

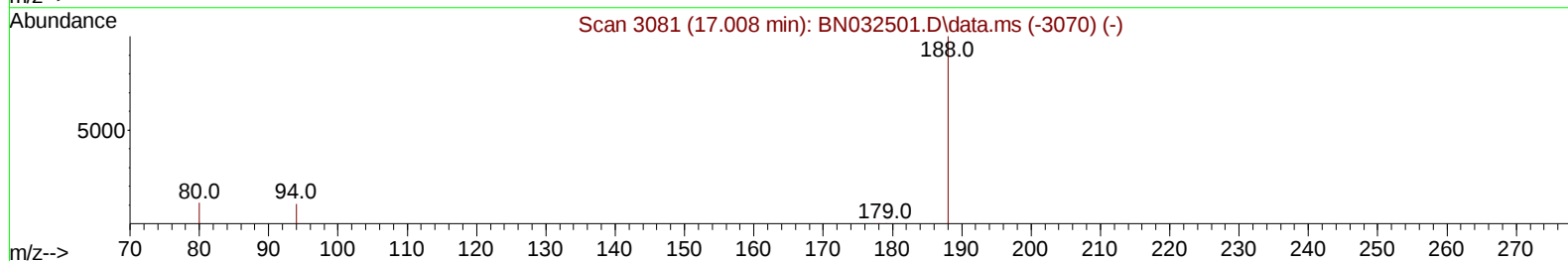
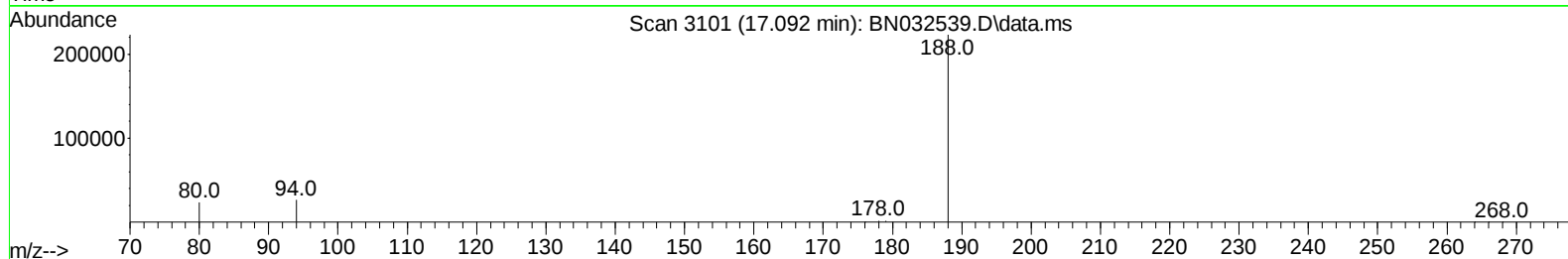
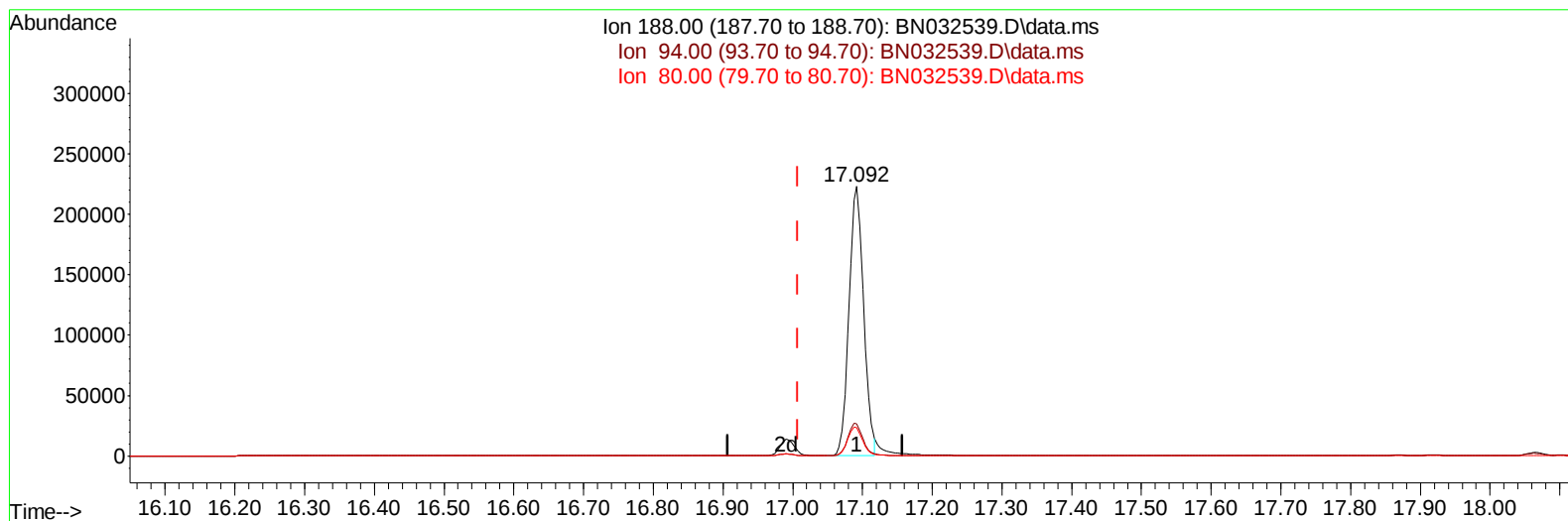
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(13) Phenanthrene-d10 (I)

17.092min (+ 0.084) 0.40 ng/u1

response 323984

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.83
80.00	10.50	10.48
0.00	0.00	0.00

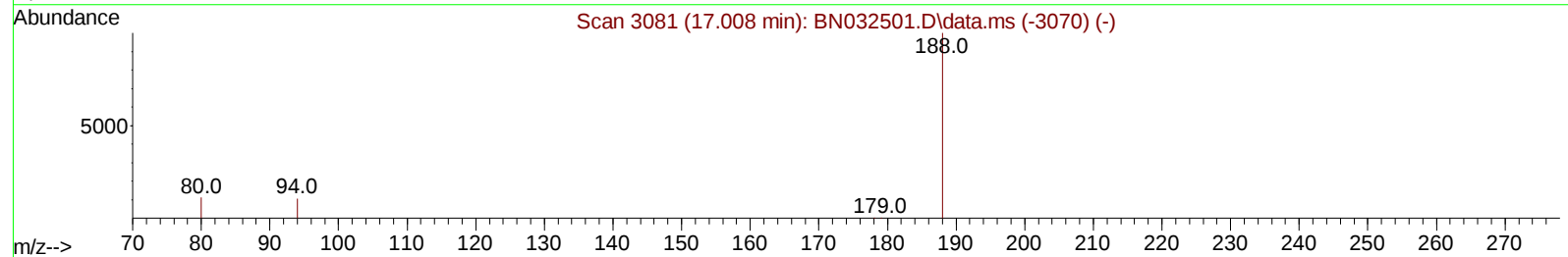
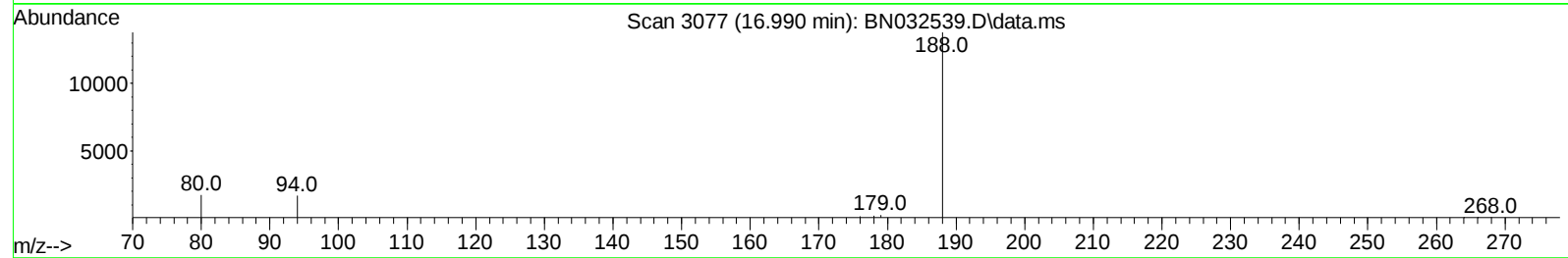
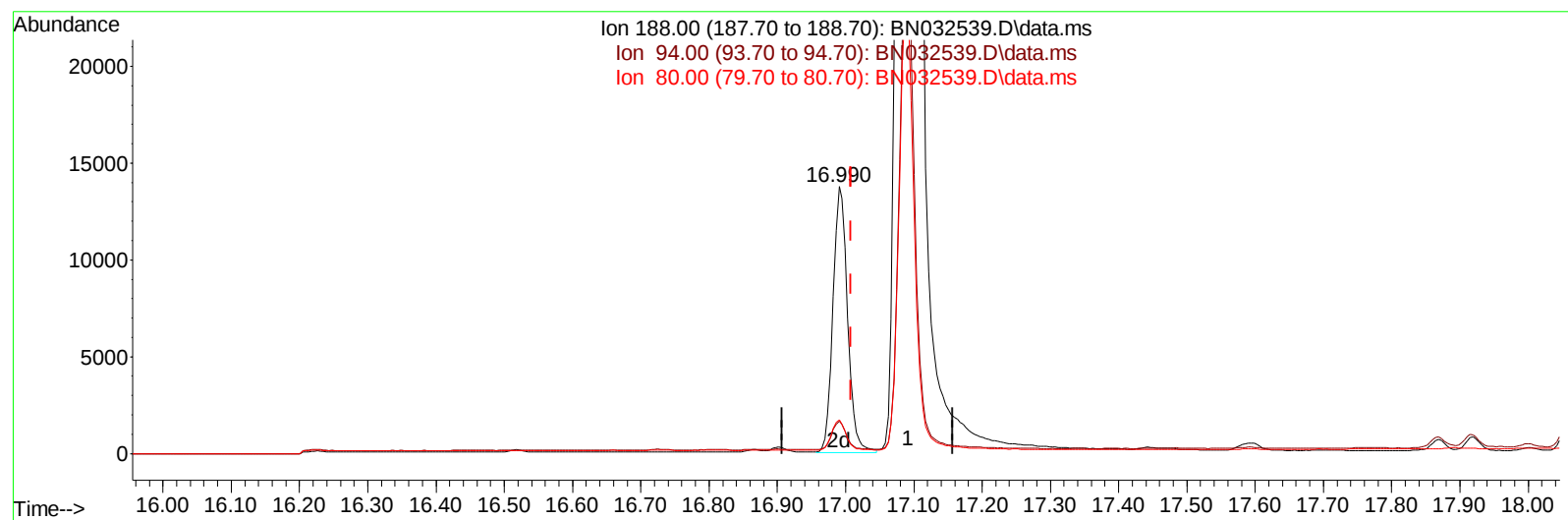
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(13) Phenanthrene-d10 (I)

16.990min (-0.017) 0.40 ng/u1 m

response 20331

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.08
80.00	10.50	12.73#
0.00	0.00	0.00

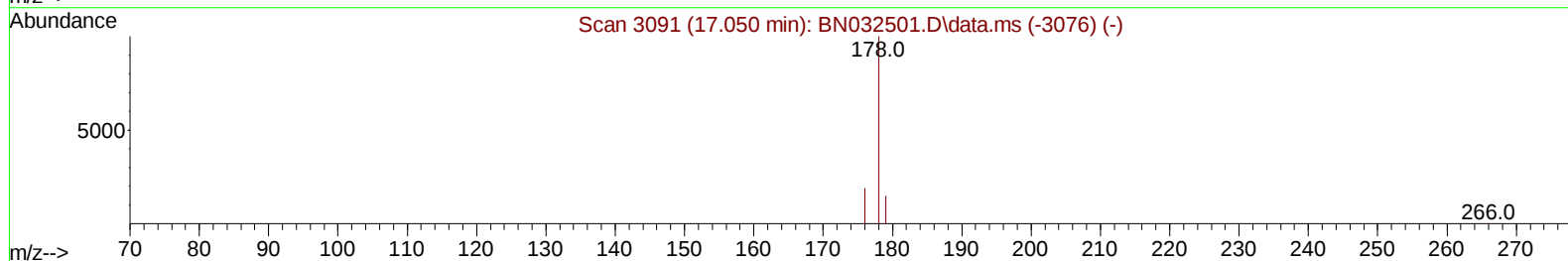
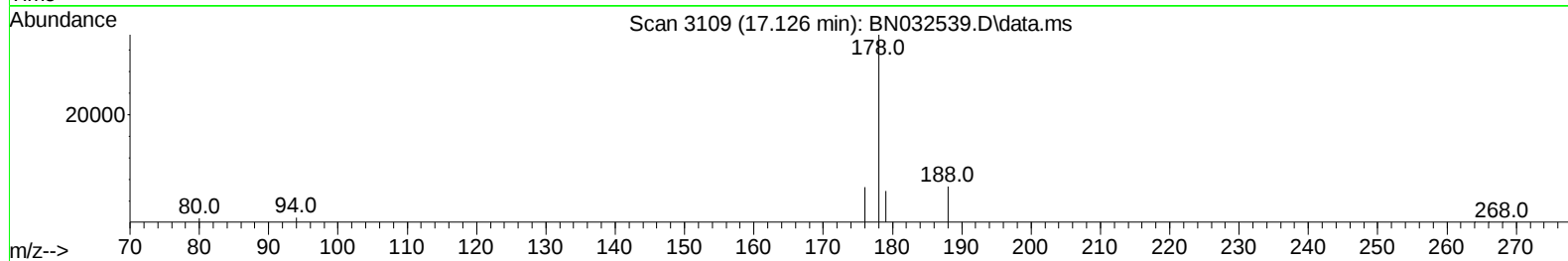
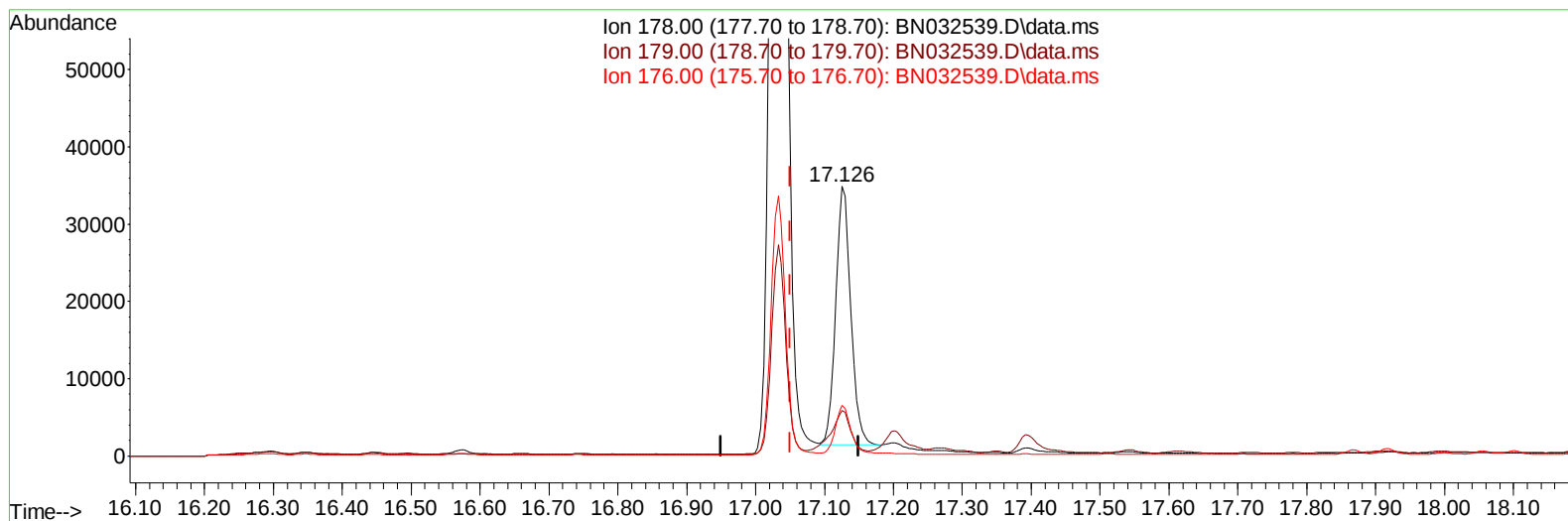
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(15) Phenanthrene

17.126min (+ 0.076) 0.92 ng/u1

response 51066

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.88
176.00	19.50	18.77
0.00	0.00	0.00

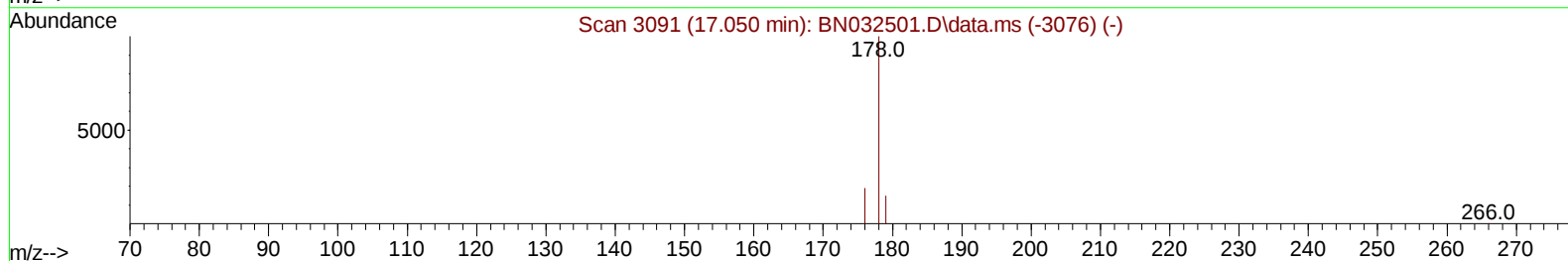
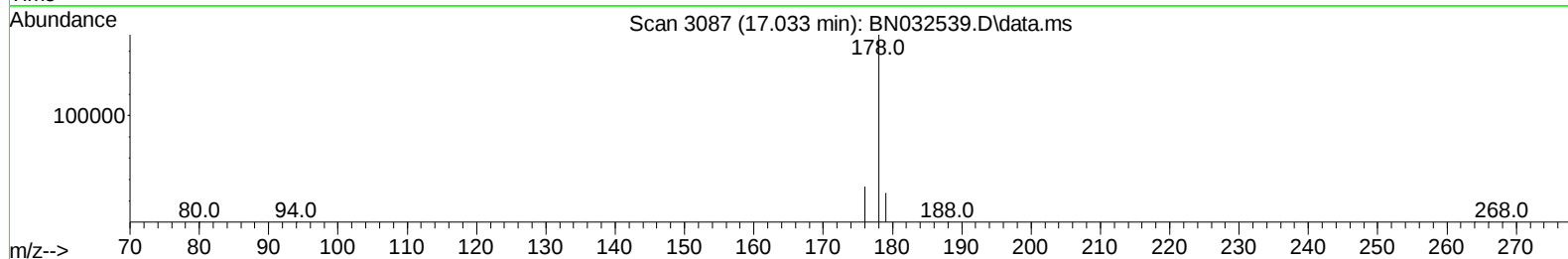
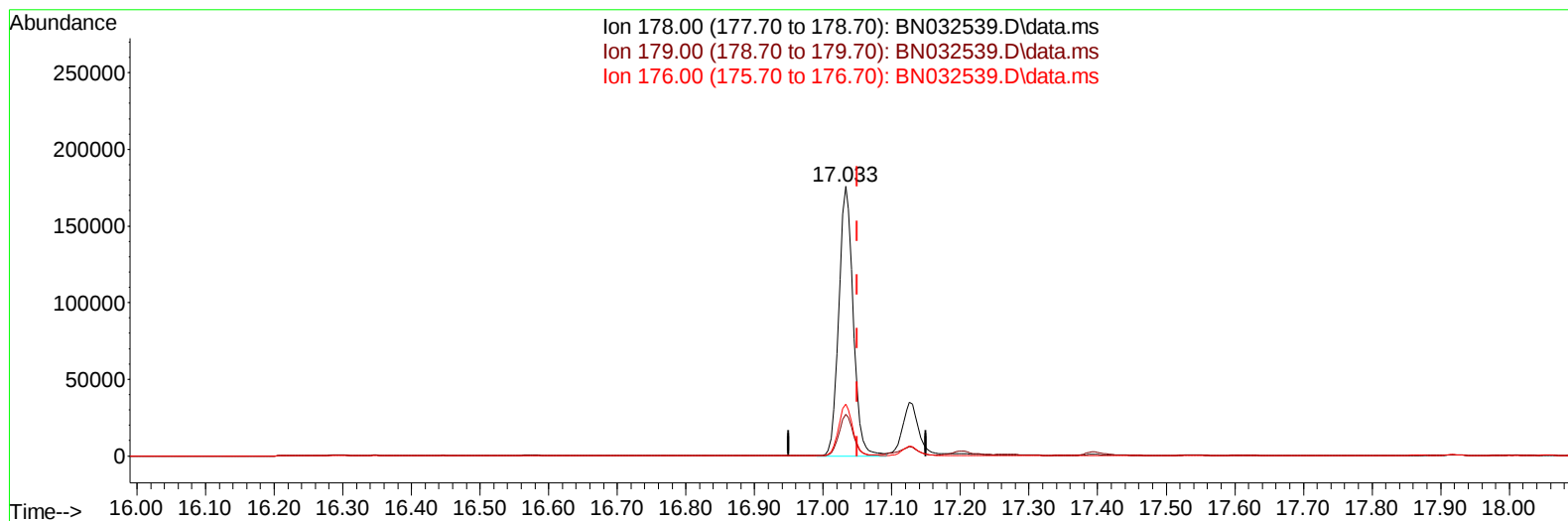
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(15) Phenanthrene

17.033min (-0.017) 4.62 ng/ul m

response 257515

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.54
176.00	19.50	19.14
0.00	0.00	0.00

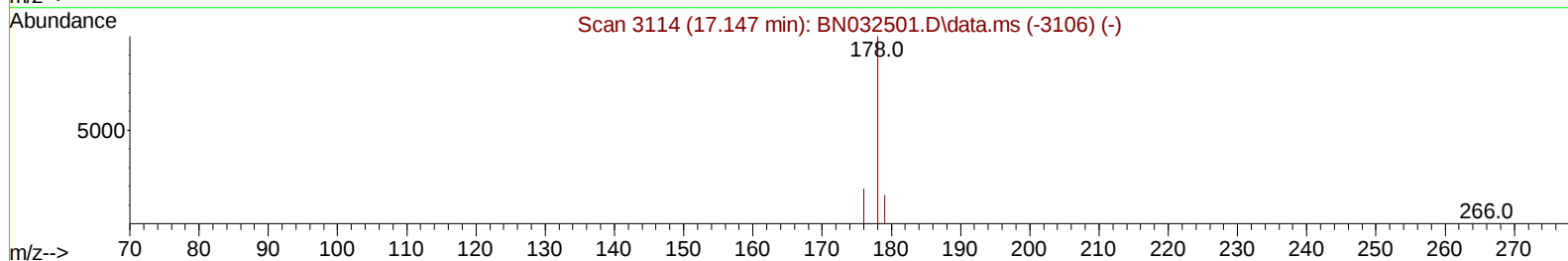
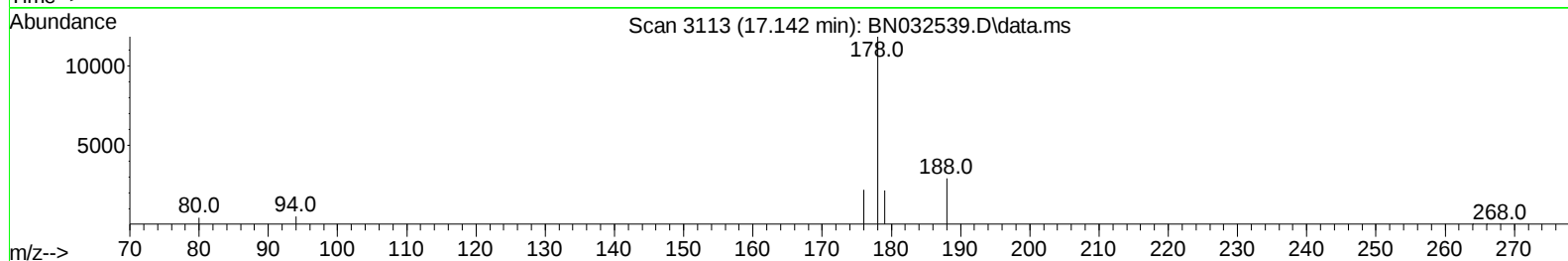
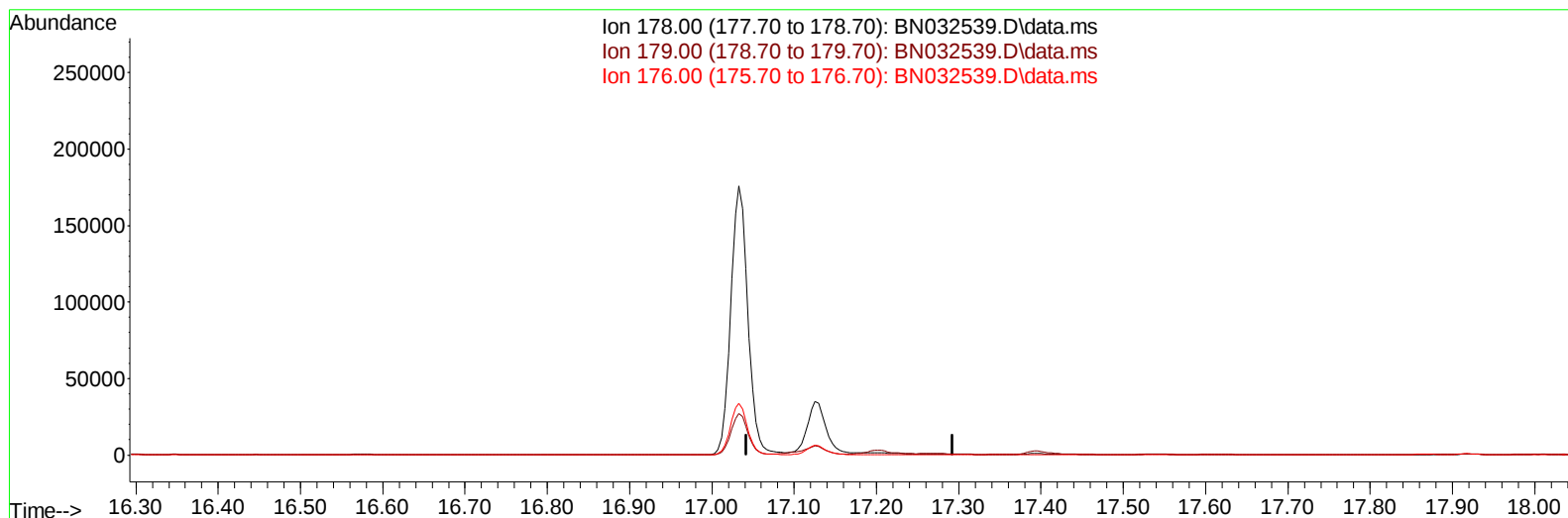
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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
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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(16) Anthracene

17.143min (-17.143) 0.00 ng/u1

response 0

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

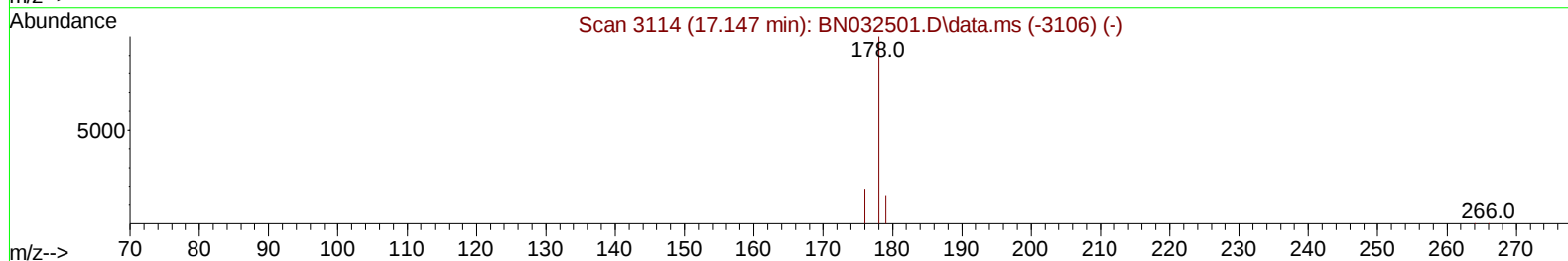
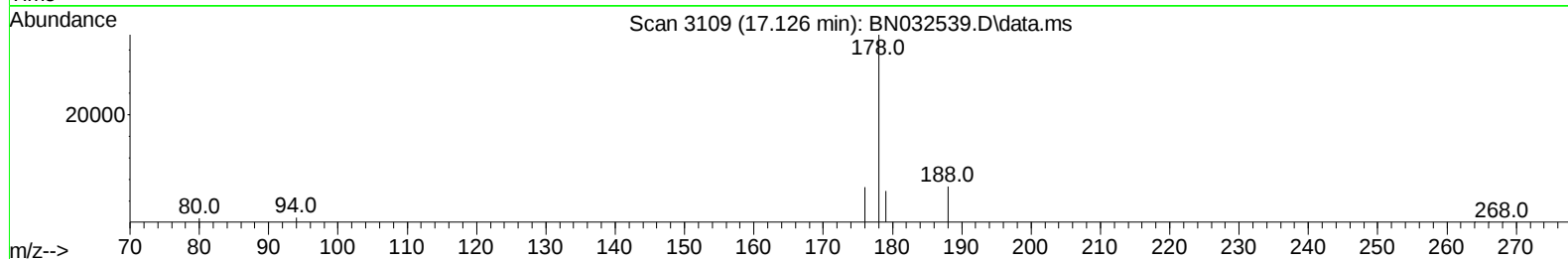
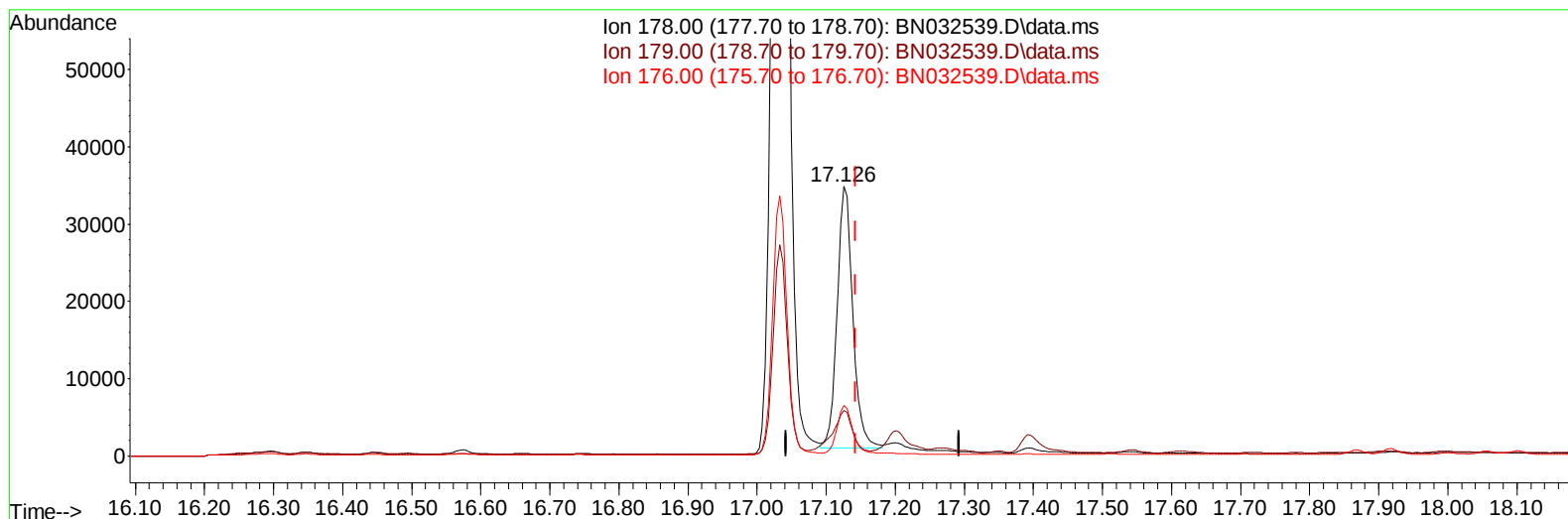
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(16) Anthracene

17.126min (-0.017) 1.07 ng/u1 m

response 53075

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.88
176.00	18.80	18.77
0.00	0.00	0.00

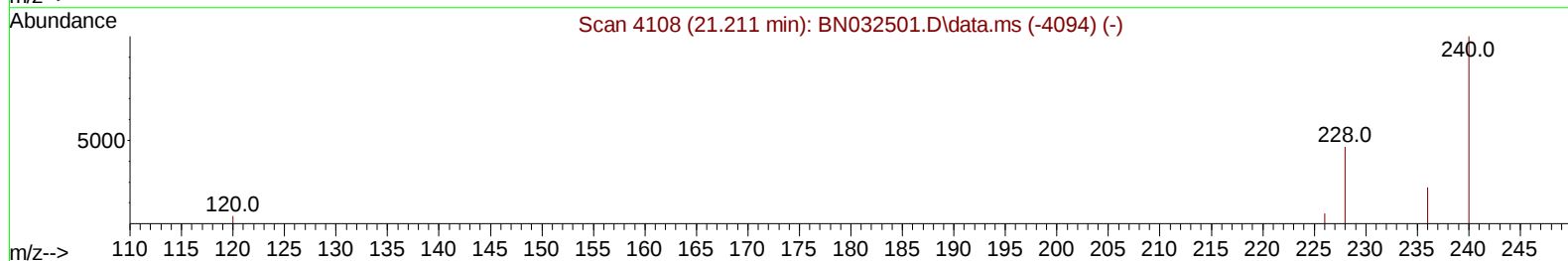
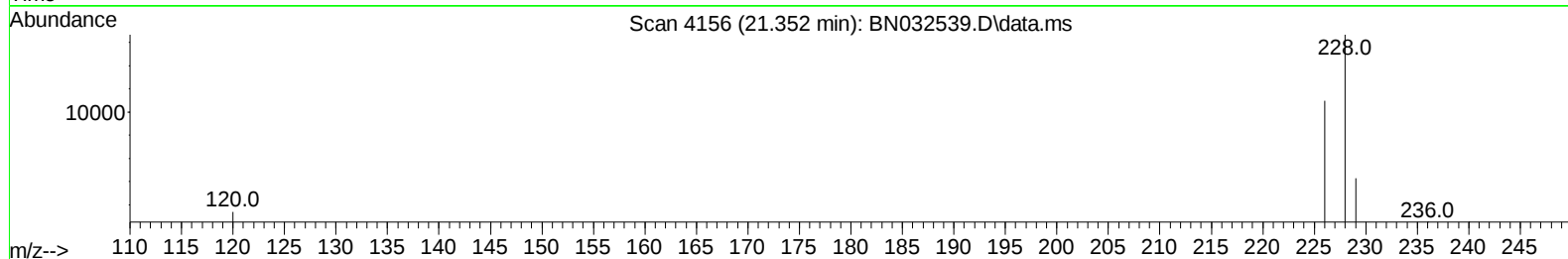
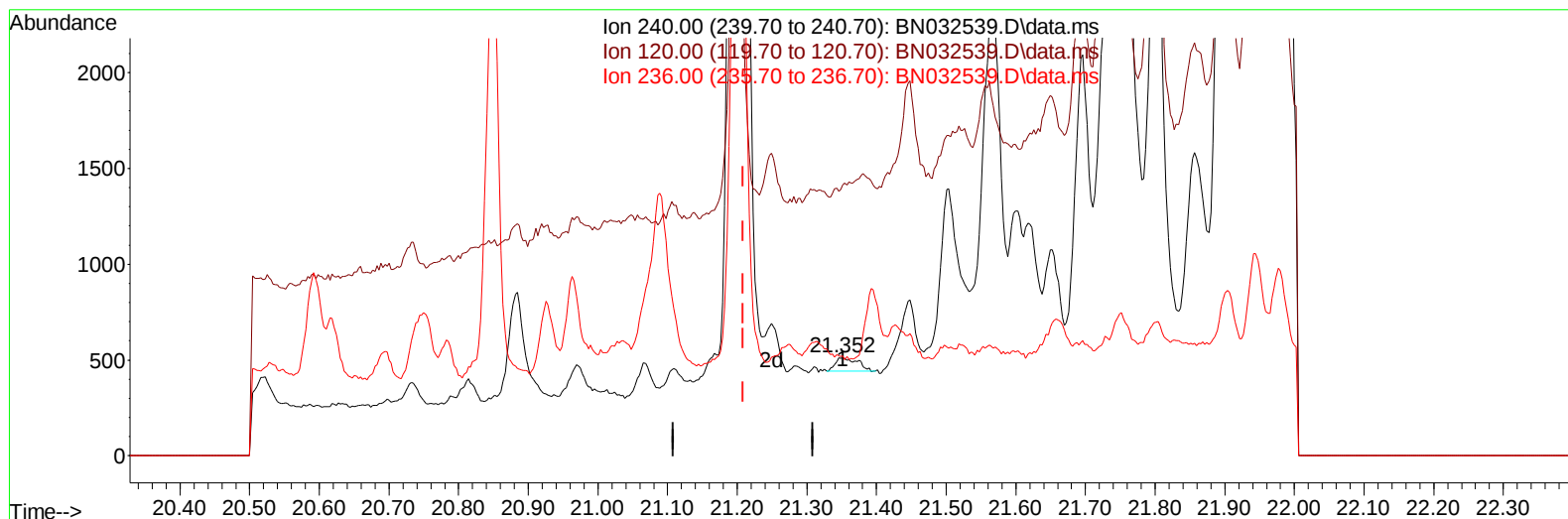
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(17) Chrysene-d12

21.352min (+ 0.143) 0.40 ng/u1

response 155

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	275.24#
236.00	28.40	101.95#
0.00	0.00	0.00

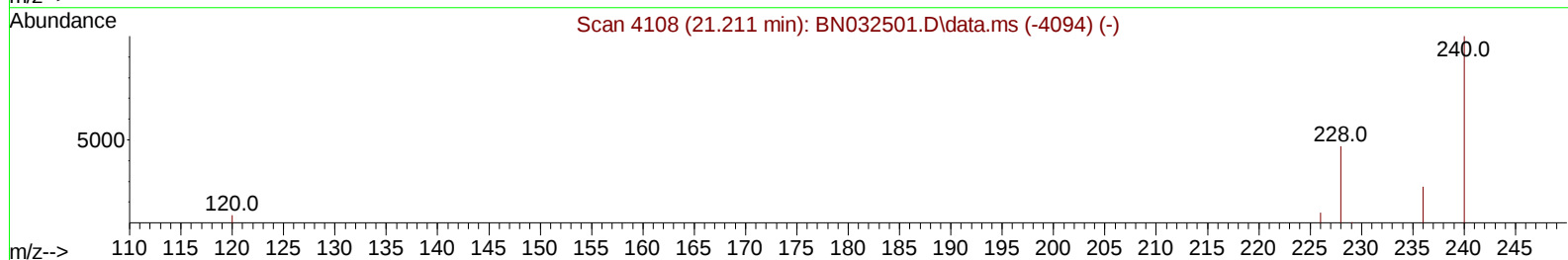
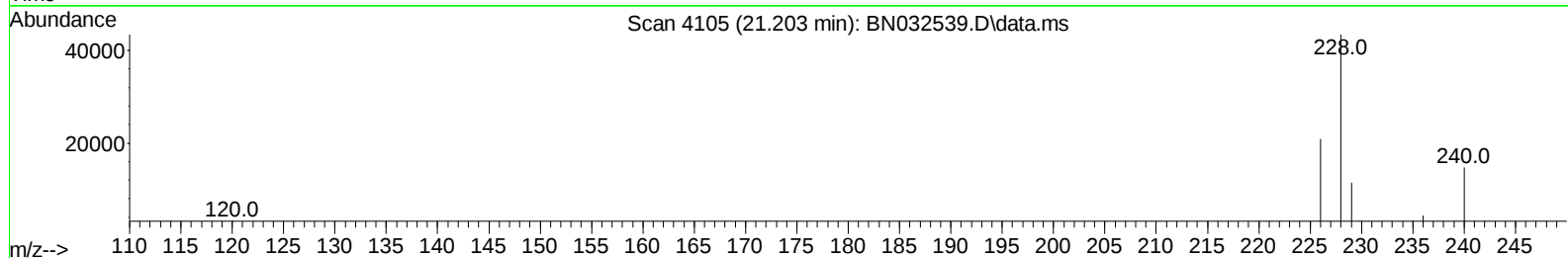
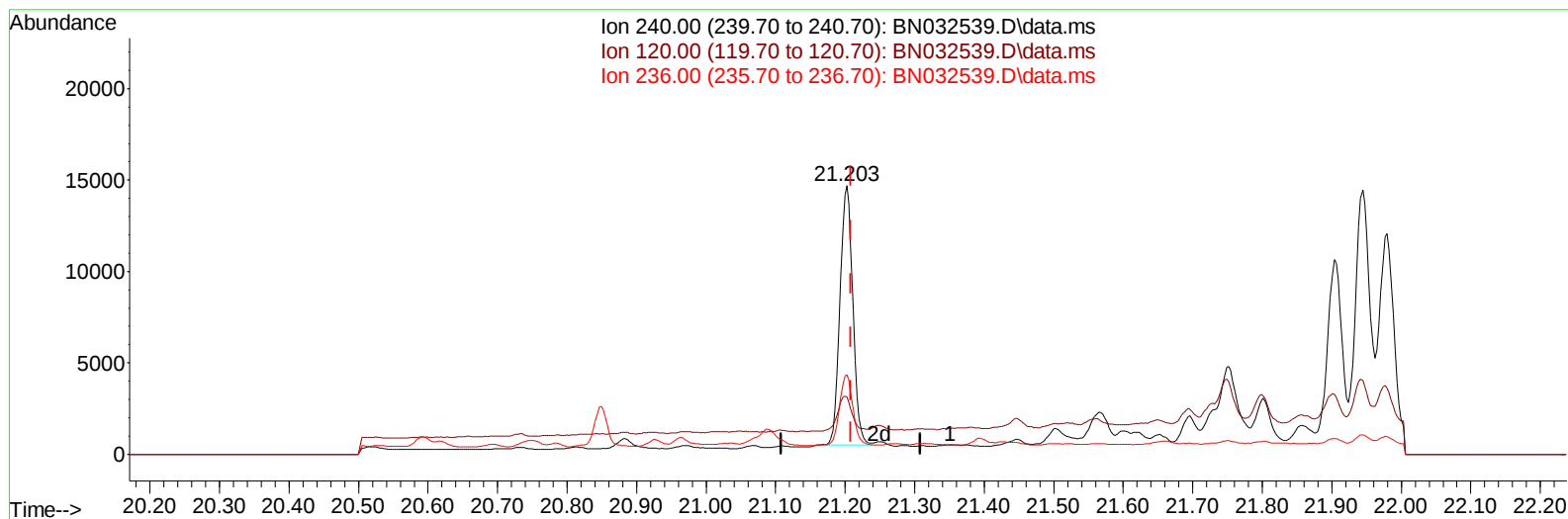
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(17) Chrysene-d12

21.203min (-0.006) 0.40 ng/ul m

response 18181

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	21.41#
236.00	28.40	29.52
0.00	0.00	0.00

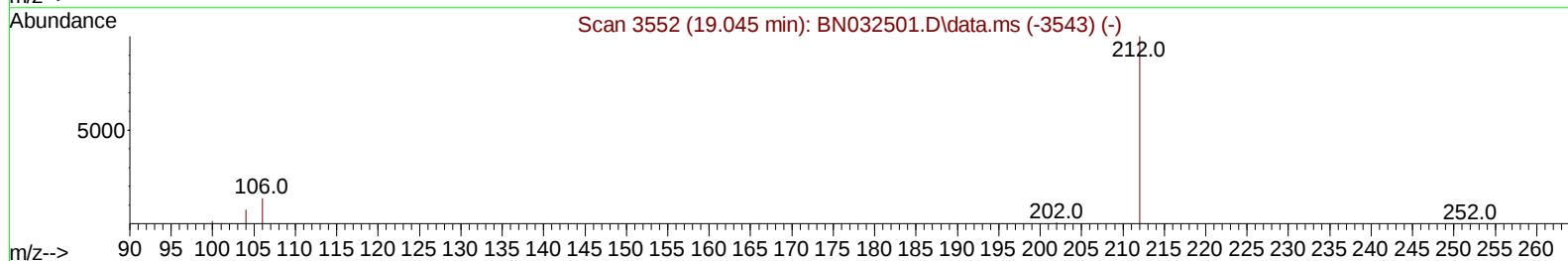
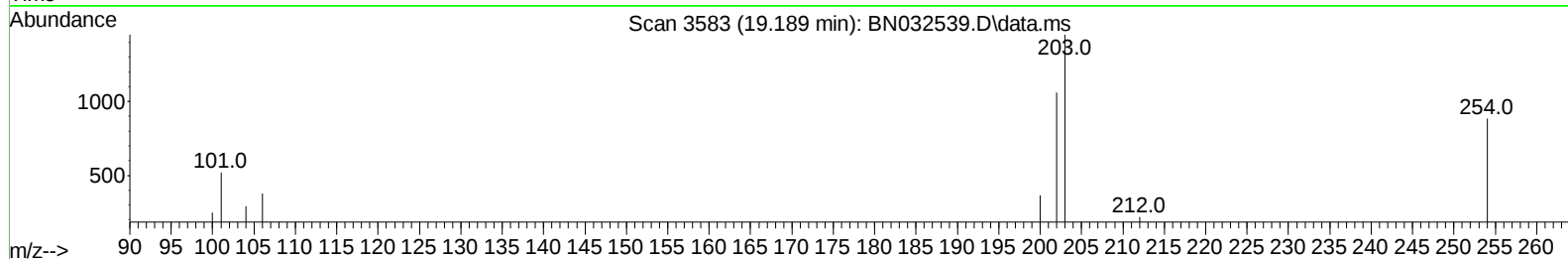
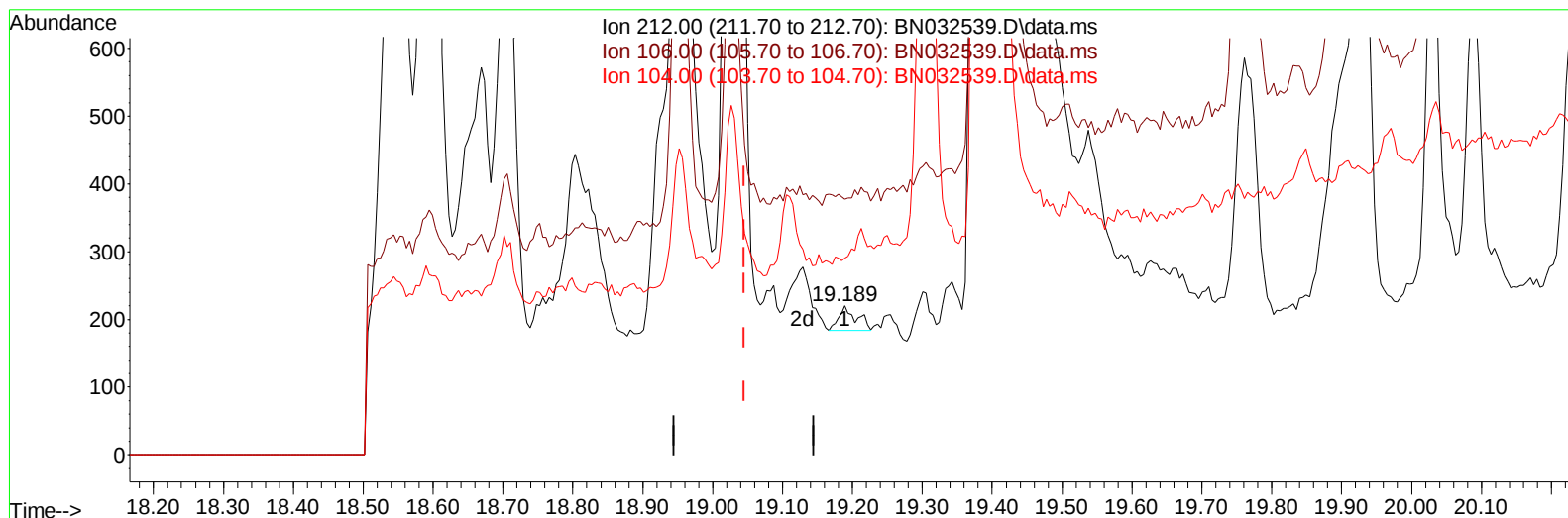
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

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TIC: BN032539.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.189min (+ 0.144) 0.00 ng/u1

response 63

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

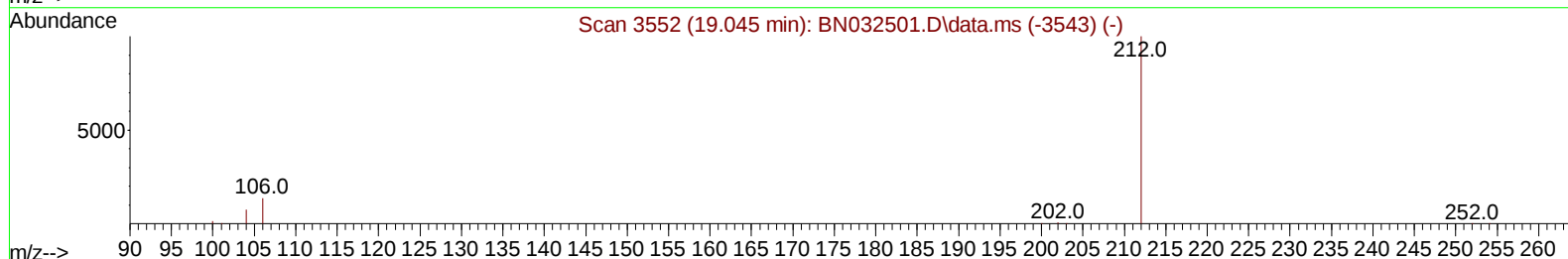
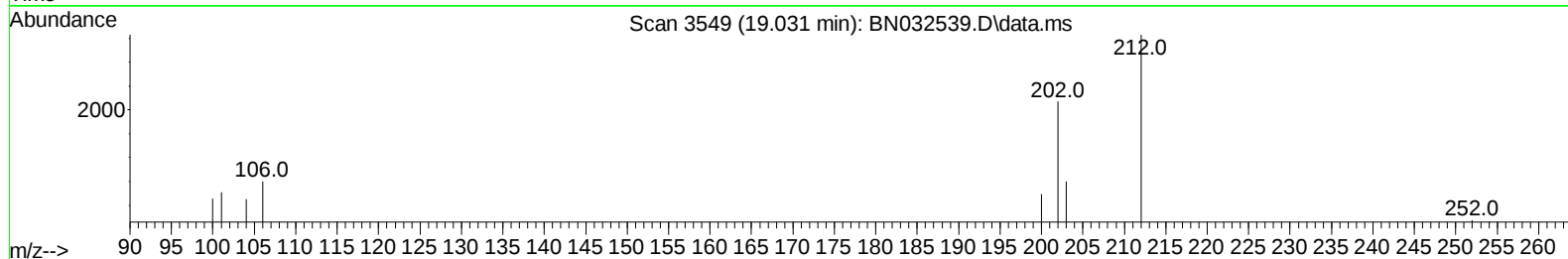
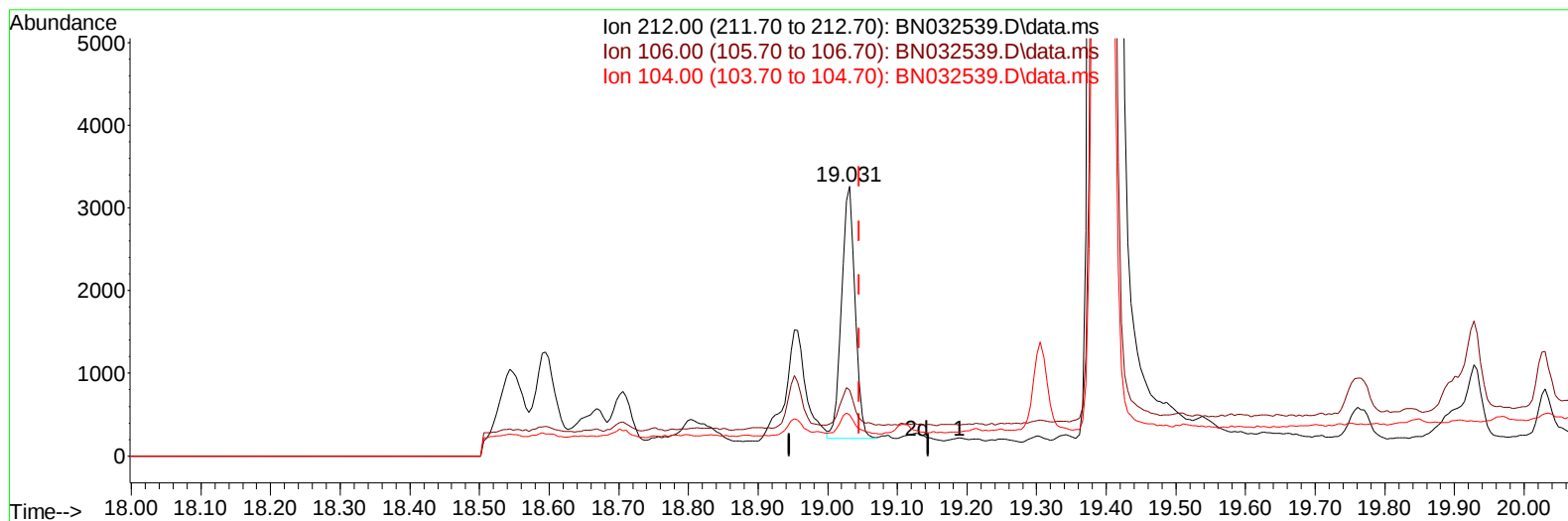
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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
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TIC: BN032539.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.031min (-0.014) 0.08 ng/ul m

response 4110

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

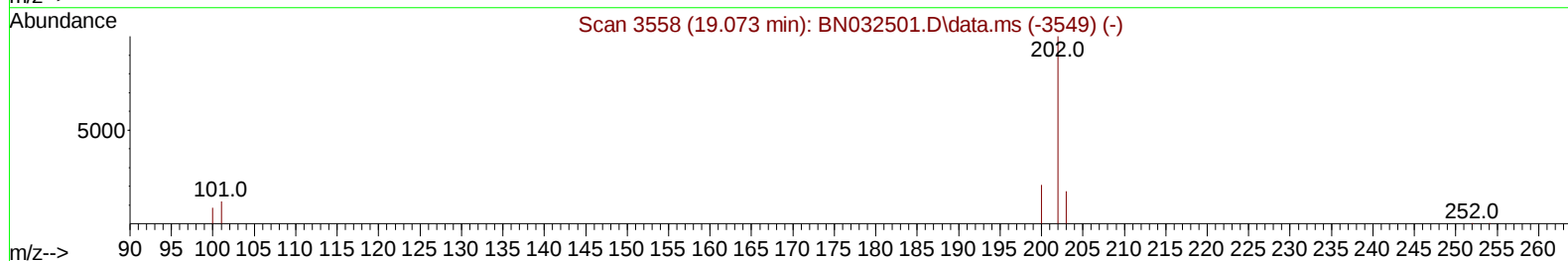
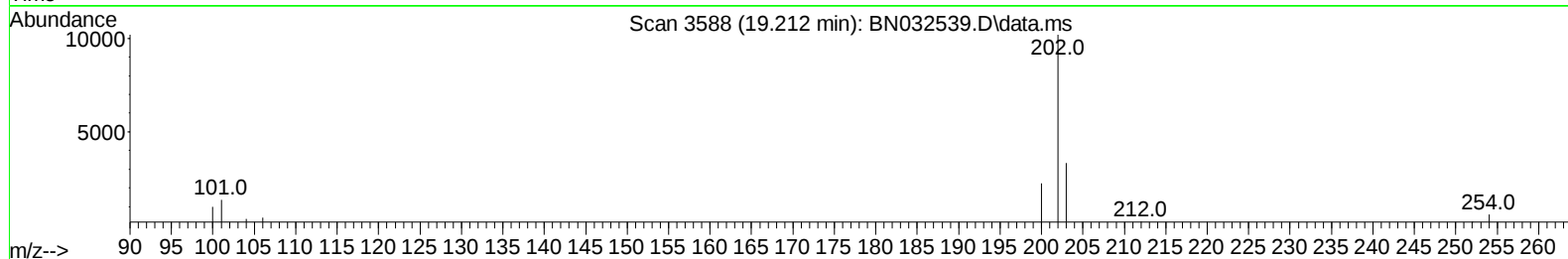
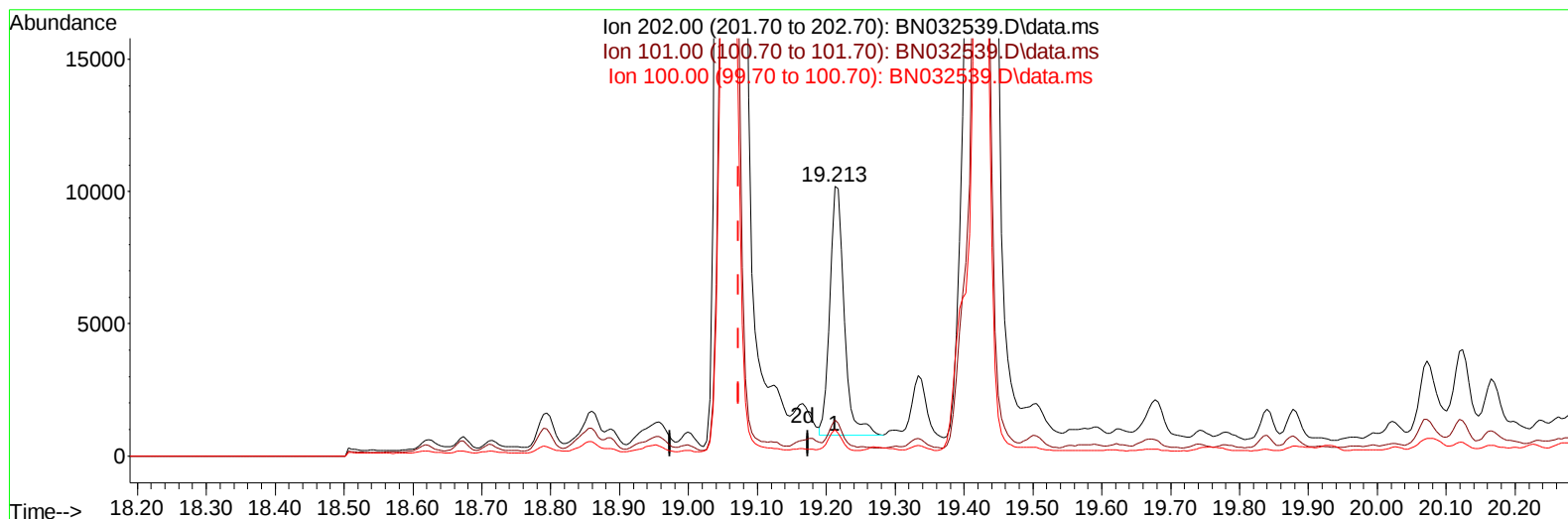
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(19) Fluoranthene (C)

19.212min (+ 0.139) 0.20 ng/u1

response 13784

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	13.38#
100.00	8.00	9.75#
0.00	0.00	0.00

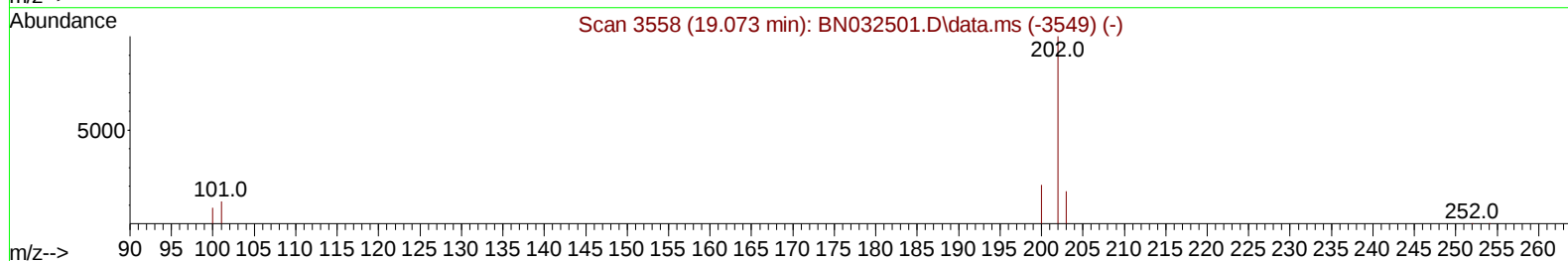
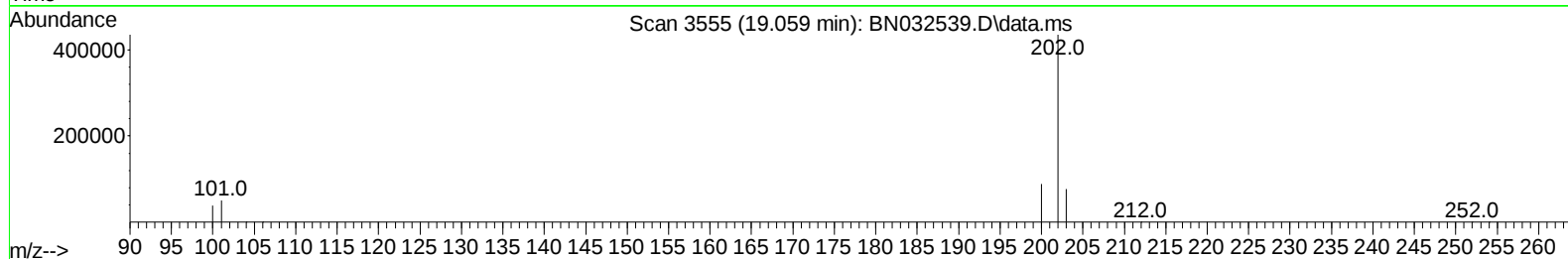
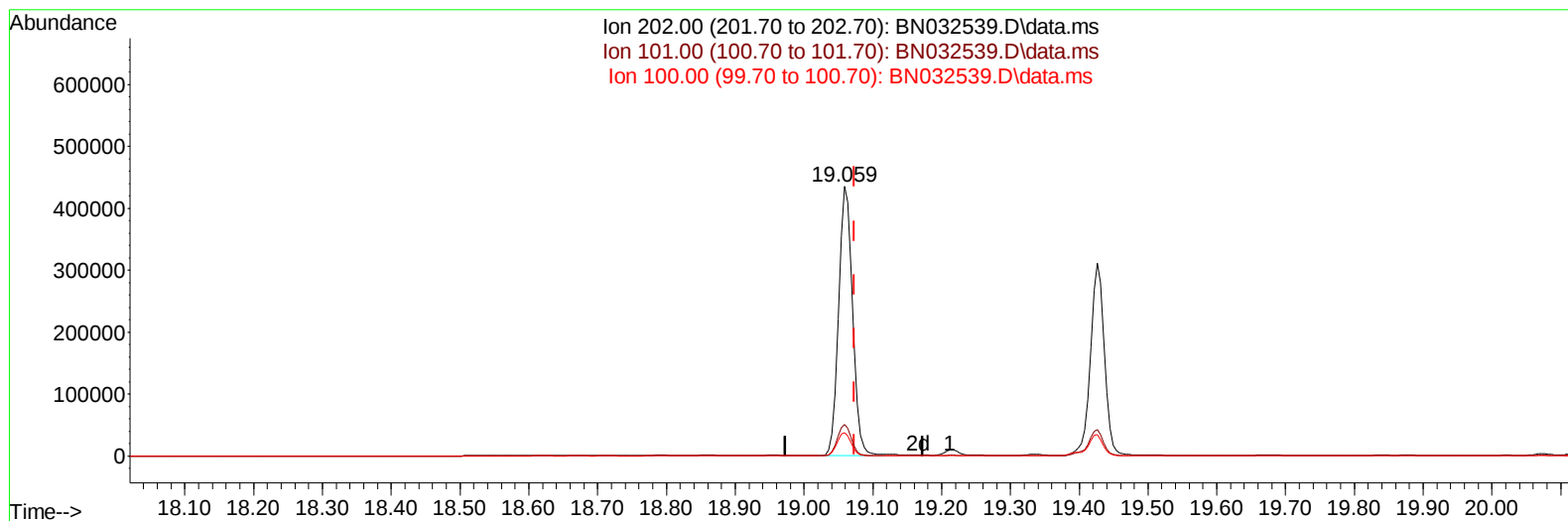
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
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Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(19) Fluoranthene (C)

19.059min (-0.014) 8.89 ng/ul m

response 615237

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.61
100.00	8.00	8.69
0.00	0.00	0.00

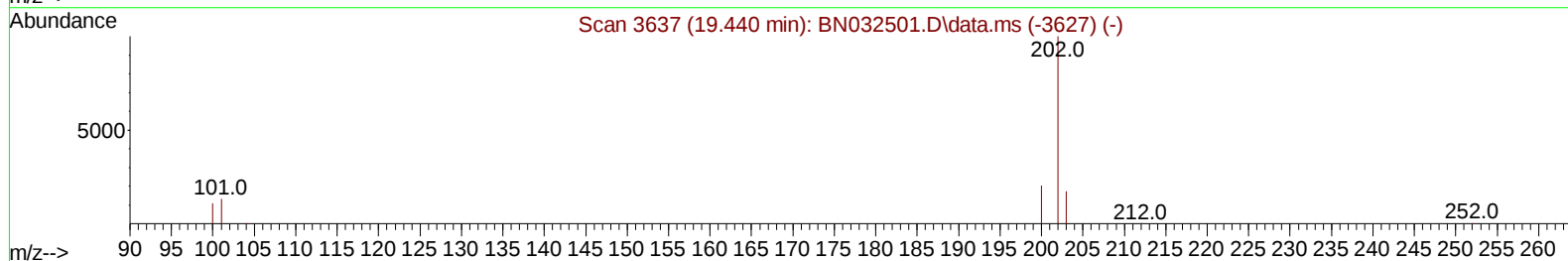
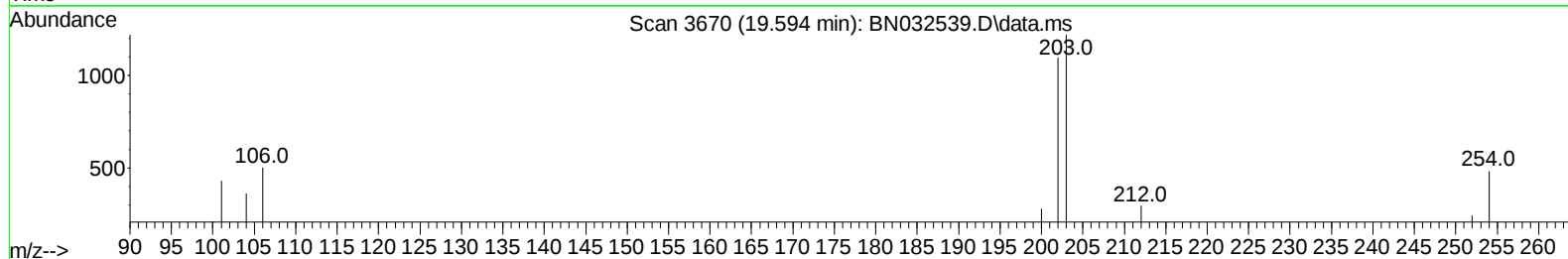
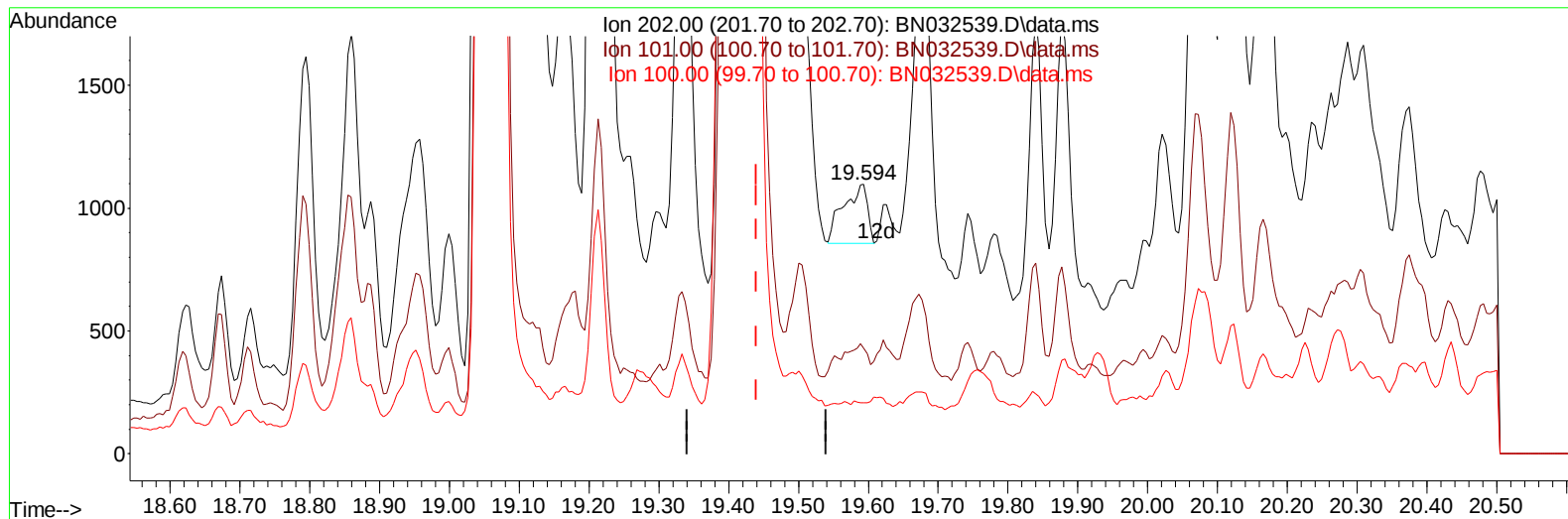
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 2024
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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(20) Pyrene

19.594min (+ 0.153) 0.01 ng/u1

response 564

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	39.14#
100.00	10.90	18.89#
0.00	0.00	0.00

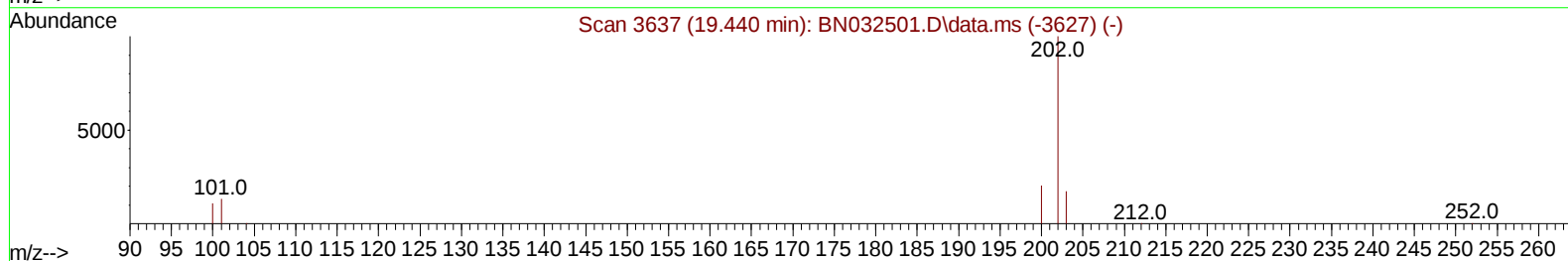
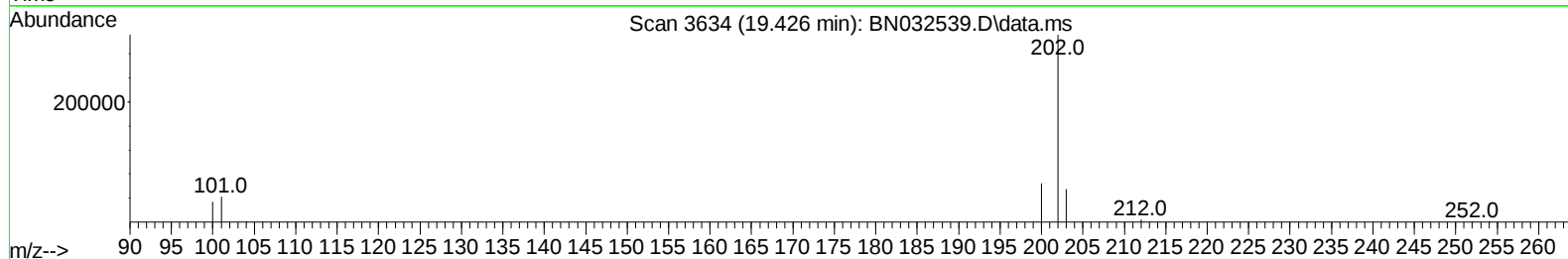
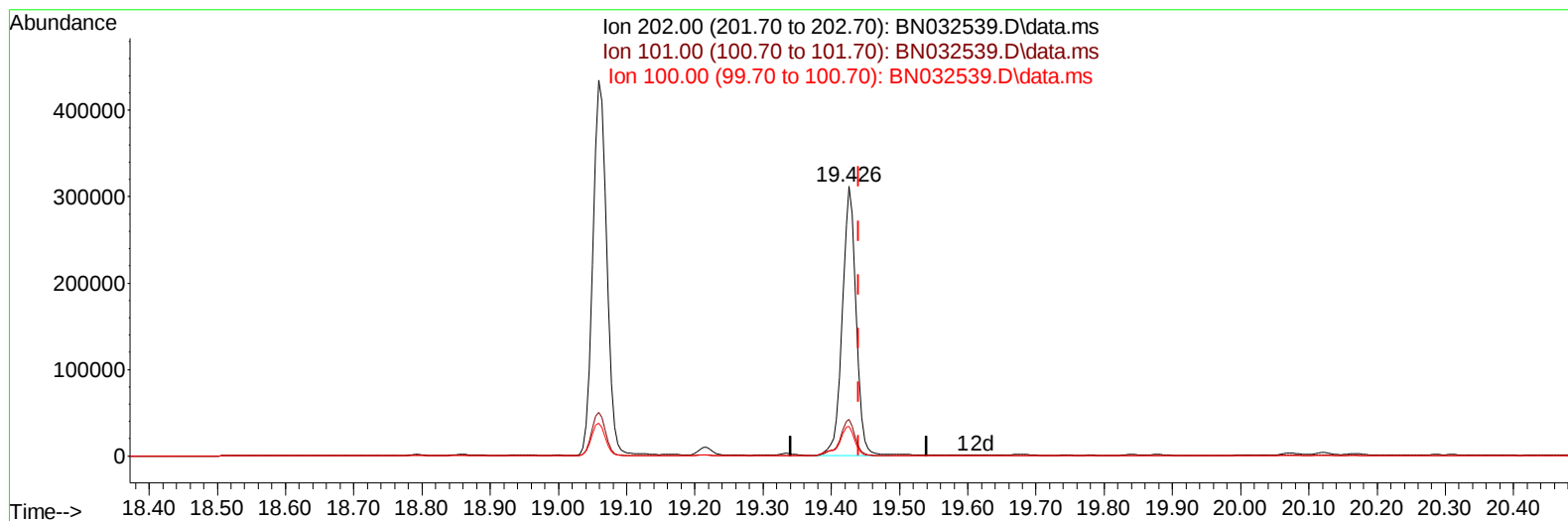
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(20) Pyrene

19.426min (-0.014) 6.11 ng/ul m

response 442076

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.59
100.00	10.90	10.98
0.00	0.00	0.00

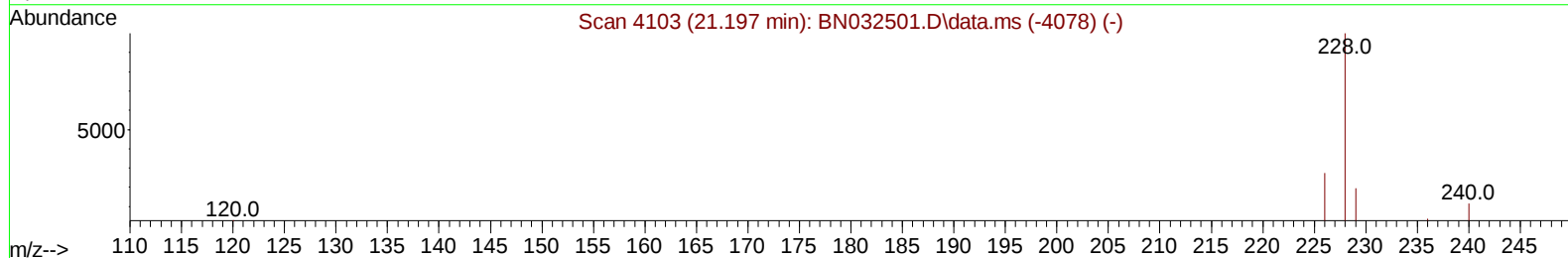
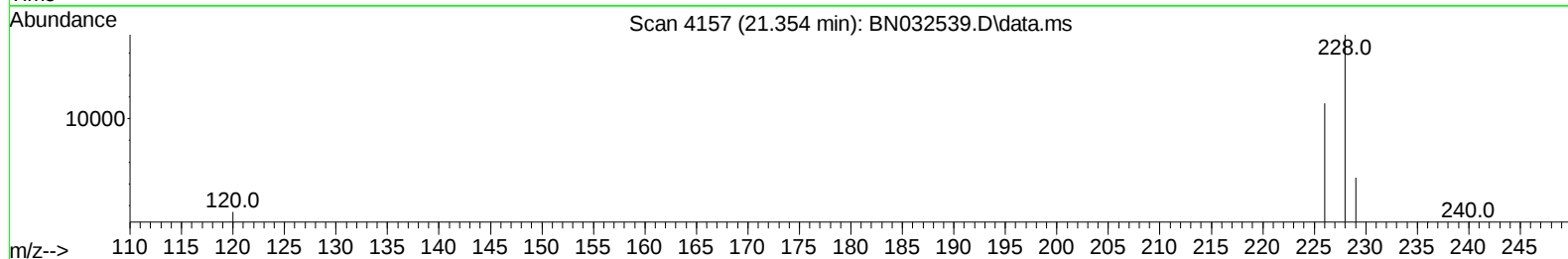
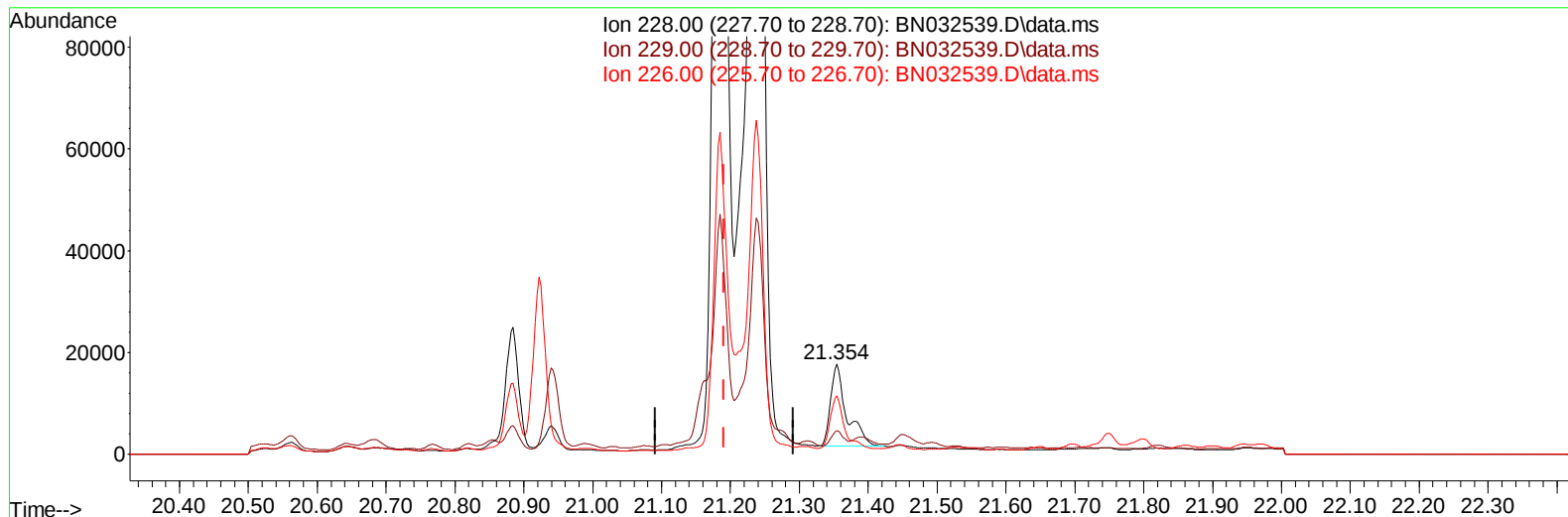
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(21) Benzo(a)anthracene

21.354min (+ 0.163) 0.40 ng/u1

response 26318

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	25.77#
226.00	27.30	64.56#
0.00	0.00	0.00

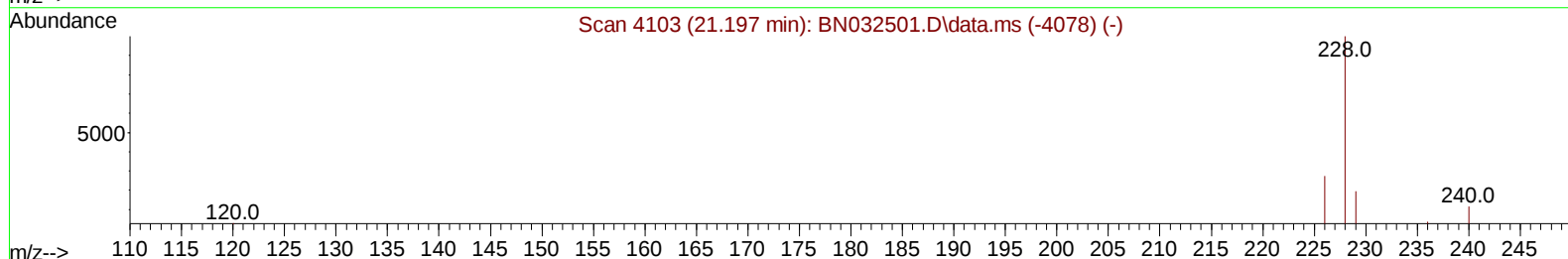
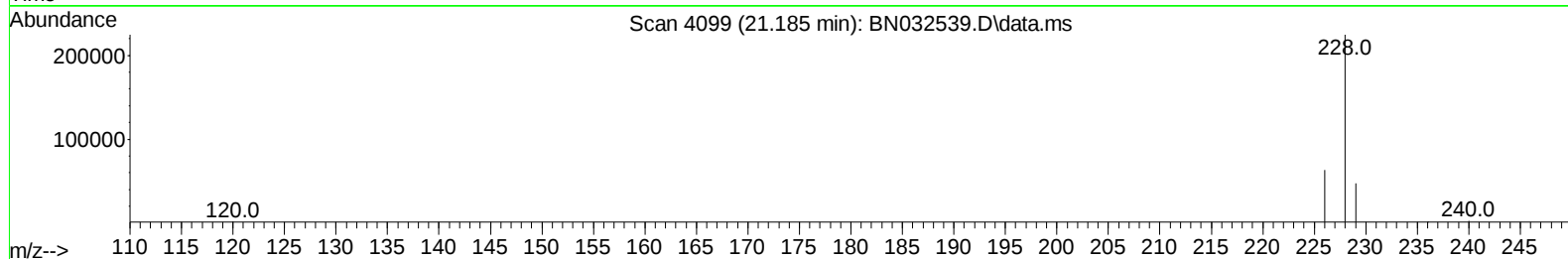
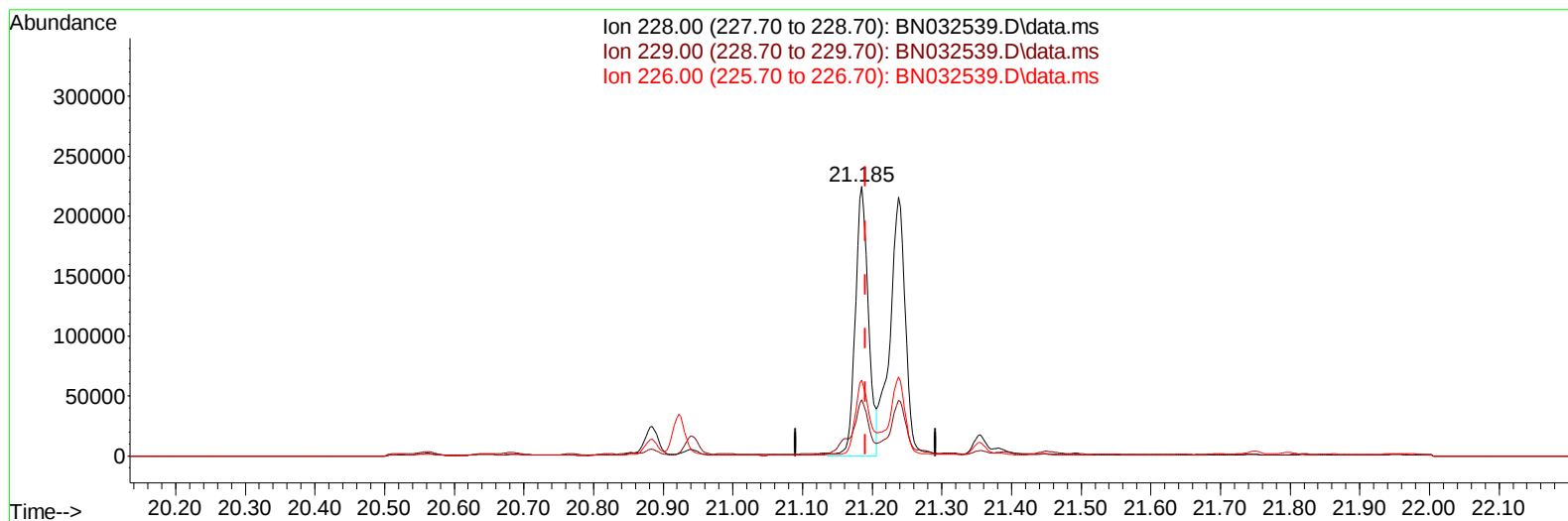
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(21) Benzo(a)anthracene

21.185min (-0.006) 4.46 ng/u1 m

response 292562

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.99
226.00	27.30	28.15
0.00	0.00	0.00

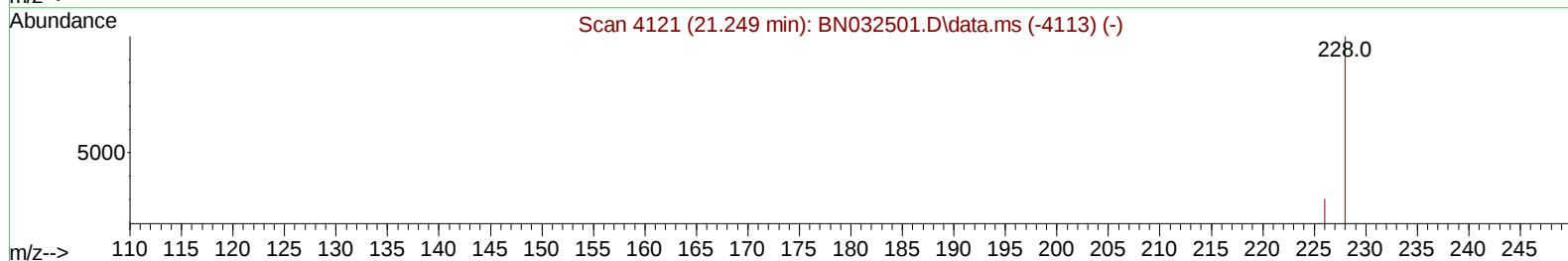
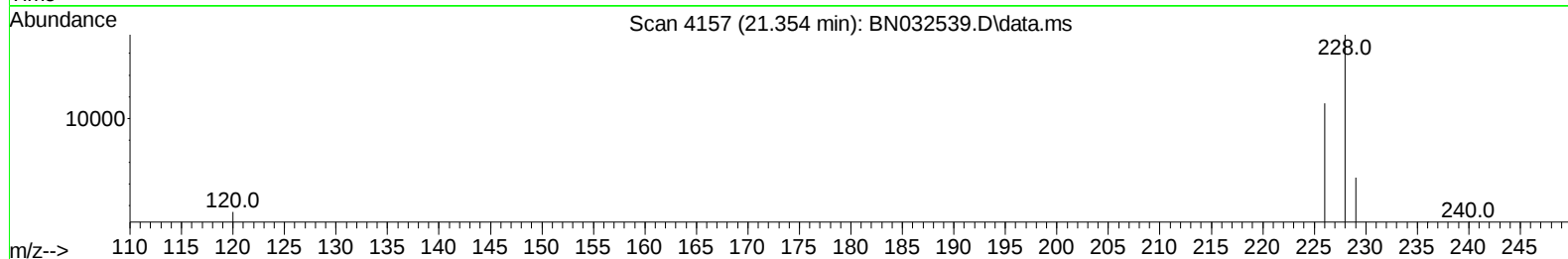
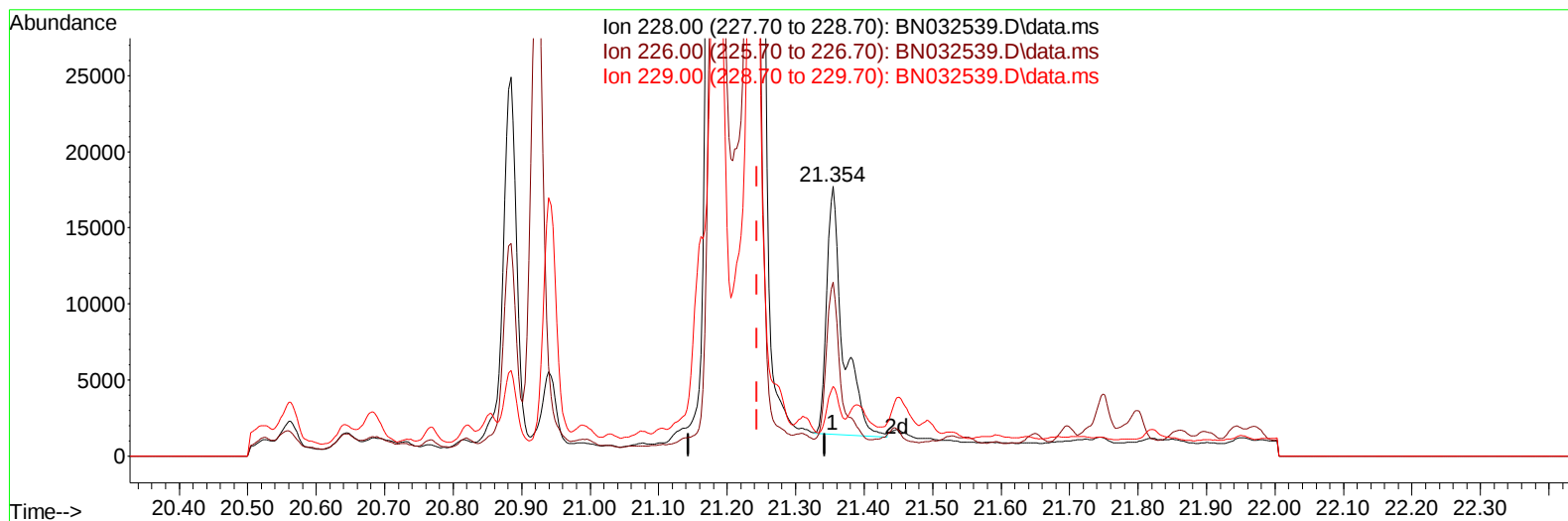
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(22) Chrysene

21.354min (+ 0.111) 0.38 ng/u1

response 27246

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	64.56#
229.00	19.60	25.77#
0.00	0.00	0.00

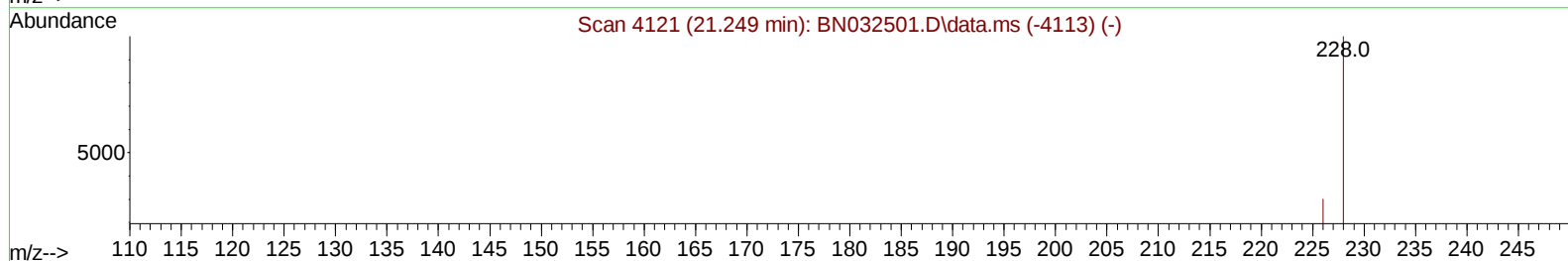
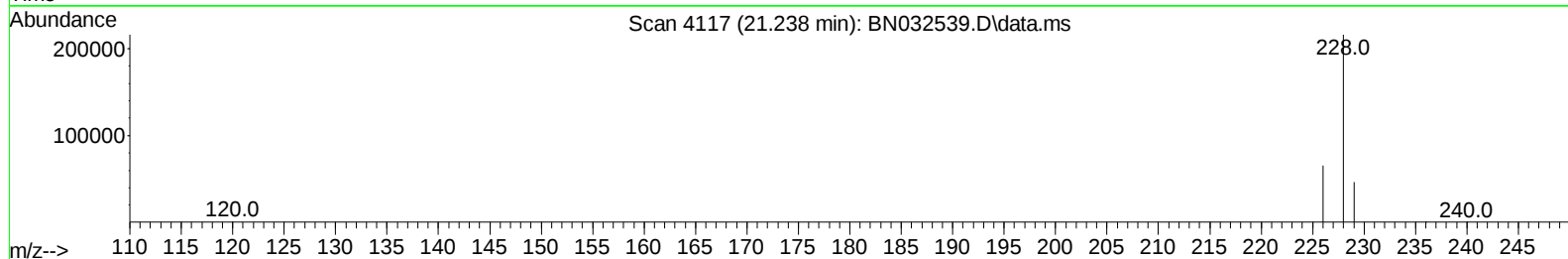
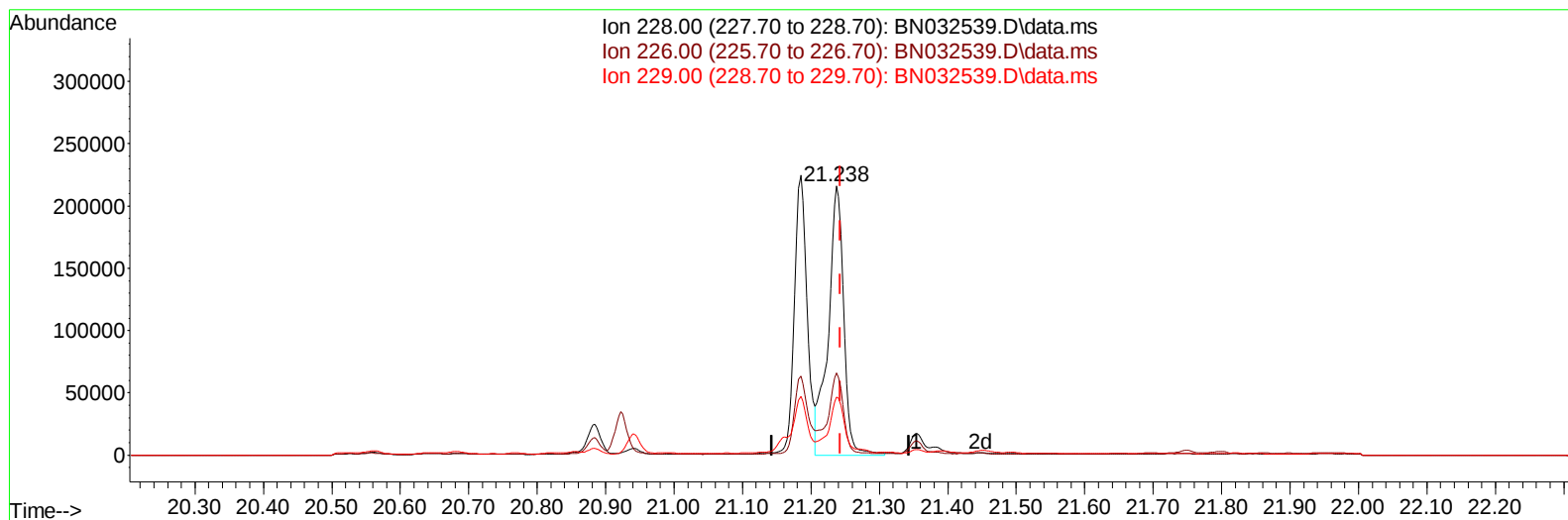
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(22) Chrysene

21.238min (-0.006) 4.75 ng/ul m

response 341825

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.45
229.00	19.60	21.50
0.00	0.00	0.00

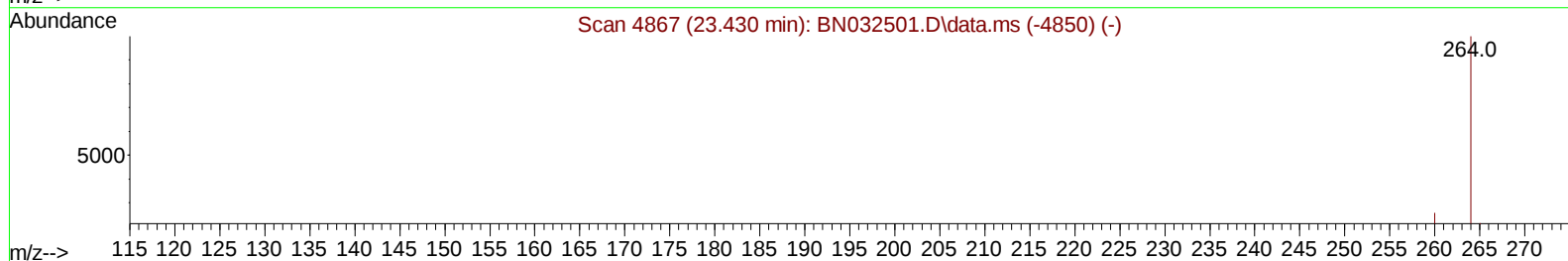
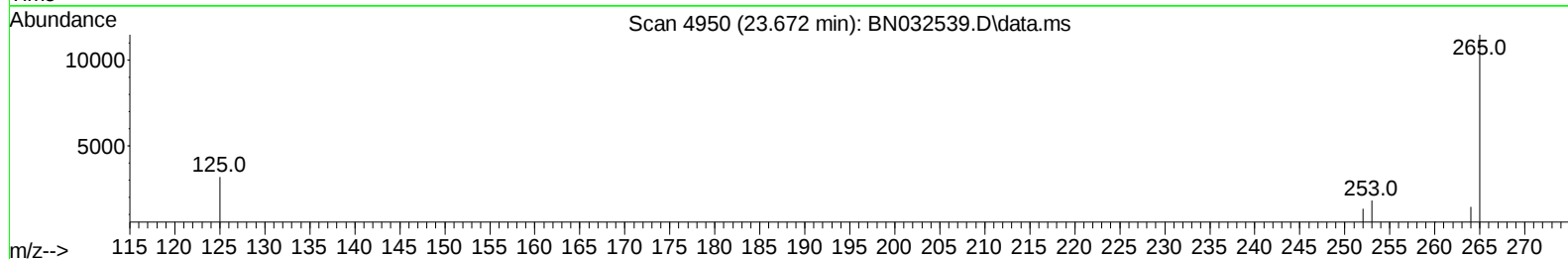
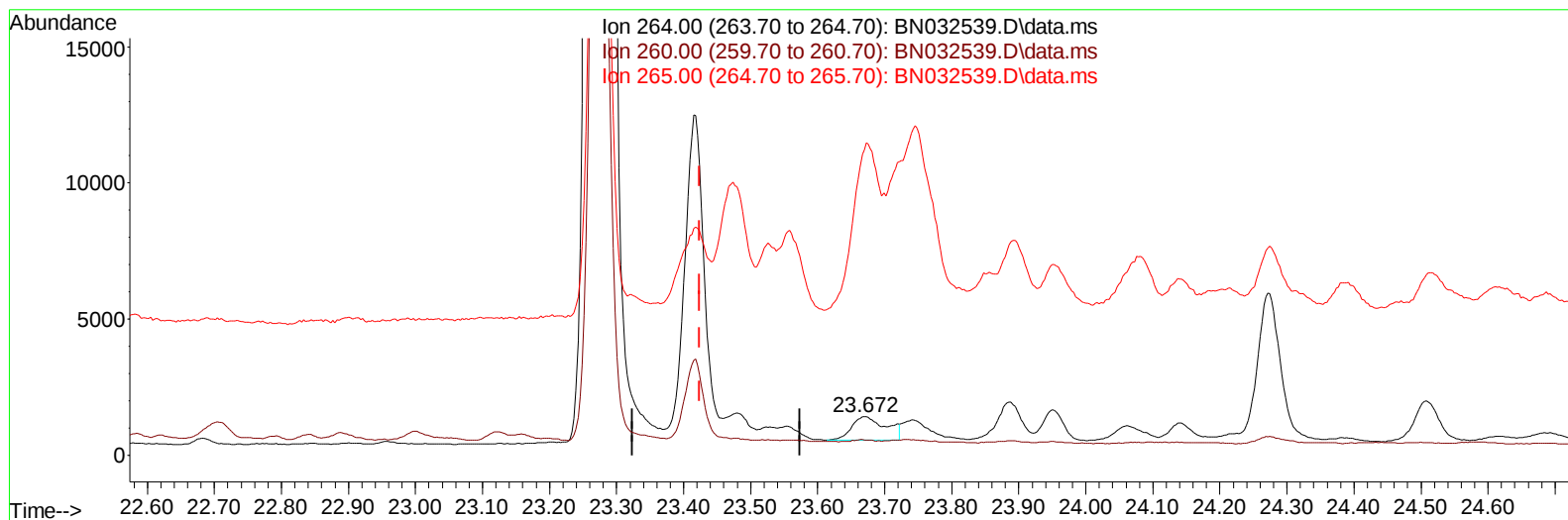
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(23) Perylene-d12 (I)

23.672min (+ 0.248) 0.40 ng/u1

response 3141

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	38.07#
265.00	67.20	807.67#
0.00	0.00	0.00

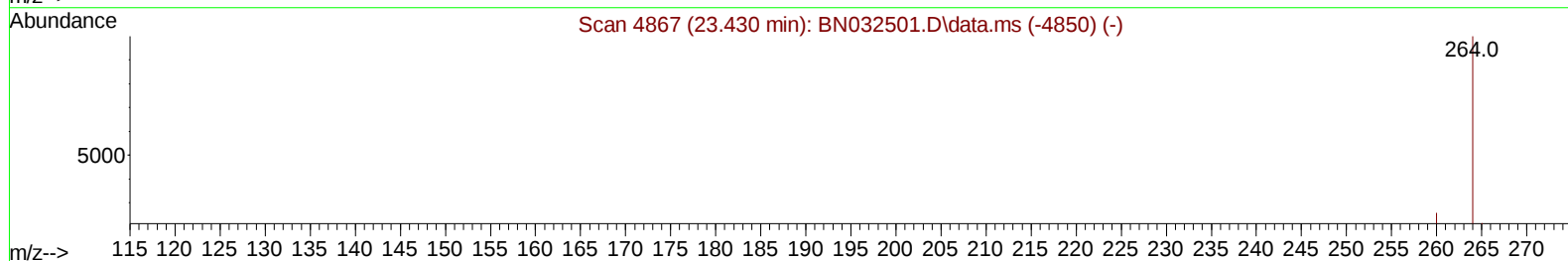
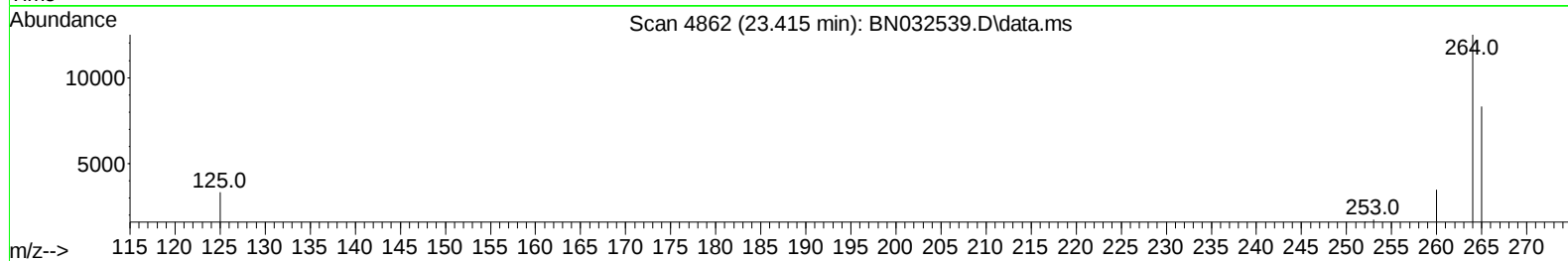
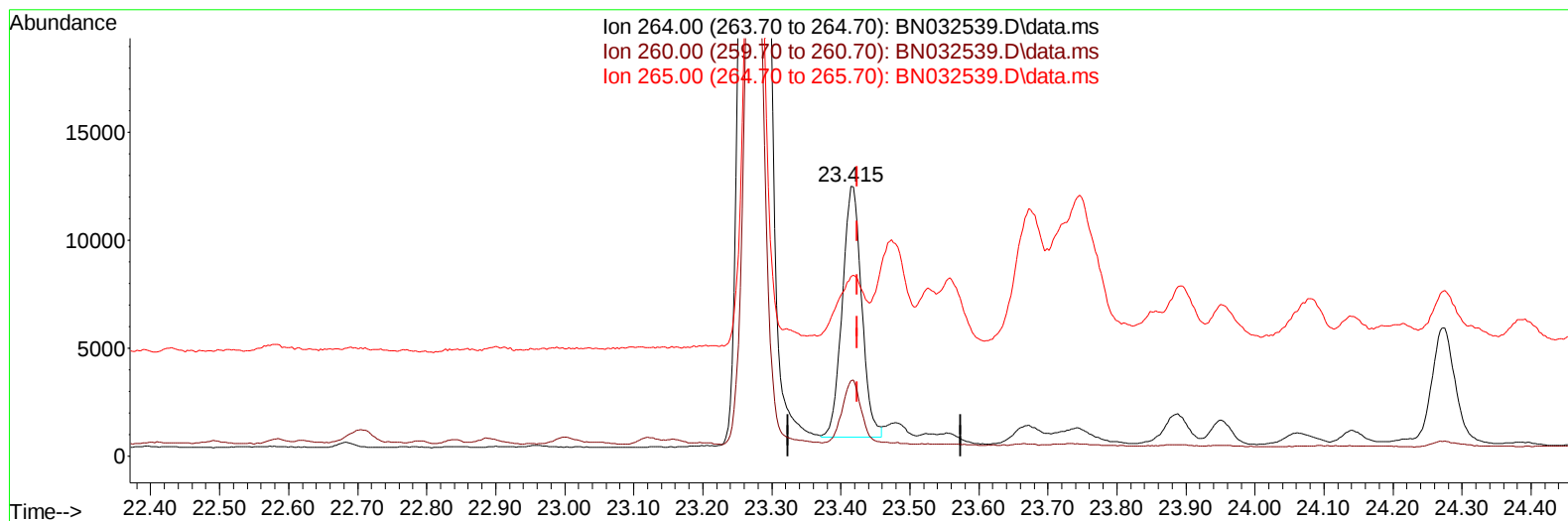
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(23) Perylene-d12 (I)

23.415min (-0.009) 0.40 ng/u1 m

response 22666

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	27.91
265.00	67.20	66.65
0.00	0.00	0.00

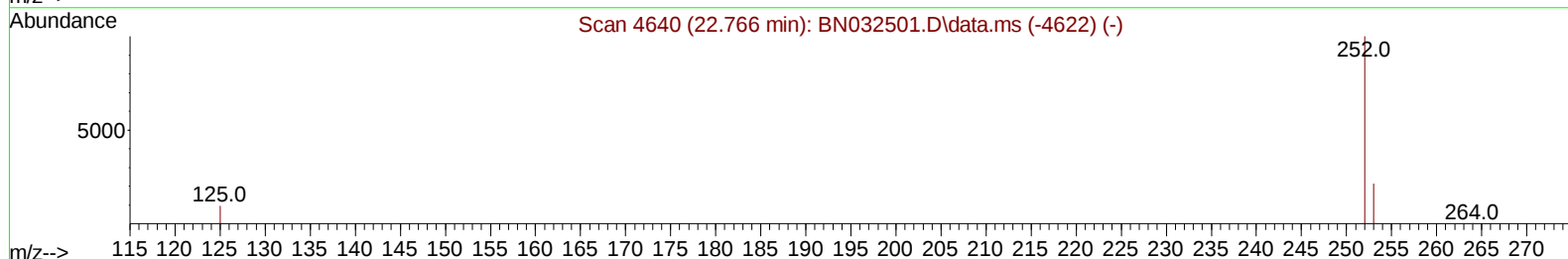
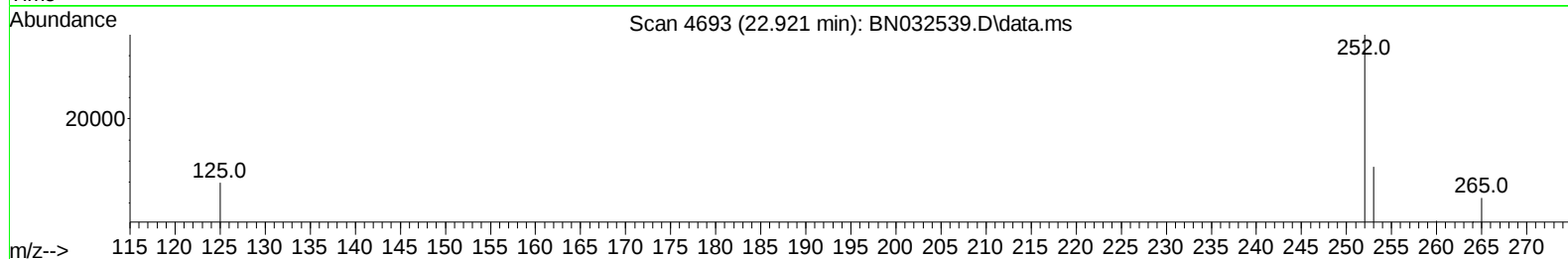
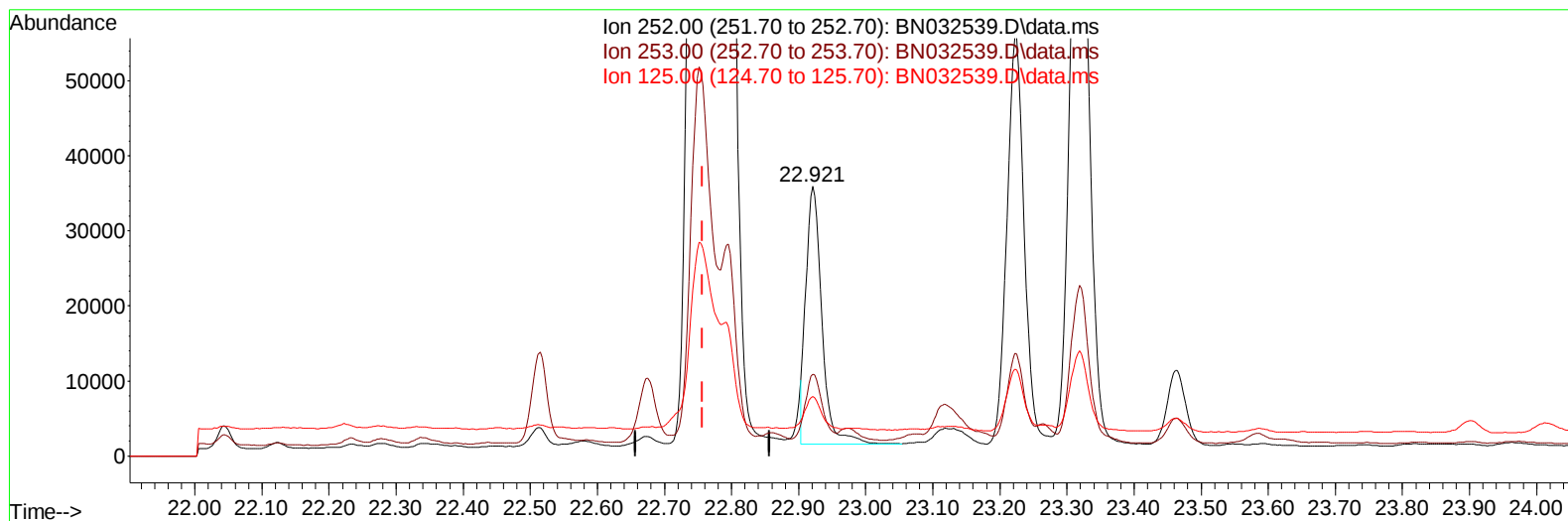
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(24) Benzo(b)fluoranthene

22.921min (+ 0.164) 0.58 ng/u1

response 56867

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	30.39
125.00	16.00	22.01
0.00	0.00	0.00

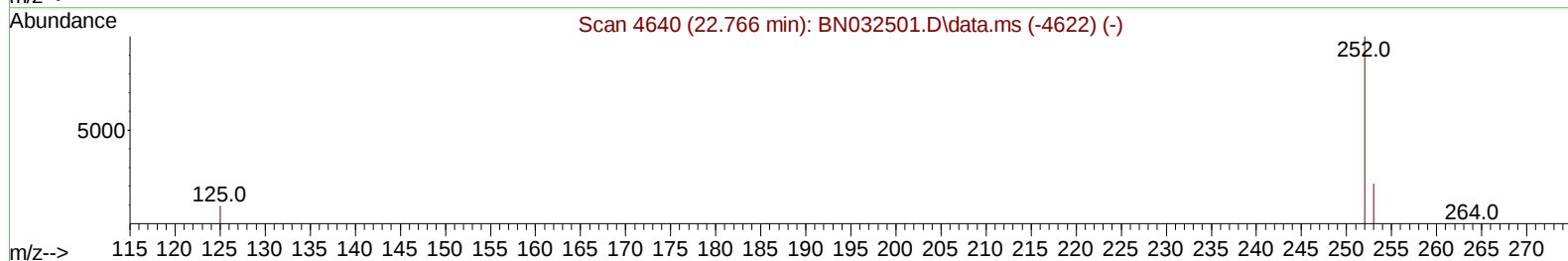
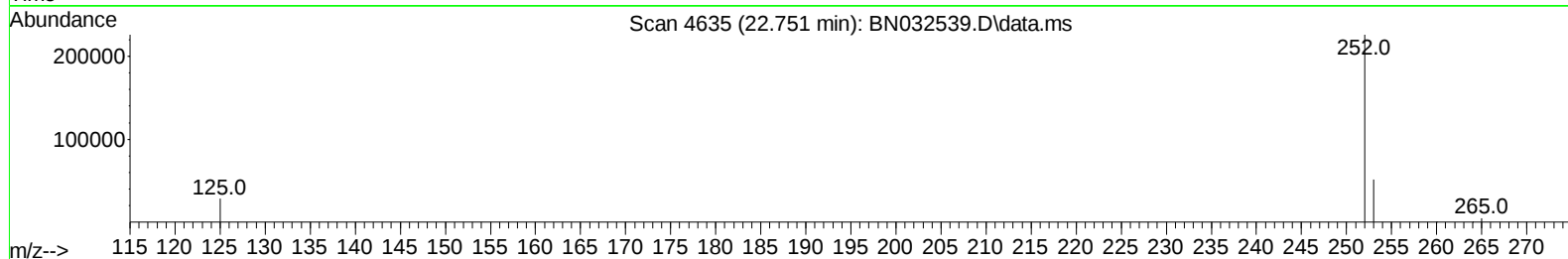
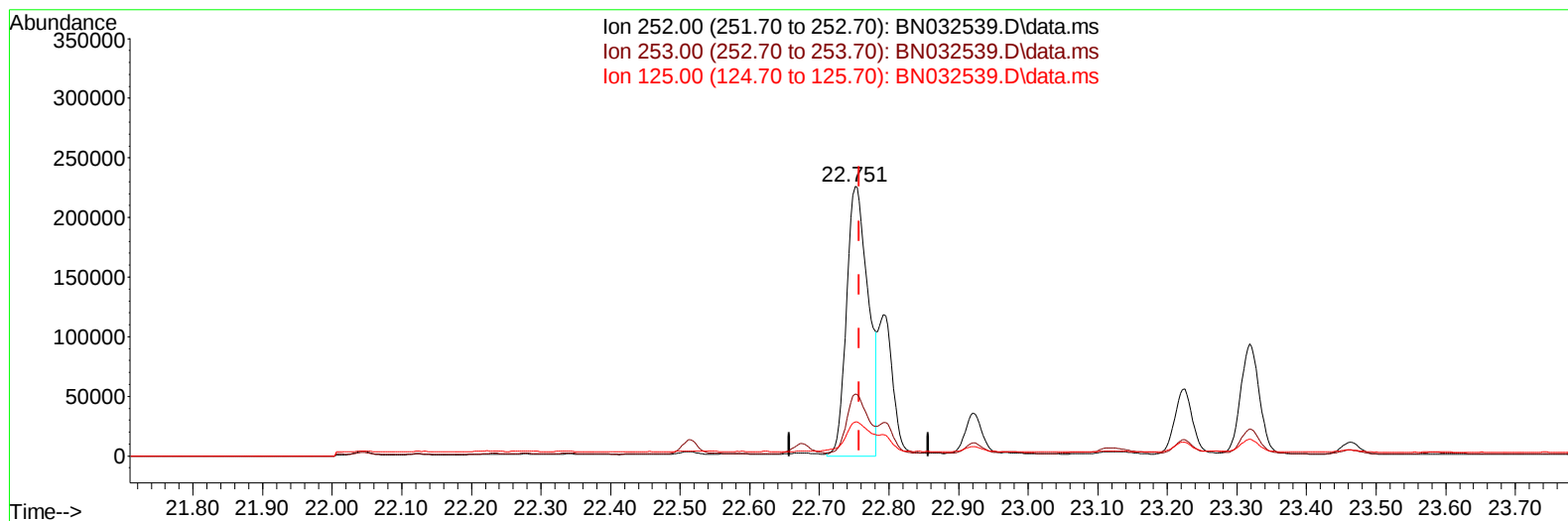
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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

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Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(24) Benzo(b)fluoranthene

22.751min (-0.006) 4.96 ng/u1 m

response 488401

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	22.95
125.00	16.00	12.60
0.00	0.00	0.00

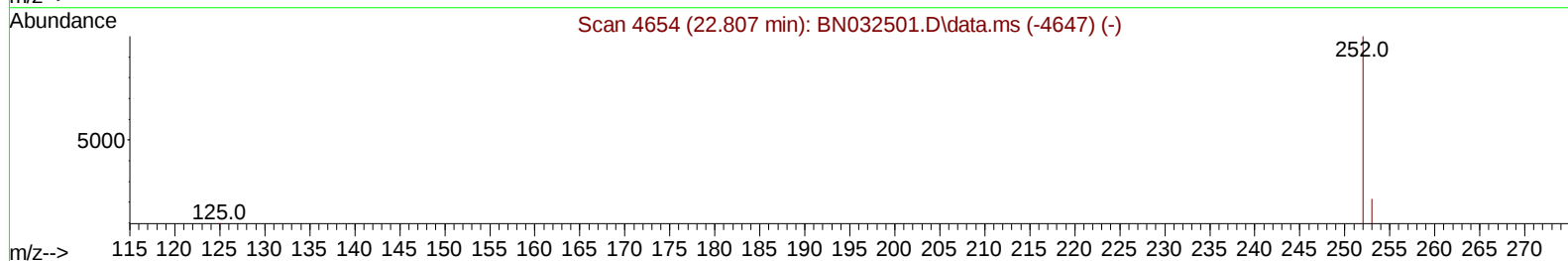
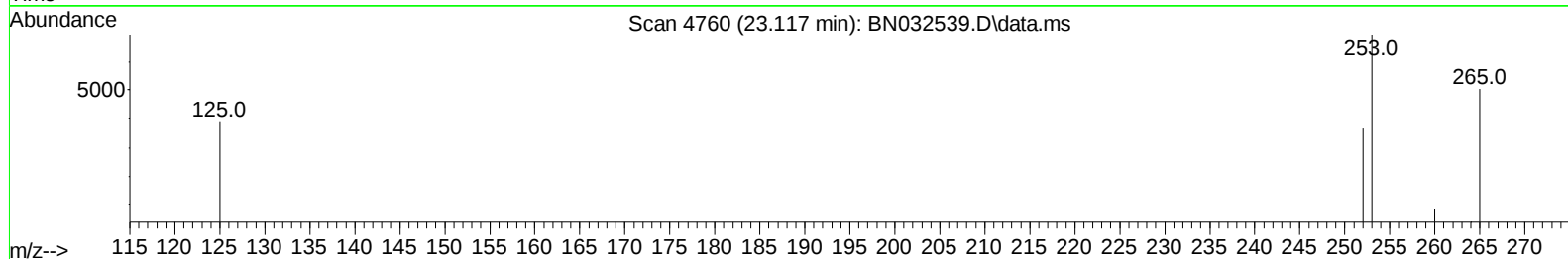
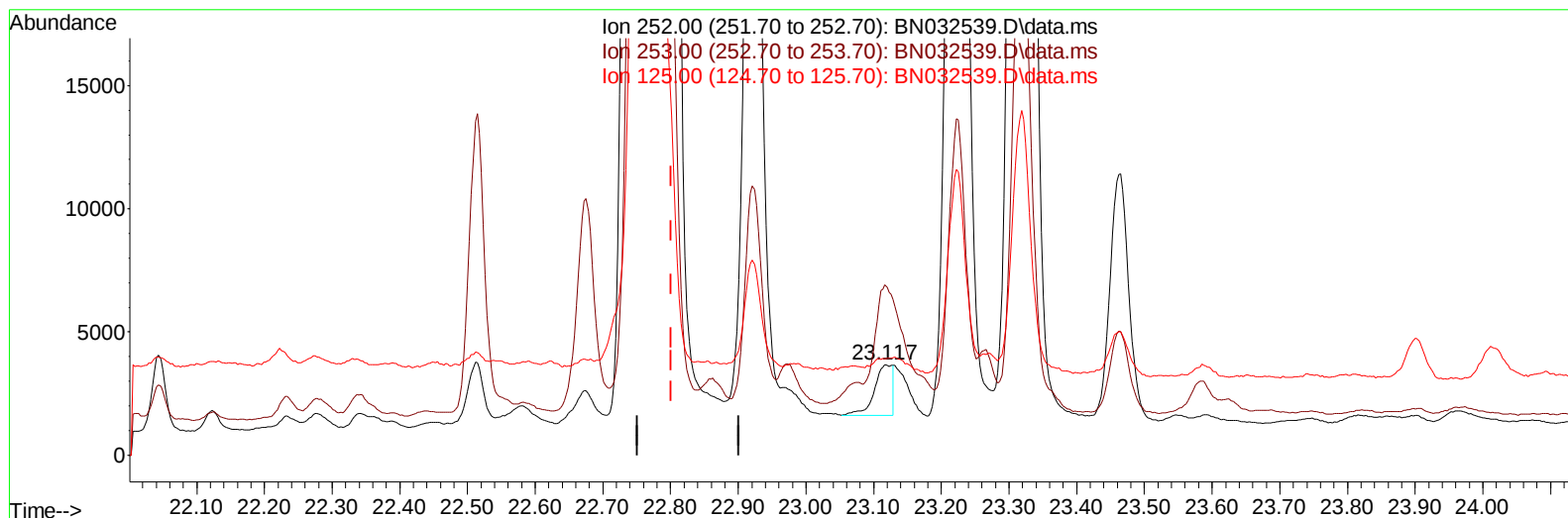
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032539.D\data.ms

(25) Benzo(k)fluoranthene

23.117min (+ 0.316) 0.04 ng/u1

response 3860

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	188.50#
125.00	16.00	106.27#
0.00	0.00	0.00

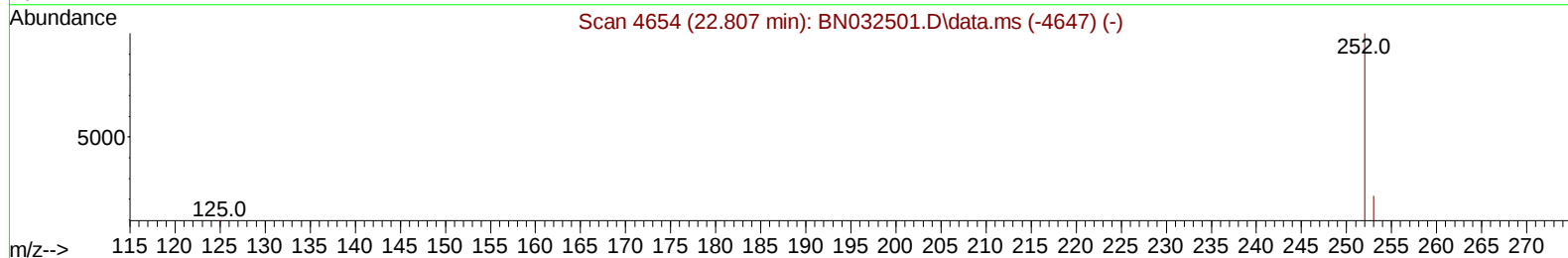
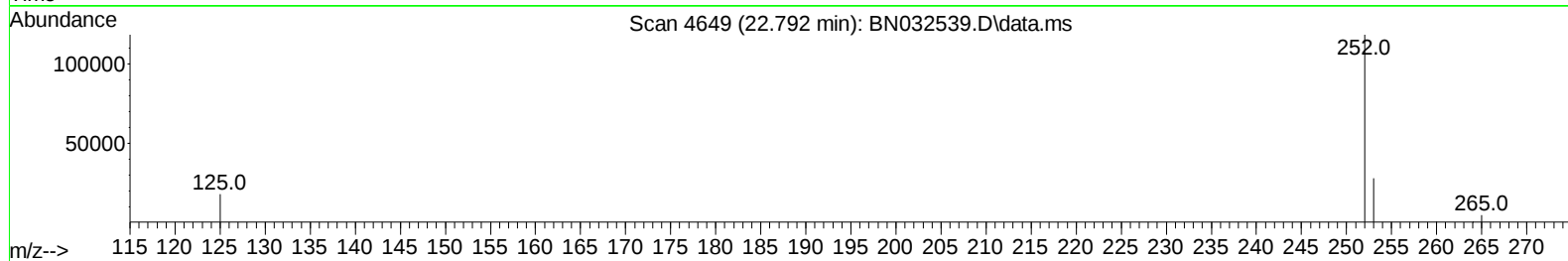
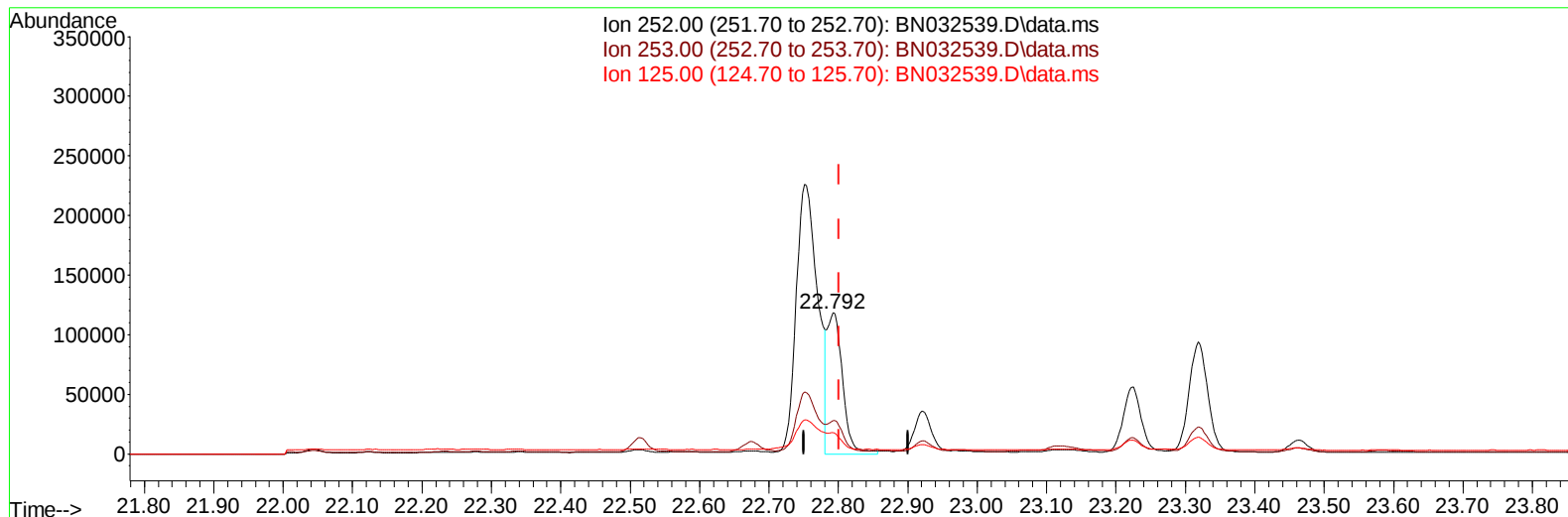
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(25) Benzo(k)fluoranthene

22.792min (-0.009) 1.92 ng/u1 m

response 183489

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.67
125.00	16.00	15.06
0.00	0.00	0.00

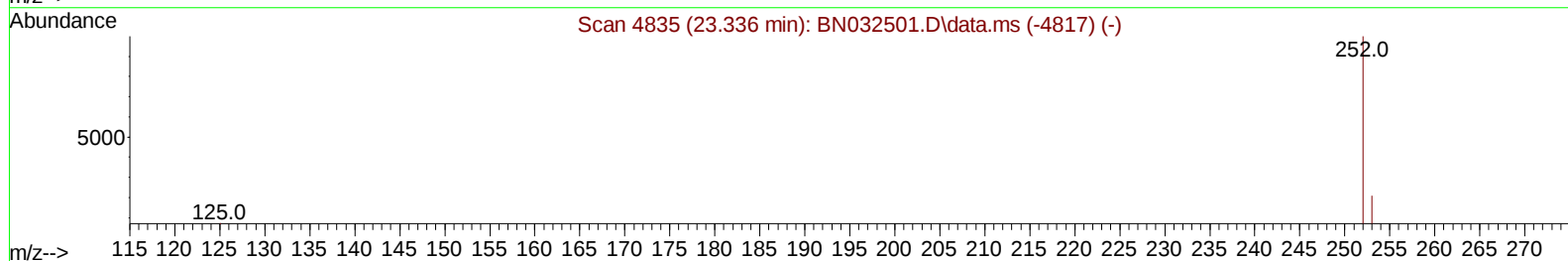
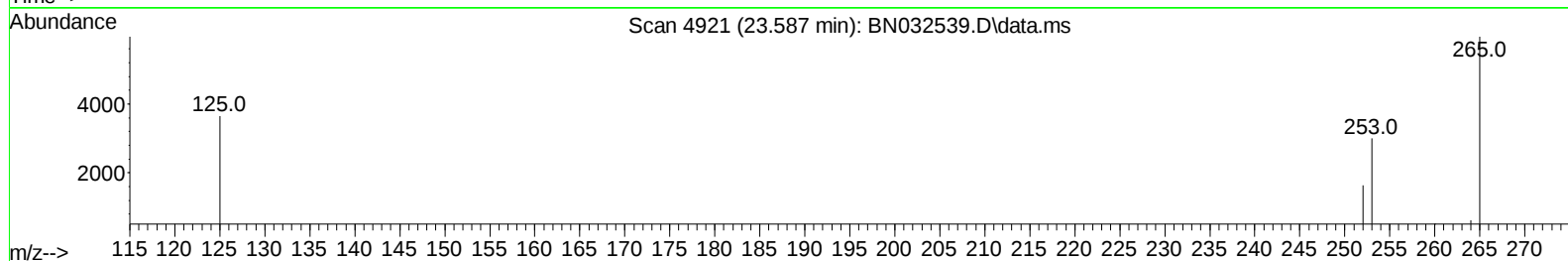
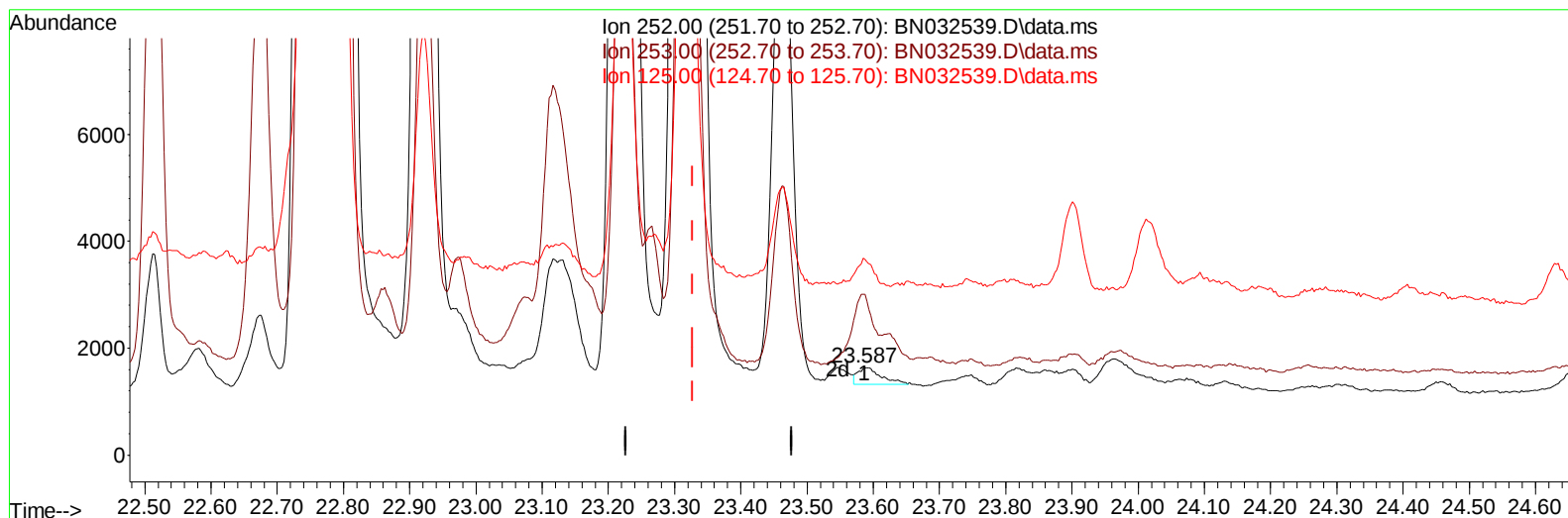
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(26) Benzo(a)pyrene (C)

23.587min (+ 0.260) 0.01 ng/u1

response 796

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	183.67#
125.00	20.50	223.55#
0.00	0.00	0.00

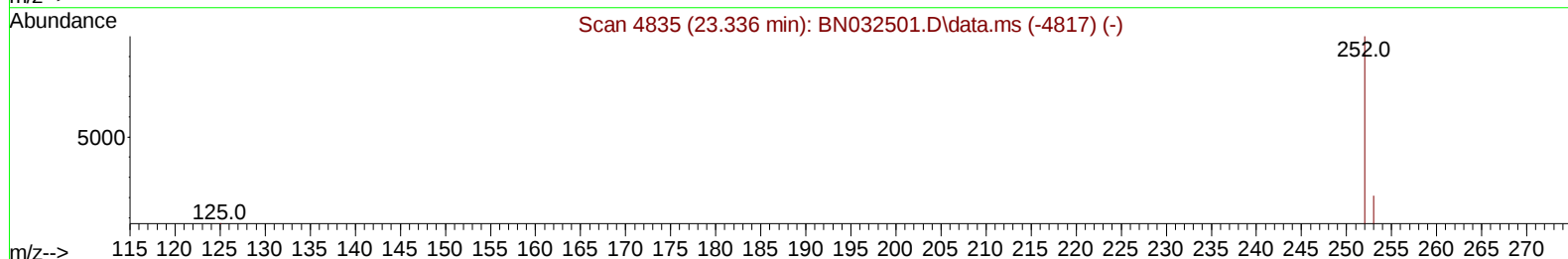
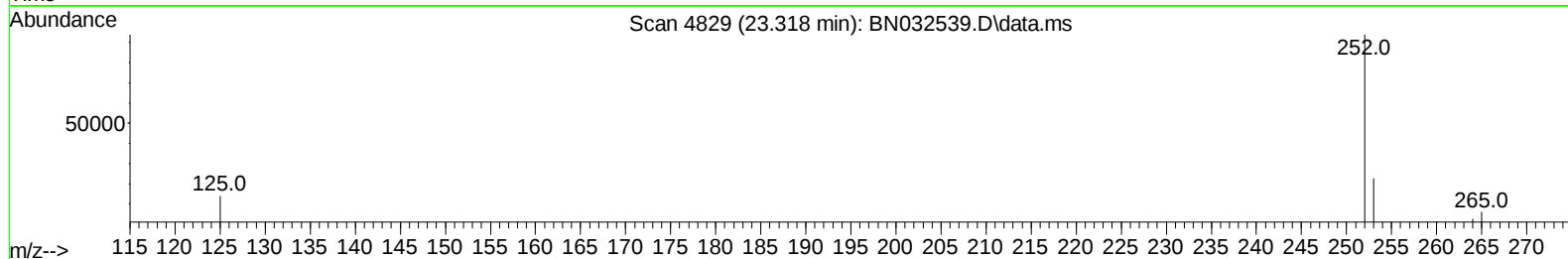
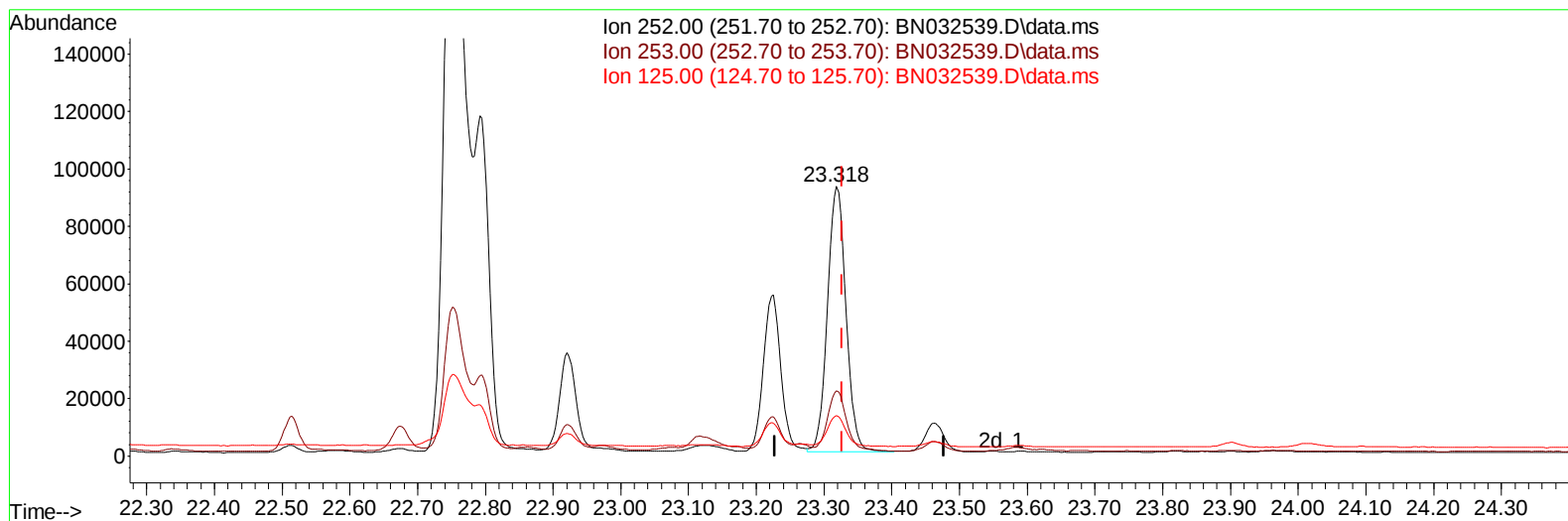
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(26) Benzo(a)pyrene (C)

23.318min (-0.009) 2.55 ng/u1 m

response 174786

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	24.22
125.00	20.50	14.90#
0.00	0.00	0.00

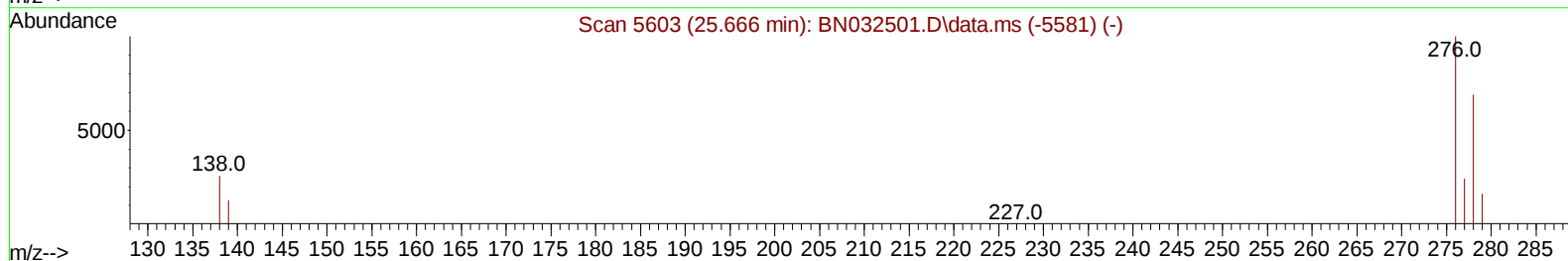
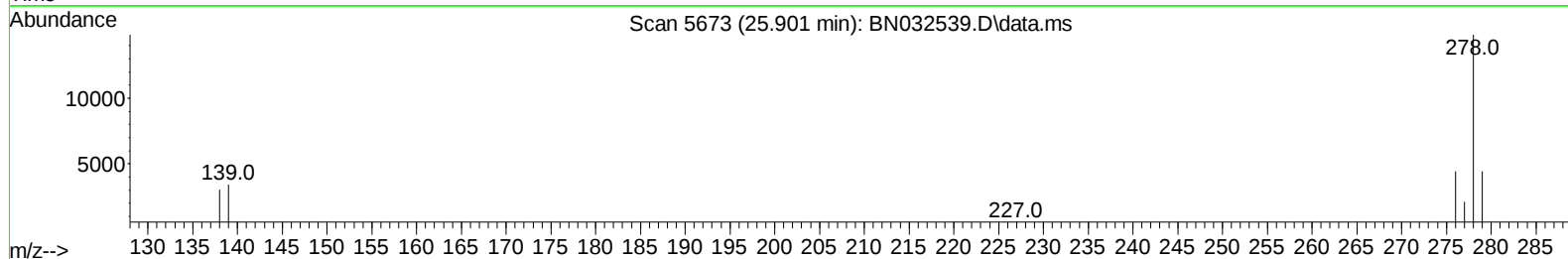
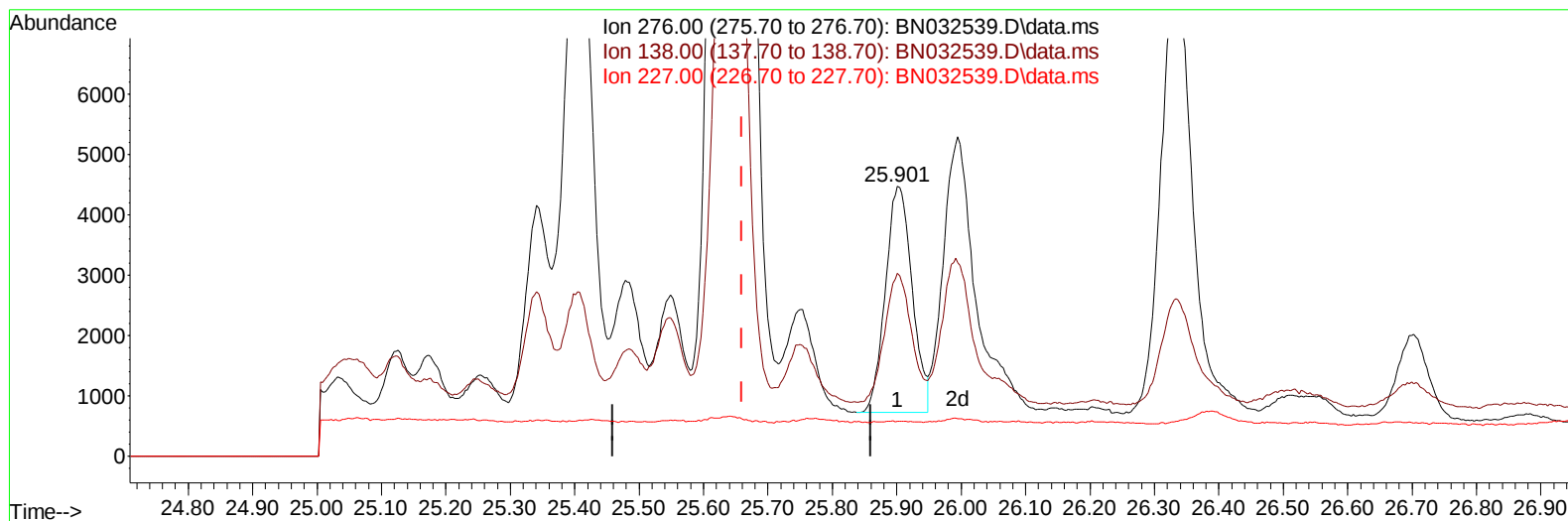
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

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

25.901min (+ 0.241) 0.10 ng/u1

response 10827

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	57.72#
227.00	0.10	0.13#
0.00	0.00	0.00

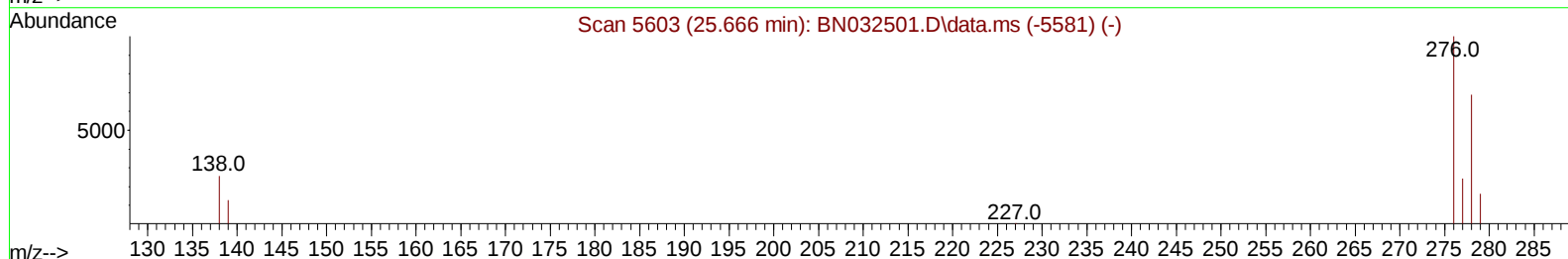
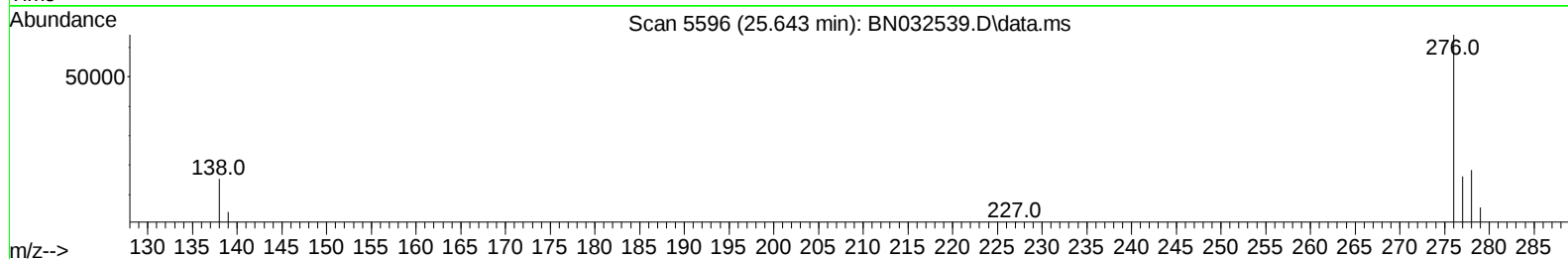
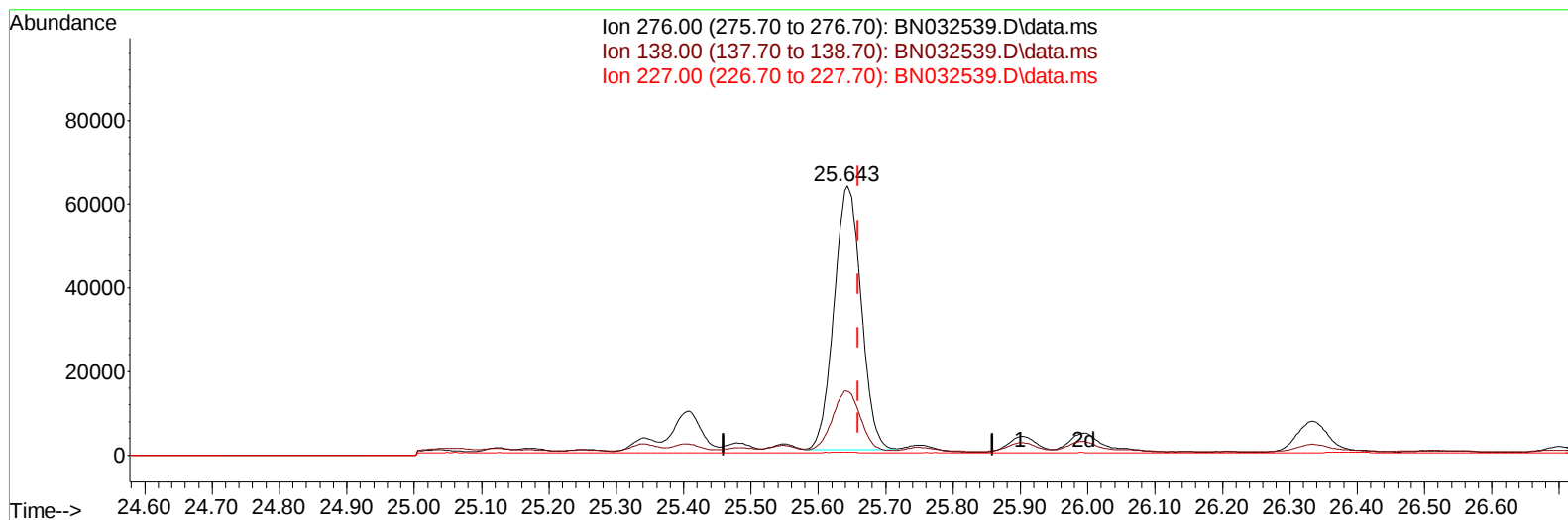
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

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

25.643min (-0.017) 1.64 ng/ul m

response 176102

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.55#
227.00	0.10	0.01#
0.00	0.00	0.00

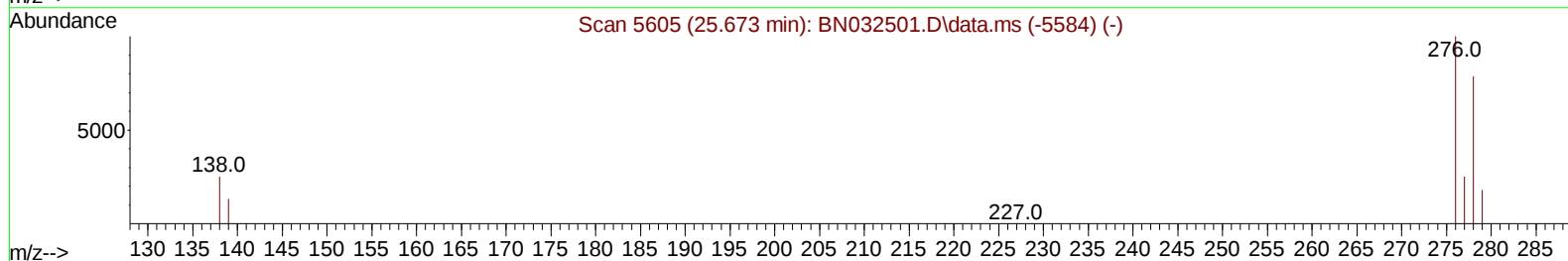
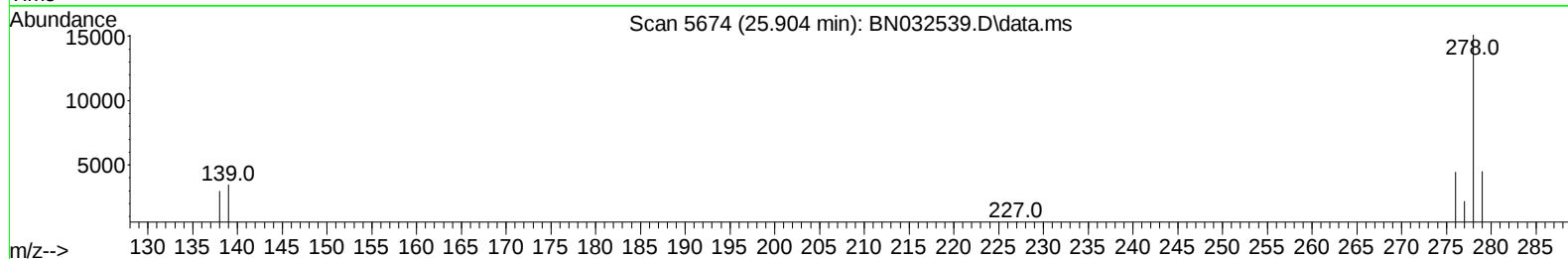
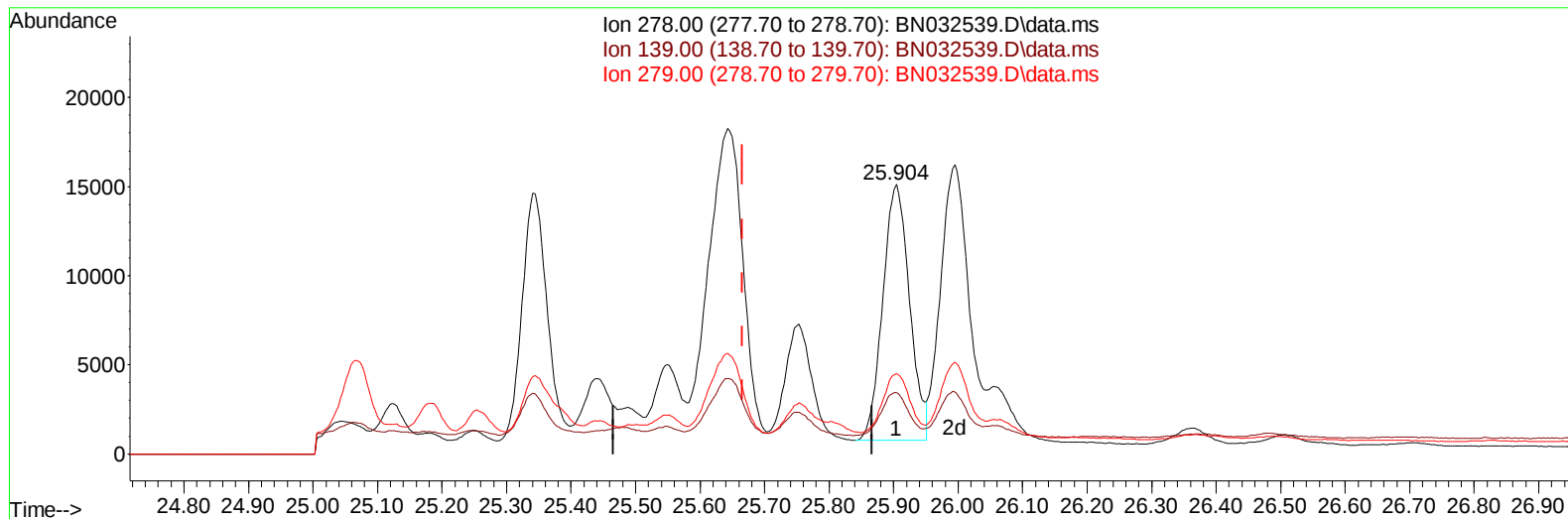
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(28) Dibenzo(a,h)anthracene

25.904min (+ 0.238) 0.52 ng/u1

response 41523

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	22.88
279.00	26.40	29.81
0.00	0.00	0.00

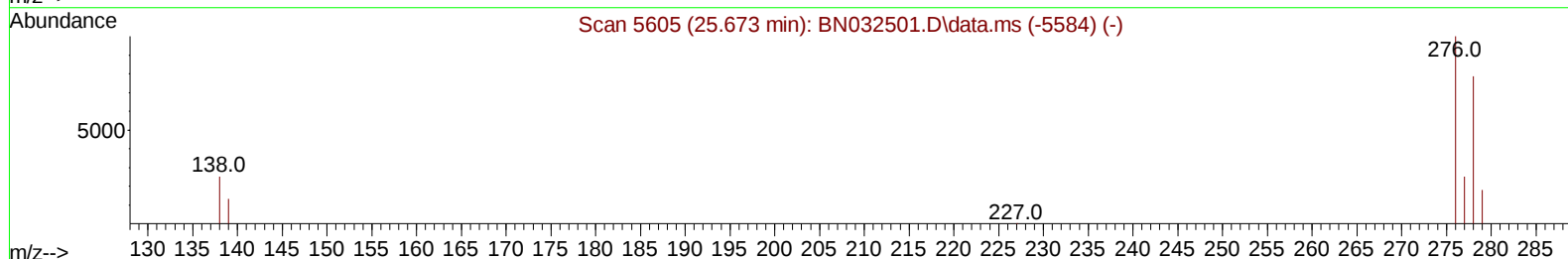
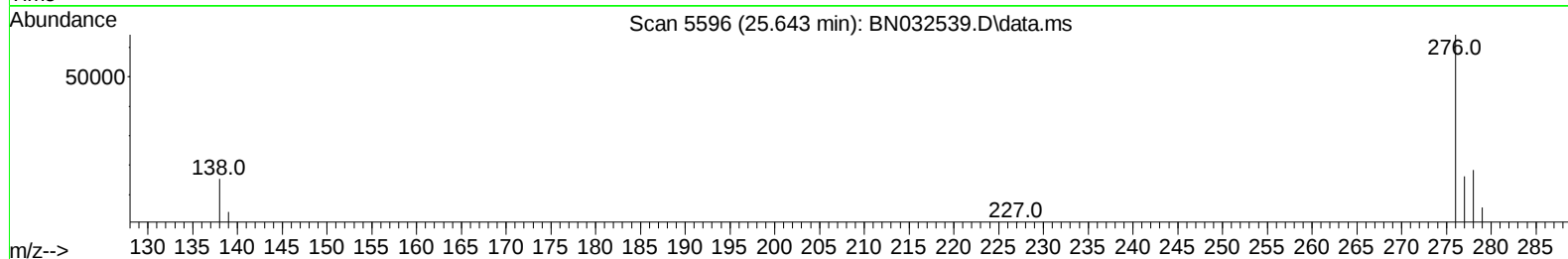
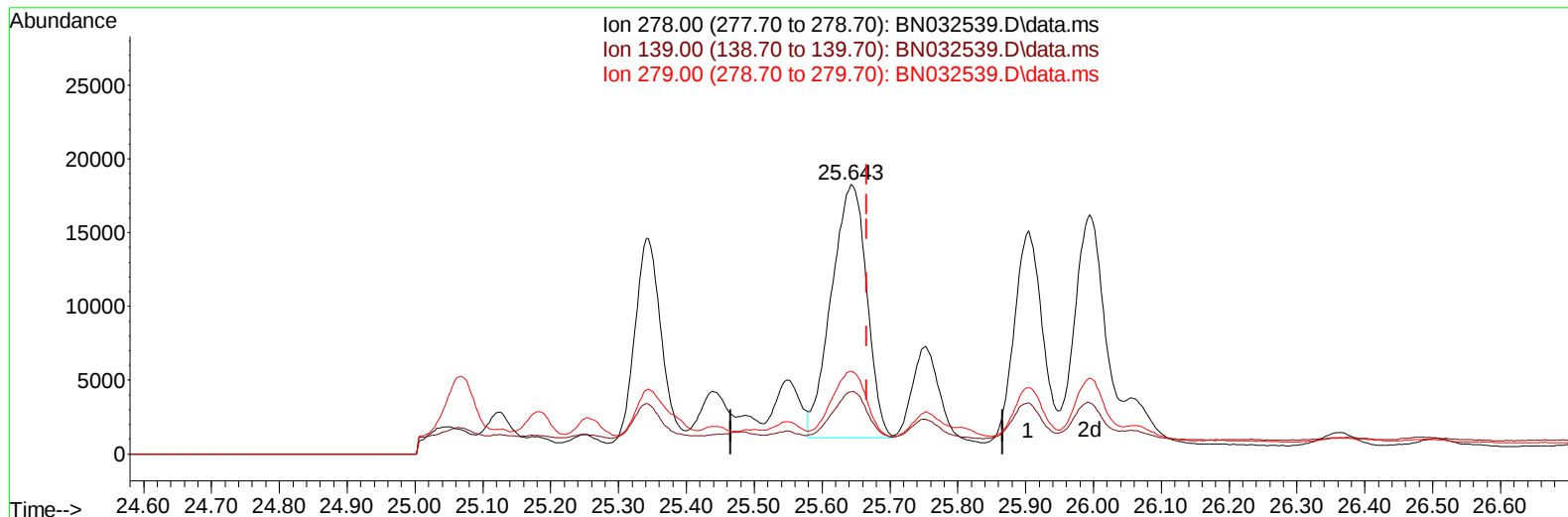
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

(28) Dibenzo(a,h)anthracene

25.643min (-0.024) 0.78 ng/u1 m

response 62004

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	23.12
279.00	26.40	30.85
0.00	0.00	0.00

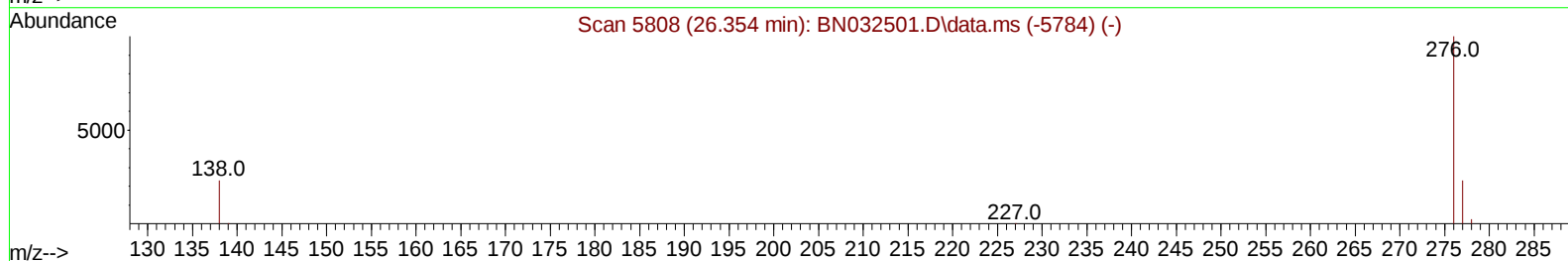
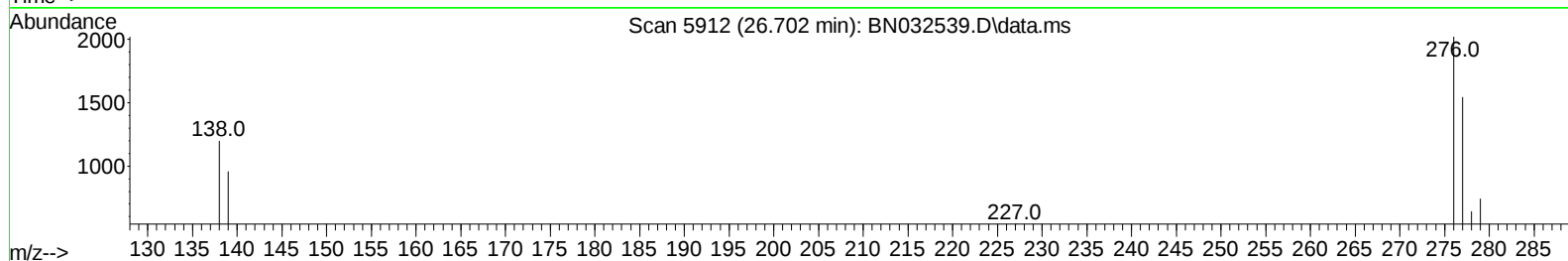
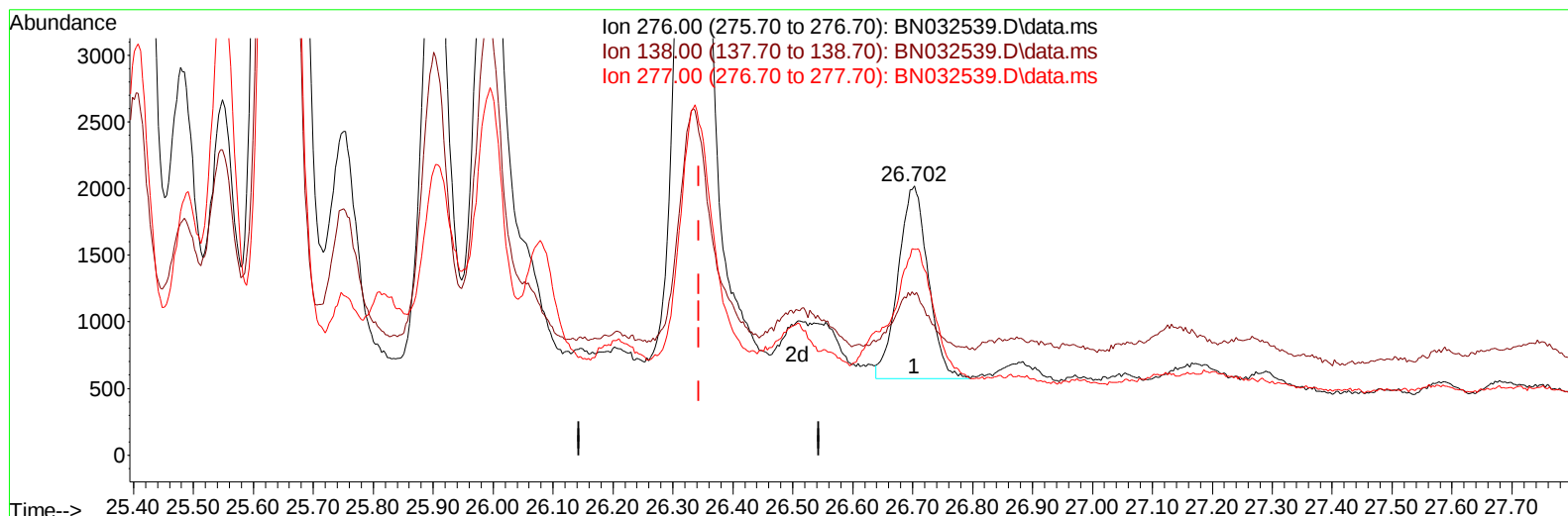
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

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

26.702min (+ 0.359) 0.06 ng/u1

response 4997

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	59.44#
277.00	24.70	76.57#
0.00	0.00	0.00

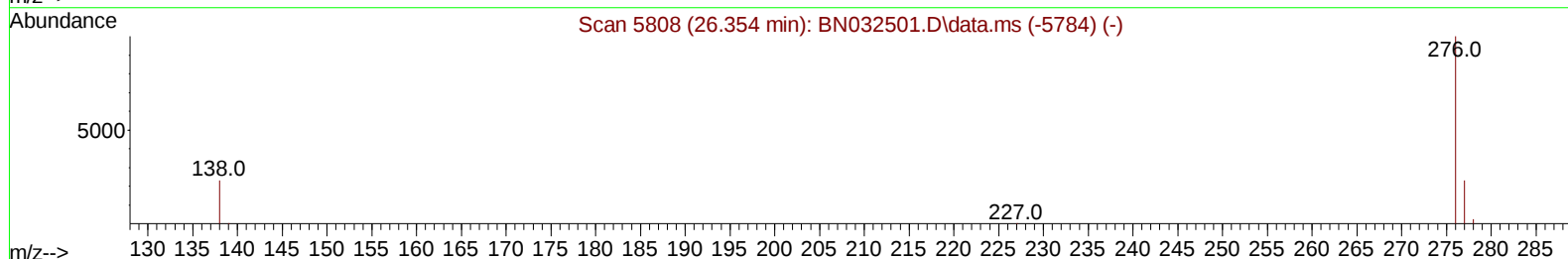
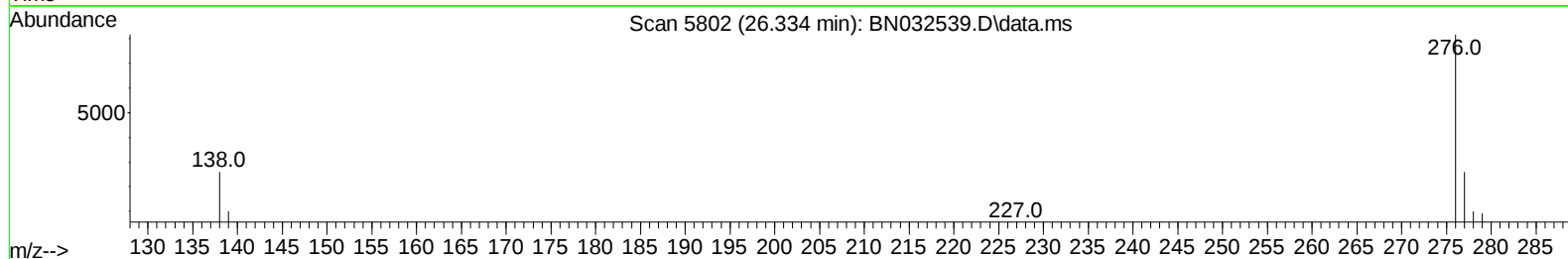
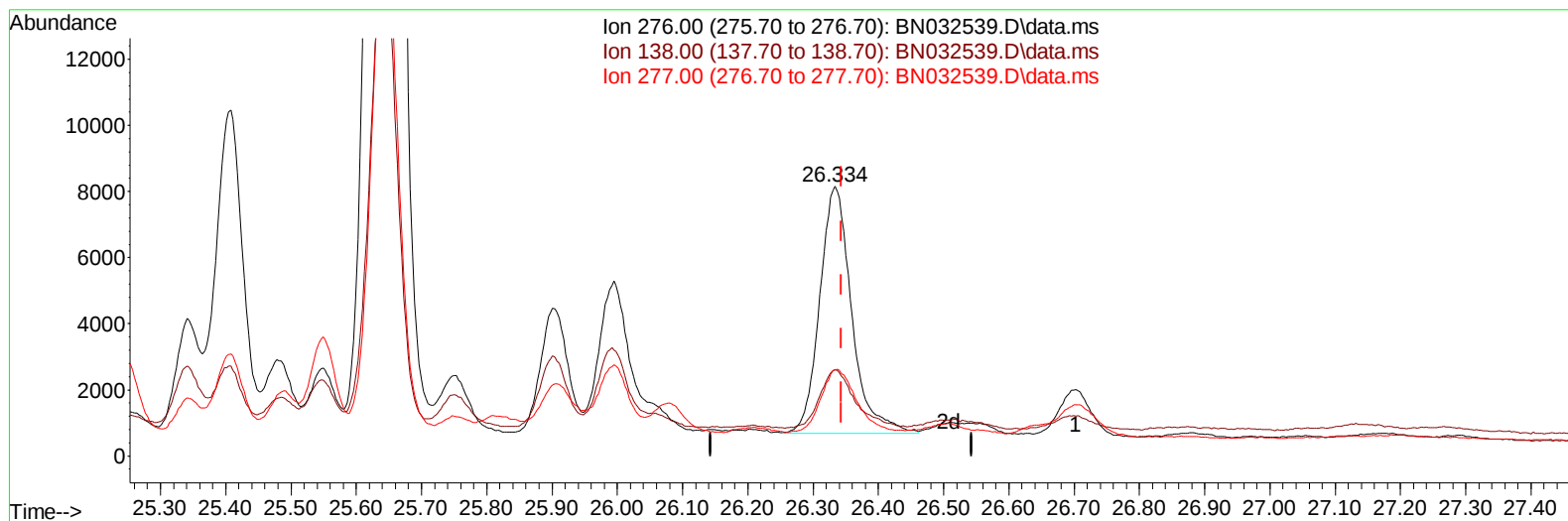
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 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 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032539.D\data.ms

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

26.334min (-0.010) 0.30 ng/ul m

response 25636

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	31.93#
277.00	24.70	31.89#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032539.D
 Acq On : 06 Jul 2024 10:36
 Operator : MA/JU
 Sample : P3065-01DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX6DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:44:31 2024
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 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	6516	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.365	136	18681	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.234	164	10325	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.990	188	20331m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.203	240	18181m	0.400	ng/ul	0.00
23) Perylene-d12	23.415	264	22666m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	7098	0.980	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	1794	0.064	ng/ul	-0.01
18) Fluoranthene-d10	19.031	212	4110m	0.075	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.415	128	9477	0.192	ng/ul	97
7) 2-Methylnaphthalene	12.042	142	3124	0.095	ng/ul	99
8) 1-Methylnaphthalene	12.262	142	2458	0.072	ng/ul	98
10) Acenaphthylene	13.957	152	24541	0.571	ng/ul	99
11) Acenaphthene	14.299	153	9799	0.294	ng/ul	99
12) Fluorene	15.294	166	11434	0.288	ng/ul	99
15) Phenanthrene	17.033	178	257515m	4.620	ng/ul	
16) Anthracene	17.126	178	53075m	1.068	ng/ul	
19) Fluoranthene	19.059	202	615237m	8.887	ng/ul	
20) Pyrene	19.426	202	442076m	6.110	ng/ul	
21) Benzo(a)anthracene	21.185	228	292562m	4.458	ng/ul	
22) Chrysene	21.238	228	341825m	4.746	ng/ul	
24) Benzo(b)fluoranthene	22.751	252	488401m	4.960	ng/ul	
25) Benzo(k)fluoranthene	22.792	252	183489m	1.918	ng/ul	
26) Benzo(a)pyrene	23.318	252	174786m	2.551	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.643	276	176102m	1.642	ng/ul	
28) Dibenzo(a,h)anthracene	25.643	278	62004m	0.778	ng/ul	
29) Benzo(g,h,i)perylene	26.334	276	25636m	0.300	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 07 23:44:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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