

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

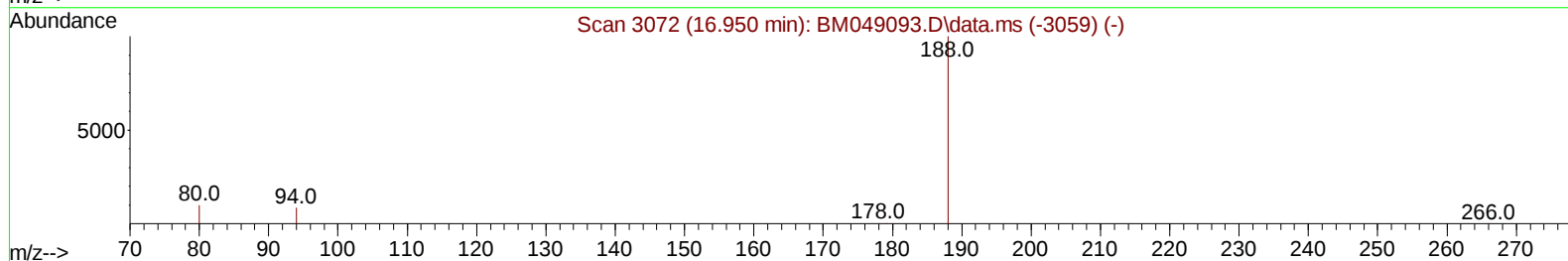
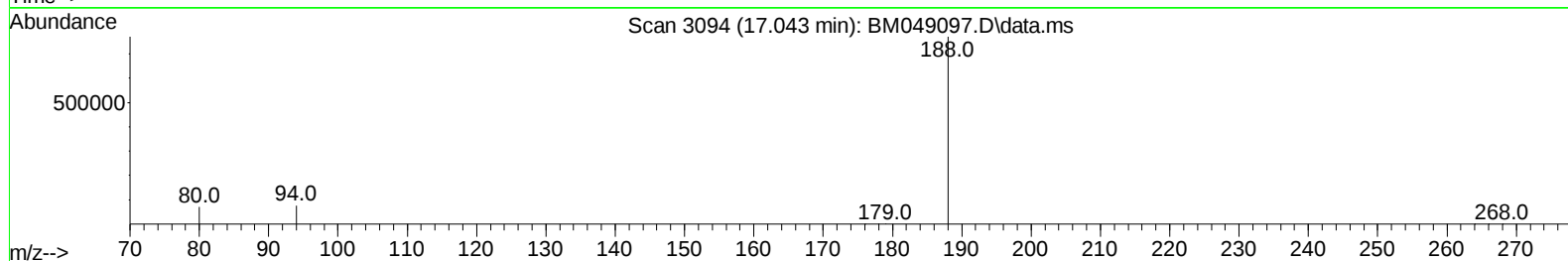
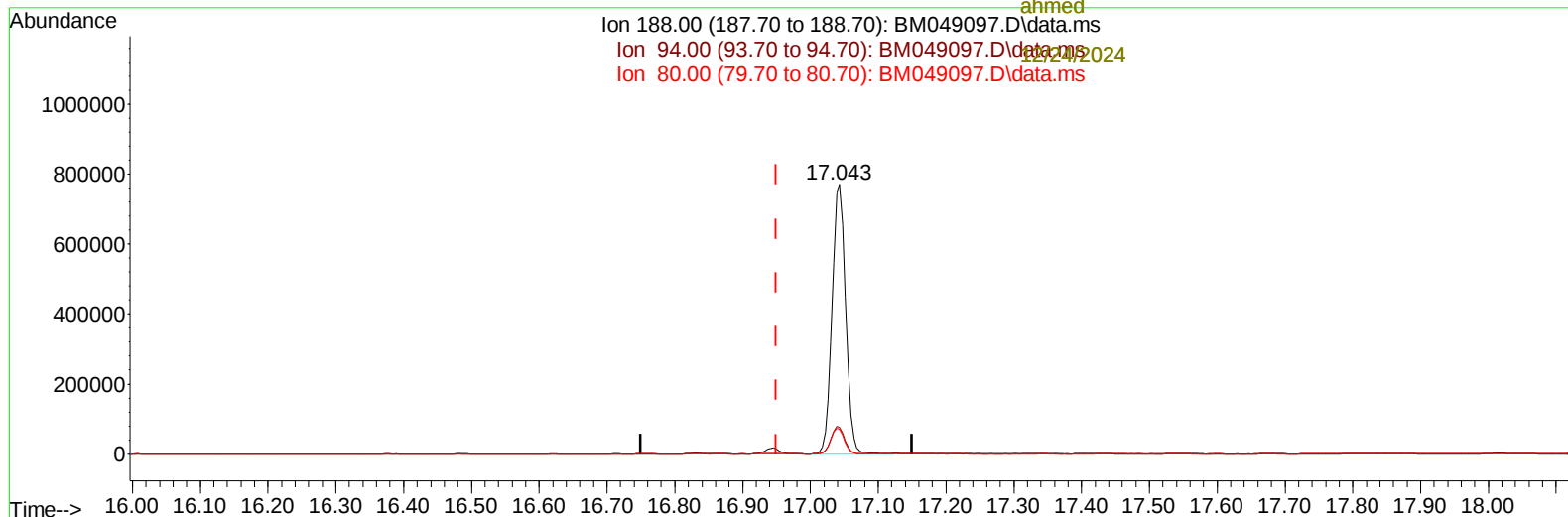
Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut
Upadhyay

12/23/2024
Supervised By :mohammad
ahmed

Ion 188.00 (187.70 to 188.70): BM049097.D\data.ms
Ion 94.00 (93.70 to 94.70): BM049097.D\data.ms
Ion 80.00 (79.70 to 80.70): BM049097.D\data.ms



TIC: BM049097.D\data.ms

(13) Phenanthrene-d10 (I)

17.043min (+ 0.093) 0.40 ng/u1

response 1060996

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.92
80.00	10.70	9.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

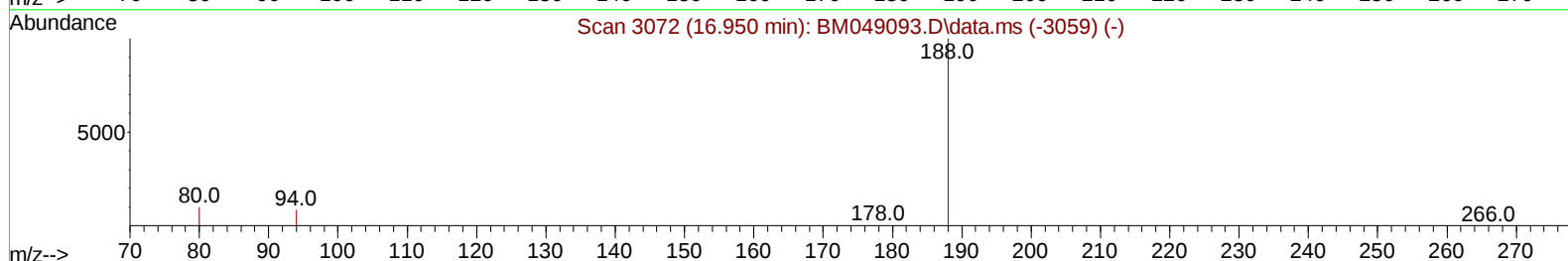
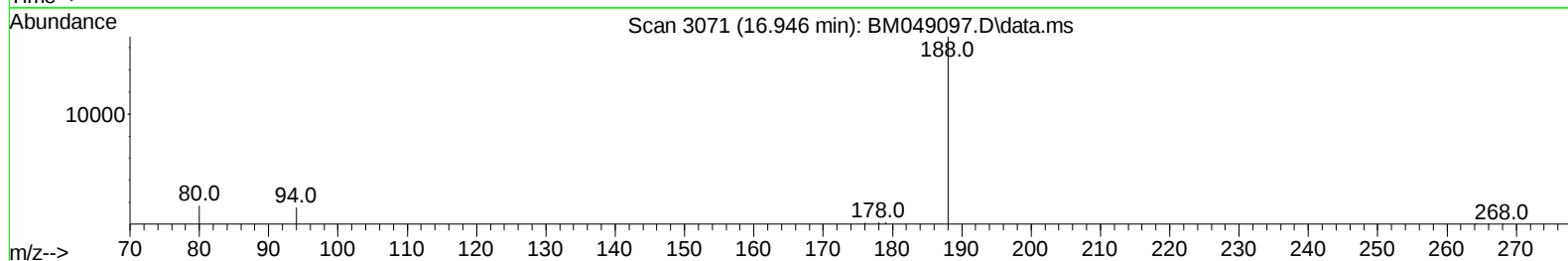
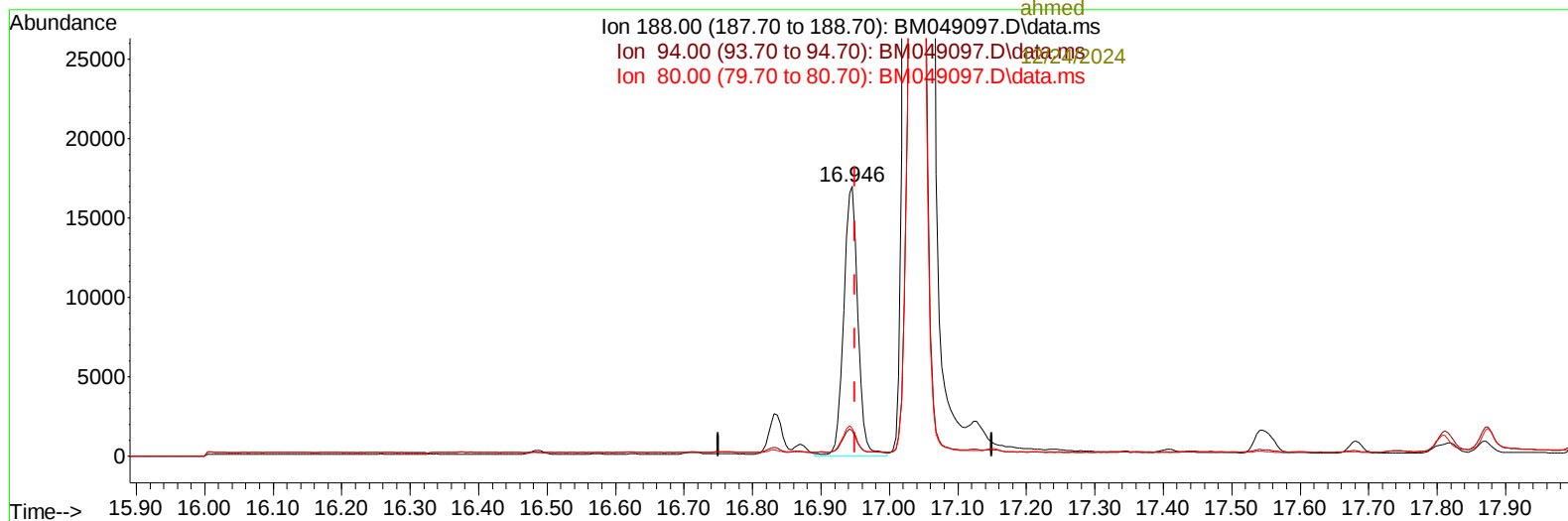
Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut
Upadhyay

12/23/2024
Supervised By :mohammad
ahmed

Ion 188.00 (187.70 to 188.70): BM049097.D\data.ms
Ion 94.00 (93.70 to 94.70): BM049097.D\data.ms
Ion 80.00 (79.70 to 80.70): BM049097.D\data.ms



TIC: BM049097.D\data.ms

(13) Phenanthrene-d10 (I)

16.946min (-0.004) 0.40 ng/ul m

response 24551

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.27
80.00	10.70	10.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

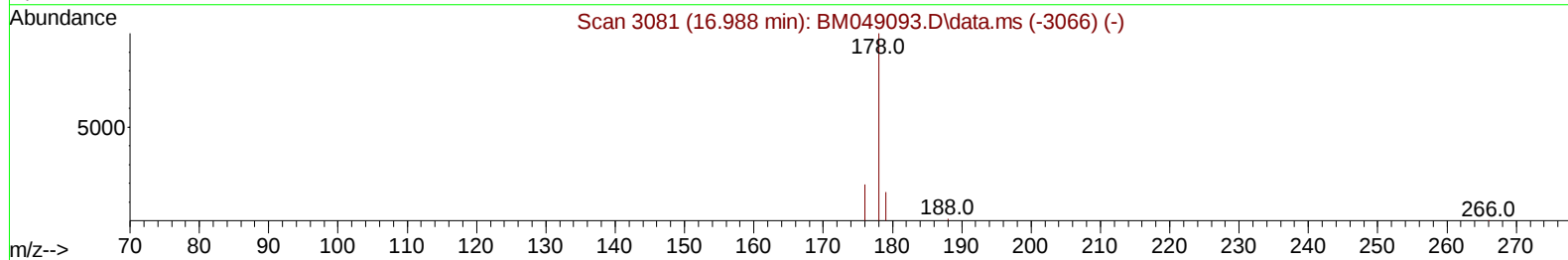
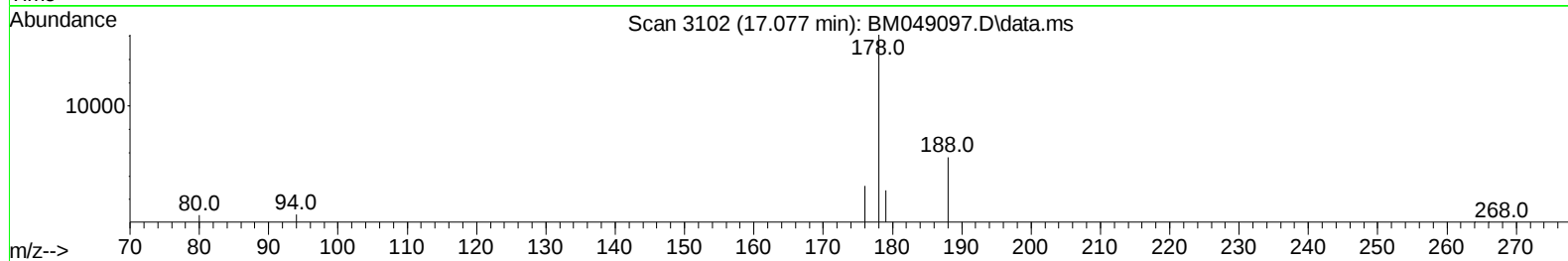
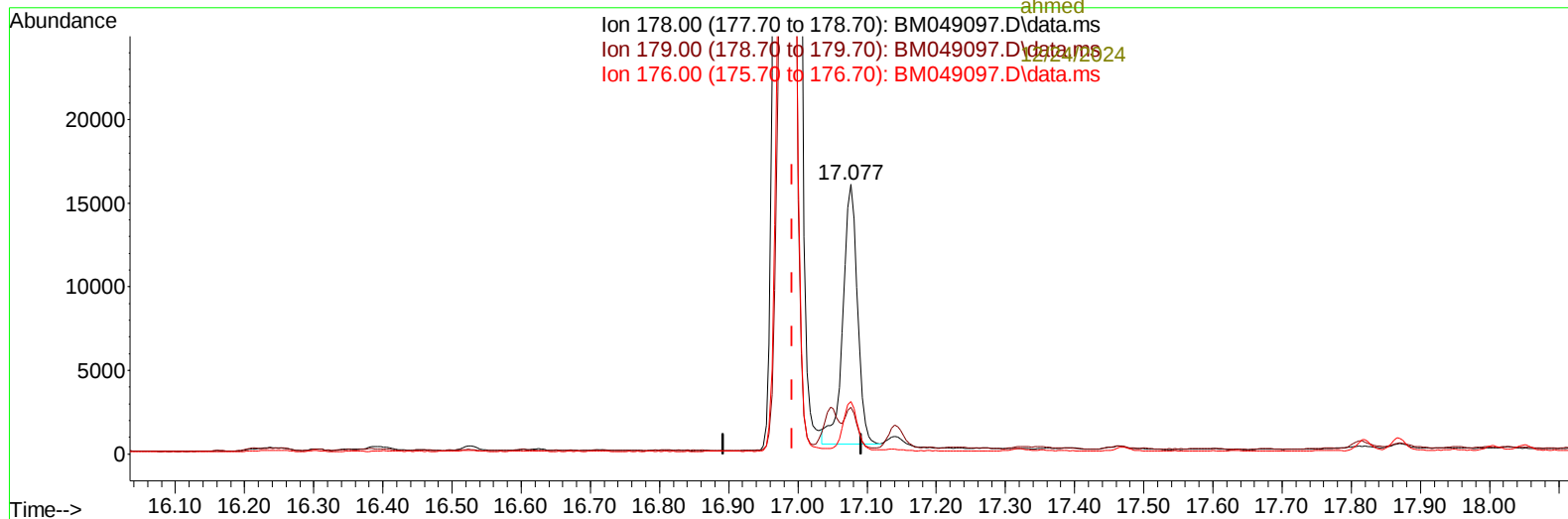
Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut
Upadhyay

12/23/2024
Supervised By :mohammad
ahmed



TIC: BM049097.D\data.ms

(15) Phenanthrene

17.077min (+ 0.084) 0.35 ng/u1

response 22659

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.24
176.00	20.20	19.55
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

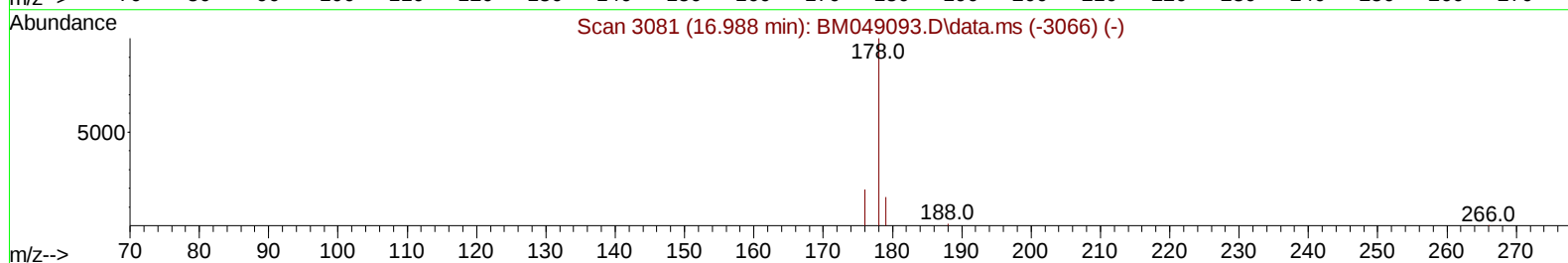
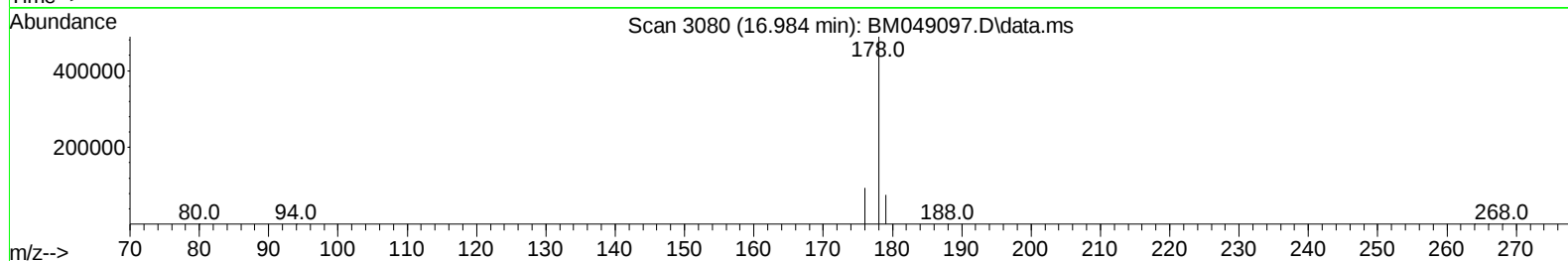
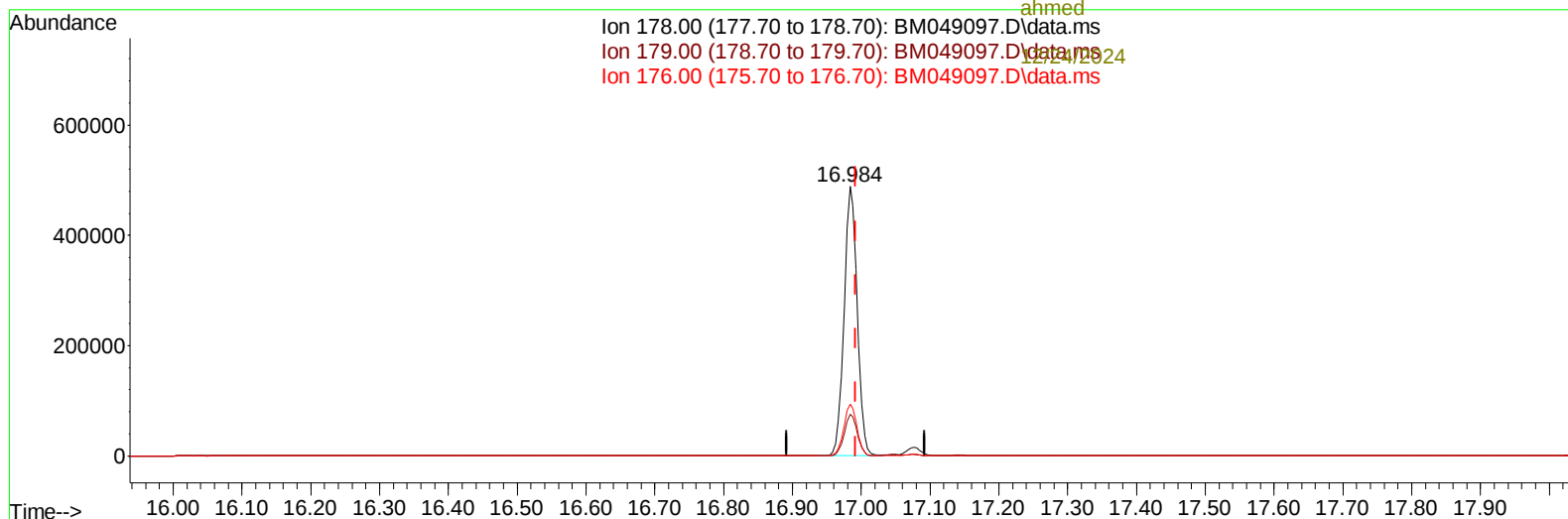
Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut
Upadhyay

12/23/2024
Supervised By :mohammad
ahmed



TIC: BM049097.D\data.ms

(15) Phenanthrene

16.984min (-0.008) 10.13 ng/ul m

response 649478

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.53
176.00	20.20	19.30
0.00	0.00	0.00

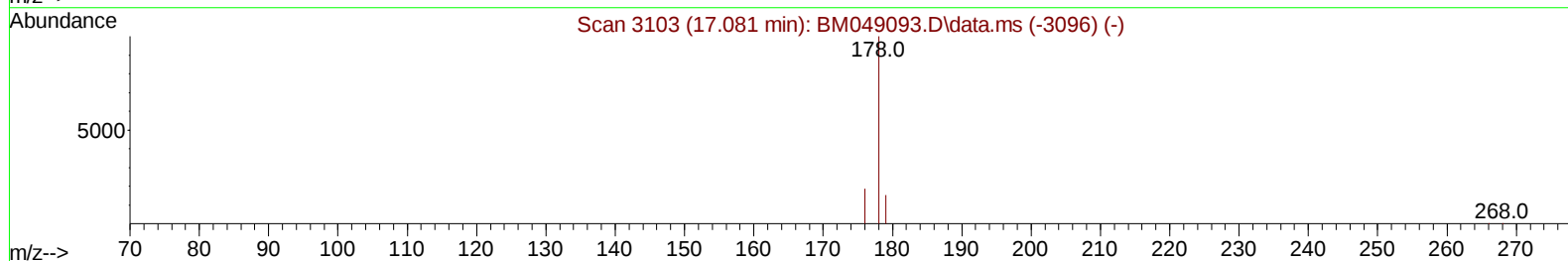
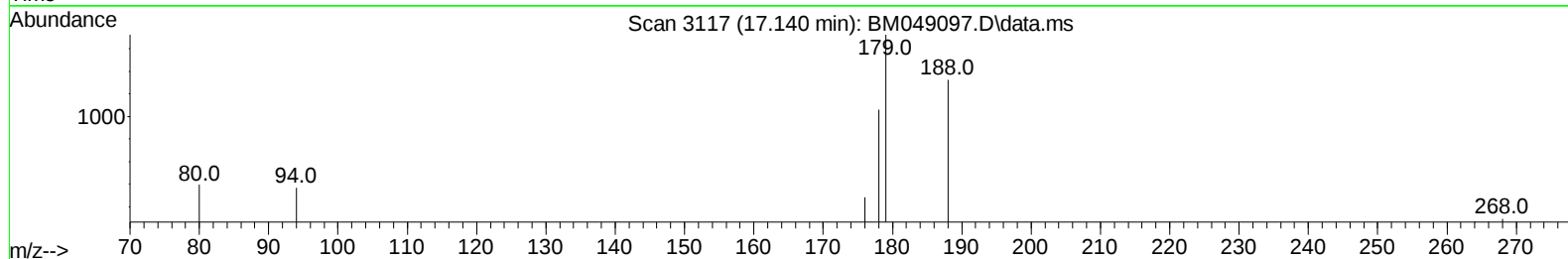
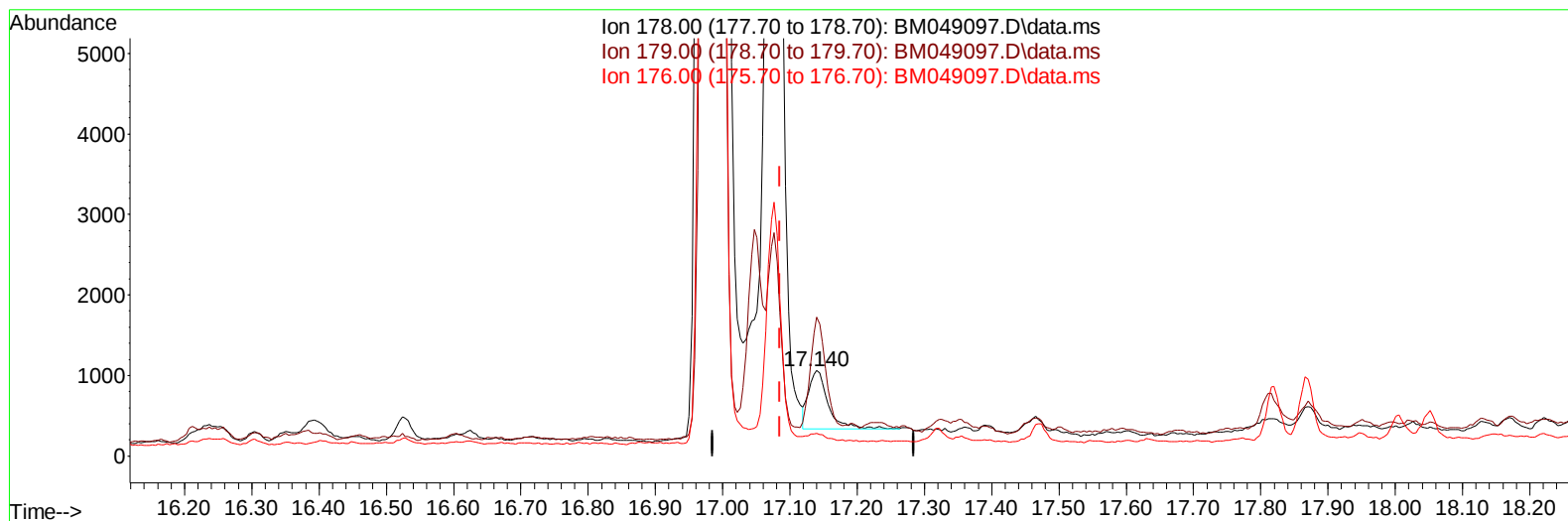
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 12/24/2024



TIC: BM049097.D\data.ms

(16) Anthracene

17.140min (+ 0.055) 0.03 ng/u1

response 1491

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	162.80#
176.00	19.10	26.63#
0.00	0.00	0.00

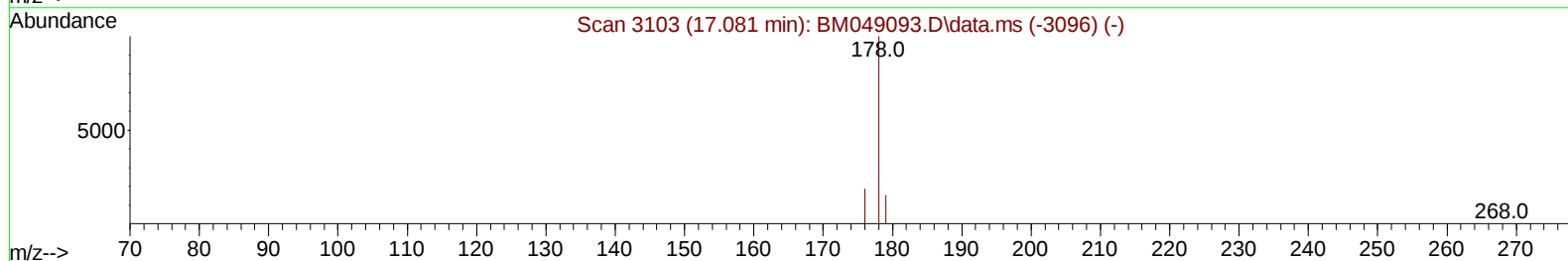
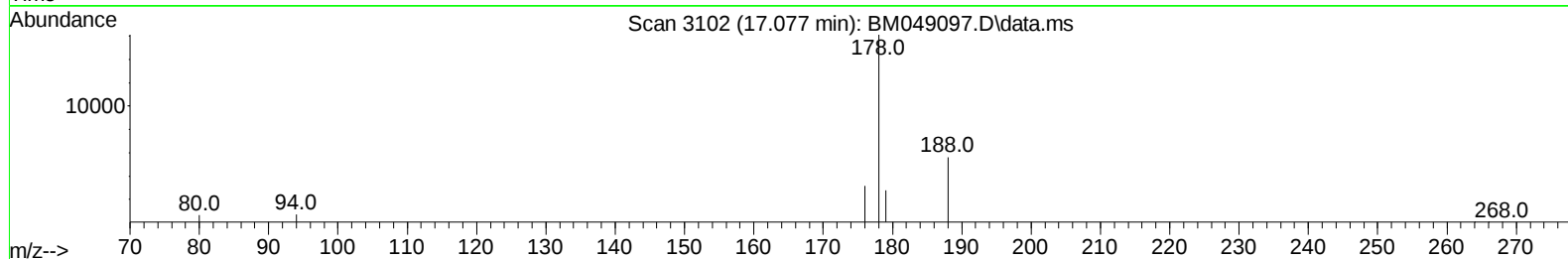
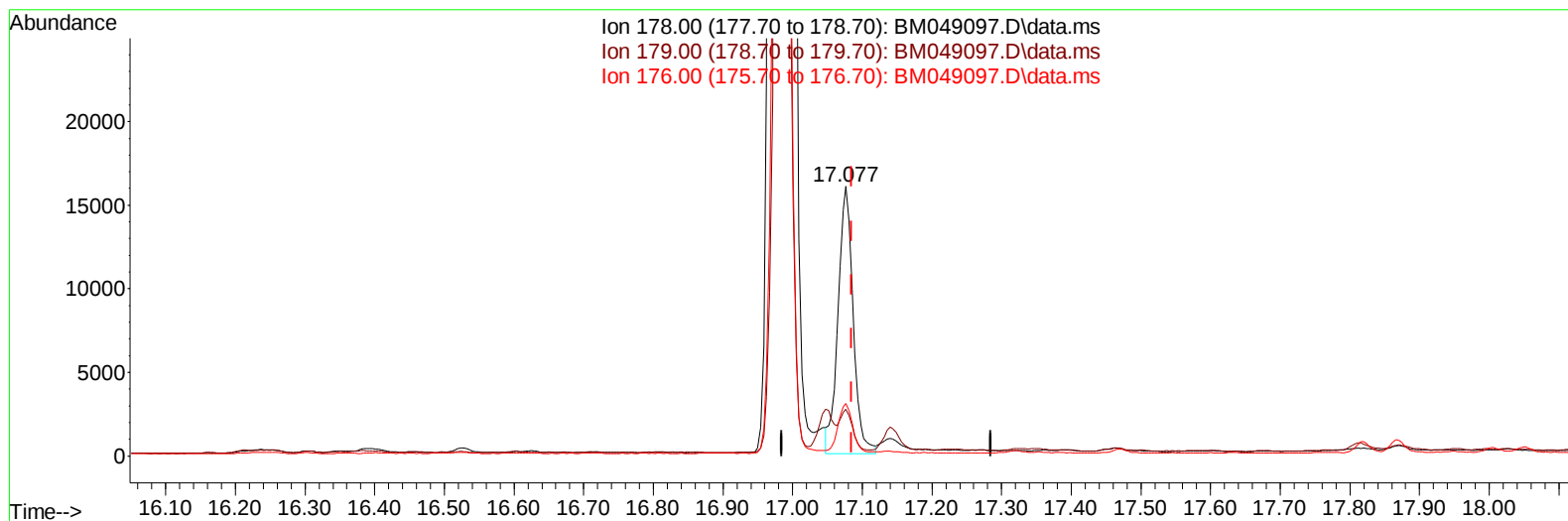
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

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



TIC: BM049097.D\data.ms

(16) Anthracene

17.077min (-0.008) 0.41 ng/ul m

response 23838

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	17.24
176.00	19.10	19.55
0.00	0.00	0.00

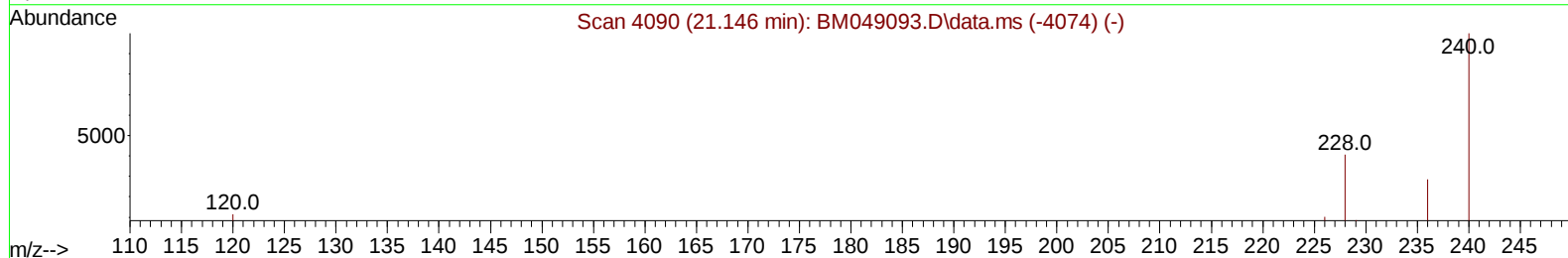
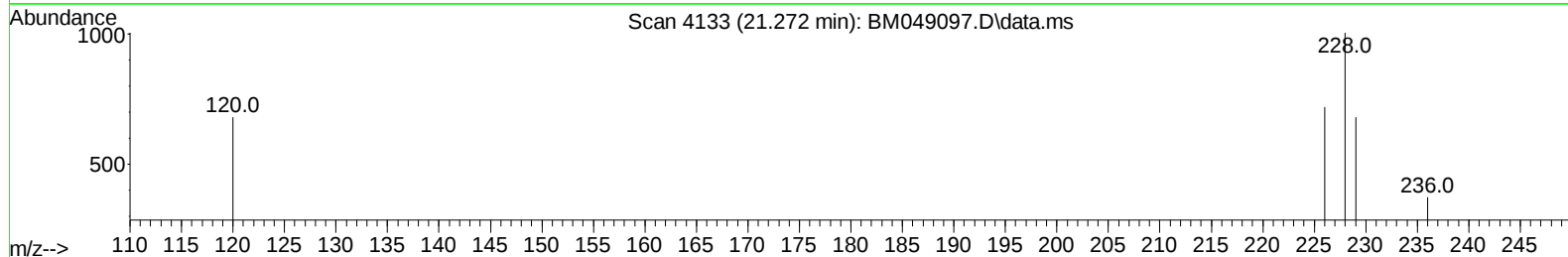
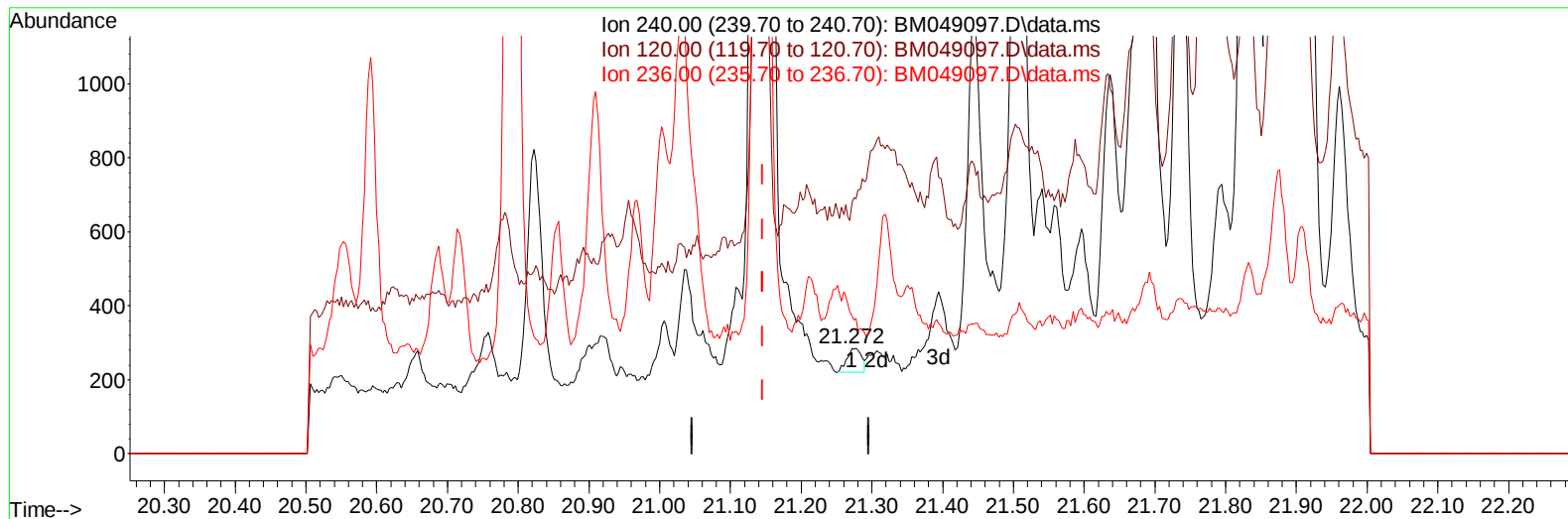
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049097.D
 Acq On : 20 Dec 2024 12:39
 Operator : RC/JU
 Sample : P5265-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
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Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024



TIC: BM049097.D\data.ms

(17) Chrysene-d12

21.272min (+ 0.126) 0.40 ng/u1

response 92

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	238.95#
236.00	29.80	130.53#
0.00	0.00	0.00

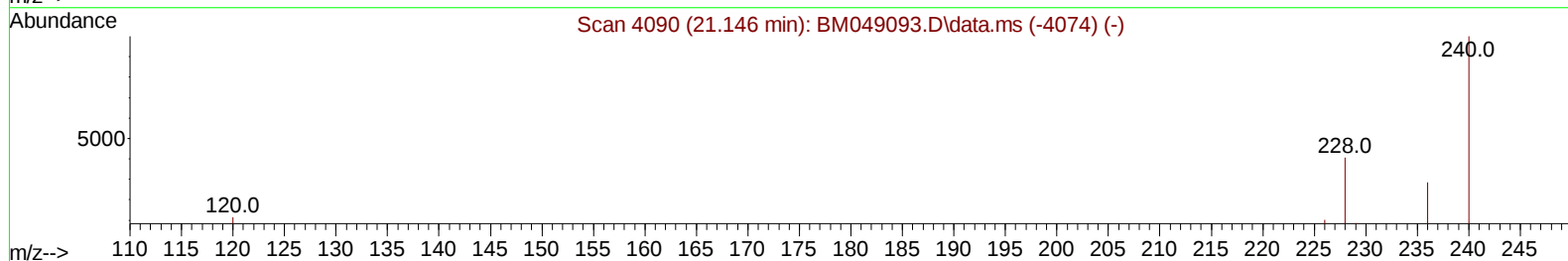
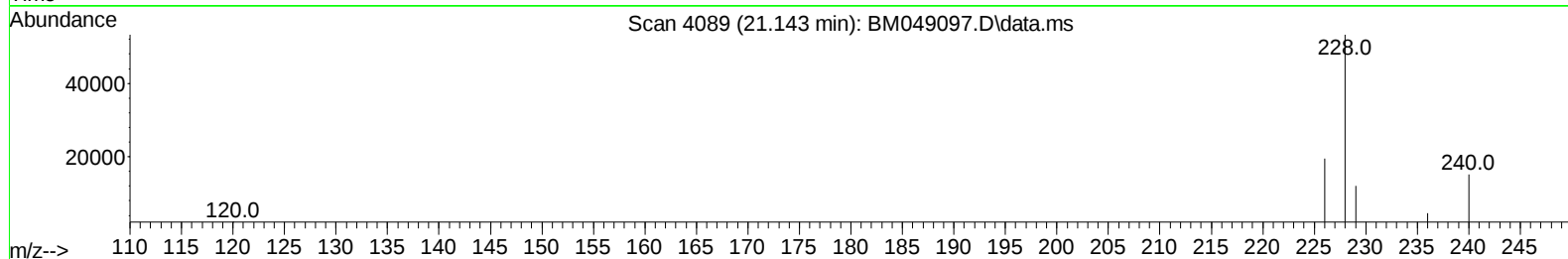
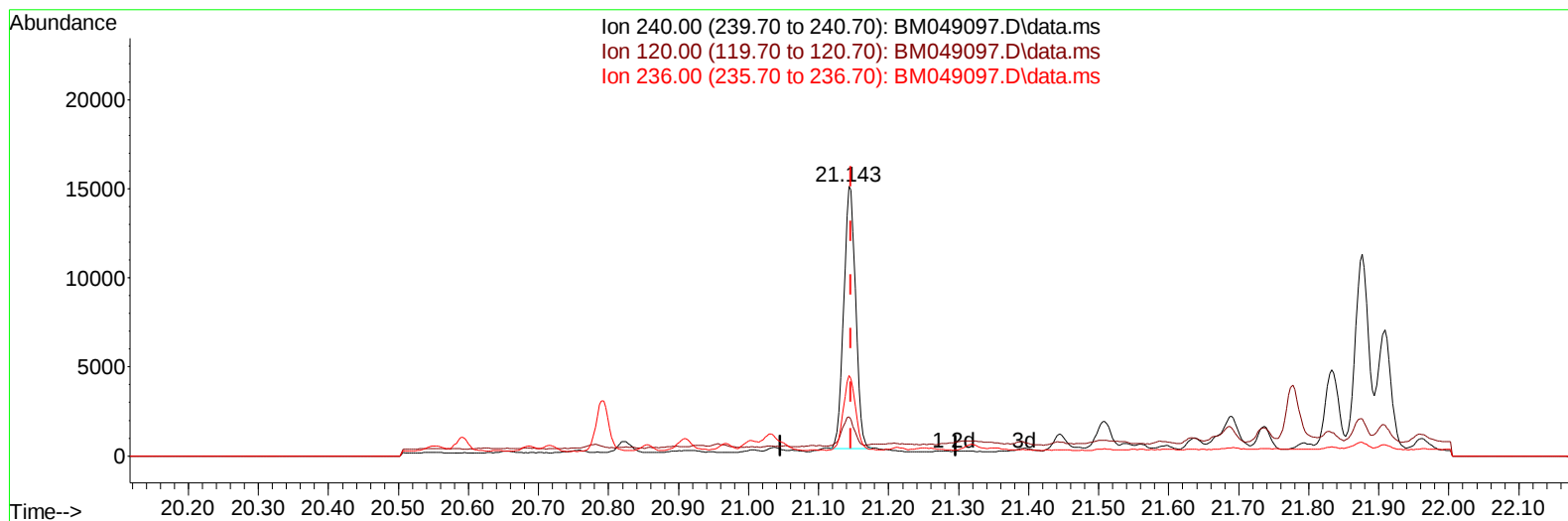
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

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



TIC: BM049097.D\data.ms

(17) Chrysene-d12

21.143min (-0.003) 0.40 ng/u1 m

response 17539

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	14.42
236.00	29.80	29.93
0.00	0.00	0.00

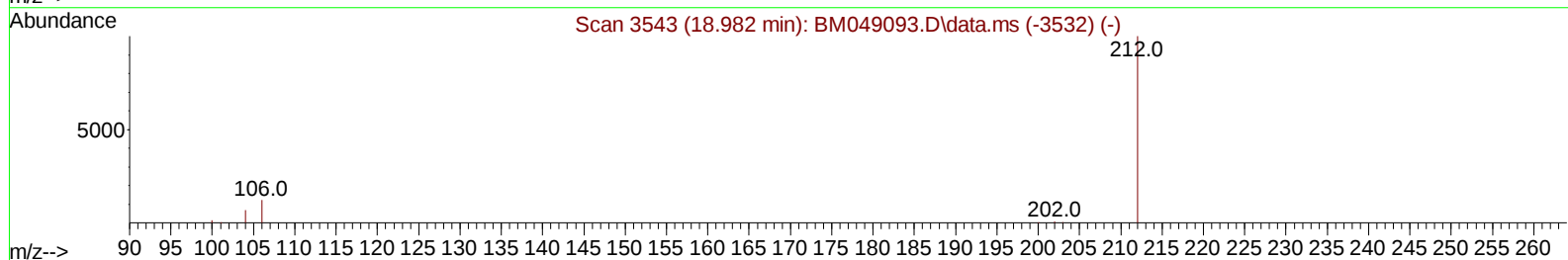
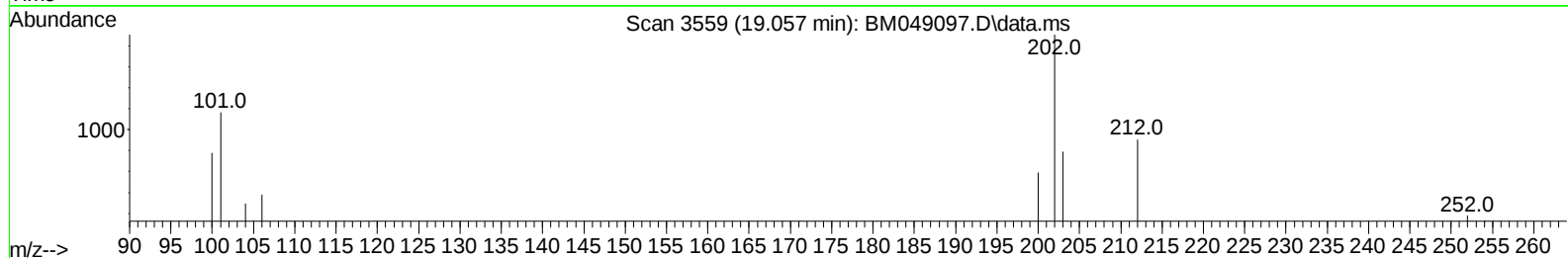
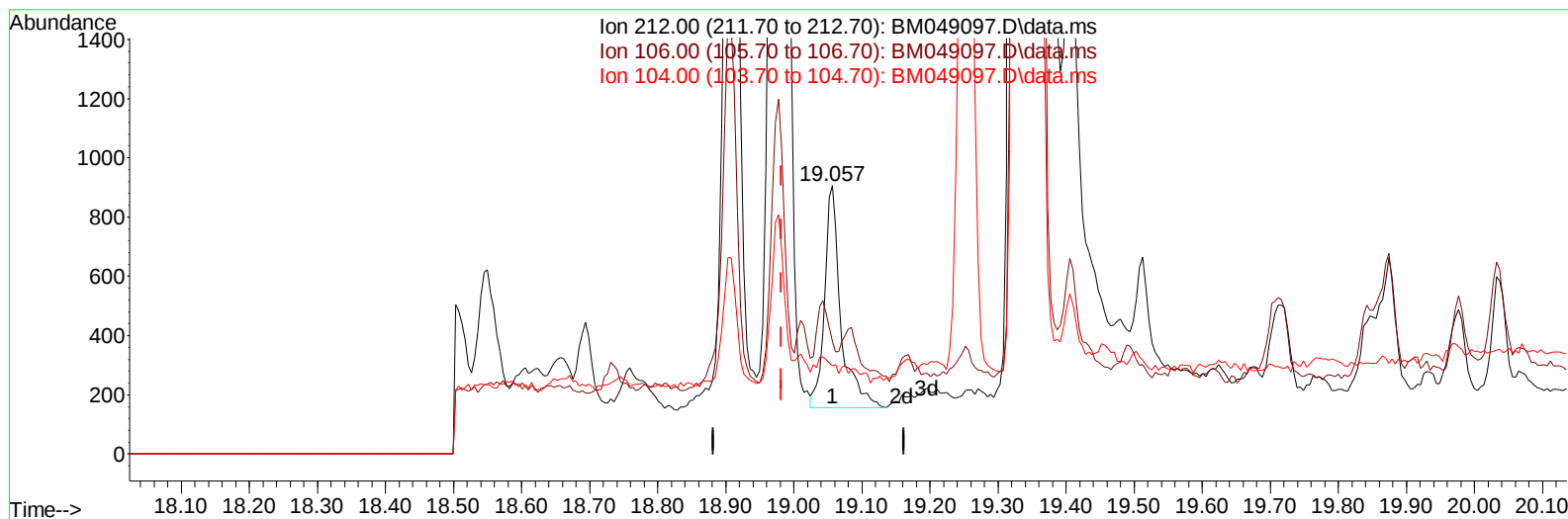
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
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Supervised By :mohammad ahmed 12/24/2024



TIC: BM049097.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.057min (+ 0.074) 0.03 ng/u1

response 1249

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	18.33#
104.00	6.50	0.00#
0.00	0.00	0.00

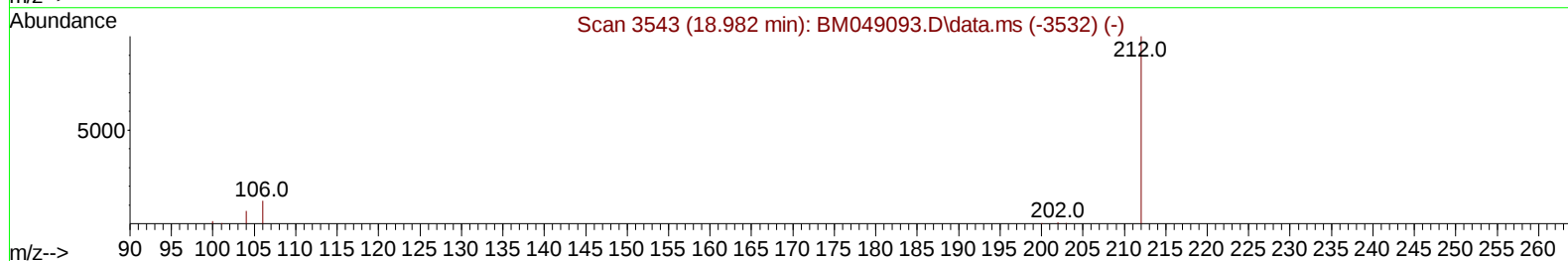
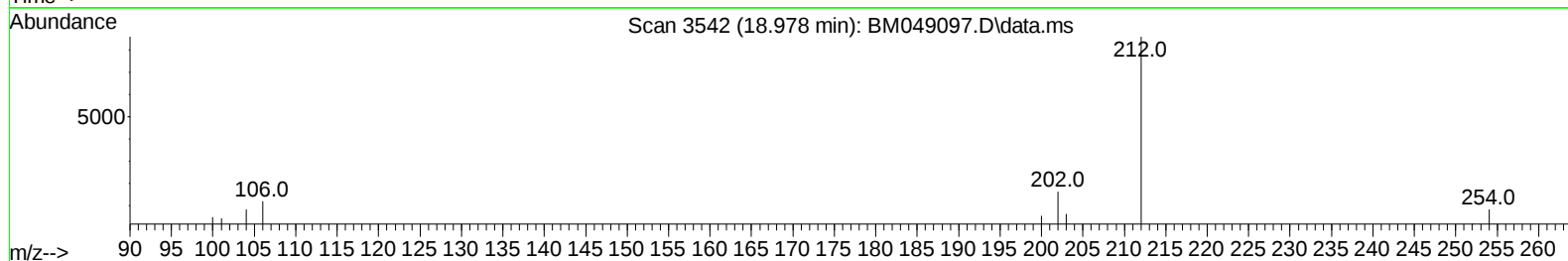
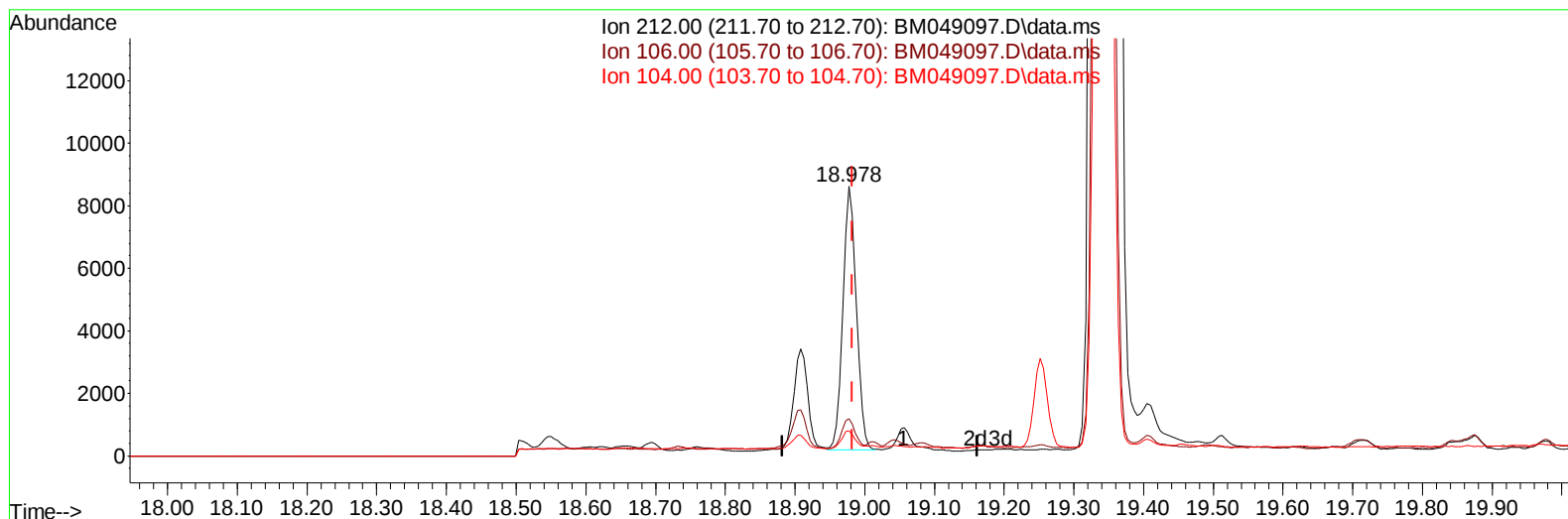
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049097.D
 Acq On : 20 Dec 2024 12:39
 Operator : RC/JU
 Sample : P5265-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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



TIC: BM049097.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.978min (-0.005) 0.23 ng/ul m

response 11260

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	2.03#
104.00	6.50	0.00#
0.00	0.00	0.00

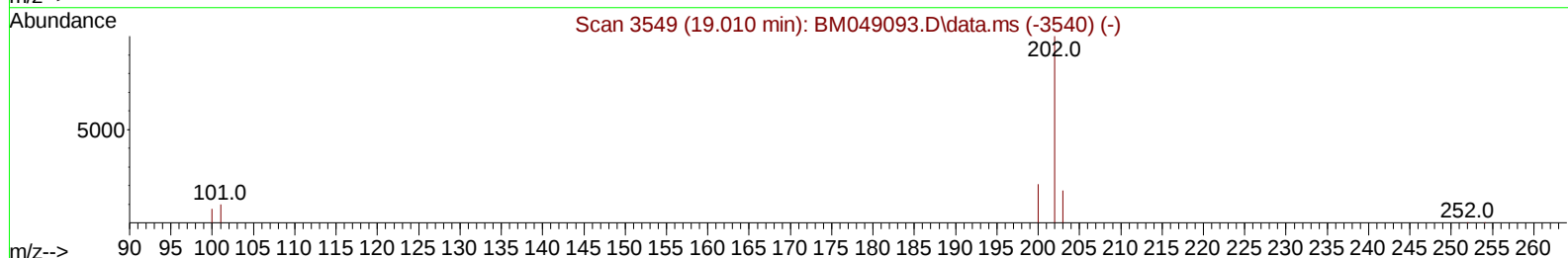
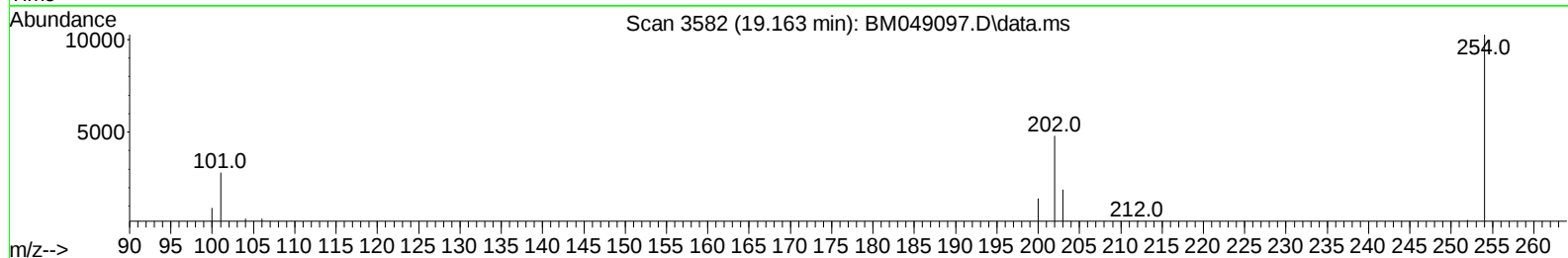
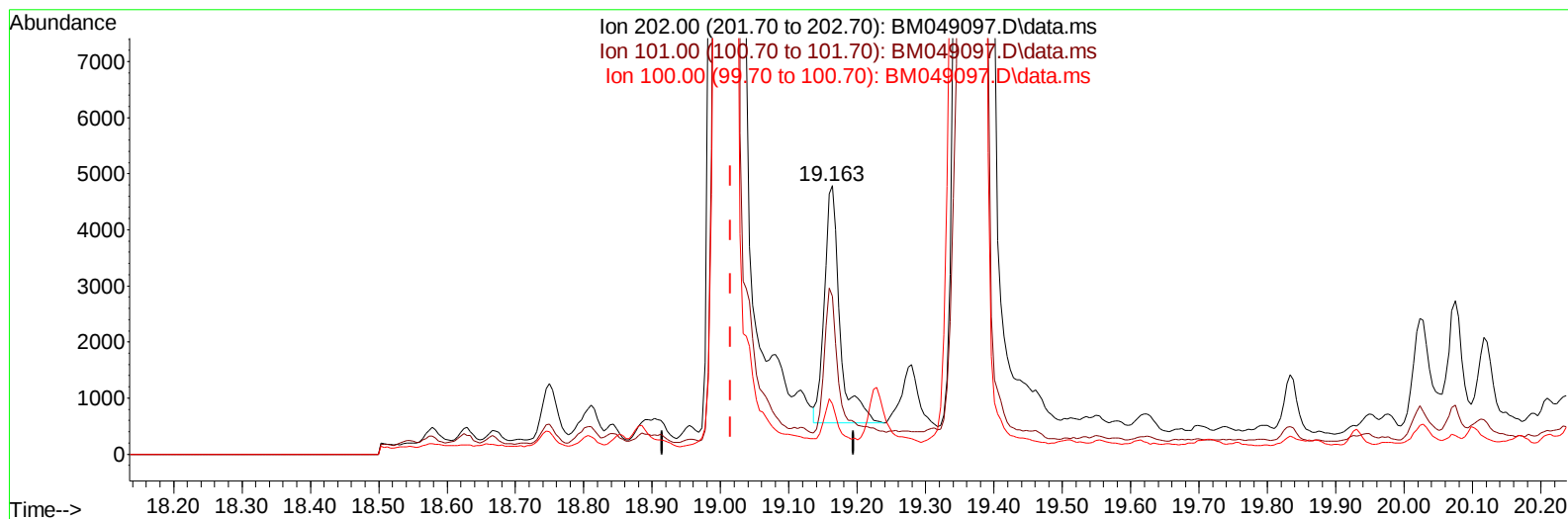
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/24/2024



TIC: BM049097.D\data.ms

(19) Fluoranthene (C)

19.163min (+ 0.149) 0.11 ng/u1

response 6706

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	58.81#
100.00	6.90	18.83#
0.00	0.00	0.00

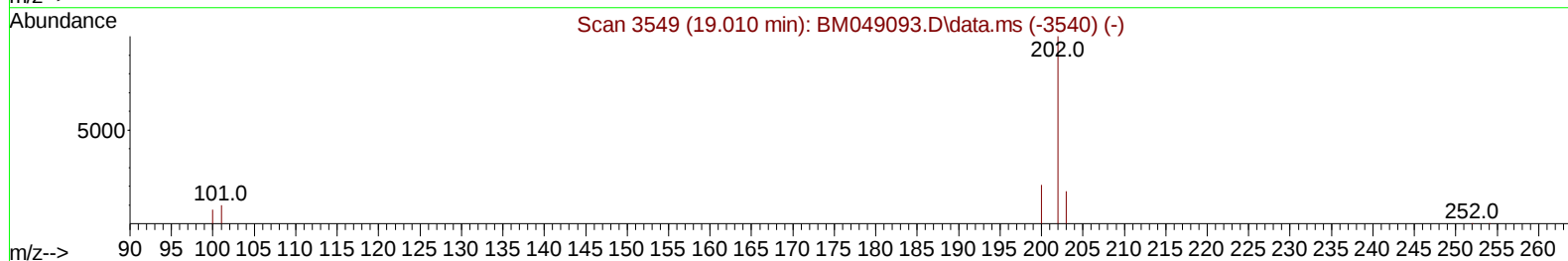
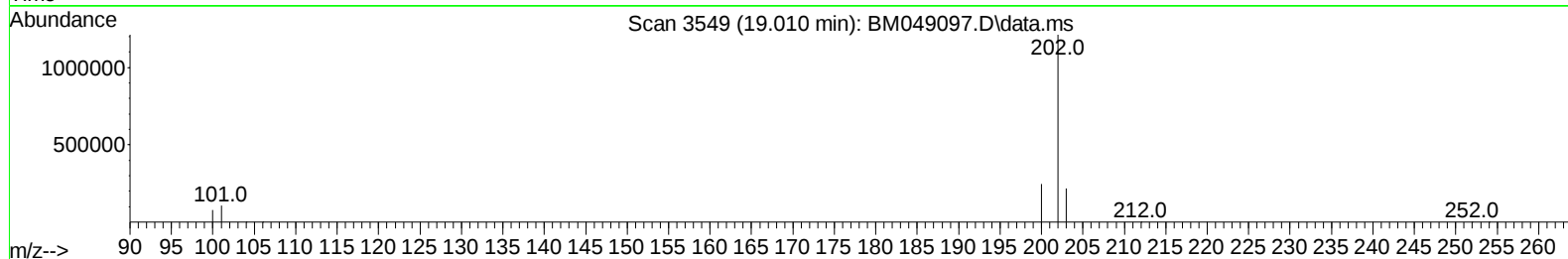
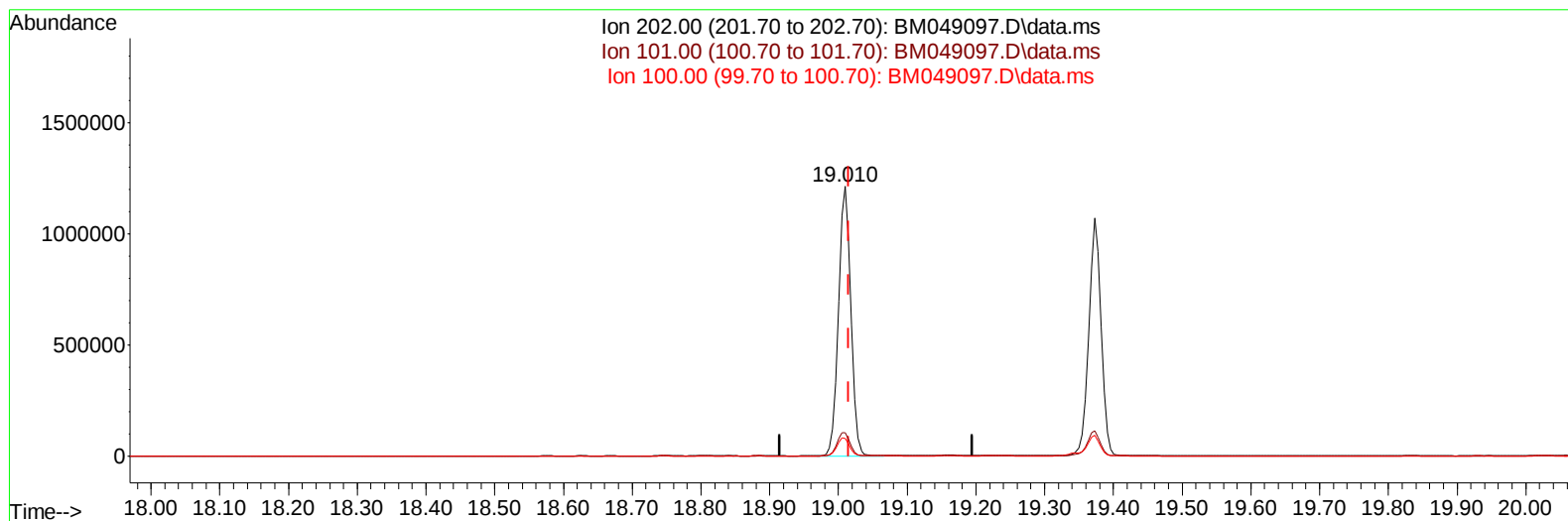
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 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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Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049097.D\data.ms

(19) Fluoranthene (C)

19.010min (-0.005) 23.88 ng/ul m

response 1514357

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	8.69
100.00	6.90	6.53
0.00	0.00	0.00

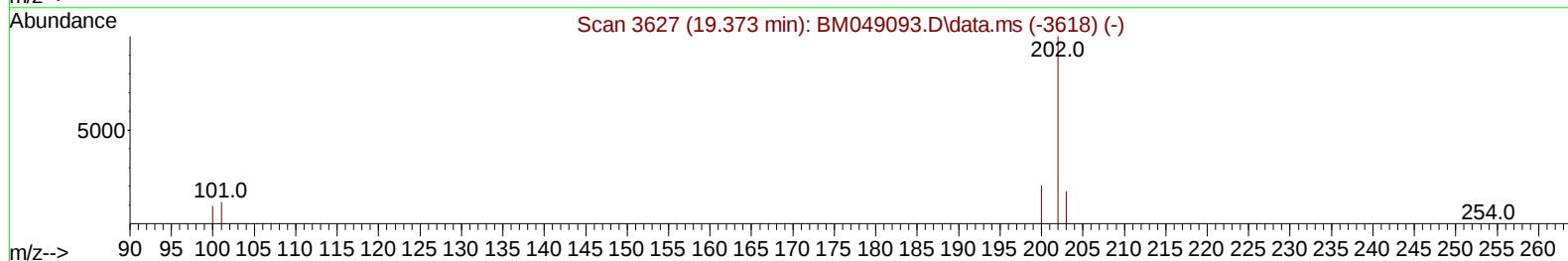
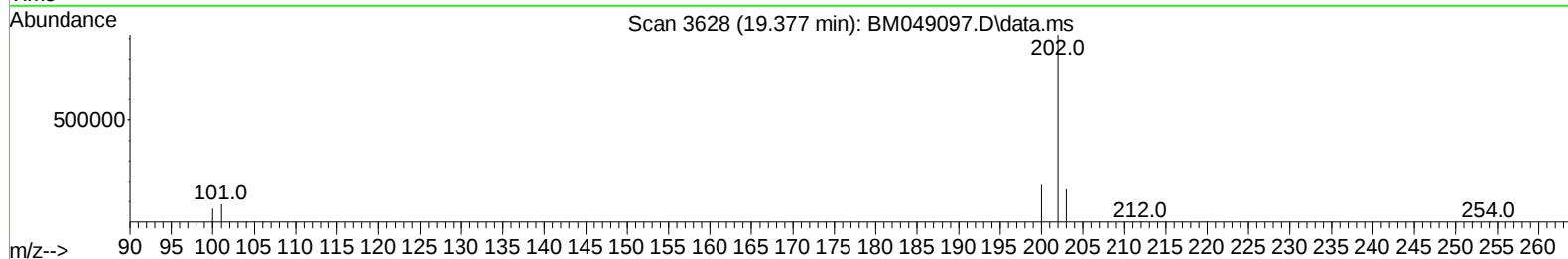
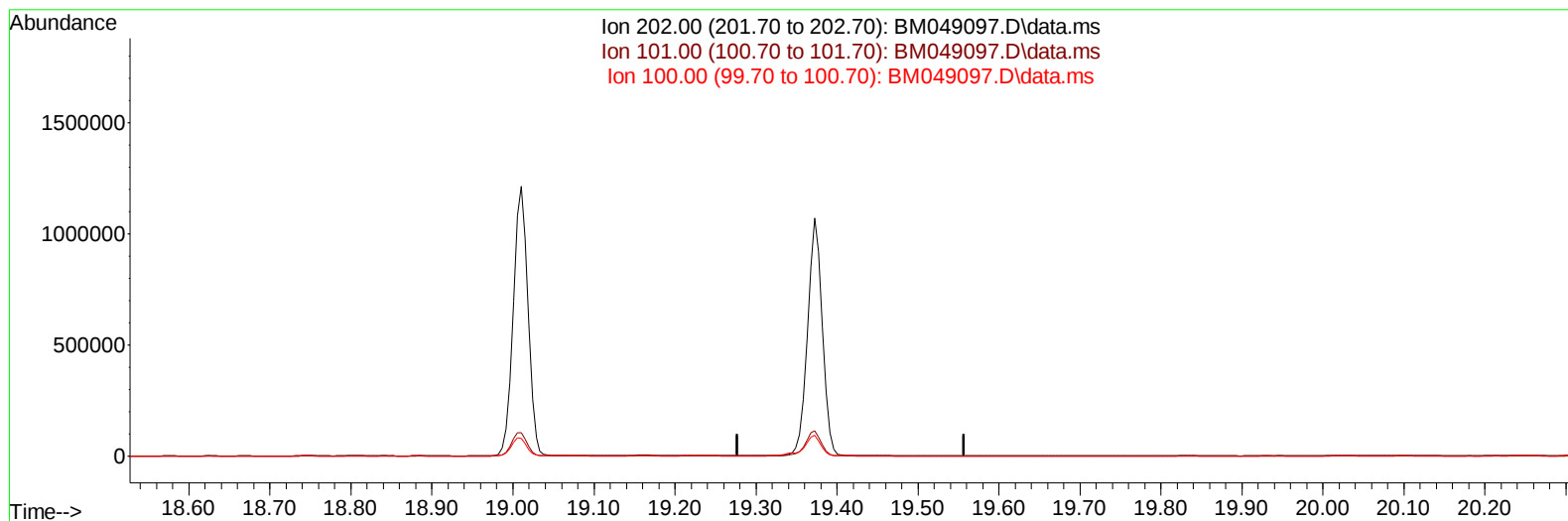
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
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Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049097.D\data.ms

(20) Pyrene

19.377min (-19.377) 0.00 ng/u1

response 0

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

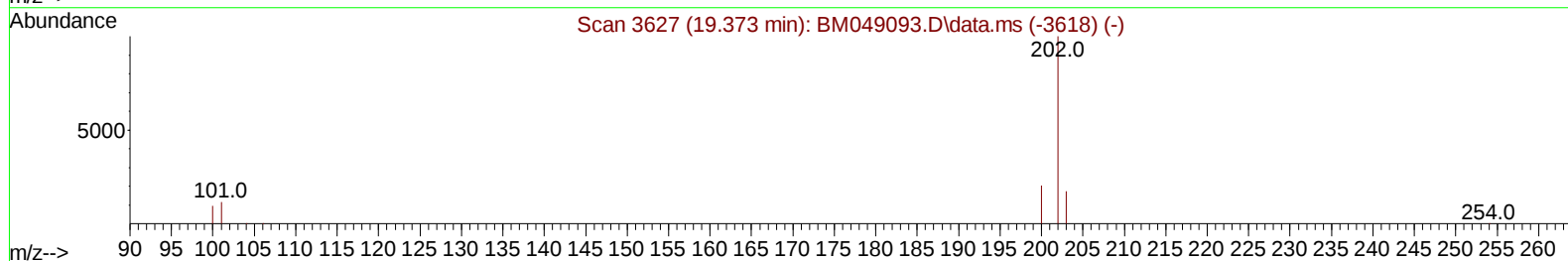
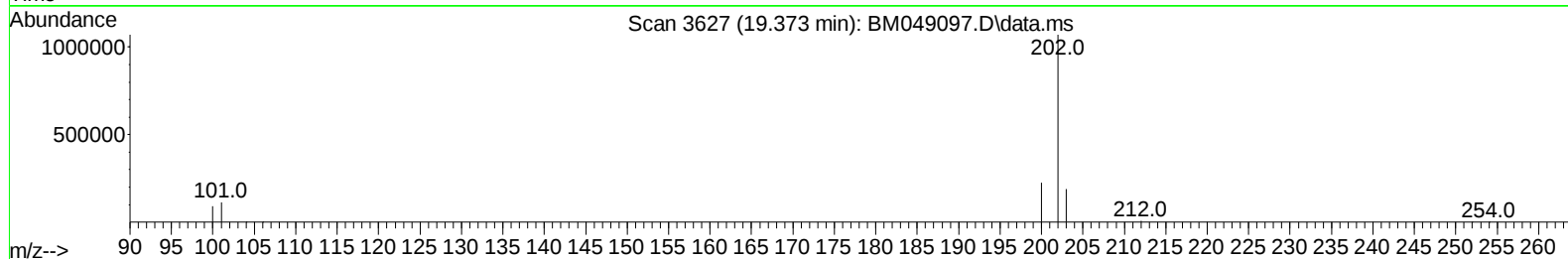
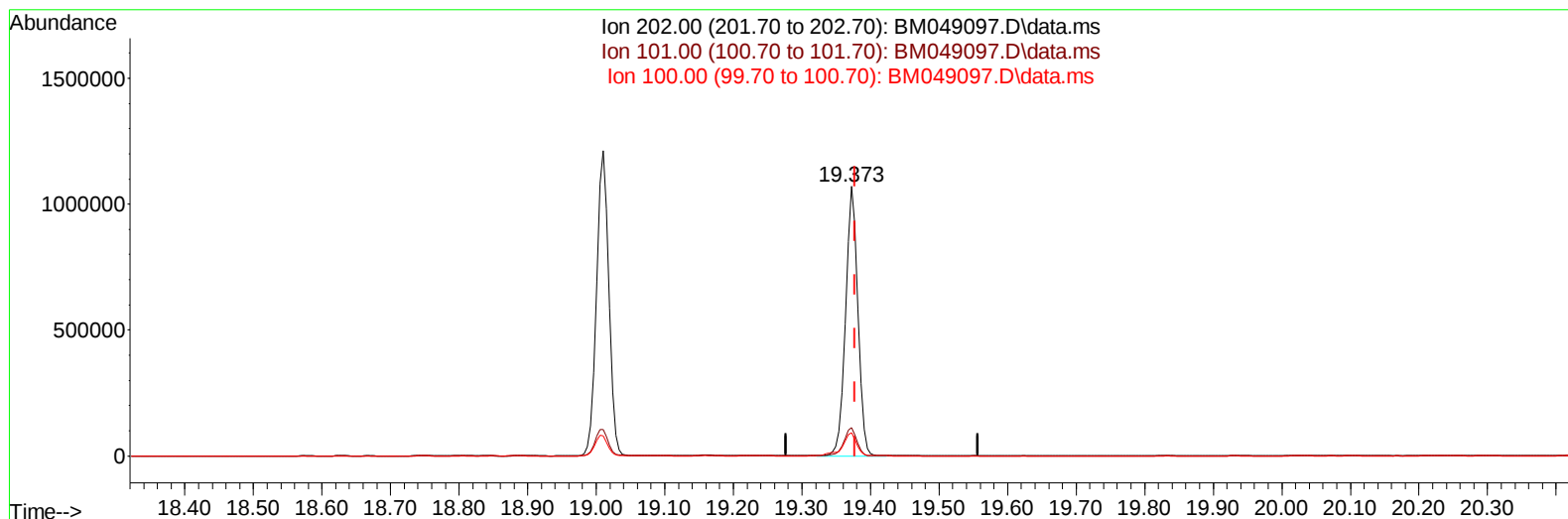
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

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



TIC: BM049097.D\data.ms

(20) Pyrene

19.373min (-0.005) 19.79 ng/ul m

response 1338568

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	10.56
100.00	8.60	8.59
0.00	0.00	0.00

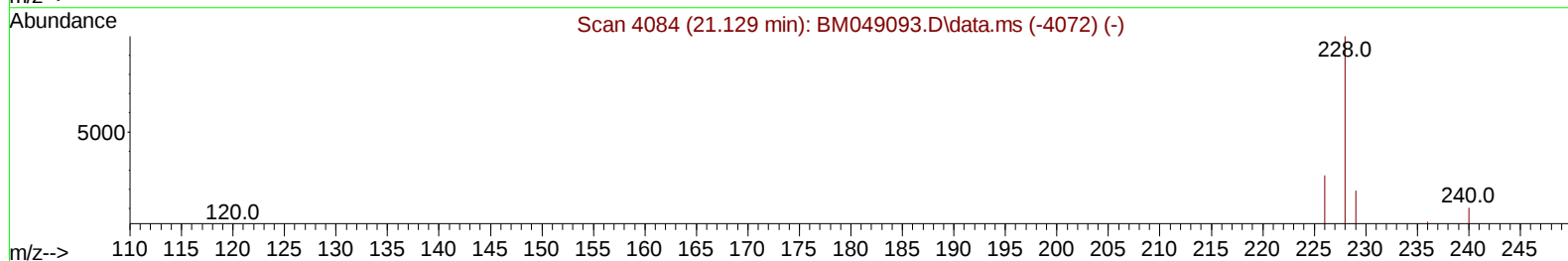
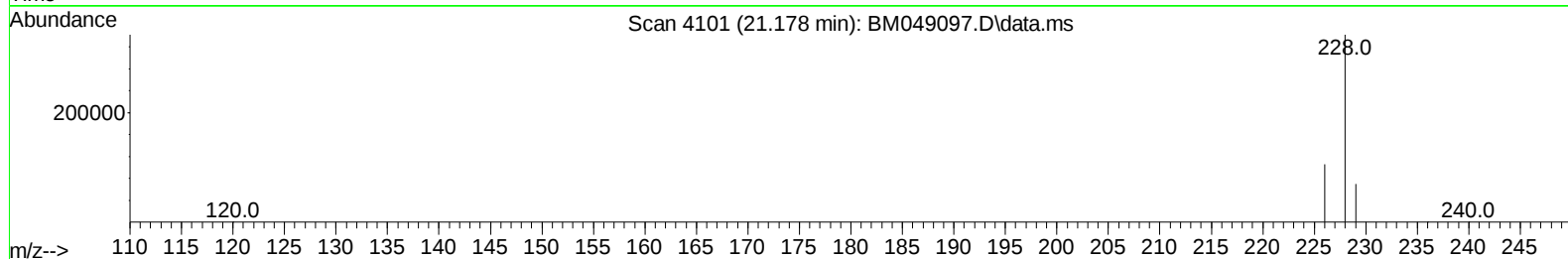
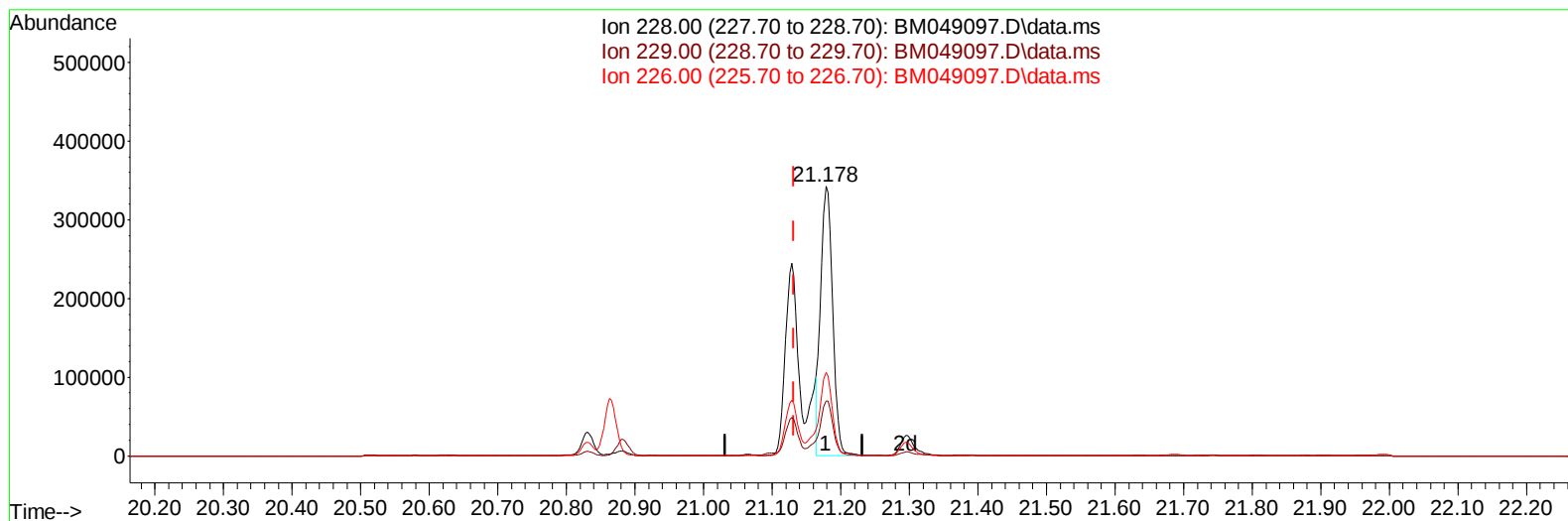
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049097.D\data.ms

(21) Benzo(a)anthracene

21.178min (+ 0.047) 6.80 ng/u1

response 414891

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.50
226.00	28.30	31.03
0.00	0.00	0.00

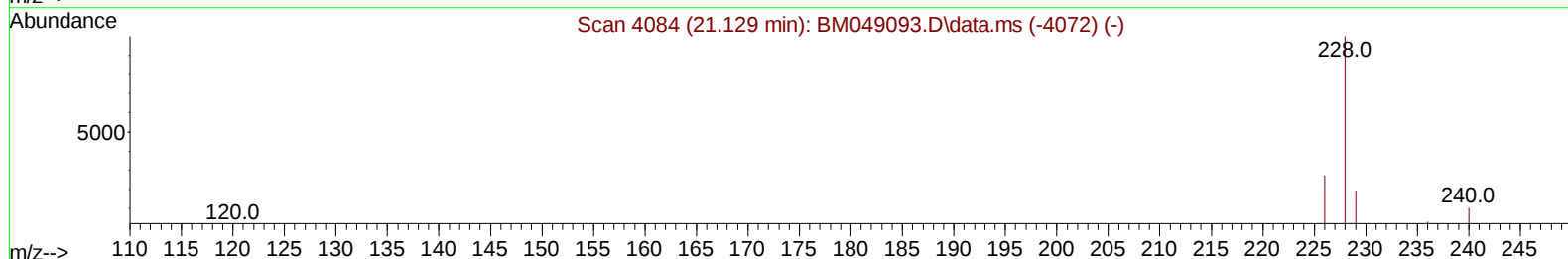
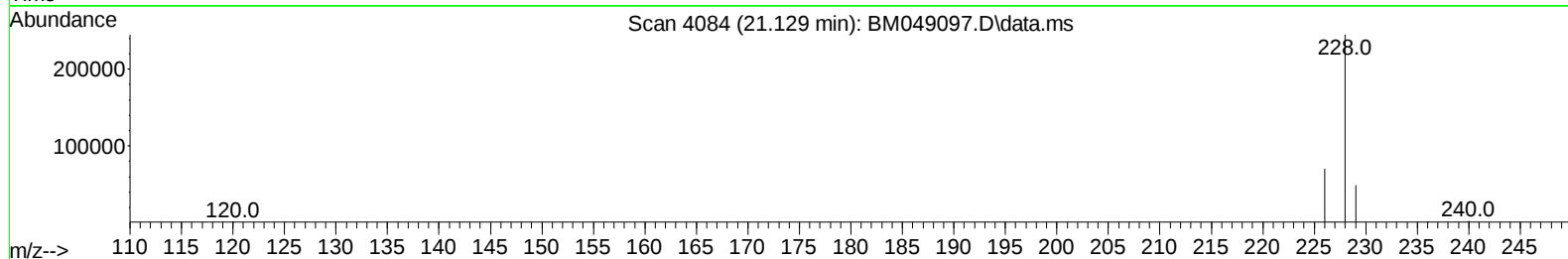
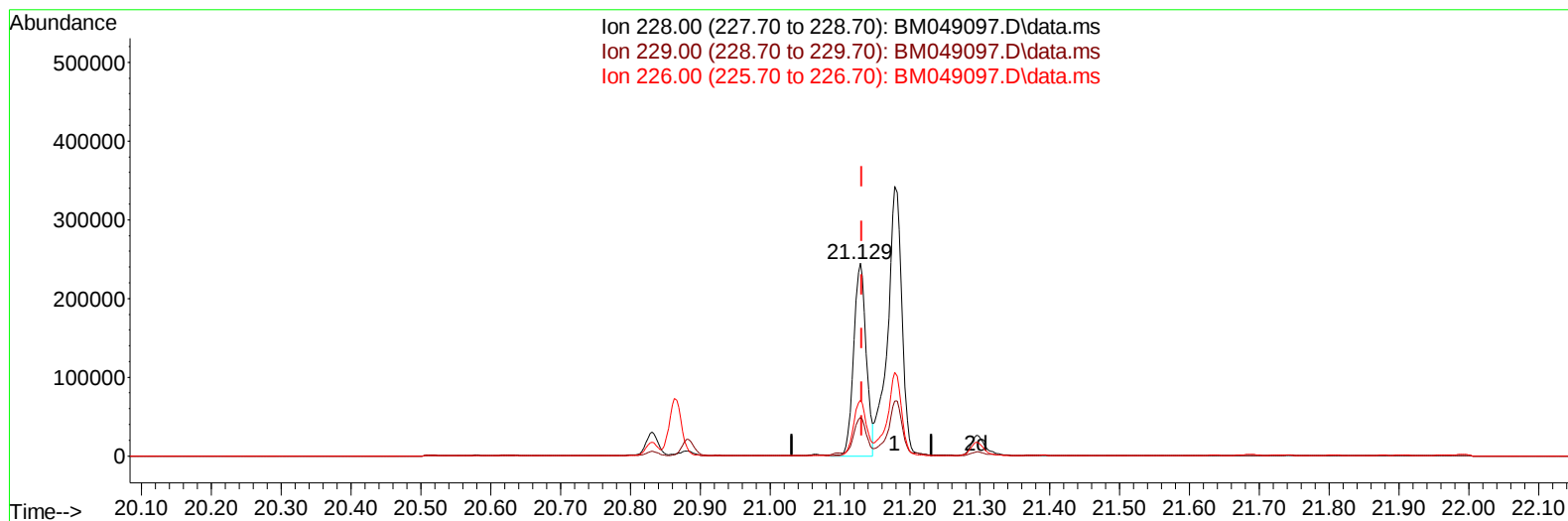
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

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



TIC: BM049097.D\data.ms

(21) Benzo(a)anthracene

21.129min (-0.003) 5.01 ng/u1 m

response 305845

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.07
226.00	28.30	28.89
0.00	0.00	0.00

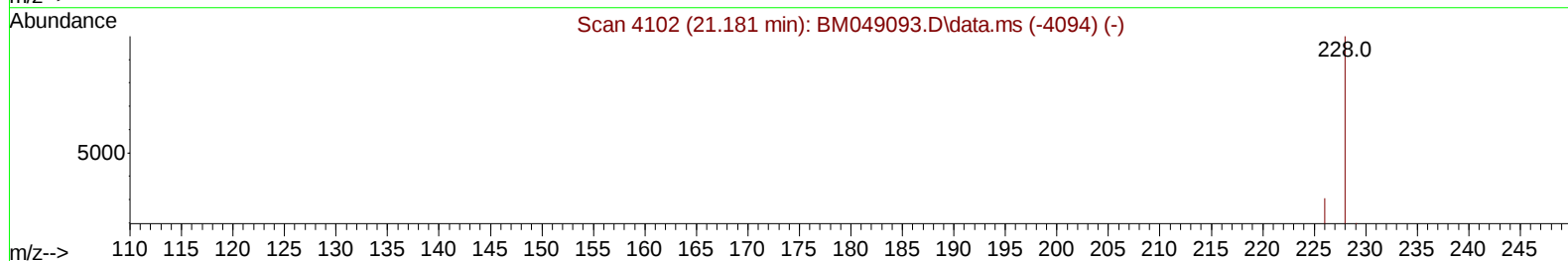
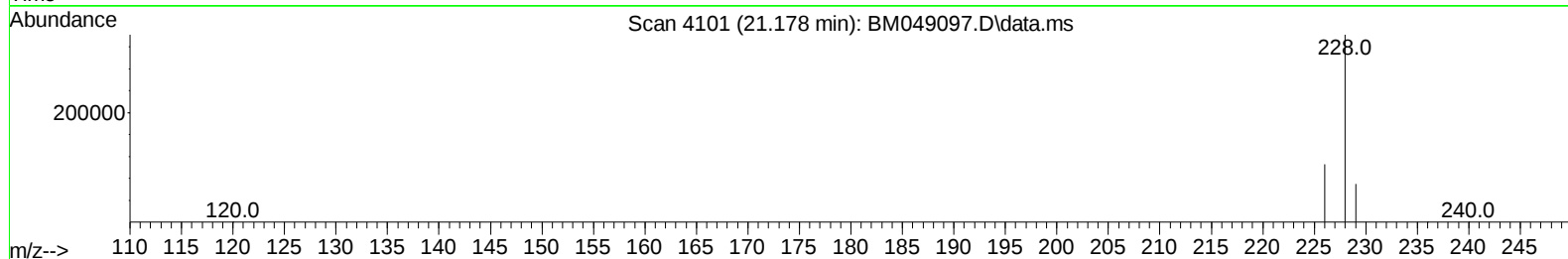
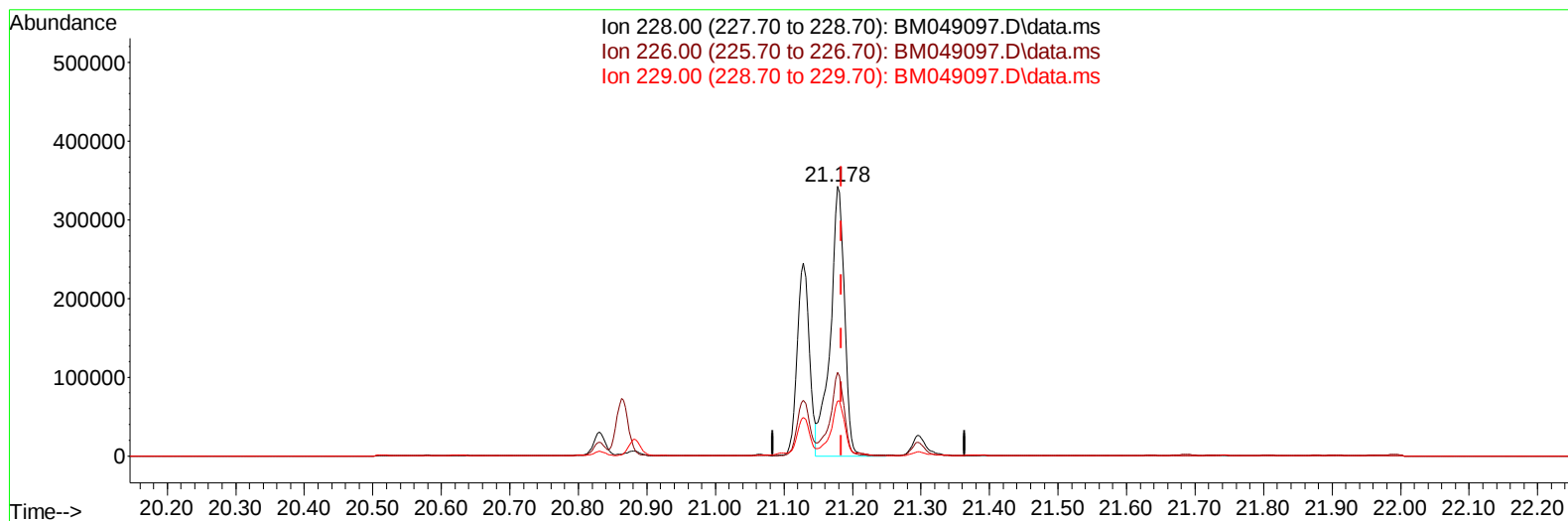
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

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



TIC: BM049097.D\data.ms

(22) Chrysene

21.178min (-0.006) 7.52 ng/u1 m

response 492689

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	31.03
229.00	19.80	20.50
0.00	0.00	0.00

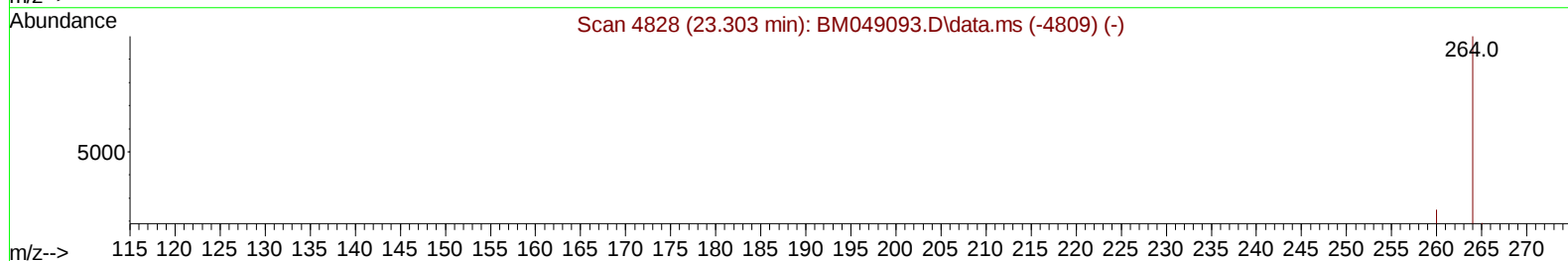
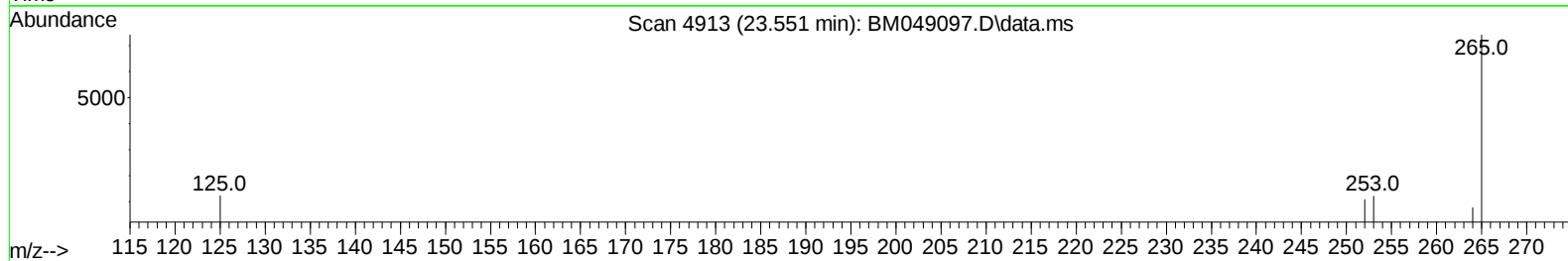
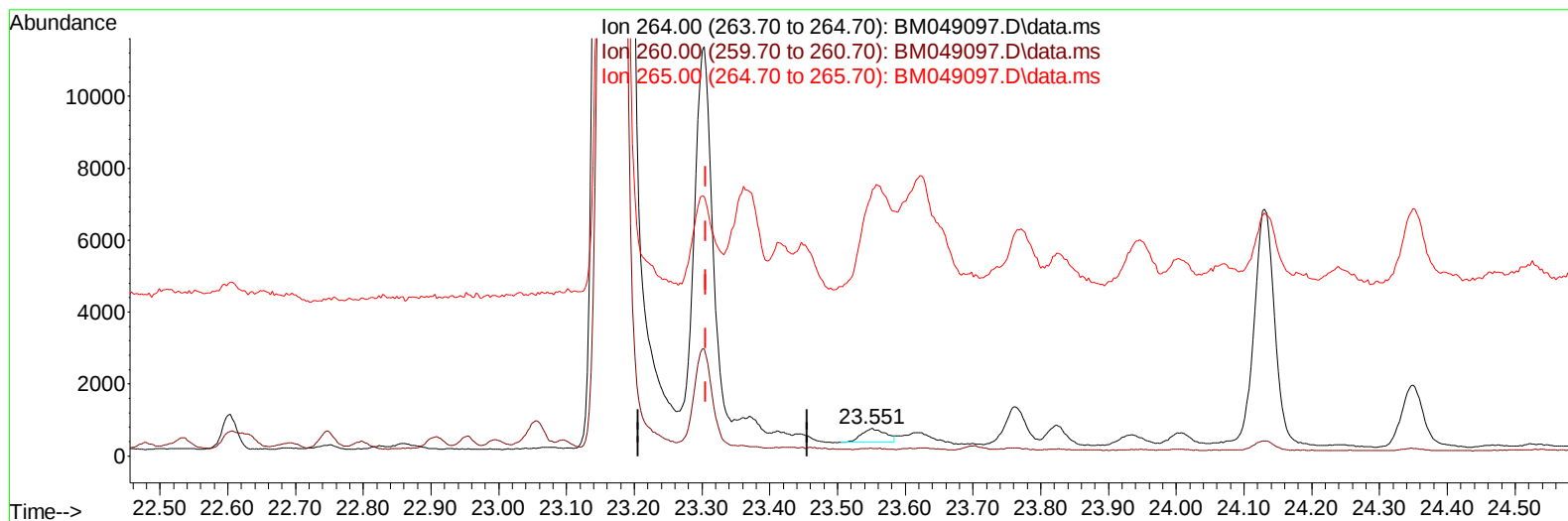
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
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TIC: BM049097.D\data.ms

(23) Perylene-d12 (I)

23.551min (+ 0.246) 0.40 ng/u1

response 983

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	27.17
265.00	78.30	973.23#
0.00	0.00	0.00

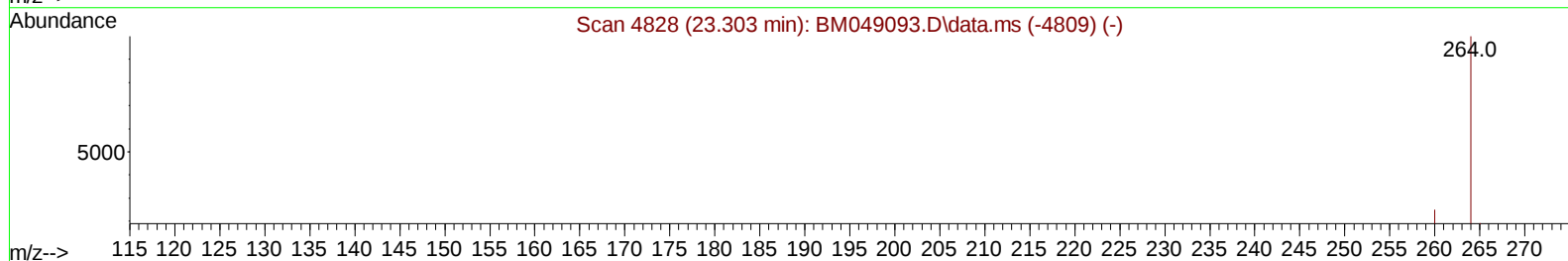
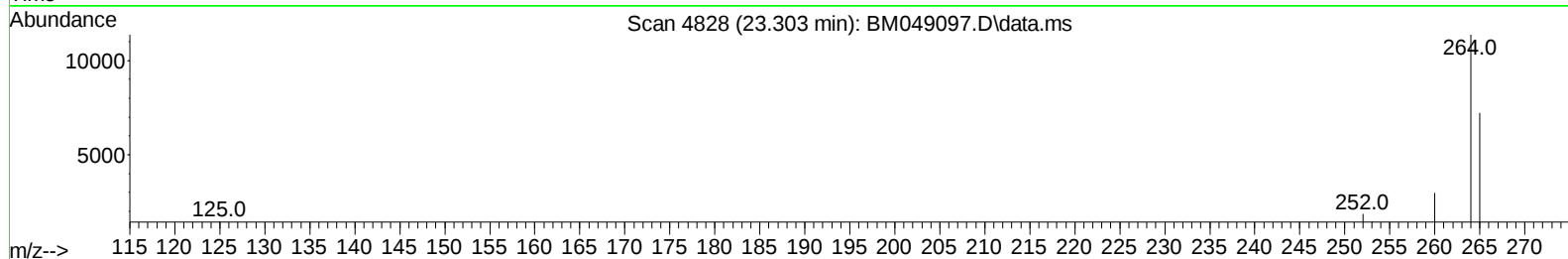
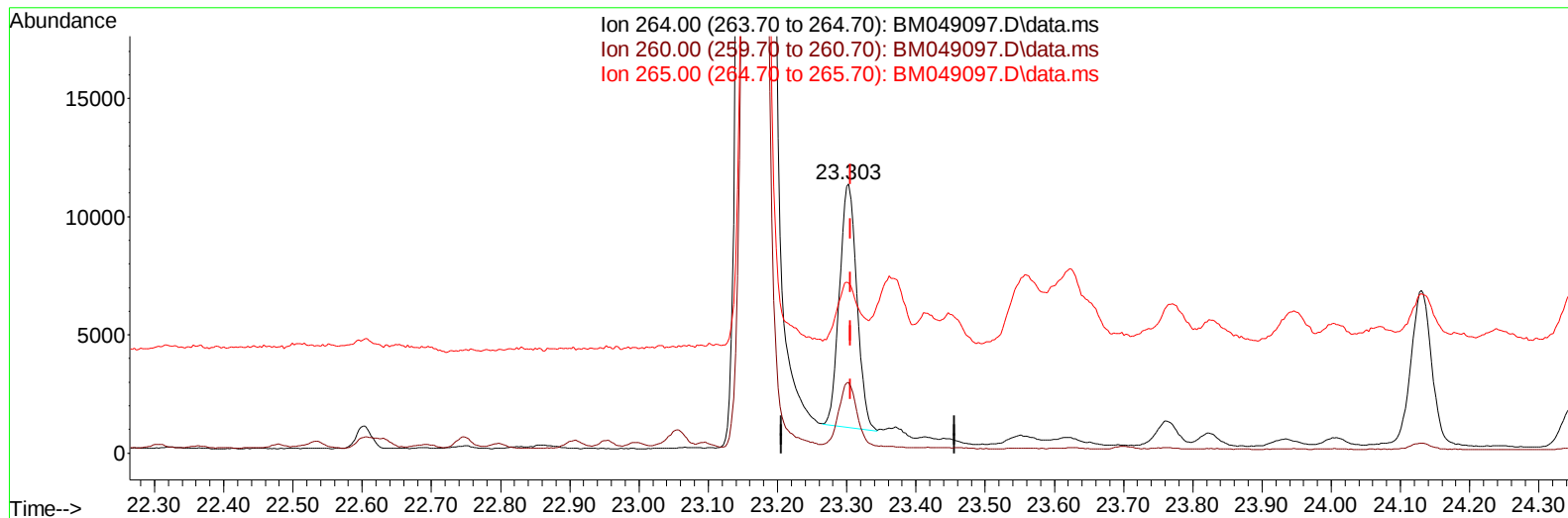
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049097.D\data.ms

(23) Perylene-d12 (I)

23.303min (-0.003) 0.40 ng/ul m

response 17992

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.21
265.00	78.30	63.38
0.00	0.00	0.00

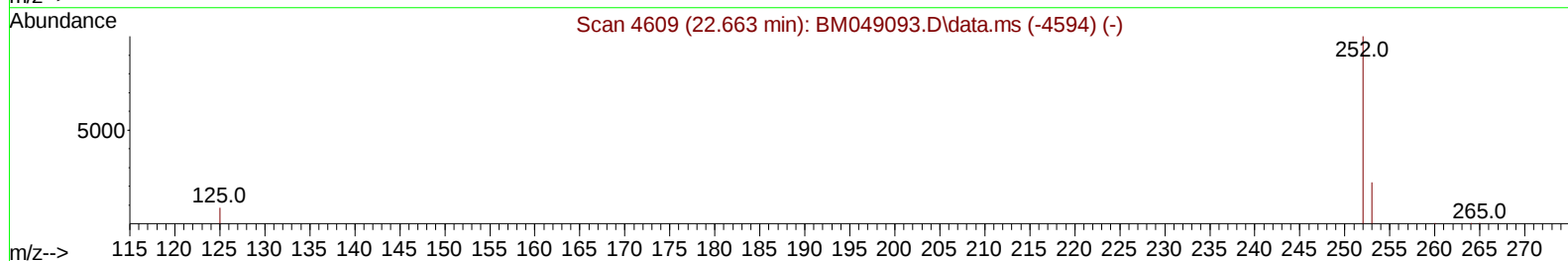
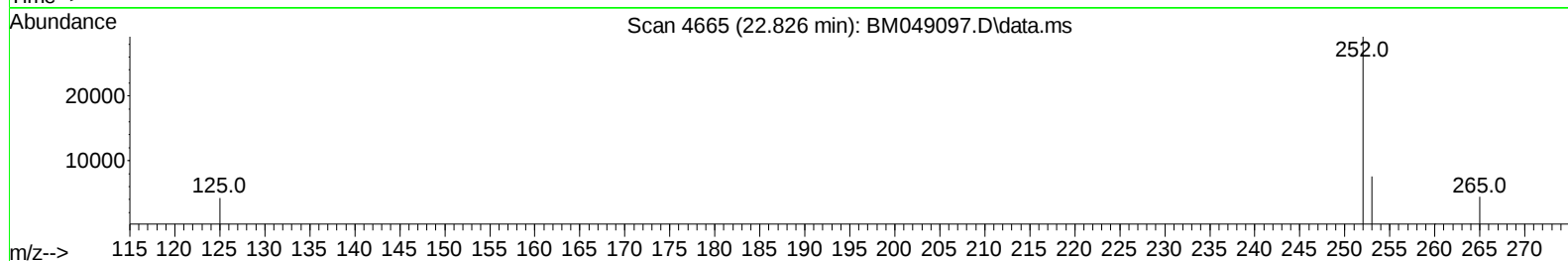
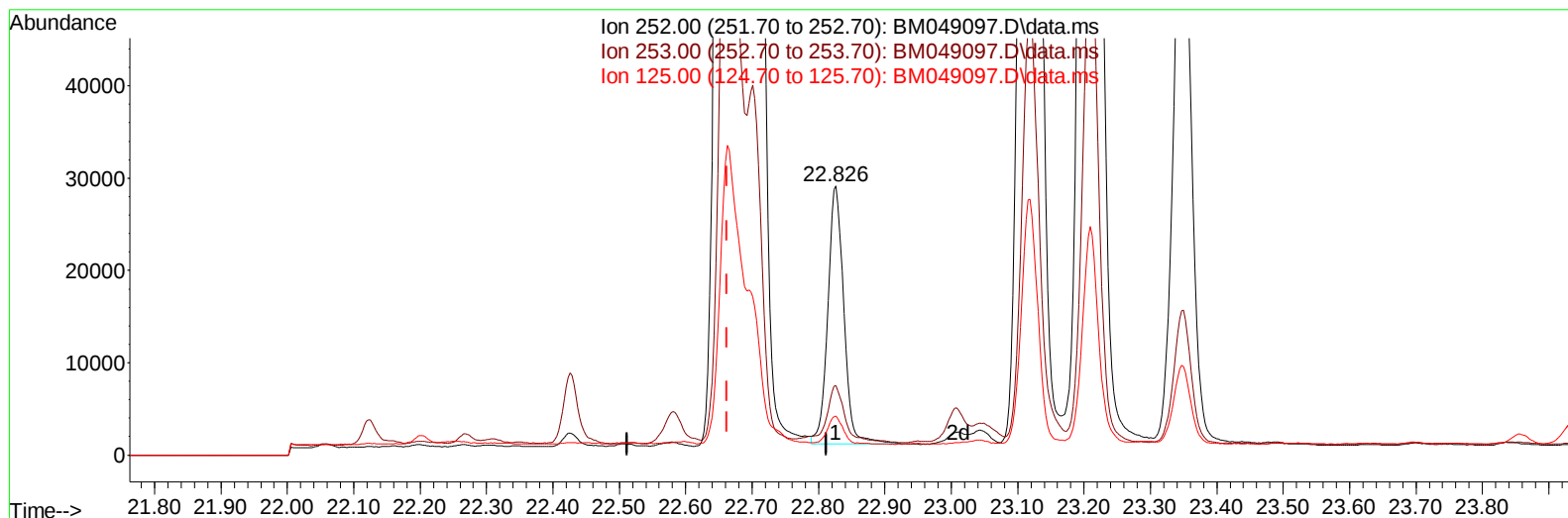
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049097.D
 Acq On : 20 Dec 2024 12:39
 Operator : RC/JU
 Sample : P5265-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024



TIC: BM049097.D\data.ms

(24) Benzo(b)fluoranthene

22.826min (+ 0.164) 0.81 ng/u1

response 46609

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	25.90
125.00	15.40	14.61
0.00	0.00	0.00

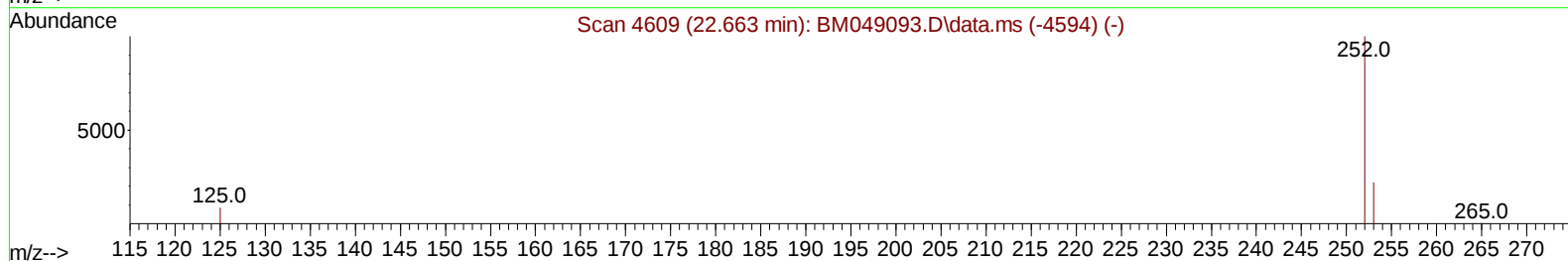
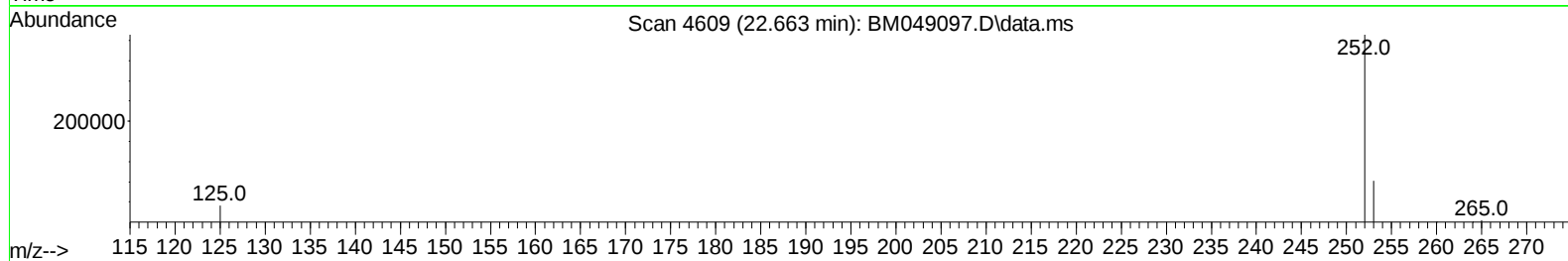
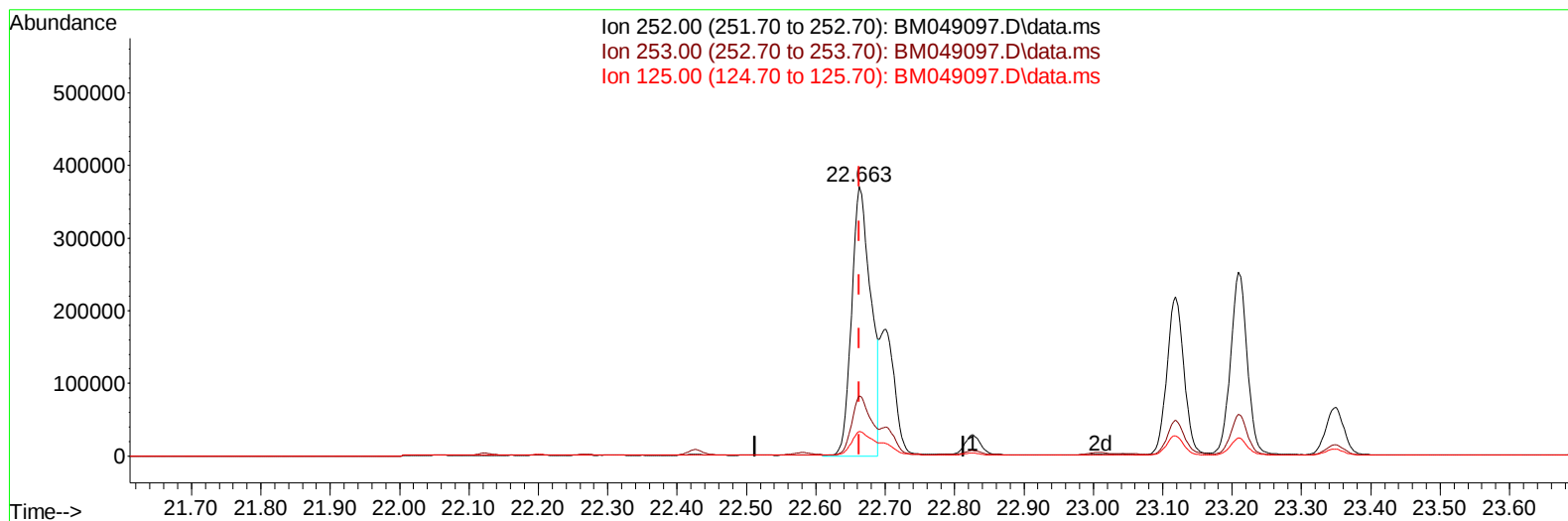
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049097.D
 Acq On : 20 Dec 2024 12:39
 Operator : RC/JU
 Sample : P5265-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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



TIC: BM049097.D\data.ms

(24) Benzo(b)fluoranthene

22.663min (+ 0.000) 12.38 ng/ul m

response 711833

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	22.25
125.00	15.40	9.03
0.00	0.00	0.00

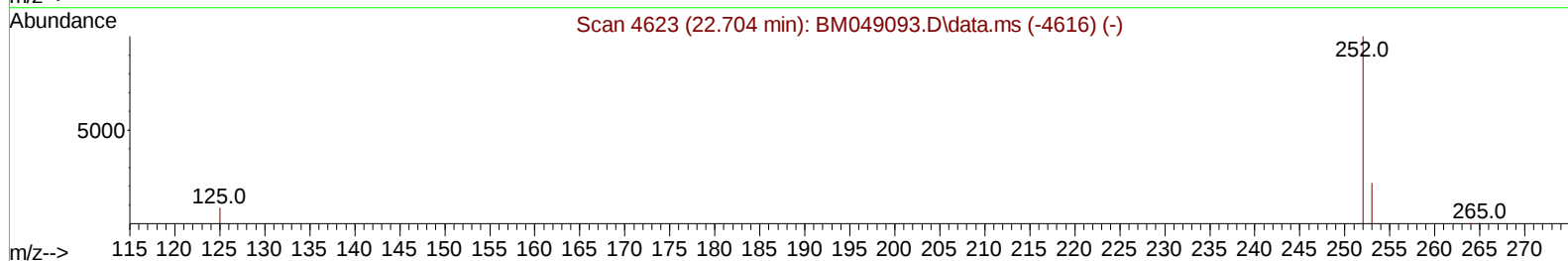
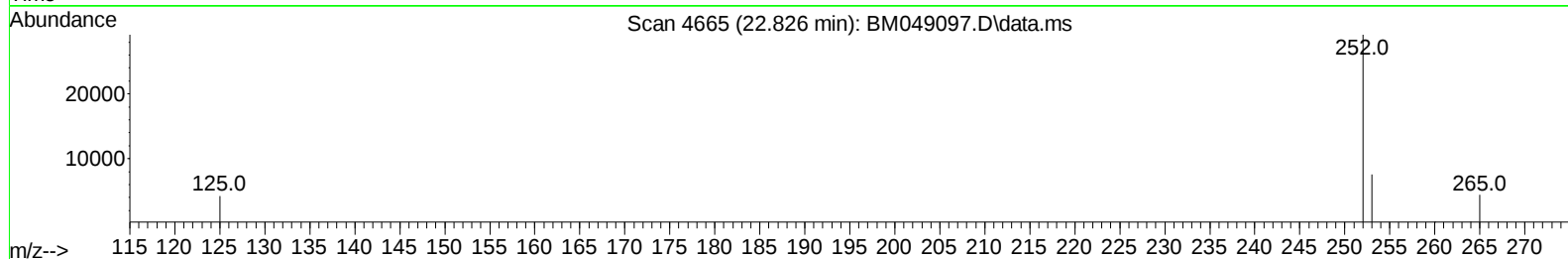
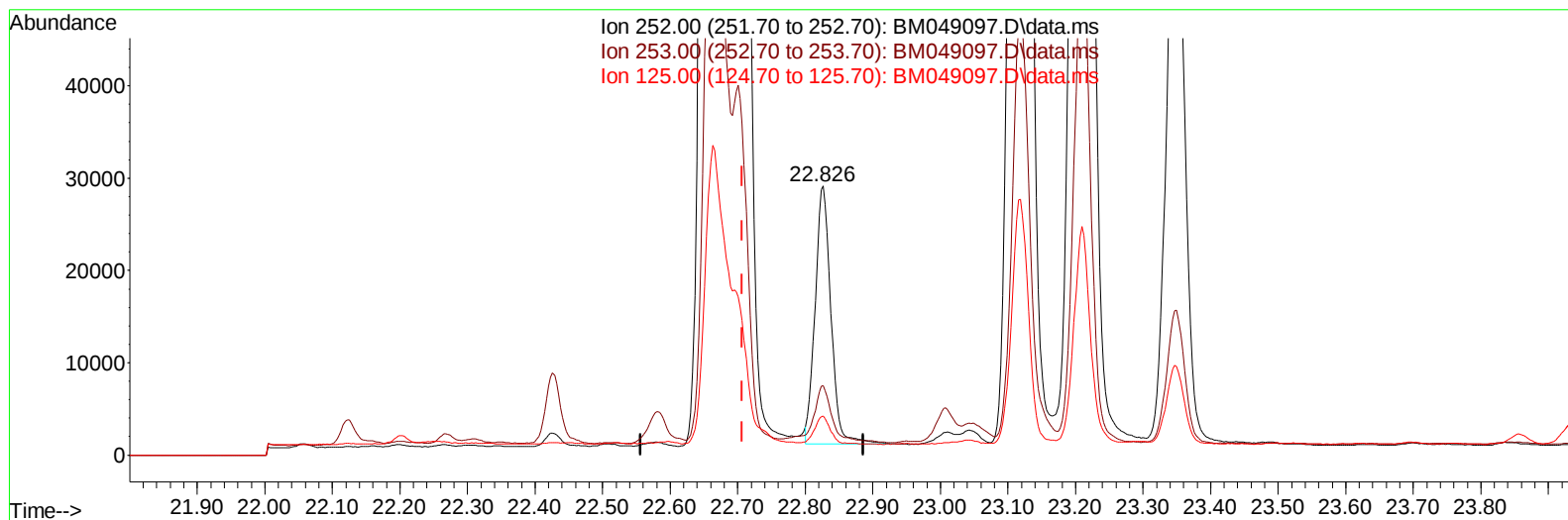
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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TIC: BM049097.D\data.ms

(25) Benzo(k)fluoranthene

22.826min (+ 0.120) 0.72 ng/u1

response 45709

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	25.90
125.00	15.70	14.61
0.00	0.00	0.00

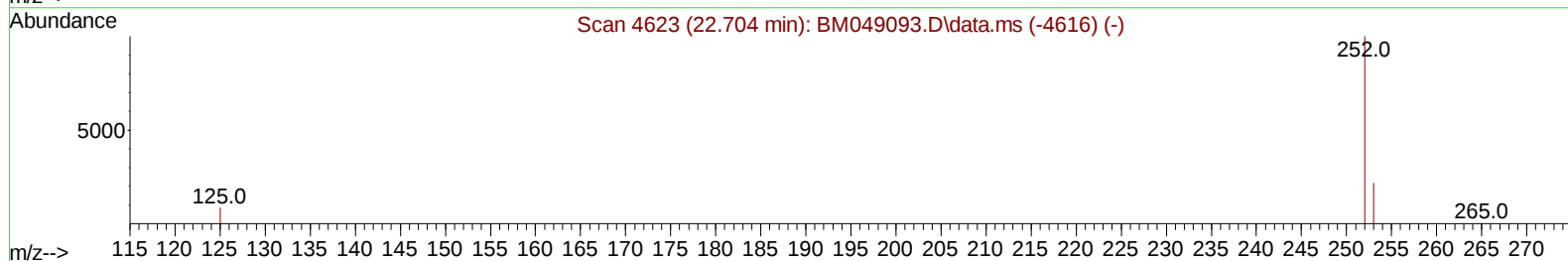
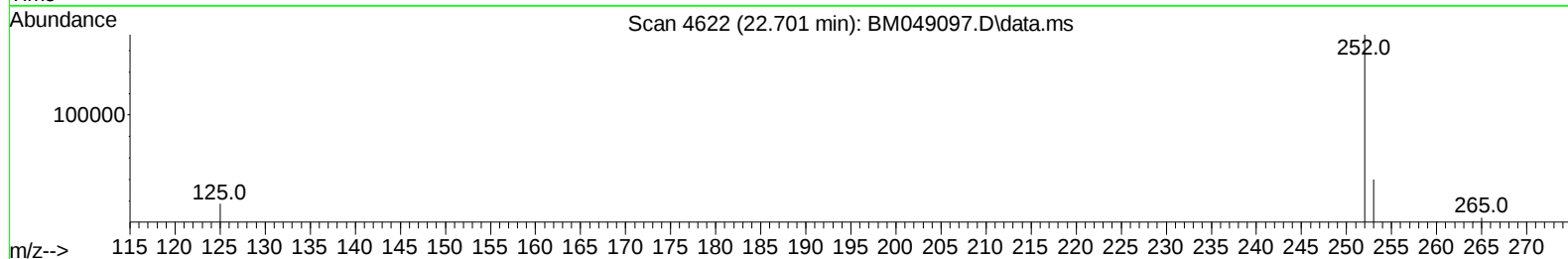
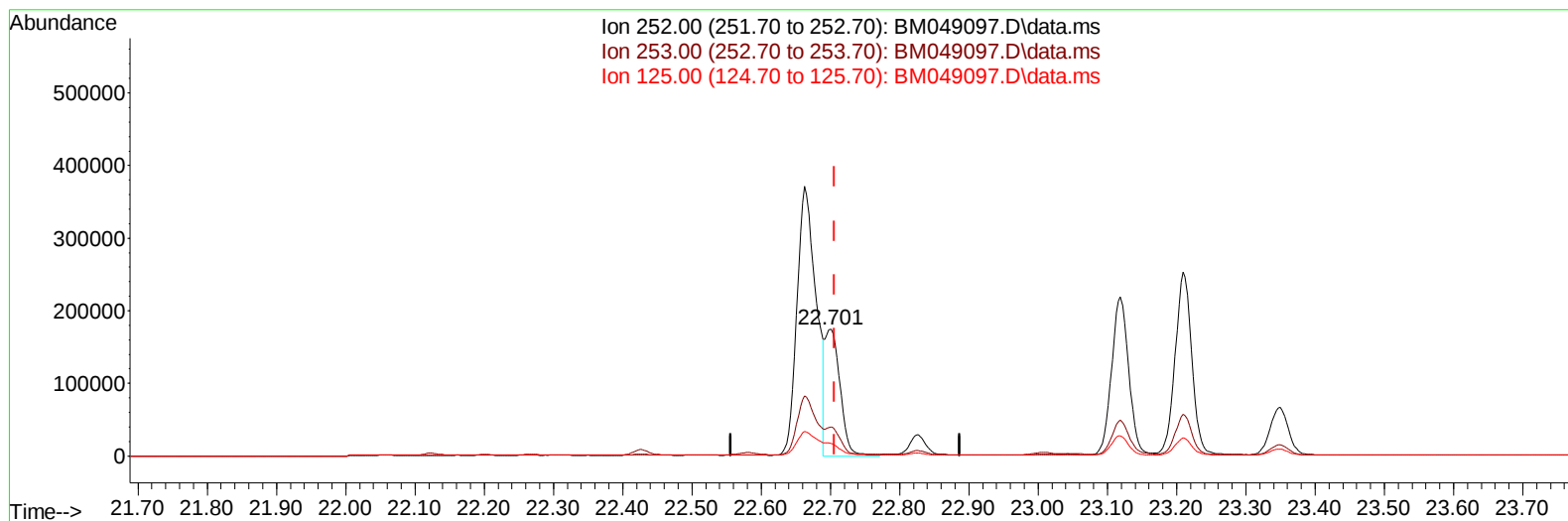
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

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

Quant Time: Dec 20 13:54:42 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: BM049097.D\data.ms

(25) Benzo(k)fluoranthene

22.701min (-0.006) 4.24 ng/u1 m

response 267492

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	22.96
125.00	15.70	9.81#
0.00	0.00	0.00

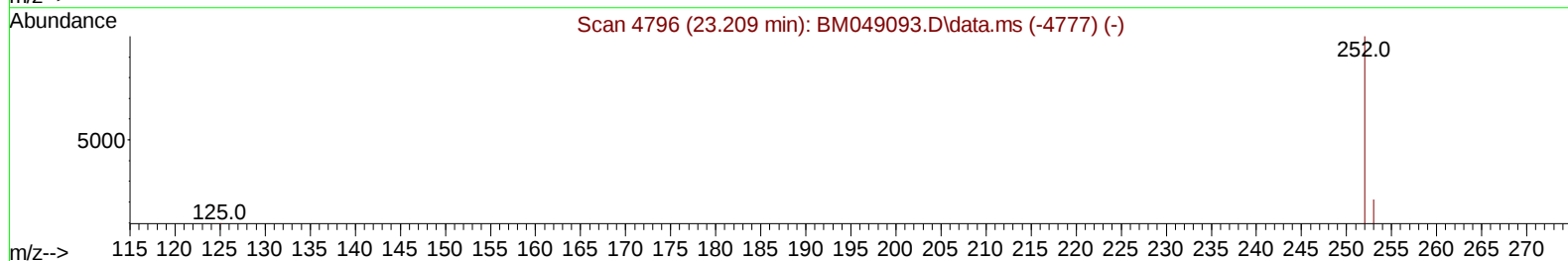
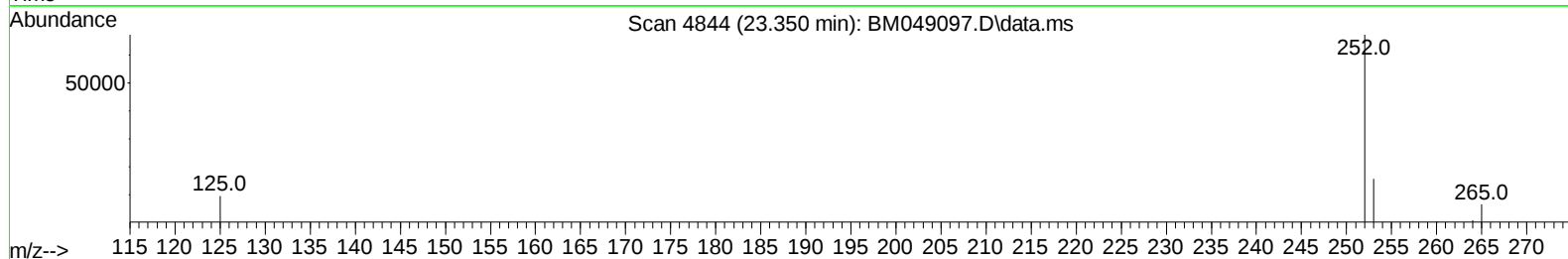
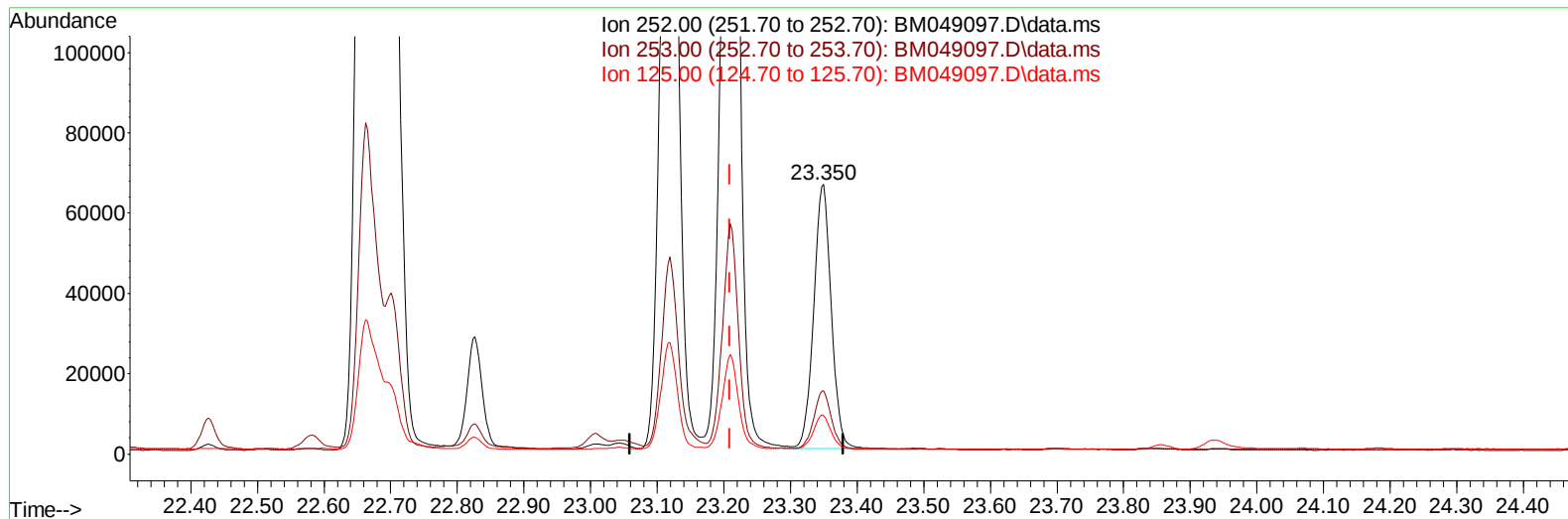
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 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: BM049097.D\data.ms

(26) Benzo(a)pyrene (C)

23.350min (+ 0.140) 2.20 ng/u1

response 121255

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	23.42
125.00	18.50	14.33#
0.00	0.00	0.00

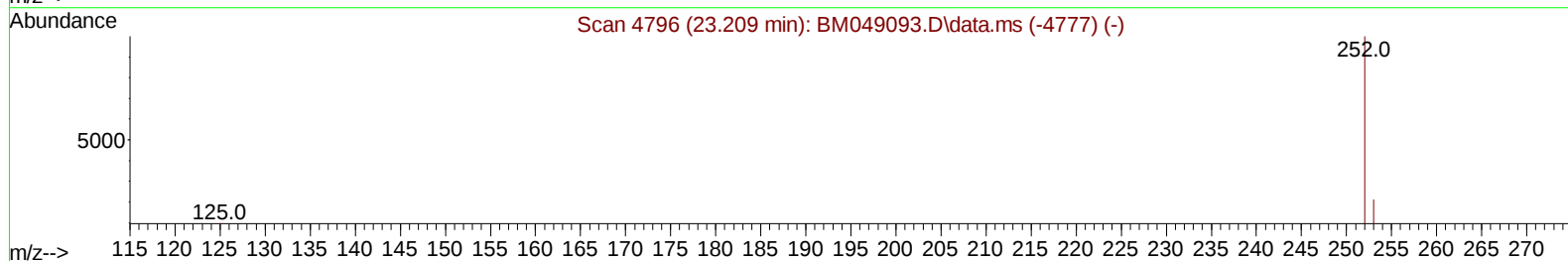
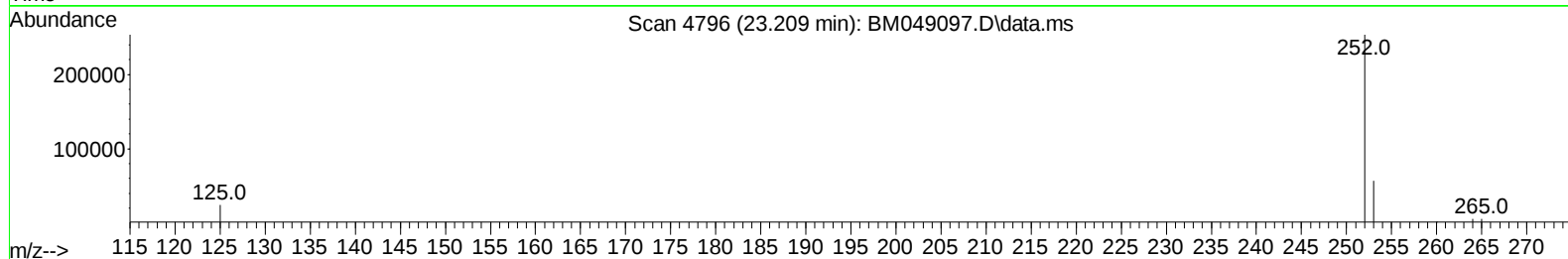
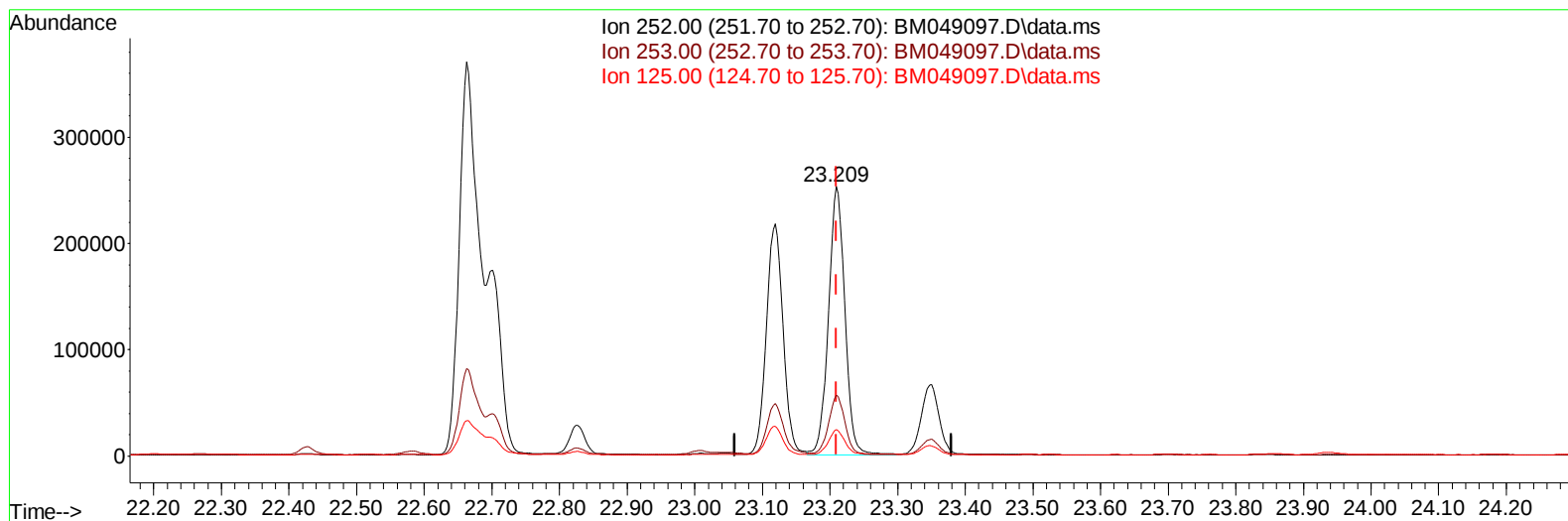
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

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



TIC: BM049097.D\data.ms

(26) Benzo(a)pyrene (C)

23.209min (+ 0.000) 7.75 ng/u1 m

response 427230

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	22.60
125.00	18.50	9.77#
0.00	0.00	0.00

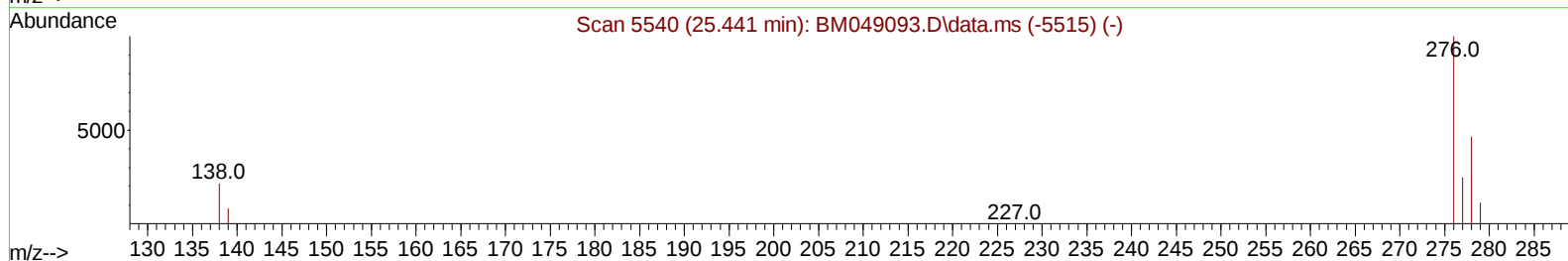
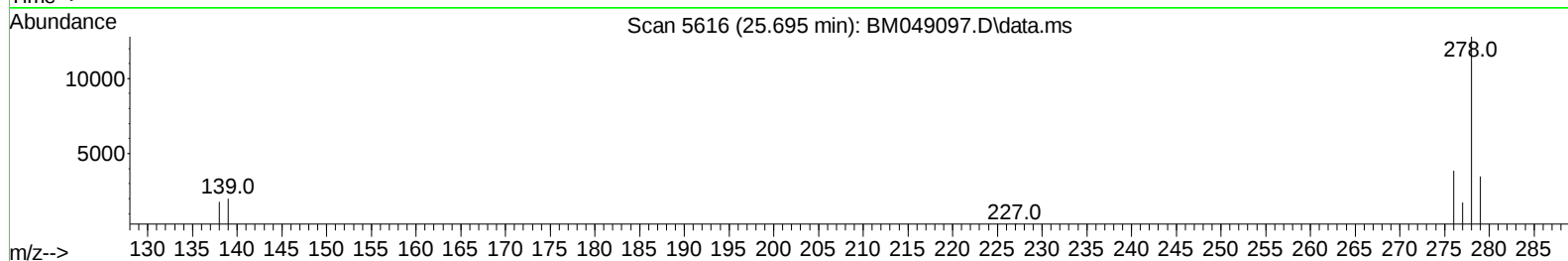
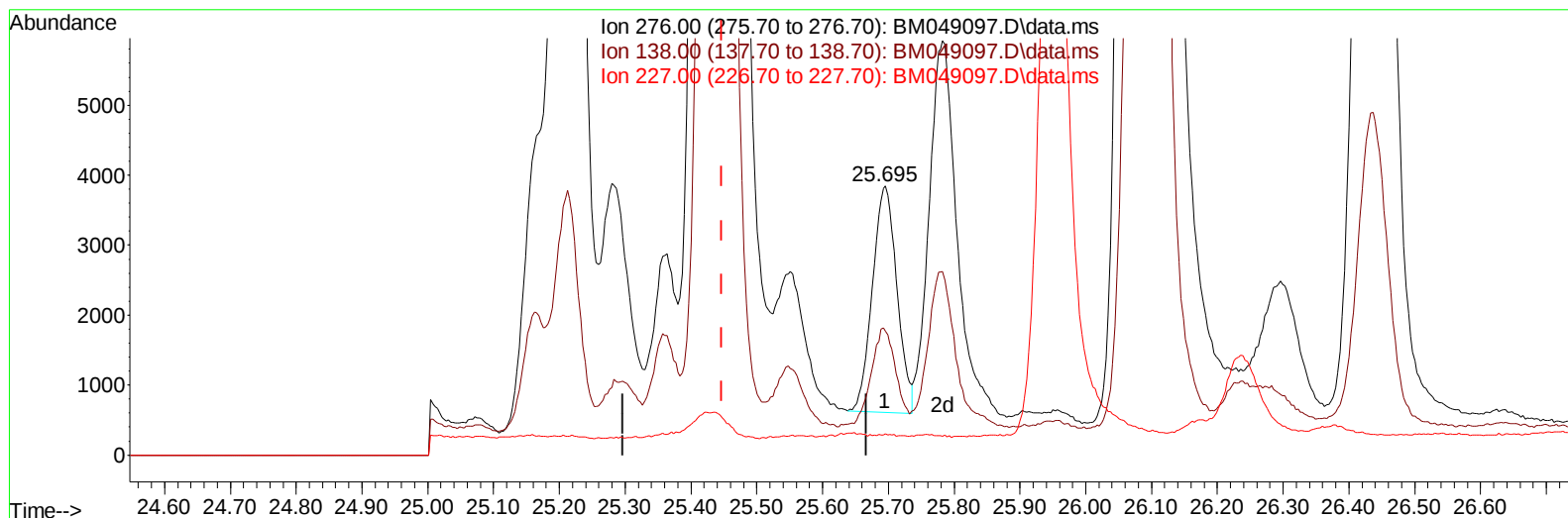
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049097.D
 Acq On : 20 Dec 2024 12:39
 Operator : RC/JU
 Sample : P5265-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
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TIC: BM049097.D\data.ms

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

25.695min (+ 0.248) 0.11 ng/u1

response 8415

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	44.65#
227.00	0.20	0.00#
0.00	0.00	0.00

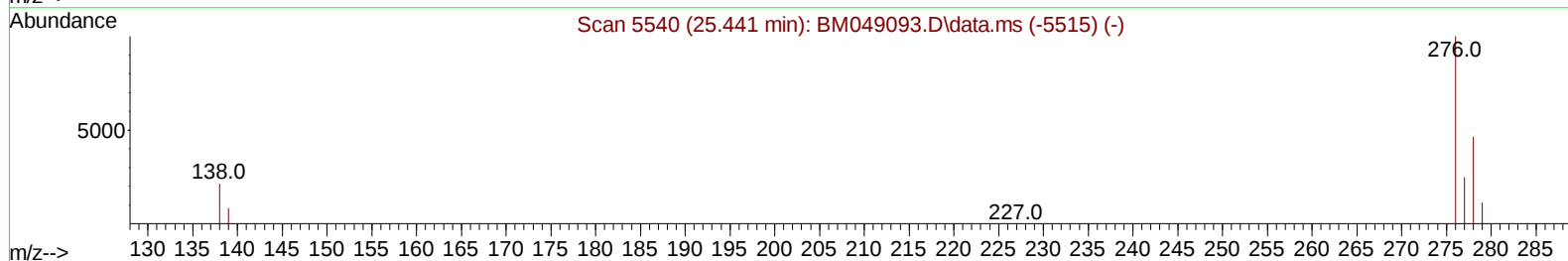
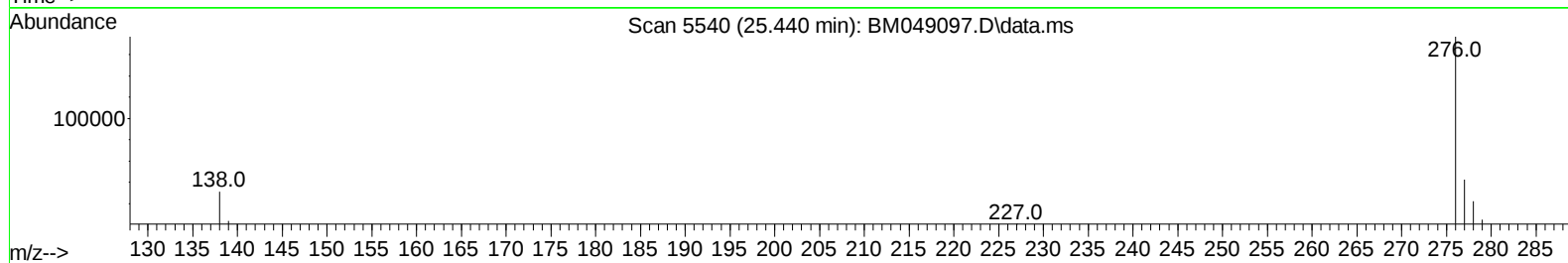
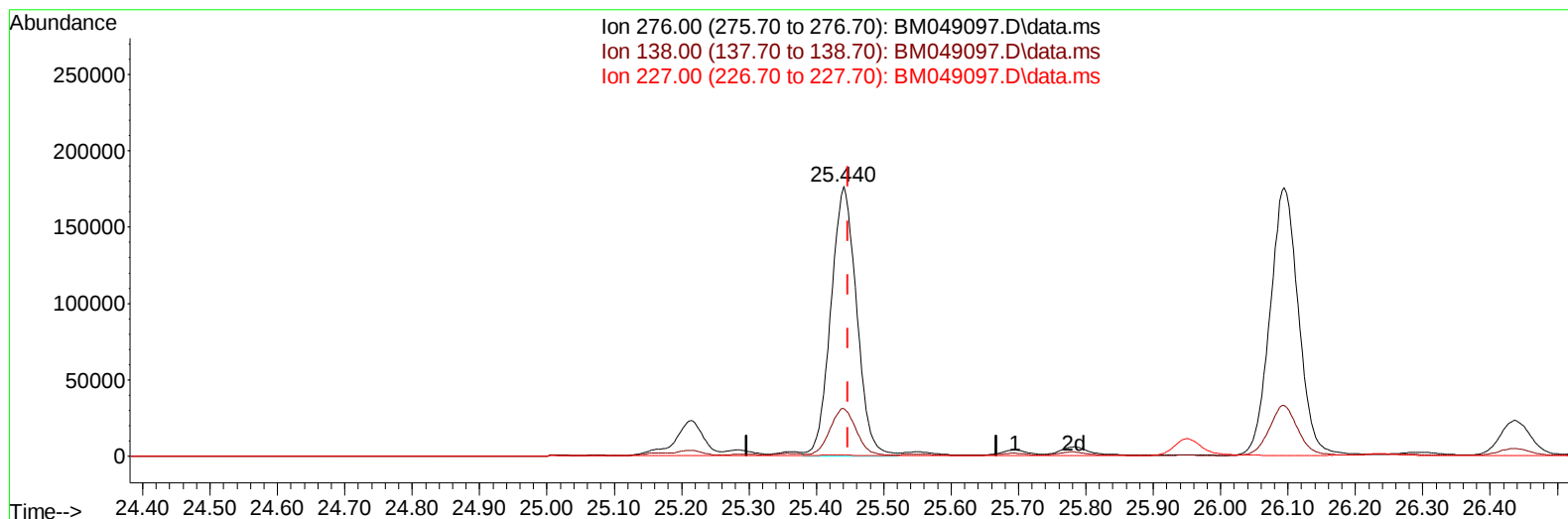
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

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



TIC: BM049097.D\data.ms

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

25.440min (-0.007) 6.01 ng/u1 m

response 469121

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	0.80#
227.00	0.20	0.00#
0.00	0.00	0.00

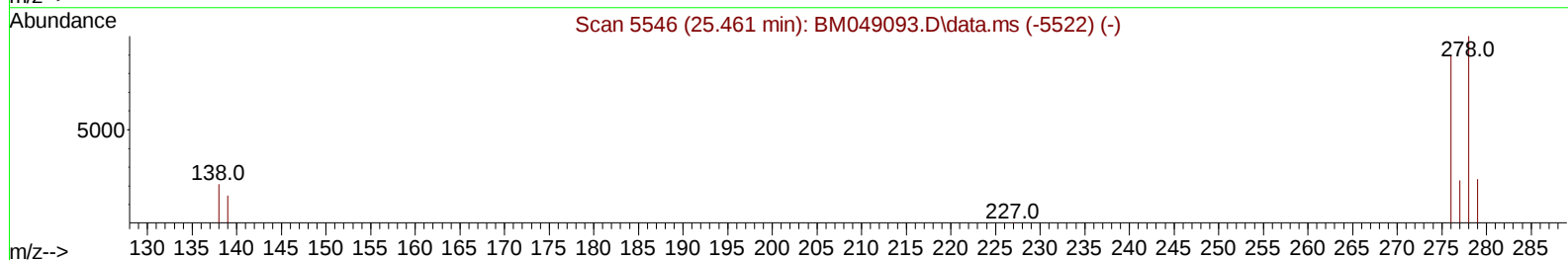
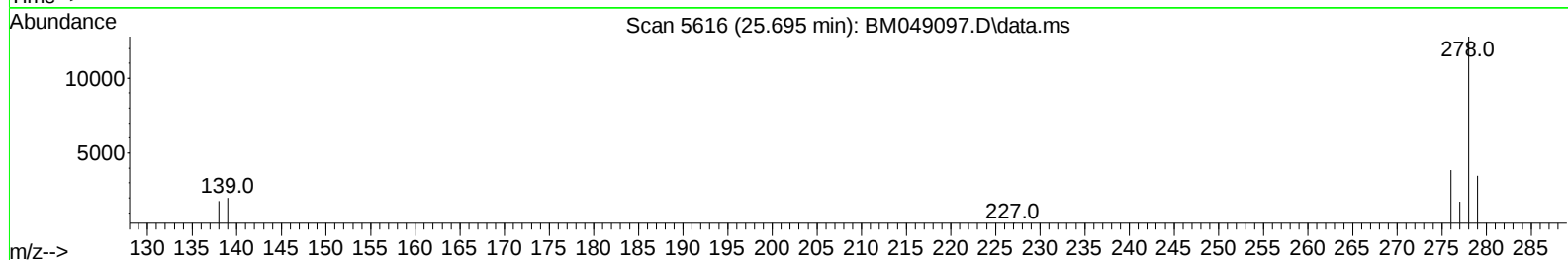
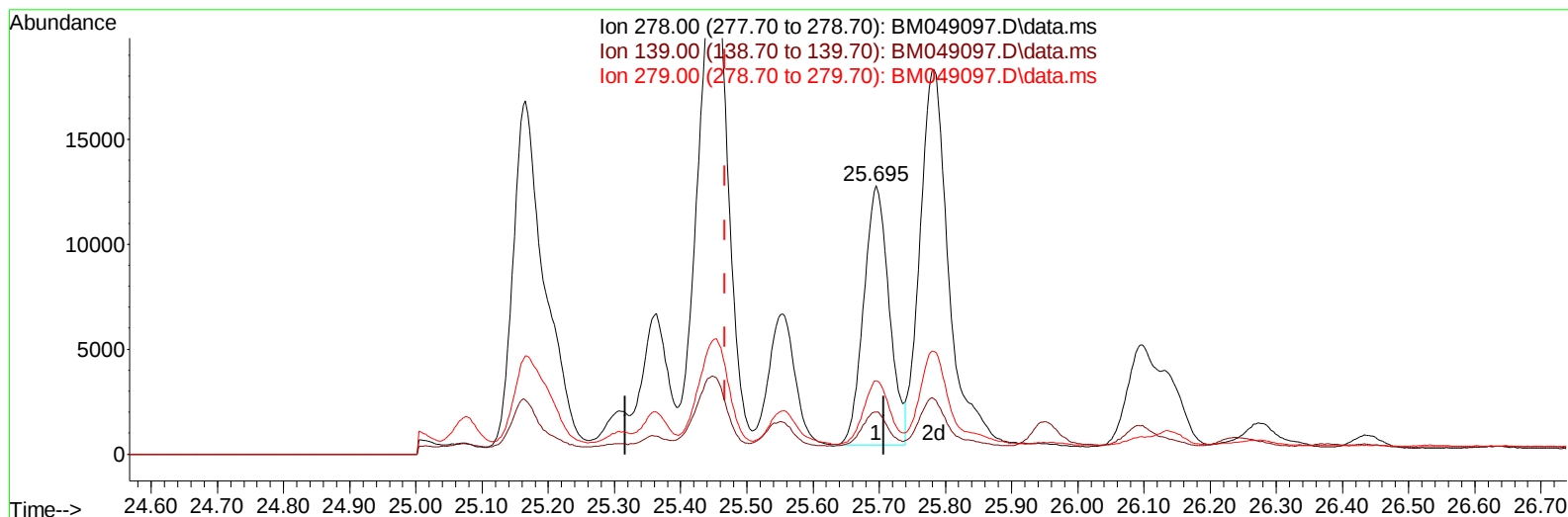
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
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TIC: BM049097.D\data.ms

(28) Dibenzo(a,h)anthracene

25.695min (+ 0.228) 0.55 ng/u1

response 33095

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	15.65
279.00	26.90	27.26
0.00	0.00	0.00

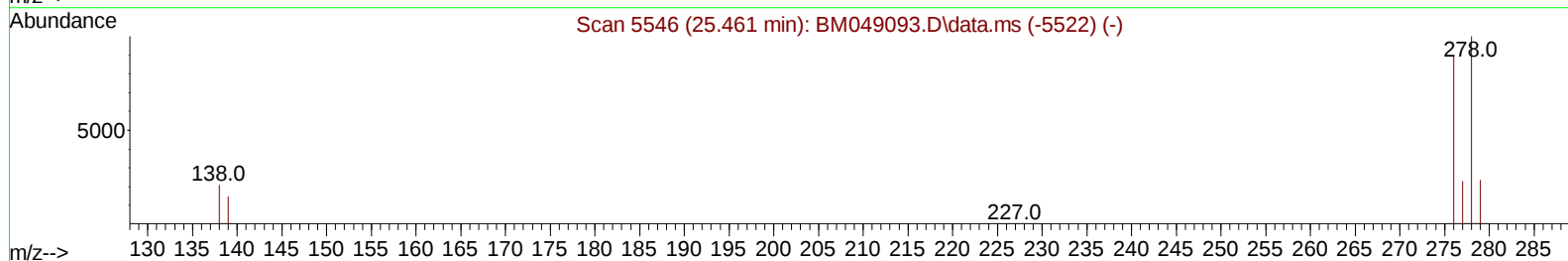
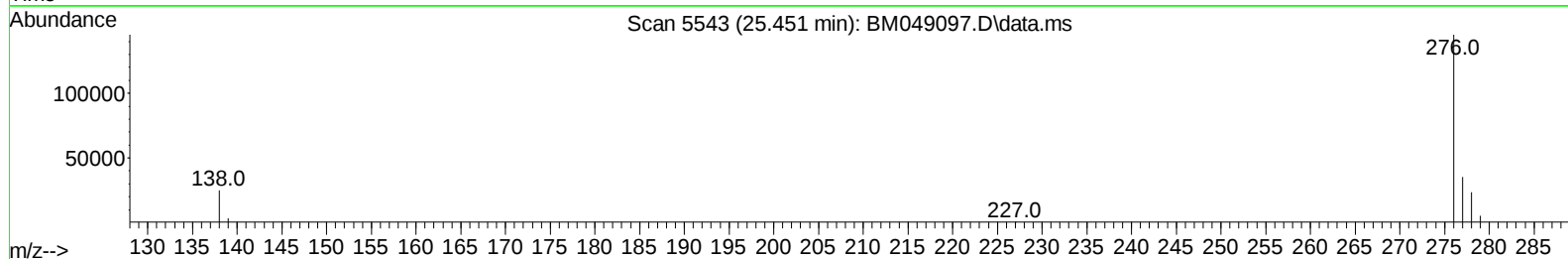
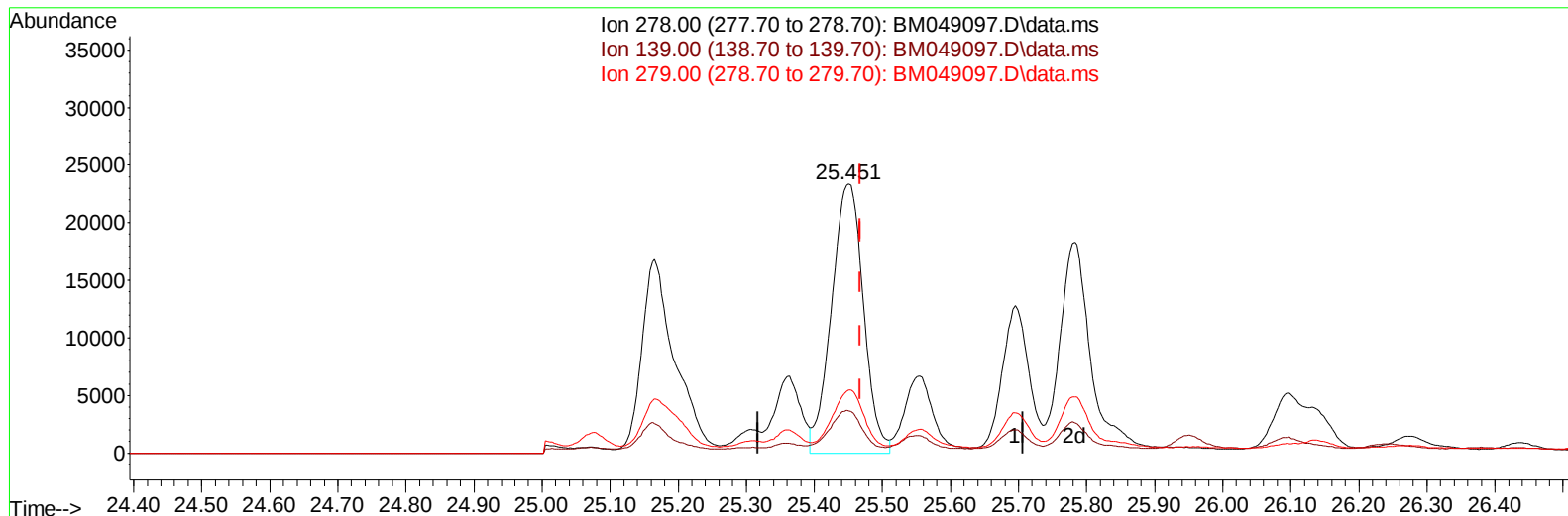
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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TIC: BM049097.D\data.ms

(28) Dibenzo(a,h)anthracene

25.451min (-0.017) 1.26 ng/ul m

response 76167

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	15.76
279.00	26.90	23.42
0.00	0.00	0.00

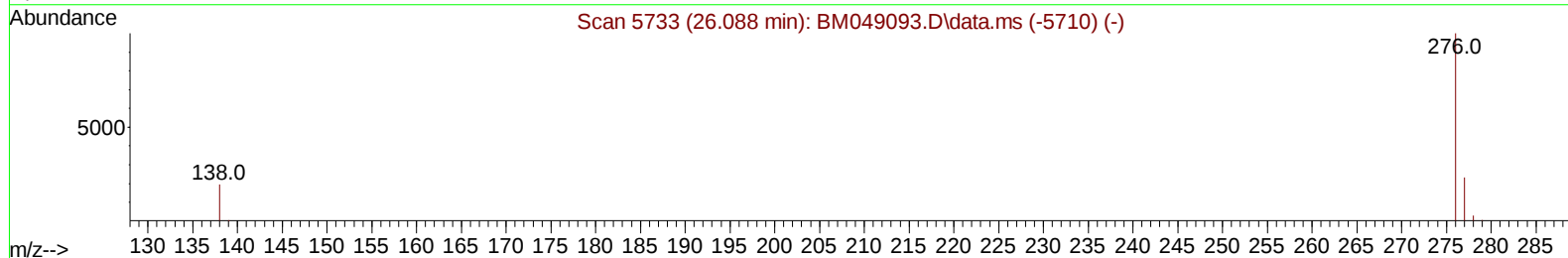
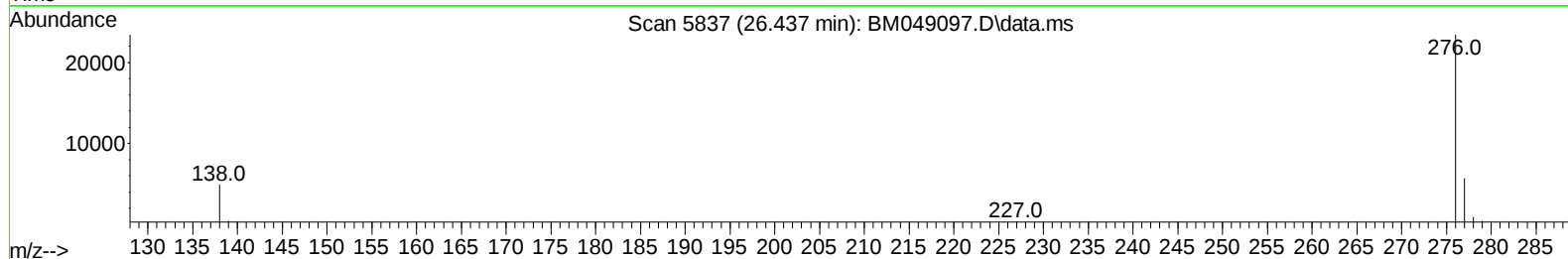
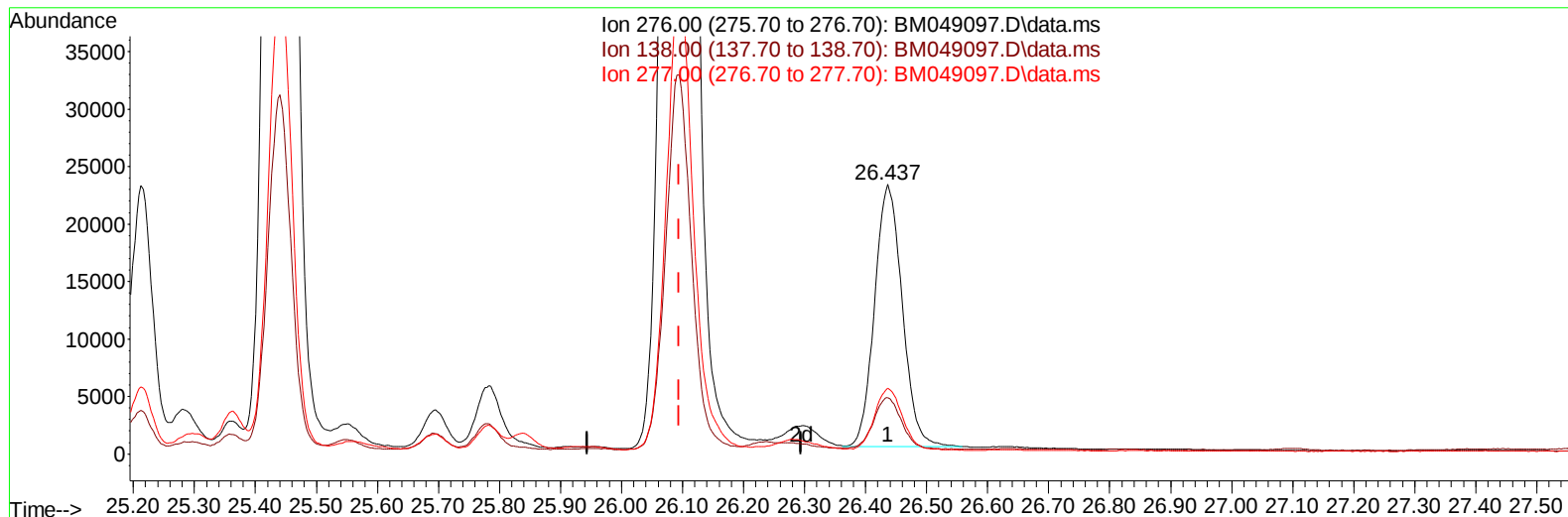
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

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TIC: BM049097.D\data.ms

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

26.437min (+ 0.342) 1.14 ng/u1

response 71471

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	20.89
277.00	24.90	24.35
0.00	0.00	0.00

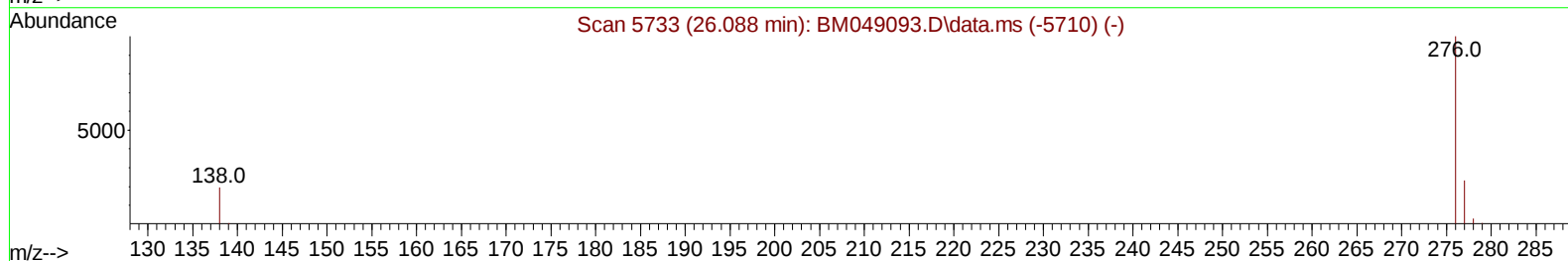
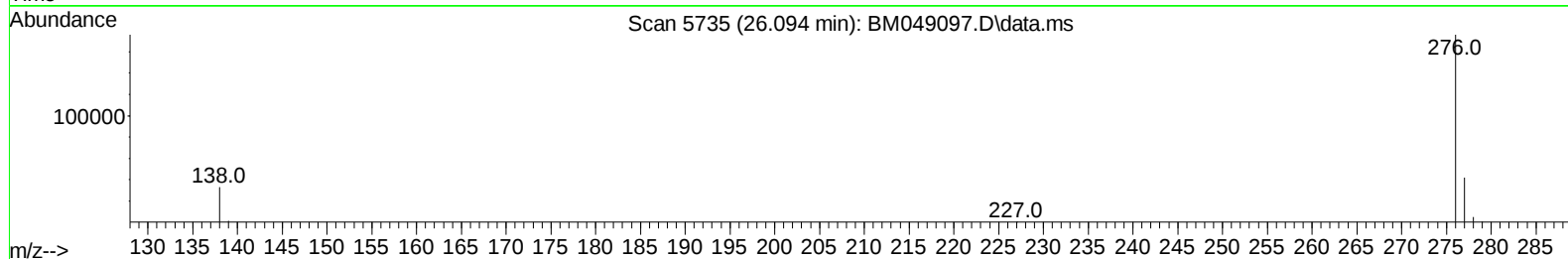
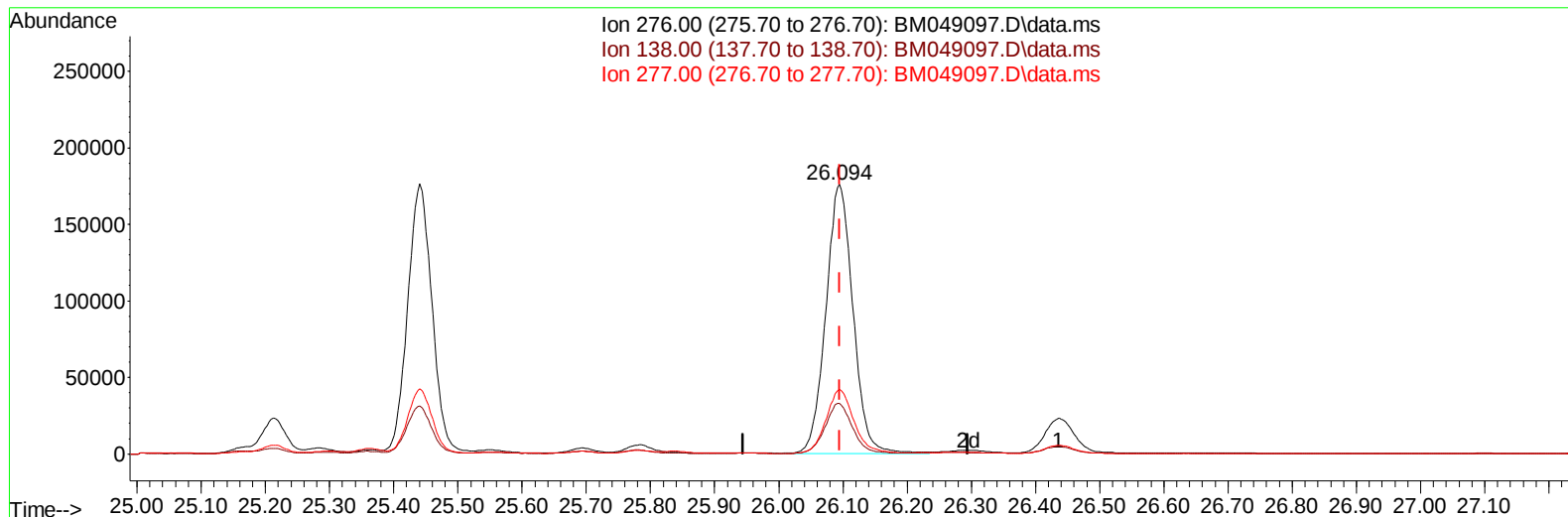
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049097.D
Acq On : 20 Dec 2024 12:39
Operator : RC/JU
Sample : P5265-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 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: BM049097.D\data.ms

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

26.094min (+ 0.000) 8.25 ng/ul m

response 517470

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	18.73
277.00	24.90	23.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049097.D
 Acq On : 20 Dec 2024 12:39
 Operator : RC/JU
 Sample : P5265-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z1

Manual IntegrationsAPPROVED

Quant Time: Dec 20 13:54:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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 QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Jagrut Upadhyay 12/23/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	6472	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	19506	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.195	164	10830	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	24551m	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	17539m	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	17992m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	33058	4.429	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	6937	0.265	ng/ul	0.00
18) Fluoranthene-d10	18.978	212	11260m	0.226	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	3110	0.064	ng/ul#	91
7) 2-Methylnaphthalene	11.997	142	2667	0.086	ng/ul	97
8) 1-Methylnaphthalene	12.217	142	2780	0.088	ng/ul	98
10) Acenaphthylene	13.913	152	9248	0.206	ng/ul#	94
11) Acenaphthene	14.256	153	9123	0.278	ng/ul	97
12) Fluorene	15.250	166	7514	0.203	ng/ul#	98
15) Phenanthrene	16.984	178	649478m	10.129	ng/ul	
16) Anthracene	17.077	178	23838m	0.405	ng/ul	
19) Fluoranthene	19.010	202	1514357m	23.880	ng/ul	
20) Pyrene	19.373	202	1338568m	19.793	ng/ul	
21) Benzo(a)anthracene	21.129	228	305845m	5.013	ng/ul	
22) Chrysene	21.178	228	492689m	7.525	ng/ul	
24) Benzo(b)fluoranthene	22.663	252	711833m	12.384	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	267492m	4.241	ng/ul	
26) Benzo(a)pyrene	23.209	252	427230m	7.750	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.440	276	469121m	6.013	ng/ul	
28) Dibenzo(a,h)anthracene	25.451	278	76167m	1.257	ng/ul	
29) Benzo(g,h,i)perylene	26.094	276	517470m	8.248	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
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Manual IntegrationsAPPROVED

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