

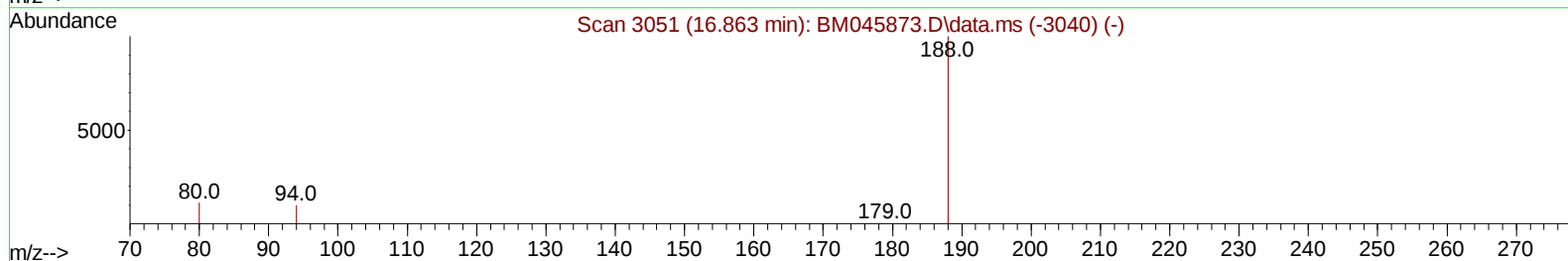
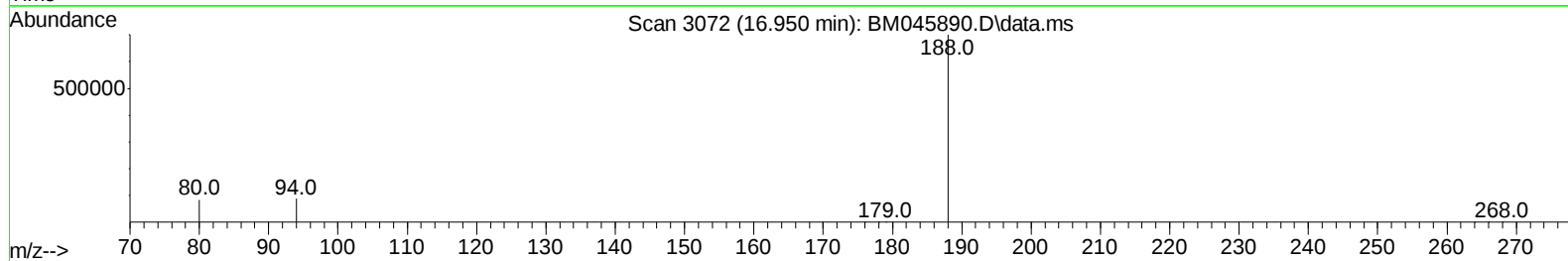
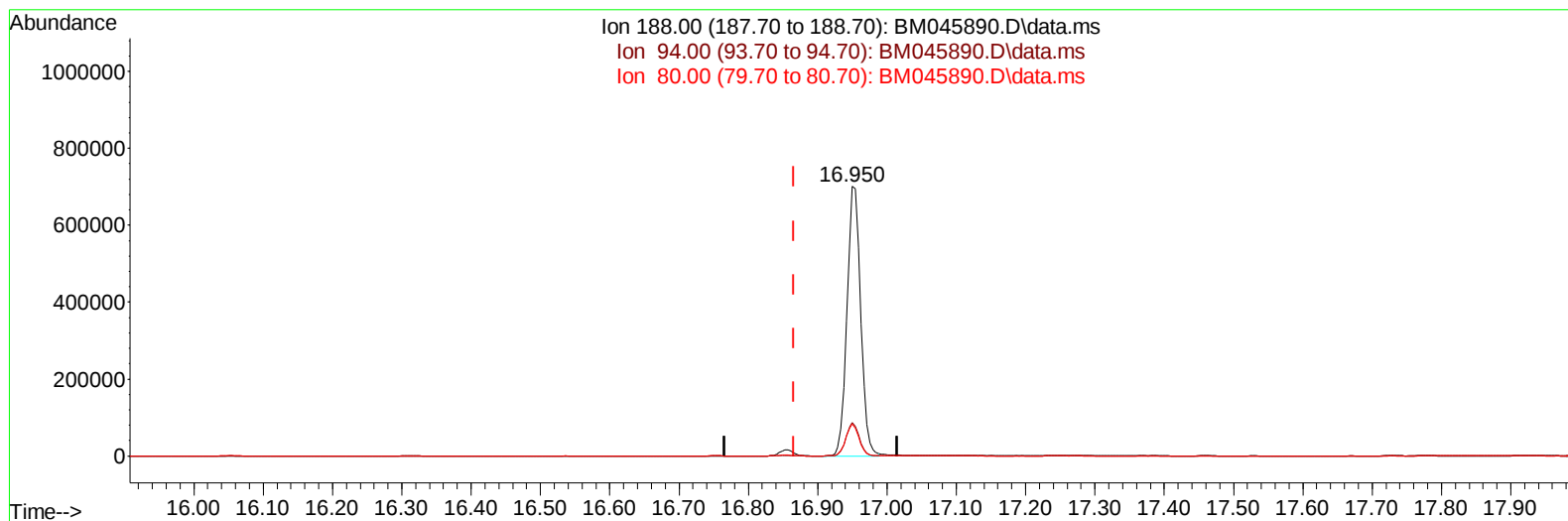
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration



TIC: BM045890.D\data.ms

(13) Phenanthrene-d10 (I)**16.950min (+ 0.084) 0.40 ng/u1****response 958868**

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	12.42
80.00	11.70	11.95
0.00	0.00	0.00

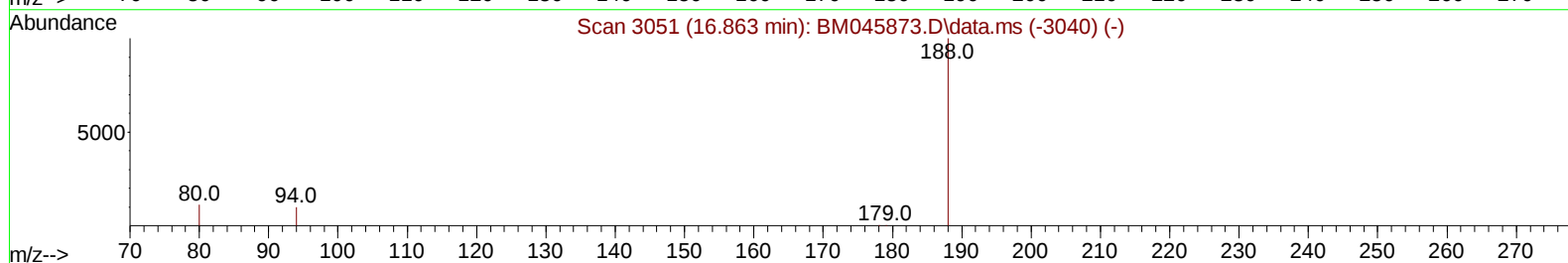
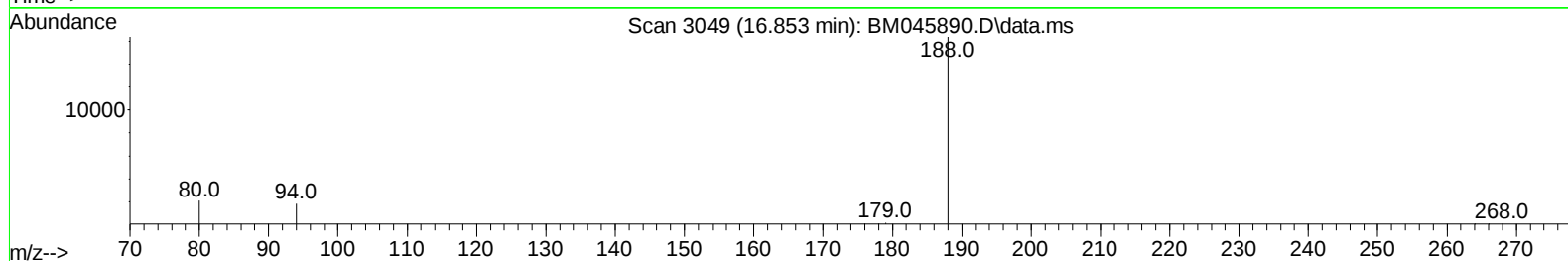
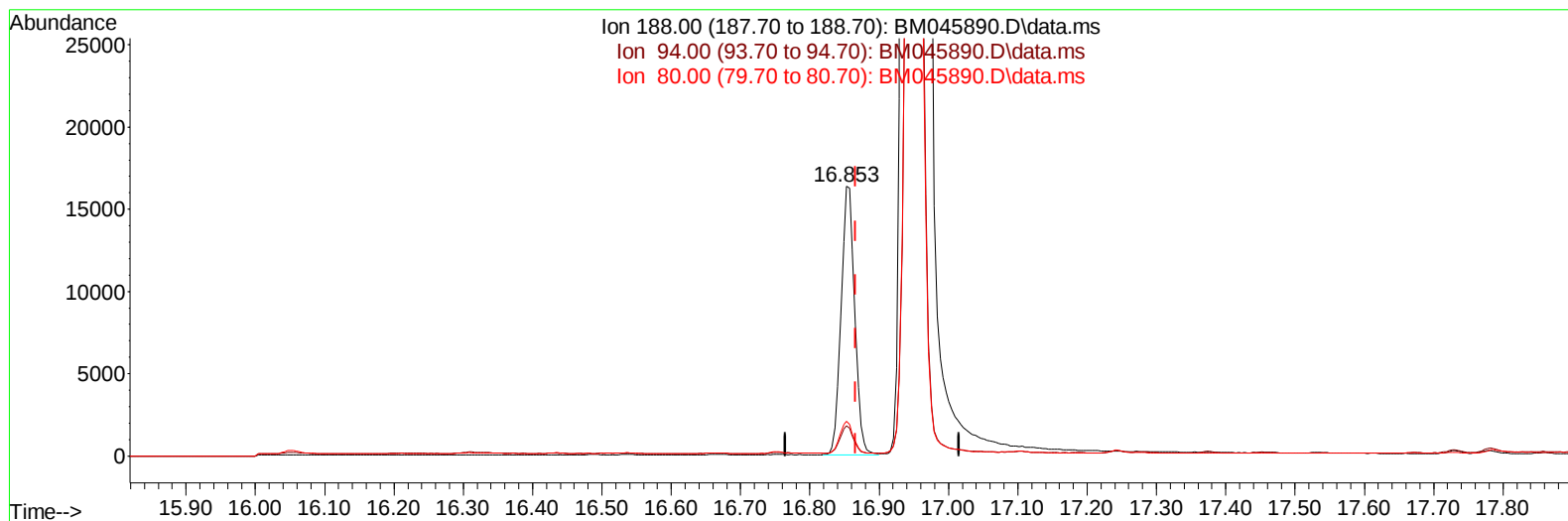
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(13) Phenanthrene-d10 (I)

16.853min (-0.013) 0.40 ng/ul m

response 22370

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.14
80.00	11.70	12.79
0.00	0.00	0.00

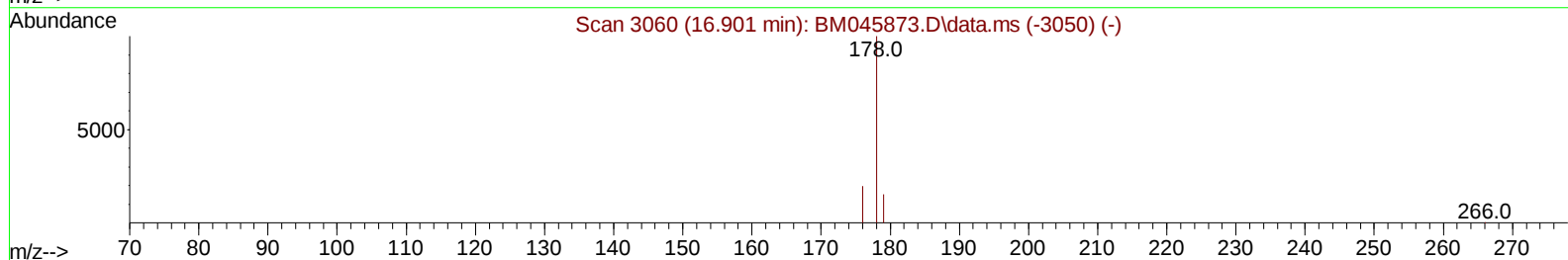
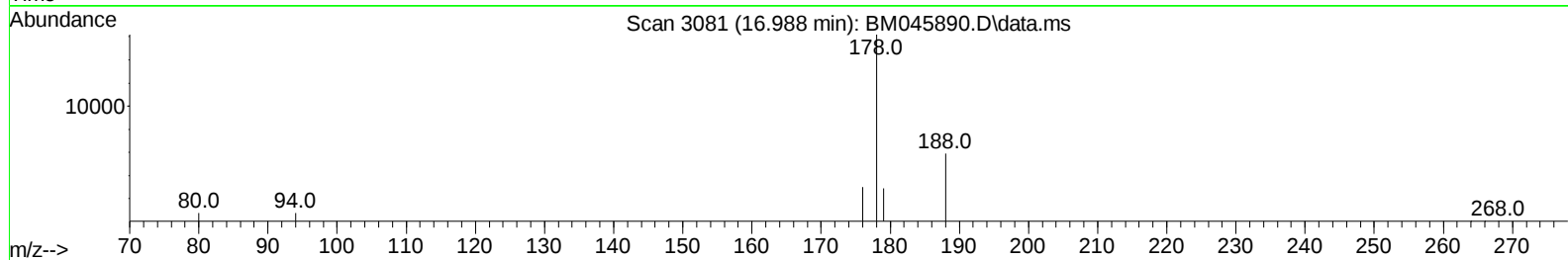
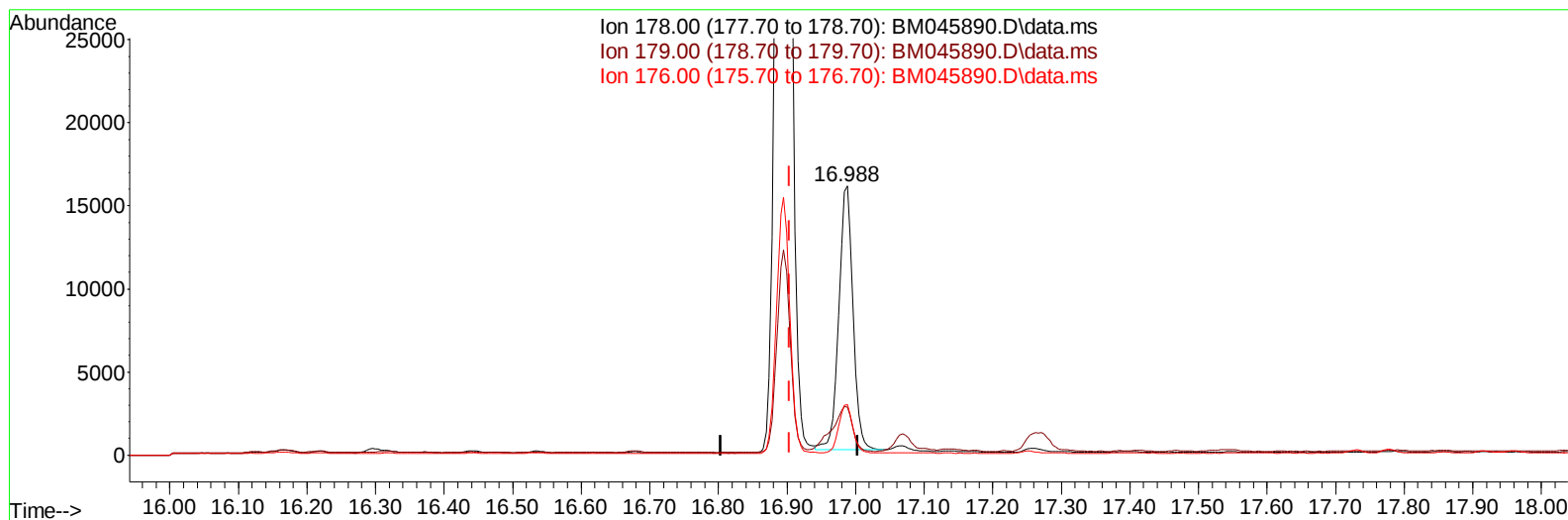
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045890.D\data.ms

(15) Phenanthrene

16.988min (+ 0.084) 0.36 ng/u1

response 22784

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	17.84
176.00	19.50	18.74
0.00	0.00	0.00

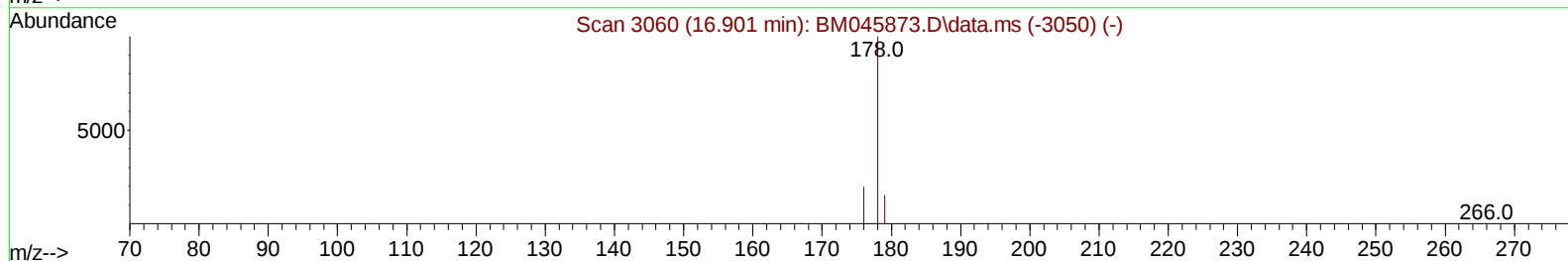
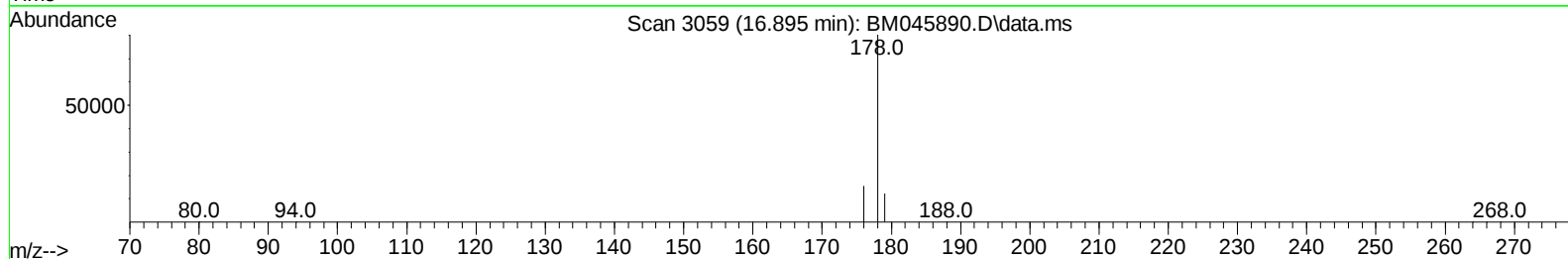
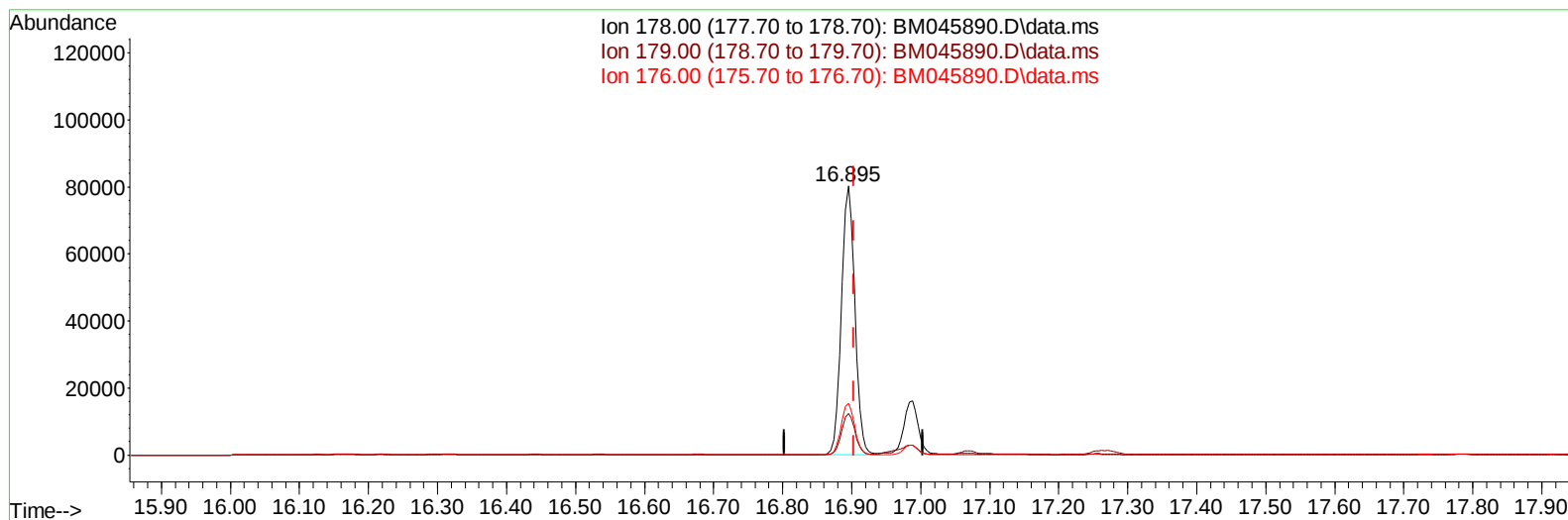
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
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TIC: BM045890.D\data.ms

(15) Phenanthrene

16.895min (-0.008) 1.73 ng/u1 m

response 108477

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.40
176.00	19.50	19.34
0.00	0.00	0.00

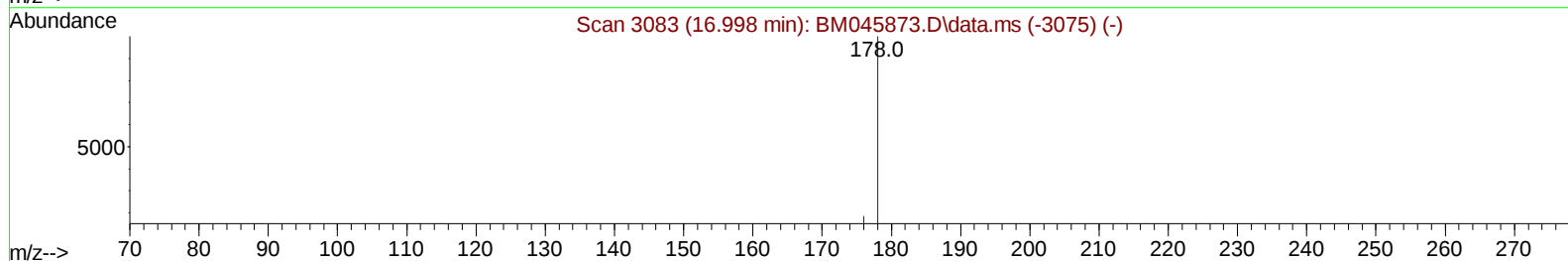
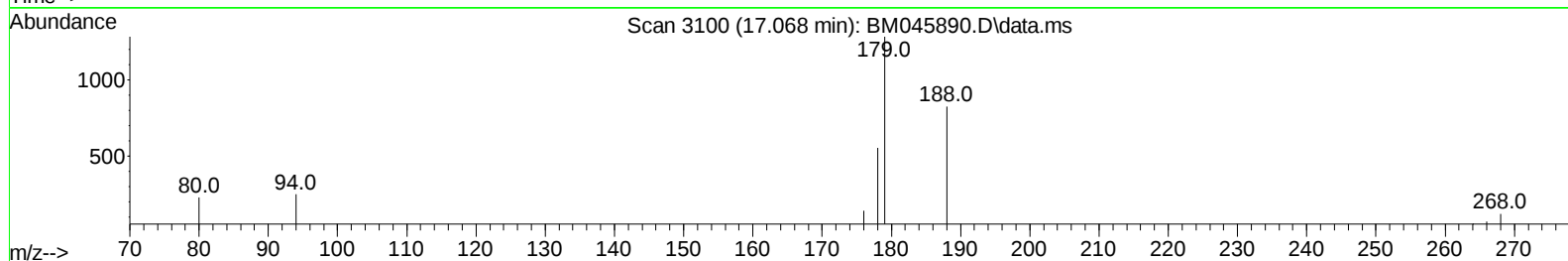
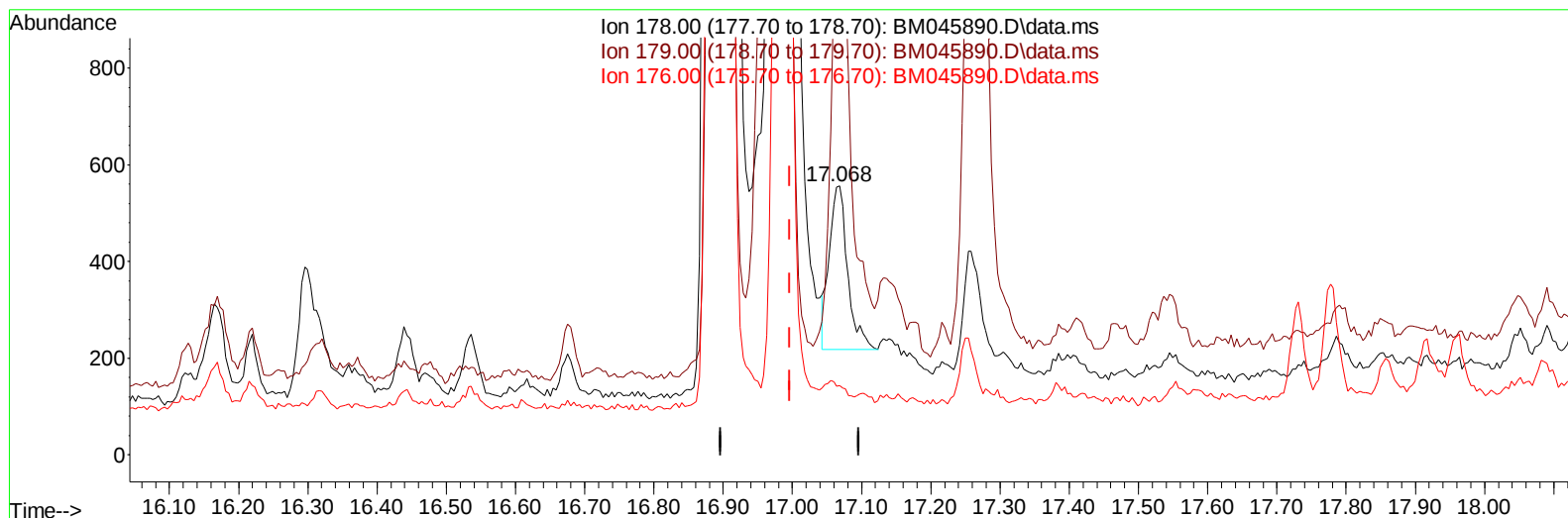
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
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TIC: BM045890.D\data.ms

(16) Anthracene

17.068min (+ 0.072) 0.01 ng/u1

response 621

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	231.12#
176.00	19.40	25.72#
0.00	0.00	0.00

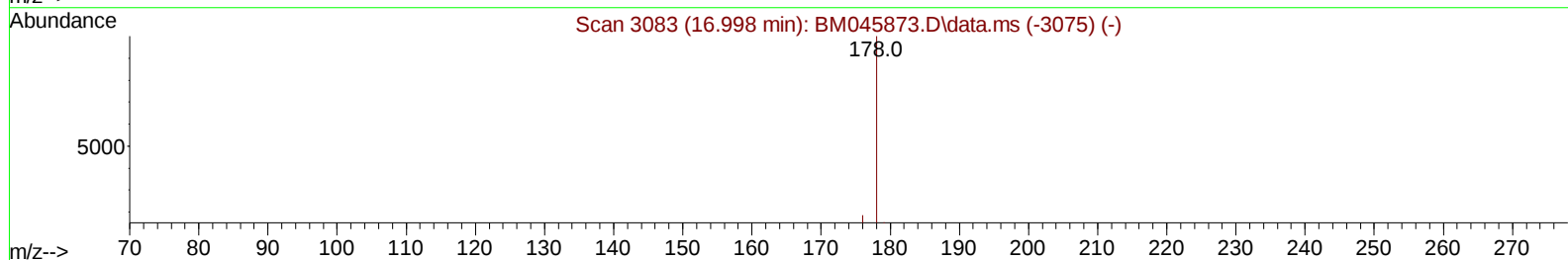
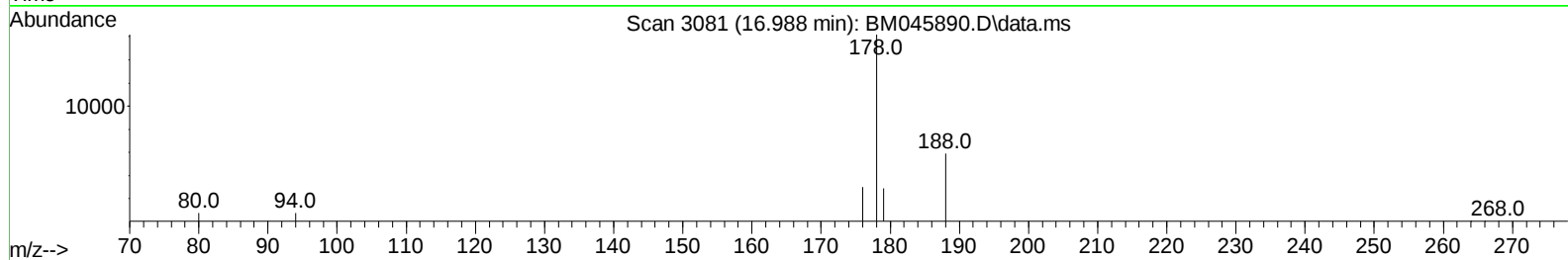
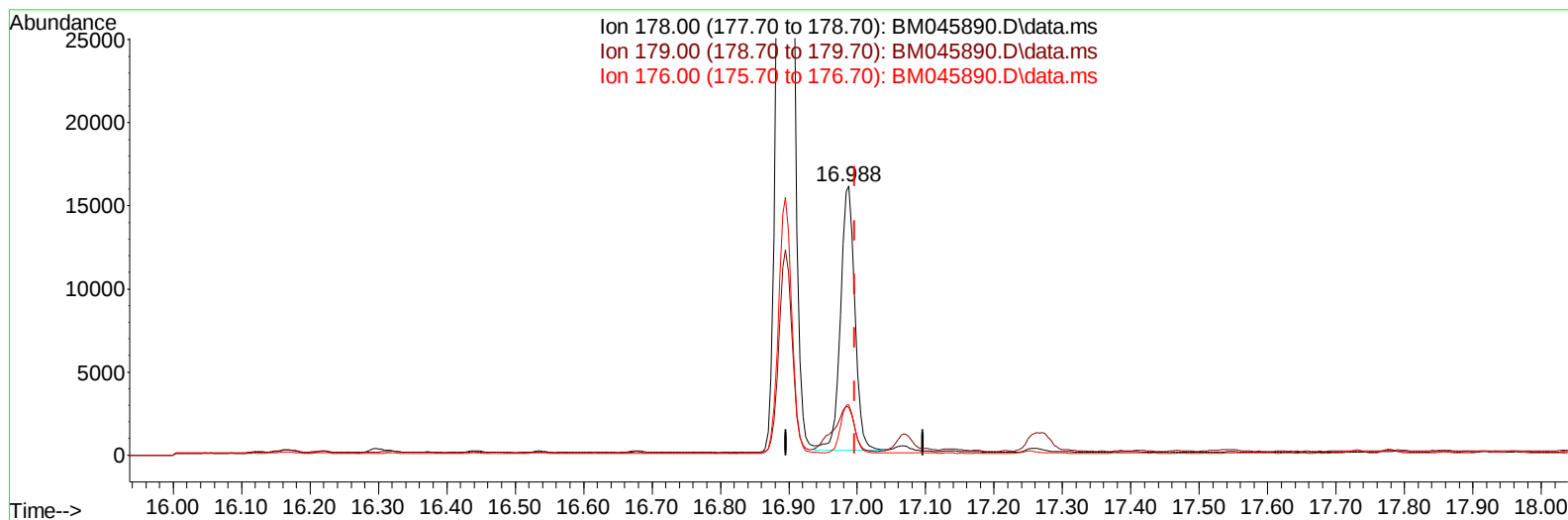
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Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(16) Anthracene

16.988min (-0.008) 0.43 ng/ul m

response 22945

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	17.84
176.00	19.40	18.74
0.00	0.00	0.00

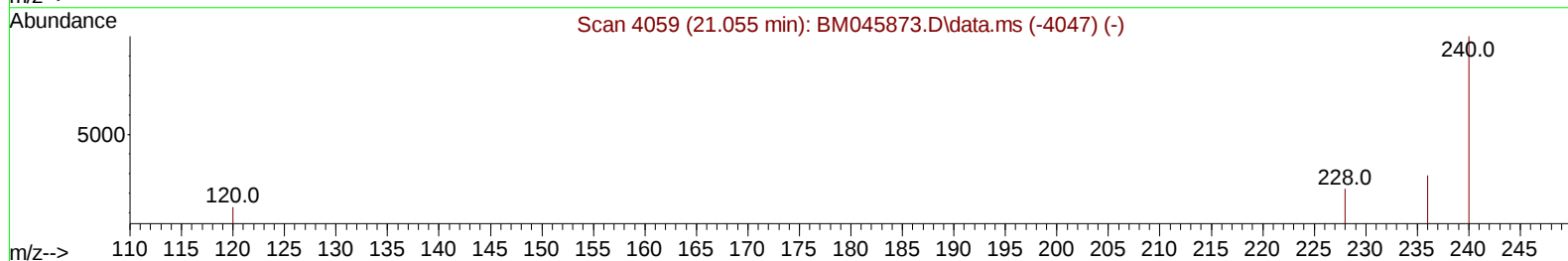
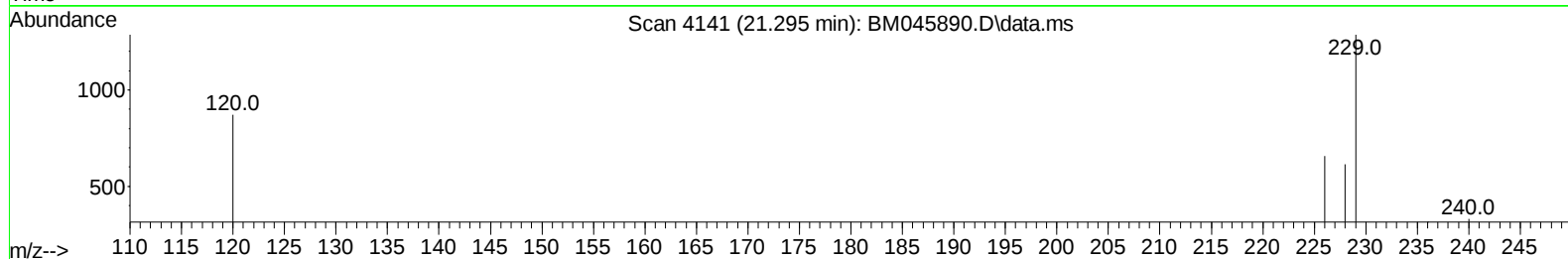
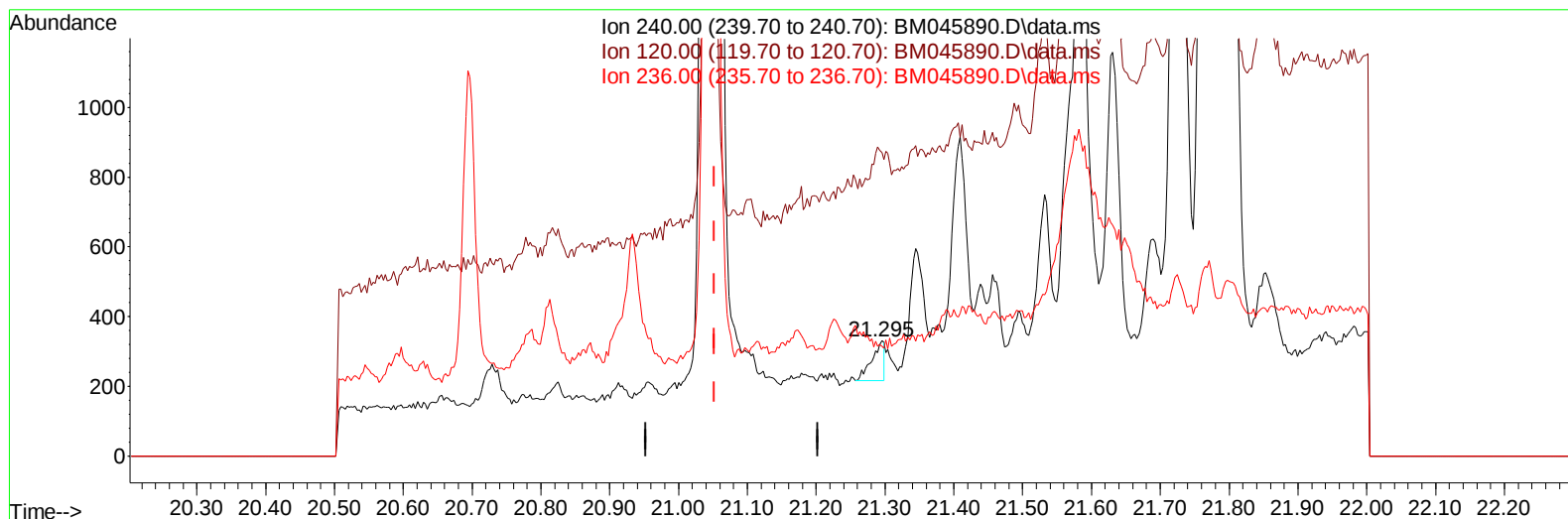
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(17) Chrysene-d12

21.295min (+ 0.242) 0.40 ng/u1

response 139

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	262.84#
236.00	29.50	95.17#
0.00	0.00	0.00

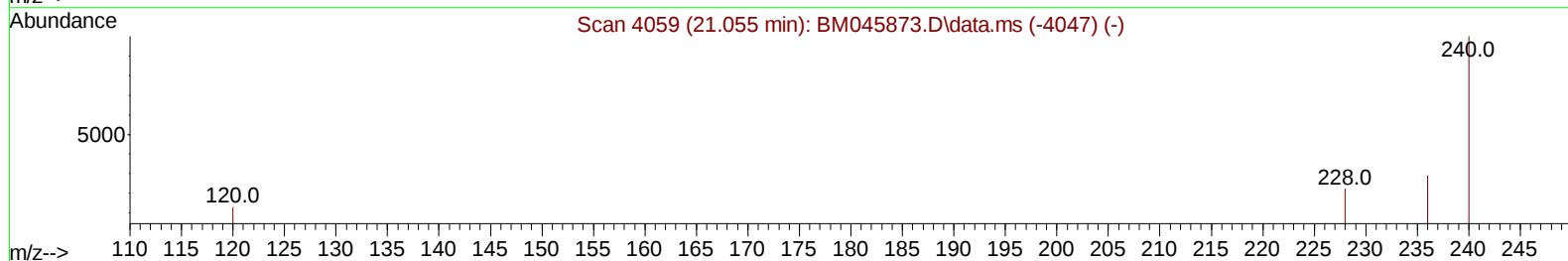
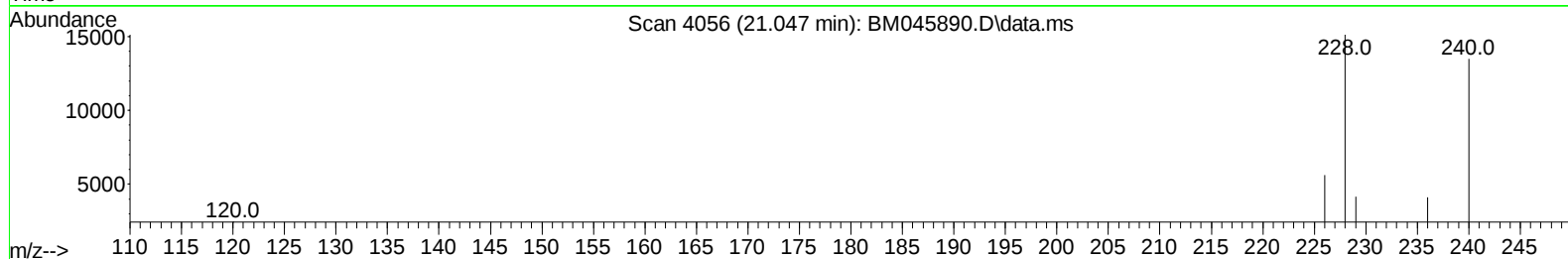
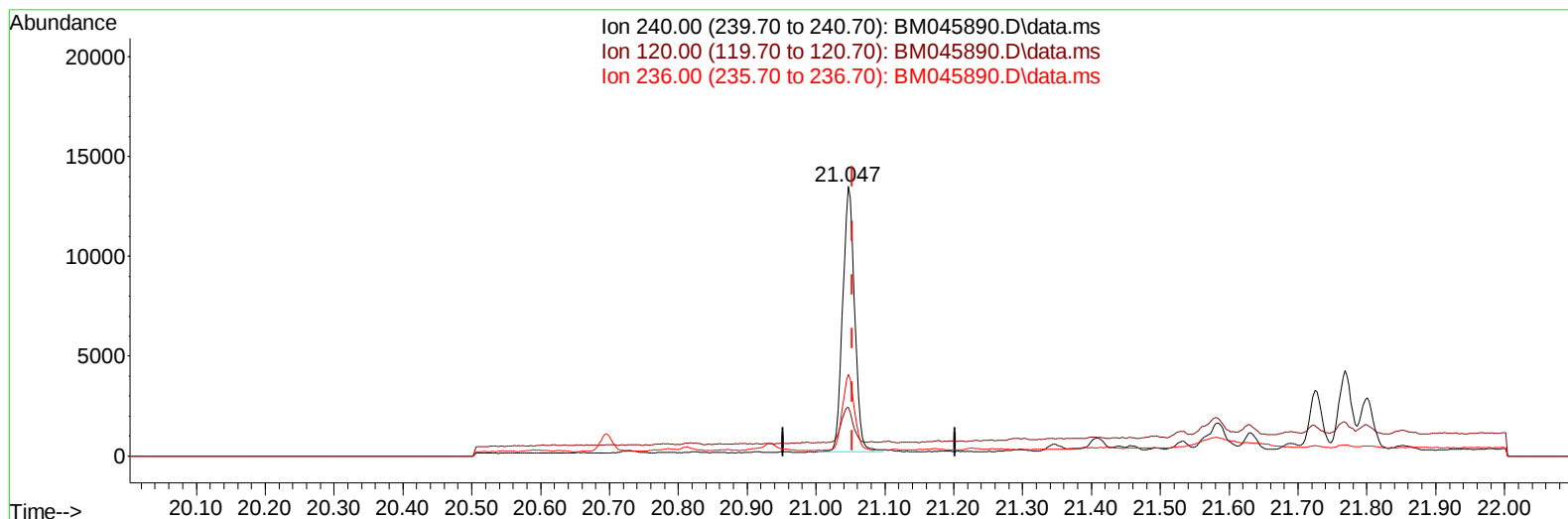
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(17) Chrysene-d12

21.047min (-0.006) 0.40 ng/ul m

response 16192

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	18.02
236.00	29.50	30.36
0.00	0.00	0.00

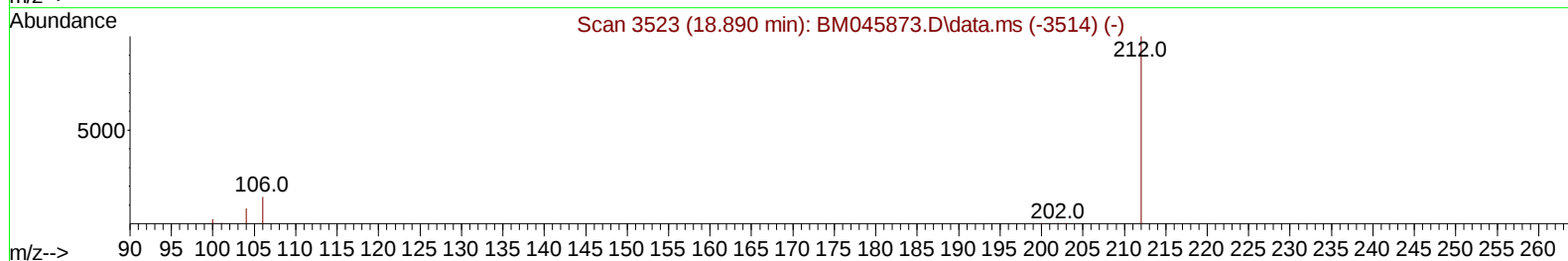
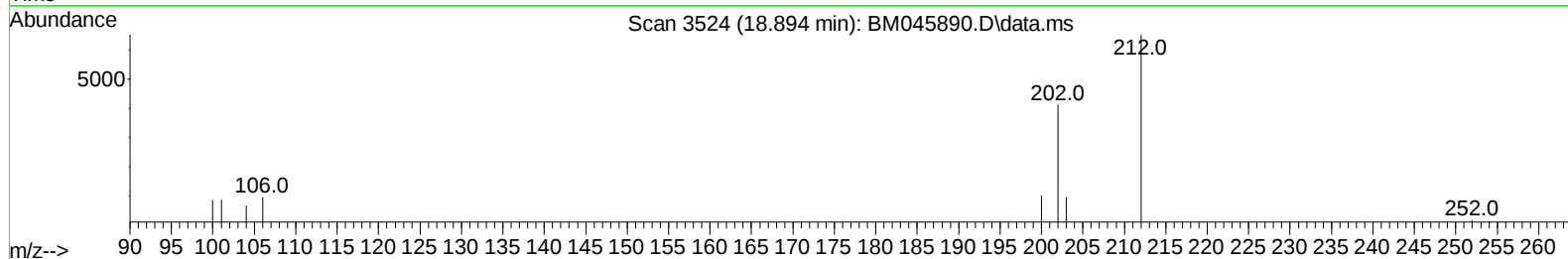
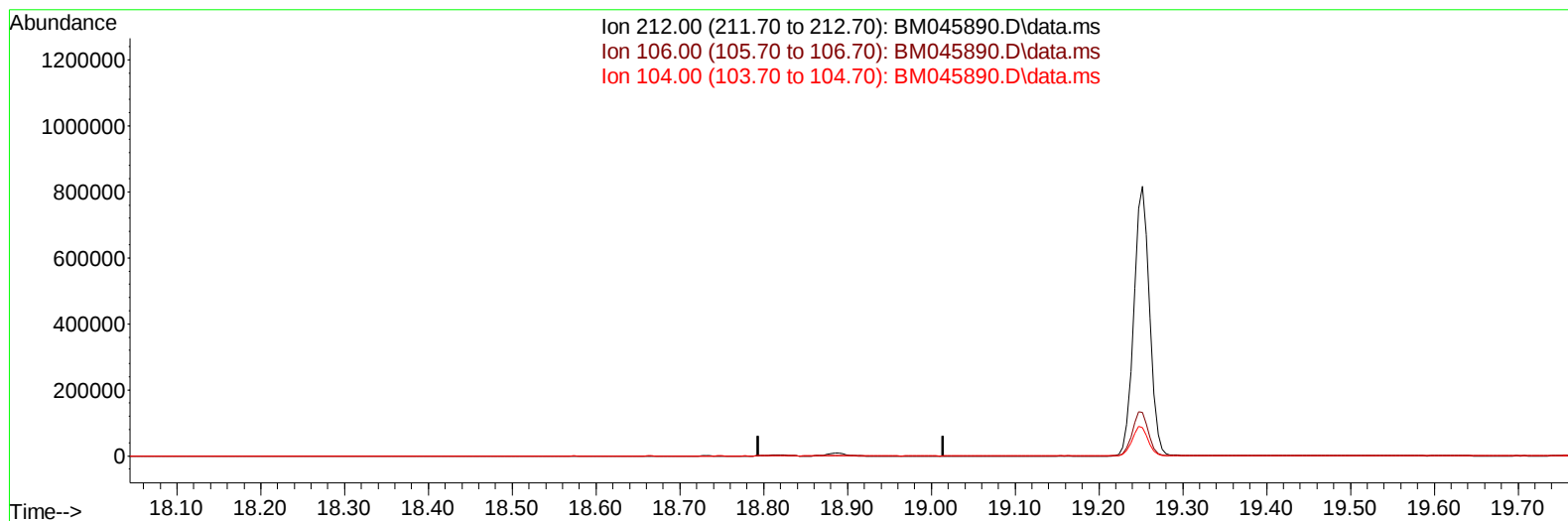
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Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

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TIC: BM045890.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.894min (-18.894) 0.00 ng/u1

response 0

Ion	Exp%	Act%
212.00	100.00	0.00
106.00	14.00	0.00#
104.00	8.70	0.00#
0.00	0.00	0.00

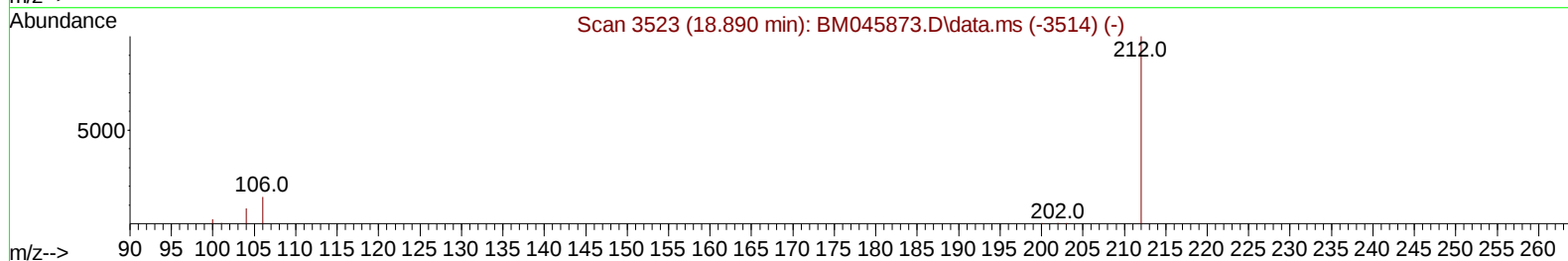
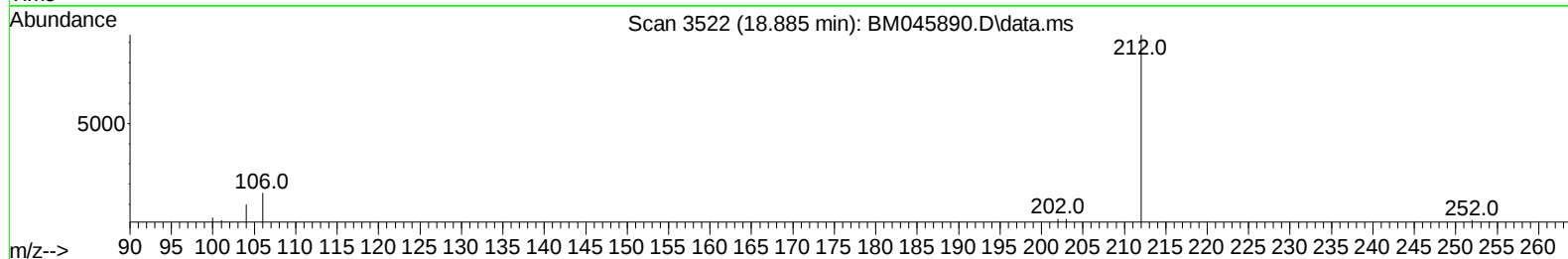
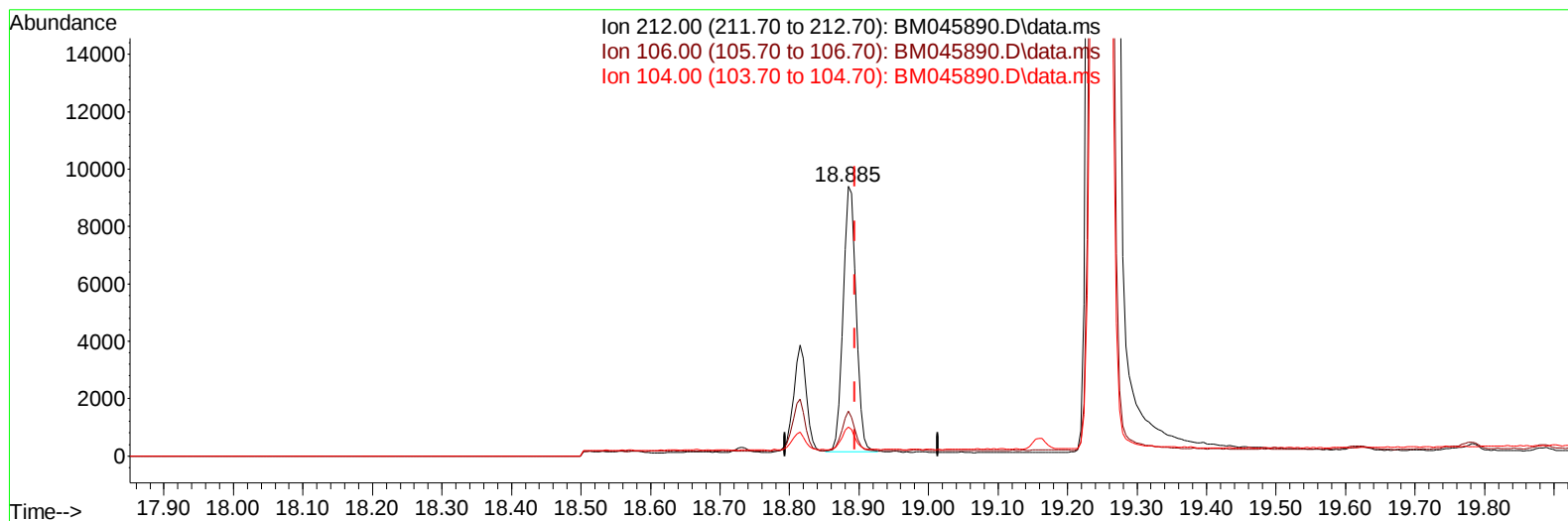
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

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TIC: BM045890.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.885min (-0.009) 0.25 ng/ul m

response 12244

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.00	0.00#
104.00	8.70	0.00#
0.00	0.00	0.00

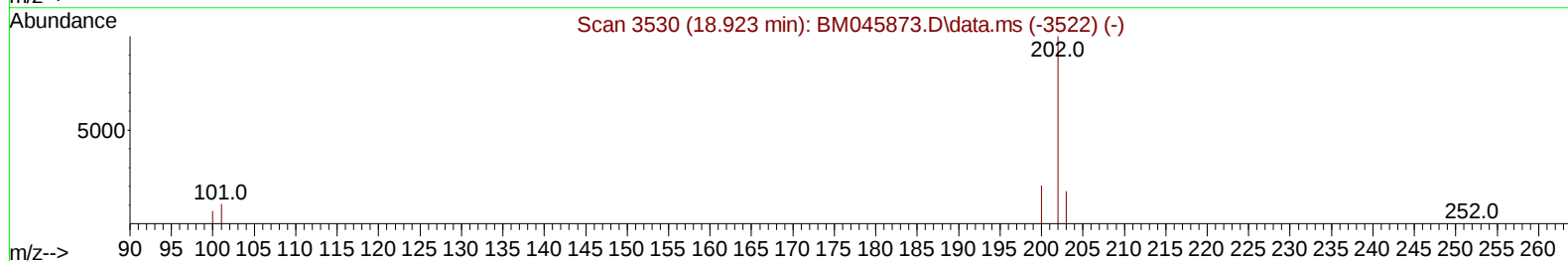
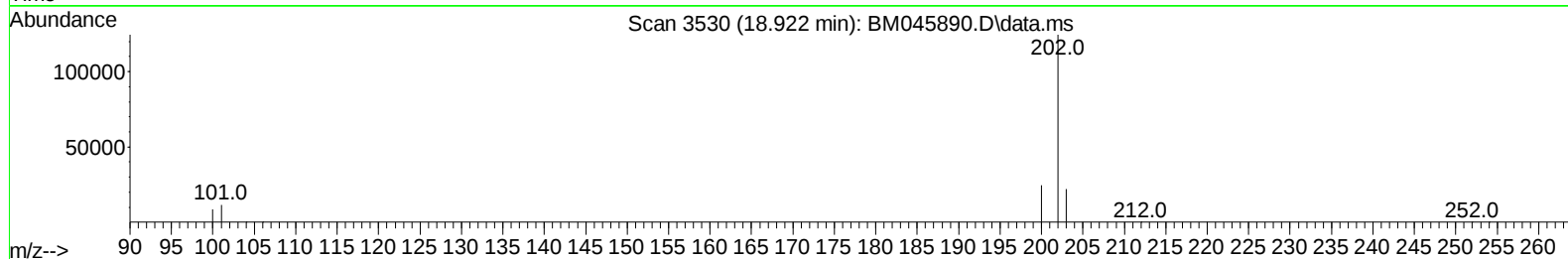
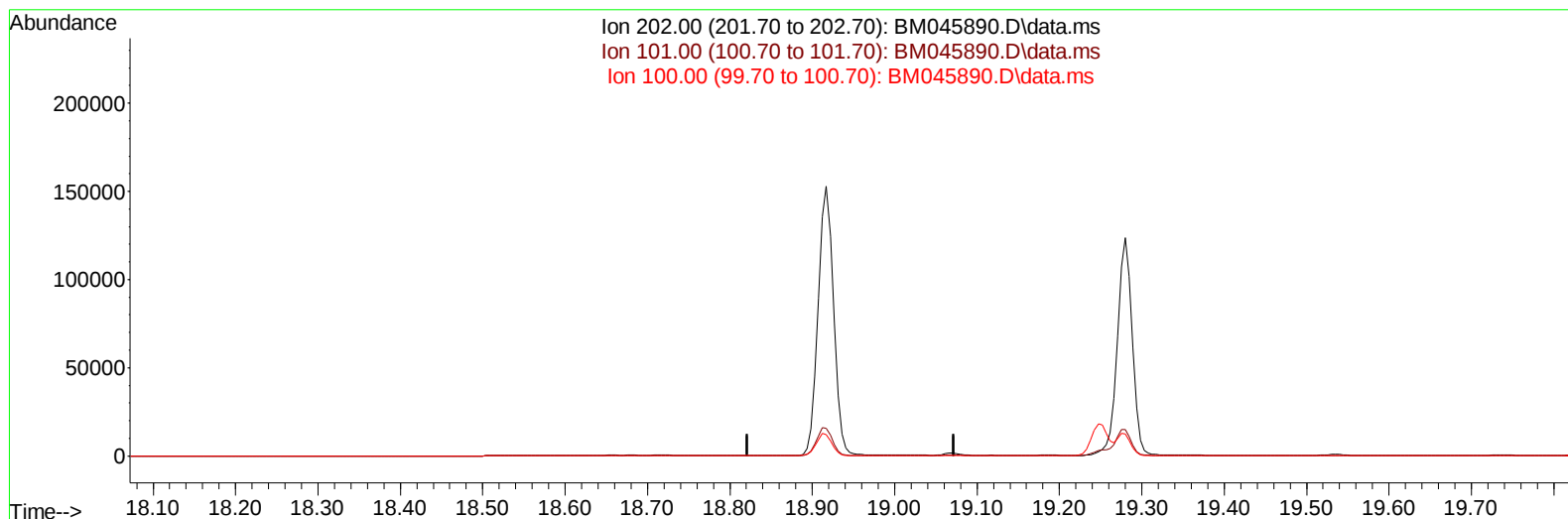
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045890.D\data.ms

(19) Fluoranthene (C)

18.922min (-18.922) 0.00 ng/u1

response 0

Ion	Exp%	Act%
202.00	100.00	0.00
101.00	11.30	0.00#
100.00	8.80	0.00#
0.00	0.00	0.00

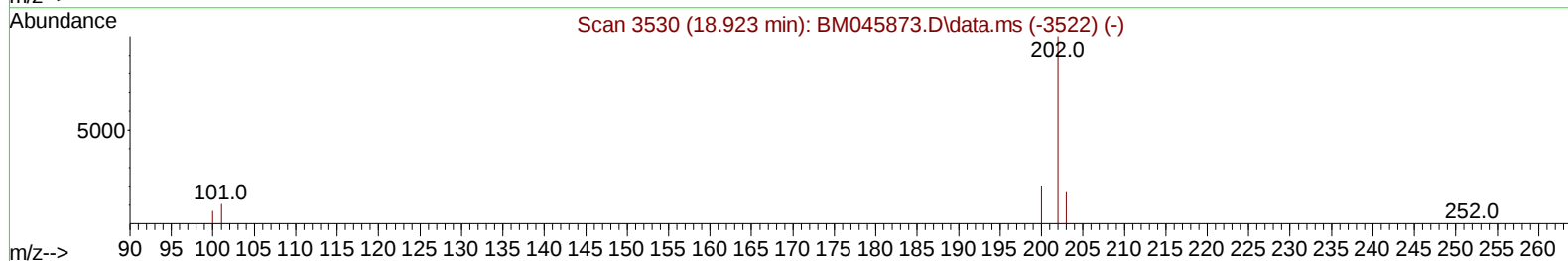
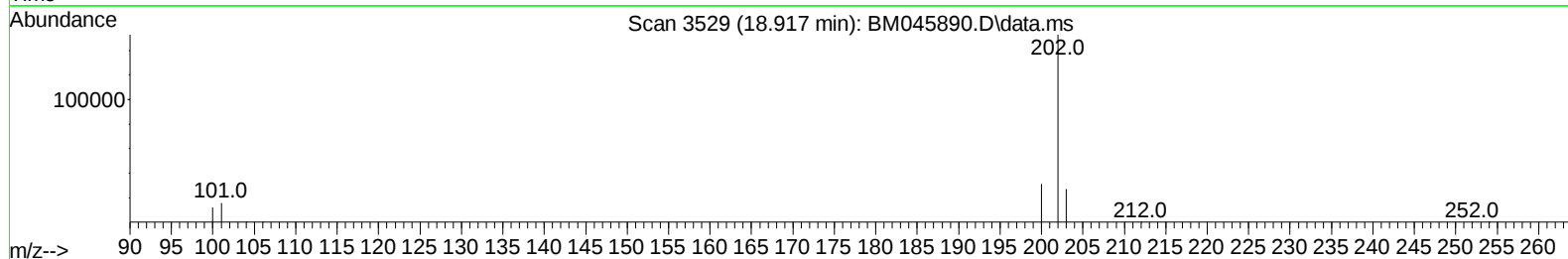
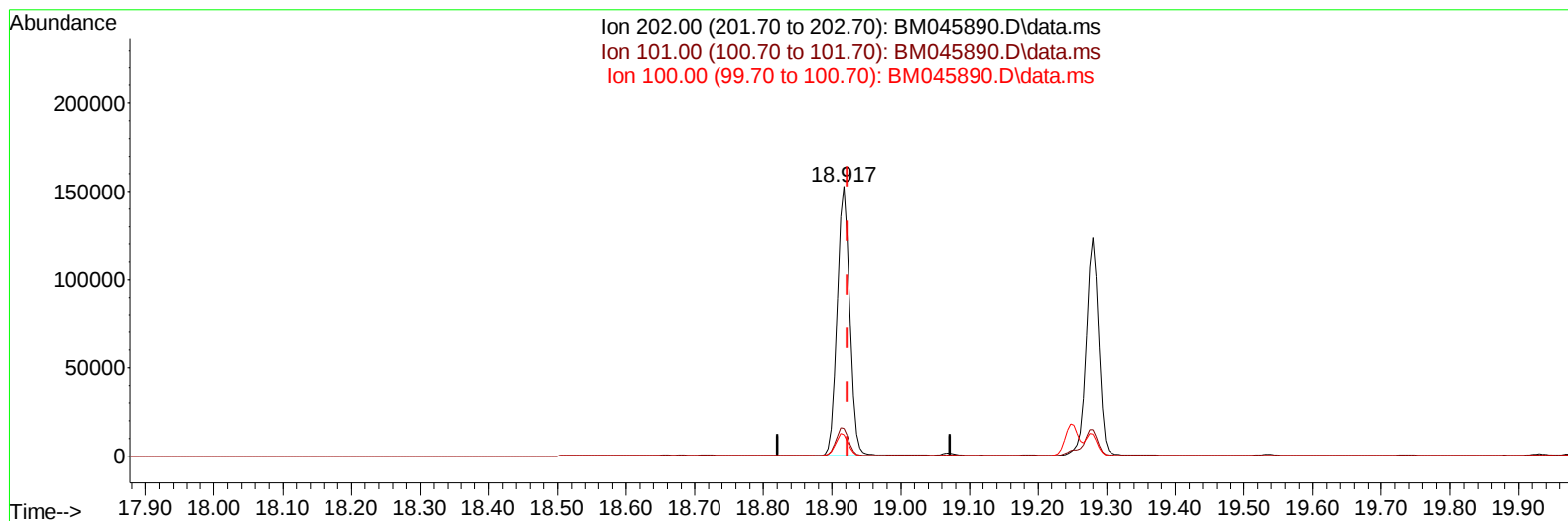
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045890.D\data.ms

(19) Fluoranthene (C)

18.917min (-0.005) 3.02 ng/ul m

response 195275

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	10.32
100.00	8.80	7.84
0.00	0.00	0.00

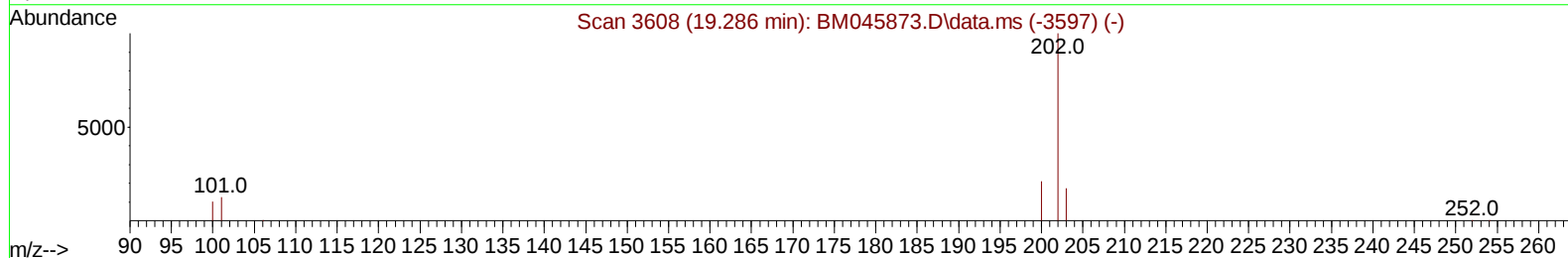
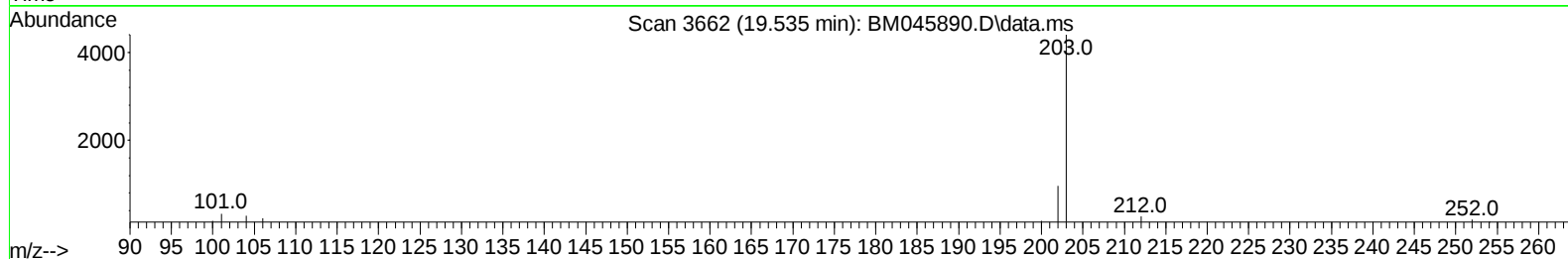
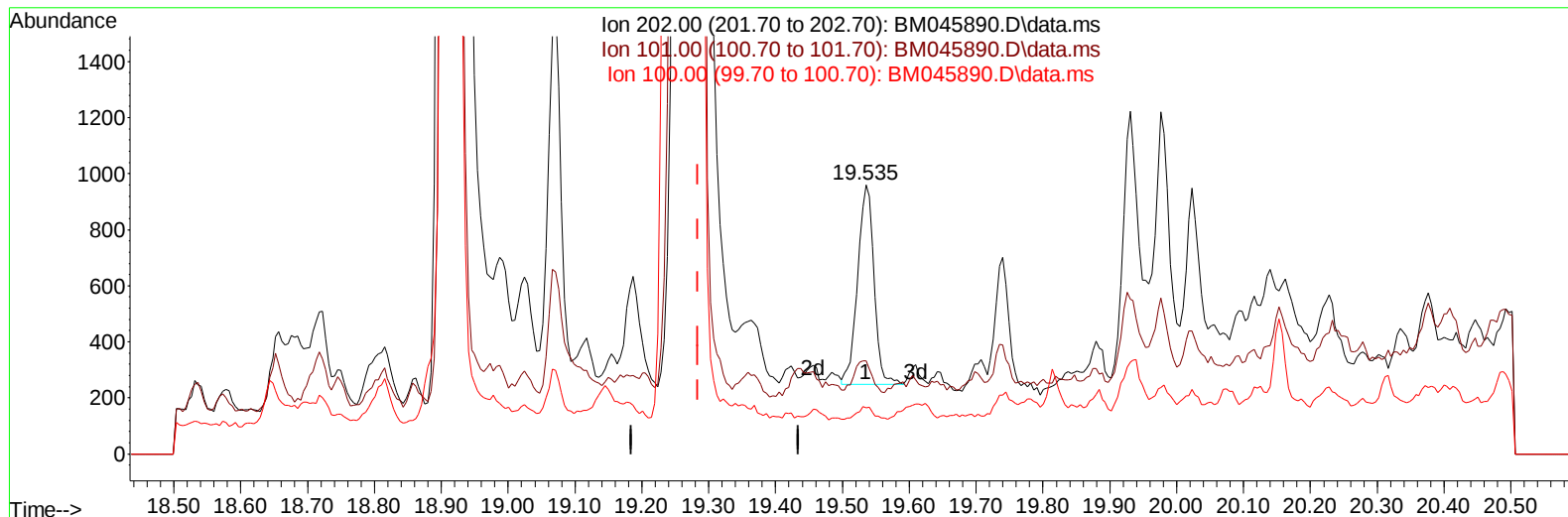
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045890.D\data.ms

(20) Pyrene

19.535min (+ 0.251) 0.02 ng/u1

response 1206

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	34.55#
100.00	11.40	17.17#
0.00	0.00	0.00

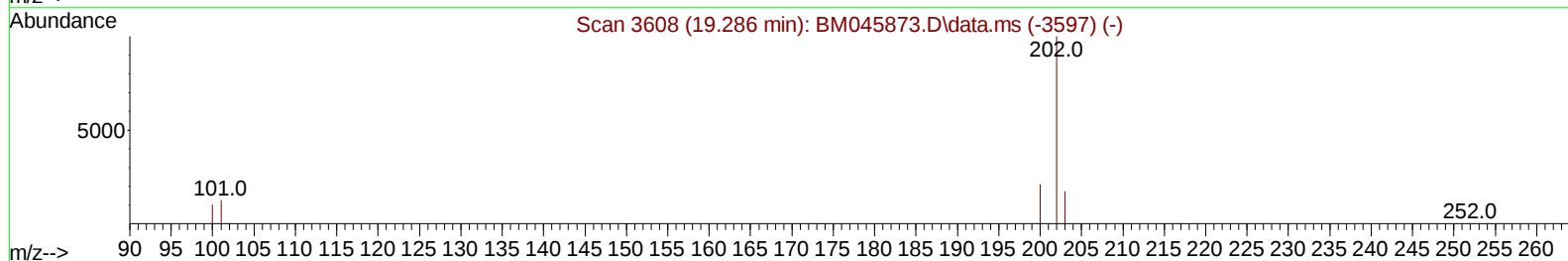
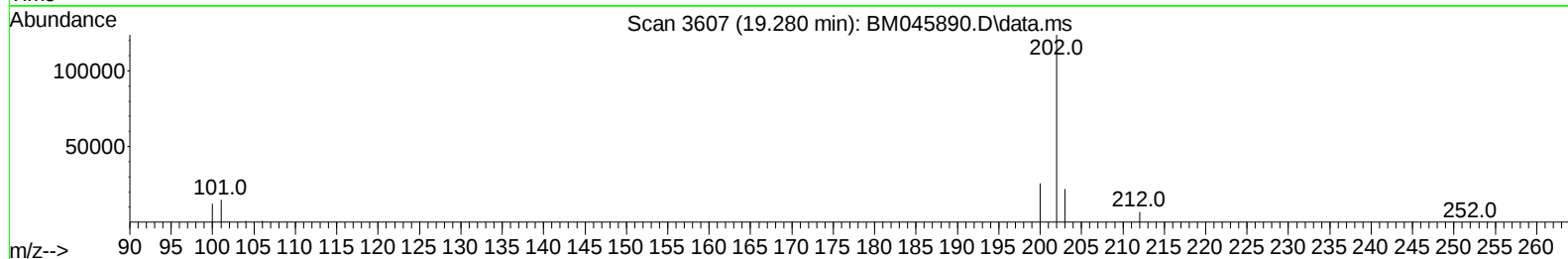
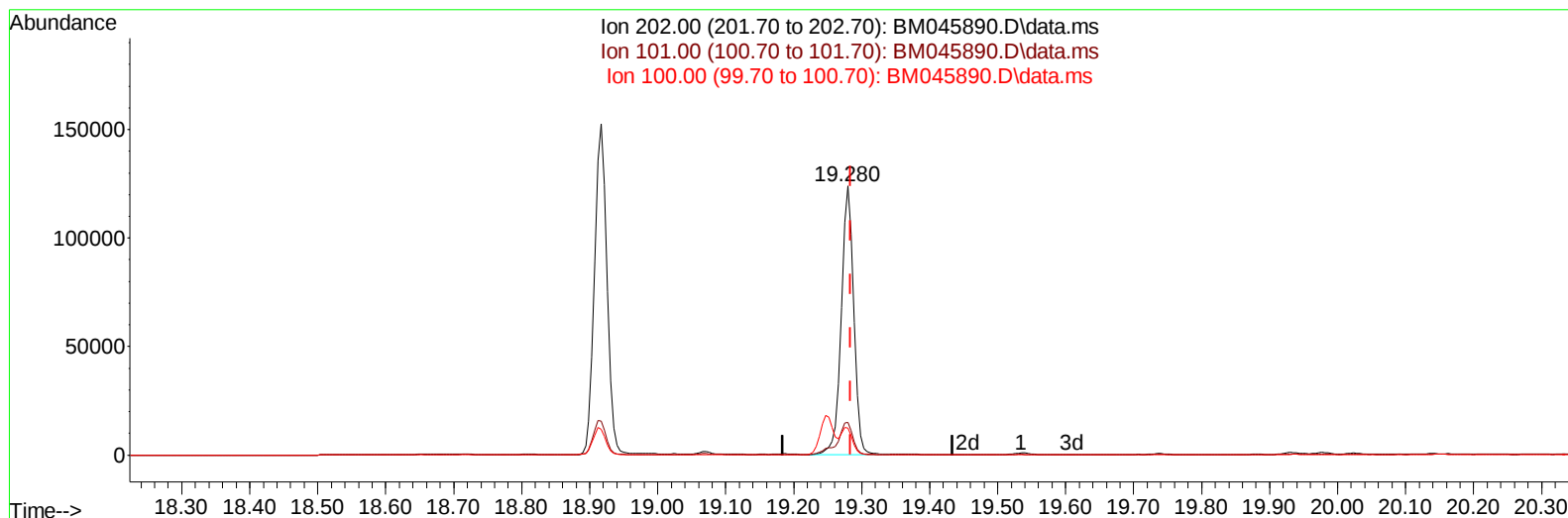
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(20) Pyrene

19.280min (-0.005) 2.33 ng/u1 m

response 156898

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	12.06
100.00	11.40	10.05
0.00	0.00	0.00

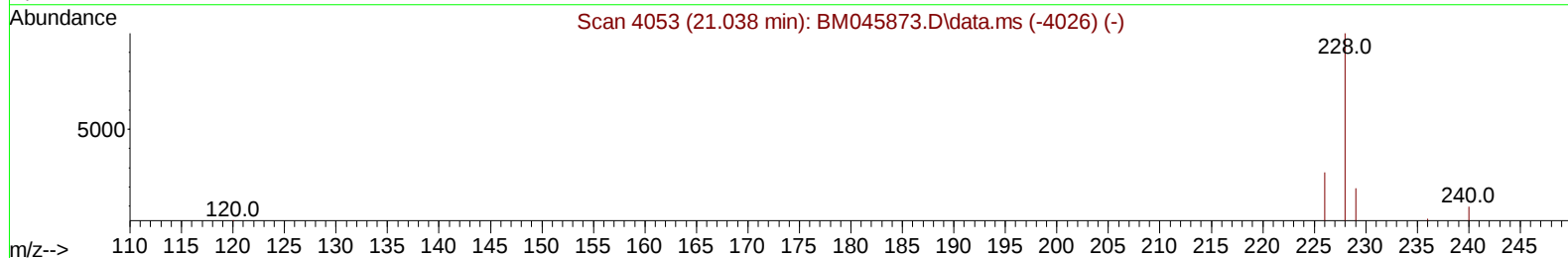
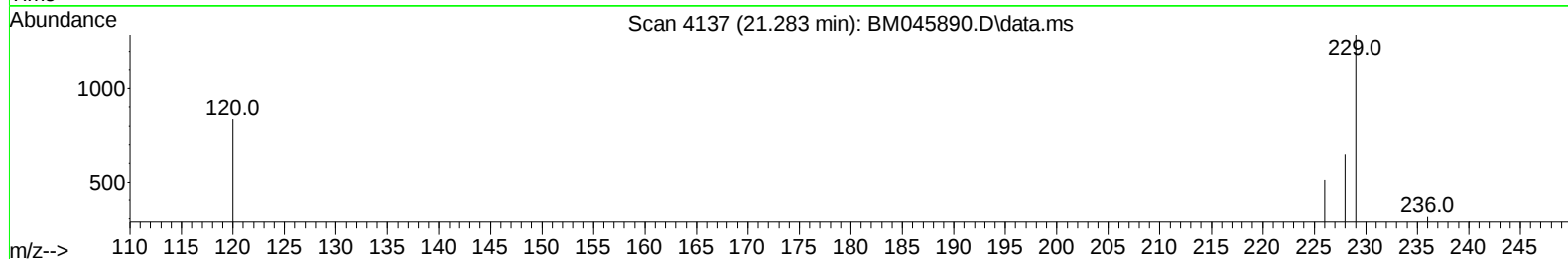
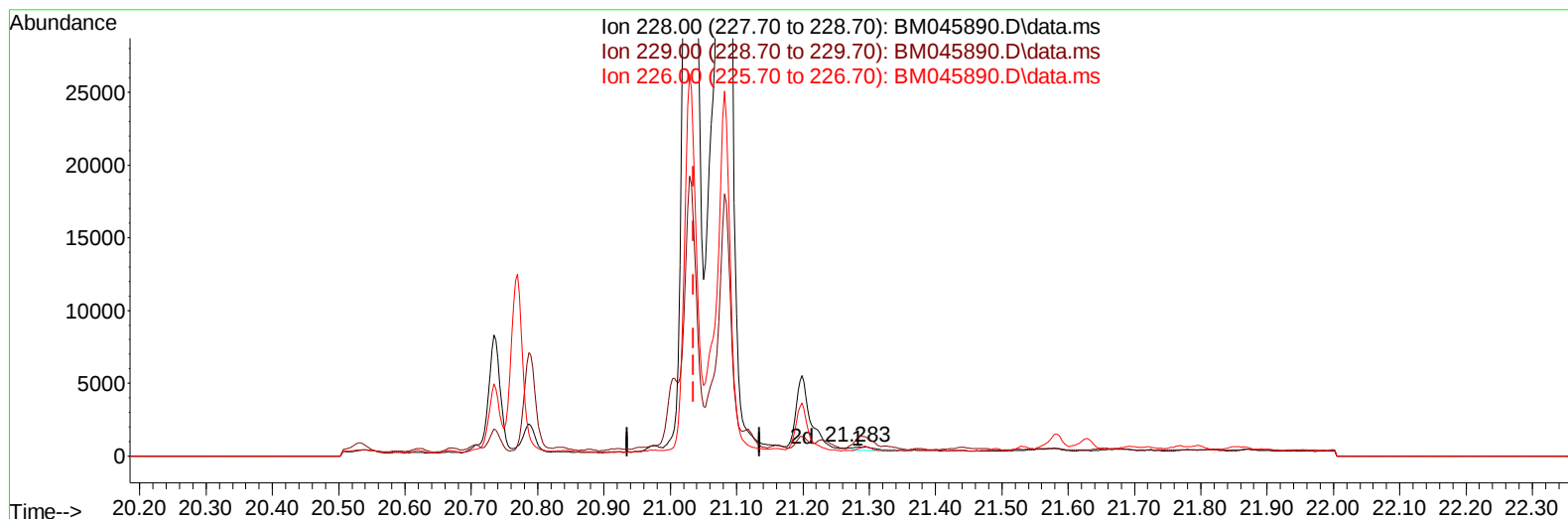
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
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TIC: BM045890.D\data.ms

(21) Benzo(a)anthracene

21.283min (+ 0.248) 0.01 ng/u1

response 632

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	199.23#
226.00	27.50	78.98#
0.00	0.00	0.00

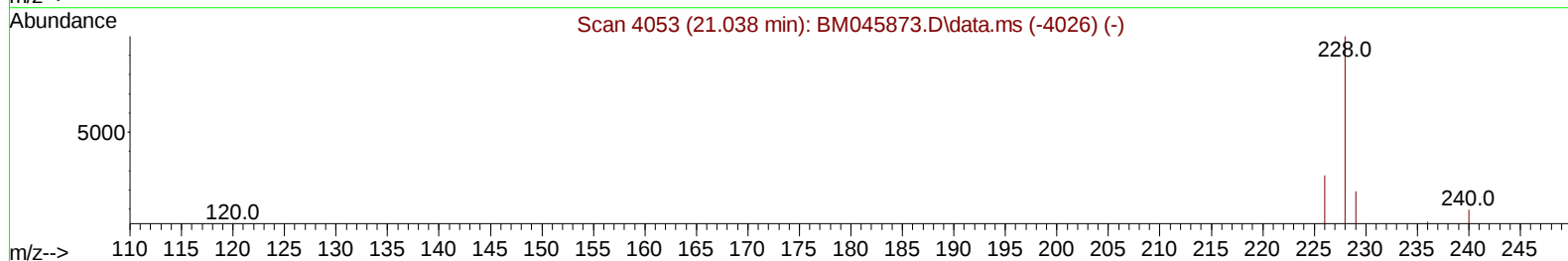
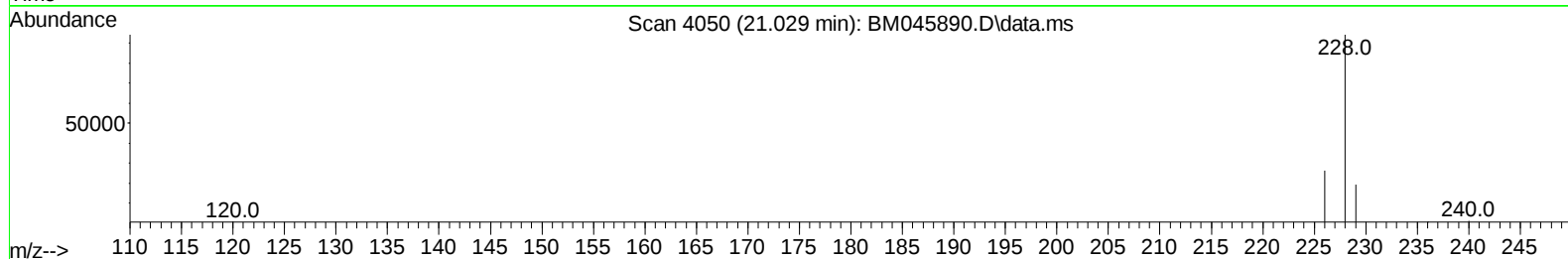
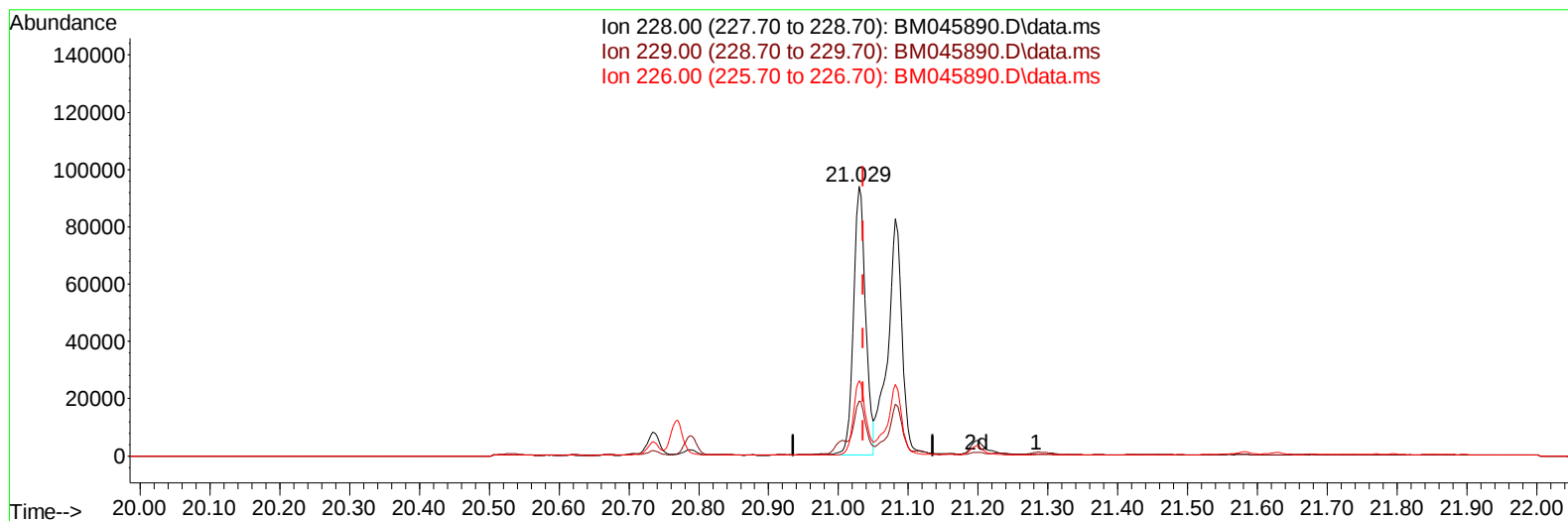
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(21) Benzo(a)anthracene

21.029min (-0.006) 1.88 ng/u1 m

response 111901

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.43
226.00	27.50	27.94
0.00	0.00	0.00

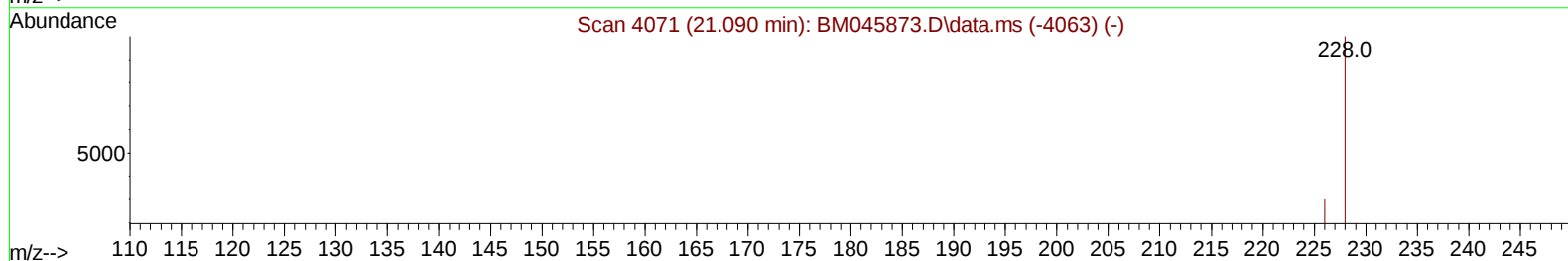
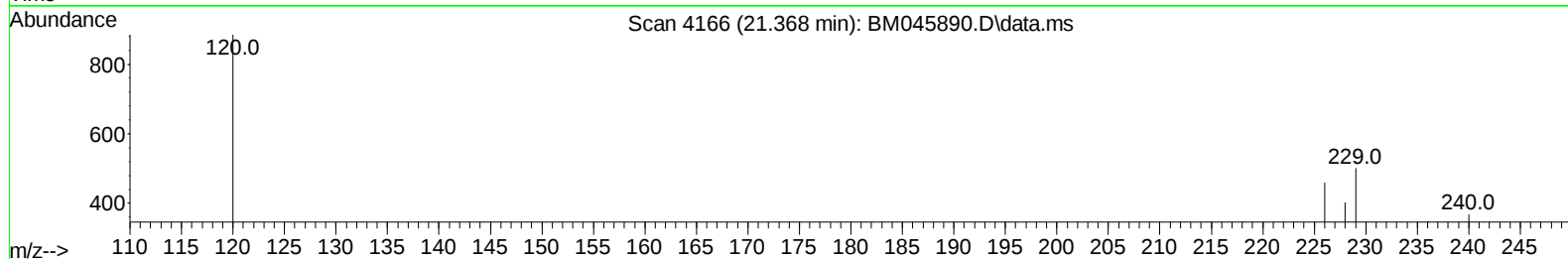
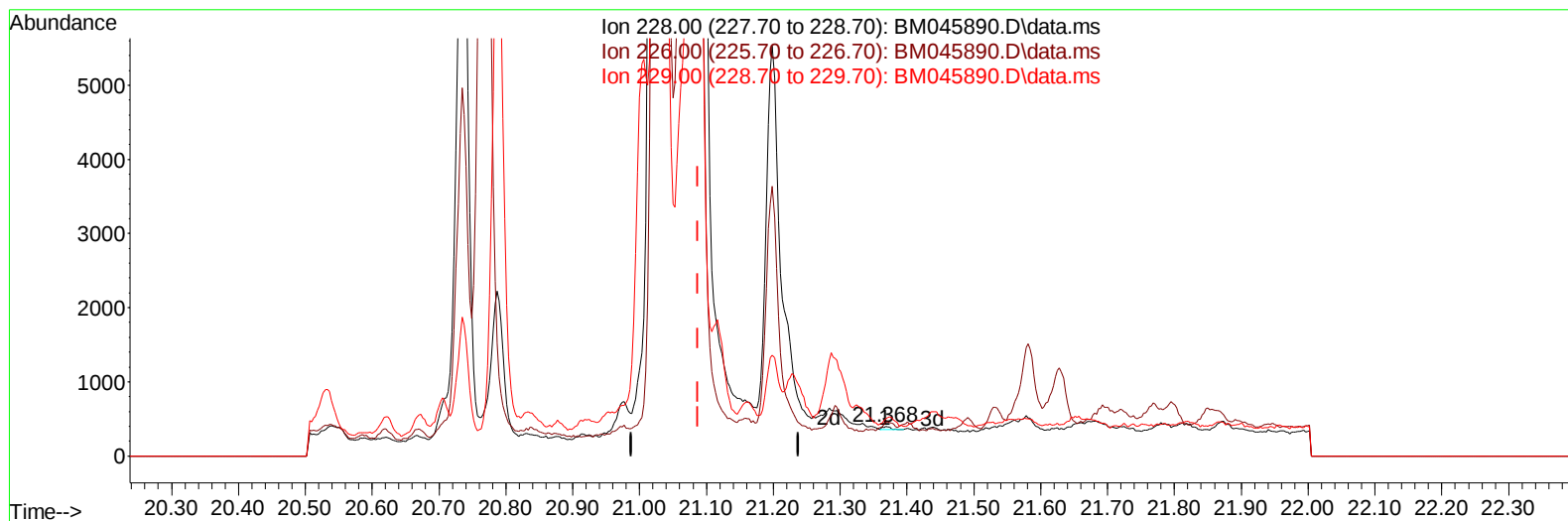
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(22) Chrysene

21.368min (+ 0.280) 0.00 ng/u1

response 37

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	114.43#
229.00	20.20	124.63#
0.00	0.00	0.00

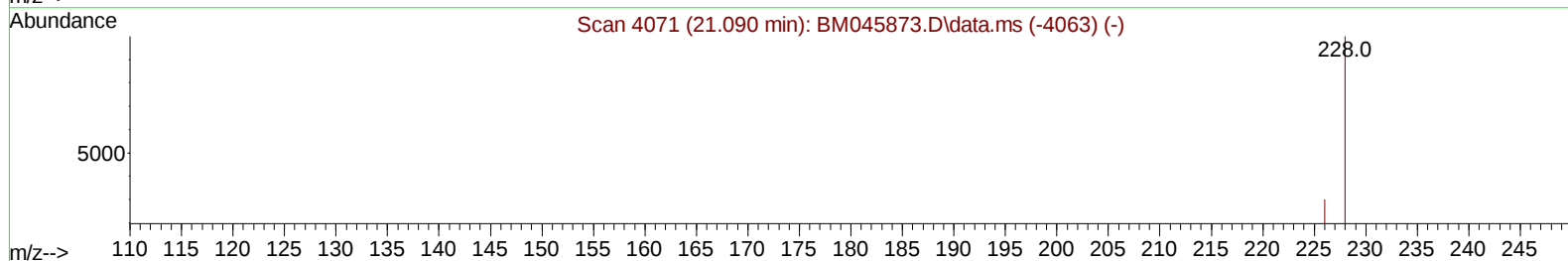
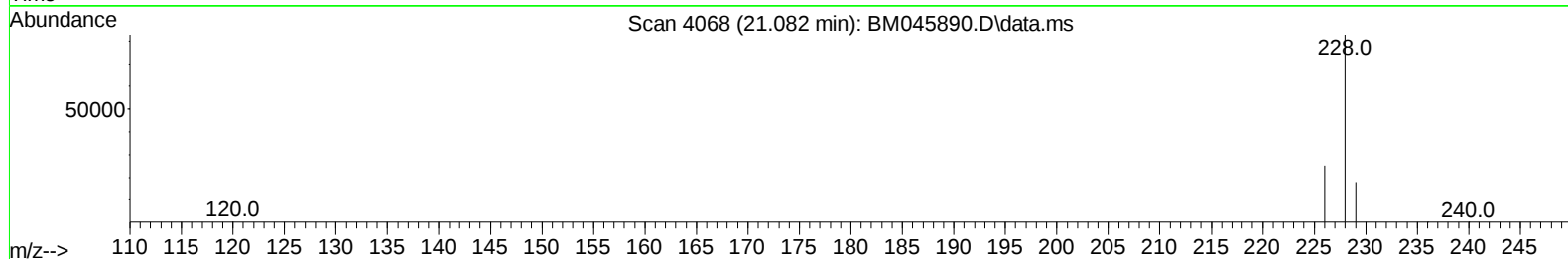
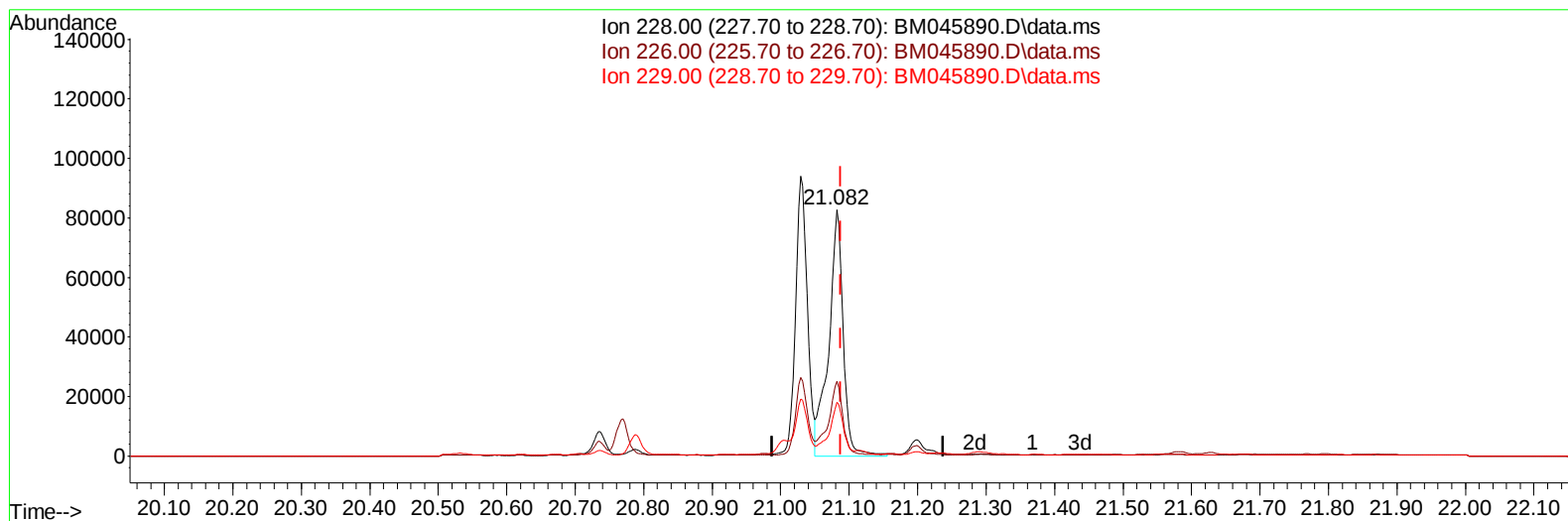
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(22) Chrysene

21.082min (-0.006) 1.87 ng/ul m

response 121117

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	30.30
229.00	20.20	21.78
0.00	0.00	0.00

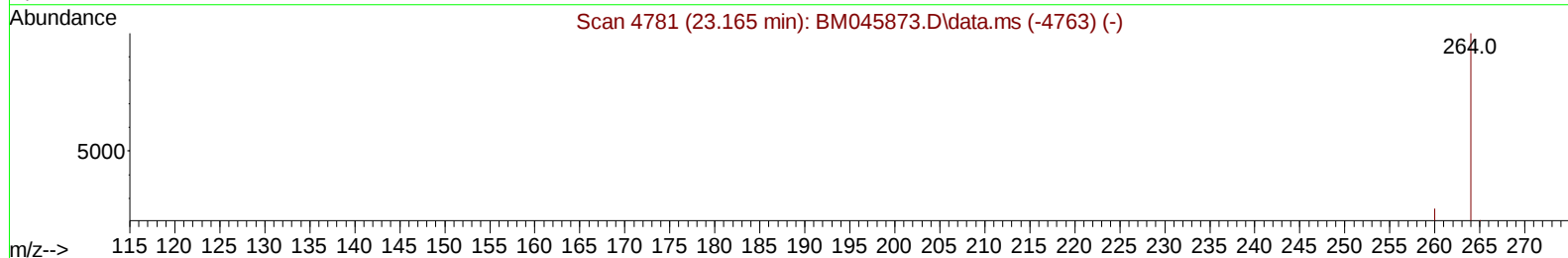
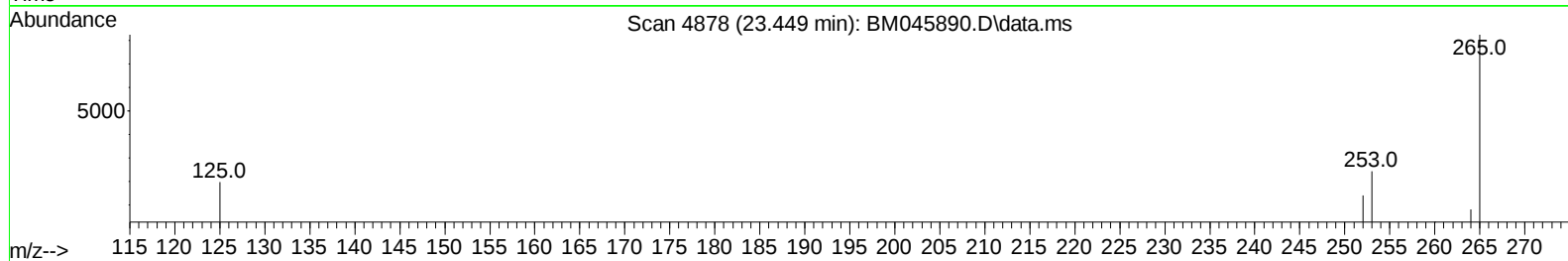
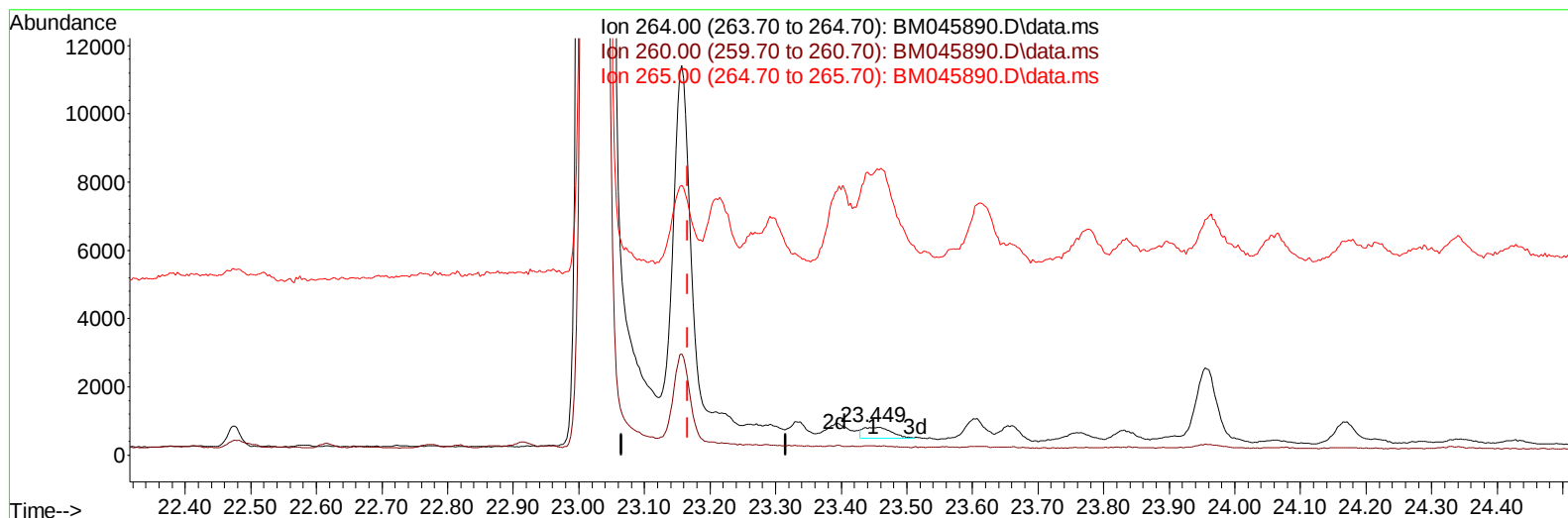
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(23) Perylene-d12 (I)

23.449min (+ 0.284) 0.40 ng/u1

response 966

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	34.15#
265.00	76.60	1008.45#
0.00	0.00	0.00

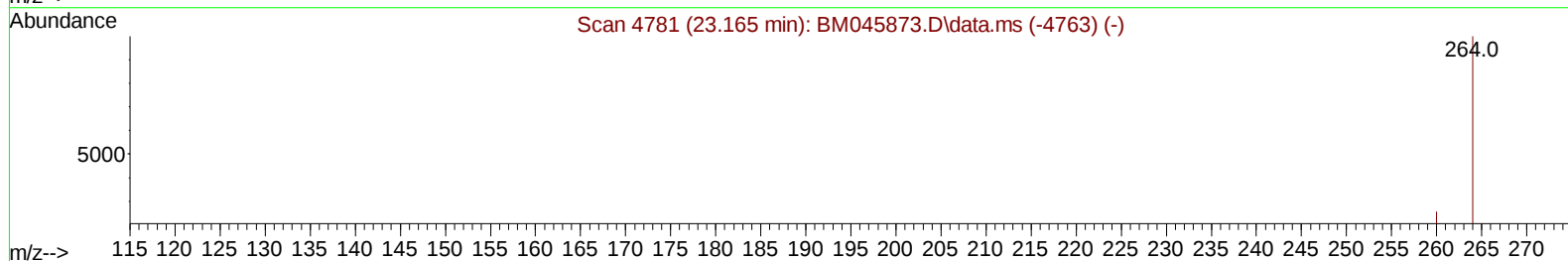
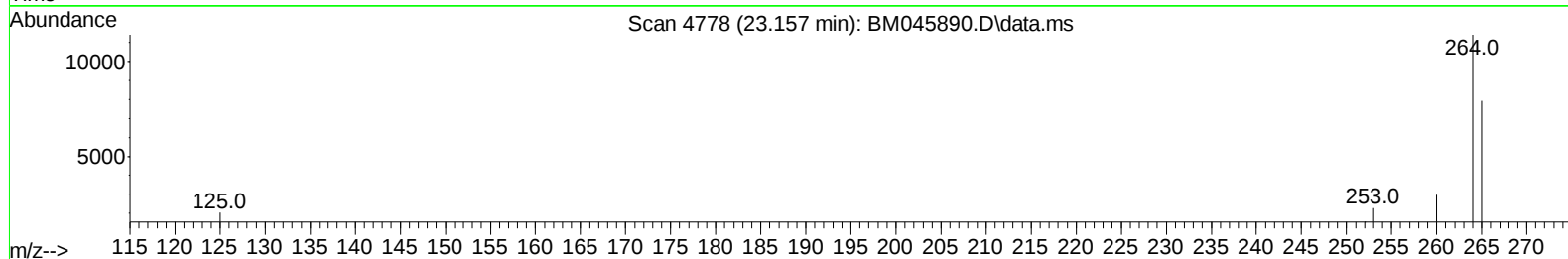
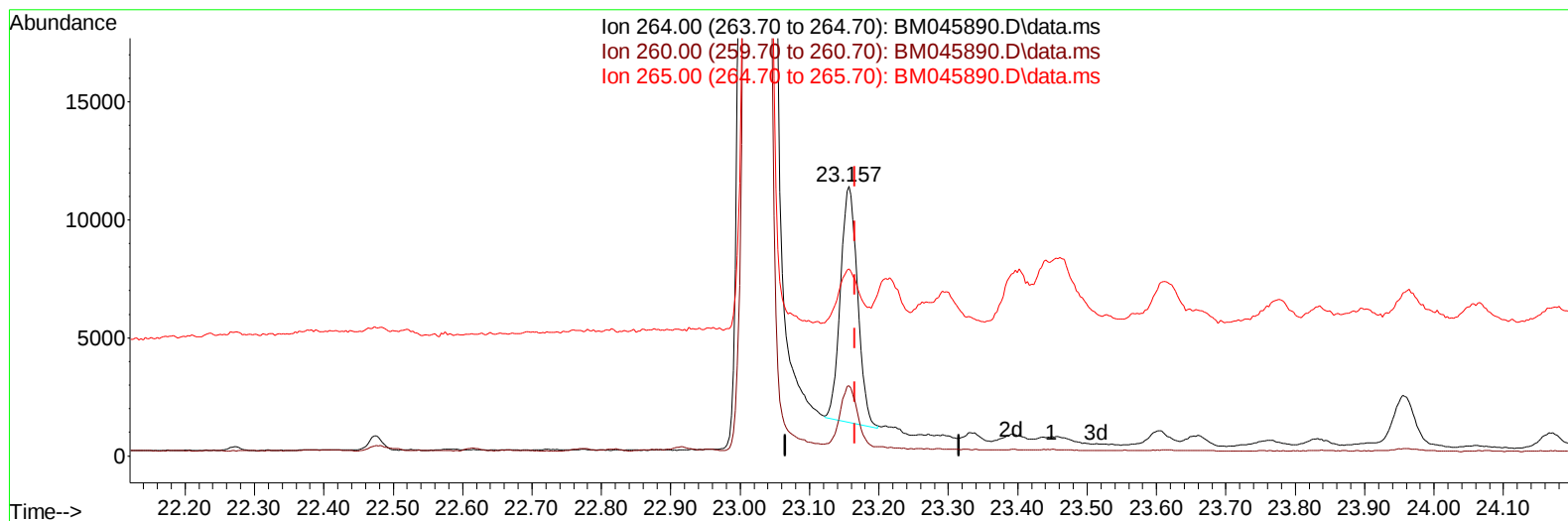
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
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TIC: BM045890.D\data.ms

(23) Perylene-d12 (I)

23.157min (-0.009) 0.40 ng/ul m

response 17050

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	26.05
265.00	76.60	69.34
0.00	0.00	0.00

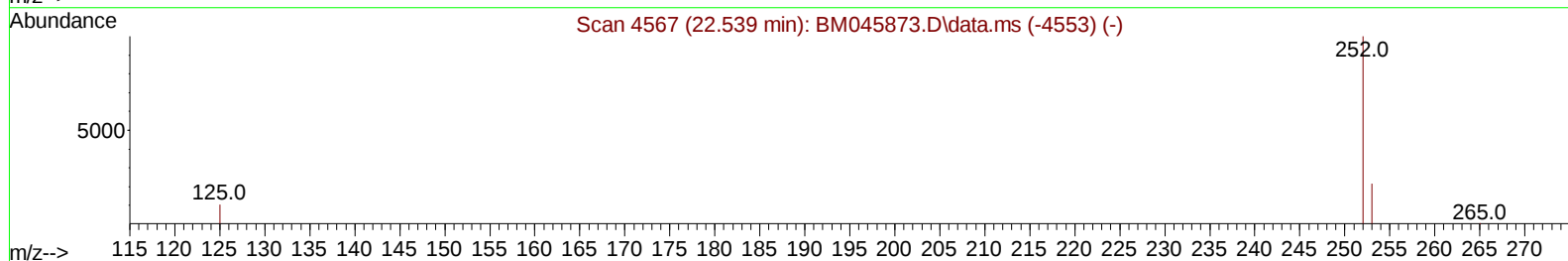
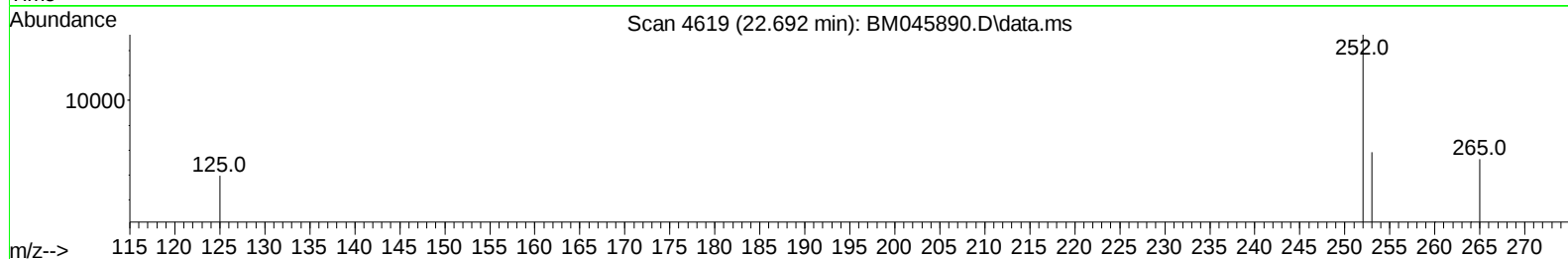
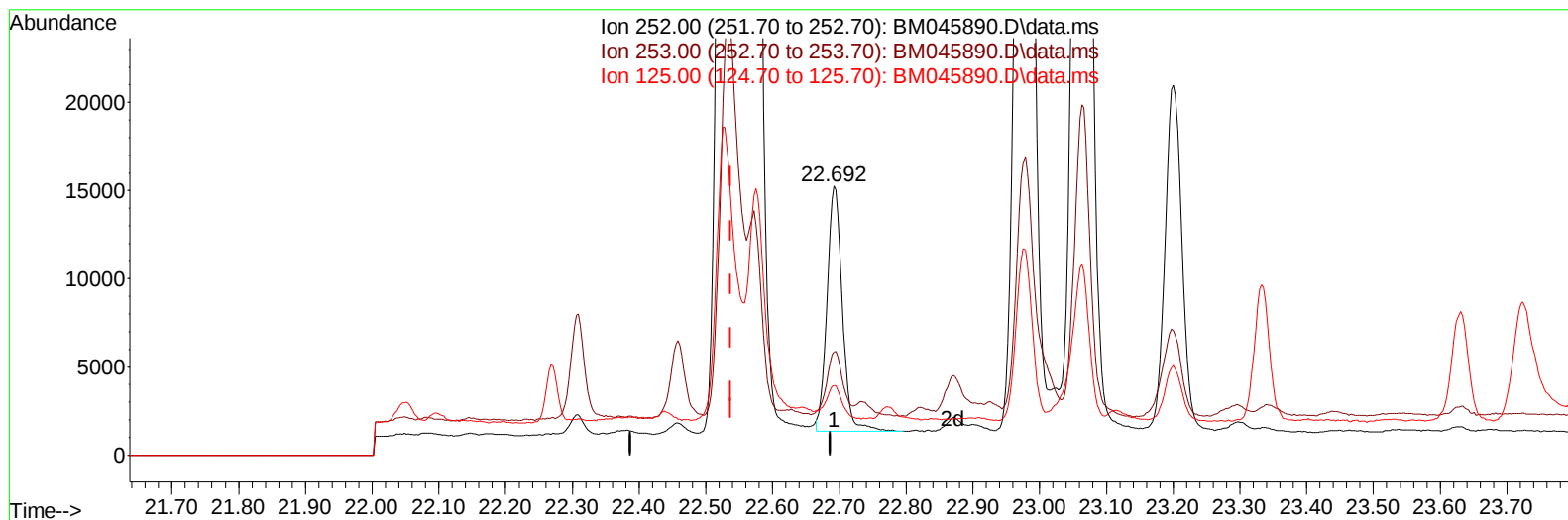
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(24) Benzo(b)fluoranthene

22.692min (+ 0.155) 0.40 ng/u1

response 22459

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	38.26
125.00	17.90	25.80
0.00	0.00	0.00

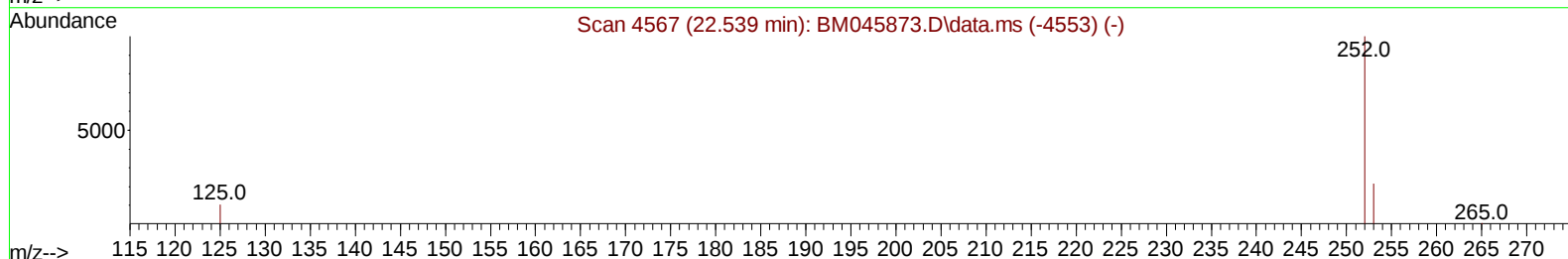
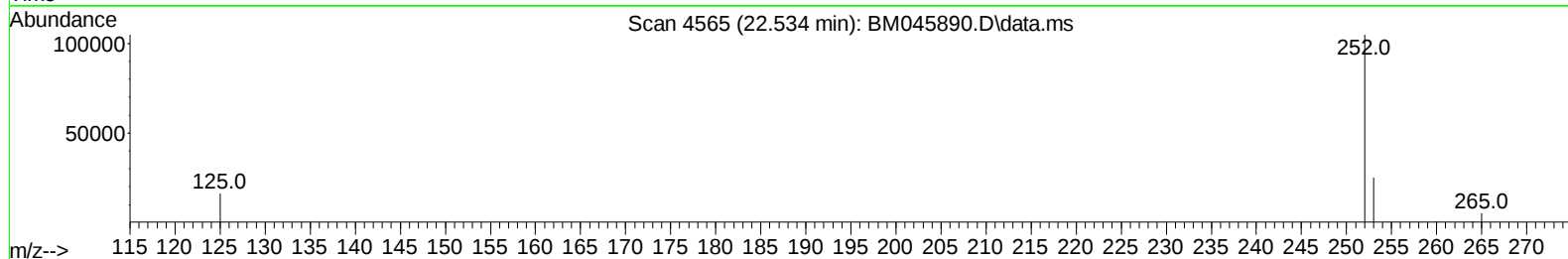
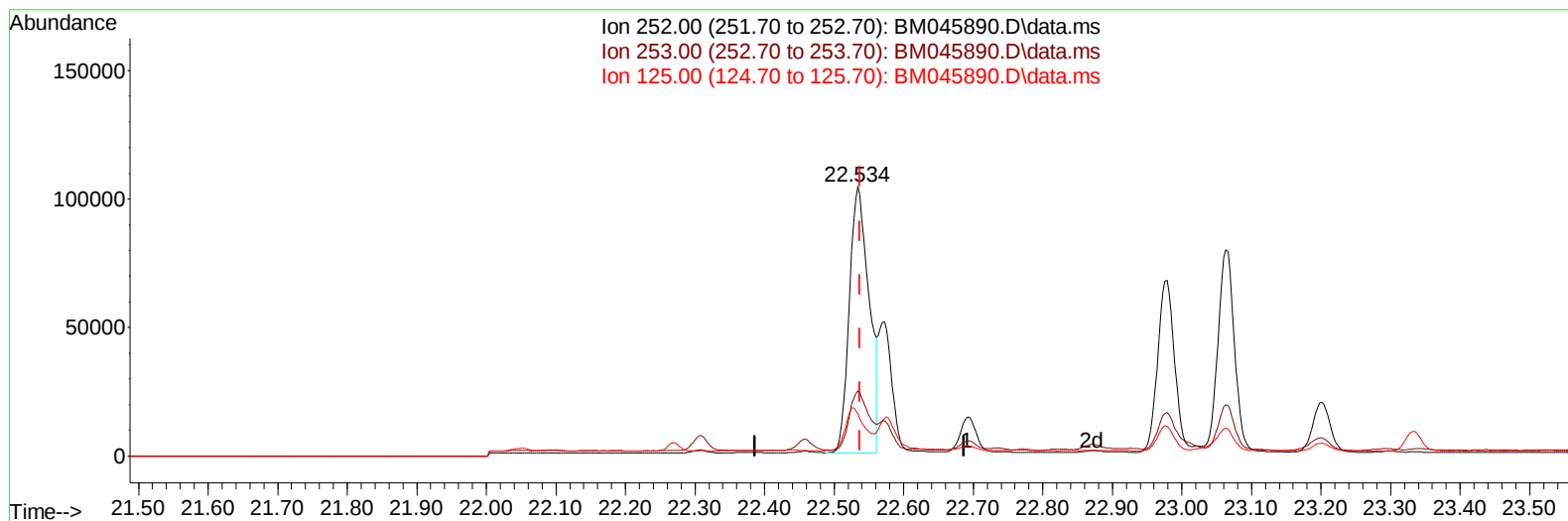
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(24) Benzo(b)fluoranthene

22.534min (-0.003) 3.60 ng/u1 m

response 203539

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	24.07
125.00	17.90	15.62
0.00	0.00	0.00

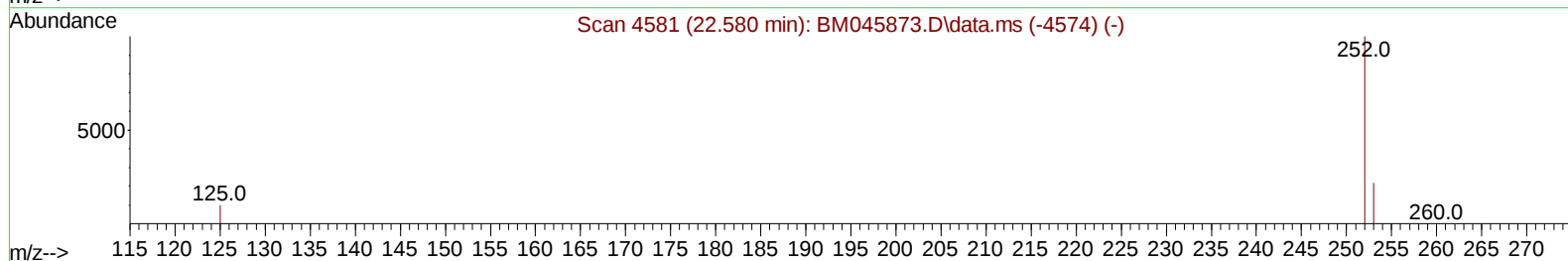
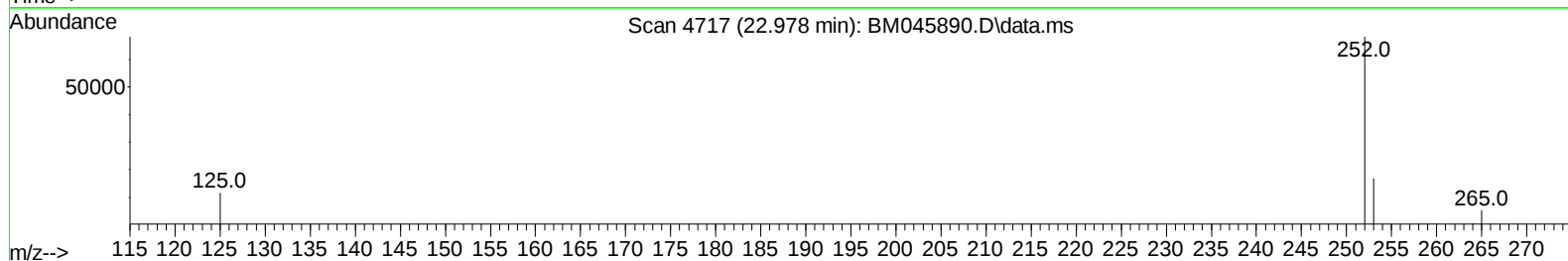
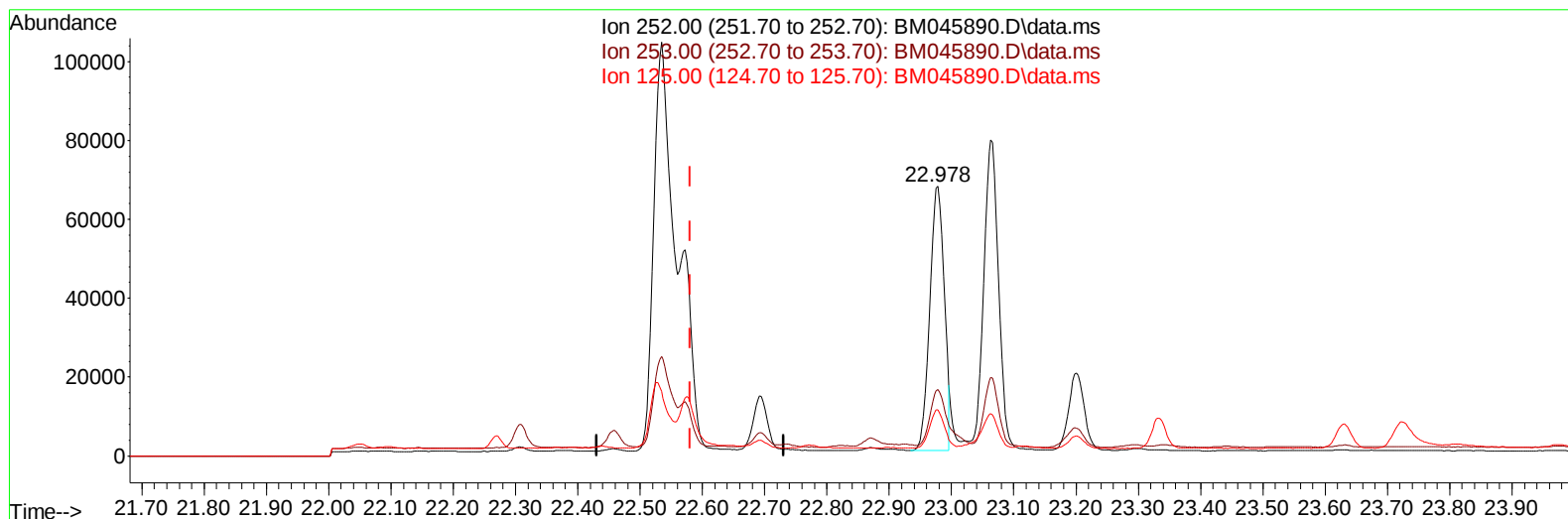
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(25) Benzo(k)fluoranthene

22.978min (+ 0.398) 1.74 ng/u1

response 108245

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	24.71#
125.00	17.70	17.04
0.00	0.00	0.00

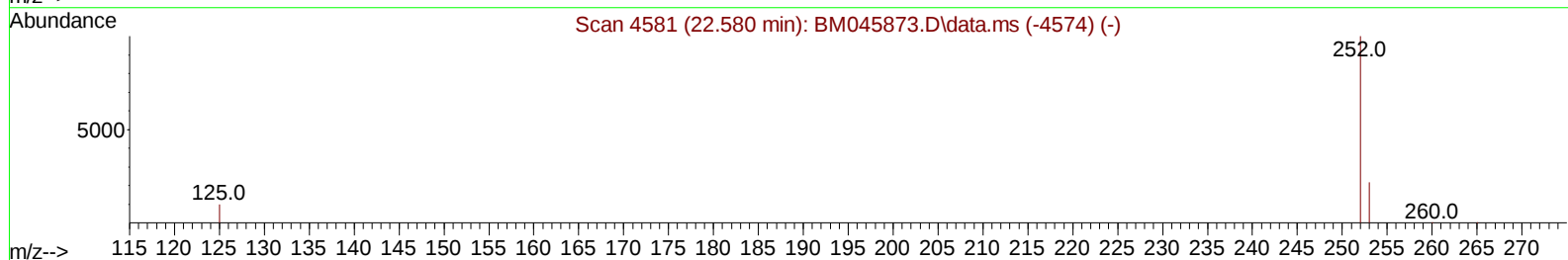
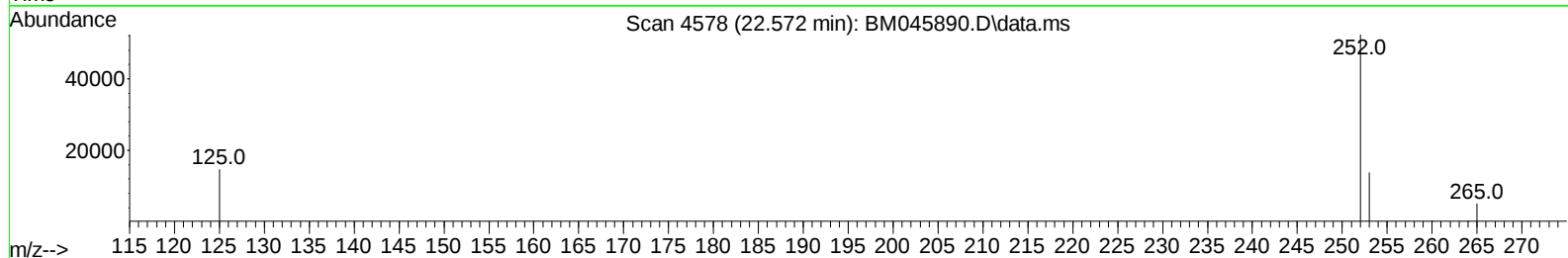
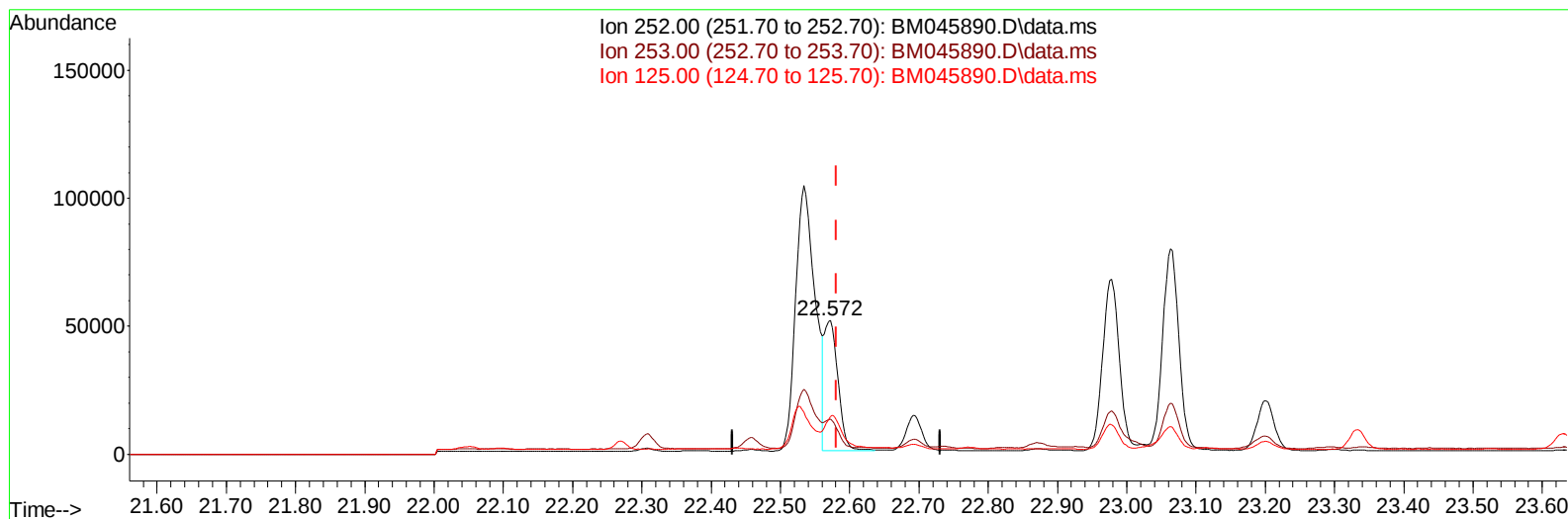
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration



TIC: BM045890.D\data.ms

(25) Benzo(k)fluoranthene

22.572min (-0.009) 1.11 ng/u1 m

response 69283

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	26.48
125.00	17.70	28.14#
0.00	0.00	0.00

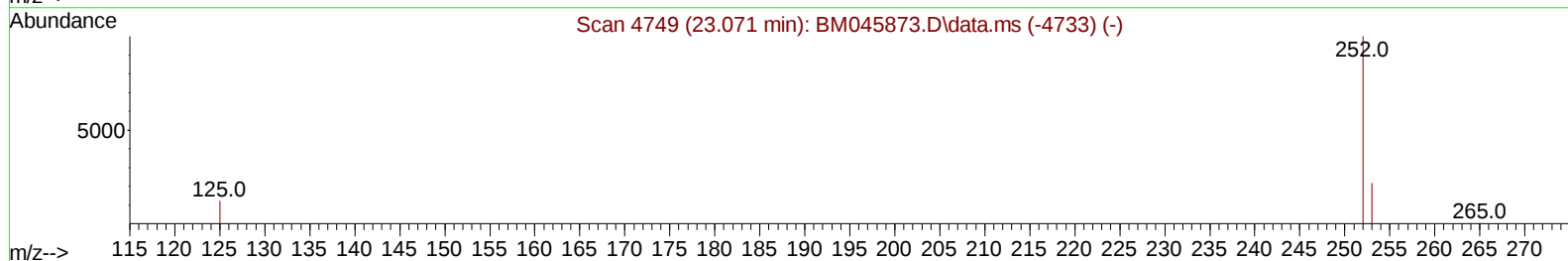
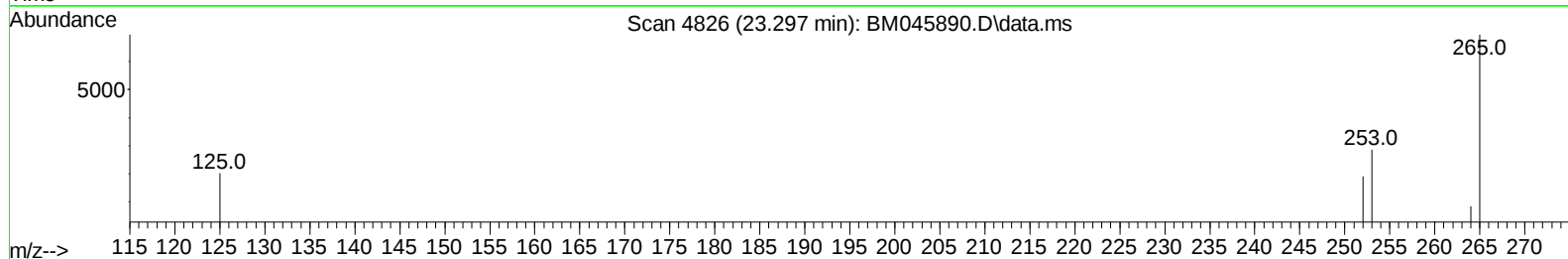
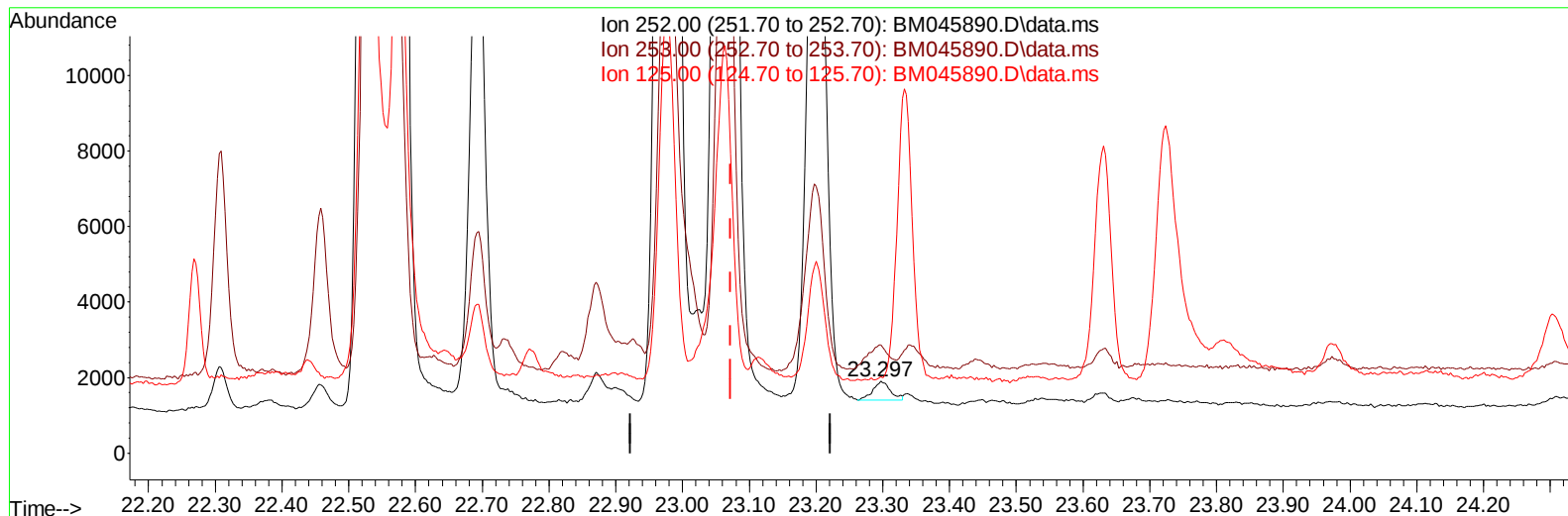
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(26) Benzo(a)pyrene (C)

23.297min (+ 0.225) 0.02 ng/u1

response 942

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	150.00#
125.00	21.60	106.09#
0.00	0.00	0.00

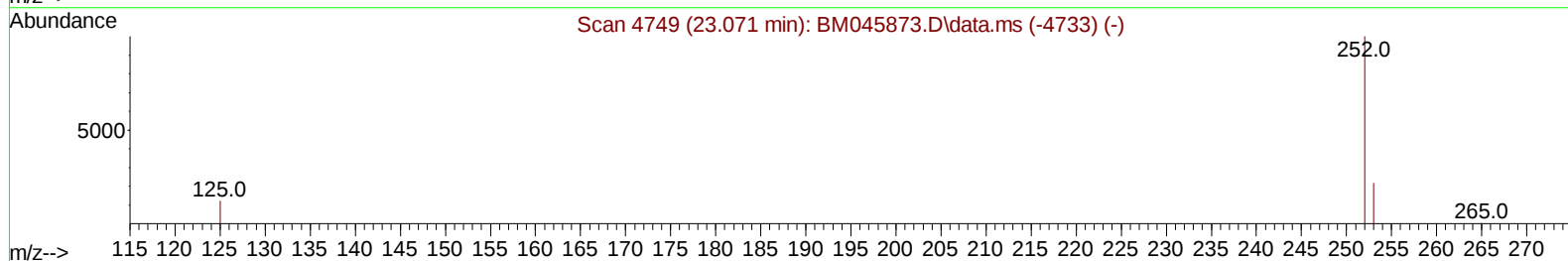
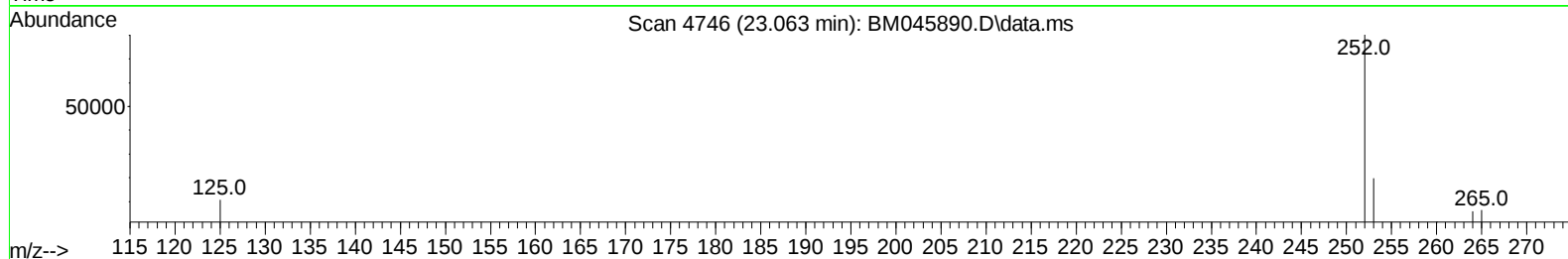
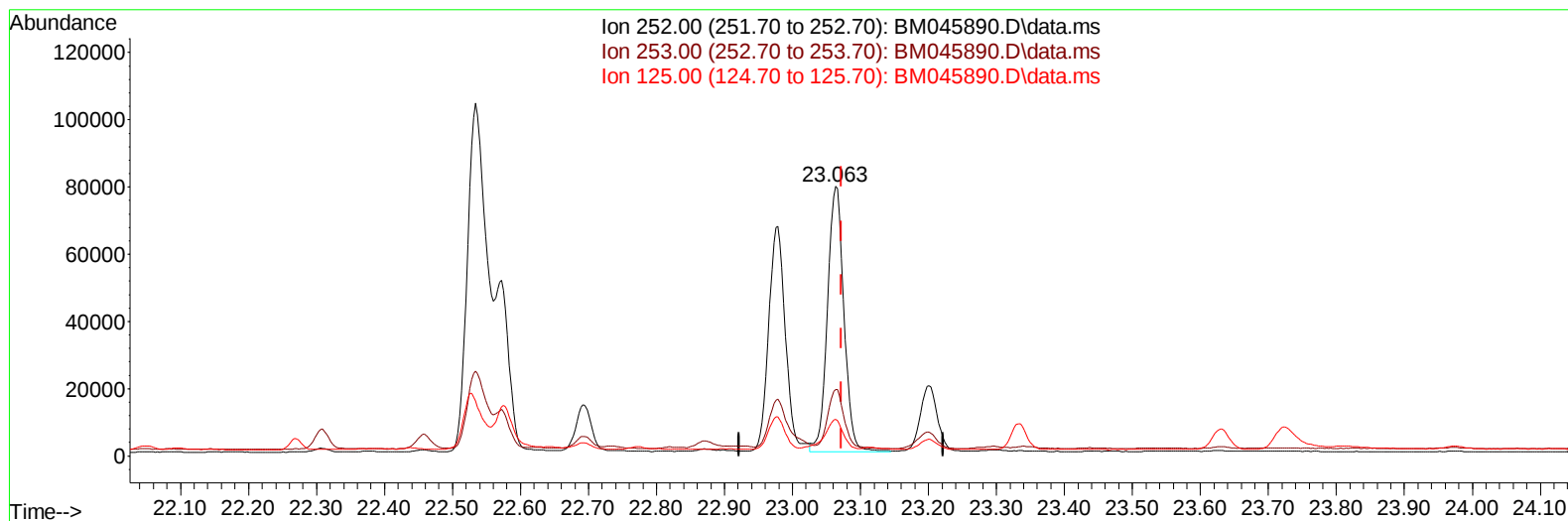
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

(26) Benzo(a)pyrene (C)

23.063min (-0.009) 2.35 ng/u1 m

response 132167

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	24.77#
125.00	21.60	13.47#
0.00	0.00	0.00

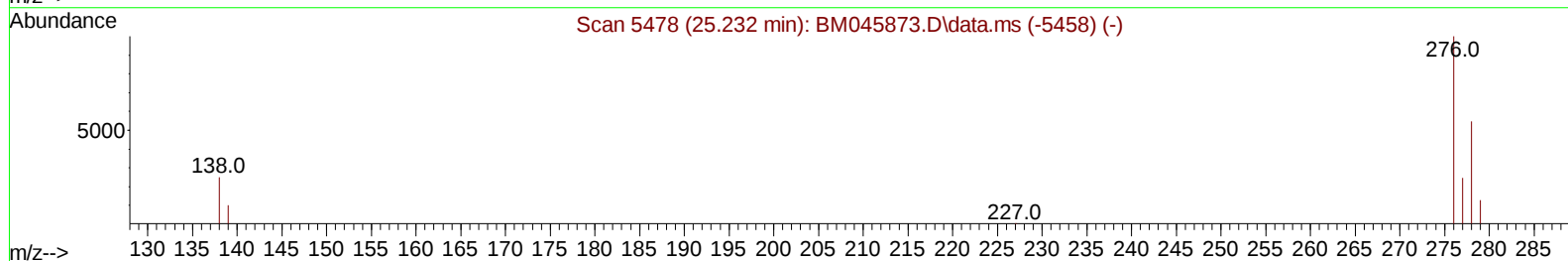
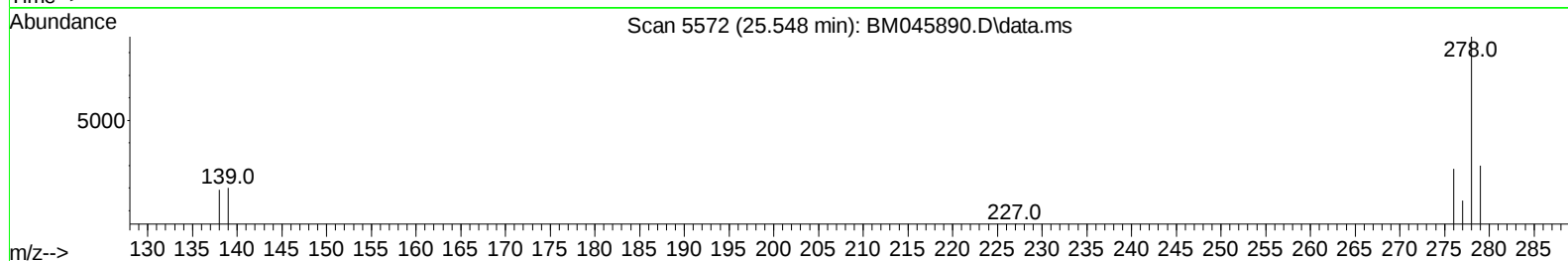
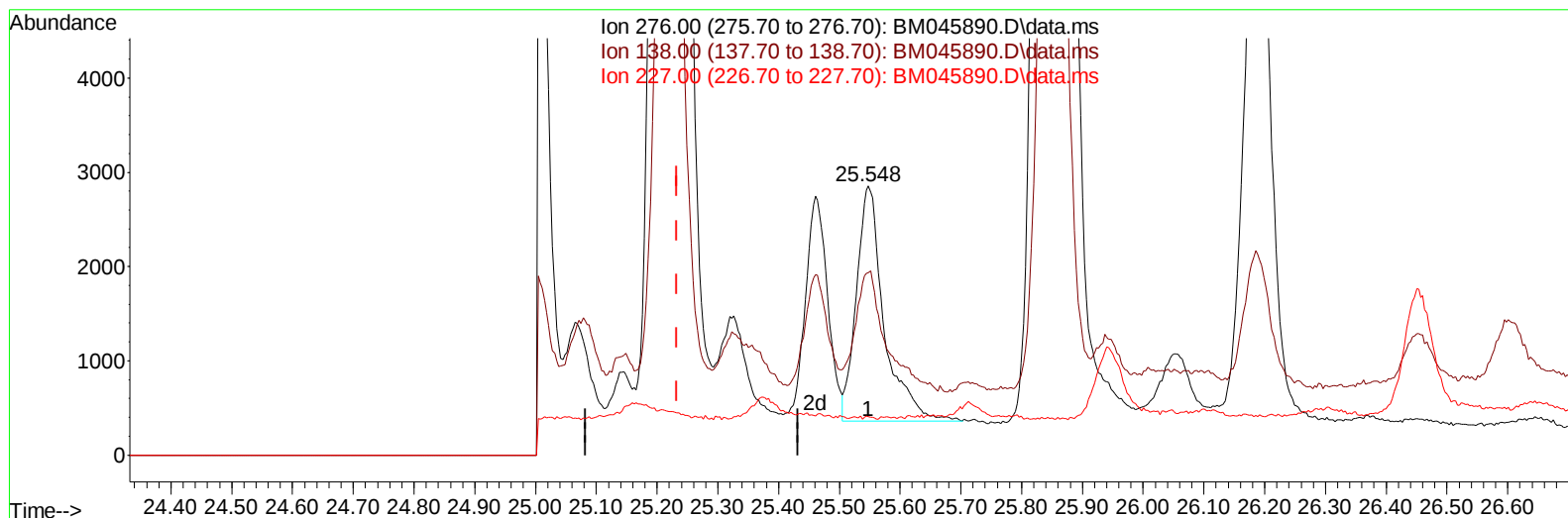
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045890.D
 Acq On : 07 Jun 2024 21:07
 Operator : MA/JU
 Sample : P2586-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045890.D\data.ms

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

25.548min (+ 0.316) 0.11 ng/u1

response 7890

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	56.21#
227.00	0.20	0.33#
0.00	0.00	0.00

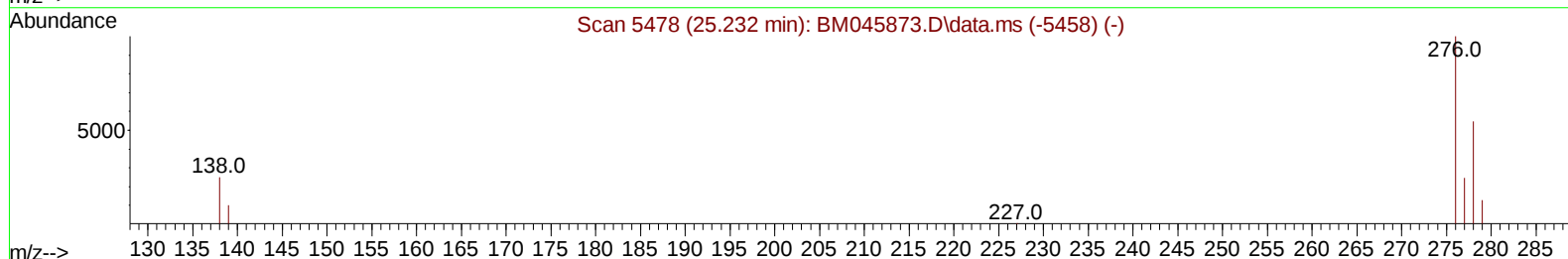
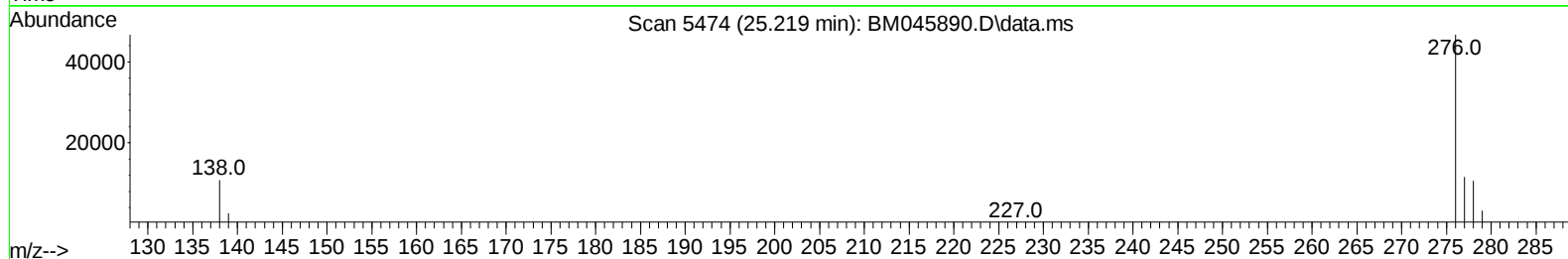
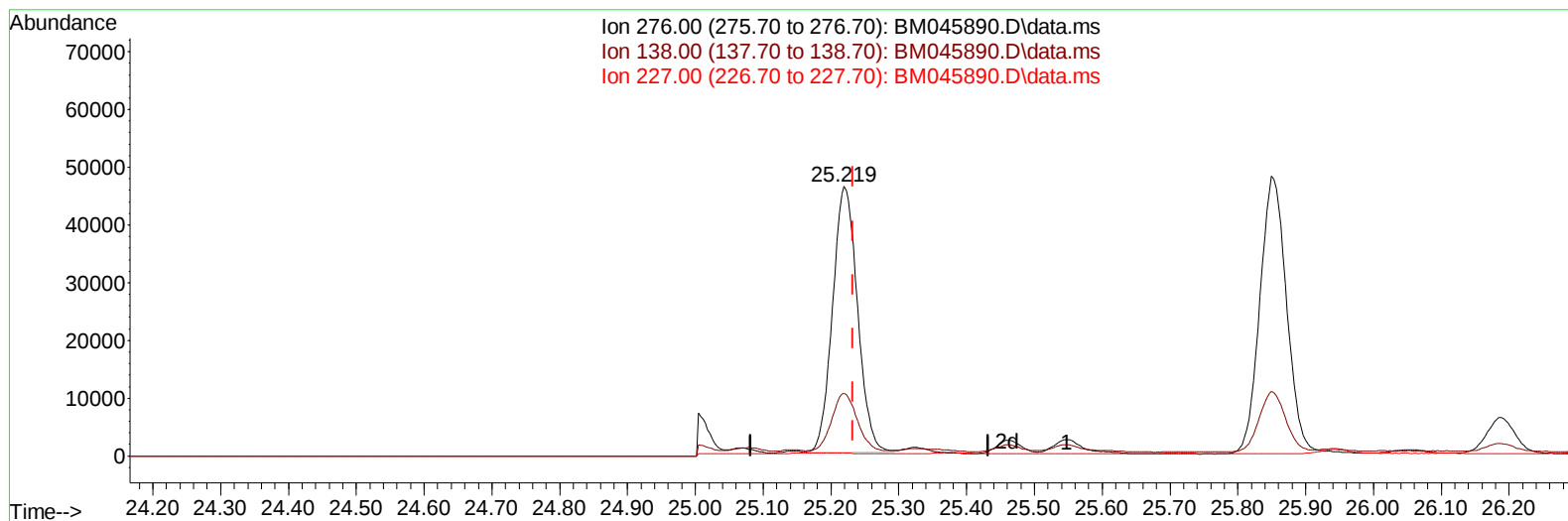
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
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TIC: BM045890.D\data.ms

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

25.219min (-0.013) 1.61 ng/u1 m

response 117341

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	3.78#
227.00	0.20	0.02#
0.00	0.00	0.00

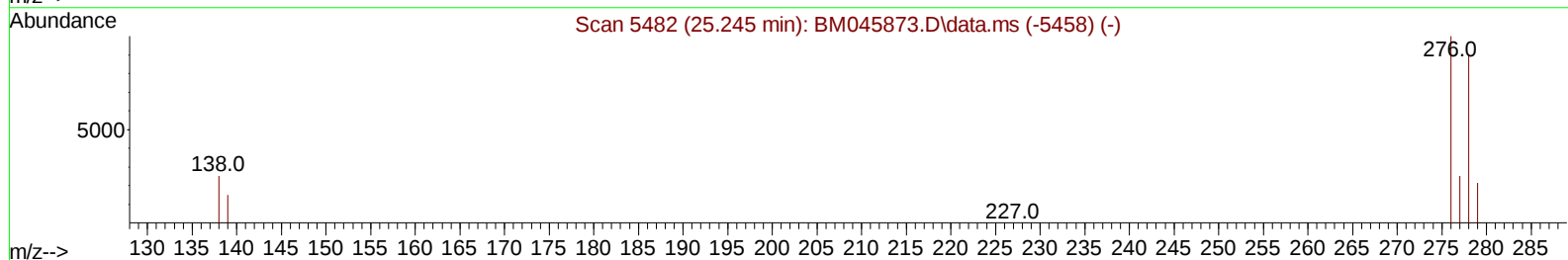
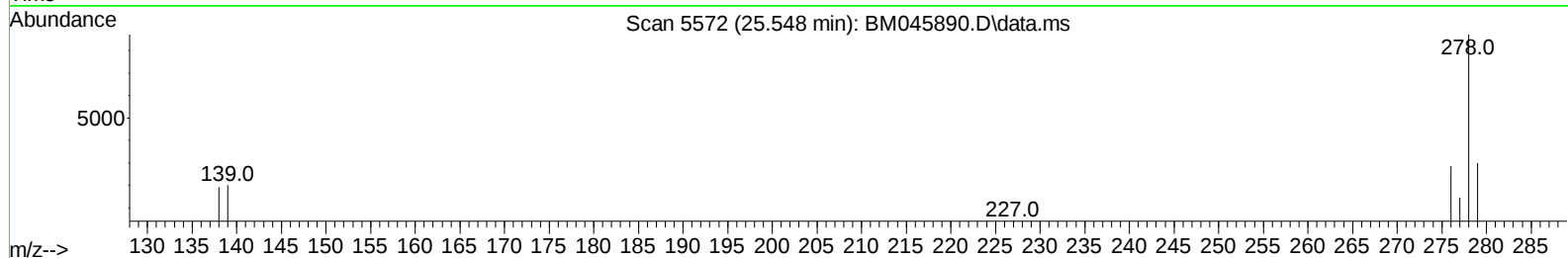
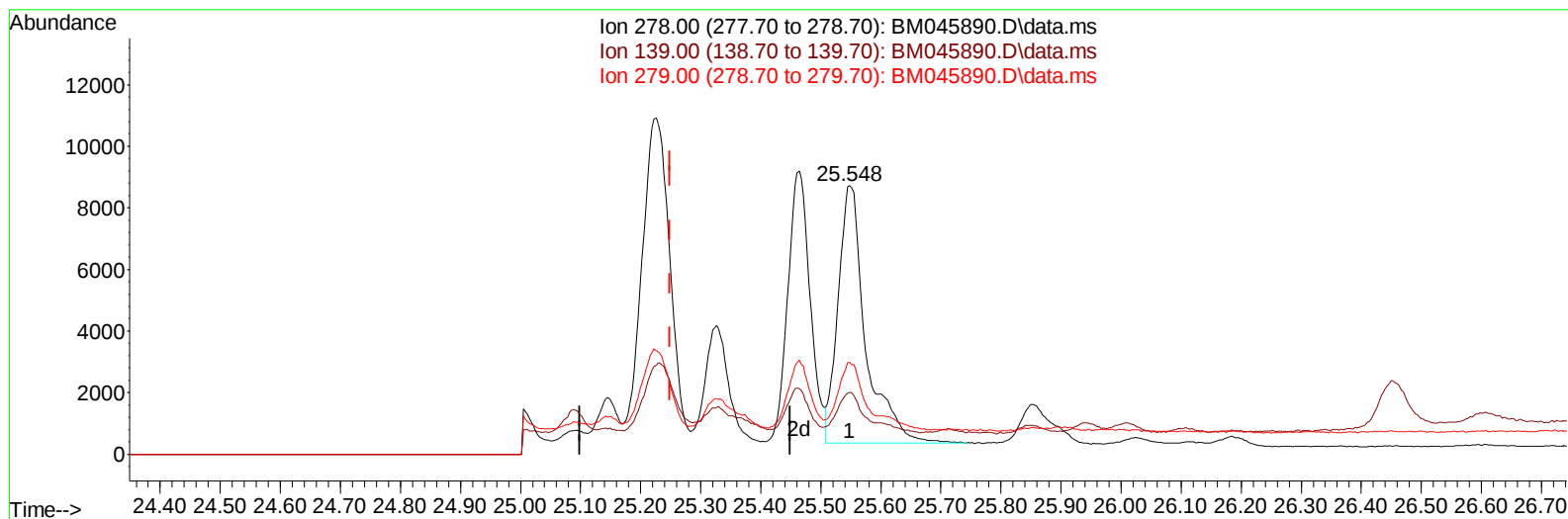
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
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QLast Update : Fri Jun 07 22:59:16 2024
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TIC: BM045890.D\data.ms

(28) Dibenzo(a,h)anthracene

25.548min (+ 0.299) 0.46 ng/u1

response 26745

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	22.93
279.00	30.80	34.29
0.00	0.00	0.00

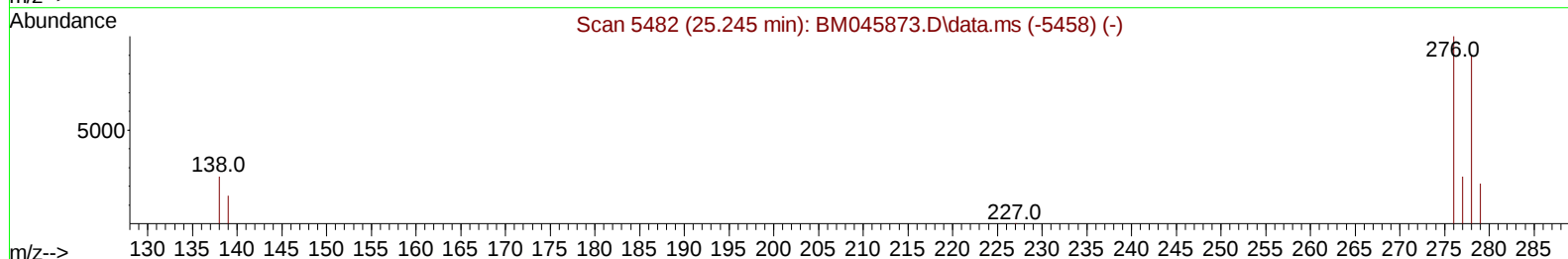
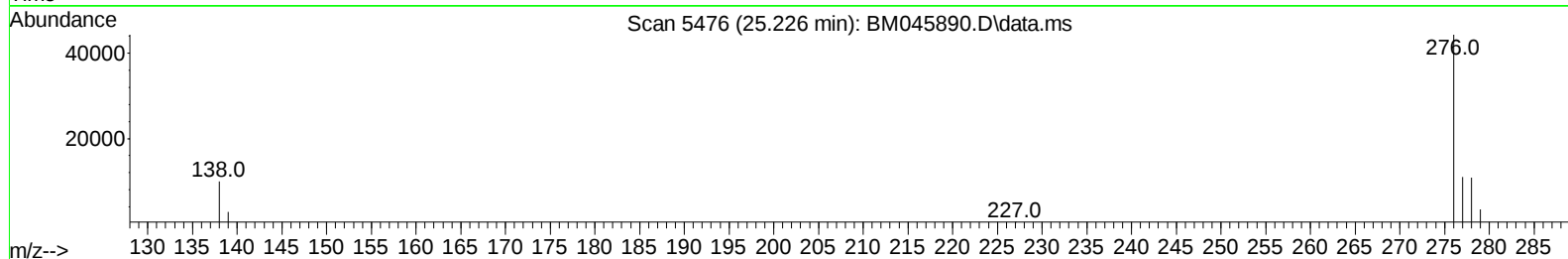
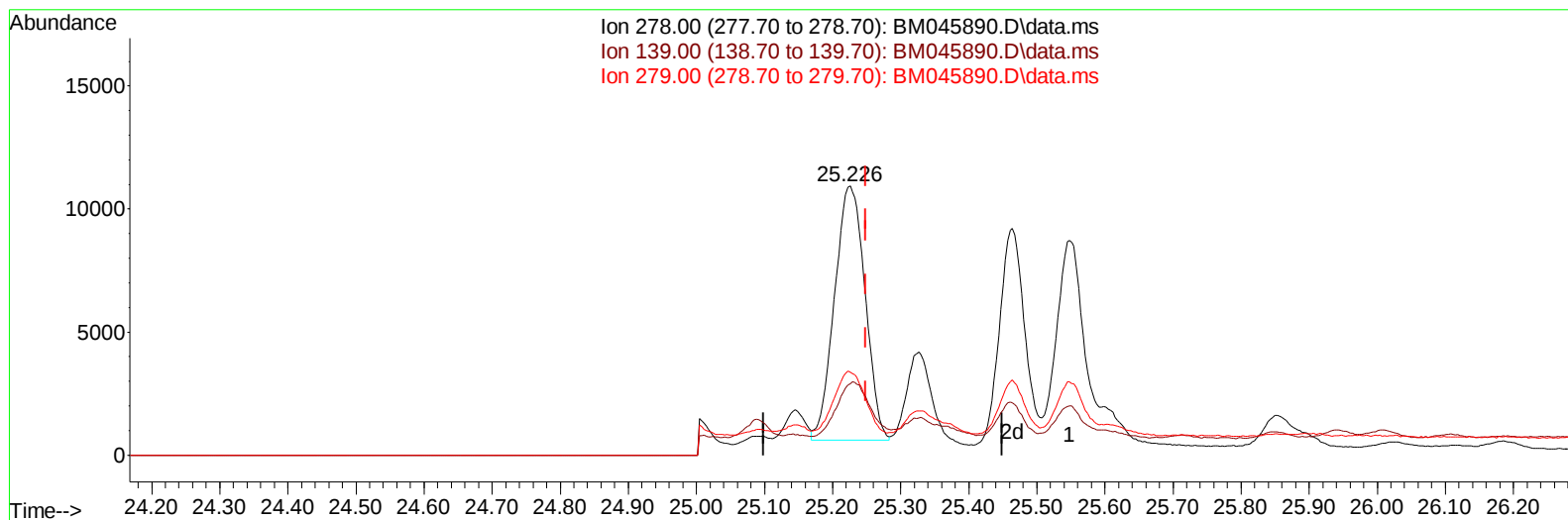
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:01:58 2024
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TIC: BM045890.D\data.ms

(28) Dibenzo(a,h)anthracene

25.226min (-0.023) 0.55 ng/u1 m

response 32104

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	26.51#
279.00	30.80	30.80
0.00	0.00	0.00

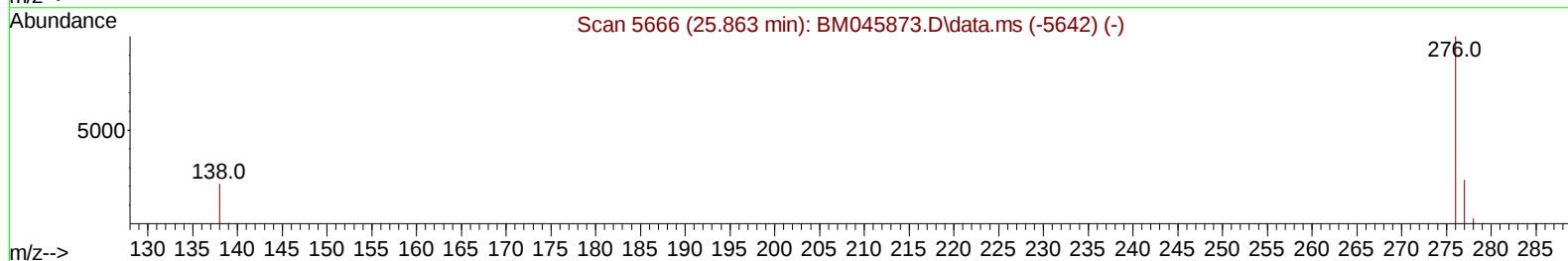
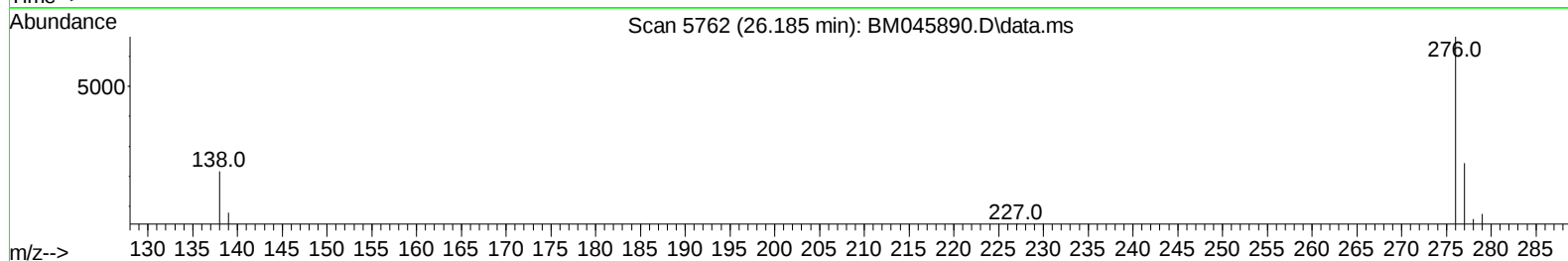
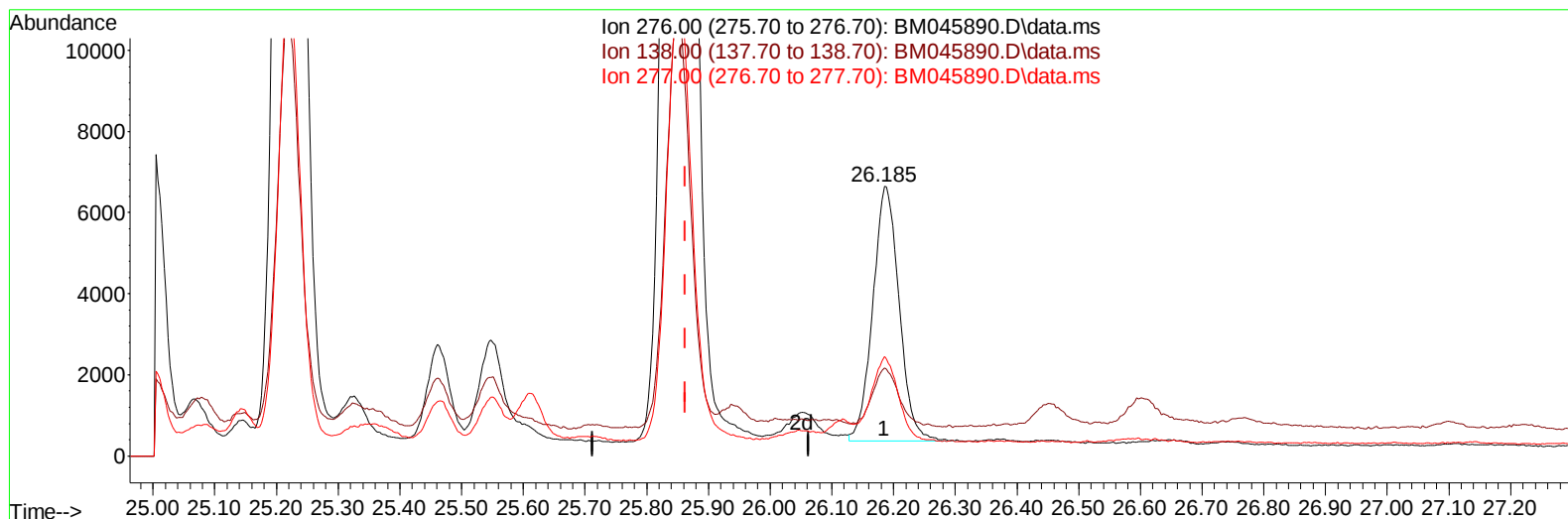
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

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TIC: BM045890.D\data.ms

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

26.185min (+ 0.322) 0.30 ng/u1

response 18612

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	32.68#
277.00	25.60	36.96#
0.00	0.00	0.00

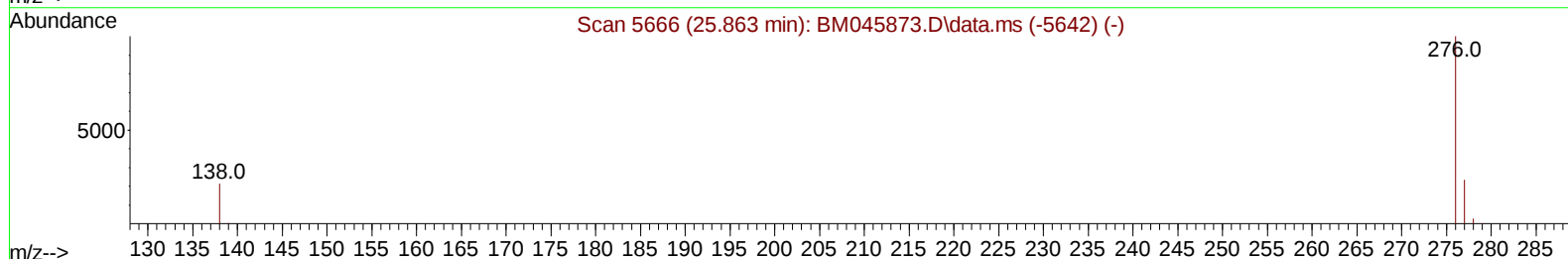
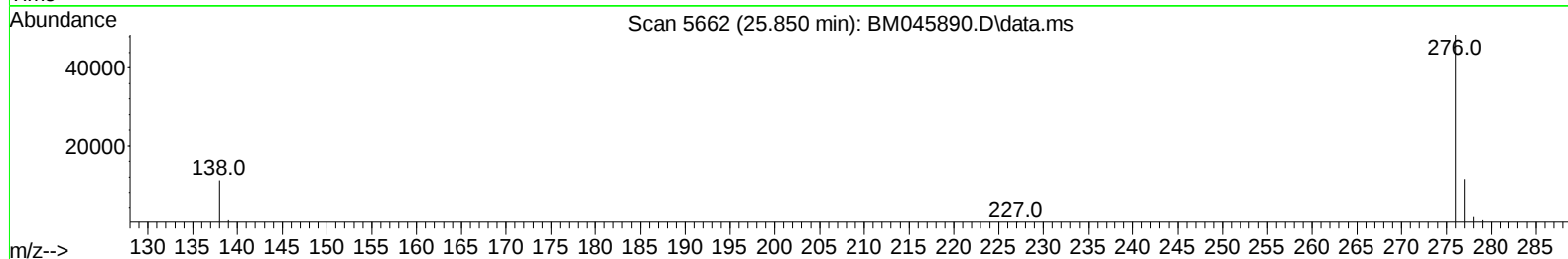
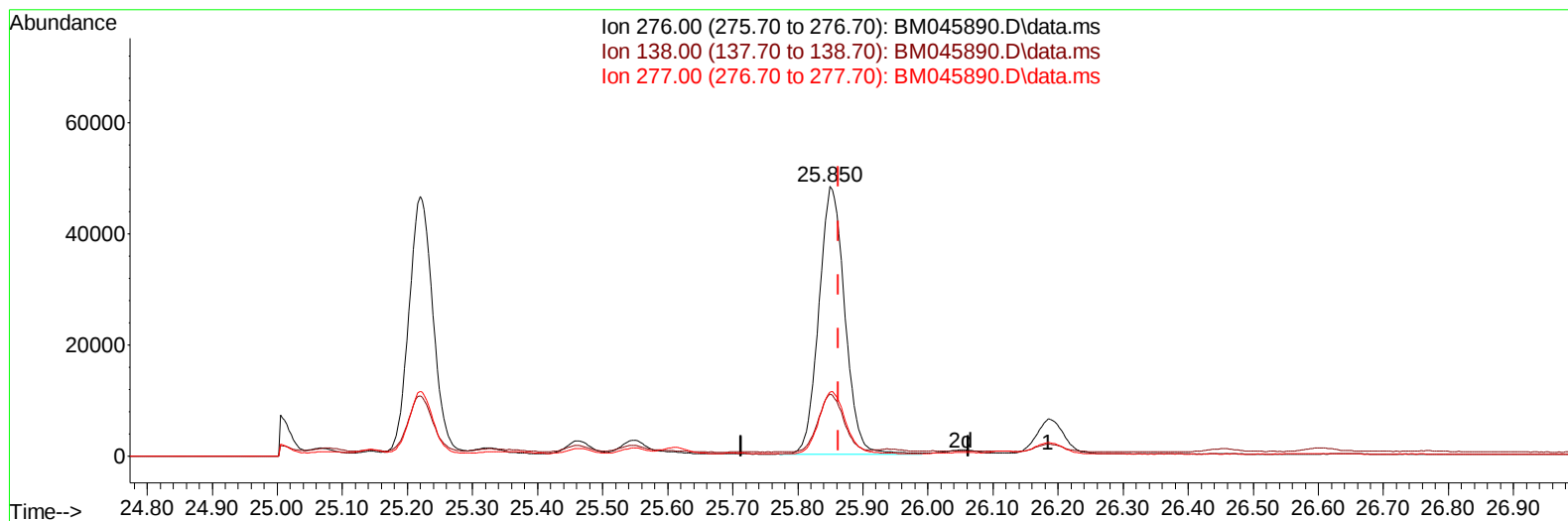
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

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TIC: BM045890.D\data.ms

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

25.850min (-0.013) 2.13 ng/ul m

response 133363

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	23.09
277.00	25.60	23.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045890.D
 Acq On : 07 Jun 2024 21:07
 Operator : MA/JU
 Sample : P2586-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A4C29

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	6460	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	21598	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	11180	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	22370m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.047	240	16192m	0.400	ng/ul	0.00
23) Perylene-d12	23.157	264	17050m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	24738	3.362	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	7035	0.226	ng/ul	-0.01
18) Fluoranthene-d10	18.885	212	12244m	0.253	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	4479	0.079	ng/ul#	94
7) 2-Methylnaphthalene	11.914	142	2151	0.060	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	1585	0.041	ng/ul	98
10) Acenaphthylene	13.830	152	3594	0.071	ng/ul#	91
11) Acenaphthene	14.172	153	5302	0.142	ng/ul	98
12) Fluorene	15.167	166	7366	0.176	ng/ul	98
15) Phenanthrene	16.895	178	108477m	1.727	ng/ul	
16) Anthracene	16.988	178	22945m	0.428	ng/ul	
19) Fluoranthene	18.917	202	195275m	3.024	ng/ul	
20) Pyrene	19.280	202	156898m	2.329	ng/ul	
21) Benzo(a)anthracene	21.029	228	111901m	1.883	ng/ul	
22) Chrysene	21.082	228	121117m	1.872	ng/ul	
24) Benzo(b)fluoranthene	22.534	252	203539m	3.599	ng/ul	
25) Benzo(k)fluoranthene	22.572	252	69283m	1.115	ng/ul	
26) Benzo(a)pyrene	23.063	252	132167m	2.350	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.219	276	117341m	1.614	ng/ul	
28) Dibenzo(a,h)anthracene	25.226	278	32104m	0.552	ng/ul	
29) Benzo(g,h,i)perylene	25.850	276	133363m	2.126	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
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Misc :
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Instrument :
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A4C29

Manual IntegrationsAPPROVED

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