

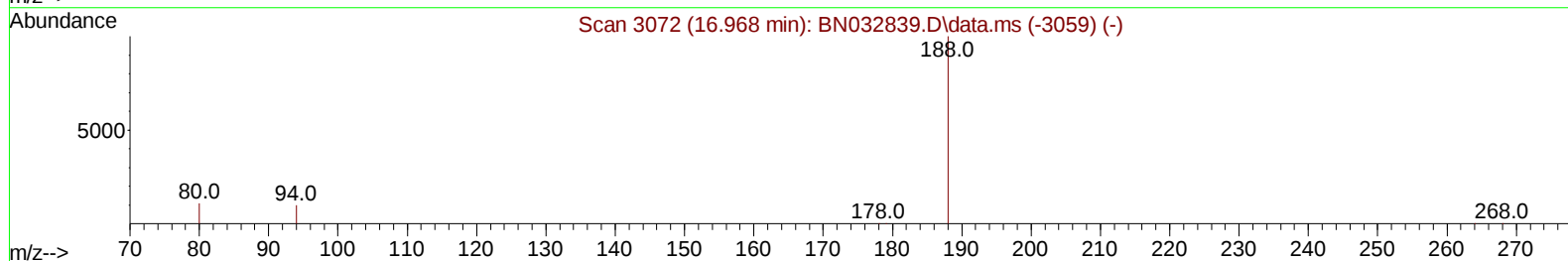
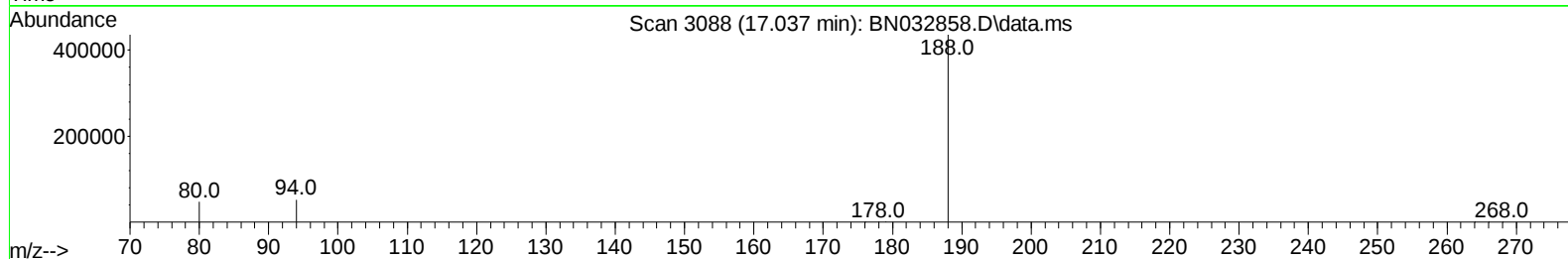
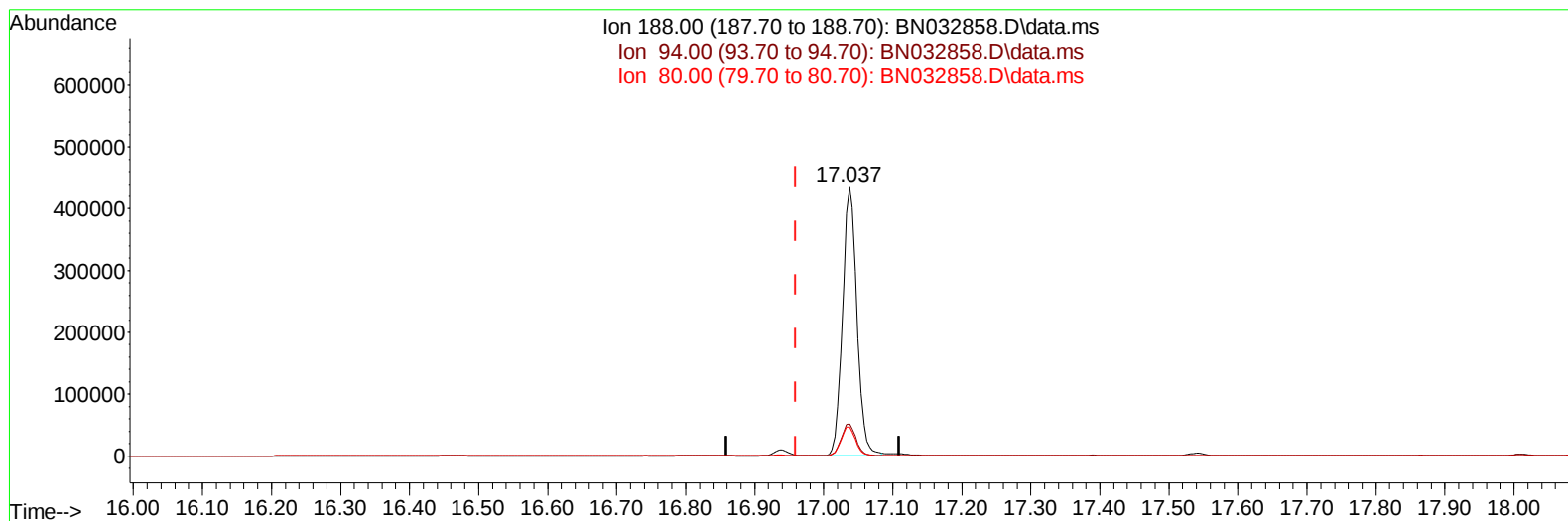
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(13) Phenanthrene-d10 (I)

17.037min (+ 0.078) 0.40 ng/u1

response 633266

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.99
80.00	12.00	10.86
0.00	0.00	0.00

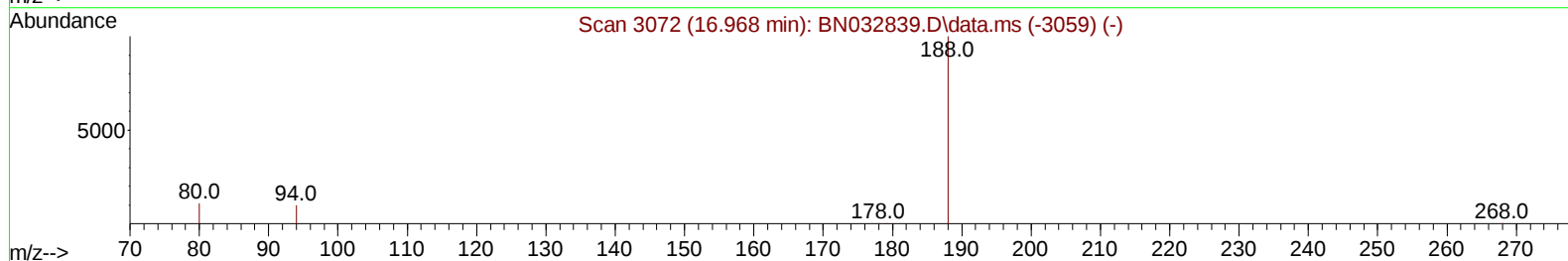
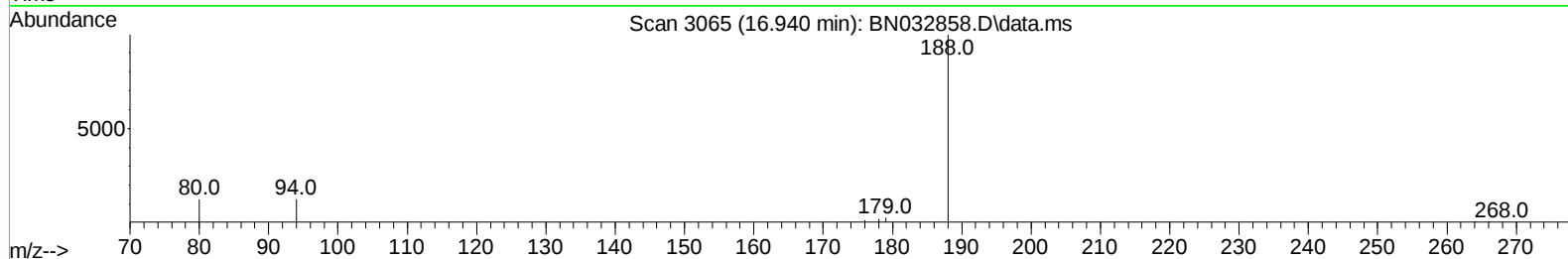
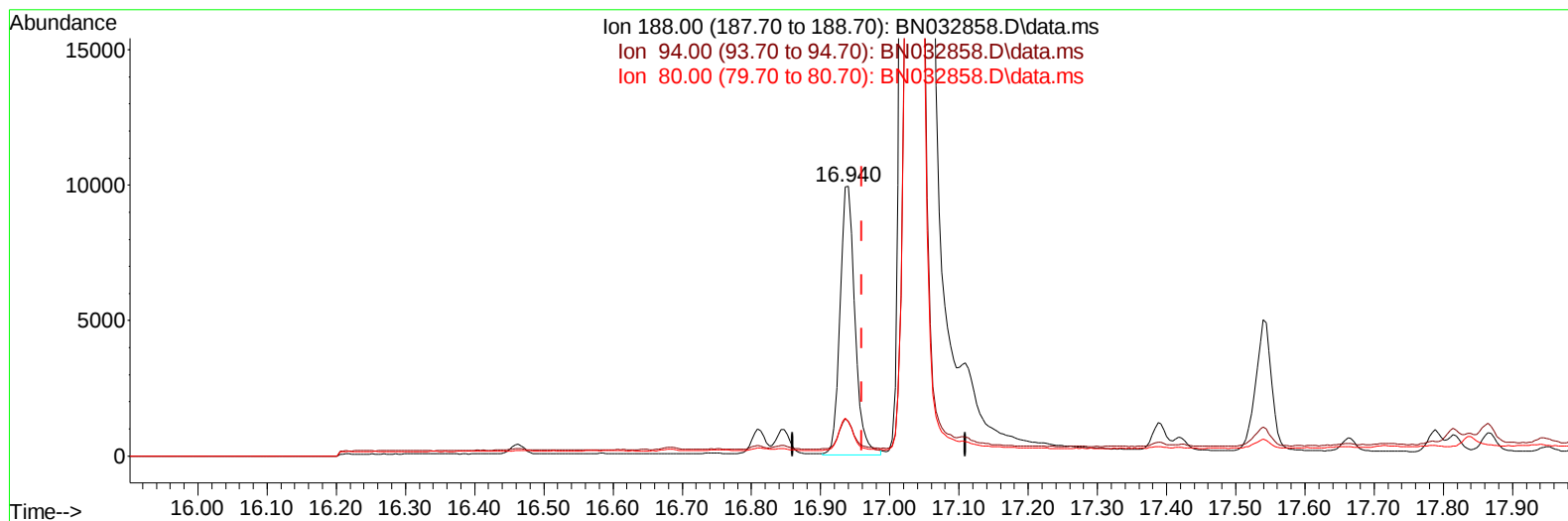
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(13) Phenanthrene-d10 (I)

16.940min (-0.019) 0.40 ng/u1 m

response 14864

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.78
80.00	12.00	12.75
0.00	0.00	0.00

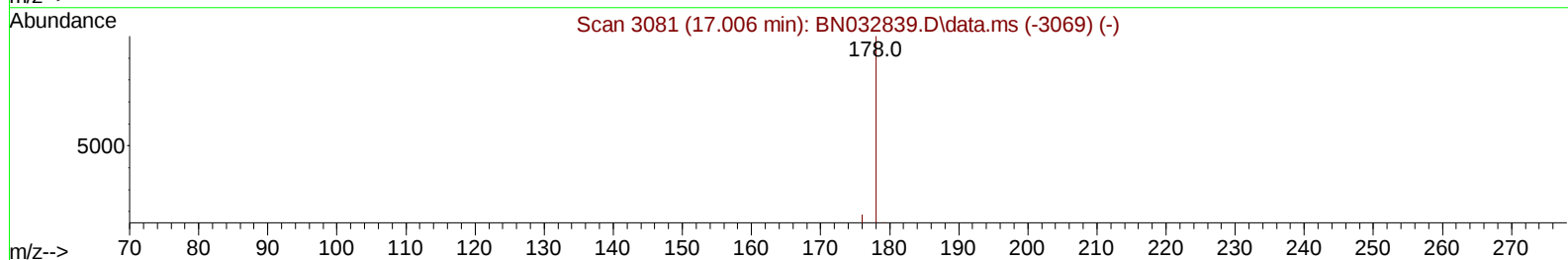
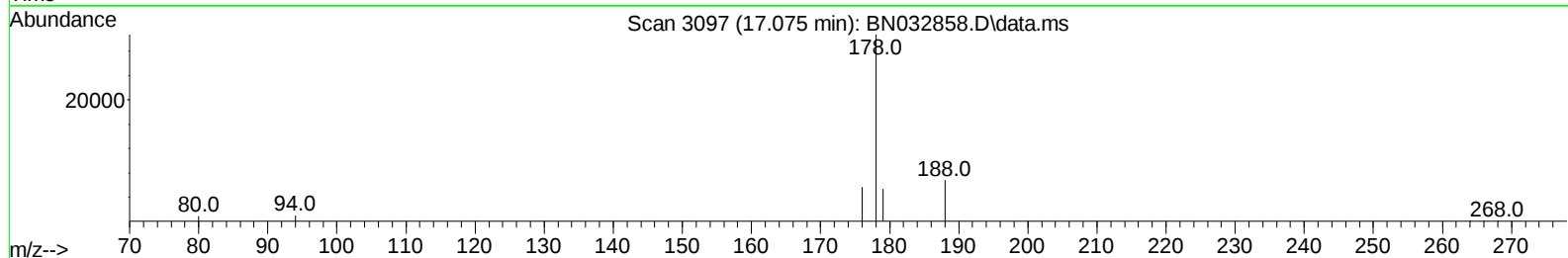
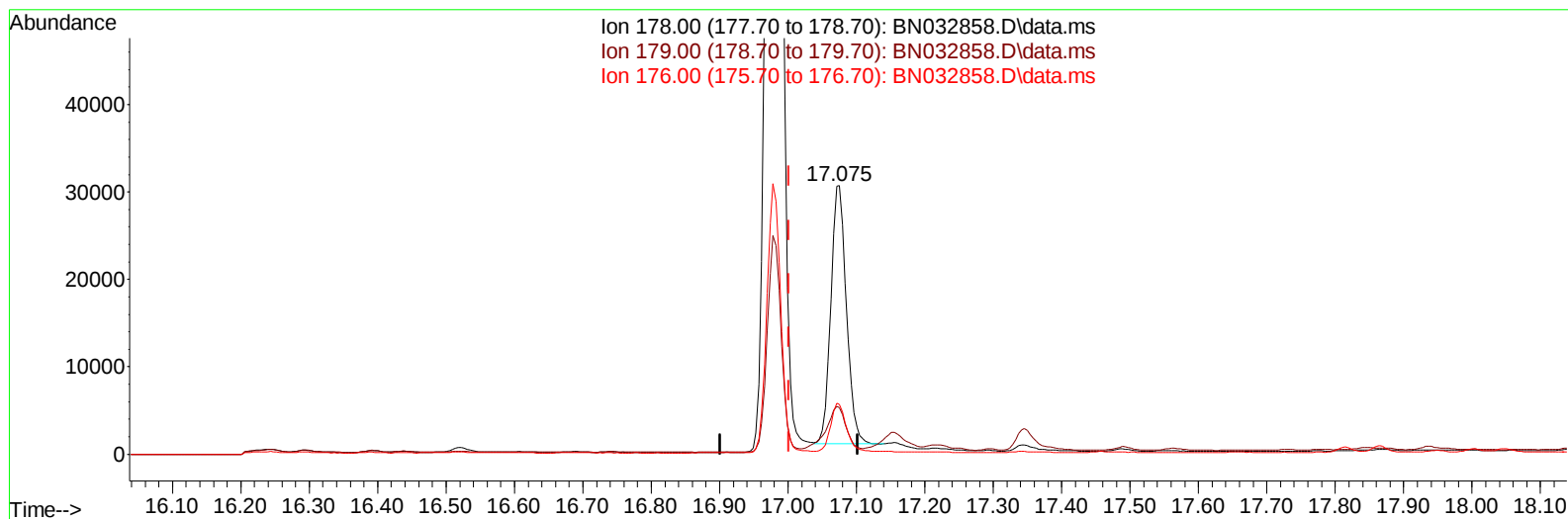
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032858.D\data.ms

(15) Phenanthrene

17.075min (+ 0.073) 1.16 ng/u1

response 46870

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.42
176.00	19.50	18.47
0.00	0.00	0.00

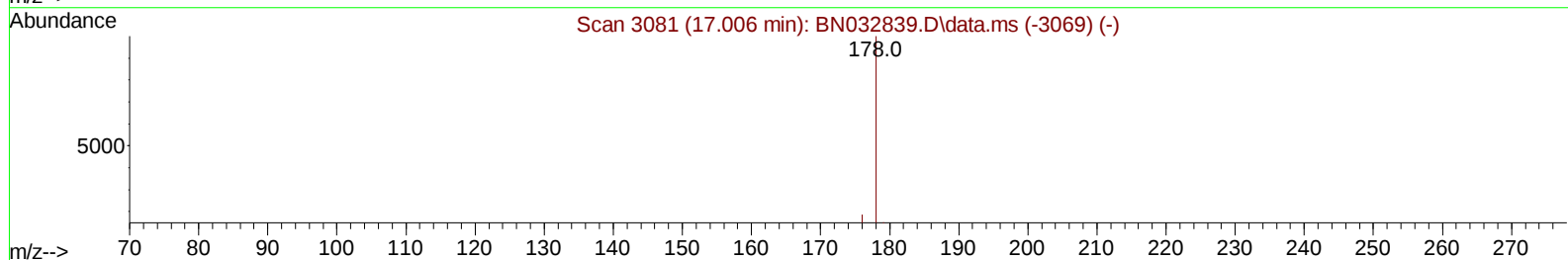
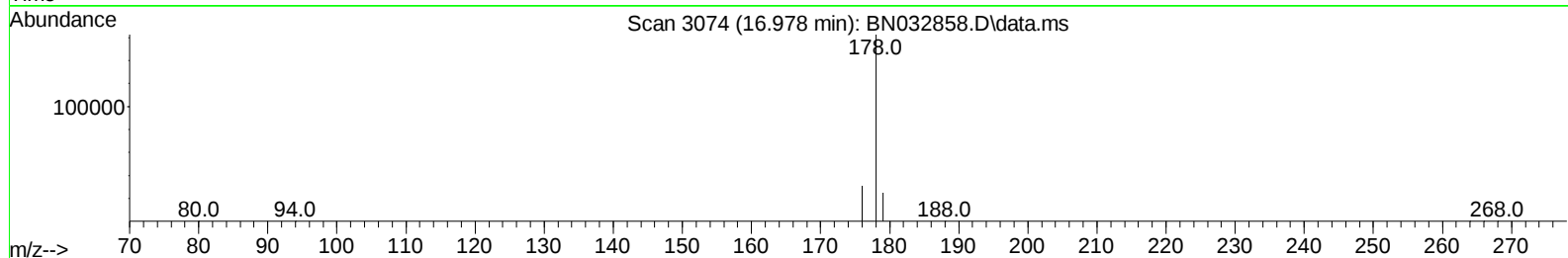
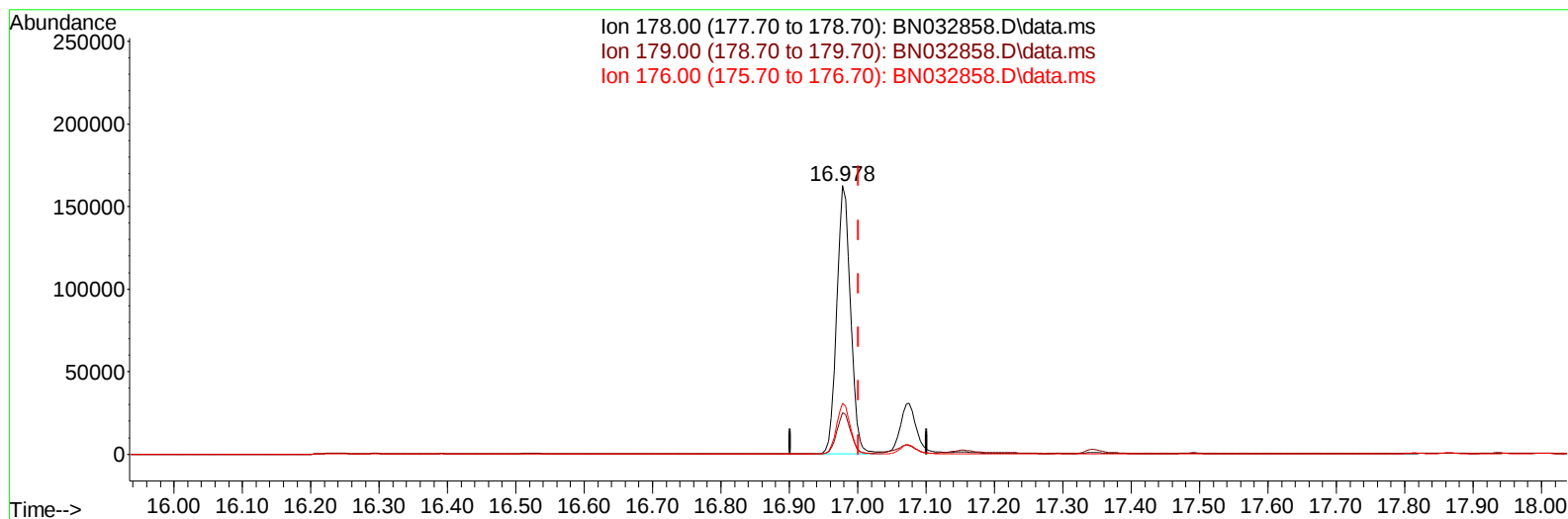
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(15) Phenanthrene

16.978min (-0.024) 5.66 ng/ul m

response 229072

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.40
176.00	19.50	19.04
0.00	0.00	0.00

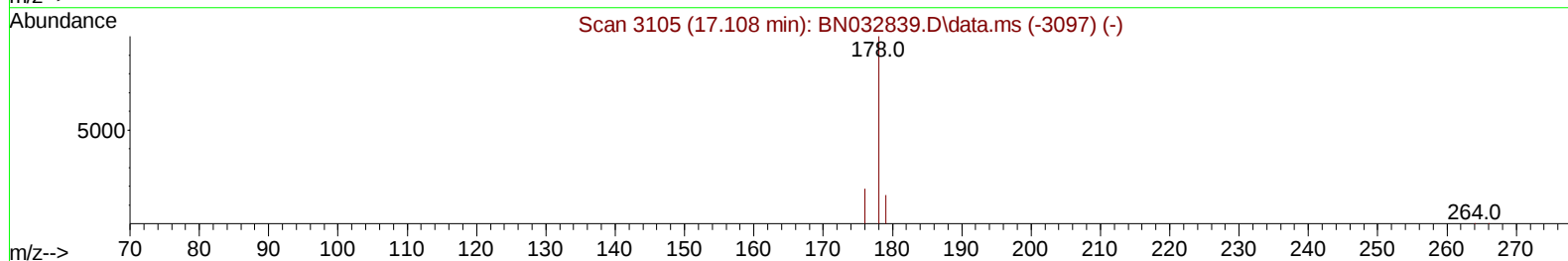
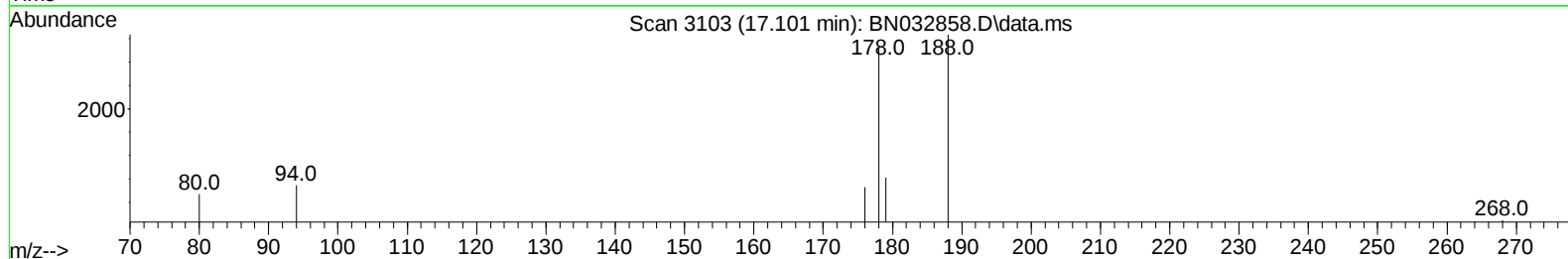
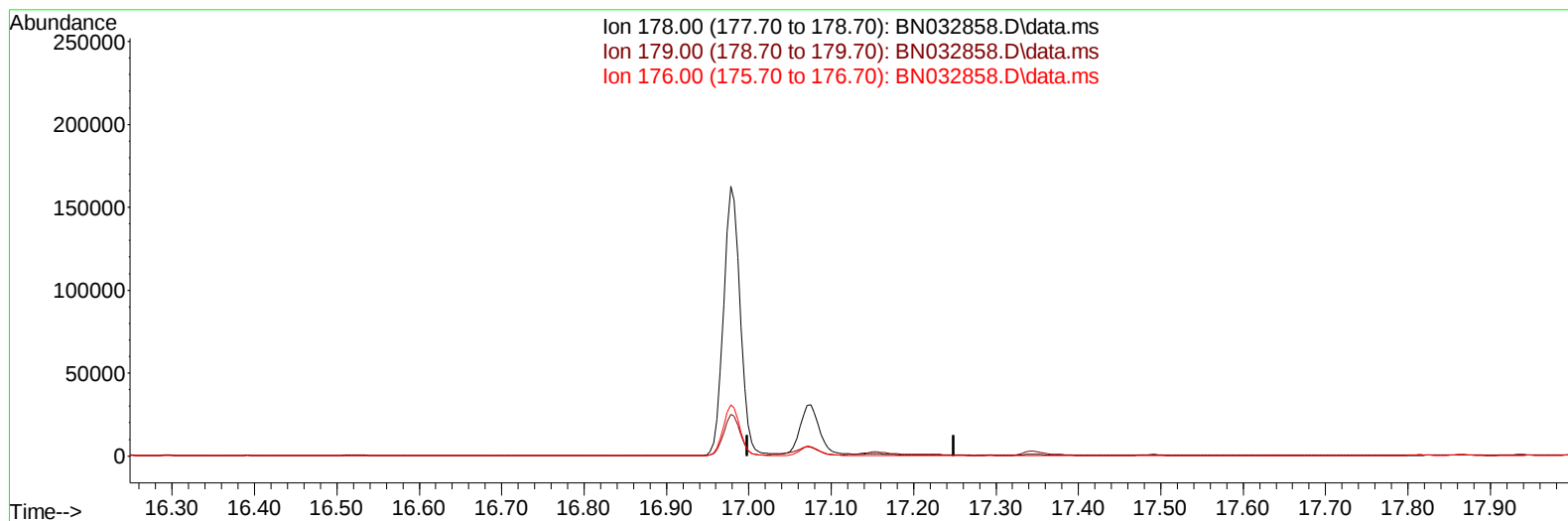
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(16) Anthracene

17.099min (-17.099) 0.00 ng/u1

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	16.80	0.00#
176.00	19.20	0.00#
0.00	0.00	0.00

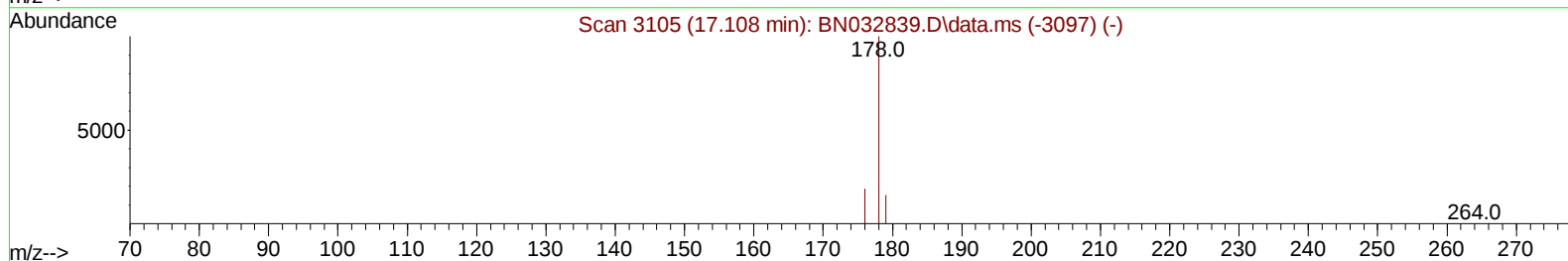
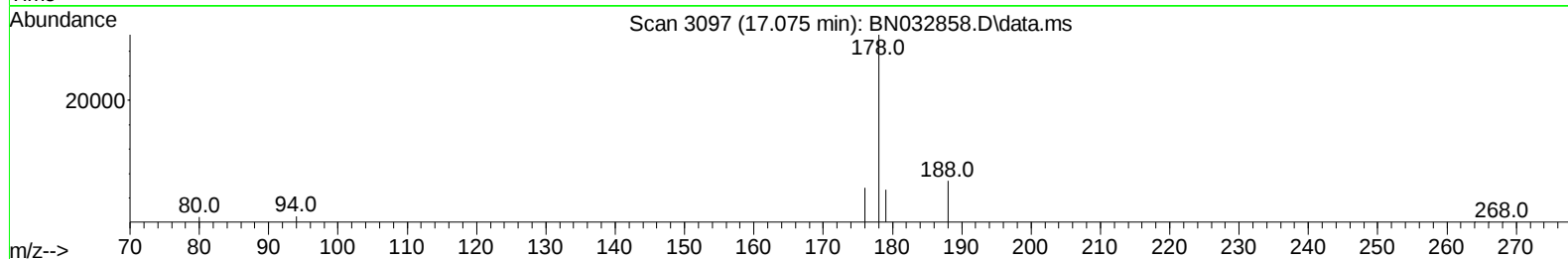
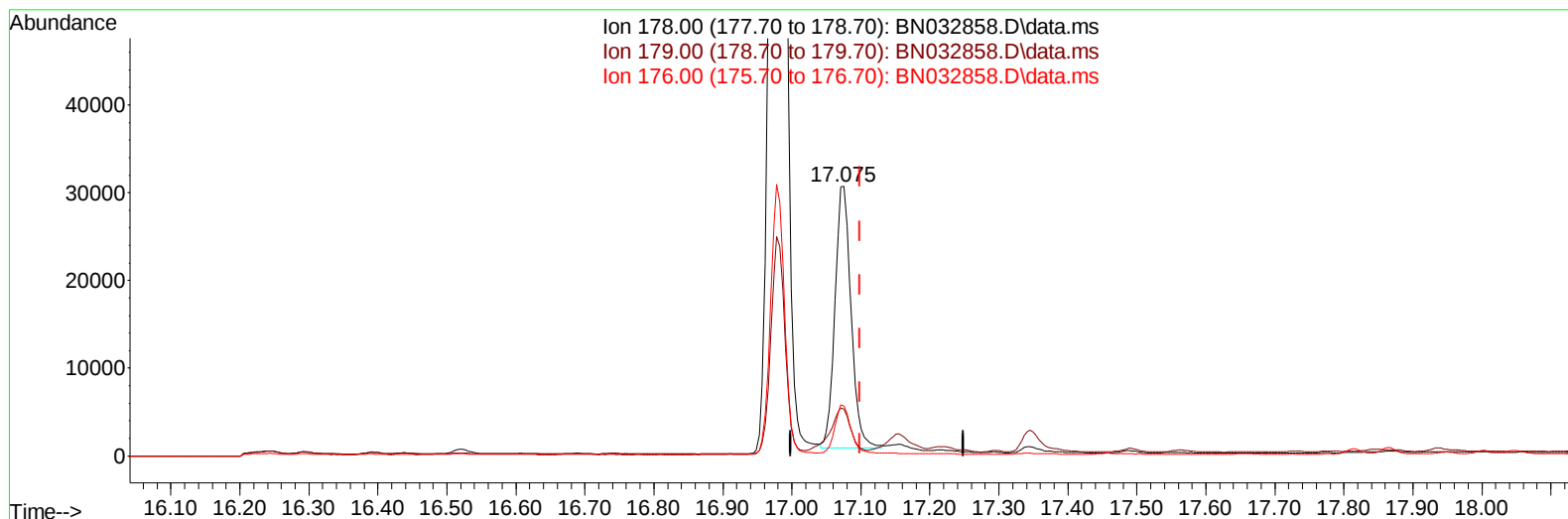
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN032858.D\data.ms

(16) Anthracene

17.075min (-0.024) 1.46 ng/ul m

response 48190

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	17.42
176.00	19.20	18.47
0.00	0.00	0.00

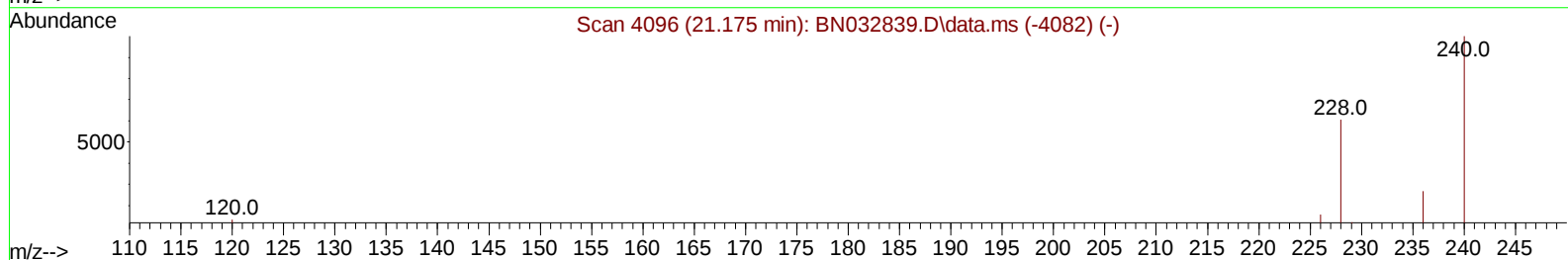
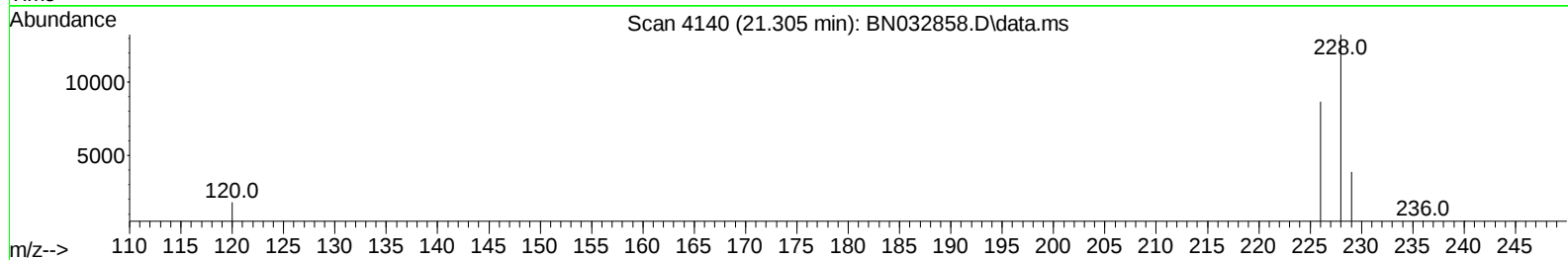
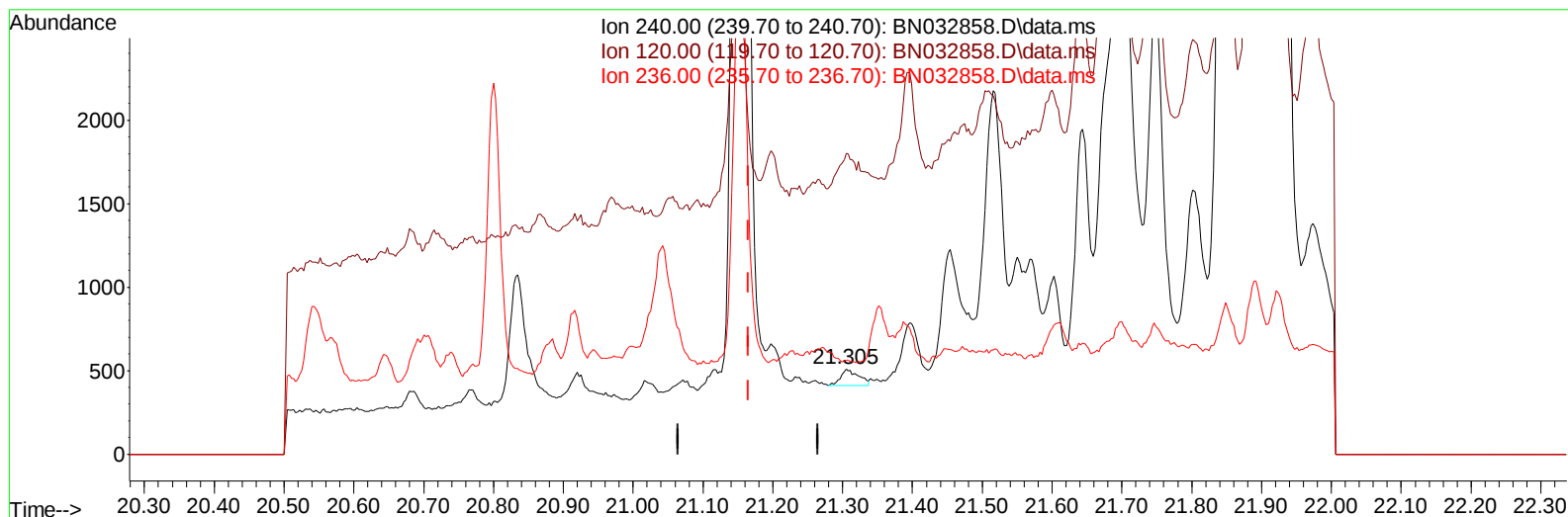
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032858.D\data.ms

(17) Chrysene-d12

21.305min (+ 0.140) 0.40 ng/u1

response 176

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	353.73#
236.00	28.40	110.20#
0.00	0.00	0.00

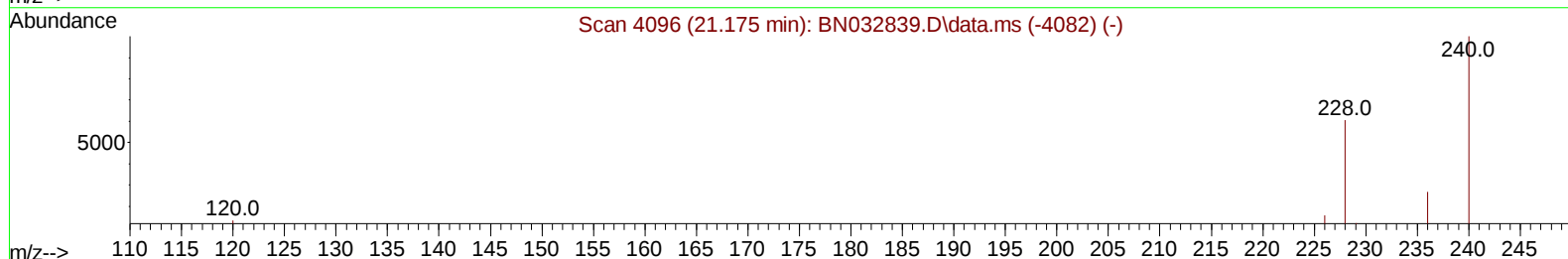
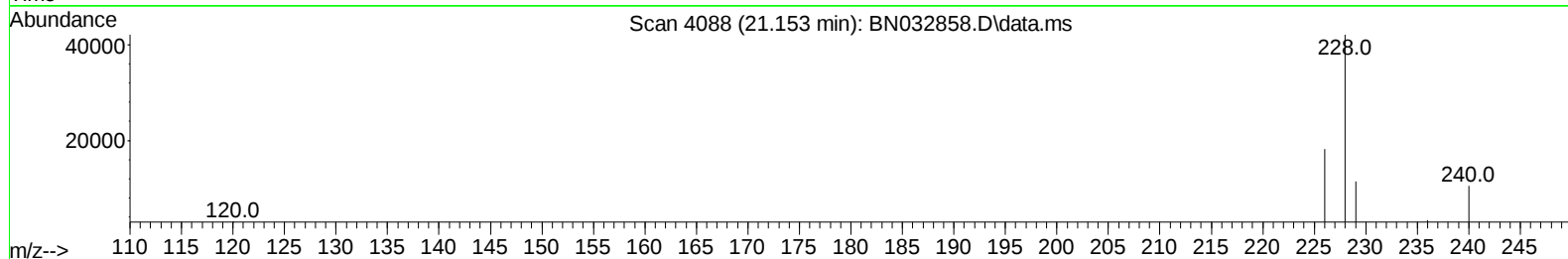
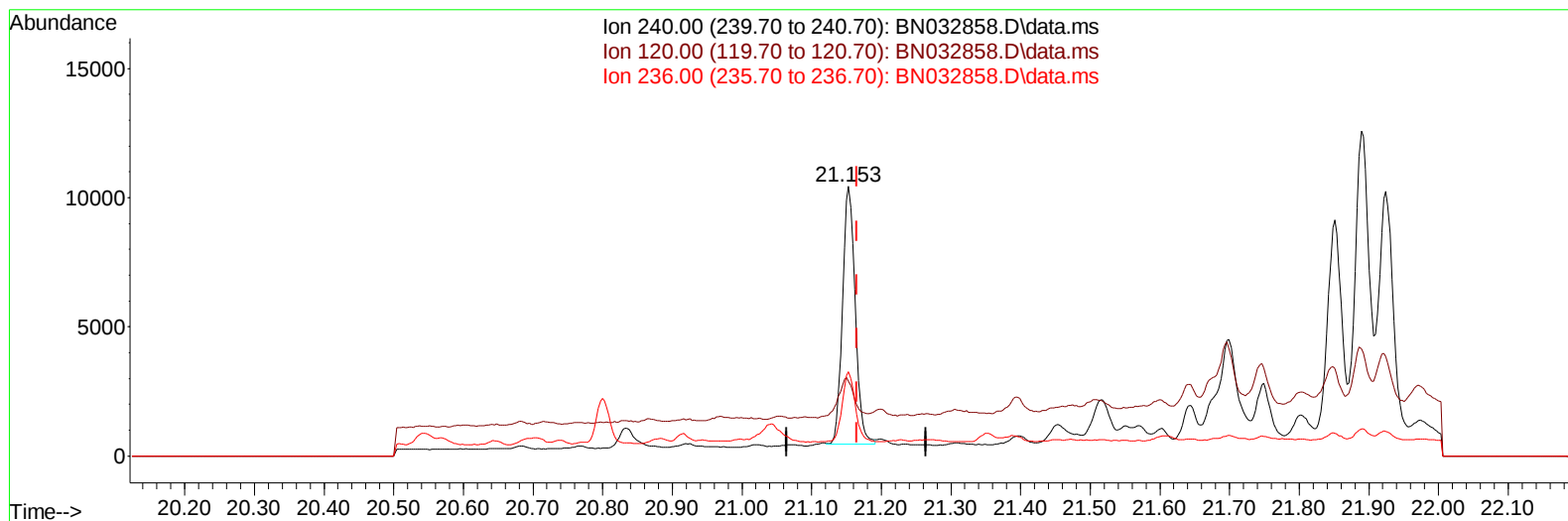
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration



TIC: BN032858.D\data.ms

(17) Chrysene-d12

21.153min (-0.012) 0.40 ng/ul m

response 12665

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	27.78#
236.00	28.40	31.27
0.00	0.00	0.00

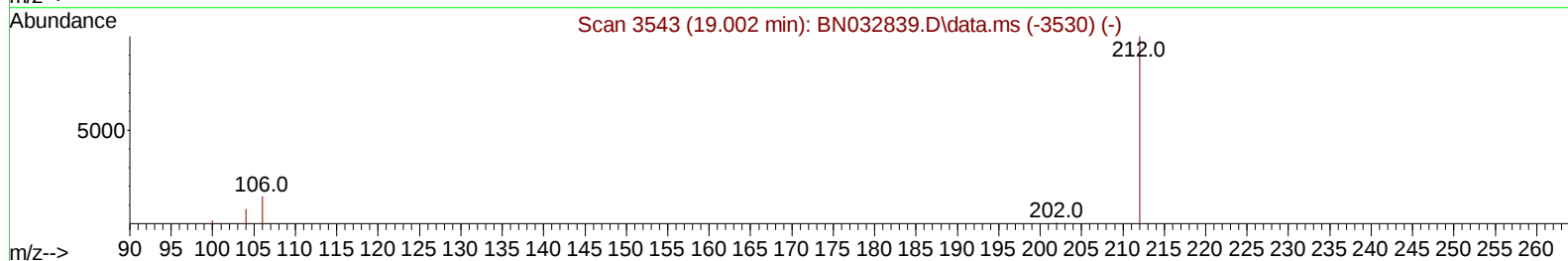
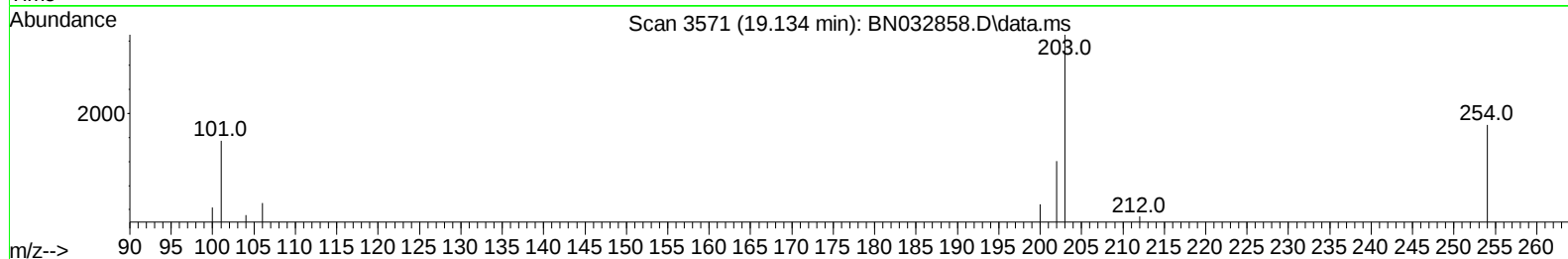
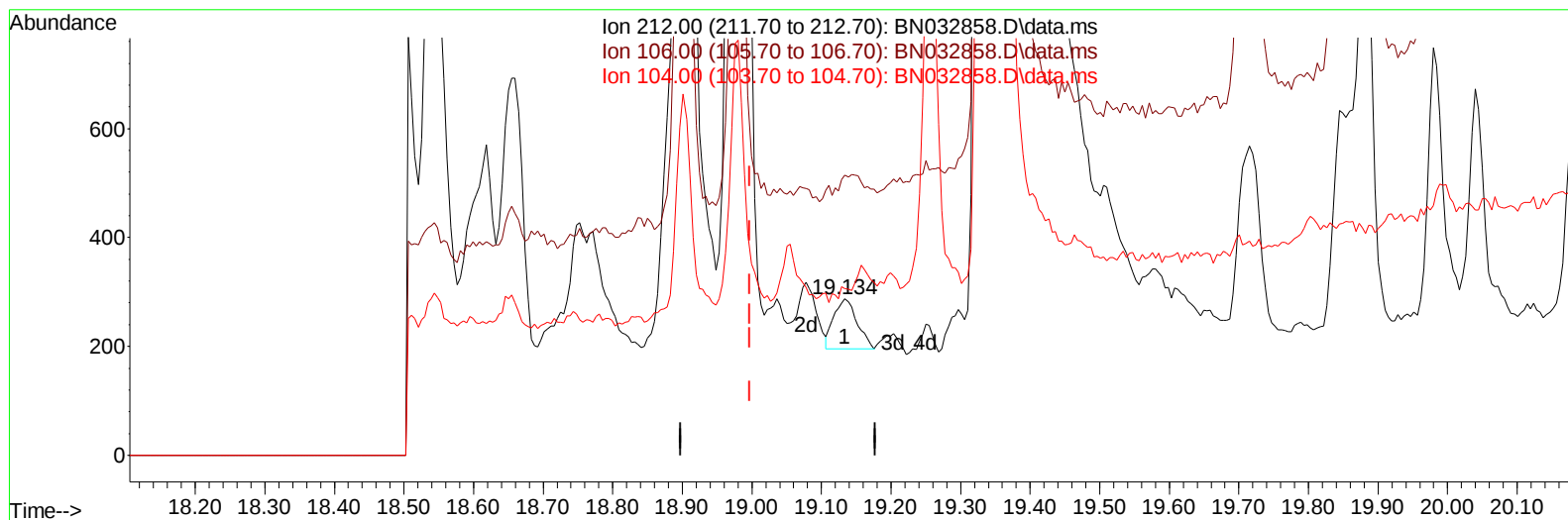
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
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TIC: BN032858.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.134min (+ 0.136) 0.01 ng/u1

response 209

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	43.06#
104.00	9.00	18.18#
0.00	0.00	0.00

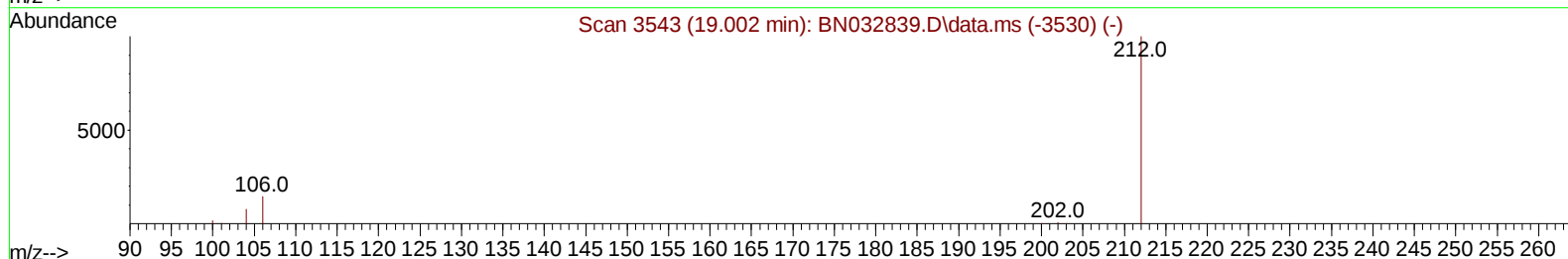
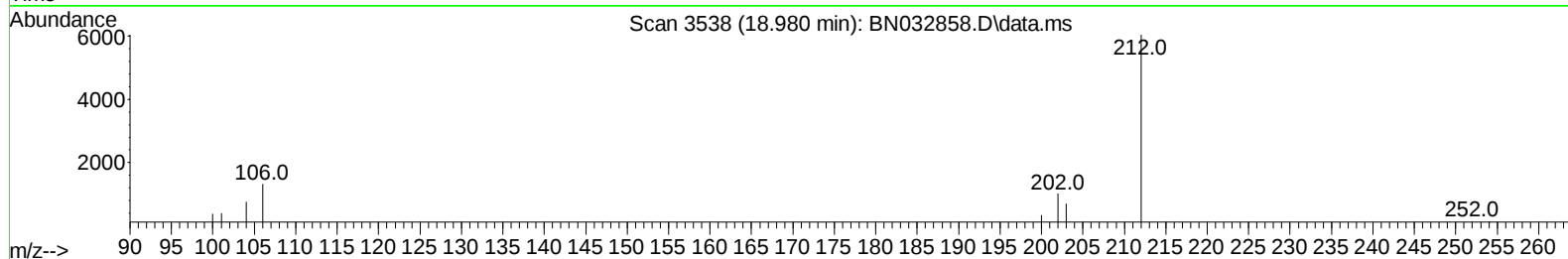
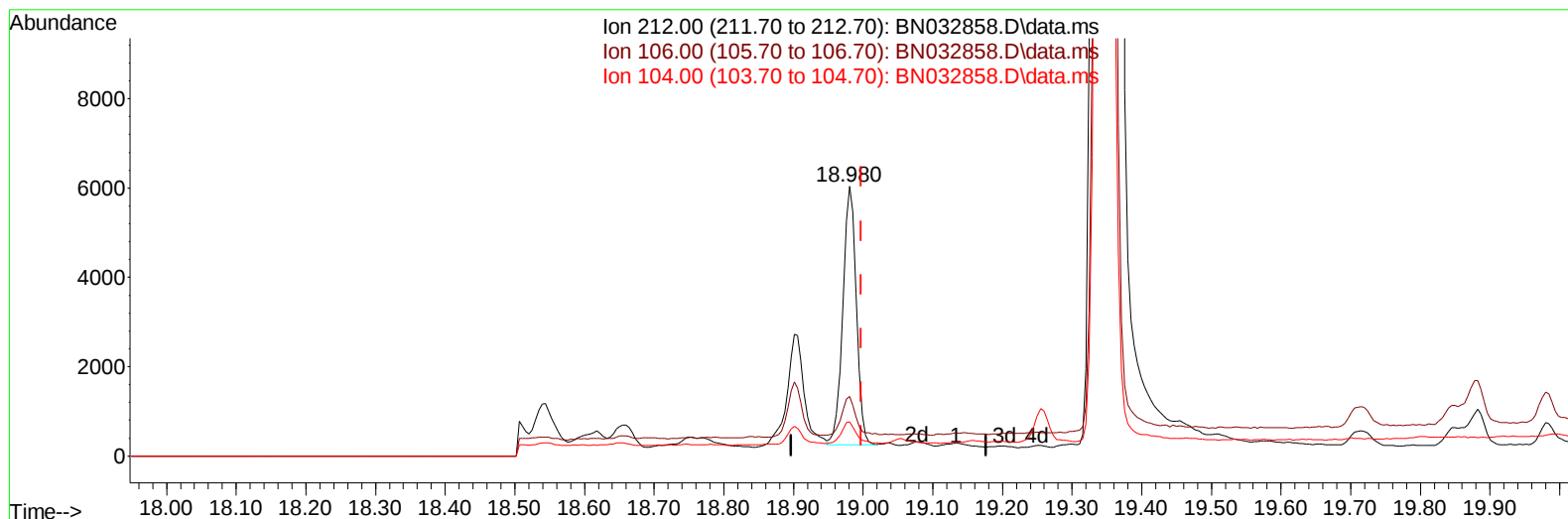
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
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TIC: BN032858.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.980min (-0.017) 0.19 ng/u1 m

response 7837

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	1.15#
104.00	9.00	0.48#
0.00	0.00	0.00

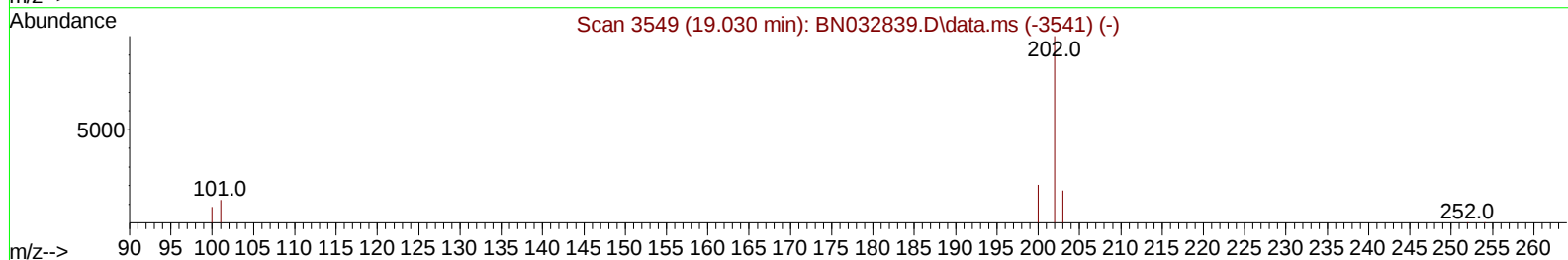
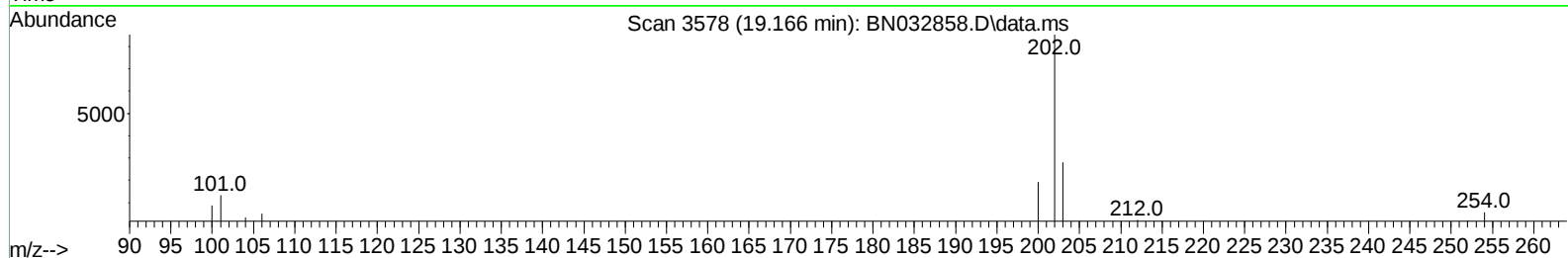
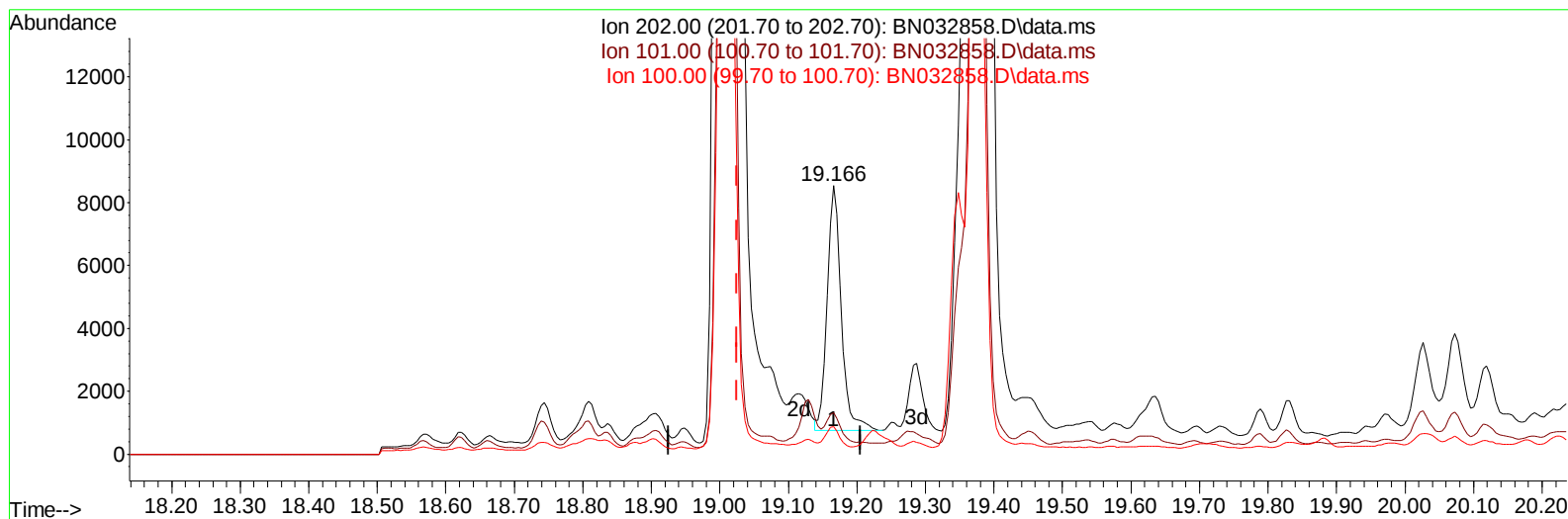
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

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TIC: BN032858.D\data.ms

(19) Fluoranthene (C)

19.166min (+ 0.141) 0.21 ng/u1

response 11065

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	15.41#
100.00	9.90	10.17
0.00	0.00	0.00

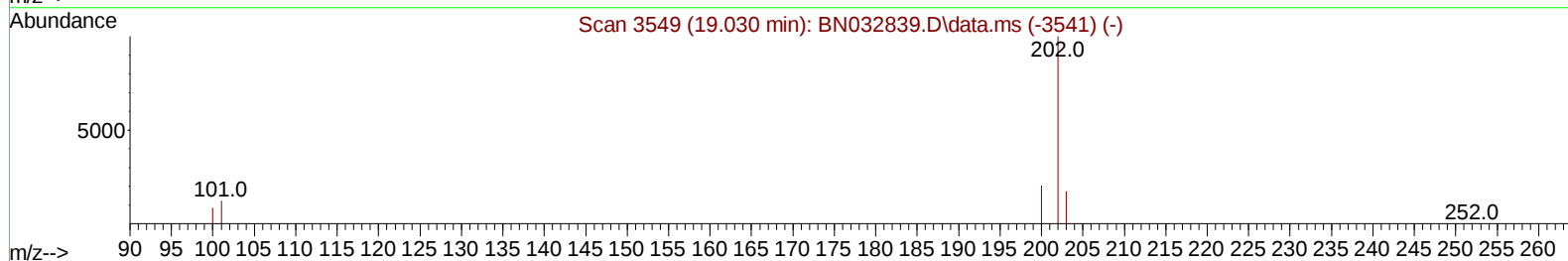
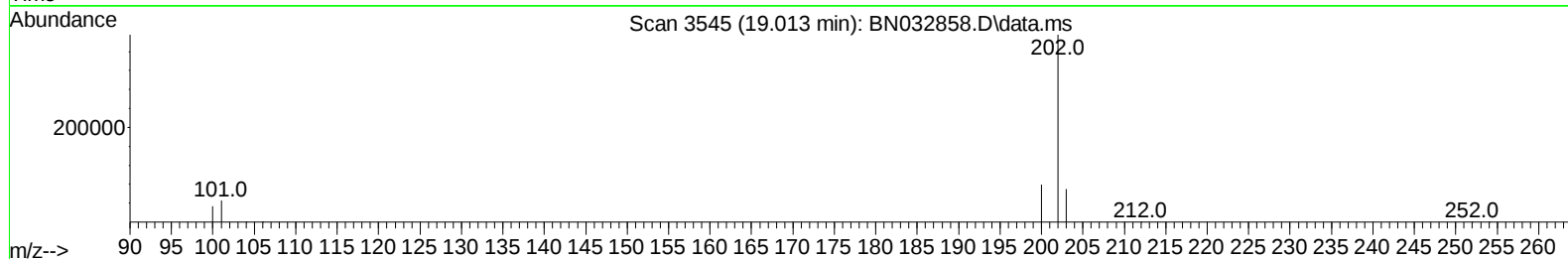
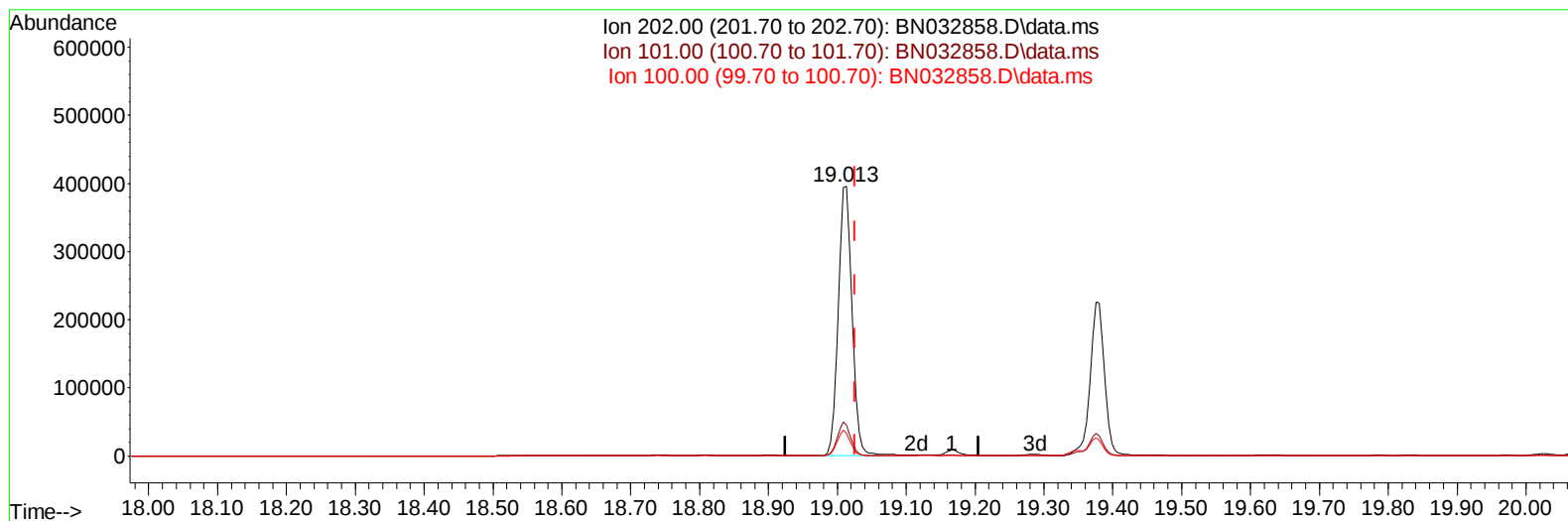
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
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TIC: BN032858.D\data.ms

(19) Fluoranthene (C)

19.013min (-0.012) 10.74 ng/ul m

response 553107

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.54
100.00	9.90	8.50
0.00	0.00	0.00

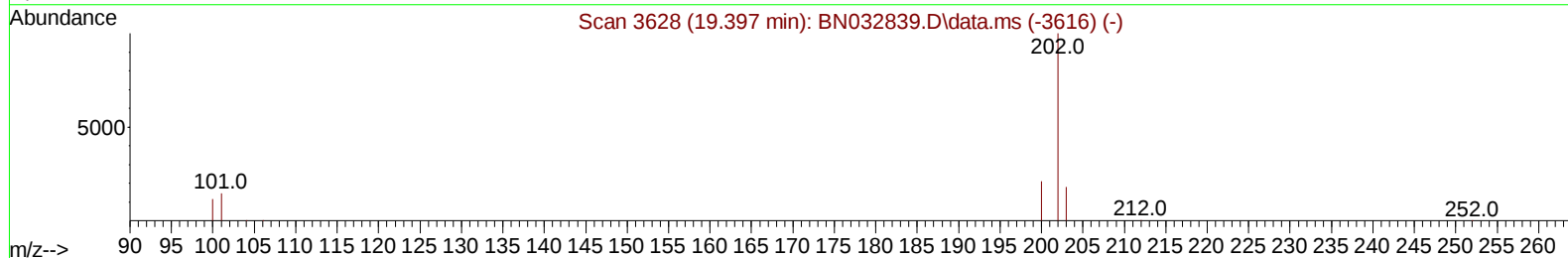
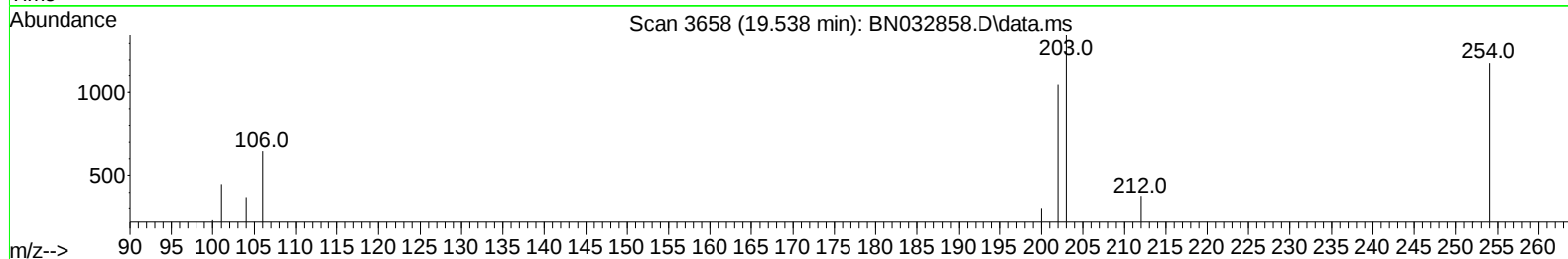
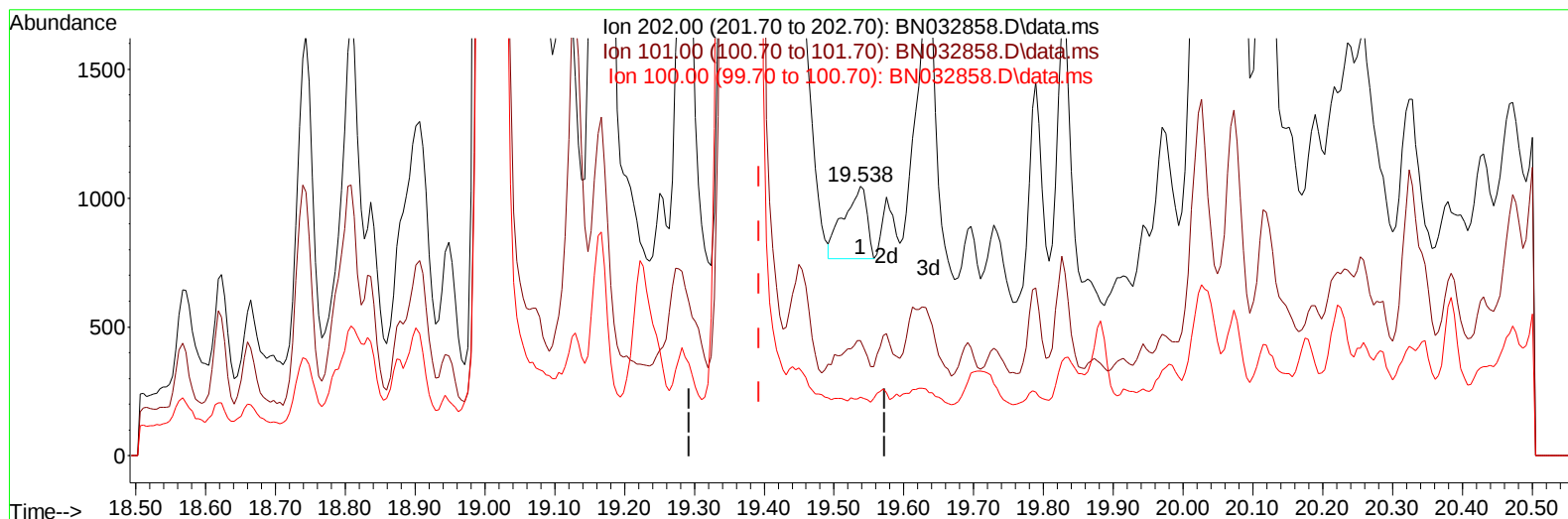
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(20) Pyrene

19.538min (+ 0.146) 0.01 ng/u1

response 640

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	42.78#
100.00	12.00	21.82#
0.00	0.00	0.00

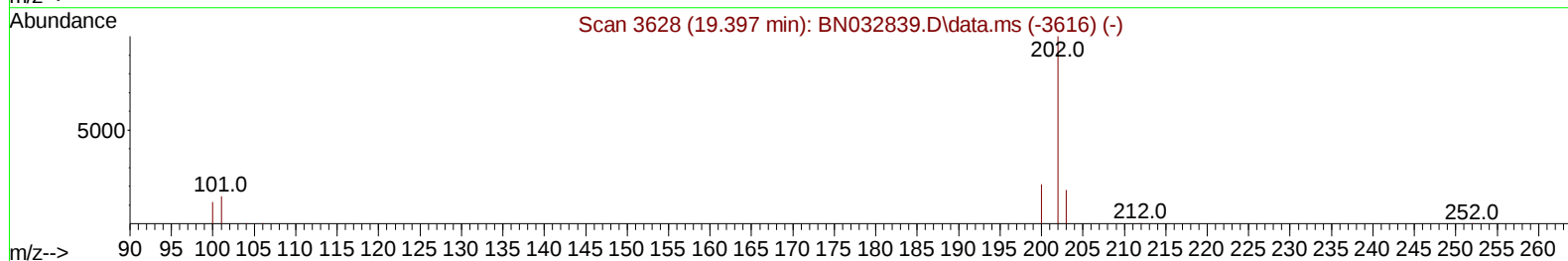
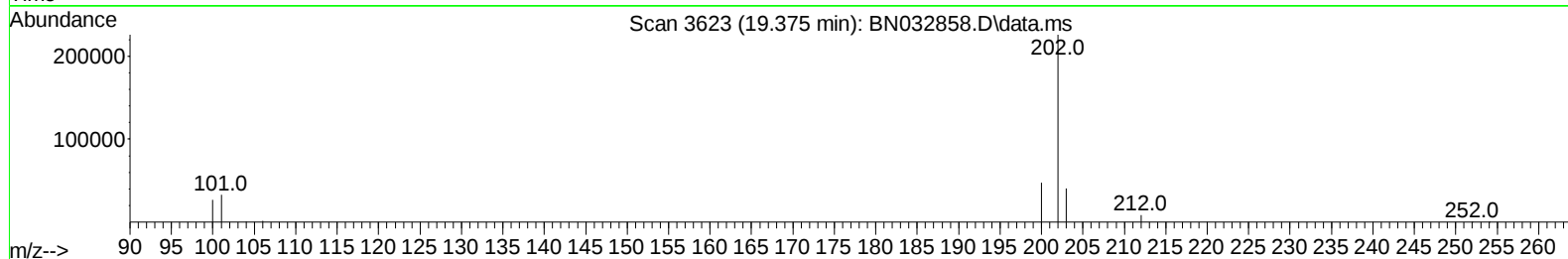
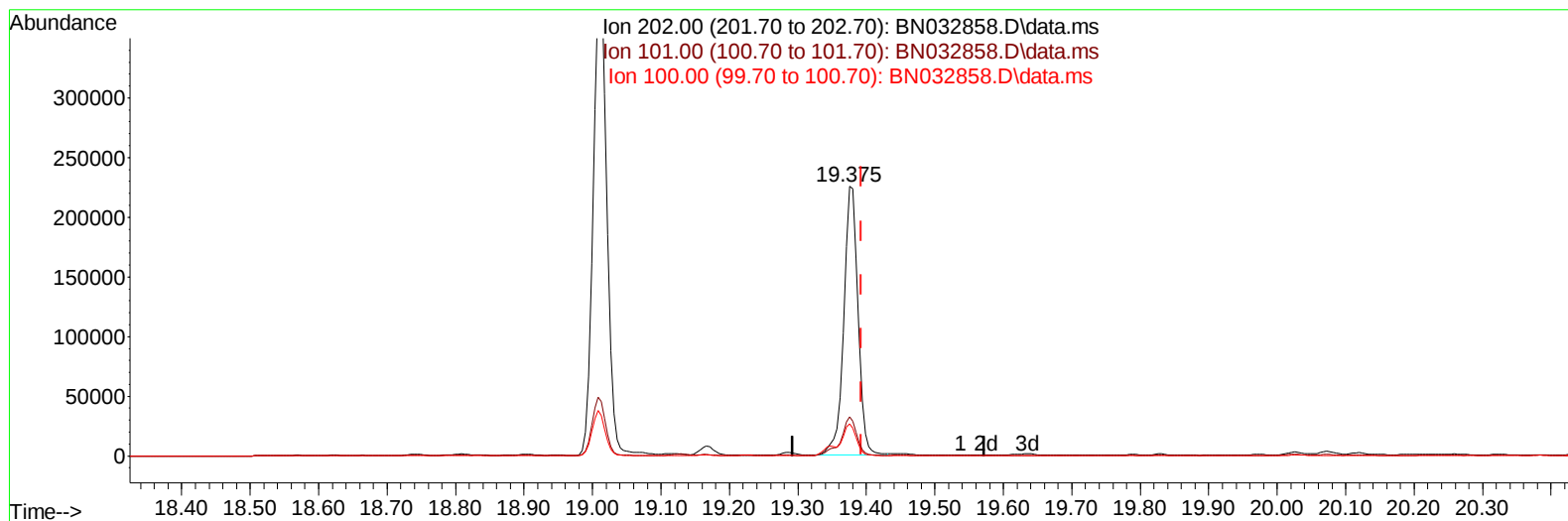
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(20) Pyrene

19.375min (-0.017) 6.16 ng/ul m

response 328260

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	14.51
100.00	12.00	11.88
0.00	0.00	0.00

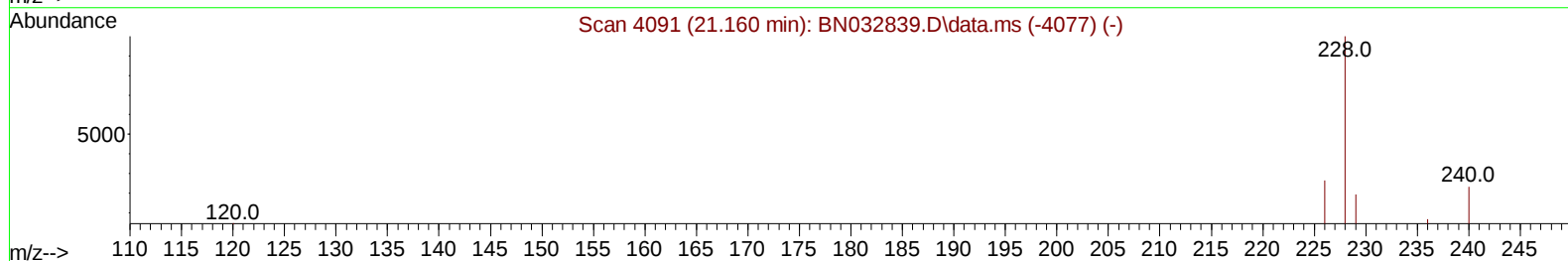
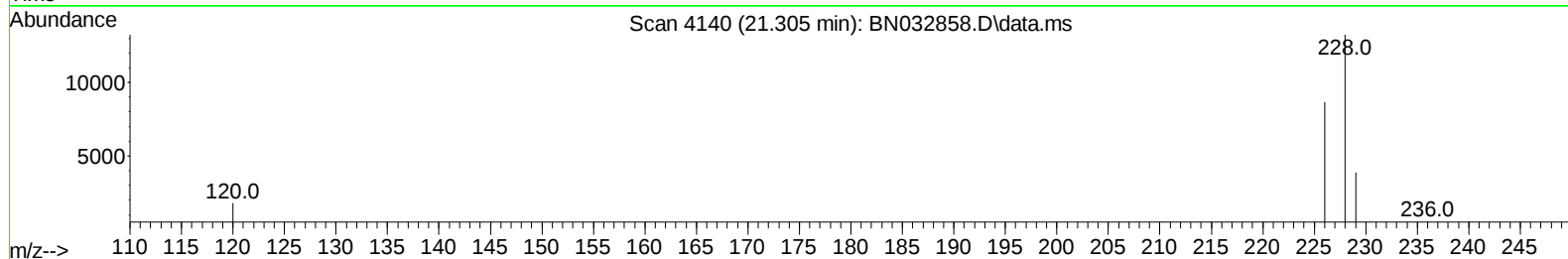
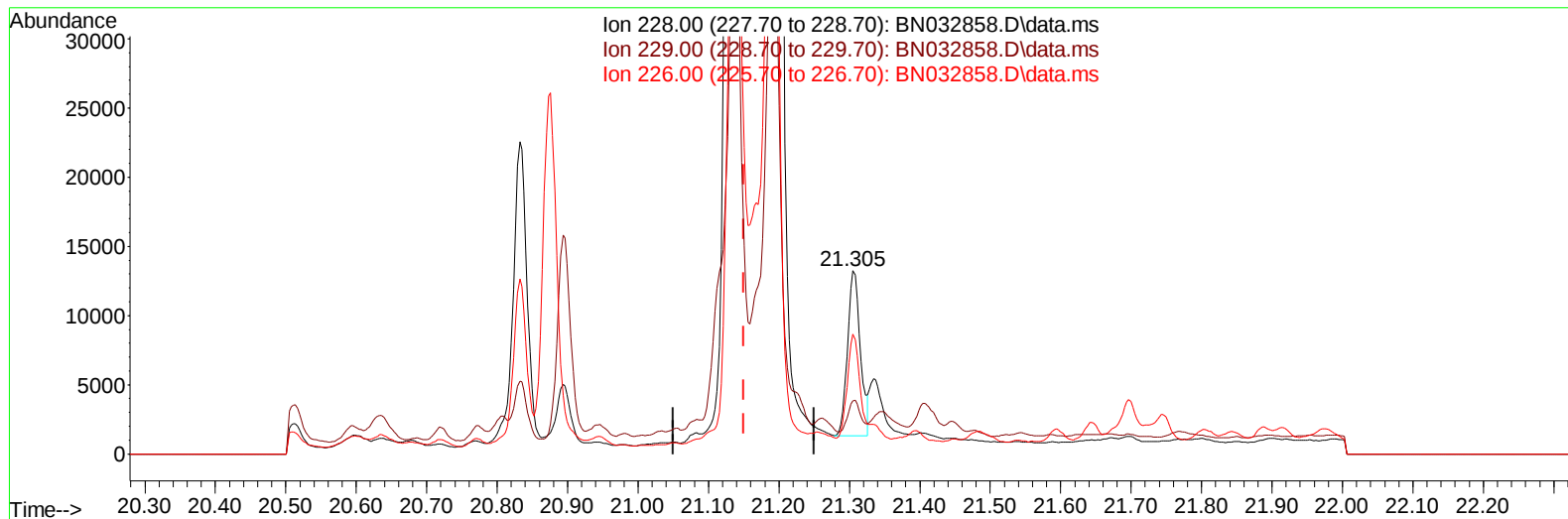
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
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TIC: BN032858.D\data.ms

(21) Benzo(a)anthracene

21.305min (+ 0.155) 0.38 ng/u1

response 15238

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	29.13#
226.00	27.40	65.33#
0.00	0.00	0.00

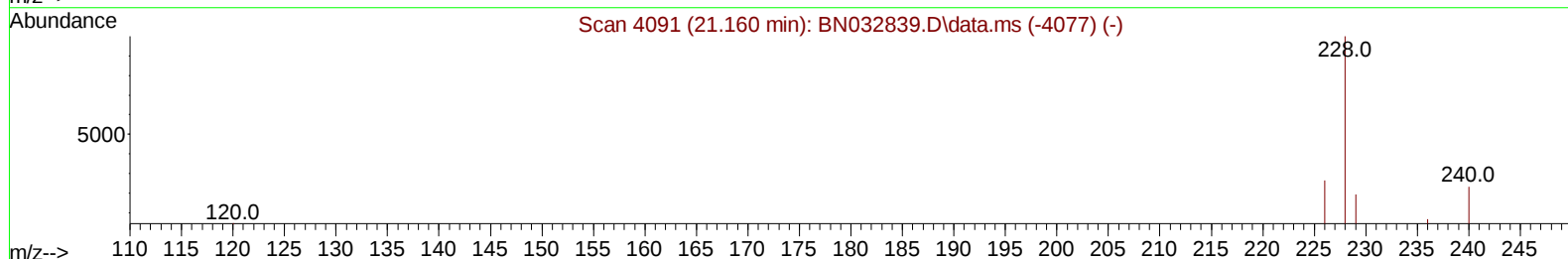
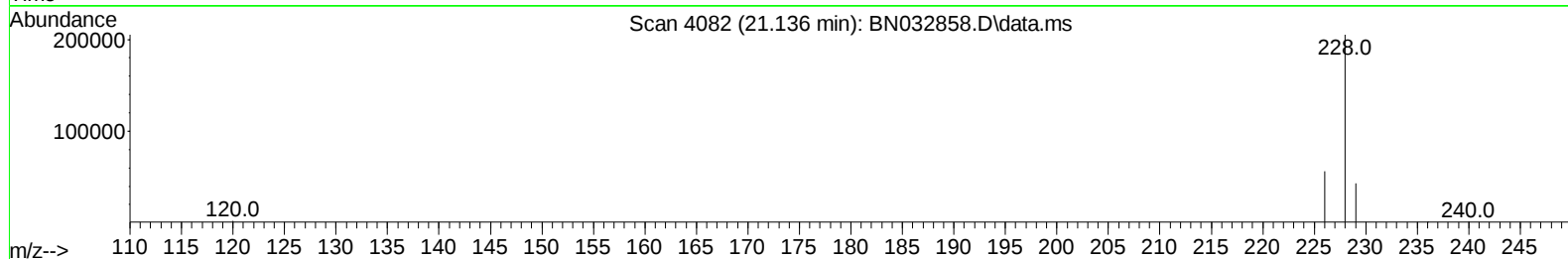
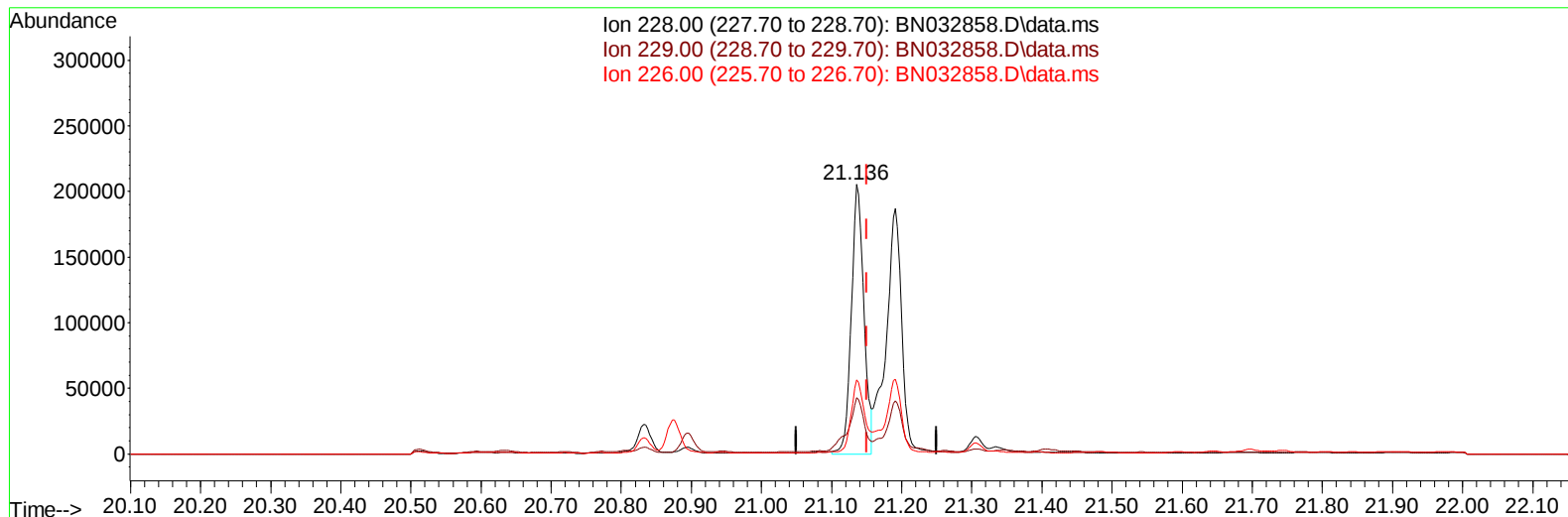
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration



TIC: BN032858.D\data.ms

(21) Benzo(a)anthracene

21.136min (-0.015) 6.32 ng/u1 m

response 254957

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.96
226.00	27.40	27.49
0.00	0.00	0.00

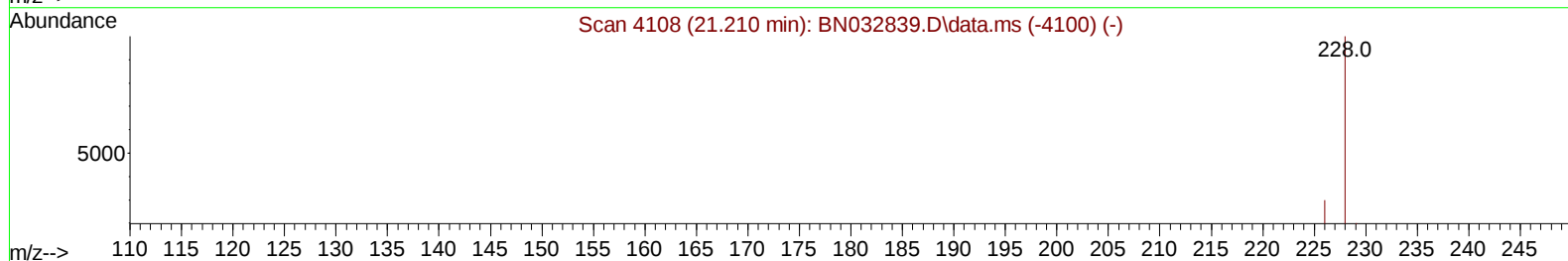
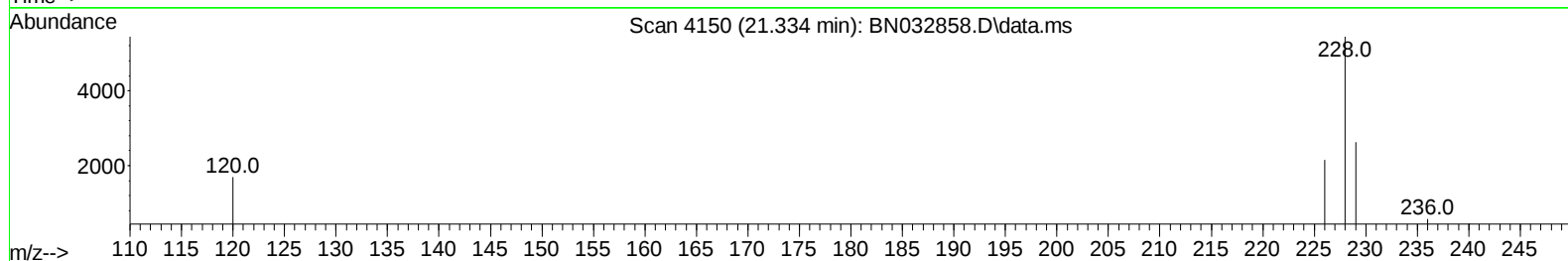
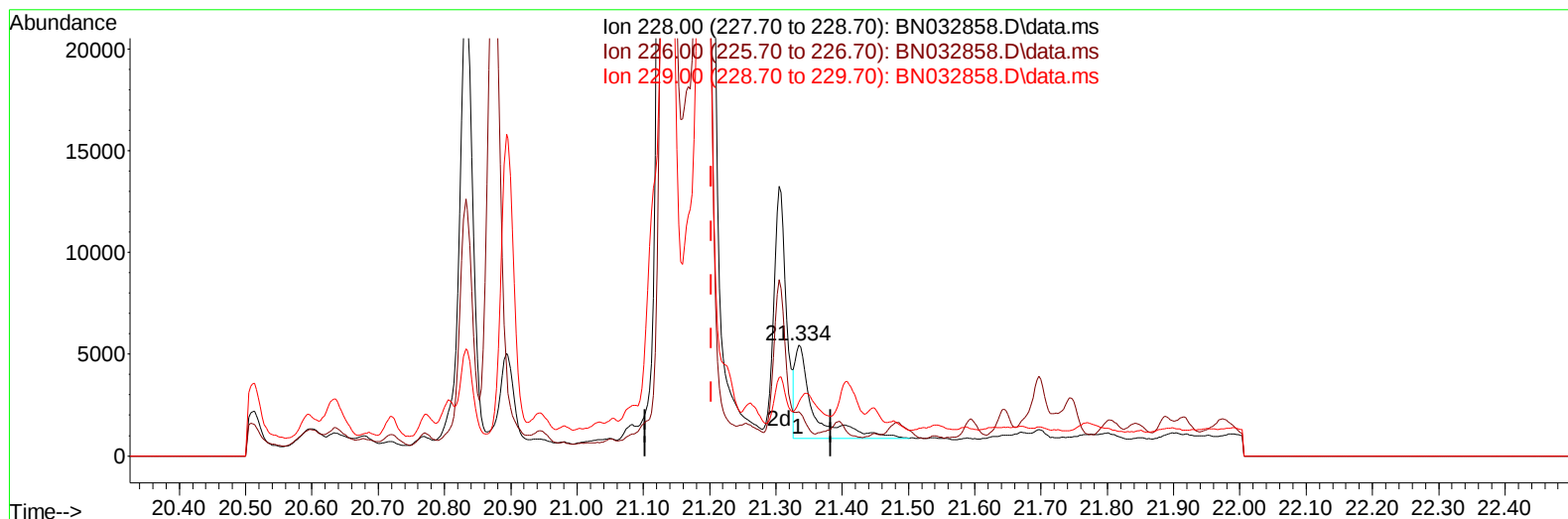
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(22) Chrysene

21.334min (+ 0.131) 0.15 ng/u1

response 8920

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	39.70#
229.00	19.70	48.26#
0.00	0.00	0.00

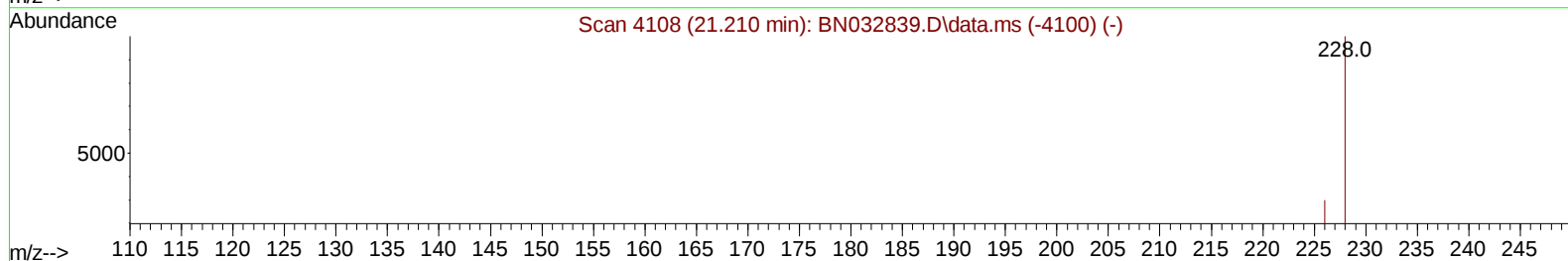
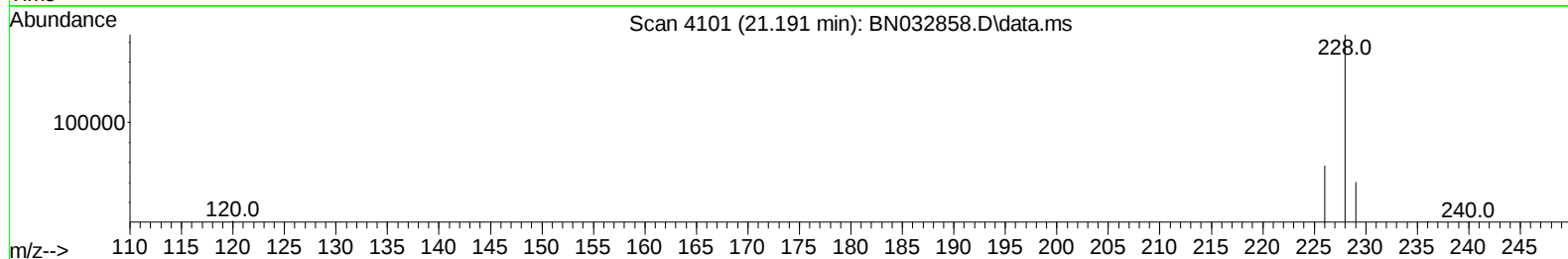
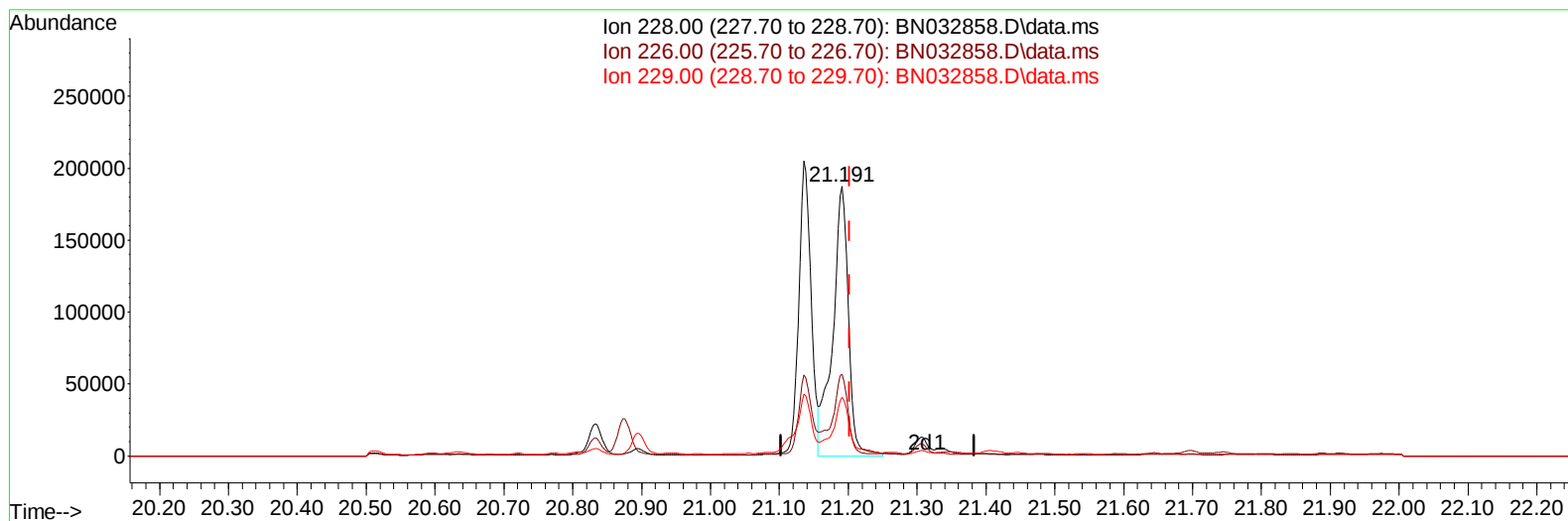
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032858.D\data.ms

(22) Chrysene

21.191min (-0.012) 5.10 ng/ul m

response 297170

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.30
229.00	19.70	21.73
0.00	0.00	0.00

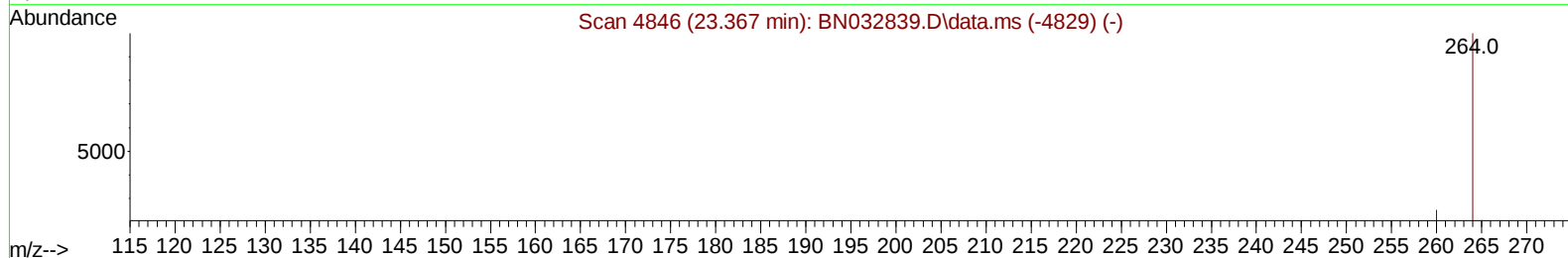
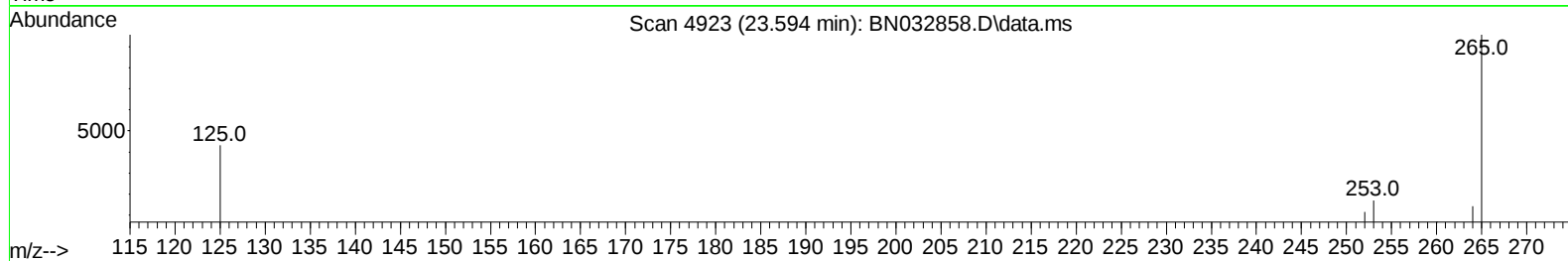
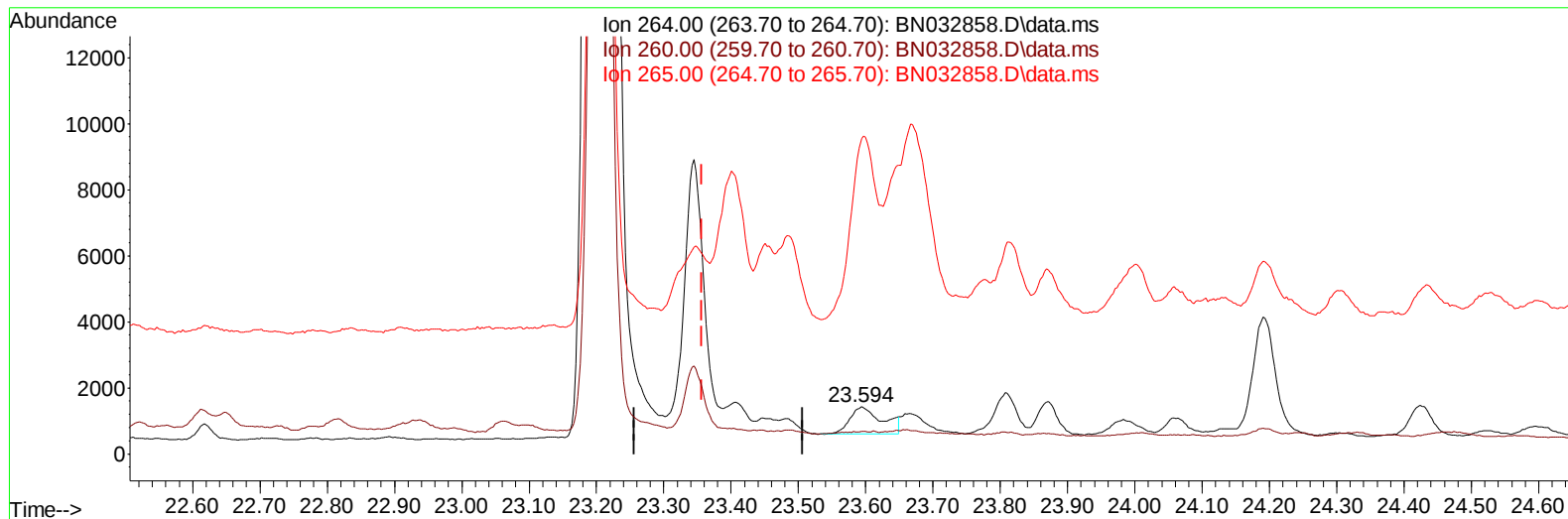
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(23) Perylene-d12 (I)

23.594min (+ 0.237) 0.40 ng/u1

response 2801

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	47.51#
265.00	95.50	670.74#
0.00	0.00	0.00

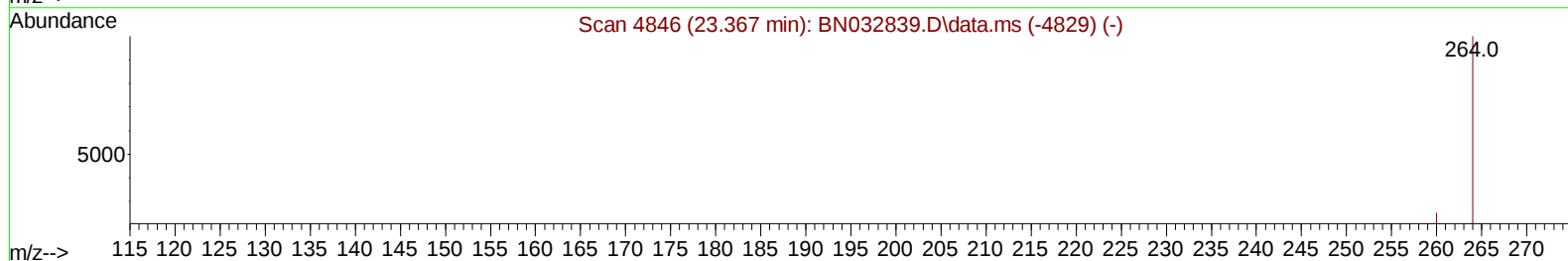
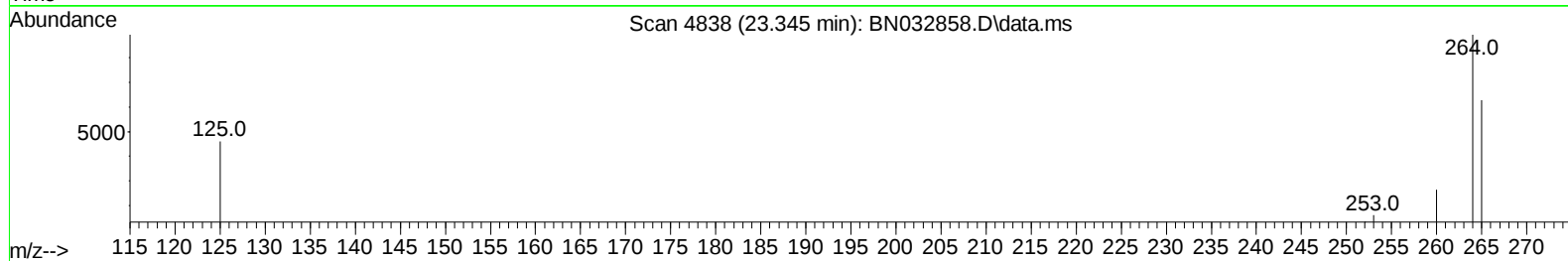
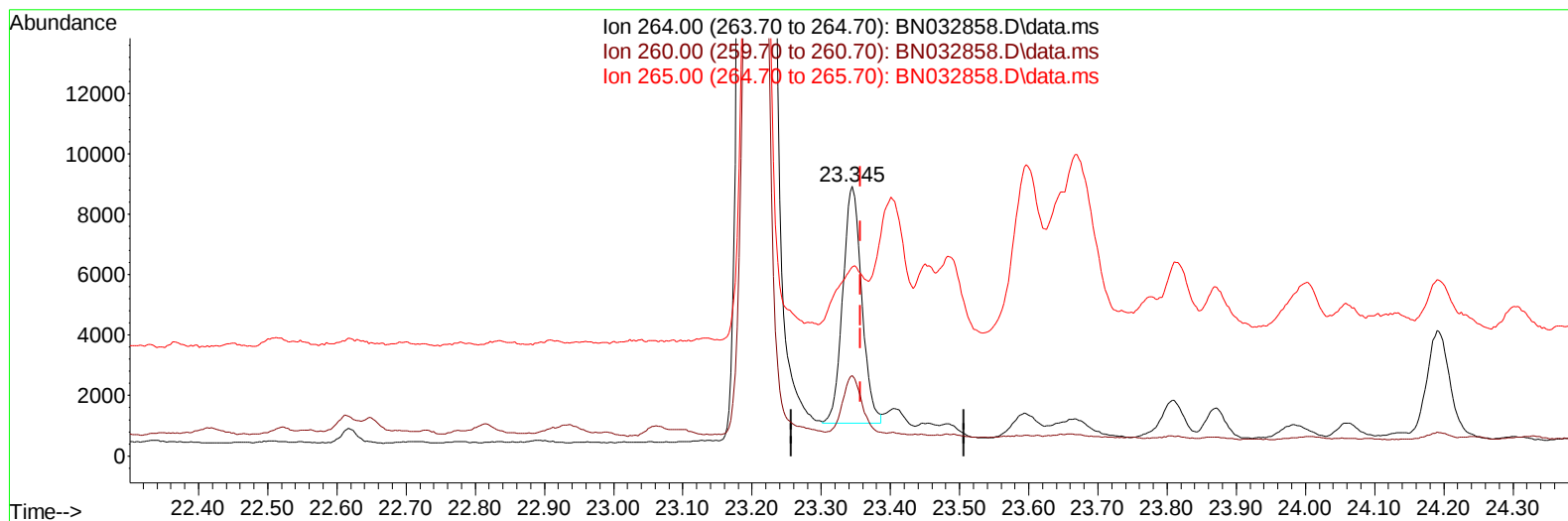
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(23) Perylene-d12 (I)

23.345min (-0.012) 0.40 ng/ul m

response 14890

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.80
265.00	95.50	70.26#
0.00	0.00	0.00

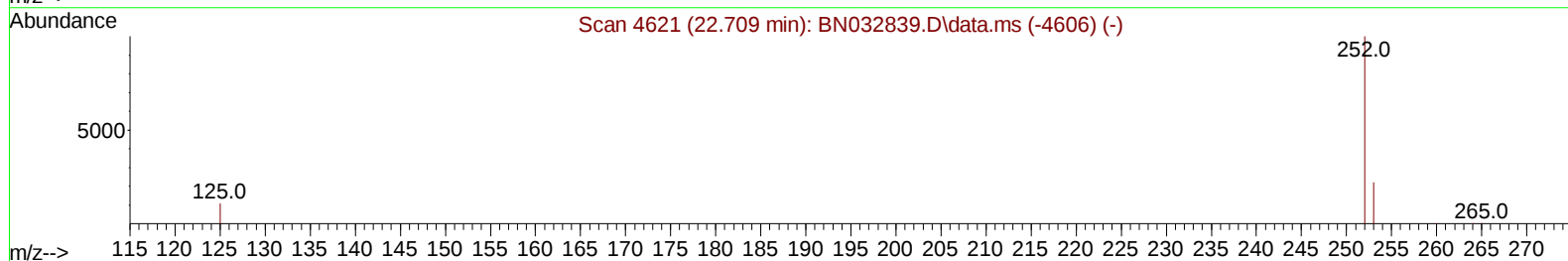
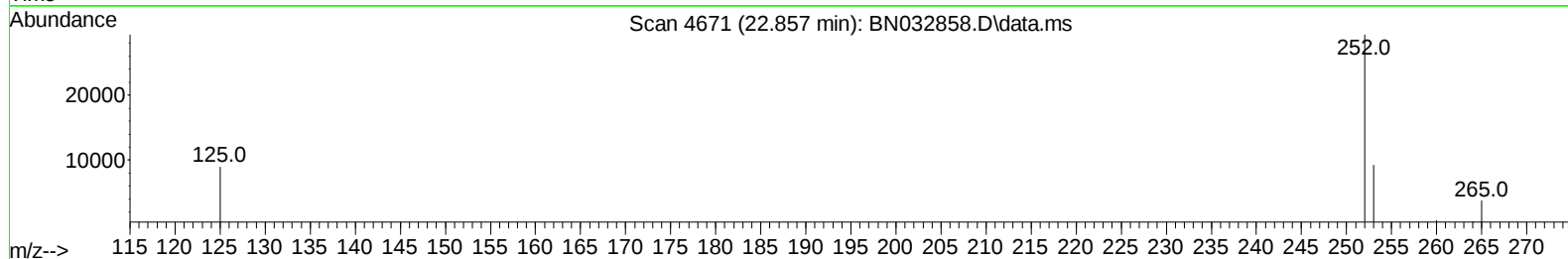
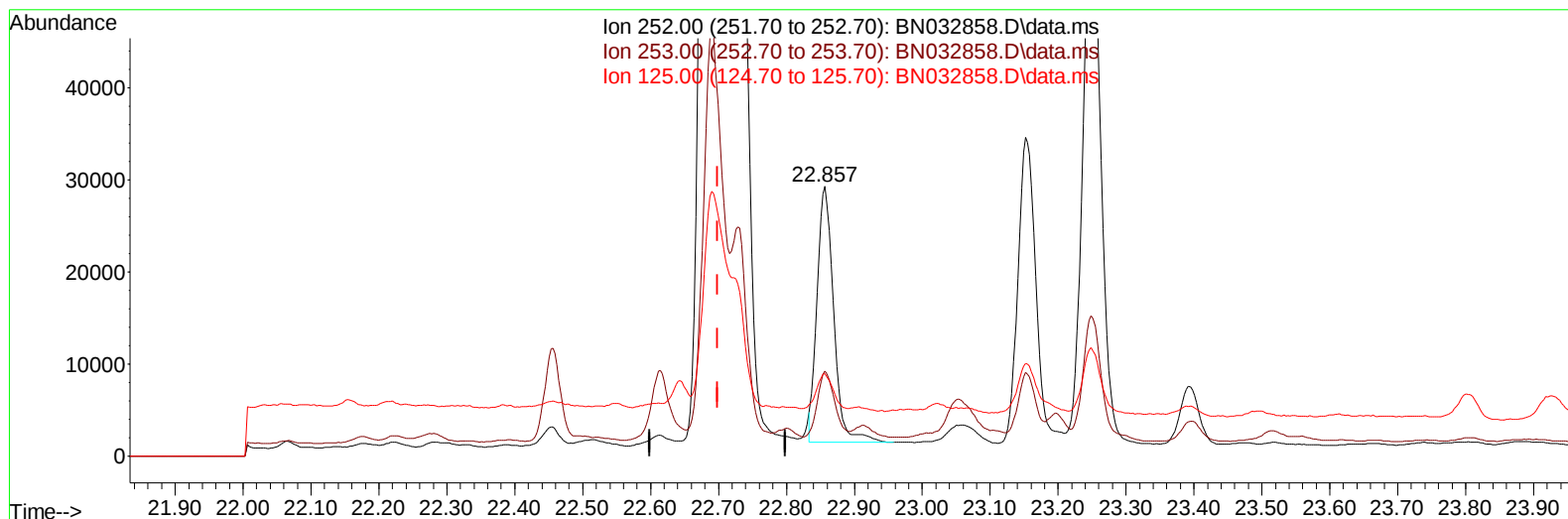
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(24) Benzo(b)fluoranthene

22.857min (+ 0.158) 0.91 ng/u1

response 47714

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.56
125.00	18.00	30.60
0.00	0.00	0.00

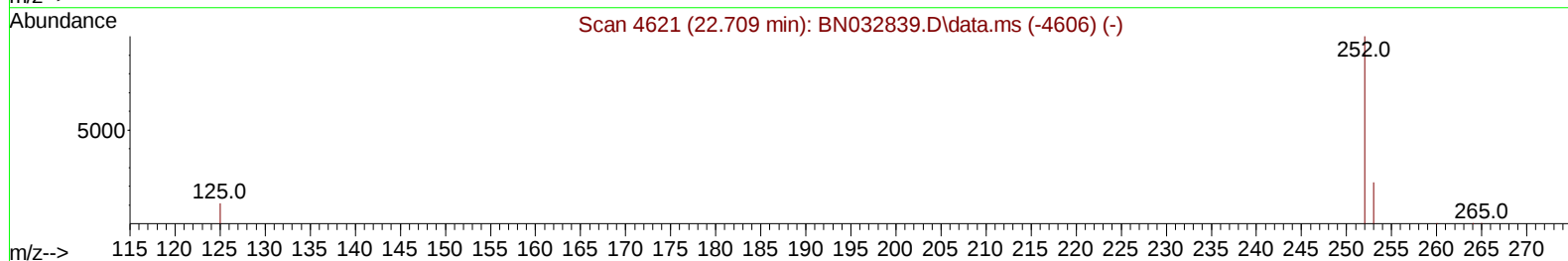
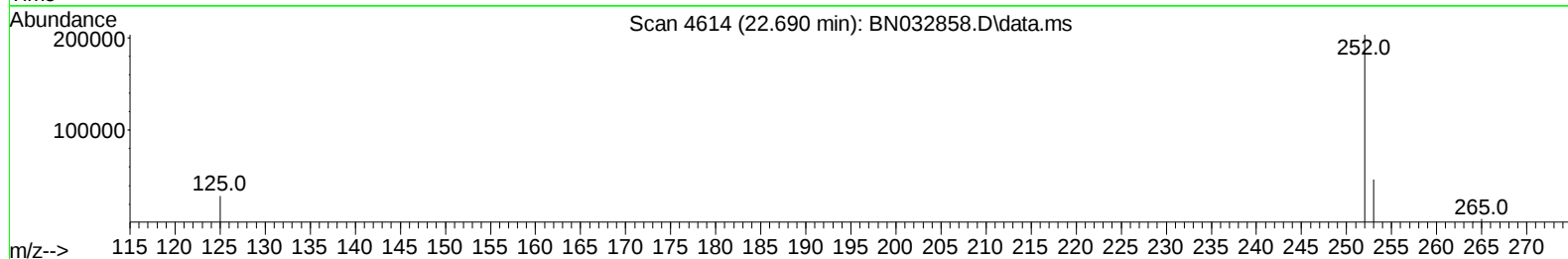
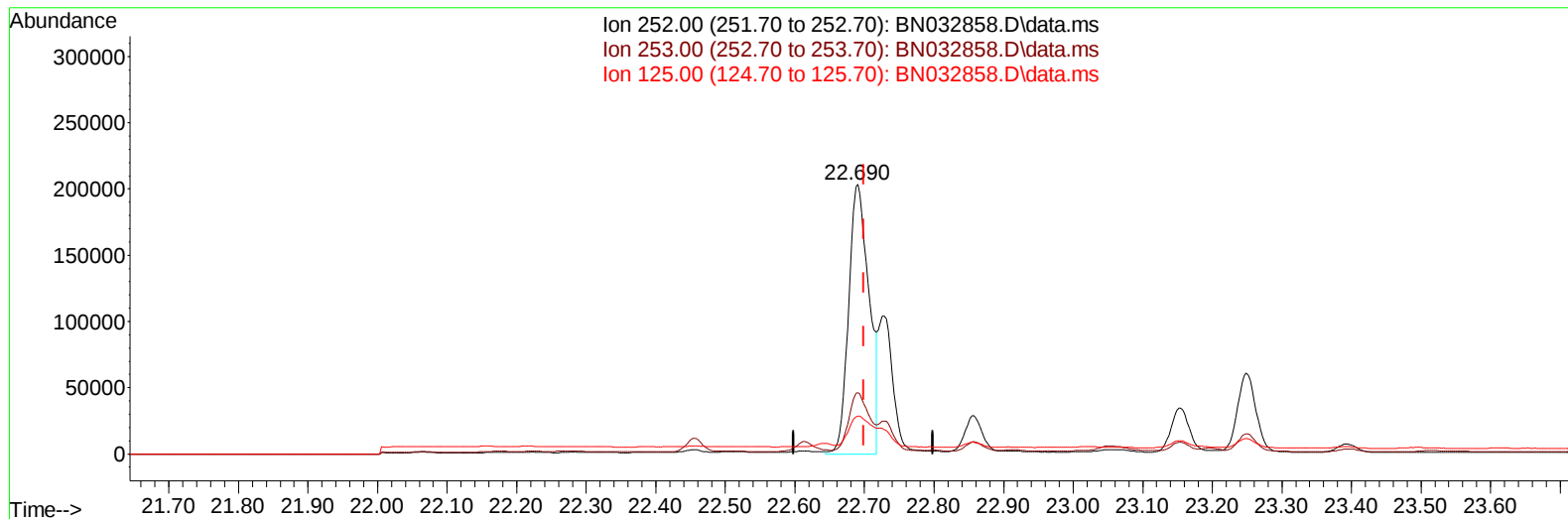
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(24) Benzo(b)fluoranthene

22.690min (-0.009) 7.87 ng/u1 m

response 413400

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.87
125.00	18.00	14.15
0.00	0.00	0.00

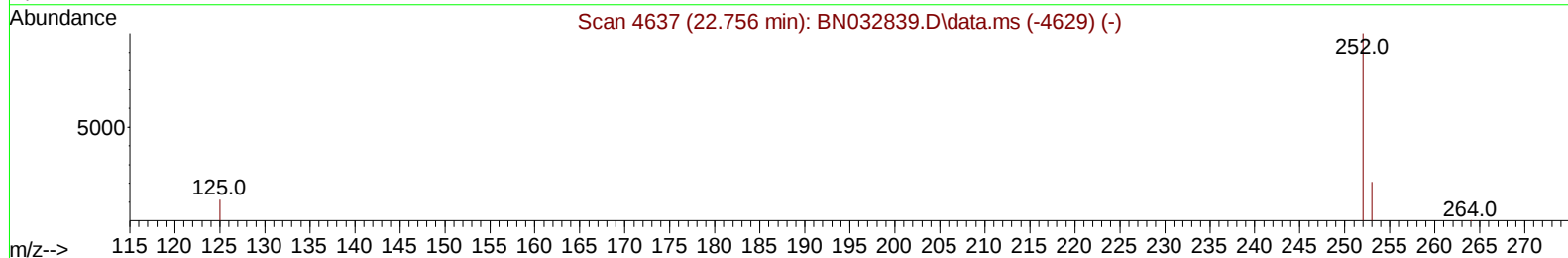
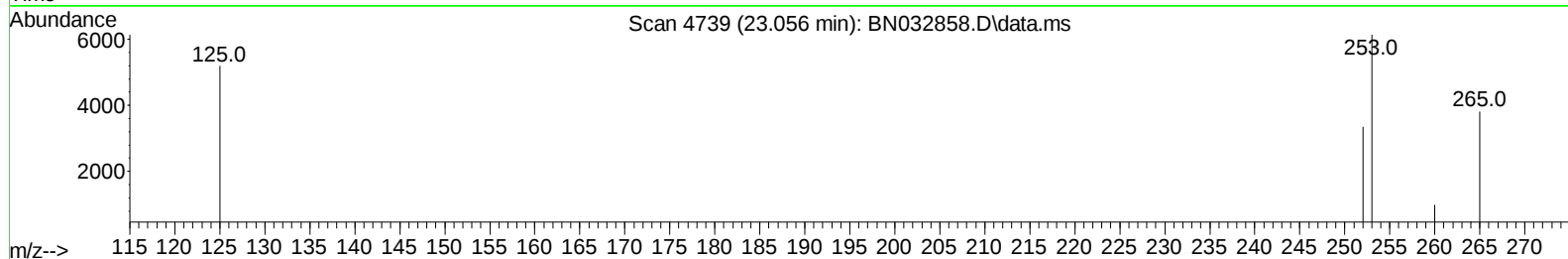
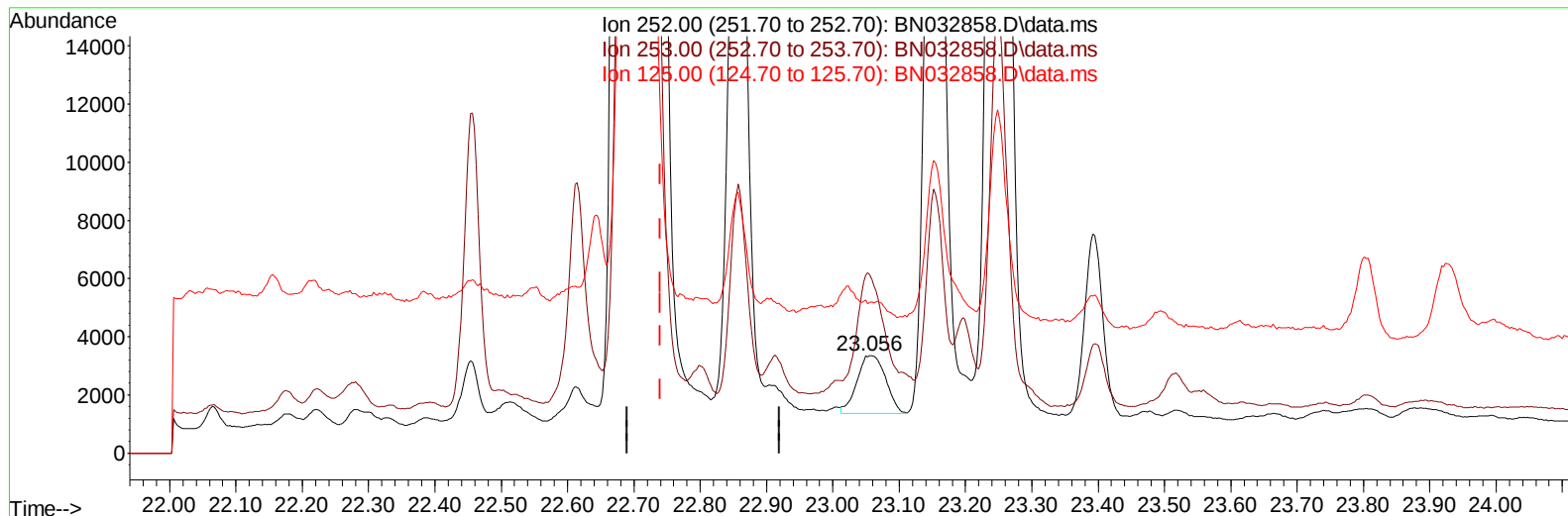
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(25) Benzo(k)fluoranthene

23.056min (+ 0.316) 0.09 ng/u1

response 5935

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	182.90#
125.00	18.50	154.59#
0.00	0.00	0.00

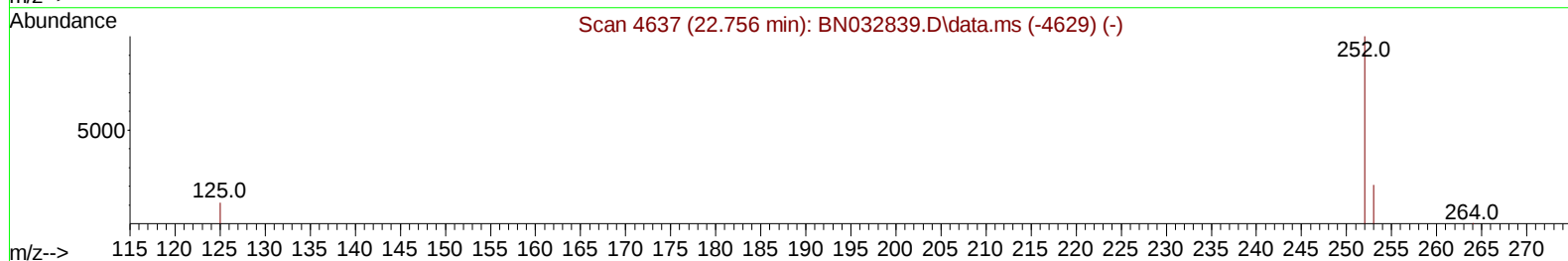
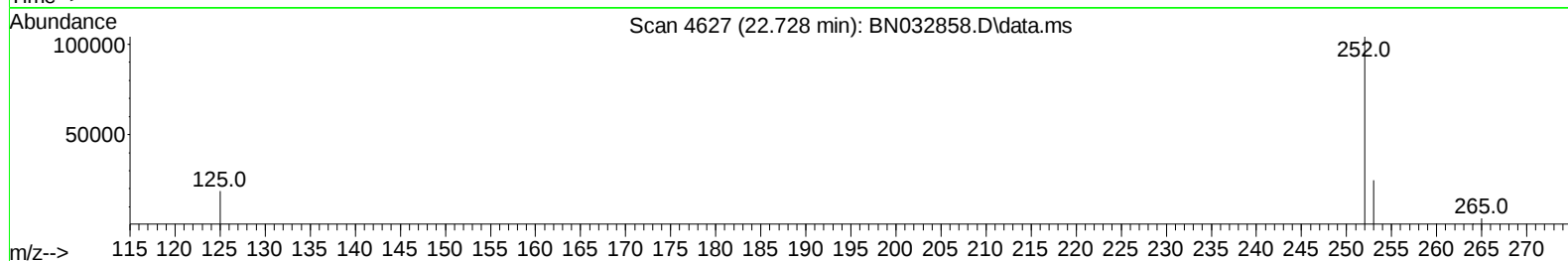
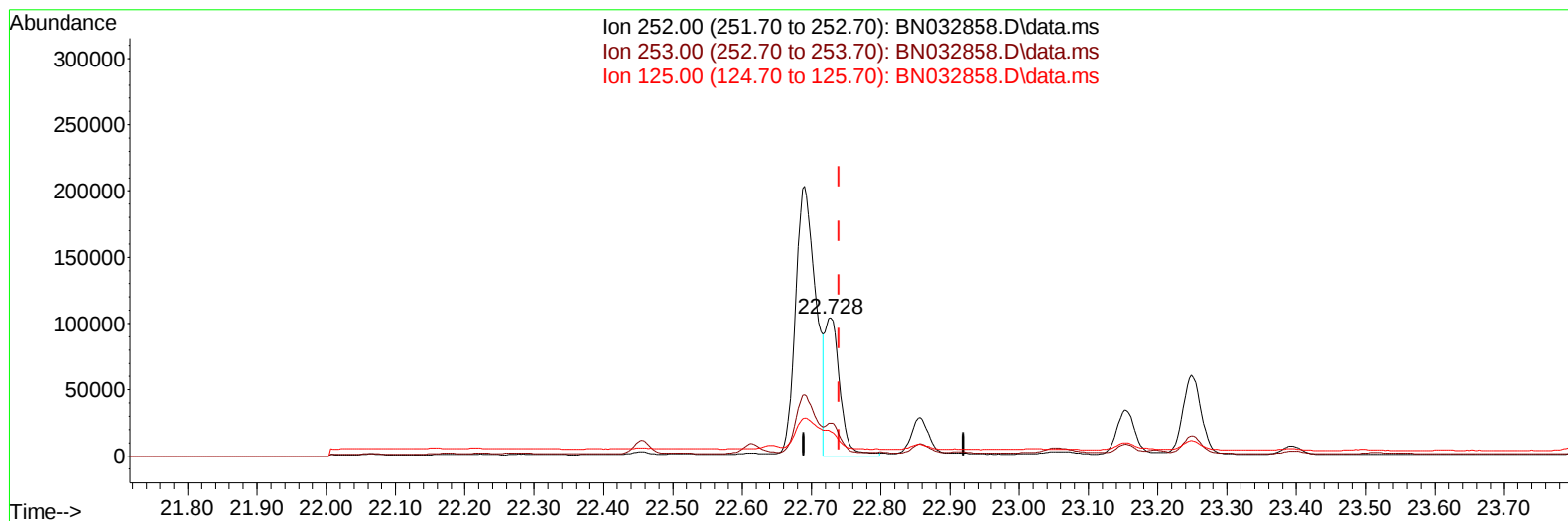
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
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TIC: BN032858.D\data.ms

(25) Benzo(k)fluoranthene

22.728min (-0.012) 2.48 ng/u1 m

response 158522

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.88
125.00	18.50	17.96
0.00	0.00	0.00

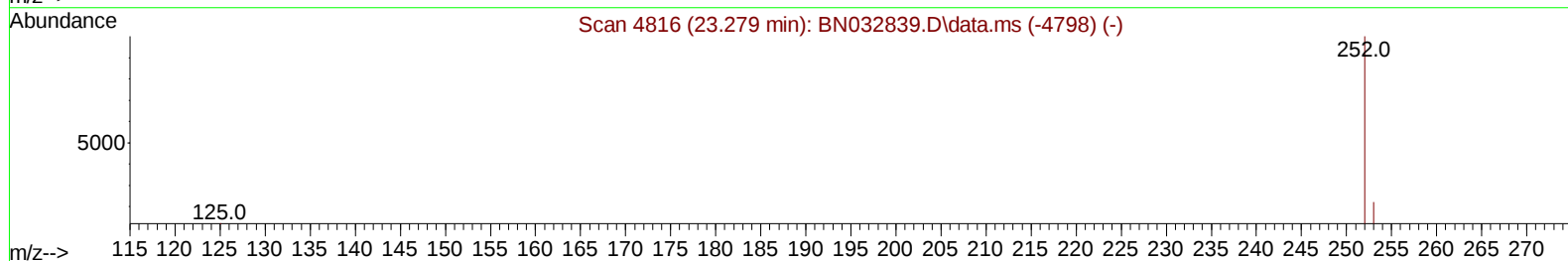
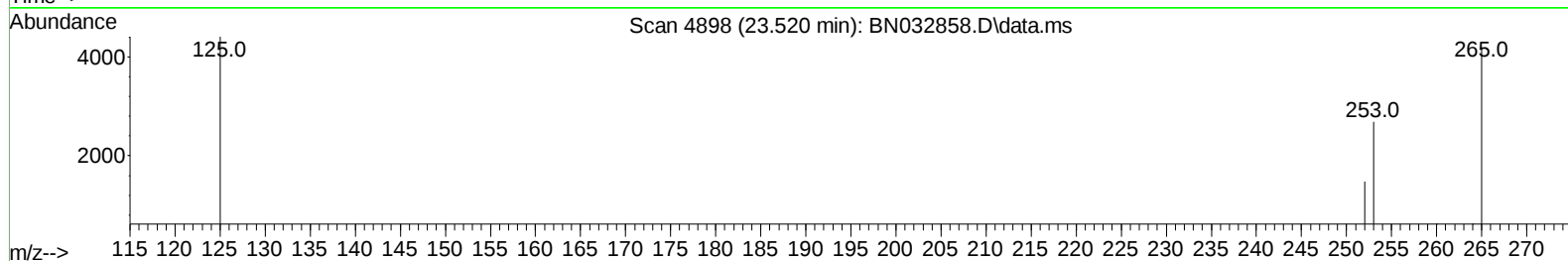
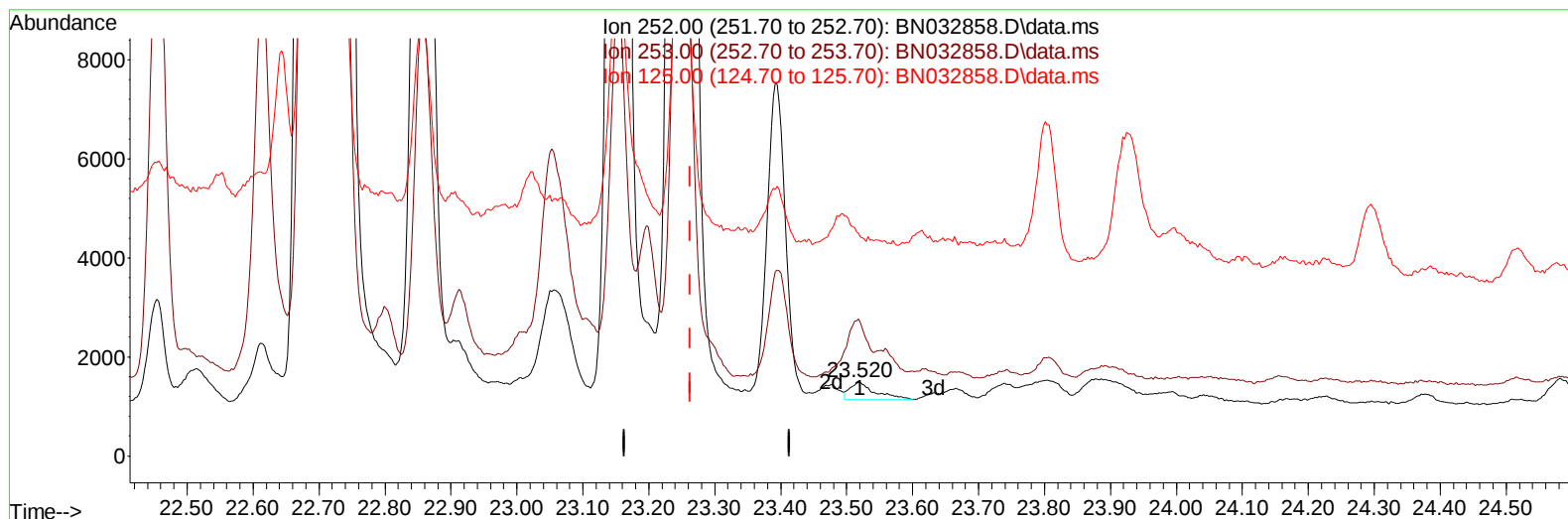
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(26) Benzo(a)pyrene (C)

23.520min (+ 0.257) 0.02 ng/u1

response 896

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	181.05#
125.00	25.70	297.64#
0.00	0.00	0.00

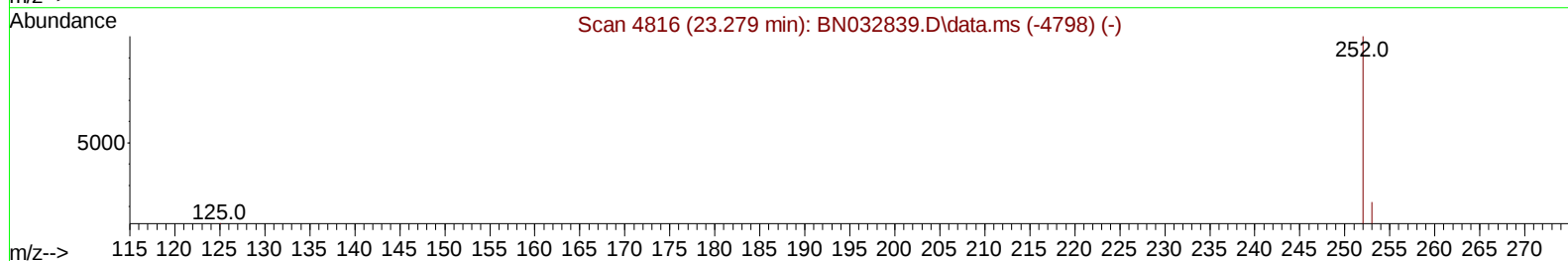
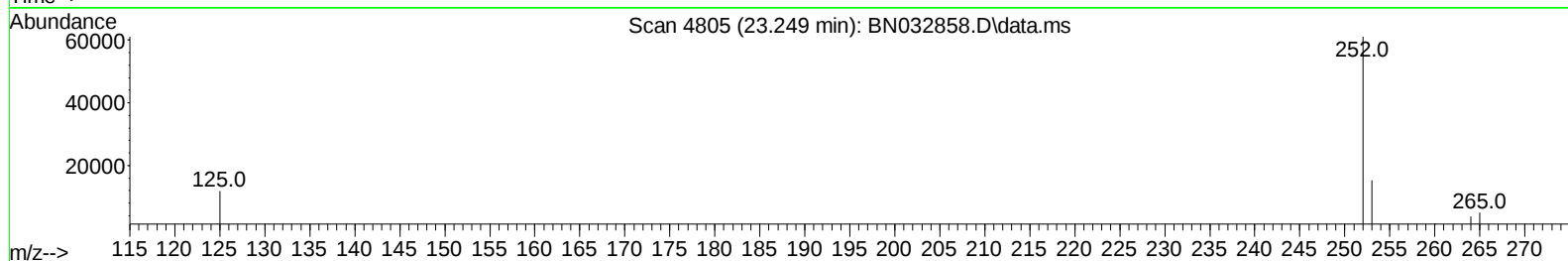
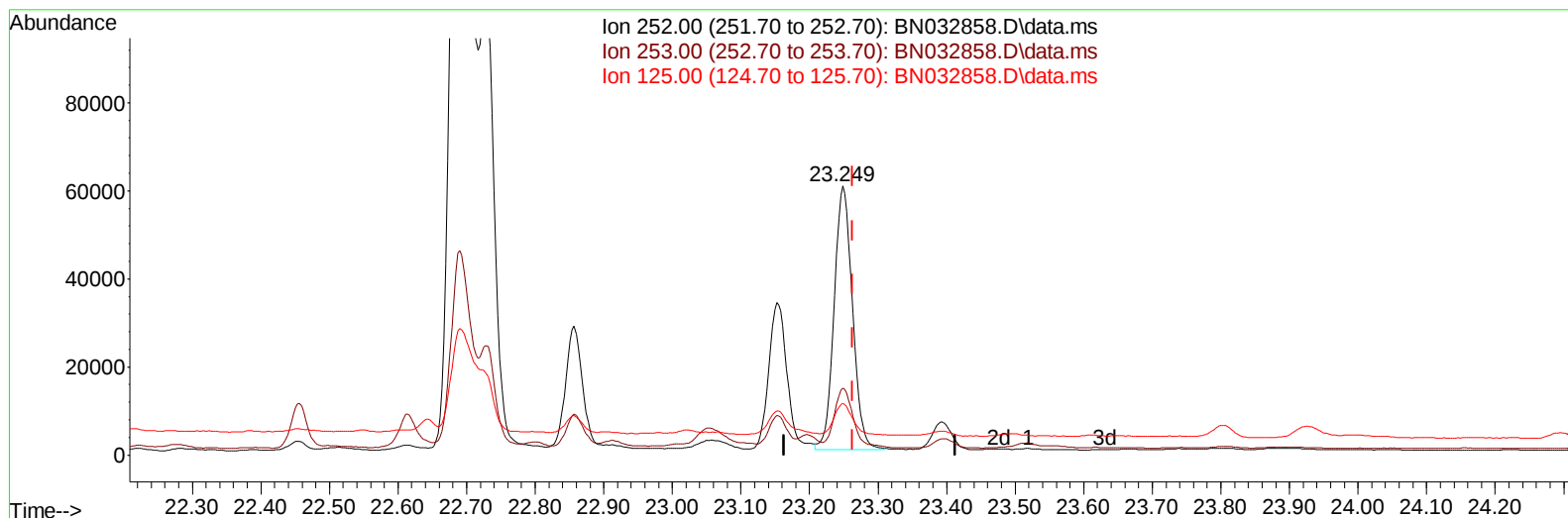
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(26) Benzo(a)pyrene (C)

23.249min (-0.015) 2.43 ng/u1 m

response 110658

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.94#
125.00	25.70	19.34#
0.00	0.00	0.00

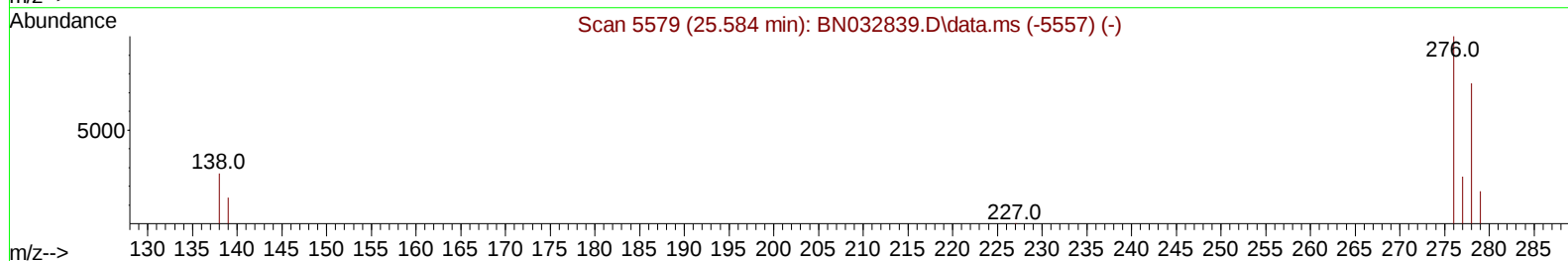
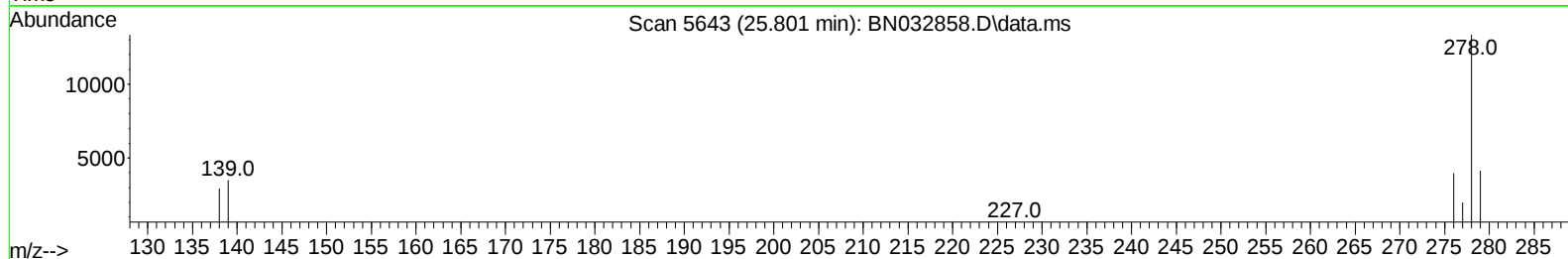
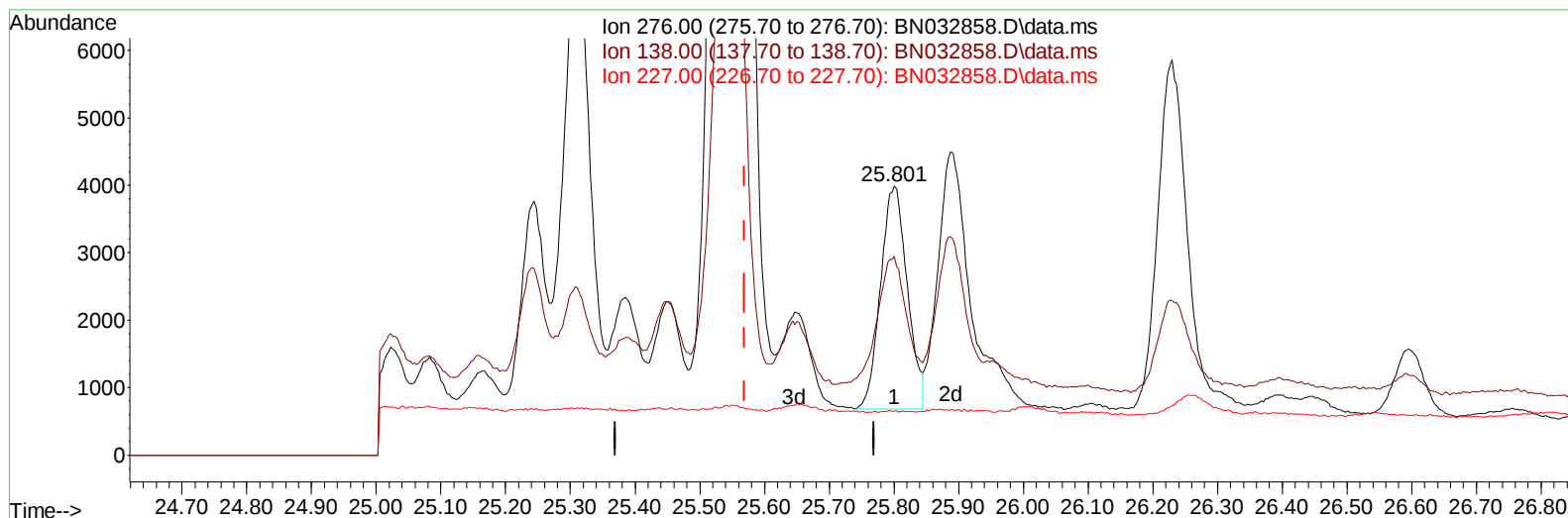
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

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

25.801min (+ 0.231) 0.15 ng/u1

response 9493

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	62.42#
227.00	0.00	0.28#
0.00	0.00	0.00

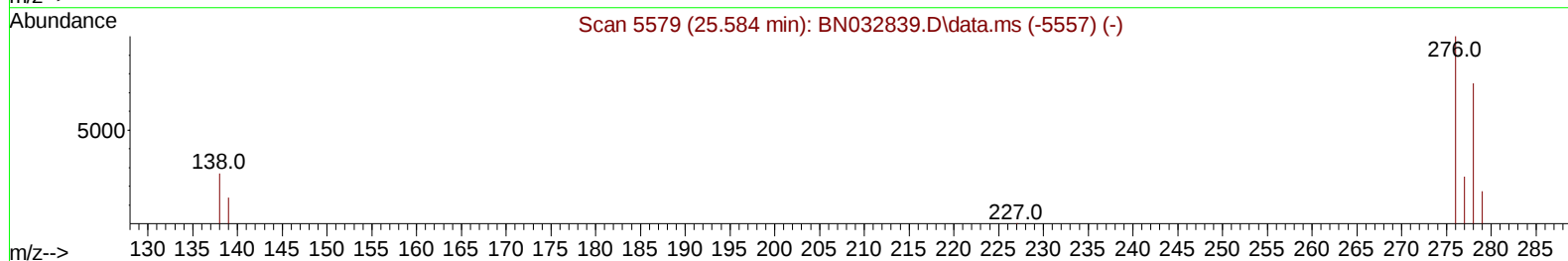
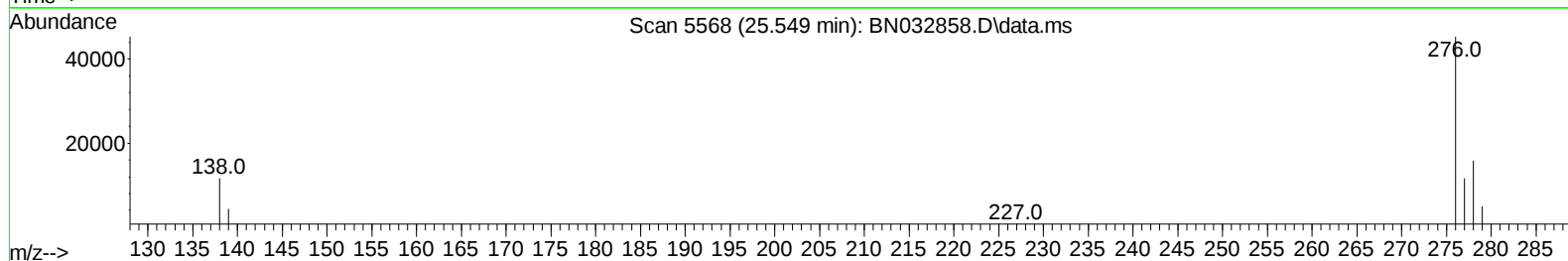
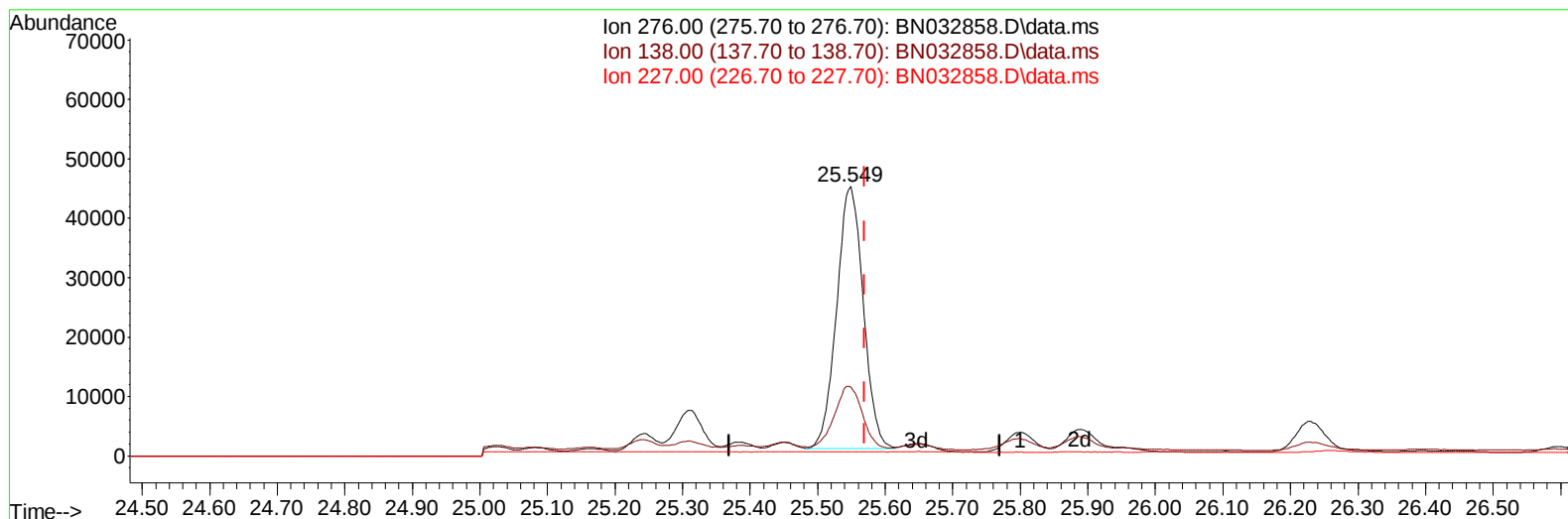
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032858.D
 Acq On : 20 Jul 2024 02:02
 Operator : MA/JU
 Sample : P3178-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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 QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

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

25.549min (-0.020) 1.96 ng/ul m

response 120933

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	4.90#
227.00	0.00	0.02#
0.00	0.00	0.00

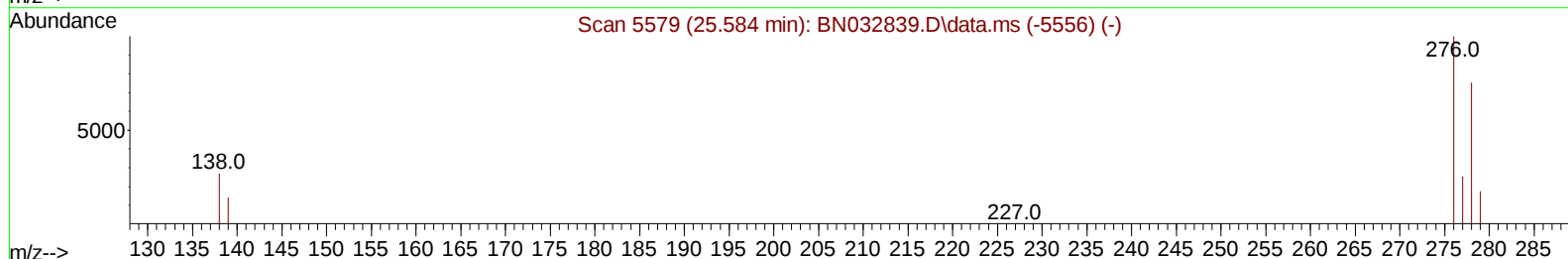
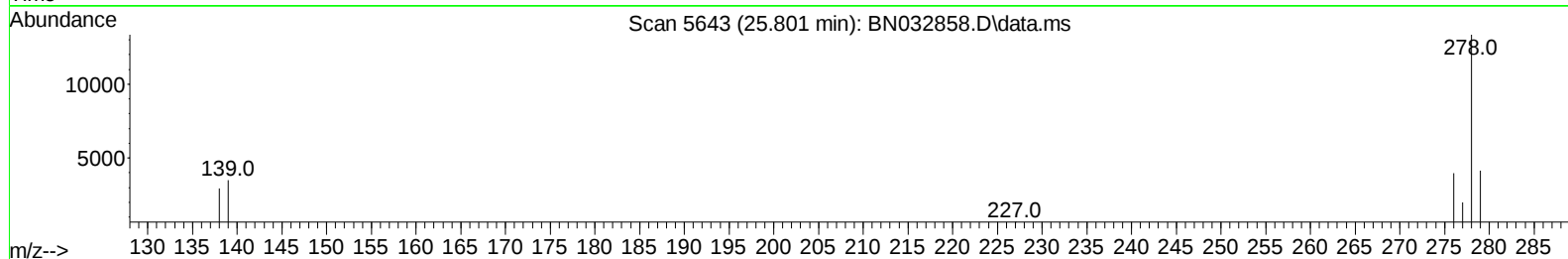
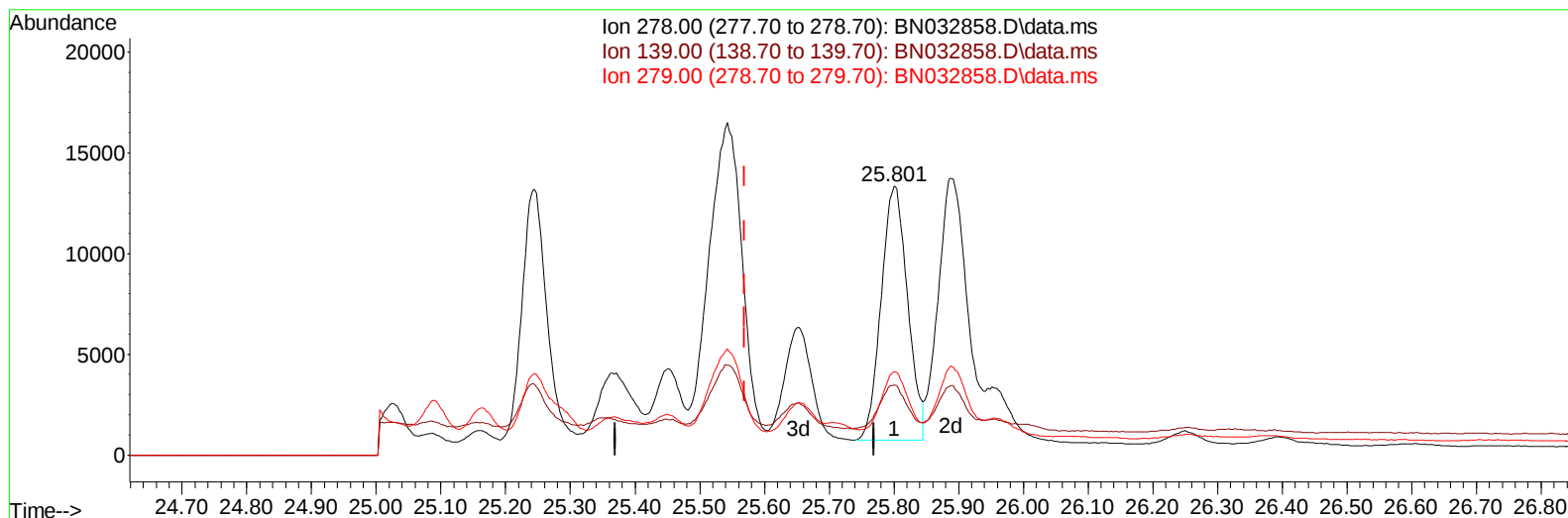
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032858.D\data.ms

(28) Dibenzo(a,h)anthracene

25.801min (+ 0.231) 0.75 ng/u1

response 35886

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	26.15#
279.00	29.60	30.98
0.00	0.00	0.00

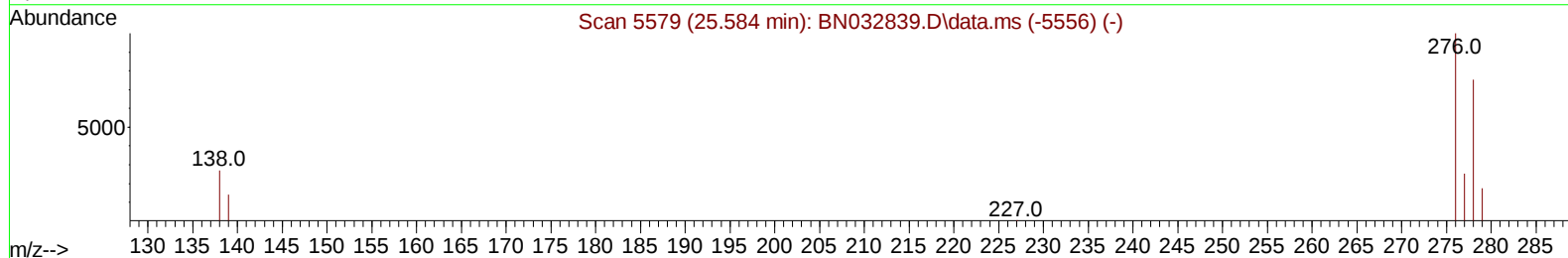
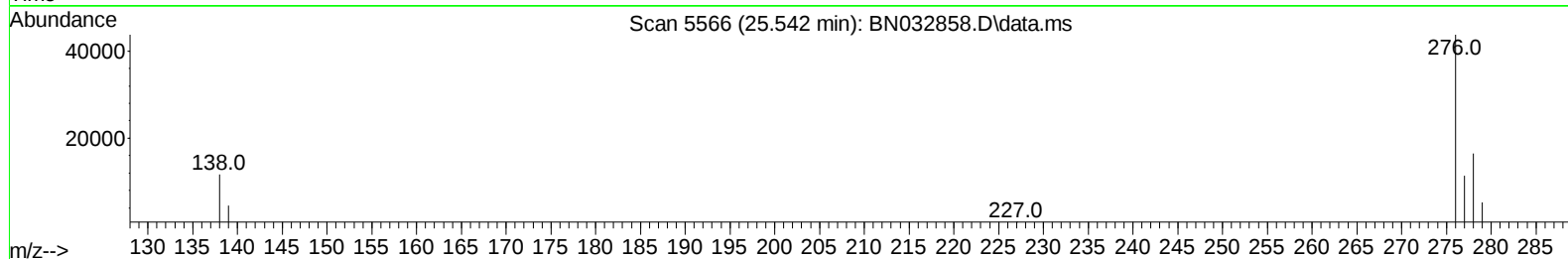
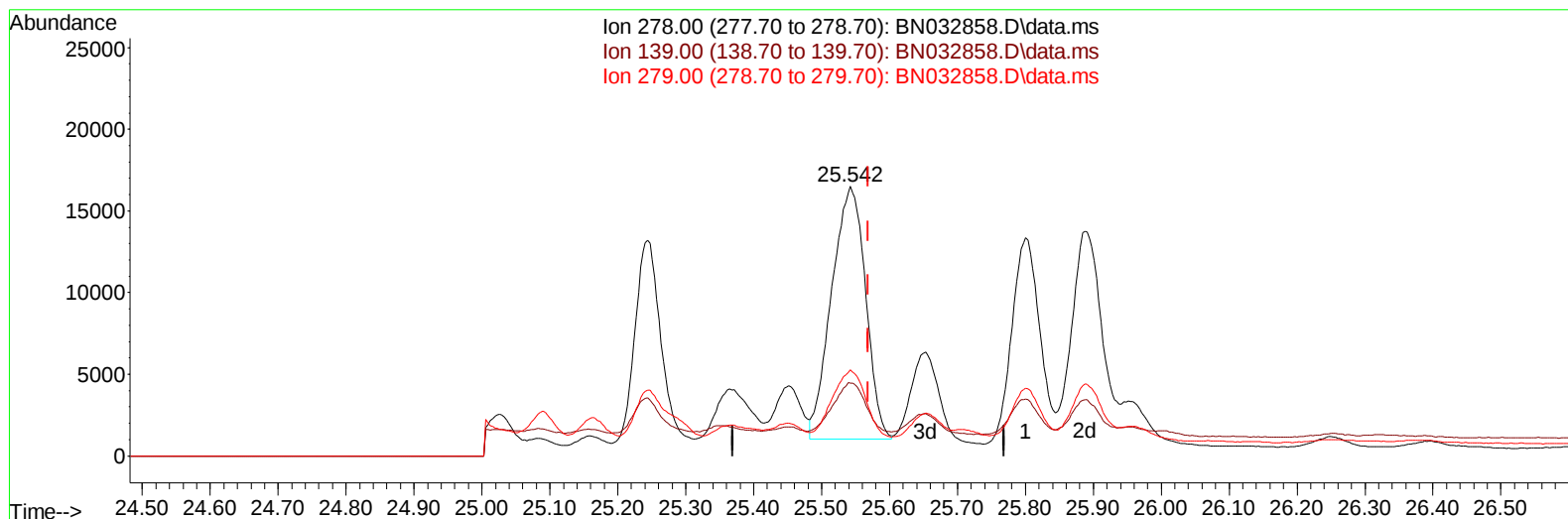
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

(28) Dibenzo(a,h)anthracene

25.542min (-0.027) 1.13 ng/u1 m

response 53727

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	27.05#
279.00	29.60	31.89
0.00	0.00	0.00

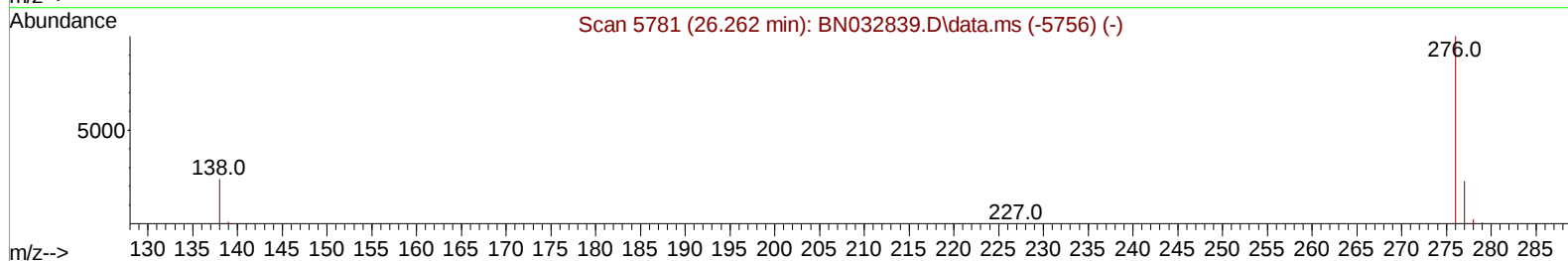
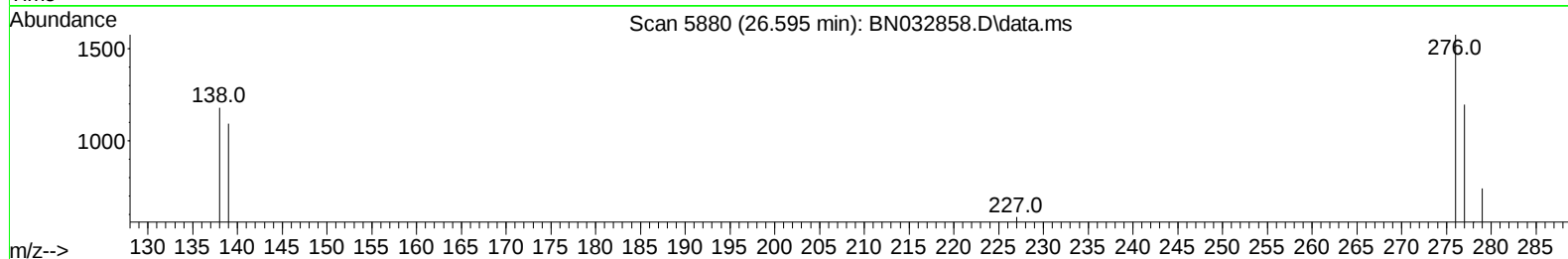
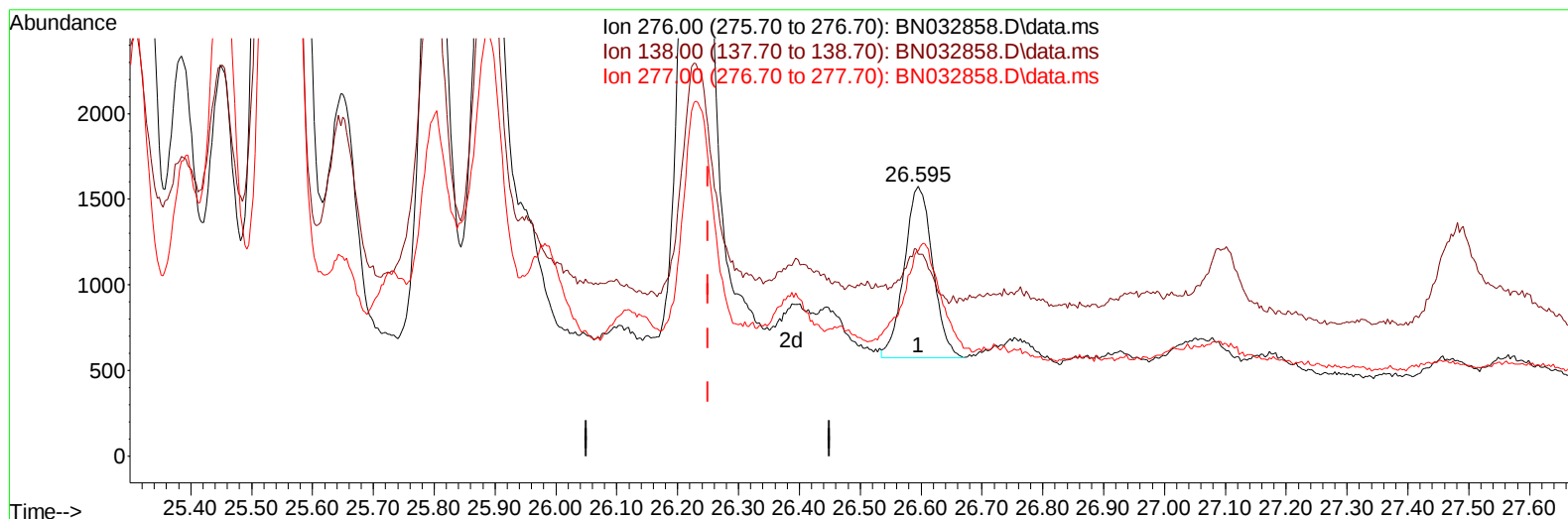
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
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TIC: BN032858.D\data.ms

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

26.595min (+ 0.345) 0.06 ng/u1

response 3252

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	74.97#
277.00	25.80	76.05#
0.00	0.00	0.00

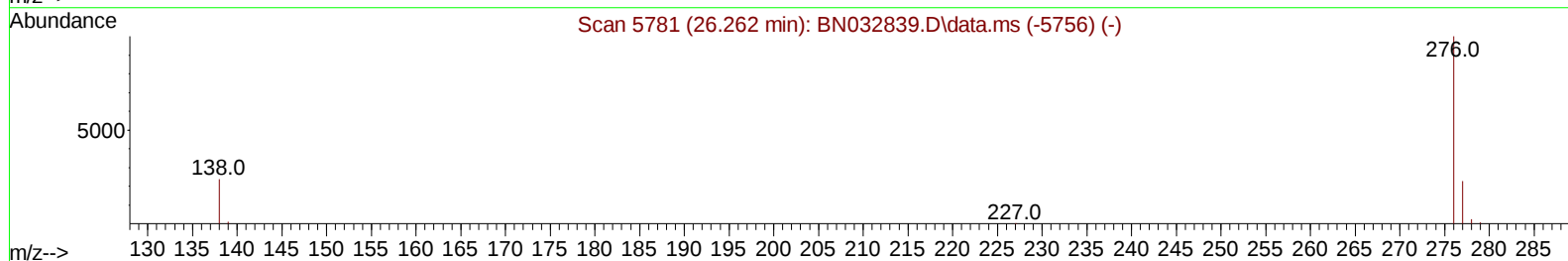
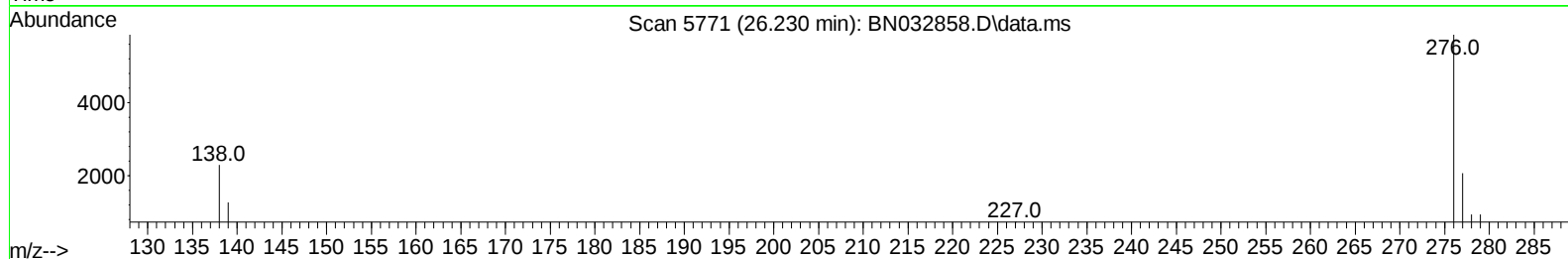
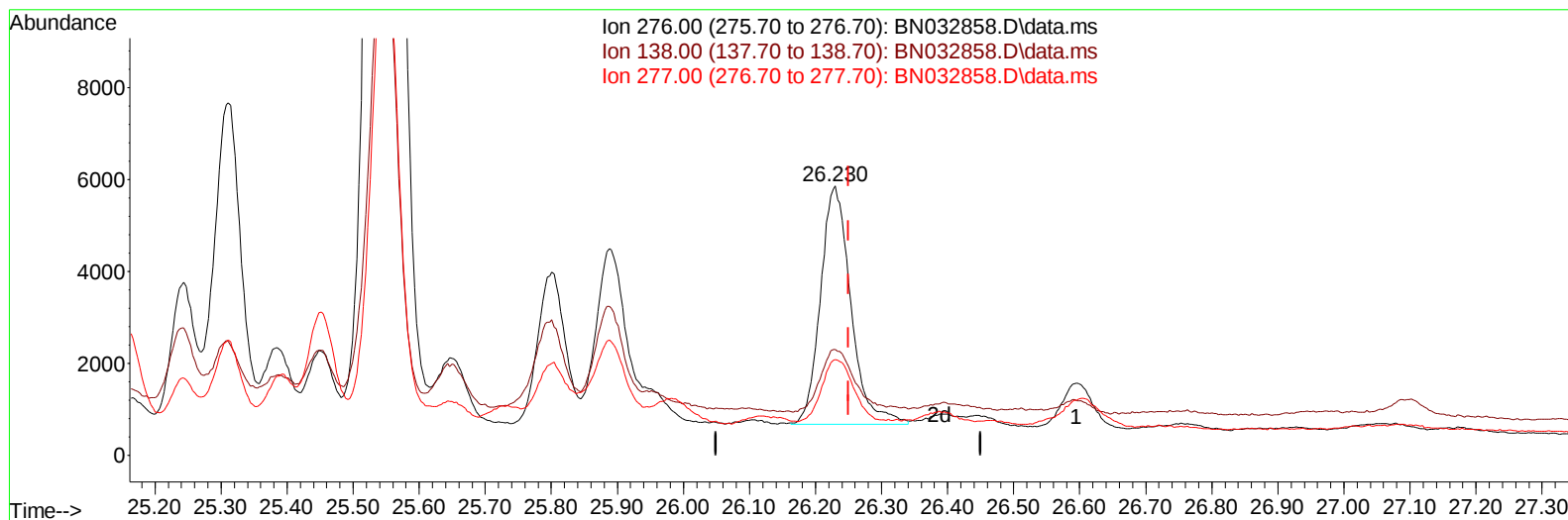
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032858.D\data.ms

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

26.230min (-0.020) 0.32 ng/u1 m

response 16530

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	39.15#
277.00	25.80	35.39#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032858.D
 Acq On : 20 Jul 2024 02:02
 Operator : MA/JU
 Sample : P3178-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	4100	0.400	ng/ul	0.00
4) Naphthalene-d8	10.294	136	12787	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	7443	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	14864m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	12665m	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	14890m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	12401	2.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	3559	0.184	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7837m	0.190	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.343	128	10132	0.295	ng/ul	99
7) 2-Methylnaphthalene	11.977	142	3120	0.146	ng/ul	97
8) 1-Methylnaphthalene	12.202	142	2356	0.106	ng/ul	100
10) Acenaphthylene	13.897	152	20238	0.673	ng/ul	99
11) Acenaphthene	14.239	153	9858	0.396	ng/ul	98
12) Fluorene	15.239	166	10313	0.363	ng/ul	99
15) Phenanthrene	16.978	178	229072m	5.659	ng/ul	
16) Anthracene	17.075	178	48190m	1.457	ng/ul	
19) Fluoranthene	19.013	202	553107m	10.741	ng/ul	
20) Pyrene	19.375	202	328260m	6.159	ng/ul	
21) Benzo(a)anthracene	21.136	228	254957m	6.324	ng/ul	
22) Chrysene	21.191	228	297170m	5.096	ng/ul	
24) Benzo(b)fluoranthene	22.690	252	413400m	7.869	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	158522m	2.476	ng/ul	
26) Benzo(a)pyrene	23.249	252	110658m	2.434	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.549	276	120933m	1.964	ng/ul	
28) Dibenzo(a,h)anthracene	25.542	278	53727m	1.126	ng/ul	
29) Benzo(g,h,i)perylene	26.230	276	16530m	0.321	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
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Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT4

Manual IntegrationsAPPROVED

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