

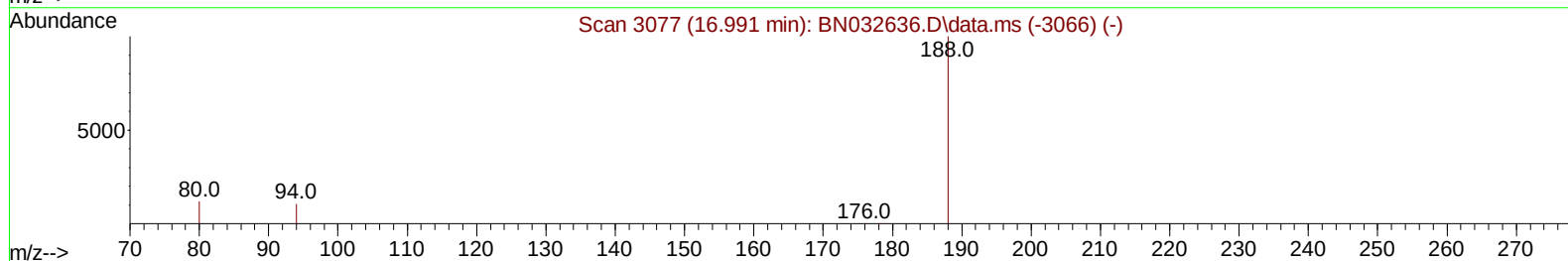
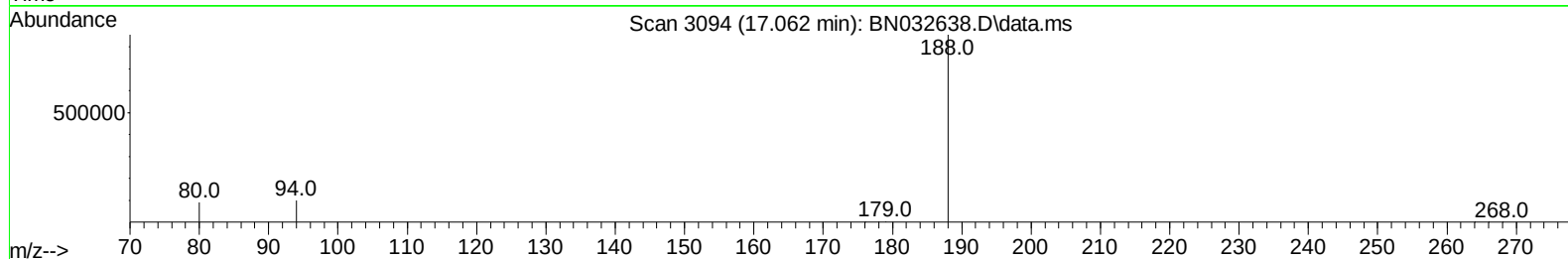
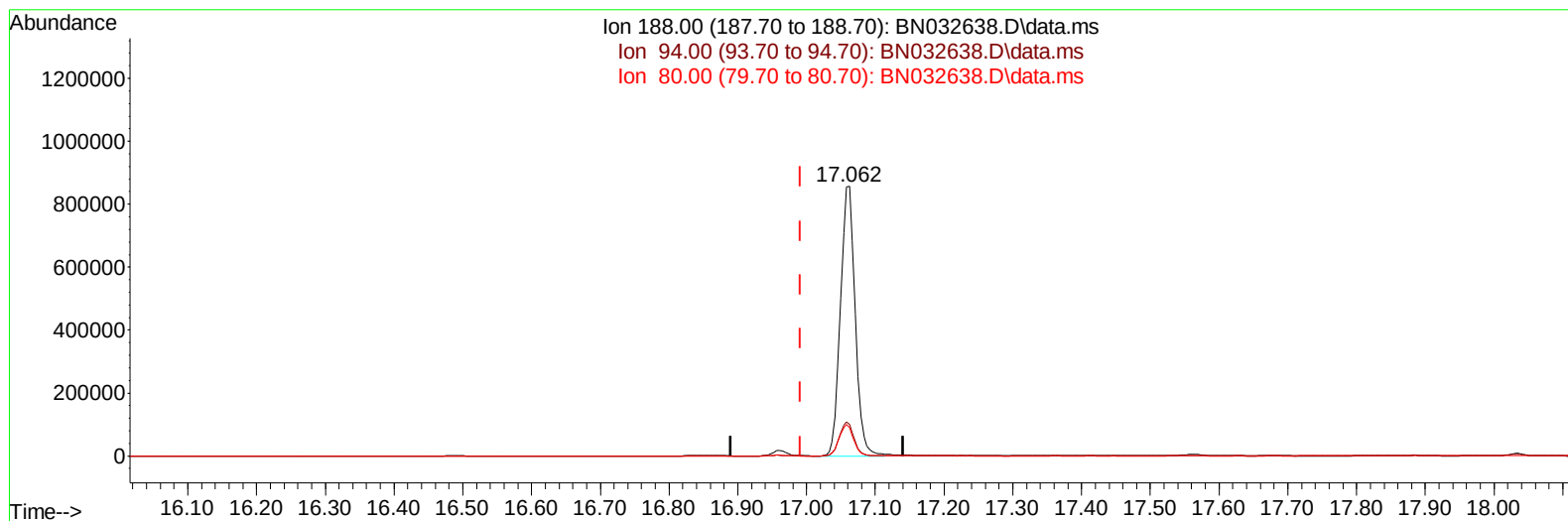
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(13) Phenanthrene-d10 (I)

17.062min (+ 0.072) 0.40 ng/u1

response 1280023

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.65
80.00	12.00	10.41
0.00	0.00	0.00

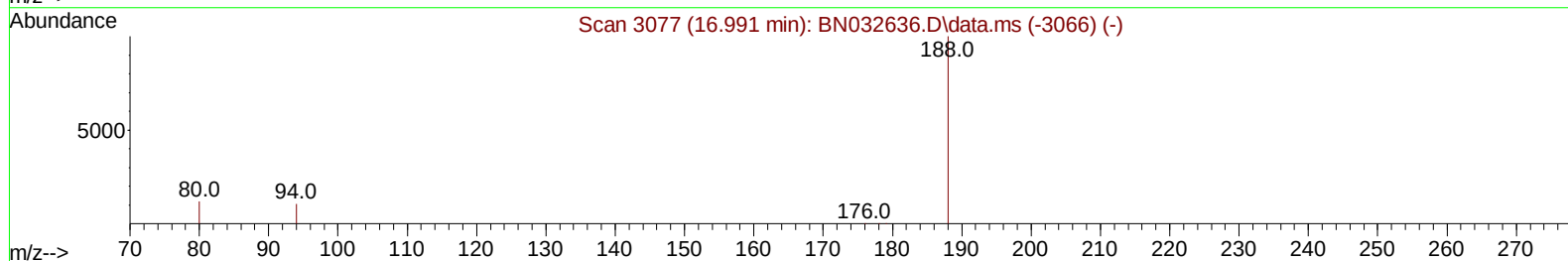
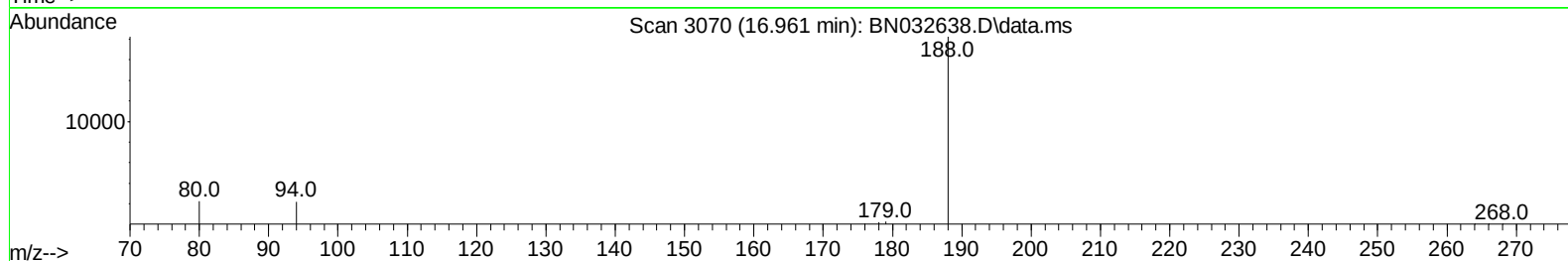
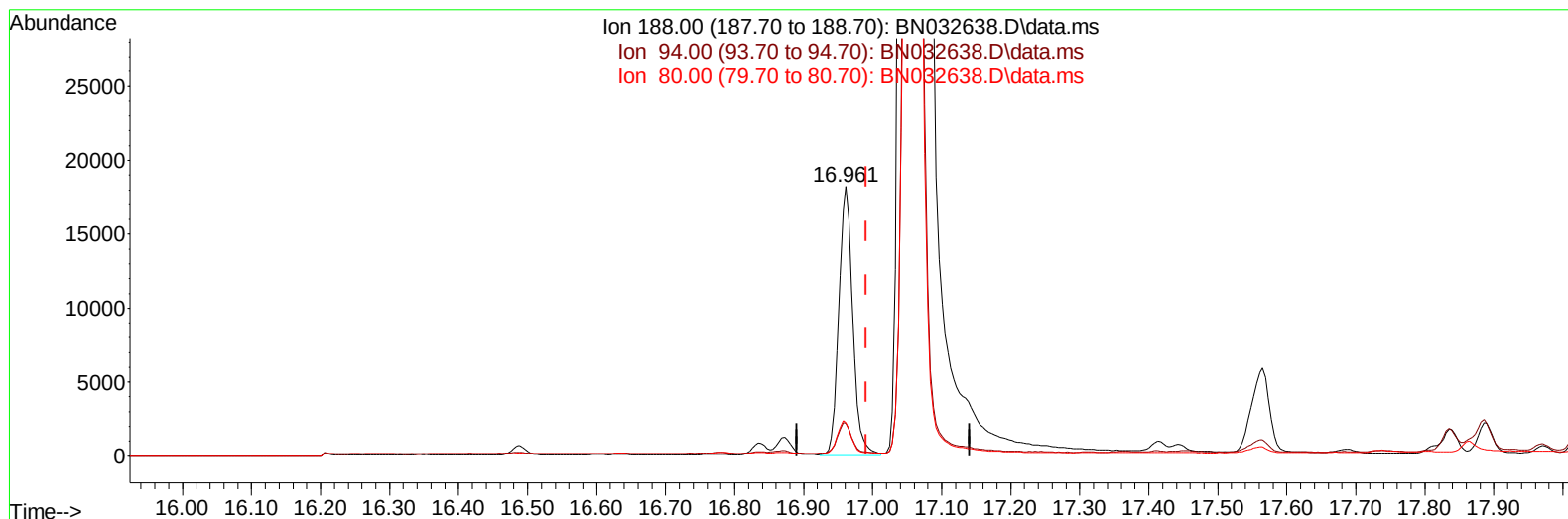
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(13) Phenanthrene-d10 (I)

16.961min (-0.030) 0.40 ng/ul m

response 25736

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.17
80.00	12.00	12.47
0.00	0.00	0.00

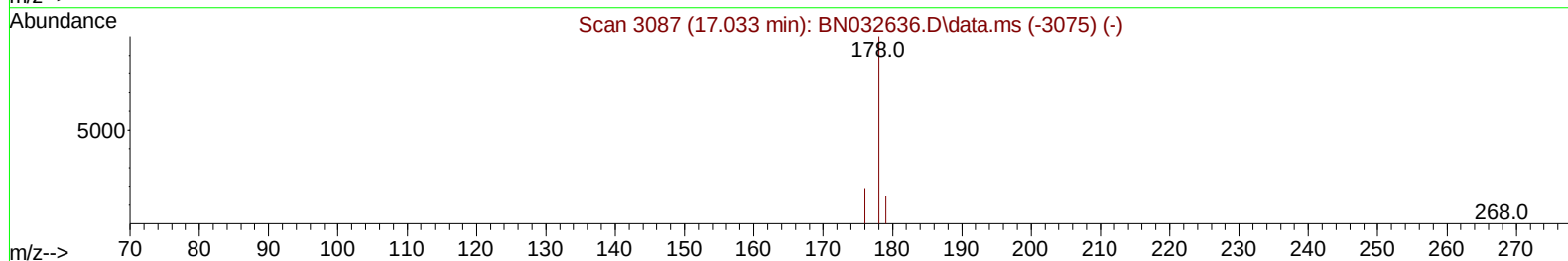
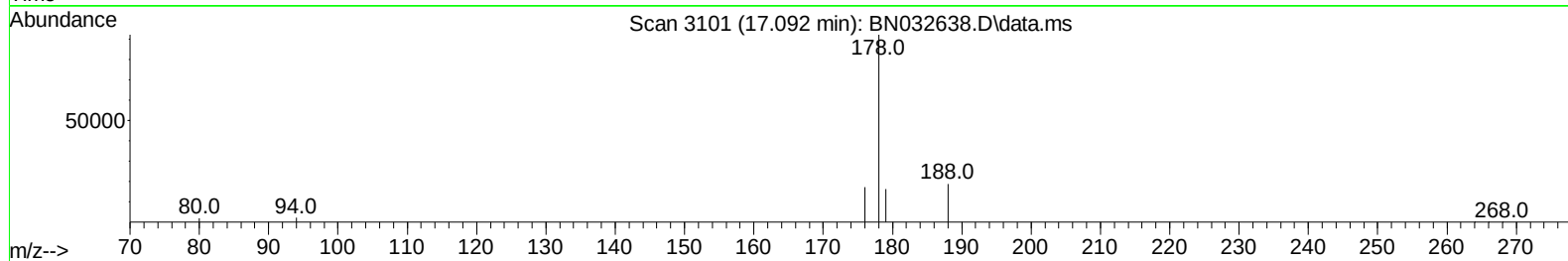
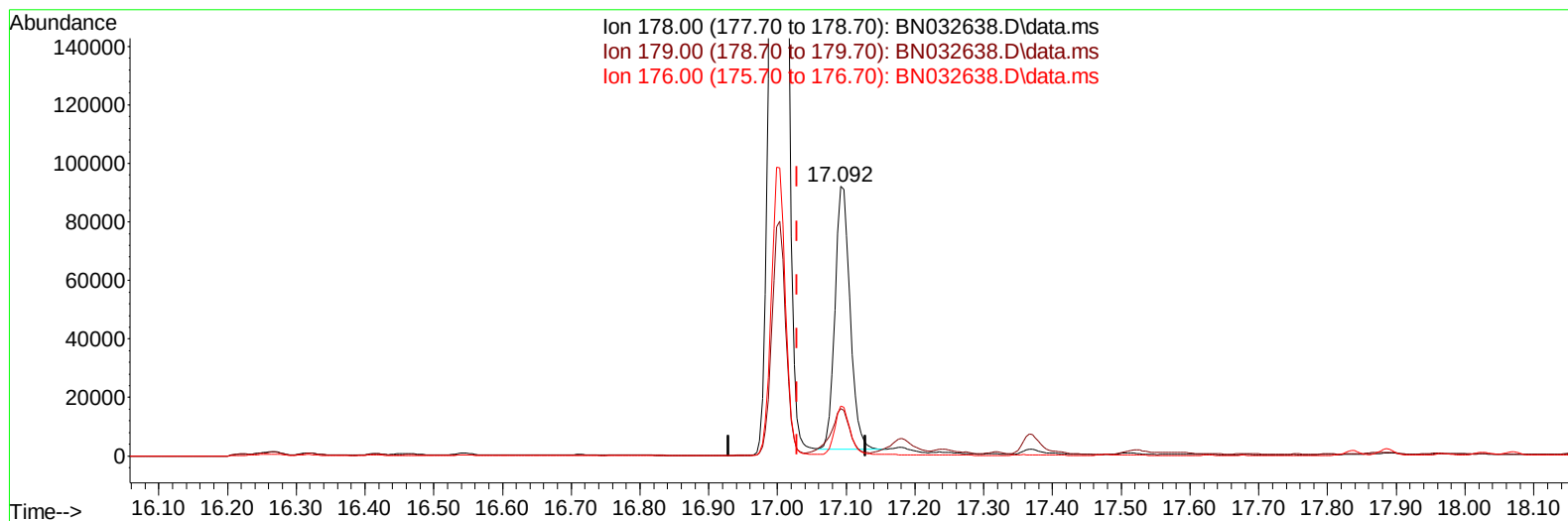
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(15) Phenanthrene

17.092min (+ 0.063) 1.95 ng/u1

response 136462

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.67
176.00	19.50	18.56
0.00	0.00	0.00

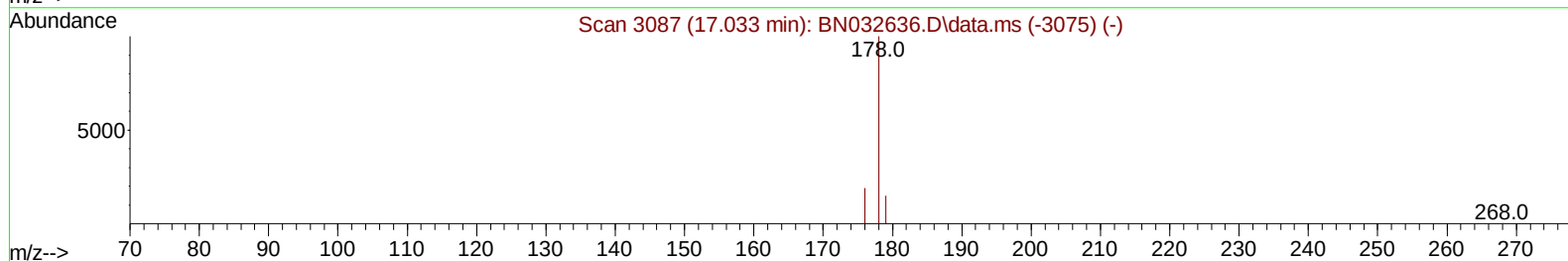
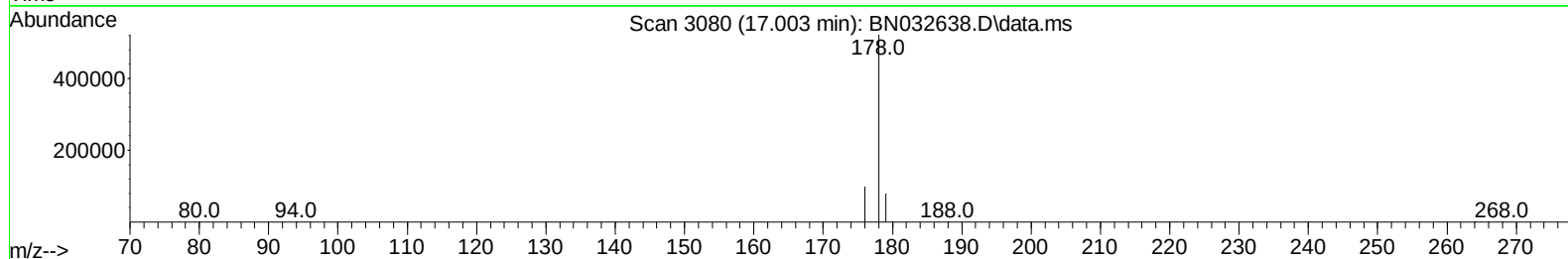
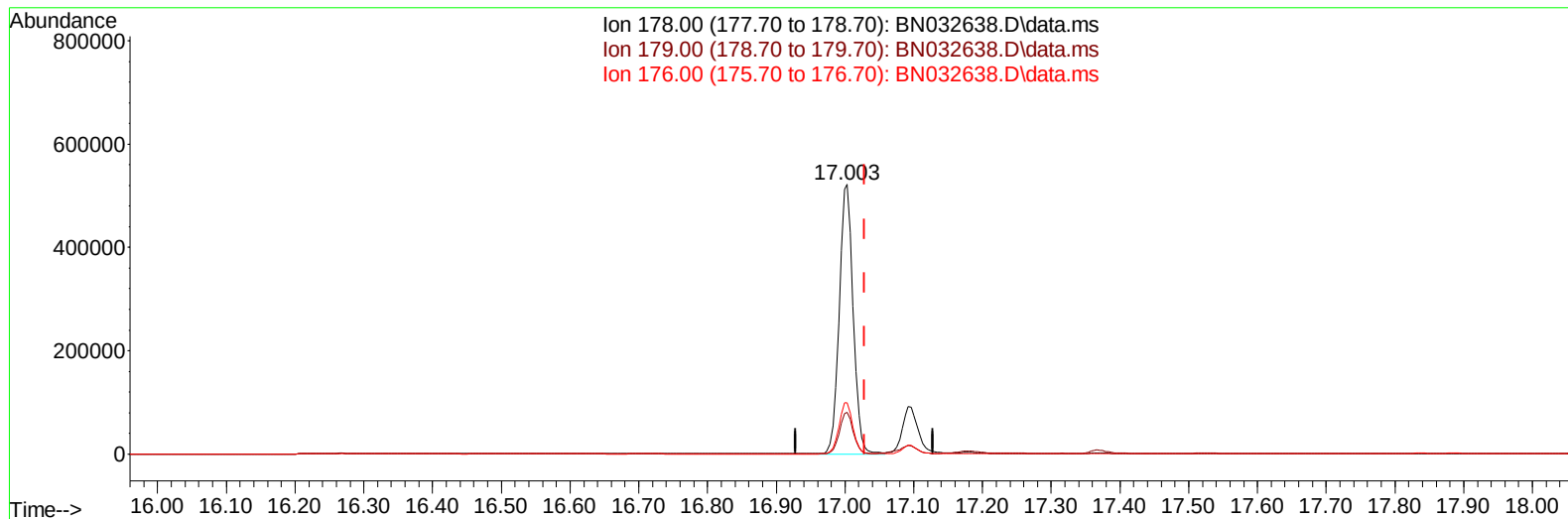
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 2024
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TIC: BN032638.D\data.ms

(15) Phenanthrene

17.003min (-0.025) 10.50 ng/ul m

response 736206

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.38
176.00	19.50	18.89
0.00	0.00	0.00

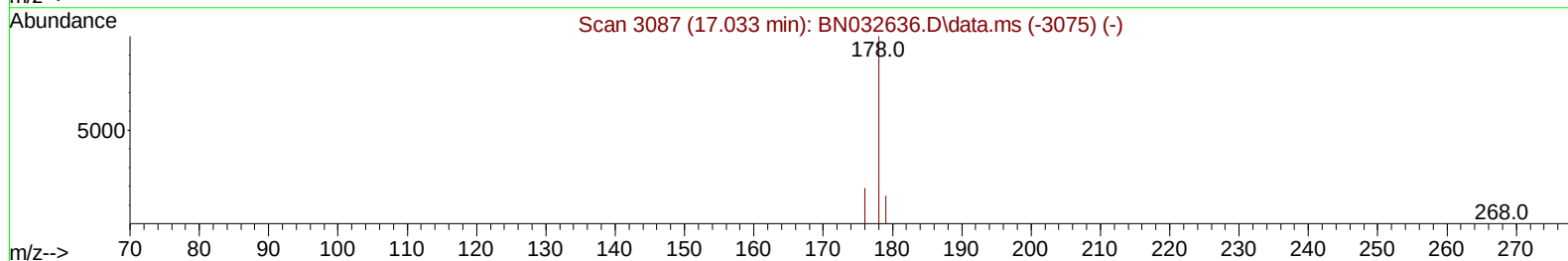
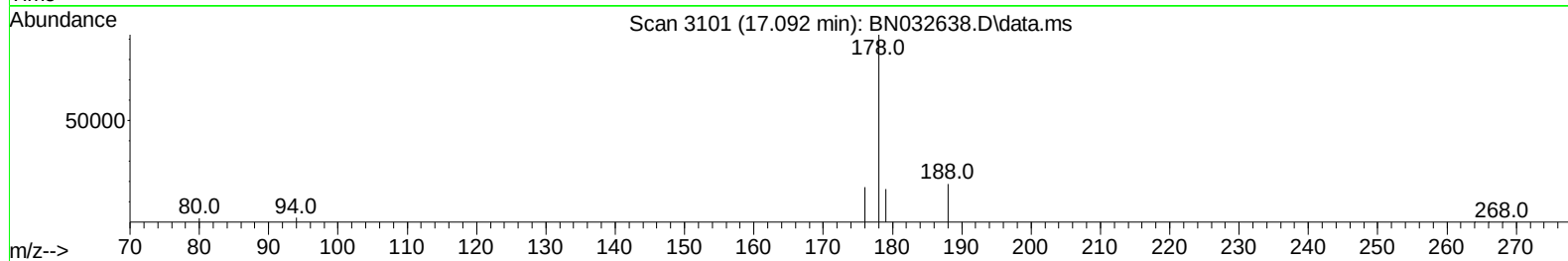
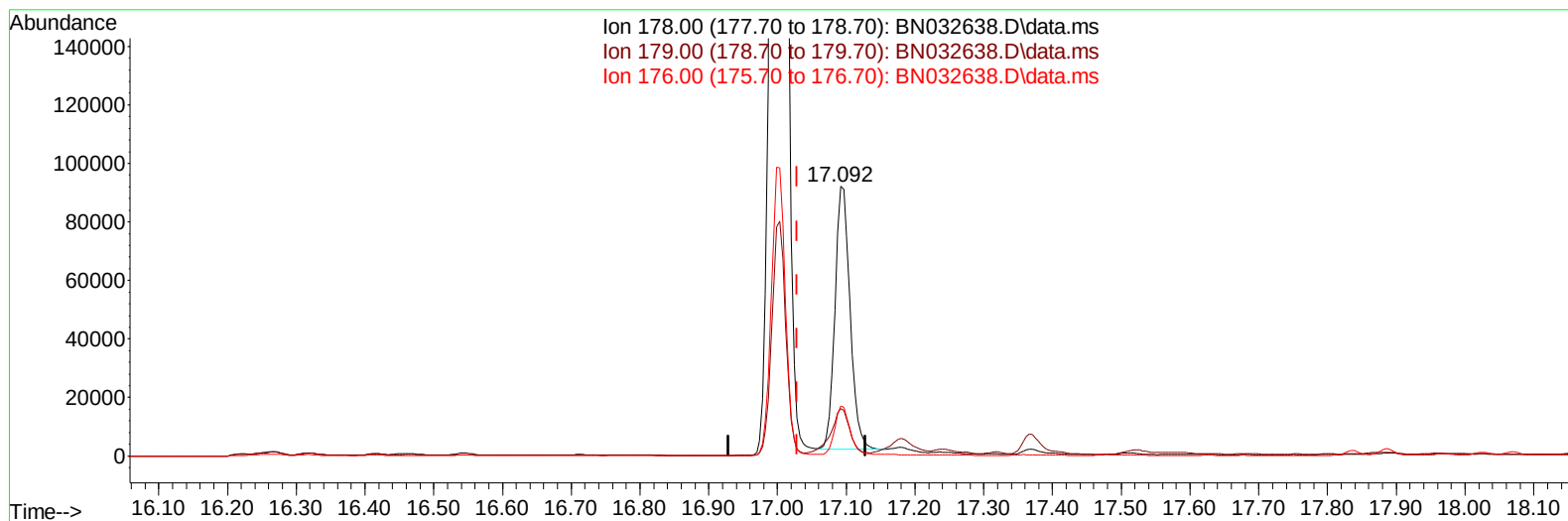
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032638.D\data.ms

(15) Phenanthrene

17.092min (+ 0.063) 1.95 ng/u1

response 136462

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.67
176.00	19.50	18.56
0.00	0.00	0.00

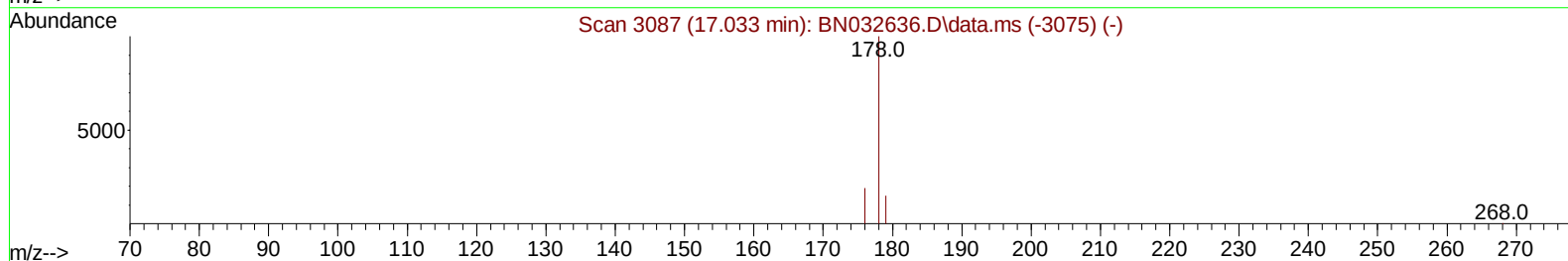
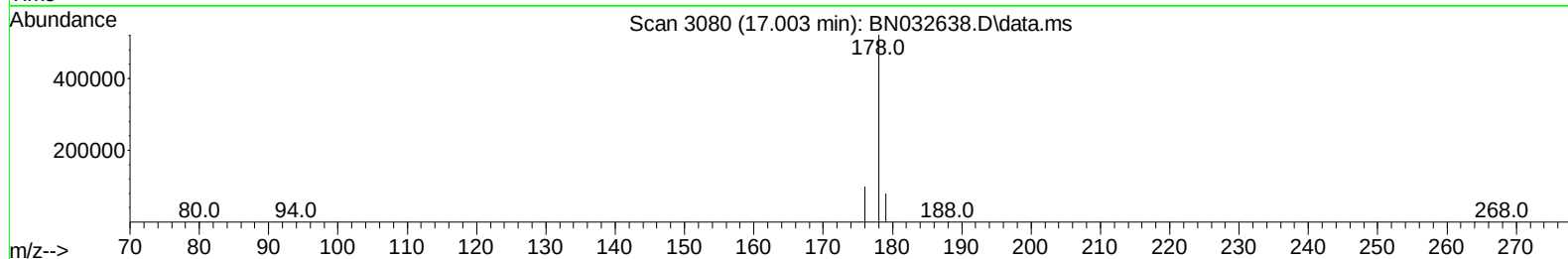
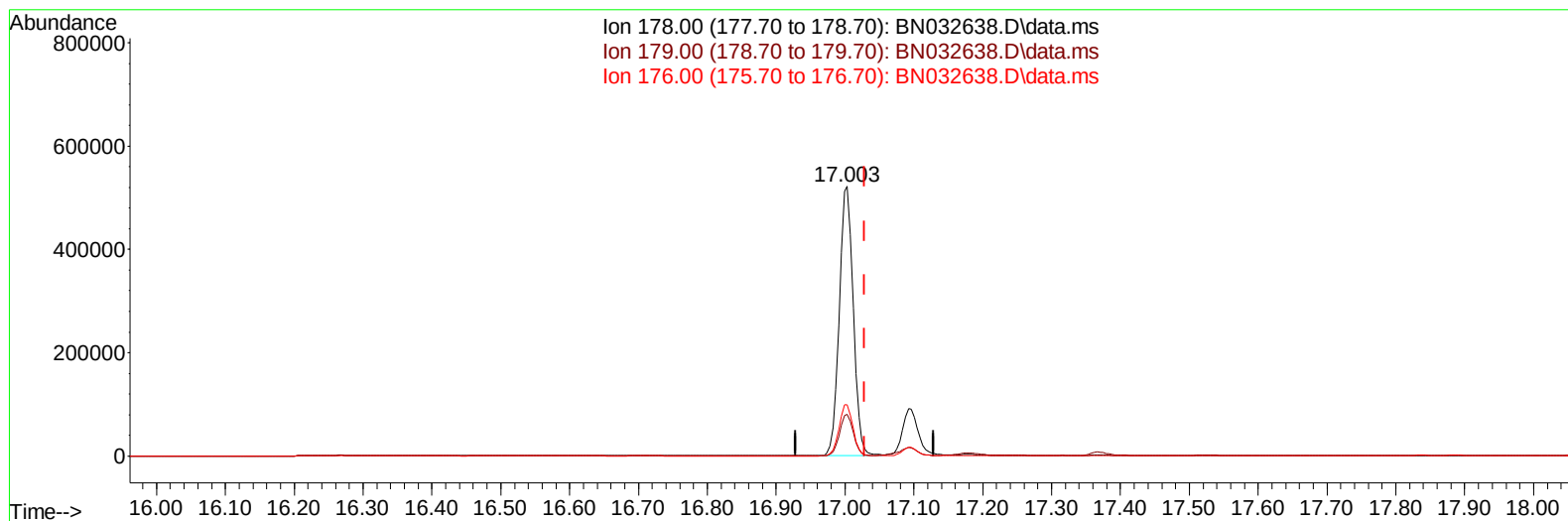
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(15) Phenanthrene

17.003min (-0.025) 10.49 ng/ul m

response 735416

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.38
176.00	19.50	18.89
0.00	0.00	0.00

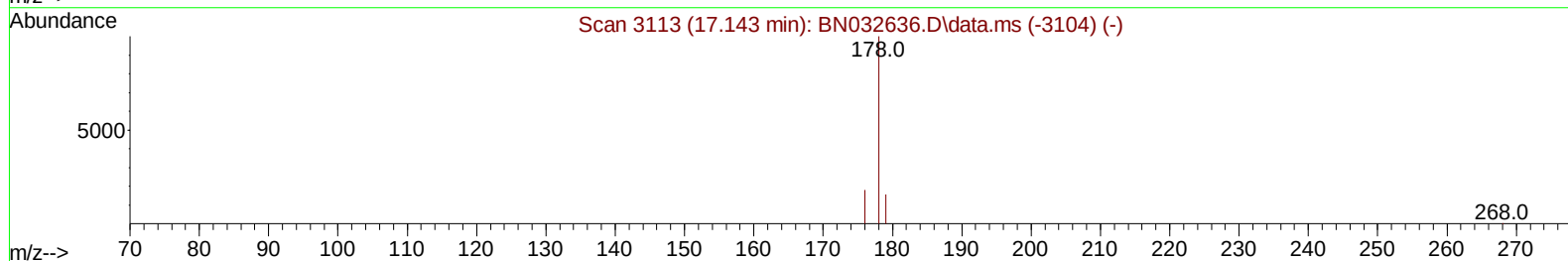
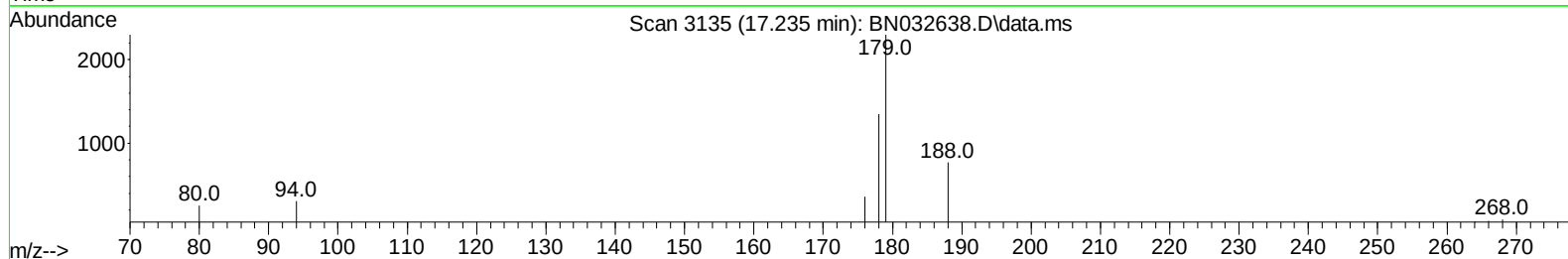
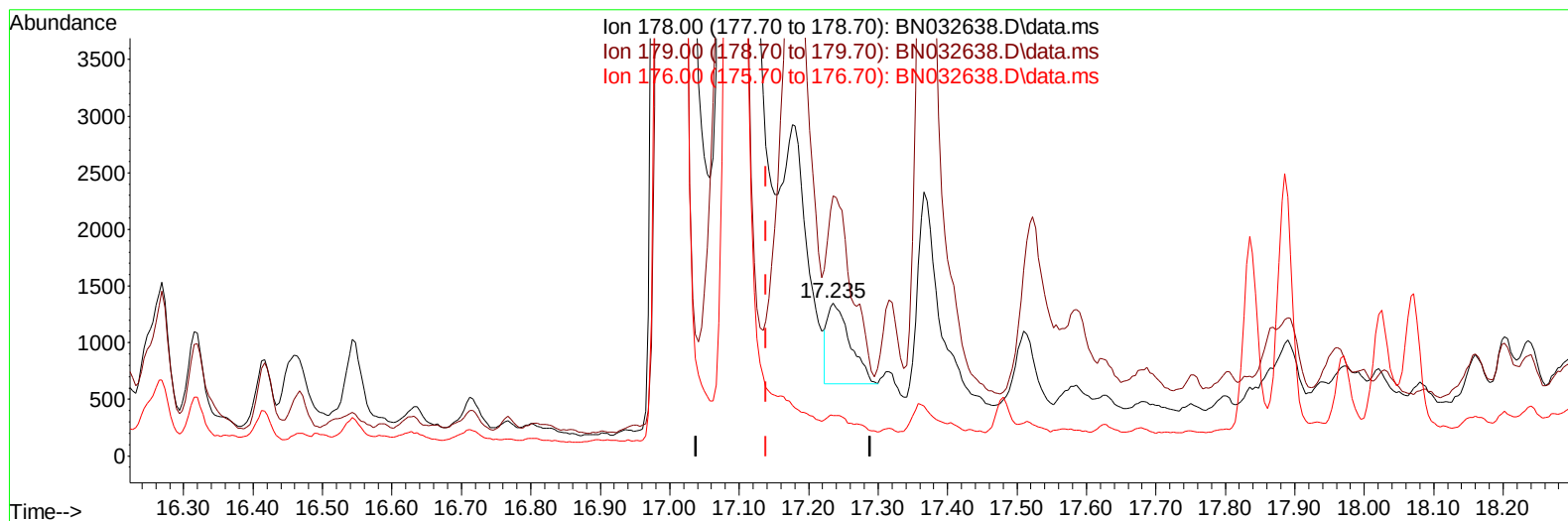
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032638.D\data.ms

(16) Anthracene

17.235min (+ 0.097) 0.03 ng/u1

response 1607

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	170.22#
176.00	19.20	26.52#
0.00	0.00	0.00

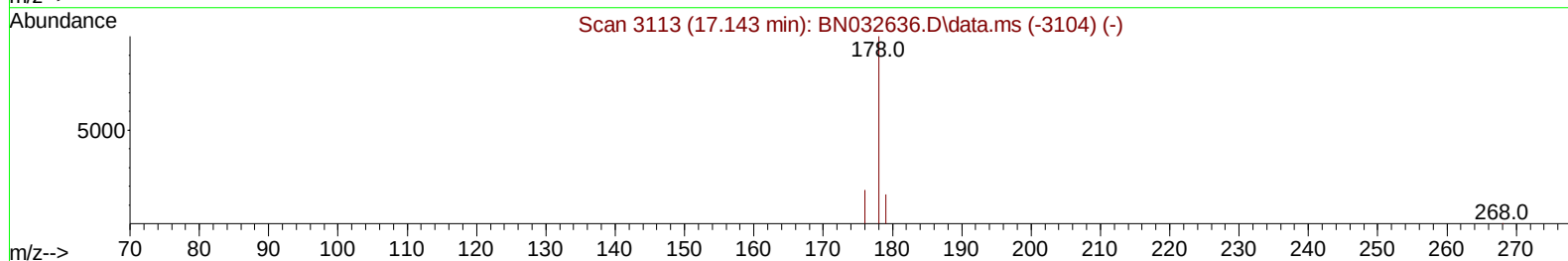
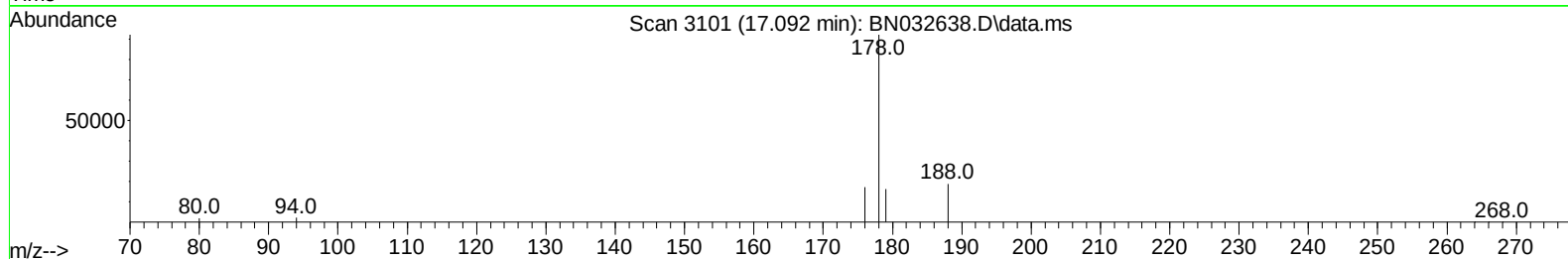
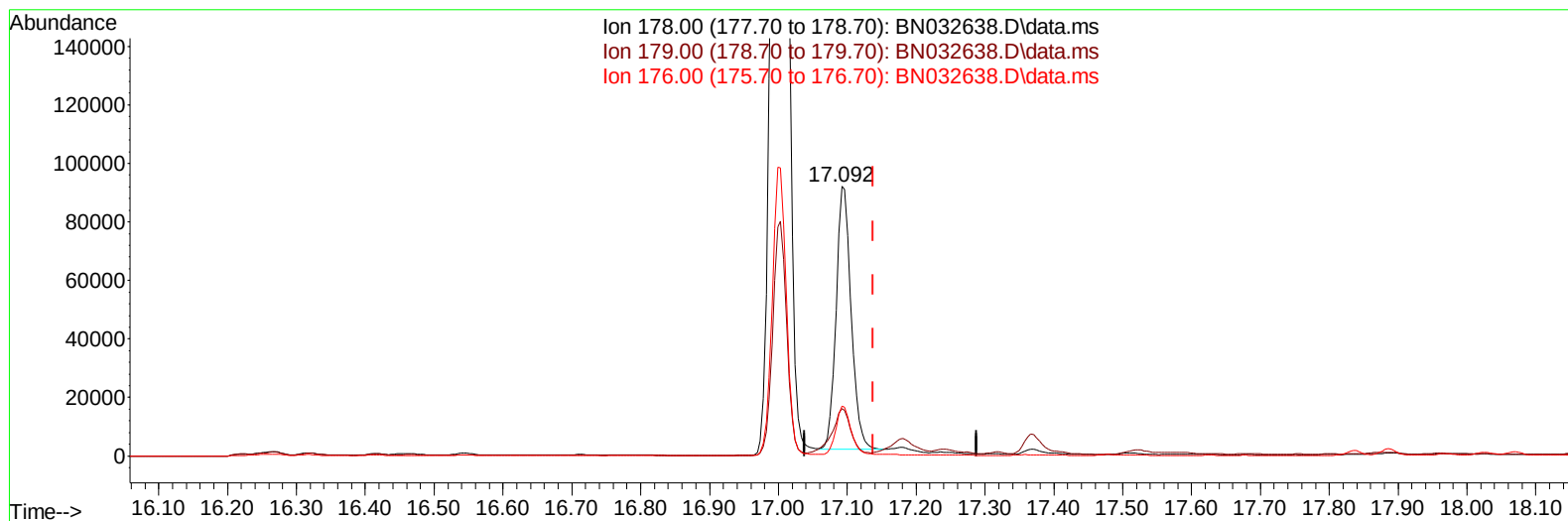
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(16) Anthracene

17.092min (-0.046) 2.39 ng/ul m

response 136781

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	17.67
176.00	19.20	18.56
0.00	0.00	0.00

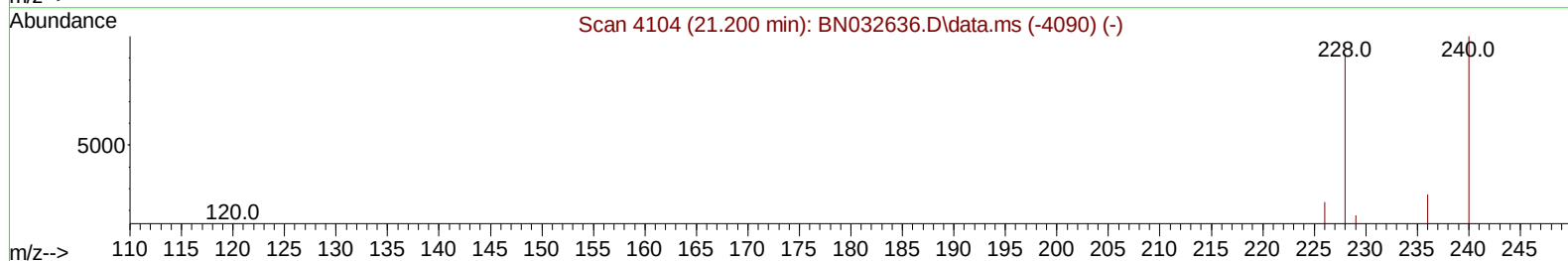
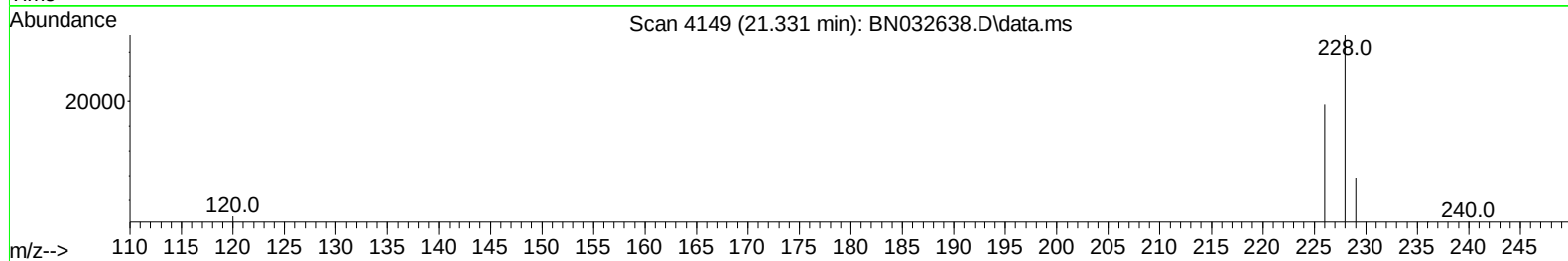
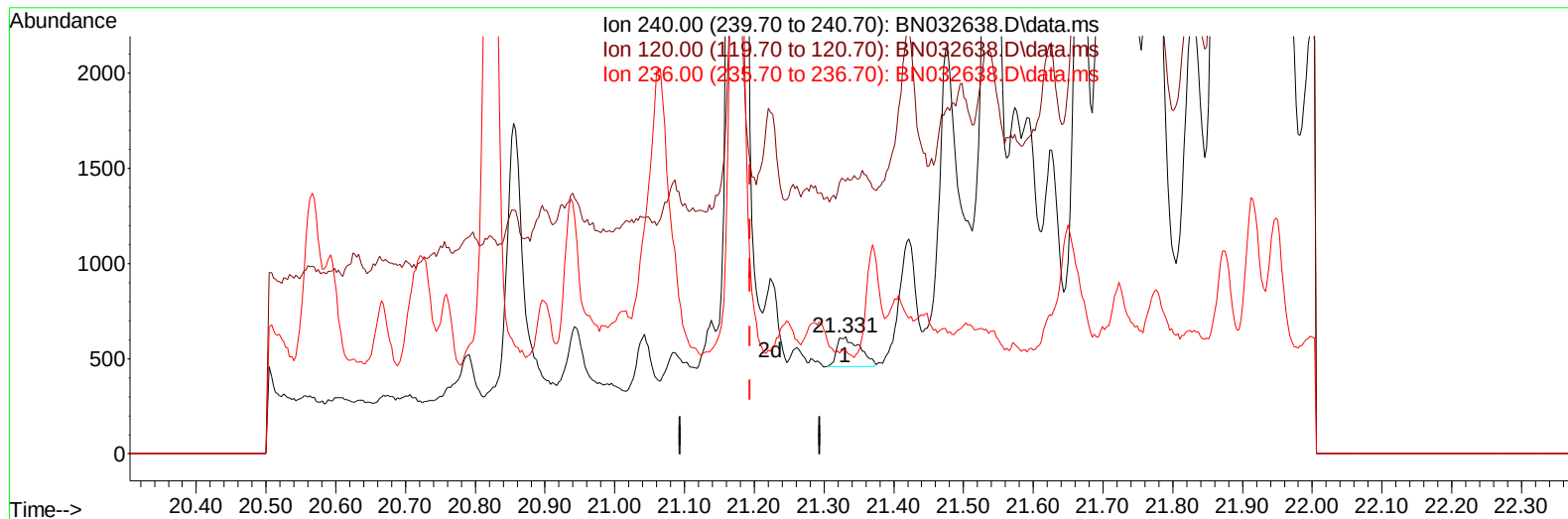
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032638.D\data.ms

(17) Chrysene-d12

21.331min (+ 0.137) 0.40 ng/u1

response 360

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	233.01#
236.00	28.40	88.13#
0.00	0.00	0.00

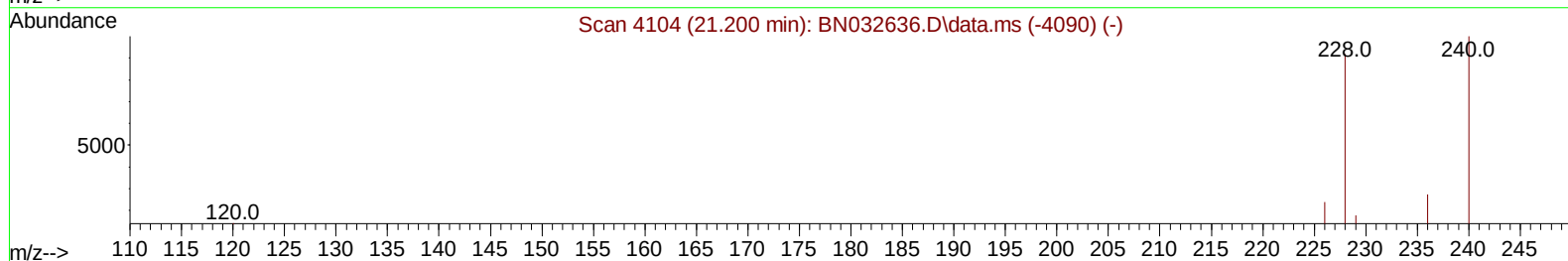
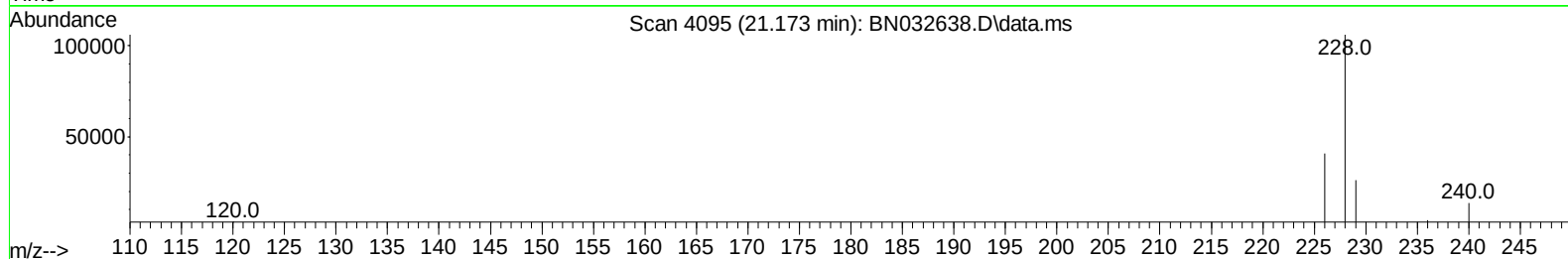
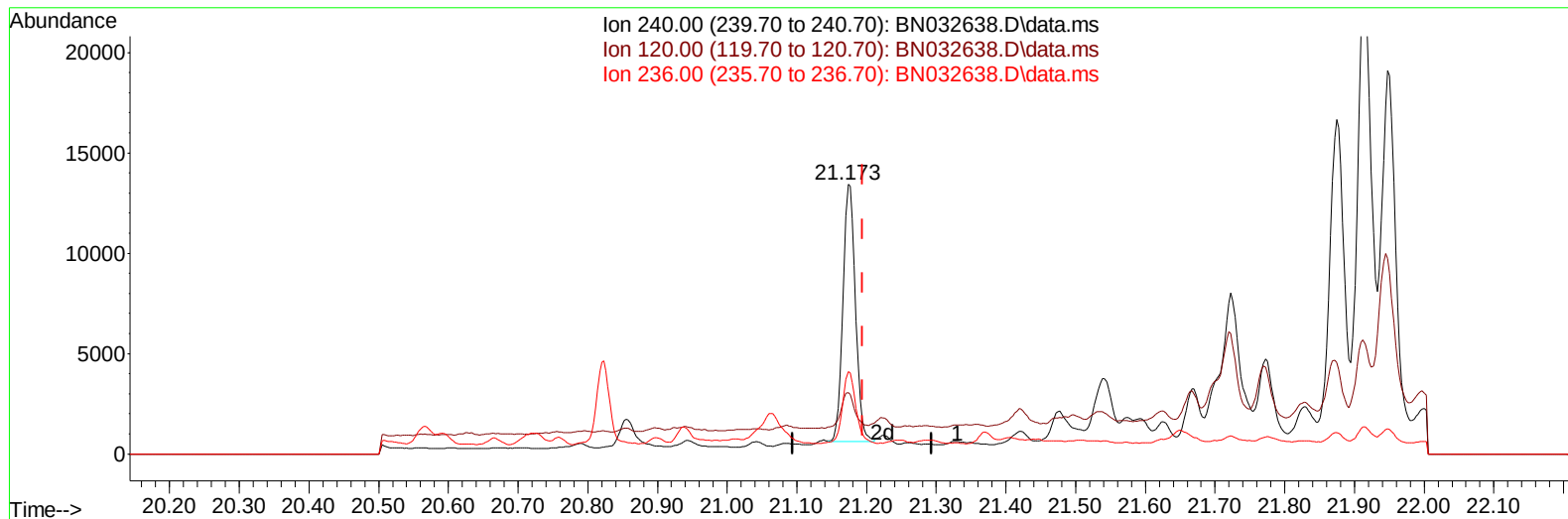
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032638.D\data.ms

(17) Chrysene-d12

21.173min (-0.020) 0.40 ng/ul m

response 15939

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	22.87#
236.00	28.40	30.48
0.00	0.00	0.00

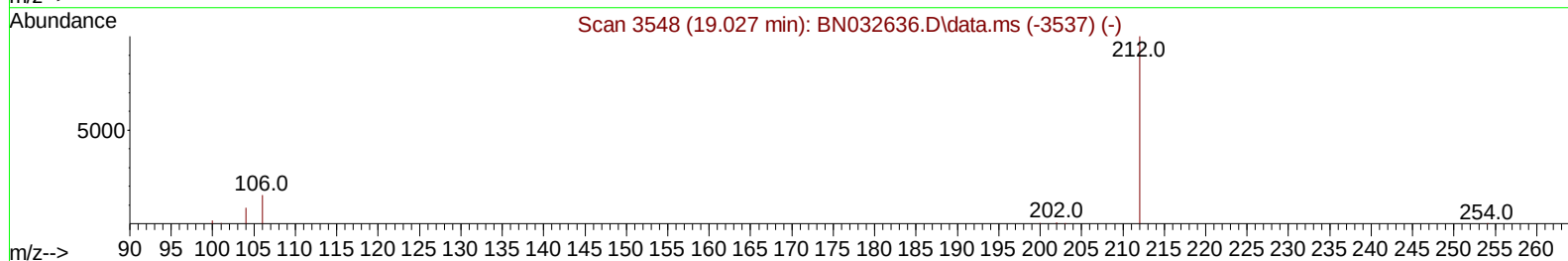
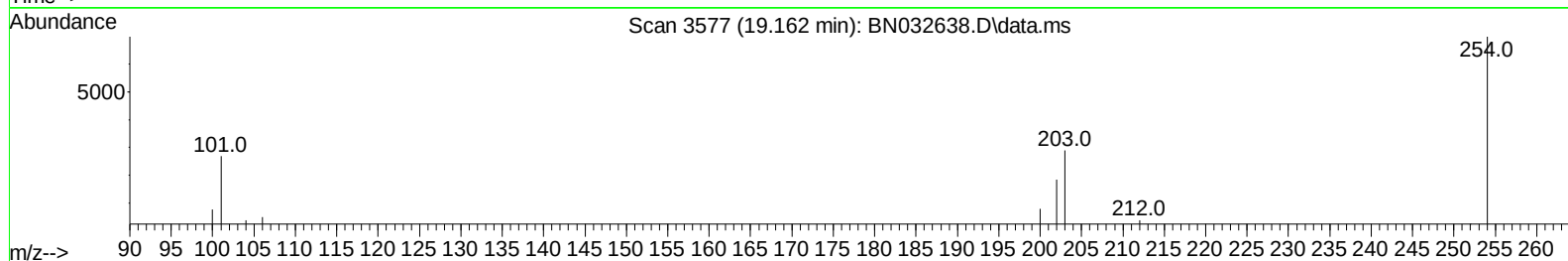
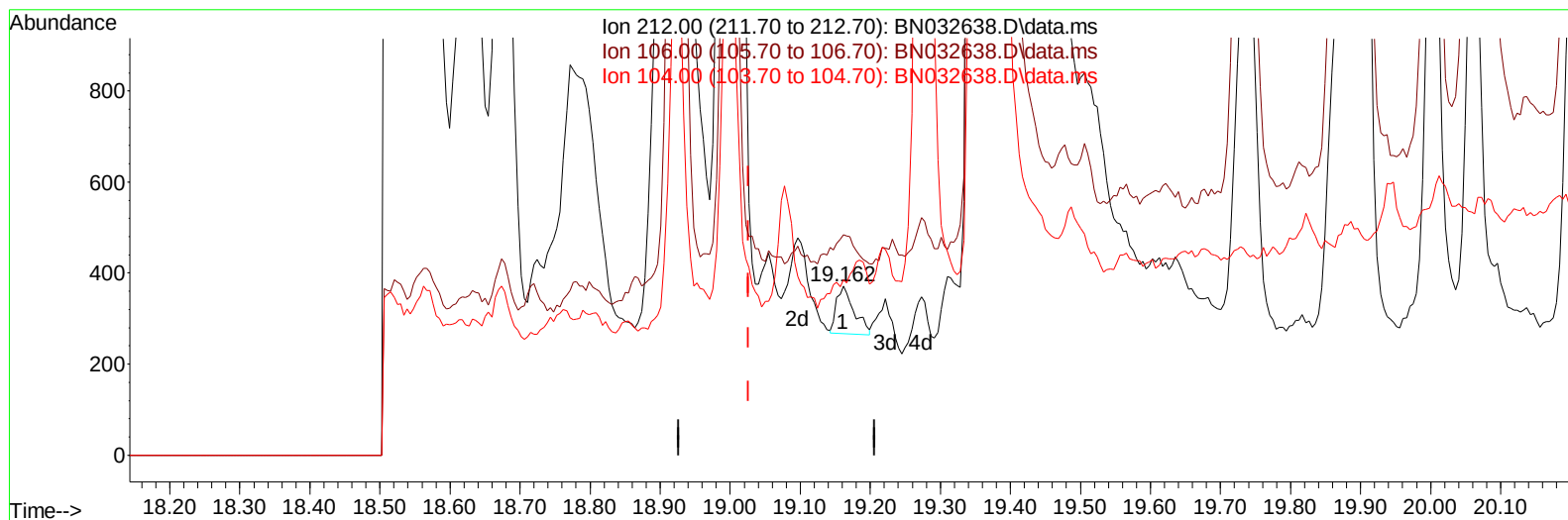
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:55:08 2024
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TIC: BN032638.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.162min (+ 0.135) 0.00 ng/u1

response 179

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	81.01#
104.00	9.00	0.00#
0.00	0.00	0.00

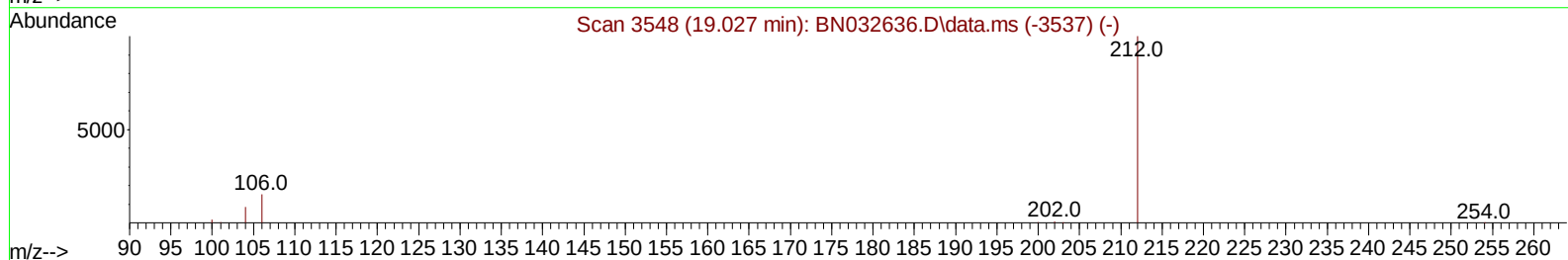
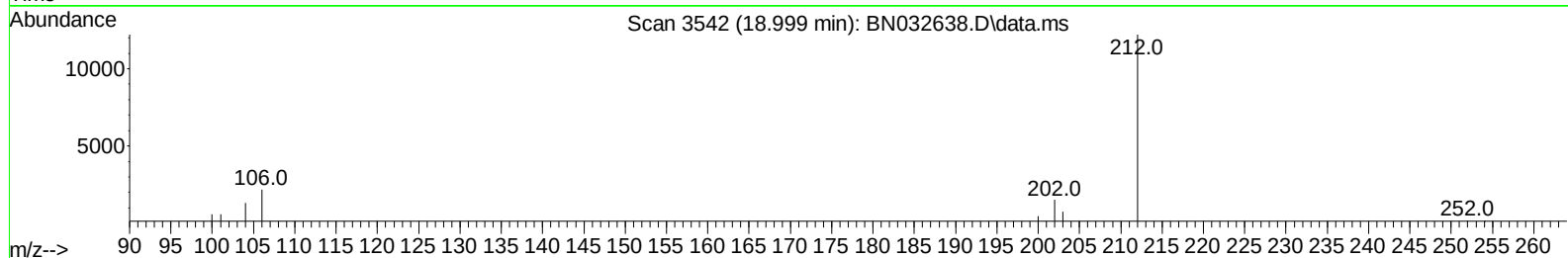
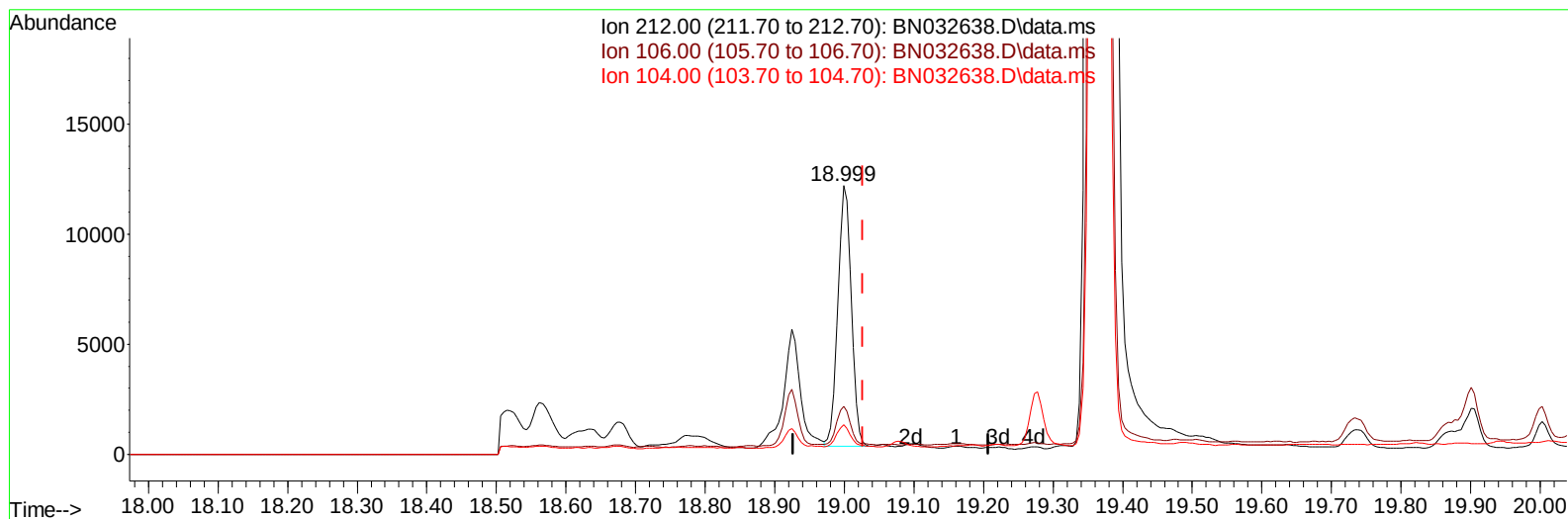
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 2024
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TIC: BN032638.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.999min (-0.028) 0.30 ng/ul m

response 15825

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.92#
104.00	9.00	0.00#
0.00	0.00	0.00

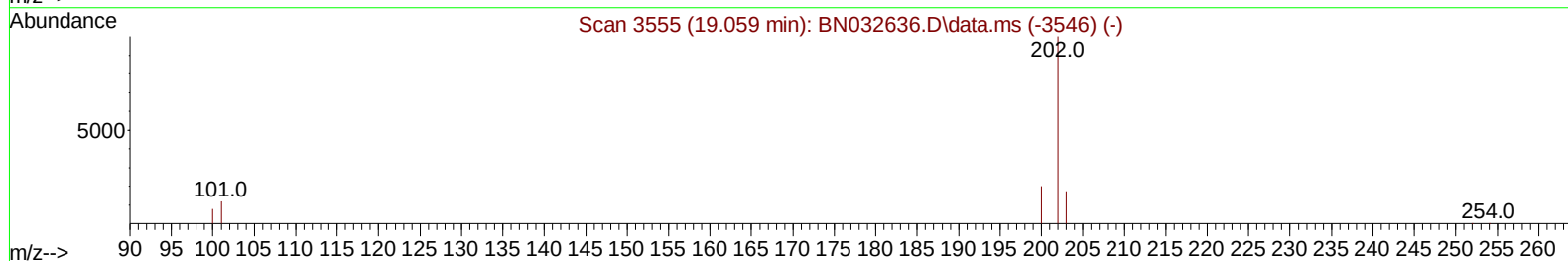
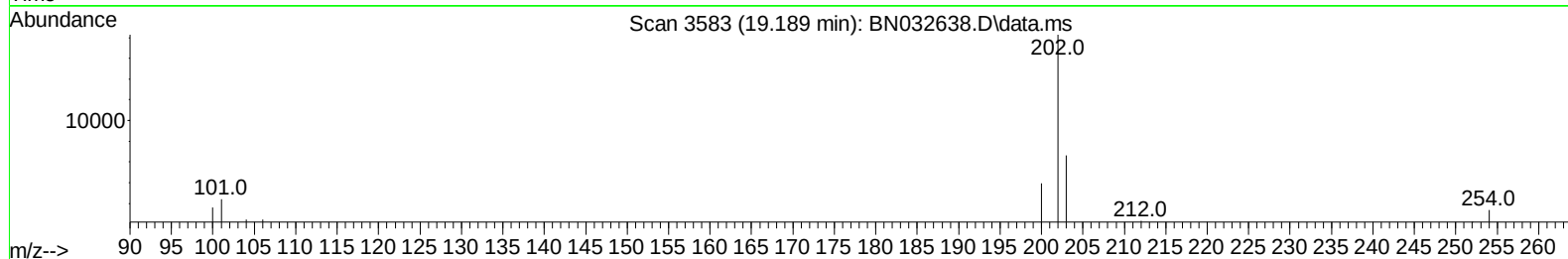
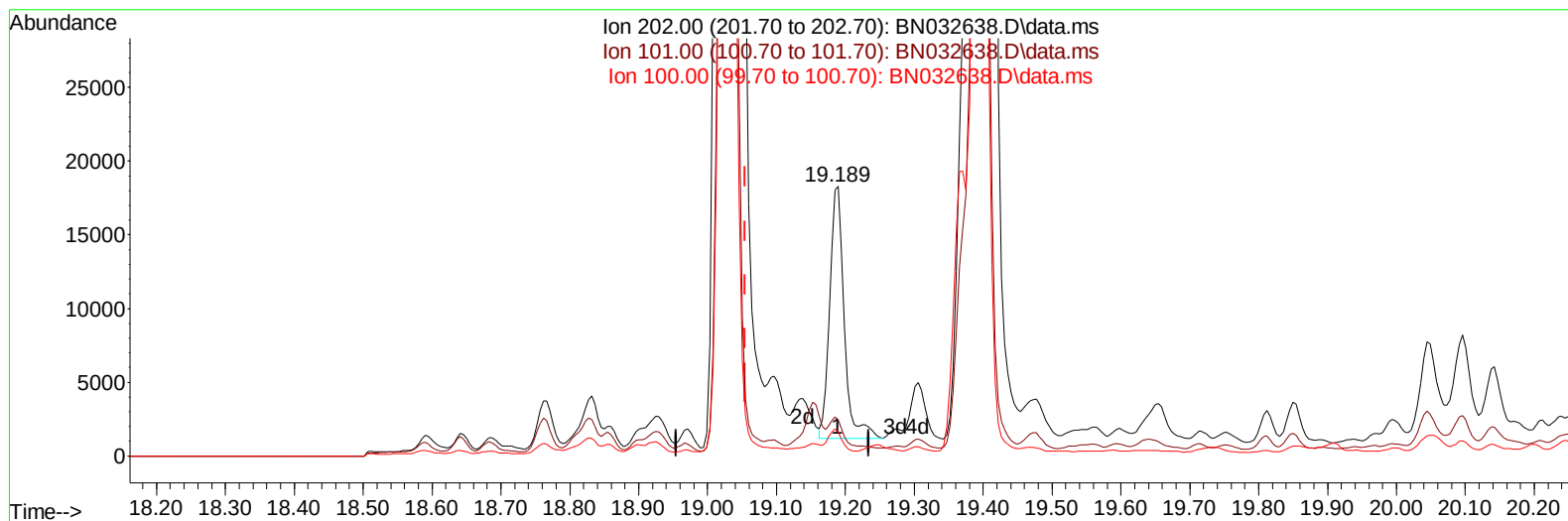
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
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Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 2024
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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(19) Fluoranthene (C)

19.189min (+ 0.135) 0.39 ng/u1

response 25030

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	13.30
100.00	9.90	8.92
0.00	0.00	0.00

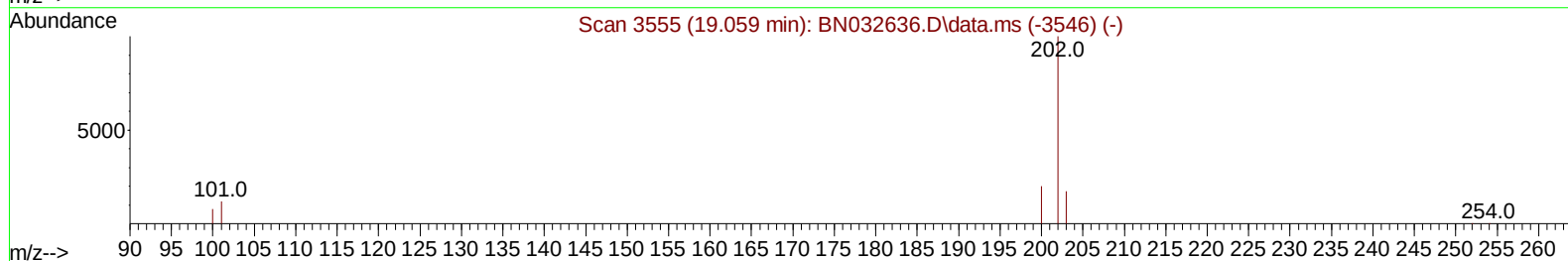
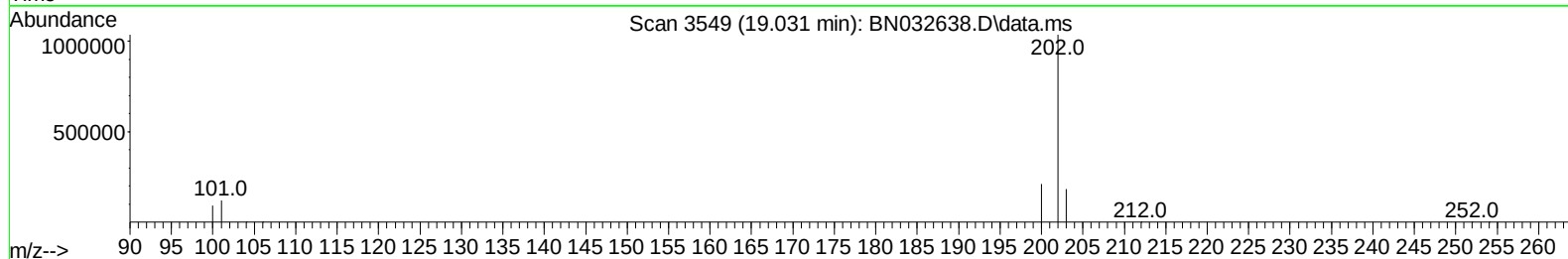
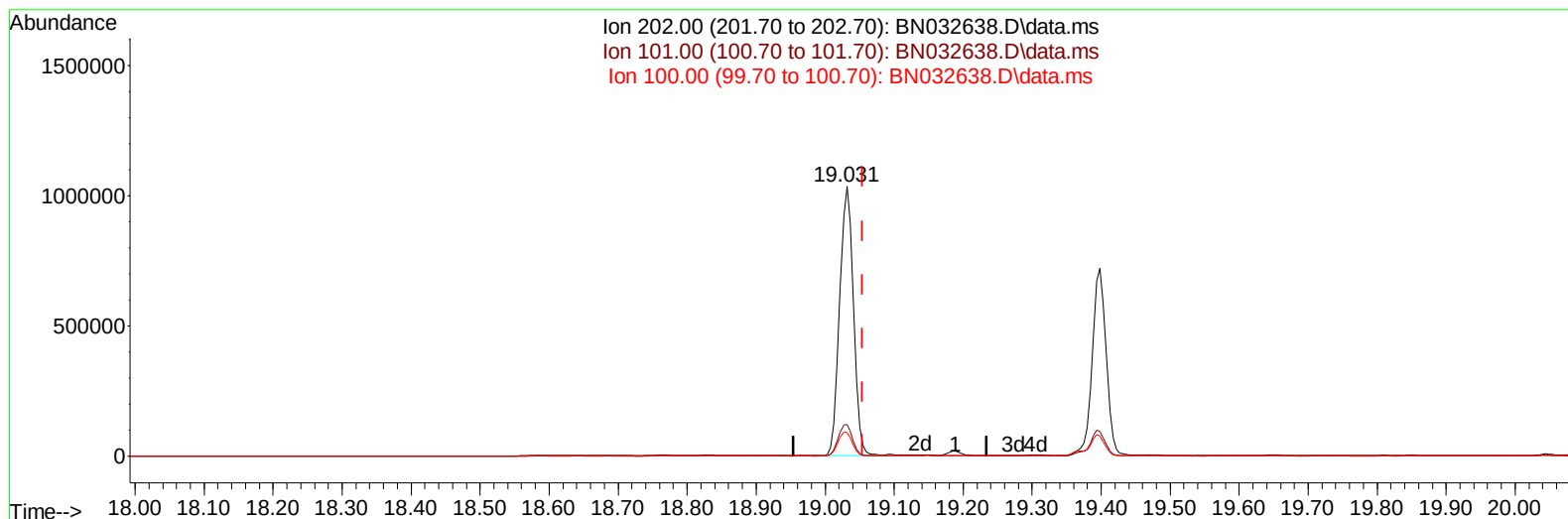
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(19) Fluoranthene (C)

19.031min (-0.023) 21.87 ng/ul m

response 1417102

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.61
100.00	9.90	8.68
0.00	0.00	0.00

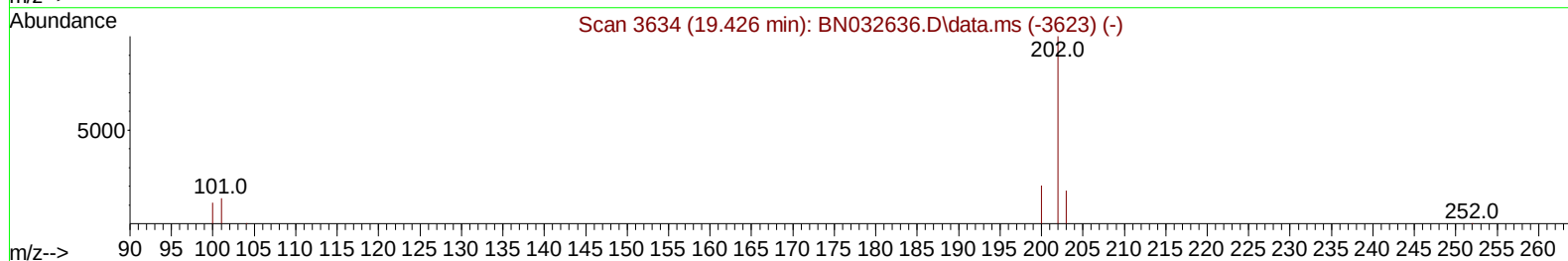
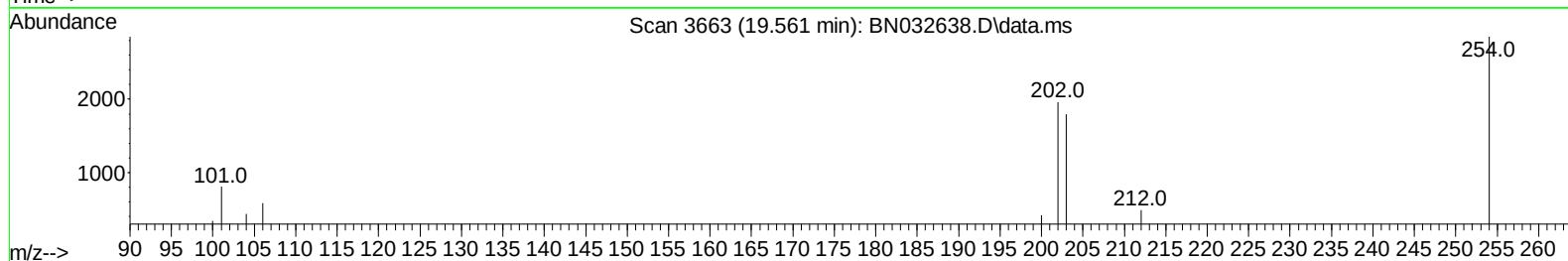
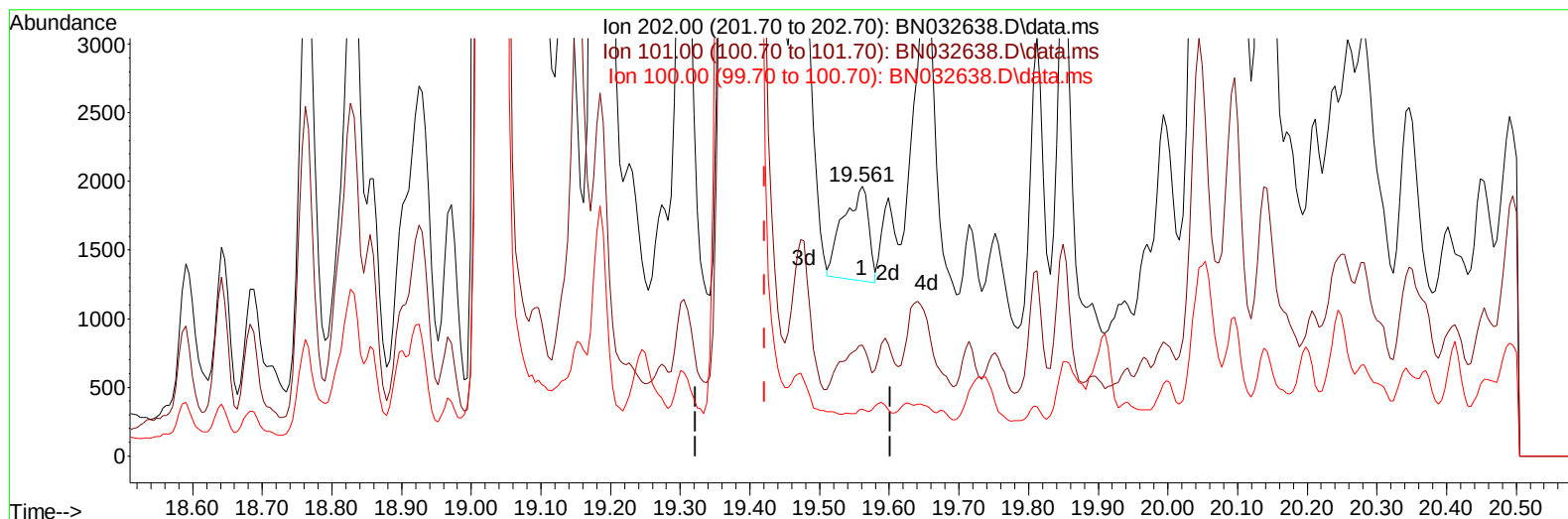
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(20) Pyrene

19.561min (+ 0.139) 0.03 ng/u1

response 1714

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	41.06#
100.00	12.00	17.37#
0.00	0.00	0.00

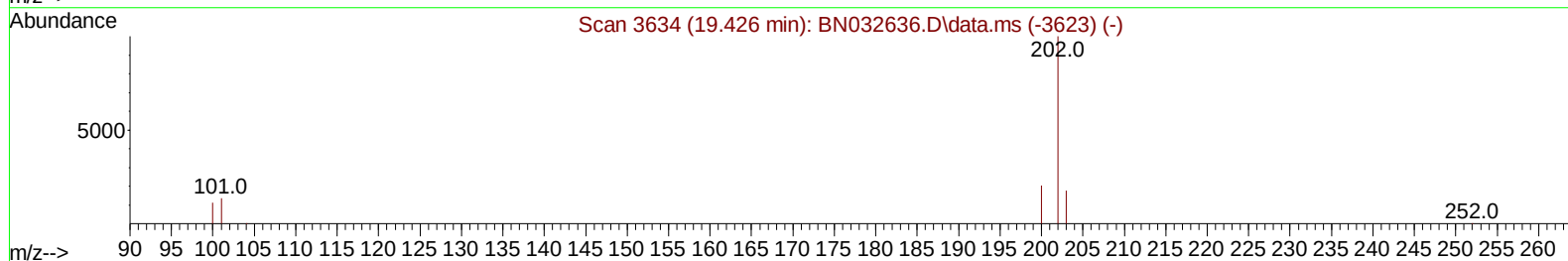
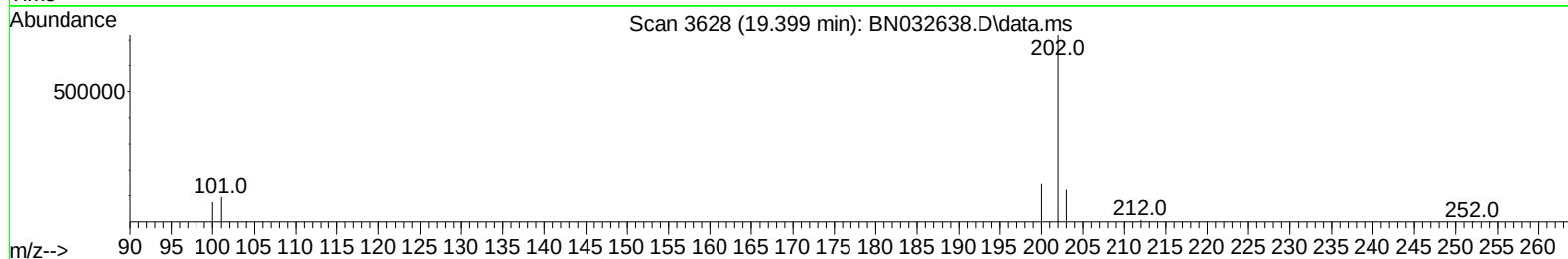
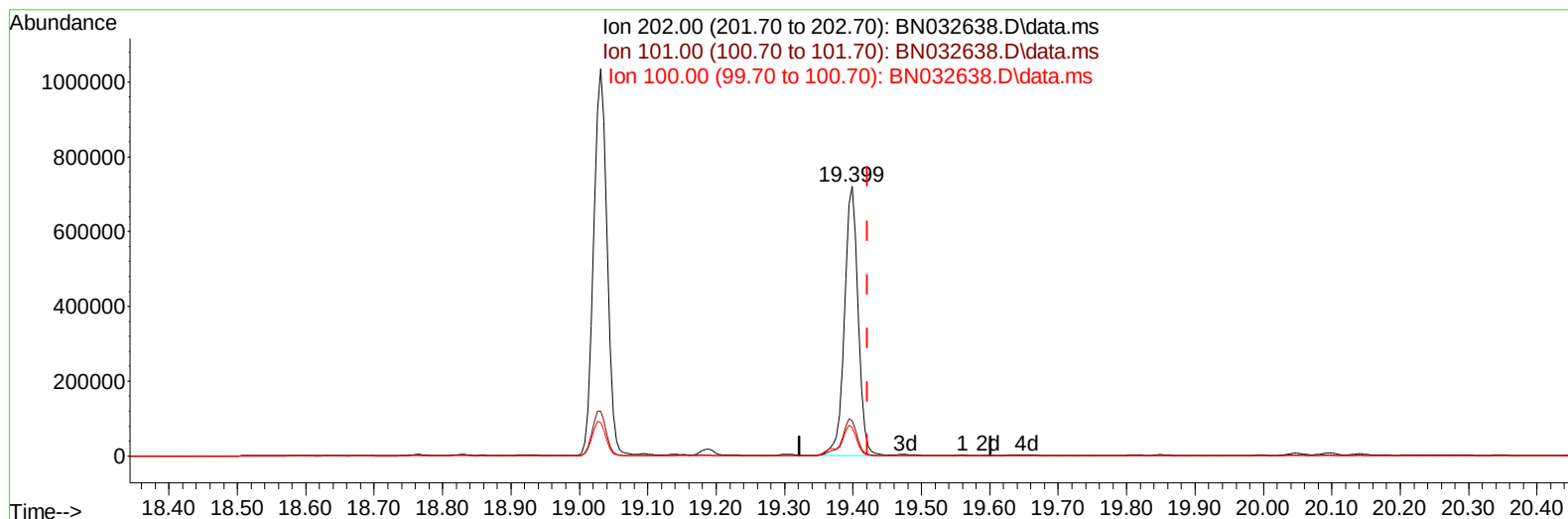
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(20) Pyrene

19.399min (-0.023) 14.91 ng/ul m

response 1000328

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.20
100.00	12.00	10.63
0.00	0.00	0.00

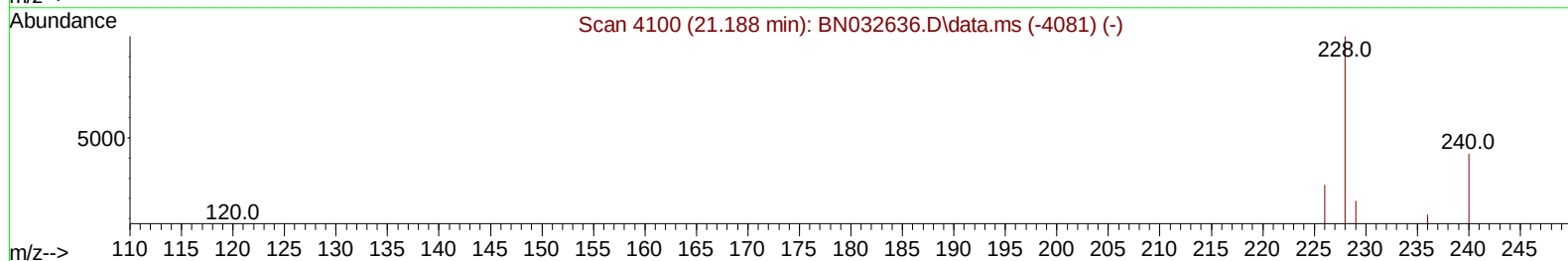
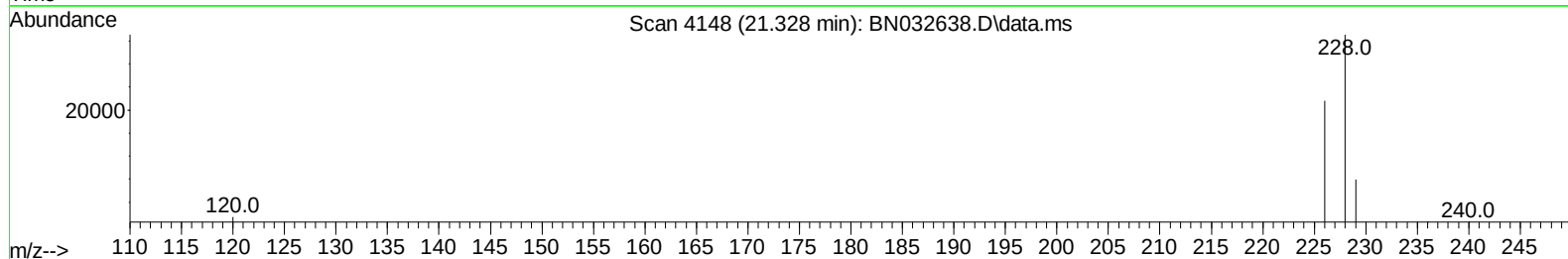
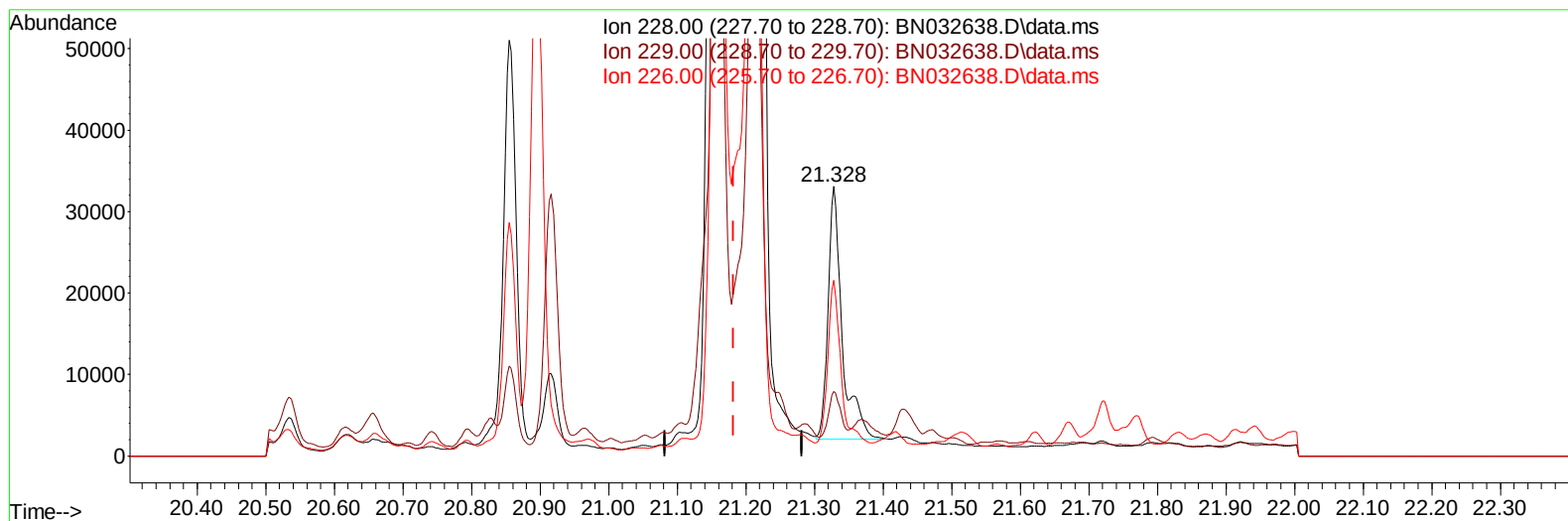
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(21) Benzo(a)anthracene

21.328min (+ 0.146) 0.88 ng/u1

response 44601

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	24.02
226.00	27.40	65.25#
0.00	0.00	0.00

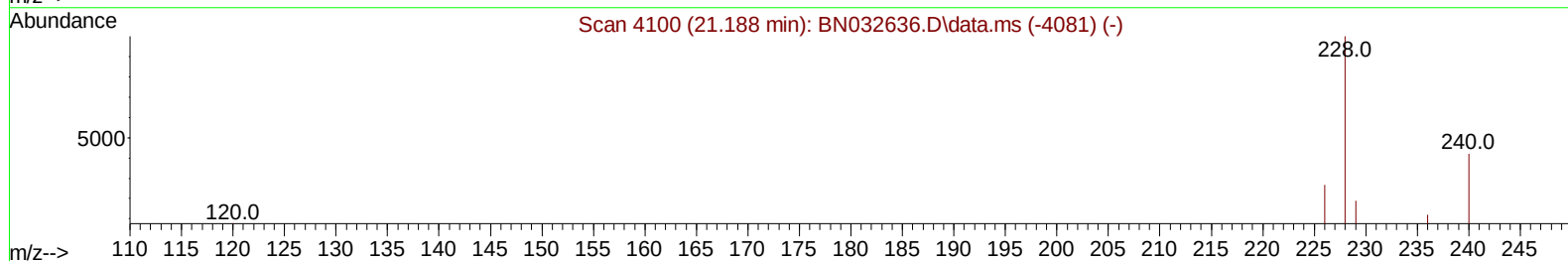
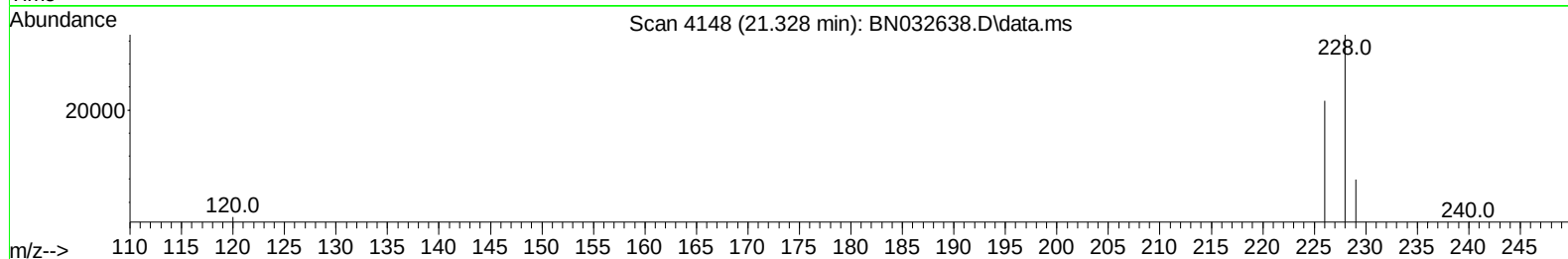
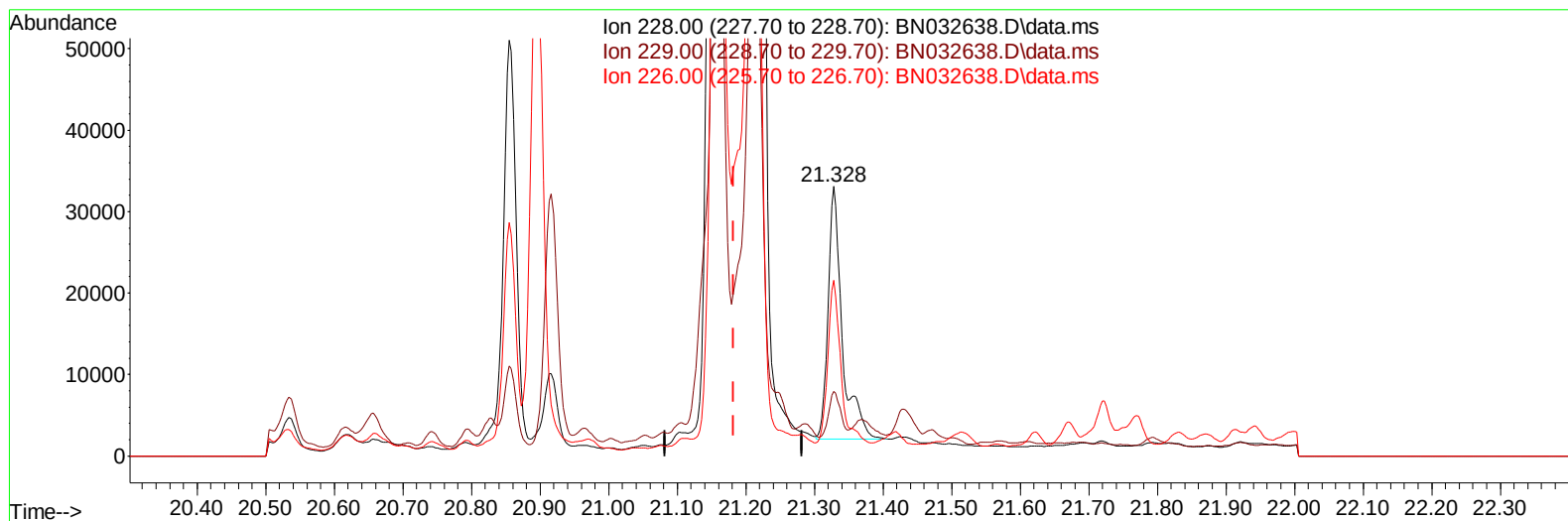
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(21) Benzo(a)anthracene

21.328min (+ 0.146) 0.88 ng/u1

response 44601

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	24.02
226.00	27.40	65.25#
0.00	0.00	0.00

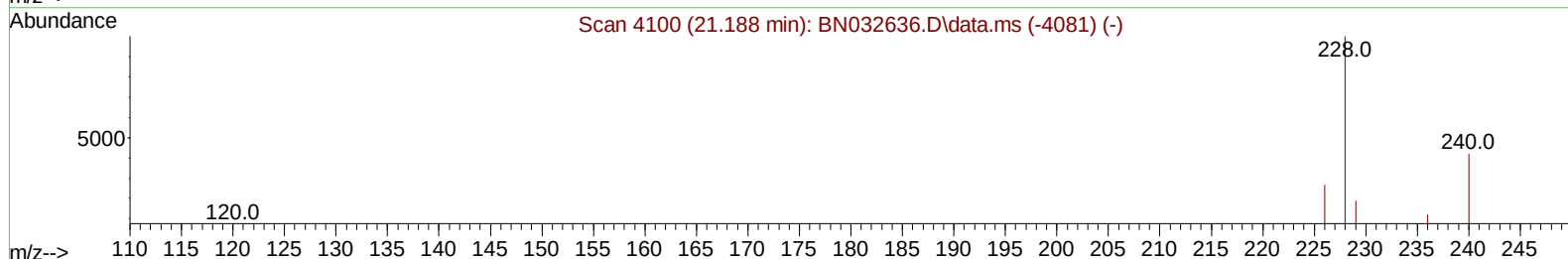
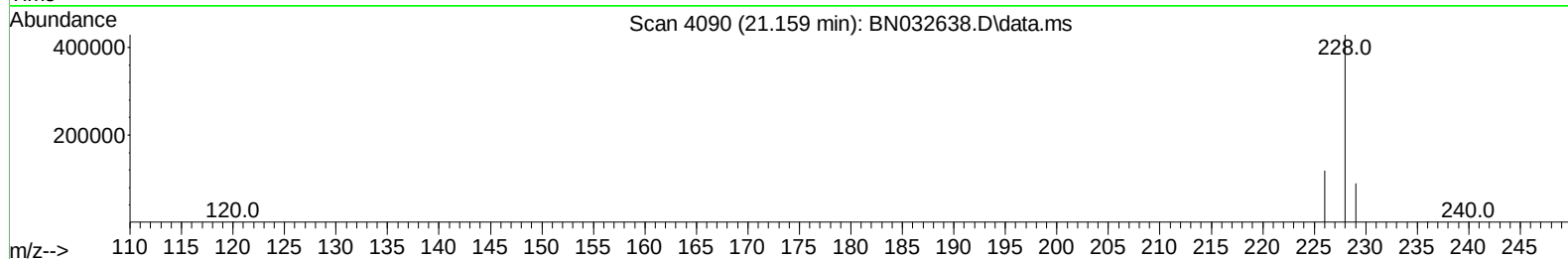
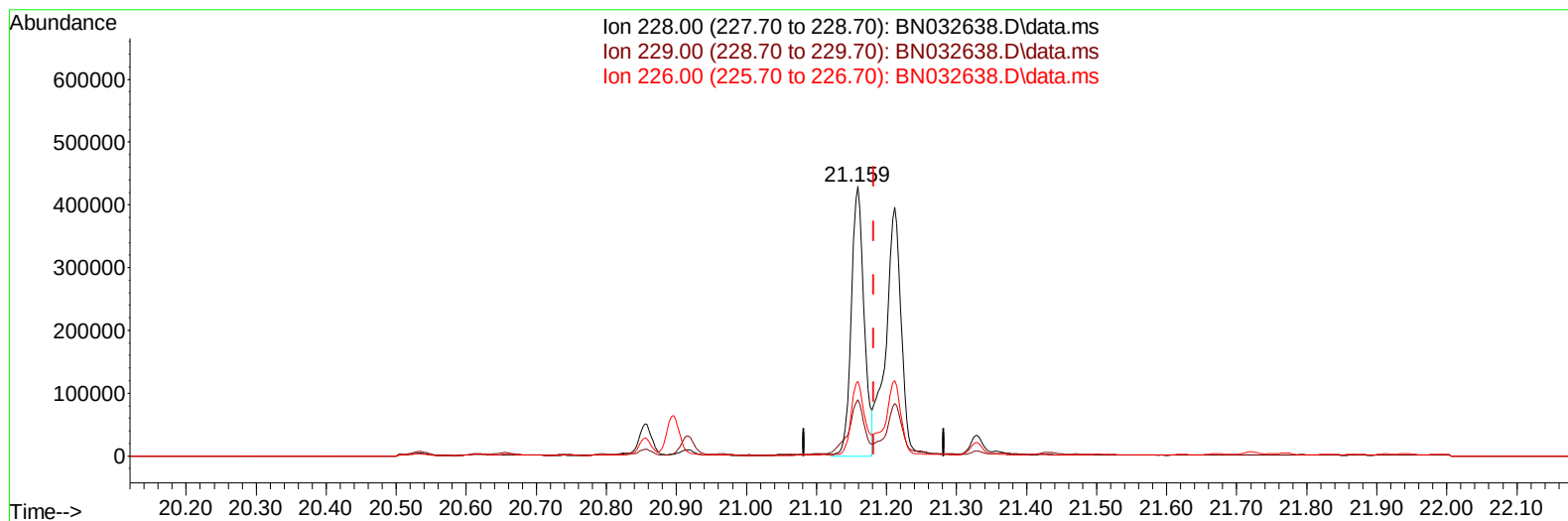
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(21) Benzo(a)anthracene

21.159min (-0.023) 10.82 ng/ul m

response 548841

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.90
226.00	27.40	27.73
0.00	0.00	0.00

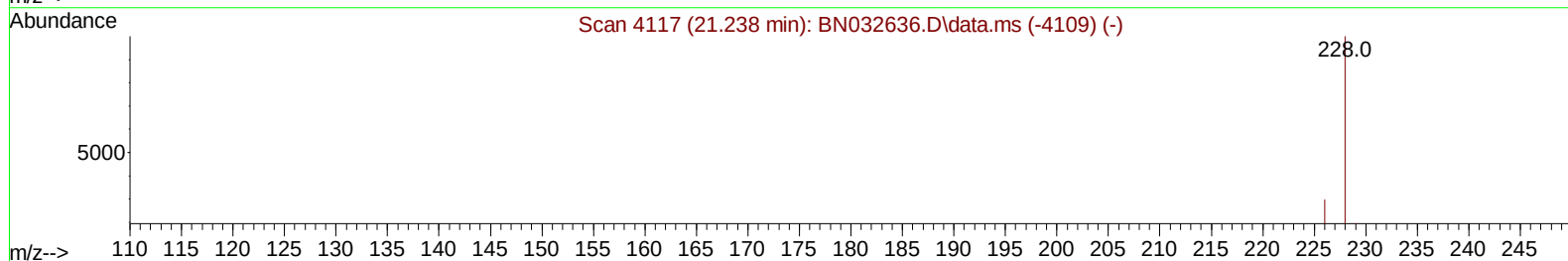
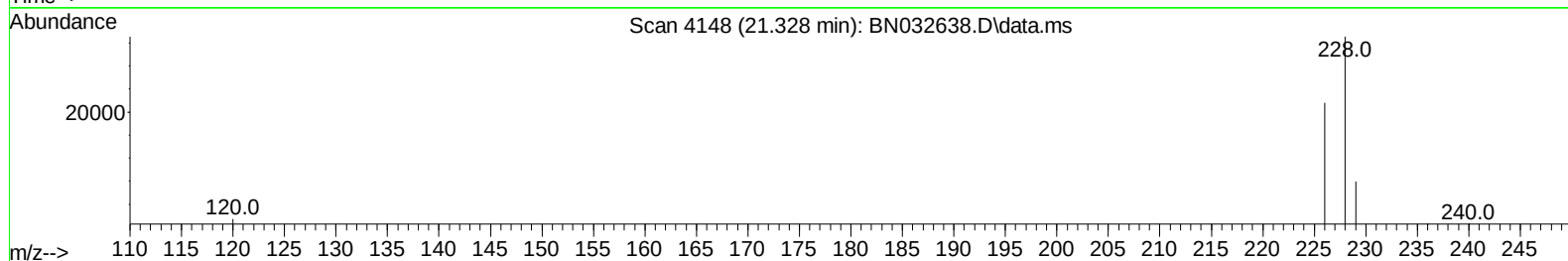
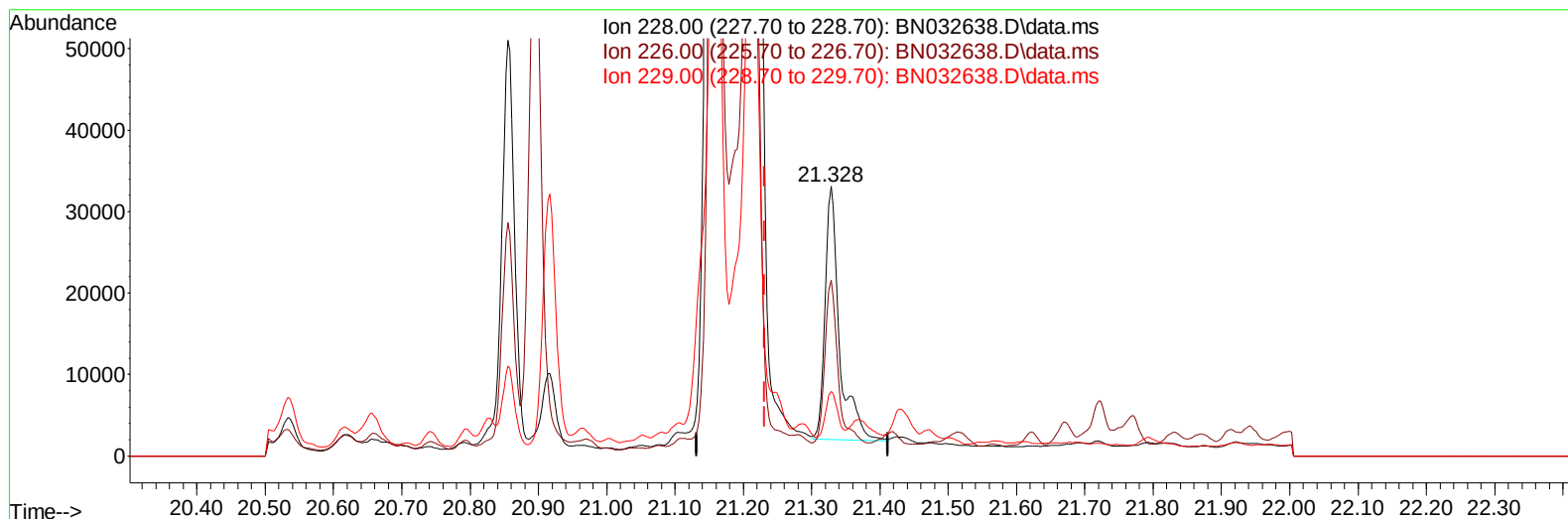
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
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TIC: BN032638.D\data.ms

(22) Chrysene

21.328min (+ 0.096) 0.62 ng/u1

response 45714

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	65.25#
229.00	19.70	24.02#
0.00	0.00	0.00

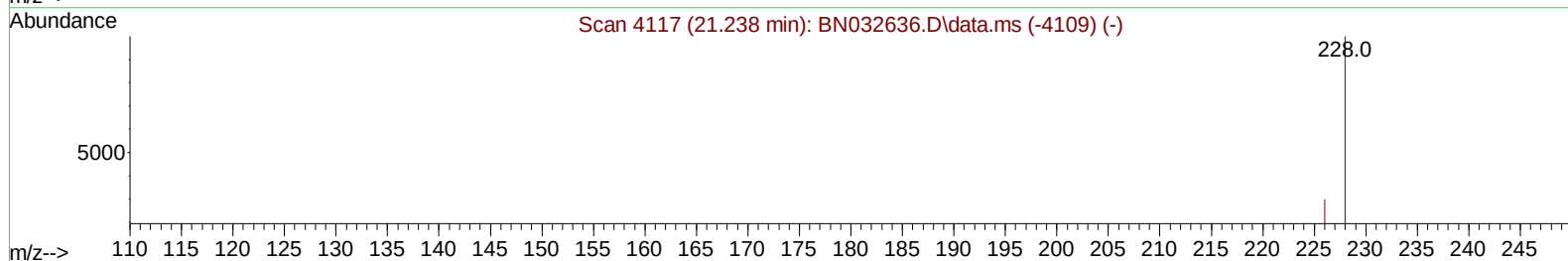
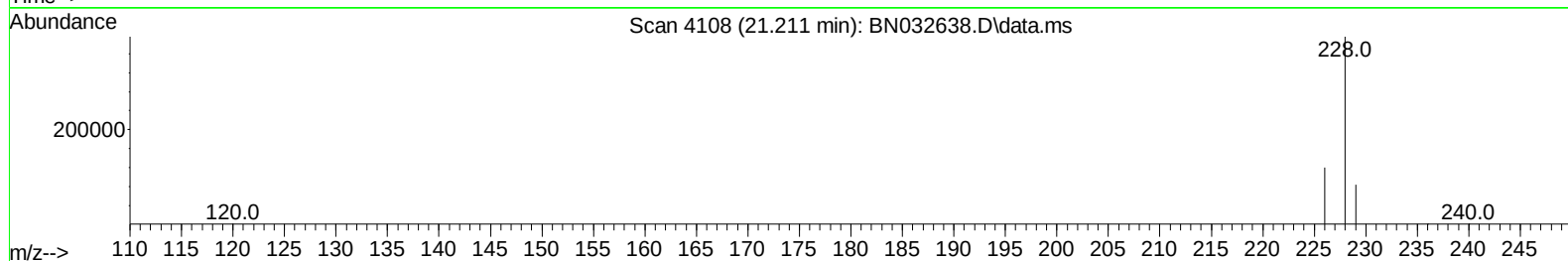
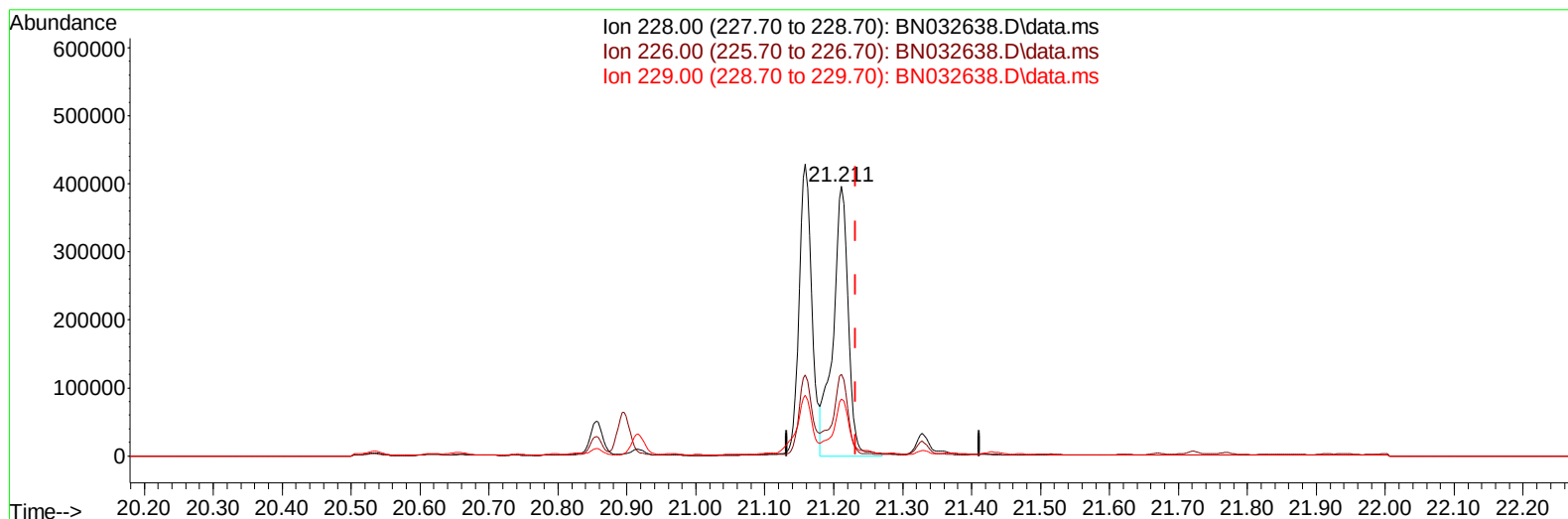
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(22) Chrysene

21.211min (-0.020) 8.38 ng/ul m

response 614926

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.25
229.00	19.70	21.21
0.00	0.00	0.00

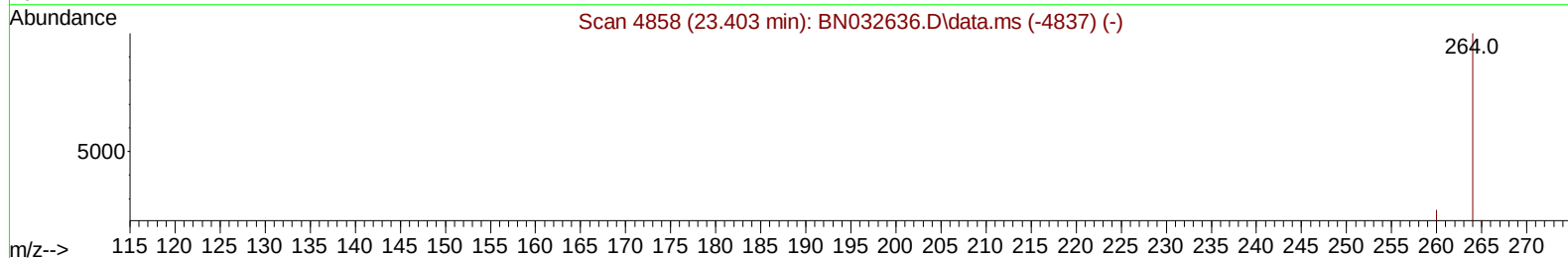
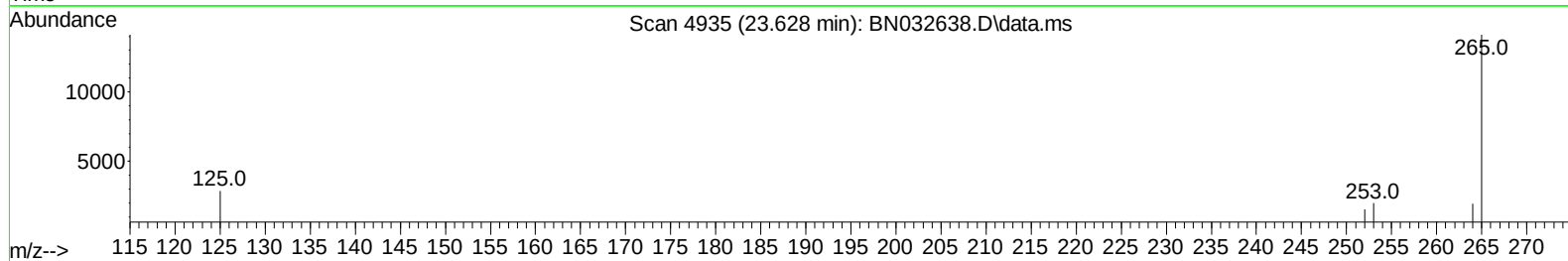
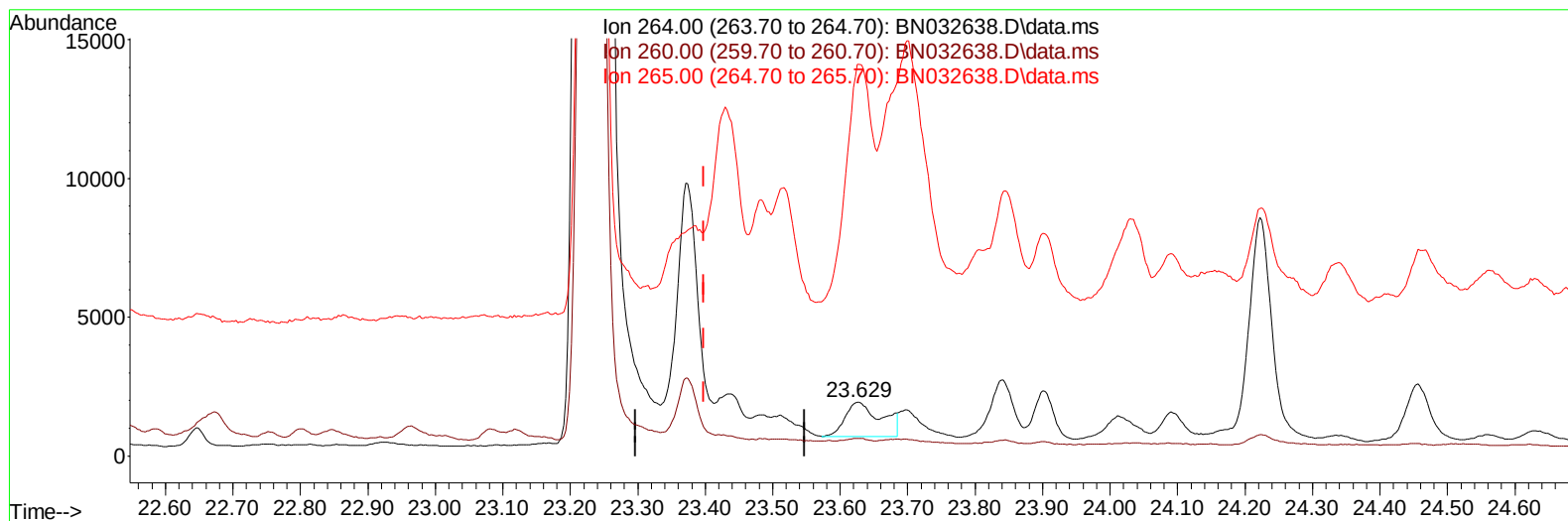
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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: BN032638.D\data.ms

(23) Perylene-d12 (I)

23.628min (+ 0.231) 0.40 ng/u1

response 4537

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	31.90#
265.00	95.50	725.01#
0.00	0.00	0.00

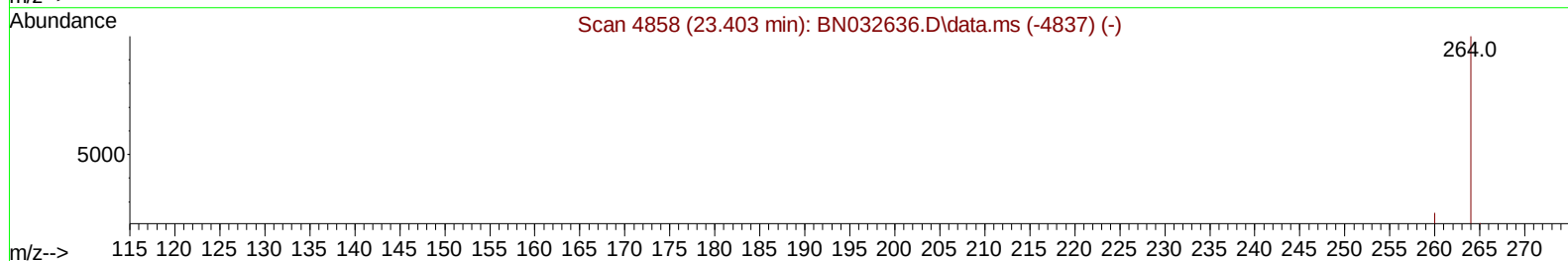
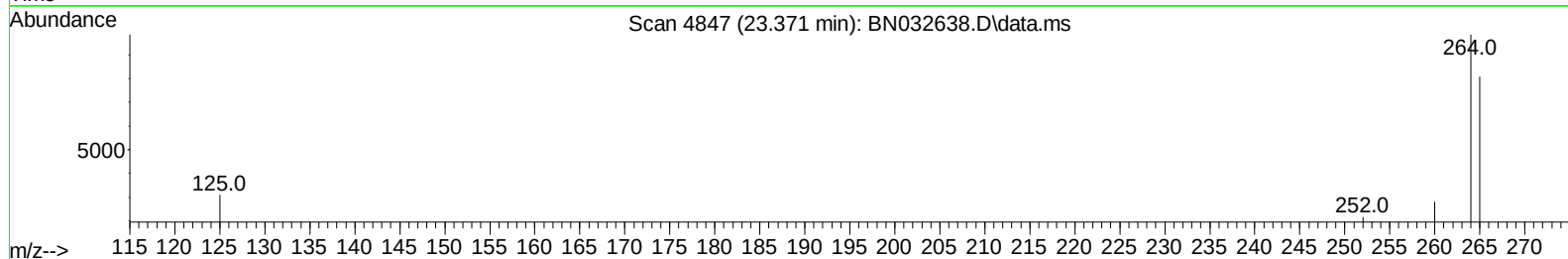
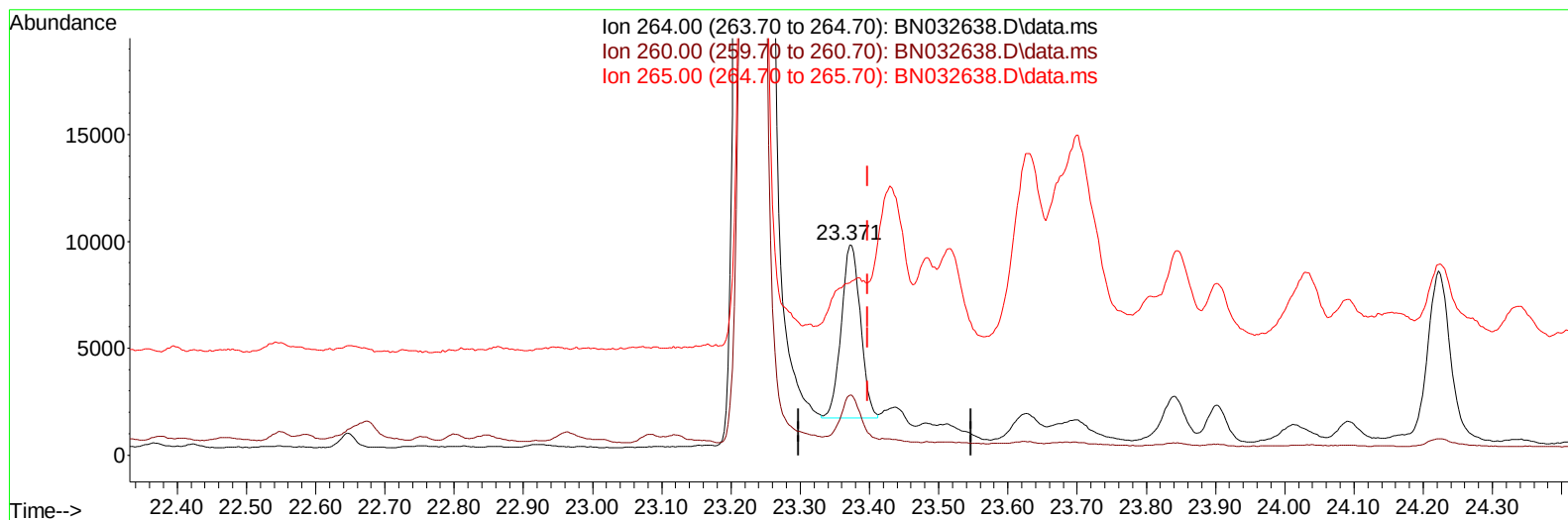
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(23) Perylene-d12 (I)

23.371min (-0.026) 0.40 ng/ul m

response 15534

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.63
265.00	95.50	82.01
0.00	0.00	0.00

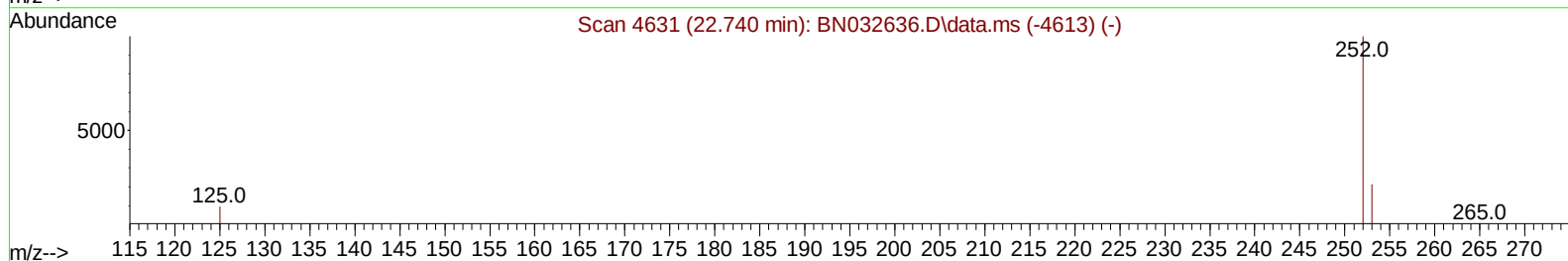
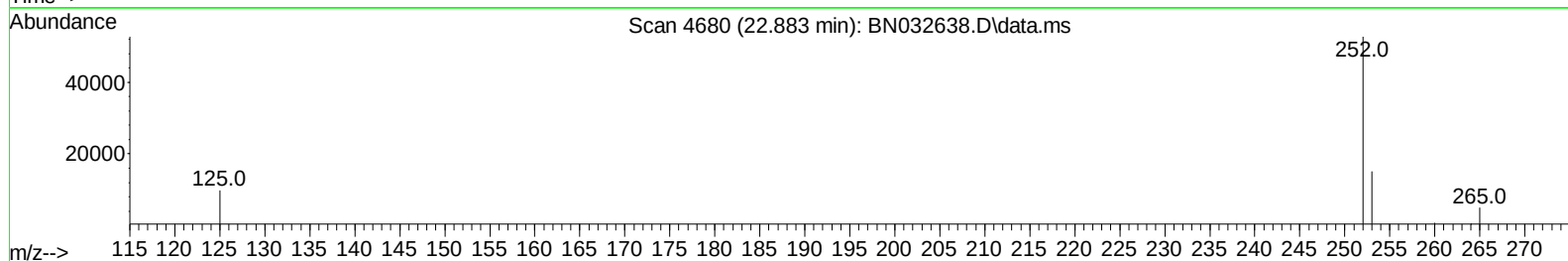
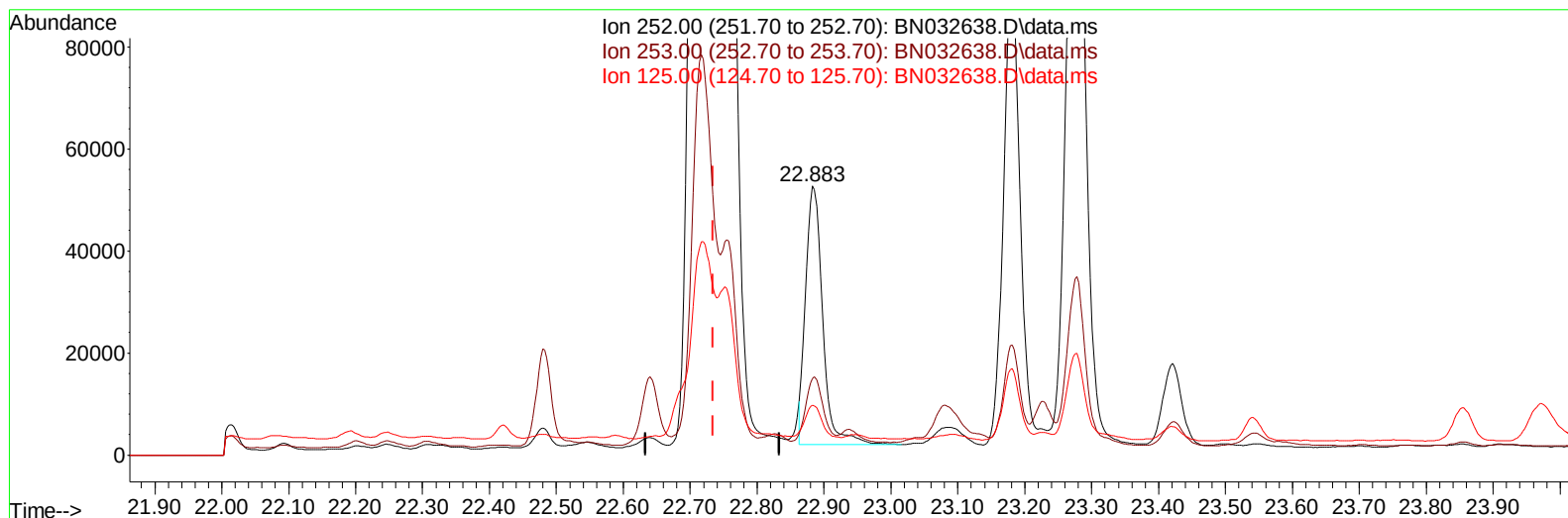
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(24) Benzo(b)fluoranthene

22.883min (+ 0.149) 1.64 ng/u1

response 90014

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	28.52
125.00	18.00	18.51
0.00	0.00	0.00

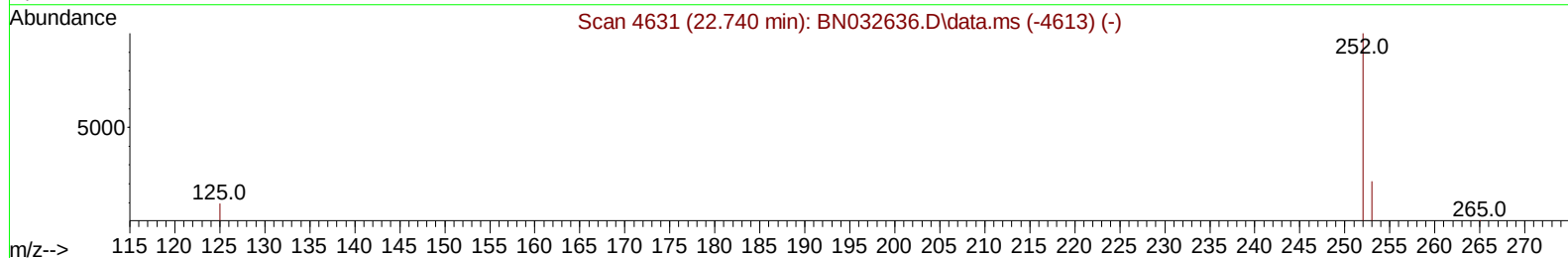
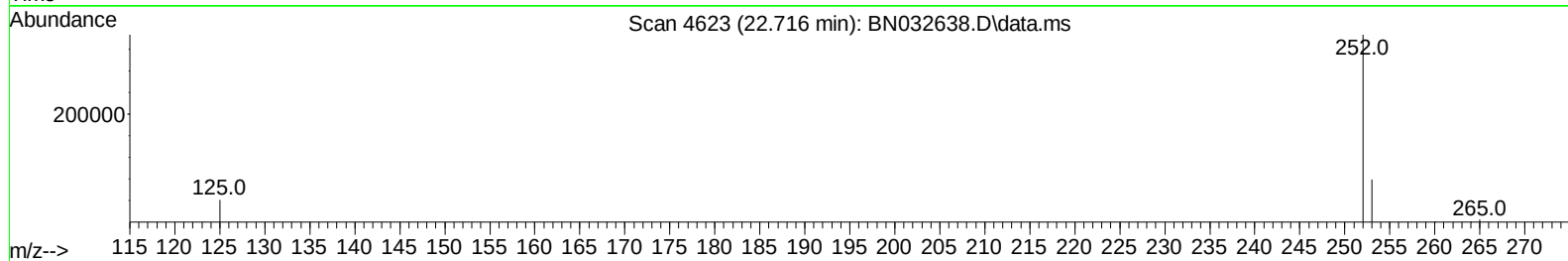
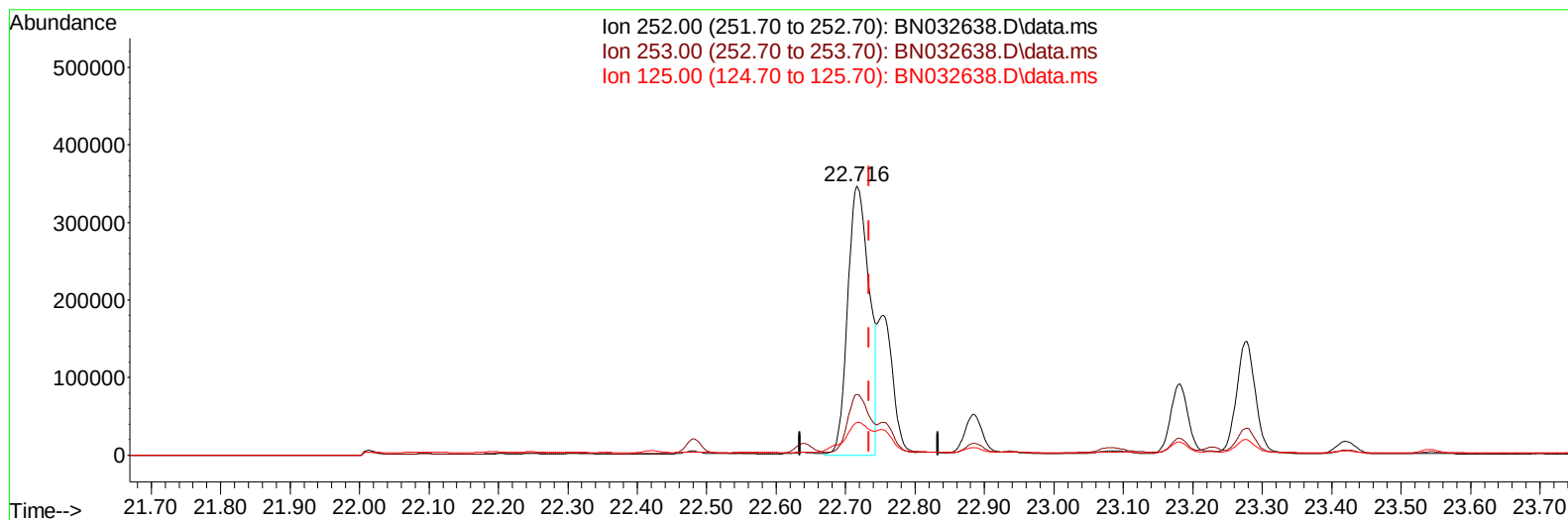
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032638.D\data.ms

(24) Benzo(b)fluoranthene

22.716min (-0.018) 13.61 ng/ul m

response 745898

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.65
125.00	18.00	12.05
0.00	0.00	0.00

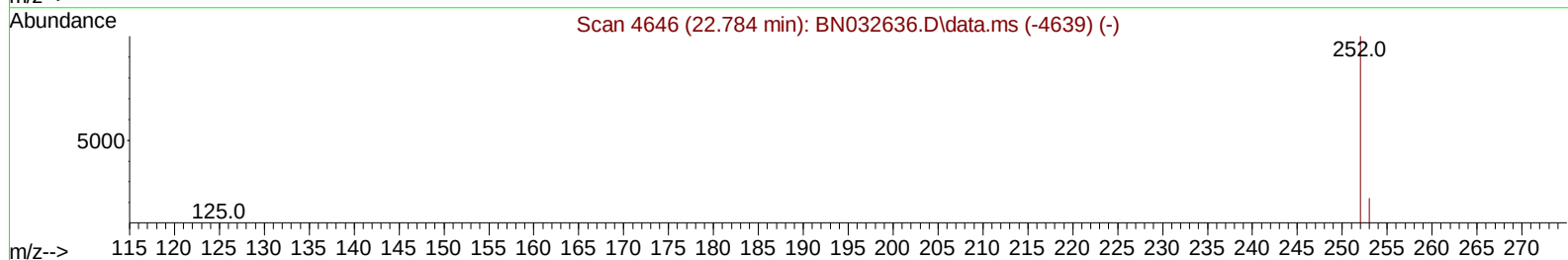
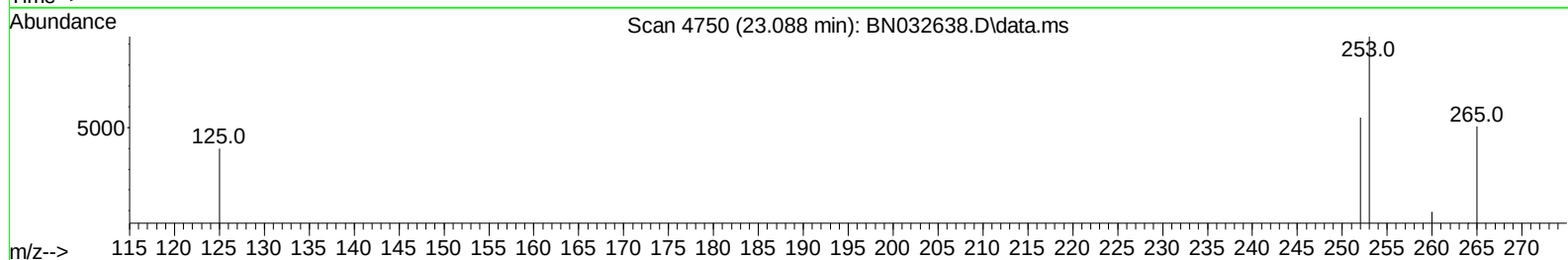
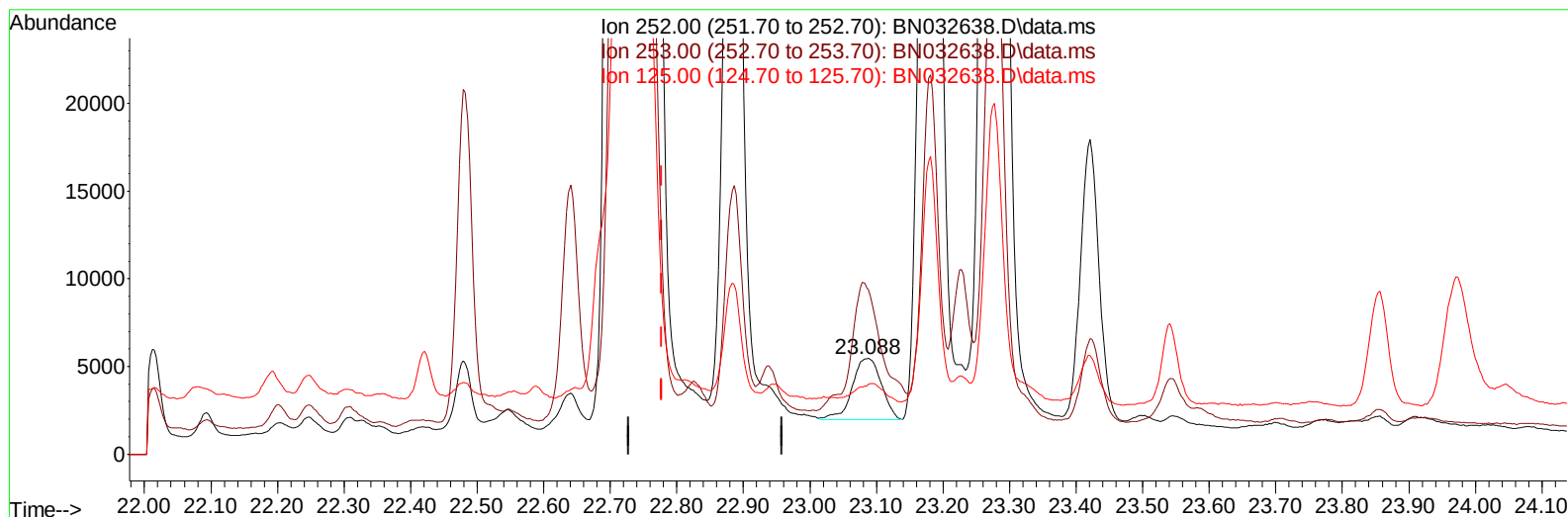
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(25) Benzo(k)fluoranthene

23.088min (+ 0.310) 0.16 ng/u1

response 10697

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	171.50#
125.00	18.50	73.12#
0.00	0.00	0.00

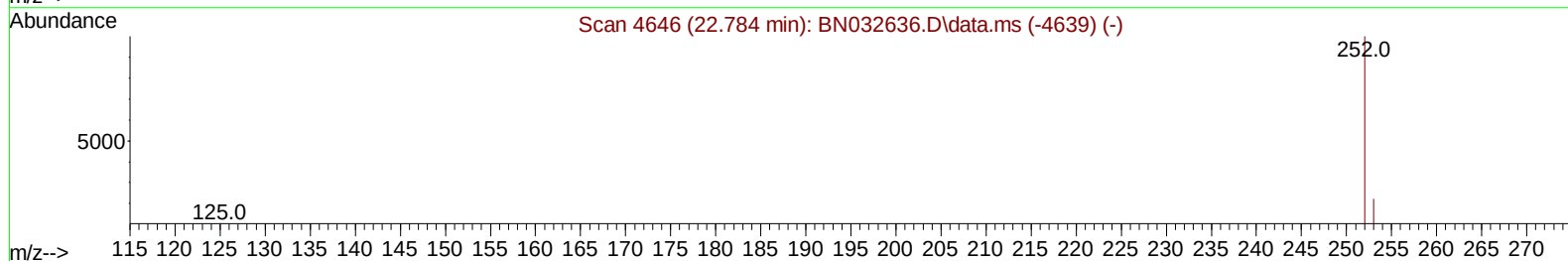
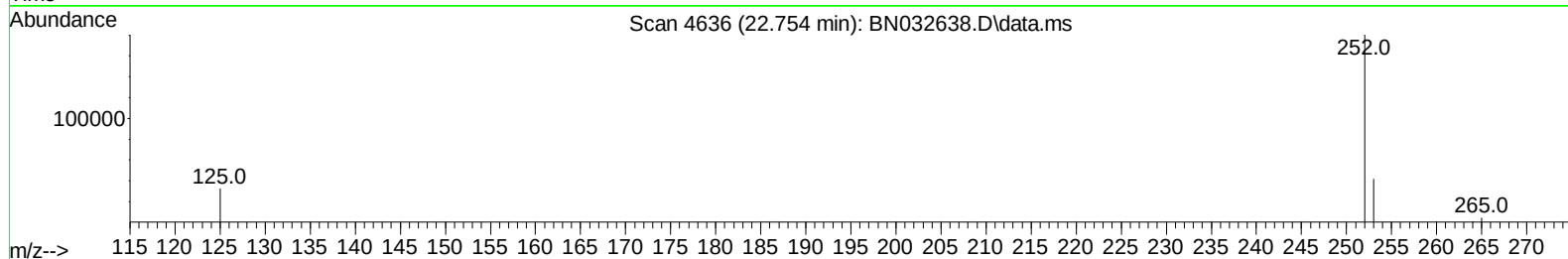
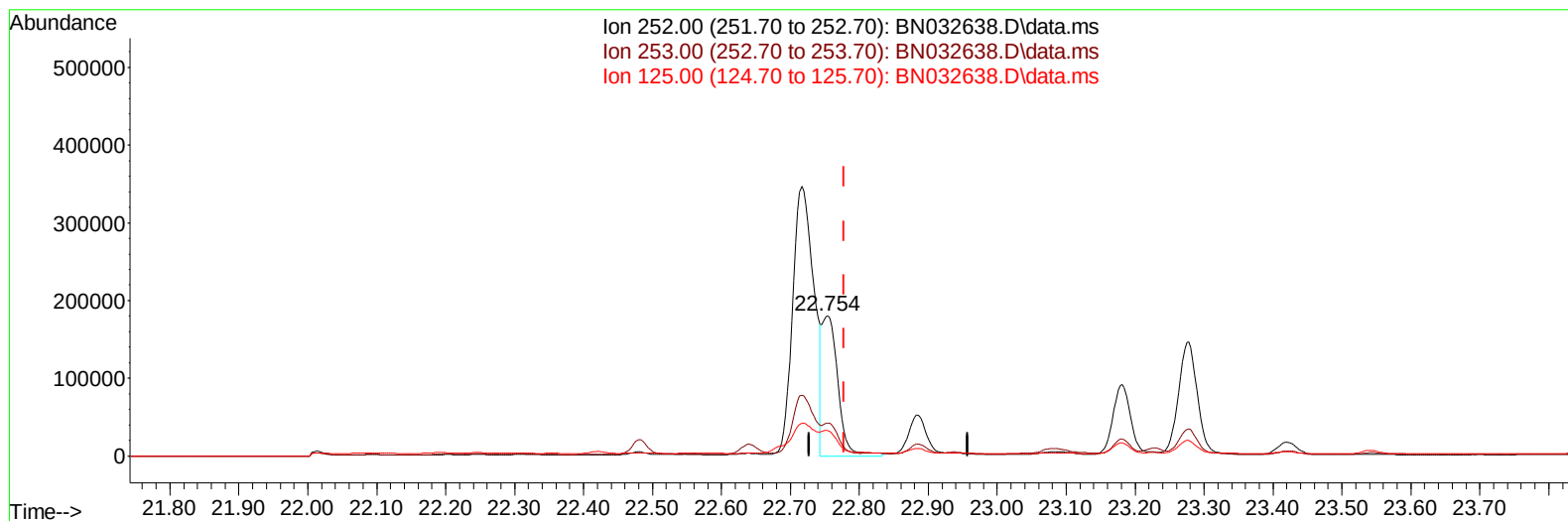
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032638.D\data.ms

(25) Benzo(k)fluoranthene

22.754min (-0.023) 4.39 ng/ul m

response 293051

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.39
125.00	18.50	18.10
0.00	0.00	0.00

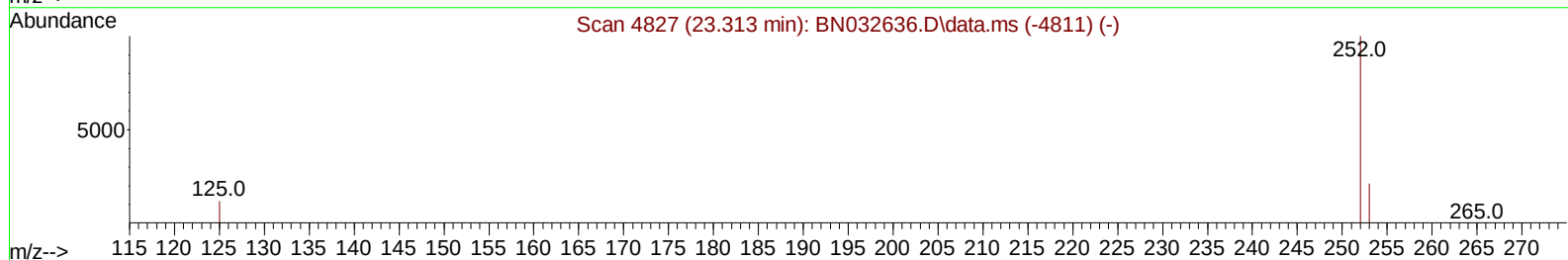
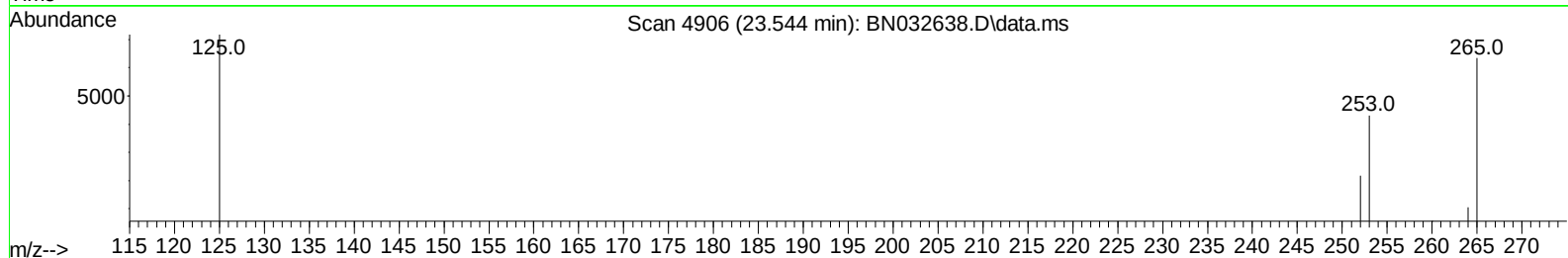
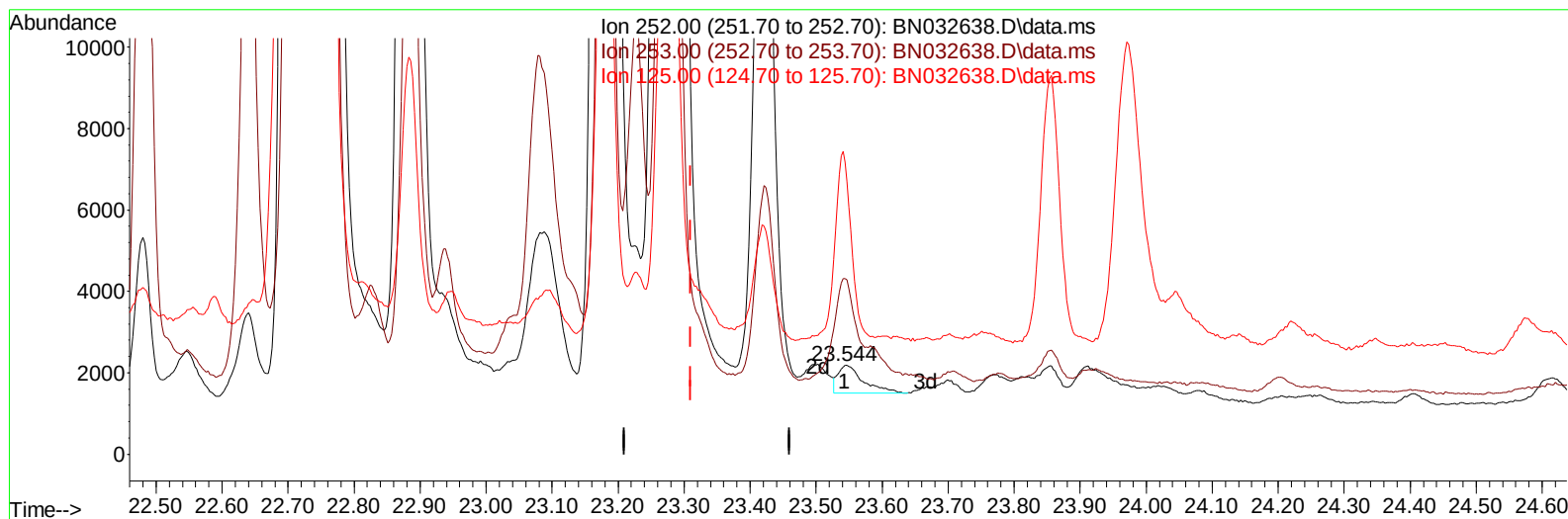
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
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TIC: BN032638.D\data.ms

(26) Benzo(a)pyrene (C)

23.544min (+ 0.234) 0.04 ng/u1

response 1872

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	197.48#
125.00	25.70	328.39#
0.00	0.00	0.00

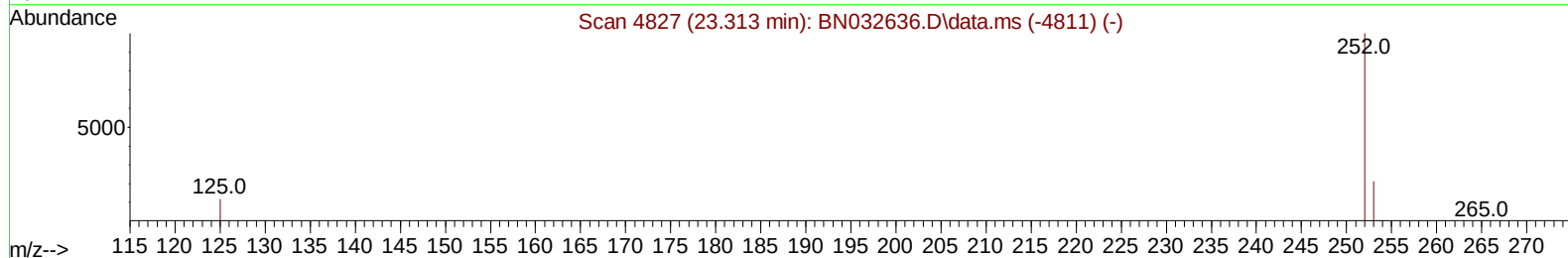
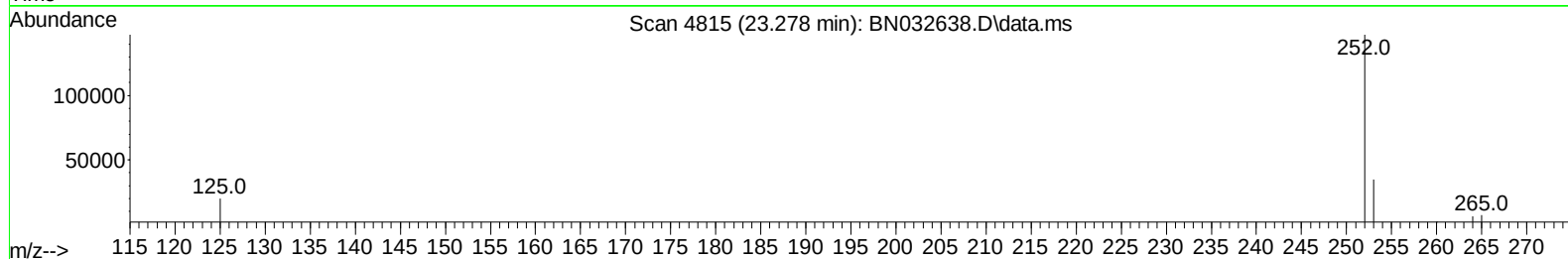
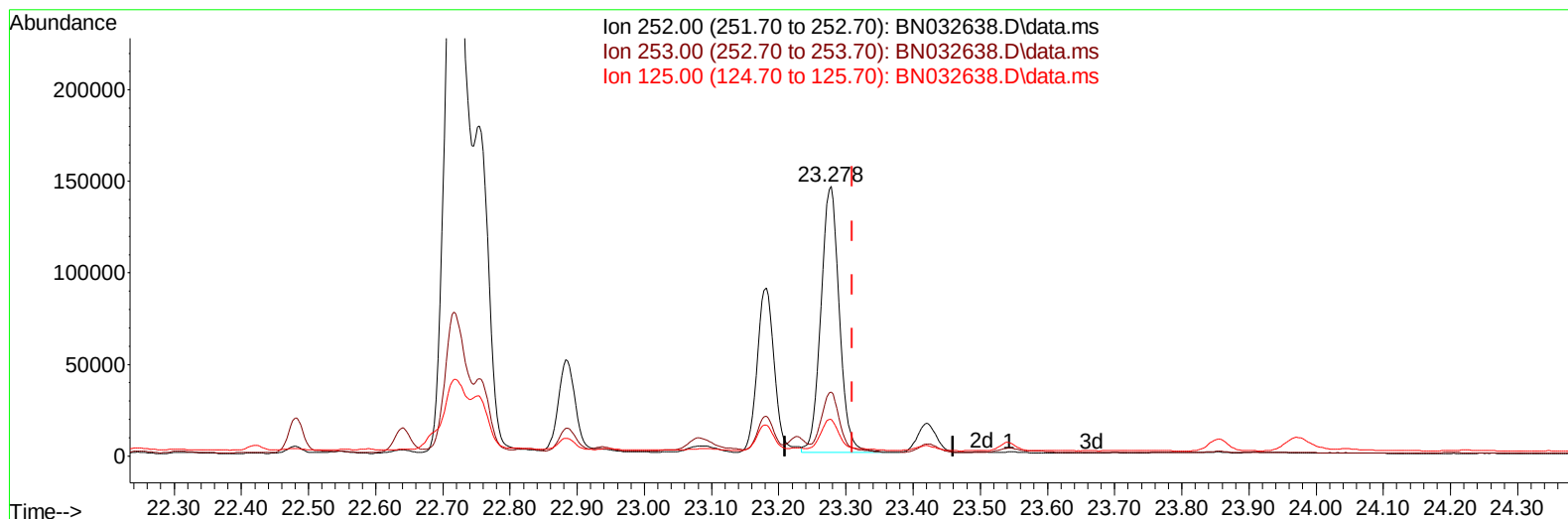
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(26) Benzo(a)pyrene (C)

23.278min (-0.032) 5.81 ng/ul m

response 275538

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.75#
125.00	25.70	13.59#
0.00	0.00	0.00

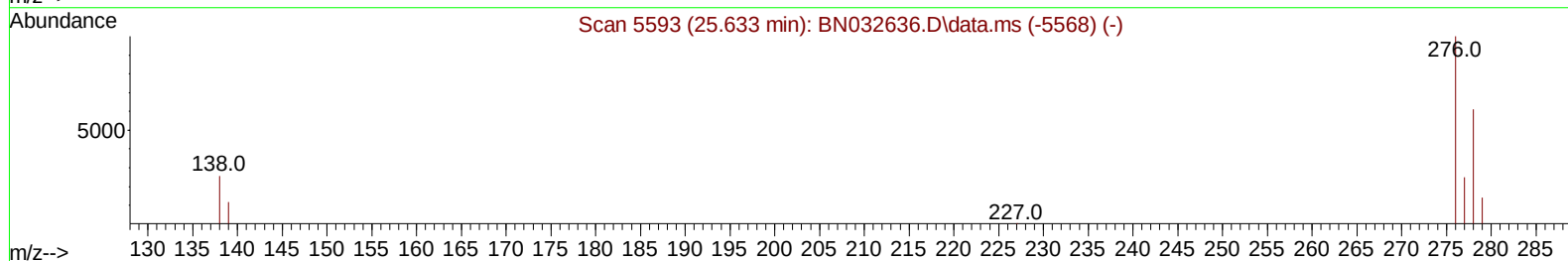
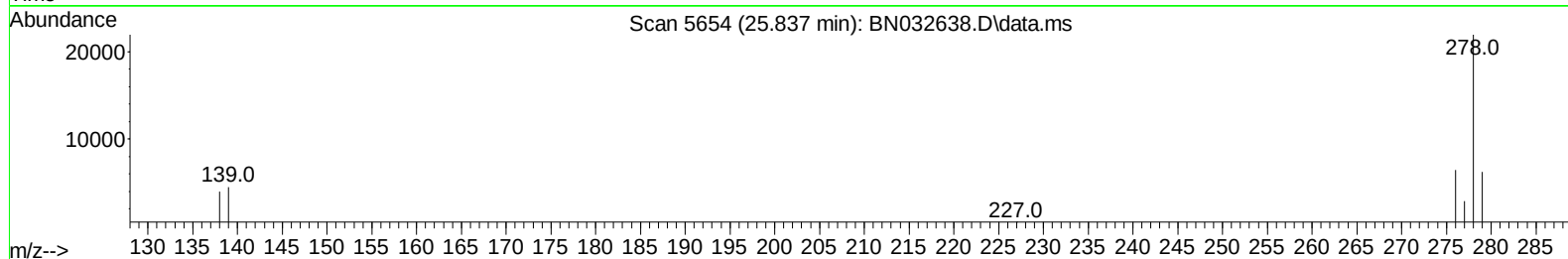
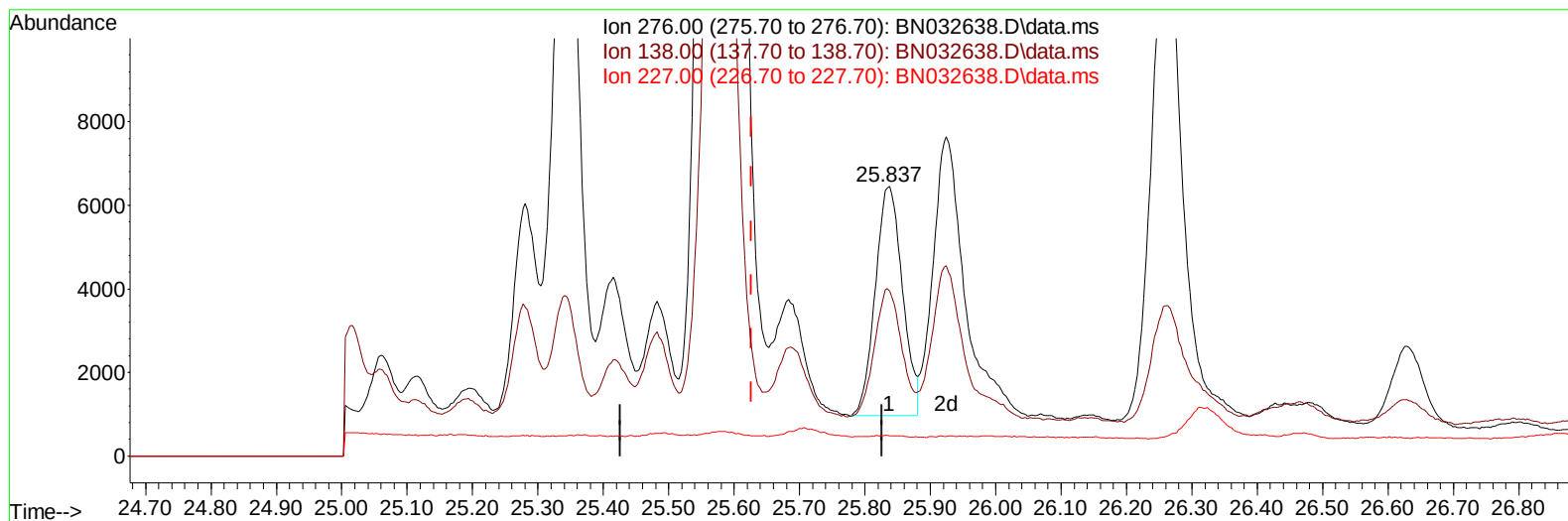
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032638.D
 Acq On : 11 Jul 2024 16:31
 Operator : MA/JU
 Sample : P3102-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

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

25.837min (+ 0.211) 0.25 ng/u1

response 15886

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	56.57#
227.00	0.00	0.30#
0.00	0.00	0.00

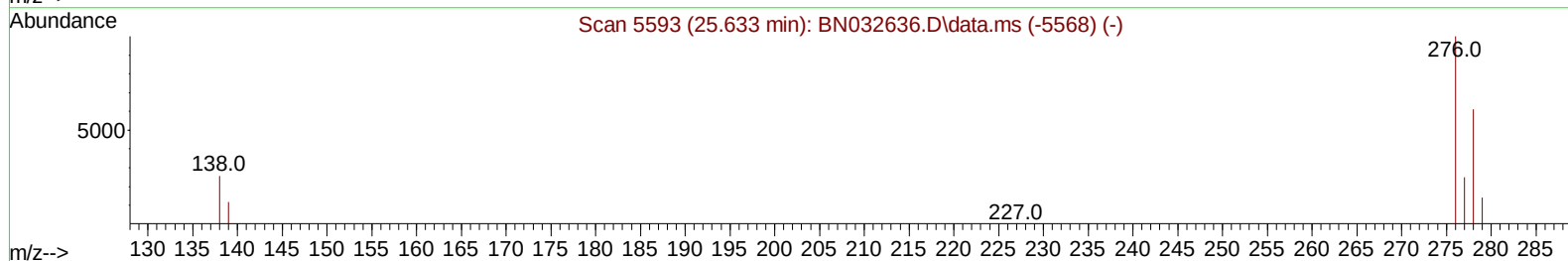
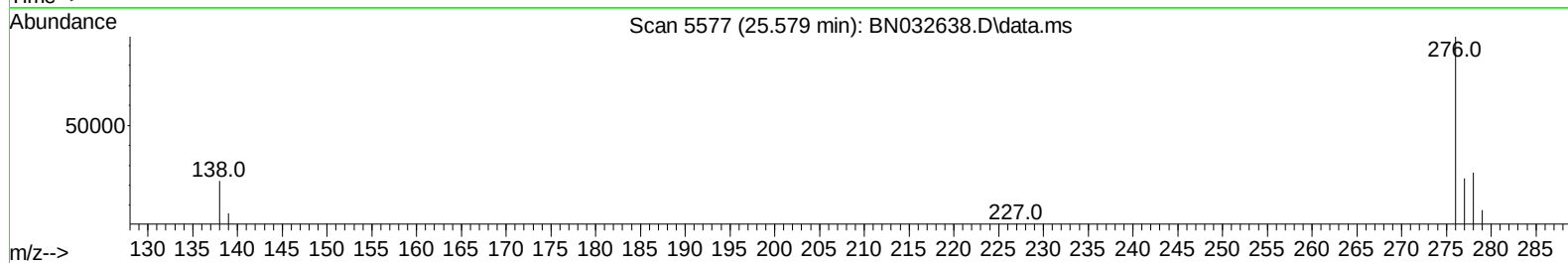
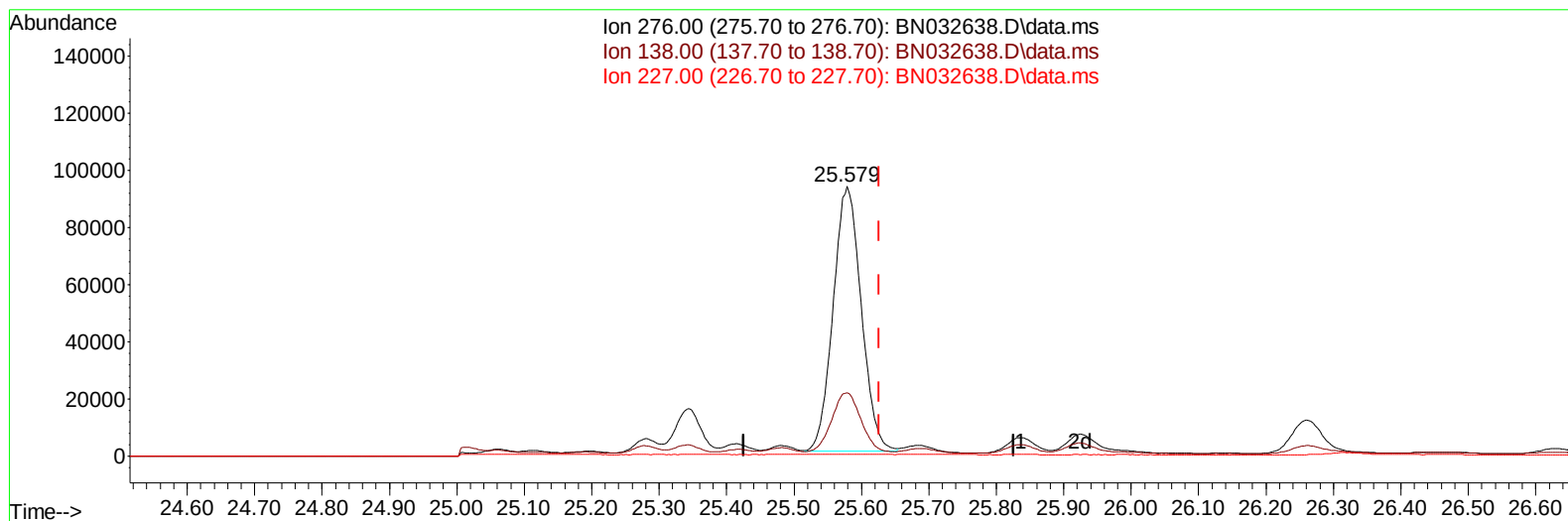
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

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

25.579min (-0.047) 4.17 ng/ul m

response 267948

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.35#
227.00	0.00	0.02#
0.00	0.00	0.00

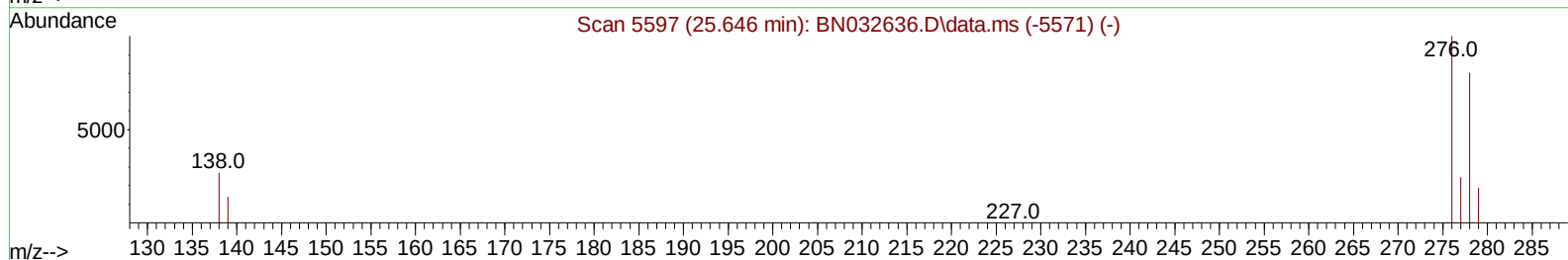
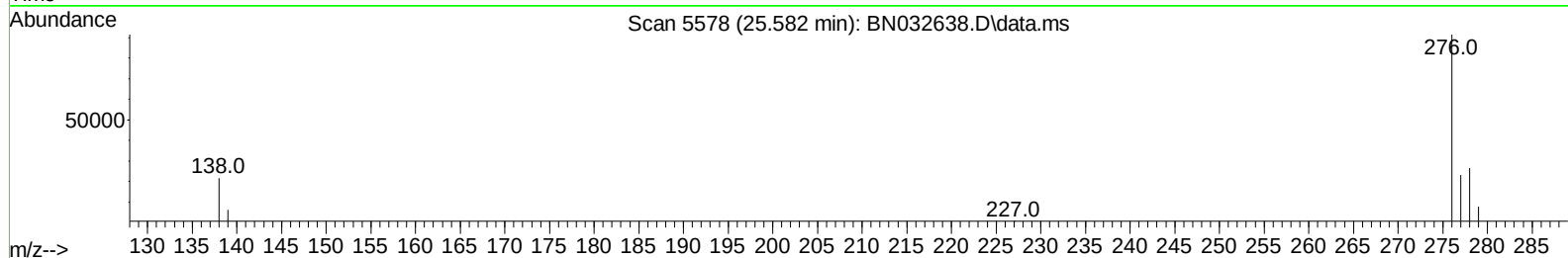
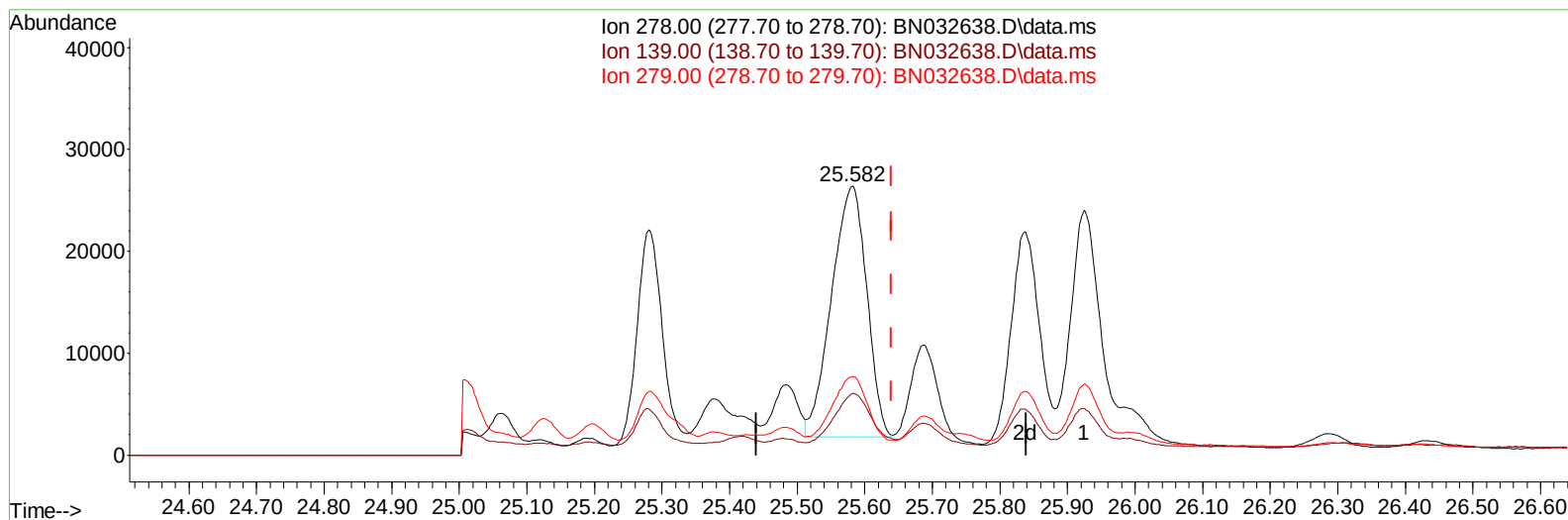
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

(28) Dibenzo(a,h)anthracene

25.582min (-0.057) 1.78 ng/ul m

response 88849

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.97
279.00	29.60	29.24
0.00	0.00	0.00

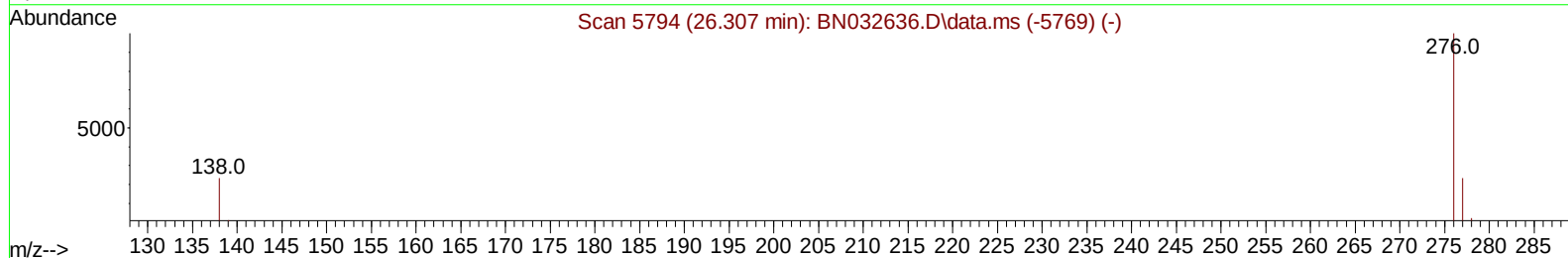
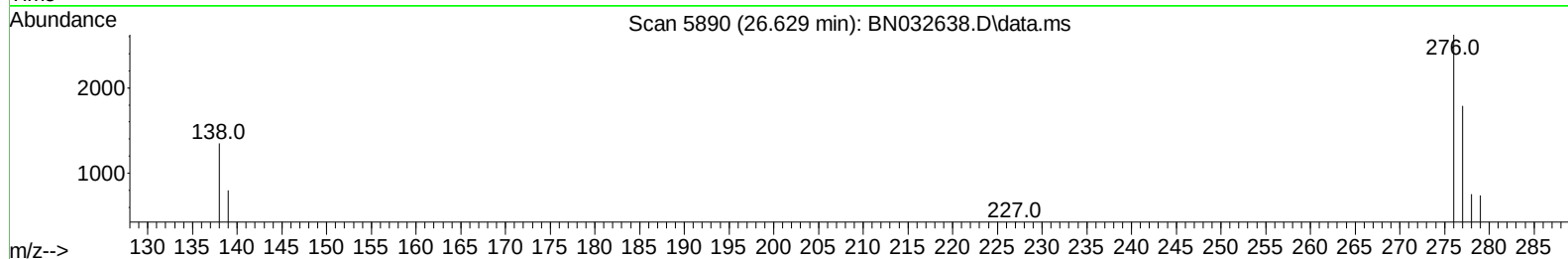
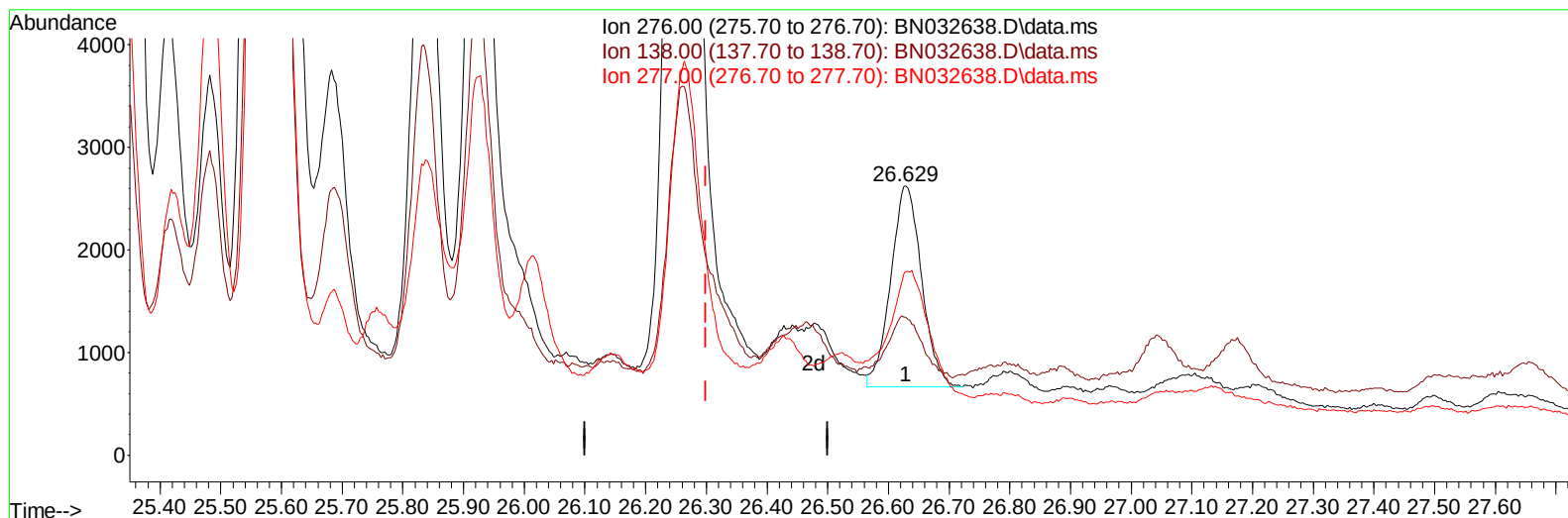
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

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TIC: BN032638.D\data.ms

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

26.629min (+ 0.329) 0.13 ng/u1

response 6896

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	51.41#
277.00	25.80	68.15#
0.00	0.00	0.00

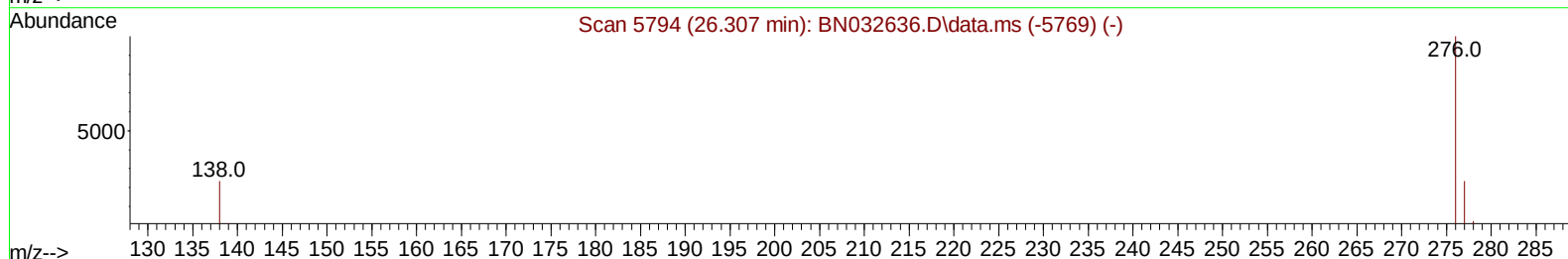
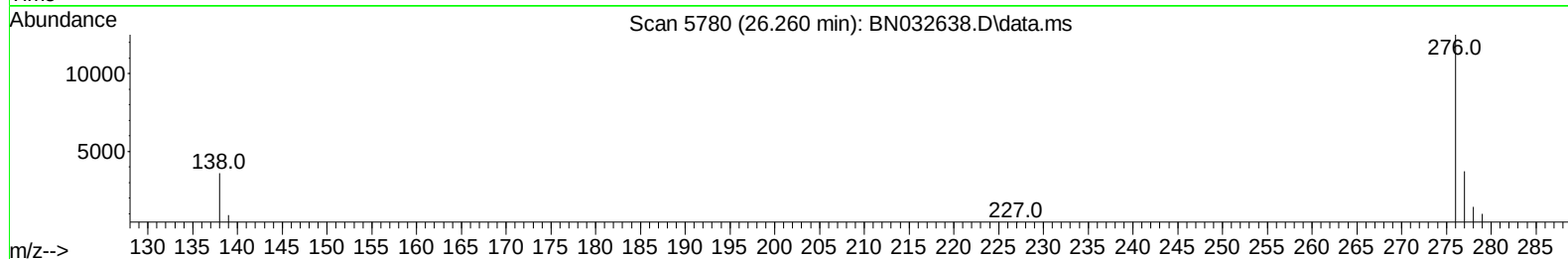
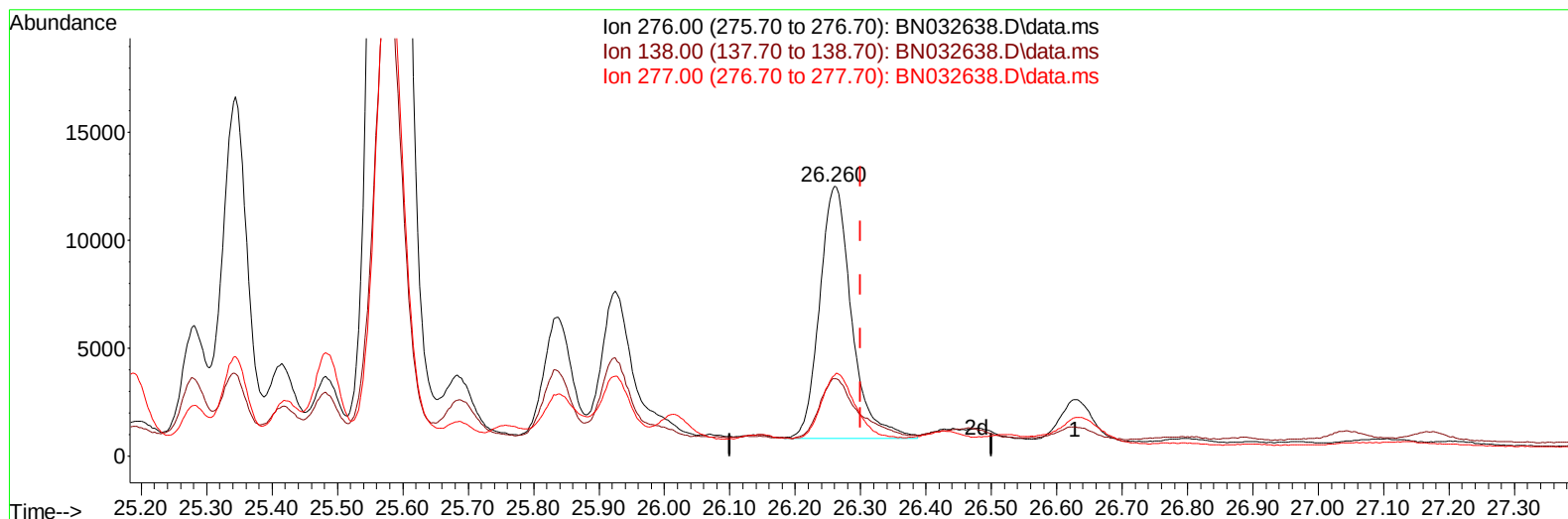
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Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:08 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032638.D\data.ms

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

26.260min (-0.040) 0.74 ng/ul m

response 39901

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	28.74
277.00	25.80	29.93
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032638.D
 Acq On : 11 Jul 2024 16:31
 Operator : MA/JU
 Sample : P3102-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	5586	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	18992	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	11795	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	25736m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.173	240	15939m	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	15534m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	21967	3.275	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	7045	0.245	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	15825m	0.305	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.376	128	21306	0.418	ng/ul	98
7) 2-Methylnaphthalene	12.015	142	8917	0.280	ng/ul	97
8) 1-Methylnaphthalene	12.235	142	7227	0.220	ng/ul	98
10) Acenaphthylene	13.925	152	35519	0.745	ng/ul	100
11) Acenaphthene	14.267	153	30010	0.762	ng/ul	99
12) Fluorene	15.262	166	35855	0.796	ng/ul	98
15) Phenanthrene	17.003	178	735416m	10.492	ng/ul	
16) Anthracene	17.092	178	136781m	2.389	ng/ul	
19) Fluoranthene	19.031	202	1417102m	21.867	ng/ul	
20) Pyrene	19.399	202	1000328m	14.913	ng/ul	
21) Benzo(a)anthracene	21.159	228	548841m	10.818	ng/ul	
22) Chrysene	21.211	228	614926m	8.378	ng/ul	
24) Benzo(b)fluoranthene	22.716	252	745898m	13.609	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	293051m	4.387	ng/ul	
26) Benzo(a)pyrene	23.278	252	275538m	5.809	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.579	276	267948m	4.172	ng/ul	
28) Dibenzo(a,h)anthracene	25.582	278	88849m	1.785	ng/ul	
29) Benzo(g,h,i)perylene	26.260	276	39901m	0.743	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
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Instrument :
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A4CE1

Manual IntegrationsAPPROVED

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