

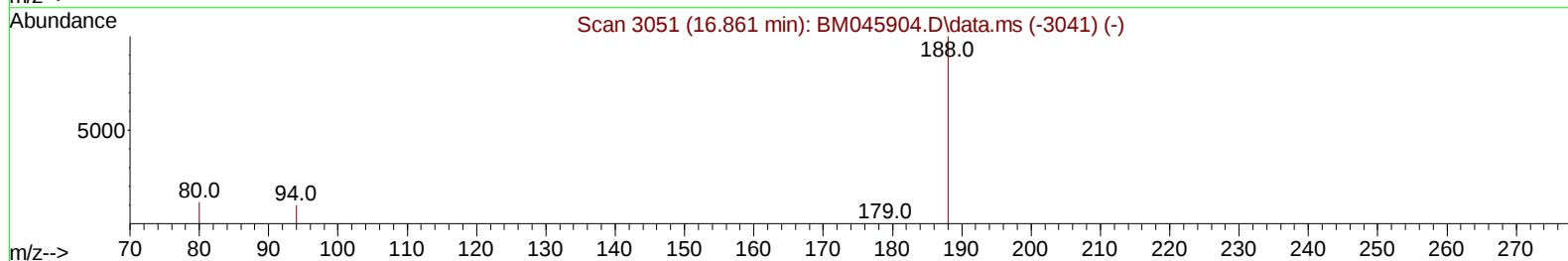
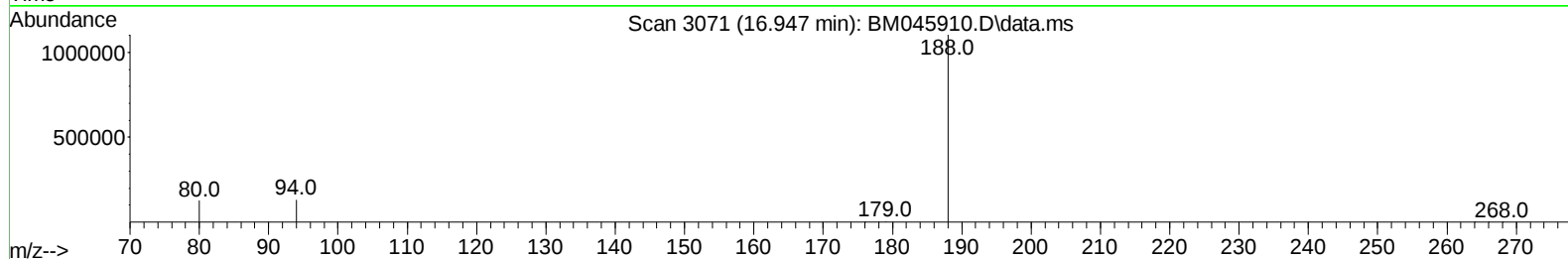
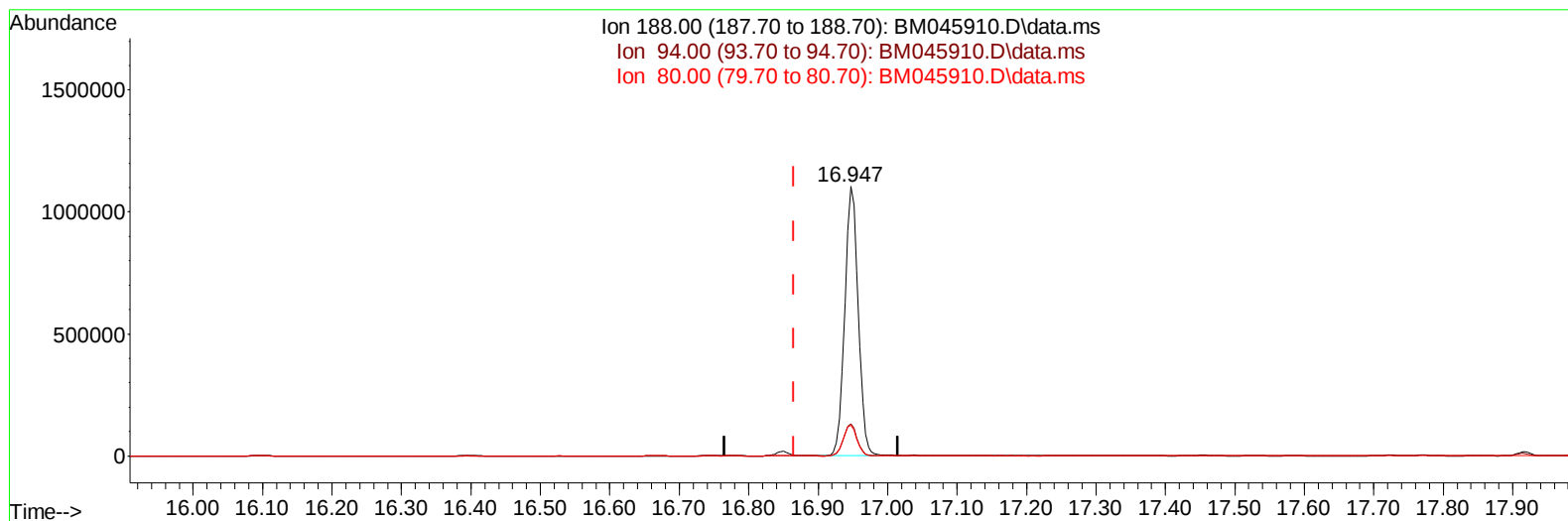
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(13) Phenanthrene-d10 (I)

16.947min (+ 0.082) 0.40 ng/u1

response 1476712

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	12.00
80.00	11.70	11.43
0.00	0.00	0.00

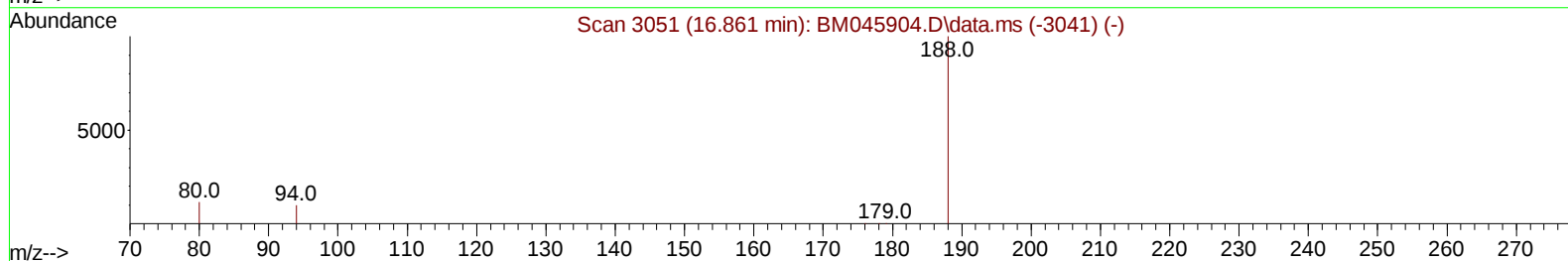
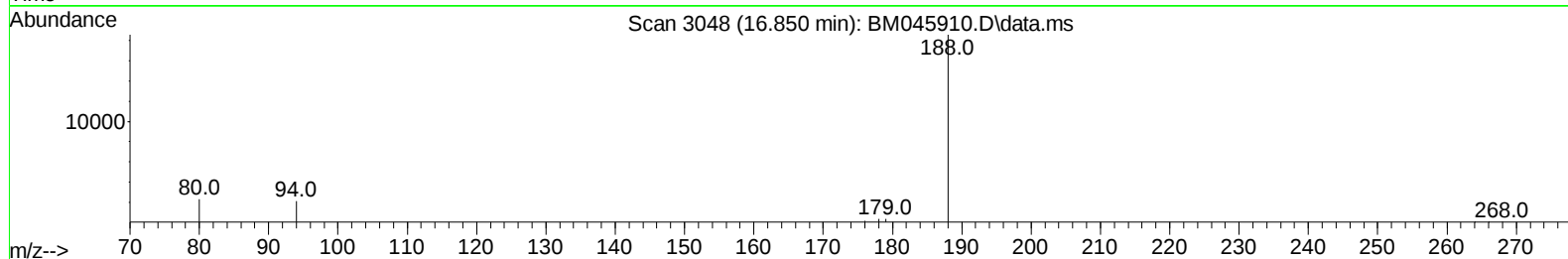
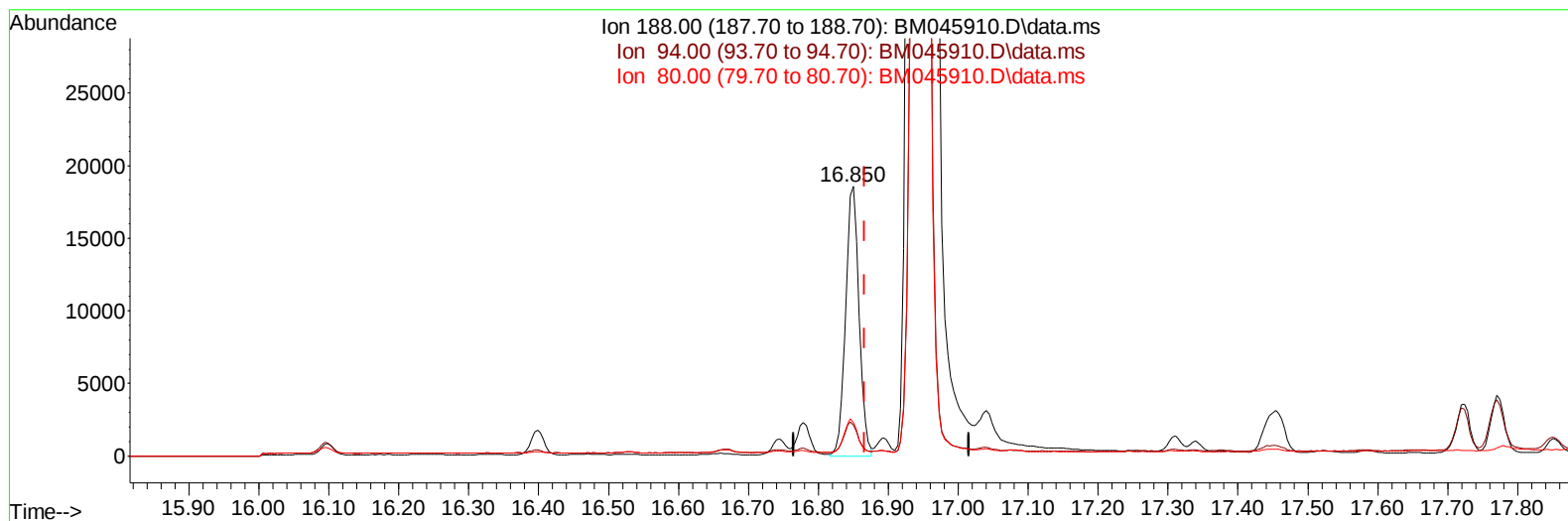
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045910.D\data.ms

(13) Phenanthrene-d10 (I)

16.850min (-0.016) 0.40 ng/ul m

response 24721

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.48
80.00	11.70	12.41
0.00	0.00	0.00

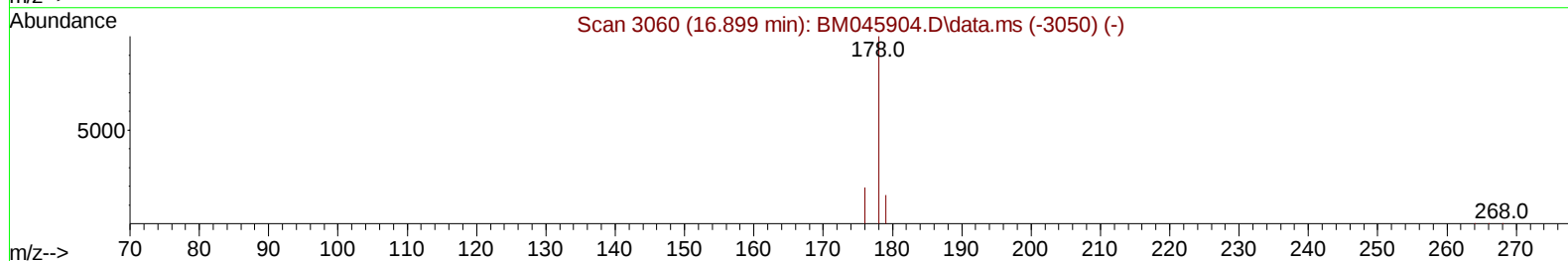
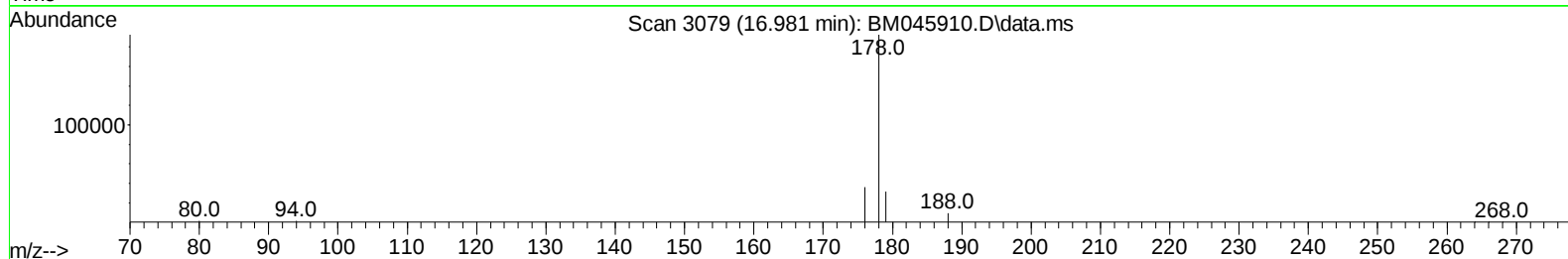
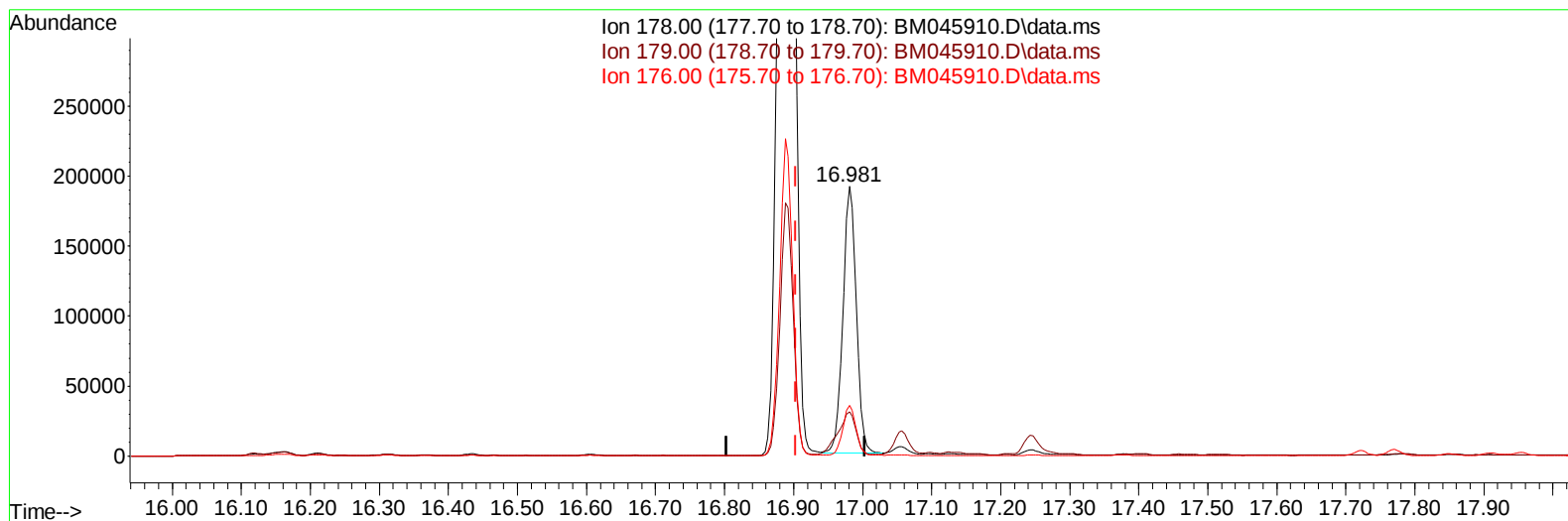
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045910.D\data.ms

(15) Phenanthrene

16.981min (+ 0.077) 3.69 ng/u1

response 255933

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	16.46
176.00	19.50	18.69
0.00	0.00	0.00

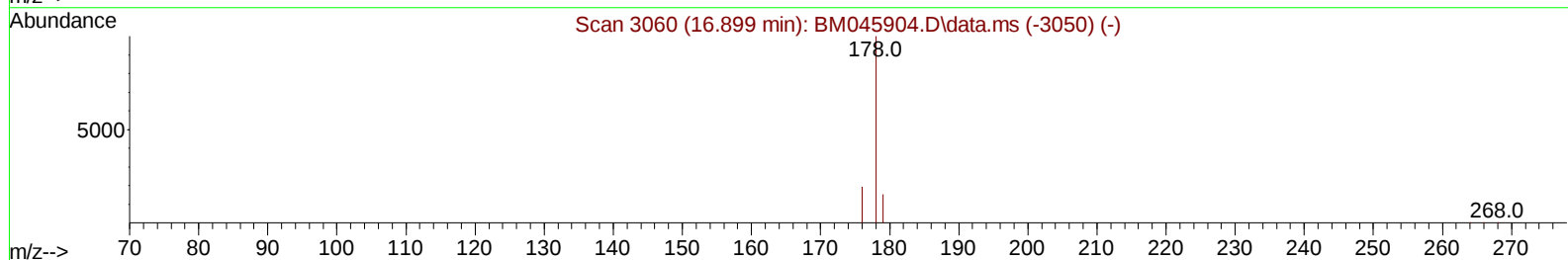
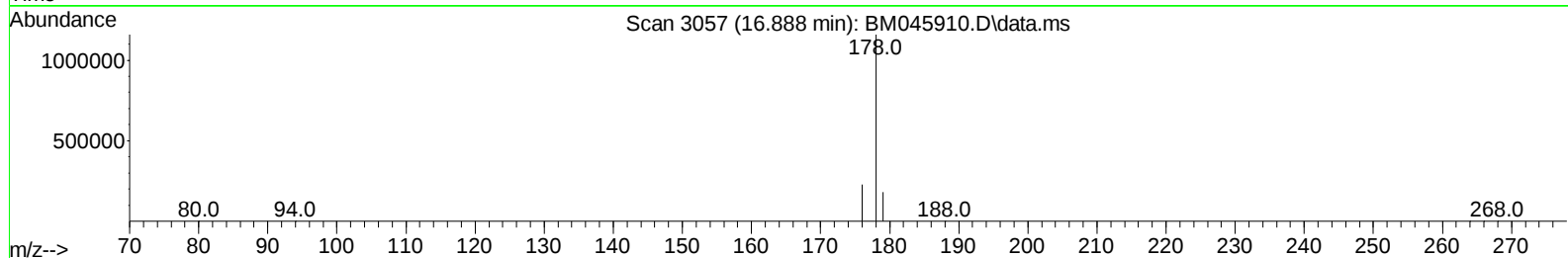
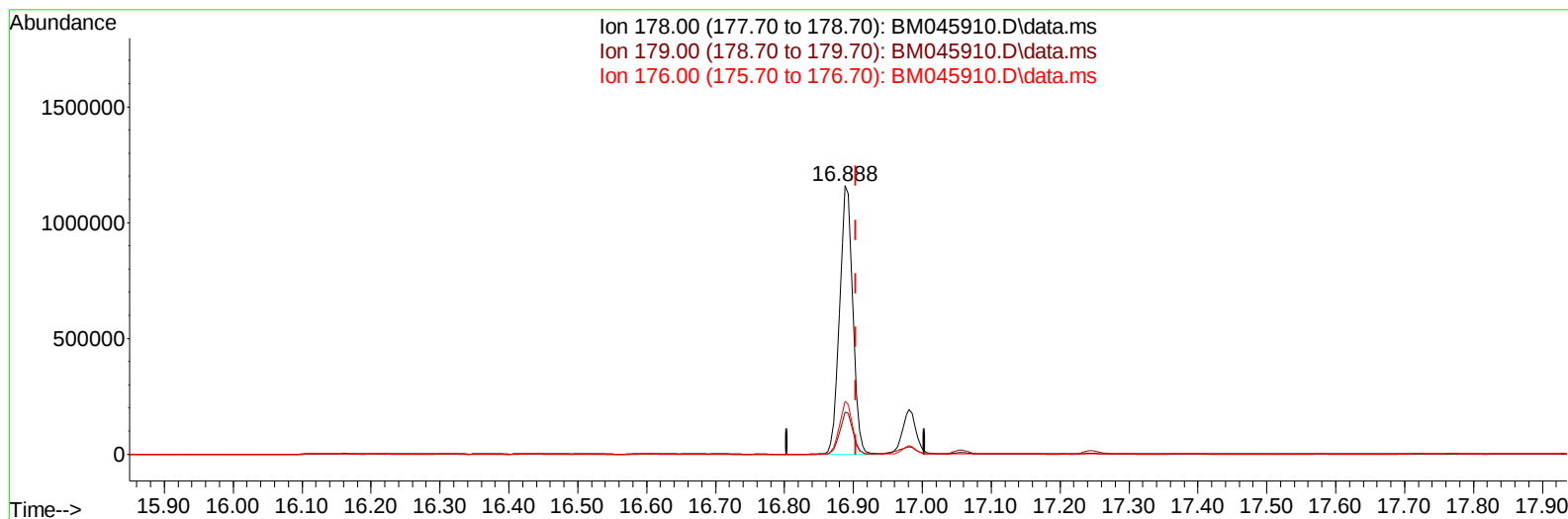
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

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TIC: BM045910.D\data.ms

(15) Phenanthrene

16.888min (-0.016) 22.36 ng/ul m

response 1552066

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.62
176.00	19.50	19.59
0.00	0.00	0.00

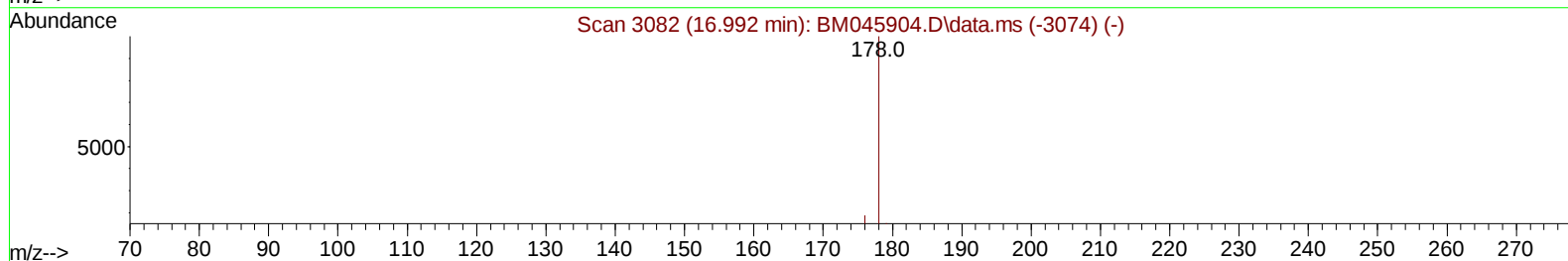
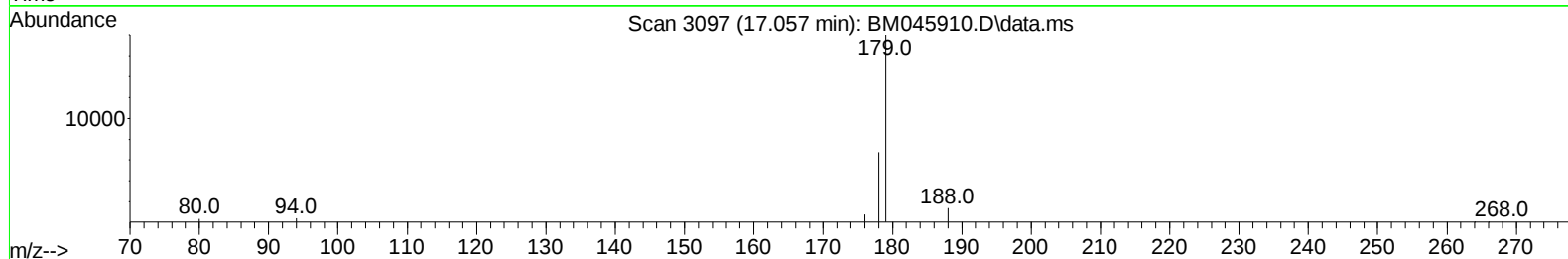
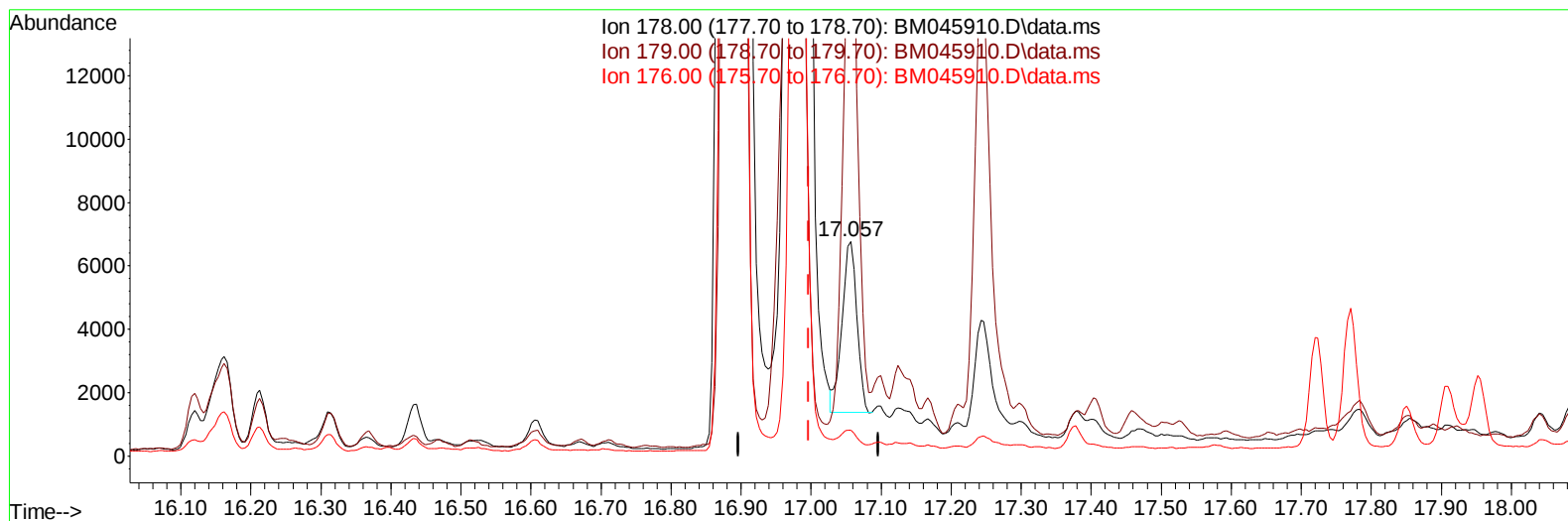
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

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TIC: BM045910.D\data.ms

(16) Anthracene

17.057min (+ 0.060) 0.13 ng/u1

response 7931

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	266.15#
176.00	19.40	11.87#
0.00	0.00	0.00

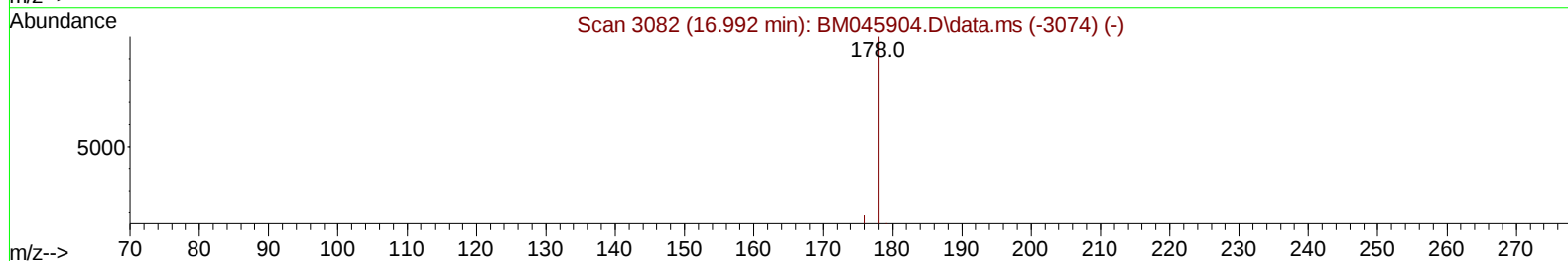
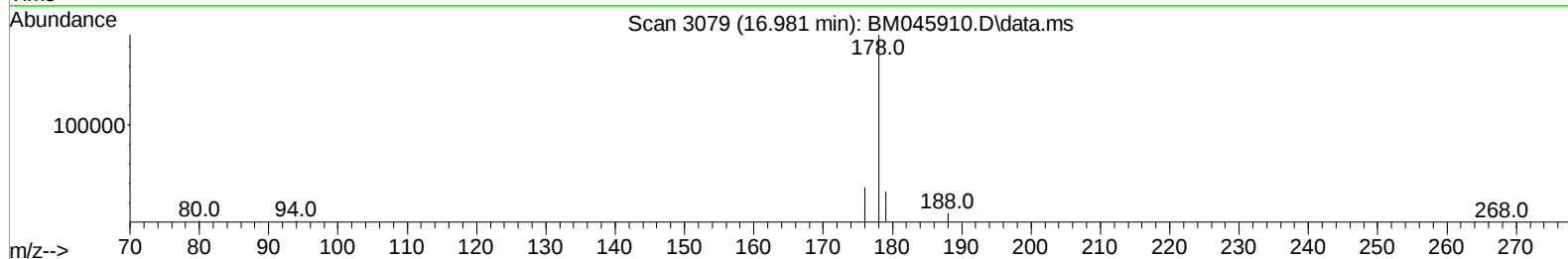
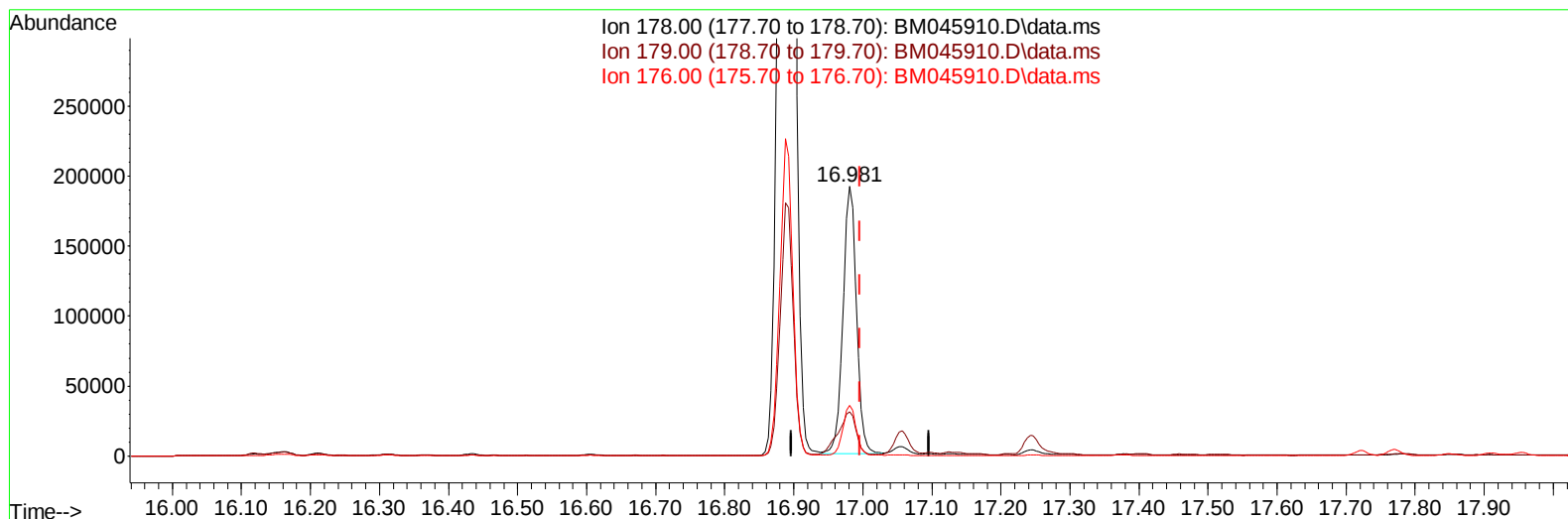
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Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

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TIC: BM045910.D\data.ms

(16) Anthracene

16.981min (-0.016) 4.35 ng/u1 m

response 257337

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	16.46
176.00	19.40	18.69
0.00	0.00	0.00

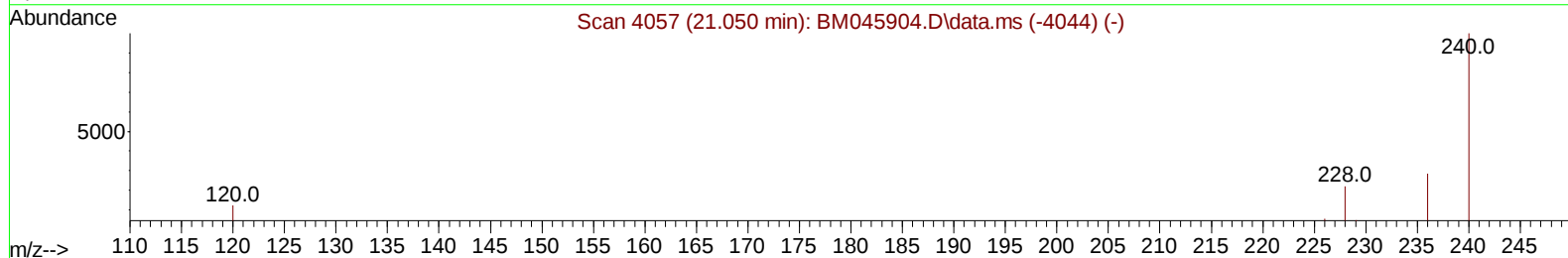
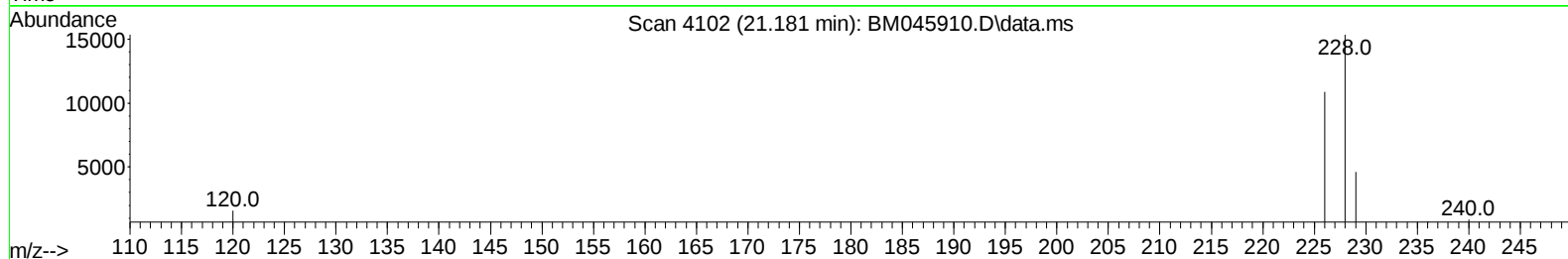
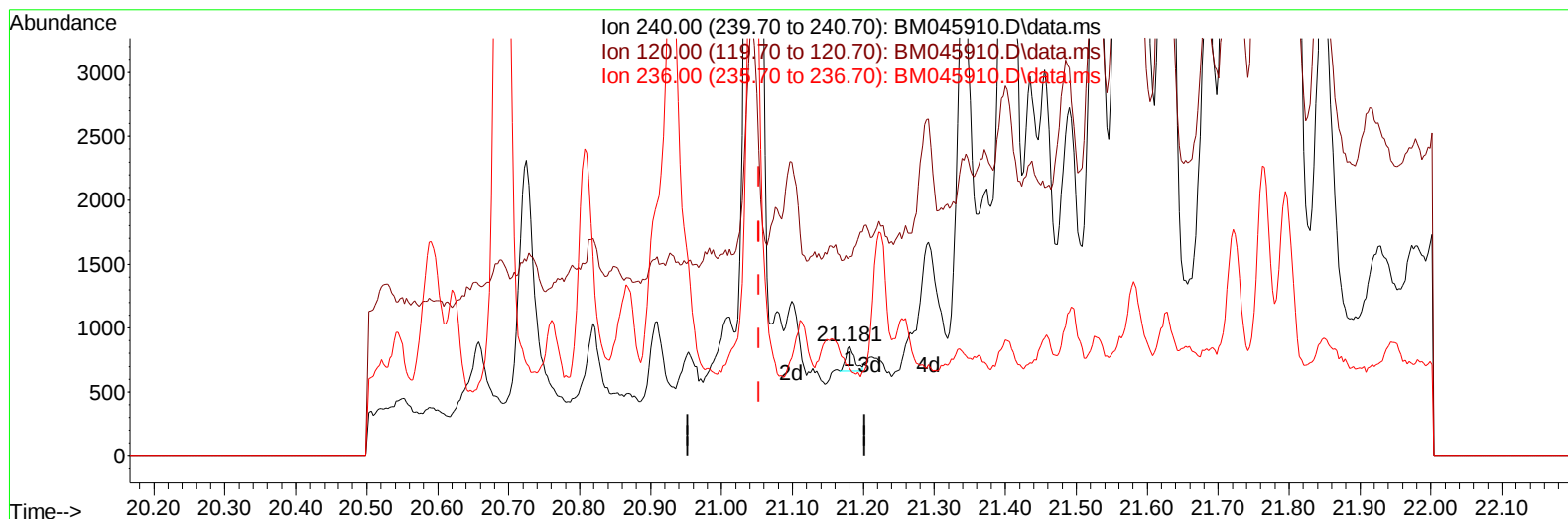
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
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A4C15

Manual IntegrationsAPPROVED

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TIC: BM045910.D\data.ms

(17) Chrysene-d12

21.181min (+ 0.128) 0.40 ng/u1

response 168

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	181.02#
236.00	29.50	79.51#
0.00	0.00	0.00

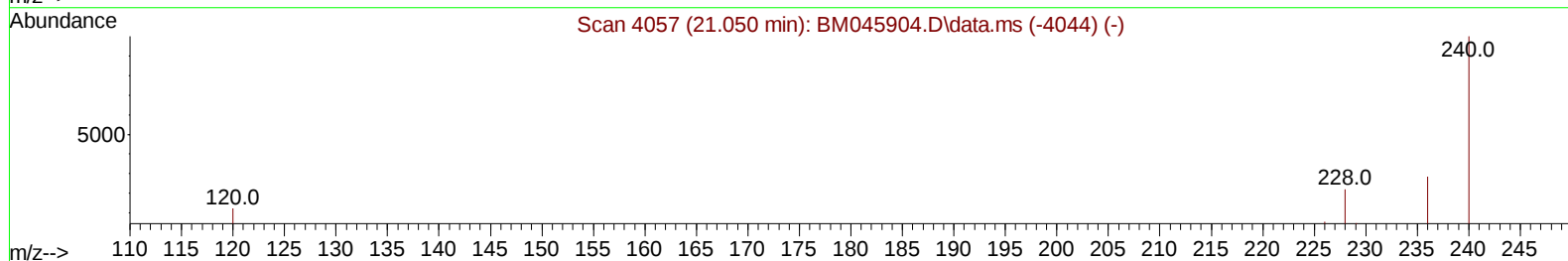
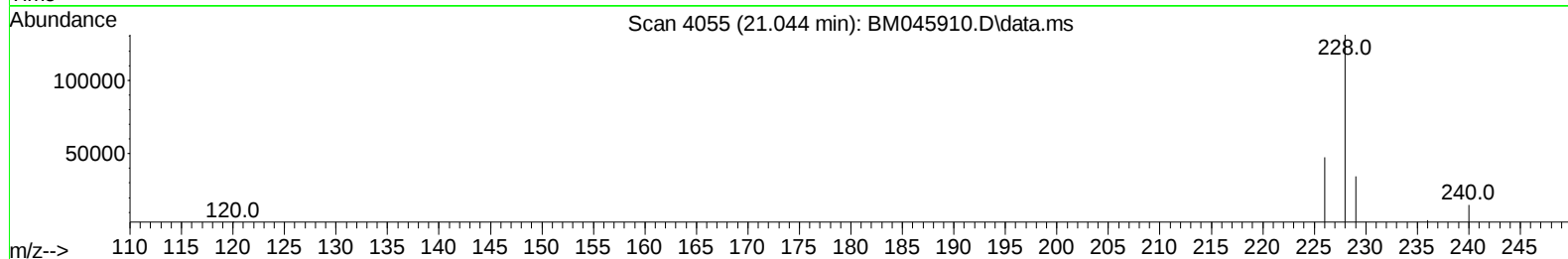
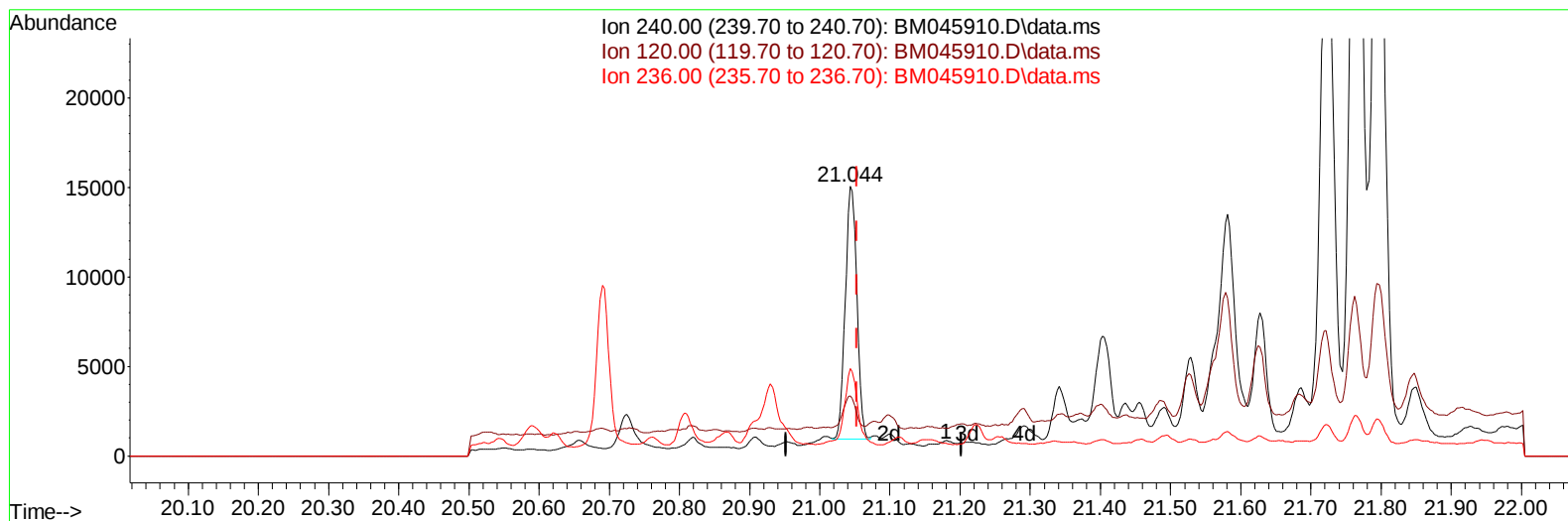
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(17) Chrysene-d12

21.044min (-0.009) 0.40 ng/ul m

response 16209

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	22.28#
236.00	29.50	32.38
0.00	0.00	0.00

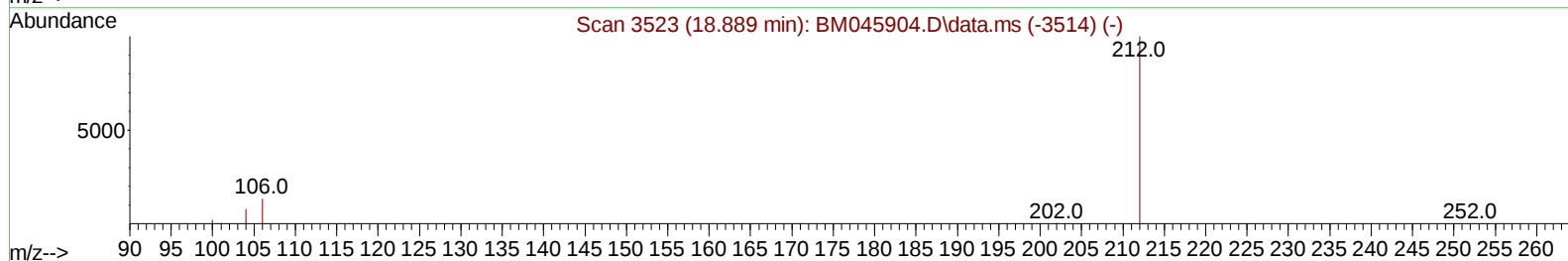
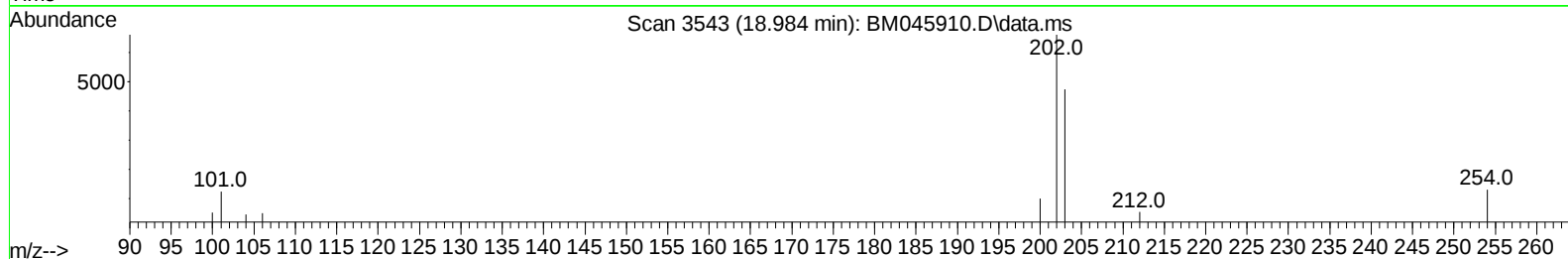
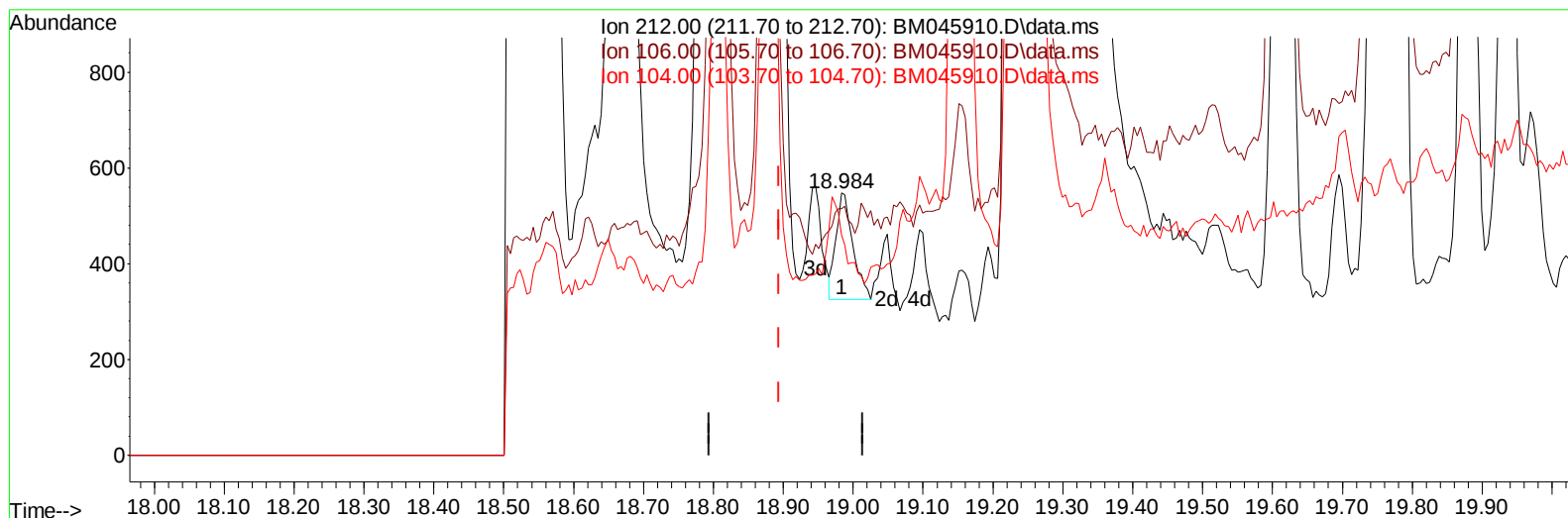
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

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TIC: BM045910.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.984min (+ 0.090) 0.01 ng/u1

response 373

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.00	58.18#
104.00	8.70	85.25#
0.00	0.00	0.00

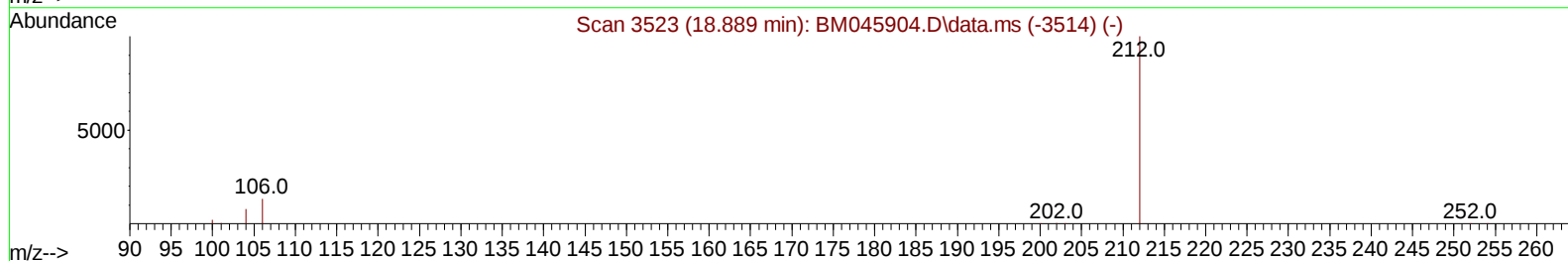
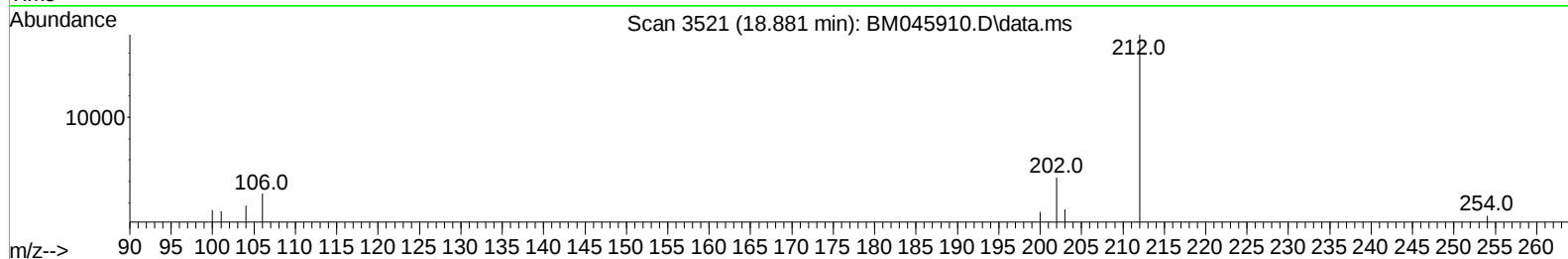
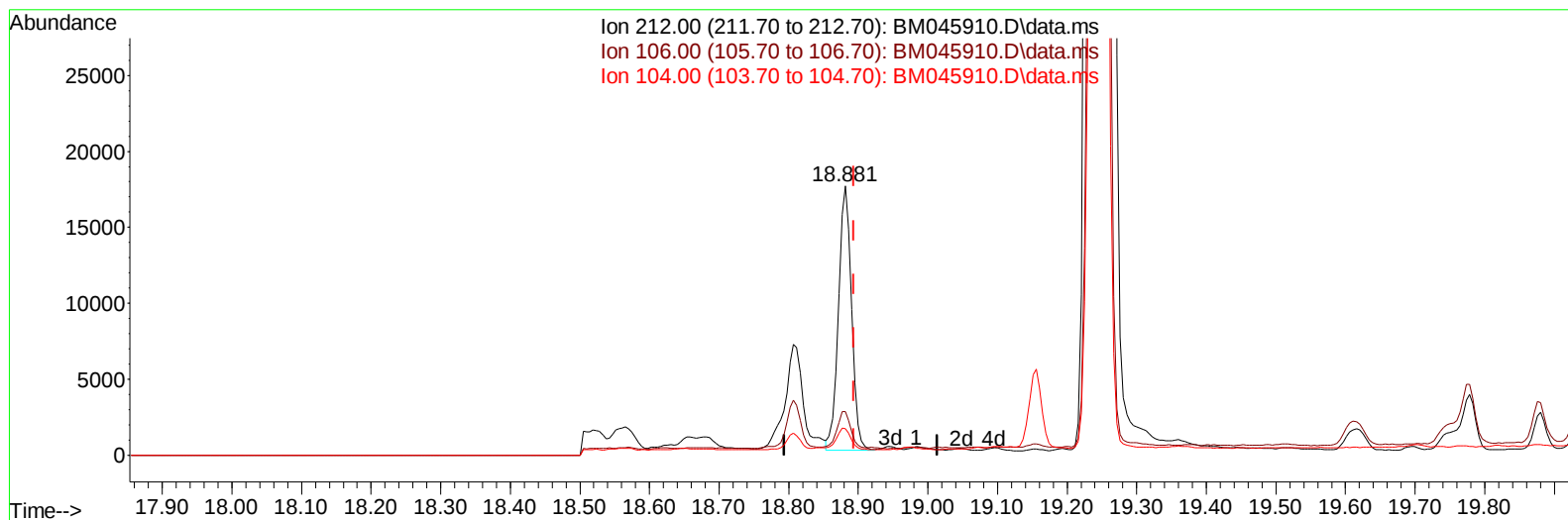
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 2024
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TIC: BM045910.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.881min (-0.013) 0.47 ng/u1 m

response 22933

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.00	0.95#
104.00	8.70	1.39#
0.00	0.00	0.00

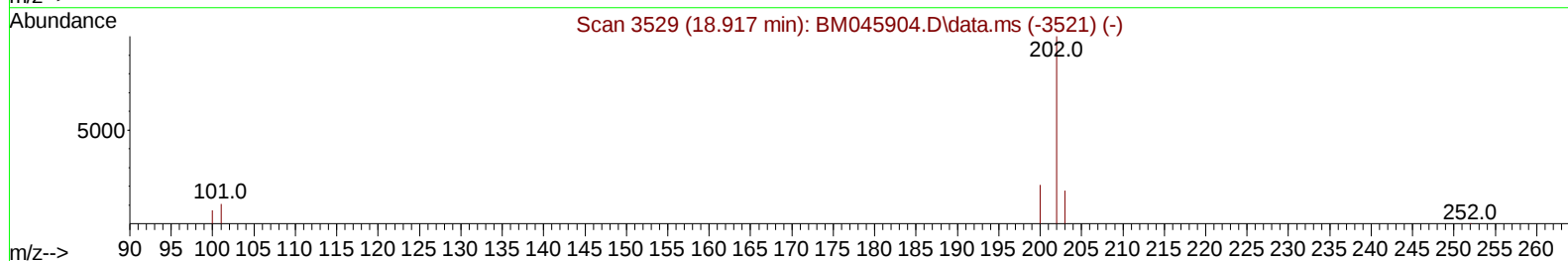
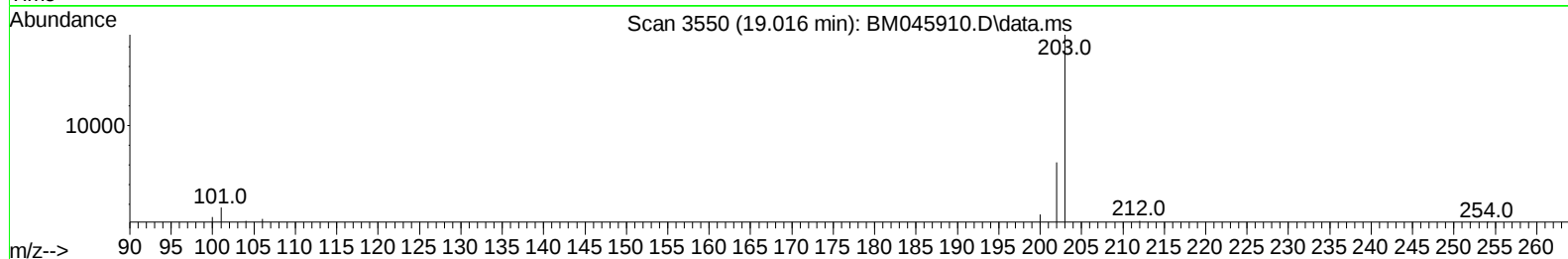
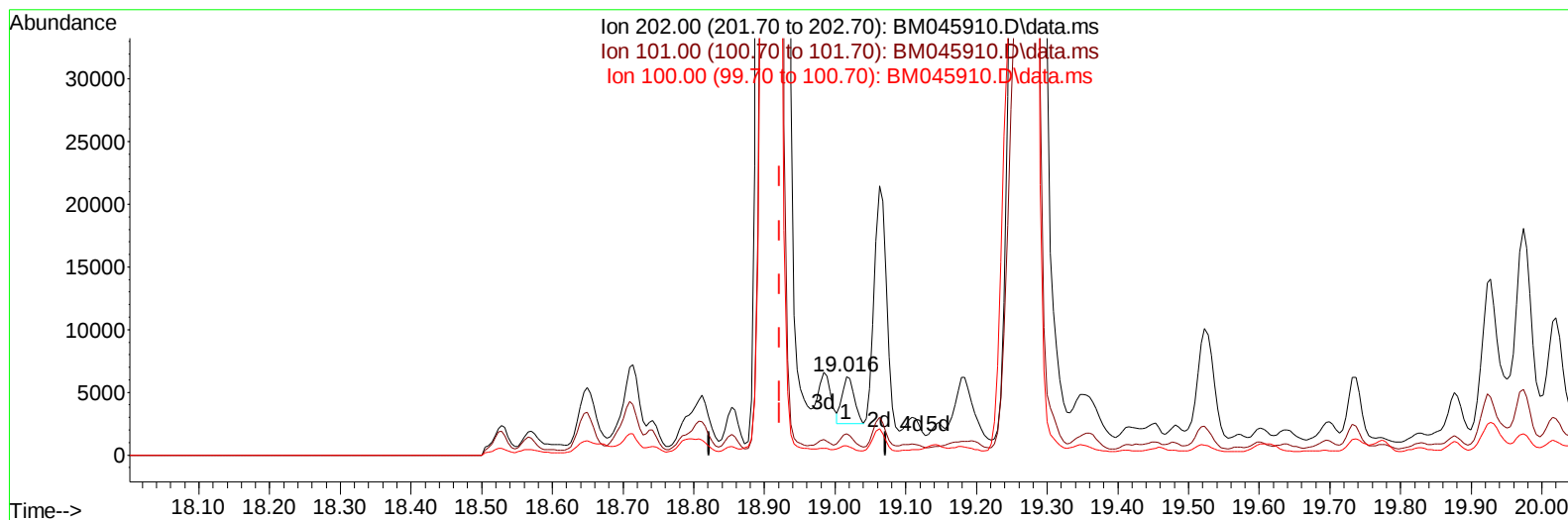
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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TIC: BM045910.D\data.ms

(19) Fluoranthene (C)

19.016min (+ 0.094) 0.07 ng/u1

response 4460

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	26.83#
100.00	8.80	11.82#
0.00	0.00	0.00

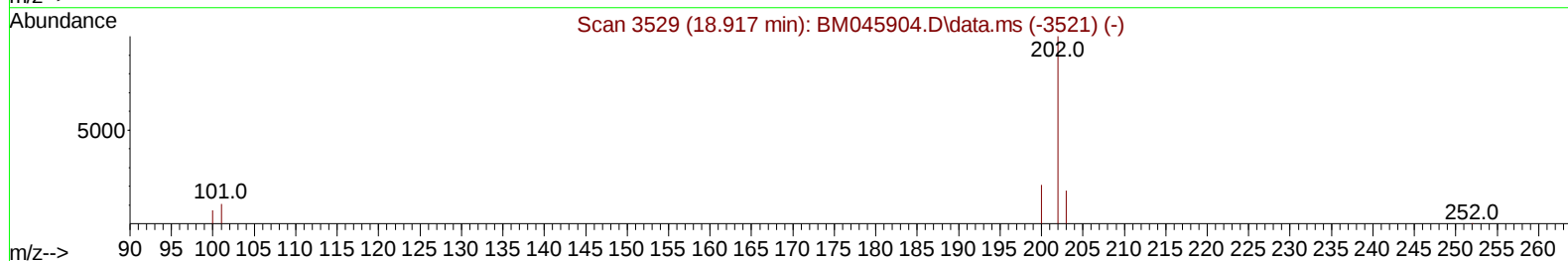
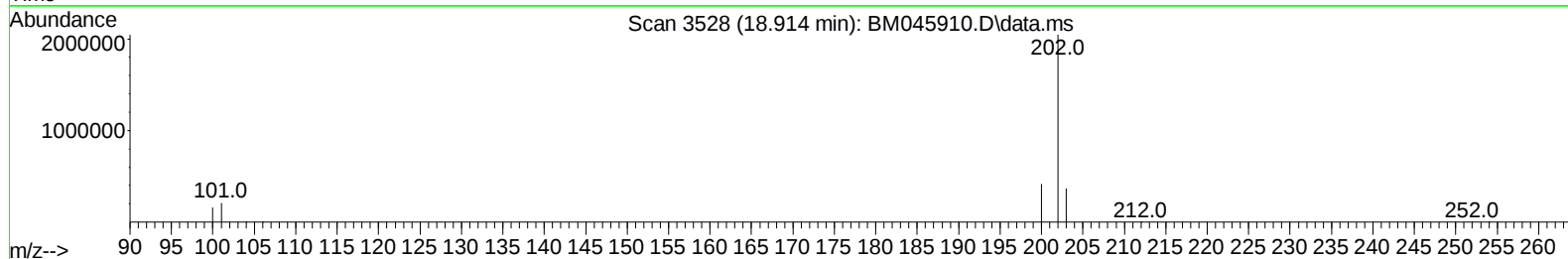
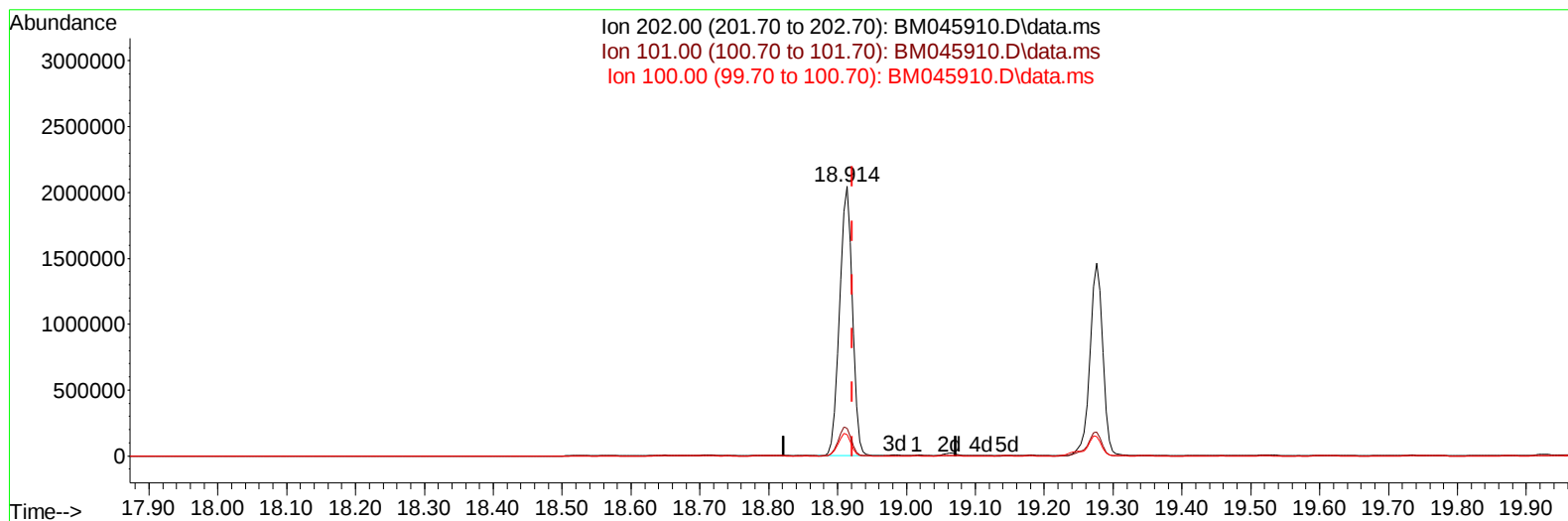
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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TIC: BM045910.D\data.ms

(19) Fluoranthene (C)

18.914min (-0.008) 41.24 ng/ul m

response 2665719

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.30	10.34
100.00	8.80	7.85
0.00	0.00	0.00

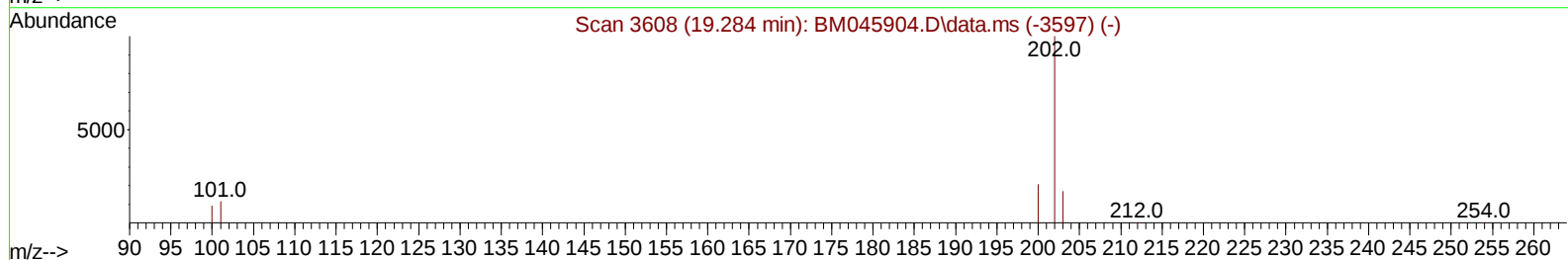
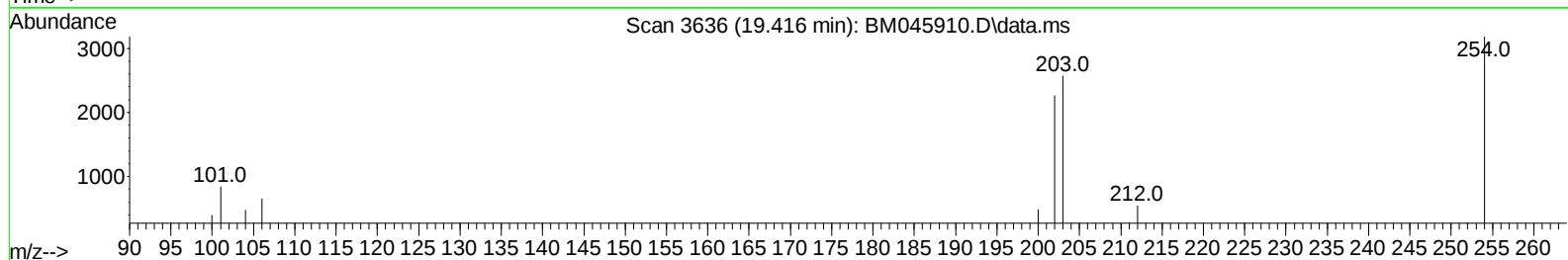
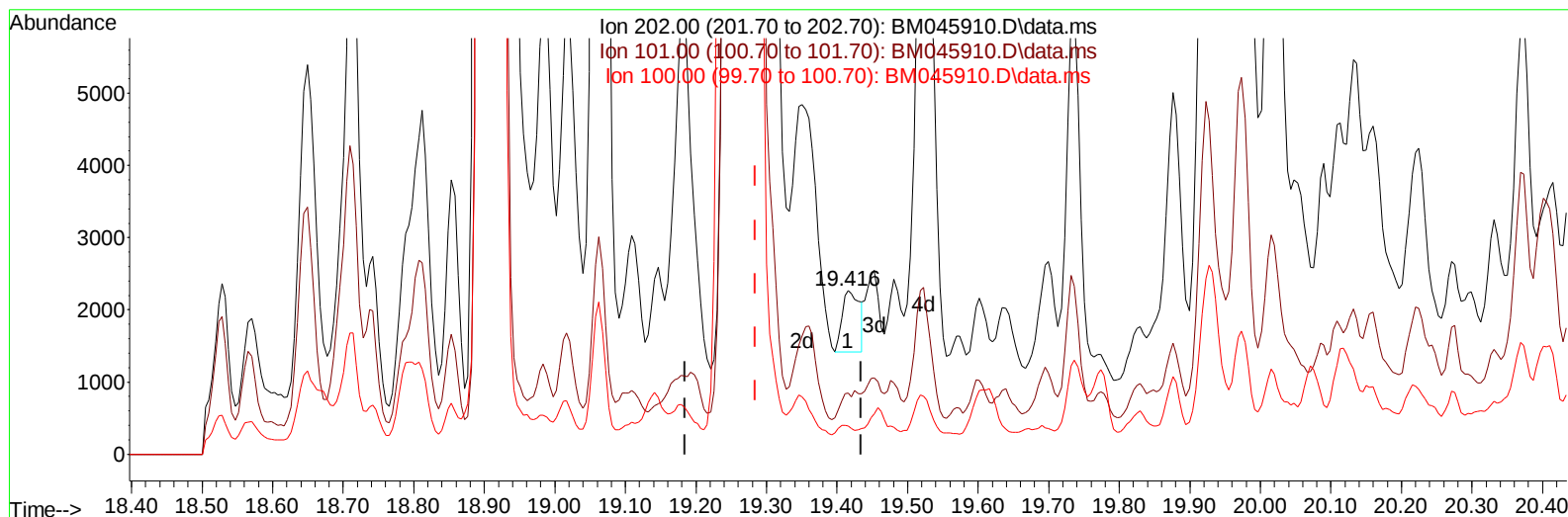
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045910.D
 Acq On : 08 Jun 2024 11:26
 Operator : MA/JU
 Sample : P2640-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C15

Manual IntegrationsAPPROVED

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TIC: BM045910.D\data.ms

(20) Pyrene

19.416min (+ 0.131) 0.02 ng/u1

response 1454

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	37.32#
100.00	11.40	17.42#
0.00	0.00	0.00

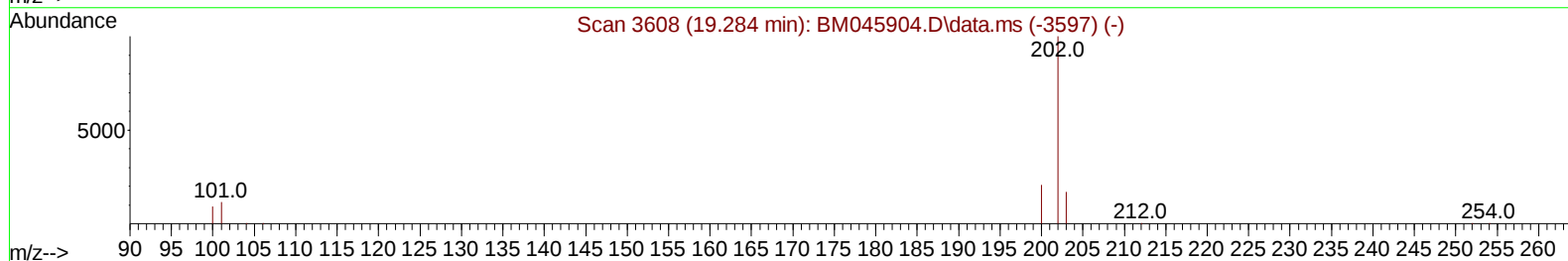
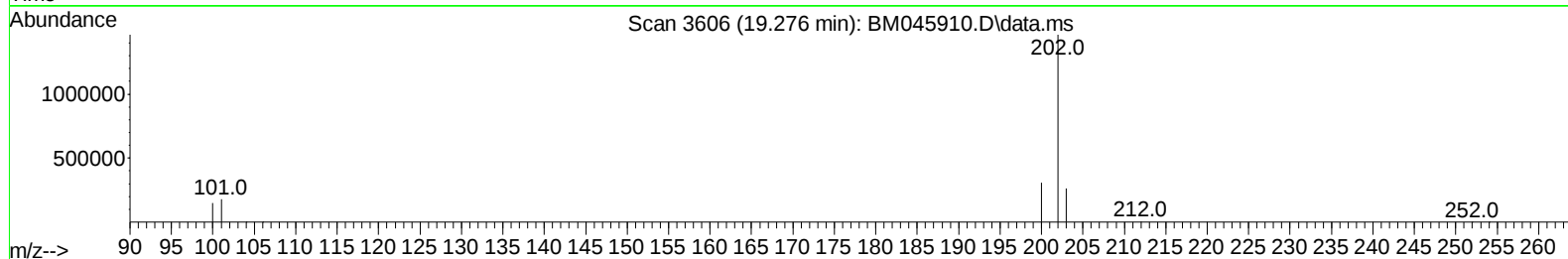
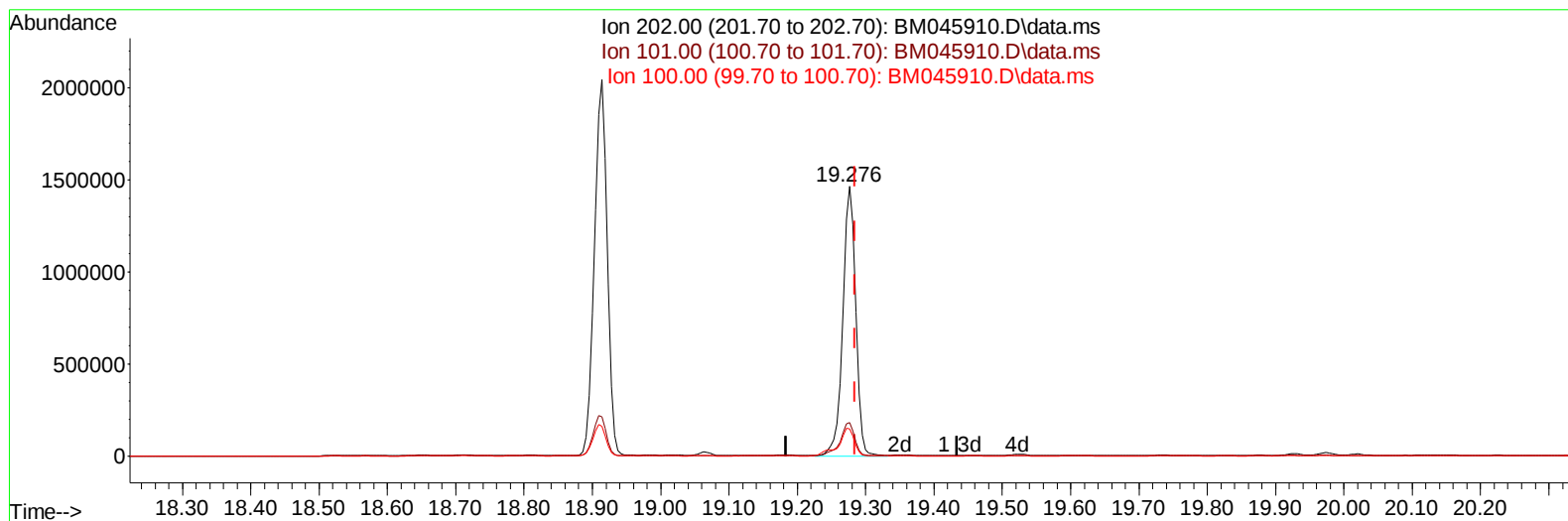
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(20) Pyrene

19.276min (-0.008) 28.53 ng/u1 m

response 1923704

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	12.32
100.00	11.40	10.16
0.00	0.00	0.00

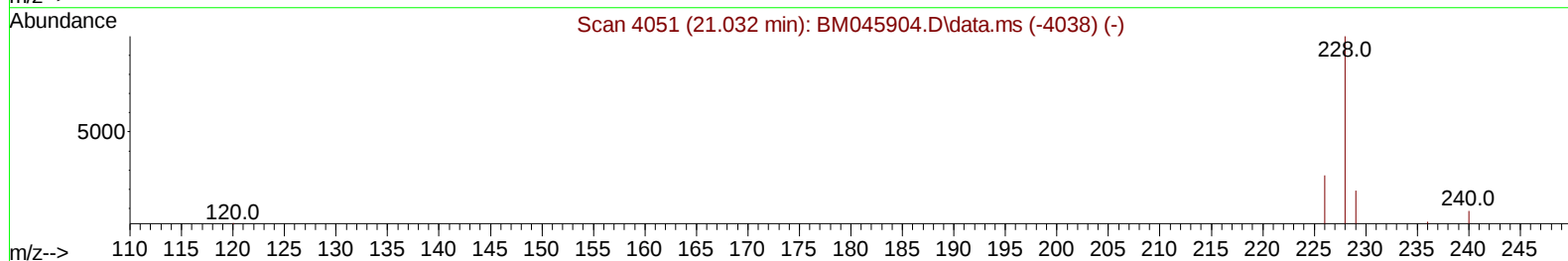
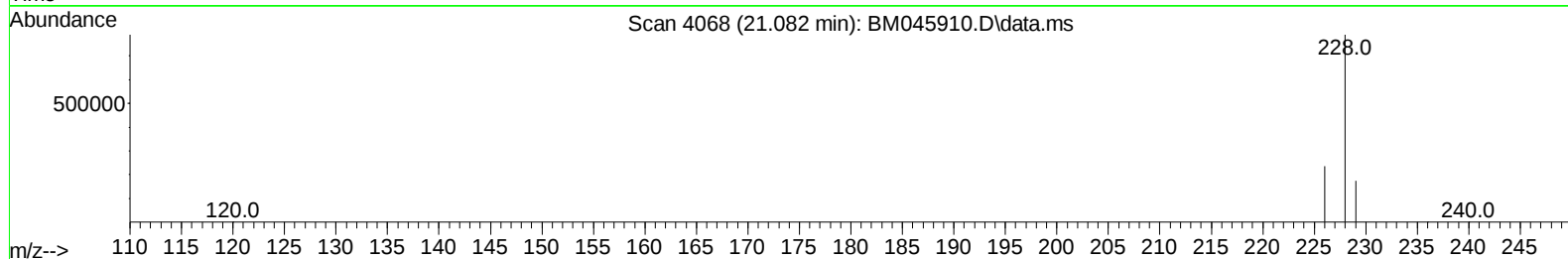
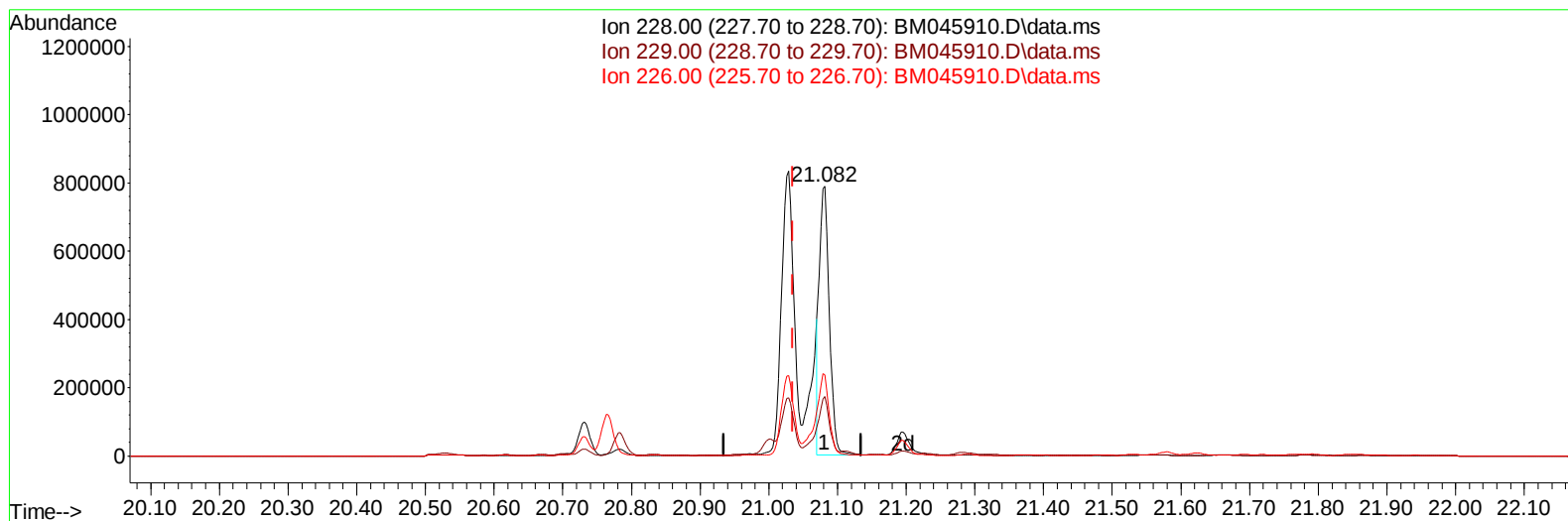
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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 06/10/2024
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TIC: BM045910.D\data.ms

(21) Benzo(a)anthracene

21.082min (+ 0.046) 13.38 ng/u1

response 796197

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.96
226.00	27.50	30.01
0.00	0.00	0.00

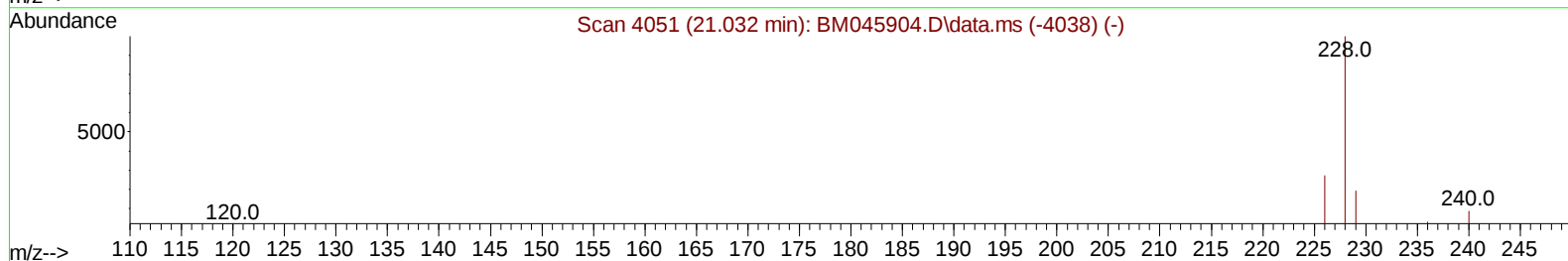
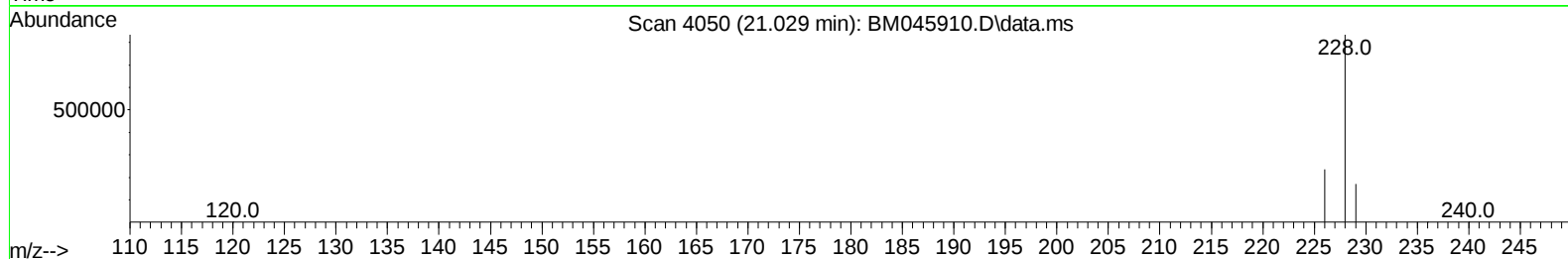
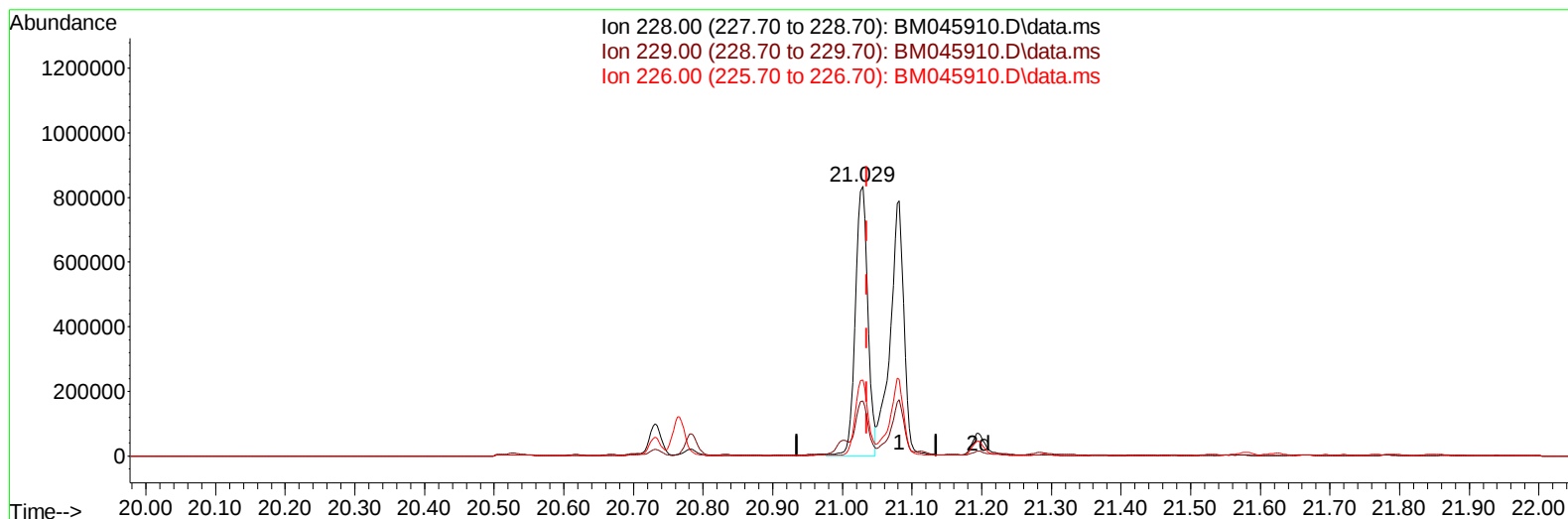
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(21) Benzo(a)anthracene

21.029min (-0.006) 17.58 ng/ul m

response 1046142

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.42
226.00	27.50	28.17
0.00	0.00	0.00

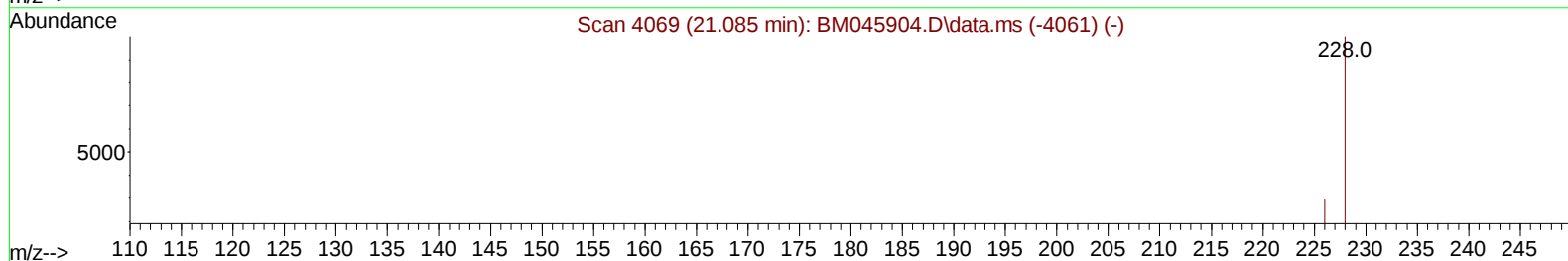
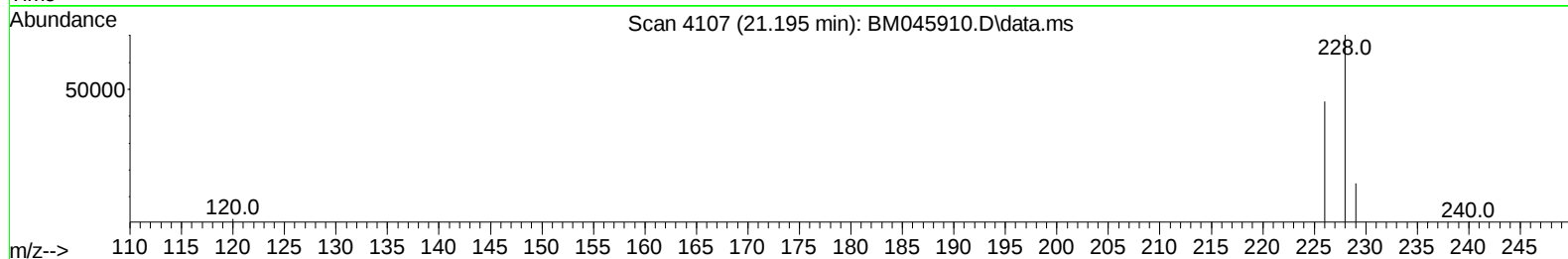
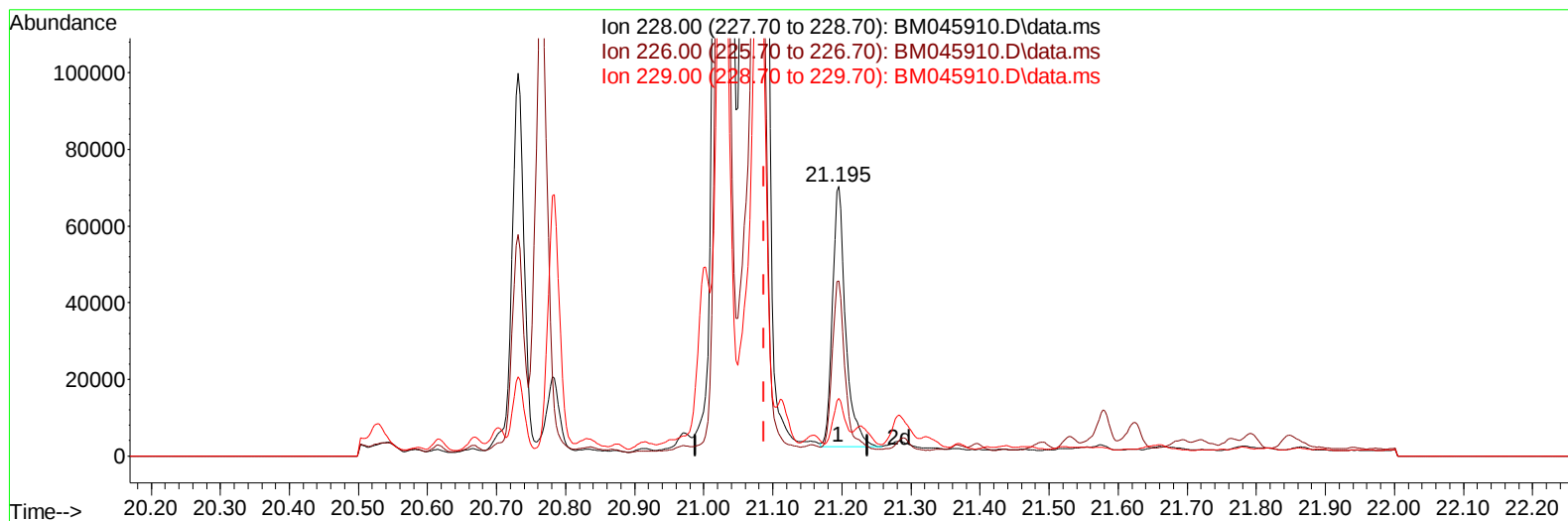
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045910.D
 Acq On : 08 Jun 2024 11:26
 Operator : MA/JU
 Sample : P2640-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(22) Chrysene

21.195min (+ 0.108) 1.39 ng/u1

response 90264

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	64.89#
229.00	20.20	21.29
0.00	0.00	0.00

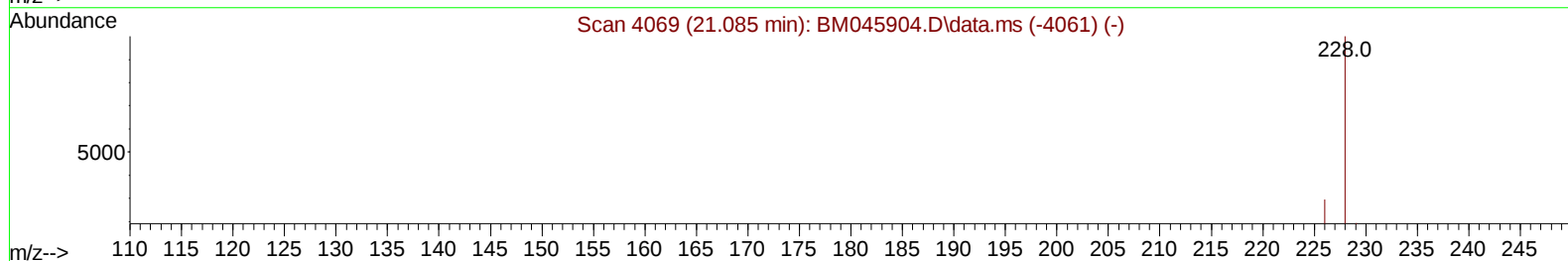
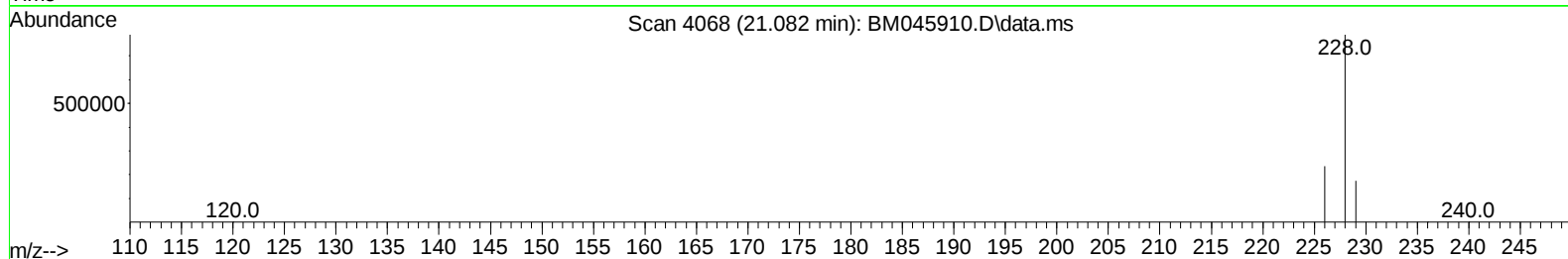
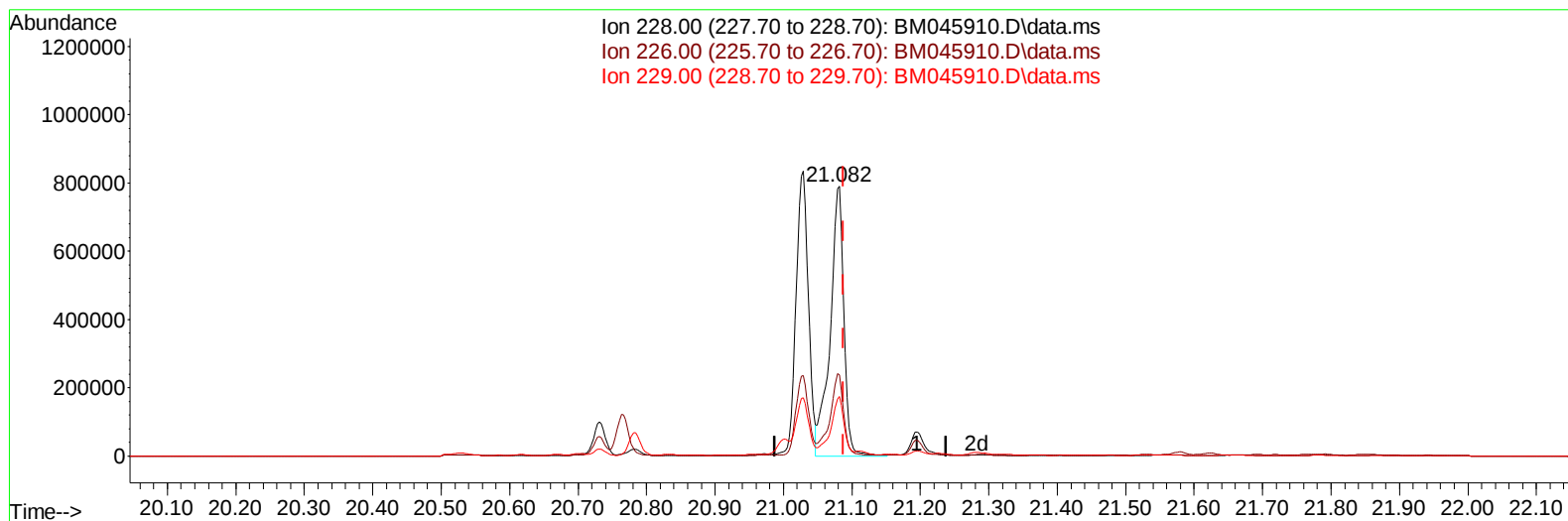
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(22) Chrysene

21.082min (-0.006) 17.02 ng/u1 m

response 1102555

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	30.01
229.00	20.20	21.96
0.00	0.00	0.00

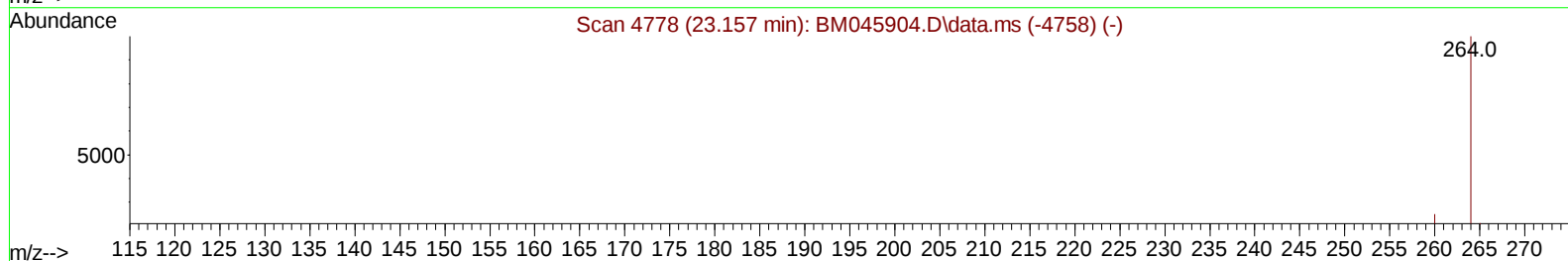
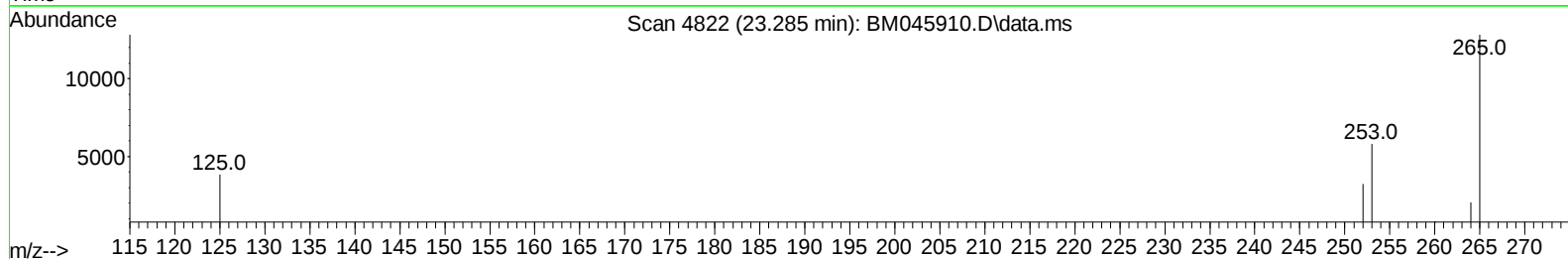
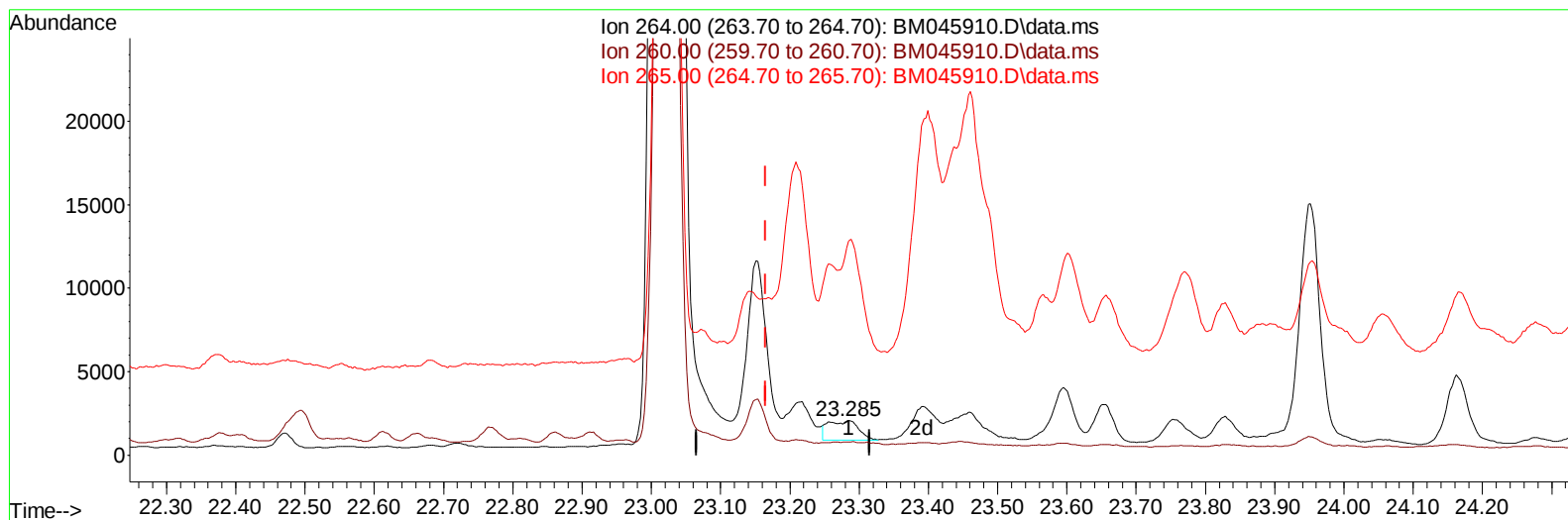
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(23) Perylene-d12 (I)

23.285min (+ 0.119) 0.40 ng/u1

response 3443

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	37.89#
265.00	76.60	624.32#
0.00	0.00	0.00

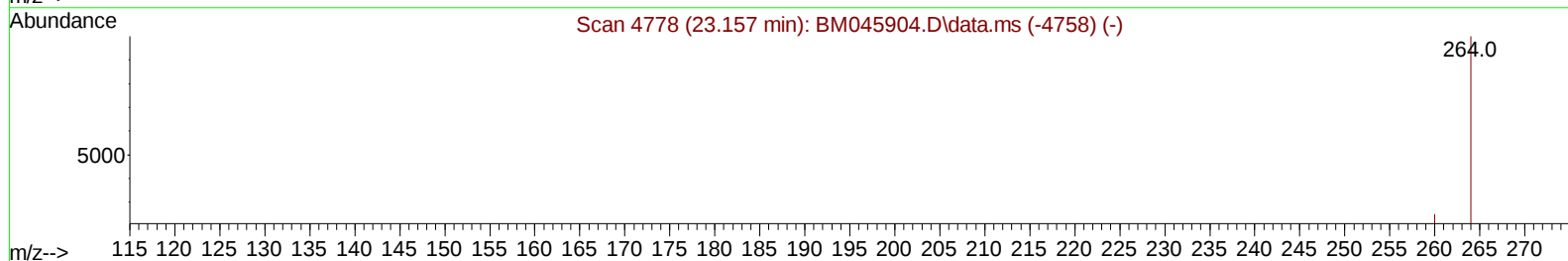
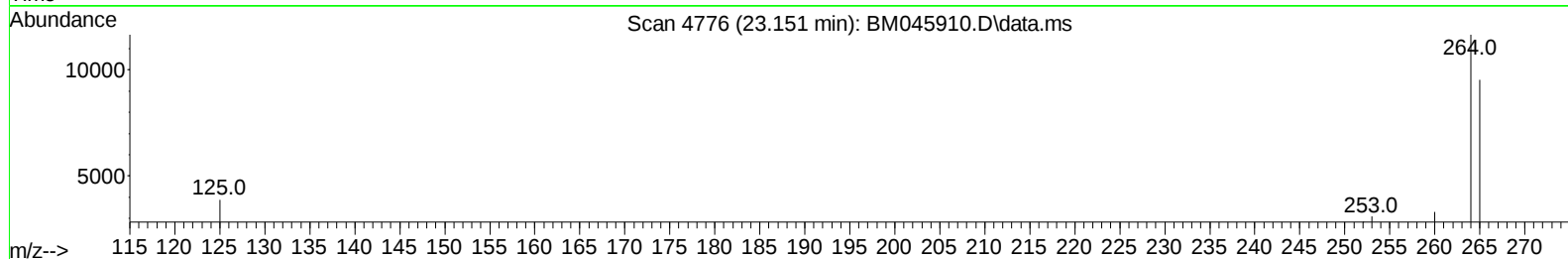
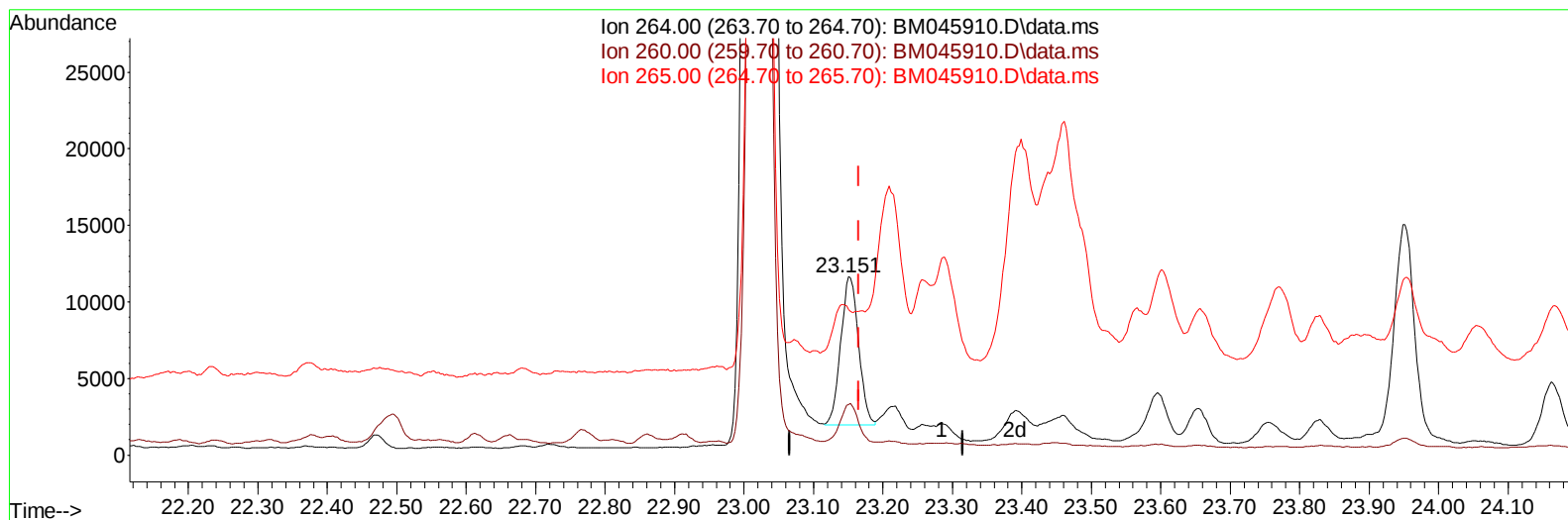
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(23) Perylene-d12 (I)

23.151min (-0.015) 0.40 ng/u1 m

response 17216

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	28.45
265.00	76.60	81.72
0.00	0.00	0.00

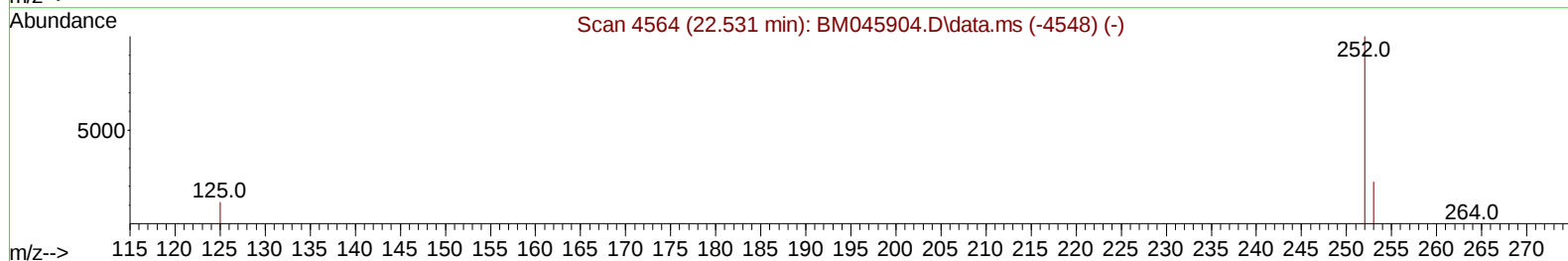
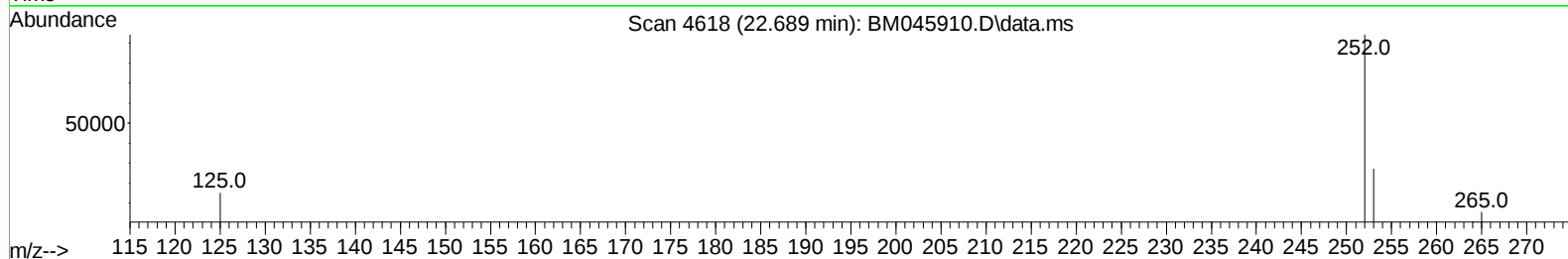
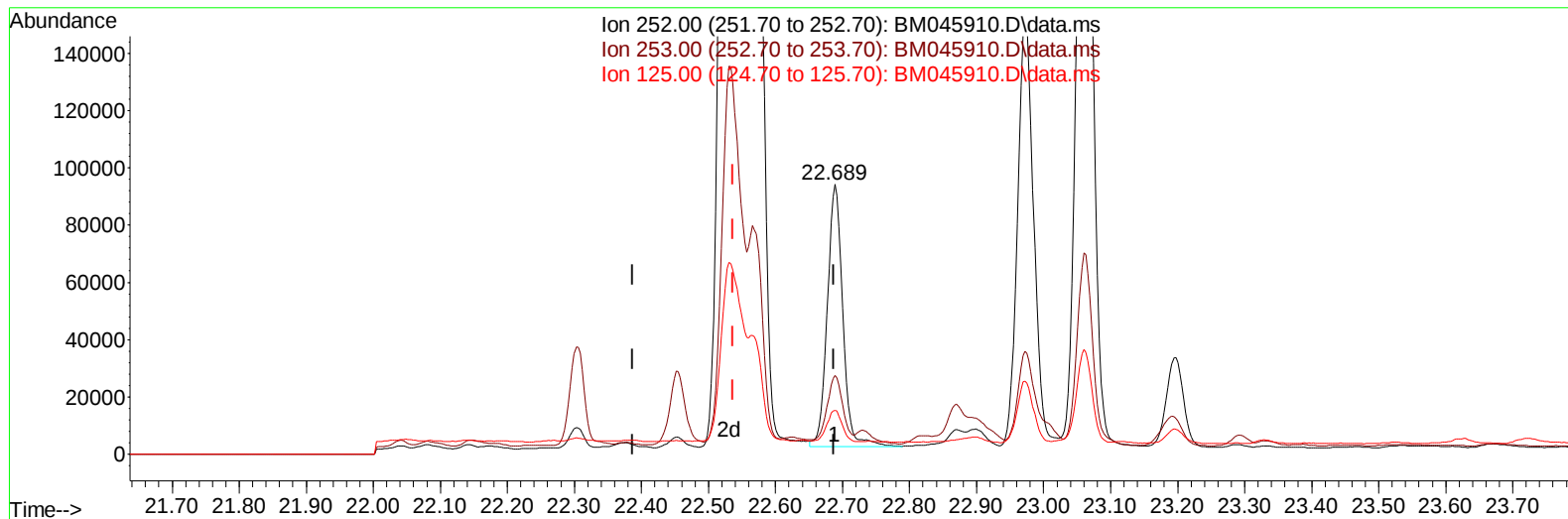
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(24) Benzo(b)fluoranthene

22.689min (+ 0.152) 2.58 ng/u1

response 147280

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	29.07
125.00	17.90	16.25
0.00	0.00	0.00

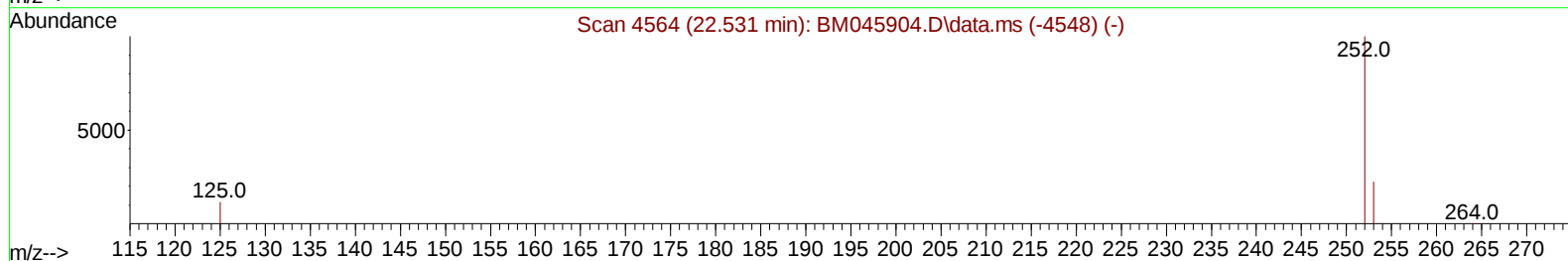
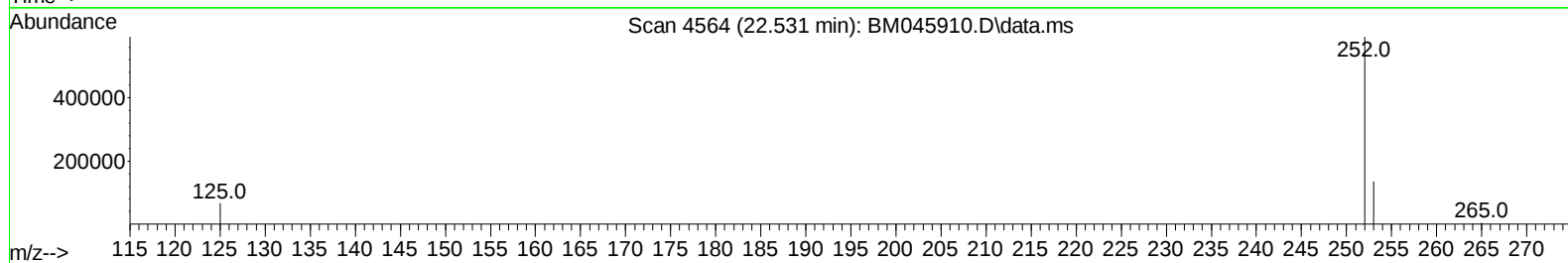
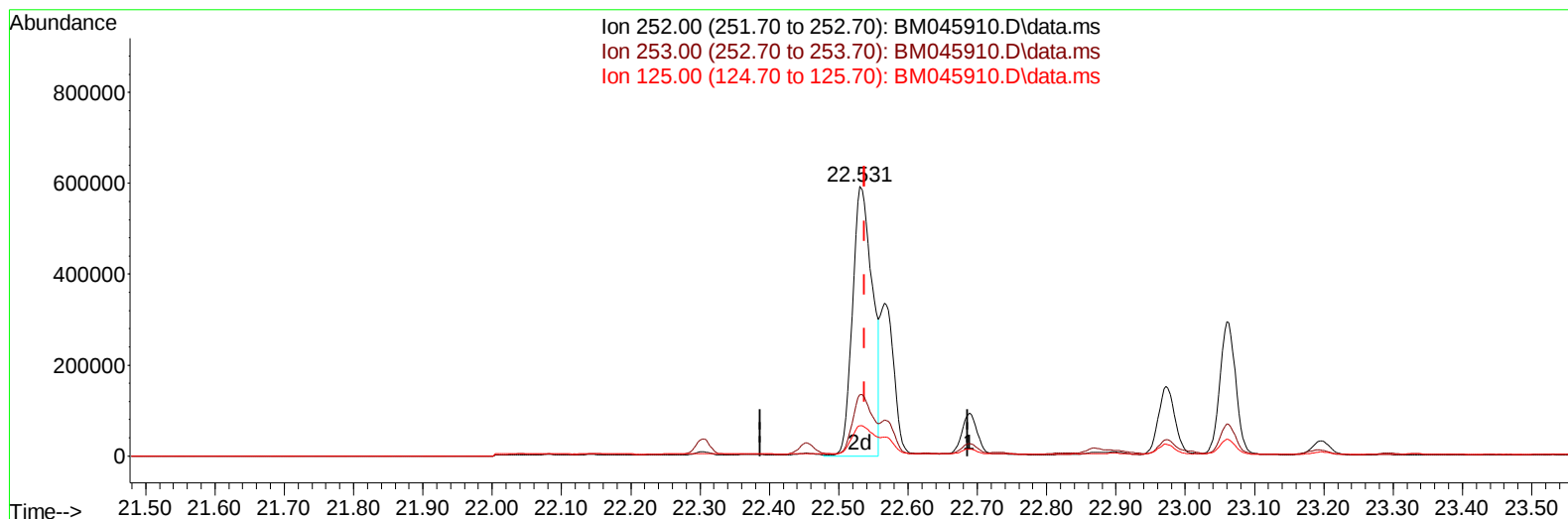
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:27:36 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: BM045910.D\data.ms

(24) Benzo(b)fluoranthene

22.531min (-0.006) 20.78 ng/u1 m

response 1186635

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	22.89
125.00	17.90	11.30
0.00	0.00	0.00

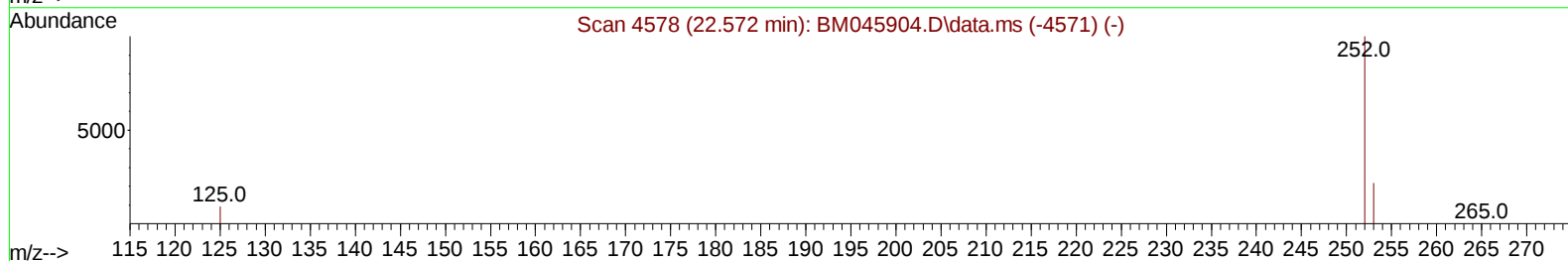
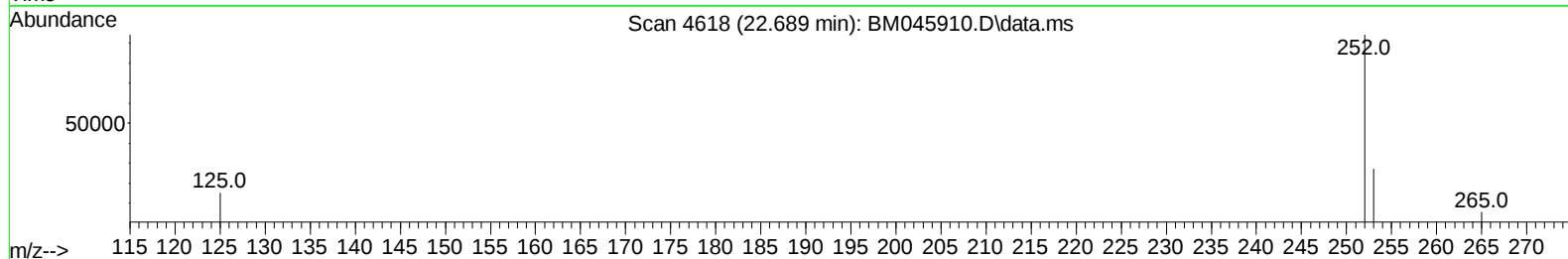
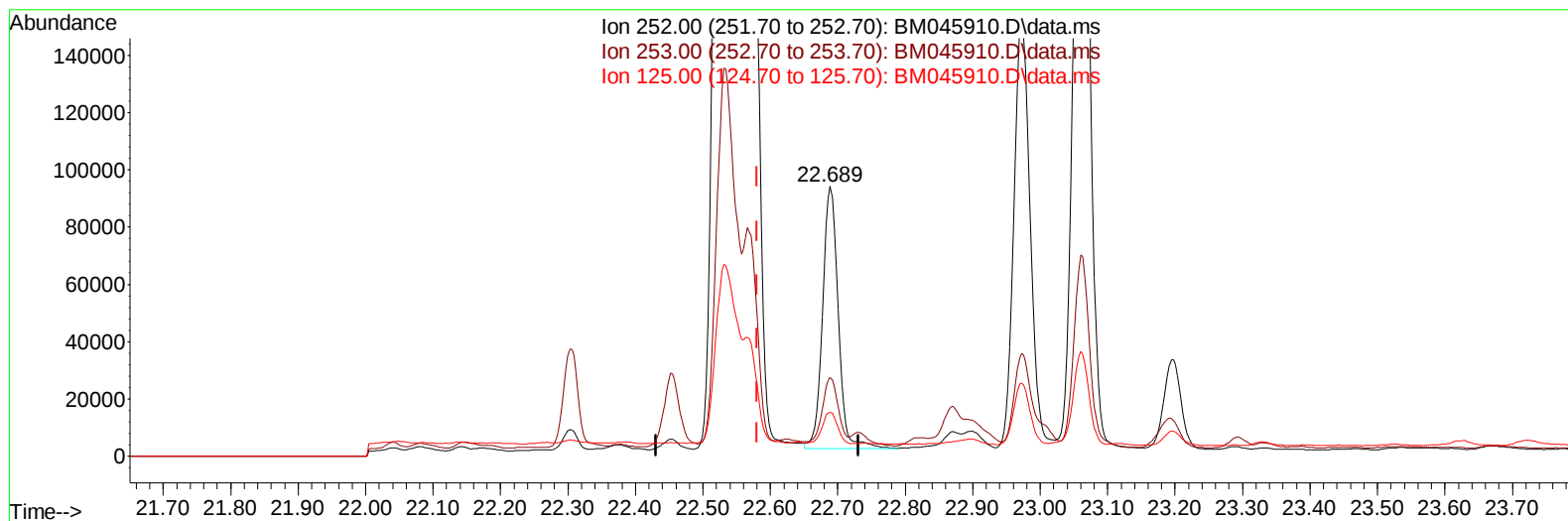
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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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Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(25) Benzo(k)fluoranthene

22.689min (+ 0.108) 2.35 ng/u1

response 147280

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	29.07
125.00	17.70	16.25
0.00	0.00	0.00

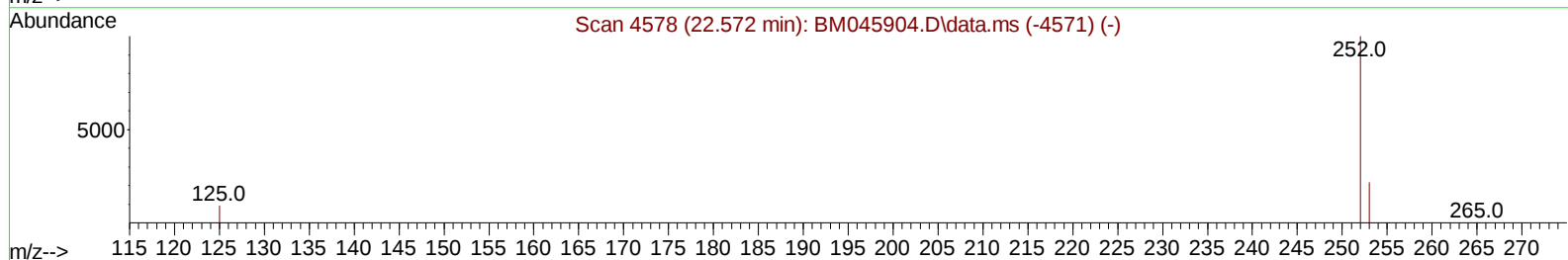
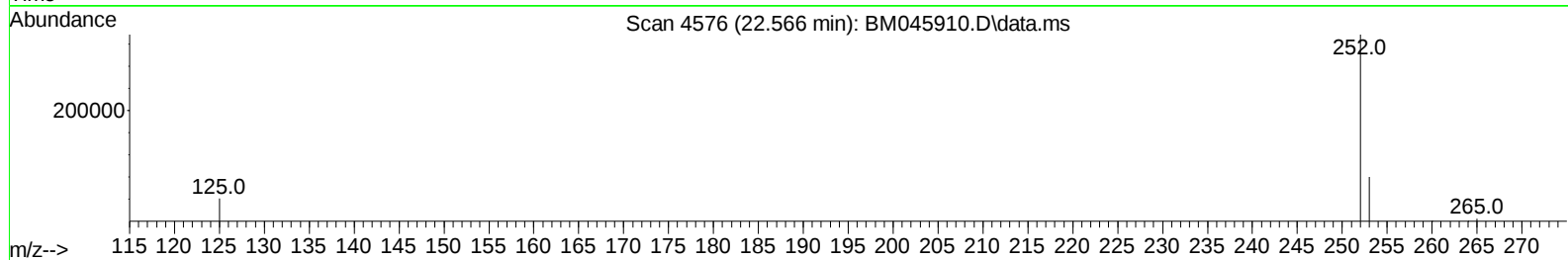
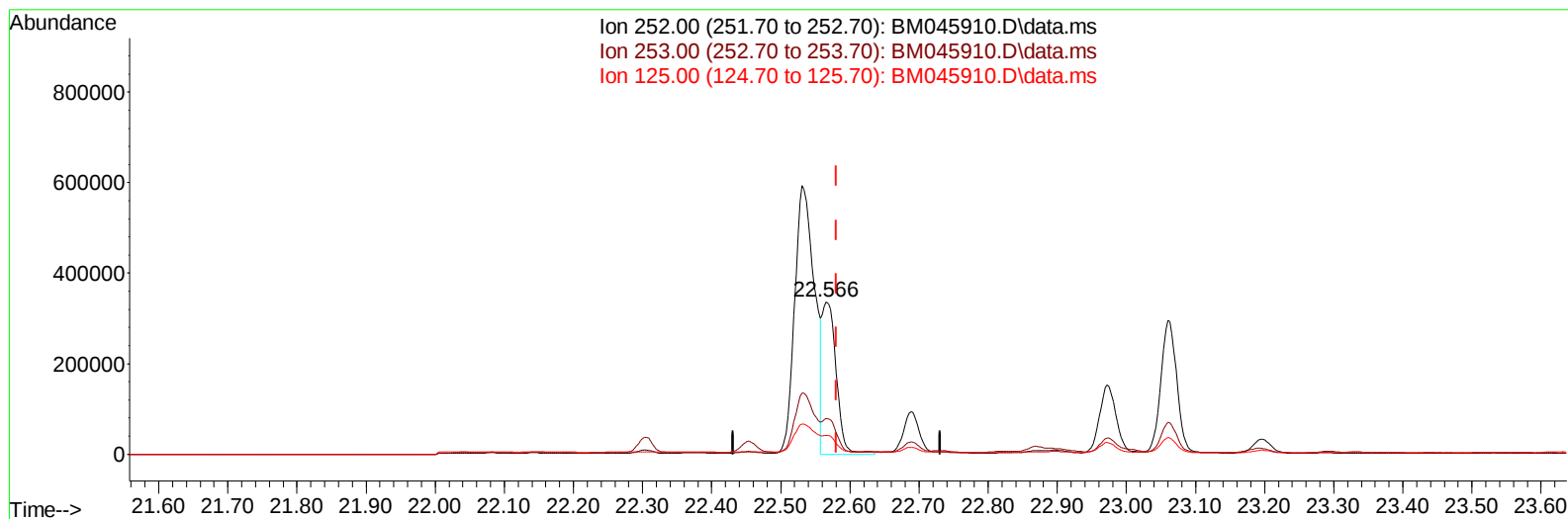
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:27:36 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: BM045910.D\data.ms

(25) Benzo(k)fluoranthene

22.566min (-0.015) 7.60 ng/u1 m

response 476687

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	23.70#
125.00	17.70	12.32#
0.00	0.00	0.00

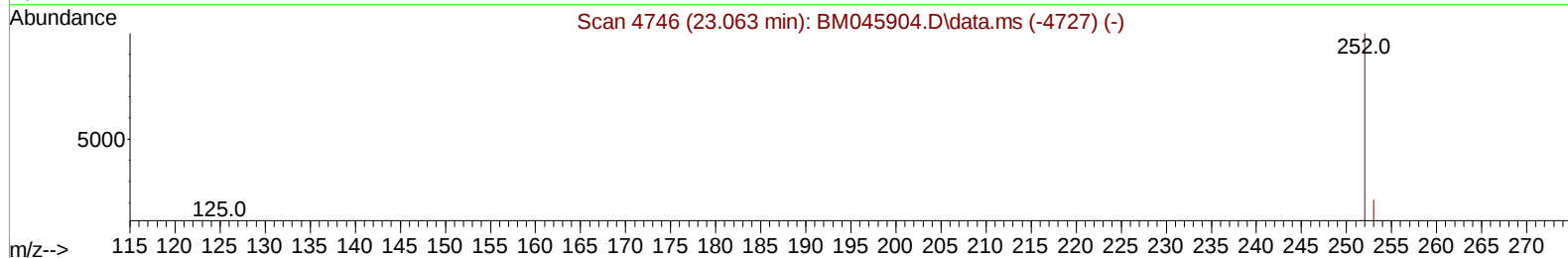
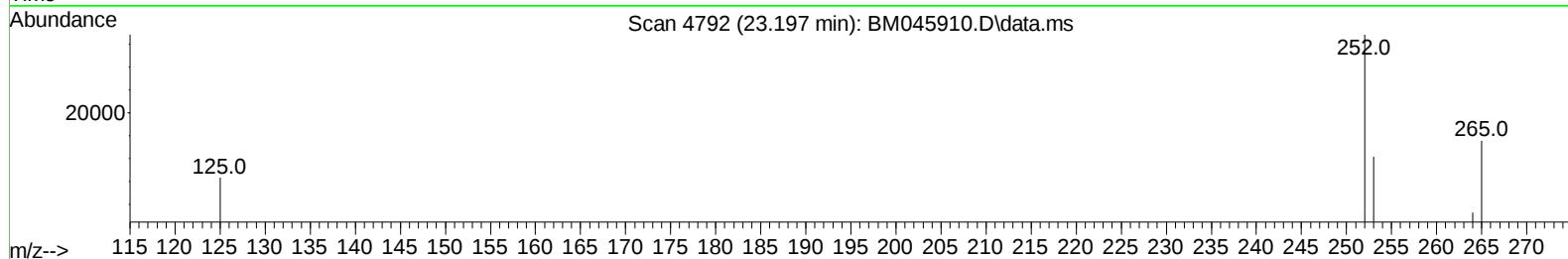
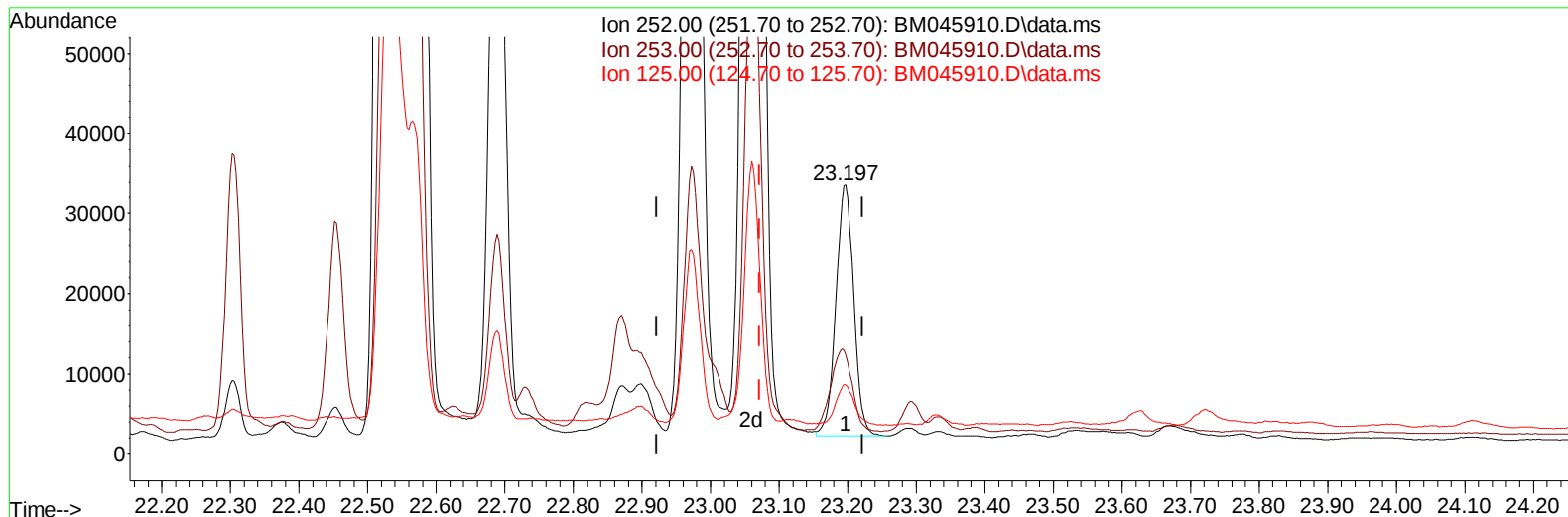
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(26) Benzo(a)pyrene (C)

23.197min (+ 0.125) 0.99 ng/u1

response 56333

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	36.64
125.00	21.60	25.54
0.00	0.00	0.00

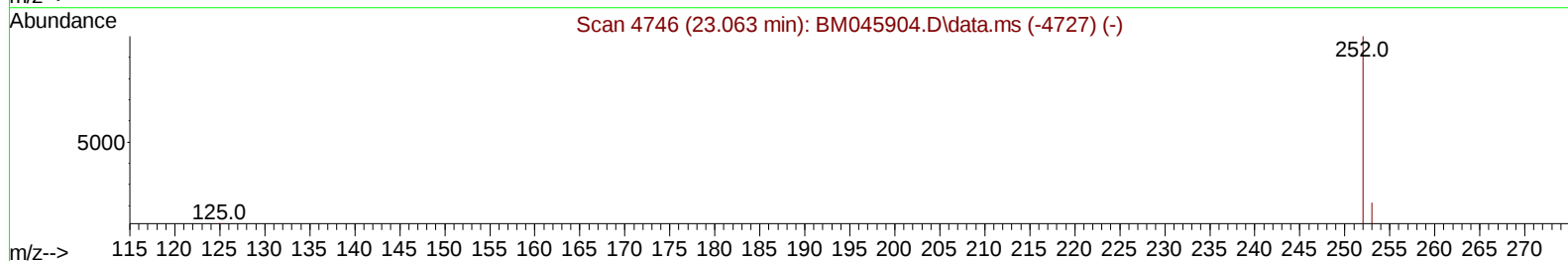
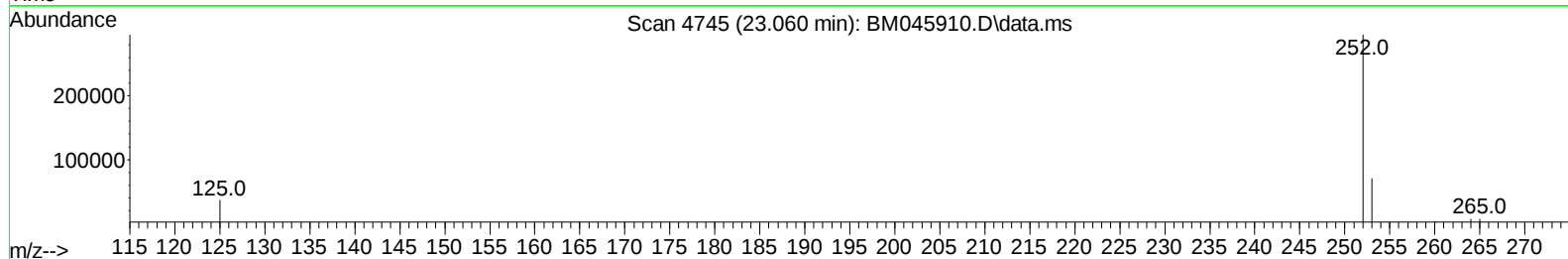
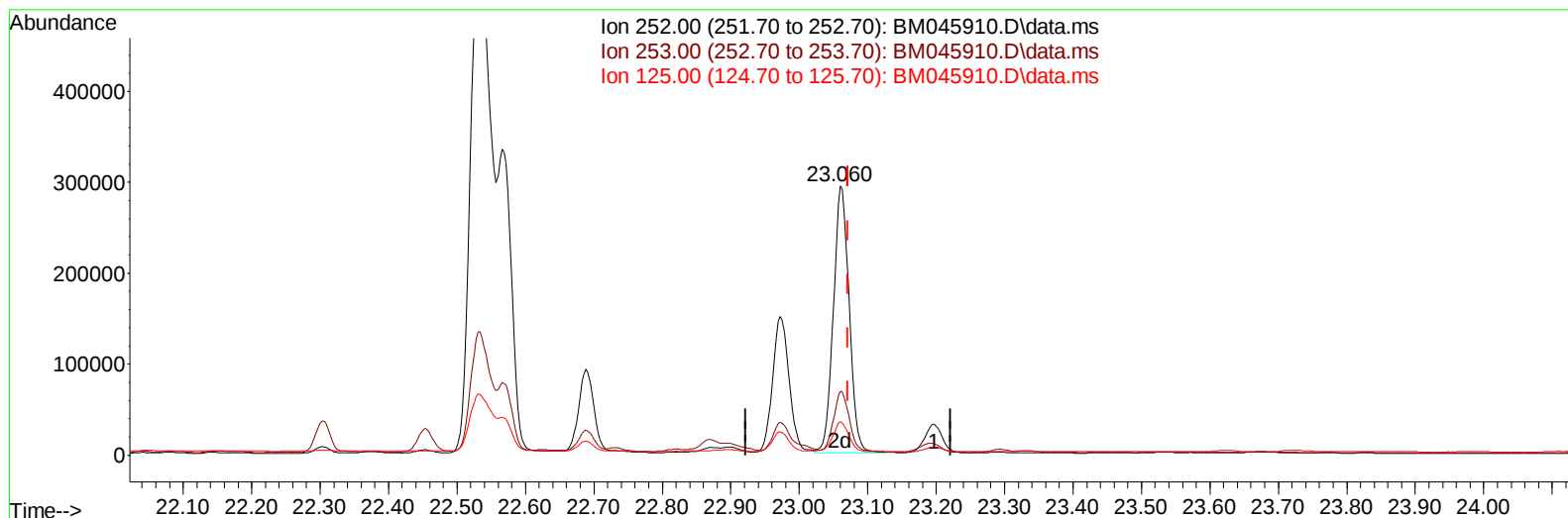
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 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 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(26) Benzo(a)pyrene (C)

23.060min (-0.012) 8.26 ng/u1 m

response 469284

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	23.78#
125.00	21.60	12.38#
0.00	0.00	0.00

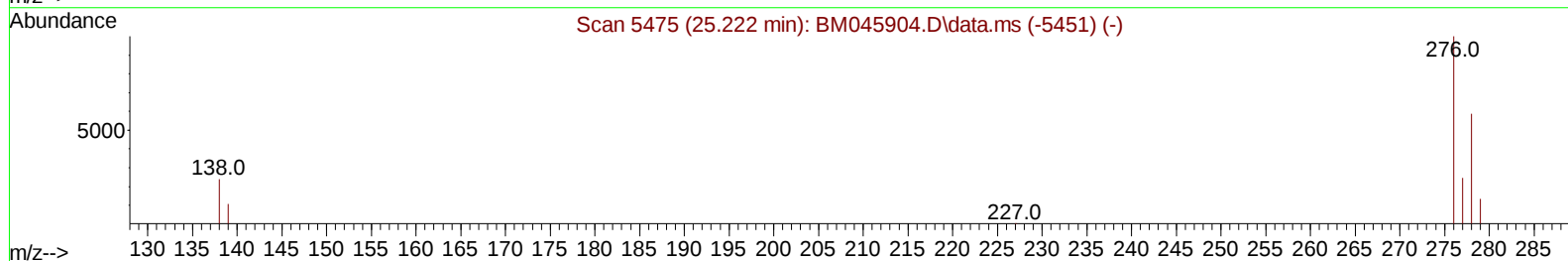
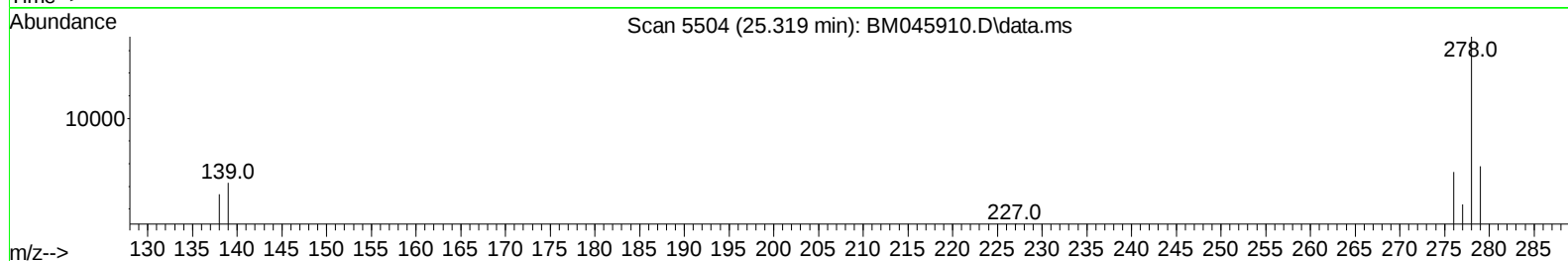
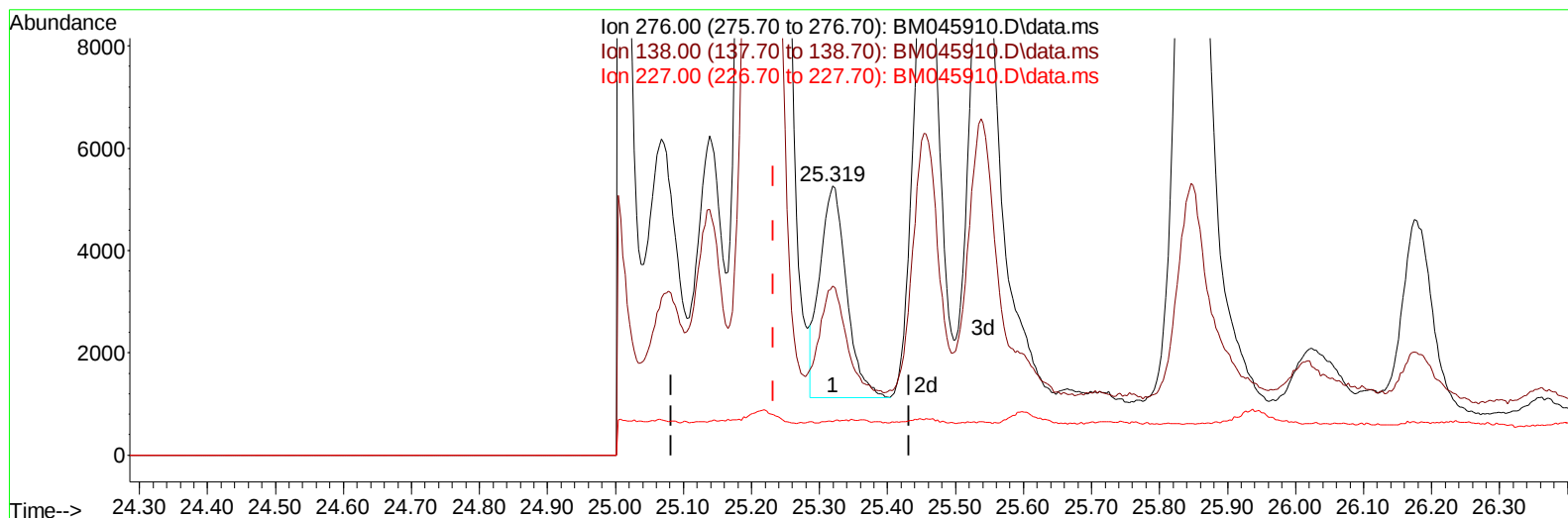
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:27:36 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: BM045910.D\data.ms

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

25.319min (+ 0.087) 0.15 ng/u1

response 11331

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	50.16#
227.00	0.20	0.62#
0.00	0.00	0.00

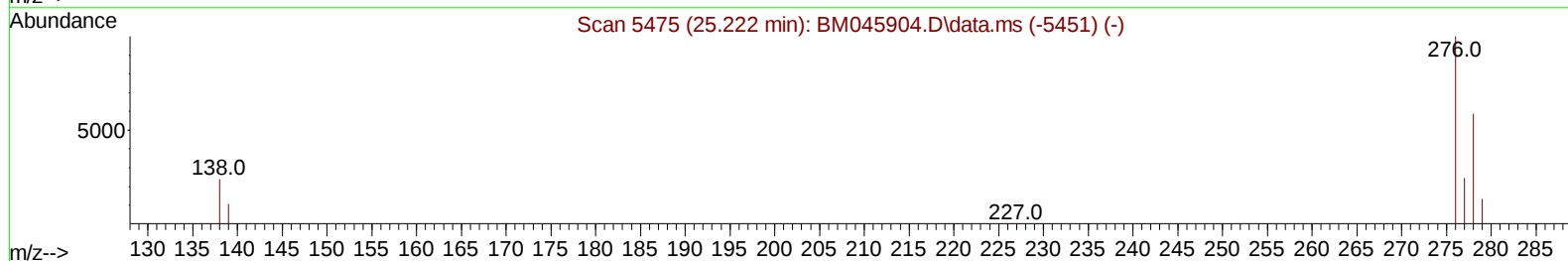
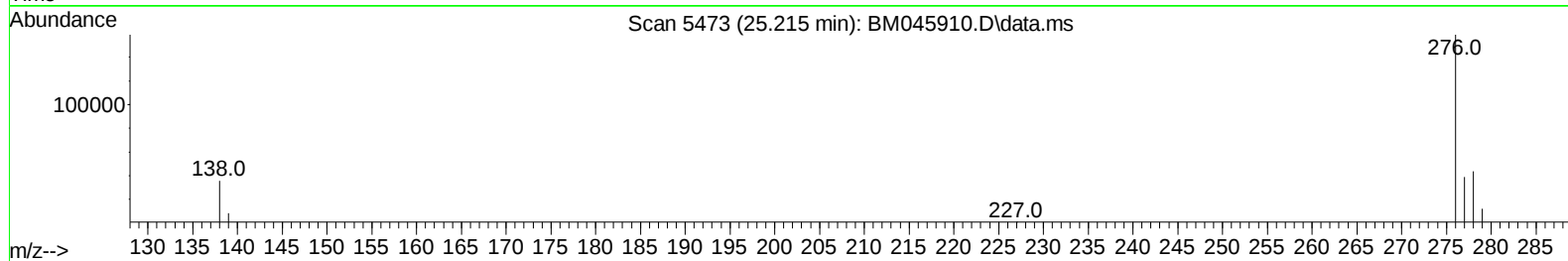
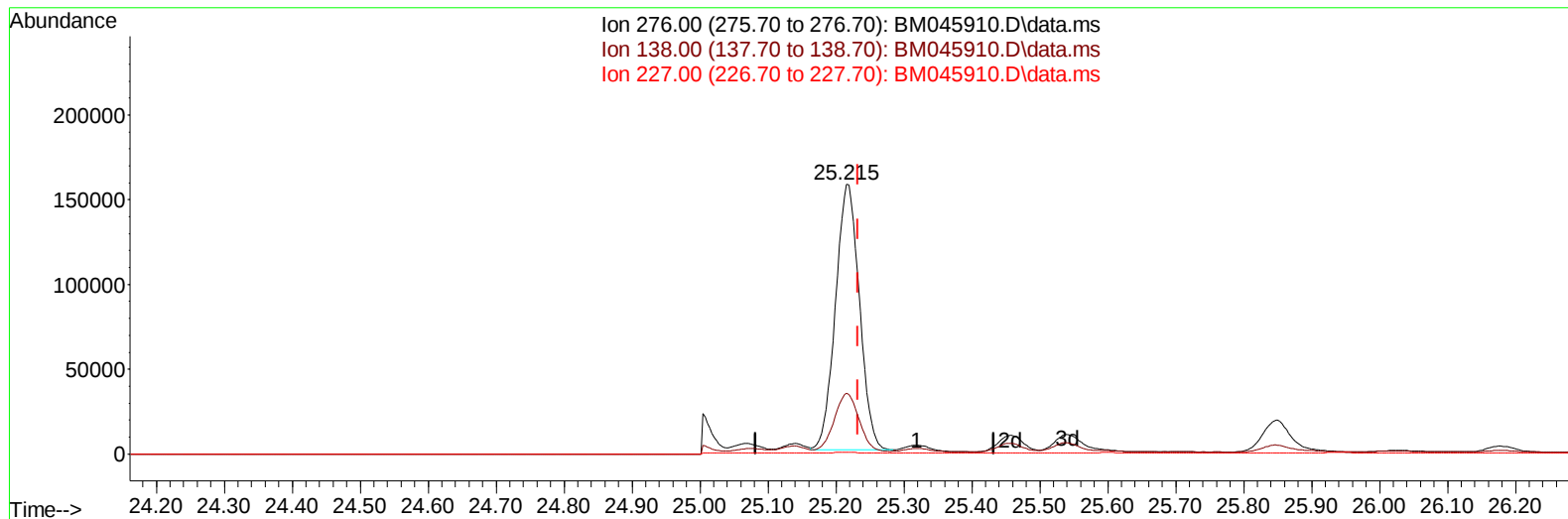
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

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QLast Update : Fri Jun 07 22:59:16 2024
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

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

25.215min (-0.017) 5.25 ng/u1 m

response 385268

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.90	1.48#
227.00	0.20	0.02#
0.00	0.00	0.00

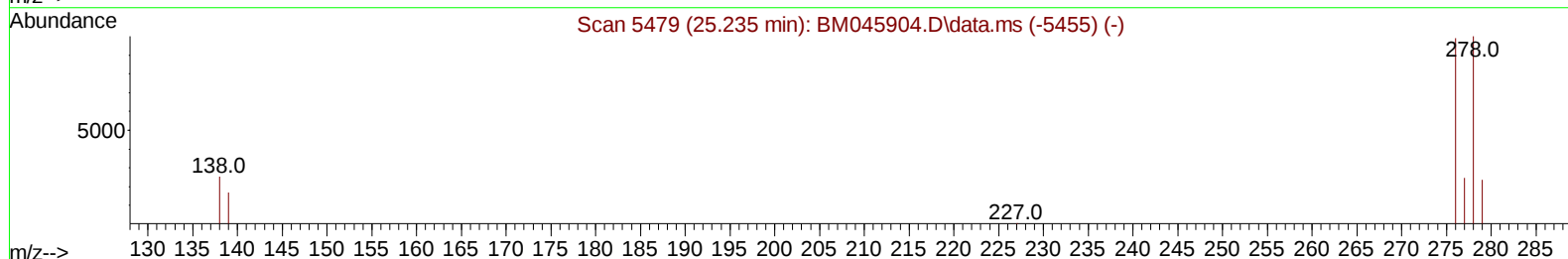
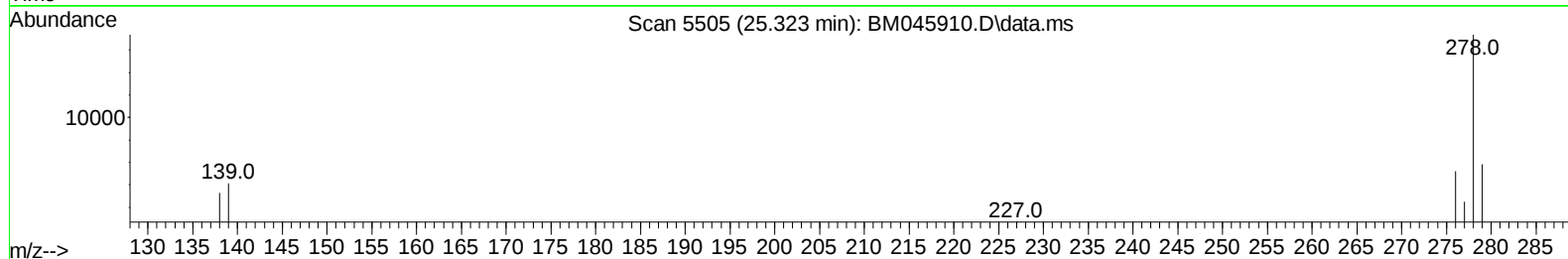
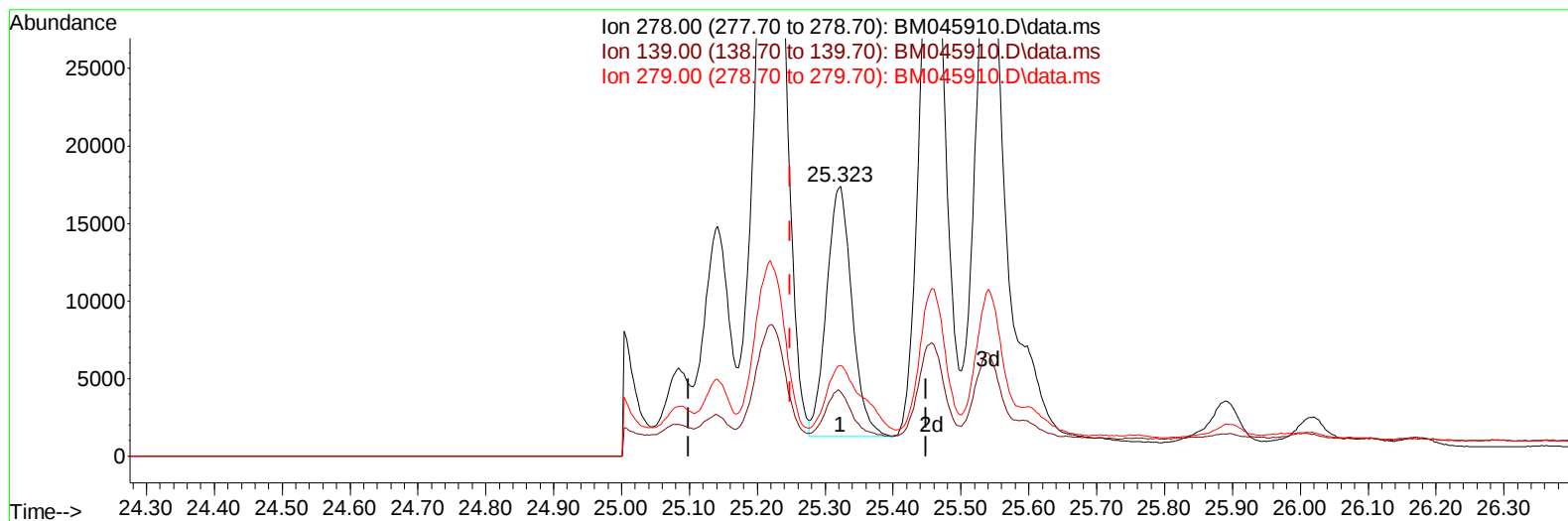
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:27:36 2024
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TIC: BM045910.D\data.ms

(28) Dibenzo(a,h)anthracene

25.323min (+ 0.074) 0.72 ng/u1

response 42226

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	23.65
279.00	30.80	33.59
0.00	0.00	0.00

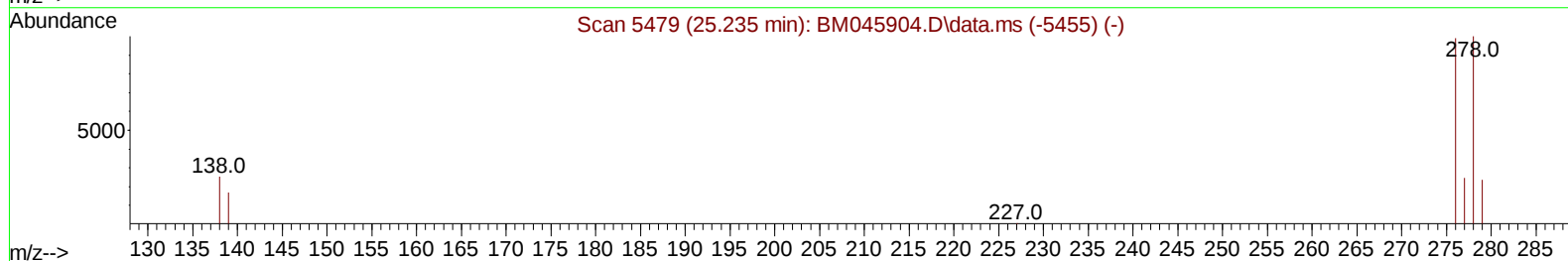
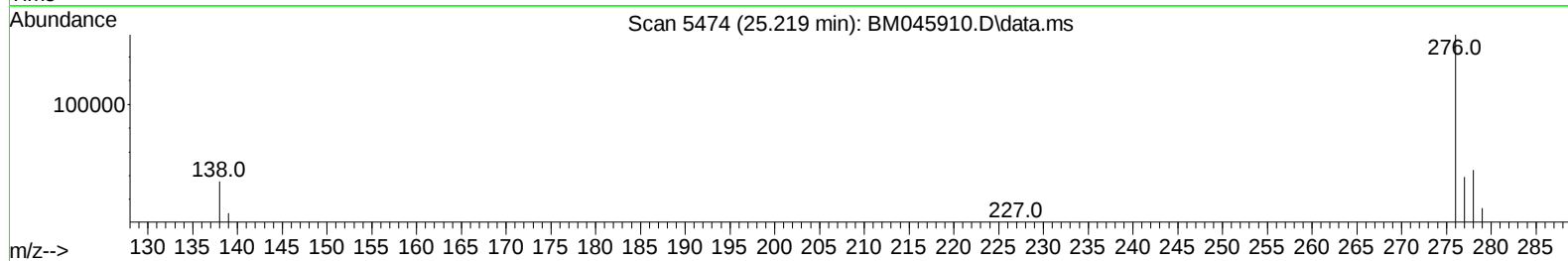
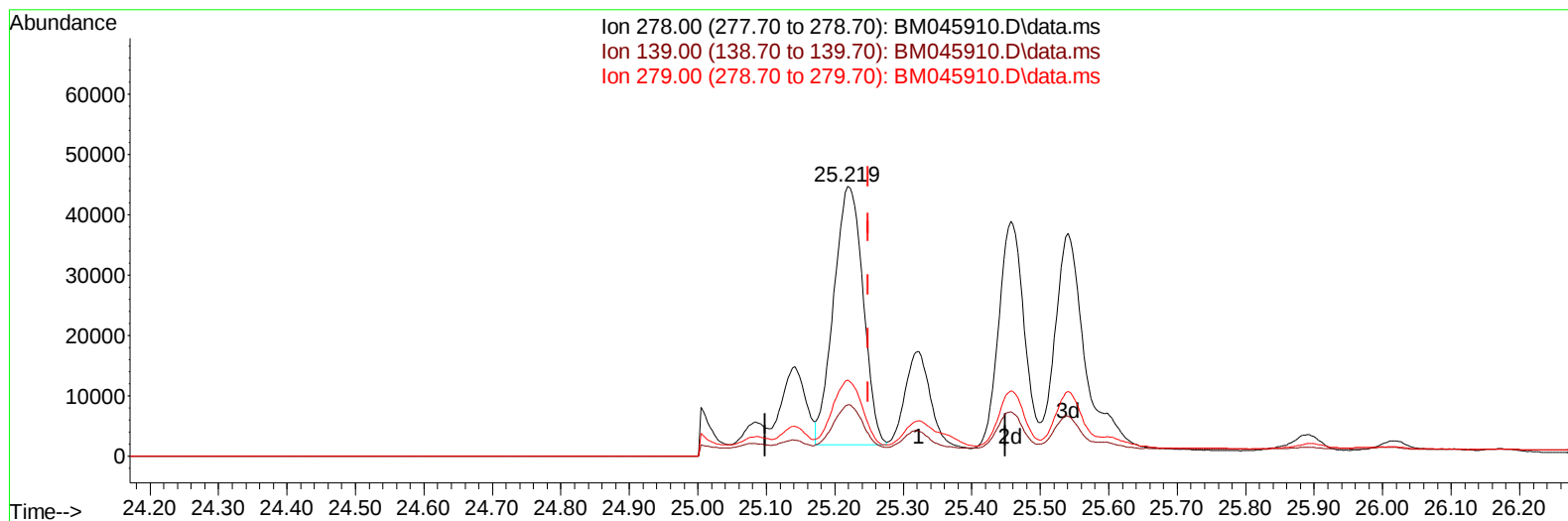
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

(28) Dibenzo(a,h)anthracene

25.219min (-0.030) 2.17 ng/ul m

response 127526

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.80	18.96
279.00	30.80	28.20
0.00	0.00	0.00

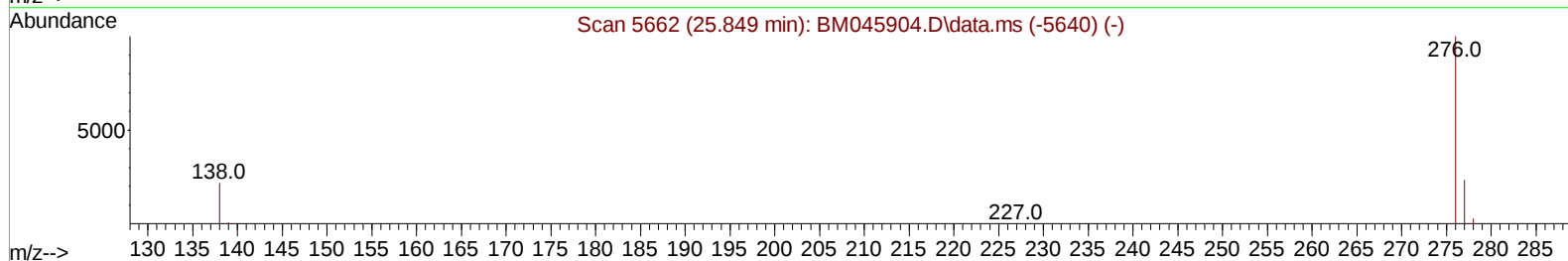
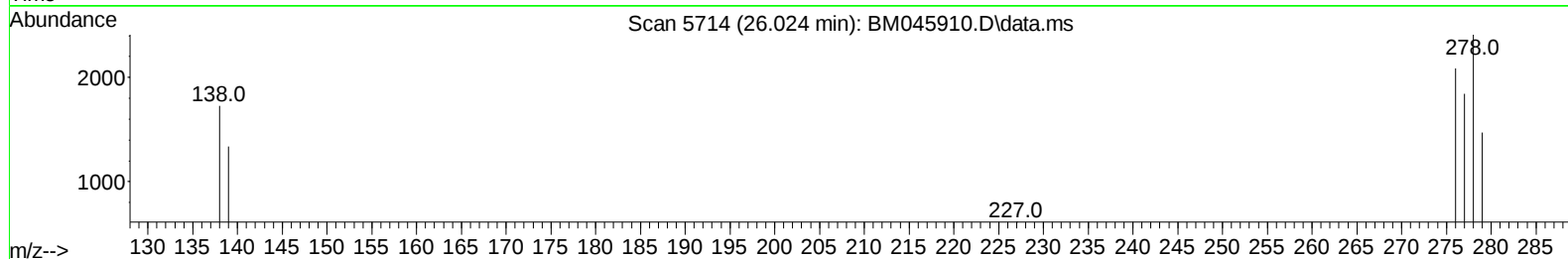
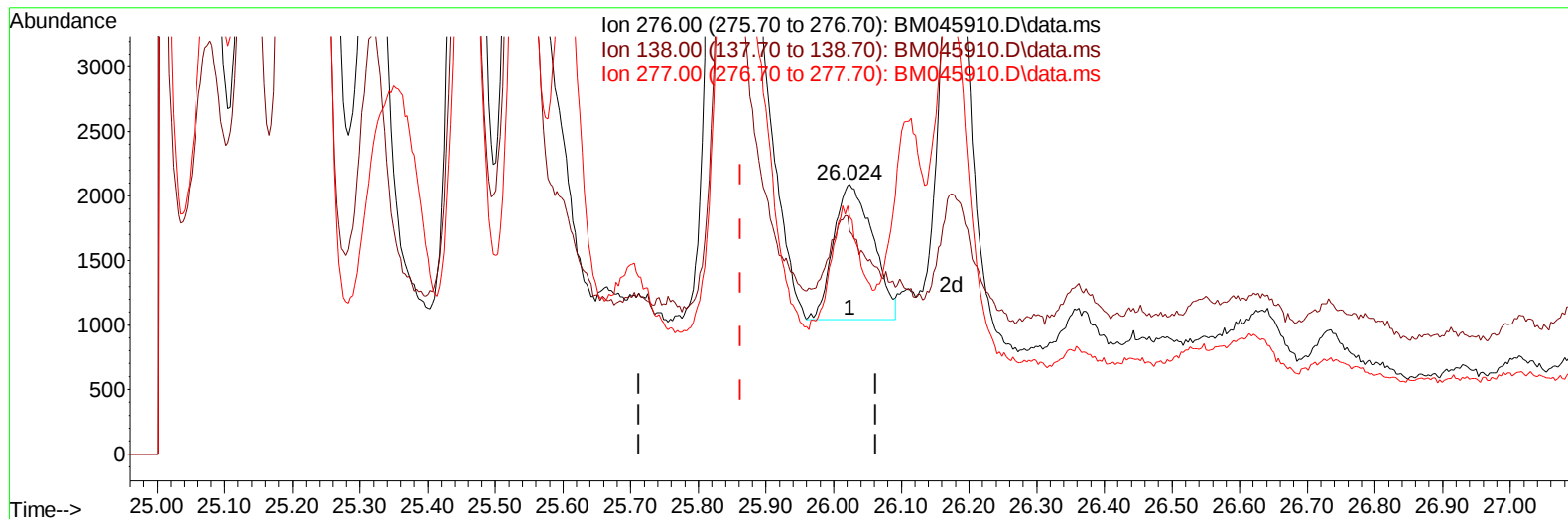
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045910.D
 Acq On : 08 Jun 2024 11:26
 Operator : MA/JU
 Sample : P2640-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C15

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

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

26.024min (+ 0.161) 0.07 ng/u1

response 4241

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	82.67#
277.00	25.60	88.13#
0.00	0.00	0.00

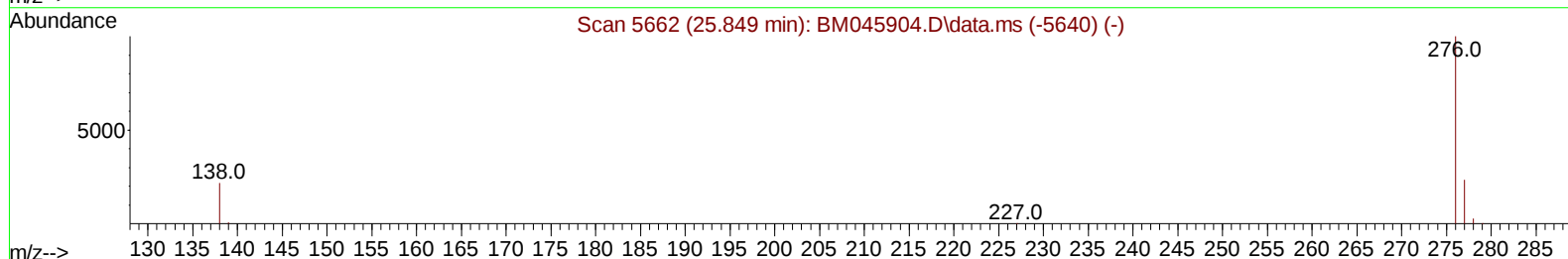
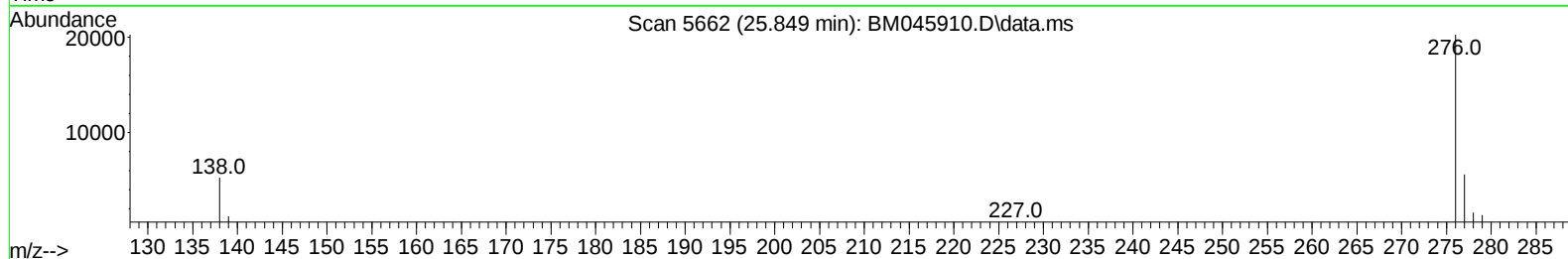
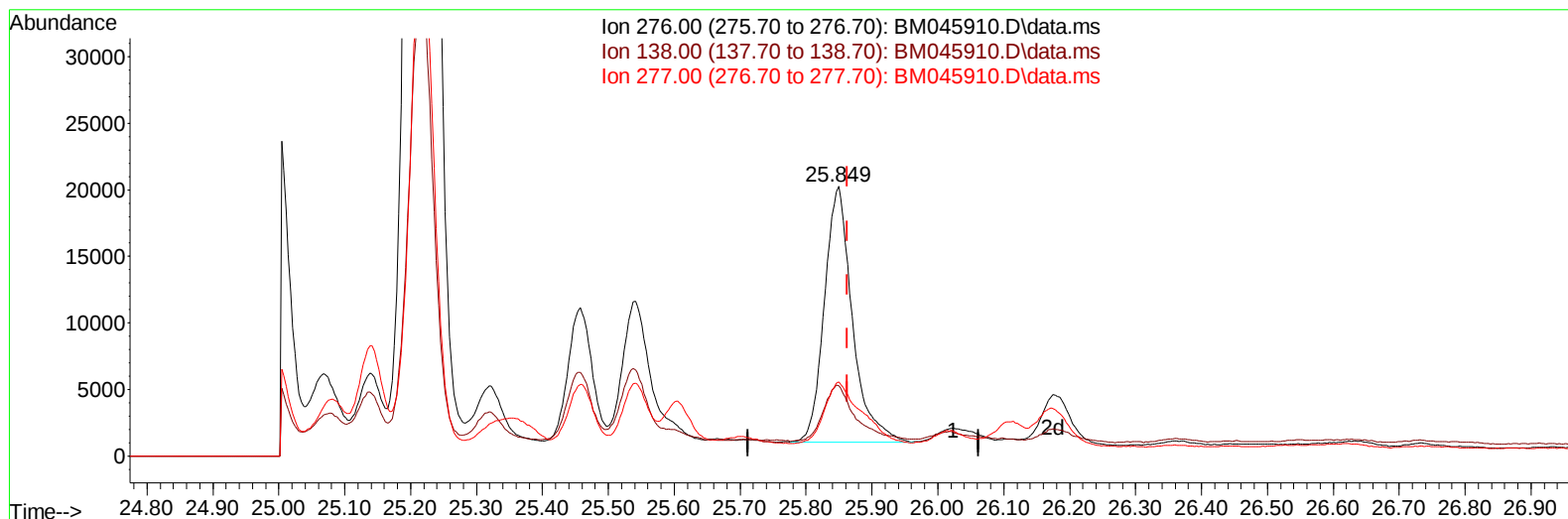
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045910.D
Acq On : 08 Jun 2024 11:26
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045910.D\data.ms

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

25.849min (-0.013) 0.90 ng/u1 m

response 56867

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	26.02
277.00	25.60	27.59
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2640-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C15

Manual IntegrationsAPPROVED

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 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	7.464	152	5285	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.233	136	18173	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	10098	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	24721m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.044	240	16209m	0.400	ng/ul	0.00
23) Perylene-d12	23.151	264	17216m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	32632	5.421	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	8793	0.336	ng/ul	0.00
18) Fluoranthene-d10	18.881	212	22933m	0.472	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.282	128	34804	0.733	ng/ul	100
7) 2-Methylnaphthalene	11.910	142	12810	0.423	ng/ul	98
8) 1-Methylnaphthalene	12.130	142	11177	0.339	ng/ul	99
10) Acenaphthylene	13.827	152	37328	0.813	ng/ul	99
11) Acenaphthene	14.169	153	66945	1.984	ng/ul	99
12) Fluorene	15.159	166	75860	2.011	ng/ul	99
15) Phenanthrene	16.888	178	1552066m	22.362	ng/ul	
16) Anthracene	16.981	178	257337m	4.347	ng/ul	
19) Fluoranthene	18.914	202	2665719m	41.243	ng/ul	
20) Pyrene	19.276	202	1923704m	28.531	ng/ul	
21) Benzo(a)anthracene	21.029	228	1046142m	17.583	ng/ul	
22) Chrysene	21.082	228	1102555m	17.022	ng/ul	
24) Benzo(b)fluoranthene	22.531	252	1186635m	20.781	ng/ul	
25) Benzo(k)fluoranthene	22.566	252	476687m	7.597	ng/ul	
26) Benzo(a)pyrene	23.060	252	469284m	8.264	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.215	276	385268m	5.247	ng/ul	
28) Dibenzo(a,h)anthracene	25.219	278	127526m	2.172	ng/ul	
29) Benzo(g,h,i)perylene	25.849	276	56867m	0.898	ng/ul	

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

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