

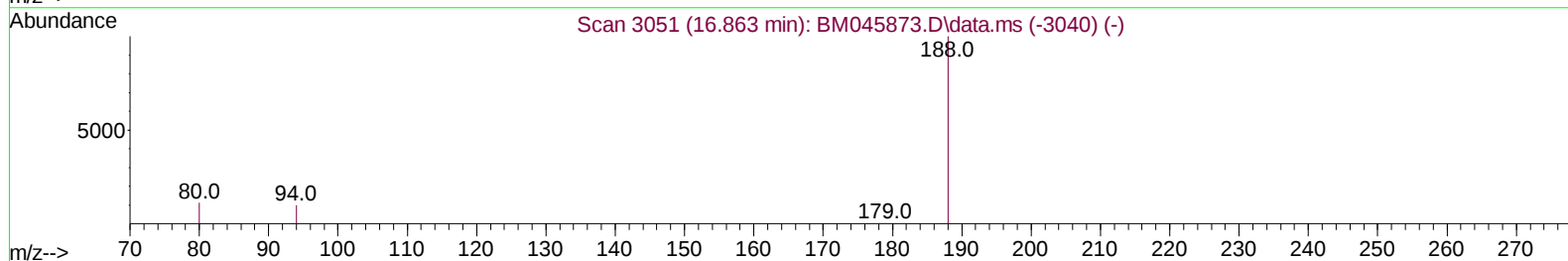
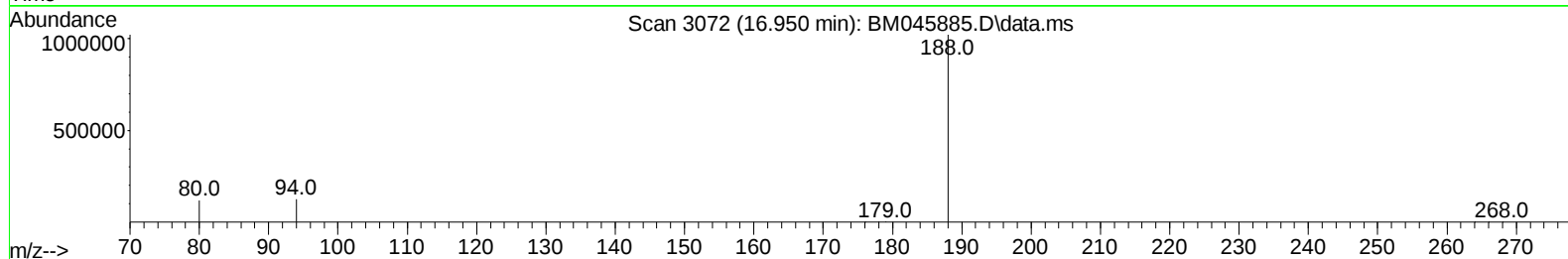
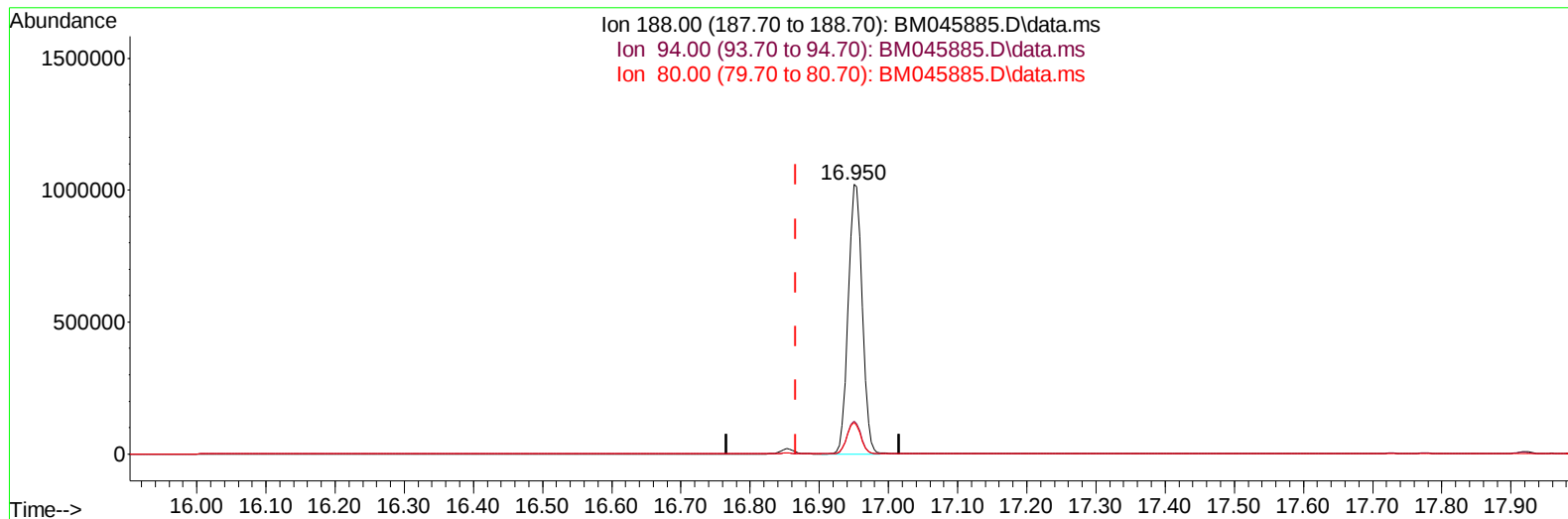
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

(13) Phenanthrene-d10 (I)

16.950min (+ 0.084) 0.40 ng/u1

response 1433719

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	12.24
80.00	11.70	11.64
0.00	0.00	0.00

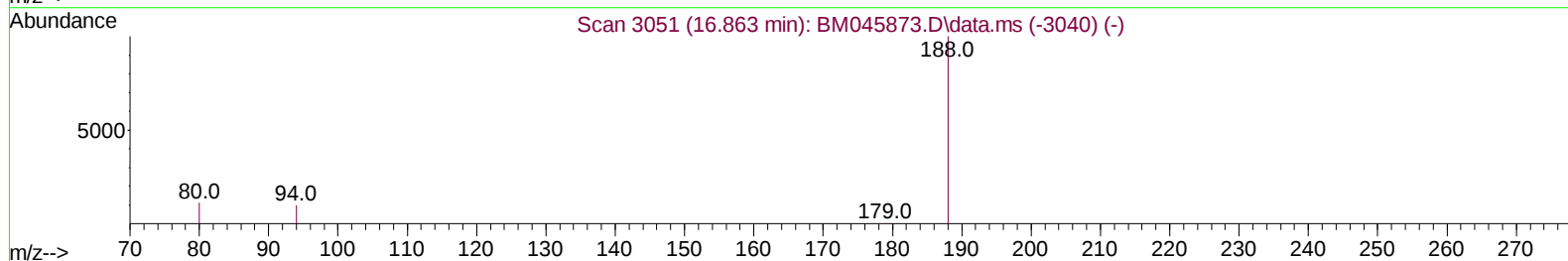
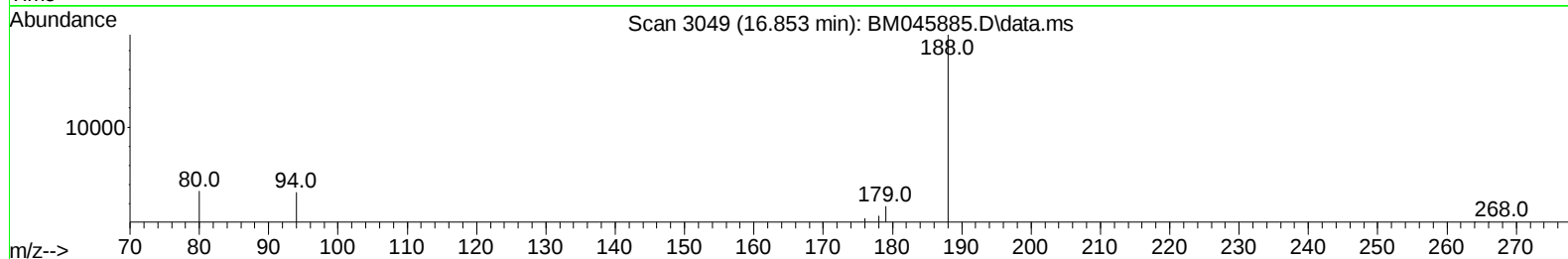
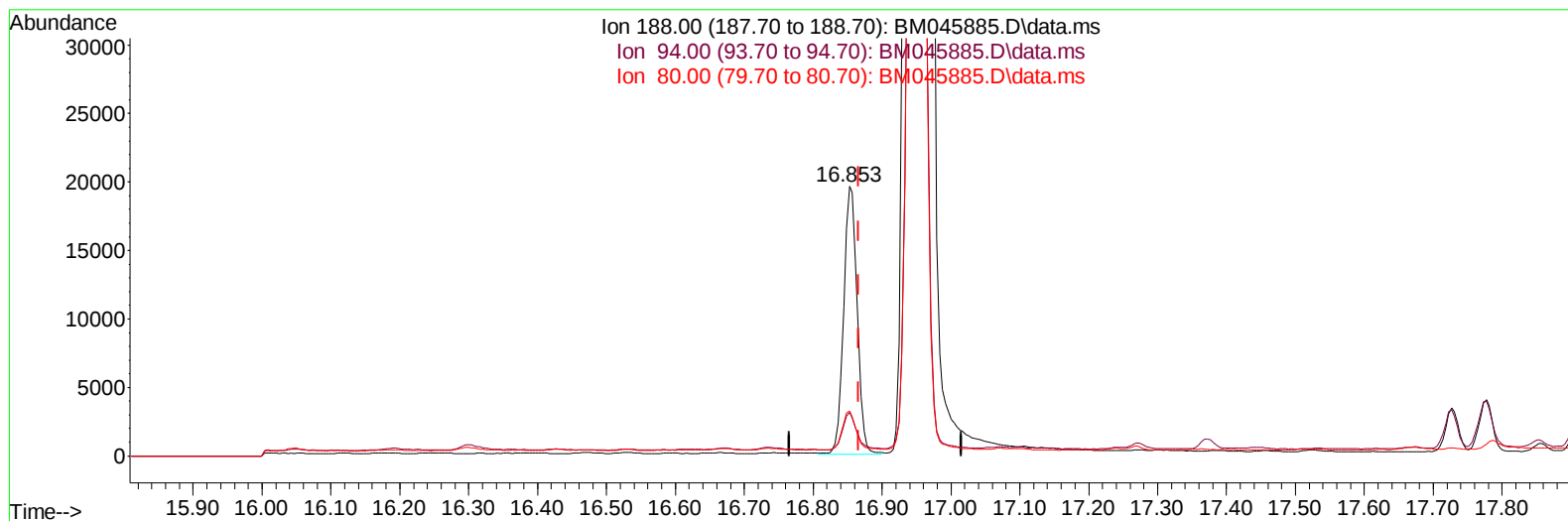
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(13) Phenanthrene-d10 (I)

16.853min (-0.013) 0.40 ng/ul m

response 26602

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	16.07#
80.00	11.70	16.73#
0.00	0.00	0.00

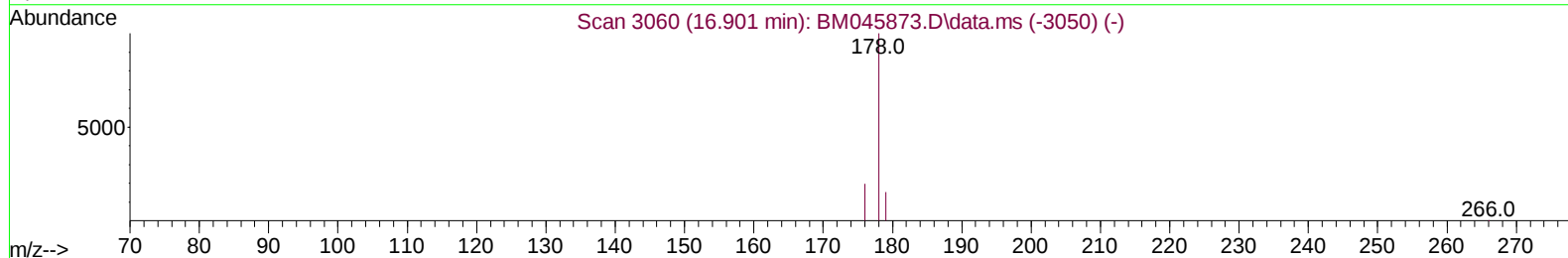
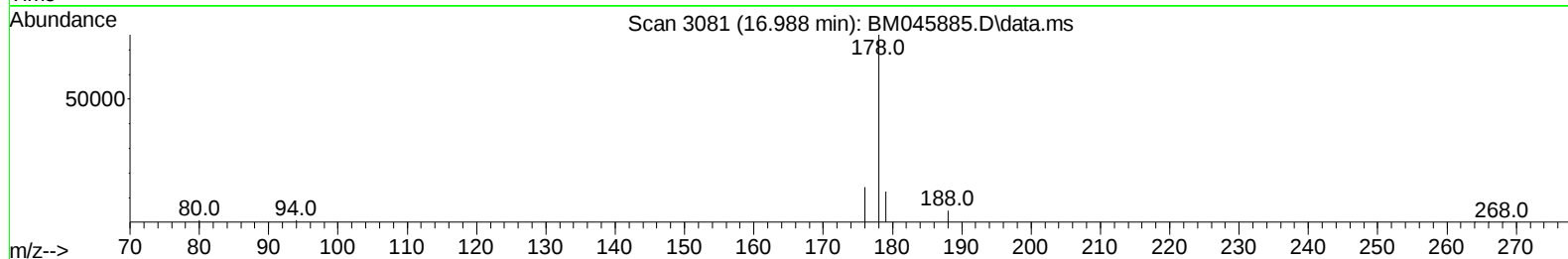
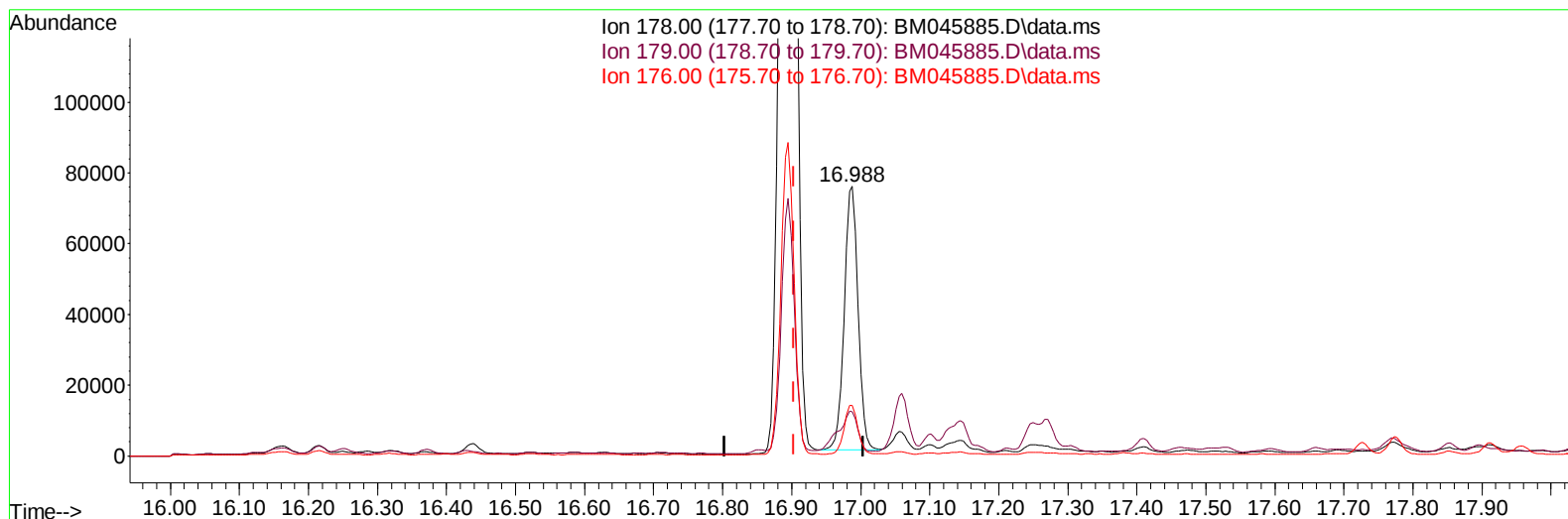
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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TIC: BM045885.D\data.ms

(15) Phenanthrene

16.988min (+ 0.084) 1.40 ng/u1

response 104297

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	16.43
176.00	19.50	18.73
0.00	0.00	0.00

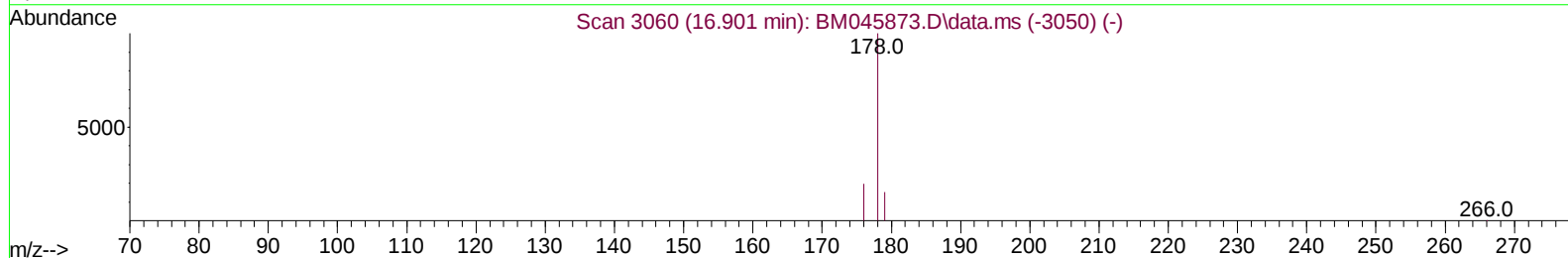
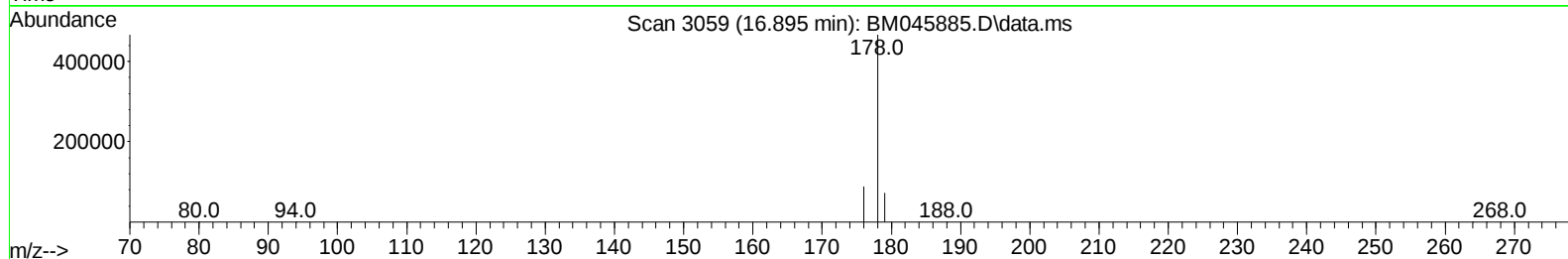
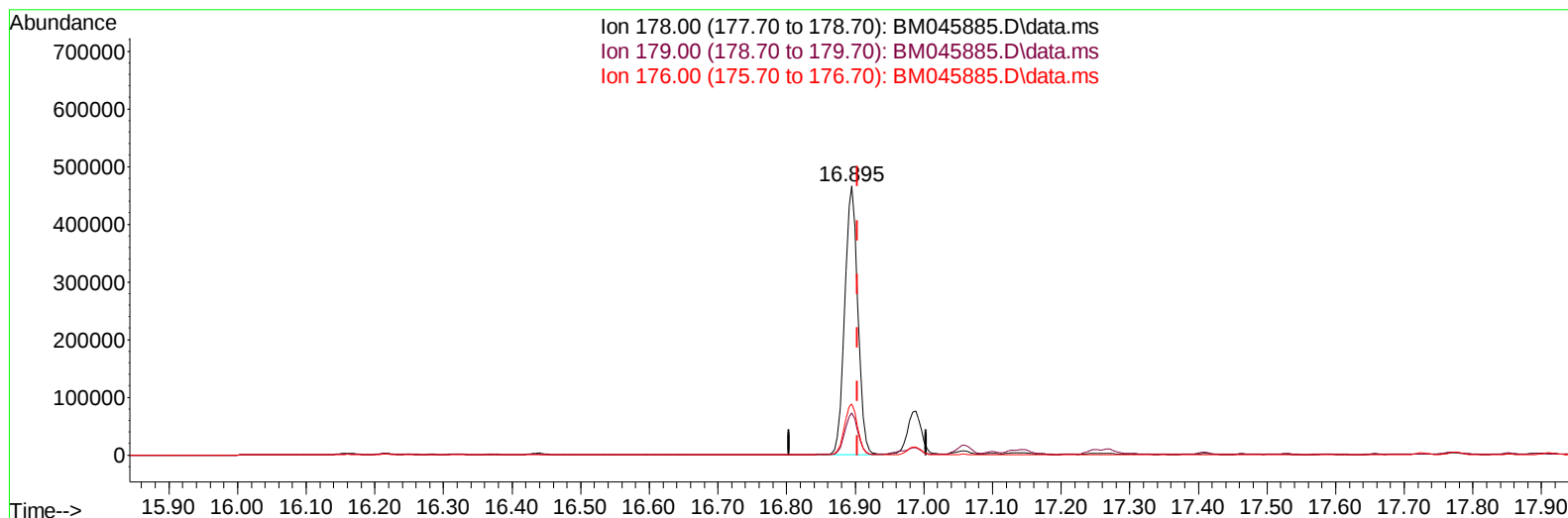
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(15) Phenanthrene

16.895min (-0.009) 8.28 ng/u1 m

response 618084

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.62
176.00	19.50	19.01
0.00	0.00	0.00

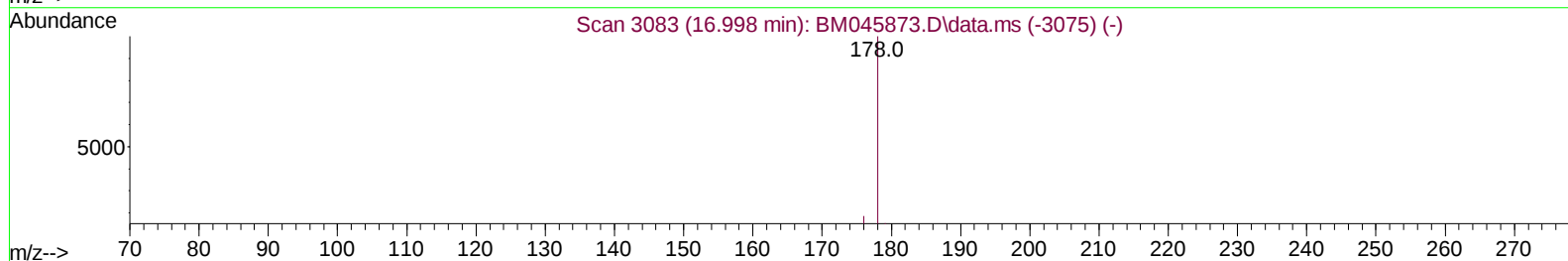
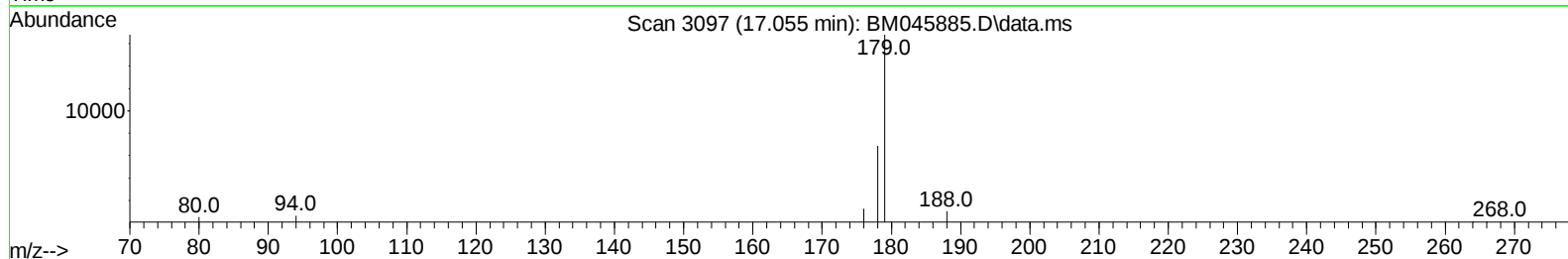
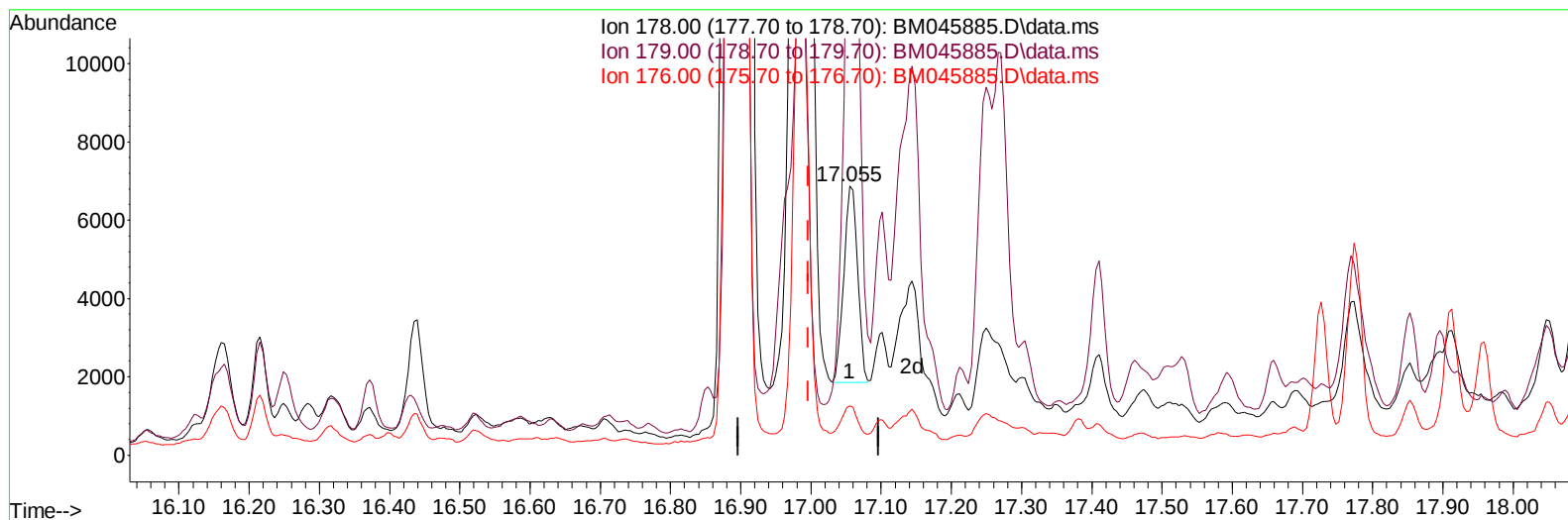
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 2024
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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(16) Anthracene

17.055min (+ 0.059) 0.11 ng/u1

response 6865

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	244.39#
176.00	19.40	18.31
0.00	0.00	0.00

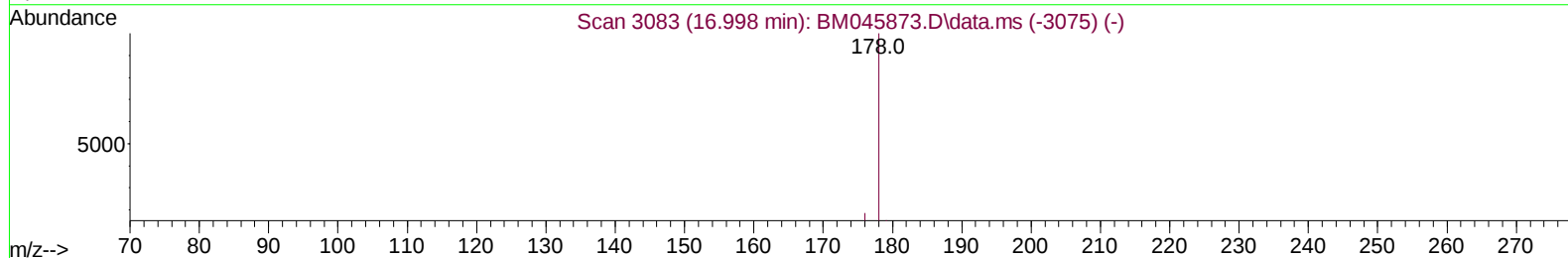
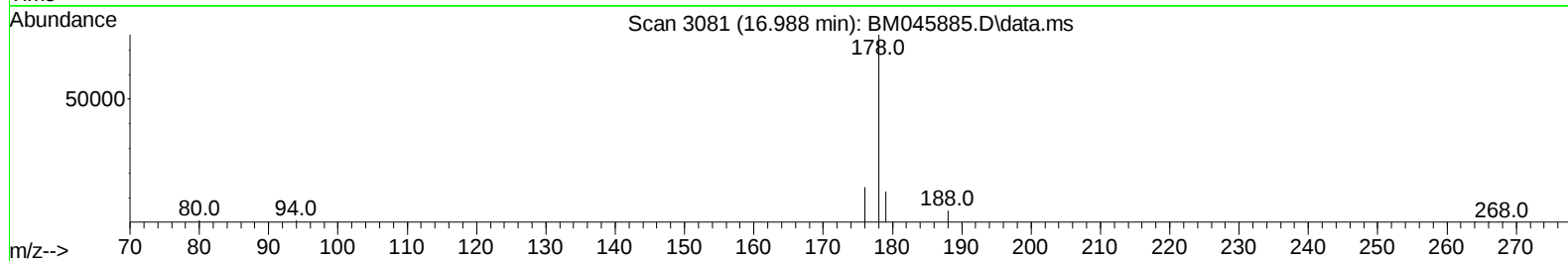
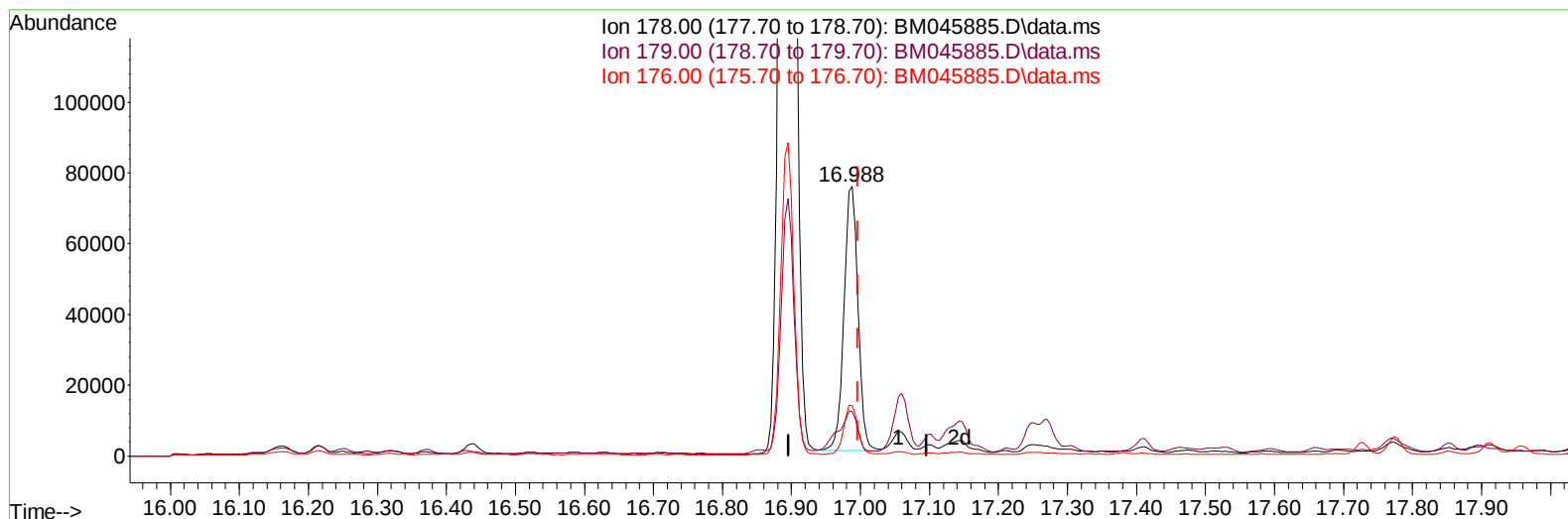
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

(16) Anthracene

16.988min (-0.009) 1.64 ng/u1 m

response 104728

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	16.43
176.00	19.40	18.73
0.00	0.00	0.00

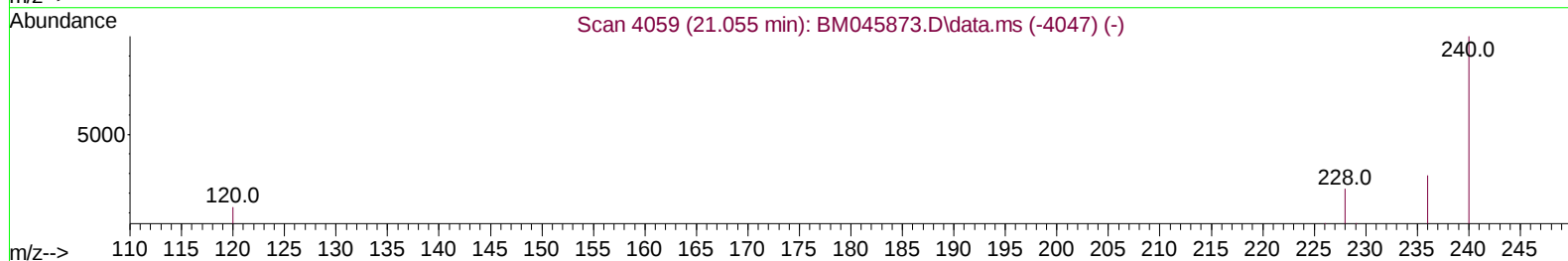
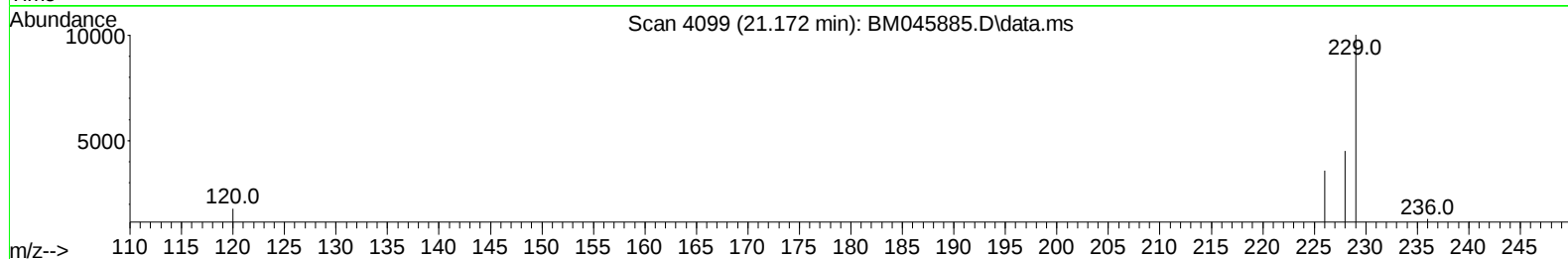
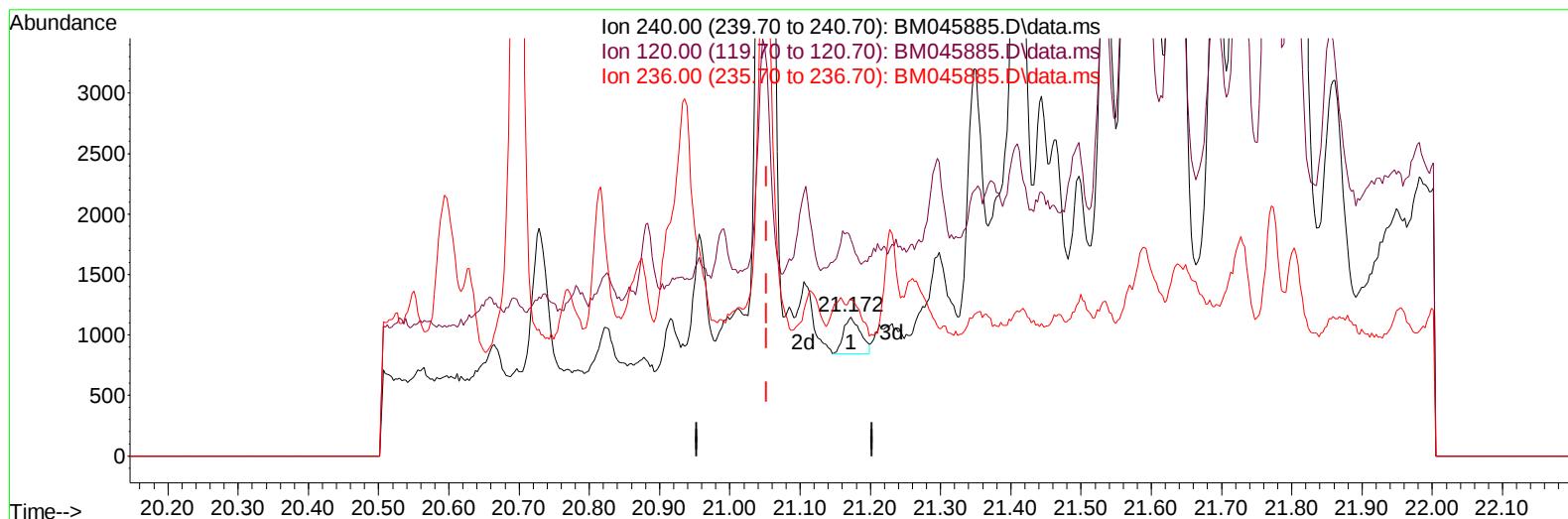
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(17) Chrysene-d12

21.172min (+ 0.120) 0.40 ng/u1

response 517

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	155.65#
236.00	29.50	112.70#
0.00	0.00	0.00

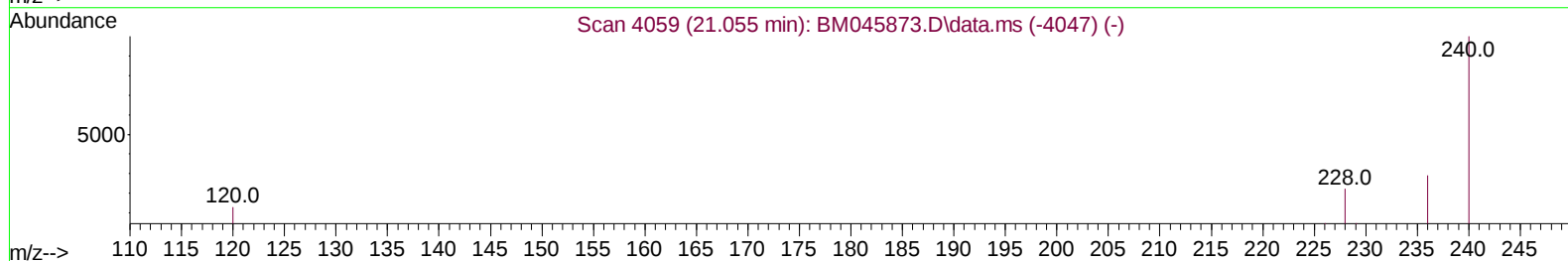
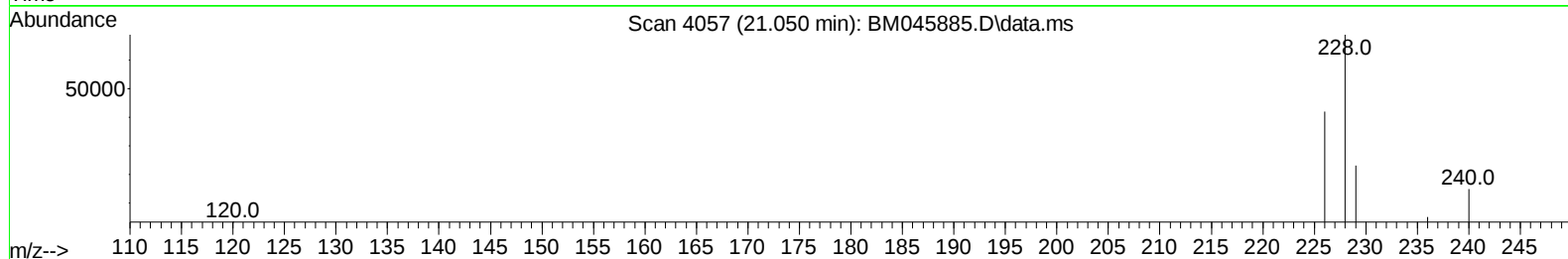
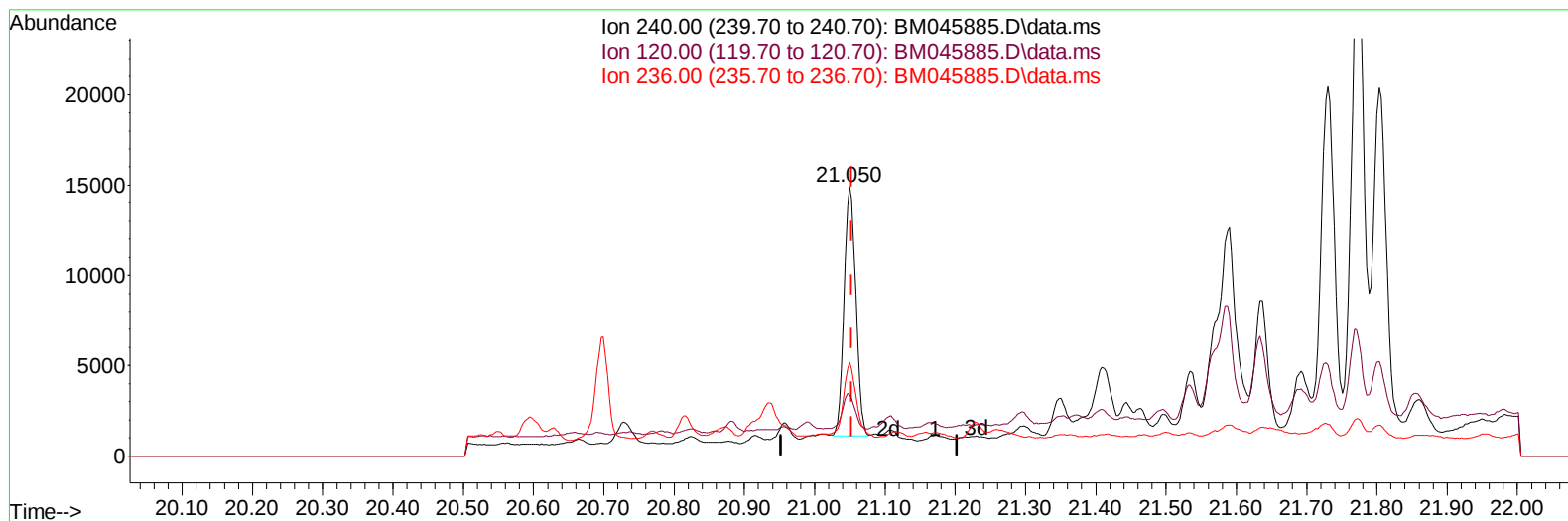
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

(17) Chrysene-d12

21.050min (-0.003) 0.40 ng/ul m

response 15902

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	22.74#
236.00	29.50	34.85
0.00	0.00	0.00

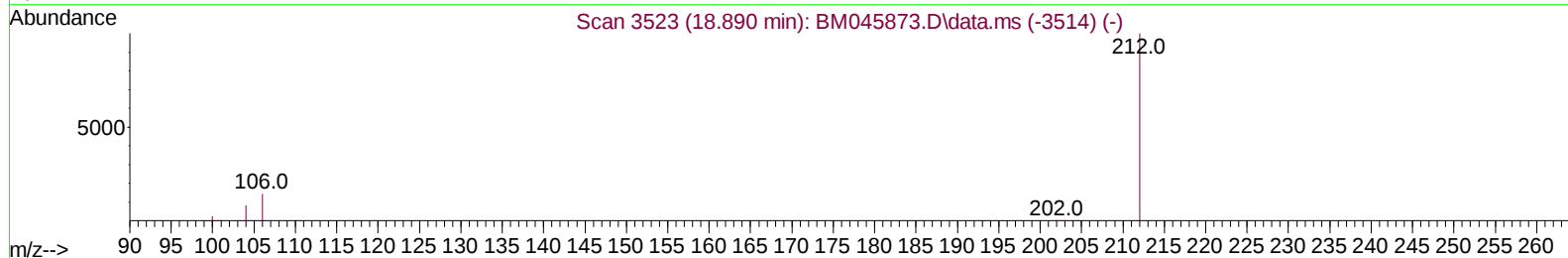
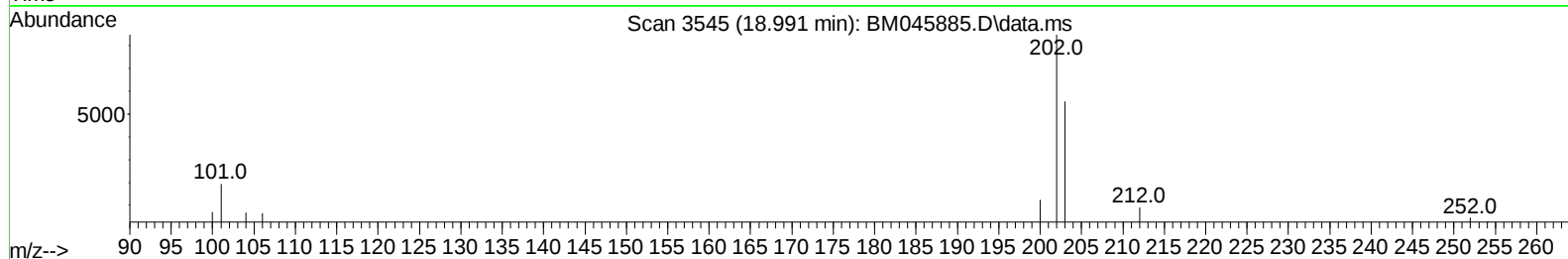
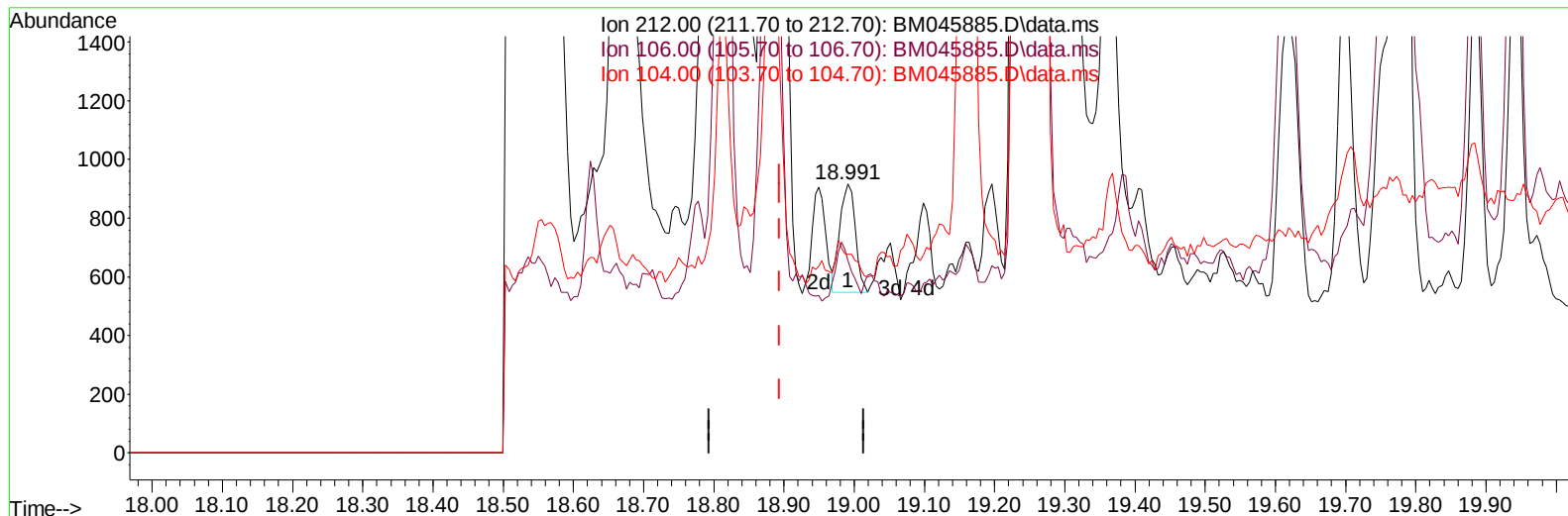
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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TIC: BM045885.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.991min (+ 0.097) 0.01 ng/u1

response 564

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.00	56.03#
104.00	8.70	33.33#
0.00	0.00	0.00

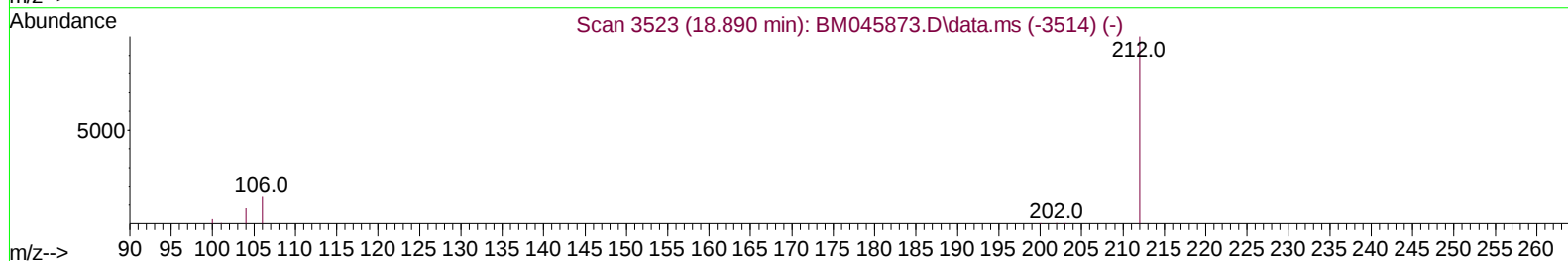
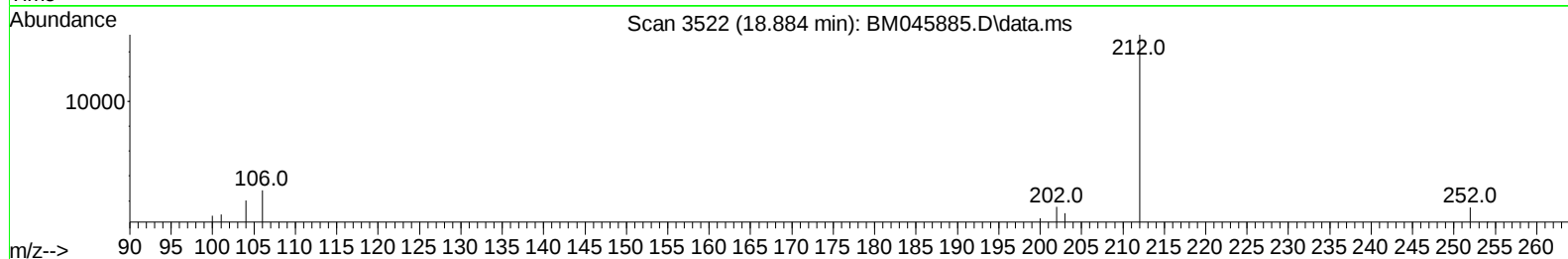
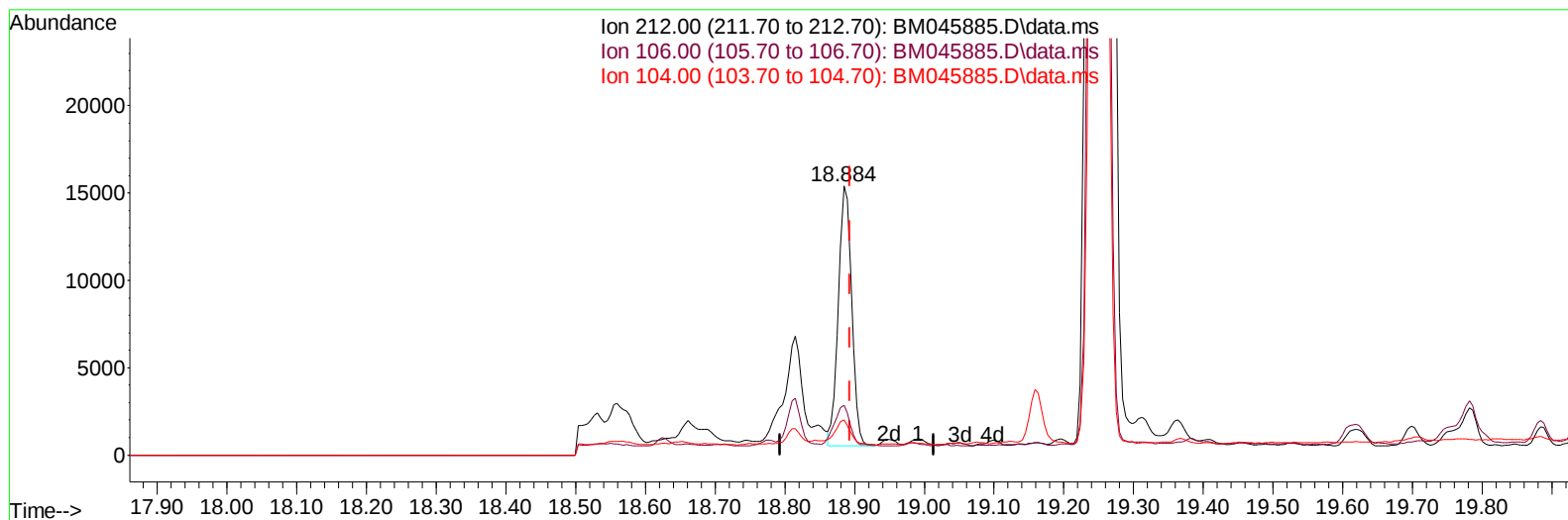
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.884min (-0.009) 0.41 ng/u1 m

response 19485

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.00	1.62#
104.00	8.70	0.96#
0.00	0.00	0.00

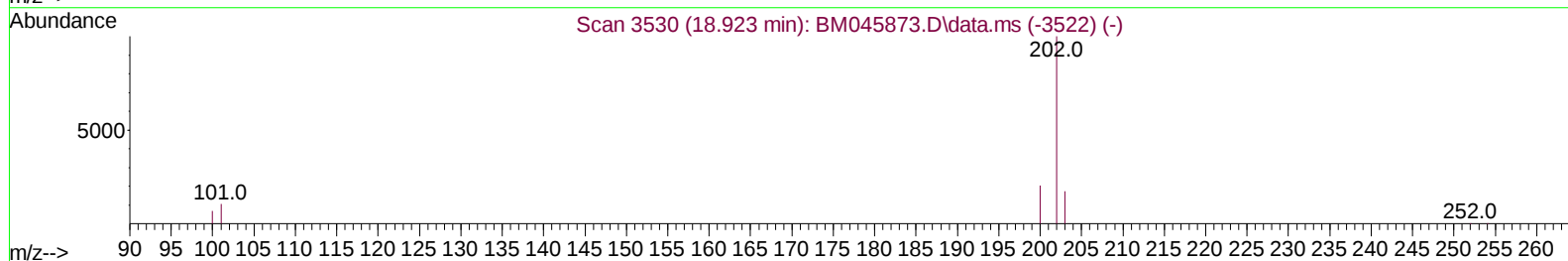
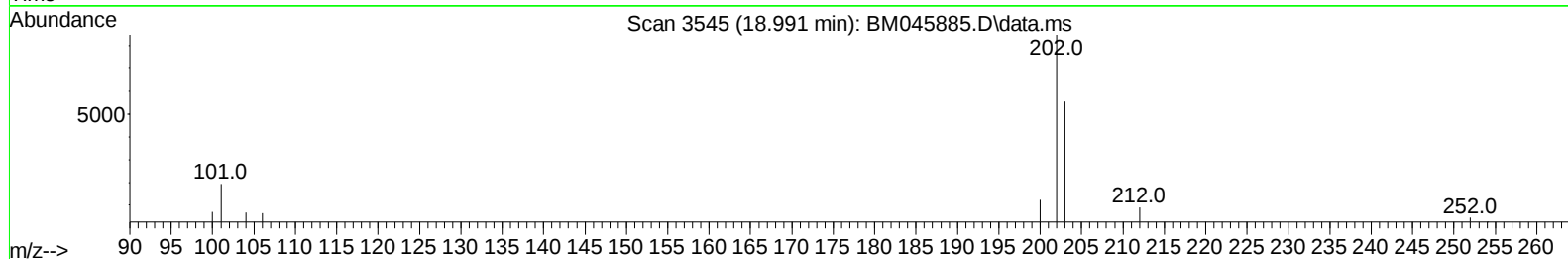
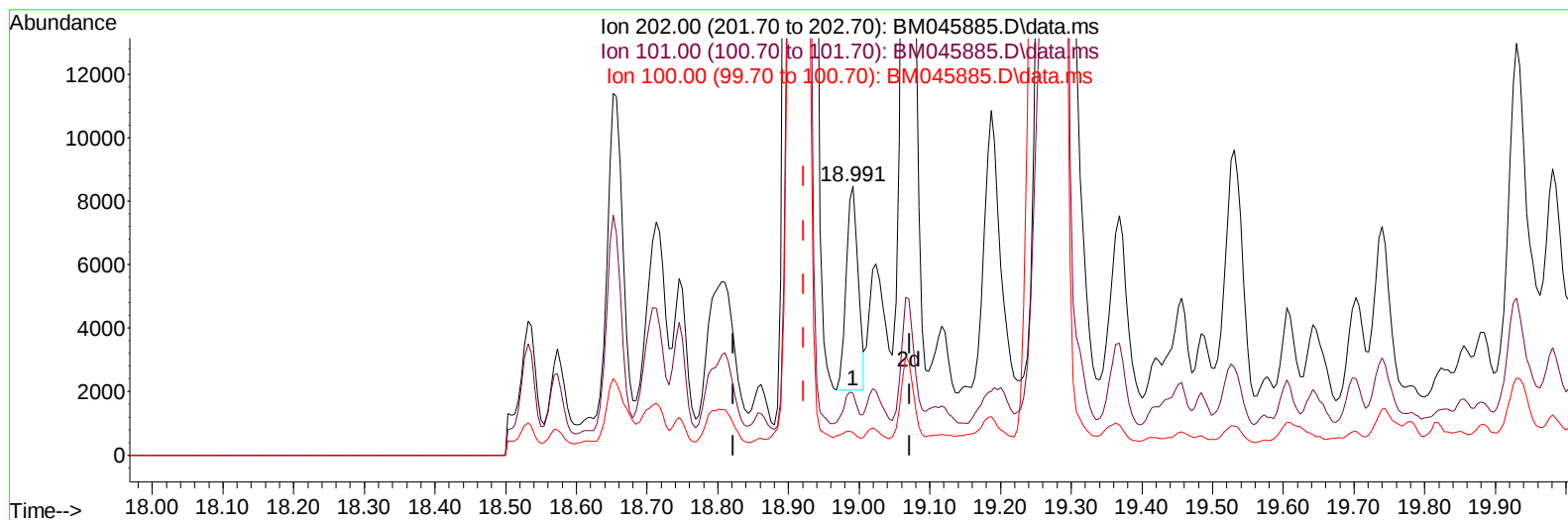
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 2024
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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(19) Fluoranthene (C)

18.991min (+ 0.070) 0.12 ng/u1

response 7546

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	22.96#
100.00	8.80	8.40
0.00	0.00	0.00

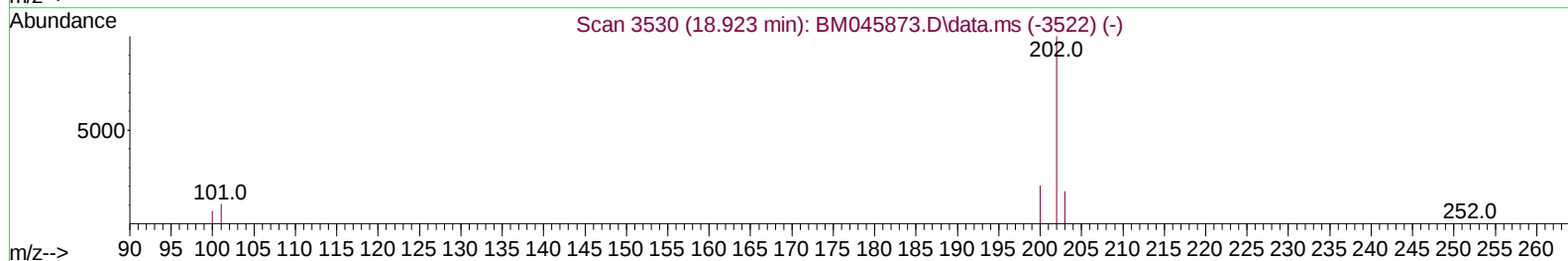
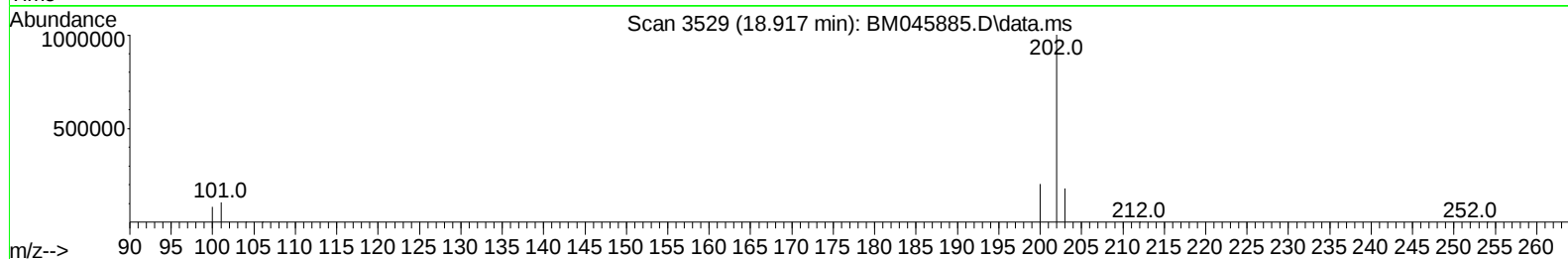
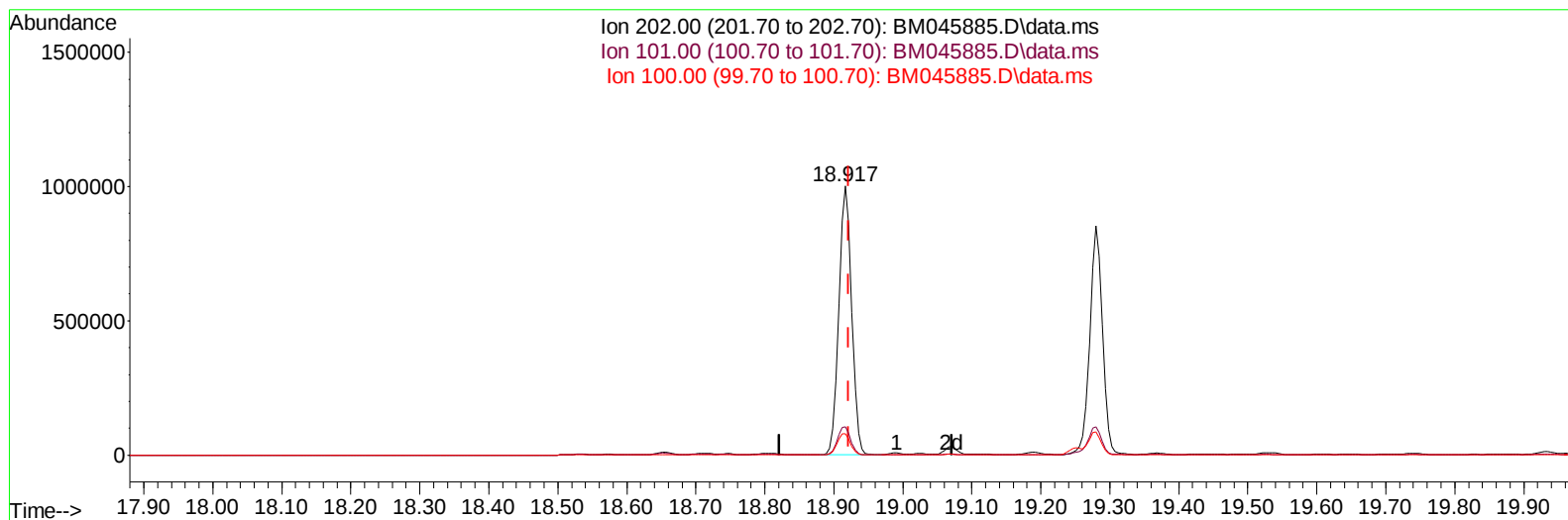
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(19) Fluoranthene (C)

18.917min (-0.005) 20.16 ng/ul m

response 1278183

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	10.54
100.00	8.80	8.04
0.00	0.00	0.00

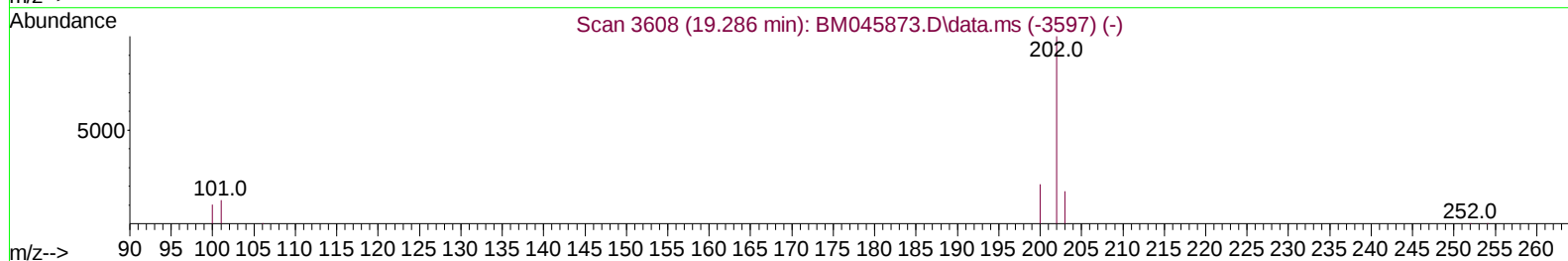
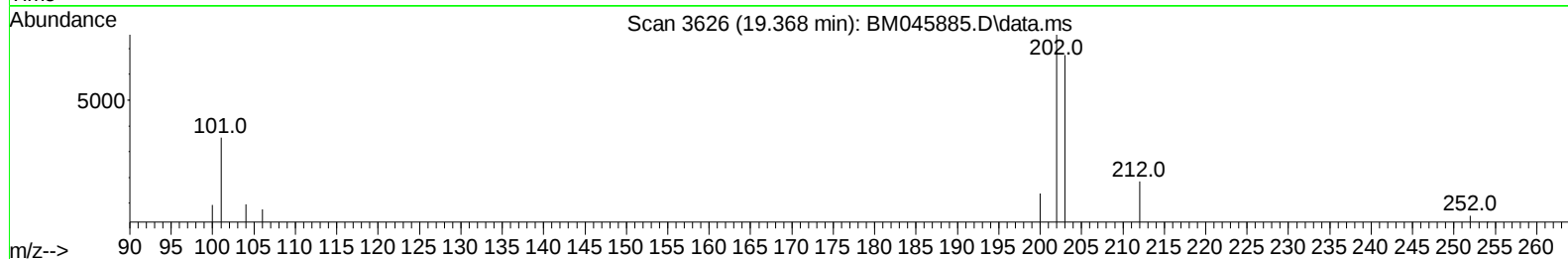
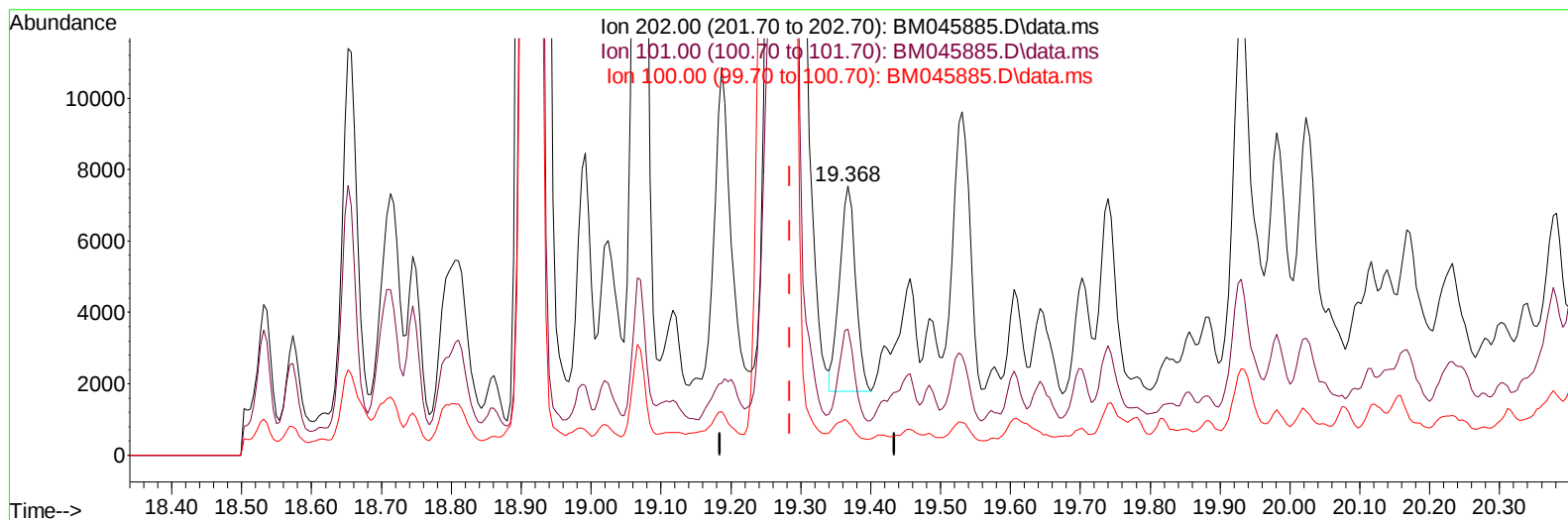
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(20) Pyrene

19.368min (+ 0.084) 0.14 ng/u1

response 9083

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	46.90#
100.00	11.40	12.48
0.00	0.00	0.00

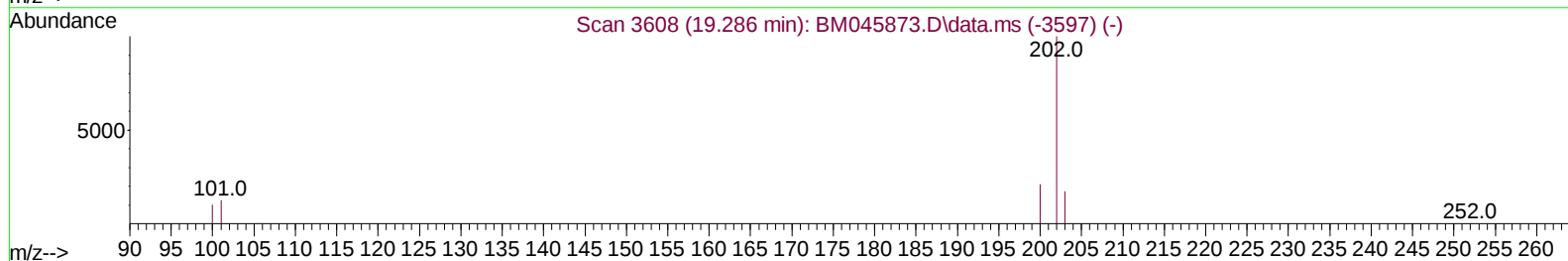
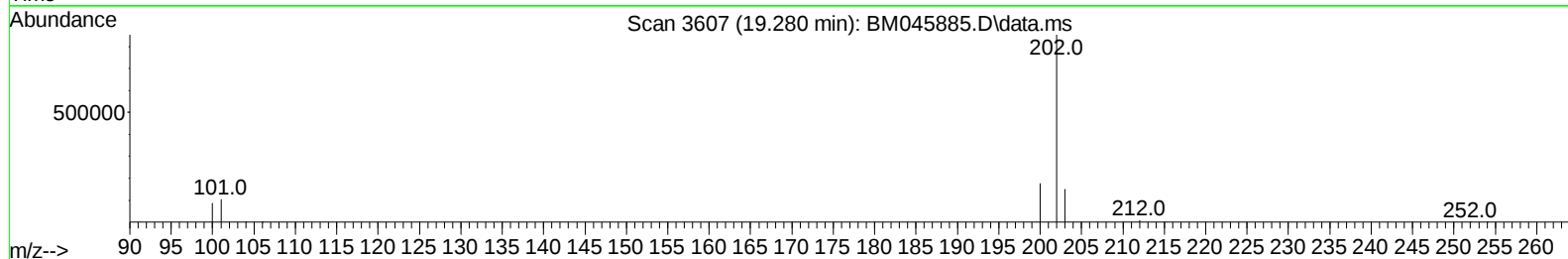
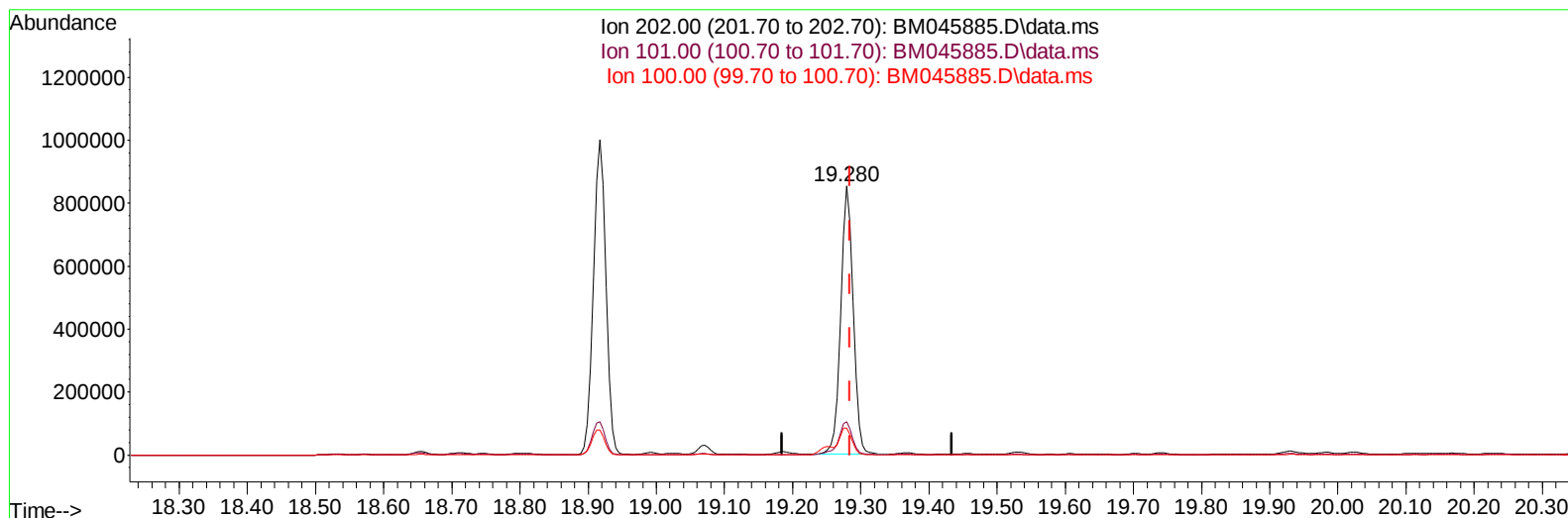
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

(20) Pyrene

19.280min (-0.005) 16.37 ng/ul m

response 1082691

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	12.37
100.00	11.40	10.12
0.00	0.00	0.00

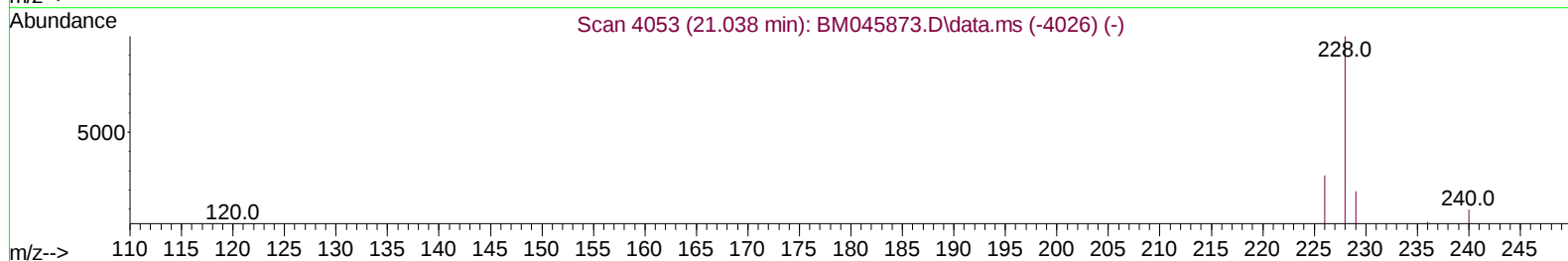
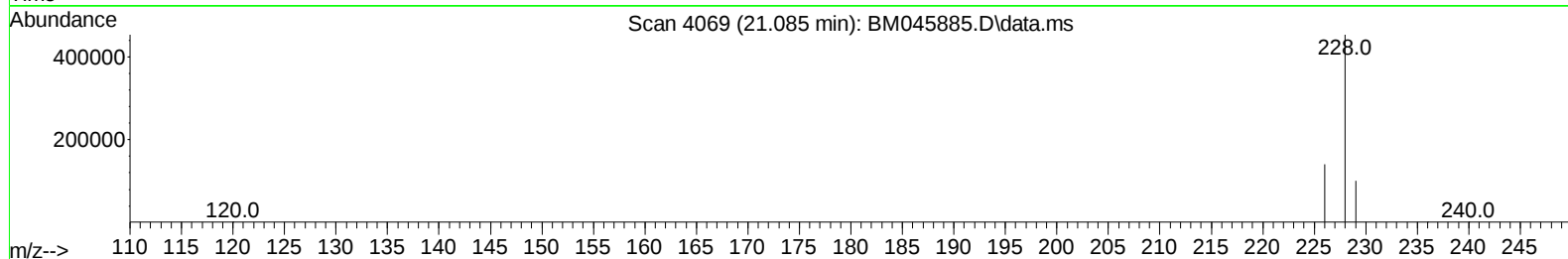
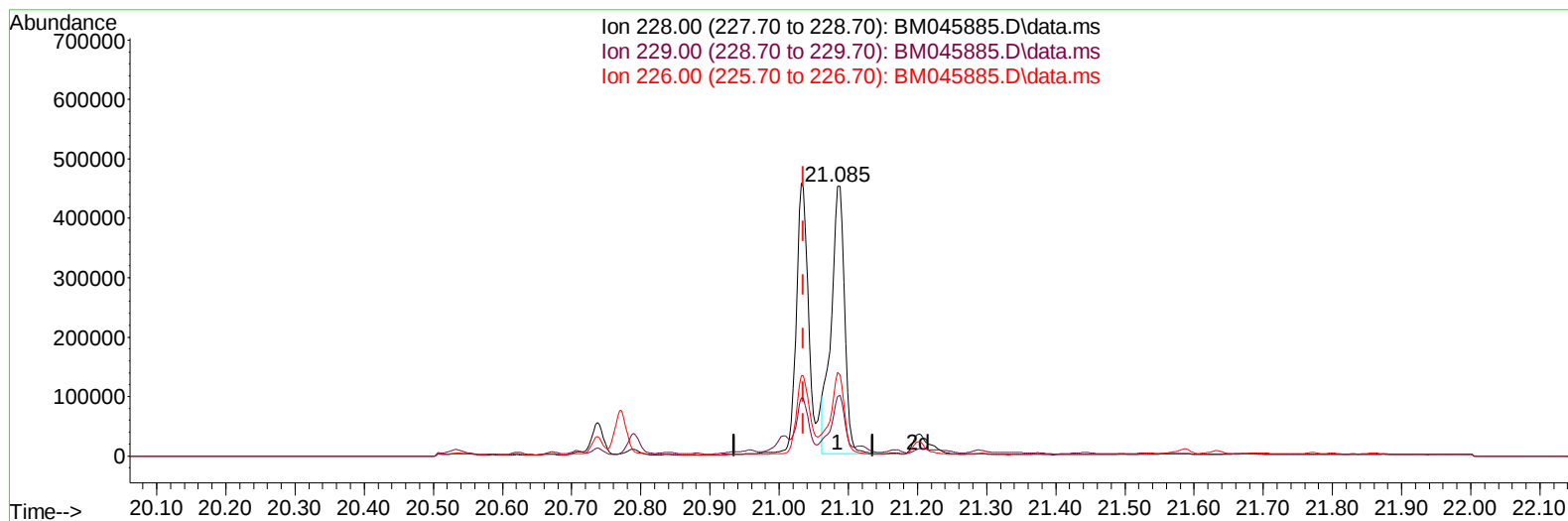
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

(21) Benzo(a)anthracene

21.085min (+ 0.049) 10.46 ng/u1

response 610514

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.06
226.00	27.50	30.92
0.00	0.00	0.00

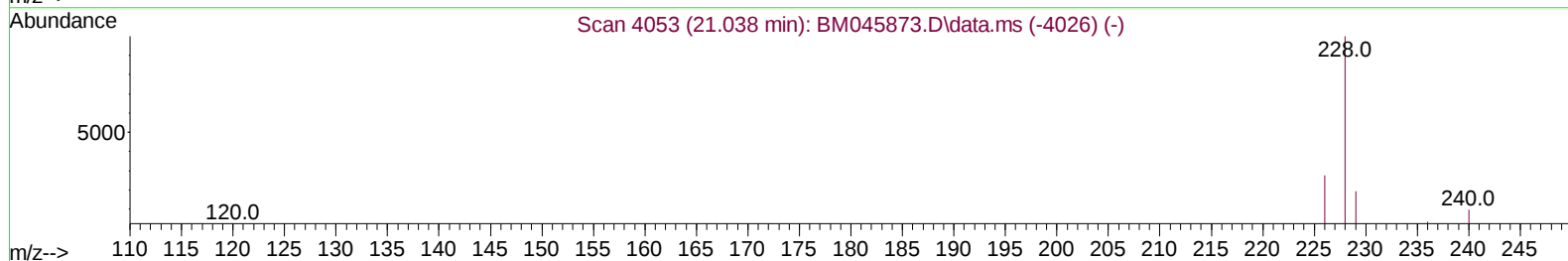
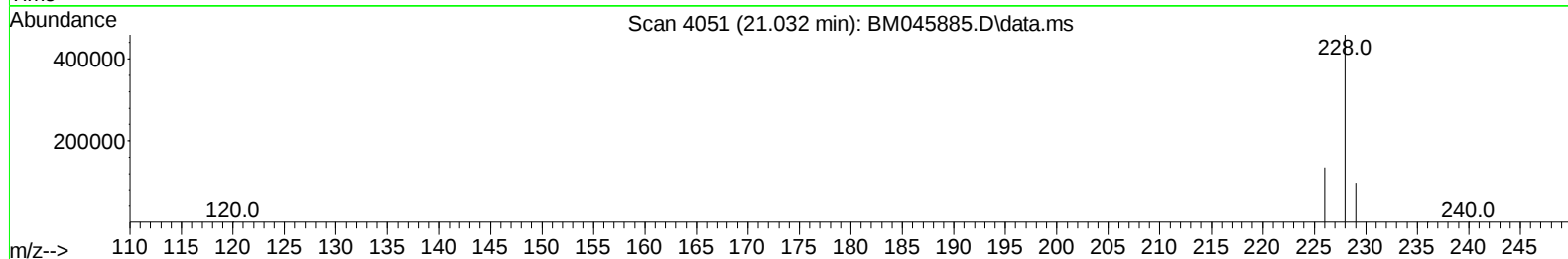
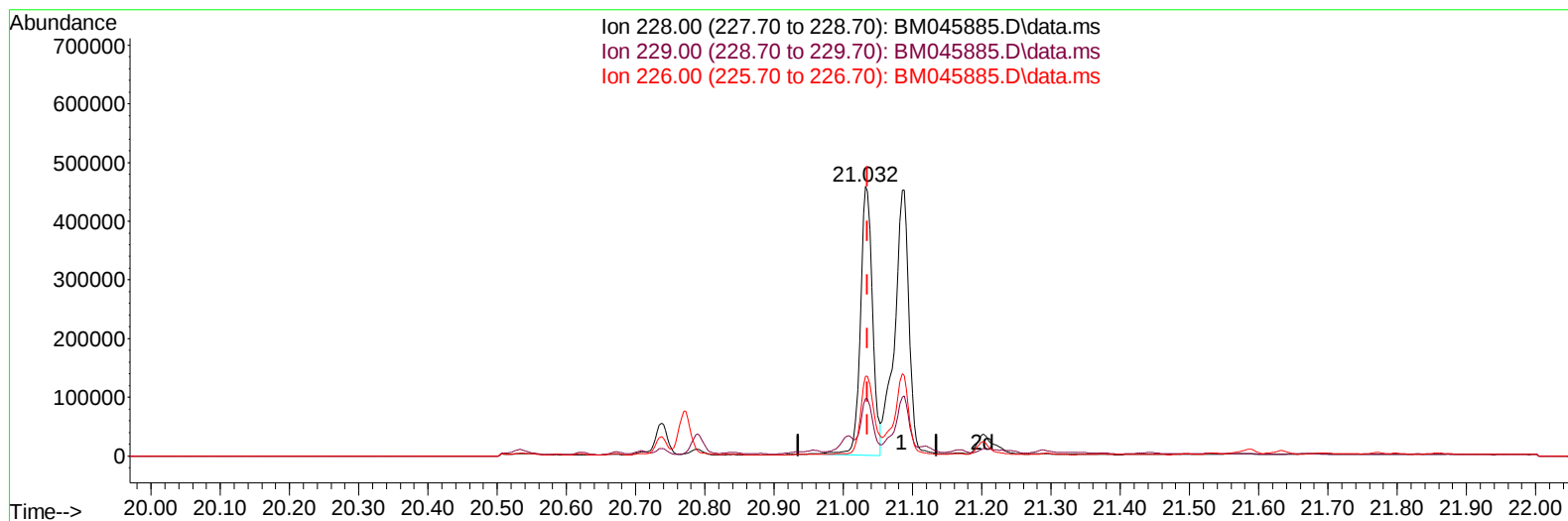
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

(21) Benzo(a)anthracene

21.032min (-0.003) 9.53 ng/u1 m

response 556512

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.37
226.00	27.50	29.50
0.00	0.00	0.00

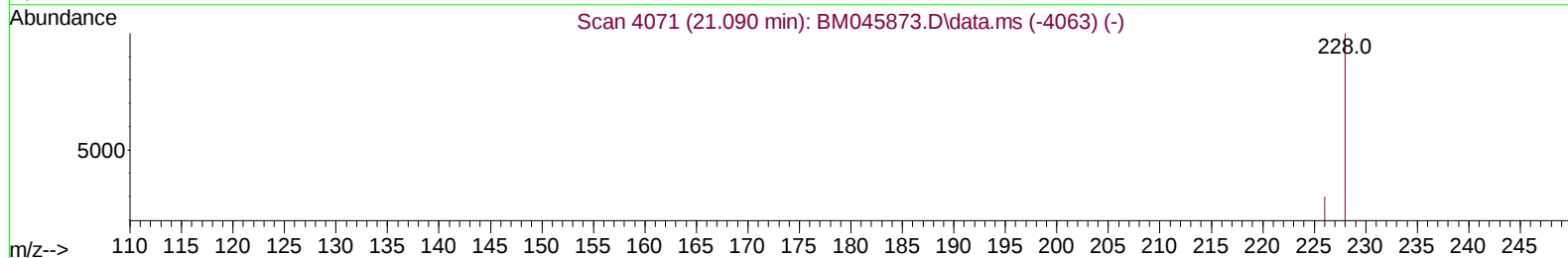
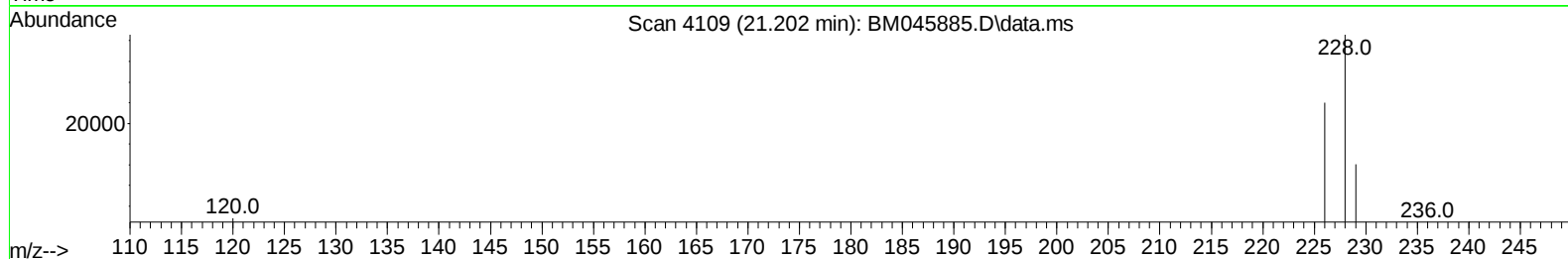
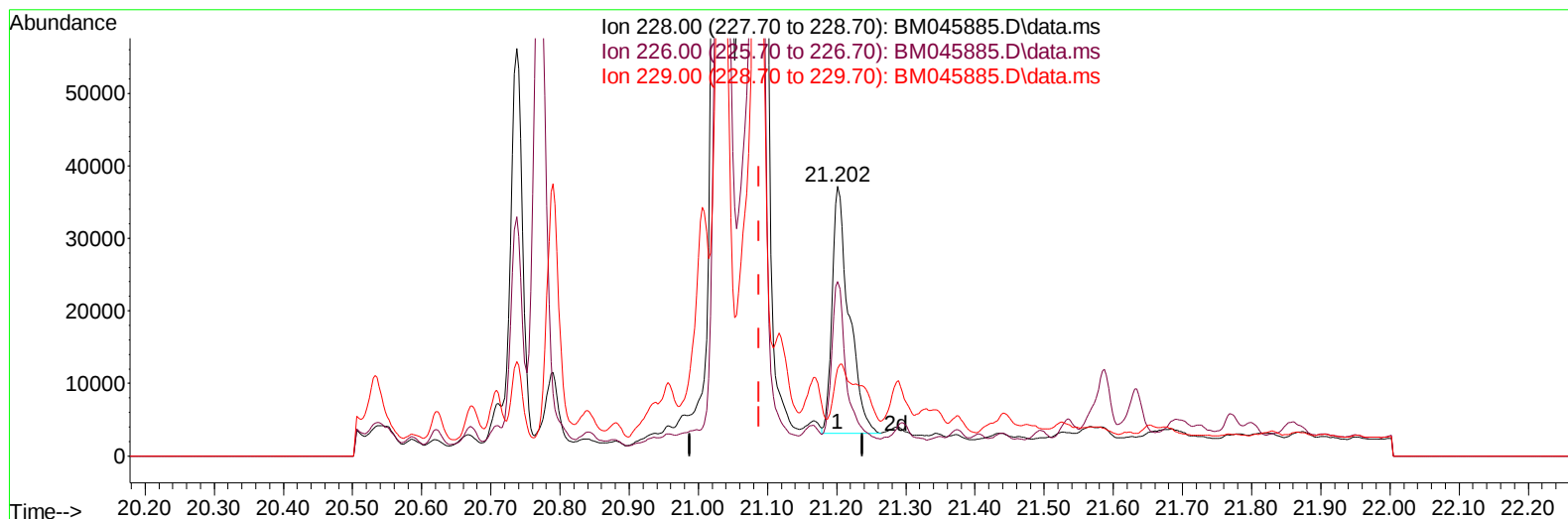
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

(22) Chrysene

21.202min (+ 0.114) 0.90 ng/u1

response 57217

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	64.68#
229.00	20.20	32.47#
0.00	0.00	0.00

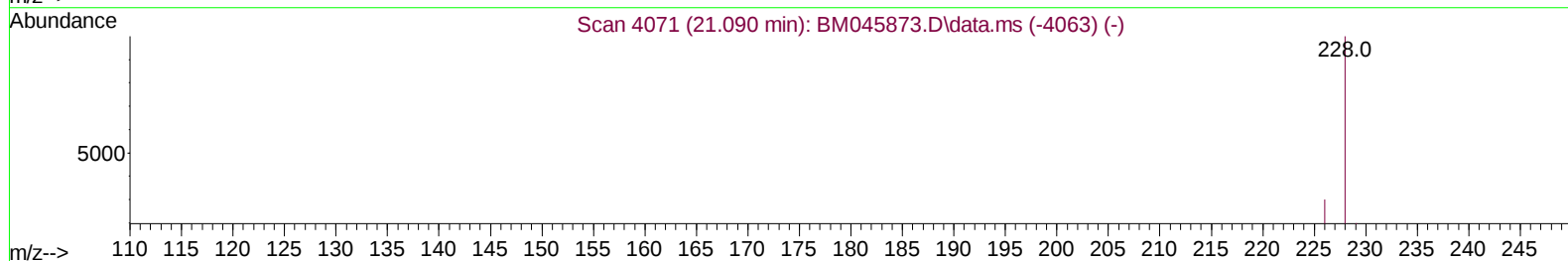
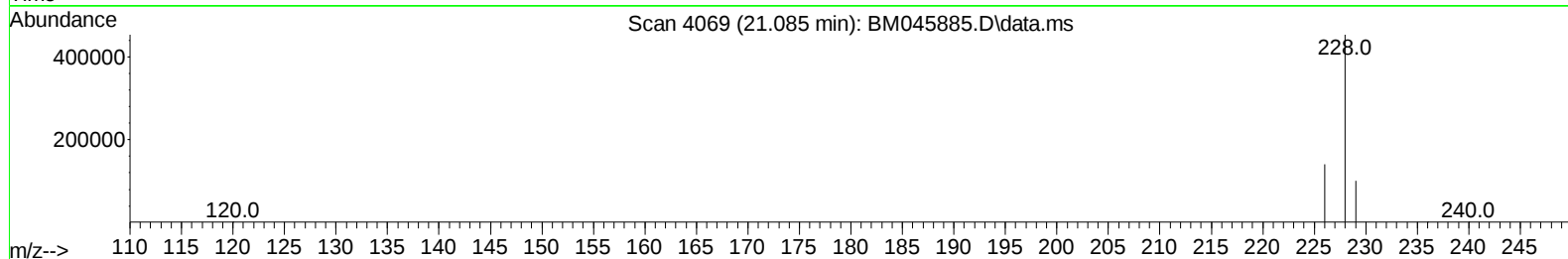
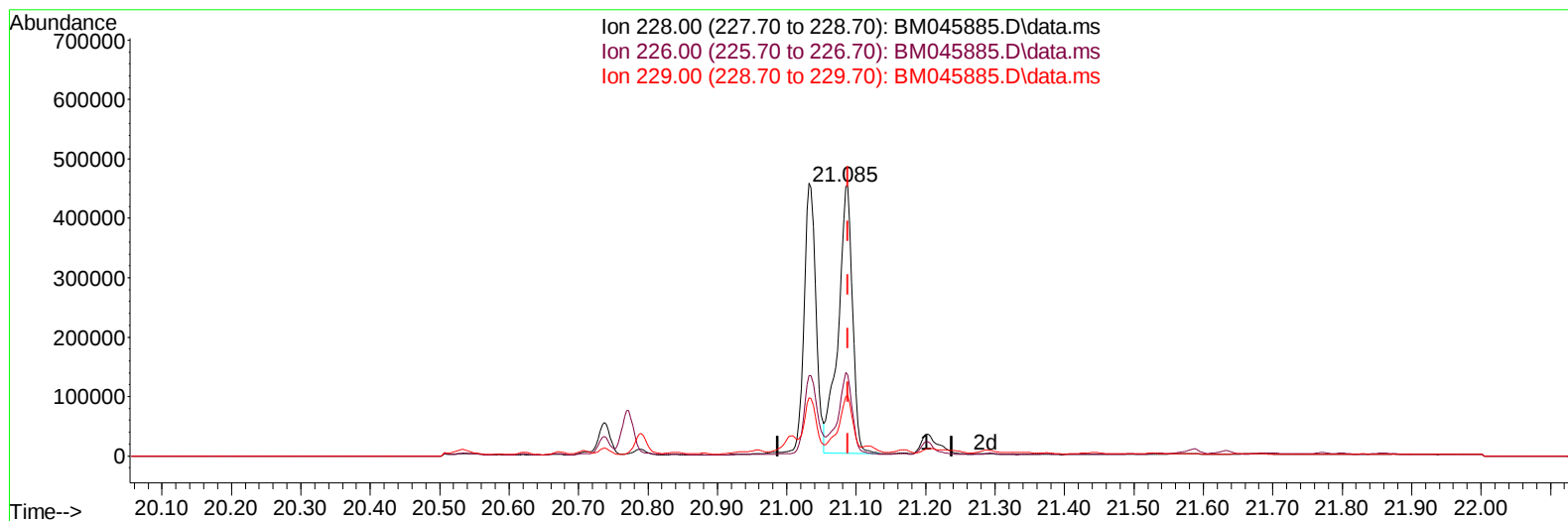
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(22) Chrysene

21.085min (-0.003) 10.16 ng/ul m

response 645891

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	30.92
229.00	20.20	22.06
0.00	0.00	0.00

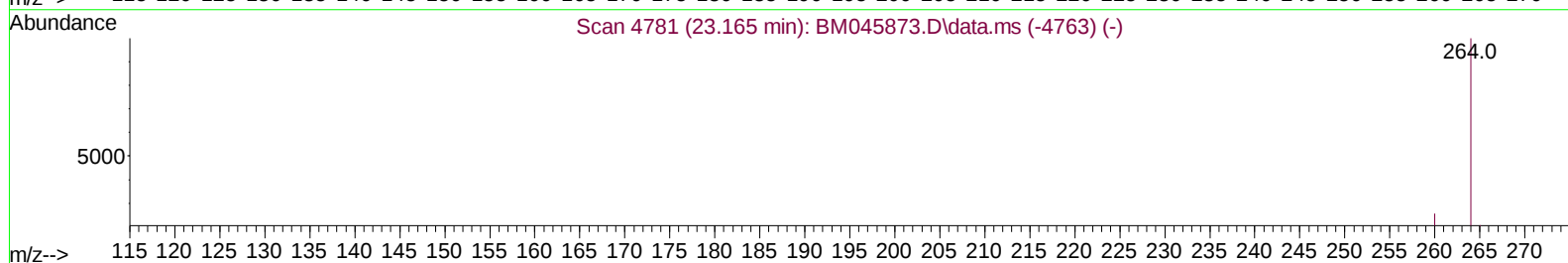
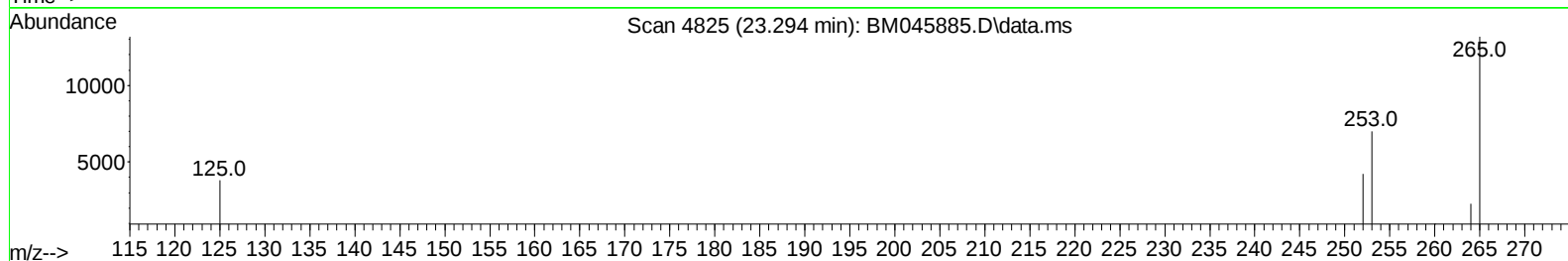
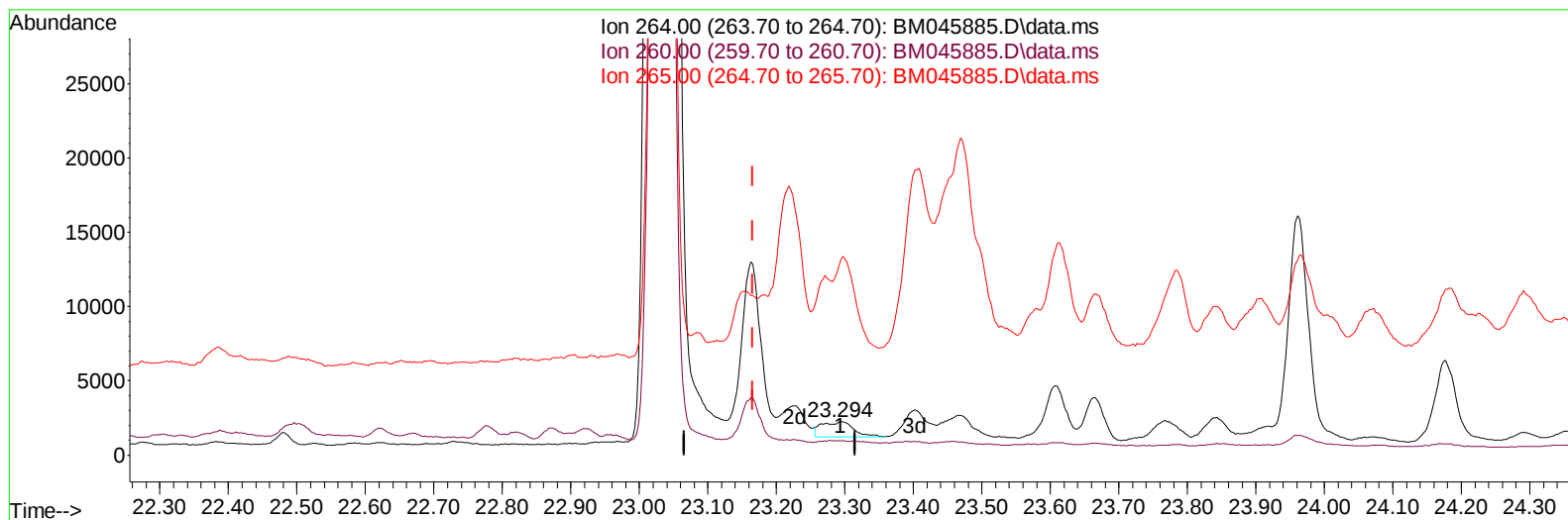
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

(23) Perylene-d12 (I)

23.294min (+ 0.128) 0.40 ng/u1

response 3446

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	41.99#
265.00	76.60	581.85#
0.00	0.00	0.00

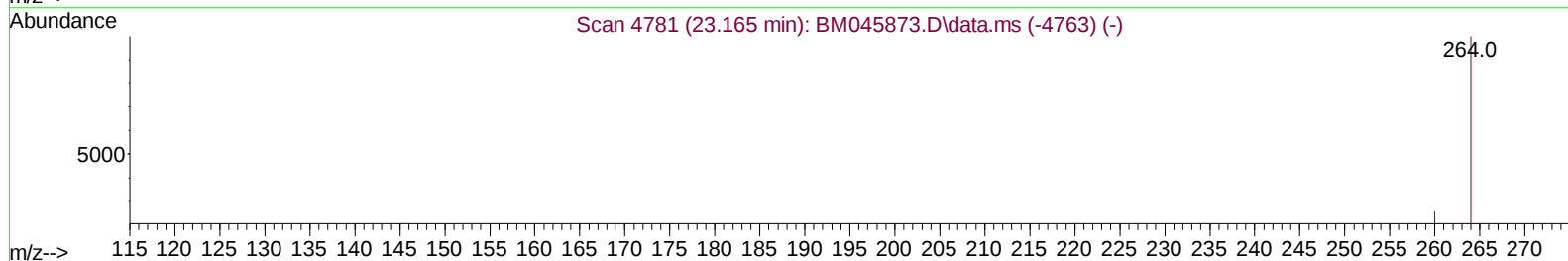
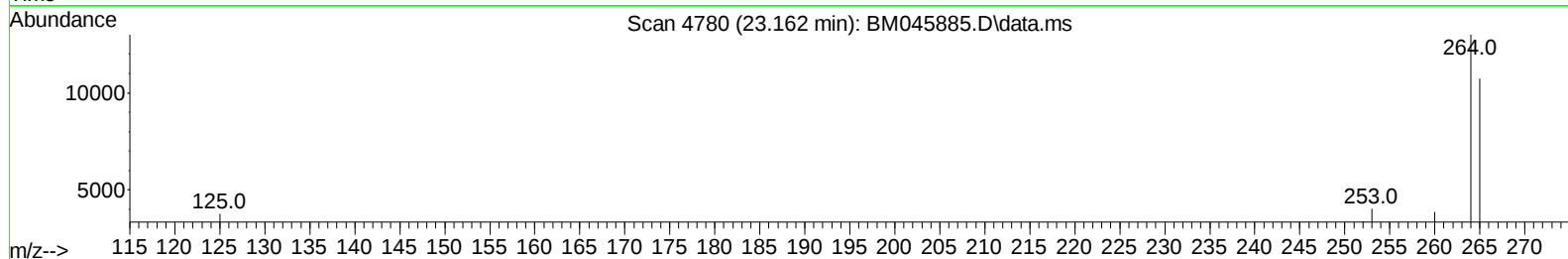
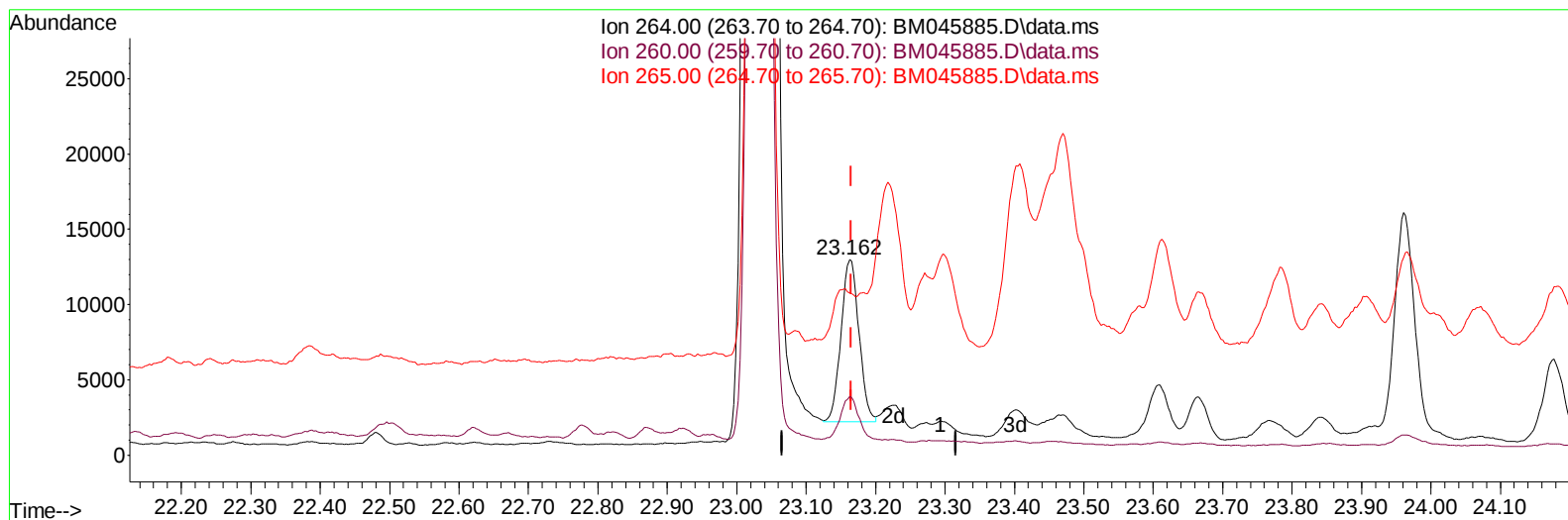
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

(23) Perylene-d12 (I)

23.162min (-0.003) 0.40 ng/ul m

response 19281

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	29.93
265.00	76.60	82.73
0.00	0.00	0.00

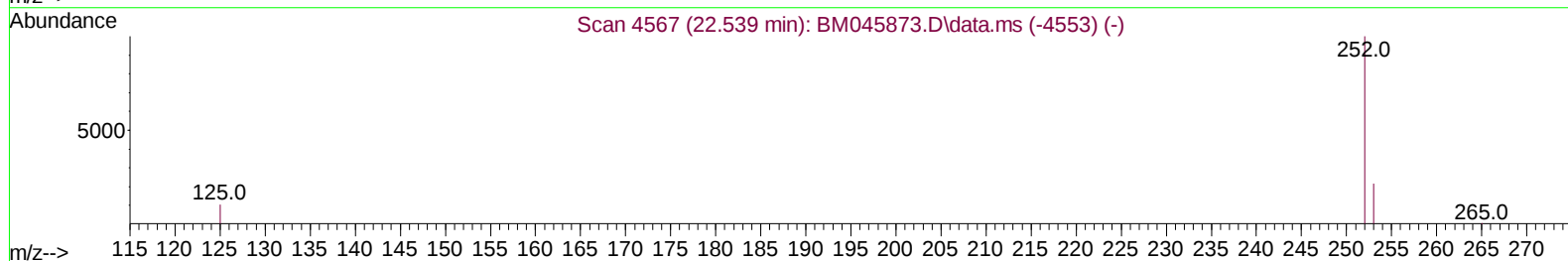
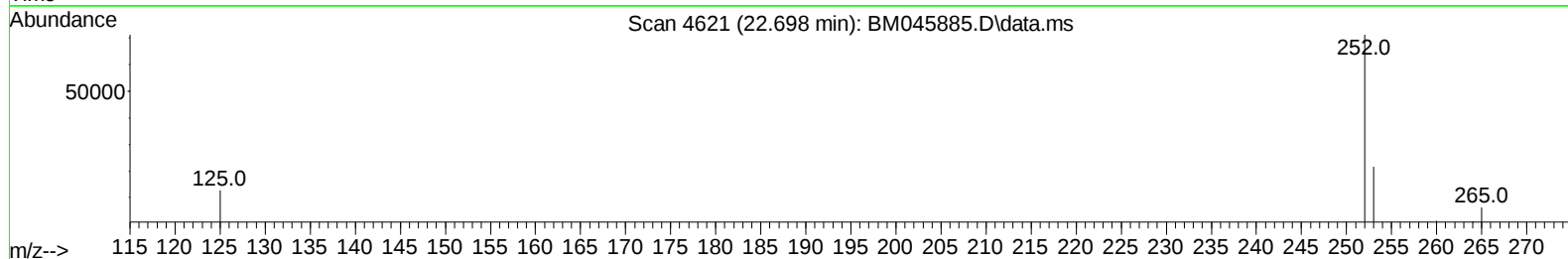
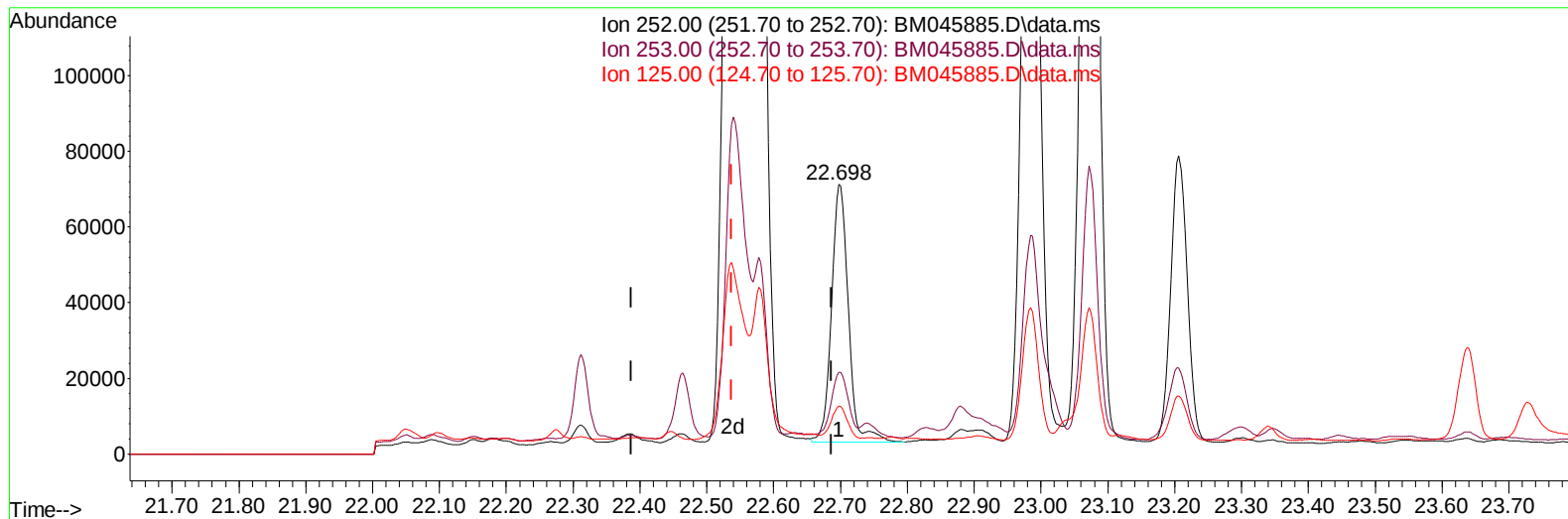
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

(24) Benzo(b)fluoranthene

22.698min (+ 0.161) 1.88 ng/u1

response 120054

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	30.26
125.00	17.90	17.86
0.00	0.00	0.00

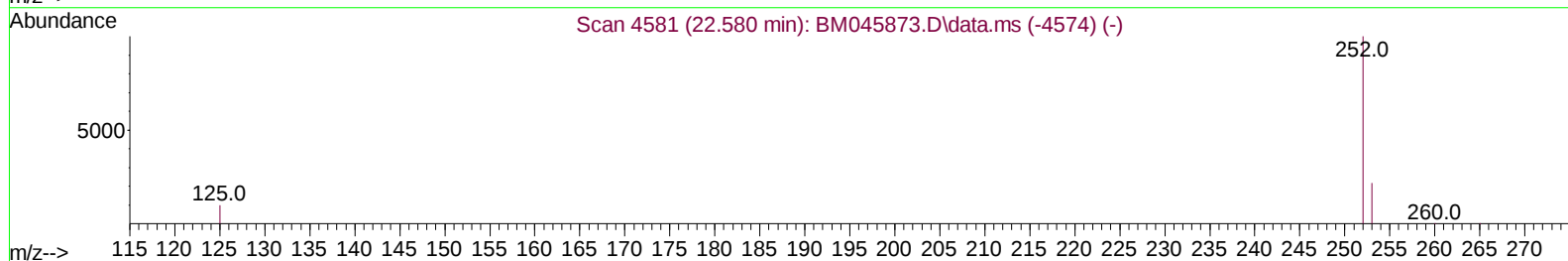
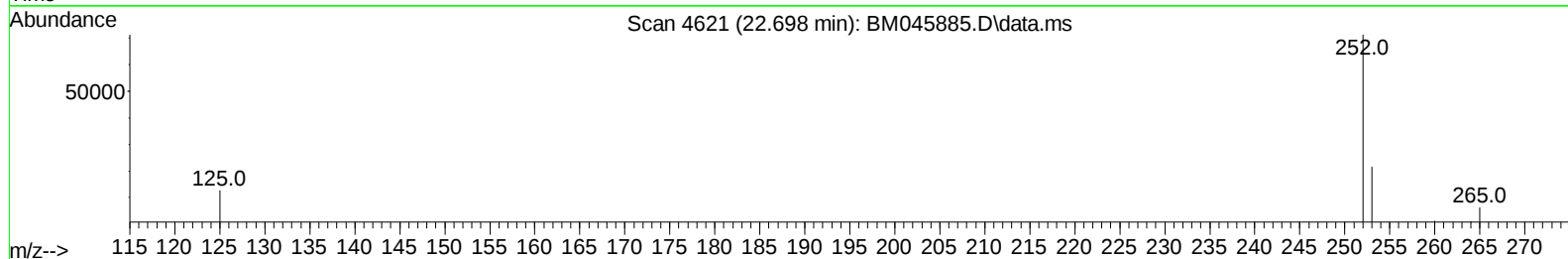
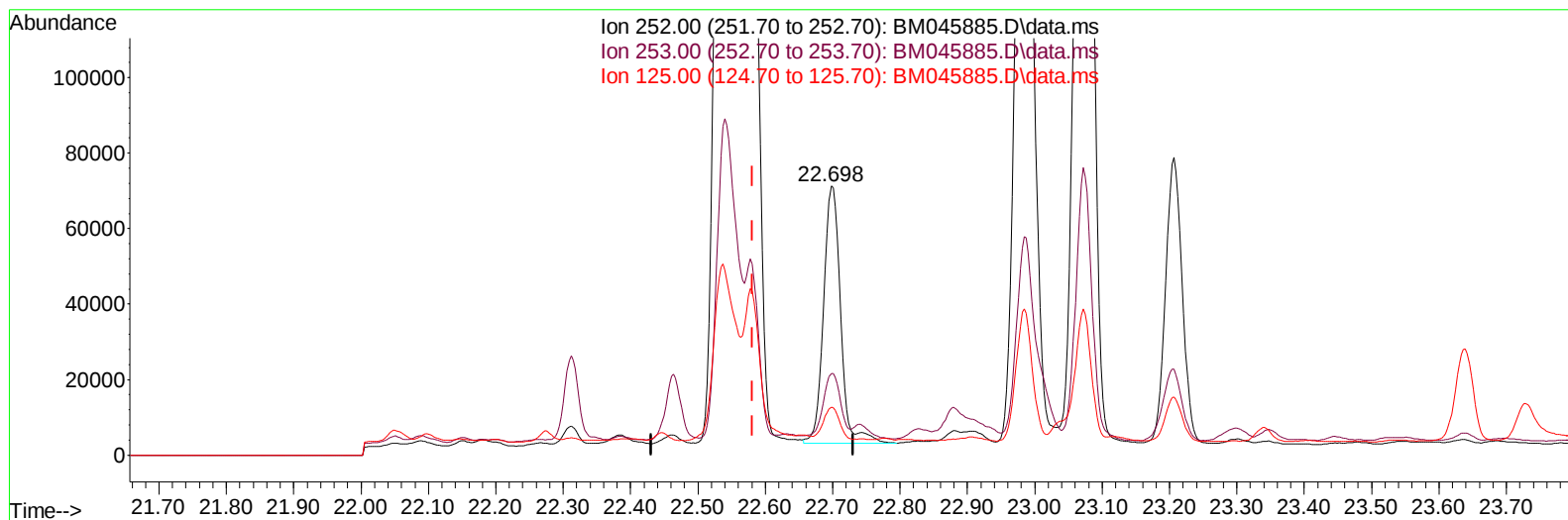
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(25) Benzo(k)fluoranthene

22.698min (+ 0.117) 1.71 ng/u1

response 120054

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	30.26
125.00	17.70	17.86
0.00	0.00	0.00

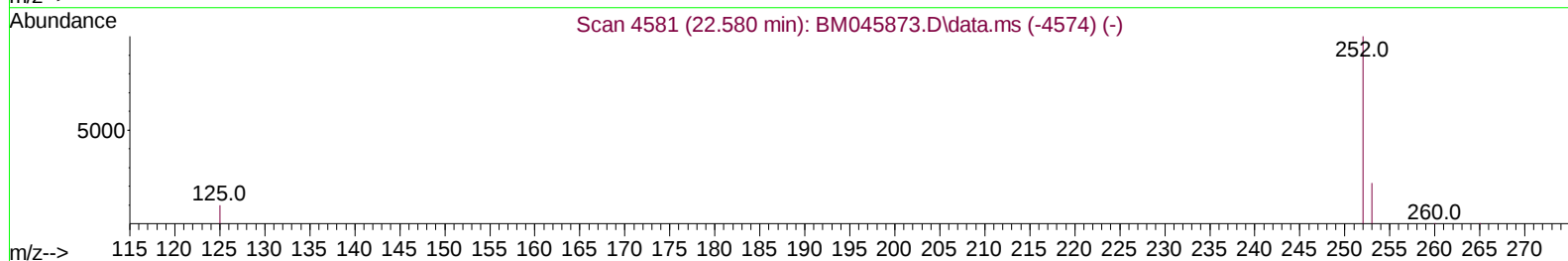
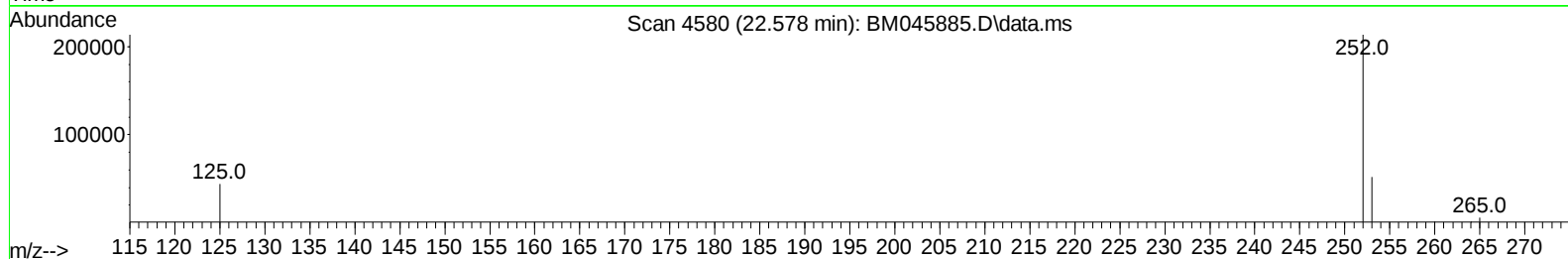
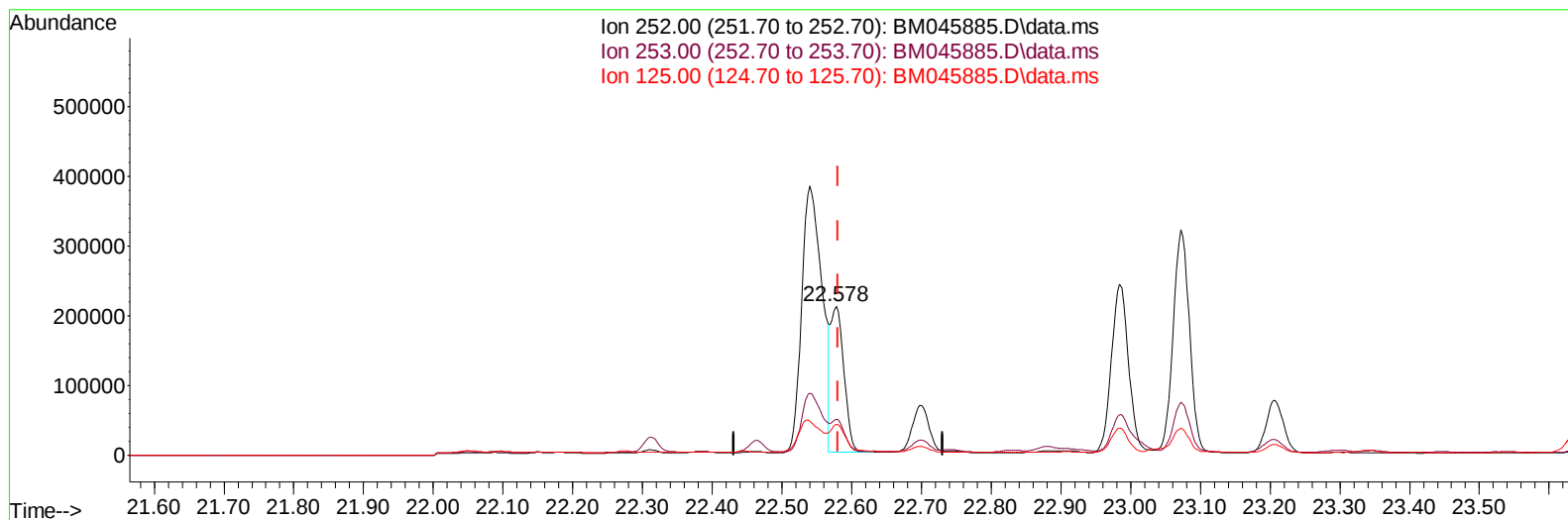
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(25) Benzo(k)fluoranthene

22.578min (-0.003) 4.05 ng/u1 m

response 284836

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	24.34#
125.00	17.70	20.68
0.00	0.00	0.00

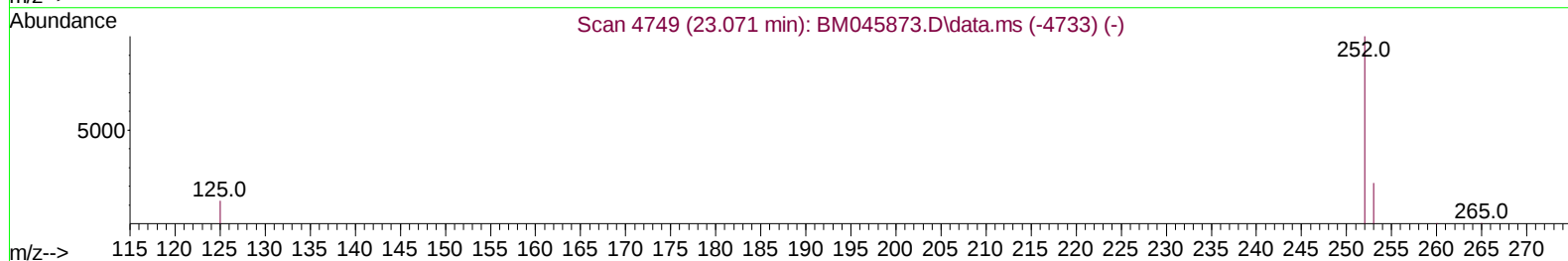
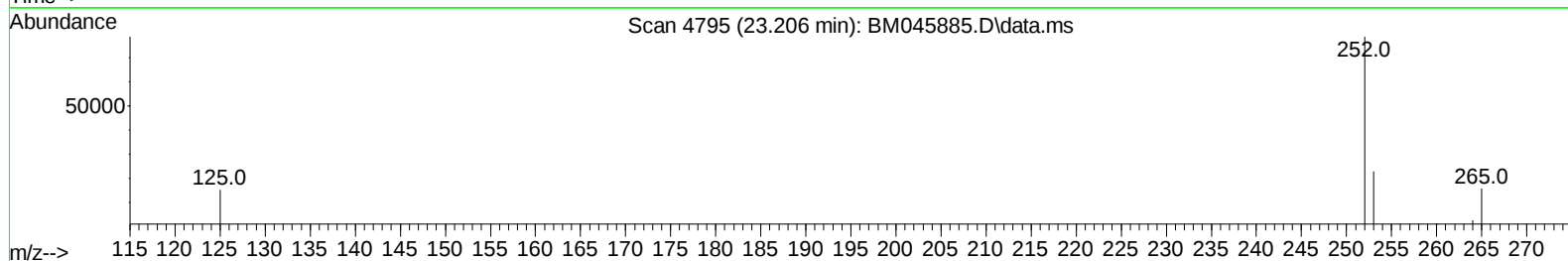
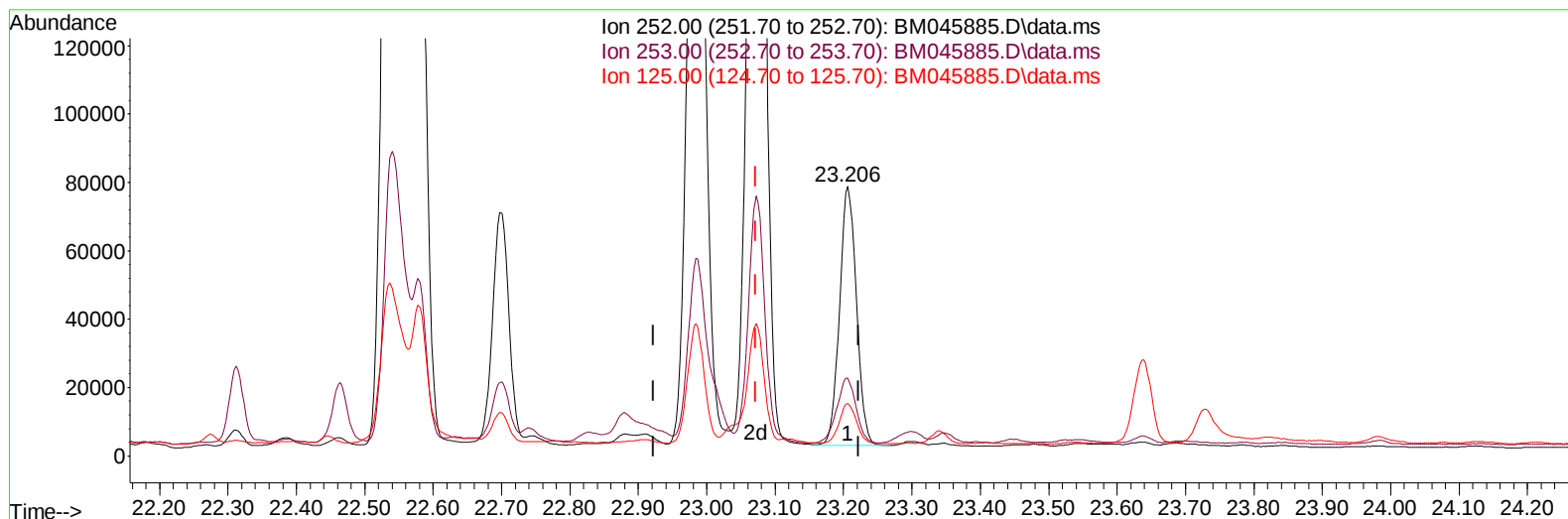
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045885.D
 Acq On : 07 Jun 2024 16:45
 Operator : MA/JU
 Sample : P2586-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
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Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(26) Benzo(a)pyrene (C)

23.206min (+ 0.134) 2.05 ng/u1

response 130379

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	28.97
125.00	21.60	19.47
0.00	0.00	0.00

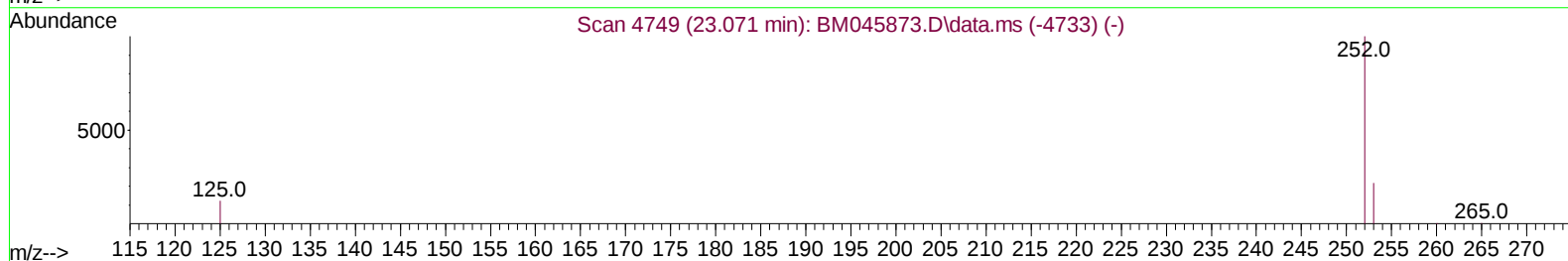
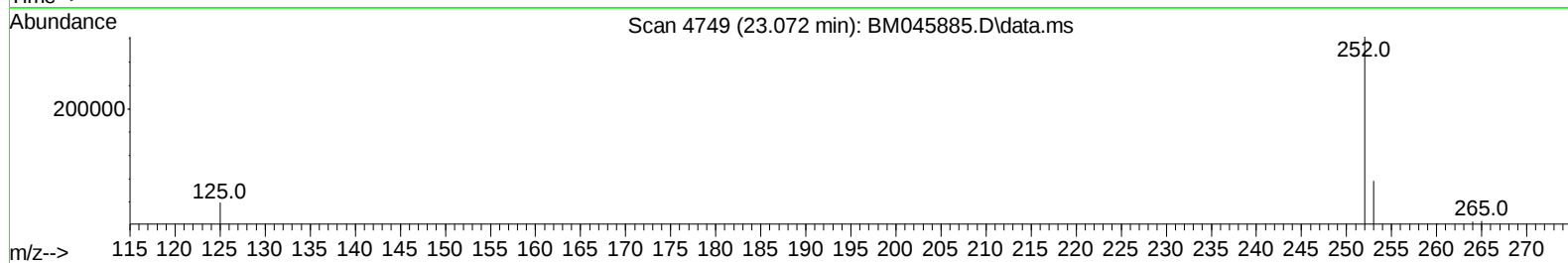
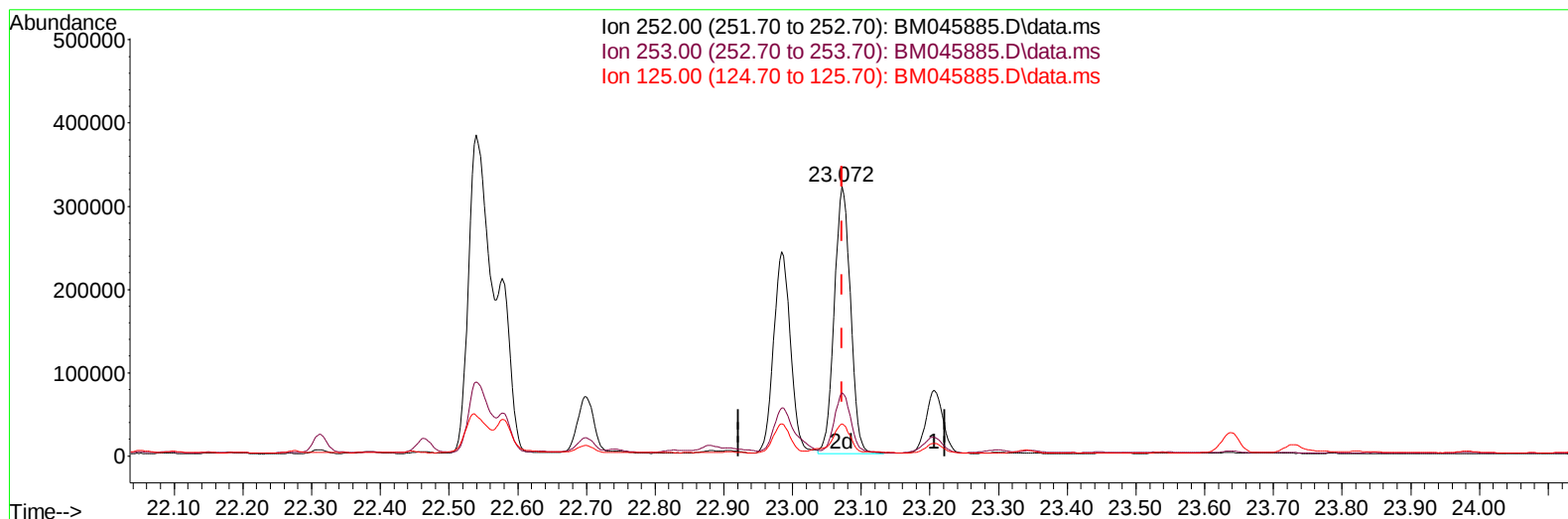
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

(26) Benzo(a)pyrene (C)

23.072min (-0.000) 8.26 ng/u1 m

response 525241

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	23.52#
125.00	21.60	11.94#
0.00	0.00	0.00

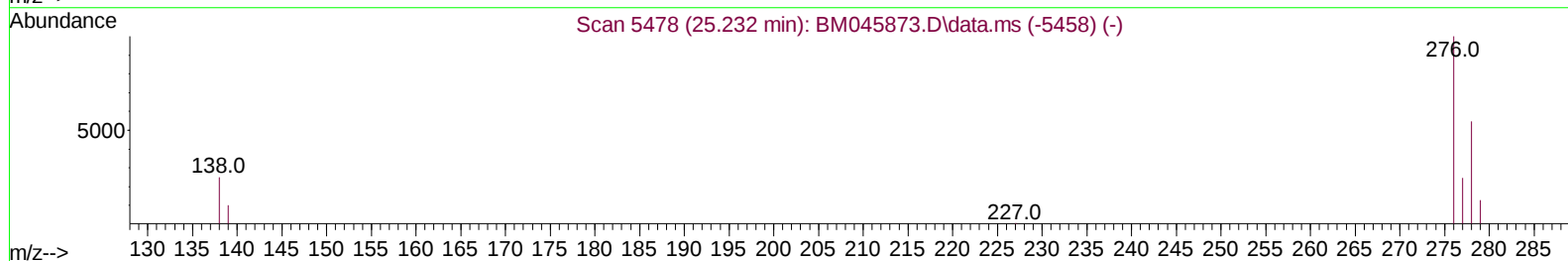
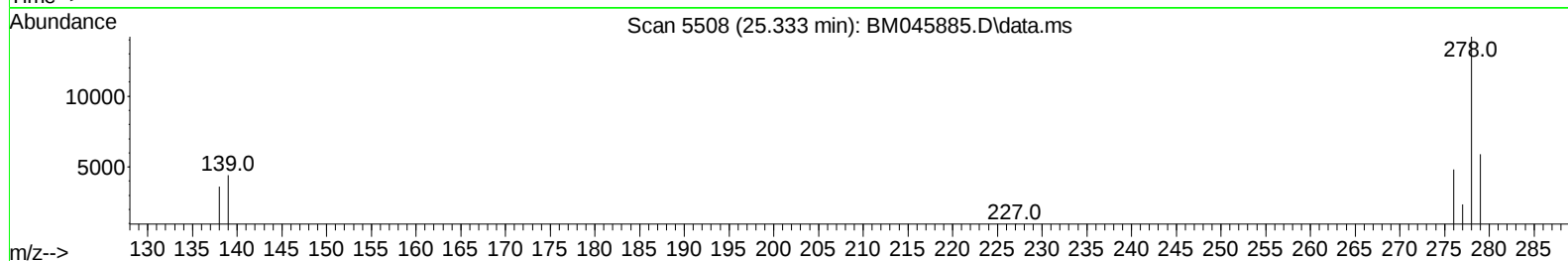
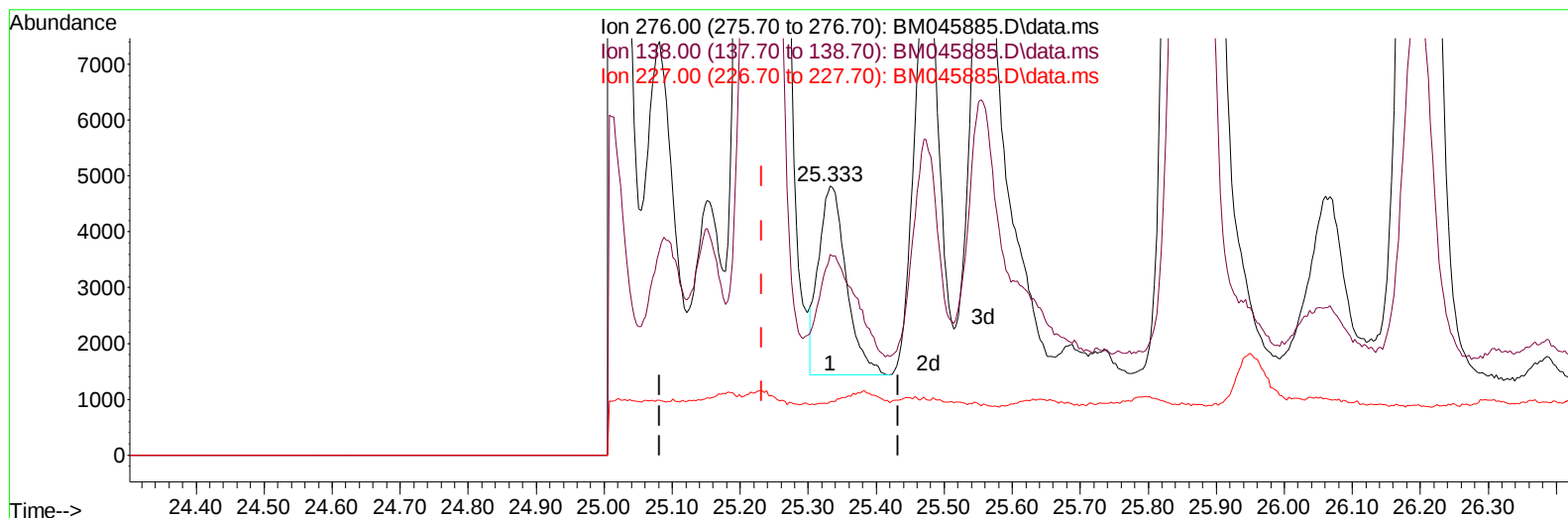
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 2024
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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

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

25.333min (+ 0.100) 0.12 ng/u1

response 9627

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	70.23#
227.00	0.20	0.00#
0.00	0.00	0.00

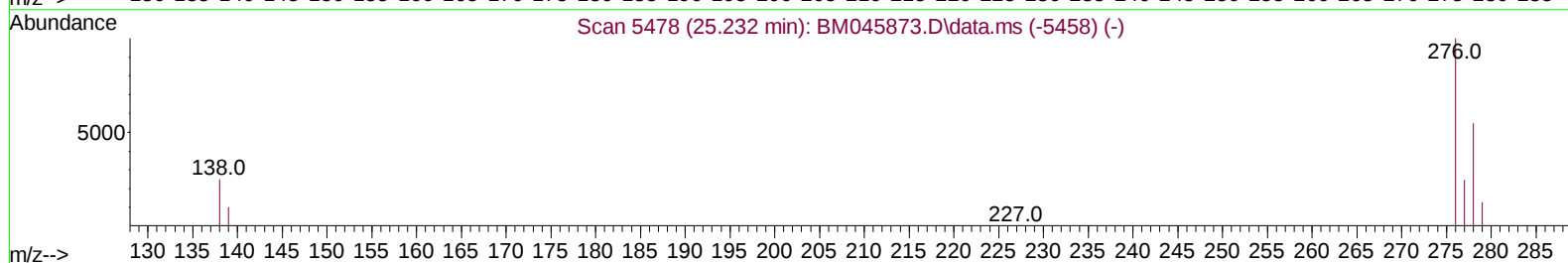
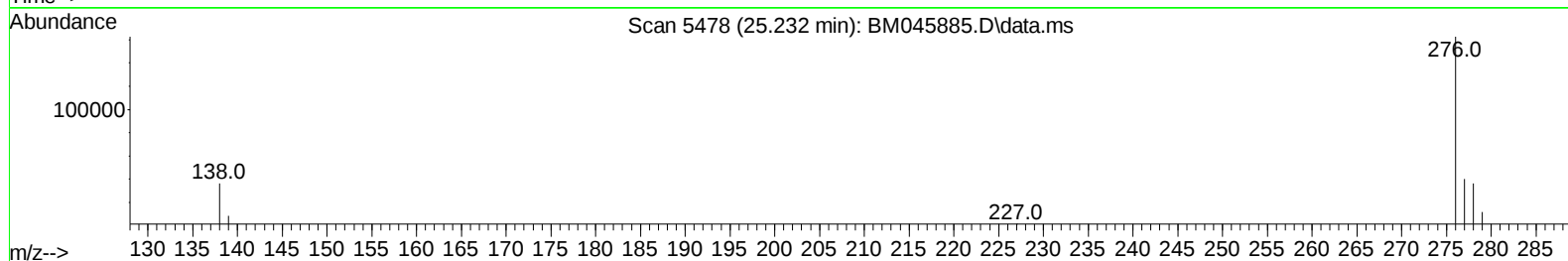
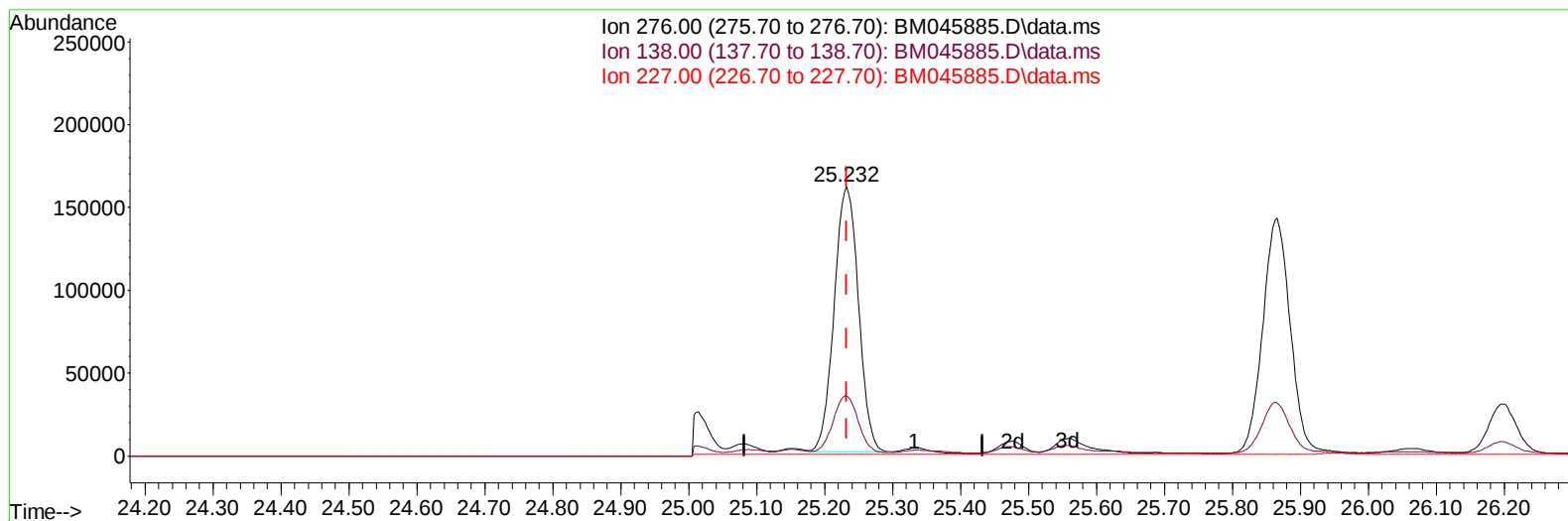
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

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

25.232min (-0.000) 4.82 ng/u1 m

response 396806

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	1.70#
227.00	0.20	0.00#
0.00	0.00	0.00

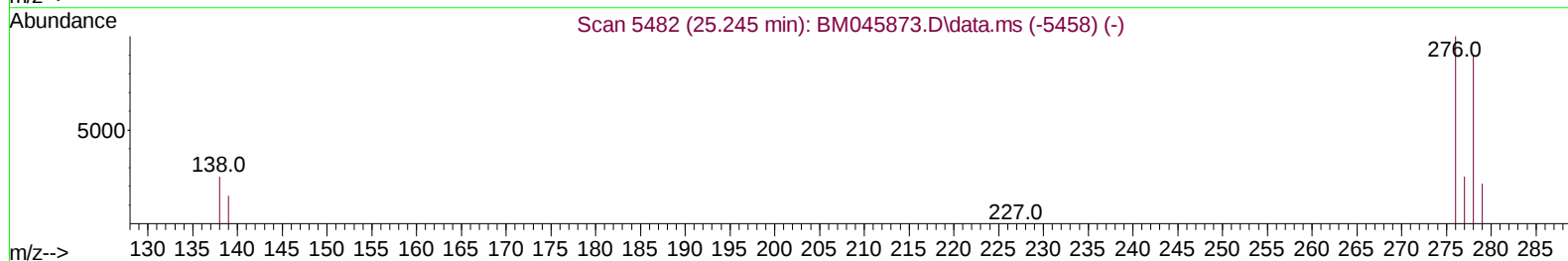
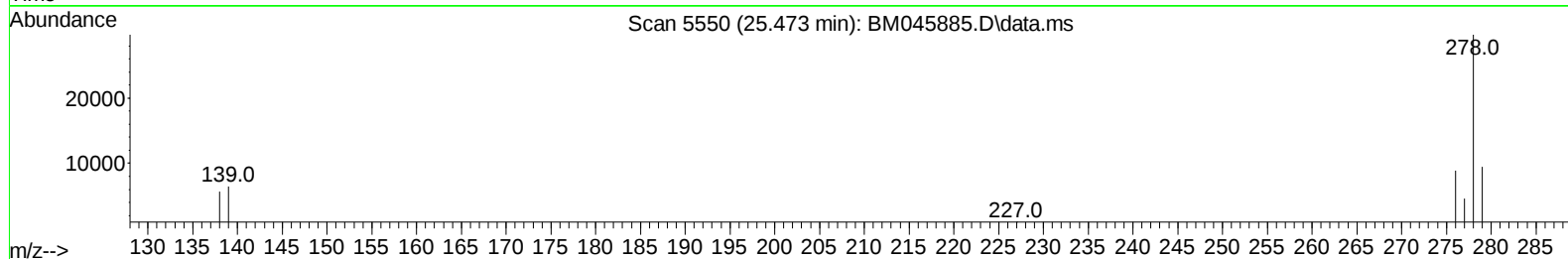
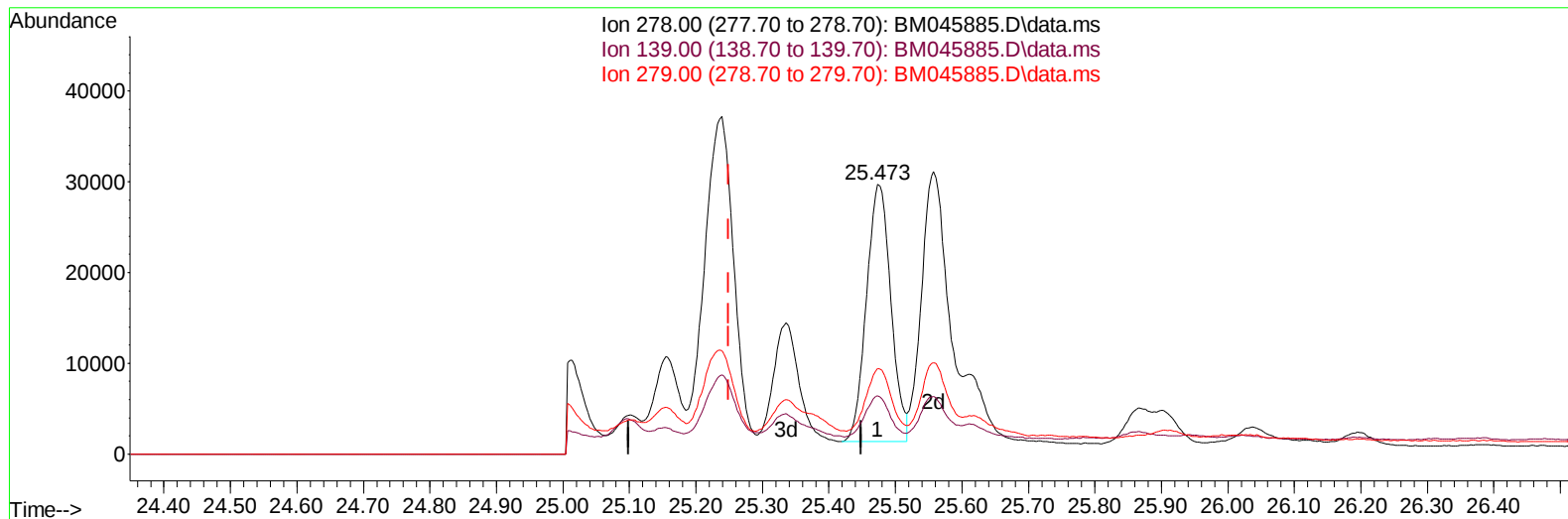
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 2024
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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(28) Dibenzo(a,h)anthracene

25.473min (+ 0.225) 1.11 ng/u1

response 72675

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	21.71
279.00	30.80	31.81
0.00	0.00	0.00

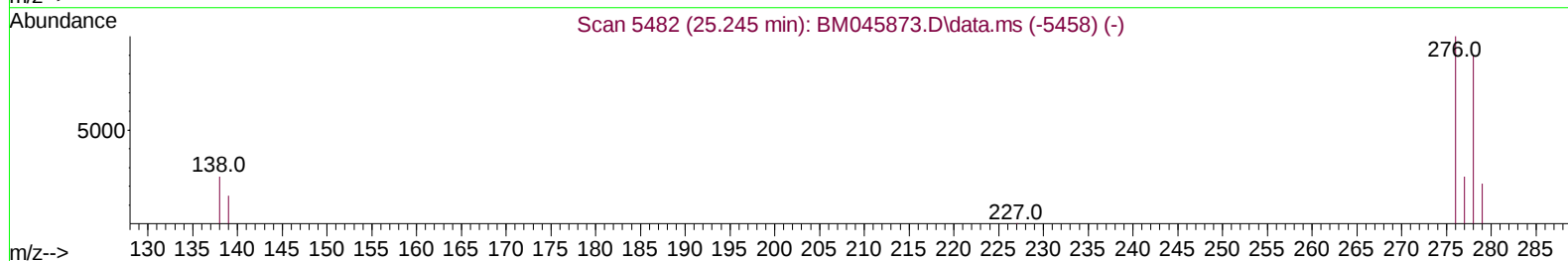
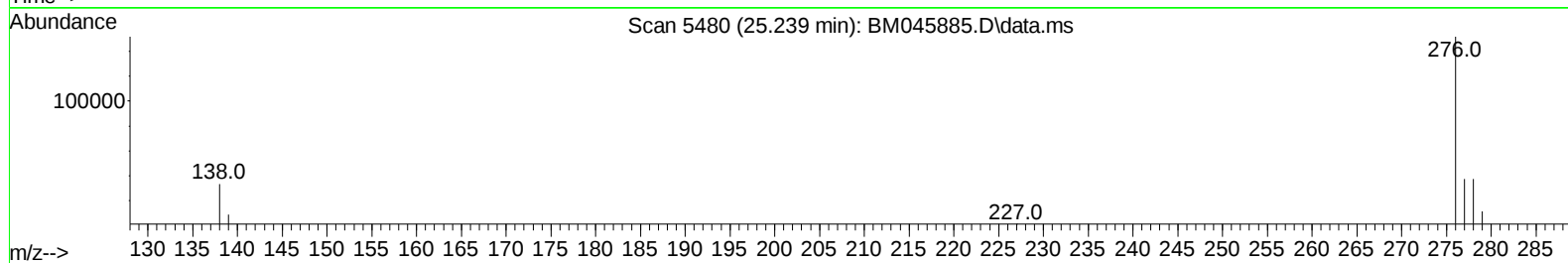
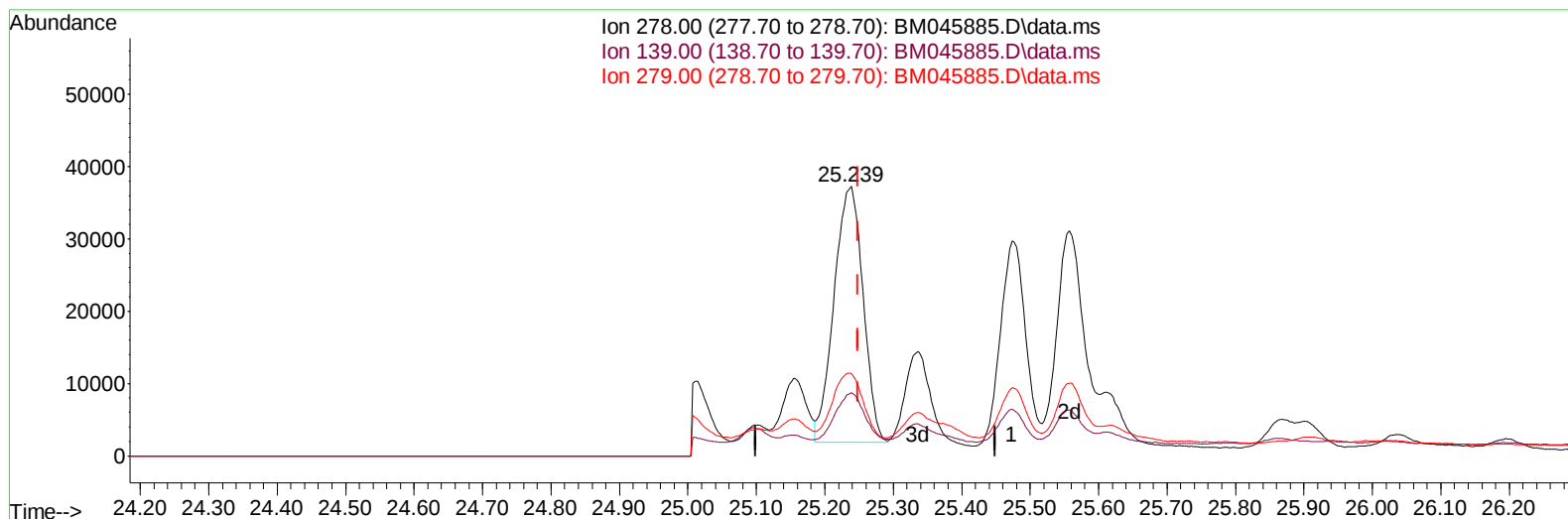
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

(28) Dibenzo(a,h)anthracene

25.239min (-0.010) 1.58 ng/u1 m

response 103695

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	23.39
279.00	30.80	30.63
0.00	0.00	0.00

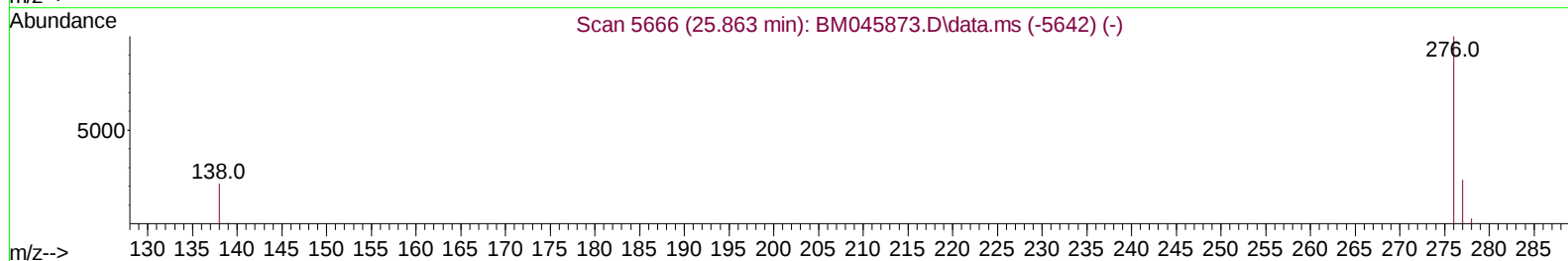
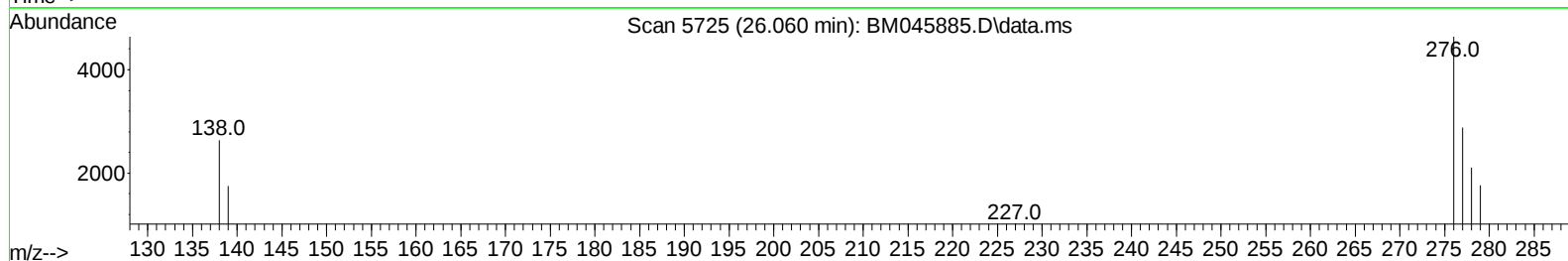
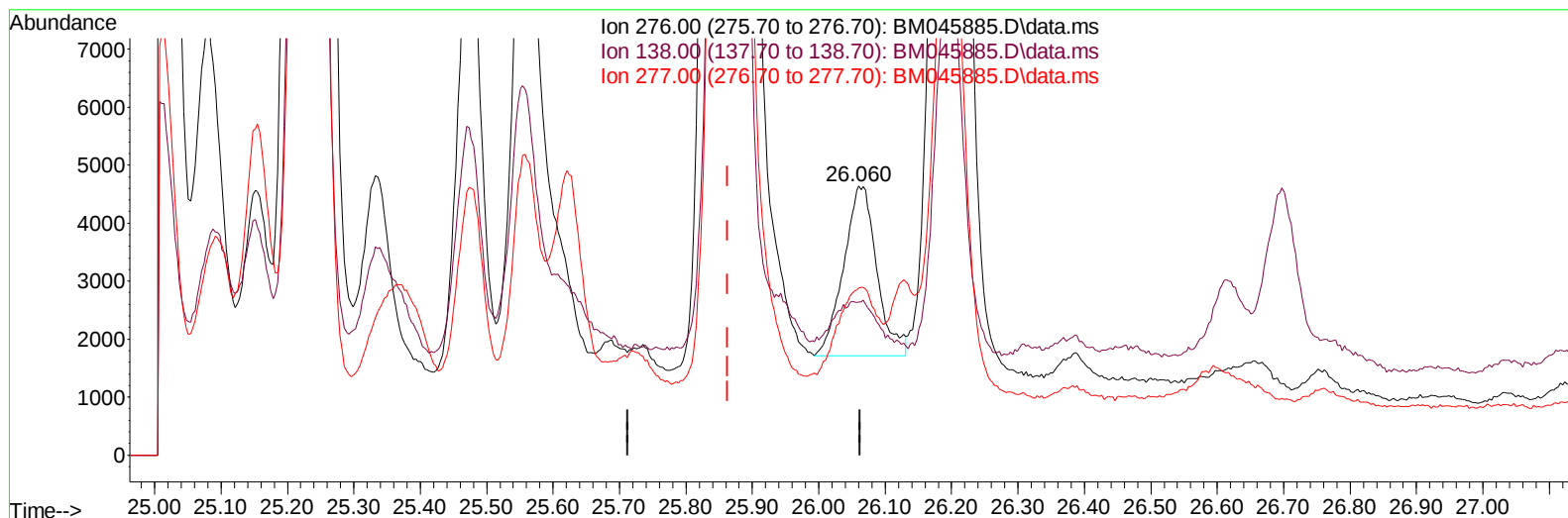
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045885.D
 Acq On : 07 Jun 2024 16:45
 Operator : MA/JU
 Sample : P2586-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 2024
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Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045885.D\data.ms

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

26.060min (+ 0.198) 0.14 ng/u1

response 10196

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	56.92#
277.00	25.60	62.07#
0.00	0.00	0.00

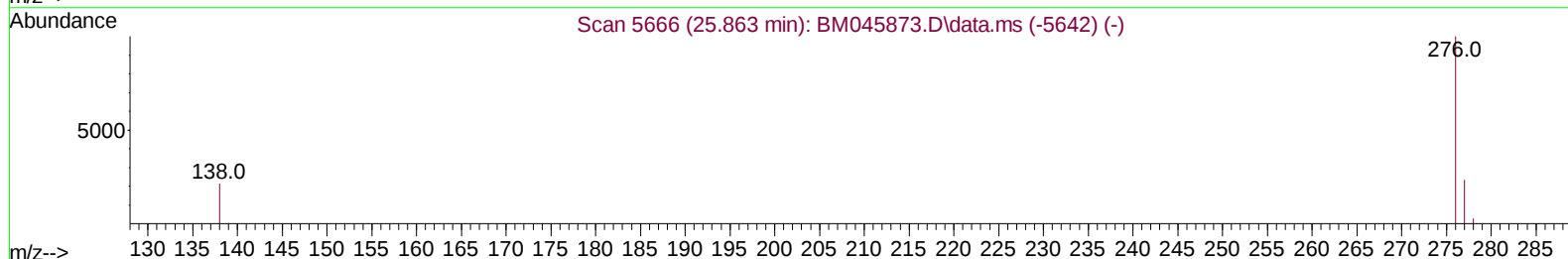
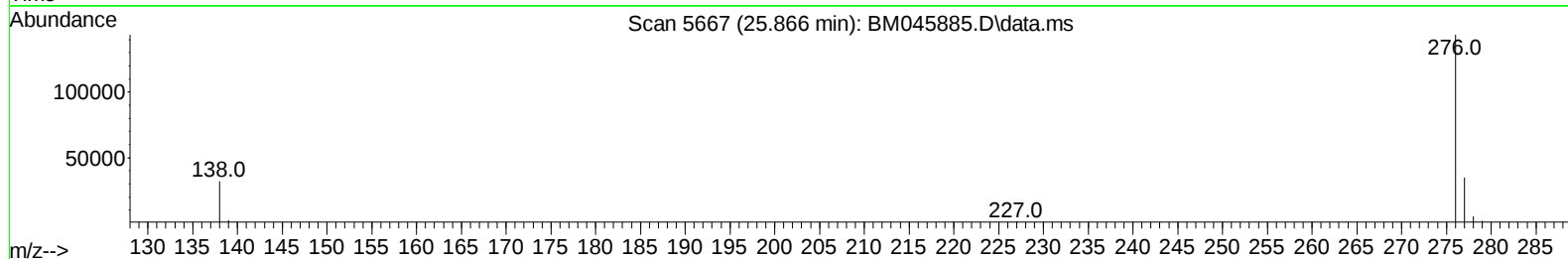
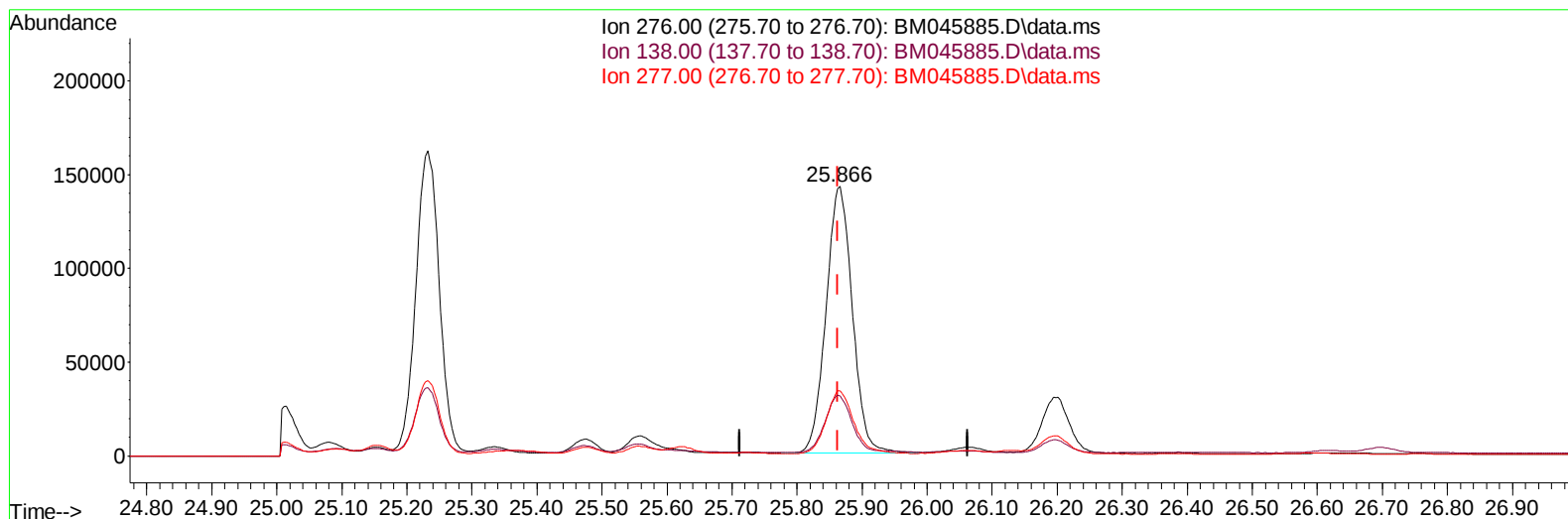
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045885.D
Acq On : 07 Jun 2024 16:45
Operator : MA/JU
Sample : P2586-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D20

Manual IntegrationsAPPROVED

Quant Time: Jun 07 17:33:45 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

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



TIC: BM045885.D\data.ms

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

25.866min (+ 0.003) 5.66 ng/ul m

response 401455

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	22.36
277.00	25.60	24.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045885.D
 Acq On : 07 Jun 2024 16:45
 Operator : MA/JU
 Sample : P2586-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D20

Manual IntegrationsAPPROVED

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

Quant Time: Jun 07 17:33:45 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	7157	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	24107	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.112	164	13345	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	26602m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.050	240	15902m	0.400	ng/ul	0.00
23) Perylene-d12	23.162	264	19281m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	35995	4.416	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.831	152	11013	0.318	ng/ul	-0.02
18) Fluoranthene-d10	18.884	212	19485m	0.409	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.281	128	64440	1.023	ng/ul	100
7) 2-Methylnaphthalene	11.903	142	55890	1.391	ng/ul	99
8) 1-Methylnaphthalene	12.128	142	57754	1.322	ng/ul	99
10) Acenaphthylene	13.830	152	67802	1.117	ng/ul	98
11) Acenaphthene	14.172	153	18334	0.411	ng/ul	98
12) Fluorene	15.167	166	23604	0.473	ng/ul#	95
15) Phenanthrene	16.895	178	618084m	8.275	ng/ul	
16) Anthracene	16.988	178	104728m	1.644	ng/ul	
19) Fluoranthene	18.917	202	1278183m	20.157	ng/ul	
20) Pyrene	19.280	202	1082691m	16.368	ng/ul	
21) Benzo(a)anthracene	21.032	228	556512m	9.534	ng/ul	
22) Chrysene	21.085	228	645891m	10.164	ng/ul	
24) Benzo(b)fluoranthene	22.540	252	779685m	12.192	ng/ul	
25) Benzo(k)fluoranthene	22.578	252	284836m	4.053	ng/ul	
26) Benzo(a)pyrene	23.072	252	525241m	8.259	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.232	276	396806m	4.825	ng/ul	
28) Dibenzo(a,h)anthracene	25.239	278	103695m	1.577	ng/ul	
29) Benzo(g,h,i)perylene	25.866	276	401455m	5.660	ng/ul	

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

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BNA_M
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