

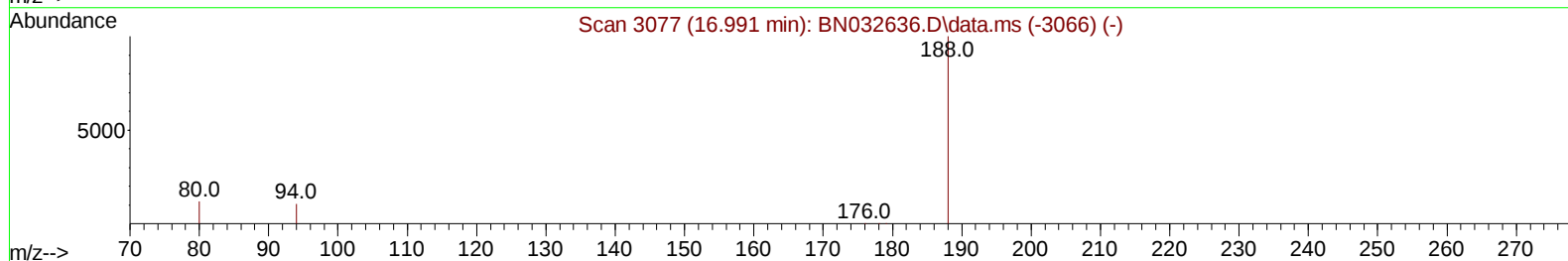
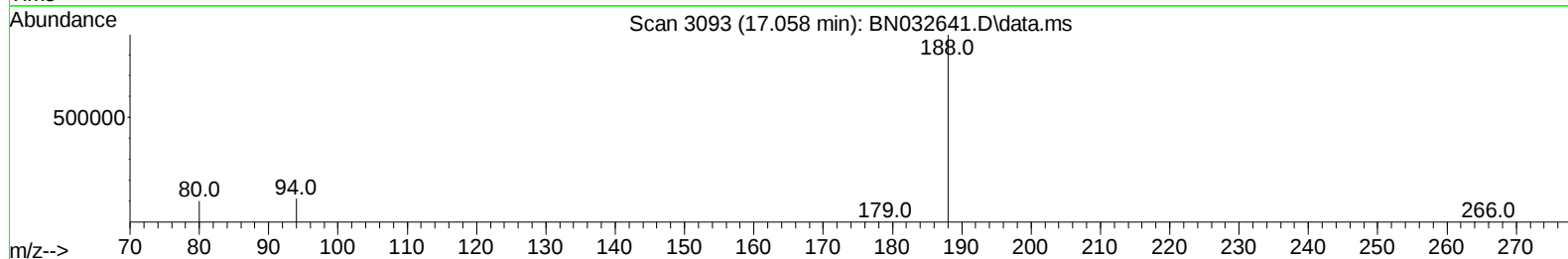
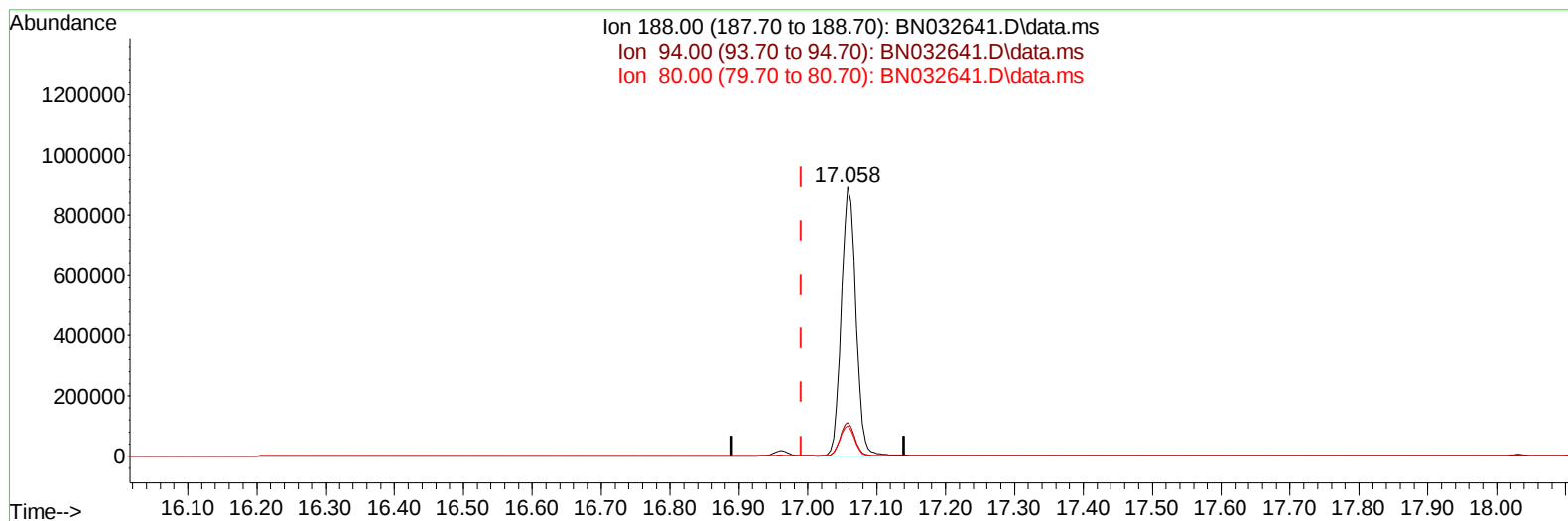
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(13) Phenanthrene-d10 (I)

17.058min (+ 0.068) 0.40 ng/u1

response 1309294

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.40
80.00	12.00	11.12
0.00	0.00	0.00

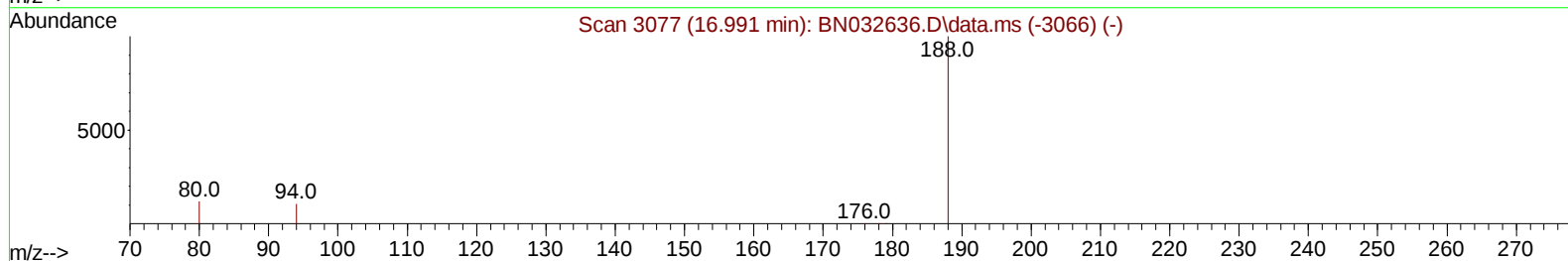
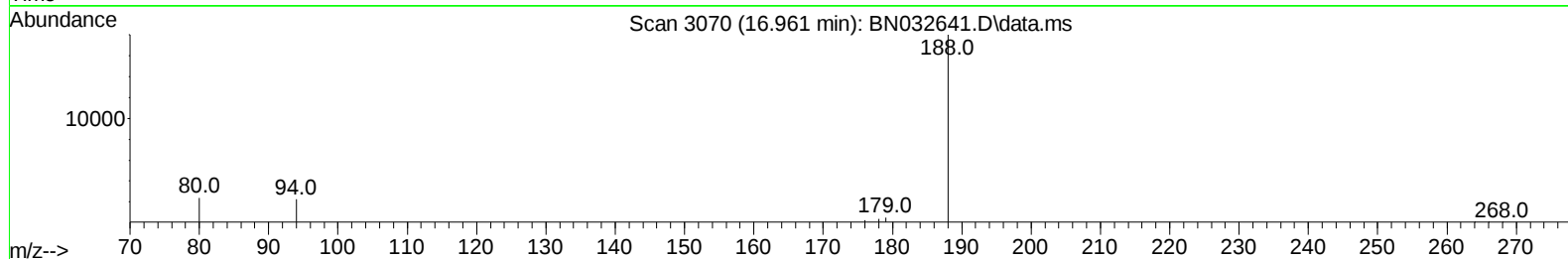
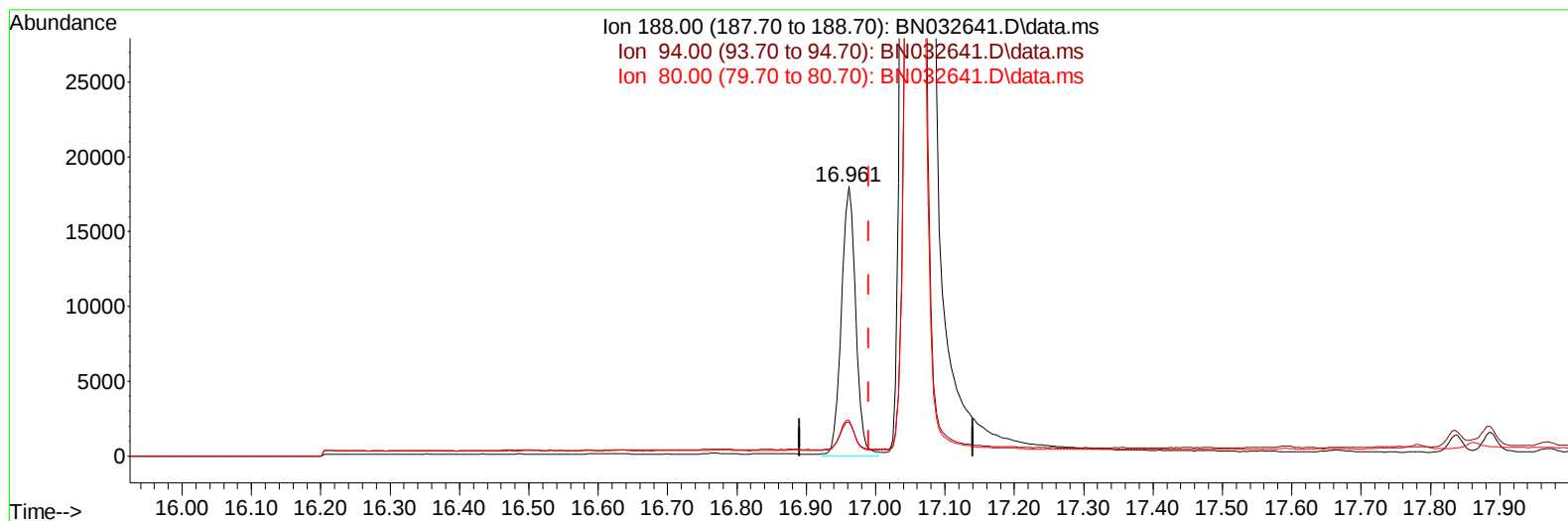
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(13) Phenanthrene-d10 (I)

16.961min (-0.029) 0.40 ng/ul m

response 25830

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.62
80.00	12.00	13.30
0.00	0.00	0.00

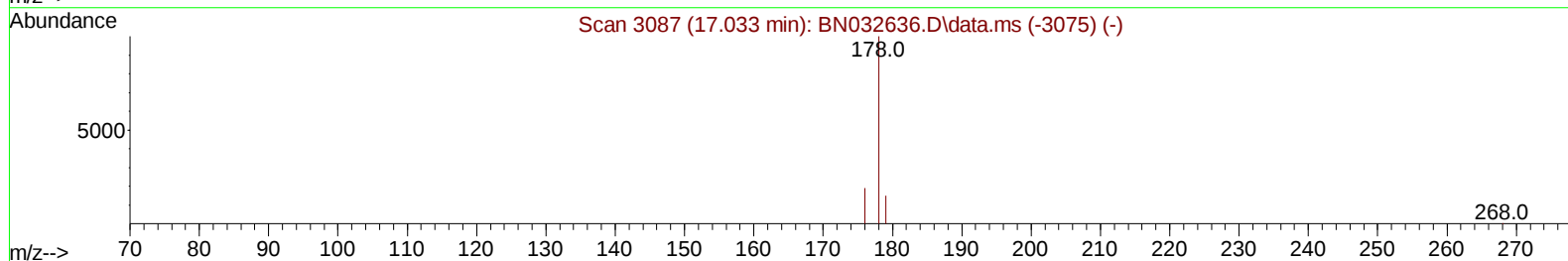
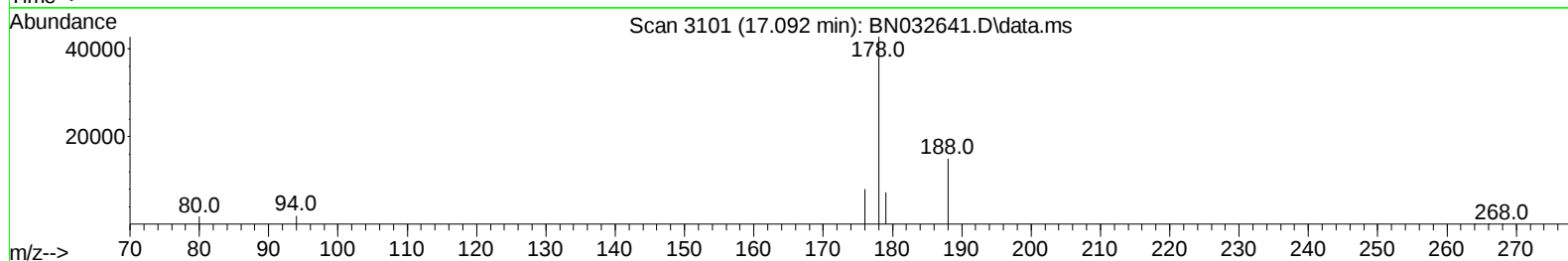
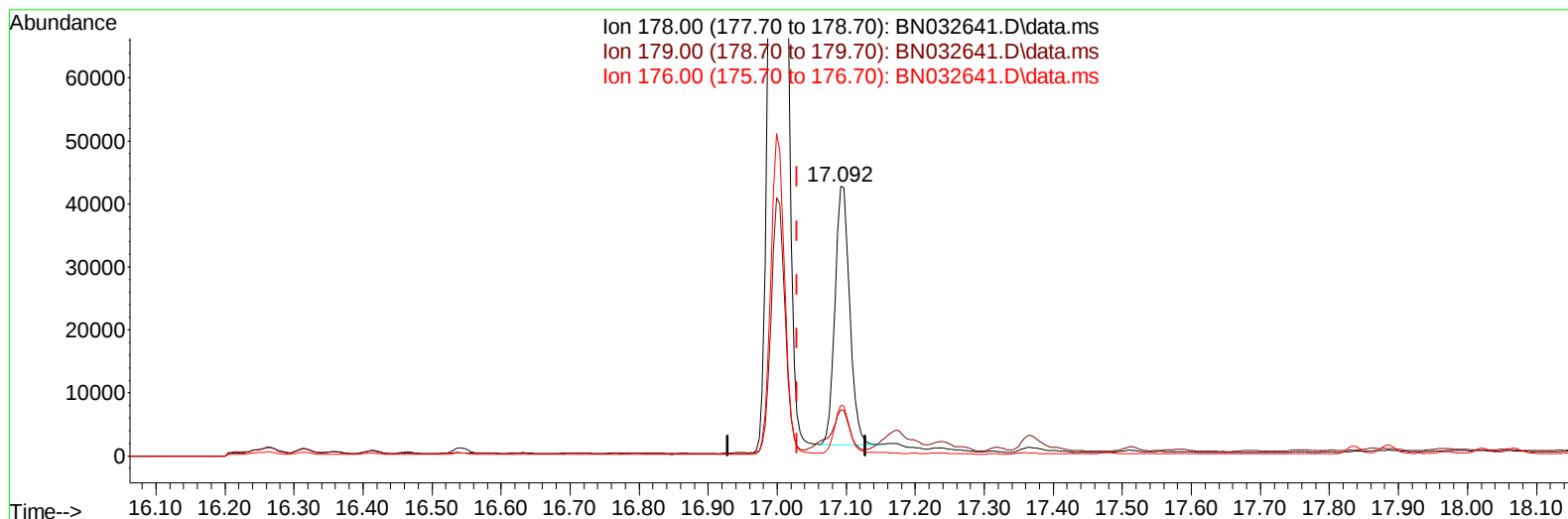
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(15) Phenanthrene

17.092min (+ 0.063) 0.86 ng/u1

response 60405

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.20
176.00	19.50	18.83
0.00	0.00	0.00

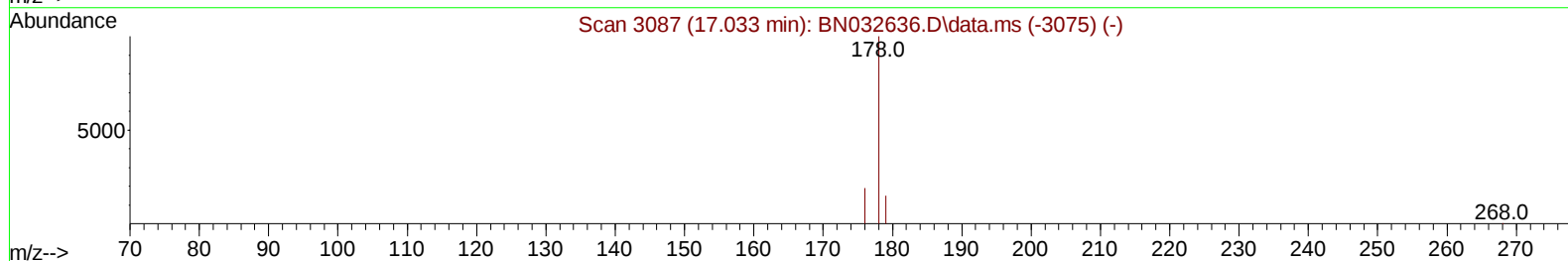
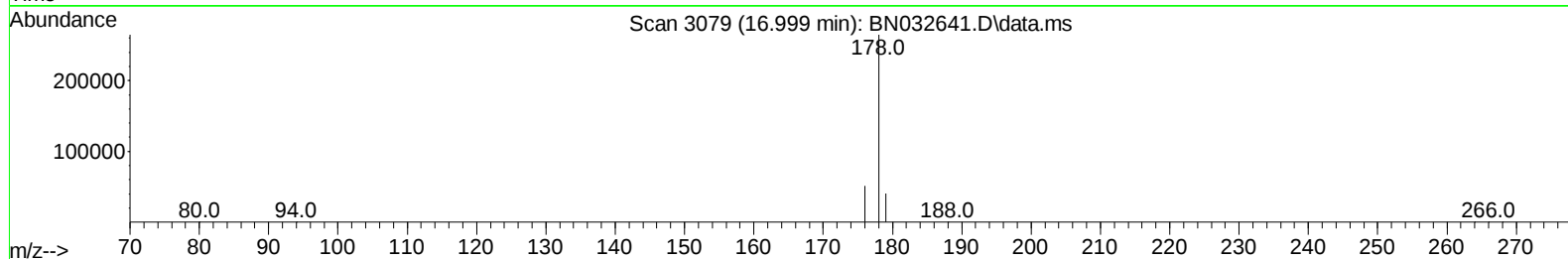
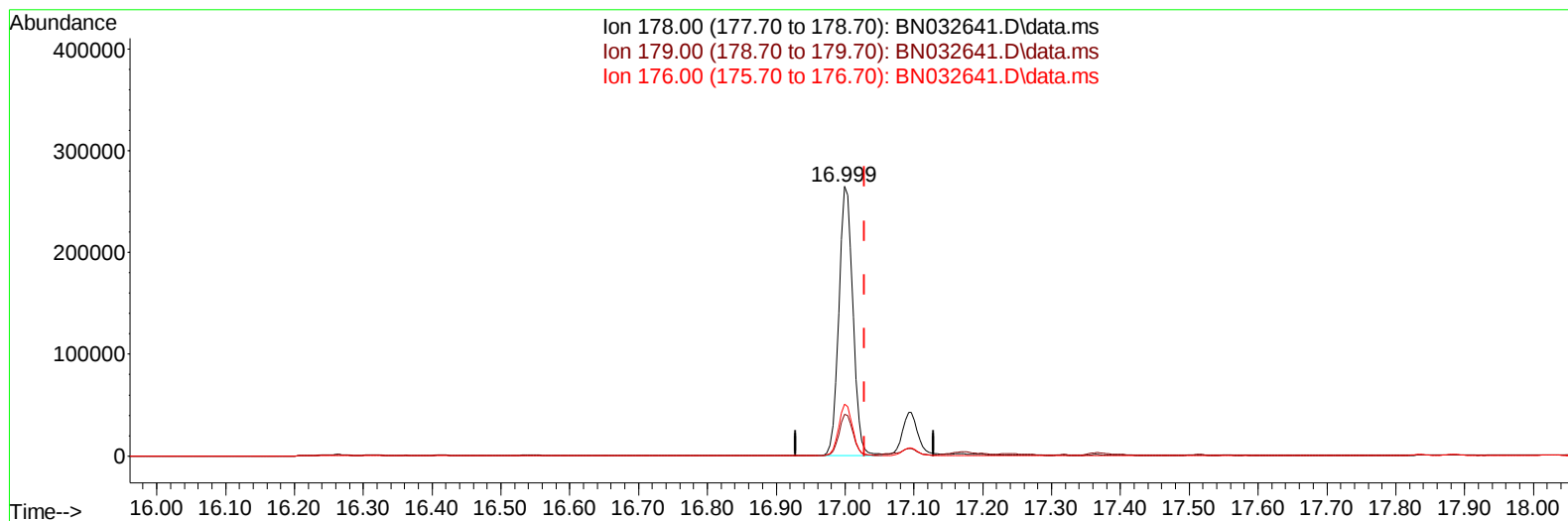
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(15) Phenanthrene

16.999min (-0.029) 5.30 ng/ul m

response 373163

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.45
176.00	19.50	19.32
0.00	0.00	0.00

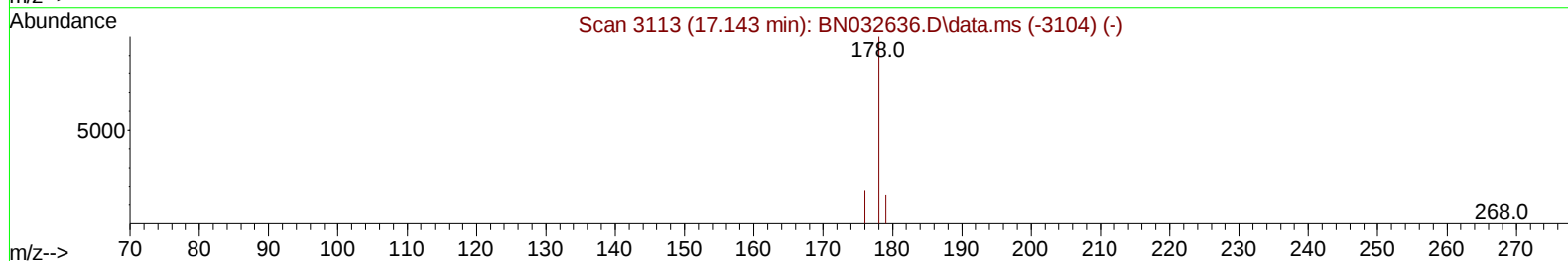
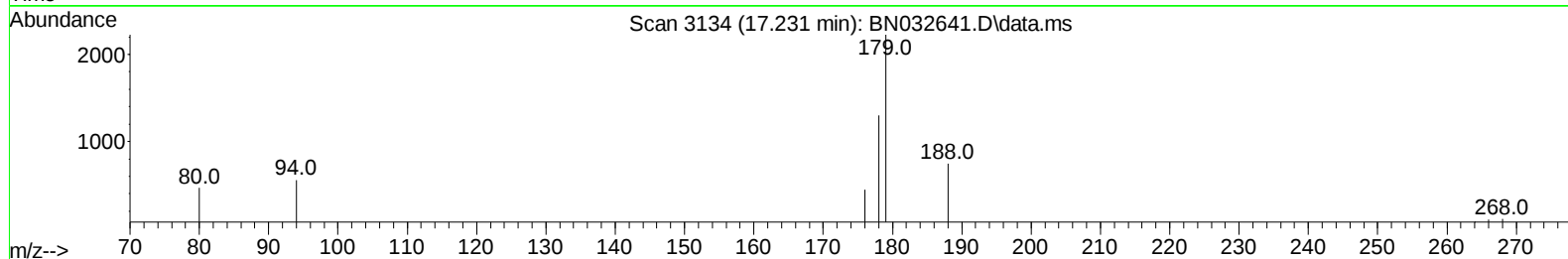
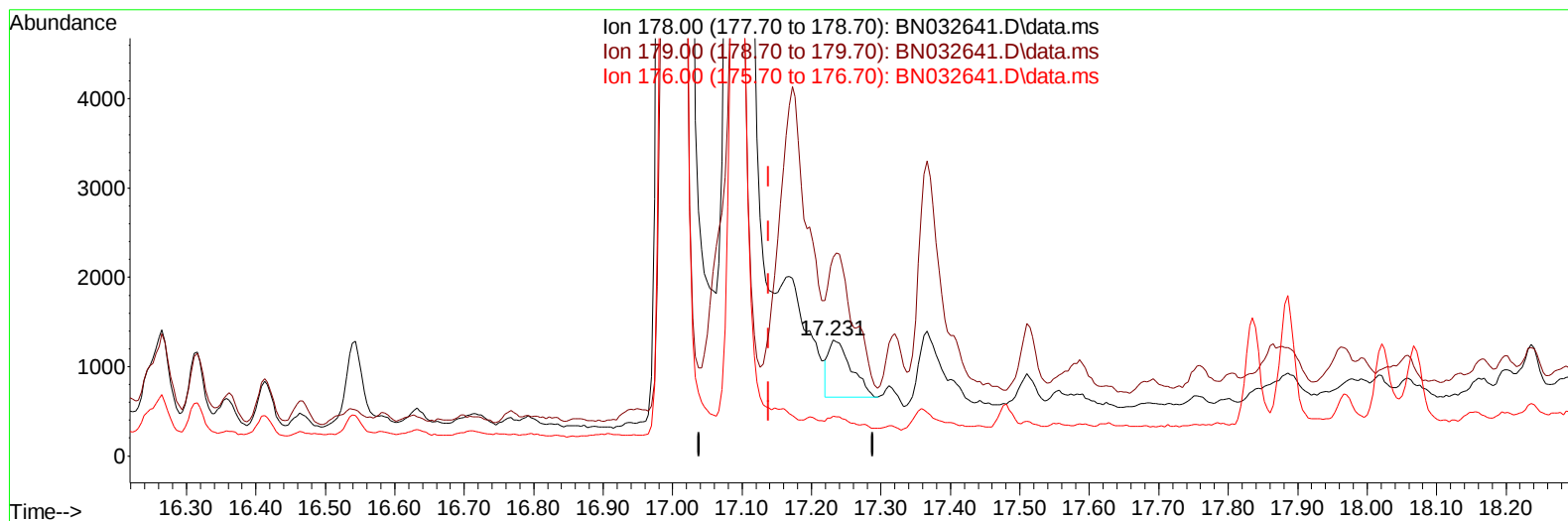
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(16) Anthracene

17.231min (+ 0.093) 0.03 ng/u1

response 1476

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	171.63#
176.00	19.20	34.46#
0.00	0.00	0.00

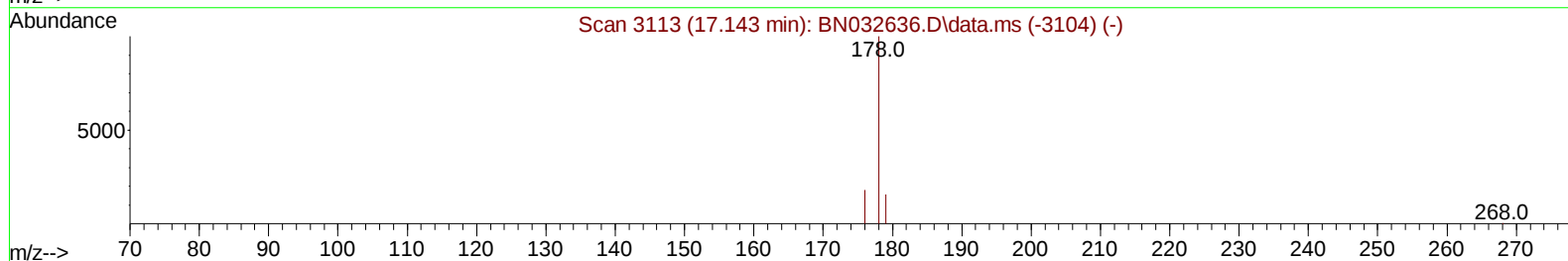
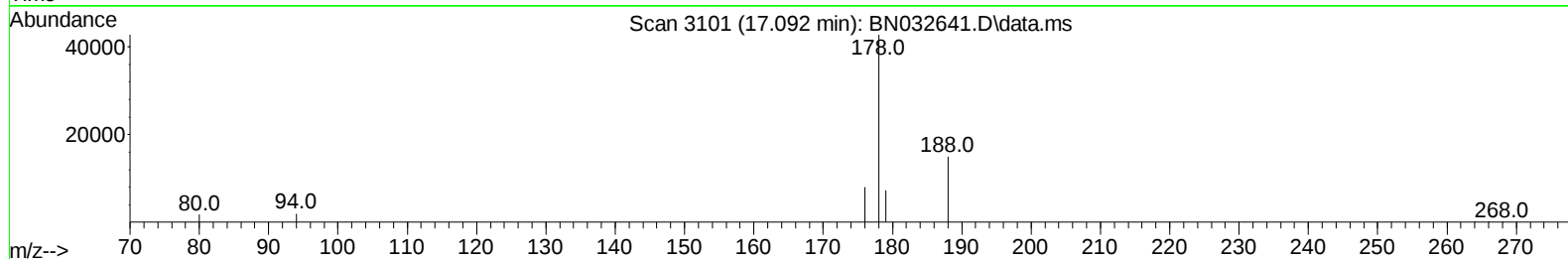
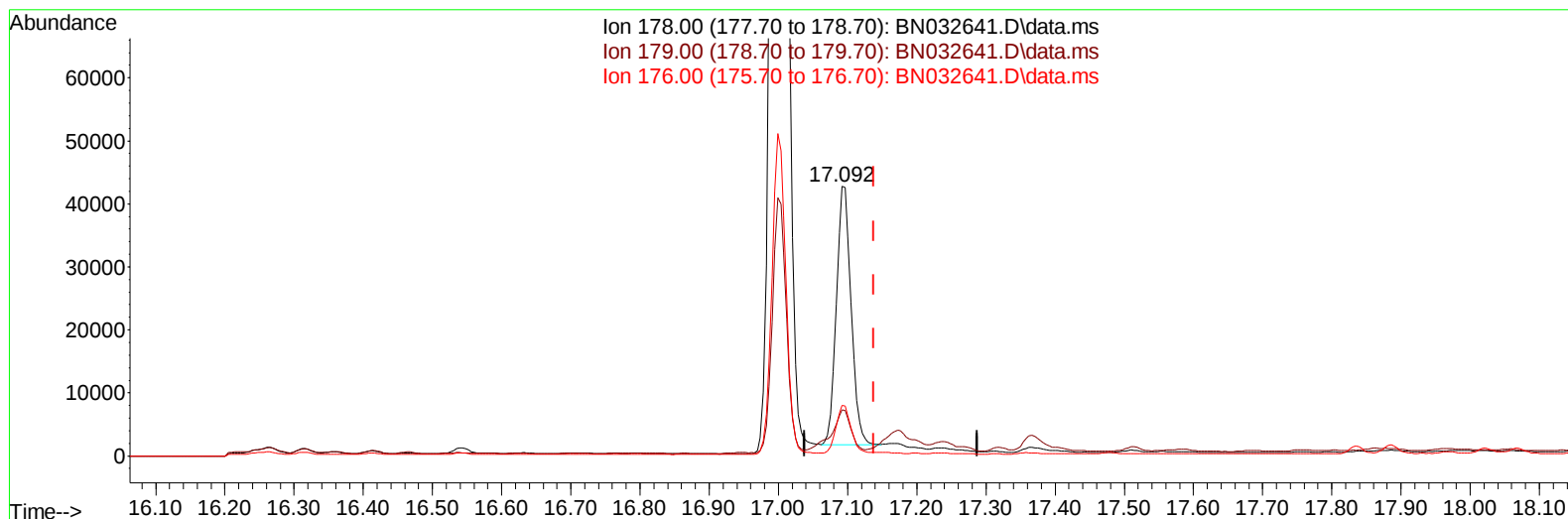
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(16) Anthracene

17.092min (-0.046) 1.06 ng/ul m

response 60698

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	17.20
176.00	19.20	18.83
0.00	0.00	0.00

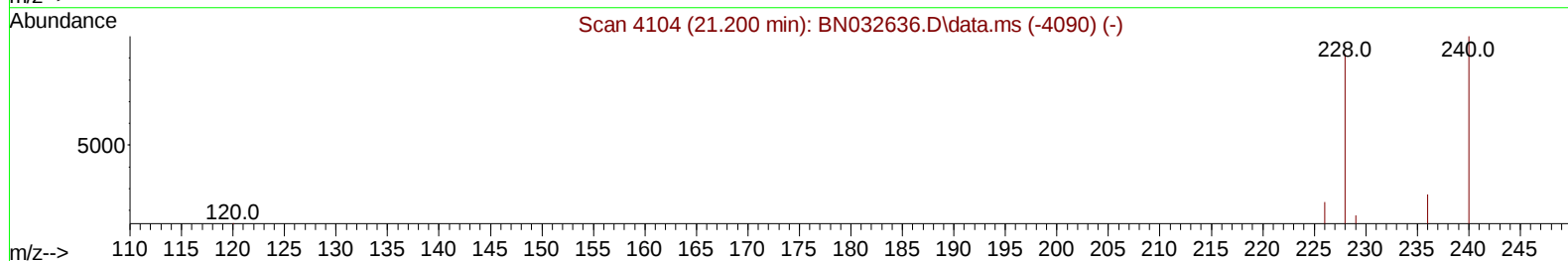
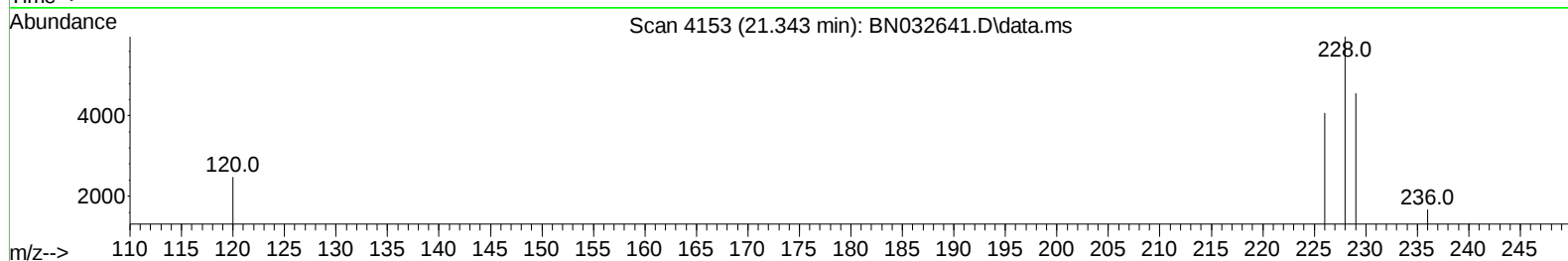
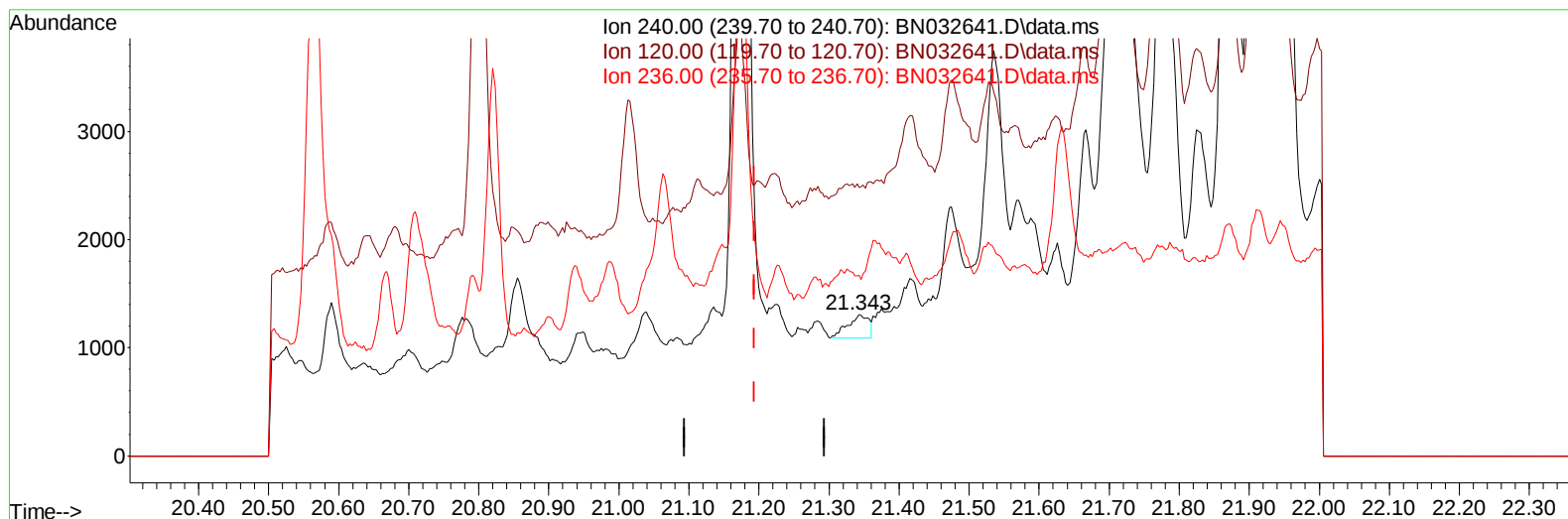
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(17) Chrysene-d12

21.343min (+ 0.149) 0.40 ng/u1

response 450

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	189.46#
236.00	28.40	127.73#
0.00	0.00	0.00

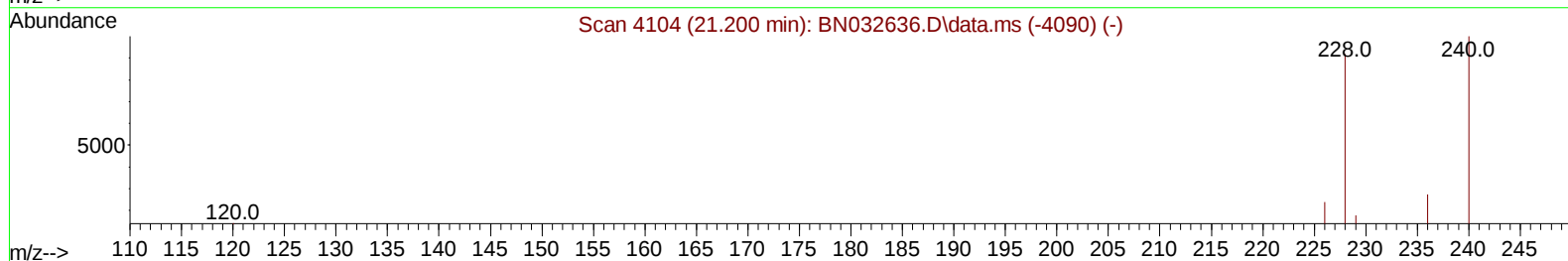
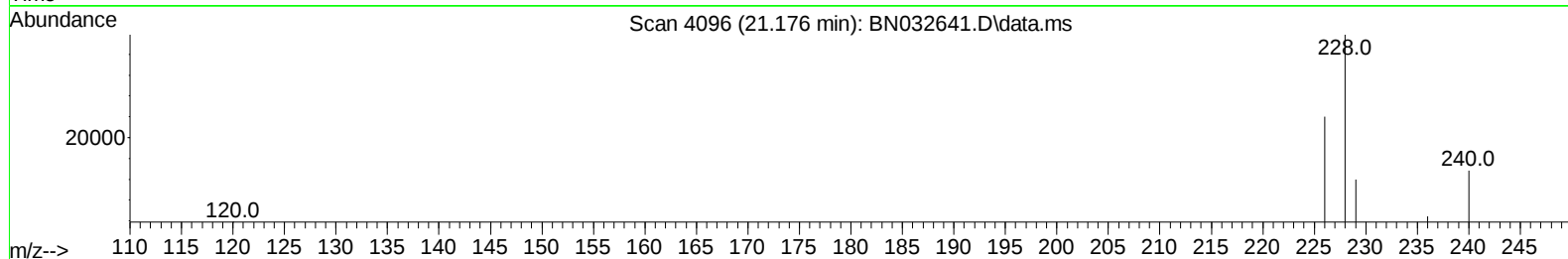
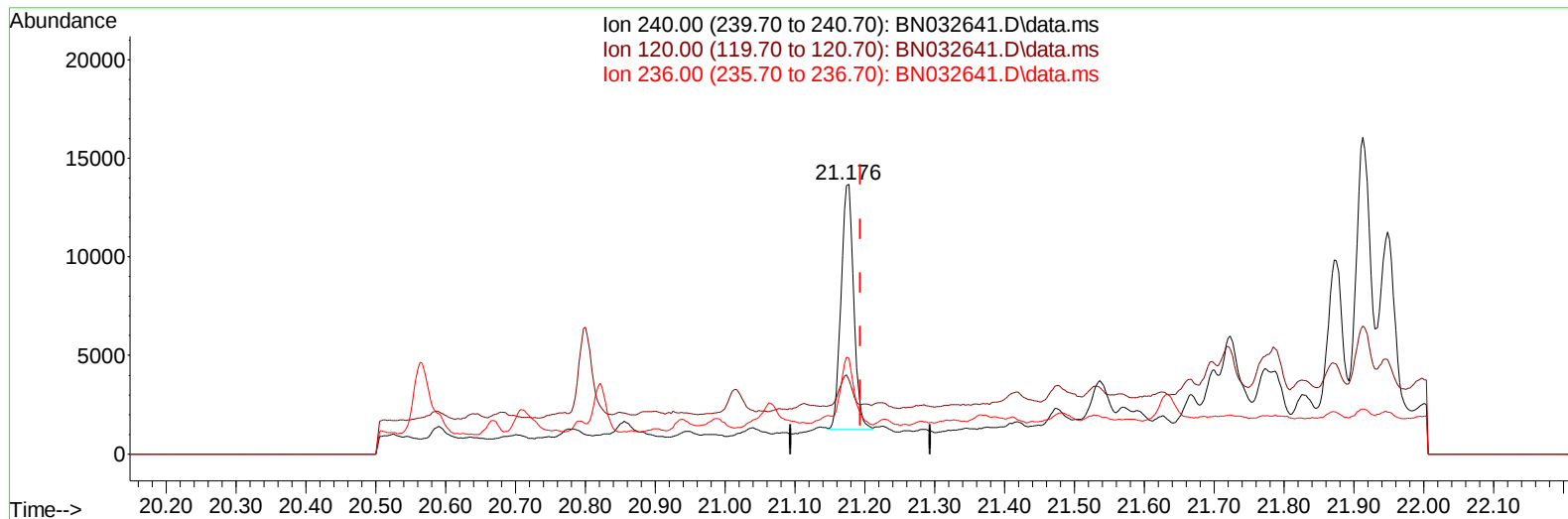
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(17) Chrysene-d12

21.176min (-0.017) 0.40 ng/ul m

response 15588

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	27.47#
236.00	28.40	35.54#
0.00	0.00	0.00

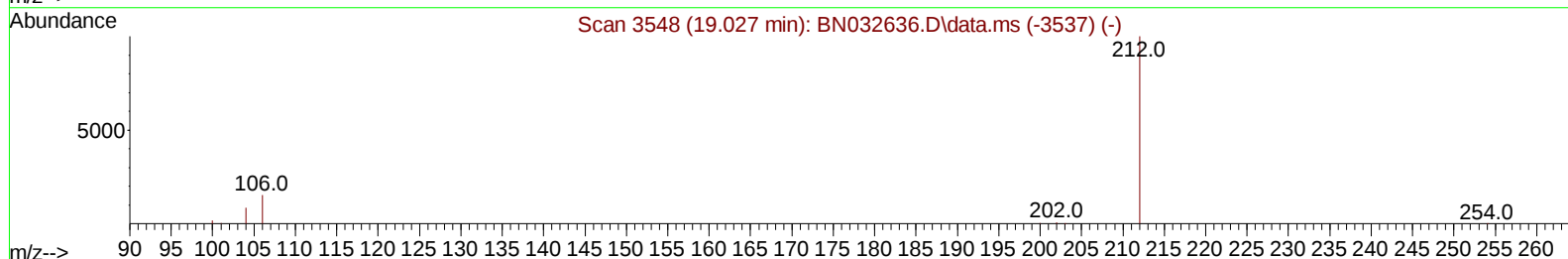
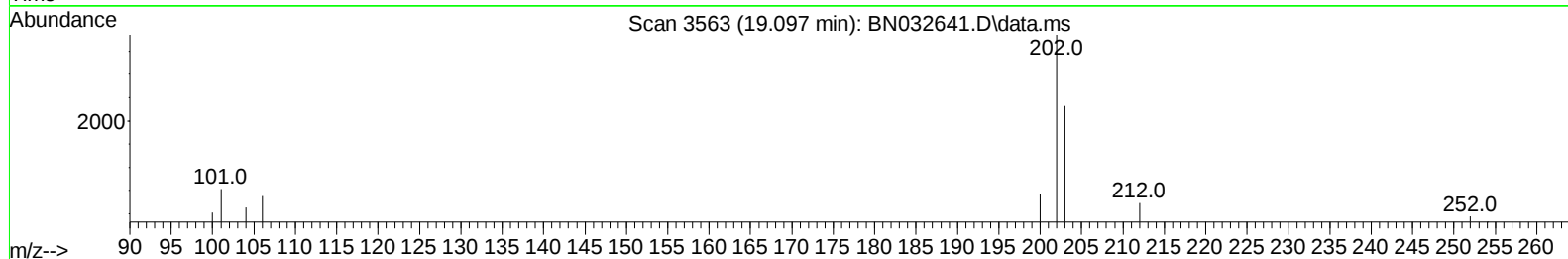
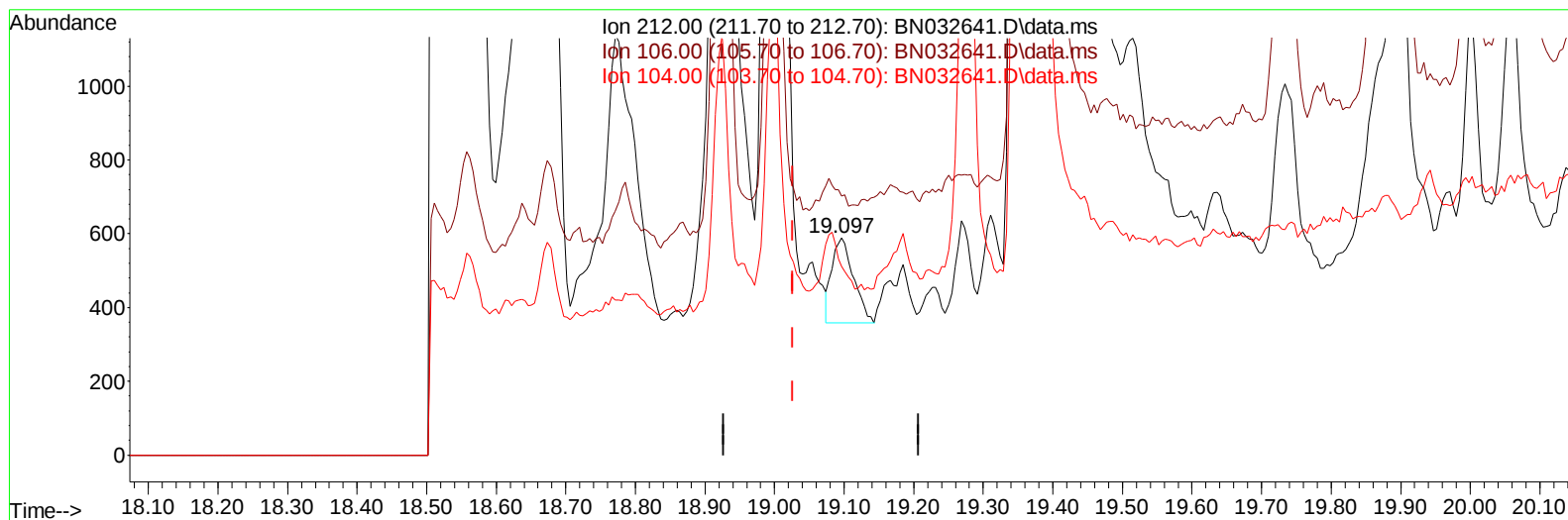
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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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TIC: BN032641.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.097min (+ 0.070) 0.01 ng/u1

response 496

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.00#
104.00	9.00	42.94#
0.00	0.00	0.00

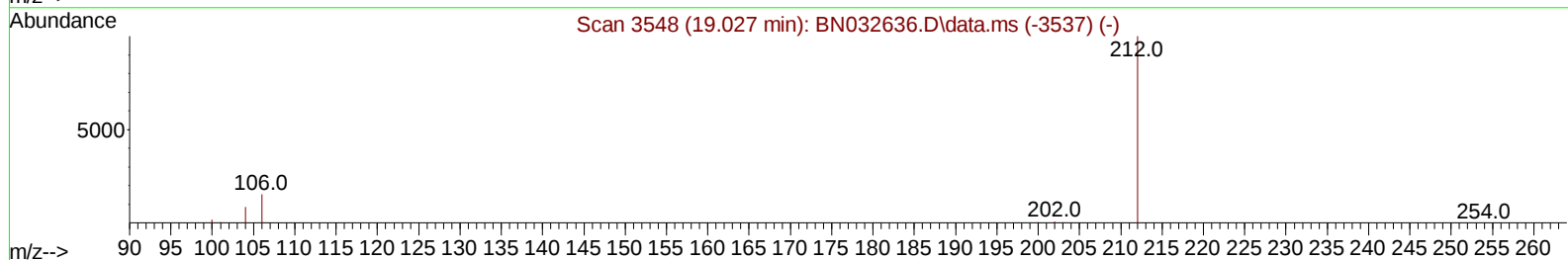
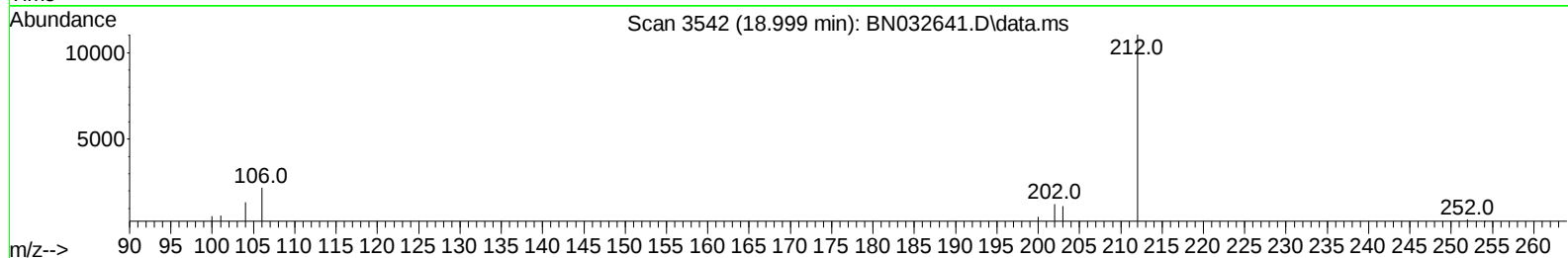
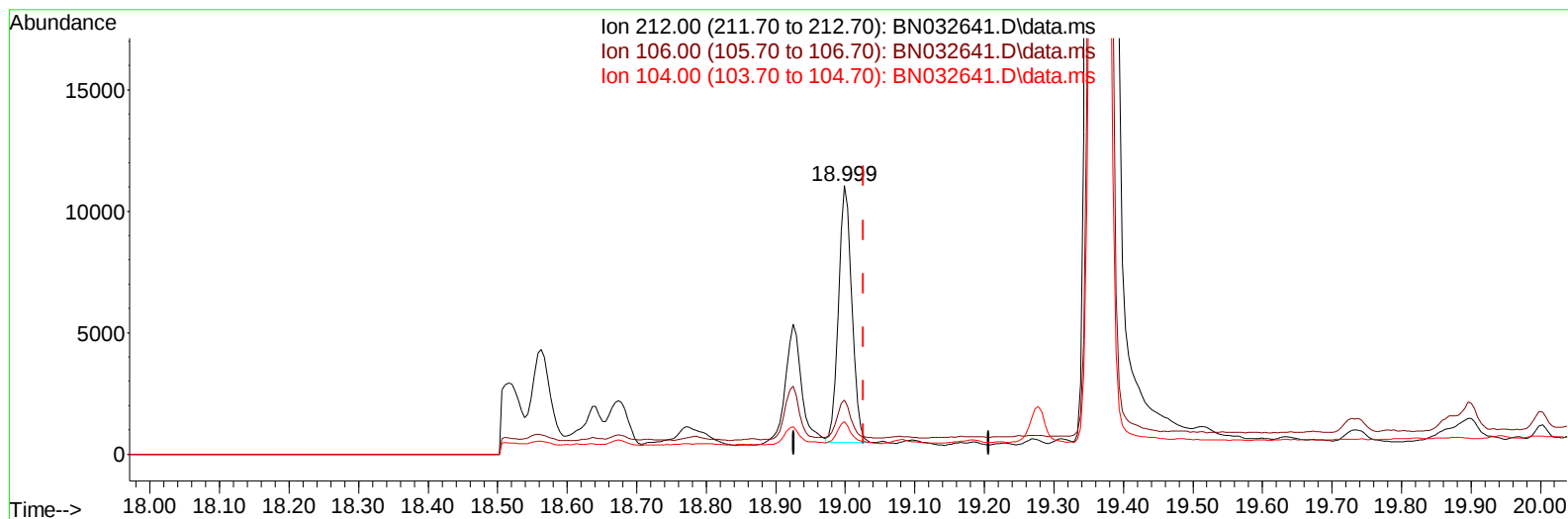
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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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TIC: BN032641.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.999min (-0.028) 0.28 ng/ul m

response 14081

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.00#
104.00	9.00	1.51#
0.00	0.00	0.00

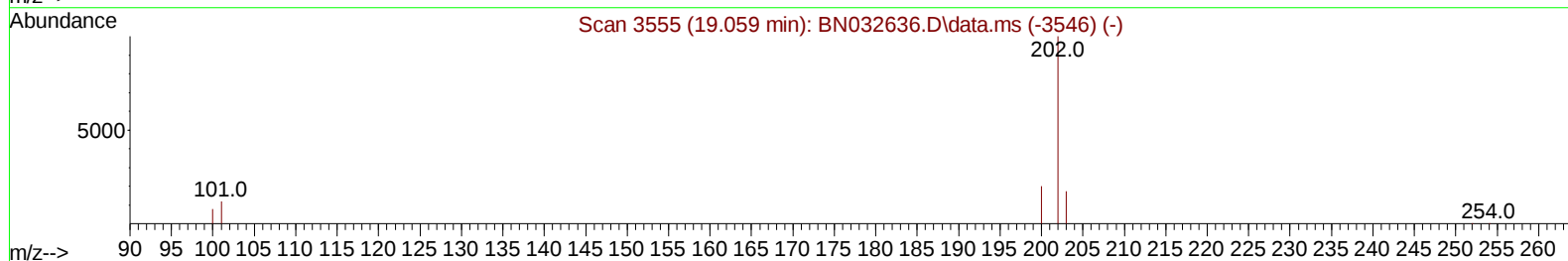
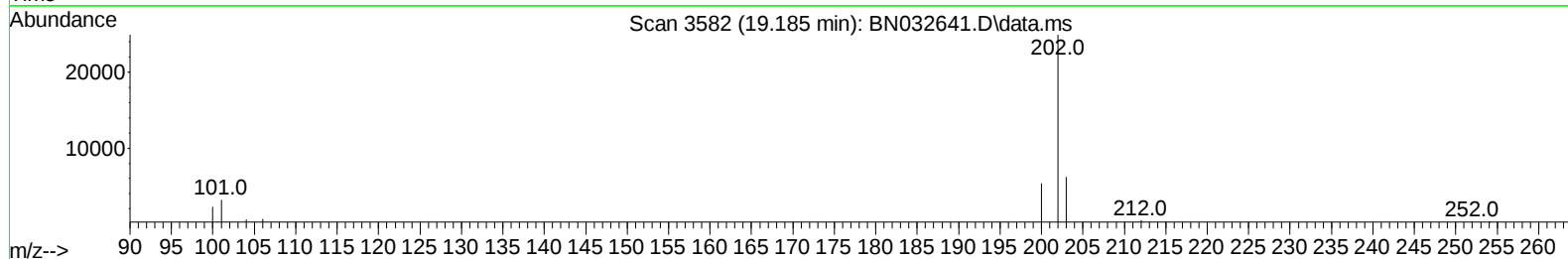
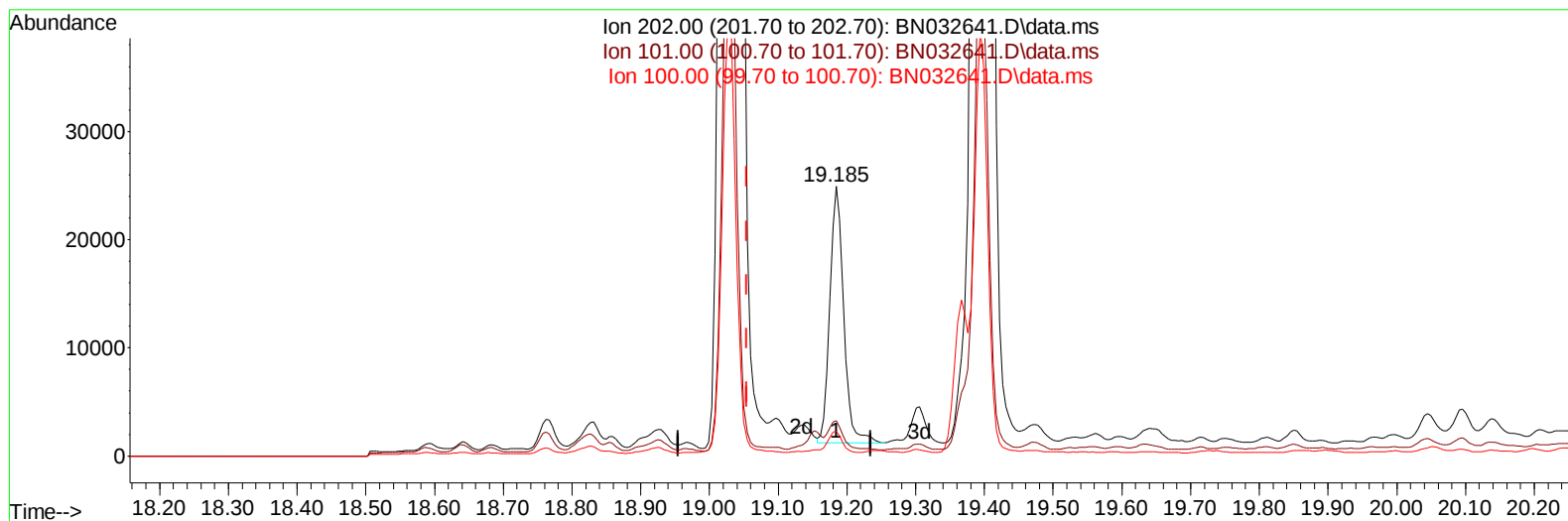
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(19) Fluoranthene (C)

19.185min (+ 0.130) 0.52 ng/u1

response 33204

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	13.01
100.00	9.90	9.05
0.00	0.00	0.00

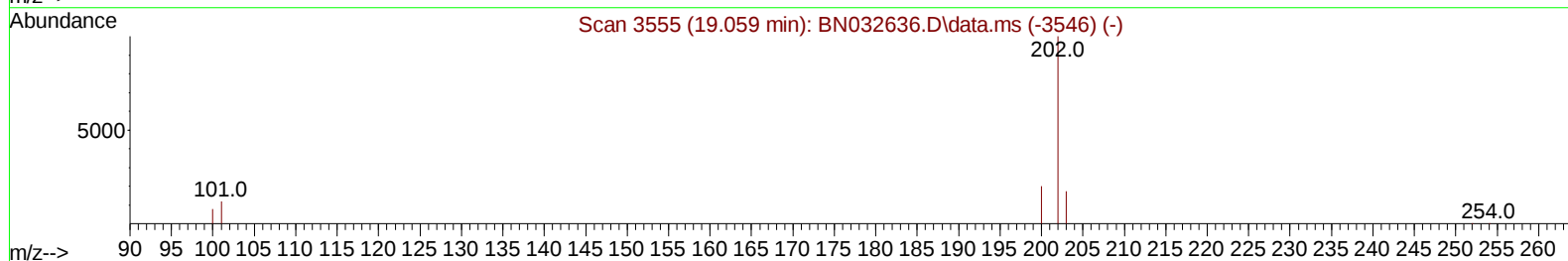
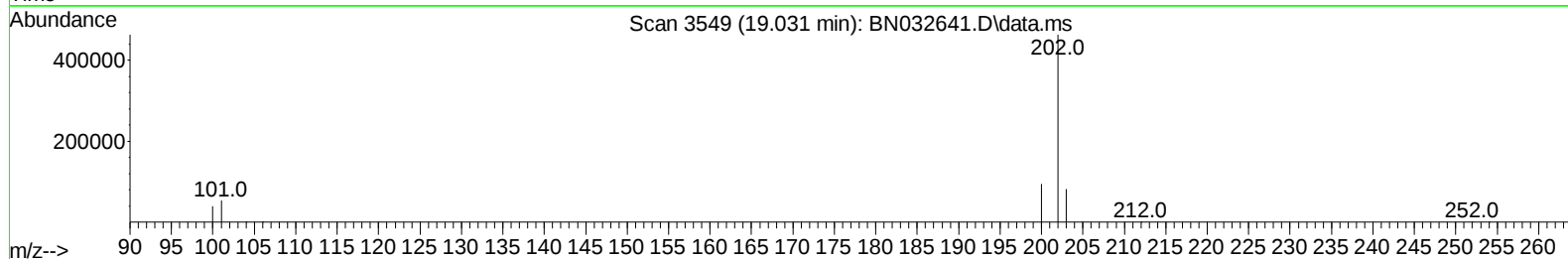
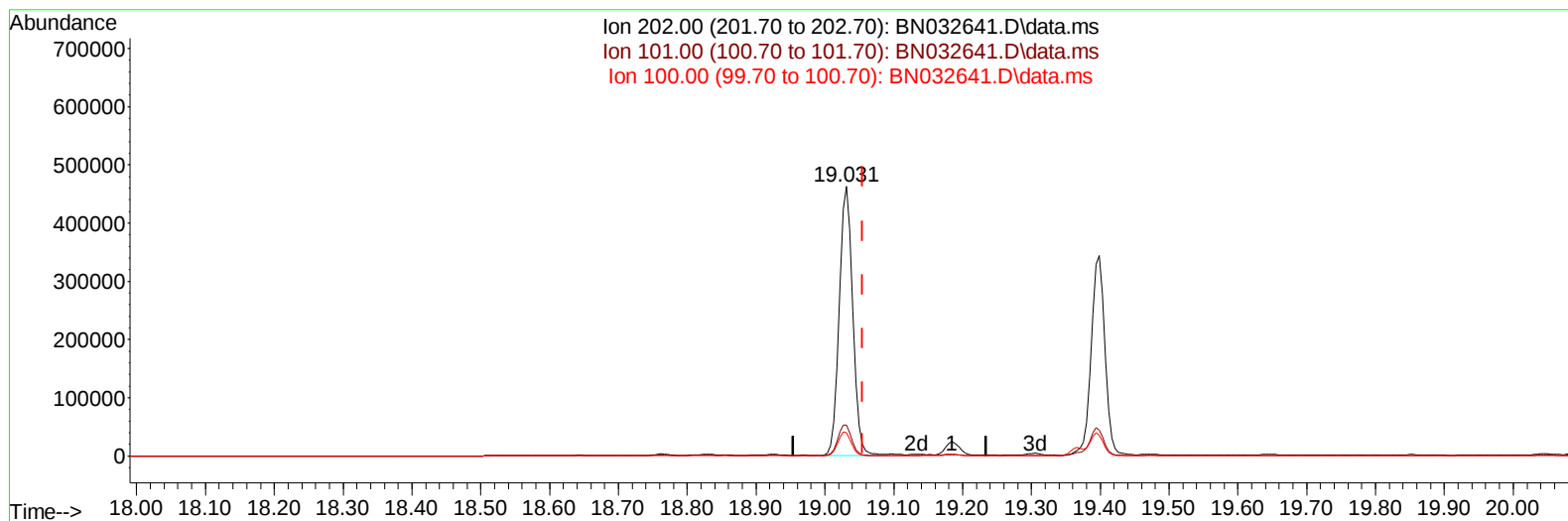
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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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TIC: BN032641.D\data.ms

(19) Fluoranthene (C)

19.031min (-0.023) 10.02 ng/ul m

response 635243

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.54
100.00	9.90	8.59
0.00	0.00	0.00

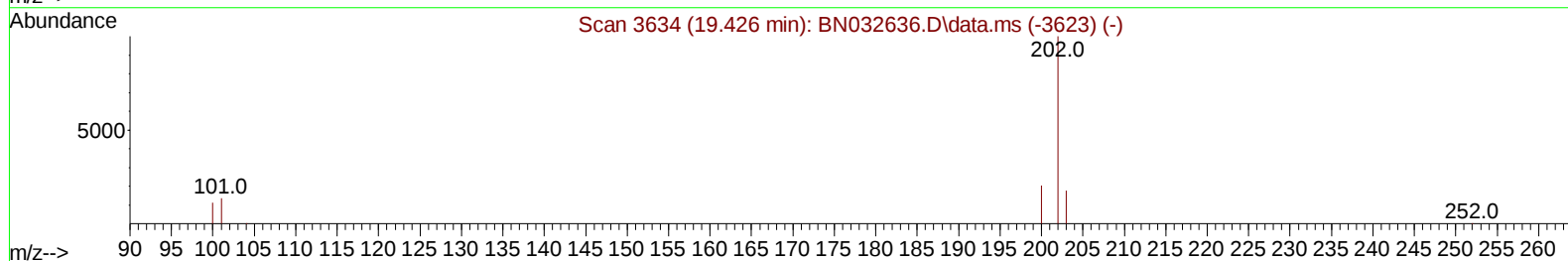
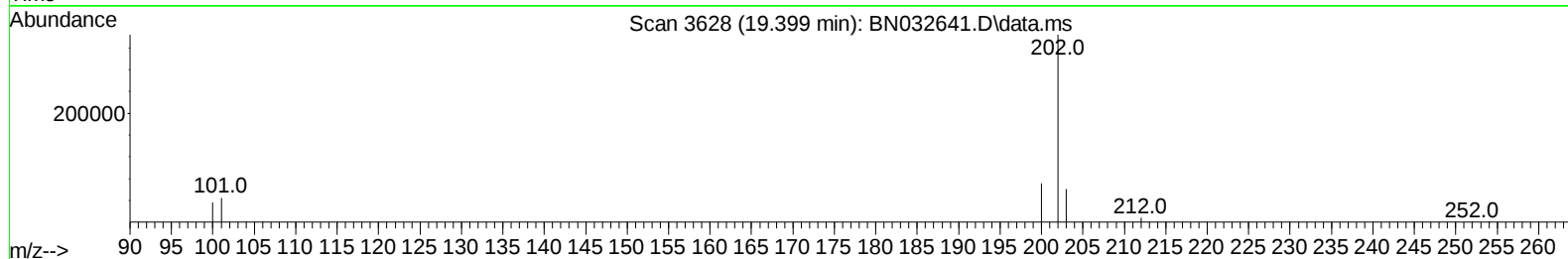
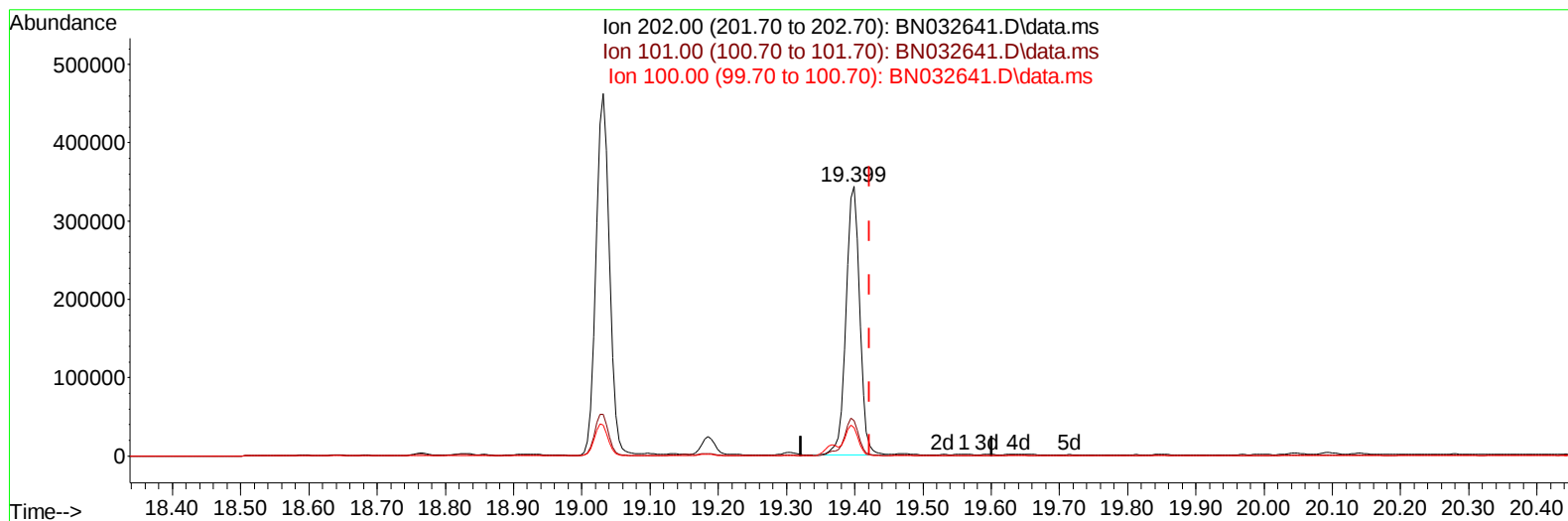
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032641.D
 Acq On : 11 Jul 2024 18:20
 Operator : MA/JU
 Sample : P3035-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(20) Pyrene

19.399min (-0.023) 7.34 ng/u1 m

response 481320

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.02
100.00	12.00	10.45
0.00	0.00	0.00

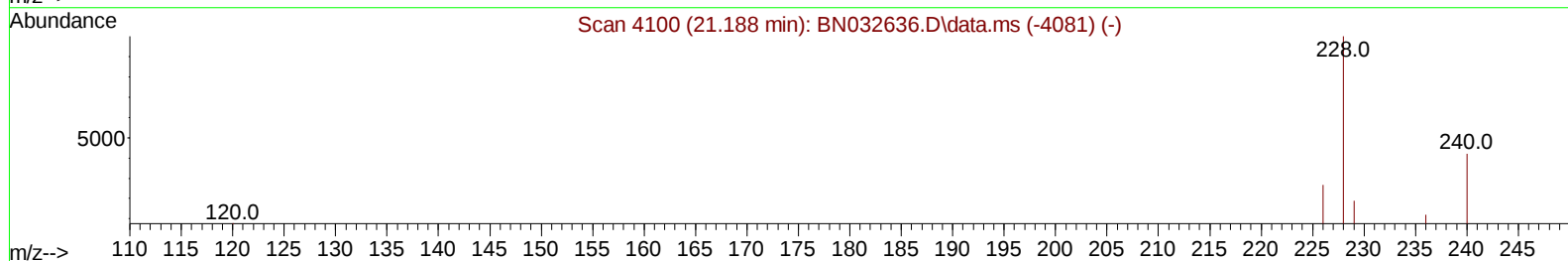
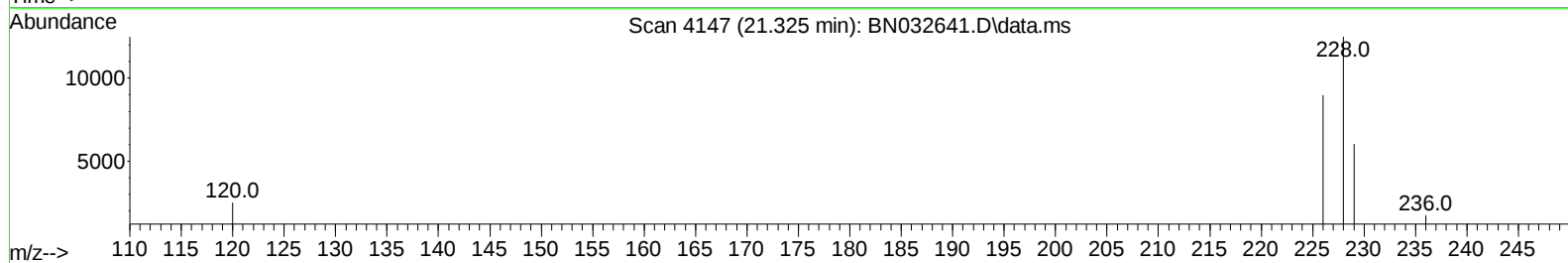
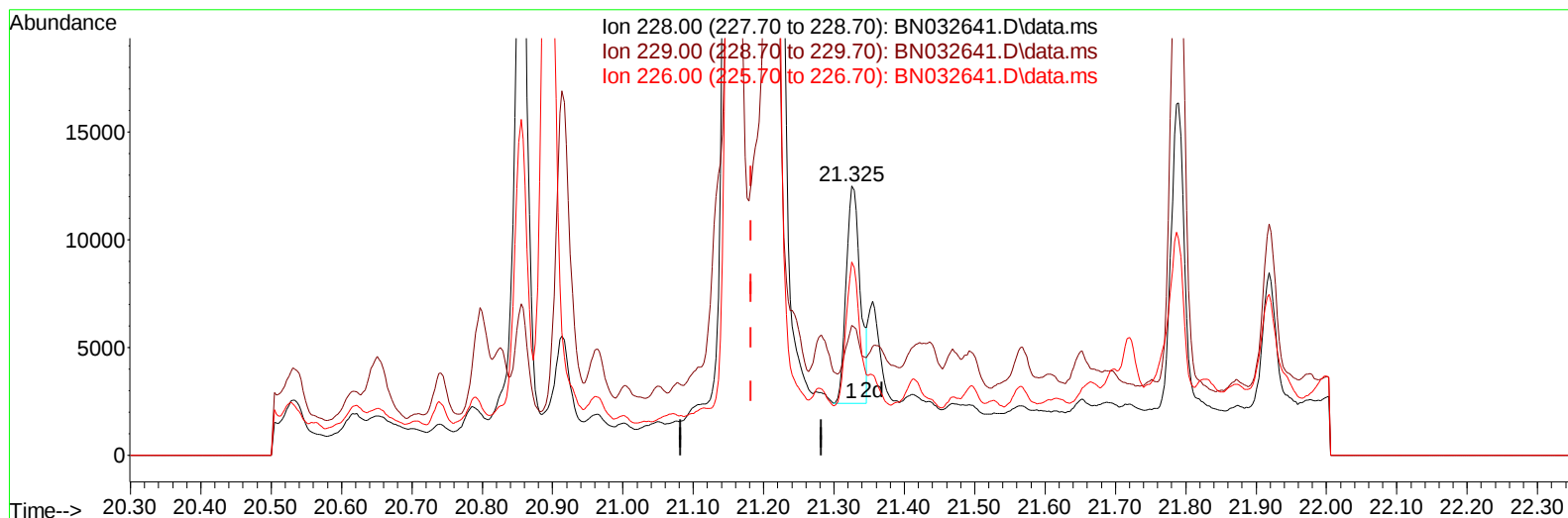
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(21) Benzo(a)anthracene

21.325min (+ 0.143) 0.28 ng/u1

response 13971

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	48.20#
226.00	27.40	71.88#
0.00	0.00	0.00

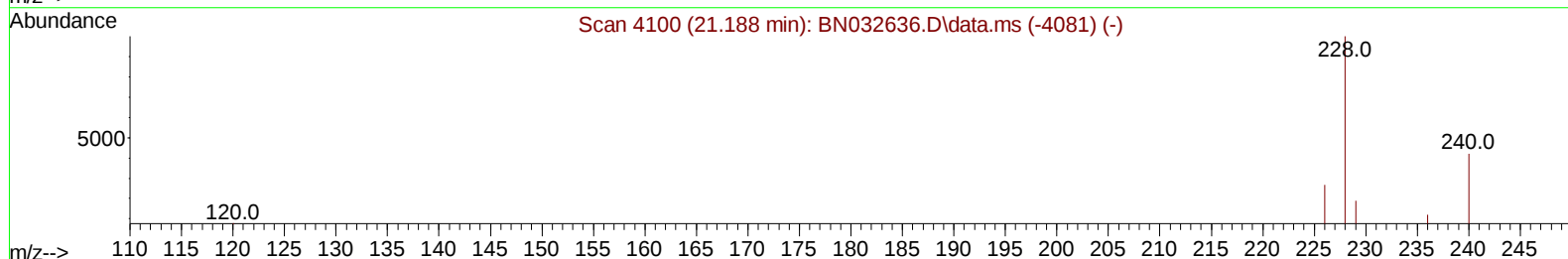
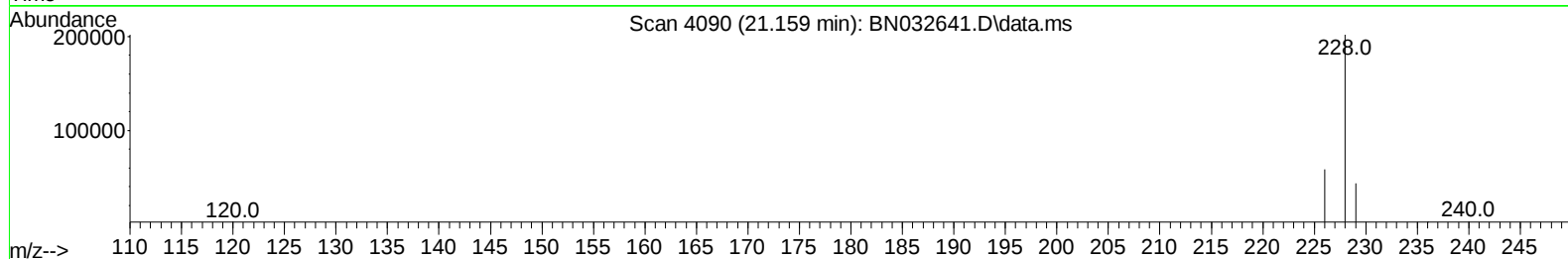
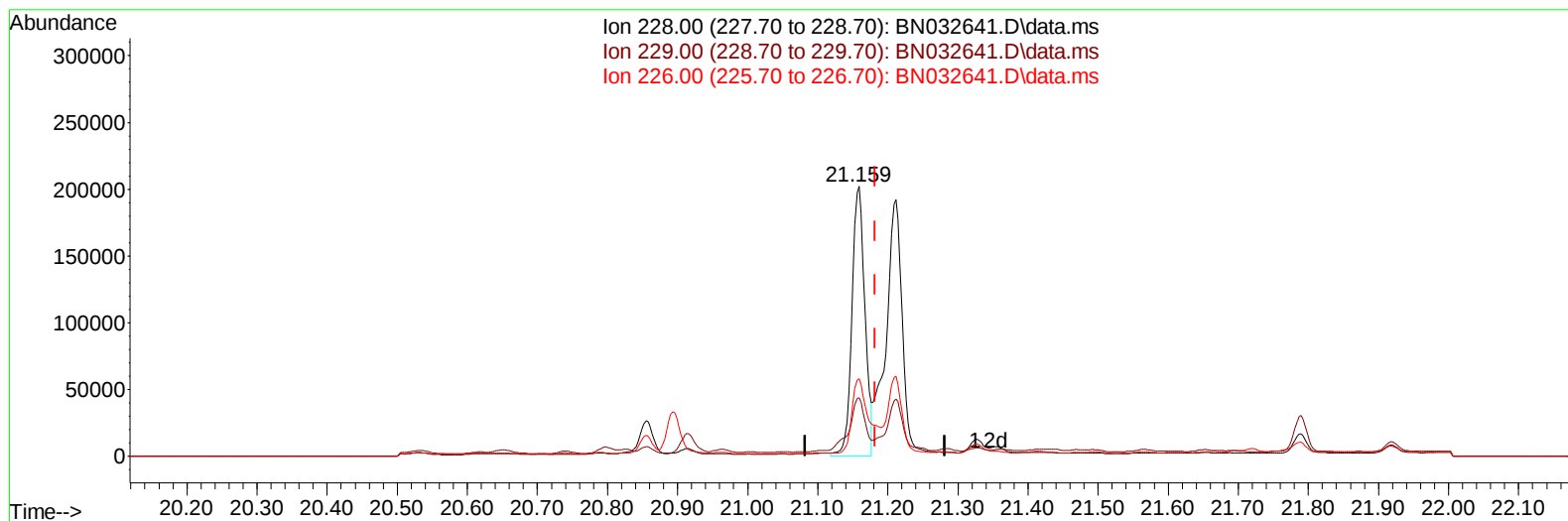
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(21) Benzo(a)anthracene

21.159min (-0.023) 5.23 ng/u1 m

response 259581

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	21.56
226.00	27.40	28.77
0.00	0.00	0.00

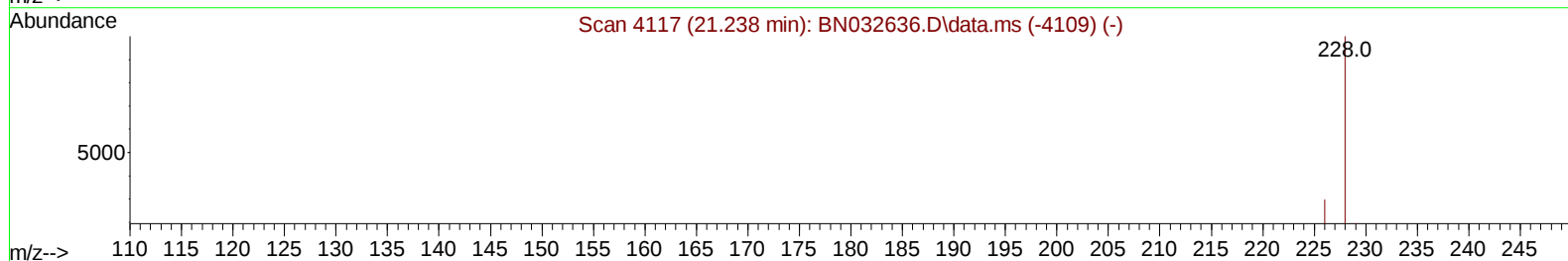
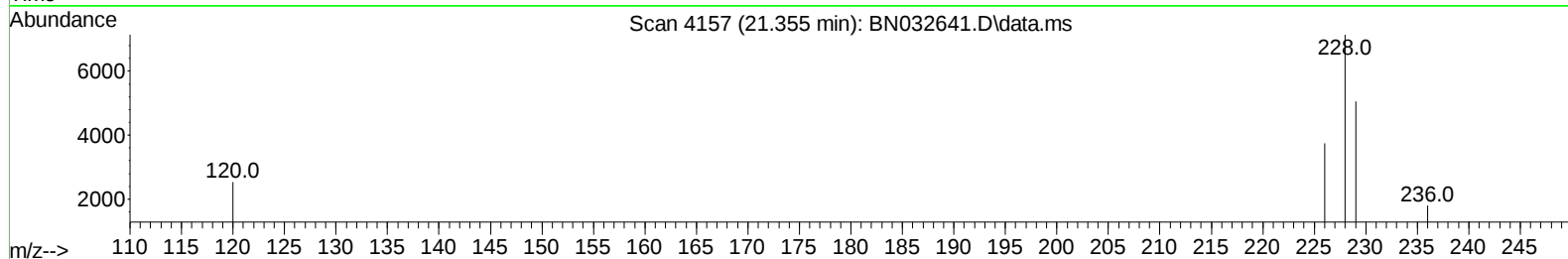
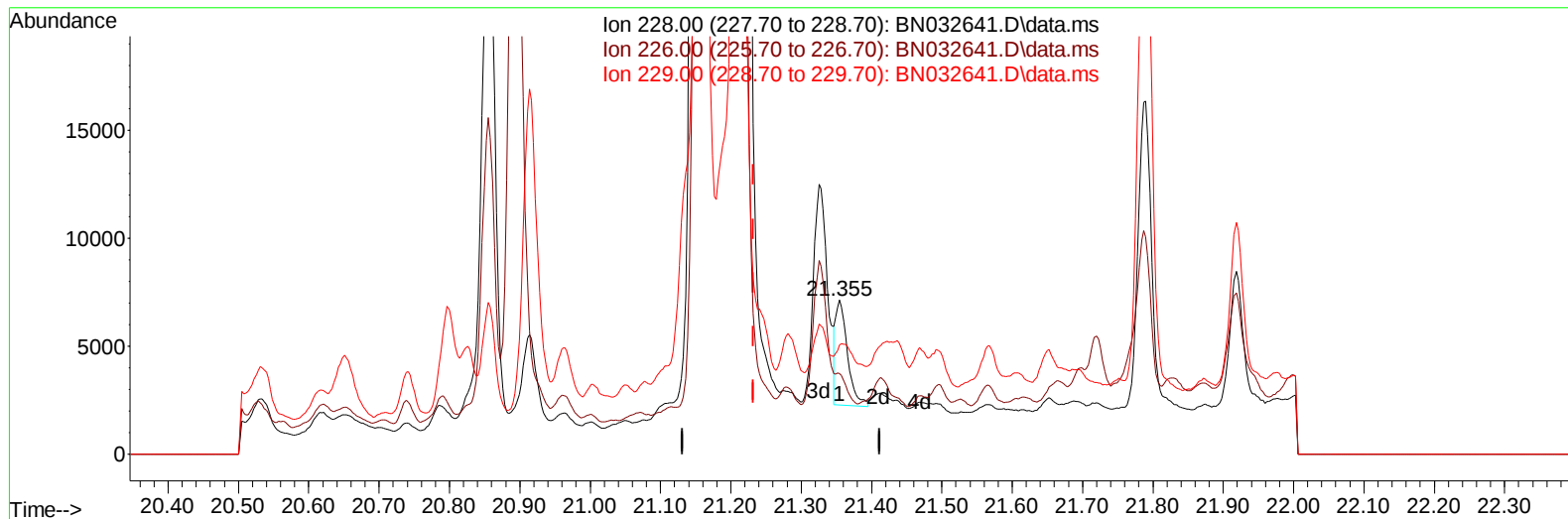
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(22) Chrysene

21.355min (+ 0.123) 0.08 ng/u1

response 5791

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	52.30#
229.00	19.70	70.78#
0.00	0.00	0.00

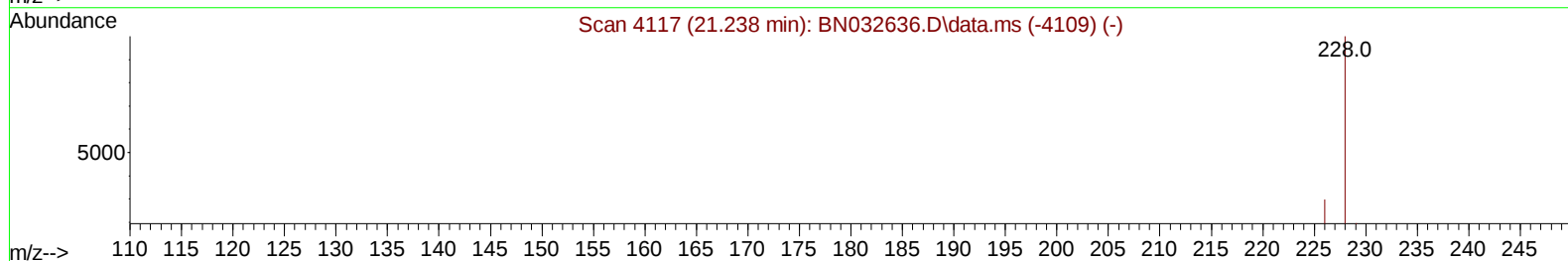
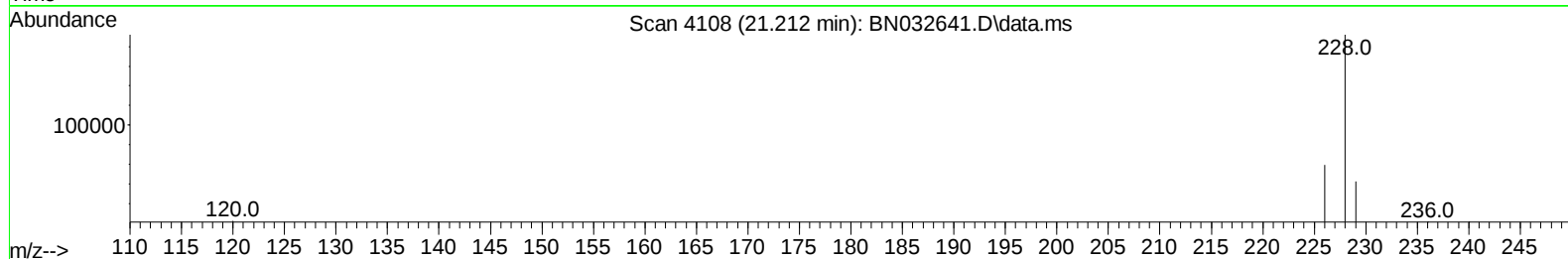
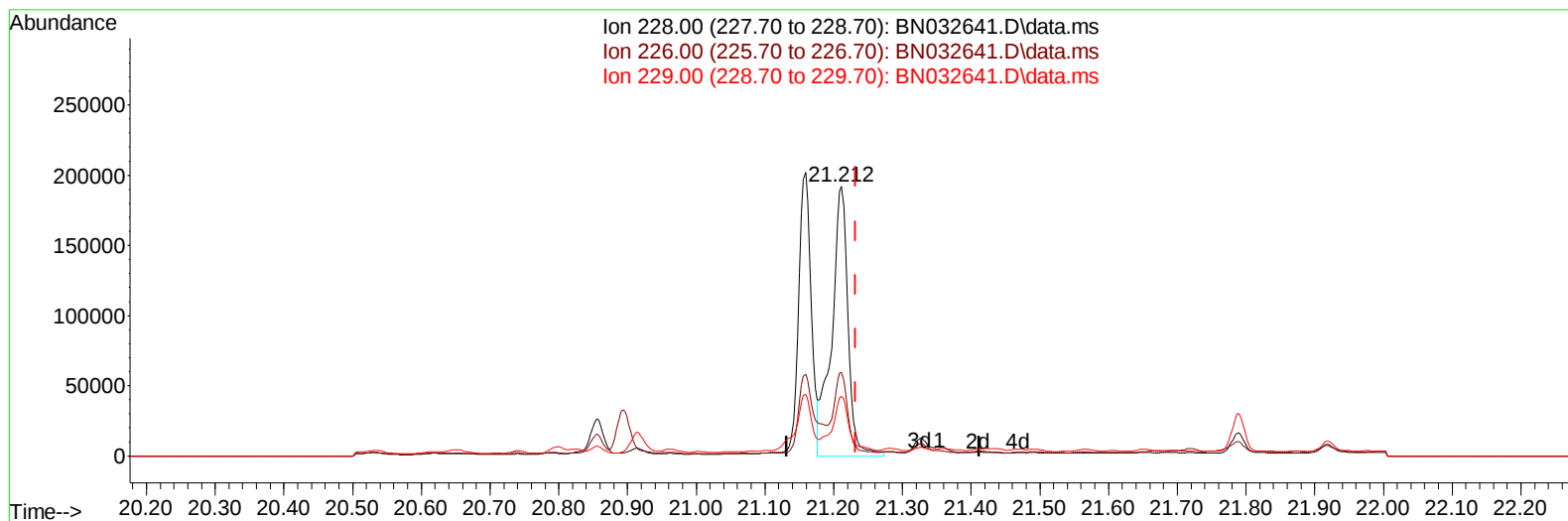
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(22) Chrysene

21.212min (-0.020) 4.43 ng/ul m

response 318061

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	31.08
229.00	19.70	22.13
0.00	0.00	0.00

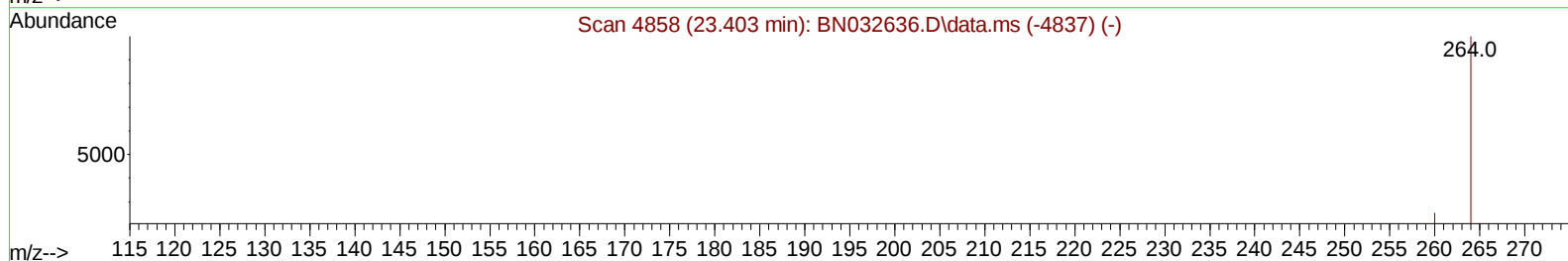
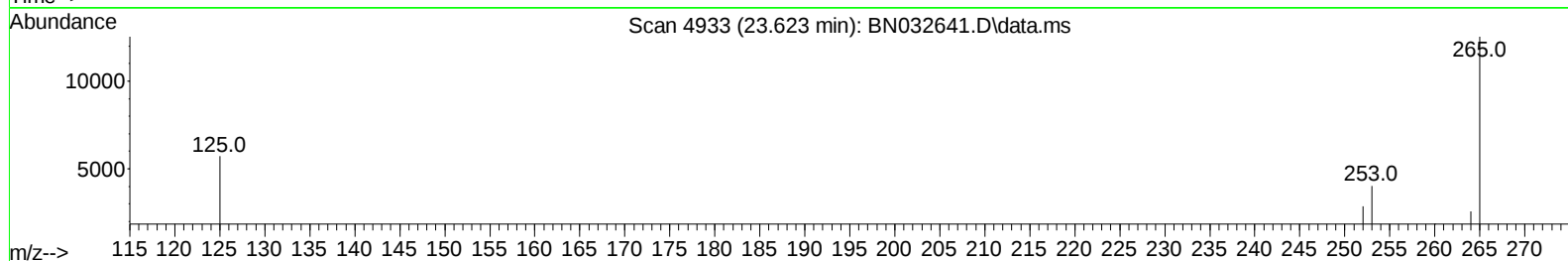
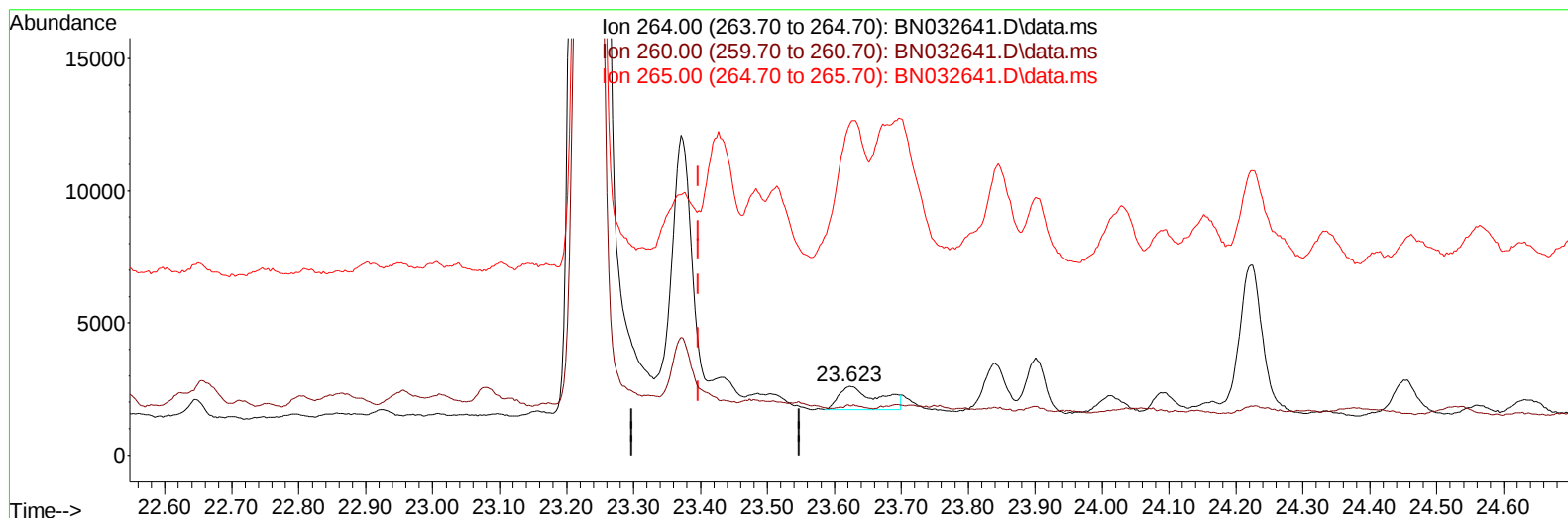
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(23) Perylene-d12 (I)

23.623min (+ 0.225) 0.40 ng/u1

response 3546

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	71.59#
265.00	95.50	482.88#
0.00	0.00	0.00

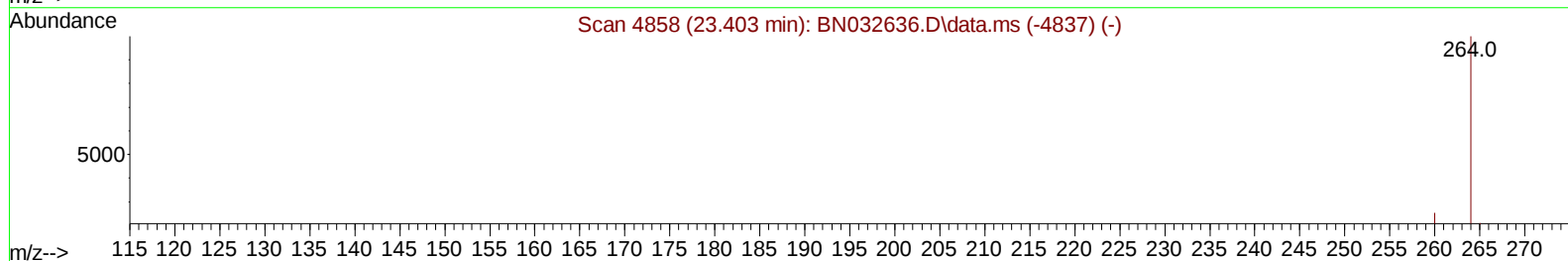
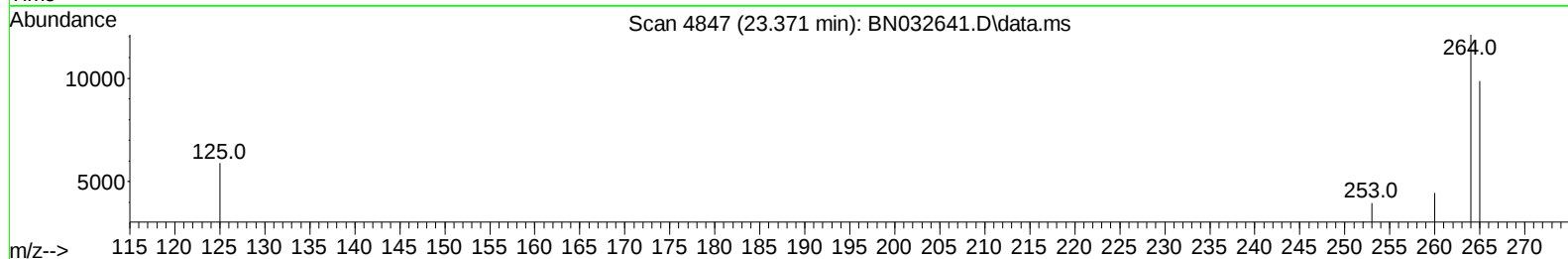
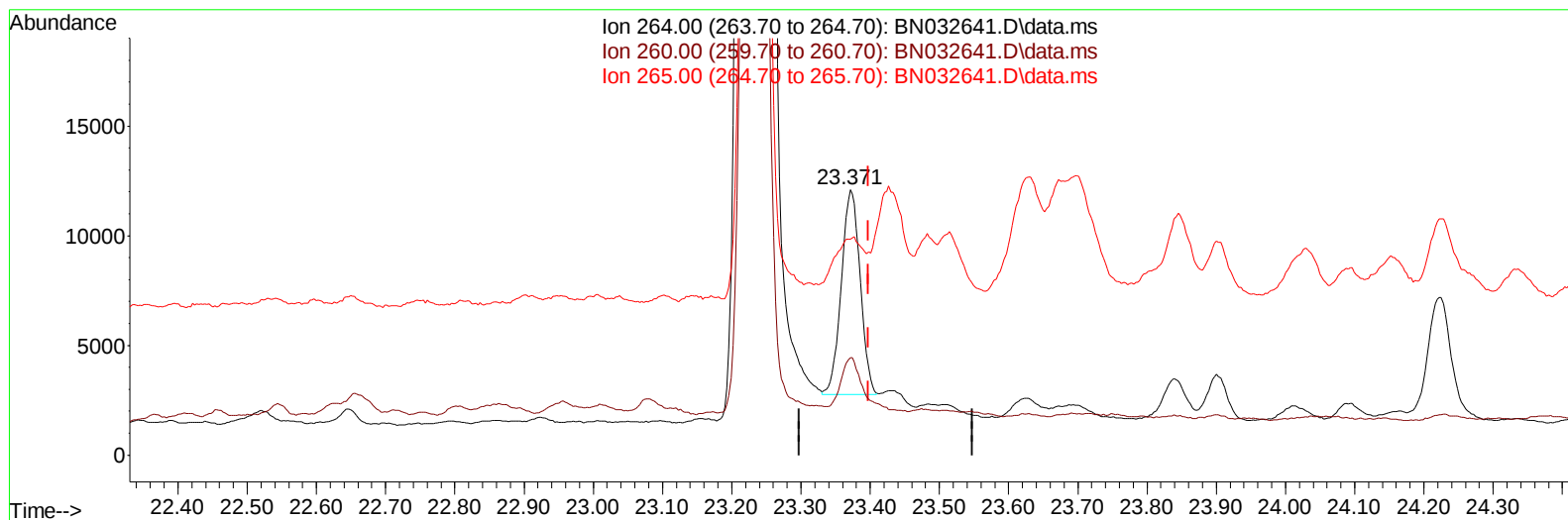
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(23) Perylene-d12 (I)

23.371min (-0.026) 0.40 ng/ul m

response 17617

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	36.75#
265.00	95.50	81.37
0.00	0.00	0.00

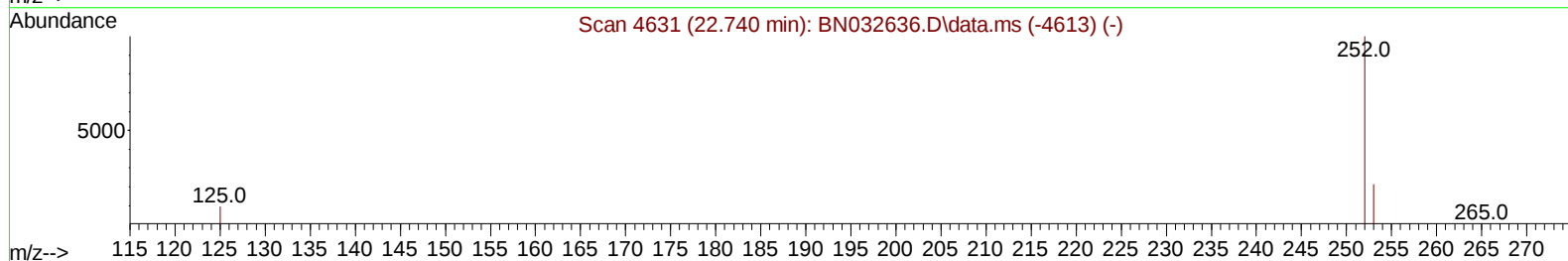
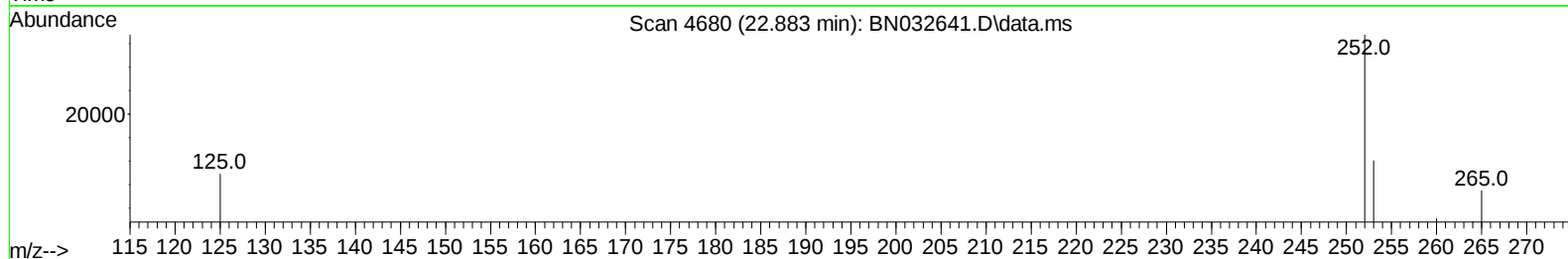
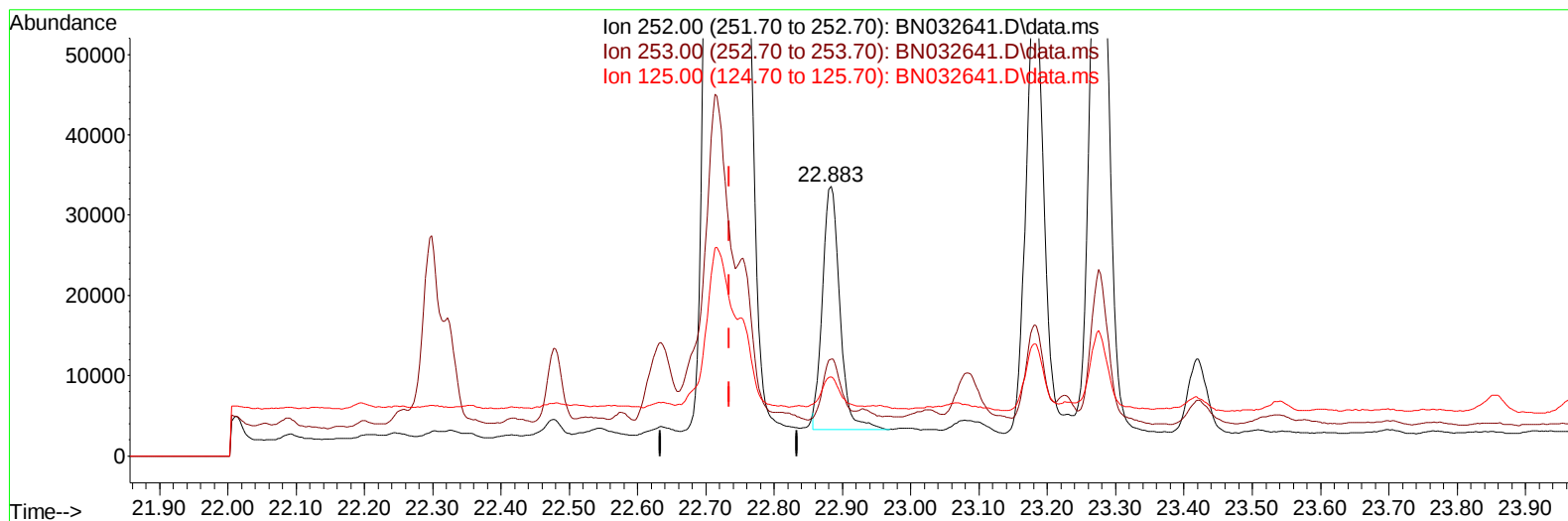
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(24) Benzo(b)fluoranthene

22.883min (+ 0.149) 0.86 ng/u1

response 53741

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	36.05
125.00	18.00	29.27
0.00	0.00	0.00

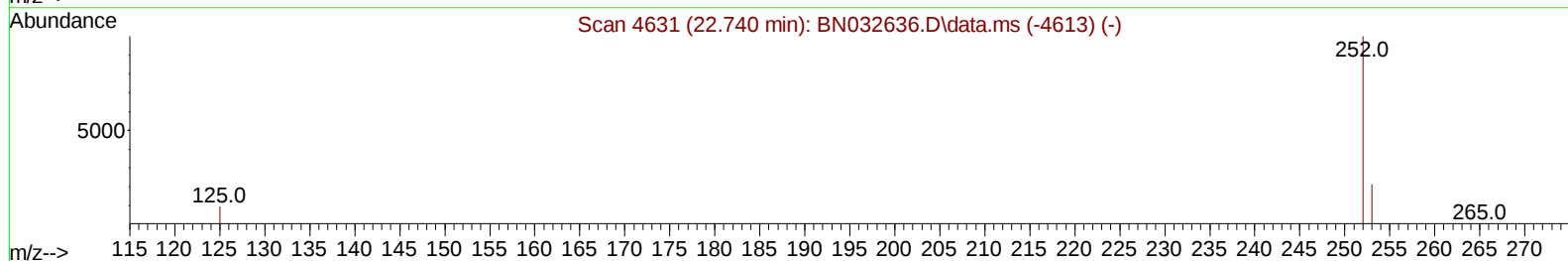
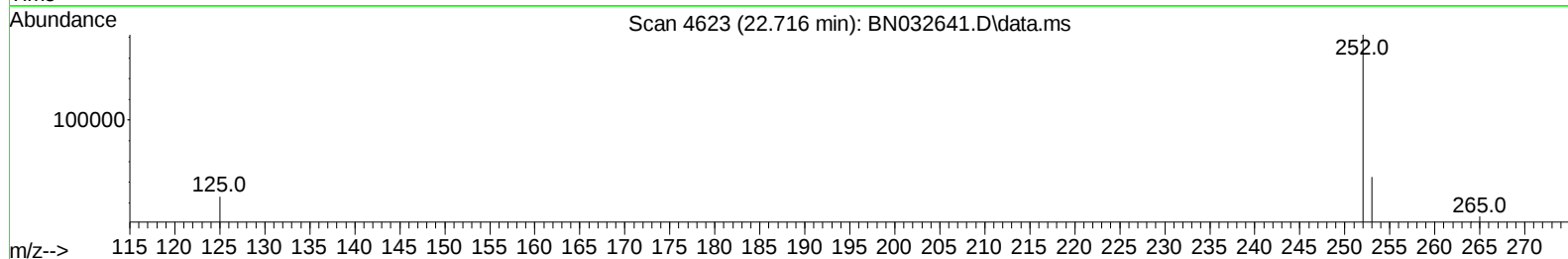
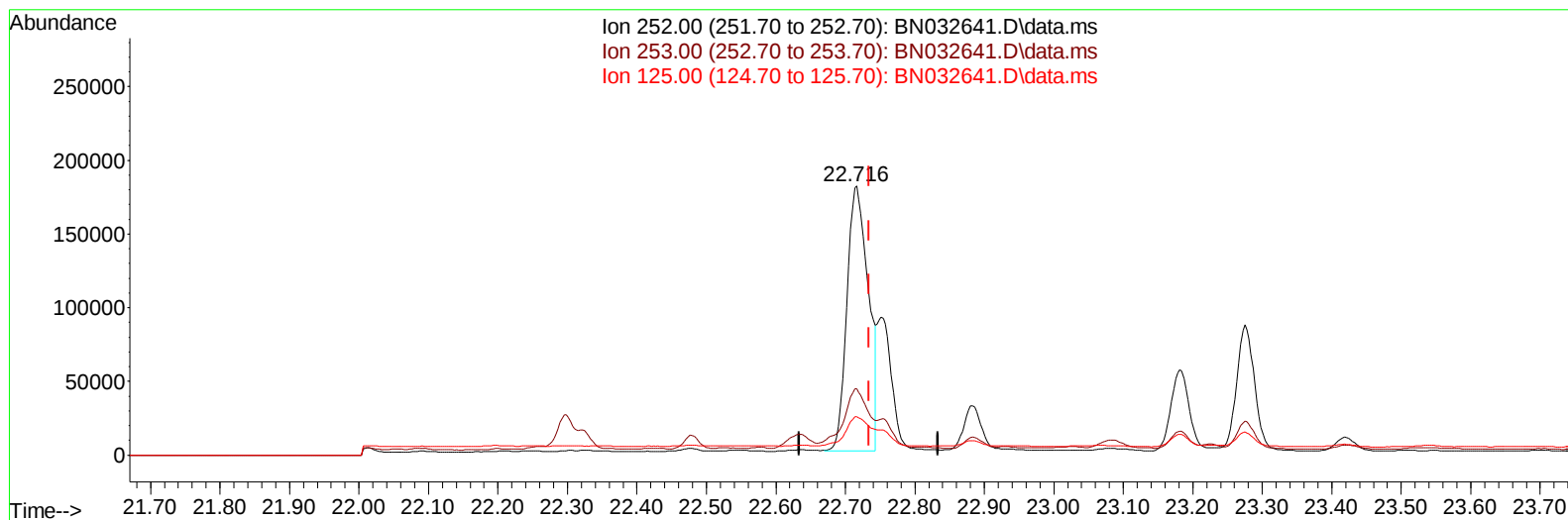
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(24) Benzo(b)fluoranthene

22.716min (-0.017) 6.19 ng/u1 m

response 384653

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.57
125.00	18.00	14.24
0.00	0.00	0.00

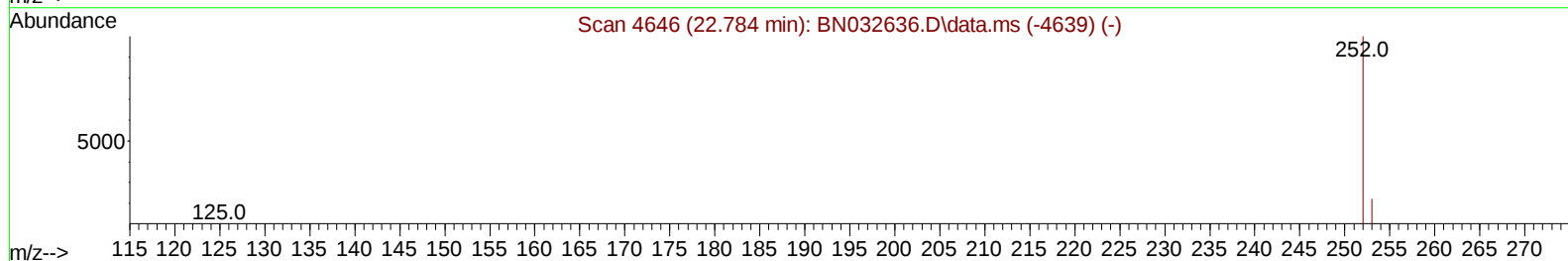
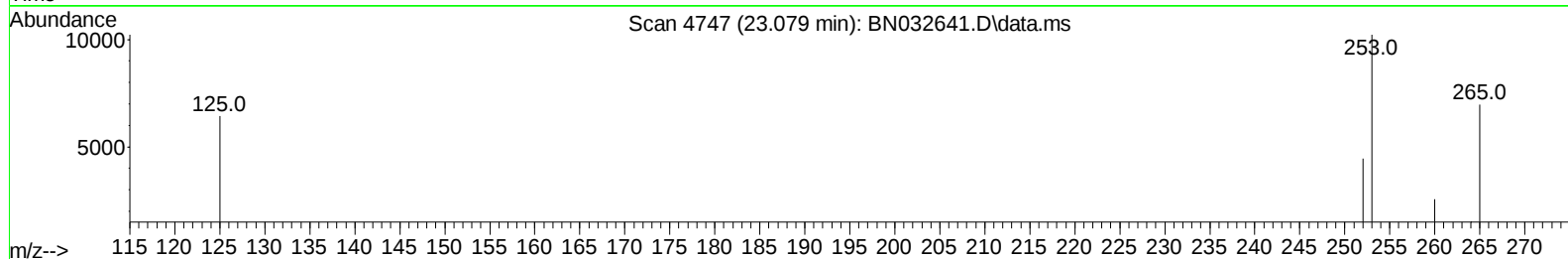
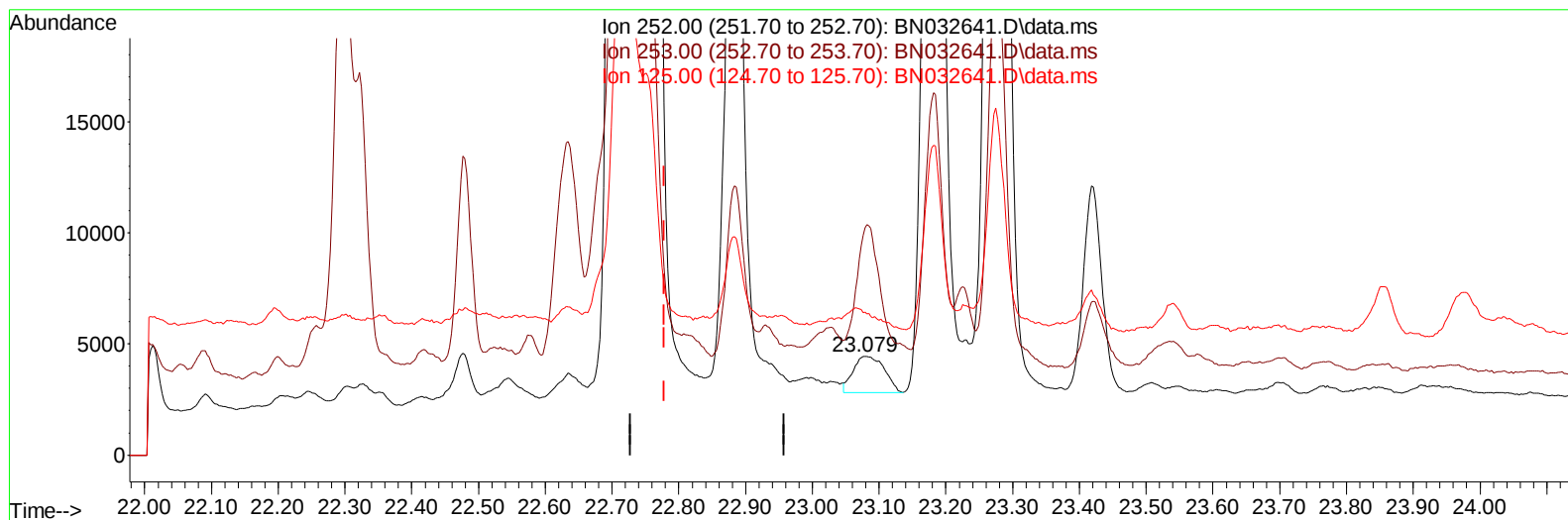
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(25) Benzo(k)fluoranthene

23.079min (+ 0.301) 0.07 ng/u1

response 5197

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	229.85#
125.00	18.50	144.82#
0.00	0.00	0.00

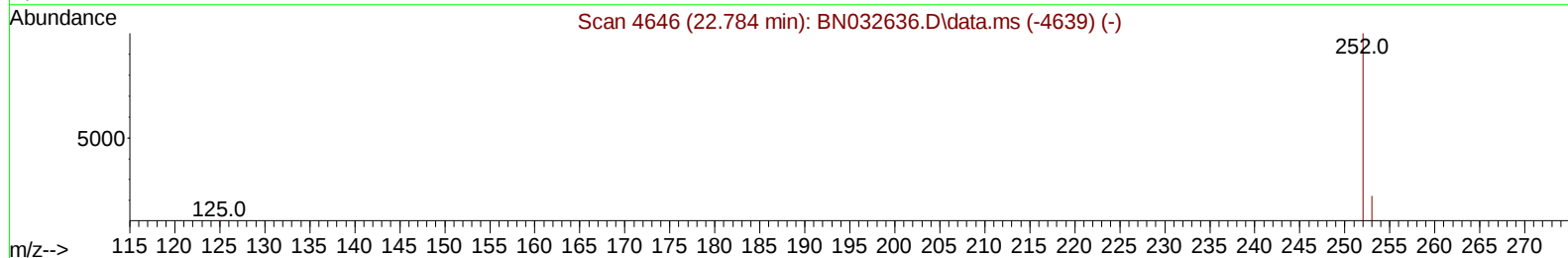
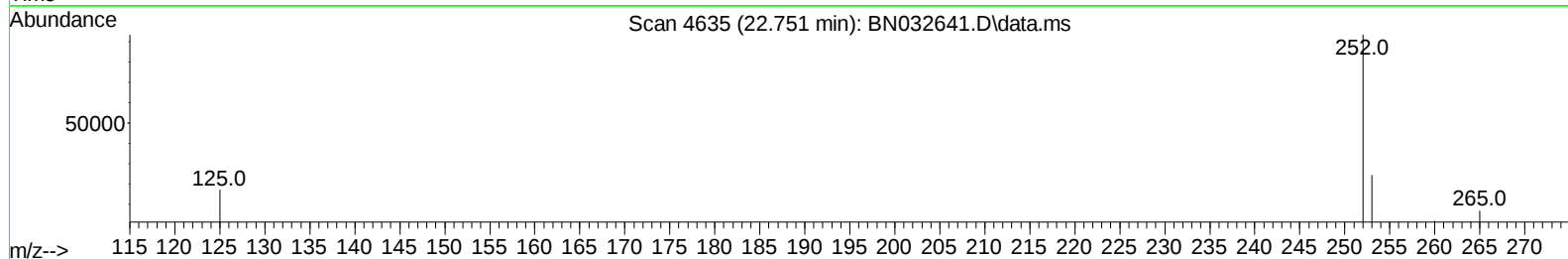
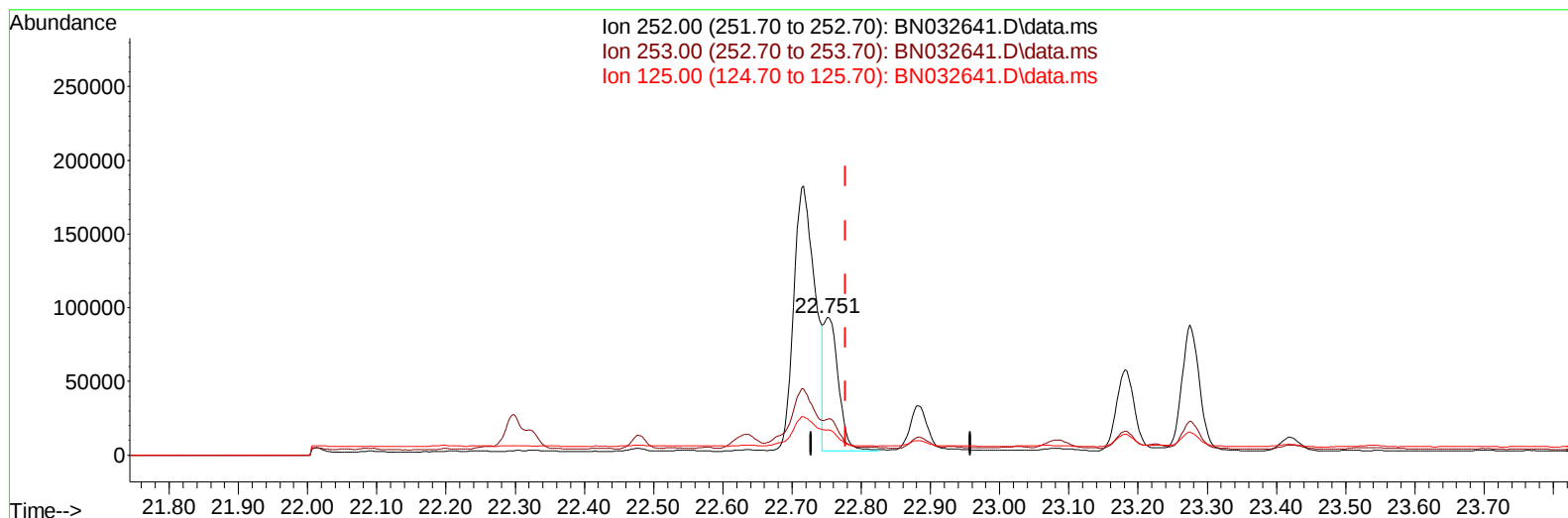
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

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

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(25) Benzo(k)fluoranthene

22.751min (-0.026) 1.78 ng/u1 m

response 135168

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	26.22
125.00	18.50	18.39
0.00	0.00	0.00

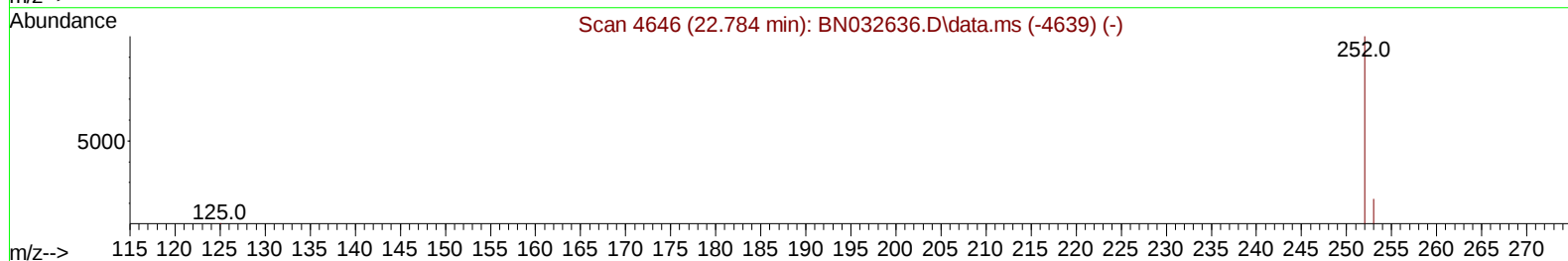
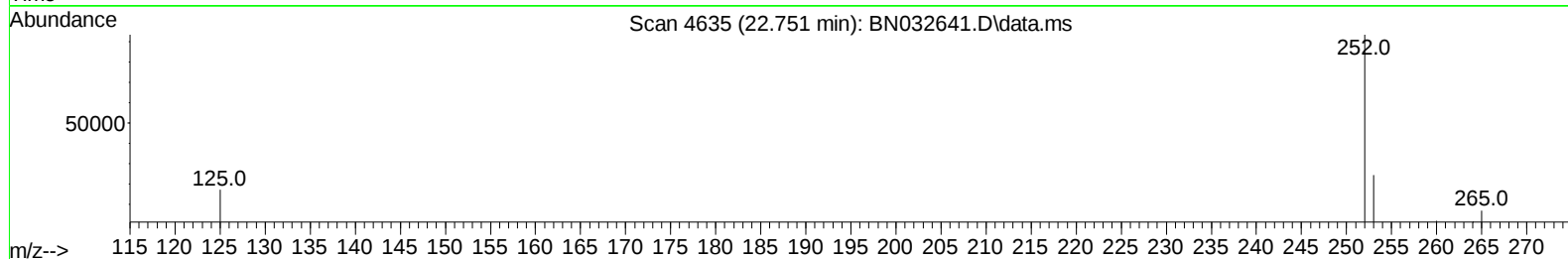
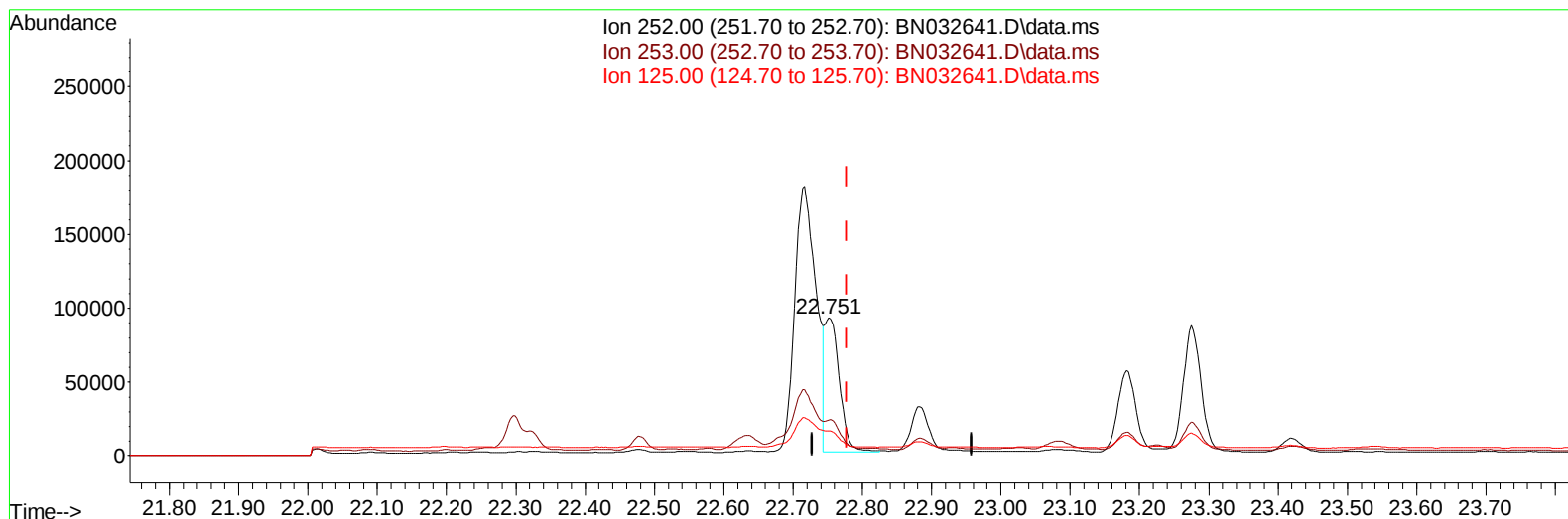
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(25) Benzo(k)fluoranthene

22.751min (-0.026) 1.78 ng/u1 m

response 135168

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	26.22
125.00	18.50	18.39
0.00	0.00	0.00

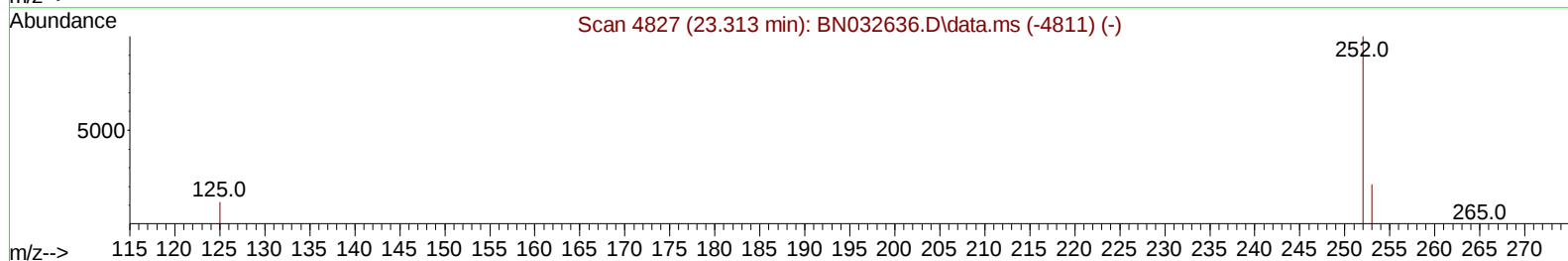
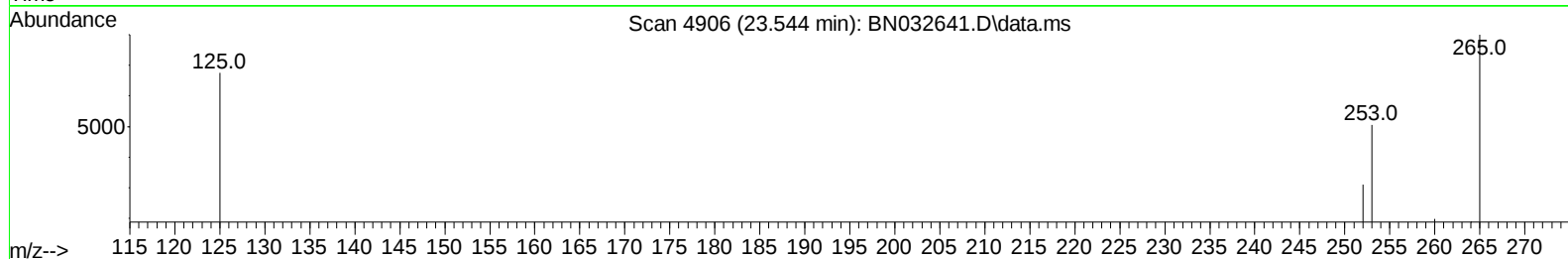
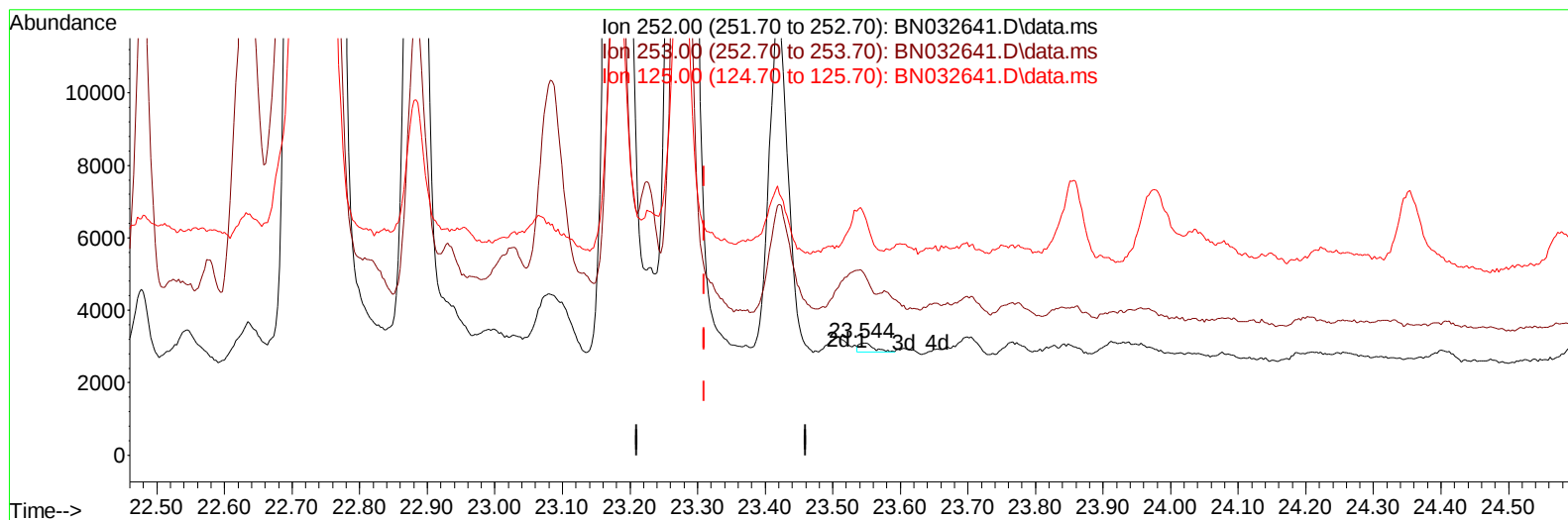
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(26) Benzo(a)pyrene (C)

23.544min (+ 0.234) 0.01 ng/u1

response 401

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	163.29#
125.00	25.70	217.81#
0.00	0.00	0.00

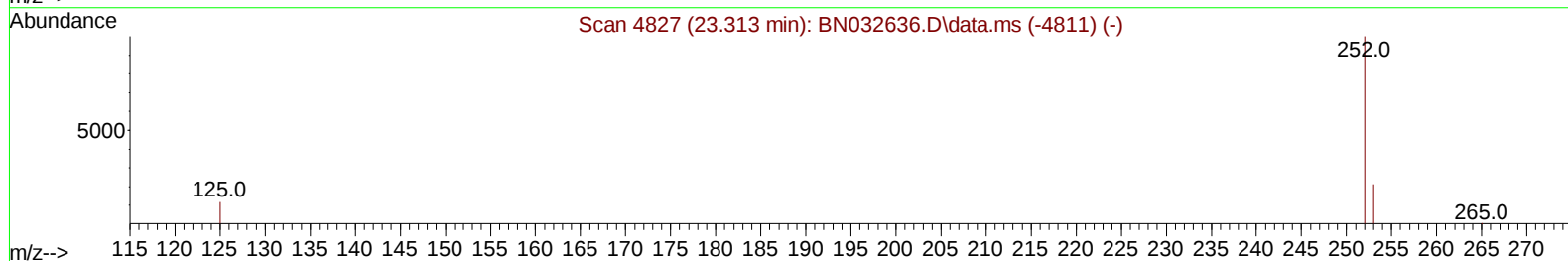
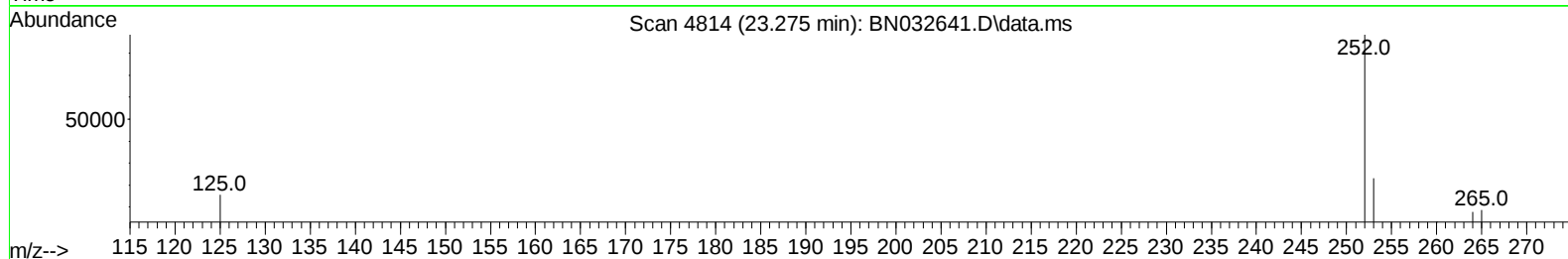
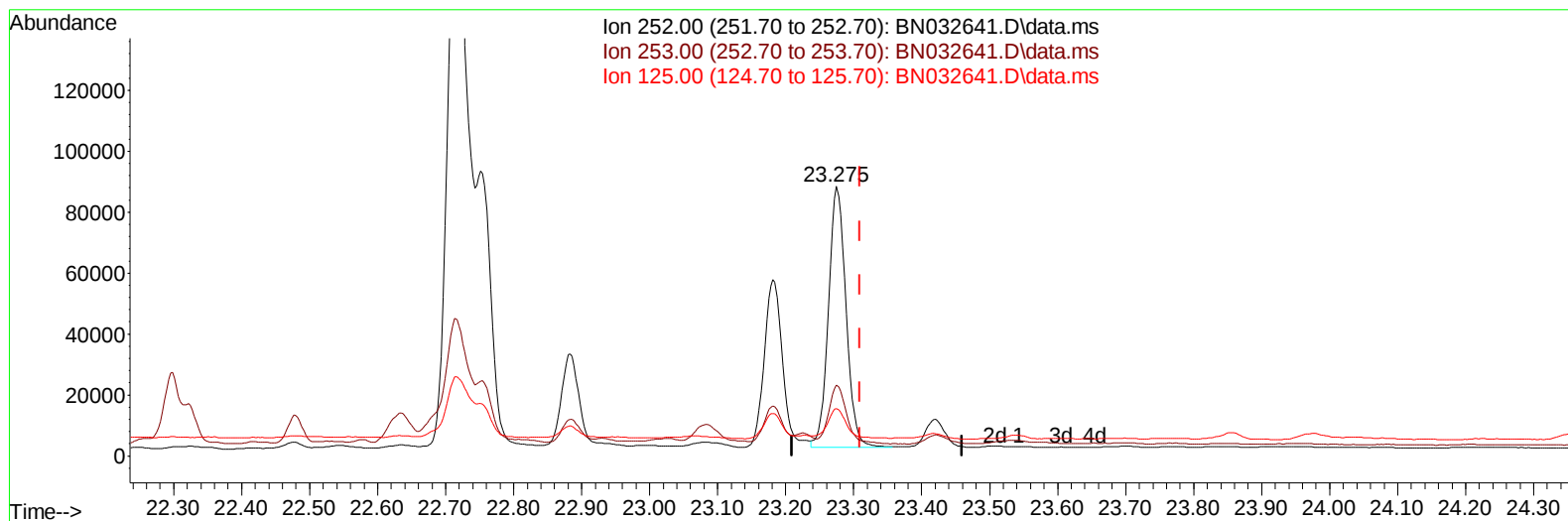
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(26) Benzo(a)pyrene (C)

23.275min (-0.035) 2.85 ng/u1 m

response 153150

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	26.25
125.00	25.70	17.66#
0.00	0.00	0.00

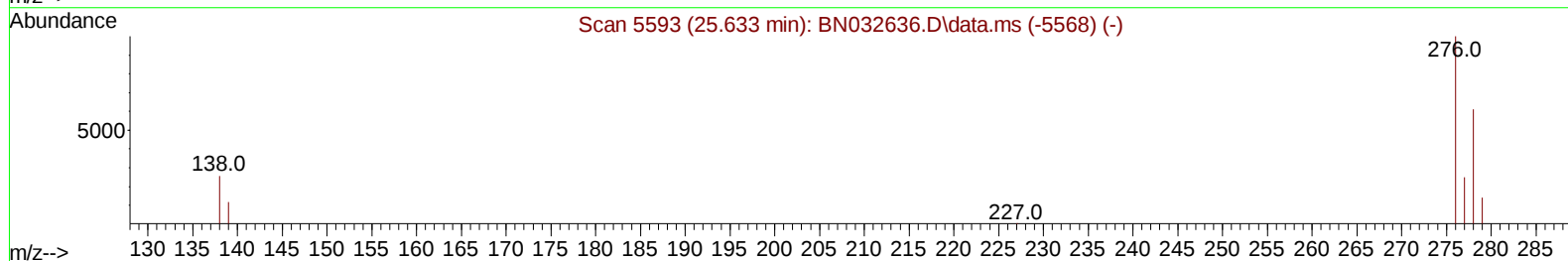
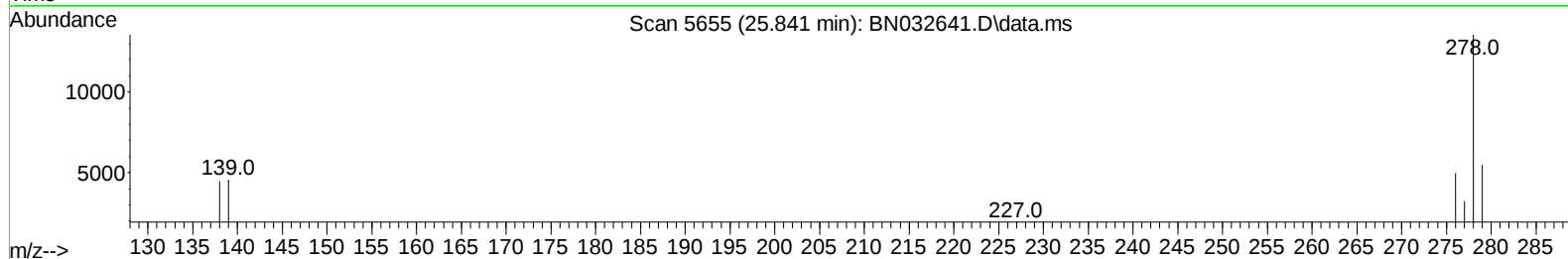
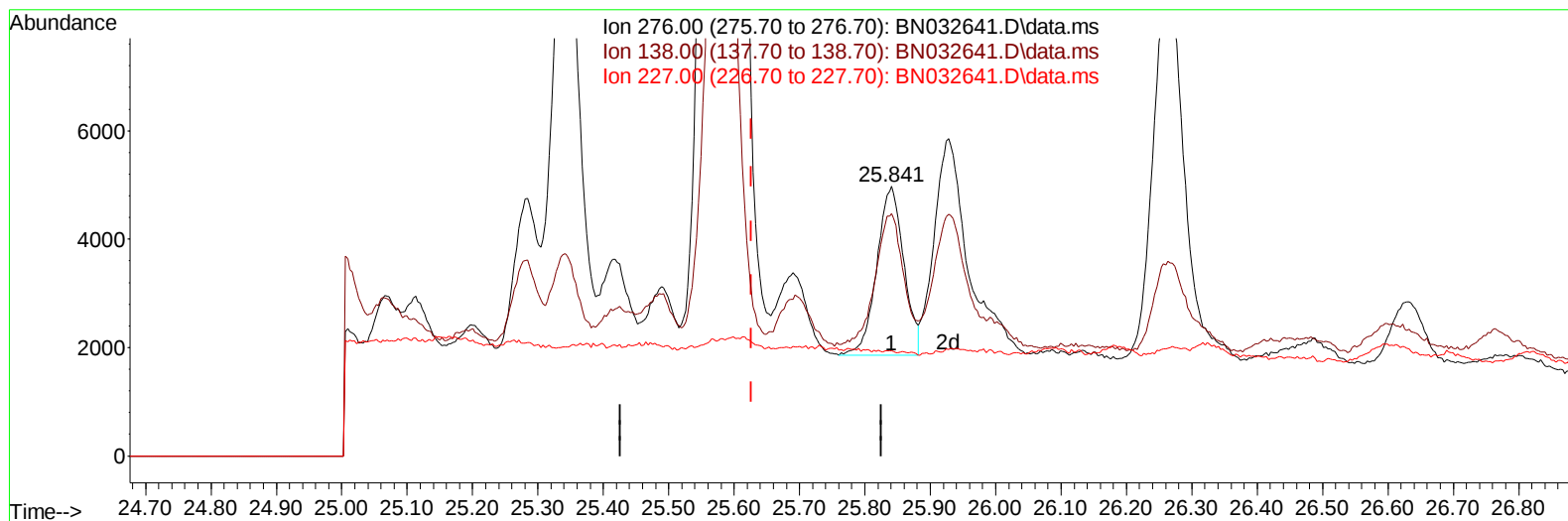
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

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

25.841min (+ 0.215) 0.12 ng/u1

response 8964

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	83.66#
227.00	0.00	0.30#
0.00	0.00	0.00

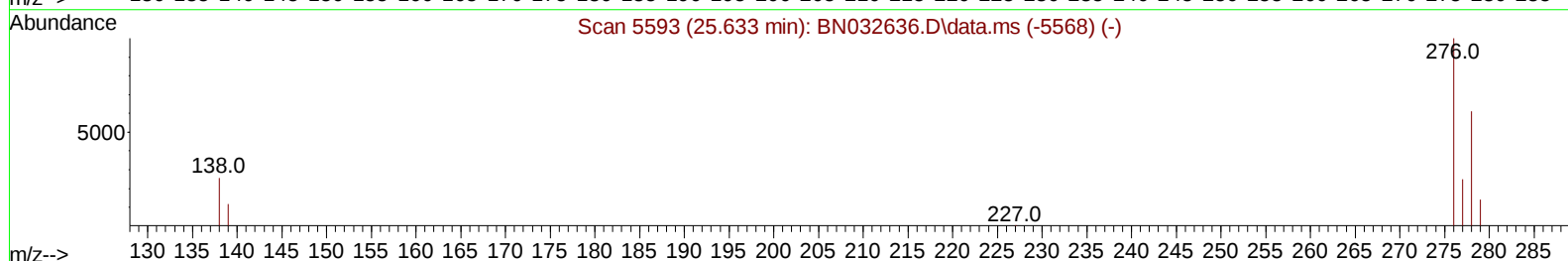
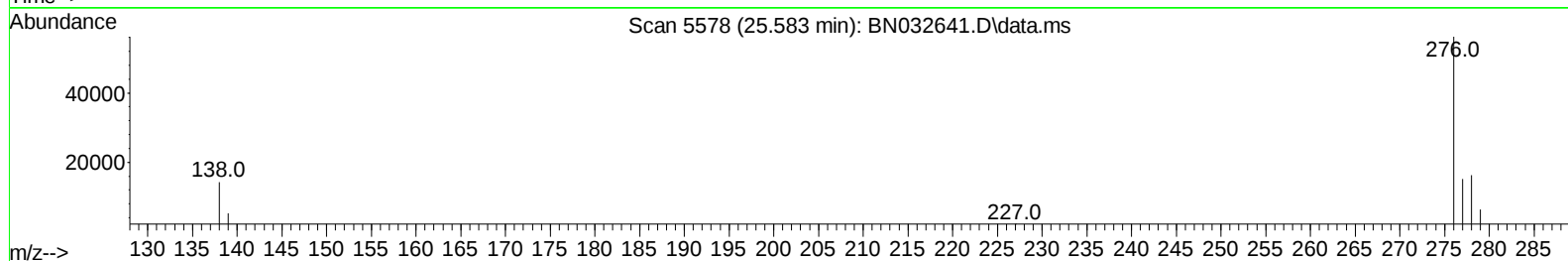
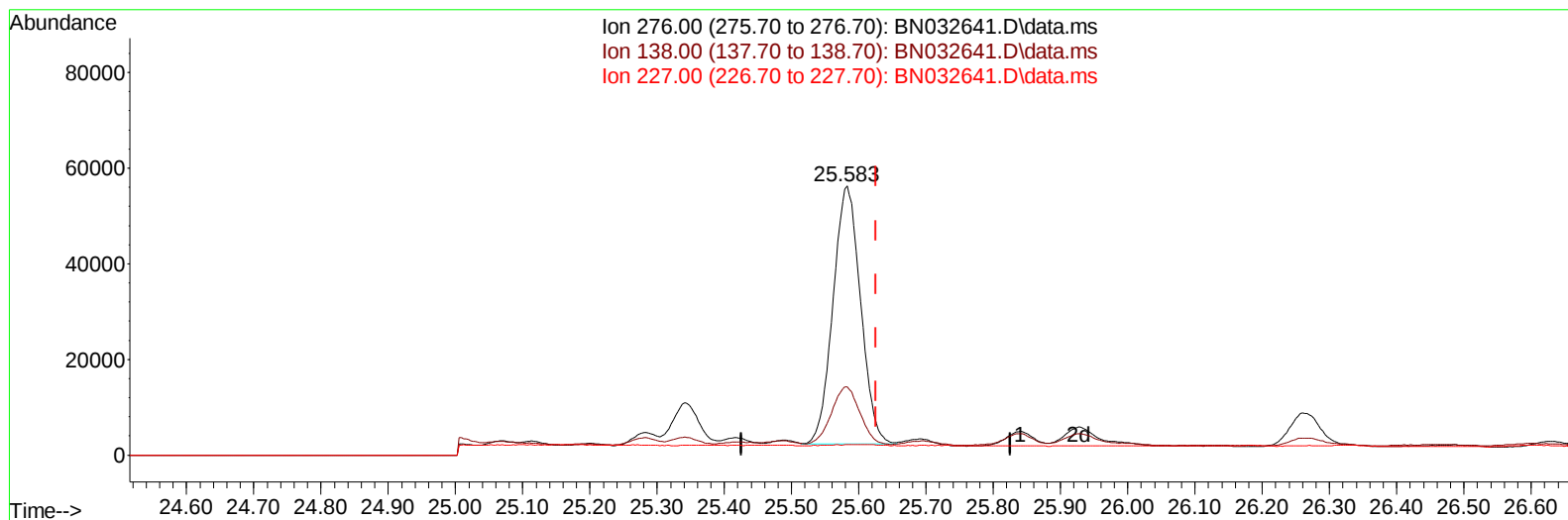
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

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

25.583min (-0.044) 2.11 ng/ul m

response 153510

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	4.89#
227.00	0.00	0.02#
0.00	0.00	0.00

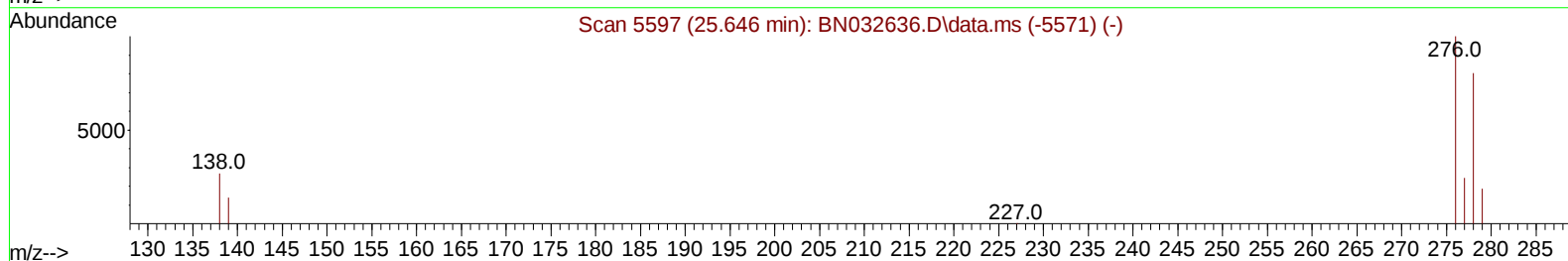
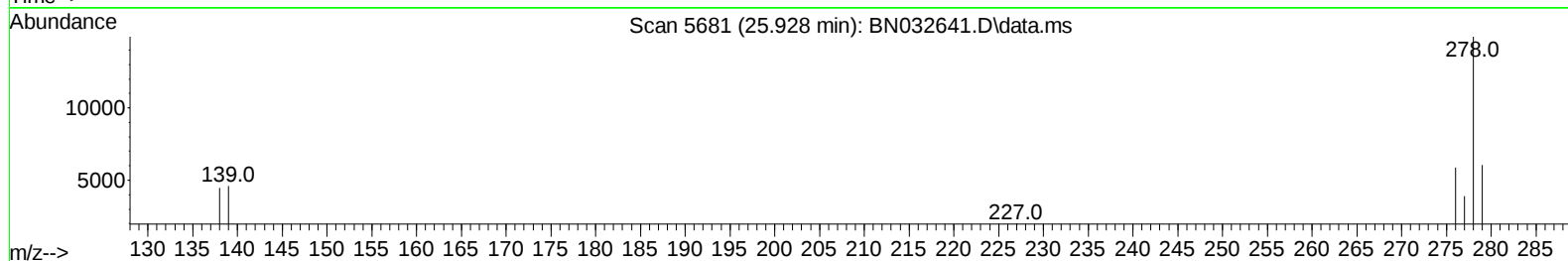
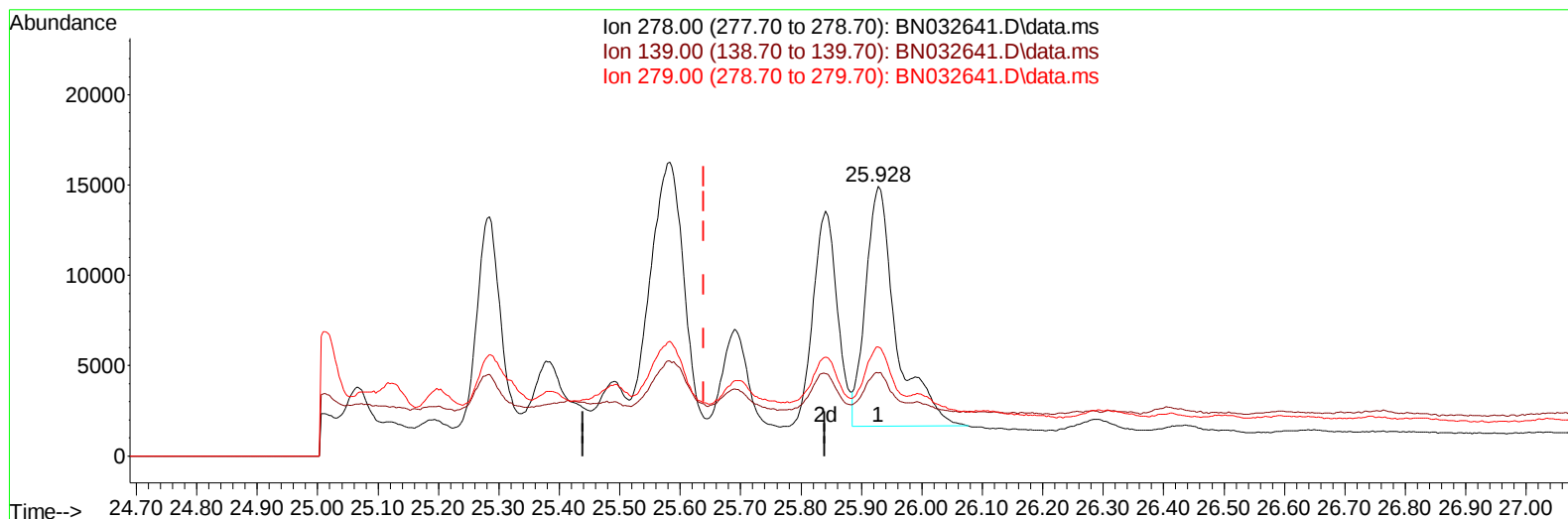
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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: BN032641.D\data.ms

(28) Dibenzo(a,h)anthracene

25.928min (+ 0.289) 0.83 ng/u1

response 46770

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	30.73#
279.00	29.60	40.51#
0.00	0.00	0.00

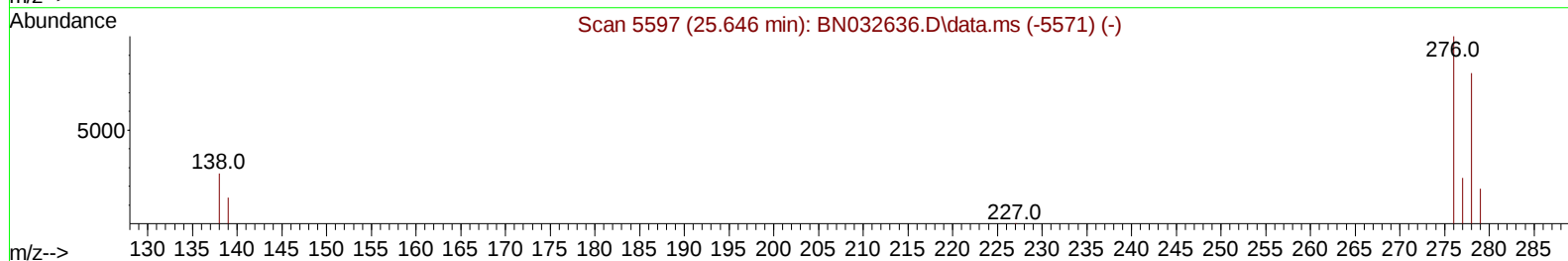
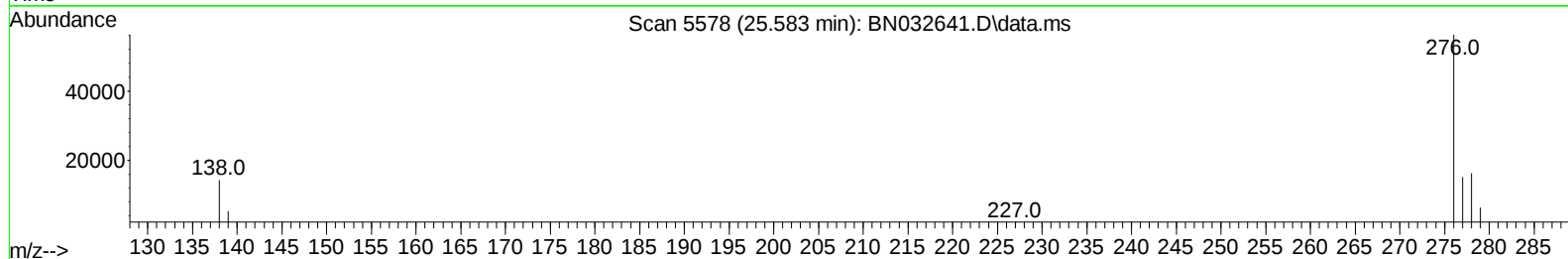
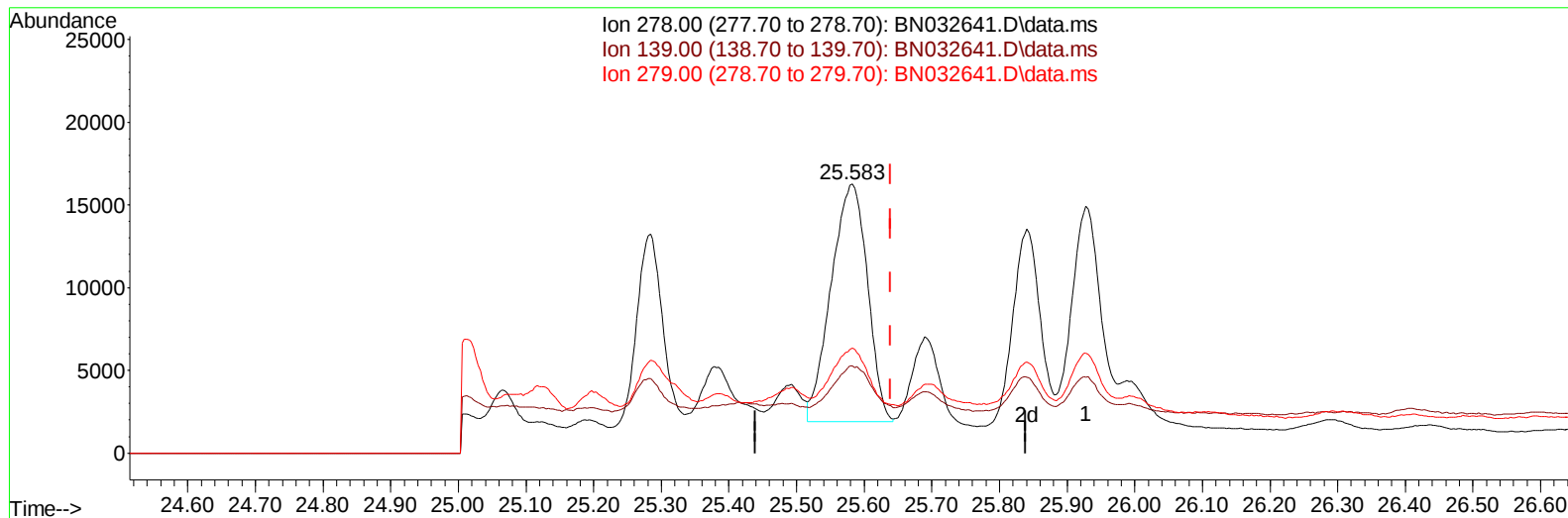
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 2024
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QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032641.D\data.ms

(28) Dibenzo(a,h)anthracene

25.583min (-0.057) 0.95 ng/u1 m

response 53673

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	32.36#
279.00	29.60	39.03#
0.00	0.00	0.00

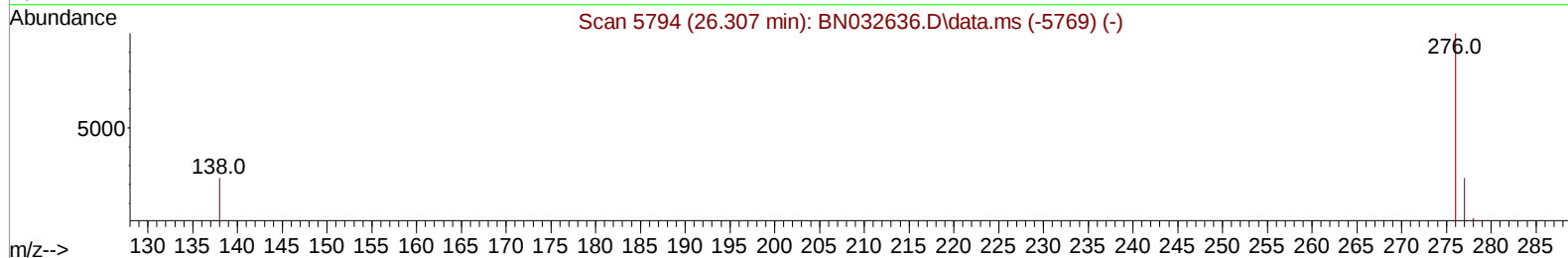
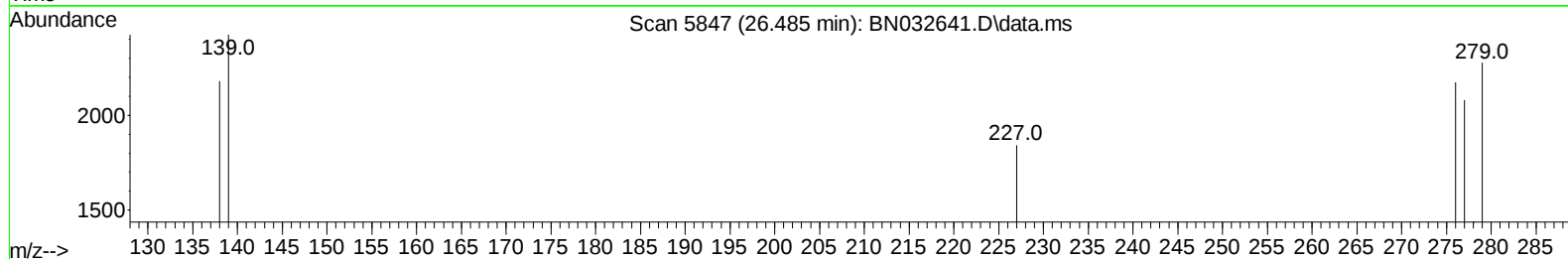
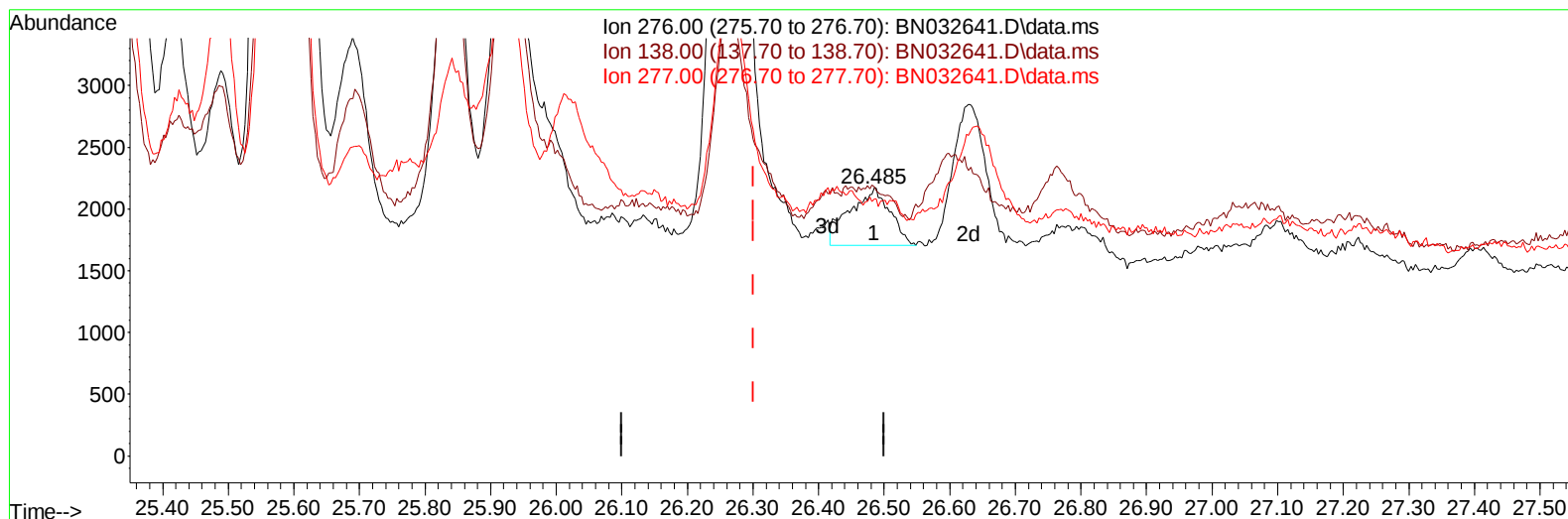
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 2024
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QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032641.D\data.ms

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

26.485min (+ 0.185) 0.03 ng/u1

response 1973

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	100.41#
277.00	25.80	95.72#
0.00	0.00	0.00

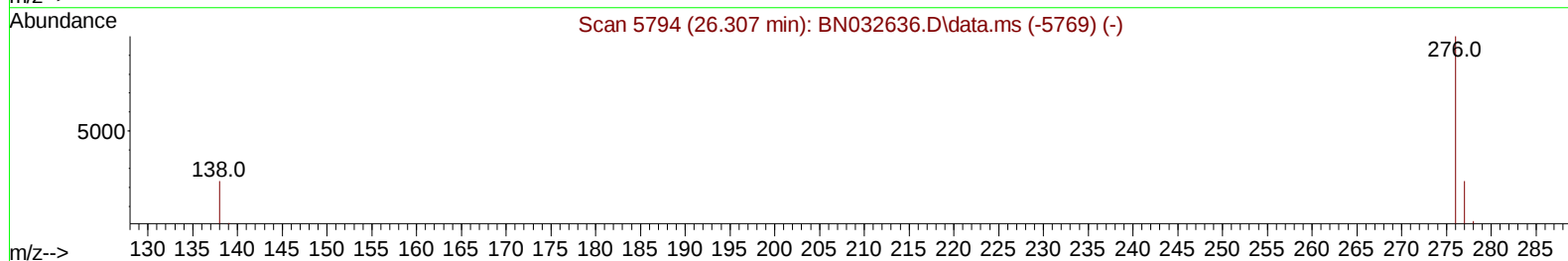
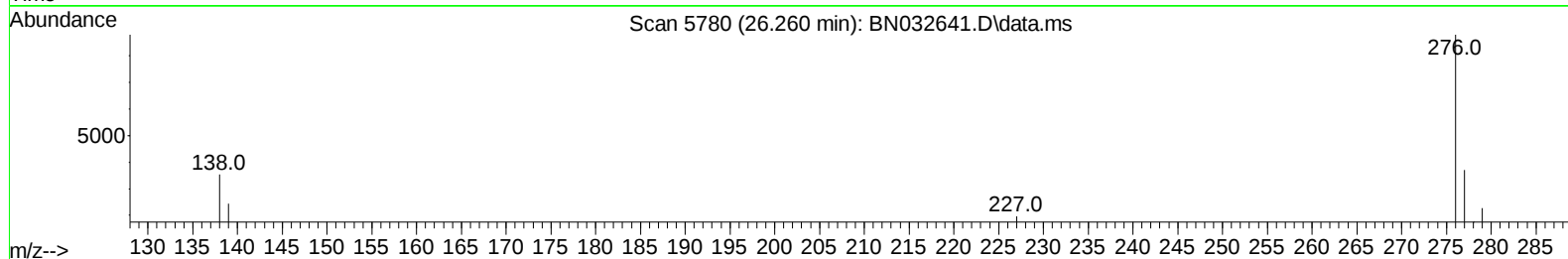
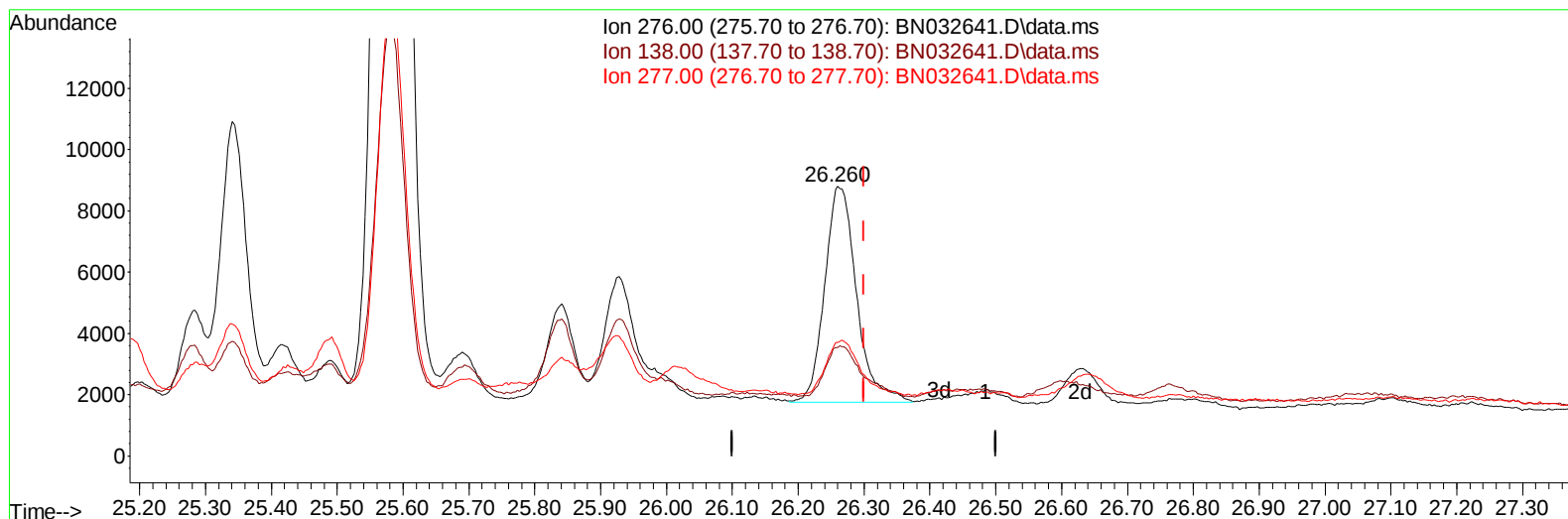
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 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
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TIC: BN032641.D\data.ms

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

26.260min (-0.040) 0.39 ng/ul m

response 23502

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	40.13#
277.00	25.80	42.17#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032641.D
 Acq On : 11 Jul 2024 18:20
 Operator : MA/JU
 Sample : P3035-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 2024
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 QLast Update : Fri Jul 12 01:40:24 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7737	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	24731	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	14467	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	25830m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	15588m	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	17617m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	22441	2.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	8297	0.222	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	14081m	0.277	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.376	128	6680	0.101	ng/ul	97
7) 2-Methylnaphthalene	12.004	142	2683	0.065	ng/ul	98
8) 1-Methylnaphthalene	12.224	142	2513	0.059	ng/ul	99
10) Acenaphthylene	13.925	152	45902	0.785	ng/ul	99
11) Acenaphthene	14.267	153	9069	0.188	ng/ul	100
12) Fluorene	15.262	166	20220	0.366	ng/ul	99
15) Phenanthrene	16.999	178	373163m	5.305	ng/ul	
16) Anthracene	17.092	178	60698m	1.056	ng/ul	
19) Fluoranthene	19.031	202	635243m	10.023	ng/ul	
20) Pyrene	19.399	202	481320m	7.337	ng/ul	
21) Benzo(a)anthracene	21.159	228	259581m	5.232	ng/ul	
22) Chrysene	21.212	228	318061m	4.431	ng/ul	
24) Benzo(b)fluoranthene	22.716	252	384653m	6.188	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	135168m	1.784	ng/ul	
26) Benzo(a)pyrene	23.275	252	153150m	2.847	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.583	276	153510m	2.108	ng/ul	
28) Dibenzo(a,h)anthracene	25.583	278	53673m	0.951	ng/ul	
29) Benzo(g,h,i)perylene	26.260	276	23502m	0.386	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX3

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:55:40 2024
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