

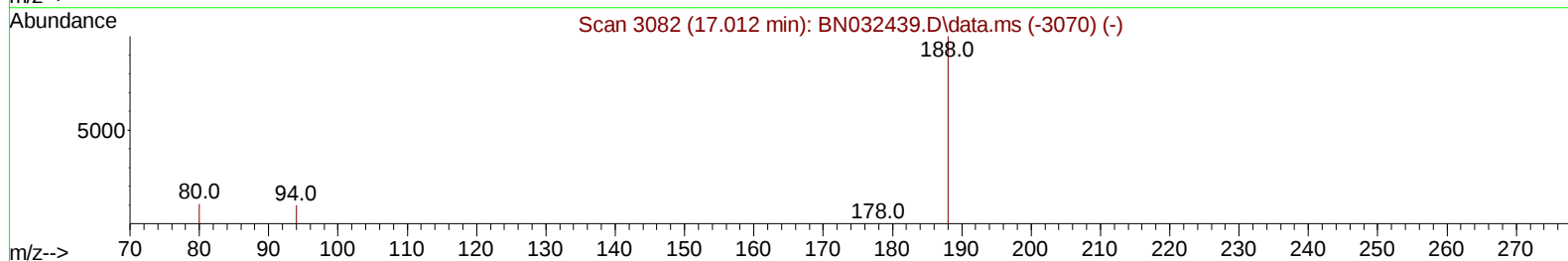
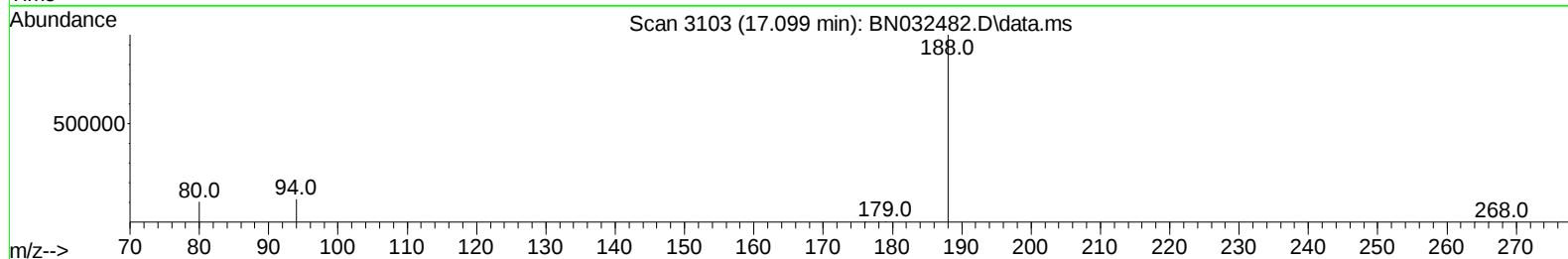
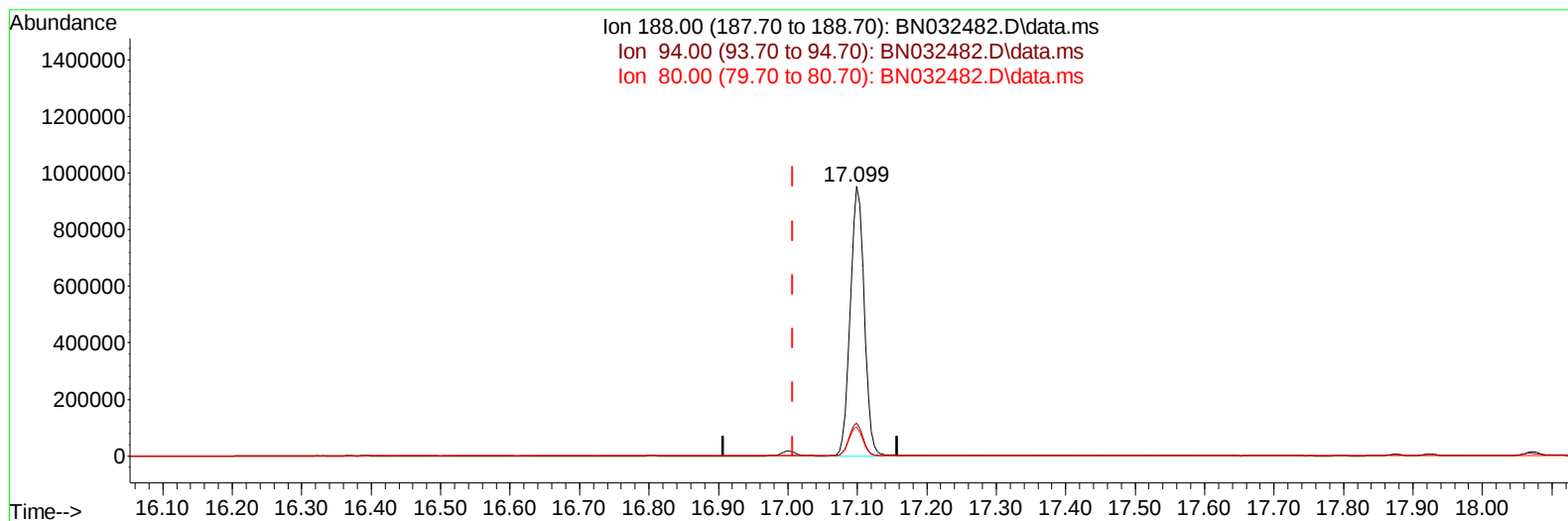
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(13) Phenanthrene-d10 (I)

17.099min (+ 0.092) 0.40 ng/u1

response 1315298

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.13
80.00	10.50	10.73
0.00	0.00	0.00

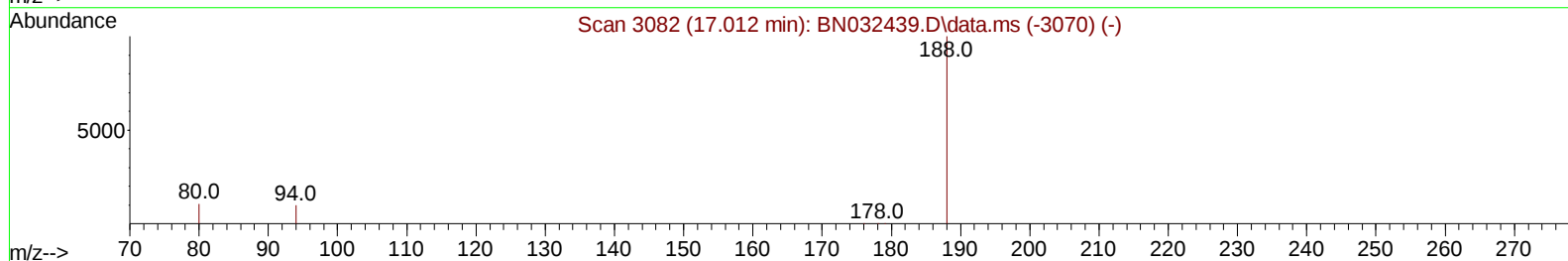
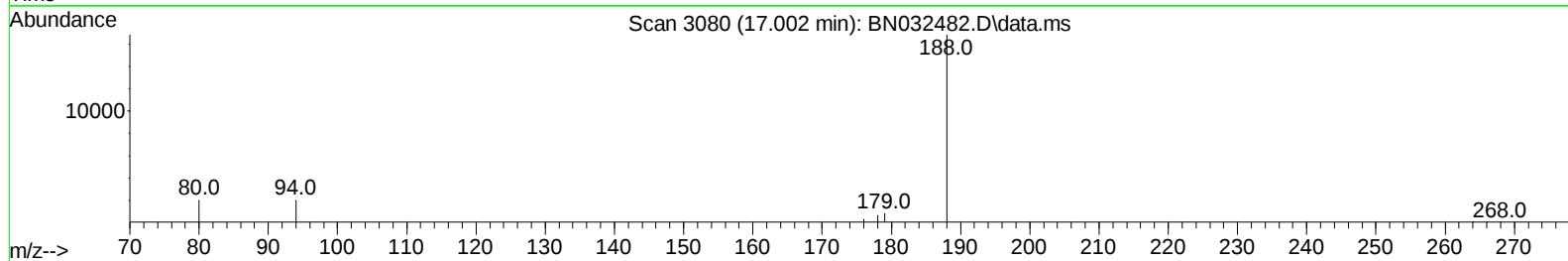
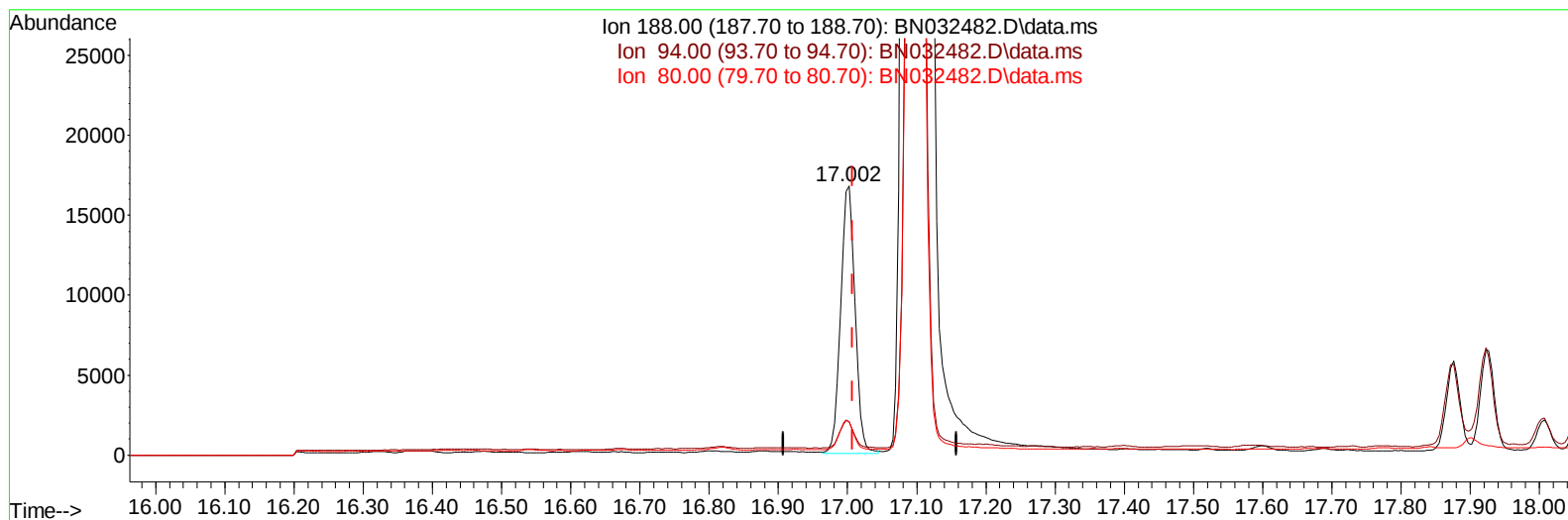
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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
Response via : Initial Calibration

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



TIC: BN032482.D\data.ms

(13) Phenanthrene-d10 (I)

17.002min (-0.005) 0.40 ng/u1 m

response 24144

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.38#
80.00	10.50	12.39
0.00	0.00	0.00

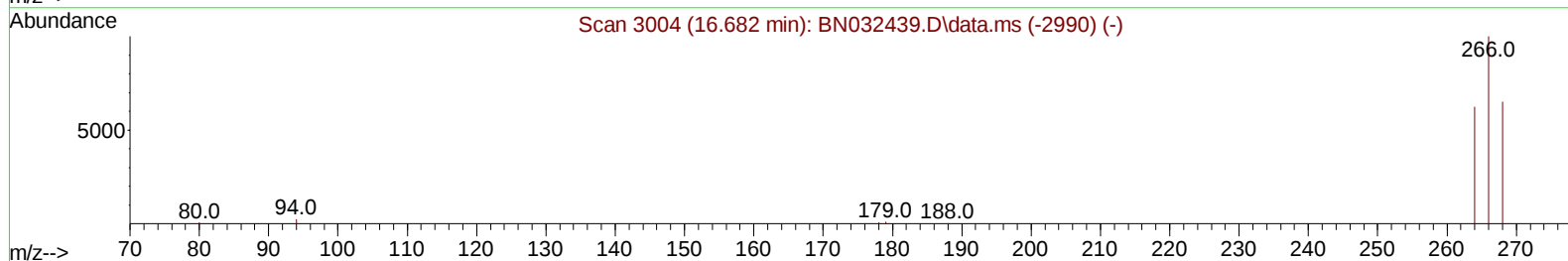
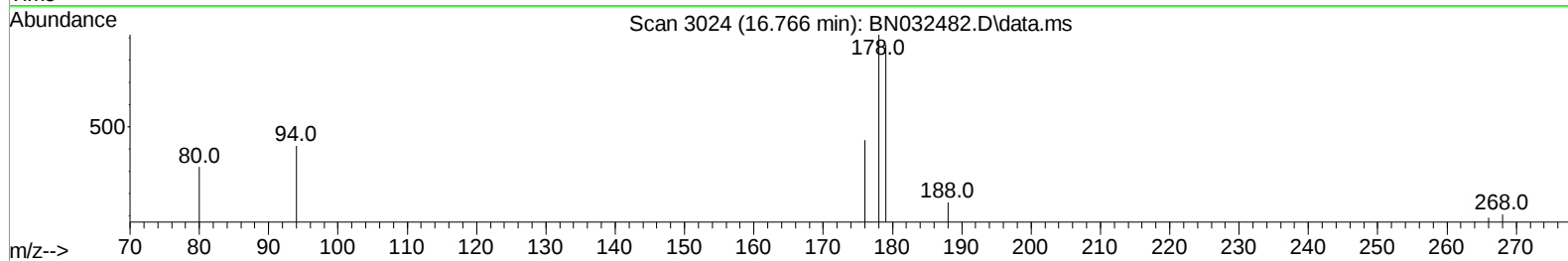
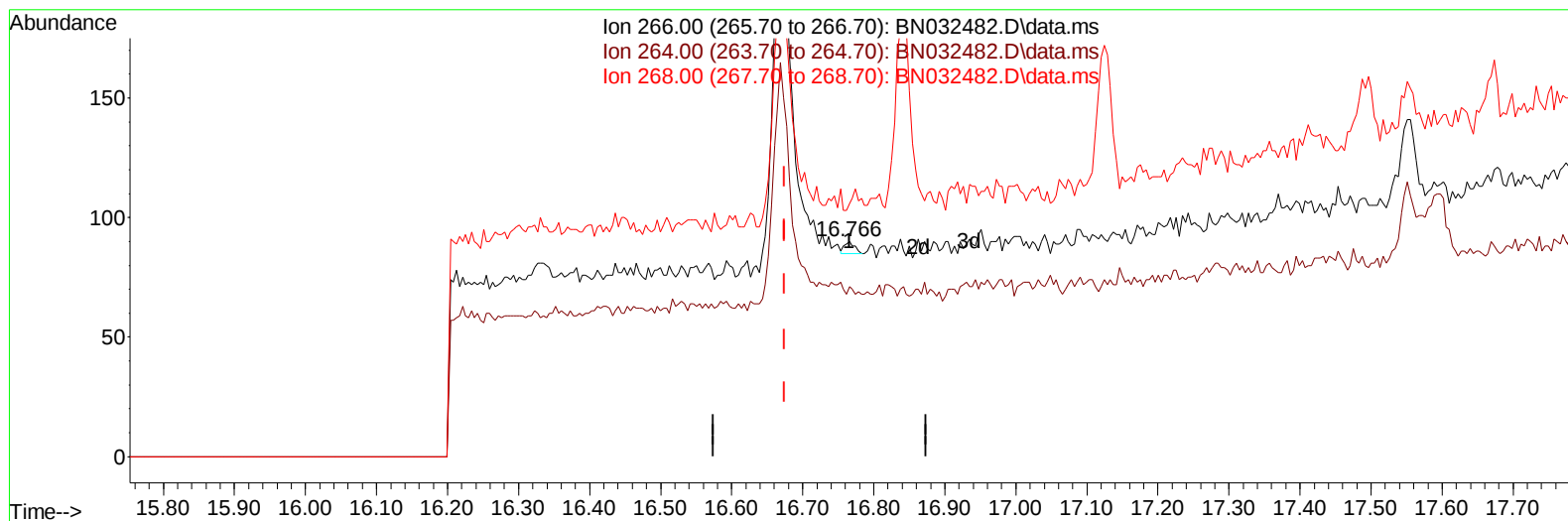
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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
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TIC: BN032482.D\data.ms

(14) Pentachloropheno1

16.766min (+ 0.092) 0.00 ng/u1

response

5

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	0.00#
268.00	65.50	140.00#
0.00	0.00	0.00

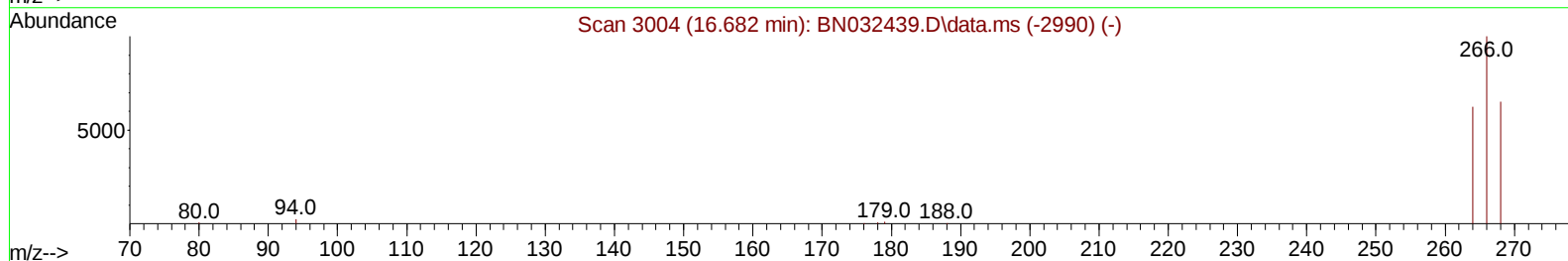
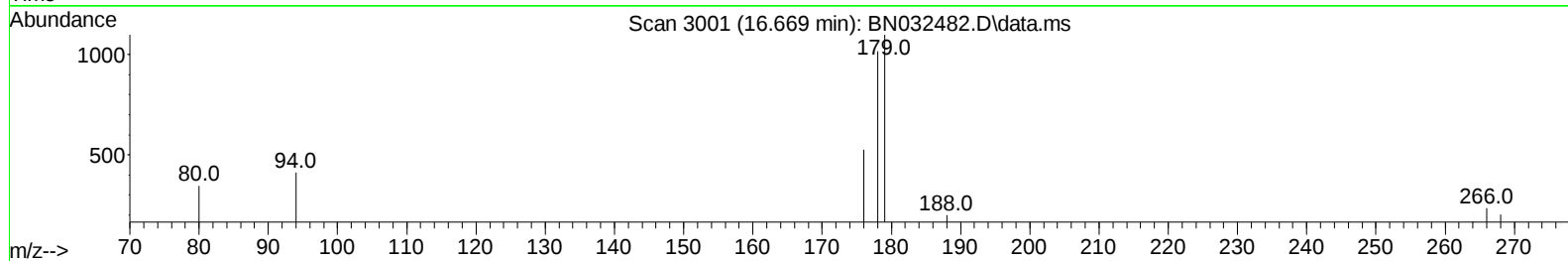
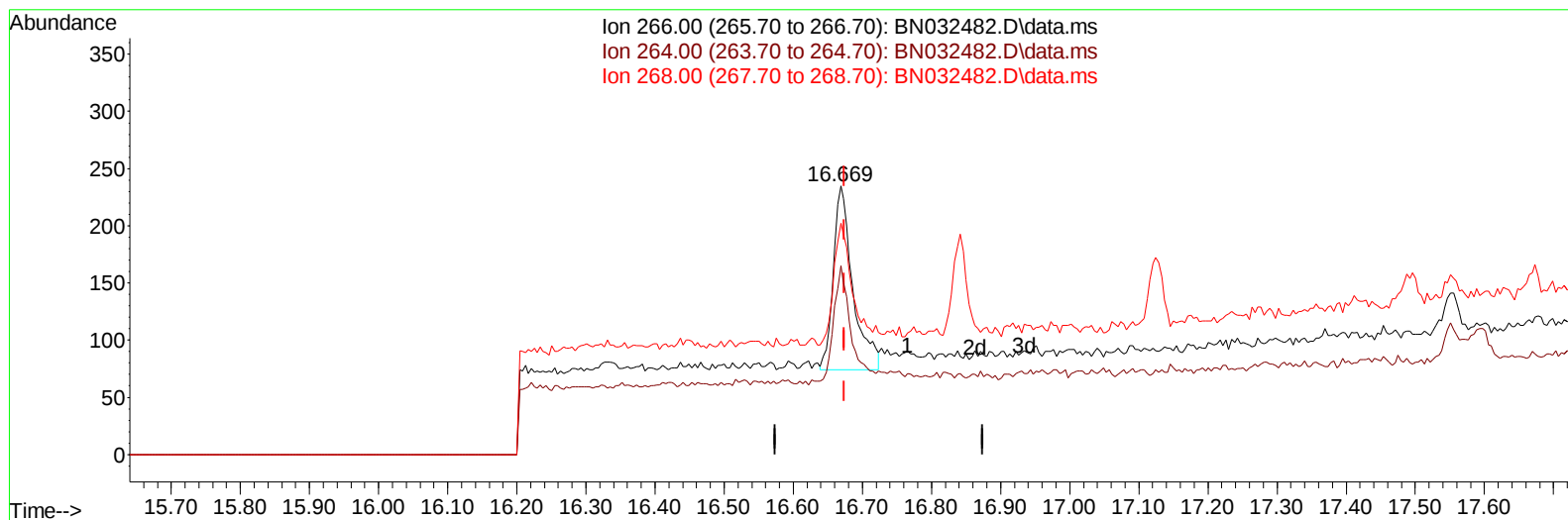
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032482.D
 Acq On : 04 Jul 2024 19:58
 Operator : MA/JU
 Sample : P2963-12
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(14) Pentachlorophenol

16.669min (-0.005) 0.06 ng/ul m

response 317

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	0.00#
268.00	65.50	2.21#
0.00	0.00	0.00

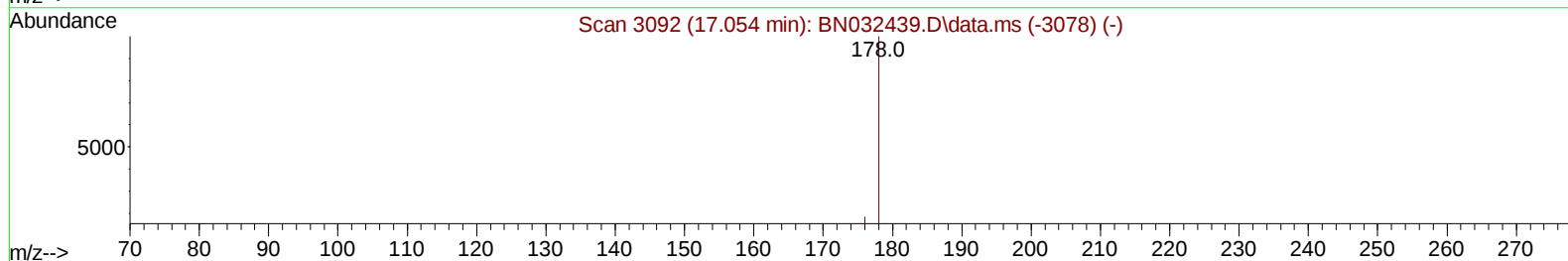
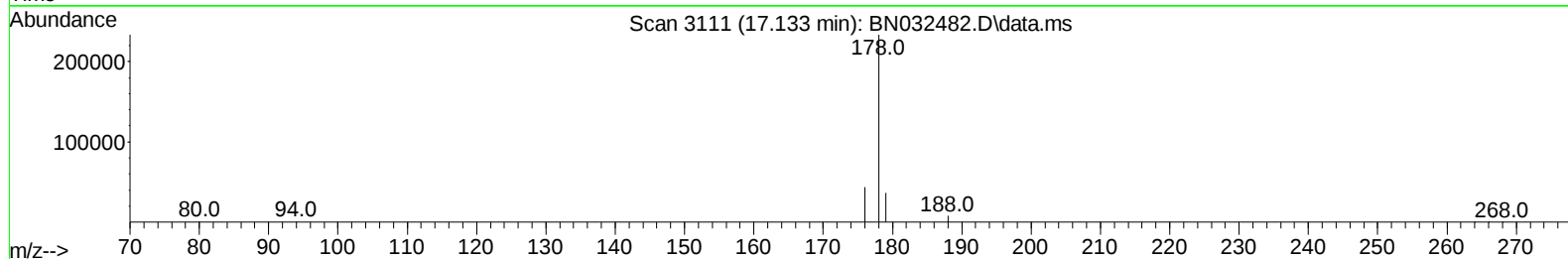
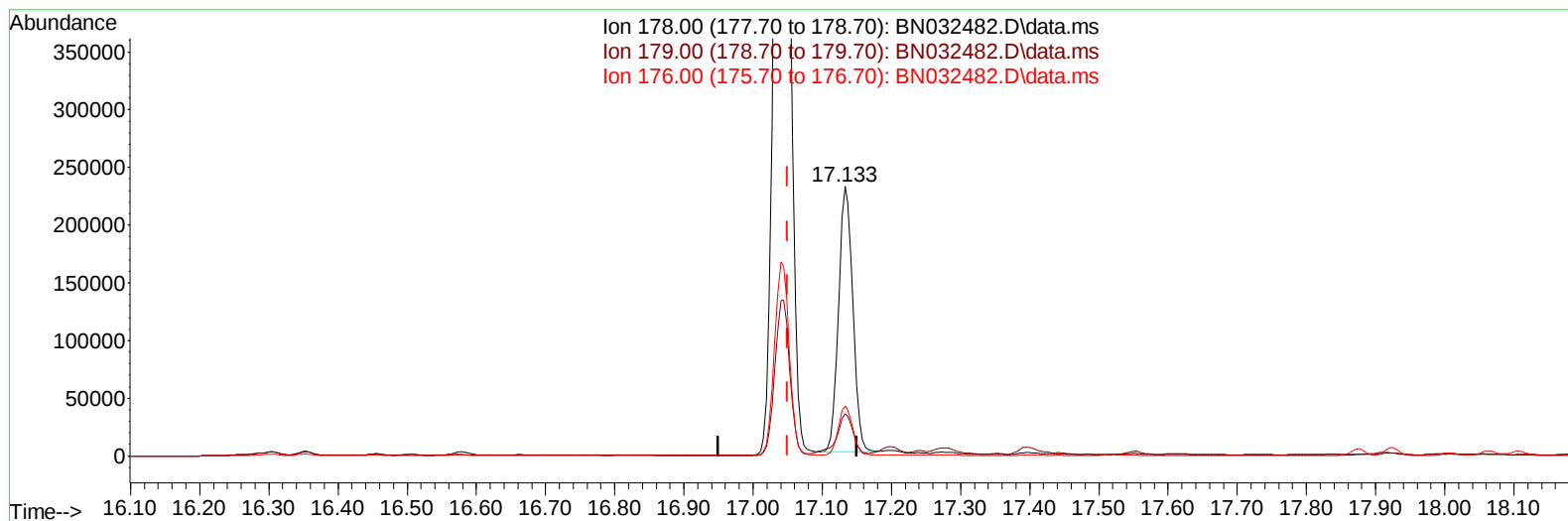
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(15) Phenanthrene

17.133min (+ 0.083) 4.96 ng/u1

response 328600

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.64
176.00	19.50	18.64
0.00	0.00	0.00

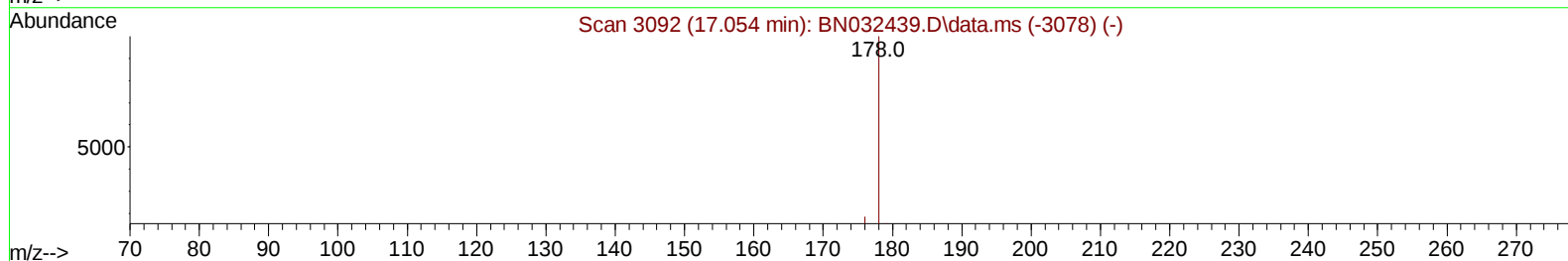
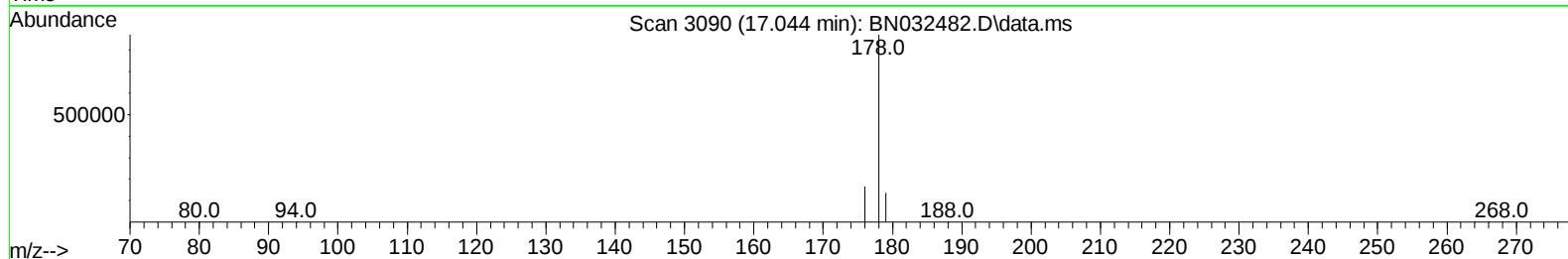
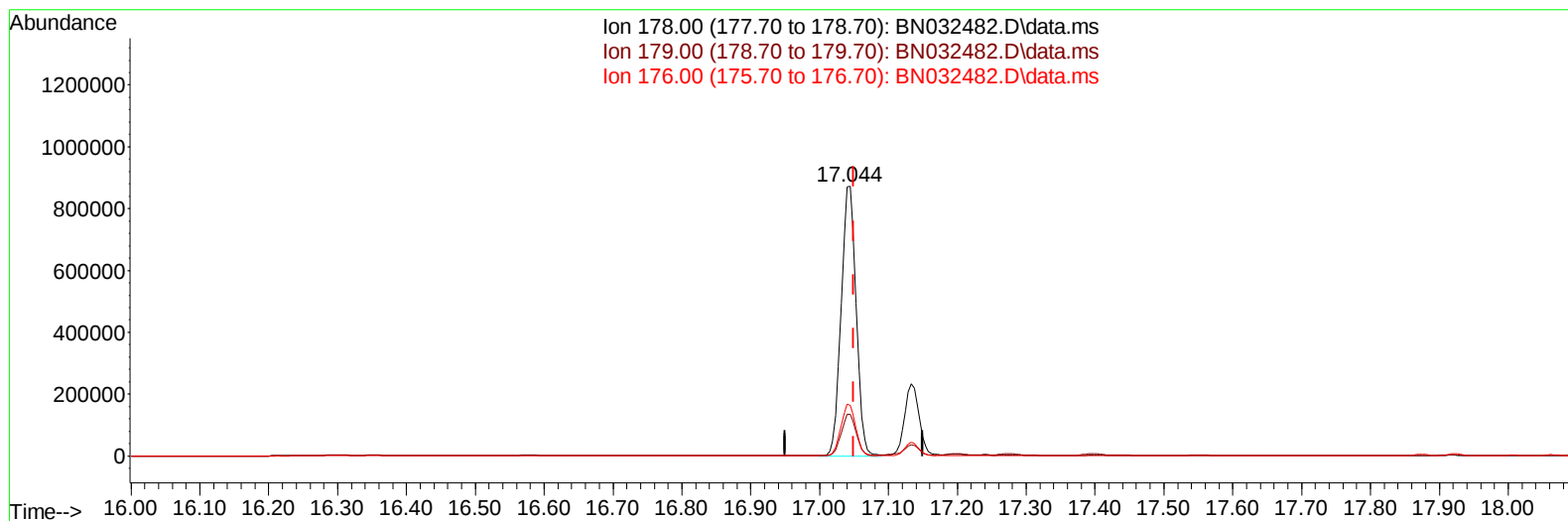
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(15) Phenanthrene

17.044min (-0.005) 19.83 ng/ul m

response 1312351

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.54
176.00	19.50	18.86
0.00	0.00	0.00

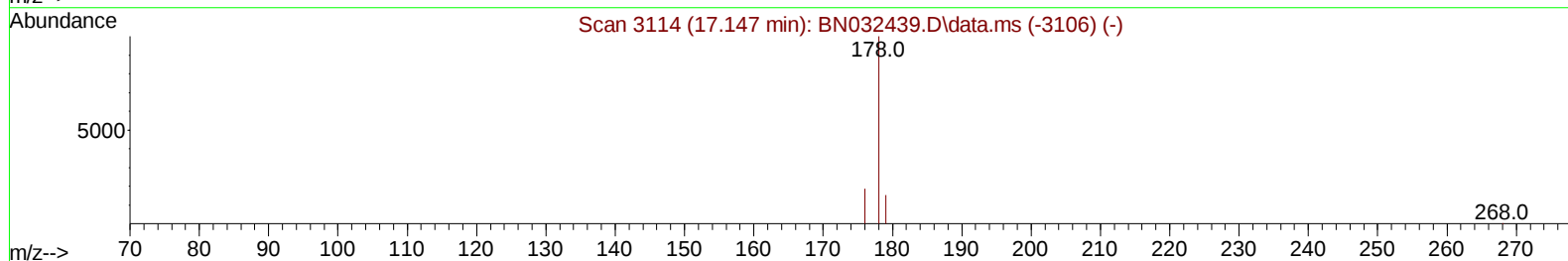
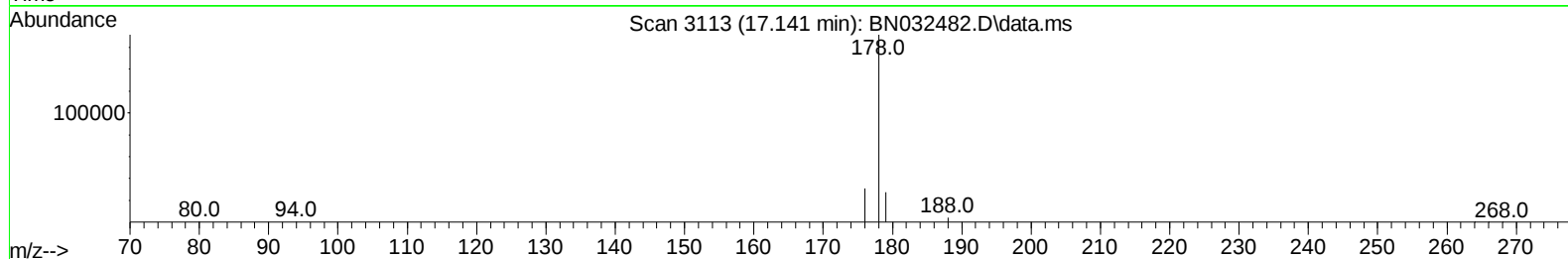
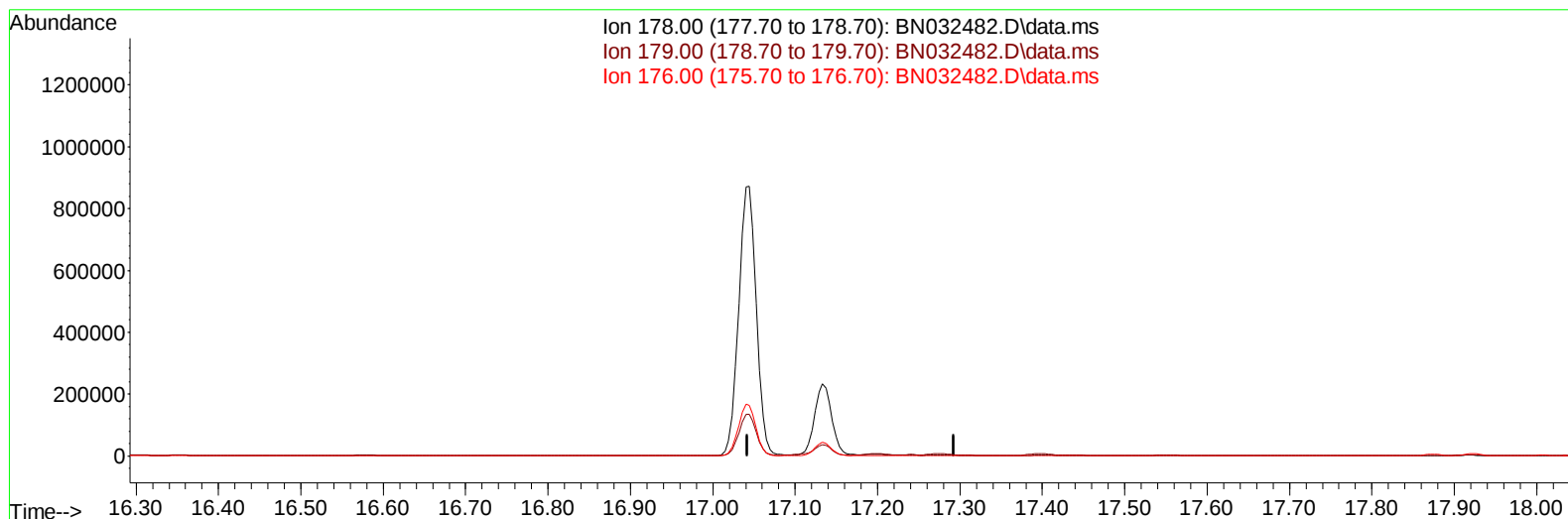
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032482.D
 Acq On : 04 Jul 2024 19:58
 Operator : MA/JU
 Sample : P2963-12
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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
 Response via : Initial Calibration

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



TIC: BN032482.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

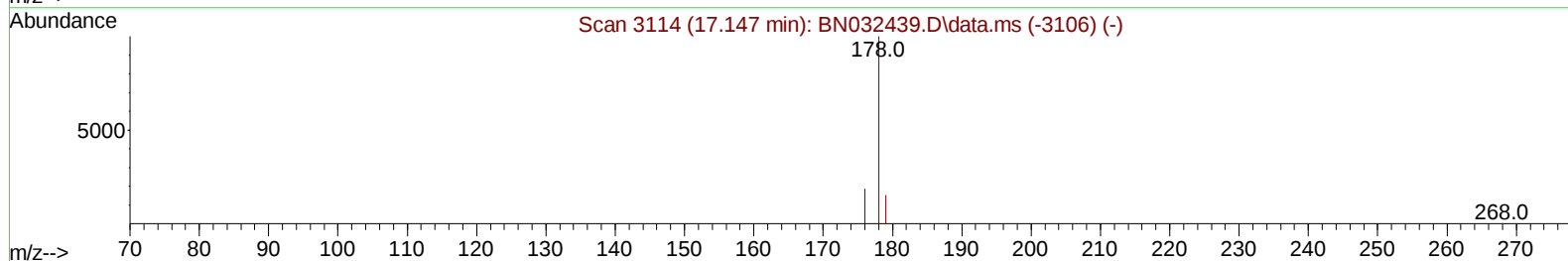
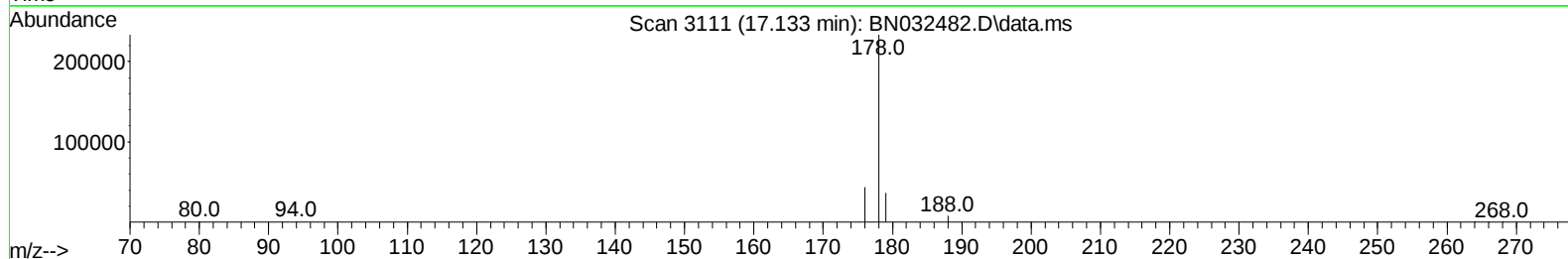
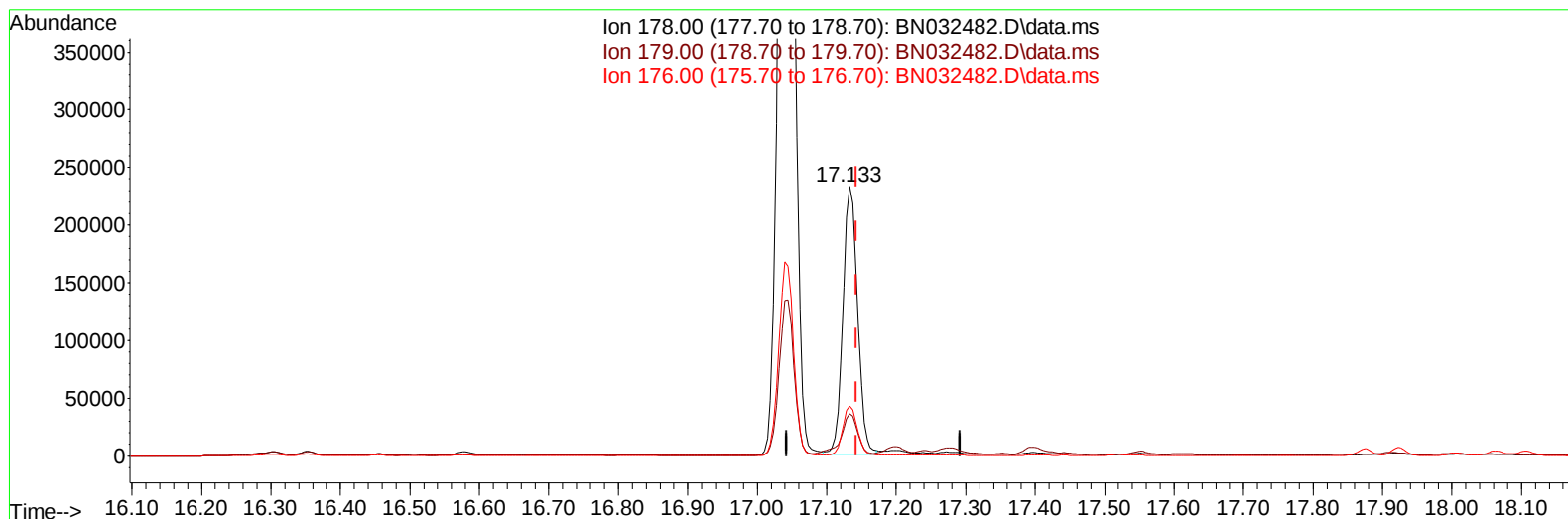
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(16) Anthracene

17.133min (-0.010) 5.71 ng/ul m

response 336922

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.64
176.00	18.80	18.64
0.00	0.00	0.00

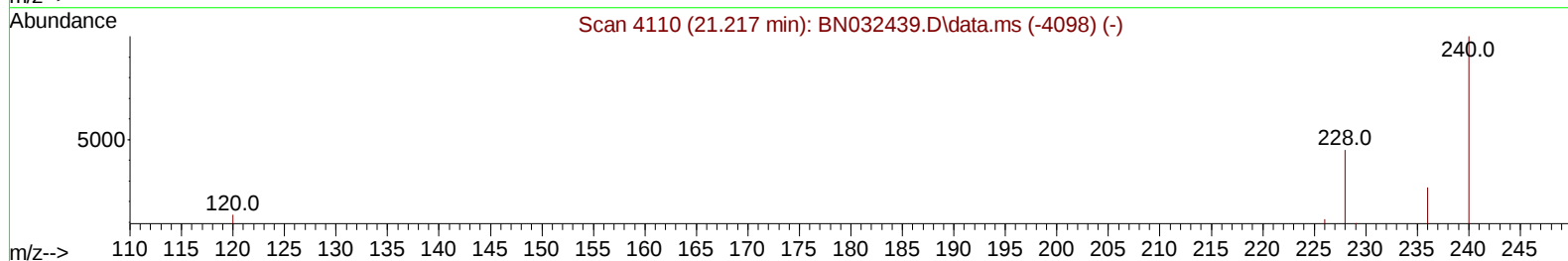
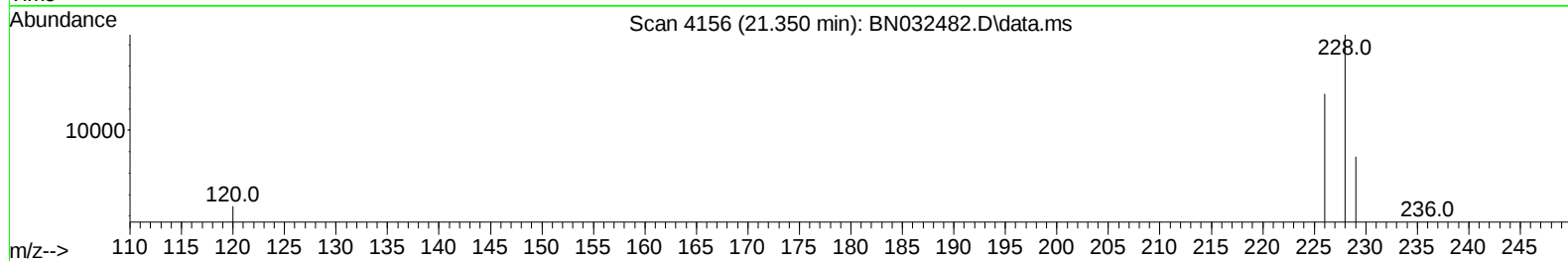
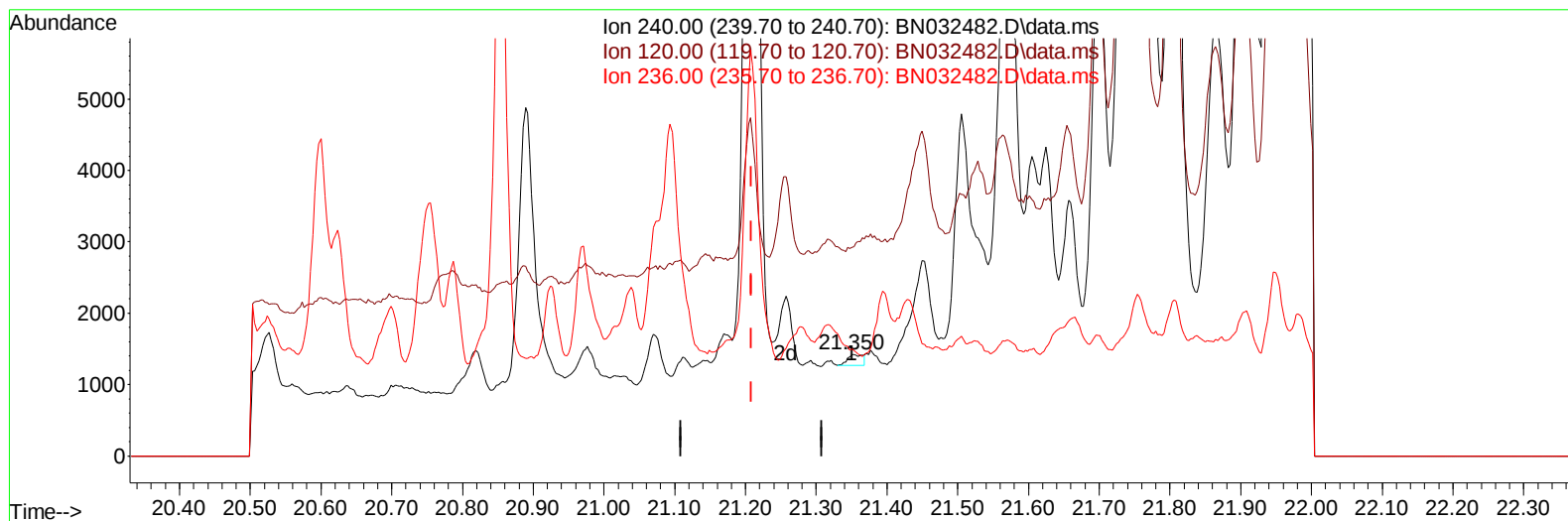
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Wed Jul 03 03:26:42 2024
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TIC: BN032482.D\data.ms

(17) Chrysene-d12

21.350min (+ 0.142) 0.40 ng/u1

response 226

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	205.69#
236.00	28.40	105.34#
0.00	0.00	0.00

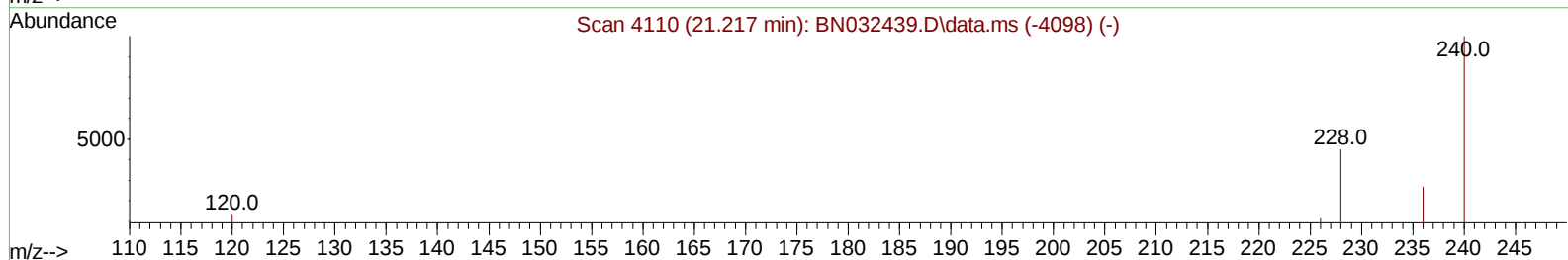
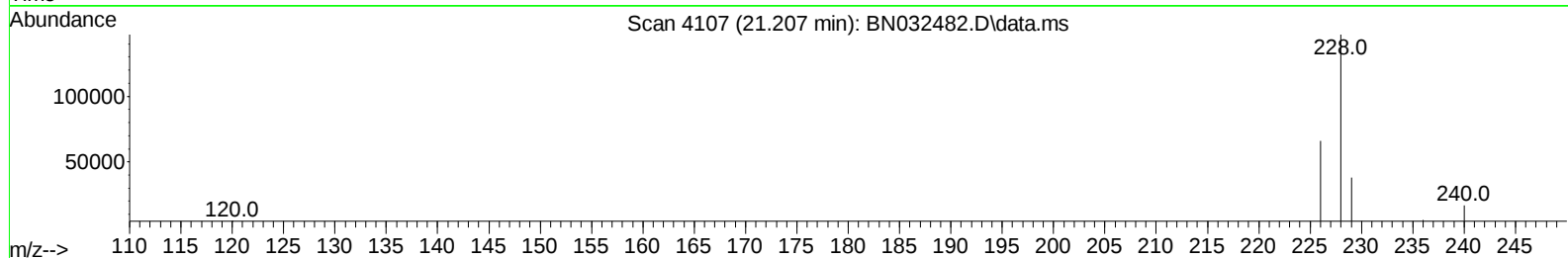
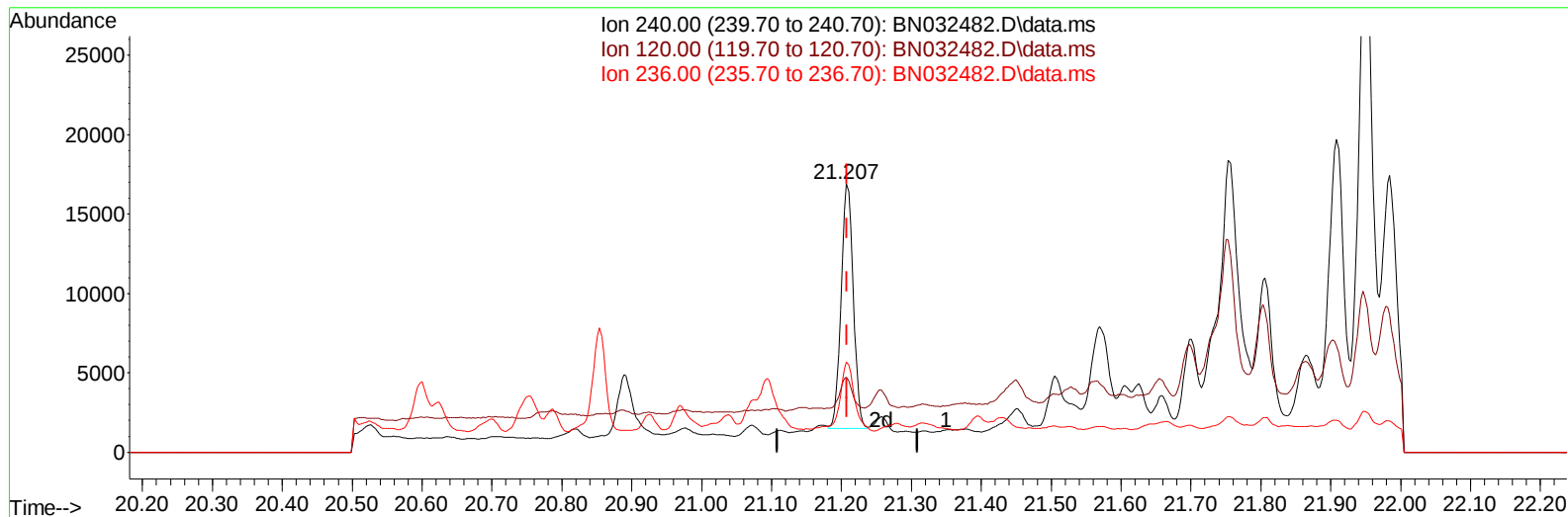
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(17) Chrysene-d12

21.207min (-0.001) 0.40 ng/ul m

response 18630

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	28.02#
236.00	28.40	33.63
0.00	0.00	0.00

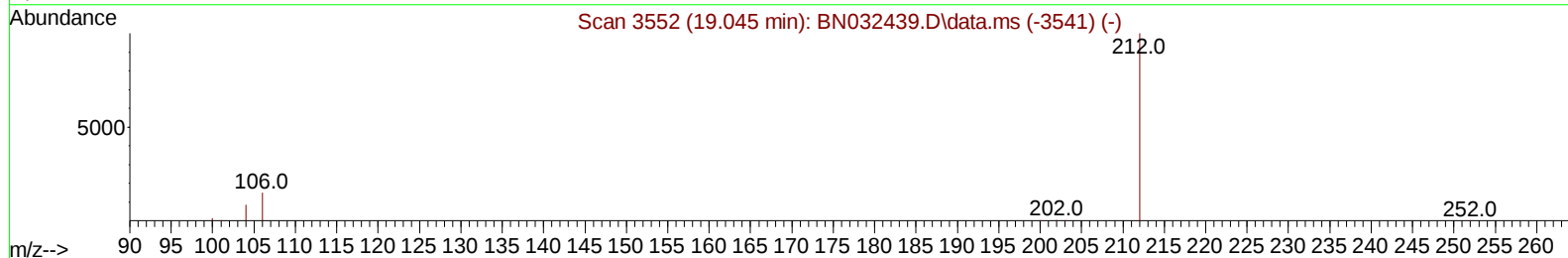
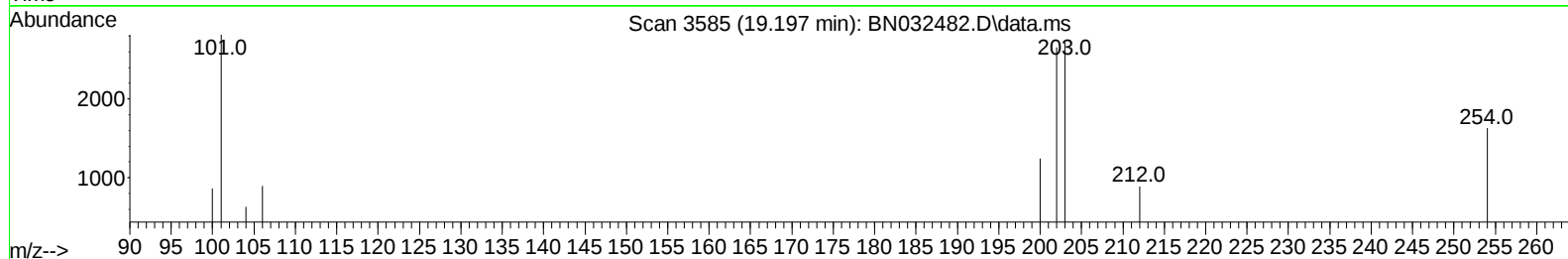
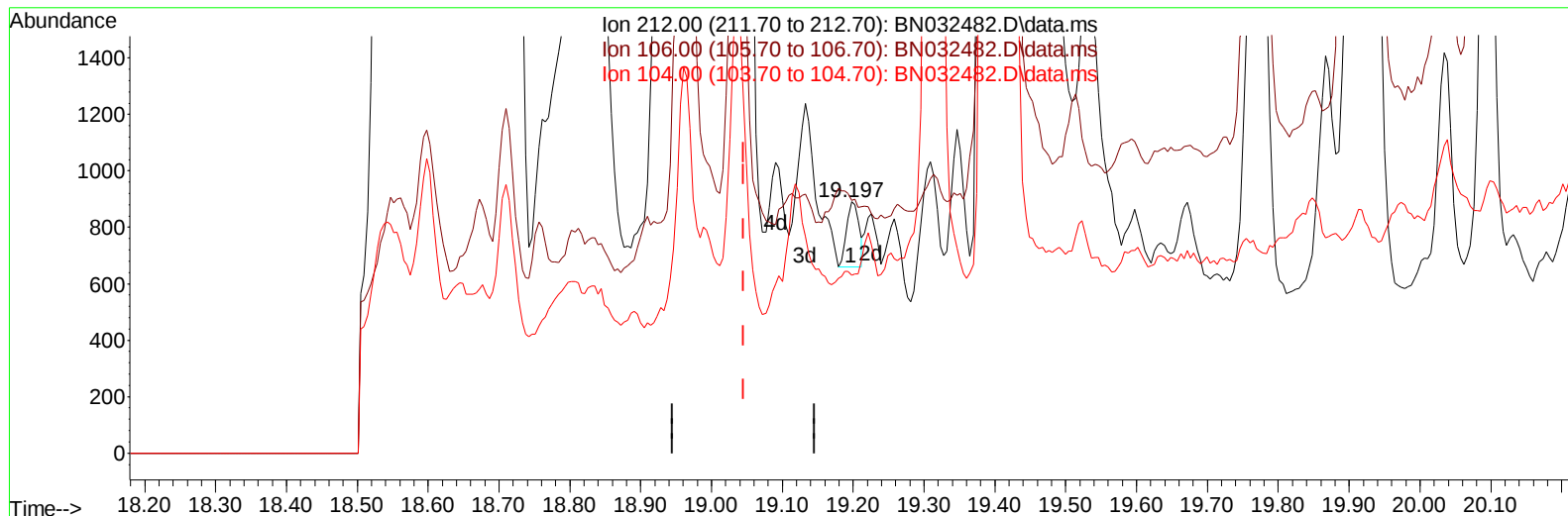
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

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TIC: BN032482.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.197min (+ 0.152) 0.01 ng/u1

response 281

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	112.81#
104.00	8.40	21.71#
0.00	0.00	0.00

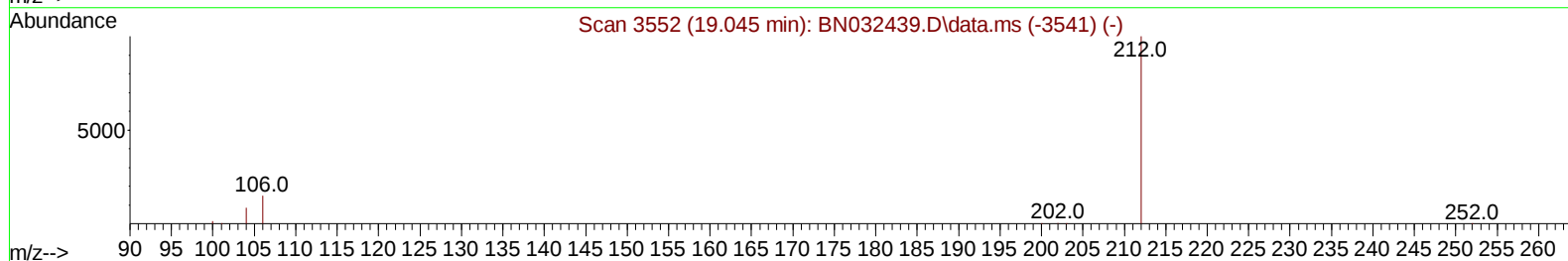
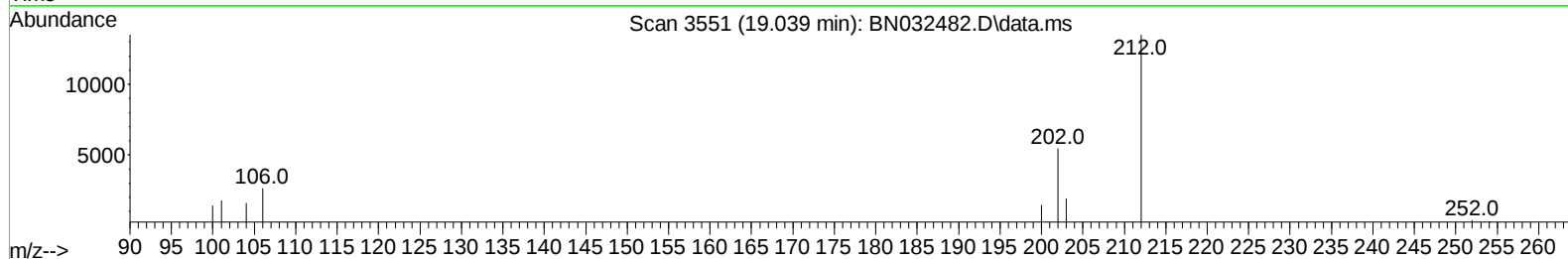
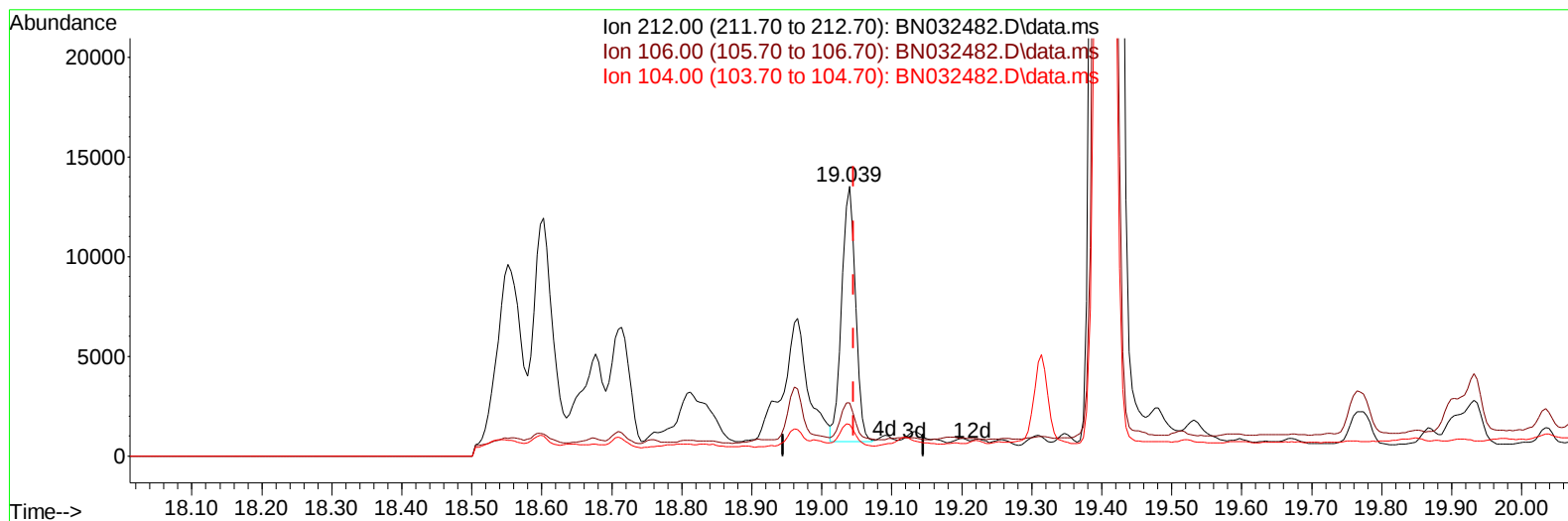
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

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Response via : Initial Calibration

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



TIC: BN032482.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.039min (-0.006) 0.31 ng/ul m

response 17427

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	1.82#
104.00	8.40	0.35#
0.00	0.00	0.00

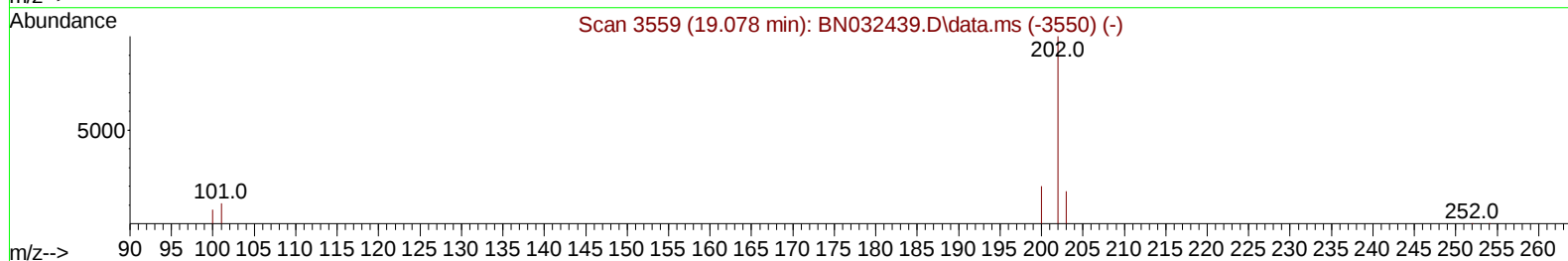
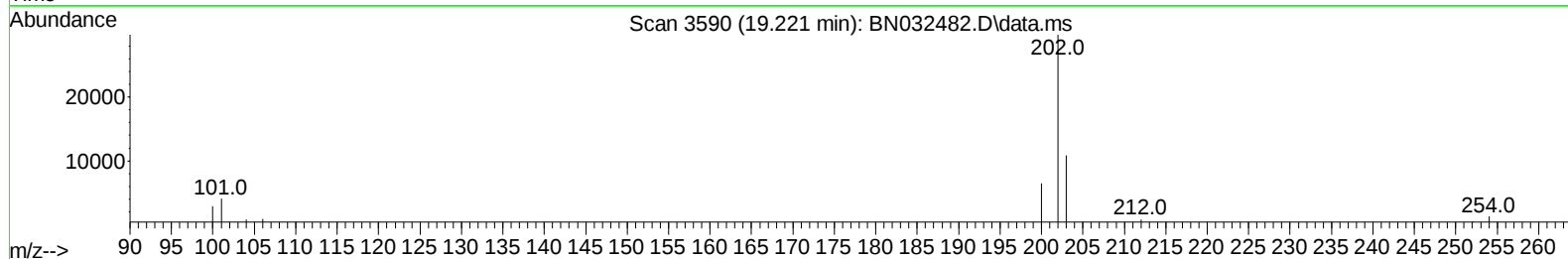
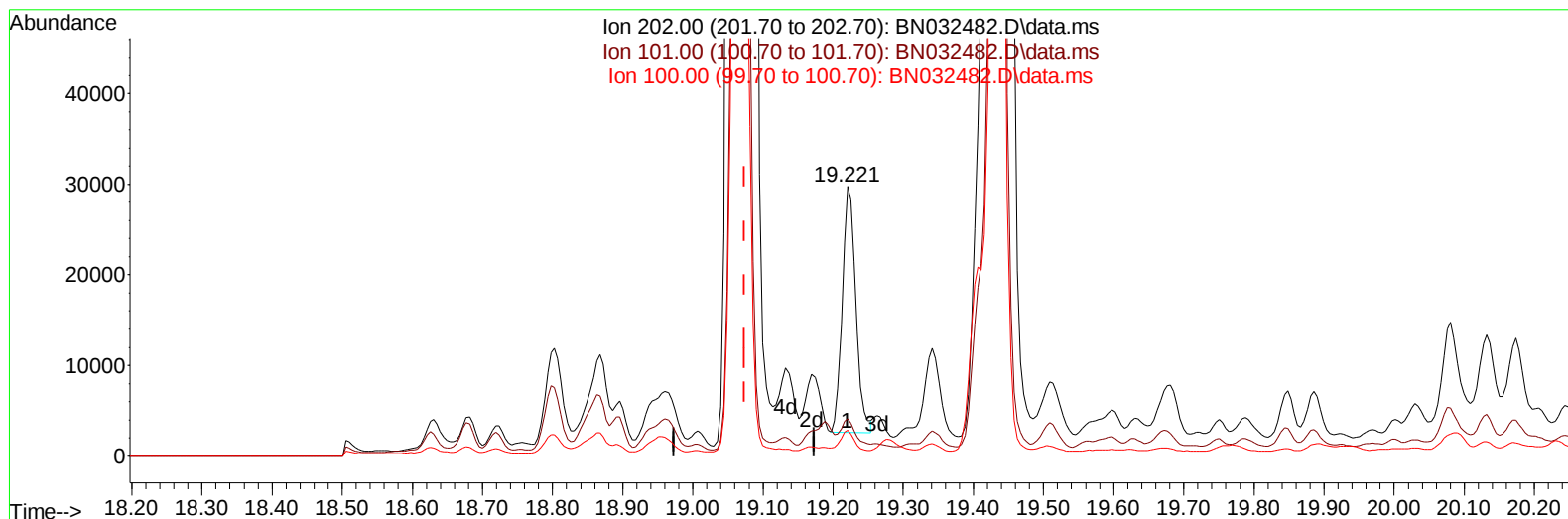
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032482.D\data.ms

(19) Fluoranthene (C)

19.221min (+ 0.148) 0.52 ng/u1

response 36674

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	13.71#
100.00	8.00	9.59
0.00	0.00	0.00

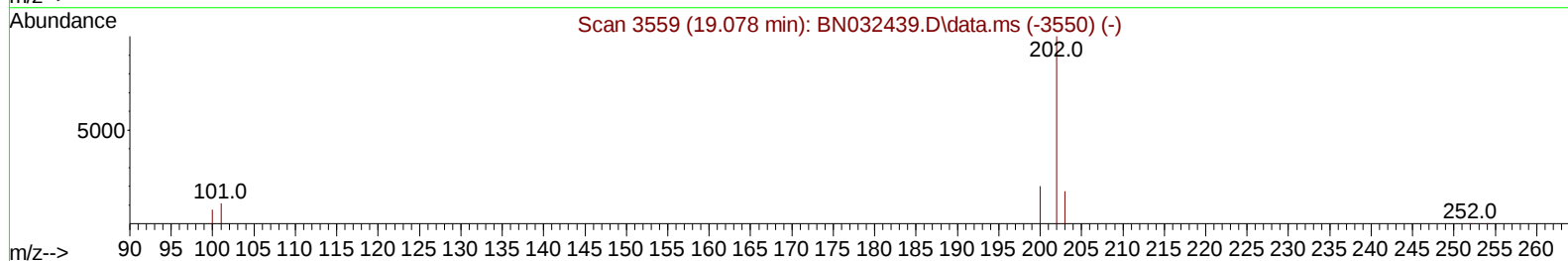
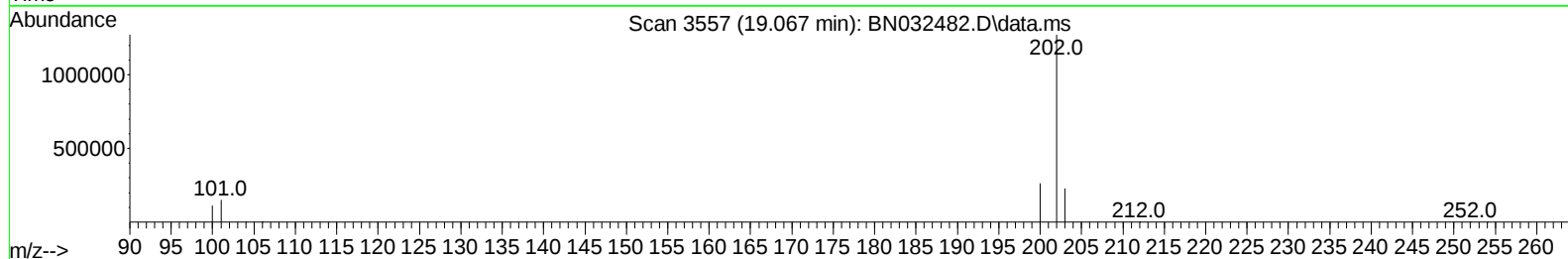
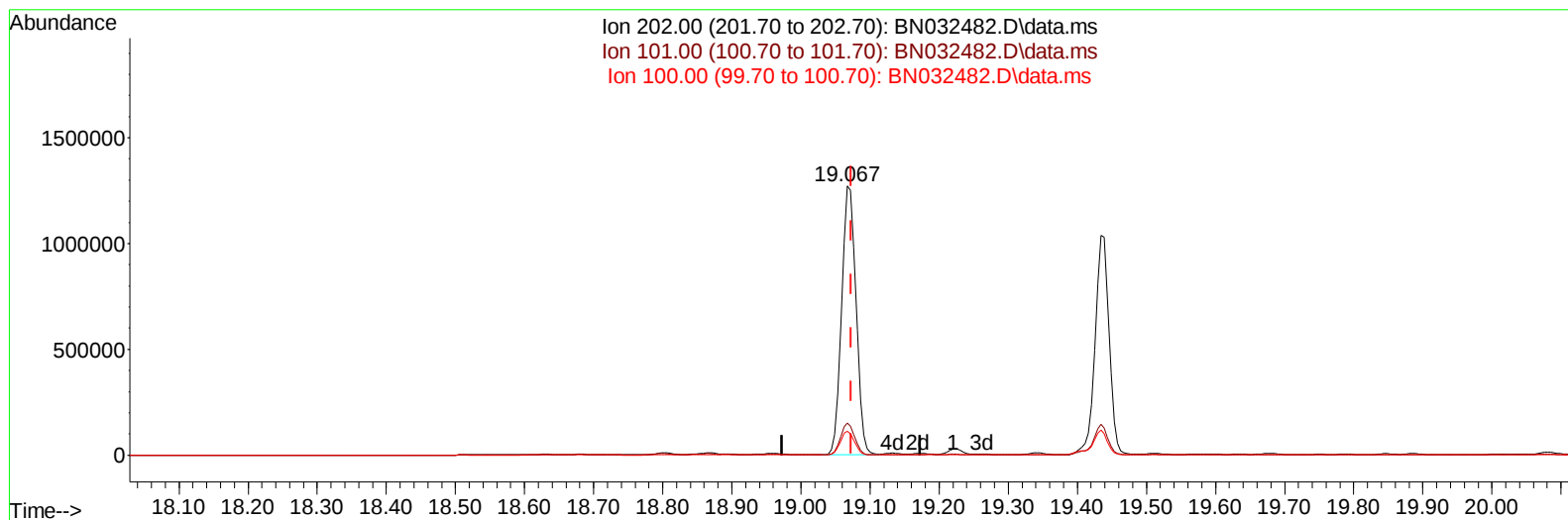
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(19) Fluoranthene (C)

19.067min (-0.006) 25.73 ng/u1 m

response 1825500

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.85
100.00	8.00	8.96
0.00	0.00	0.00

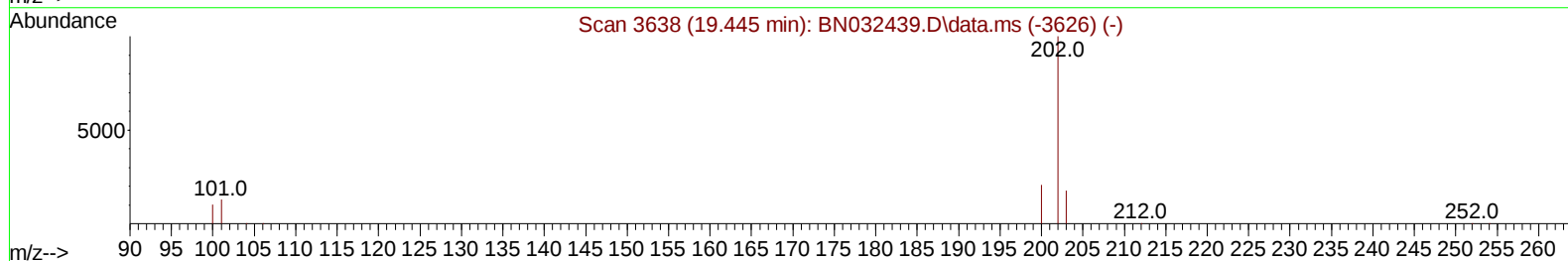
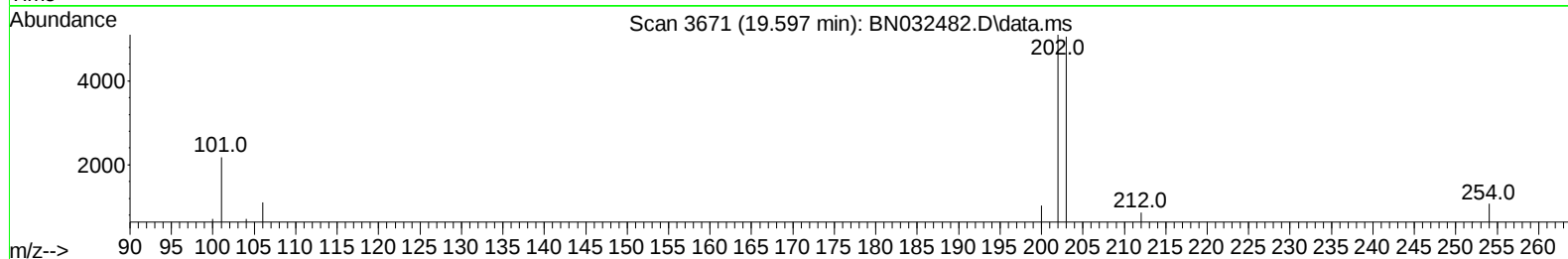
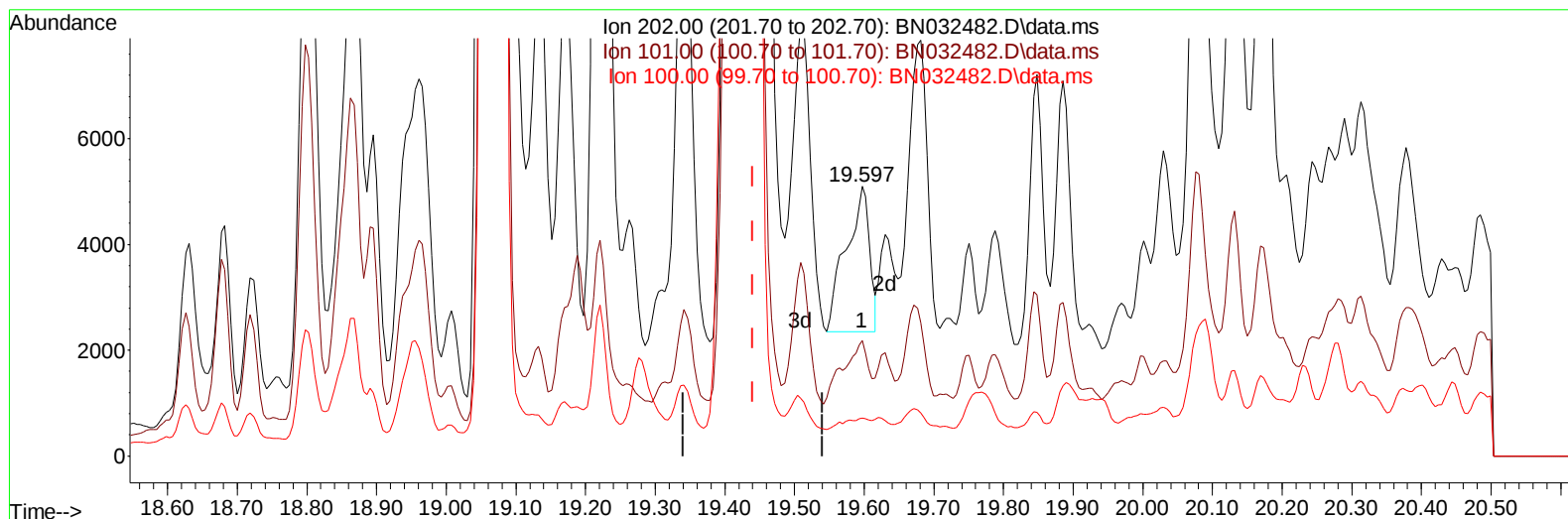
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032482.D
 Acq On : 04 Jul 2024 19:58
 Operator : MA/JU
 Sample : P2963-12
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(20) Pyrene

19.597min (+ 0.157) 0.09 ng/u1

response 6482

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	42.81#
100.00	10.90	14.05#
0.00	0.00	0.00

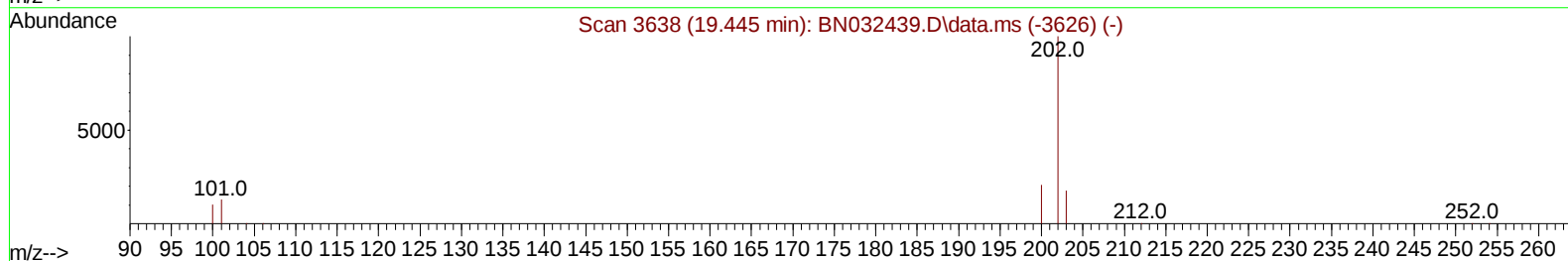
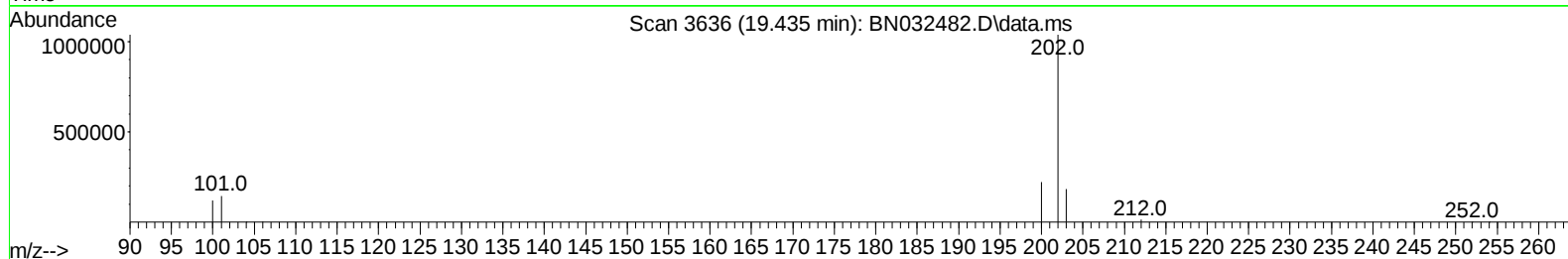
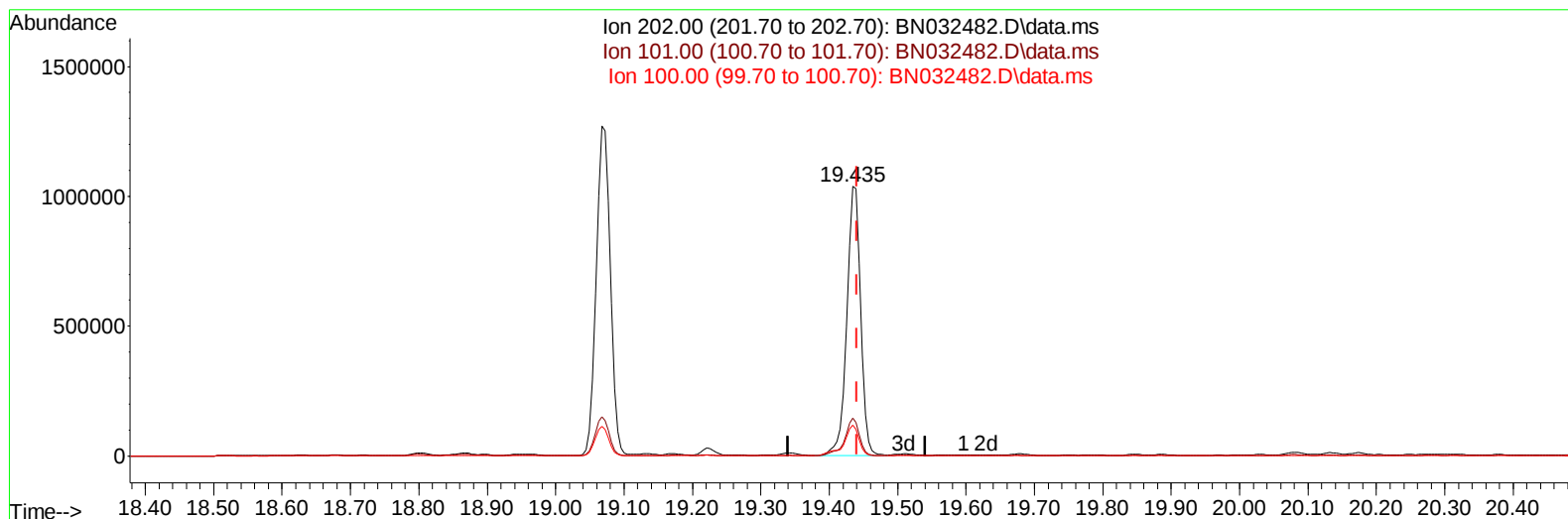
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(20) Pyrene

19.435min (-0.006) 19.60 ng/ul m

response 1453199

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	14.01
100.00	10.90	11.56
0.00	0.00	0.00

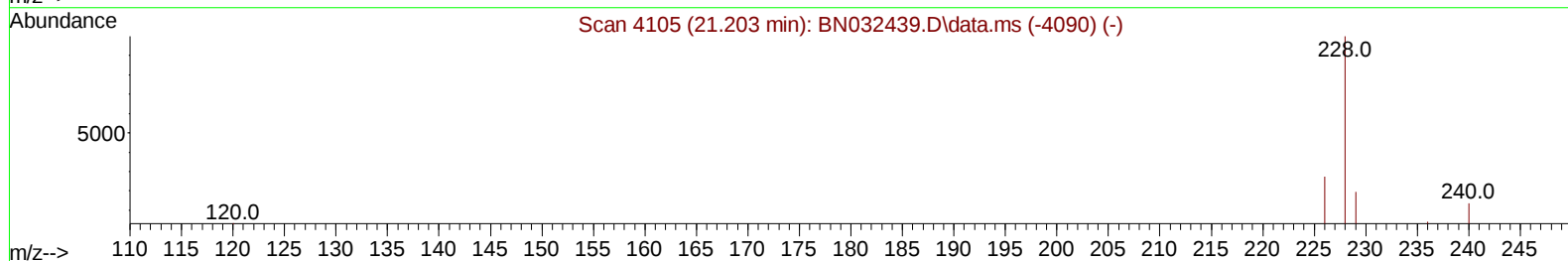
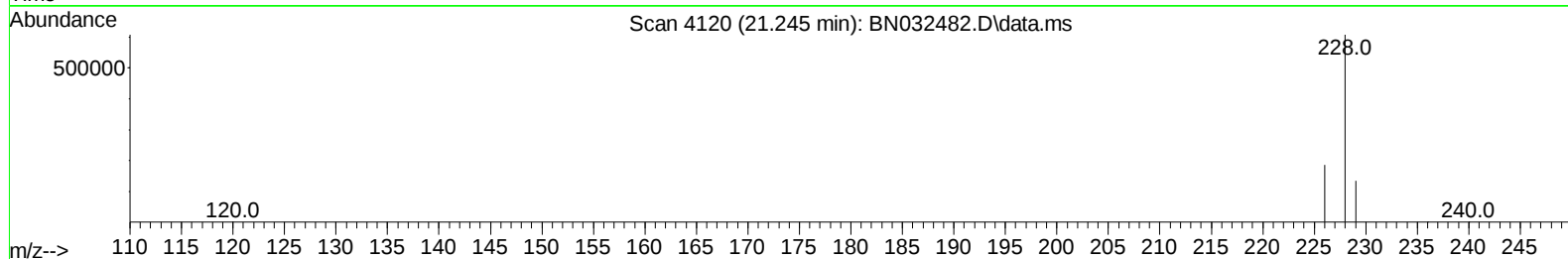
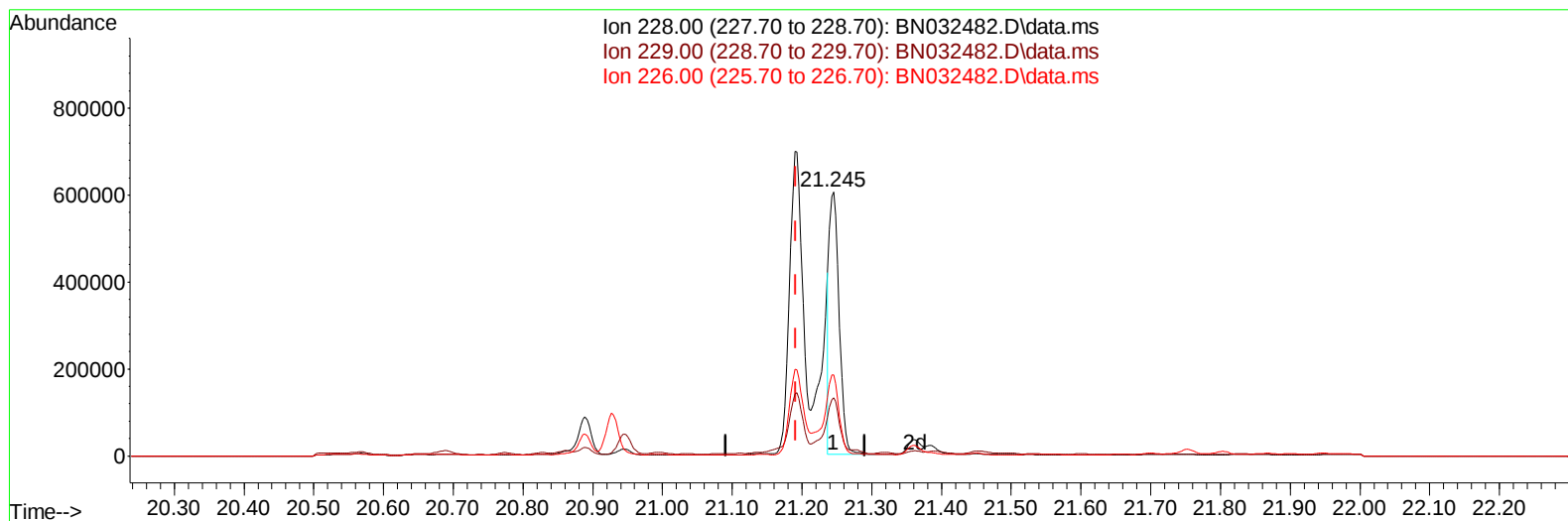
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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
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TIC: BN032482.D\data.ms

(21) Benzo(a)anthracene

21.245min (+ 0.054) 8.81 ng/u1

response 592097

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.05
226.00	27.30	30.63
0.00	0.00	0.00

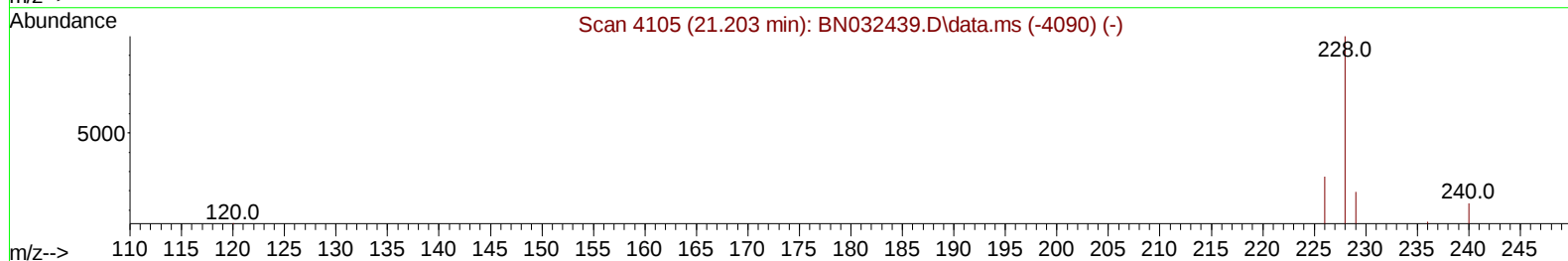
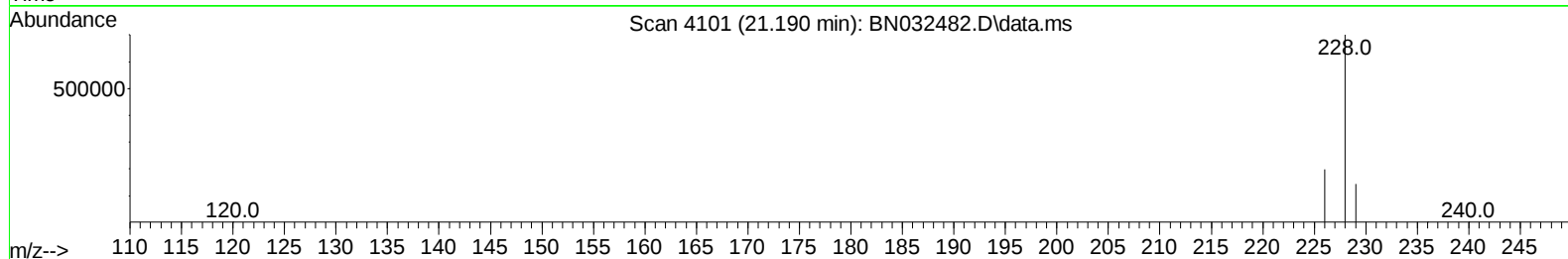
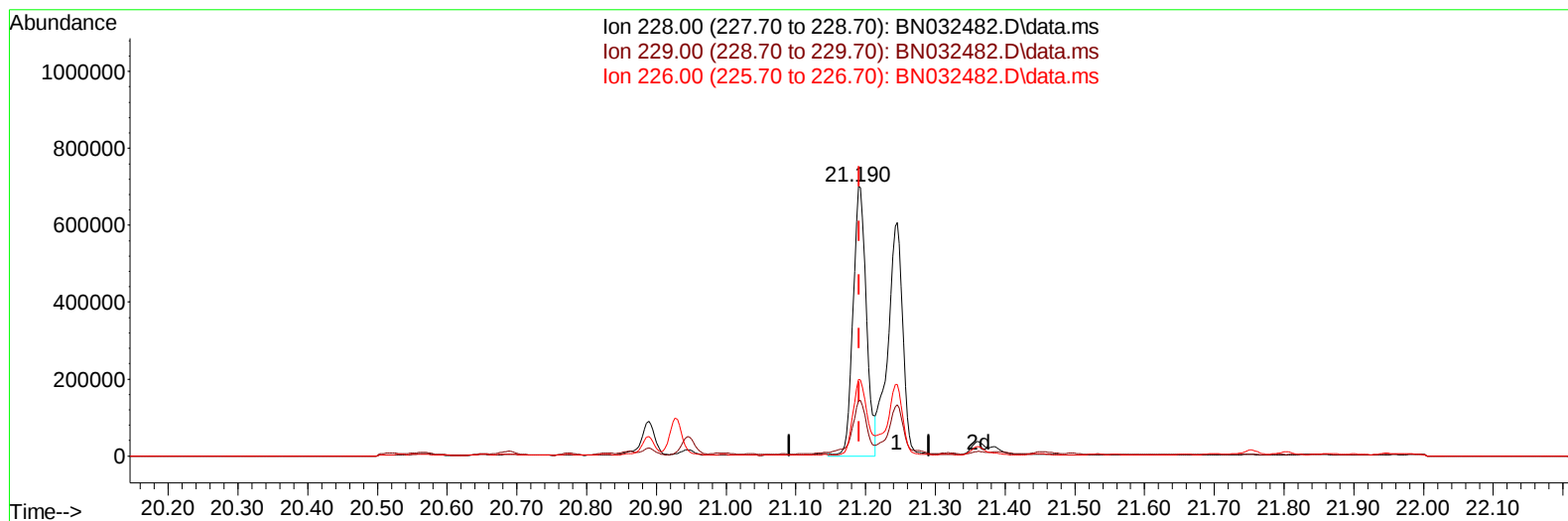
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032482.D
 Acq On : 04 Jul 2024 19:58
 Operator : MA/JU
 Sample : P2963-12
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(21) Benzo(a)anthracene

21.190min (-0.001) 13.88 ng/ul m

response 933358

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.43
226.00	27.30	28.44
0.00	0.00	0.00

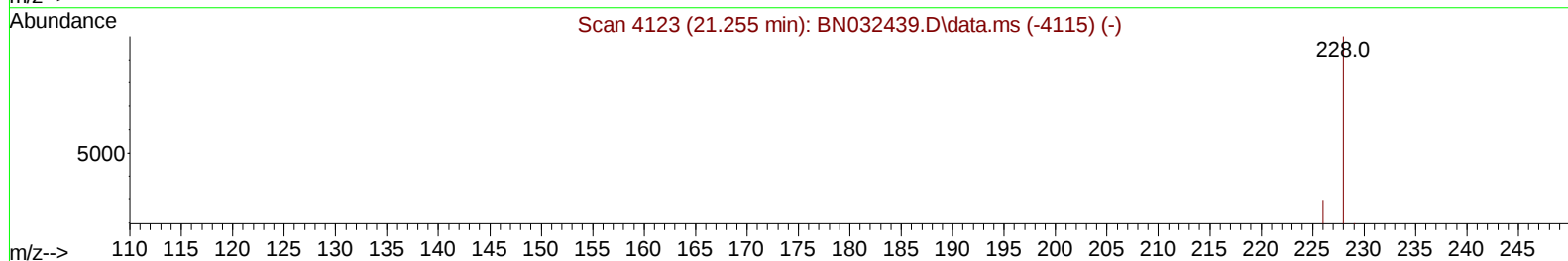
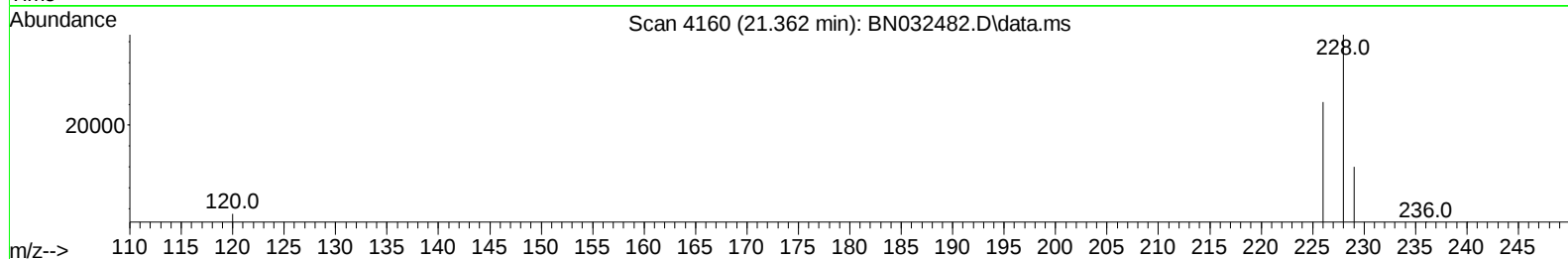
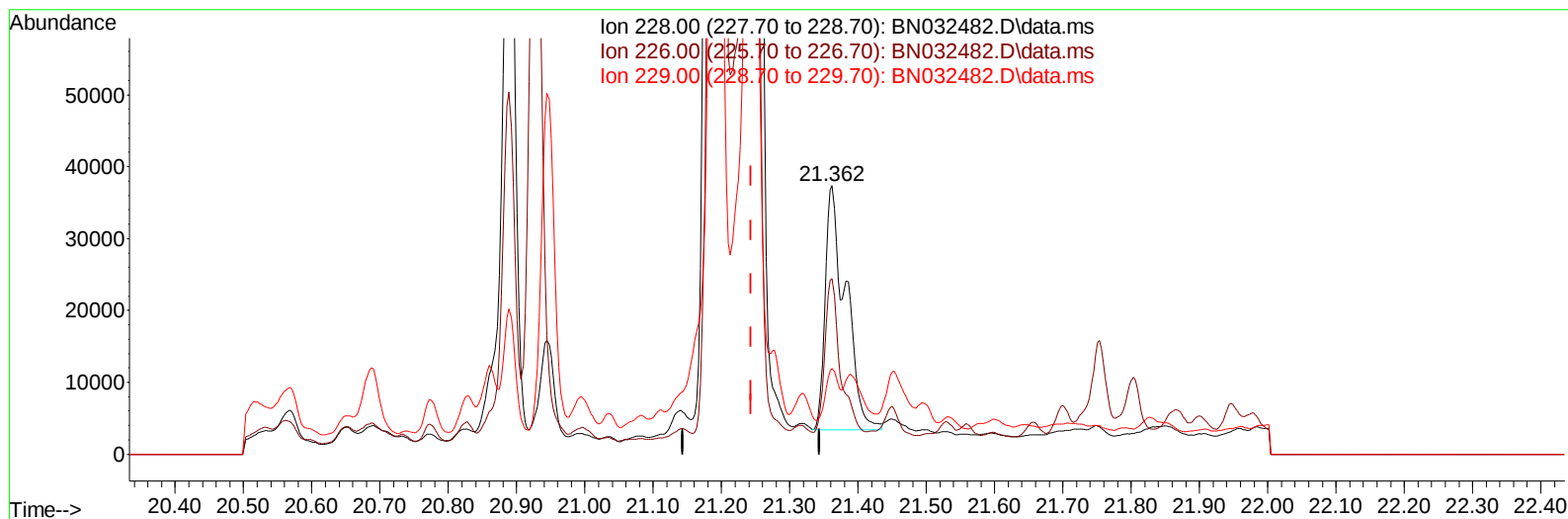
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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 07/05/2024



TIC: BN032482.D\data.ms

(22) Chrysene

21.362min (+ 0.119) 0.95 ng/u1

response 70315

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.47#
229.00	19.60	32.04#
0.00	0.00	0.00

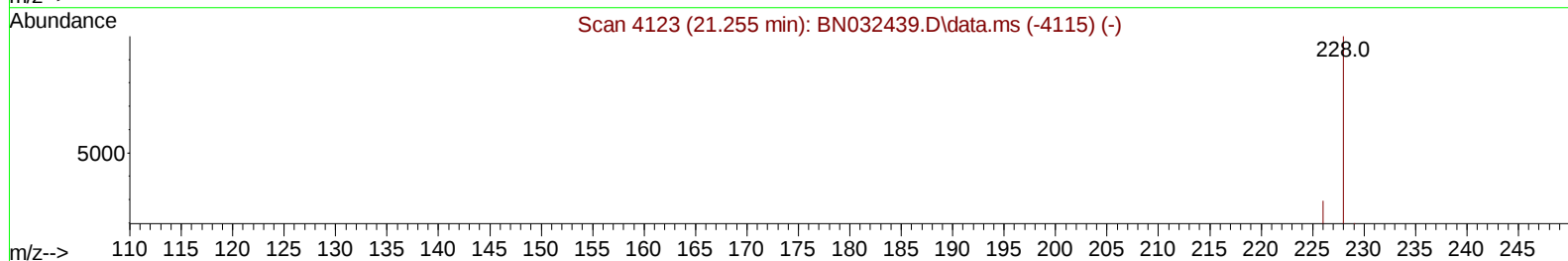
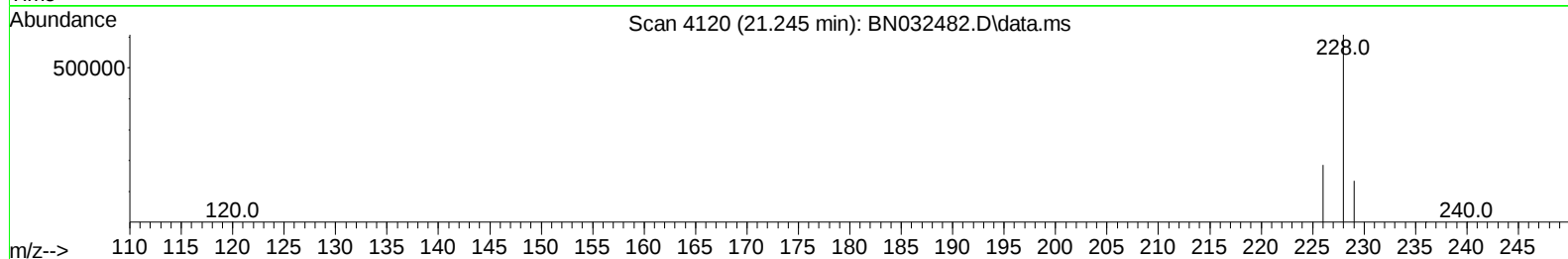
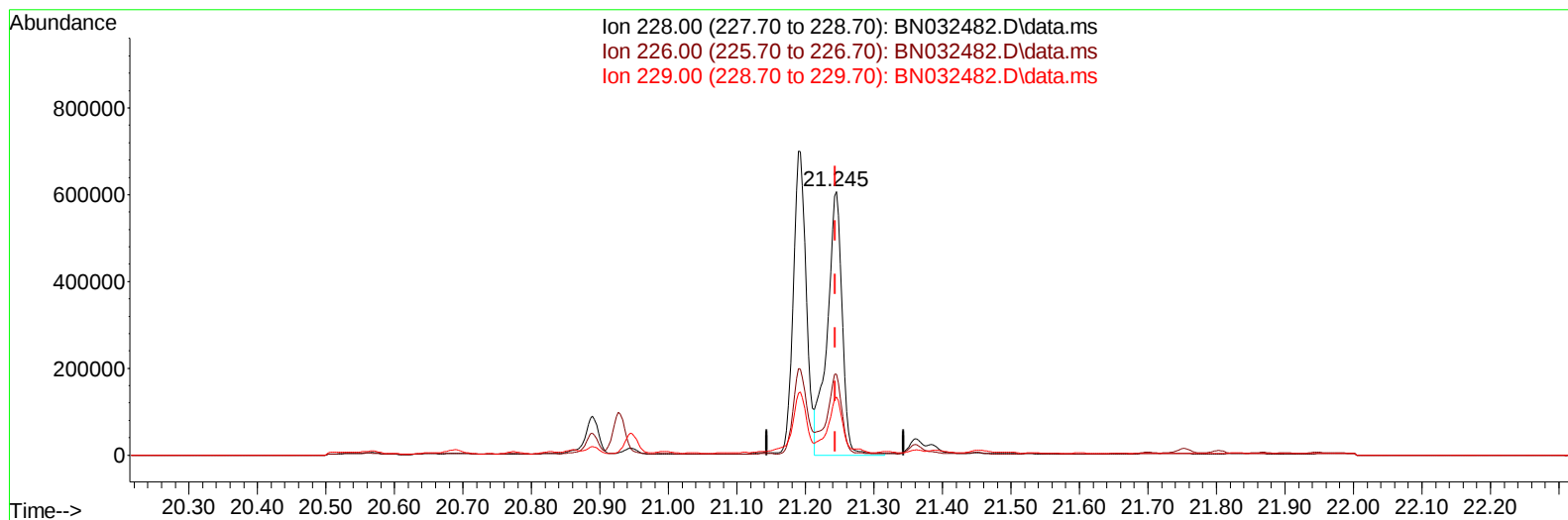
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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
Response via : Initial Calibration

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



TIC: BN032482.D\data.ms

(22) Chrysene

21.245min (+ 0.002) 12.46 ng/ul m

response 919287

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.63
229.00	19.60	22.05
0.00	0.00	0.00

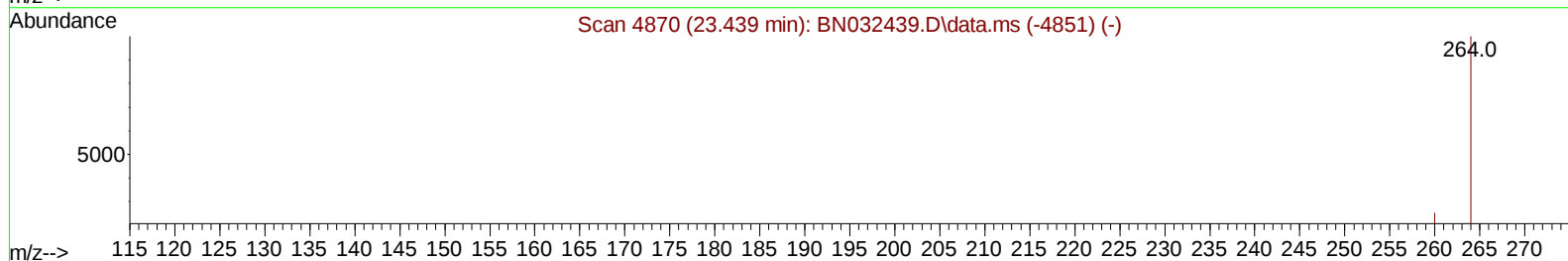
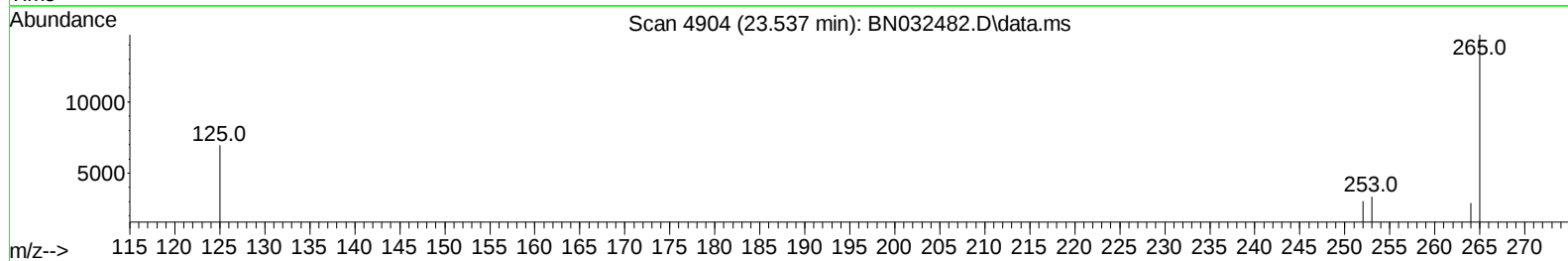
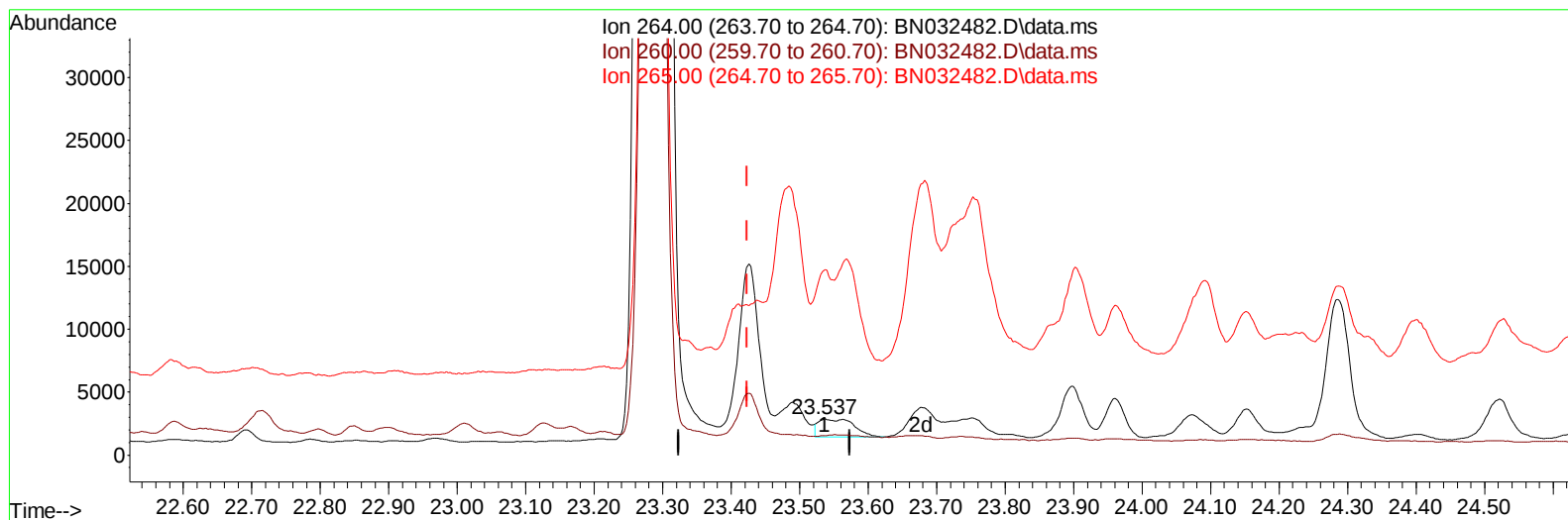
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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
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TIC: BN032482.D\data.ms

(23) Perylene-d12 (I)

23.537min (+ 0.113) 0.40 ng/u1

response 4920

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	54.09#
265.00	67.20	510.86#
0.00	0.00	0.00

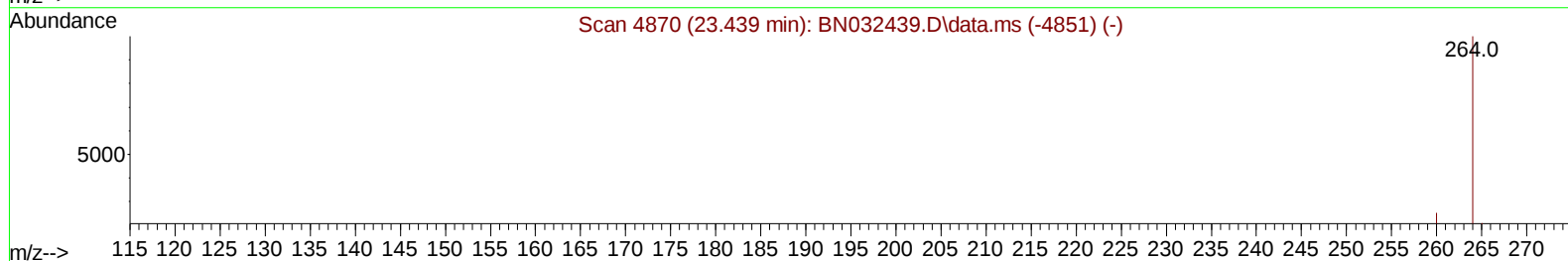
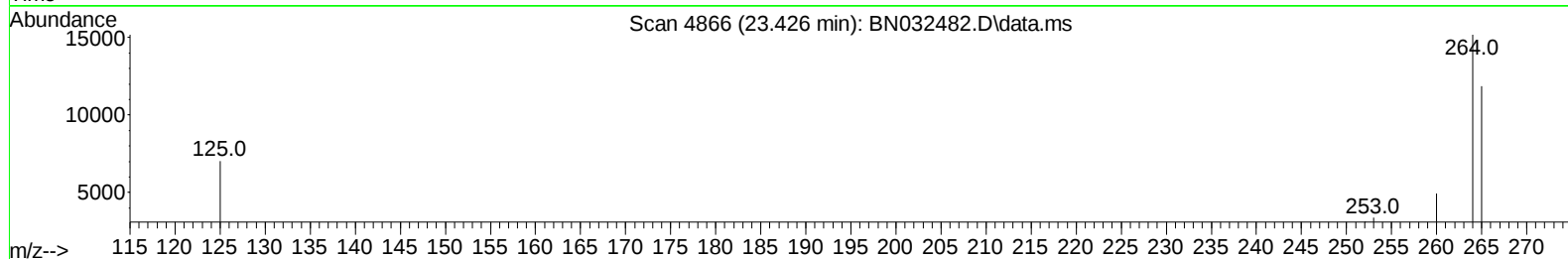
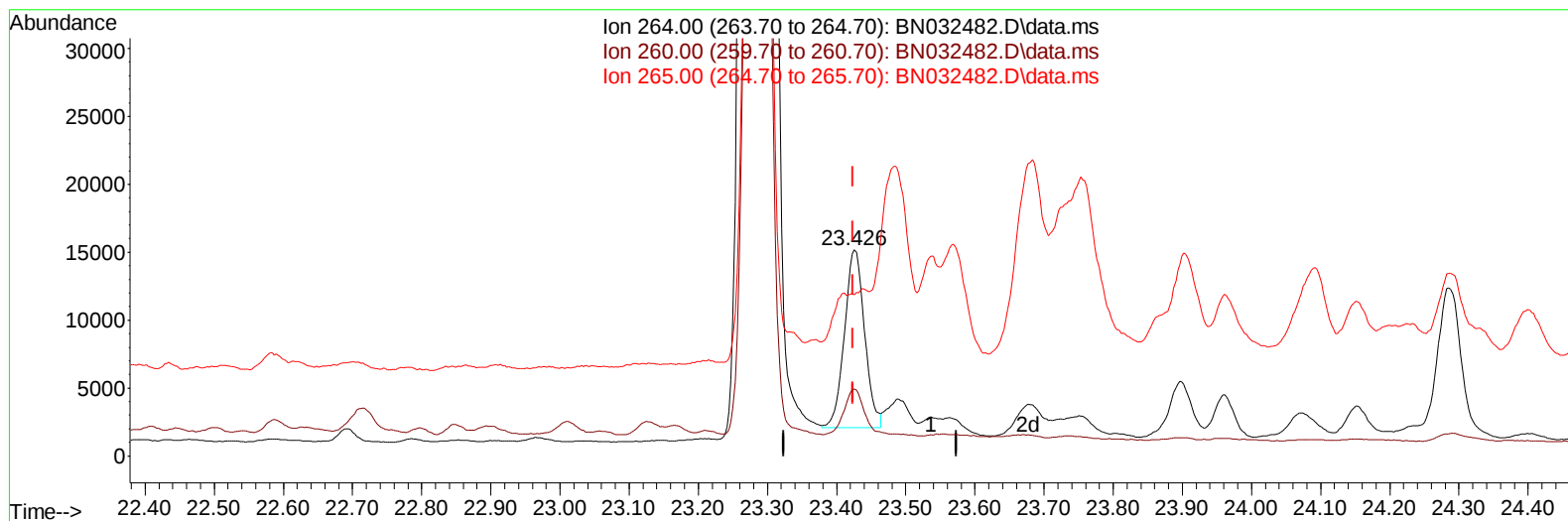
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 2024
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TIC: BN032482.D\data.ms

(23) Perylene-d12 (I)

23.426min (+ 0.002) 0.40 ng/ul m

response 26602

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	32.53#
265.00	67.20	78.14
0.00	0.00	0.00

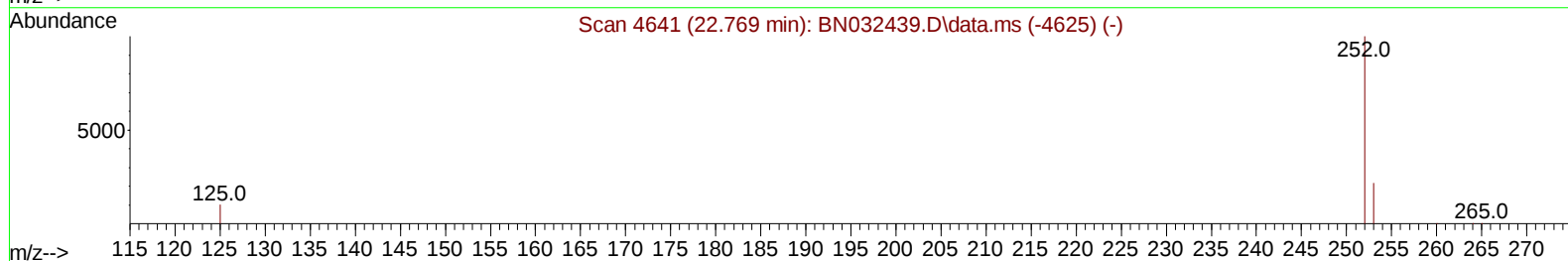
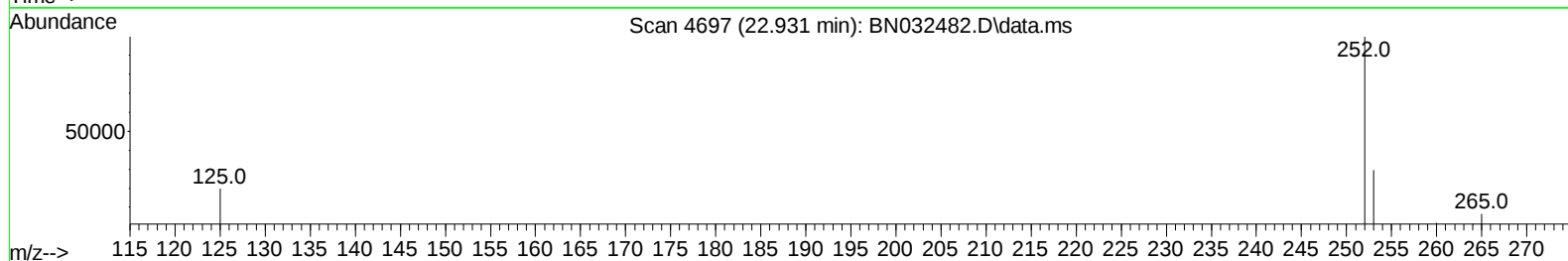
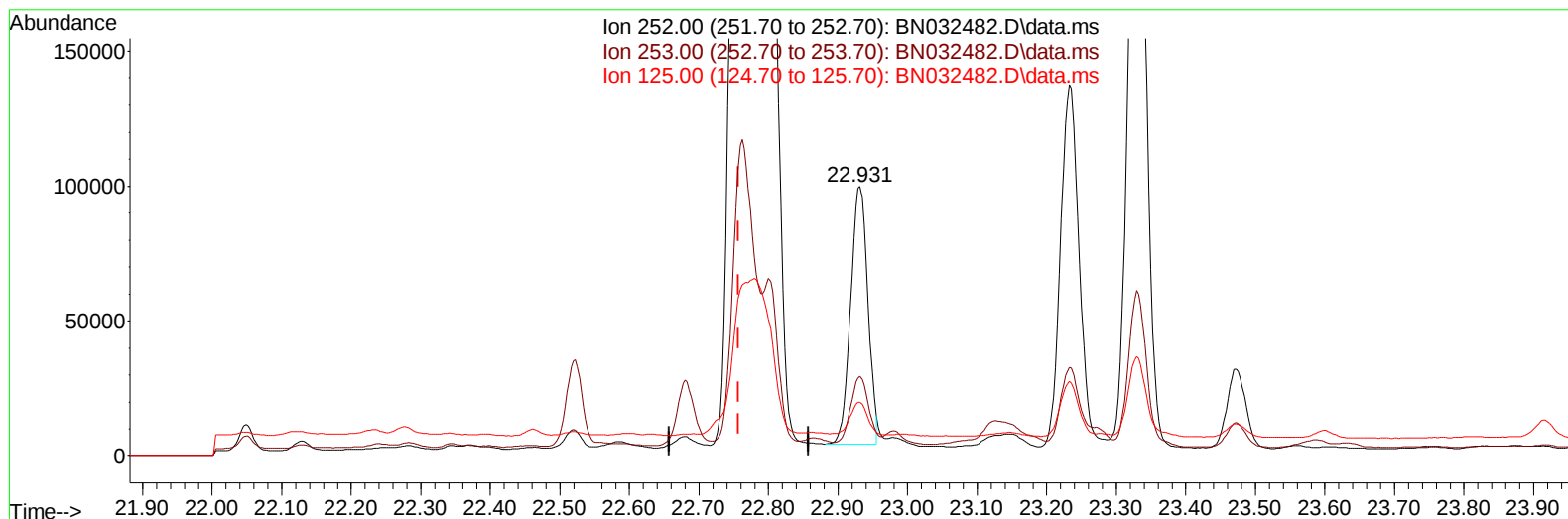
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 2024
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Reviewed By :Yogesh Patel 07/05/2024
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TIC: BN032482.D\data.ms

(24) Benzo(b)fluoranthene

22.931min (+ 0.174) 1.42 ng/u1

response 164049

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	29.51
125.00	16.00	19.90
0.00	0.00	0.00

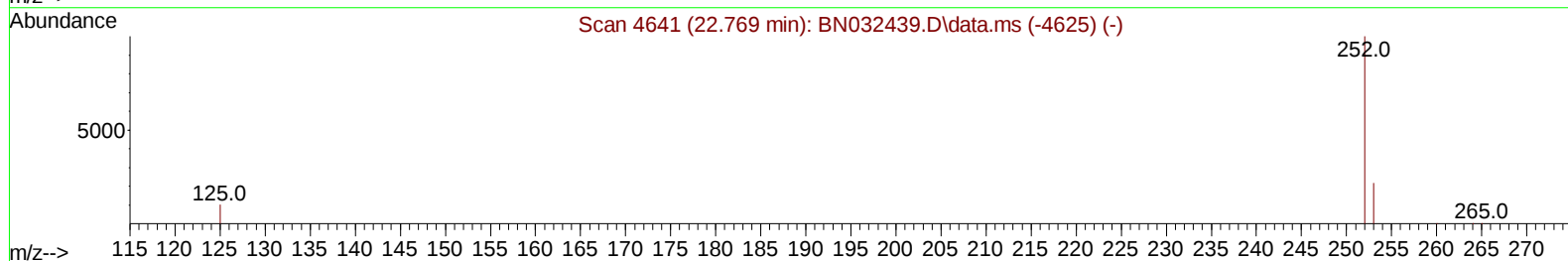
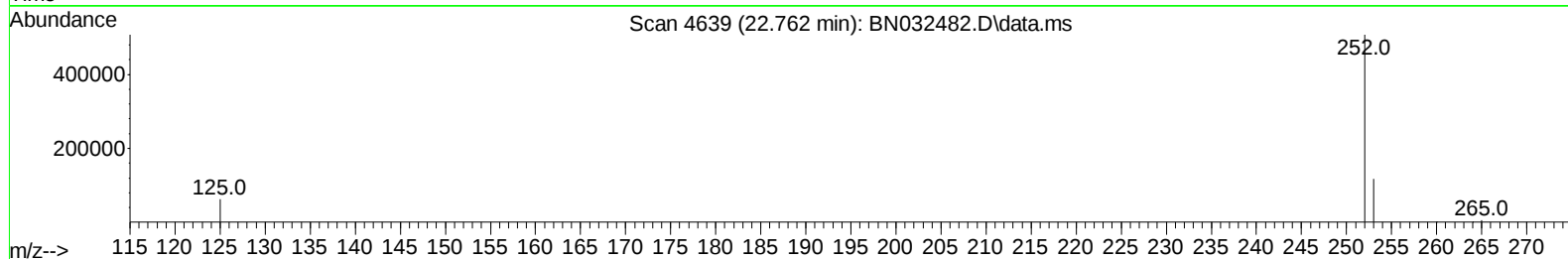
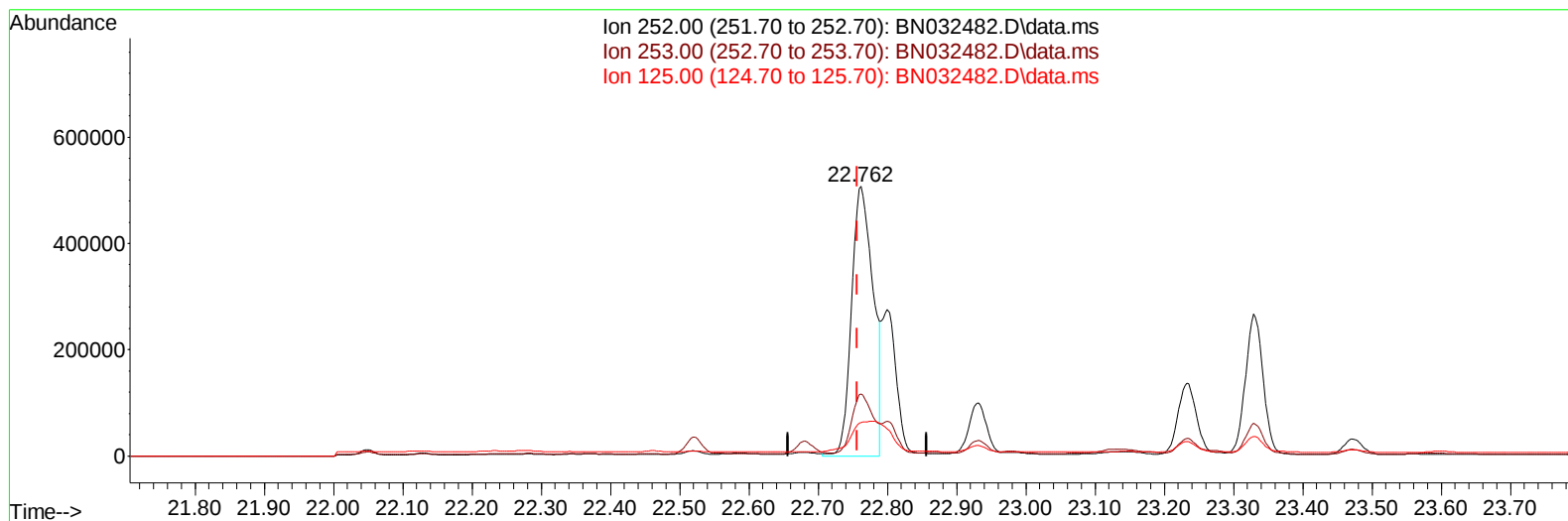
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032482.D
 Acq On : 04 Jul 2024 19:58
 Operator : MA/JU
 Sample : P2963-12
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(24) Benzo(b)fluoranthene

22.762min (+ 0.005) 9.46 ng/u1 m

response 1093012

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.12
125.00	16.00	12.50
0.00	0.00	0.00

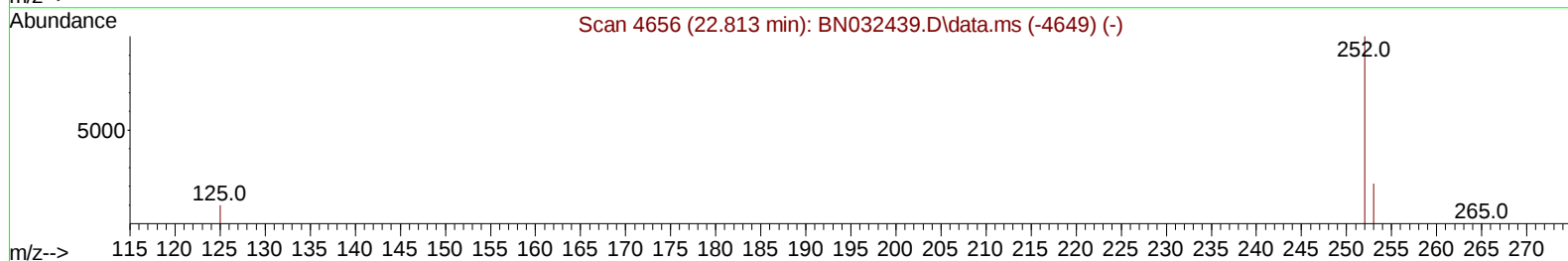
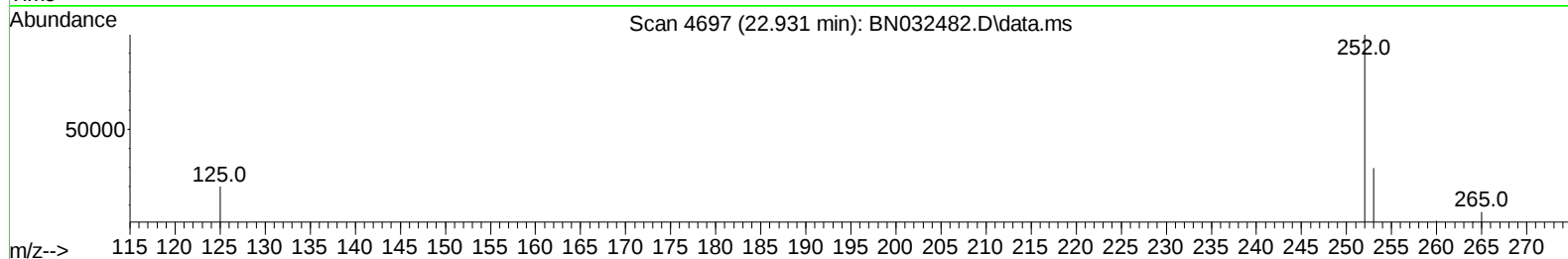
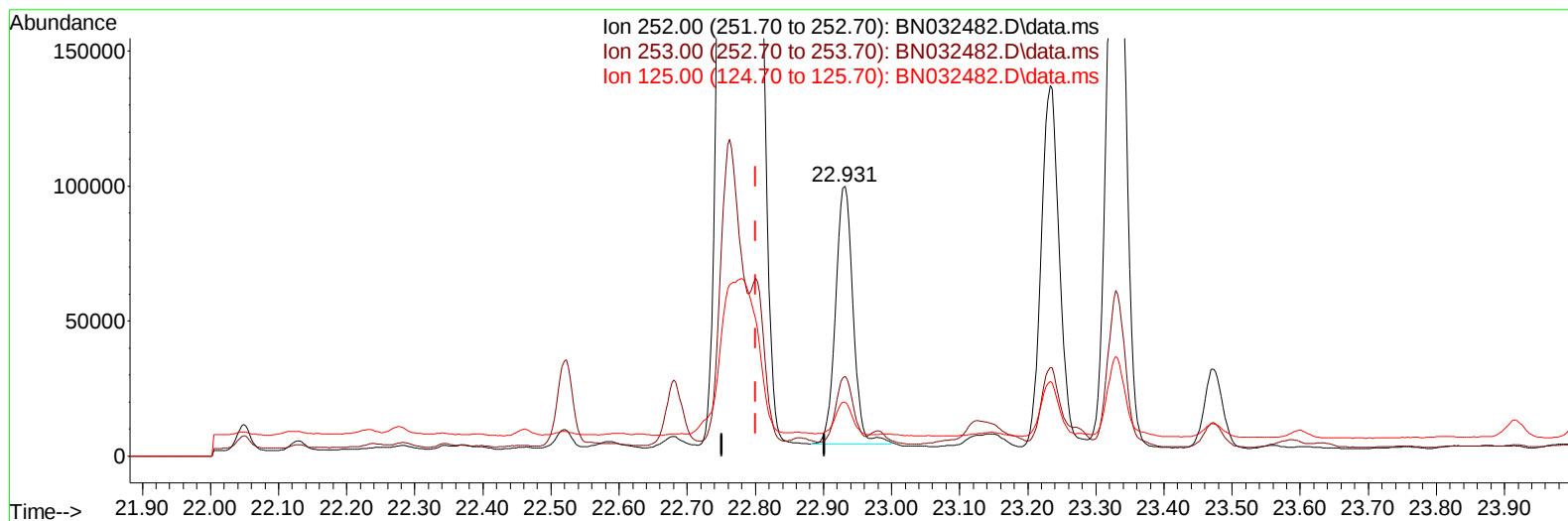
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032482.D\data.ms

(25) Benzo(k)fluoranthene

22.931min (+ 0.130) 1.52 ng/u1

response 170176

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	29.51
125.00	16.00	19.90#
0.00	0.00	0.00

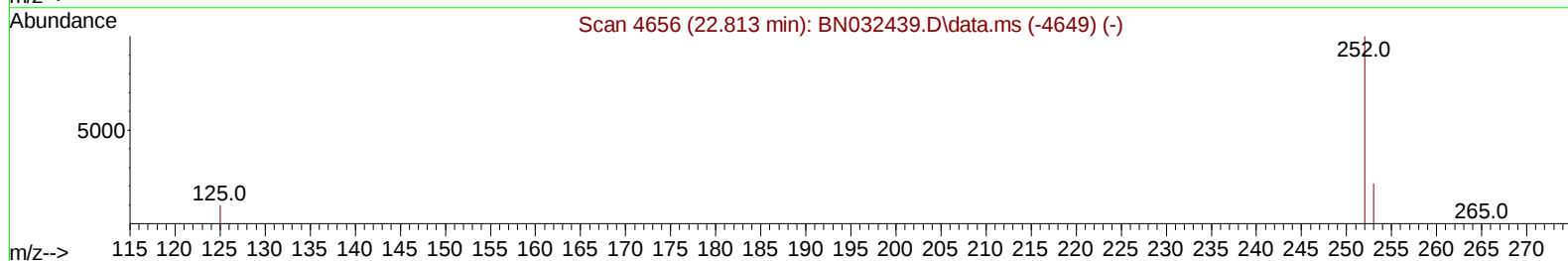
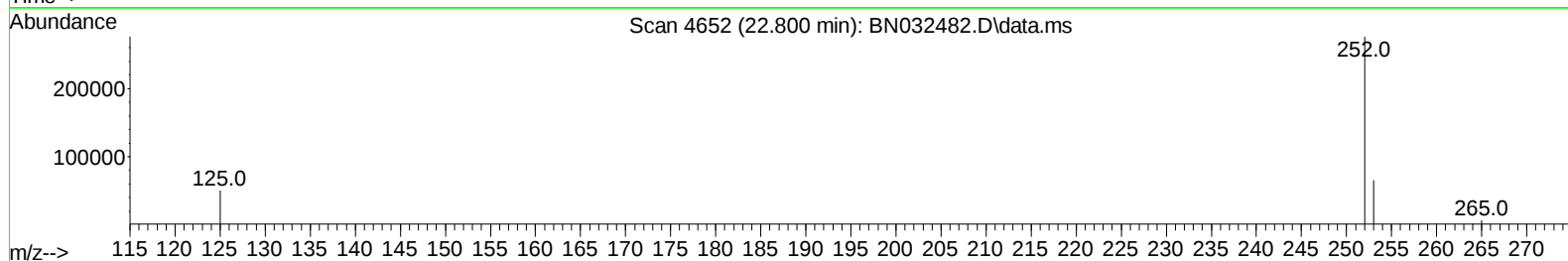
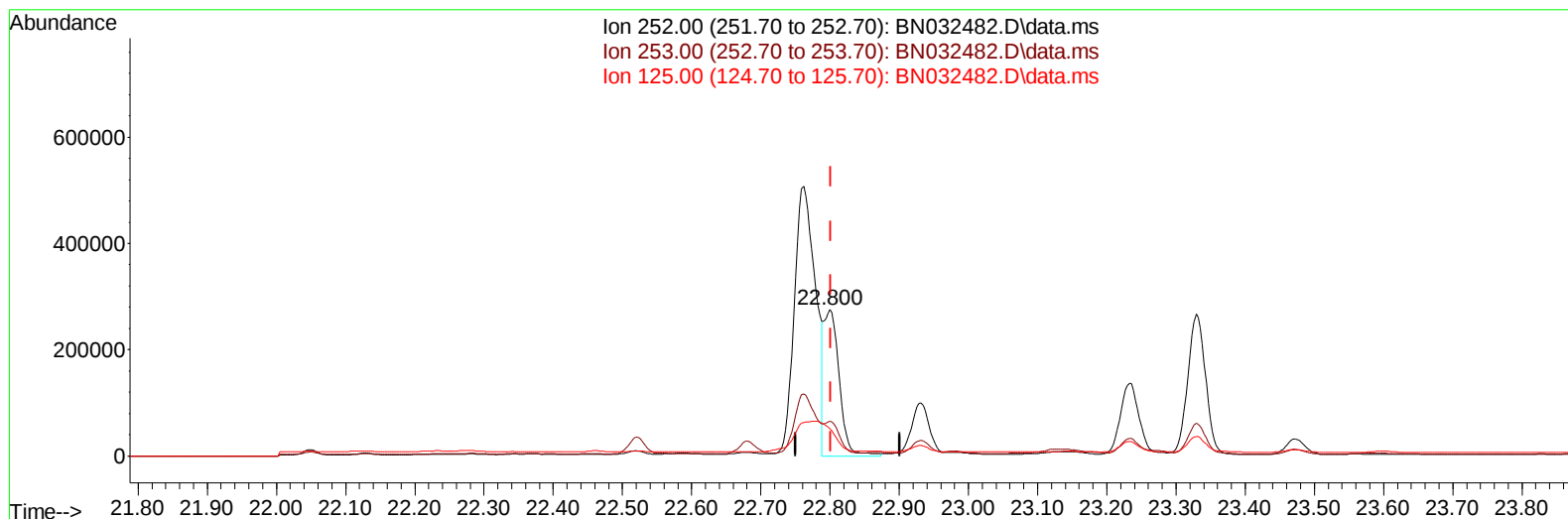
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032482.D\data.ms

(25) Benzo(k)fluoranthene

22.800min (-0.001) 3.77 ng/u1 m

response 423245

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.85
125.00	16.00	18.39
0.00	0.00	0.00

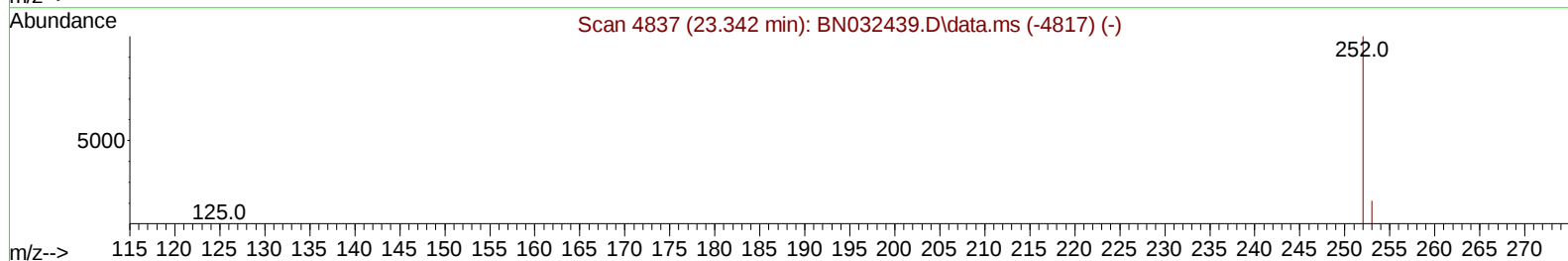
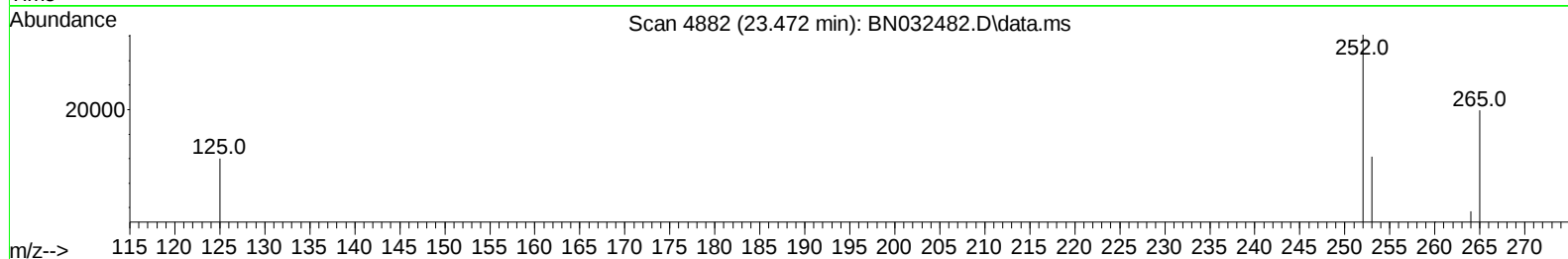
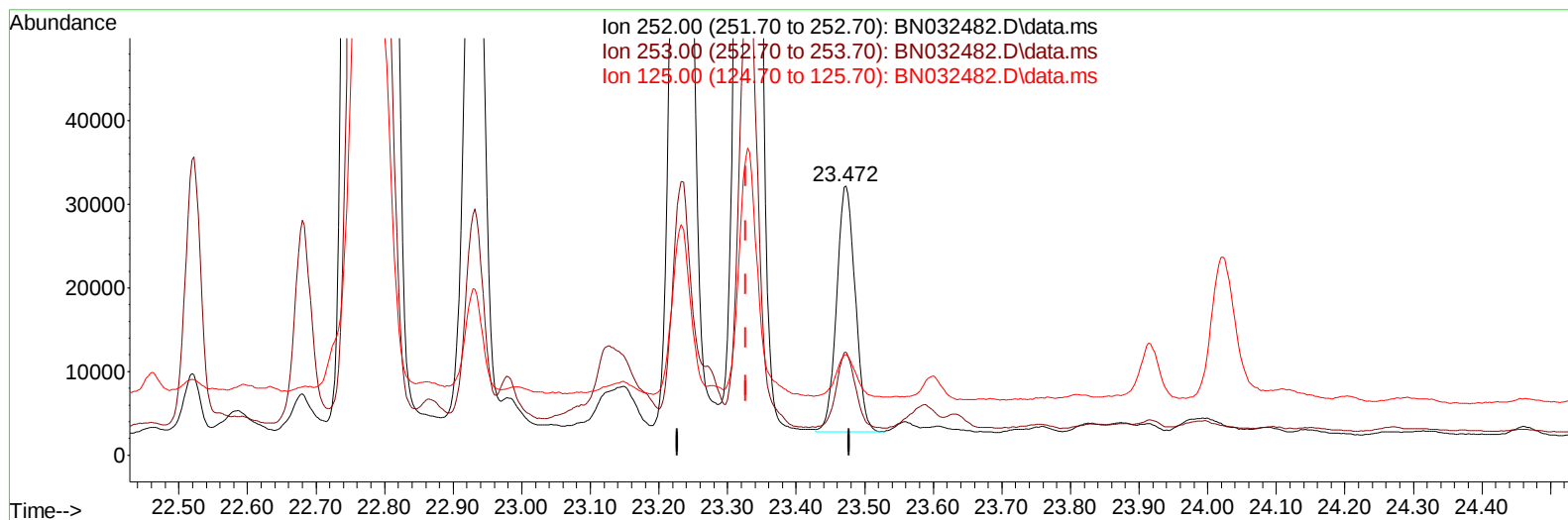
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(26) Benzo(a)pyrene (C)

23.472min (+ 0.145) 0.69 ng/u1

response 55363

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	38.28#
125.00	20.50	37.31#
0.00	0.00	0.00

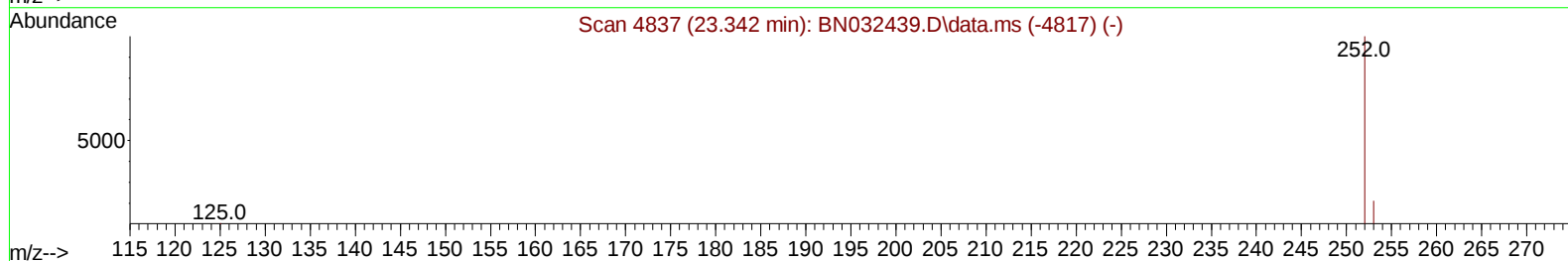
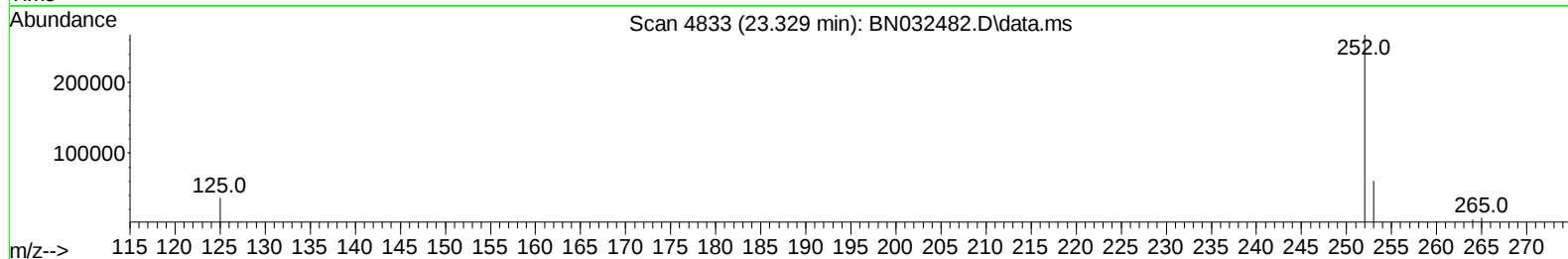
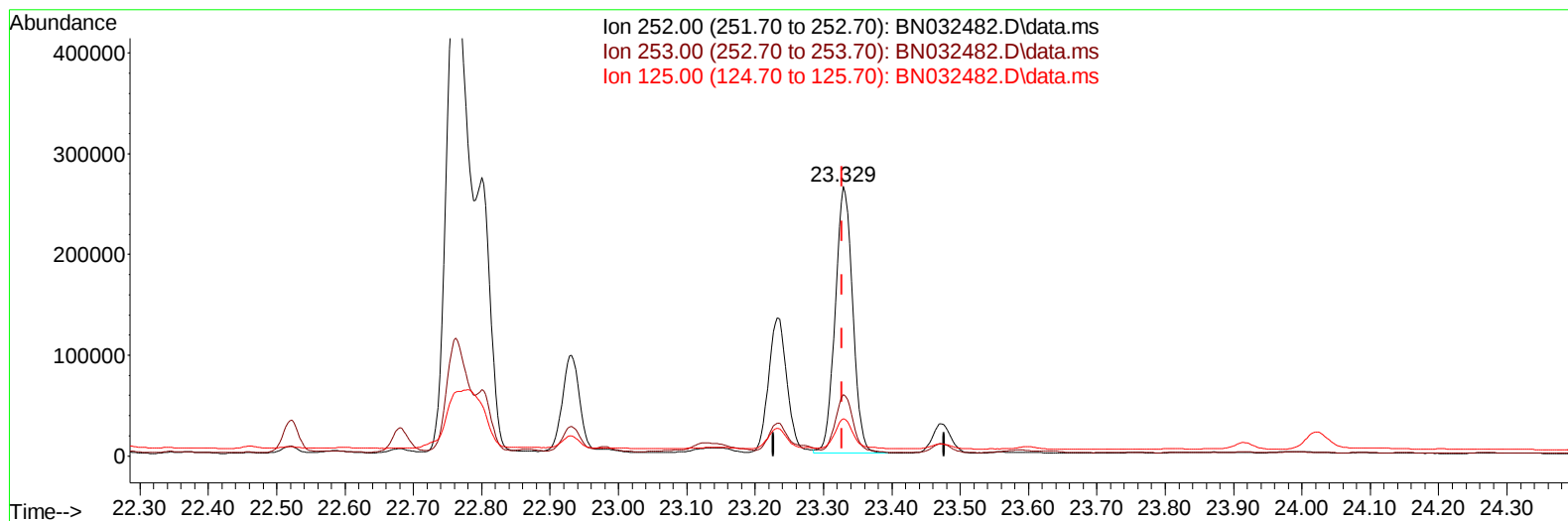
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(26) Benzo(a)pyrene (C)

23.329min (+ 0.002) 5.85 ng/u1 m

response 470584

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	22.89
125.00	20.50	13.76#
0.00	0.00	0.00

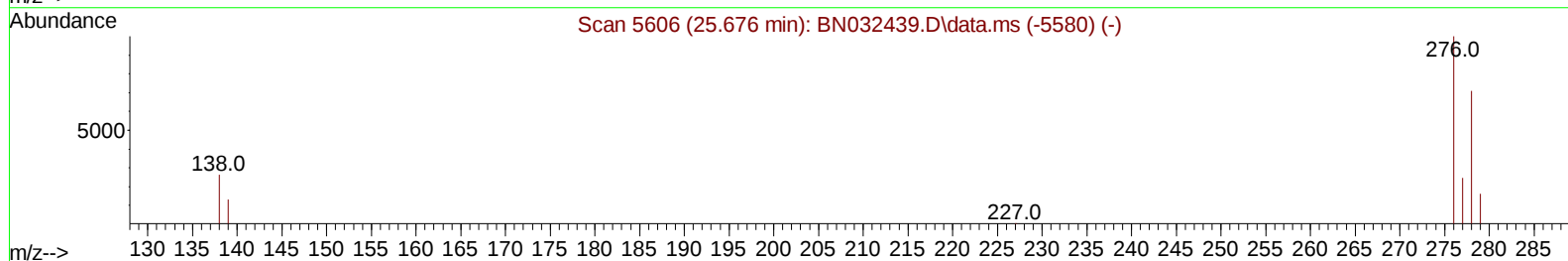
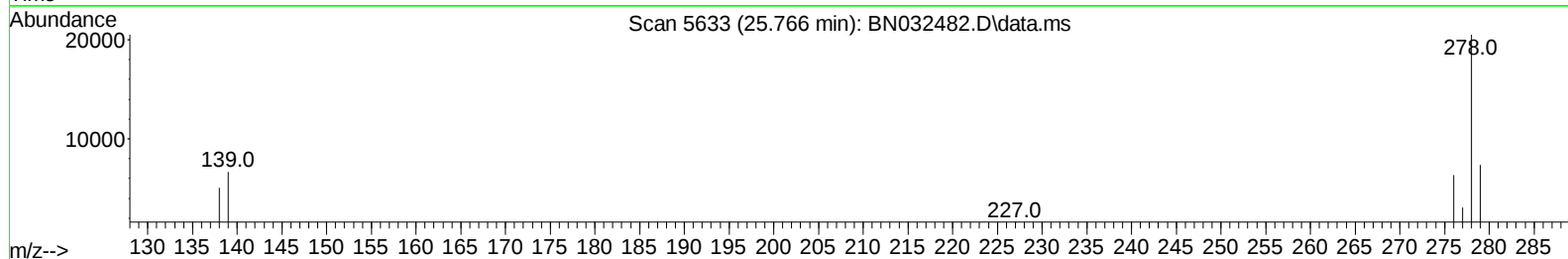
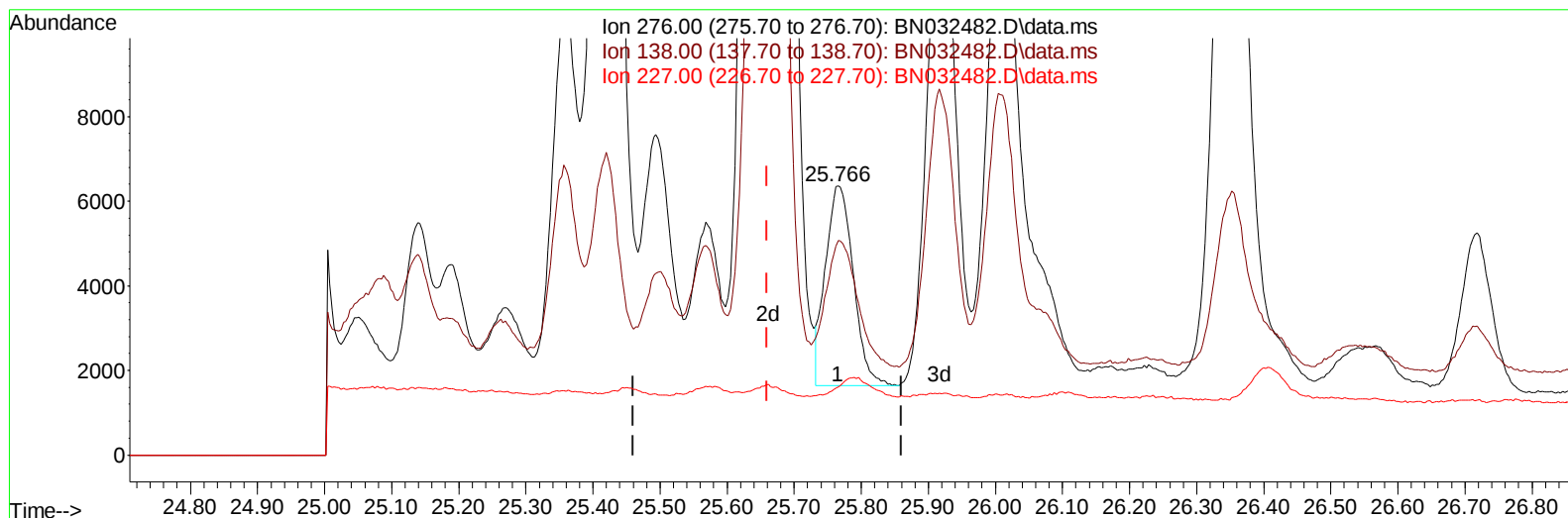
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

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

25.766min (+ 0.106) 0.11 ng/u1

response 13591

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	72.83#
227.00	0.10	0.00#
0.00	0.00	0.00

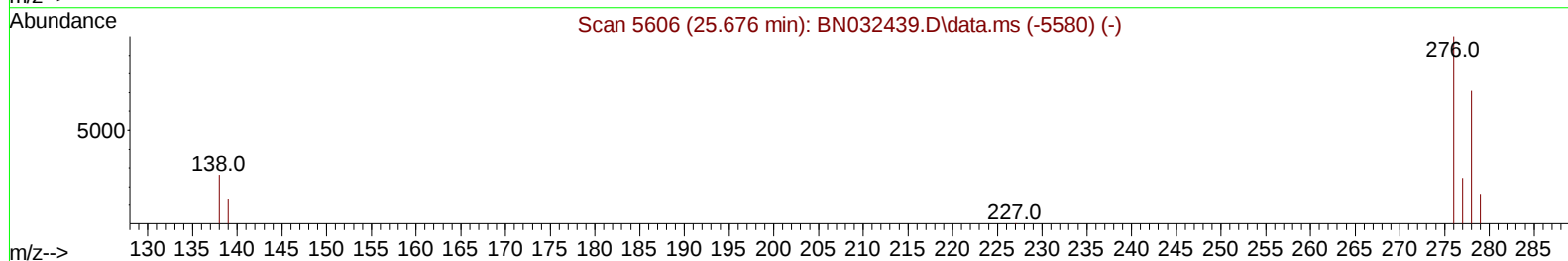
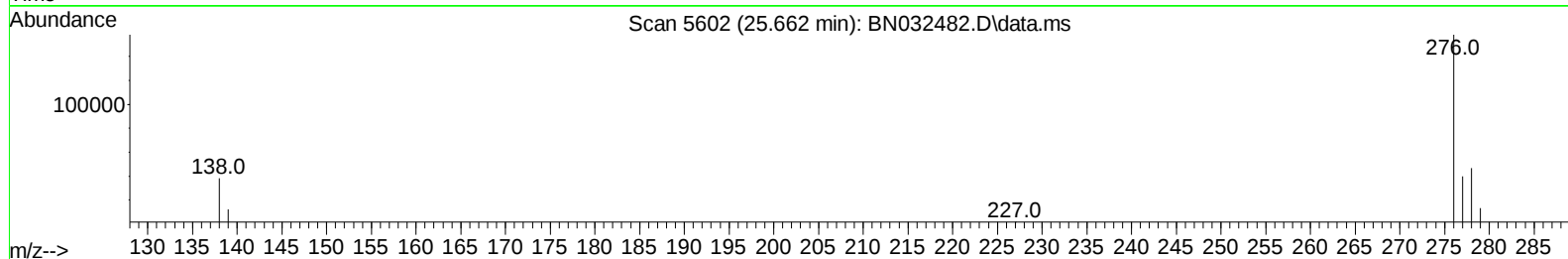
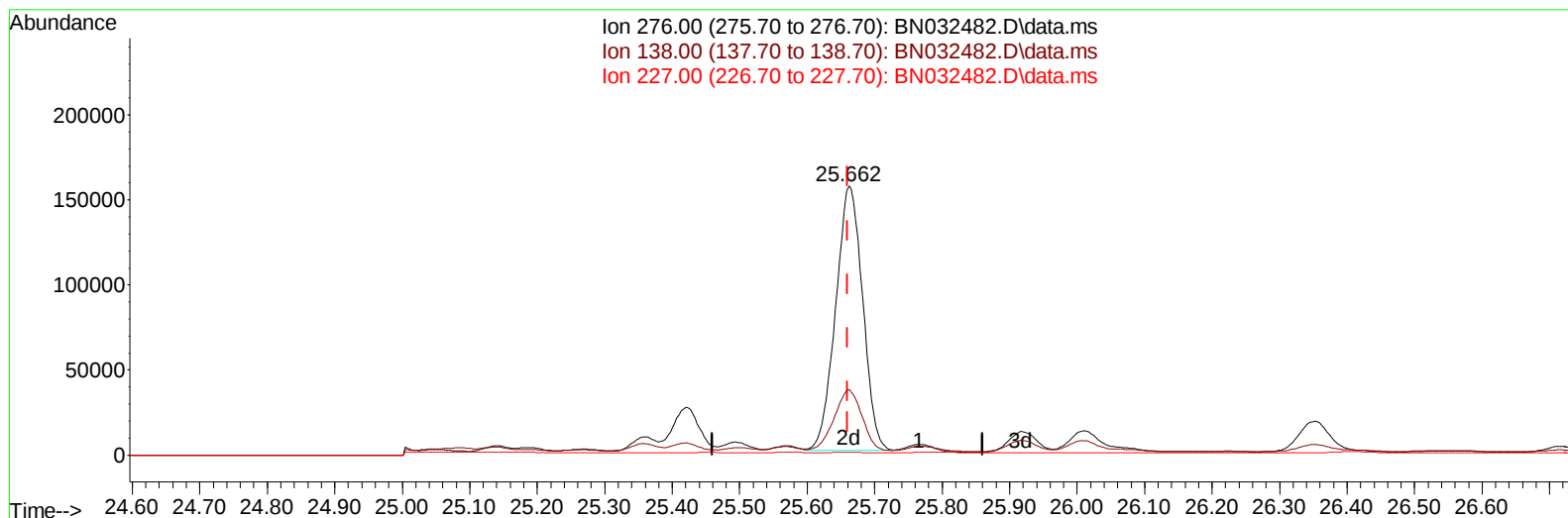
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

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

25.662min (+ 0.002) 3.42 ng/u1 m

response 430746

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.30#
227.00	0.10	0.00#
0.00	0.00	0.00

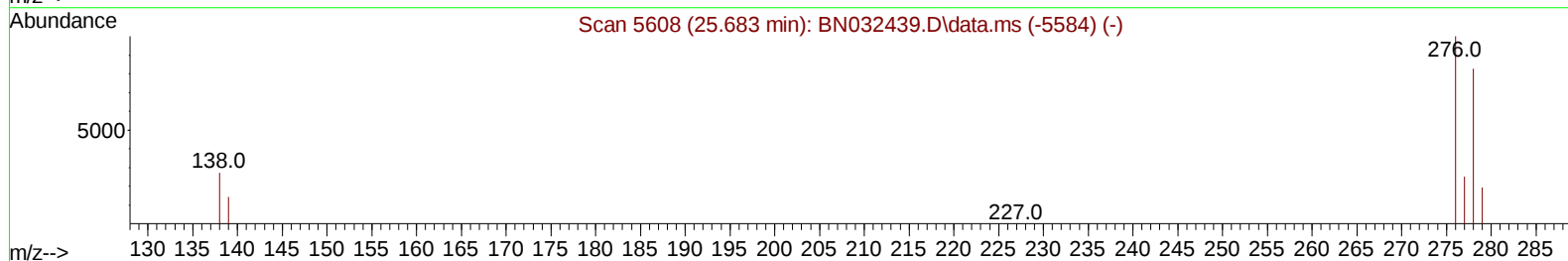
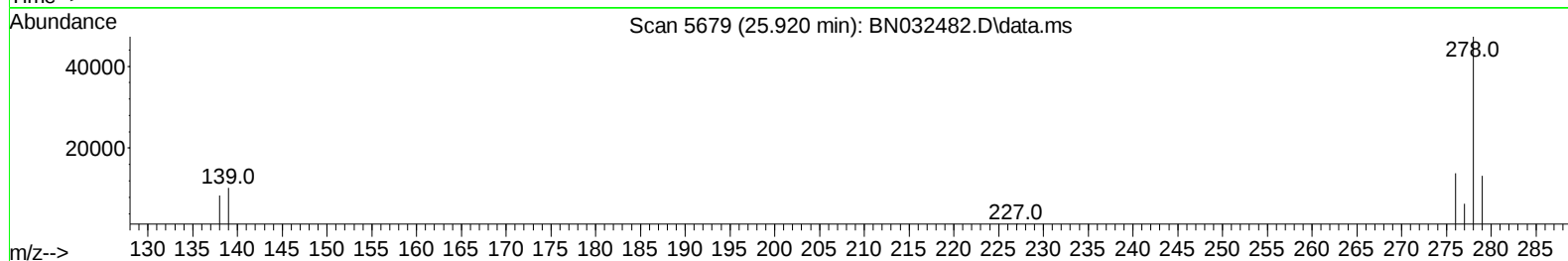
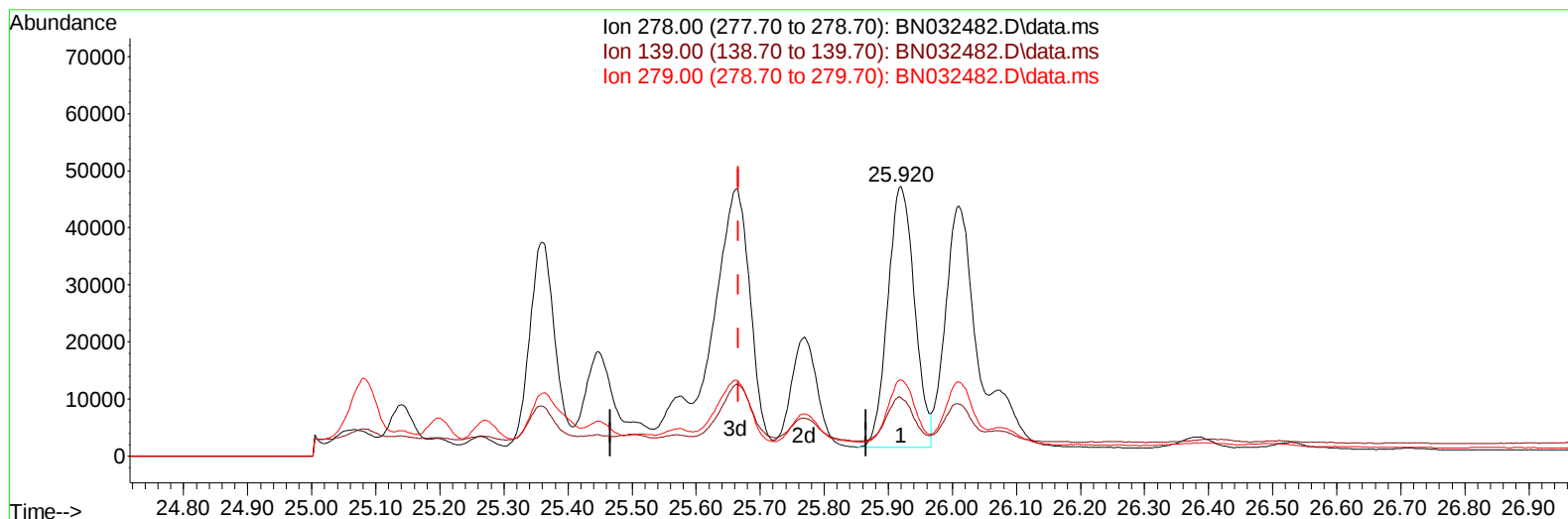
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(28) Dibenzo(a,h)anthracene

25.920min (+ 0.254) 1.43 ng/u1

response 133451

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	21.66
279.00	26.40	28.16
0.00	0.00	0.00

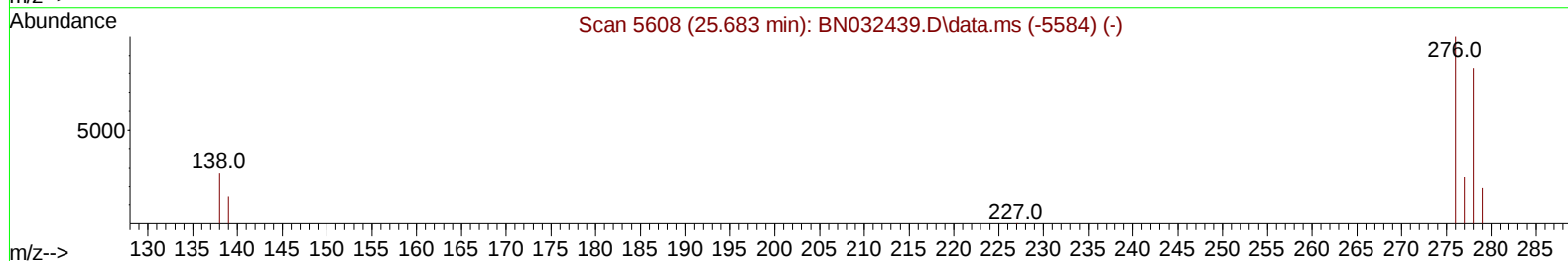
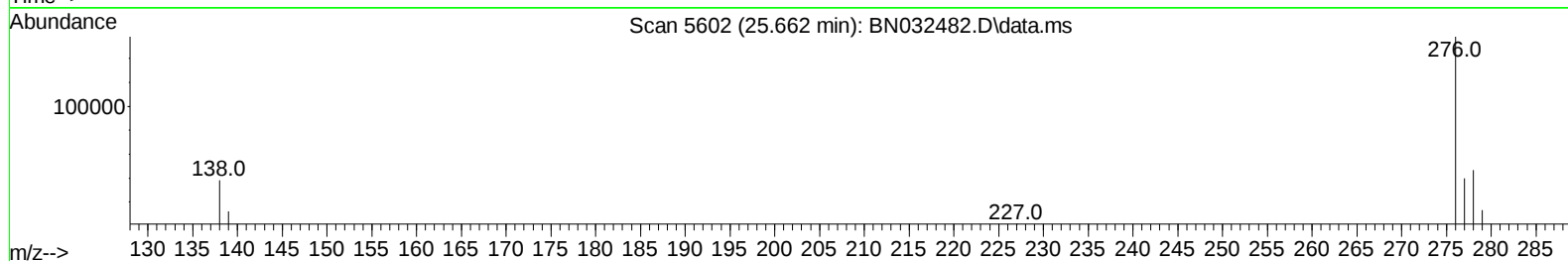
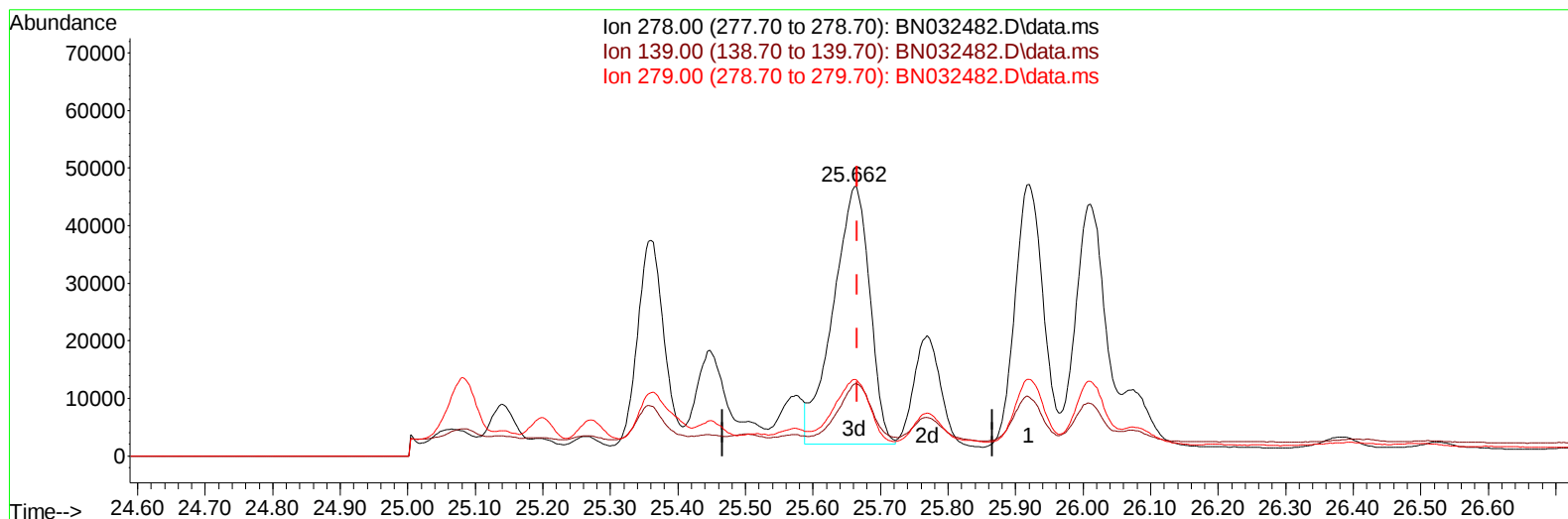
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

(28) Dibenzo(a,h)anthracene

25.662min (-0.005) 1.80 ng/u1 m

response 168155

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	26.77#
279.00	26.40	28.44
0.00	0.00	0.00

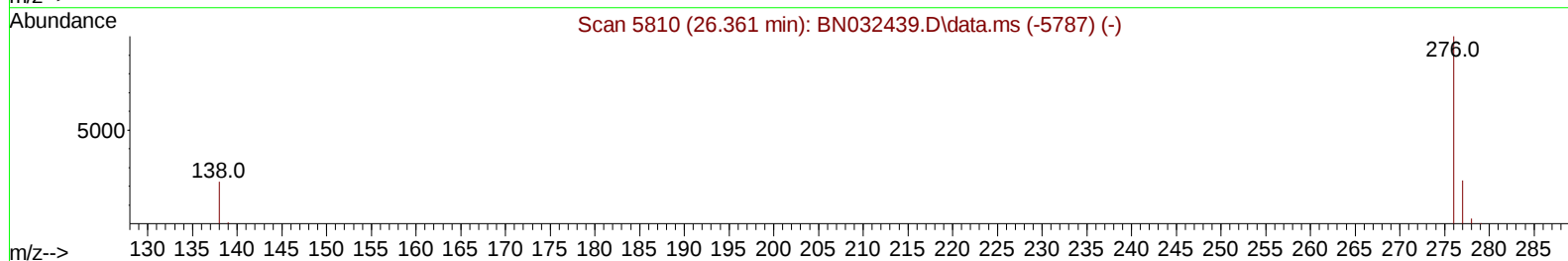
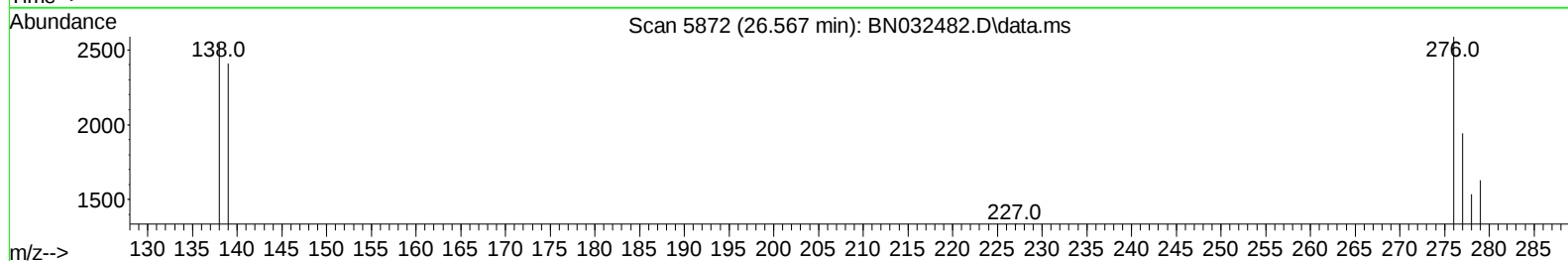
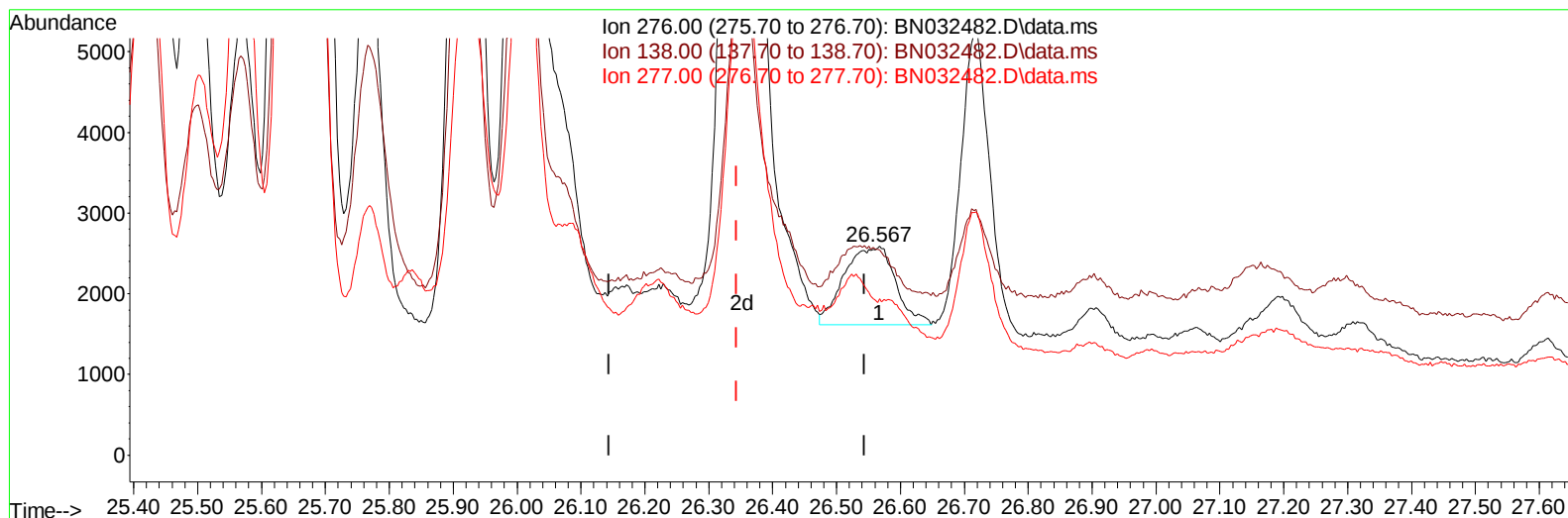
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

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

26.567min (+ 0.224) 0.05 ng/u1

response 5404

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	98.15#
277.00	24.70	75.00#
0.00	0.00	0.00

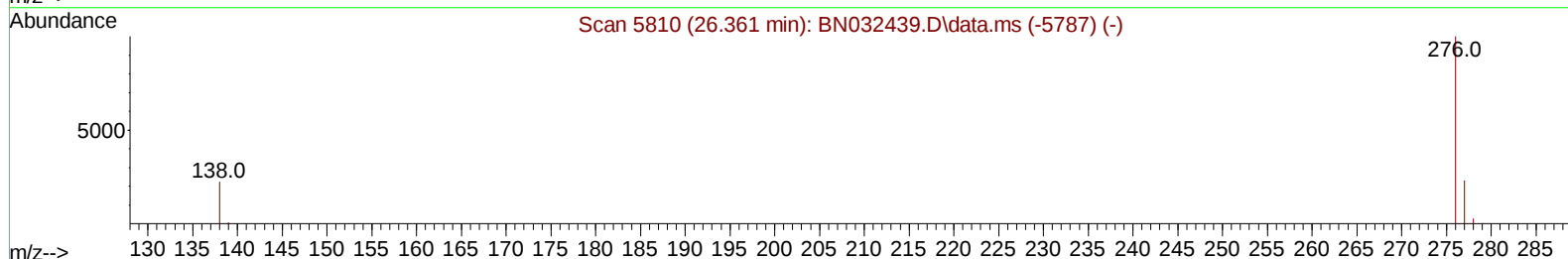
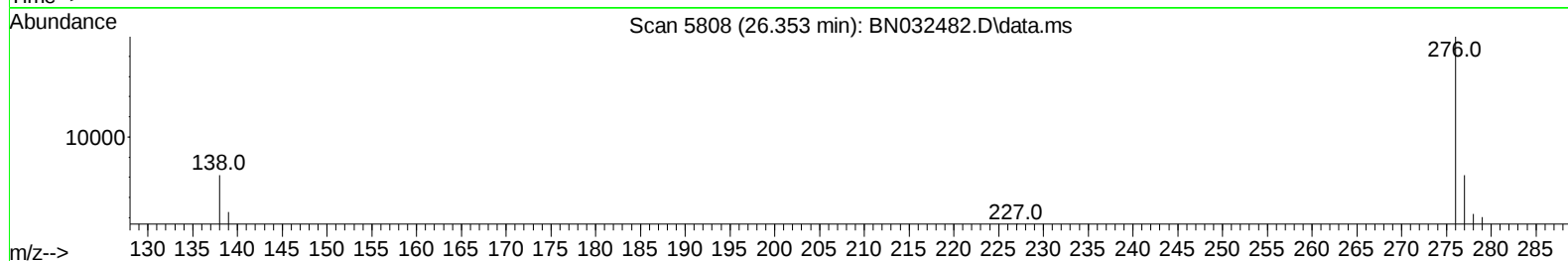
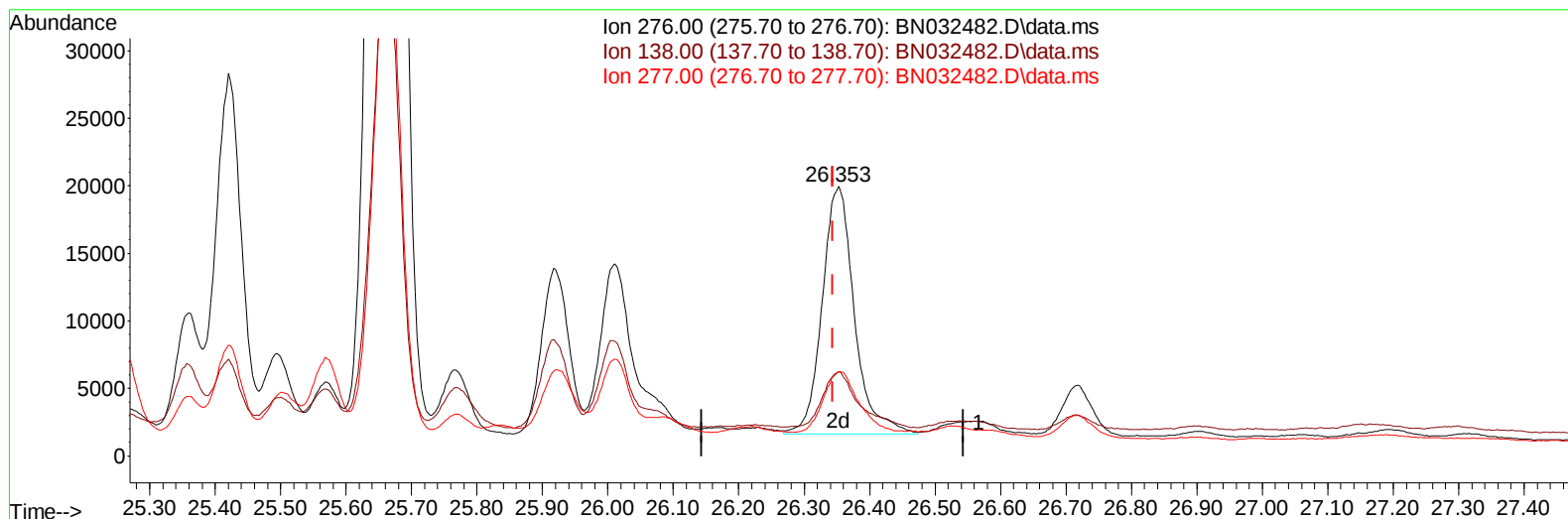
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 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: BN032482.D\data.ms

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

26.353min (+ 0.009) 0.62 ng/u1 m

response 62320

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	31.25#
277.00	24.70	31.25#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032482.D
 Acq On : 04 Jul 2024 19:58
 Operator : MA/JU
 Sample : P2963-12
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR6

Manual IntegrationsAPPROVED

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

Quant Time: Jul 04 23:08:00 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	8066	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	23106	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.243	164	13013	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.002	188	24144m	0.400	ng/ul	0.00
17) Chrysene-d12	21.207	240	18630m	0.400	ng/ul	0.00
23) Perylene-d12	23.426	264	26602m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	34470	3.845	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	8674	0.250	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	17427m	0.311	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.419	128	31810	0.520	ng/ul	99
7) 2-Methylnaphthalene	12.041	142	18744	0.462	ng/ul	99
8) 1-Methylnaphthalene	12.267	142	19671	0.468	ng/ul	99
10) Acenaphthylene	13.965	152	77689	1.435	ng/ul	98
11) Acenaphthene	14.307	153	44882	1.069	ng/ul	99
12) Fluorene	15.302	166	51426	1.027	ng/ul#	98
14) Pentachlorophenol	16.669	266	317m	0.058	ng/ul	
15) Phenanthrene	17.044	178	1312351m	19.826	ng/ul	
16) Anthracene	17.133	178	336922m	5.707	ng/ul	
19) Fluoranthene	19.067	202	1825500m	25.732	ng/ul	
20) Pyrene	19.435	202	1453199m	19.602	ng/ul	
21) Benzo(a)anthracene	21.190	228	933358m	13.881	ng/ul	
22) Chrysene	21.245	228	919287m	12.456	ng/ul	
24) Benzo(b)fluoranthene	22.762	252	1093012m	9.457	ng/ul	
25) Benzo(k)fluoranthene	22.800	252	423245m	3.769	ng/ul	
26) Benzo(a)pyrene	23.329	252	470584m	5.852	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.662	276	430746m	3.421	ng/ul	
28) Dibenzo(a,h)anthracene	25.662	278	168155m	1.797	ng/ul	
29) Benzo(g,h,i)perylene	26.353	276	62320m	0.621	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032482.D
Acq On : 04 Jul 2024 19:58
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR6

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:08:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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