

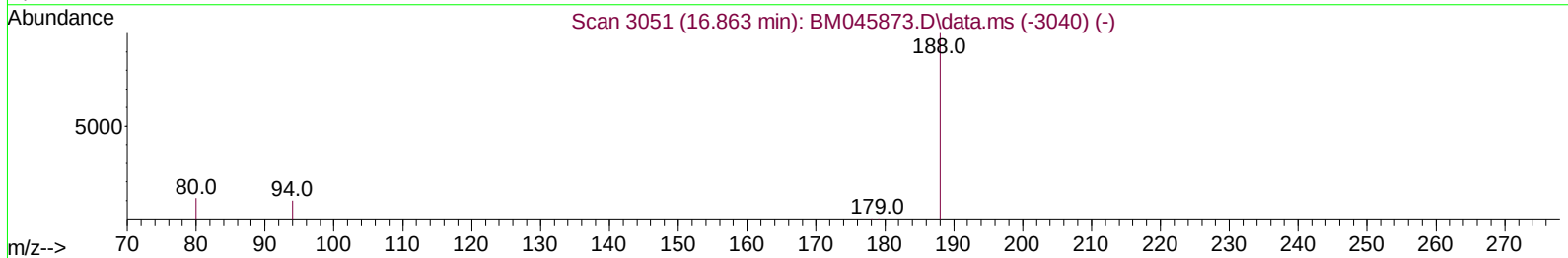
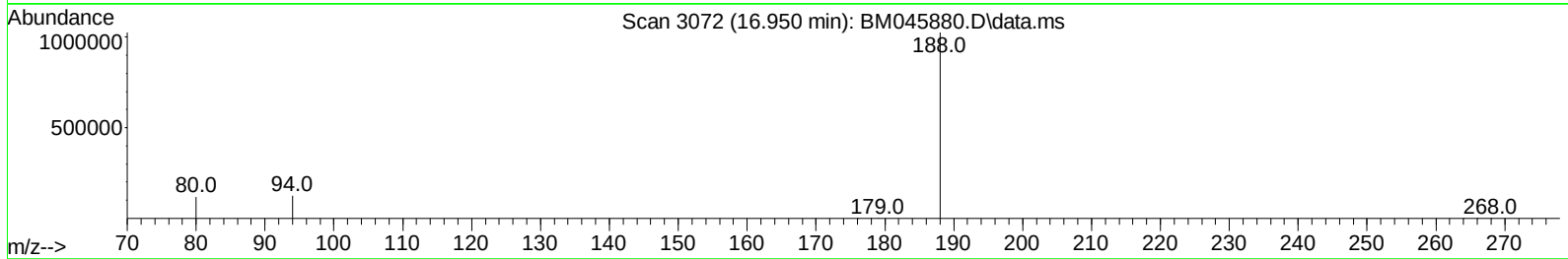
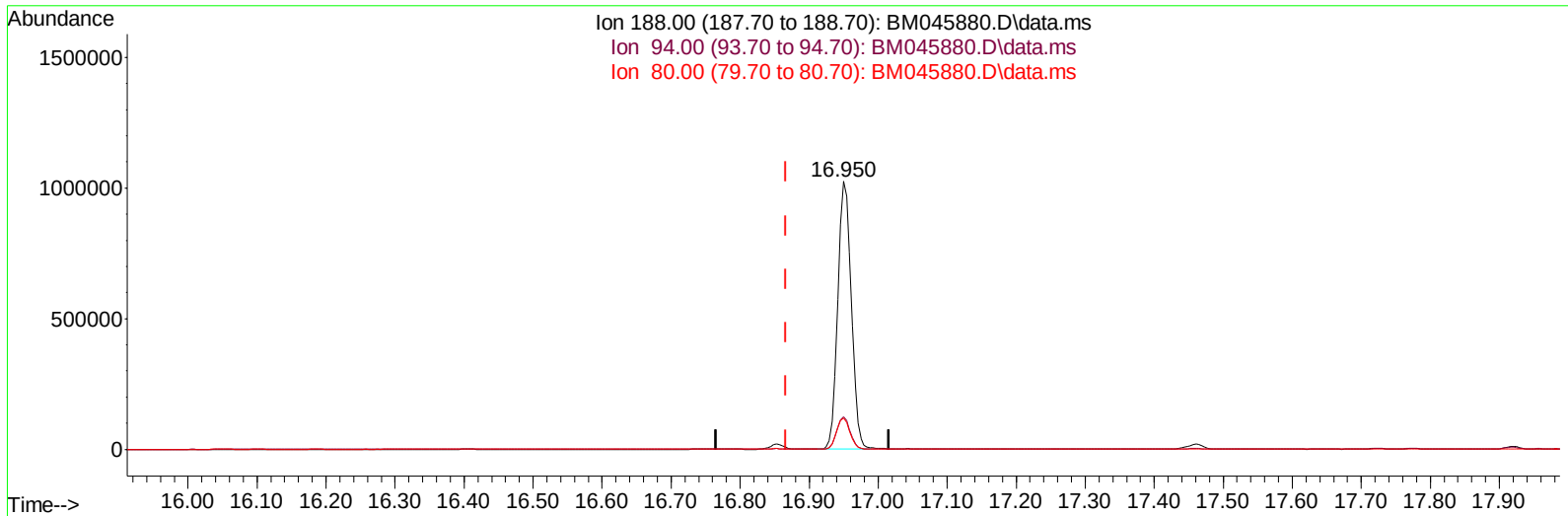
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

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

Quant Time: Jun 07 14:14:50 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



TIC: BM045880.D\data.ms

(13) Phenanthrene-d10 (I)**16.950min (+ 0.084) 0.40 ng/u1****response 1390744**

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	12.27
80.00	11.70	11.69
0.00	0.00	0.00

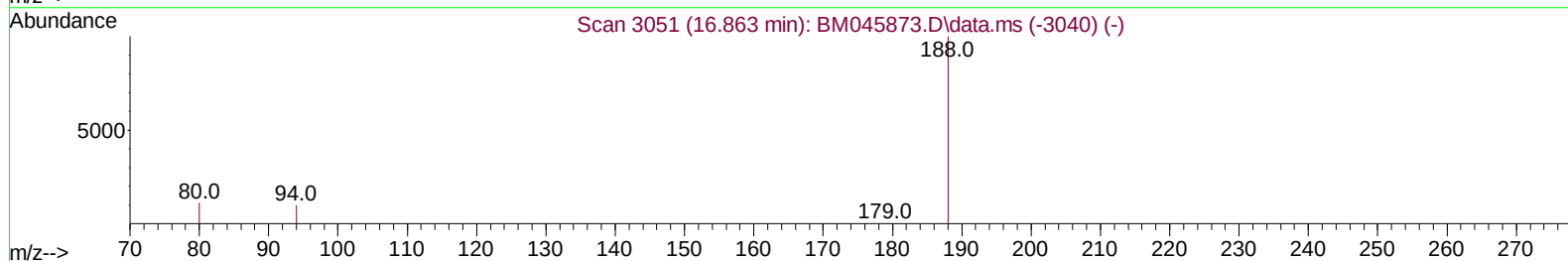
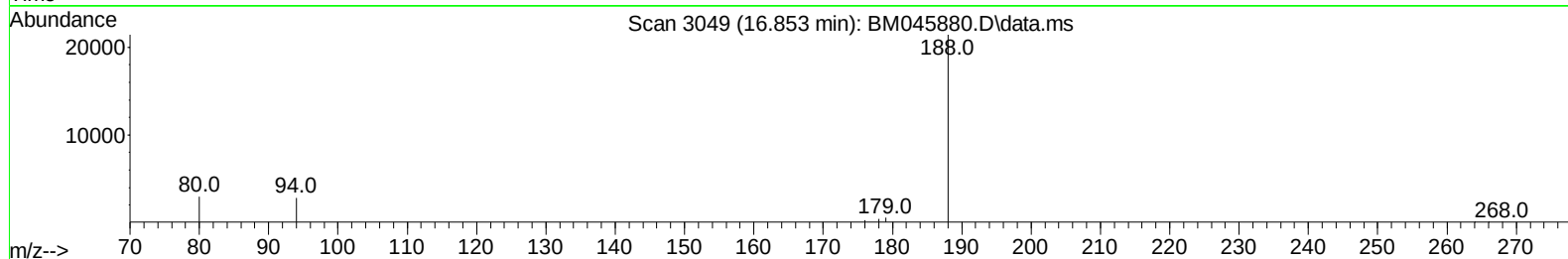
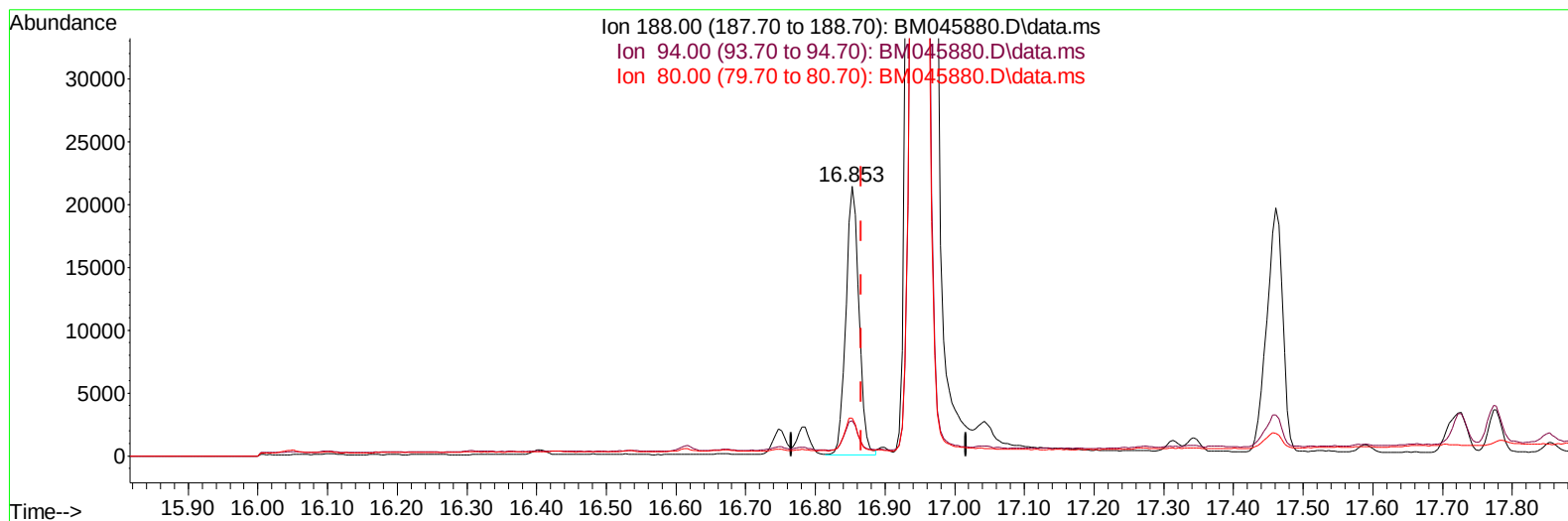
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(13) Phenanthrene-d10 (I)

16.853min (-0.013) 0.40 ng/ul m

response 27784

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	13.16#
80.00	11.70	13.95
0.00	0.00	0.00

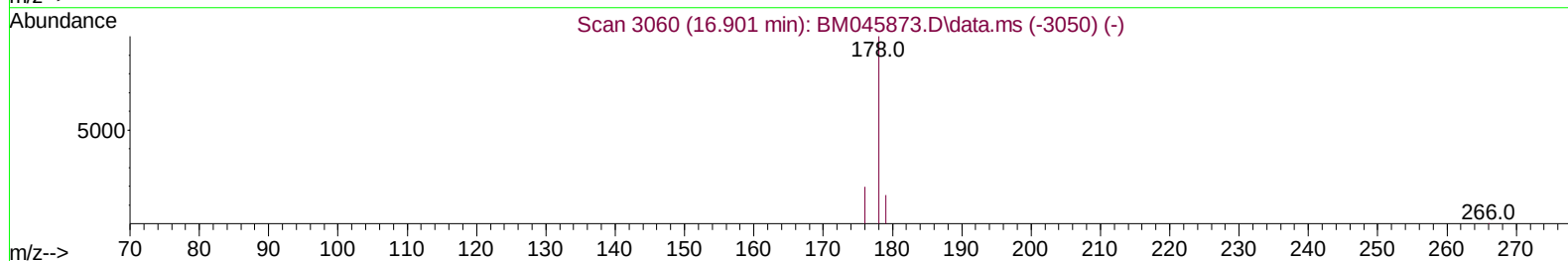
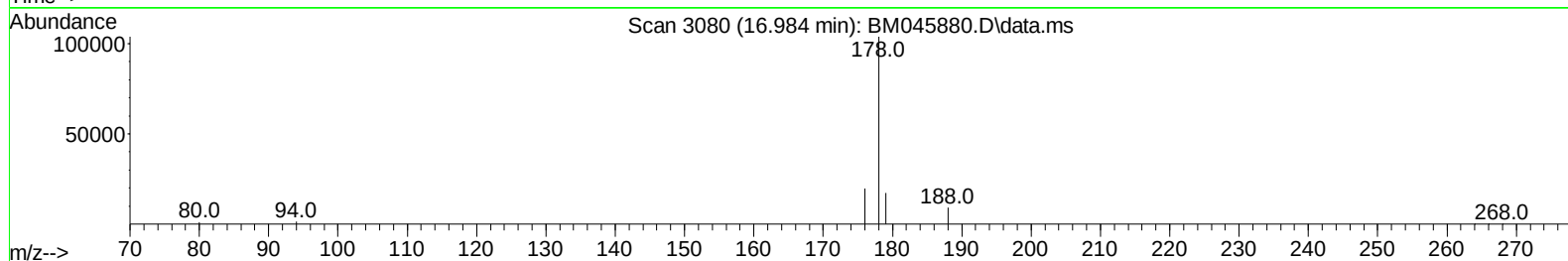
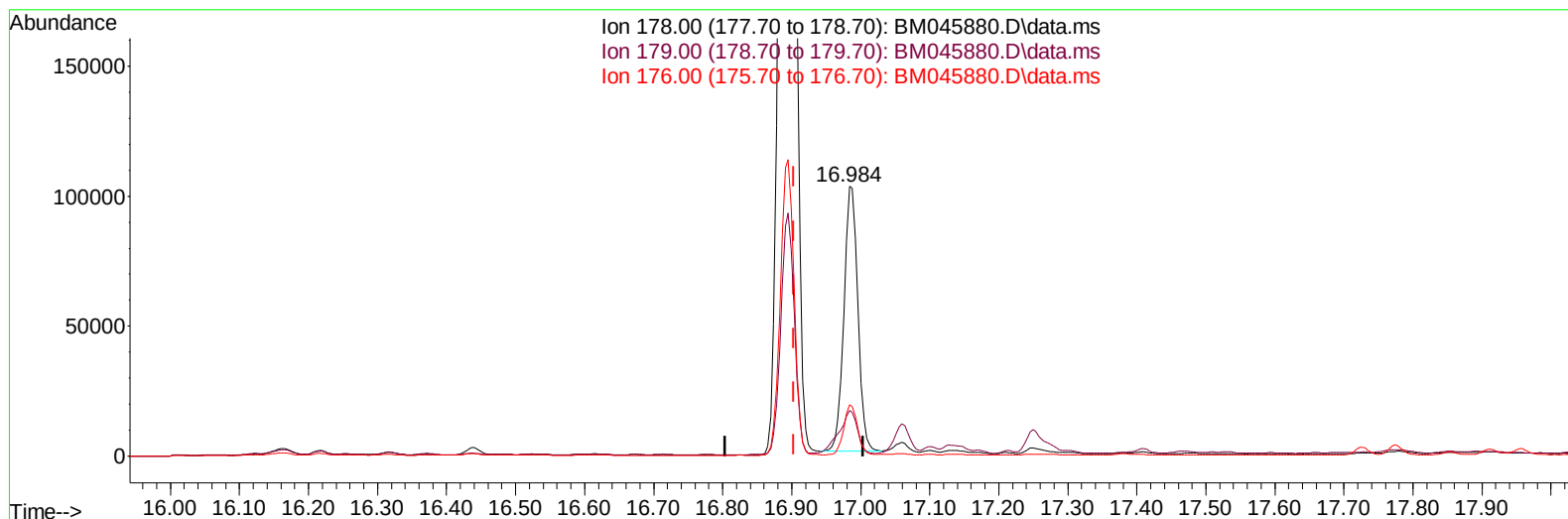
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

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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: BM045880.D\data.ms

(15) Phenanthrene

16.984min (+ 0.080) 1.83 ng/u1

response 142512

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	16.80
176.00	19.50	18.92
0.00	0.00	0.00

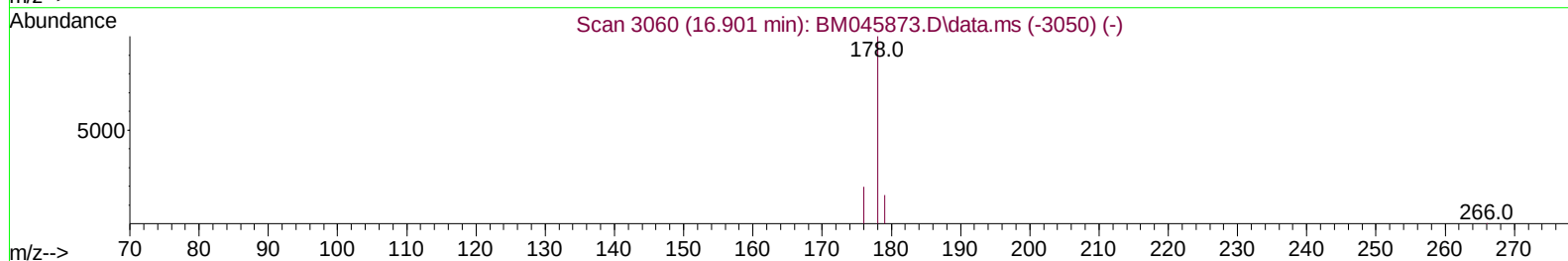
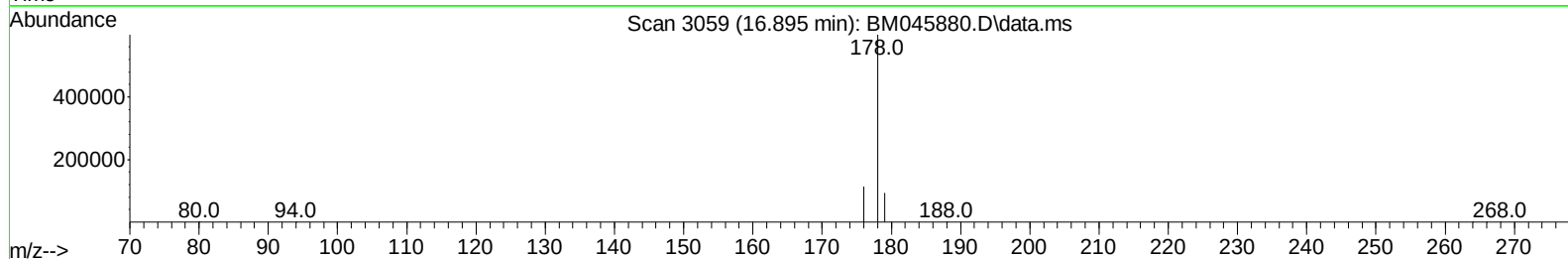
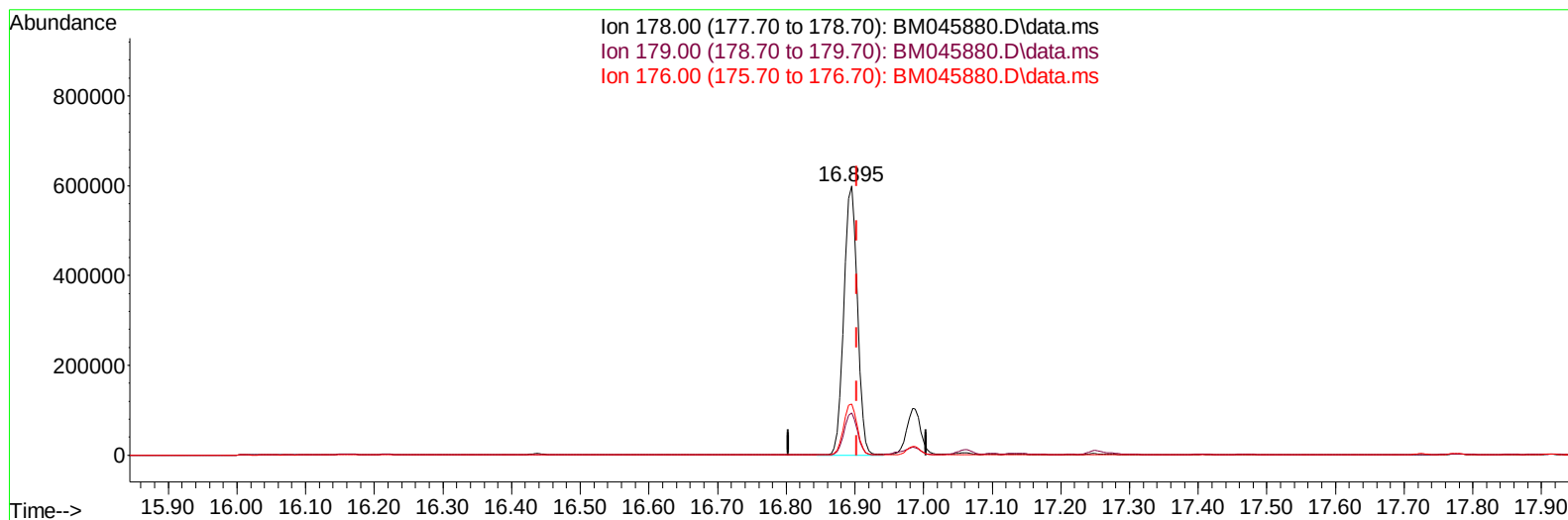
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(15) Phenanthrene

16.895min (-0.009) 10.51 ng/ul m

response 820111

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.63
176.00	19.50	19.07
0.00	0.00	0.00

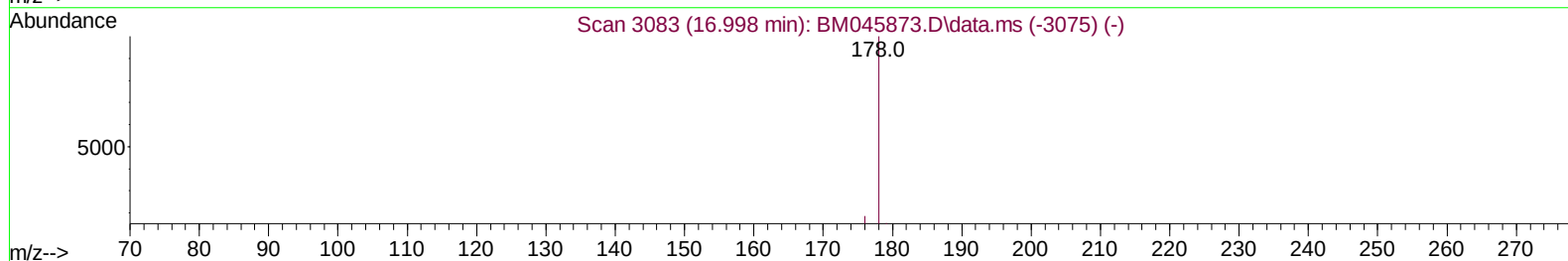
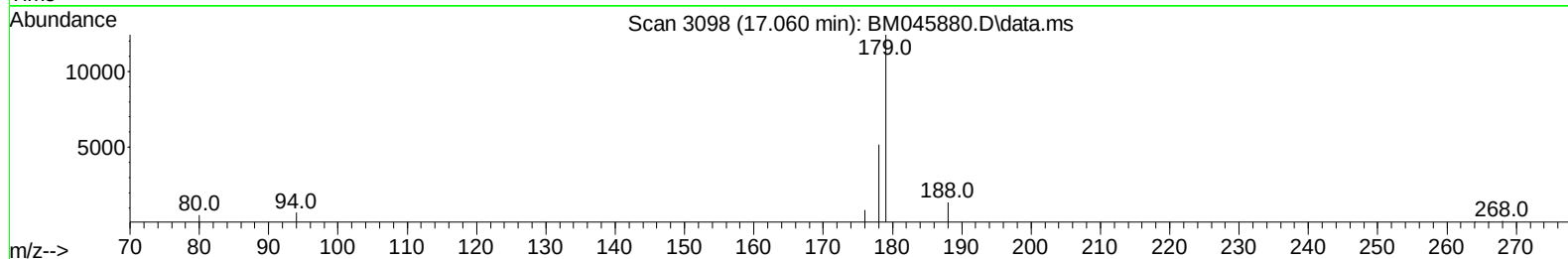
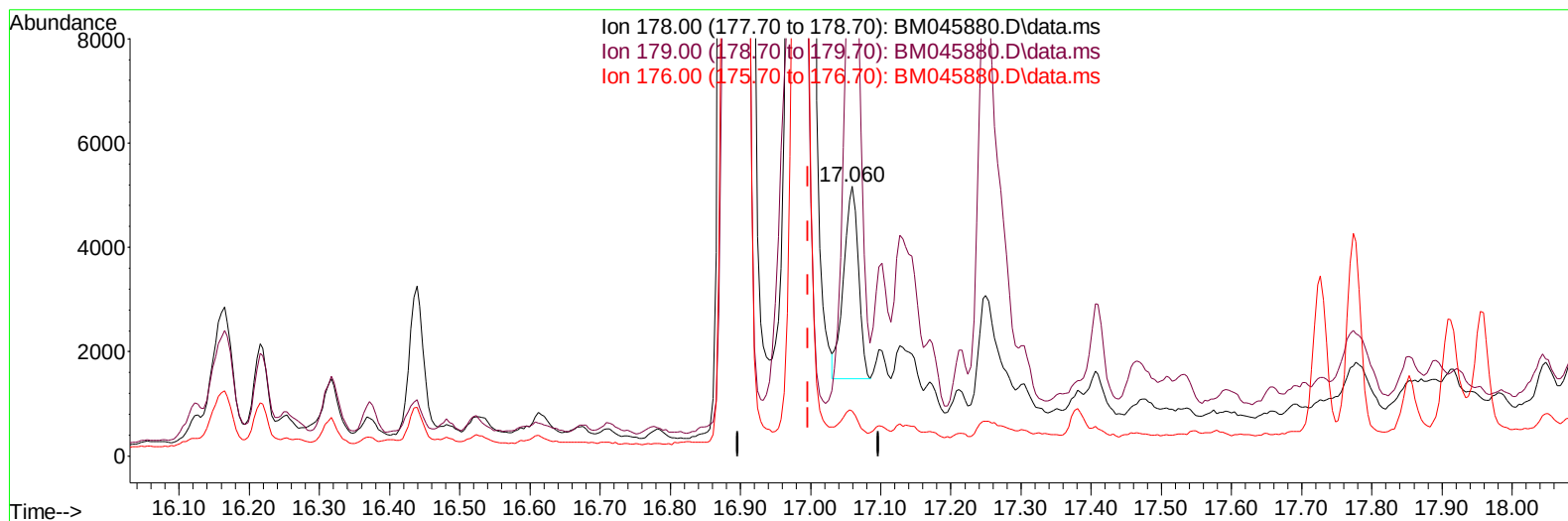
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(16) Anthracene

17.060min (+ 0.063) 0.08 ng/u1

response 5405

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	240.29#
176.00	19.40	16.66
0.00	0.00	0.00

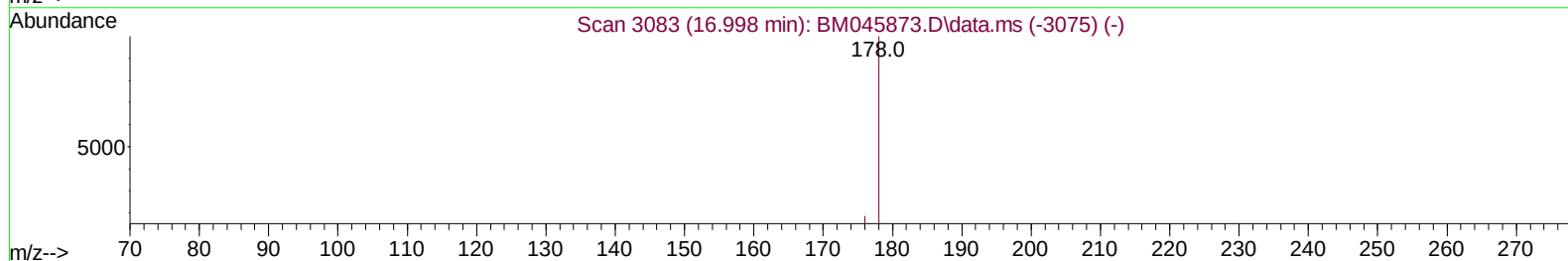
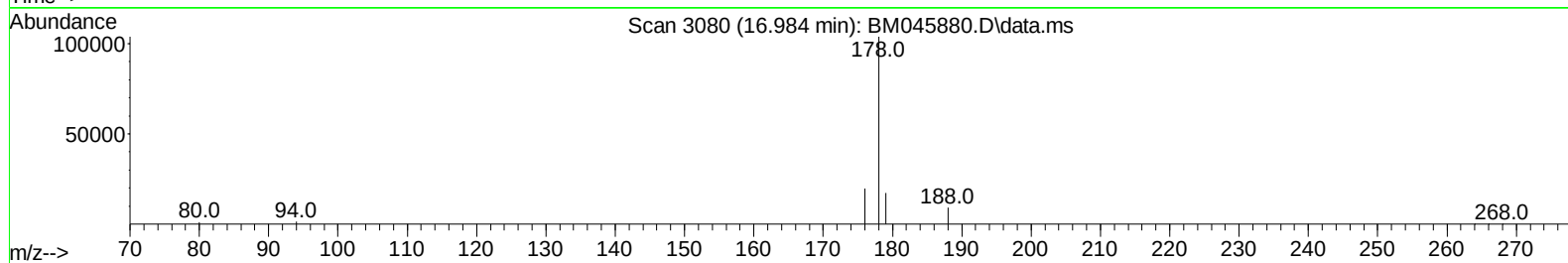
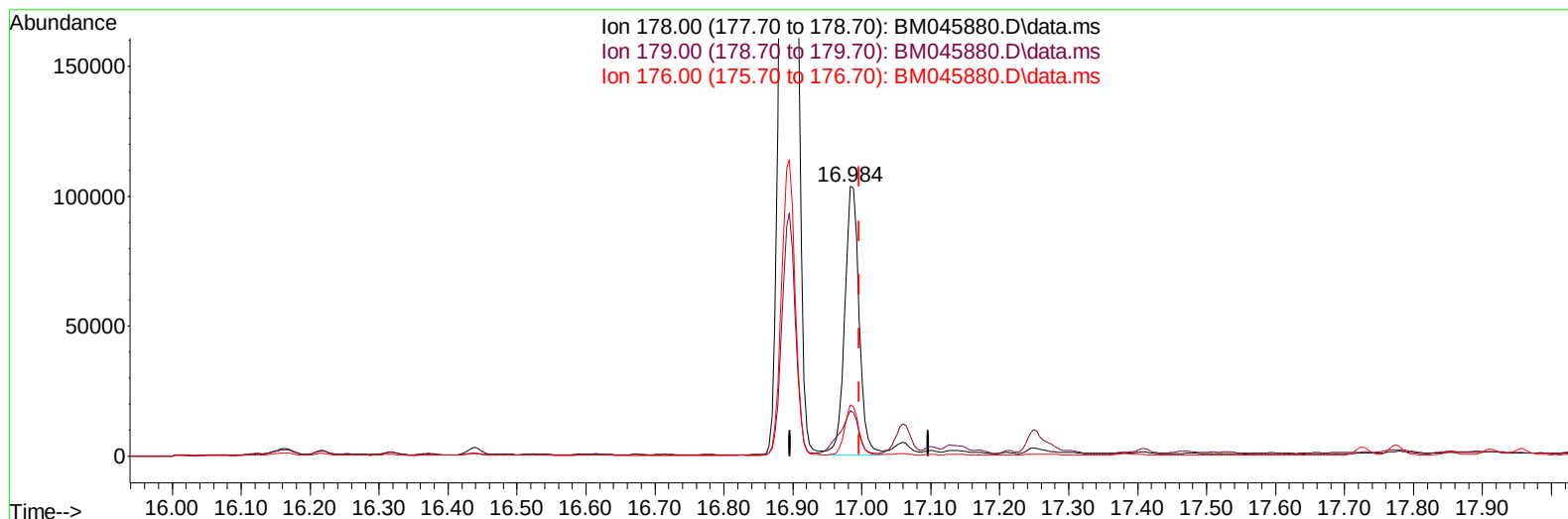
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(16) Anthracene

16.984min (-0.013) 2.27 ng/ul m

response 150718

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	16.80
176.00	19.40	18.92
0.00	0.00	0.00

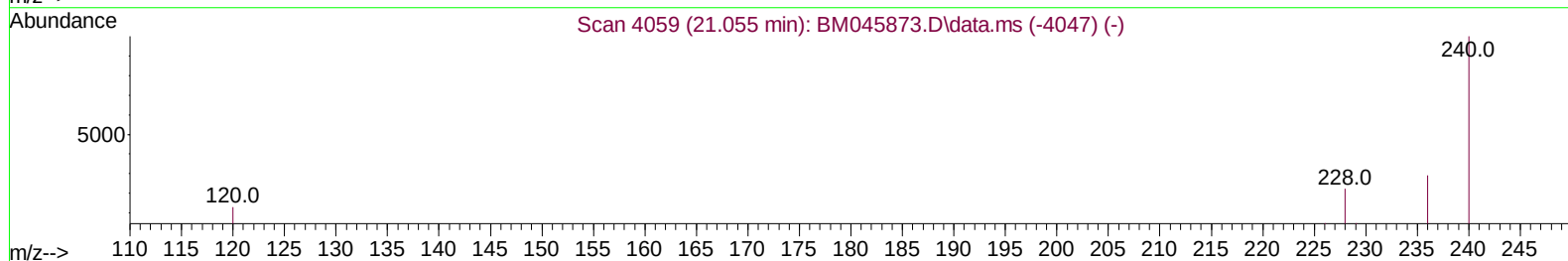
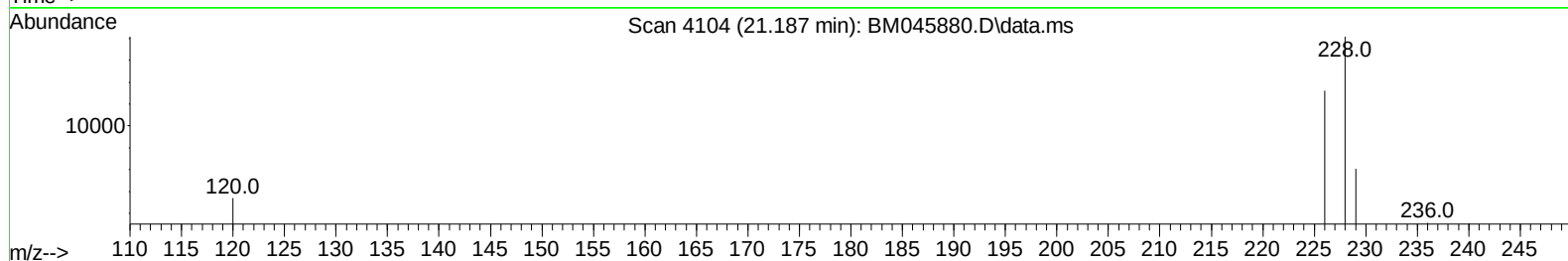
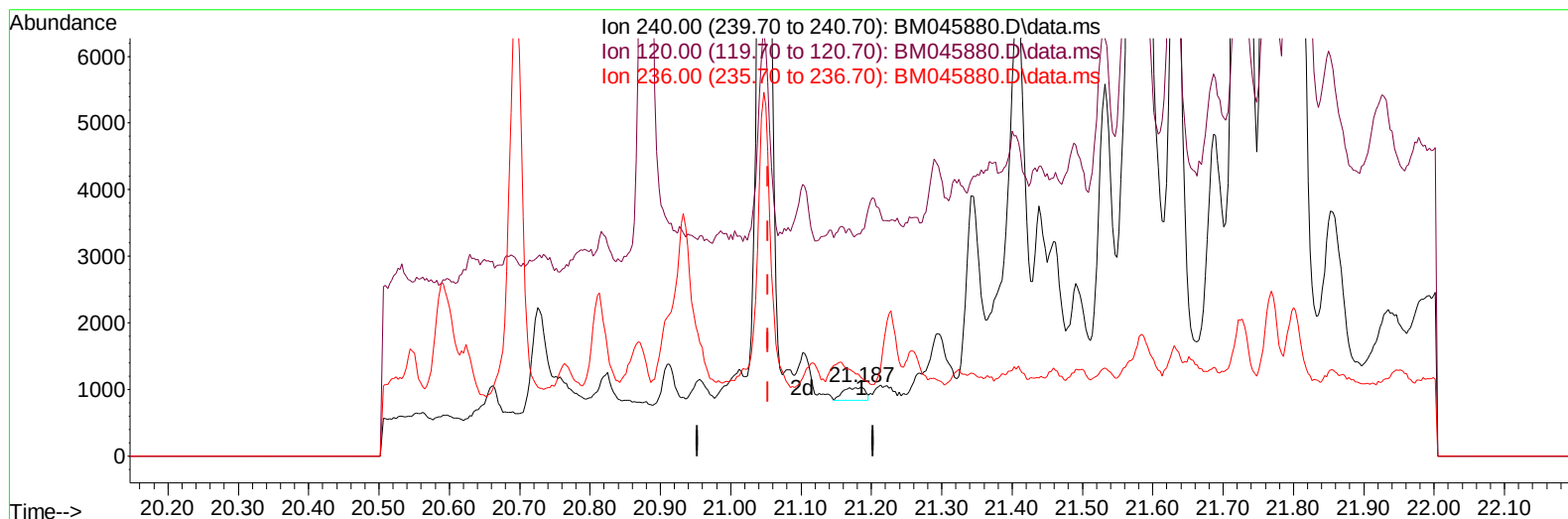
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(17) Chrysene-d12

21.187min (+ 0.134) 0.40 ng/u1

response 405

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	330.64#
236.00	29.50	113.13#
0.00	0.00	0.00

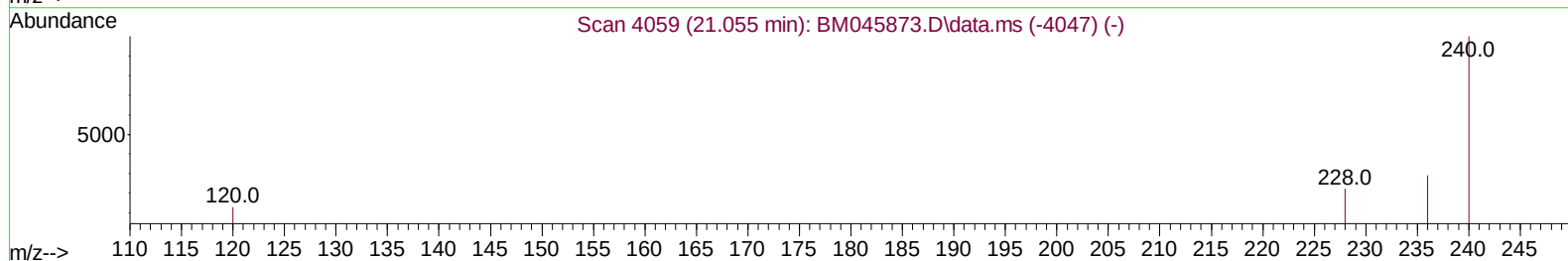
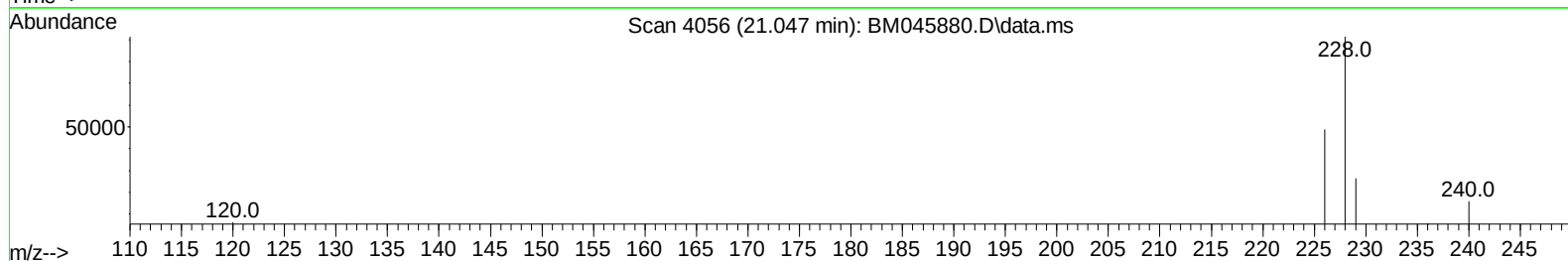
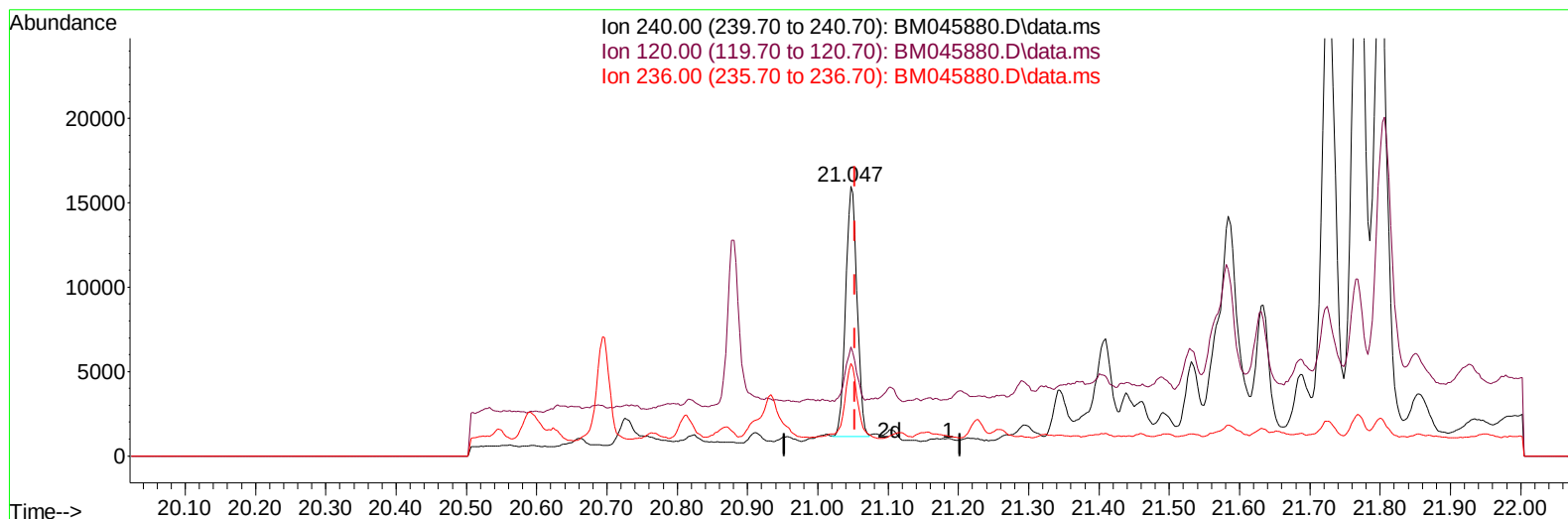
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(17) Chrysene-d12

21.047min (-0.006) 0.40 ng/ul m

response 16783

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	40.50#
236.00	29.50	34.24
0.00	0.00	0.00

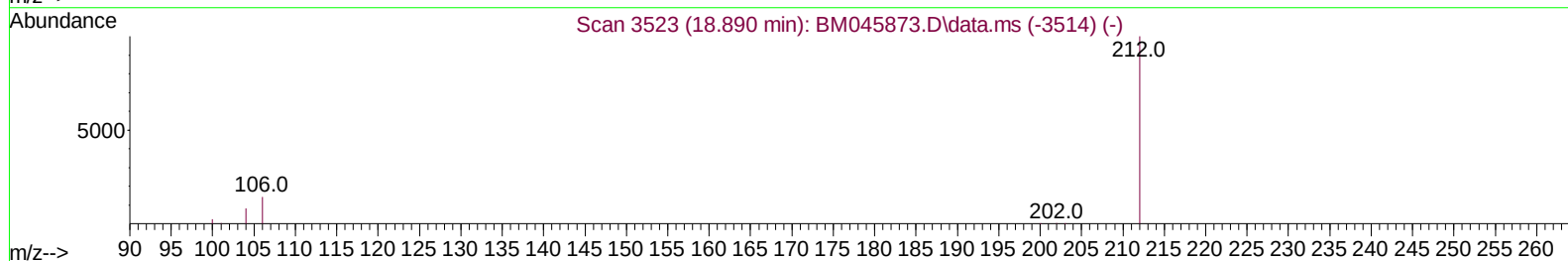
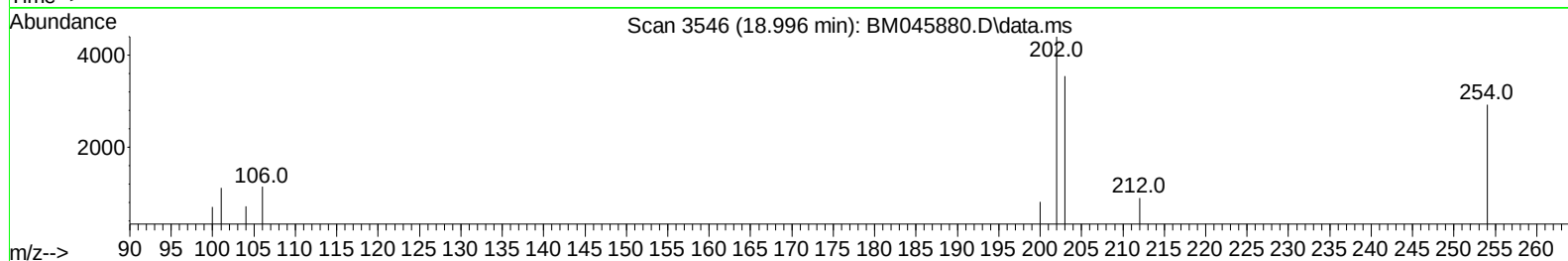
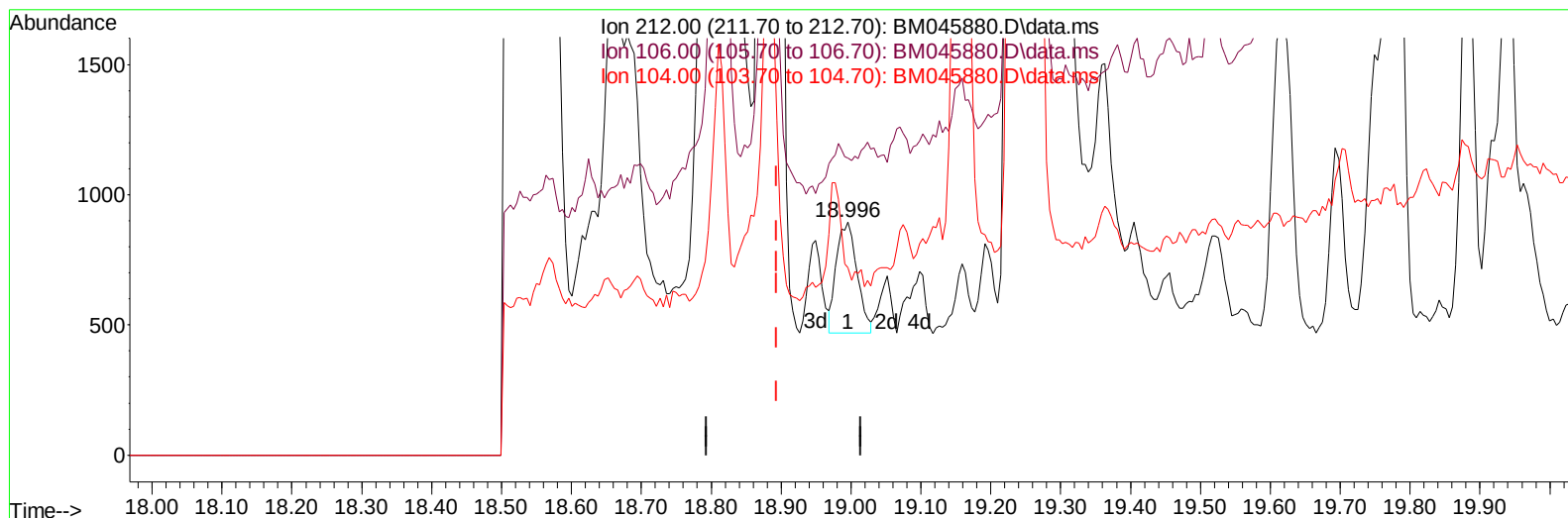
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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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TIC: BM045880.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.996min (+ 0.102) 0.02 ng/u1

response 874

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

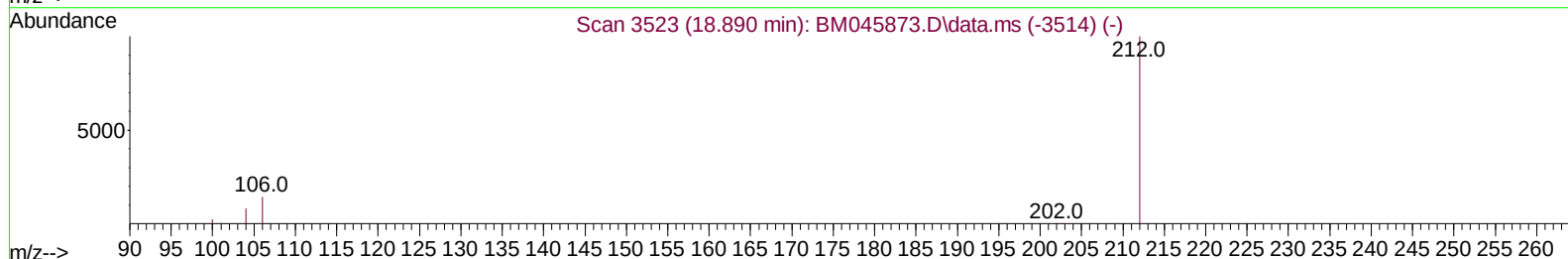
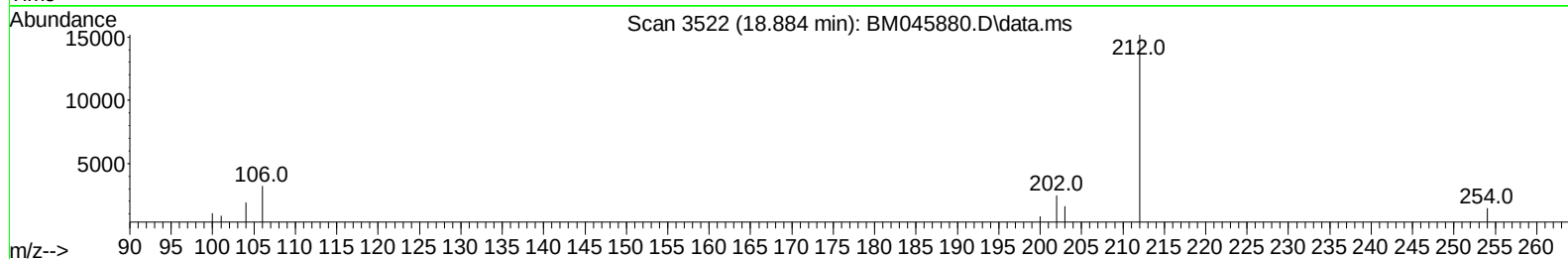
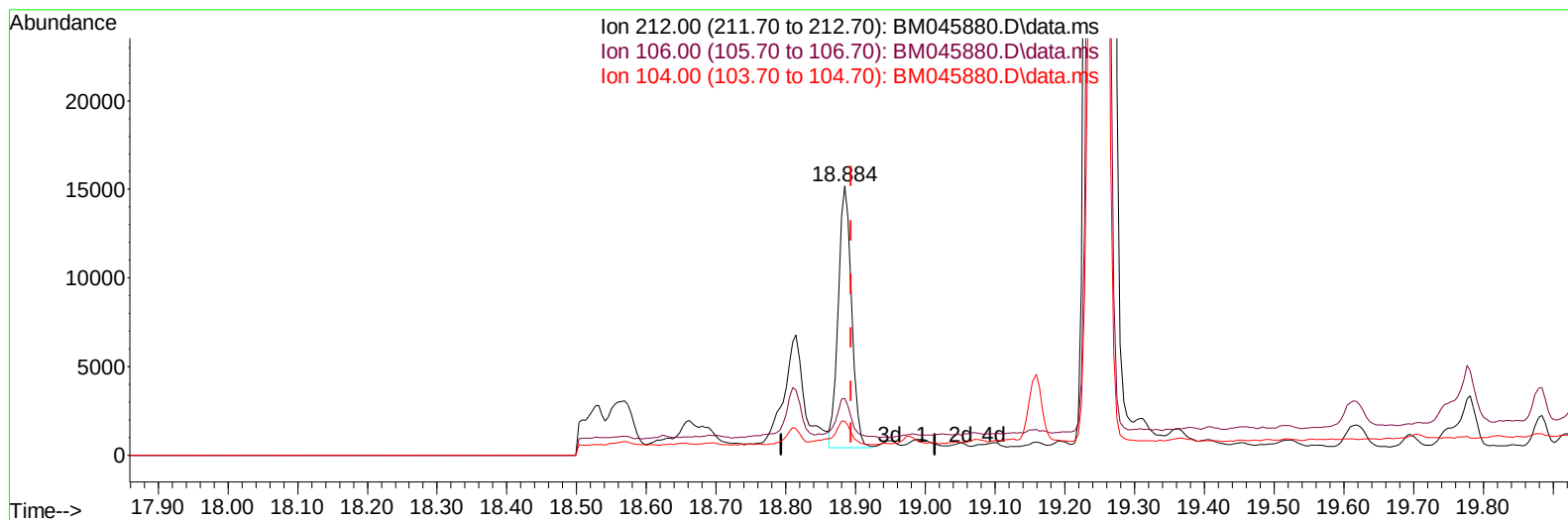
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.884min (-0.009) 0.39 ng/ul m

response 19809

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

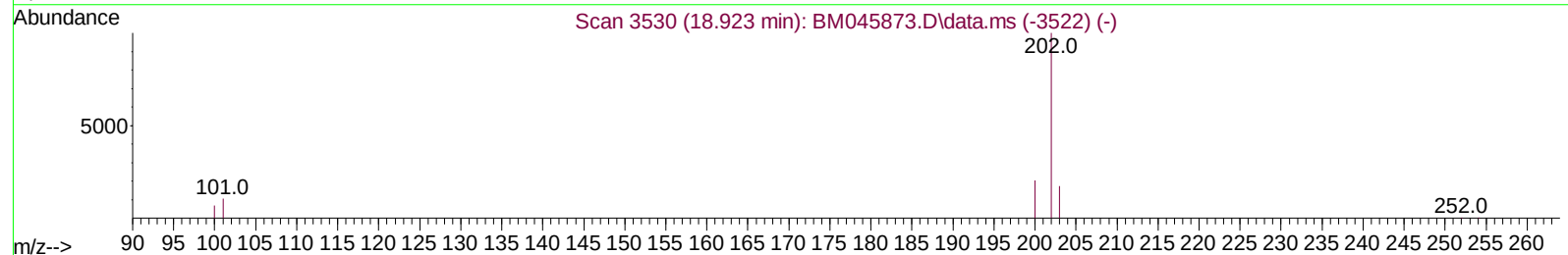
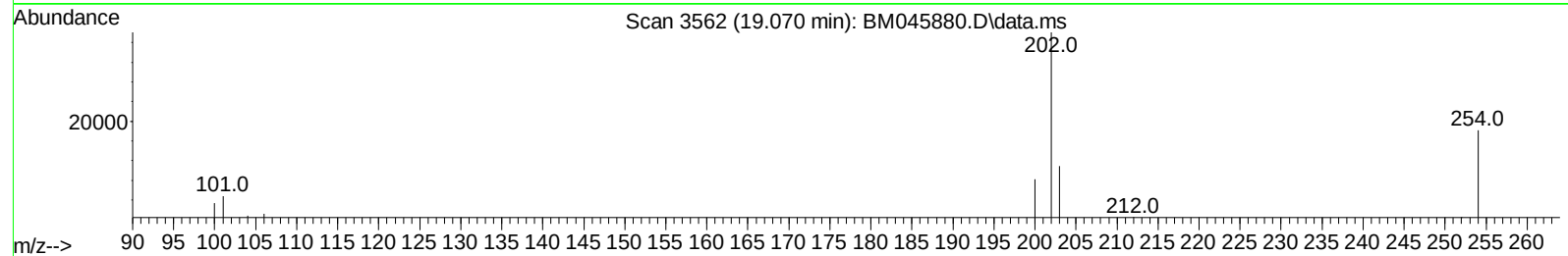
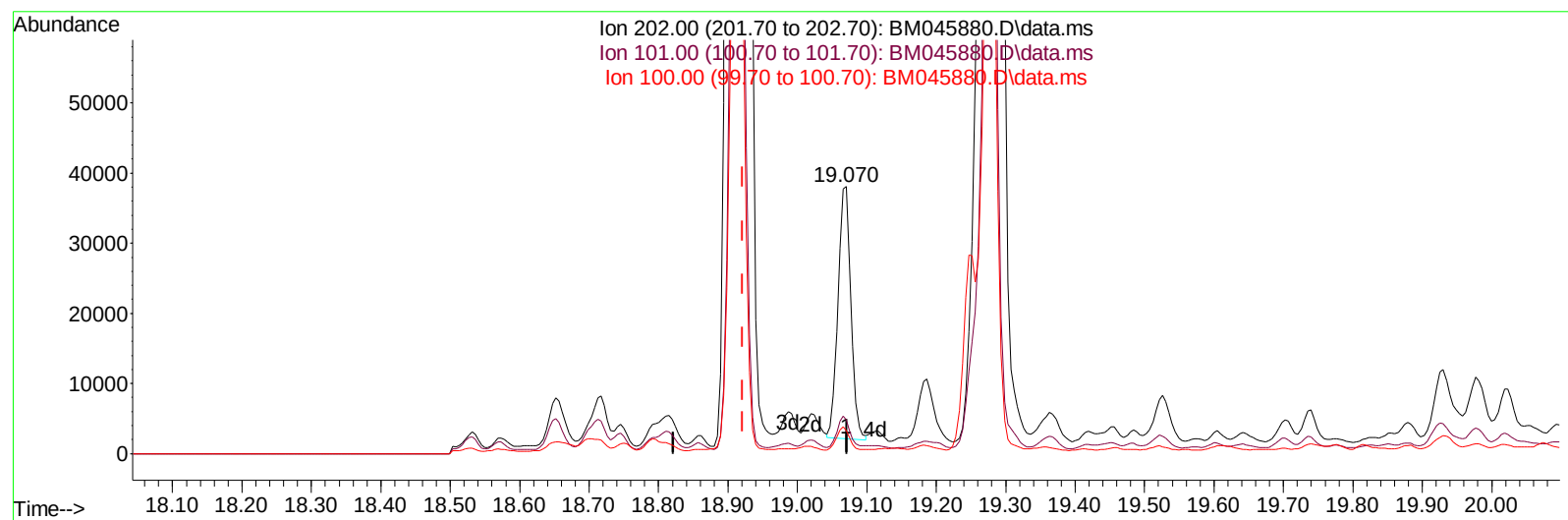
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

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QLast Update : Thu Jun 06 17:58:22 2024
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TIC: BM045880.D\data.ms

(19) Fluoranthene (C)

19.070min (+ 0.149) 0.70 ng/u1

response 46697

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	12.61
100.00	8.80	8.73
0.00	0.00	0.00

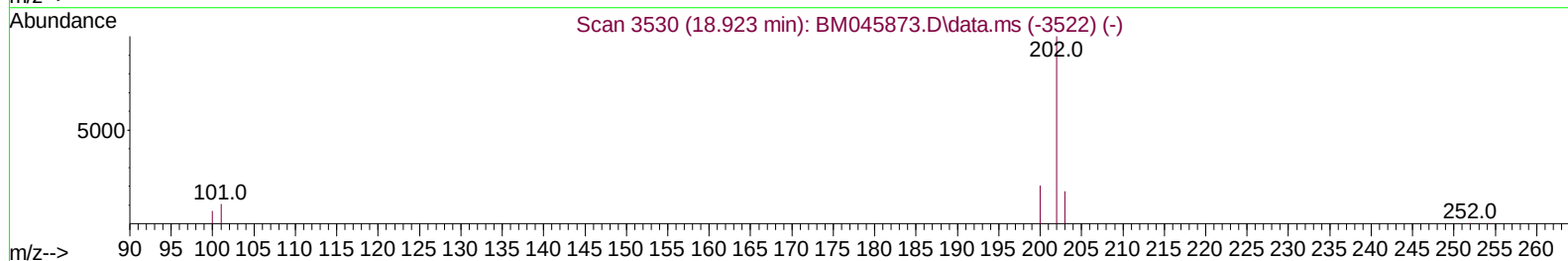
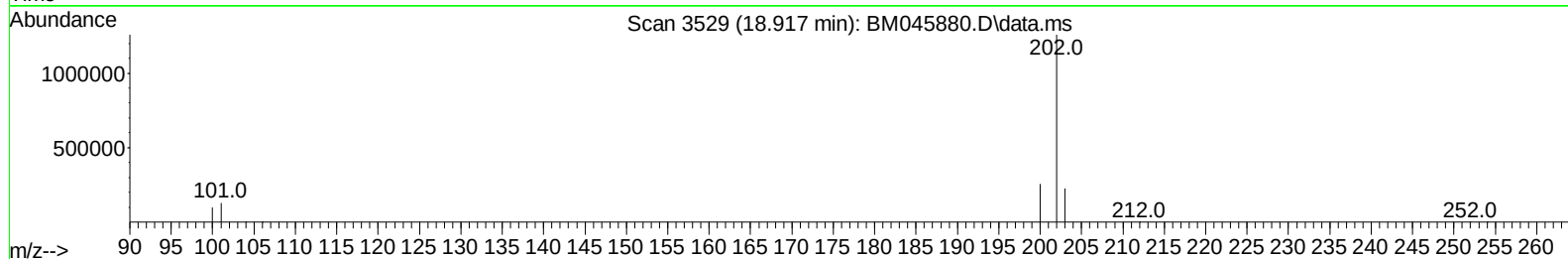
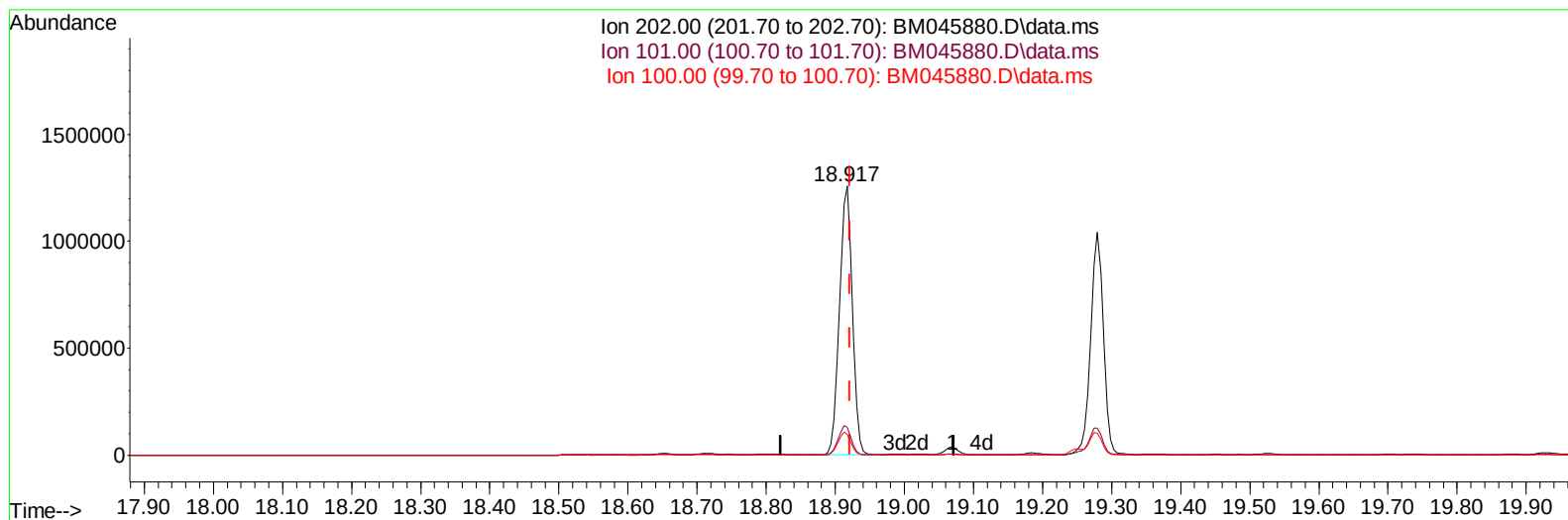
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045880.D
 Acq On : 07 Jun 2024 13:42
 Operator : MA/JU
 Sample : P2586-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(19) Fluoranthene (C)

18.917min (-0.005) 24.07 ng/ul m

response 1611036

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	10.34
100.00	8.80	7.77
0.00	0.00	0.00

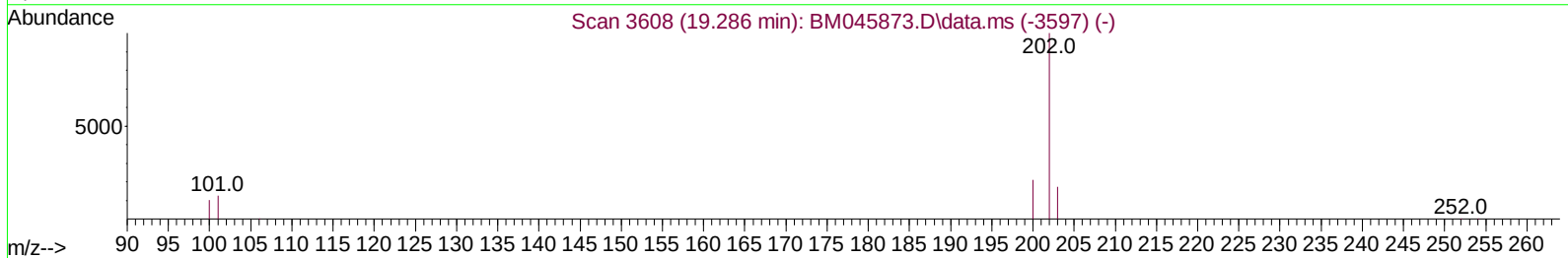
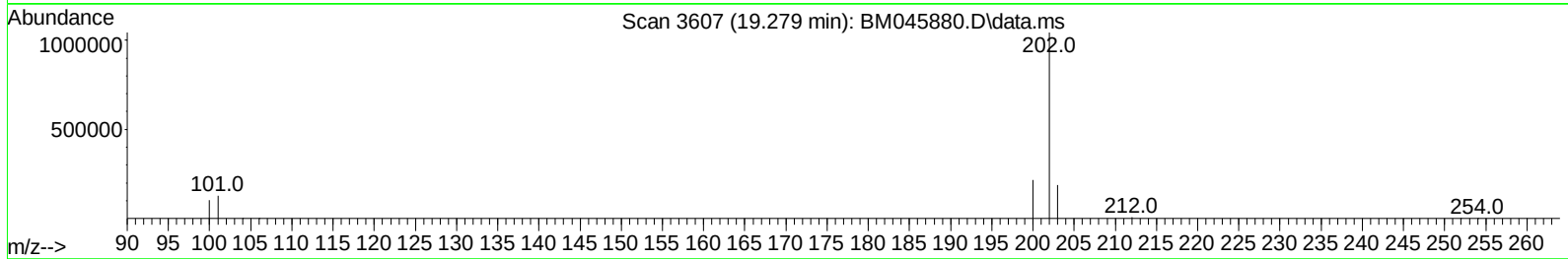
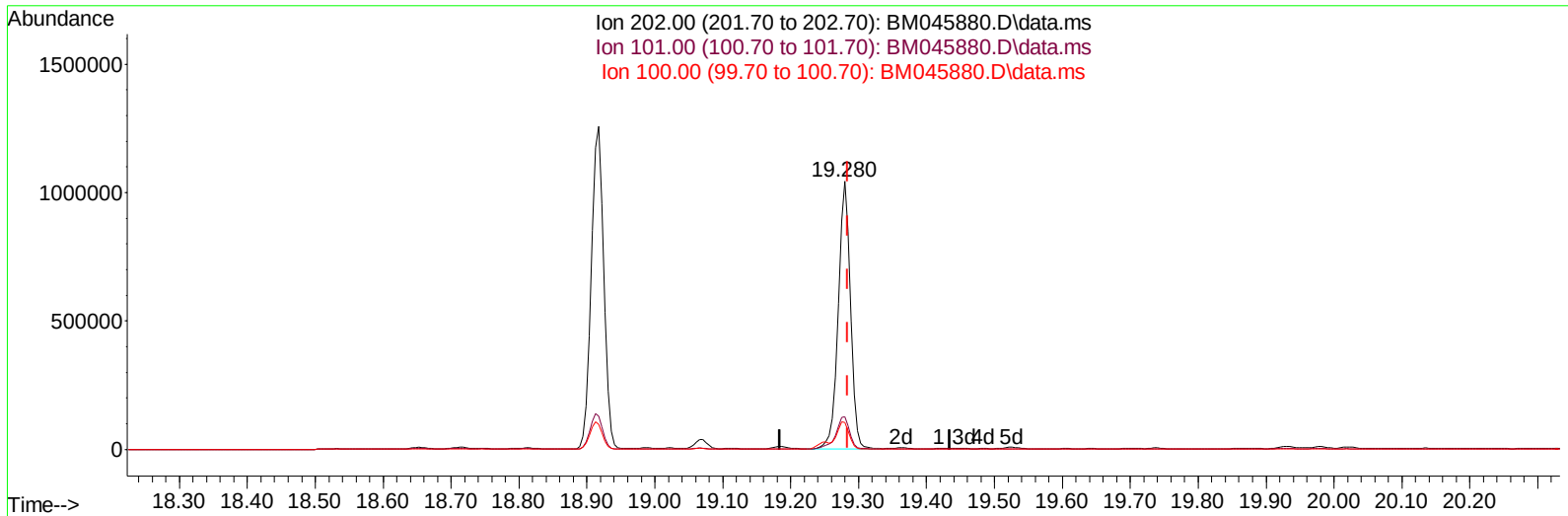
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

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

Quant Time: Jun 07 14:14:50 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



TIC: BM045880.D\data.ms

(20) Pyrene

19.279min (-0.005) 18.80 ng/ul m

response 1312148

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	12.08
100.00	11.40	9.95
0.00	0.00	0.00

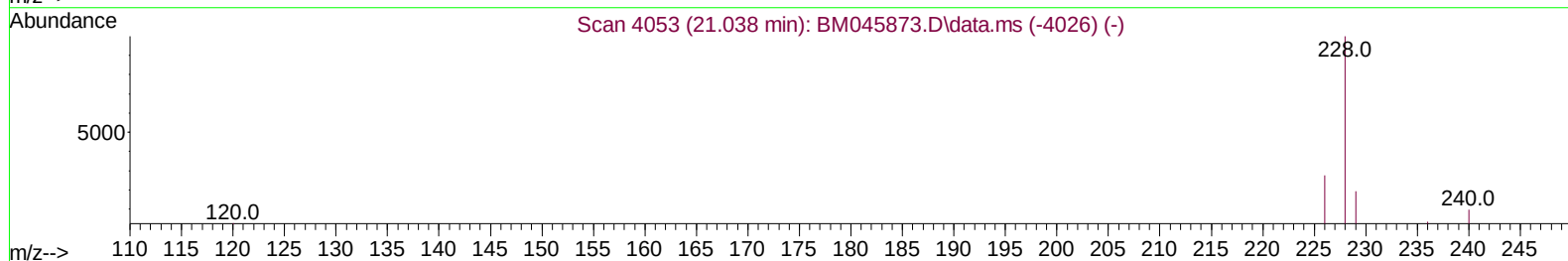
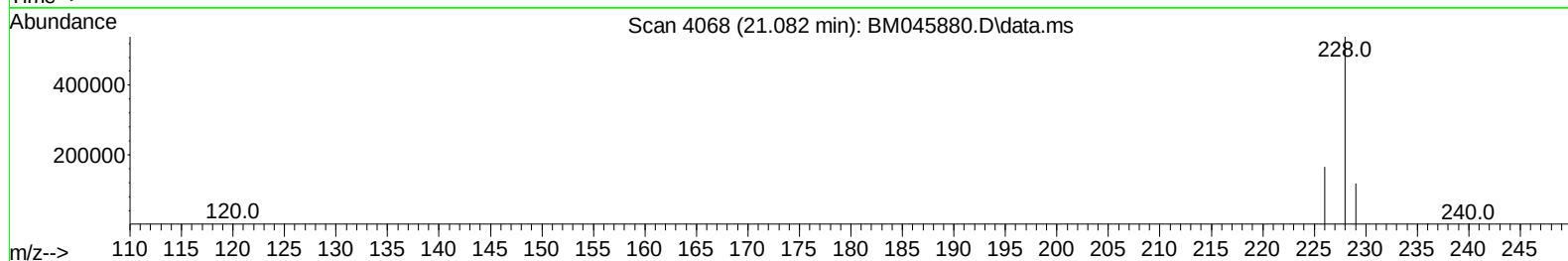
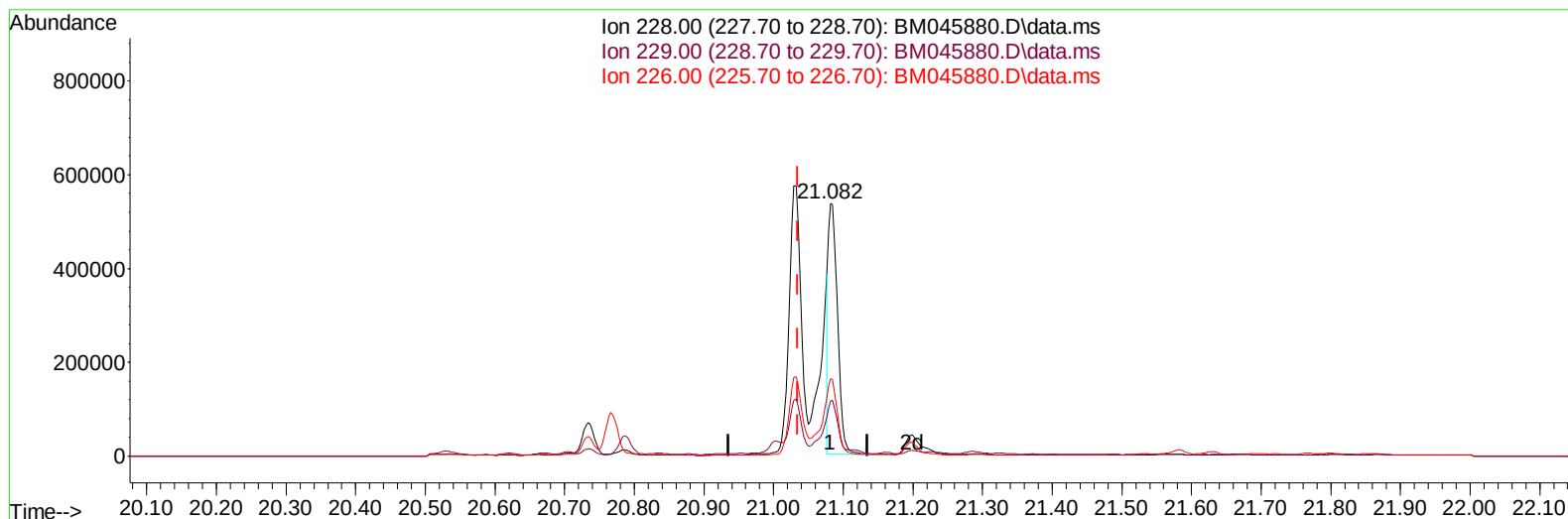
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(21) Benzo(a)anthracene

21.082min (+ 0.047) 8.09 ng/u1

response 498649

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.74
226.00	27.50	30.53
0.00	0.00	0.00

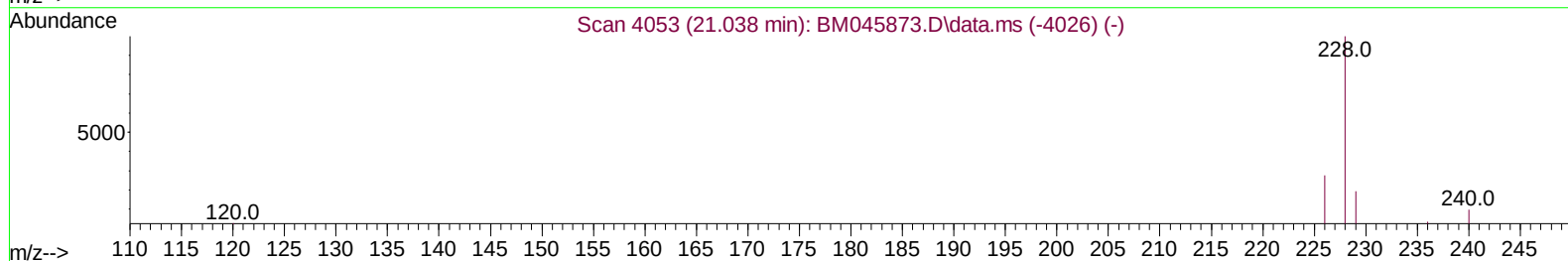
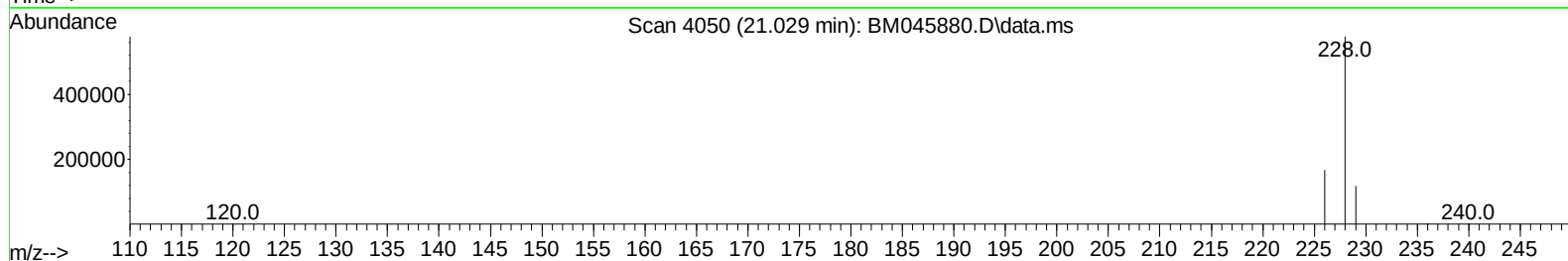
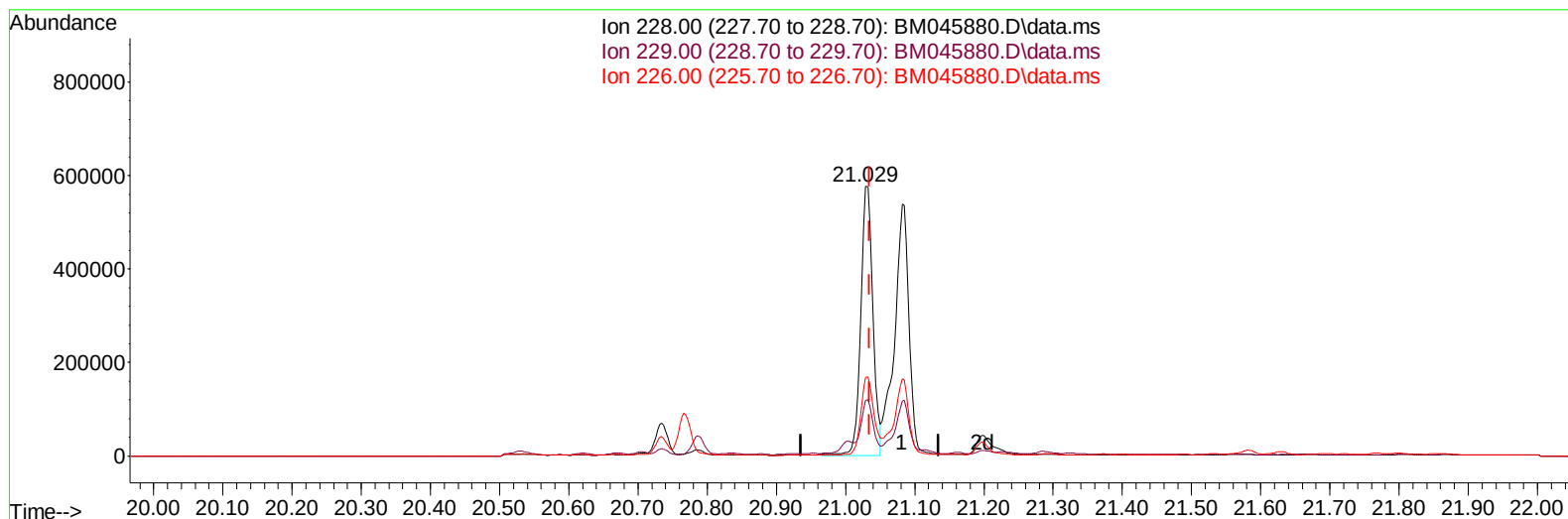
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(21) Benzo(a)anthracene

21.029min (-0.006) 11.39 ng/ul m

response 701865

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.63
226.00	27.50	29.10
0.00	0.00	0.00

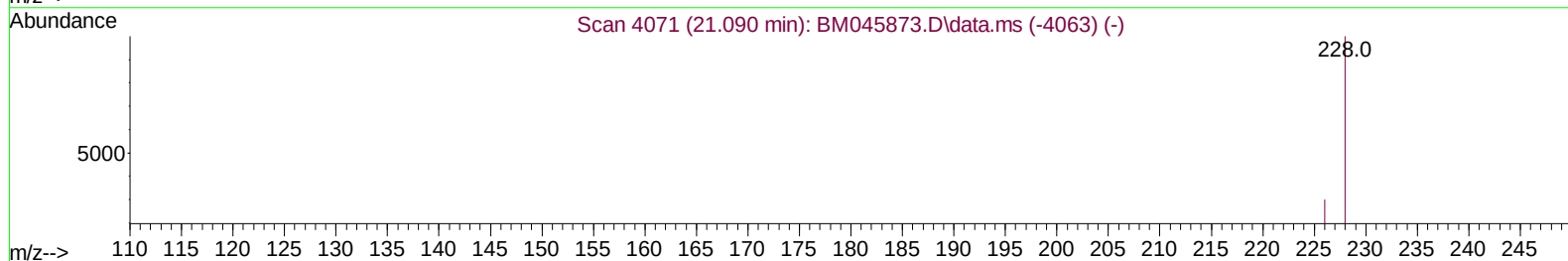
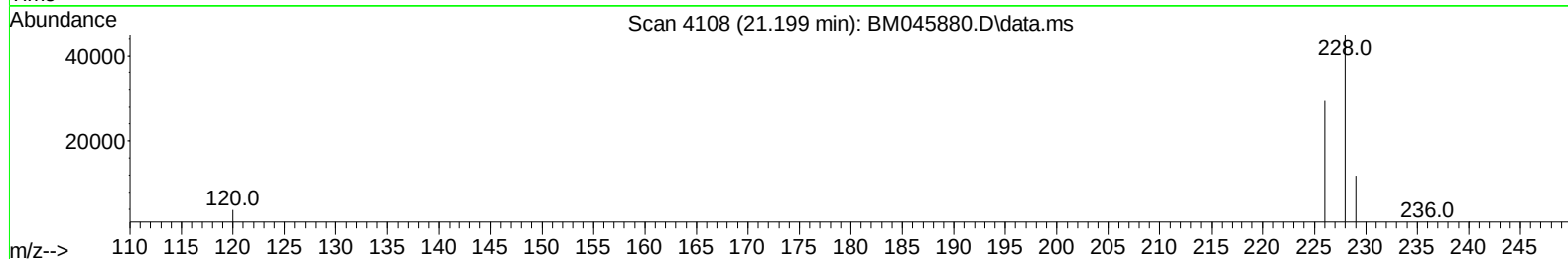
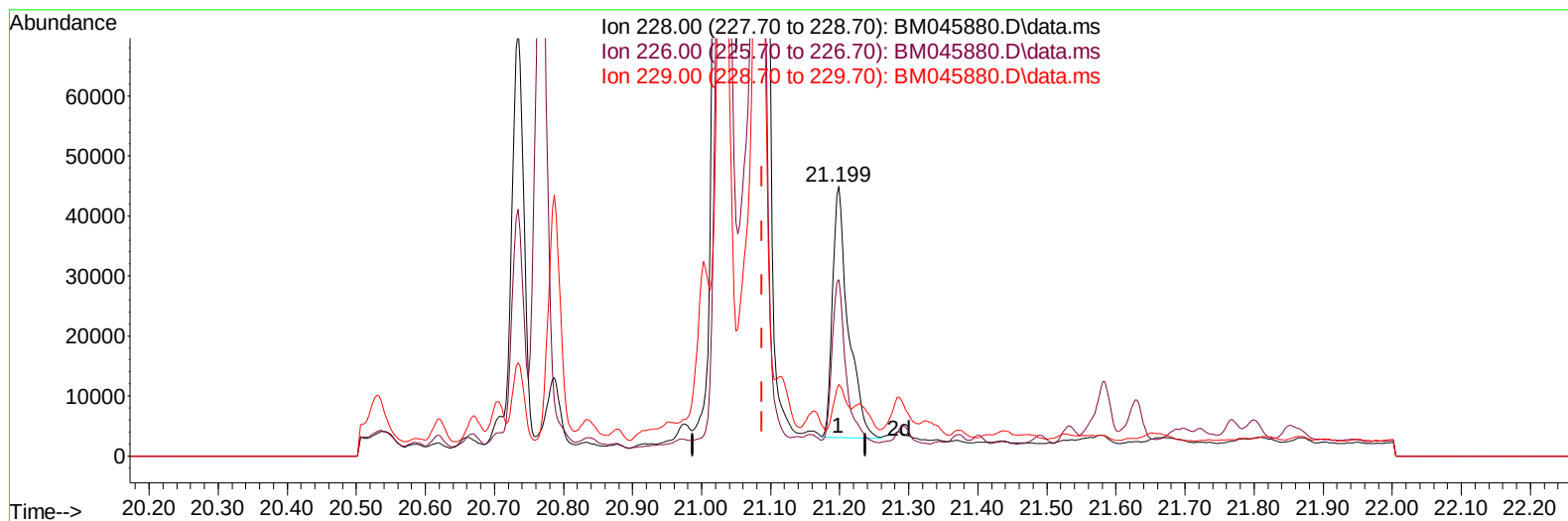
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(22) Chrysene

21.199min (+ 0.111) 0.98 ng/u1

response 65915

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	65.55#
229.00	20.20	26.47#
0.00	0.00	0.00

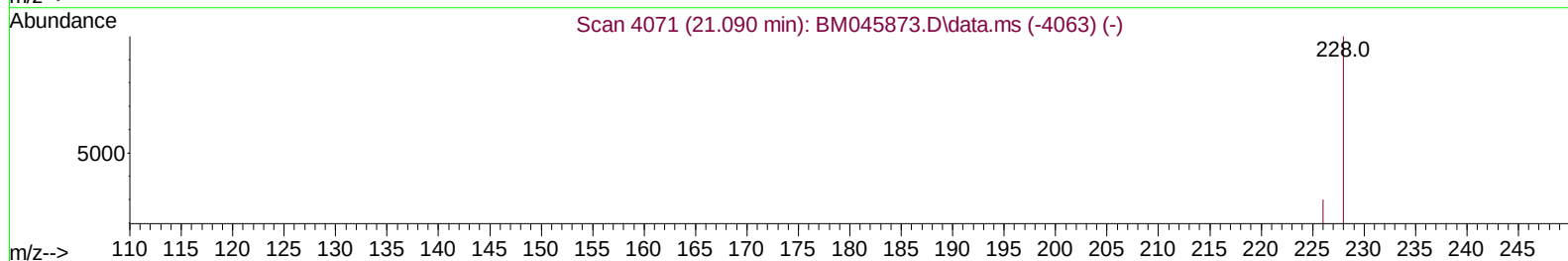
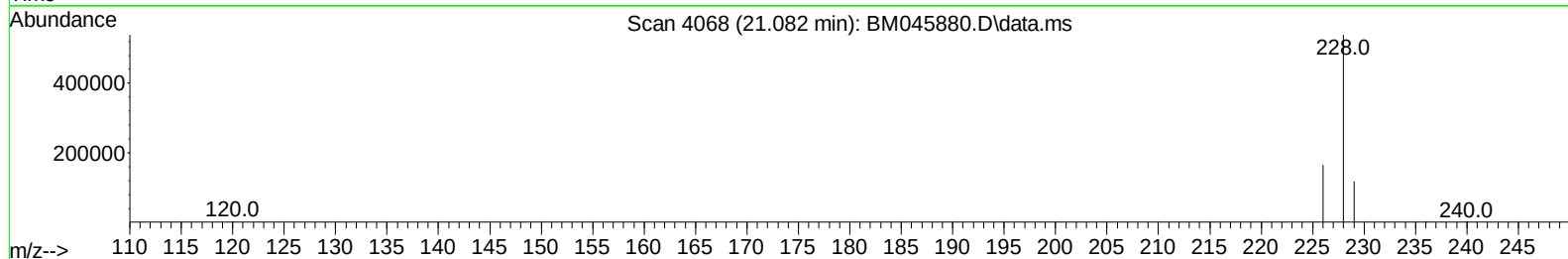
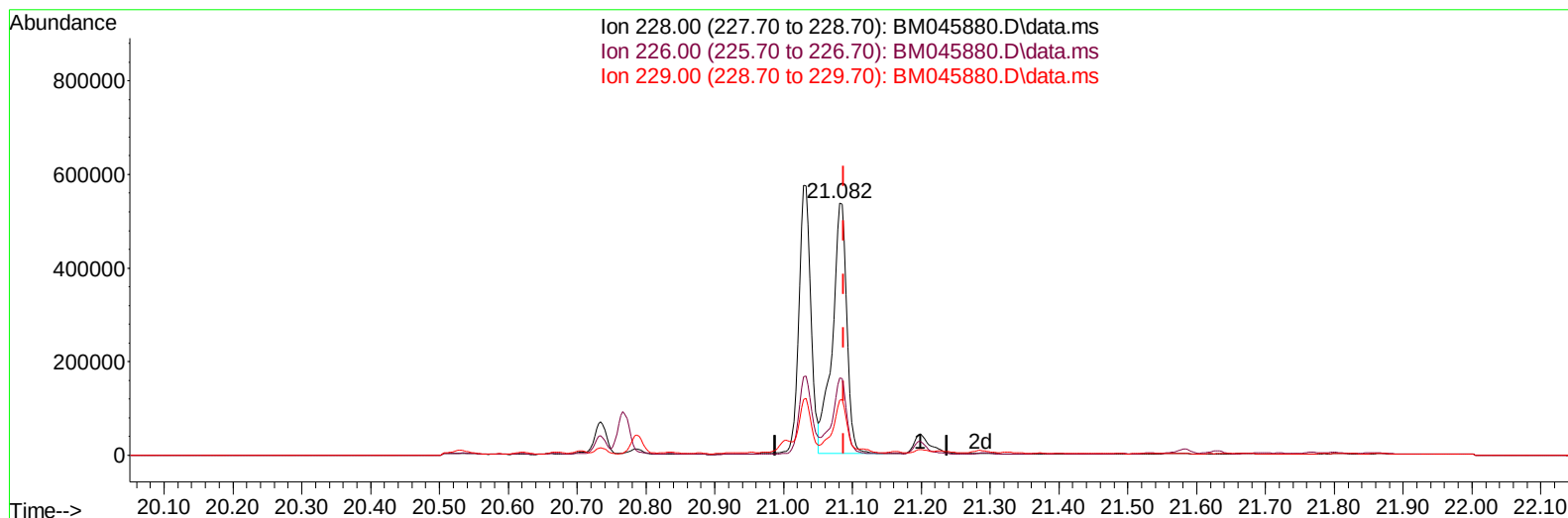
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(22) Chrysene

21.082min (-0.006) 11.73 ng/ul m

response 786853

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	30.53
229.00	20.20	21.74
0.00	0.00	0.00

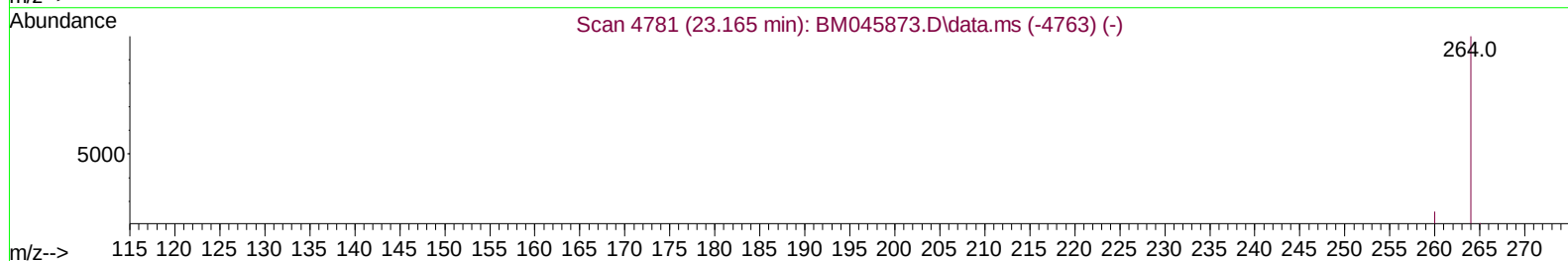
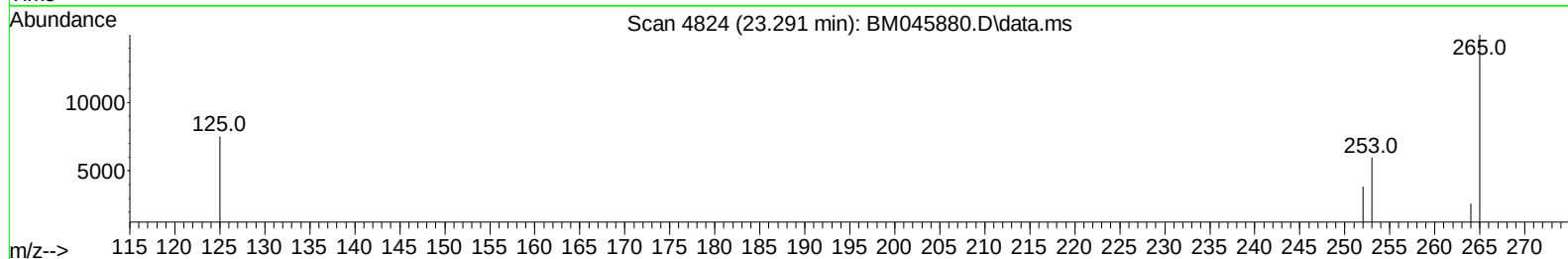
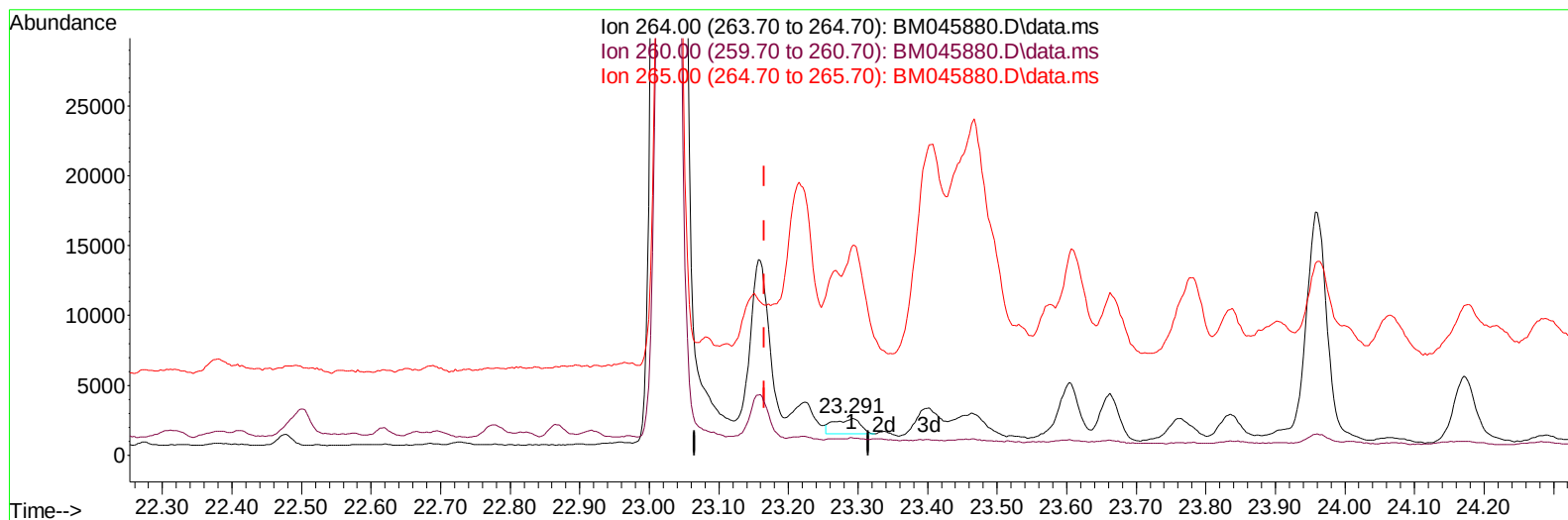
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(23) Perylene-d12 (I)

23.291min (+ 0.126) 0.40 ng/ul

response 3014

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	48.02#
265.00	76.60	569.74#
0.00	0.00	0.00

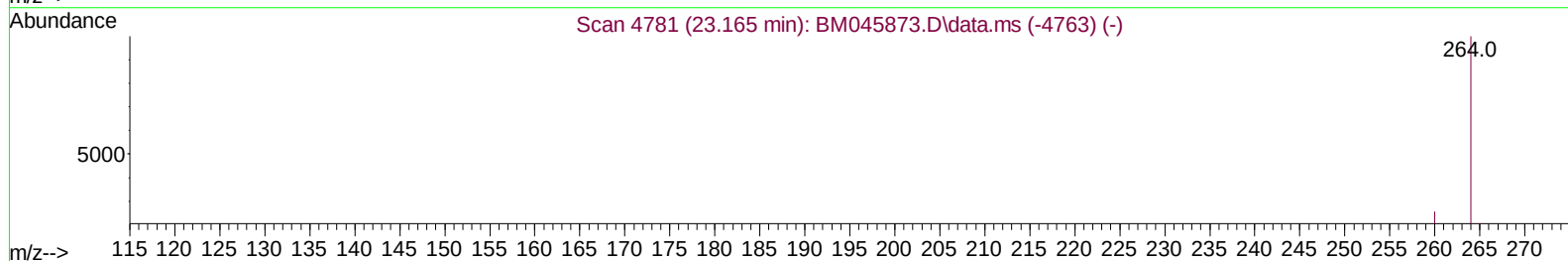
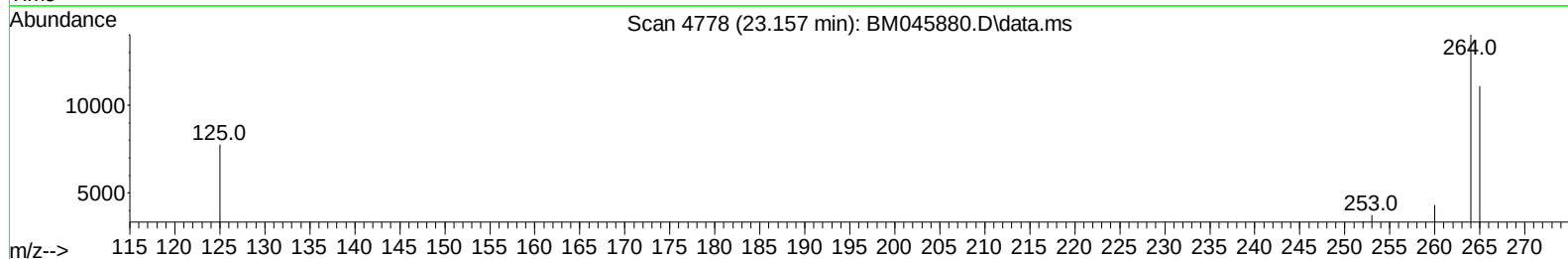
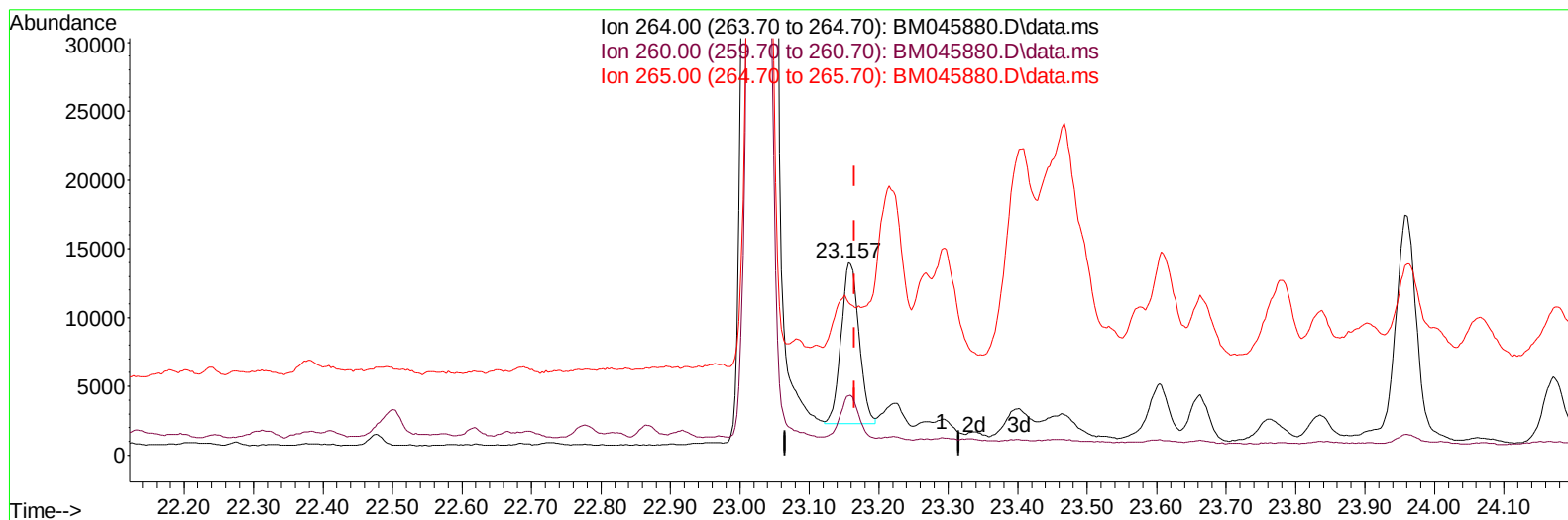
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Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(23) Perylene-d12 (I)

23.157min (-0.009) 0.40 ng/ul m

response 21094

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	30.82
265.00	76.60	79.20
0.00	0.00	0.00

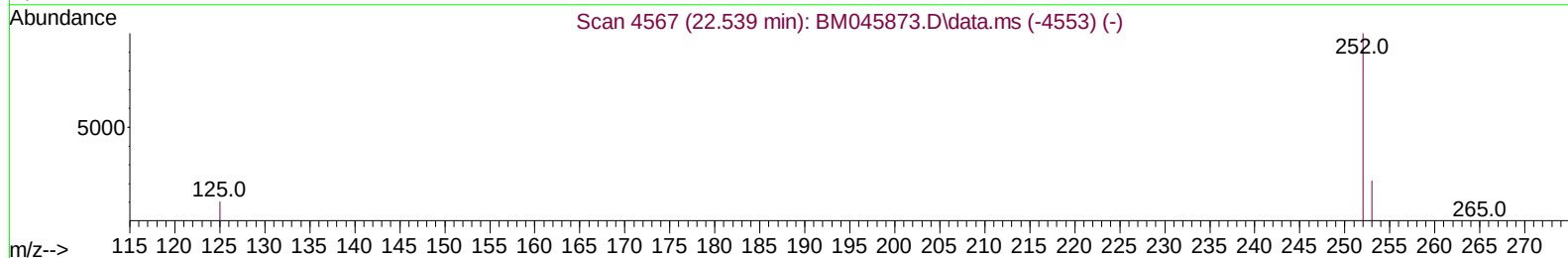
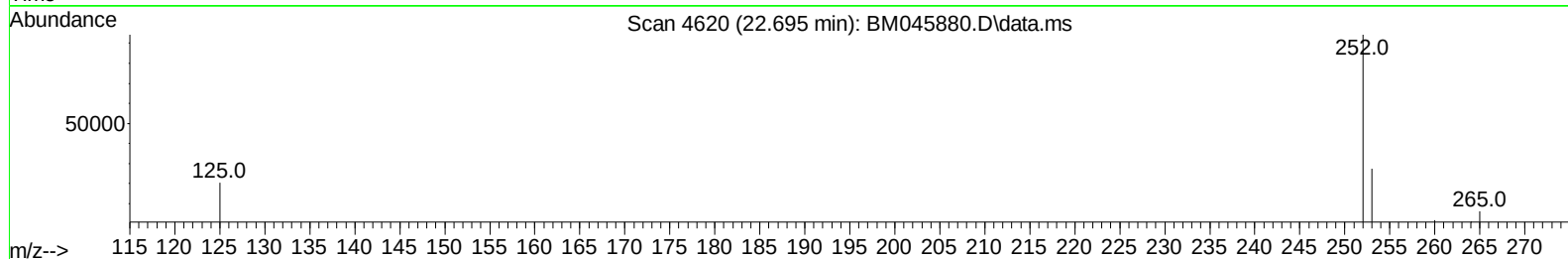
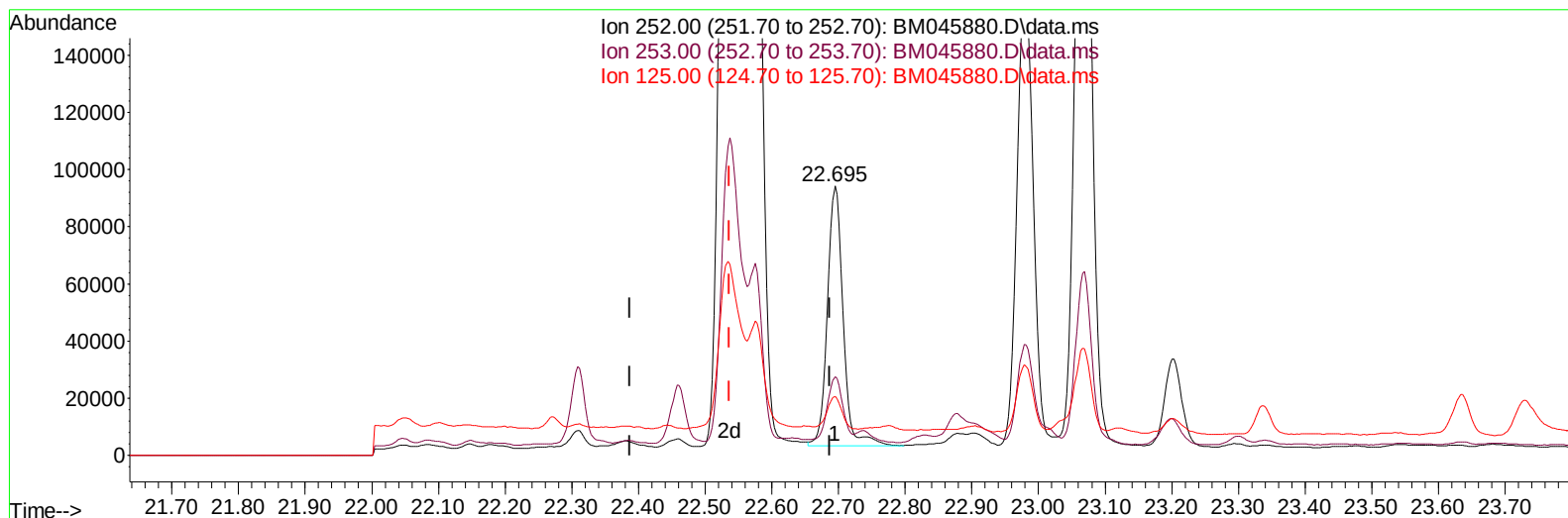
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Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(24) Benzo(b)fluoranthene

22.695min (+ 0.158) 2.11 ng/u1

response 147277

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	29.14
125.00	17.90	21.79
0.00	0.00	0.00

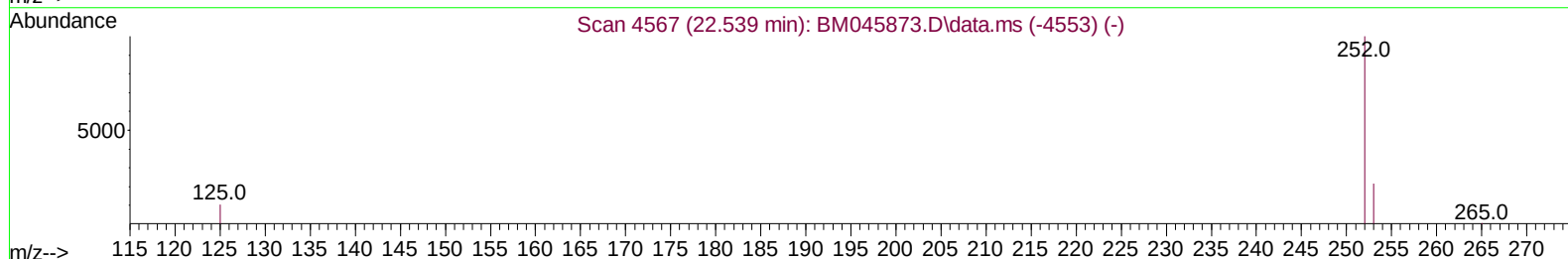
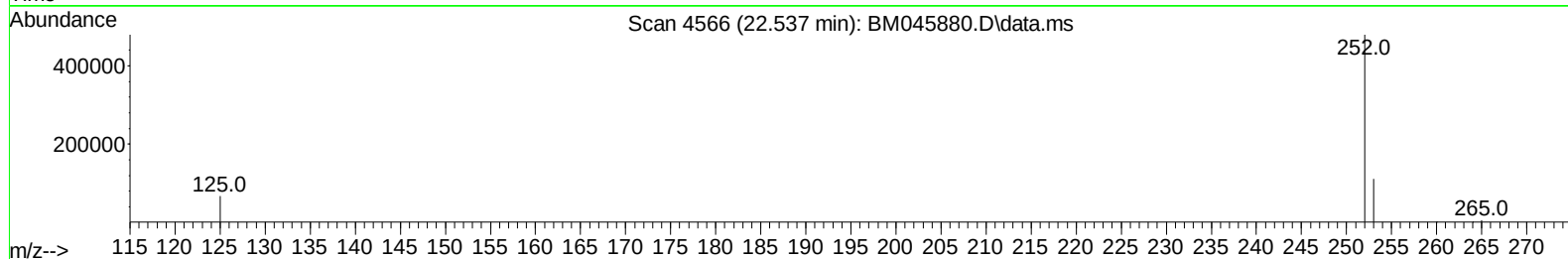
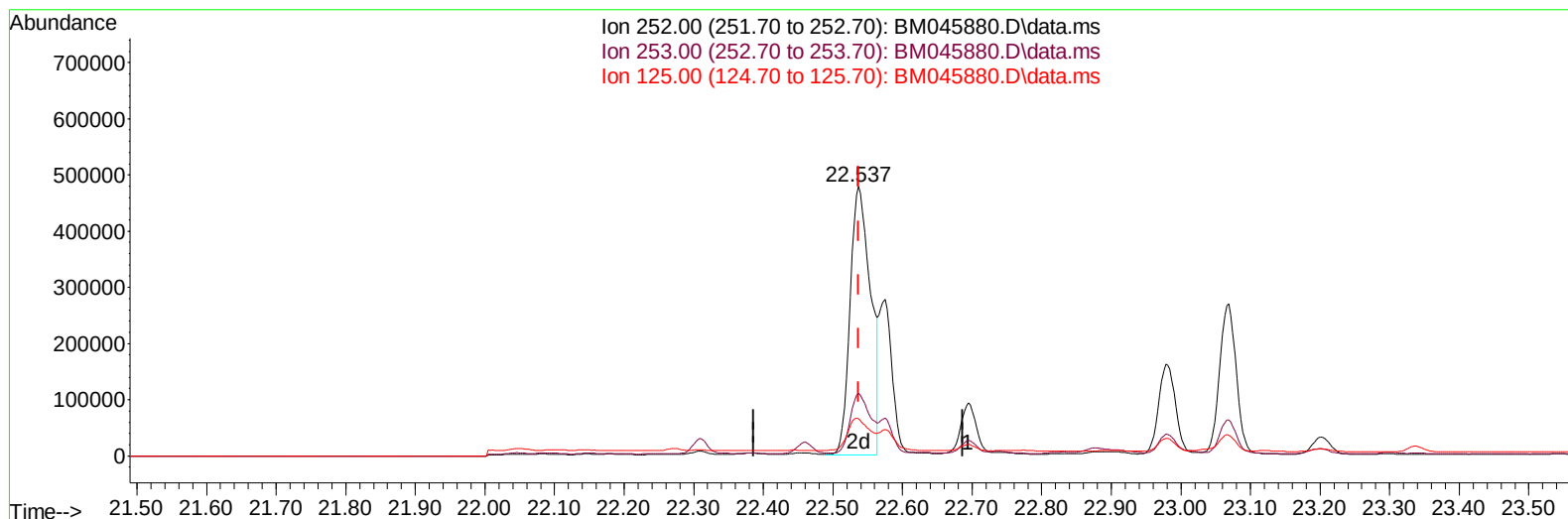
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045880.D
 Acq On : 07 Jun 2024 13:42
 Operator : MA/JU
 Sample : P2586-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(24) Benzo(b)fluoranthene

22.537min (-0.000) 13.86 ng/ul m

response 969883

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	23.19
125.00	17.90	13.90
0.00	0.00	0.00

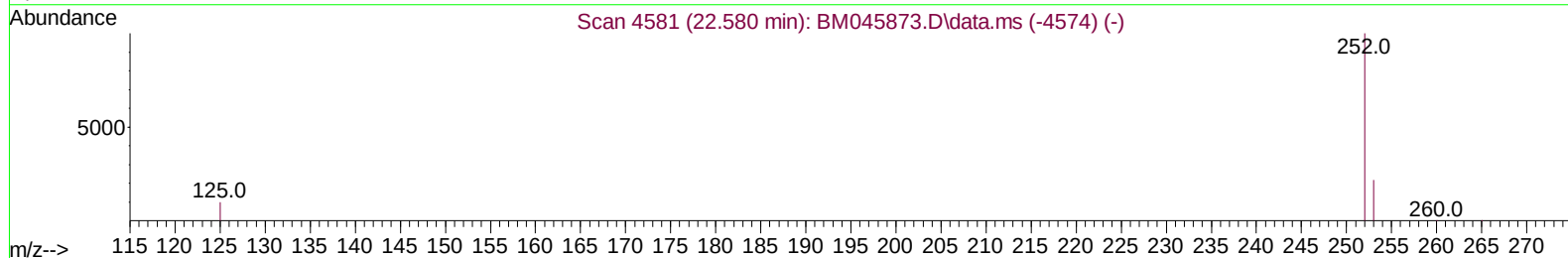
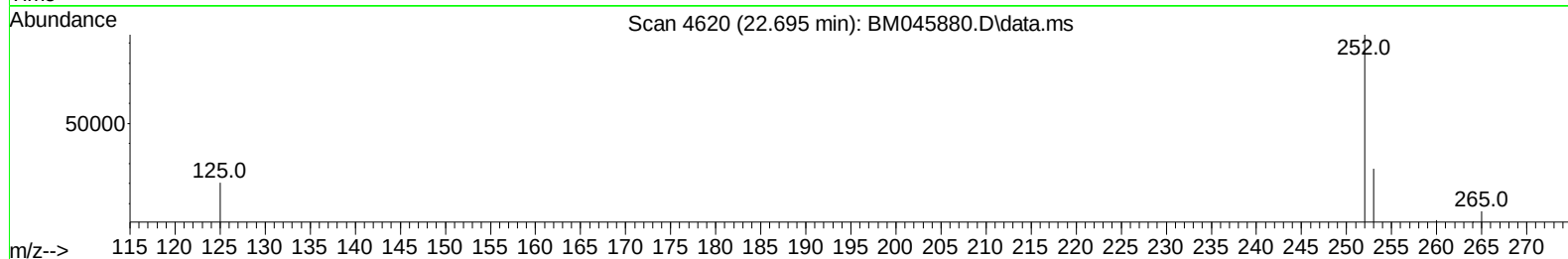
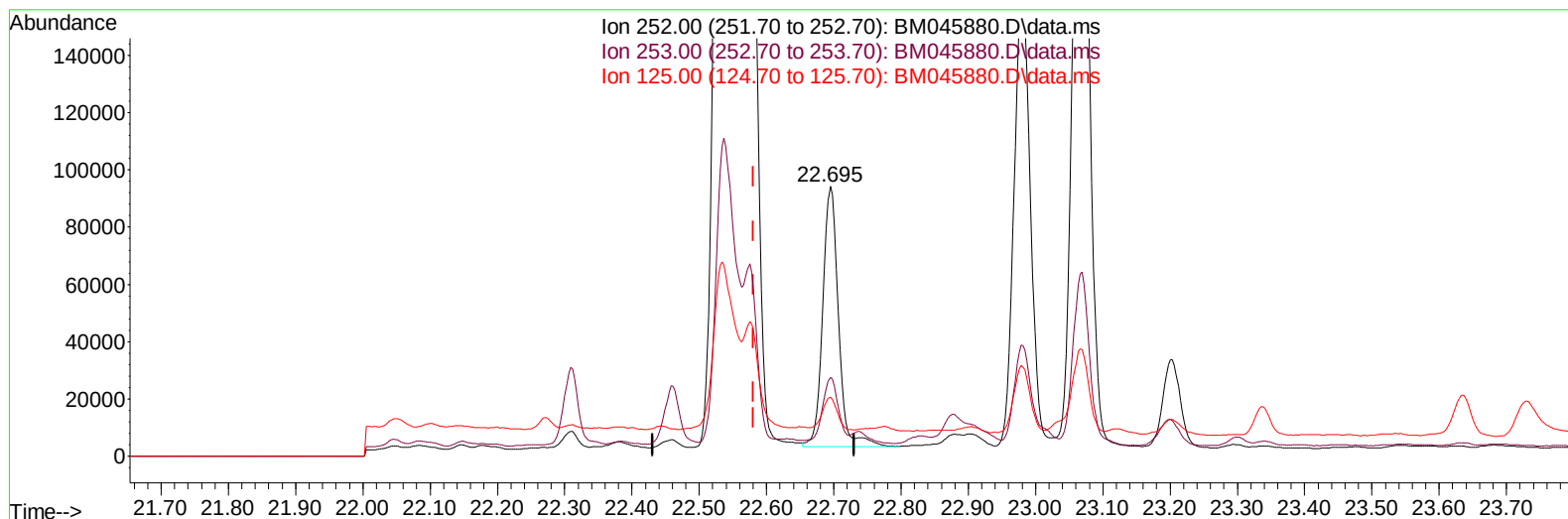
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(25) Benzo(k)fluoranthene

22.695min (+ 0.114) 1.92 ng/u1

response 147277

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	29.14
125.00	17.70	21.79#
0.00	0.00	0.00

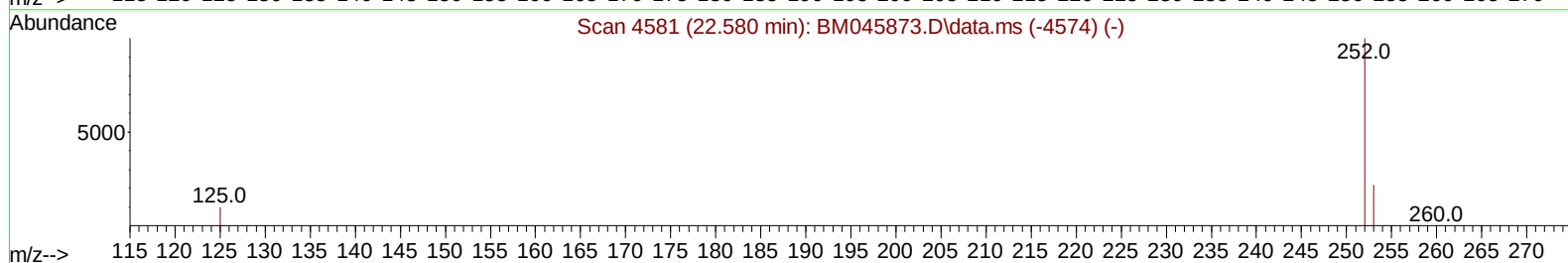
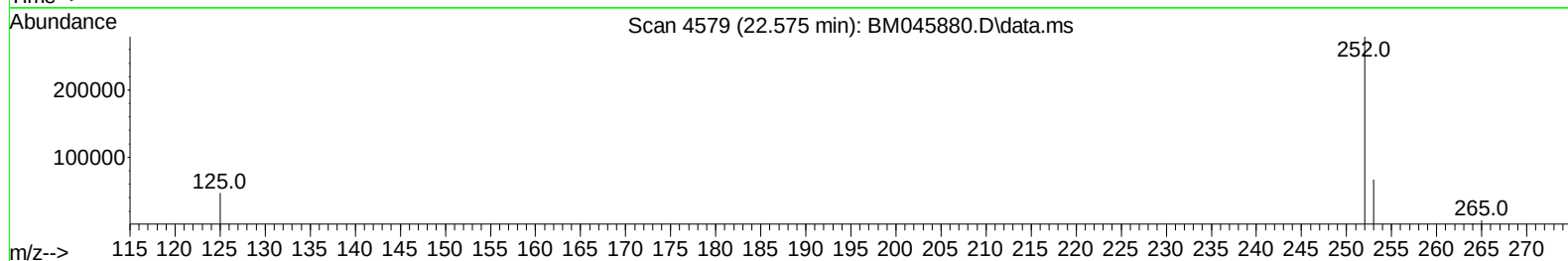
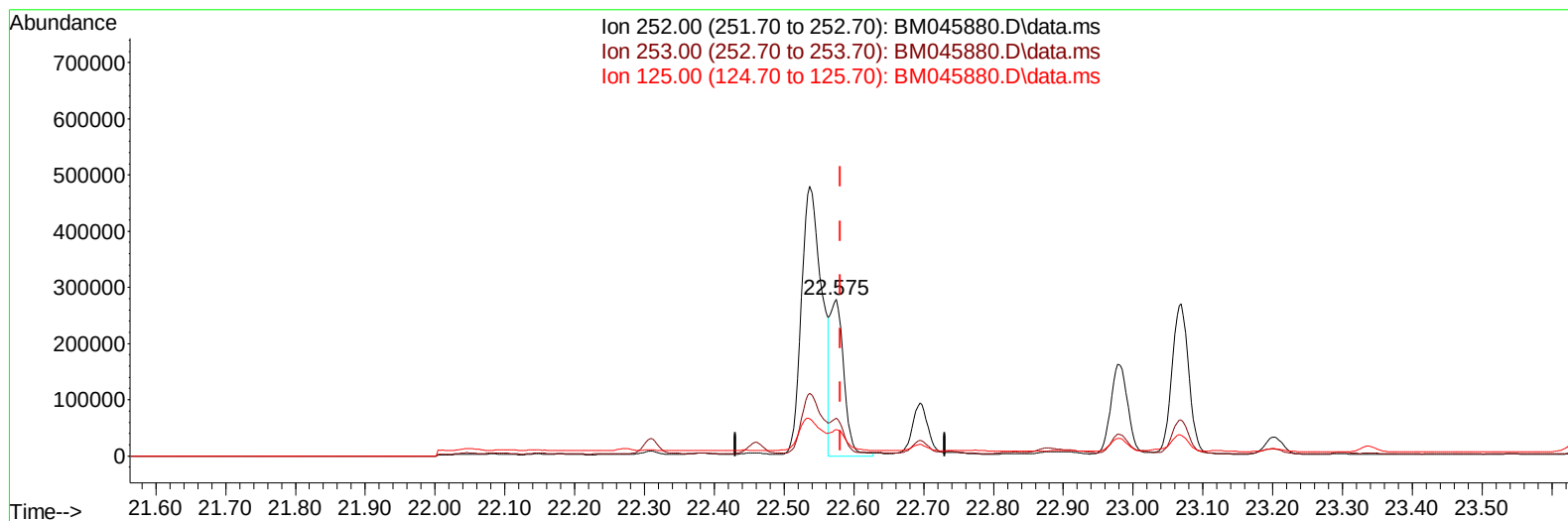
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(25) Benzo(k)fluoranthene

22.575min (-0.006) 4.90 ng/u1 m

response 376961

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	24.10#
125.00	17.70	16.82
0.00	0.00	0.00

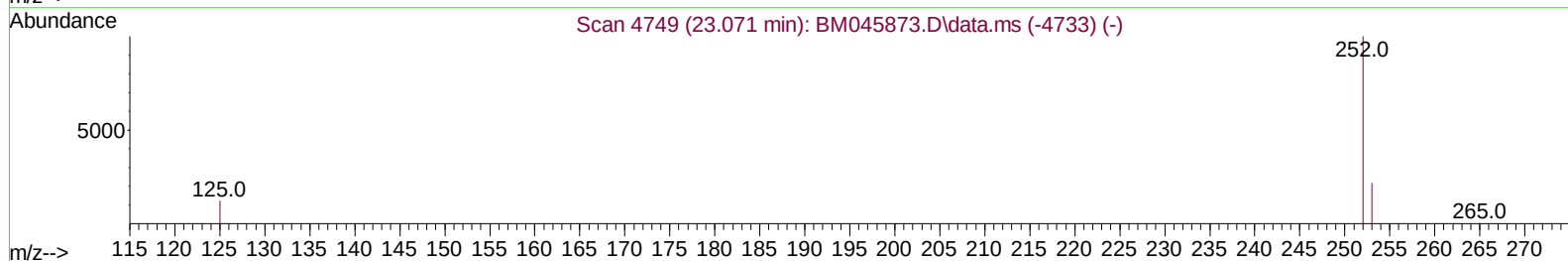
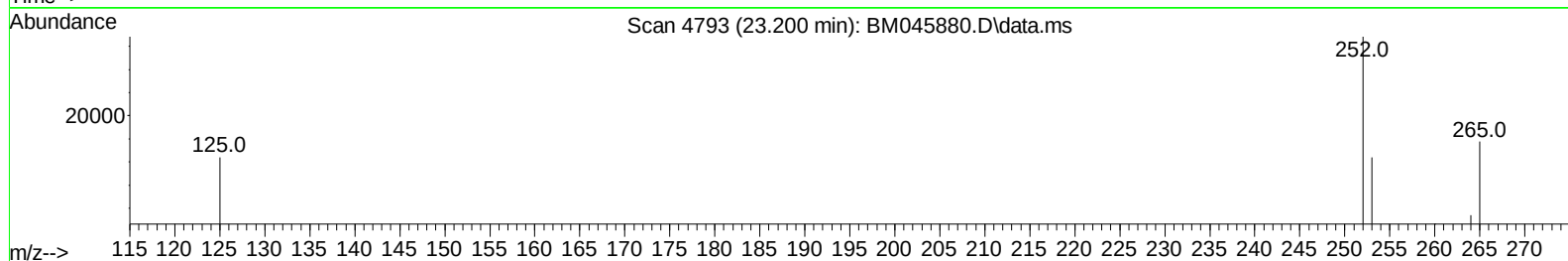
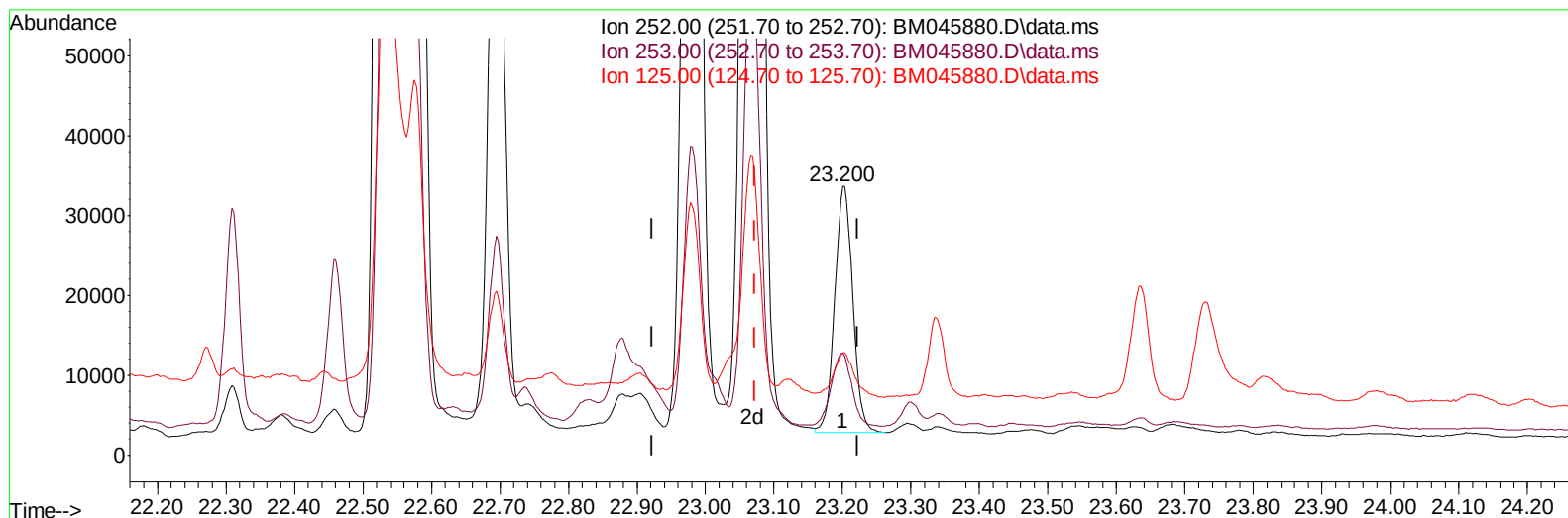
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(26) Benzo(a)pyrene (C)

23.200min (+ 0.128) 0.81 ng/u1

response 56593

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	37.94
125.00	21.60	38.03#
0.00	0.00	0.00

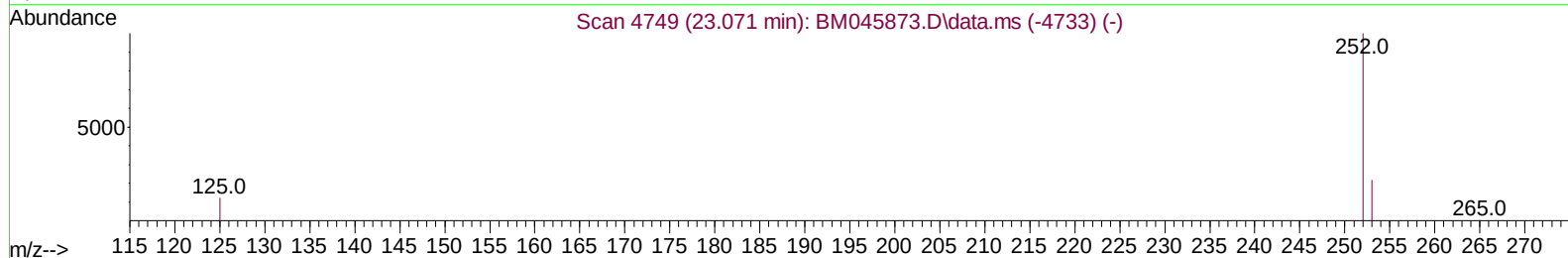
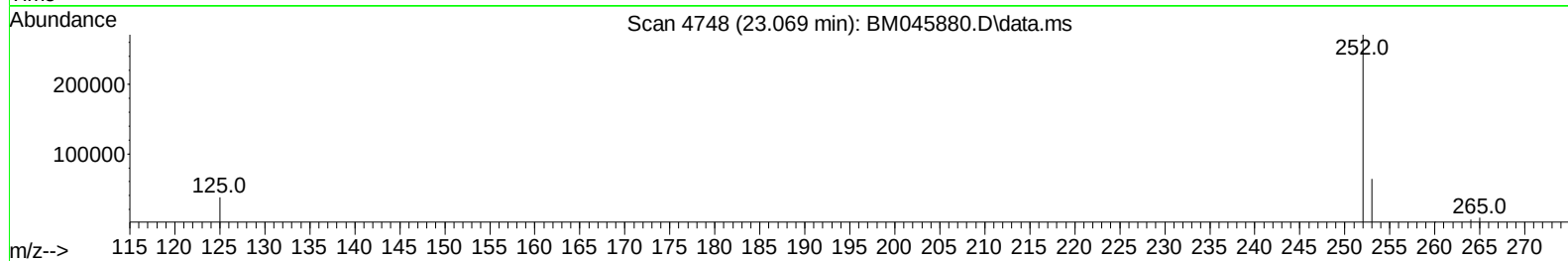
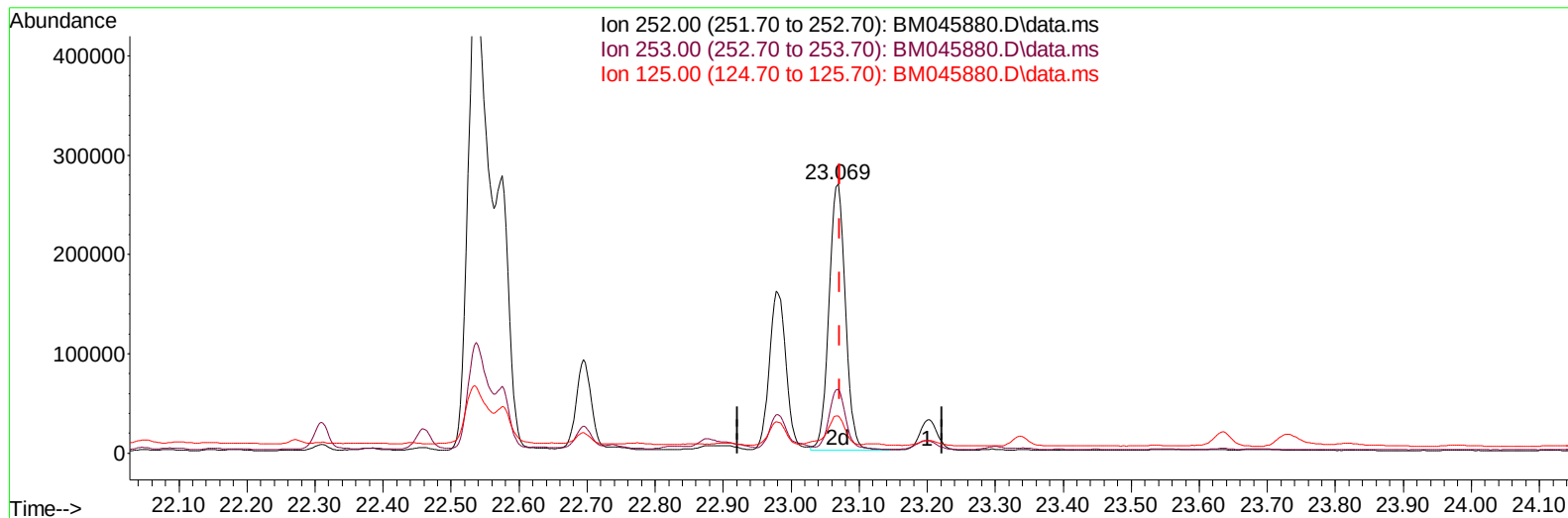
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

(26) Benzo(a)pyrene (C)

23.069min (-0.003) 6.45 ng/ul m

response 449020

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	23.74#
125.00	21.60	13.78#
0.00	0.00	0.00

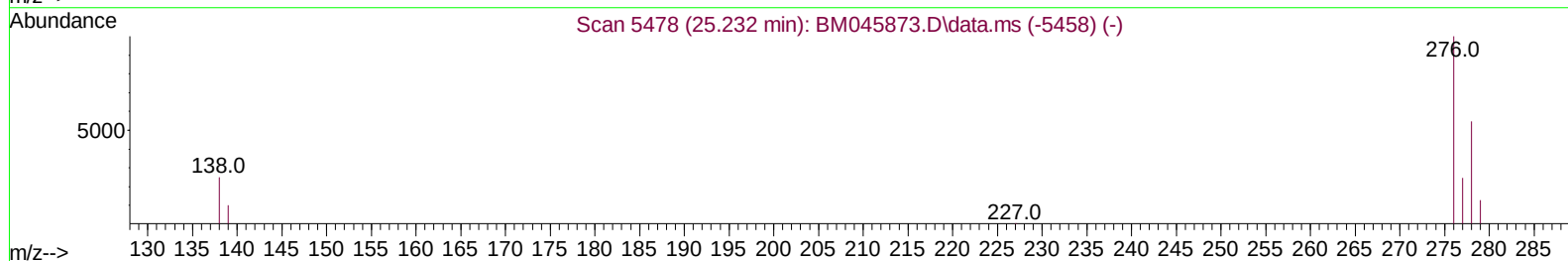
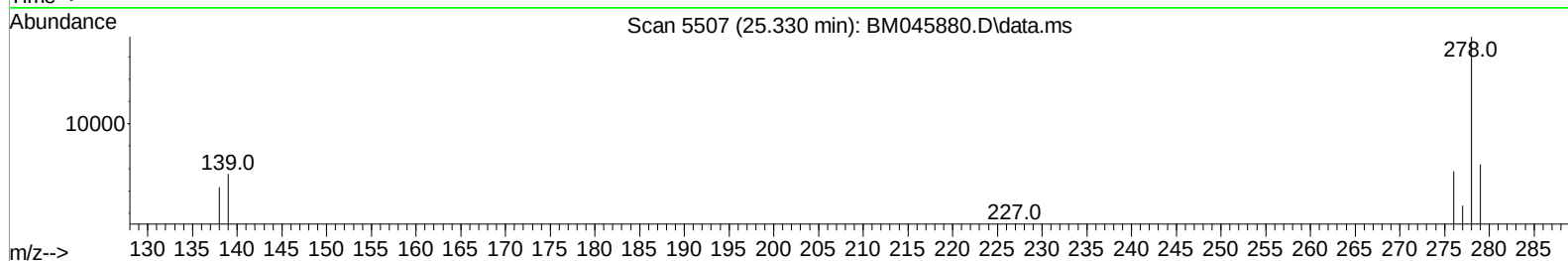
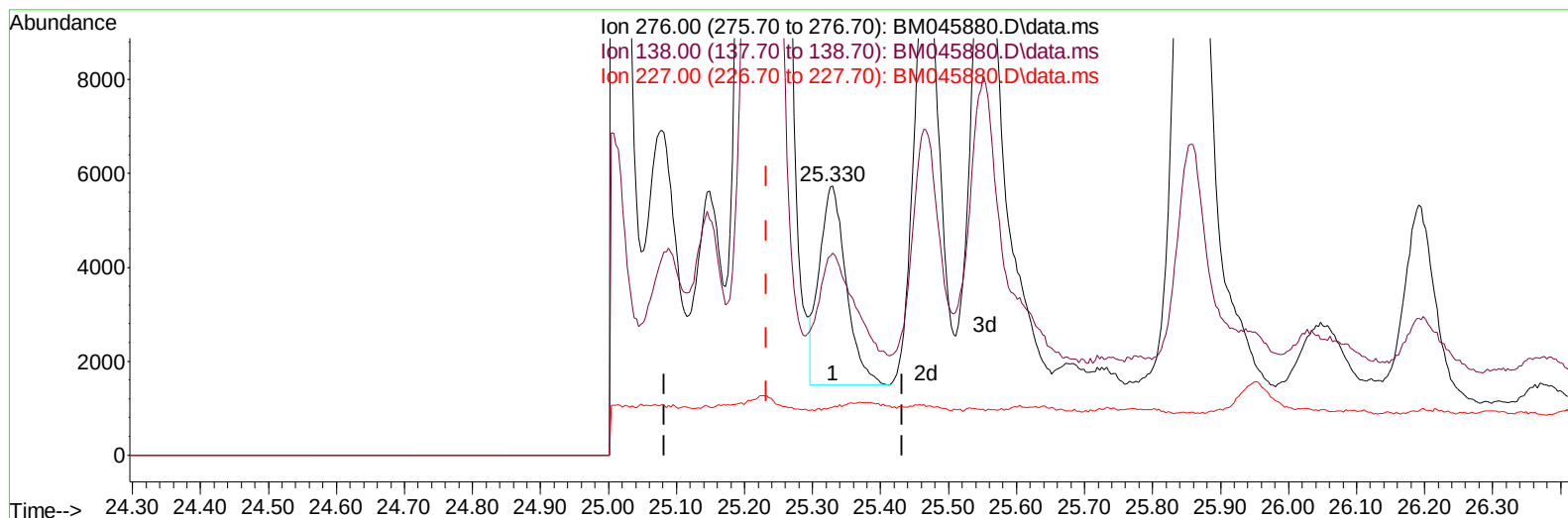
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

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

Quant Time: Jun 07 14:14:50 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



TIC: BM045880.D\data.ms

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

25.330min (+ 0.098) 0.13 ng/u1

response 11641

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	64.54#
227.00	0.20	1.12#
0.00	0.00	0.00

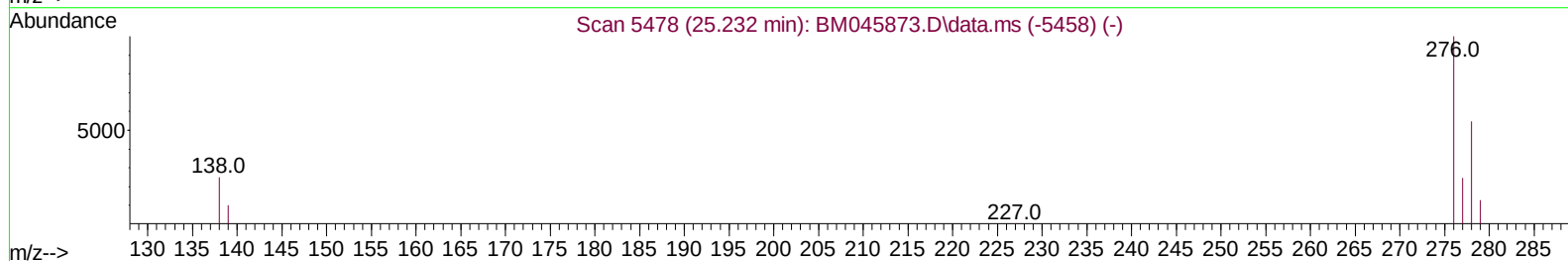
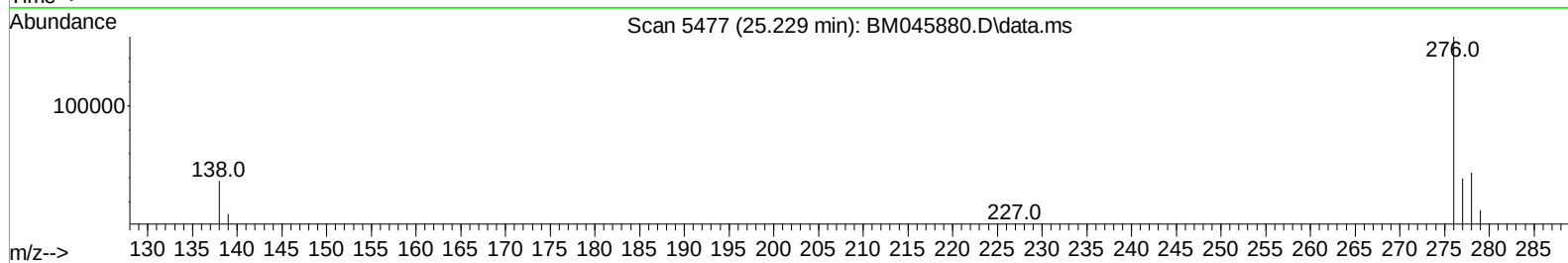
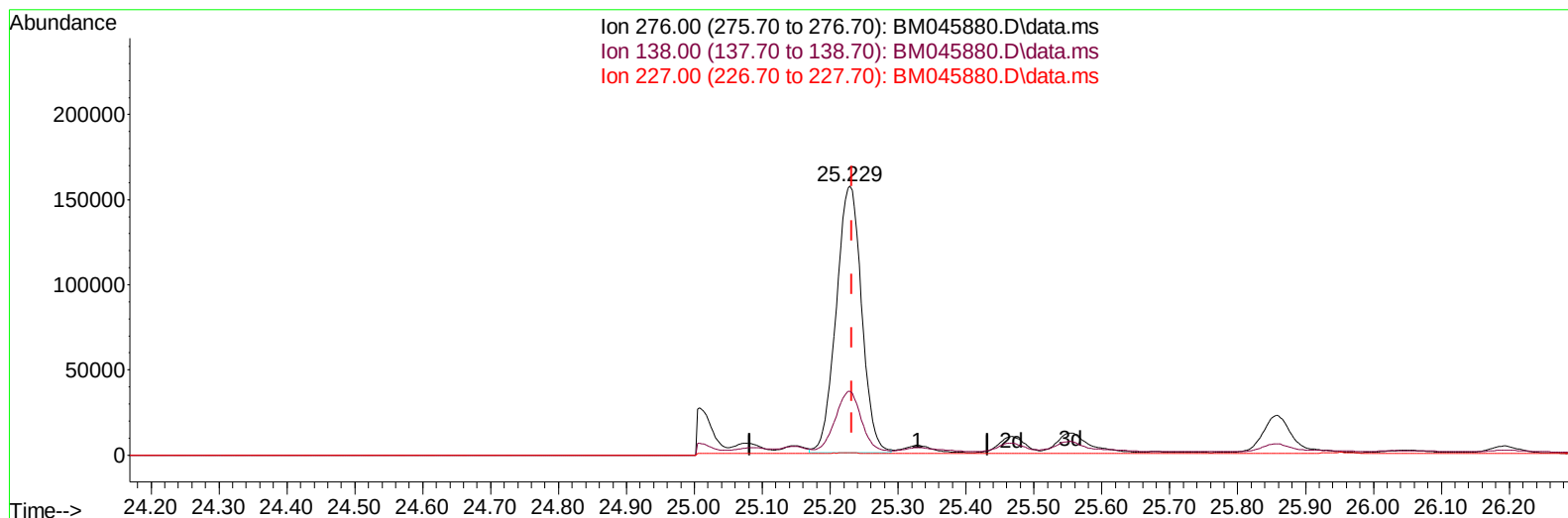
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:14:50 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: BM045880.D\data.ms

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

25.229min (-0.003) 4.53 ng/ul m

response 407845

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	1.84#
227.00	0.20	0.03#
0.00	0.00	0.00

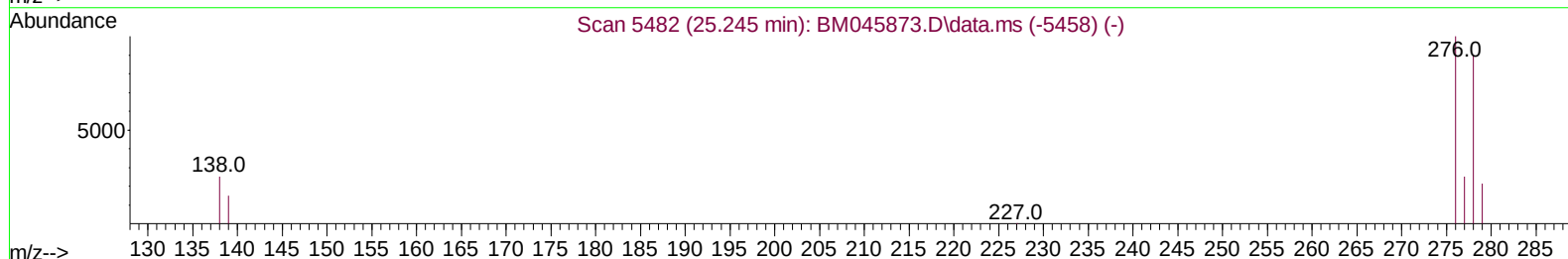
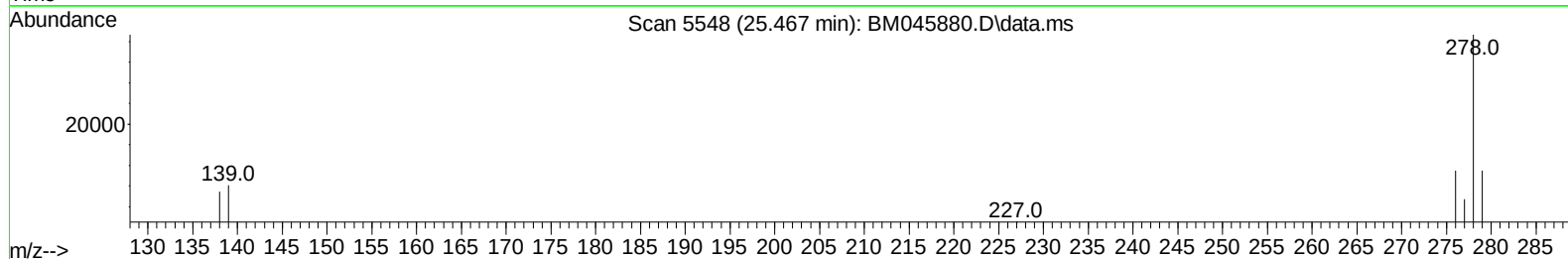
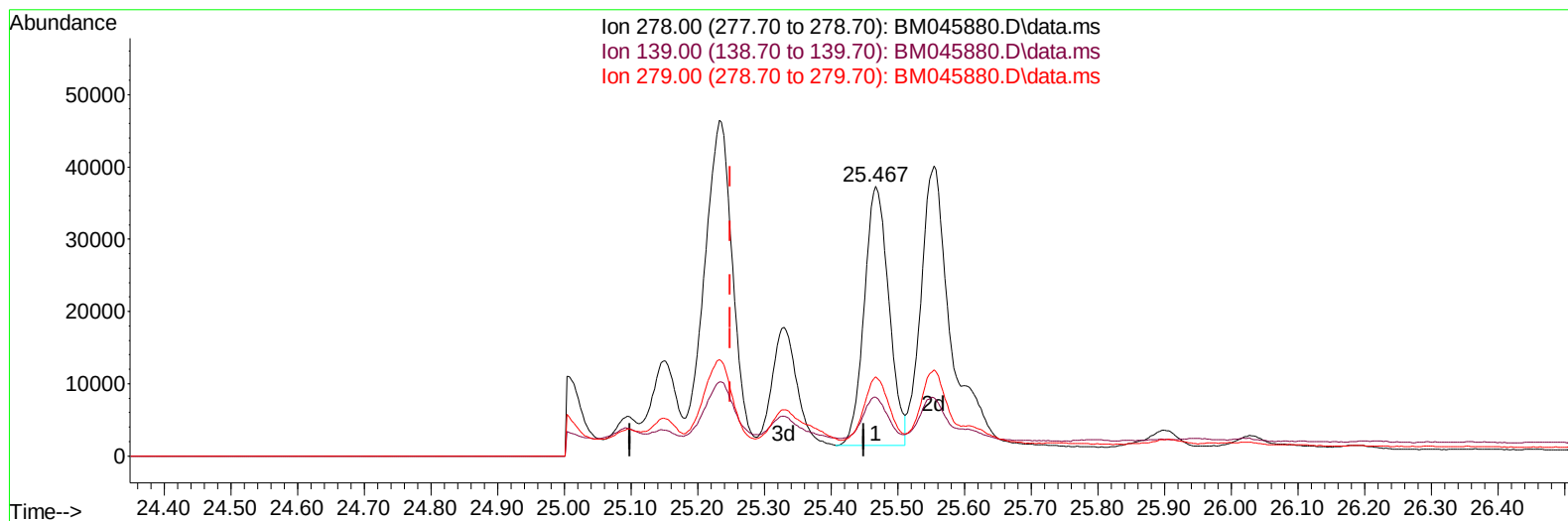
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045880.D\data.ms

(28) Dibenzo(a,h)anthracene

25.467min (+ 0.218) 1.28 ng/u1

response 92250

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	21.75
279.00	30.80	29.36
0.00	0.00	0.00

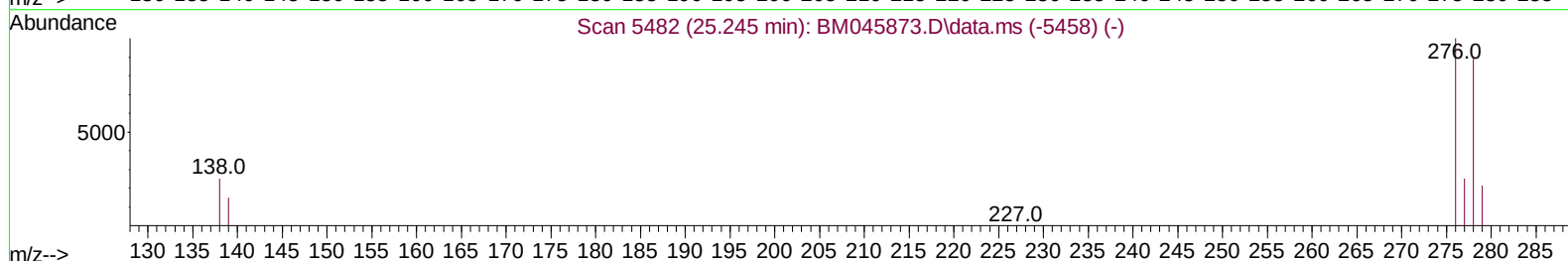
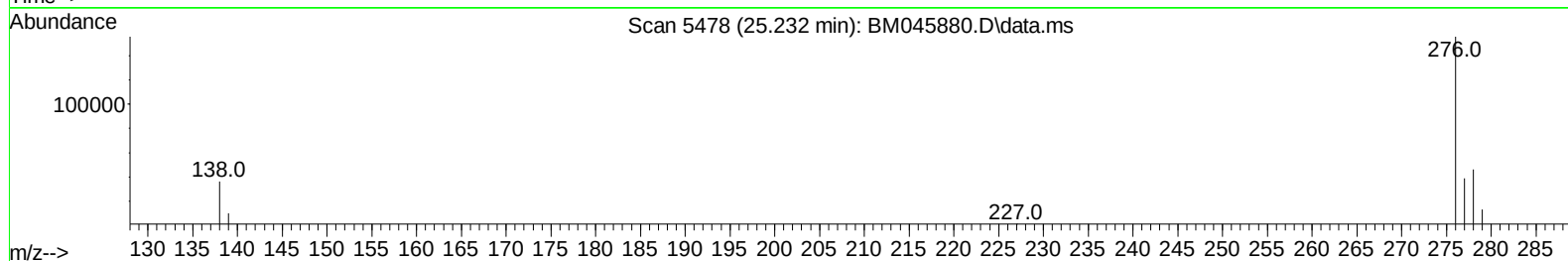
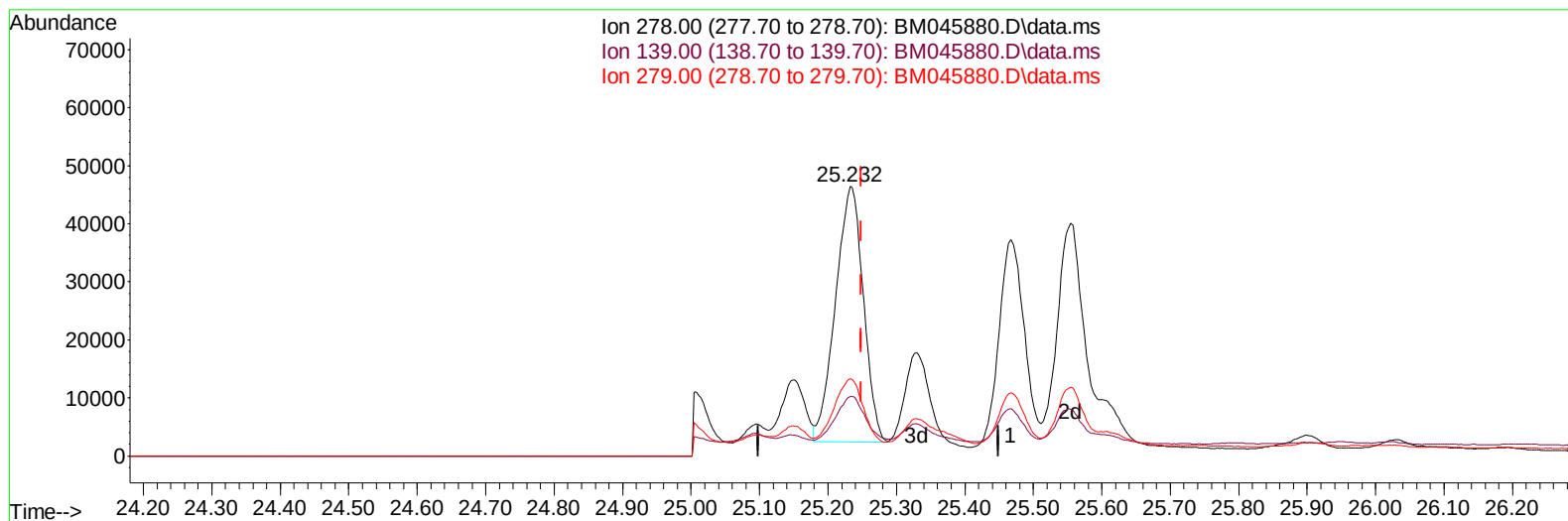
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045880.D\data.ms

(28) Dibenzo(a,h)anthracene

25.232min (-0.017) 1.73 ng/ul m

response 124696

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	22.08
279.00	30.80	28.76
0.00	0.00	0.00

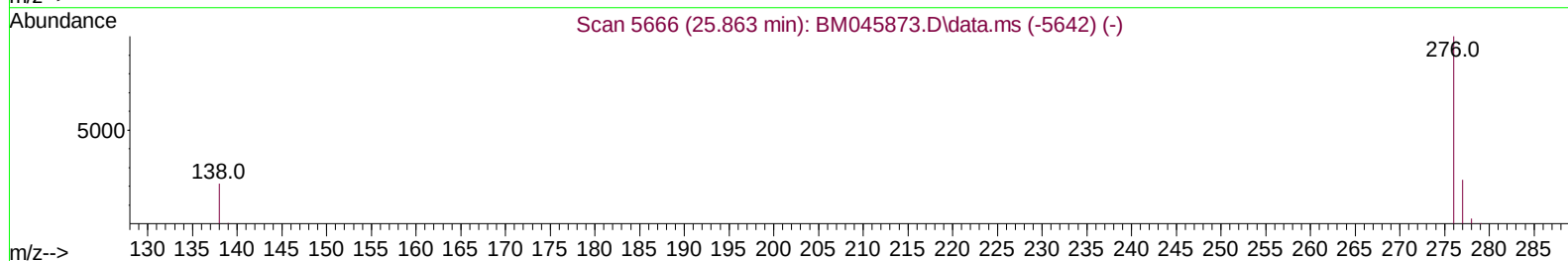
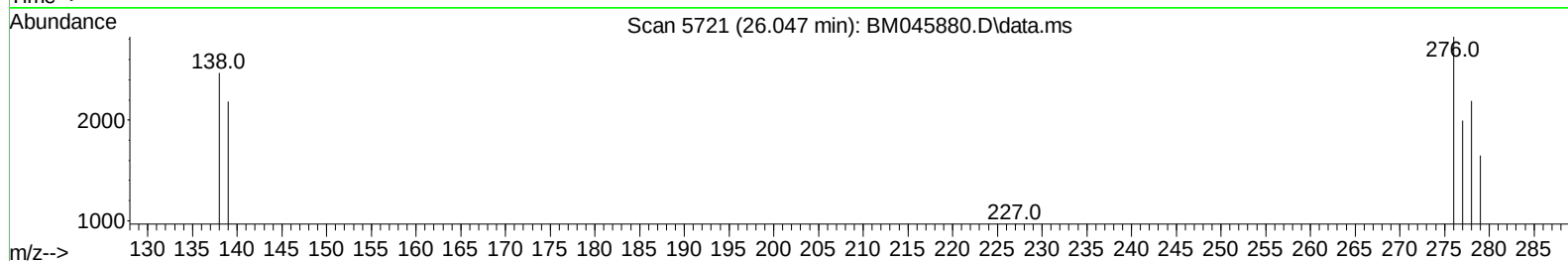
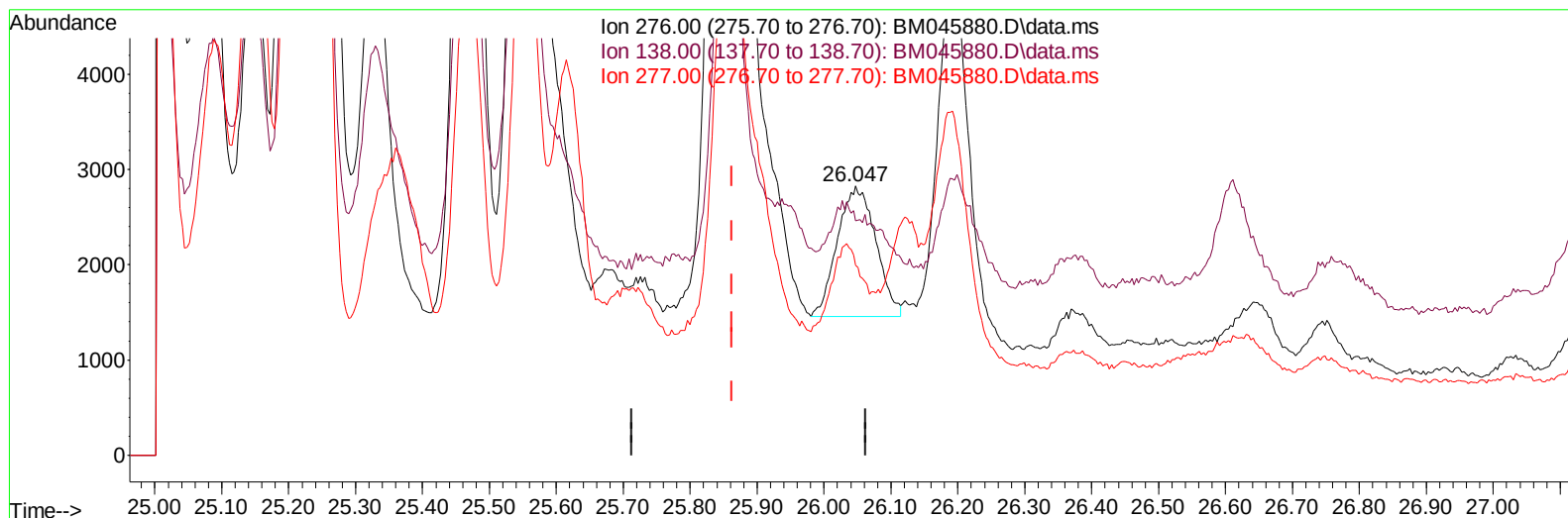
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045880.D
 Acq On : 07 Jun 2024 13:42
 Operator : MA/JU
 Sample : P2586-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BM045880.D\data.ms

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

26.047min (+ 0.185) 0.07 ng/u1

response 5466

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	87.19#
277.00	25.60	70.57#
0.00	0.00	0.00

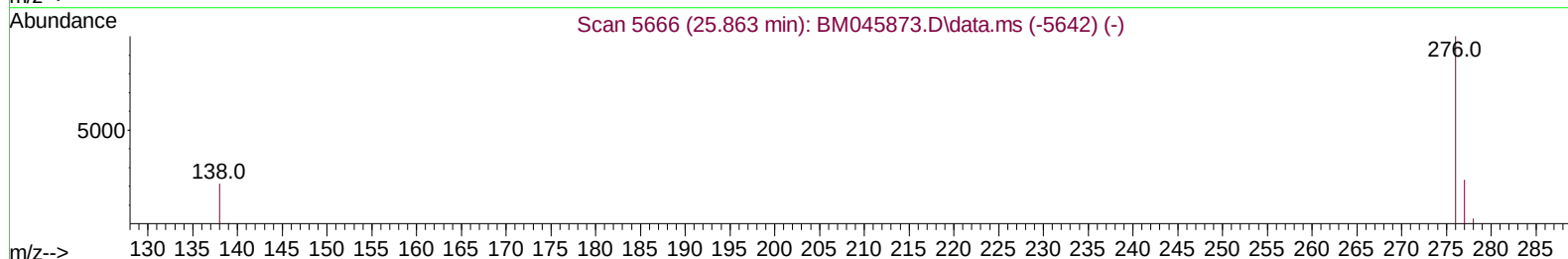
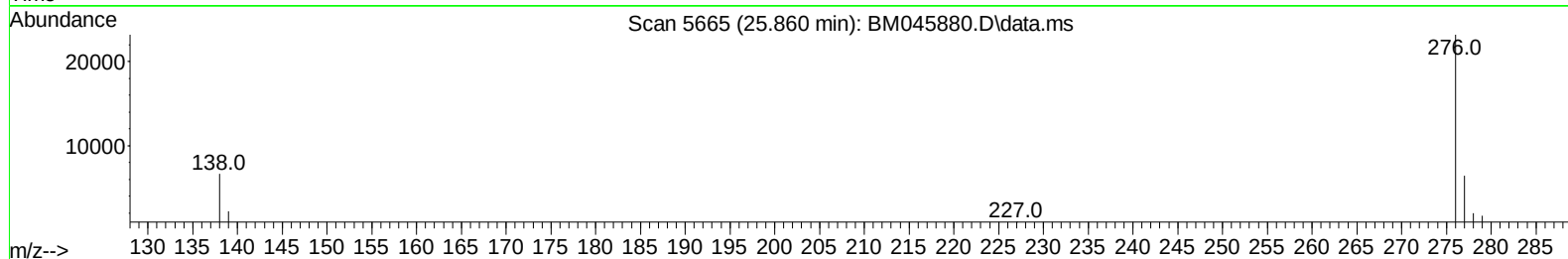
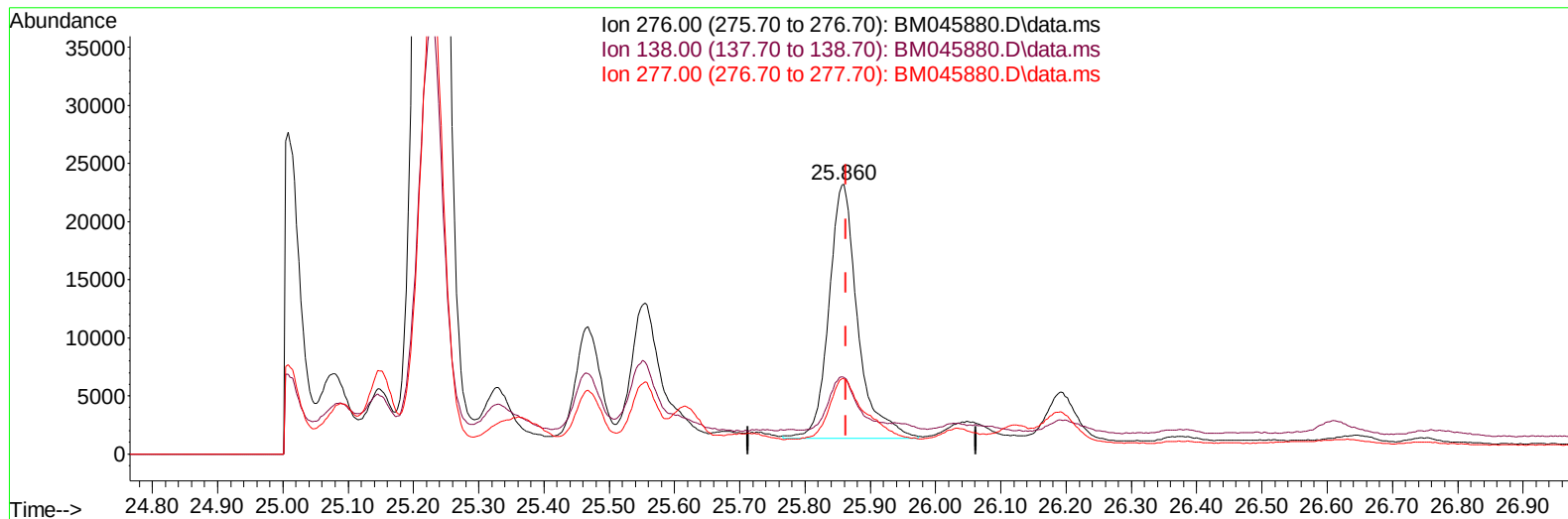
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045880.D
Acq On : 07 Jun 2024 13:42
Operator : MA/JU
Sample : P2586-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18

Manual IntegrationsAPPROVED

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TIC: BM045880.D\data.ms

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

25.860min (-0.003) 0.86 ng/ul m

response 67055

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	28.53
277.00	25.60	27.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045880.D
 Acq On : 07 Jun 2024 13:42
 Operator : MA/JU
 Sample : P2586-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D18

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	7384	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	24842	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	12924	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	27784m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.047	240	16783m	0.400	ng/ul	0.00
23) Perylene-d12	23.157	264	21094m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	36723	4.366	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	9857	0.276	ng/ul	-0.01
18) Fluoranthene-d10	18.884	212	19809m	0.394	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.286	128	53916	0.830	ng/ul	99
7) 2-Methylnaphthalene	11.914	142	19886	0.480	ng/ul	100
8) 1-Methylnaphthalene	12.134	142	15612	0.347	ng/ul	100
10) Acenaphthylene	13.830	152	78432	1.334	ng/ul	98
11) Acenaphthene	14.172	153	27841	0.645	ng/ul	100
12) Fluorene	15.167	166	38487	0.797	ng/ul	98
14) Pentachlorophenol	16.532	266	545	0.105	ng/ul	98
15) Phenanthrene	16.895	178	820111m	10.513	ng/ul	
16) Anthracene	16.984	178	150718m	2.265	ng/ul	
19) Fluoranthene	18.917	202	1611036m	24.073	ng/ul	
20) Pyrene	19.279	202	1312148m	18.795	ng/ul	
21) Benzo(a)anthracene	21.029	228	701865m	11.393	ng/ul	
22) Chrysene	21.082	228	786853m	11.732	ng/ul	
24) Benzo(b)fluoranthene	22.537	252	969883m	13.863	ng/ul	
25) Benzo(k)fluoranthene	22.575	252	376961m	4.903	ng/ul	
26) Benzo(a)pyrene	23.069	252	449020m	6.453	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.229	276	407845m	4.533	ng/ul	
28) Dibenzo(a,h)anthracene	25.232	278	124696m	1.734	ng/ul	
29) Benzo(g,h,i)perylene	25.860	276	67055m	0.864	ng/ul	

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

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