

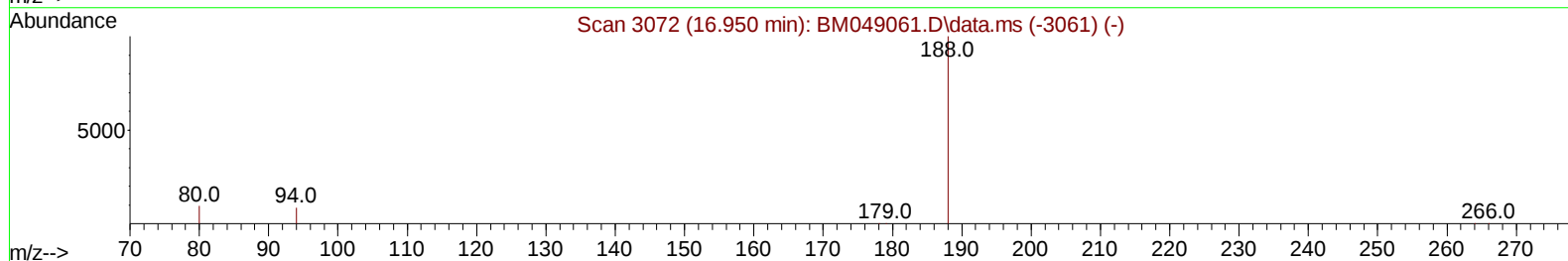
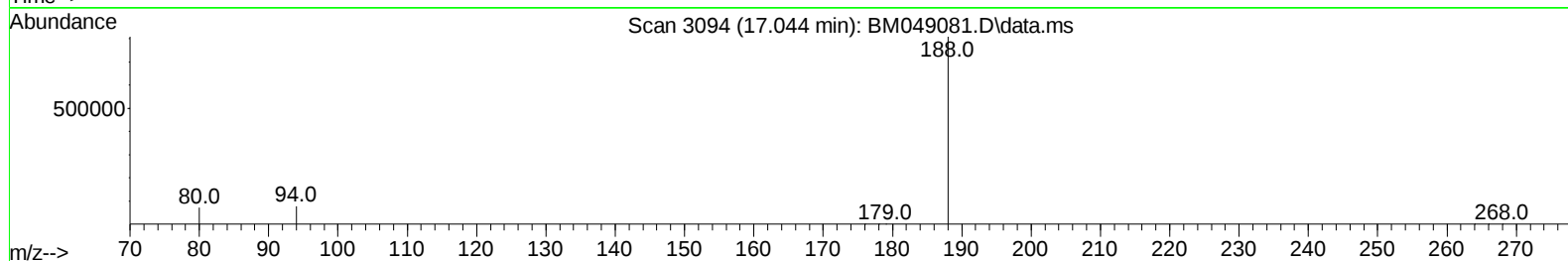
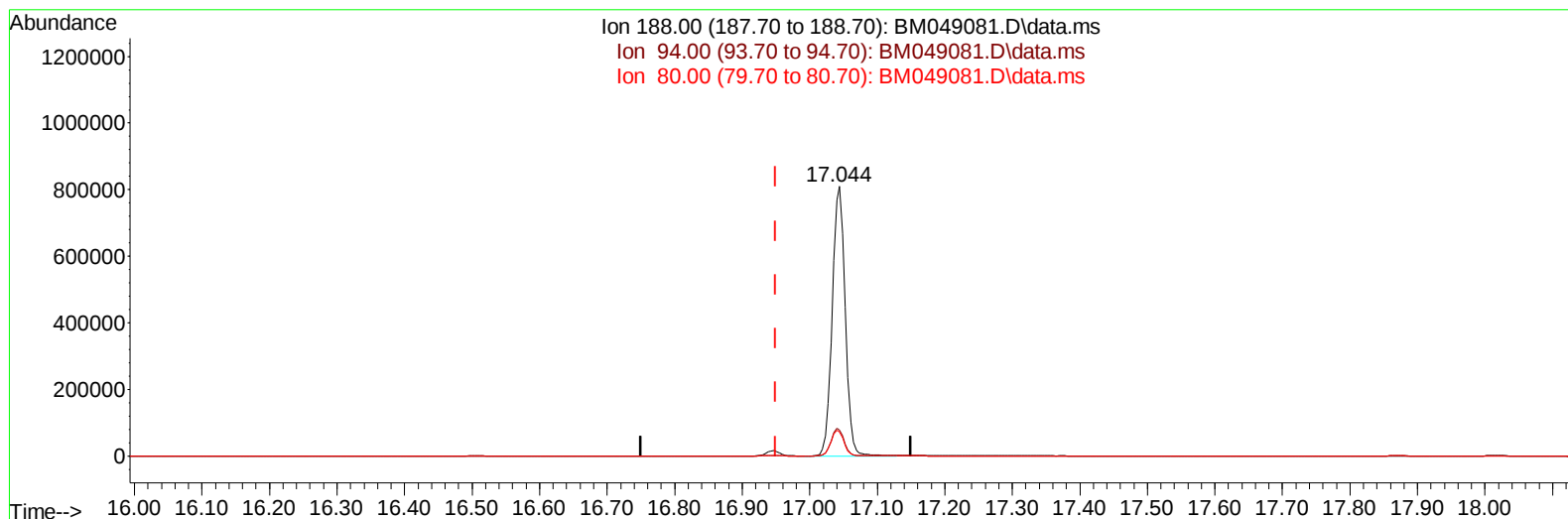
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(13) Phenanthrene-d10 (I)

17.044min (+ 0.094) 0.40 ng/u1

response 1089718

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.58
80.00	10.70	8.80
0.00	0.00	0.00

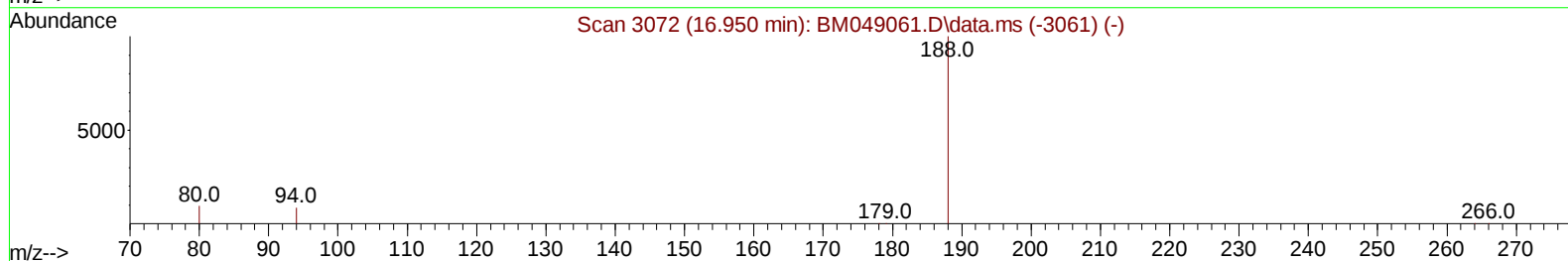
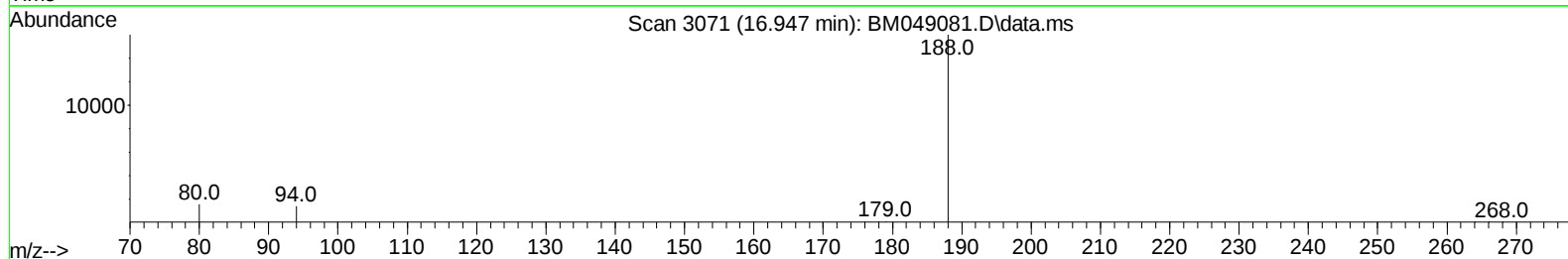
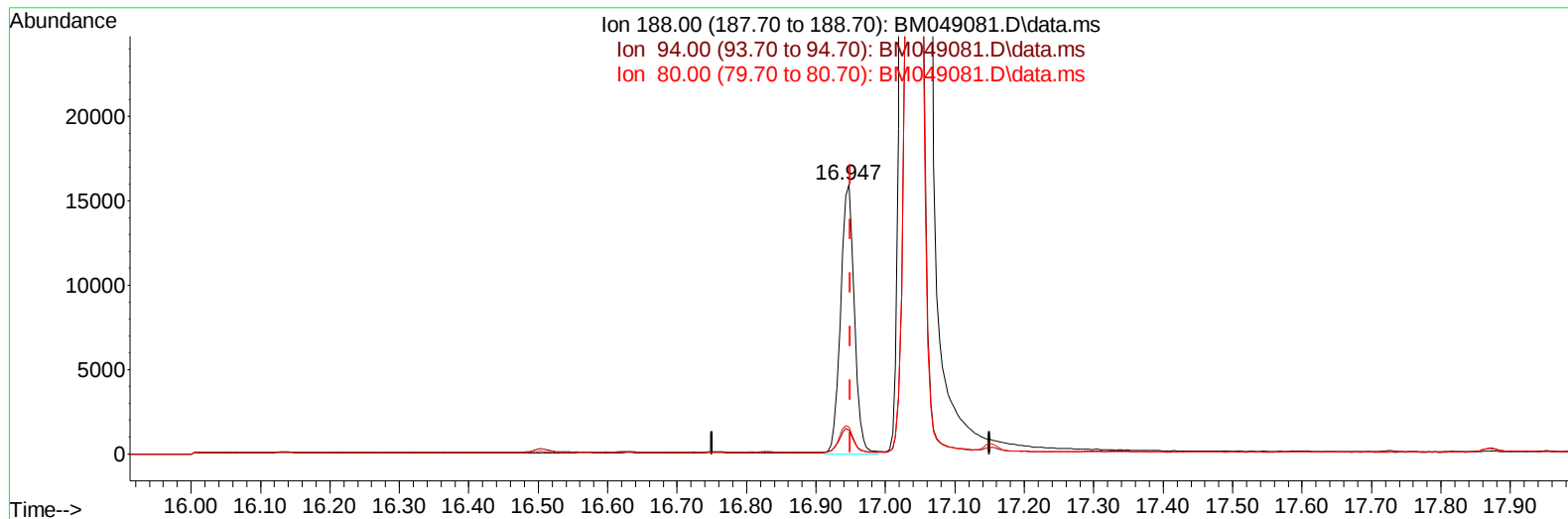
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(13) Phenanthrene-d10 (I)

16.947min (-0.003) 0.40 ng/ul m

response 21903

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	8.96
80.00	10.70	9.97
0.00	0.00	0.00

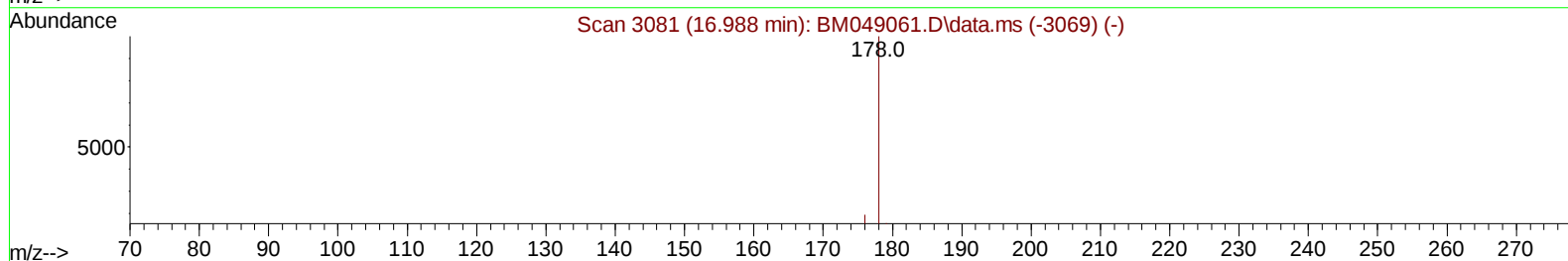
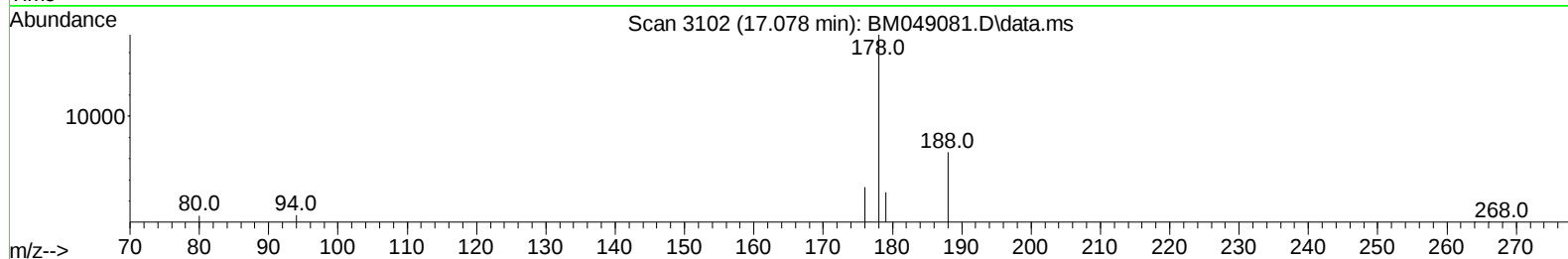
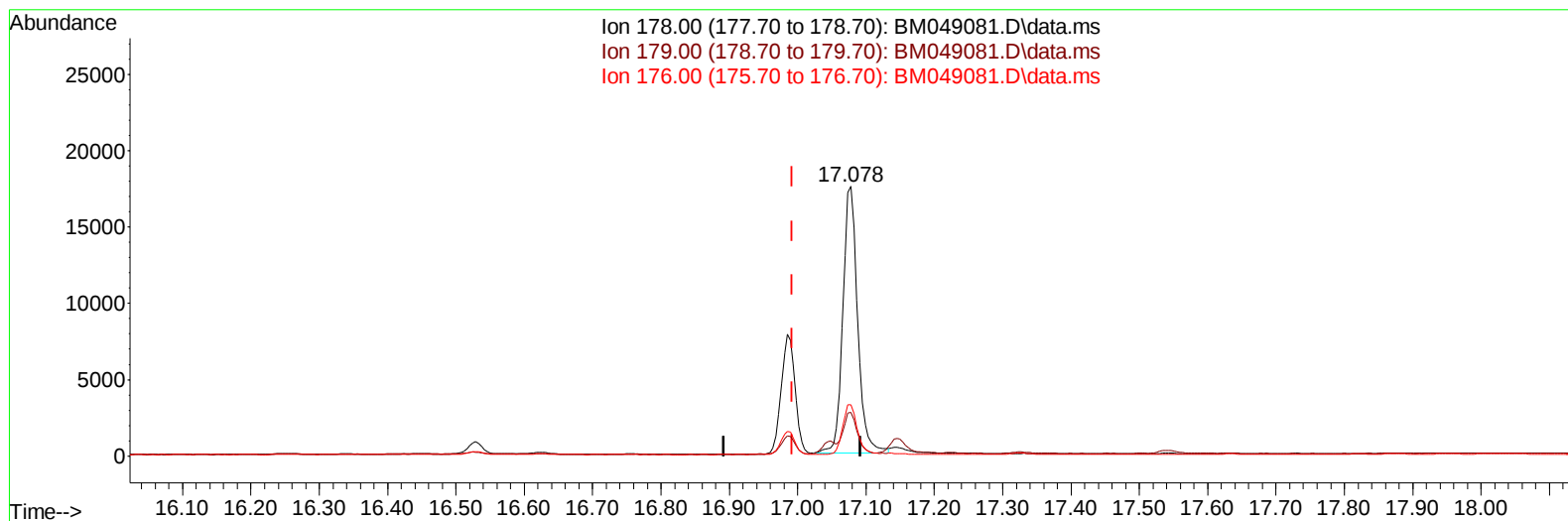
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Yogesh Patel 12/21/2024
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TIC: BM049081.D\data.ms

(15) Phenanthrene

17.078min (+ 0.086) 0.46 ng/u1

response 26095

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.18
176.00	20.20	19.02
0.00	0.00	0.00

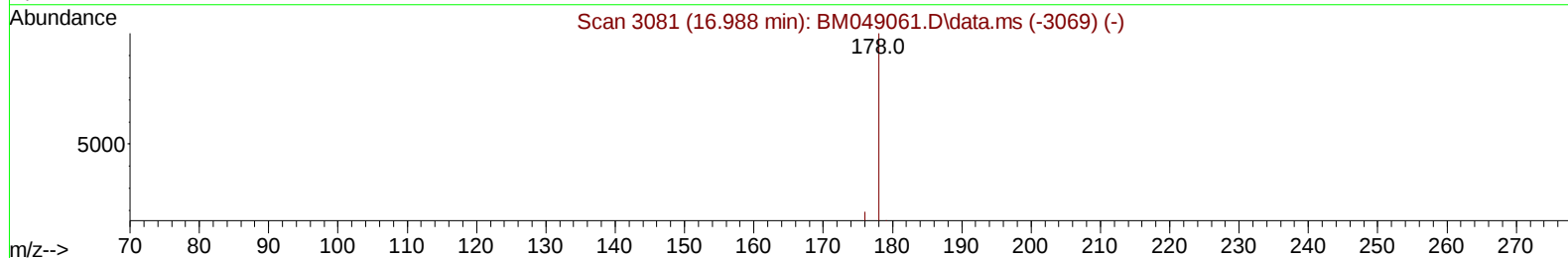
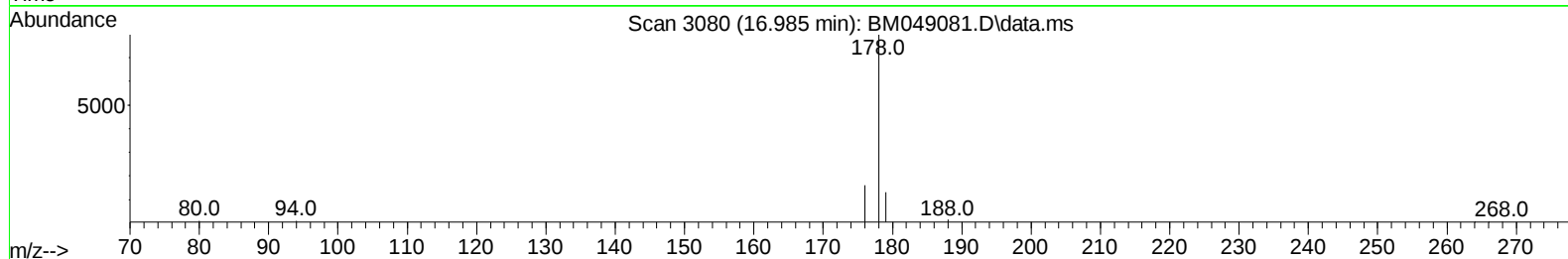
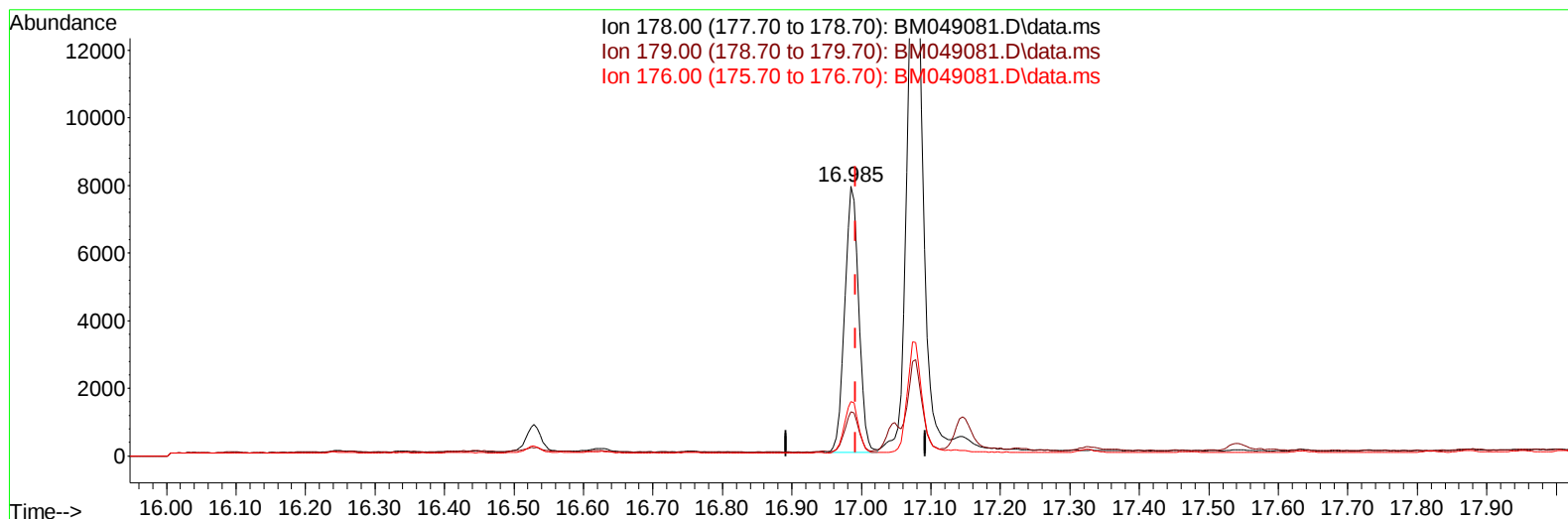
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(15) Phenanthrene

16.985min (-0.007) 0.19 ng/ul m

response 11119

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.46
176.00	20.20	20.21
0.00	0.00	0.00

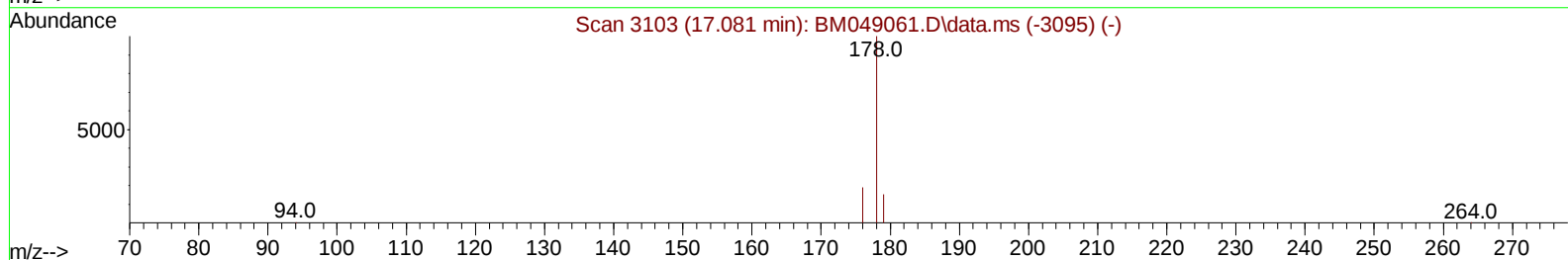
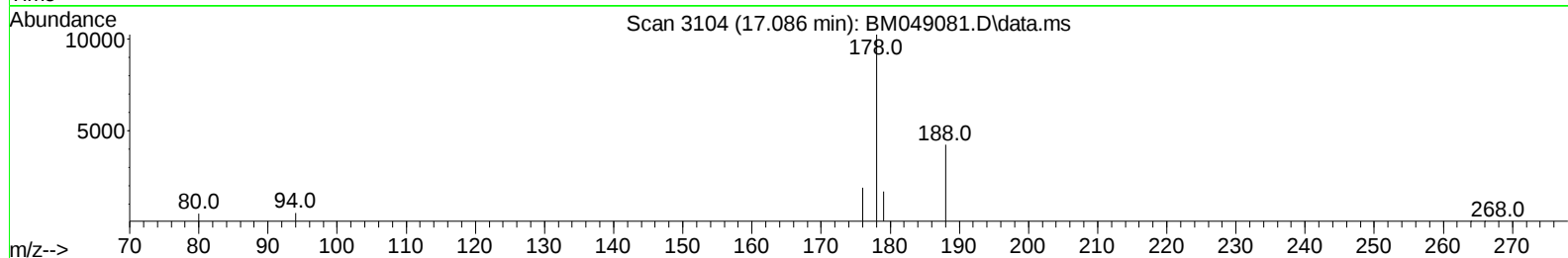
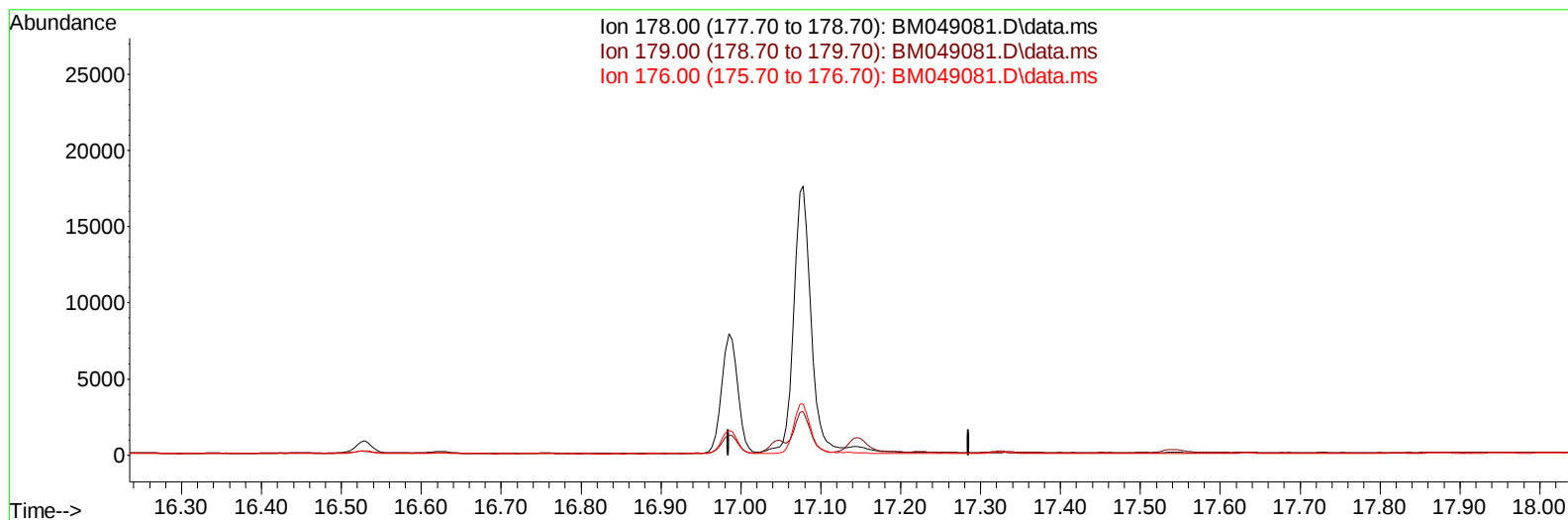
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(16) Anthracene

17.085min (-17.085) 0.00 ng/u1

response 0

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

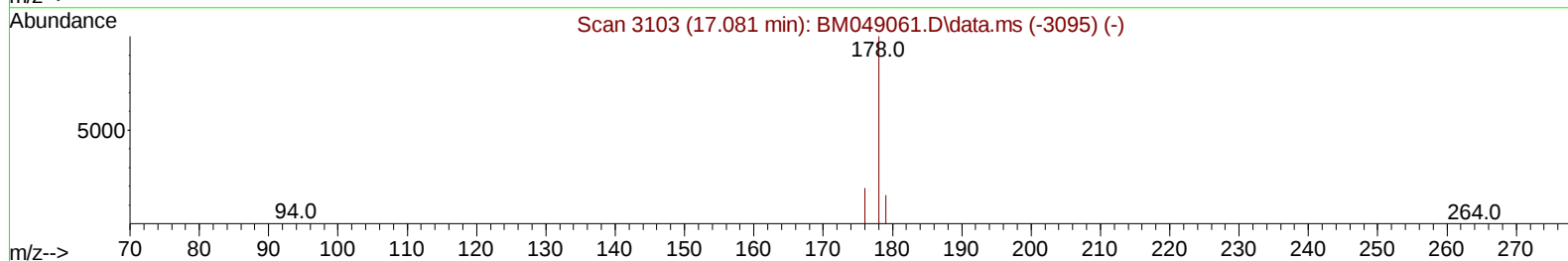
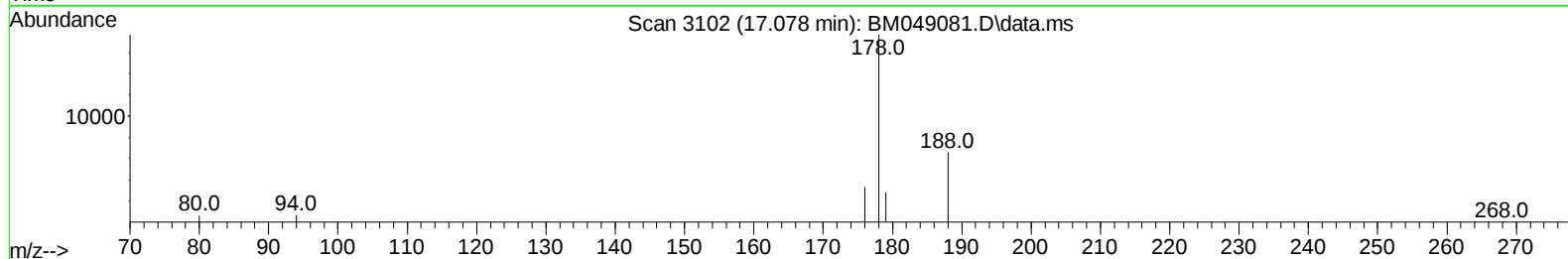
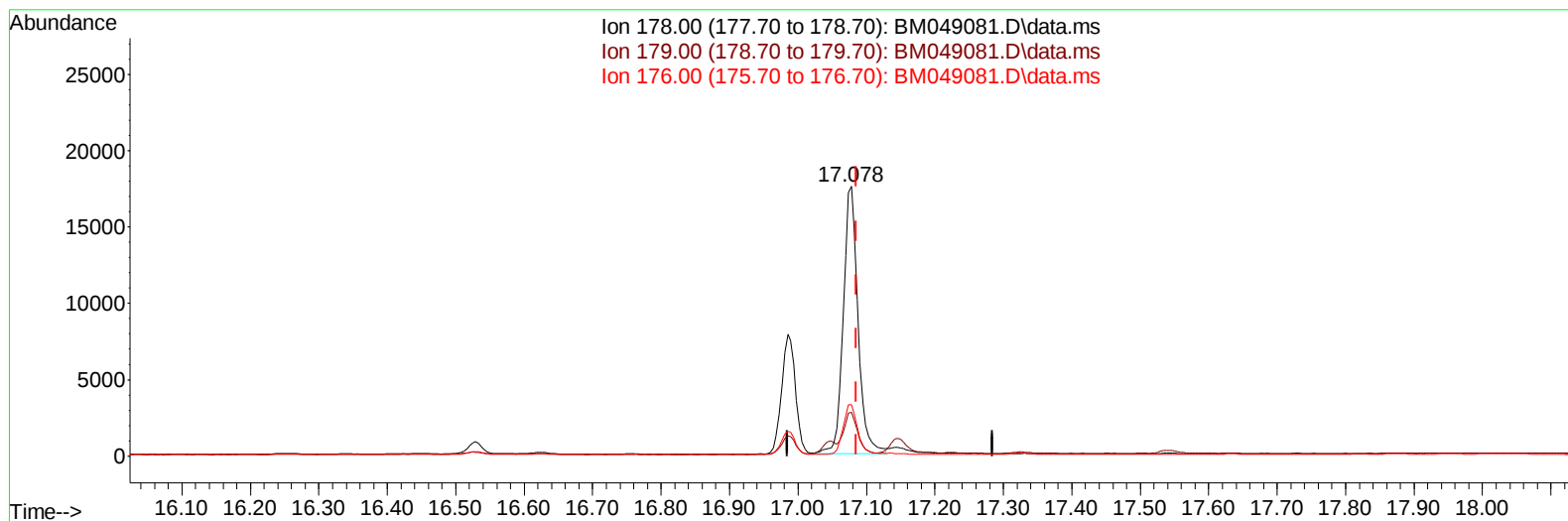
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(16) Anthracene

17.078min (-0.007) 0.50 ng/ul m

response 26289

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	16.18
176.00	19.10	19.02
0.00	0.00	0.00

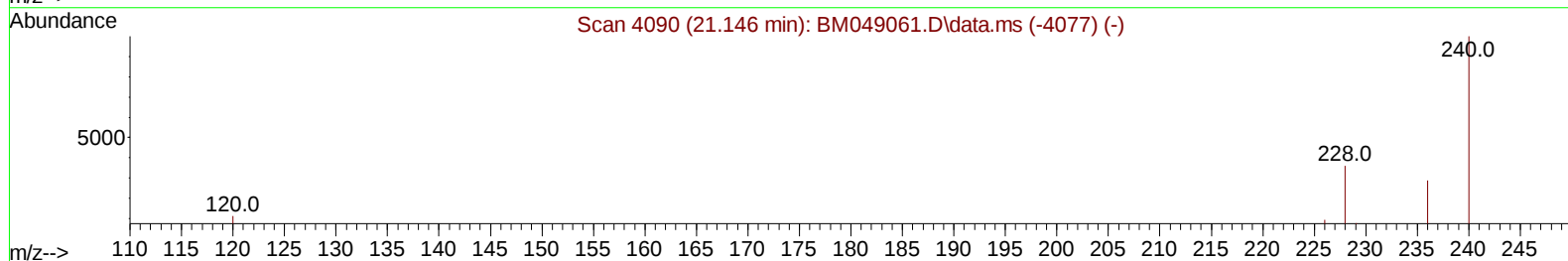
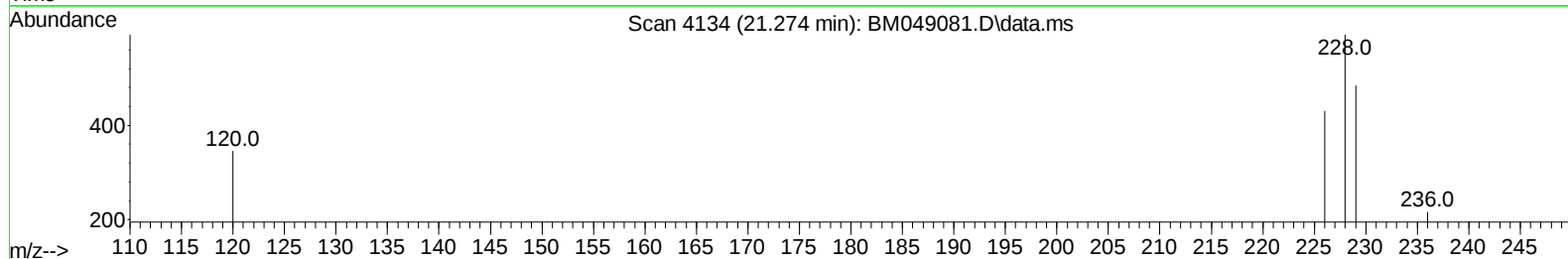
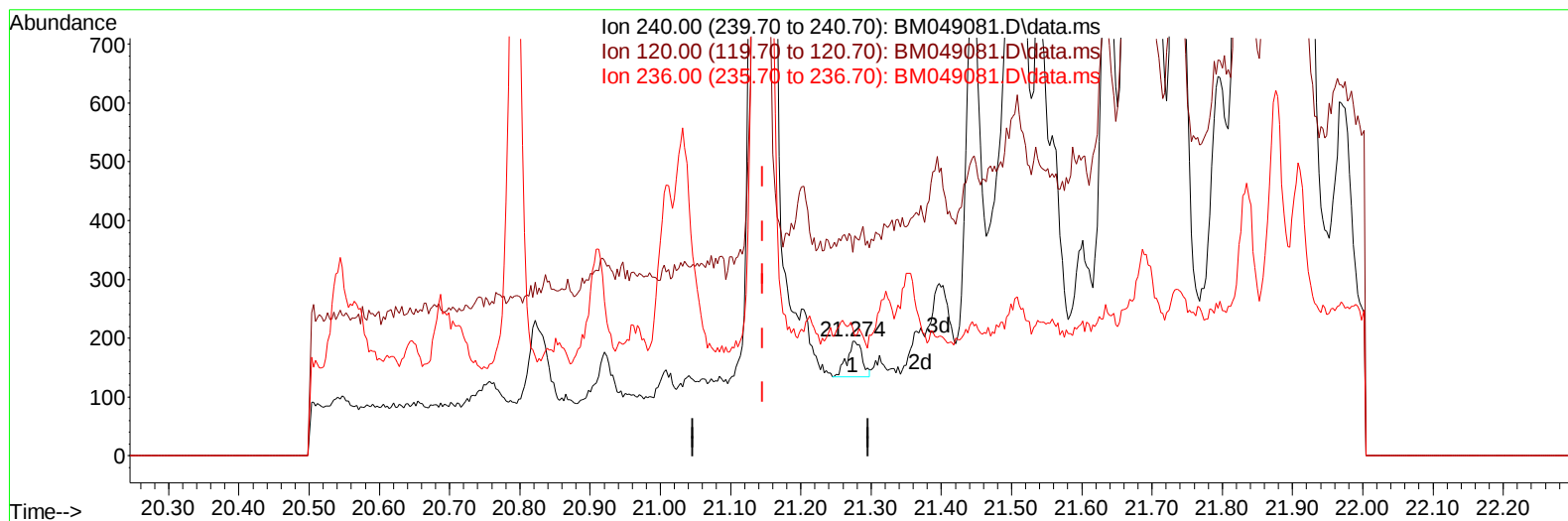
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(17) Chrysene-d12

21.274min (+ 0.128) 0.40 ng/u1

response 93

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	177.44#
236.00	29.80	111.28#
0.00	0.00	0.00

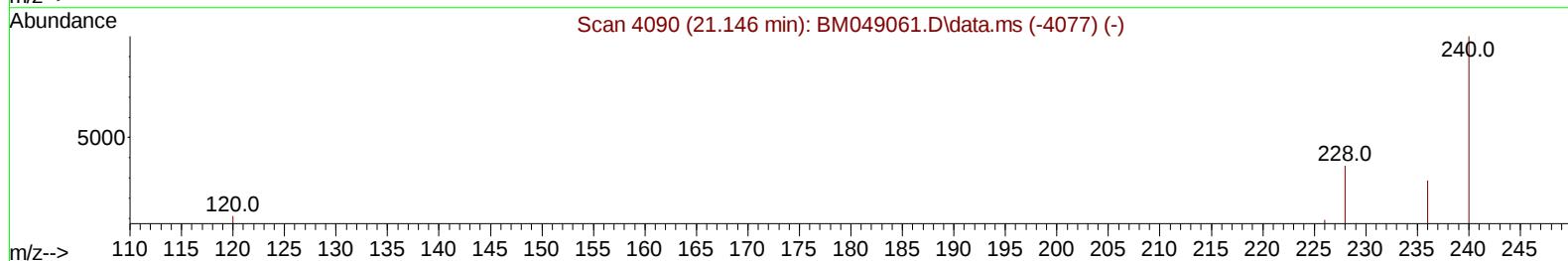
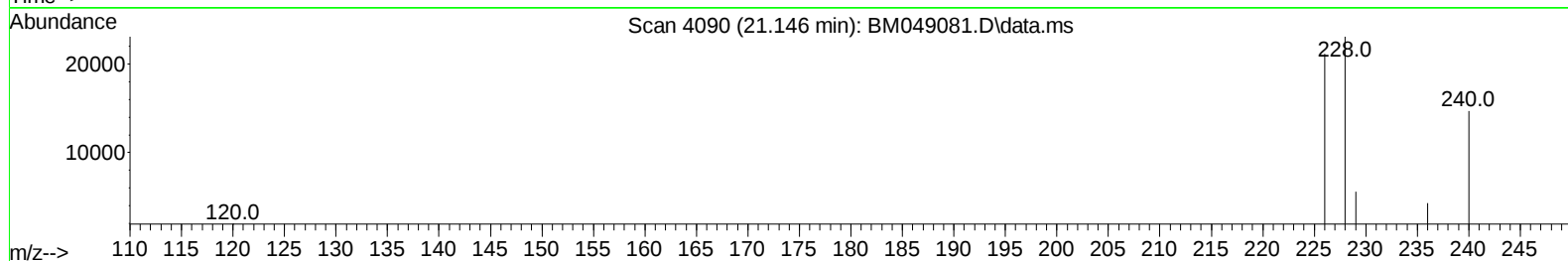
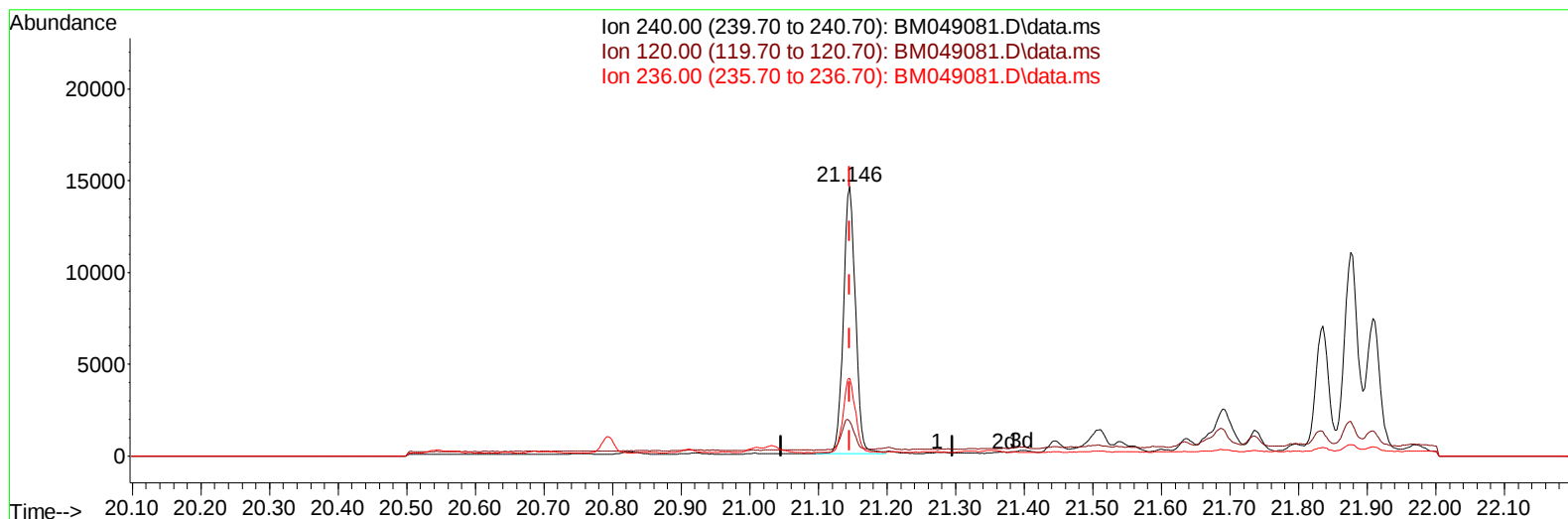
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(17) Chrysene-d12

21.146min (-0.000) 0.40 ng/u1 m

response 18007

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	12.95
236.00	29.80	29.01
0.00	0.00	0.00

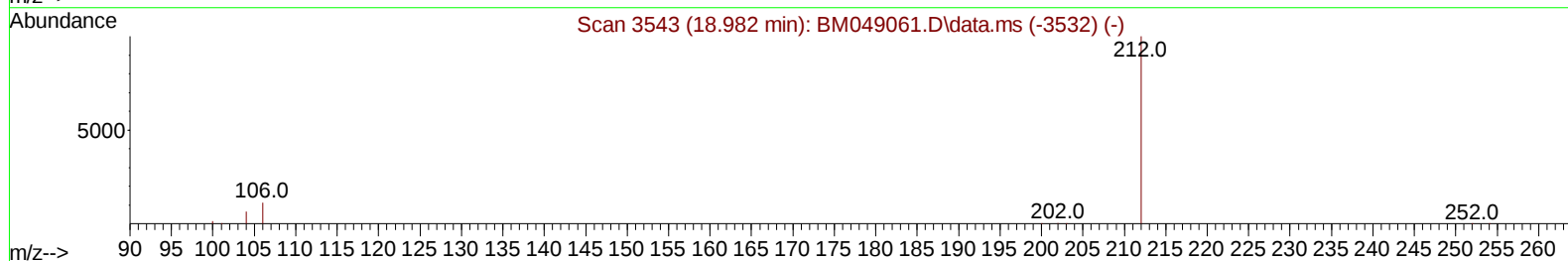
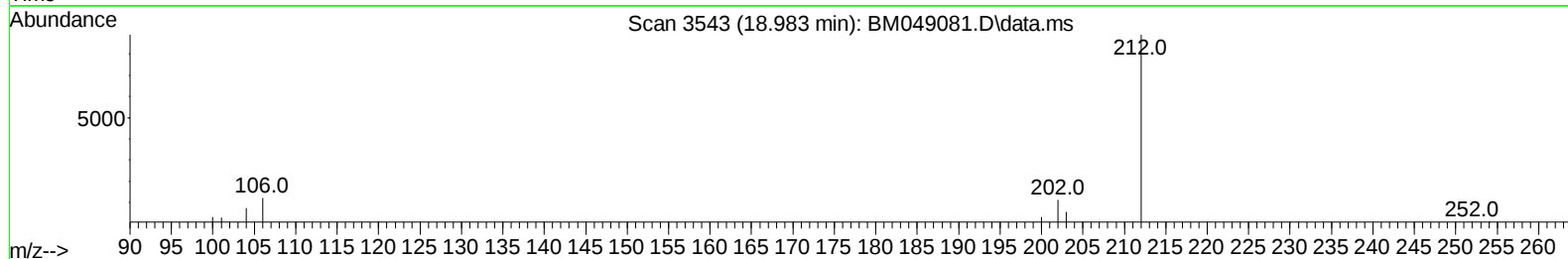
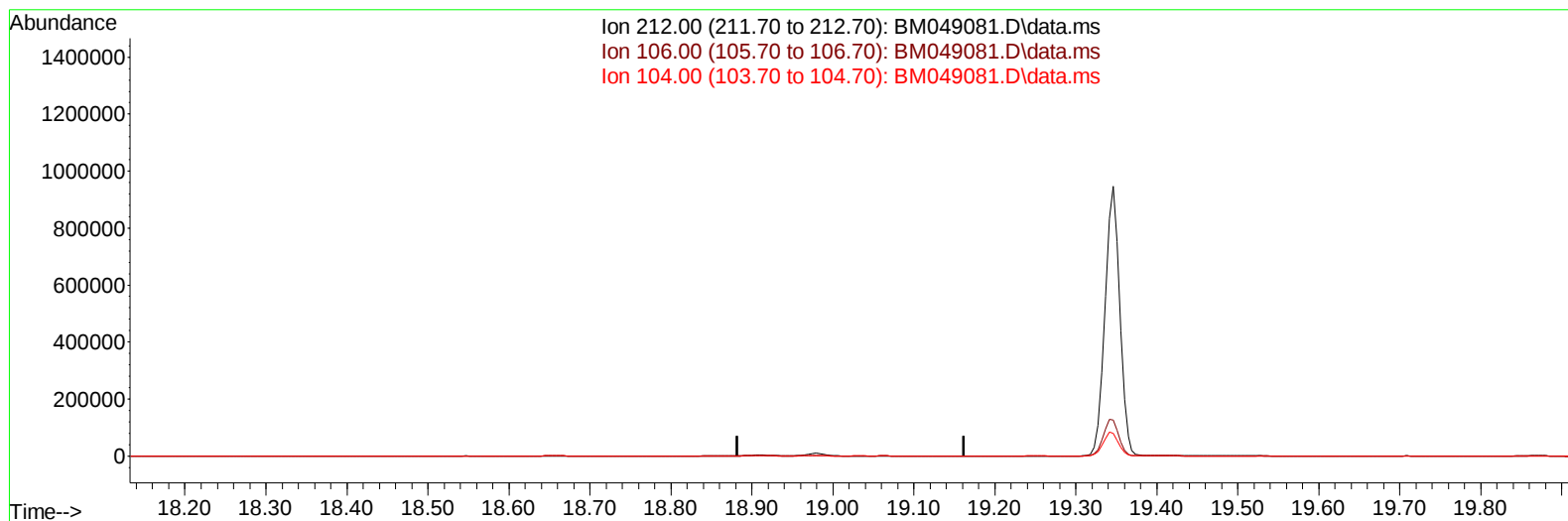
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

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TIC: BM049081.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.982min (-18.982) 0.00 ng/u1

response 0

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

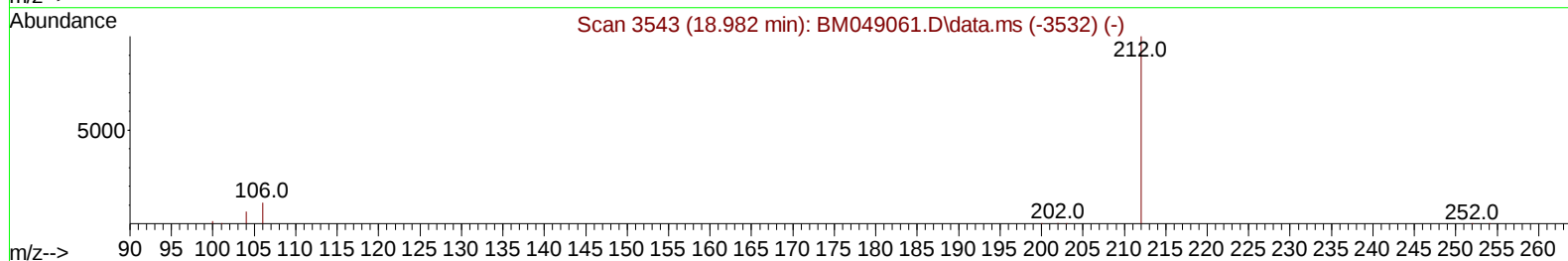
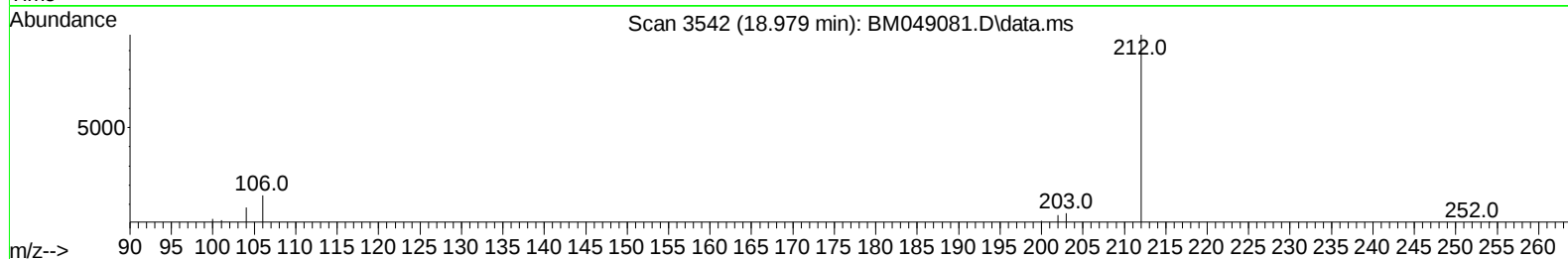
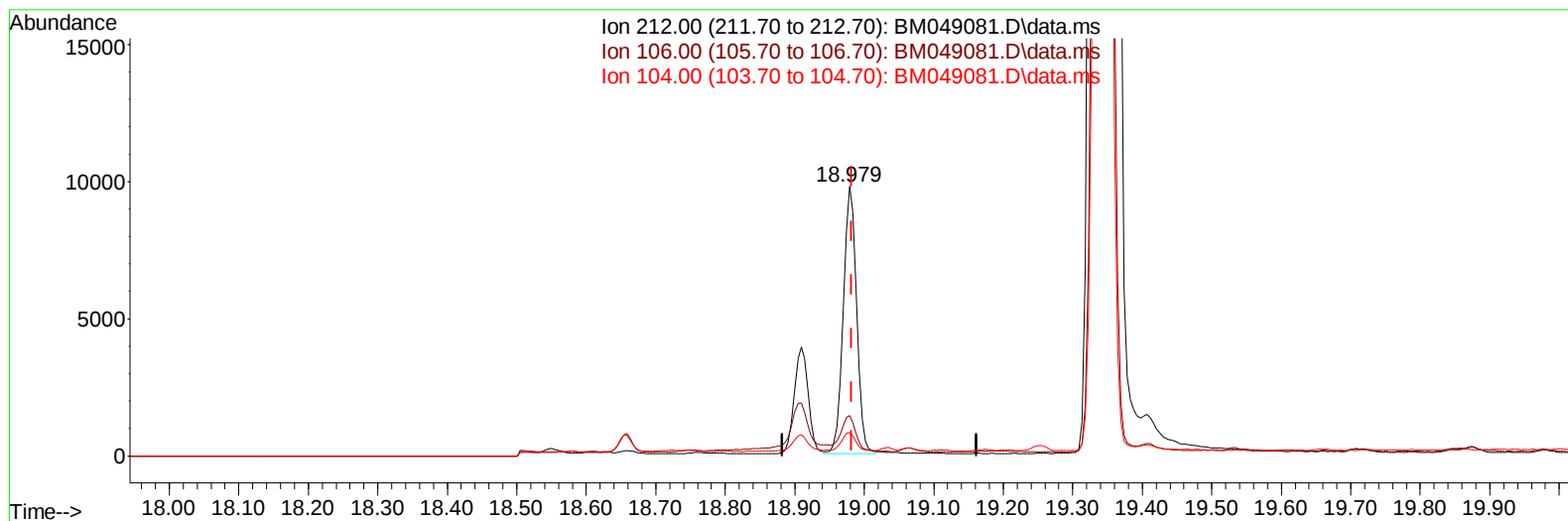
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

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TIC: BM049081.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.979min (-0.003) 0.26 ng/u1 m

response 13161

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

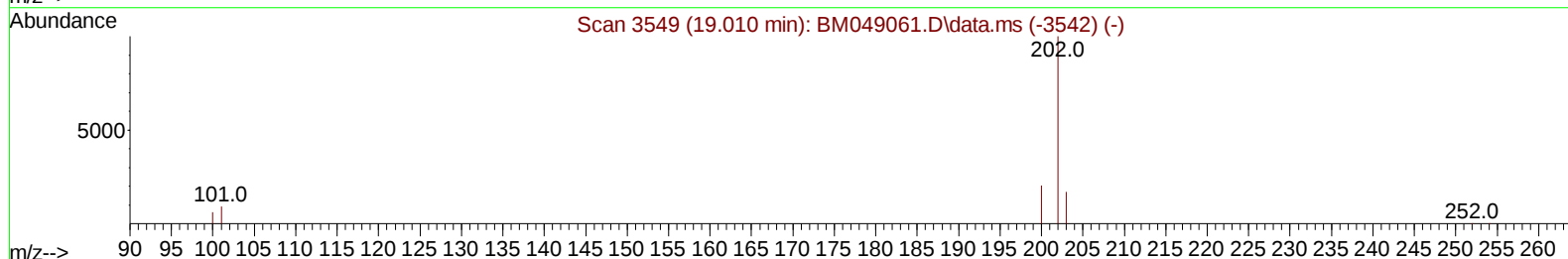
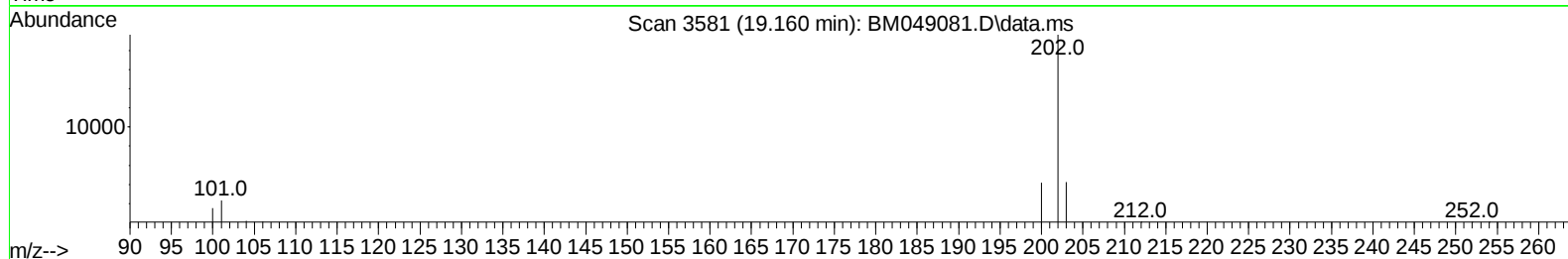
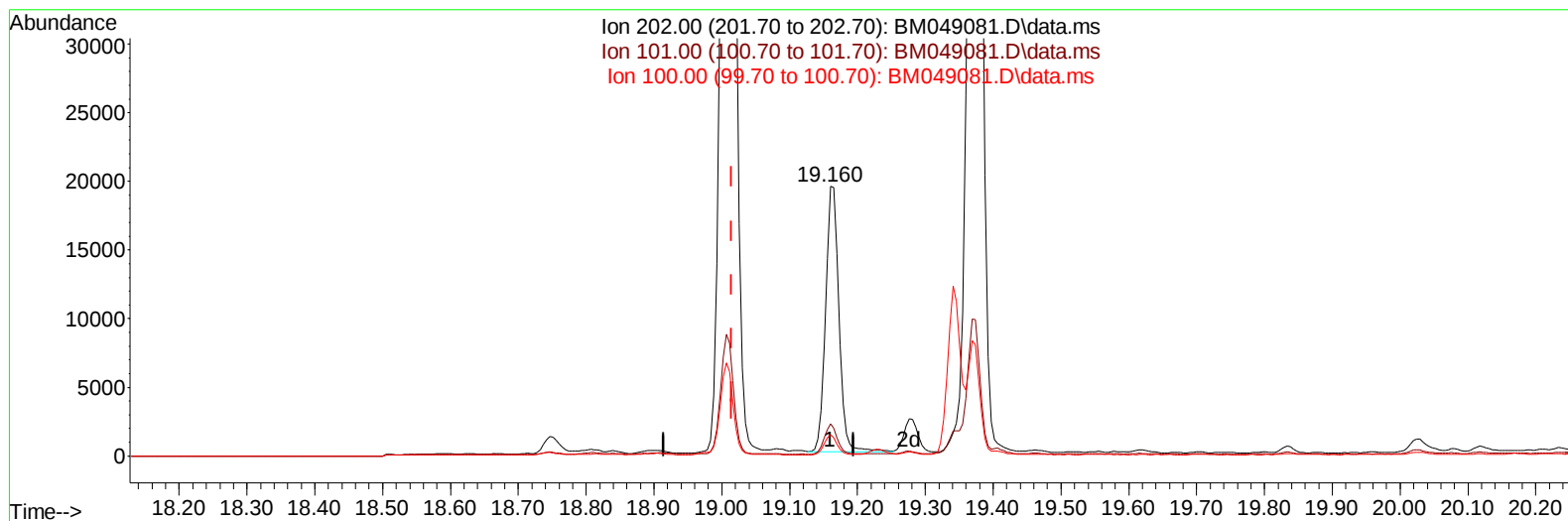
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM049081.D\data.ms

(19) Fluoranthene (C)

19.160min (+ 0.145) 0.40 ng/u1

response 26076

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	12.05#
100.00	6.90	7.85
0.00	0.00	0.00

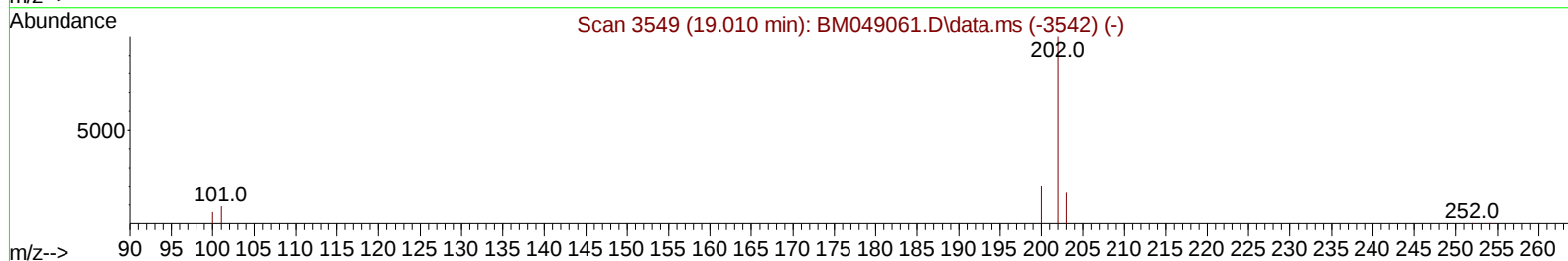
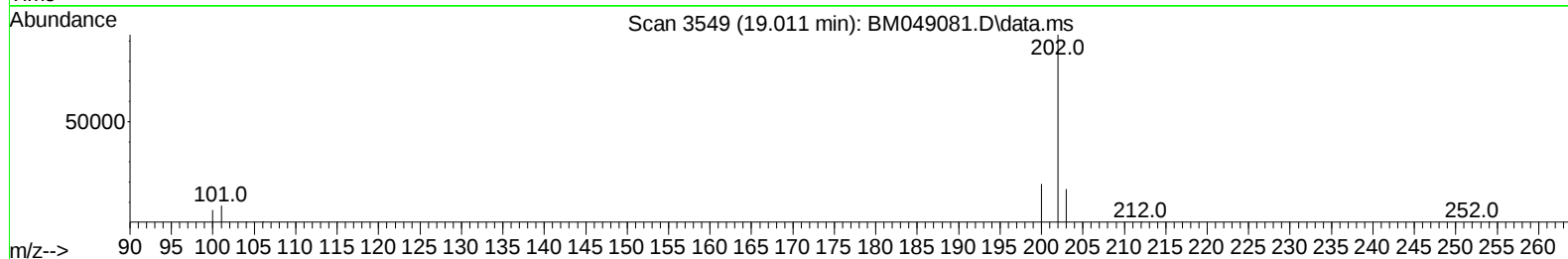
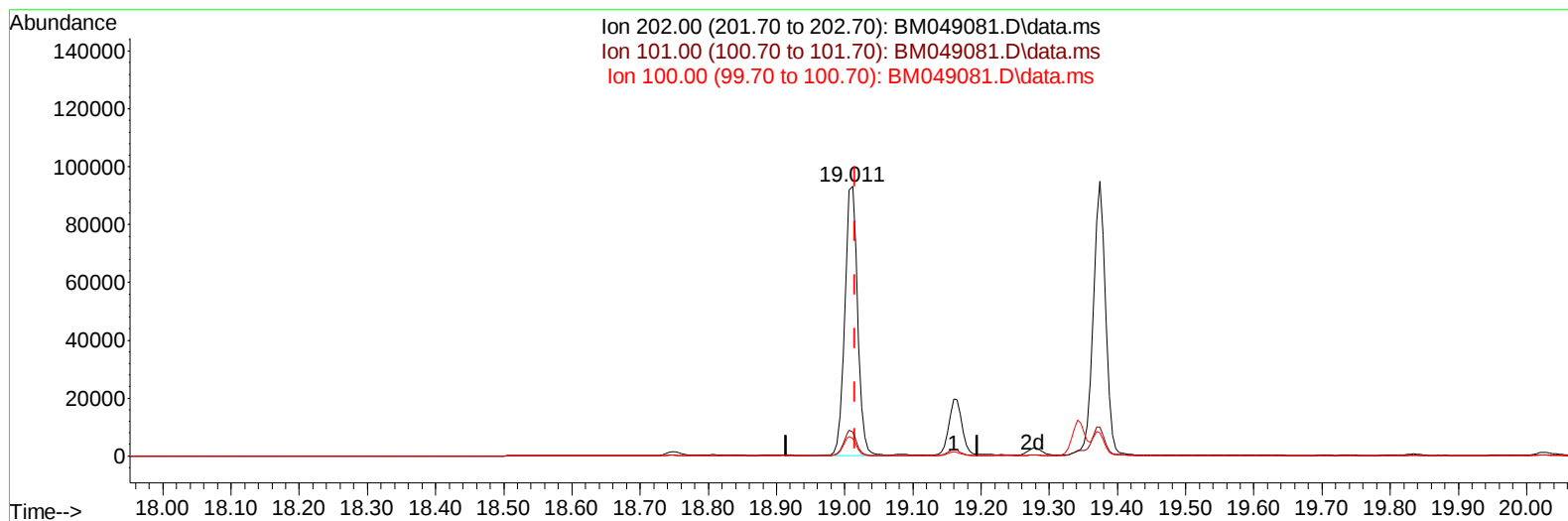
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(19) Fluoranthene (C)

19.011min (-0.003) 1.90 ng/ul m

response 123430

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	8.79
100.00	6.90	6.59
0.00	0.00	0.00

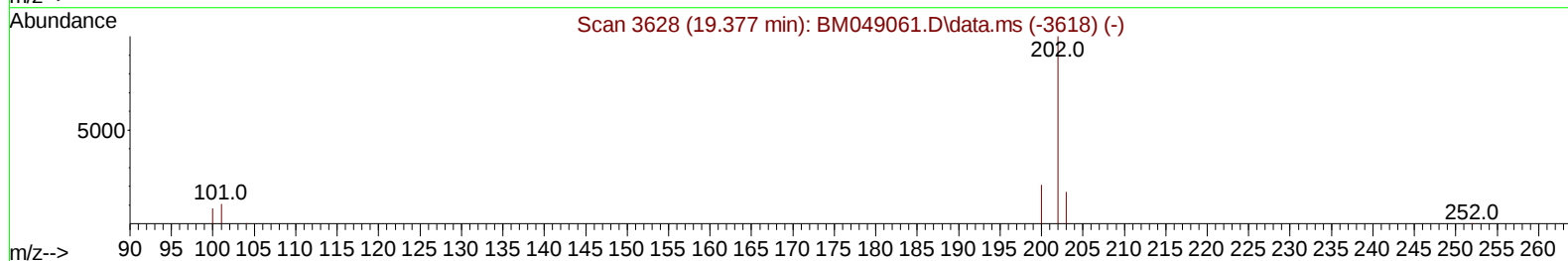
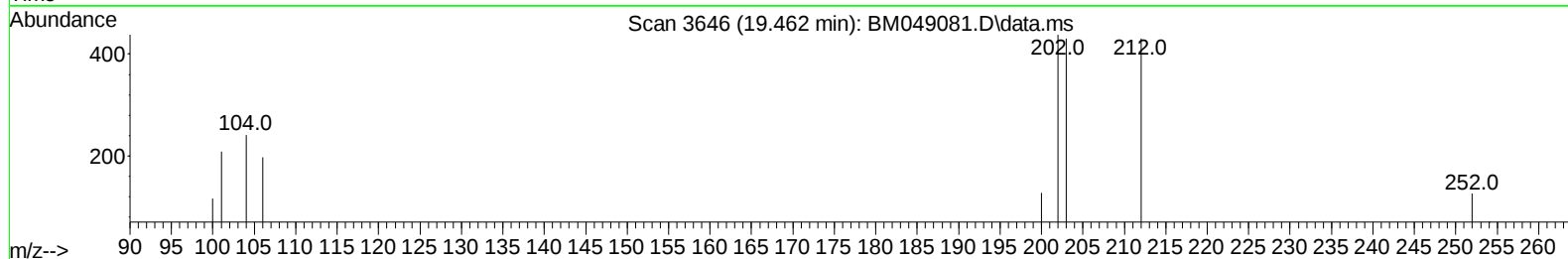
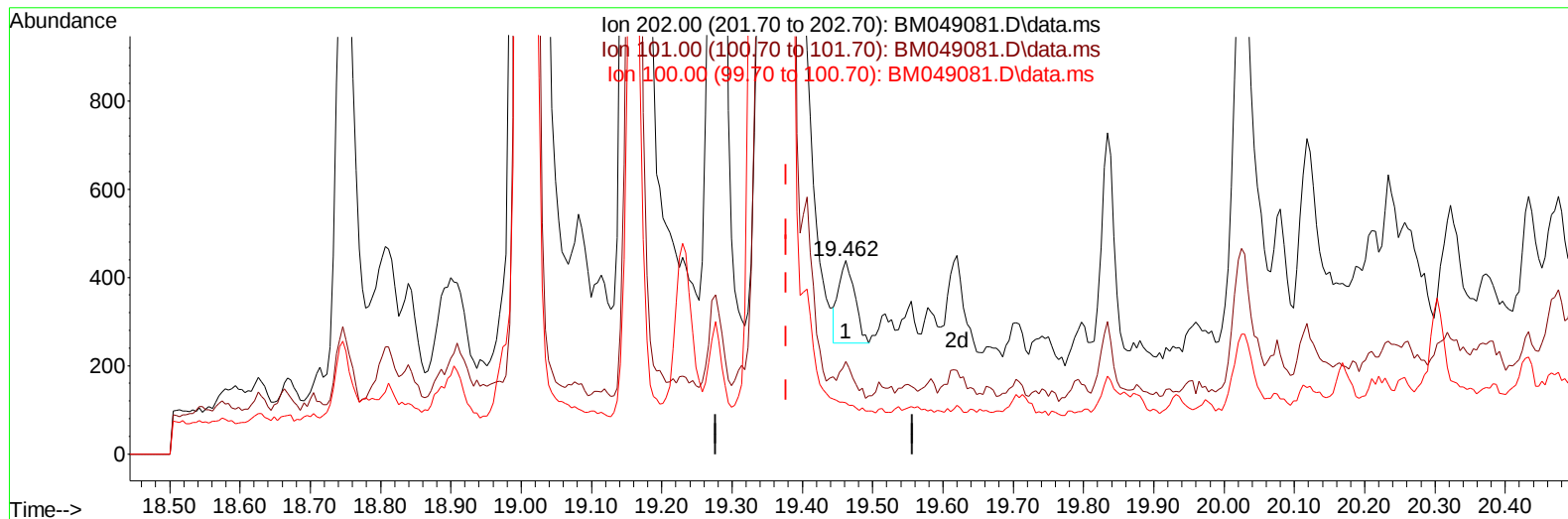
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(20) Pyrene

19.462min (+ 0.085) 0.00 ng/u1

response 299

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	47.72#
100.00	8.60	26.48#
0.00	0.00	0.00

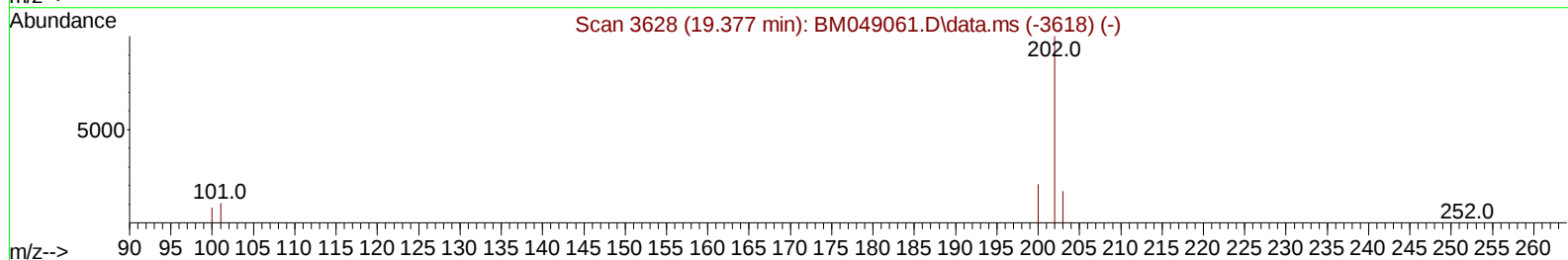
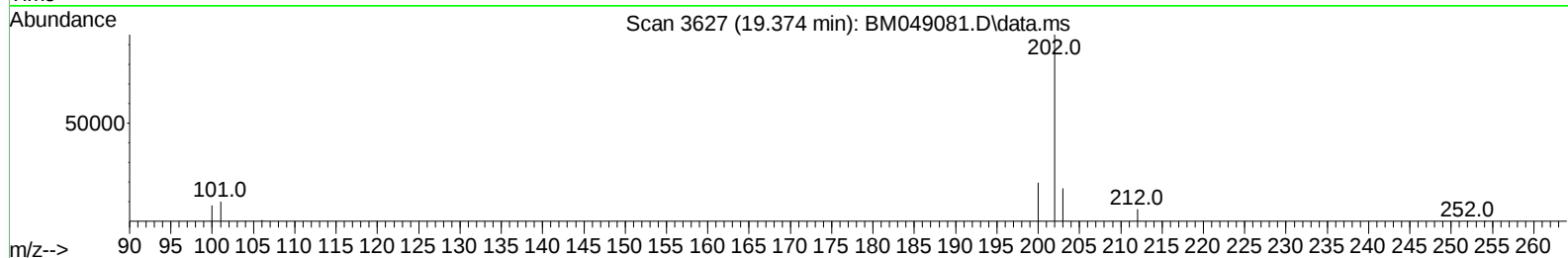
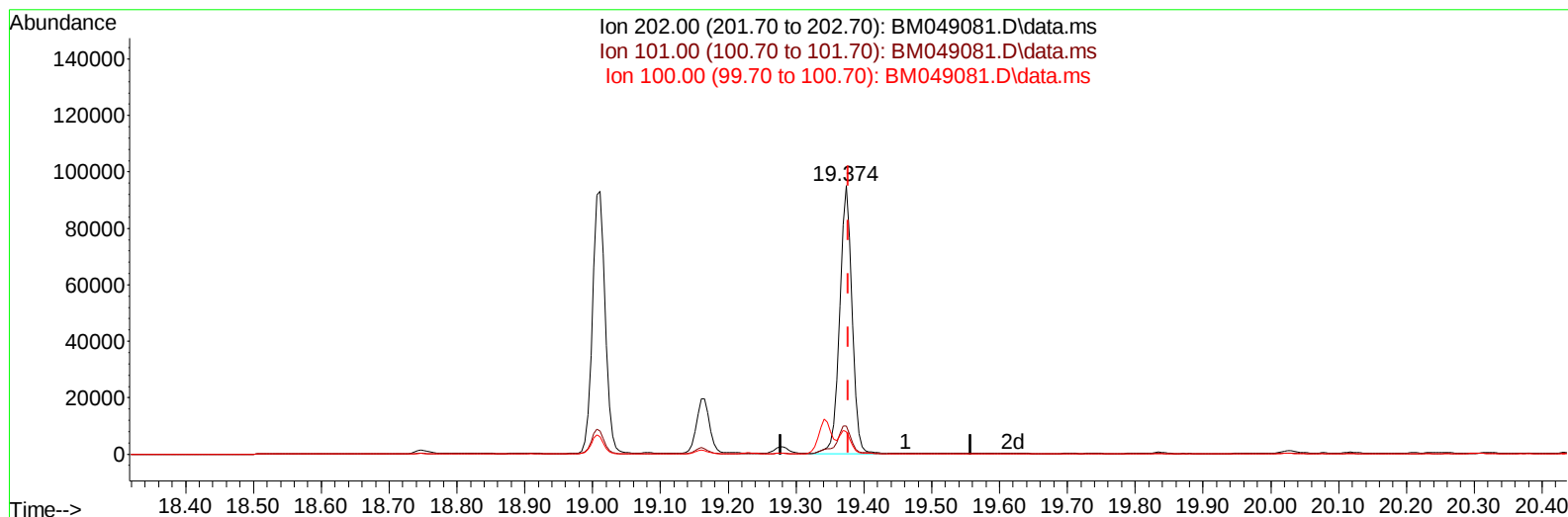
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(20) Pyrene

19.374min (-0.003) 1.72 ng/u1 m

response 119437

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	10.45
100.00	8.60	8.51
0.00	0.00	0.00

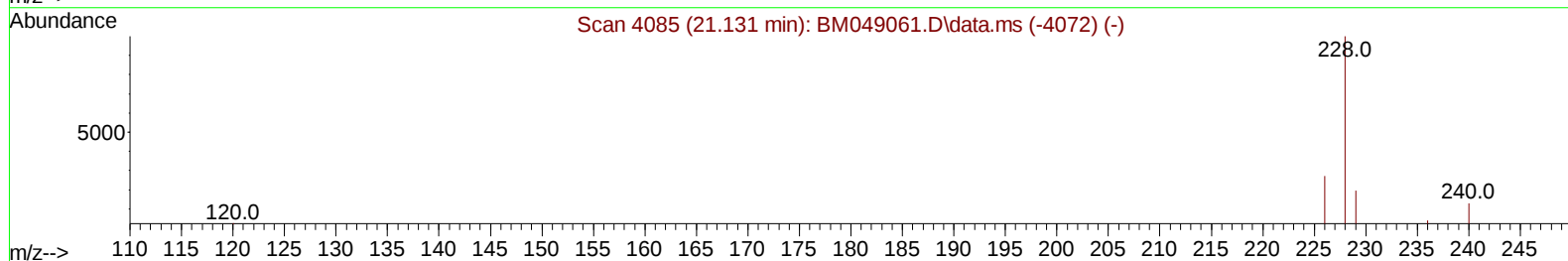
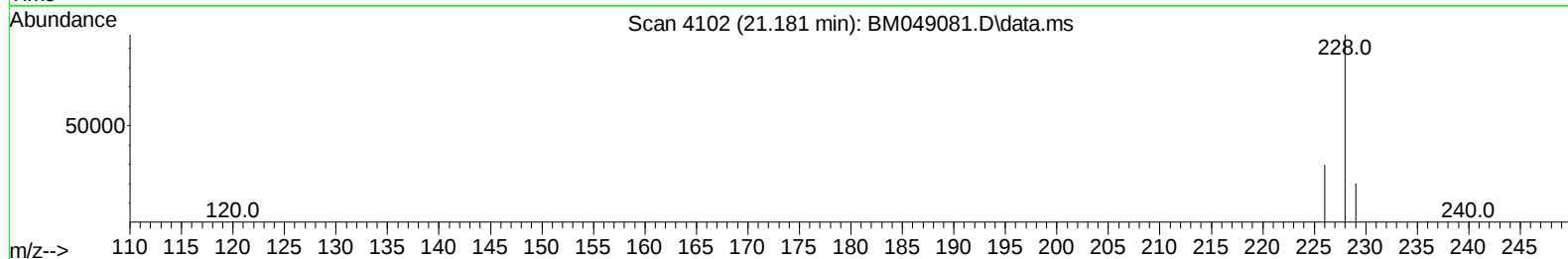
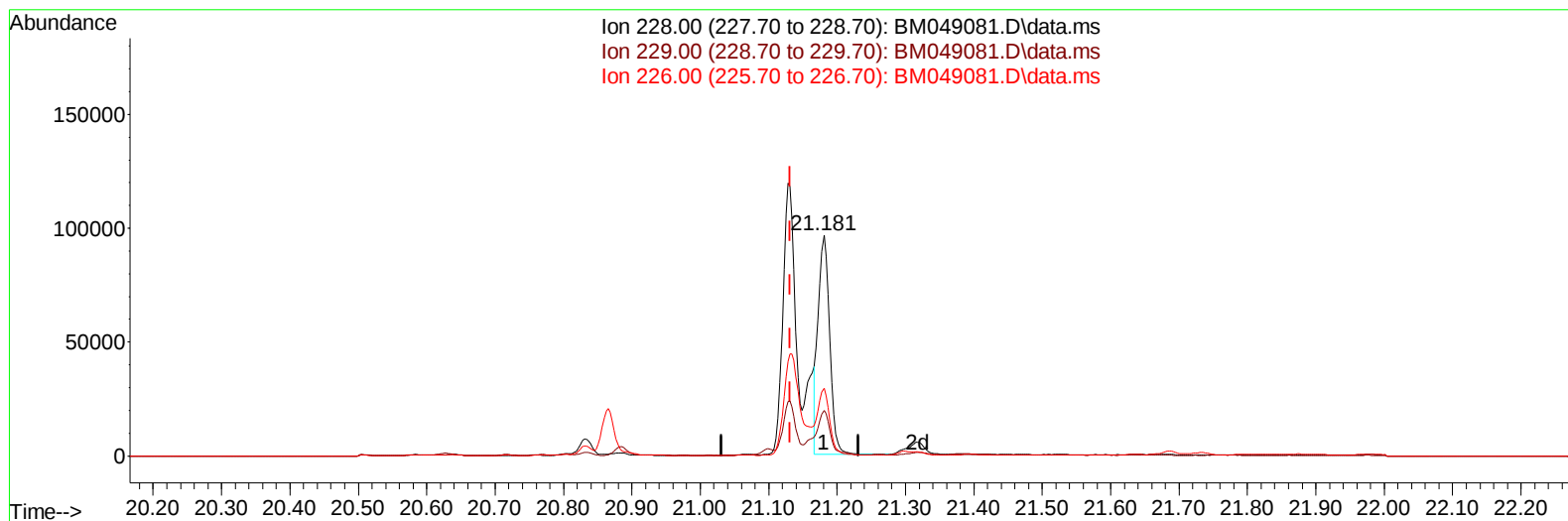
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(21) Benzo(a)anthracene

21.181min (+ 0.049) 1.82 ng/u1

response 113821

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.72
226.00	28.30	30.64
0.00	0.00	0.00

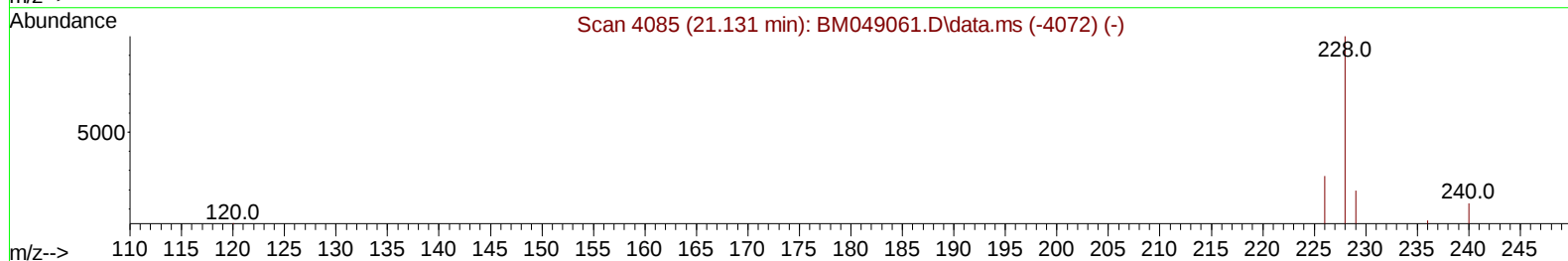
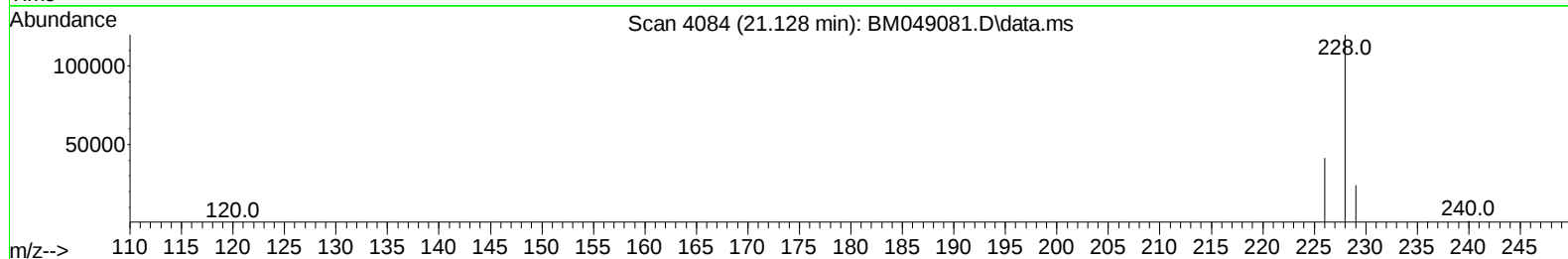
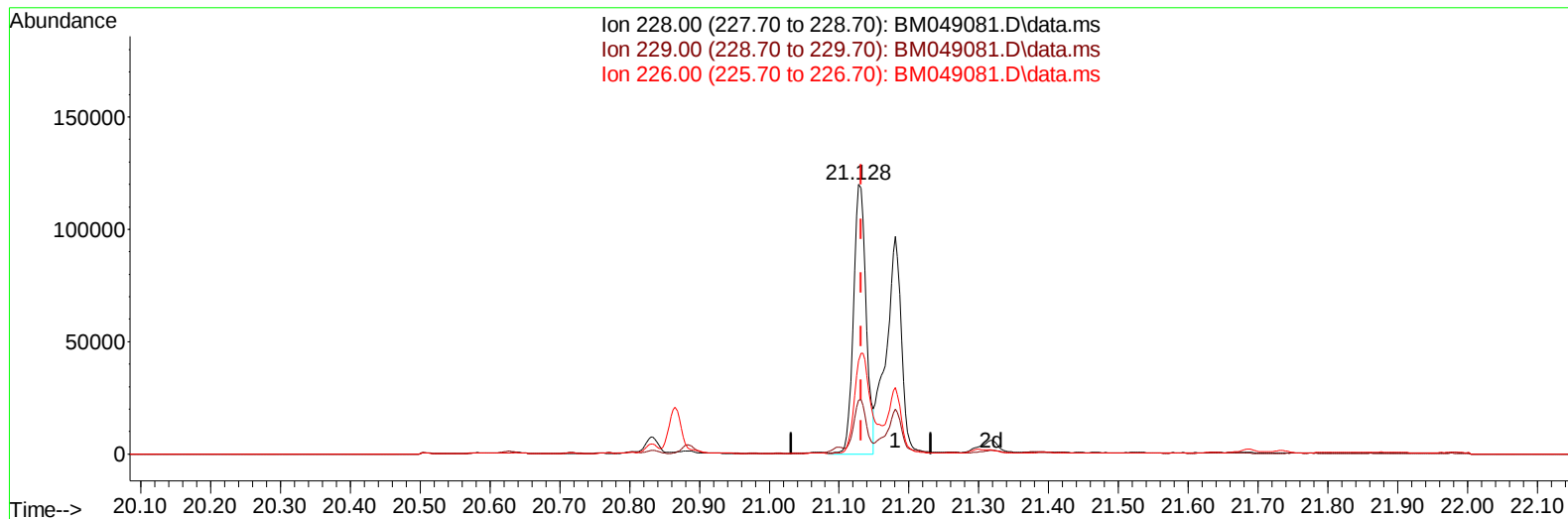
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(21) Benzo(a)anthracene

21.128min (-0.003) 2.42 ng/u1 m

response 151794

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	19.97
226.00	28.30	34.64#
0.00	0.00	0.00

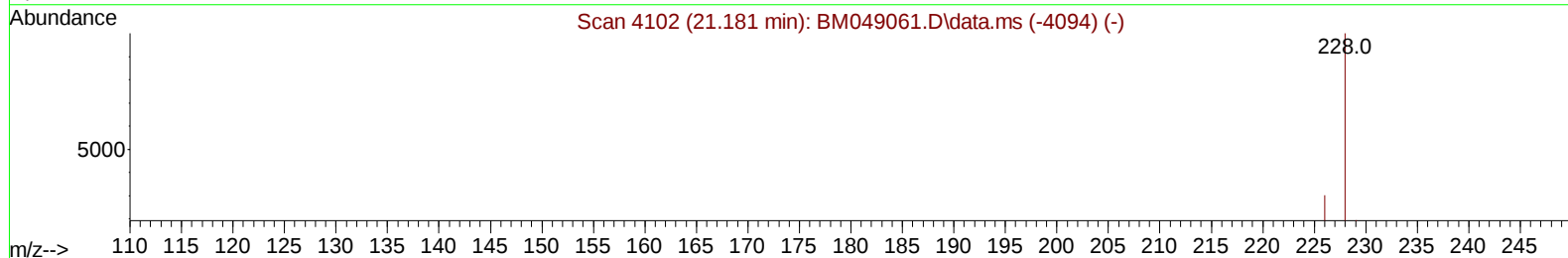
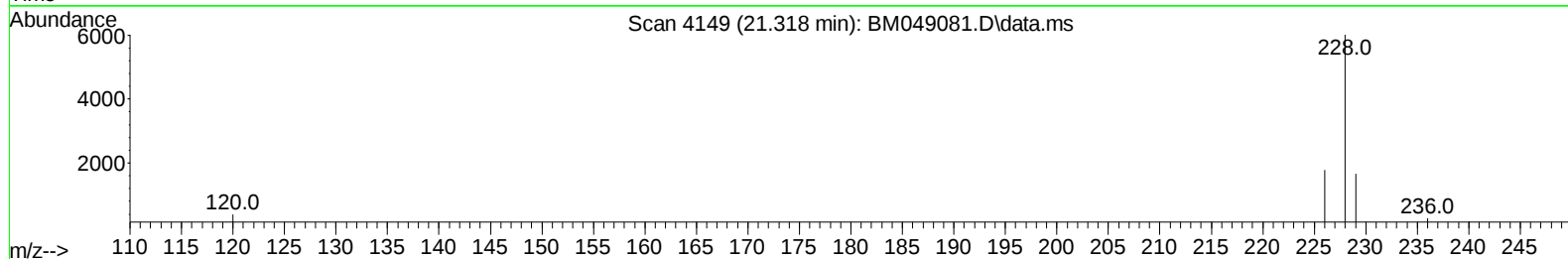
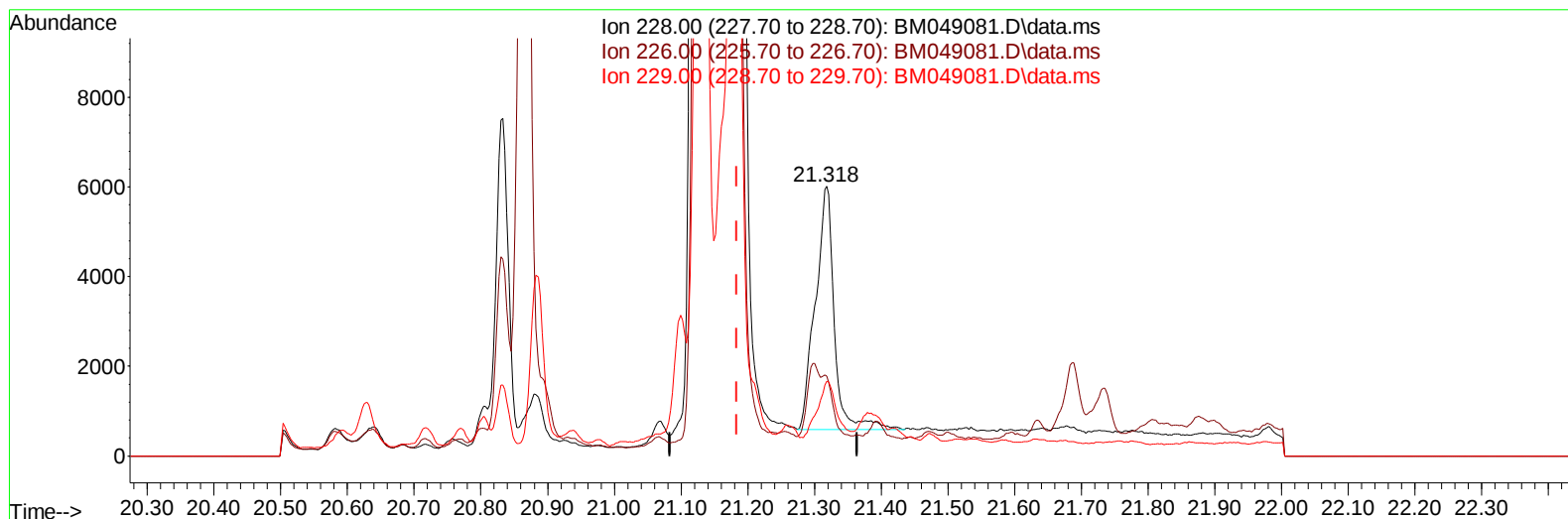
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(22) Chrysene

21.318min (+ 0.134) 0.16 ng/u1

response 10687

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	29.66
229.00	19.80	27.63#
0.00	0.00	0.00

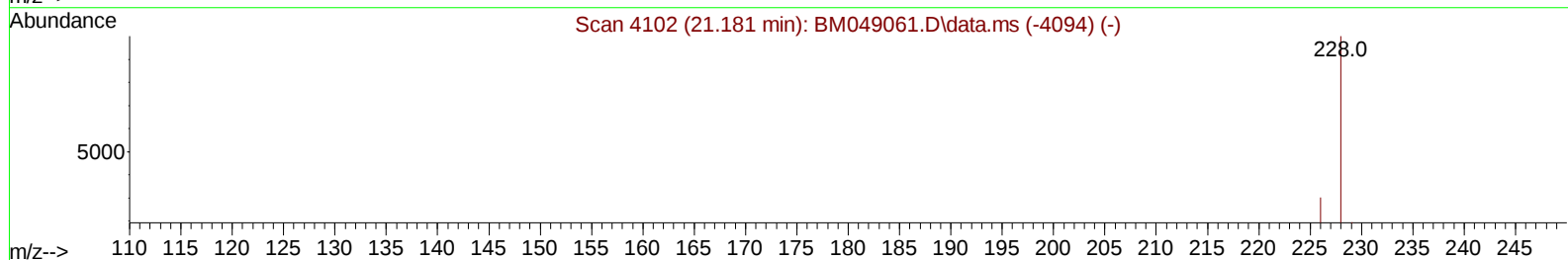
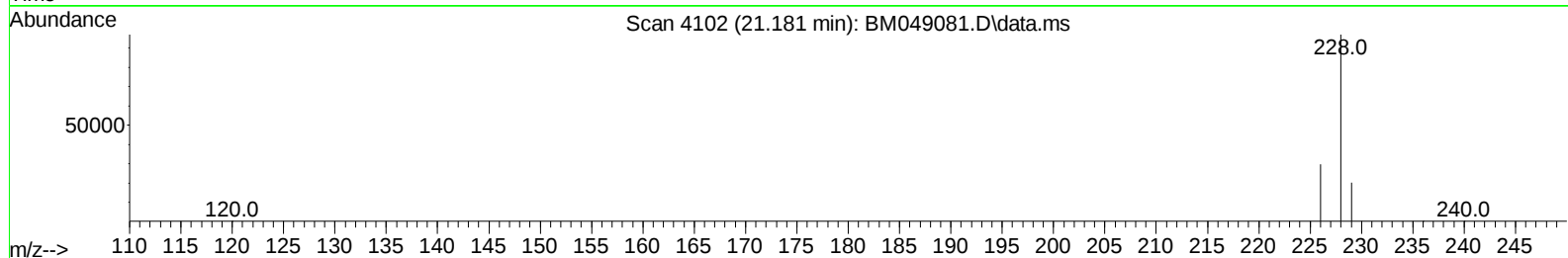
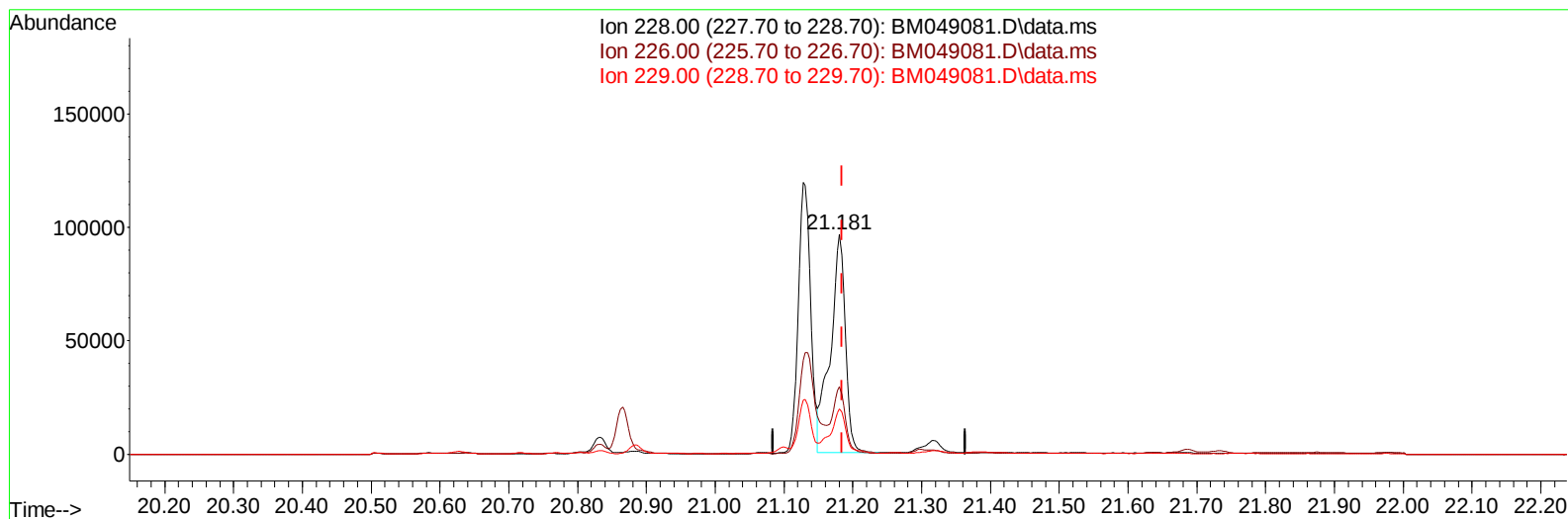
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(22) Chrysene

21.181min (-0.003) 2.18 ng/ul m

response 146624

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	30.64
229.00	19.80	20.72
0.00	0.00	0.00

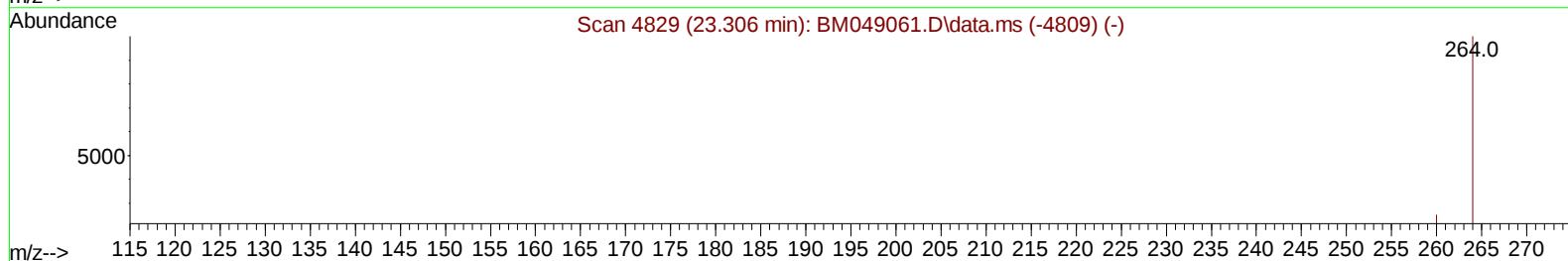
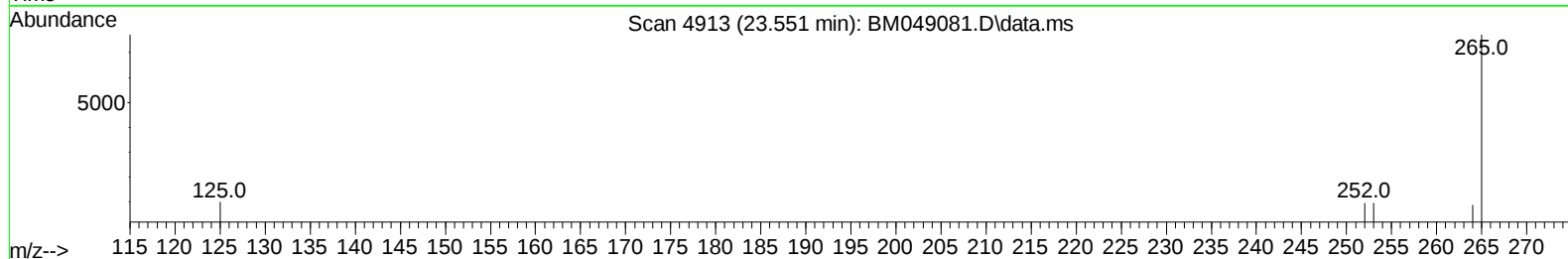
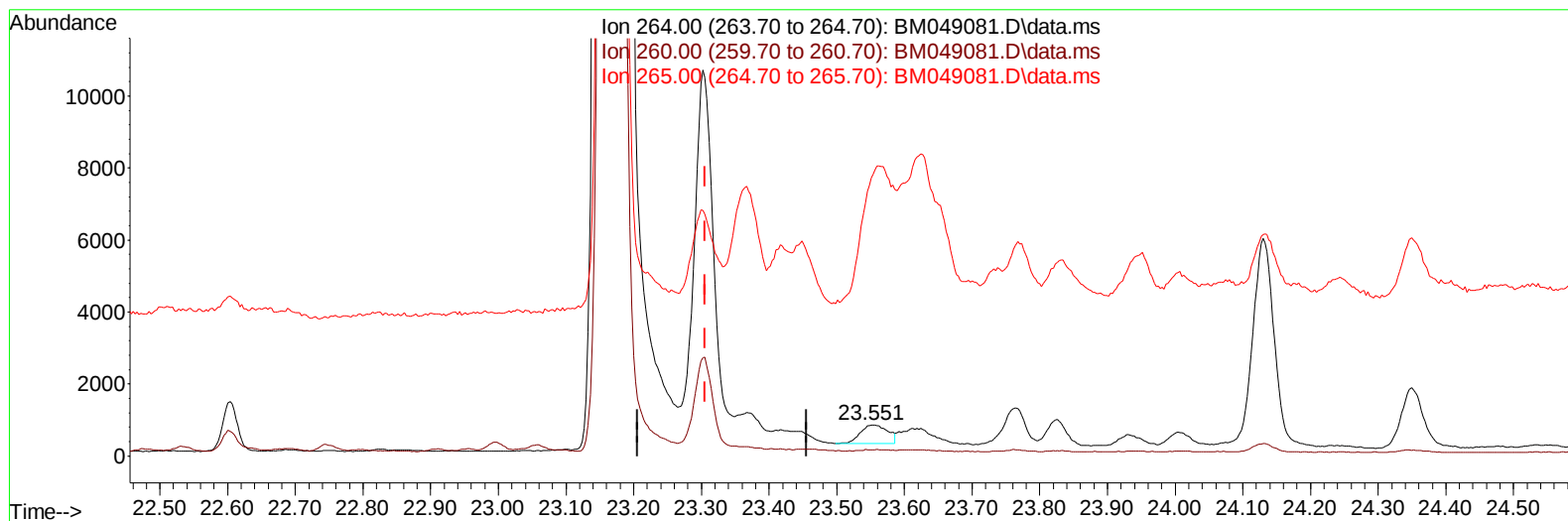
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(23) Perylene-d12 (I)

23.551min (+ 0.245) 0.40 ng/u1

response 1456

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	20.63#
265.00	78.30	895.48#
0.00	0.00	0.00

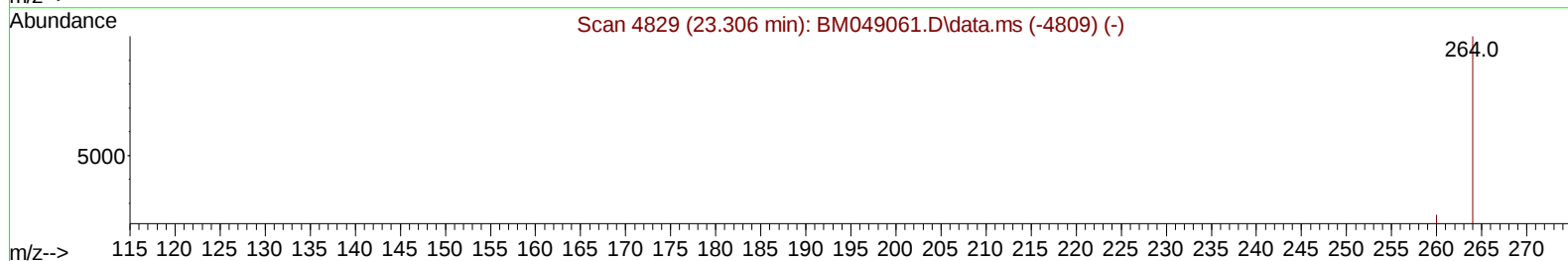
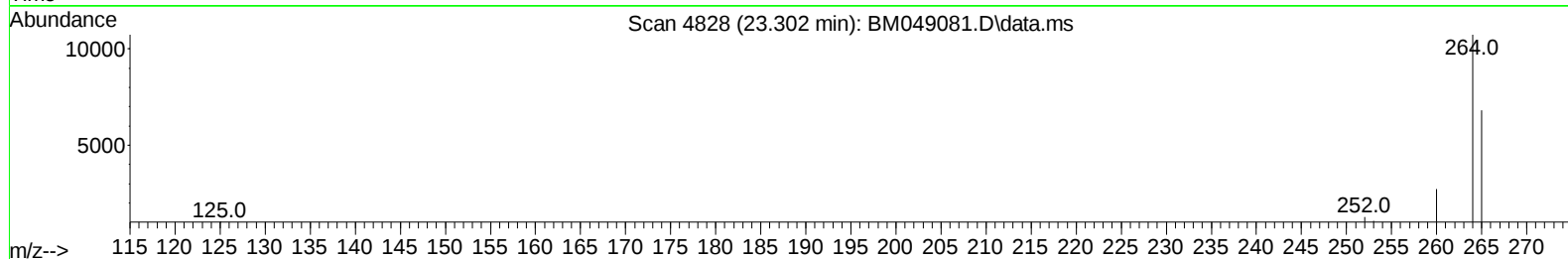
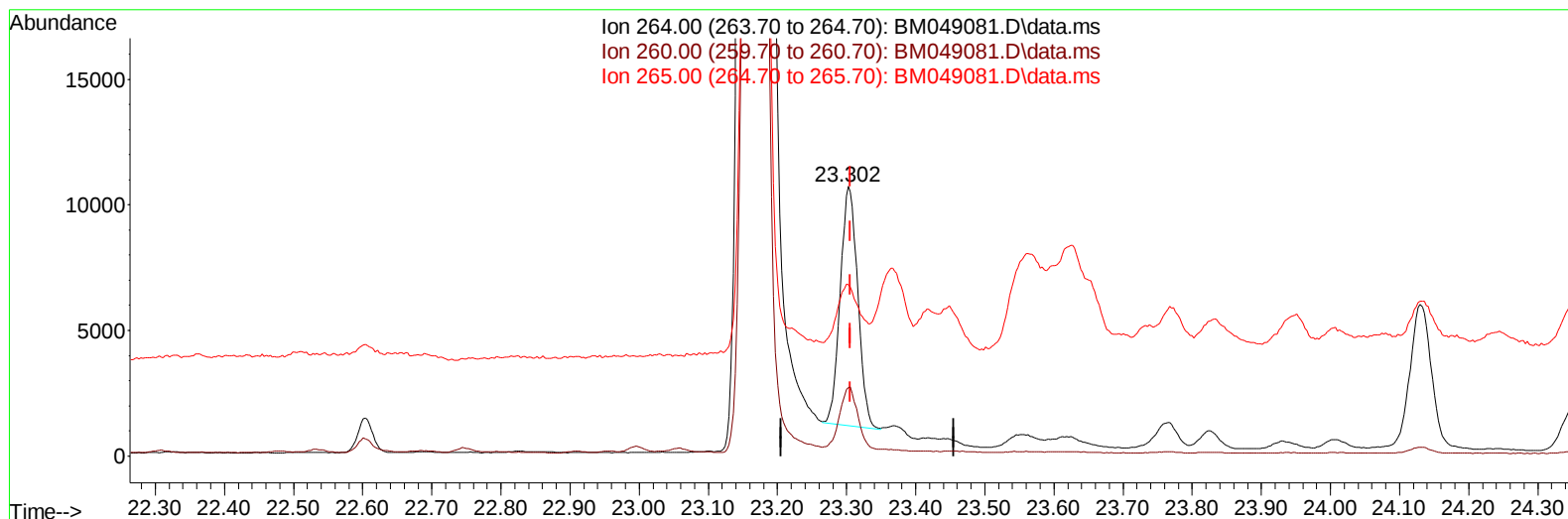
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(23) Perylene-d12 (I)

23.302min (-0.003) 0.40 ng/ul m

response 16797

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.40
265.00	78.30	63.51
0.00	0.00	0.00

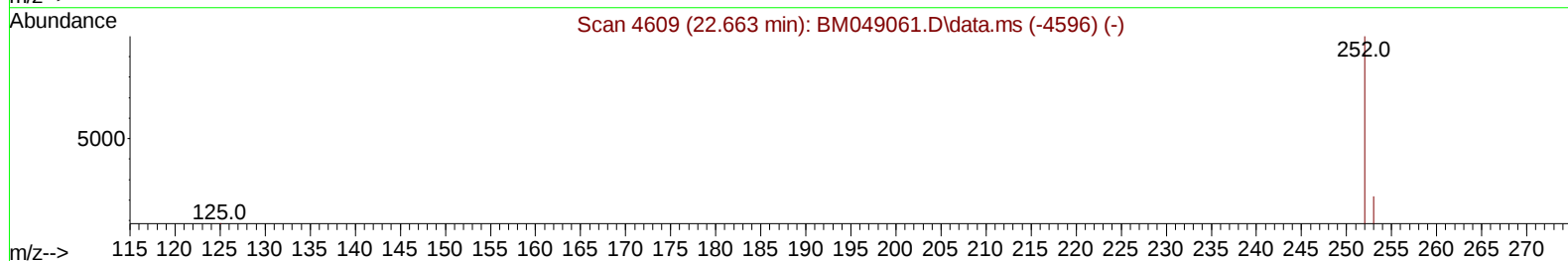
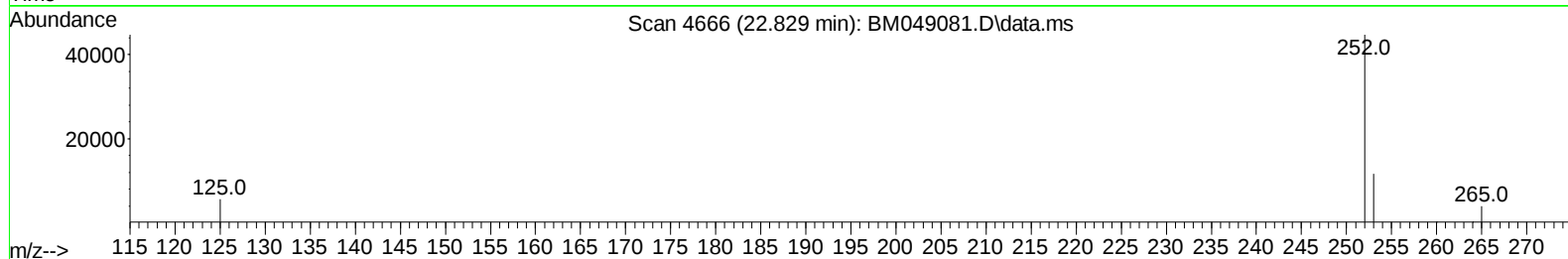
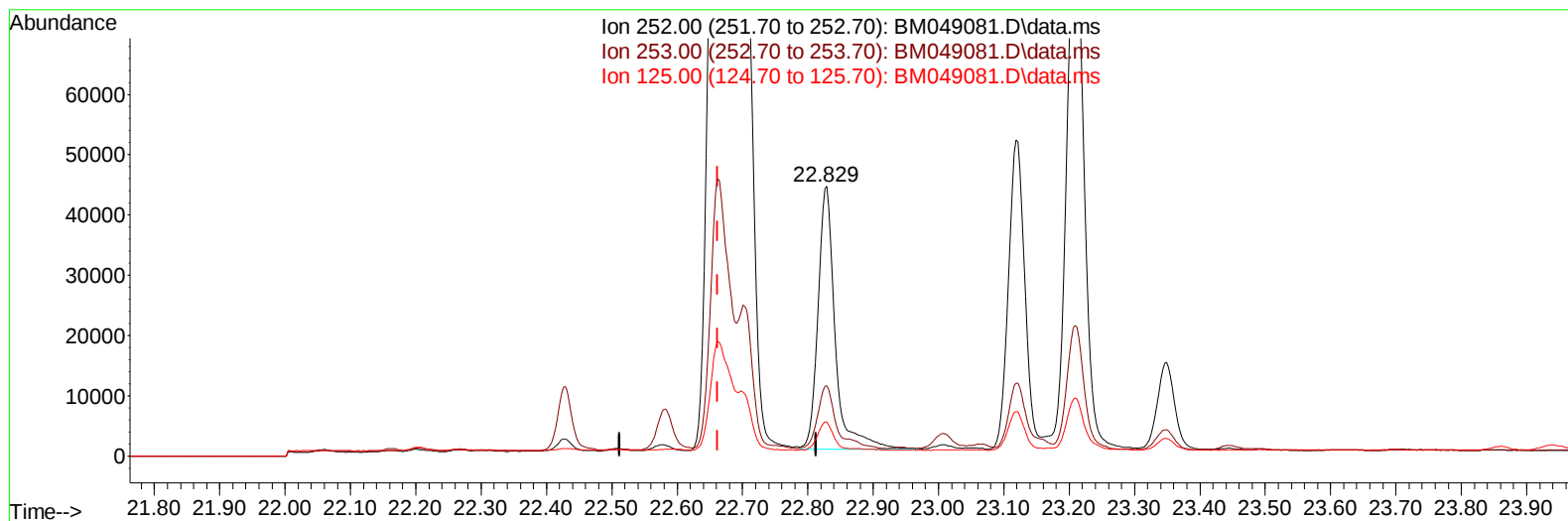
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(24) Benzo(b)fluoranthene

22.829min (+ 0.166) 1.49 ng/u1

response 79979

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	26.17
125.00	15.40	12.61
0.00	0.00	0.00

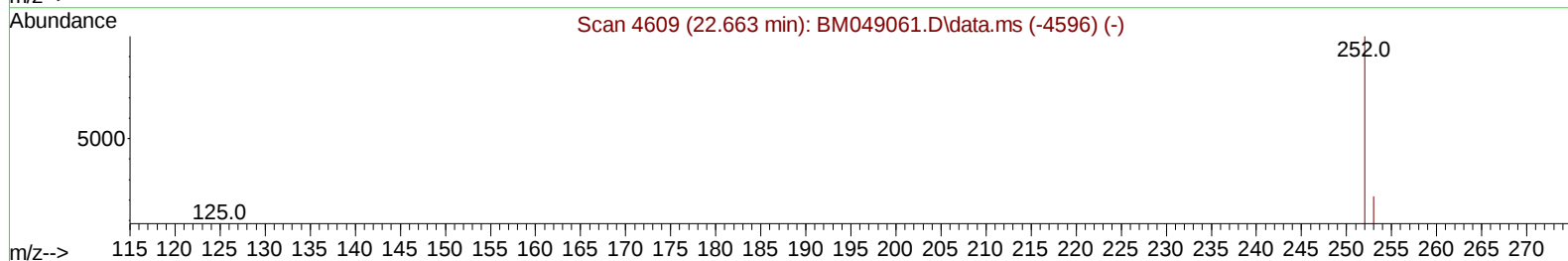
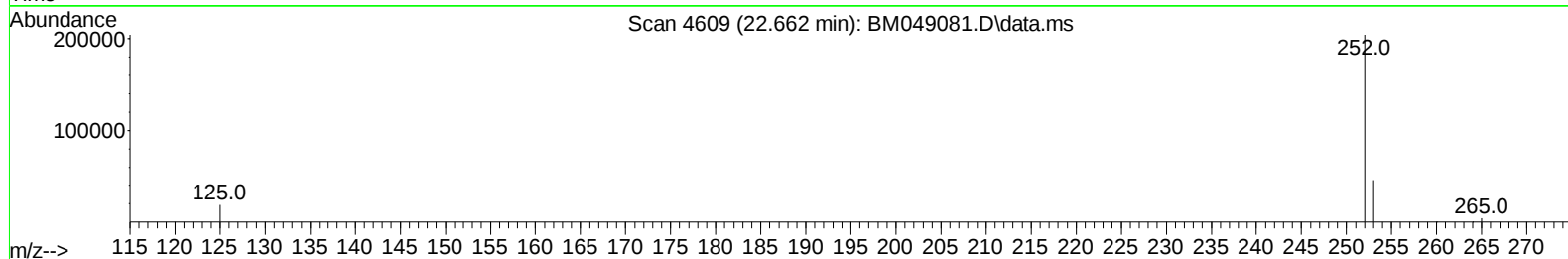
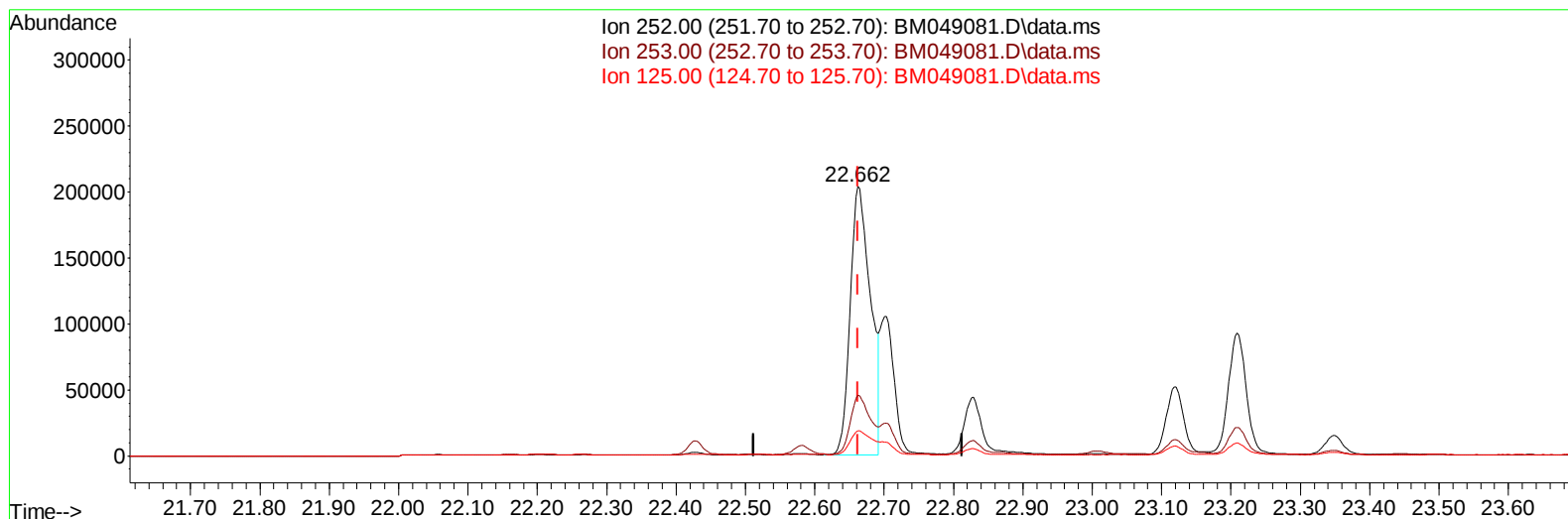
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(24) Benzo(b)fluoranthene

22.662min (-0.000) 7.73 ng/u1 m

response 414913

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	22.53
125.00	15.40	9.31
0.00	0.00	0.00

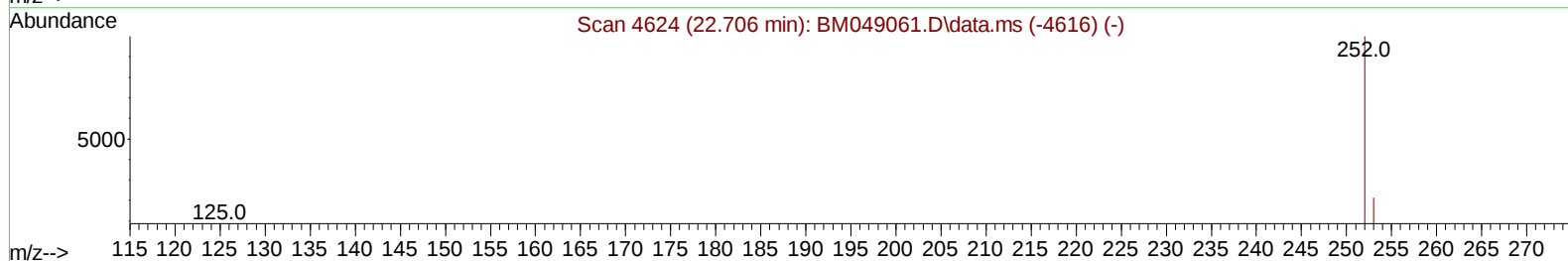
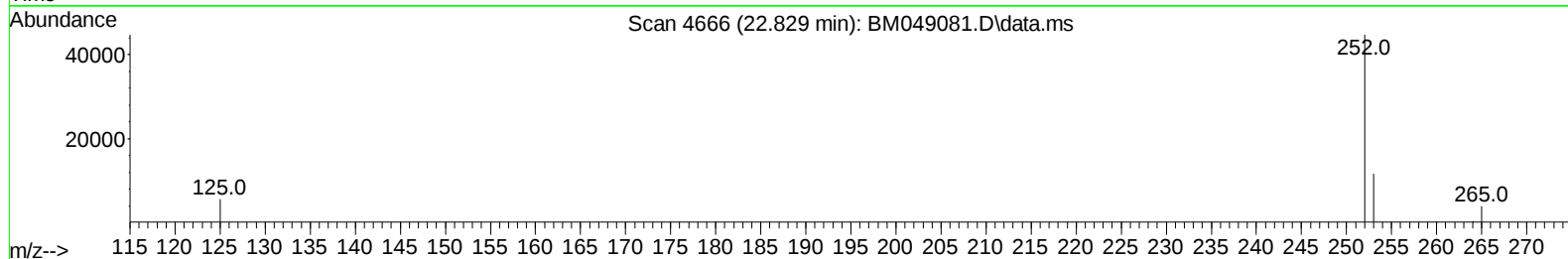
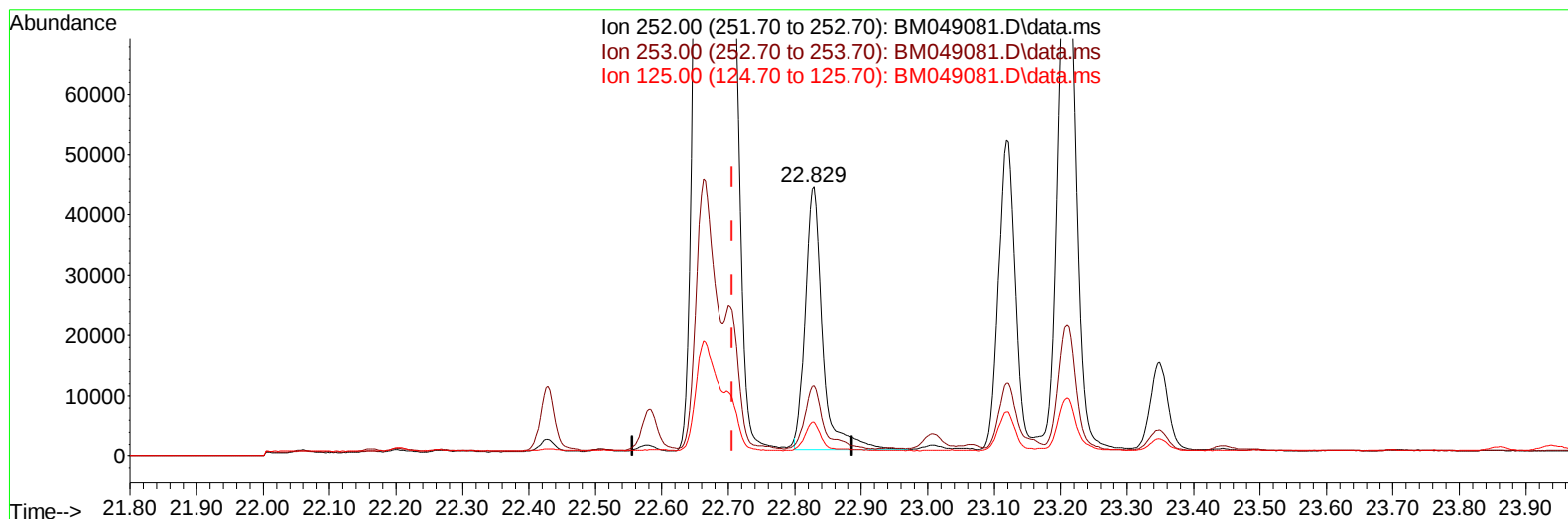
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(25) Benzo(k)fluoranthene

22.829min (+ 0.122) 1.35 ng/u1

response 79271

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	26.17
125.00	15.70	12.61
0.00	0.00	0.00

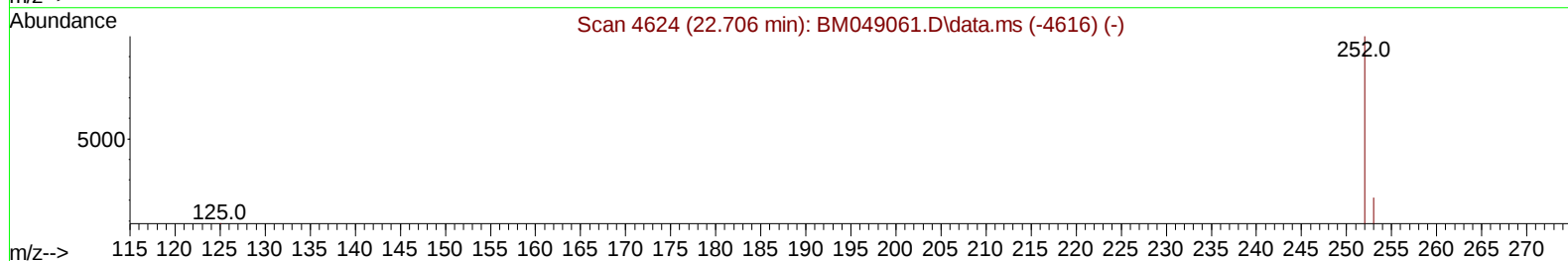
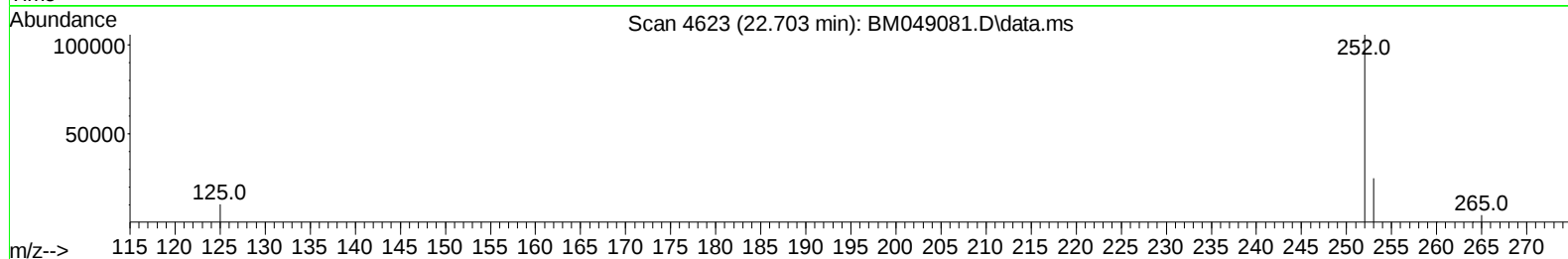
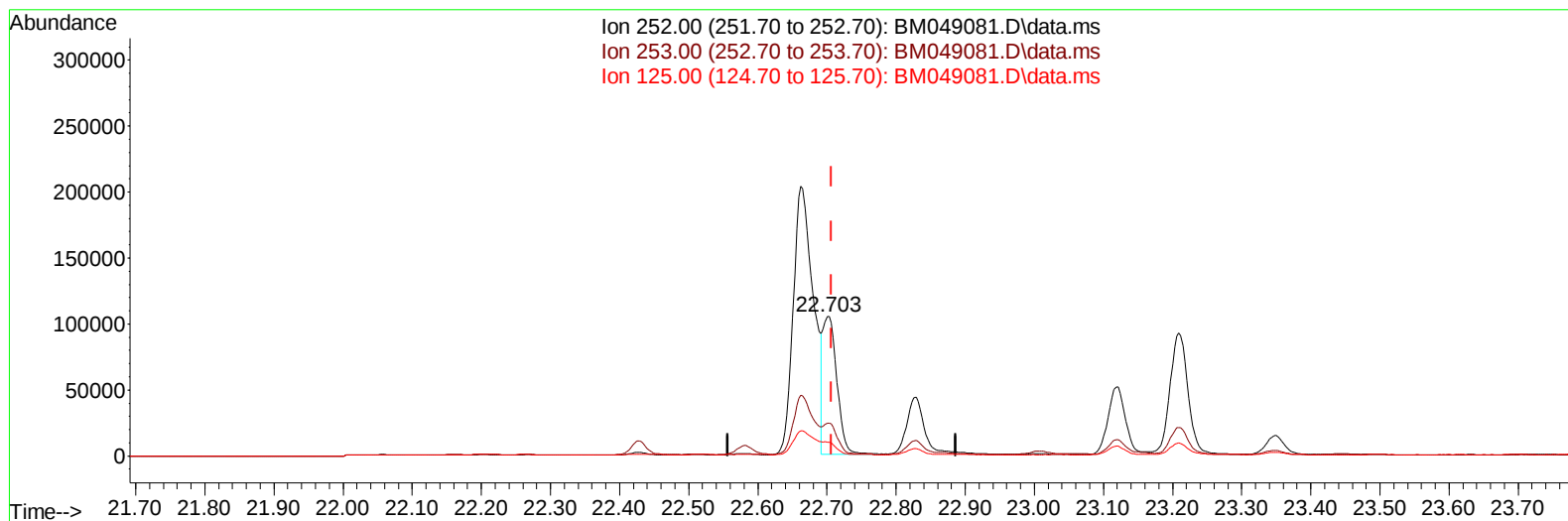
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(25) Benzo(k)fluoranthene

22.703min (-0.003) 2.50 ng/u1 m

response 147396

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	23.50
125.00	15.70	9.77#
0.00	0.00	0.00

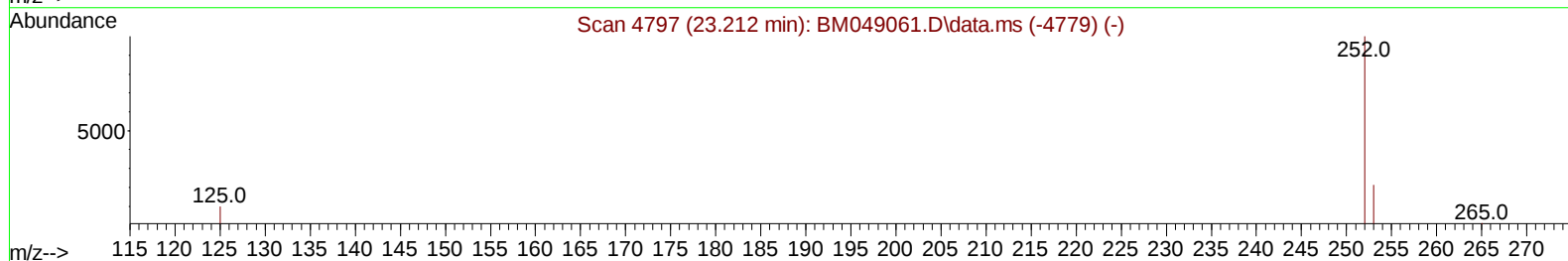
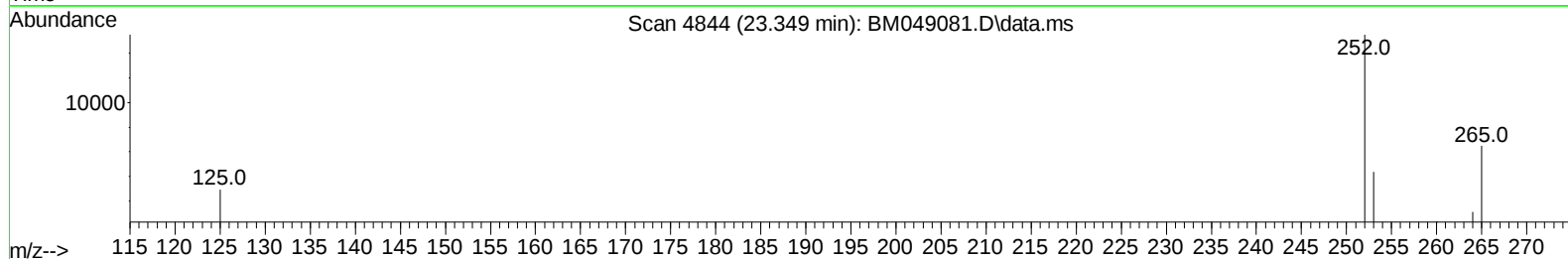
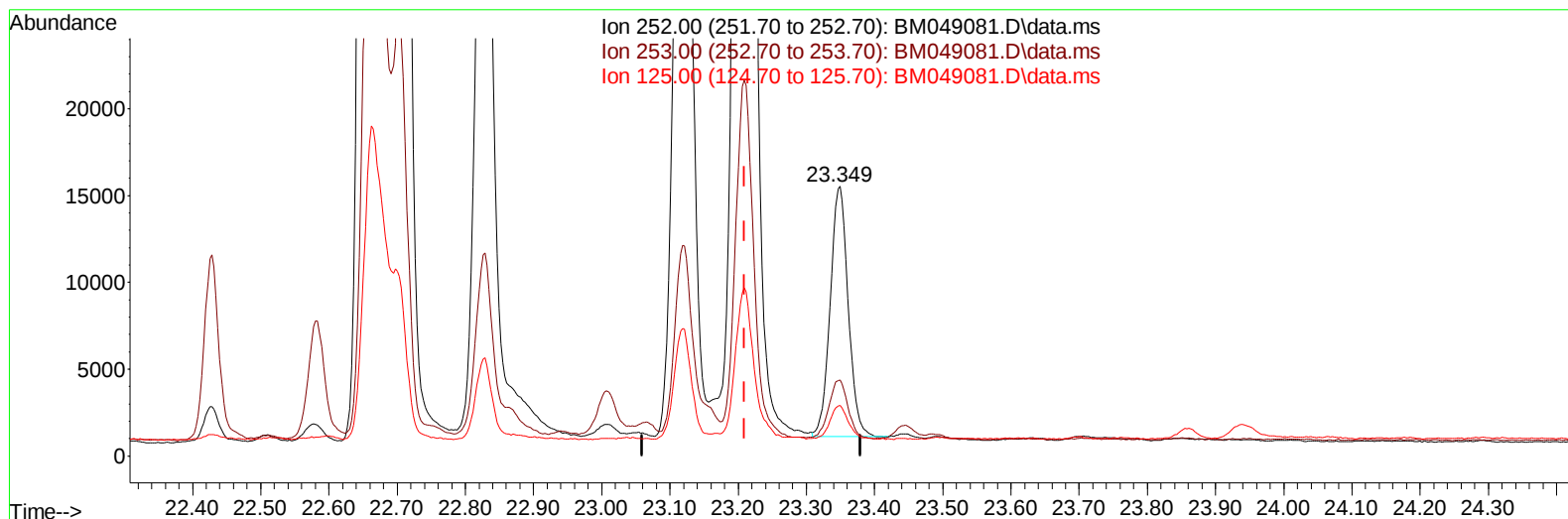
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(26) Benzo(a)pyrene (C)

23.349min (+ 0.140) 0.51 ng/u1

response 26444

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	28.14
125.00	18.50	18.79
0.00	0.00	0.00

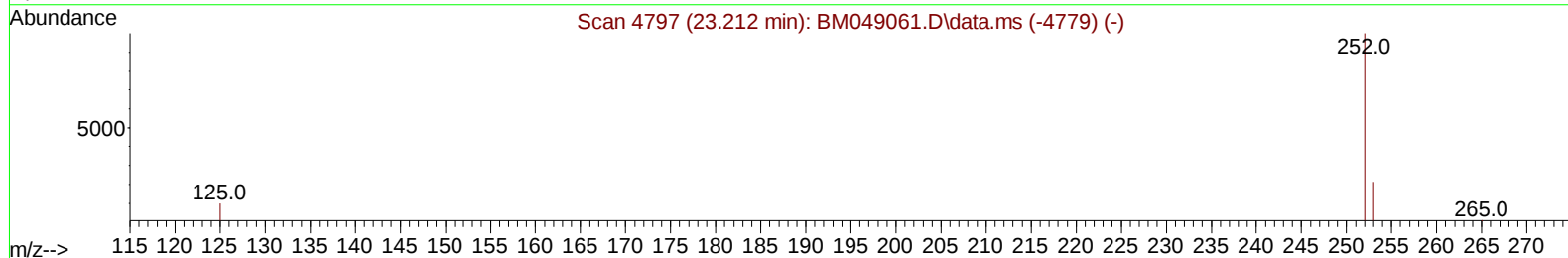
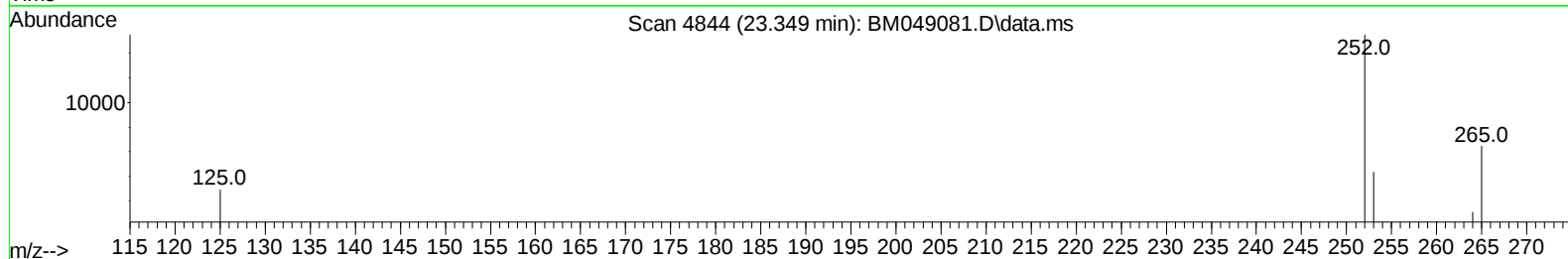
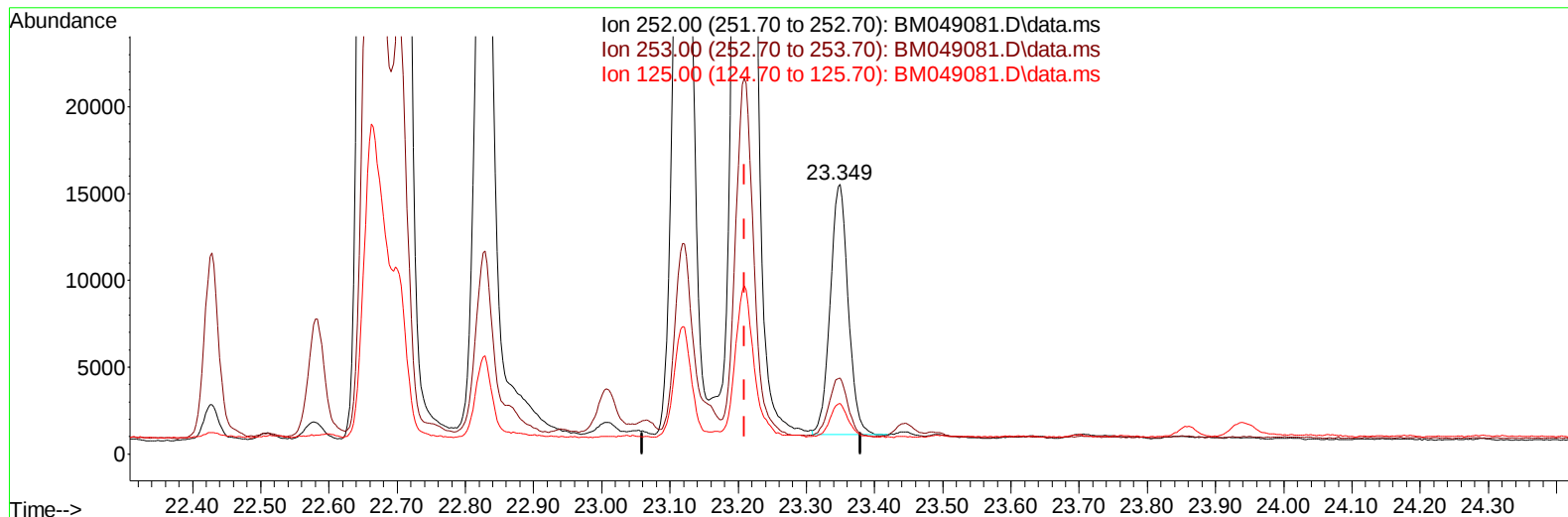
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(26) Benzo(a)pyrene (C)

23.349min (+ 0.140) 0.51 ng/u1

response 26444

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	28.14
125.00	18.50	18.79
0.00	0.00	0.00

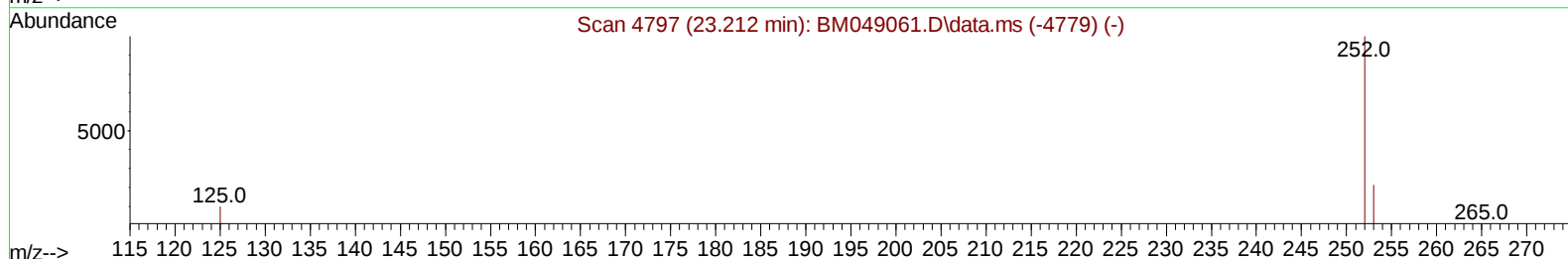
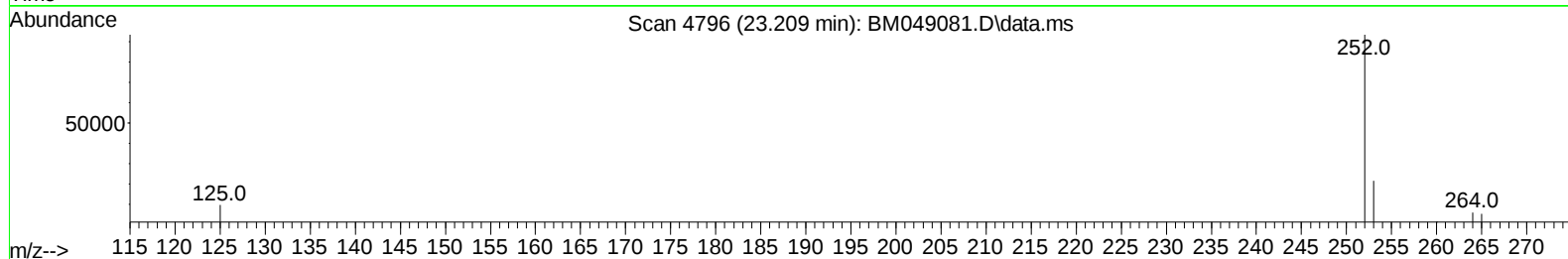
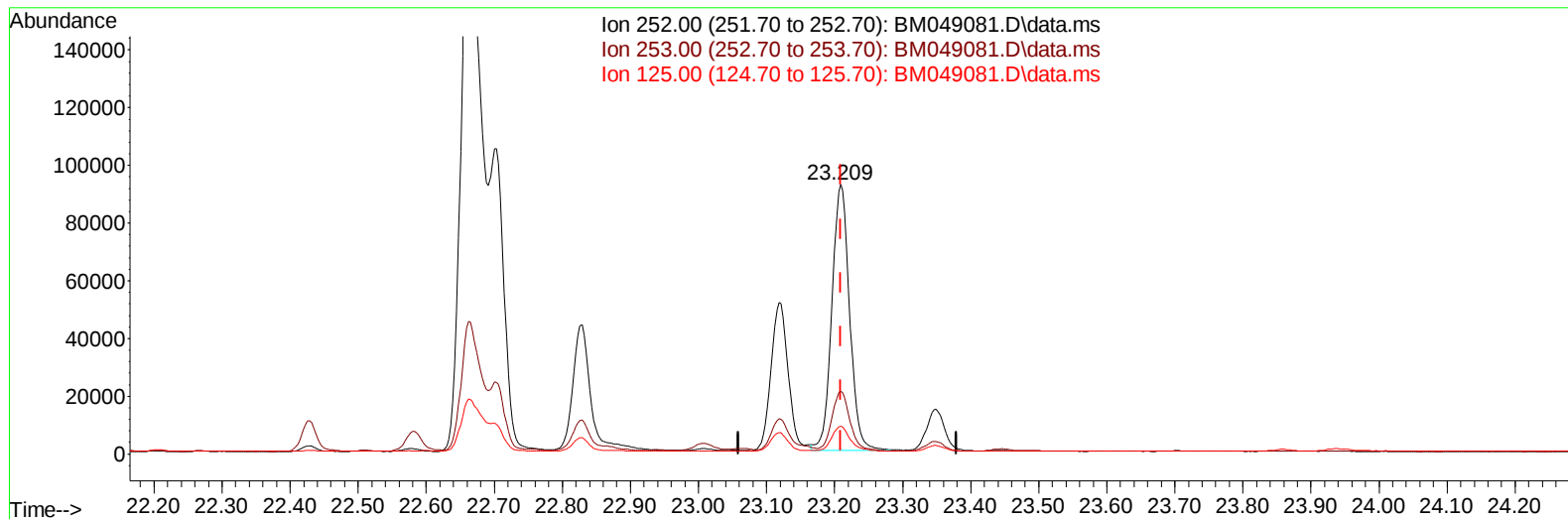
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(26) Benzo(a)pyrene (C)

23.209min (-0.000) 3.24 ng/u1 m

response 166494

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	23.17
125.00	18.50	10.38#
0.00	0.00	0.00

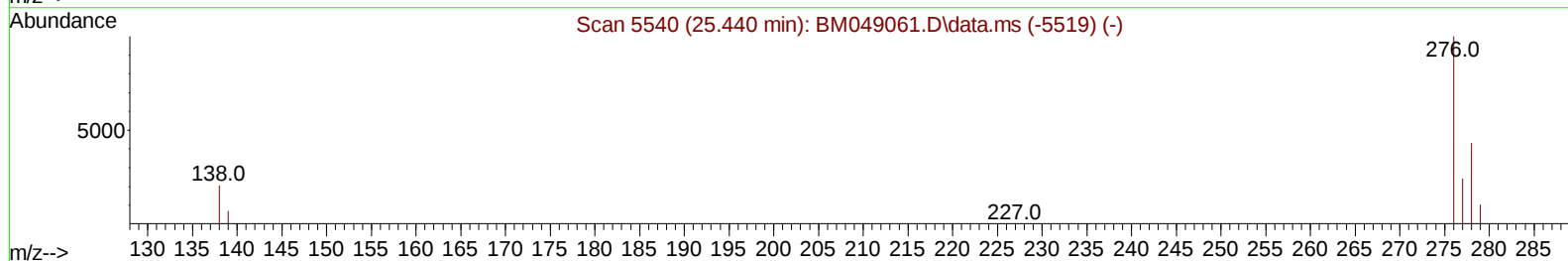
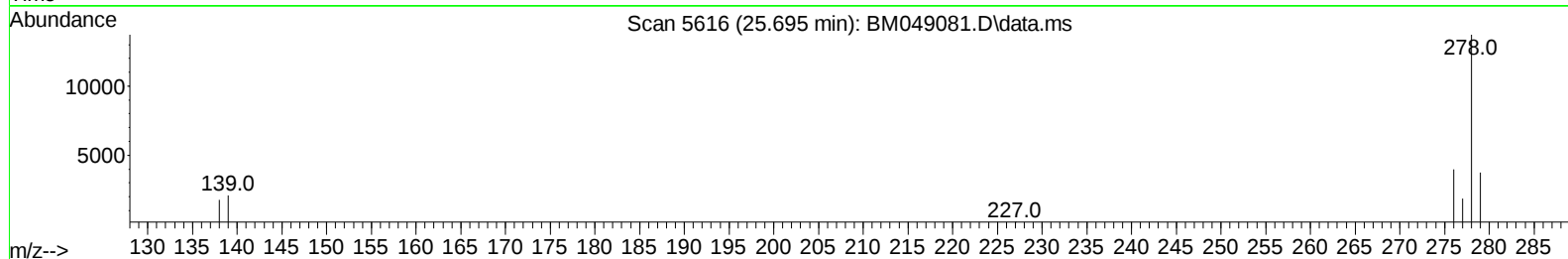
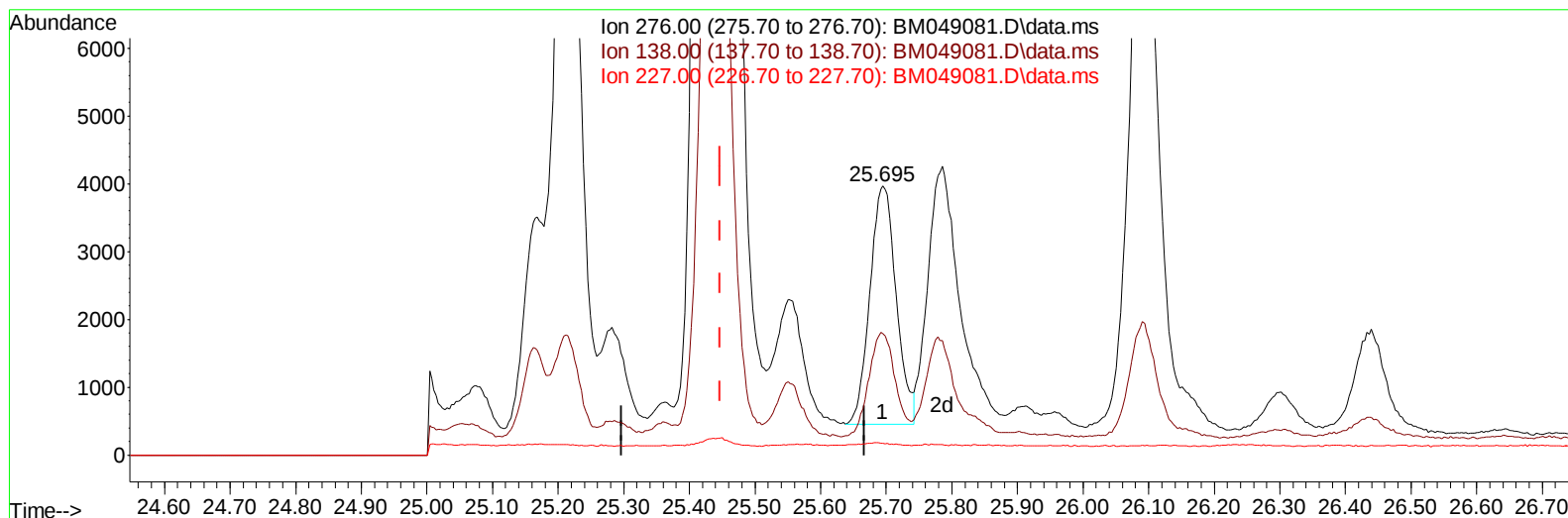
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

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TIC: BM049081.D\data.ms

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

25.695min (+ 0.248) 0.13 ng/u1

response 9772

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	44.49#
227.00	0.20	1.39#
0.00	0.00	0.00

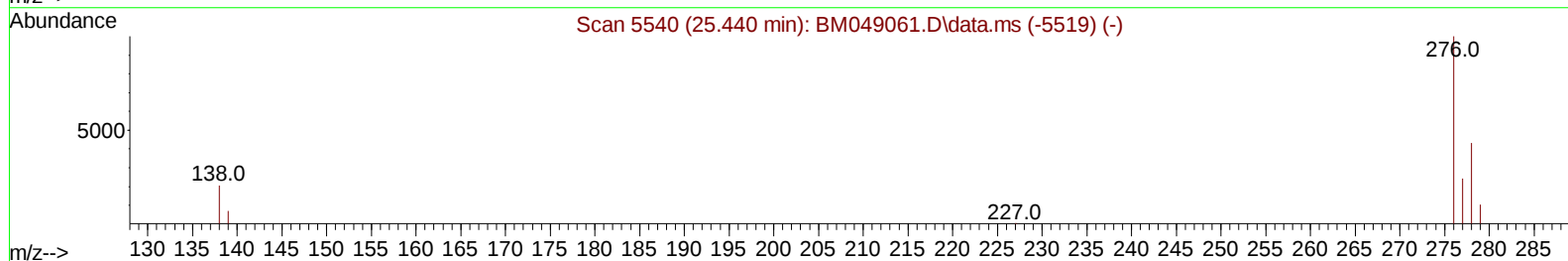
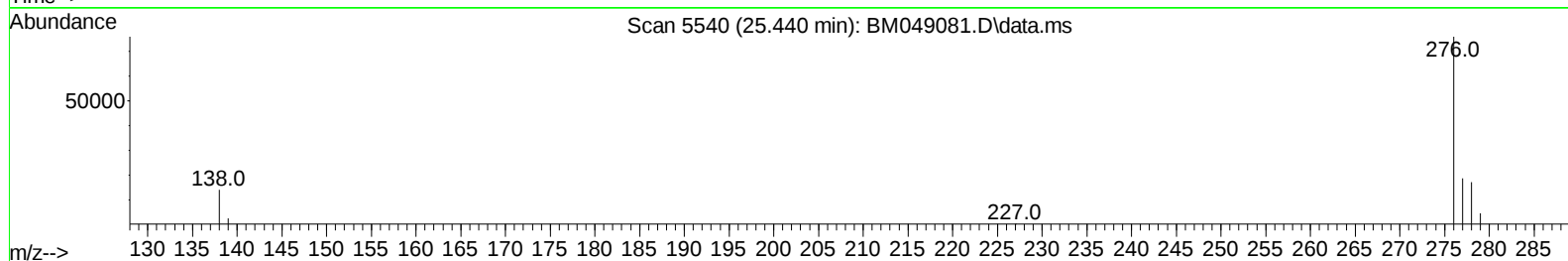
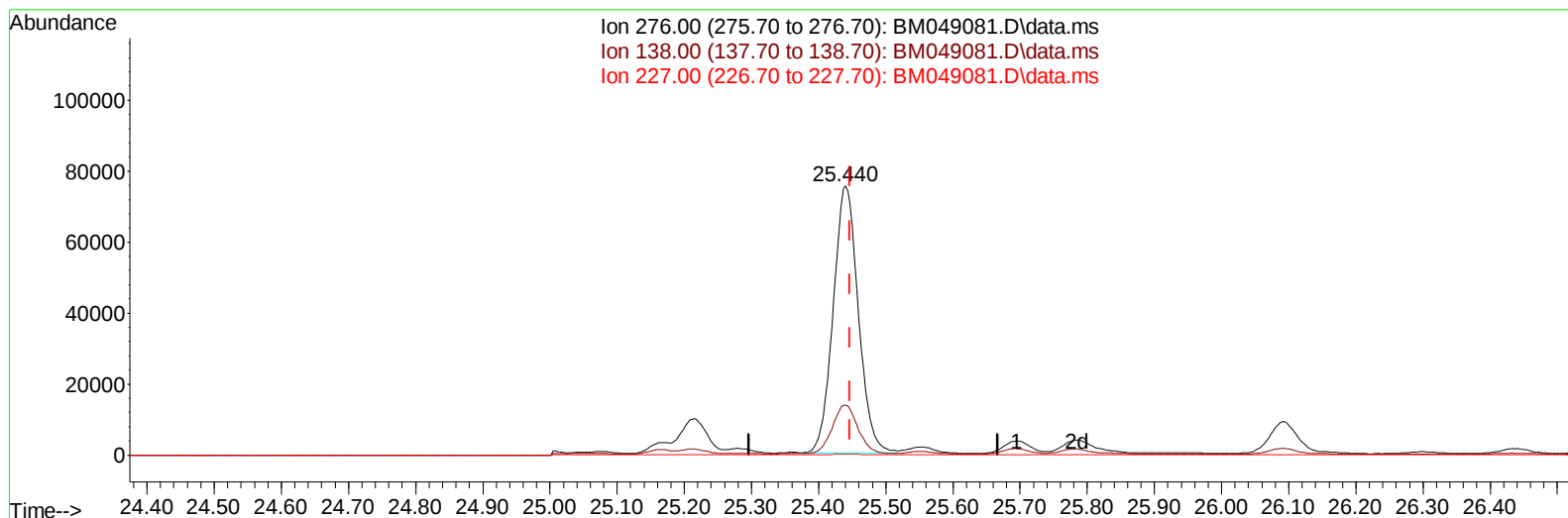
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Yogesh Patel 12/21/2024
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TIC: BM049081.D\data.ms

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

25.440min (-0.007) 2.68 ng/u1 m

response 195219

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	2.23#
227.00	0.20	0.07#
0.00	0.00	0.00

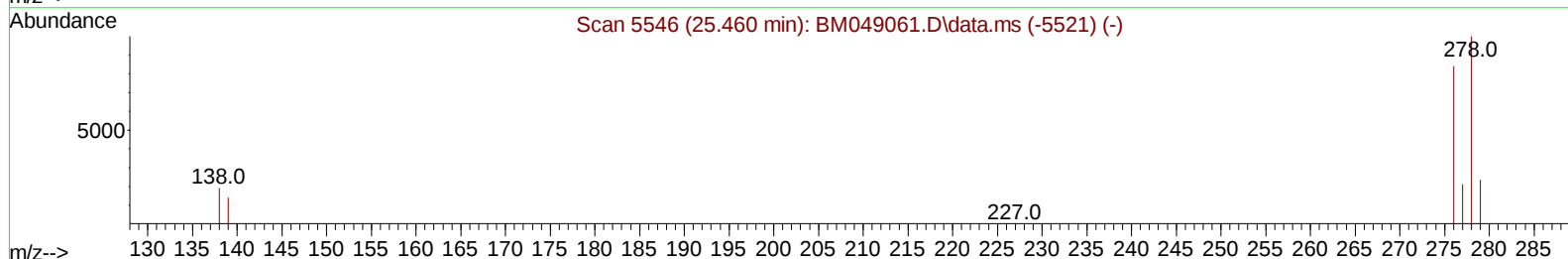
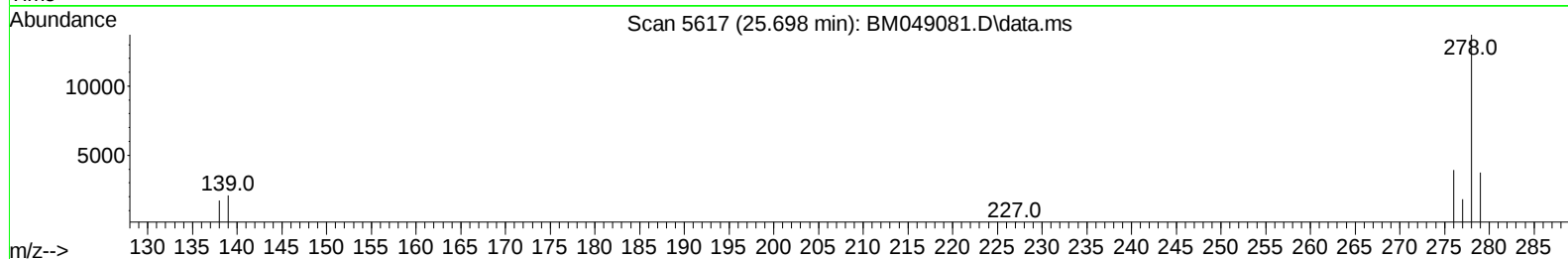
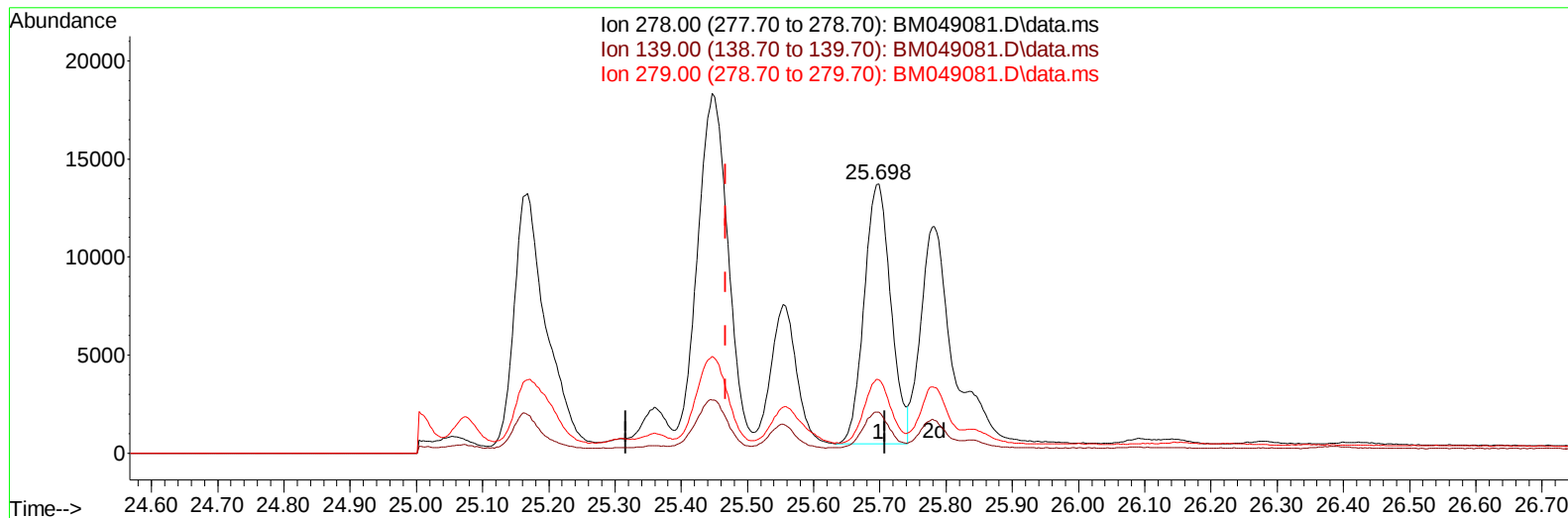
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(28) Dibenzo(a,h)anthracene

25.698min (+ 0.231) 0.66 ng/u1

response 37190

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	15.14
279.00	26.90	27.29
0.00	0.00	0.00

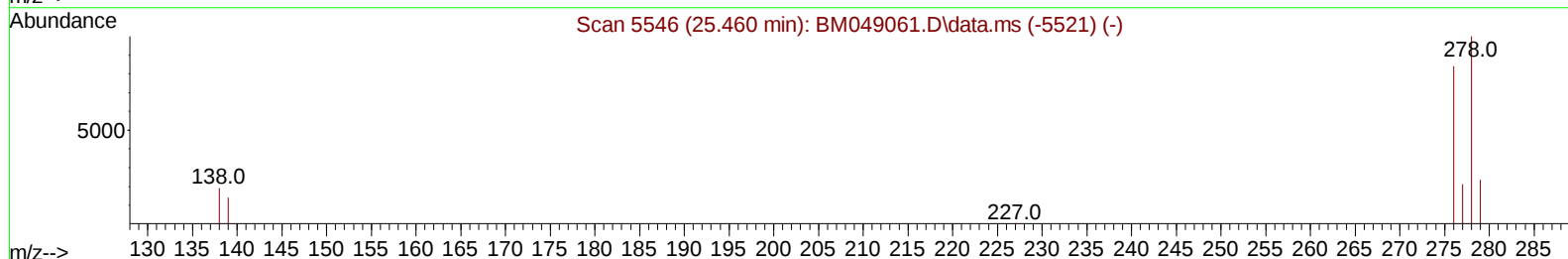
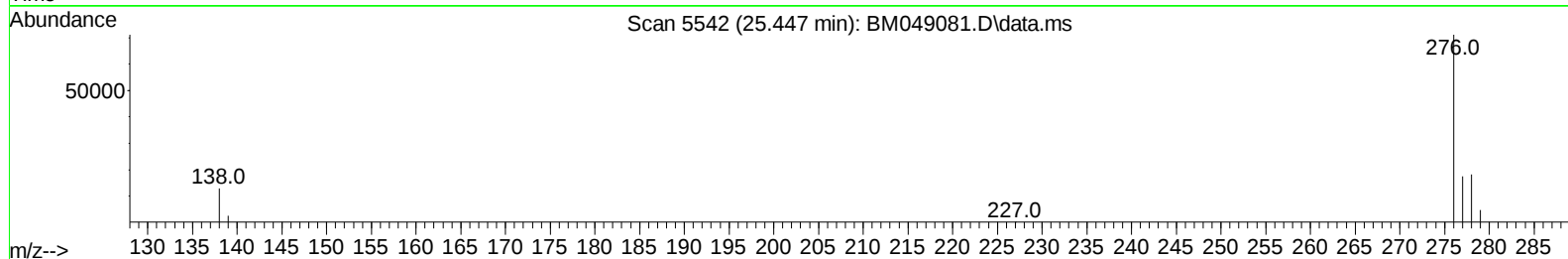
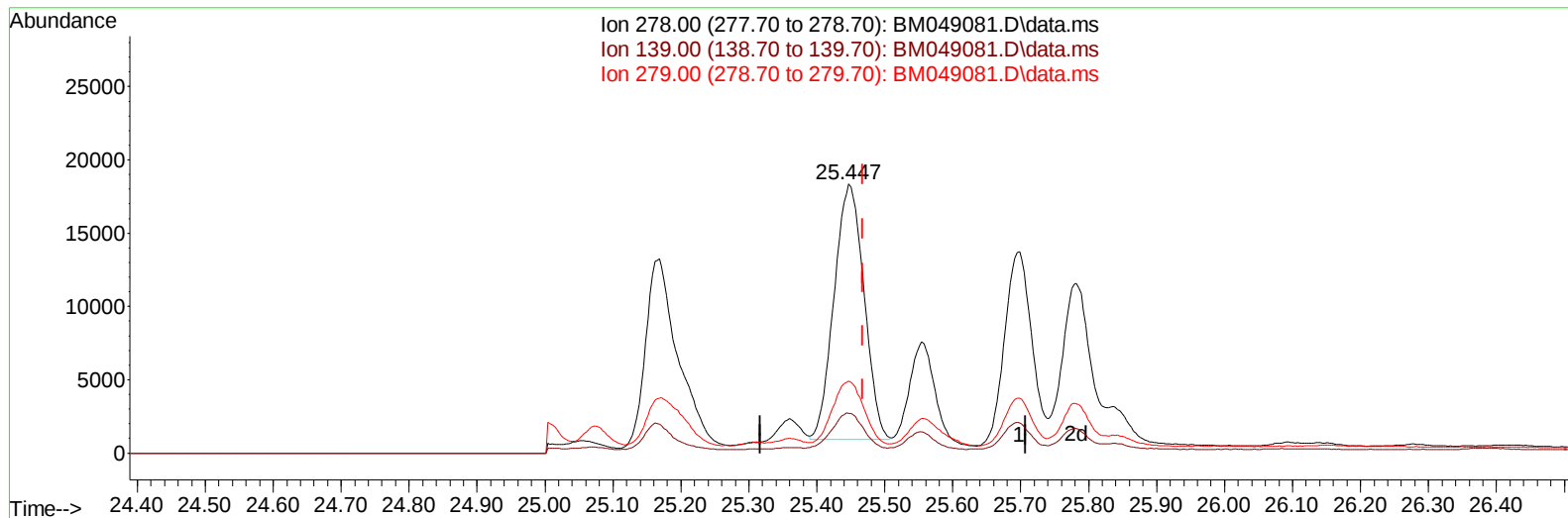
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

(28) Dibenzo(a,h)anthracene

25.447min (-0.021) 0.94 ng/ul m

response 53426

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	14.77
279.00	26.90	26.88
0.00	0.00	0.00

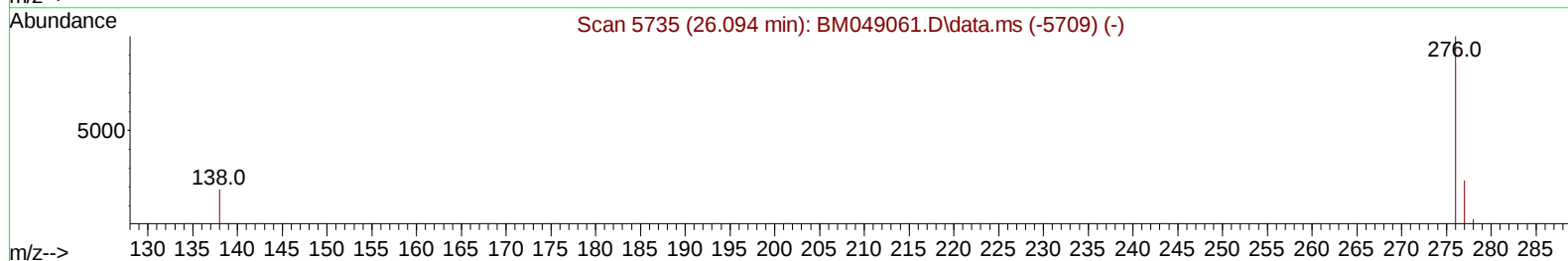
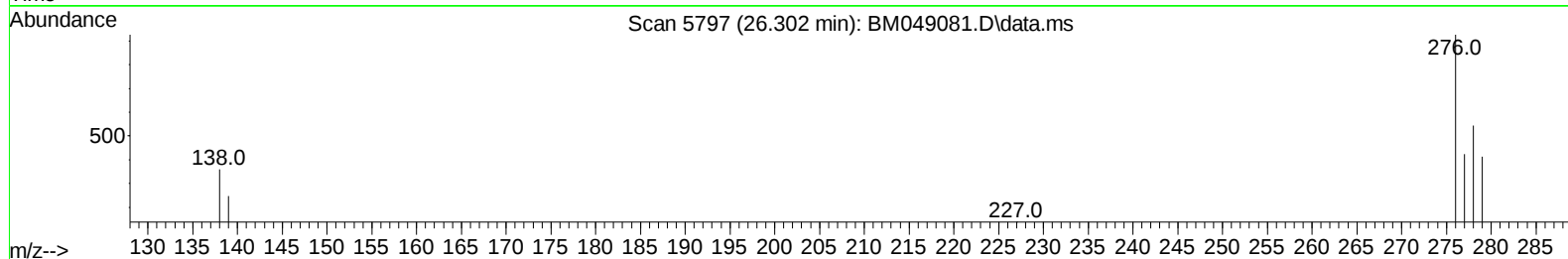
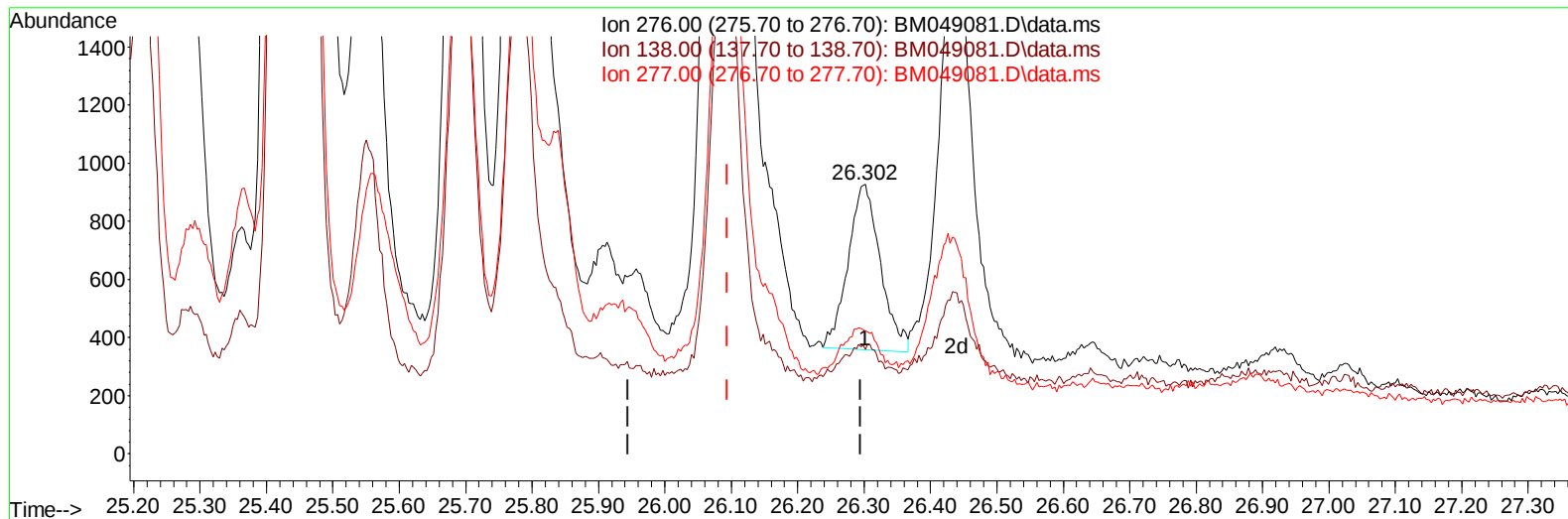
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Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049081.D\data.ms

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

26.302min (+ 0.207) 0.03 ng/u1

response 1926

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	38.73#
277.00	24.90	45.63#
0.00	0.00	0.00

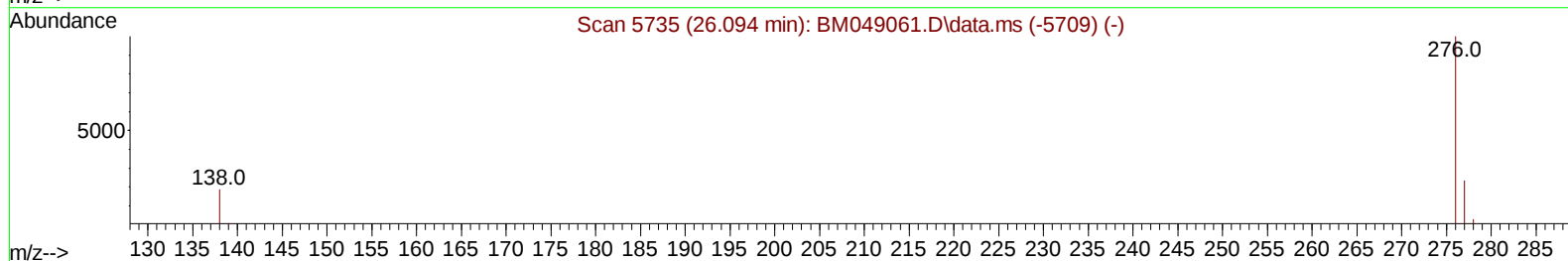
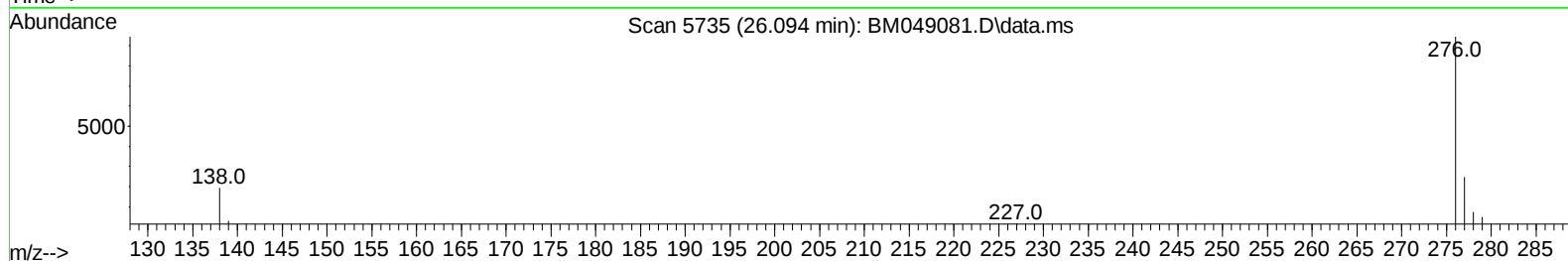
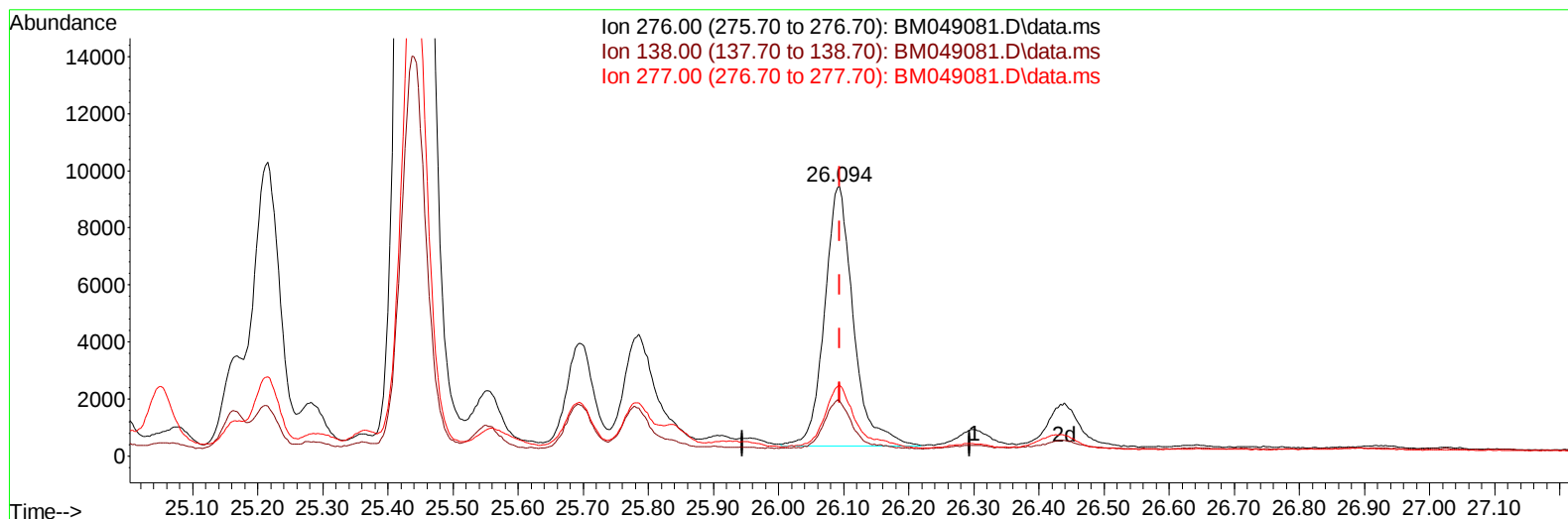
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:38:52 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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TIC: BM049081.D\data.ms

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

26.094min (-0.000) 0.48 ng/ul m

response 28043

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	20.50
277.00	24.90	26.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
 Data File : BM049081.D
 Acq On : 19 Dec 2024 22:05
 Operator : RC/JU
 Sample : P5226-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AP5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 19 22:38:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	6410	0.400	ng/ul	0.00
4) Naphthalene-d8	10.326	136	18964	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	10047	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188	21903m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	18007m	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	16797m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	26218	3.546	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	5896	0.231	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	13161m	0.258	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.376	128	1723	0.036	ng/ul#	84
10) Acenaphthylene	13.914	152	105695	2.538	ng/ul	98
12) Fluorene	15.270	166	1393	0.041	ng/ul#	54
15) Phenanthrene	16.985	178	11119m	0.194	ng/ul	
16) Anthracene	17.078	178	26289m	0.501	ng/ul	
19) Fluoranthene	19.011	202	123430m	1.896	ng/ul	
20) Pyrene	19.374	202	119437m	1.720	ng/ul	
21) Benzo(a)anthracene	21.128	228	151794m	2.423	ng/ul	
22) Chrysene	21.181	228	146624m	2.181	ng/ul	
24) Benzo(b)fluoranthene	22.662	252	414913m	7.732	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	147396m	2.503	ng/ul	
26) Benzo(a)pyrene	23.209	252	166494m	3.235	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.440	276	195219m	2.680	ng/ul	
28) Dibenzo(a,h)anthracene	25.447	278	53426m	0.944	ng/ul	
29) Benzo(g,h,i)perylene	26.094	276	28043m	0.479	ng/ul	

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

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
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Manual IntegrationsAPPROVED

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