

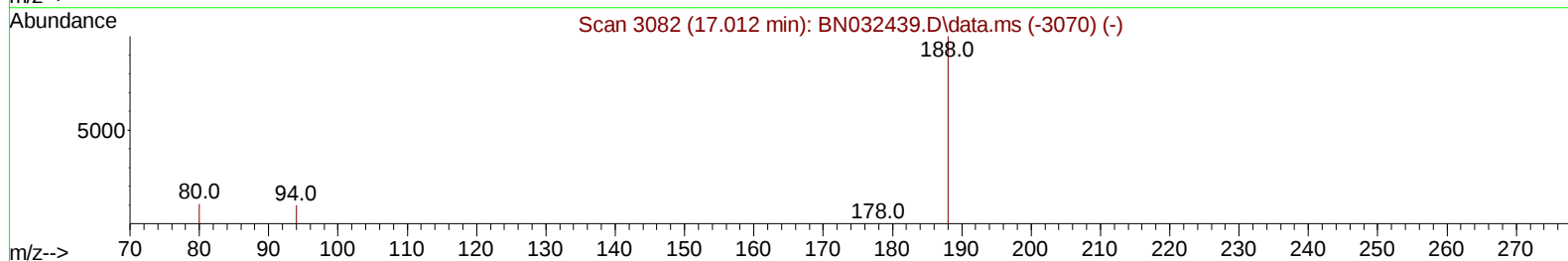
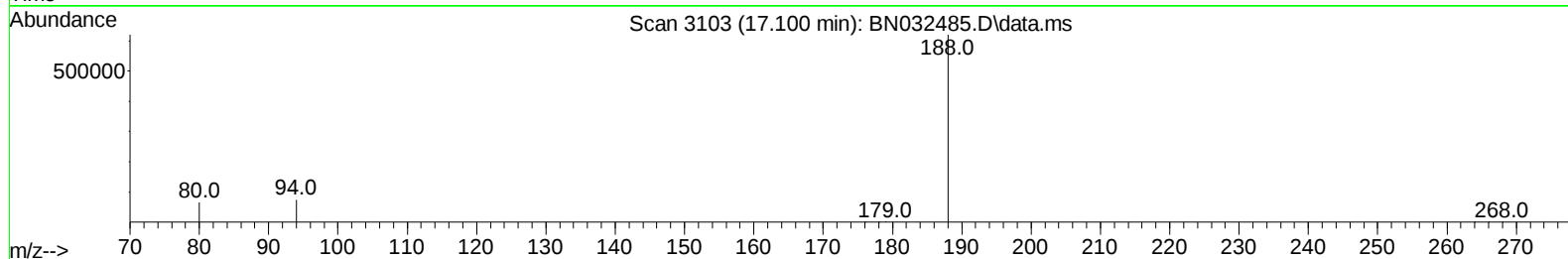
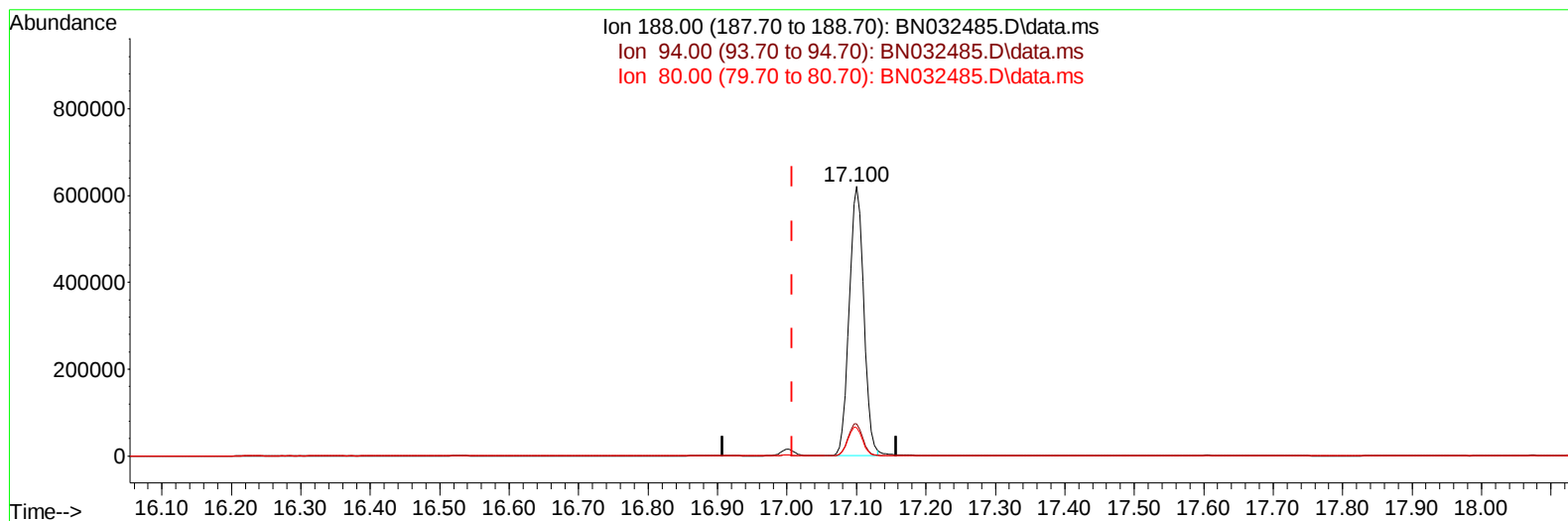
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(13) Phenanthrene-d10 (I)

17.100min (+ 0.093) 0.40 ng/u1

response 897399

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.94
80.00	10.50	10.57
0.00	0.00	0.00

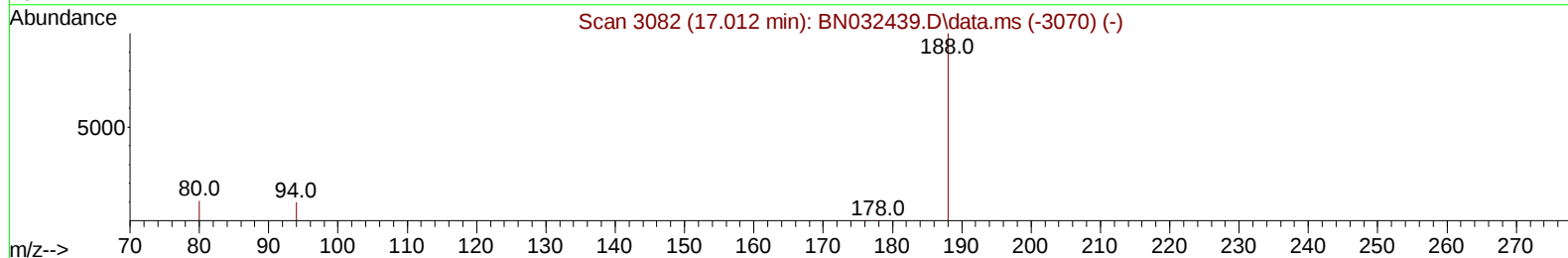
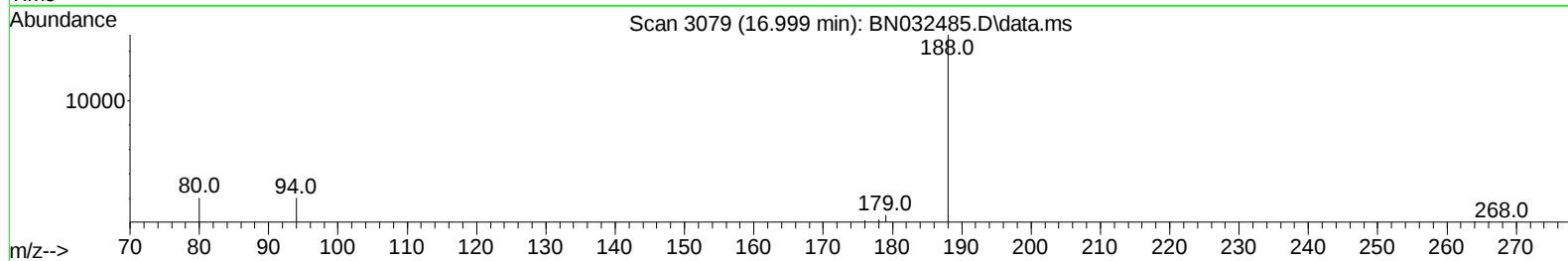
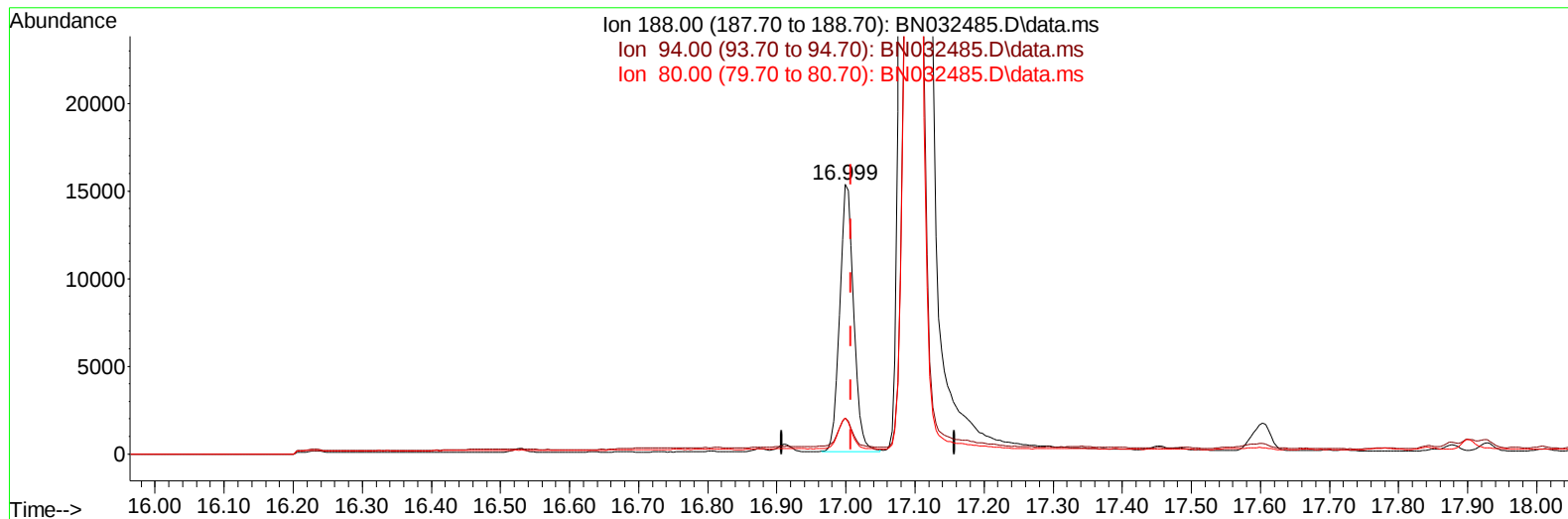
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(13) Phenanthrene-d10 (I)

16.999min (-0.008) 0.40 ng/ul m

response 21501

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	13.24#
80.00	10.50	13.35#
0.00	0.00	0.00

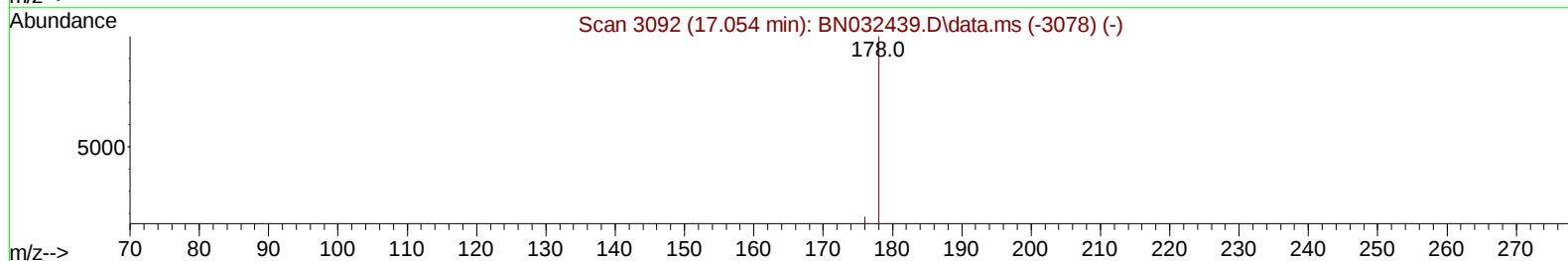
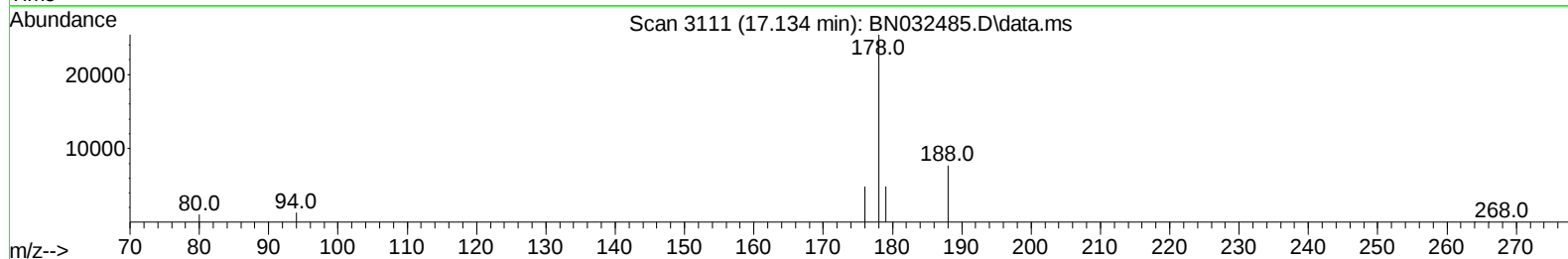
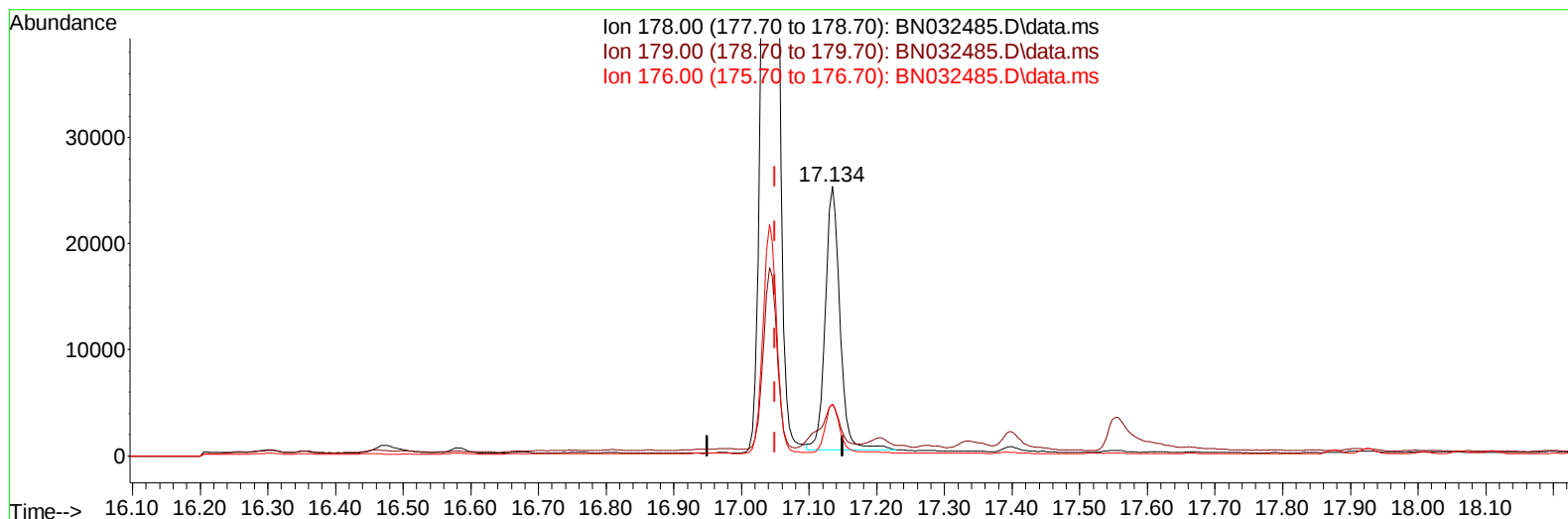
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(15) Phenanthrene

17.134min (+ 0.084) 0.63 ng/u1

response 37201

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	19.21#
176.00	19.50	19.34
0.00	0.00	0.00

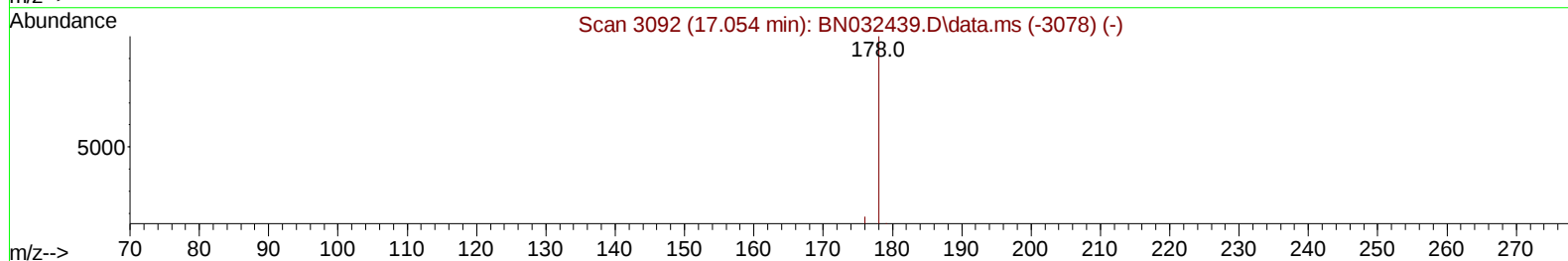
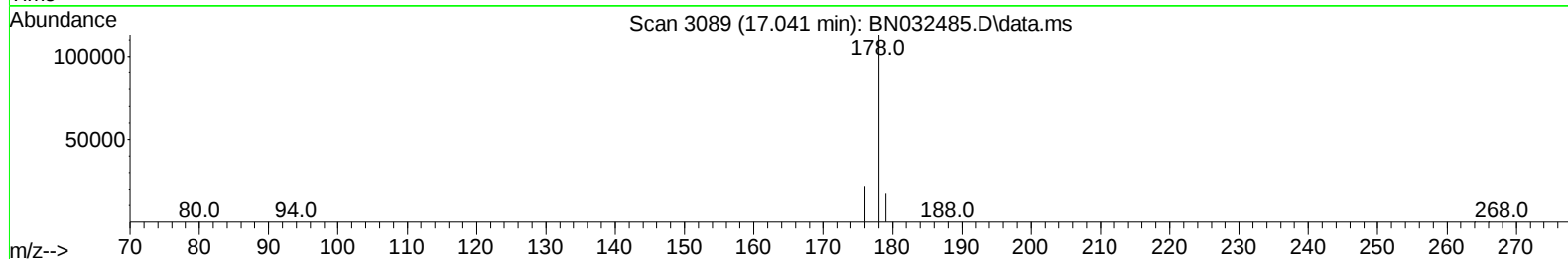
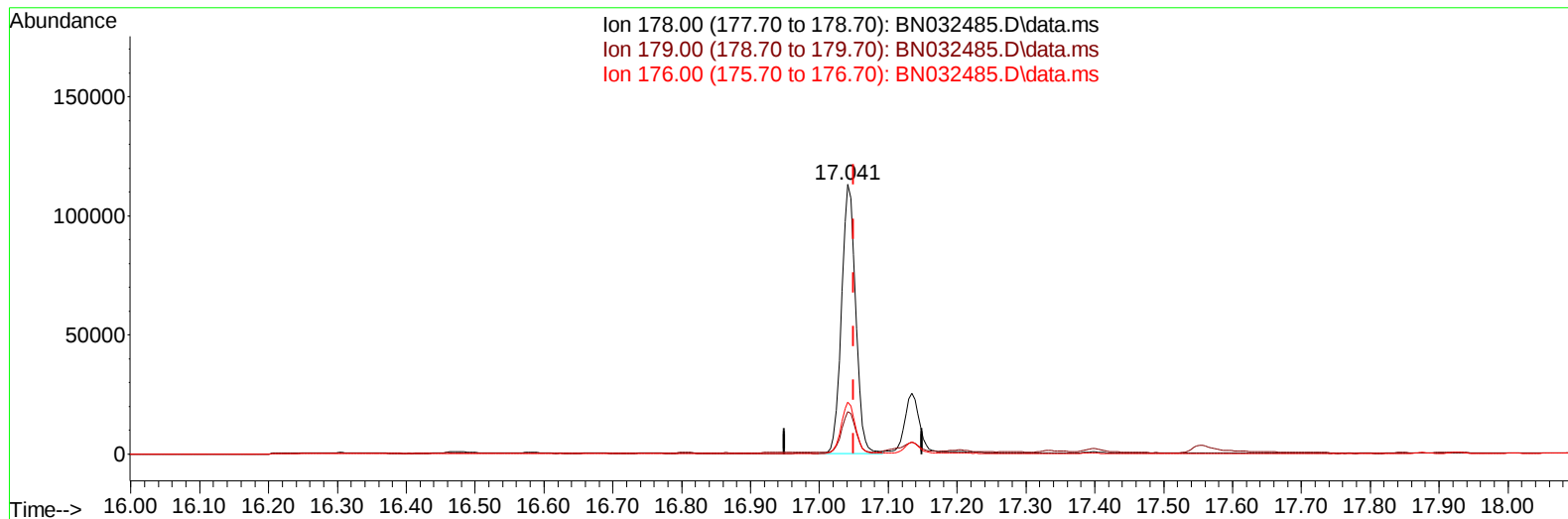
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(15) Phenanthrene

17.041min (-0.008) 2.75 ng/ul m

response 162304

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.68
176.00	19.50	19.27
0.00	0.00	0.00

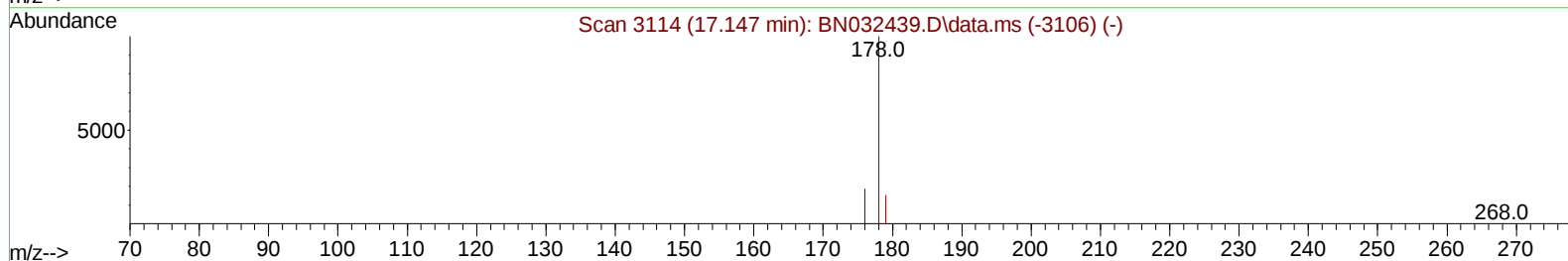
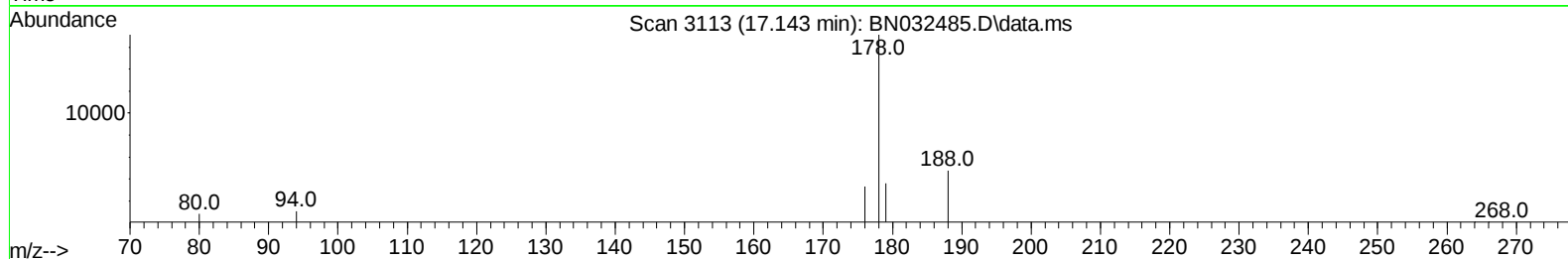
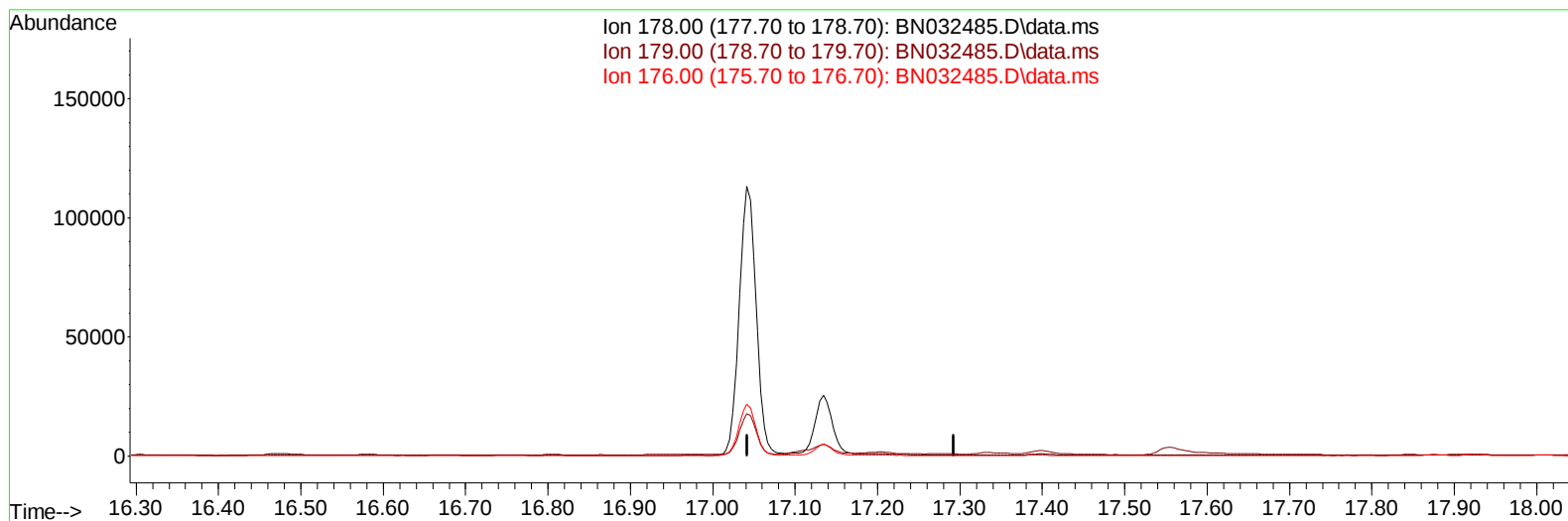
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.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

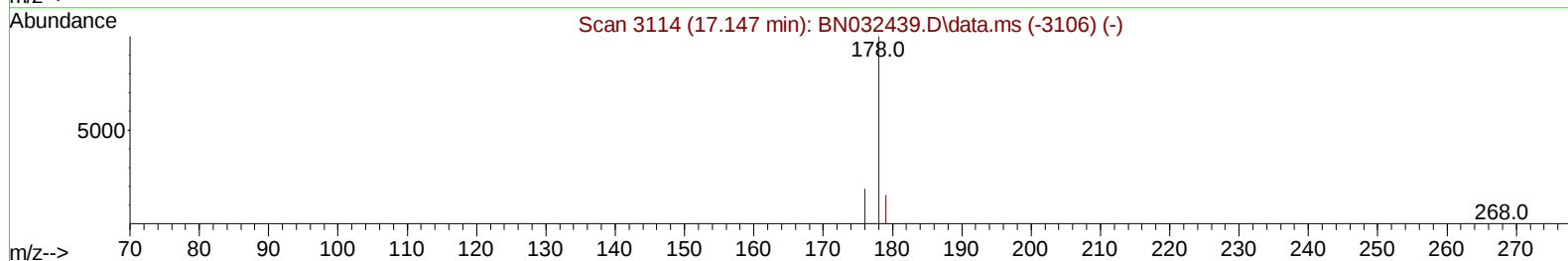
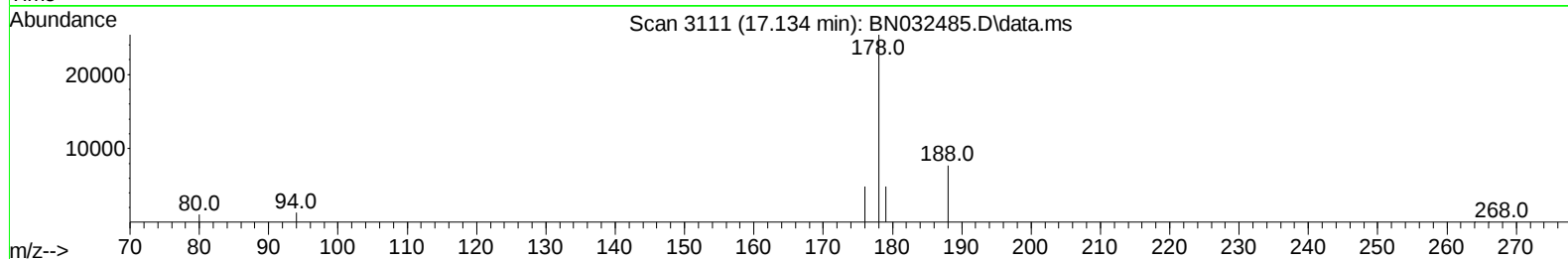
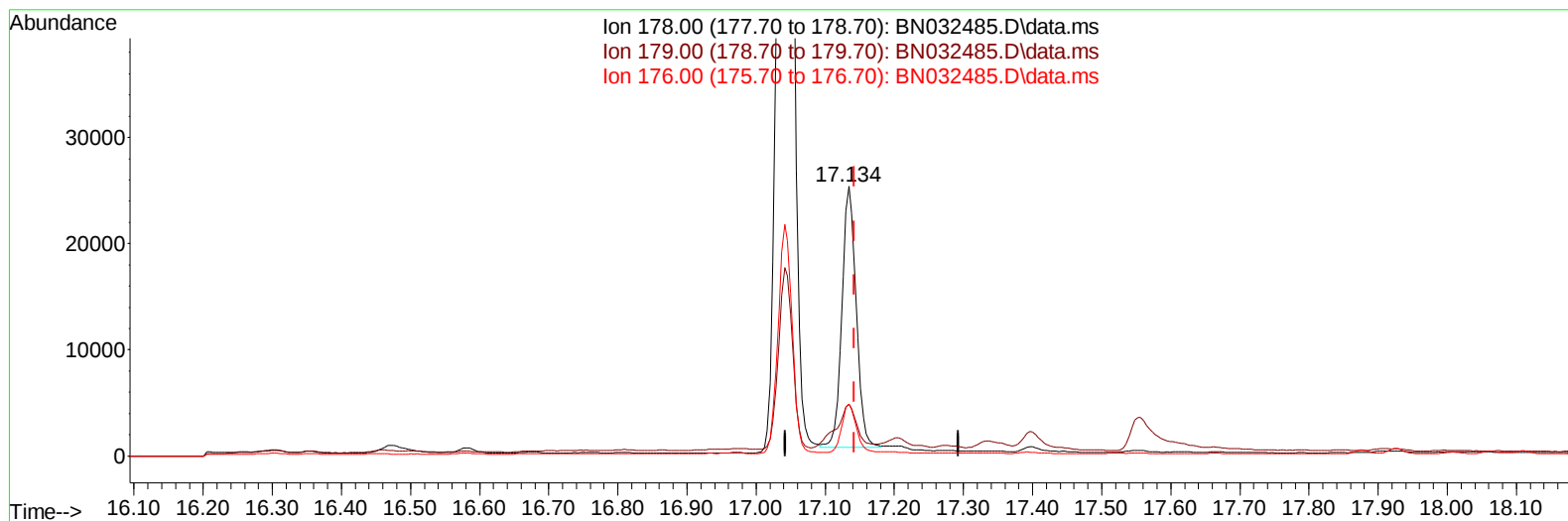
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(16) Anthracene

17.134min (-0.008) 0.68 ng/ul m

response 35526

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	19.21#
176.00	18.80	19.34
0.00	0.00	0.00

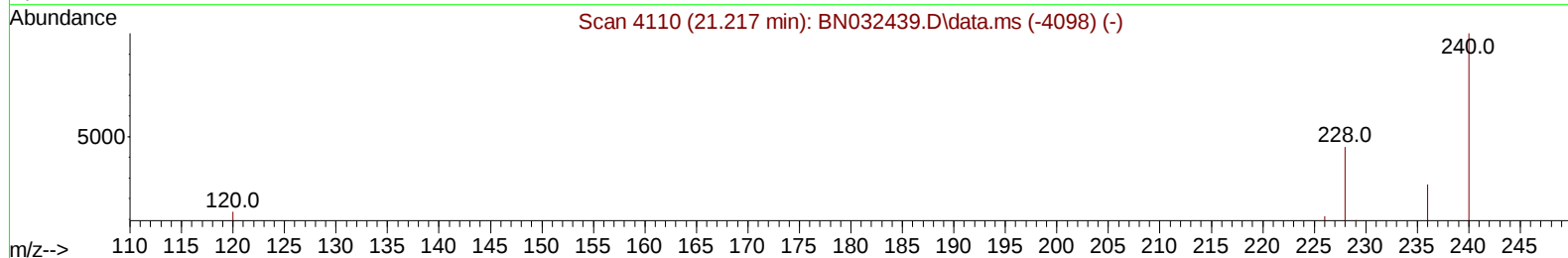
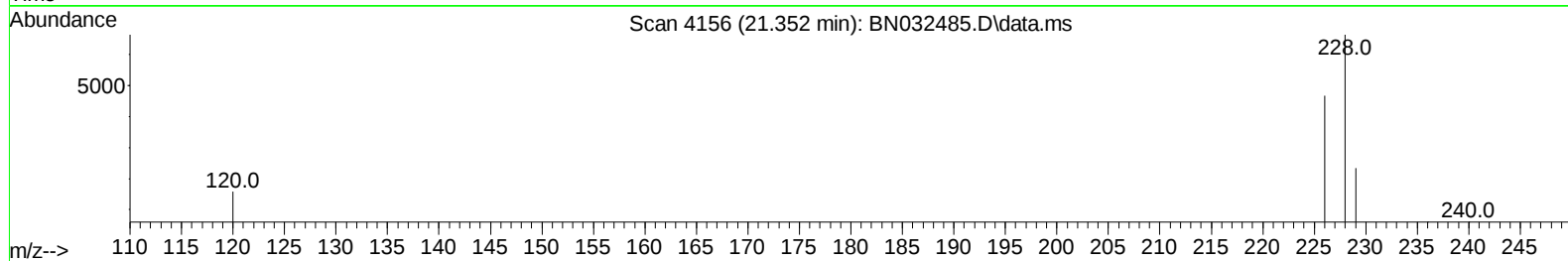
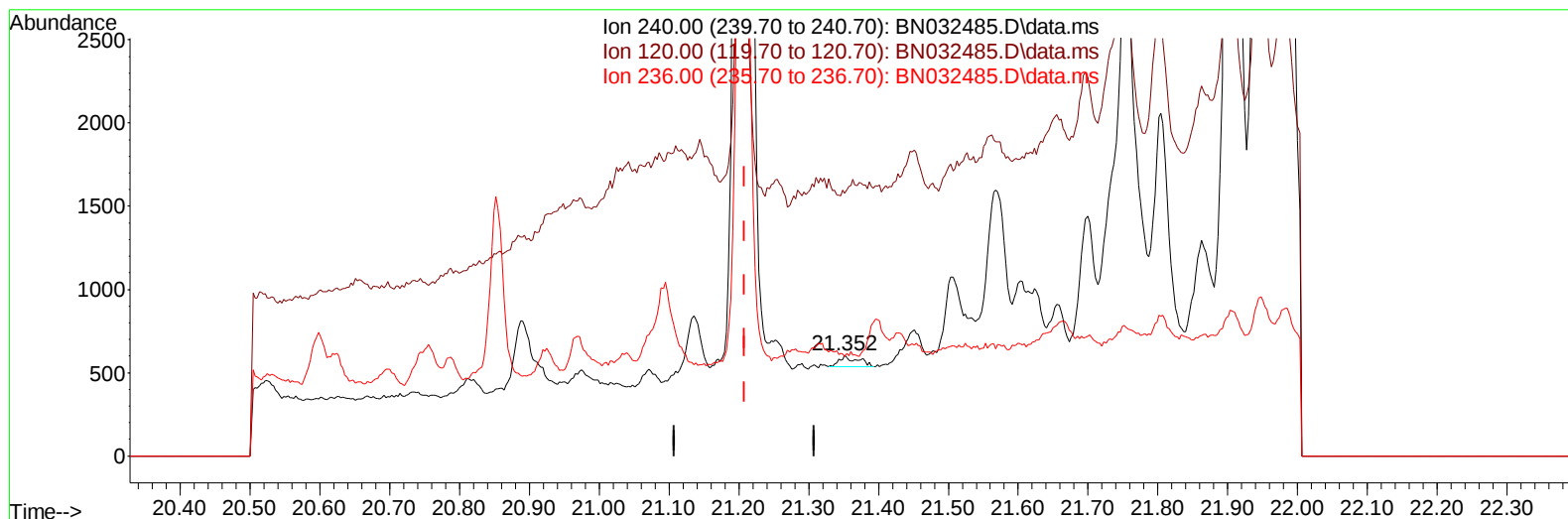
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(17) Chrysene-d12

21.352min (+ 0.143) 0.40 ng/u1

response 125

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	260.23#
236.00	28.40	98.68#
0.00	0.00	0.00

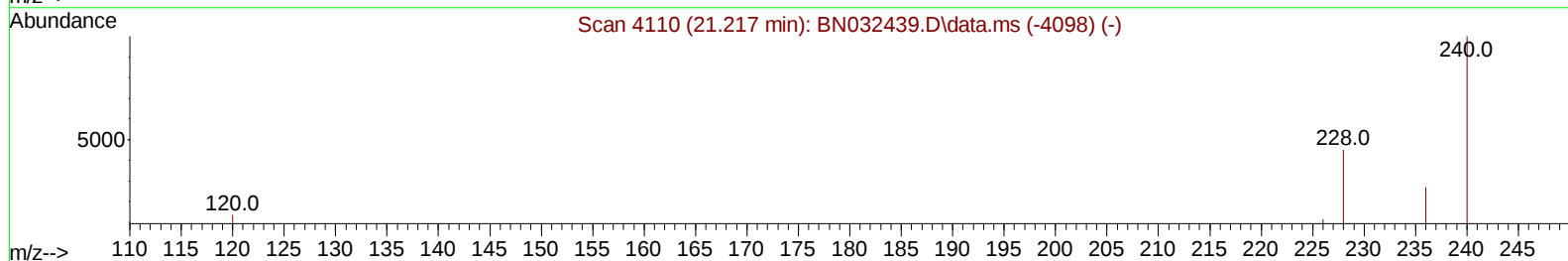
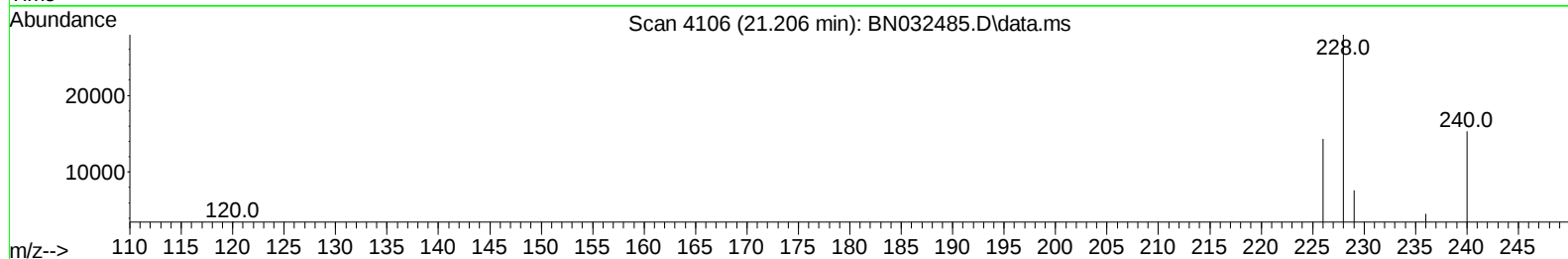
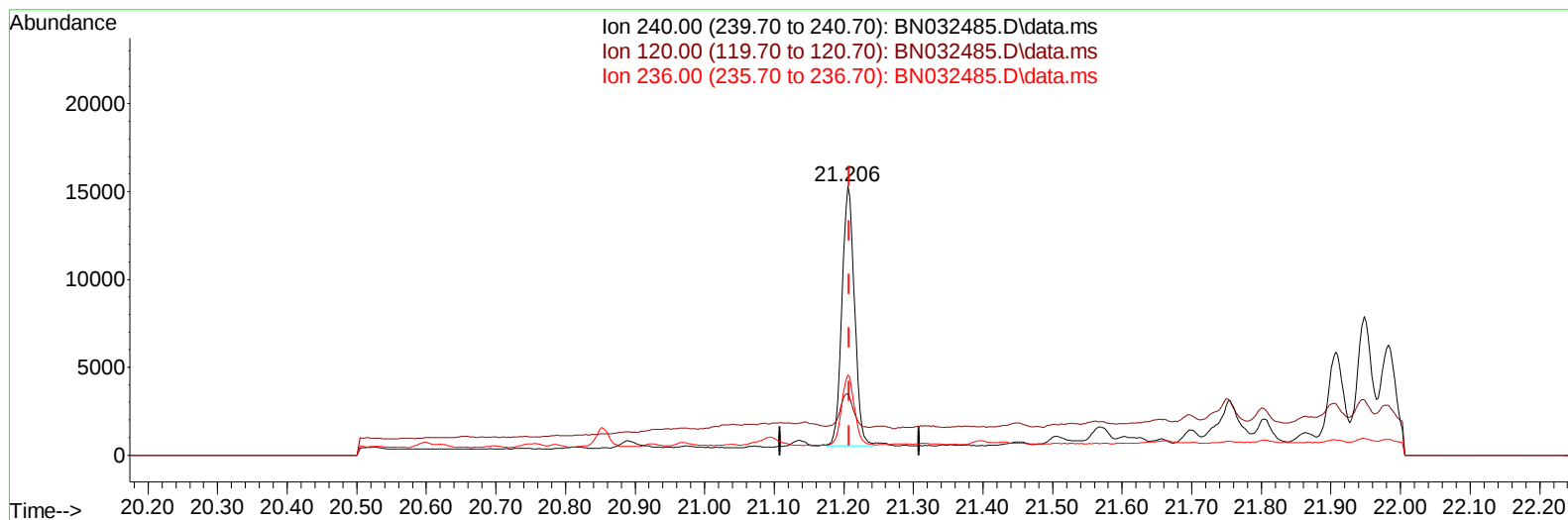
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

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

Quant Time: Jul 04 23:08:33 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: BN032485.D\data.ms

(17) Chrysene-d12

21.206min (-0.003) 0.40 ng/ul m

response 18611

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	22.76#
236.00	28.40	29.88
0.00	0.00	0.00

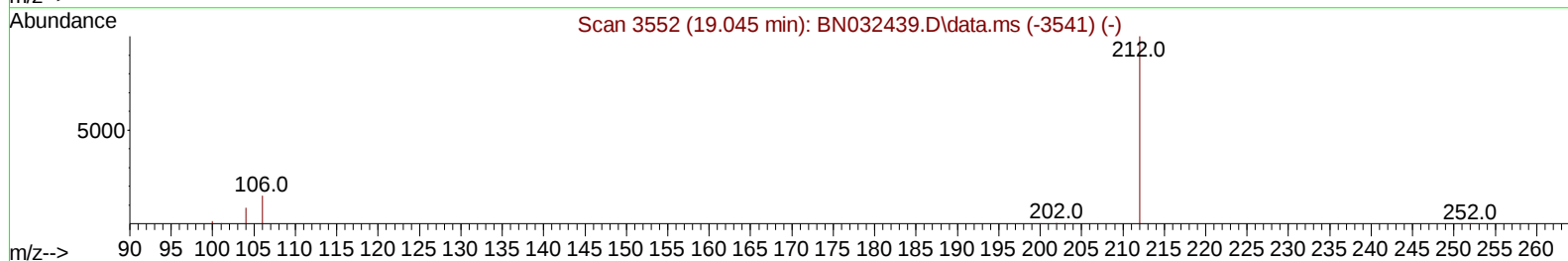
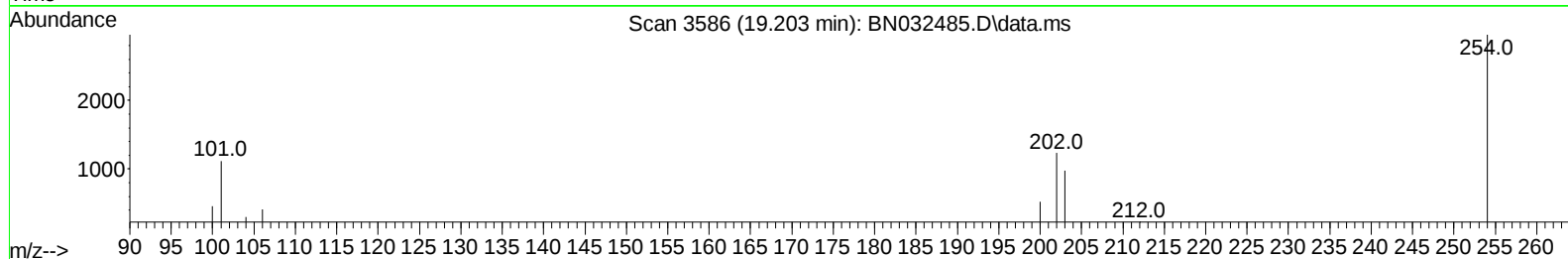
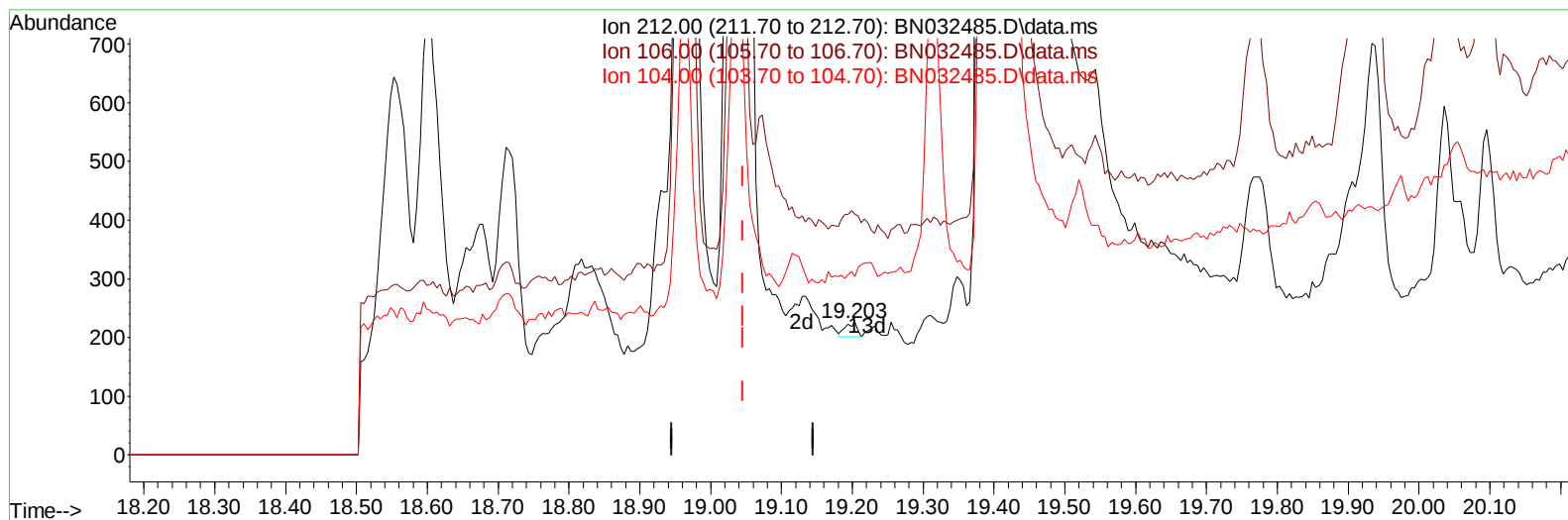
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.203min (+ 0.158) 0.00 ng/u1

response 29

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	279.31#
104.00	8.40	0.00#
0.00	0.00	0.00

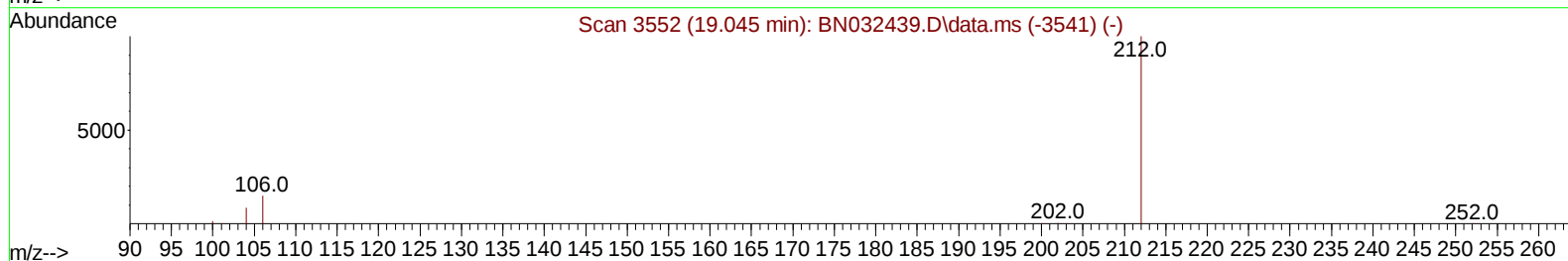
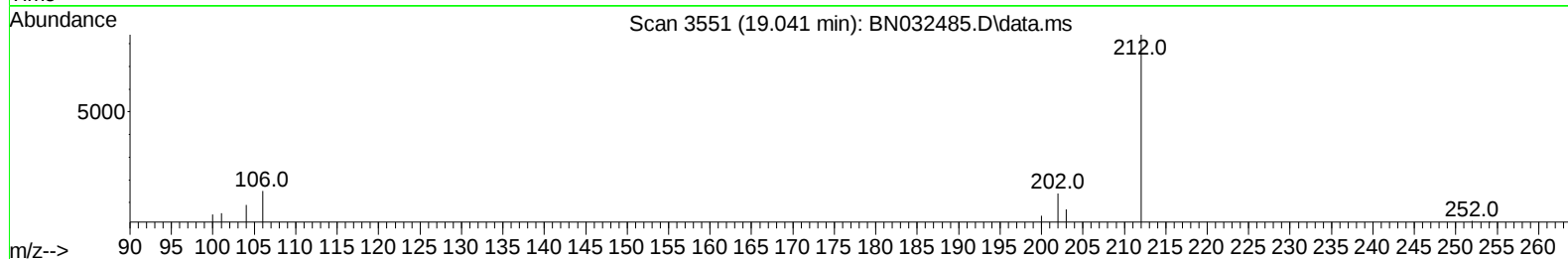
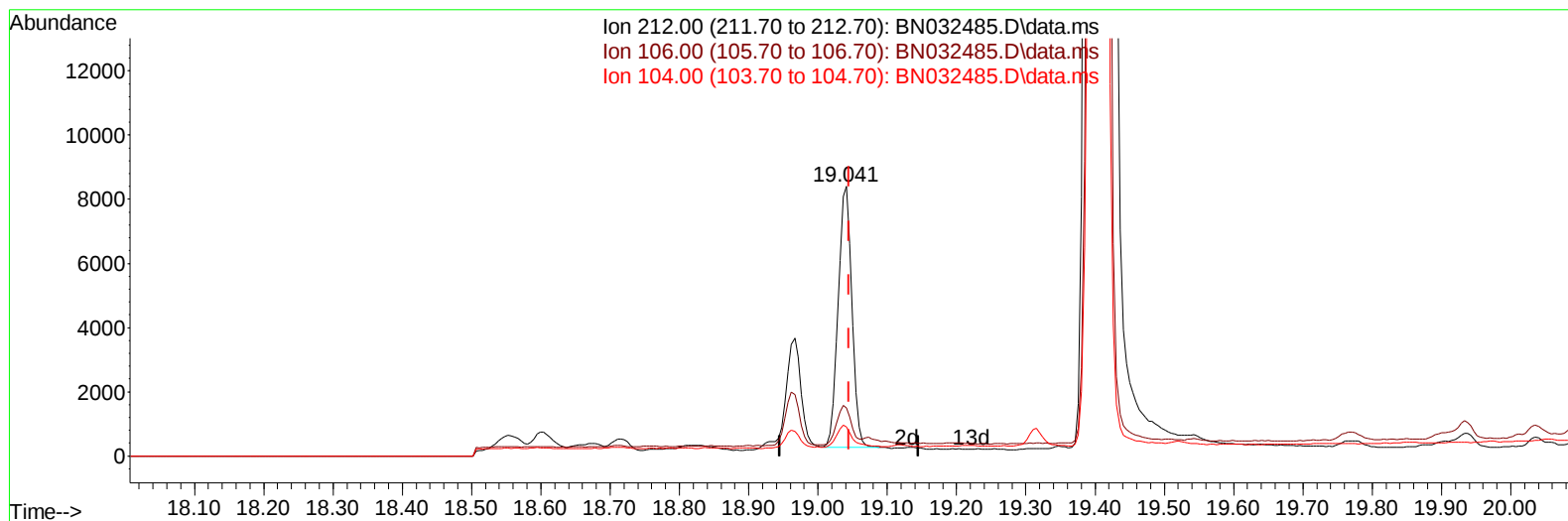
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.005) 0.20 ng/ul m

response 11106

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.73#
104.00	8.40	0.00#
0.00	0.00	0.00

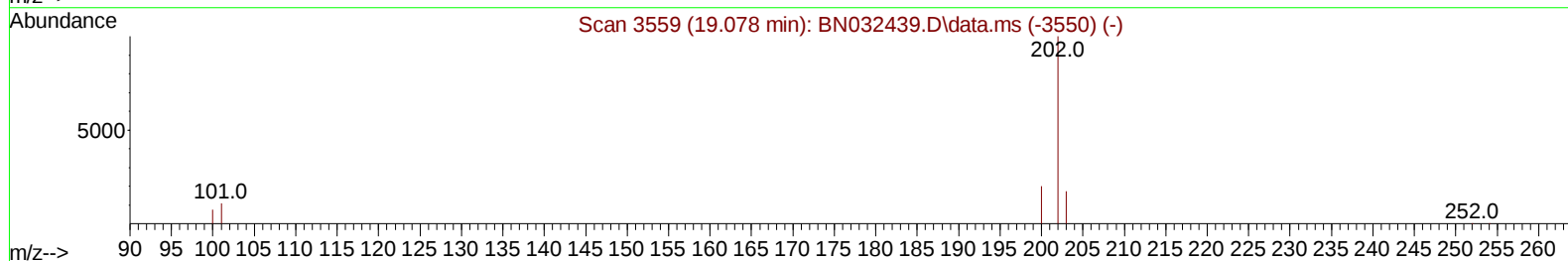
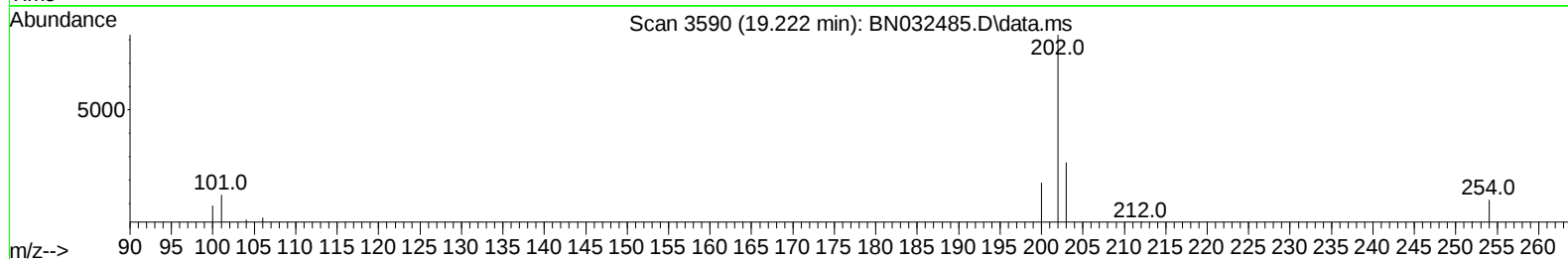
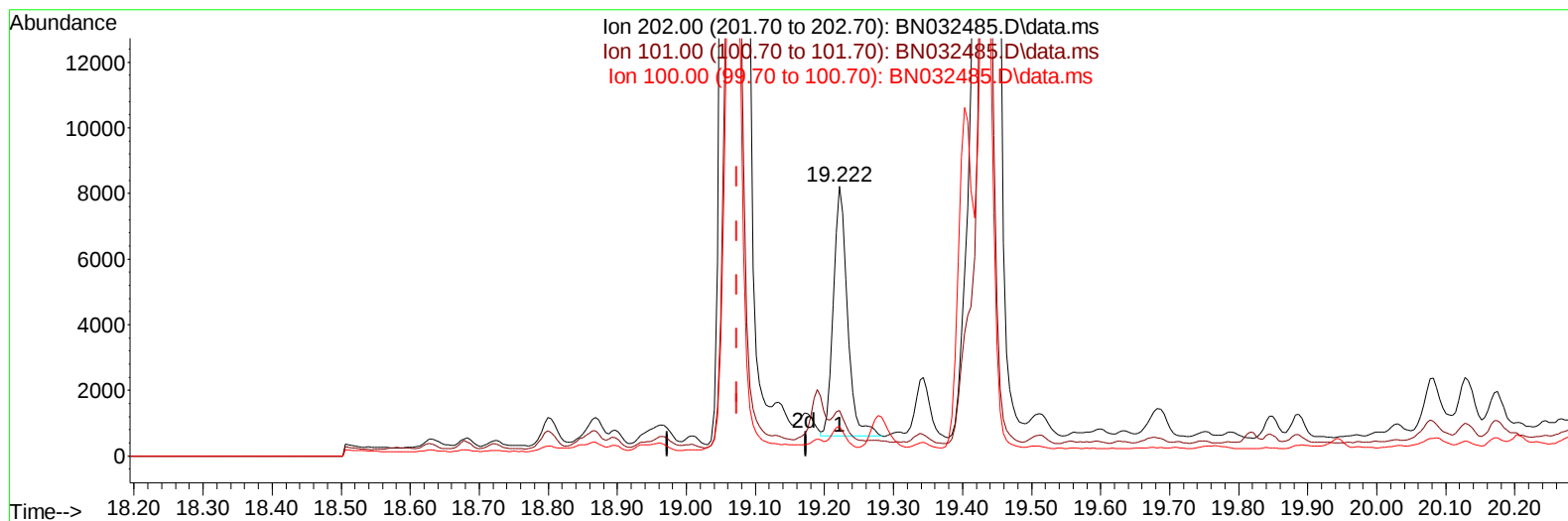
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032485.D\data.ms

(19) Fluoranthene (C)

19.222min (+ 0.149) 0.15 ng/u1

response 10737

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	16.86#
100.00	8.00	11.02#
0.00	0.00	0.00

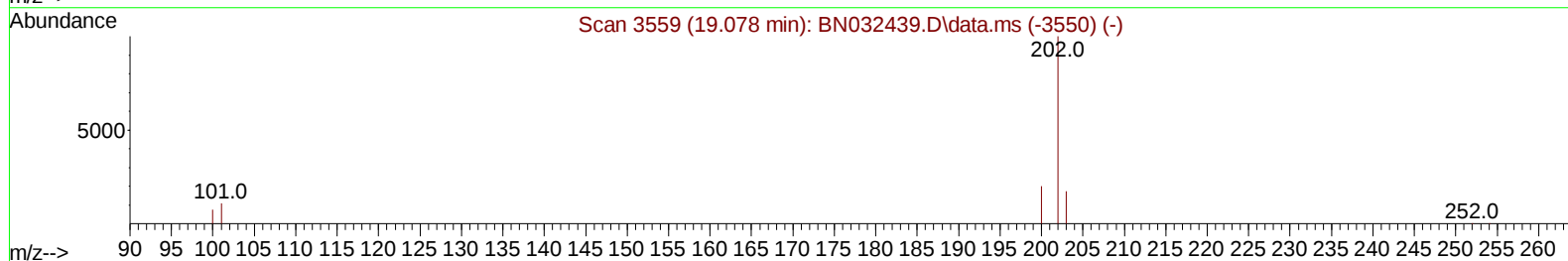
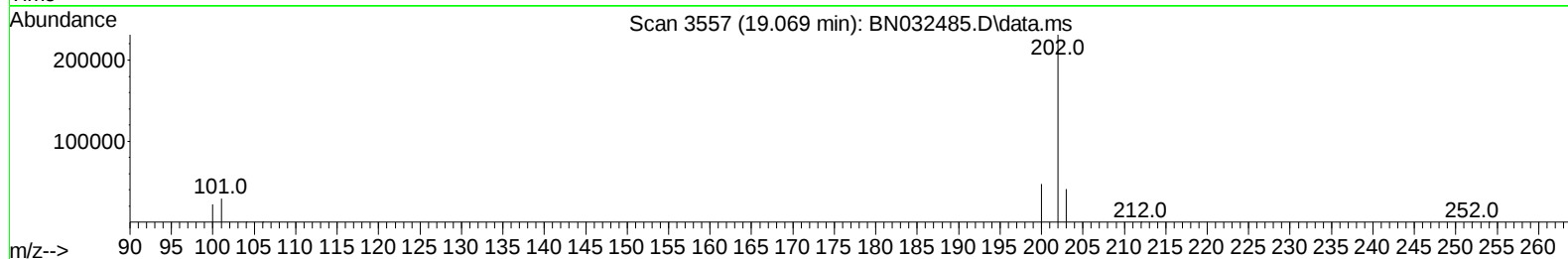
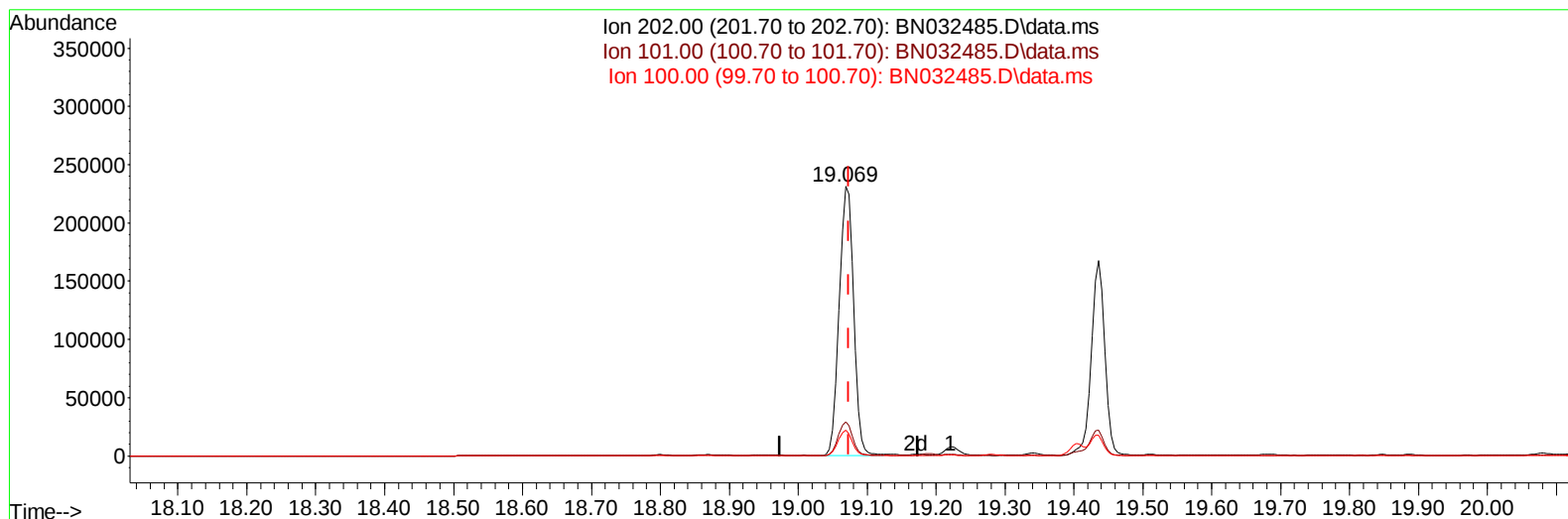
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032485.D\data.ms

(19) Fluoranthene (C)

19.069min (-0.005) 4.68 ng/ul m

response 331691

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	12.68
100.00	8.00	9.48
0.00	0.00	0.00

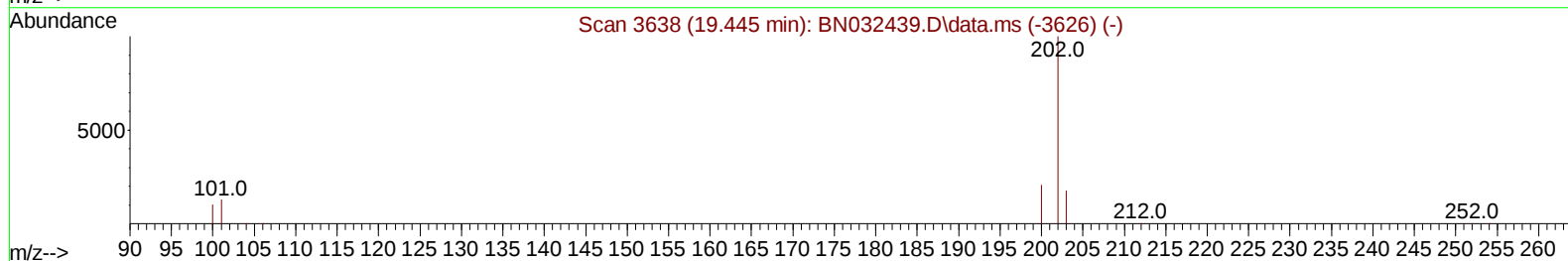
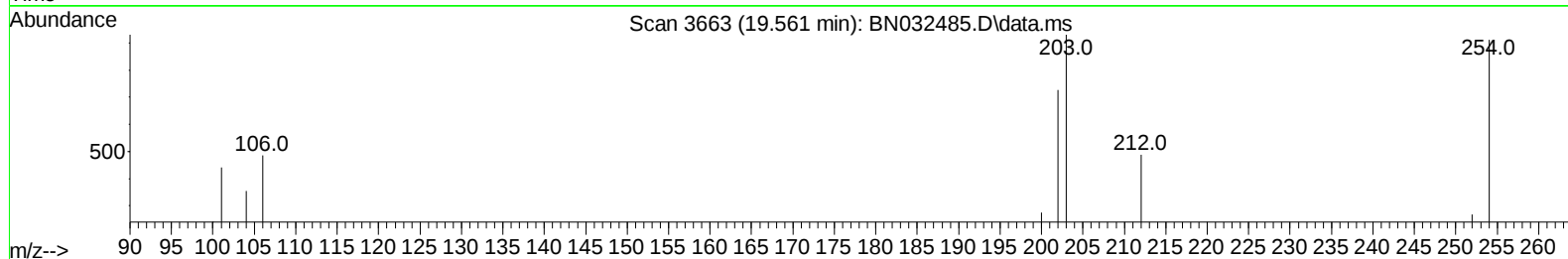
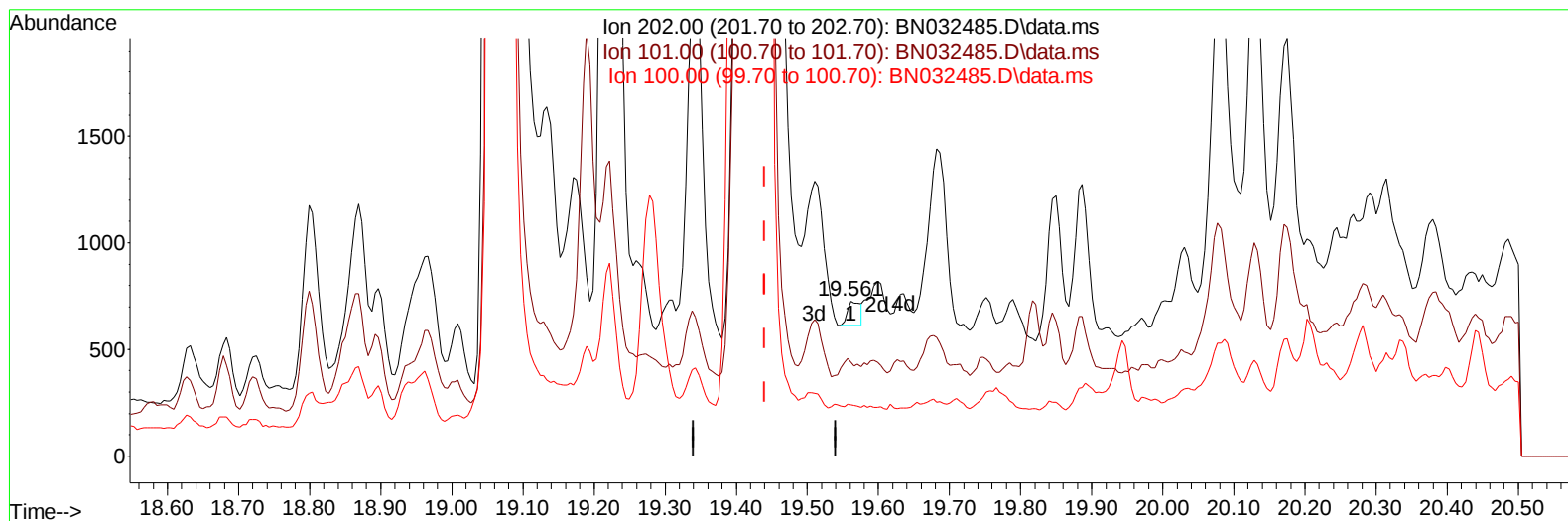
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032485.D\data.ms

(20) Pyrene

19.561min (+ 0.121) 0.00 ng/u1

response 144

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	60.66#
100.00	10.90	33.01#
0.00	0.00	0.00

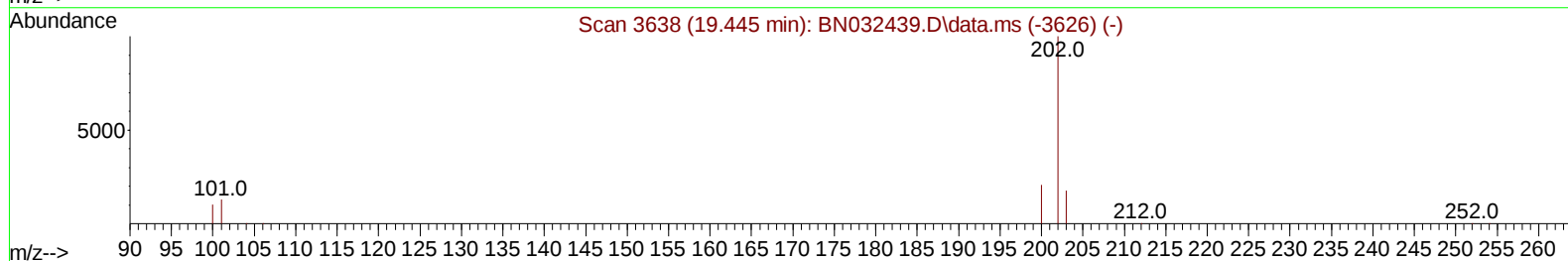
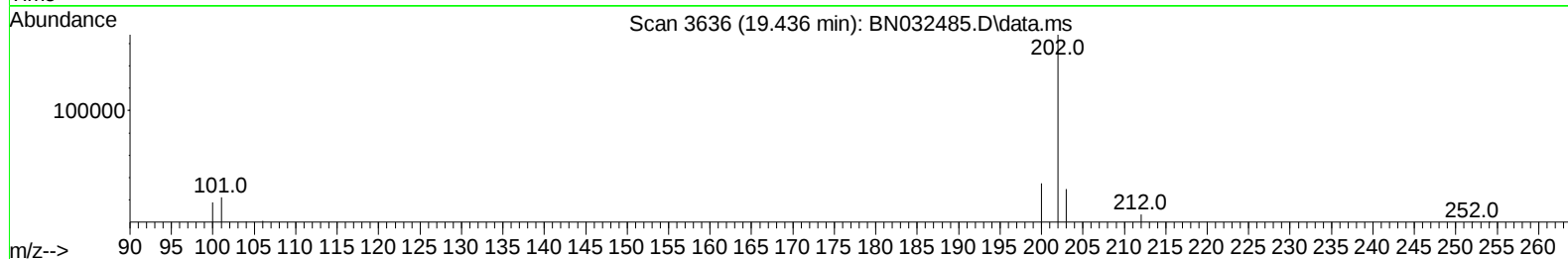
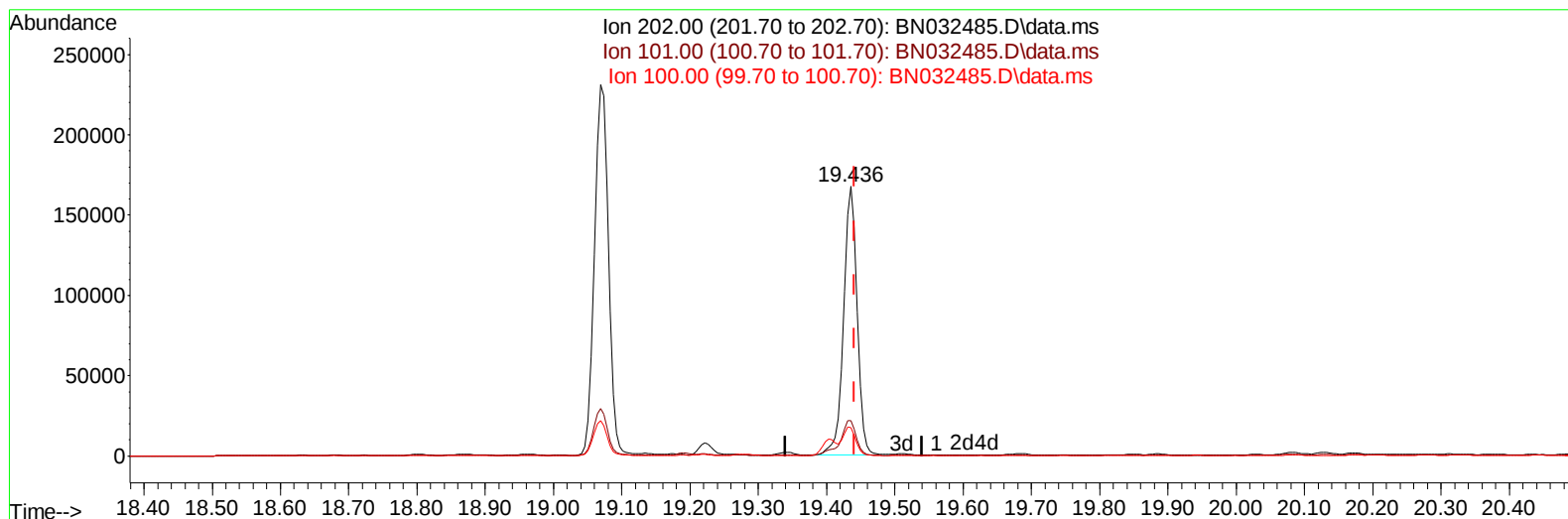
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(20) Pyrene

19.436min (-0.005) 3.11 ng/ul m

response 230582

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.18
100.00	10.90	10.54
0.00	0.00	0.00

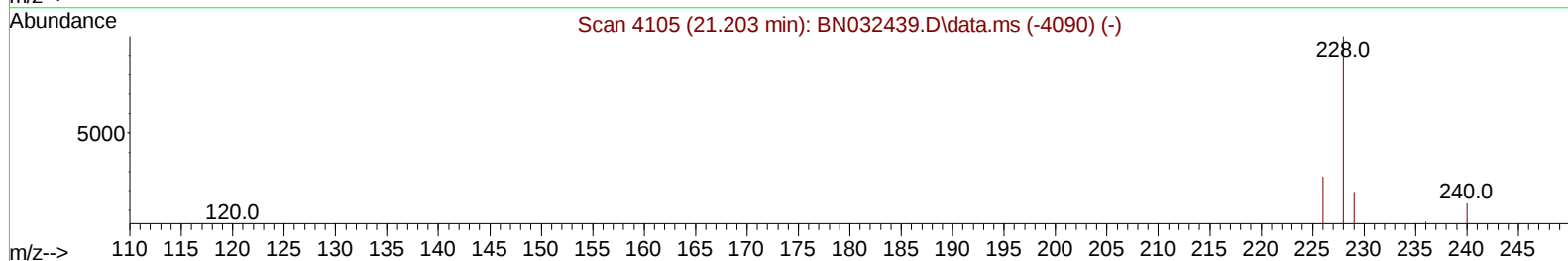
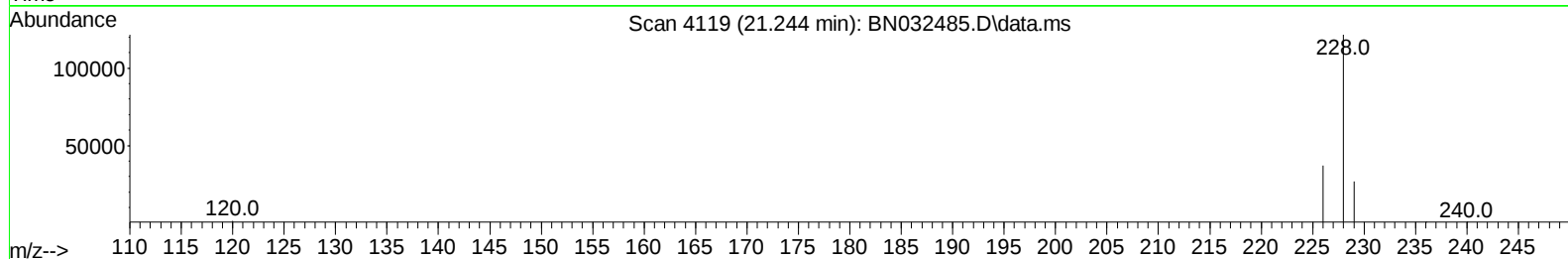
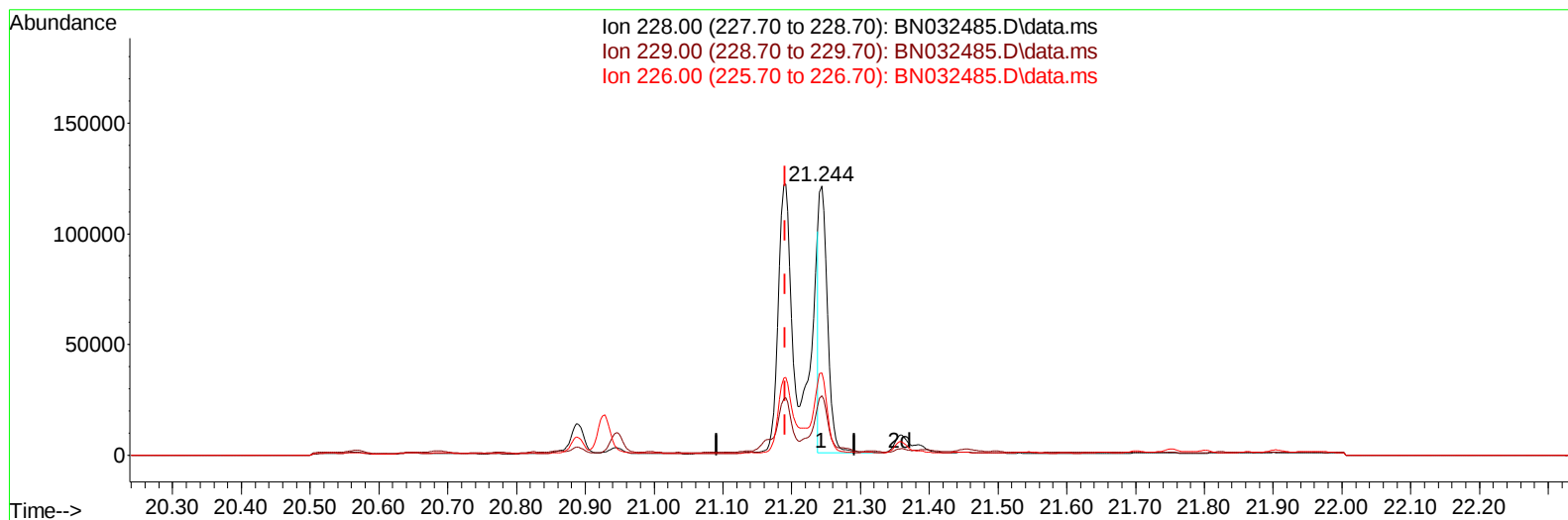
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

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

Quant Time: Jul 04 23:08:33 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: BN032485.D\data.ms

(21) Benzo(a)anthracene

21.244min (+ 0.053) 1.55 ng/u1

response 103805

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.05
226.00	27.30	30.53
0.00	0.00	0.00

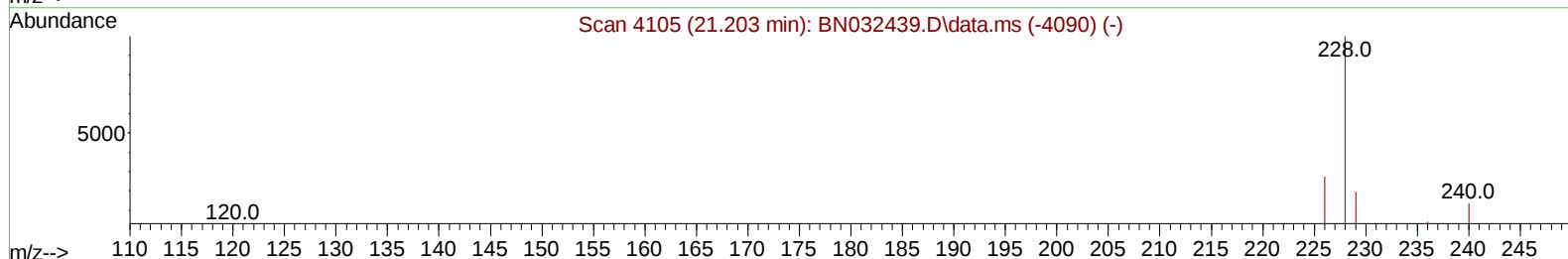
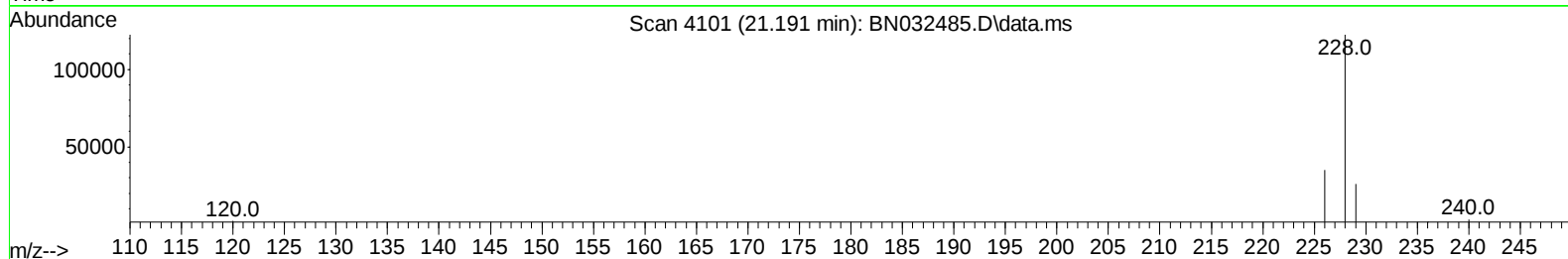
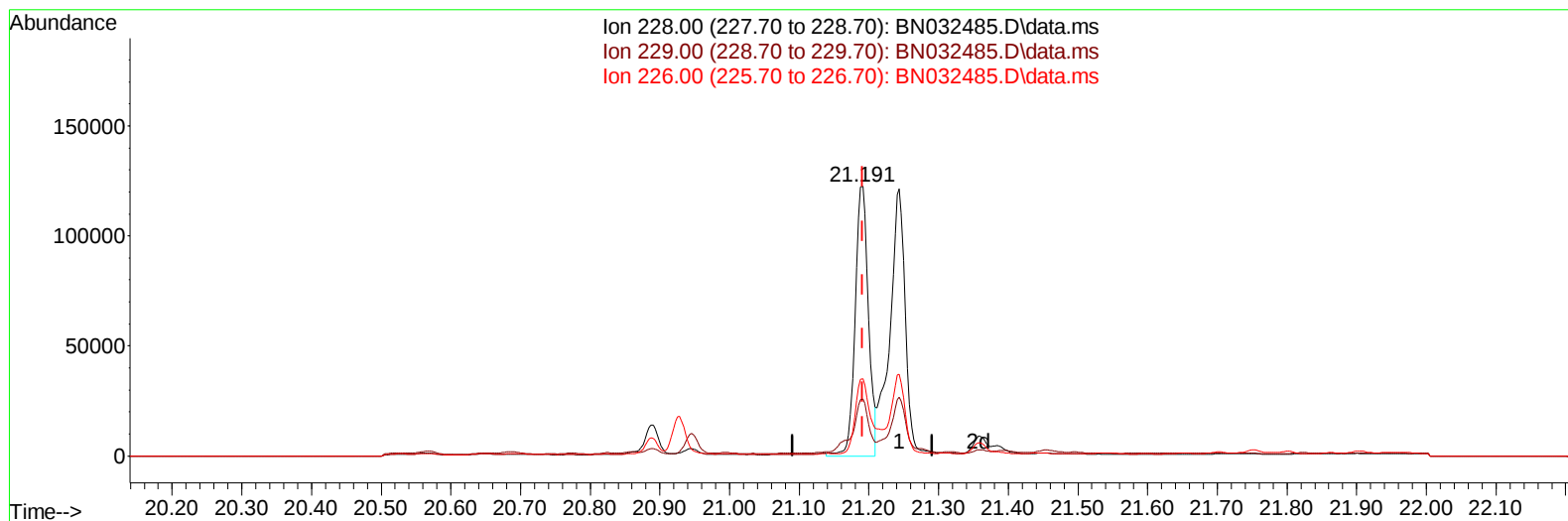
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(21) Benzo(a)anthracene

21.191min (+ 0.000) 2.42 ng/ul m

response 162784

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.11
226.00	27.30	28.65
0.00	0.00	0.00

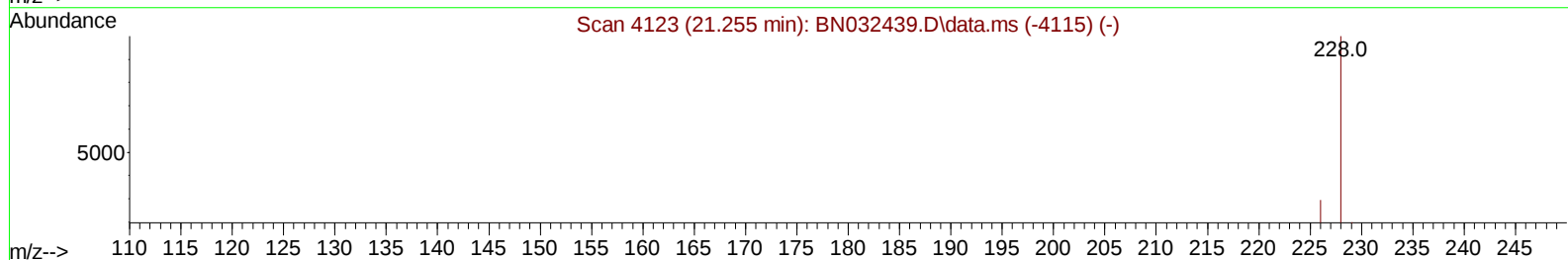
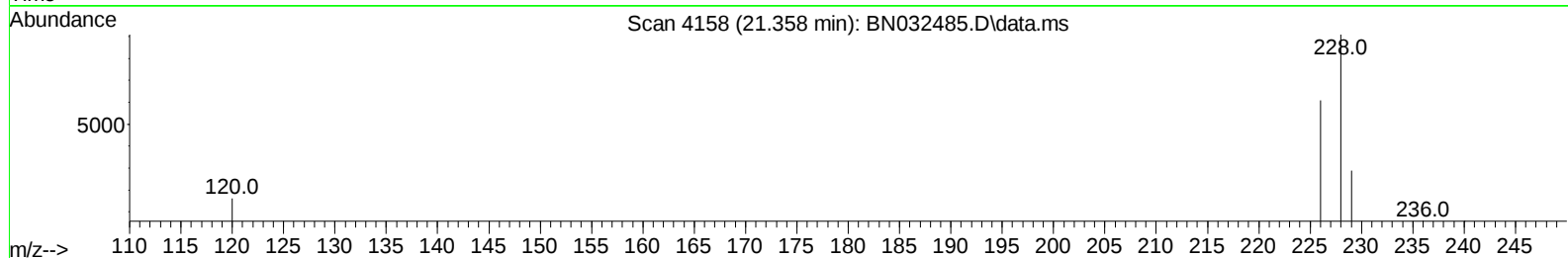
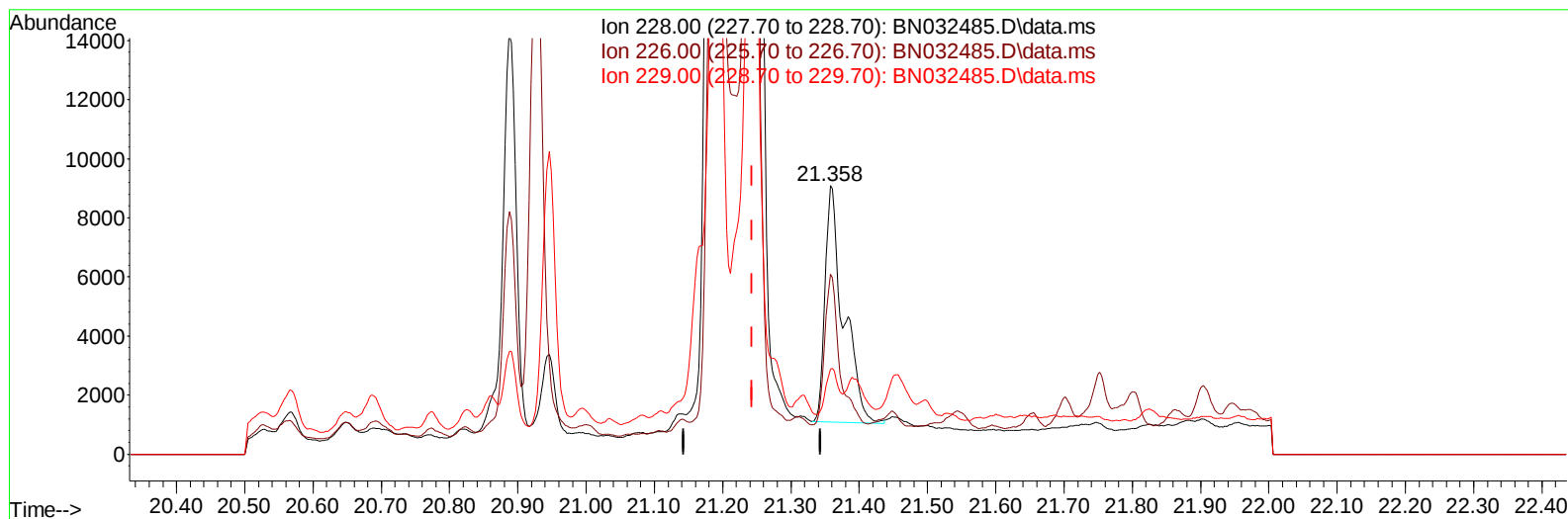
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(22) Chrysene

21.358min (+ 0.114) 0.20 ng/u1

response 15057

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	67.10#
229.00	19.60	31.78#
0.00	0.00	0.00

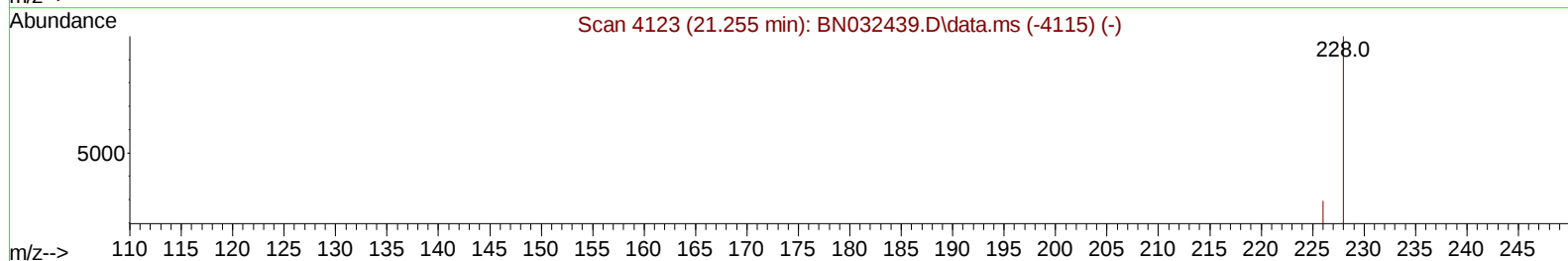
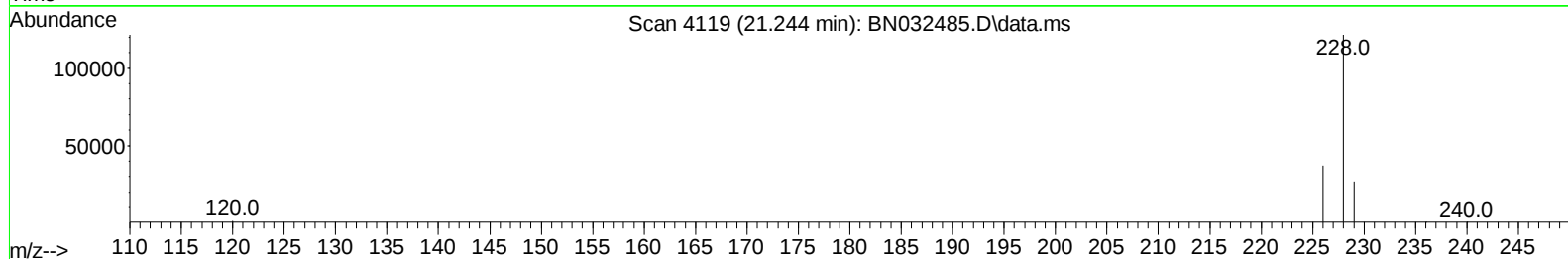
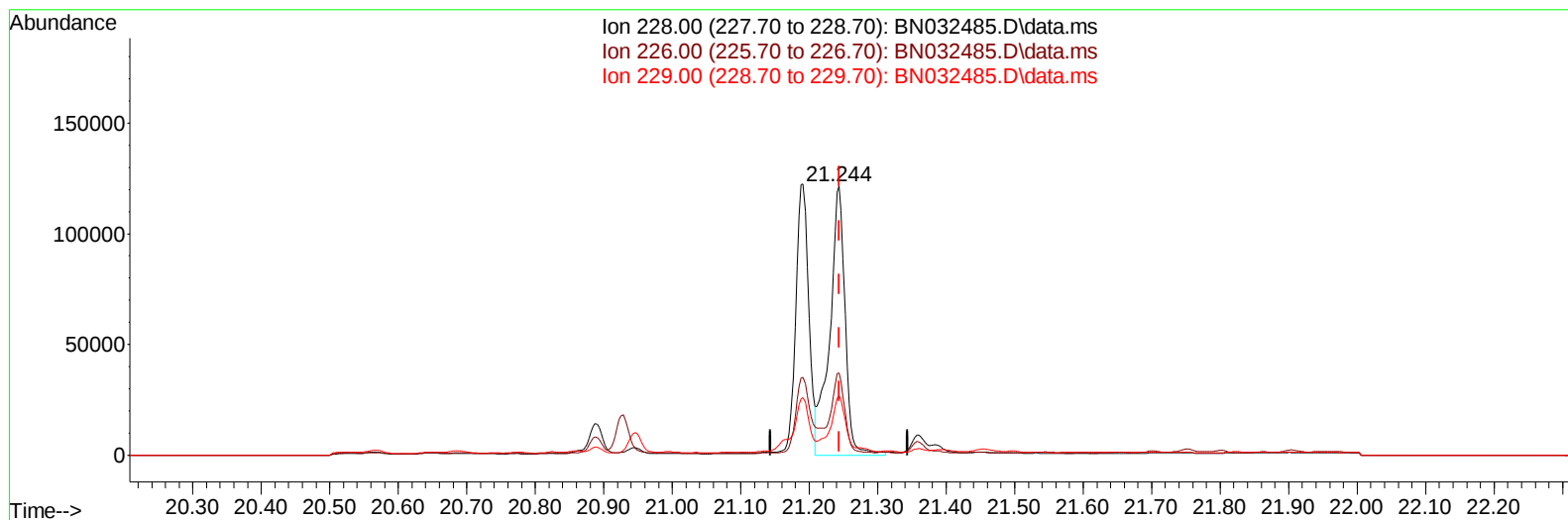
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(22) Chrysene

21.244min (+ 0.000) 2.59 ng/ul m

response 191173

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.53
229.00	19.60	22.05
0.00	0.00	0.00

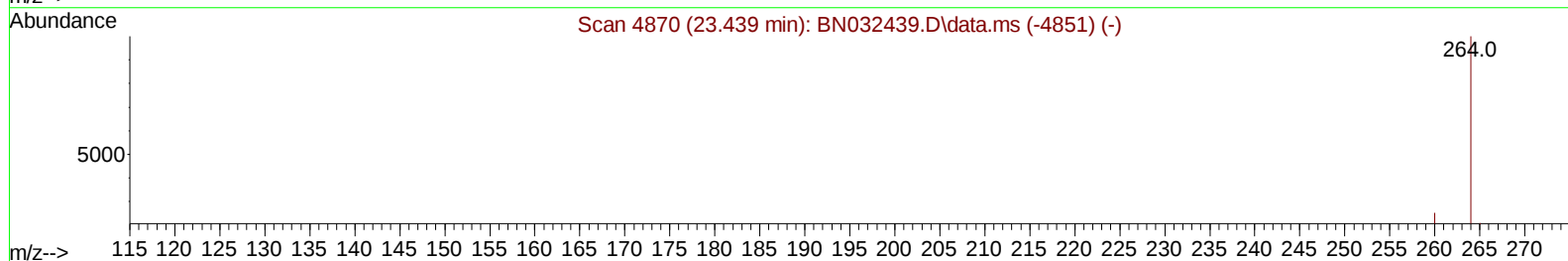
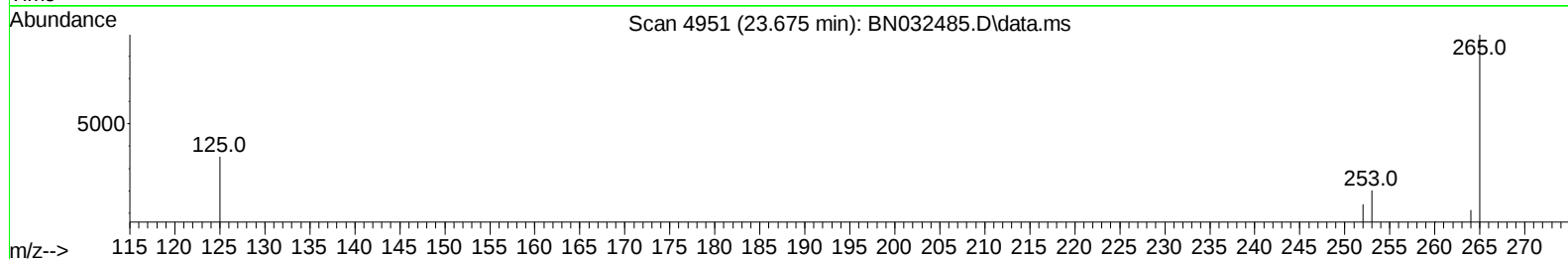
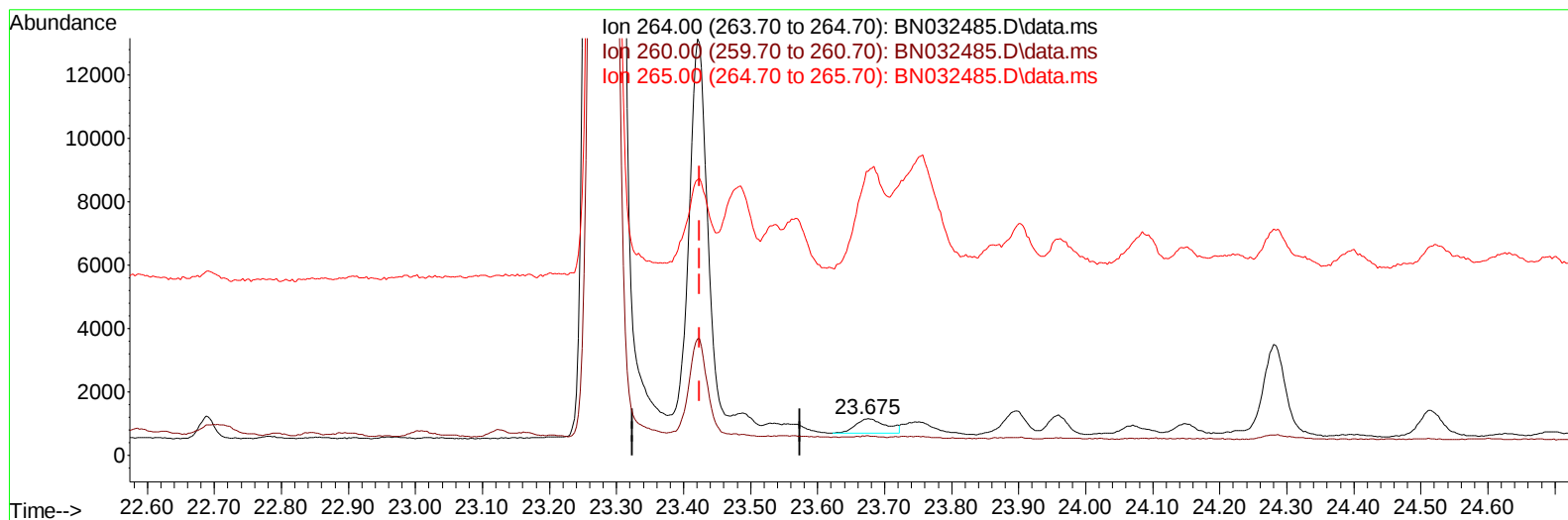
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(23) Perylene-d12 (I)

23.675min (+ 0.251) 0.40 ng/u1

response 1498

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	52.83#
265.00	67.20	780.07#
0.00	0.00	0.00

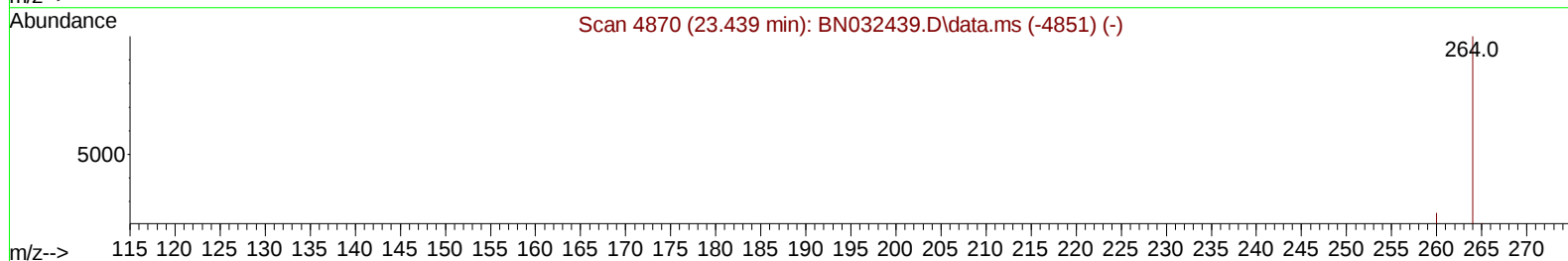
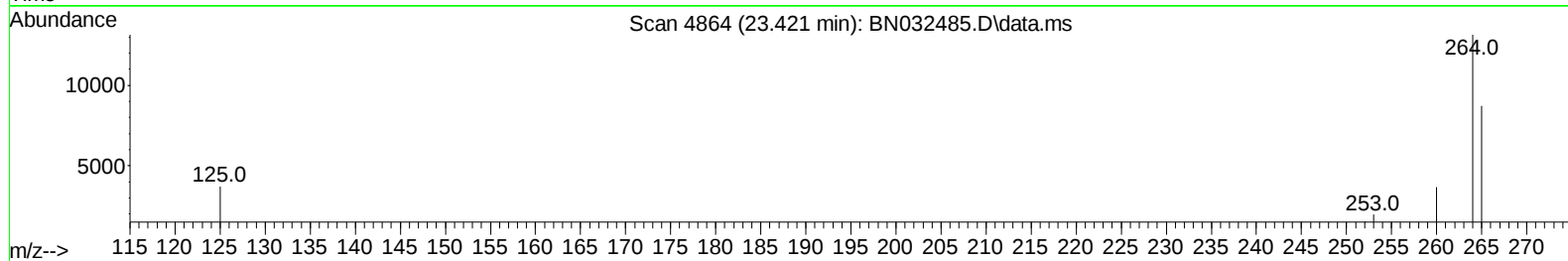
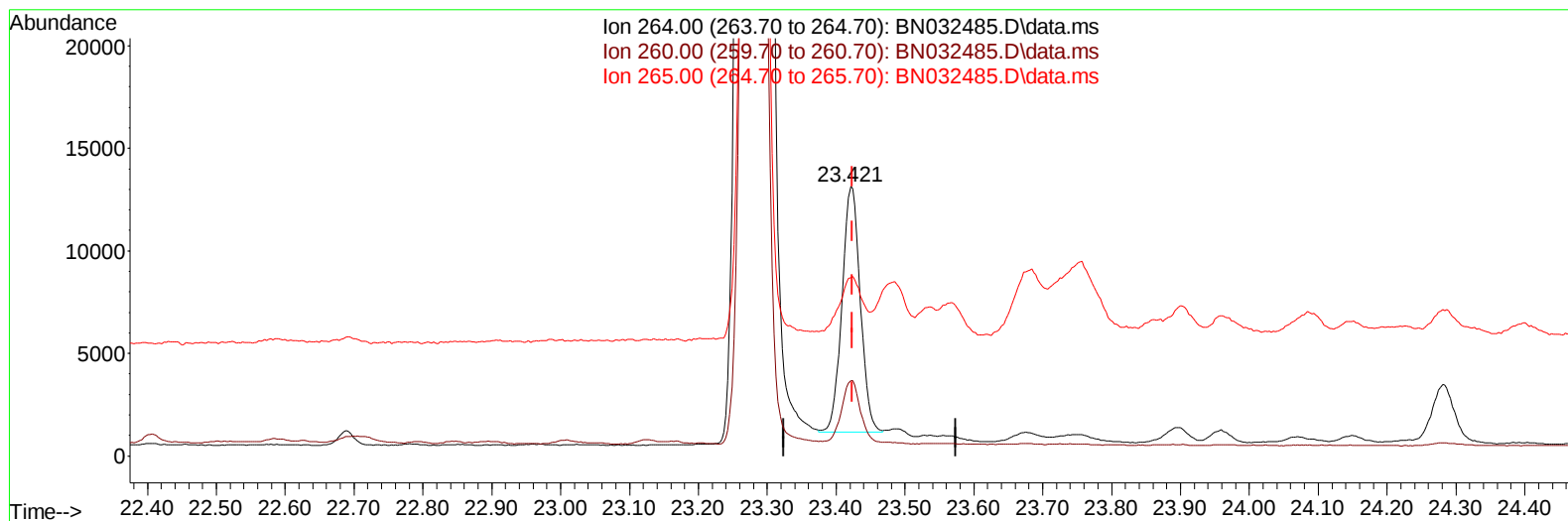
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(23) Perylene-d12 (I)

23.421min (-0.003) 0.40 ng/ul m

response 22091

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	27.99
265.00	67.20	66.21
0.00	0.00	0.00

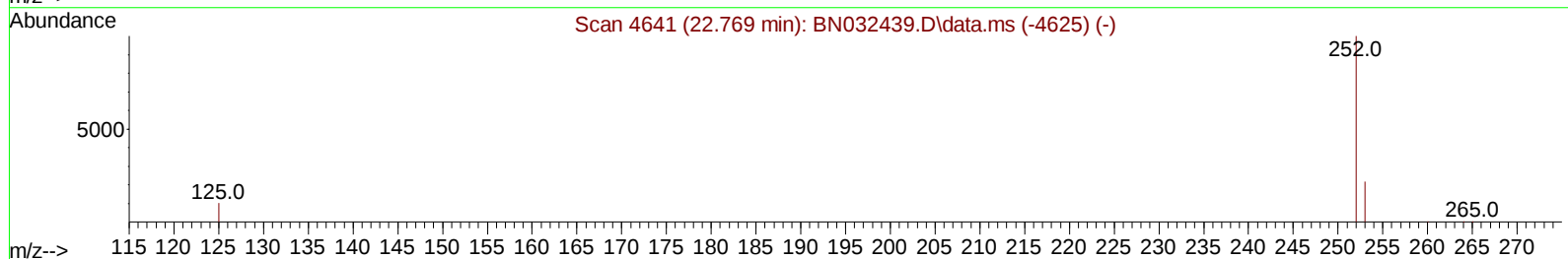
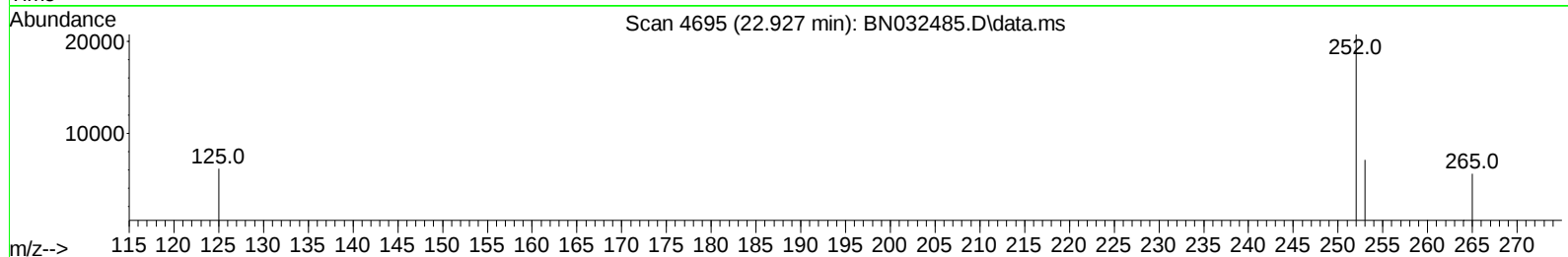
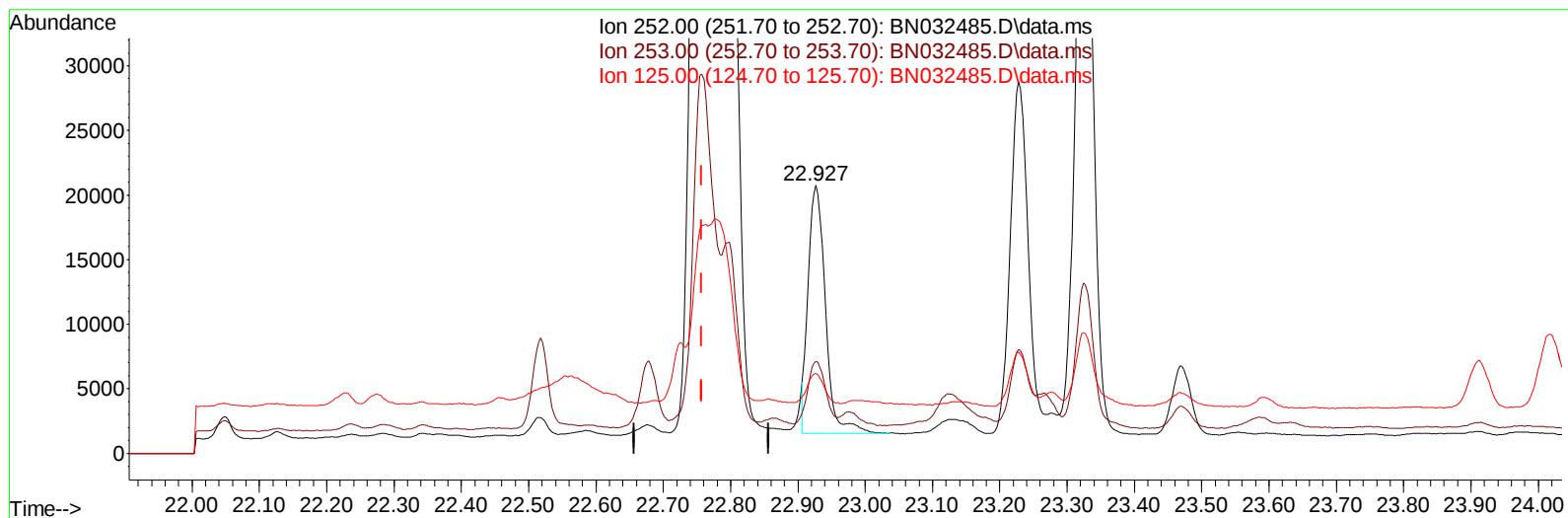
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(24) Benzo(b)fluoranthene

22.927min (+ 0.170) 0.36 ng/u1

response 34322

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	34.36
125.00	16.00	29.79
0.00	0.00	0.00

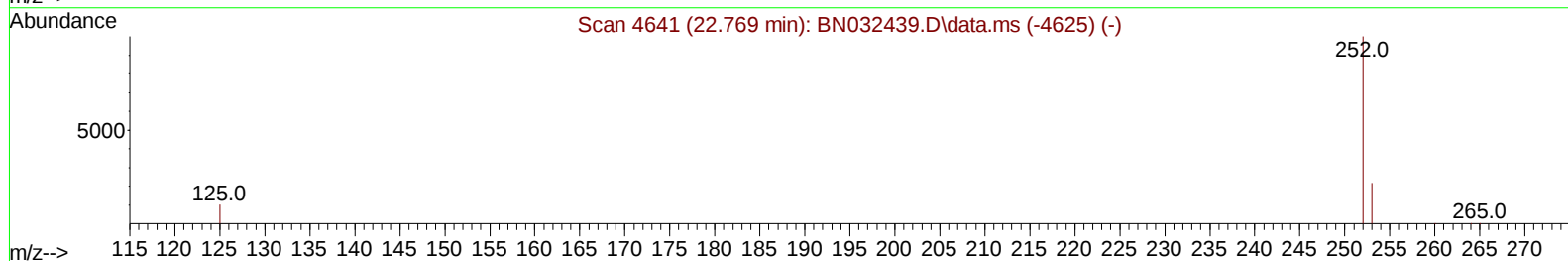
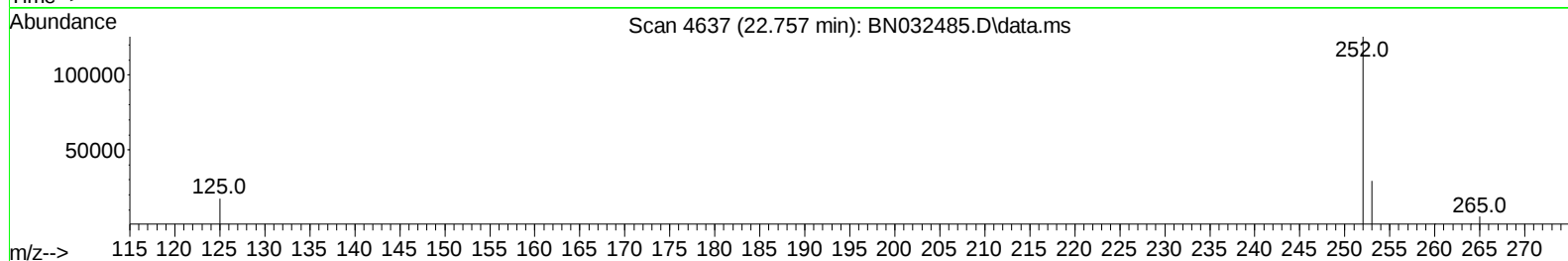
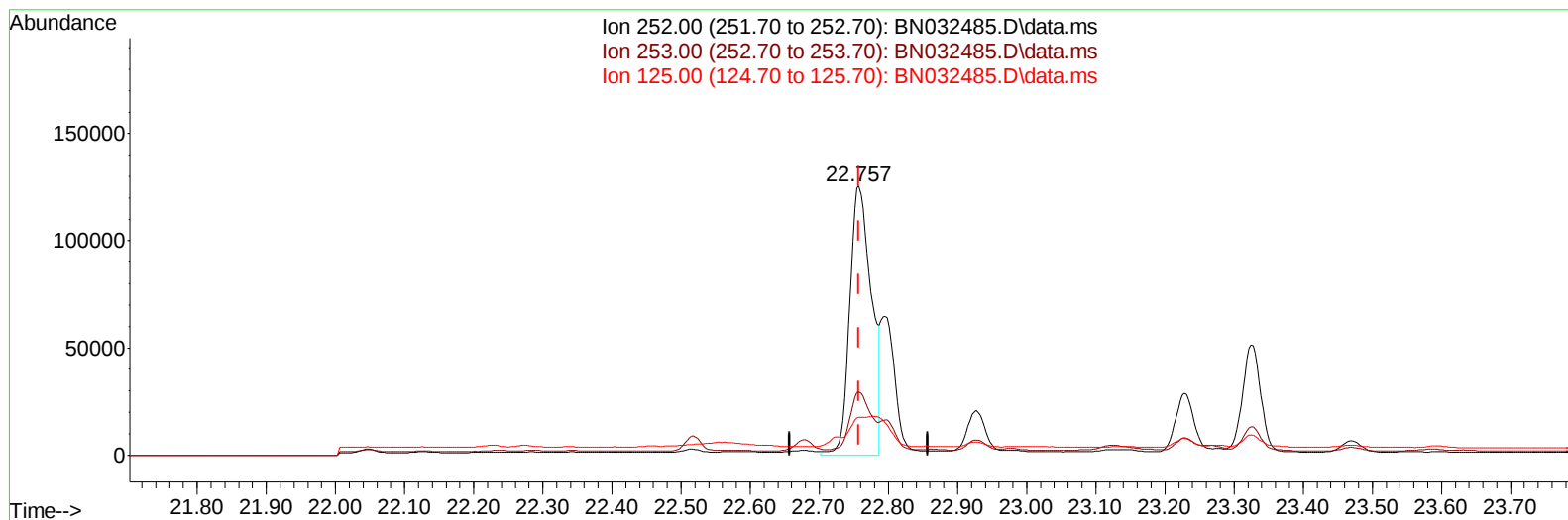
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(24) Benzo(b)fluoranthene

22.757min (+ 0.000) 2.88 ng/ul m

response 276391

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.40
125.00	16.00	14.07
0.00	0.00	0.00

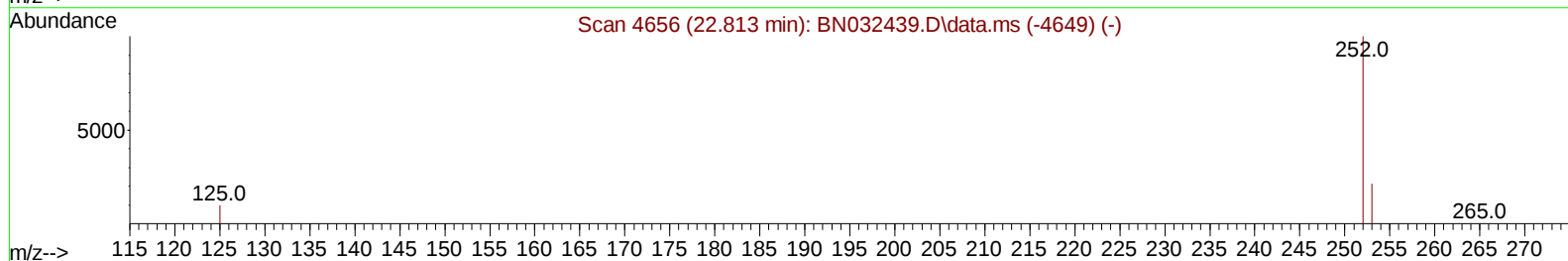
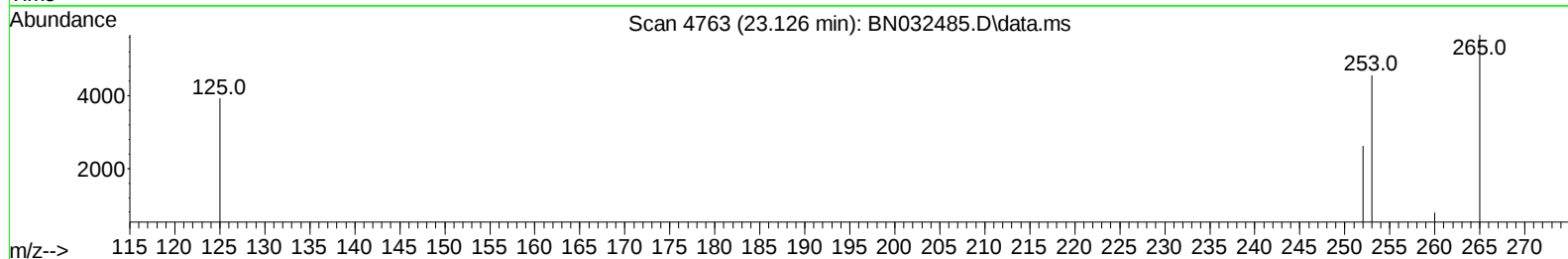
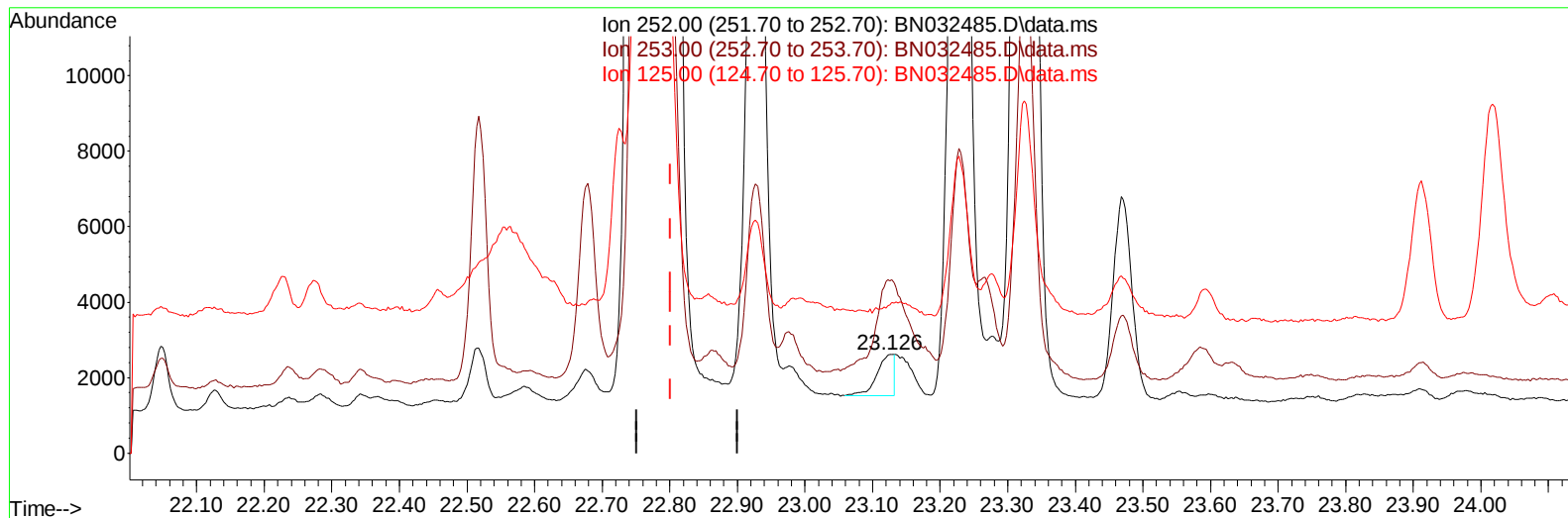
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(25) Benzo(k)fluoranthene

23.126min (+ 0.325) 0.02 ng/u1

response 1930

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	174.57#
125.00	16.00	150.25#
0.00	0.00	0.00

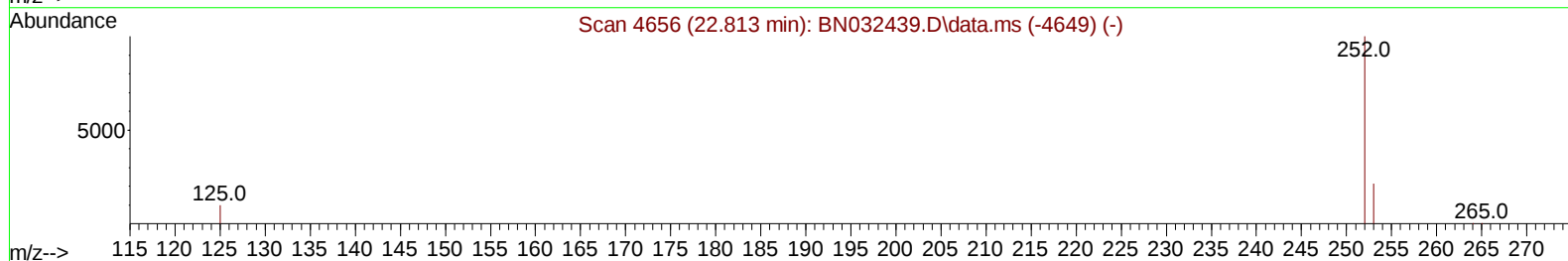
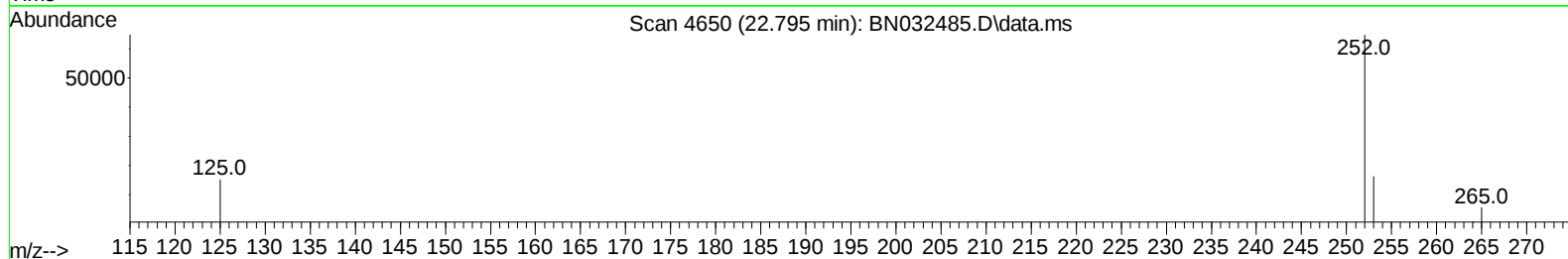
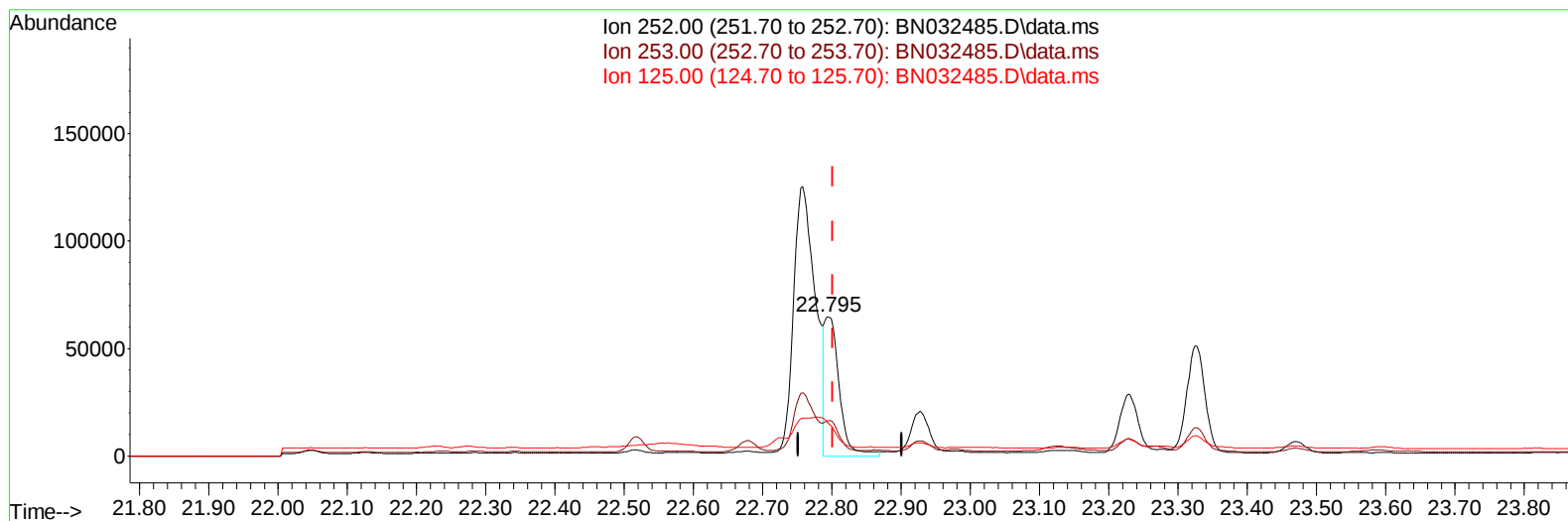
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(25) Benzo(k)fluoranthene

22.795min (-0.006) 1.04 ng/u1 m

response 96579

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	25.22
125.00	16.00	23.30#
0.00	0.00	0.00

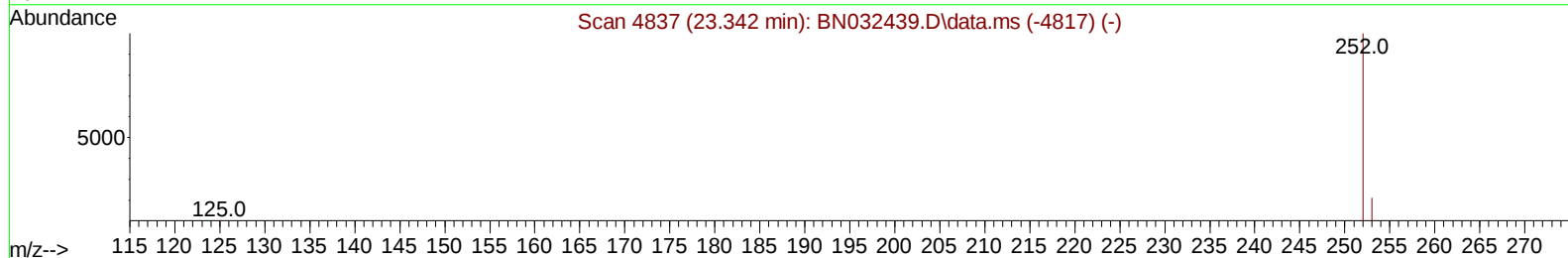
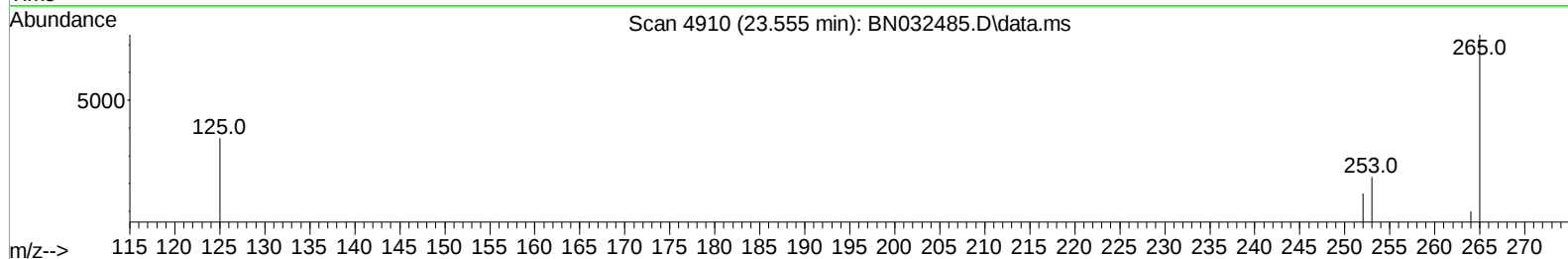
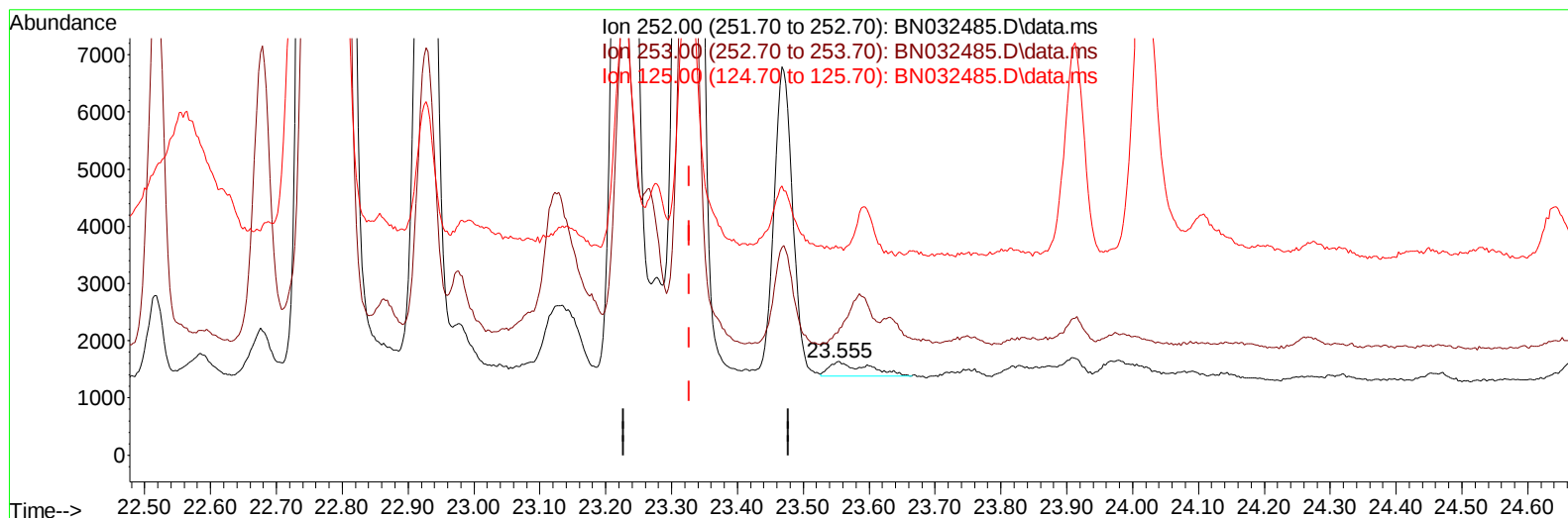
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(26) Benzo(a)pyrene (C)

23.555min (+ 0.228) 0.02 ng/u1

response 1042

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	136.25#
125.00	20.50	221.94#
0.00	0.00	0.00

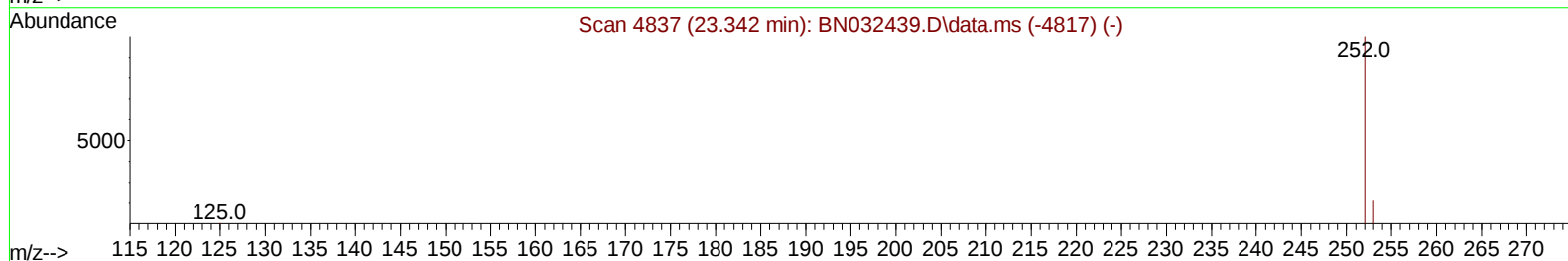
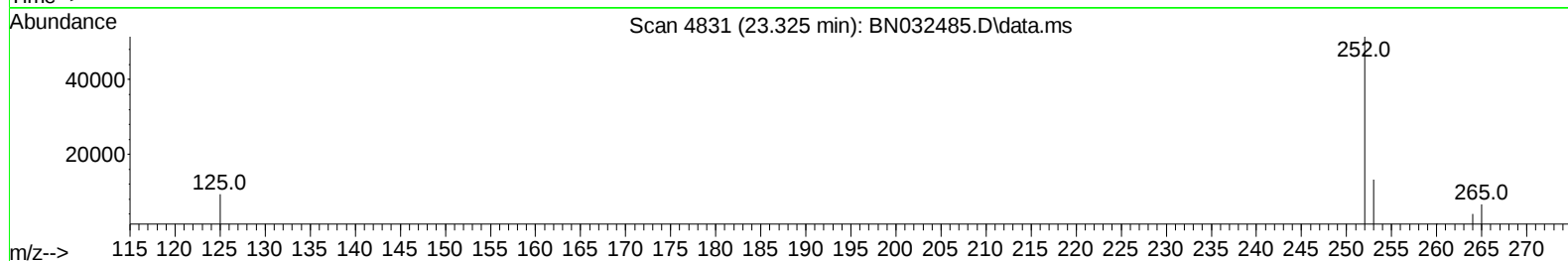
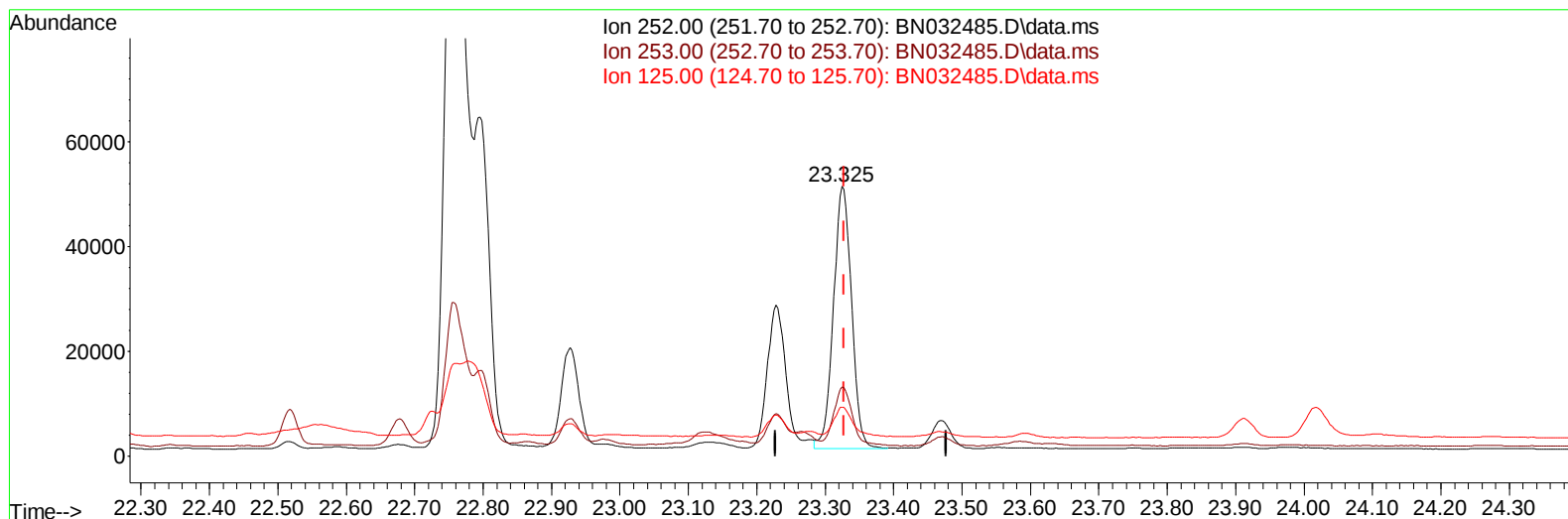
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

(26) Benzo(a)pyrene (C)

23.325min (-0.003) 1.38 ng/u1 m

response 92226

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	25.58
125.00	20.50	18.14
0.00	0.00	0.00

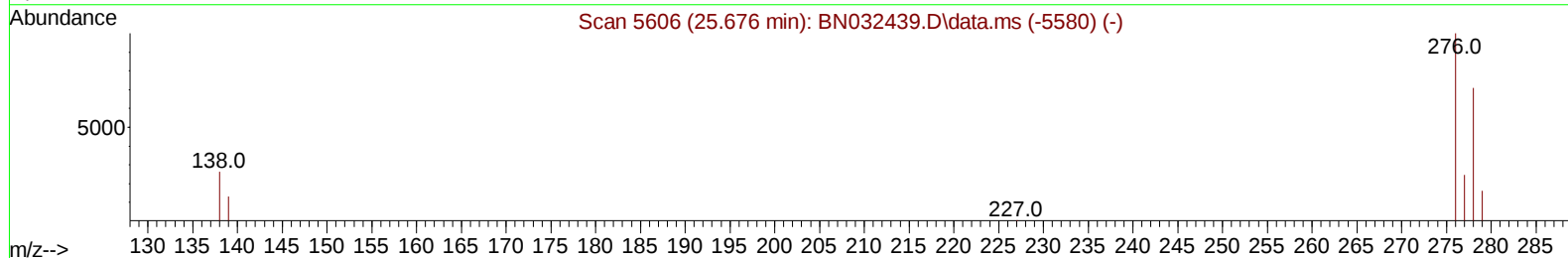
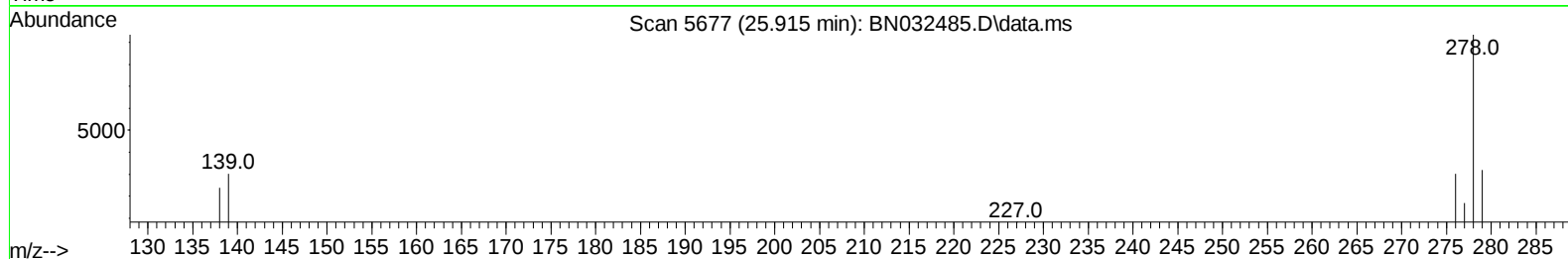
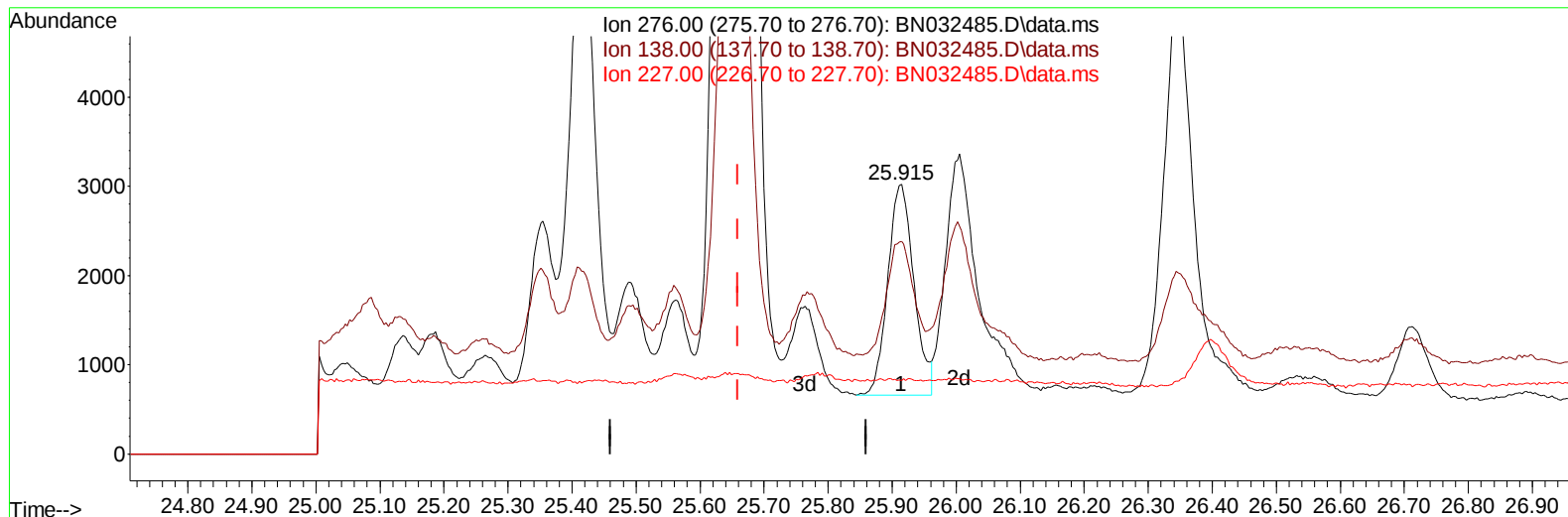
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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



TIC: BN032485.D\data.ms

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

25.915min (+ 0.255) 0.06 ng/u1

response 6729

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	58.21#
227.00	0.10	1.06#
0.00	0.00	0.00

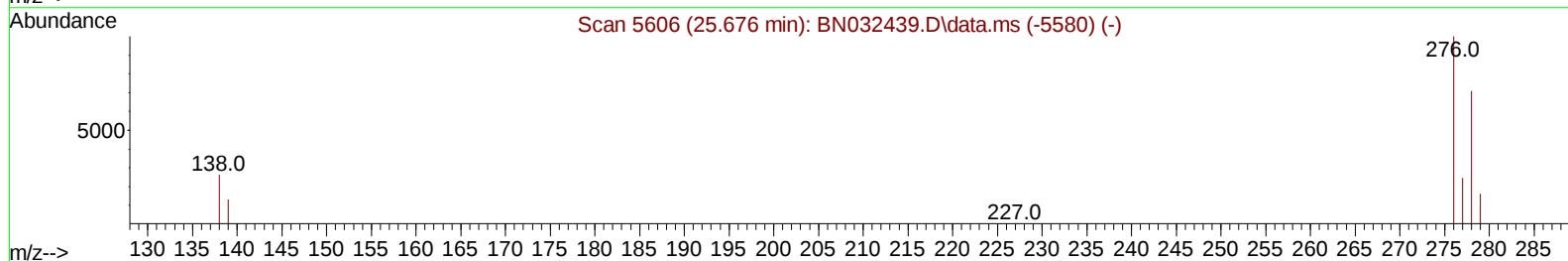
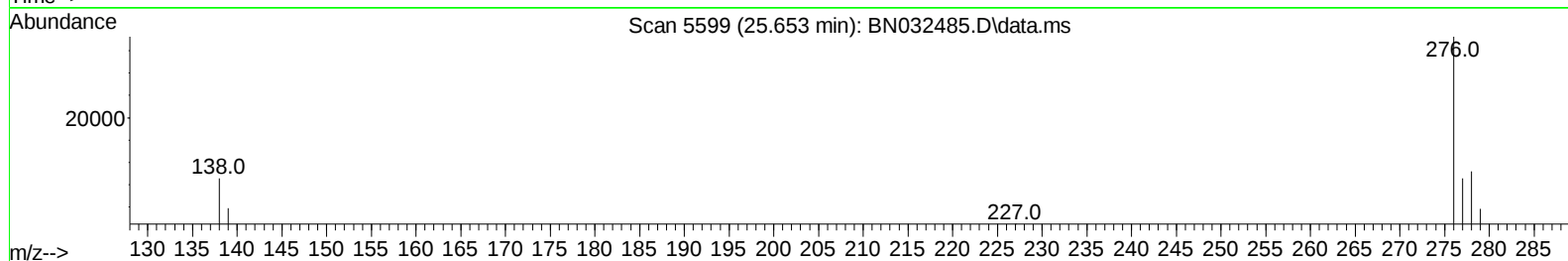
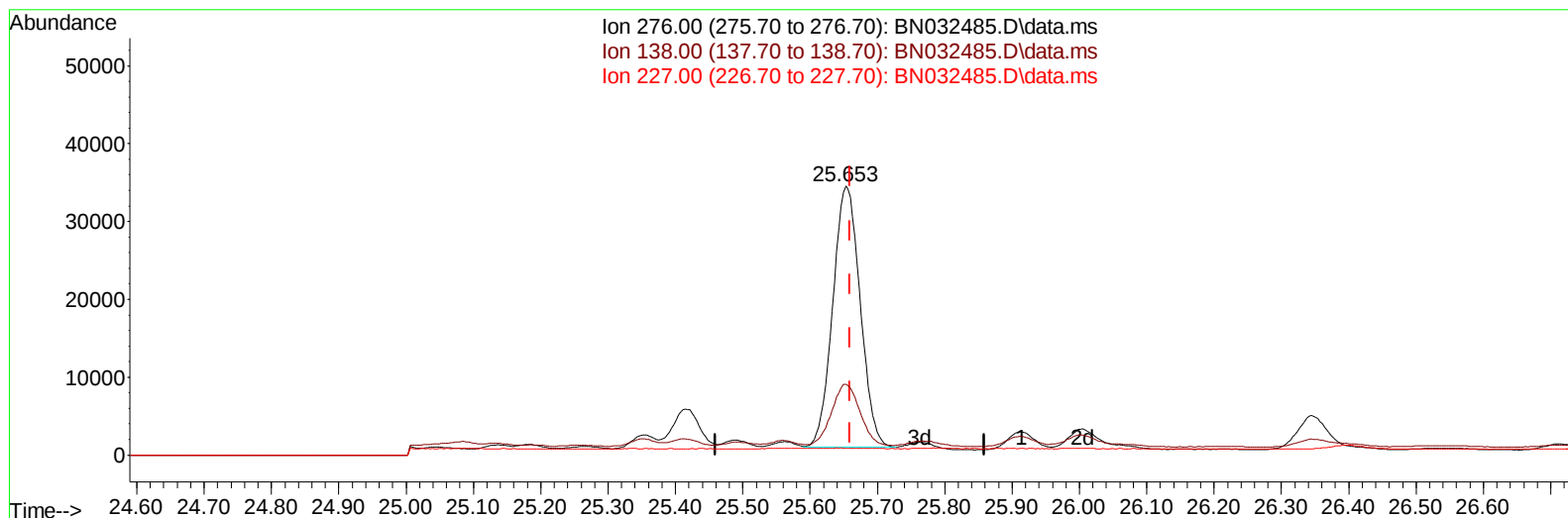
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032485.D
 Acq On : 04 Jul 2024 21:46
 Operator : MA/JU
 Sample : P3065-09
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 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 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032485.D\data.ms

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

25.653min (-0.007) 0.90 ng/ul m

response 94501

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	4.14#
227.00	0.10	0.08#
0.00	0.00	0.00

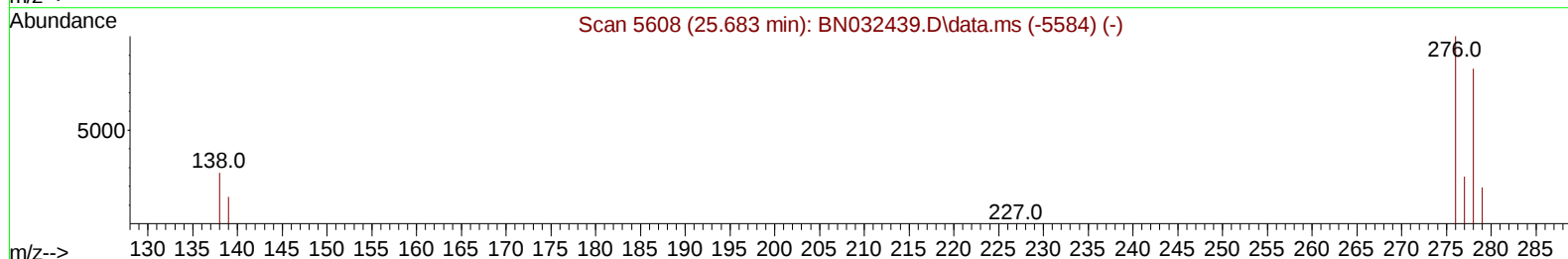
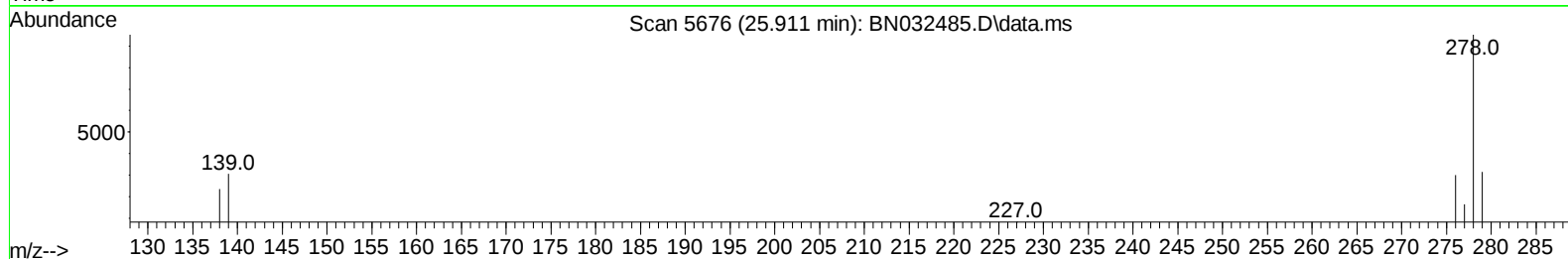
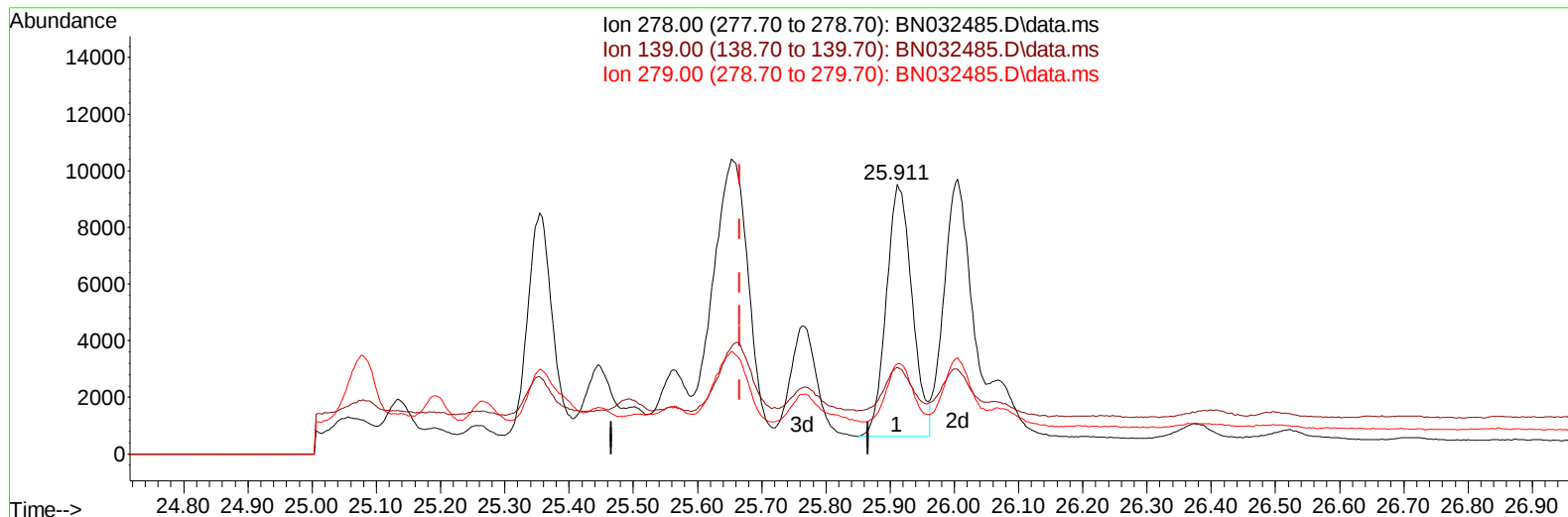
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
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TIC: BN032485.D\data.ms

(28) Dibenzo(a,h)anthracene

25.911min (+ 0.245) 0.32 ng/u1

response 24891

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	32.17#
279.00	26.40	33.35#
0.00	0.00	0.00

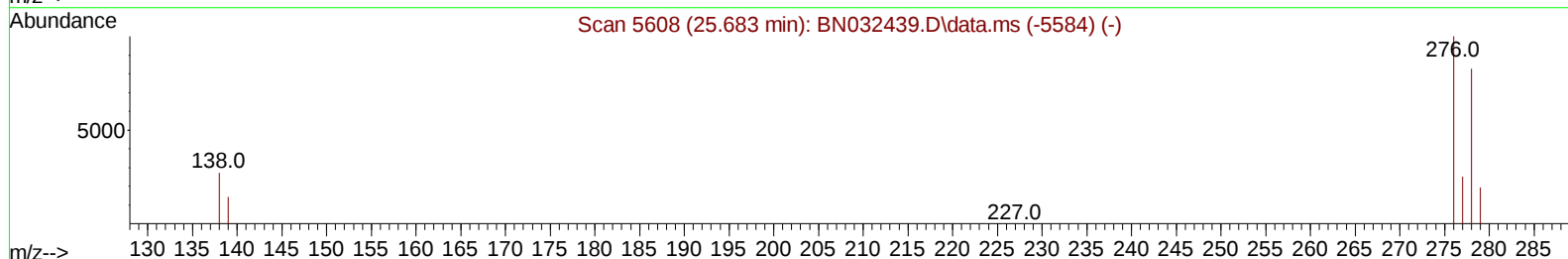
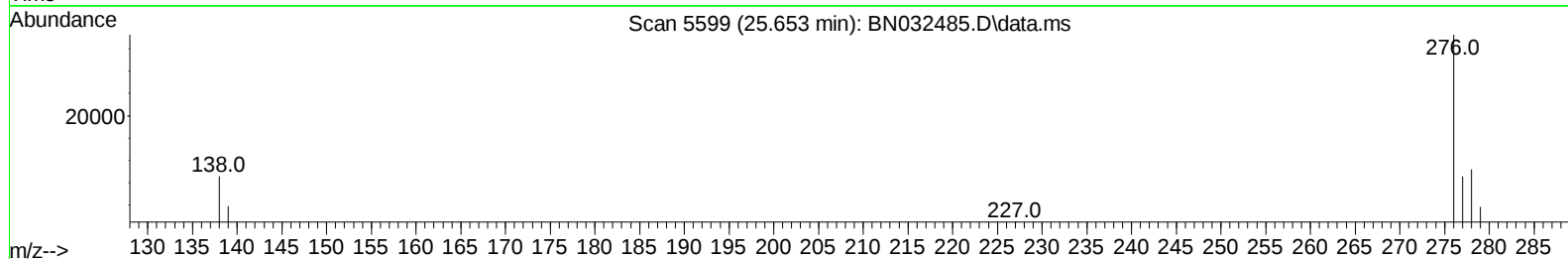
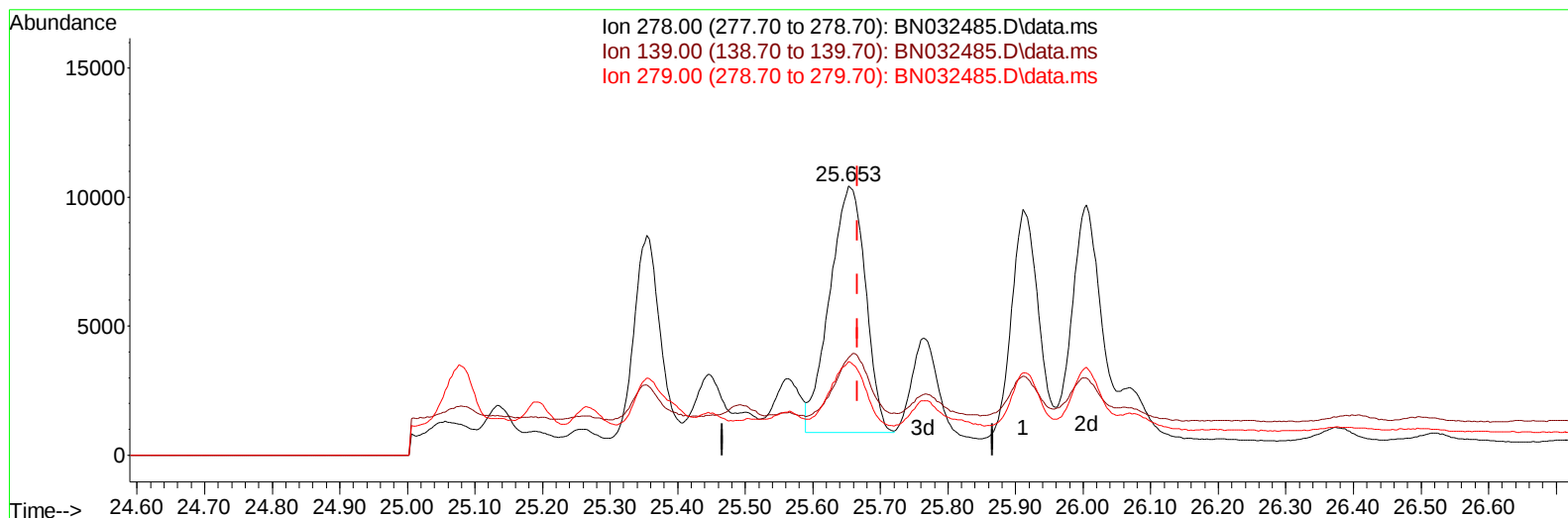
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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TIC: BN032485.D\data.ms

(28) Dibenzo(a,h)anthracene

25.653min (-0.013) 0.45 ng/ul m

response 35298

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	36.32#
279.00	26.40	34.80#
0.00	0.00	0.00

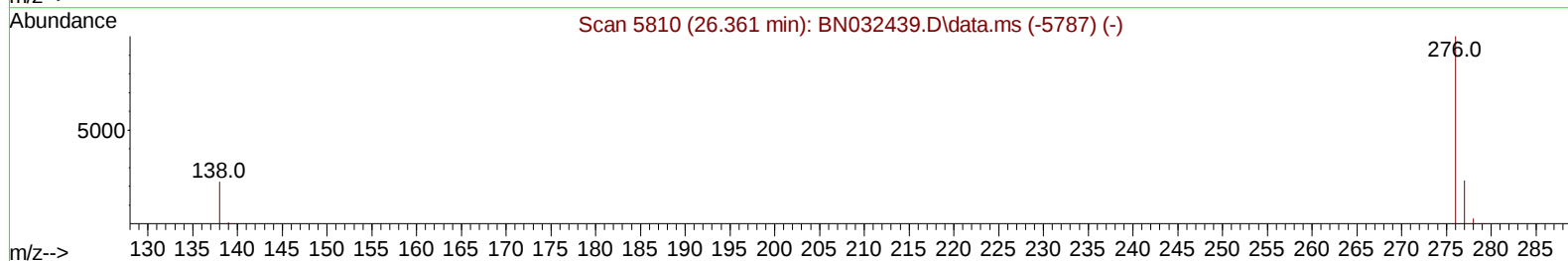
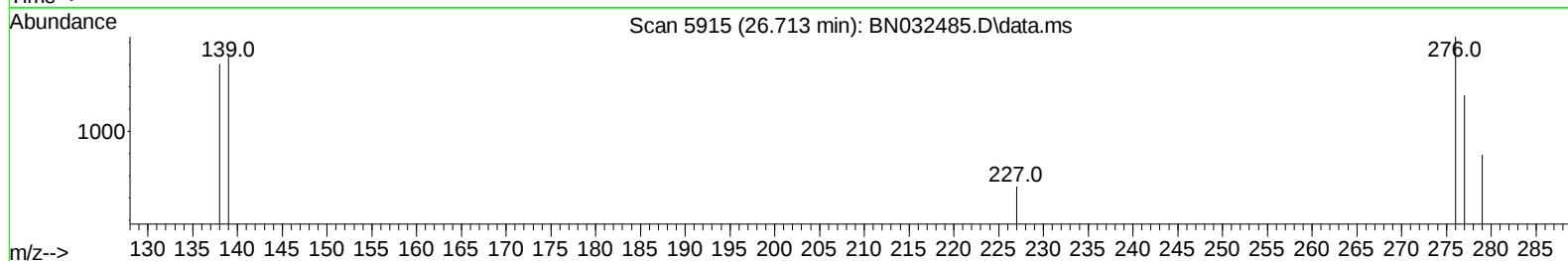
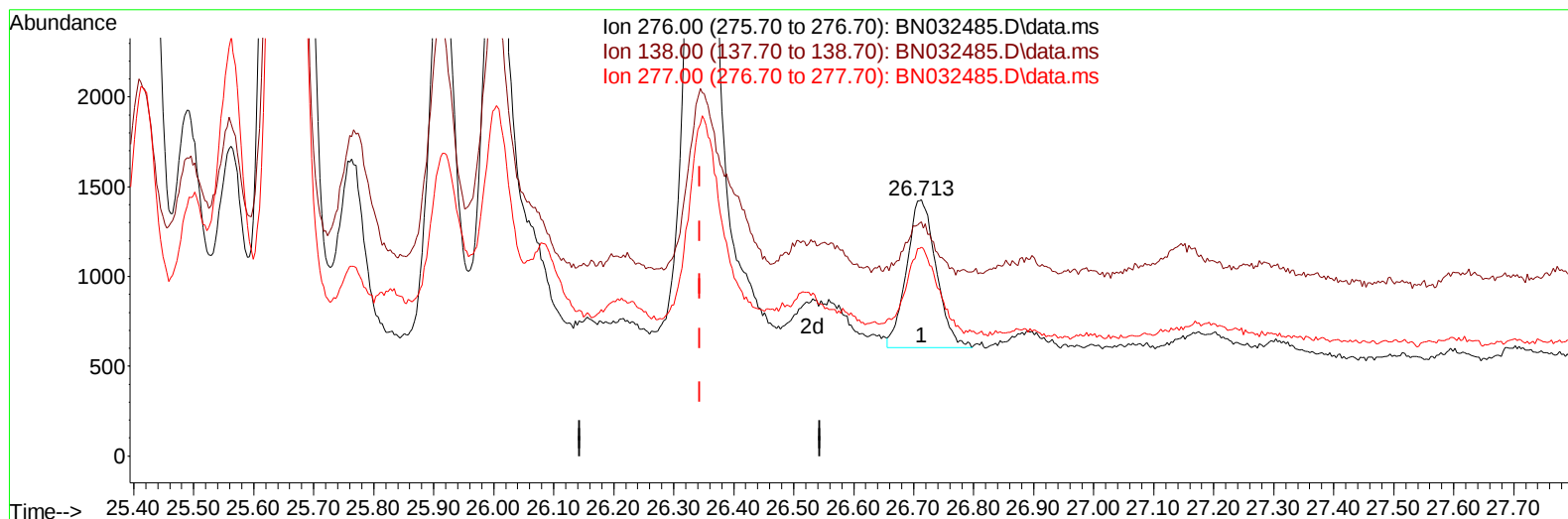
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:33 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN032485.D\data.ms

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

26.713min (+ 0.369) 0.03 ng/u1

response 2811

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	91.38#
277.00	24.70	81.50#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032485.D
 Acq On : 04 Jul 2024 21:46
 Operator : MA/JU
 Sample : P3065-09
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CD7

Manual IntegrationsAPPROVED

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

Quant Time: Jul 04 23:08:33 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	7131	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	20407	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	11258	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	21501m	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	18611m	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	22091m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	24059	3.035	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	5715	0.187	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	11106m	0.198	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	7266	0.135	ng/ul#	96
7) 2-Methylnaphthalene	12.048	142	2785	0.078	ng/ul	97
8) 1-Methylnaphthalene	12.268	142	1990	0.054	ng/ul	97
10) Acenaphthylene	13.966	152	17111	0.365	ng/ul	98
11) Acenaphthene	14.309	153	5478	0.151	ng/ul	99
12) Fluorene	15.303	166	7641	0.176	ng/ul#	98
15) Phenanthrene	17.041	178	162304m	2.753	ng/ul	
16) Anthracene	17.134	178	35526m	0.676	ng/ul	
19) Fluoranthene	19.069	202	331691m	4.680	ng/ul	
20) Pyrene	19.436	202	230582m	3.113	ng/ul	
21) Benzo(a)anthracene	21.191	228	162784m	2.423	ng/ul	
22) Chrysene	21.244	228	191173m	2.593	ng/ul	
24) Benzo(b)fluoranthene	22.757	252	276391m	2.880	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	96579m	1.036	ng/ul	
26) Benzo(a)pyrene	23.325	252	92226m	1.381	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.653	276	94501m	0.904	ng/ul	
28) Dibenzo(a,h)anthracene	25.653	278	35298m	0.454	ng/ul	
29) Benzo(g,h,i)perylene	26.344	276	14975m	0.180	ng/ul	

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

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Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual IntegrationsAPPROVED

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