

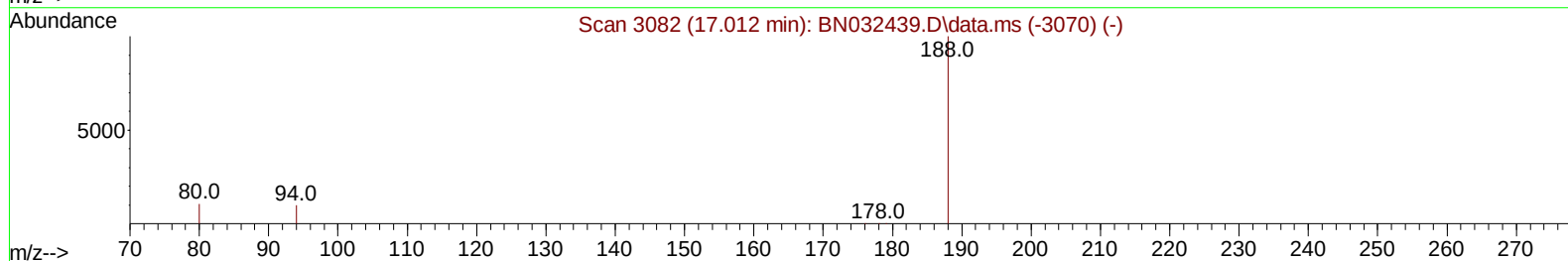
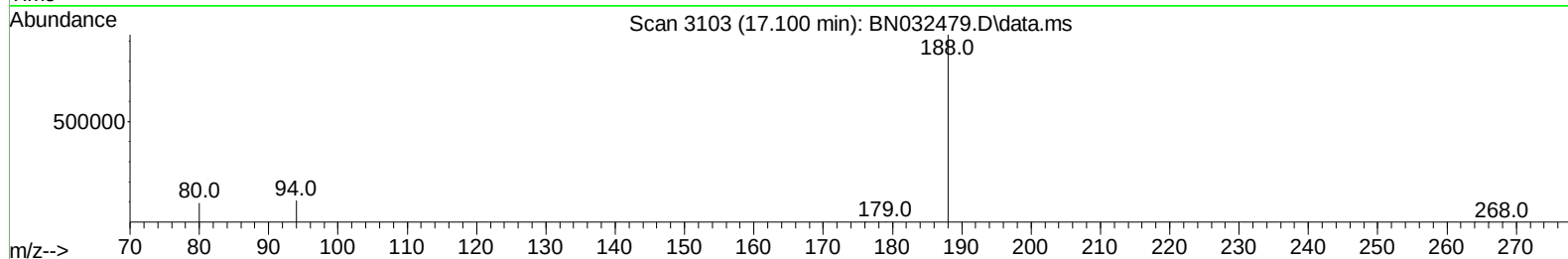
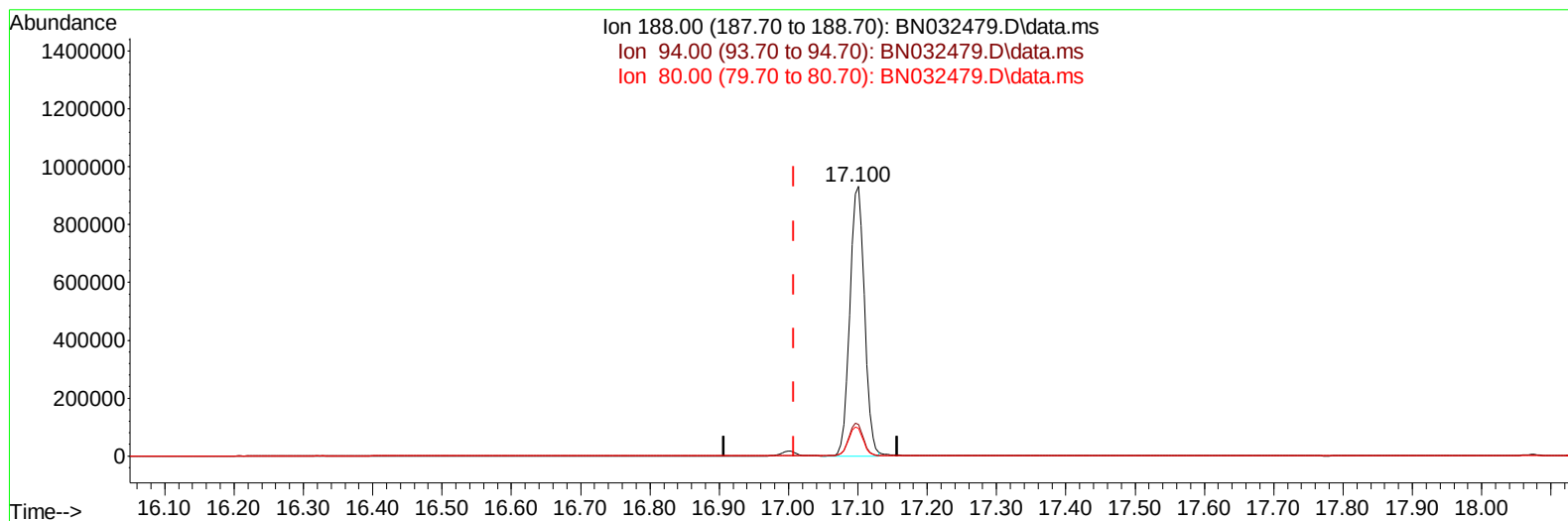
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(13) Phenanthrene-d10 (I)

17.100min (+ 0.093) 0.40 ng/u1

response 1365760

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.70
80.00	10.50	10.28
0.00	0.00	0.00

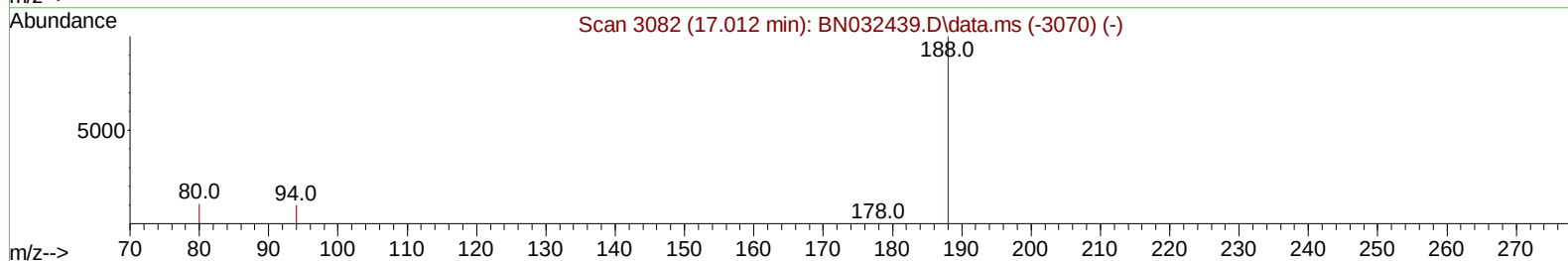
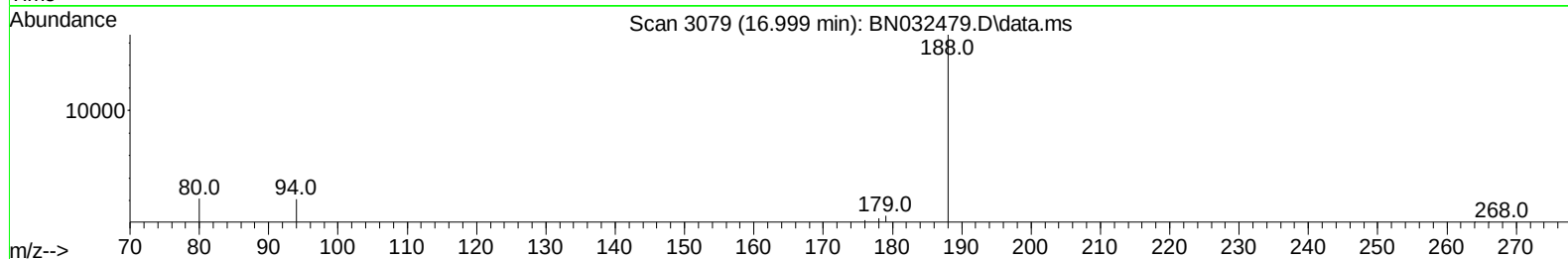
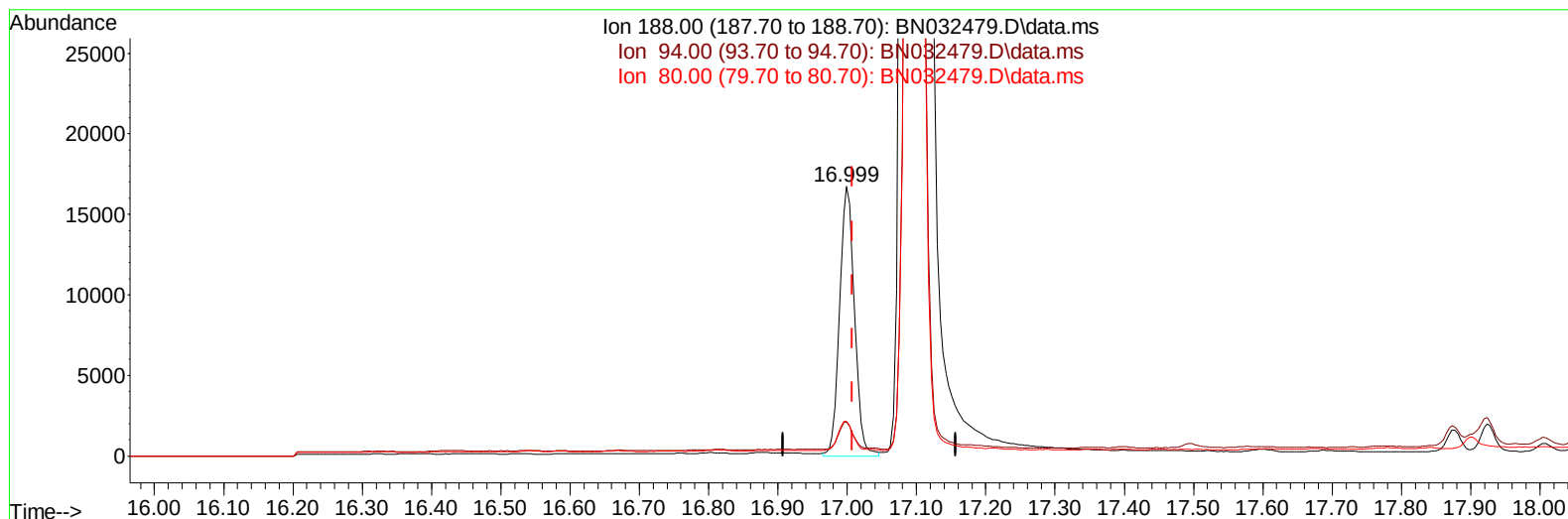
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(13) Phenanthrene-d10 (I)

16.999min (-0.008) 0.40 ng/ul m

response 24951

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.57#
80.00	10.50	12.91#
0.00	0.00	0.00

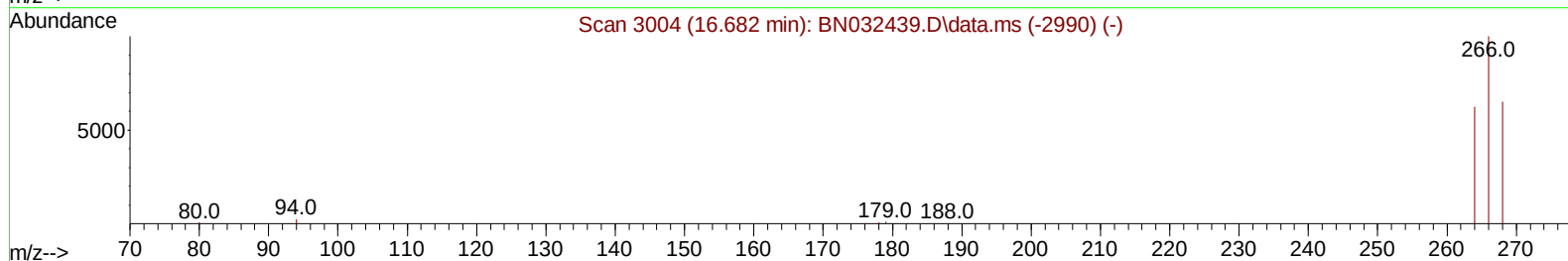
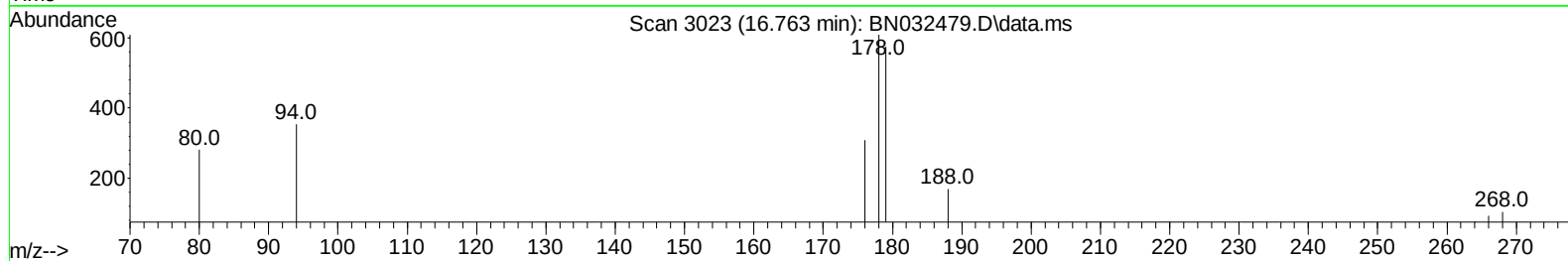
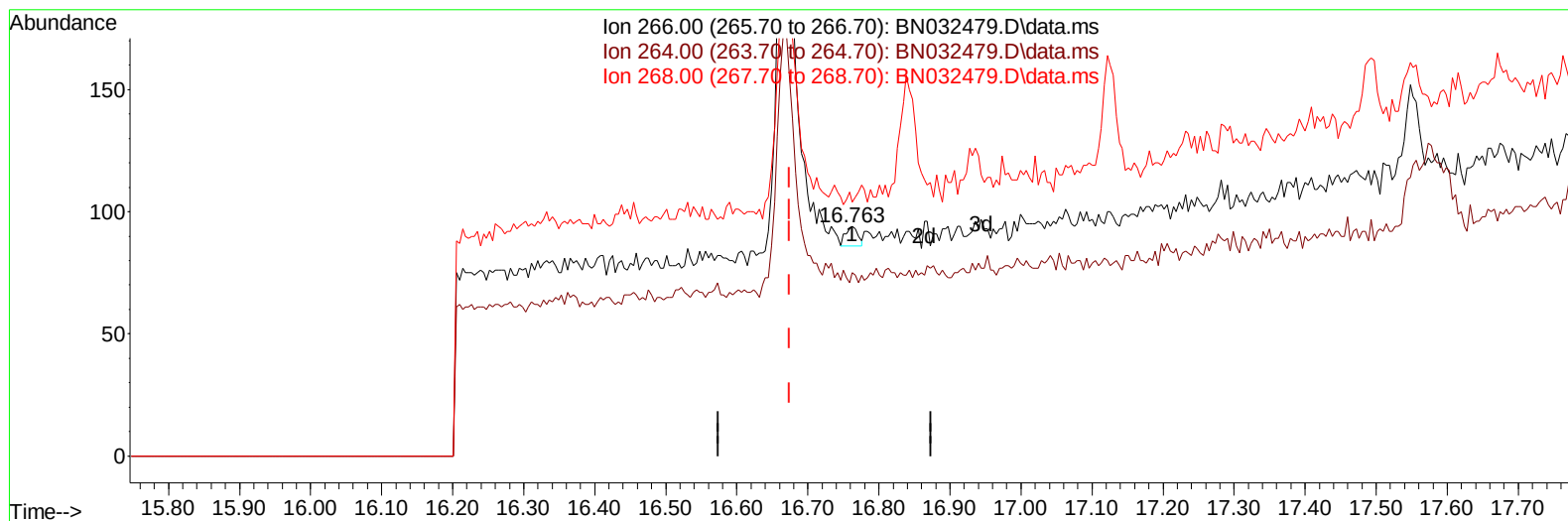
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(14) Pentachlorophenol

16.763min (+ 0.089) 0.00 ng/u1

response 10

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	0.00#
268.00	65.50	50.00#
0.00	0.00	0.00

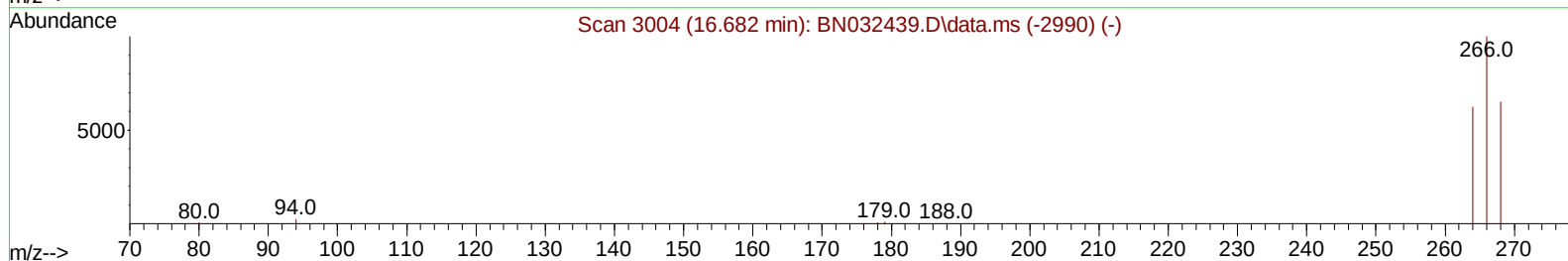
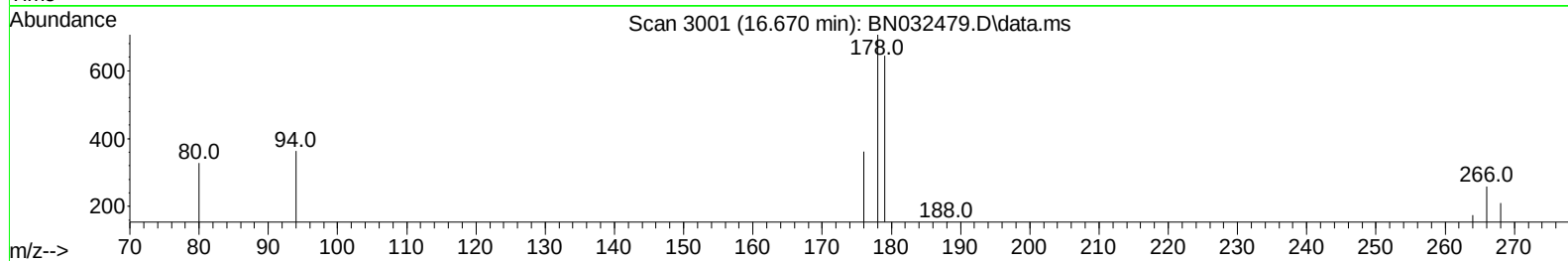
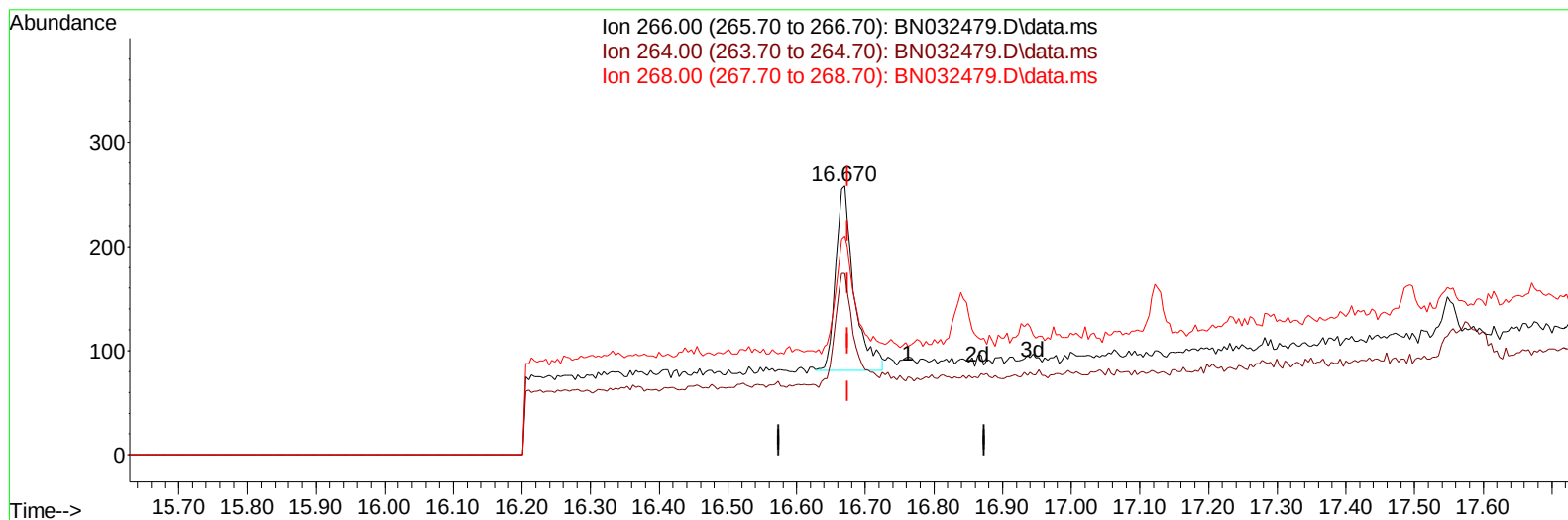
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(14) Pentachlorophenol

16.670min (-0.004) 0.06 ng/ul m

response 329

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	0.00#
268.00	65.50	1.52#
0.00	0.00	0.00

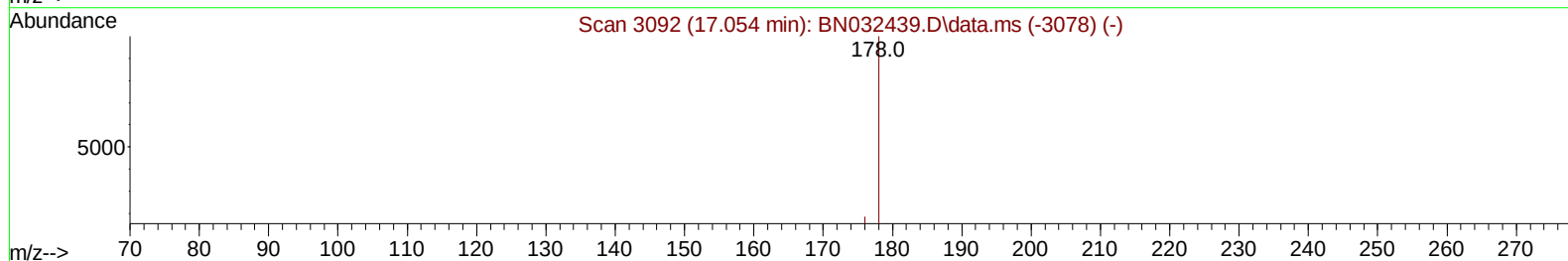
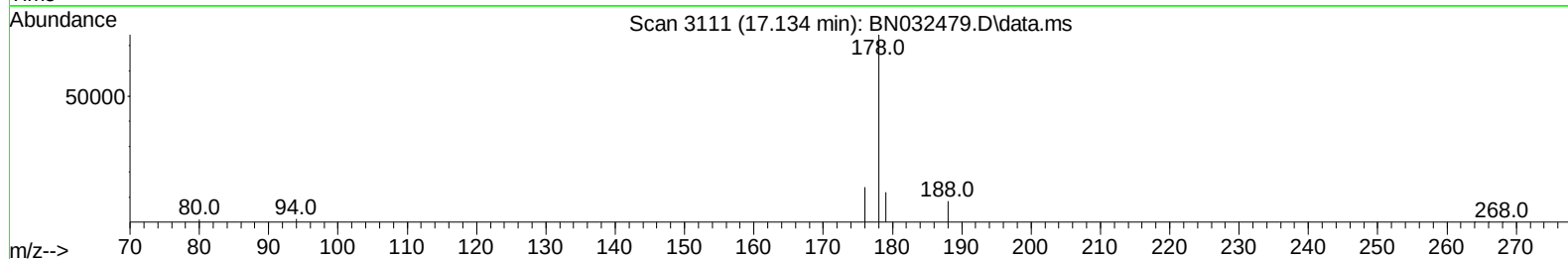
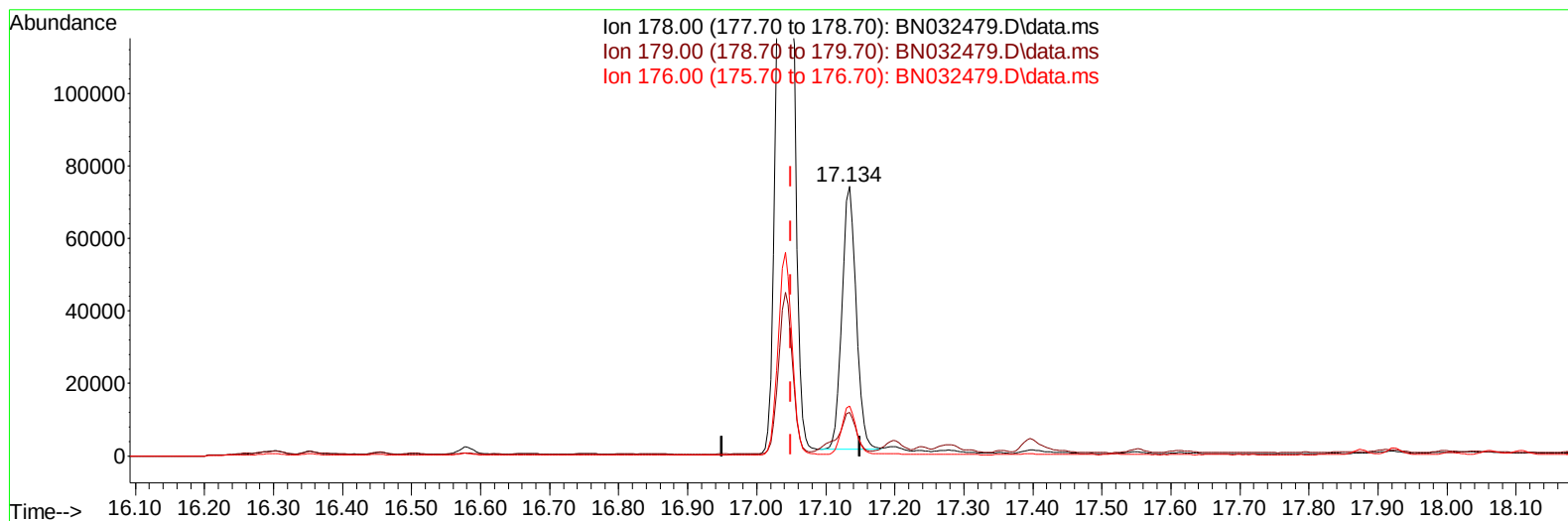
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
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Reviewed By :Yogesh Patel 07/05/2024
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TIC: BN032479.D\data.ms

(15) Phenanthrene

17.134min (+ 0.084) 1.53 ng/ul

response 104637

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.18
176.00	19.50	18.62
0.00	0.00	0.00

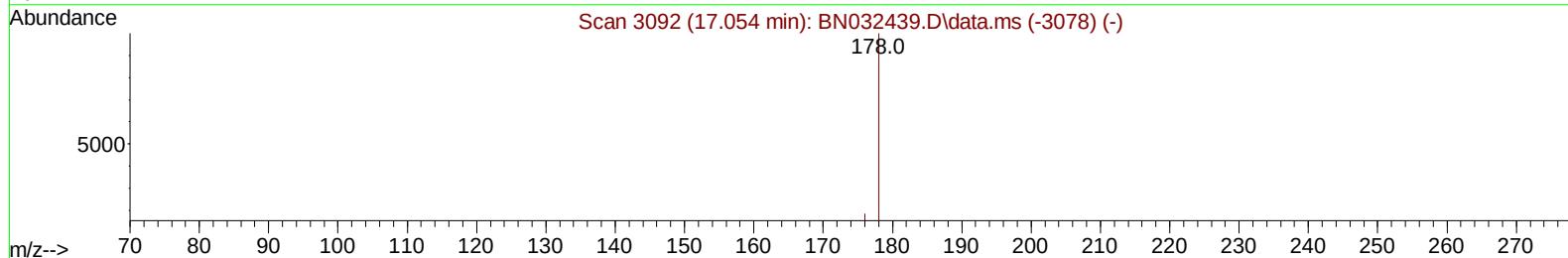
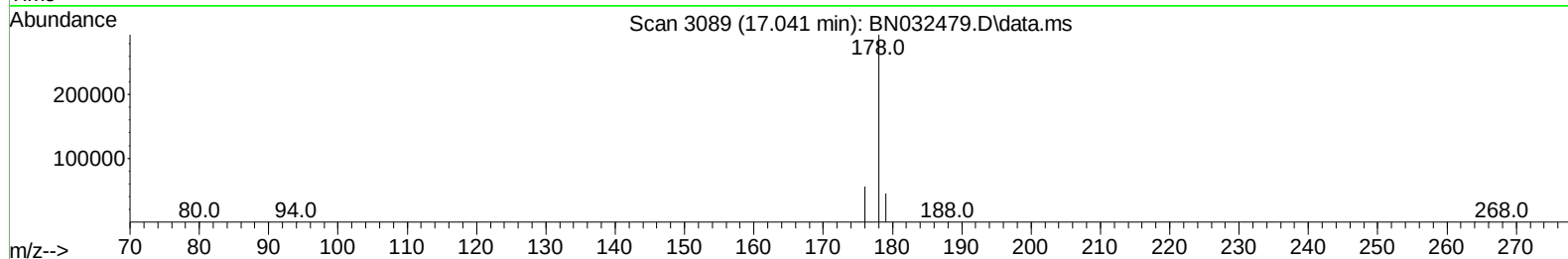
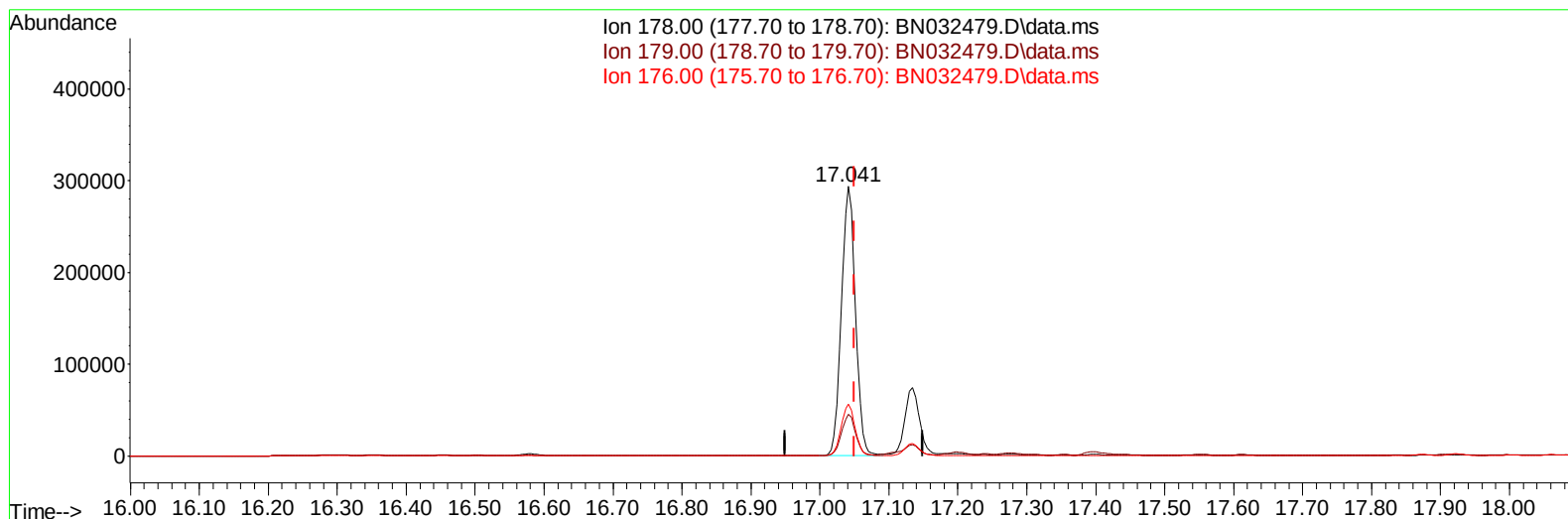
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(15) Phenanthrene

17.041min (-0.008) 6.05 ng/ul m

response 413683

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.36
176.00	19.50	19.14
0.00	0.00	0.00

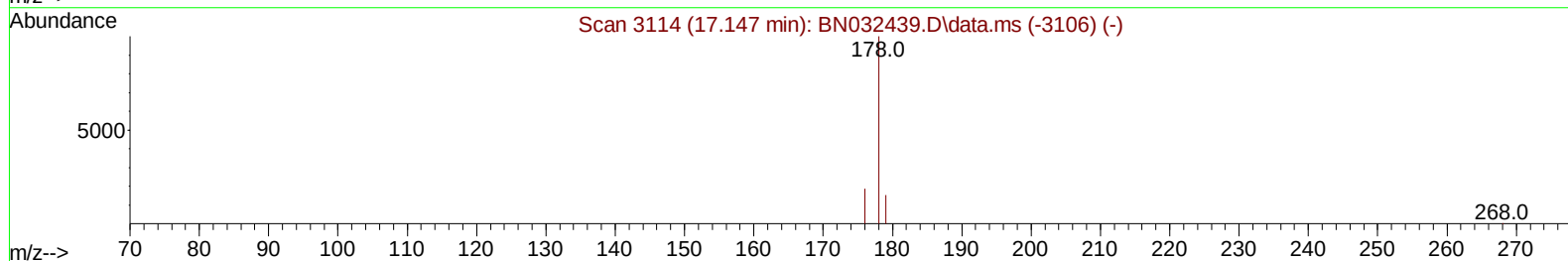
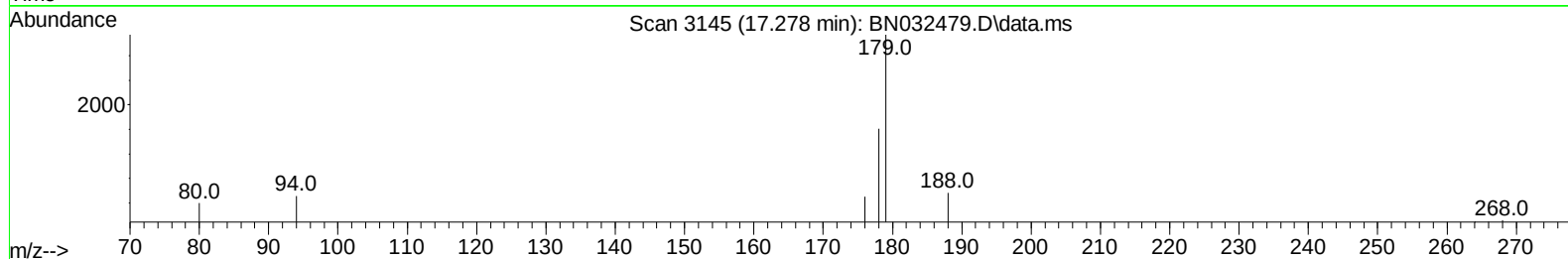
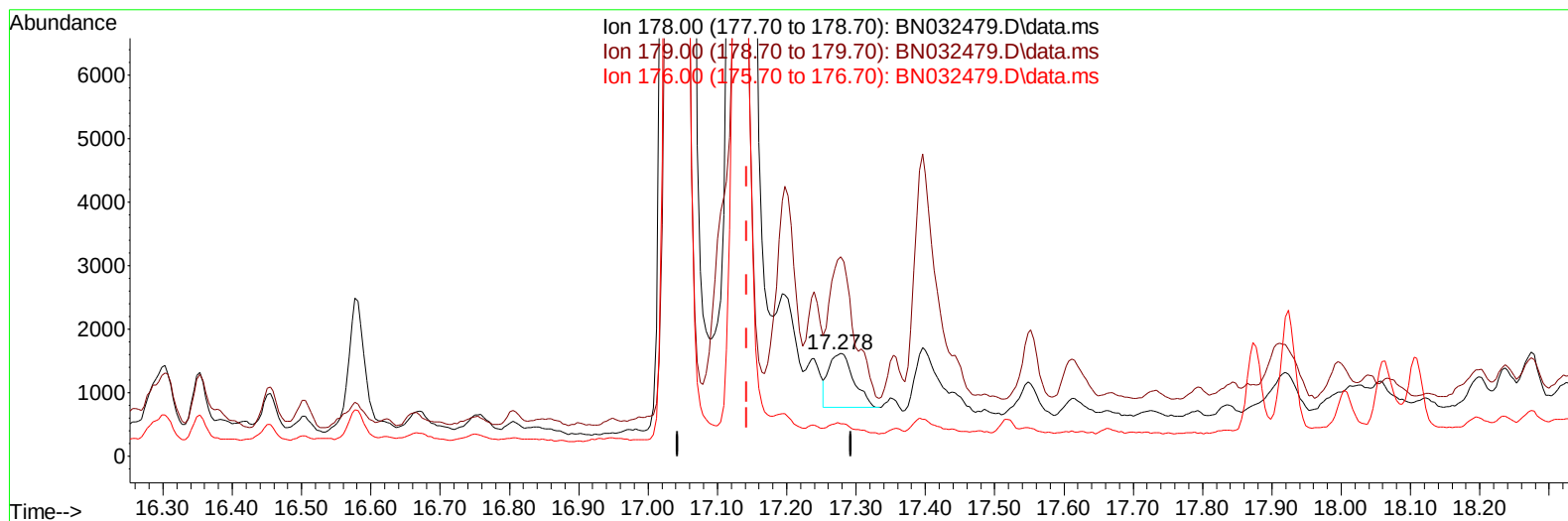
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(16) Anthracene

17.278min (+ 0.135) 0.03 ng/u1

response 2132

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	194.55#
176.00	18.80	31.10#
0.00	0.00	0.00

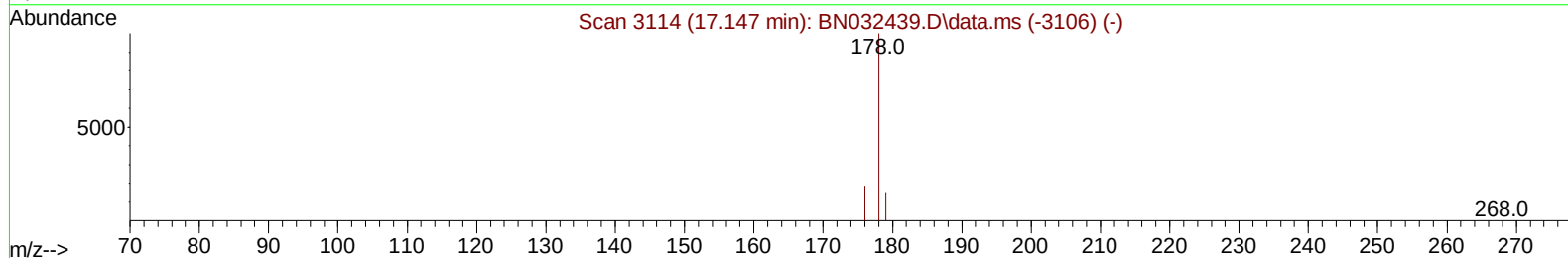
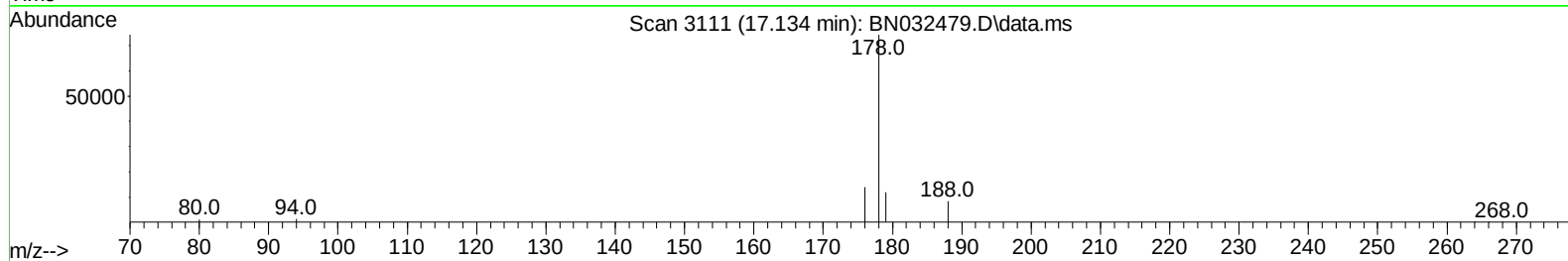
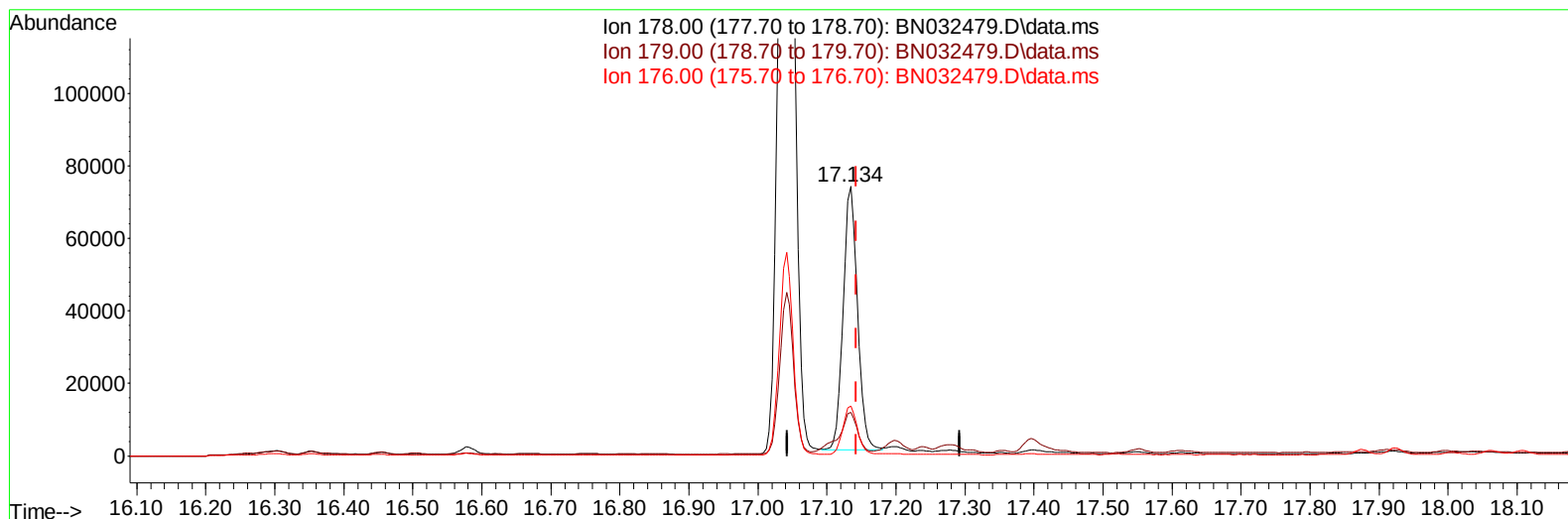
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(16) Anthracene

17.134min (-0.008) 1.72 ng/ul m

response 105089

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.18
176.00	18.80	18.62
0.00	0.00	0.00

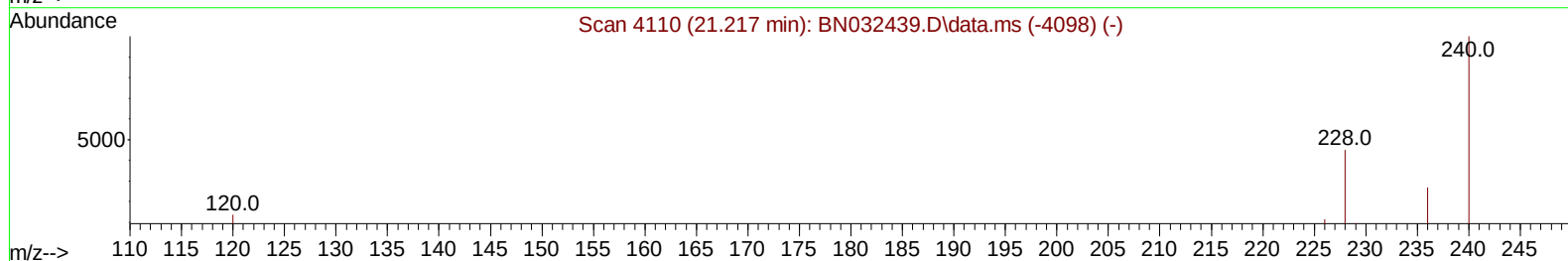
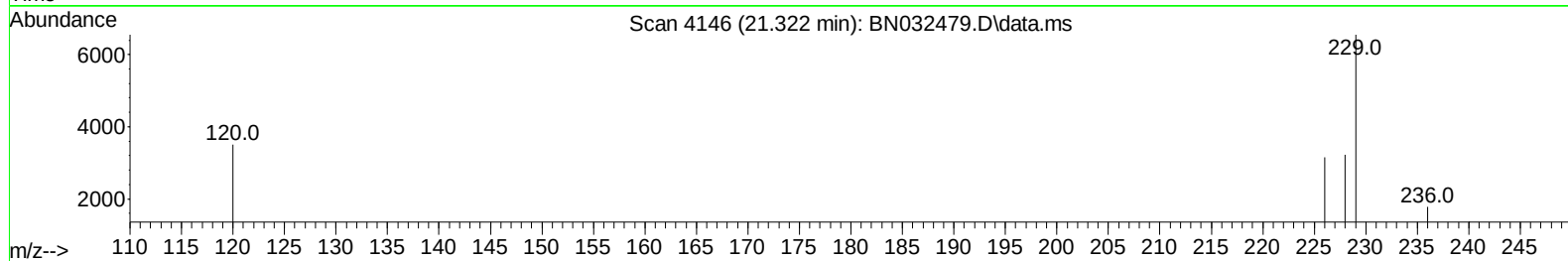
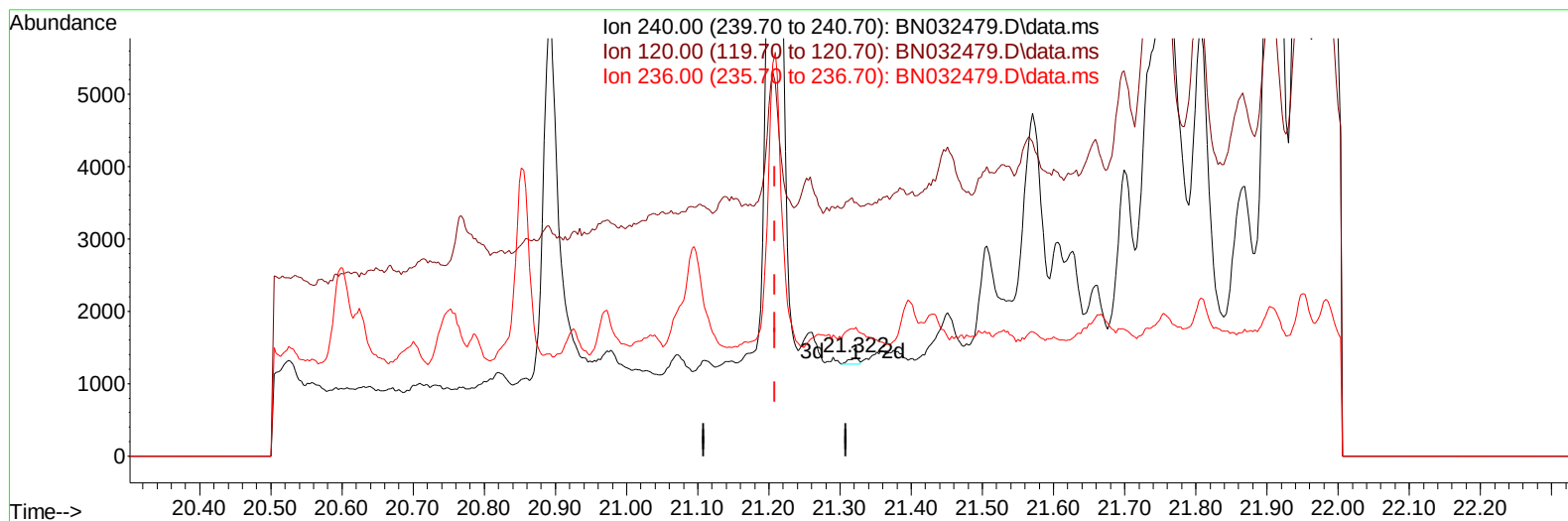
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032479.D\data.ms

(17) Chrysene-d12

21.322min (+ 0.114) 0.40 ng/u1

response 90

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	258.39#
236.00	28.40	131.00#
0.00	0.00	0.00

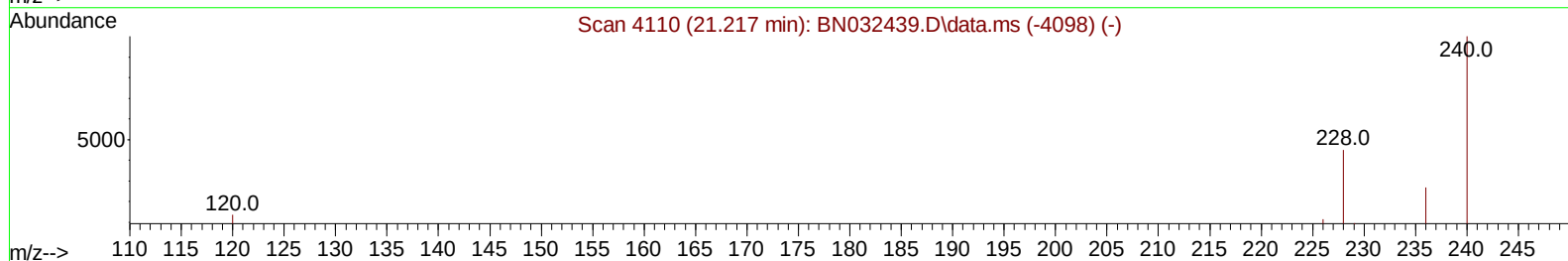
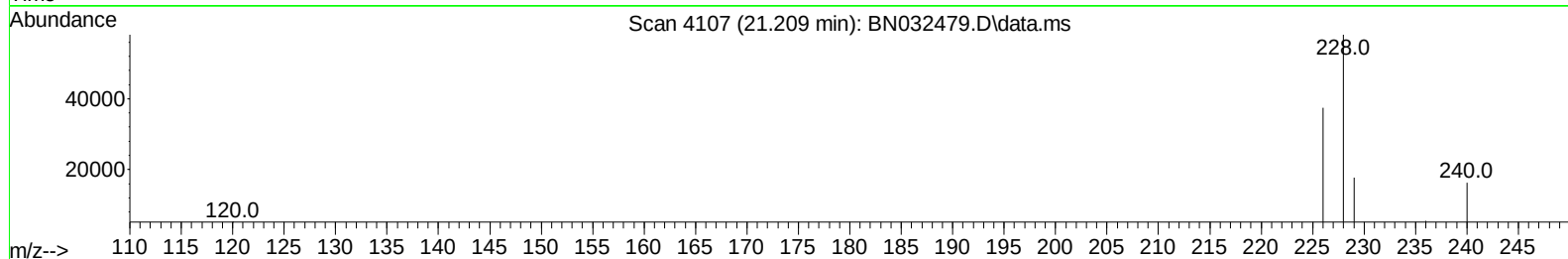
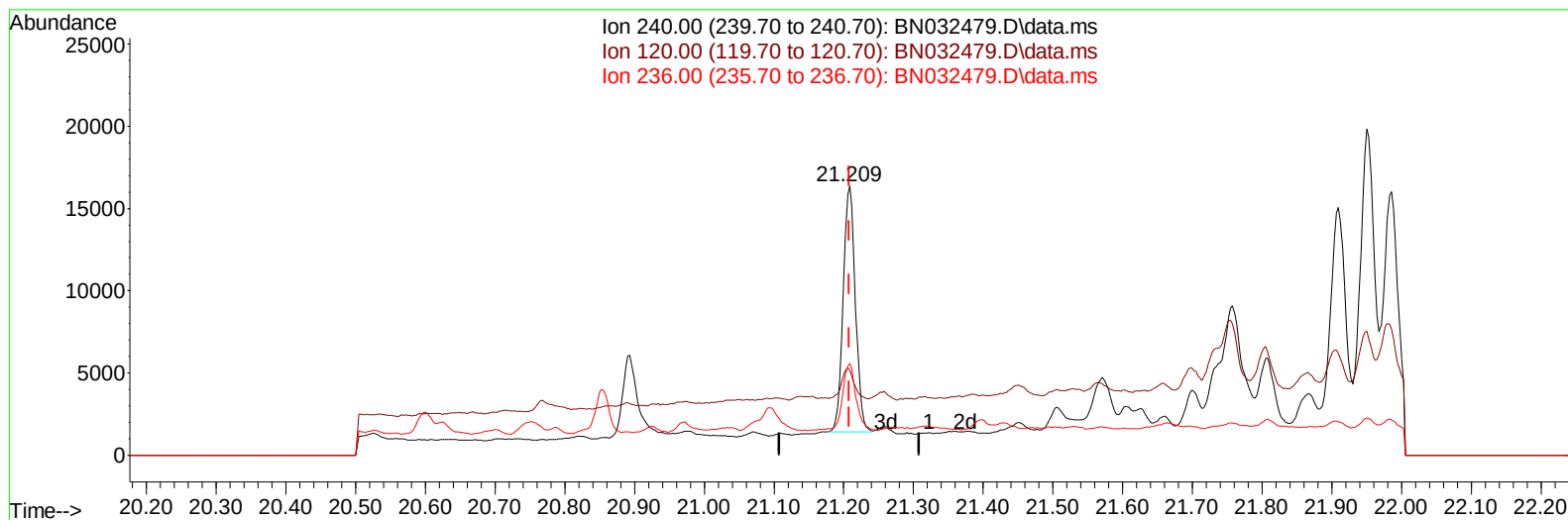
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(17) Chrysene-d12

21.209min (+ 0.000) 0.40 ng/ul m

response 18229

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	31.50#
236.00	28.40	34.12#
0.00	0.00	0.00

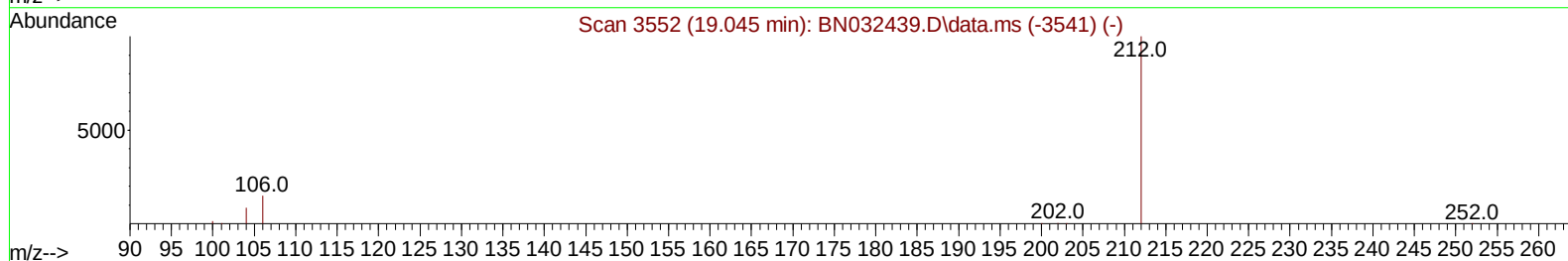
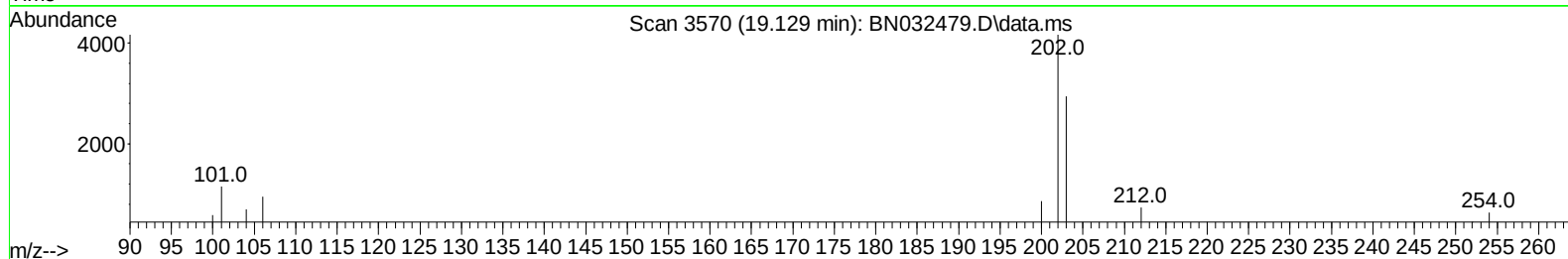
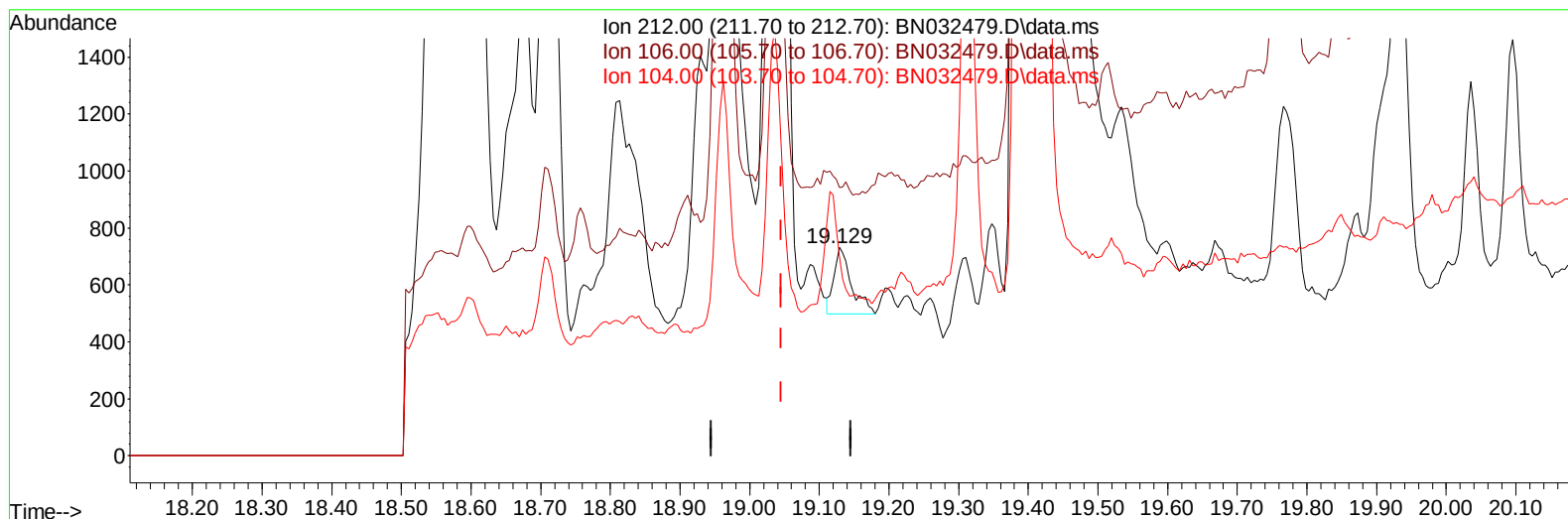
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.129min (+ 0.084) 0.01 ng/u1

response 405

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.00#
104.00	8.40	0.00#
0.00	0.00	0.00

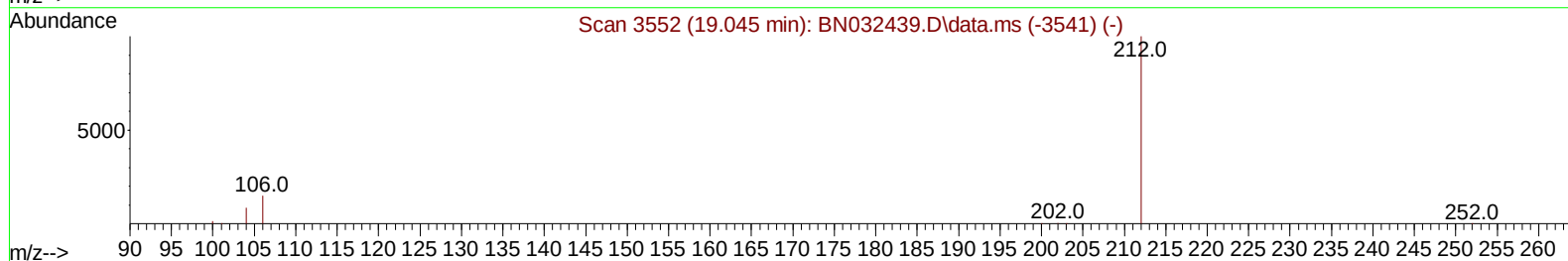
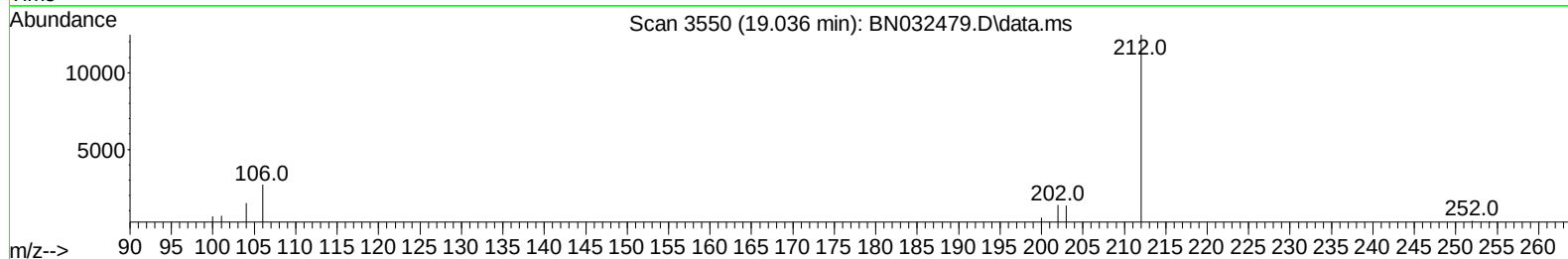
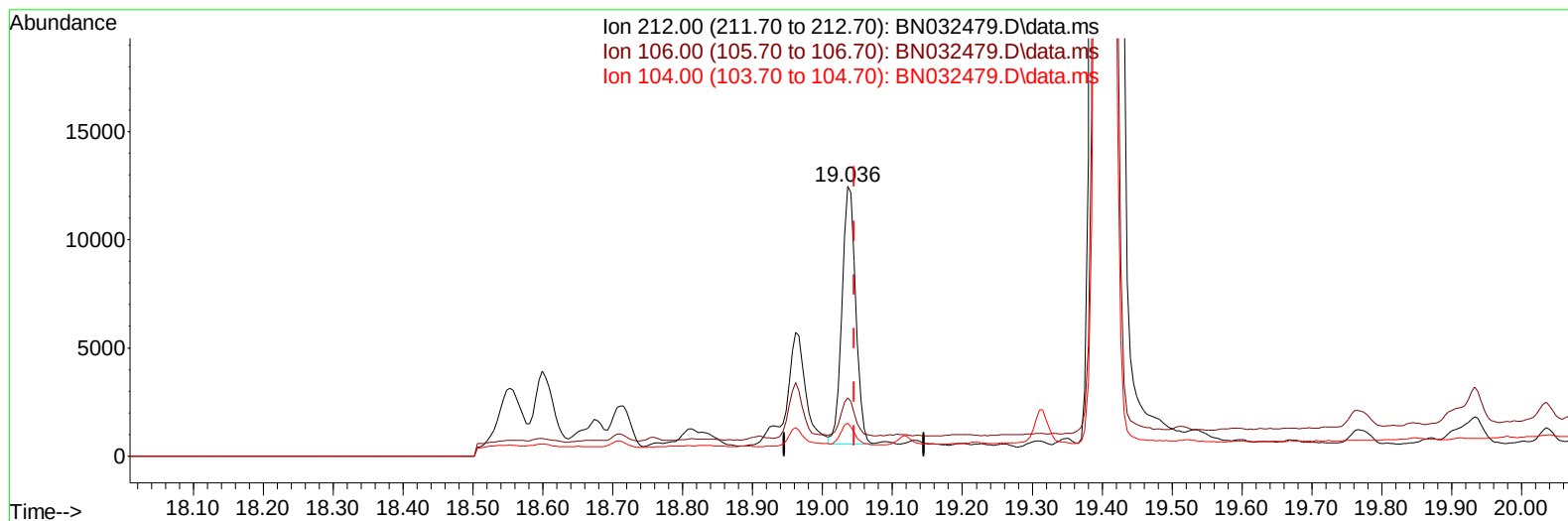
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
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QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.036min (-0.009) 0.30 ng/ul m

response 16400

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.00#
104.00	8.40	0.00#
0.00	0.00	0.00

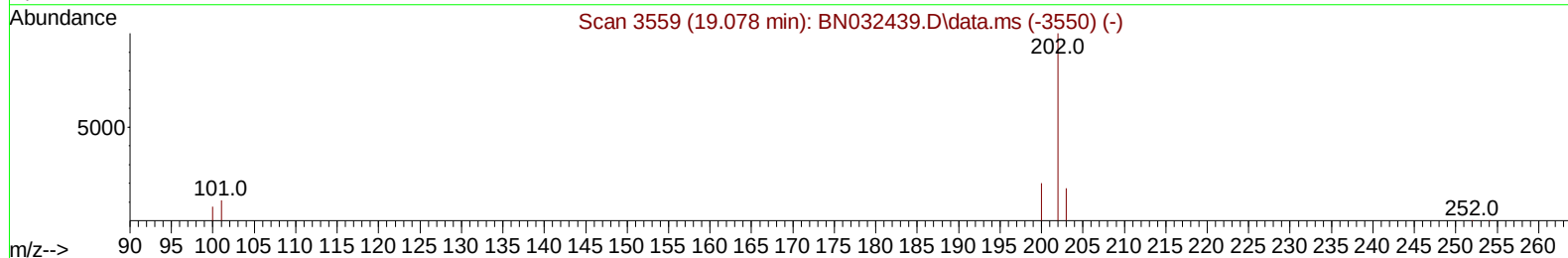
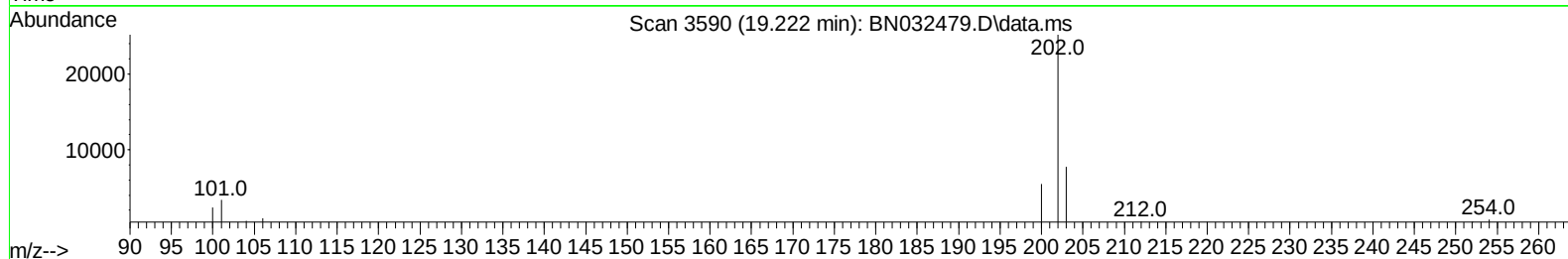
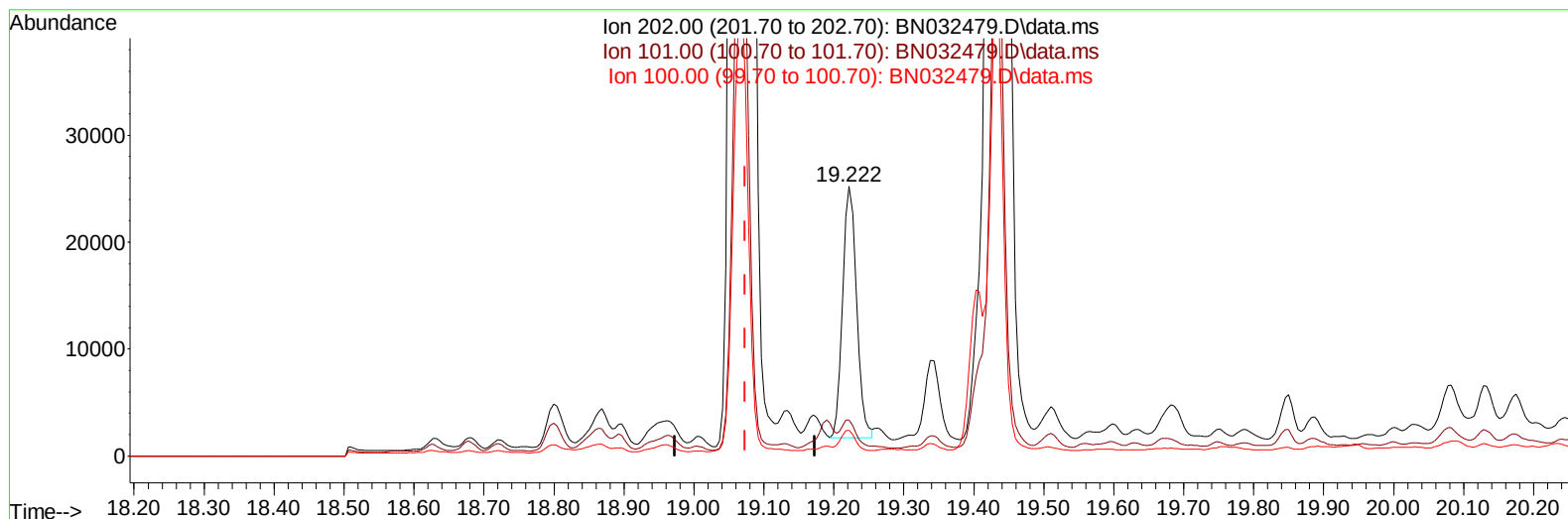
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(19) Fluoranthene (C)

19.222min (+ 0.149) 0.47 ng/u1

response 32376

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	13.31#
100.00	8.00	9.50
0.00	0.00	0.00

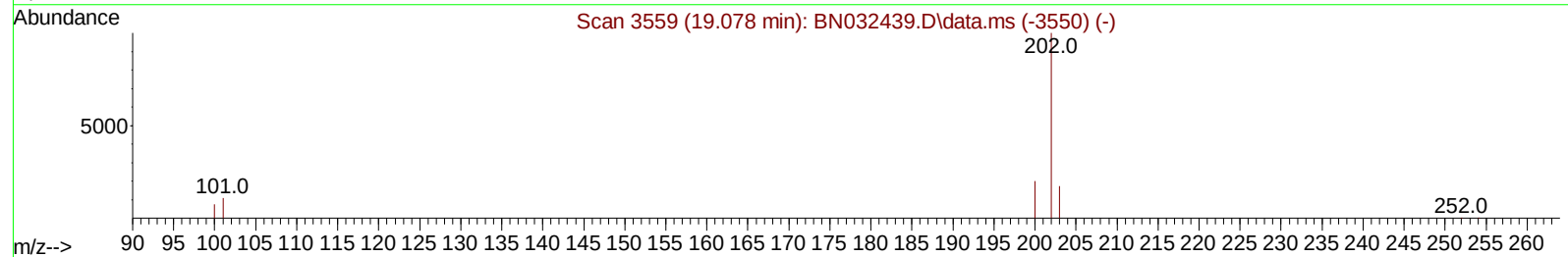
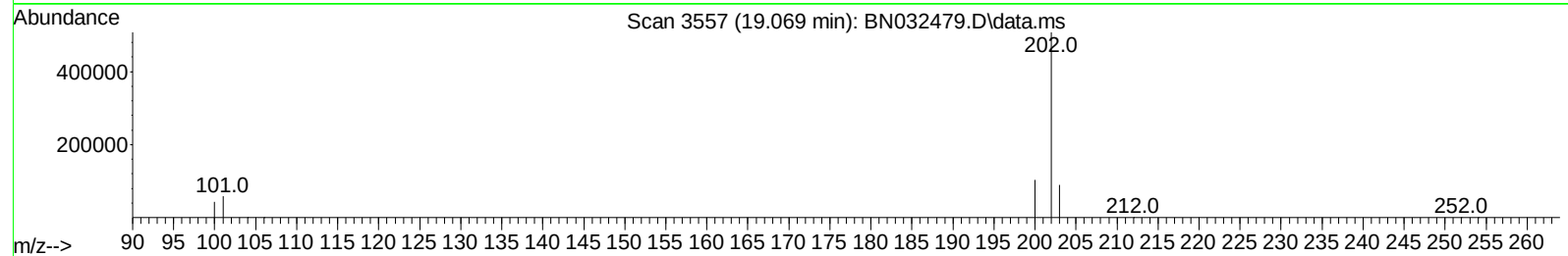
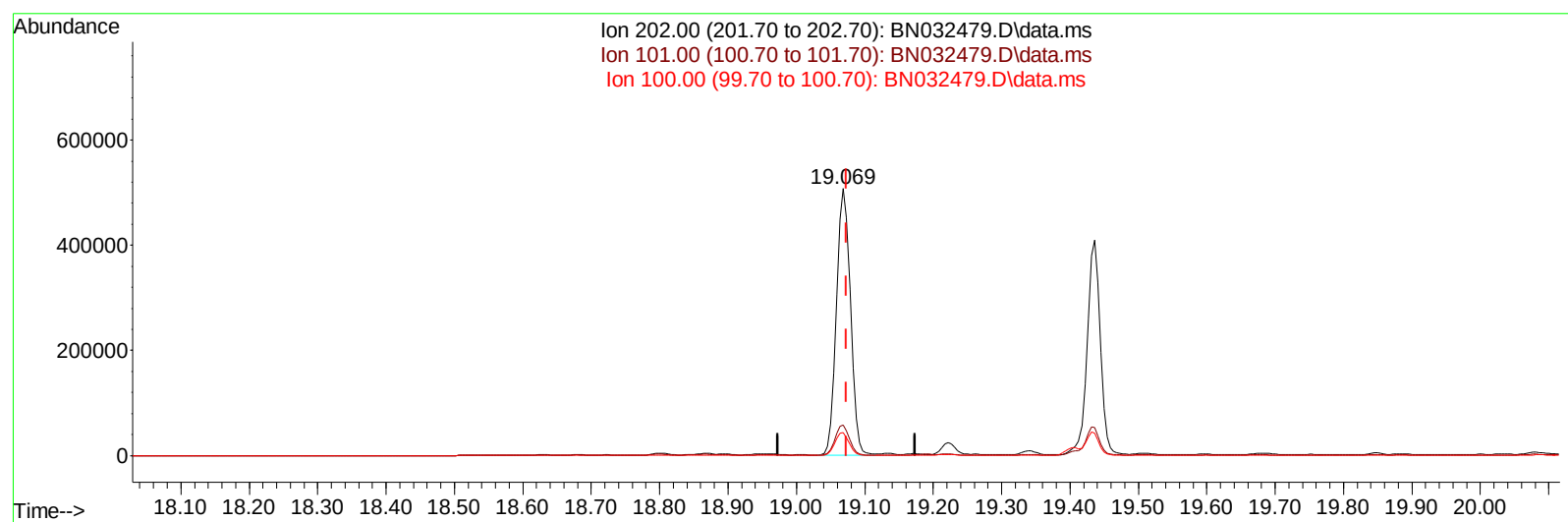
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(19) Fluoranthene (C)

19.069min (-0.005) 10.25 ng/ul m

response 711211

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.53
100.00	8.00	8.56
0.00	0.00	0.00

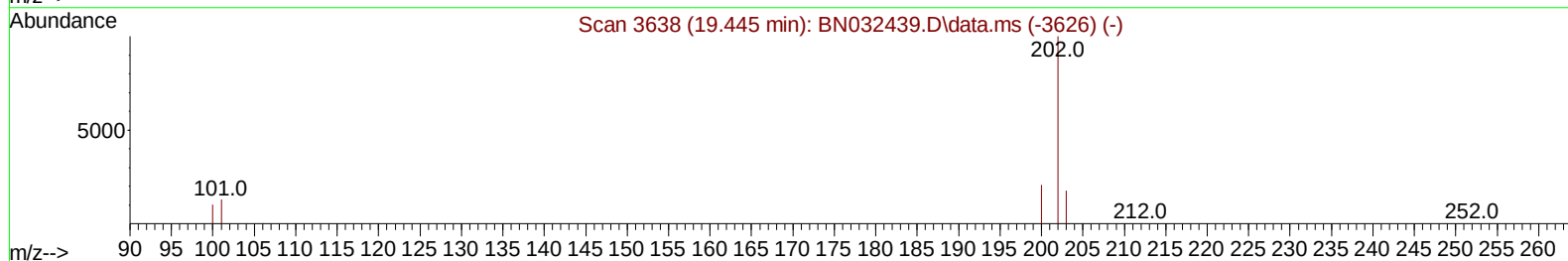
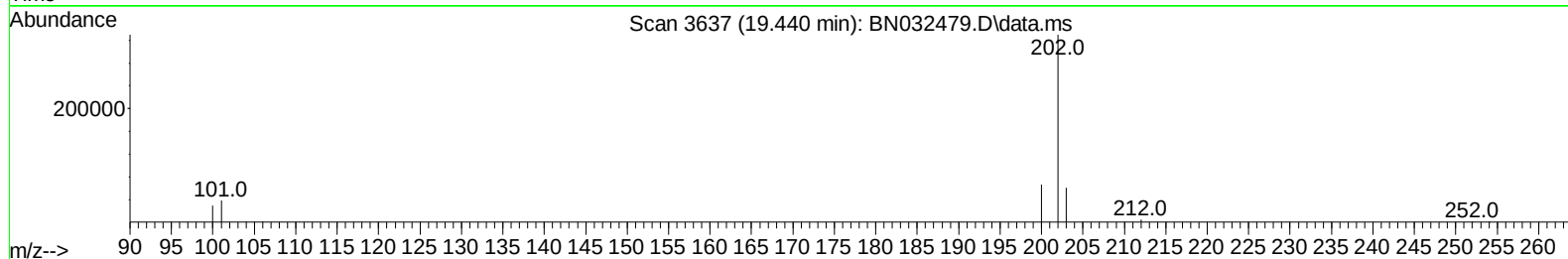
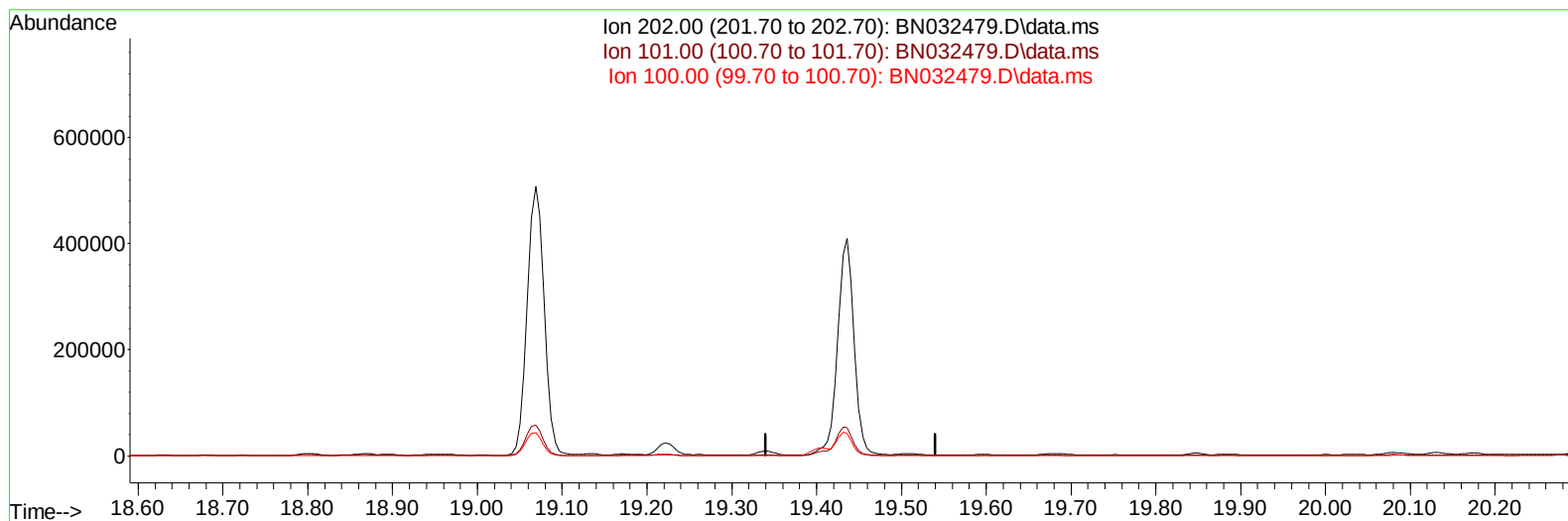
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(20) Pyrene

19.440min (-19.440) 0.00 ng/ul

response 0

Ion	Exp%	Act%
202.00	100.00	0.00
101.00	13.70	0.00#
100.00	10.90	0.00#
0.00	0.00	0.00

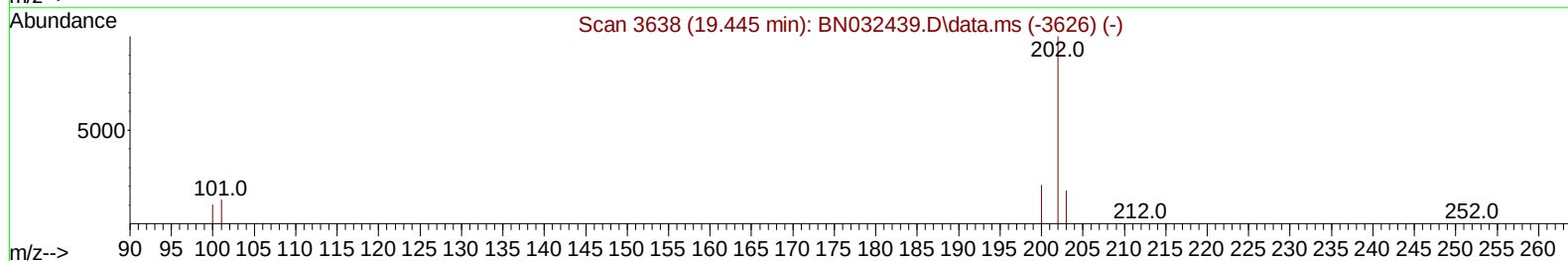
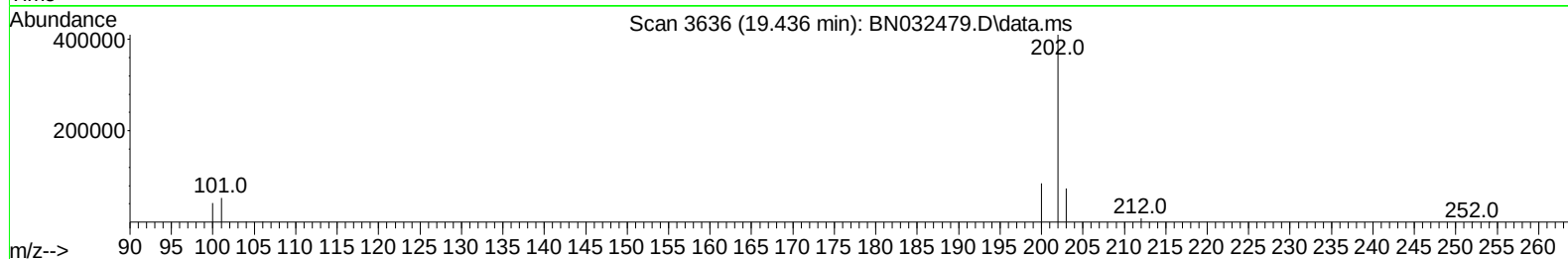
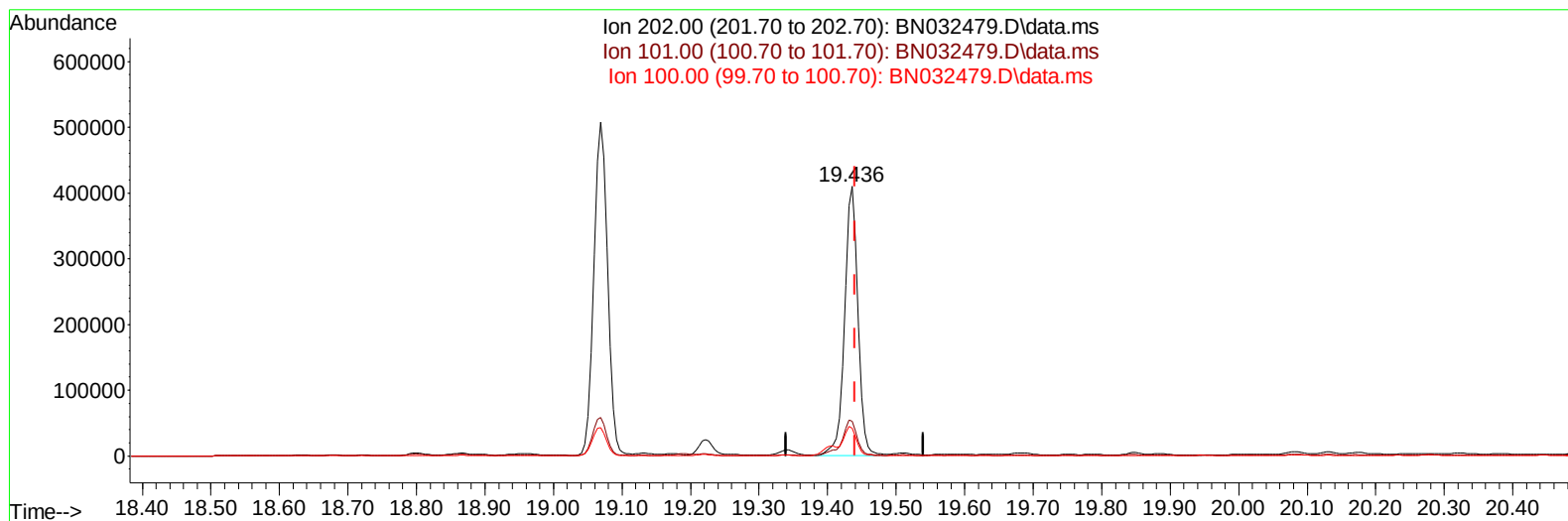
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(20) Pyrene

19.436min (-0.005) 7.62 ng/ul m

response 552819

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.97
100.00	10.90	10.32
0.00	0.00	0.00

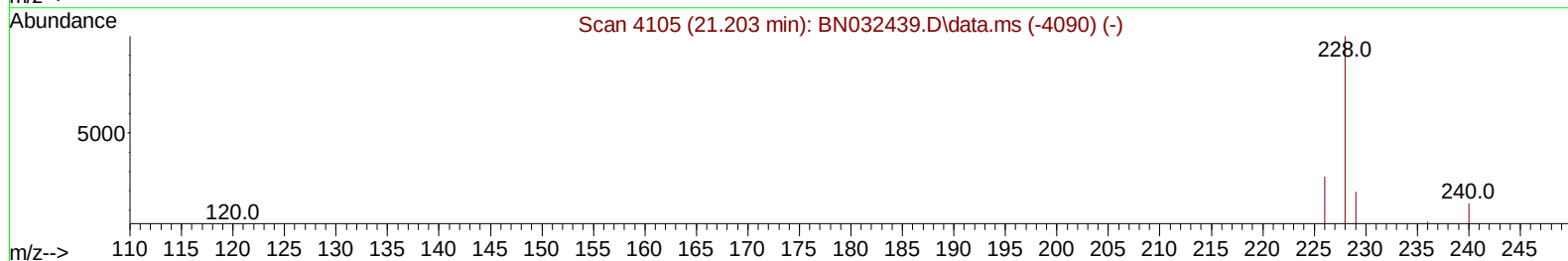
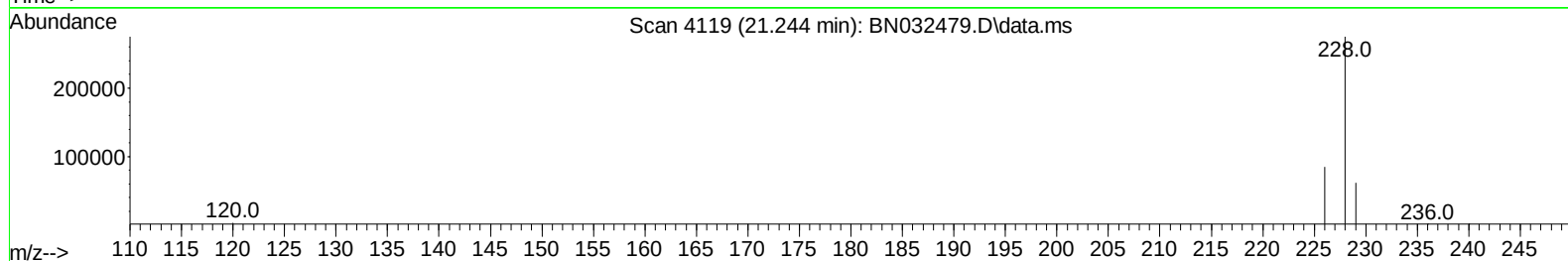
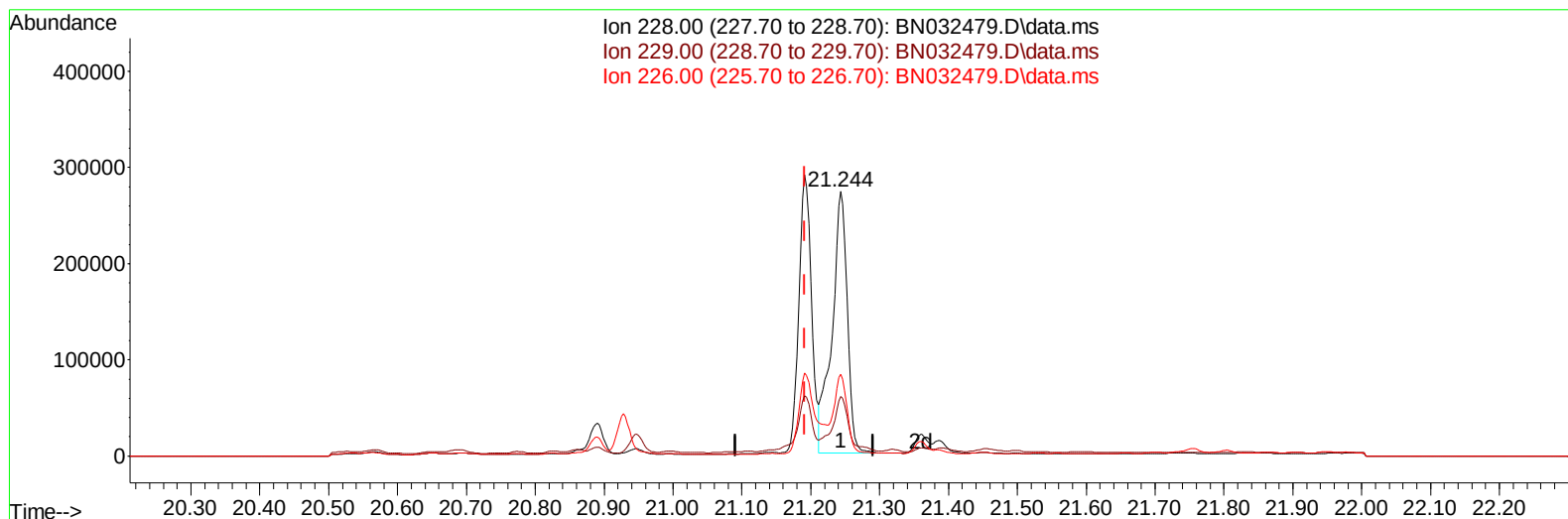
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(21) Benzo(a)anthracene

21.244min (+ 0.053) 6.39 ng/ul

response 420616

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.37
226.00	27.30	30.78
0.00	0.00	0.00

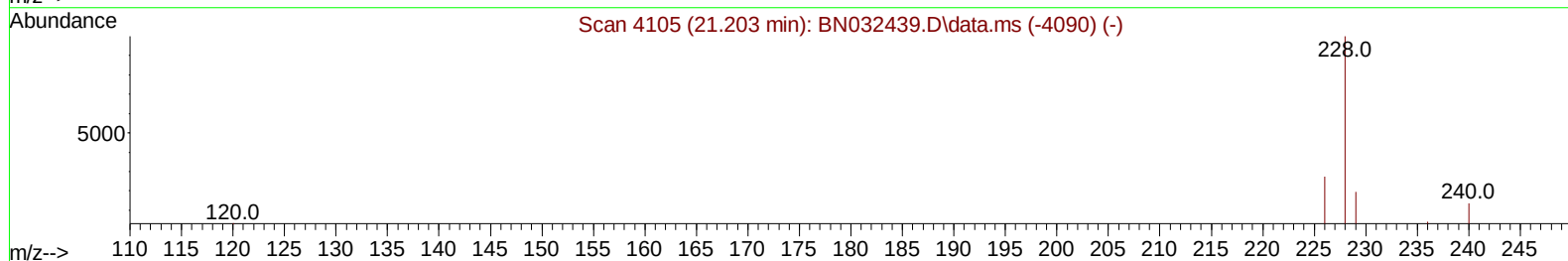
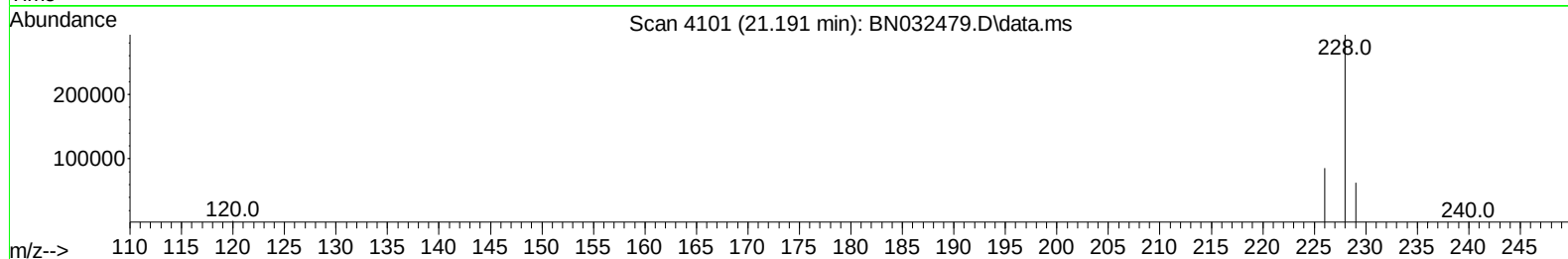
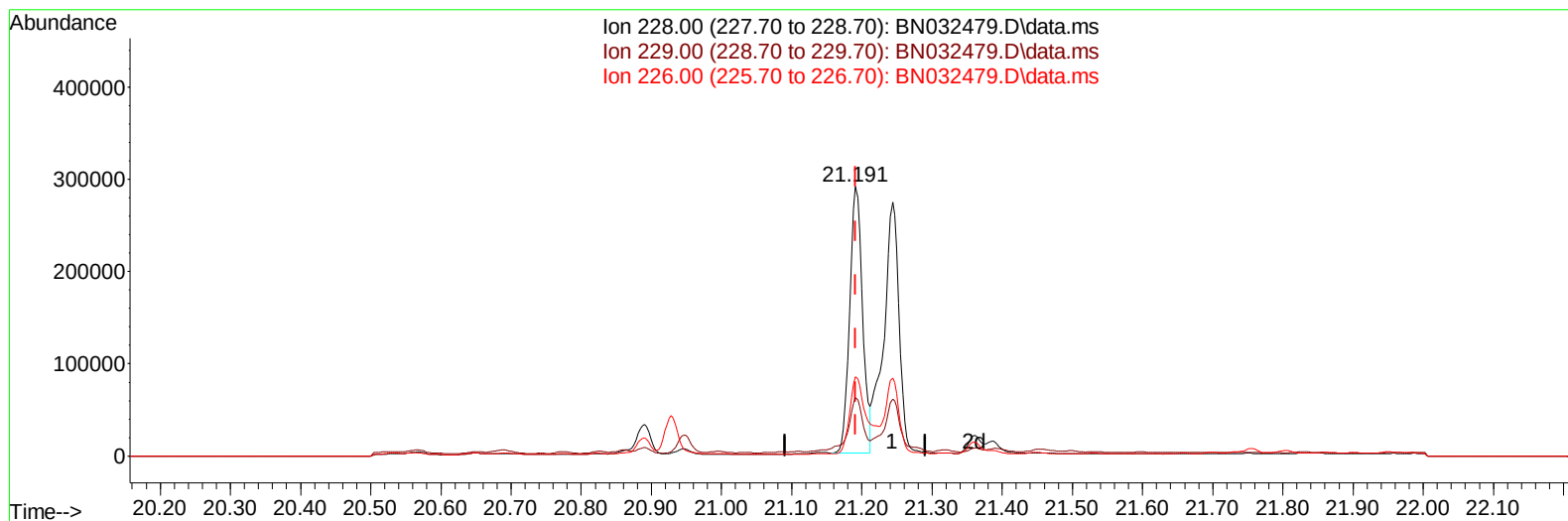
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(21) Benzo(a)anthracene

21.191min (+ 0.000) 5.64 ng/ul m

response 370827

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.49
226.00	27.30	29.45
0.00	0.00	0.00

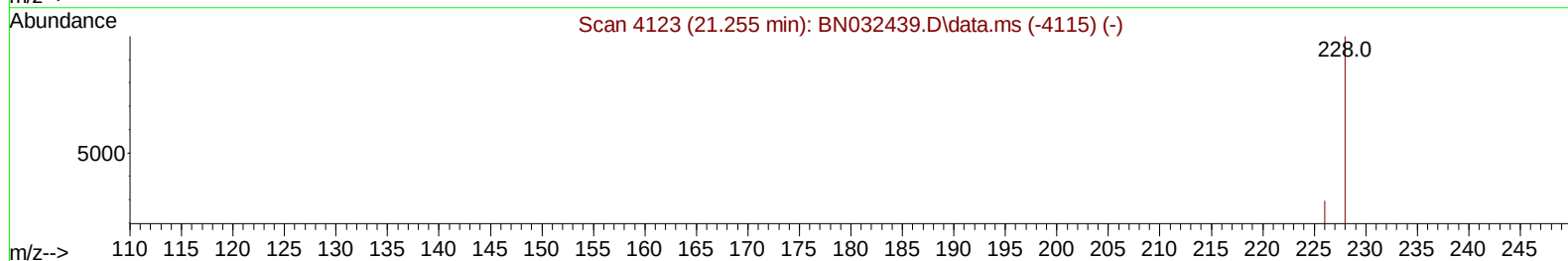
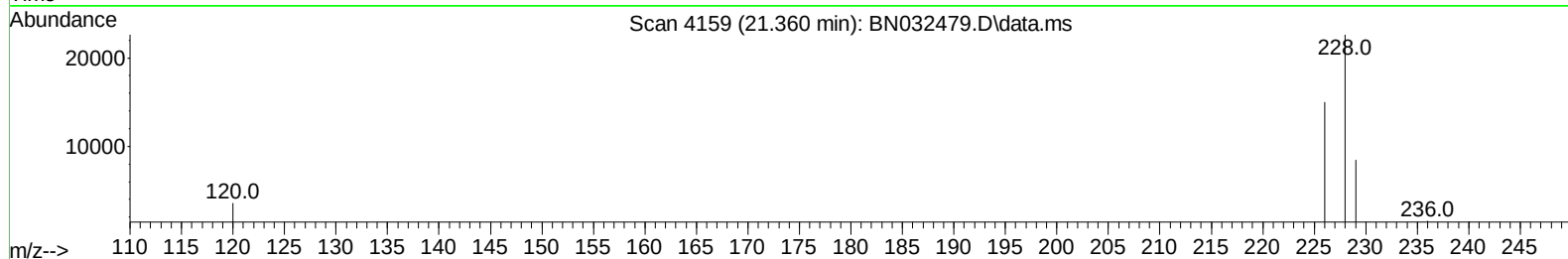
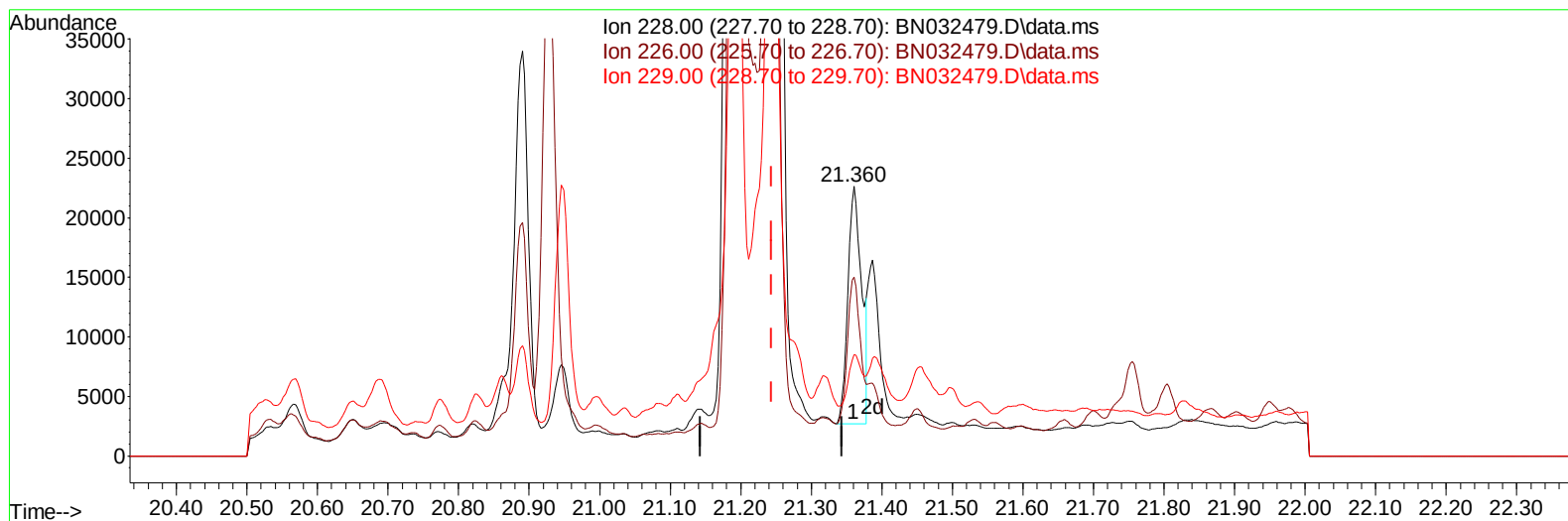
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(22) Chrysene

21.360min (+ 0.117) 0.38 ng/ul

response 27225

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	66.48#
229.00	19.60	37.54#
0.00	0.00	0.00

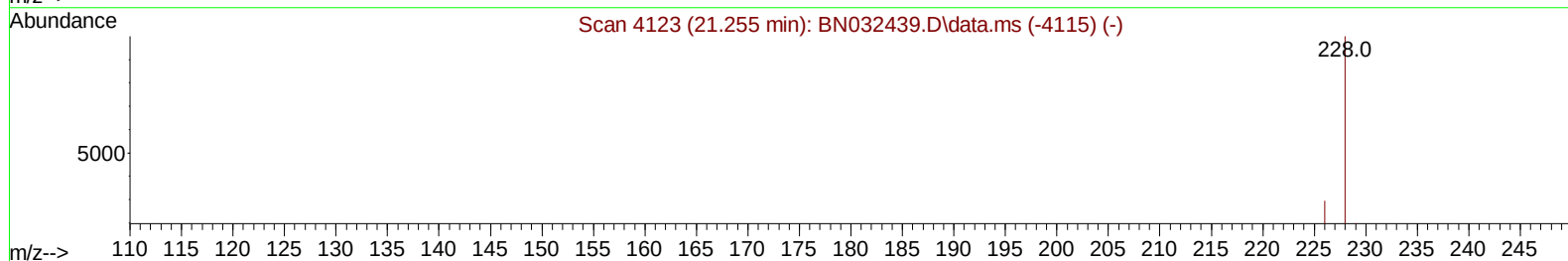
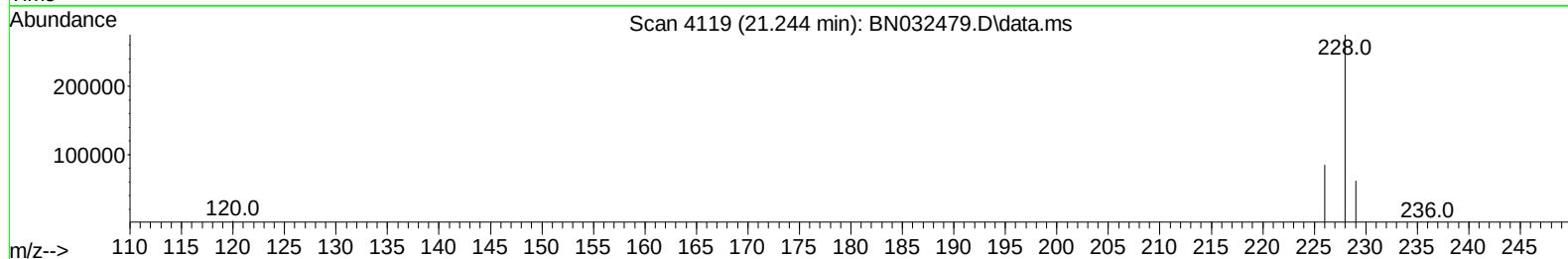
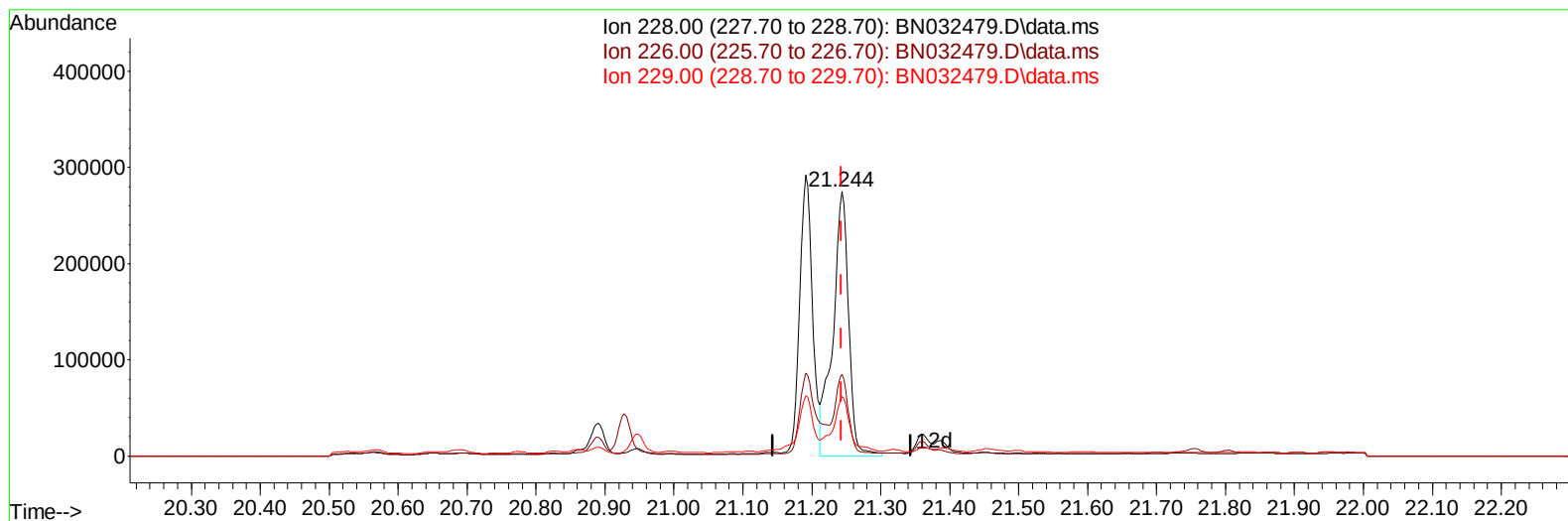
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(22) Chrysene

21.244min (+ 0.000) 6.05 ng/ul m

response 437082

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.78
229.00	19.60	22.37
0.00	0.00	0.00

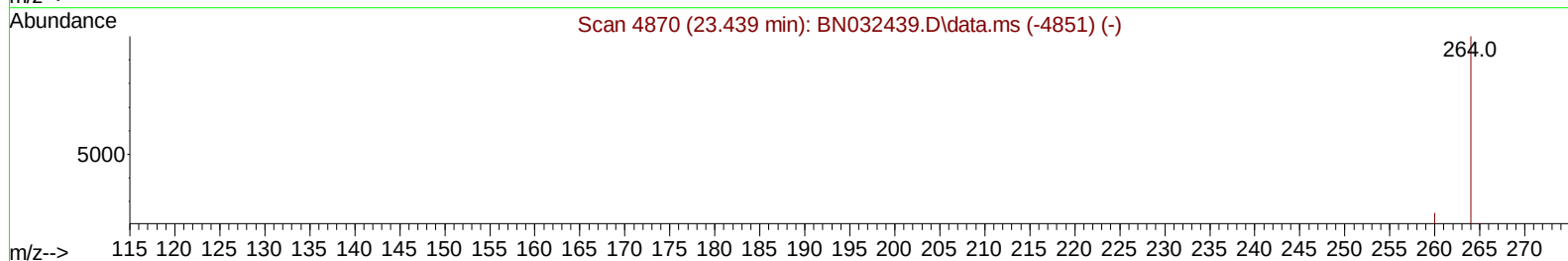
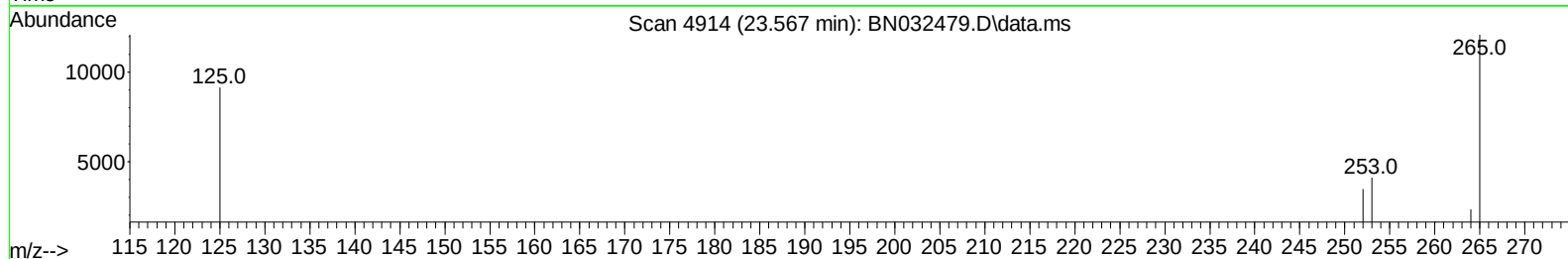
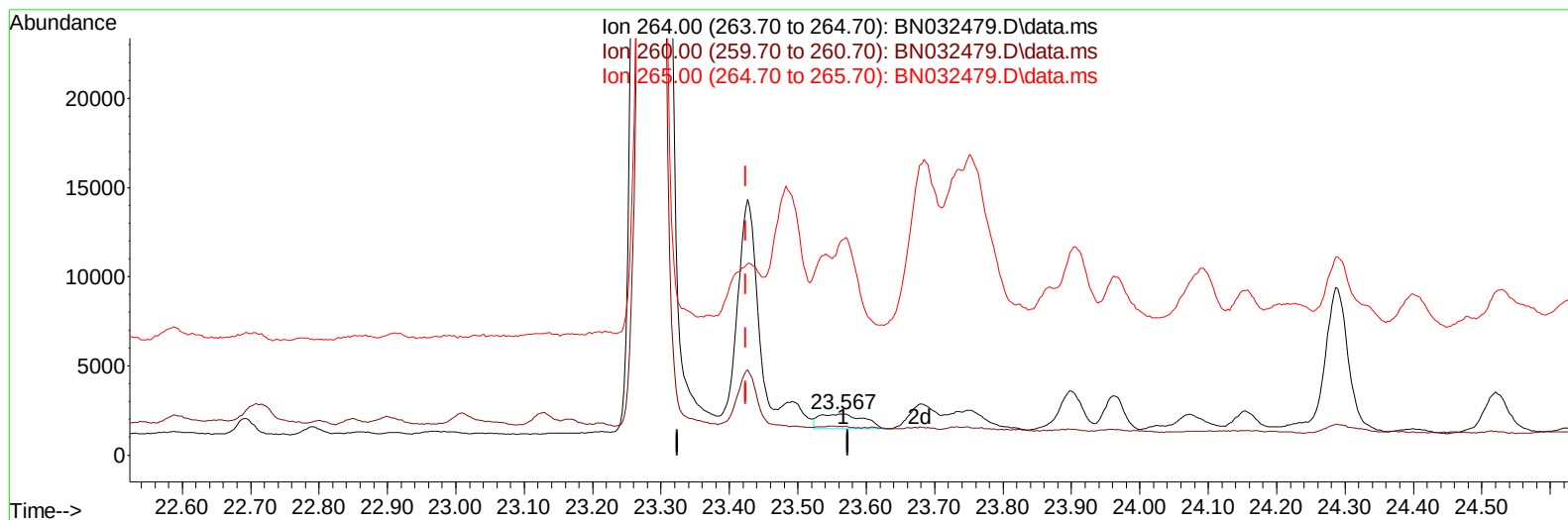
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(23) Perylene-d12 (I)

23.567min (+ 0.143) 0.40 ng/ul

response 3771

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	69.87#
265.00	67.20	523.94#
0.00	0.00	0.00

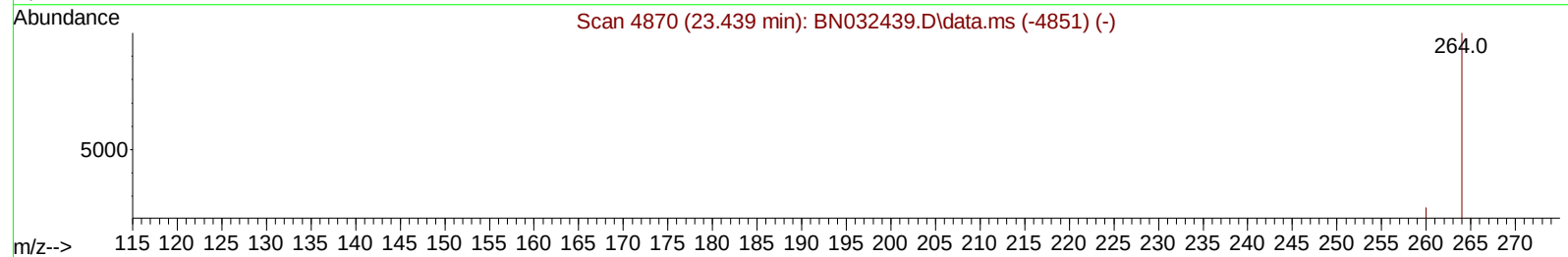
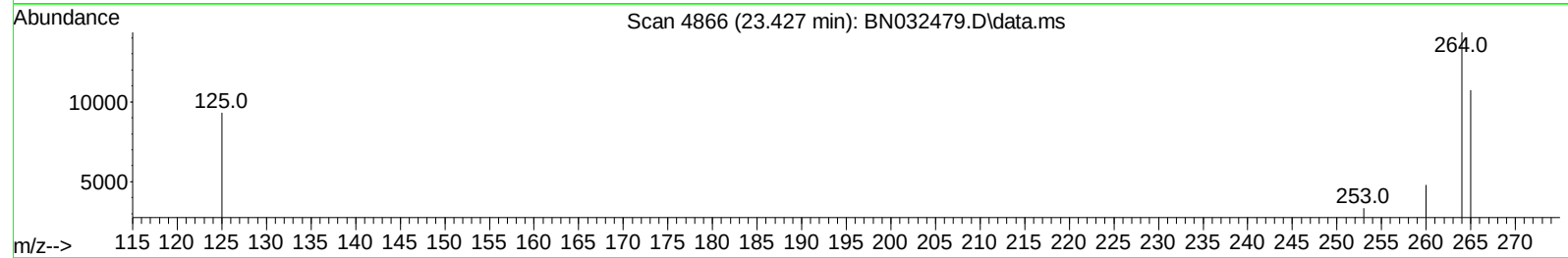
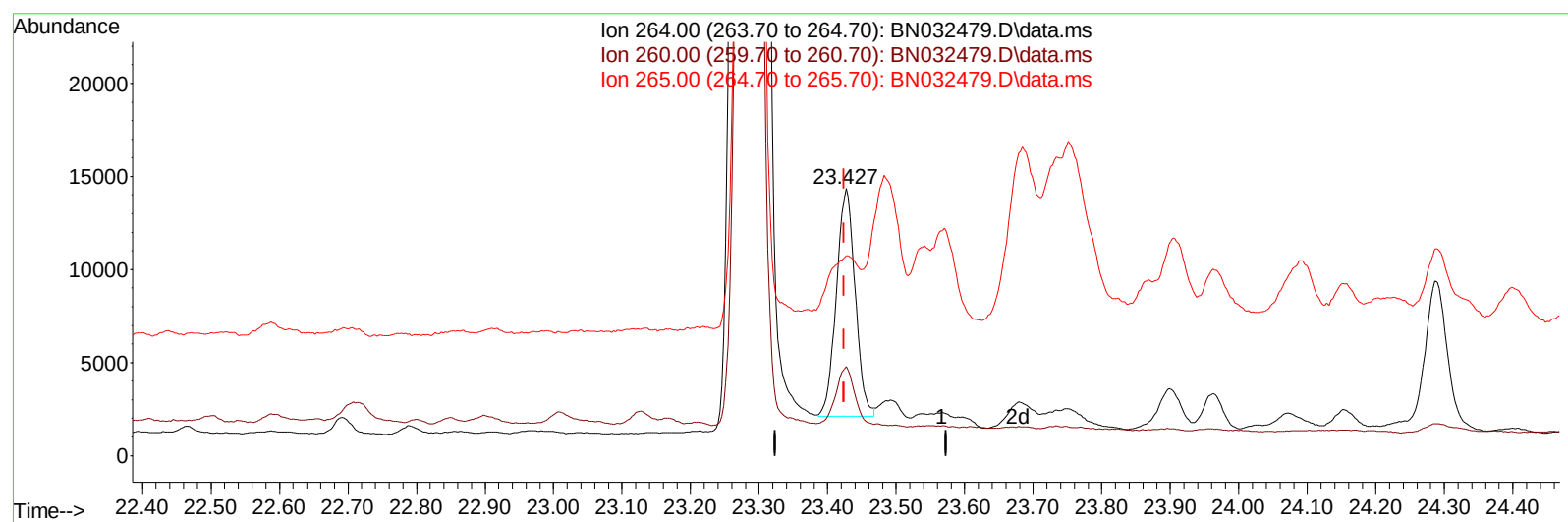
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(23) Perylene-d12 (I)

23.427min (+ 0.003) 0.40 ng/ul m

response 23354

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	33.42#
265.00	67.20	74.94
0.00	0.00	0.00

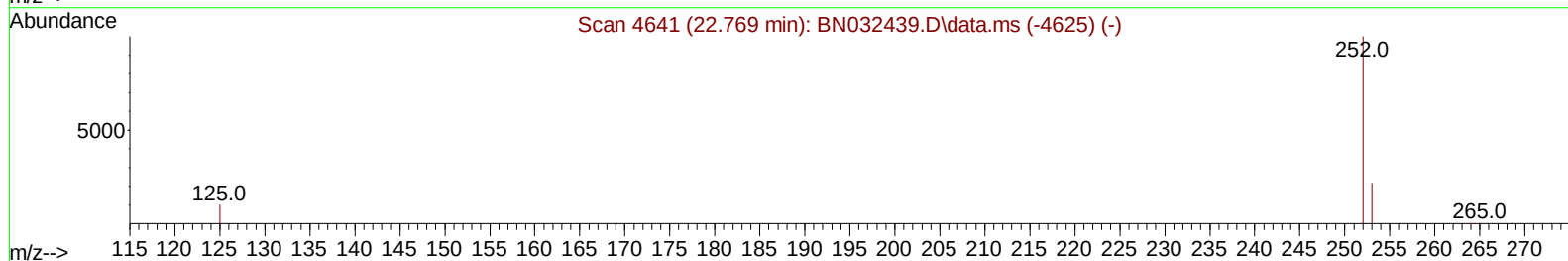
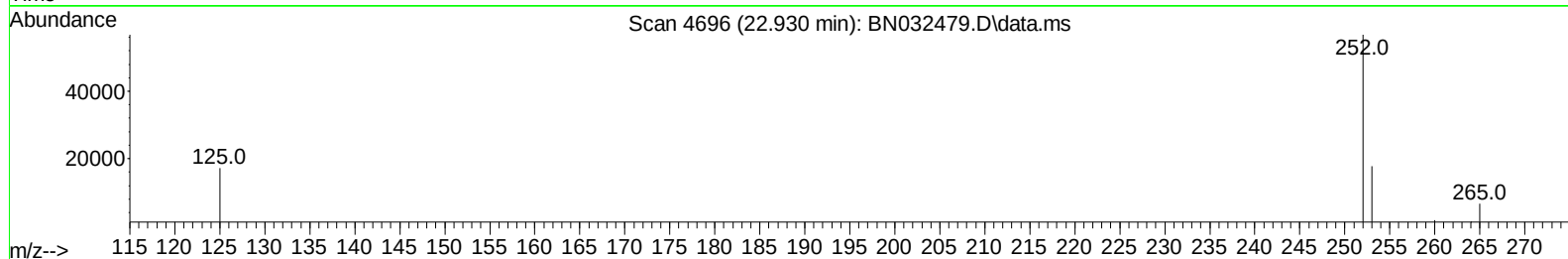
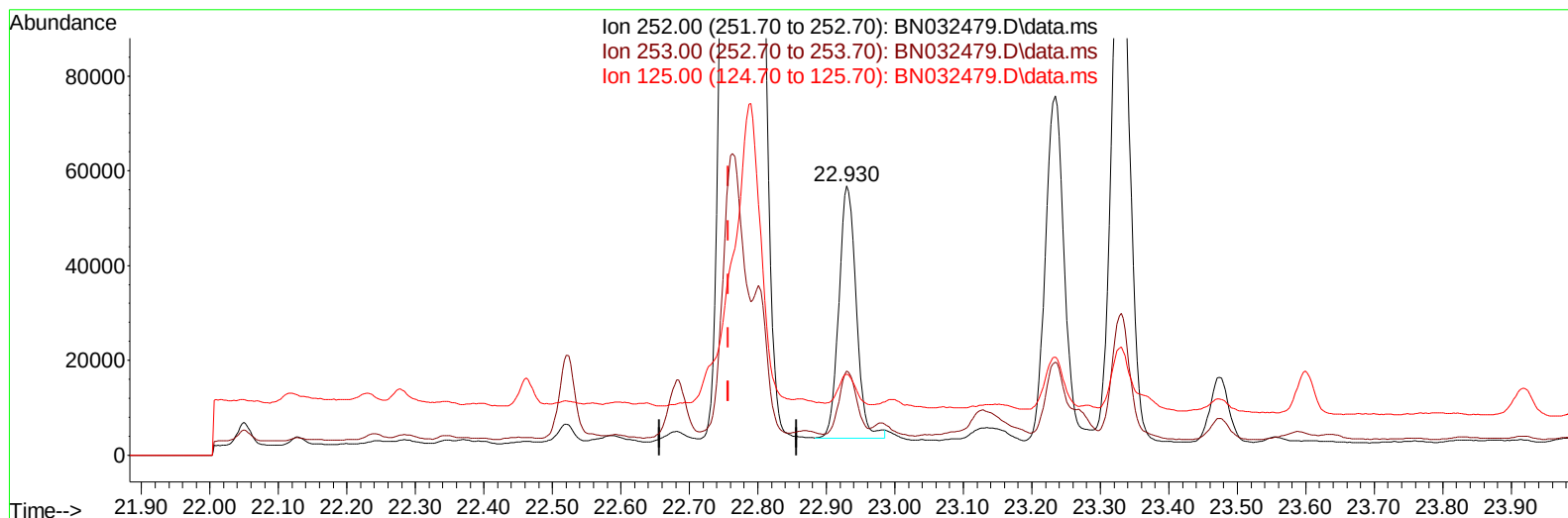
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(24) Benzo(b)fluoranthene

22.930min (+ 0.173) 0.92 ng/u1

response 93571

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	31.16
125.00	16.00	30.19
0.00	0.00	0.00

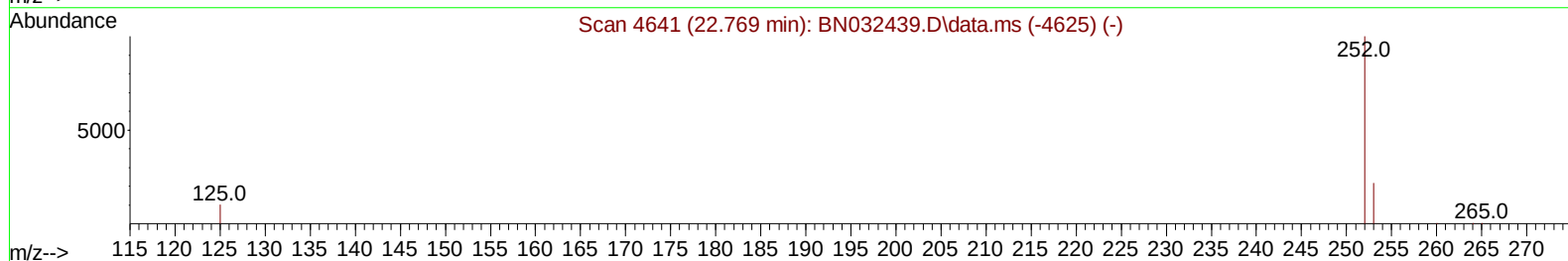
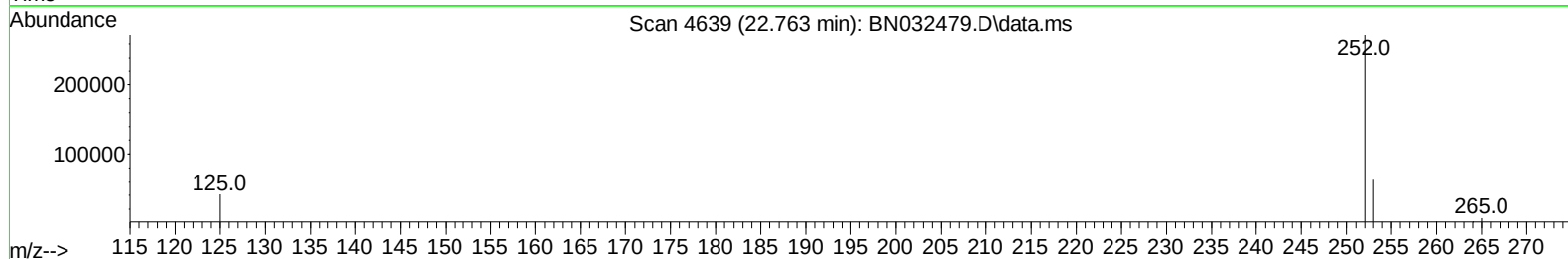
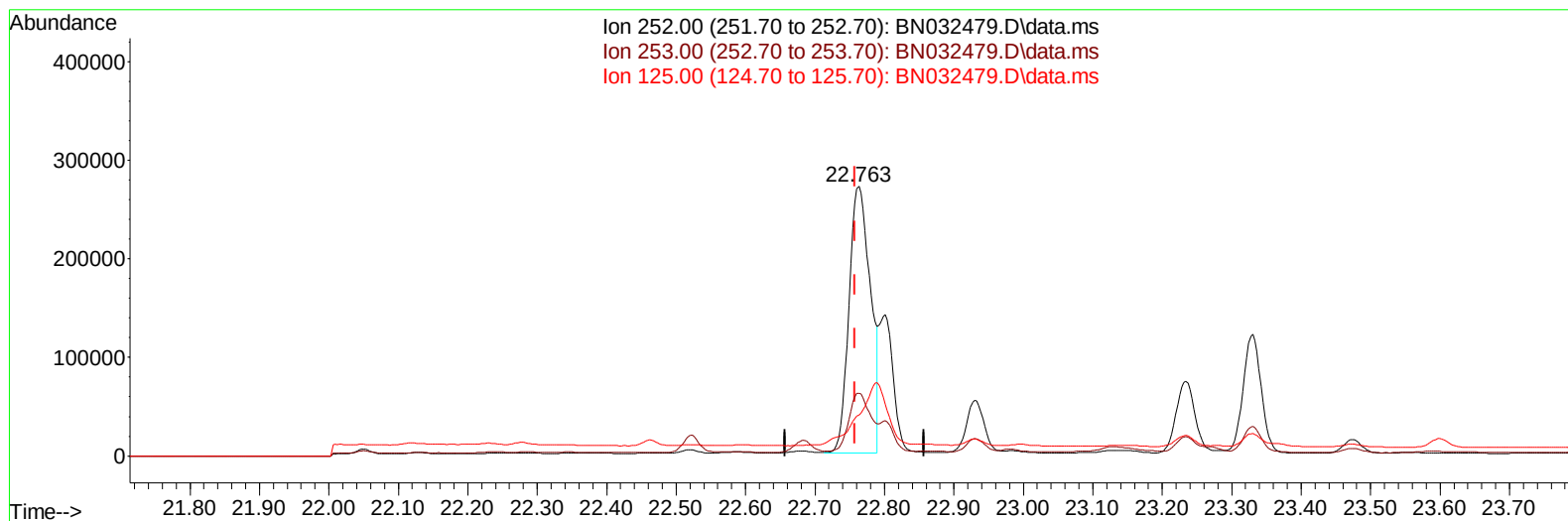
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032479.D
 Acq On : 04 Jul 2024 18:10
 Operator : MA/JU
 Sample : P2963-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (+ 0.006) 5.78 ng/ul m

response 586271

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.30
125.00	16.00	15.32
0.00	0.00	0.00

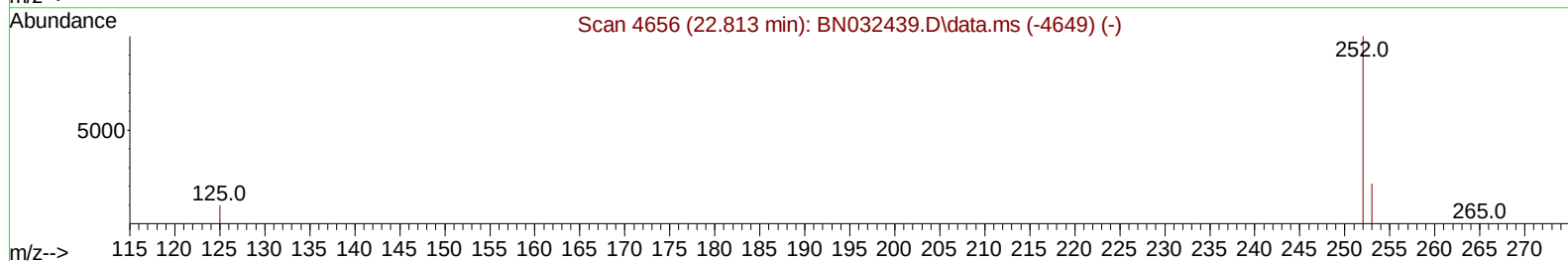
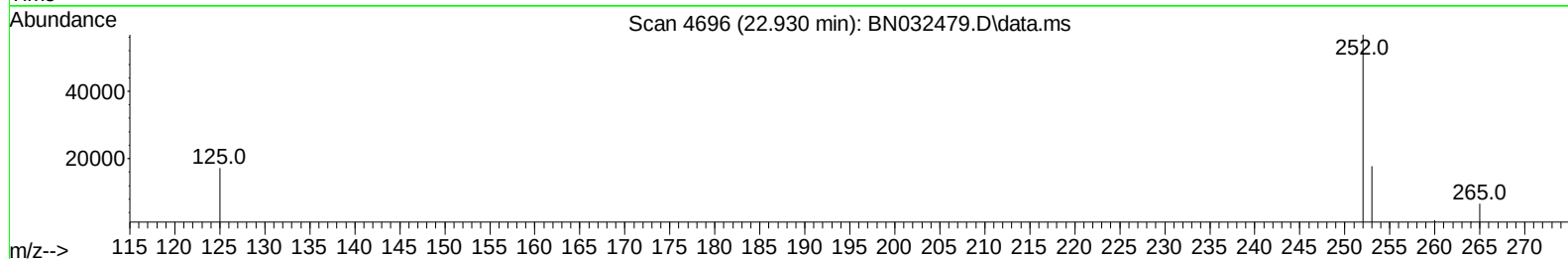
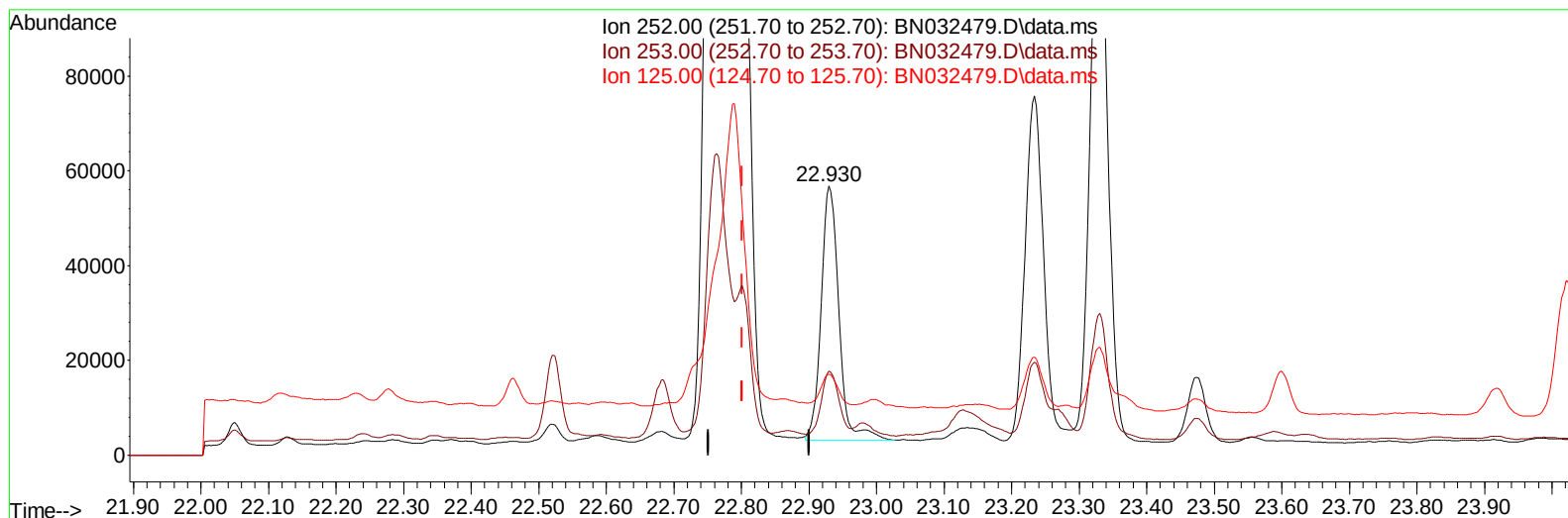
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(25) Benzo(k)fluoranthene

22.930min (+ 0.129) 0.99 ng/u1

response 98022

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	31.16#
125.00	16.00	30.19#
0.00	0.00	0.00

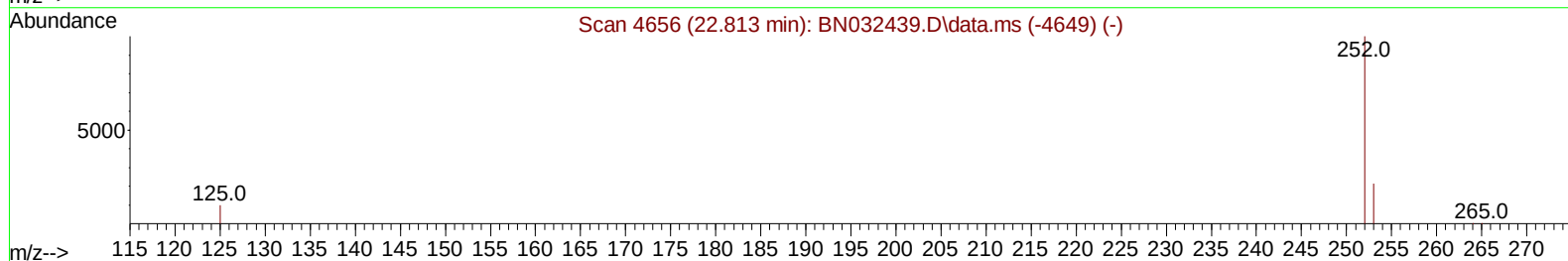
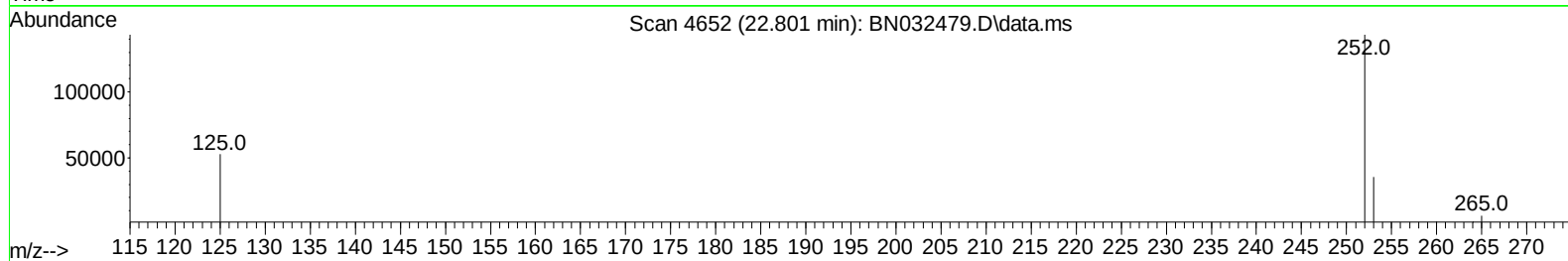
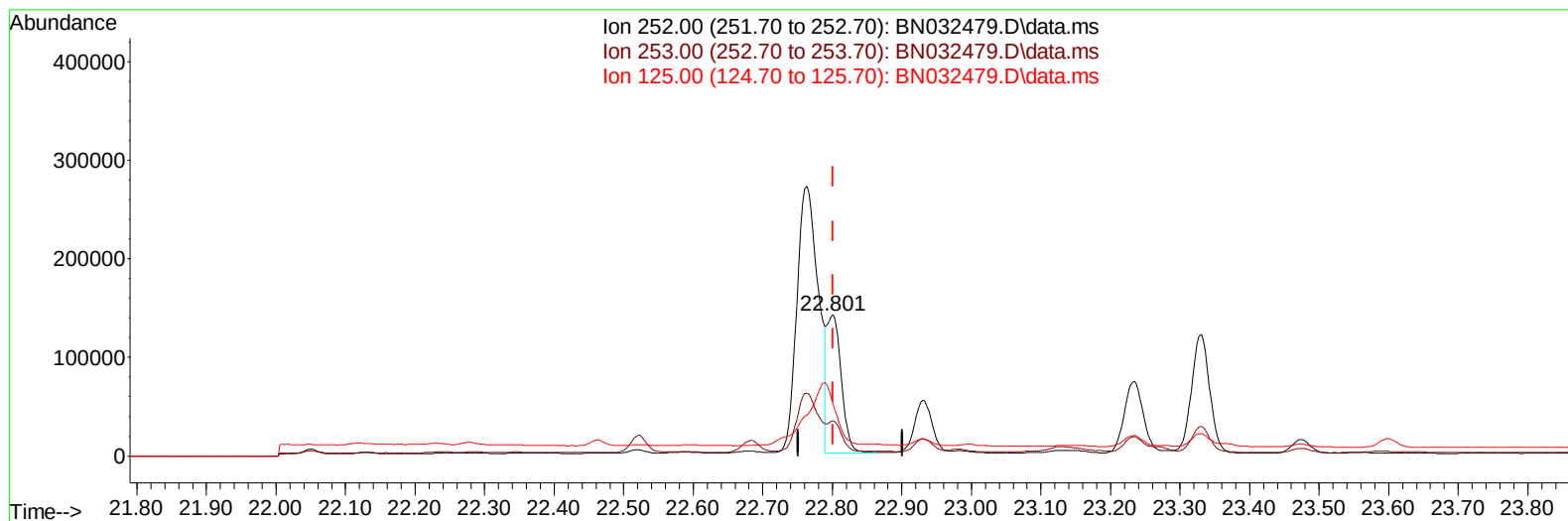
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (+ 0.000) 2.02 ng/ul m

response 199219

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.94
125.00	16.00	36.90#
0.00	0.00	0.00

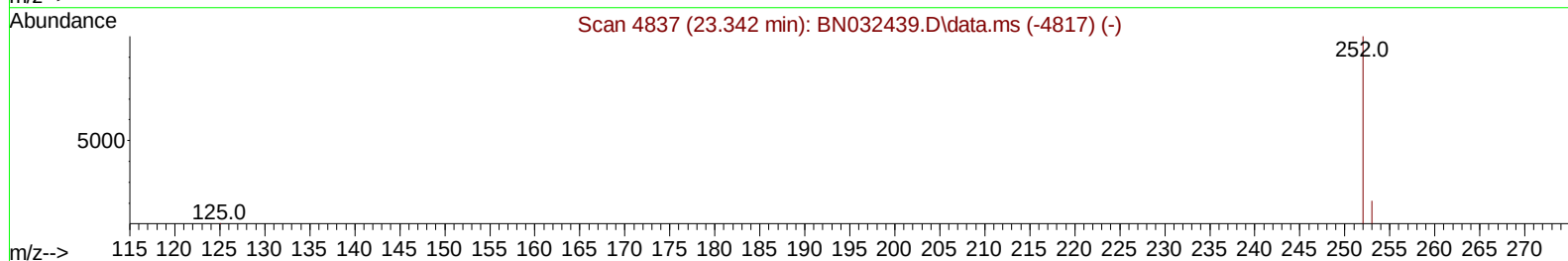
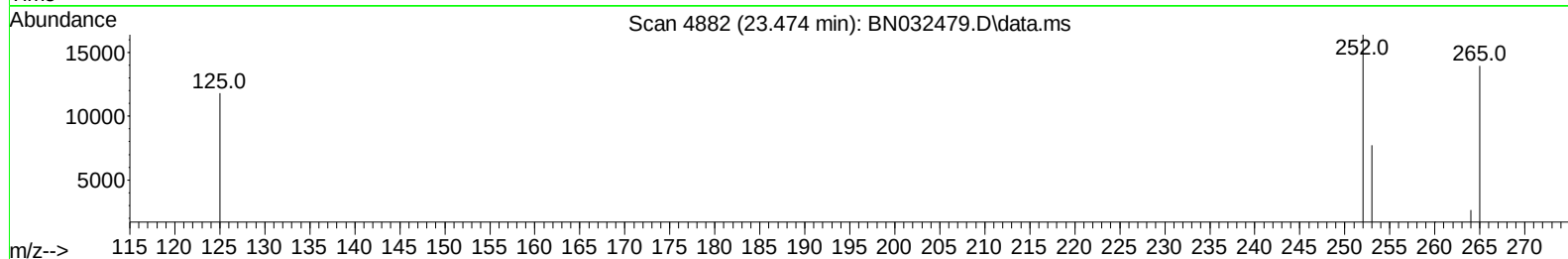
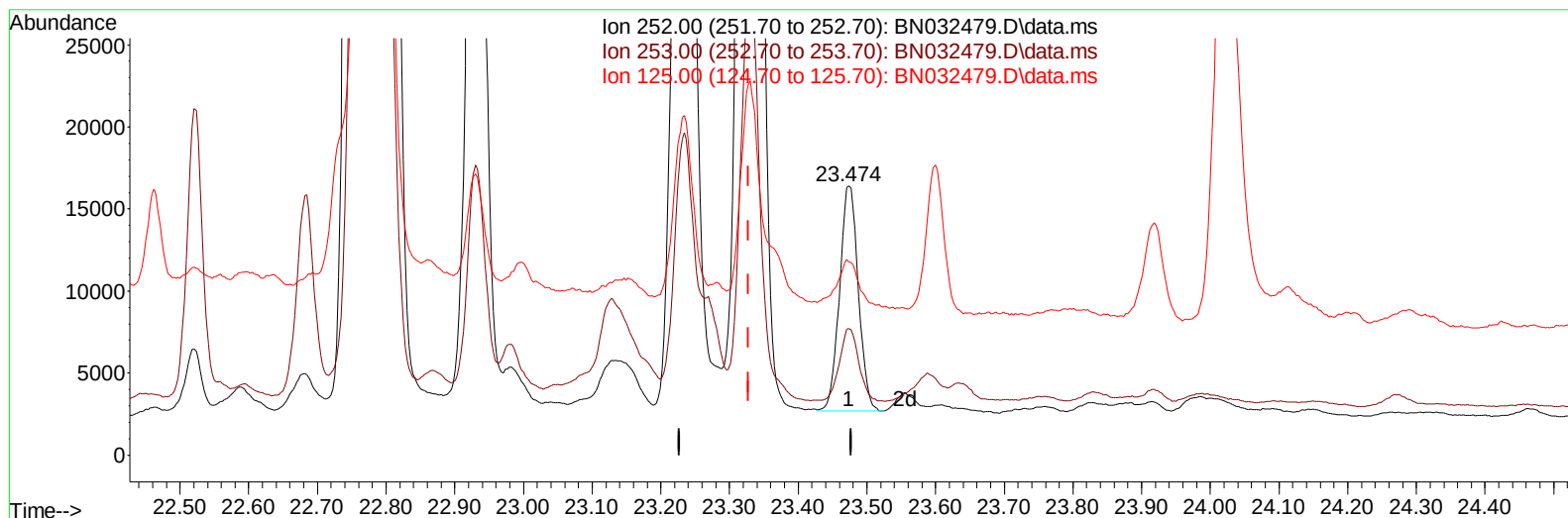
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(26) Benzo(a)pyrene (C)

23.474min (+ 0.146) 0.37 ng/u1

response 26087

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	47.05#
125.00	20.50	71.91#
0.00	0.00	0.00

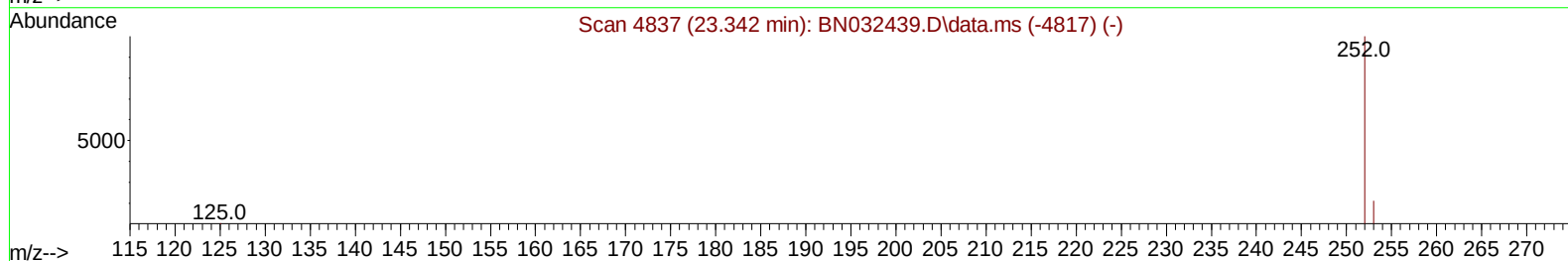
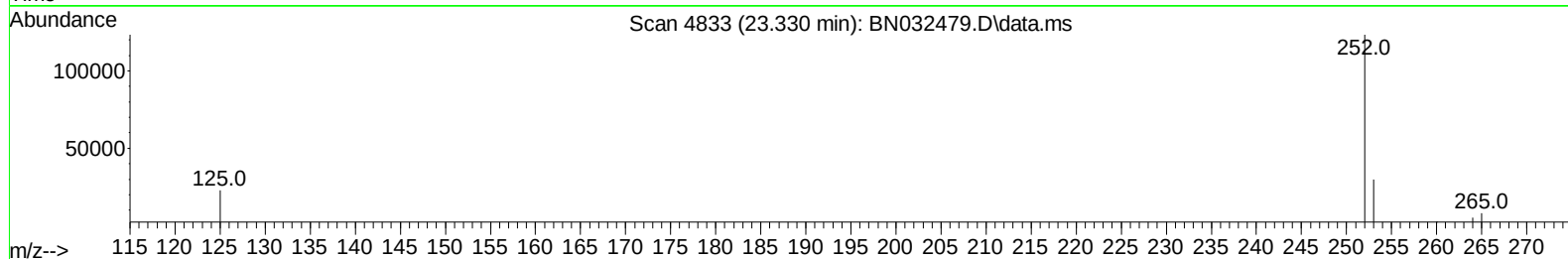
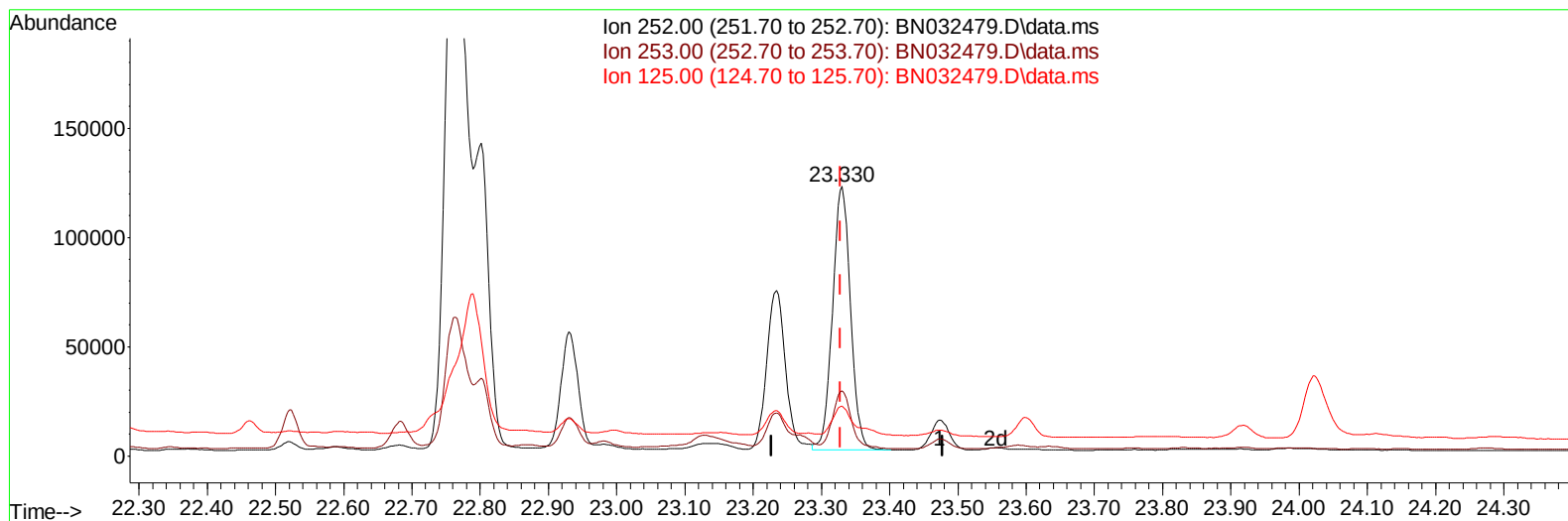
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(26) Benzo(a)pyrene (C)

23.330min (+ 0.003) 3.13 ng/ul m

response 220620

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	24.22
125.00	20.50	18.51
0.00	0.00	0.00

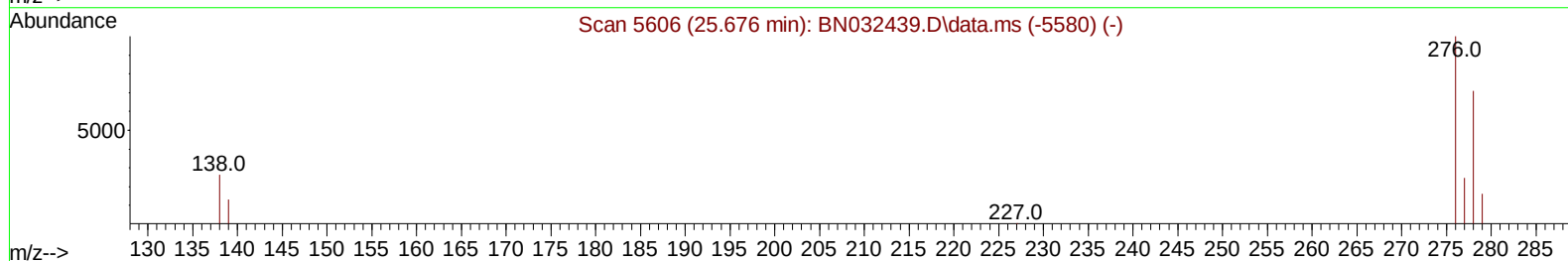
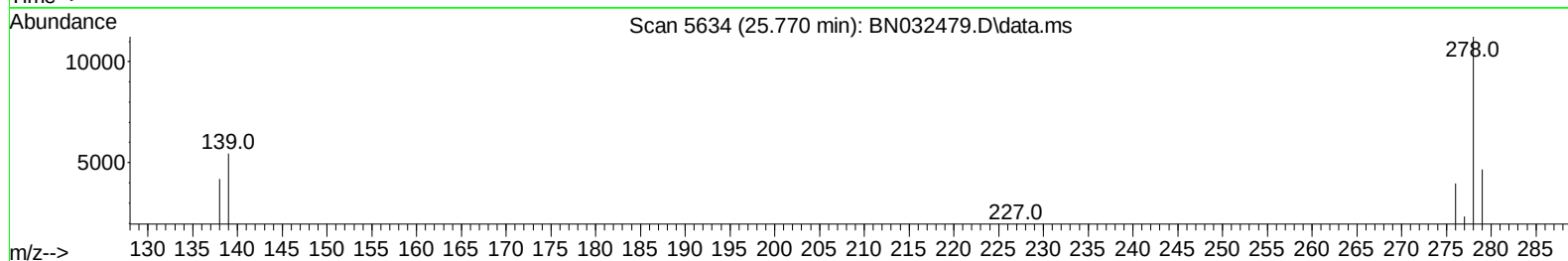
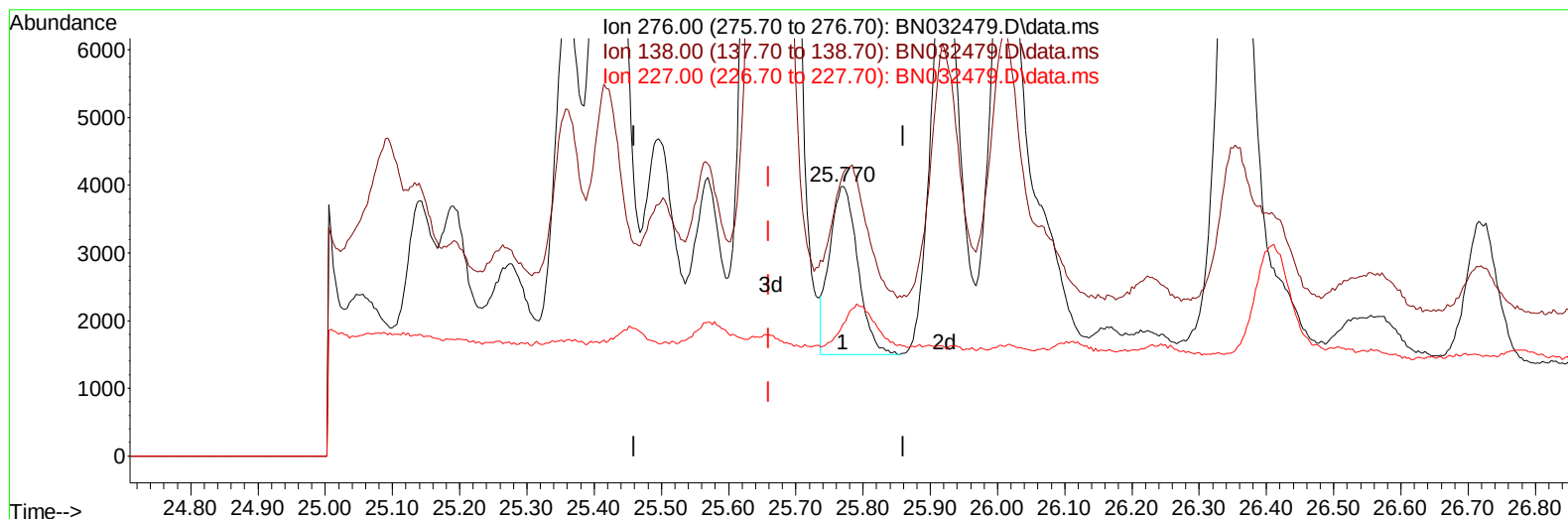
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Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
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TIC: BN032479.D\data.ms

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

25.770min (+ 0.111) 0.07 ng/u1

response 7238

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	0.00#
227.00	0.10	0.00#
0.00	0.00	0.00

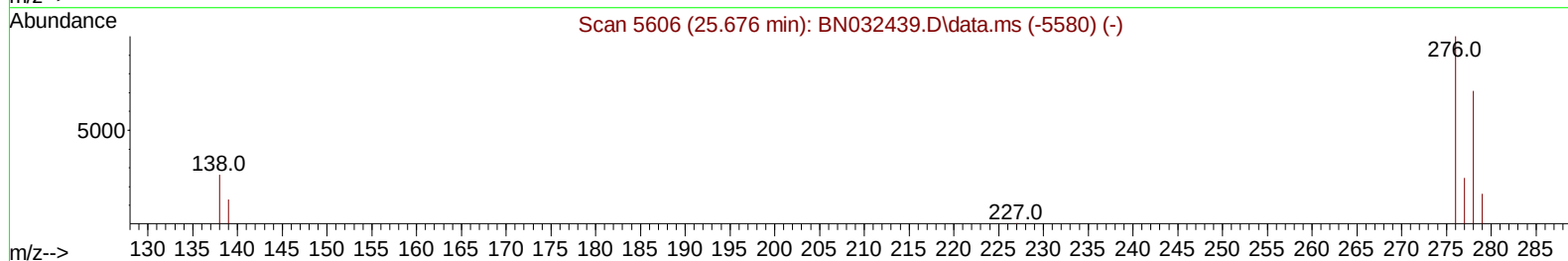
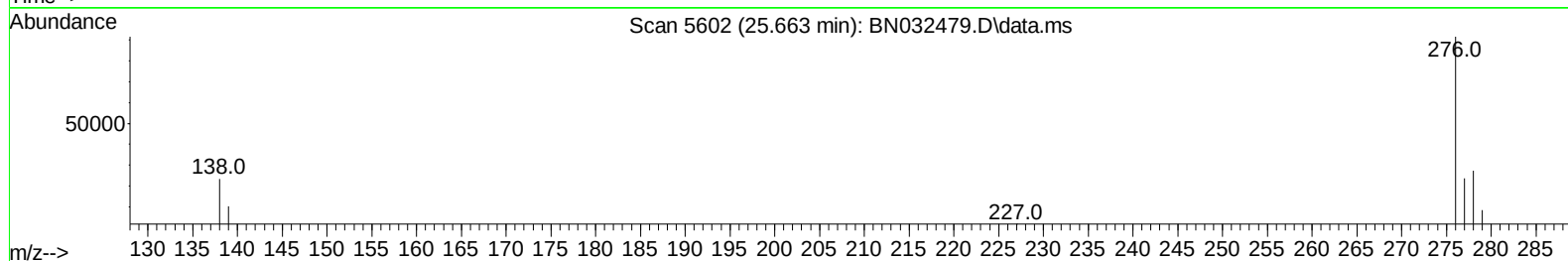
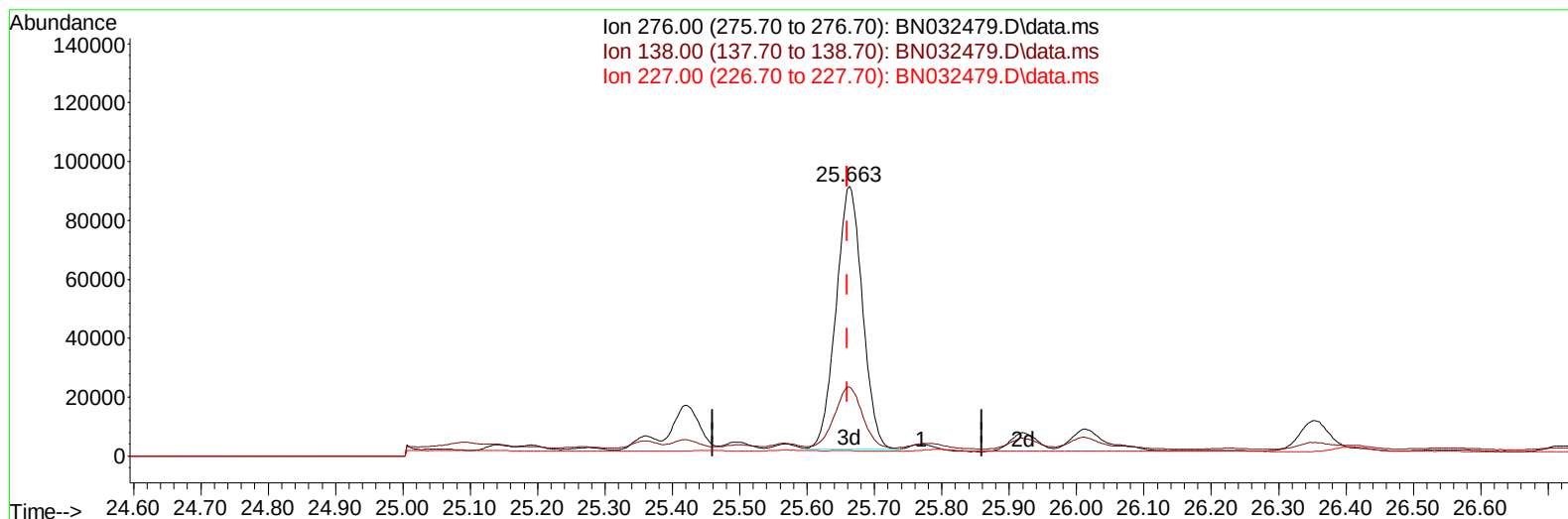
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

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

25.663min (+ 0.003) 2.20 ng/ul m

response 243334

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	0.00#
227.00	0.10	0.00#
0.00	0.00	0.00

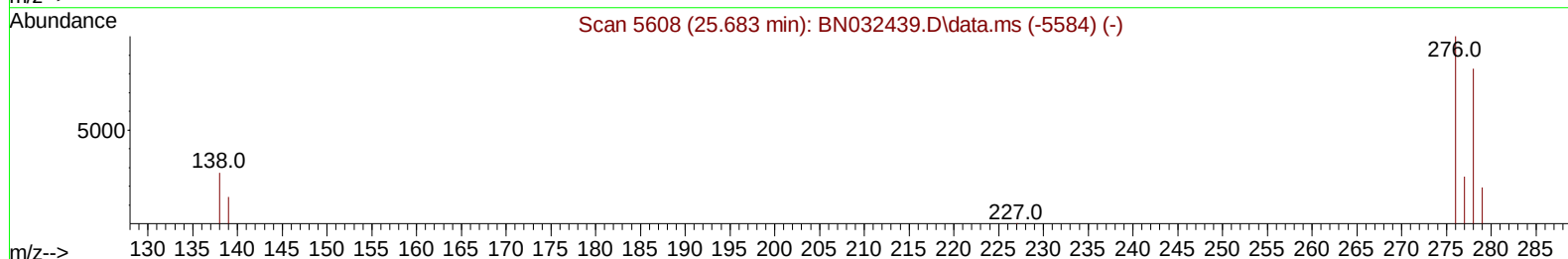
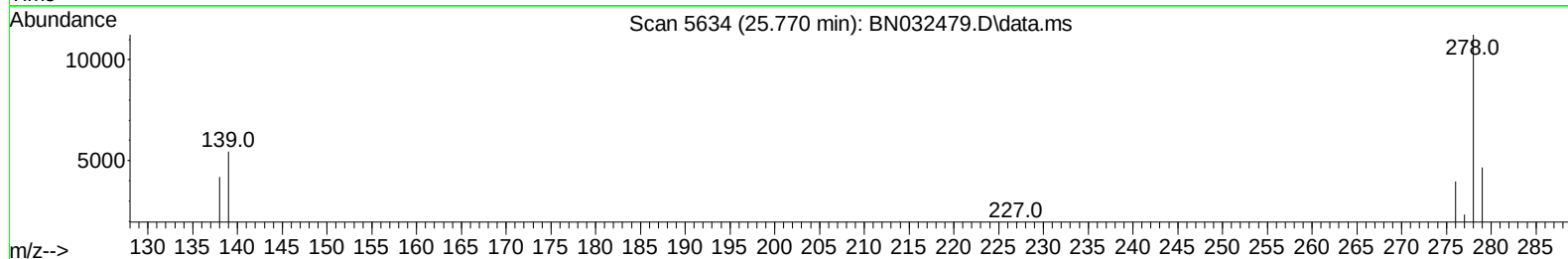
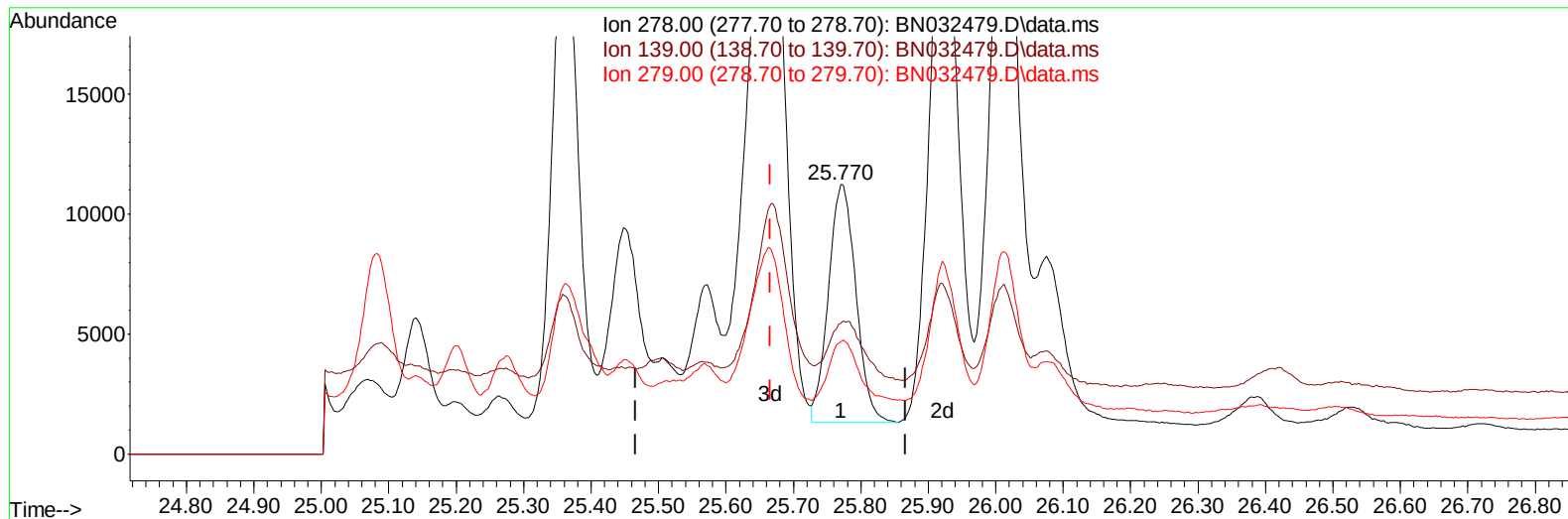
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(28) Dibenzo(a,h)anthracene

25.770min (+ 0.104) 0.34 ng/u1

response 27985

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	48.57#
279.00	26.40	41.58#
0.00	0.00	0.00

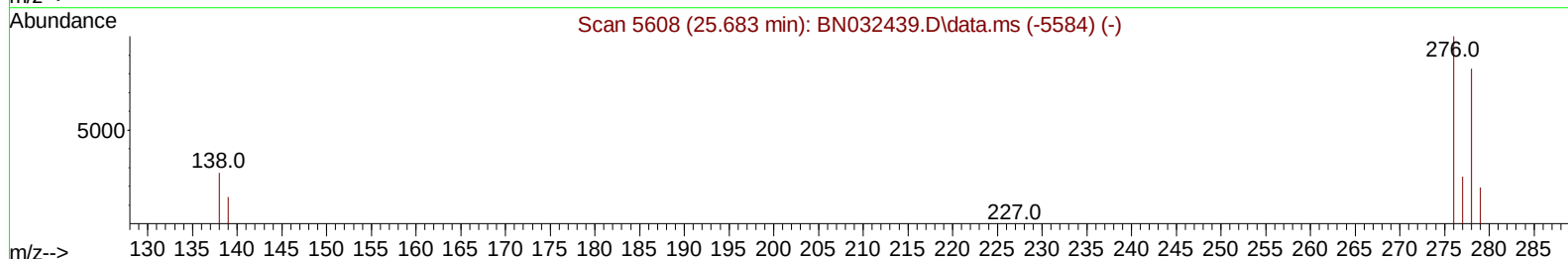
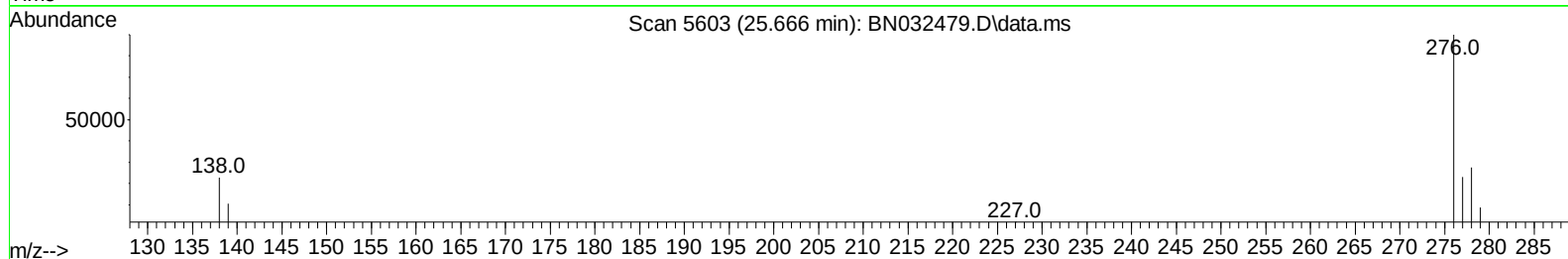
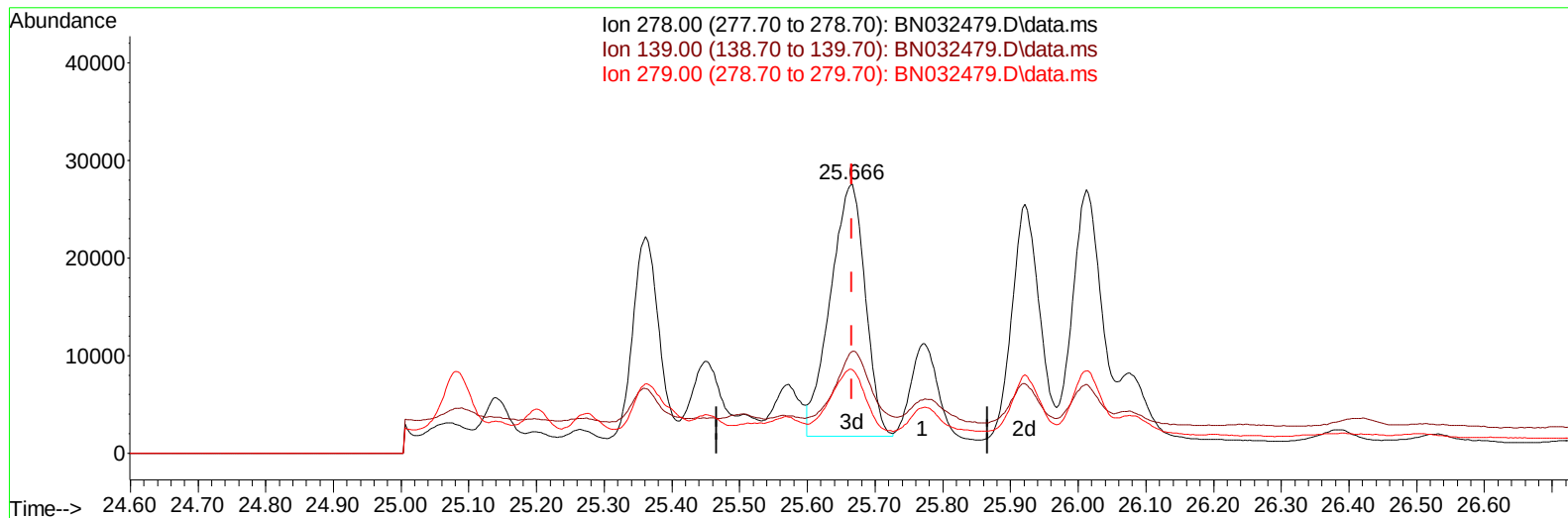
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

(28) Dibenzo(a,h)anthracene

25.666min (+ 0.000) 1.13 ng/ul m

response 92545

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	37.78#
279.00	26.40	30.98
0.00	0.00	0.00

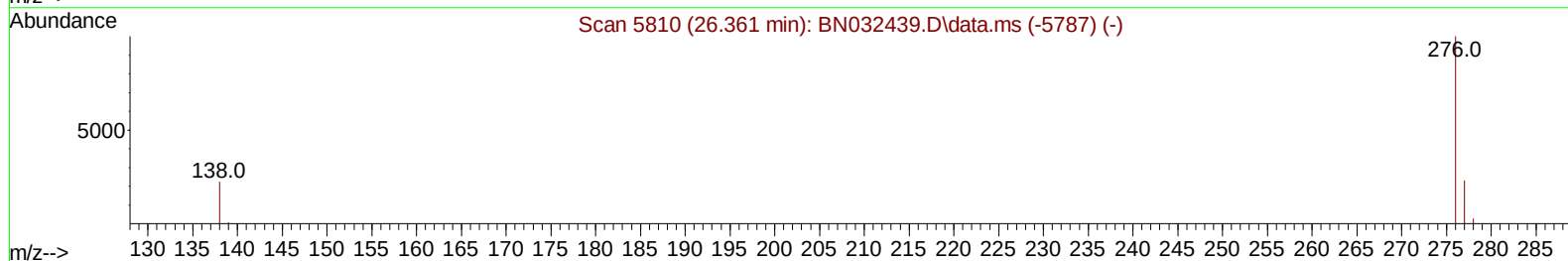
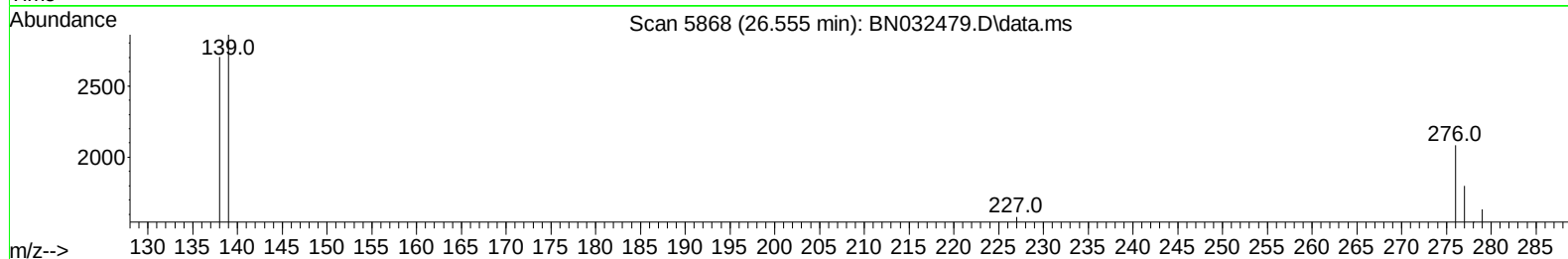
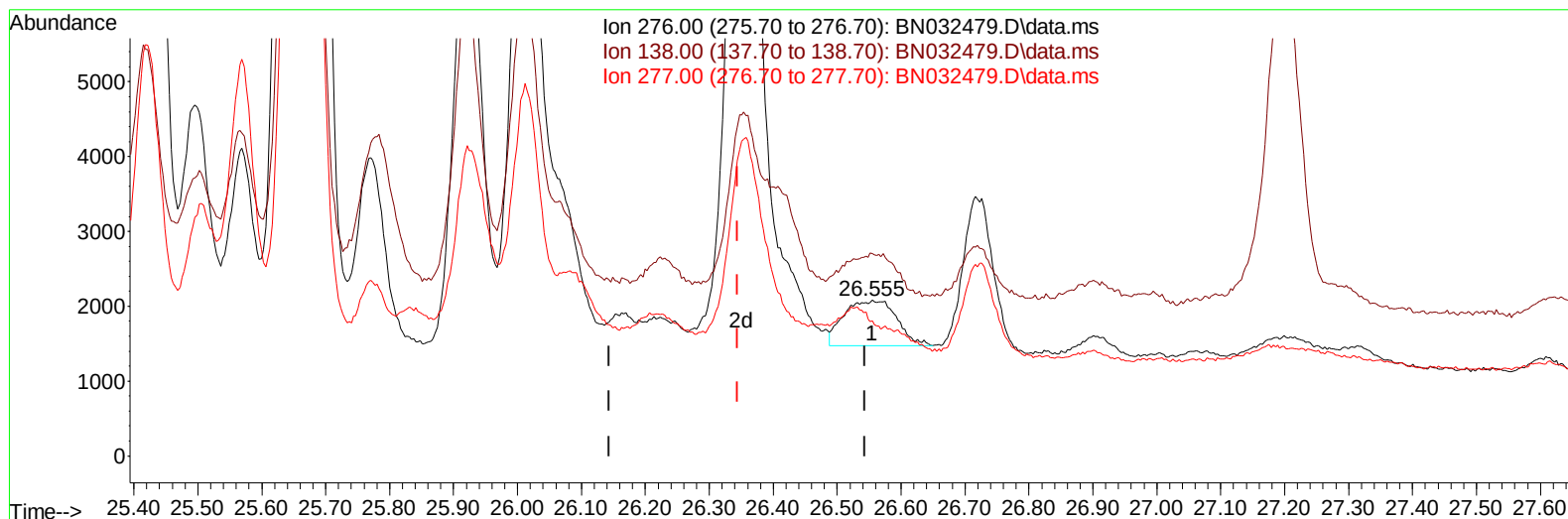
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

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TIC: BN032479.D\data.ms

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

26.555min (+ 0.211) 0.04 ng/u1

response 3437

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	129.92#
277.00	24.70	86.46#
0.00	0.00	0.00

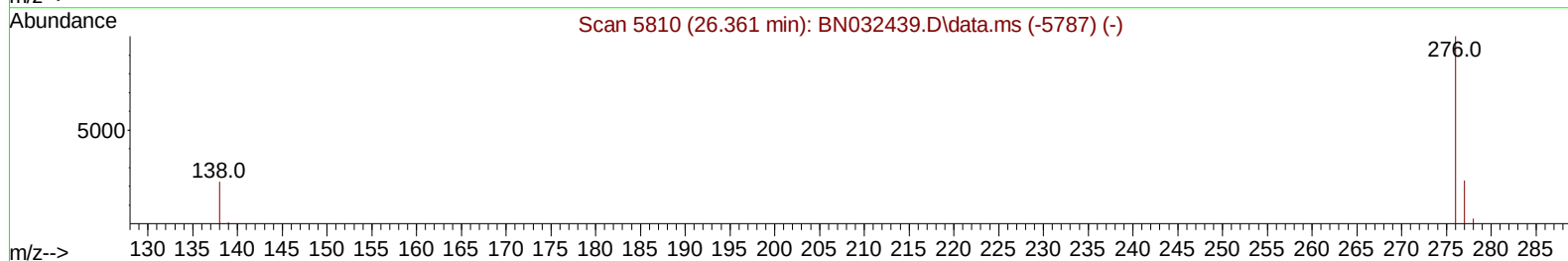
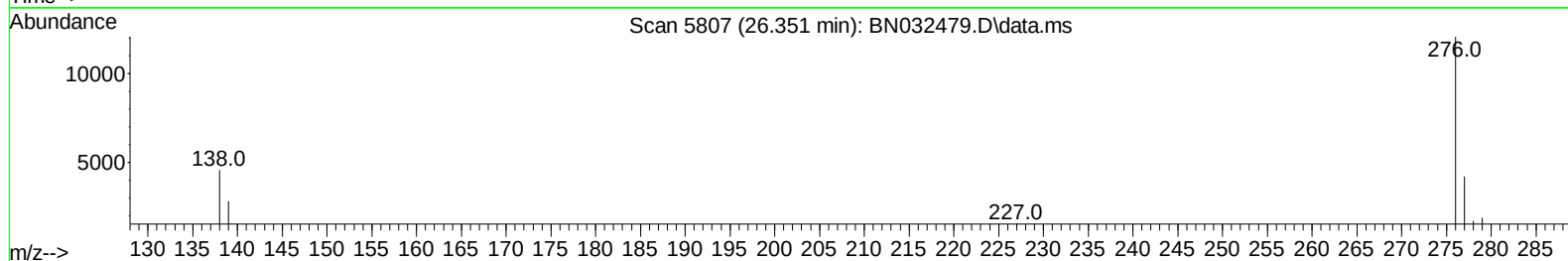
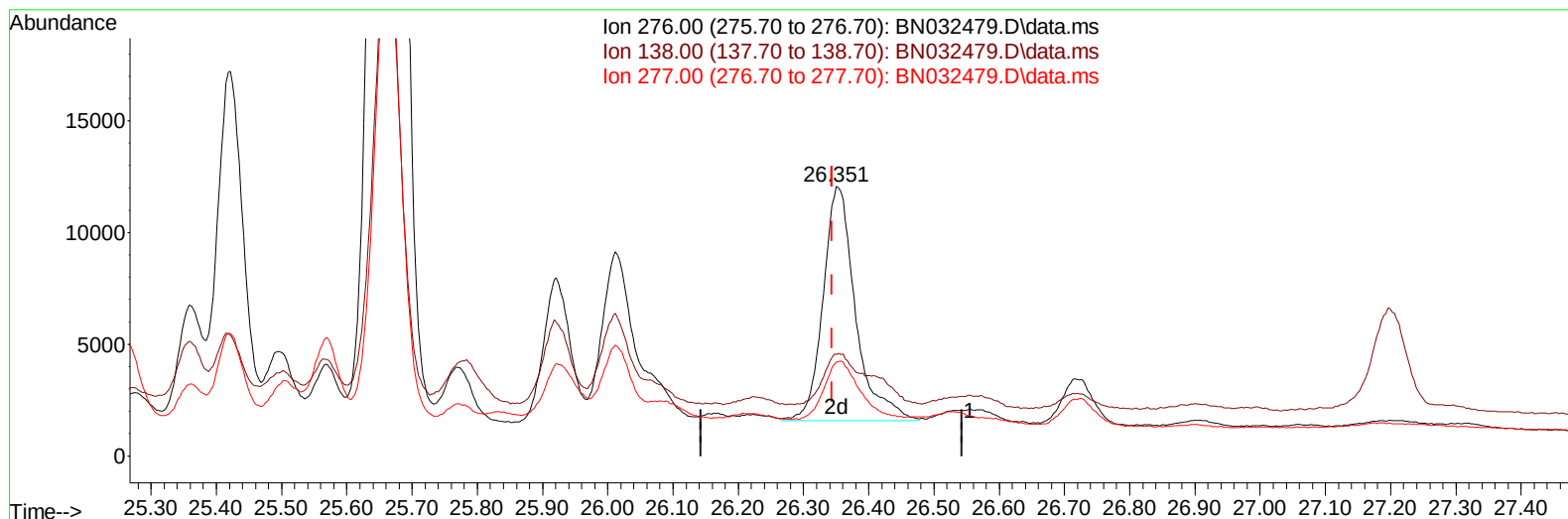
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032479.D\data.ms

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

26.351min (+ 0.007) 0.41 ng/ul m

response 36197

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	37.74#
277.00	24.70	34.84#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032479.D
 Acq On : 04 Jul 2024 18:10
 Operator : MA/JU
 Sample : P2963-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

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 QLast Update : Wed Jul 03 03:26:42 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	8295	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	24959	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	13971	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	24951m	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	18229m	0.400	ng/ul	0.00
23) Perylene-d12	23.427	264	23354m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	35952	3.899	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	9824	0.262	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	16400m	0.299	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.420	128	42122	0.638	ng/ul	100
7) 2-Methylnaphthalene	12.043	142	15978	0.365	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	9805	0.216	ng/ul	99
10) Acenaphthylene	13.966	152	65929	1.135	ng/ul	99
11) Acenaphthene	14.309	153	14932	0.331	ng/ul	99
12) Fluorene	15.299	166	19642	0.366	ng/ul#	98
14) Pentachlorophenol	16.670	266	329m	0.058	ng/ul	
15) Phenanthrene	17.041	178	413683m	6.047	ng/ul	
16) Anthracene	17.134	178	105089m	1.722	ng/ul	
19) Fluoranthene	19.069	202	711211m	10.246	ng/ul	
20) Pyrene	19.436	202	552819m	7.621	ng/ul	
21) Benzo(a)anthracene	21.191	228	370827m	5.636	ng/ul	
22) Chrysene	21.244	228	437082m	6.053	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	586271m	5.778	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	199219m	2.021	ng/ul	
26) Benzo(a)pyrene	23.330	252	220620m	3.125	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.663	276	243334m	2.201	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	92545m	1.127	ng/ul	
29) Benzo(g,h,i)perylene	26.351	276	36197m	0.411	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032479.D
Acq On : 04 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9

Manual IntegrationsAPPROVED

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