

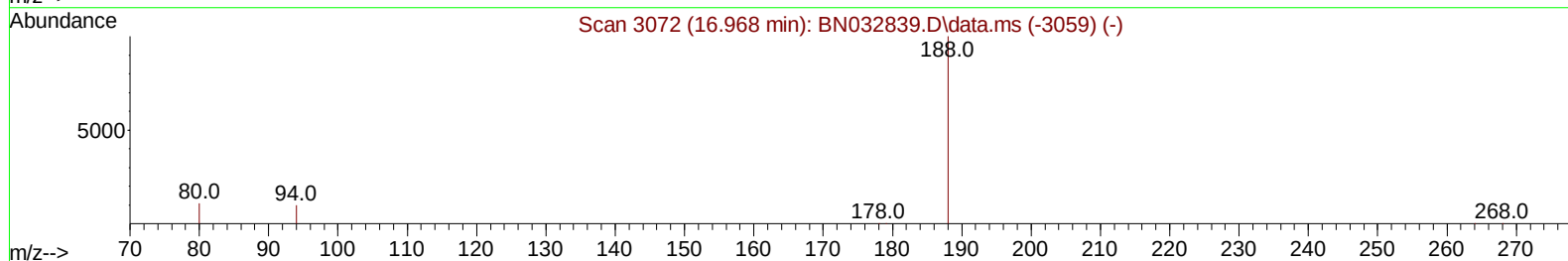
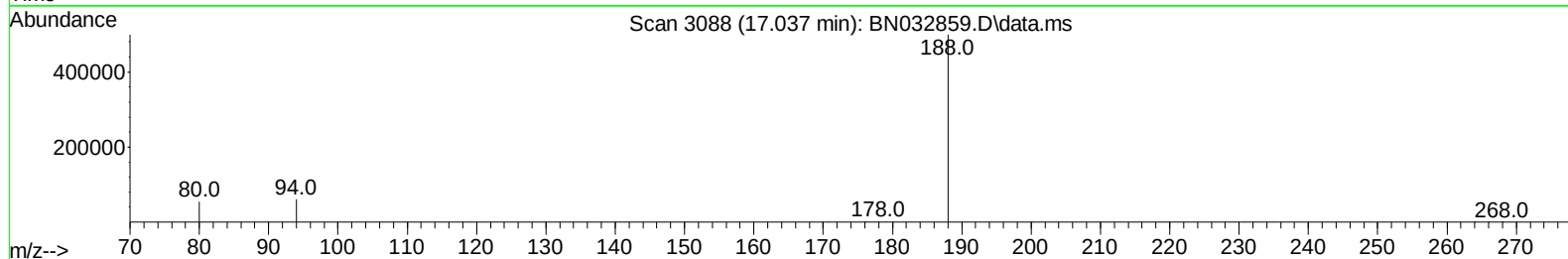
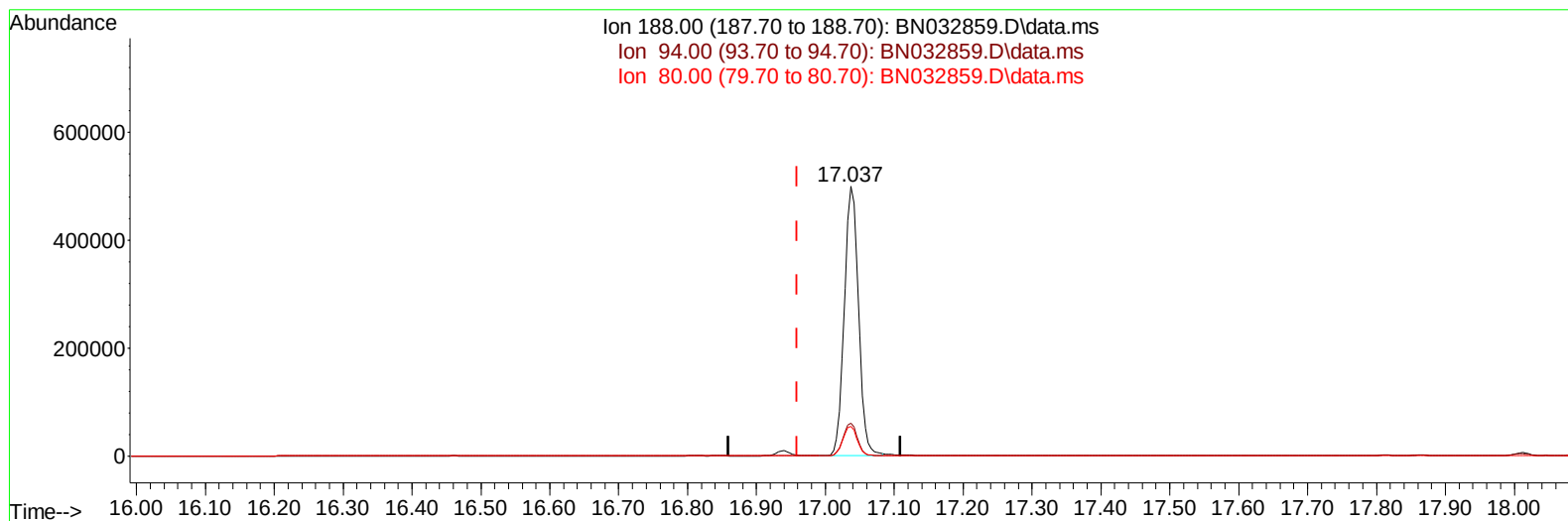
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(13) Phenanthrene-d10 (I)

17.037min (+ 0.077) 0.40 ng/u1

response 716745

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.14
80.00	12.00	10.92
0.00	0.00	0.00

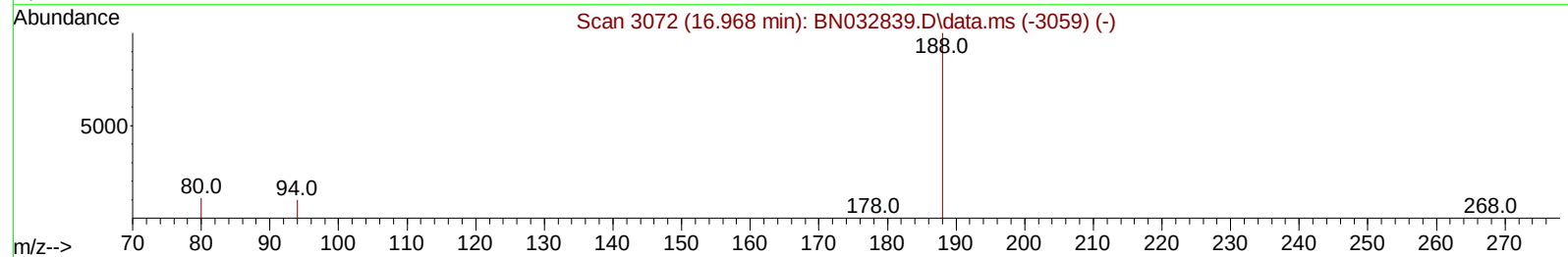
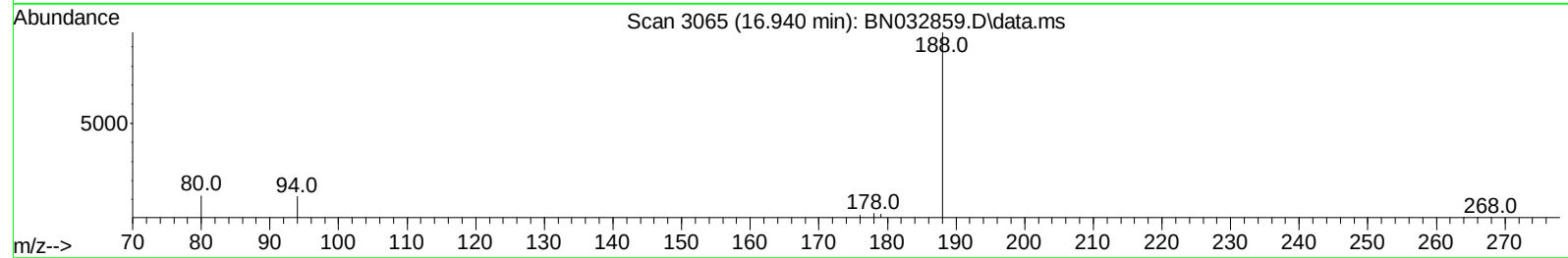
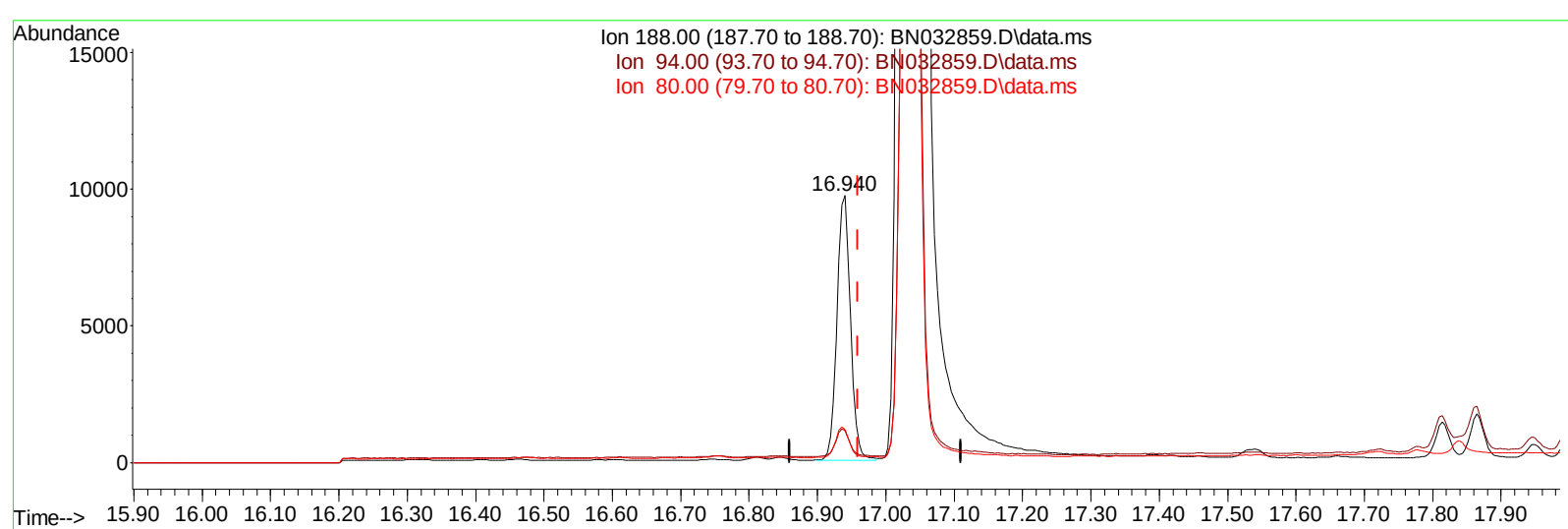
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/20/2024
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TIC: BN032859.D\data.ms

(13) Phenanthrene-d10 (I)

16.940min (-0.020) 0.40 ng/ul m

response 13311

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.90
80.00	12.00	12.42
0.00	0.00	0.00

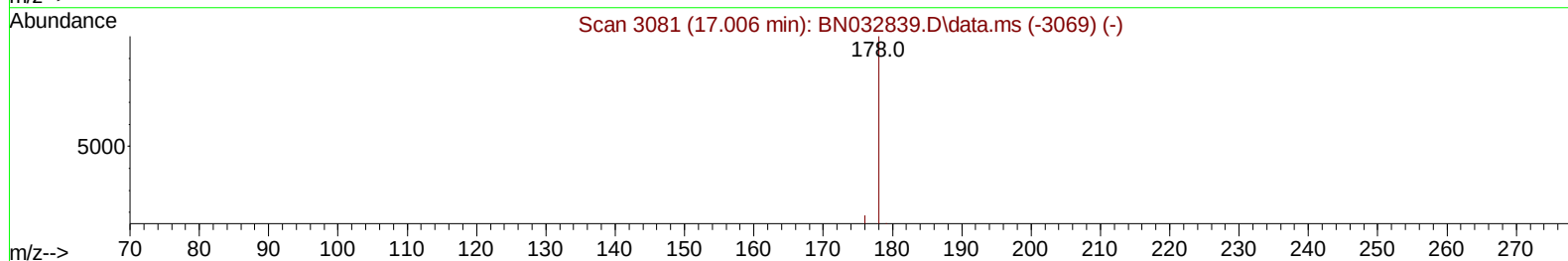
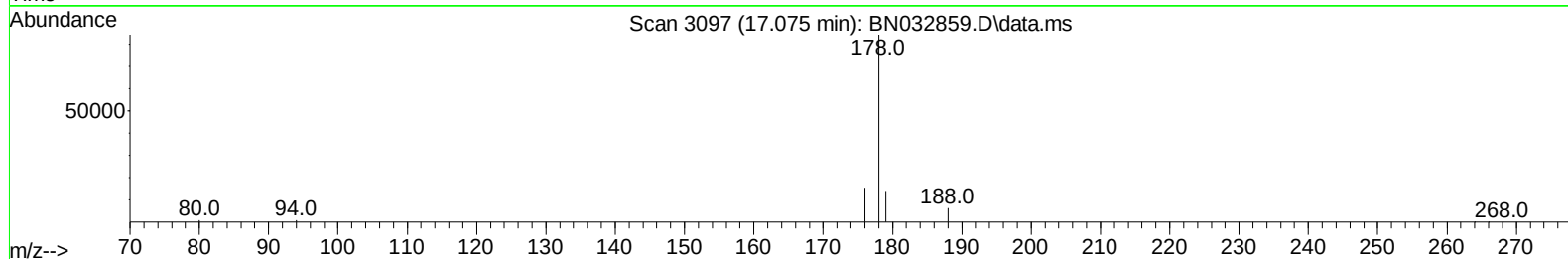
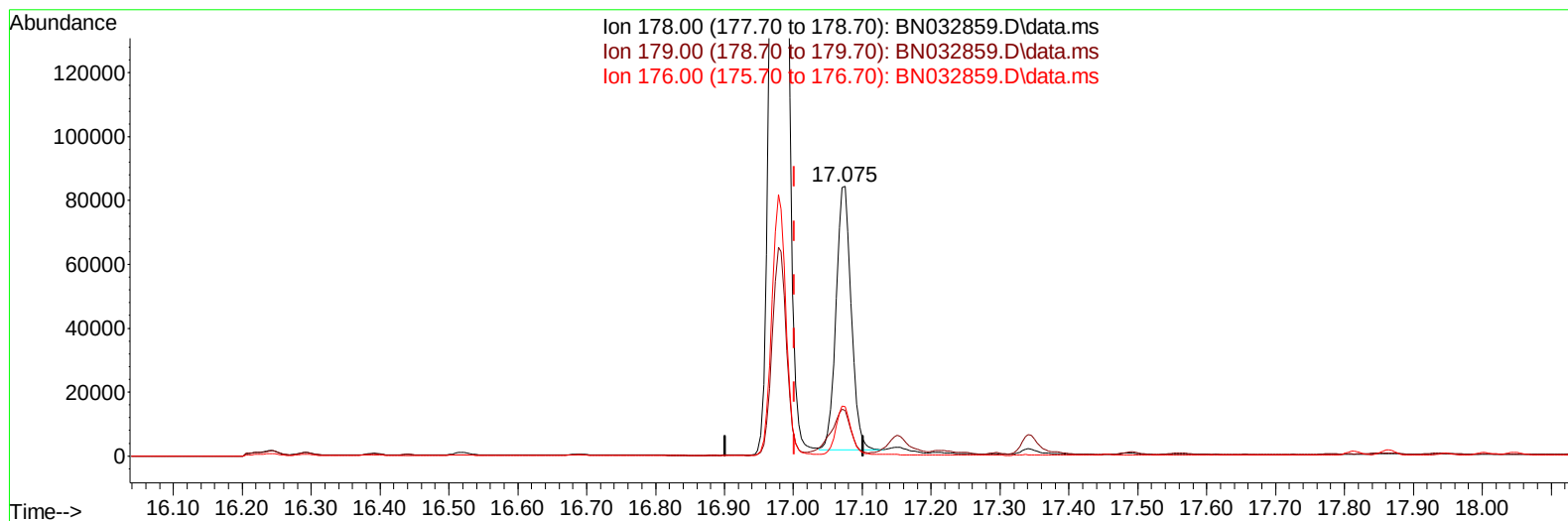
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

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TIC: BN032859.D\data.ms

(15) Phenanthrene

17.075min (+ 0.073) 3.48 ng/ul

response 126193

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.79
176.00	19.50	18.35
0.00	0.00	0.00

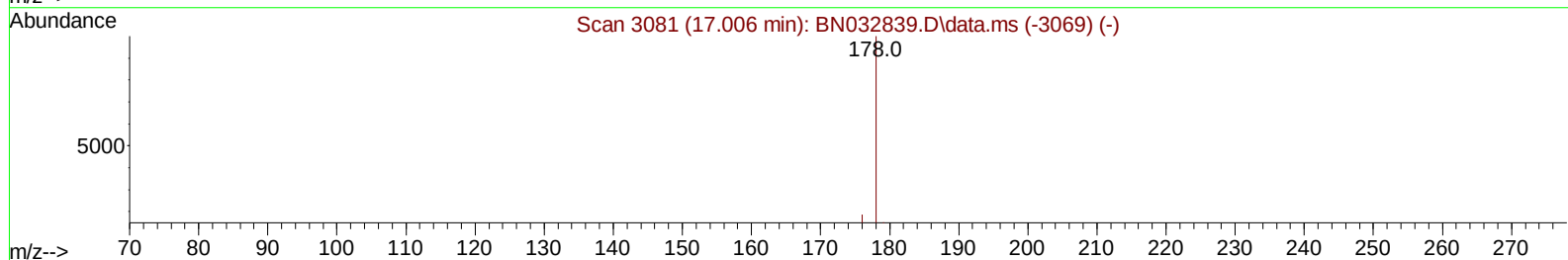
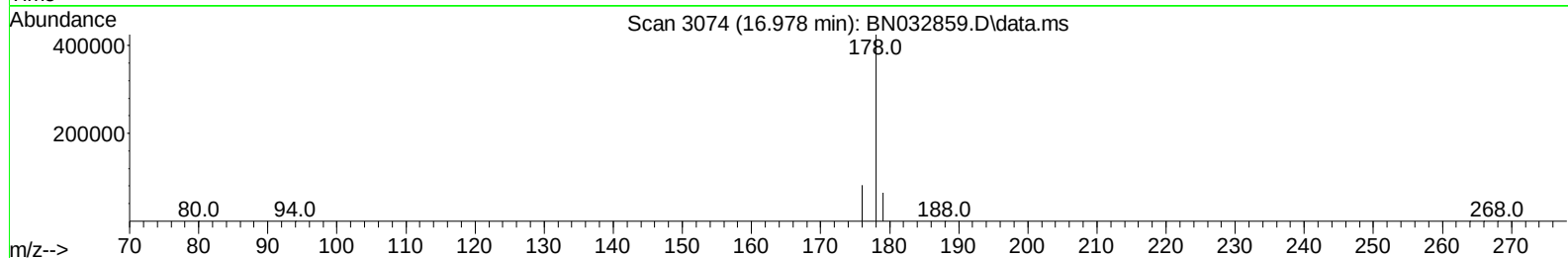
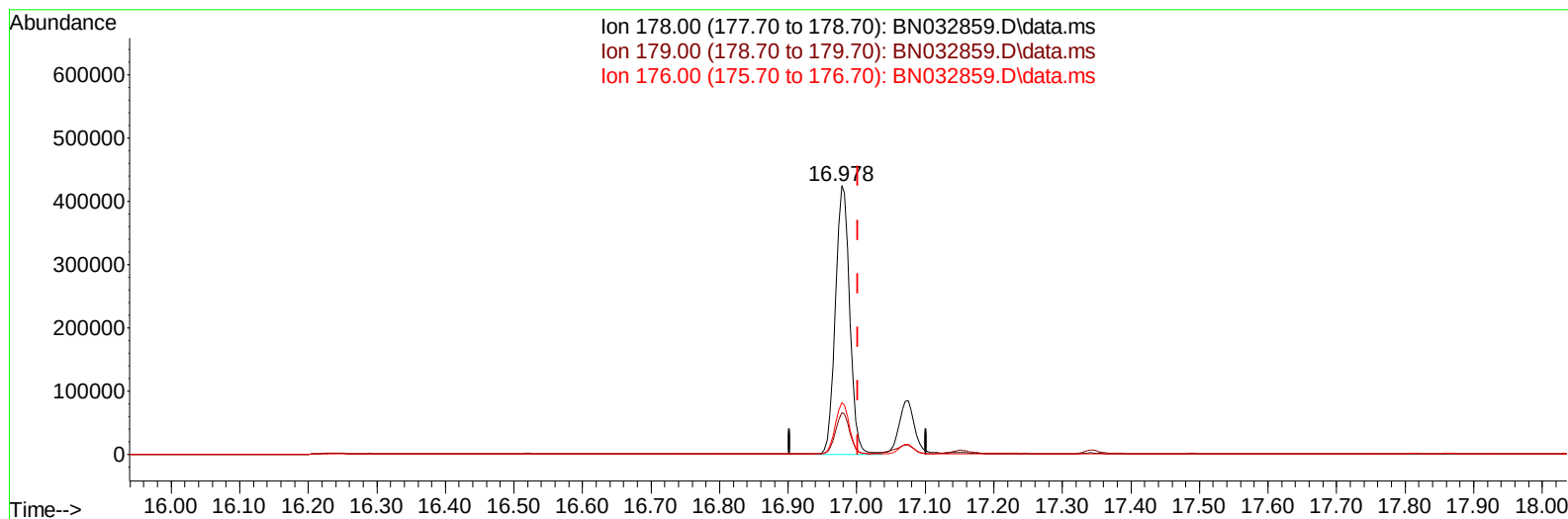
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

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TIC: BN032859.D\data.ms

(15) Phenanthrene

16.978min (-0.024) 16.96 ng/ul m

response 614932

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.38
176.00	19.50	19.28
0.00	0.00	0.00

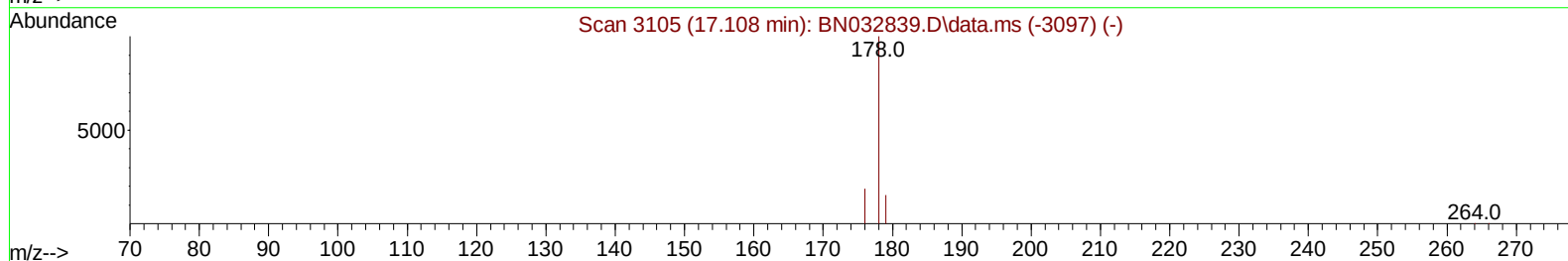
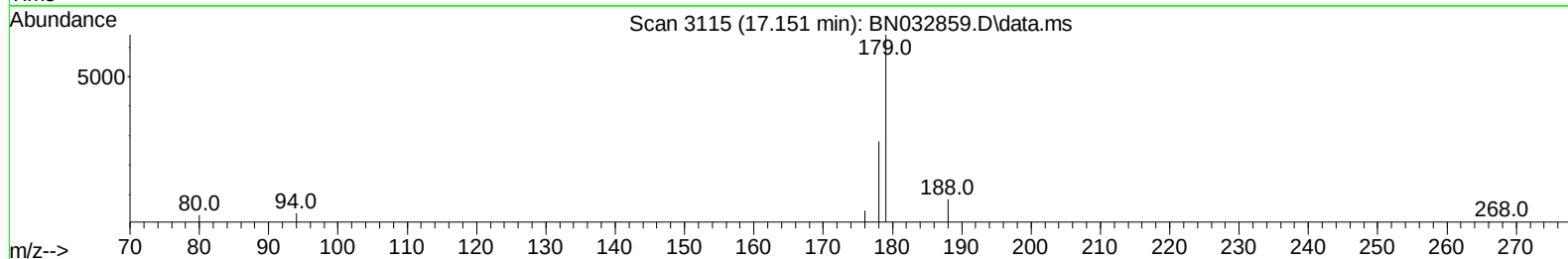
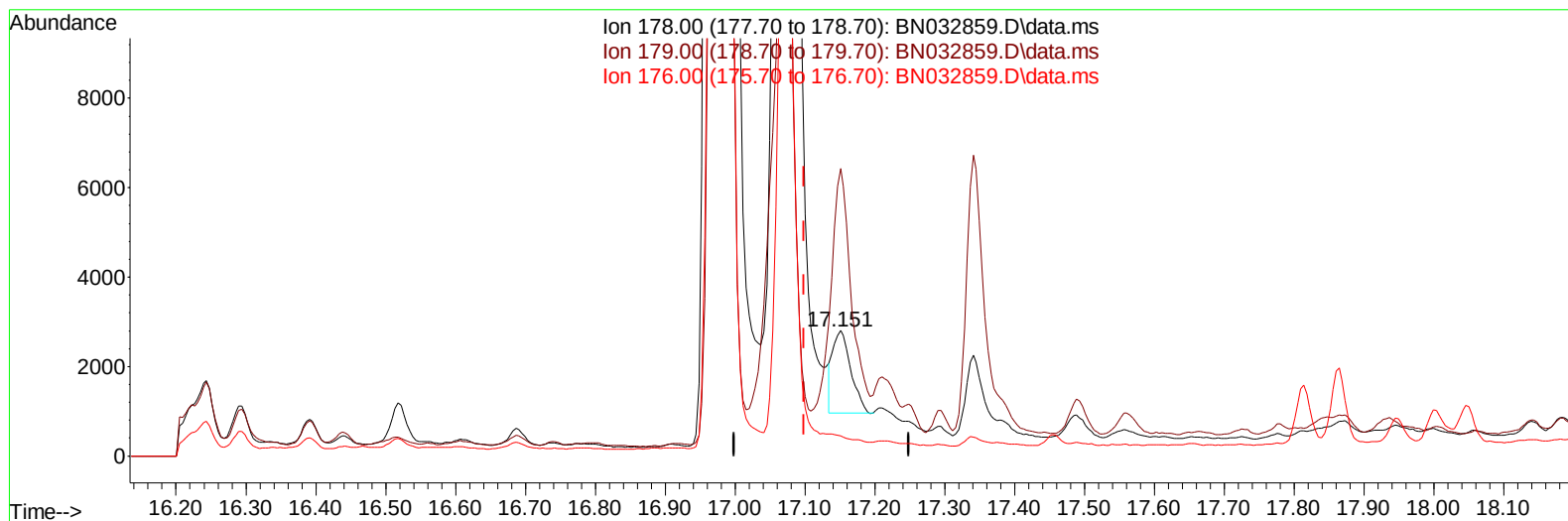
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
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TIC: BN032859.D\data.ms

(16) Anthracene

17.151min (+ 0.052) 0.11 ng/u1

response 3308

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	229.22#
176.00	19.20	16.20
0.00	0.00	0.00

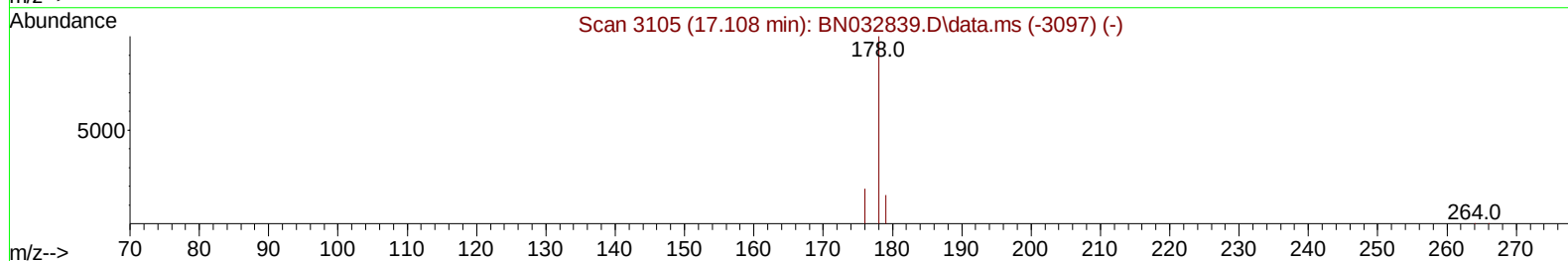
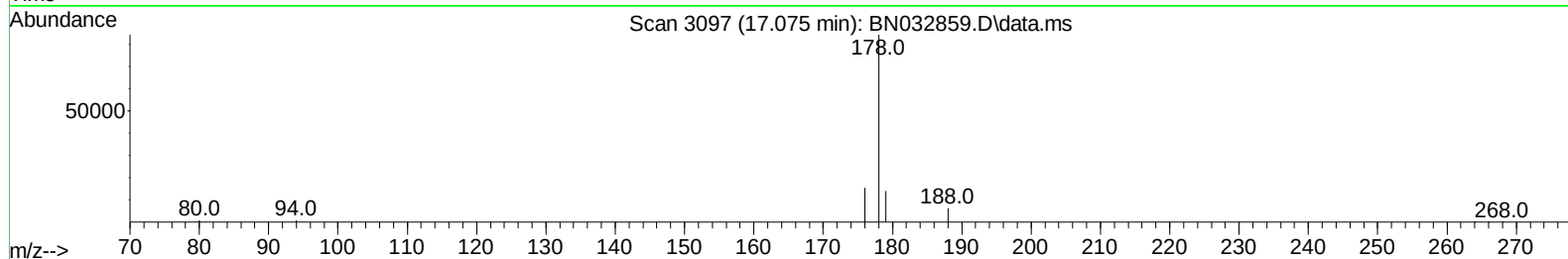
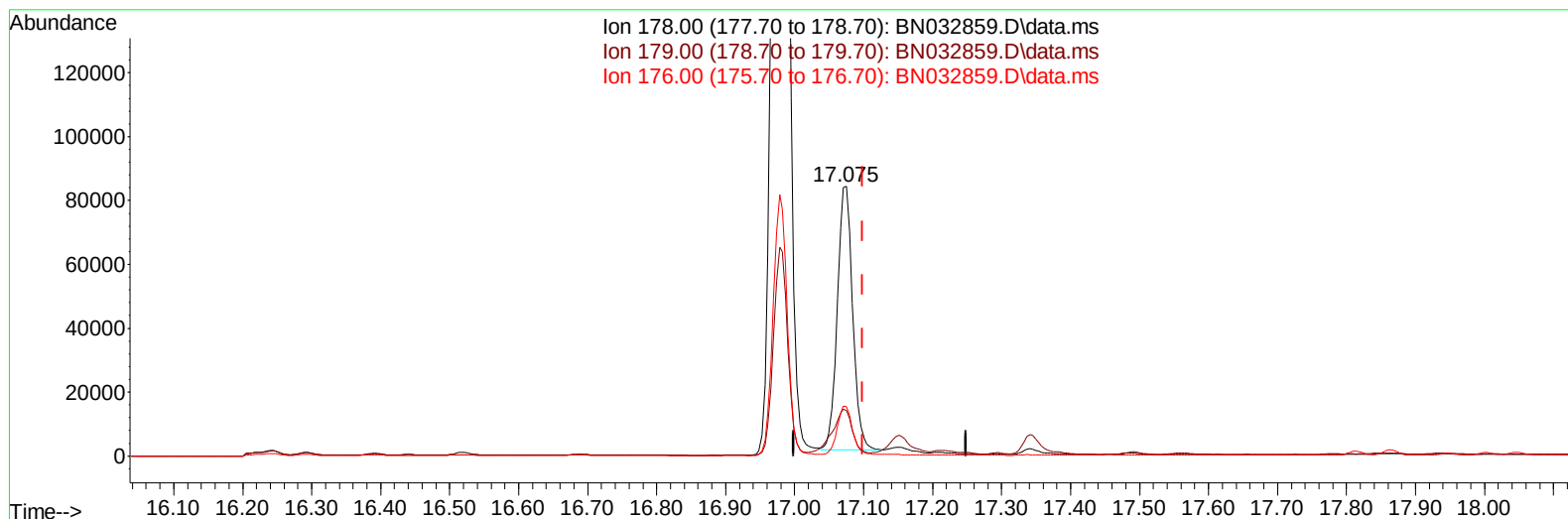
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(16) Anthracene

17.075min (-0.024) 4.29 ng/ul m

response 127046

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.79
176.00	19.20	18.35
0.00	0.00	0.00

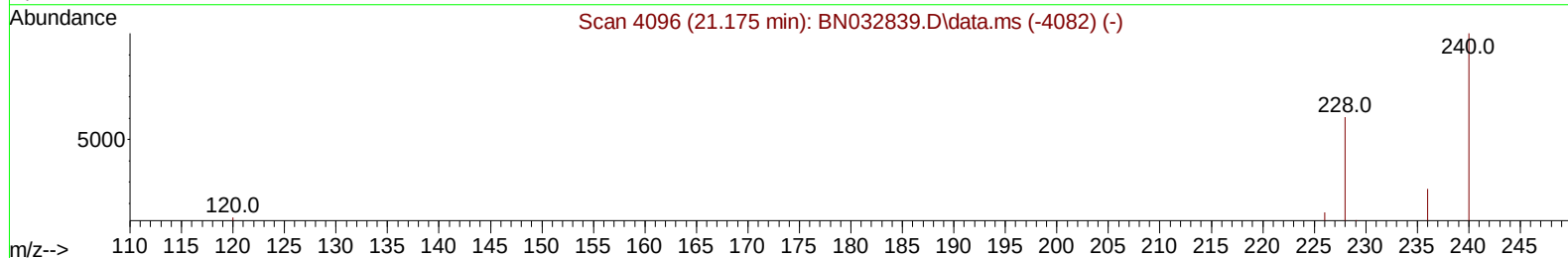
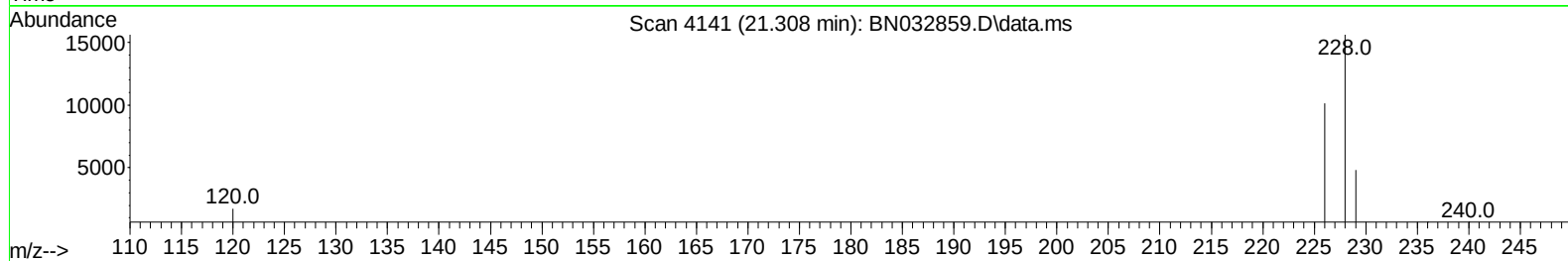
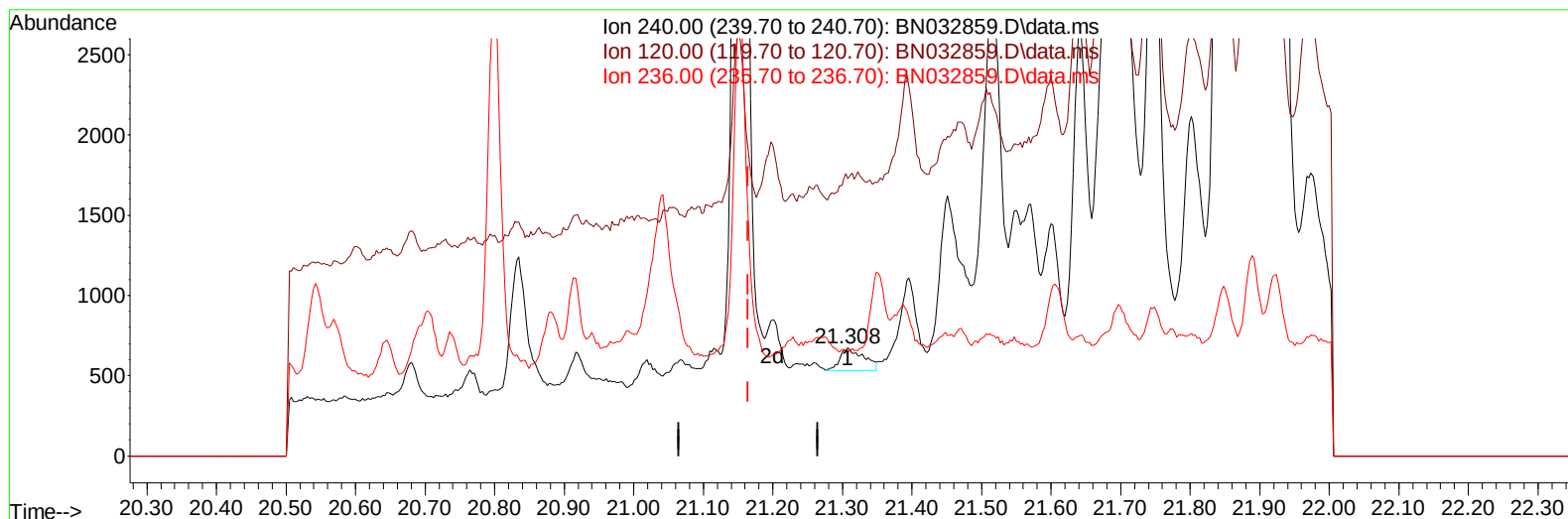
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

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TIC: BN032859.D\data.ms

(17) Chrysene-d12

21.308min (+ 0.143) 0.40 ng/u1

response 330

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	256.08#
236.00	28.40	97.77#
0.00	0.00	0.00

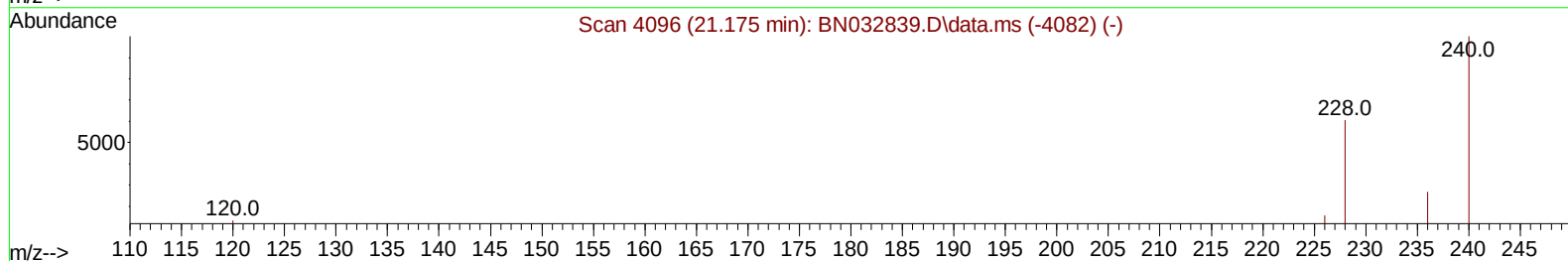
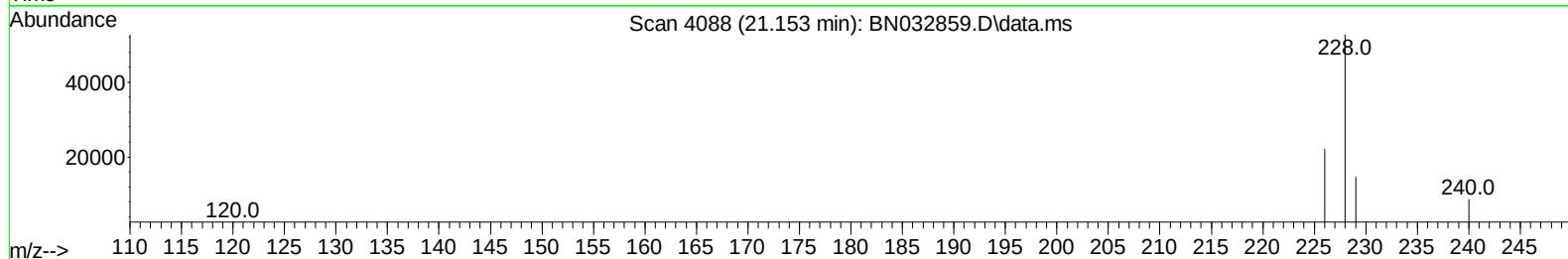
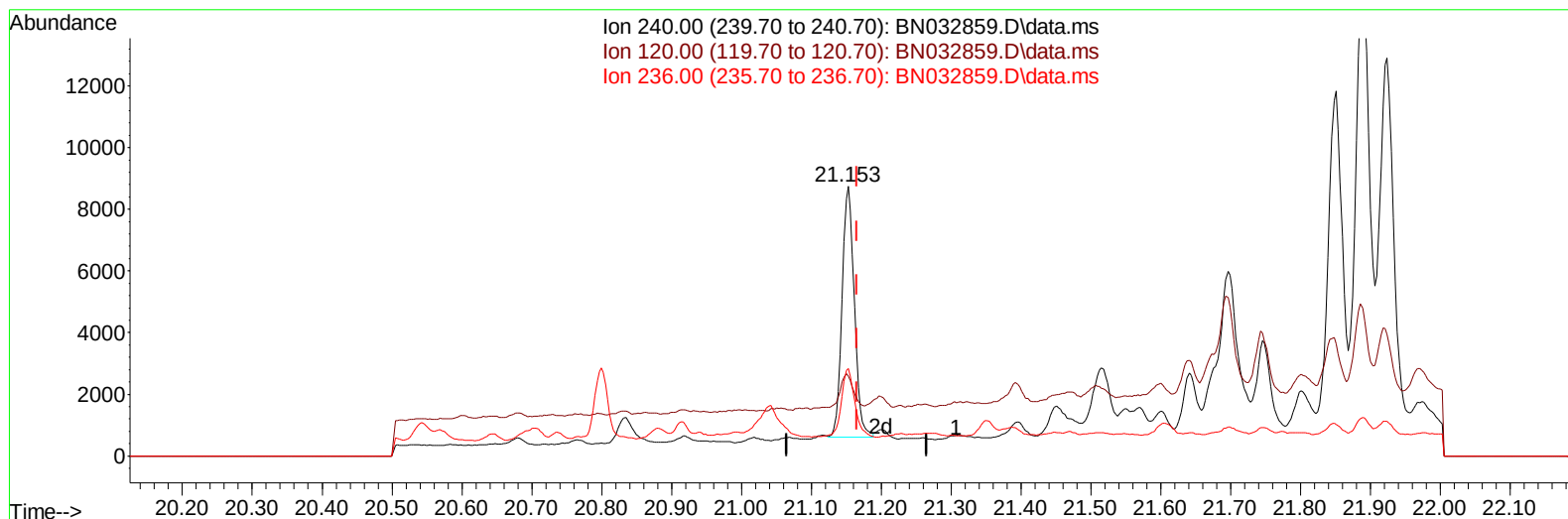
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 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
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(17) Chrysene-d12

21.153min (-0.012) 0.40 ng/ul m

response 9830

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	29.59#
236.00	28.40	32.33
0.00	0.00	0.00

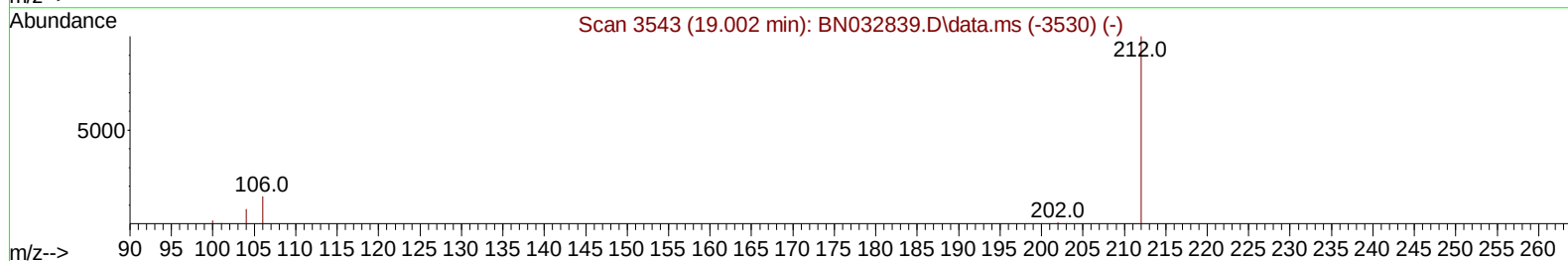
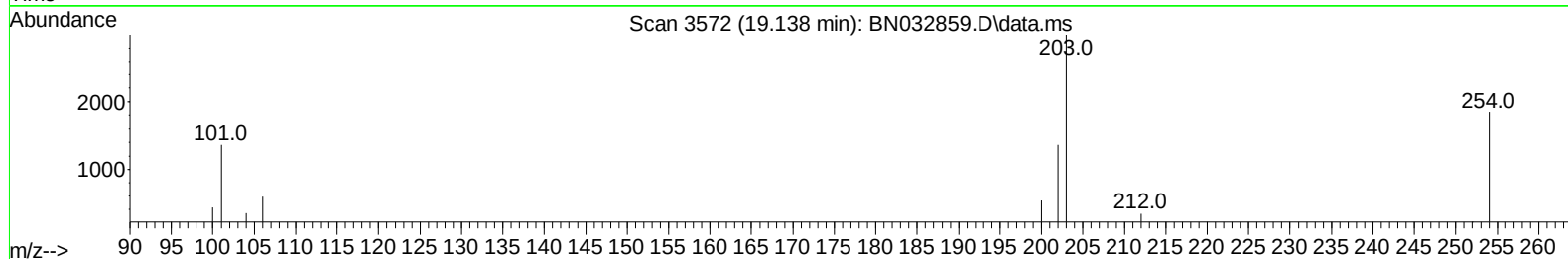
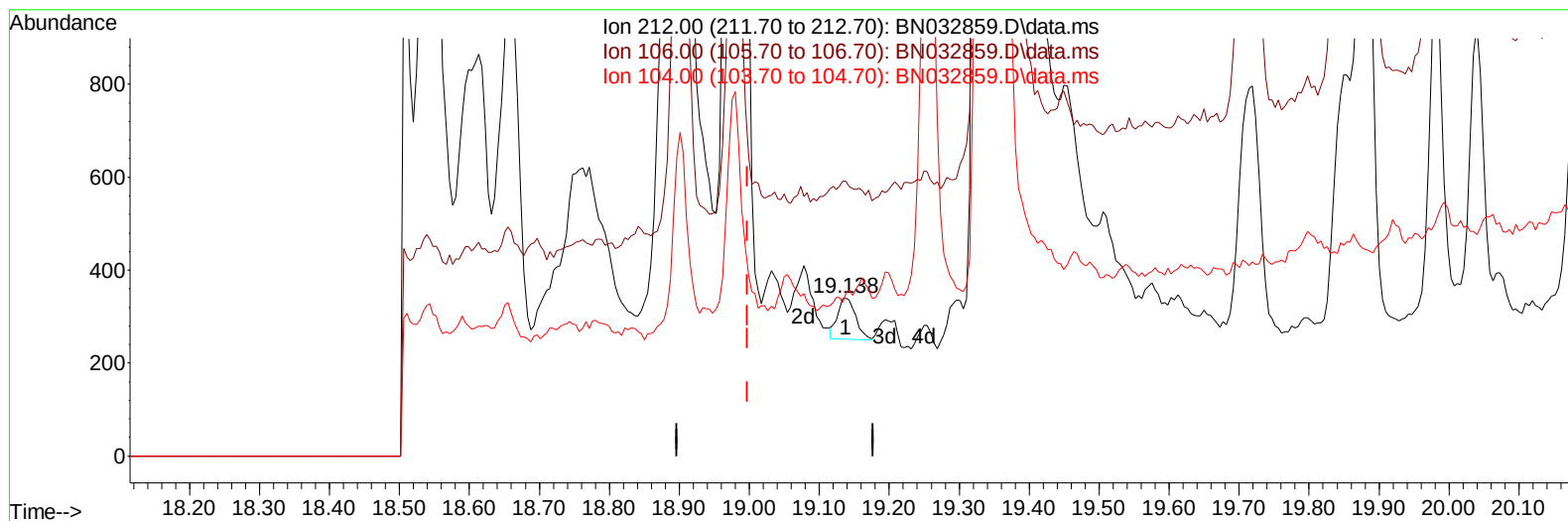
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
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TIC: BN032859.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.138min (+ 0.141) 0.00 ng/u1

response 158

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	70.25#
104.00	9.00	0.00#
0.00	0.00	0.00

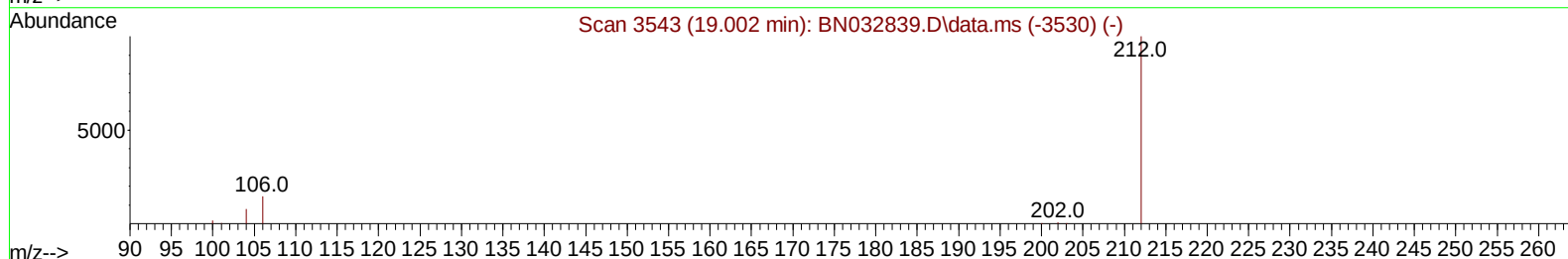
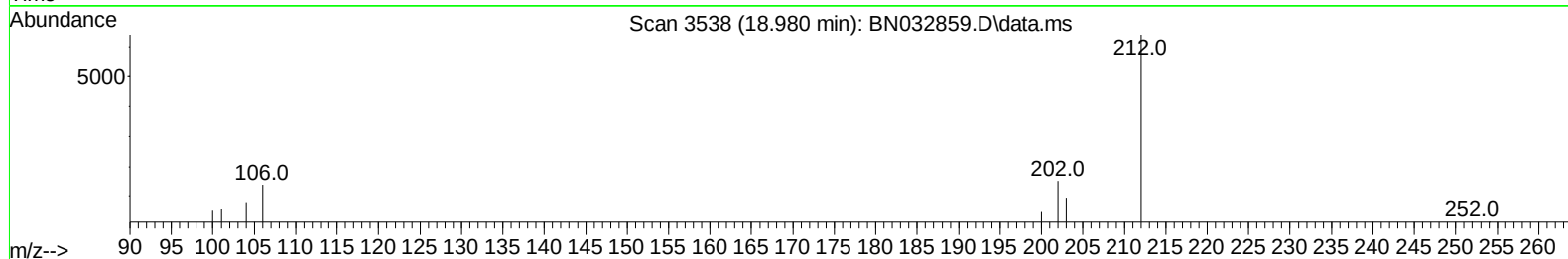
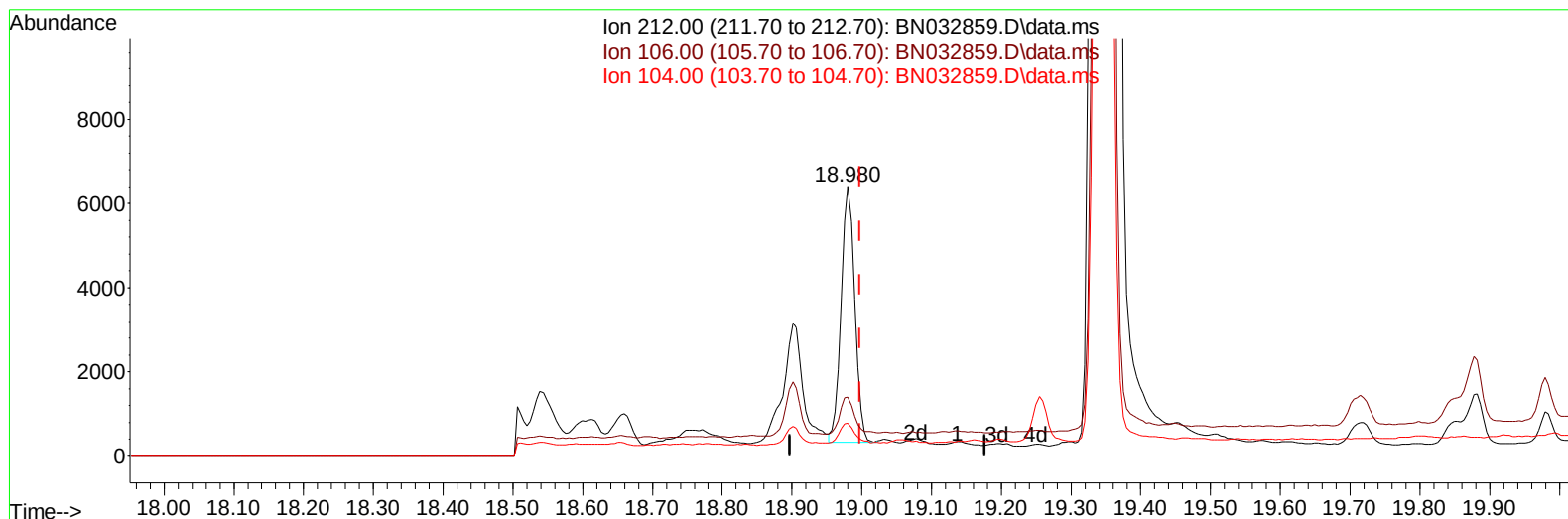
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
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TIC: BN032859.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.980min (-0.017) 0.25 ng/ul m

response 8102

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	1.37#
104.00	9.00	0.00#
0.00	0.00	0.00

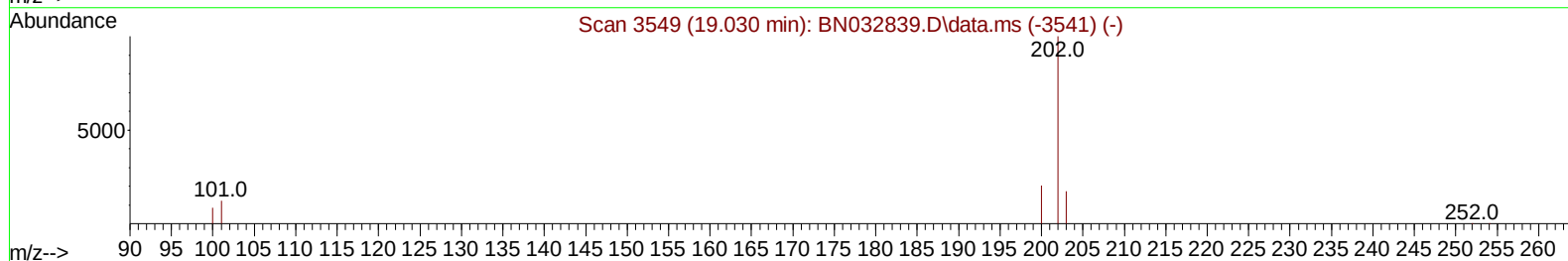
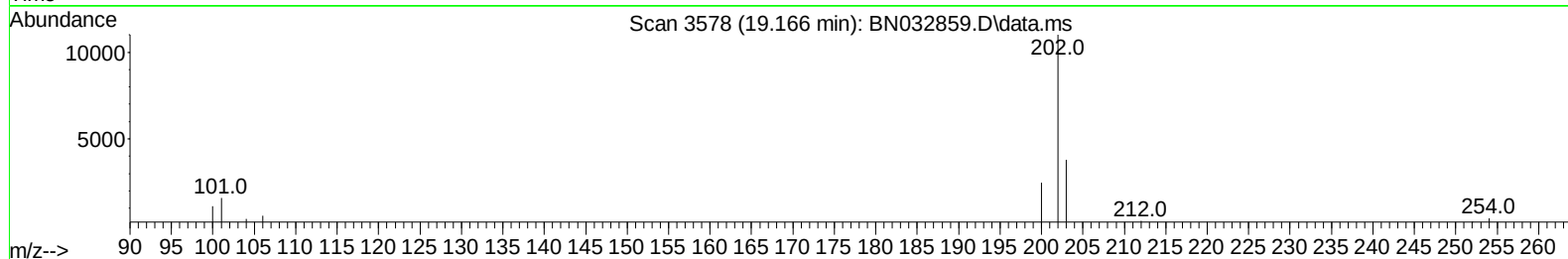
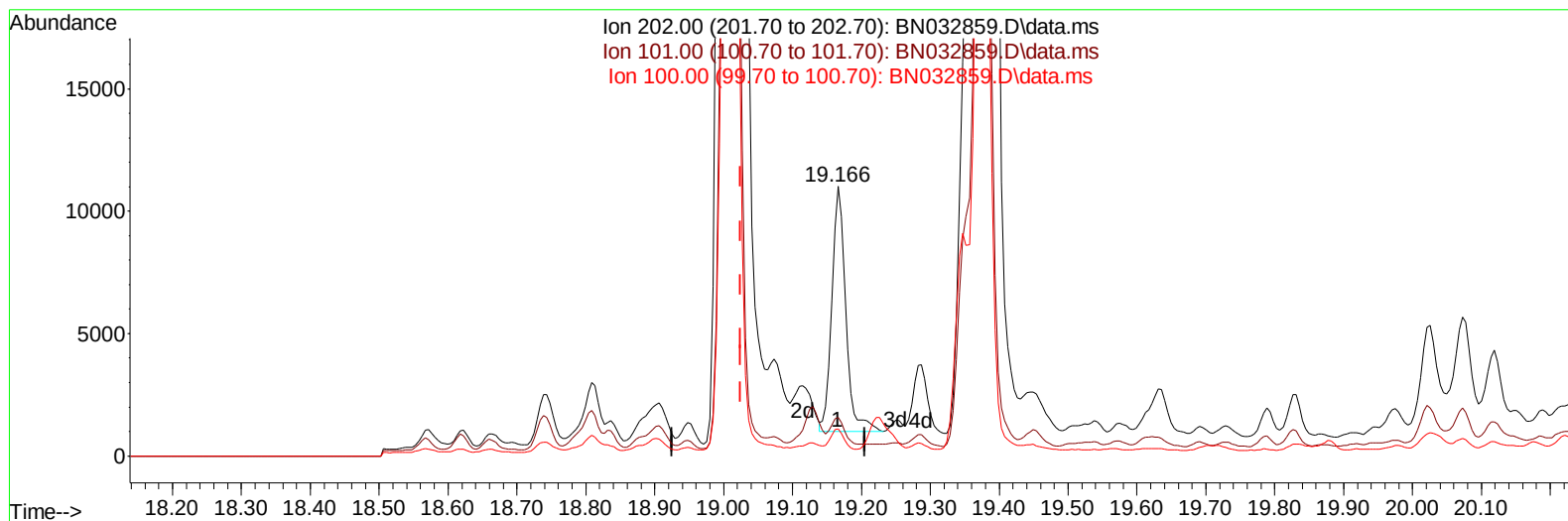
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

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TIC: BN032859.D\data.ms

(19) Fluoranthene (C)

19.166min (+ 0.141) 0.35 ng/u1

response 14151

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	14.39
100.00	9.90	10.05
0.00	0.00	0.00

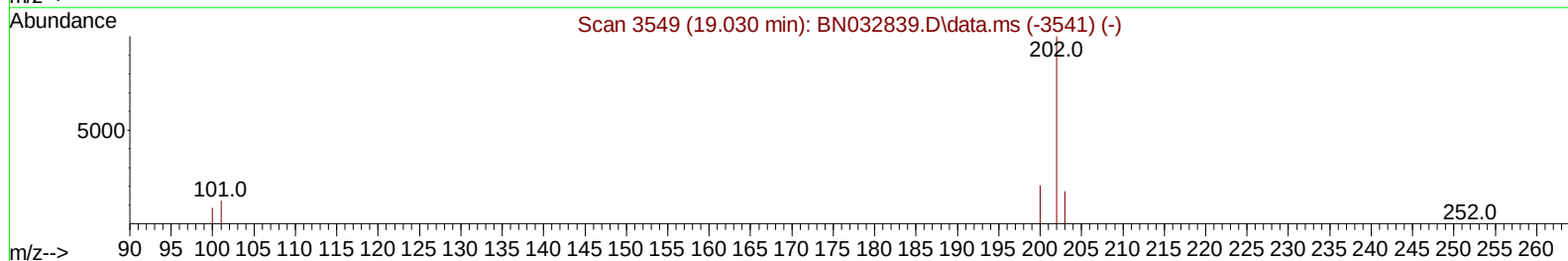
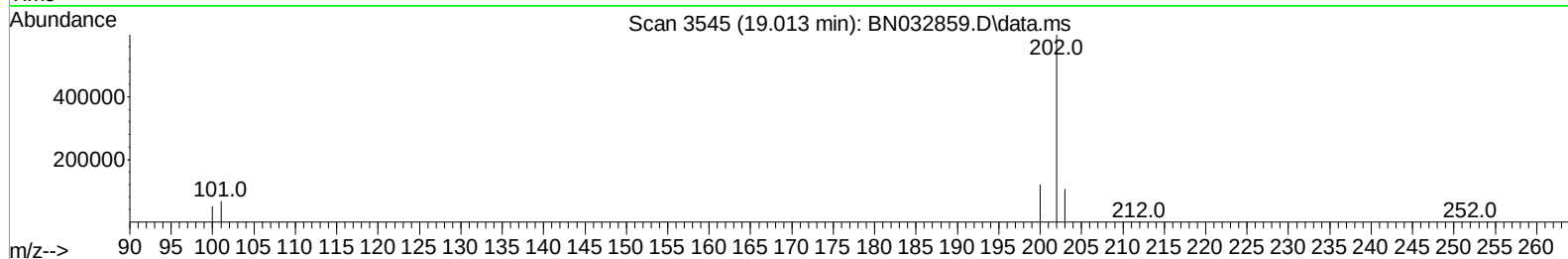
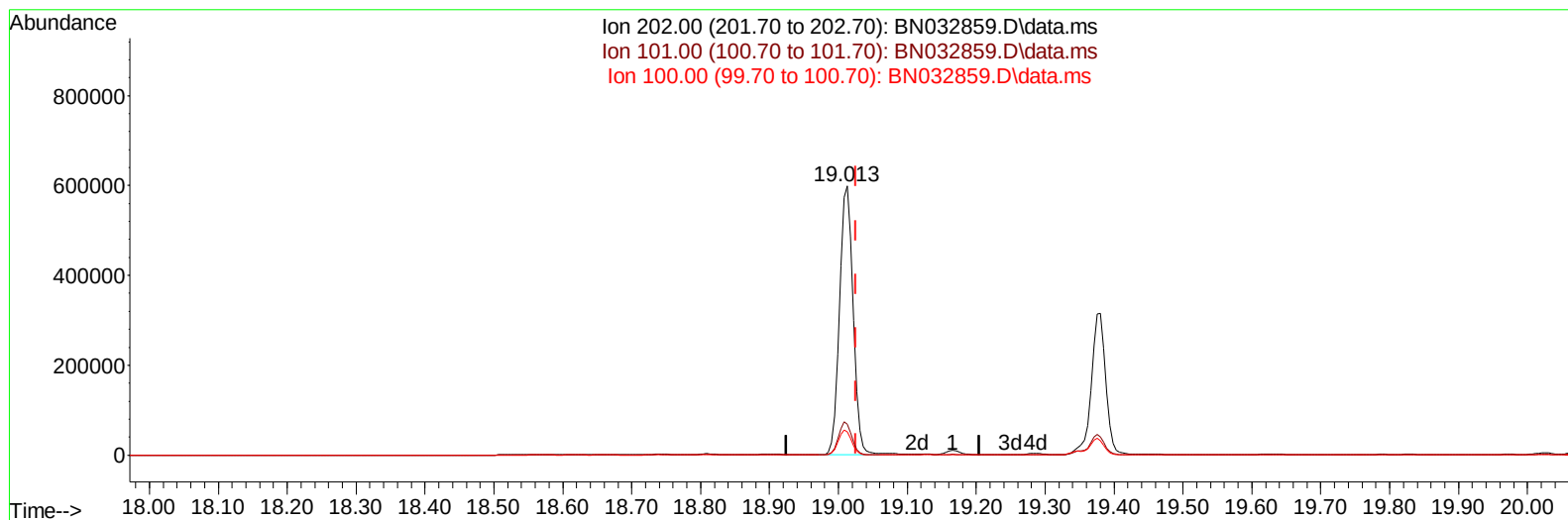
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032859.D\data.ms

(19) Fluoranthene (C)

19.013min (-0.012) 20.68 ng/ul m

response 826430

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.39
100.00	9.90	8.51
0.00	0.00	0.00

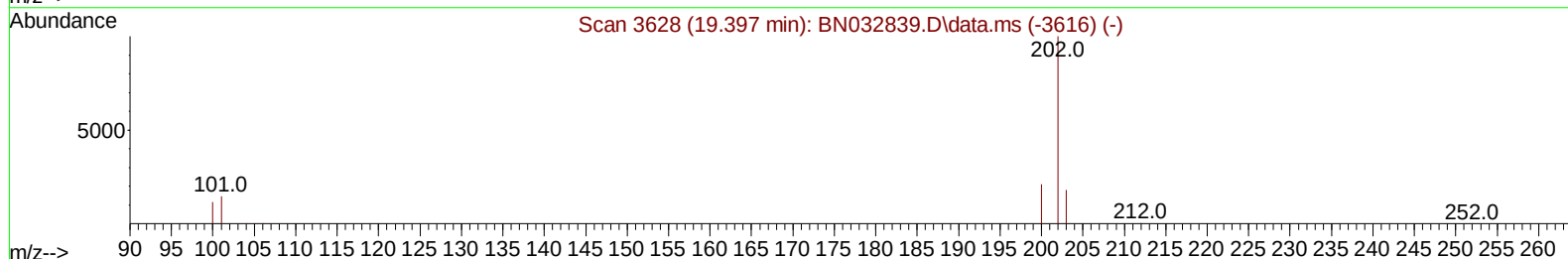
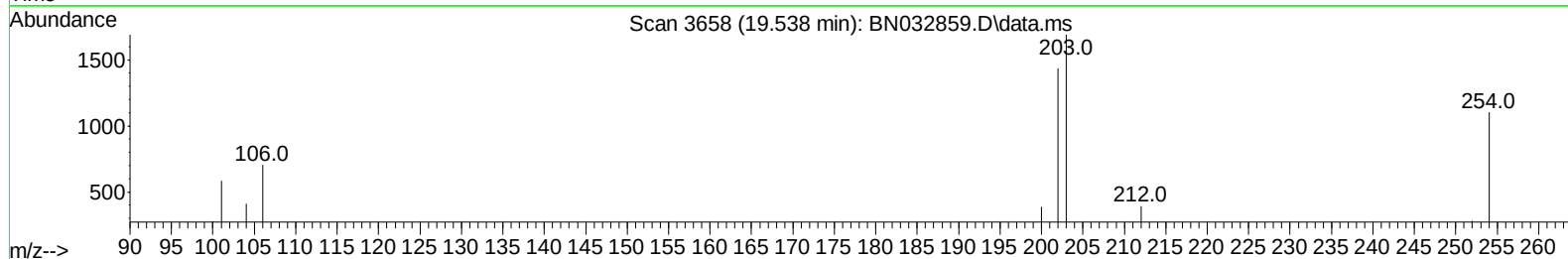
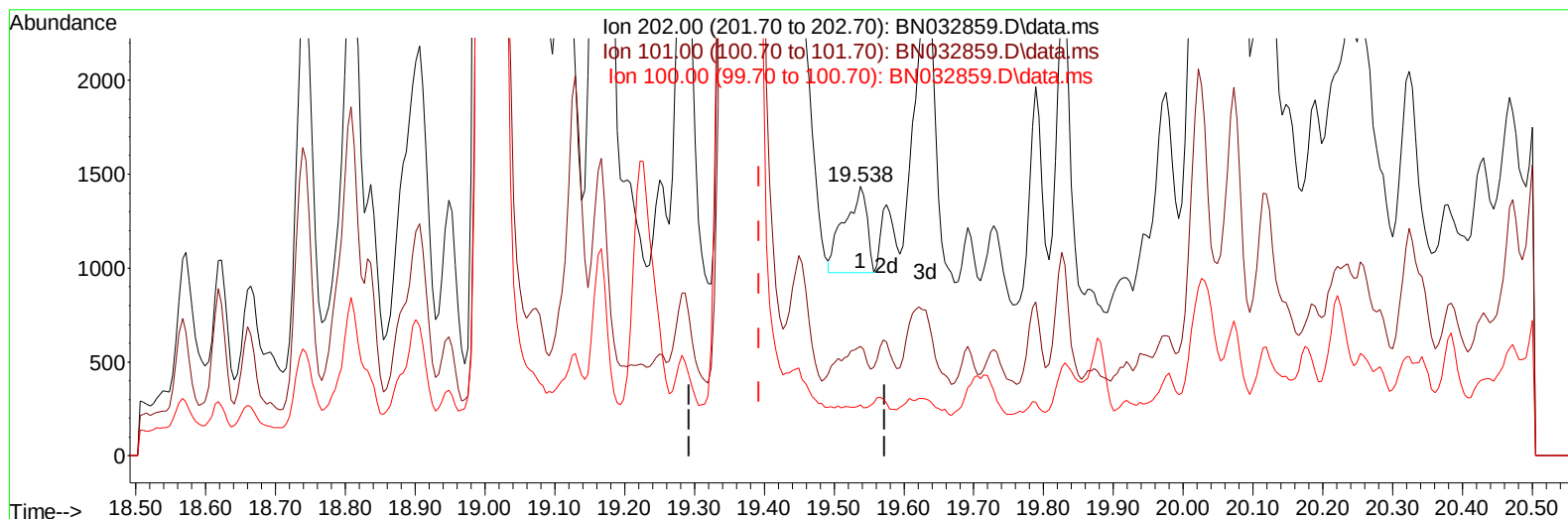
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032859.D
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 Operator : MA/JU
 Sample : P3178-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX9

Manual IntegrationsAPPROVED

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



TIC: BN032859.D\data.ms

(20) Pyrene

19.538min (+ 0.146) 0.02 ng/u1

response 1023

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	40.70#
100.00	12.00	18.95#
0.00	0.00	0.00

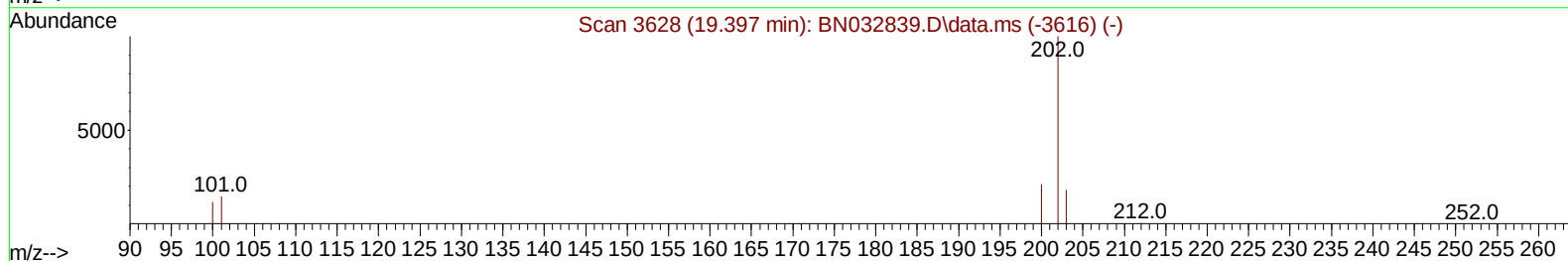
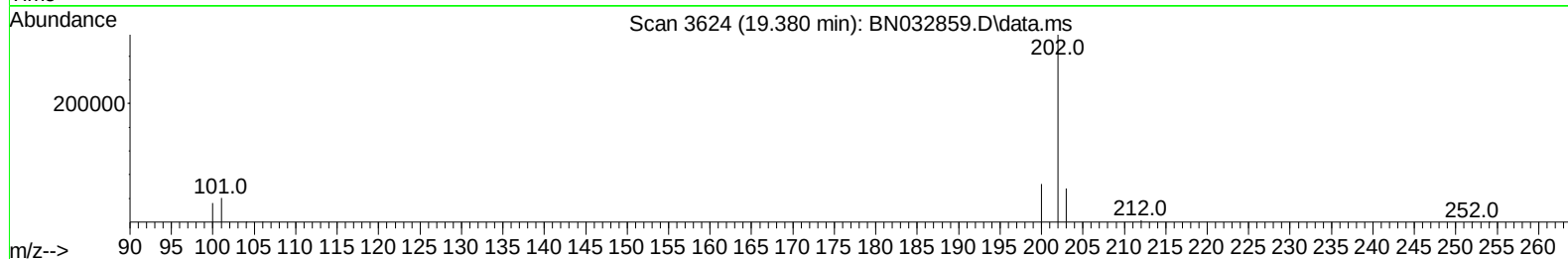
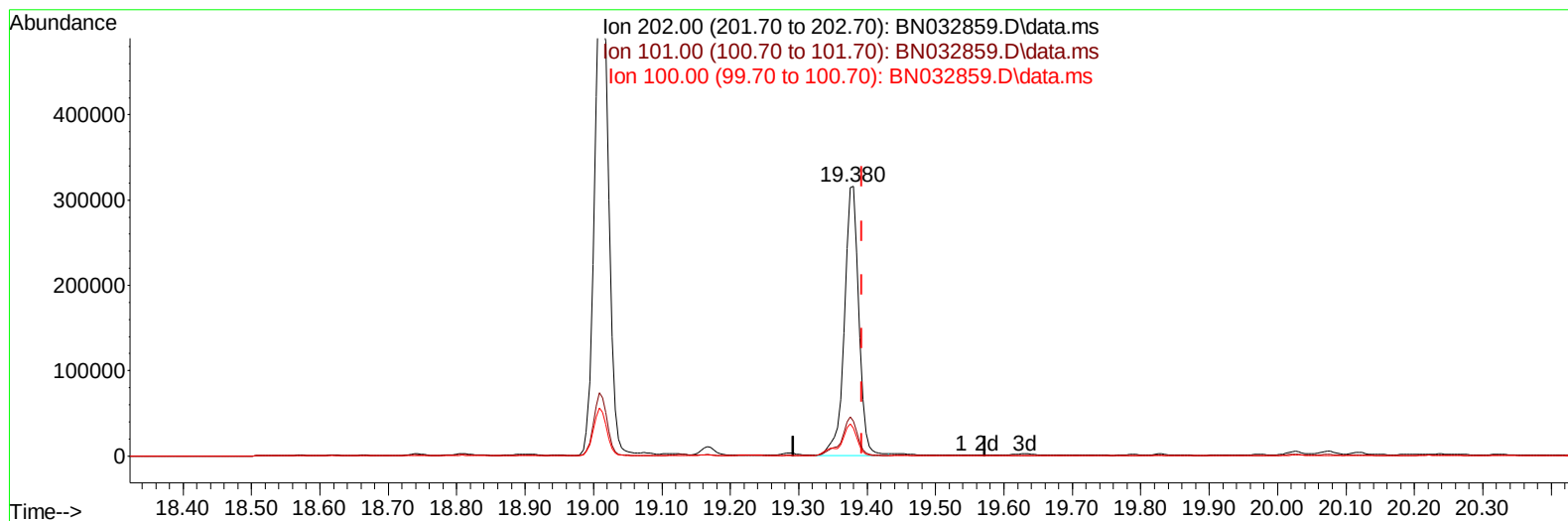
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(20) Pyrene

19.380min (-0.012) 11.18 ng/ul m

response 462491

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	12.86
100.00	12.00	10.26
0.00	0.00	0.00

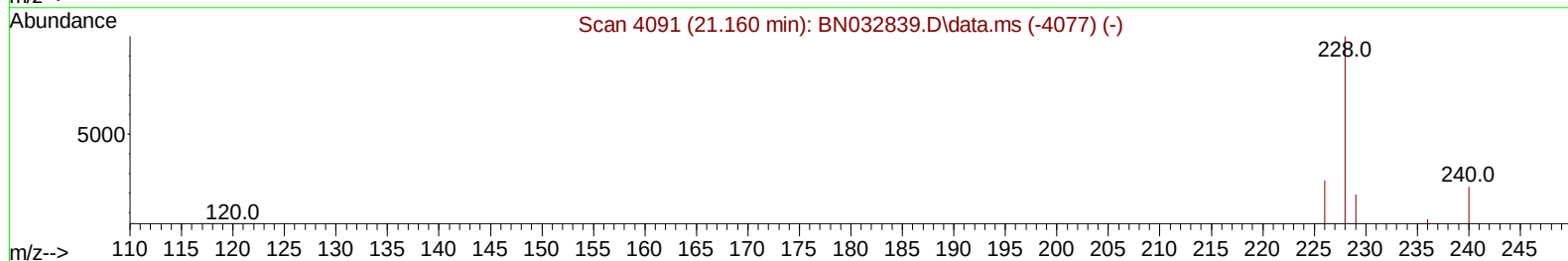
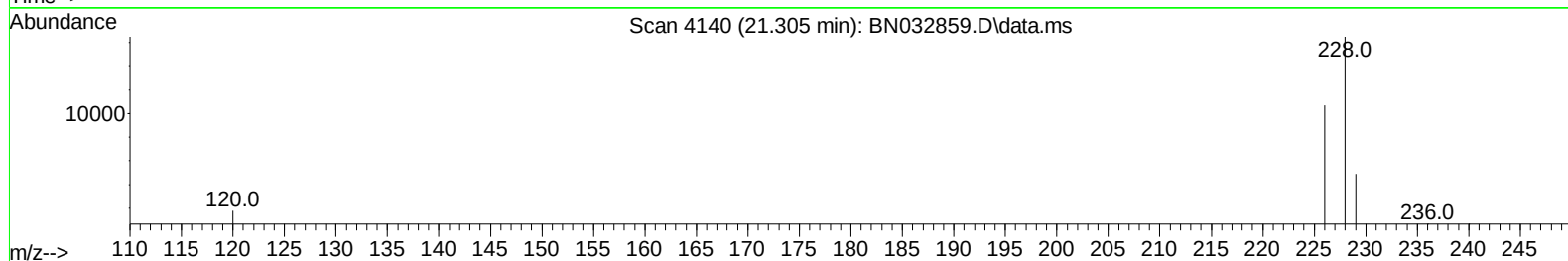
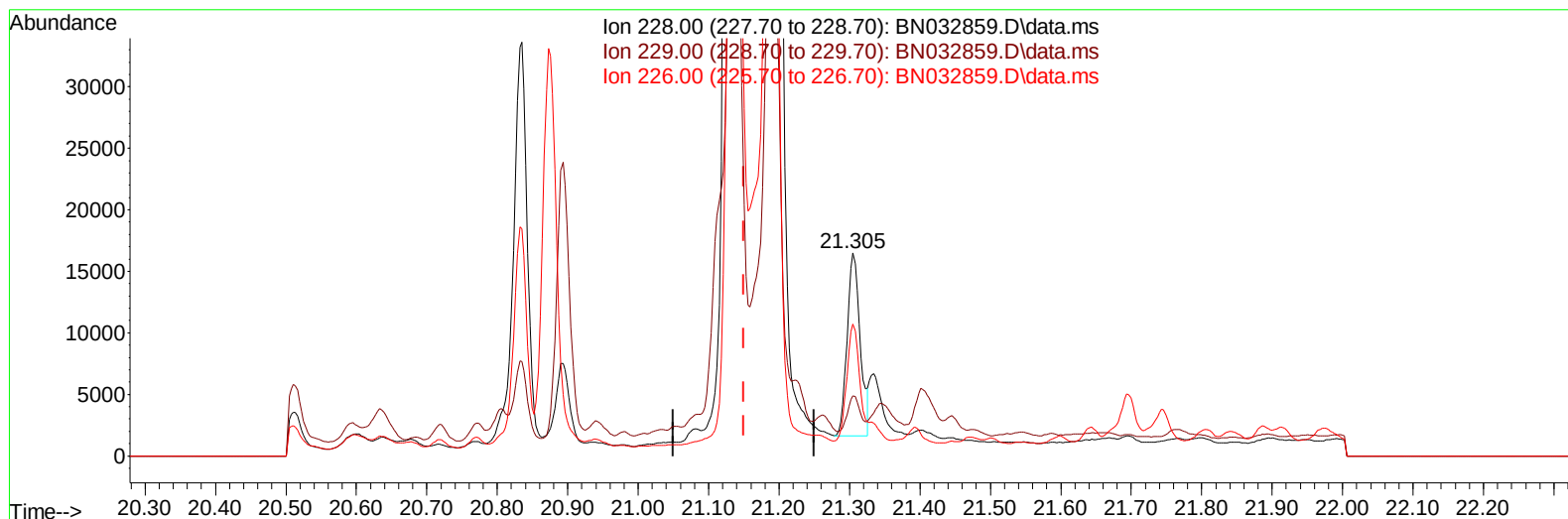
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(21) Benzo(a)anthracene

21.305min (+ 0.155) 0.62 ng/u1

response 19246

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	29.70#
226.00	27.40	64.97#
0.00	0.00	0.00

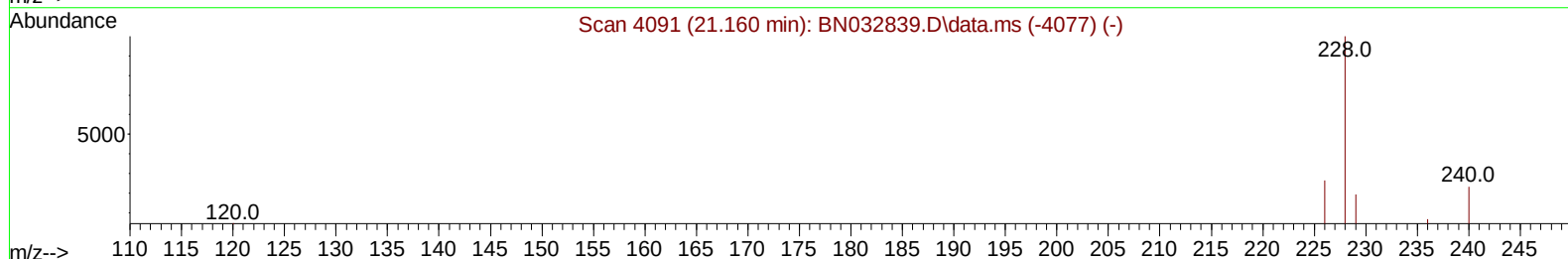
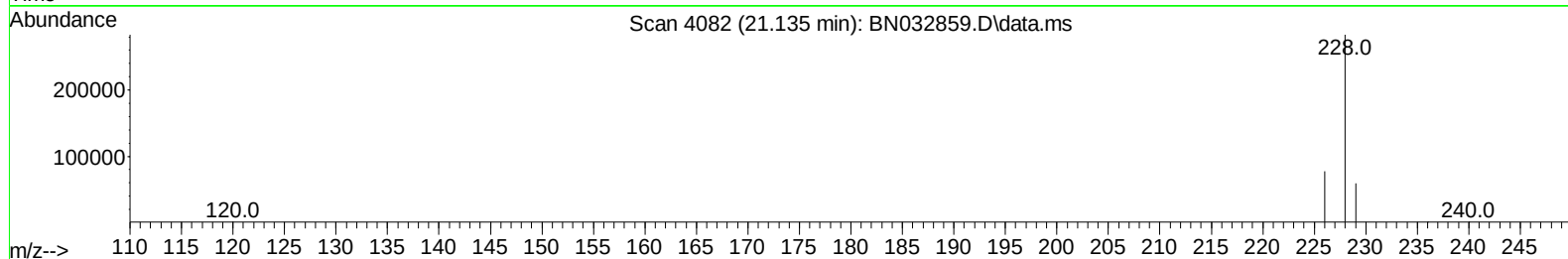
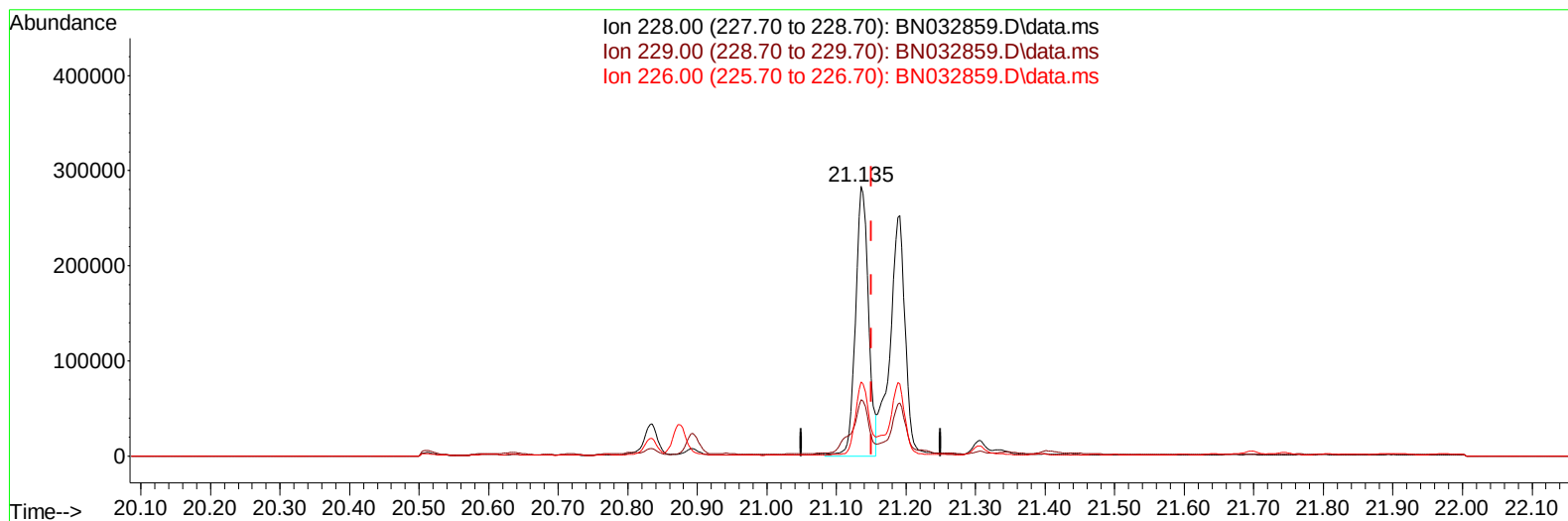
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(21) Benzo(a)anthracene

21.135min (-0.015) 11.70 ng/ul m

response 366204

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.83
226.00	27.40	27.49
0.00	0.00	0.00

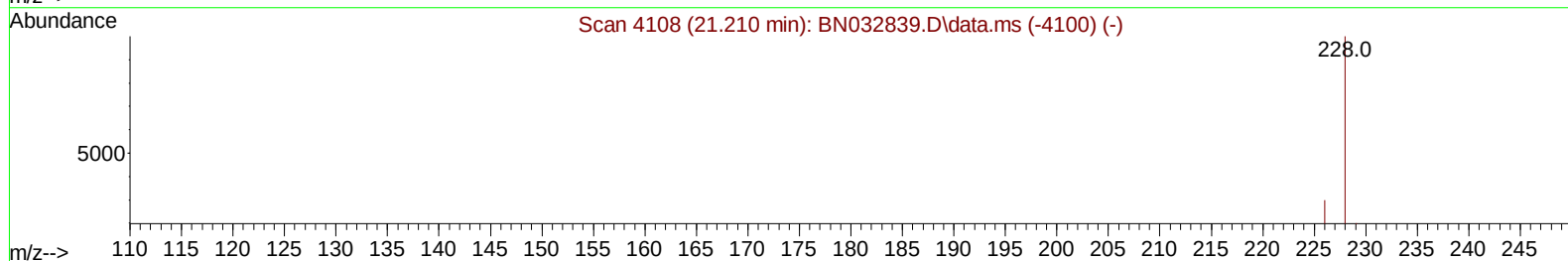
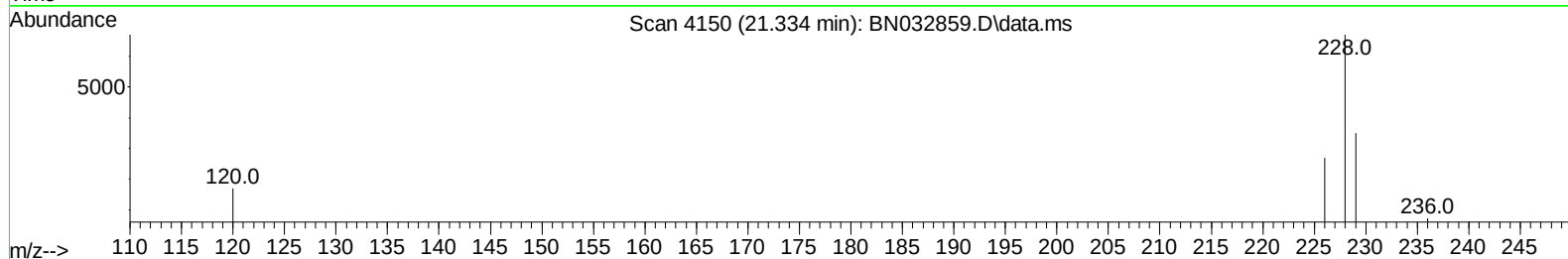
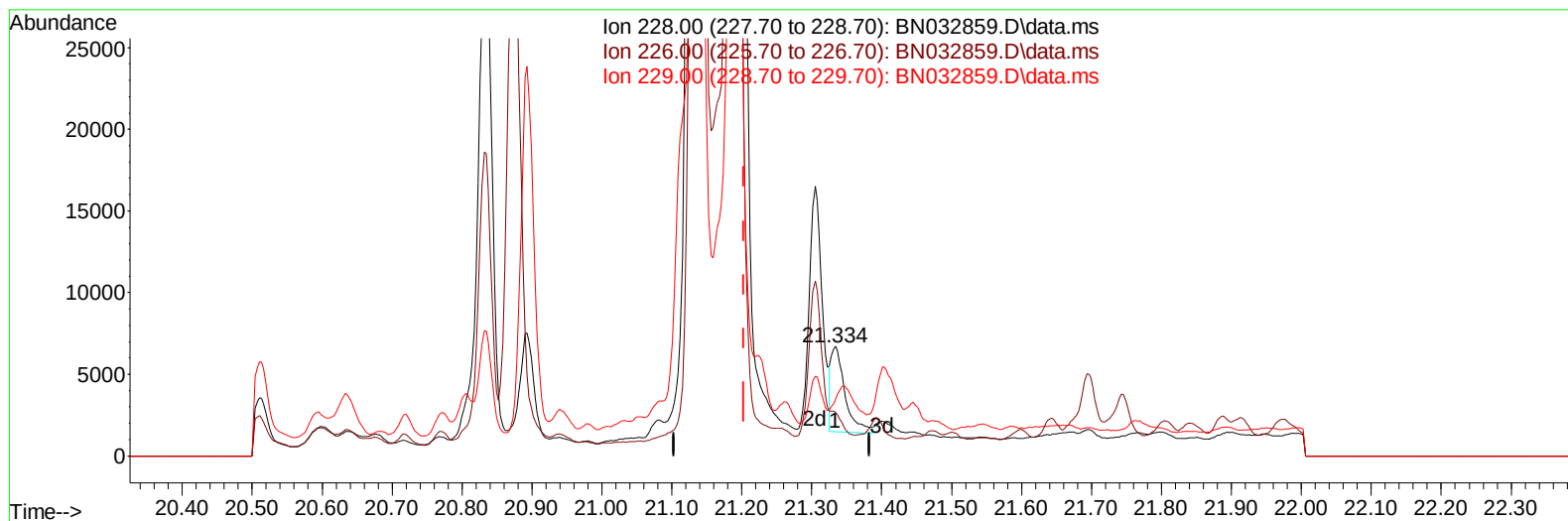
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(22) Chrysene

21.334min (+ 0.131) 0.16 ng/u1

response 7158

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	40.00#
229.00	19.70	52.04#
0.00	0.00	0.00

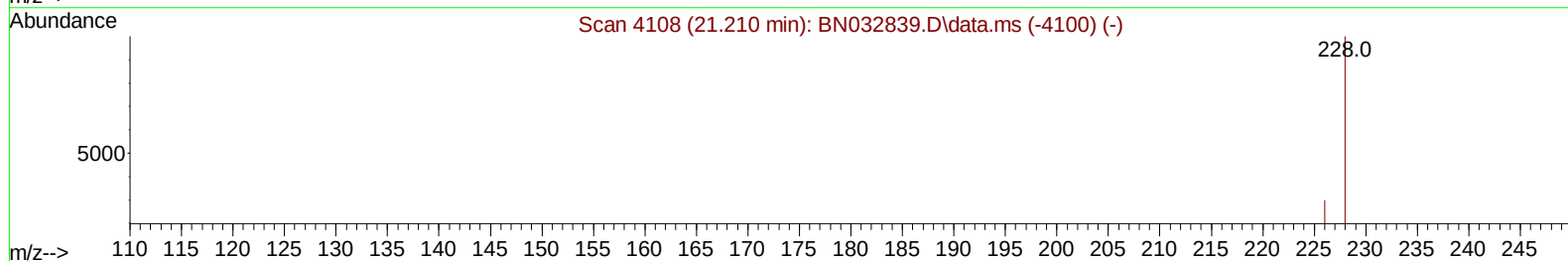
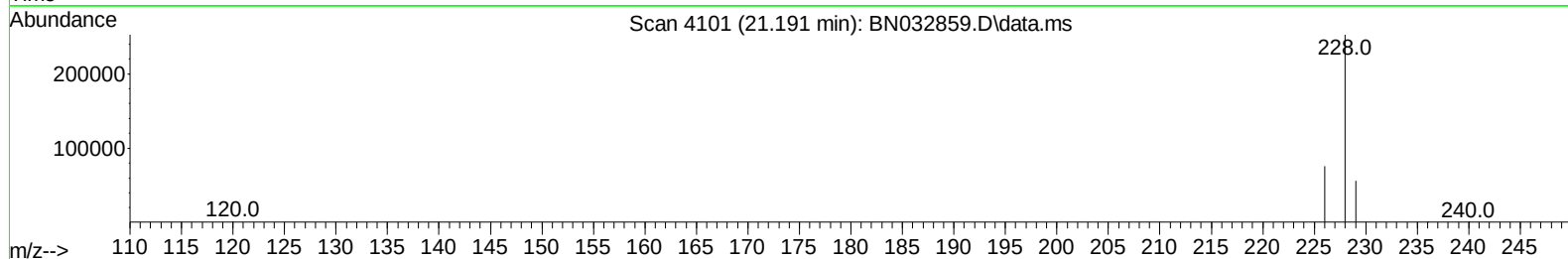
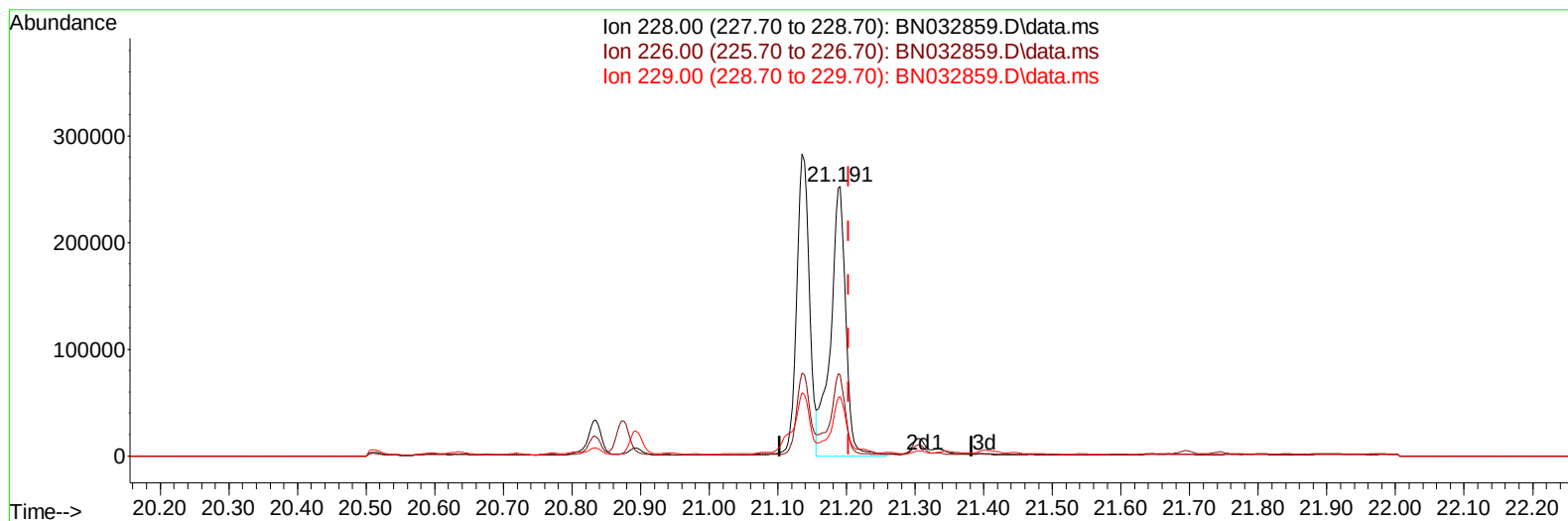
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(22) Chrysene

21.191min (-0.012) 8.64 ng/ul m

response 391084

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.13
229.00	19.70	22.14
0.00	0.00	0.00

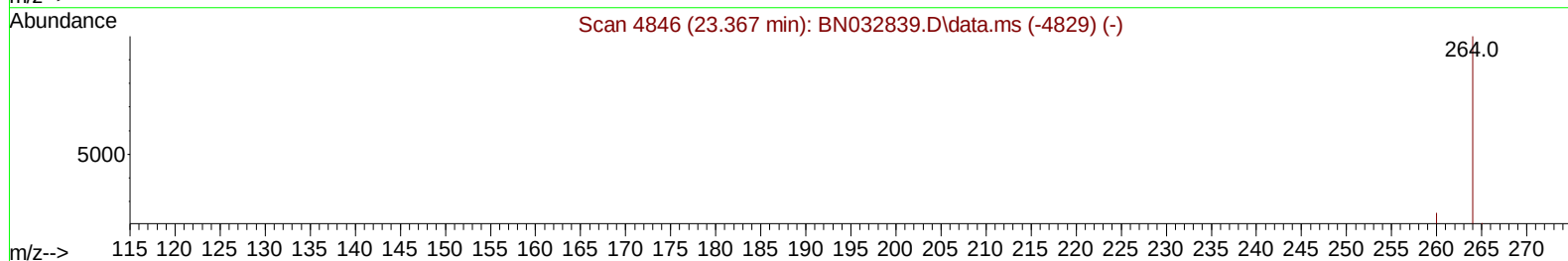
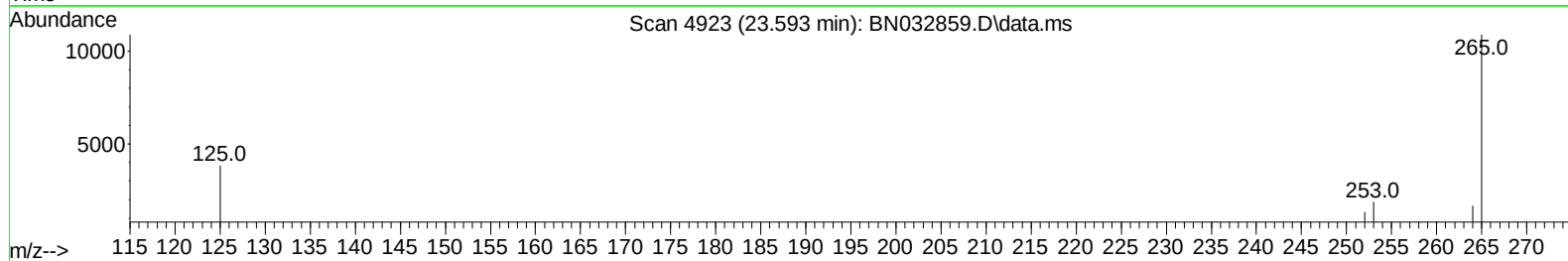
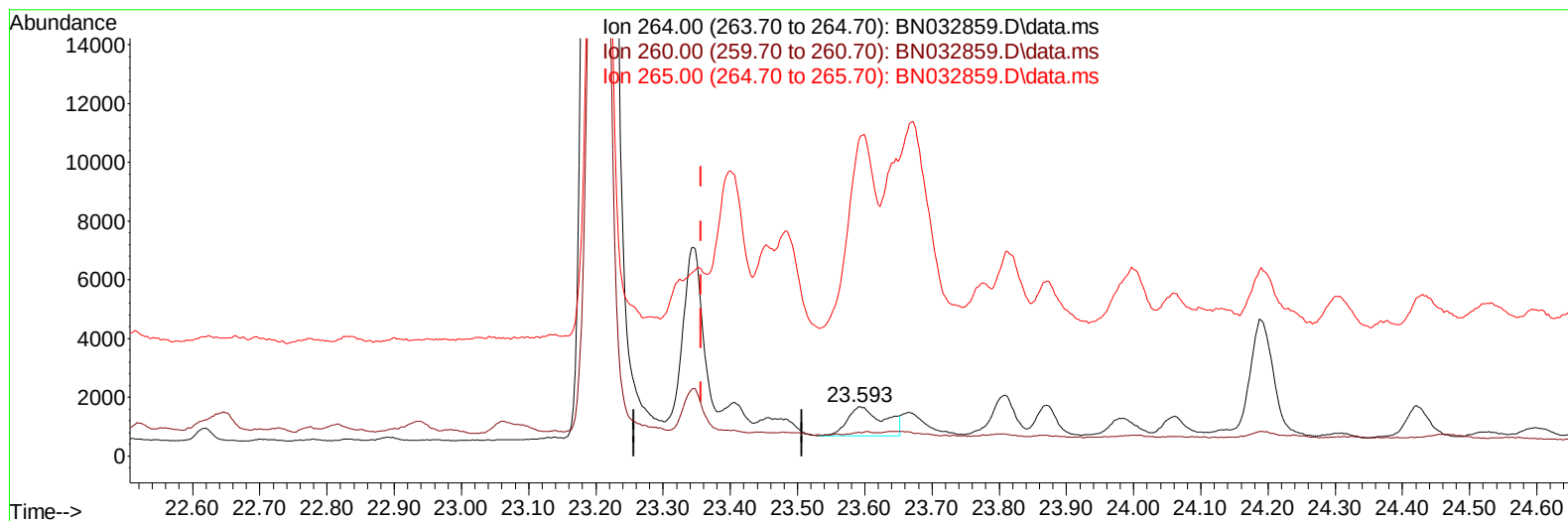
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(23) Perylene-d12 (I)

23.593min (+ 0.237) 0.40 ng/u1

response 3731

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	47.03#
265.00	95.50	645.43#
0.00	0.00	0.00

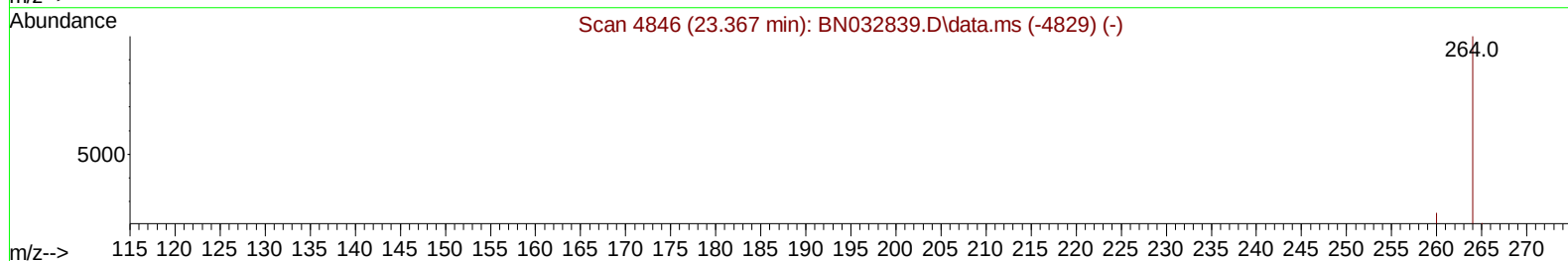
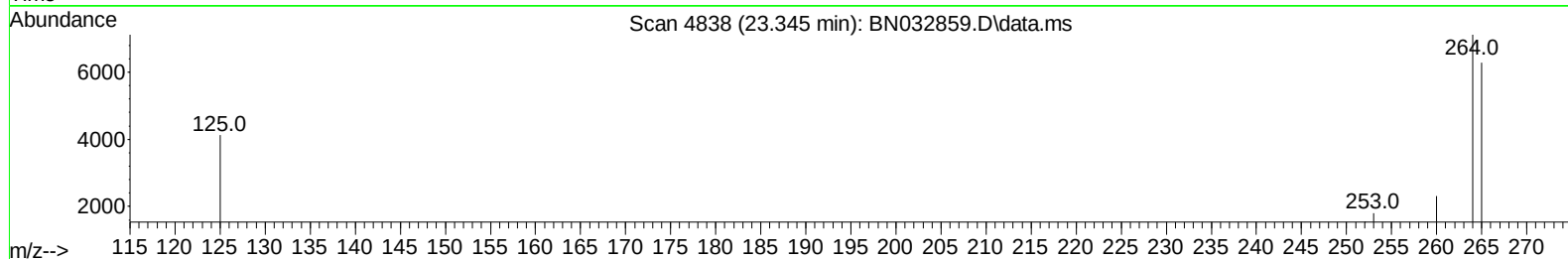
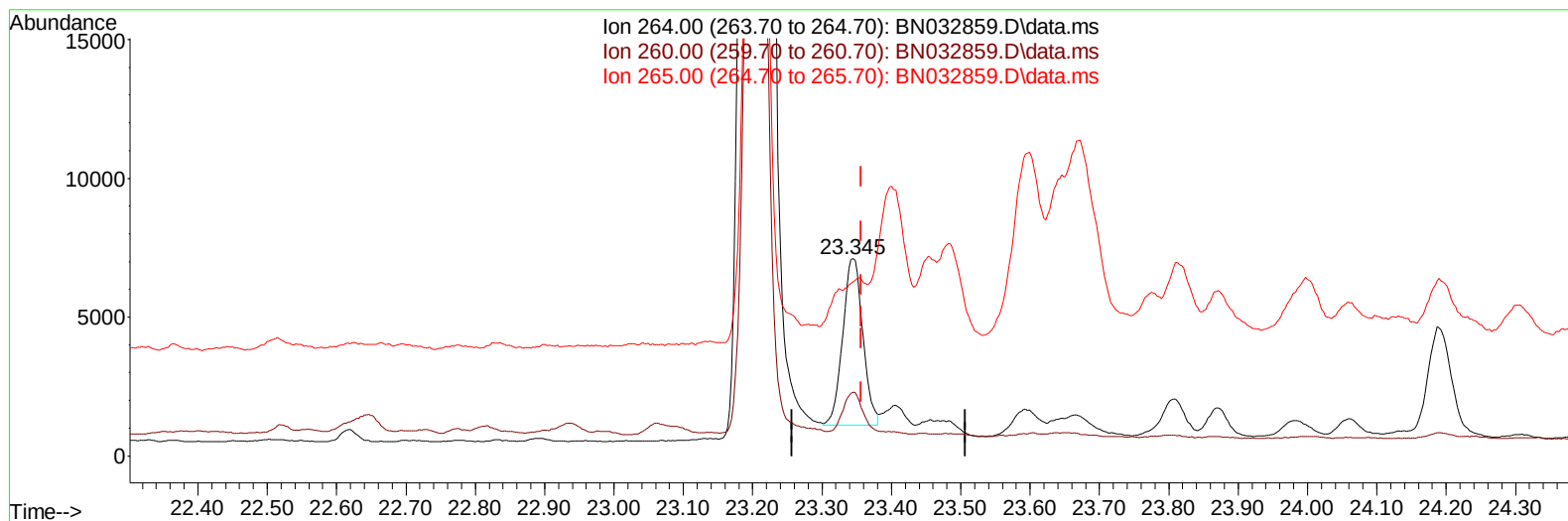
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(23) Perylene-d12 (I)

23.345min (-0.012) 0.40 ng/ul m

response 12109

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	32.45#
265.00	95.50	88.31
0.00	0.00	0.00

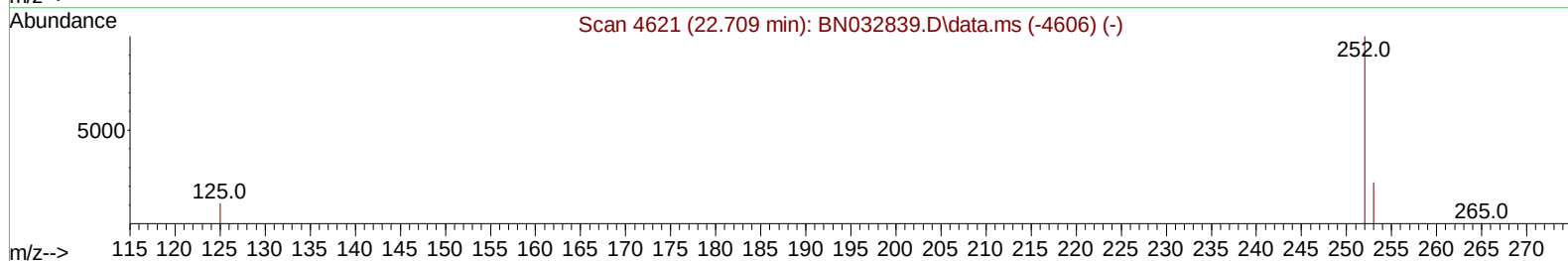
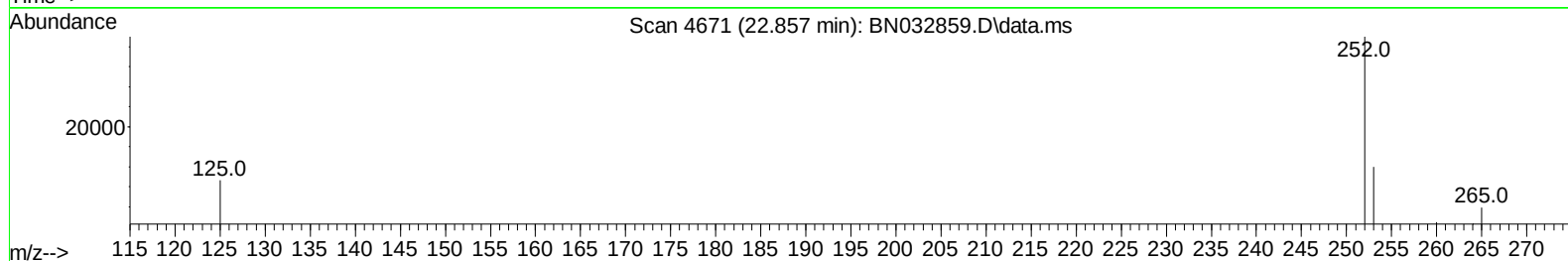
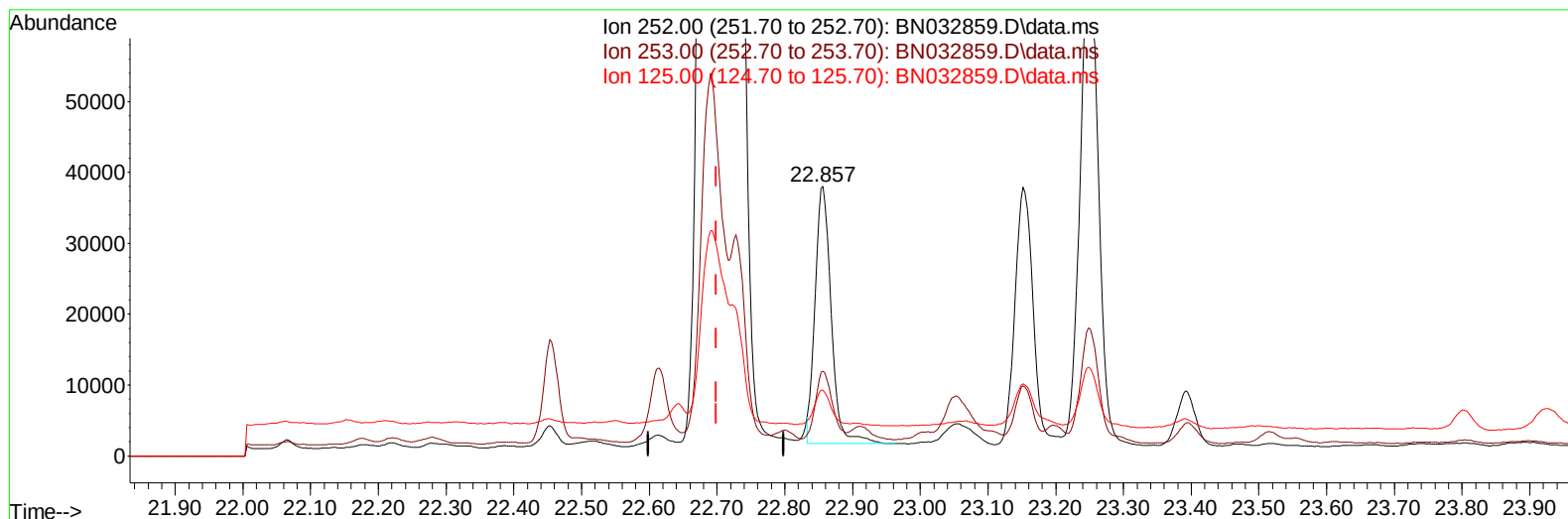
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(24) Benzo(b)fluoranthene

22.857min (+ 0.158) 1.41 ng/u1

response 60418

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.53
125.00	18.00	24.48
0.00	0.00	0.00

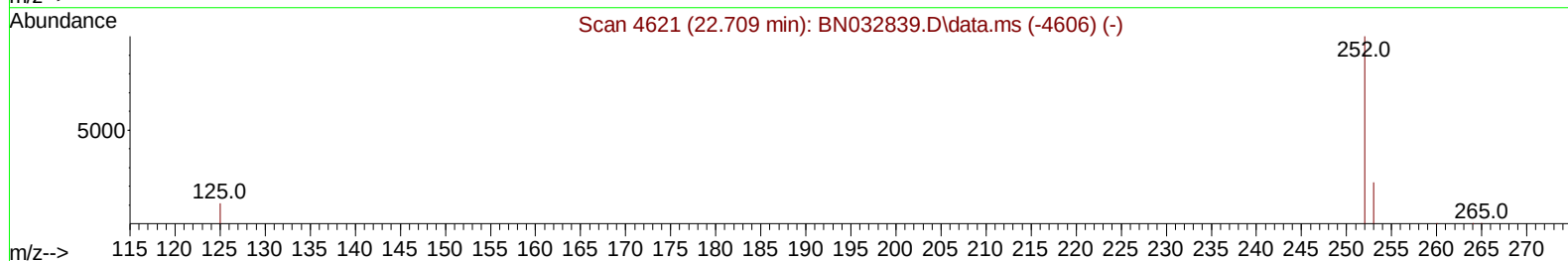
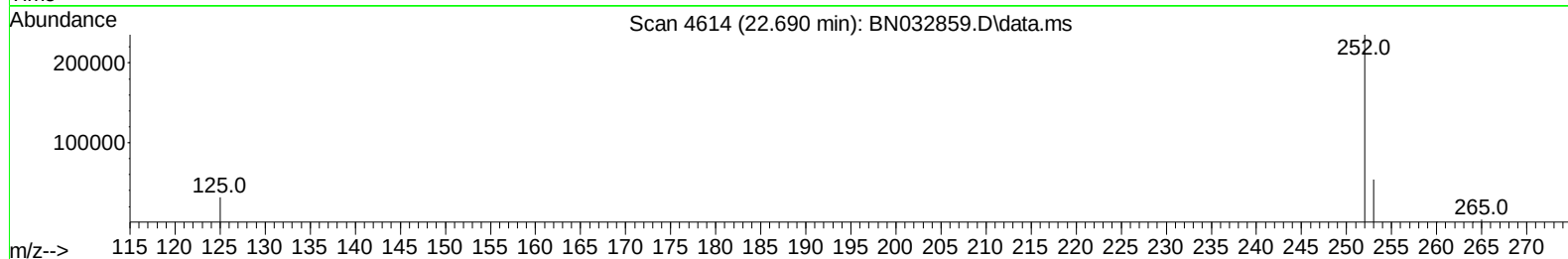
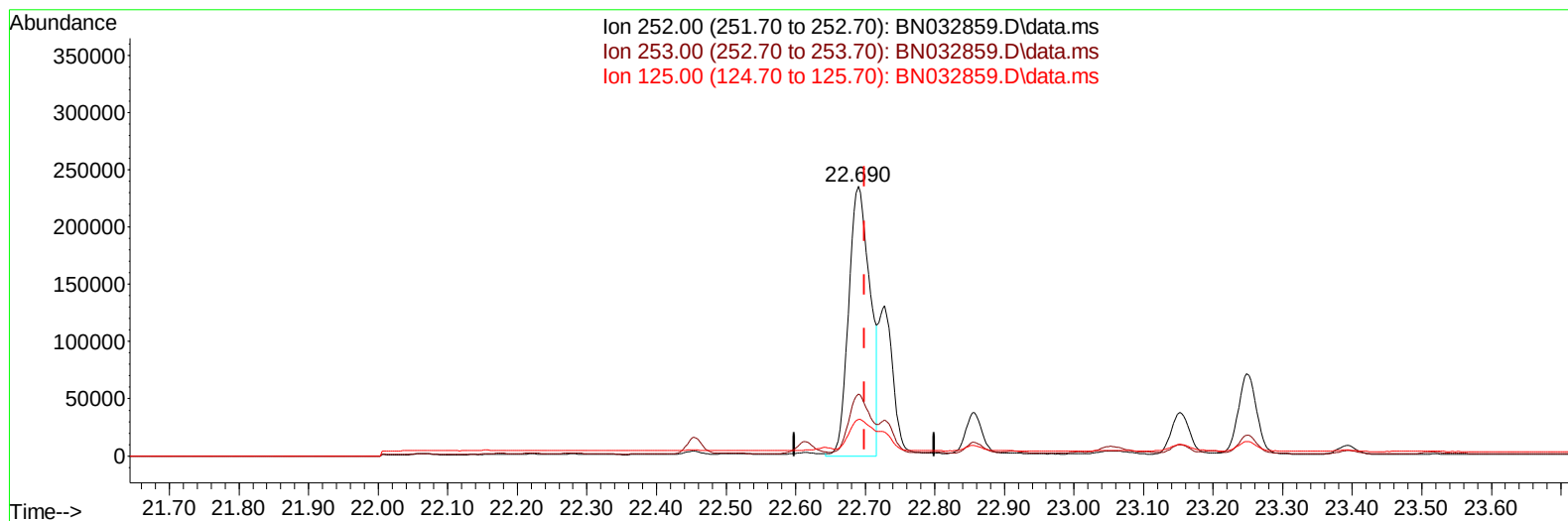
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(24) Benzo(b)fluoranthene

22.690min (-0.009) 11.82 ng/ul m

response 505024

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.95
125.00	18.00	13.51
0.00	0.00	0.00

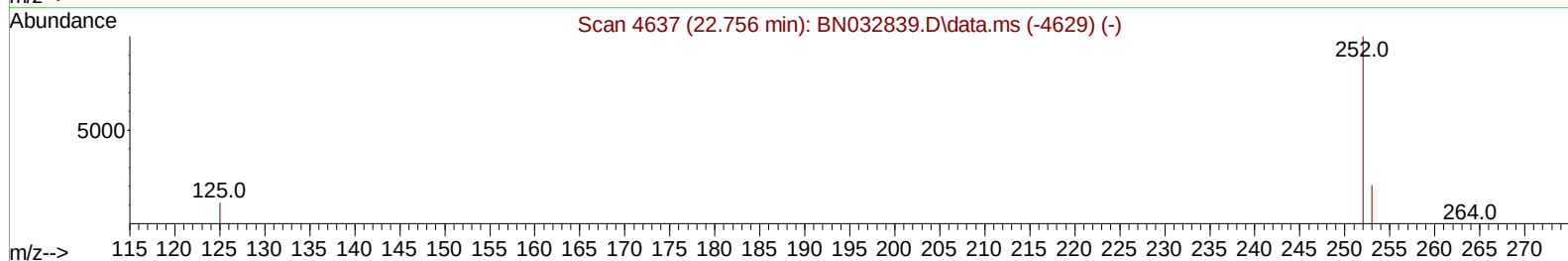
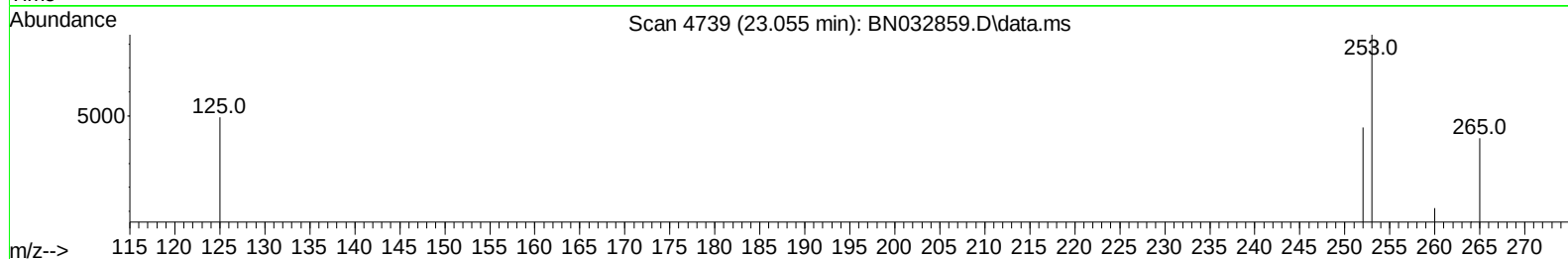
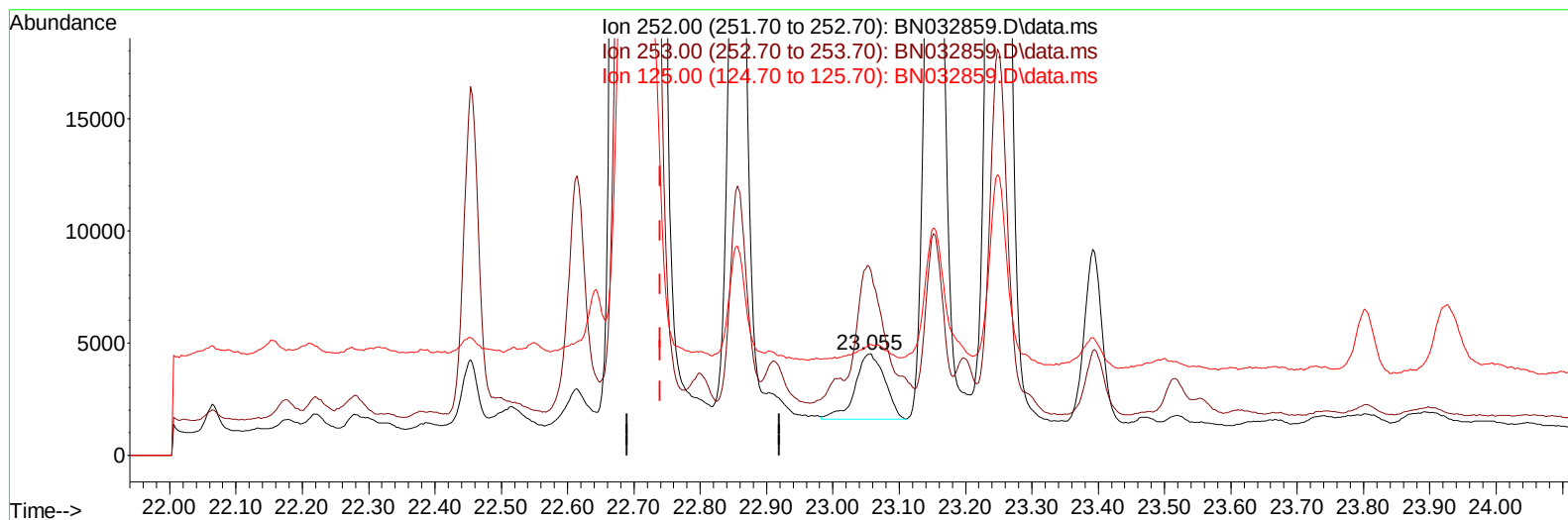
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(25) Benzo(k)fluoranthene

23.055min (+ 0.316) 0.17 ng/ul

response 9005

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	186.52#
125.00	18.50	109.54#
0.00	0.00	0.00

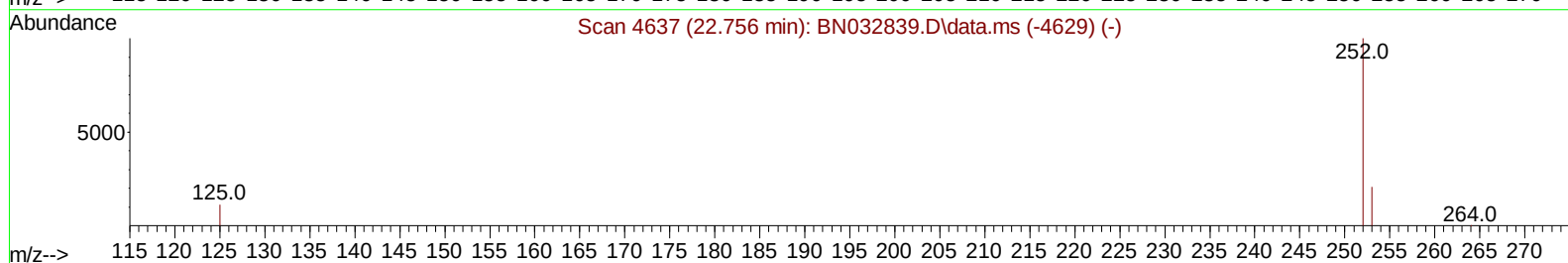
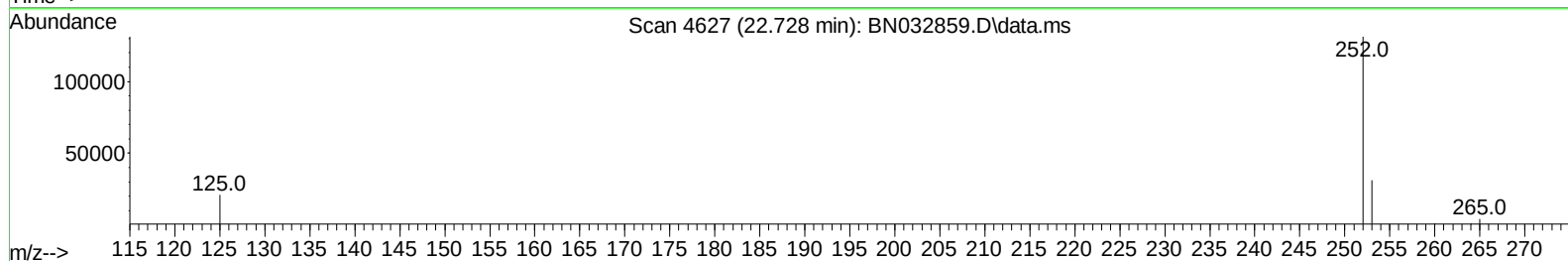
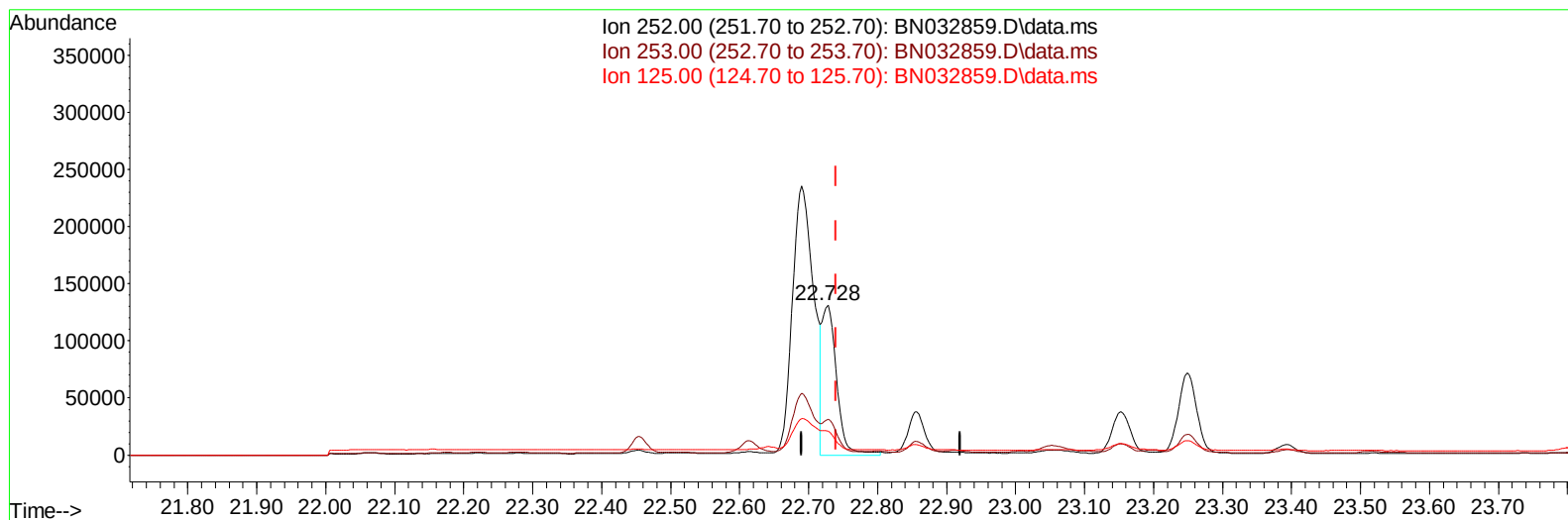
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032859.D\data.ms

(25) Benzo(k)fluoranthene

22.728min (-0.012) 3.73 ng/ul m

response 194346

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.78
125.00	18.50	15.88
0.00	0.00	0.00

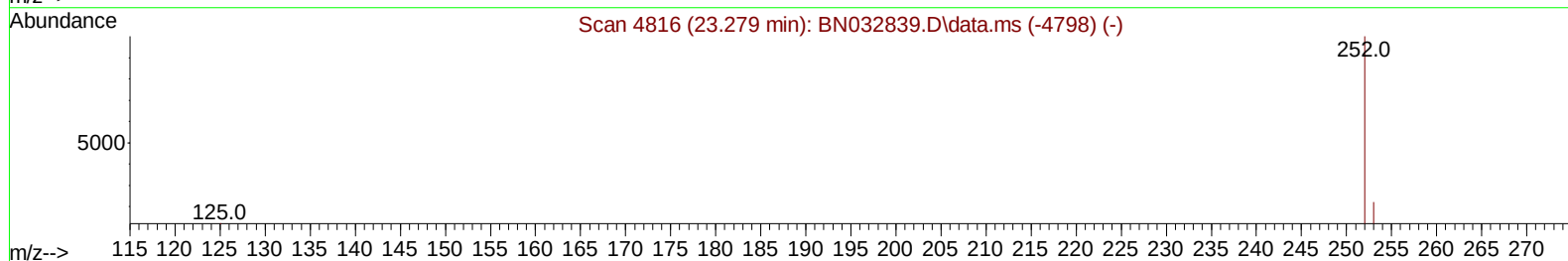
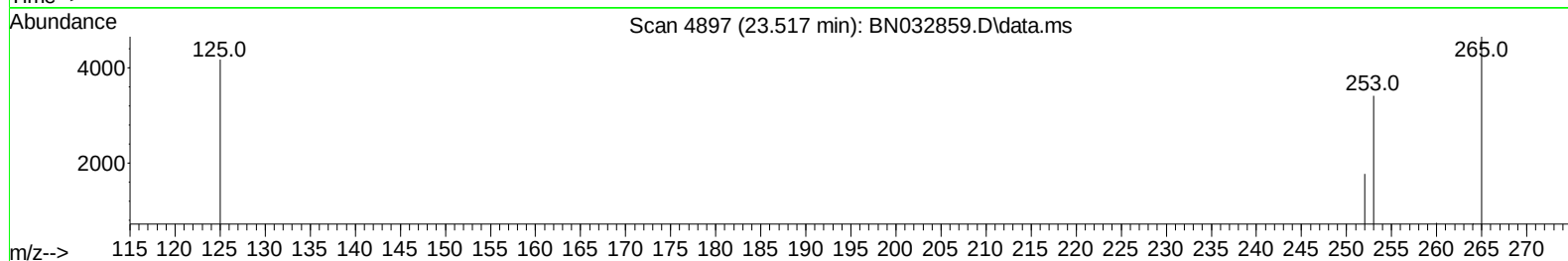
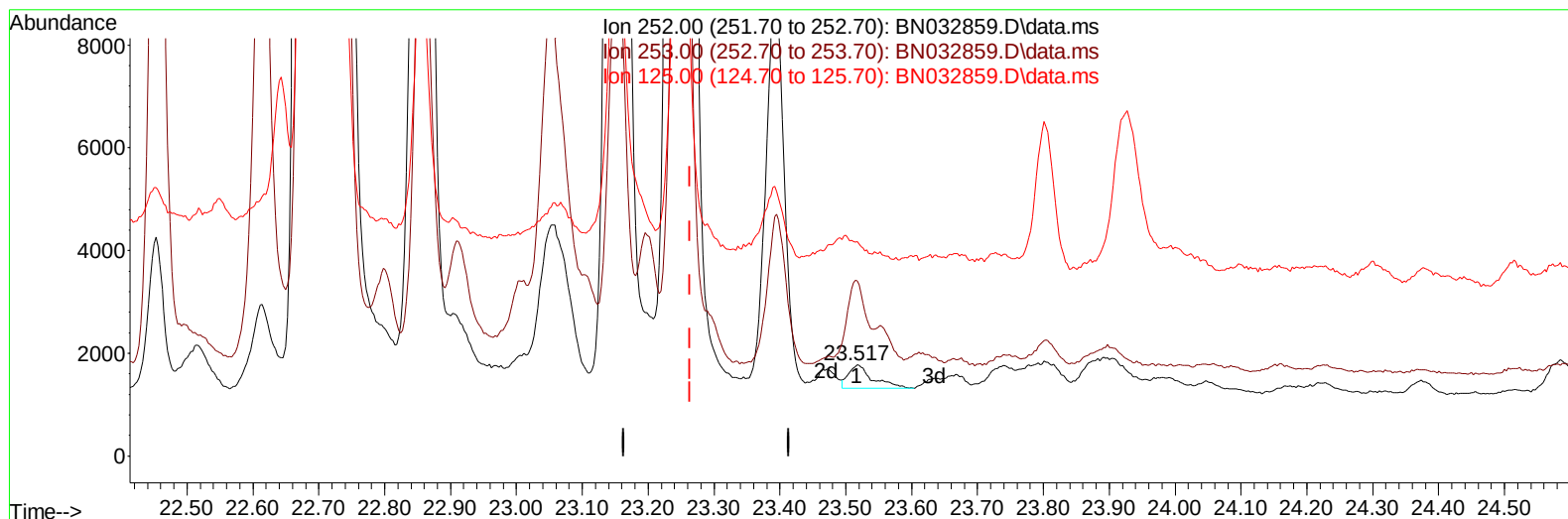
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(26) Benzo(a)pyrene (C)

23.517min (+ 0.254) 0.03 ng/u1

response 1148

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	192.77#
125.00	25.70	235.71#
0.00	0.00	0.00

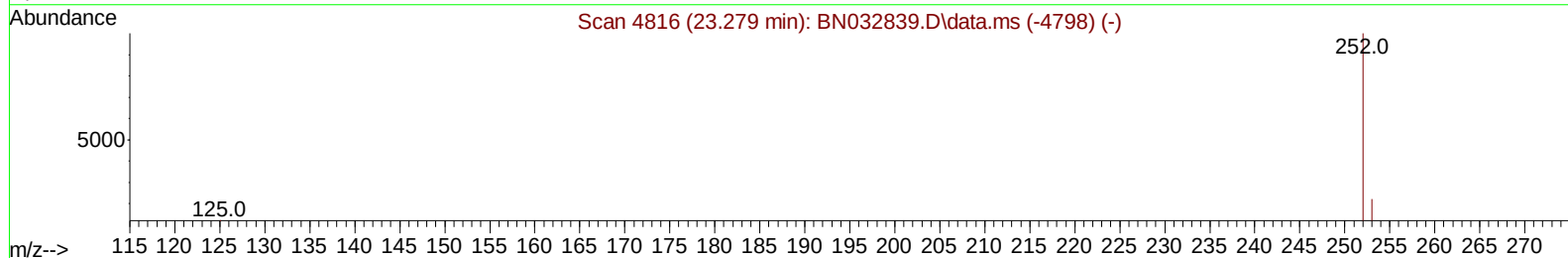
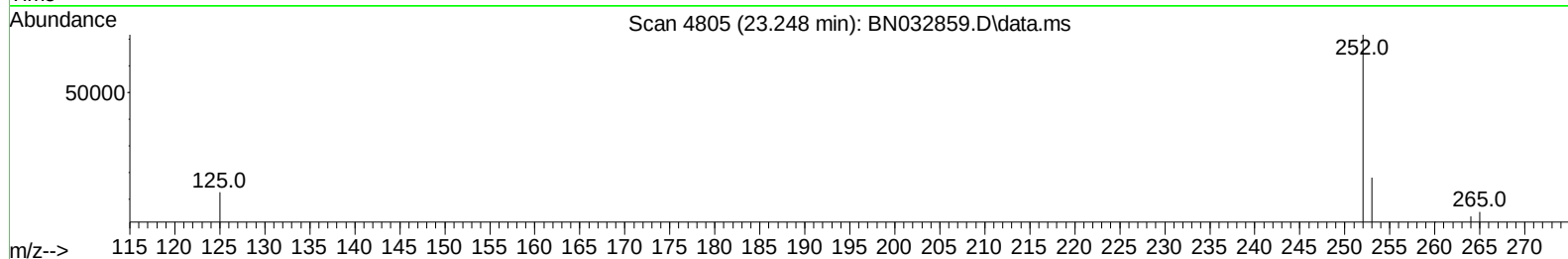
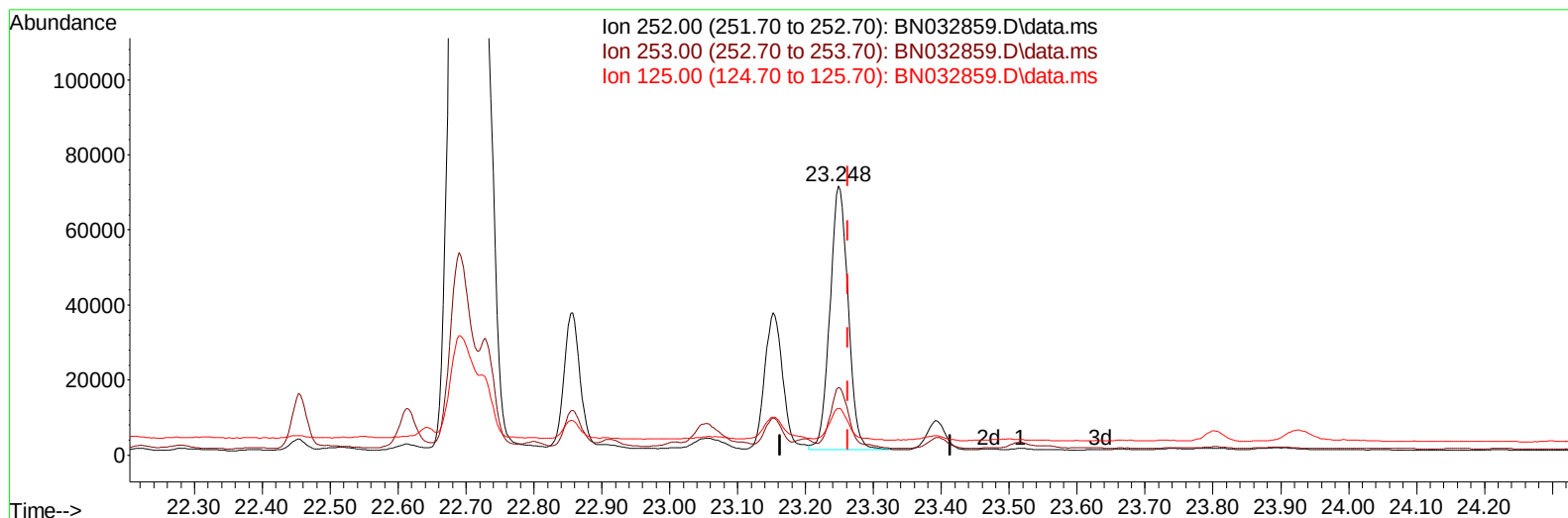
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

(26) Benzo(a)pyrene (C)

23.248min (-0.015) 3.56 ng/ul m

response 131493

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	25.24#
125.00	25.70	17.46#
0.00	0.00	0.00

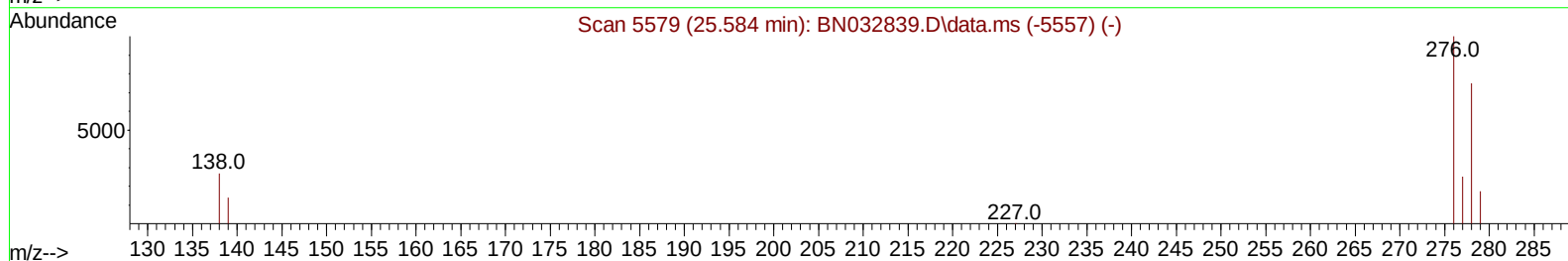
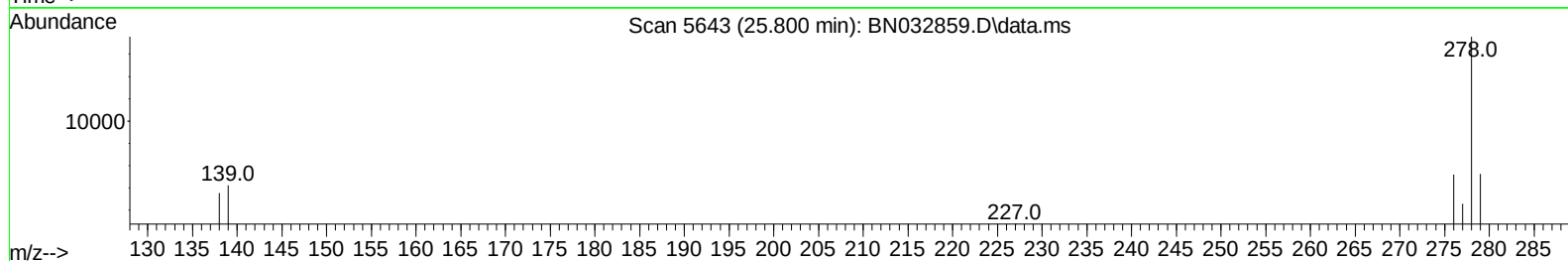
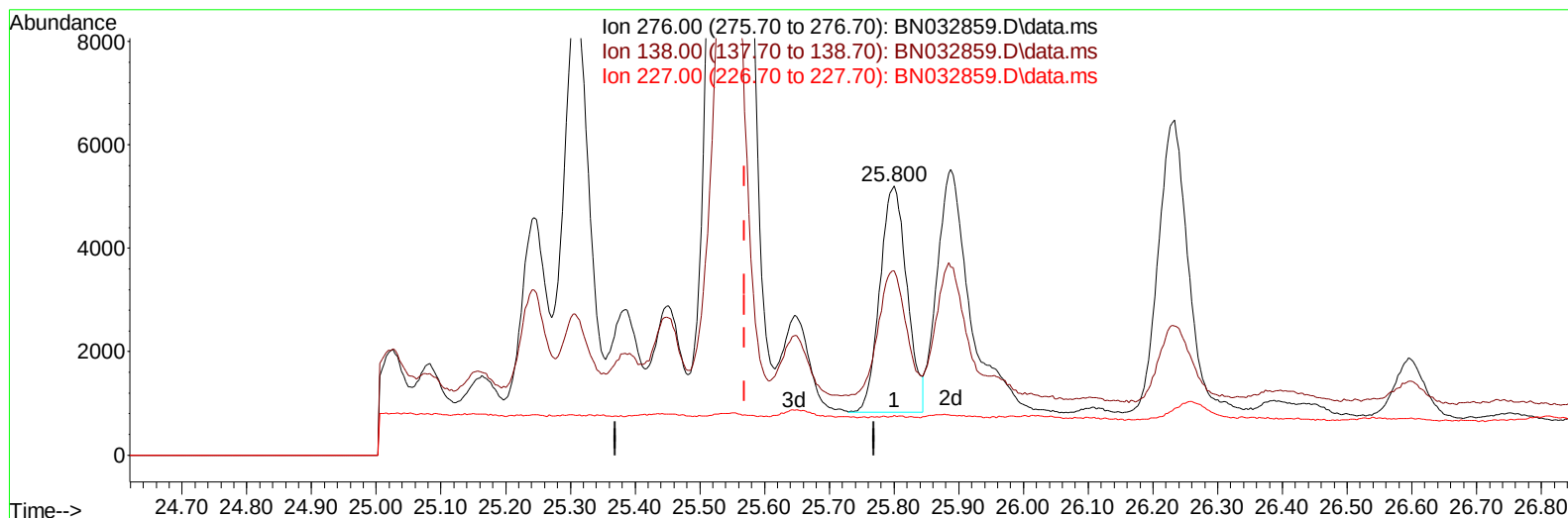
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

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

25.800min (+ 0.231) 0.25 ng/u1

response 12669

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	57.61#
227.00	0.00	0.18#
0.00	0.00	0.00

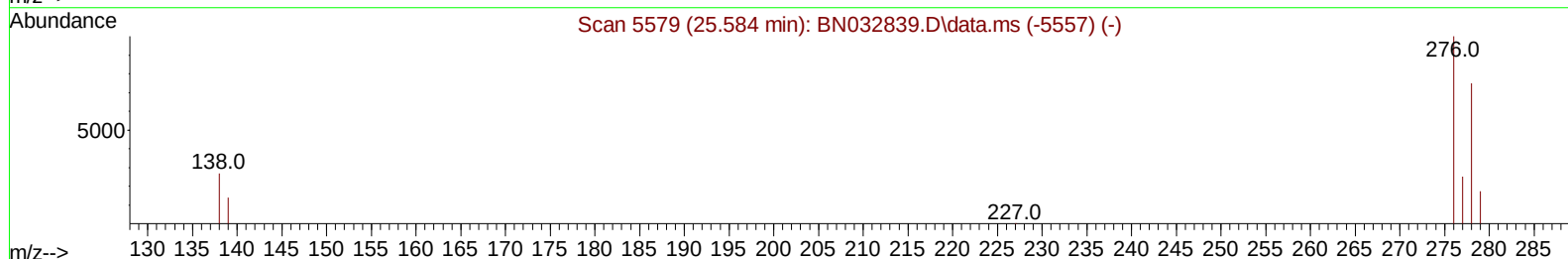
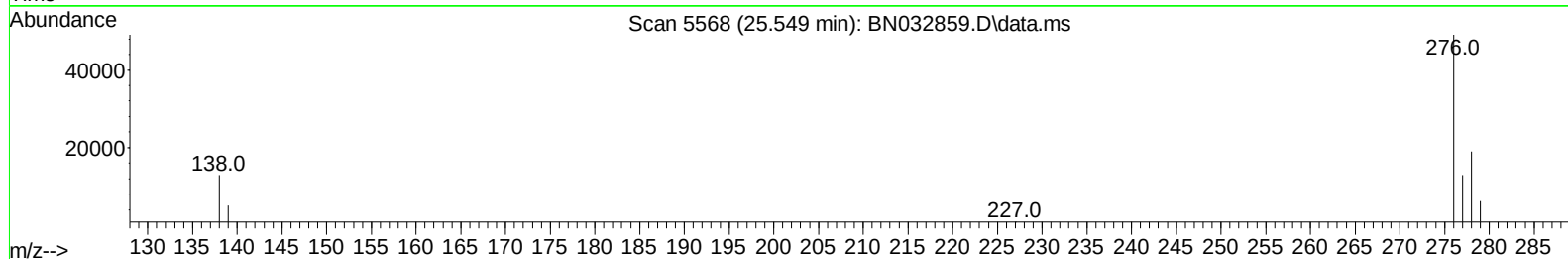
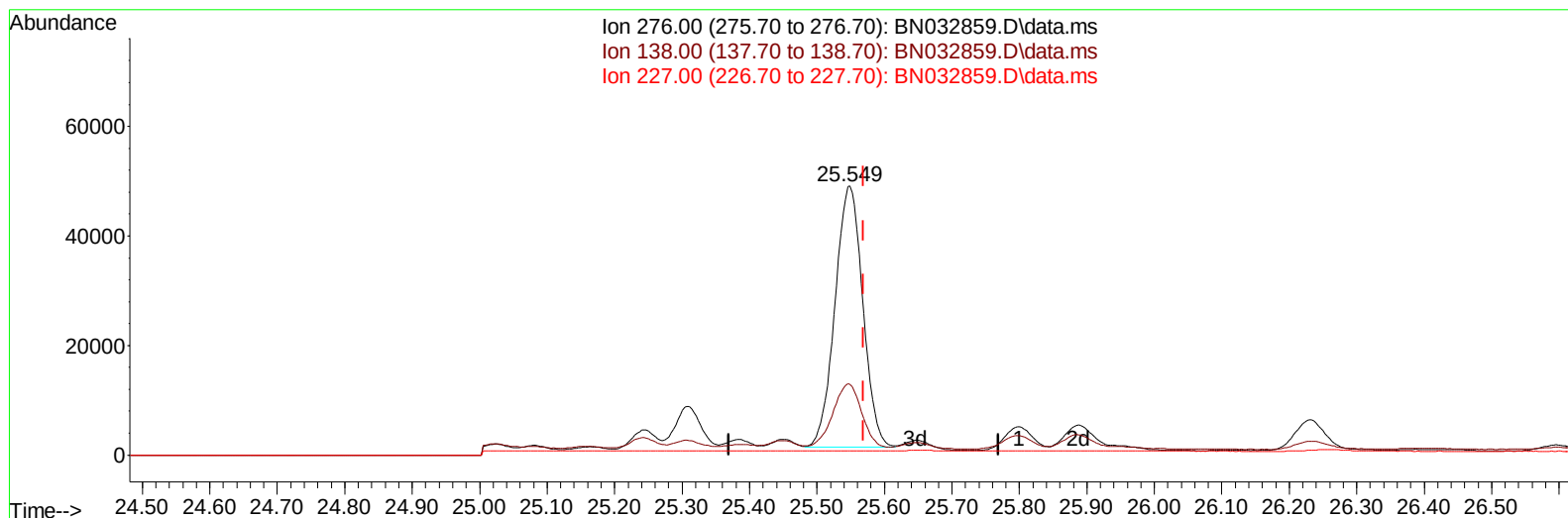
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

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

25.549min (-0.020) 2.71 ng/ul m

response 135830

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	5.37#
227.00	0.00	0.02#
0.00	0.00	0.00

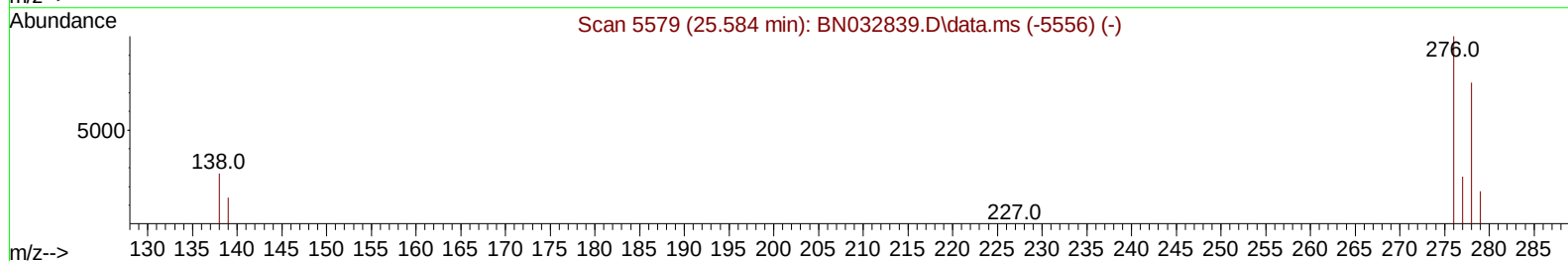
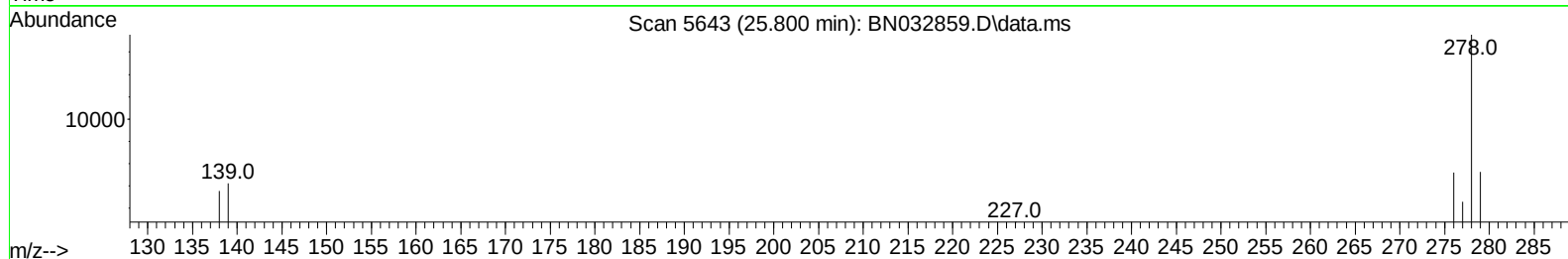
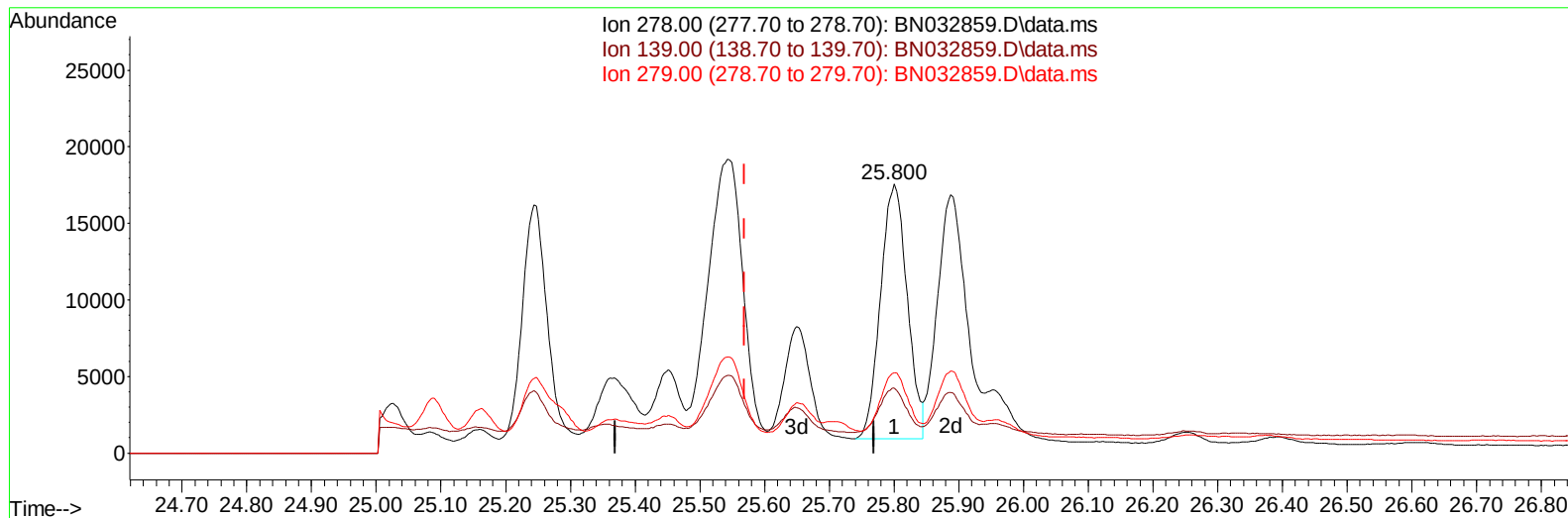
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032859.D\data.ms

(28) Dibenzo(a,h)anthracene

25.800min (+ 0.231) 1.23 ng/u1

response 47592

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	24.21
279.00	29.60	29.92
0.00	0.00	0.00

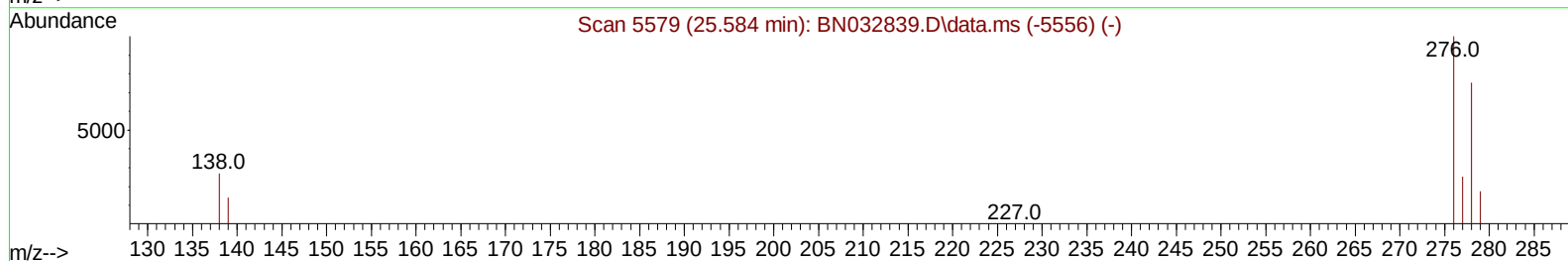
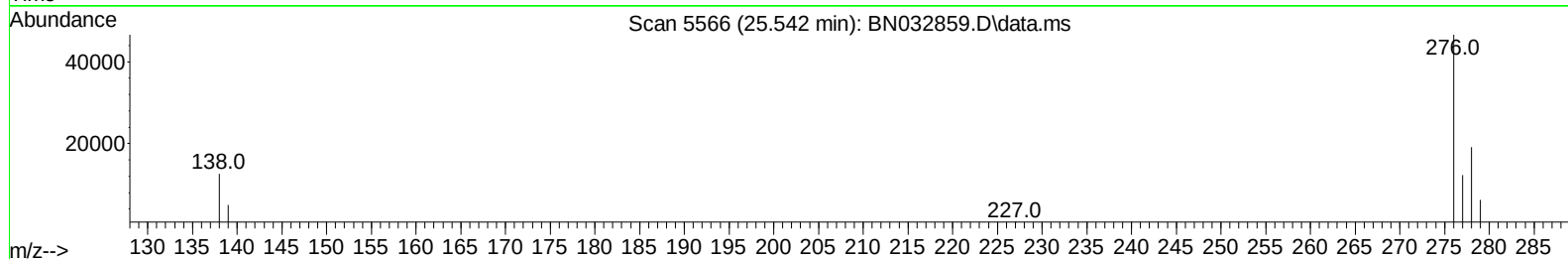
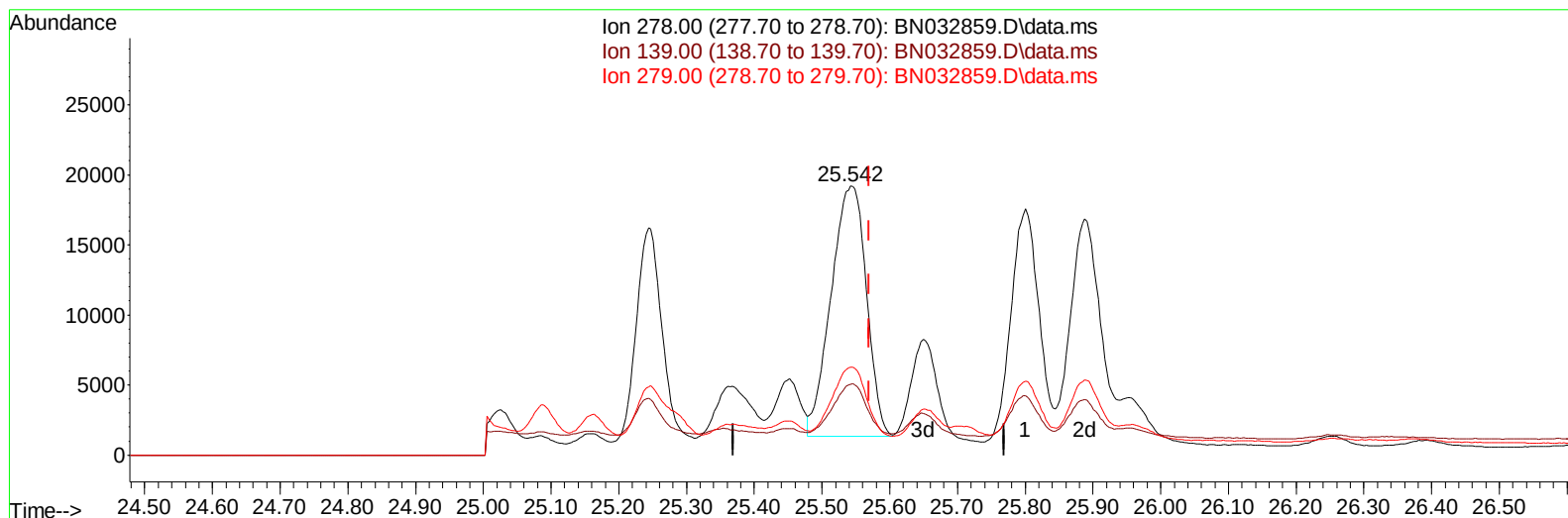
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032859.D\data.ms

(28) Dibenzo(a,h)anthracene

25.542min (-0.027) 1.67 ng/ul m

response 64785

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	26.40#
279.00	29.60	32.64
0.00	0.00	0.00

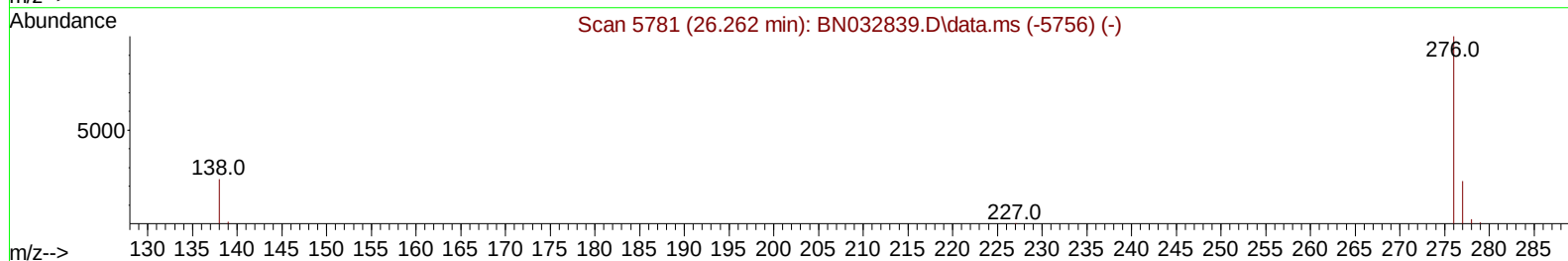
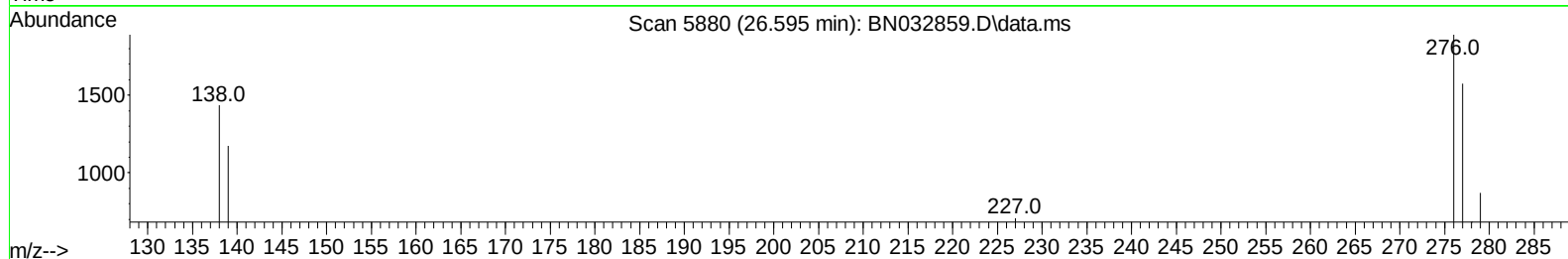
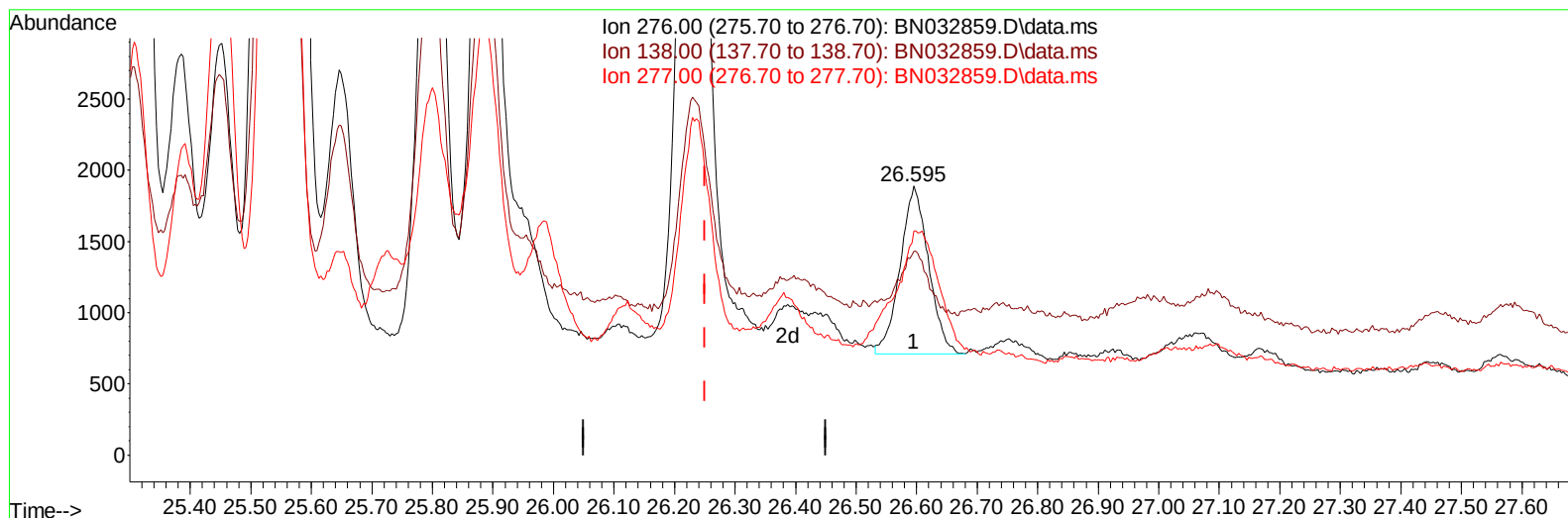
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

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

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032859.D\data.ms

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

26.595min (+ 0.345) 0.09 ng/u1

response 3823

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	75.91#
277.00	25.80	83.43#
0.00	0.00	0.00

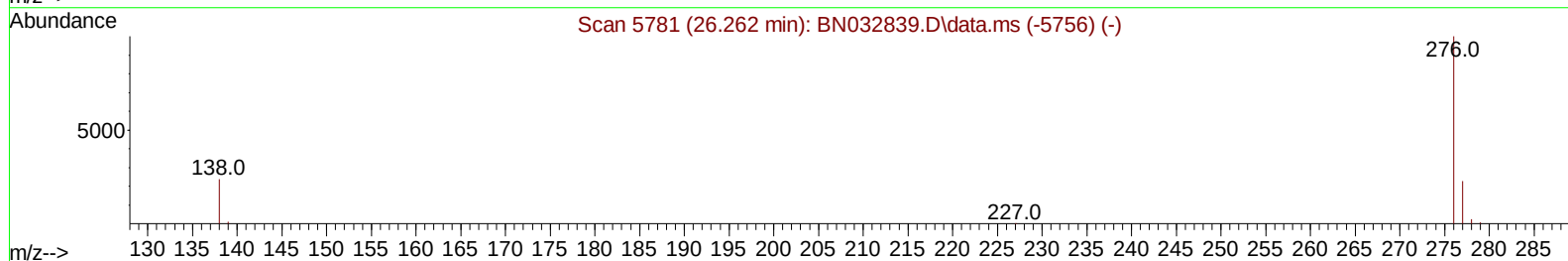
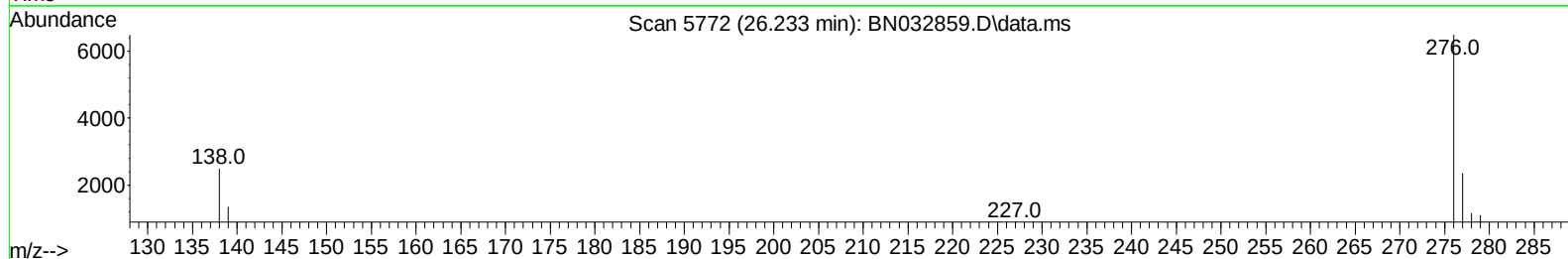
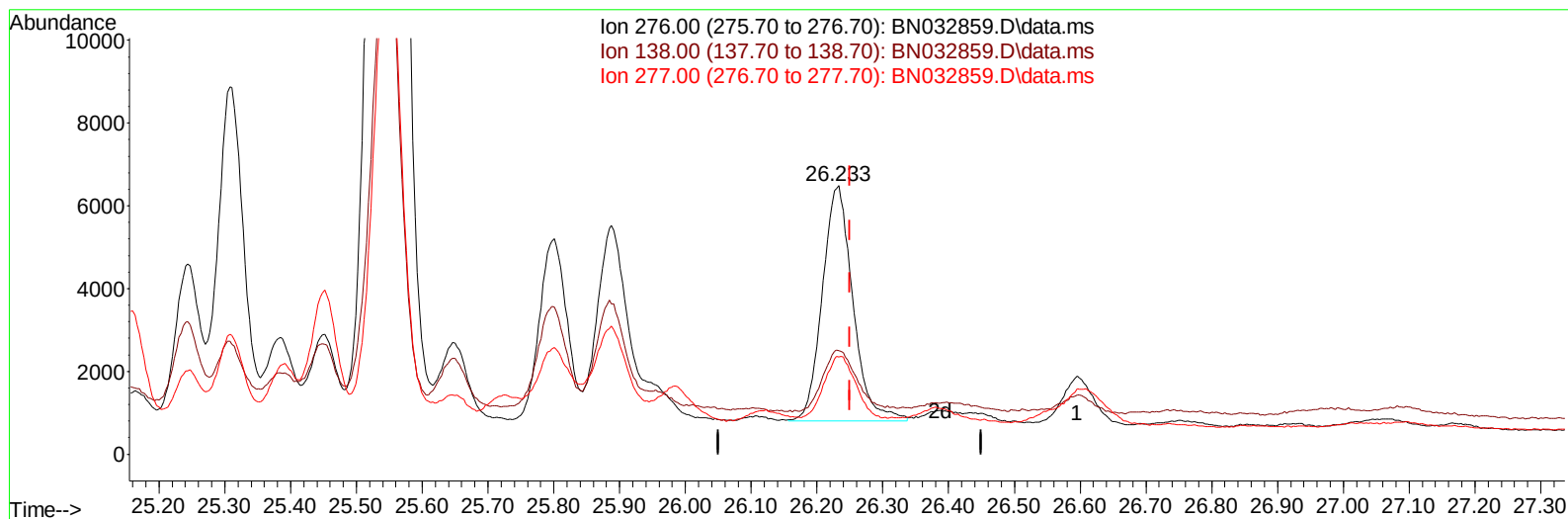
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
Acq On : 20 Jul 2024 02:38
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032859.D\data.ms

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

26.233min (-0.017) 0.44 ng/ul m

response 18359

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	38.48#
277.00	25.80	36.19#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032859.D
 Acq On : 20 Jul 2024 02:38
 Operator : MA/JU
 Sample : P3178-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX9

Manual IntegrationsAPPROVED

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

Quant Time: Jul 20 03:04:20 2024
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 QLast Update : Sat Jul 20 01:52:15 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	4304	0.400	ng/ul	0.00
4) Naphthalene-d8	10.294	136	13578	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	8105	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	13311m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	9830m	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	12109m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	15260	2.953	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	4991	0.243	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	8102m	0.253	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.343	128	37313	1.023	ng/ul	97
7) 2-Methylnaphthalene	11.971	142	15420	0.678	ng/ul	97
8) 1-Methylnaphthalene	12.197	142	12567	0.534	ng/ul	99
10) Acenaphthylene	13.897	152	30237	0.923	ng/ul	99
11) Acenaphthene	14.239	153	44995	1.662	ng/ul	98
12) Fluorene	15.238	166	47471	1.534	ng/ul	99
15) Phenanthrene	16.978	178	614932m	16.963	ng/ul	
16) Anthracene	17.075	178	127046m	4.290	ng/ul	
19) Fluoranthene	19.013	202	826430m	20.678	ng/ul	
20) Pyrene	19.380	202	462491m	11.180	ng/ul	
21) Benzo(a)anthracene	21.135	228	366204m	11.703	ng/ul	
22) Chrysene	21.191	228	391084m	8.640	ng/ul	
24) Benzo(b)fluoranthene	22.690	252	505024m	11.820	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	194346m	3.733	ng/ul	
26) Benzo(a)pyrene	23.248	252	131493m	3.556	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.549	276	135830m	2.713	ng/ul	
28) Dibenzo(a,h)anthracene	25.542	278	64785m	1.669	ng/ul	
29) Benzo(g,h,i)perylene	26.233	276	18359m	0.439	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032859.D
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Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX9

Manual IntegrationsAPPROVED

Quant Time: Jul 20 03:04:20 2024
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