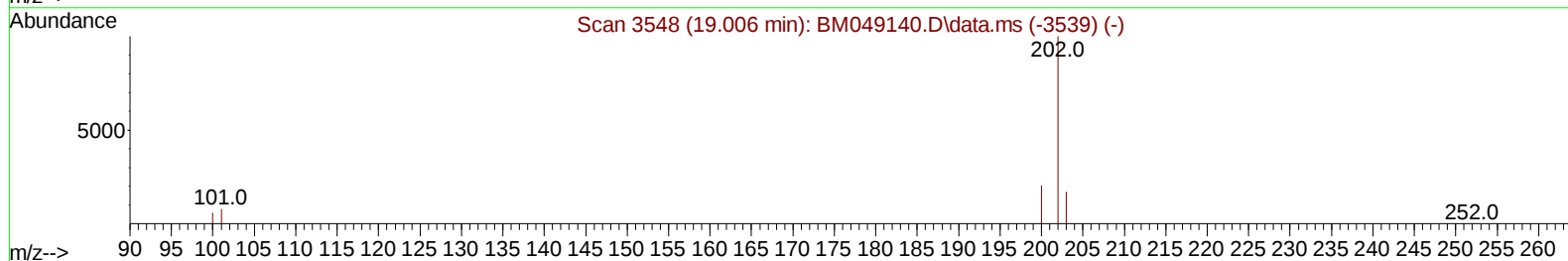
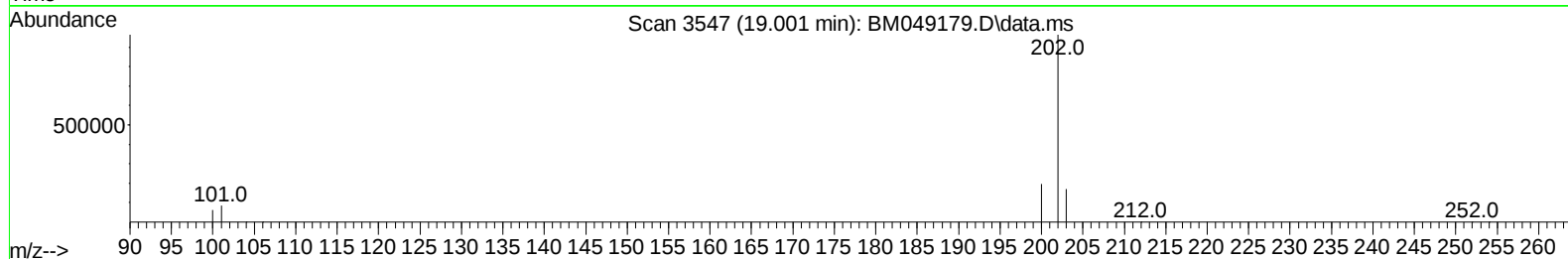
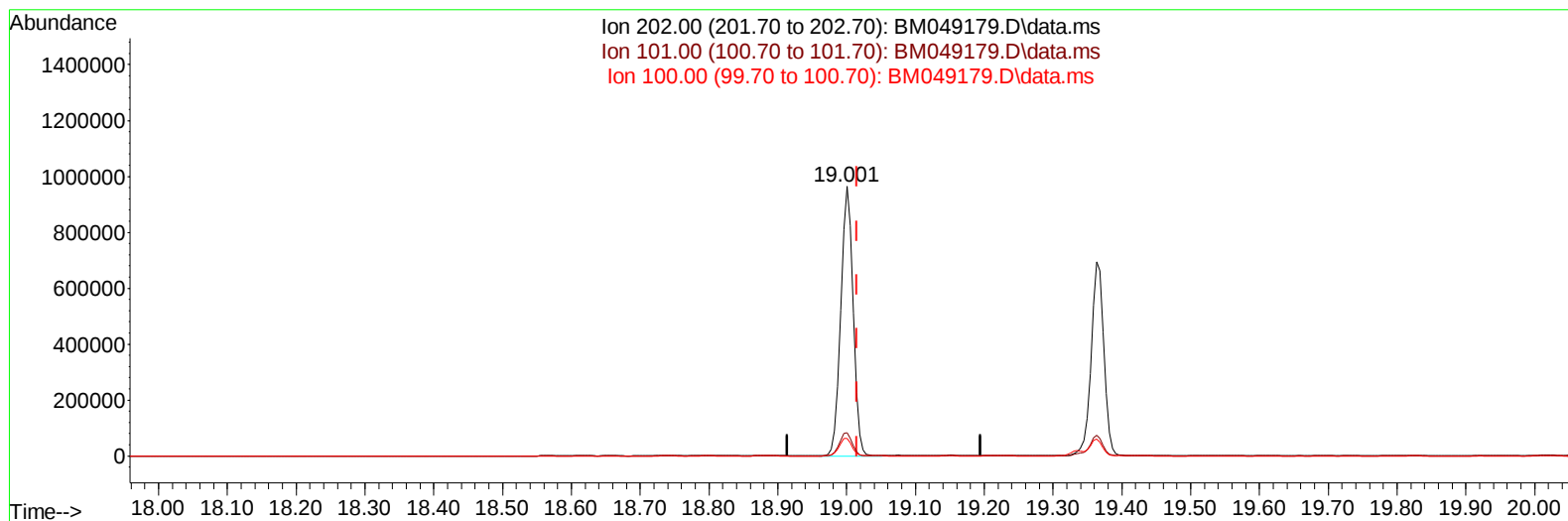
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(19) Fluoranthene (C)

19.001min (-0.014) 15.10 ng/ul m

response 1209947

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	8.71
100.00	6.90	6.51
0.00	0.00	0.00

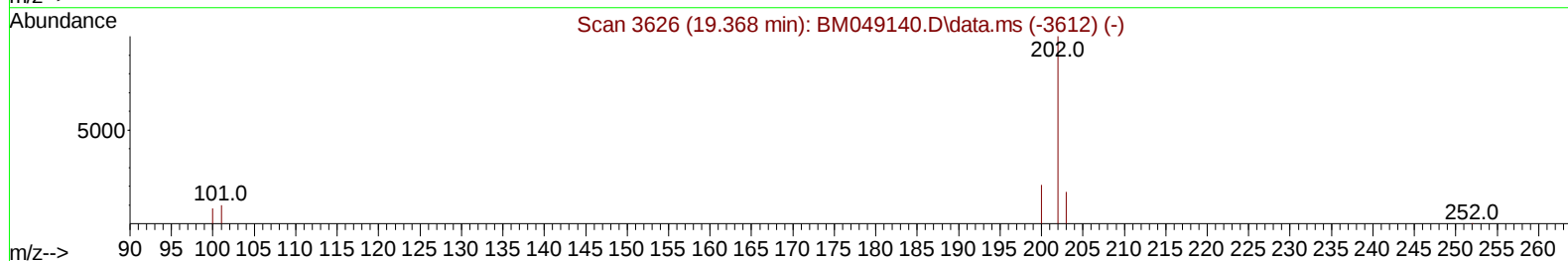
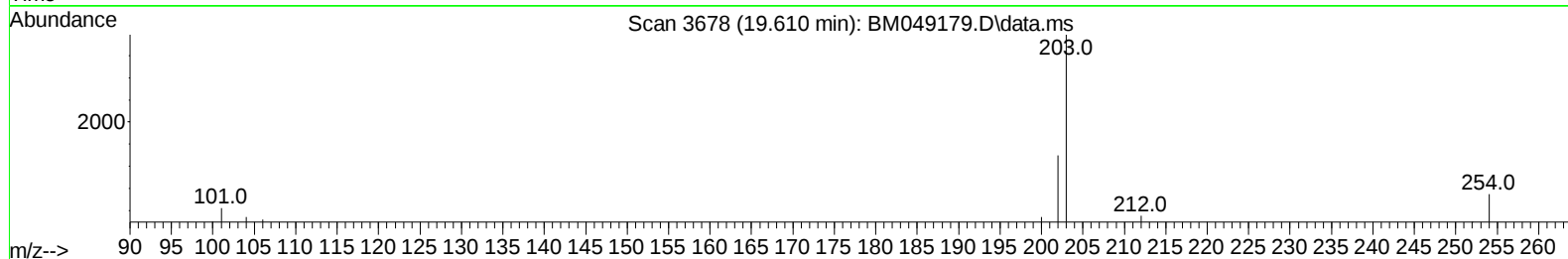
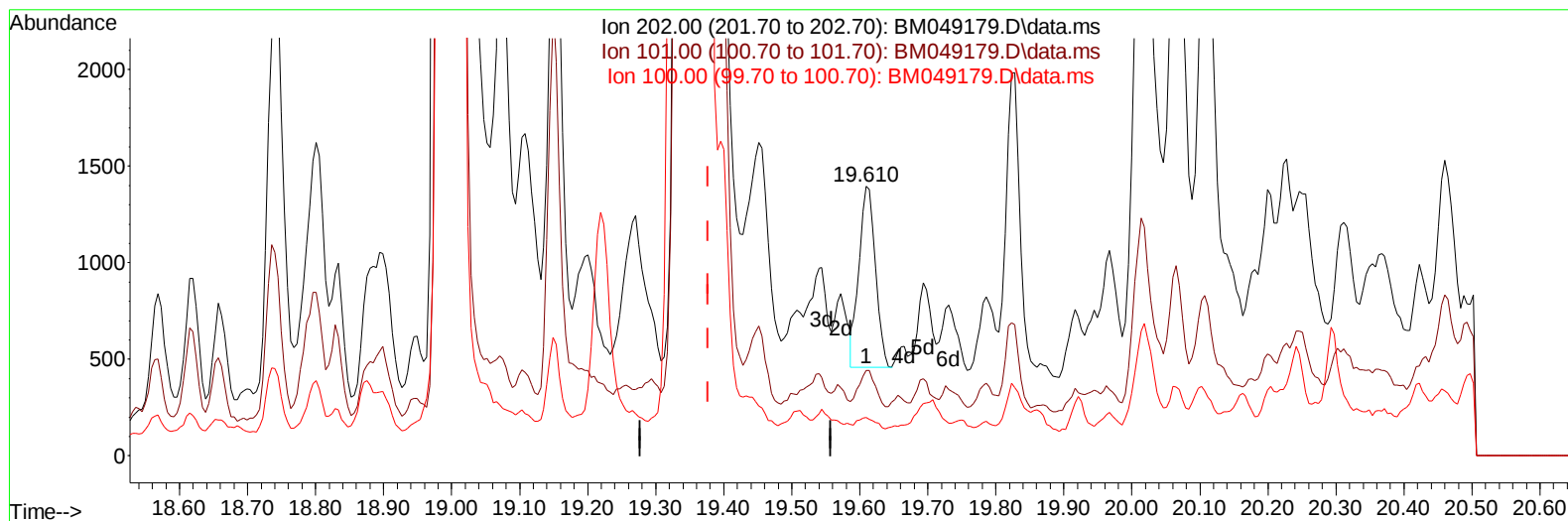
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(20) Pyrene

19.610min (+ 0.232) 0.02 ng/u1

response 1570

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	31.68#
100.00	8.60	14.34#
0.00	0.00	0.00

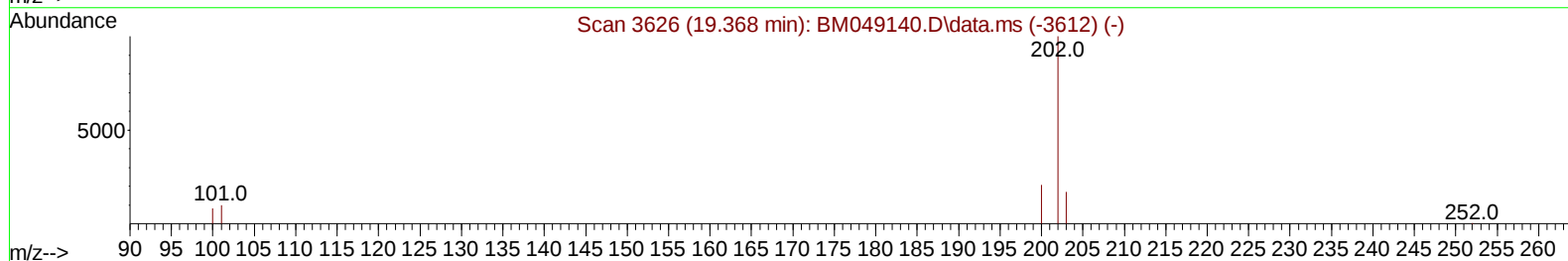
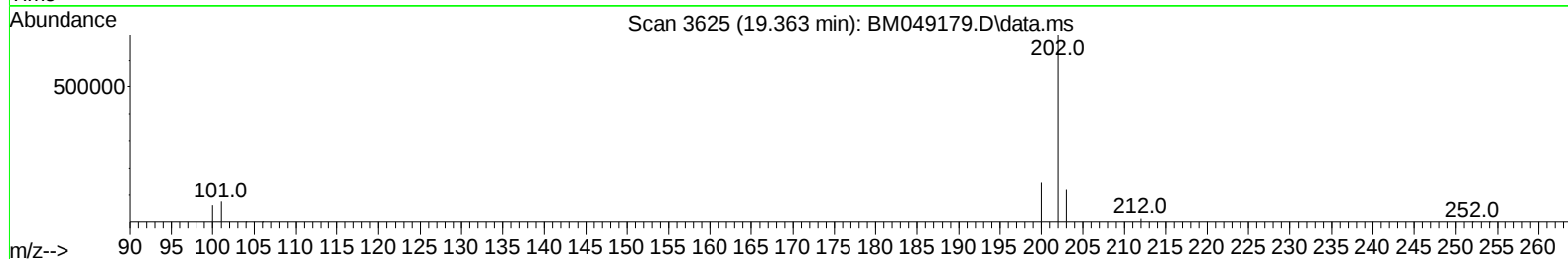
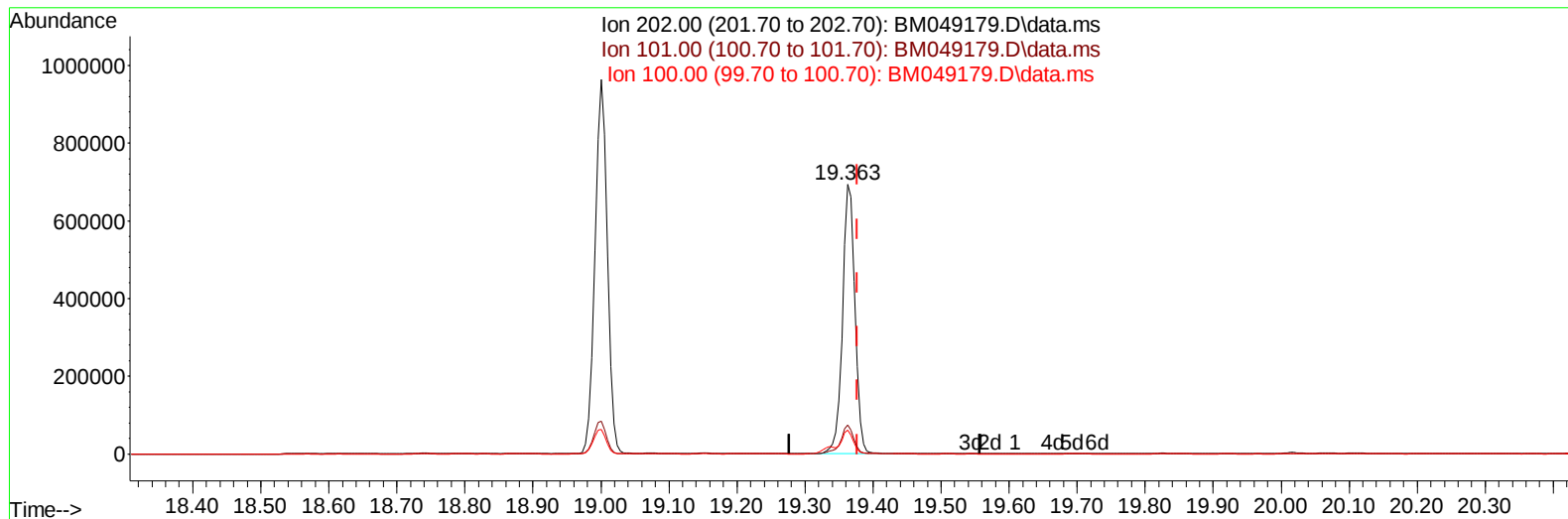
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(20) Pyrene

19.363min (-0.014) 10.52 ng/ul m

response 899304

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	10.84
100.00	8.60	8.84
0.00	0.00	0.00

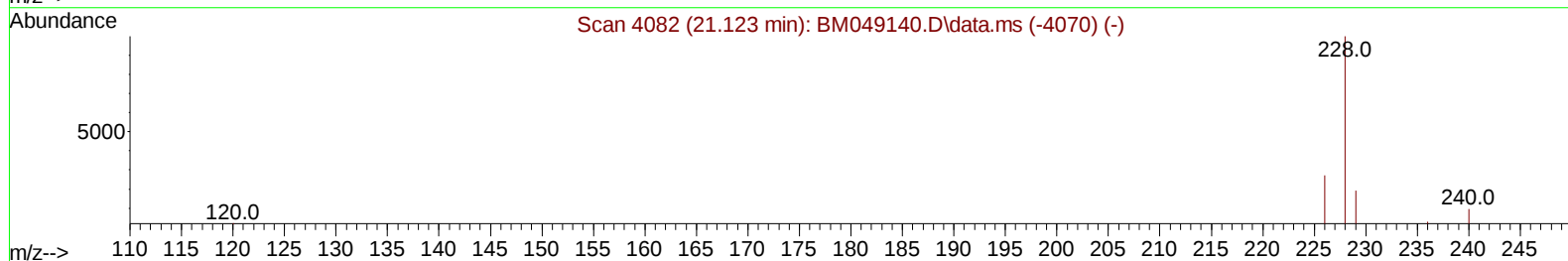
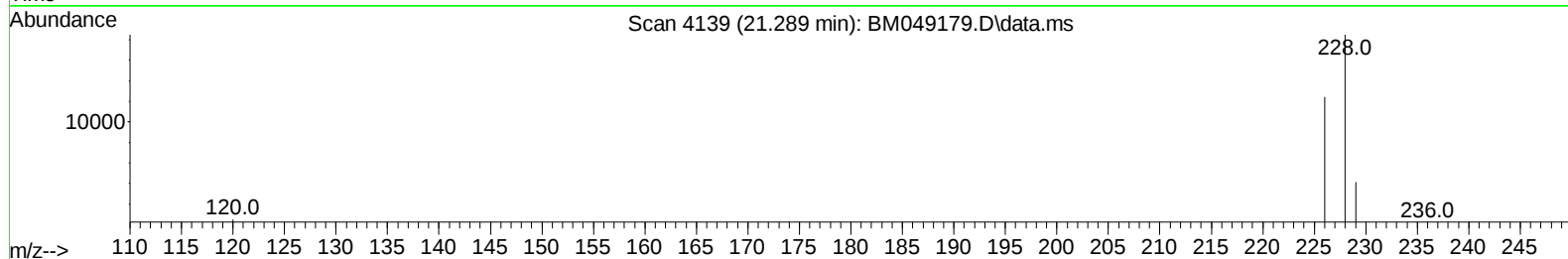
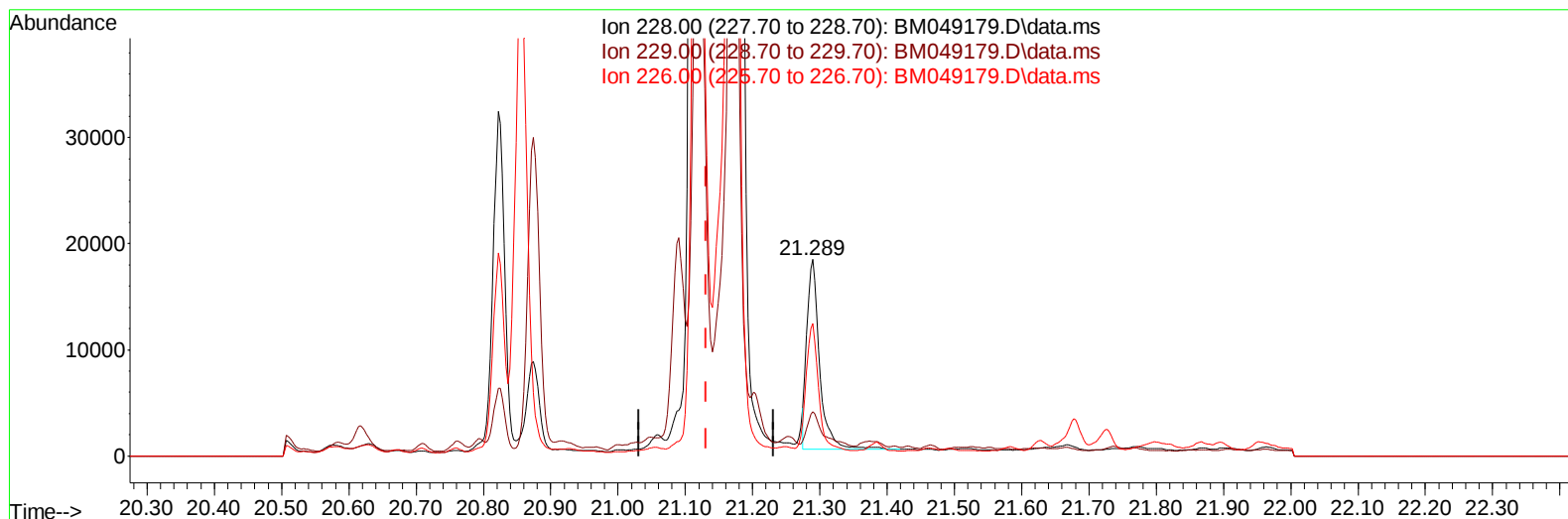
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(21) Benzo(a)anthracene

21.289min (+ 0.158) 0.31 ng/u1

response 23671

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	22.49
226.00	28.30	67.32#
0.00	0.00	0.00

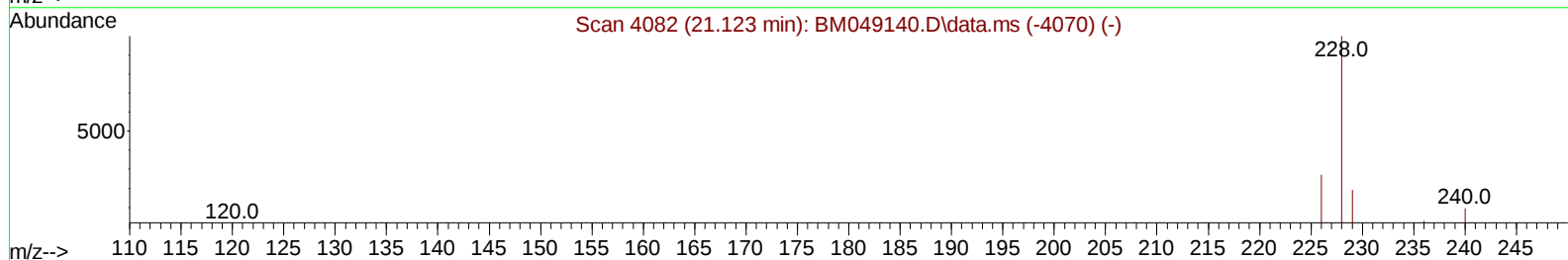
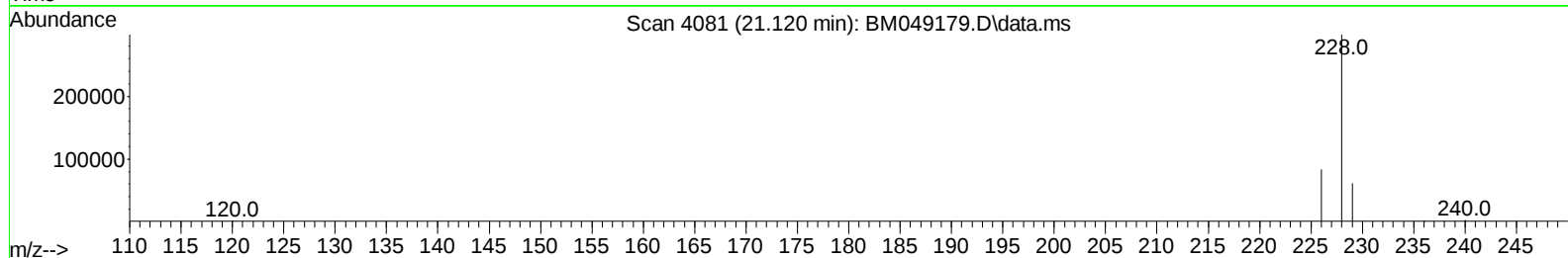
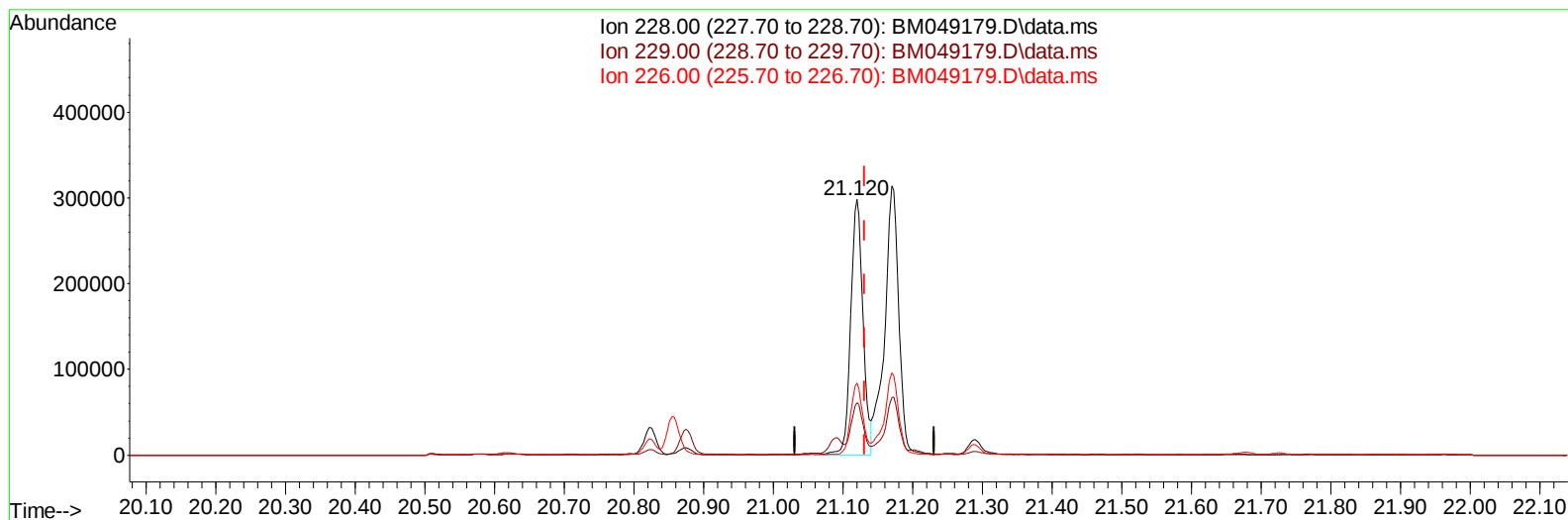
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(21) Benzo(a)anthracene

21.120min (-0.012) 4.75 ng/u1 m

response 366035

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.44
226.00	28.30	28.07
0.00	0.00	0.00

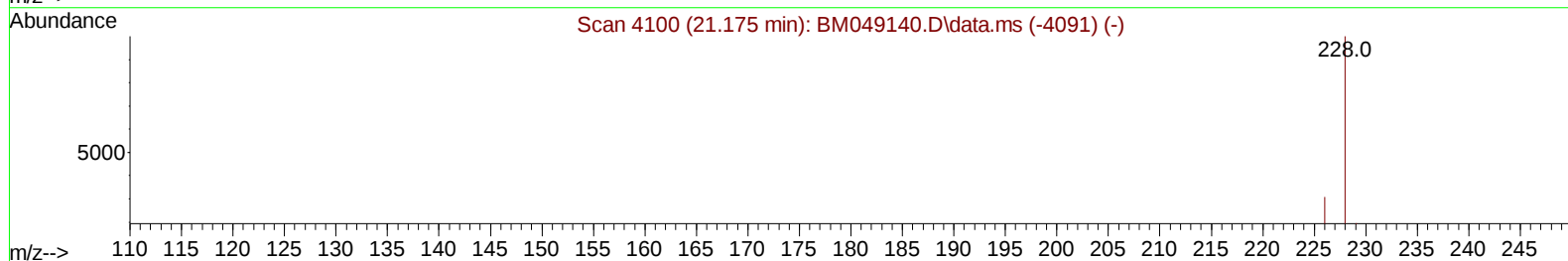
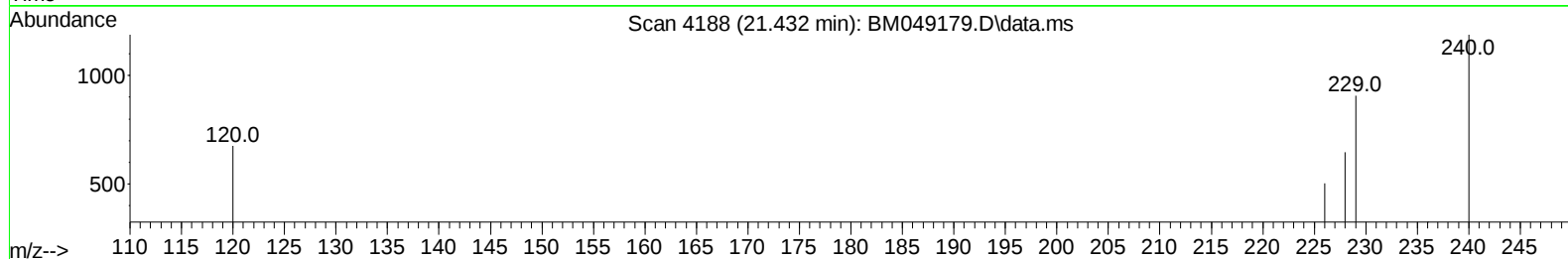
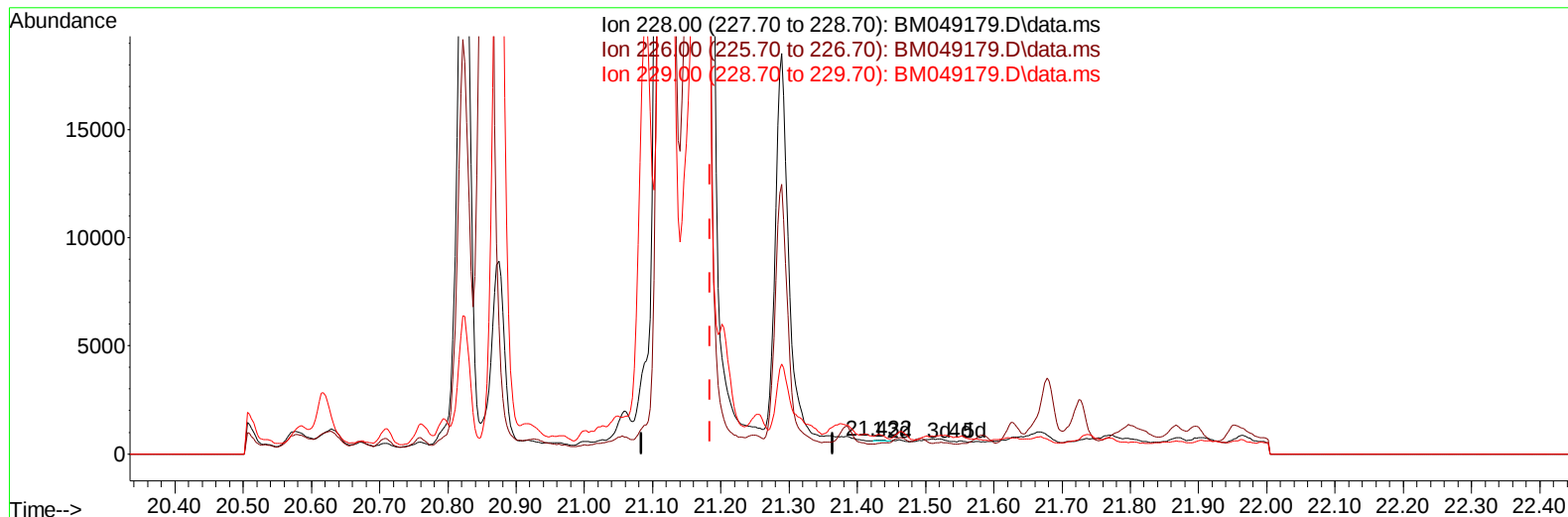
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(22) Chrysene

21.432min (+ 0.248) 0.00 ng/u1

response 45

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	77.43#
229.00	19.80	140.03#
0.00	0.00	0.00

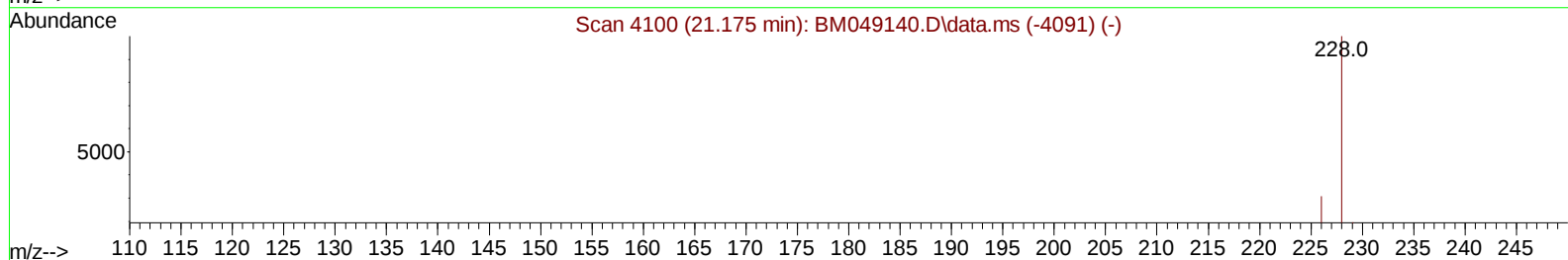
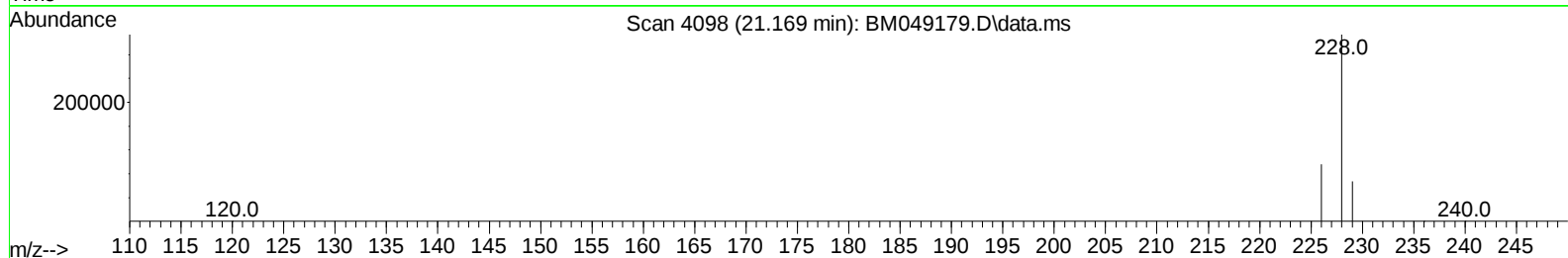
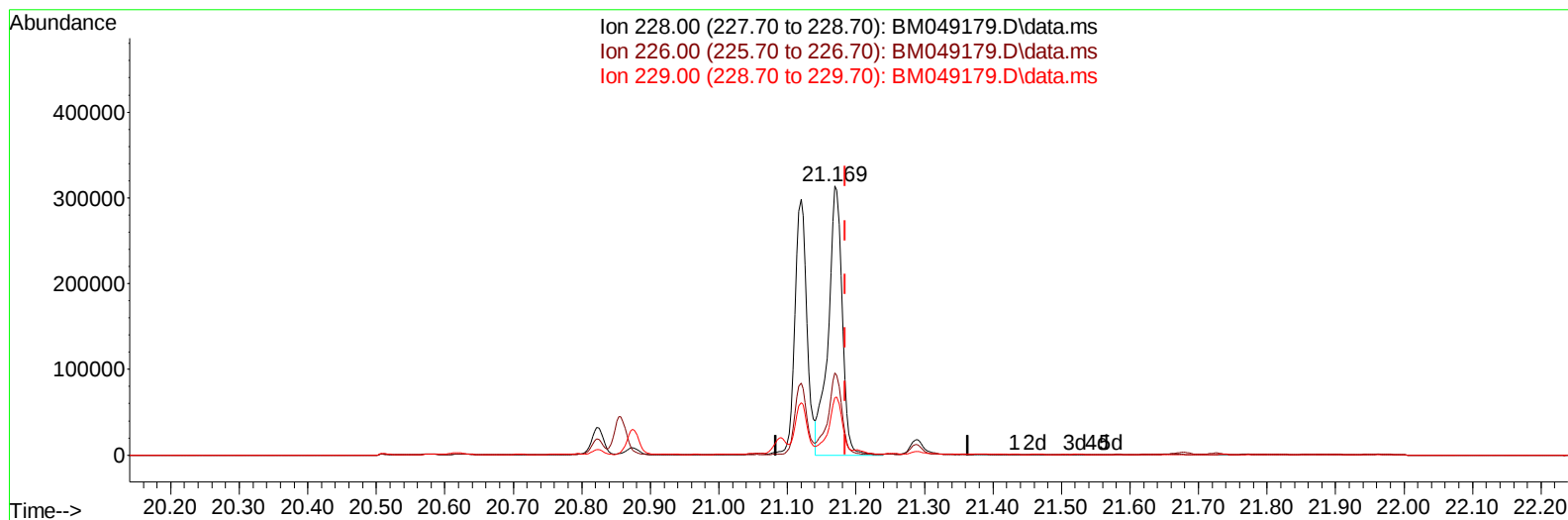
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(22) Chrysene

21.169min (-0.015) 5.39 ng/u1 m

response 446318

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	30.60
229.00	19.80	21.45
0.00	0.00	0.00

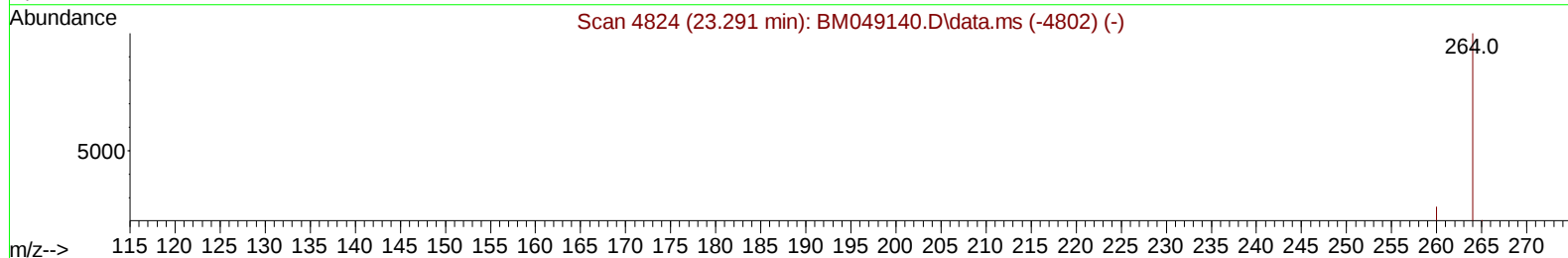
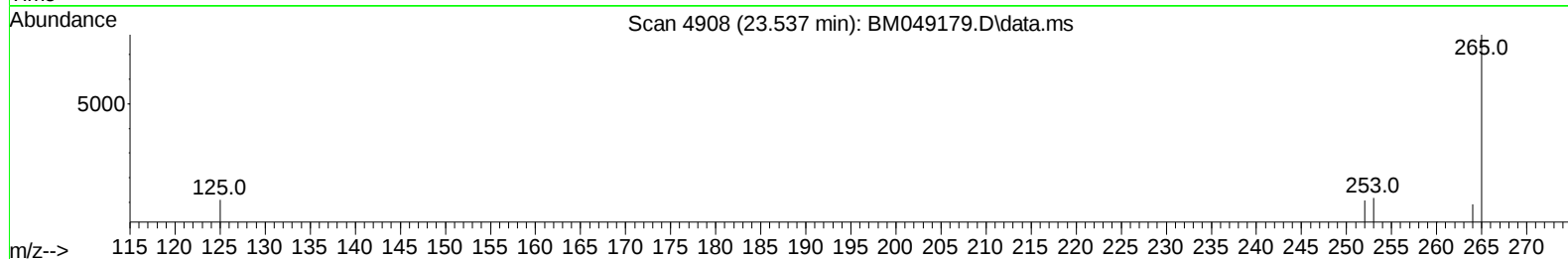
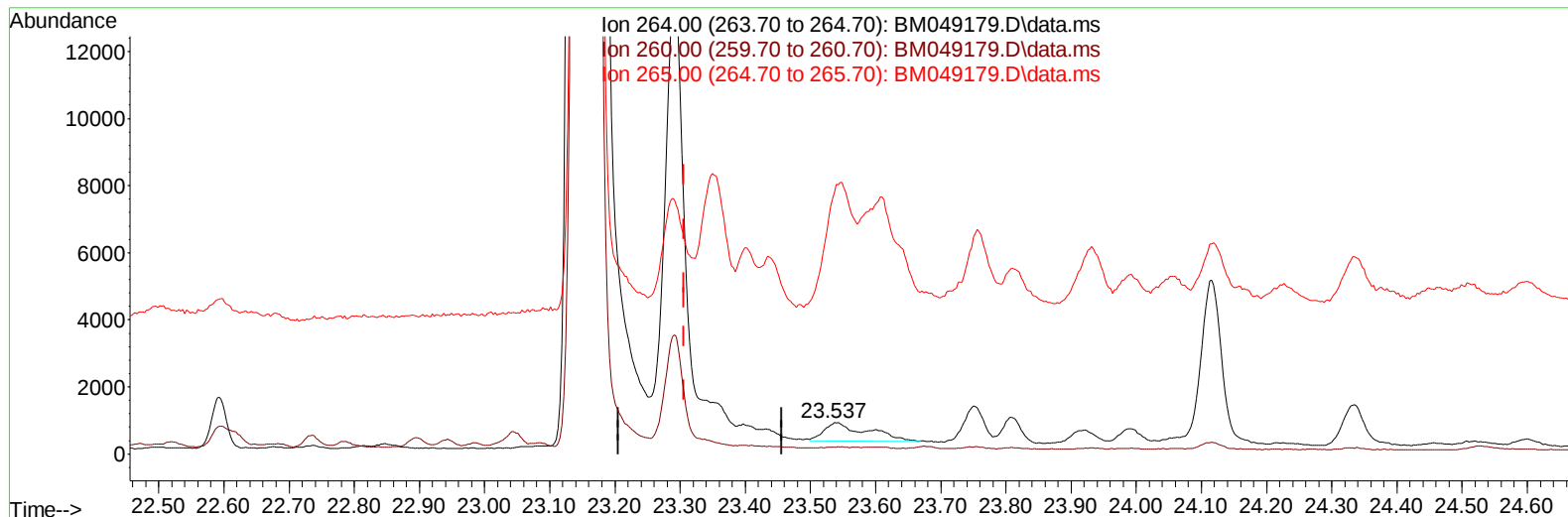
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(23) Perylene-d12 (I)

23.537min (+ 0.231) 0.40 ng/u1

response 2594

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	21.97
265.00	78.30	835.69#
0.00	0.00	0.00

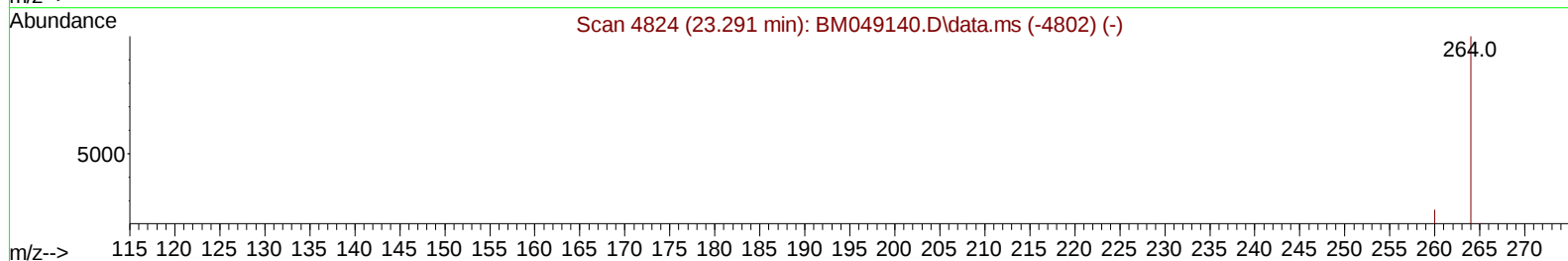
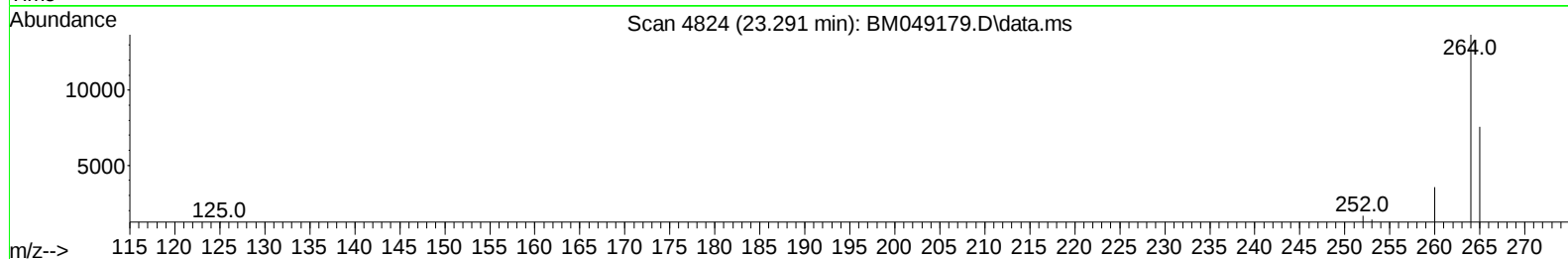
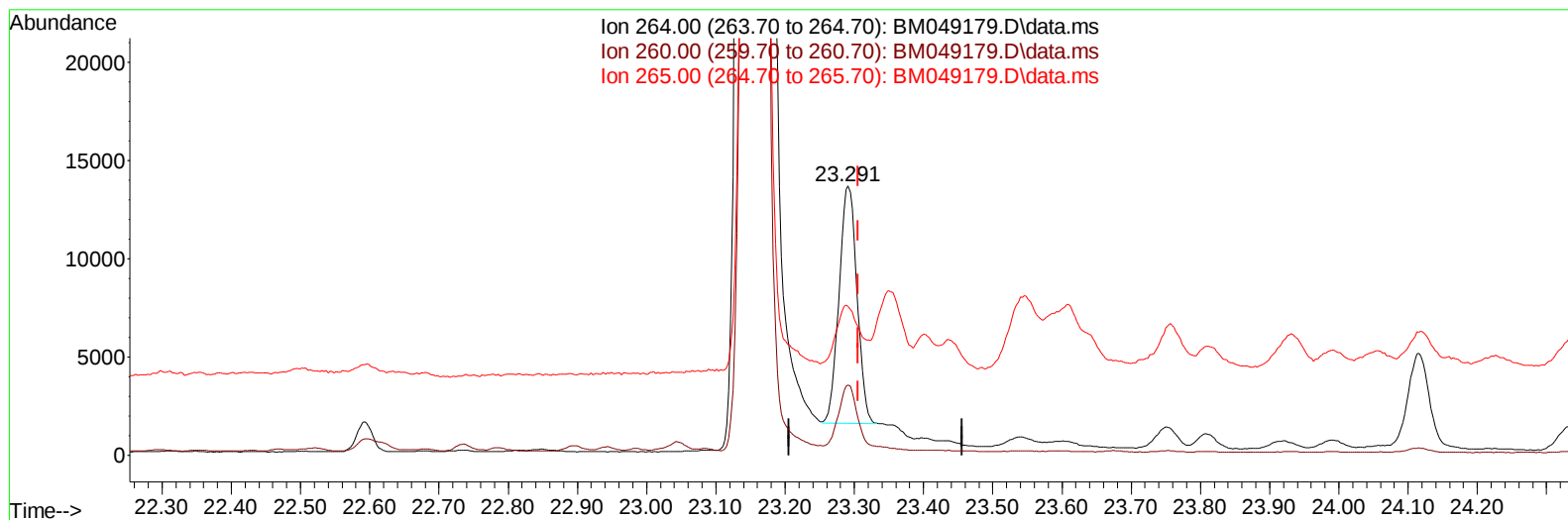
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(23) Perylene-d12 (I)

23.291min (-0.015) 0.40 ng/ul m

response 21779

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.03
265.00	78.30	55.38#
0.00	0.00	0.00

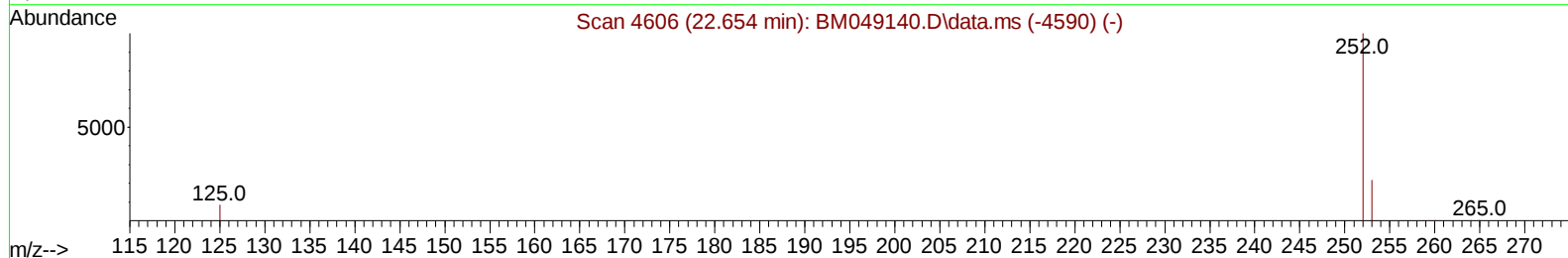
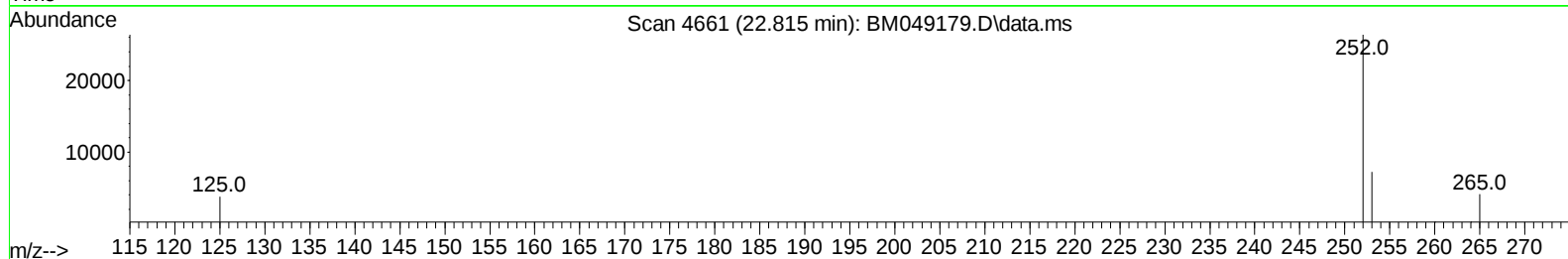
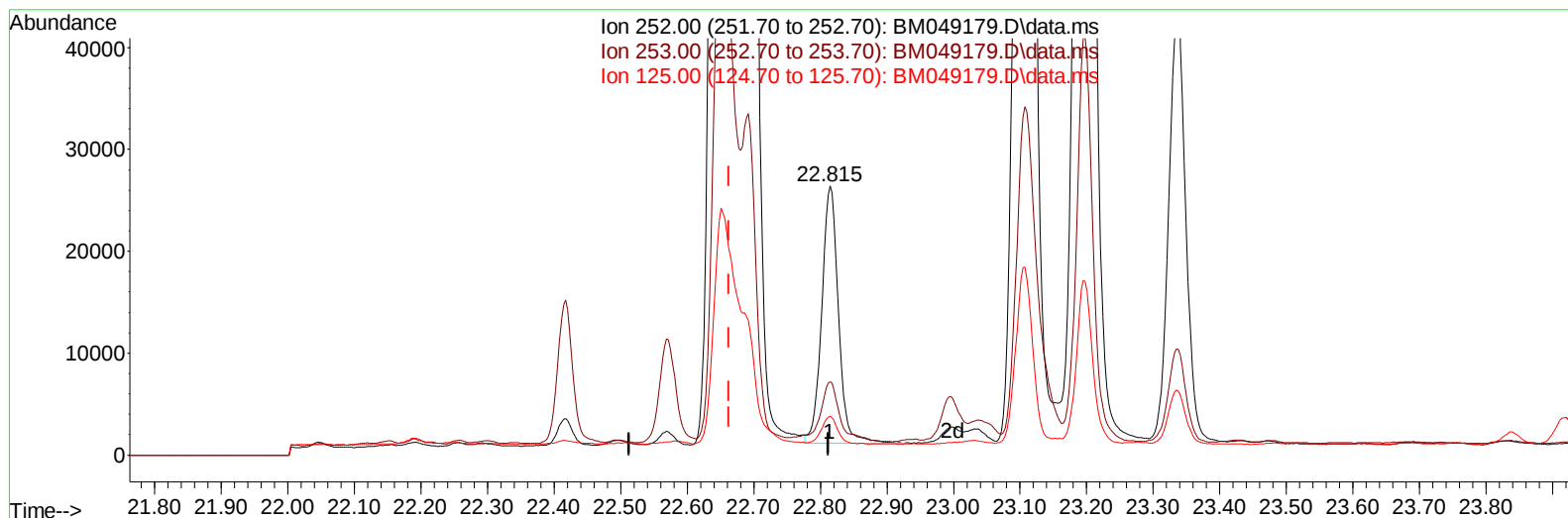
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(24) Benzo(b)fluoranthene

22.815min (+ 0.152) 0.64 ng/u1

response 44551

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	27.25
125.00	15.40	14.42
0.00	0.00	0.00

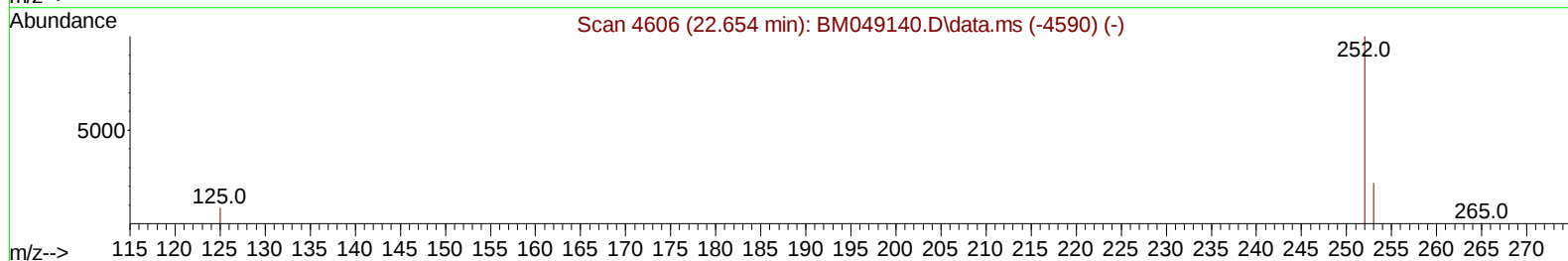
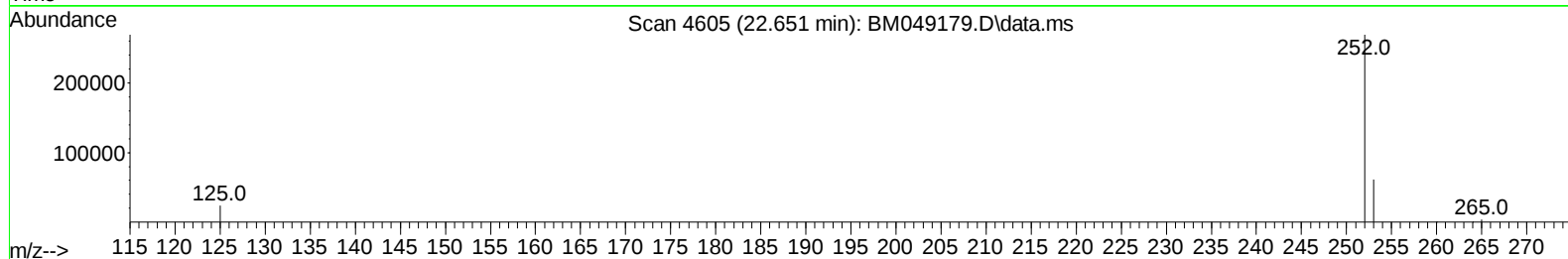
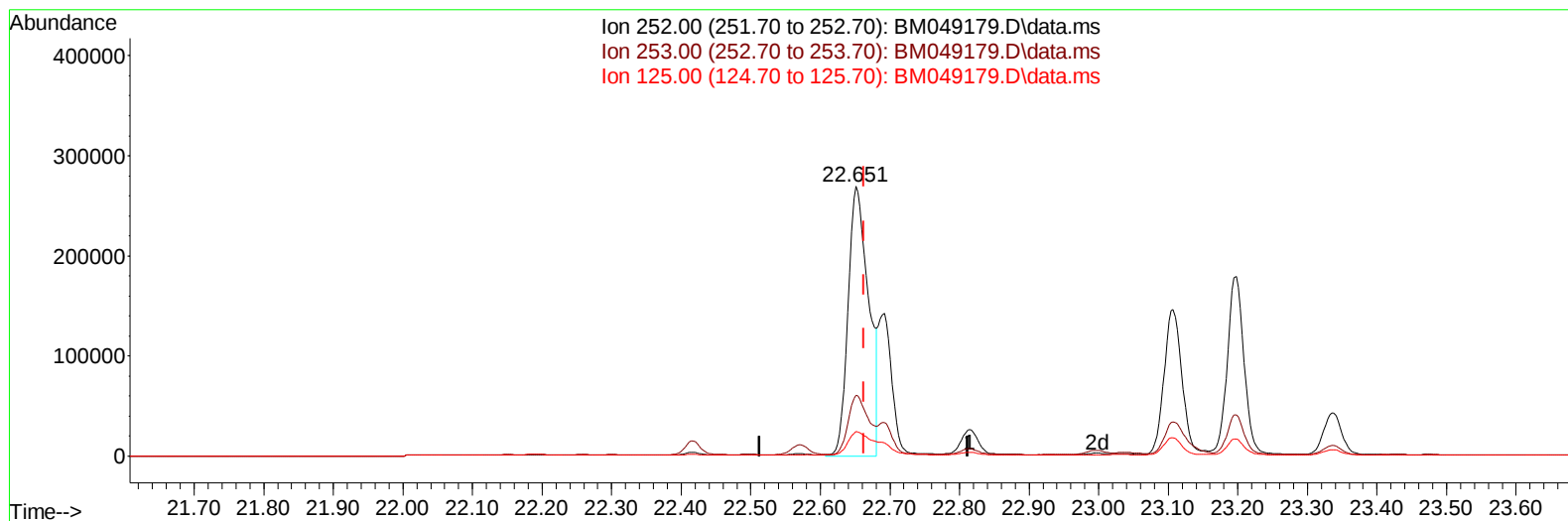
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(24) Benzo(b)fluoranthene

22.651min (-0.012) 7.94 ng/u1 m

response 552373

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	22.63
125.00	15.40	8.99
0.00	0.00	0.00

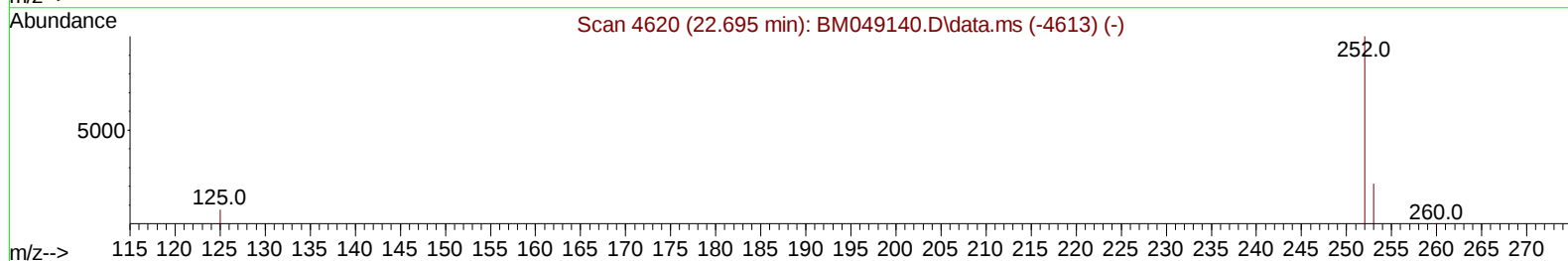
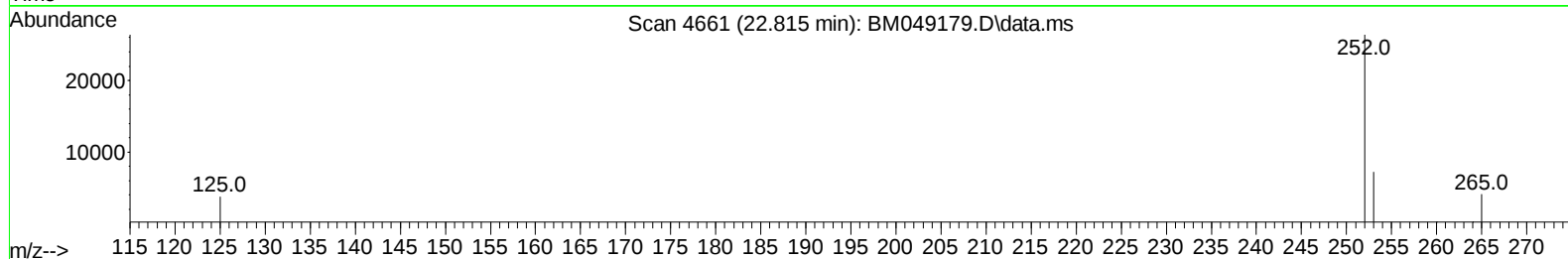
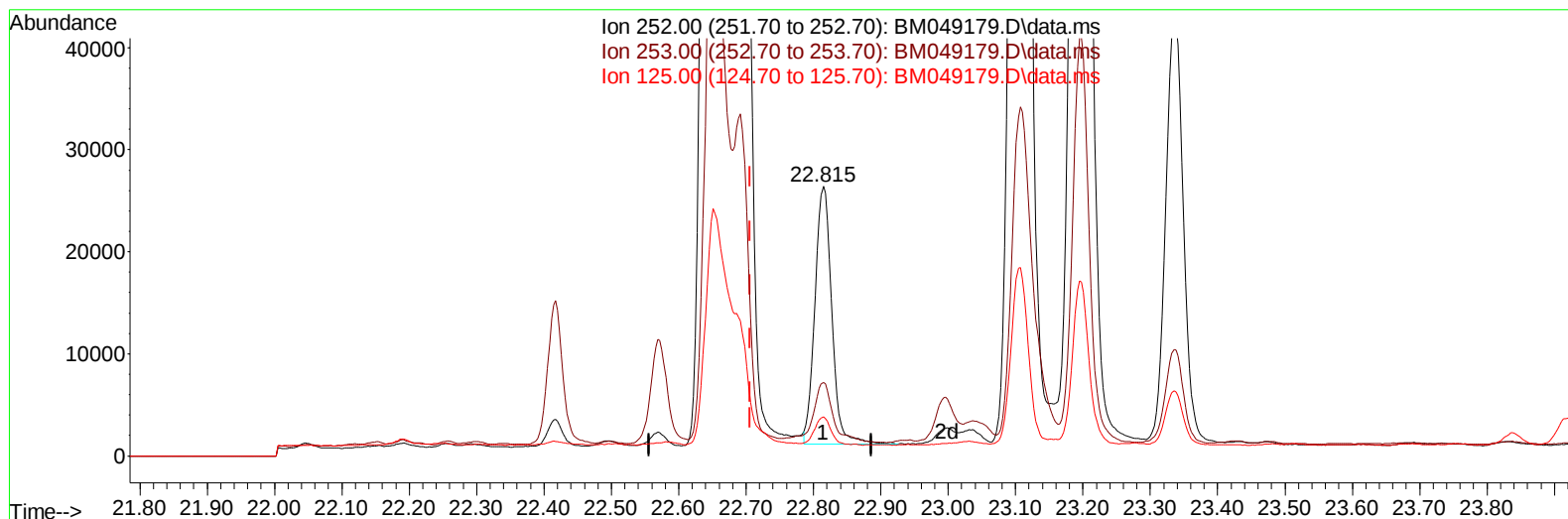
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(25) Benzo(k)fluoranthene

22.815min (+ 0.108) 0.58 ng/u1

response 44009

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	27.25
125.00	15.70	14.42
0.00	0.00	0.00

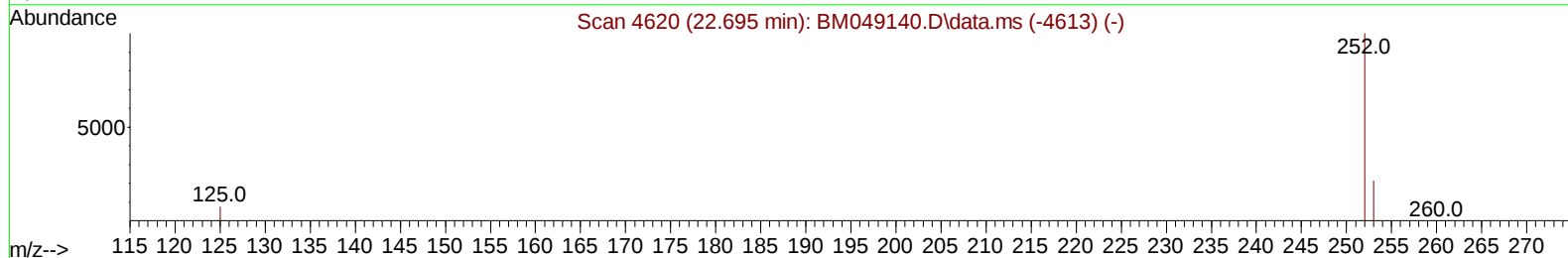
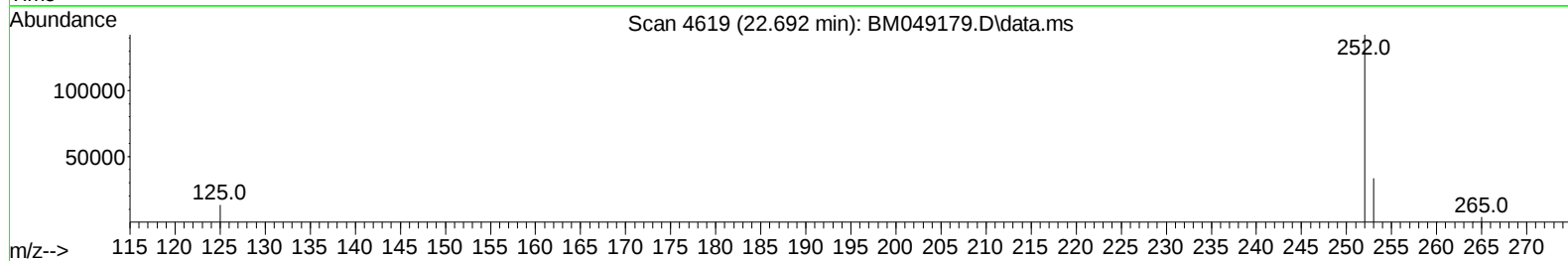
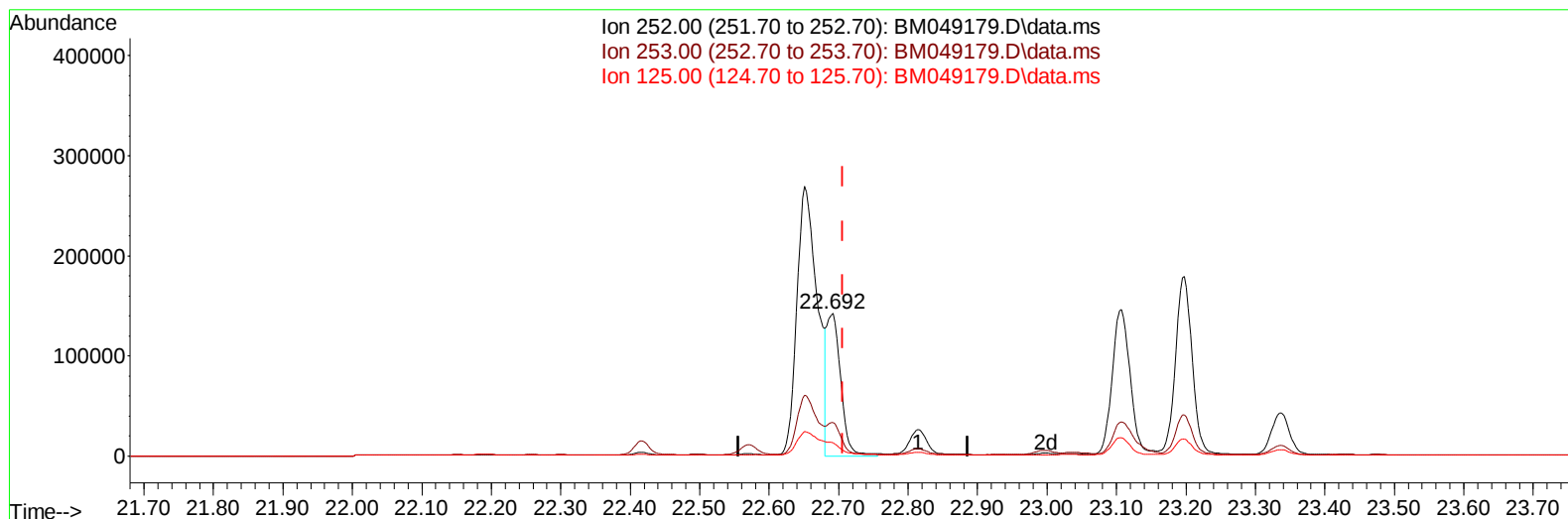
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 21:39:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration



TIC: BM049179.D\data.ms

(25) Benzo(k)fluoranthene

22.692min (-0.015) 2.60 ng/u1 m

response 198591

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	23.56
125.00	15.70	9.31#
0.00	0.00	0.00

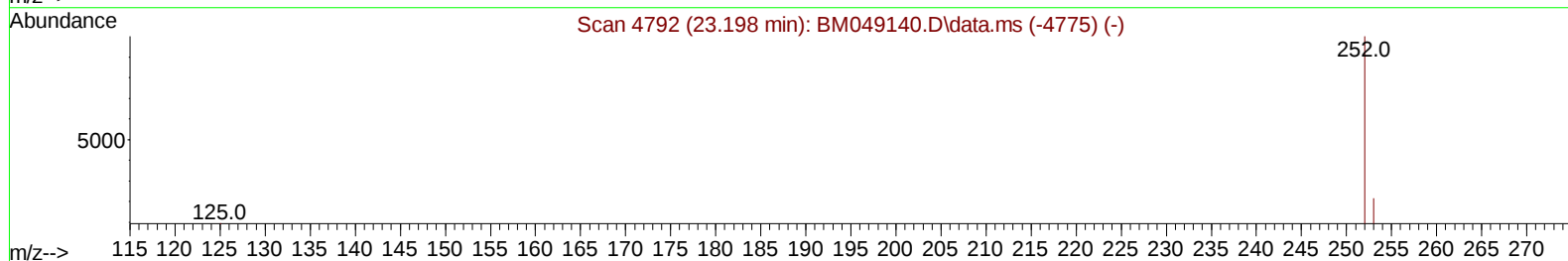
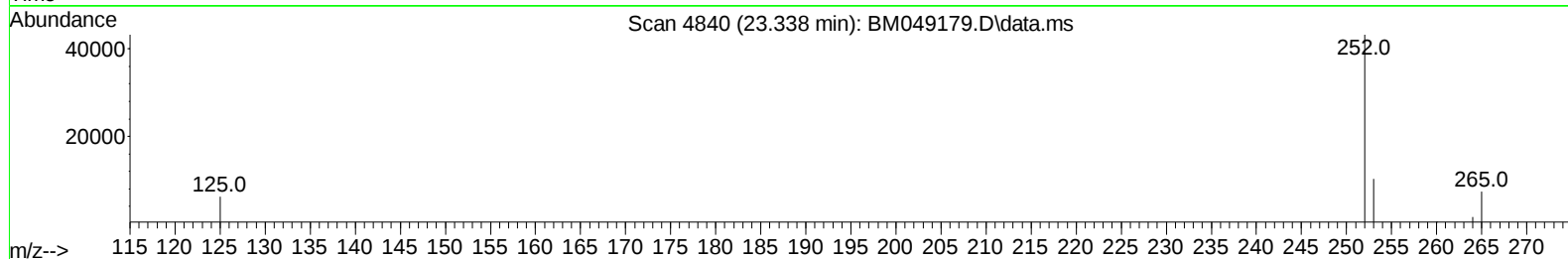
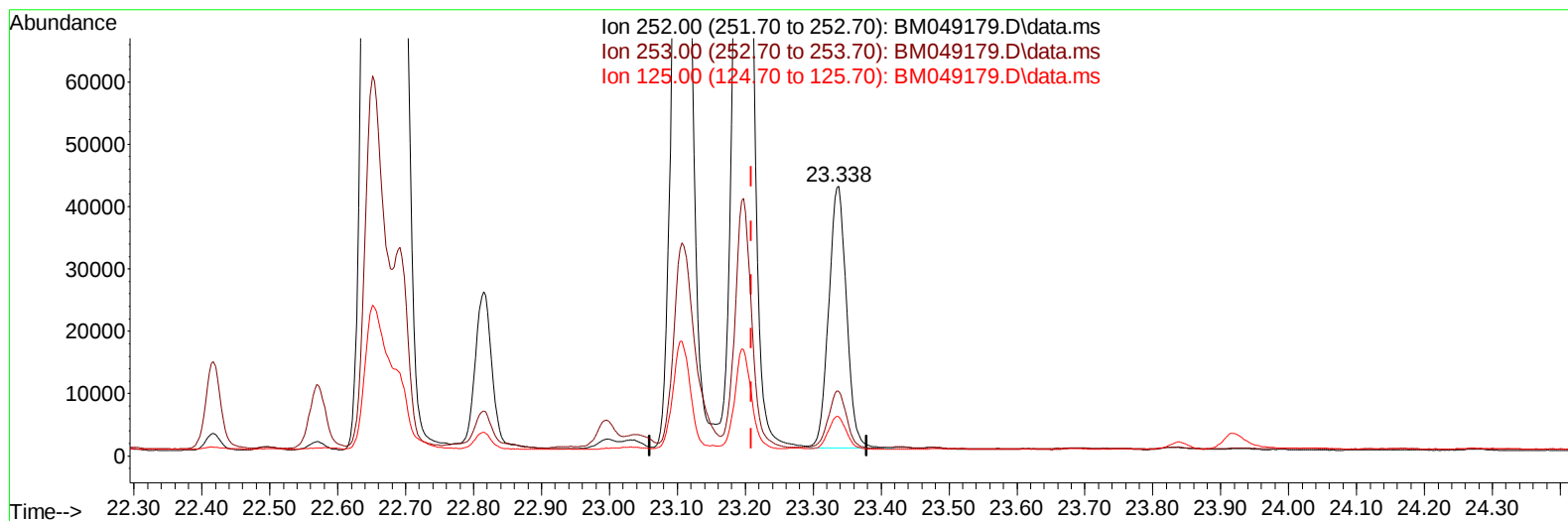
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(26) Benzo(a)pyrene (C)

23.338min (+ 0.129) 1.14 ng/u1

response 75927

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	23.98
125.00	18.50	14.55#
0.00	0.00	0.00

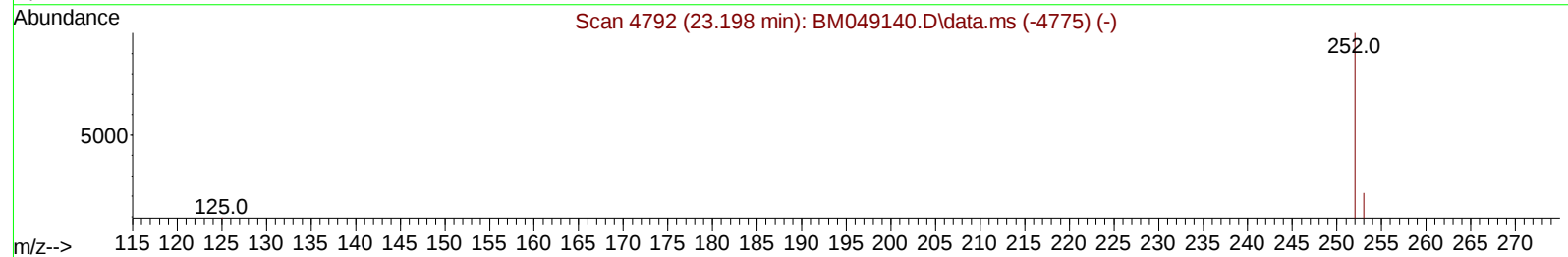
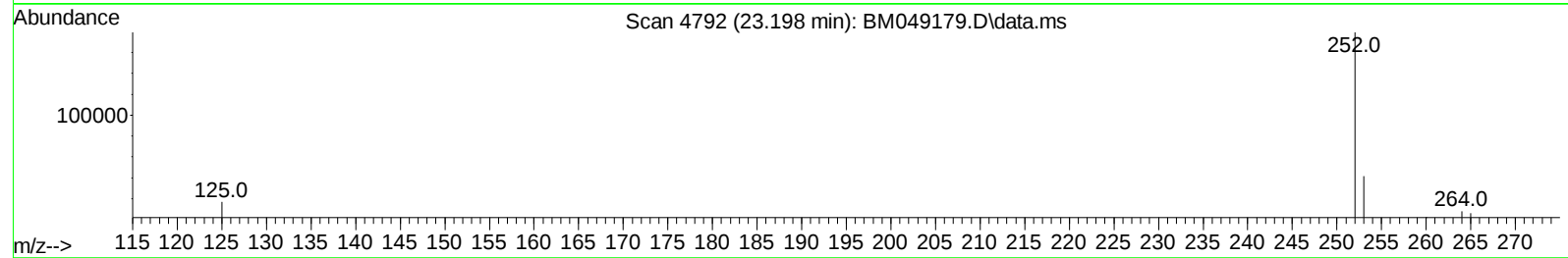
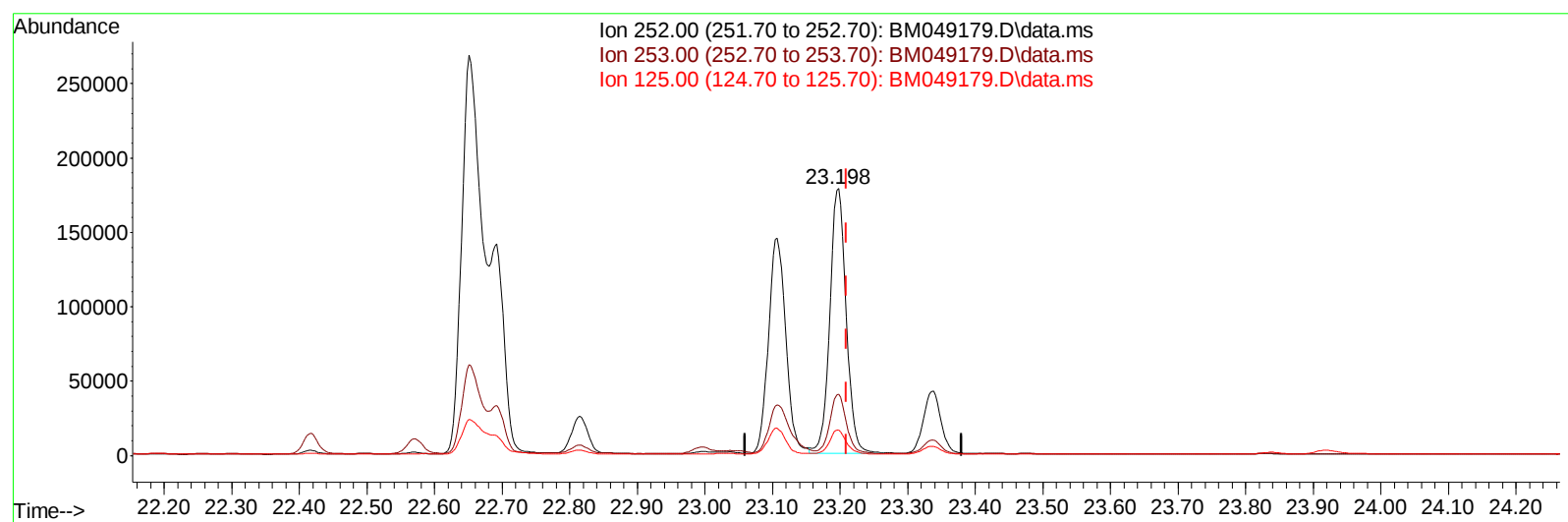
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(26) Benzo(a)pyrene (C)

23.198min (-0.012) 4.49 ng/u1 m

response 299288

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	23.01
125.00	18.50	9.50#
0.00	0.00	0.00

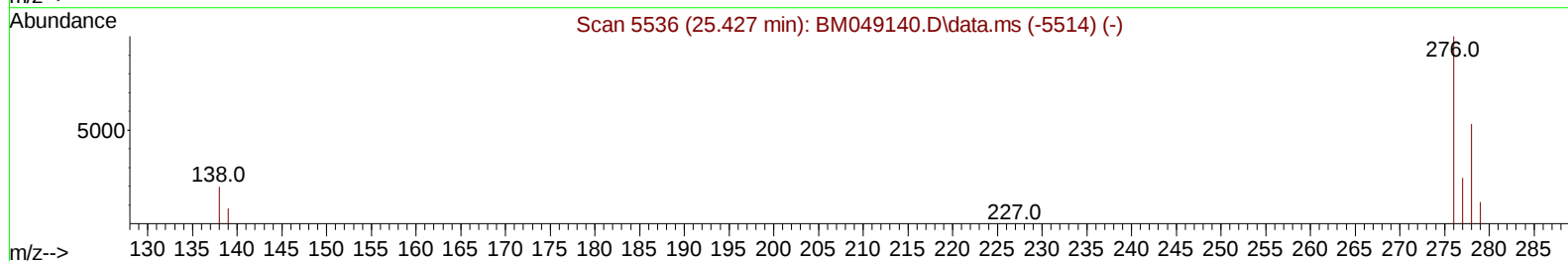
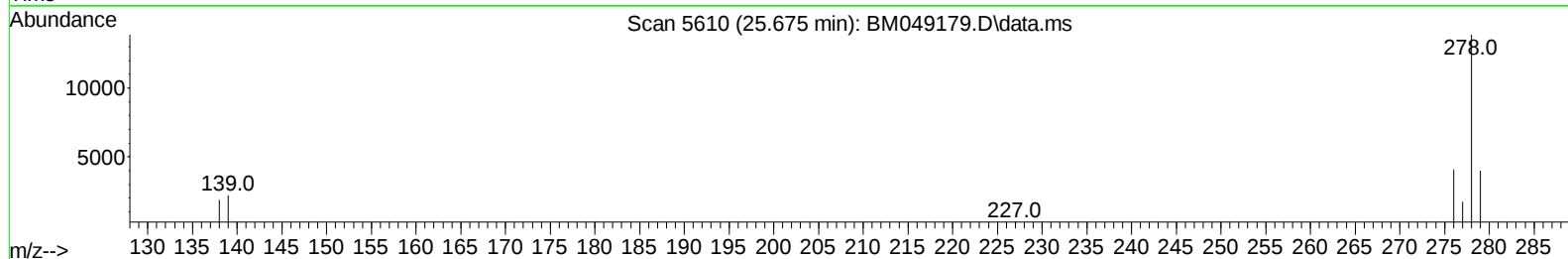
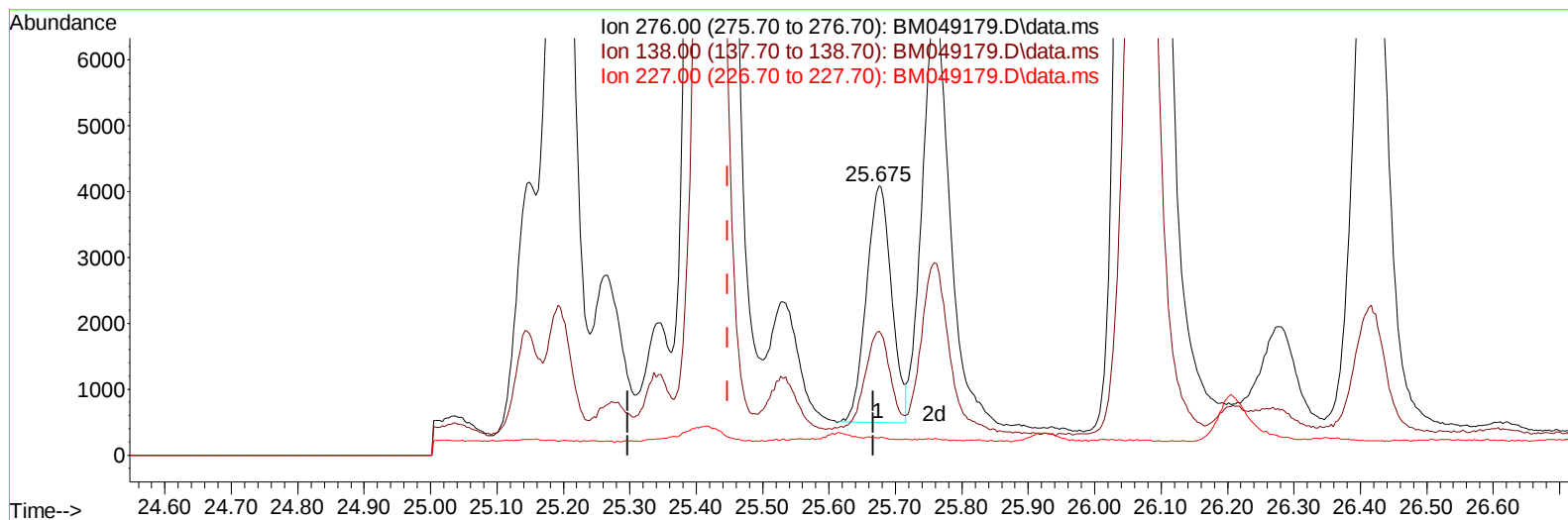
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

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

25.675min (+ 0.228) 0.10 ng/u1

response 9440

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	42.79#
227.00	0.20	0.00#
0.00	0.00	0.00

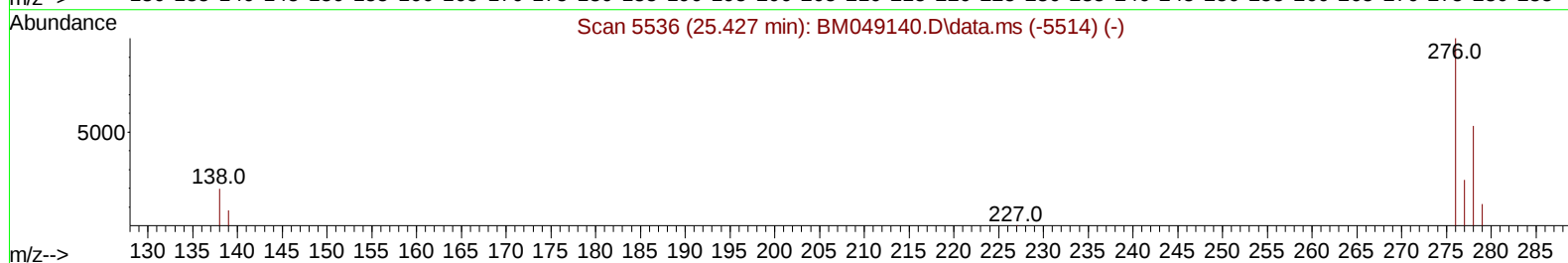
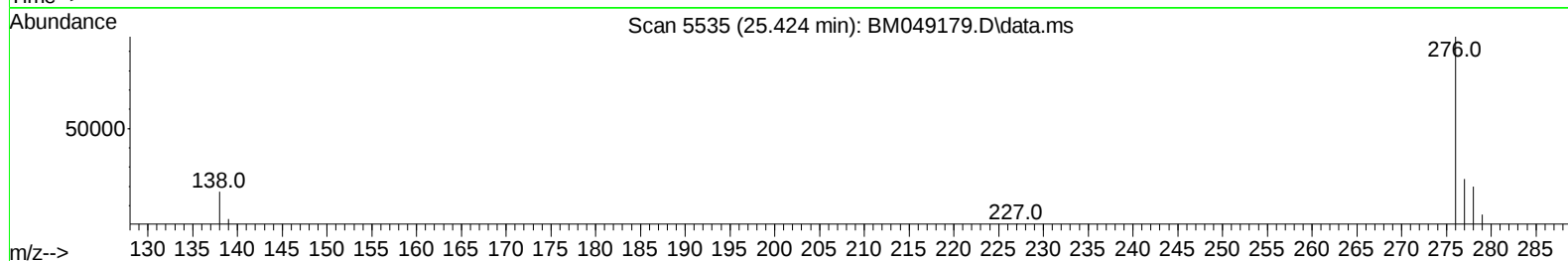
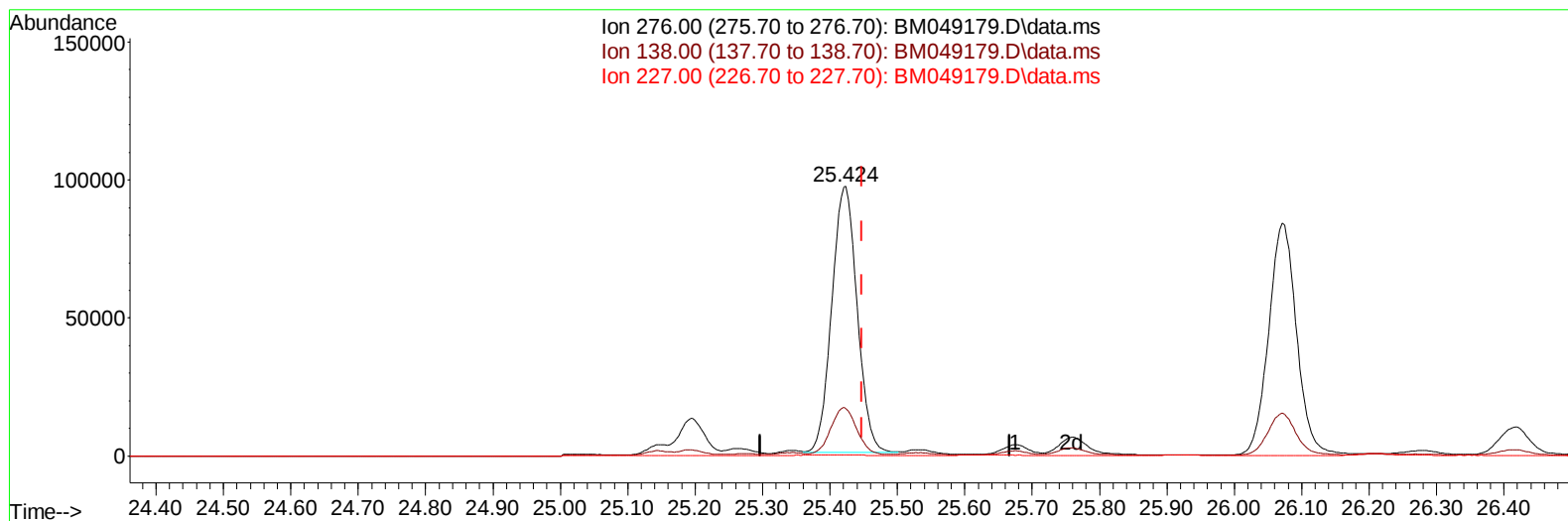
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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

Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

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

25.424min (-0.024) 2.66 ng/u1 m

response 251493

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	1.61#
227.00	0.20	0.00#
0.00	0.00	0.00

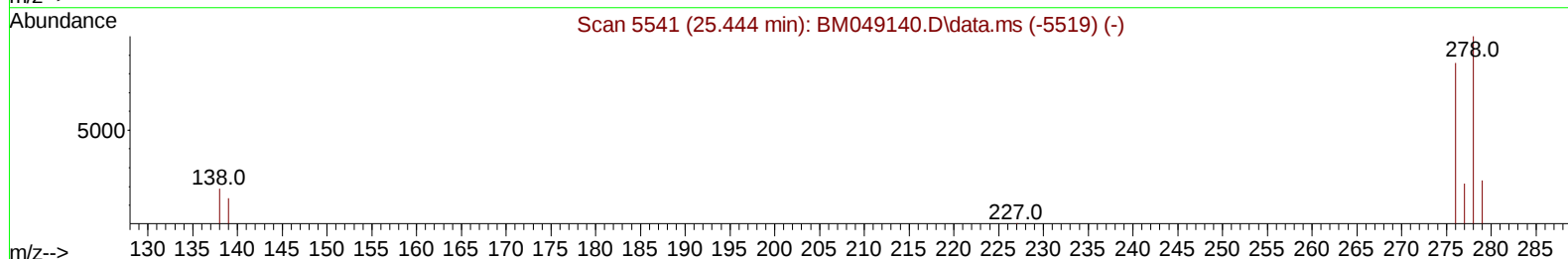
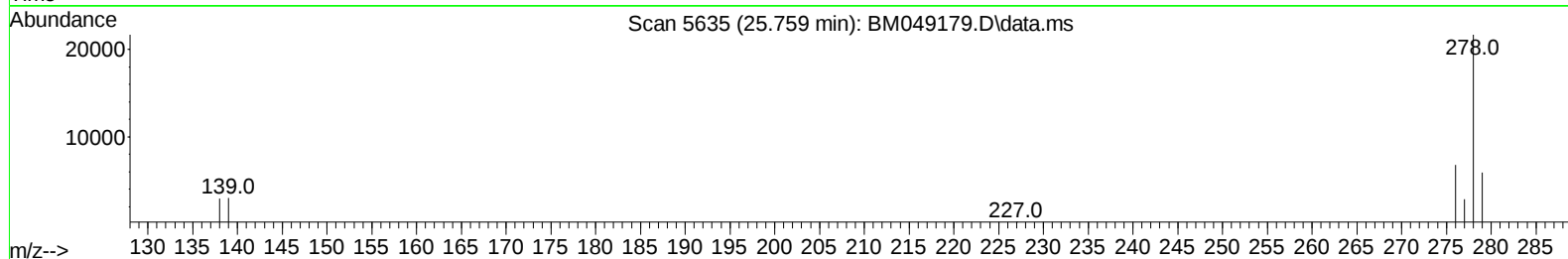
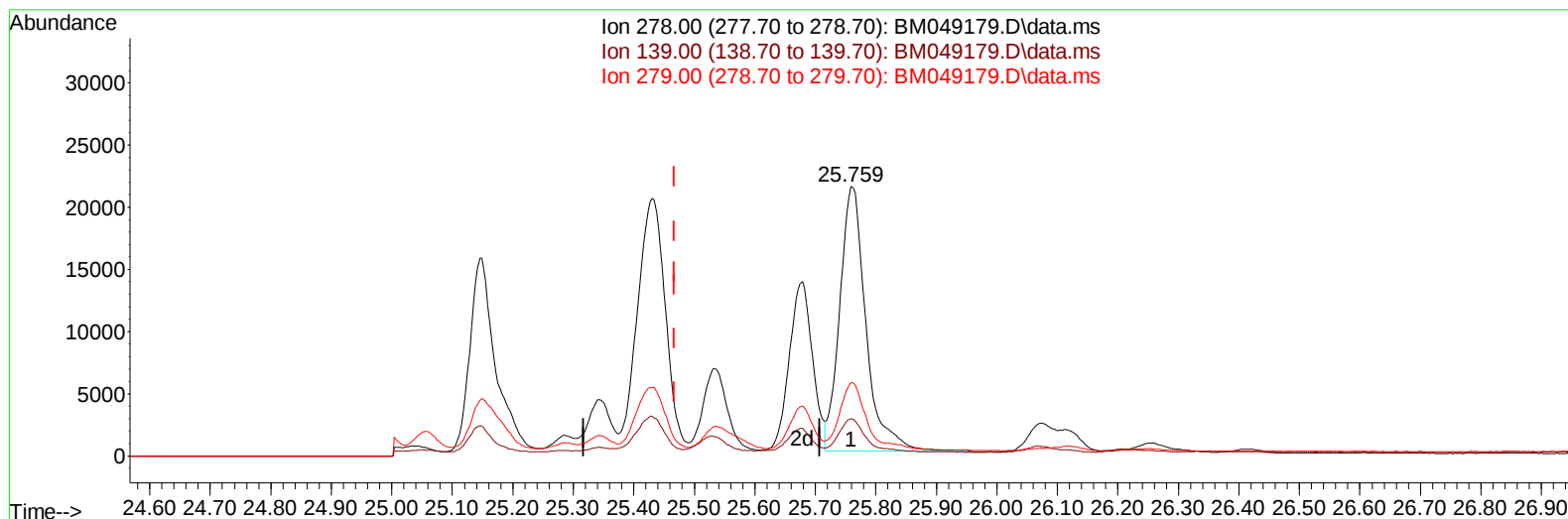
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 2024
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QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Yogesh Patel 12/25/2024
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TIC: BM049179.D\data.ms

(28) Dibenzo(a,h)anthracene

25.759min (+ 0.292) 0.88 ng/u1

response 64503

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	13.76
279.00	26.90	27.21
0.00	0.00	0.00

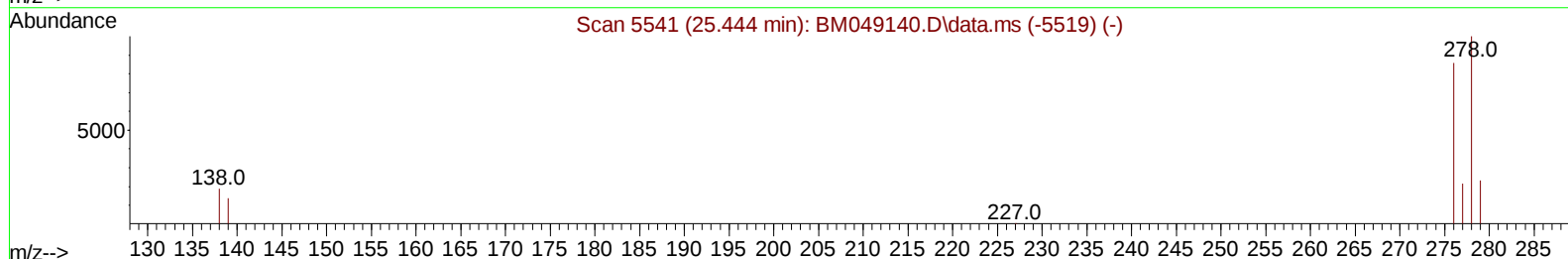
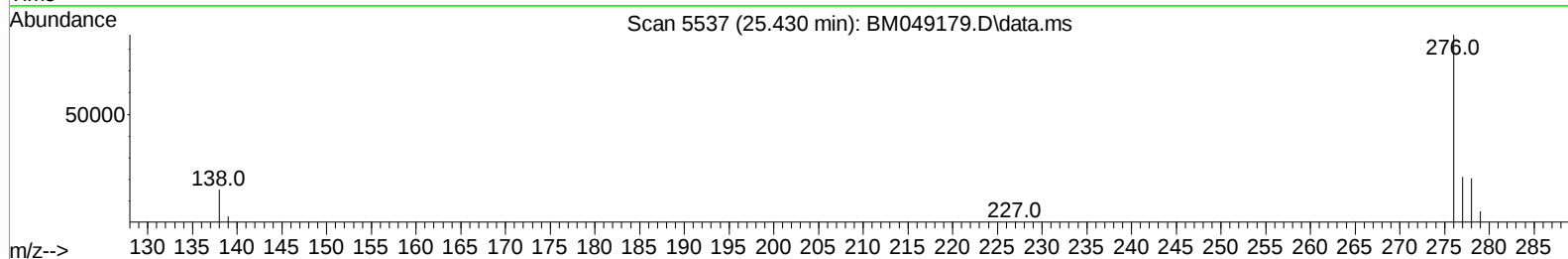
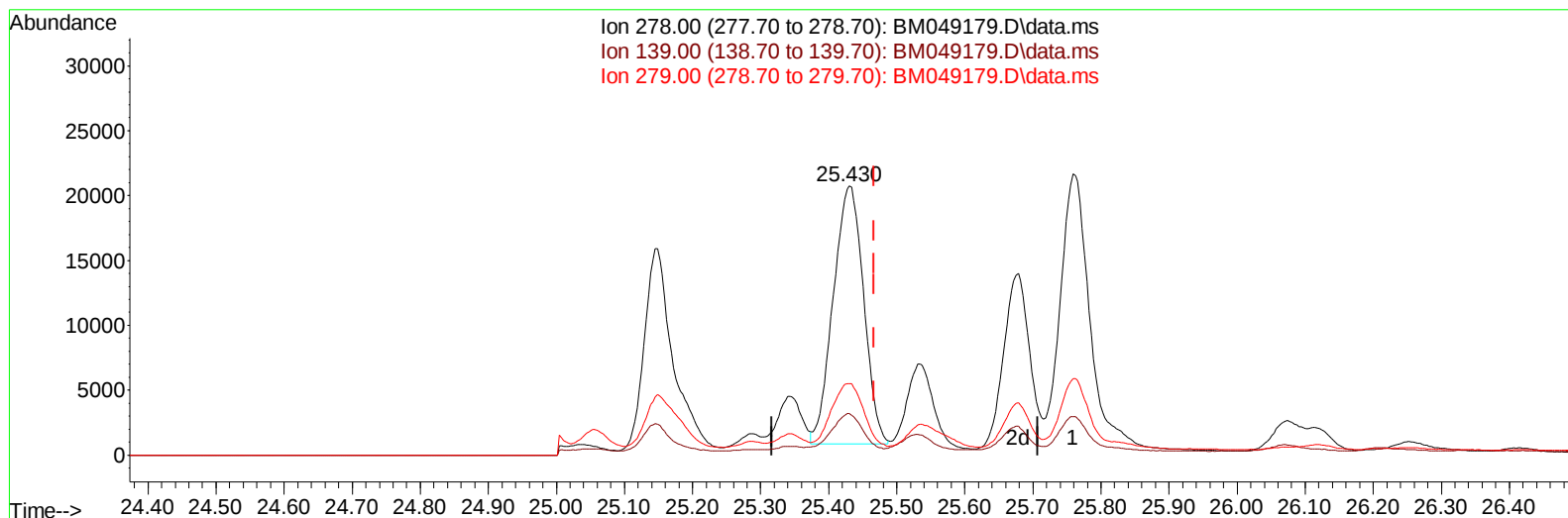
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

(28) Dibenzo(a,h)anthracene

25.430min (-0.037) 0.84 ng/ul m

response 61743

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	15.37
279.00	26.90	26.50
0.00	0.00	0.00

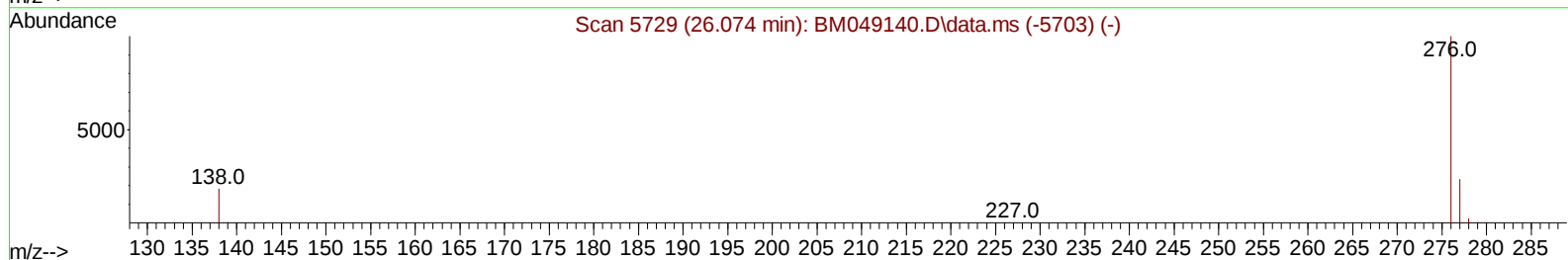
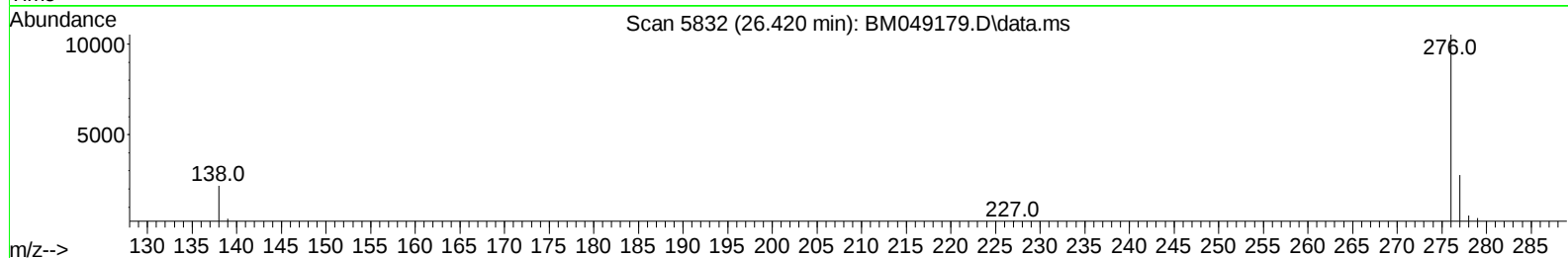
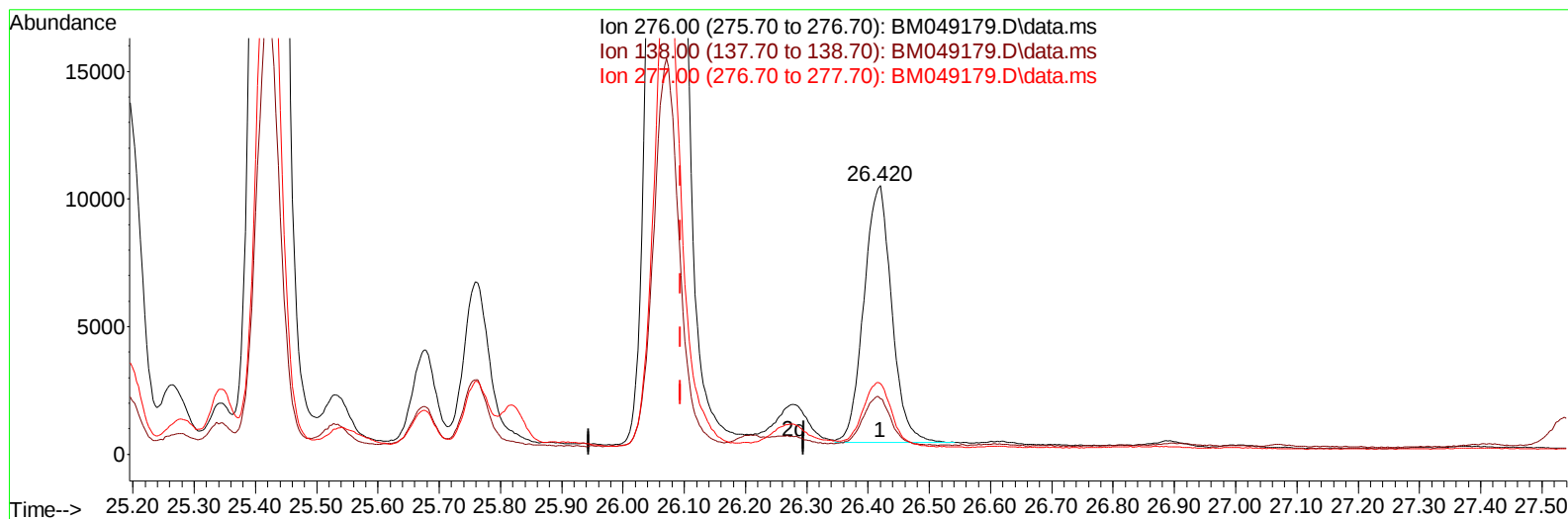
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 2024
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TIC: BM049179.D\data.ms

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

26.420min (+ 0.325) 0.42 ng/u1

response 31715

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	20.54
277.00	24.90	26.38
0.00	0.00	0.00

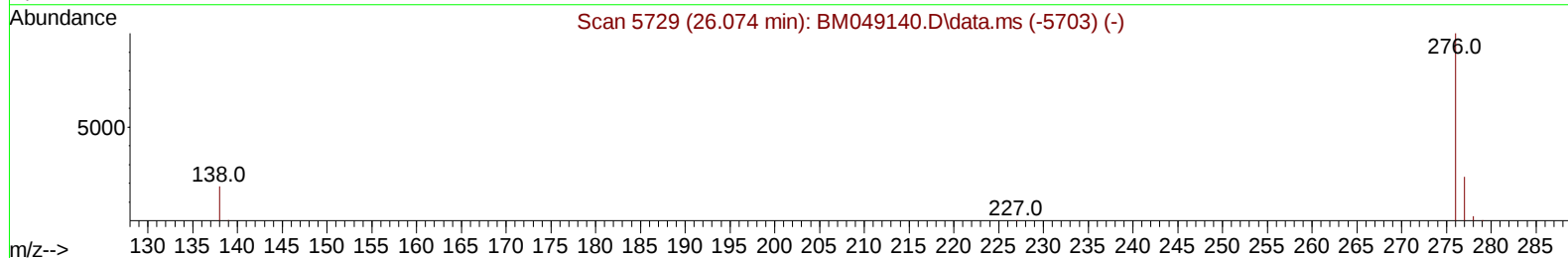
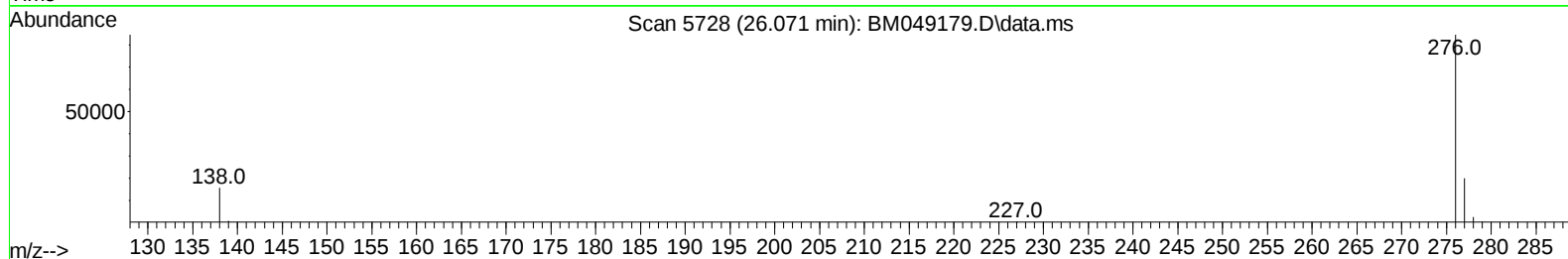
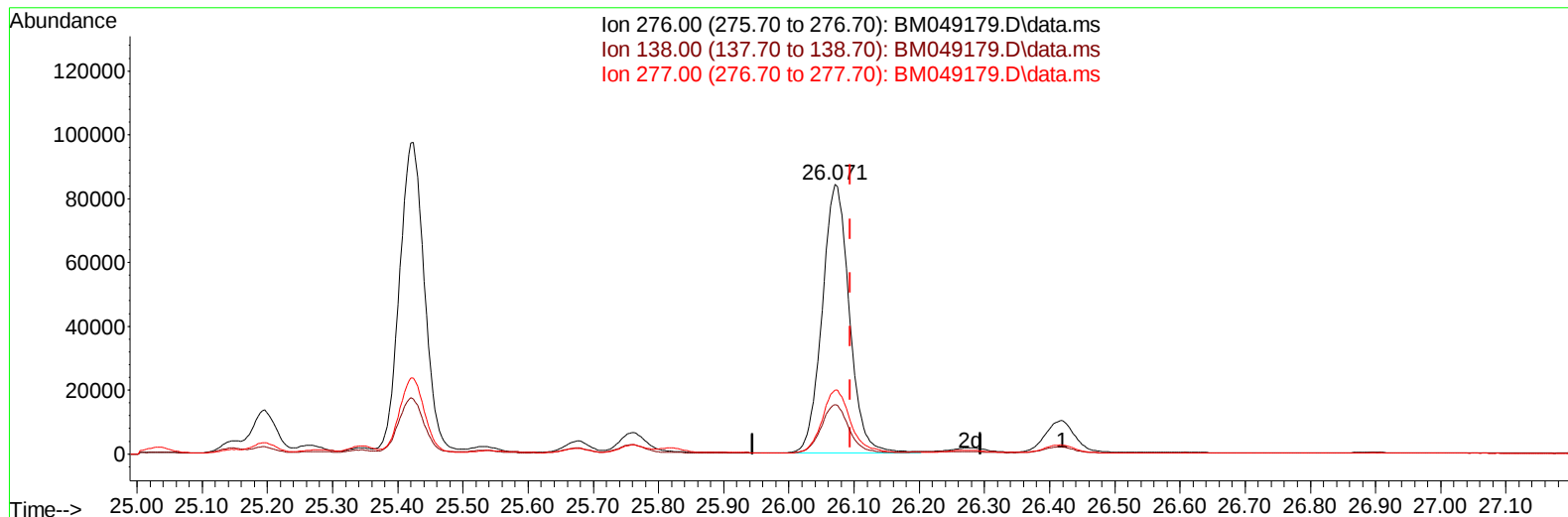
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
Operator : RC/JU
Sample : P5333-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2907

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:39:53 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 :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049179.D\data.ms

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

26.071min (-0.024) 3.20 ng/u1 m

response 243259

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	18.39
277.00	24.90	23.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049179.D
 Acq On : 24 Dec 2024 11:45
 Operator : RC/JU
 Sample : P5333-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2907

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 21:39:53 2024
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 QLast Update : Wed Dec 18 15:33:13 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	6770	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	20325	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.186	164	11356	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.933	188	26620m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.134	240	22162m	0.400	ng/ul	-0.01
23) Perylene-d12	23.291	264	21779m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	41855	5.361	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.908	152	8869	0.325	ng/ul	-0.02
18) Fluoranthene-d10	18.968	212	17013m	0.271	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.358	128	31031	0.610	ng/ul	99
7) 2-Methylnaphthalene	11.985	142	15418	0.478	ng/ul	98
8) 1-Methylnaphthalene	12.205	142	11318	0.343	ng/ul	99
10) Acenaphthylene	13.904	152	5864	0.125	ng/ul#	92
11) Acenaphthene	14.246	153	36072	1.050	ng/ul	99
12) Fluorene	15.241	166	32716	0.844	ng/ul	99
15) Phenanthrene	16.975	178	952257m	13.696	ng/ul	
16) Anthracene	17.068	178	67472m	1.057	ng/ul	
19) Fluoranthene	19.001	202	1209947m	15.100	ng/ul	
20) Pyrene	19.363	202	899304m	10.524	ng/ul	
21) Benzo(a)anthracene	21.120	228	366035m	4.748	ng/ul	
22) Chrysene	21.169	228	446318m	5.395	ng/ul	
24) Benzo(b)fluoranthene	22.651	252	552373m	7.939	ng/ul	
25) Benzo(k)fluoranthene	22.692	252	198591m	2.601	ng/ul	
26) Benzo(a)pyrene	23.198	252	299288m	4.485	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.424	276	251493m	2.663	ng/ul	
28) Dibenzo(a,h)anthracene	25.430	278	61743m	0.842	ng/ul	
29) Benzo(g,h,i)perylene	26.071	276	243259m	3.203	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
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Misc :
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Instrument :
BNA_M
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E2907

Manual IntegrationsAPPROVED

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