

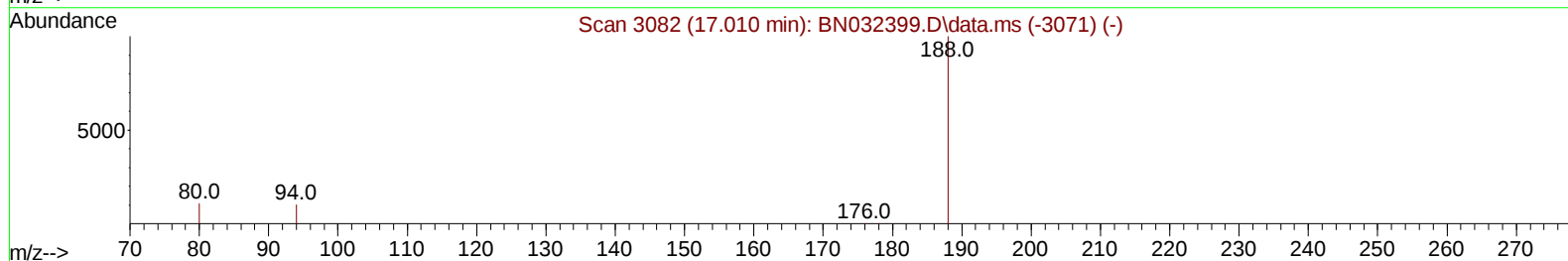
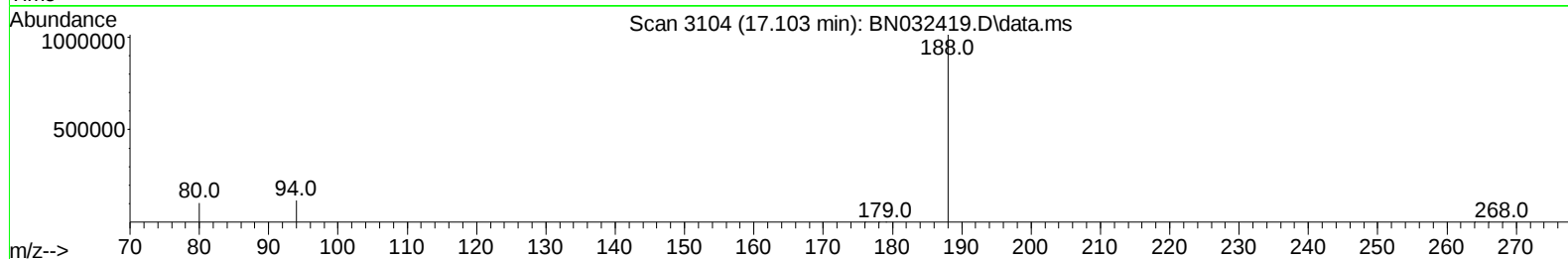
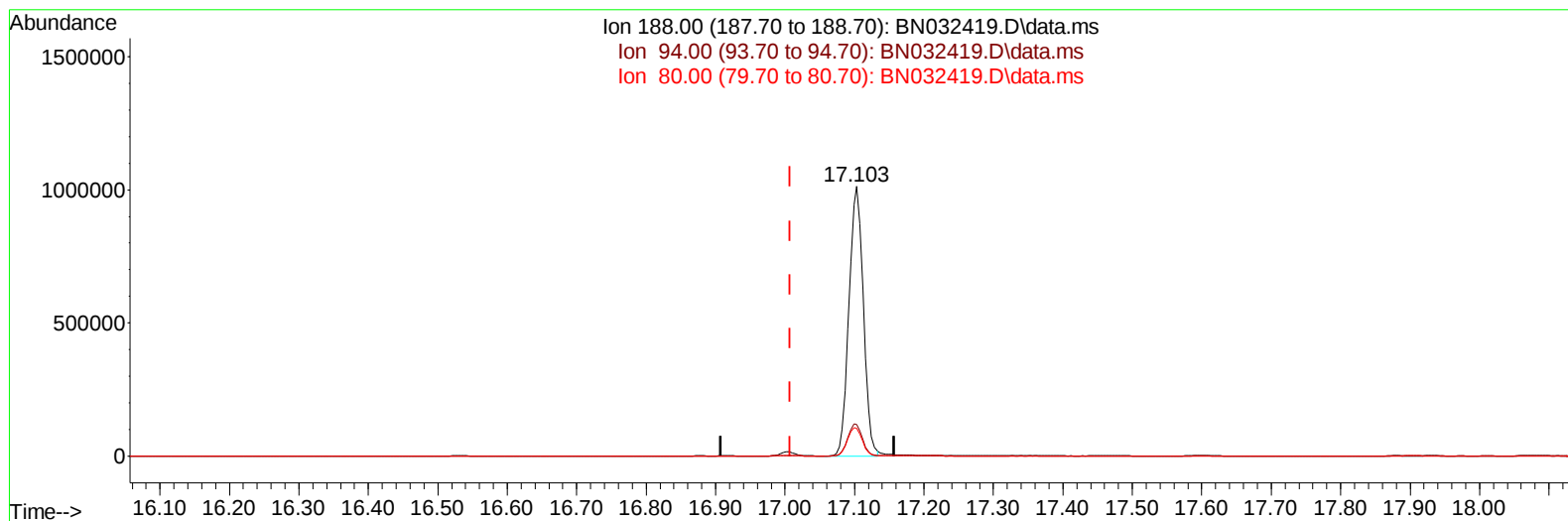
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(13) Phenanthrene-d10 (I)

17.103min (+ 0.096) 0.40 ng/u1

response 1446734

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.70
80.00	10.50	10.22
0.00	0.00	0.00

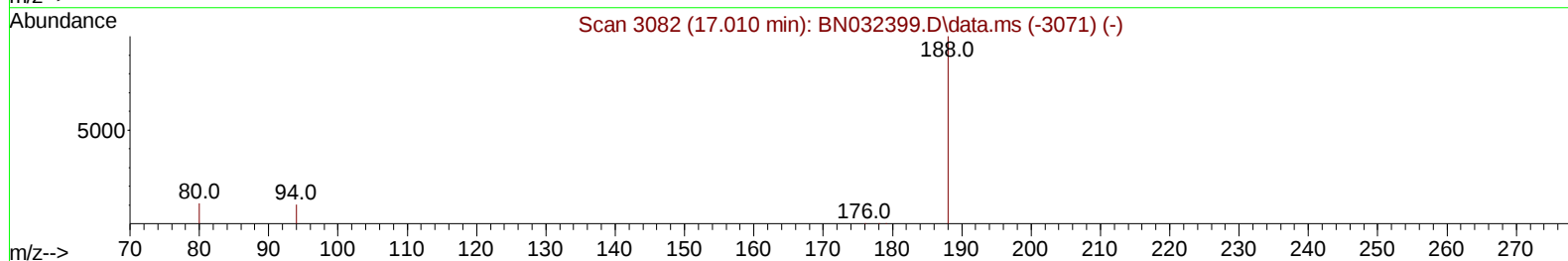
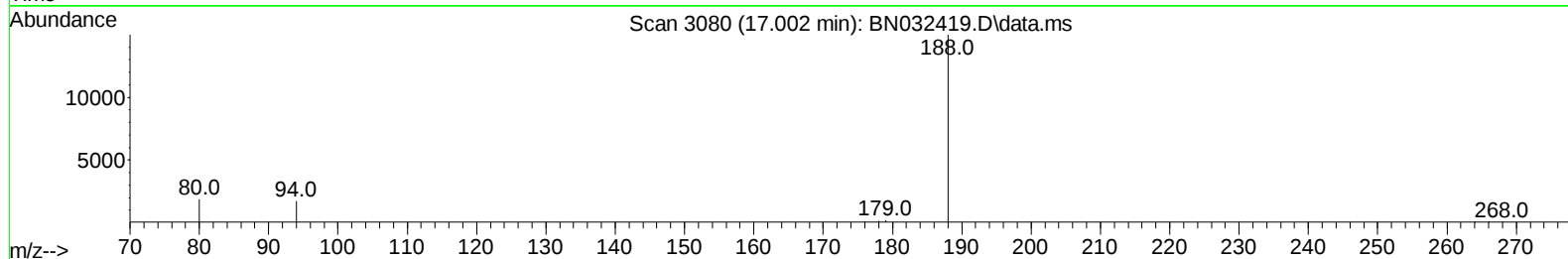
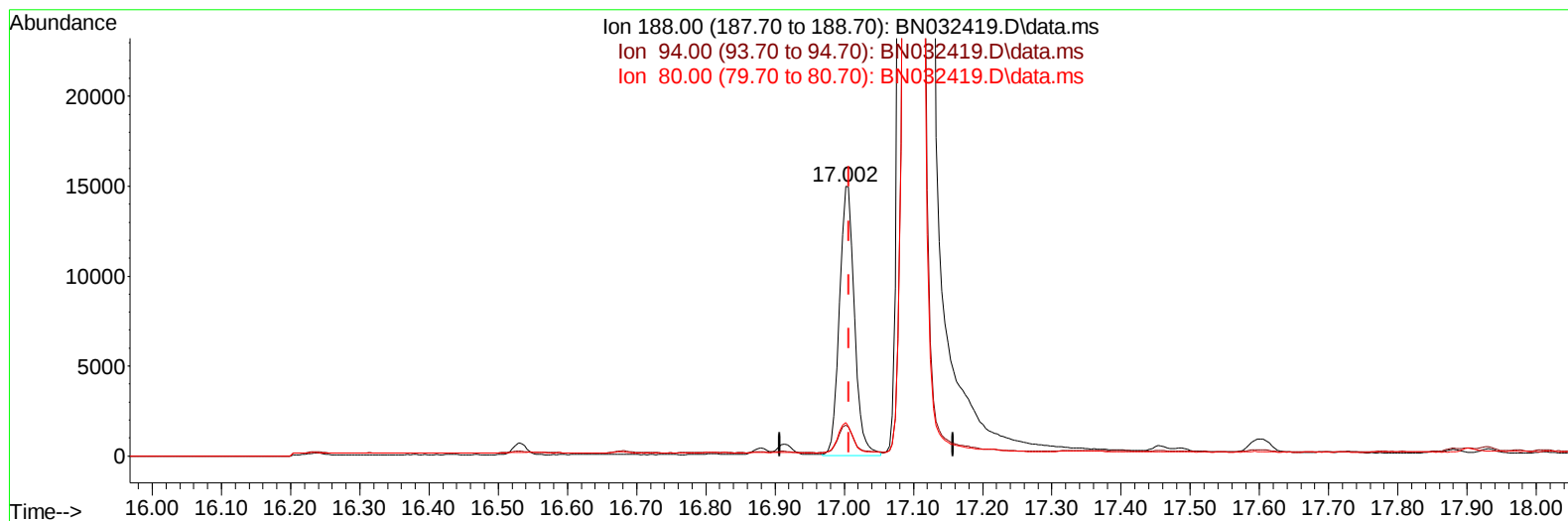
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(13) Phenanthrene-d10 (I)

17.002min (-0.006) 0.40 ng/u1 m

response 22447

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.56
80.00	10.50	12.43
0.00	0.00	0.00

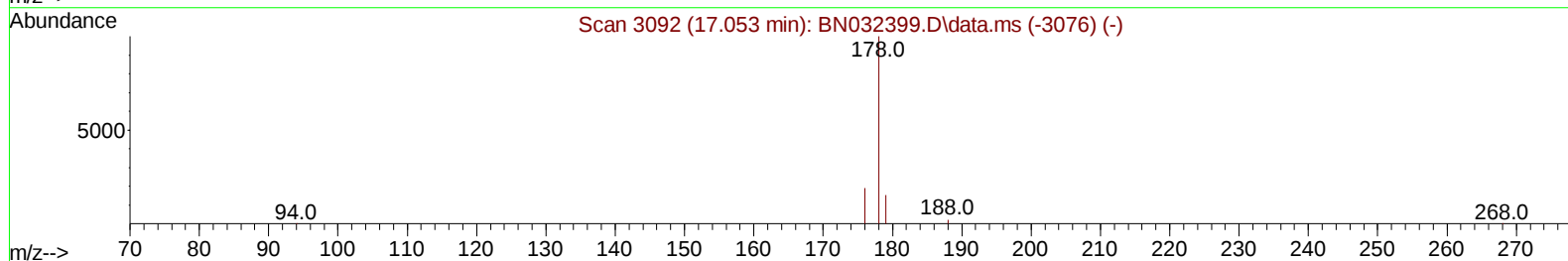
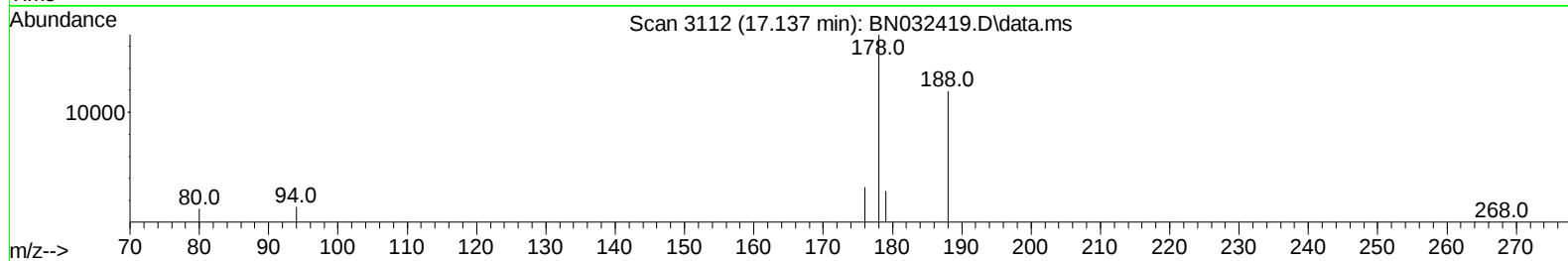
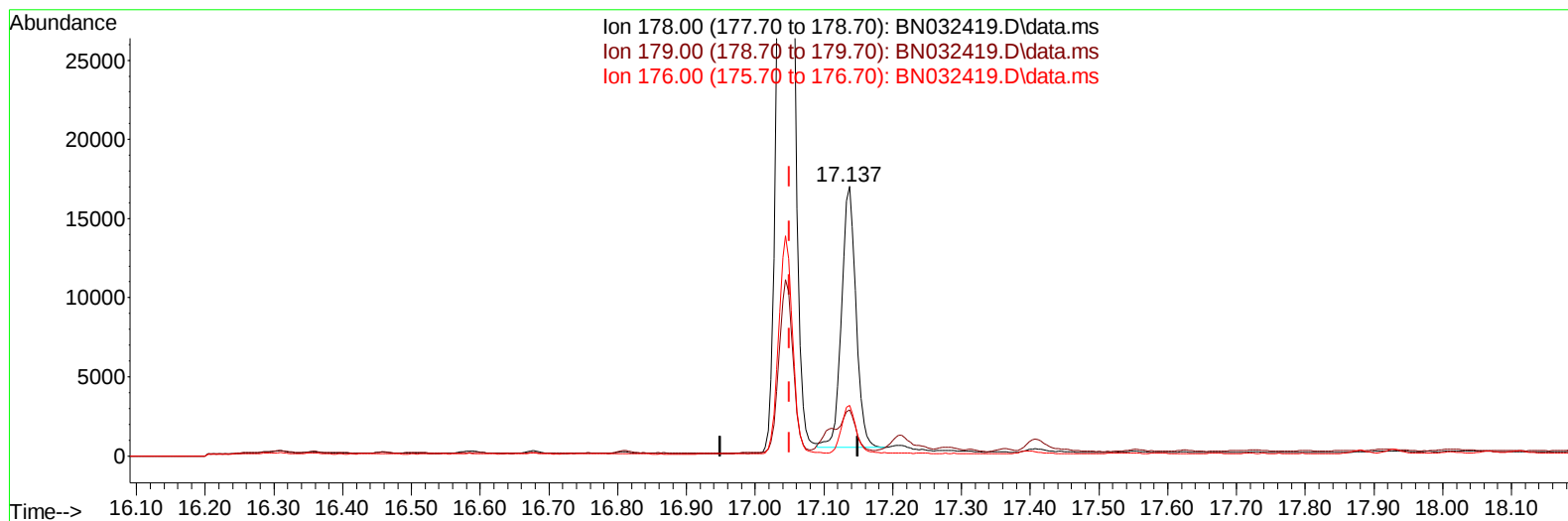
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(15) Phenanthrene

17.137min (+ 0.087) 0.39 ng/u1

response 24078

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	17.05
176.00	19.50	18.88
0.00	0.00	0.00

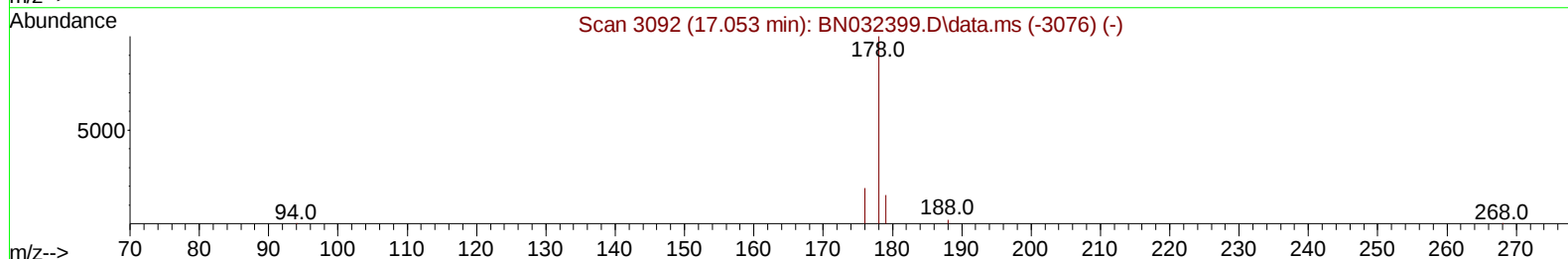
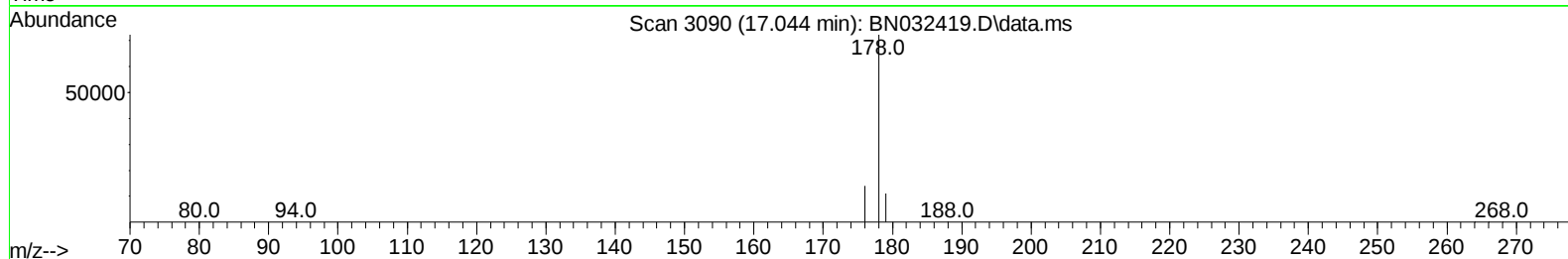
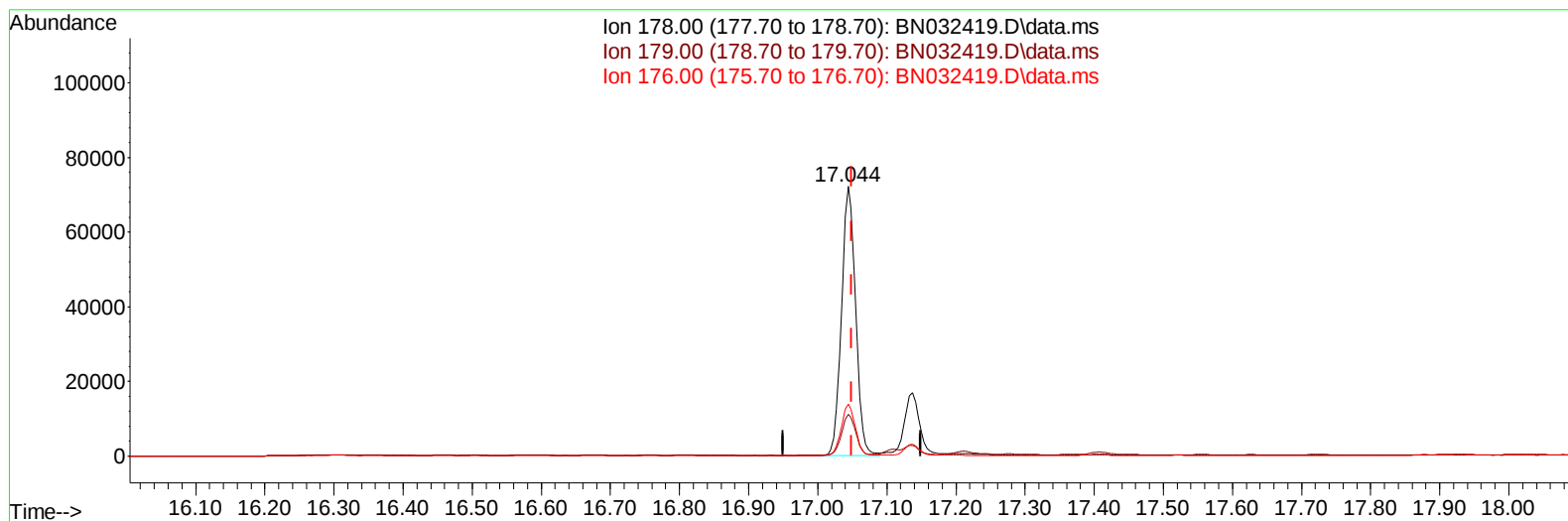
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(15) Phenanthrene

17.044min (-0.006) 1.66 ng/ul m

response 102033

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.39
176.00	19.50	19.27
0.00	0.00	0.00

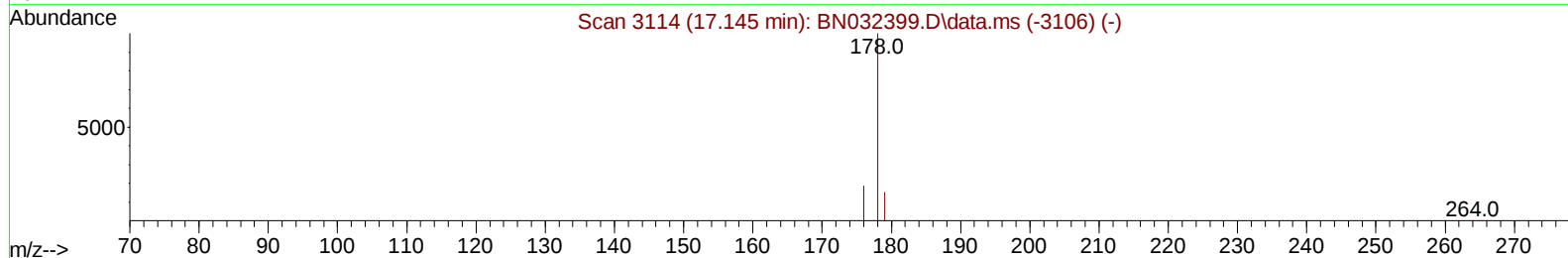
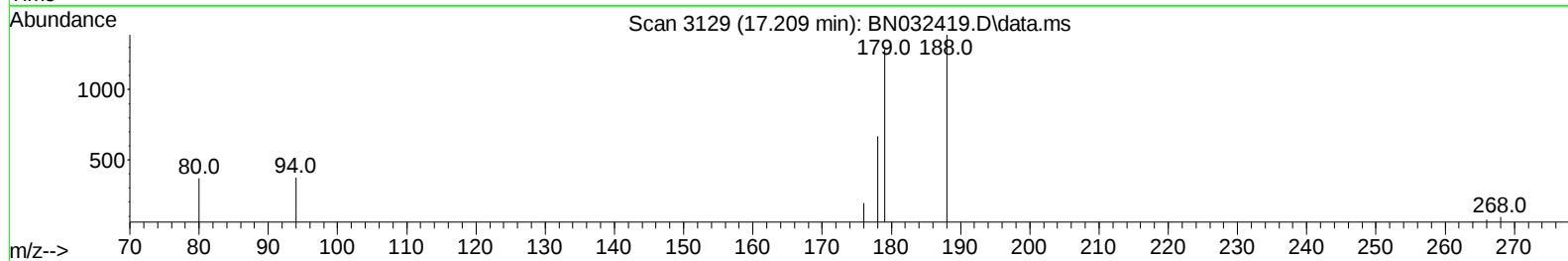
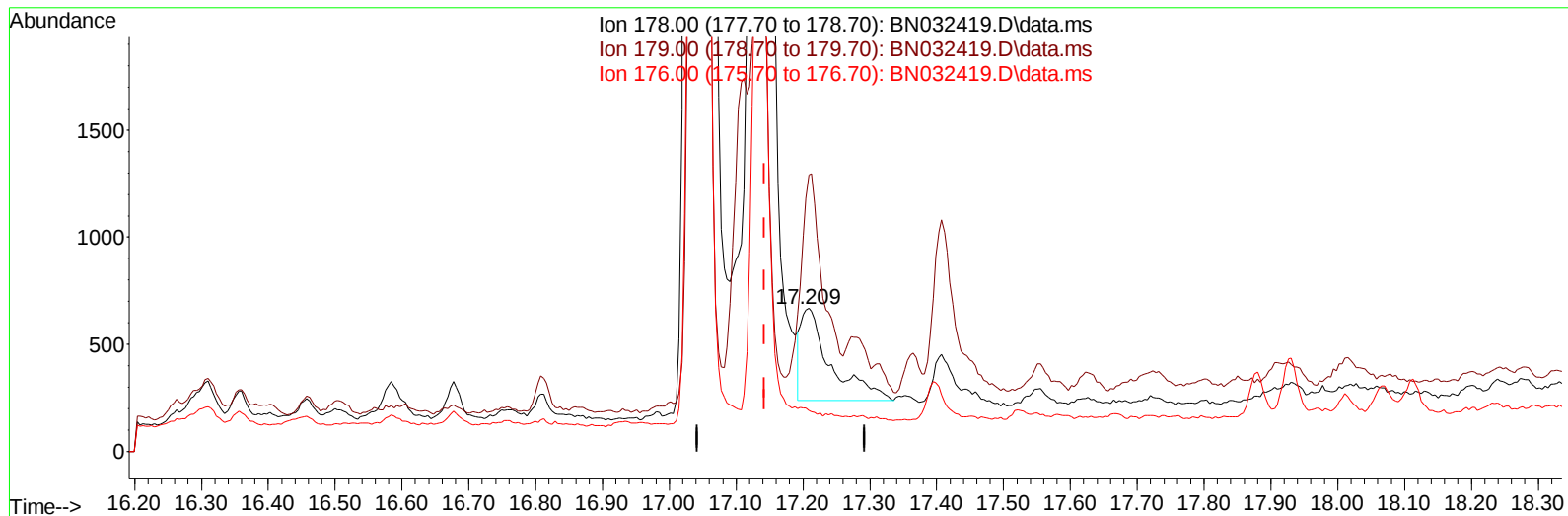
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032419.D\data.ms

(16) Anthracene

17.209min (+ 0.066) 0.02 ng/u1

response 1333

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	192.96#
176.00	18.80	28.74#
0.00	0.00	0.00

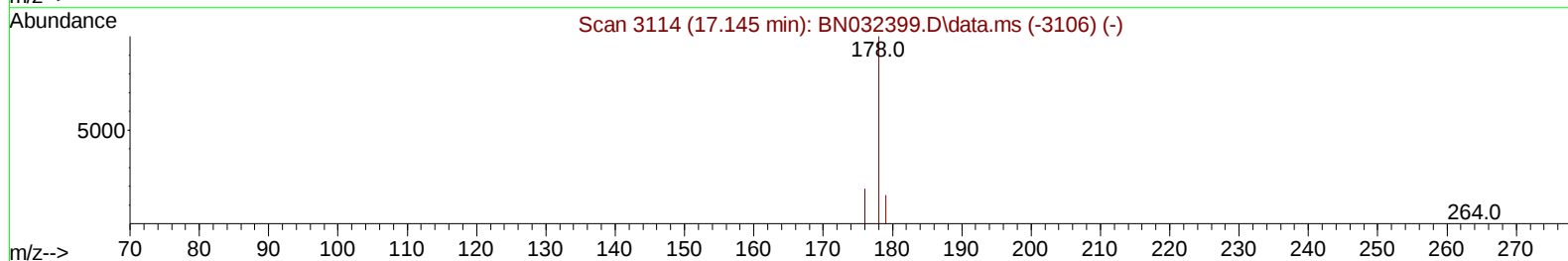
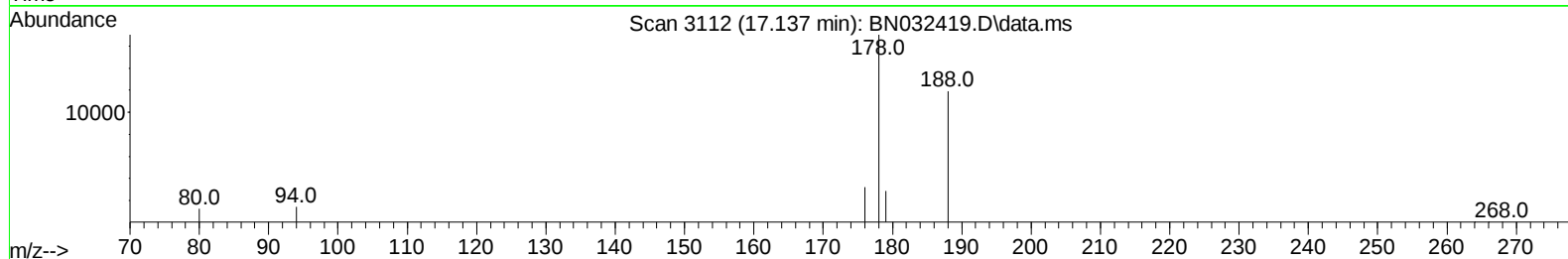
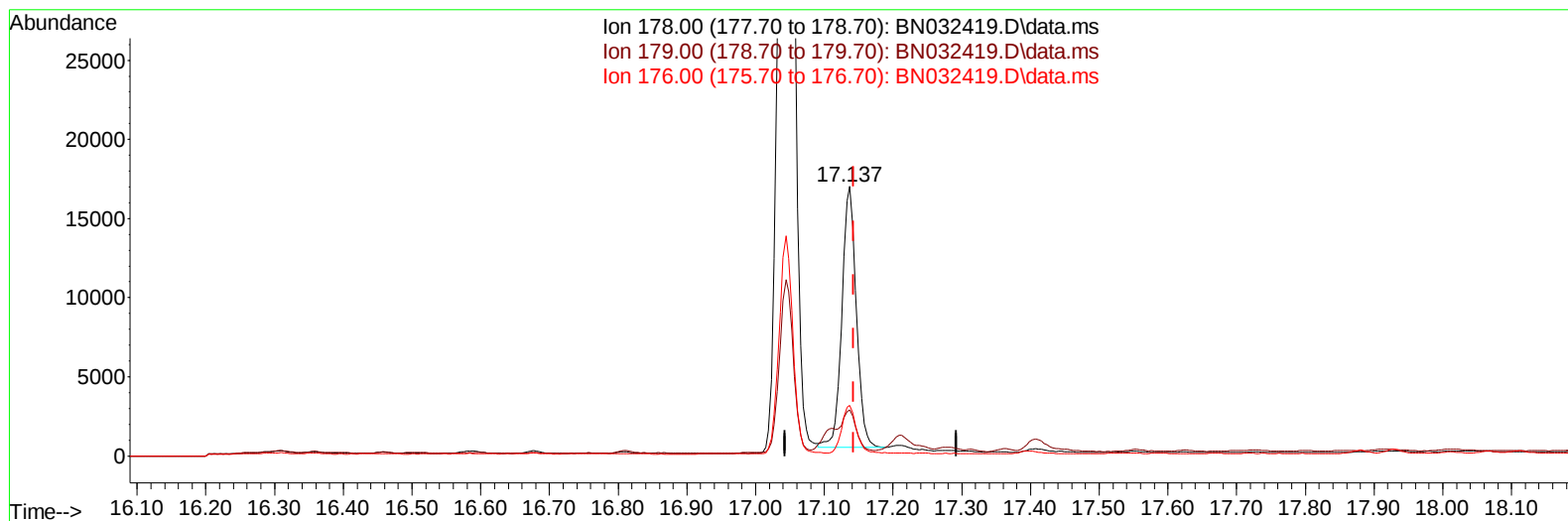
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(16) Anthracene

17.137min (-0.006) 0.44 ng/u1 m

response 24124

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	17.05
176.00	18.80	18.88
0.00	0.00	0.00

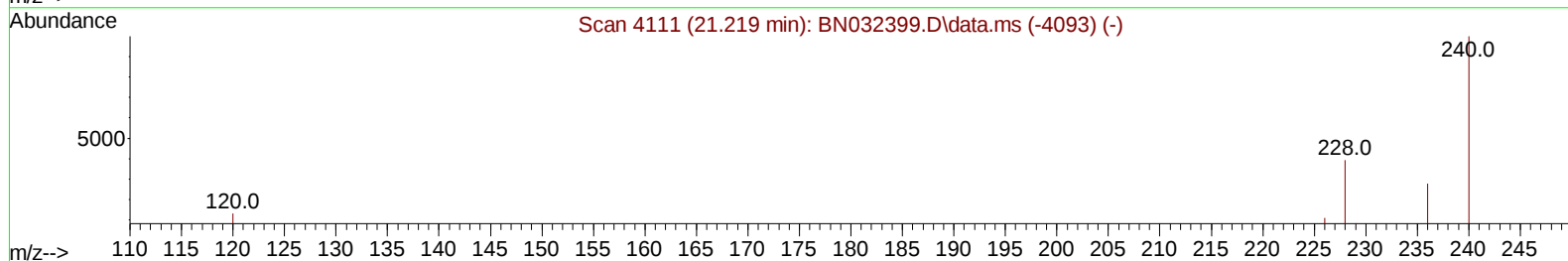
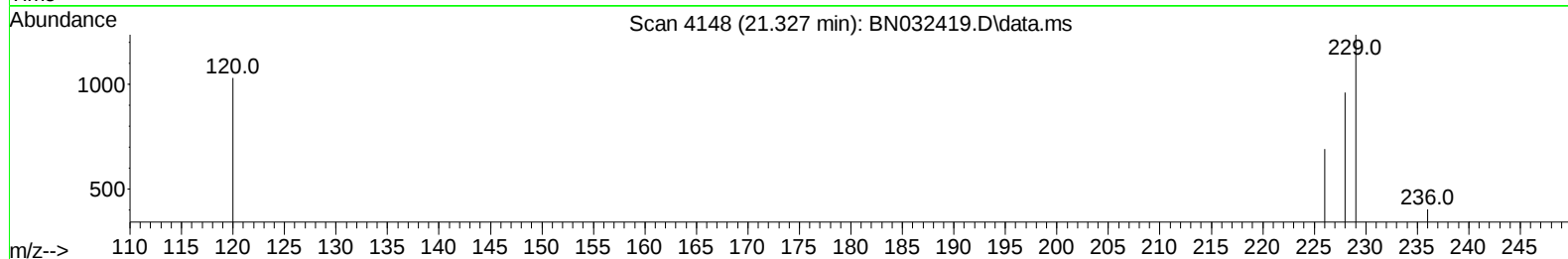
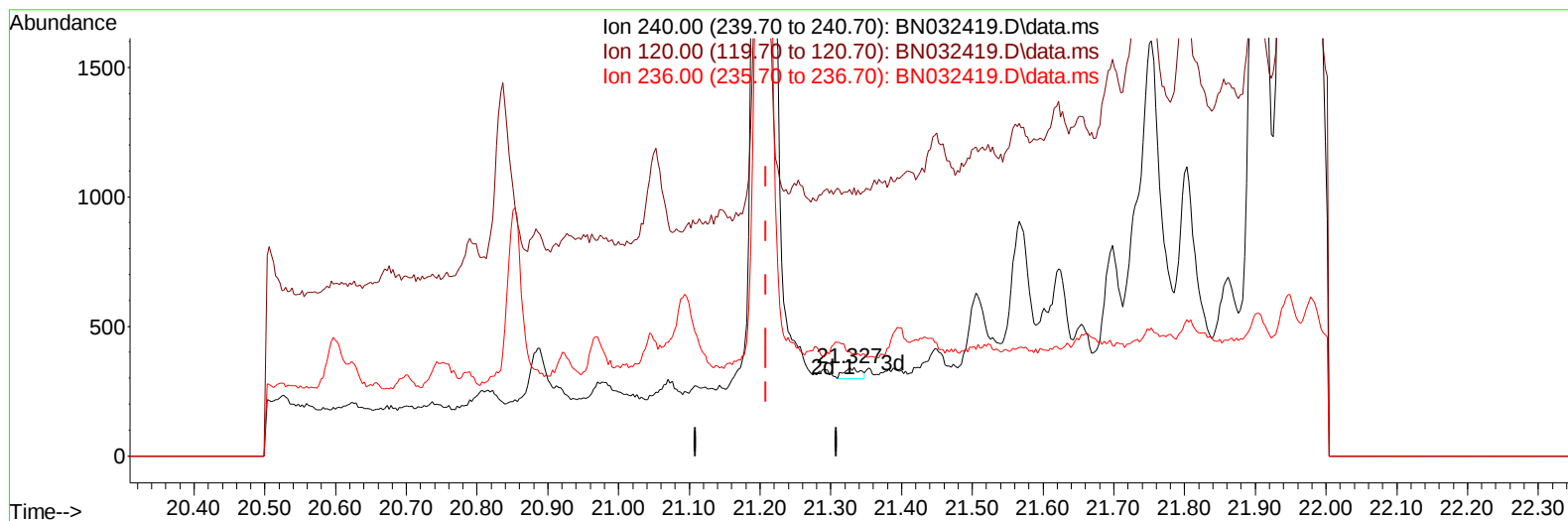
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(17) Chrysene-d12

21.327min (+ 0.118) 0.40 ng/u1

response 66

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	300.58#
236.00	28.40	117.84#
0.00	0.00	0.00

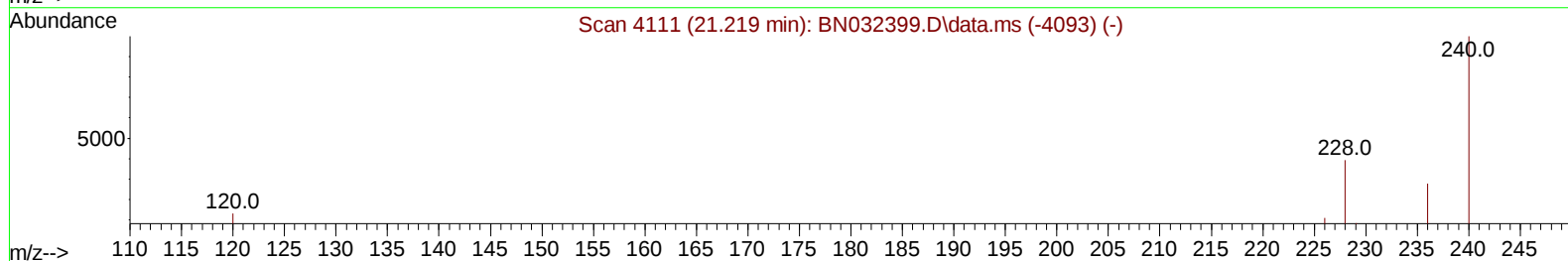
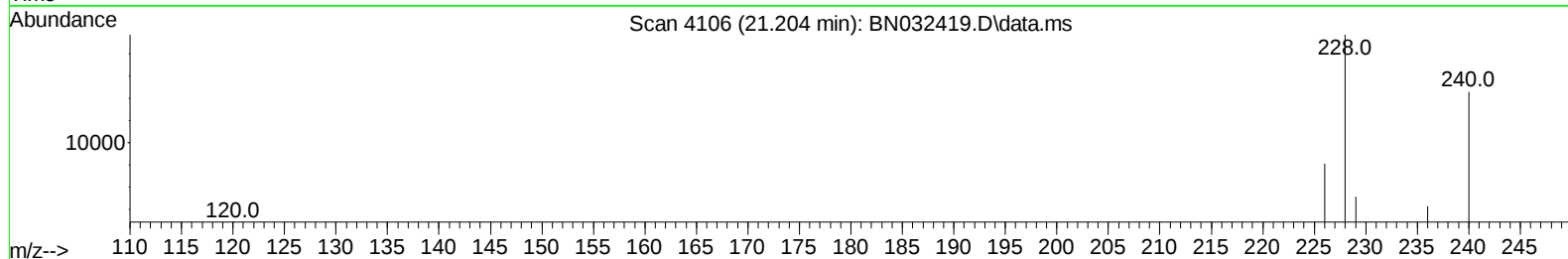
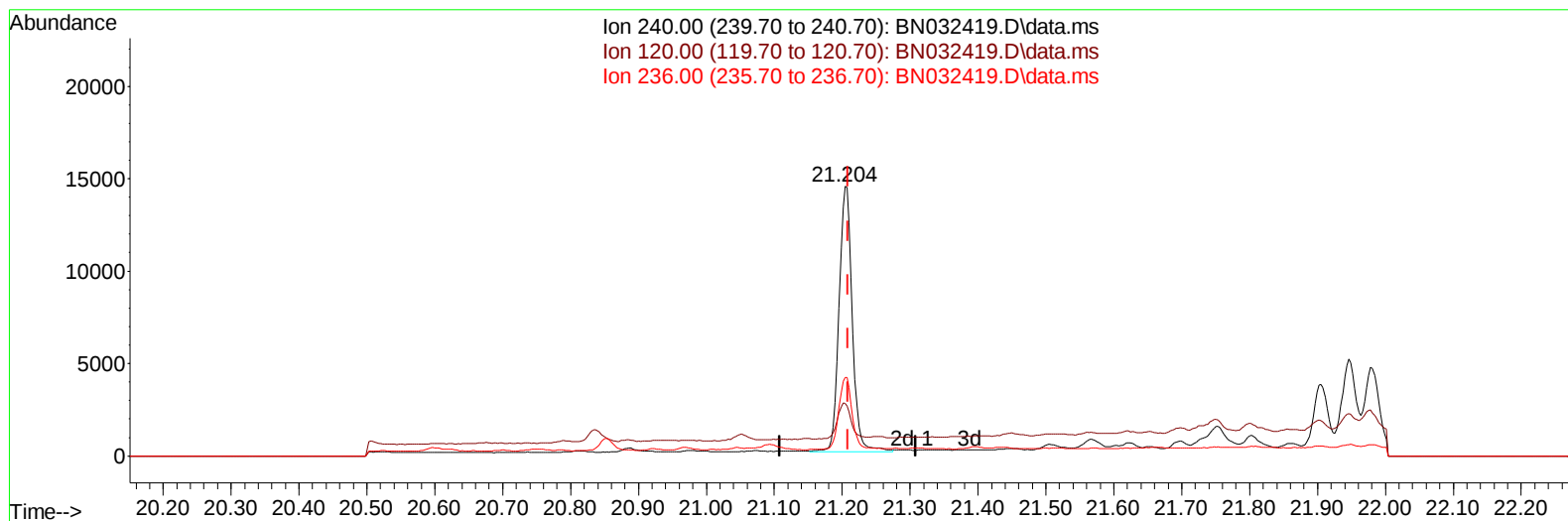
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(17) Chrysene-d12

21.204min (-0.004) 0.40 ng/ul m

response 19439

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	19.57
236.00	28.40	29.23
0.00	0.00	0.00

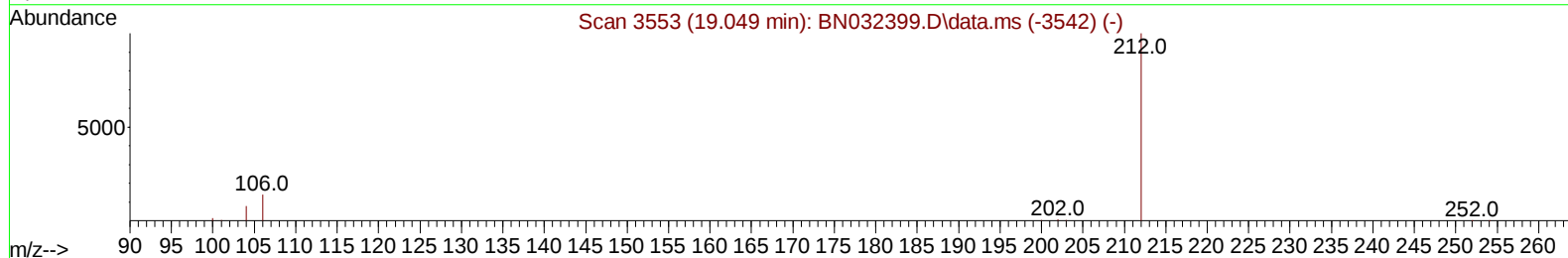
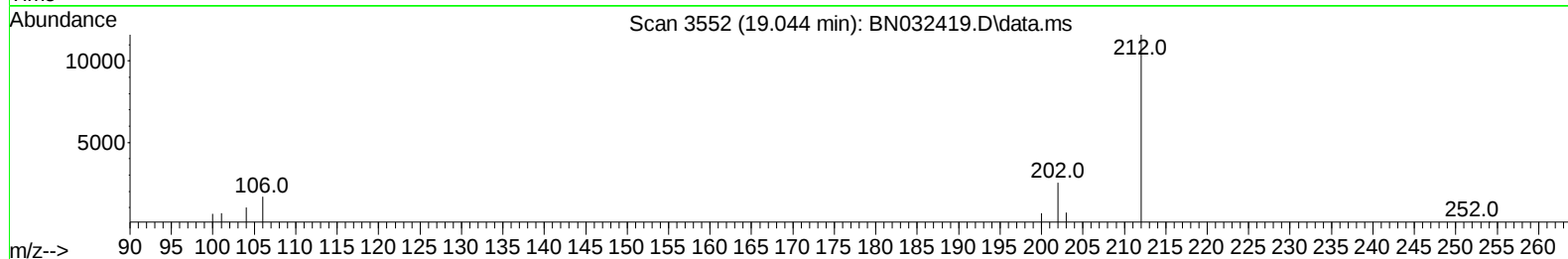
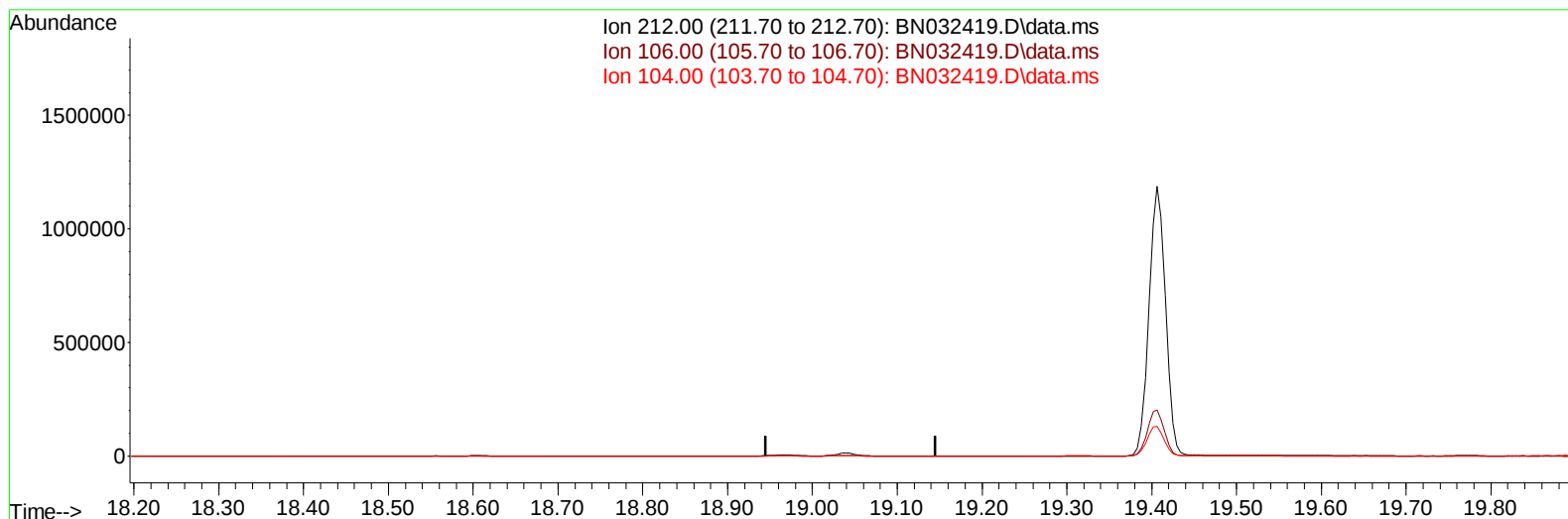
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.045min (-19.045) 0.00 ng/u1

response 0

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

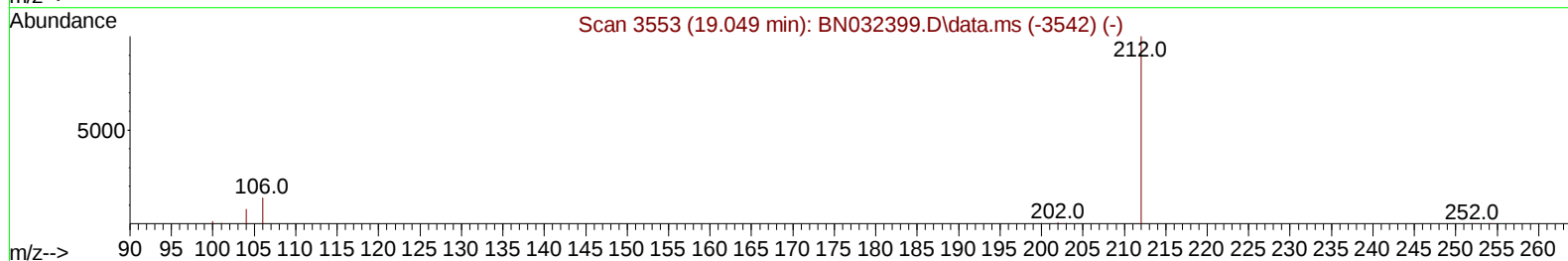
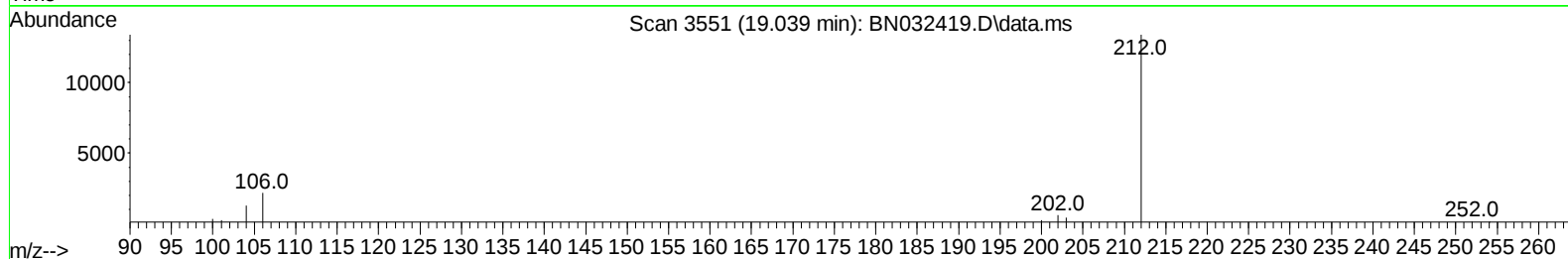
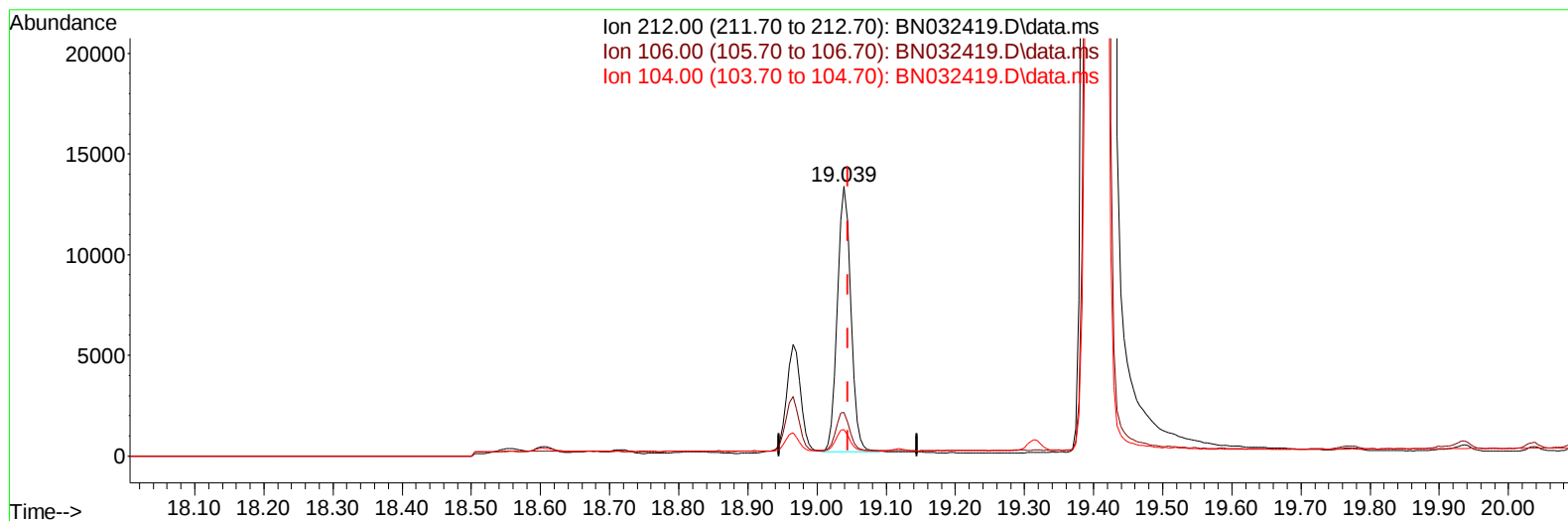
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.039min (-0.006) 0.30 ng/u1 m

response 17468

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

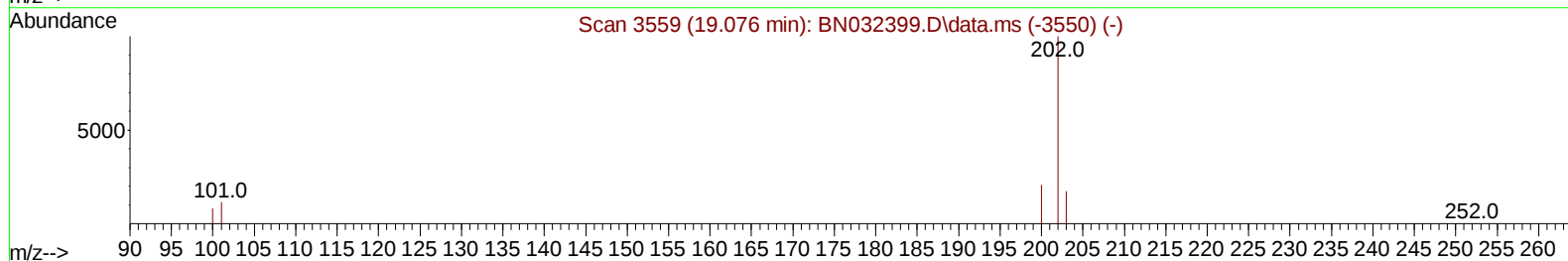
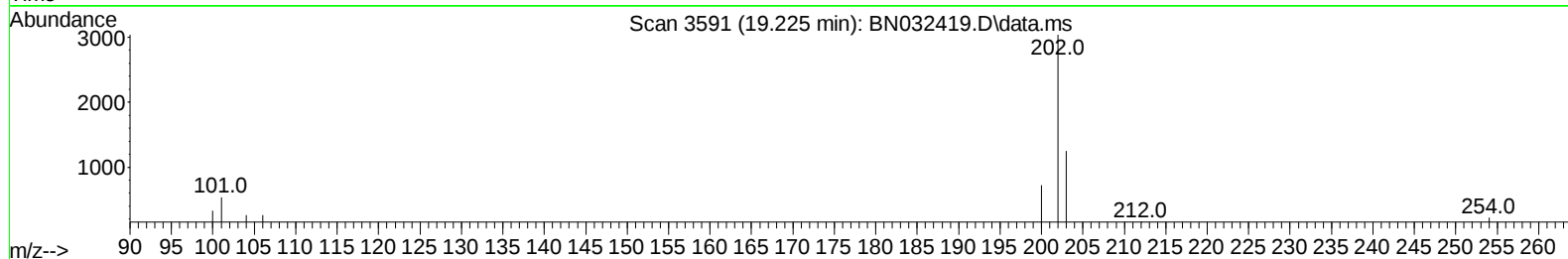
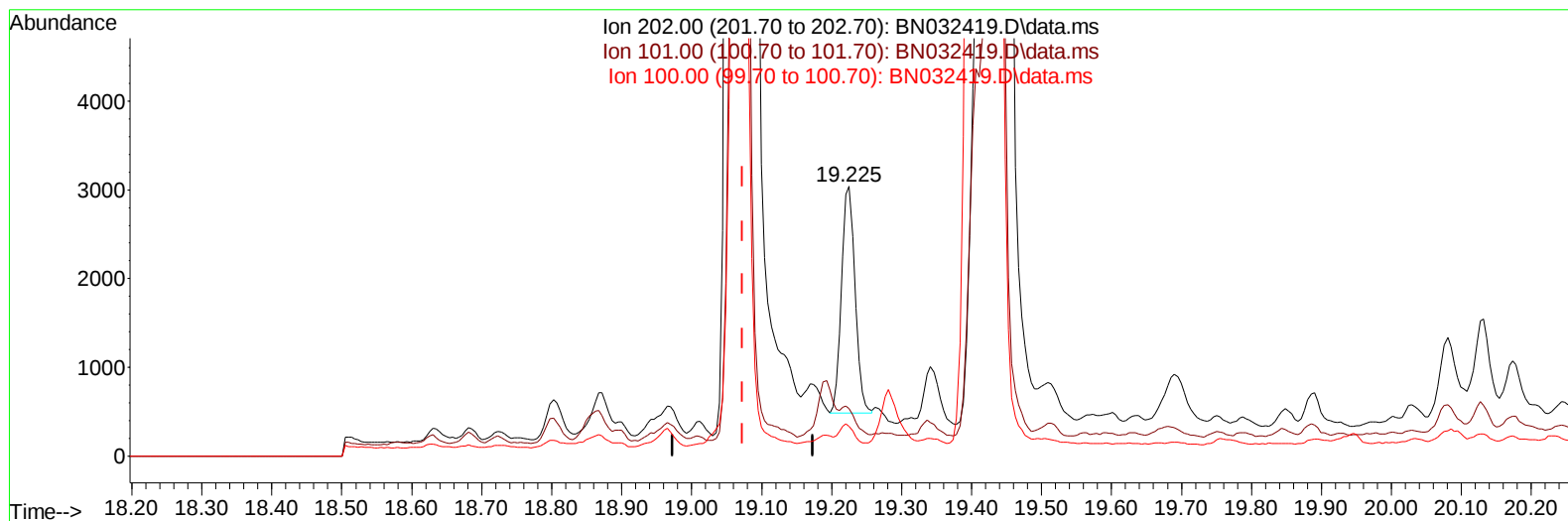
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 2024
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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: BN032419.D\data.ms

(19) Fluoranthene (C)

19.225min (+ 0.152) 0.05 ng/u1

response 3402

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	17.68#
100.00	8.00	10.90#
0.00	0.00	0.00

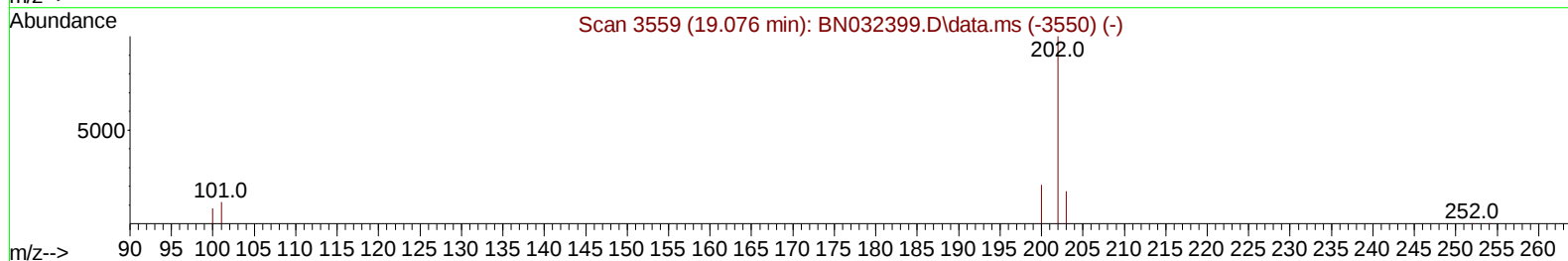
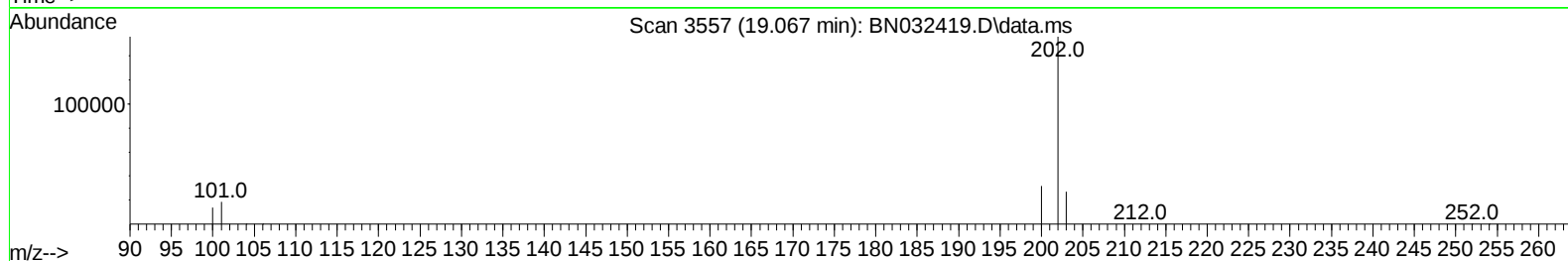
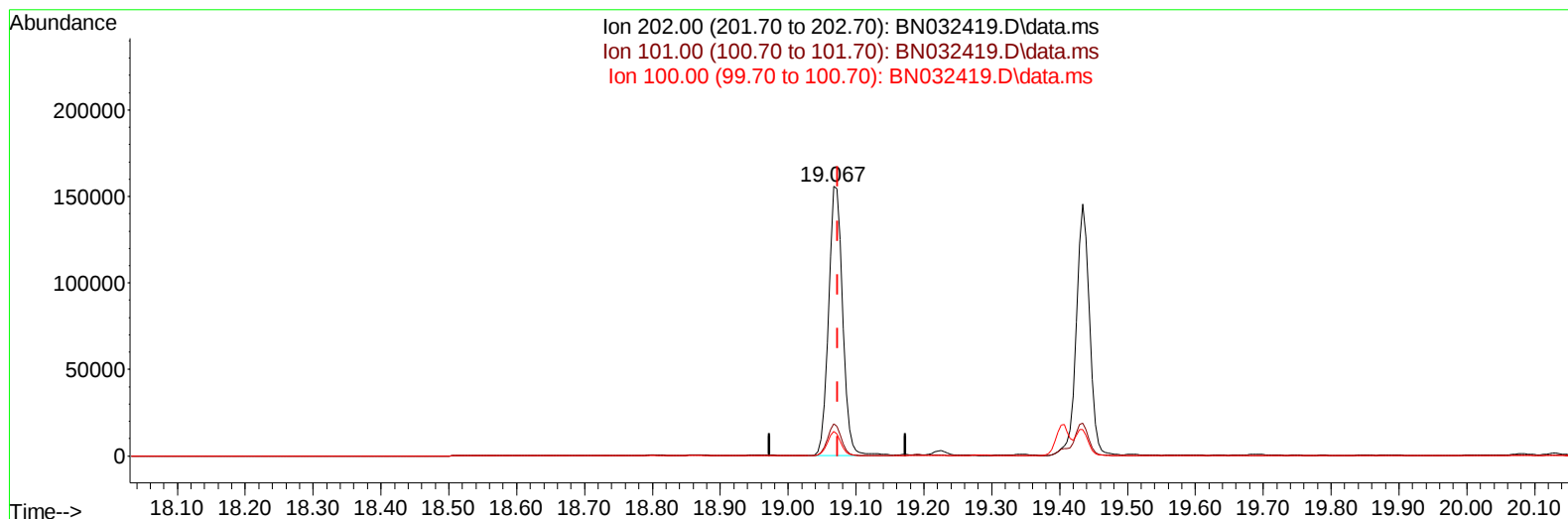
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(19) Fluoranthene (C)

19.067min (-0.006) 3.02 ng/u1 m

response 223706

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.86
100.00	8.00	9.02
0.00	0.00	0.00

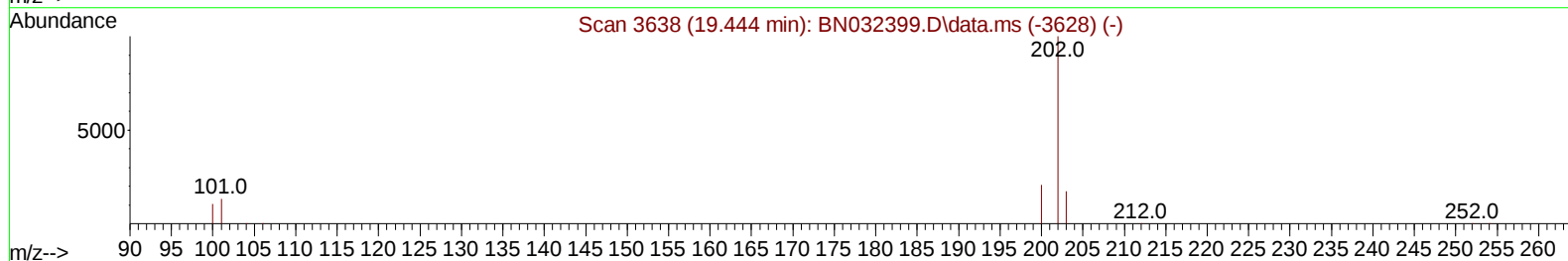
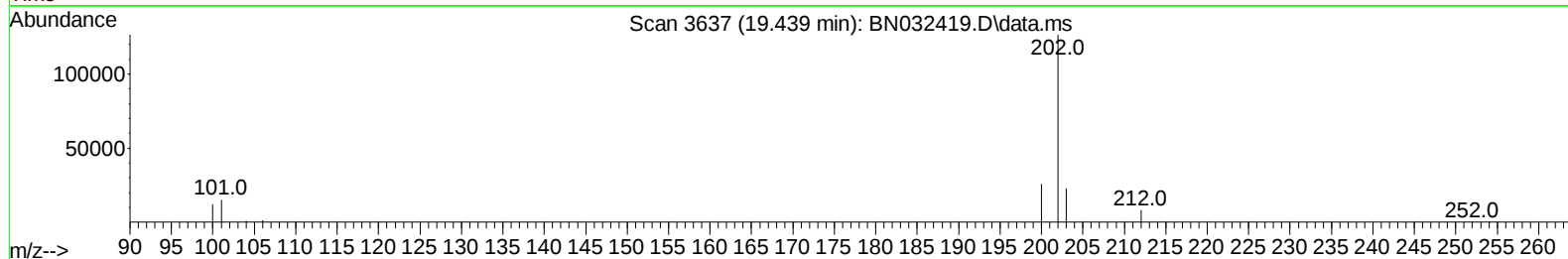
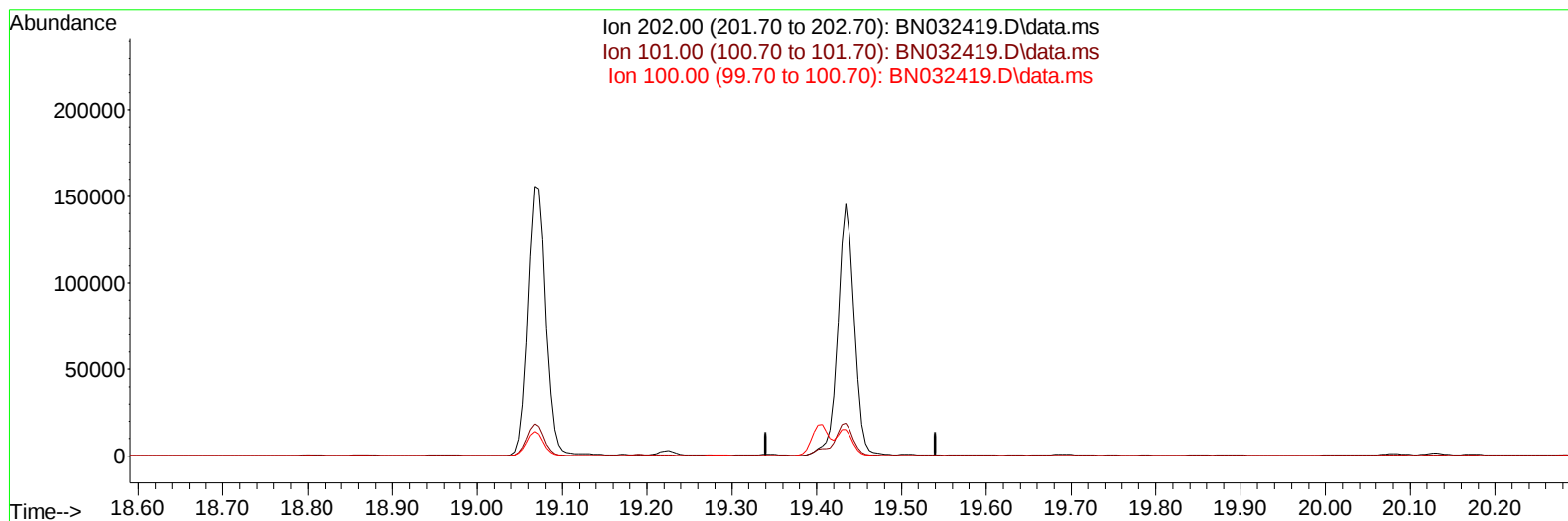
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032419.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

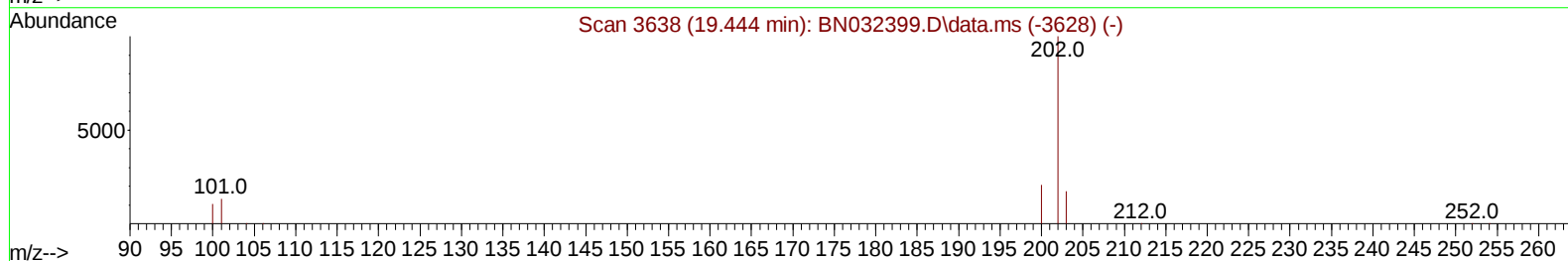
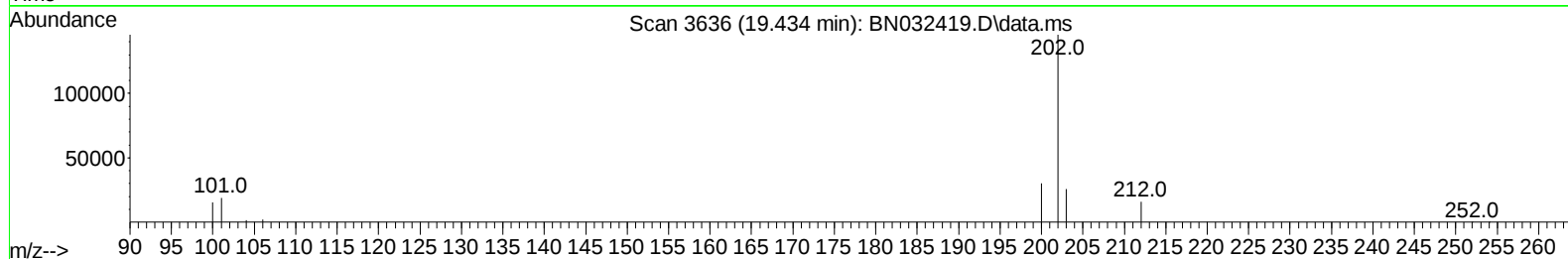
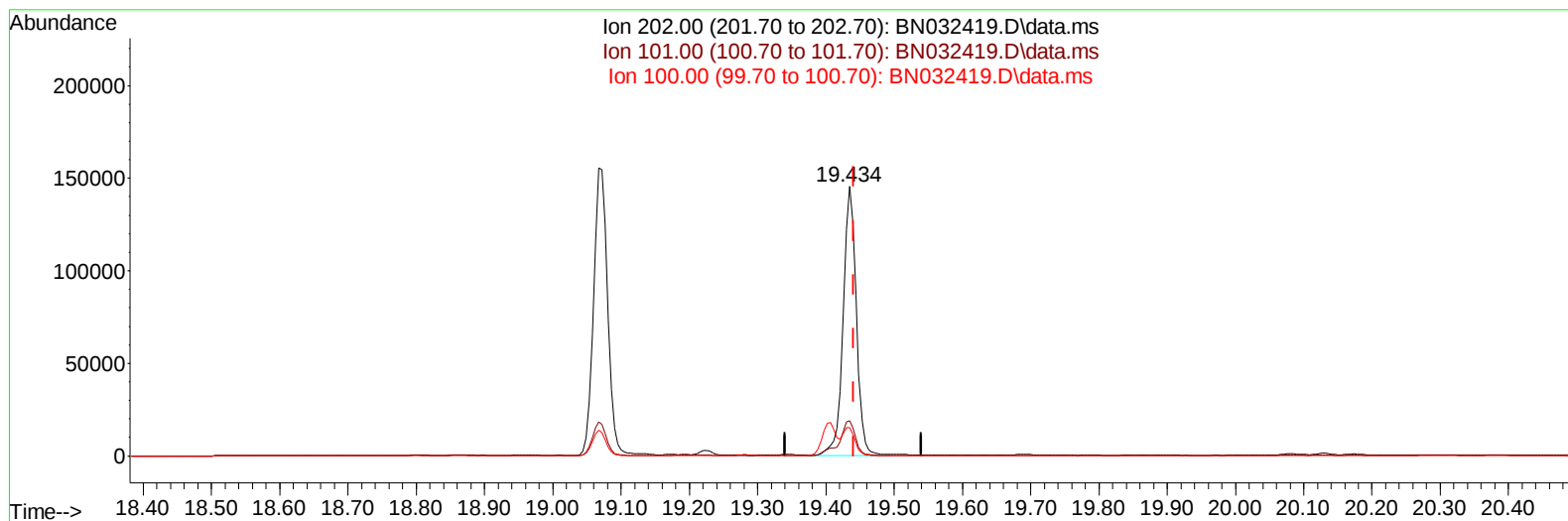
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(20) Pyrene

19.434min (-0.006) 2.56 ng/u1 m

response 198126

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.02
100.00	10.90	10.50
0.00	0.00	0.00

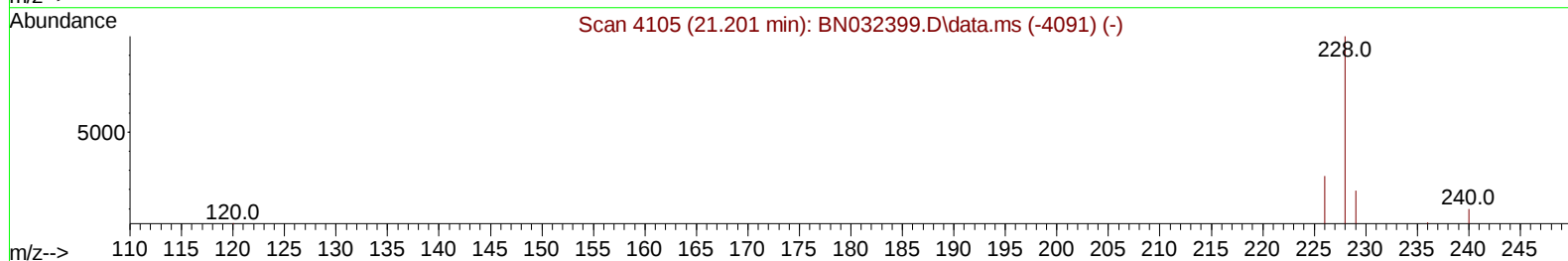
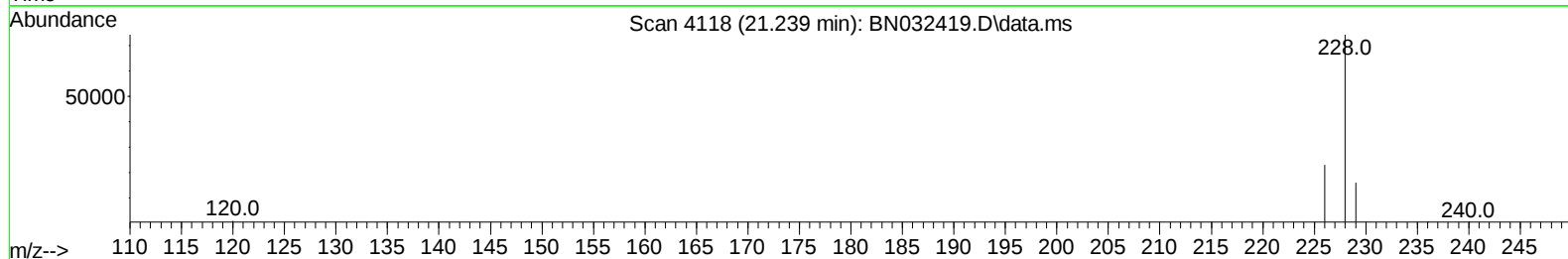
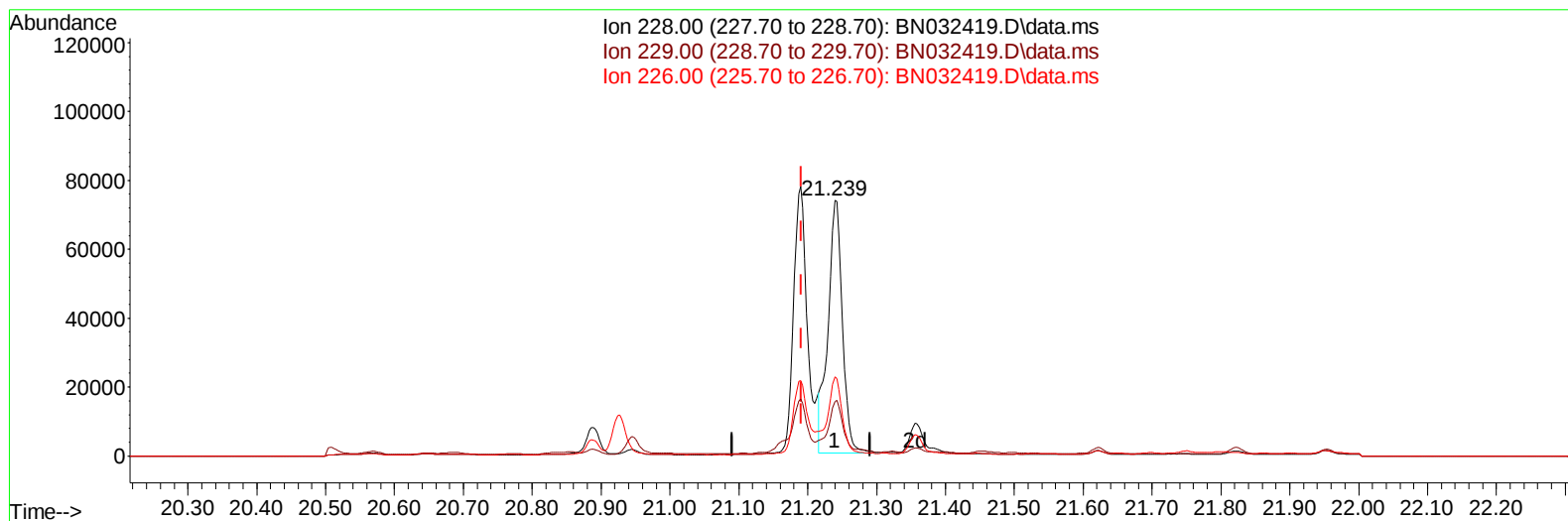
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(21) Benzo(a)anthracene

21.239min (+ 0.048) 1.51 ng/u1

response 106267

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.38
226.00	27.30	31.02
0.00	0.00	0.00

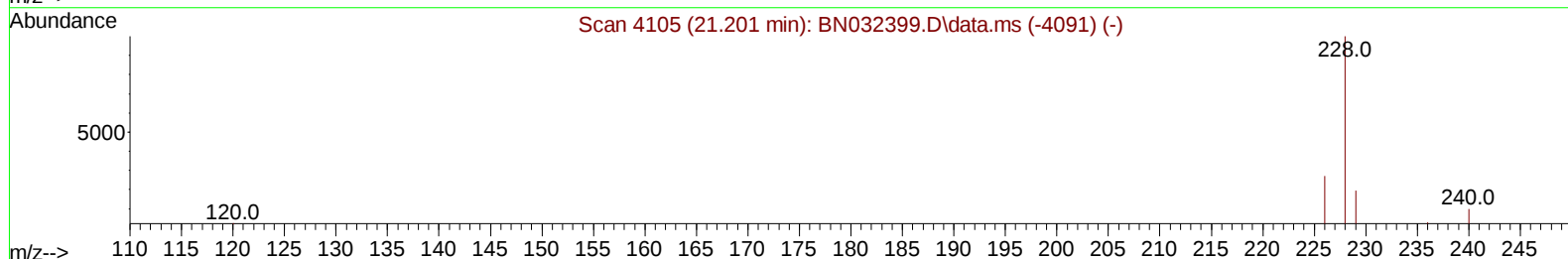
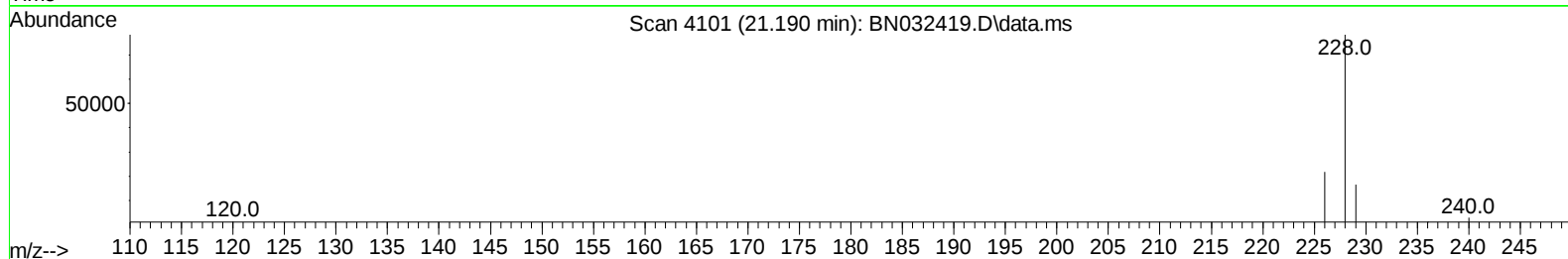
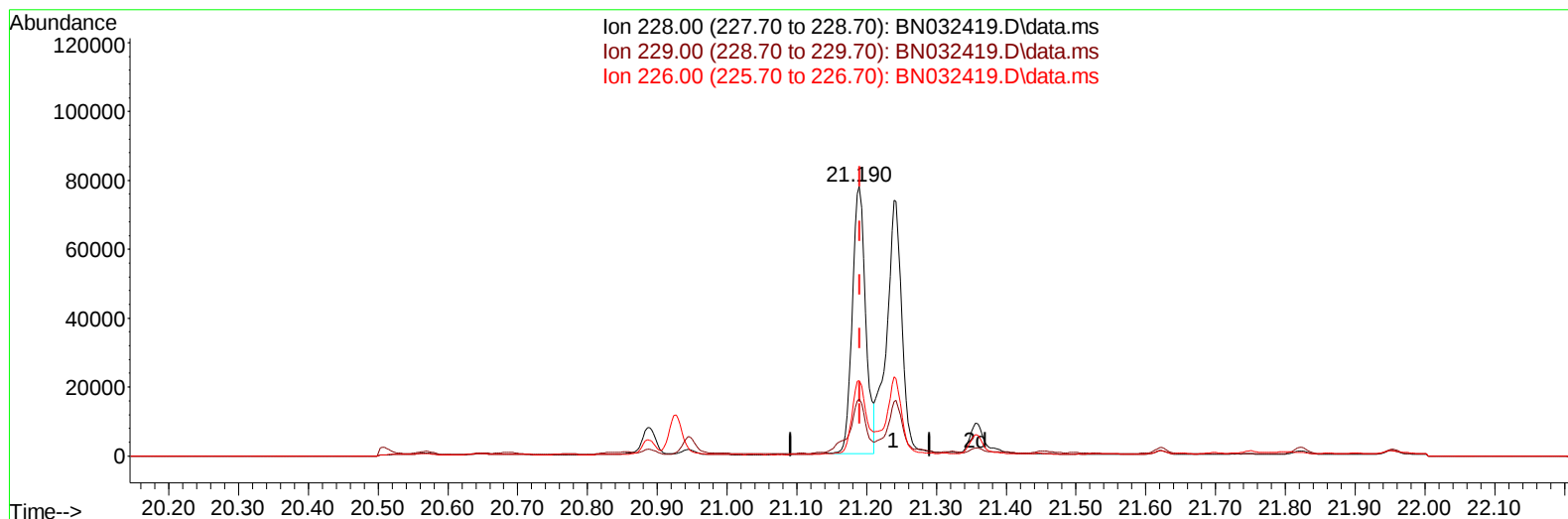
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(21) Benzo(a)anthracene

21.190min (-0.001) 1.48 ng/u1 m

response 104165

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.15
226.00	27.30	27.89
0.00	0.00	0.00

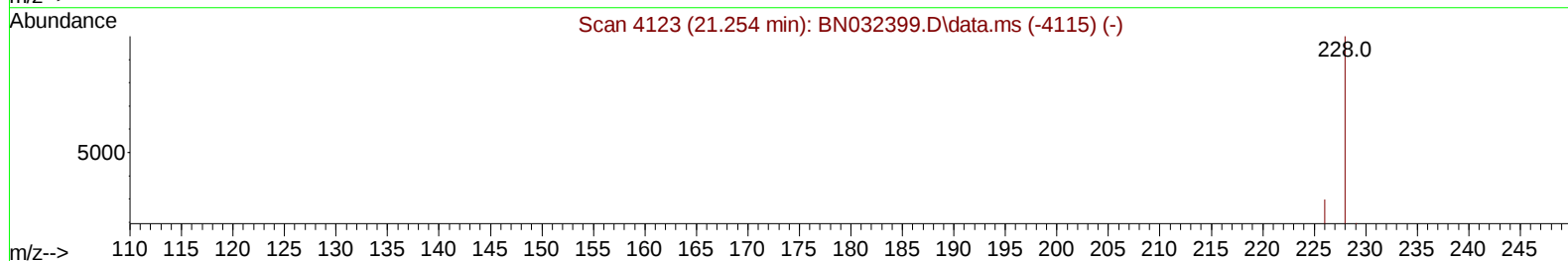
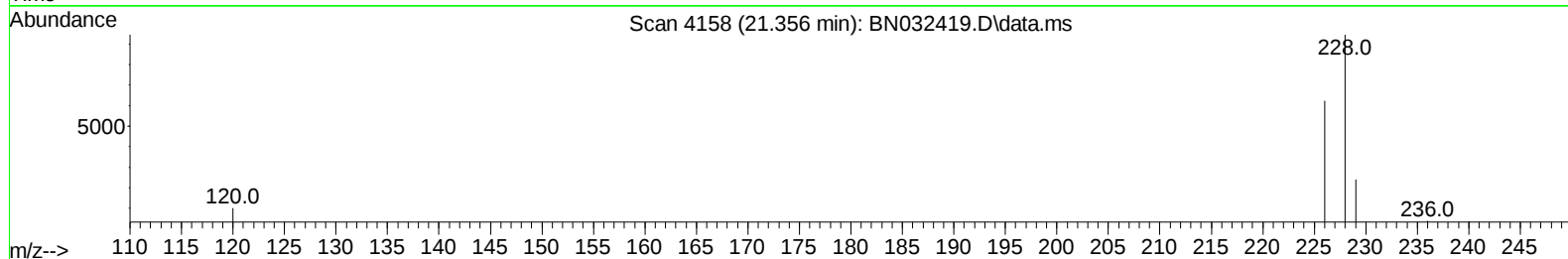
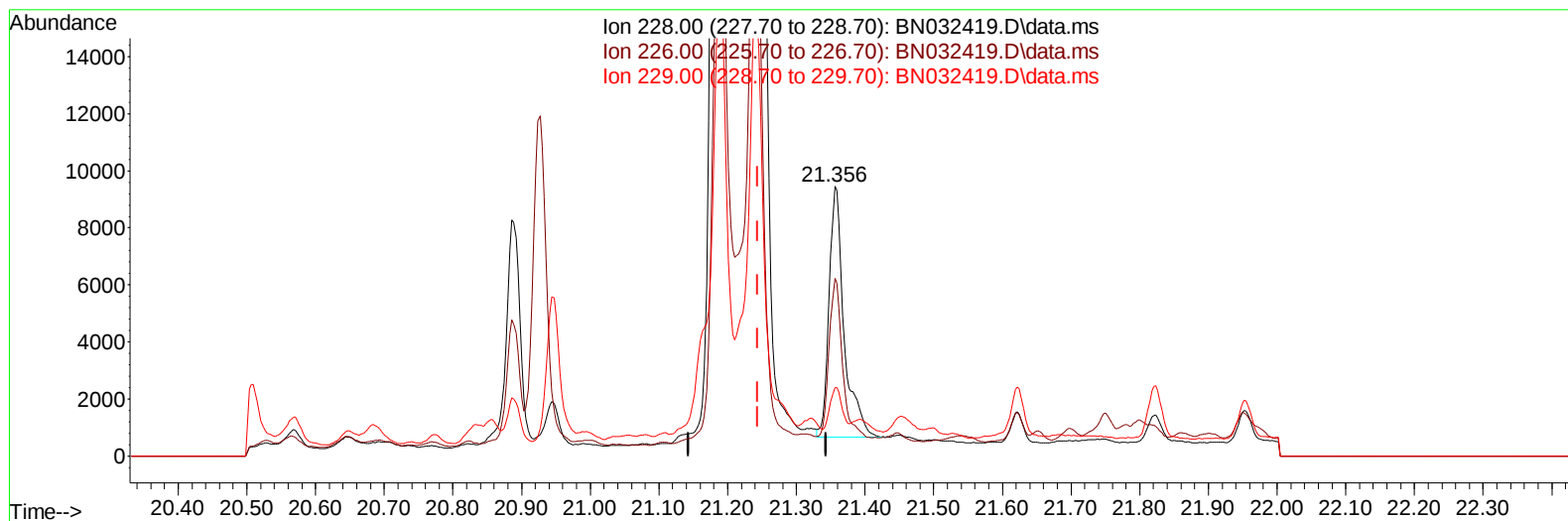
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032419.D
 Acq On : 03 Jul 2024 02:47
 Operator : MA/JU
 Sample : P2963-21
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(22) Chrysene

21.356min (+ 0.113) 0.17 ng/u1

response 13382

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.99#
229.00	19.60	25.35#
0.00	0.00	0.00

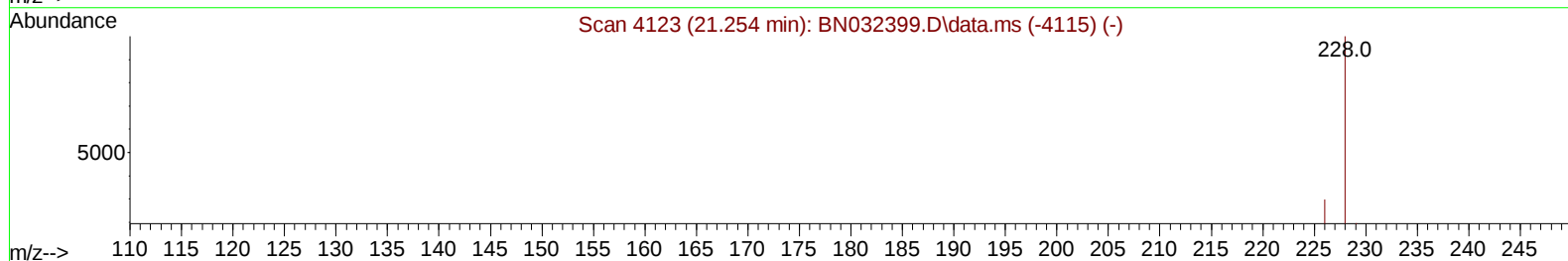
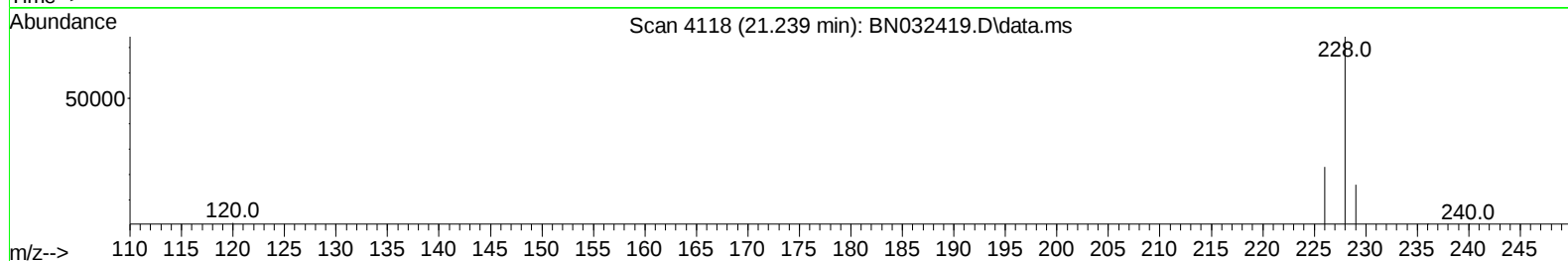
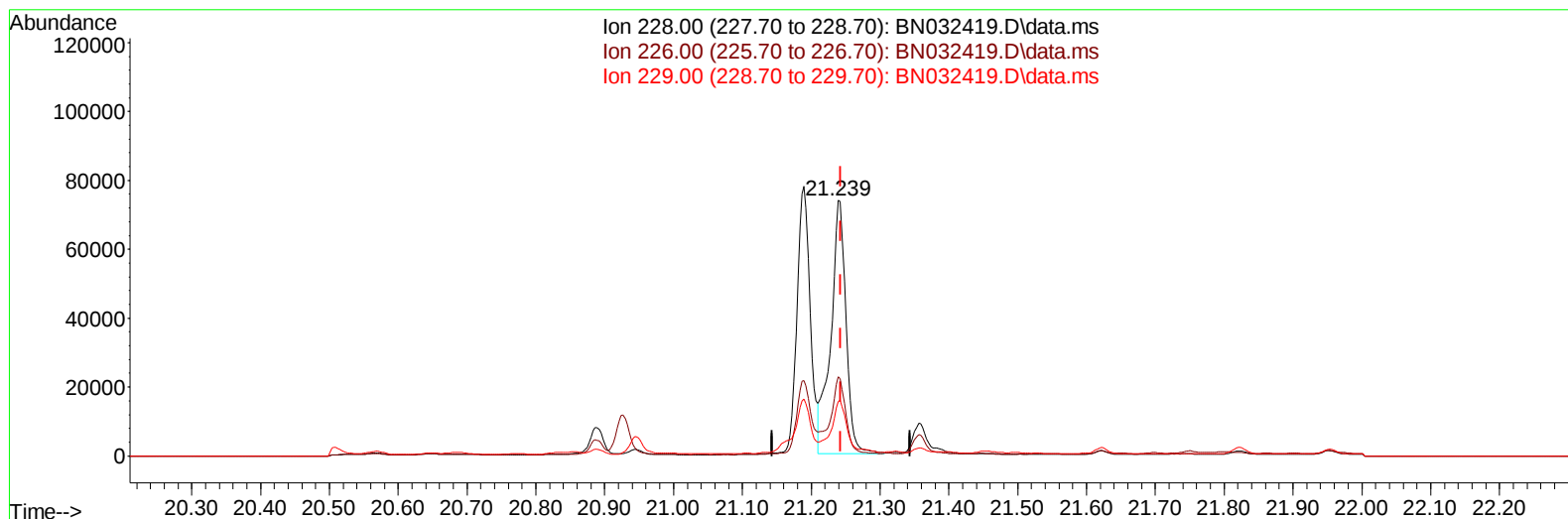
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(22) Chrysene

21.239min (-0.004) 1.48 ng/ul m

response 113885

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	31.02
229.00	19.60	21.38
0.00	0.00	0.00

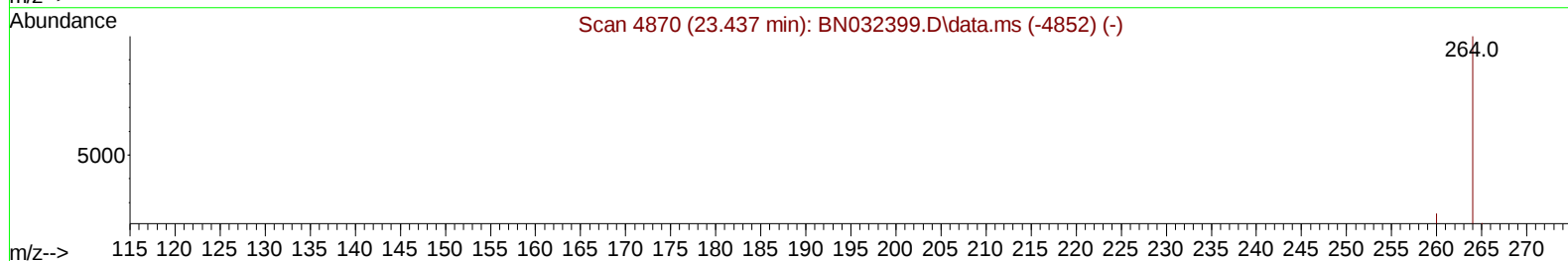
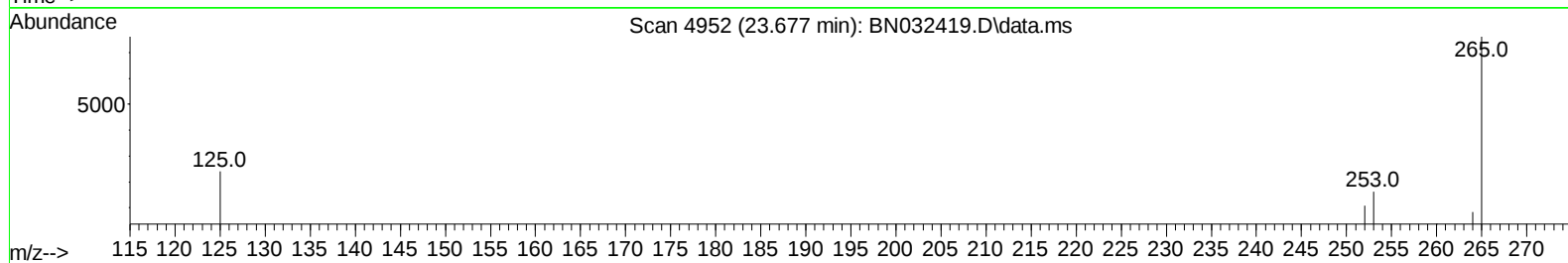
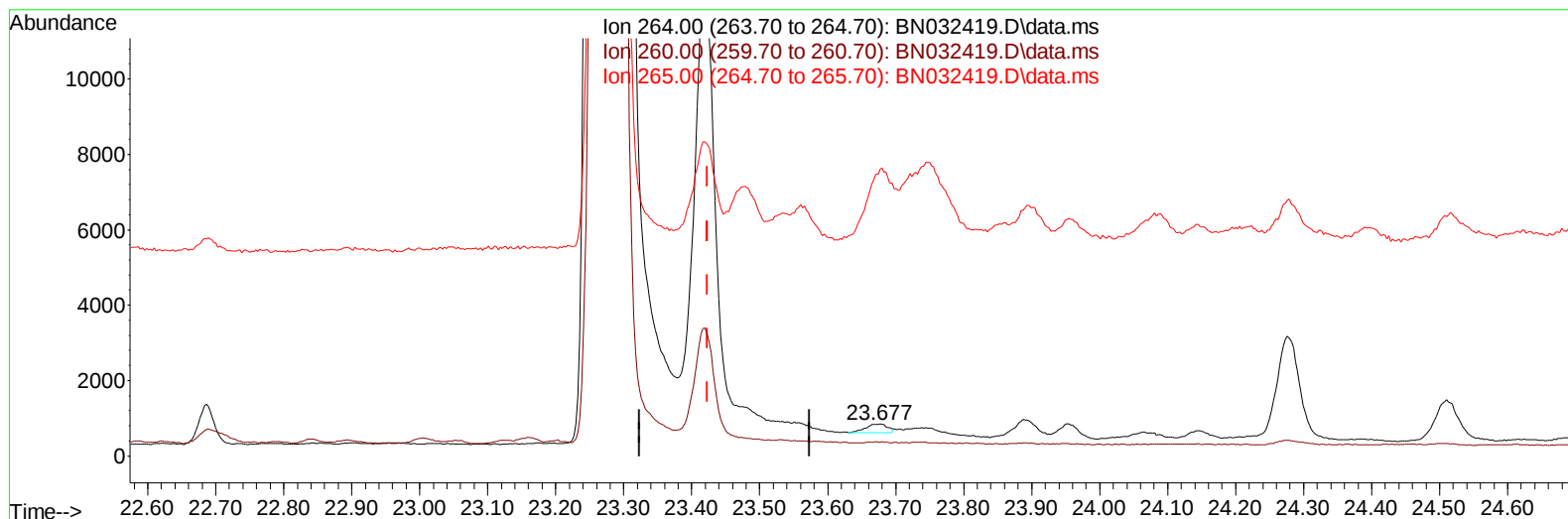
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(23) Perylene-d12 (I)

23.677min (+ 0.253) 0.40 ng/u1

response 528

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	43.57#
265.00	67.20	898.35#
0.00	0.00	0.00

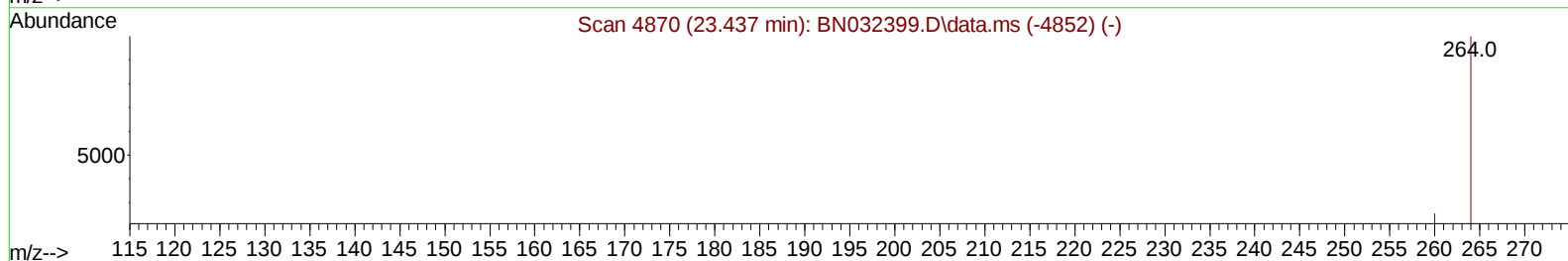
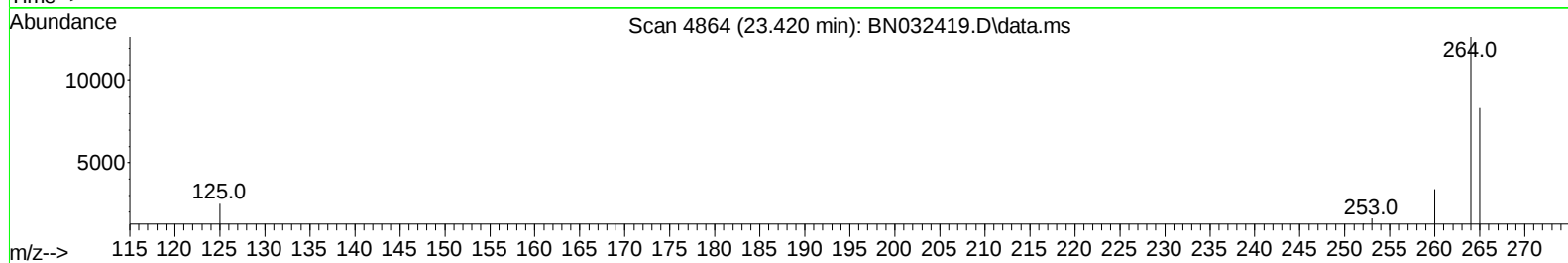
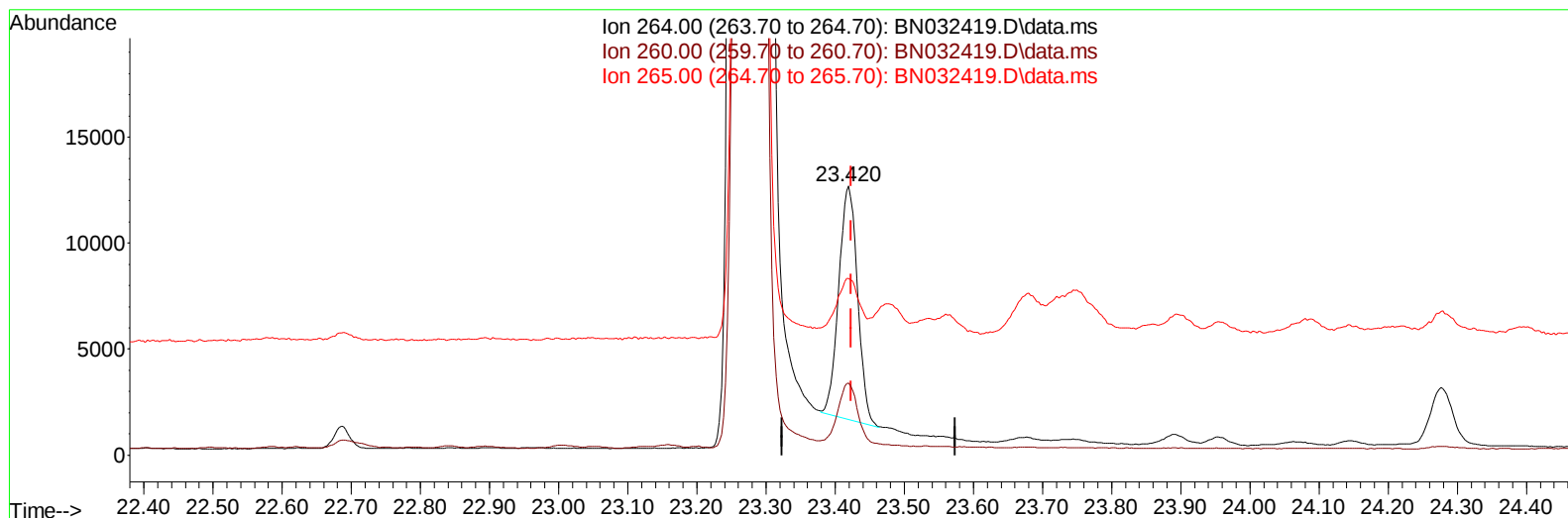
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(23) Perylene-d12 (I)

23.420min (-0.004) 0.40 ng/u1 m

response 20738

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	26.79
265.00	67.20	65.63
0.00	0.00	0.00

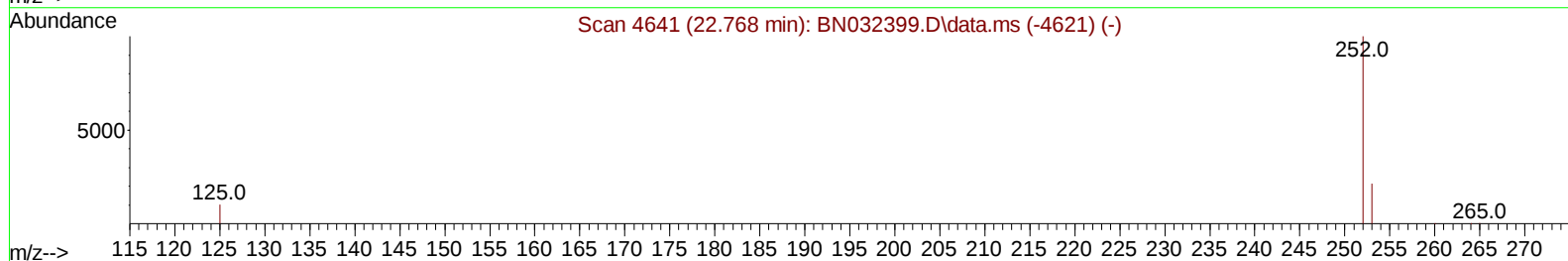
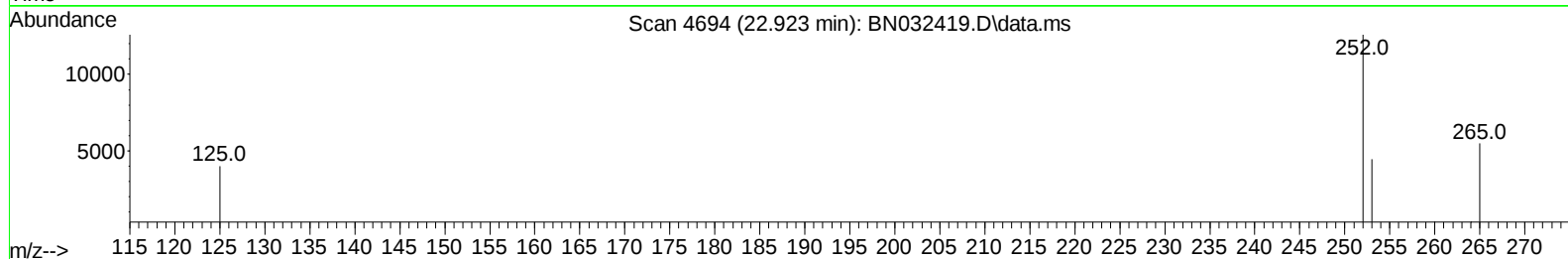
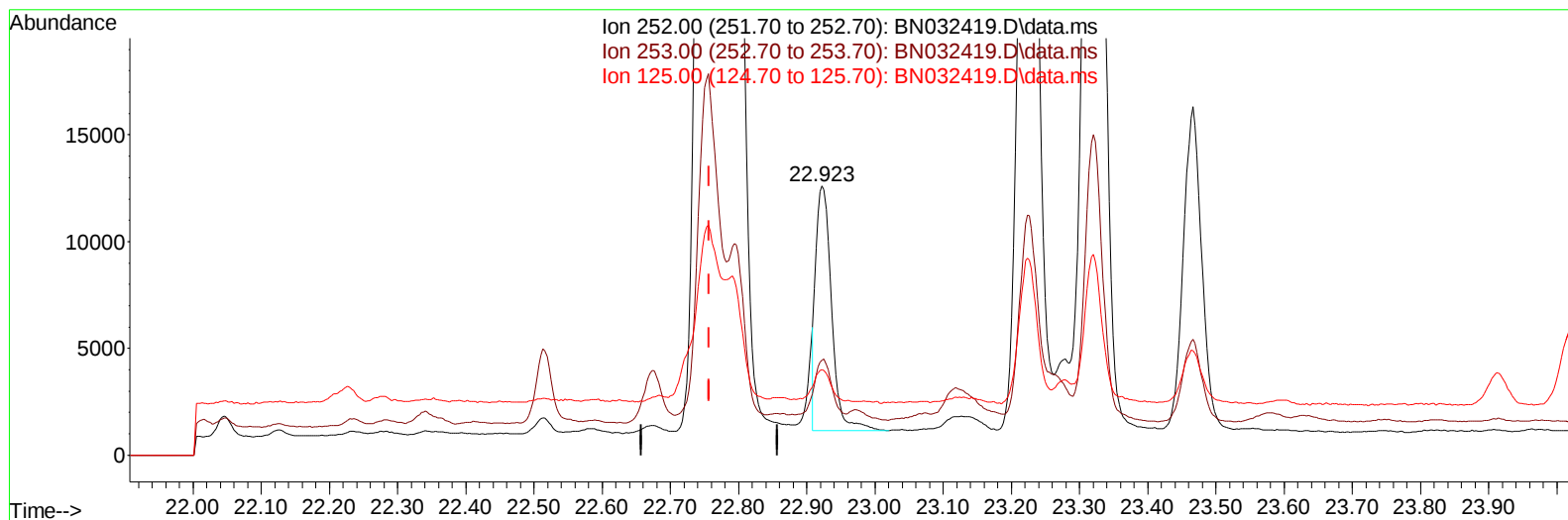
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(24) Benzo(b)fluoranthene

22.923min (+ 0.165) 0.21 ng/u1

response 18624

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	35.35
125.00	16.00	31.70
0.00	0.00	0.00

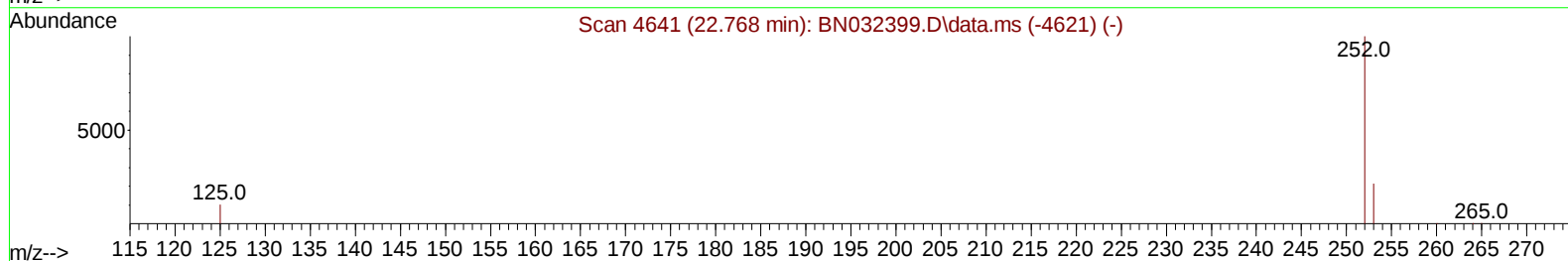
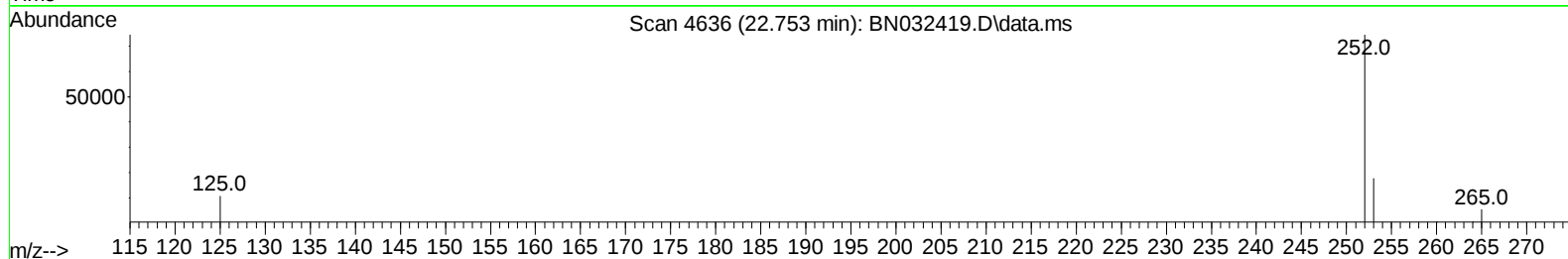
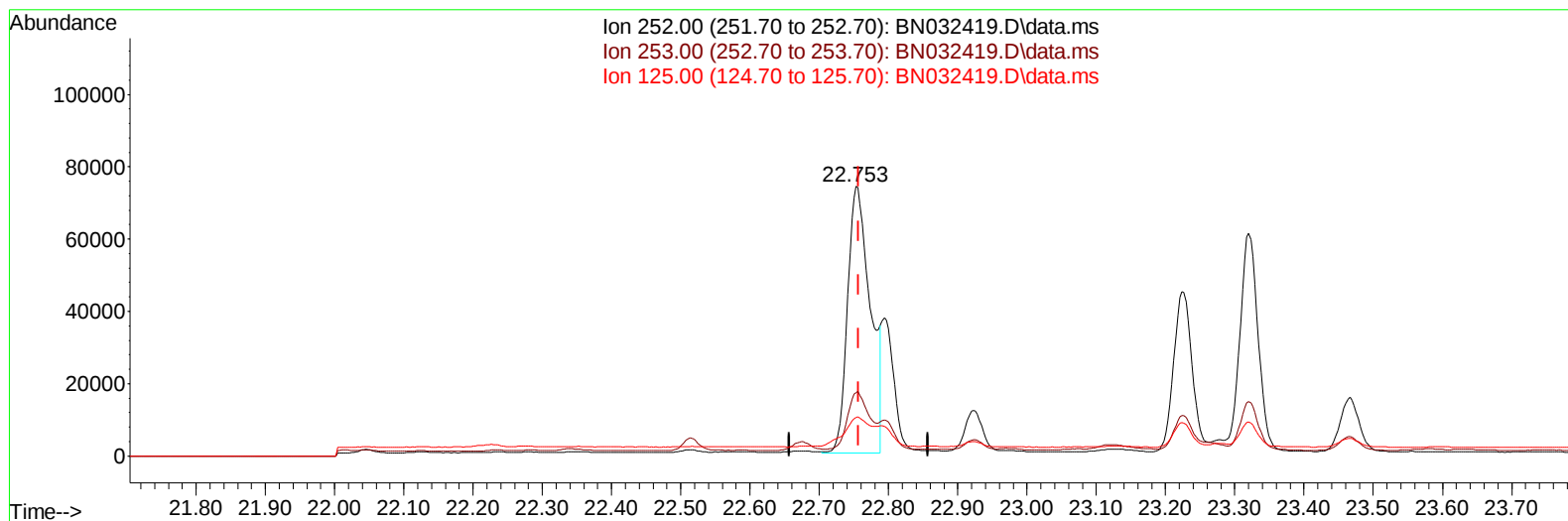
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(24) Benzo(b)fluoranthene

22.753min (-0.004) 1.89 ng/u1 m

response 169897

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.60
125.00	16.00	14.33
0.00	0.00	0.00

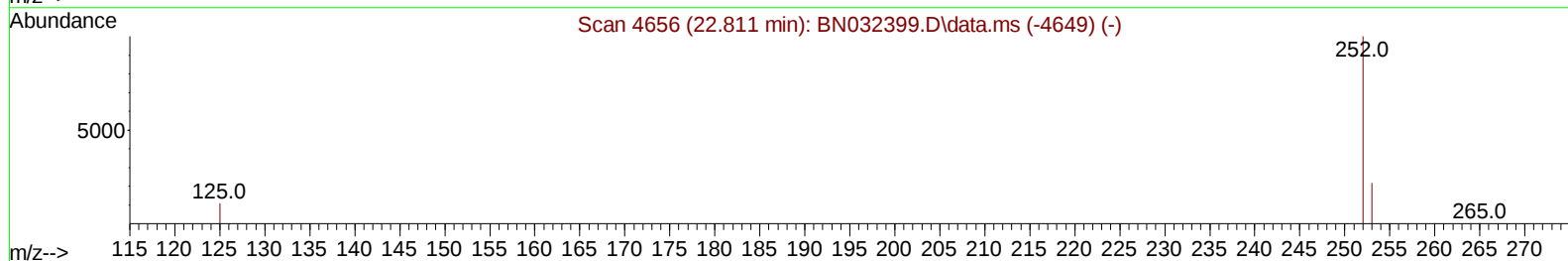
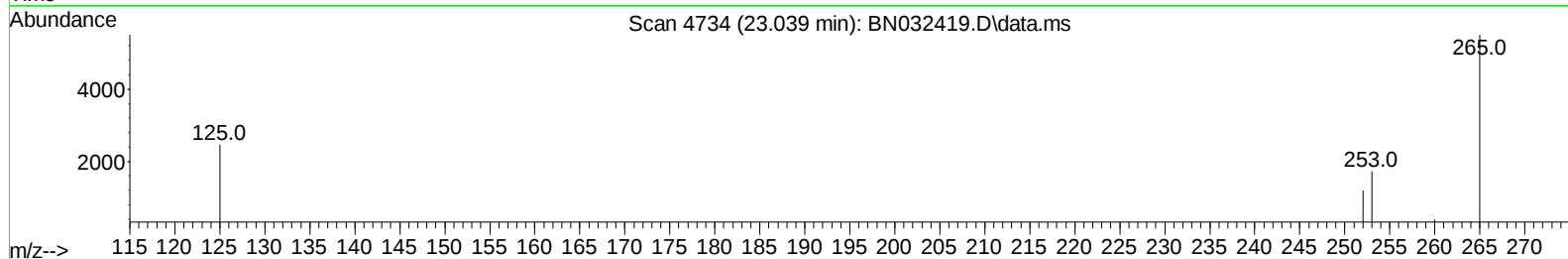
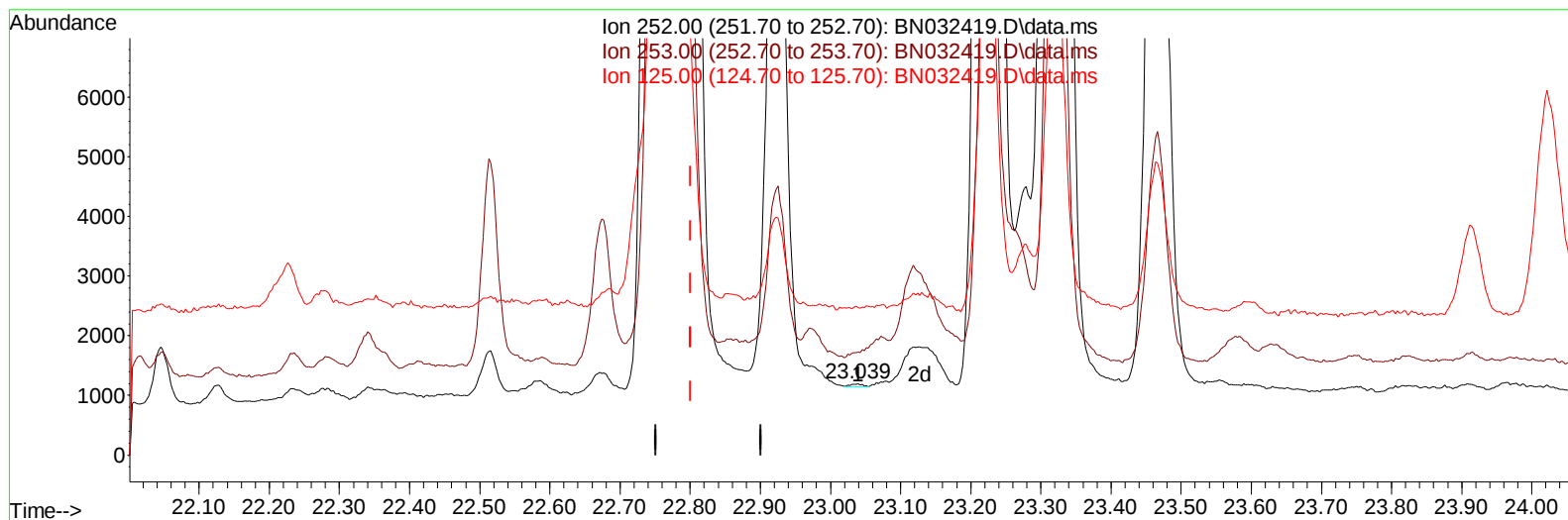
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(25) Benzo(k)fluoranthene

23.039min (+ 0.238) 0.00 ng/u1

response 55

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	144.28#
125.00	16.00	206.85#
0.00	0.00	0.00

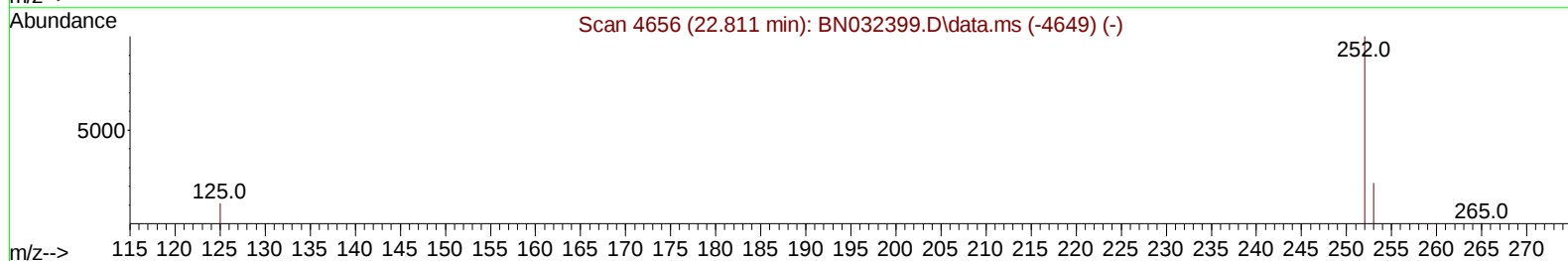
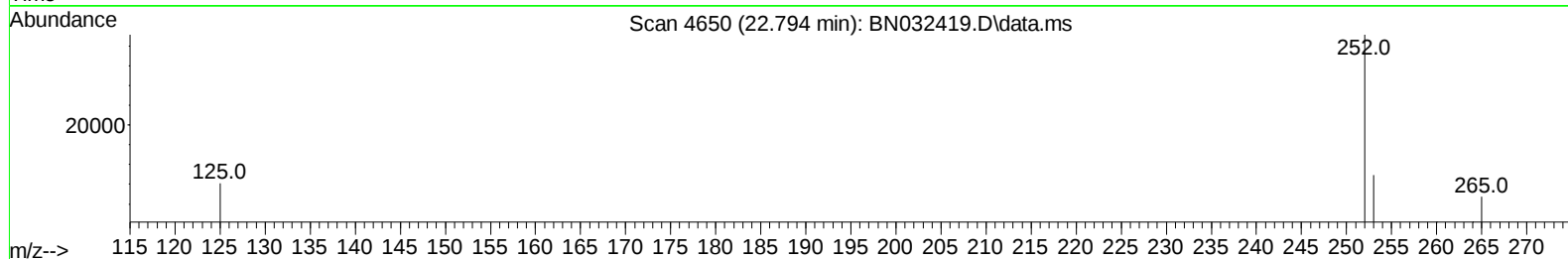
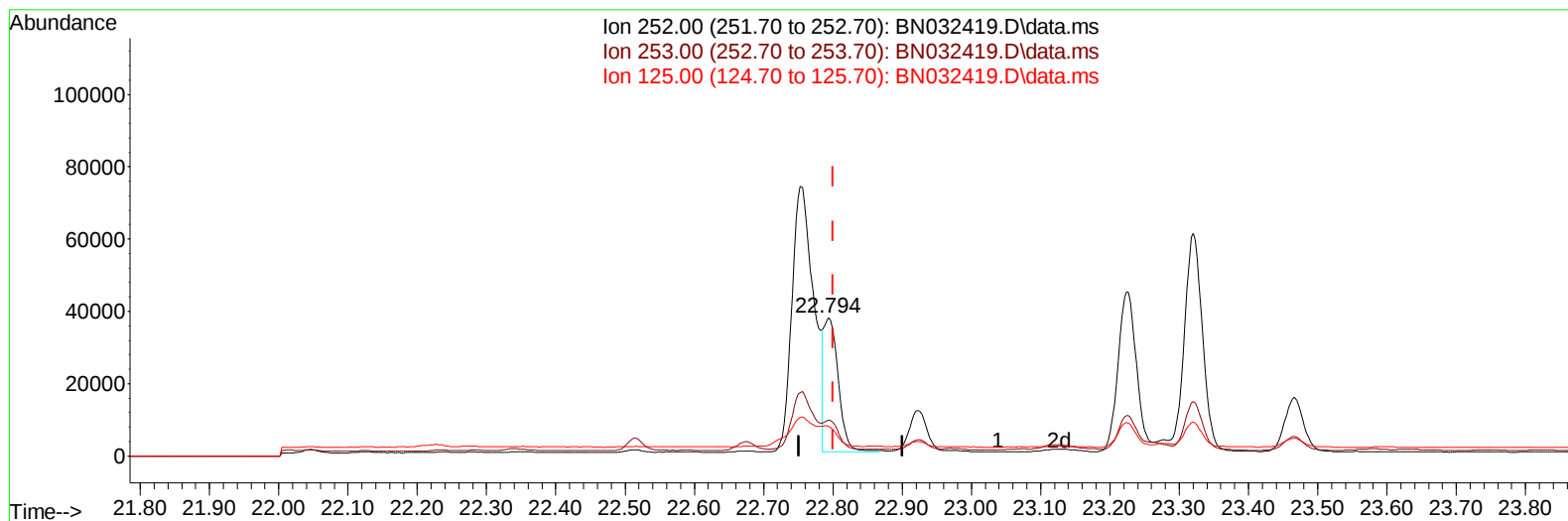
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(25) Benzo(k)fluoranthene

22.794min (-0.007) 0.59 ng/u1 m

response 51675

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	25.88
125.00	16.00	21.40#
0.00	0.00	0.00

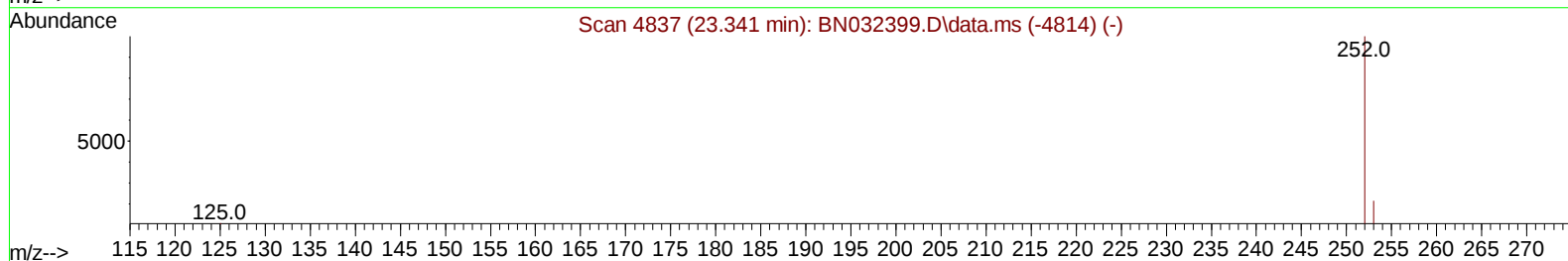
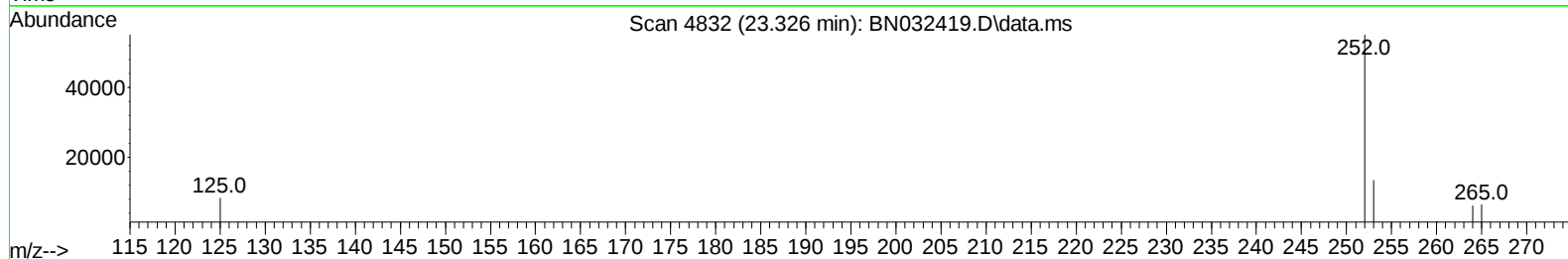
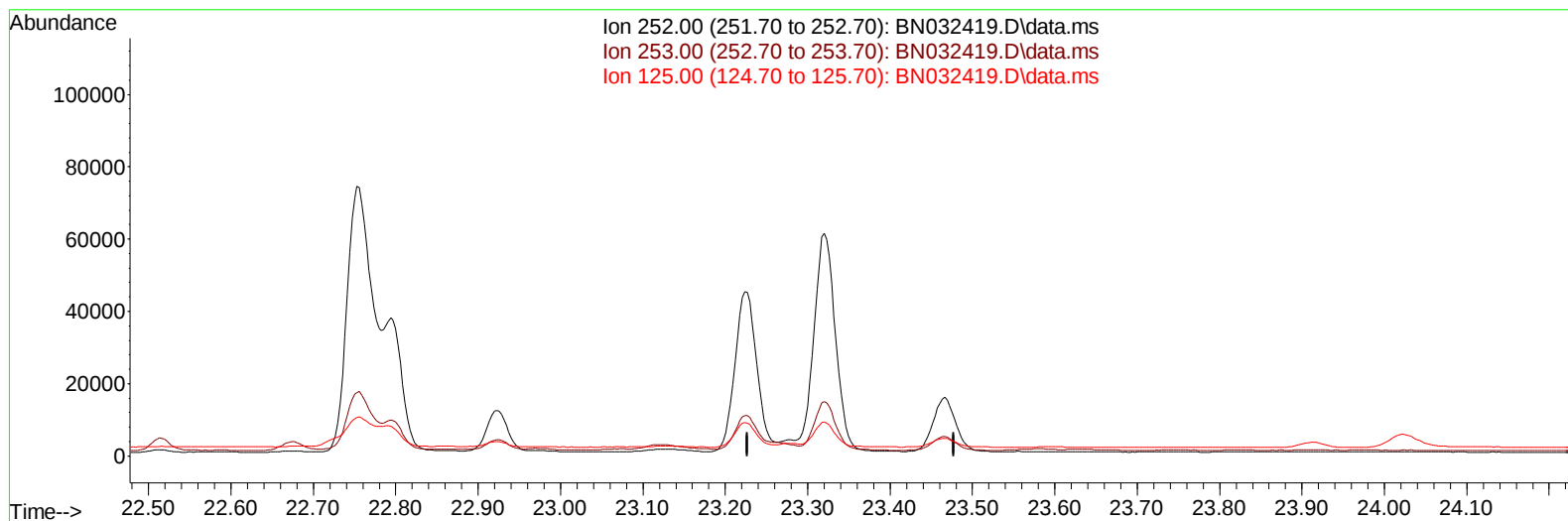
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(26) Benzo(a)pyrene (C)

23.327min (-23.327) 0.00 ng/u1

response 0

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

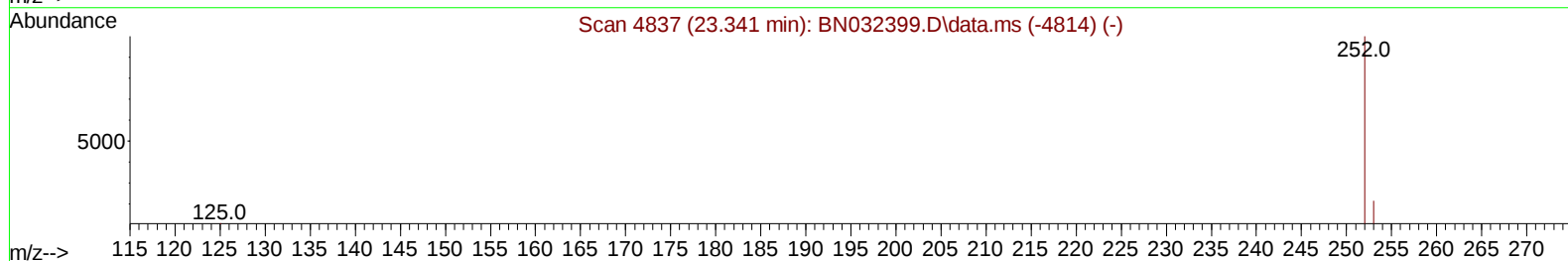
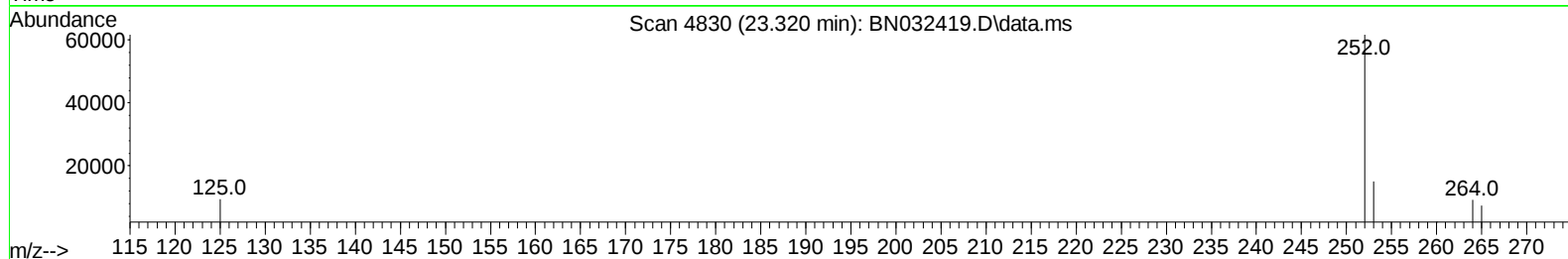
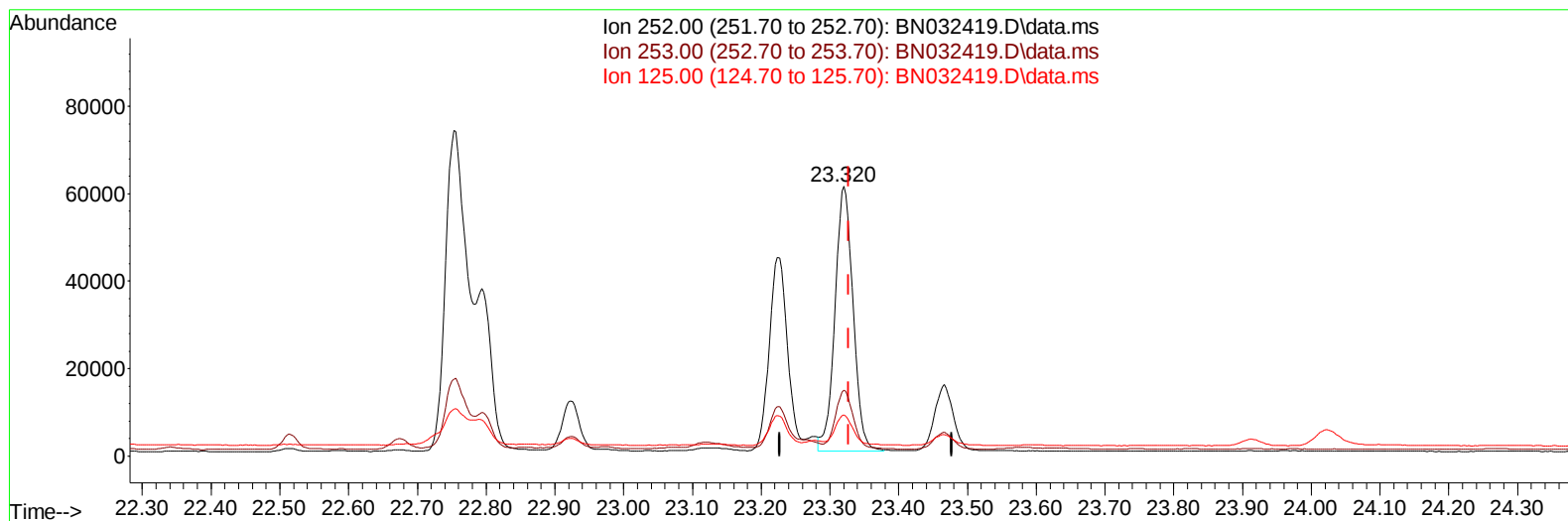
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(26) Benzo(a)pyrene (C)

23.320min (-0.007) 1.78 ng/u1 m

response 111285

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	24.33
125.00	20.50	15.27#
0.00	0.00	0.00

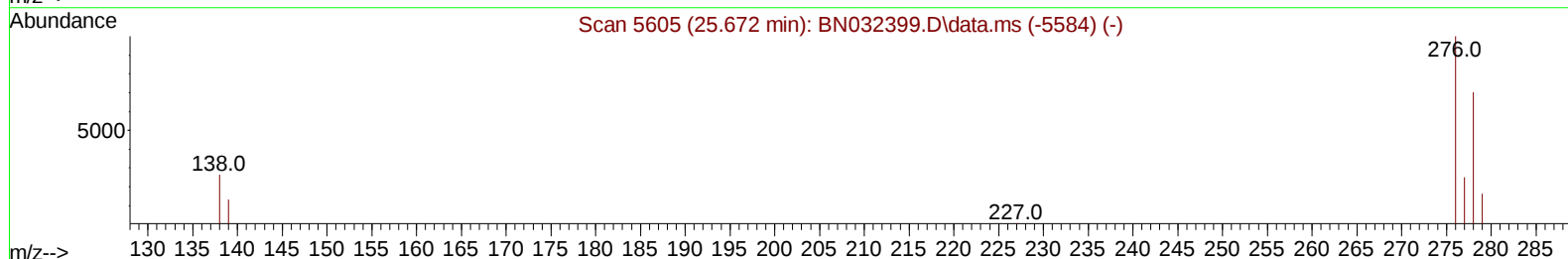
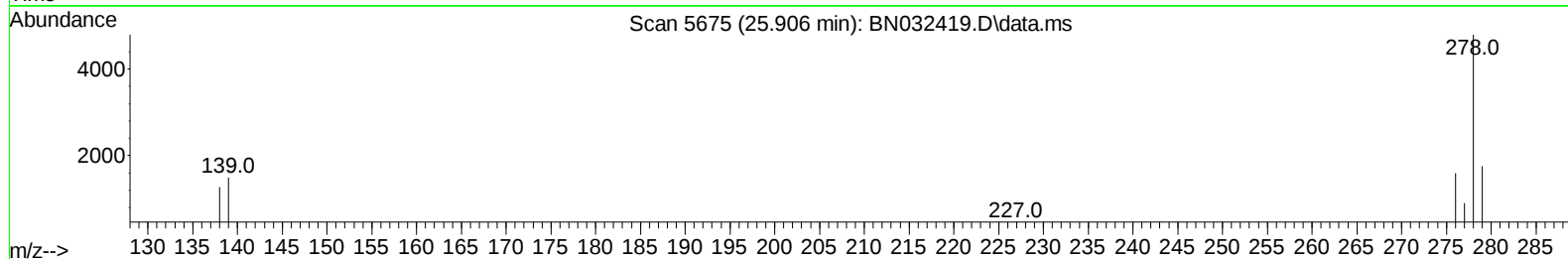
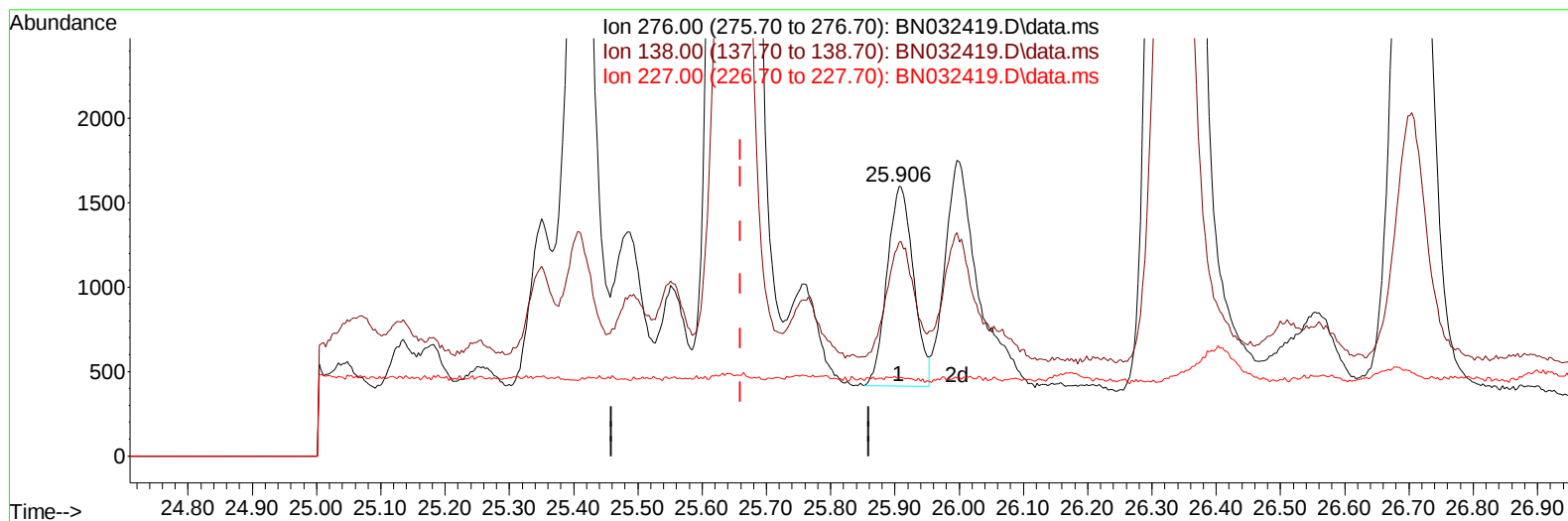
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

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

25.906min (+ 0.247) 0.03 ng/u1

response 3388

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	61.78#
227.00	0.10	1.71#
0.00	0.00	0.00

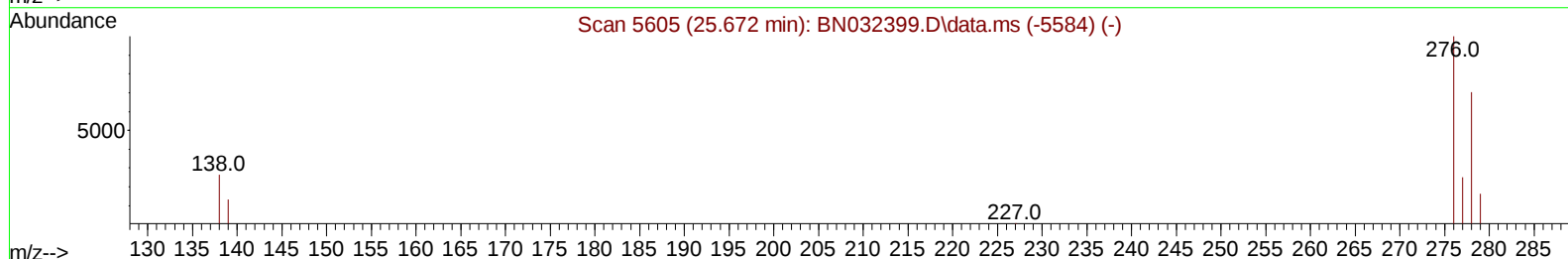
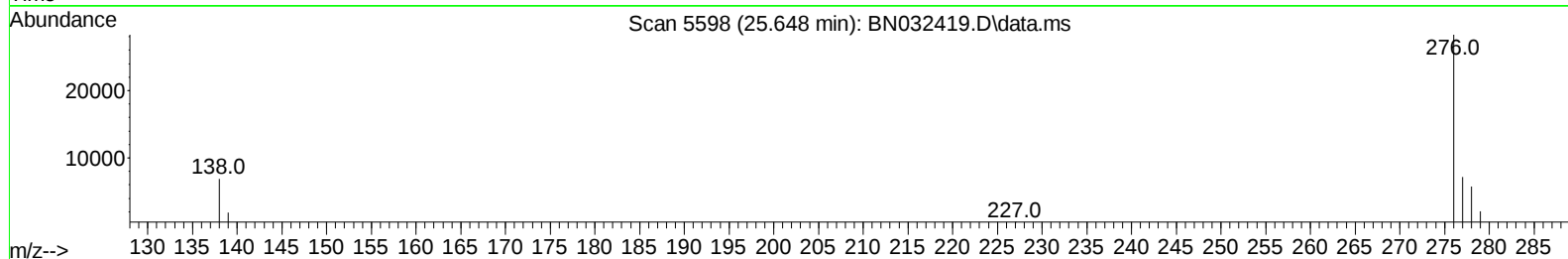
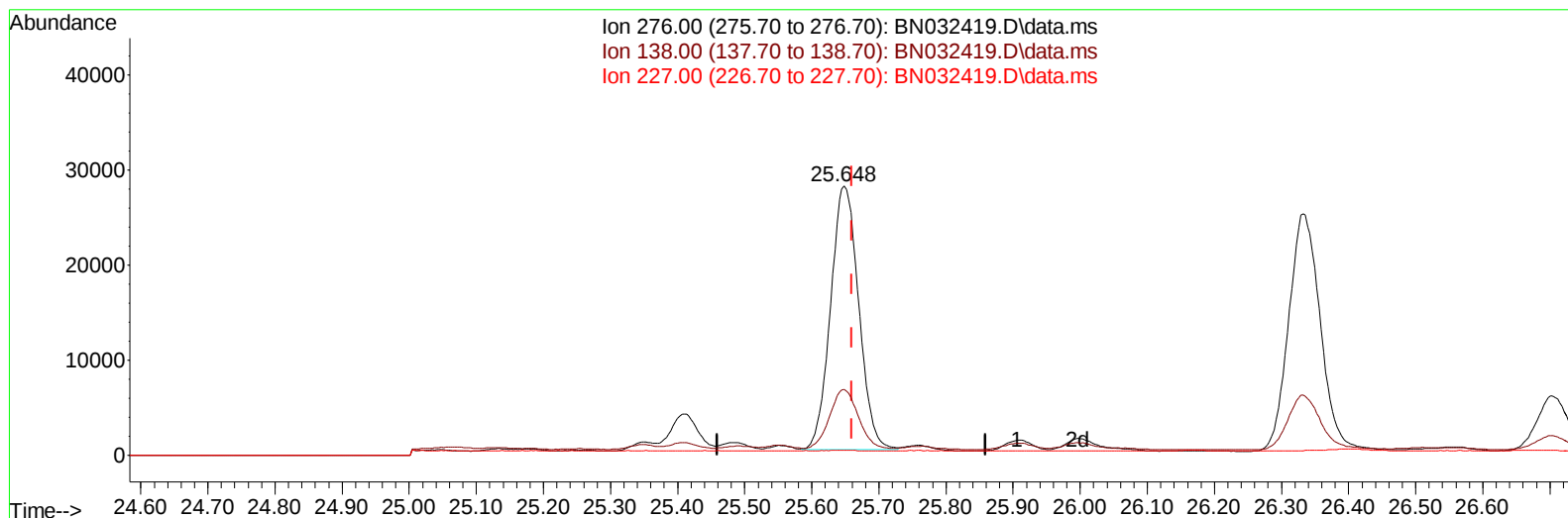
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

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

25.648min (-0.011) 0.82 ng/u1 m

response 80674

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.59#
227.00	0.10	0.07#
0.00	0.00	0.00

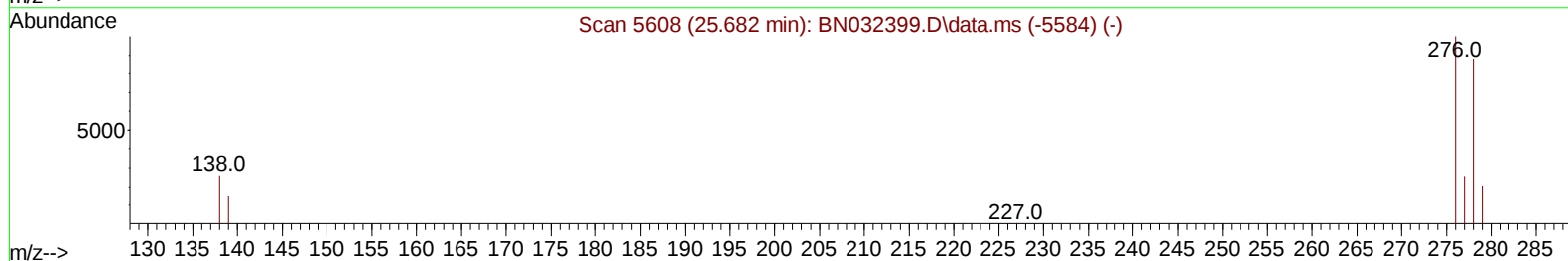
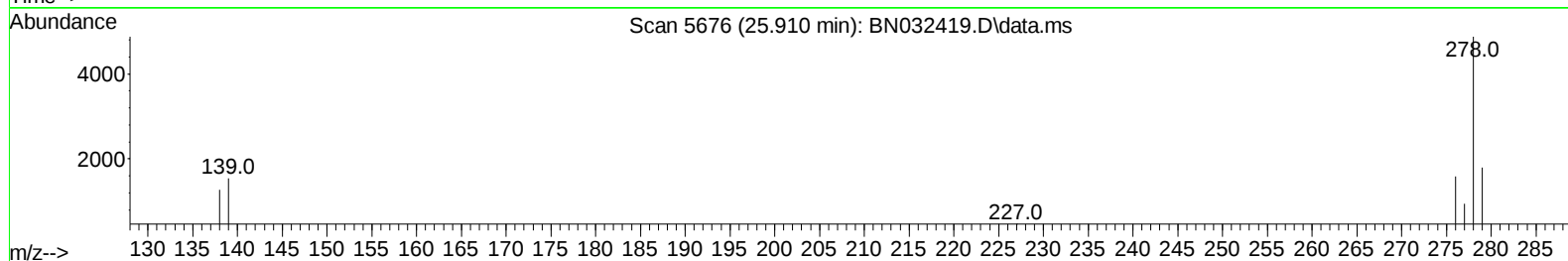
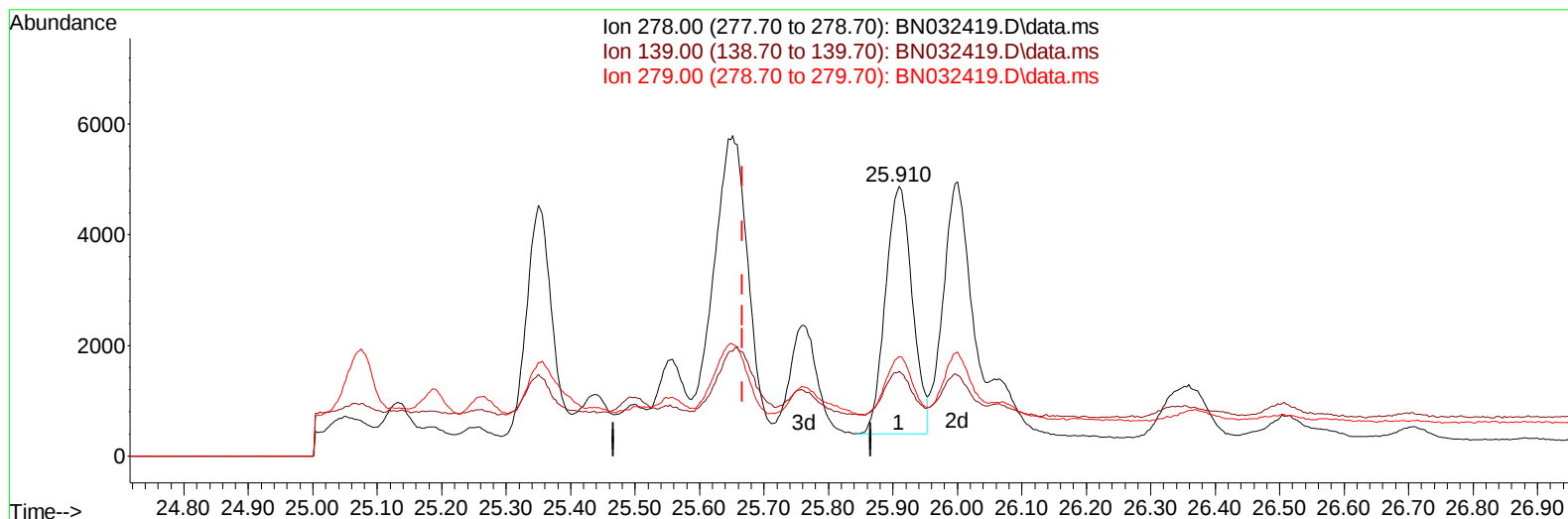
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(28) Dibenzo(a,h)anthracene

25.910min (+ 0.243) 0.18 ng/u1

response 13010

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	31.51#
279.00	26.40	36.99#
0.00	0.00	0.00

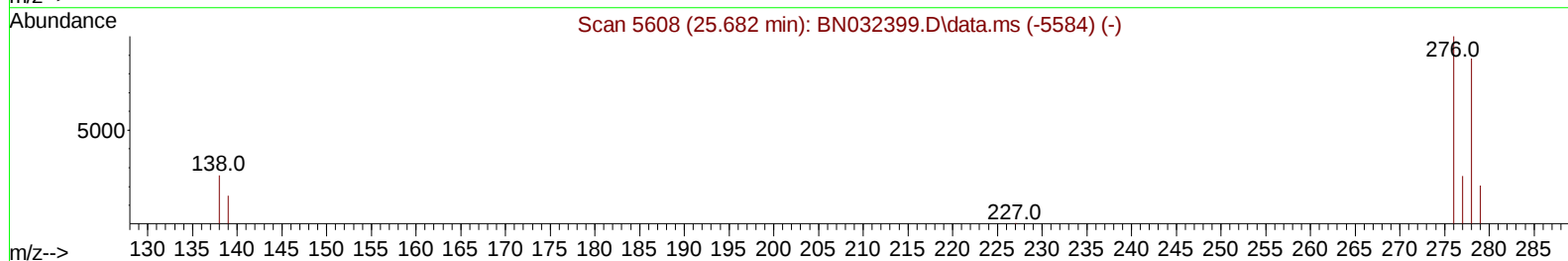
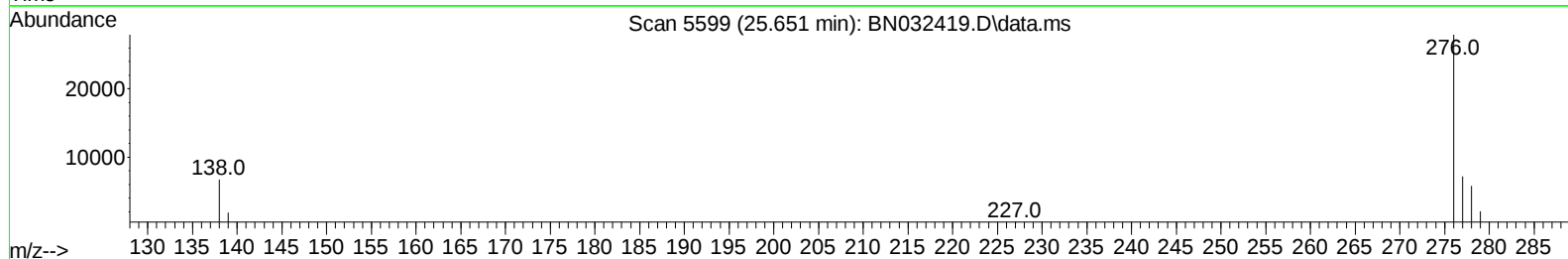
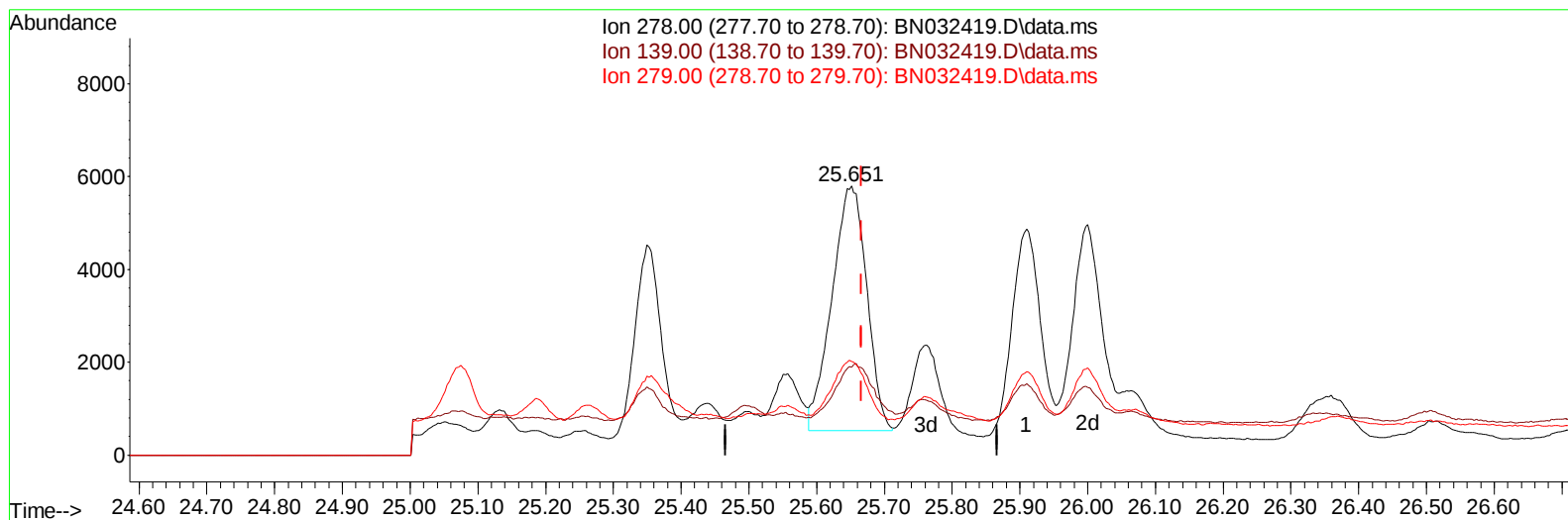
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032419.D
 Acq On : 03 Jul 2024 02:47
 Operator : MA/JU
 Sample : P2963-21
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

(28) Dibenzo(a,h)anthracene

25.651min (-0.015) 0.26 ng/ul m

response 18798

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	32.65#
279.00	26.40	34.81#
0.00	0.00	0.00

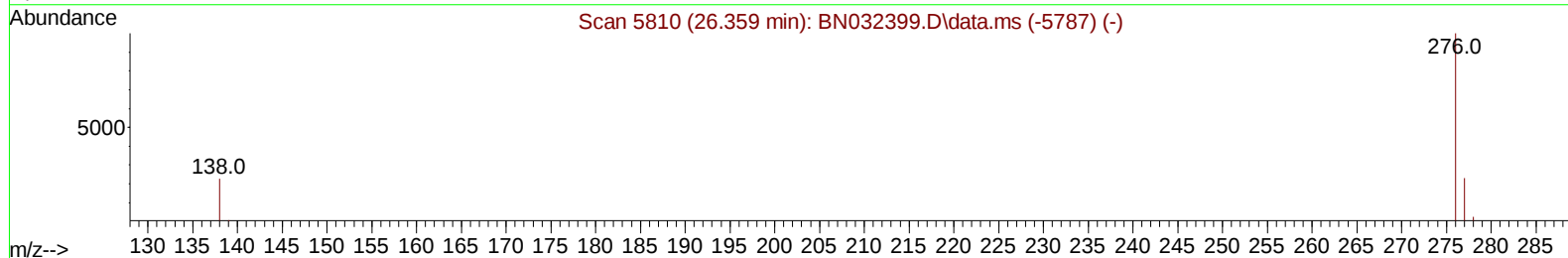
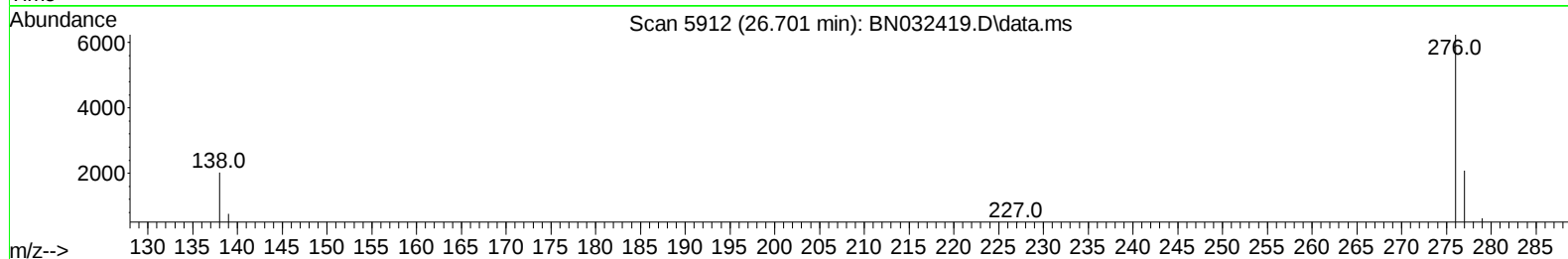
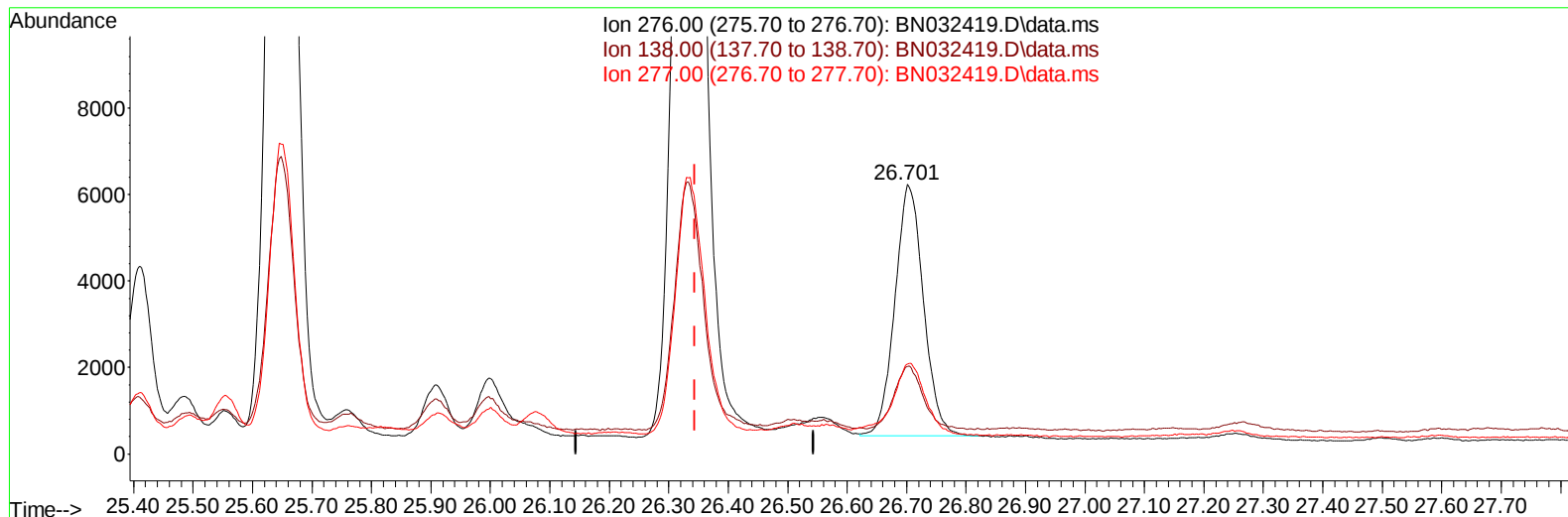
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 2024
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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: BN032419.D\data.ms

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

26.701min (+ 0.357) 0.25 ng/u1

response 19523

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	32.33#
277.00	24.70	33.49#
0.00	0.00	0.00

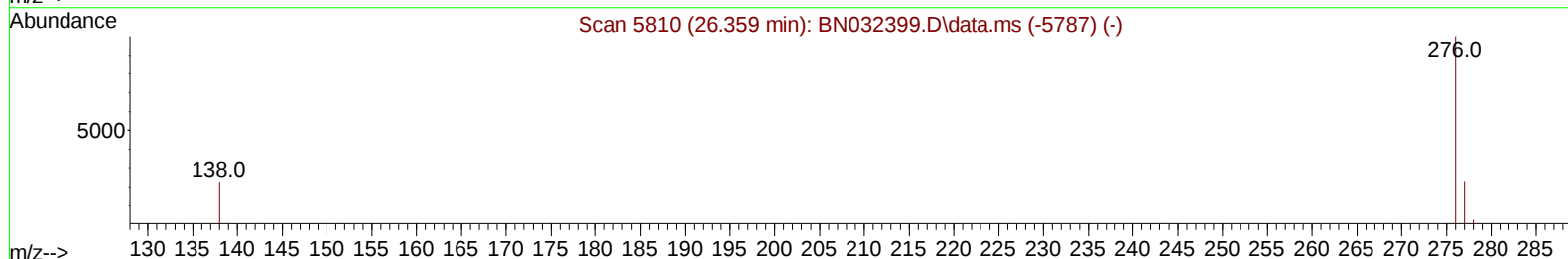
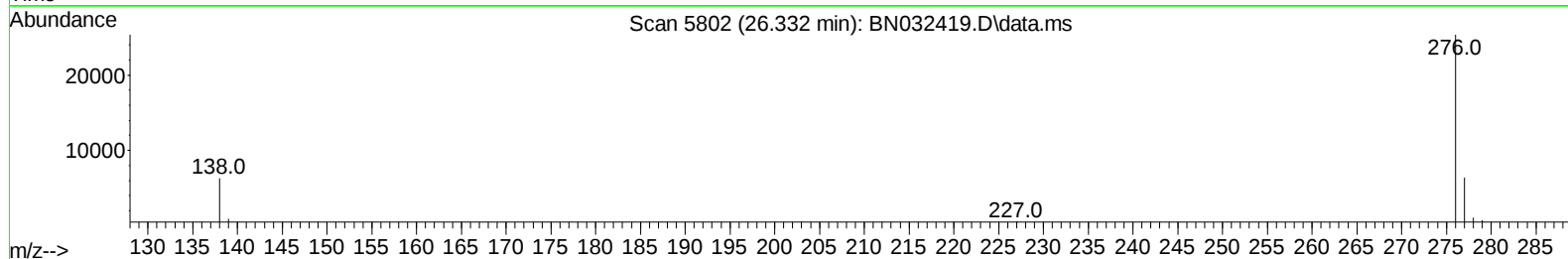
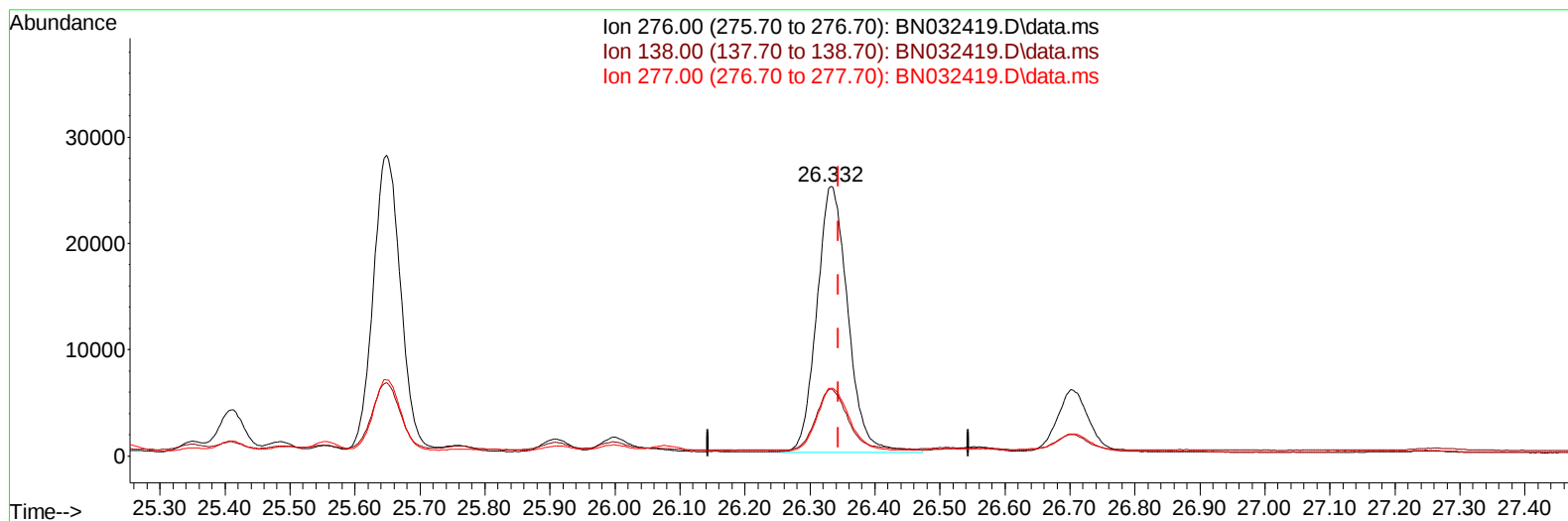
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 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: BN032419.D\data.ms

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

26.332min (-0.011) 1.07 ng/ul m

response 83506

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	24.82
277.00	24.70	25.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032419.D
 Acq On : 03 Jul 2024 02:47
 Operator : MA/JU
 Sample : P2963-21
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B44

Manual IntegrationsAPPROVED

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

Quant Time: Jul 03 03:33:45 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7602	0.400	ng/ul	0.00
4) Naphthalene-d8	10.375	136	22394	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.247	164	11951	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.002	188	22447m	0.400	ng/ul	0.00
17) Chrysene-d12	21.204	240	19439m	0.400	ng/ul	0.00
23) Perylene-d12	23.420	264	20738m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	34636	4.099	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	9352	0.278	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	17468m	0.299	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	3647	0.062	ng/ul#	91
7) 2-Methylnaphthalene	12.052	142	1229	0.031	ng/ul	99
8) 1-Methylnaphthalene	12.272	142	881	0.022	ng/ul	97
10) Acenaphthylene	13.969	152	7882	0.159	ng/ul	95
11) Acenaphthene	14.312	153	3513	0.091	ng/ul	98
12) Fluorene	15.306	166	5561	0.121	ng/ul#	98
15) Phenanthrene	17.044	178	102033m	1.658	ng/ul	
16) Anthracene	17.137	178	24124m	0.439	ng/ul	
19) Fluoranthene	19.067	202	223706m	3.022	ng/ul	
20) Pyrene	19.434	202	198126m	2.561	ng/ul	
21) Benzo(a)anthracene	21.190	228	104165m	1.485	ng/ul	
22) Chrysene	21.239	228	113885m	1.479	ng/ul	
24) Benzo(b)fluoranthene	22.753	252	169897m	1.886	ng/ul	
25) Benzo(k)fluoranthene	22.794	252	51675m	0.590	ng/ul	
26) Benzo(a)pyrene	23.320	252	111285m	1.775	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.648	276	80674m	0.822	ng/ul	
28) Dibenzo(a,h)anthracene	25.651	278	18798m	0.258	ng/ul	
29) Benzo(g,h,i)perylene	26.332	276	83506m	1.068	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032419.D
Acq On : 03 Jul 2024 02:47
Operator : MA/JU
Sample : P2963-21
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B44

Manual IntegrationsAPPROVED

Quant Time: Jul 03 03:33:45 2024
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