

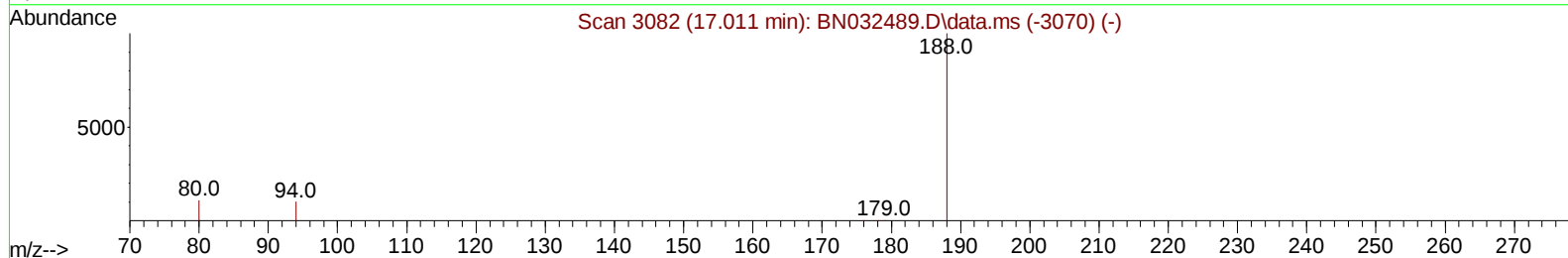
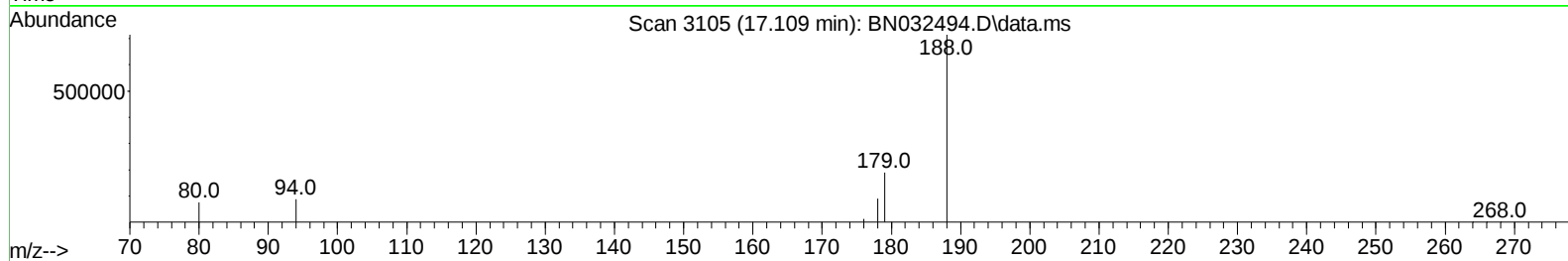
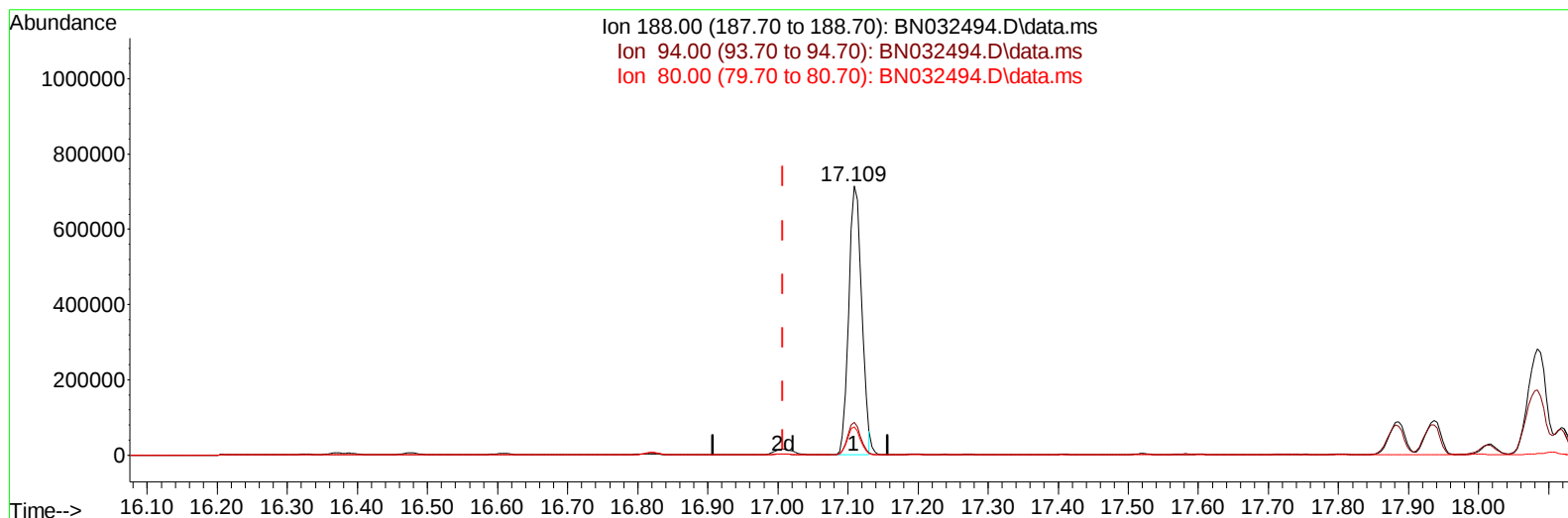
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(13) Phenanthrene-d10 (I)

17.109min (+ 0.101) 0.40 ng/u1

response 917871

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.09
80.00	10.50	10.56
0.00	0.00	0.00

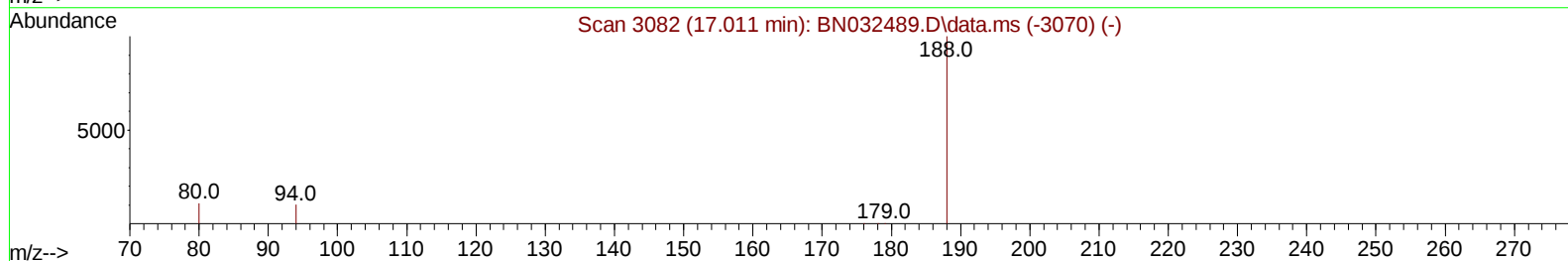
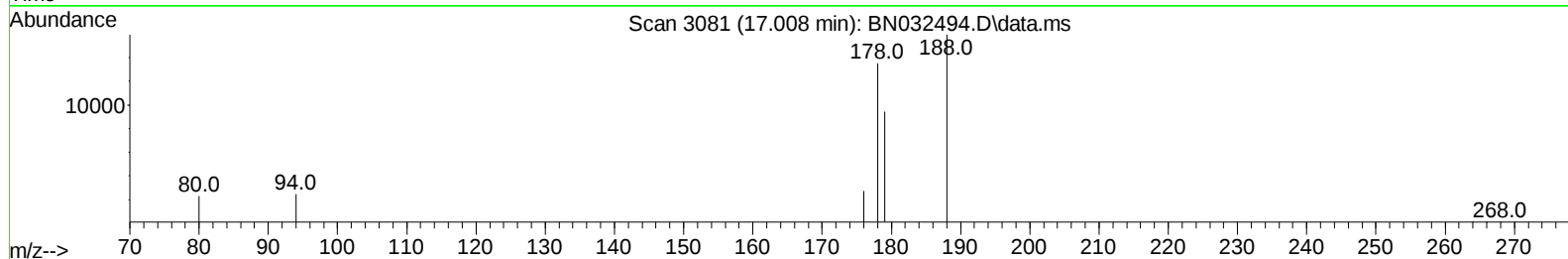
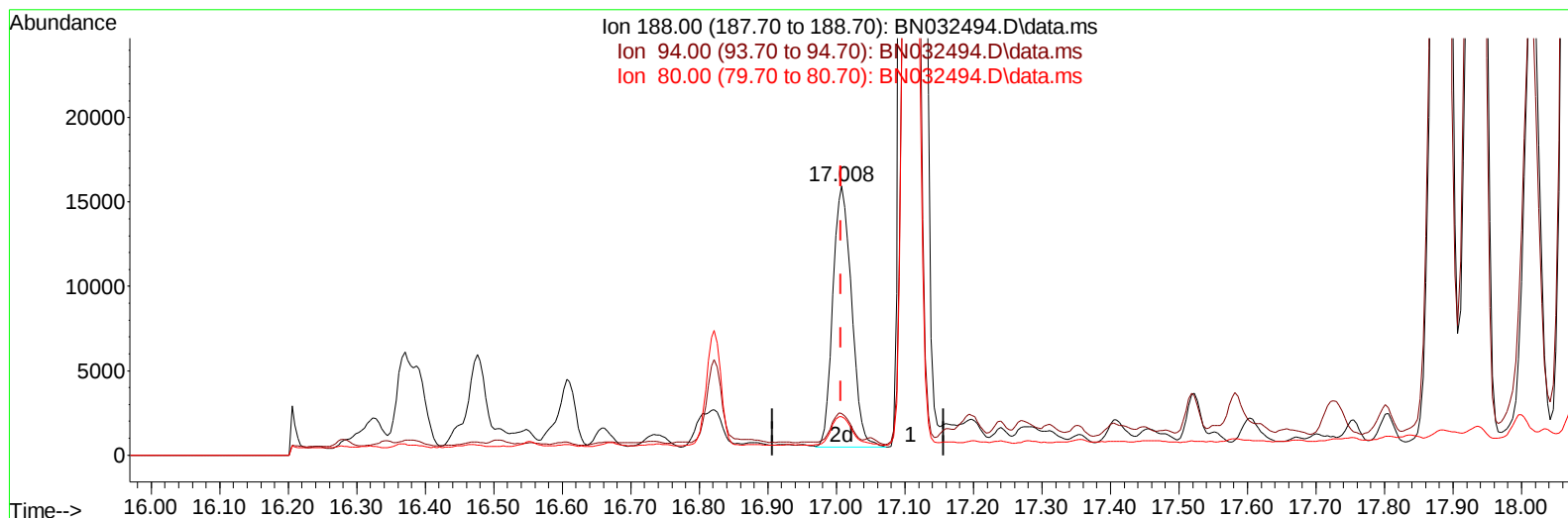
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032494.D
 Acq On : 05 Jul 2024 03:46
 Operator : MA/JU
 Sample : P2964-07
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032494.D\data.ms

(13) Phenanthrene-d10 (I)

17.008min (+ 0.000) 0.40 ng/ul m

response 29414

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	15.47#
80.00	10.50	14.35#
0.00	0.00	0.00

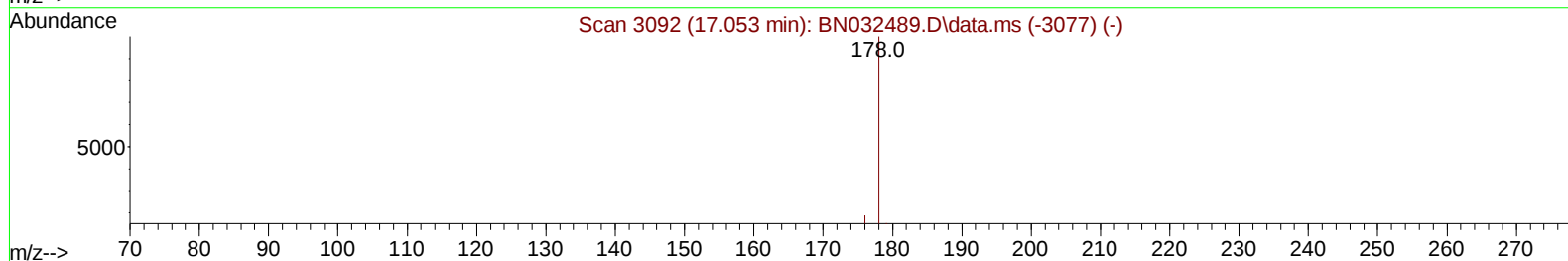
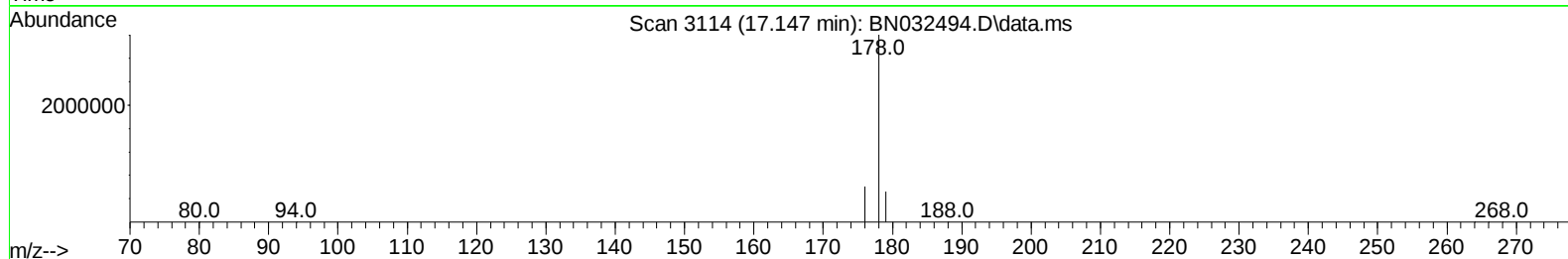
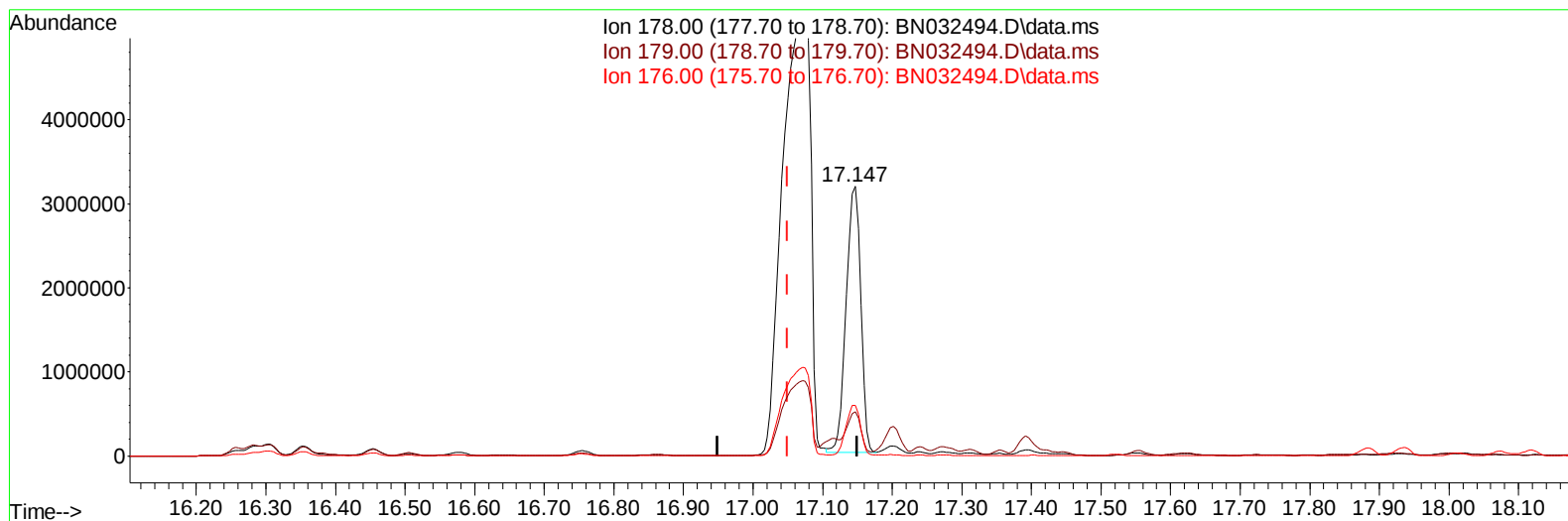
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032494.D
 Acq On : 05 Jul 2024 03:46
 Operator : MA/JU
 Sample : P2964-07
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 2024
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 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: BN032494.D\data.ms

(15) Phenanthrene

17.147min (+ 0.097) 57.17 ng/u1

response 4610202

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.30
176.00	19.50	18.88
0.00	0.00	0.00

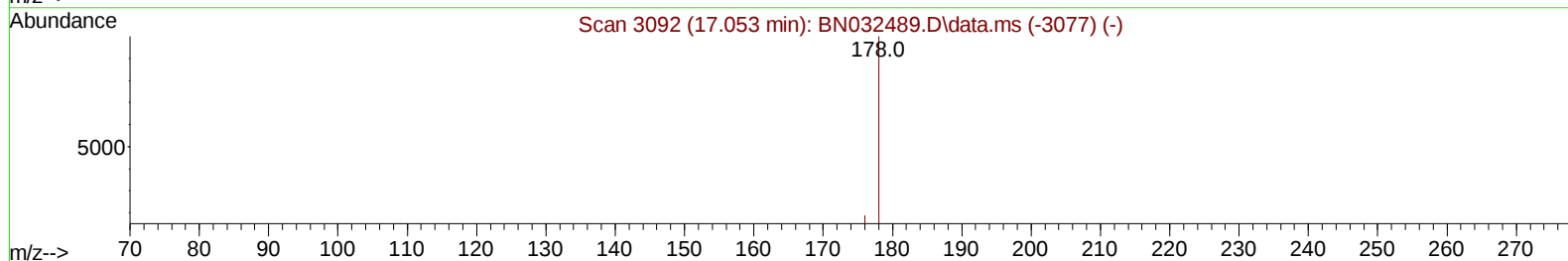
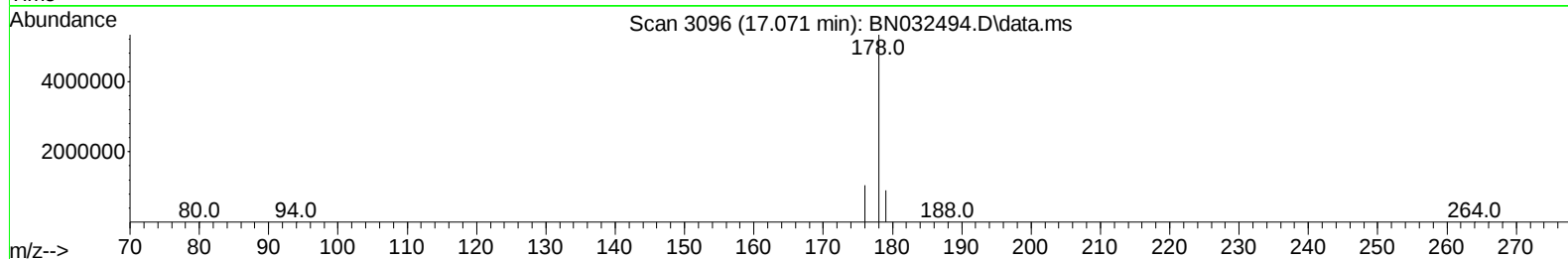
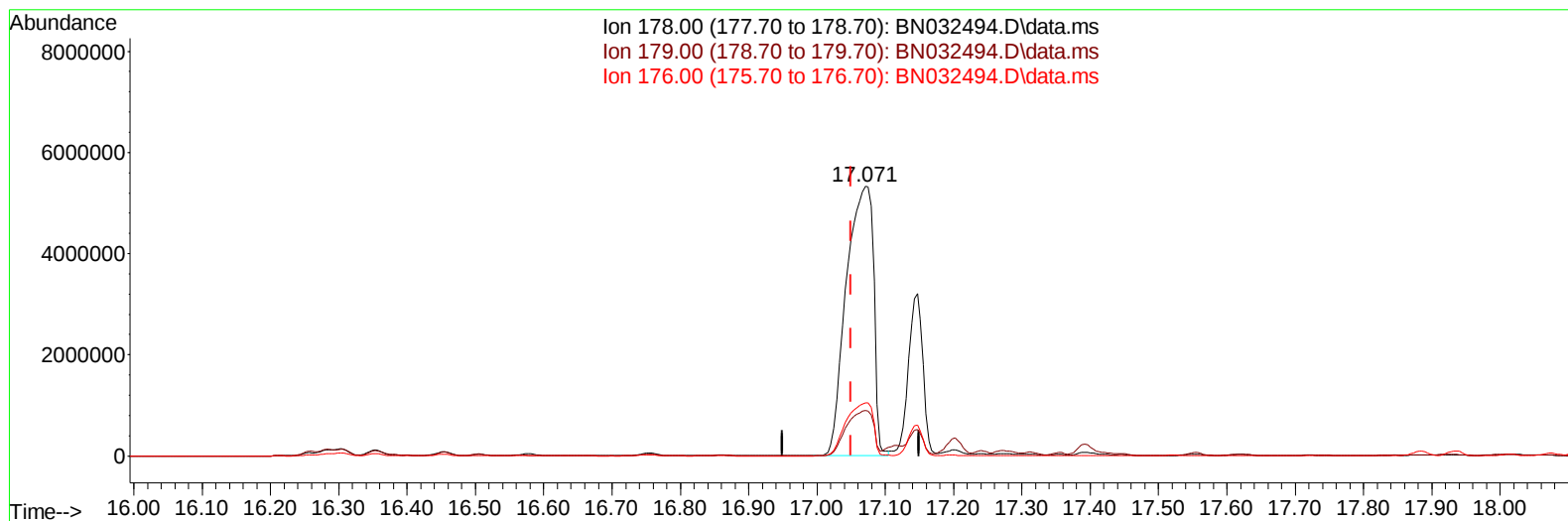
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(15) Phenanthrene

17.071min (+ 0.021) 182.43 ng/ul m

response 14711168

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.89
176.00	19.50	19.83
0.00	0.00	0.00

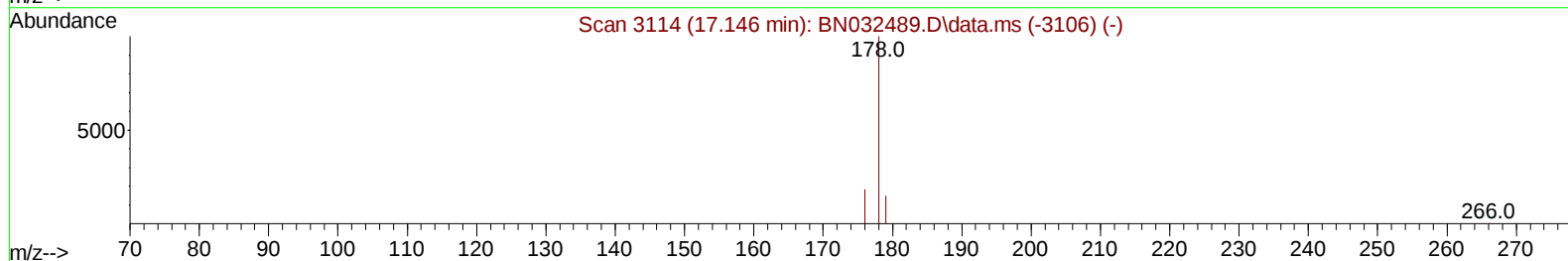
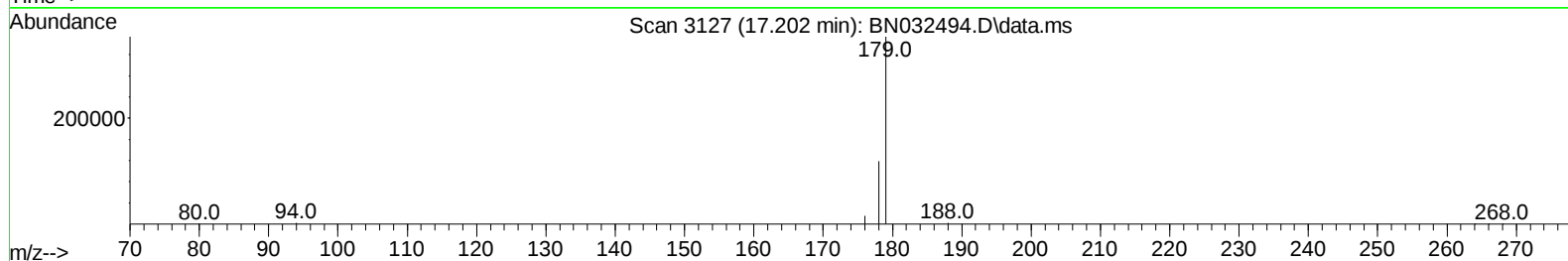
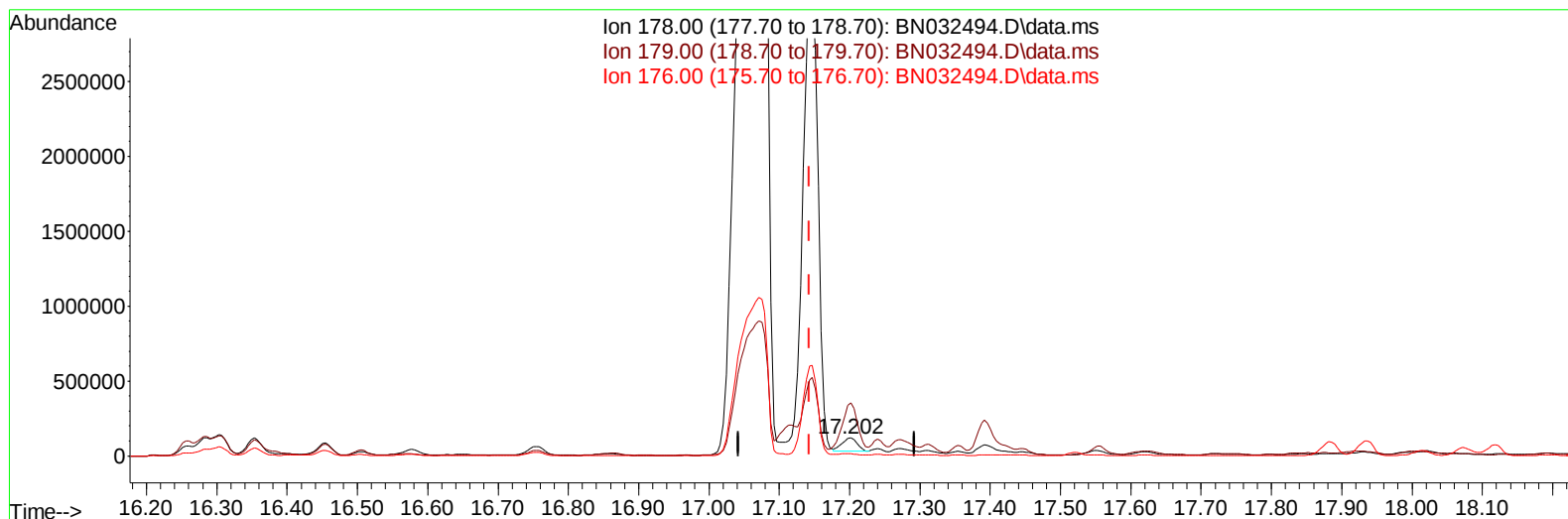
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 2024
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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: BN032494.D\data.ms

(16) Anthracene

17.202min (+ 0.059) 1.80 ng/u1

response 129538

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	296.74#
176.00	18.80	12.96#
0.00	0.00	0.00

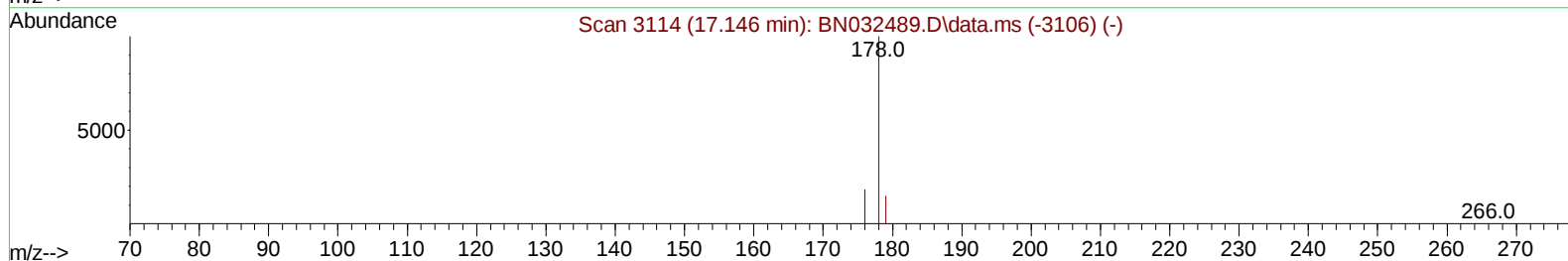
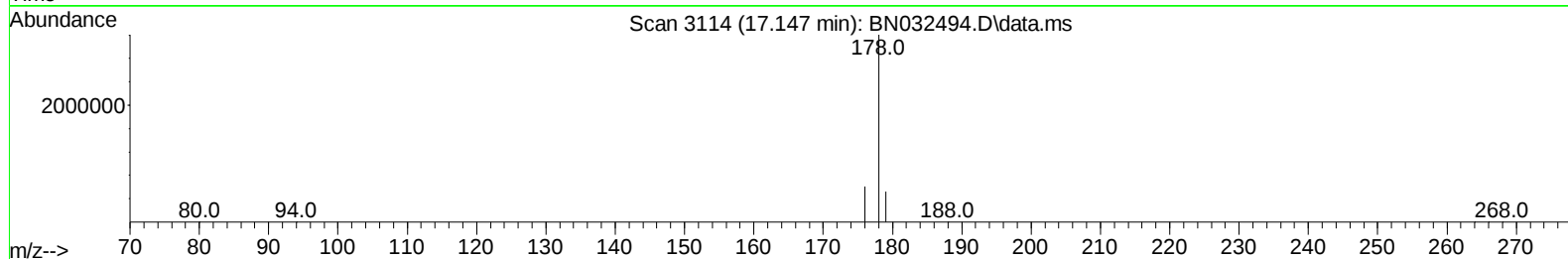
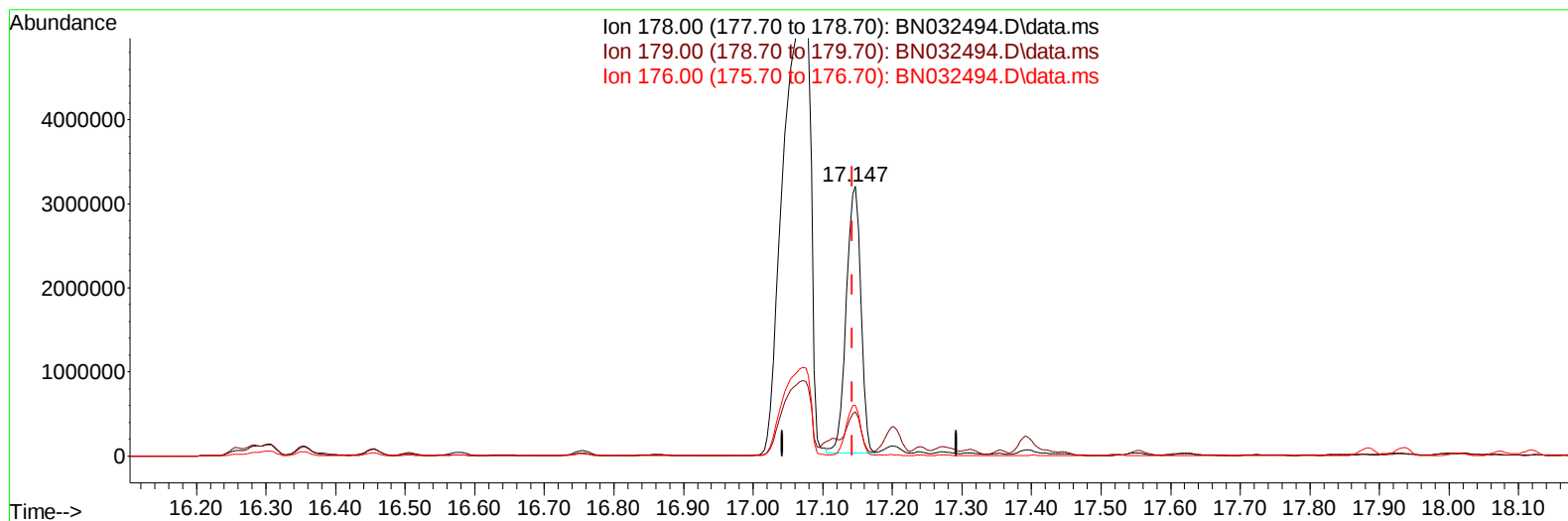
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Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(16) Anthracene

17.147min (+ 0.004) 64.95 ng/ul m

response 4671563

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.30
176.00	18.80	18.88
0.00	0.00	0.00

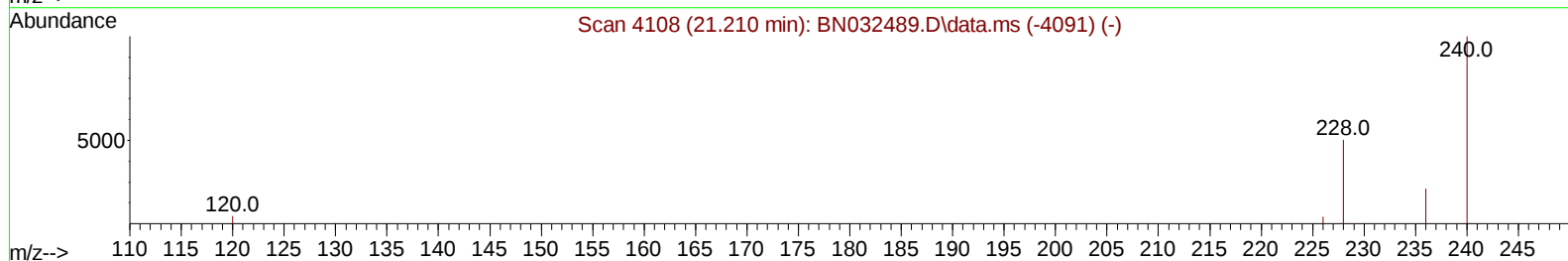
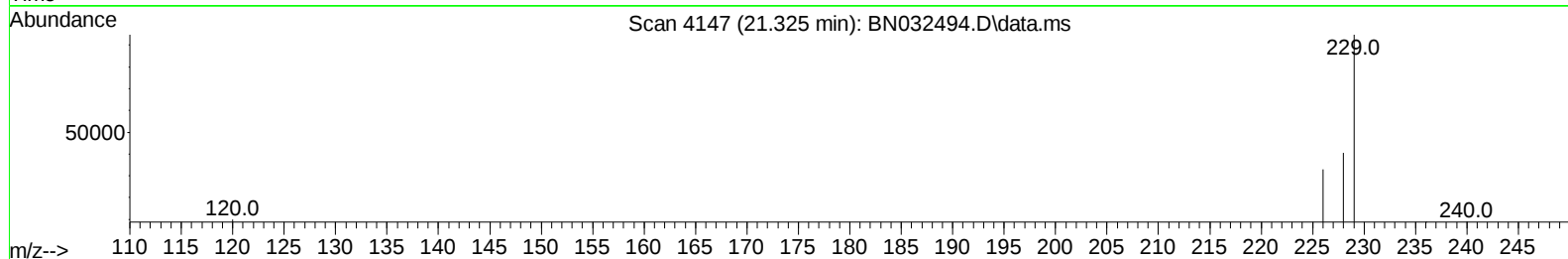
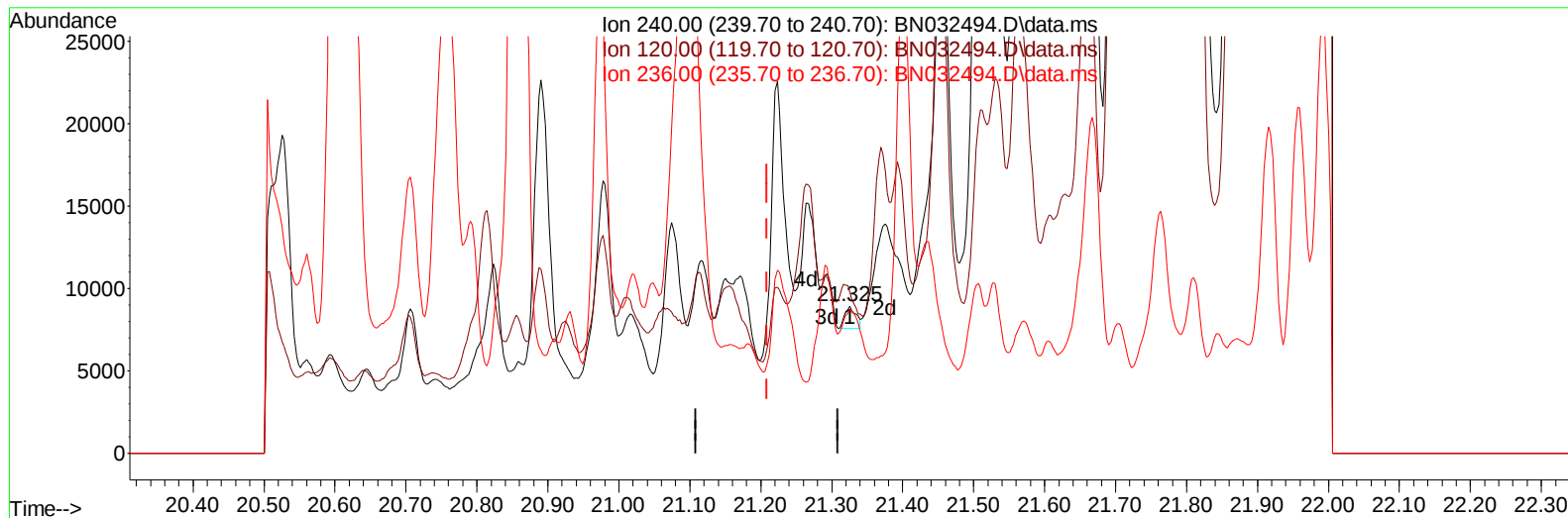
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(17) Chrysene-d12

21.325min (+ 0.117) 0.40 ng/u1

response 1531

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	109.18#
236.00	28.40	97.56#
0.00	0.00	0.00

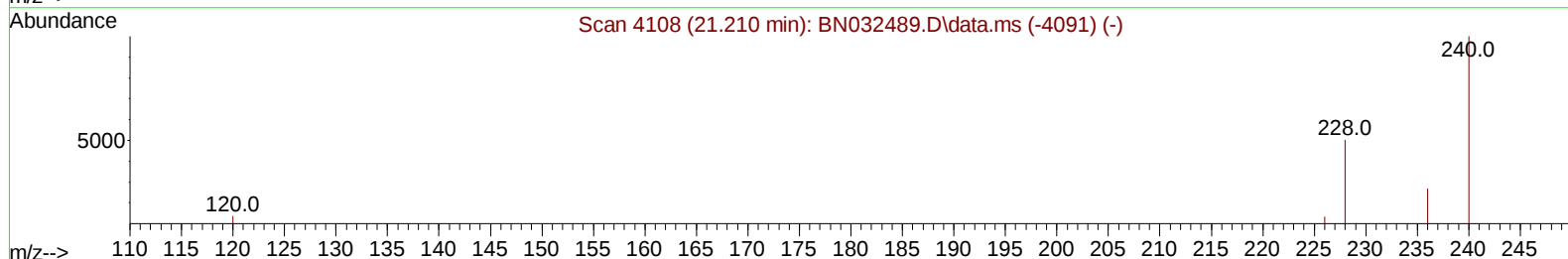
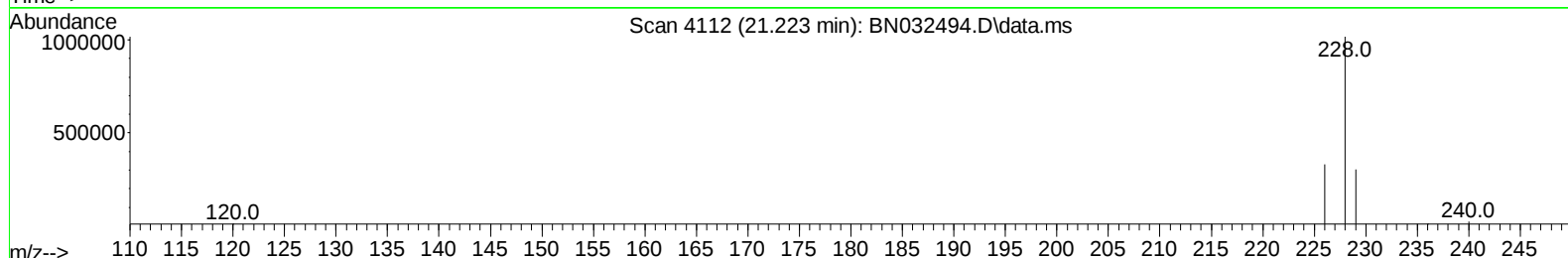
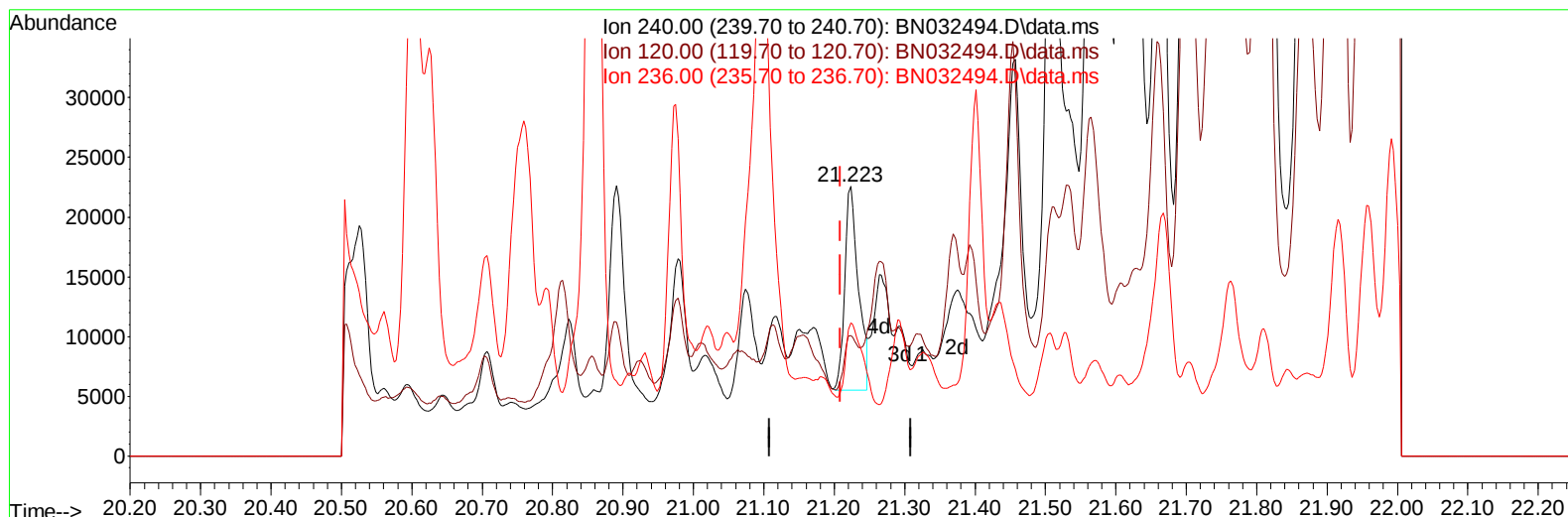
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(17) Chrysene-d12

21.223min (+ 0.015) 0.40 ng/ul m

response 23132

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	44.62#
236.00	28.40	49.29#
0.00	0.00	0.00

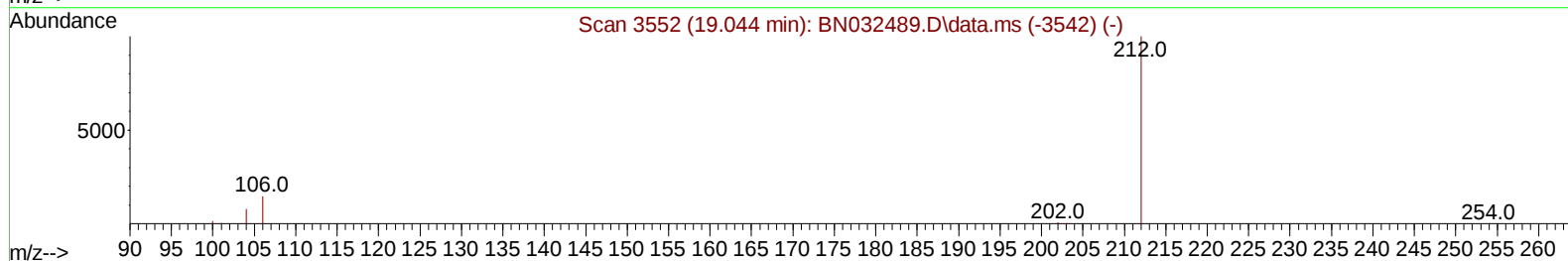
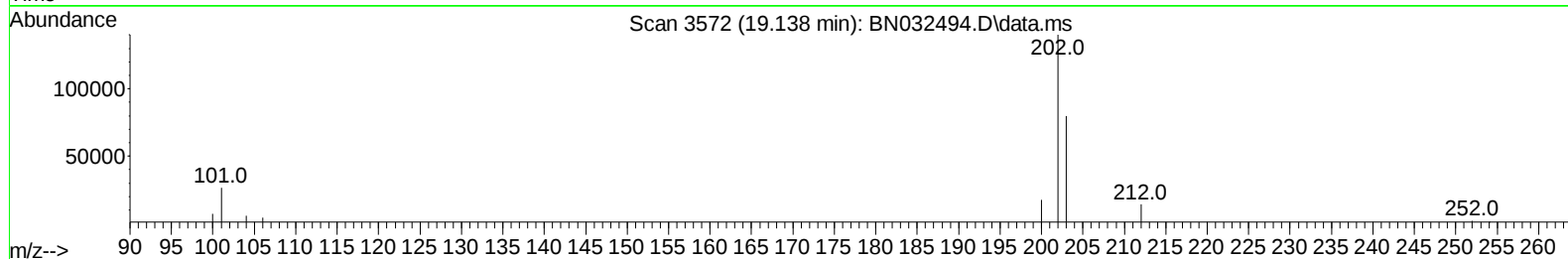
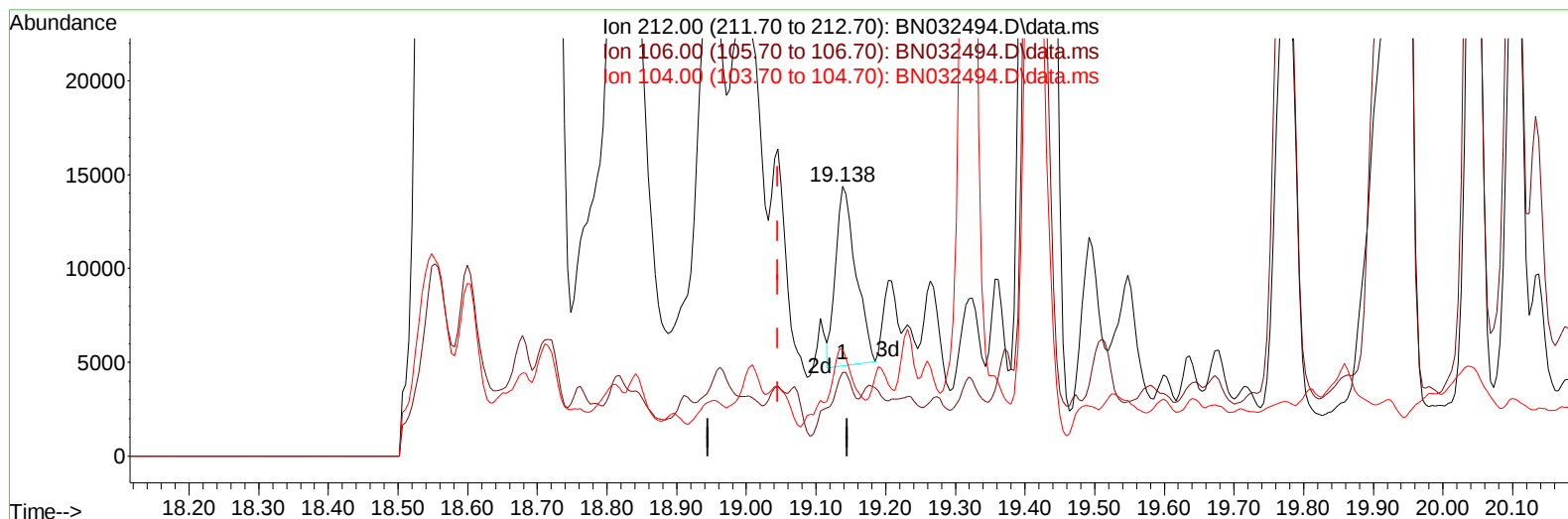
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 2024
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TIC: BN032494.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.138min (+ 0.093) 0.27 ng/u1

response 19134

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	44.03#
104.00	8.40	58.09#
0.00	0.00	0.00

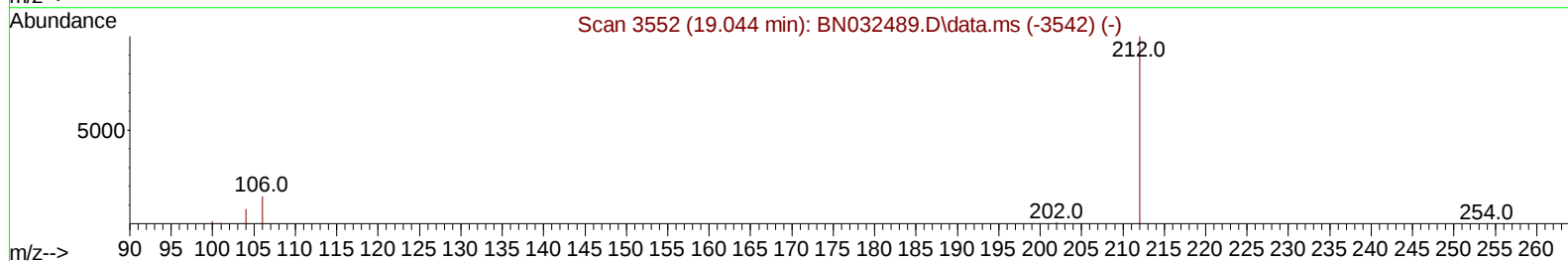
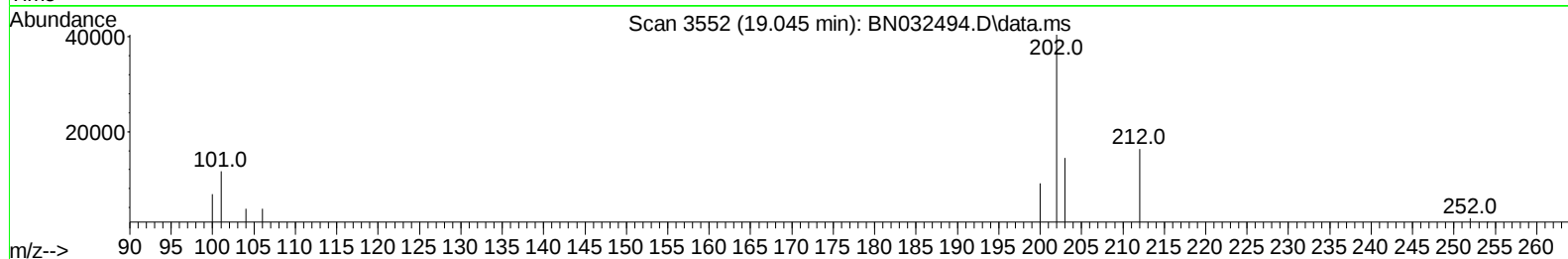
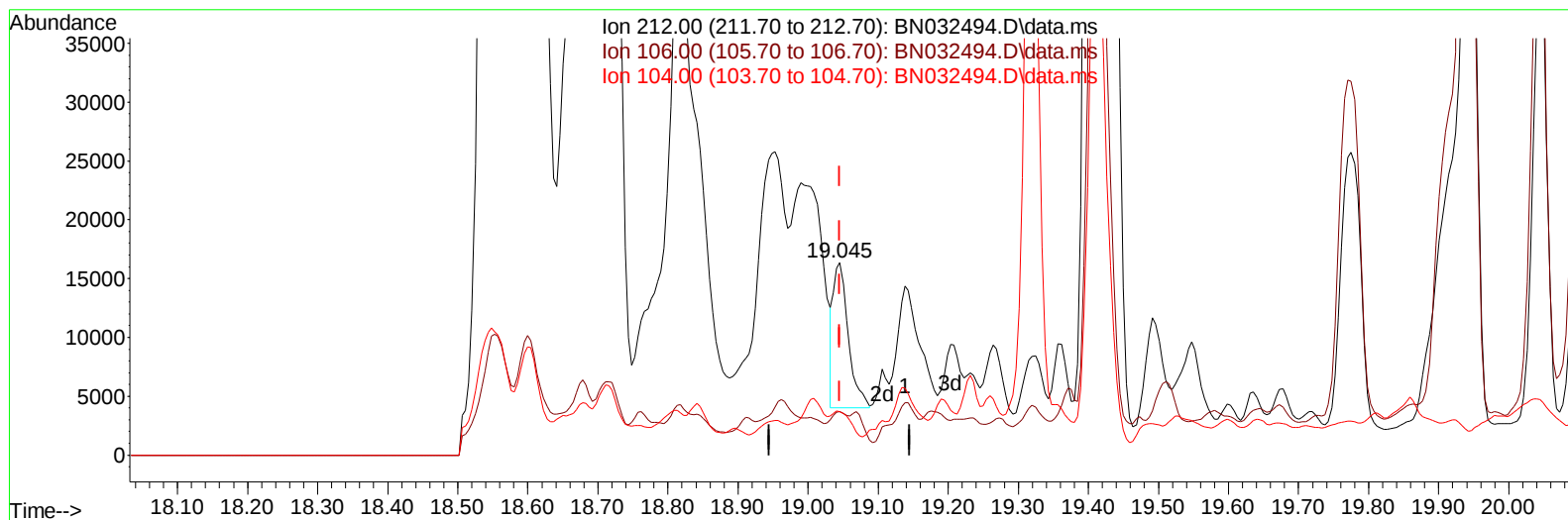
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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
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TIC: BN032494.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.045min (+ 0.000) 0.26 ng/ul m

response 18157

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	46.40#
104.00	8.40	61.21#
0.00	0.00	0.00

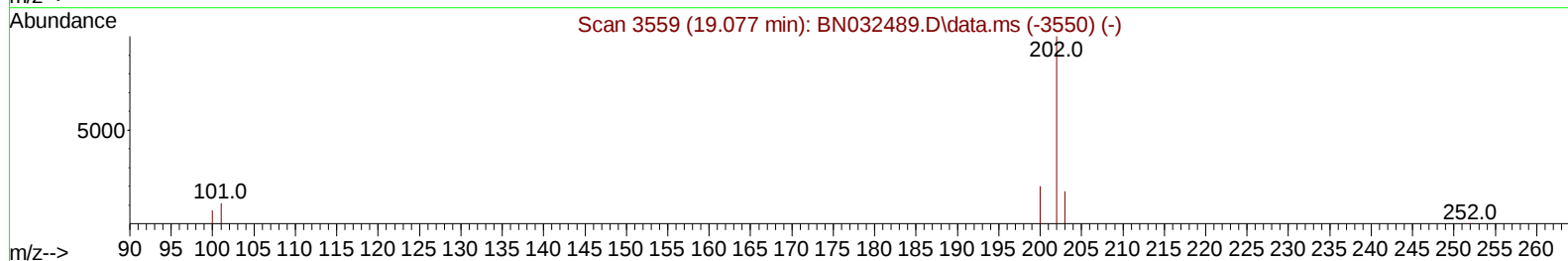
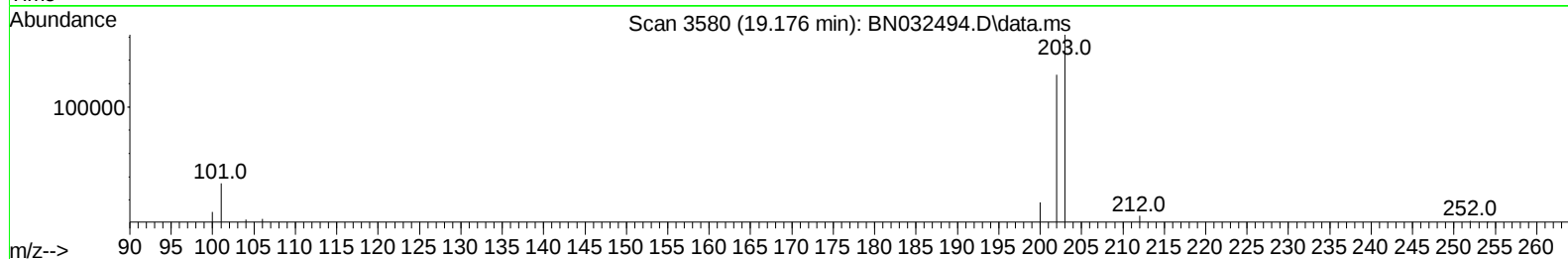
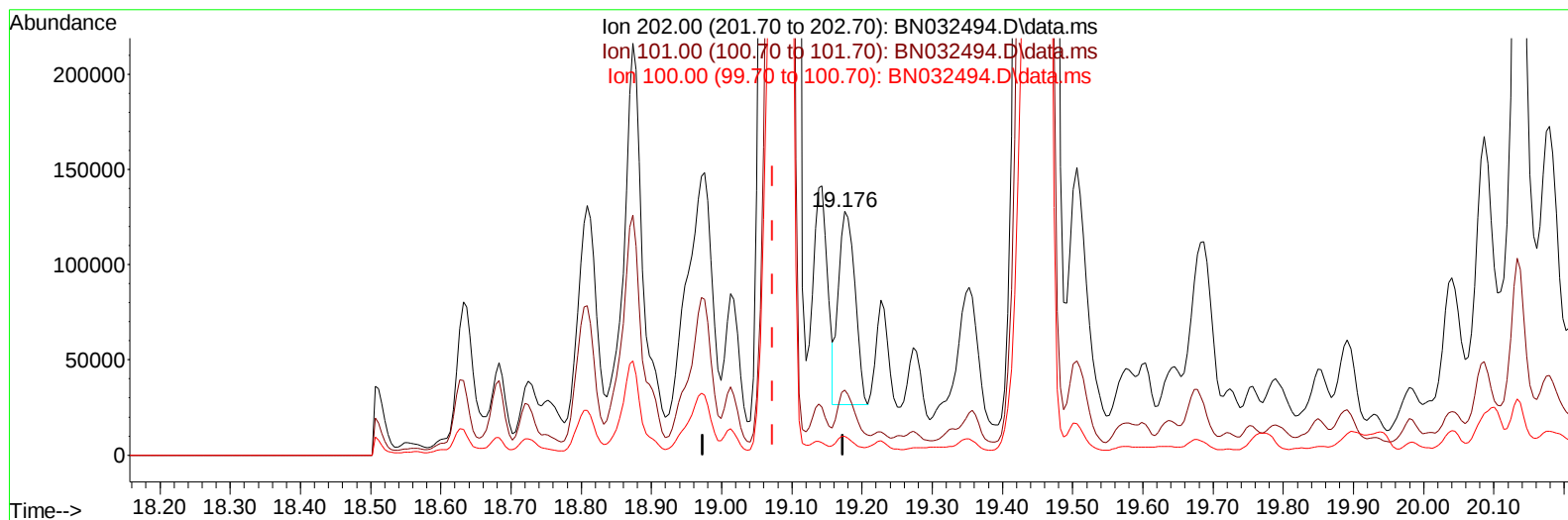
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

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TIC: BN032494.D\data.ms

(19) Fluoranthene (C)

19.176min (+ 0.102) 1.88 ng/u1

response 165912

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	26.81#
100.00	8.00	7.77
0.00	0.00	0.00

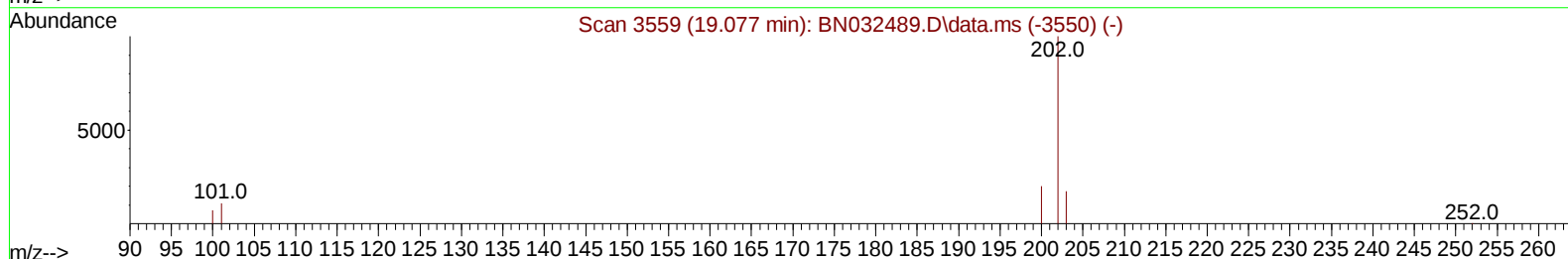
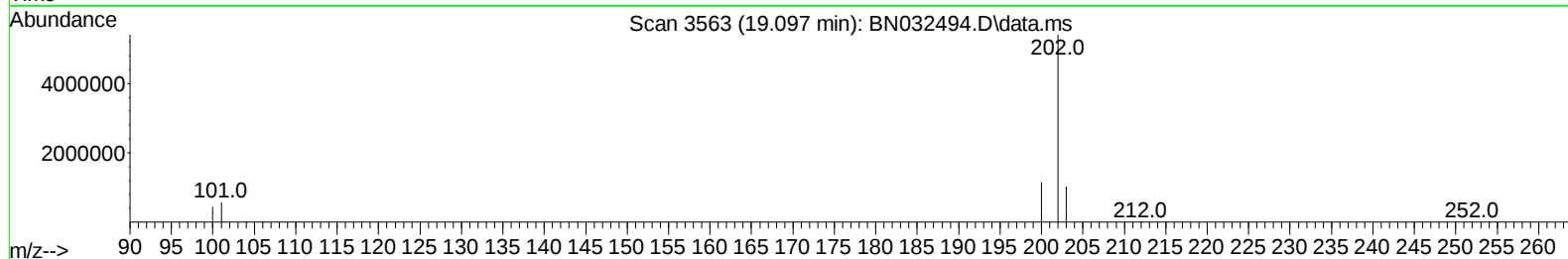
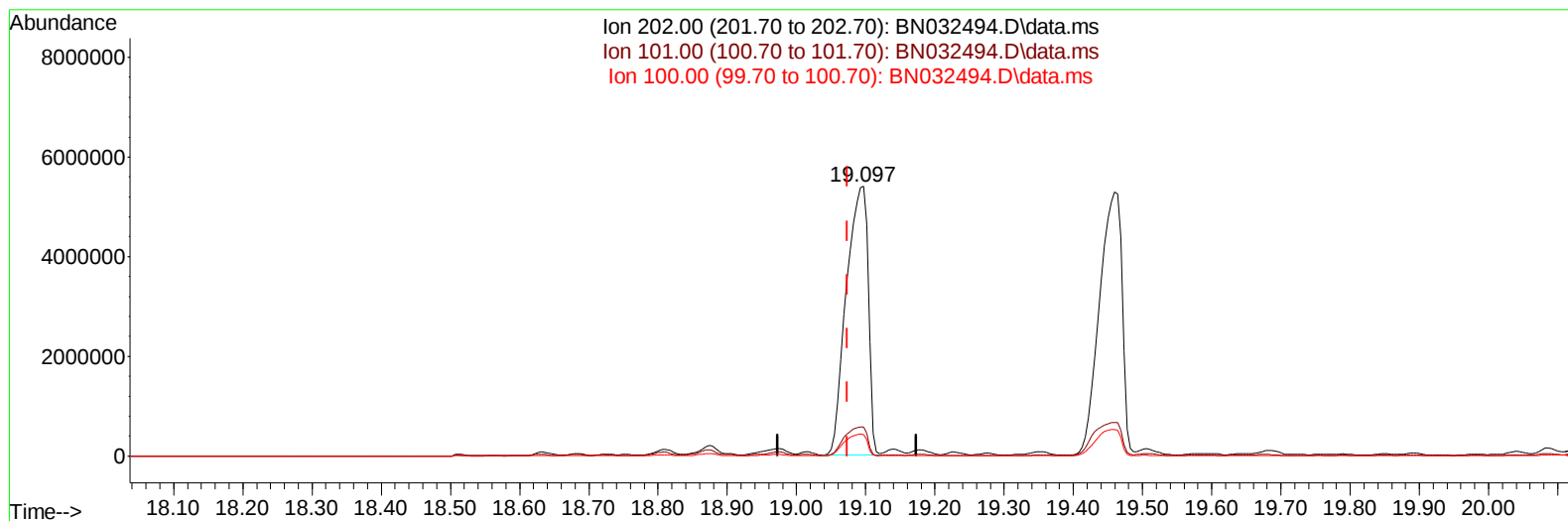
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032494.D\data.ms

(19) Fluoranthene (C)

19.097min (+ 0.023) 132.90 ng/ul m

response 11706727

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	10.66
100.00	8.00	8.03
0.00	0.00	0.00

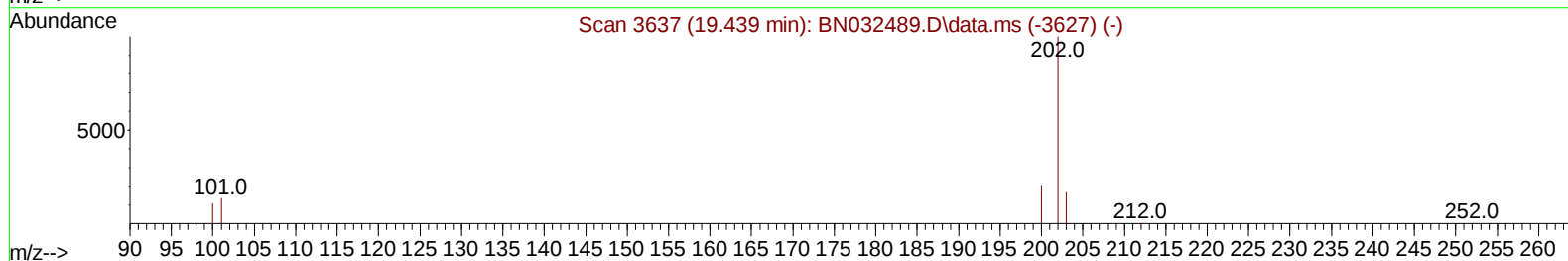
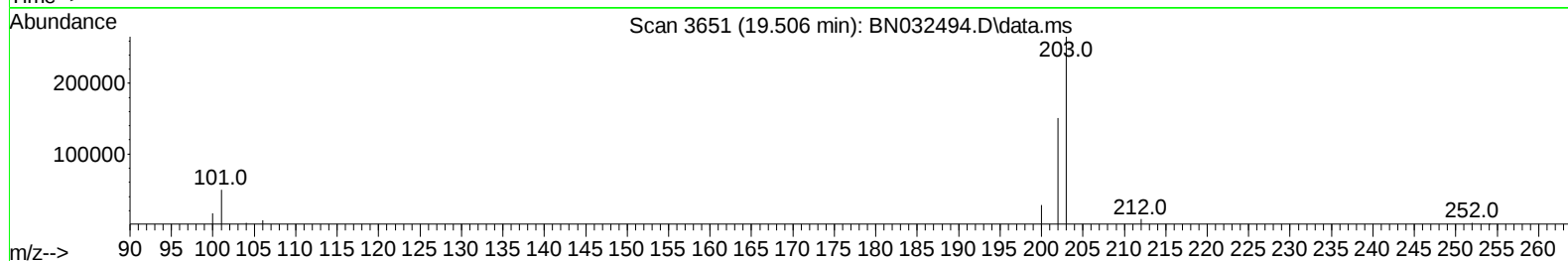
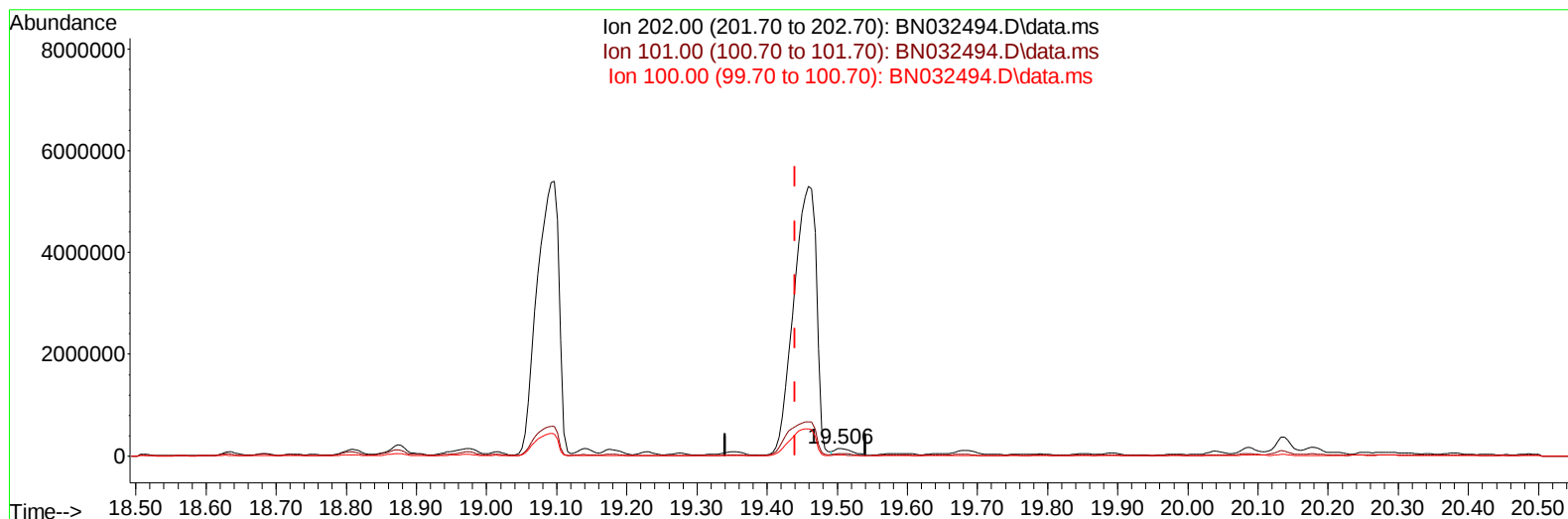
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 2024
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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032494.D\data.ms

(20) Pyrene

19.506min (+ 0.065) 2.21 ng/u1

response 203530

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	32.79#
100.00	10.90	10.86
0.00	0.00	0.00

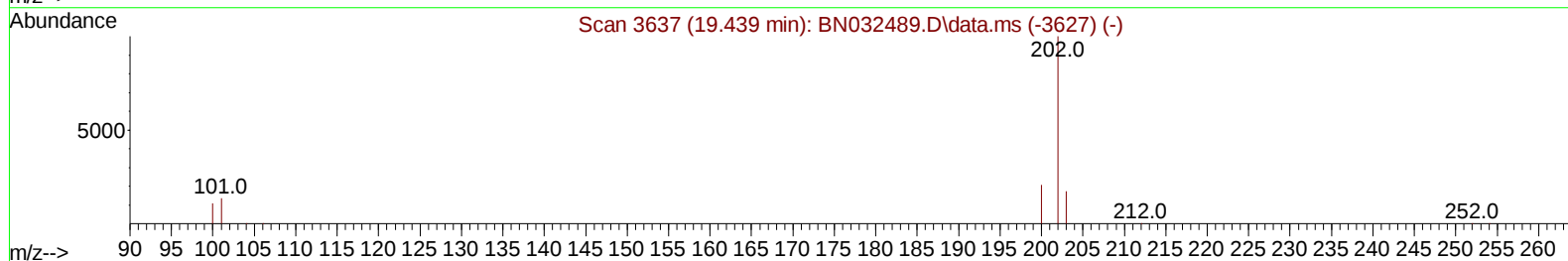
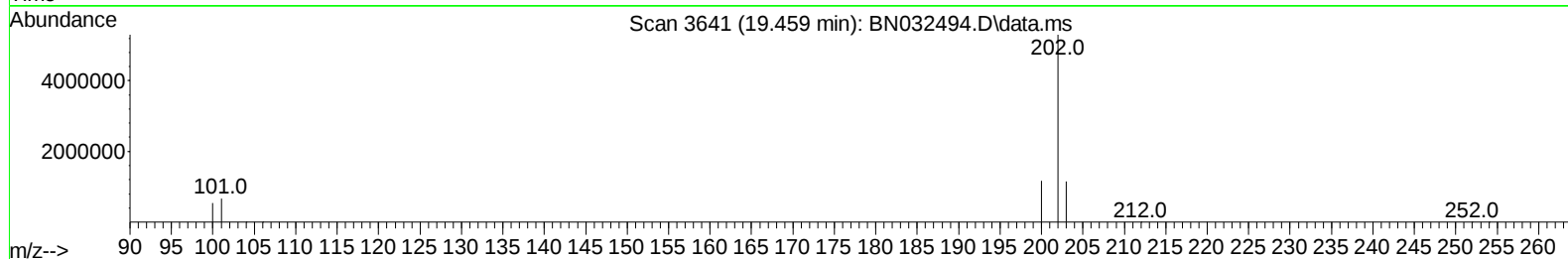
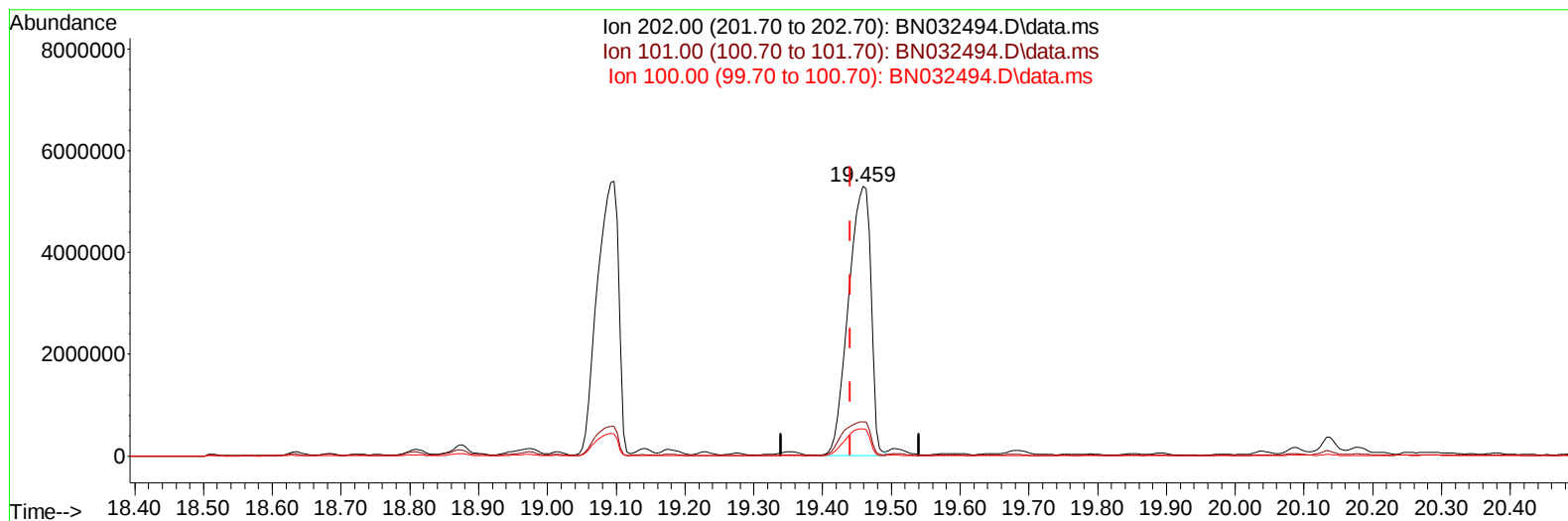
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(20) Pyrene

19.459min (+ 0.019) 130.17 ng/ul m

response 11982021

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.73
100.00	10.90	10.11
0.00	0.00	0.00

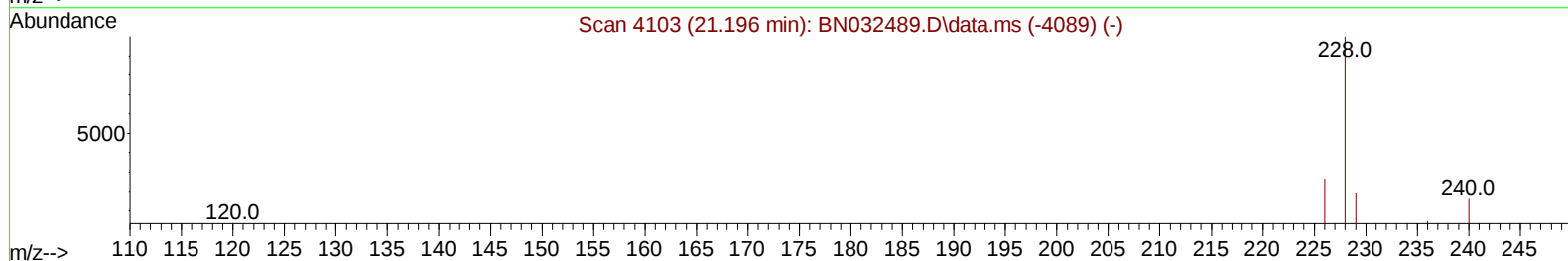
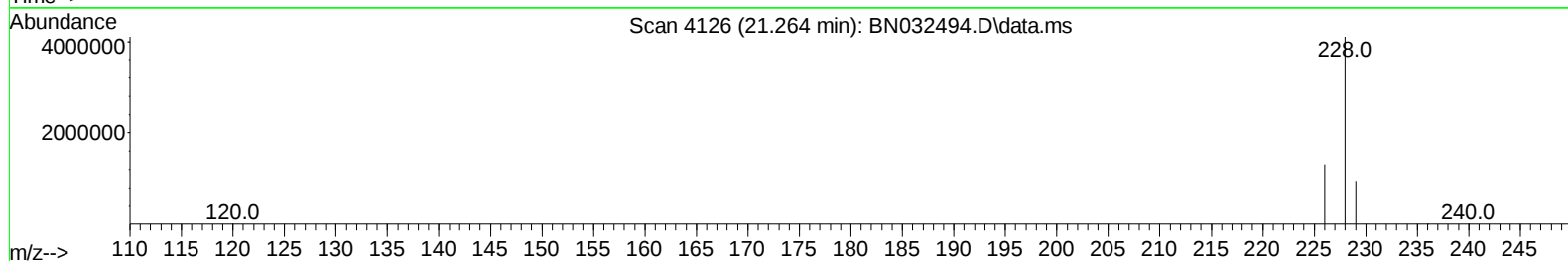
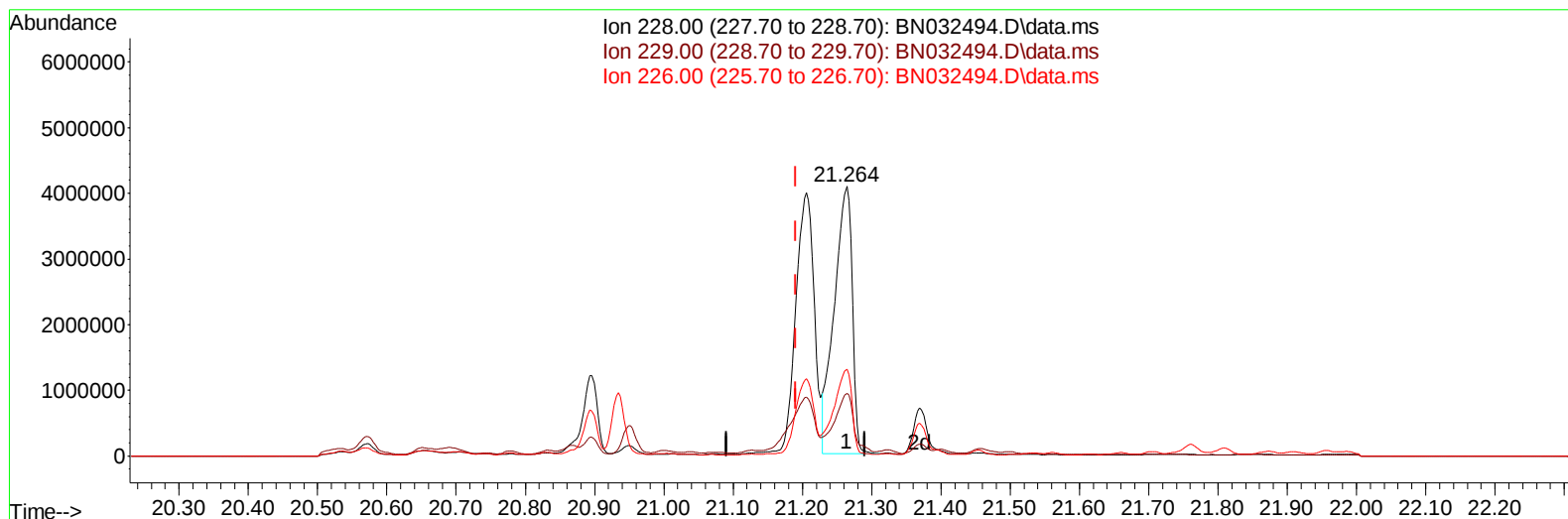
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(21) Benzo(a)anthracene

21.264min (+ 0.073) 88.16 ng/u1

response 7360646

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	23.30
226.00	27.30	32.09
0.00	0.00	0.00

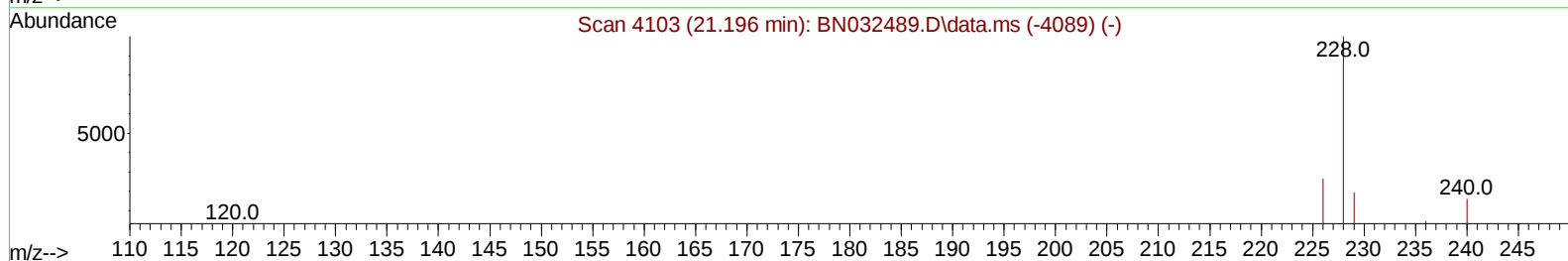
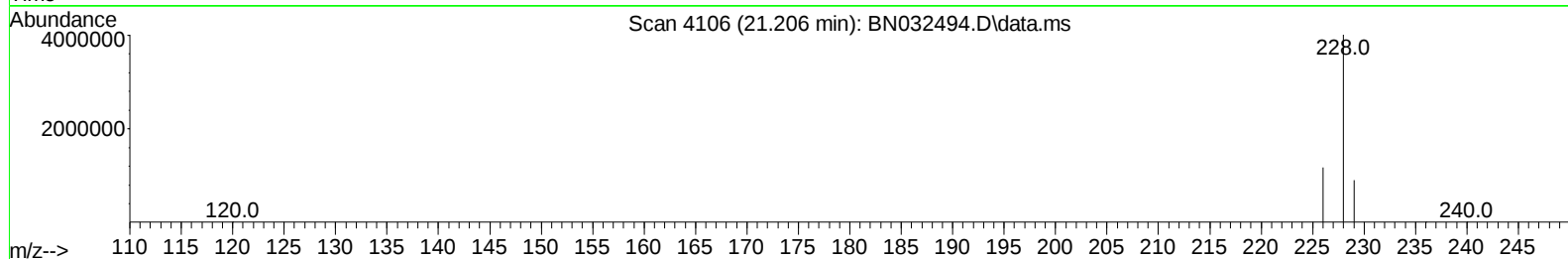
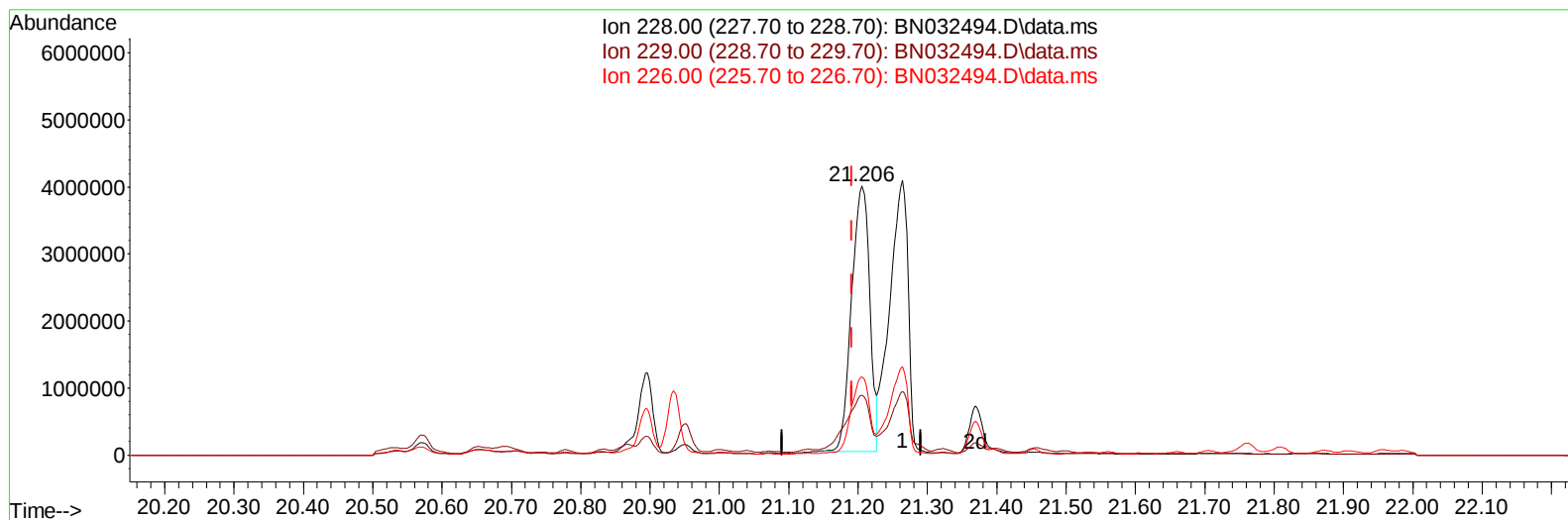
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(21) Benzo(a)anthracene

21.206min (+ 0.015) 86.51 ng/ul m

response 7222424

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.35
226.00	27.30	29.22
0.00	0.00	0.00

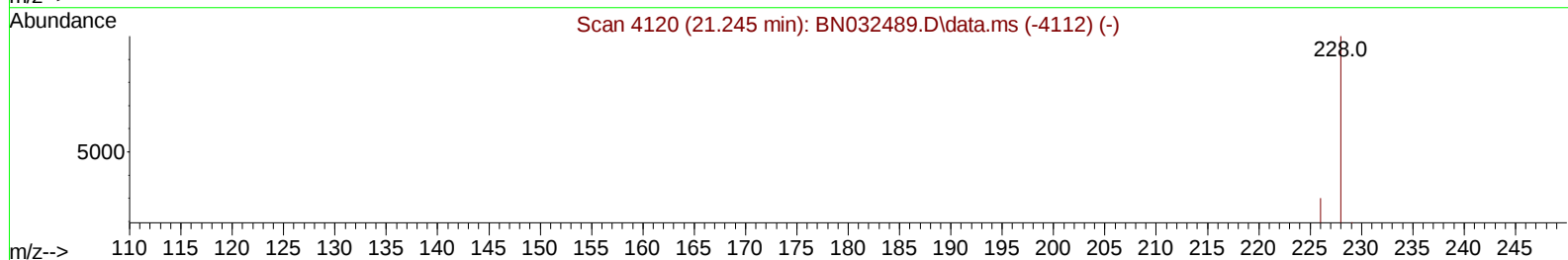
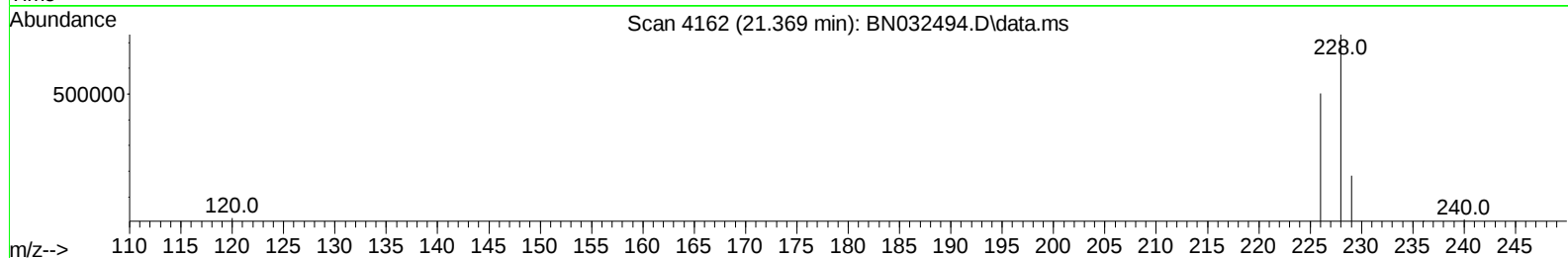
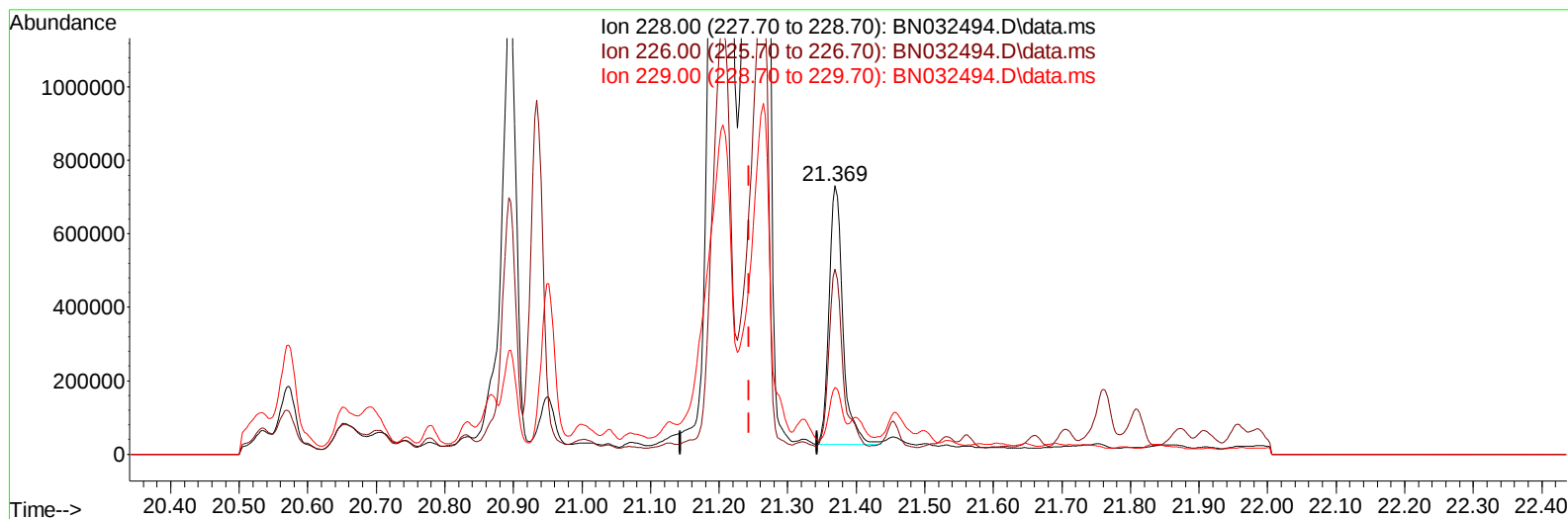
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(22) Chrysene

21.369min (+ 0.126) 10.82 ng/ul

response 991690

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	68.86#
229.00	19.60	24.88#
0.00	0.00	0.00

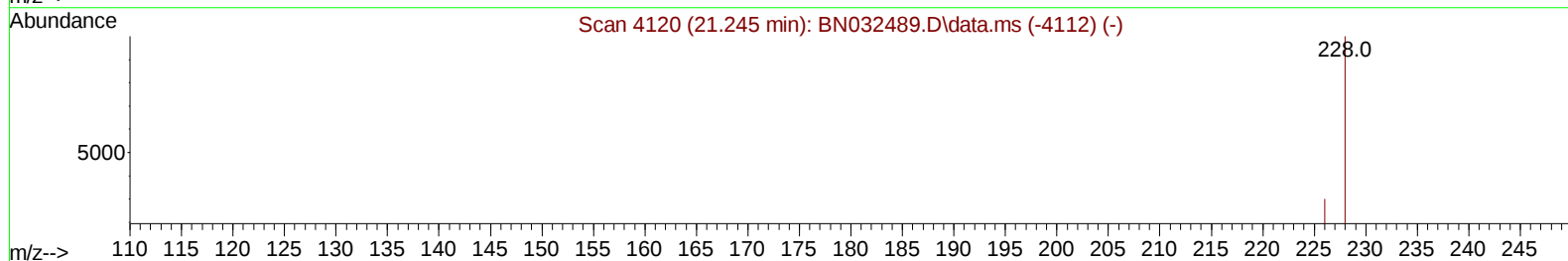
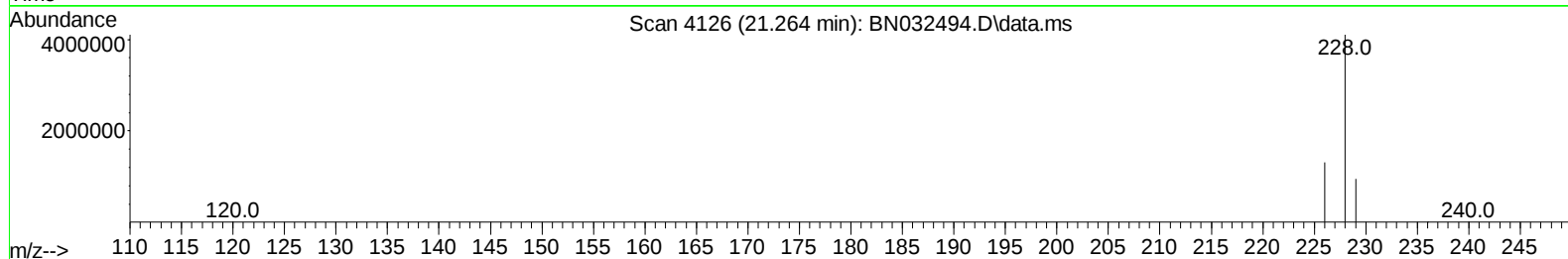
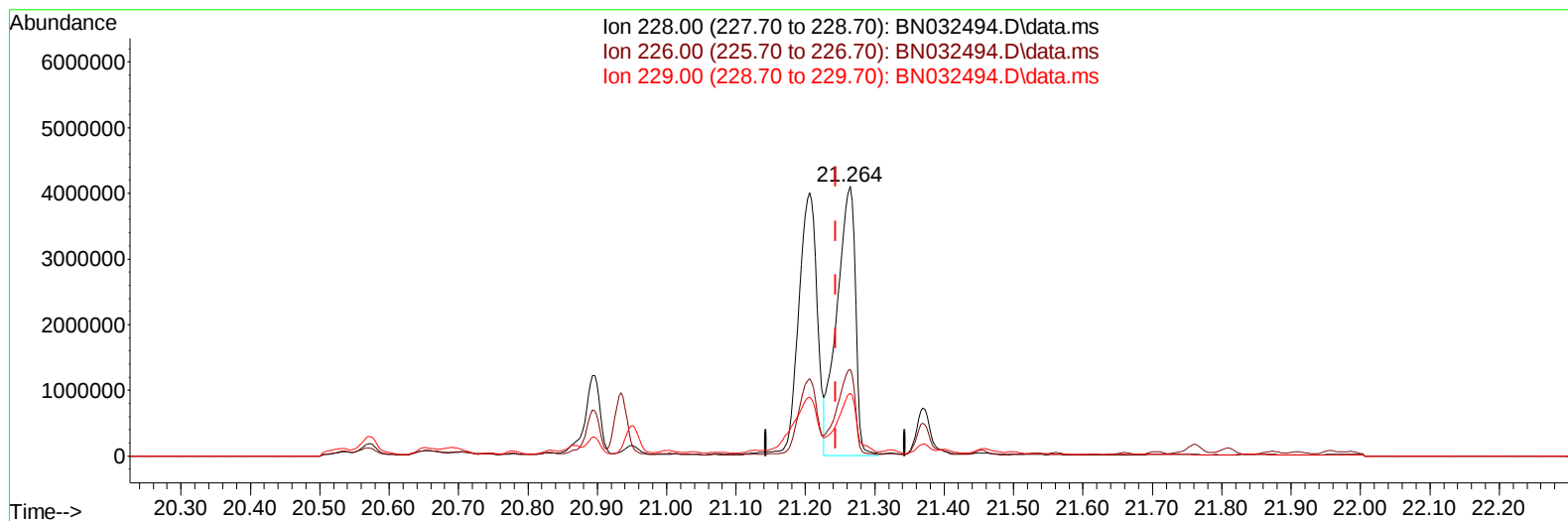
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(22) Chrysene

21.264min (+ 0.021) 83.51 ng/ul m

response 7653001

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	32.09
229.00	19.60	23.30
0.00	0.00	0.00

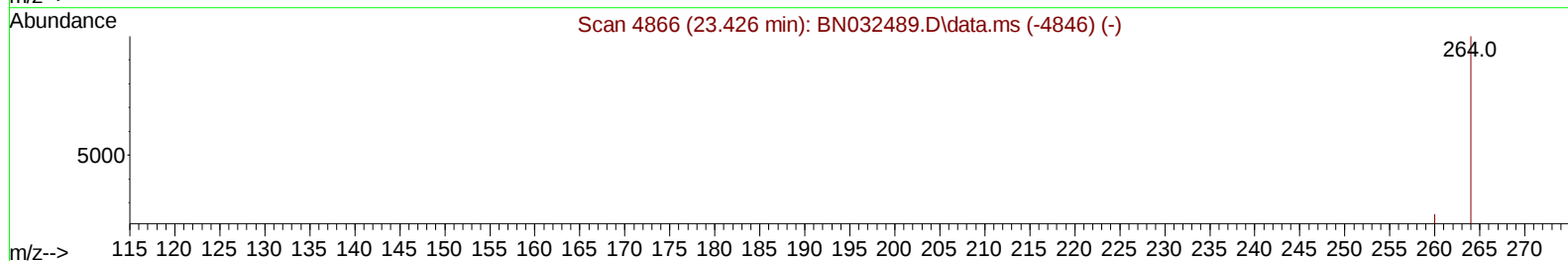
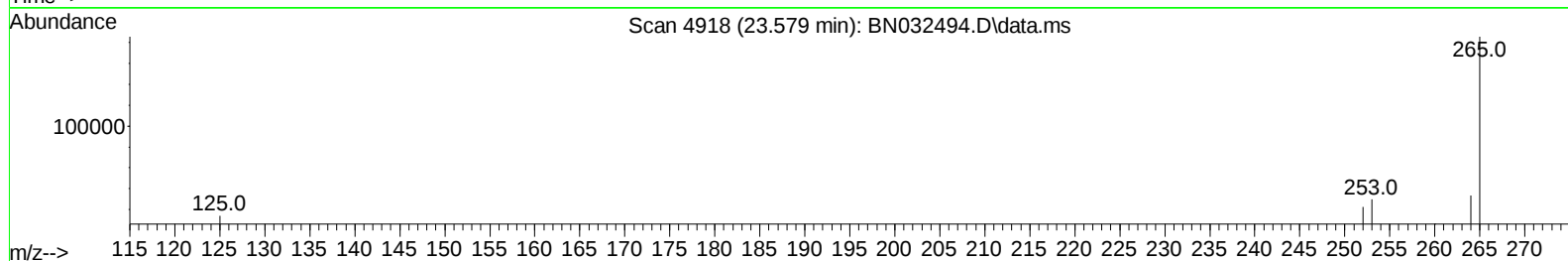
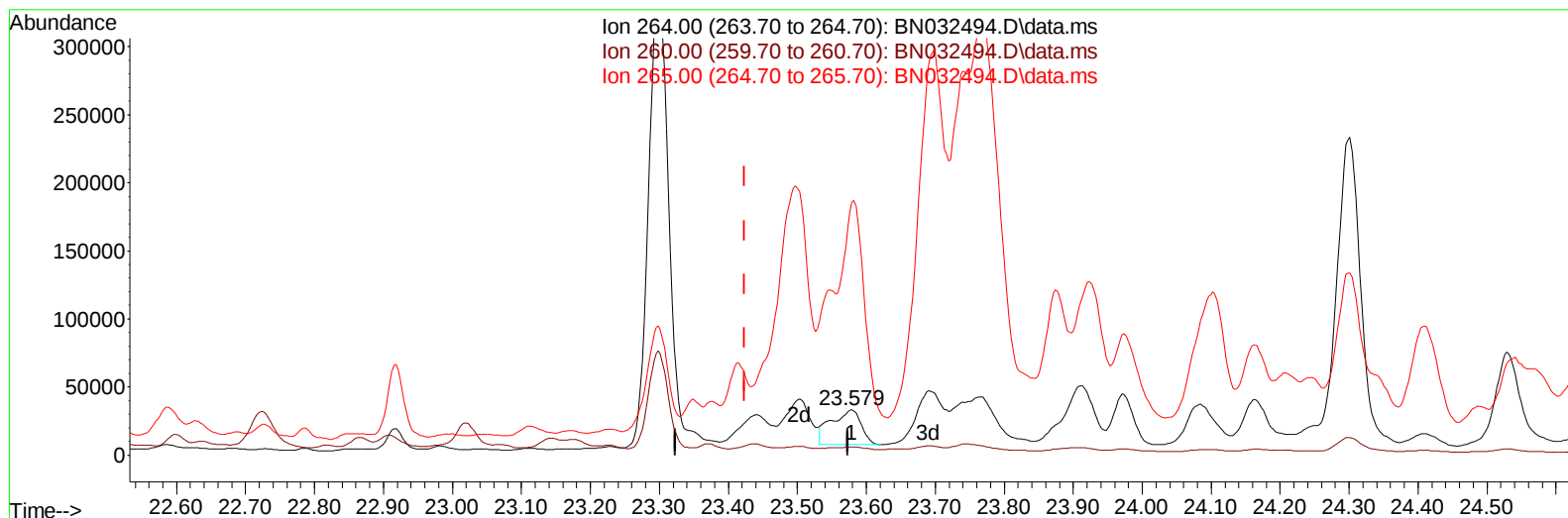
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(23) Perylene-d12 (I)

23.579min (+ 0.155) 0.40 ng/u1

response 76506

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	18.21#
265.00	67.20	559.69#
0.00	0.00	0.00

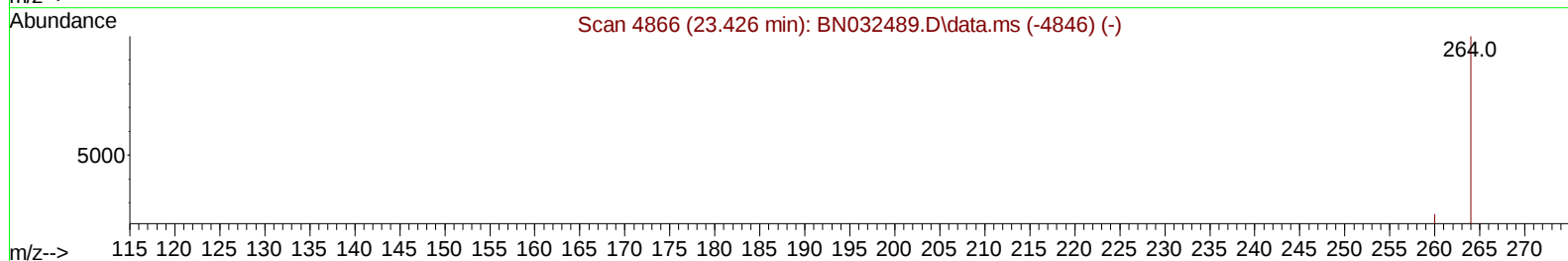
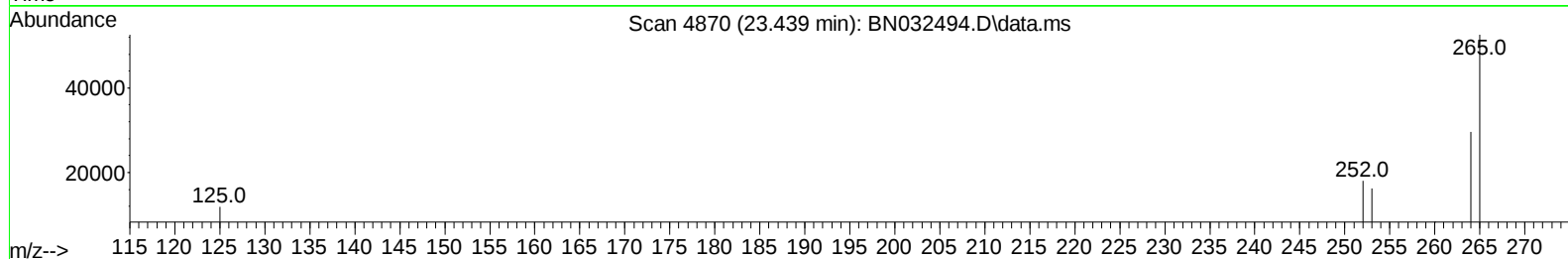
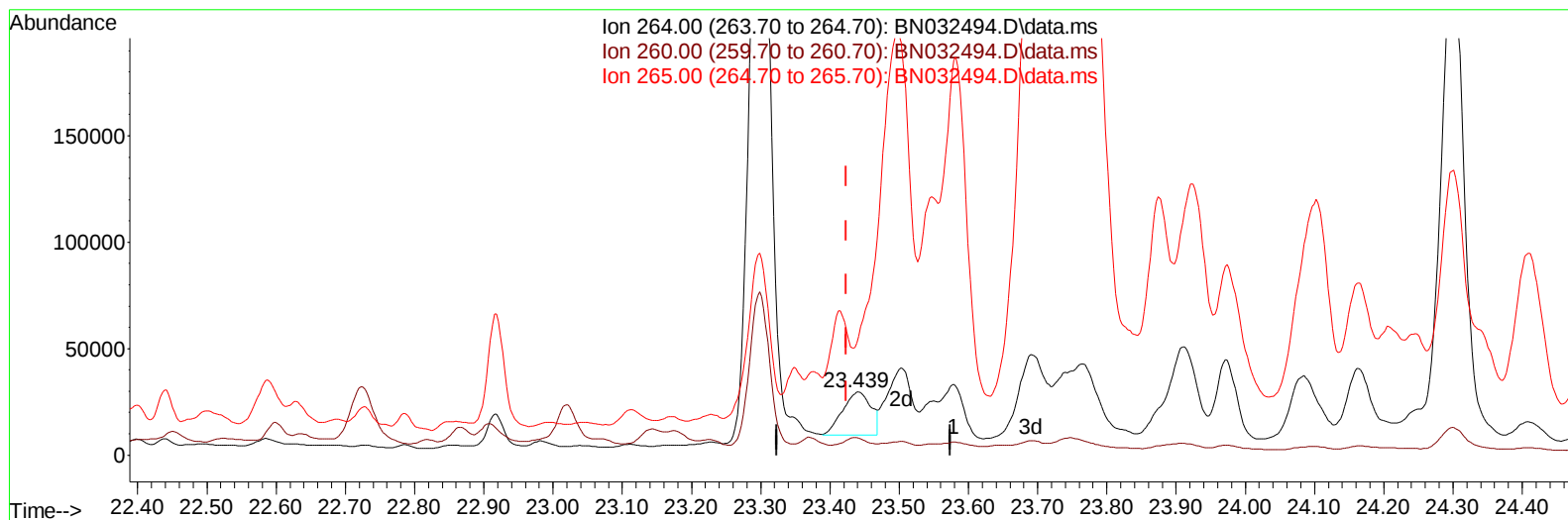
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032494.D
 Acq On : 05 Jul 2024 03:46
 Operator : MA/JU
 Sample : P2964-07
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(23) Perylene-d12 (I)

23.439min (+ 0.015) 0.40 ng/ul m

response 57915

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	27.94
265.00	67.20	177.90#
0.00	0.00	0.00

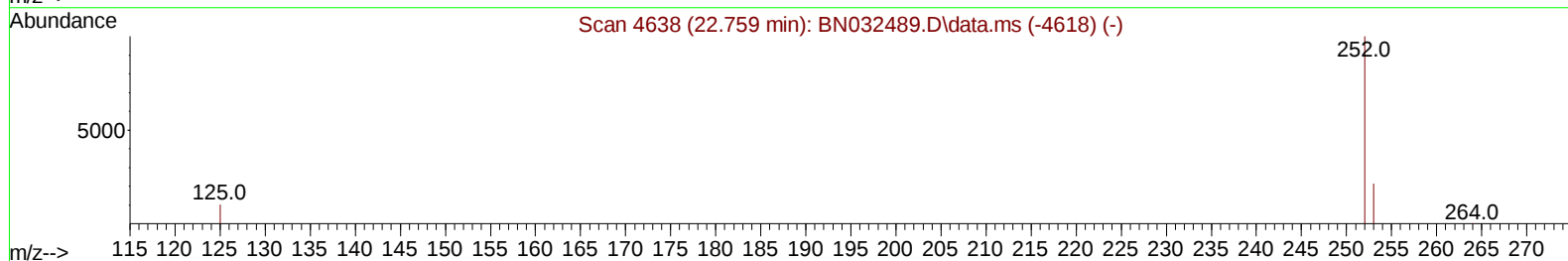
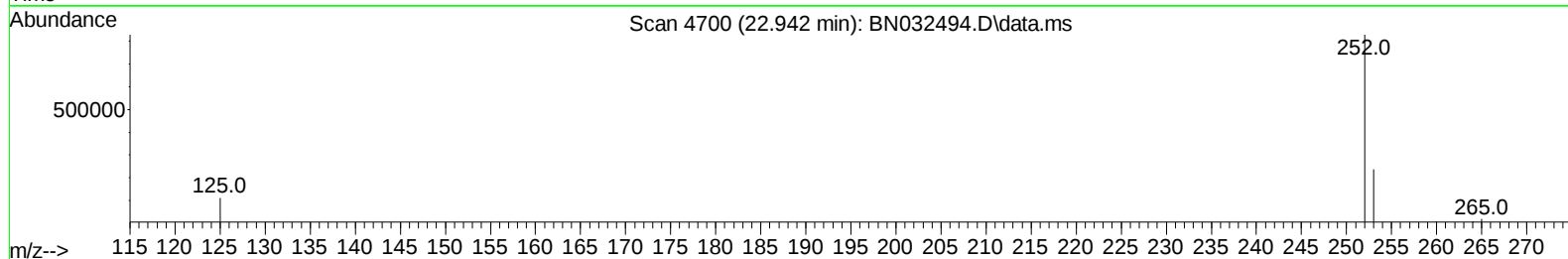
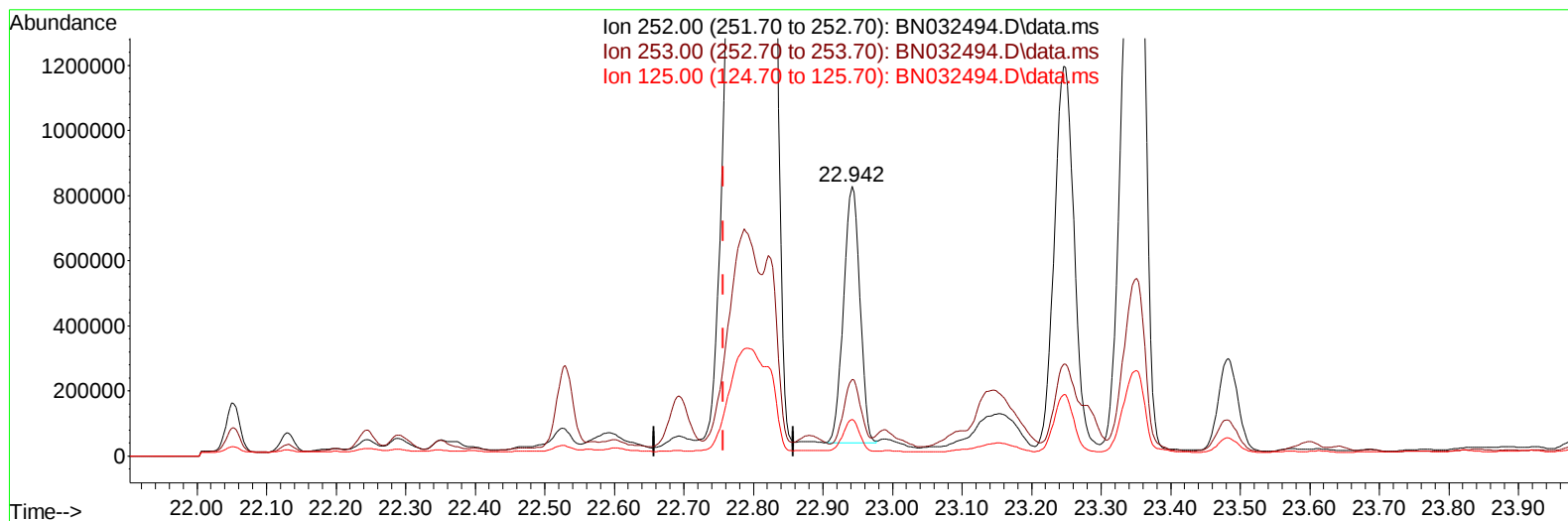
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(24) Benzo(b)fluoranthene

22.942min (+ 0.184) 5.12 ng/u1

response 1287666

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	28.49
125.00	16.00	13.58
0.00	0.00	0.00

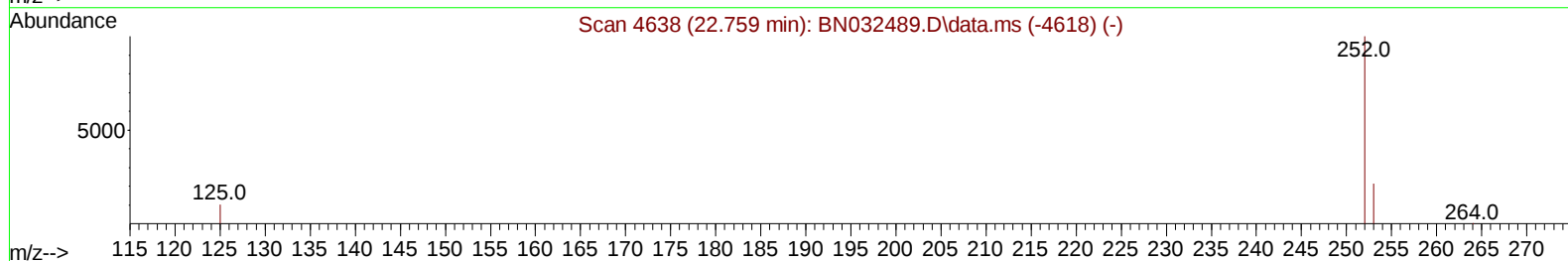
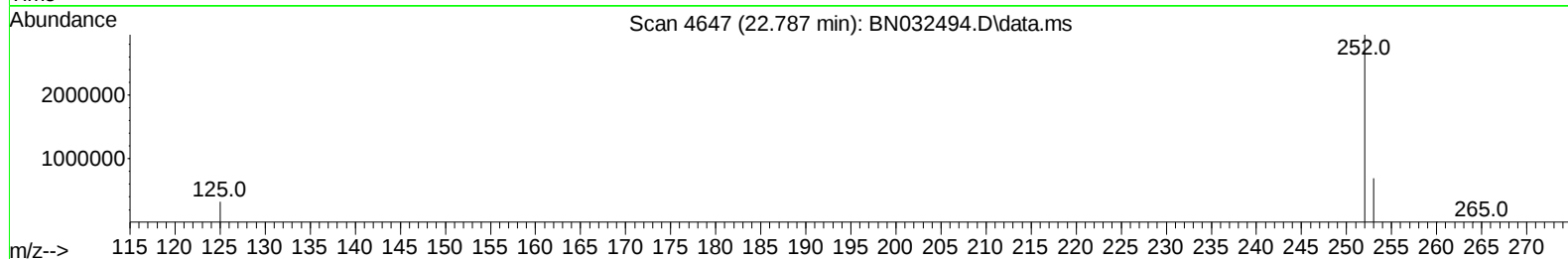
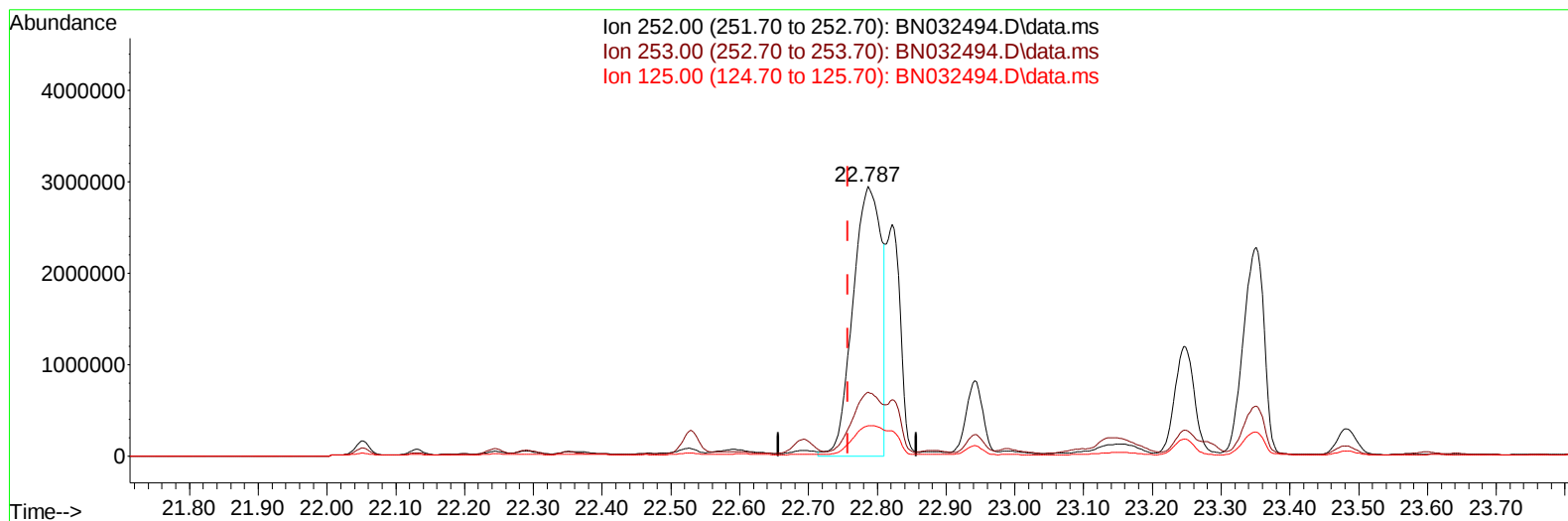
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(24) Benzo(b)fluoranthene

22.787min (+ 0.029) 33.67 ng/ul m

response 8471442

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.64
125.00	16.00	11.16
0.00	0.00	0.00

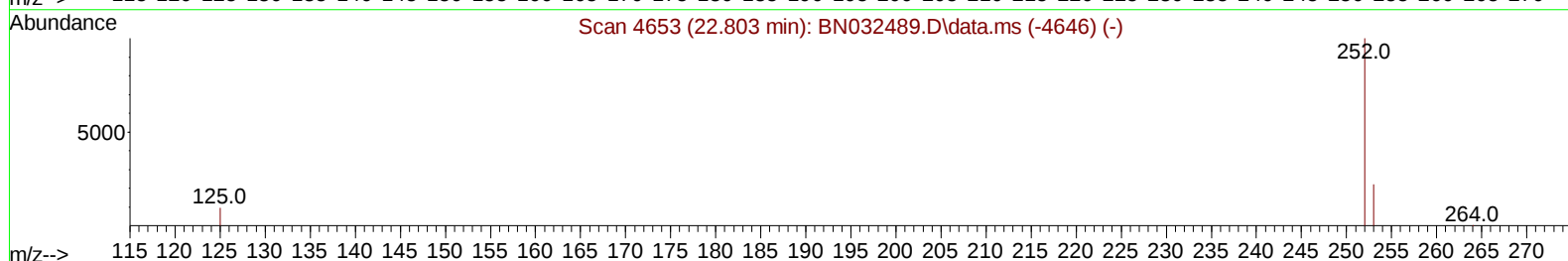
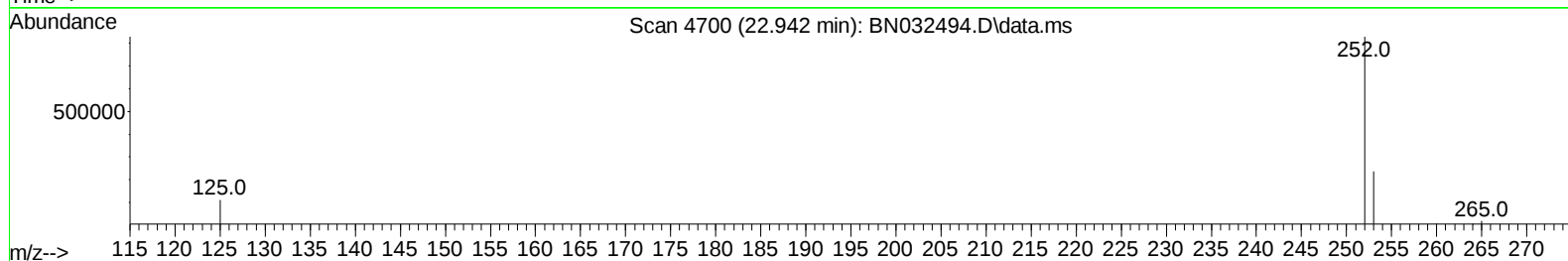
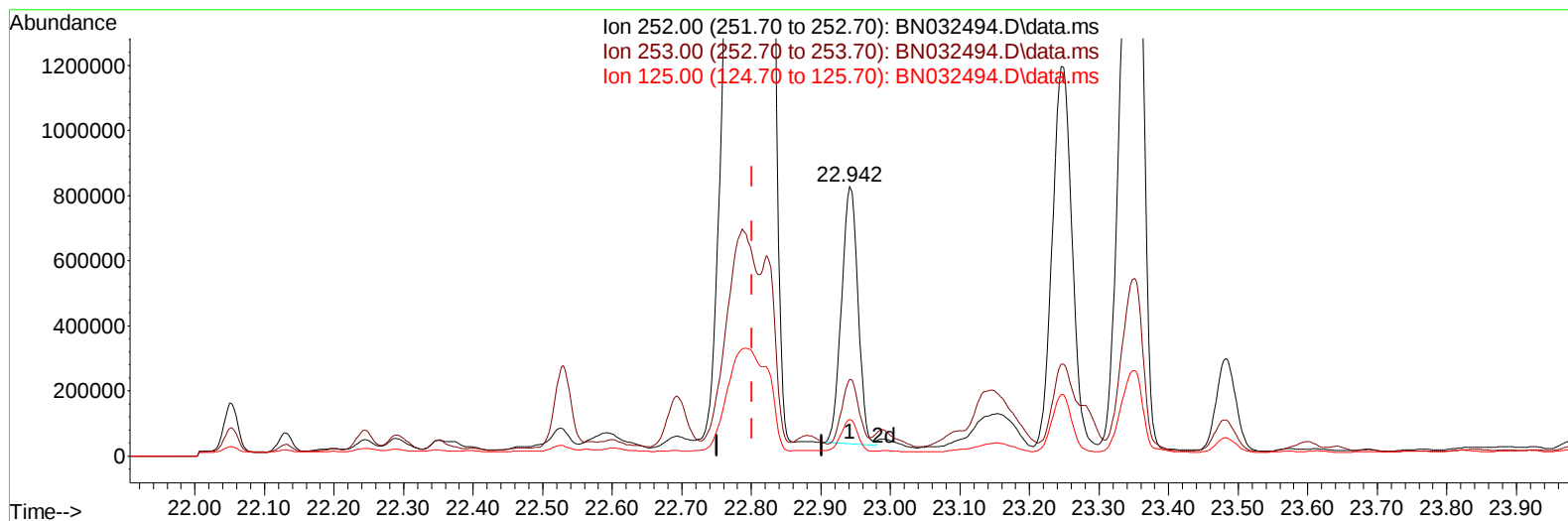
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(25) Benzo(k)fluoranthene

22.942min (+ 0.140) 5.32 ng/u1

response 1301559

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	28.49
125.00	16.00	13.58
0.00	0.00	0.00

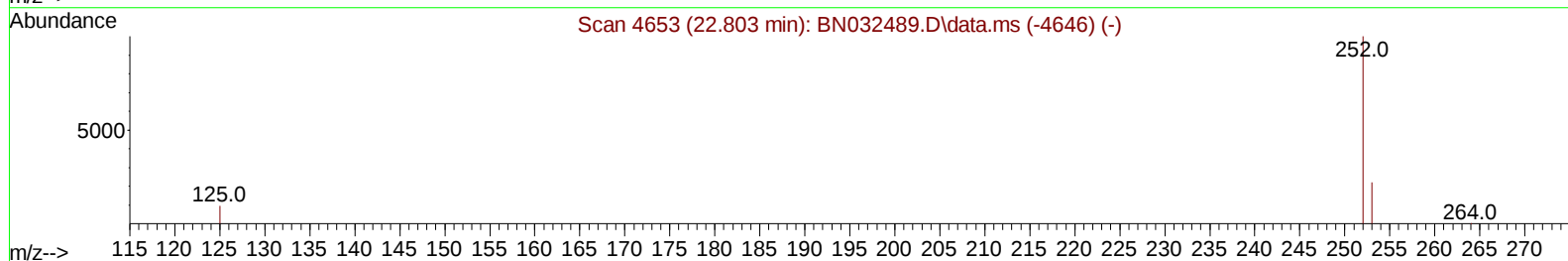
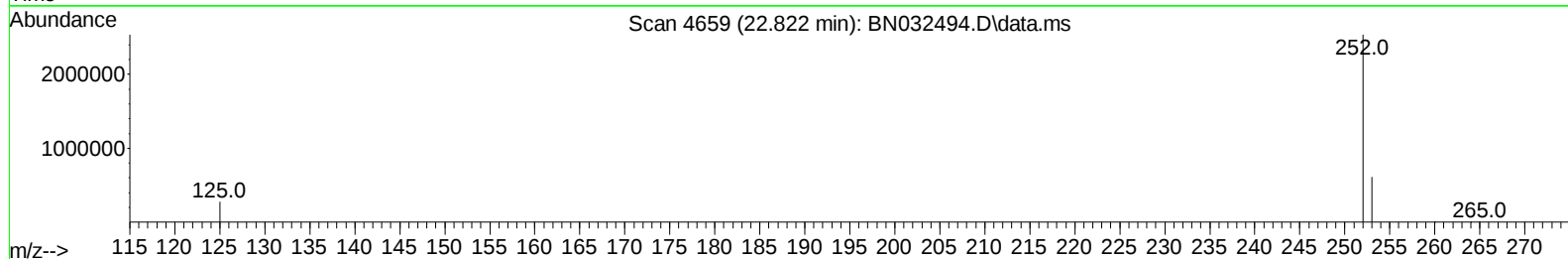
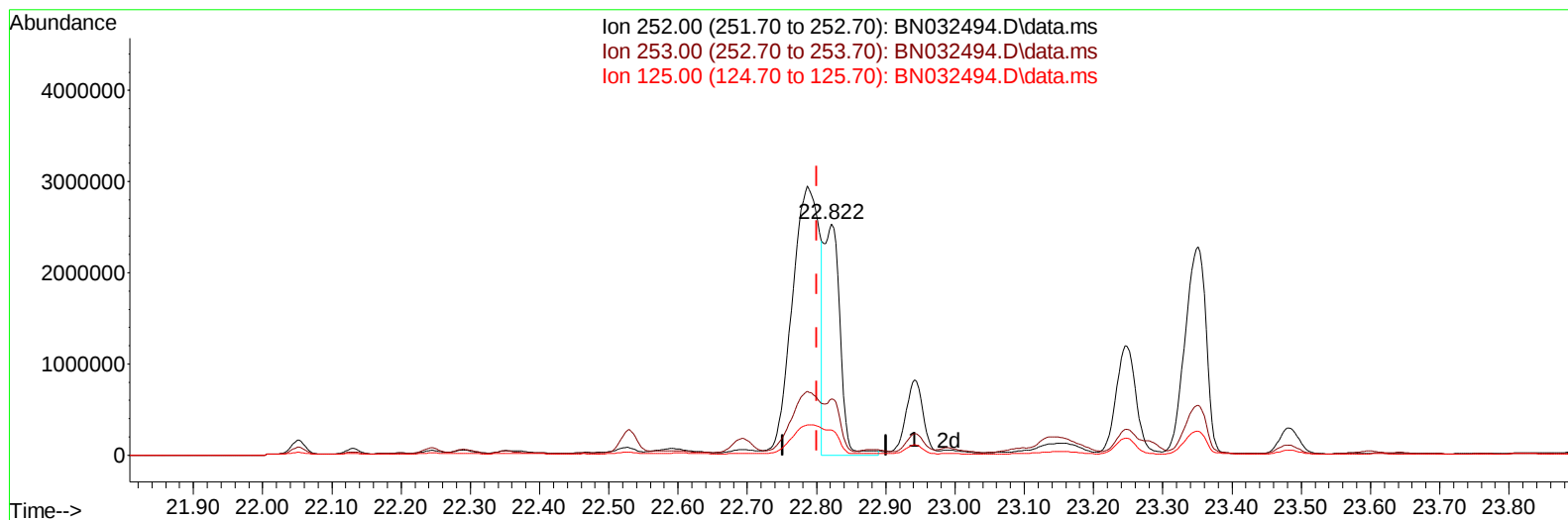
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(25) Benzo(k)fluoranthene

22.822min (+ 0.021) 16.77 ng/ul m

response 4099119

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.29
125.00	16.00	10.83#
0.00	0.00	0.00

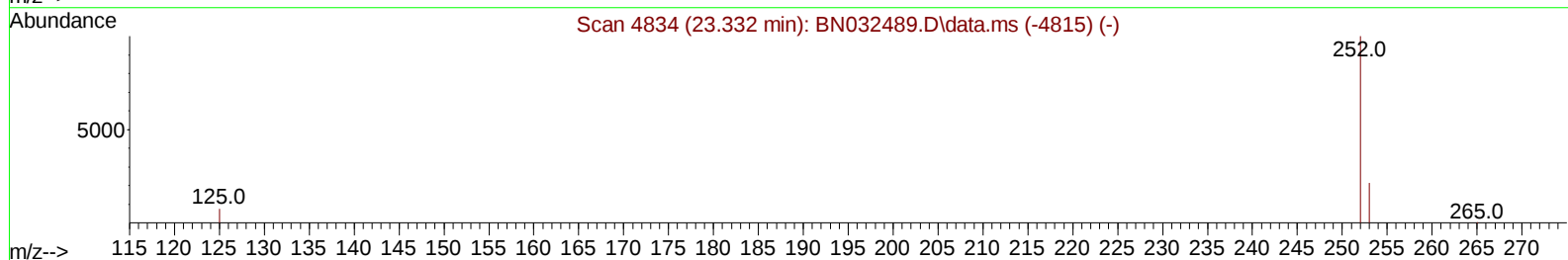
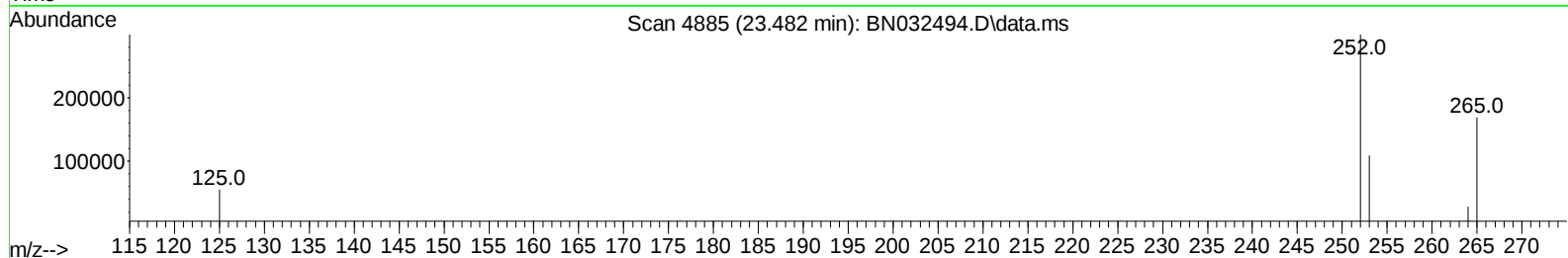
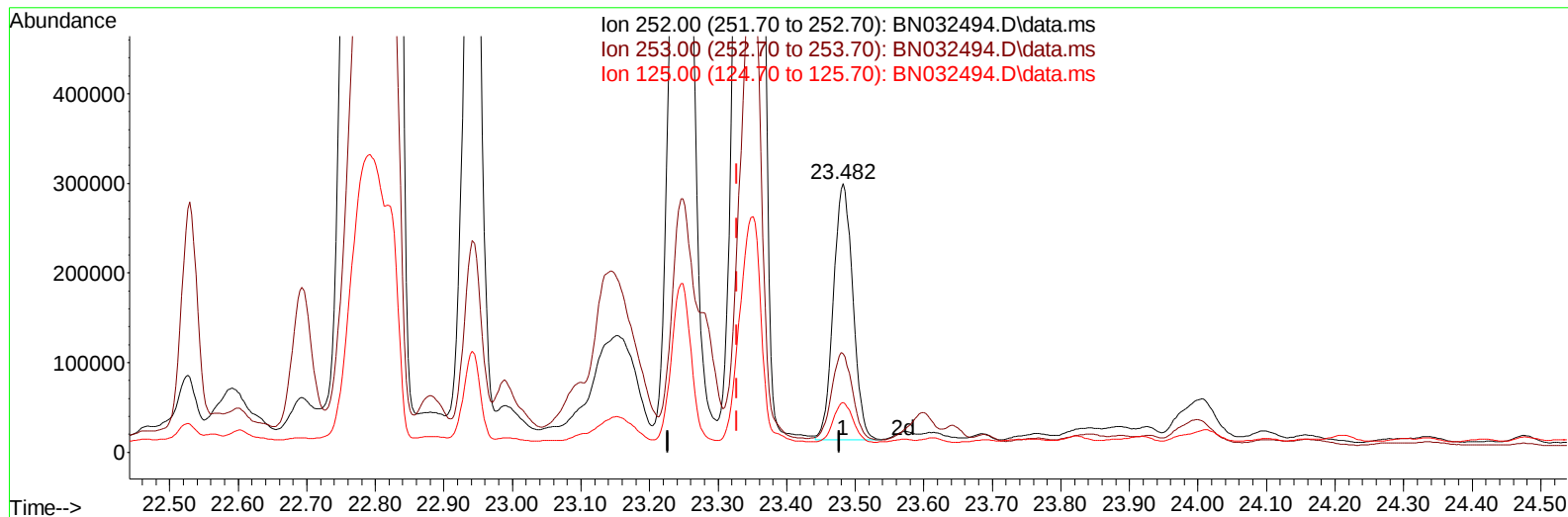
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(26) Benzo(a)pyrene (C)

23.482min (+ 0.155) 3.20 ng/u1

response 561064

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	36.61#
125.00	20.50	18.50
0.00	0.00	0.00

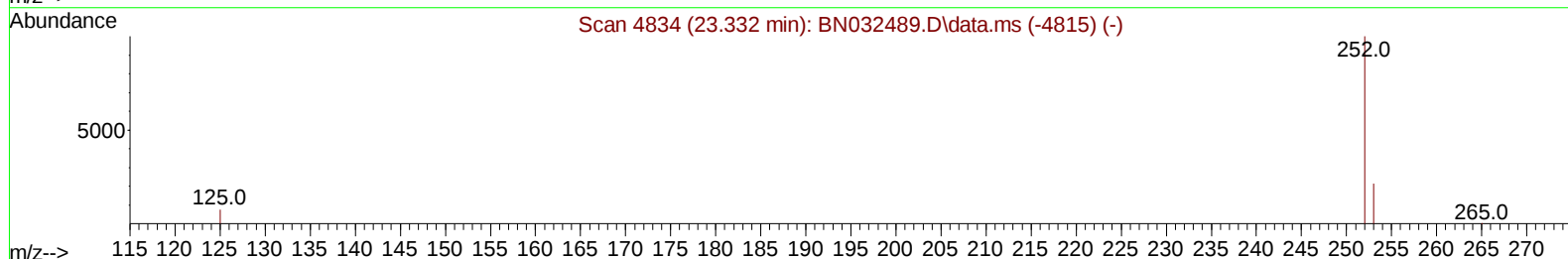
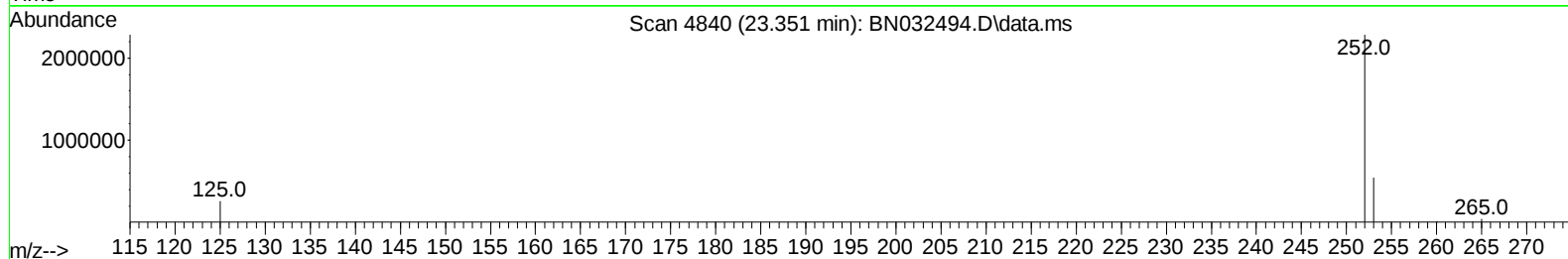
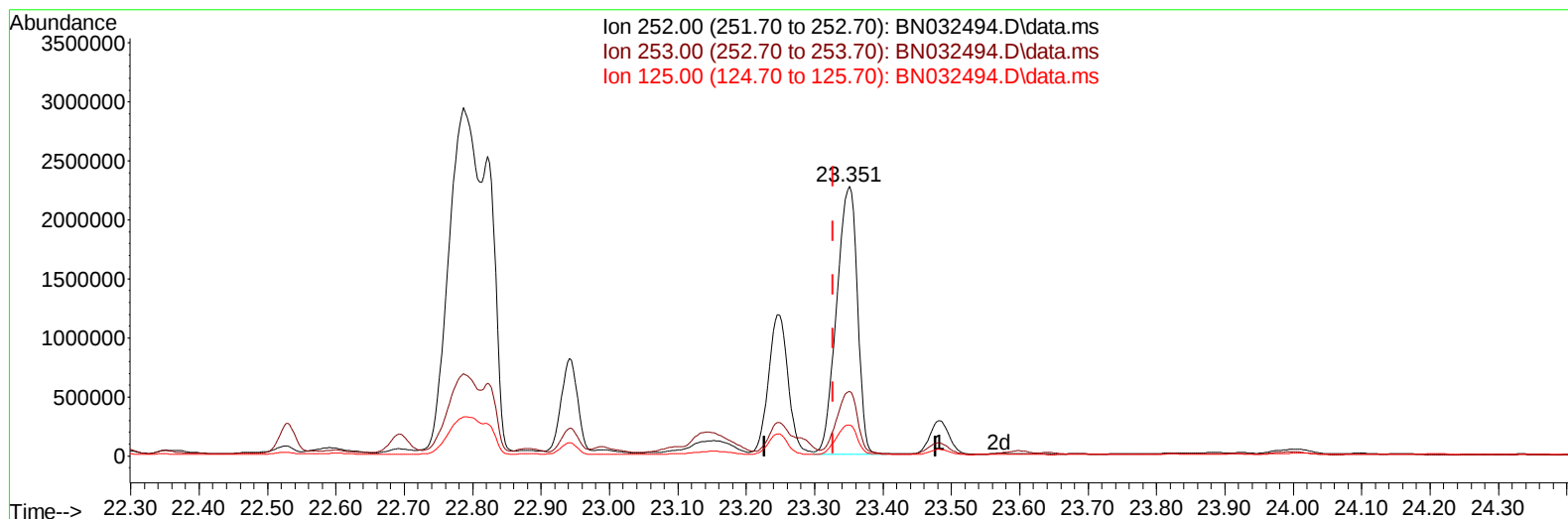
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(26) Benzo(a)pyrene (C)

23.351min (+ 0.023) 27.41 ng/ul m

response 4798970

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.91
125.00	20.50	11.52#
0.00	0.00	0.00

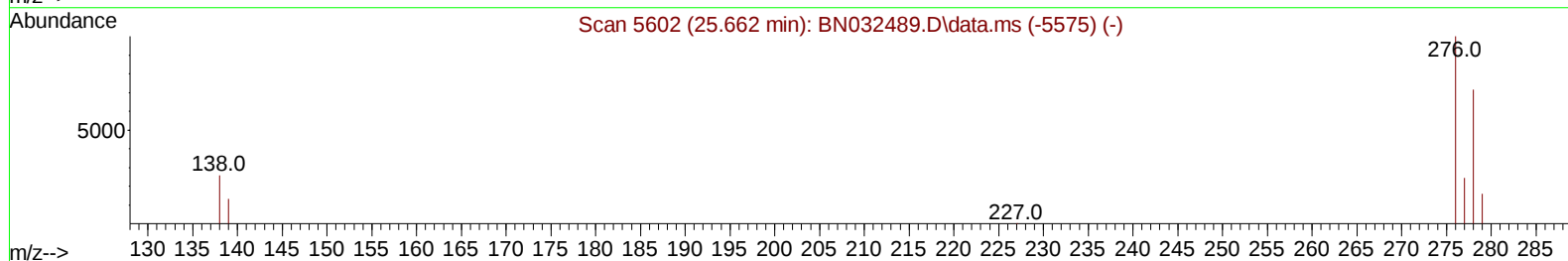
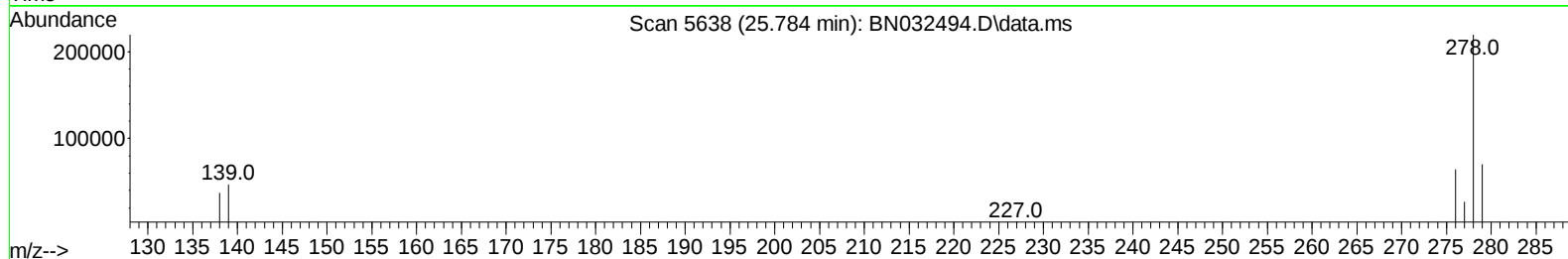
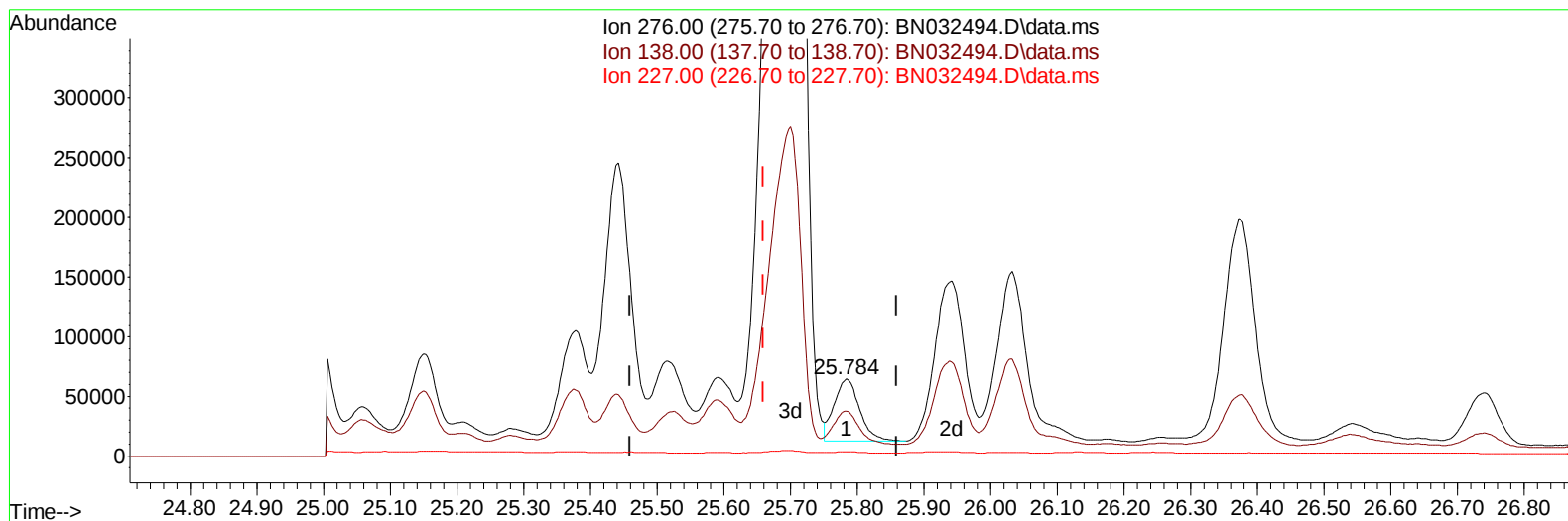
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

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

25.784min (+ 0.124) 0.50 ng/u1

response 137762

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	54.90#
227.00	0.10	2.14#
0.00	0.00	0.00

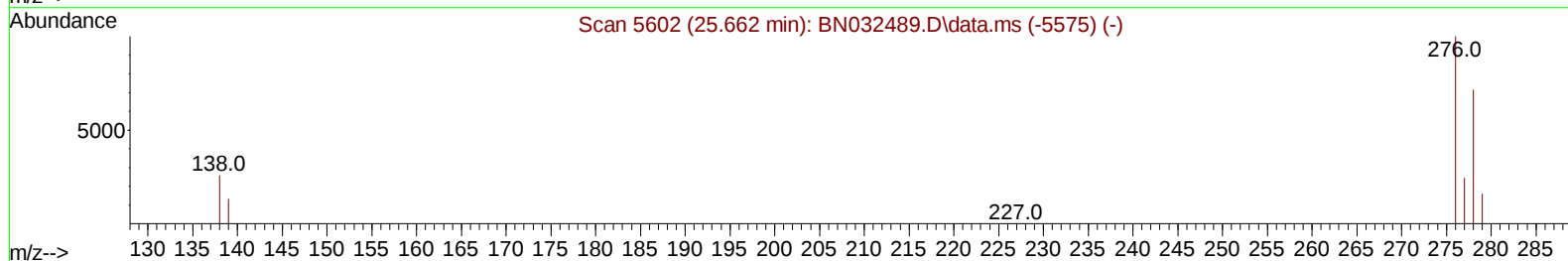
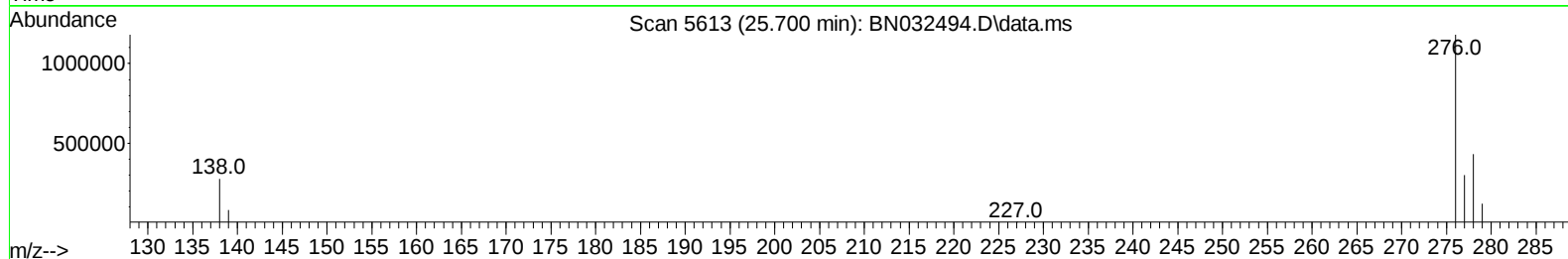
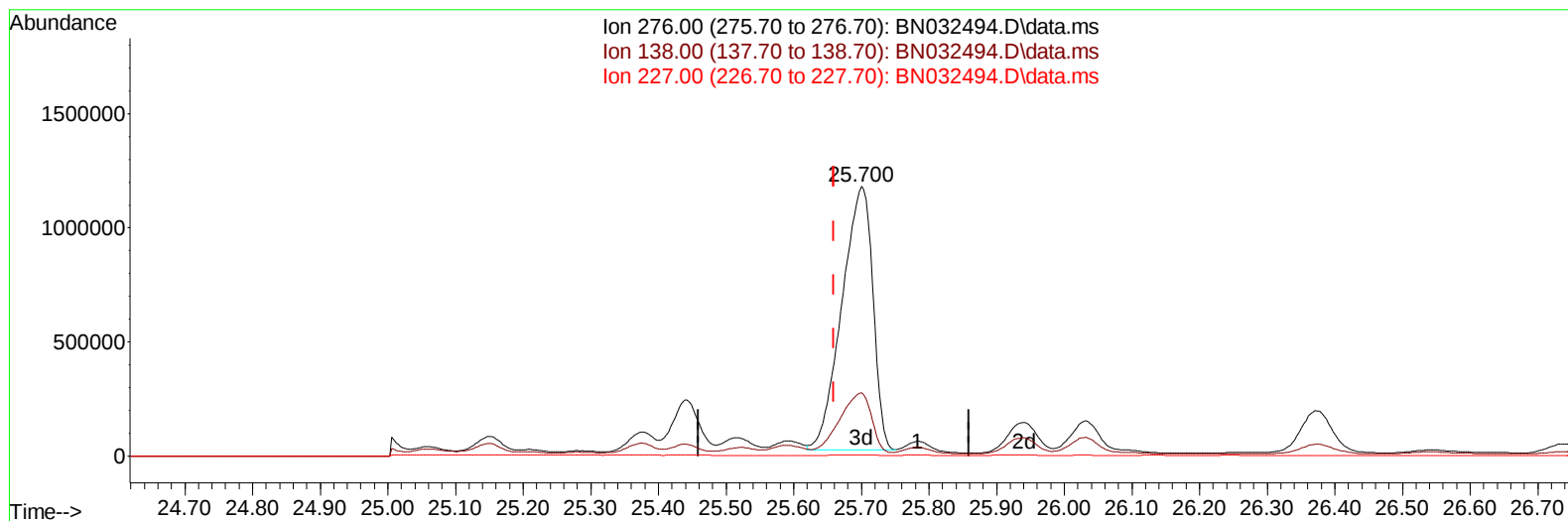
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

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

25.700min (+ 0.040) 13.45 ng/ul m

response 3687676

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.05#
227.00	0.10	0.08#
0.00	0.00	0.00

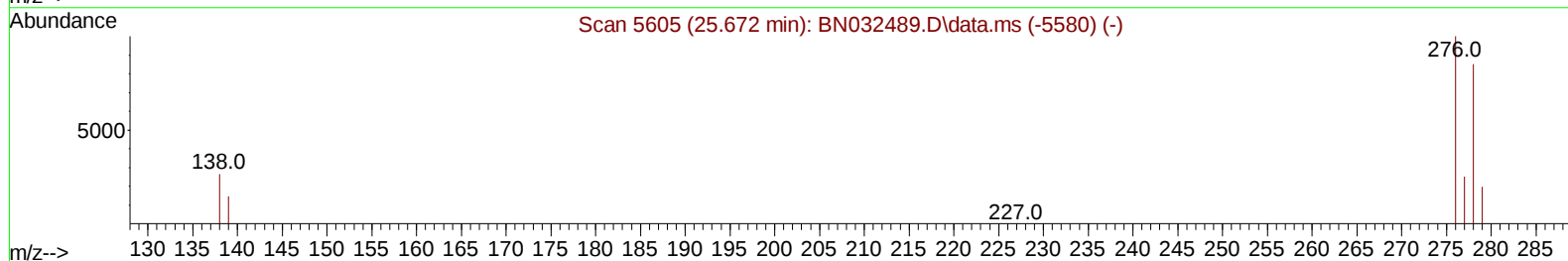
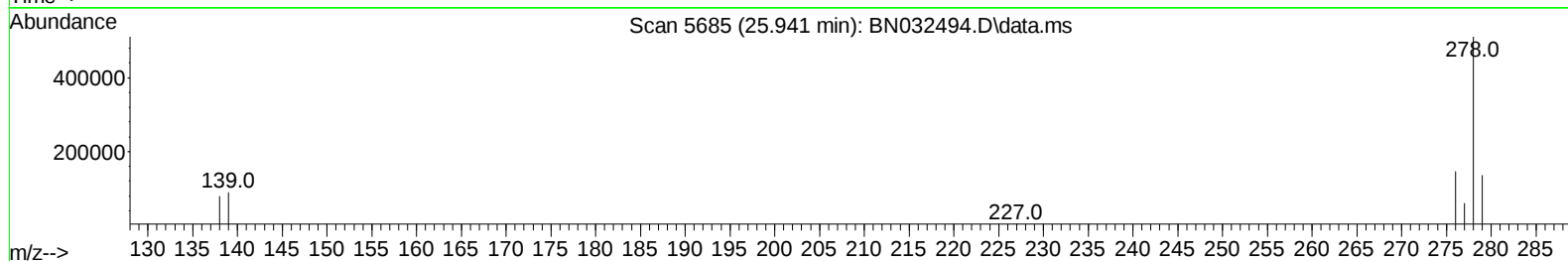
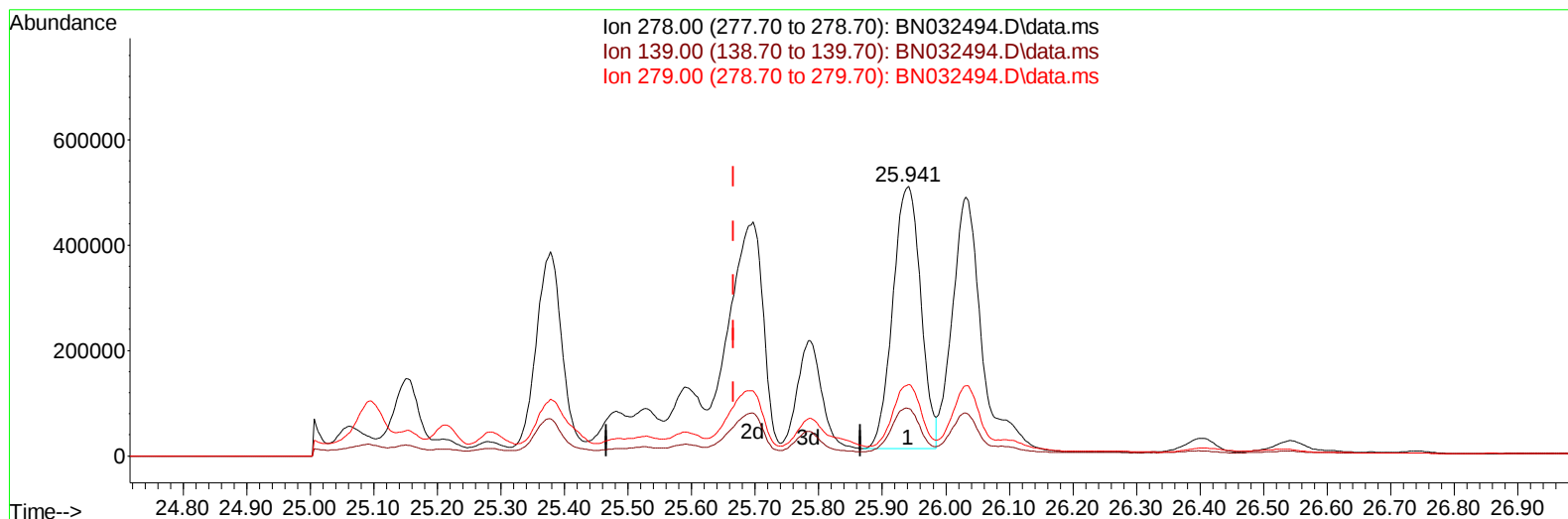
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032494.D\data.ms

(28) Dibenzo(a,h)anthracene

25.941min (+ 0.275) 7.50 ng/u1

response 1527037

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	17.61
279.00	26.40	26.64
0.00	0.00	0.00

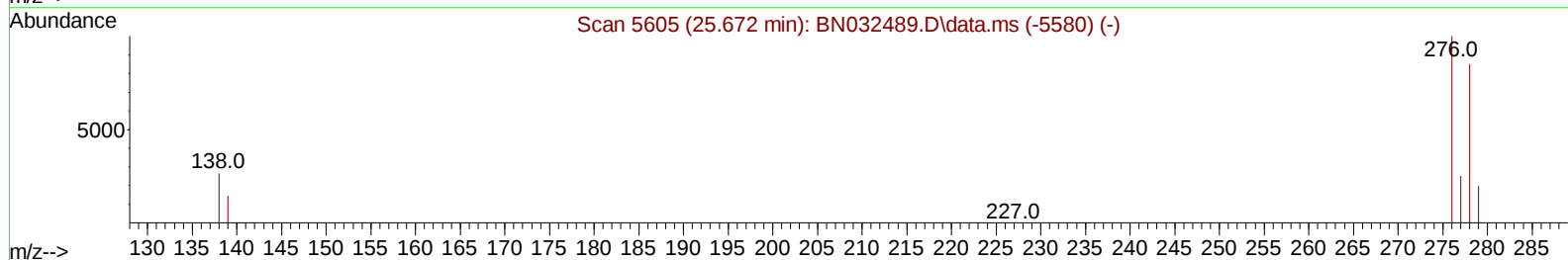
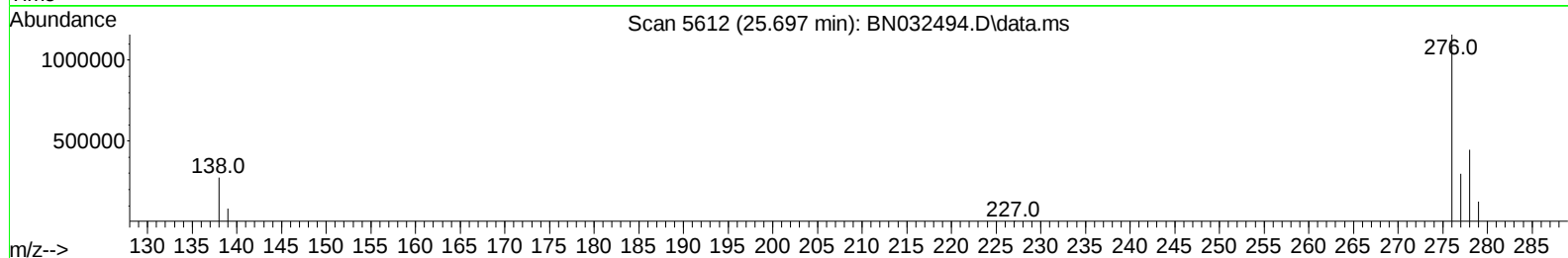
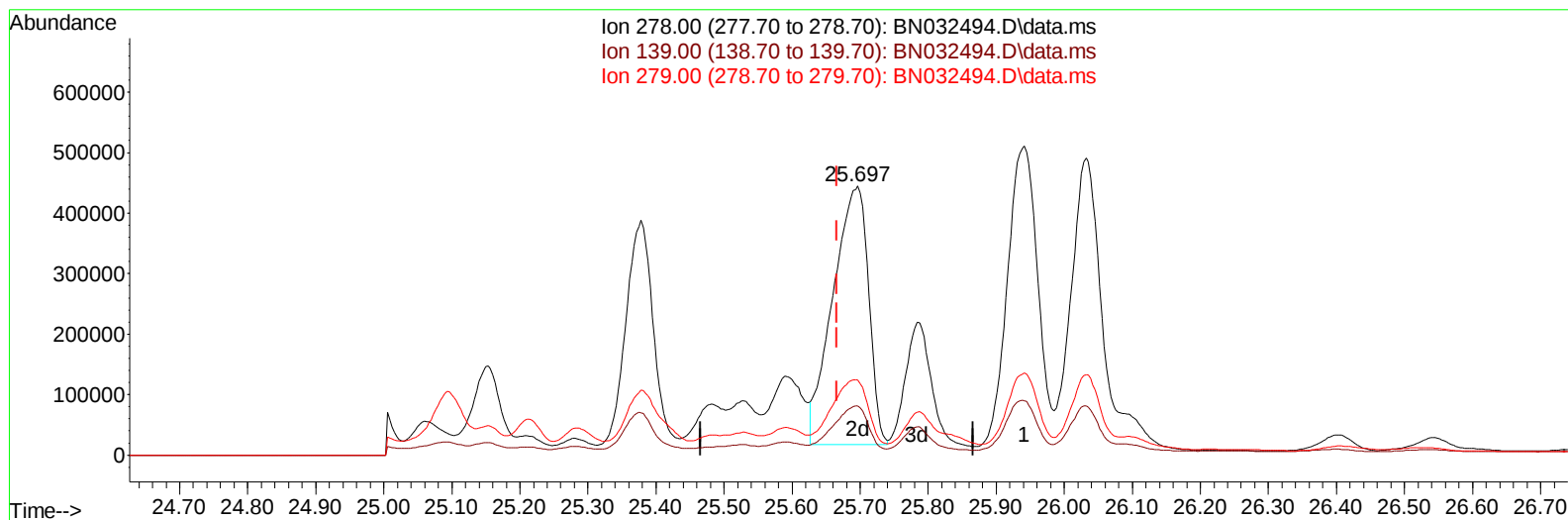
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

(28) Dibenzo(a,h)anthracene

25.697min (+ 0.030) 7.63 ng/ul m

response 1553607

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	18.22
279.00	26.40	27.93
0.00	0.00	0.00

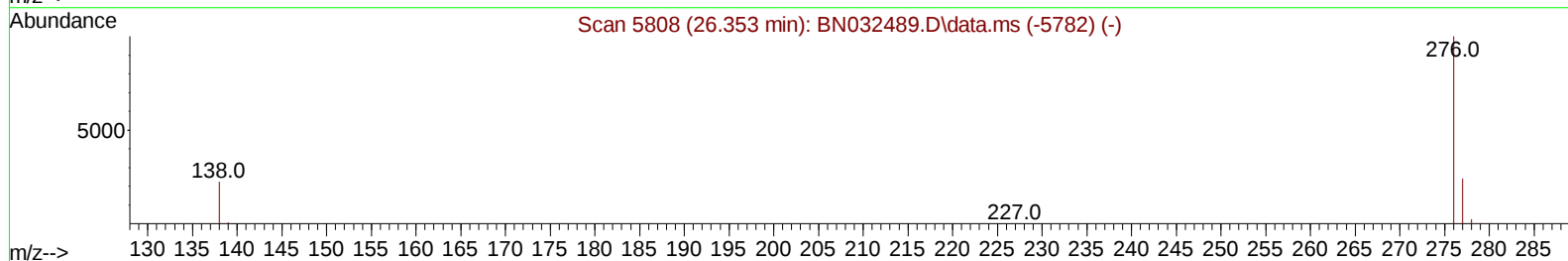
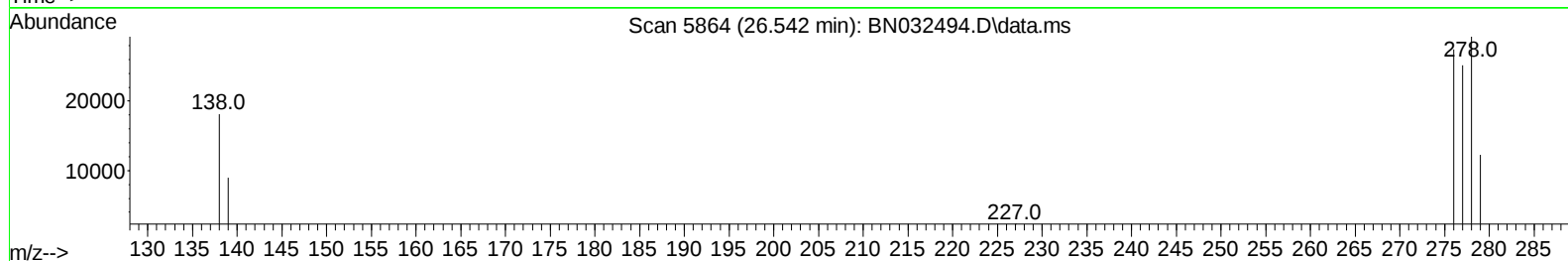
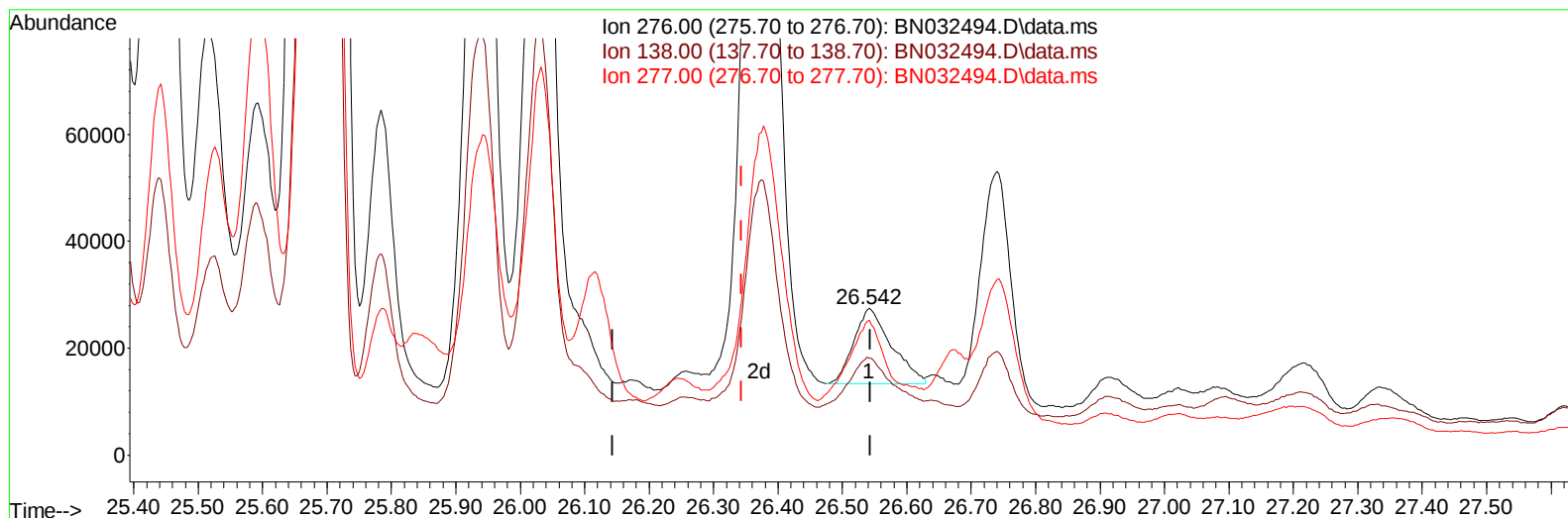
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032494.D
 Acq On : 05 Jul 2024 03:46
 Operator : MA/JU
 Sample : P2964-07
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

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

26.542min (+ 0.198) 0.26 ng/u1

response 57059

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	66.04#
277.00	24.70	91.75#
0.00	0.00	0.00

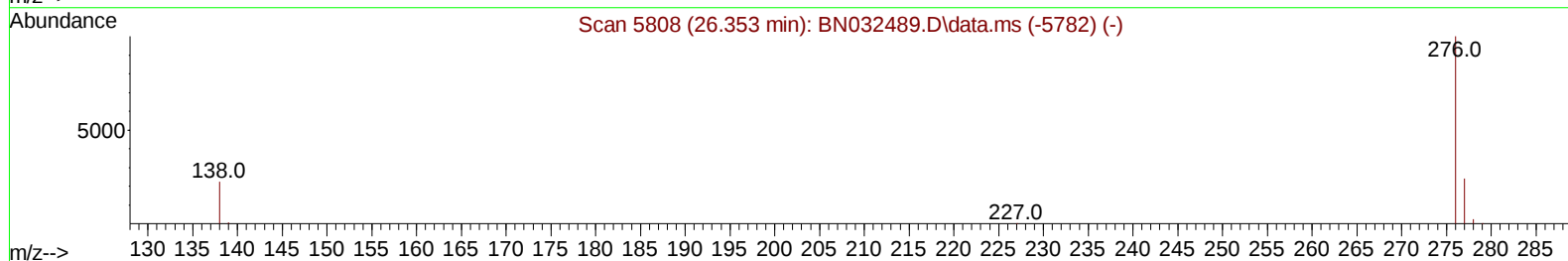
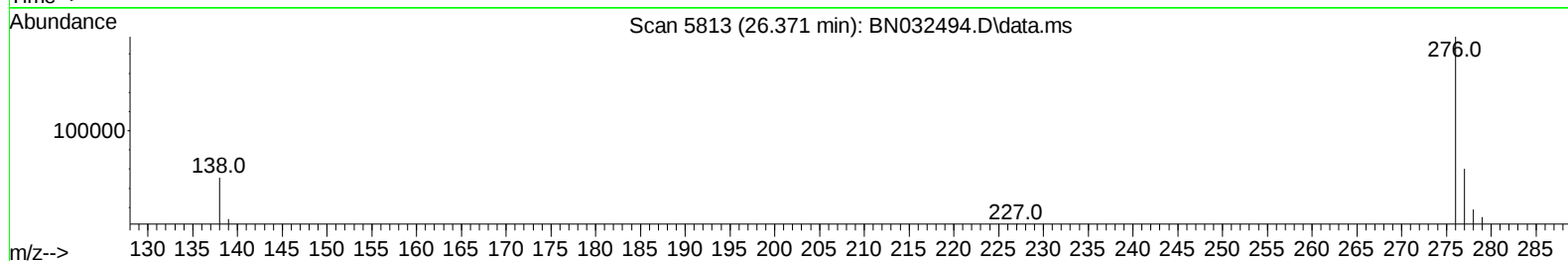
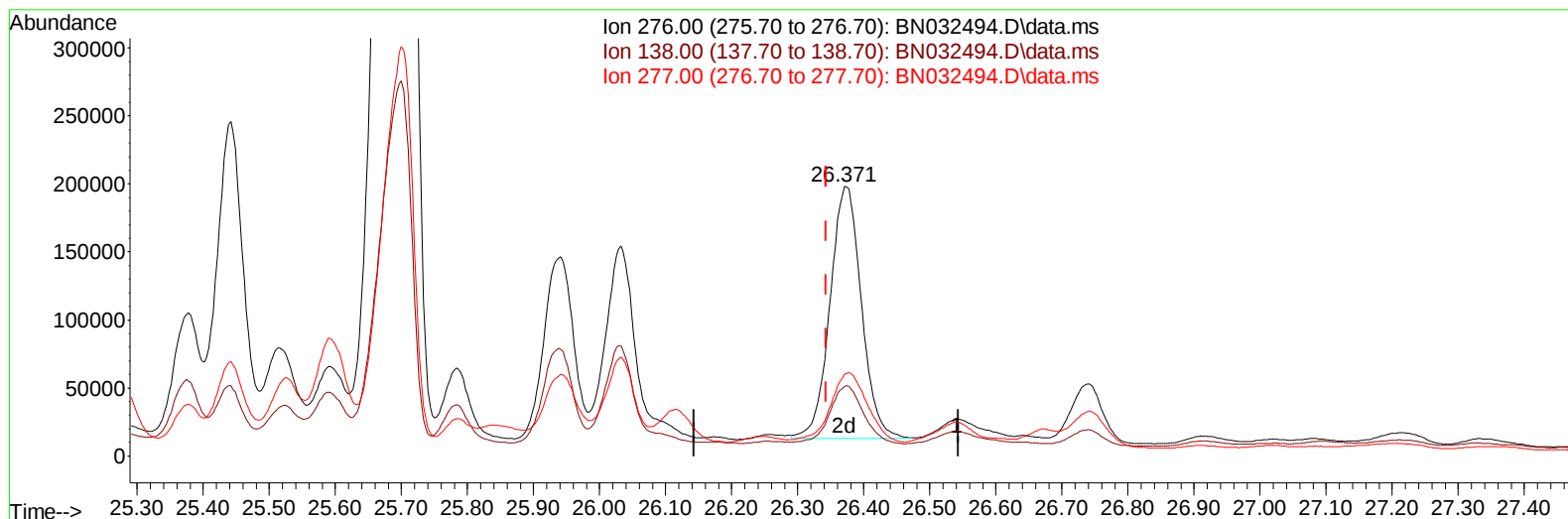
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 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: BN032494.D\data.ms

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

26.371min (+ 0.027) 2.81 ng/ul m

response 614145

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	25.79
277.00	24.70	30.29#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032494.D
 Acq On : 05 Jul 2024 03:46
 Operator : MA/JU
 Sample : P2964-07
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS2

Manual IntegrationsAPPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	10110	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	30721	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.244	164	25865	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.008	188	29414m	0.400	ng/ul	0.00
17) Chrysene-d12	21.223	240	23132m	0.400	ng/ul	0.01
23) Perylene-d12	23.439	264	57915m	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	20882	1.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	7118	0.155	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	18157m	0.261	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.415	128	2120319	26.080	ng/ul	99
7) 2-Methylnaphthalene	12.037	142	1250274	23.203	ng/ul	98
8) 1-Methylnaphthalene	12.263	142	878072	15.712	ng/ul	100
10) Acenaphthylene	13.962	152	110810	1.030	ng/ul#	69
11) Acenaphthene	14.309	153	3129768	37.487	ng/ul	99
12) Fluorene	15.303	166	2862113	28.770	ng/ul	98
15) Phenanthrene	17.071	178	14711168m	182.427	ng/ul	
16) Anthracene	17.147	178	4671563m	64.947	ng/ul	
19) Fluoranthene	19.097	202	11706727m	132.903	ng/ul	
20) Pyrene	19.459	202	11982021m	130.166	ng/ul	
21) Benzo(a)anthracene	21.206	228	7222424m	86.506	ng/ul	
22) Chrysene	21.264	228	7653001m	83.514	ng/ul	
24) Benzo(b)fluoranthene	22.787	252	8471442m	33.668	ng/ul	
25) Benzo(k)fluoranthene	22.822	252	4099119m	16.767	ng/ul	
26) Benzo(a)pyrene	23.351	252	4798970m	27.412	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.700	276	3687676m	13.453	ng/ul	
28) Dibenzo(a,h)anthracene	25.697	278	1553607m	7.628	ng/ul	
29) Benzo(g,h,i)perylene	26.371	276	614145m	2.813	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:11:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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