

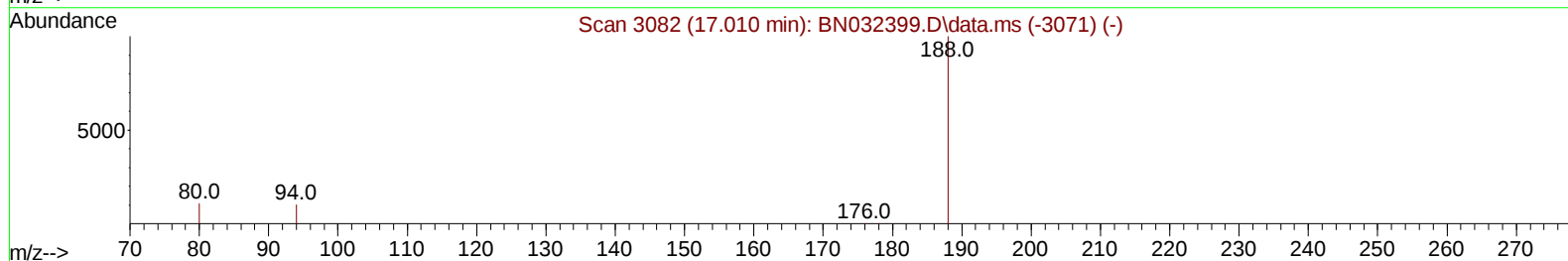
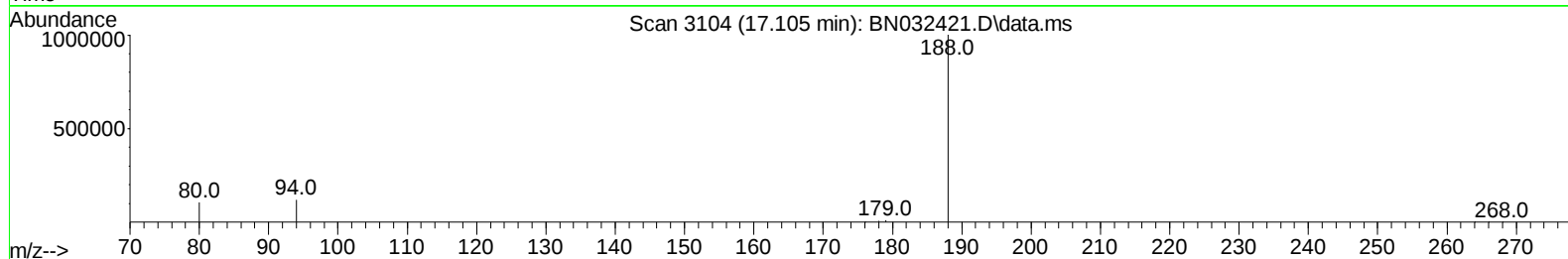
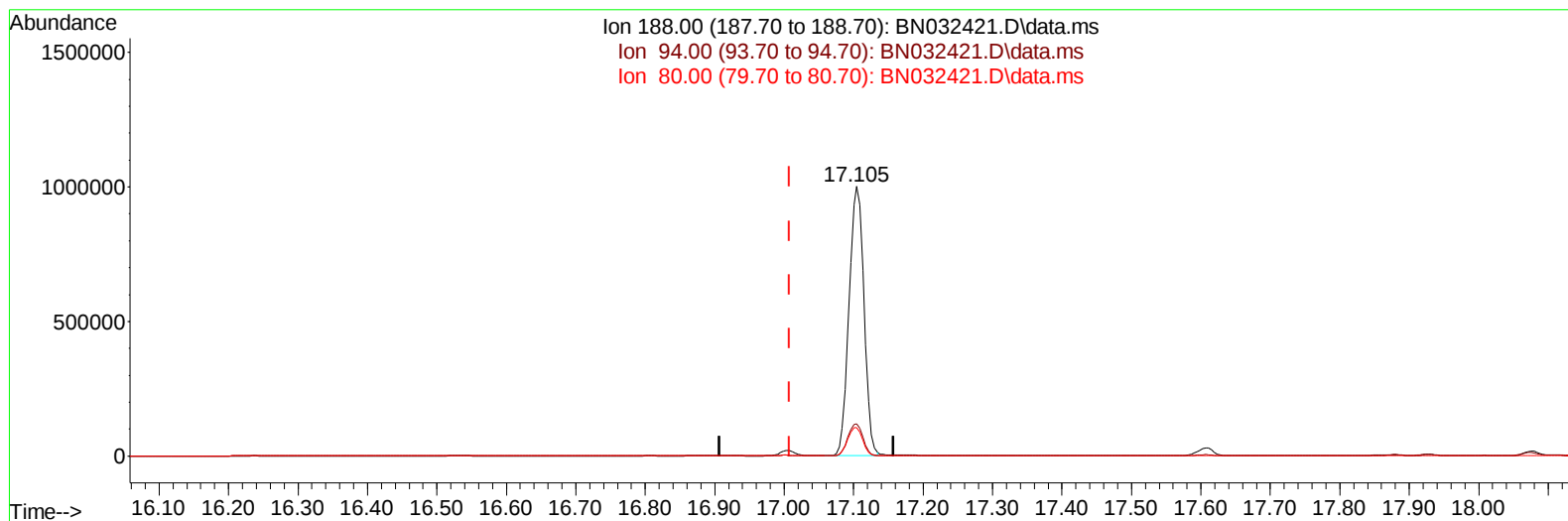
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.097) 0.40 ng/u1

response 1487876

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.02
80.00	10.50	10.61
0.00	0.00	0.00

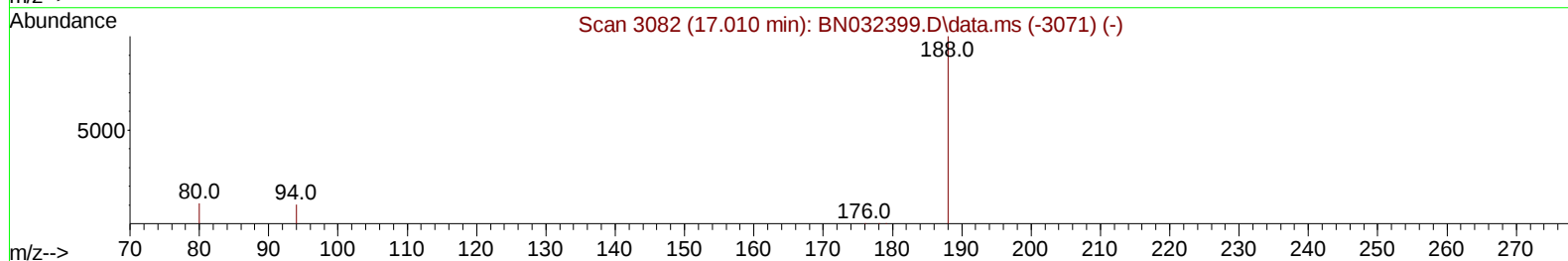
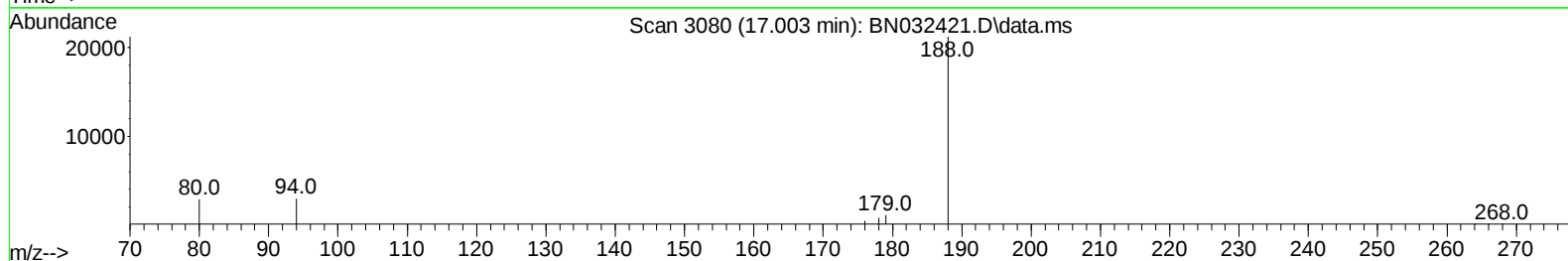
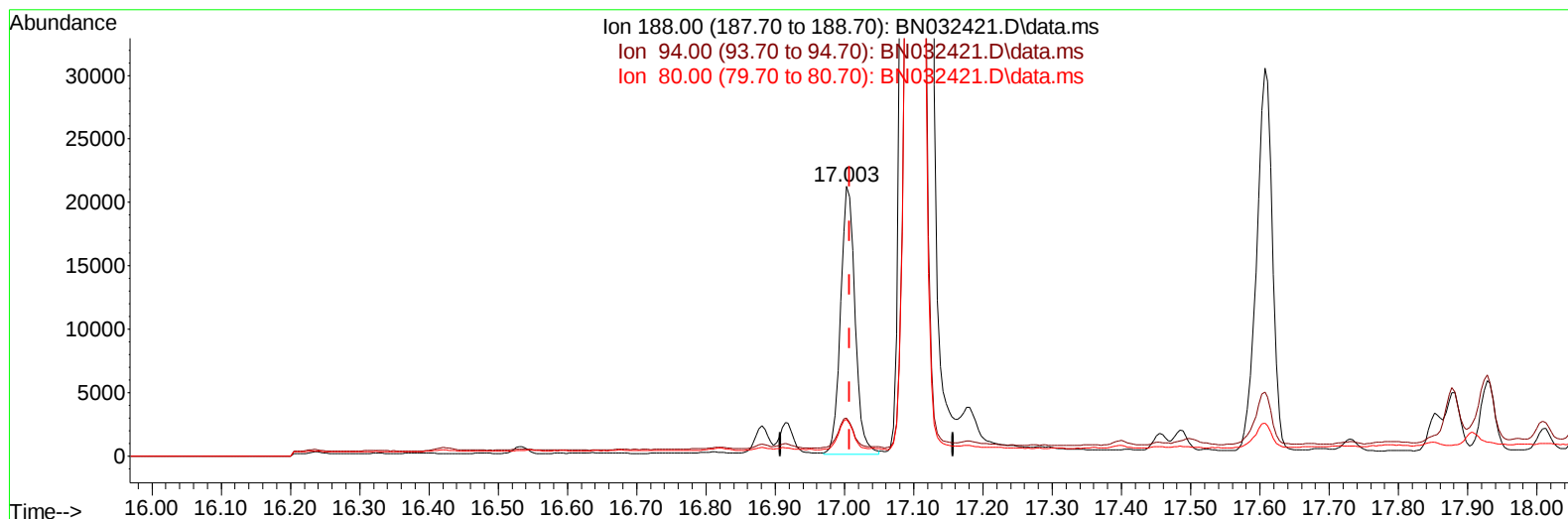
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032421.D
 Acq On : 03 Jul 2024 03:59
 Operator : MA/JU
 Sample : P2963-05
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(13) Phenanthrene-d10 (I)

17.003min (-0.004) 0.40 ng/ul m

response 30697

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	13.99#
80.00	10.50	13.48#
0.00	0.00	0.00

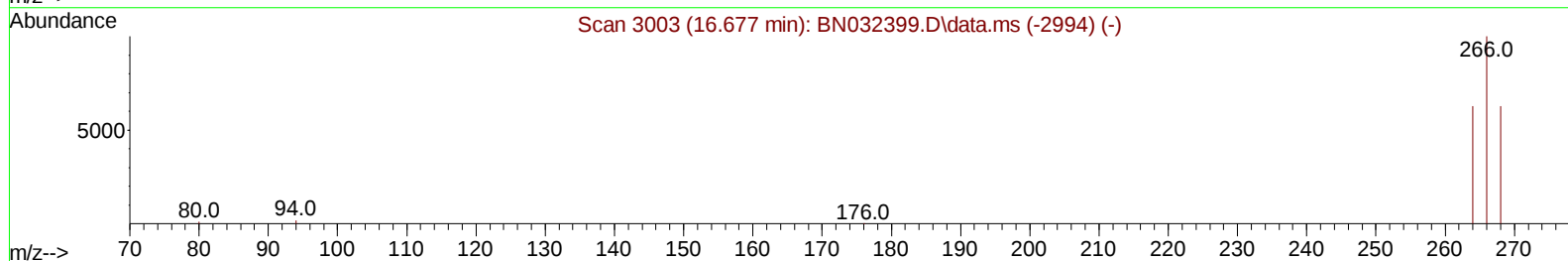
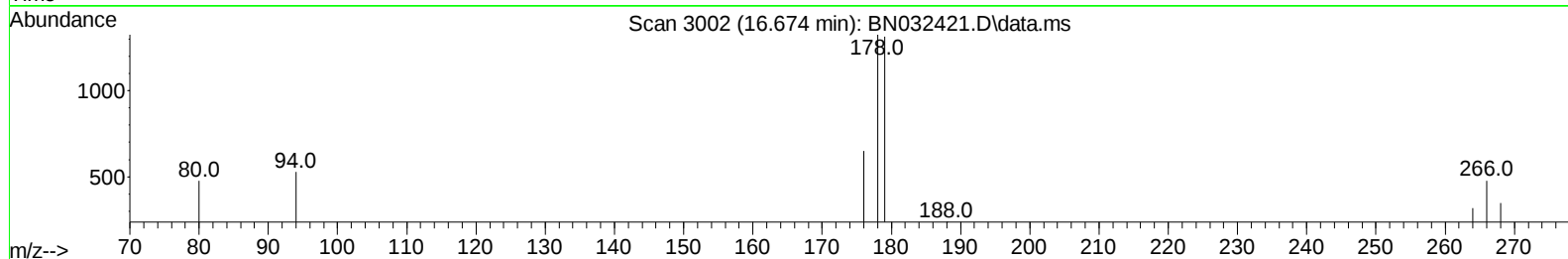
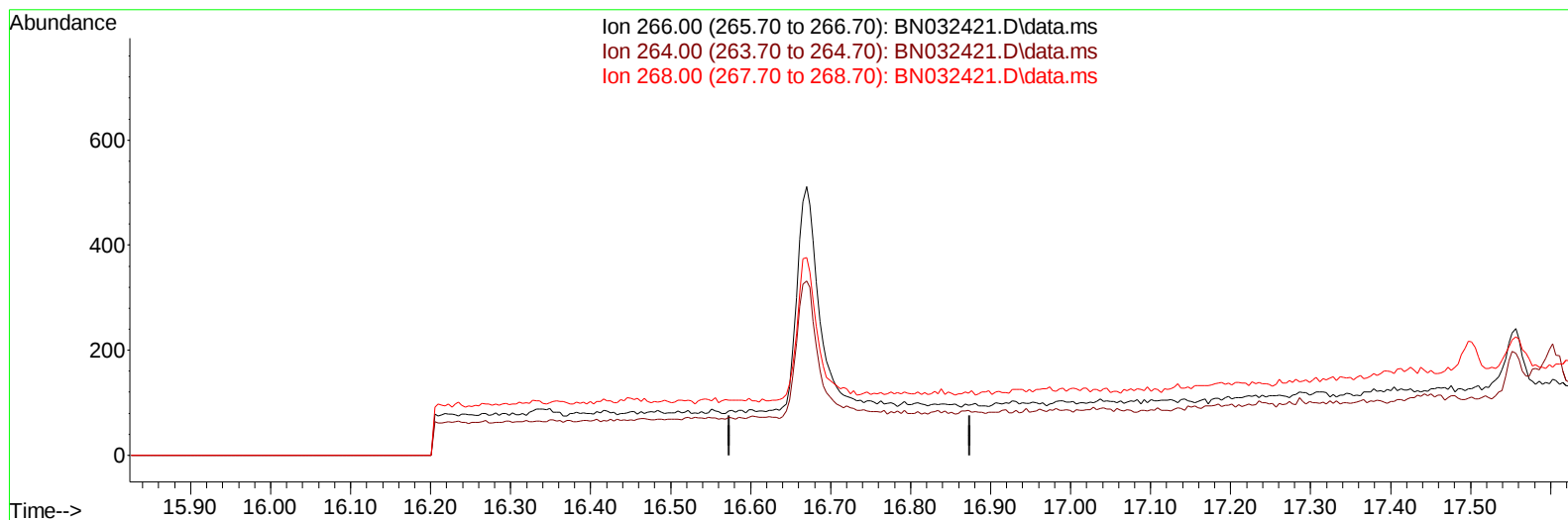
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(14) Pentachloropheno1

16.674min (-16.674) 0.00 ng/u1

response 0

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

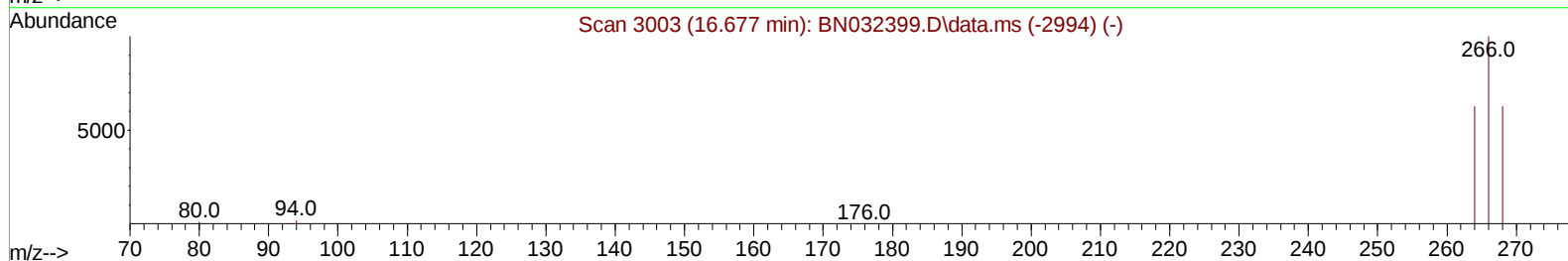
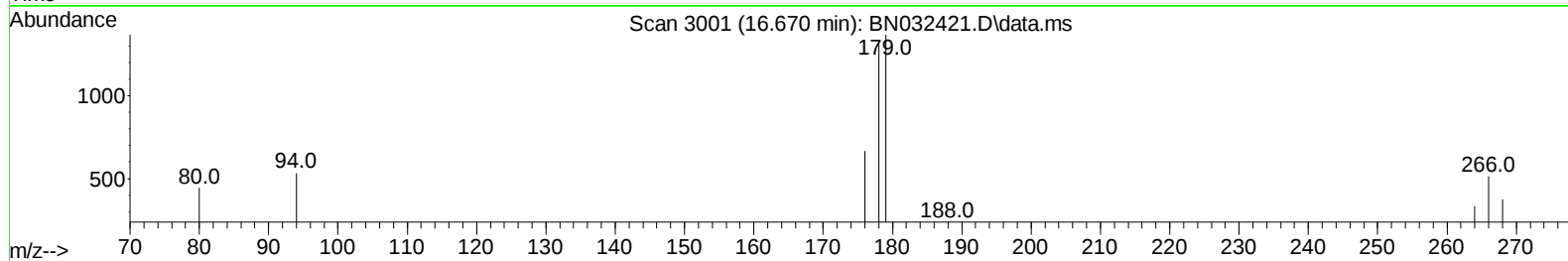
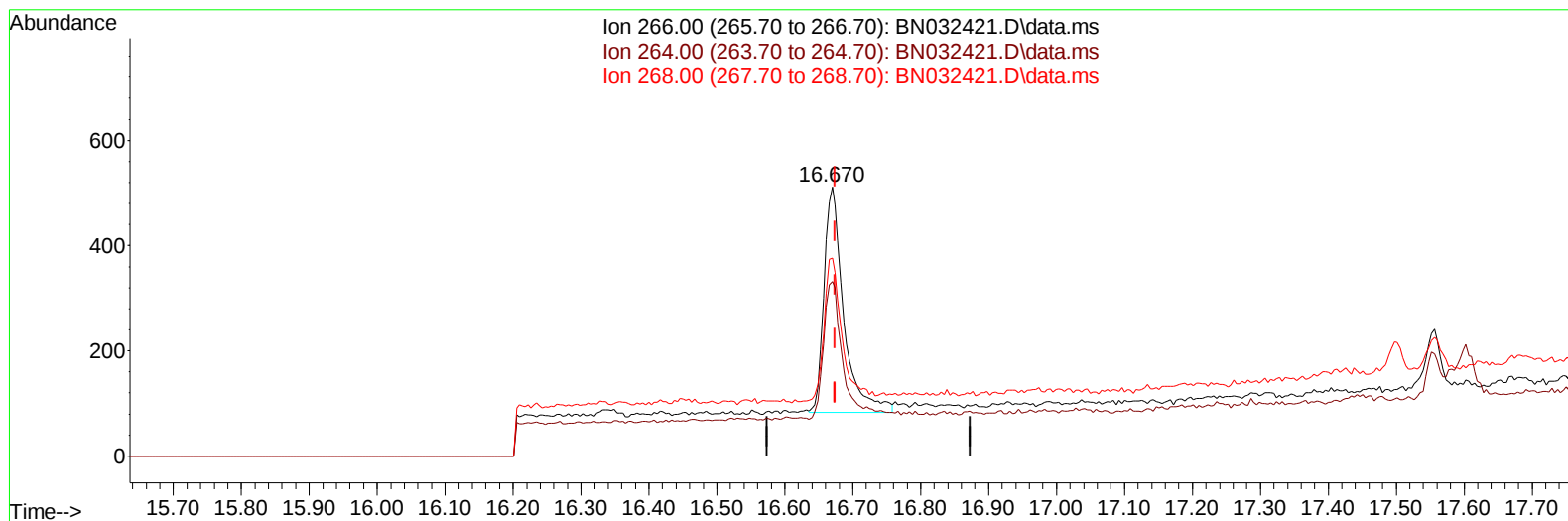
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(14) Pentachloropheno1

16.670min (-0.004) 0.12 ng/ul m

response 858

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

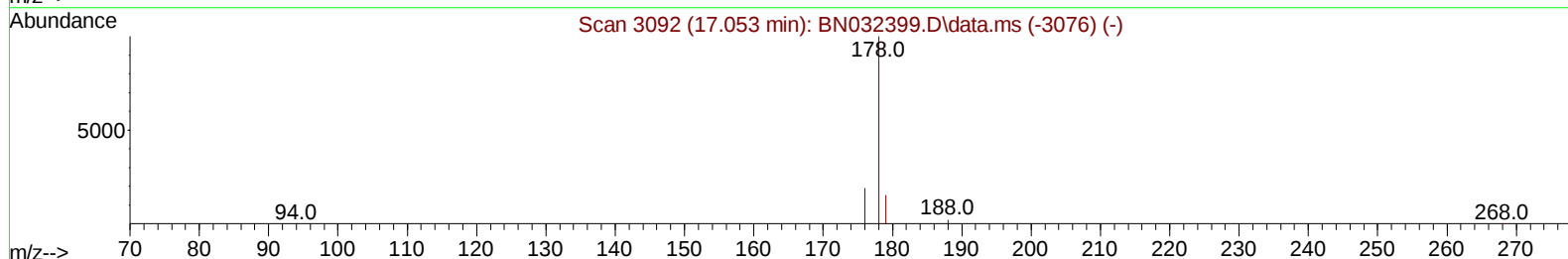
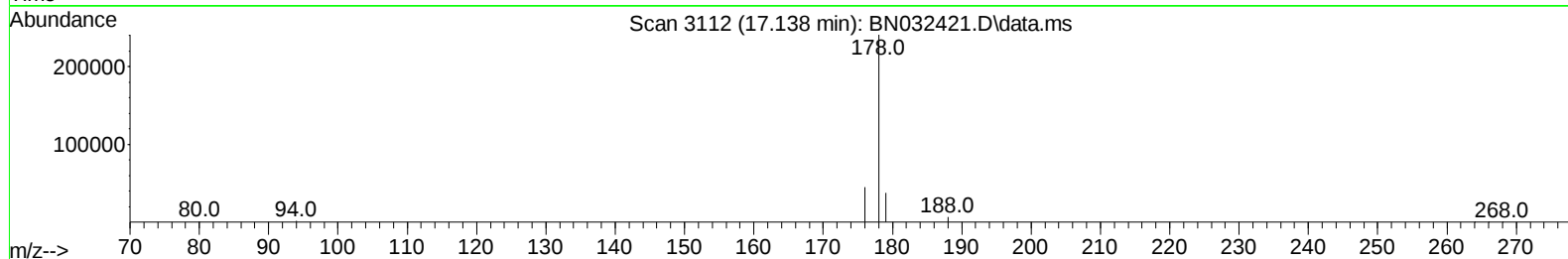
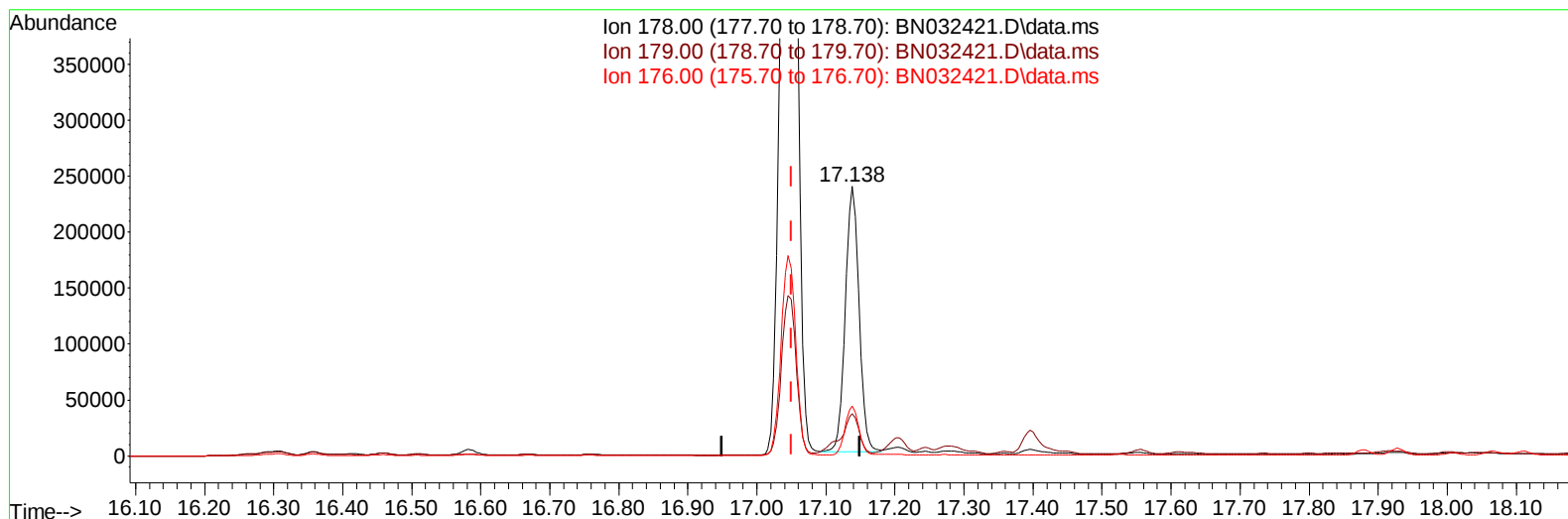
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(15) Phenanthrene

17.138min (+ 0.089) 3.87 ng/u1

response 325868

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.69
176.00	19.50	18.58
0.00	0.00	0.00

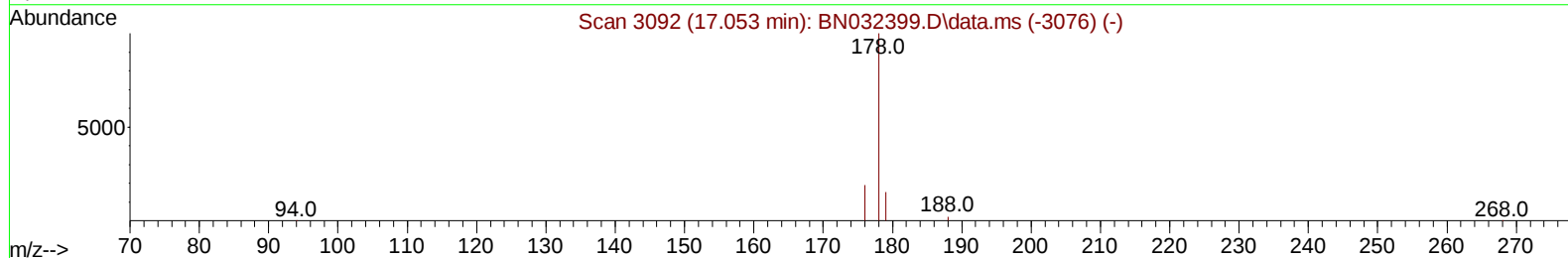
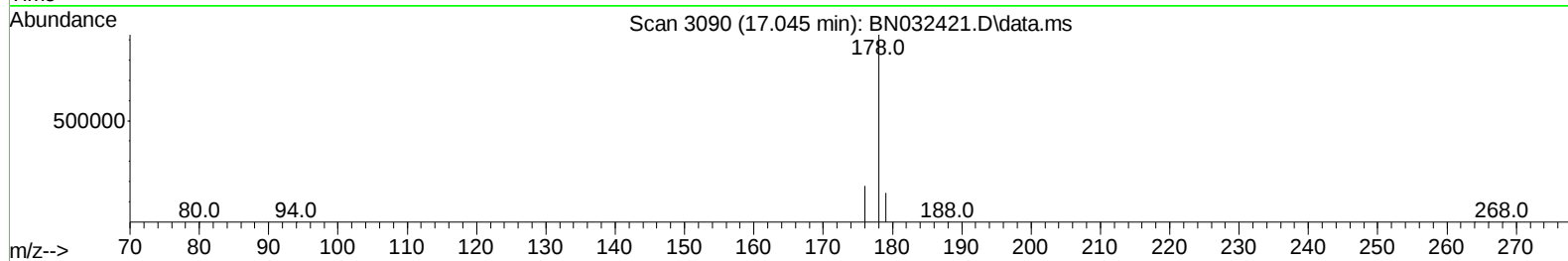
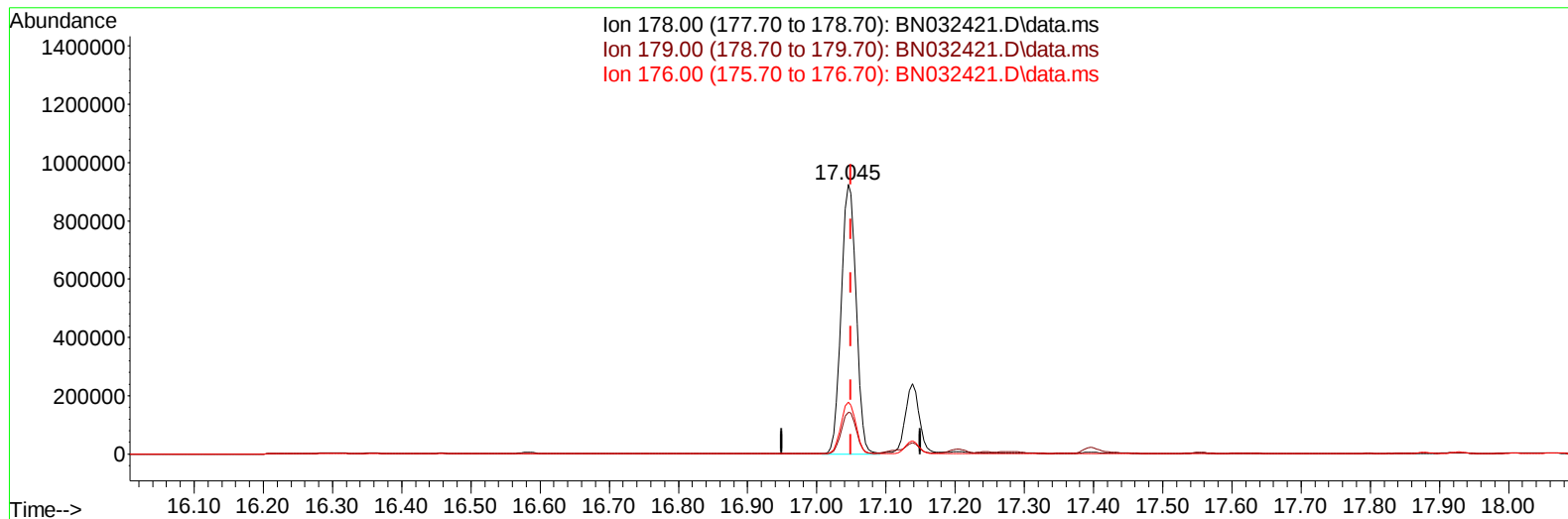
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(15) Phenanthrene

17.045min (-0.004) 16.52 ng/ul m

response 1390642

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.50
176.00	19.50	19.35
0.00	0.00	0.00

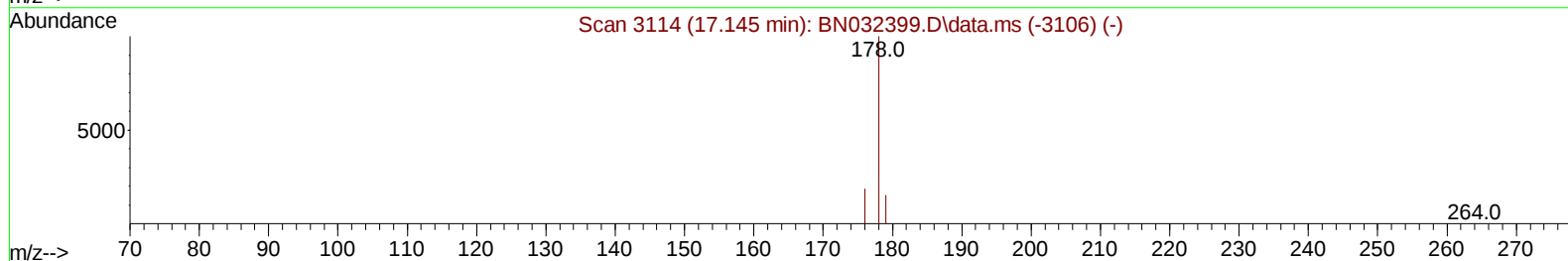
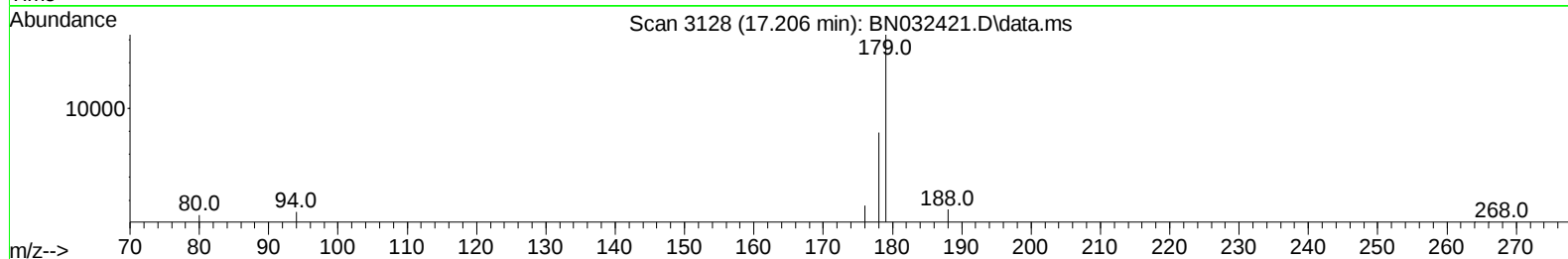
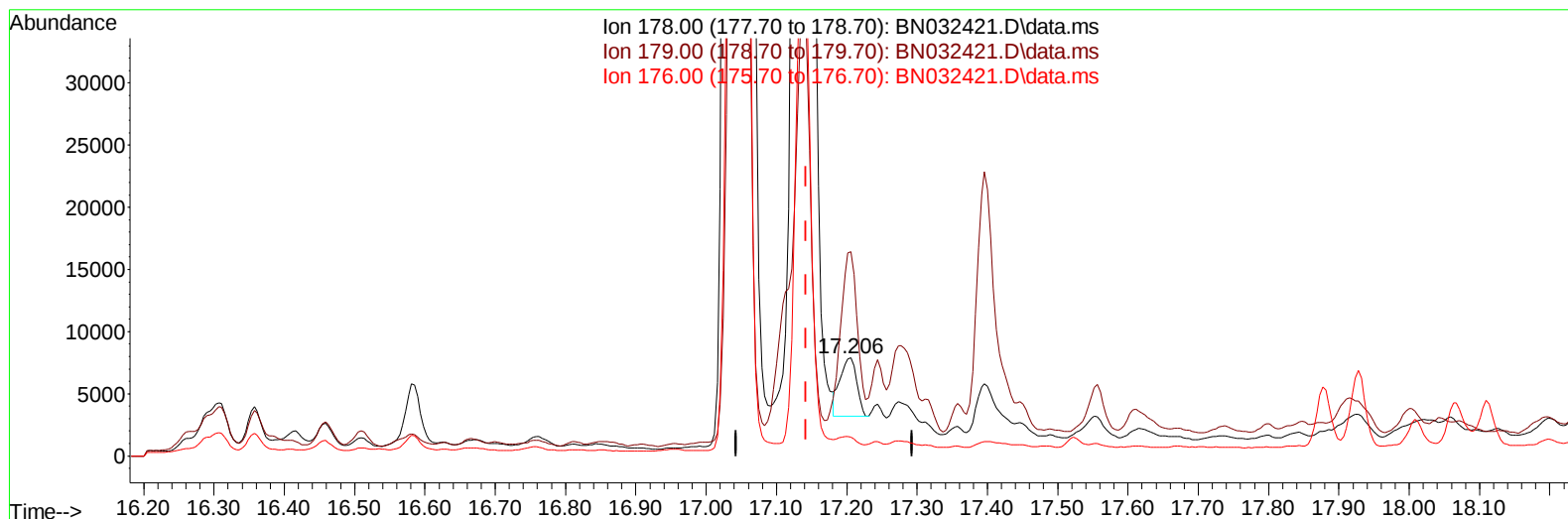
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(16) Anthracene

17.206min (+ 0.063) 0.10 ng/u1

response 7728

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	208.40#
176.00	18.80	19.27
0.00	0.00	0.00

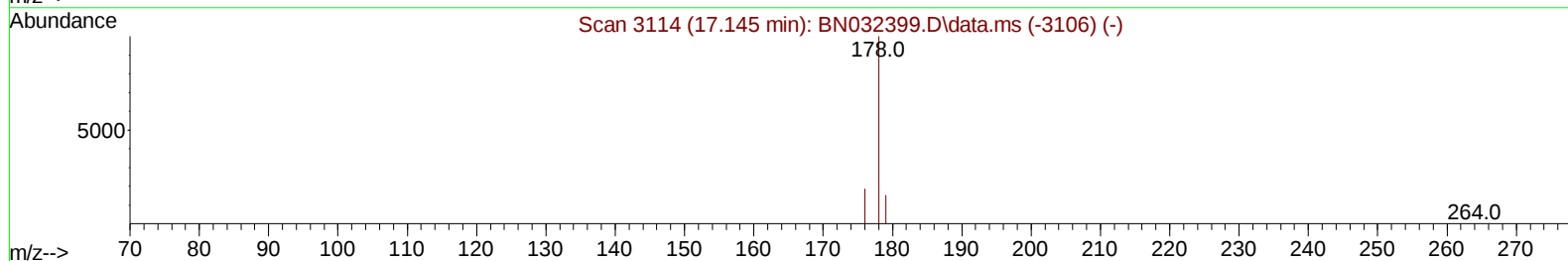
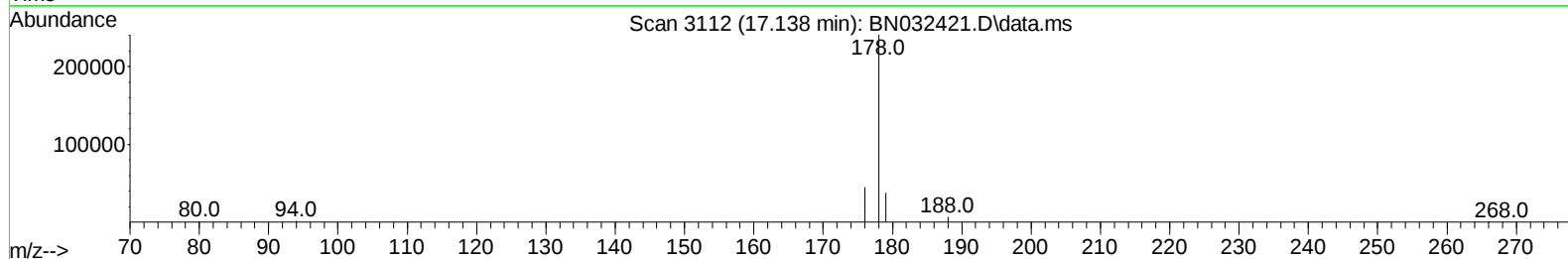
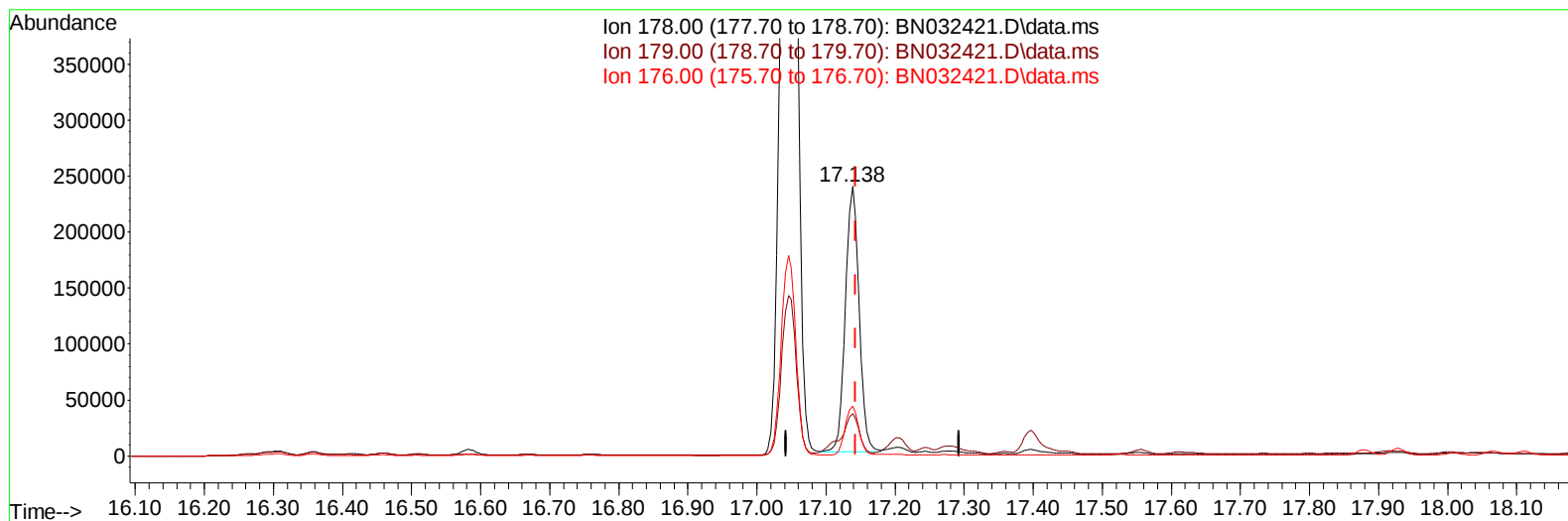
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 04:23:47 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



TIC: BN032421.D\data.ms

(16) Anthracene

17.138min (-0.004) 4.37 ng/ul m

response 327900

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.69
176.00	18.80	18.58
0.00	0.00	0.00

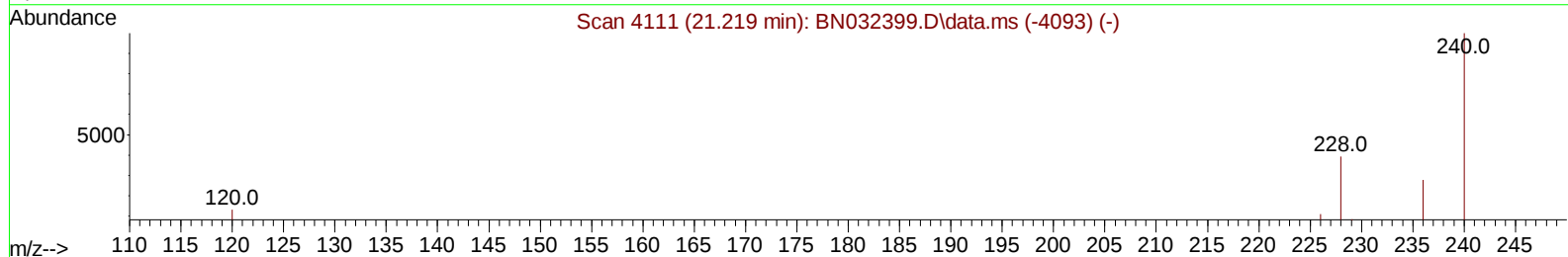
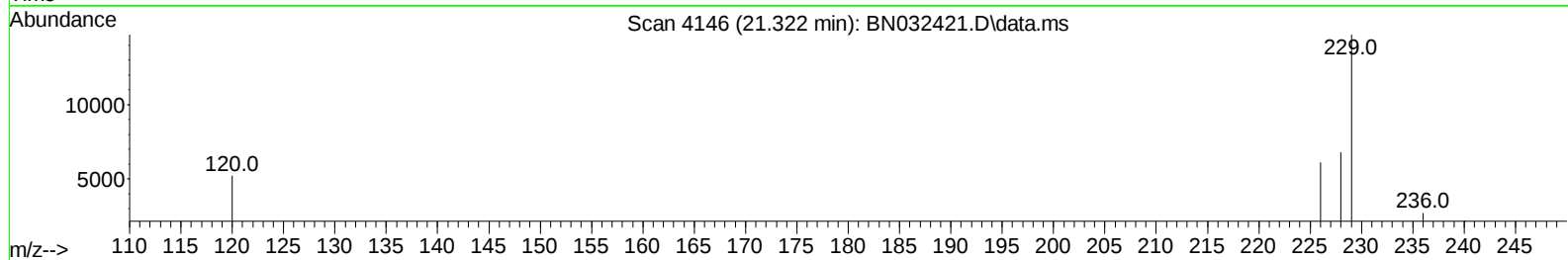
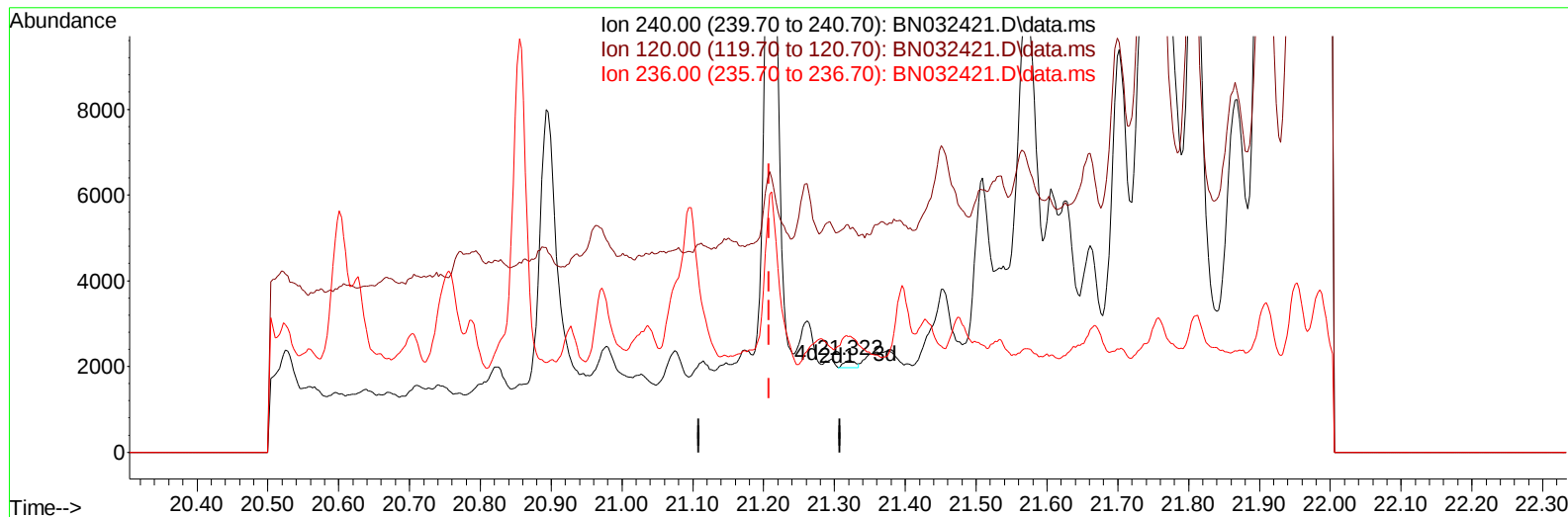
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
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TIC: BN032421.D\data.ms

(17) Chrysene-d12

21.322min (+ 0.114) 0.40 ng/u1

response 207

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	241.75#
236.00	28.40	125.85#
0.00	0.00	0.00

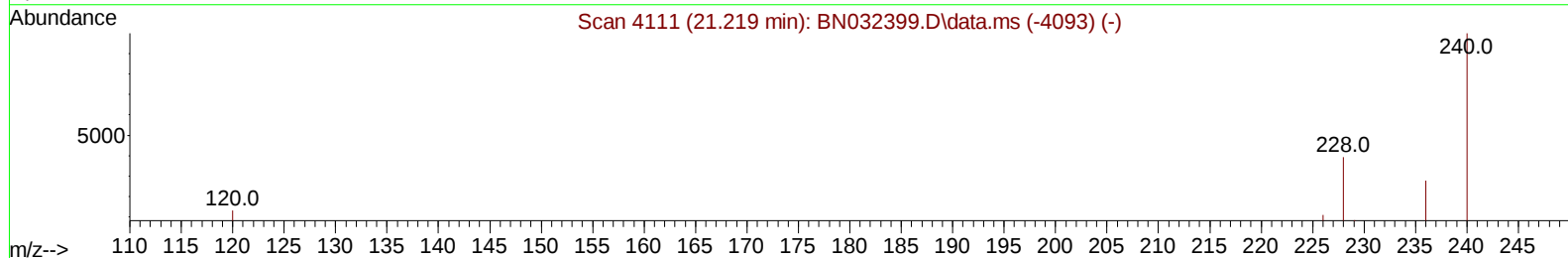
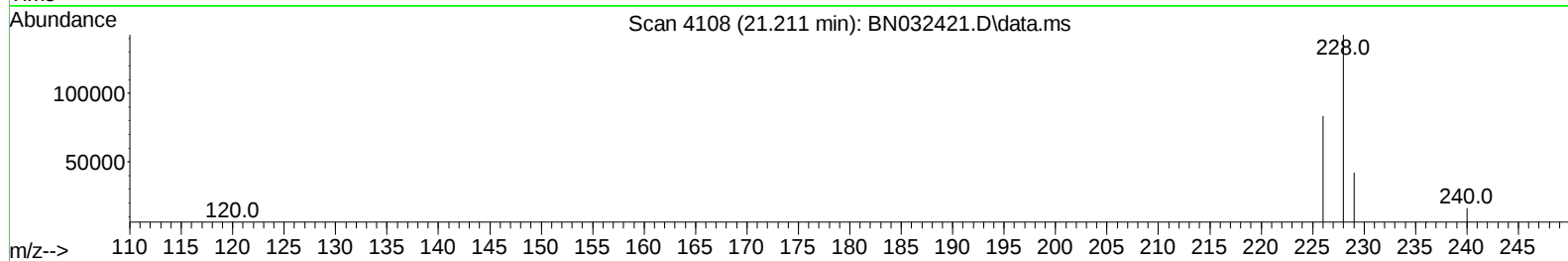
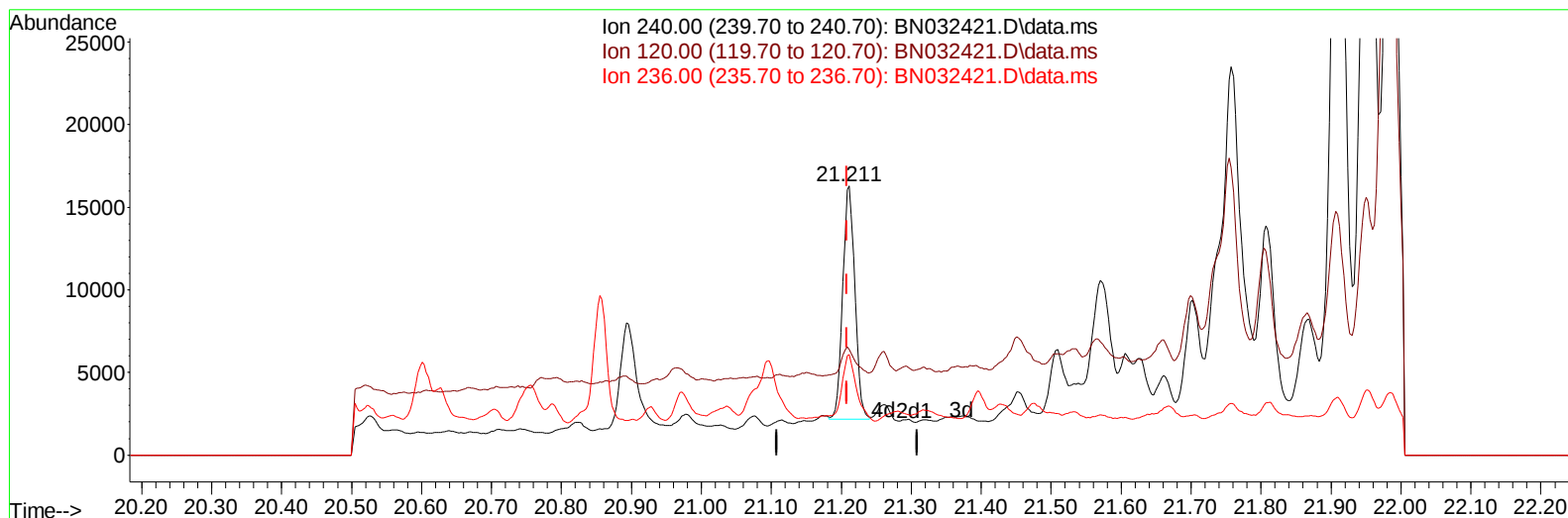
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(17) Chrysene-d12

21.211min (+ 0.003) 0.40 ng/ul m

response 16955

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	39.31#
236.00	28.40	37.31#
0.00	0.00	0.00

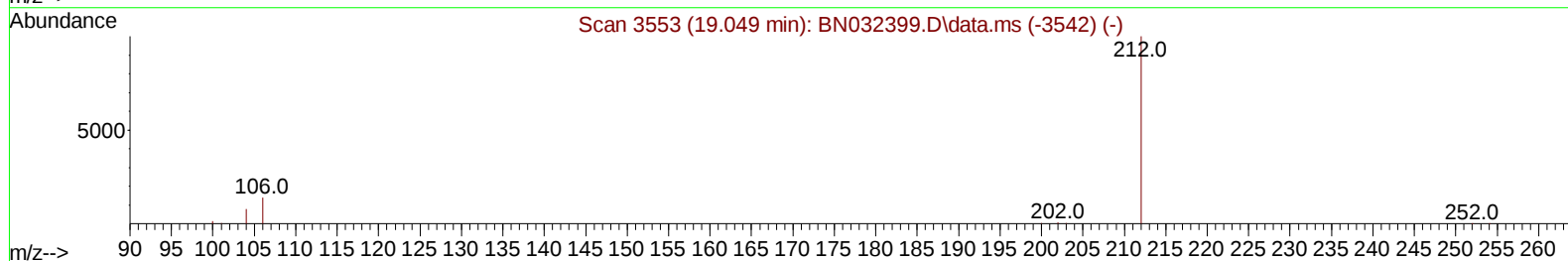
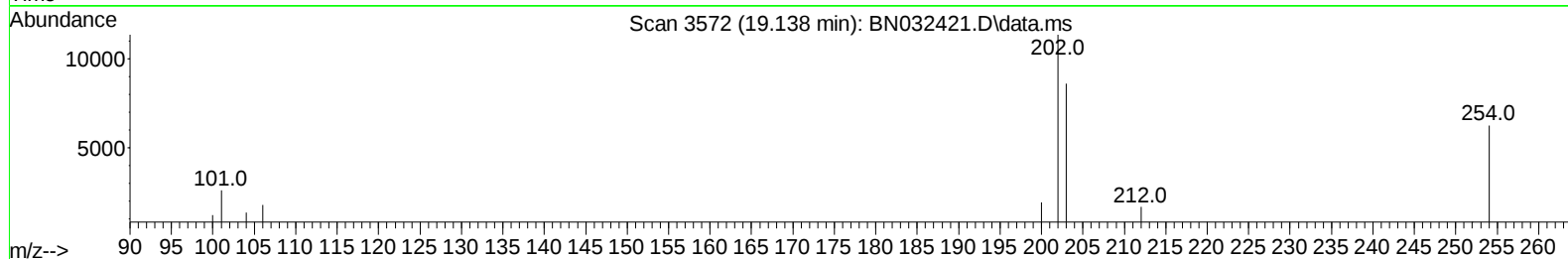
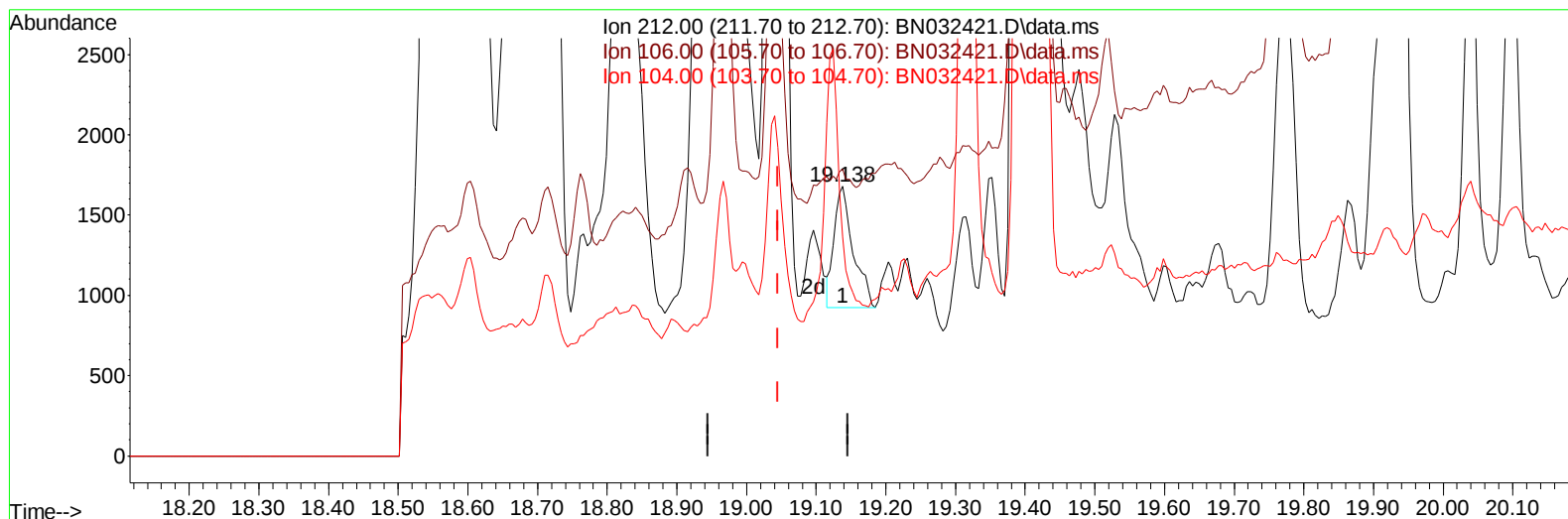
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.138min (+ 0.093) 0.03 ng/u1

response 1434

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	10.67#
104.00	8.40	0.00#
0.00	0.00	0.00

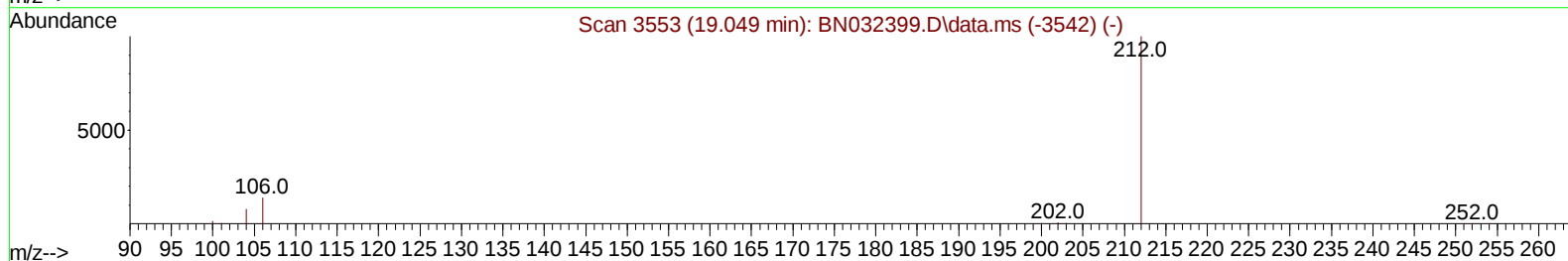
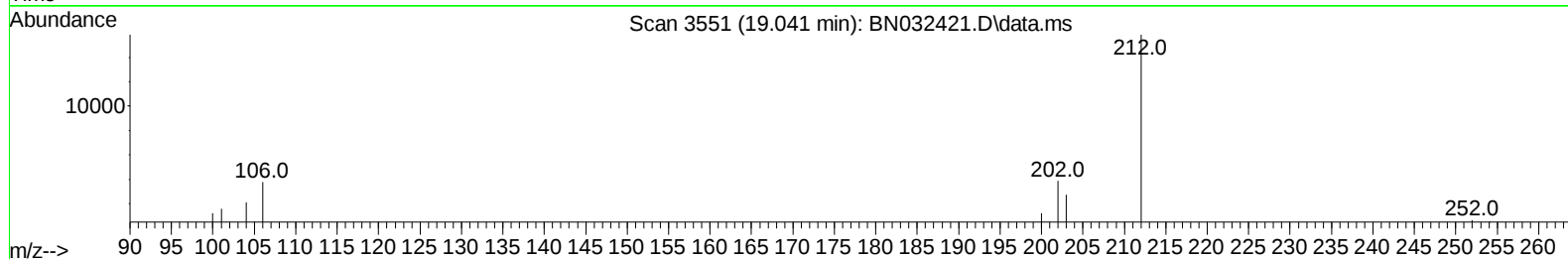
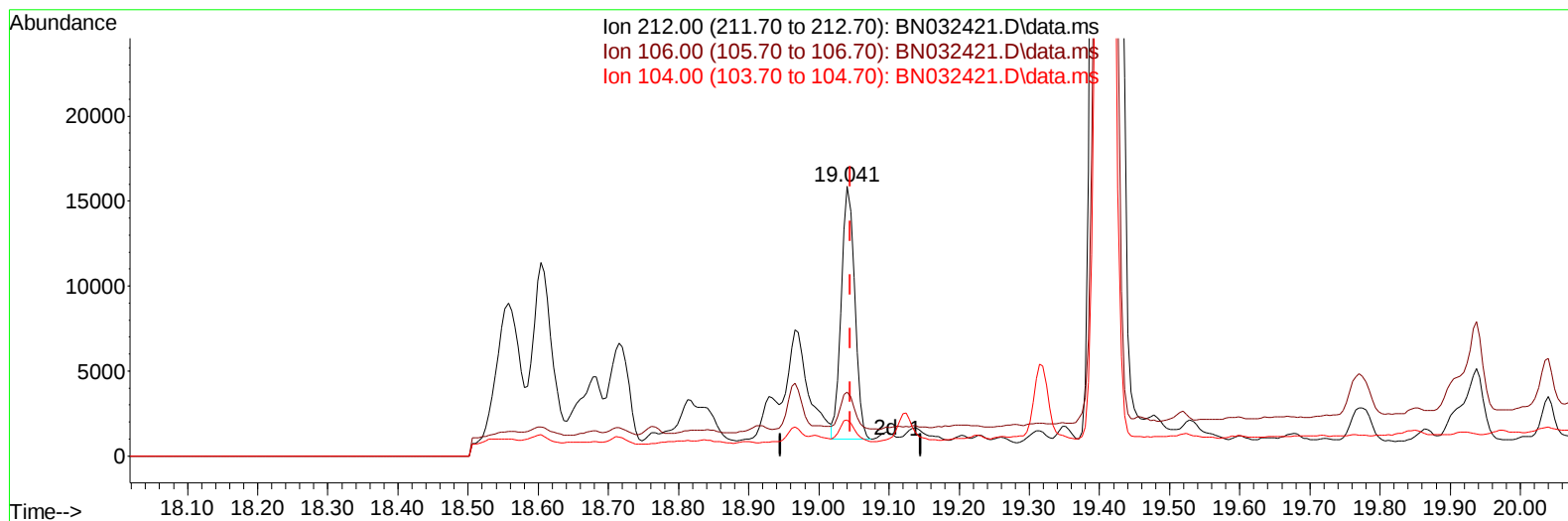
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.005) 0.39 ng/u1 m

response 19677

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.78#
104.00	8.40	0.00#
0.00	0.00	0.00

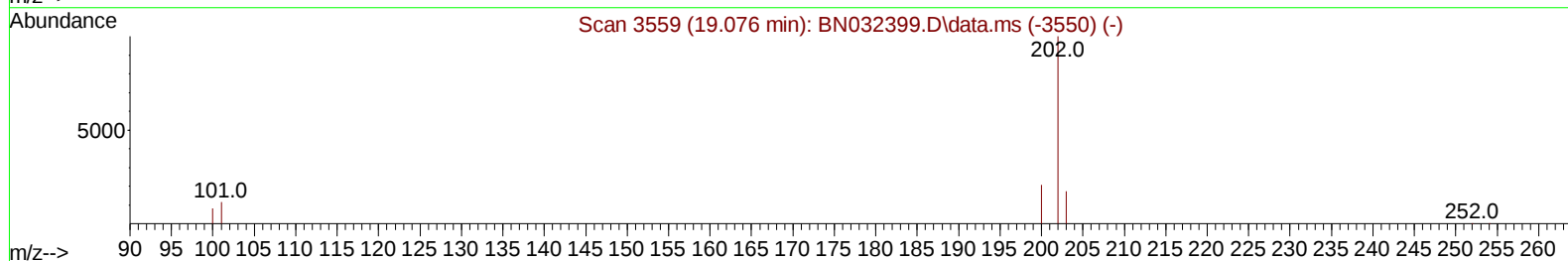
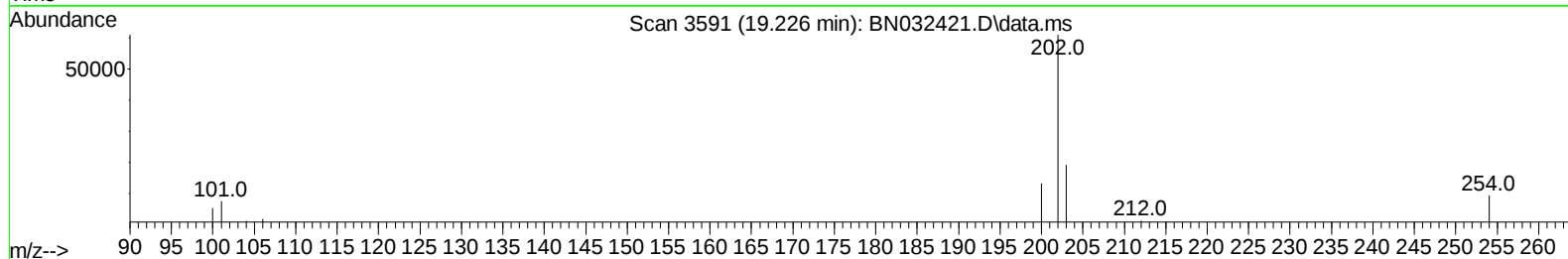
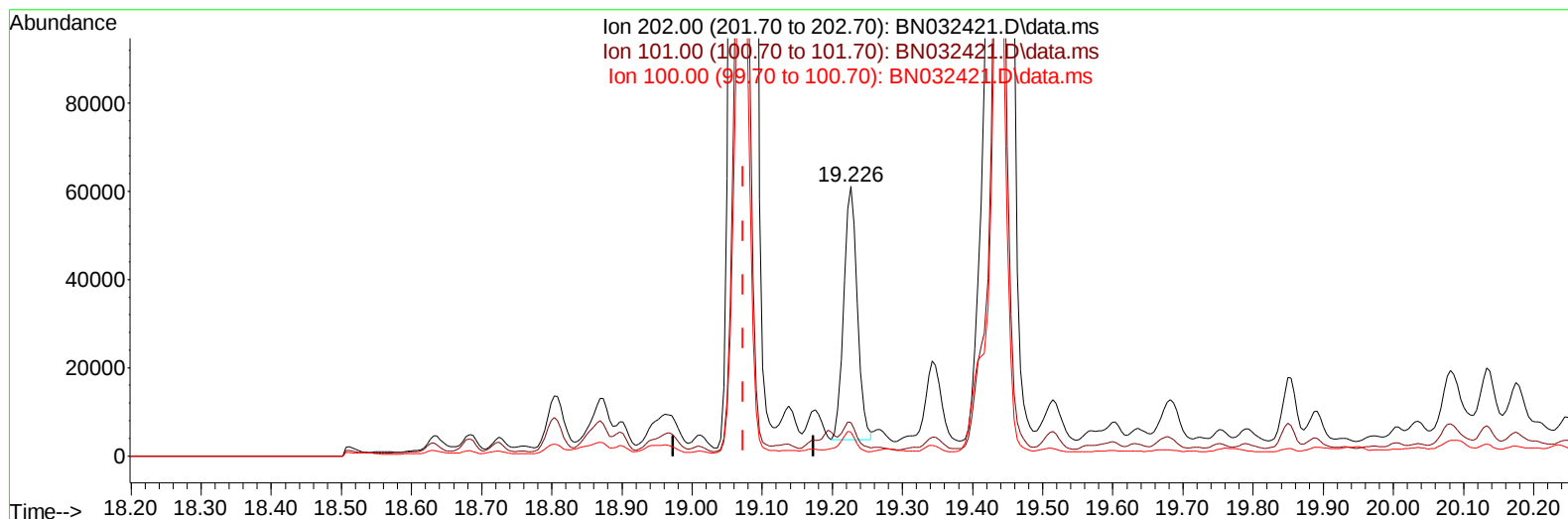
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(19) Fluoranthene (C)

19.226min (+ 0.153) 1.20 ng/u1

response 77453

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	12.31
100.00	8.00	8.75
0.00	0.00	0.00

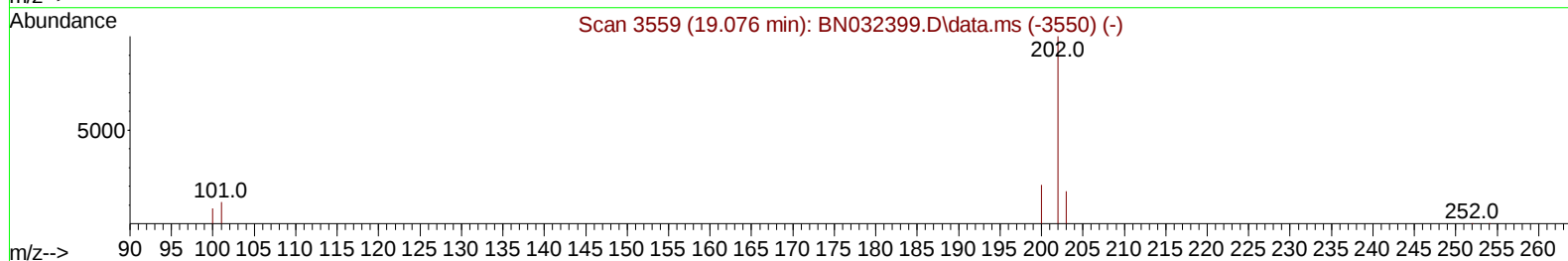
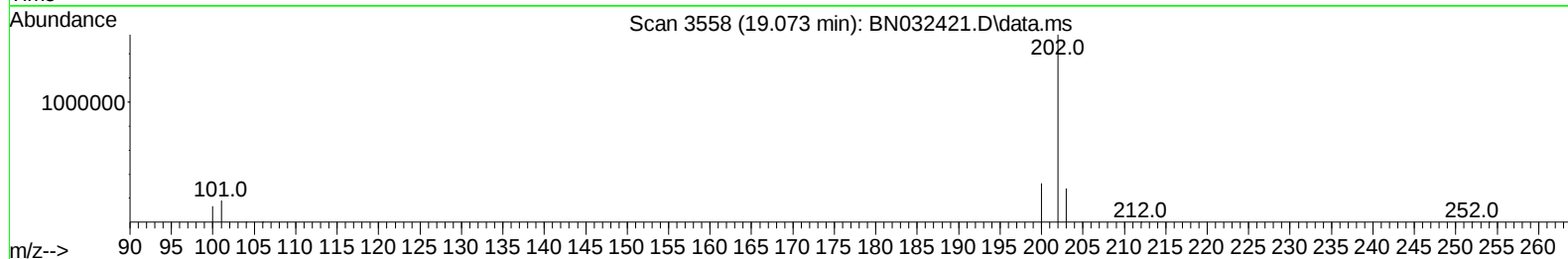
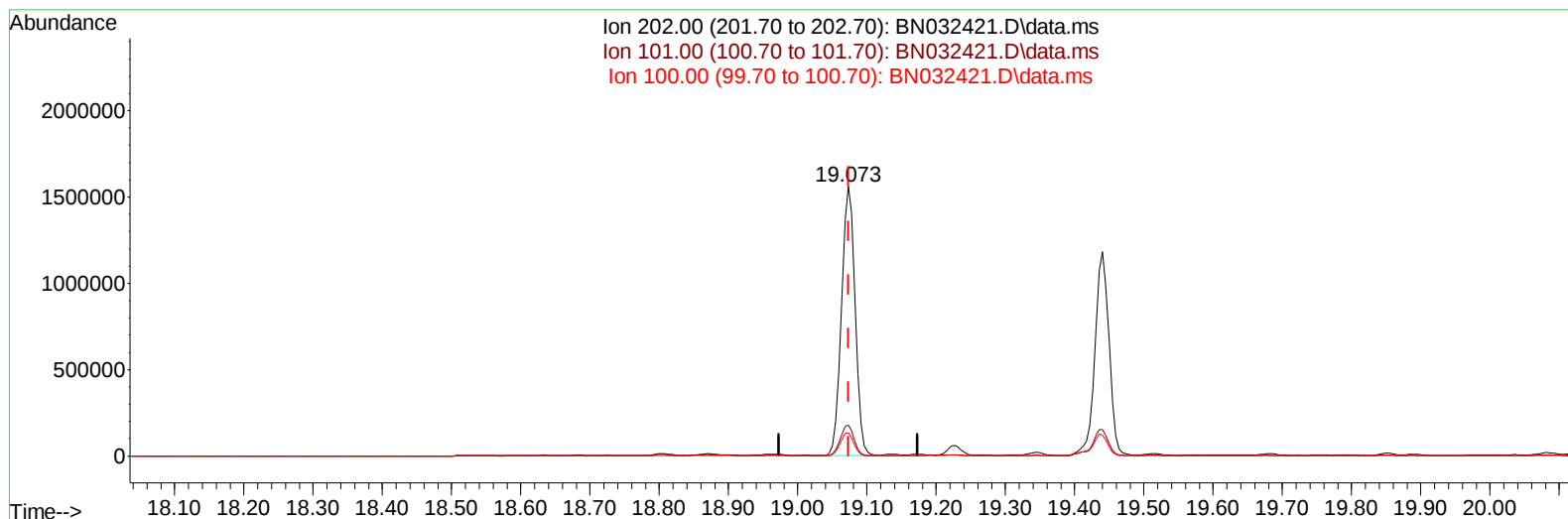
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(19) Fluoranthene (C)

19.073min (-0.000) 33.42 ng/ul m

response 2157552

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.54
100.00	8.00	8.57
0.00	0.00	0.00

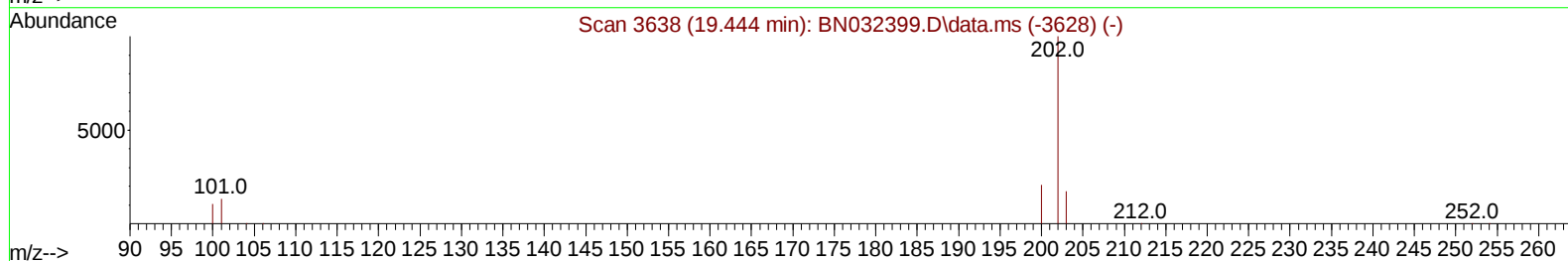
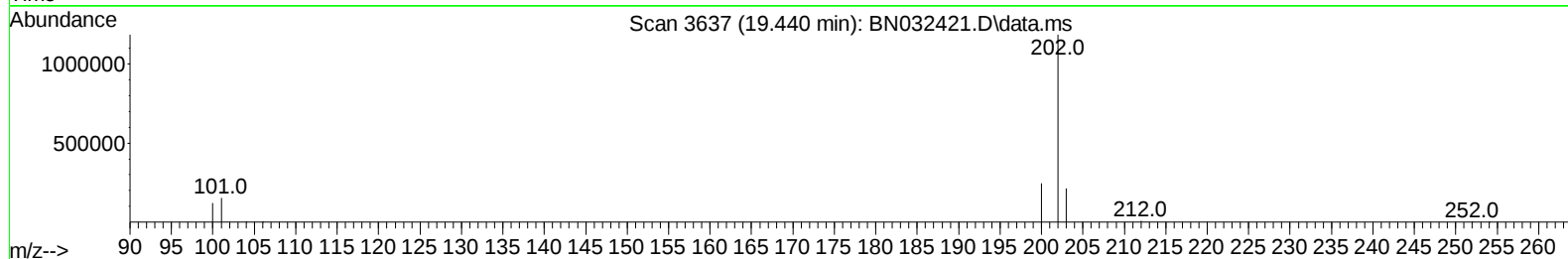
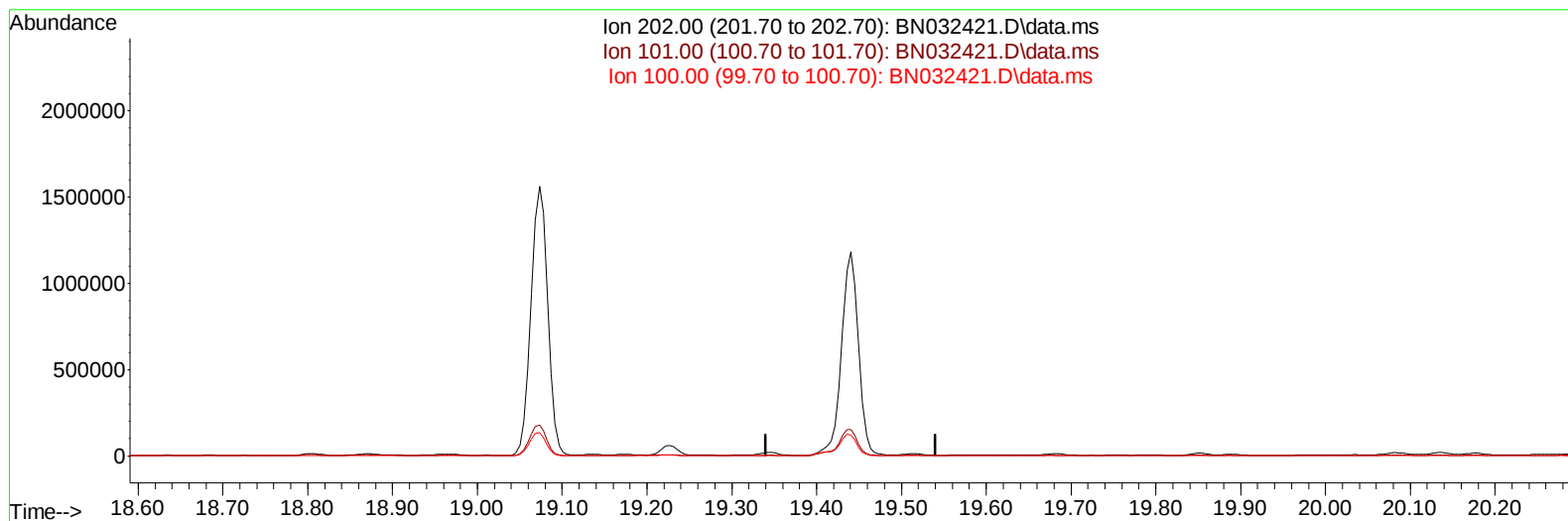
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(20) Pyrene

19.440min (-19.440) 0.00 ng/u1

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

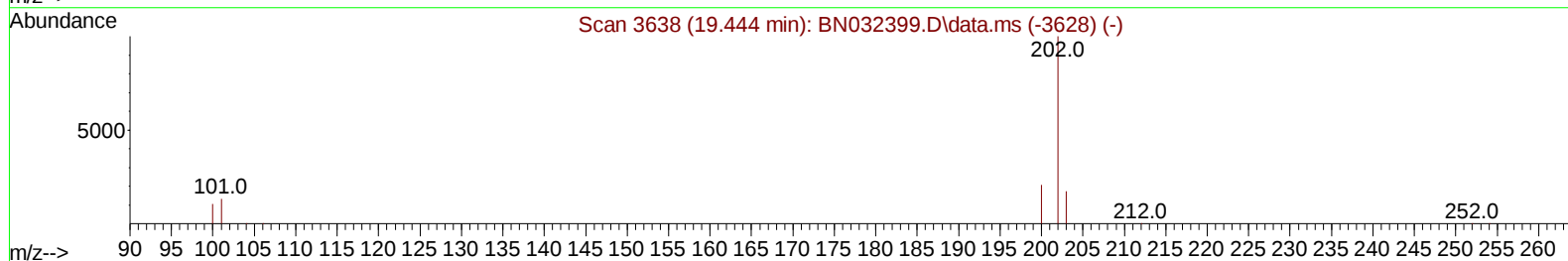
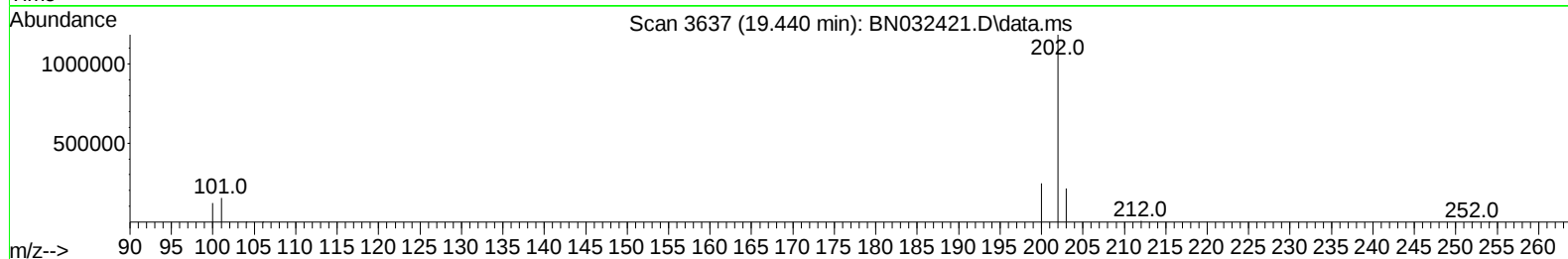
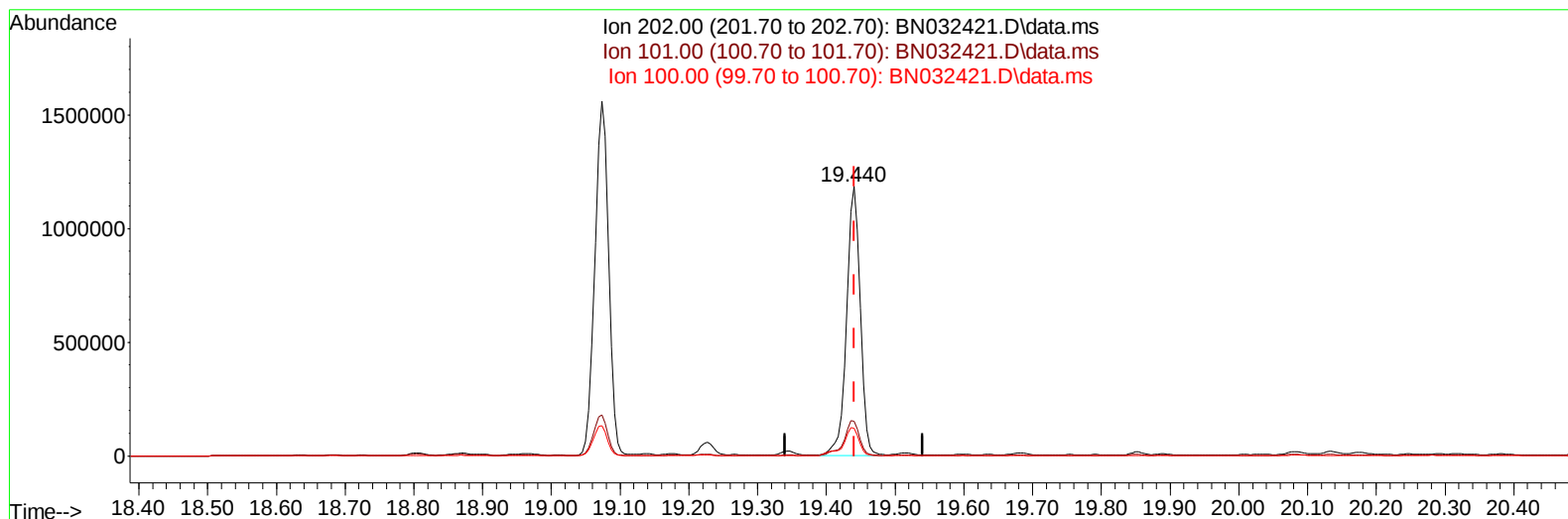
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(20) Pyrene

19.440min (-0.000) 24.51 ng/ul m

response 1653758

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.86
100.00	10.90	10.26
0.00	0.00	0.00

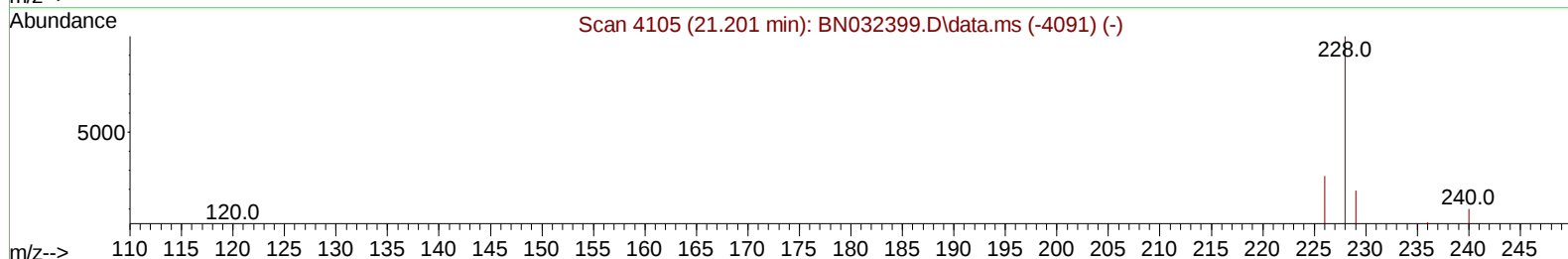
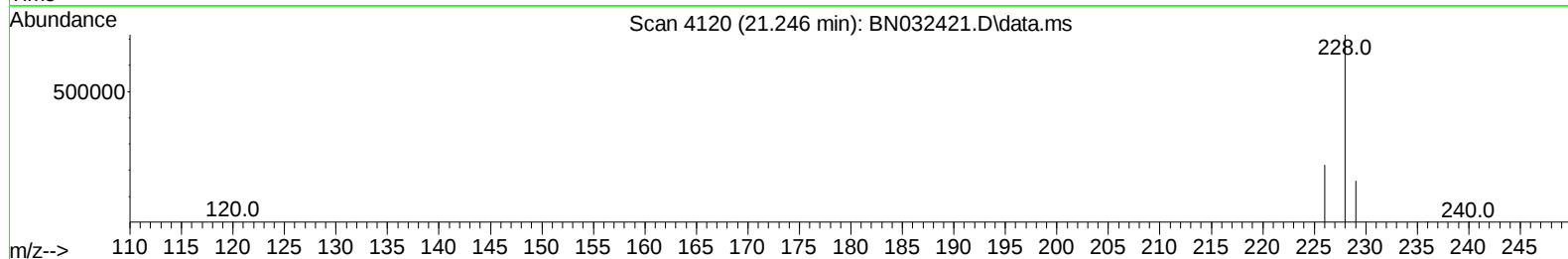
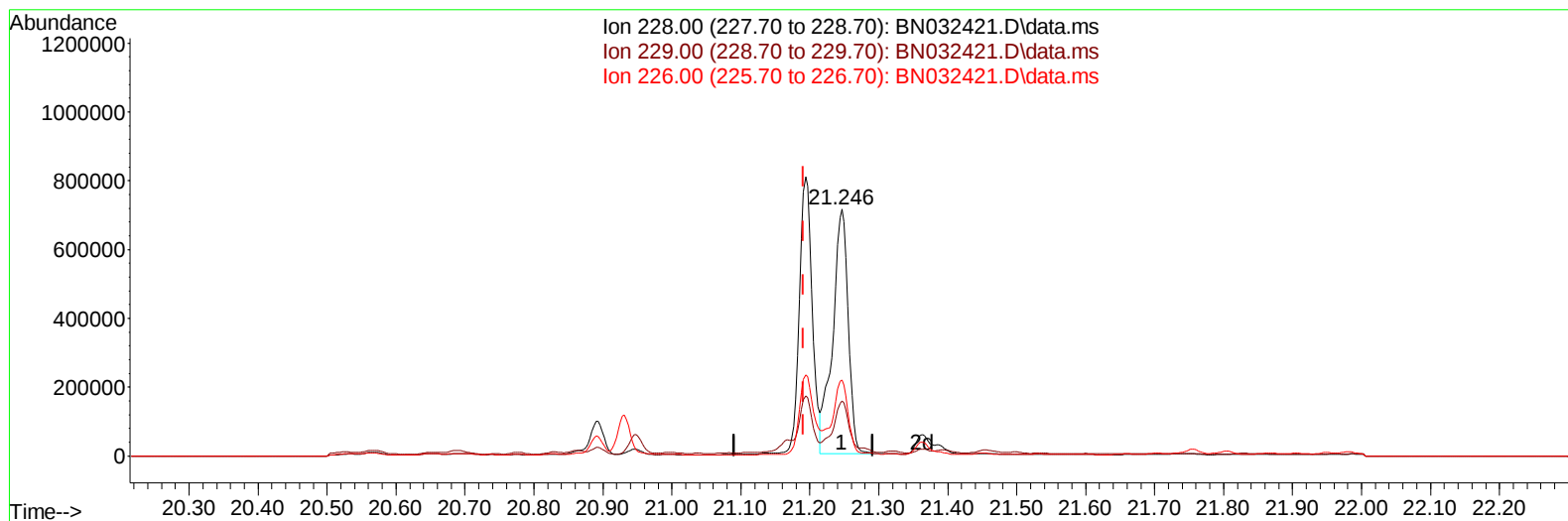
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(21) Benzo(a)anthracene

21.246min (+ 0.055) 18.35 ng/u1

response 1122853

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.29
226.00	27.30	30.76
0.00	0.00	0.00

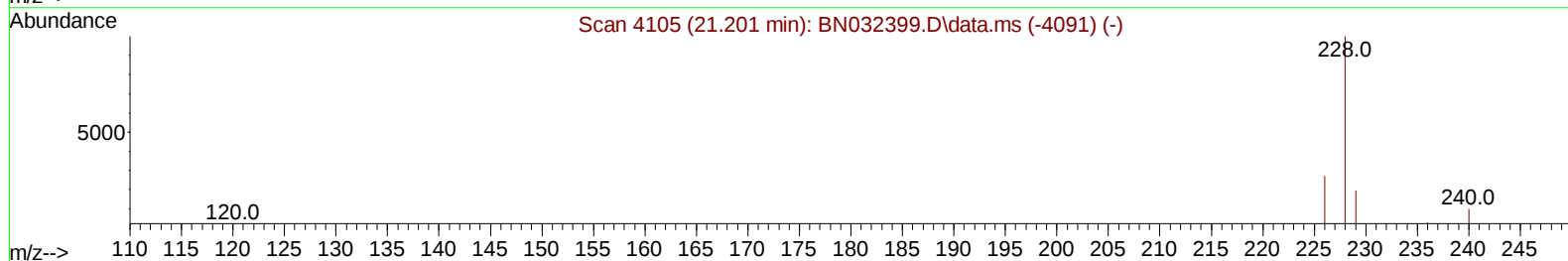
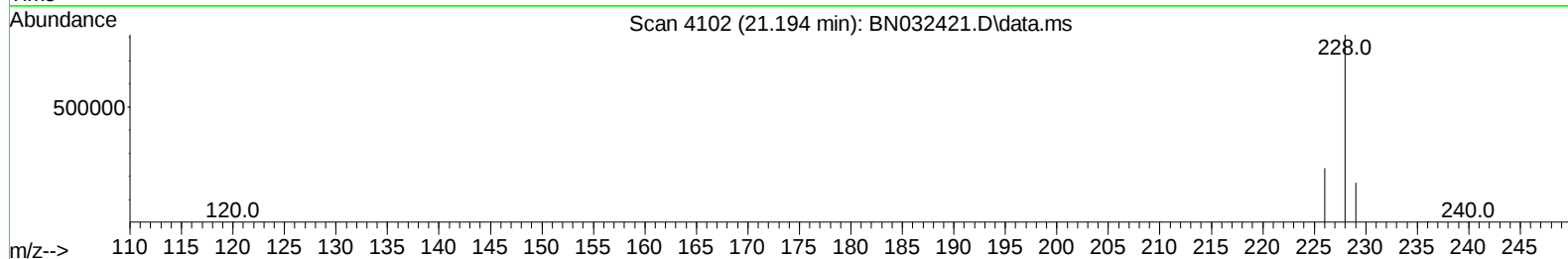
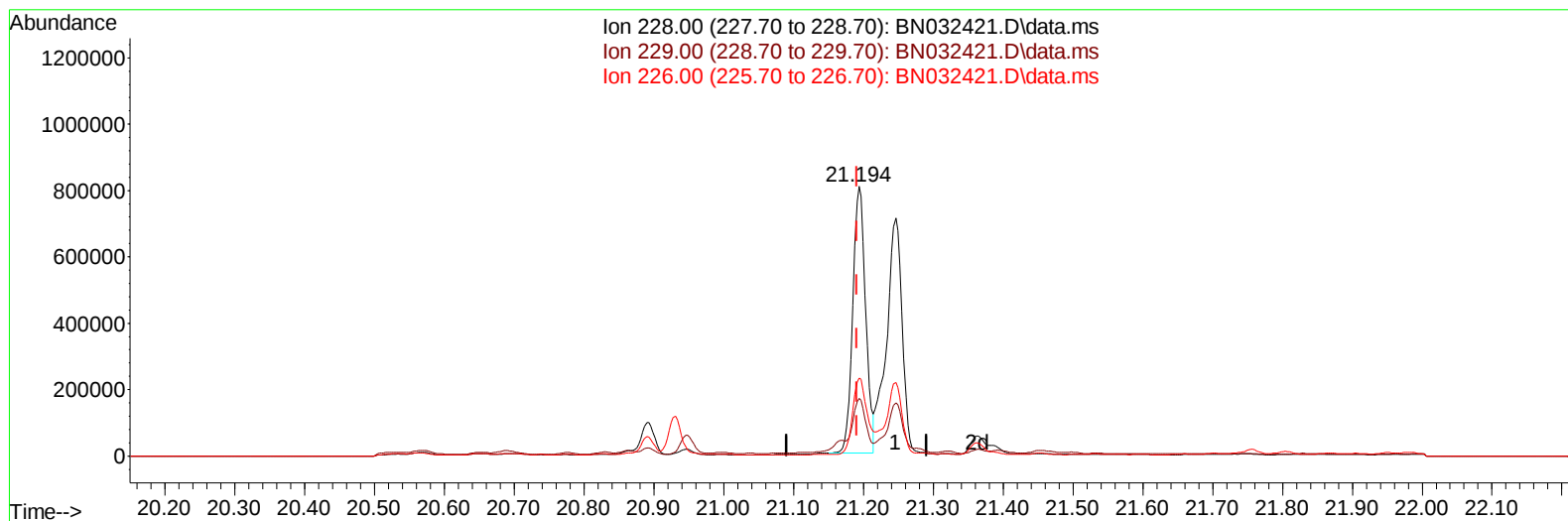
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(21) Benzo(a)anthracene

21.194min (+ 0.003) 16.85 ng/ul m

response 1031075

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.42
226.00	27.30	28.97
0.00	0.00	0.00

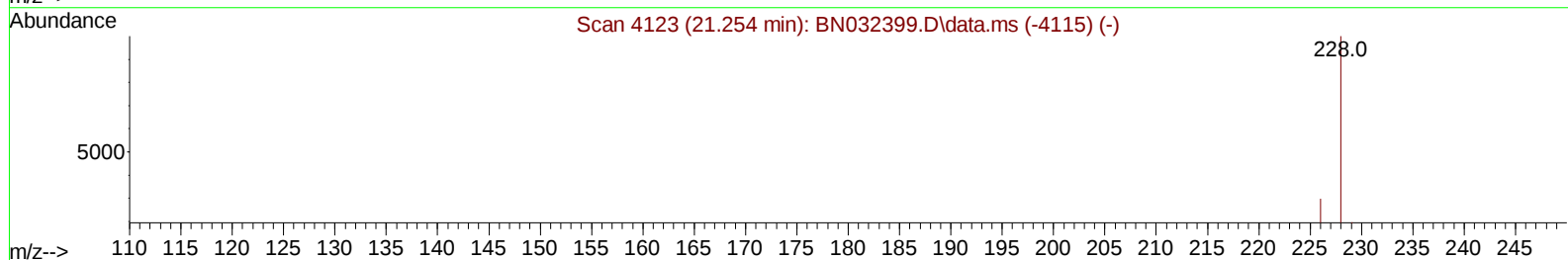
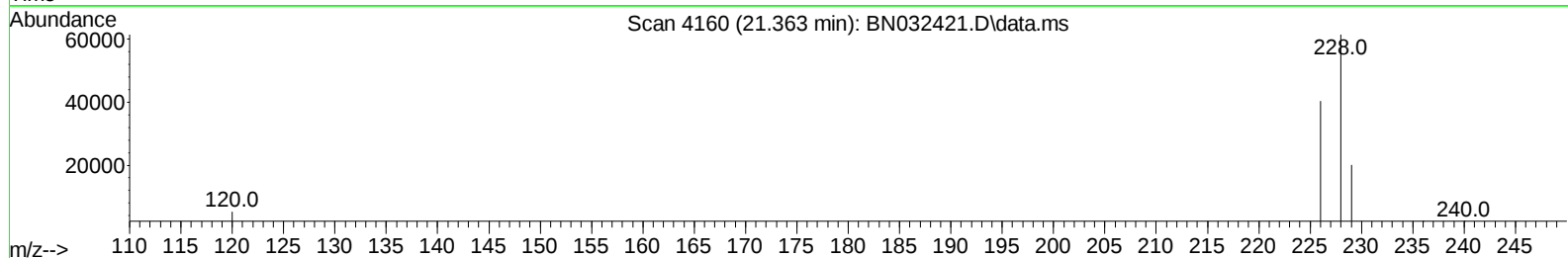
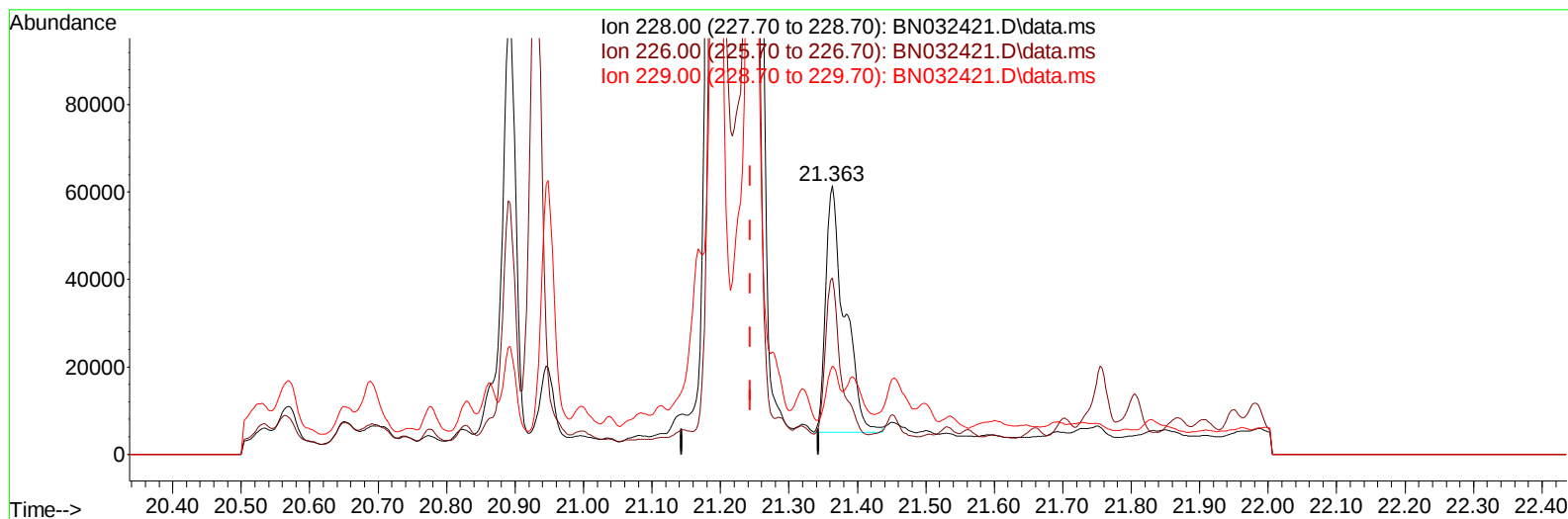
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(22) Chrysene

21.363min (+ 0.120) 1.61 ng/u1

response 108330

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.75#
229.00	19.60	32.80#
0.00	0.00	0.00

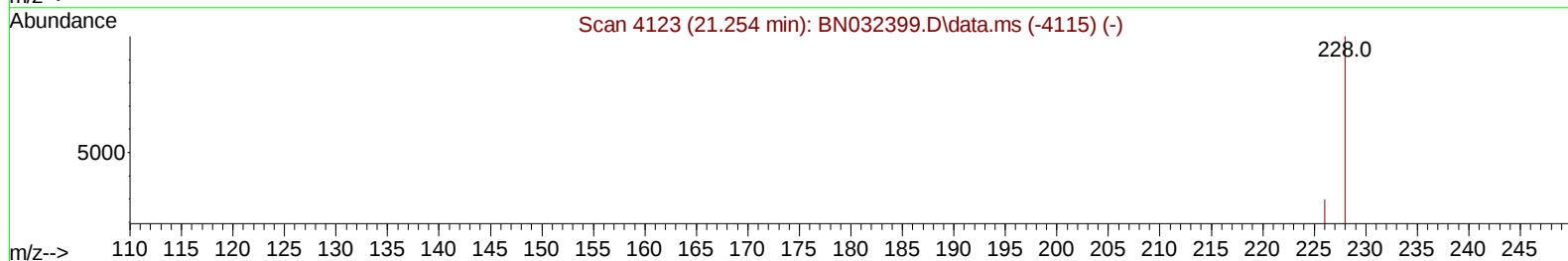
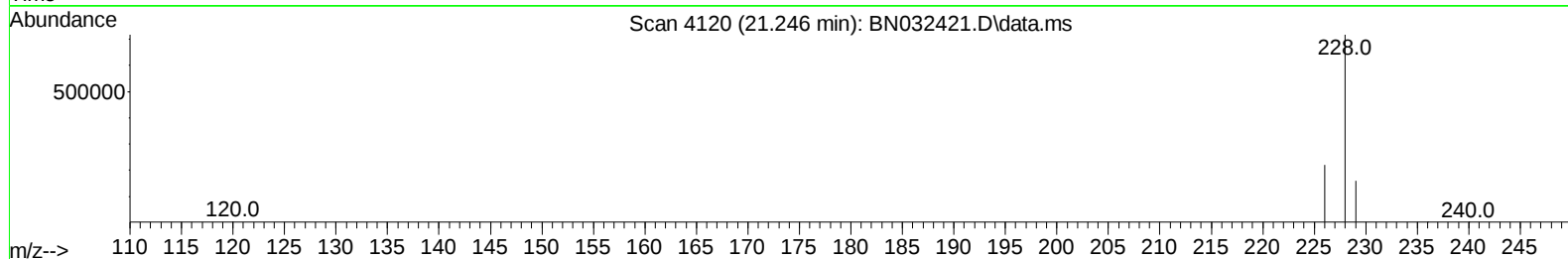
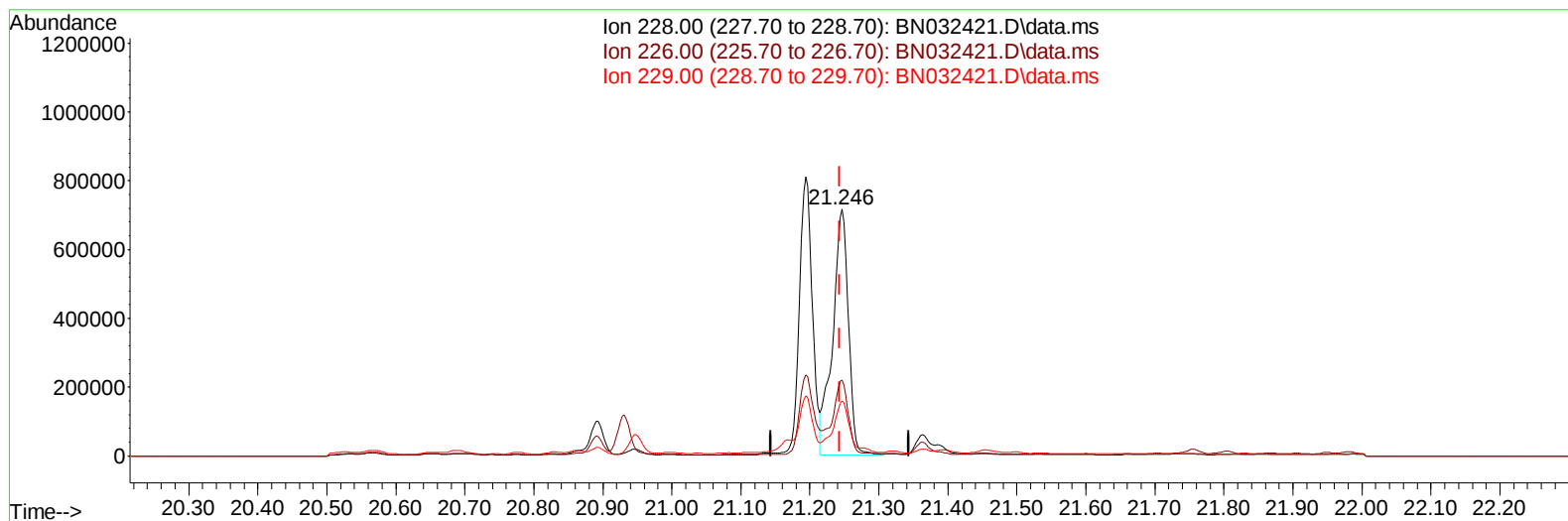
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(22) Chrysene

21.246min (+ 0.003) 16.99 ng/ul m

response 1140991

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.76
229.00	19.60	22.29
0.00	0.00	0.00

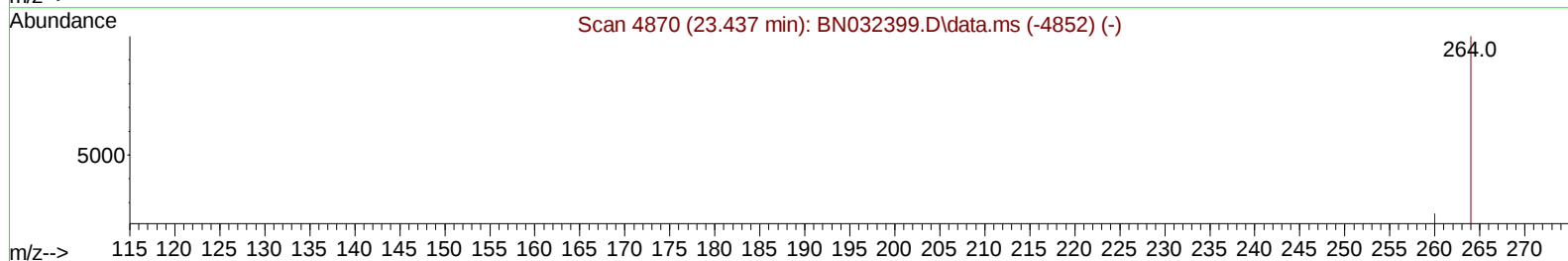
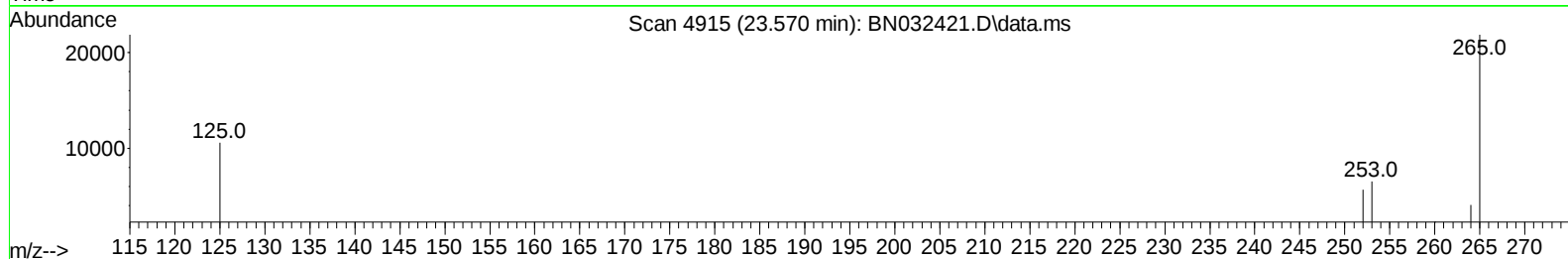
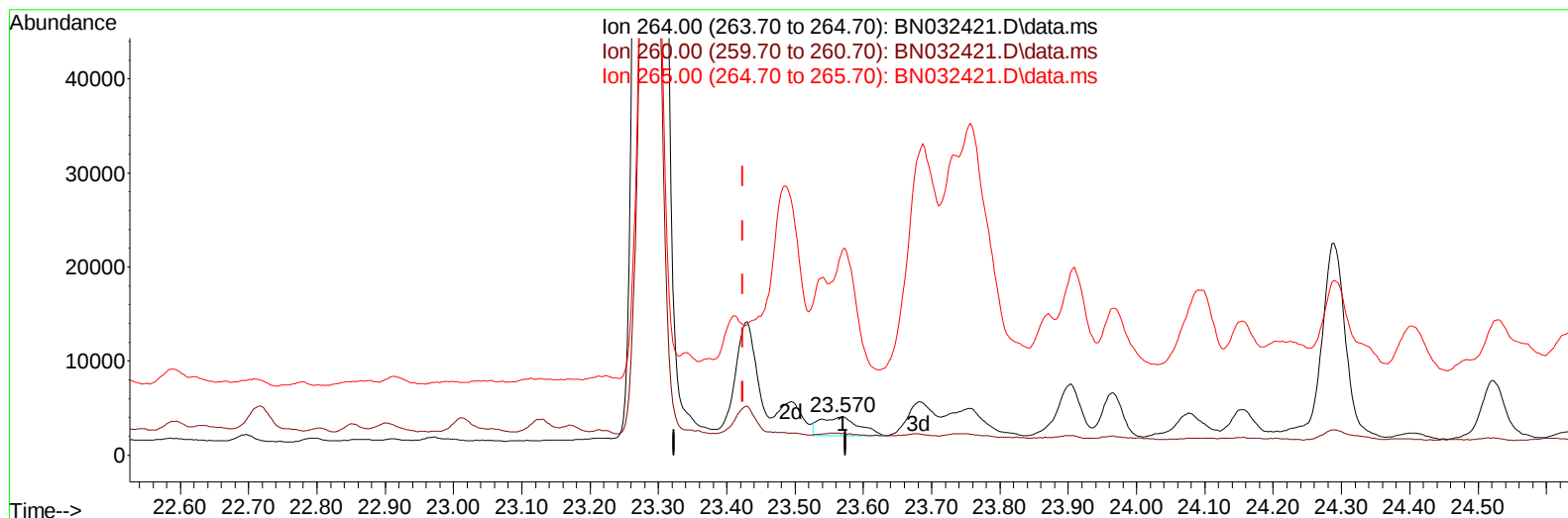
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(23) Perylene-d12 (I)

23.570min (+ 0.146) 0.40 ng/u1

response 7838

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	56.18#
265.00	67.20	533.14#
0.00	0.00	0.00

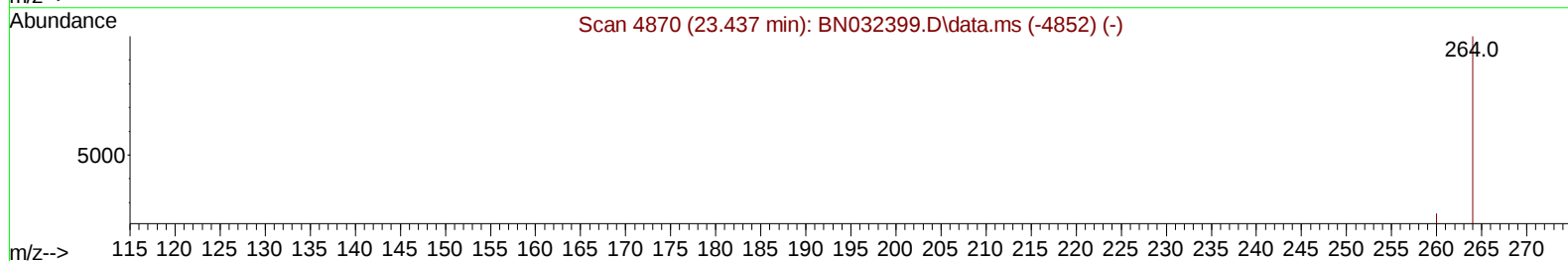
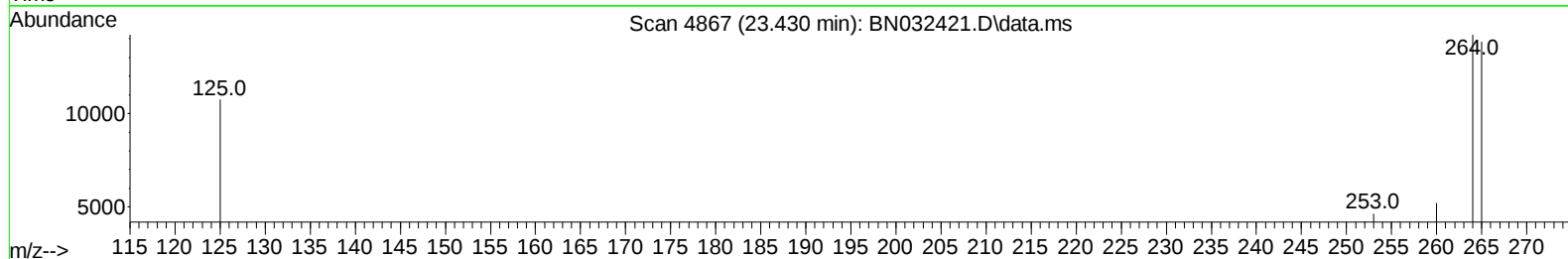
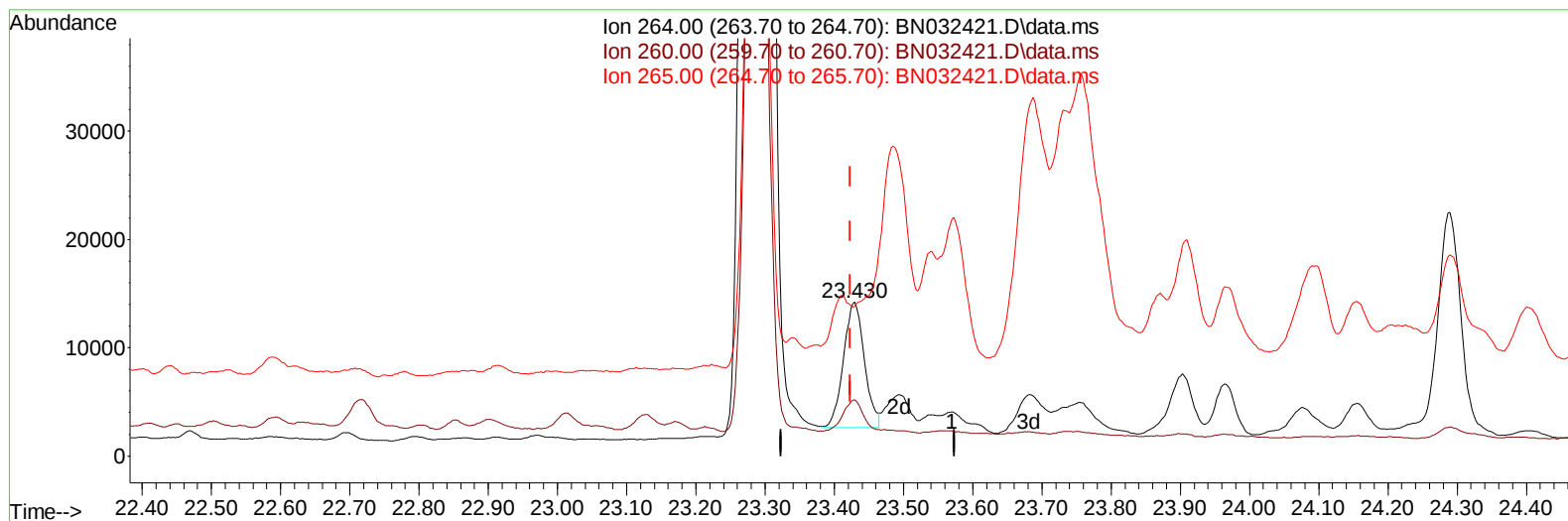
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(23) Perylene-d12 (I)

23.430min (+ 0.006) 0.40 ng/ul m

response 24405

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	36.63#
265.00	67.20	97.31#
0.00	0.00	0.00

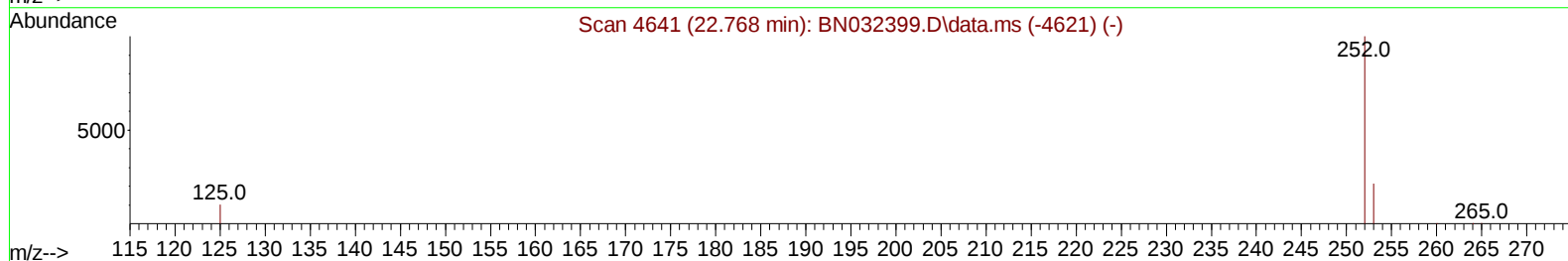
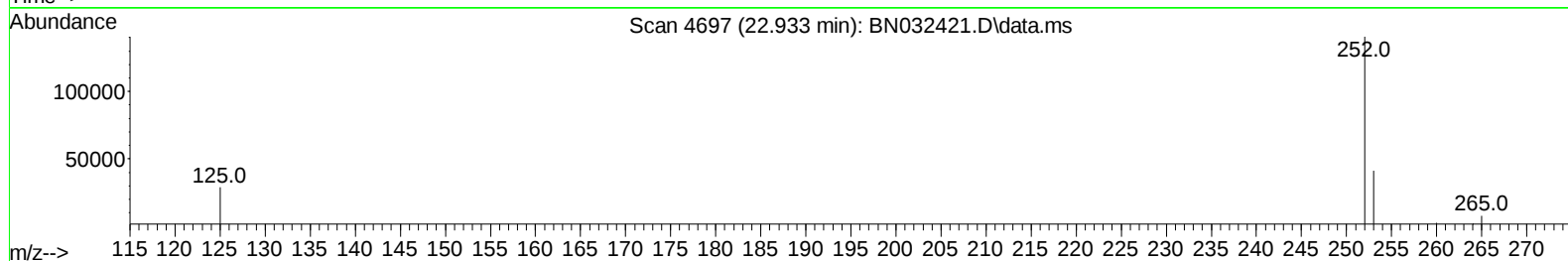
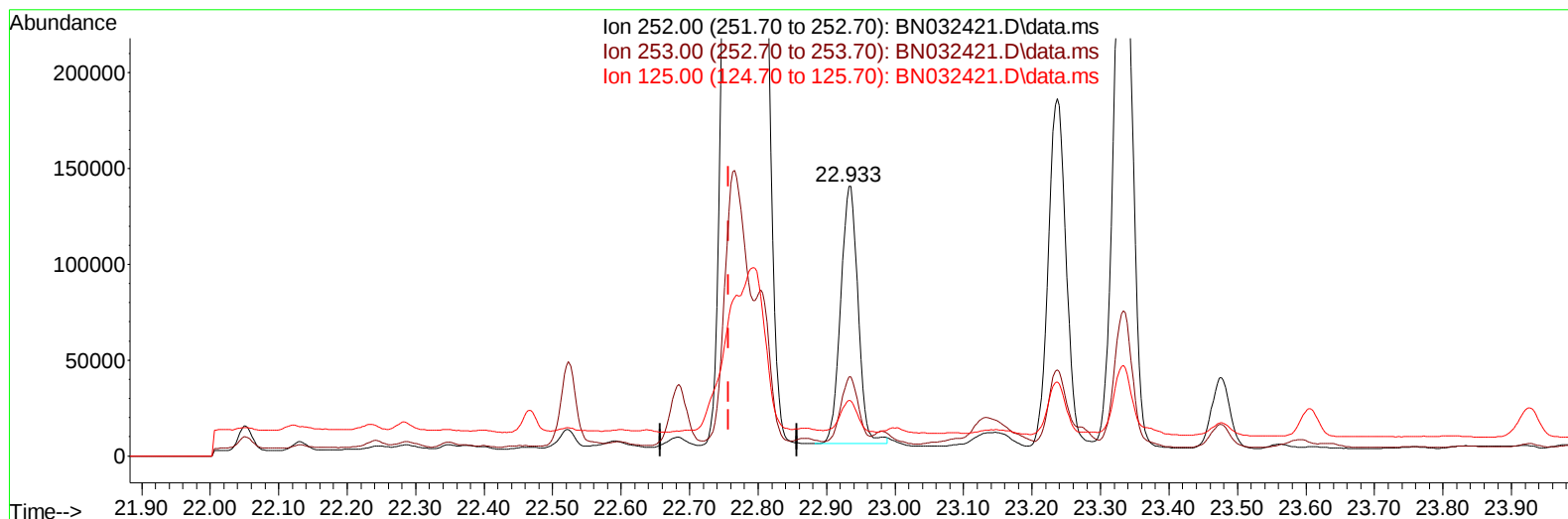
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(24) Benzo(b)fluoranthene

22.933min (+ 0.175) 2.24 ng/u1

response 237143

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	29.31
125.00	16.00	20.74
0.00	0.00	0.00

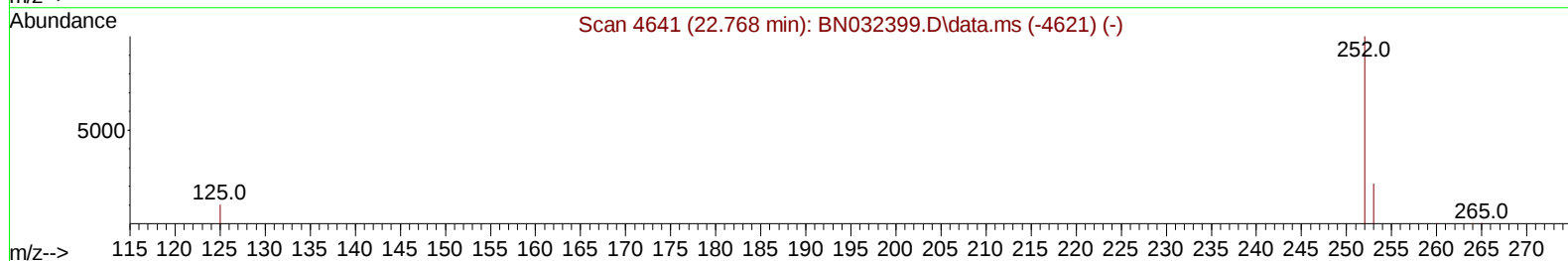
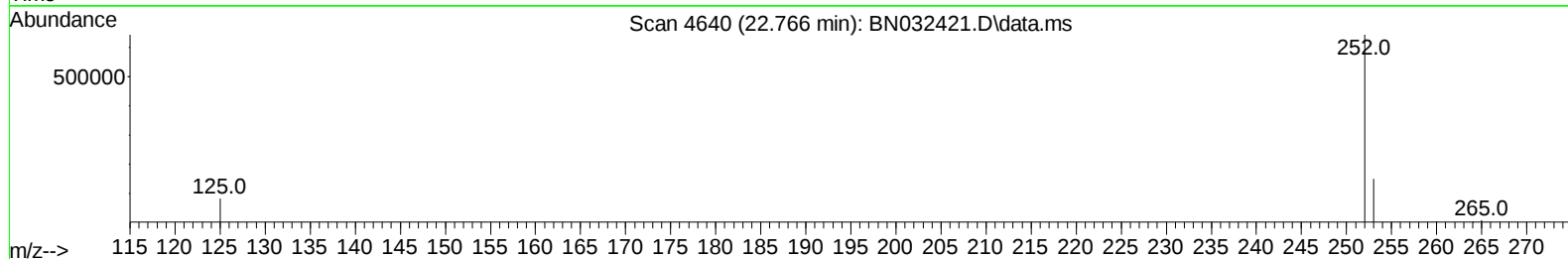
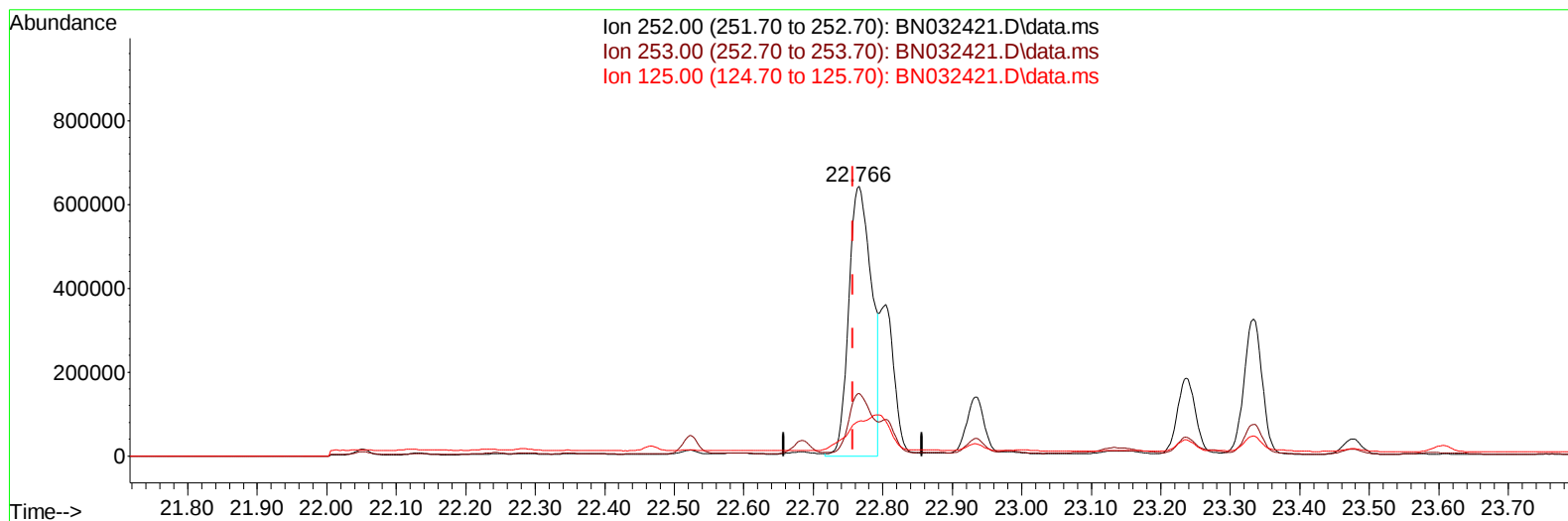
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(24) Benzo(b)fluoranthene

22.766min (+ 0.009) 13.76 ng/ul m

response 1459267

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.20
125.00	16.00	12.88
0.00	0.00	0.00

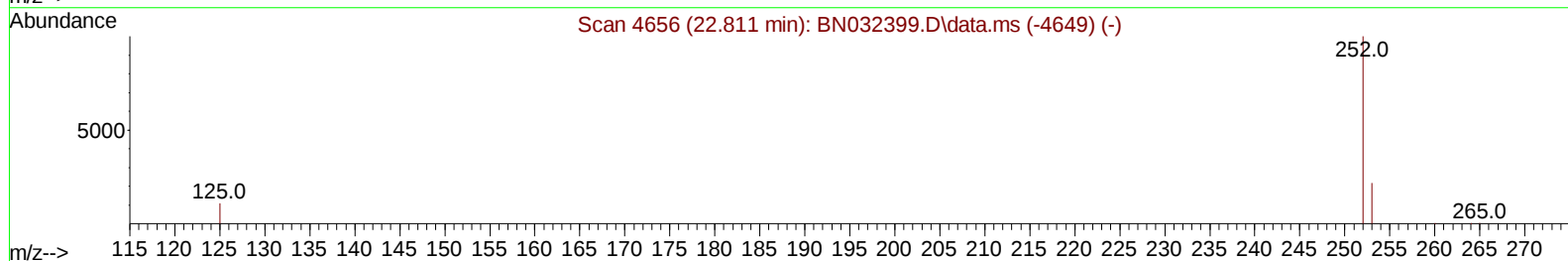
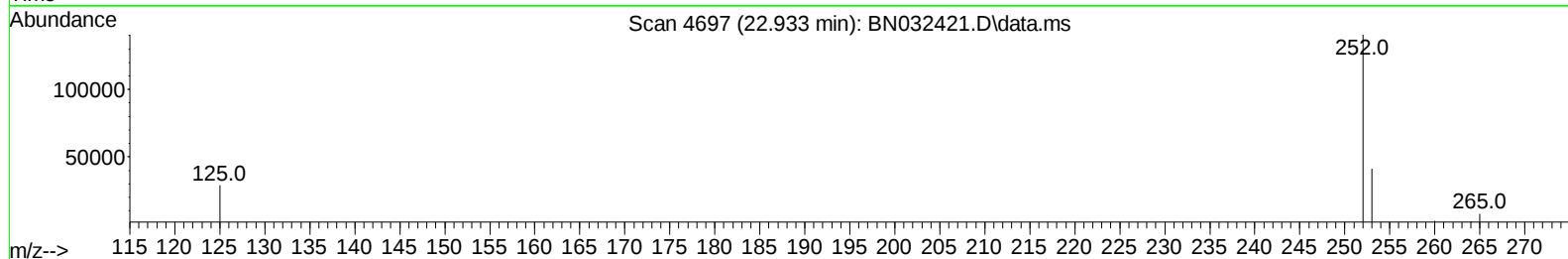
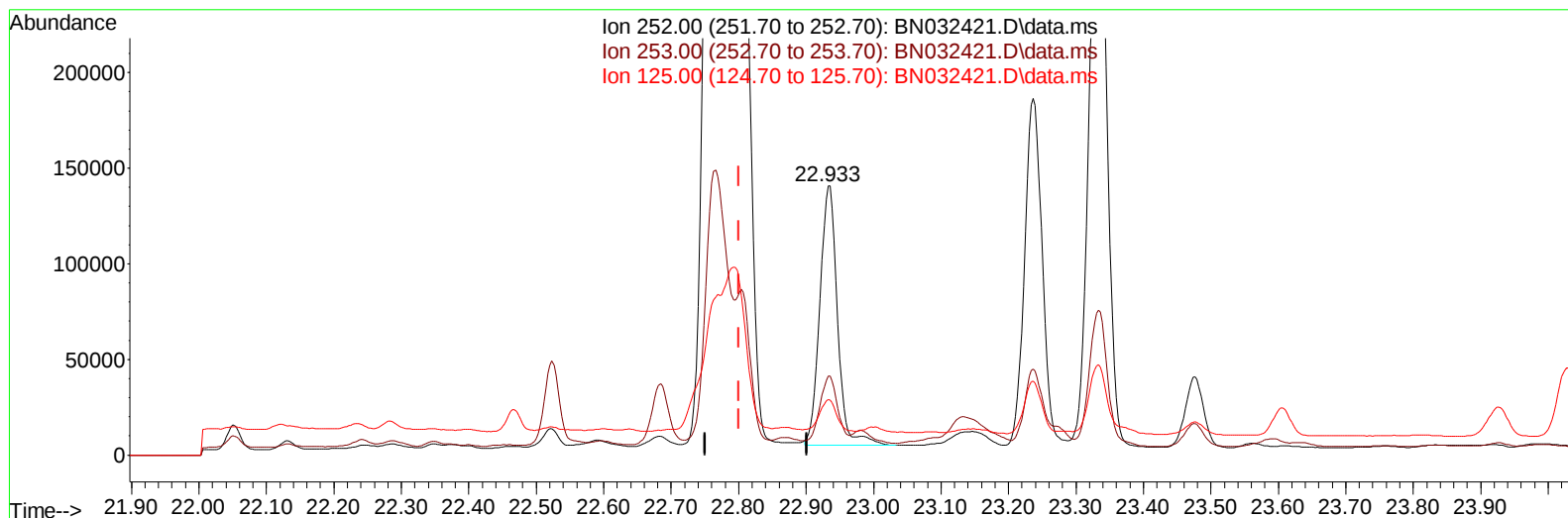
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032421.D
 Acq On : 03 Jul 2024 03:59
 Operator : MA/JU
 Sample : P2963-05
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(25) Benzo(k)fluoranthene

22.933min (+ 0.131) 2.40 ng/u1

response 247452

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	29.31
125.00	16.00	20.74#
0.00	0.00	0.00

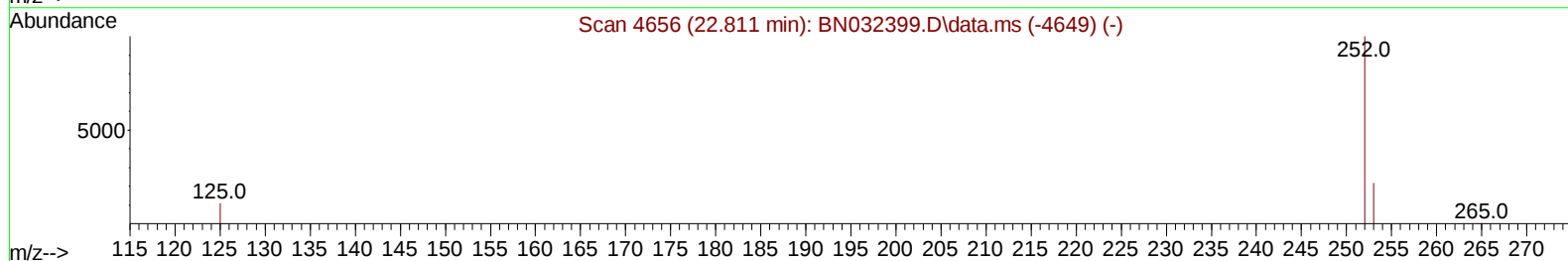
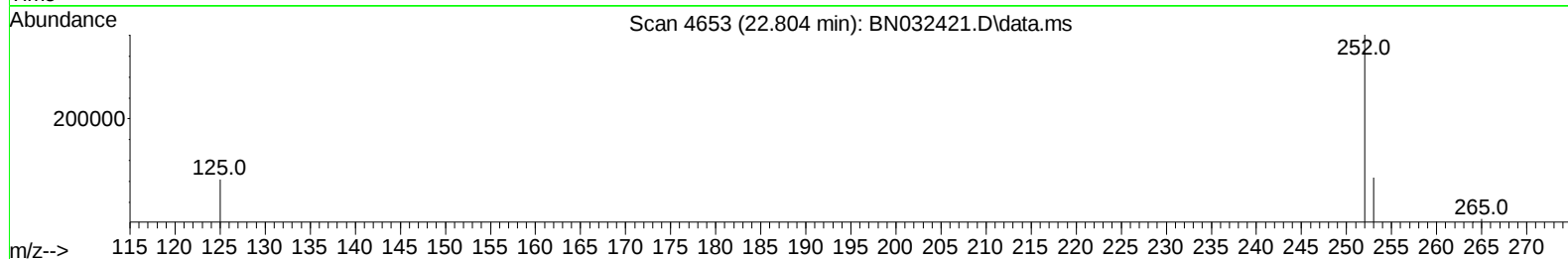
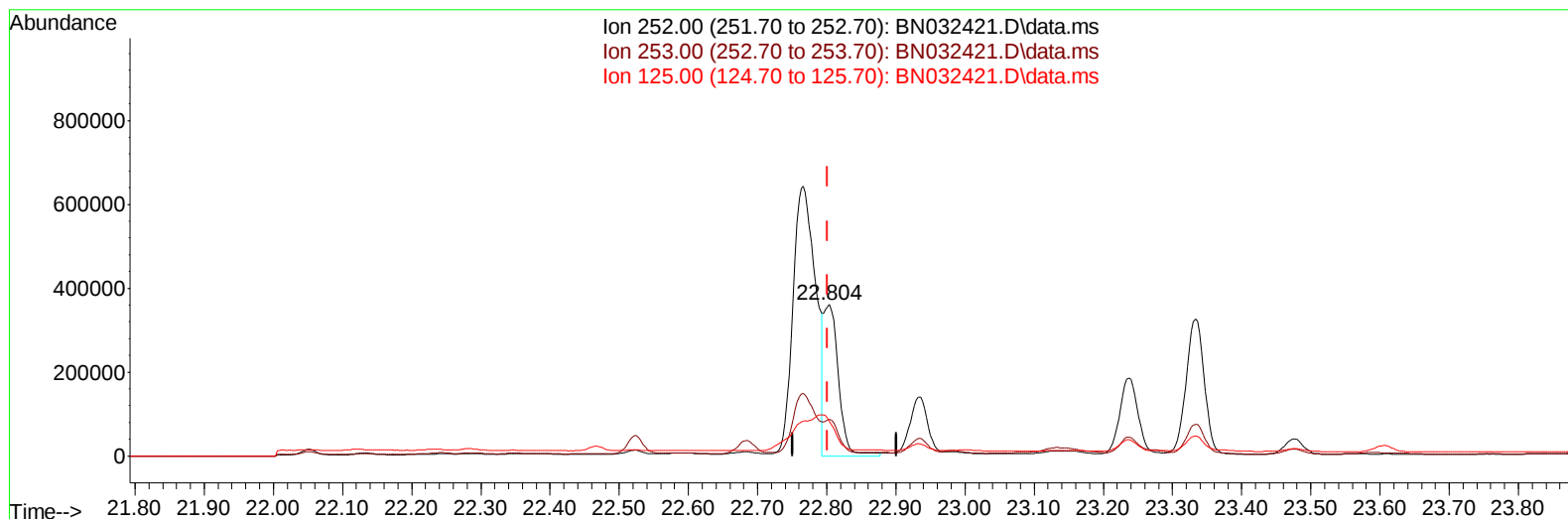
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (+ 0.003) 5.34 ng/u1 m

response 549687

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.04
125.00	16.00	23.10#
0.00	0.00	0.00

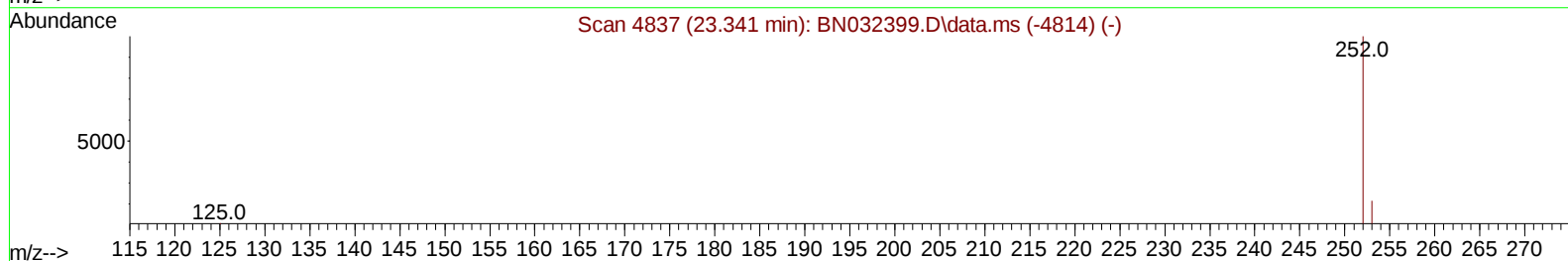
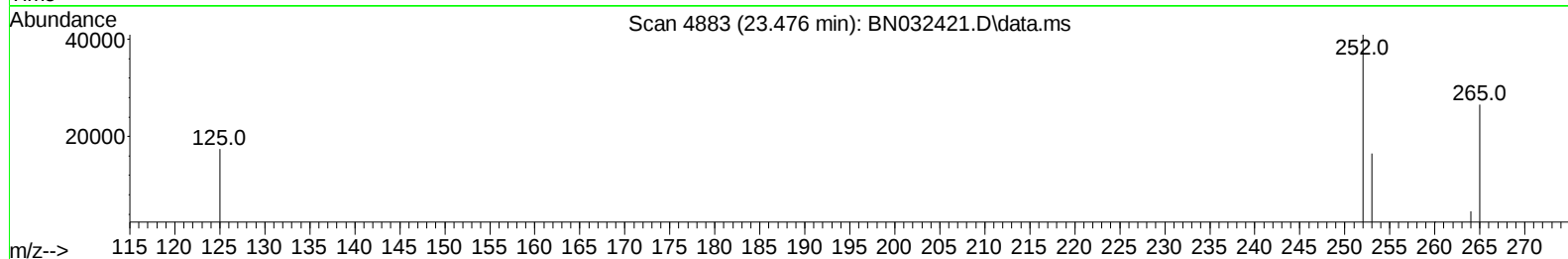
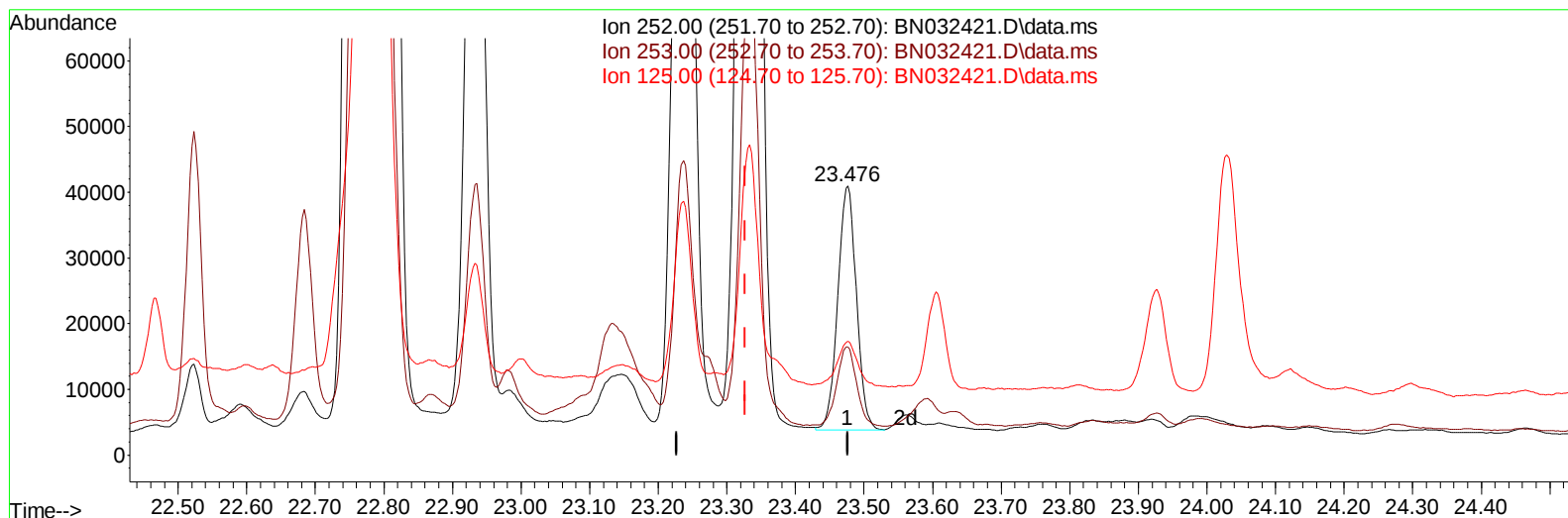
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032421.D
 Acq On : 03 Jul 2024 03:59
 Operator : MA/JU
 Sample : P2963-05
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(26) Benzo(a)pyrene (C)

23.476min (+ 0.149) 0.95 ng/u1

response 69742

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	40.26#
125.00	20.50	42.45#
0.00	0.00	0.00

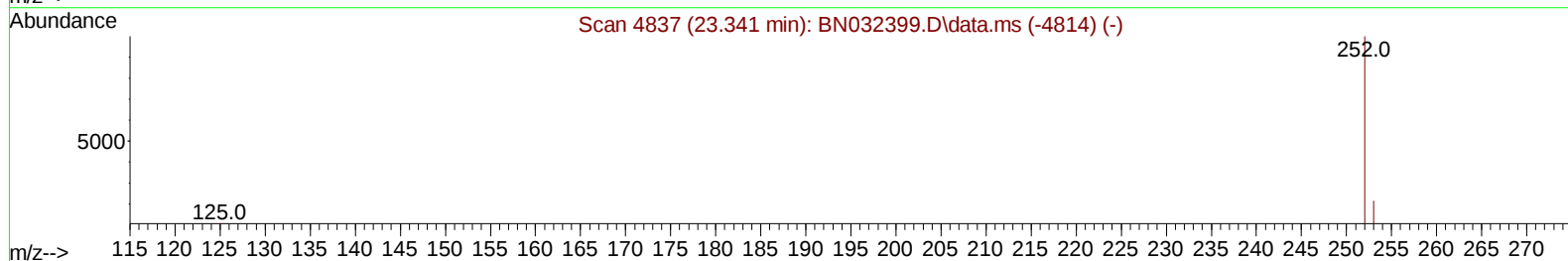
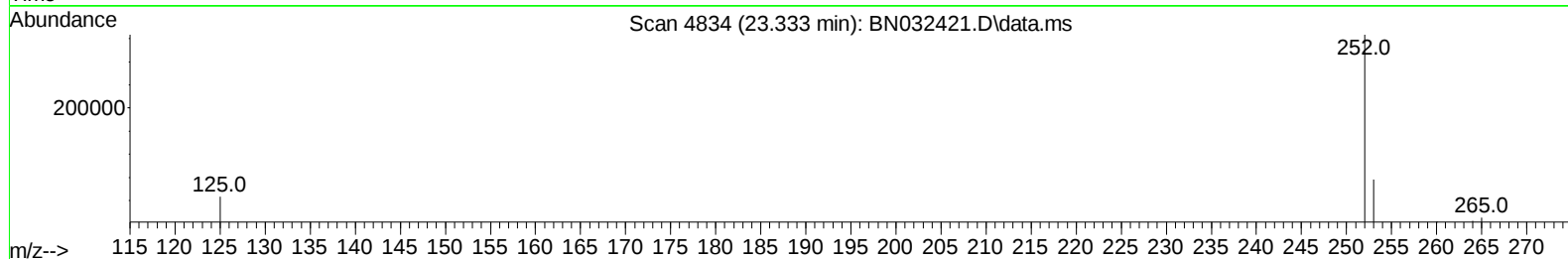
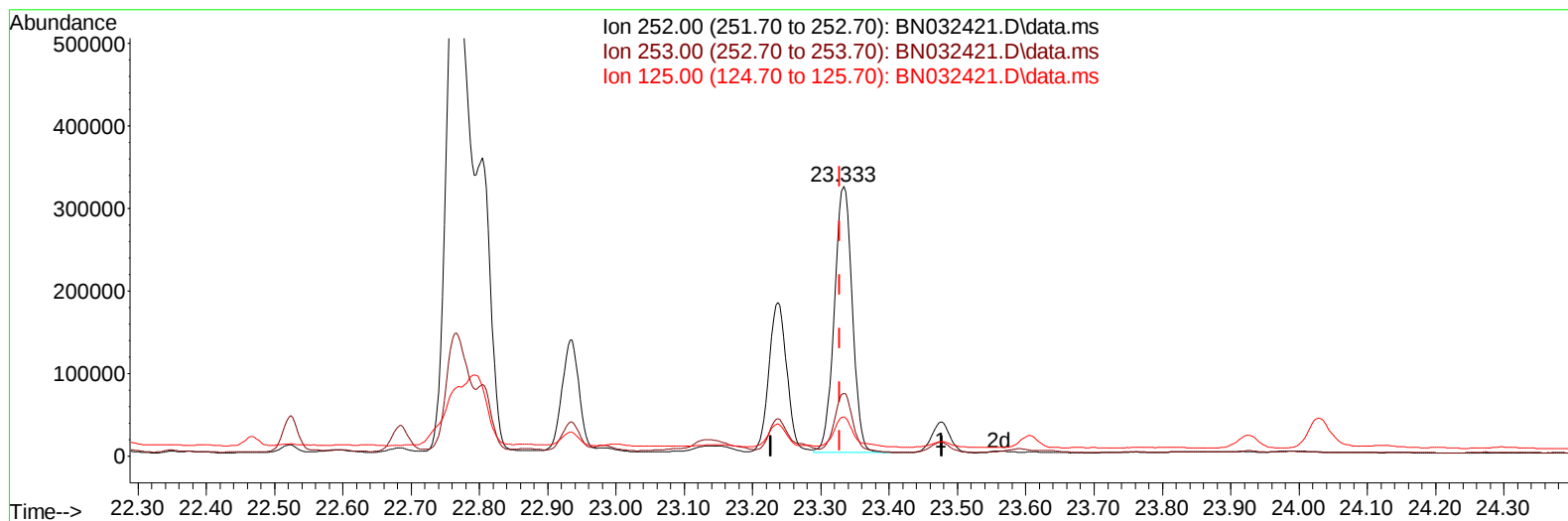
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(26) Benzo(a)pyrene (C)

23.333min (+ 0.006) 8.02 ng/ul m

response 591912

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.24
125.00	20.50	14.47#
0.00	0.00	0.00

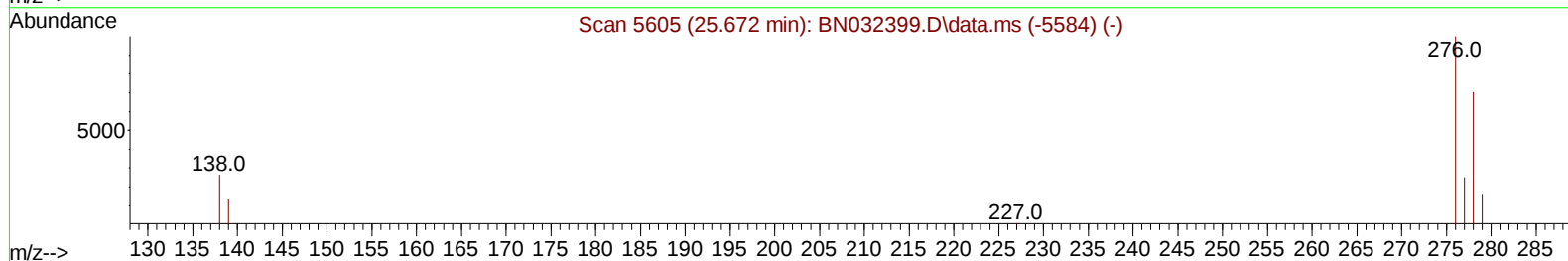
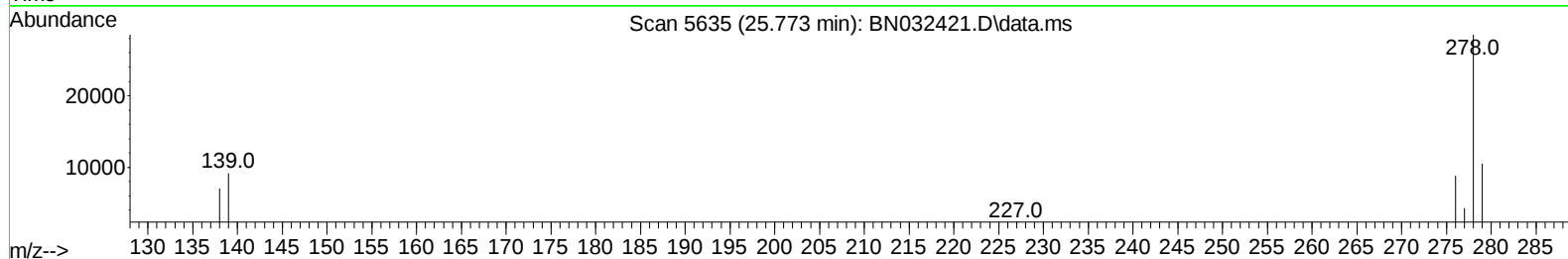
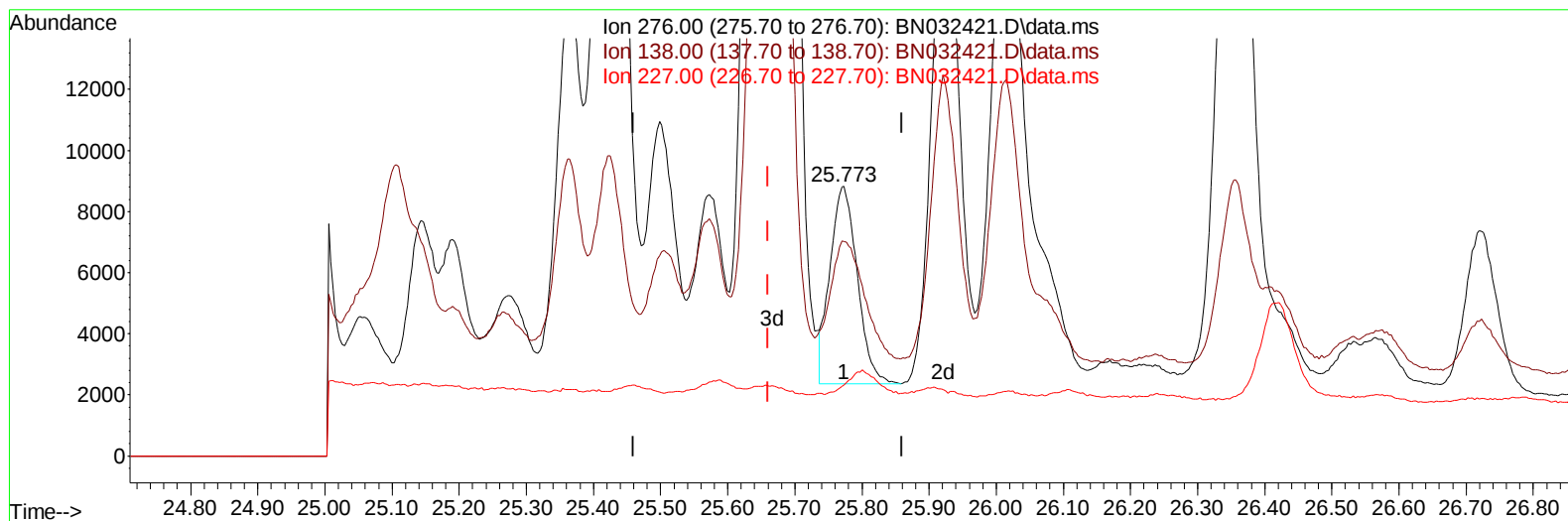
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

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

25.773min (+ 0.114) 0.16 ng/u1

response 18294

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	74.45#
227.00	0.10	0.00#
0.00	0.00	0.00

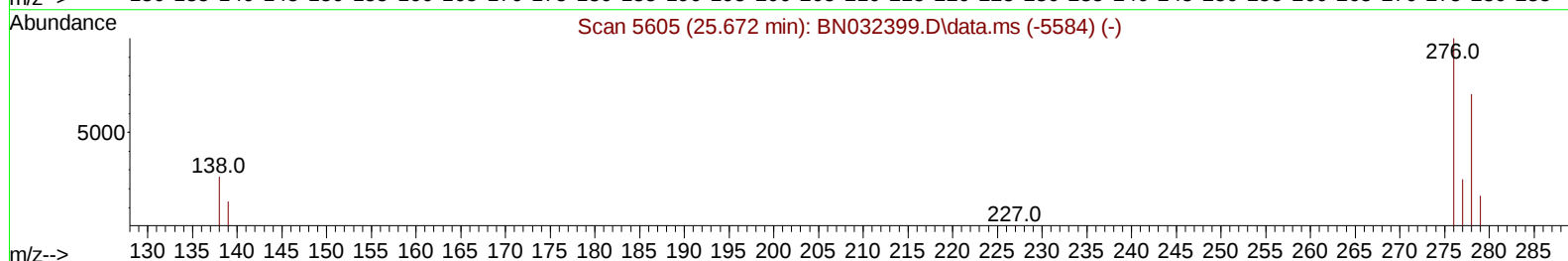
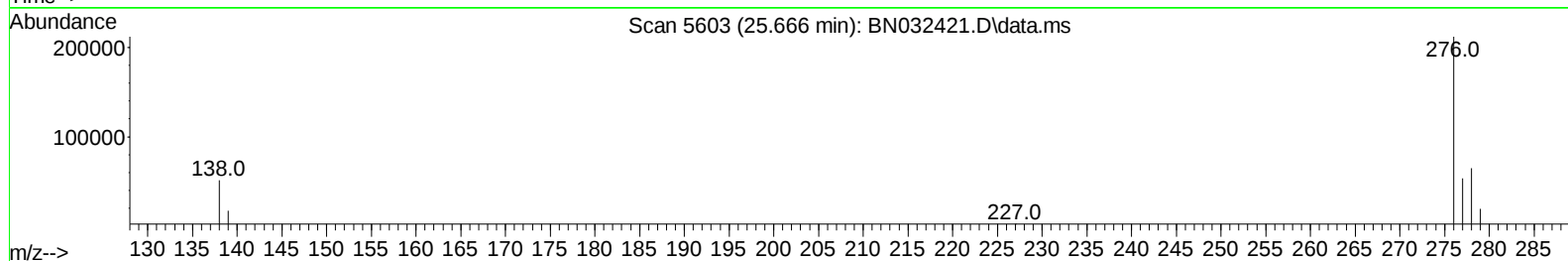
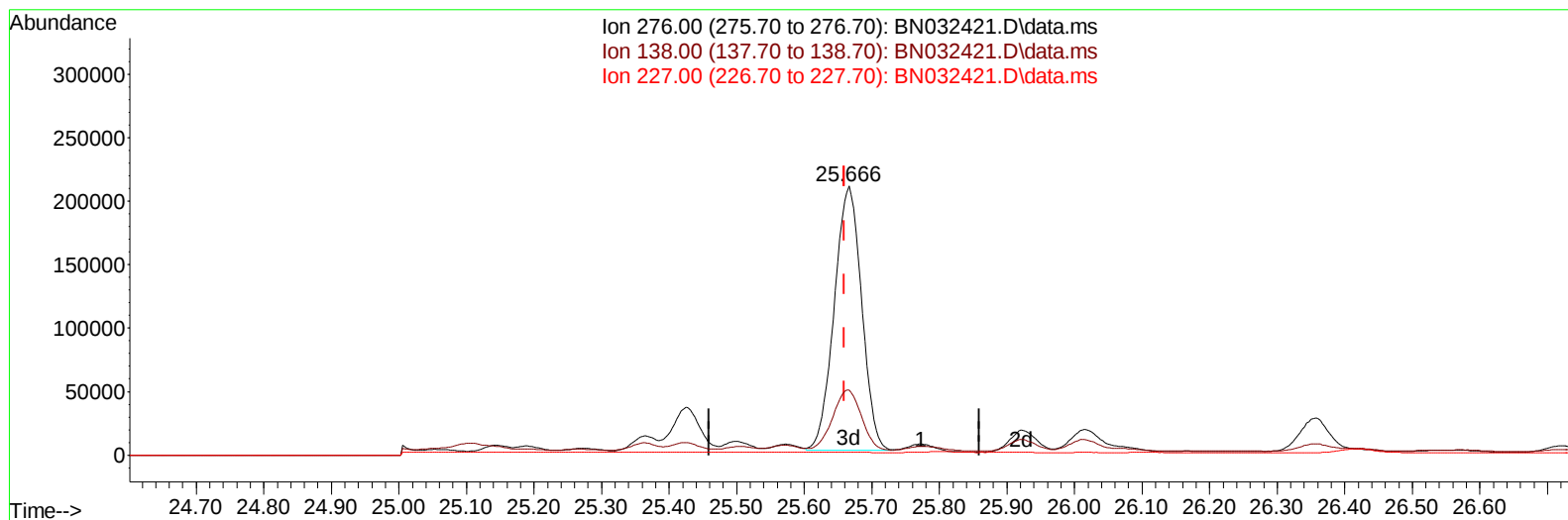
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

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

25.666min (+ 0.007) 5.04 ng/u1 m

response 582730

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.34#
227.00	0.10	0.00#
0.00	0.00	0.00

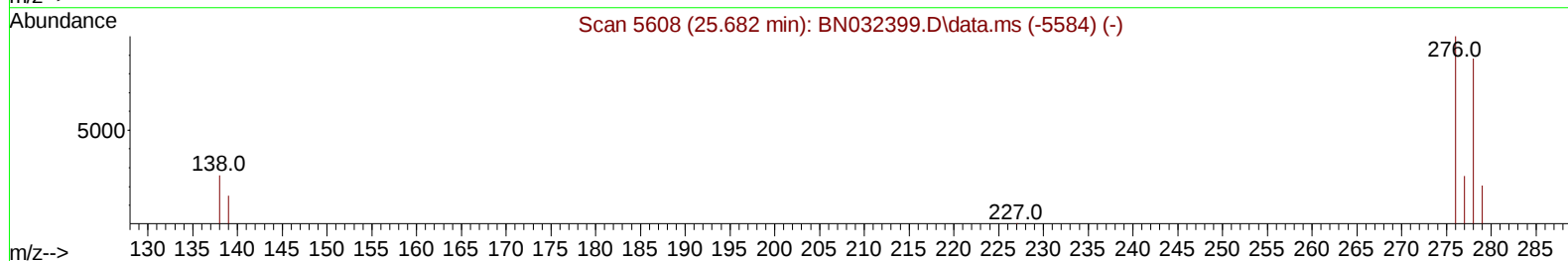
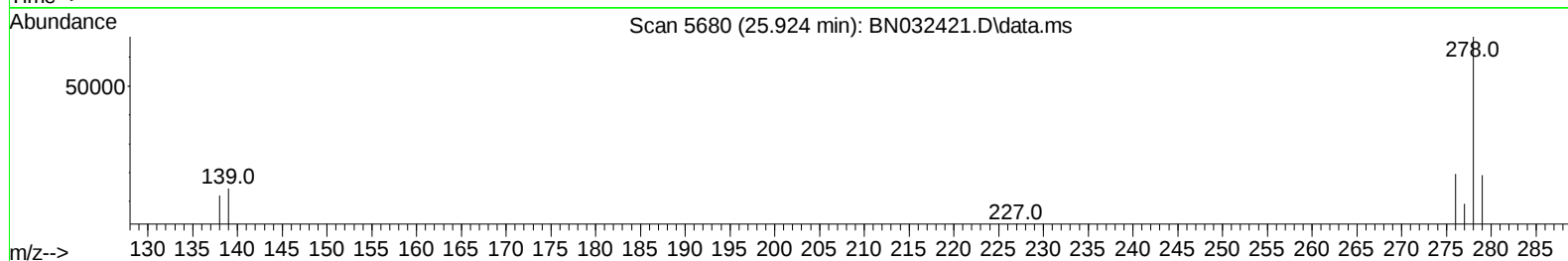
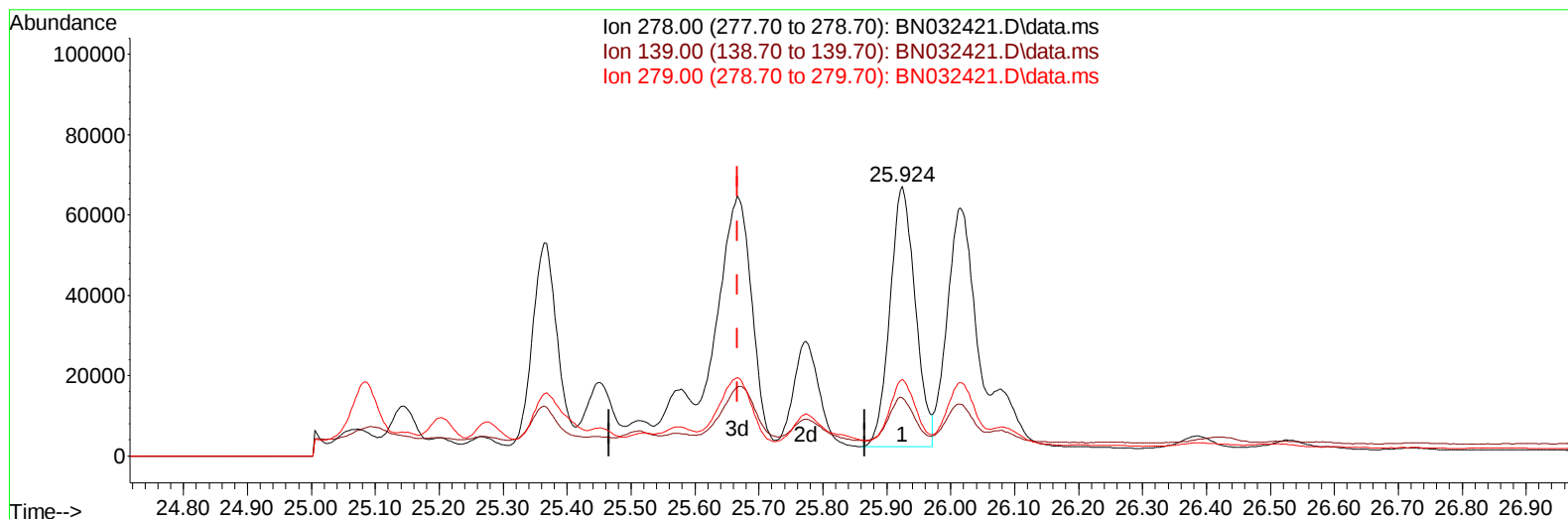
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(28) Dibenzo(a,h)anthracene

25.924min (+ 0.258) 2.08 ng/u1

response 178710

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	21.55
279.00	26.40	28.52
0.00	0.00	0.00

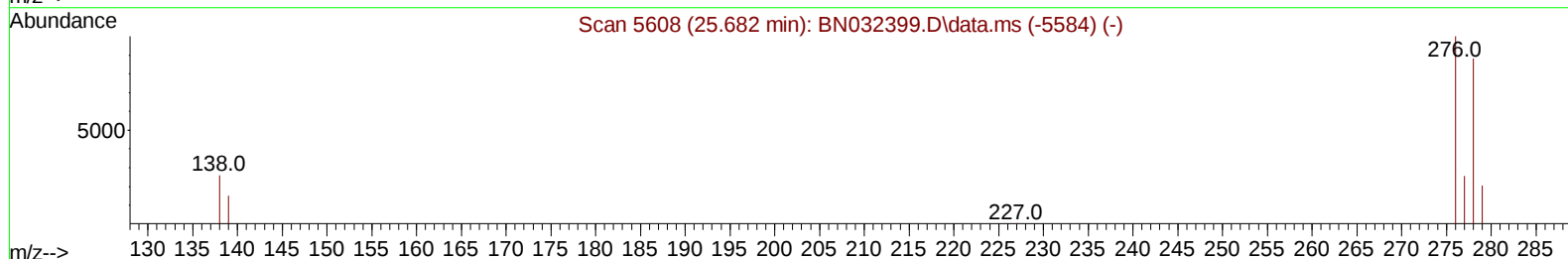
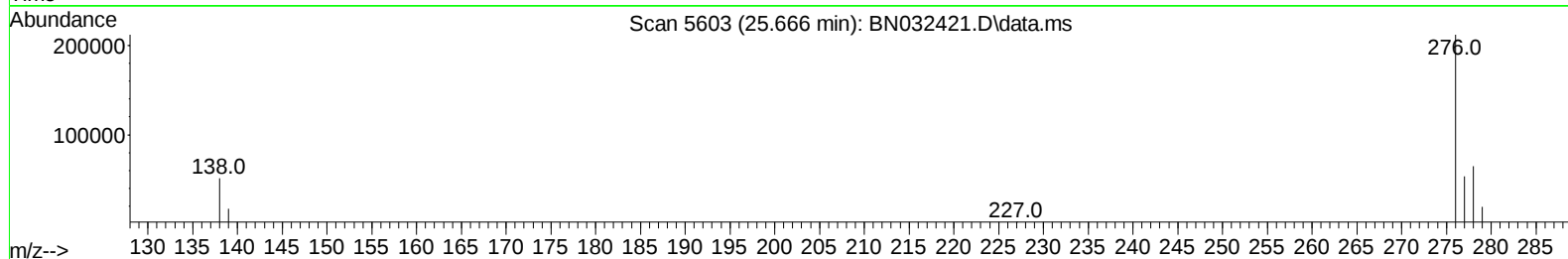
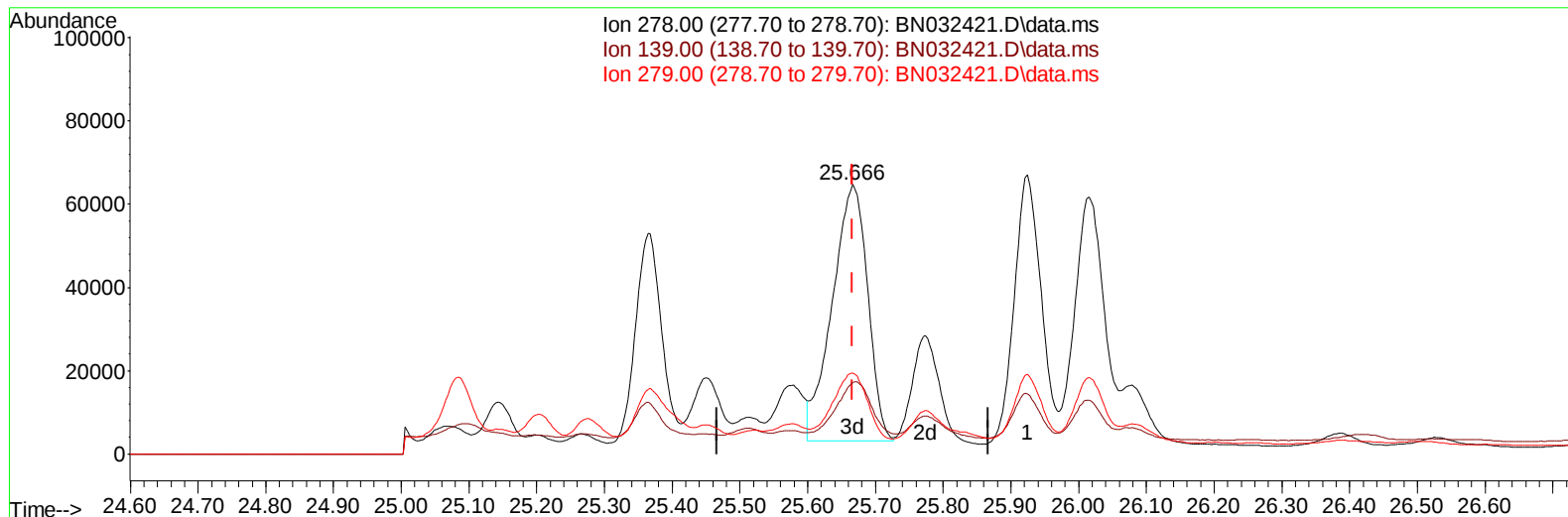
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

(28) Dibenzo(a,h)anthracene

25.666min (-0.000) 2.60 ng/u1 m

response 223478

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	26.64#
279.00	26.40	30.16
0.00	0.00	0.00

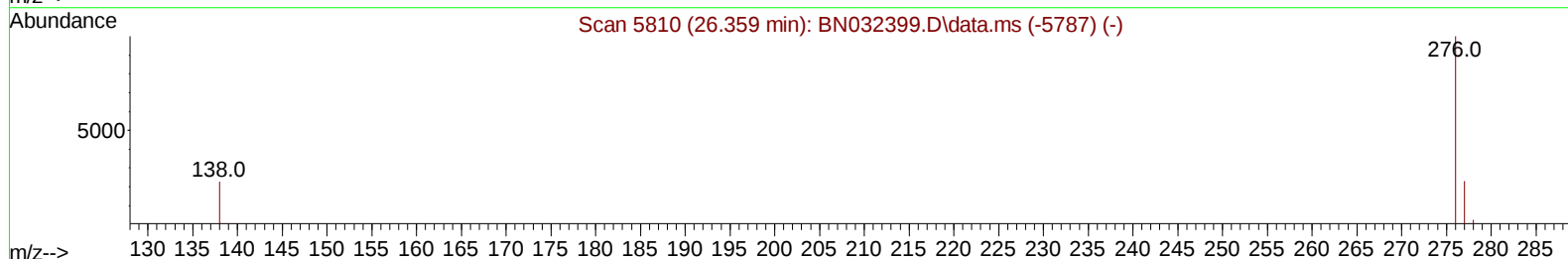
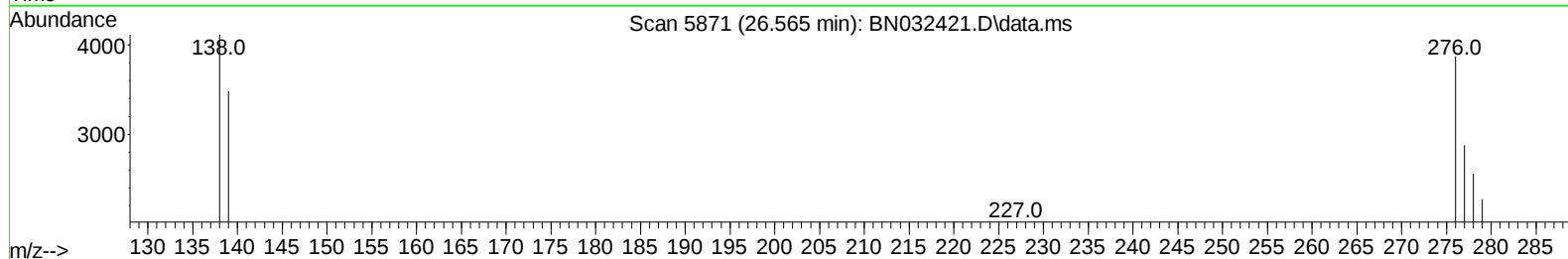
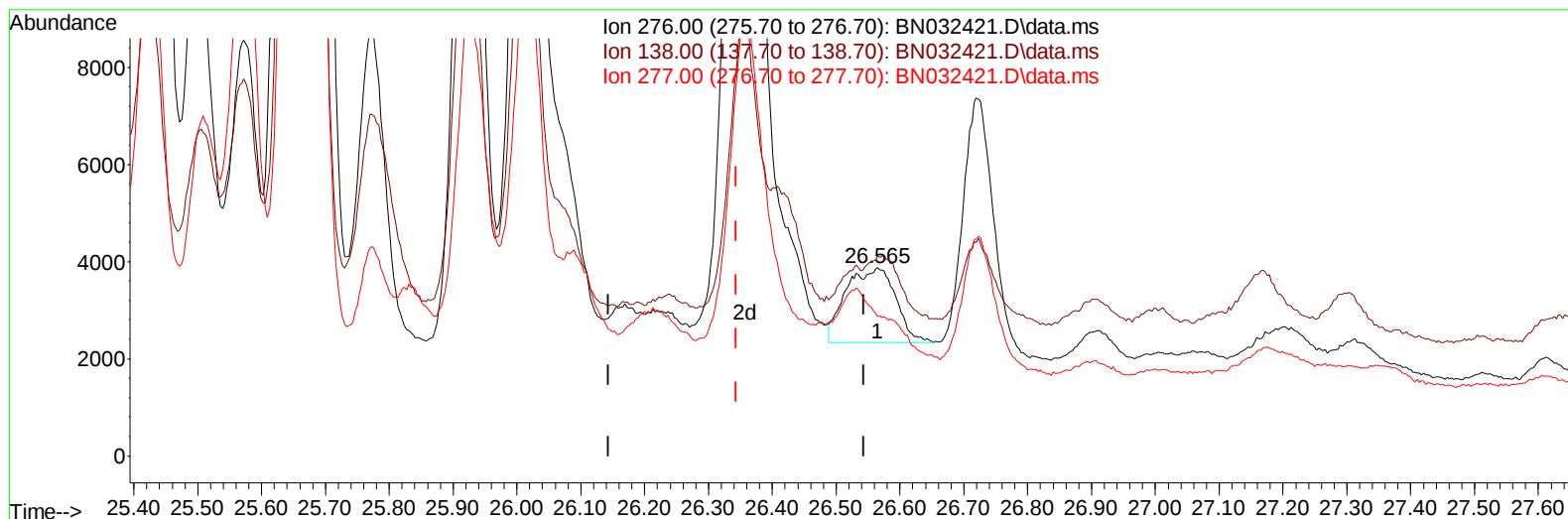
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

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

26.565min (+ 0.221) 0.09 ng/u1

response 8334

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	106.20#
277.00	24.70	74.28#
0.00	0.00	0.00

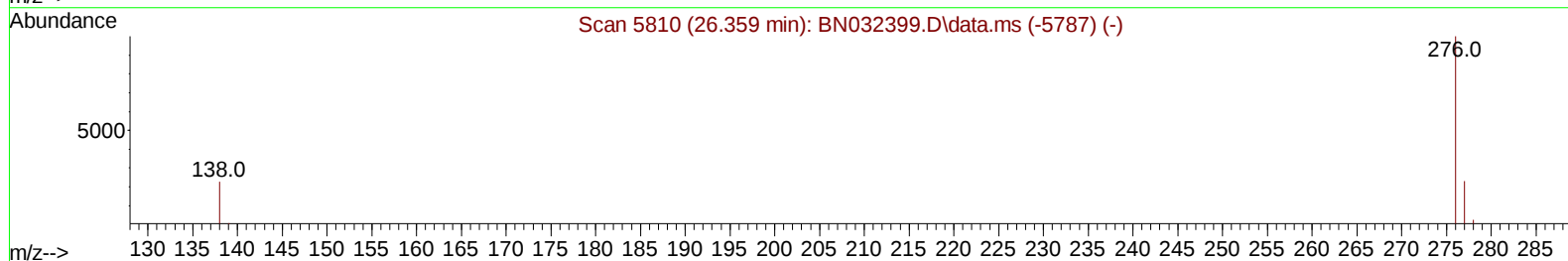
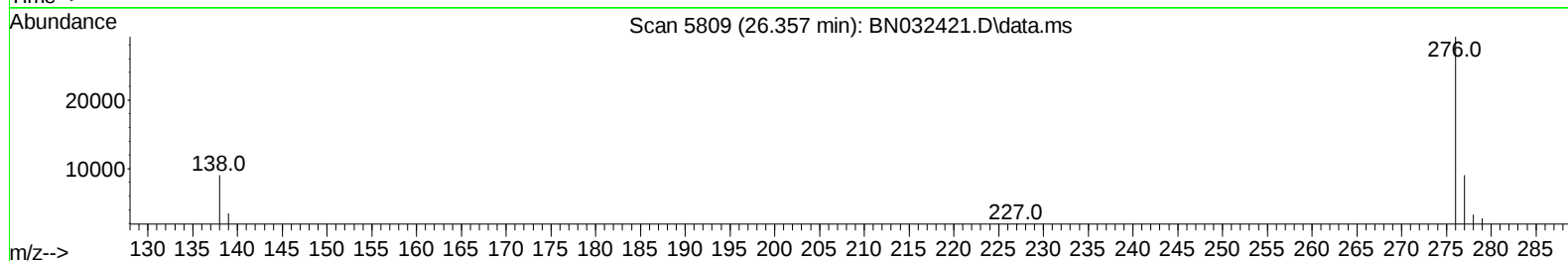
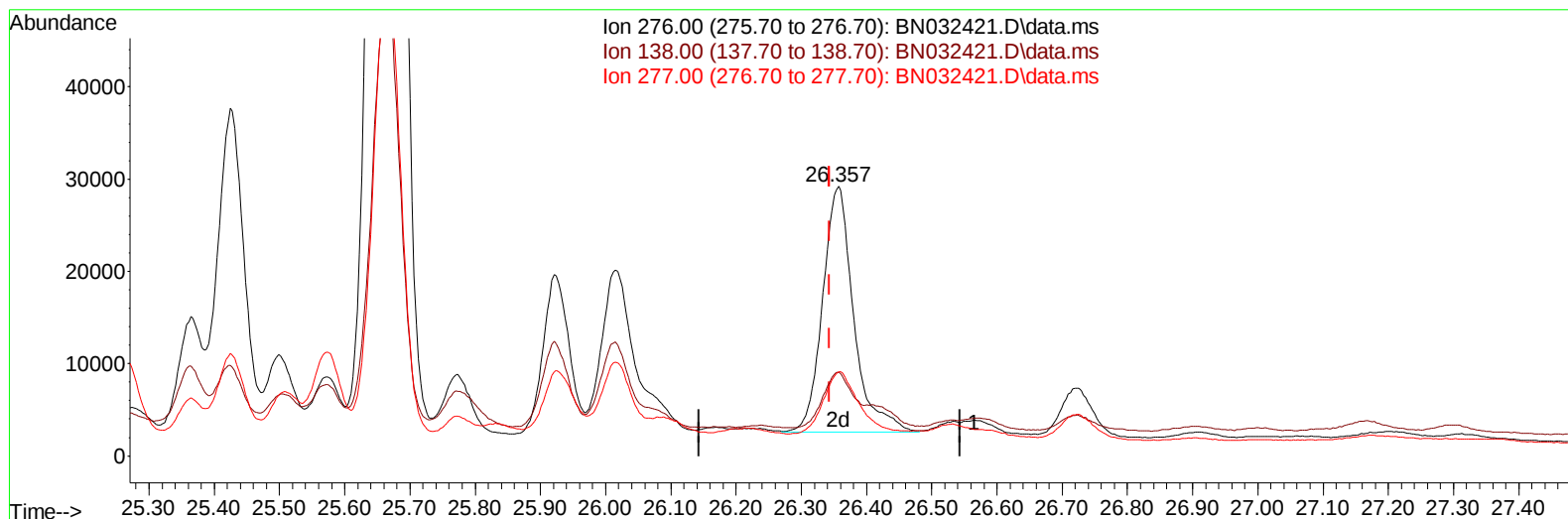
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032421.D
 Acq On : 03 Jul 2024 03:59
 Operator : MA/JU
 Sample : P2963-05
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 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 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032421.D\data.ms

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

26.357min (+ 0.013) 0.96 ng/ul m

response 88339

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	30.93#
277.00	24.70	31.15#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032421.D
 Acq On : 03 Jul 2024 03:59
 Operator : MA/JU
 Sample : P2963-05
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 04:23:47 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7515	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	24172	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	15441	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	30697m	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	16955m	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	24405m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	29211	3.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	10166	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	19677m	0.386	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.426	128	90046	1.408	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	37626	0.887	ng/ul	98
8) 1-Methylnaphthalene	12.273	142	25265	0.575	ng/ul	99
10) Acenaphthylene	13.971	152	148958	2.319	ng/ul	100
11) Acenaphthene	14.313	153	58982	1.183	ng/ul	99
12) Fluorene	15.303	166	76397	1.286	ng/ul	99
14) Pentachlorophenol	16.670	266	858m	0.124	ng/ul	
15) Phenanthrene	17.045	178	1390642m	16.524	ng/ul	
16) Anthracene	17.138	178	327900m	4.368	ng/ul	
19) Fluoranthene	19.073	202	2157552m	33.418	ng/ul	
20) Pyrene	19.440	202	1653758m	24.511	ng/ul	
21) Benzo(a)anthracene	21.194	228	1031075m	16.849	ng/ul	
22) Chrysene	21.246	228	1140991m	16.987	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	1459267m	13.763	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	549687m	5.336	ng/ul	
26) Benzo(a)pyrene	23.333	252	591912m	8.024	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	582730m	5.045	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	223478m	2.604	ng/ul	
29) Benzo(g,h,i)perylene	26.357	276	88339m	0.960	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032421.D
Acq On : 03 Jul 2024 03:59
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 04:23:47 2024
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