

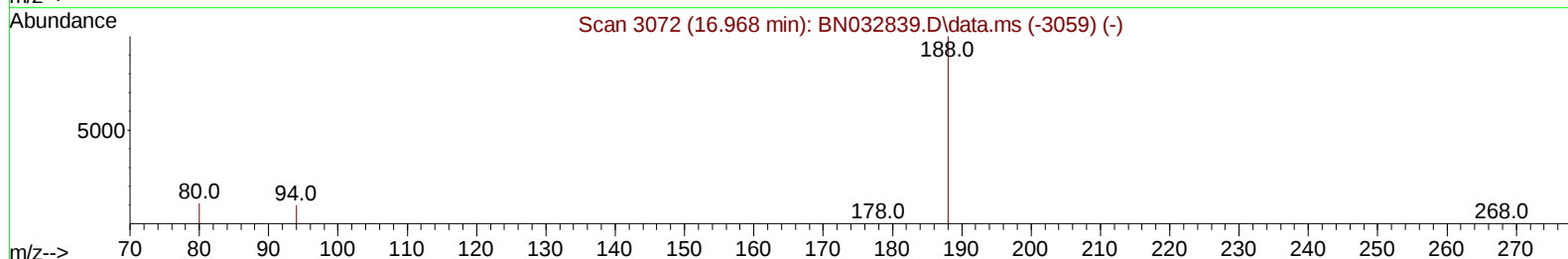
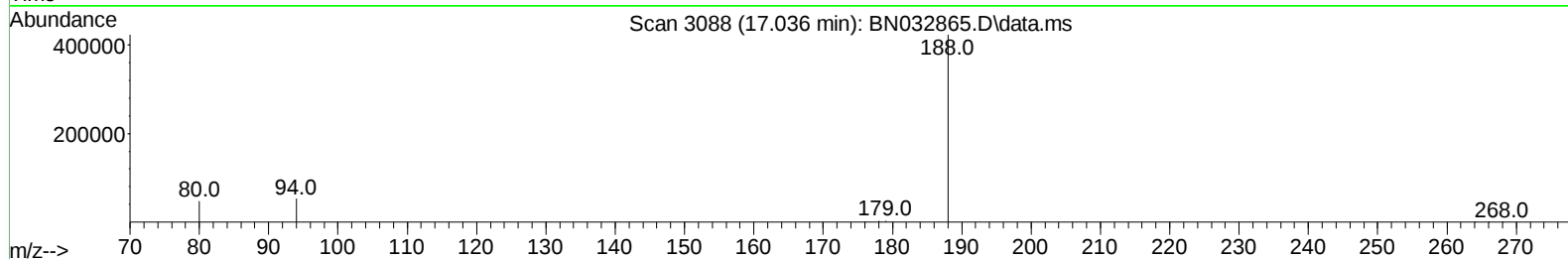
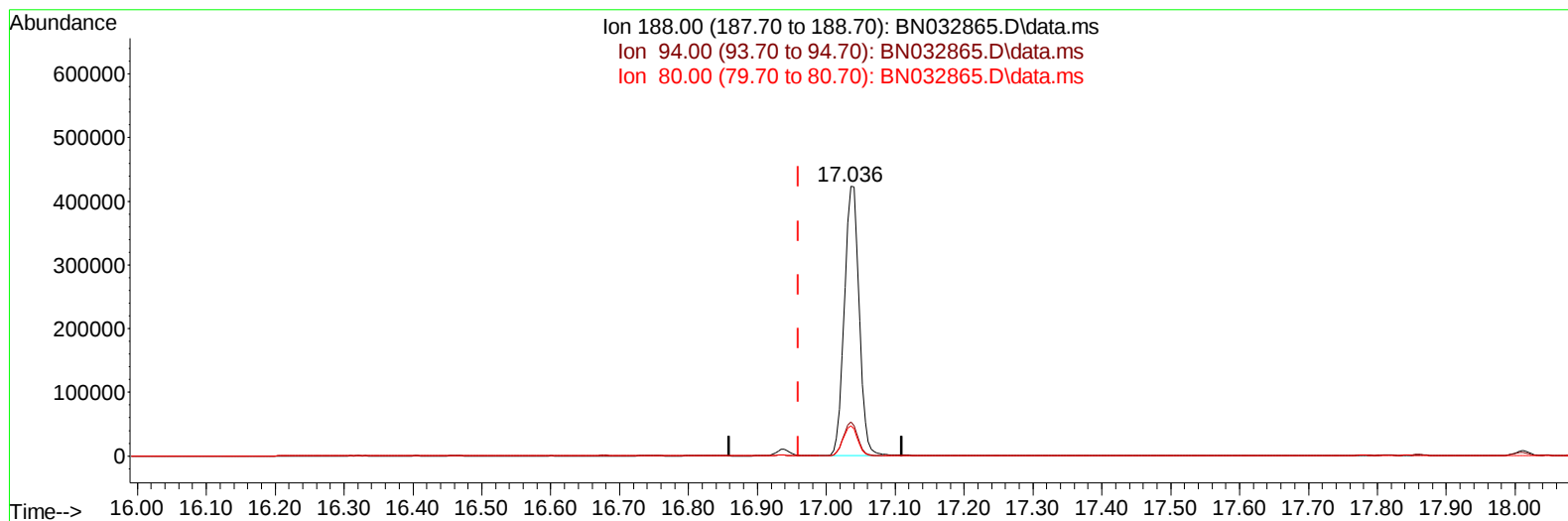
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(13) Phenanthrene-d10 (I)

17.036min (+ 0.076) 0.40 ng/u1

response 634404

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.55
80.00	12.00	11.26
0.00	0.00	0.00

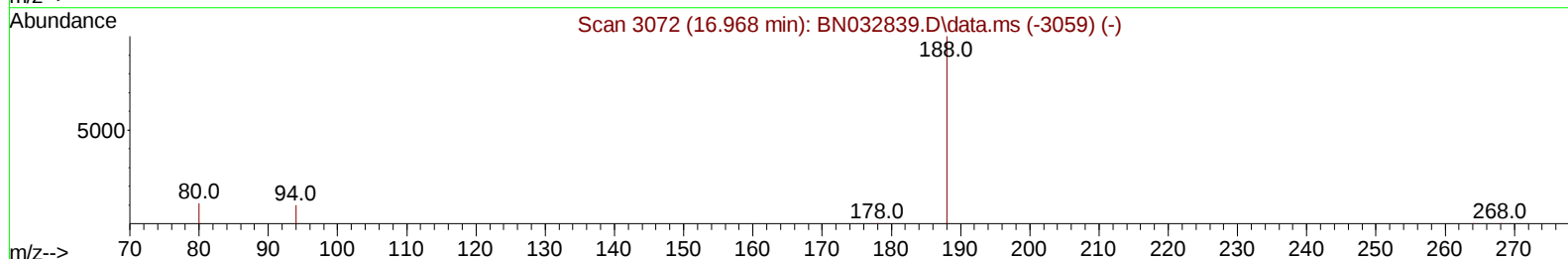
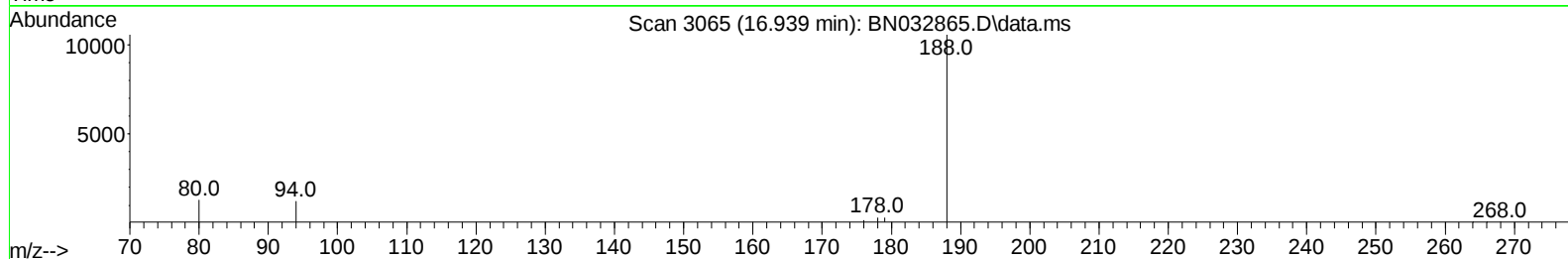
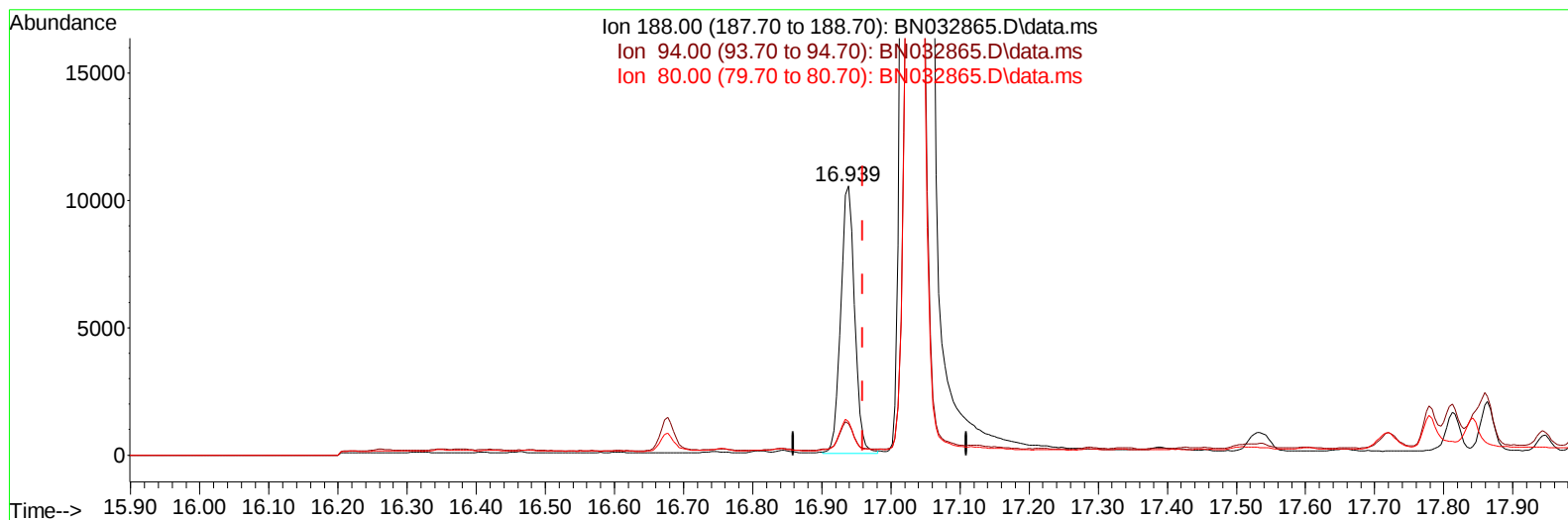
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(13) Phenanthrene-d10 (I)

16.939min (-0.021) 0.40 ng/ul m

response 14558

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.68
80.00	12.00	12.32
0.00	0.00	0.00

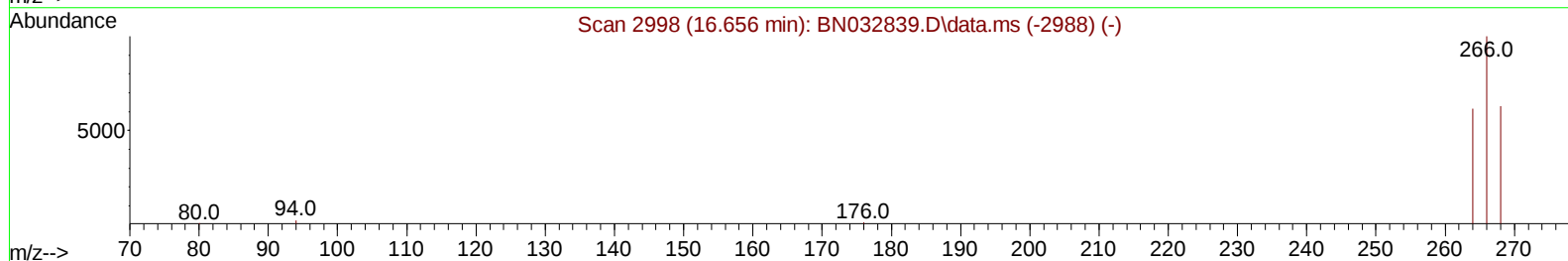
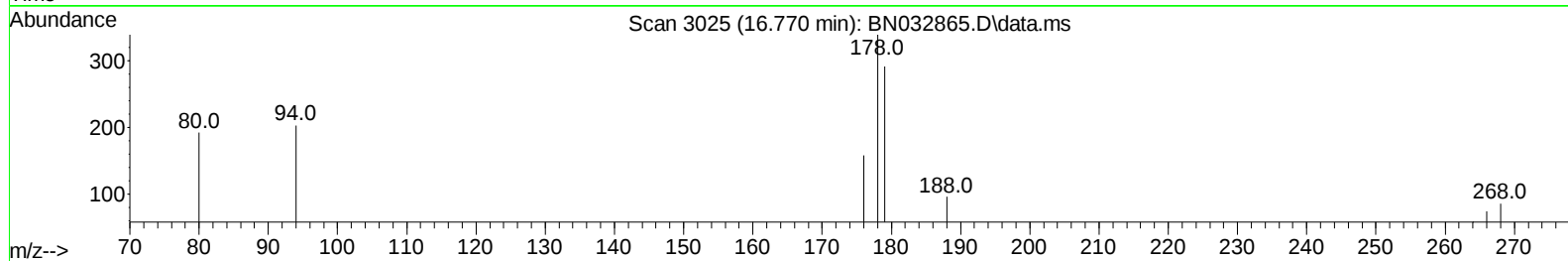
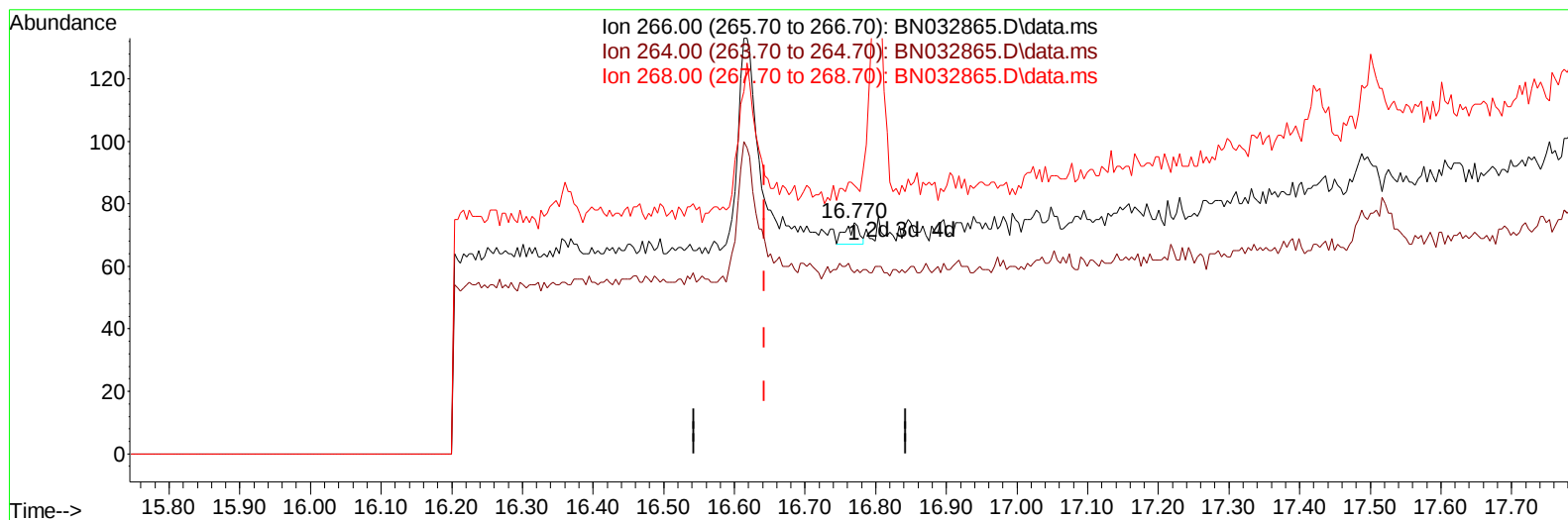
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

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

Quant Time: Jul 20 06:39:43 2024
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QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032865.D\data.ms

(14) Pentachloropheno1

16.770min (+ 0.127) 0.00 ng/u1

response 10

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.00#
268.00	64.50	110.00#
0.00	0.00	0.00

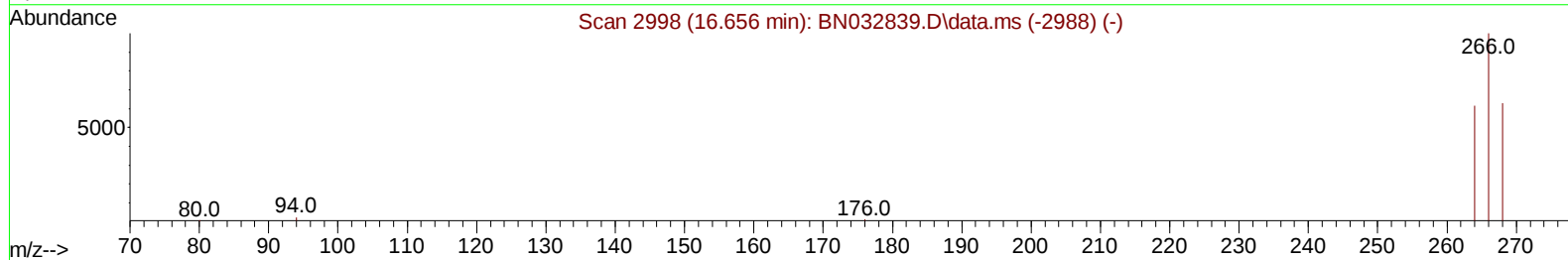
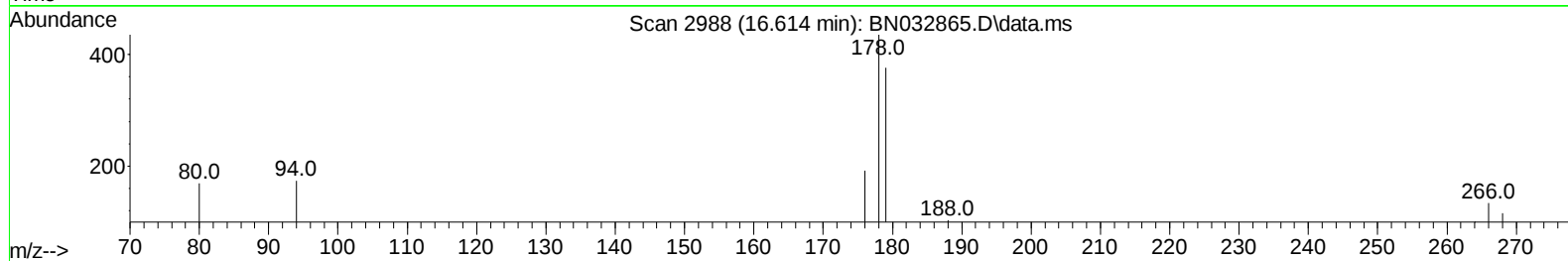
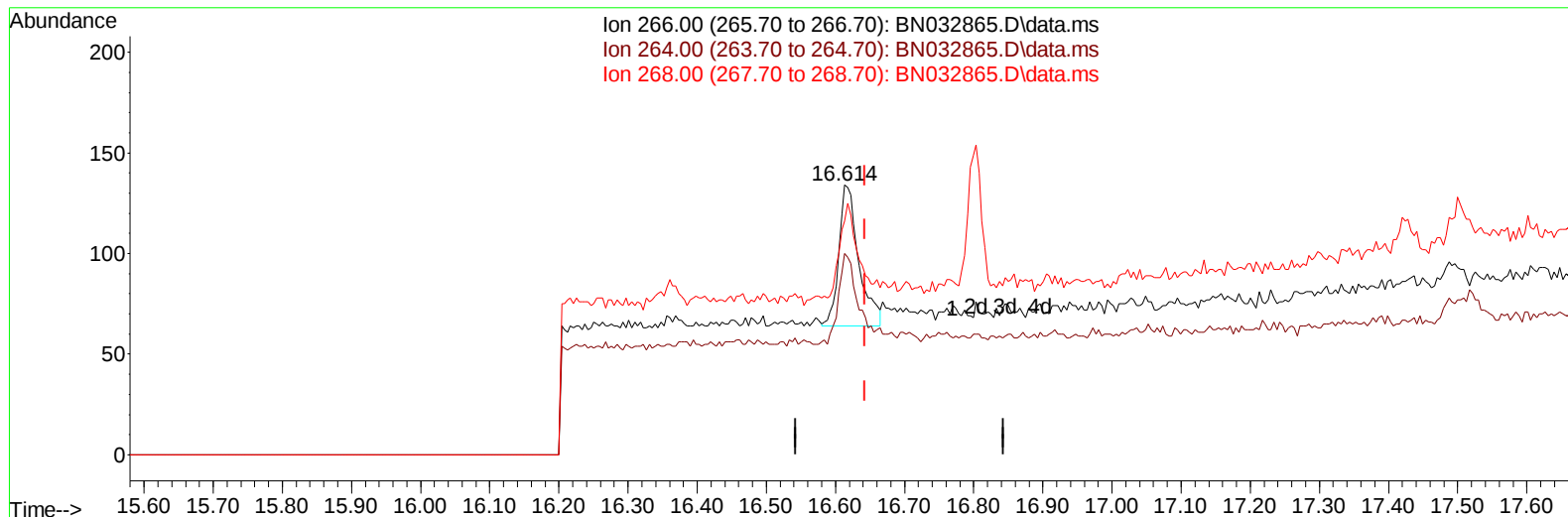
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 2024
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QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(14) Pentachloropheno1

16.614min (-0.029) 0.06 ng/ul m

response 141

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.00#
268.00	64.50	7.80#
0.00	0.00	0.00

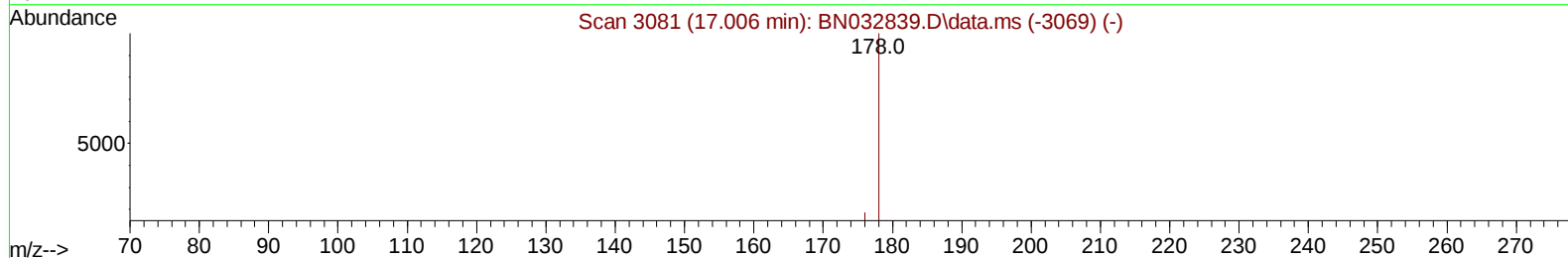
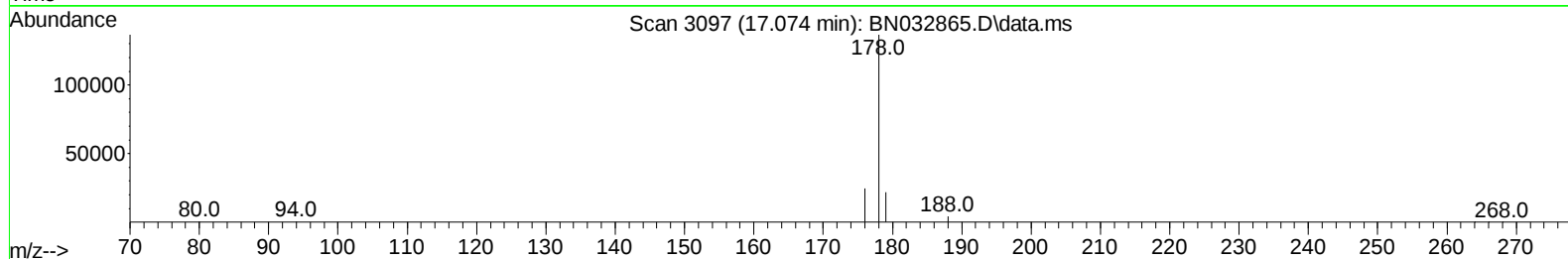
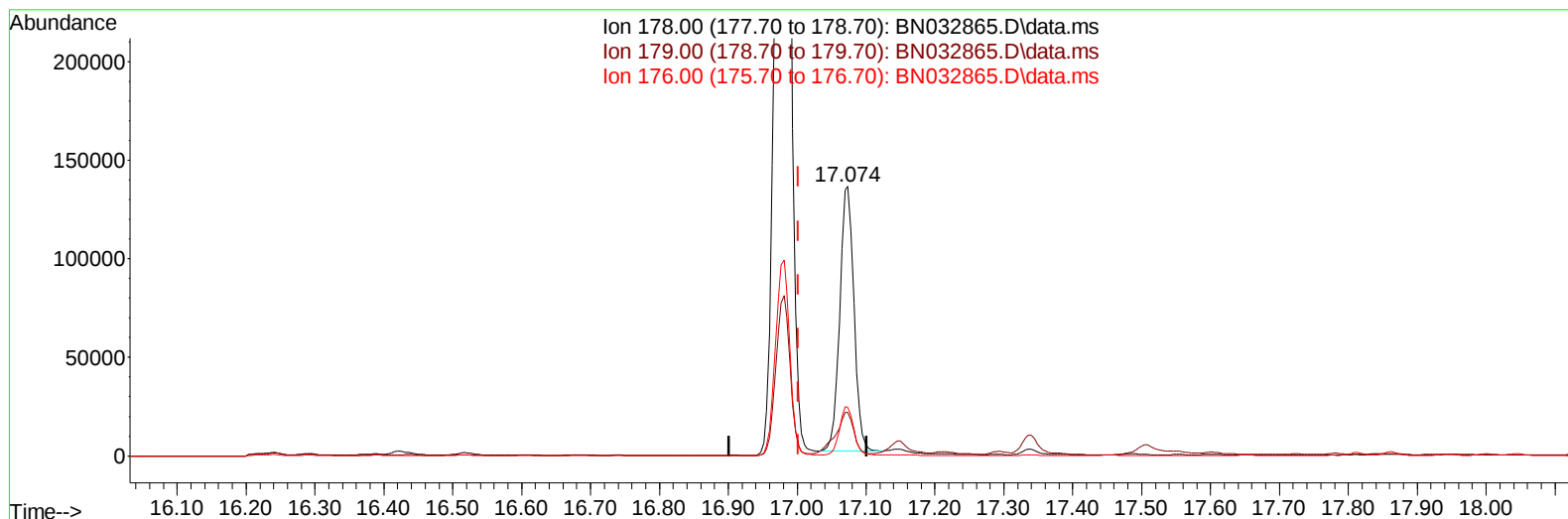
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 2024
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TIC: BN032865.D\data.ms

(15) Phenanthrene

17.074min (+ 0.072) 4.81 ng/u1

response 190565

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.09
176.00	19.50	18.09
0.00	0.00	0.00

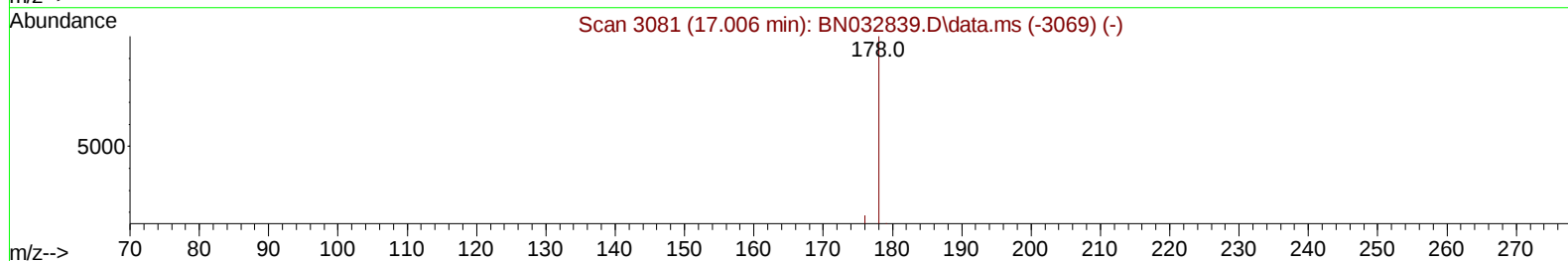
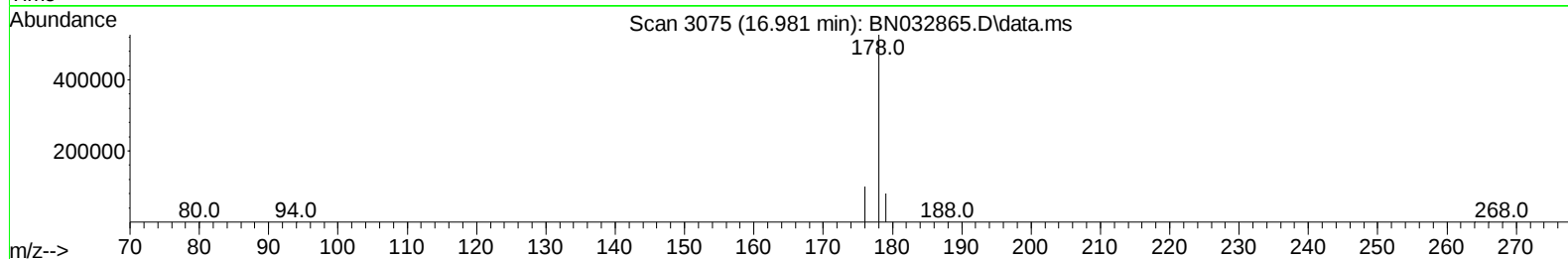
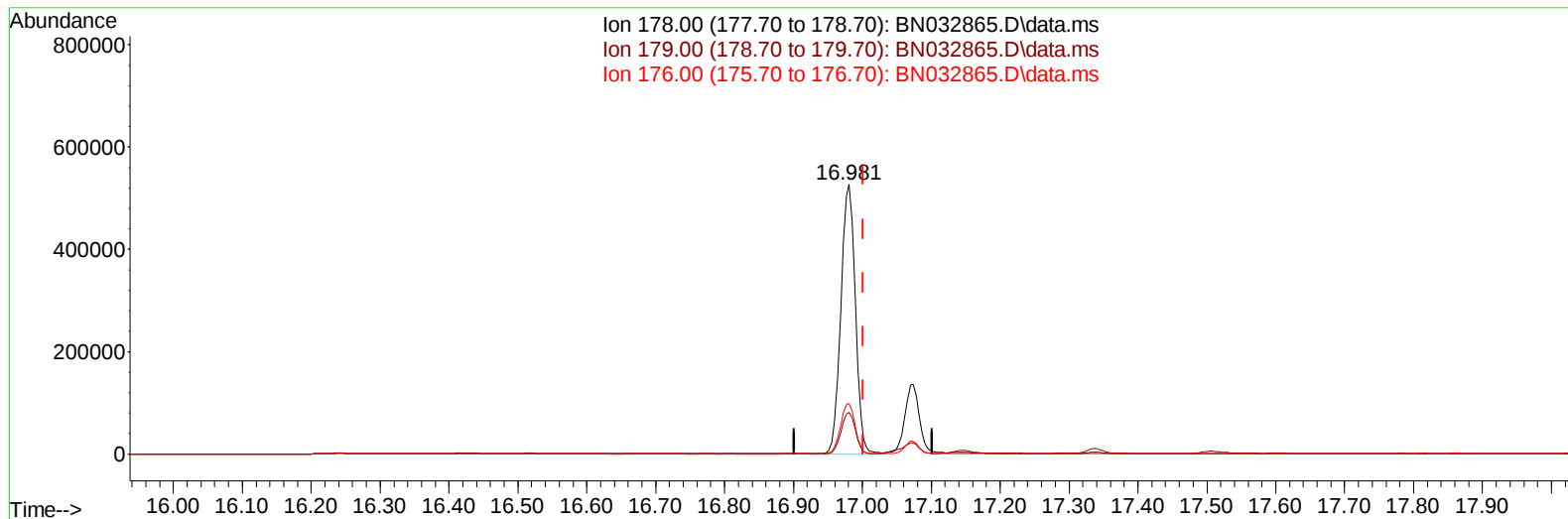
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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

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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(15) Phenanthrene

16.981min (-0.021) 19.27 ng/ul m

response 764036

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.44
176.00	19.50	18.86
0.00	0.00	0.00

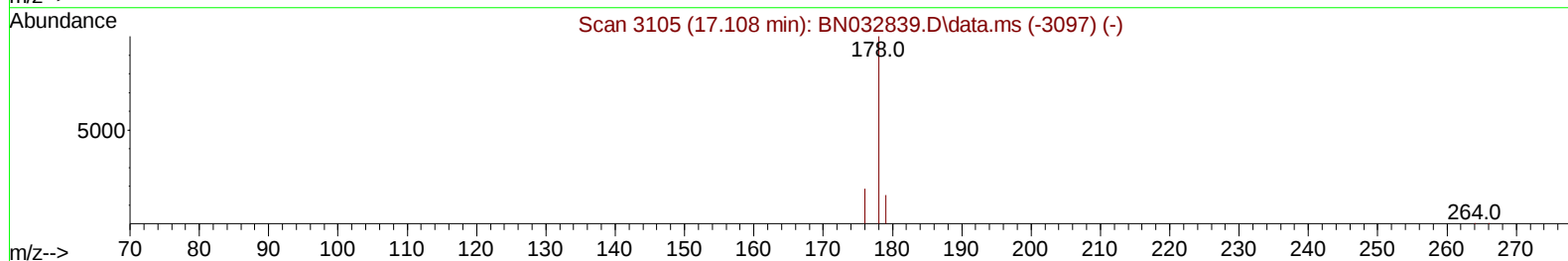
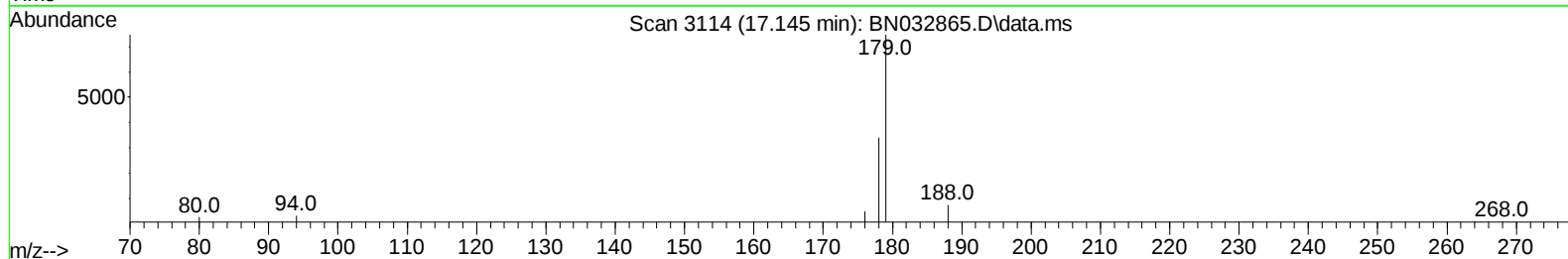
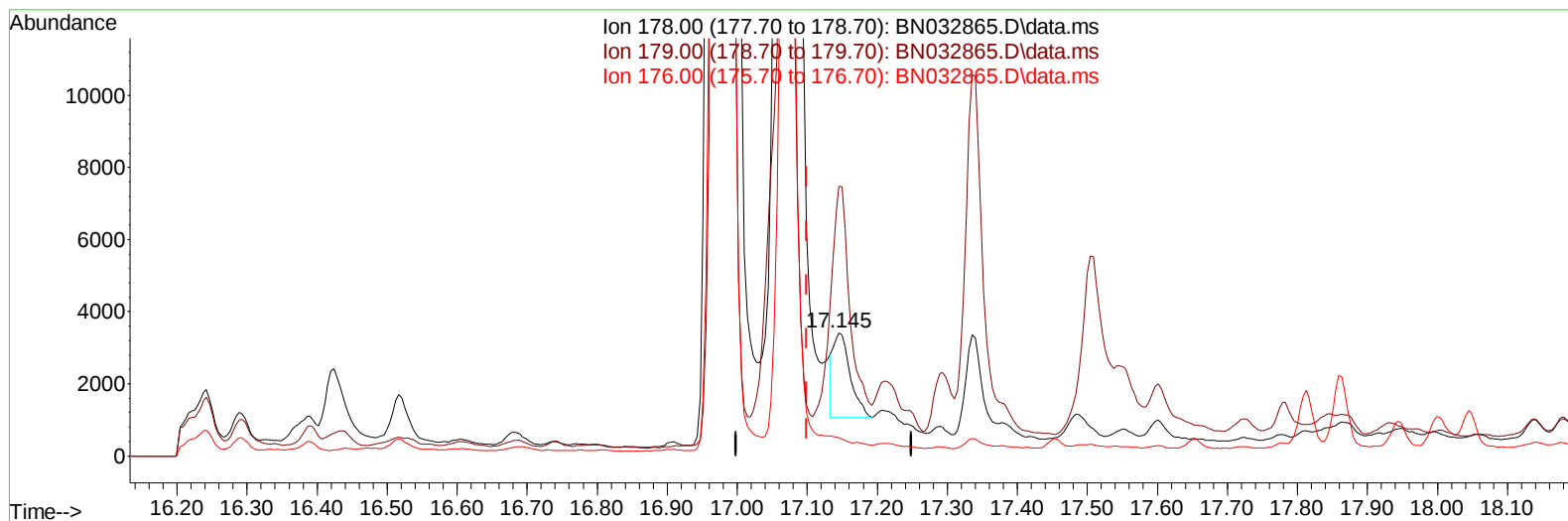
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
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TIC: BN032865.D\data.ms

(16) Anthracene

17.145min (+ 0.047) 0.12 ng/u1

response 3923

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	219.06#
176.00	19.20	14.69#
0.00	0.00	0.00

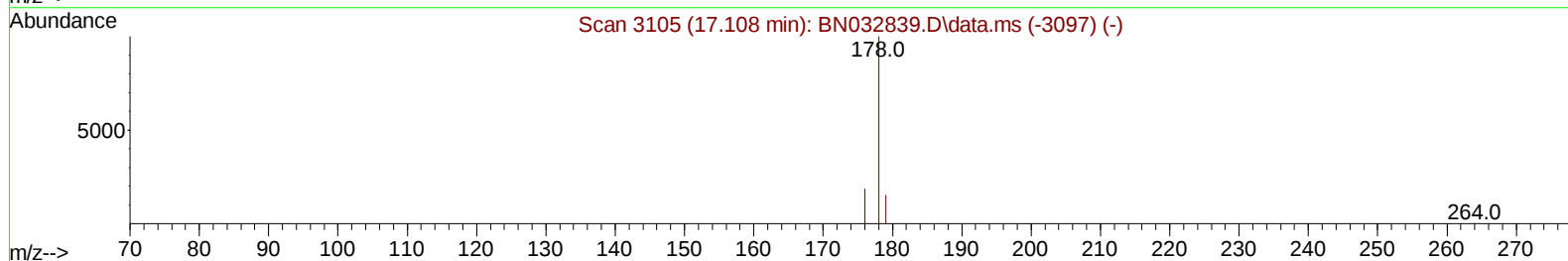
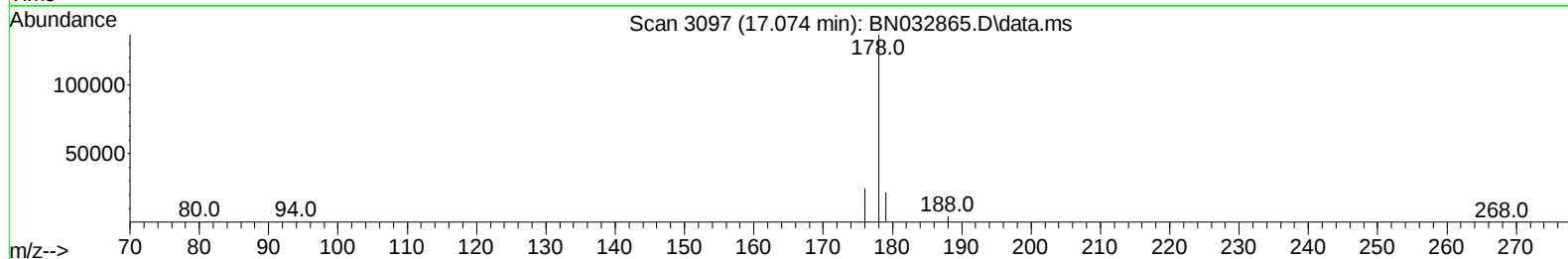
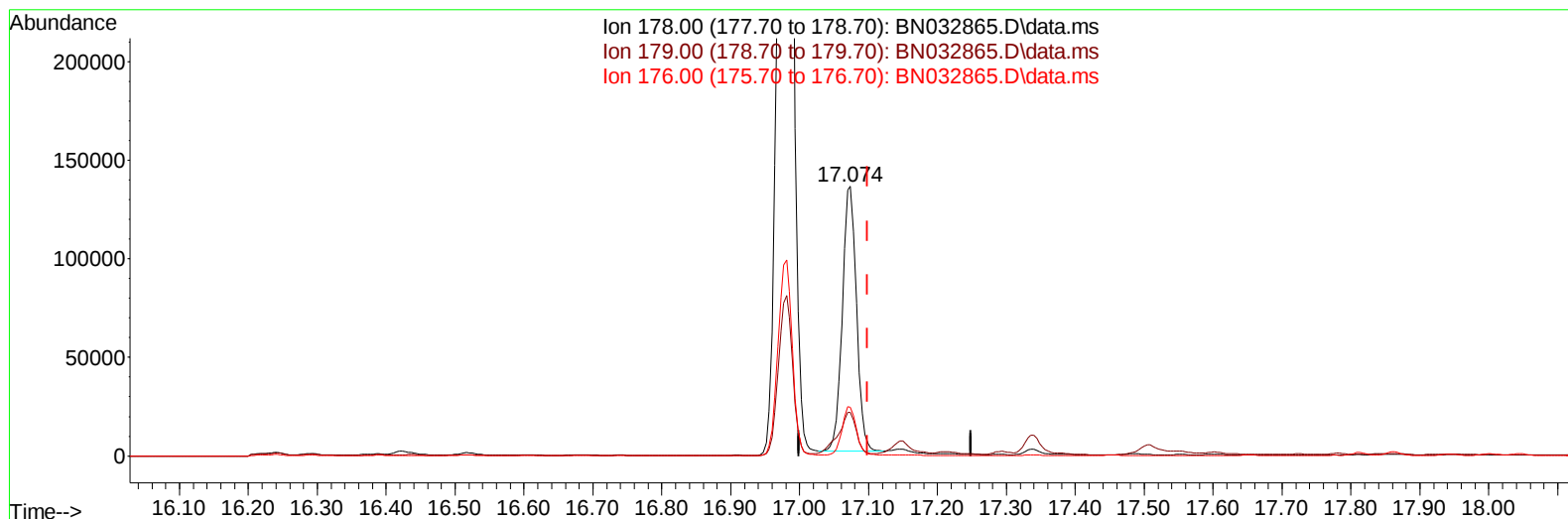
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(16) Anthracene

17.074min (-0.025) 5.92 ng/ul m

response 191902

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.09
176.00	19.20	18.09
0.00	0.00	0.00

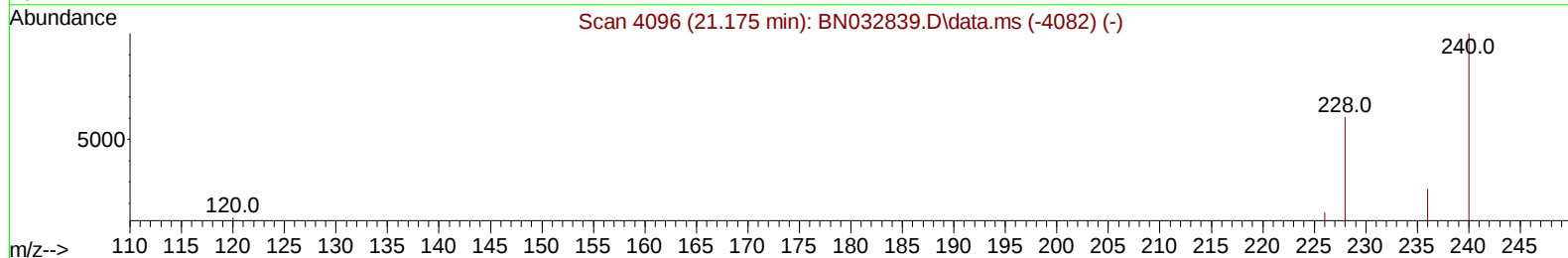
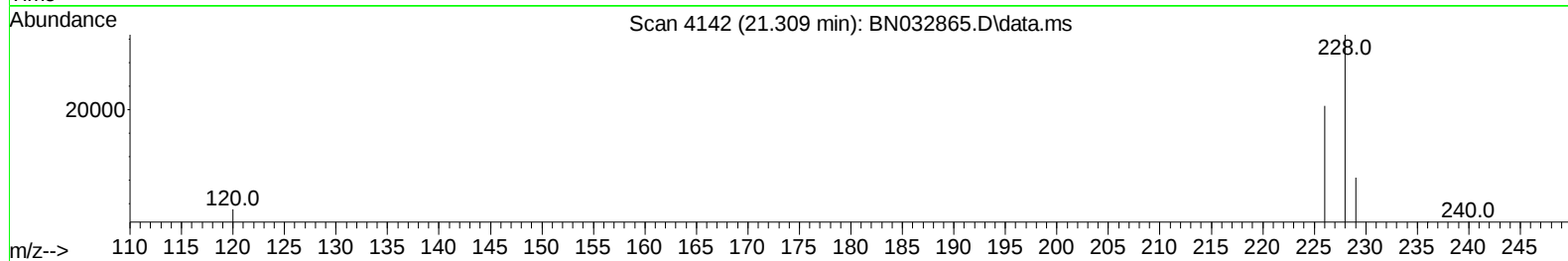
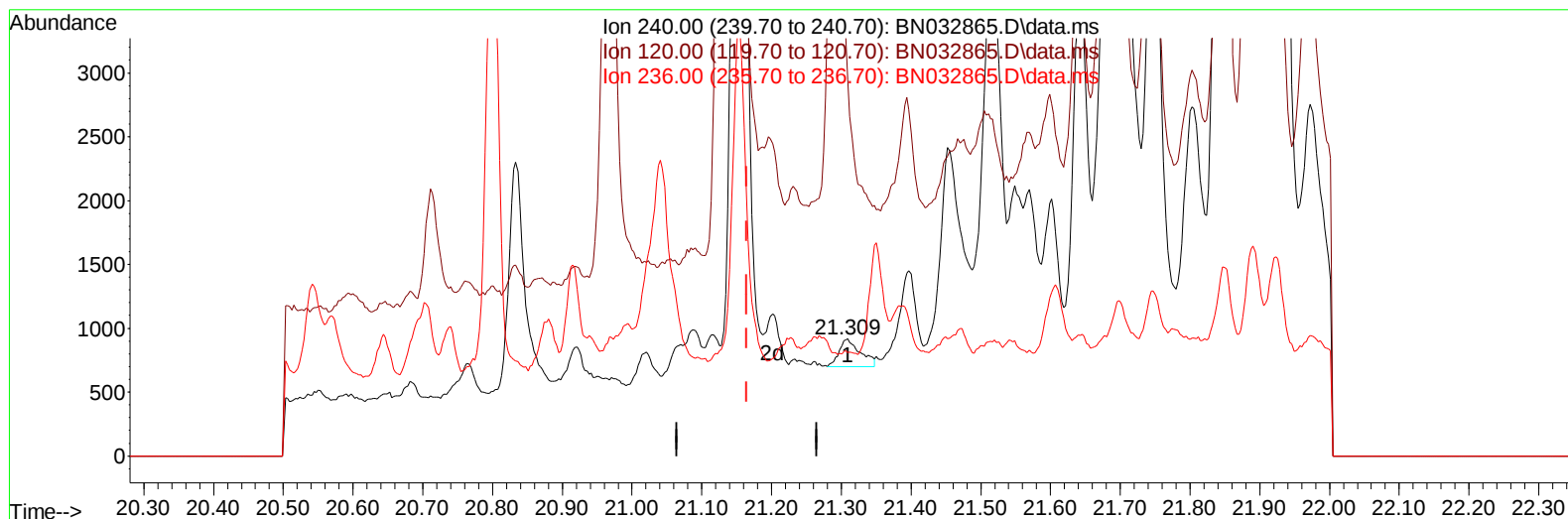
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032865.D\data.ms

(17) Chrysene-d12

21.309min (+ 0.144) 0.40 ng/u1

response 467

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	321.37#
236.00	28.40	88.44#
0.00	0.00	0.00

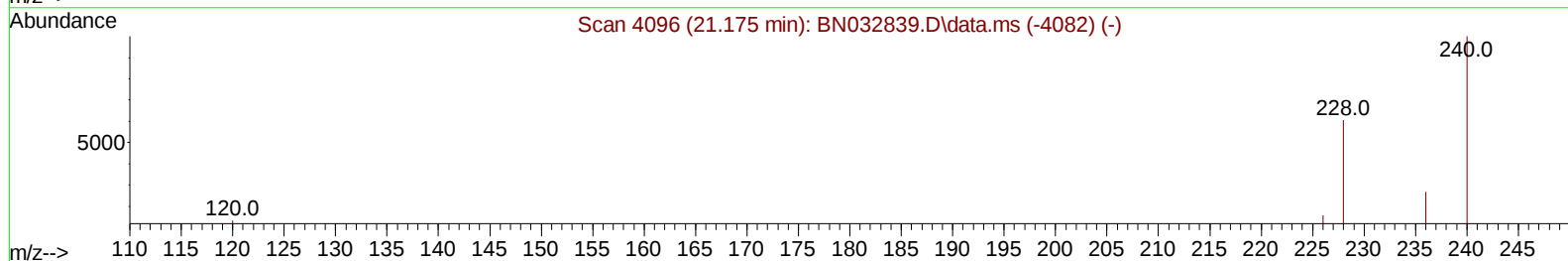
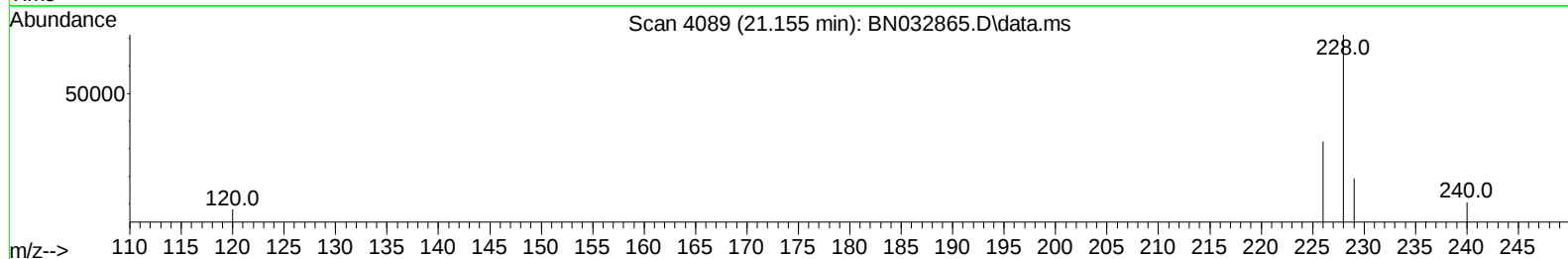
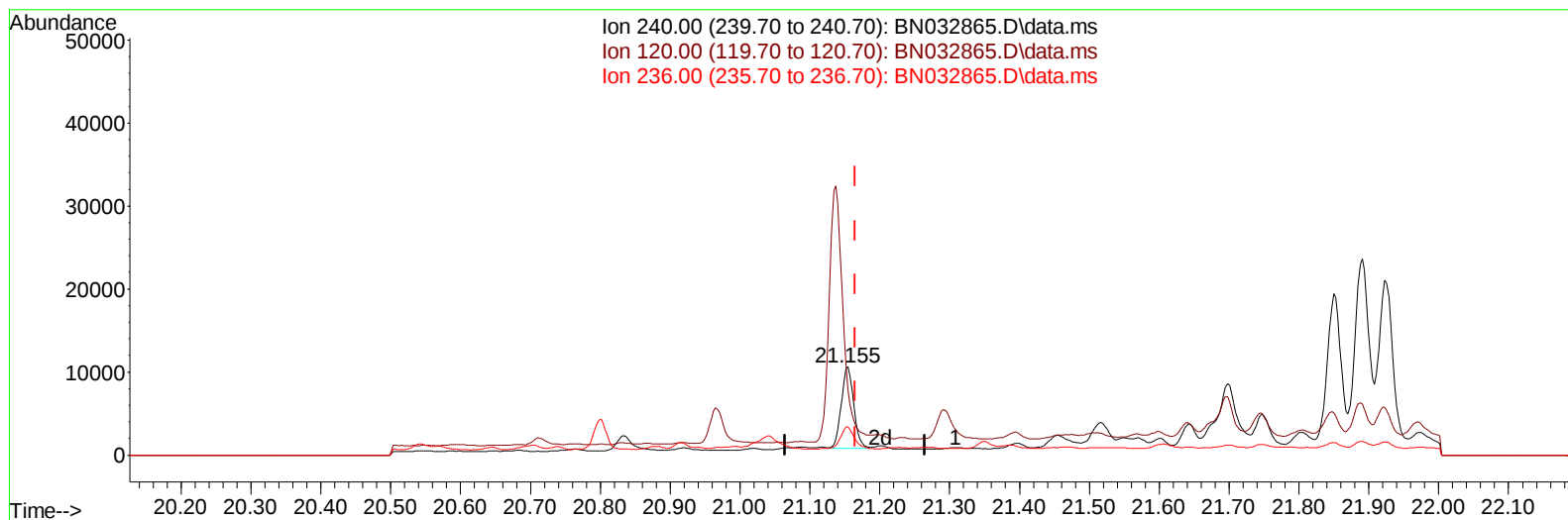
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(17) Chrysene-d12

21.155min (-0.010) 0.40 ng/ul m

response 12061

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	74.45#
236.00	28.40	31.74
0.00	0.00	0.00

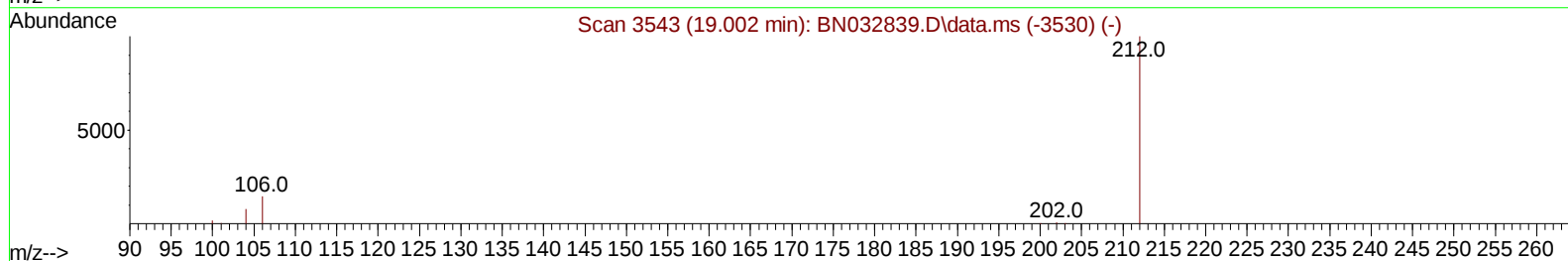
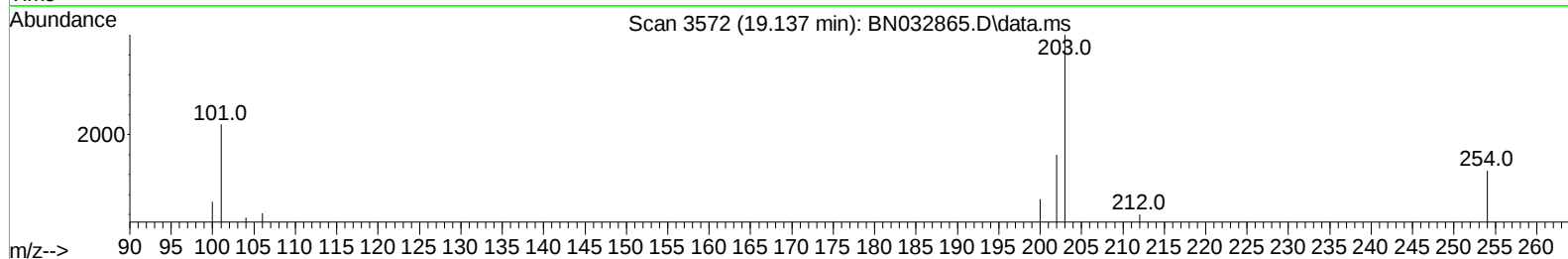
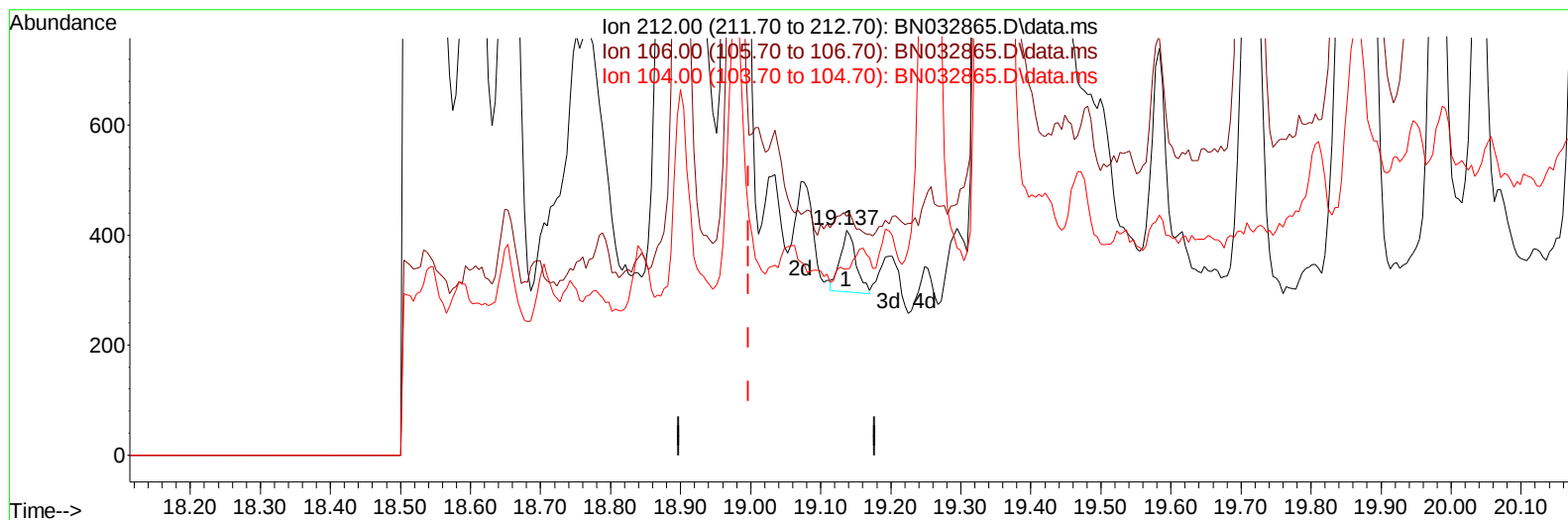
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 2024
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TIC: BN032865.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.137min (+ 0.140) 0.00 ng/u1

response 175

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	57.14#
104.00	9.00	0.00#
0.00	0.00	0.00

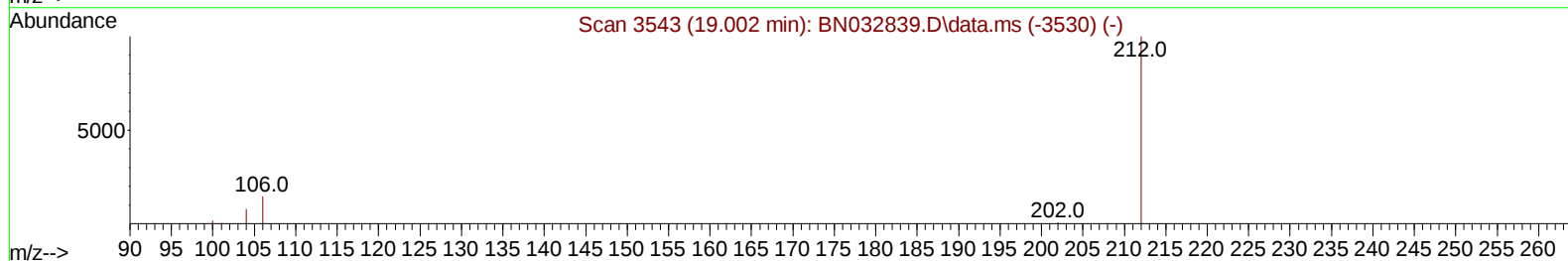
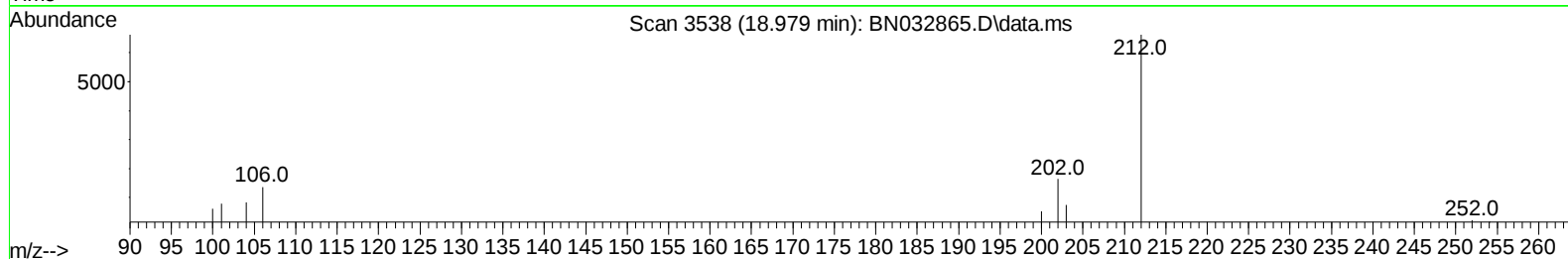
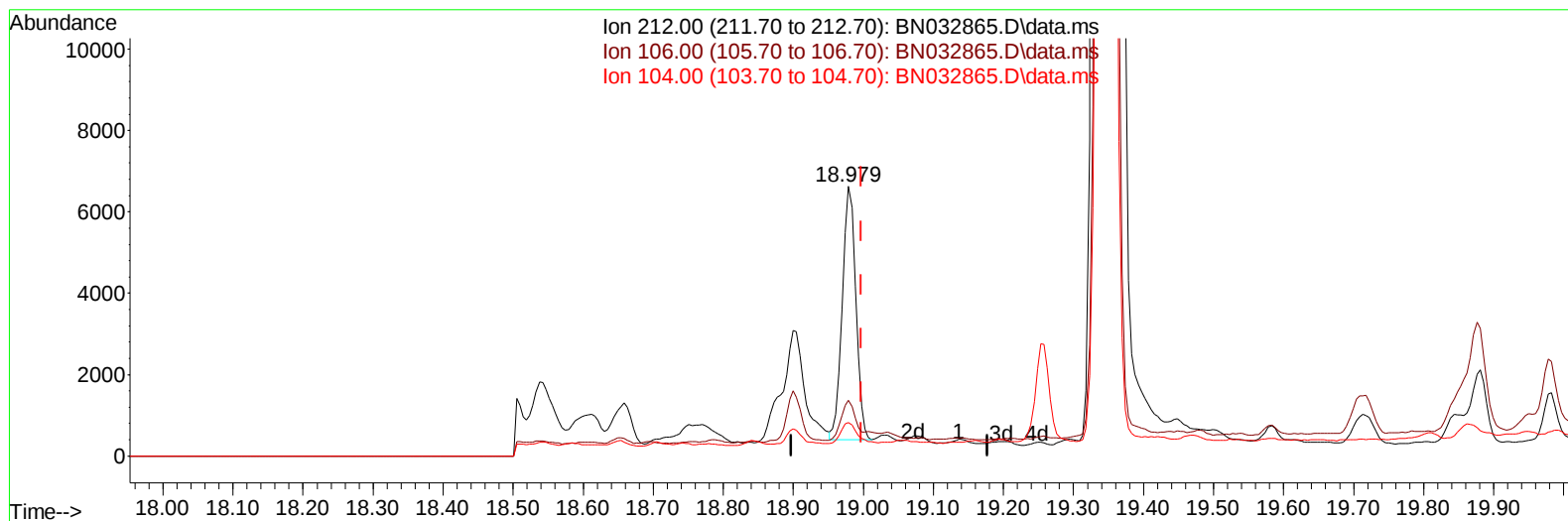
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.979min (-0.018) 0.21 ng/u1 m

response 8292

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	1.21#
104.00	9.00	0.00#
0.00	0.00	0.00

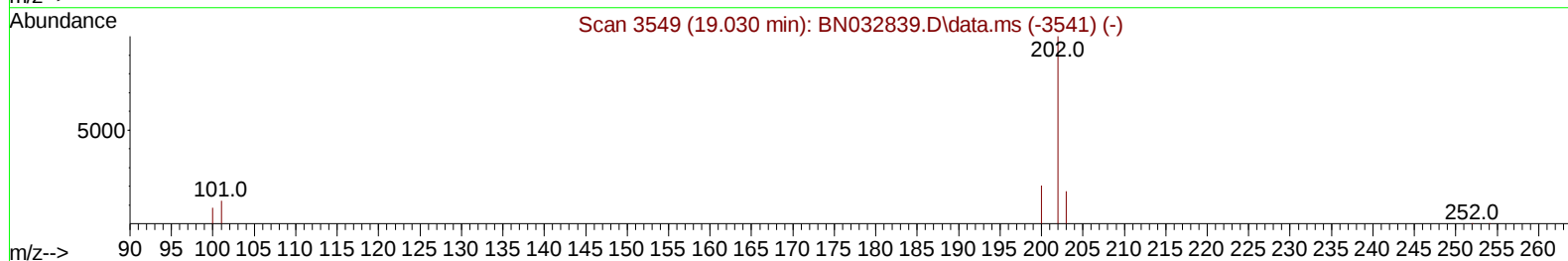
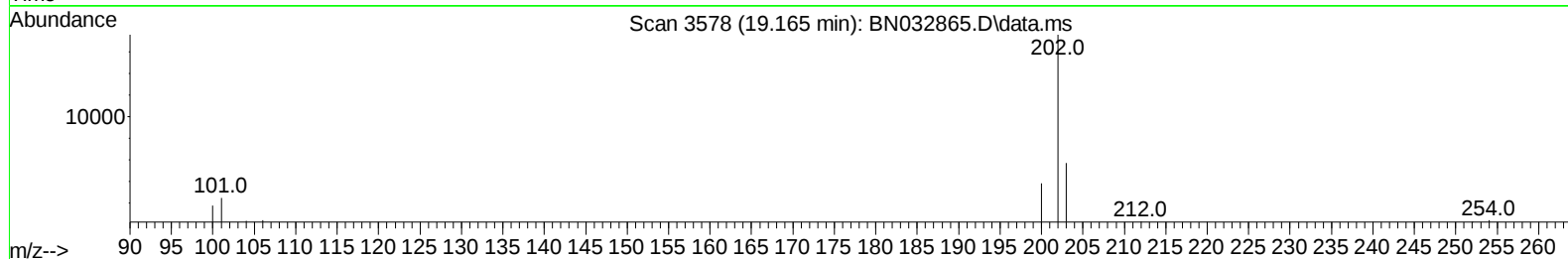
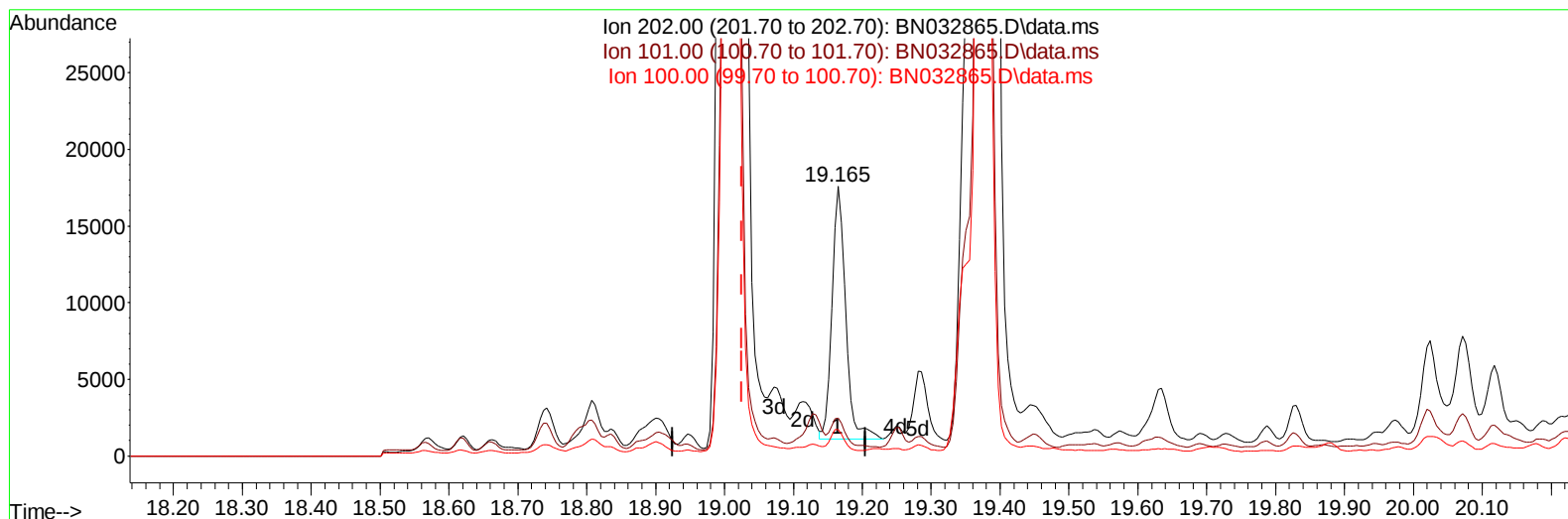
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032865.D
 Acq On : 20 Jul 2024 06:14
 Operator : MA/JU
 Sample : P3238-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 2024
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 Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(19) Fluoranthene (C)

19.165min (+ 0.140) 0.46 ng/u1

response 22778

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	14.16
100.00	9.90	9.91
0.00	0.00	0.00

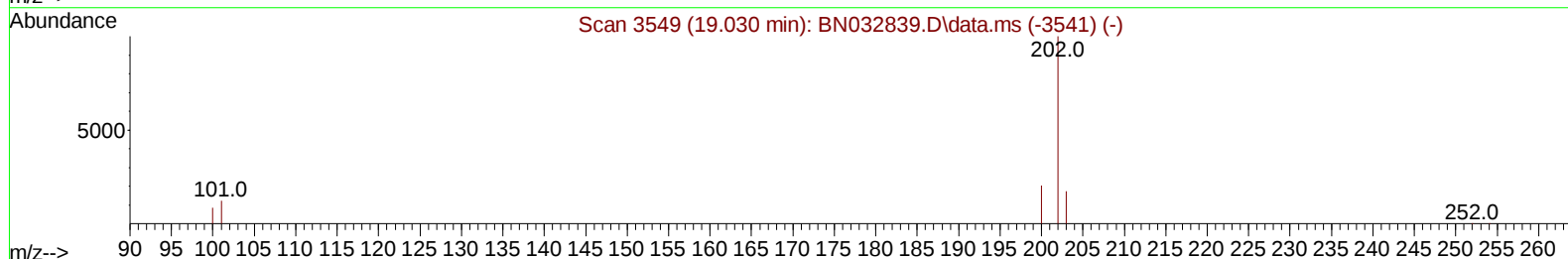
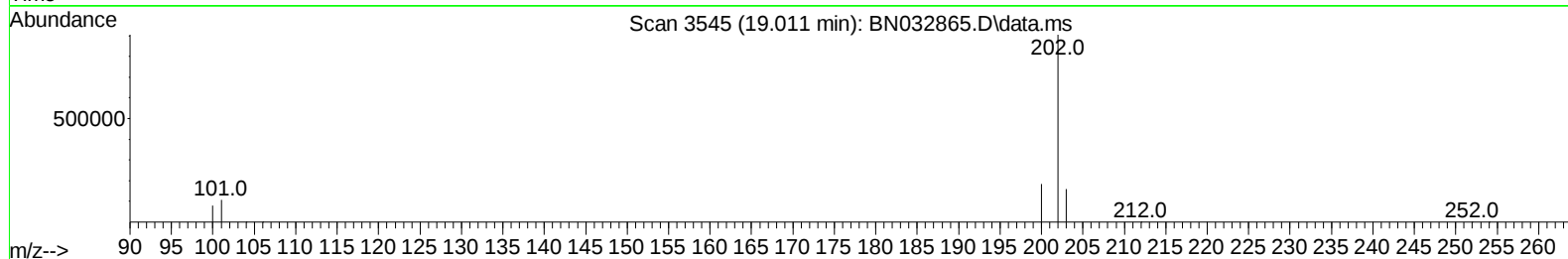
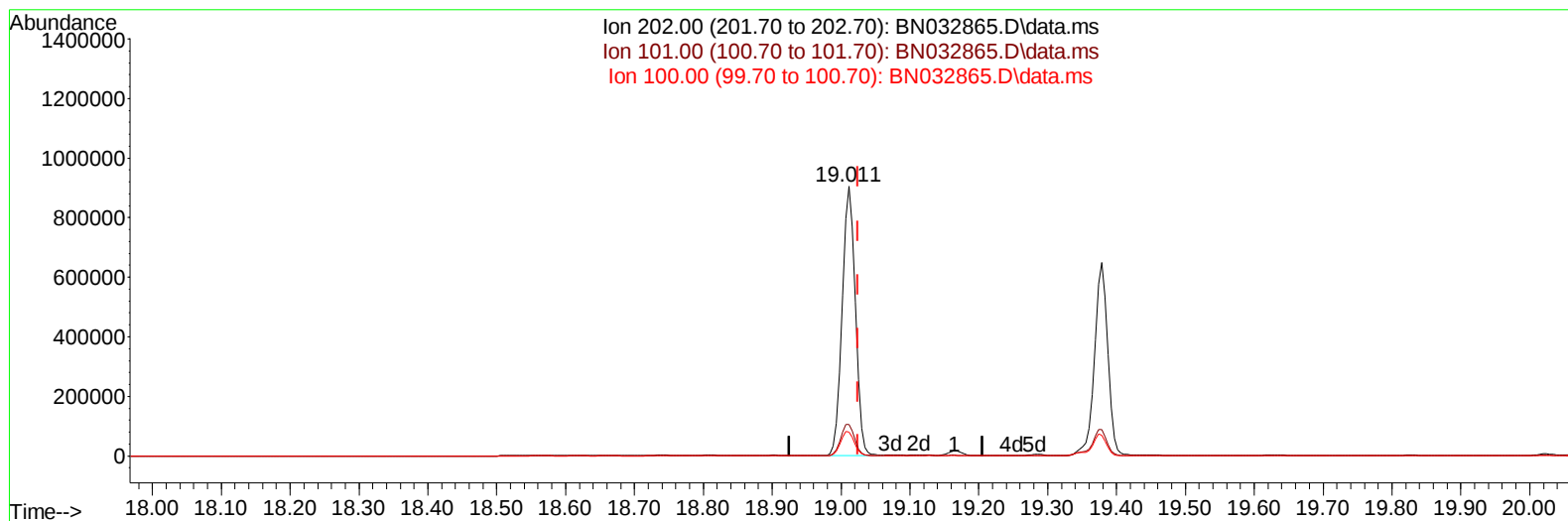
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032865.D
 Acq On : 20 Jul 2024 06:14
 Operator : MA/JU
 Sample : P3238-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(19) Fluoranthene (C)

19.011min (-0.014) 24.89 ng/ul m

response 1220381

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.80
100.00	9.90	8.91
0.00	0.00	0.00

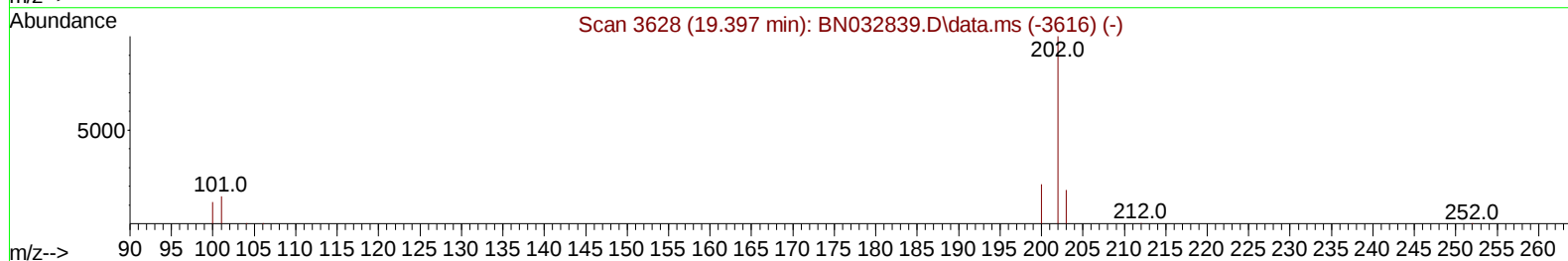
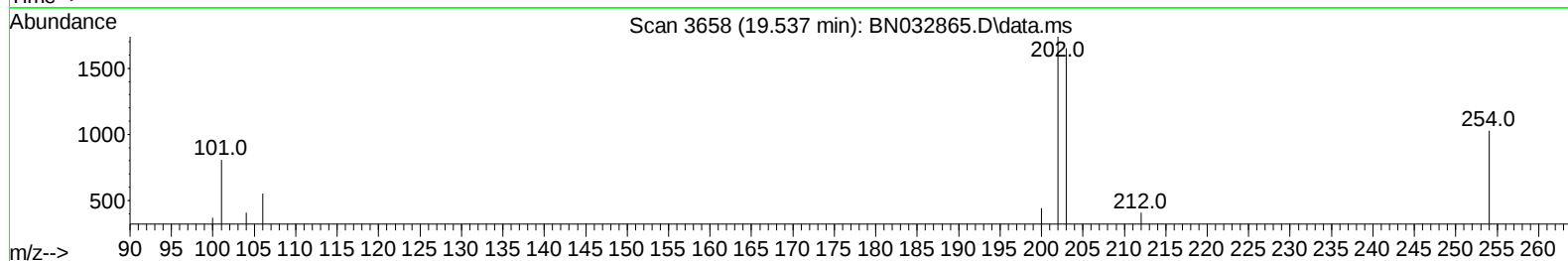
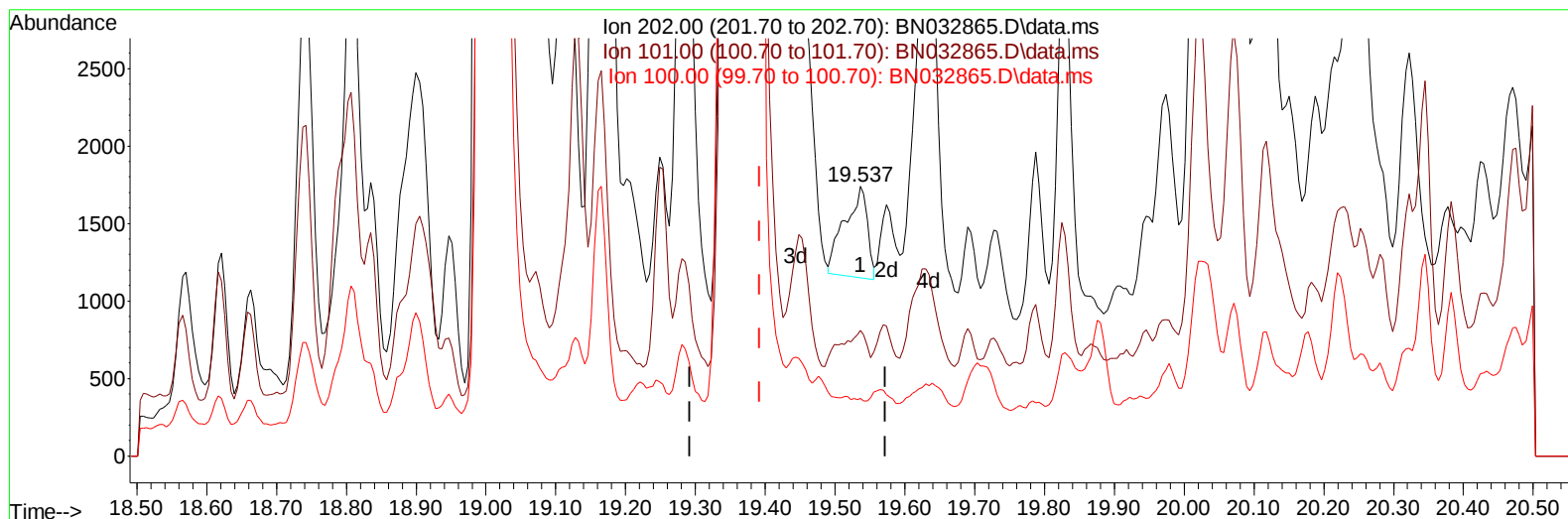
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(20) Pyrene

19.537min (+ 0.144) 0.03 ng/u1

response 1307

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	46.52#
100.00	12.00	21.33#
0.00	0.00	0.00

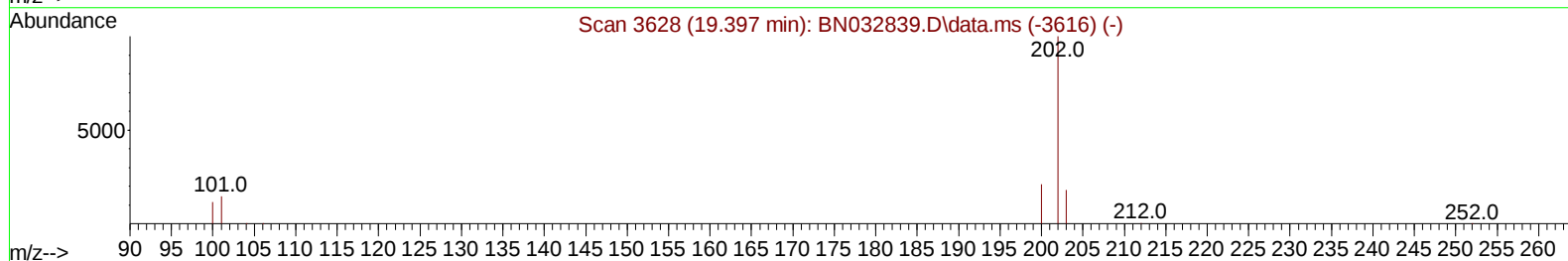
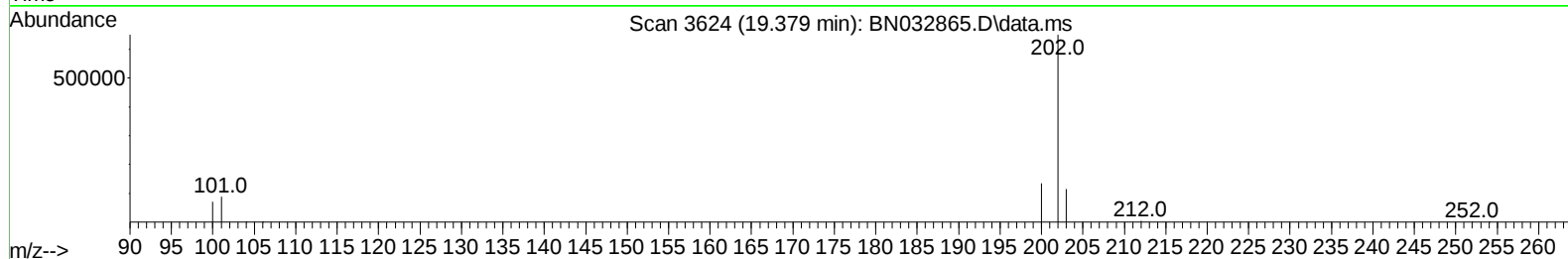
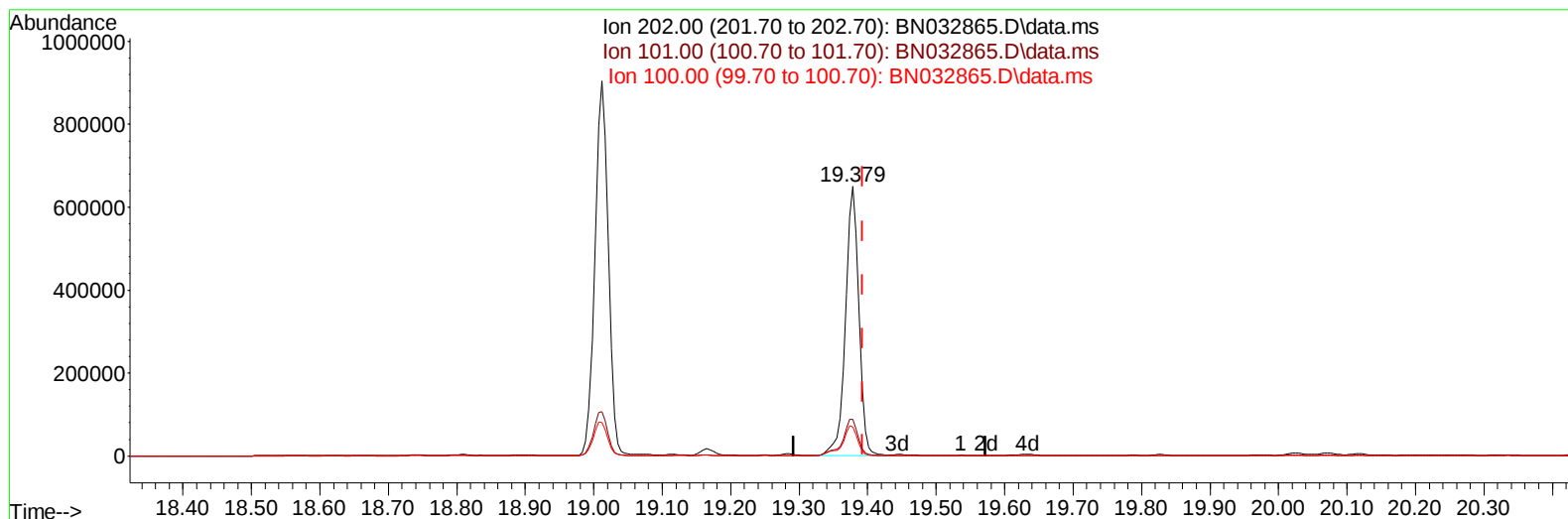
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(20) Pyrene

19.379min (-0.014) 17.40 ng/ul m

response 883051

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.57
100.00	12.00	10.87
0.00	0.00	0.00

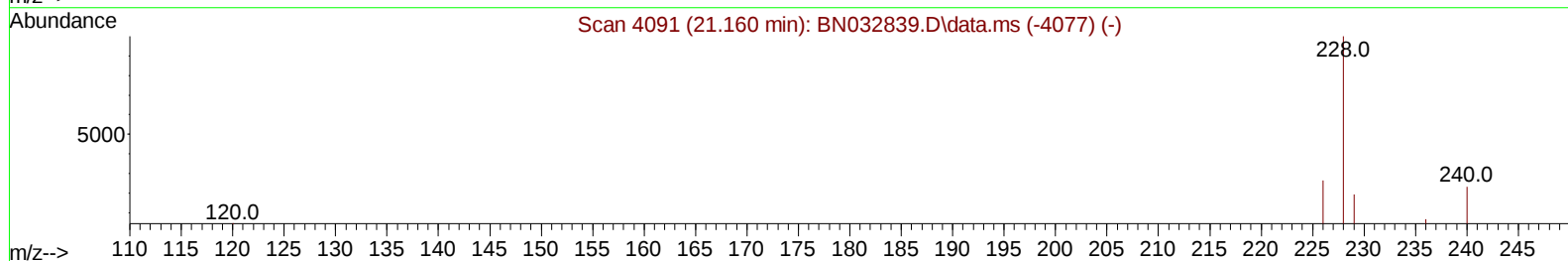
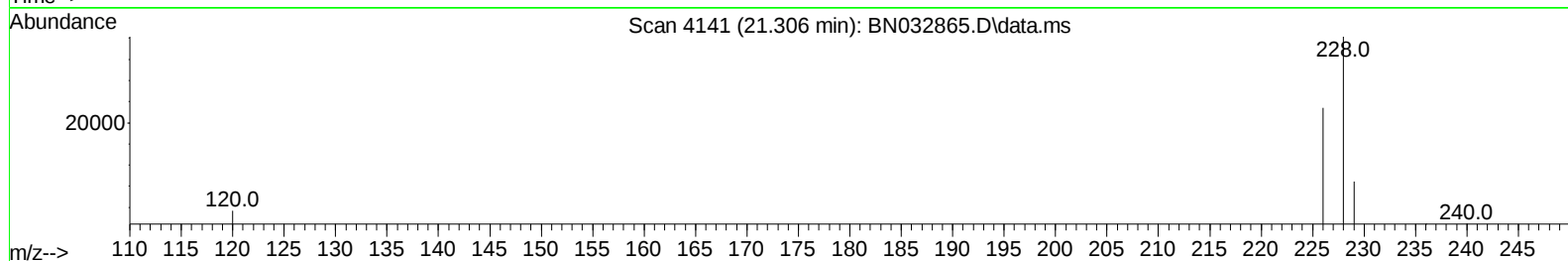
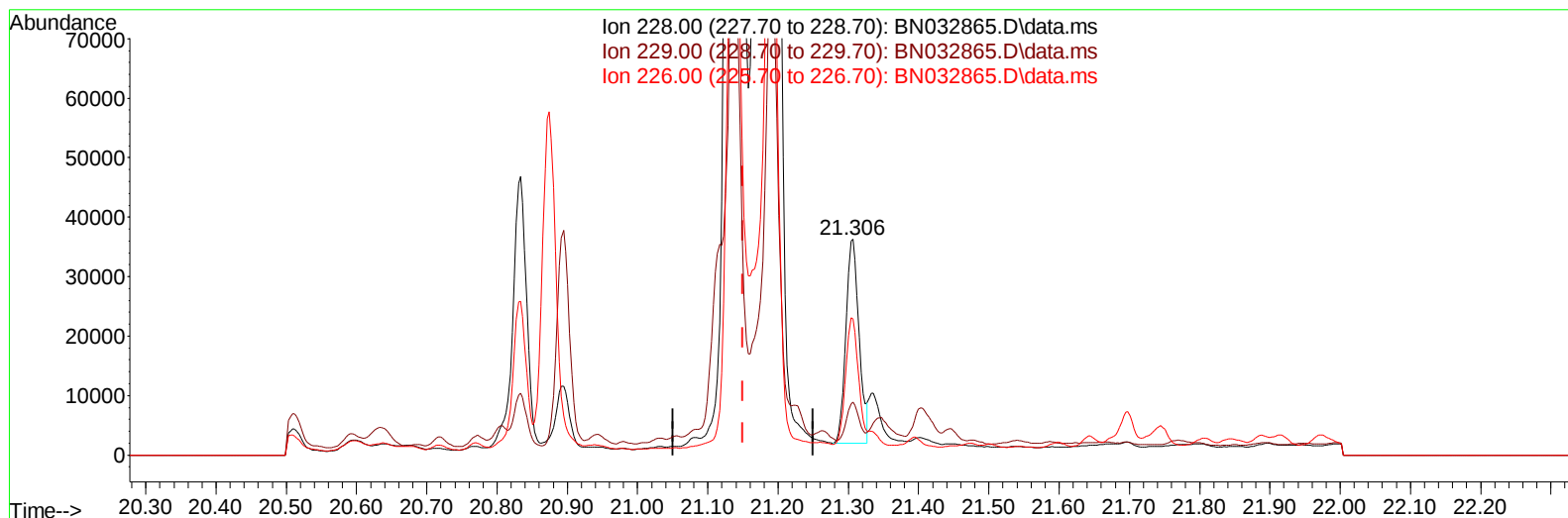
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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: BN032865.D\data.ms

(21) Benzo(a)anthracene

21.306min (+ 0.156) 1.17 ng/u1

response 44816

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	24.64#
226.00	27.40	62.92#
0.00	0.00	0.00

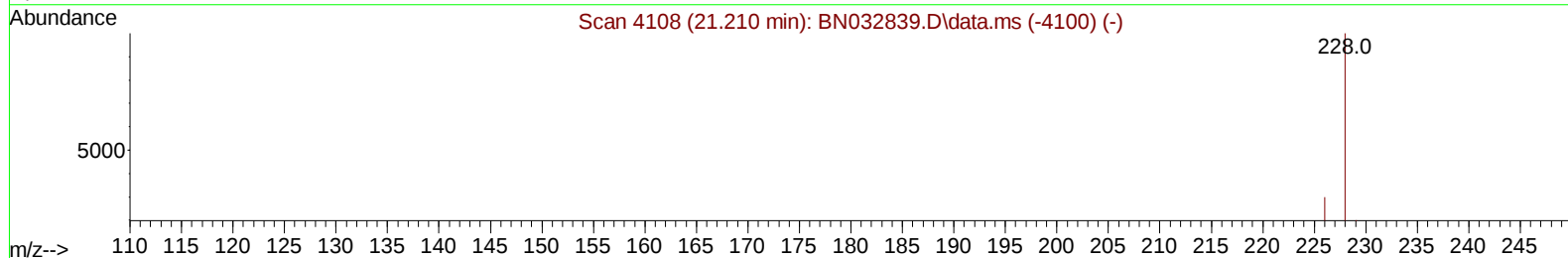
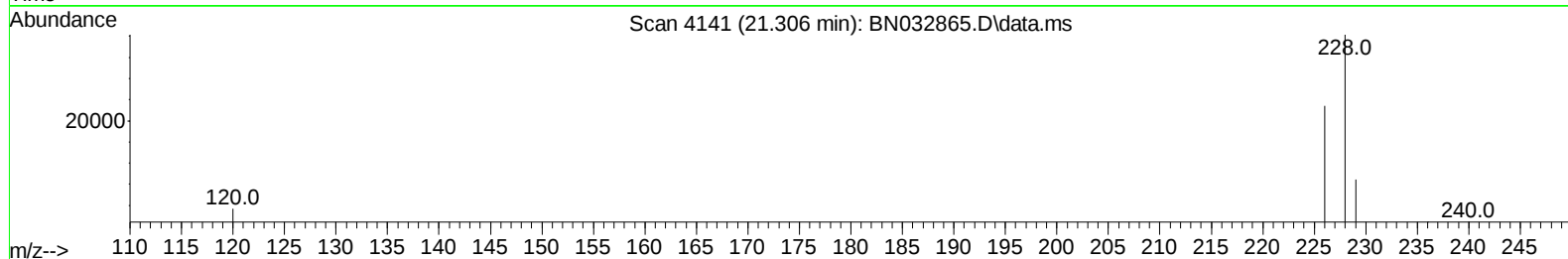
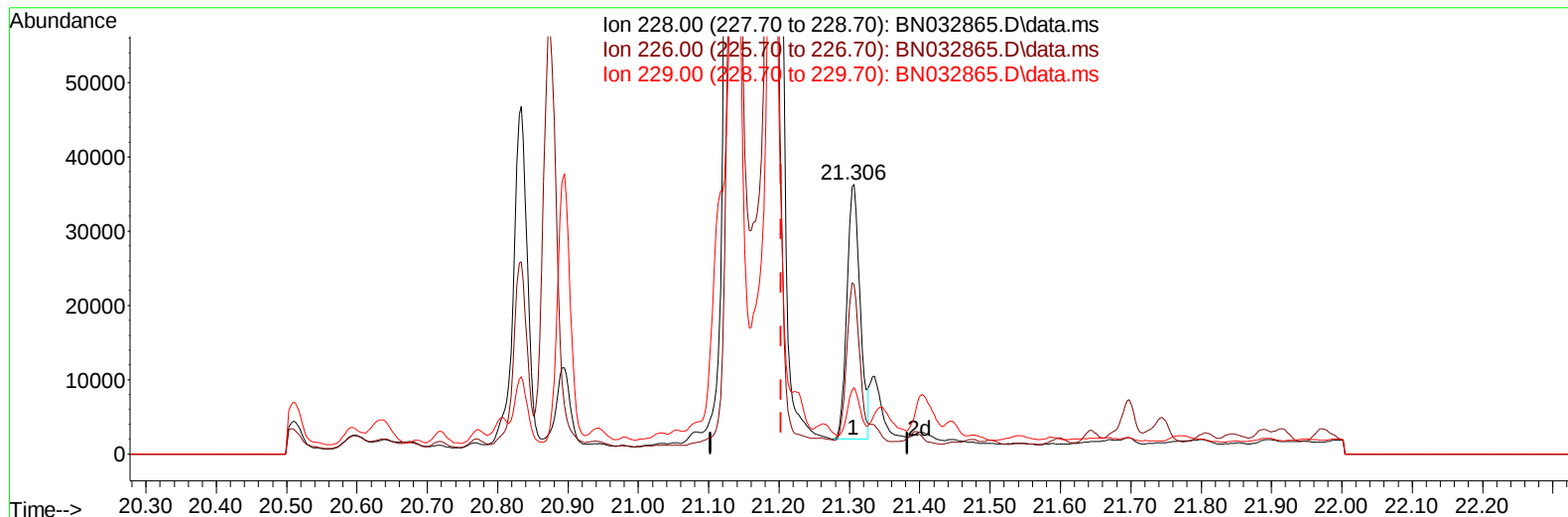
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
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TIC: BN032865.D\data.ms

(22) Chrysene

21.306min (+ 0.104) 0.81 ng/u1

response 44816

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	62.92#
229.00	19.70	24.64#
0.00	0.00	0.00

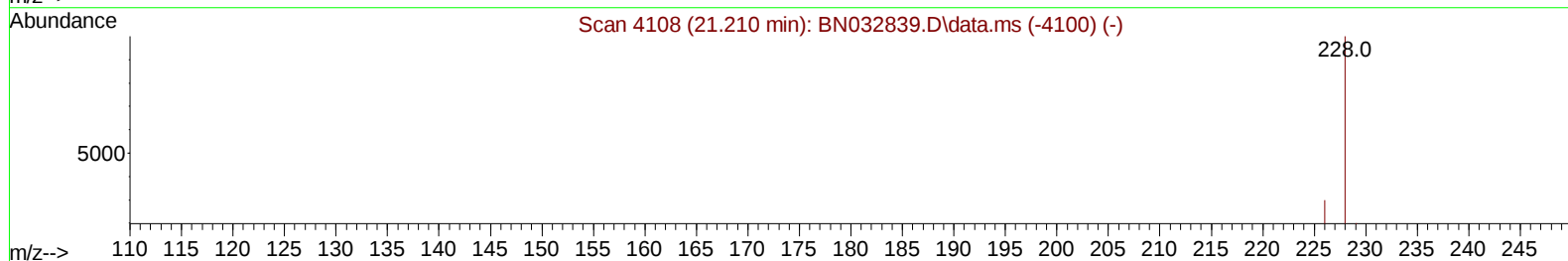
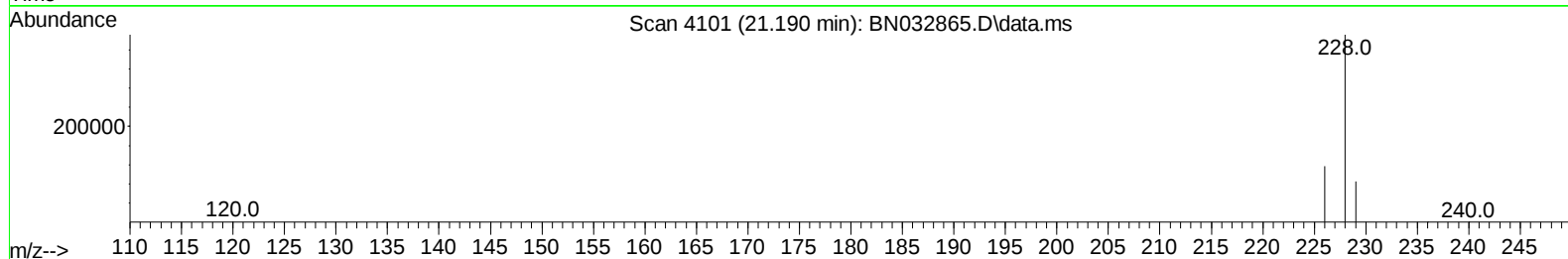
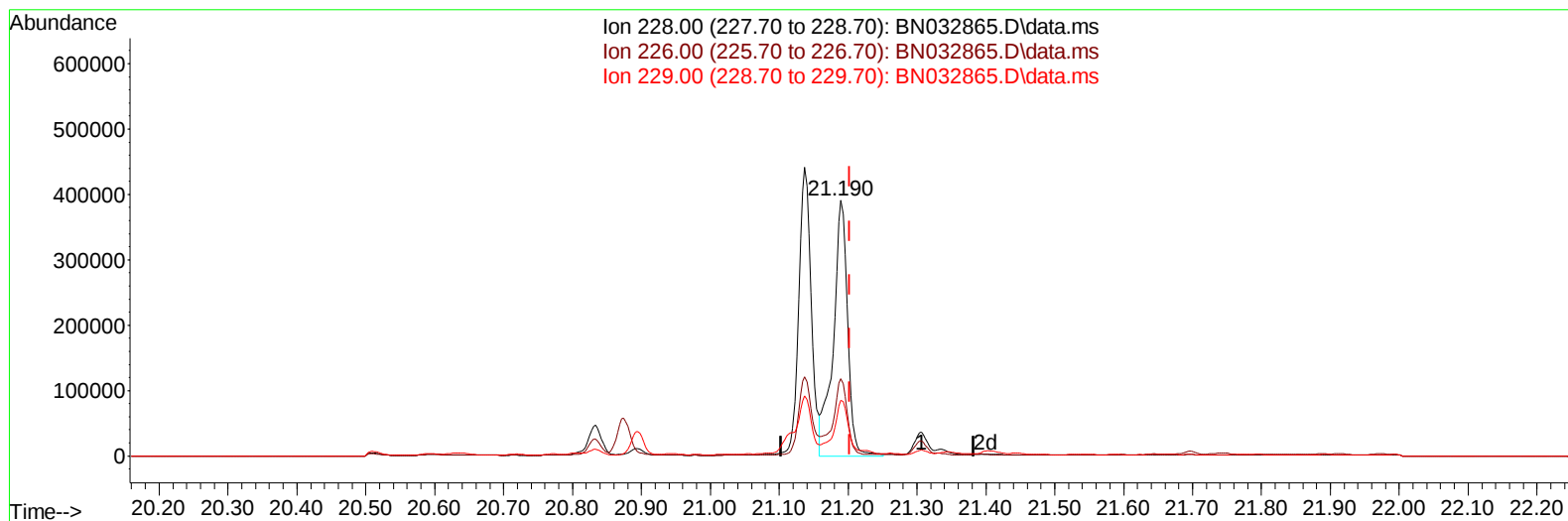
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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

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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(22) Chrysene

21.190min (-0.013) 10.26 ng/ul m

response 569964

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.14
229.00	19.70	21.82
0.00	0.00	0.00

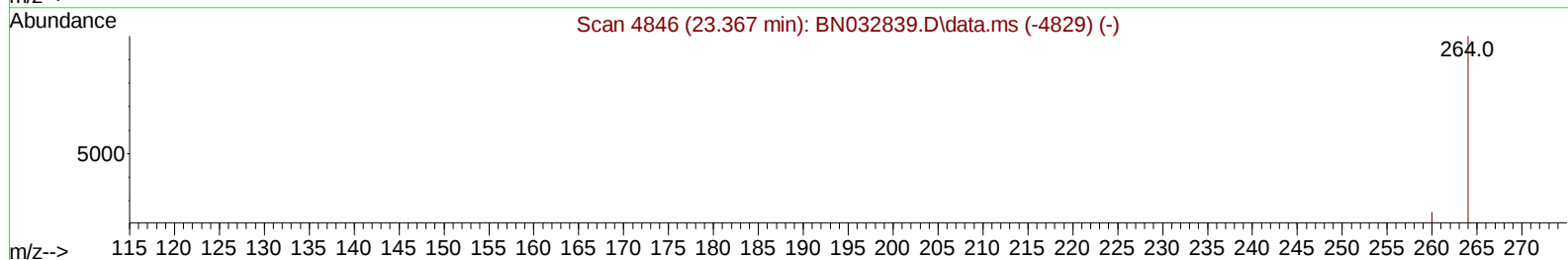
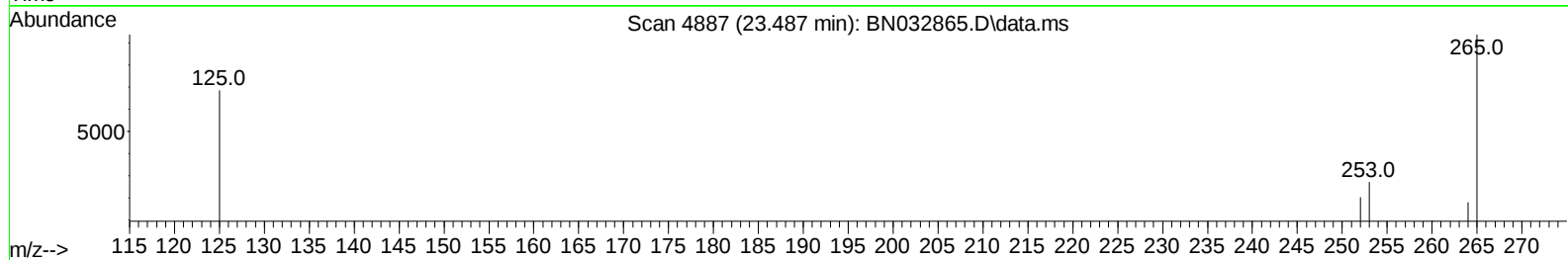
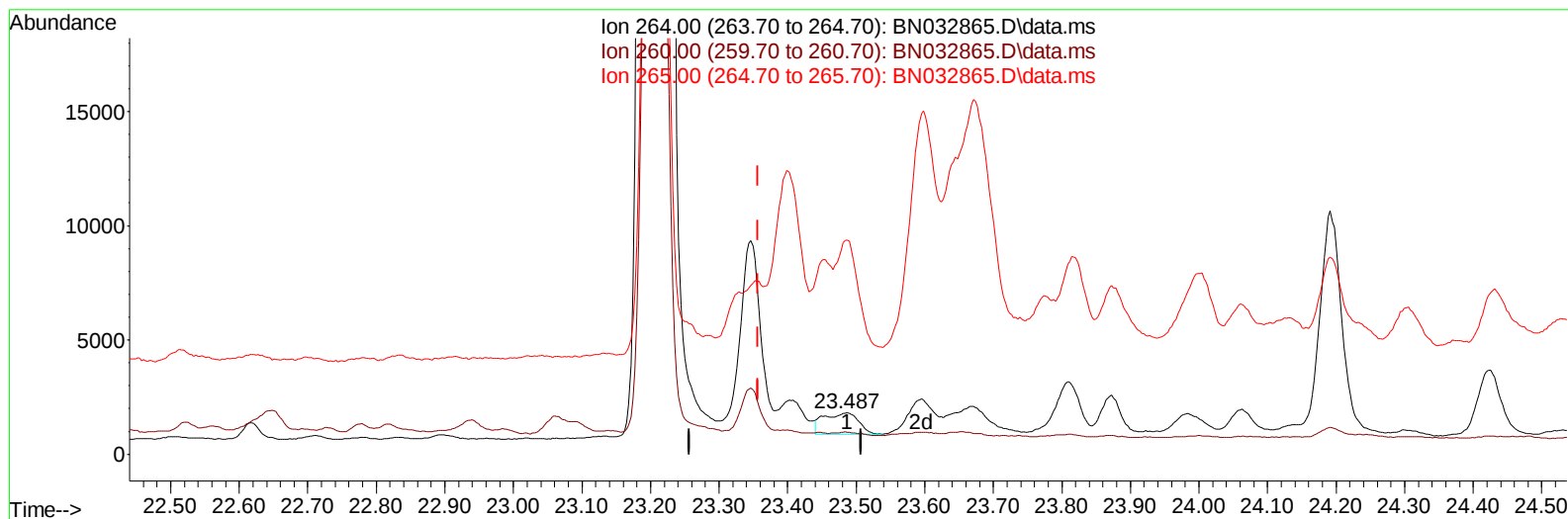
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(23) Perylene-d12 (I)

23.487min (+ 0.130) 0.40 ng/u1

response 3253

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	52.61#
265.00	95.50	519.29#
0.00	0.00	0.00

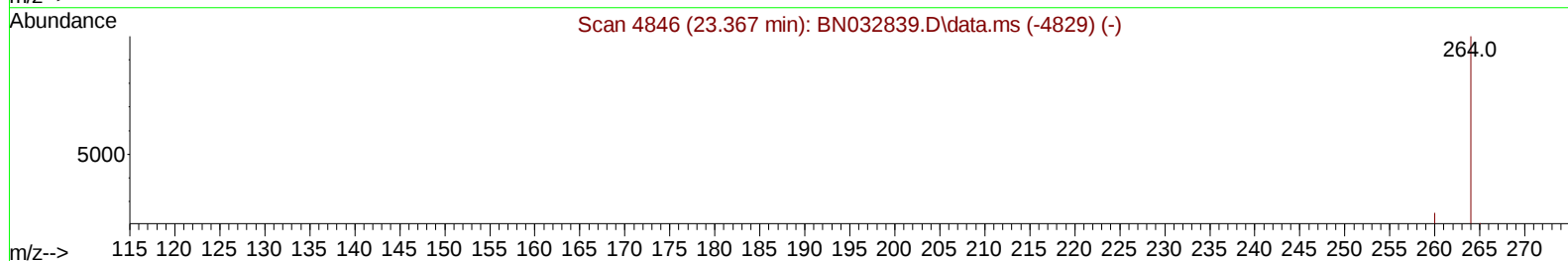
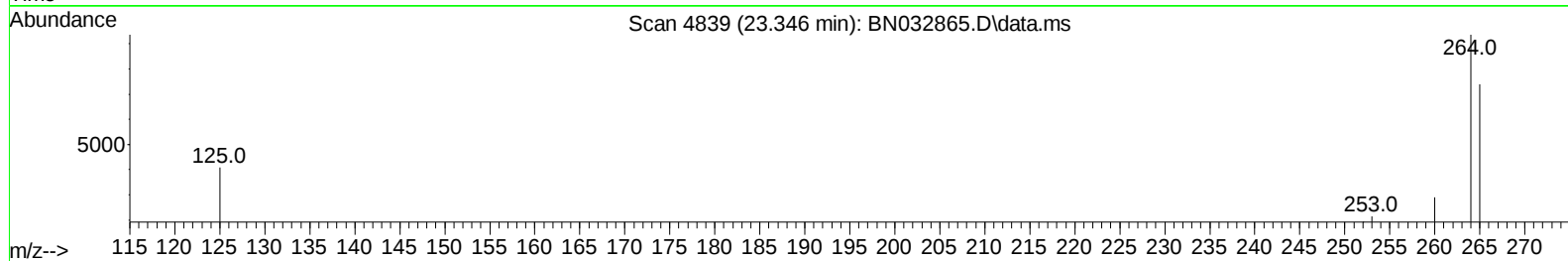
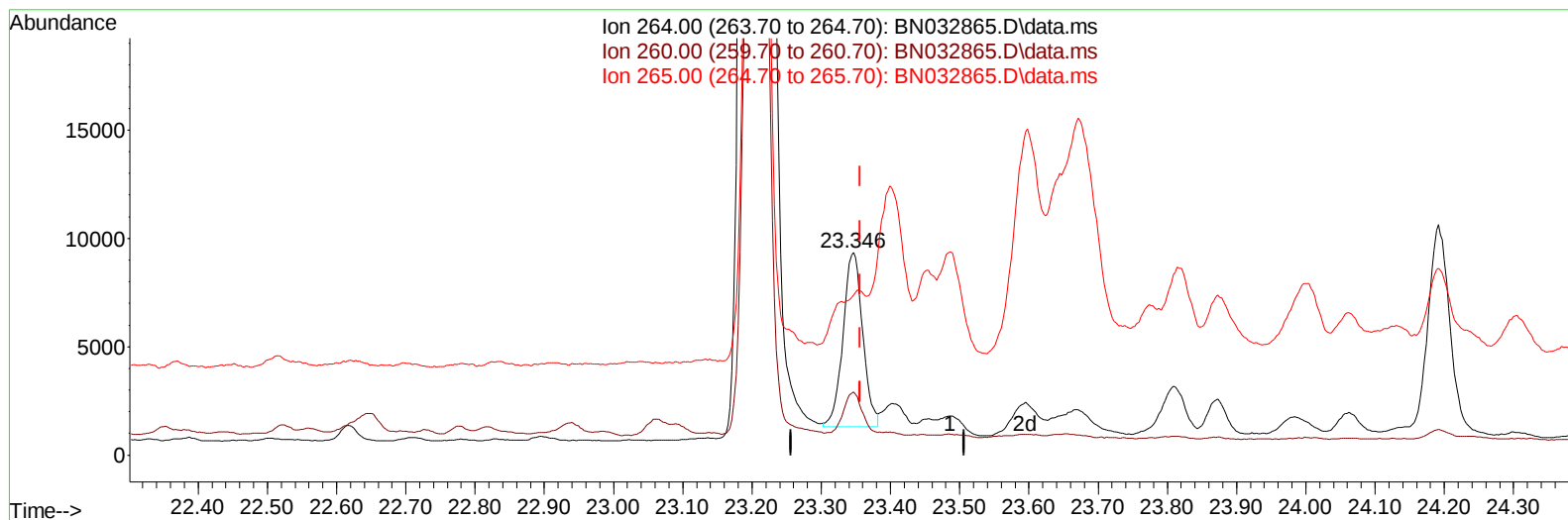
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(23) Perylene-d12 (I)

23.346min (-0.010) 0.40 ng/ul m

response 15951

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	31.04
265.00	95.50	78.90
0.00	0.00	0.00

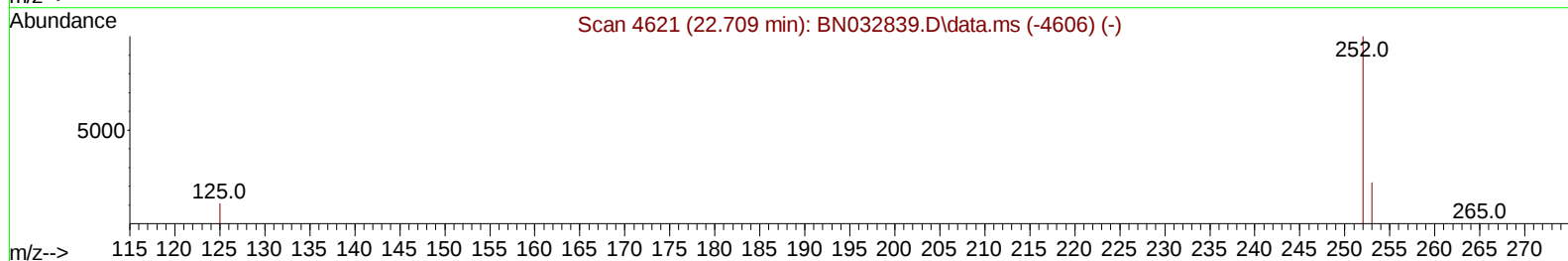
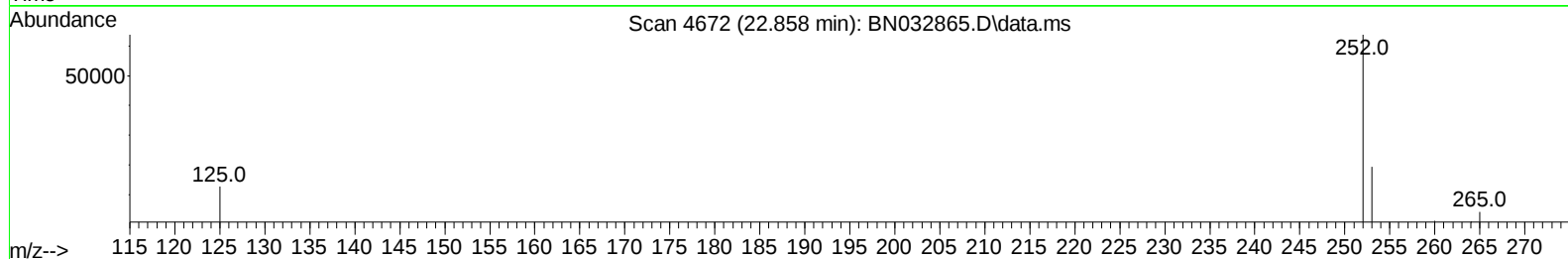
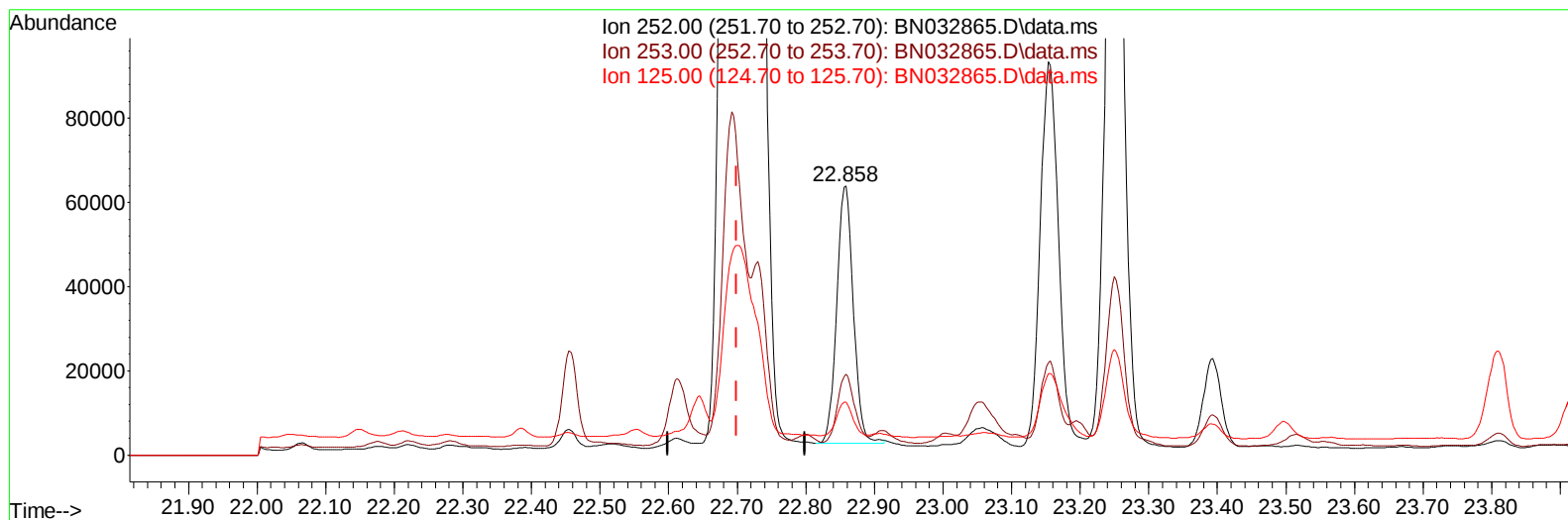
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032865.D\data.ms

(24) Benzo(b)fluoranthene

22.858min (+ 0.159) 1.83 ng/u1

response 102758

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	30.11
125.00	18.00	19.76
0.00	0.00	0.00

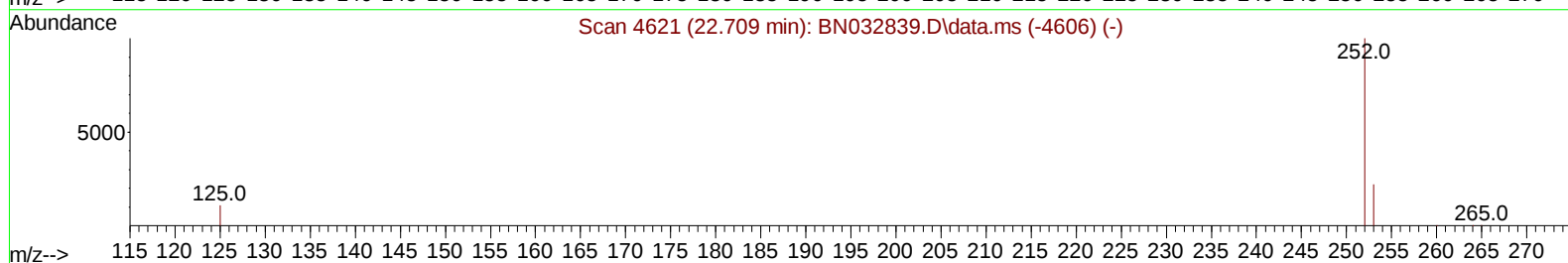
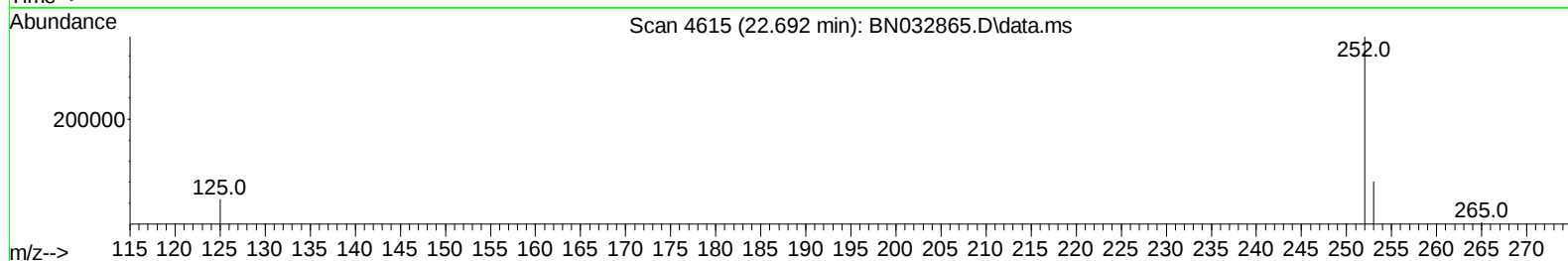
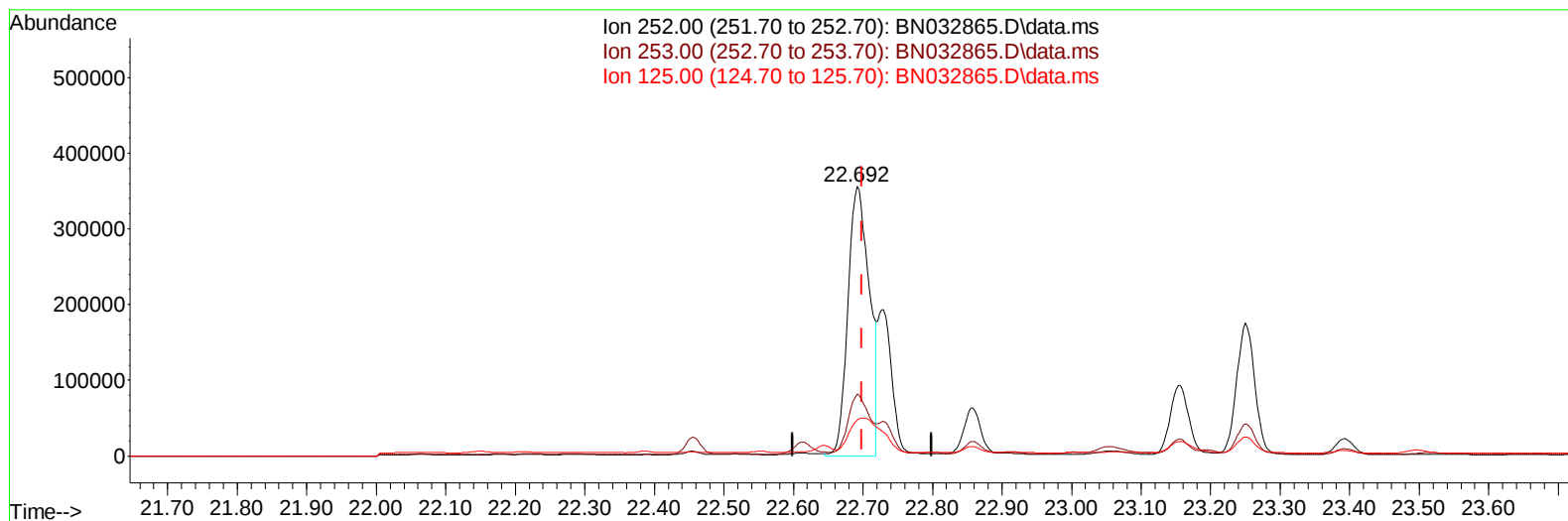
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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: BN032865.D\data.ms

(24) Benzo(b)fluoranthene

22.692min (-0.007) 13.51 ng/u1 m

response 760602

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.91
125.00	18.00	13.40
0.00	0.00	0.00

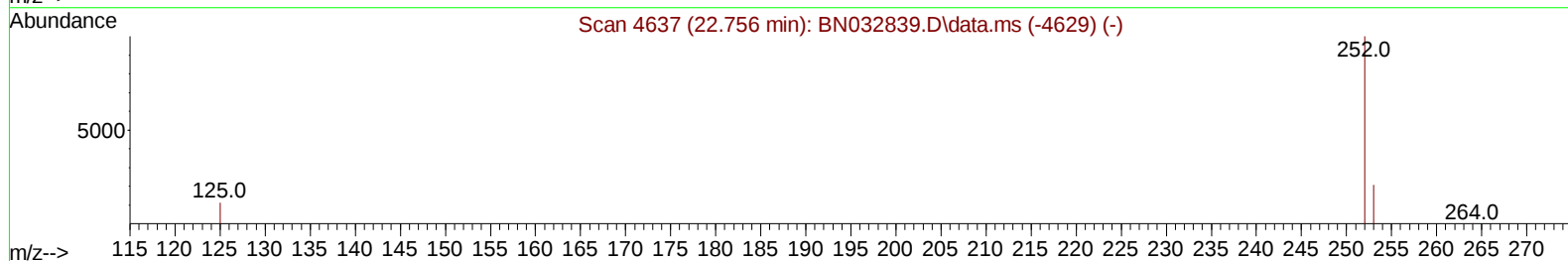
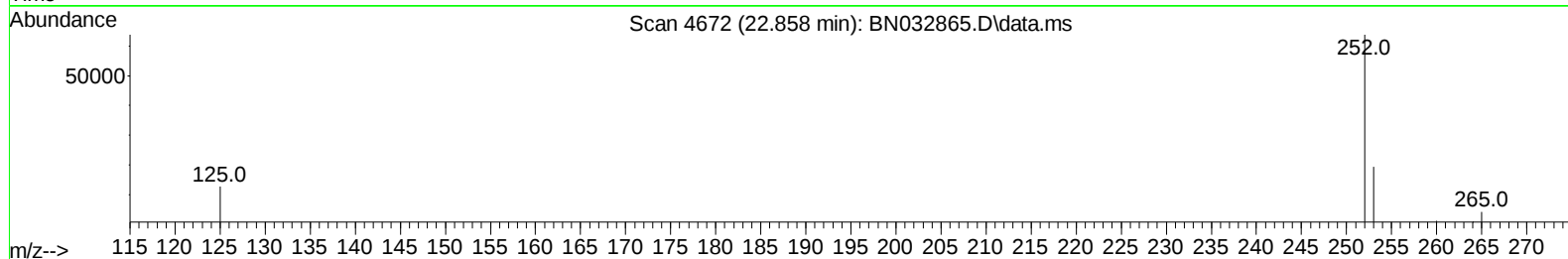
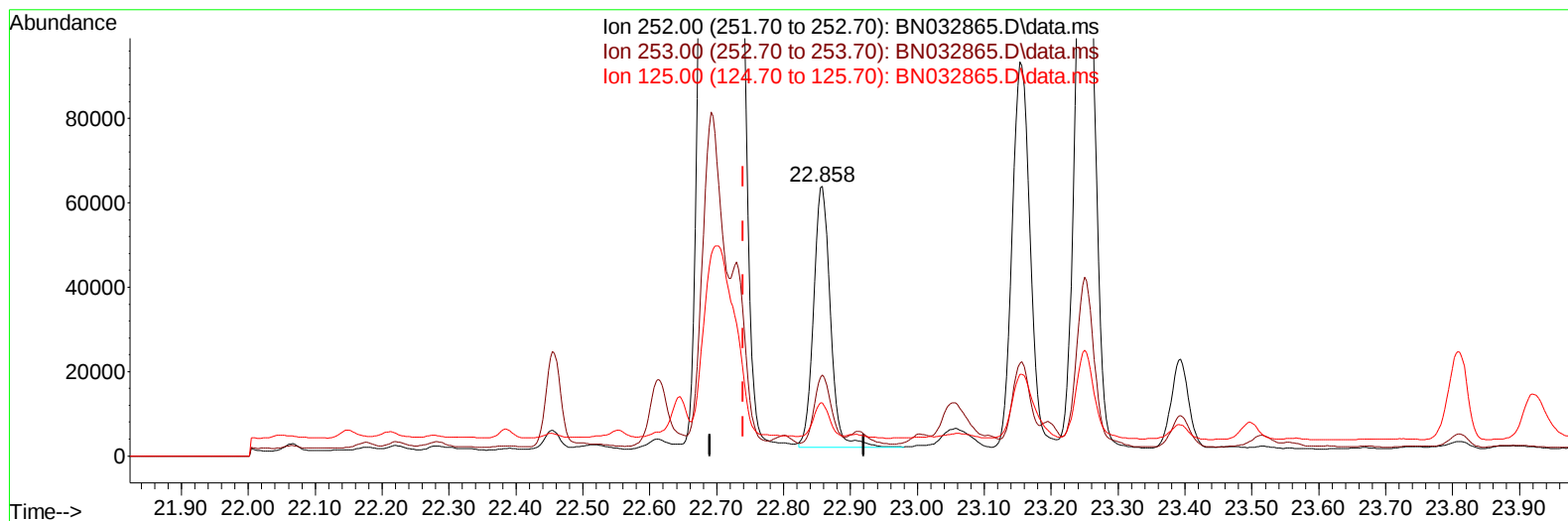
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 2024
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QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032865.D\data.ms

(25) Benzo(k)fluoranthene

22.858min (+ 0.118) 1.57 ng/u1

response 107484

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	30.11
125.00	18.50	19.76
0.00	0.00	0.00

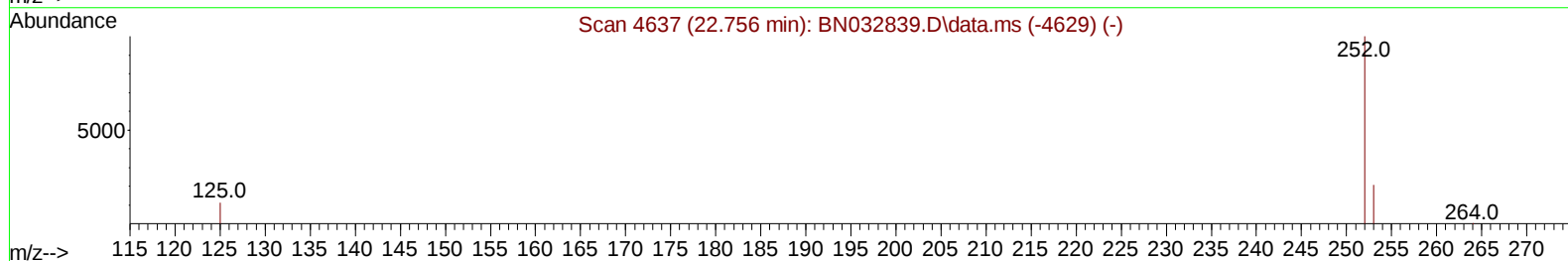
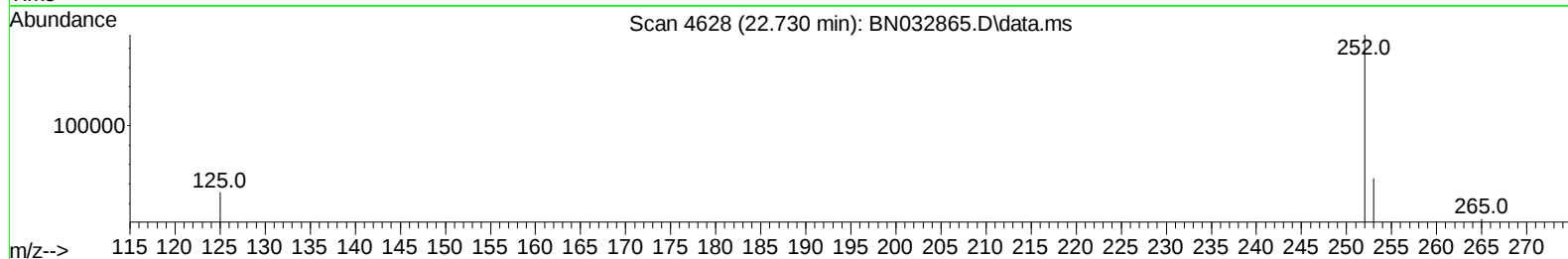
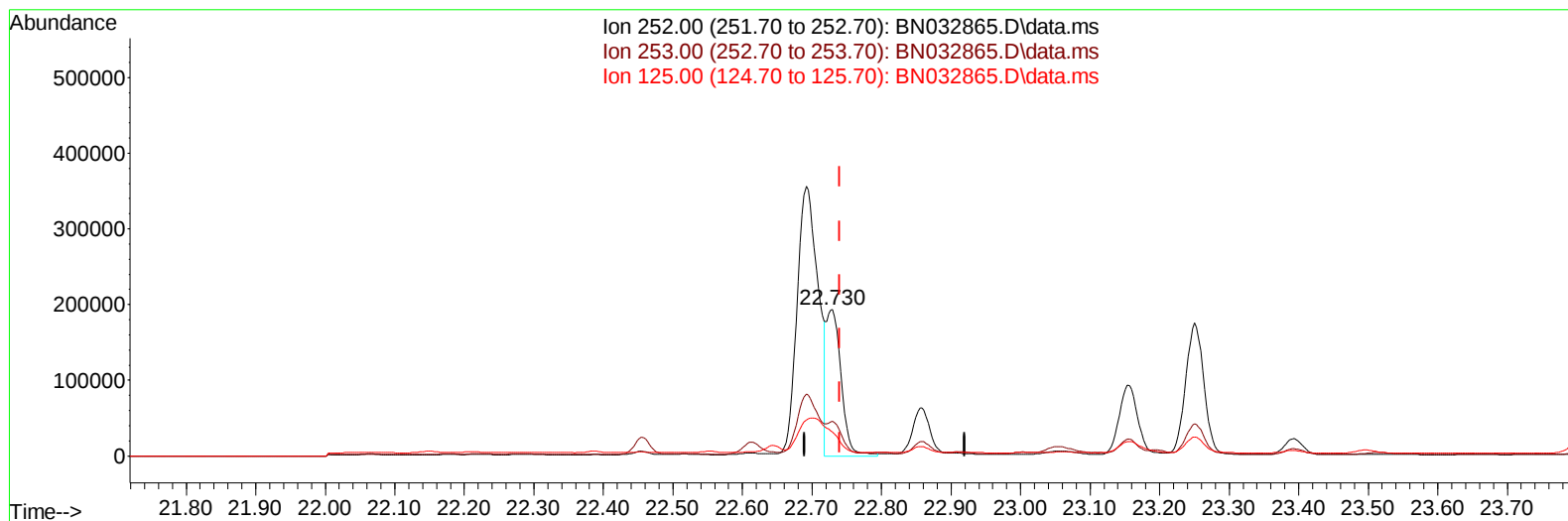
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 2024
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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(25) Benzo(k)fluoranthene

22.730min (-0.010) 4.16 ng/u1 m

response 285024

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.77
125.00	18.50	16.20
0.00	0.00	0.00

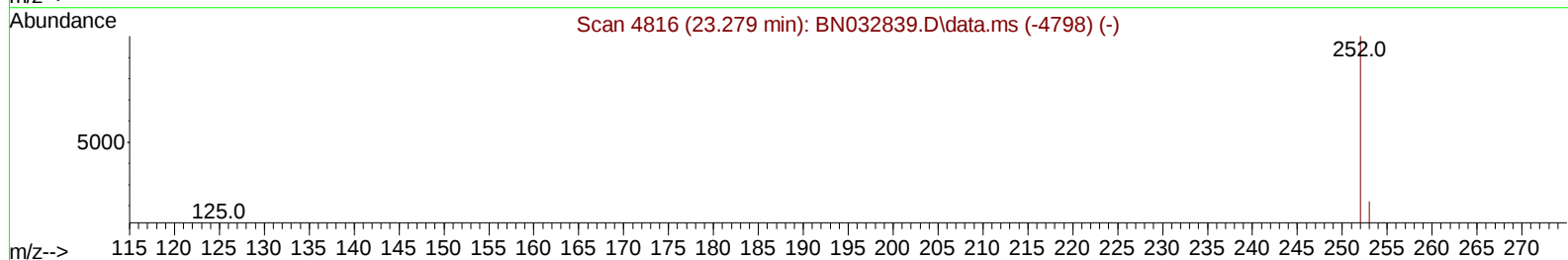
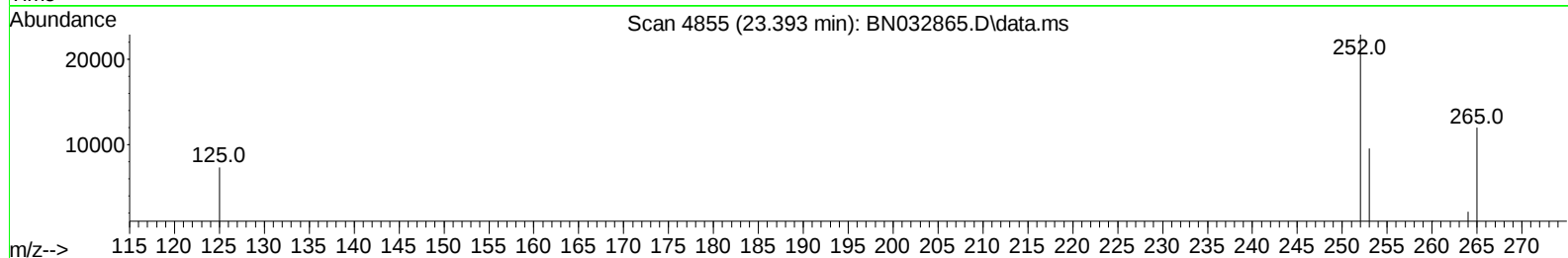
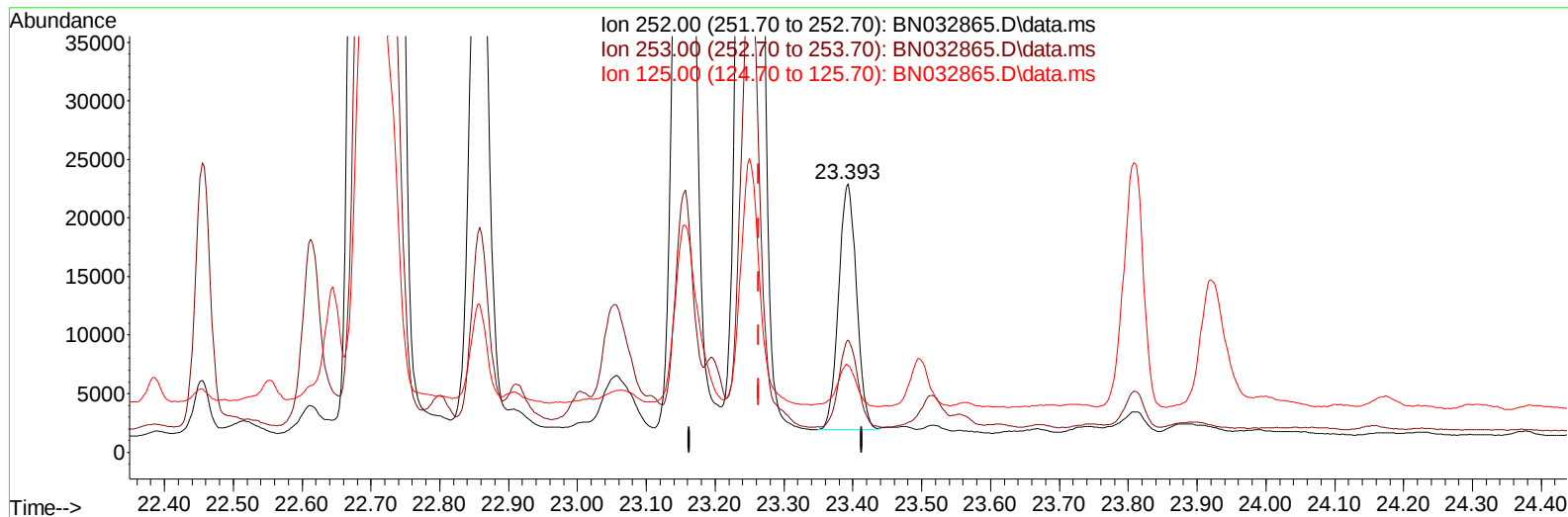
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(26) Benzo(a)pyrene (C)

23.393min (+ 0.130) 0.78 ng/u1

response 38174

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	41.82#
125.00	25.70	32.27#
0.00	0.00	0.00

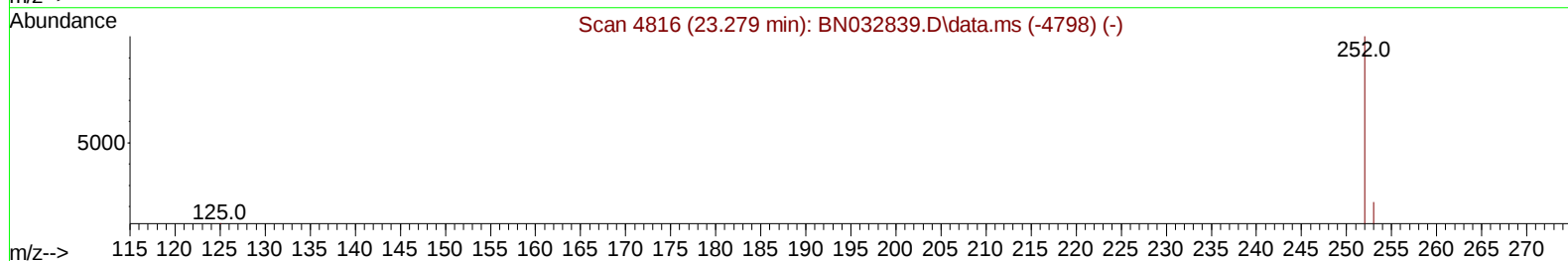
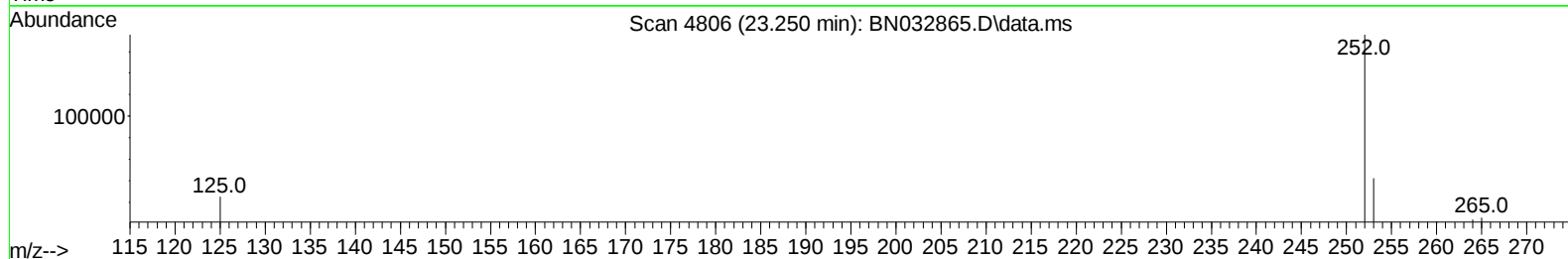
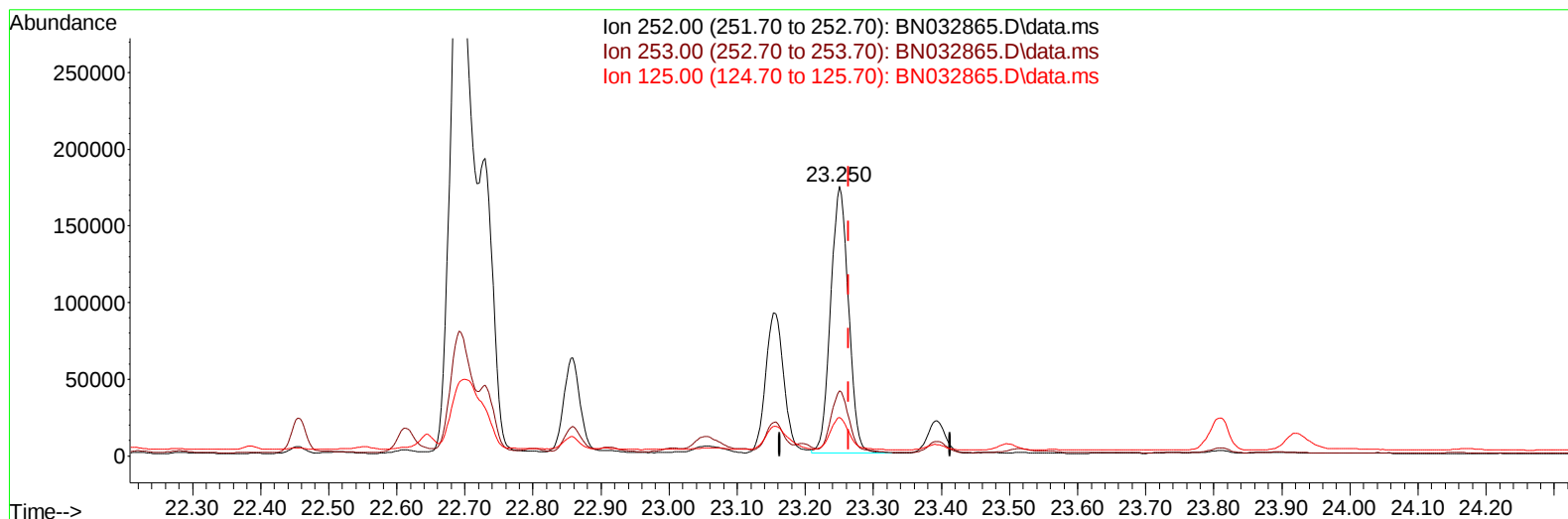
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(26) Benzo(a)pyrene (C)

23.250min (-0.013) 6.51 ng/u1 m

response 317181

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.15#
125.00	25.70	14.28#
0.00	0.00	0.00

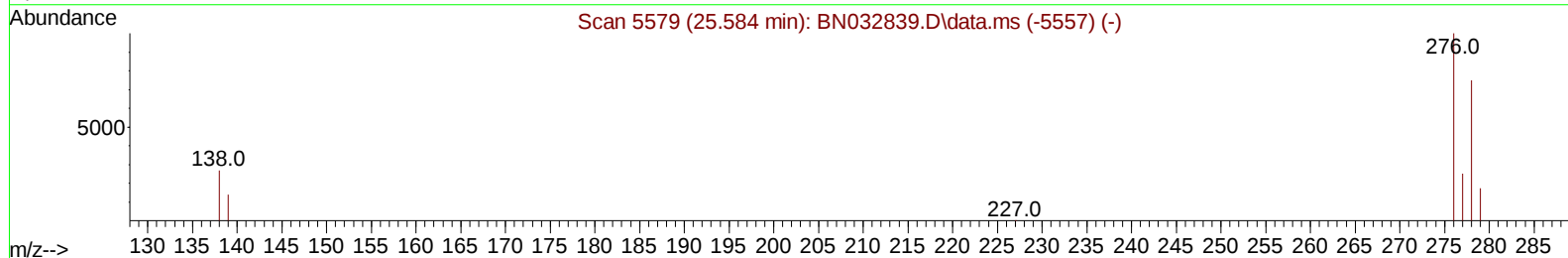
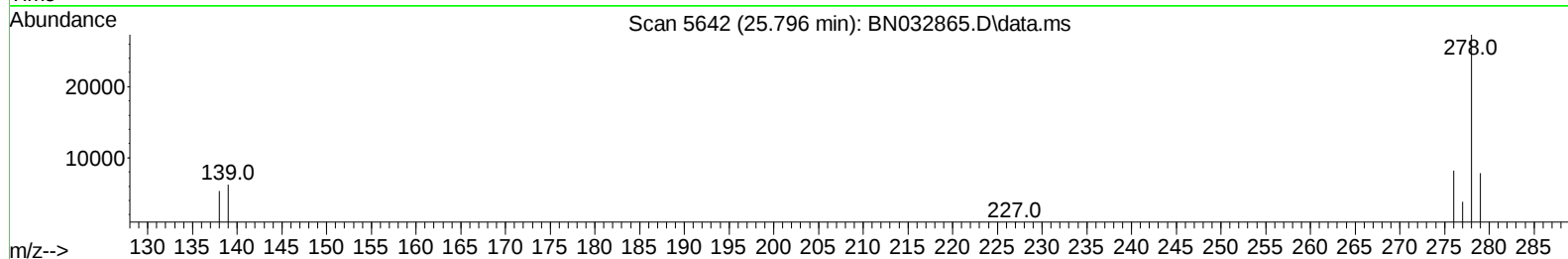
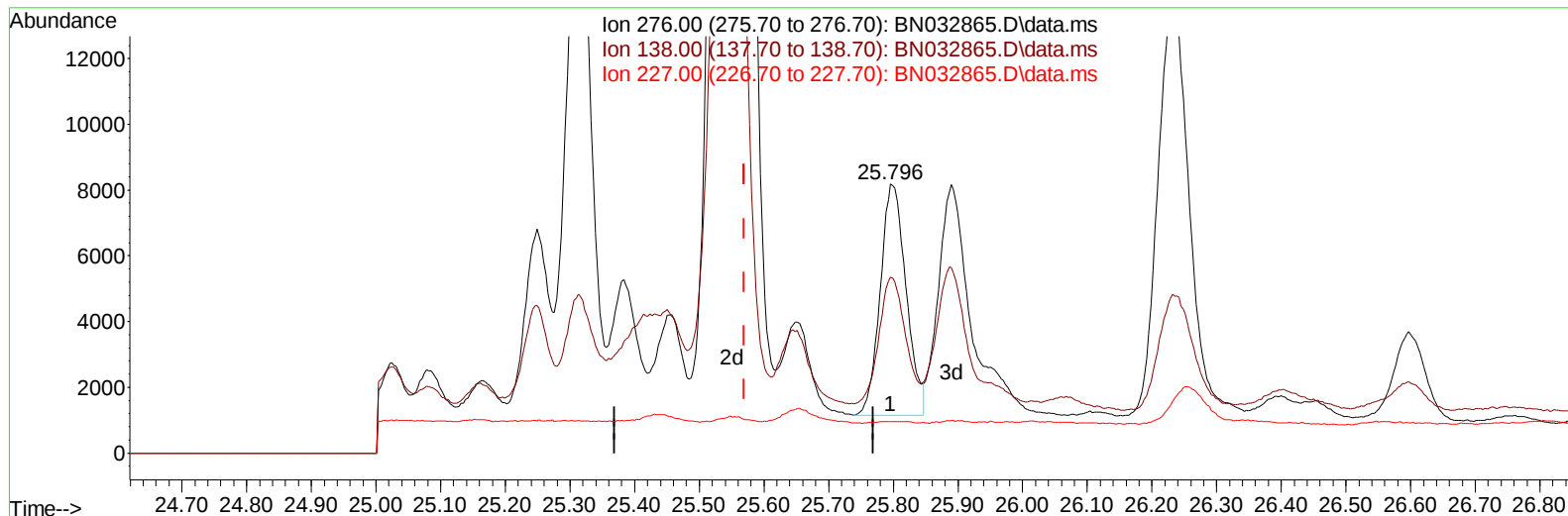
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

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

25.796min (+ 0.226) 0.30 ng/u1

response 19517

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	55.66#
227.00	0.00	0.48#
0.00	0.00	0.00

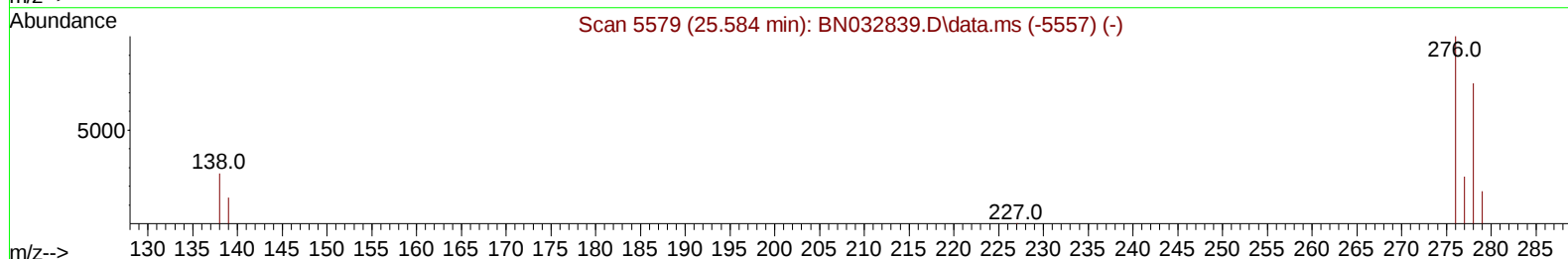
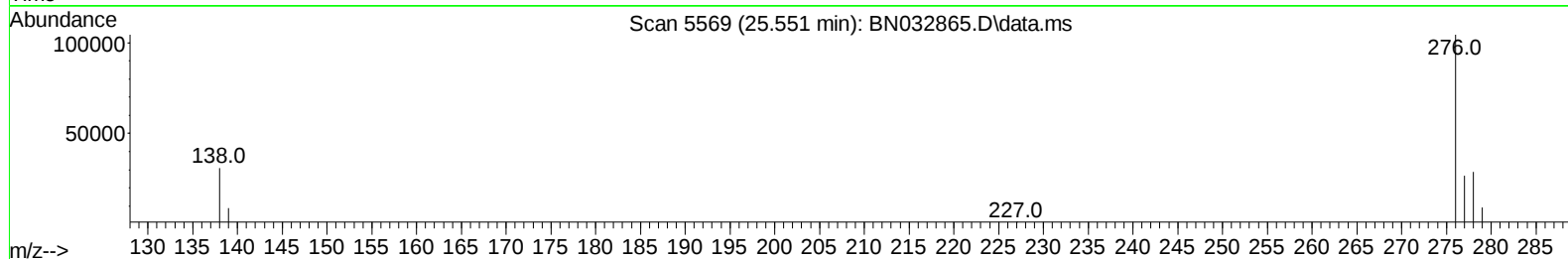
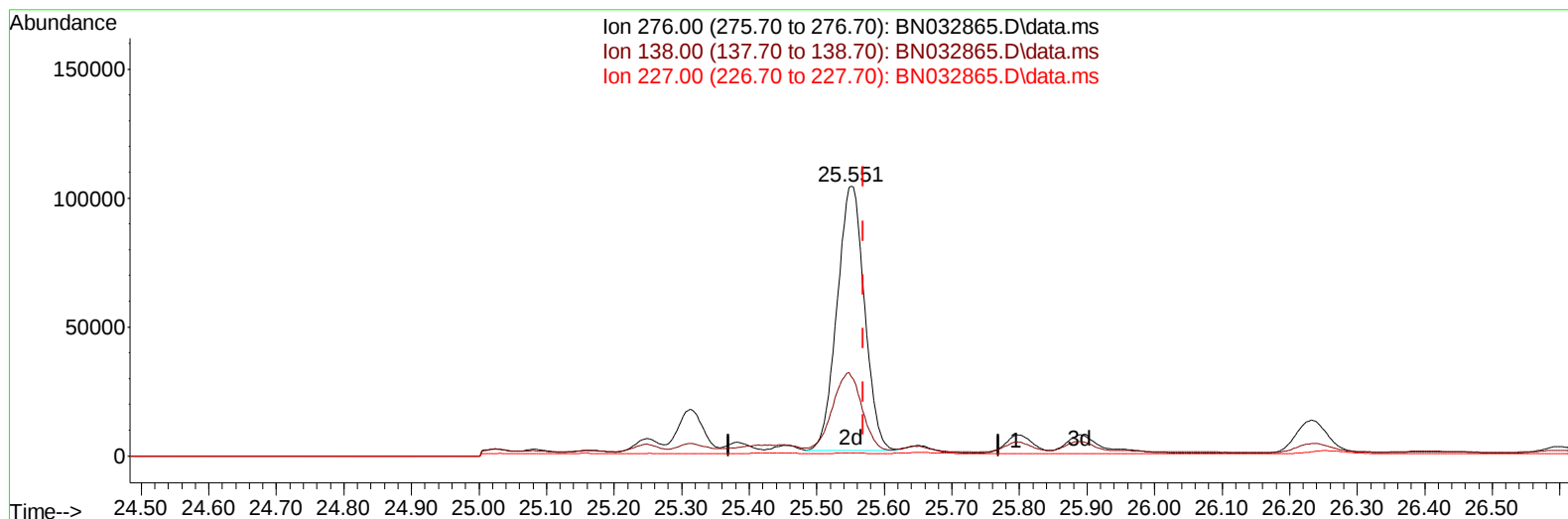
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

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

25.551min (-0.018) 4.38 ng/u1 m

response 288646

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.76#
227.00	0.00	0.03#
0.00	0.00	0.00

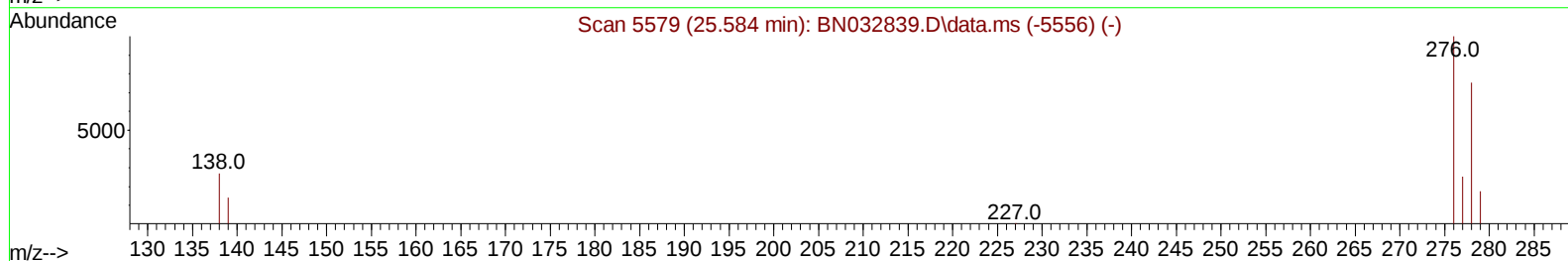
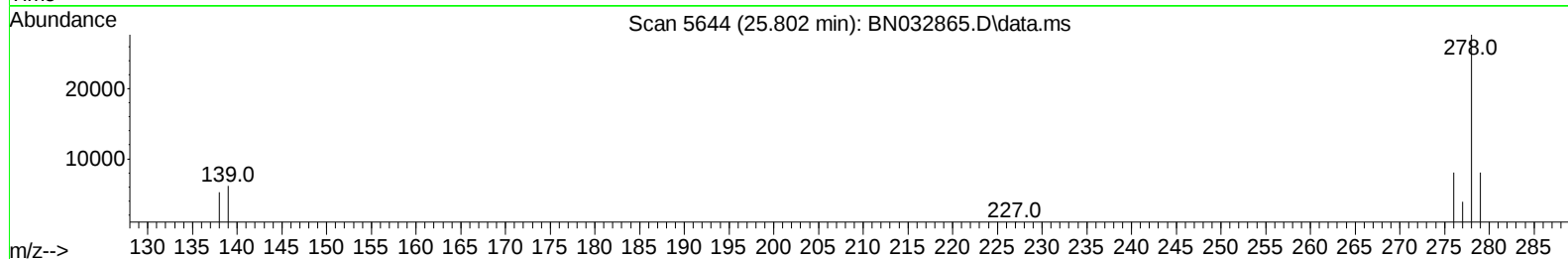
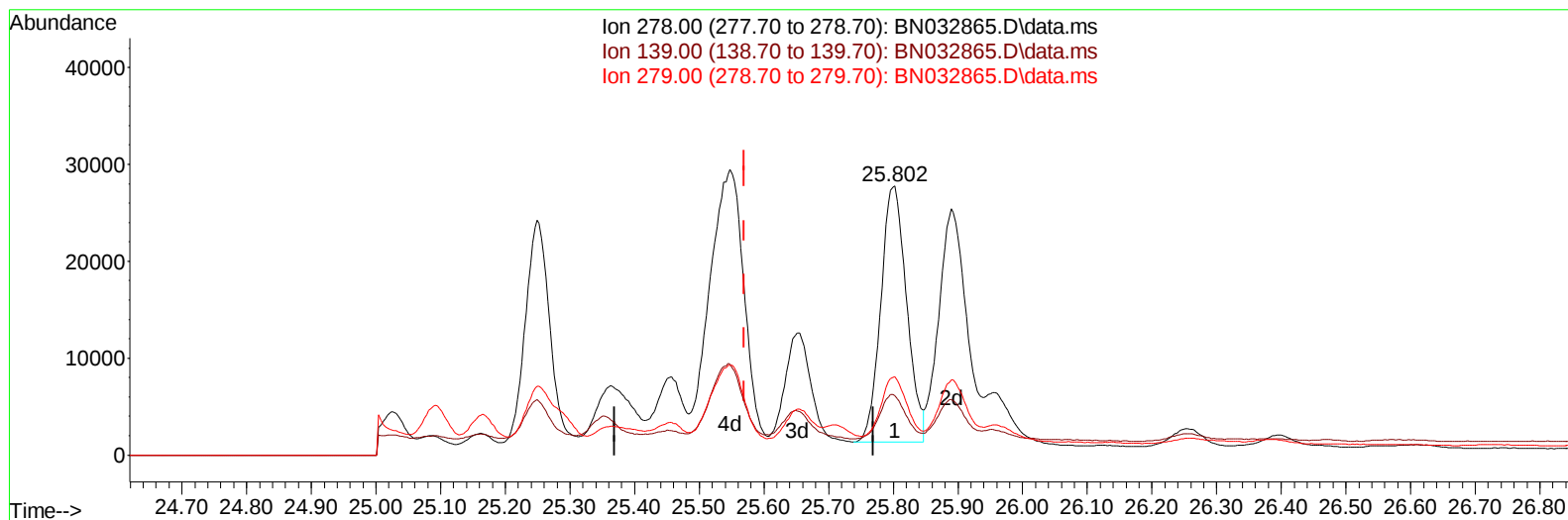
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:39:43 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 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(28) Dibenzo(a,h)anthracene

25.802min (+ 0.233) 1.43 ng/u1

response 73346

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.09
279.00	29.60	29.10
0.00	0.00	0.00

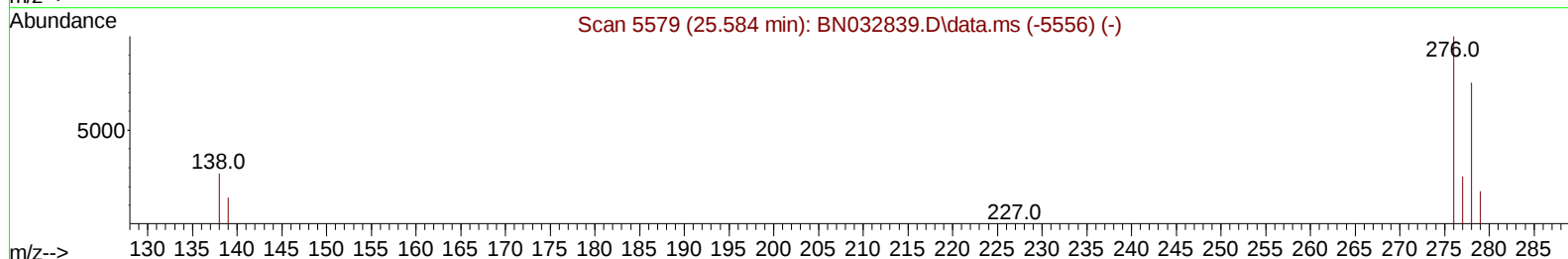
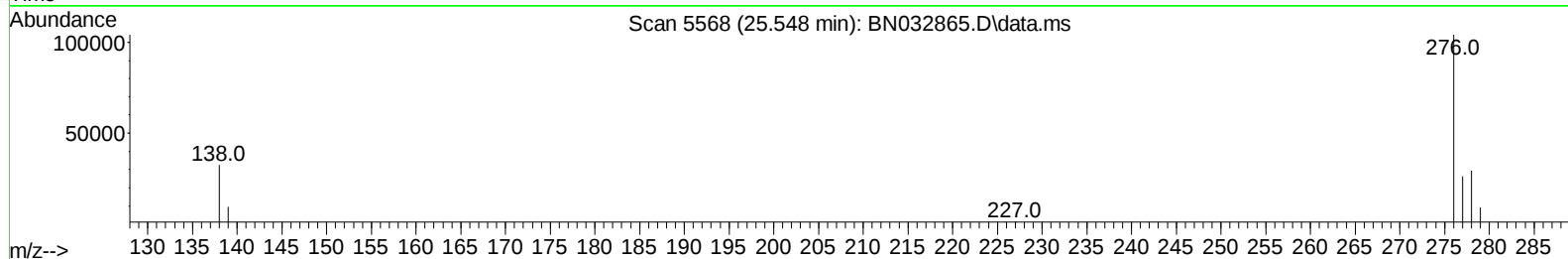
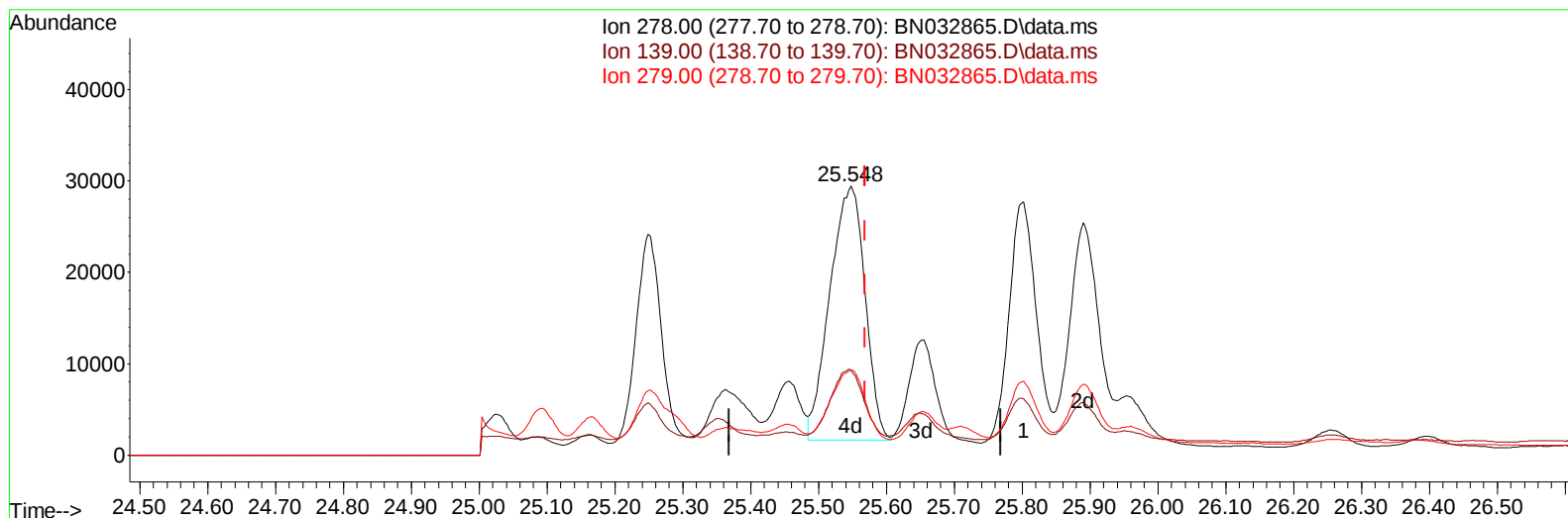
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032865.D
 Acq On : 20 Jul 2024 06:14
 Operator : MA/JU
 Sample : P3238-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF7

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/22/2024



TIC: BN032865.D\data.ms

(28) Dibenzo(a,h)anthracene

25.548min (-0.022) 1.96 ng/ul m

response 100164

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	31.84#
279.00	29.60	31.55
0.00	0.00	0.00

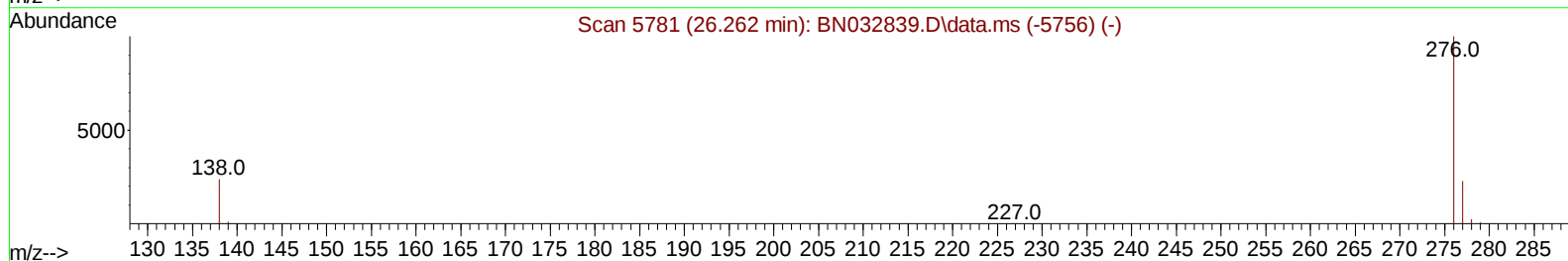
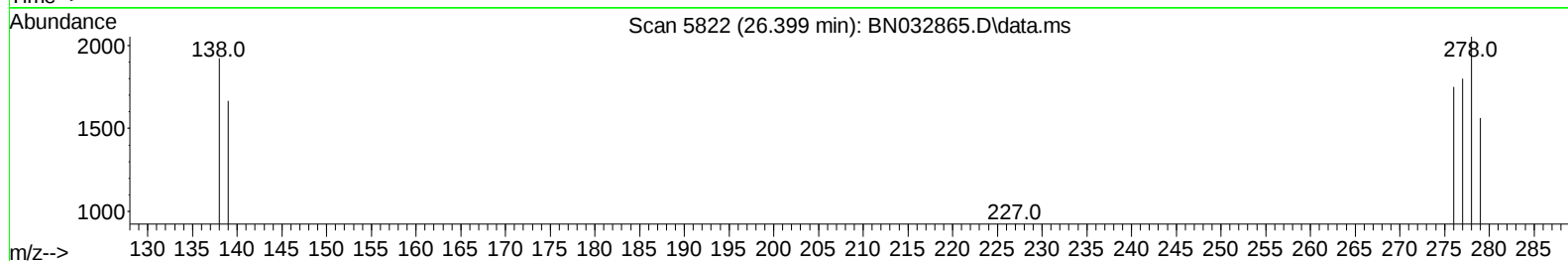
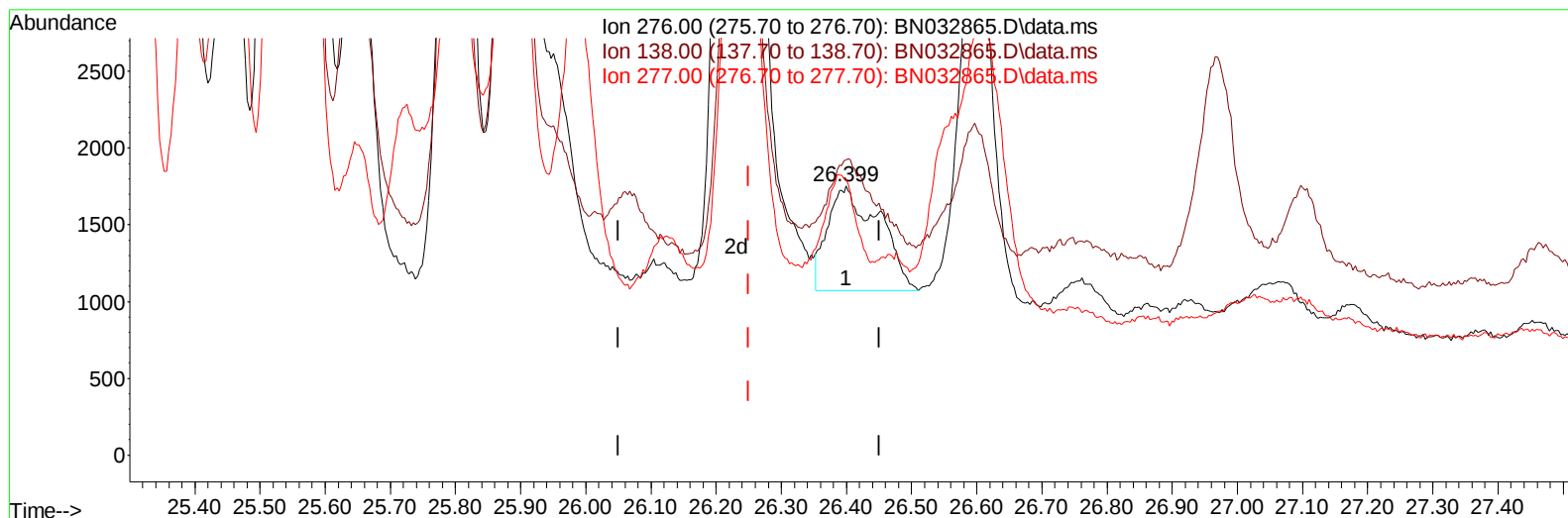
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

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



TIC: BN032865.D\data.ms

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

26.399min (+ 0.149) 0.07 ng/u1

response 3707

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	109.76#
277.00	25.80	102.74#
0.00	0.00	0.00

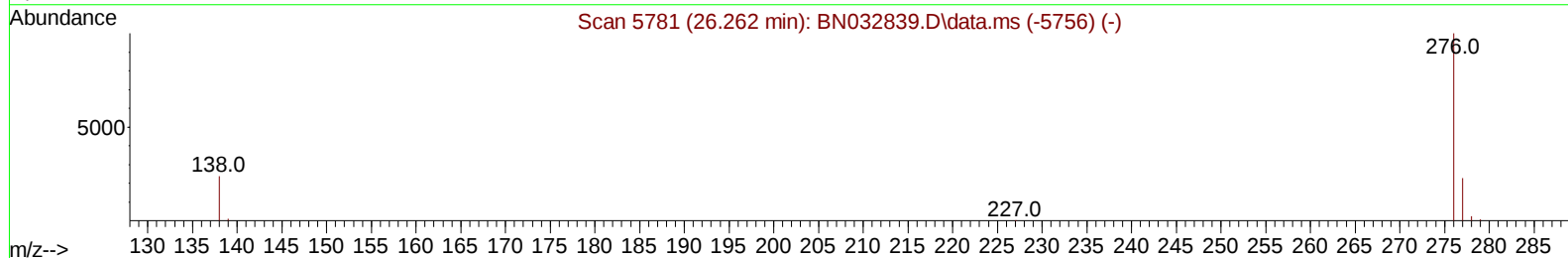
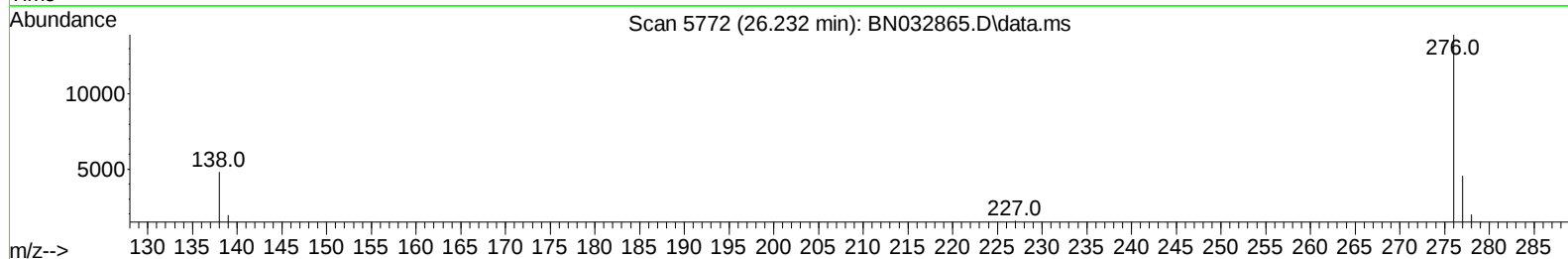
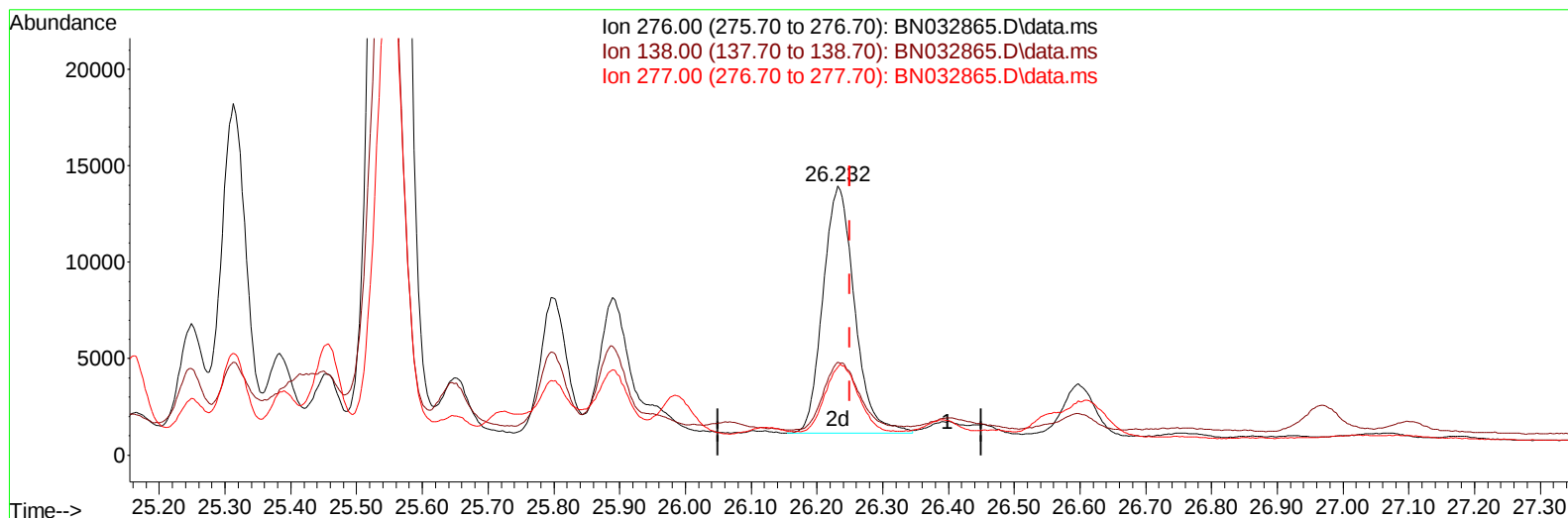
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032865.D
 Acq On : 20 Jul 2024 06:14
 Operator : MA/JU
 Sample : P3238-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF7

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/22/2024
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TIC: BN032865.D\data.ms

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

26.232min (-0.018) 0.78 ng/u1 m

response 42904

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	34.60#
277.00	25.80	32.66#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032865.D
 Acq On : 20 Jul 2024 06:14
 Operator : MA/JU
 Sample : P3238-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF7

Manual IntegrationsAPPROVED

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

Quant Time: Jul 20 06:39:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4604	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.292	136	14130	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.178	164	8244	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	14558m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.155	240	12061m	0.400	ng/ul	-0.01
23) Perylene-d12	23.346	264	15951m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	17728	3.207	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	4486	0.210	ng/ul	-0.03
18) Fluoranthene-d10	18.979	212	8292m	0.211	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.342	128	20393	0.537	ng/ul	98
7) 2-Methylnaphthalene	11.970	142	10165	0.429	ng/ul	97
8) 1-Methylnaphthalene	12.195	142	8712	0.356	ng/ul	100
10) Acenaphthylene	13.895	152	39471	1.185	ng/ul	100
11) Acenaphthene	14.238	153	56719	2.059	ng/ul	98
12) Fluorene	15.237	166	53793	1.708	ng/ul	98
14) Pentachlorophenol	16.614	266	141m	0.055	ng/ul	
15) Phenanthrene	16.981	178	764036m	19.271	ng/ul	
16) Anthracene	17.074	178	191902m	5.924	ng/ul	
19) Fluoranthene	19.011	202	1220381m	24.887	ng/ul	
20) Pyrene	19.379	202	883051m	17.397	ng/ul	
21) Benzo(a)anthracene	21.137	228	556294m	14.490	ng/ul	
22) Chrysene	21.190	228	569964m	10.263	ng/ul	
24) Benzo(b)fluoranthene	22.692	252	760602m	13.514	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	285024m	4.156	ng/ul	
26) Benzo(a)pyrene	23.250	252	317181m	6.512	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.551	276	288646m	4.377	ng/ul	
28) Dibenzo(a,h)anthracene	25.548	278	100164m	1.959	ng/ul	
29) Benzo(g,h,i)perylene	26.232	276	42904m	0.778	ng/ul	

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

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Data File : BN032865.D
Acq On : 20 Jul 2024 06:14
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
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Manual IntegrationsAPPROVED

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