

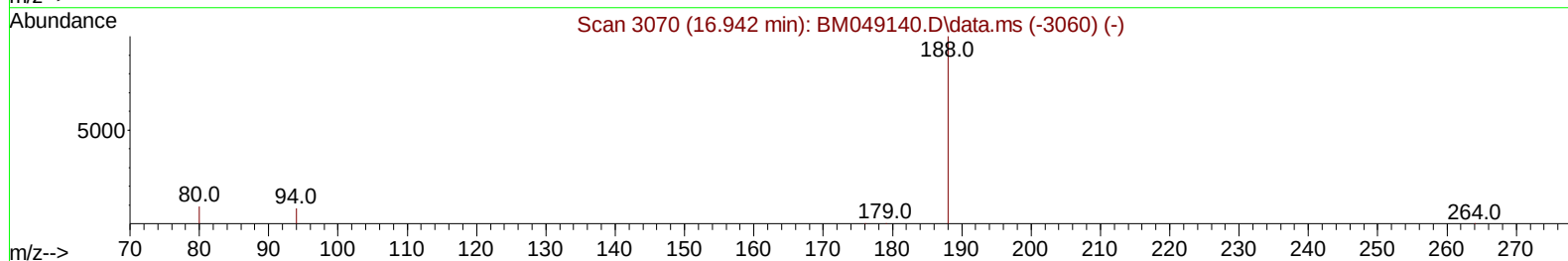
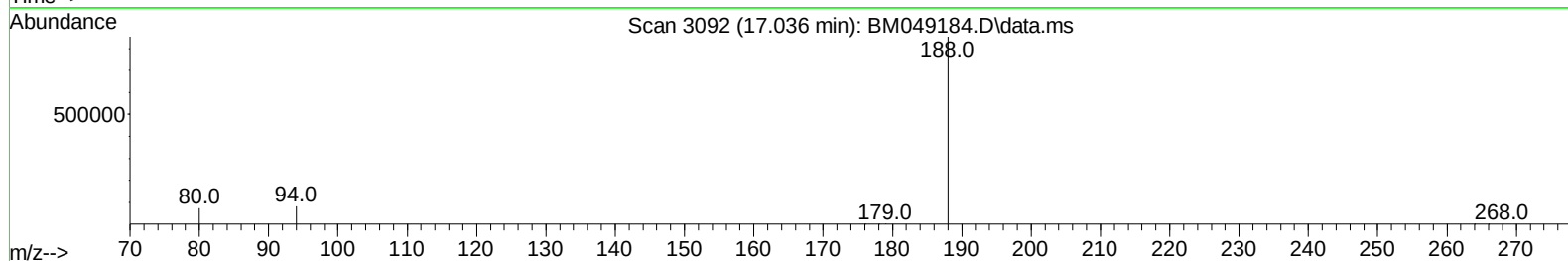
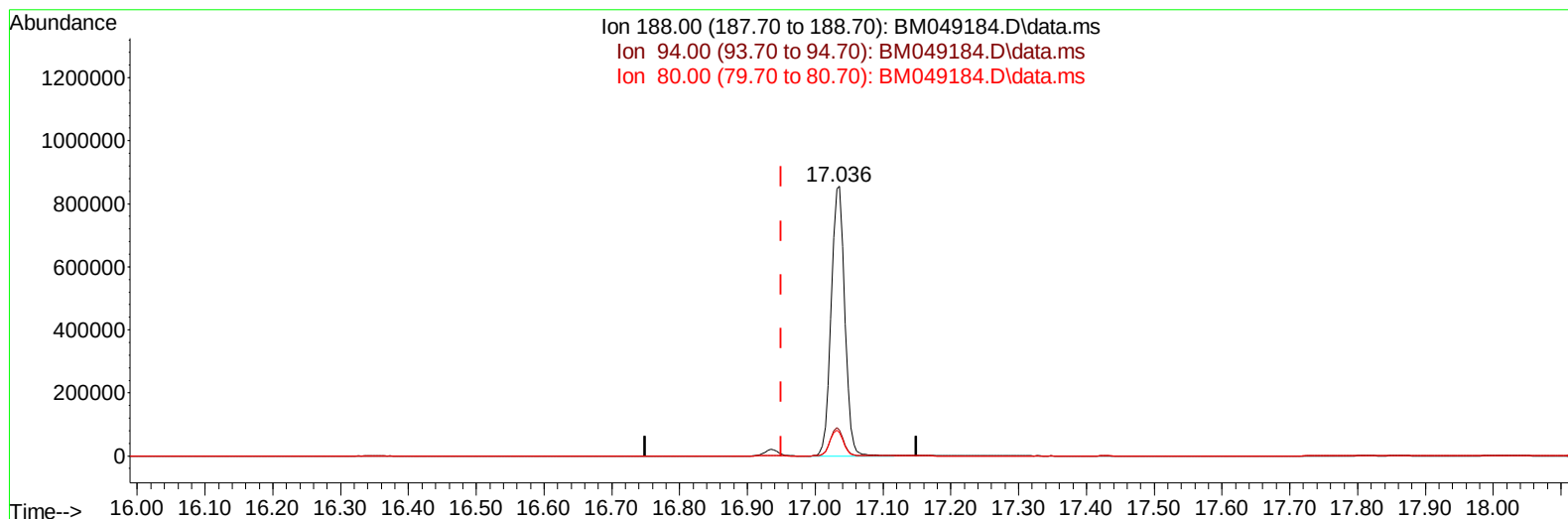
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(13) Phenanthrene-d10 (I)

17.036min (+ 0.086) 0.40 ng/u1

response 1181365

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.47
80.00	10.70	8.52#
0.00	0.00	0.00

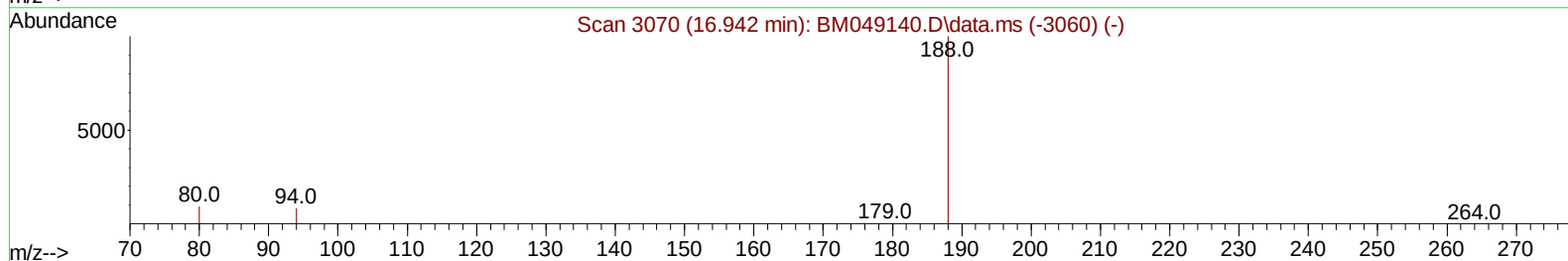
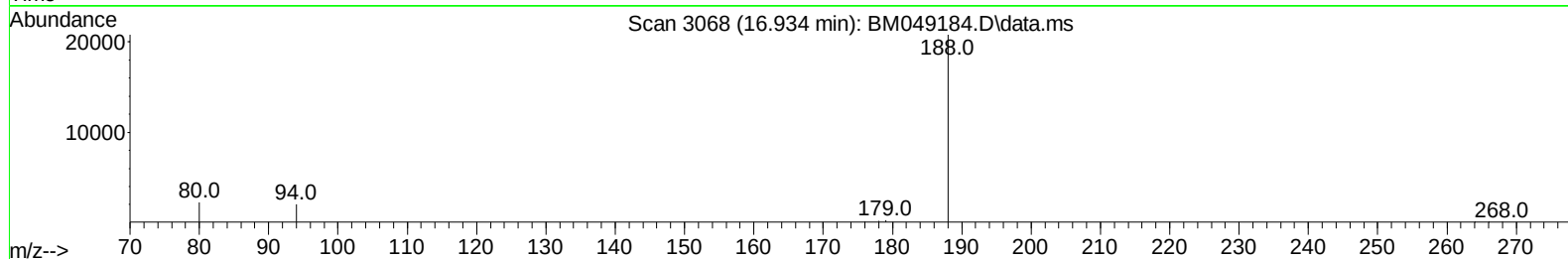
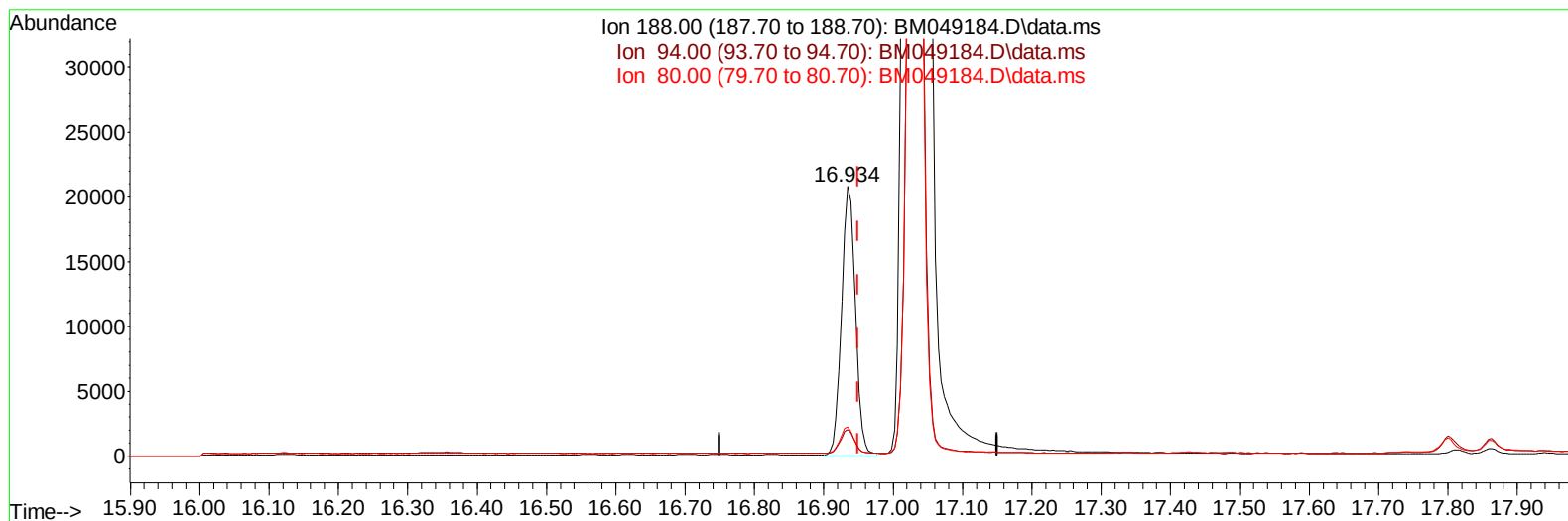
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(13) Phenanthrene-d10 (I)

16.934min (-0.016) 0.40 ng/ul m

response 28936

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.69
80.00	10.70	10.85
0.00	0.00	0.00

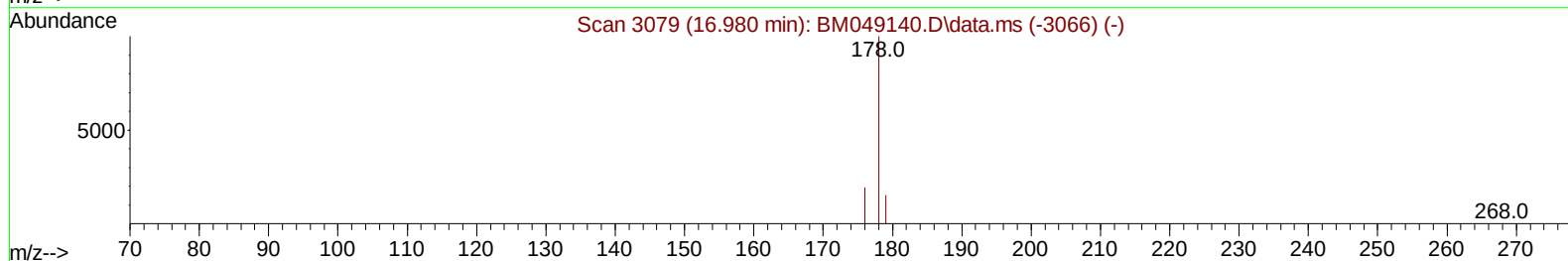
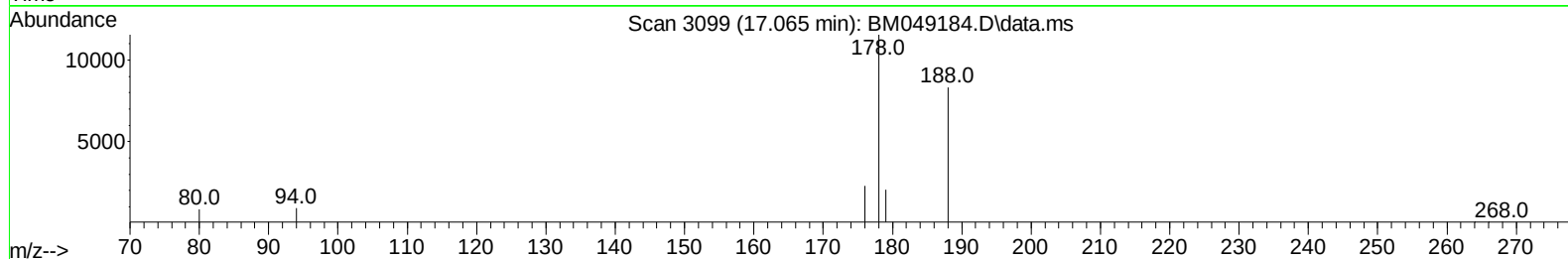
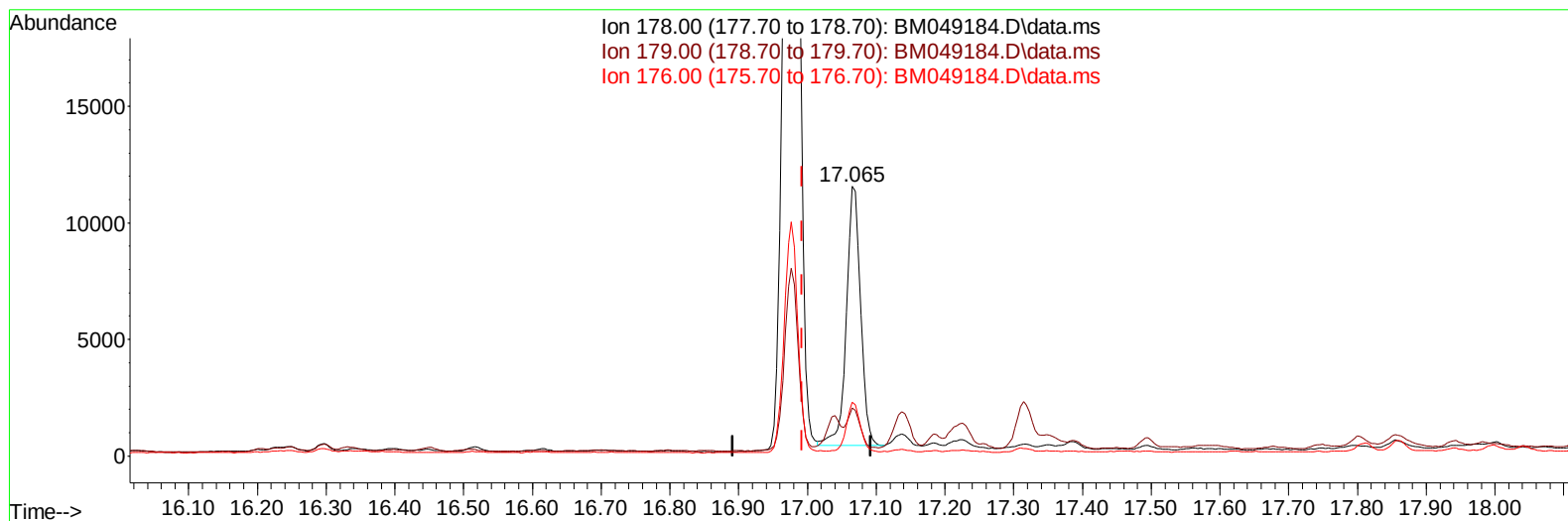
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(15) Phenanthrene

17.065min (+ 0.073) 0.21 ng/u1

response 16010

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.83
176.00	20.20	19.90
0.00	0.00	0.00

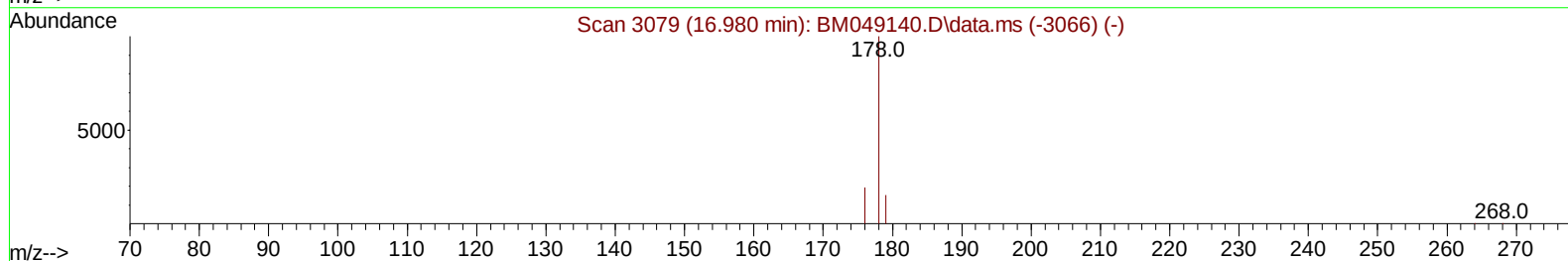
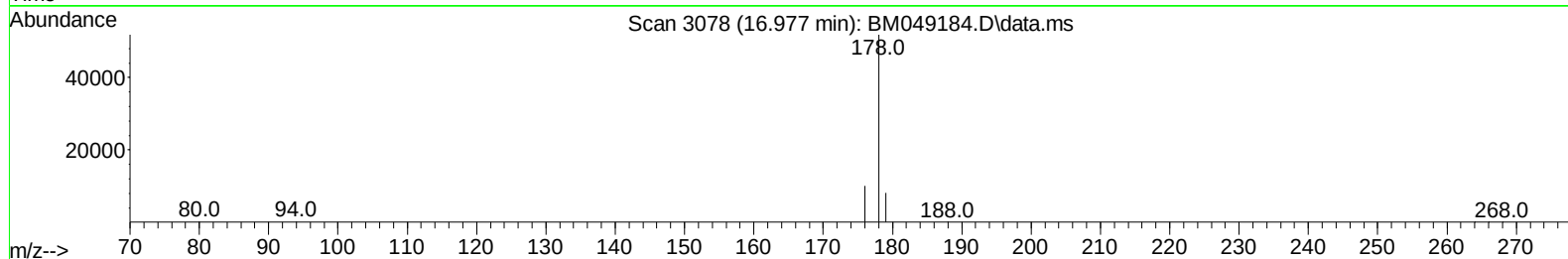
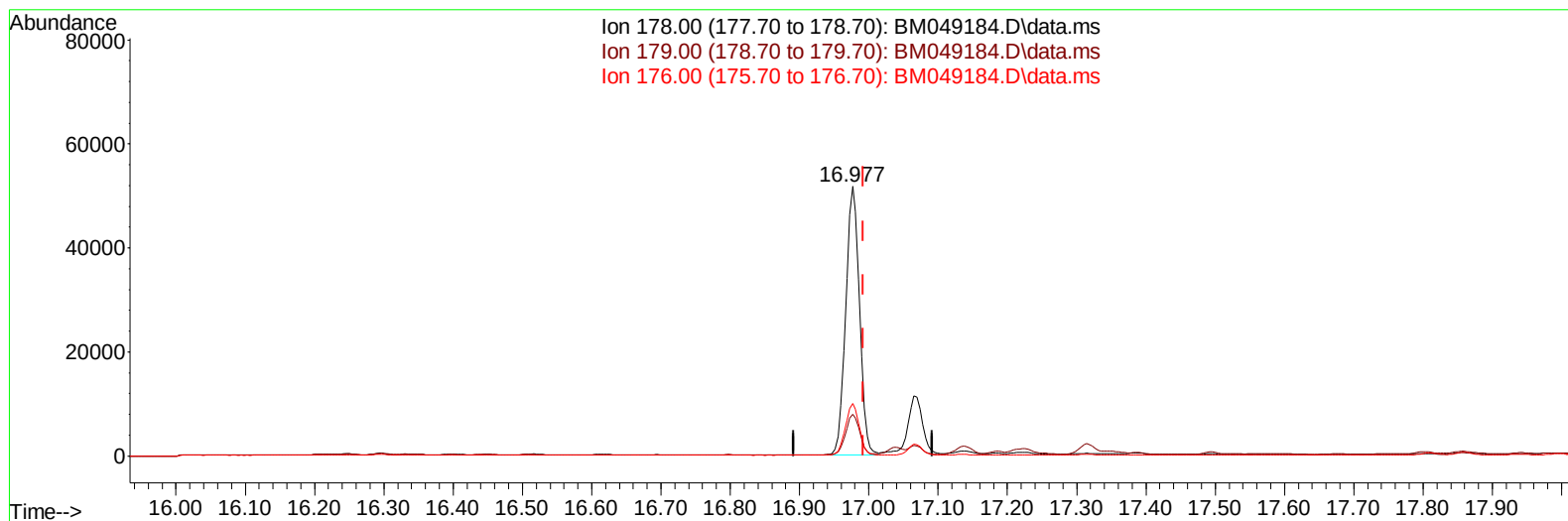
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(15) Phenanthrene

16.977min (-0.016) 0.94 ng/ul m

response 71263

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.56
176.00	20.20	19.36
0.00	0.00	0.00

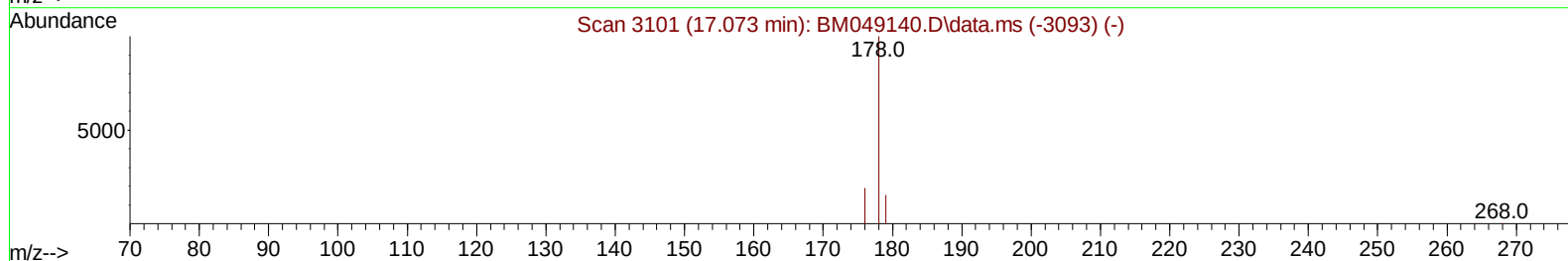
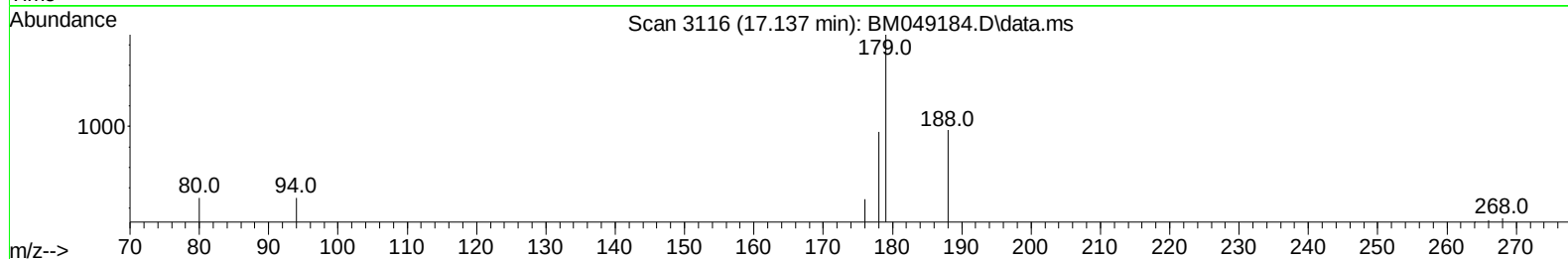
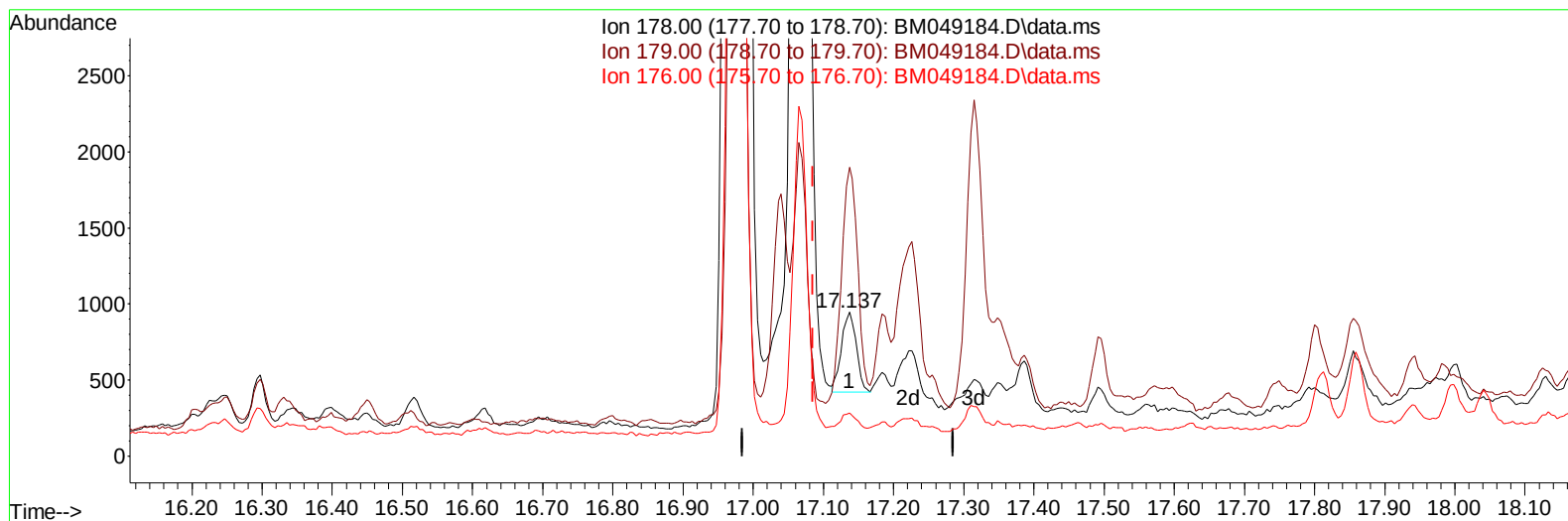
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(16) Anthracene

17.137min (+ 0.052) 0.01 ng/u l

response 776

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	201.16#
176.00	19.10	30.05#
0.00	0.00	0.00

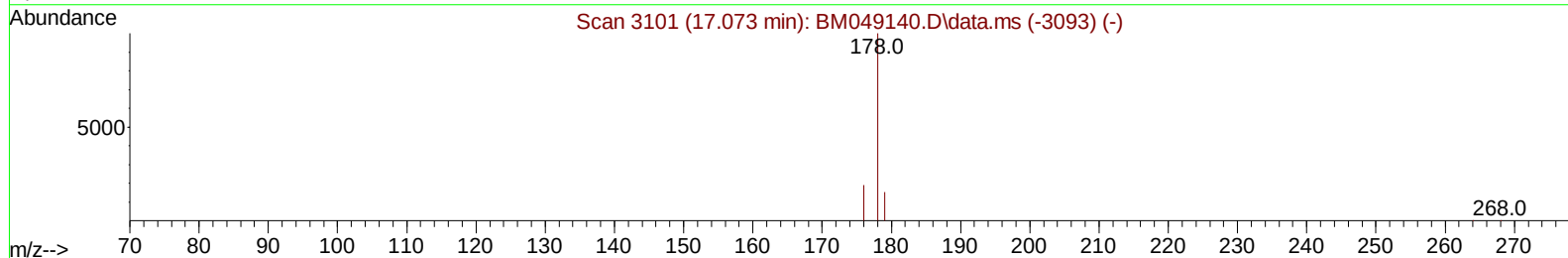
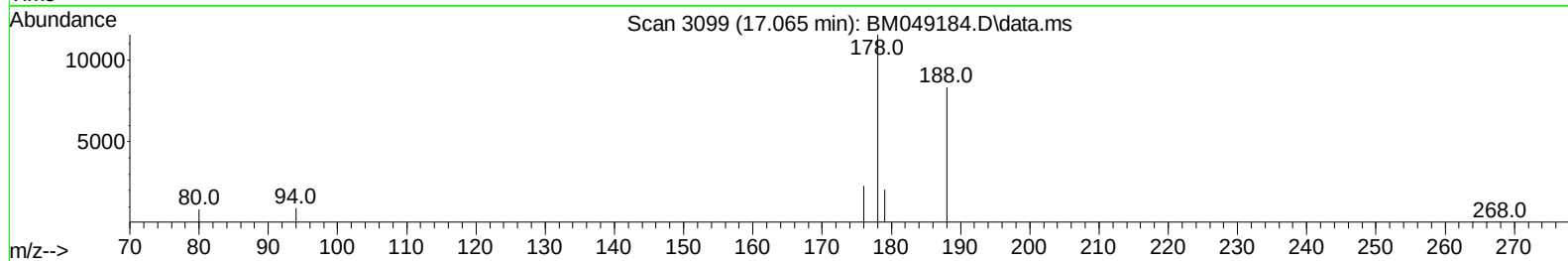
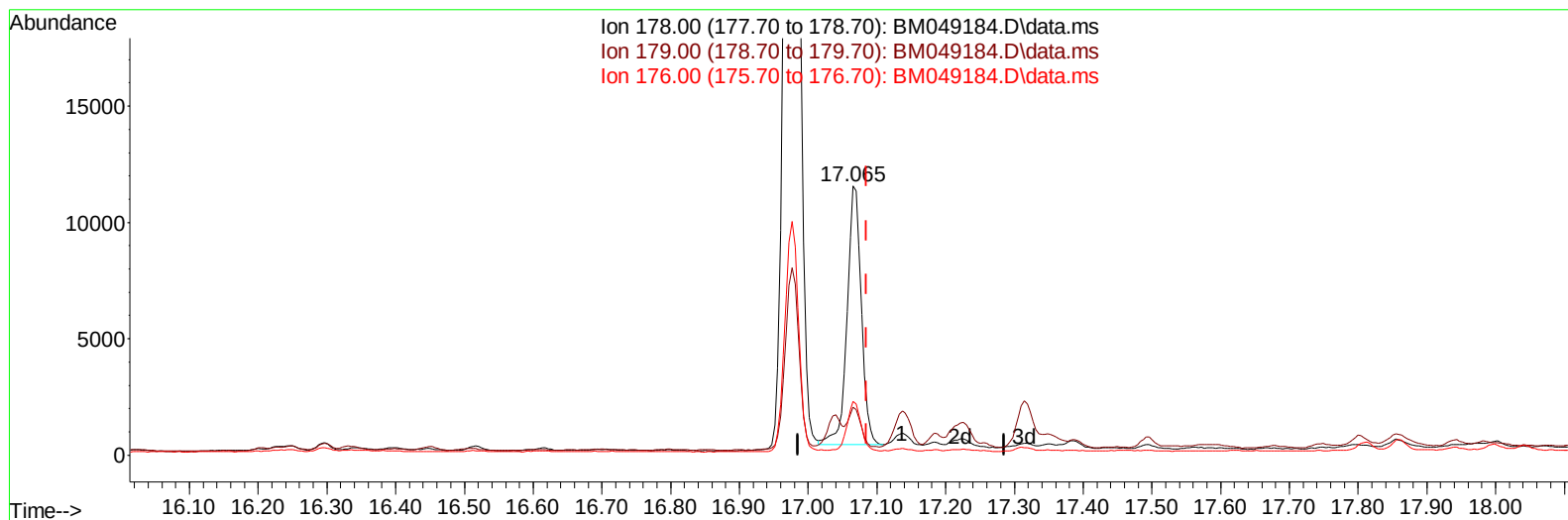
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(16) Anthracene

17.065min (-0.020) 0.23 ng/ul m

response 16061

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	17.83
176.00	19.10	19.90
0.00	0.00	0.00

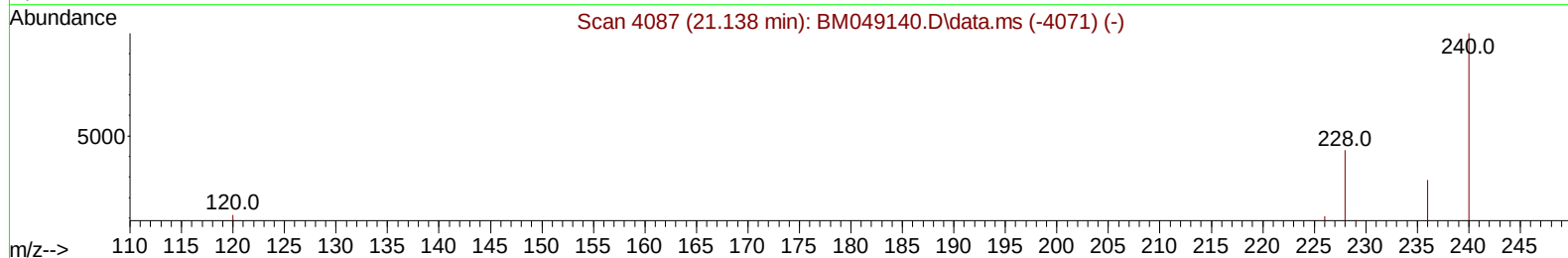
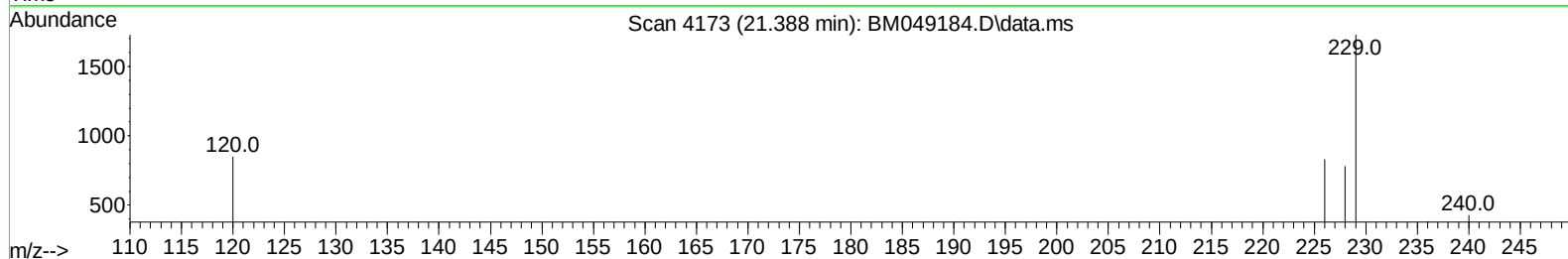
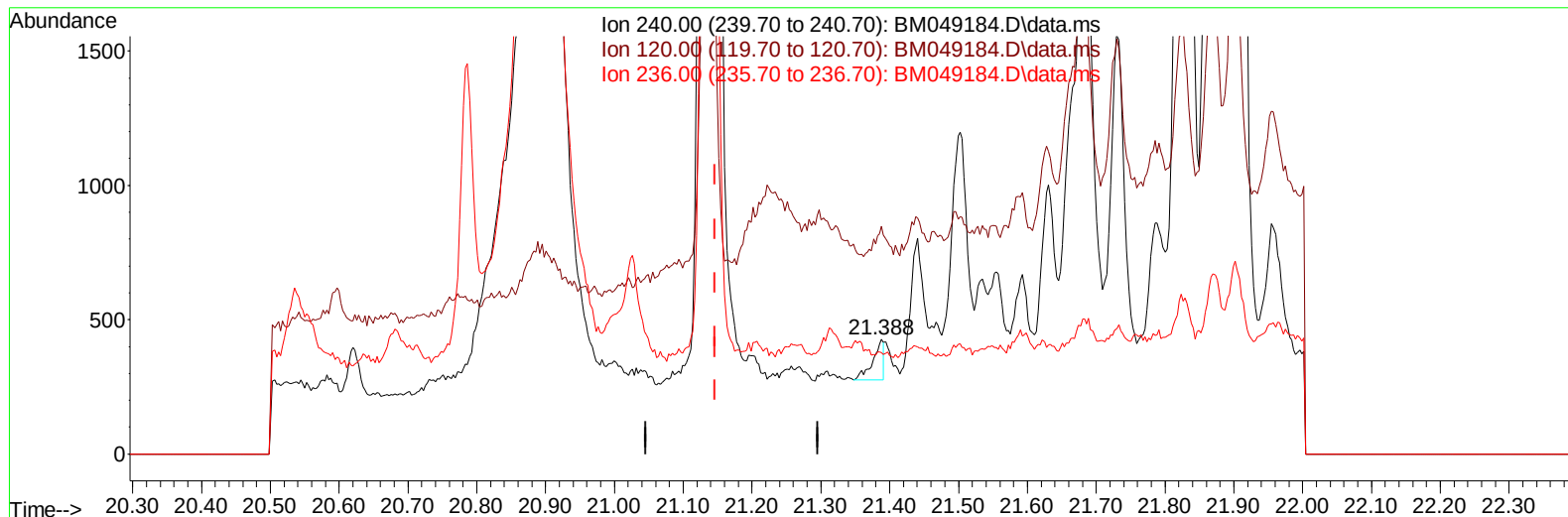
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(17) Chrysene-d12

21.388min (+ 0.242) 0.40 ng/u1

response 169

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	198.59#
236.00	29.80	88.52#
0.00	0.00	0.00

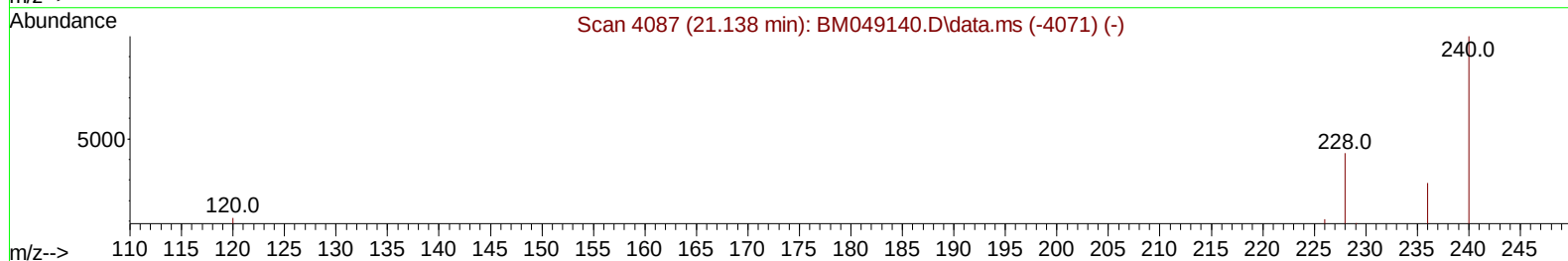
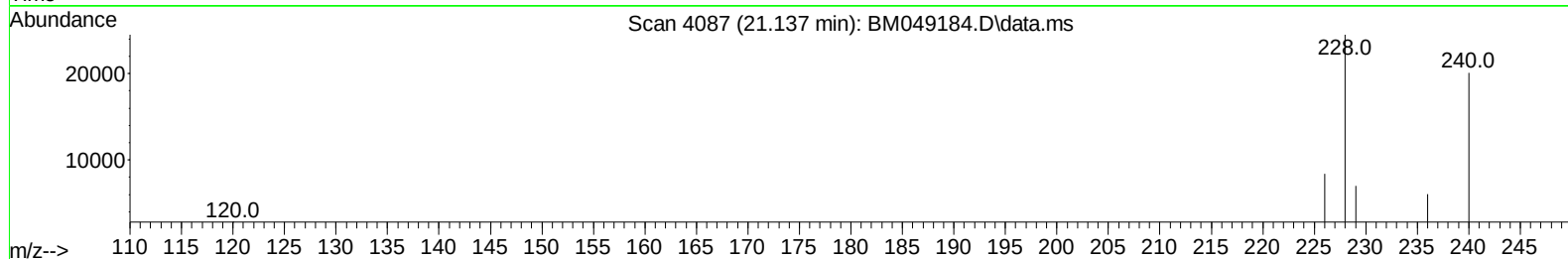
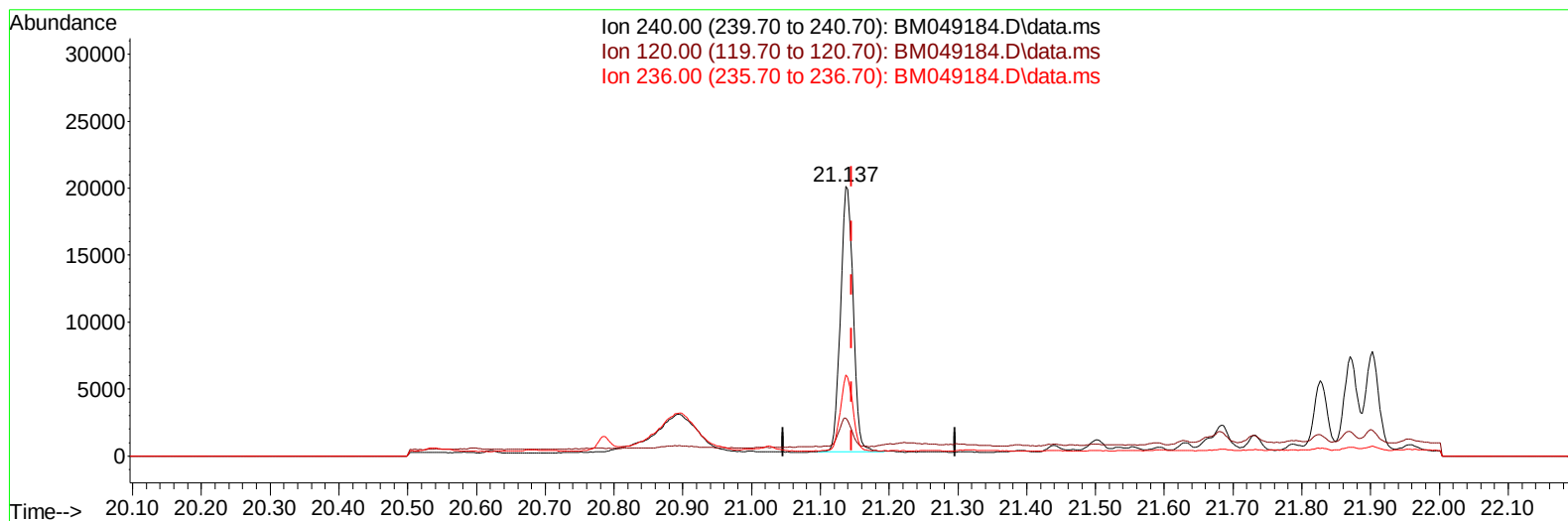
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(17) Chrysene-d12

21.137min (-0.009) 0.40 ng/ul m

response 25383

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	13.98
236.00	29.80	30.01
0.00	0.00	0.00

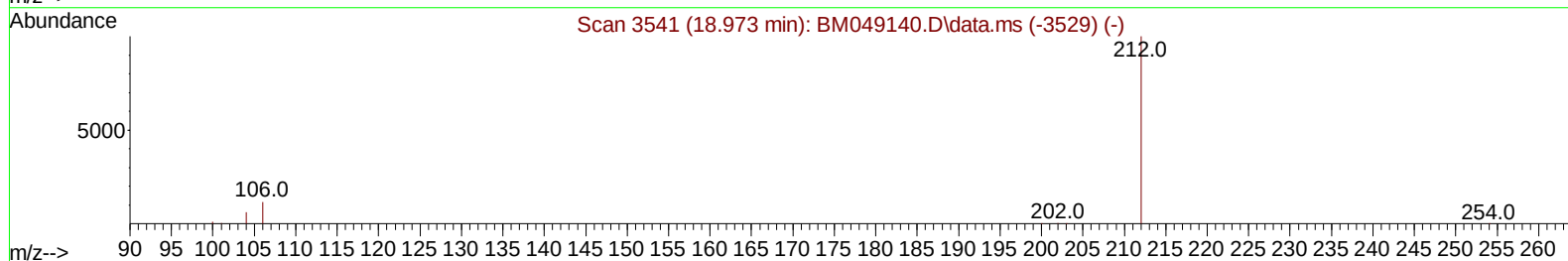
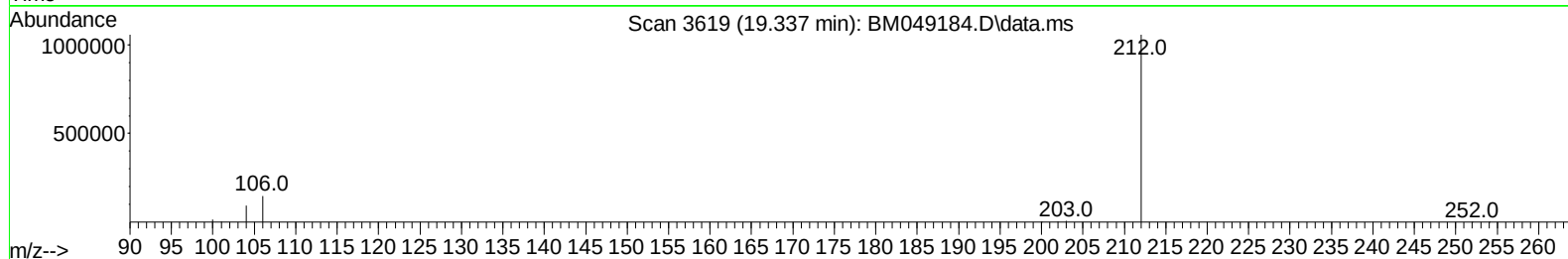
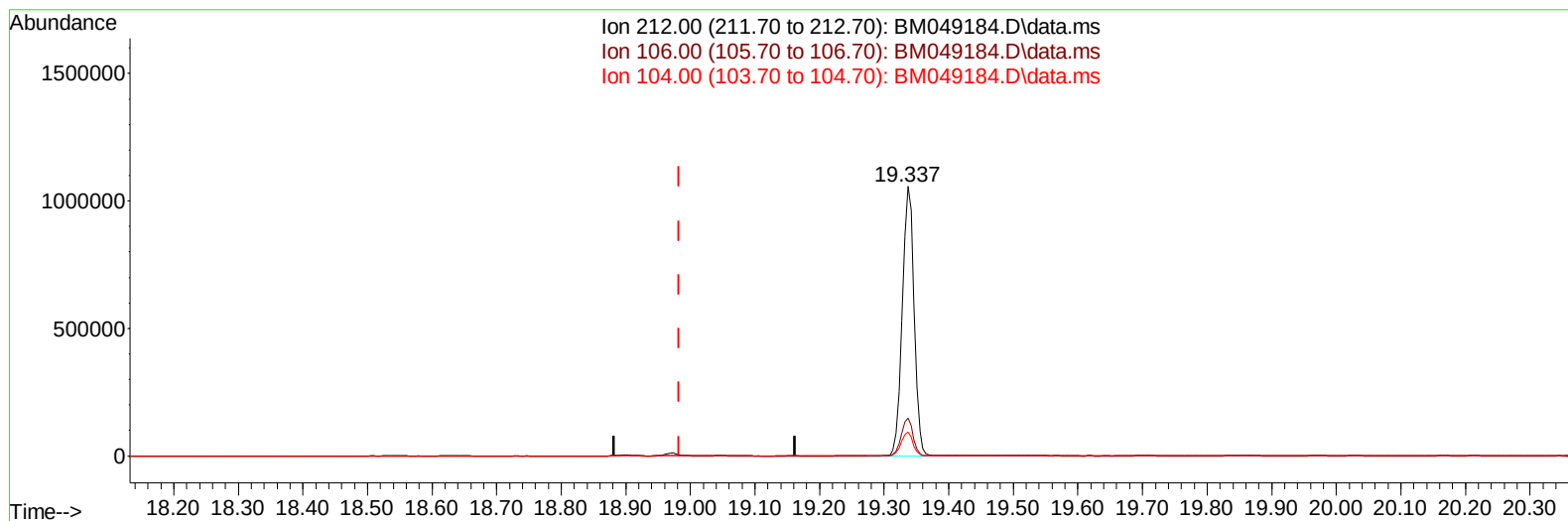
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.337min (+ 0.355) 18.52 ng/u1

response 1333956

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	13.86
104.00	6.50	8.72#
0.00	0.00	0.00

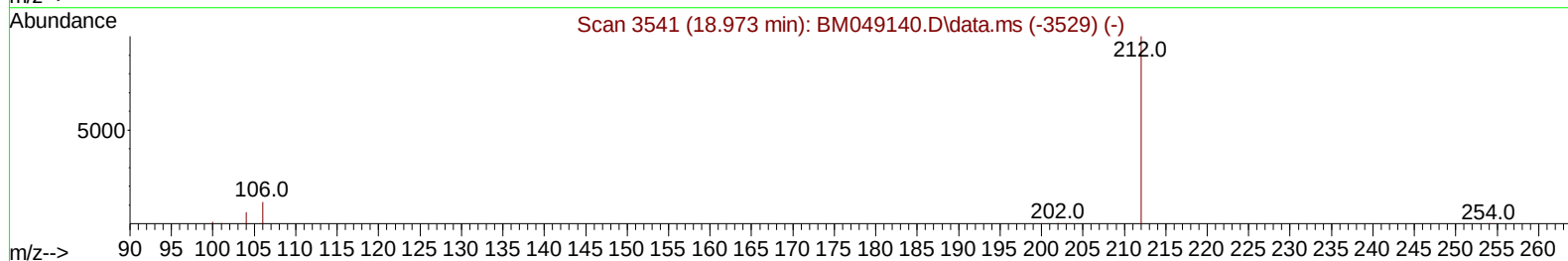
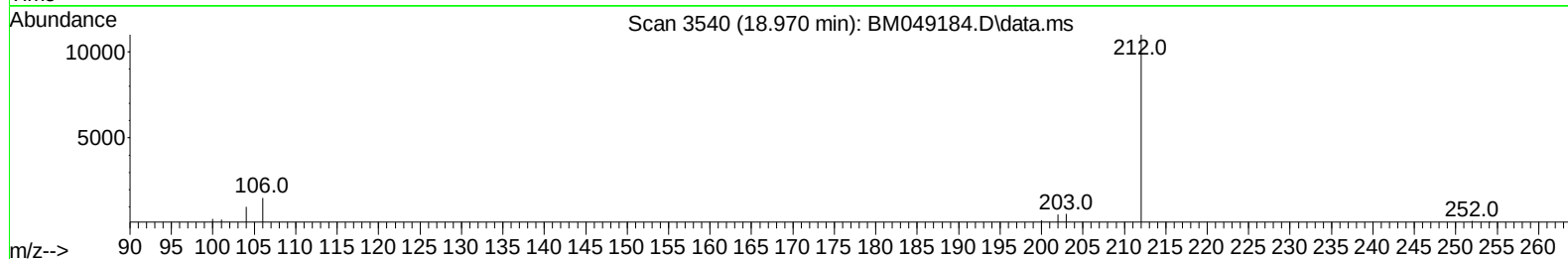
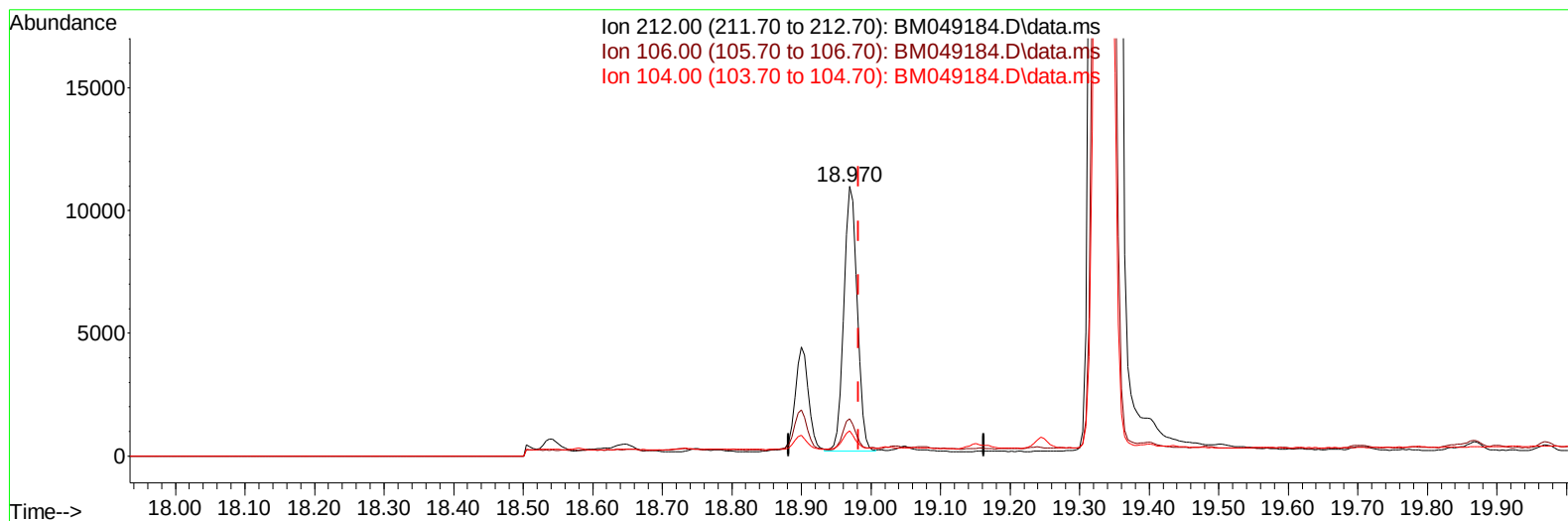
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.970min (-0.013) 0.20 ng/ul m

response 14377

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	1285.62#
104.00	6.50	808.86#
0.00	0.00	0.00

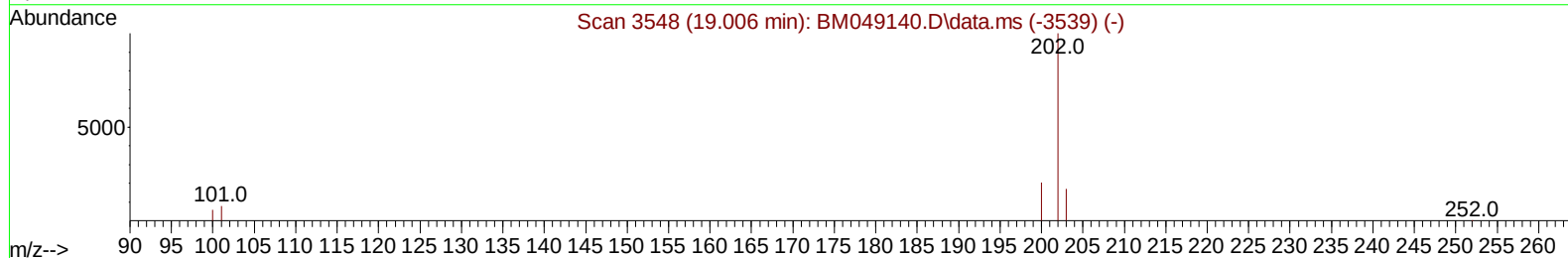
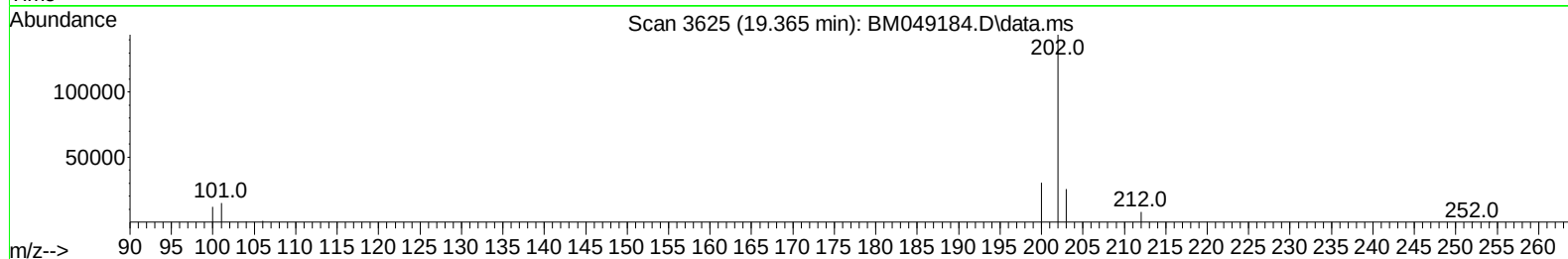
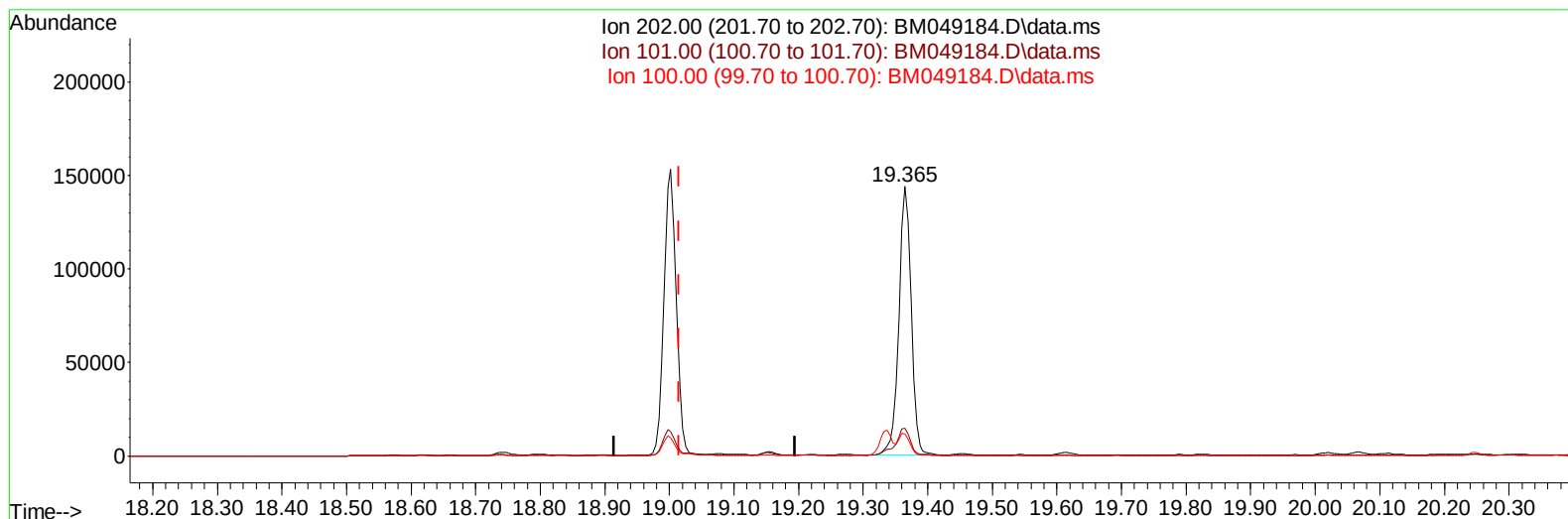
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(19) Fluoranthene (C)

19.365min (+ 0.350) 2.07 ng/u1

response 189996

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	10.38
100.00	6.90	8.22
0.00	0.00	0.00

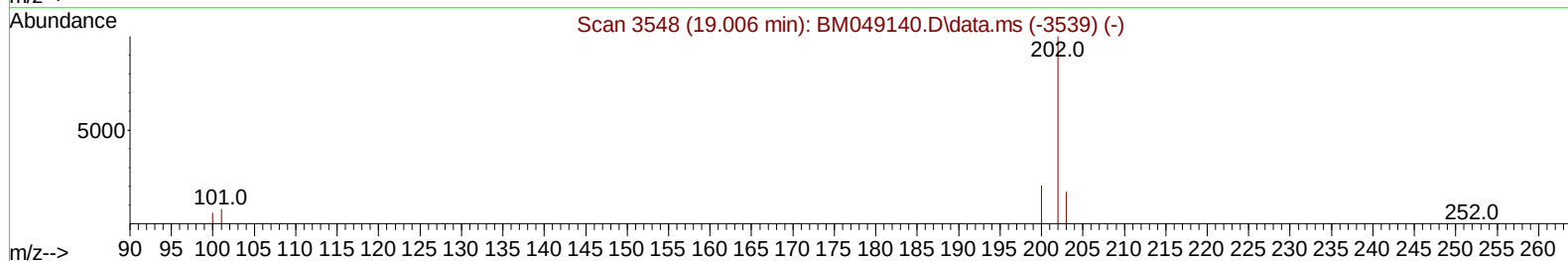
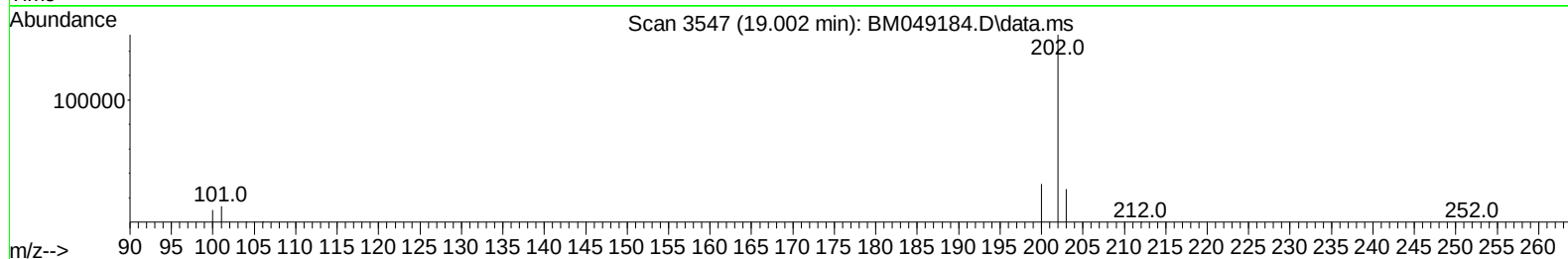
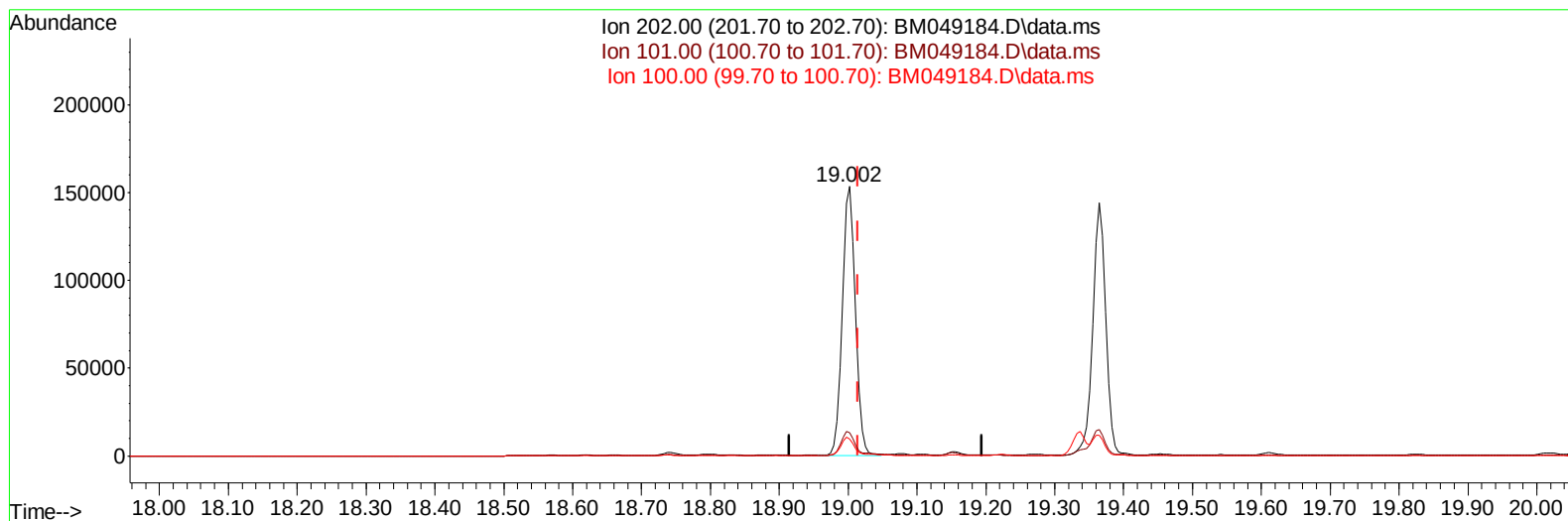
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(19) Fluoranthene (C)

19.002min (-0.013) 2.21 ng/ul m

response 202796

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	8.61
100.00	6.90	6.38
0.00	0.00	0.00

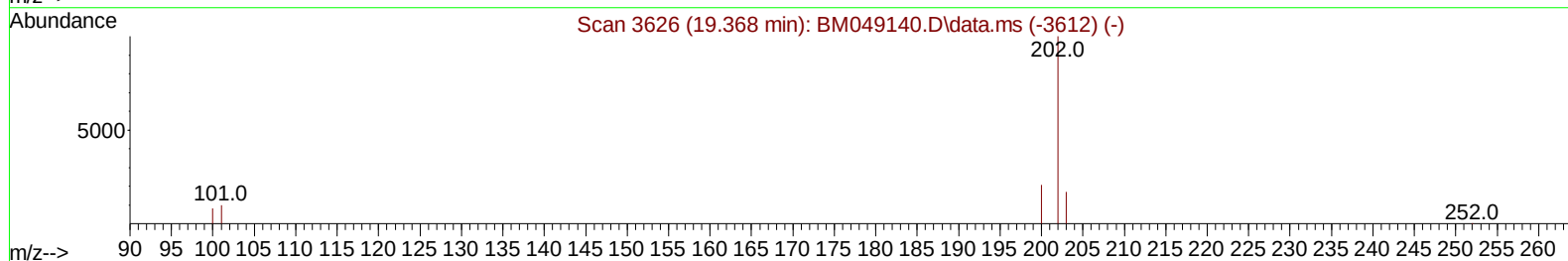
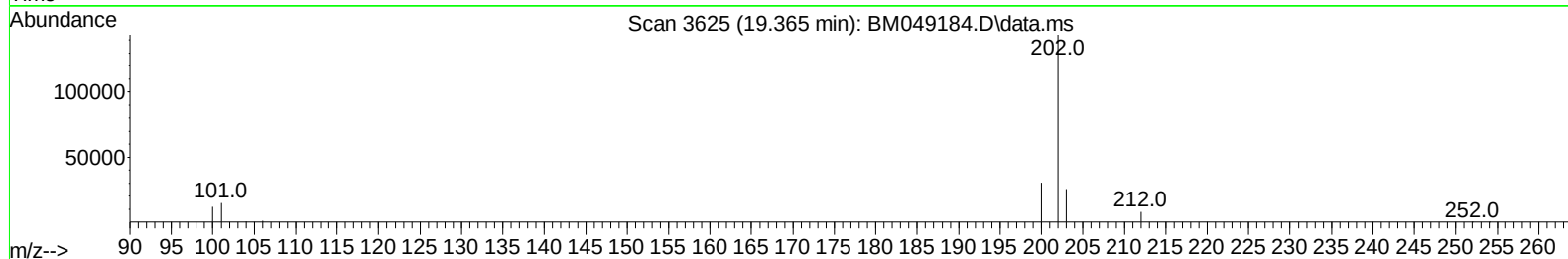
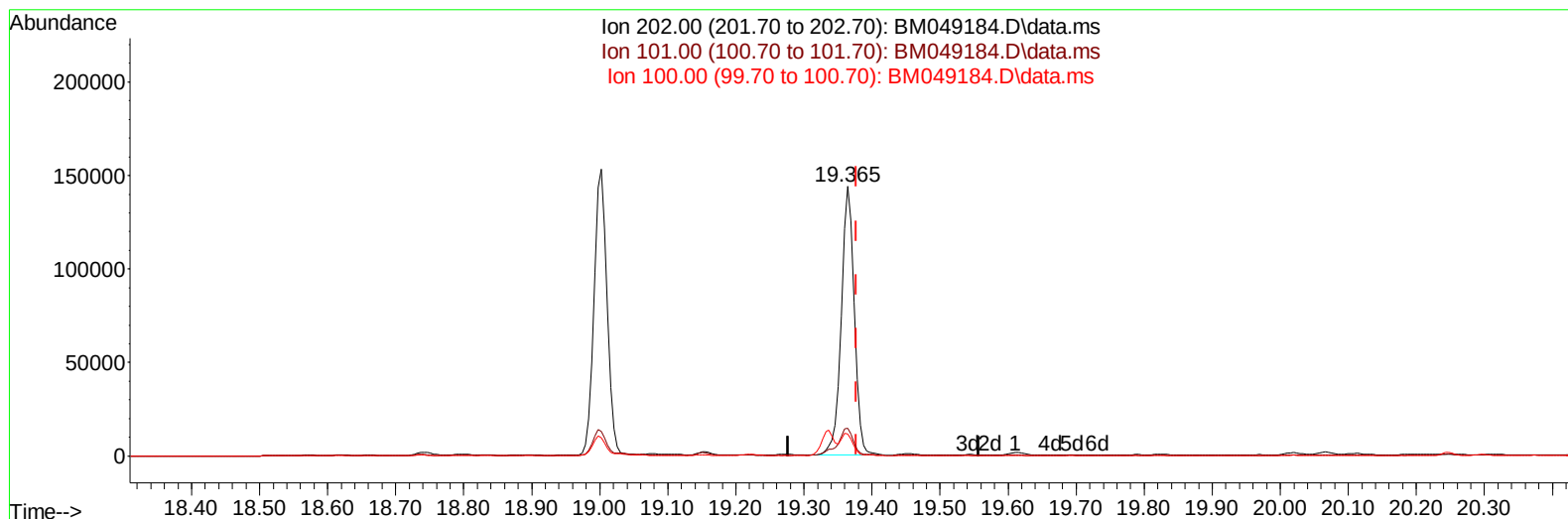
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(20) Pyrene

19.365min (-0.013) 1.95 ng/ul m

response 190926

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	10.38
100.00	8.60	8.22
0.00	0.00	0.00

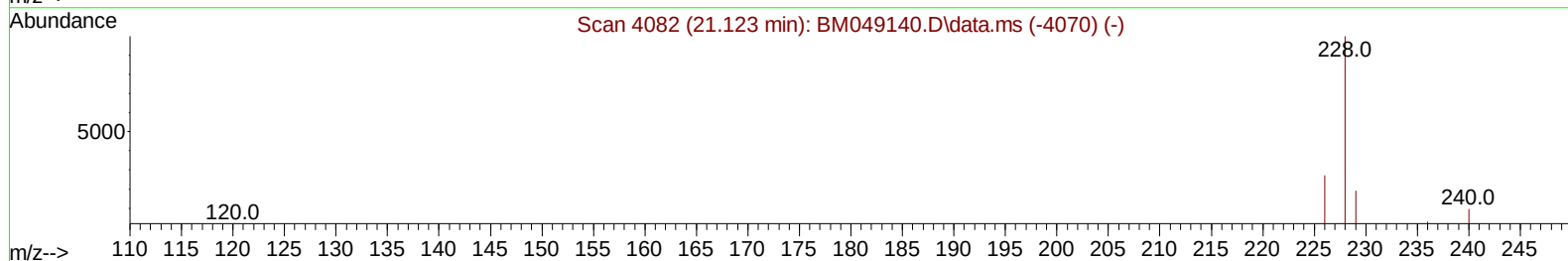
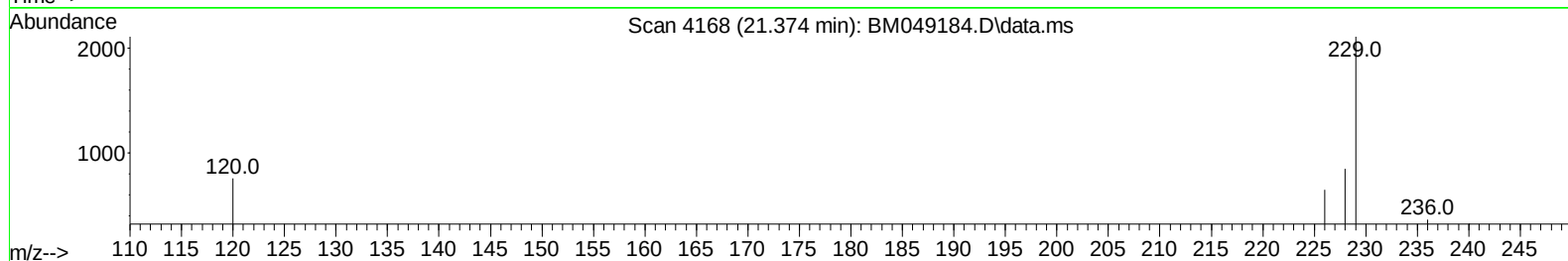
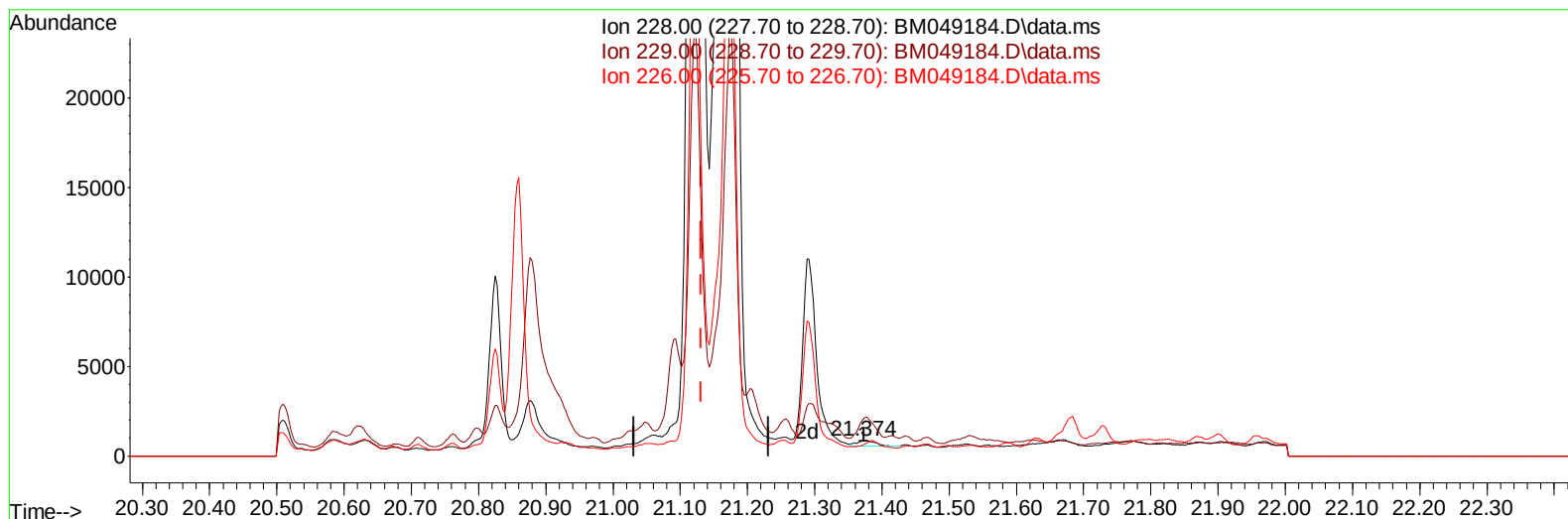
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(21) Benzo(a)anthracene

21.374min (+ 0.242) 0.01 ng/u1

response 624

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	247.42#
226.00	28.30	76.29#
0.00	0.00	0.00

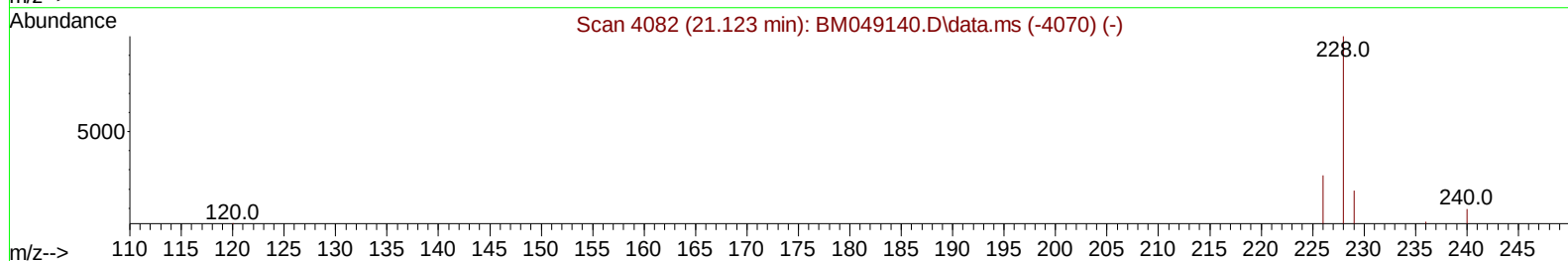
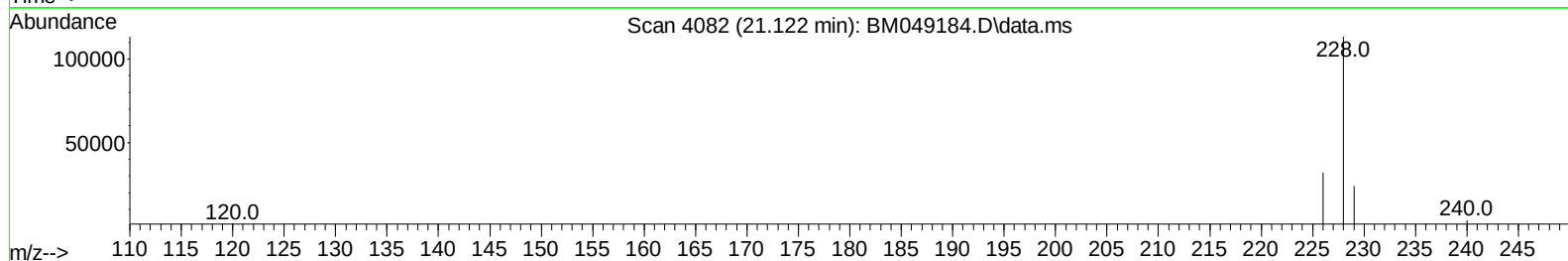
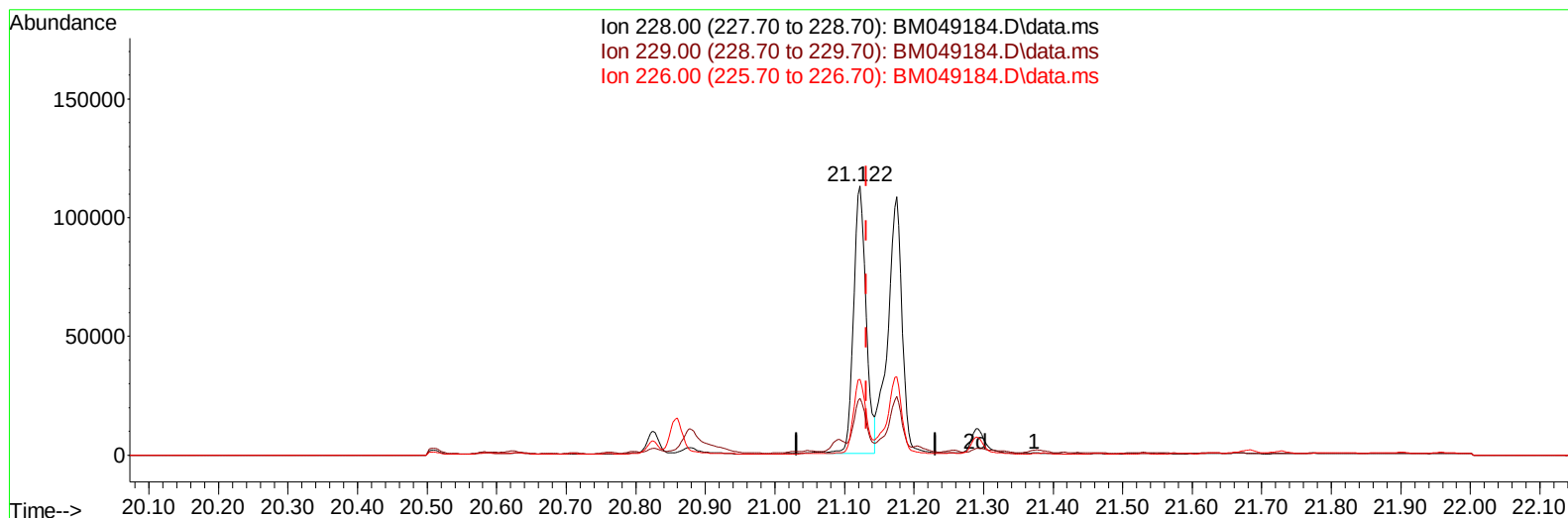
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(21) Benzo(a)anthracene

21.122min (-0.009) 1.59 ng/ul m

response 140176

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	21.20
226.00	28.30	28.14
0.00	0.00	0.00

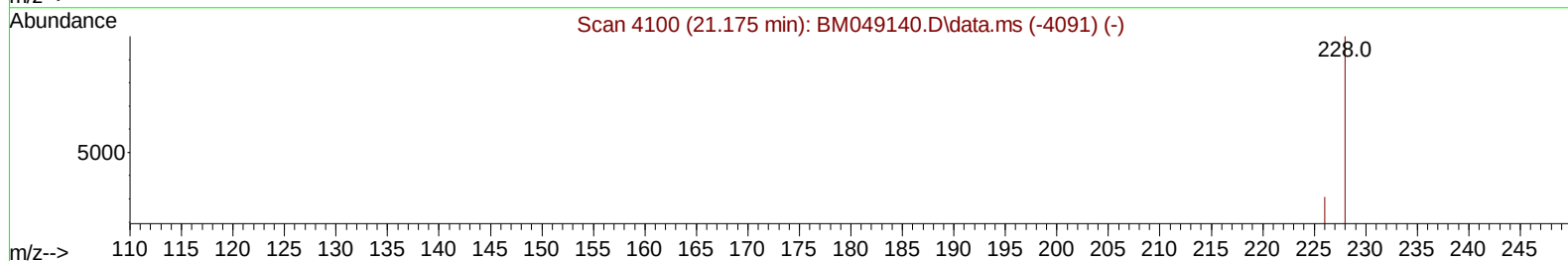
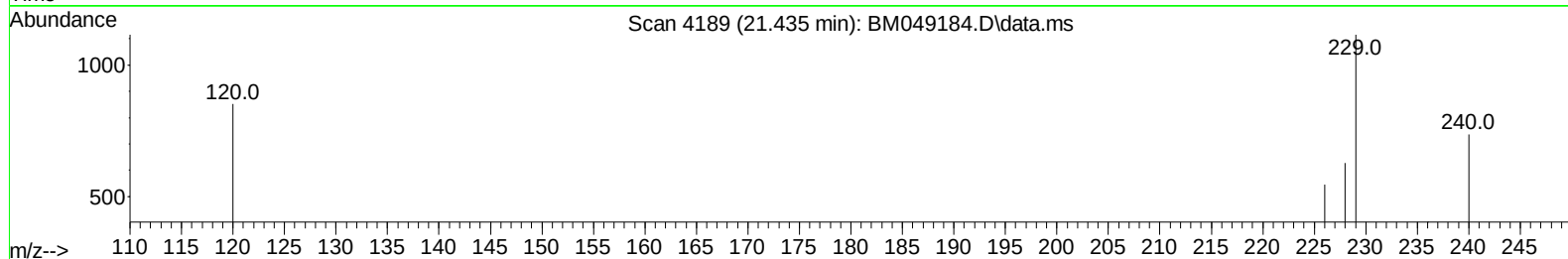
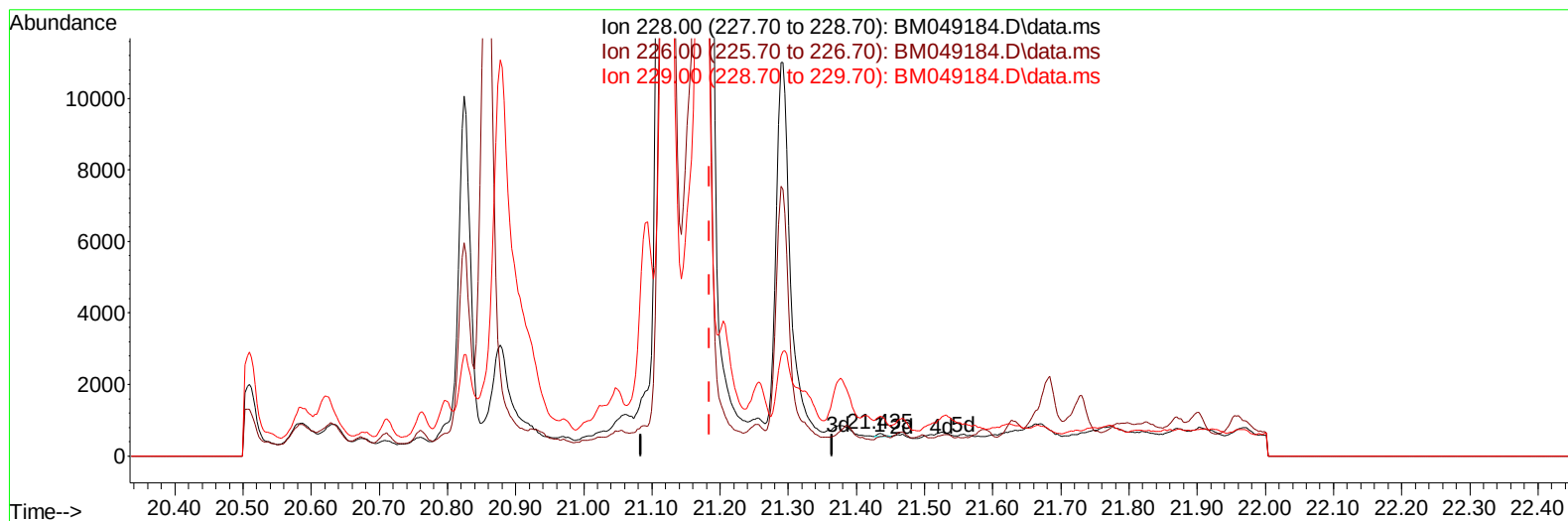
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(22) Chrysene

21.435min (+ 0.251) 0.00 ng/u1

response 57

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	87.08#
229.00	19.80	177.83#
0.00	0.00	0.00

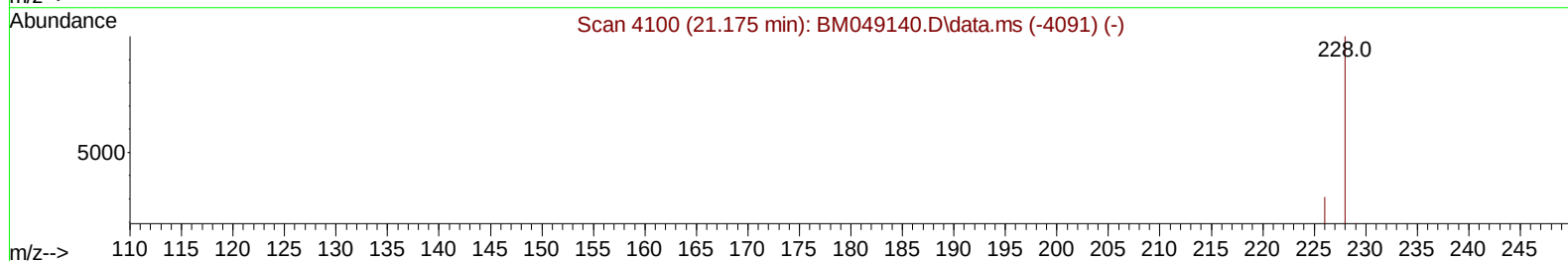
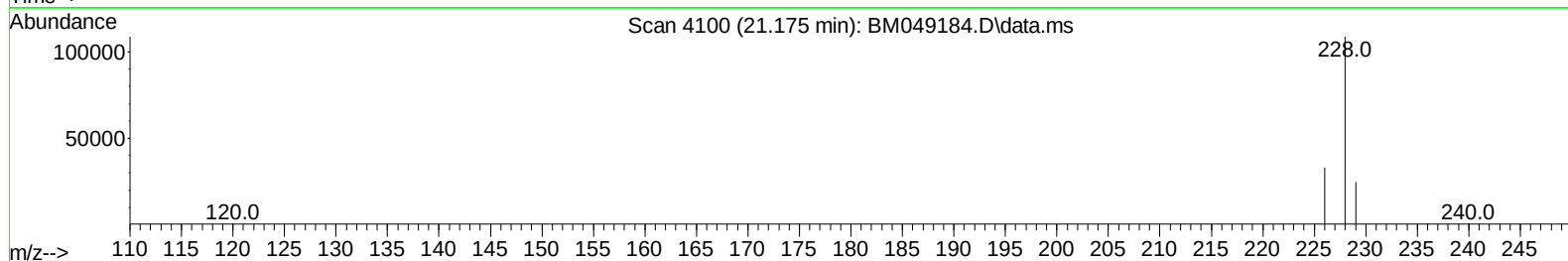
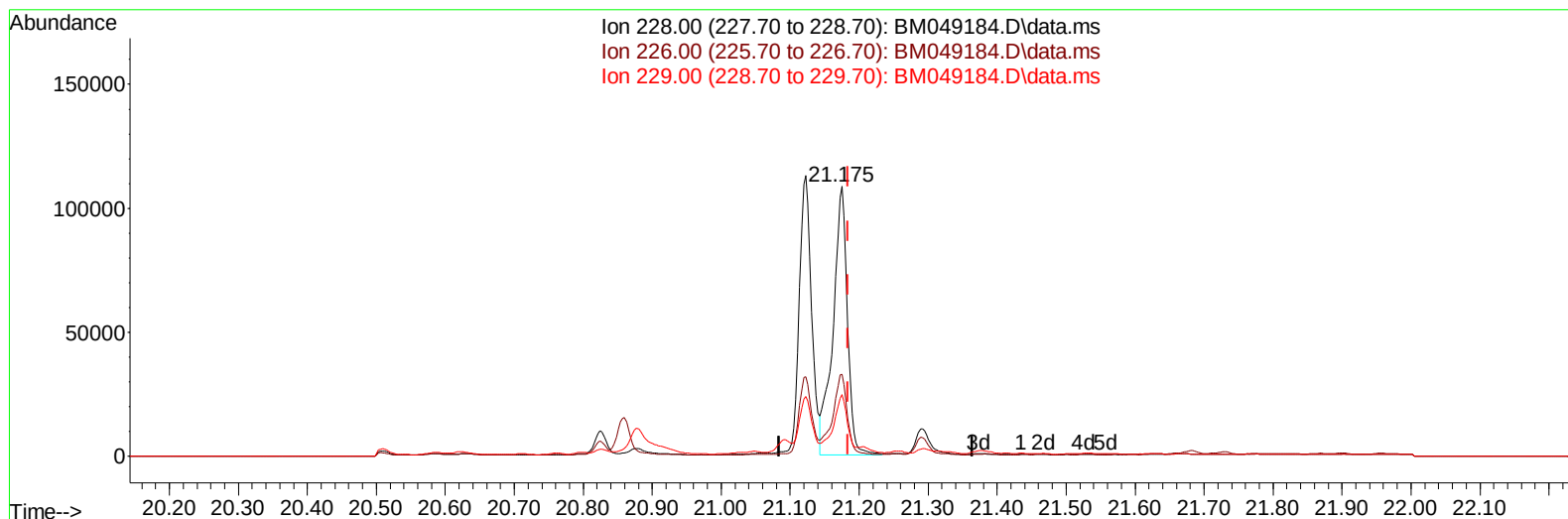
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(22) Chrysene

21.175min (-0.009) 1.67 ng/ul m

response 158172

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	30.42
229.00	19.80	22.76
0.00	0.00	0.00

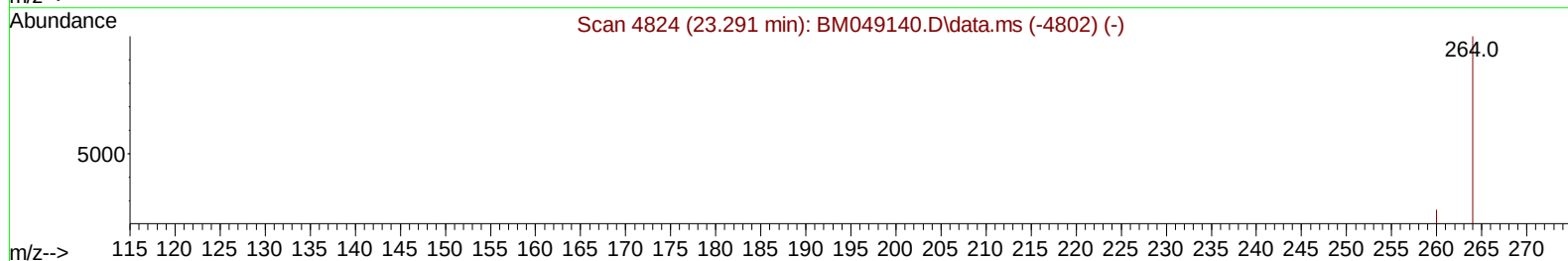
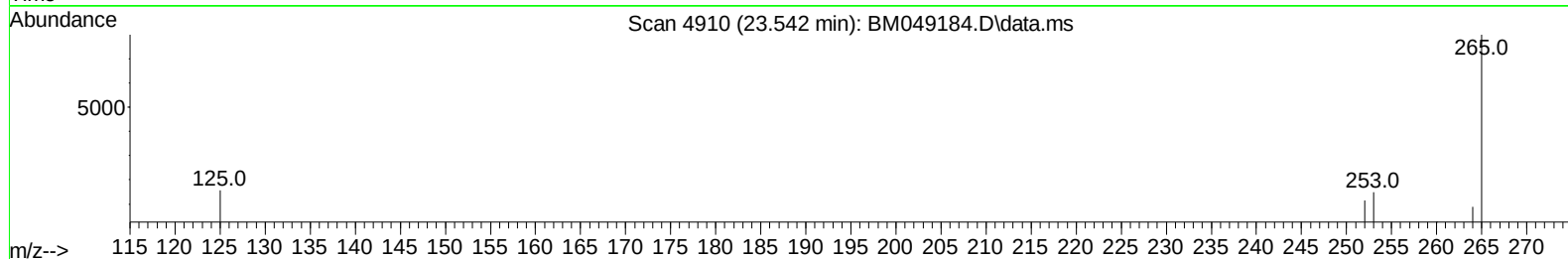
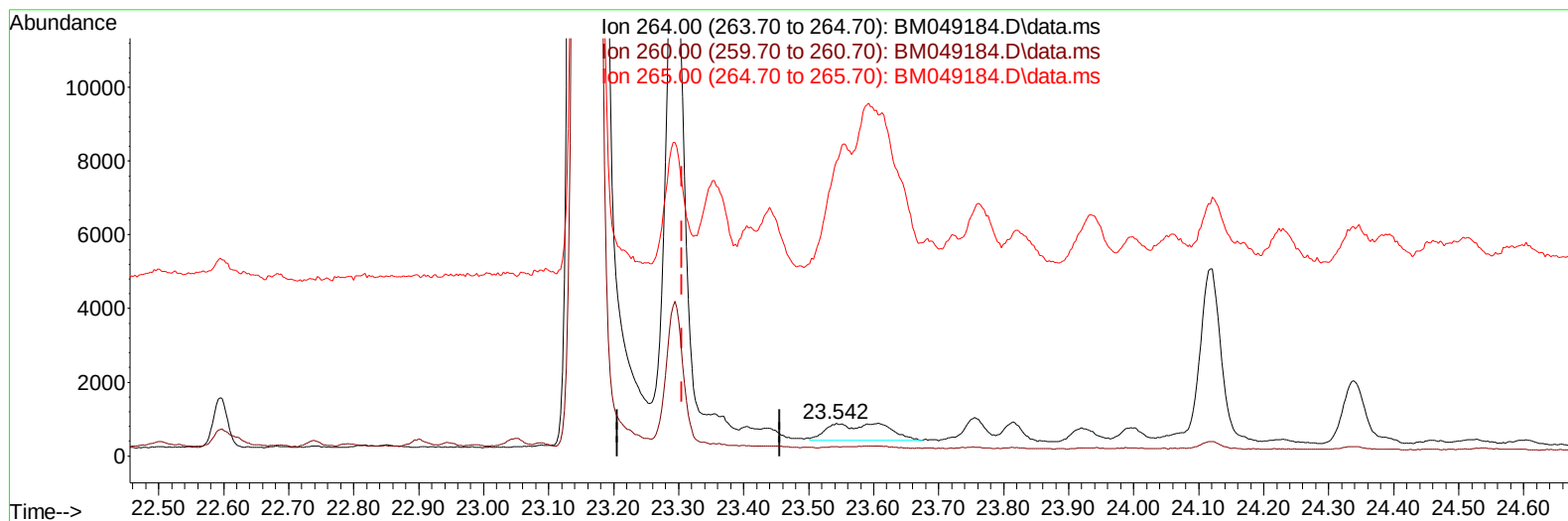
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(23) Perylene-d12 (I)

23.542min (+ 0.236) 0.40 ng/u1

response 2942

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	28.70
265.00	78.30	902.82#
0.00	0.00	0.00

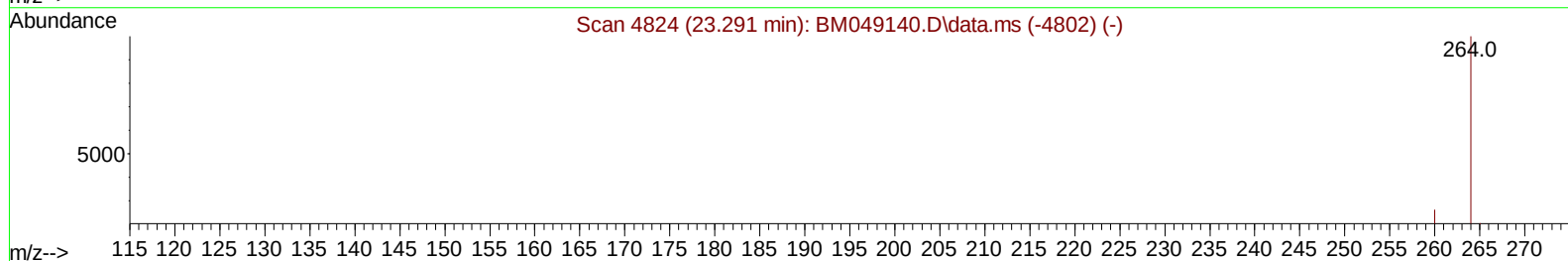
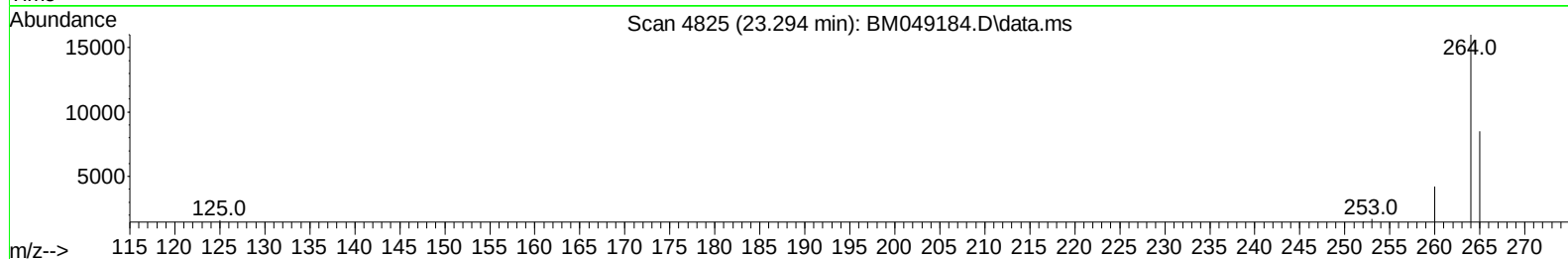
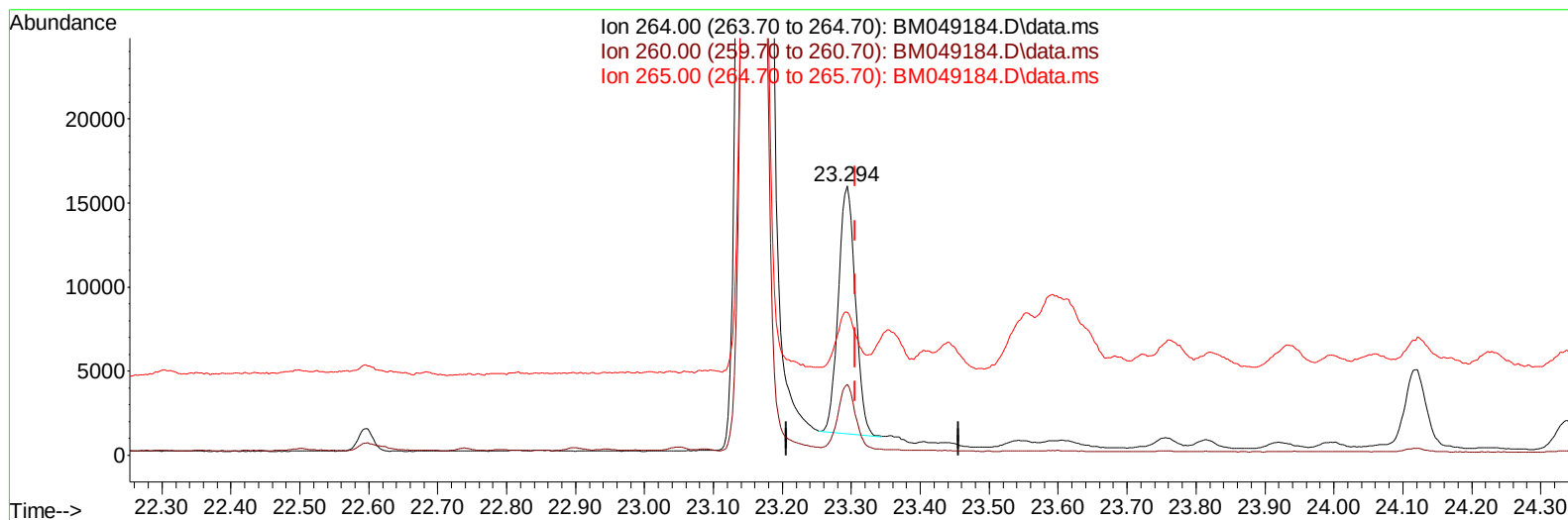
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Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(23) Perylene-d12 (I)

23.294min (-0.012) 0.40 ng/ul m

response 25411

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.26
265.00	78.30	53.20#
0.00	0.00	0.00

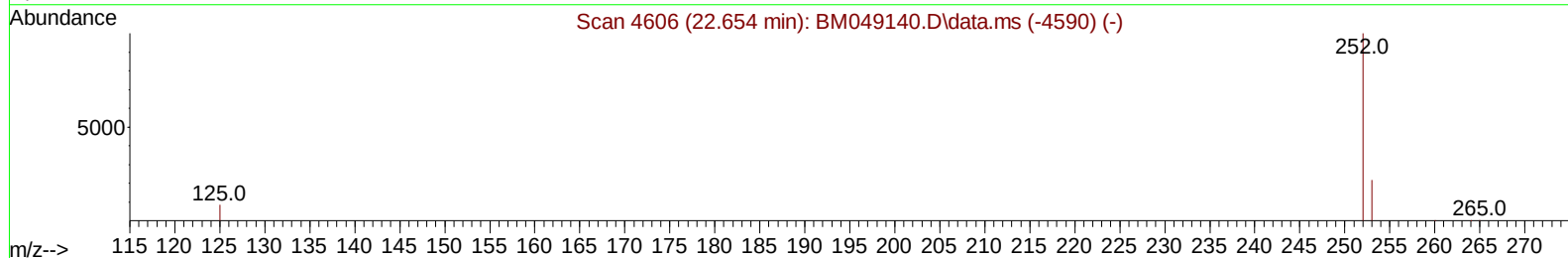
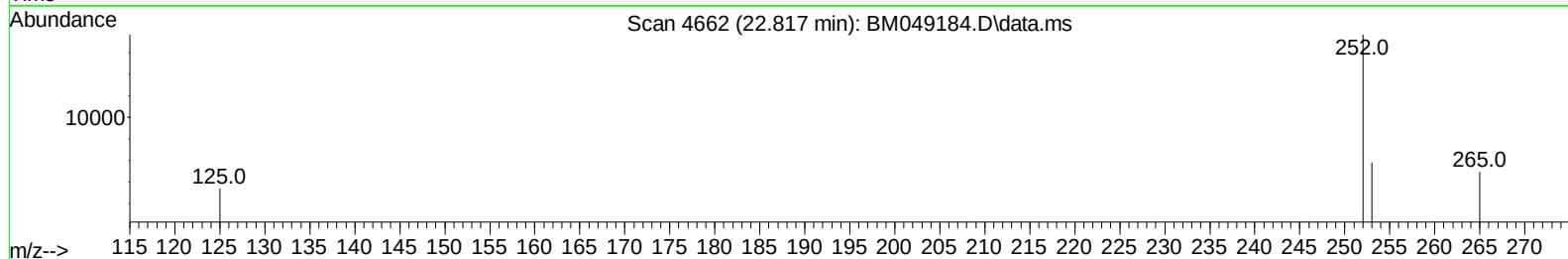
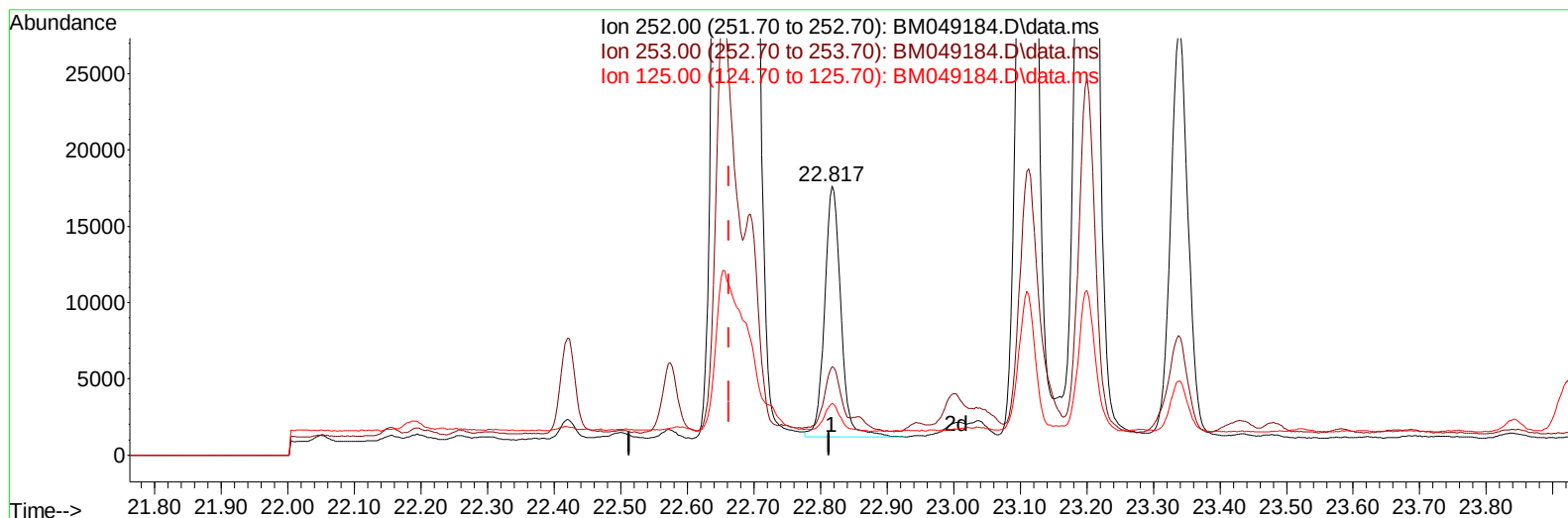
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(24) Benzo(b)fluoranthene

22.817min (+ 0.155) 0.35 ng/u1

response 28236

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	32.99
125.00	15.40	19.32
0.00	0.00	0.00

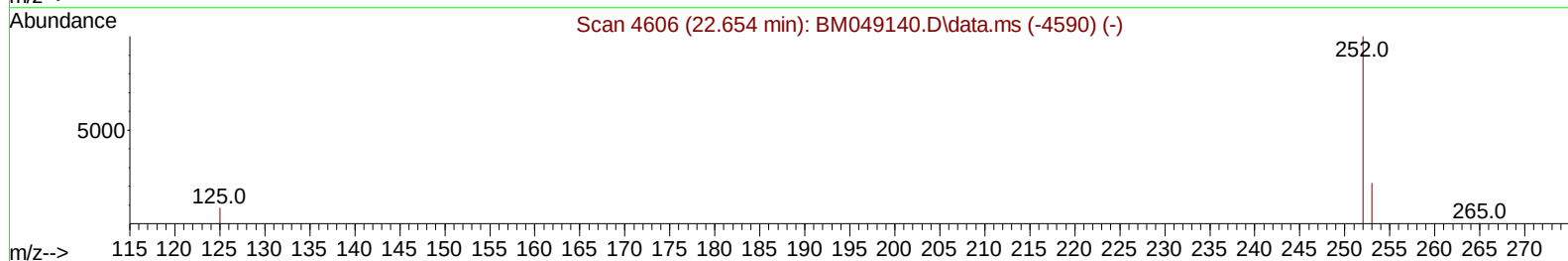
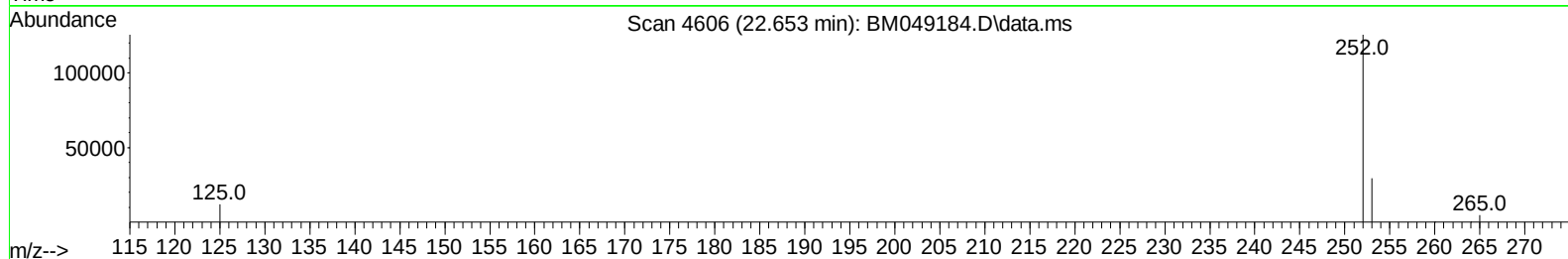
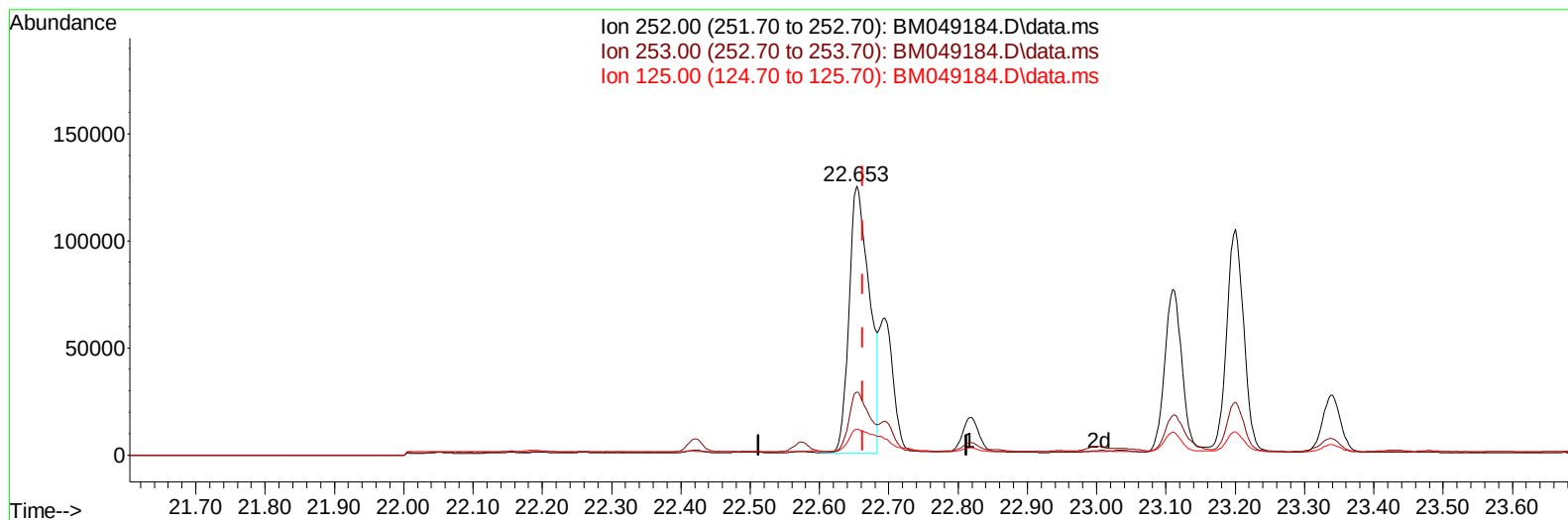
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(24) Benzo(b)fluoranthene

22.653min (-0.009) 3.13 ng/ul m

response 254496

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	23.49
125.00	15.40	9.64
0.00	0.00	0.00

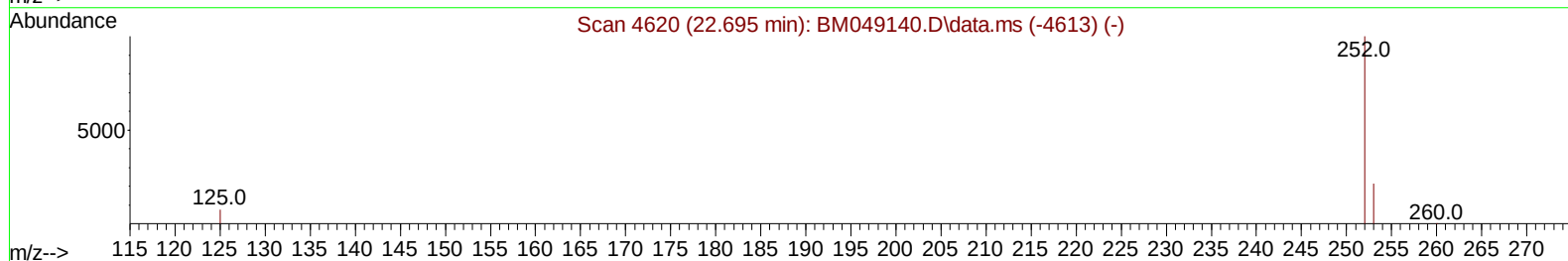
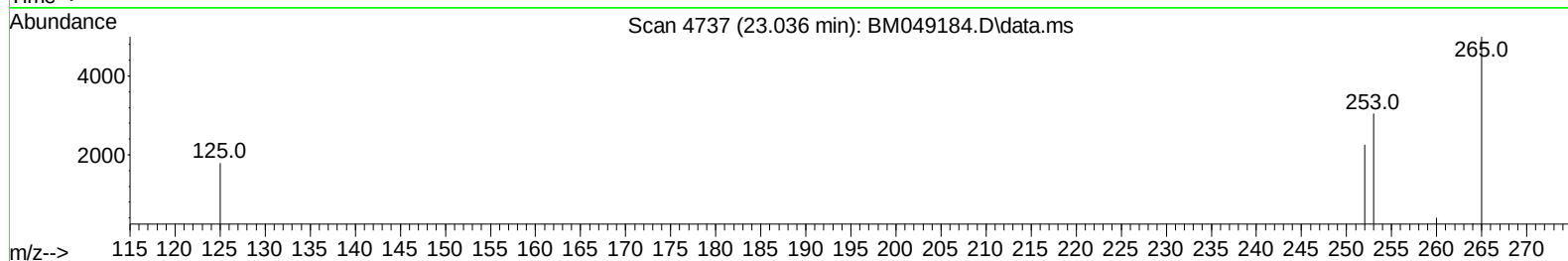
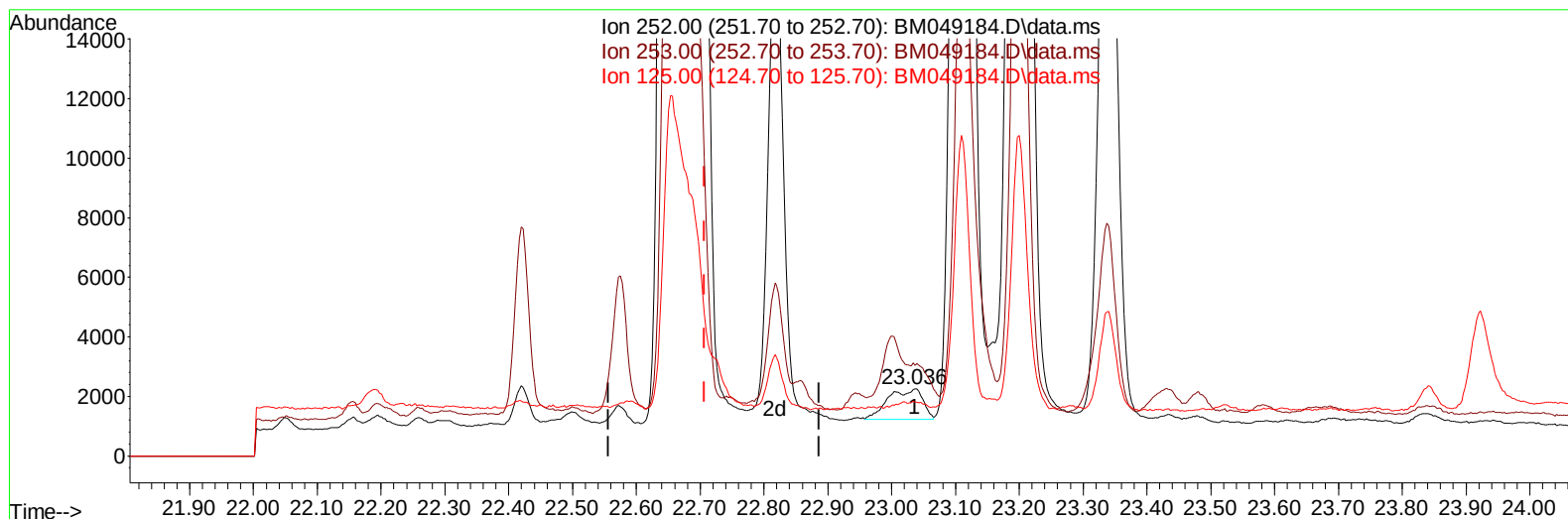
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(25) Benzo(k)fluoranthene

23.036min (+ 0.330) 0.04 ng/u1

response 3820

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	134.96#
125.00	15.70	79.66#
0.00	0.00	0.00

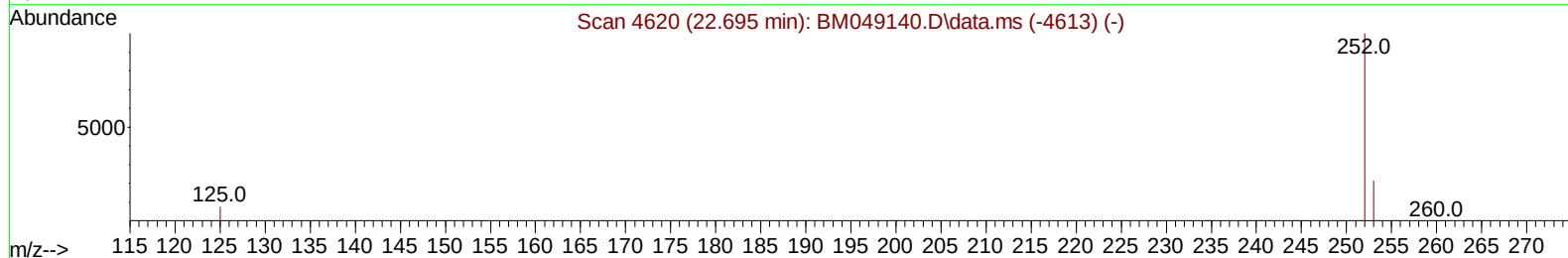
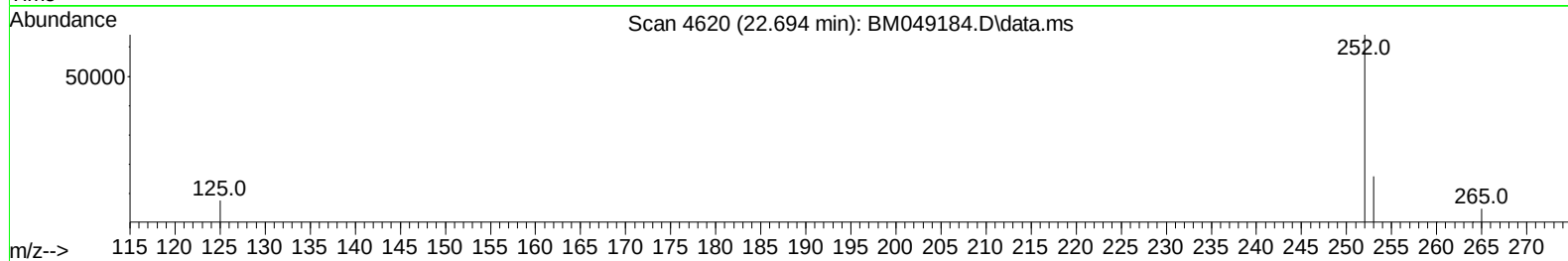
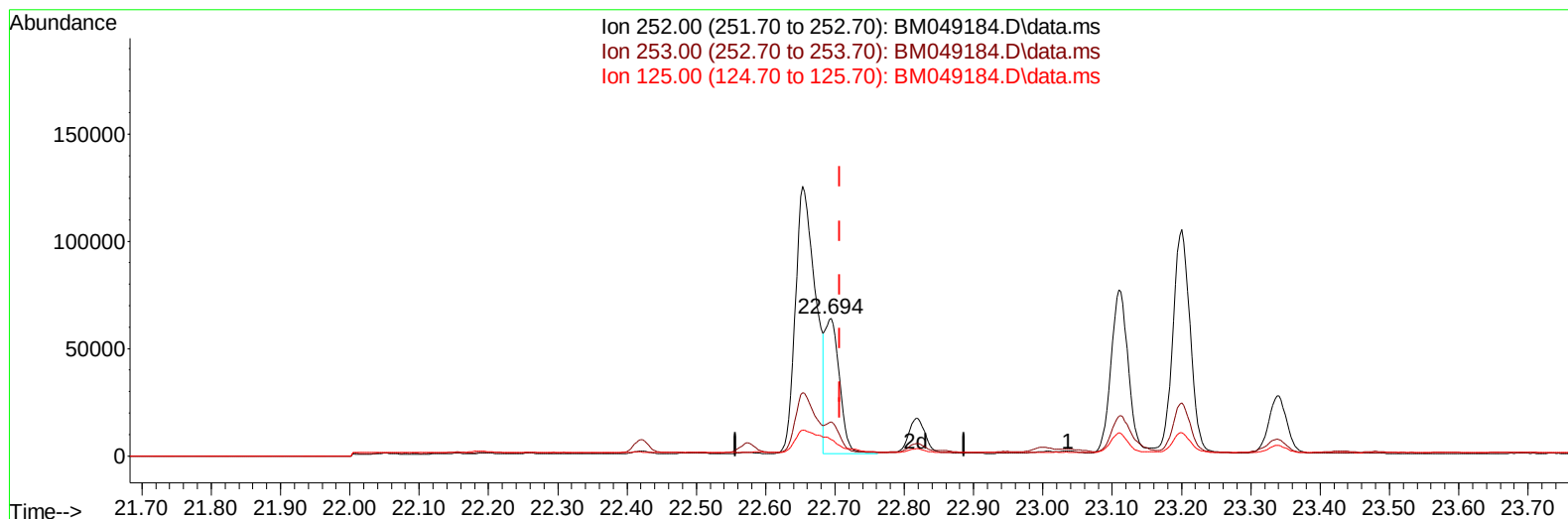
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

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

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(25) Benzo(k)fluoranthene

22.694min (-0.012) 1.03 ng/u1 m

response 92000

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	24.62
125.00	15.70	11.95#
0.00	0.00	0.00

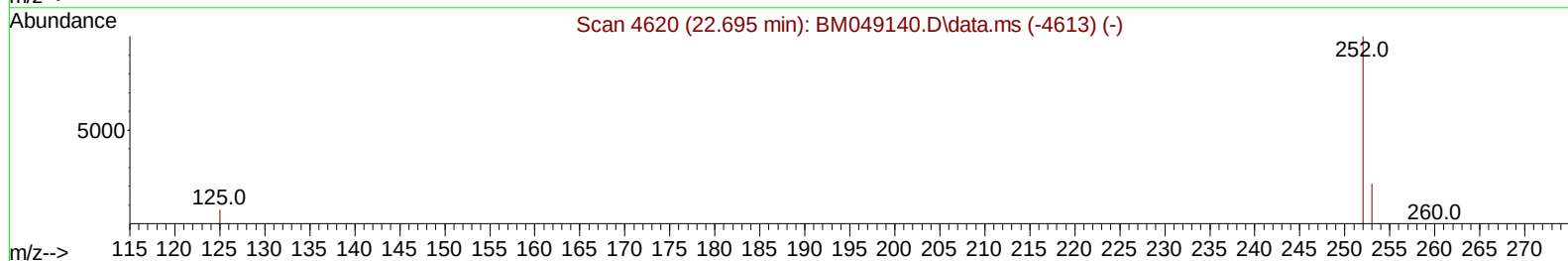
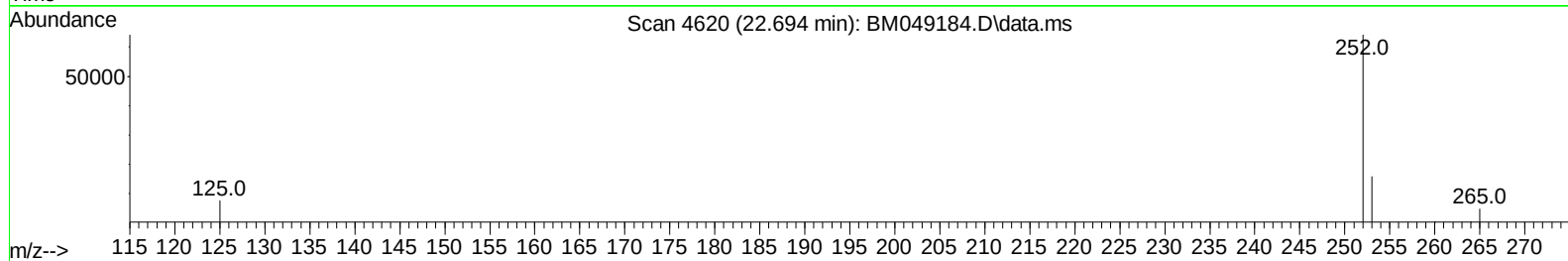
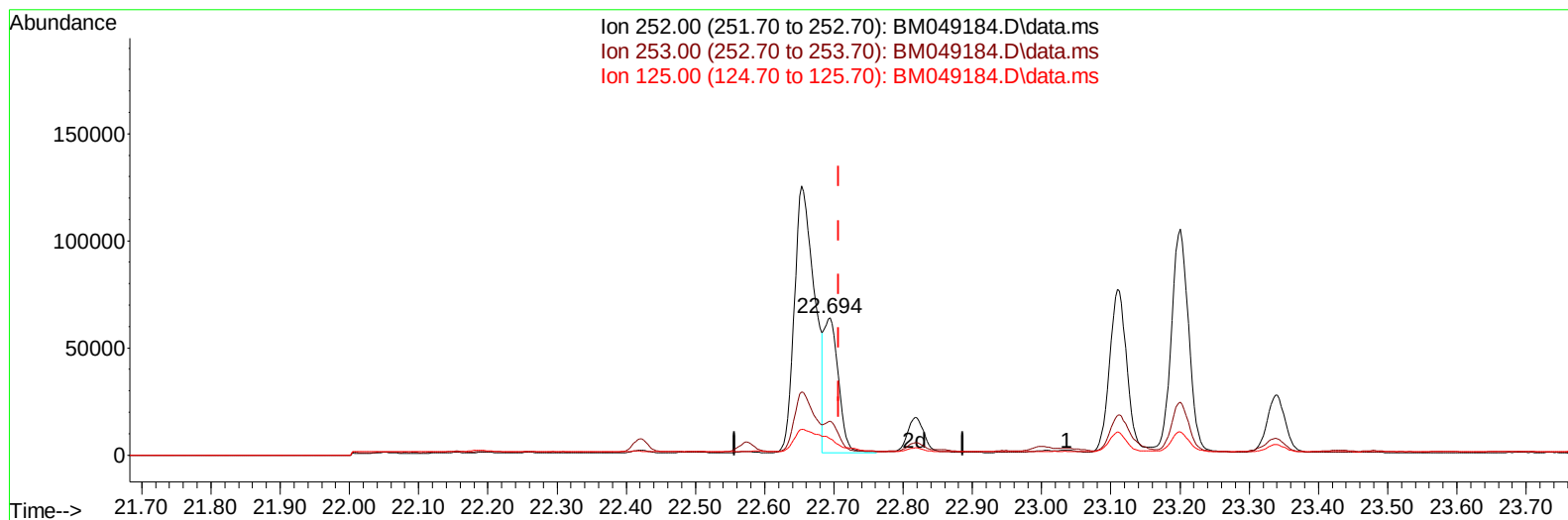
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

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

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(25) Benzo(k)fluoranthene

22.694min (-0.012) 1.03 ng/u1 m

response 92000

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	24.62
125.00	15.70	11.95#
0.00	0.00	0.00

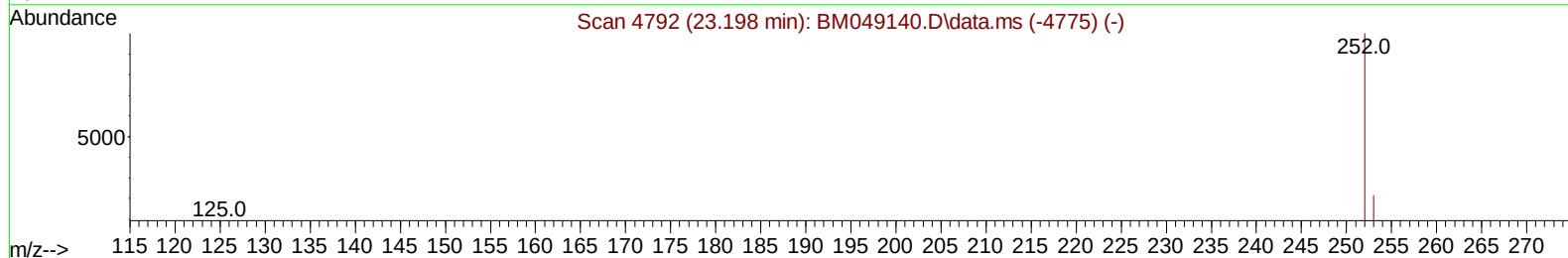
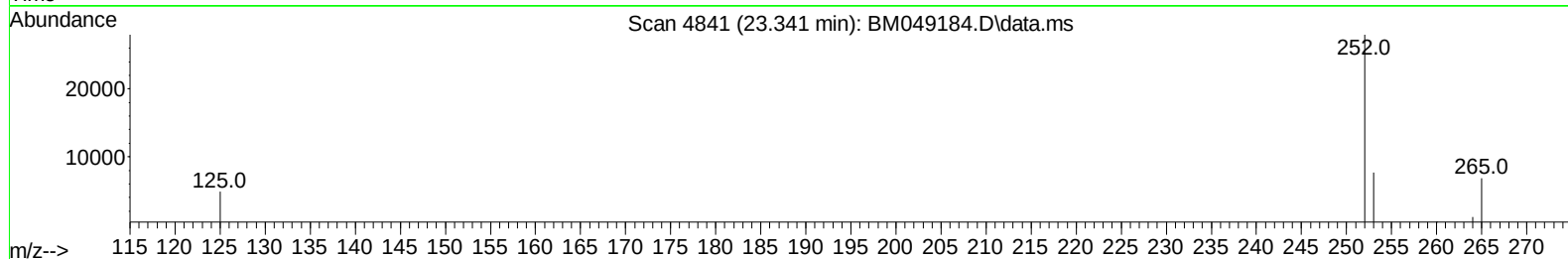
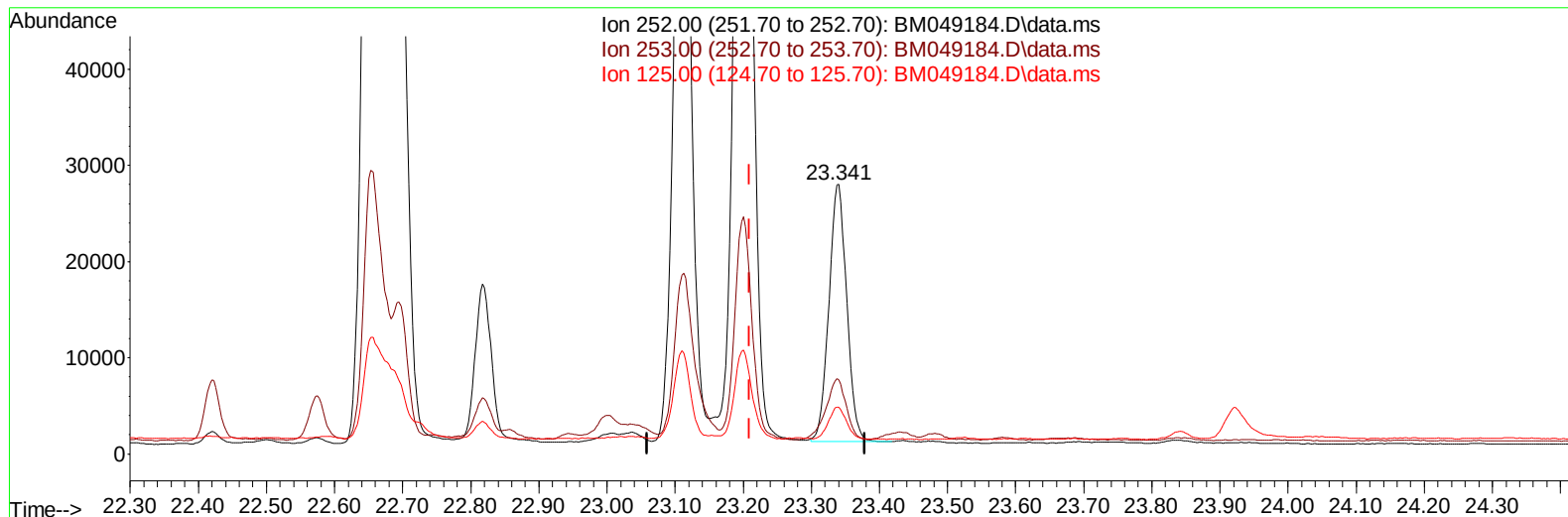
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(26) Benzo(a)pyrene (C)

23.341min (+ 0.131) 0.63 ng/u1

response 48822

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	27.51
125.00	18.50	17.35
0.00	0.00	0.00

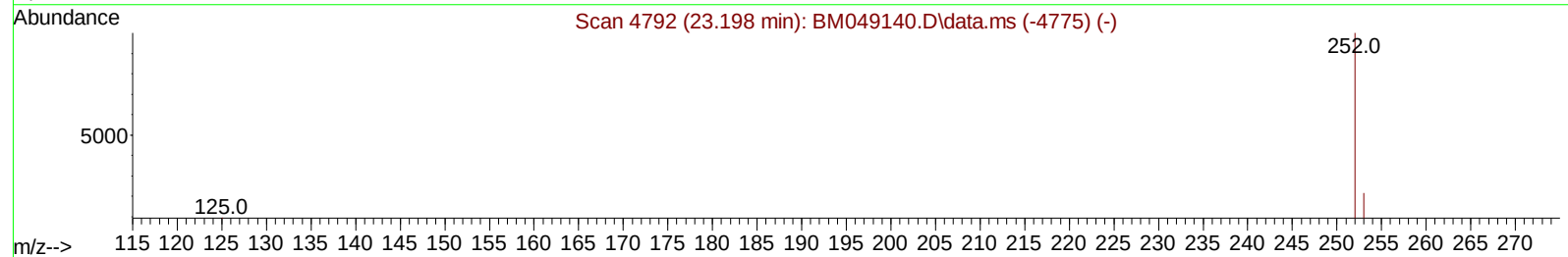
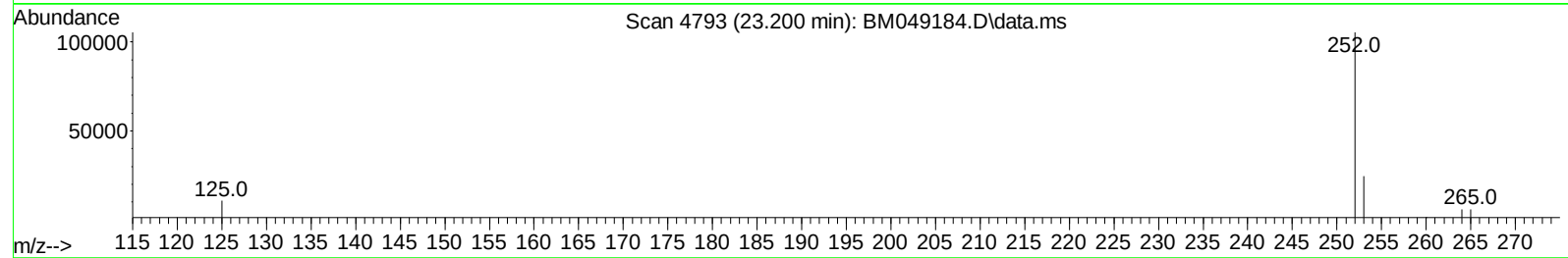
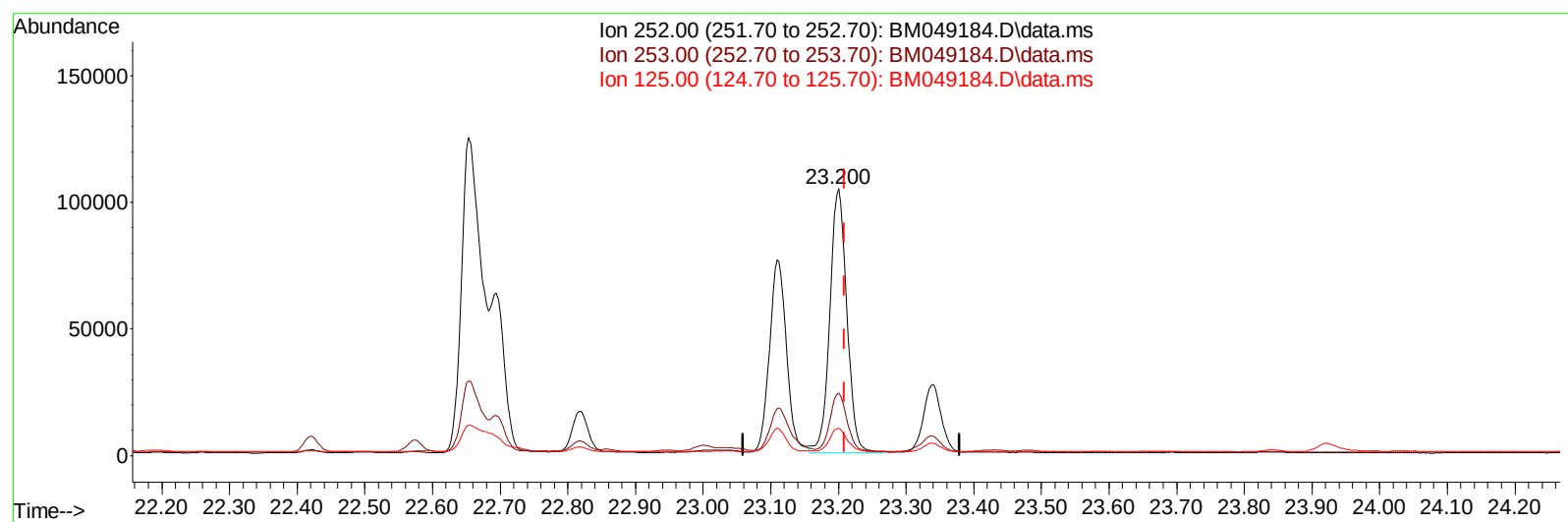
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

(26) Benzo(a)pyrene (C)

23.200min (-0.009) 2.34 ng/ul m

response 181825

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	23.42
125.00	18.50	10.22#
0.00	0.00	0.00

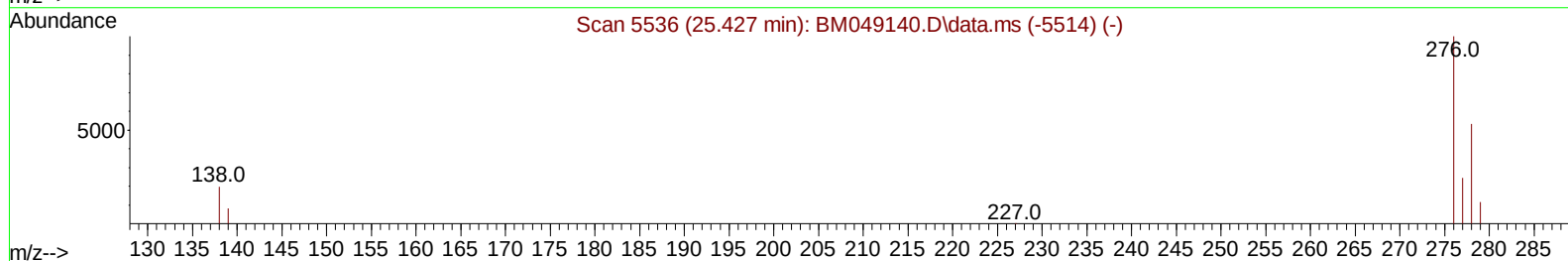
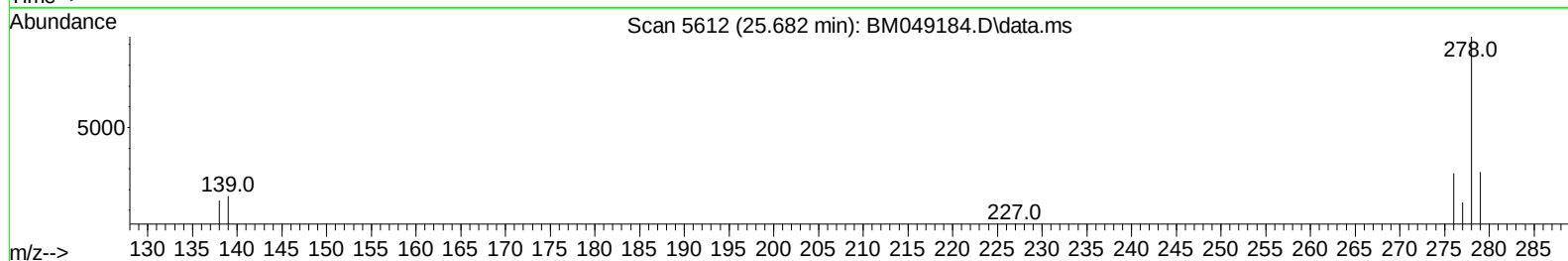
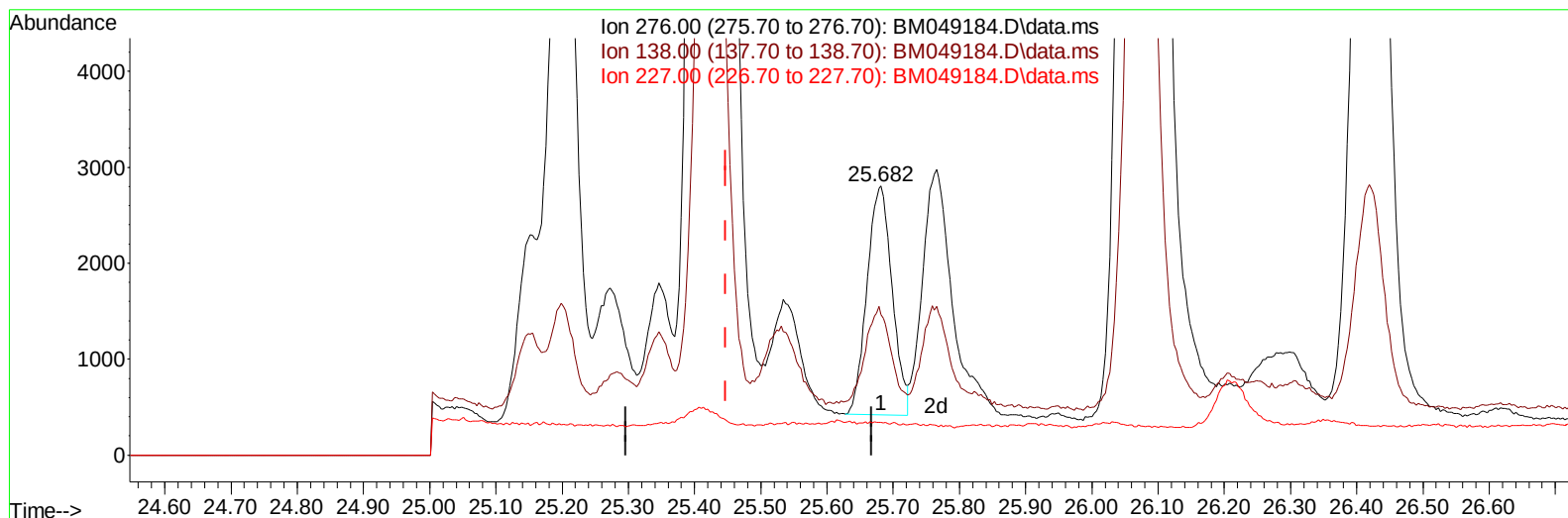
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:51 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: BM049184.D\data.ms

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

25.682min (+ 0.234) 0.06 ng/u1

response 6293

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	42.92#
227.00	0.20	0.00#
0.00	0.00	0.00

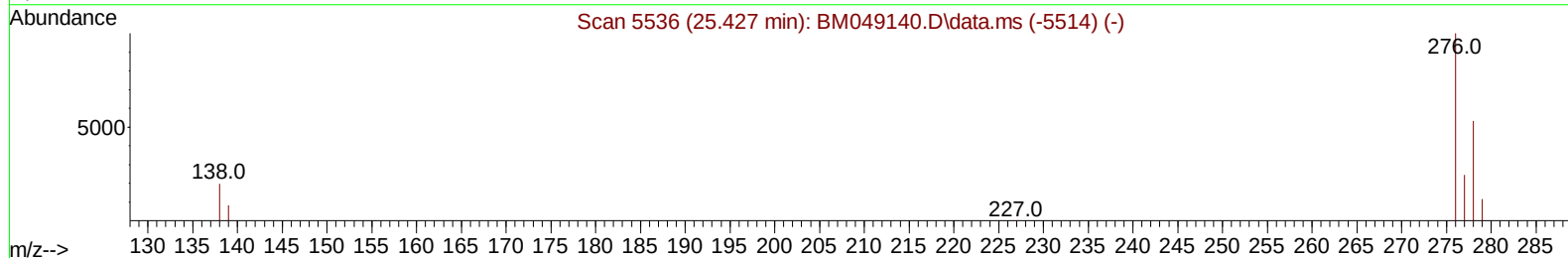
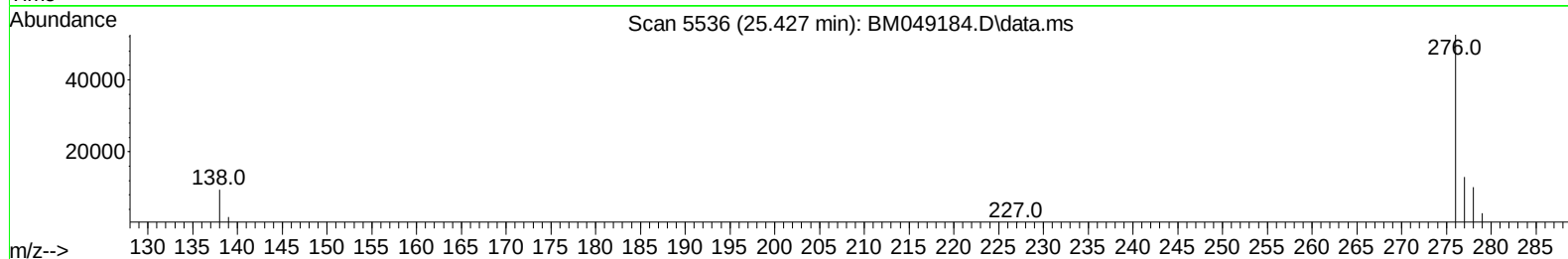
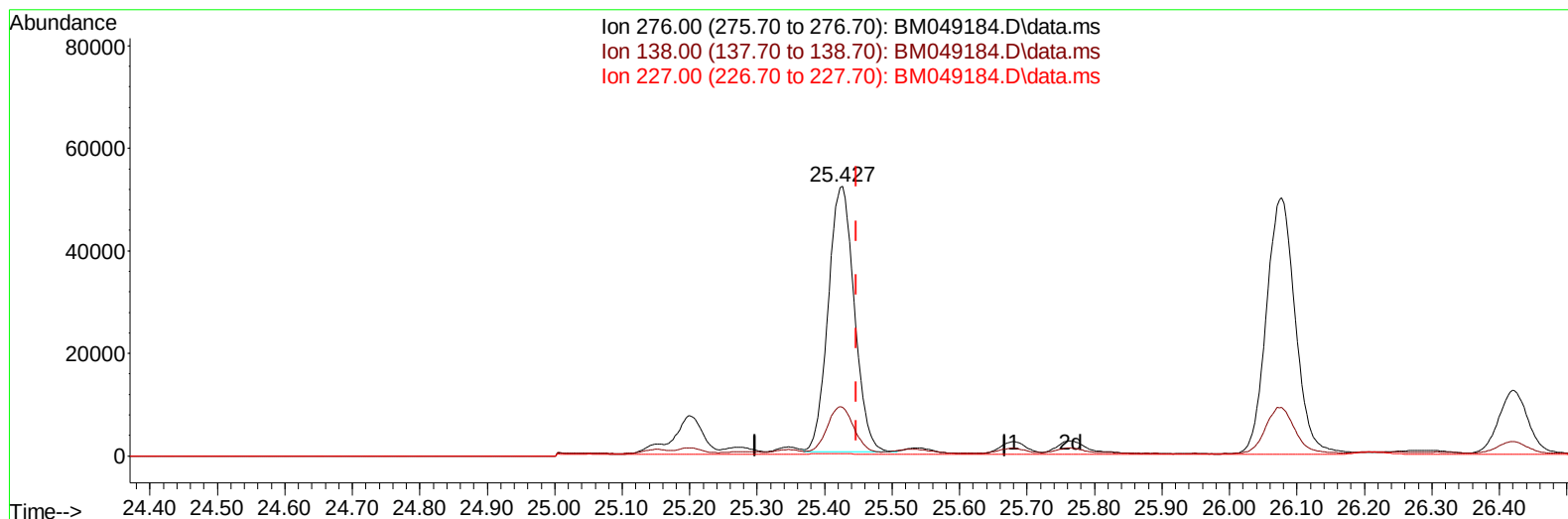
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

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TIC: BM049184.D\data.ms

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

25.427min (-0.020) 1.26 ng/ul m

response 138986

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	1.94#
227.00	0.20	0.00#
0.00	0.00	0.00

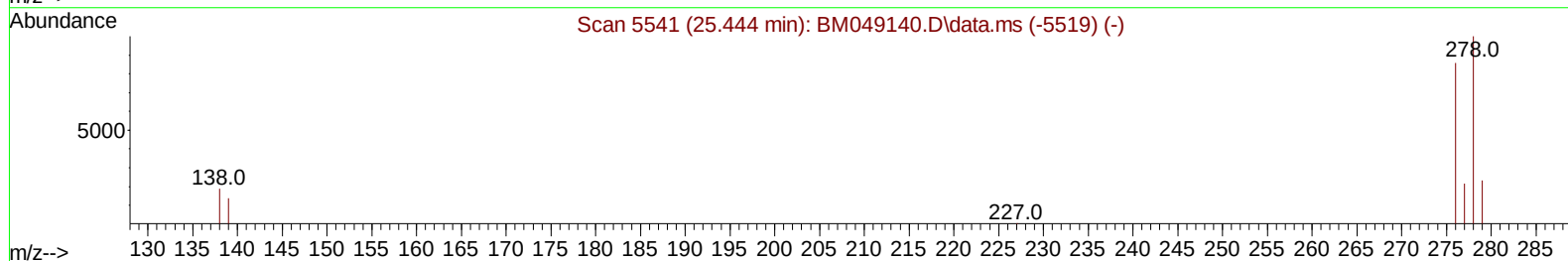
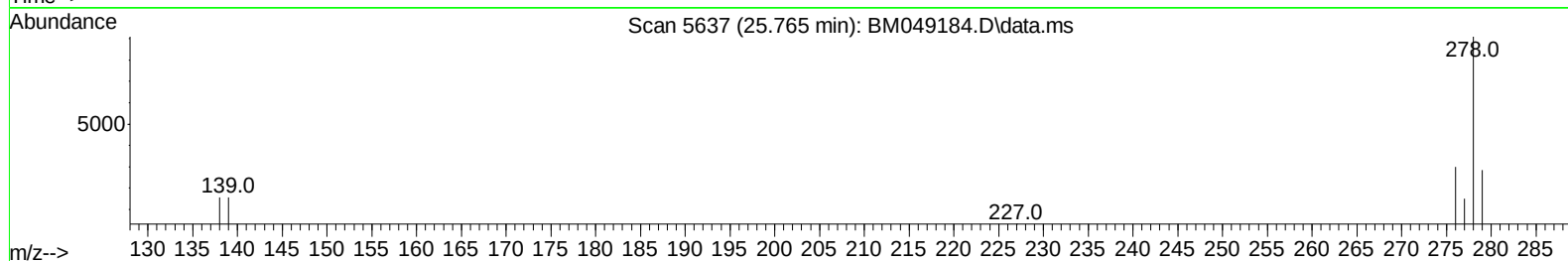
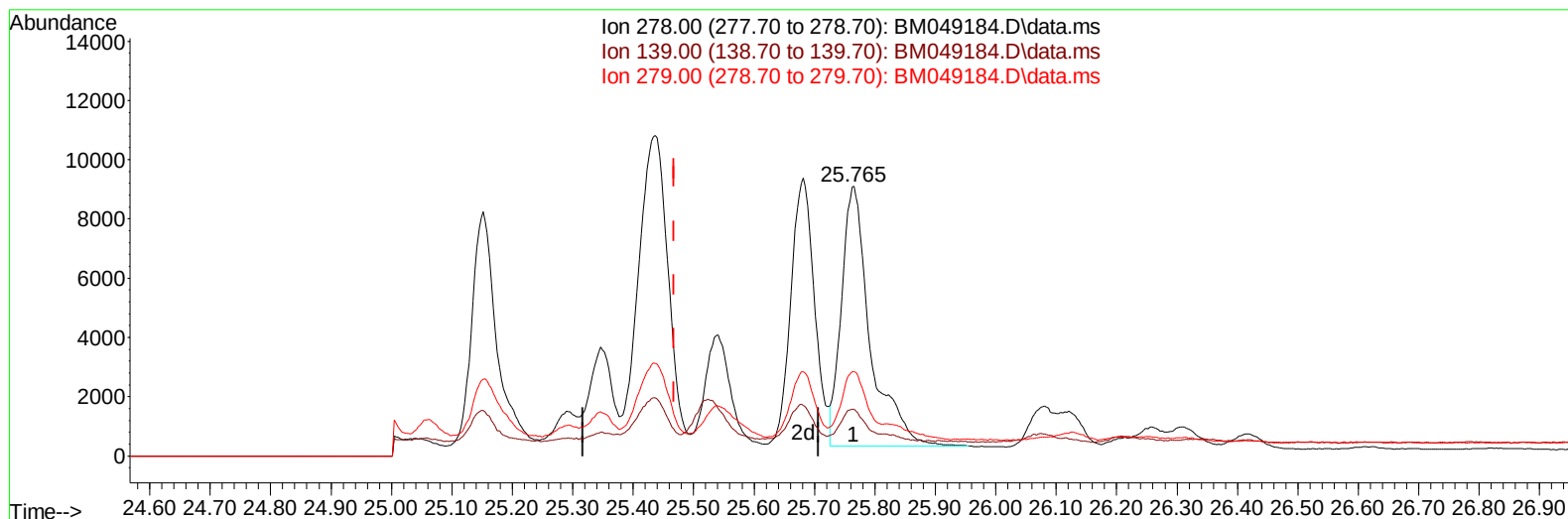
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

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TIC: BM049184.D\data.ms

(28) Dibenzo(a,h)anthracene

25.765min (+ 0.298) 0.34 ng/u1

response 29159

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	17.28
279.00	26.90	31.29
0.00	0.00	0.00

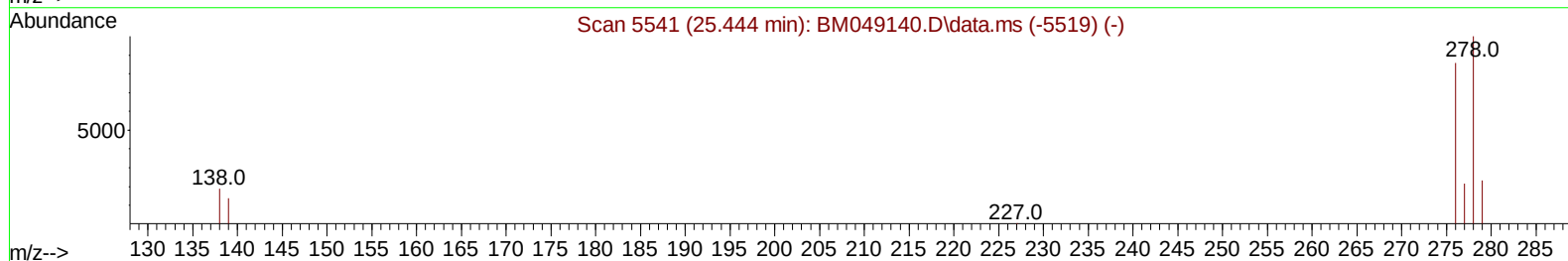
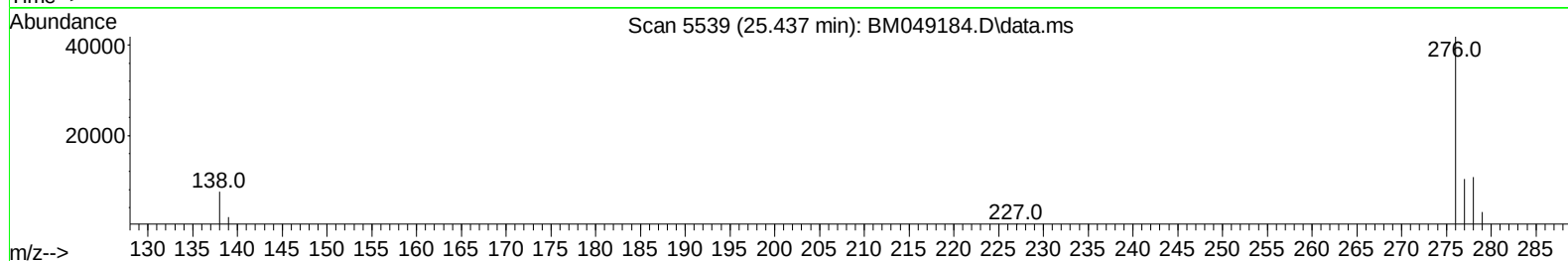
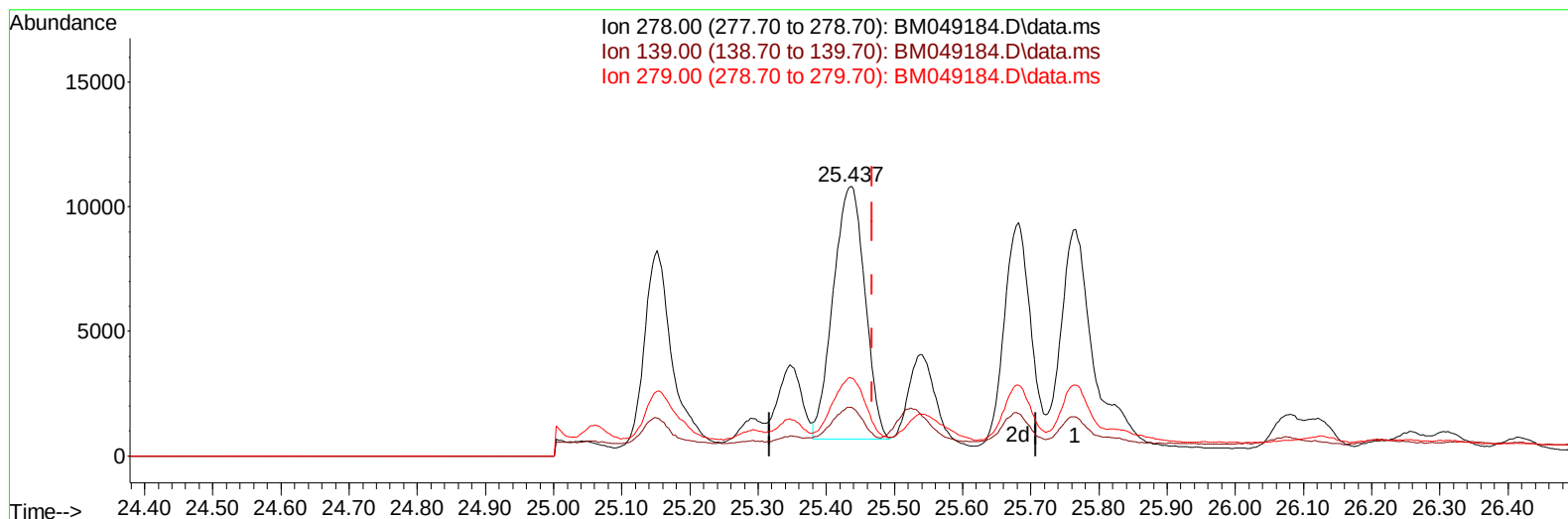
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM049184.D\data.ms

(28) Dibenzo(a,h)anthracene

25.437min (-0.031) 0.38 ng/ul m

response 32881

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	18.17
279.00	26.90	28.79
0.00	0.00	0.00

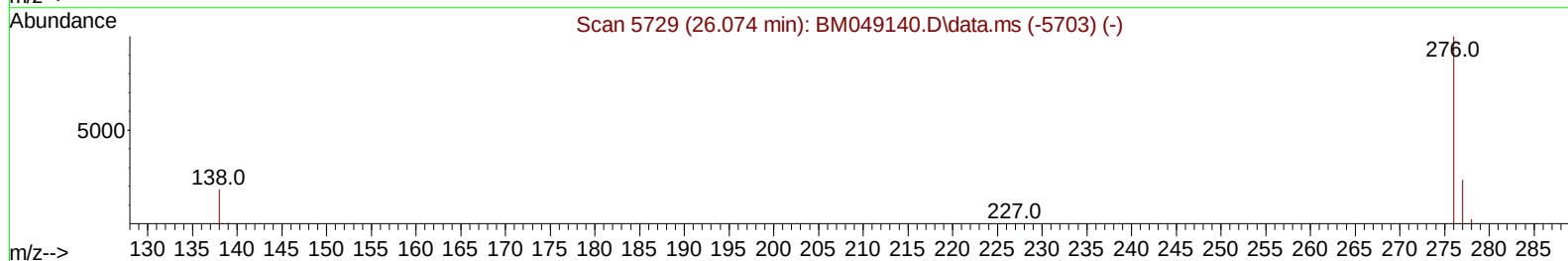
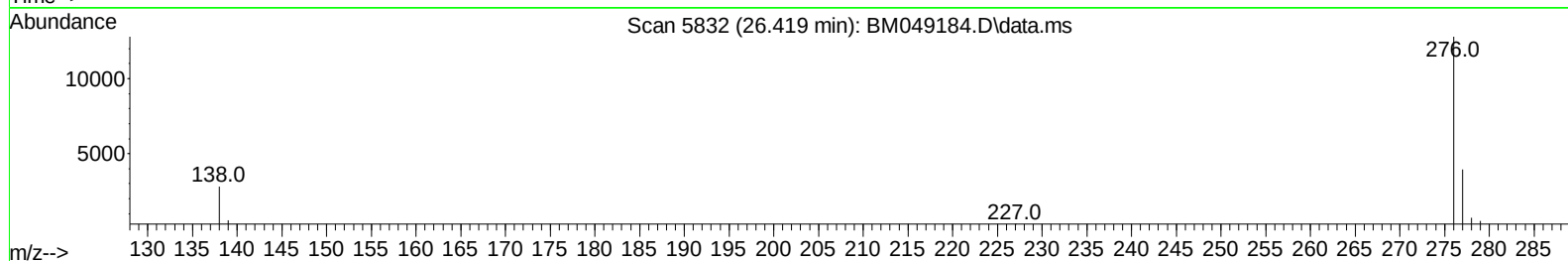
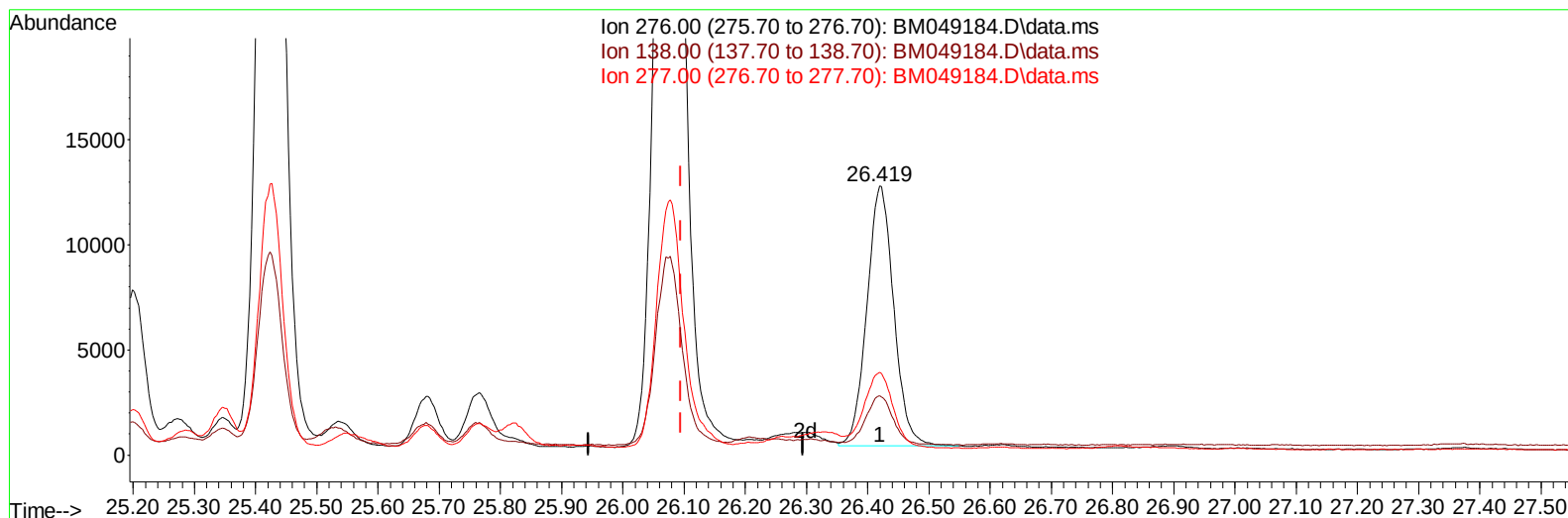
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

Manual IntegrationsAPPROVED

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TIC: BM049184.D\data.ms

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

26.419min (+ 0.325) 0.43 ng/u1

response 37698

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	22.05
277.00	24.90	30.72#
0.00	0.00	0.00

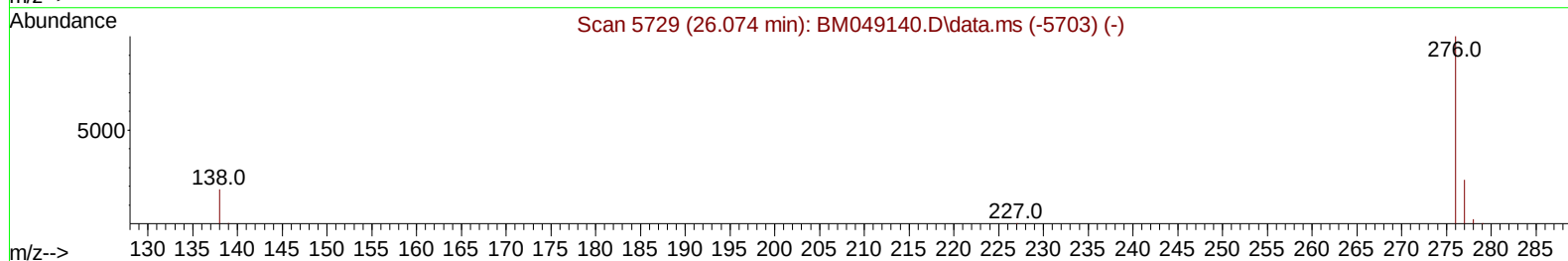
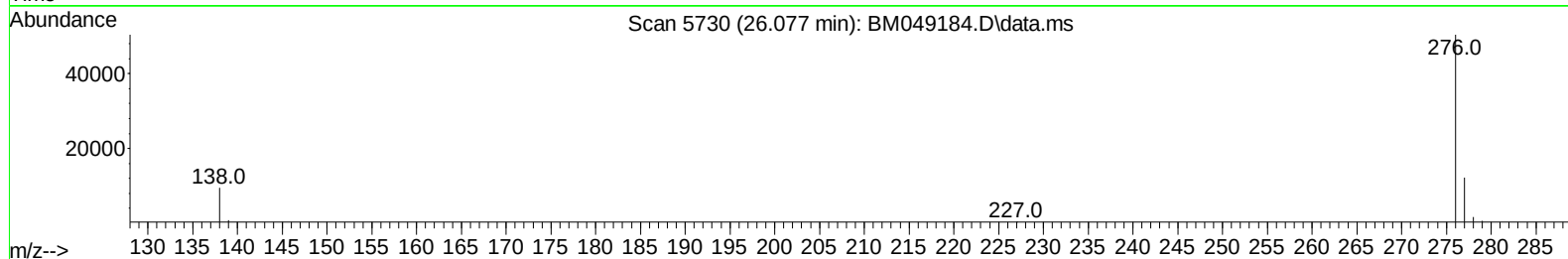
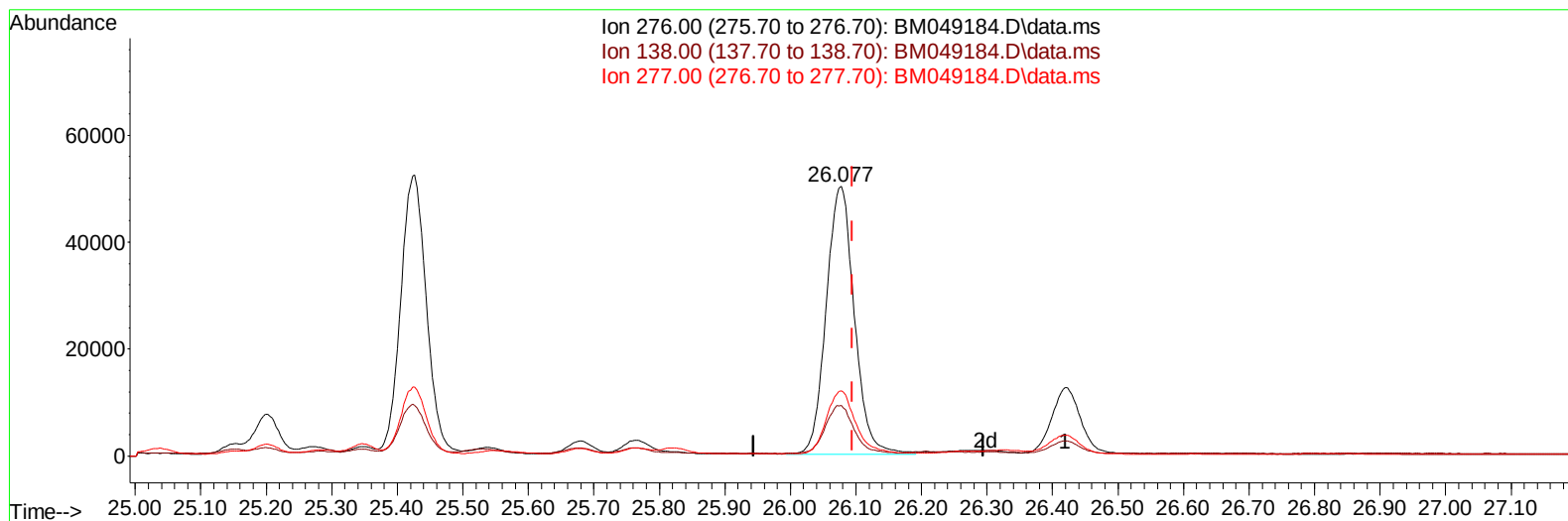
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049184.D
Acq On : 24 Dec 2024 14:44
Operator : RC/JU
Sample : P5333-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2916

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Supervised By :mohammad ahmed 12/26/2024



TIC: BM049184.D\data.ms

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

26.077min (-0.017) 1.69 ng/ul m

response 149678

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	18.76
277.00	24.90	24.10
0.00	0.00	0.00

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 Sample : P5333-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	7325	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	22693	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	12752	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.934	188	28936m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	25383m	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	25411m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	30420	3.601	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	7006	0.230	ng/ul	-0.02
18) Fluoranthene-d10	18.970	212	14377m	0.200	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.359	128	11658	0.205	ng/ul	98
7) 2-Methylnaphthalene	11.987	142	8447	0.235	ng/ul	98
8) 1-Methylnaphthalene	12.207	142	3622	0.098	ng/ul	98
10) Acenaphthylene	13.901	152	5746	0.109	ng/ul#	93
11) Acenaphthene	14.248	153	3037	0.079	ng/ul	98
12) Fluorene	15.242	166	3000	0.069	ng/ul#	95
15) Phenanthrene	16.977	178	71263m	0.943	ng/ul	
16) Anthracene	17.065	178	16061m	0.232	ng/ul	
19) Fluoranthene	19.002	202	202796m	2.210	ng/ul	
20) Pyrene	19.365	202	190926m	1.951	ng/ul	
21) Benzo(a)anthracene	21.122	228	140176m	1.588	ng/ul	
22) Chrysene	21.175	228	158172m	1.669	ng/ul	
24) Benzo(b)fluoranthene	22.653	252	254496m	3.135	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	92000m	1.033	ng/ul	
26) Benzo(a)pyrene	23.200	252	181825m	2.335	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.427	276	138986m	1.261	ng/ul	
28) Dibenzo(a,h)anthracene	25.437	278	32881m	0.384	ng/ul	
29) Benzo(g,h,i)perylene	26.077	276	149678m	1.689	ng/ul	

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

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