

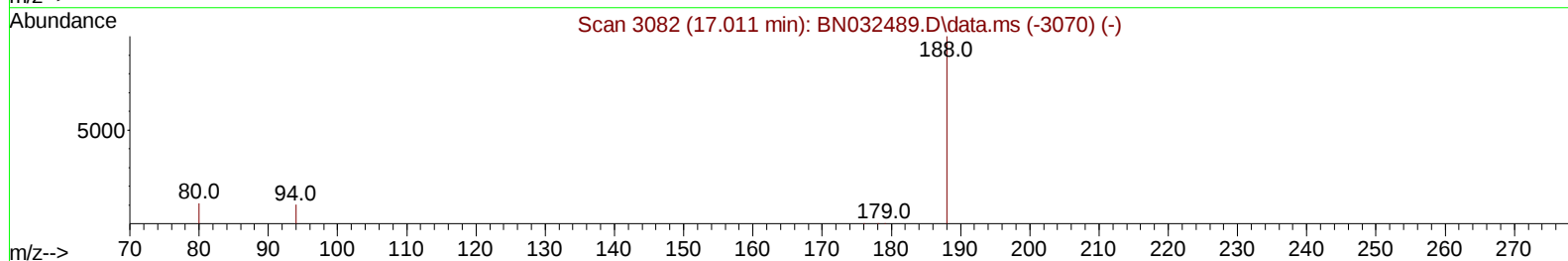
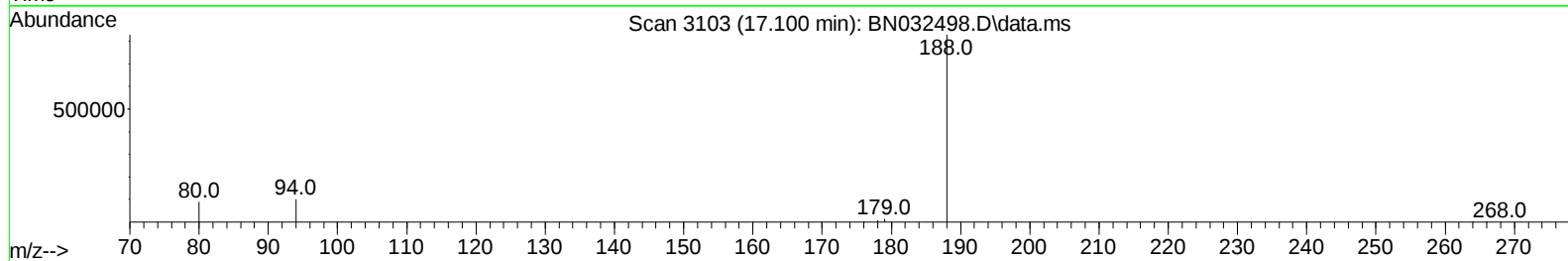
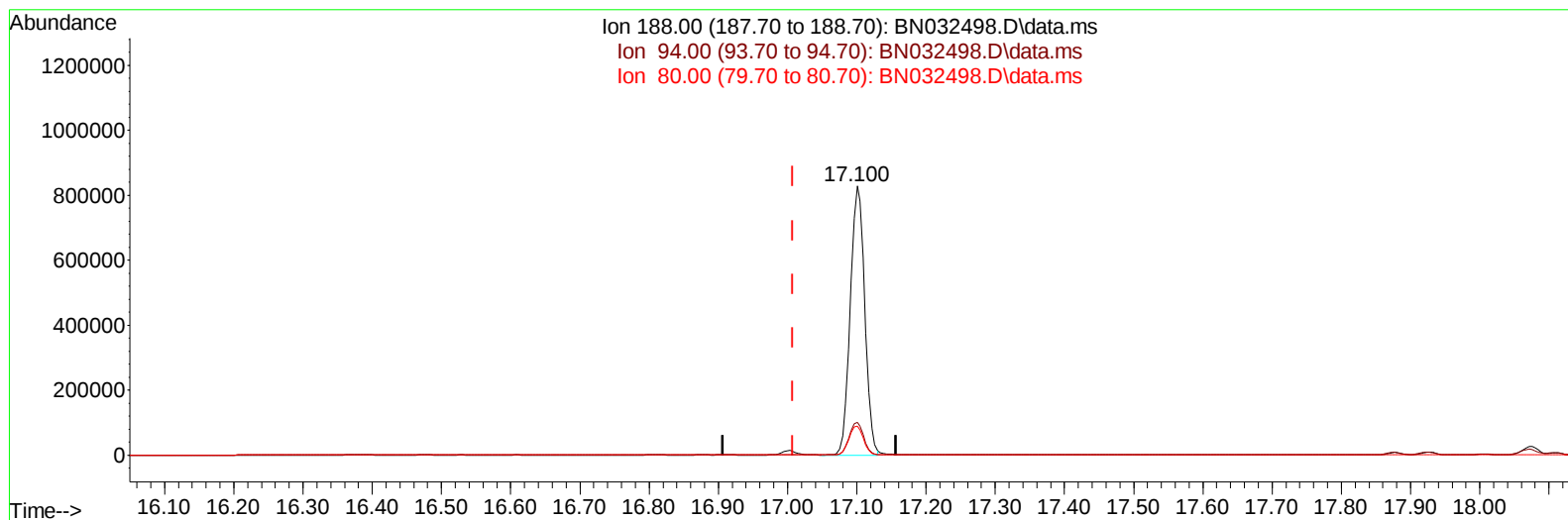
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(13) Phenanthrene-d10 (I)

17.100min (+ 0.093) 0.40 ng/u1

response 1201046

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.25#
80.00	10.50	10.81
0.00	0.00	0.00

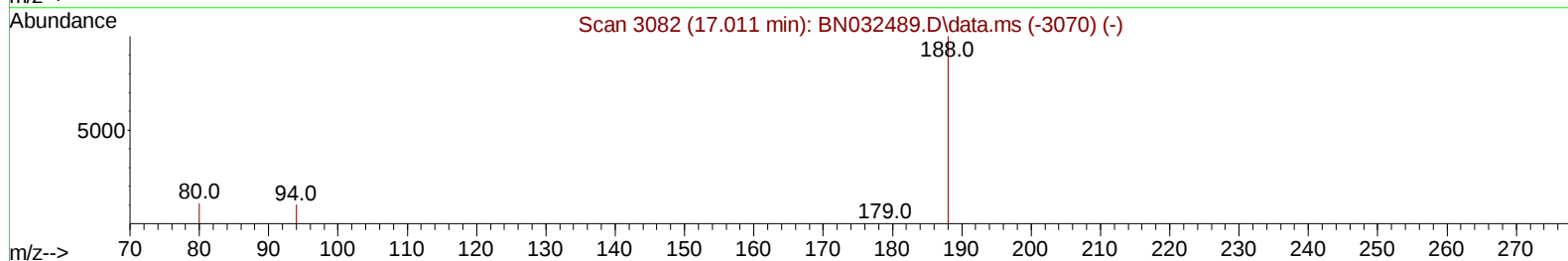
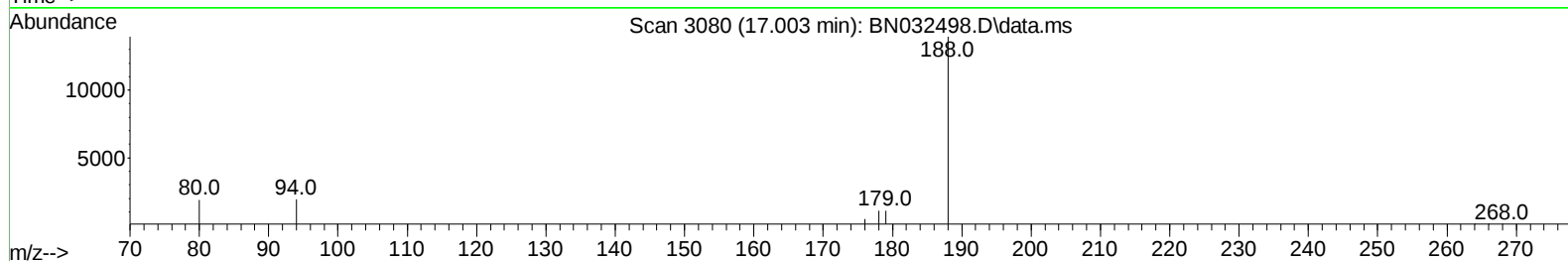
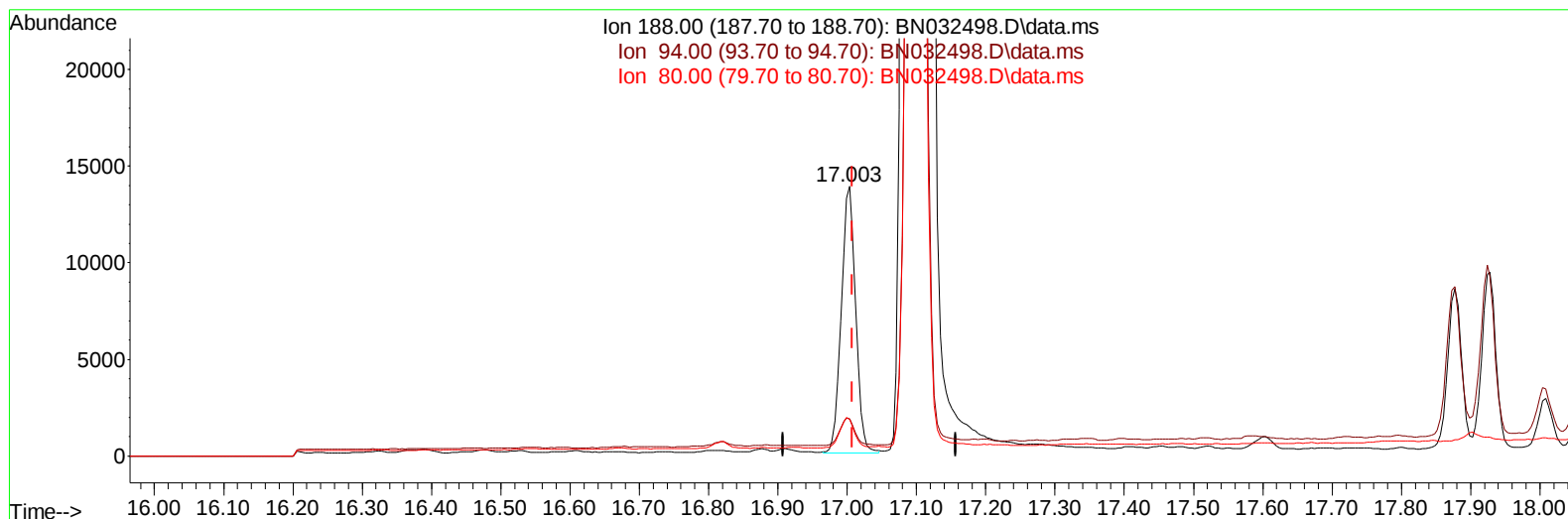
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(13) Phenanthrene-d10 (I)

17.003min (-0.004) 0.40 ng/ul m

response 19928

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	13.75#
80.00	10.50	13.62#
0.00	0.00	0.00

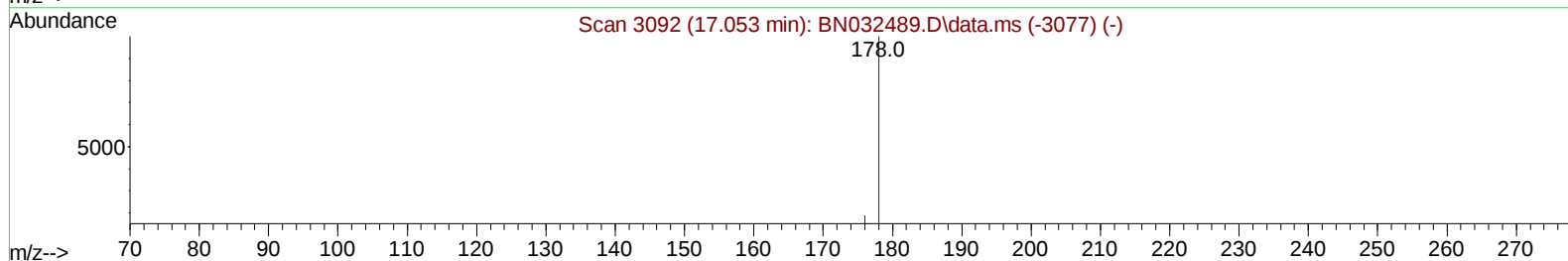
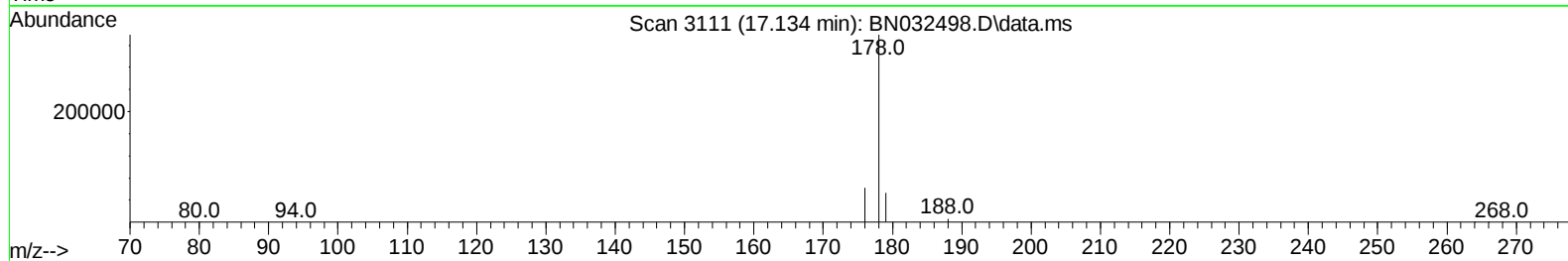
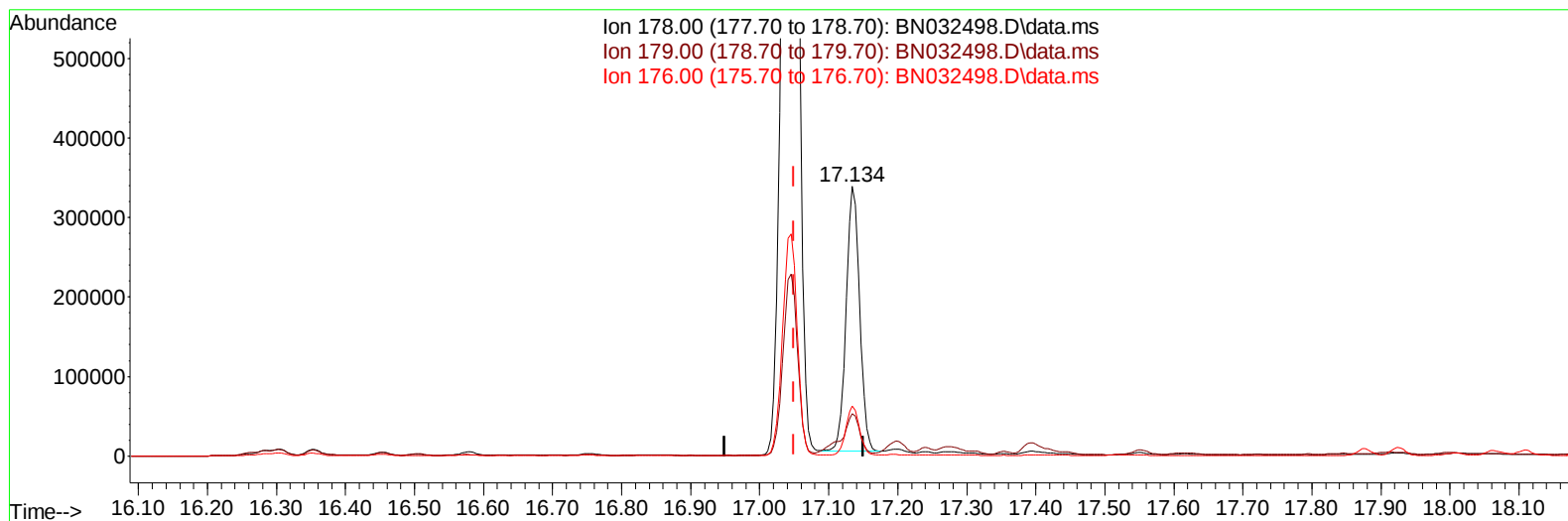
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 2024
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TIC: BN032498.D\data.ms

(15) Phenanthrene

17.134min (+ 0.084) 8.26 ng/u1

response 451339

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.69
176.00	19.50	18.50
0.00	0.00	0.00

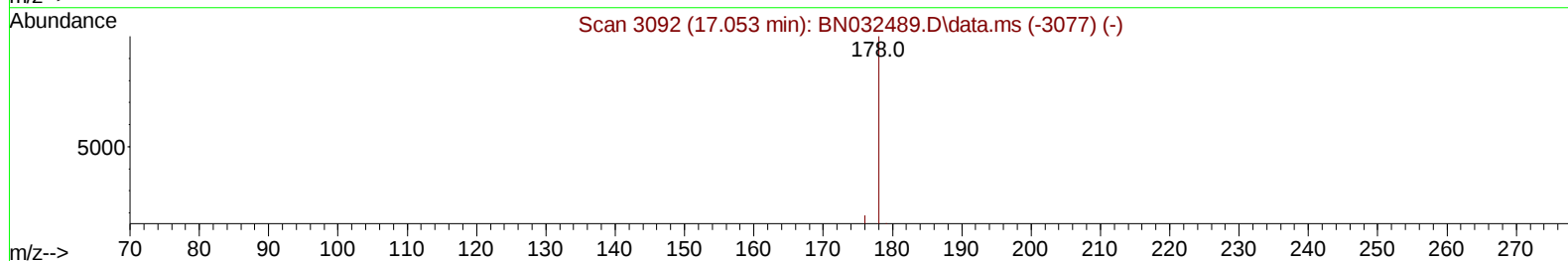
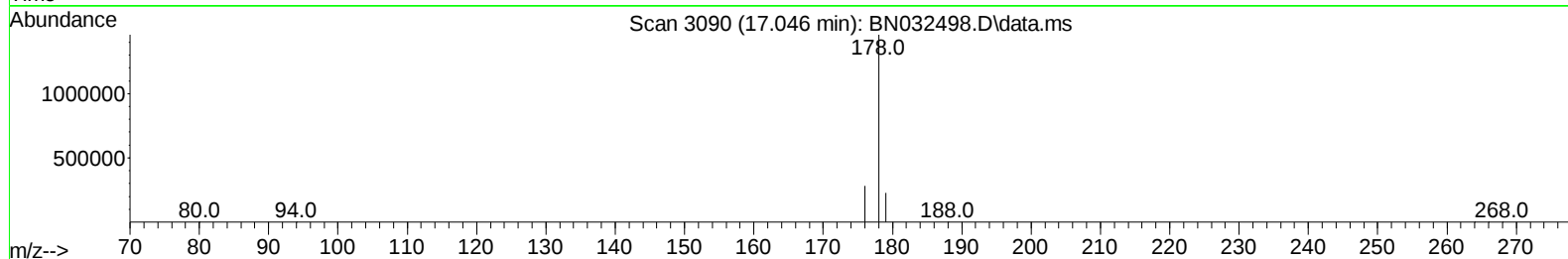
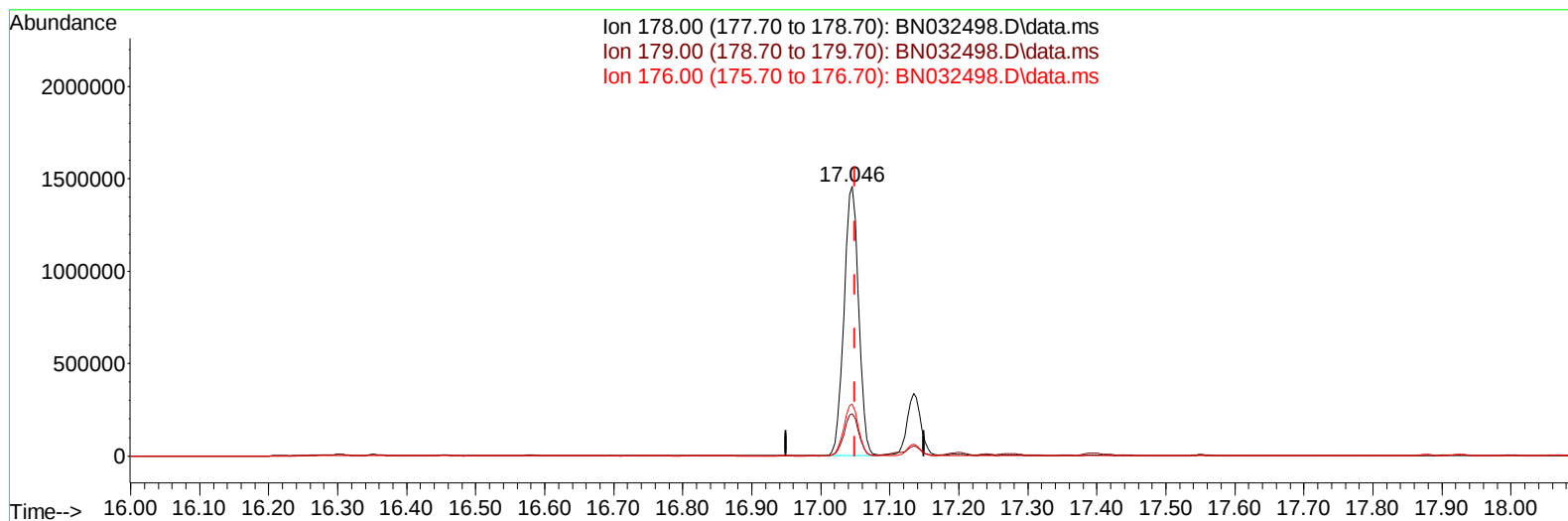
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(15) Phenanthrene

17.046min (-0.004) 39.74 ng/ul m

response 2171130

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.72
176.00	19.50	19.19
0.00	0.00	0.00

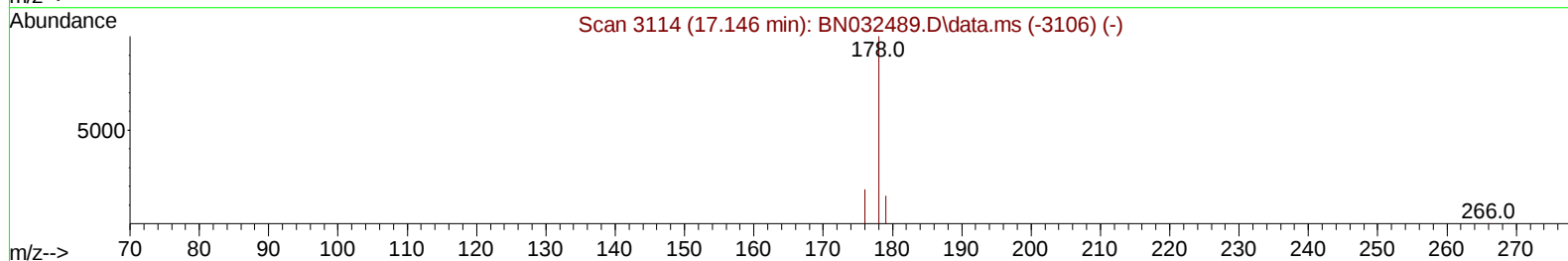
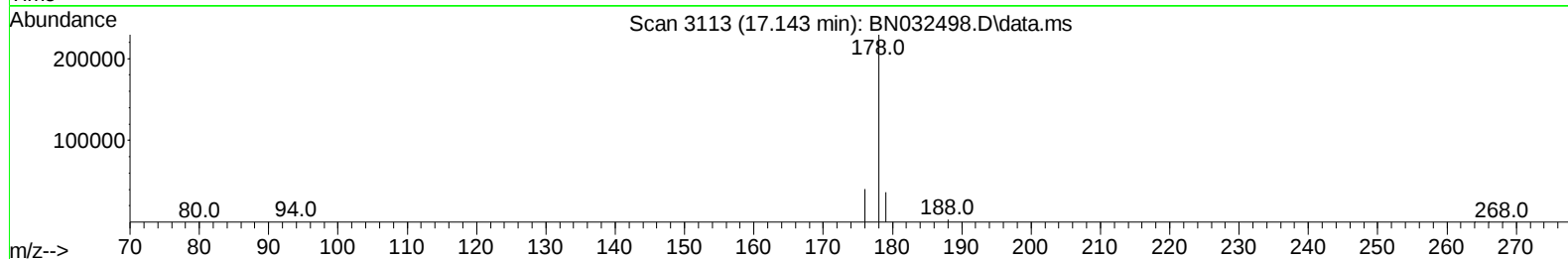
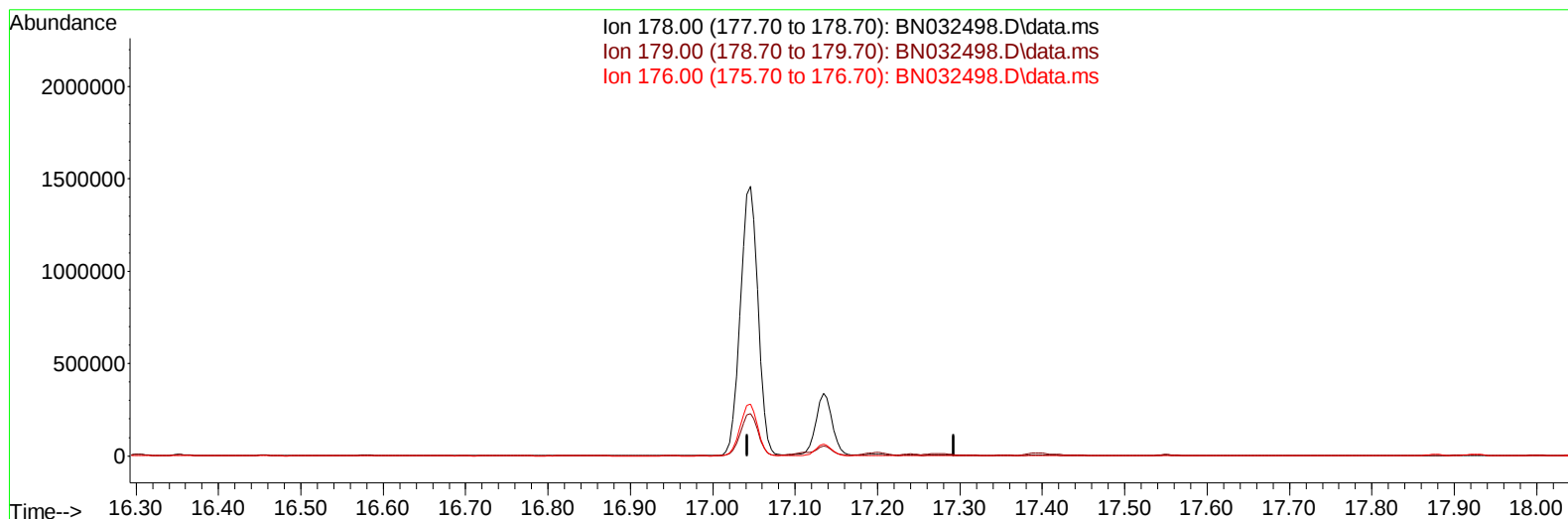
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

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

Quant Time: Jul 05 06:35:07 2024
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TIC: BN032498.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

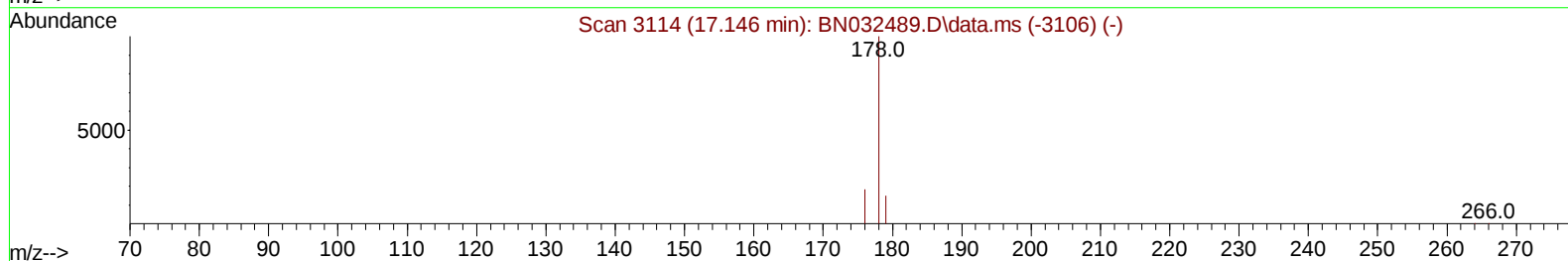
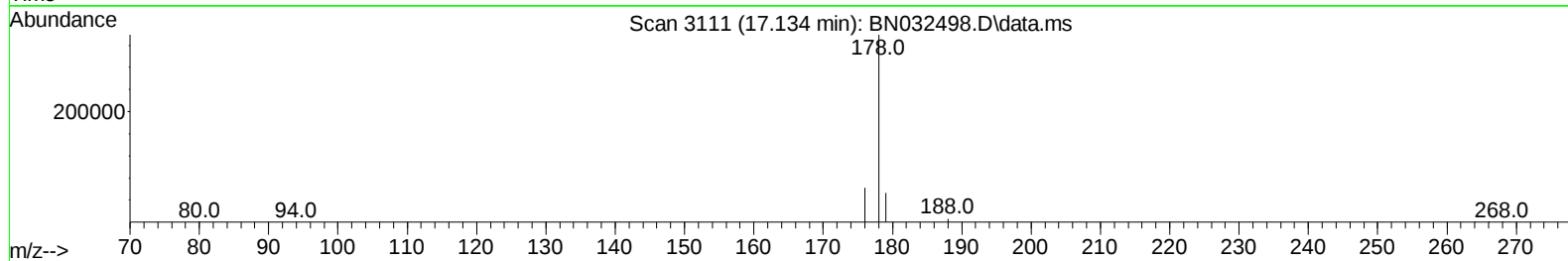
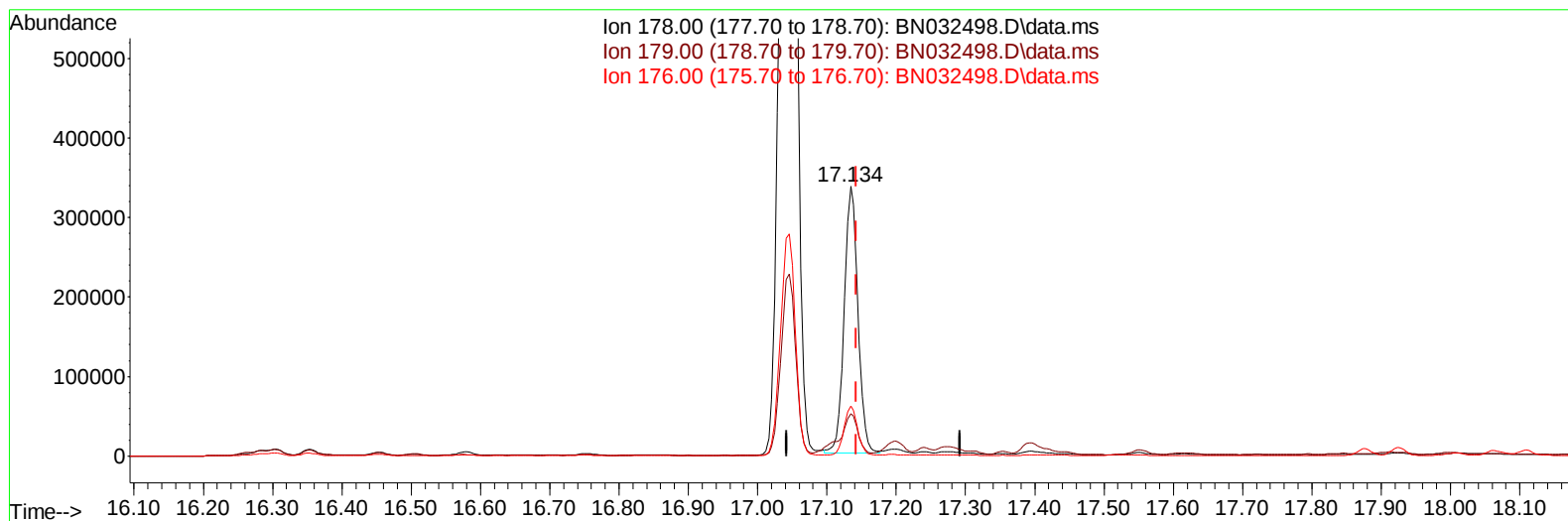
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(16) Anthracene

17.134min (-0.008) 9.49 ng/ul m

response 462679

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.69
176.00	18.80	18.50
0.00	0.00	0.00

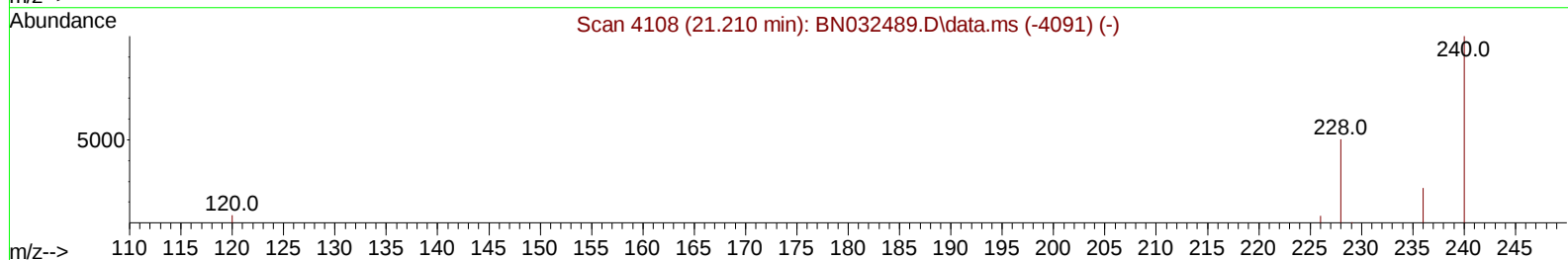
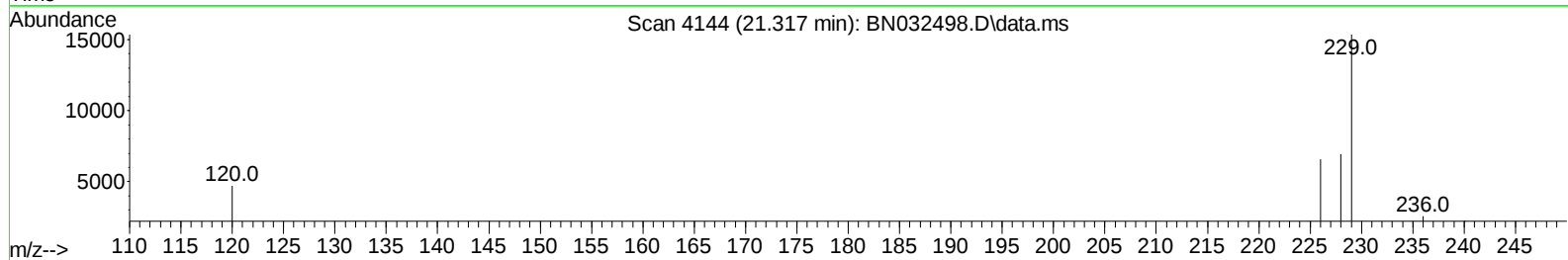
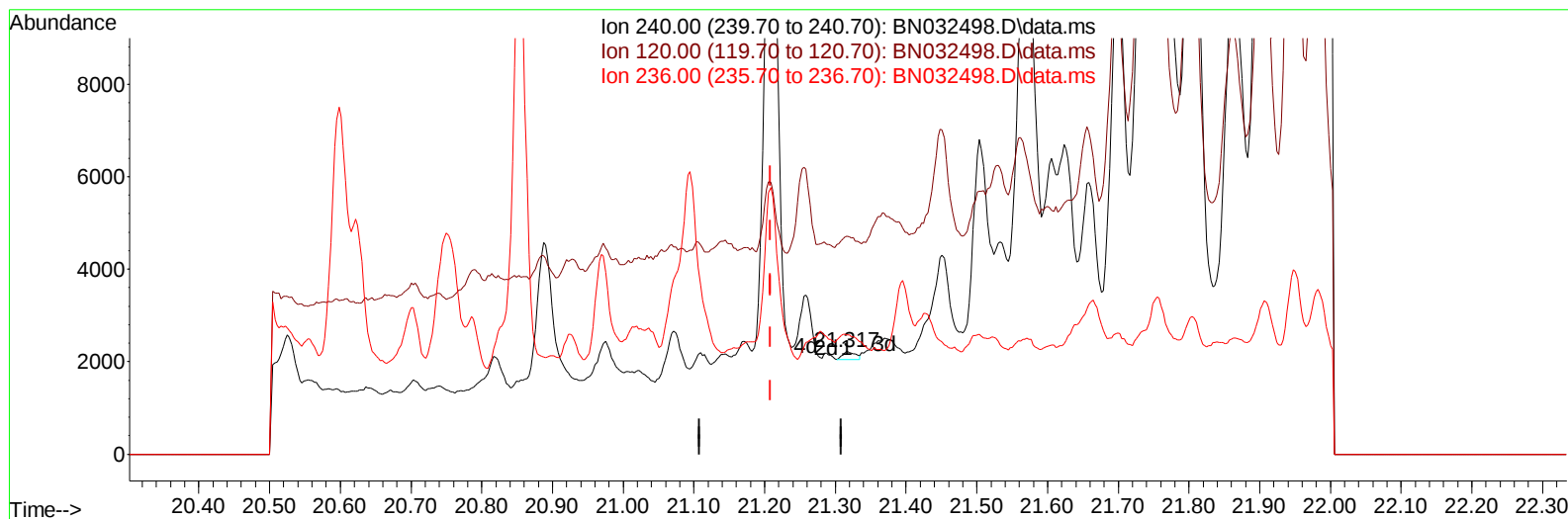
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Quant Time: Jul 05 06:35:07 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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Manual IntegrationsAPPROVED

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



TIC: BN032498.D\data.ms

(17) Chrysene-d12

21.317min (+ 0.108) 0.40 ng/u1

response 219

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	212.57#
236.00	28.40	116.31#
0.00	0.00	0.00

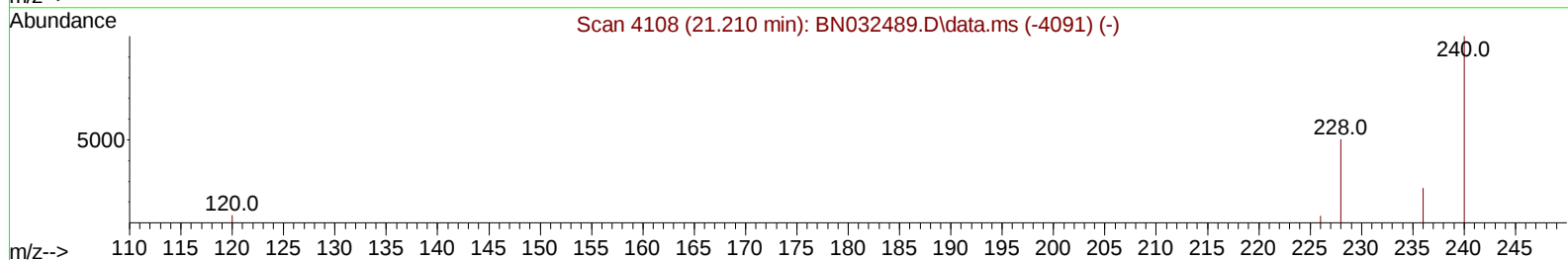
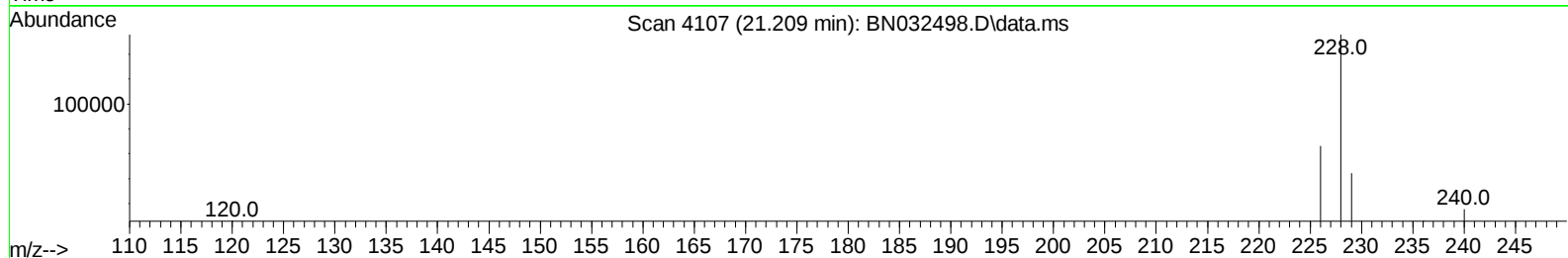
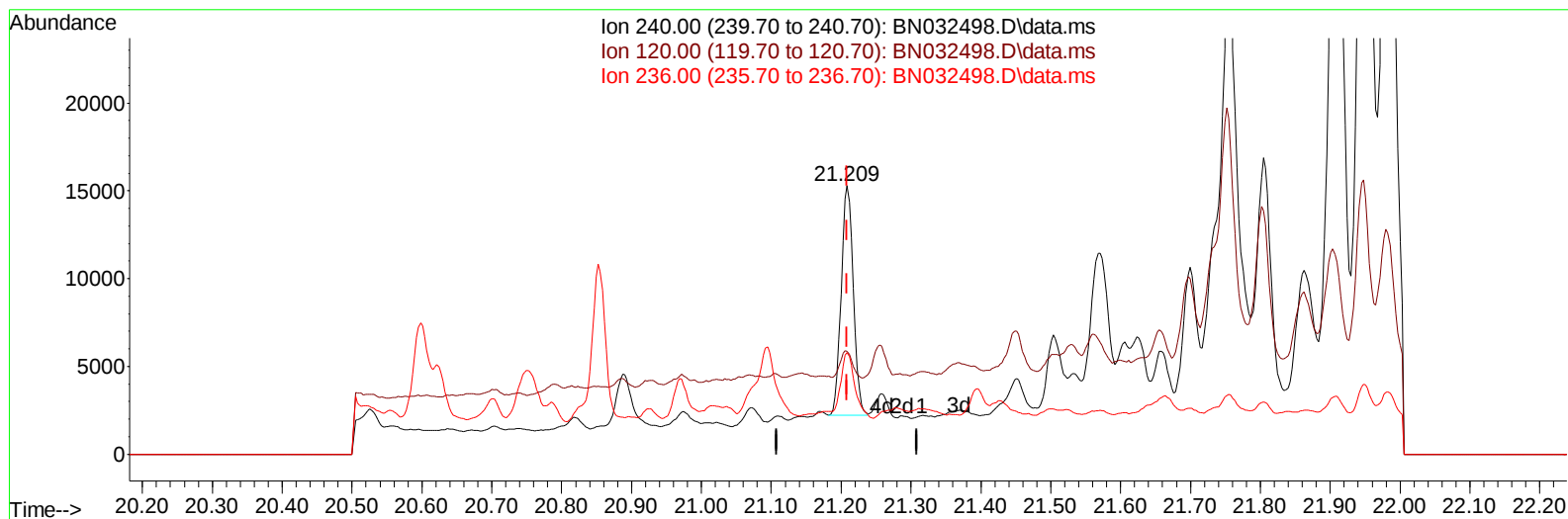
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(17) Chrysene-d12

21.209min (+ 0.000) 0.40 ng/ul m

response 15796

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	38.42#
236.00	28.40	37.74#
0.00	0.00	0.00

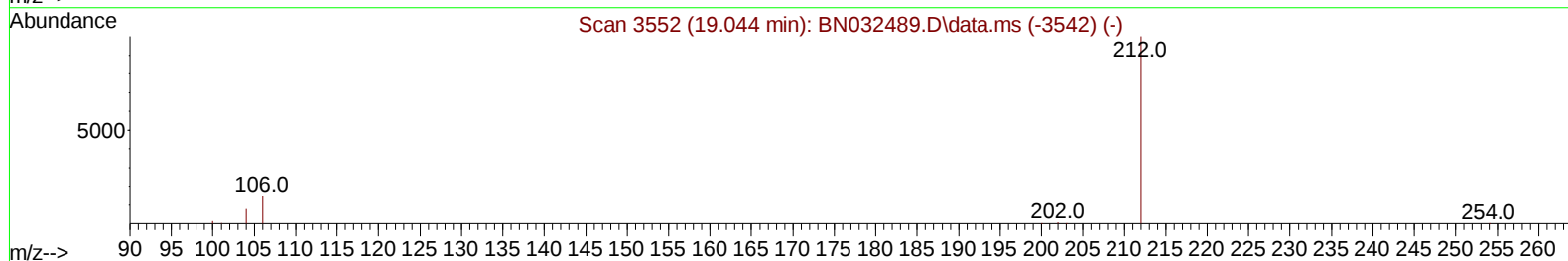
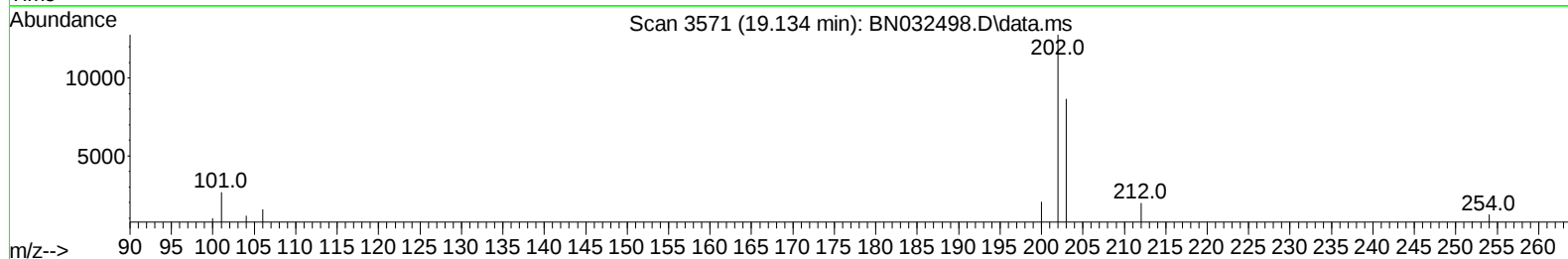
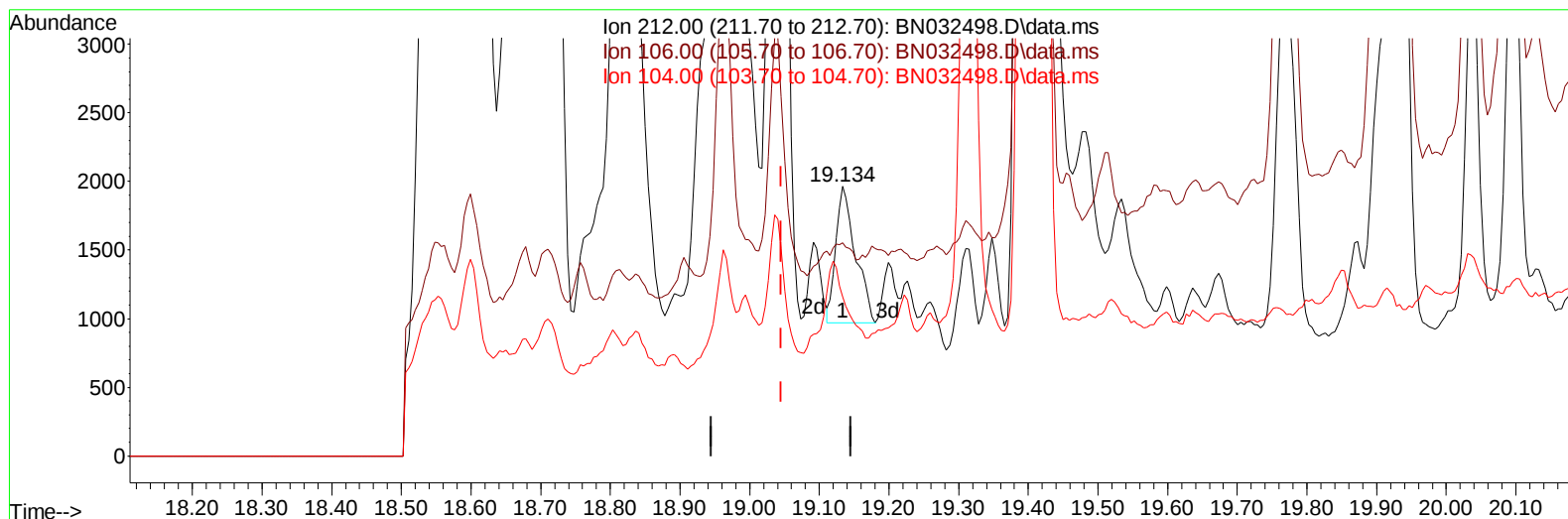
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

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TIC: BN032498.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.134min (+ 0.088) 0.04 ng/u1

response 1930

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	36.79#
104.00	8.40	83.06#
0.00	0.00	0.00

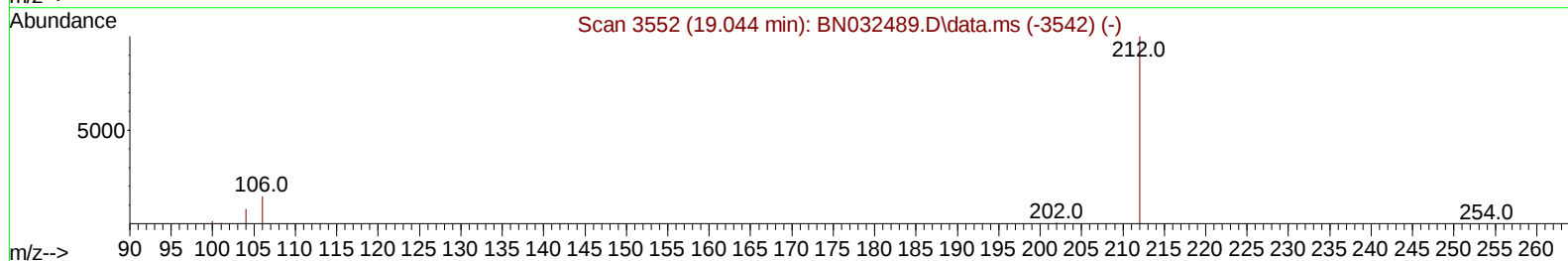
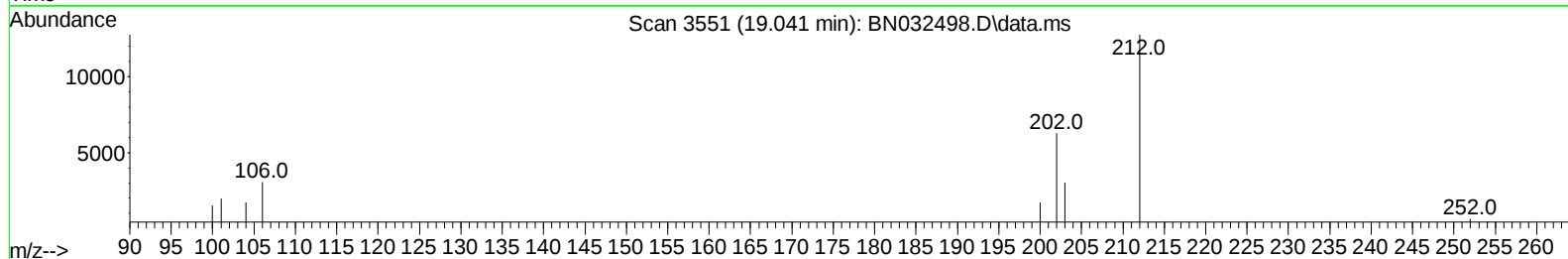
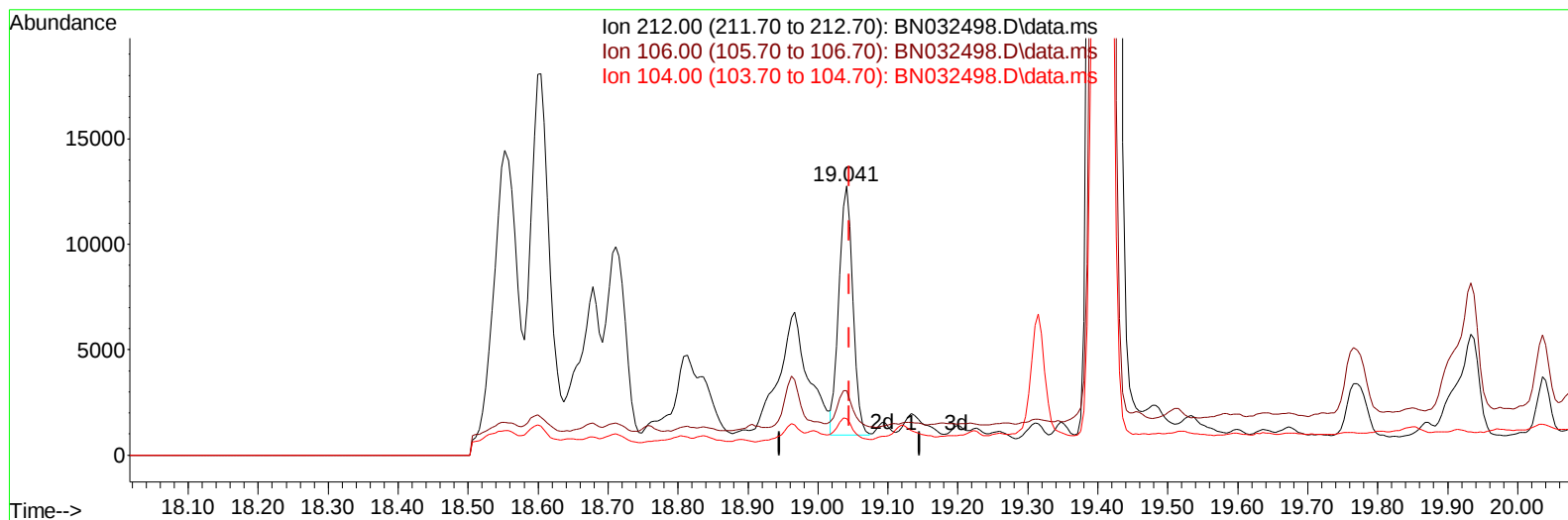
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 2024
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Response via : Initial Calibration

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



TIC: BN032498.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.005) 0.34 ng/ul m

response 16206

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	4.38#
104.00	8.40	9.89
0.00	0.00	0.00

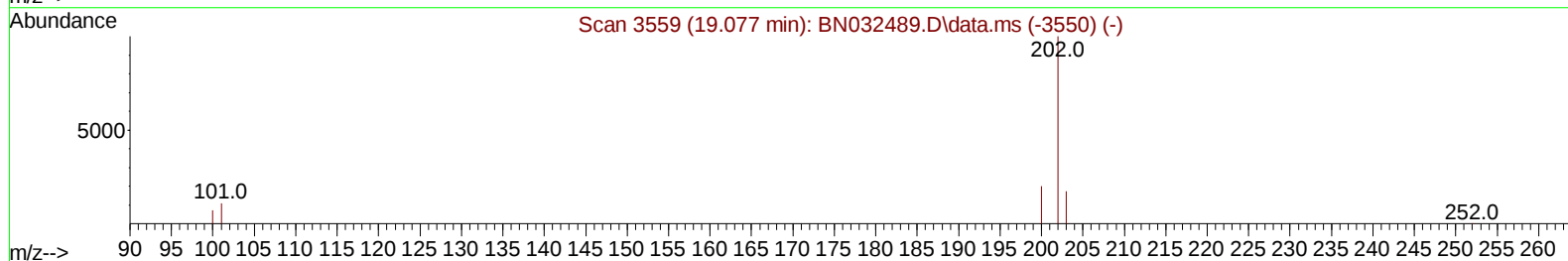
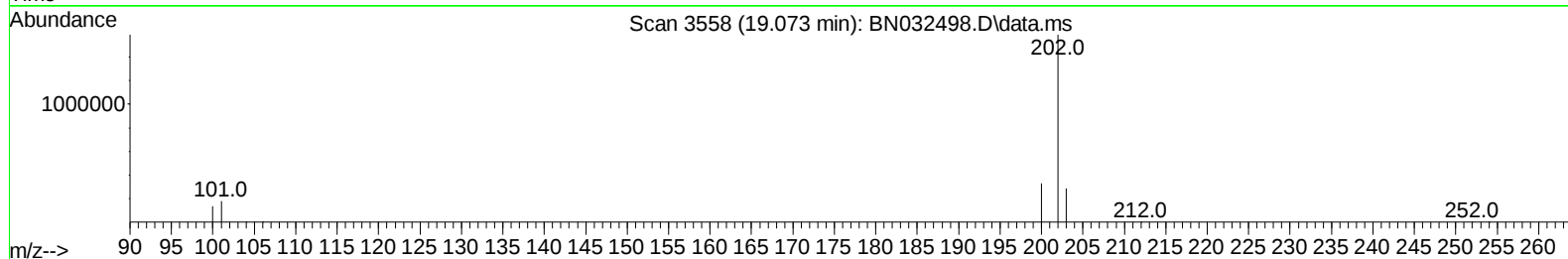
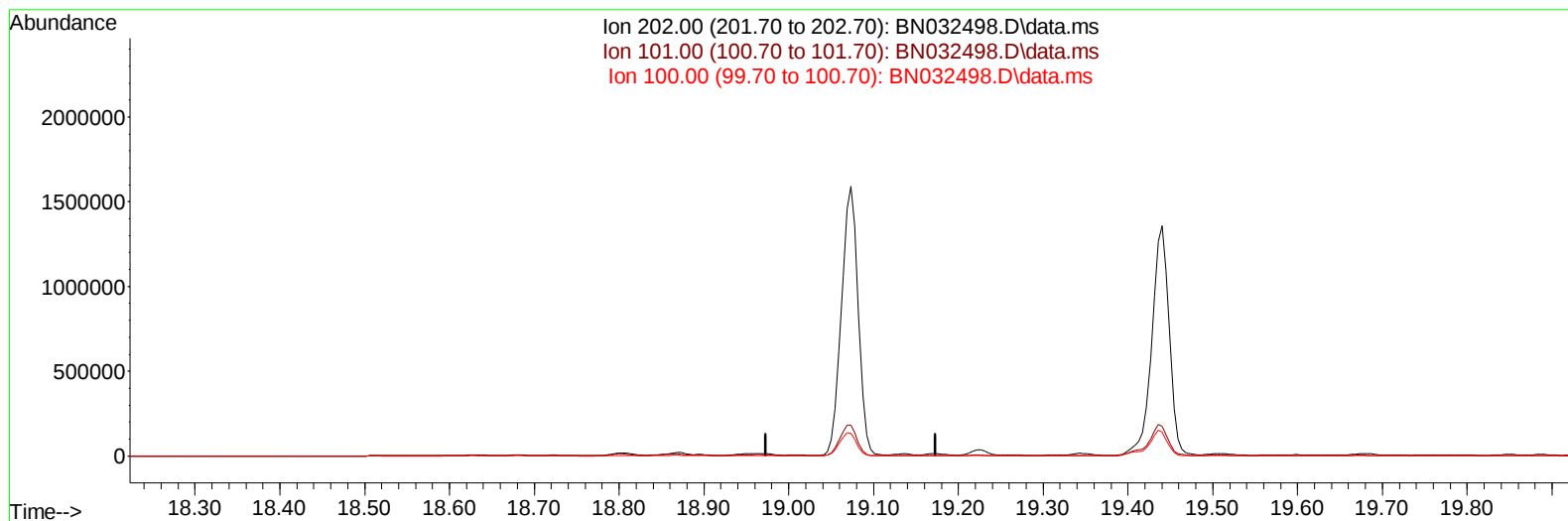
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
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Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032498.D\data.ms

(19) Fluoranthene (C)

19.073min (-19.073) 0.00 ng/u1

response 0

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

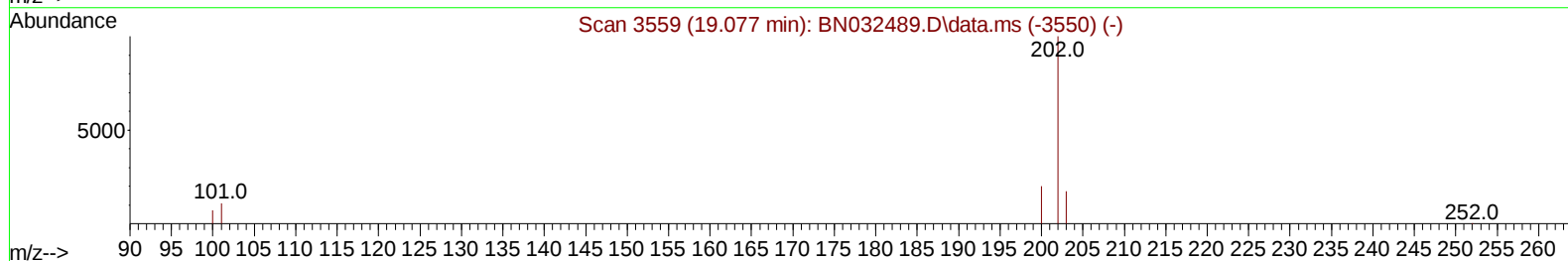
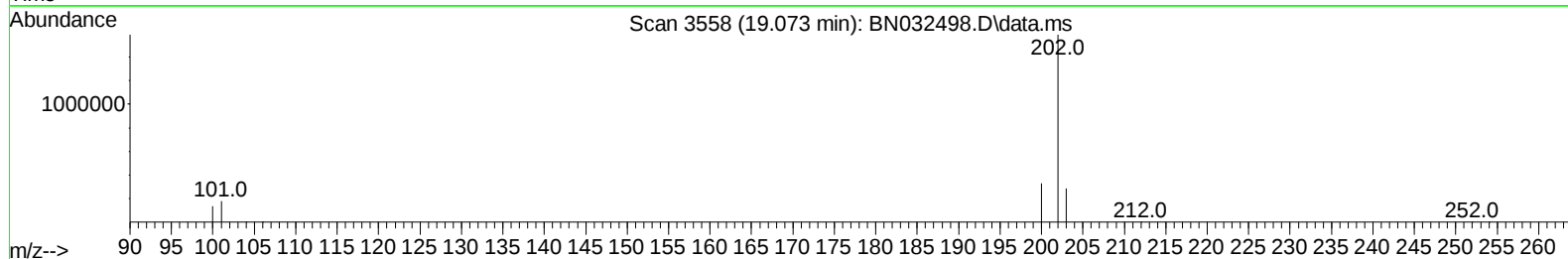
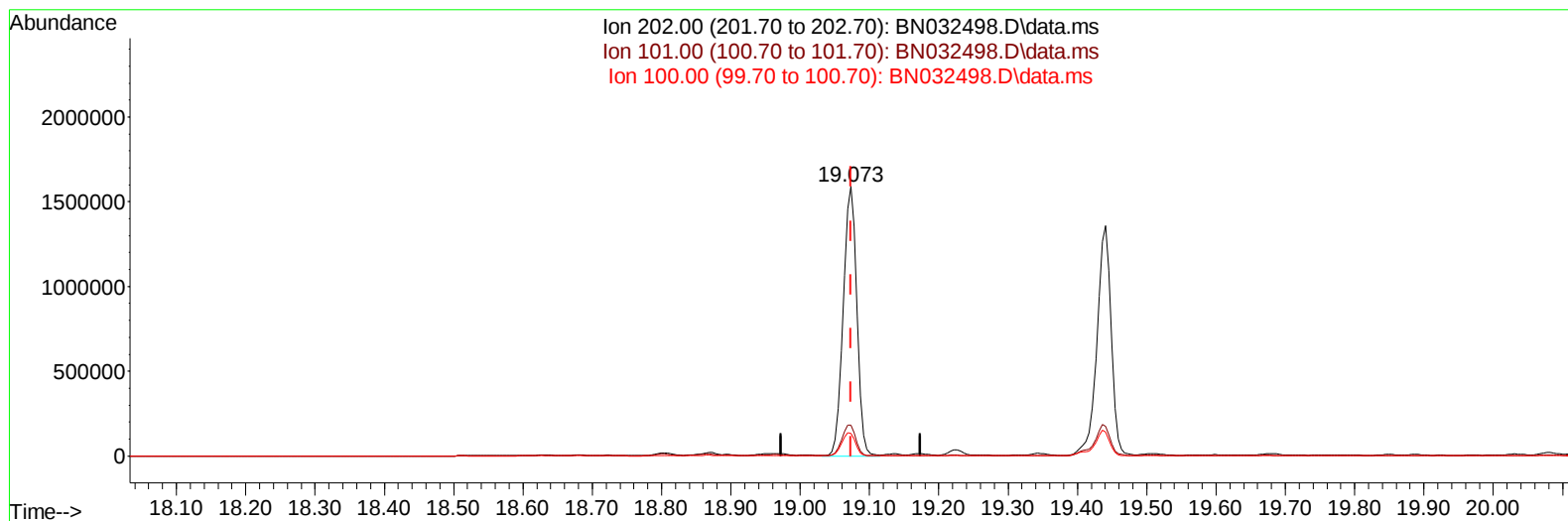
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032498.D\data.ms

(19) Fluoranthene (C)

19.073min (+ 0.000) 36.49 ng/ul m

response 2195150

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.38
100.00	8.00	8.49
0.00	0.00	0.00

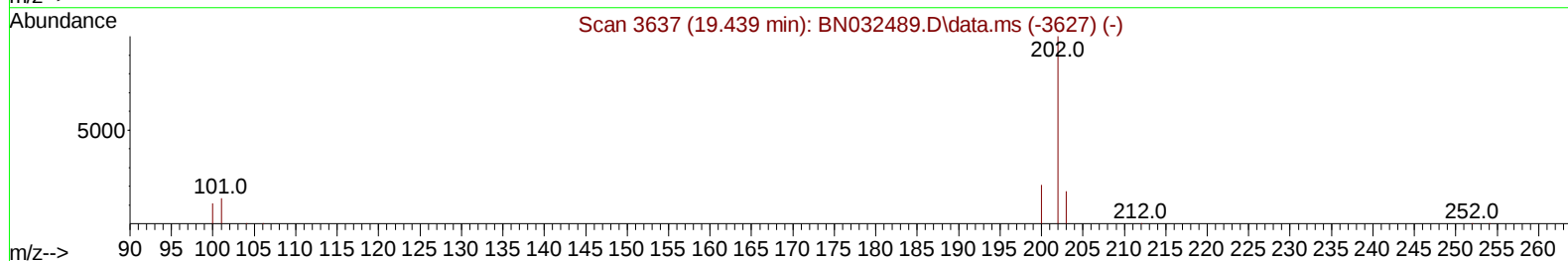
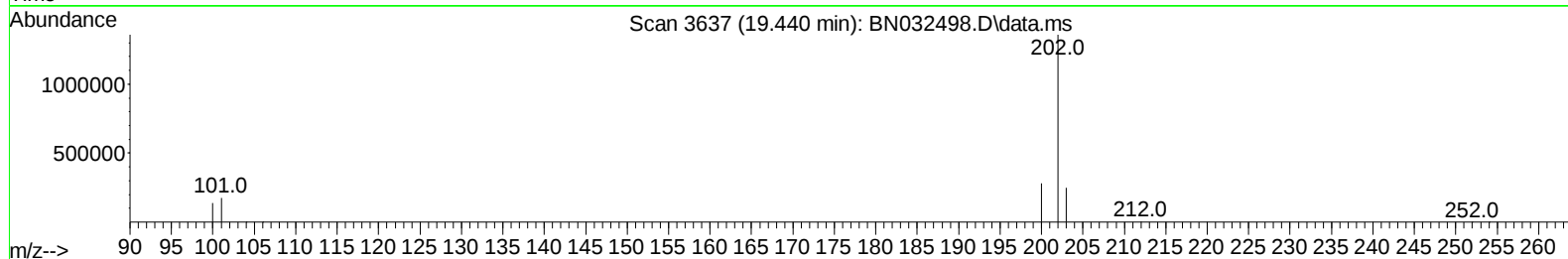
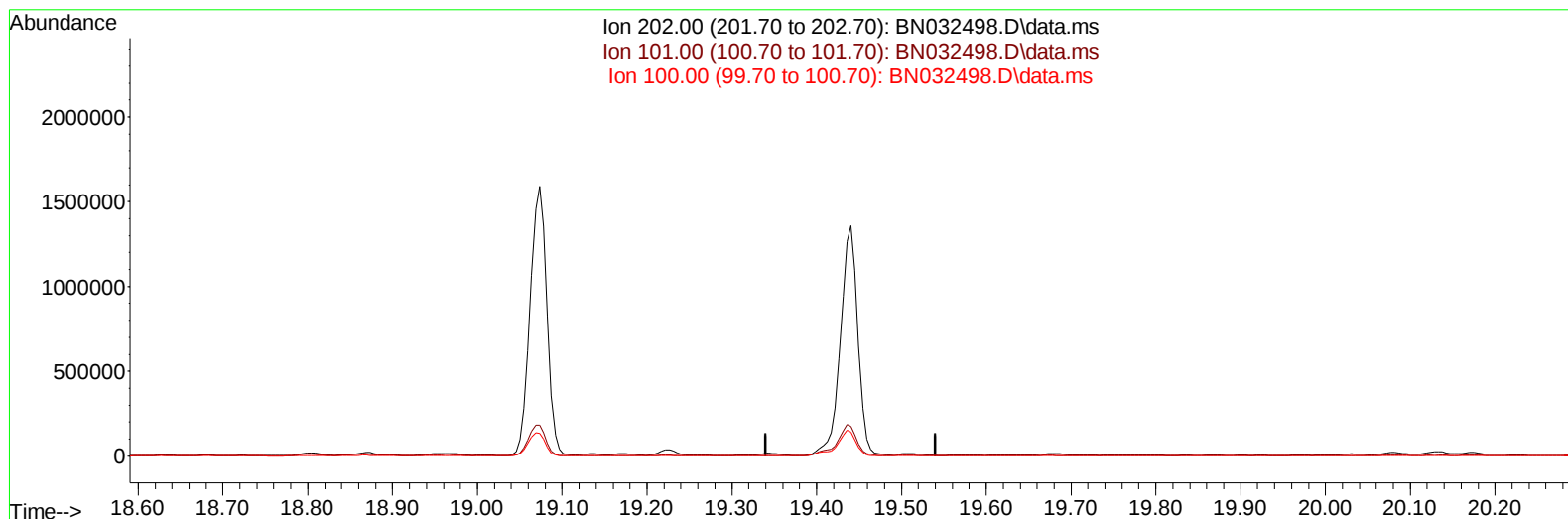
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032498.D\data.ms

(20) Pyrene

19.440min (-19.440) 0.00 ng/u1

response 0

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

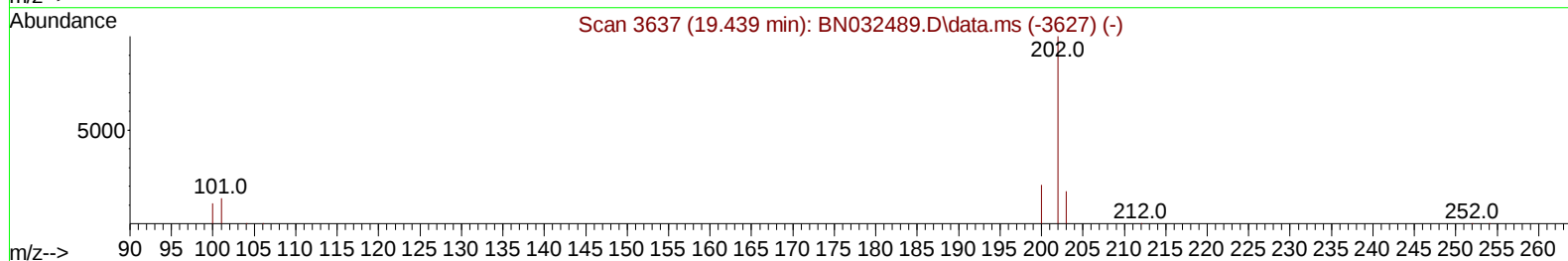
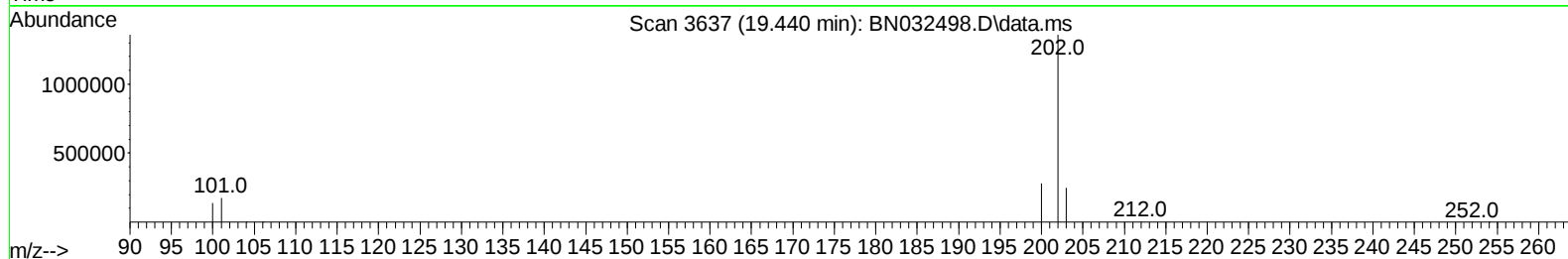
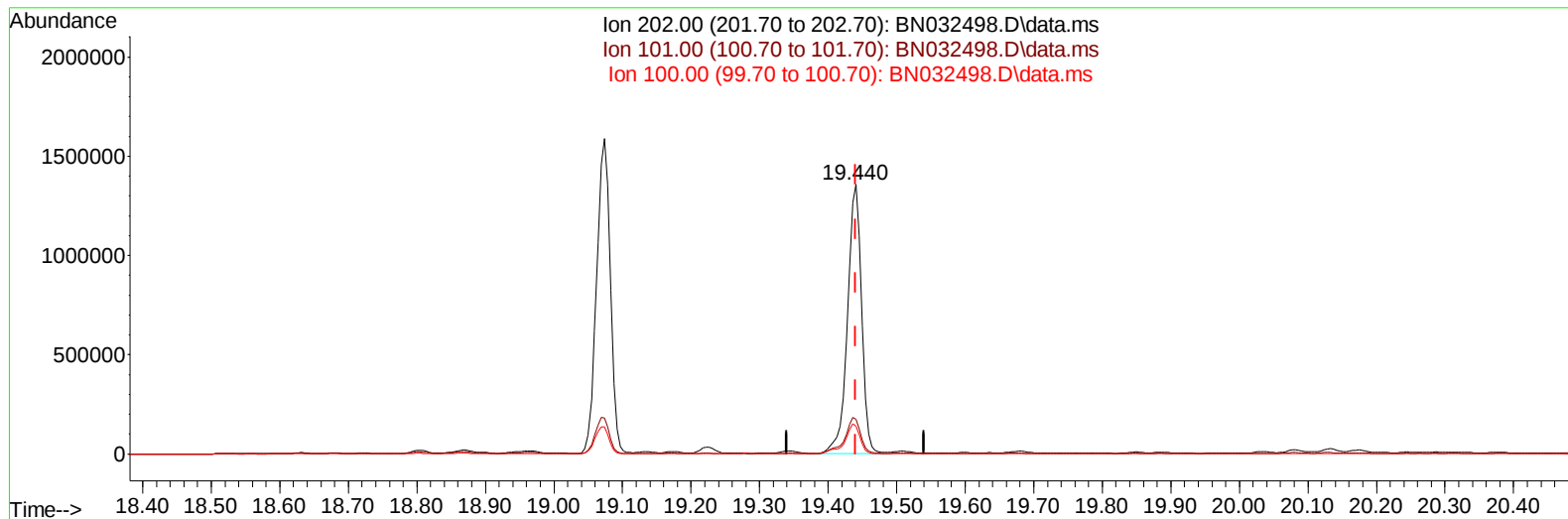
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(20) Pyrene

19.440min (+ 0.000) 31.00 ng/ul m

response 1948910

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.96
100.00	10.90	10.28
0.00	0.00	0.00

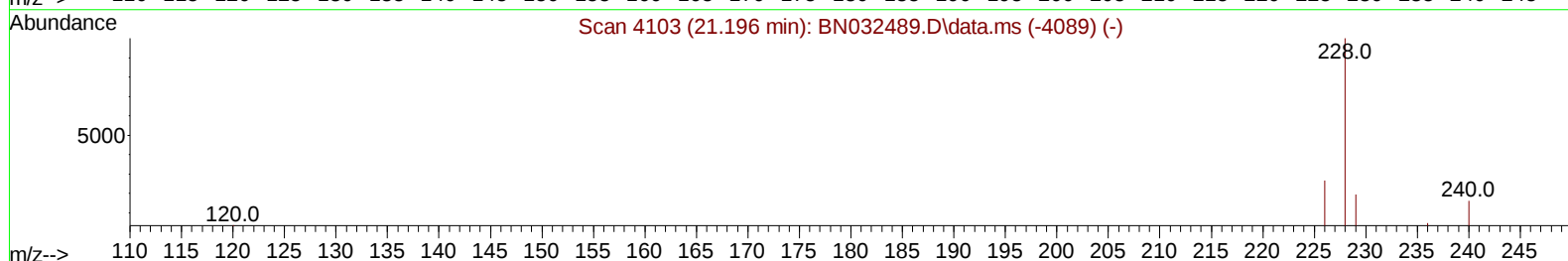
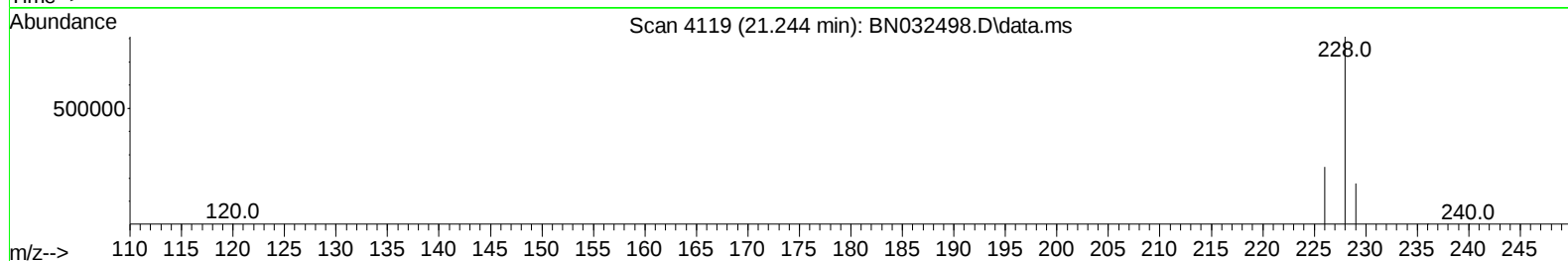
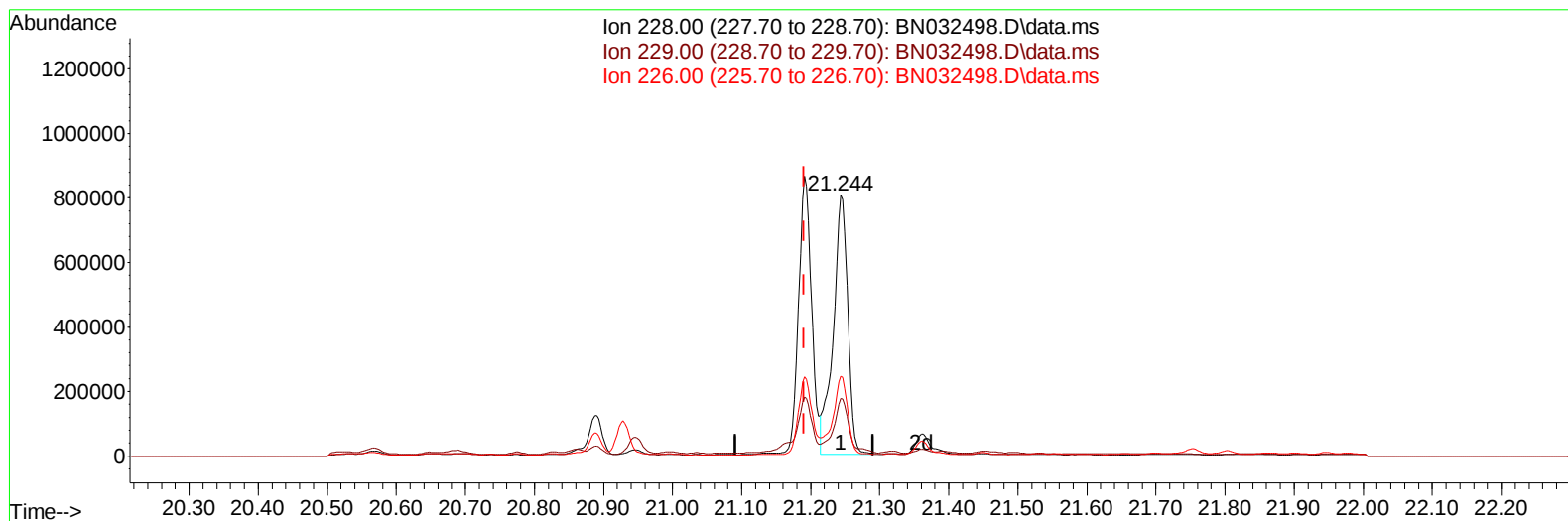
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(21) Benzo(a)anthracene

21.244min (+ 0.053) 20.53 ng/u1

response 1170308

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.98
226.00	27.30	30.68
0.00	0.00	0.00

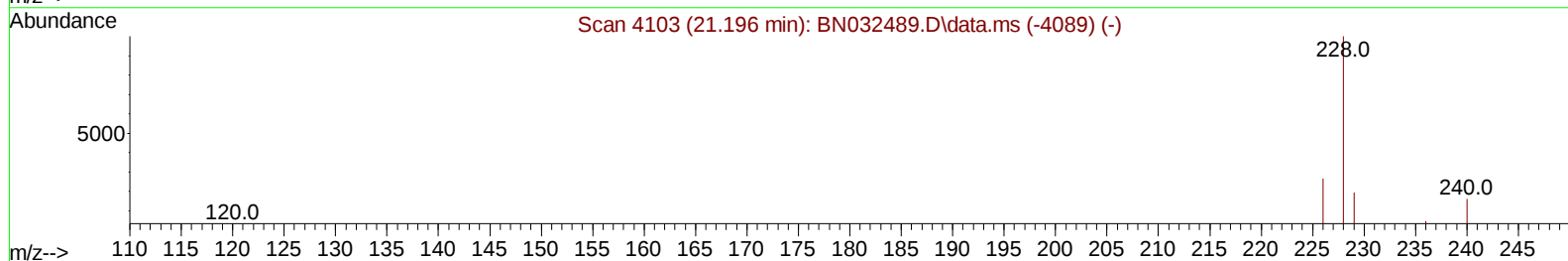
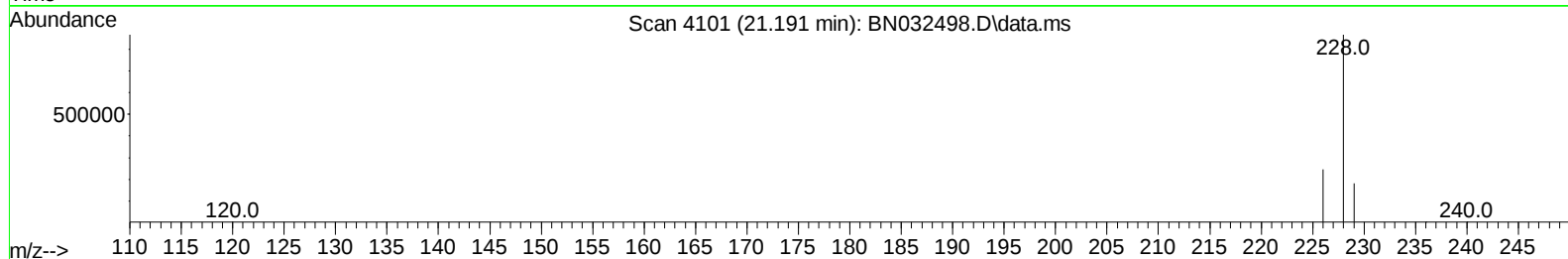
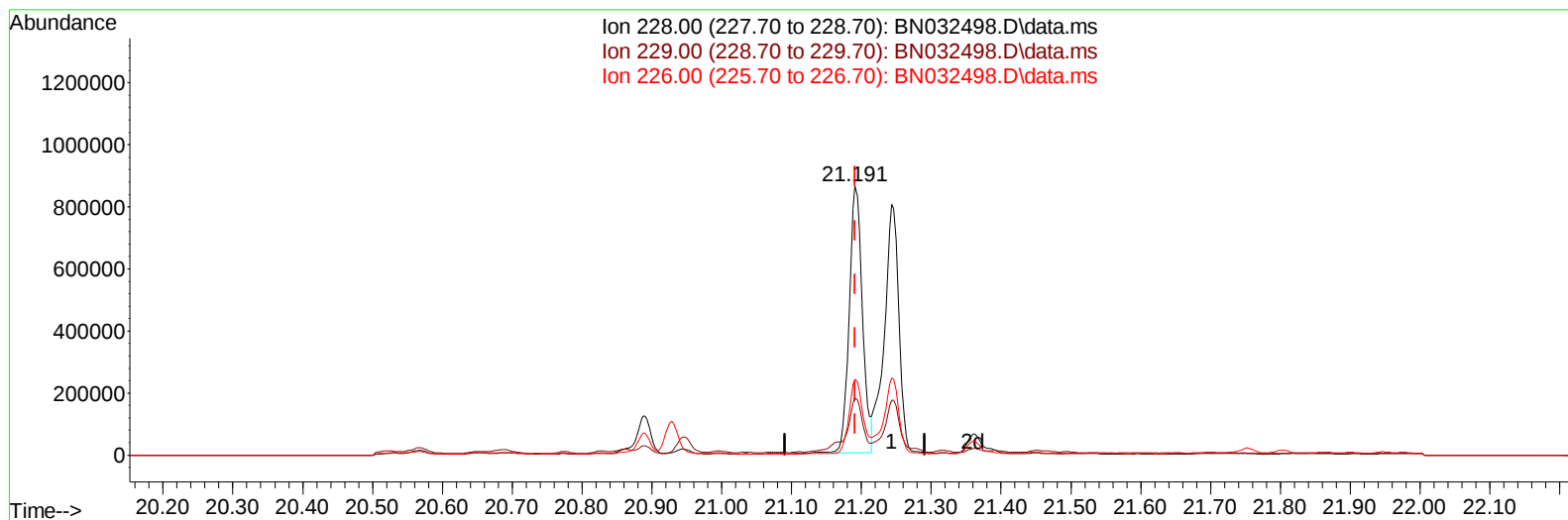
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(21) Benzo(a)anthracene

21.191min (+ 0.000) 19.75 ng/ul m

response 1126035

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.09
226.00	27.30	28.26
0.00	0.00	0.00

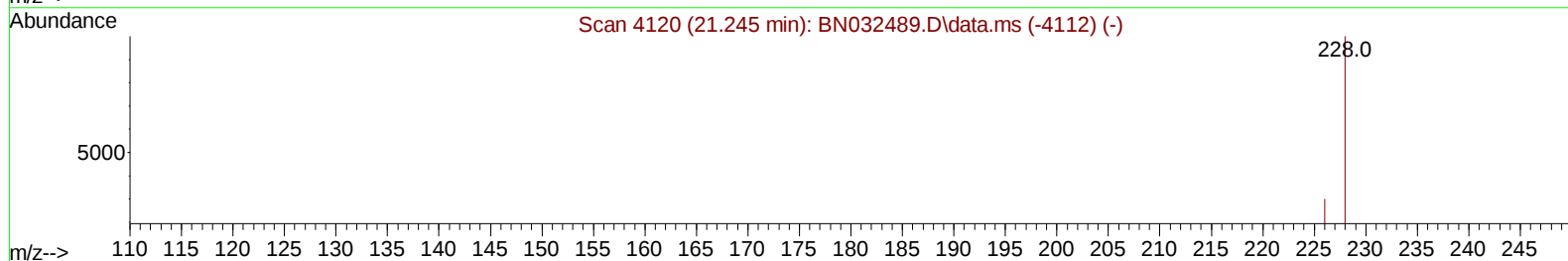
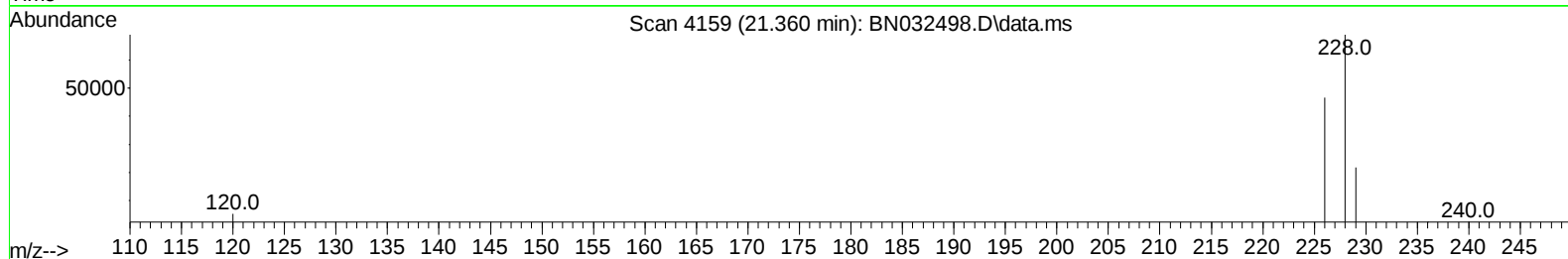
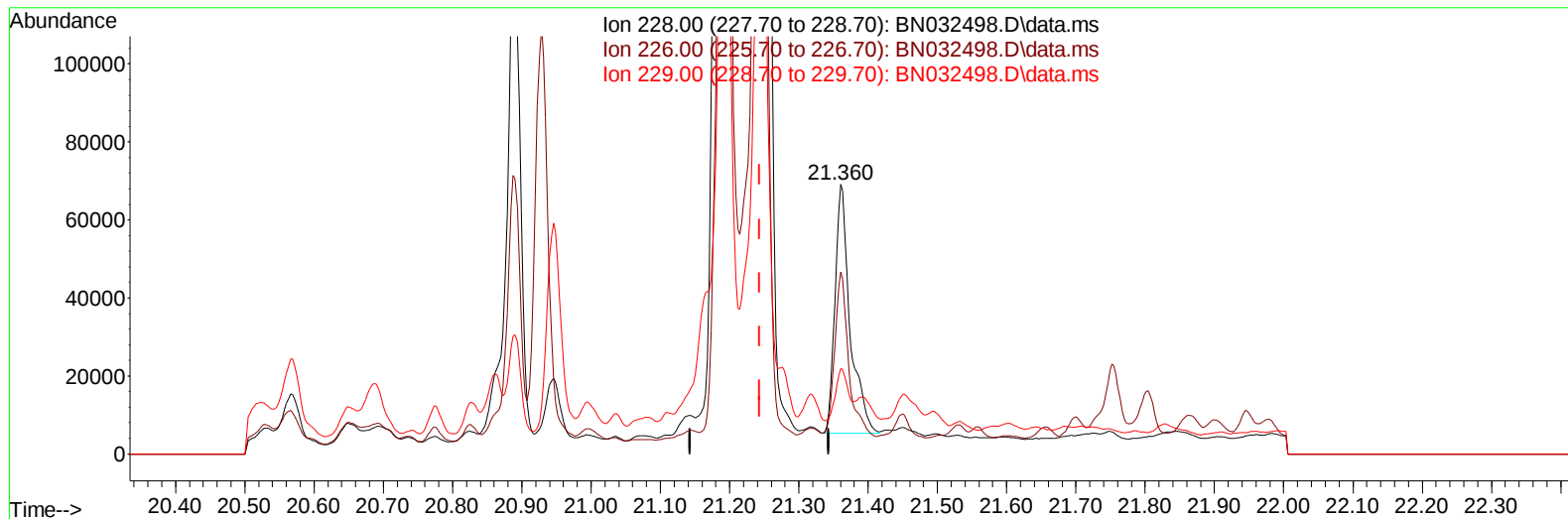
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(22) Chrysene

21.360min (+ 0.117) 1.56 ng/u1

response 97405

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	67.47#
229.00	19.60	31.63#
0.00	0.00	0.00

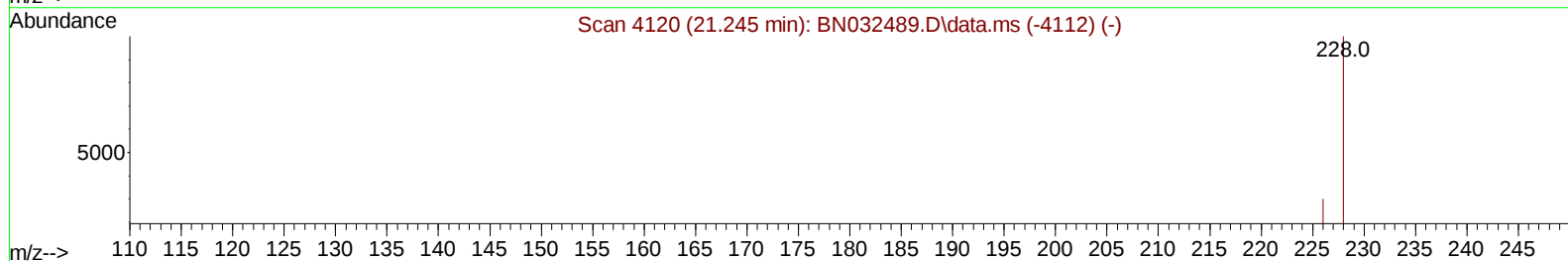
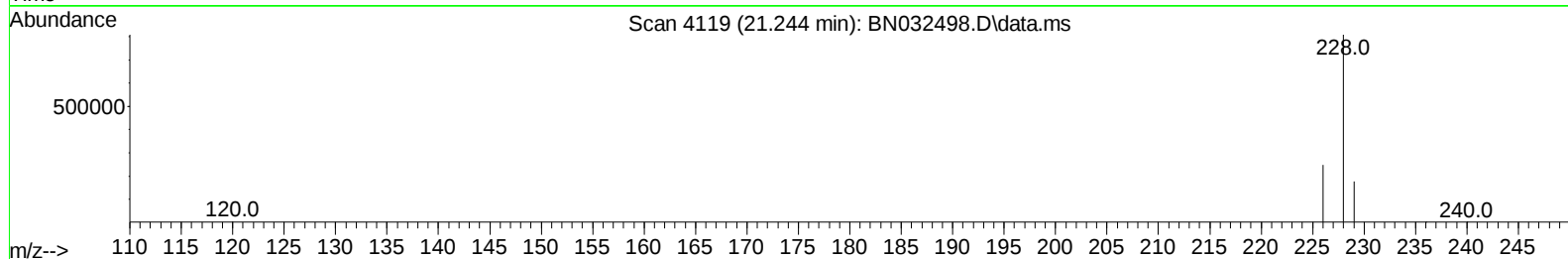
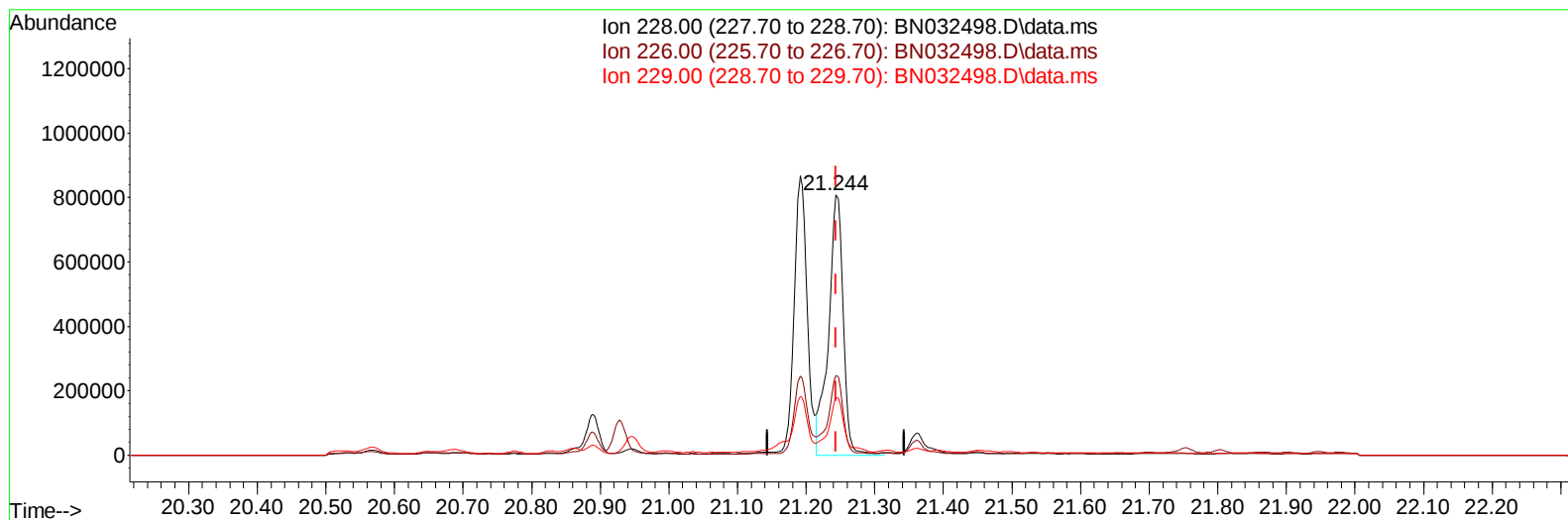
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(22) Chrysene

21.244min (+ 0.000) 19.27 ng/ul m

response 1206082

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.68
229.00	19.60	21.98
0.00	0.00	0.00

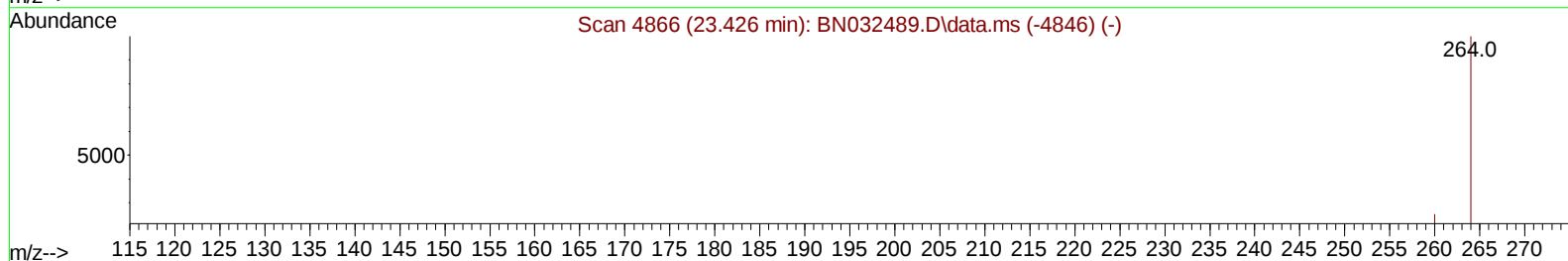
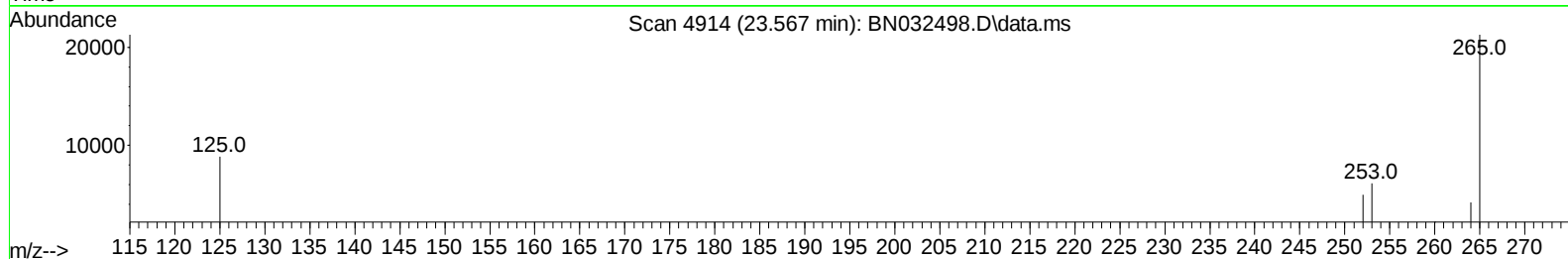
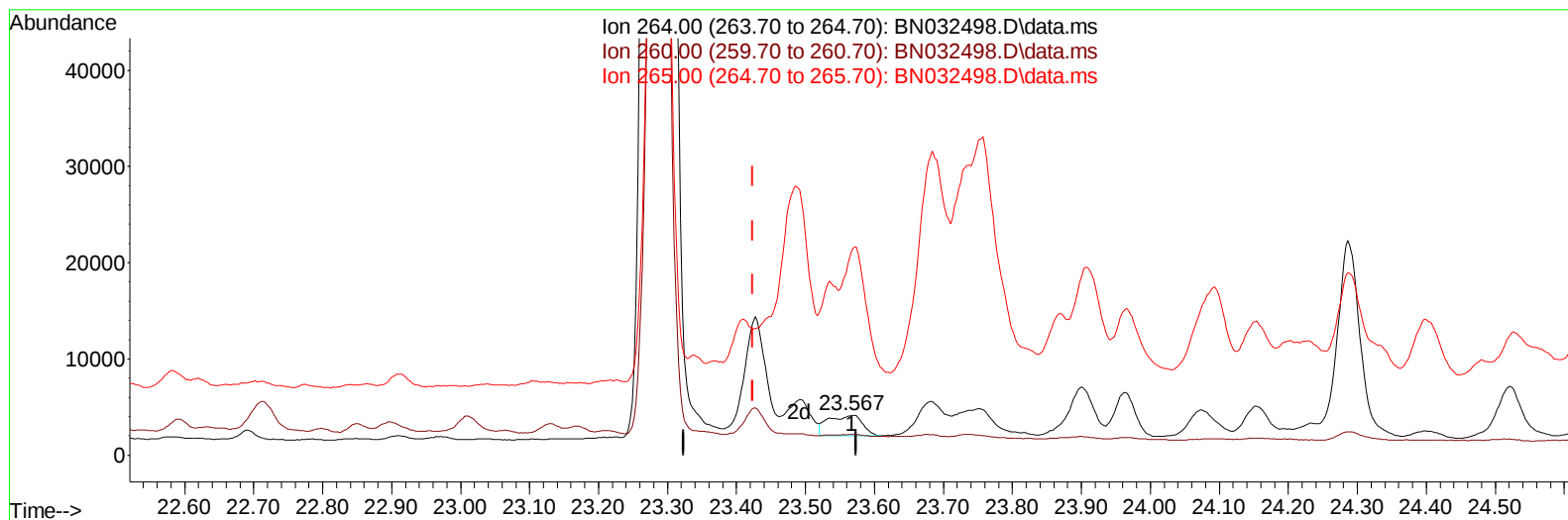
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(23) Perylene-d12 (I)

23.567min (+ 0.143) 0.40 ng/ul

response 7295

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	52.12#
265.00	67.20	513.46#
0.00	0.00	0.00

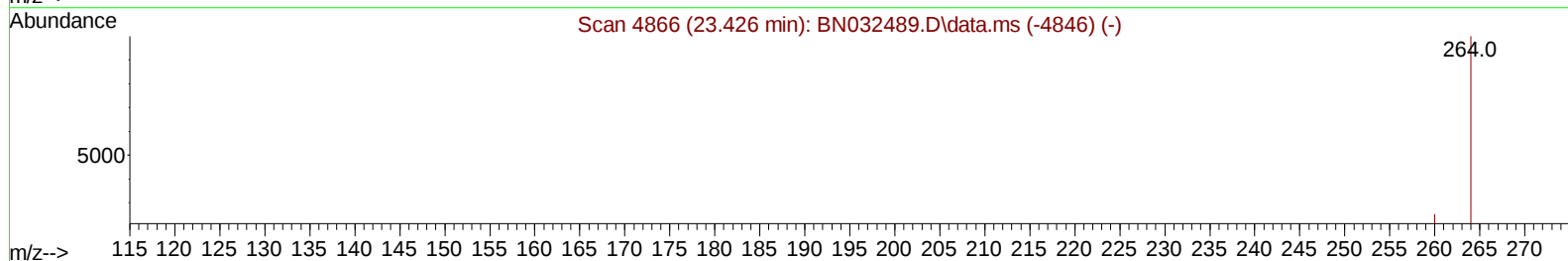
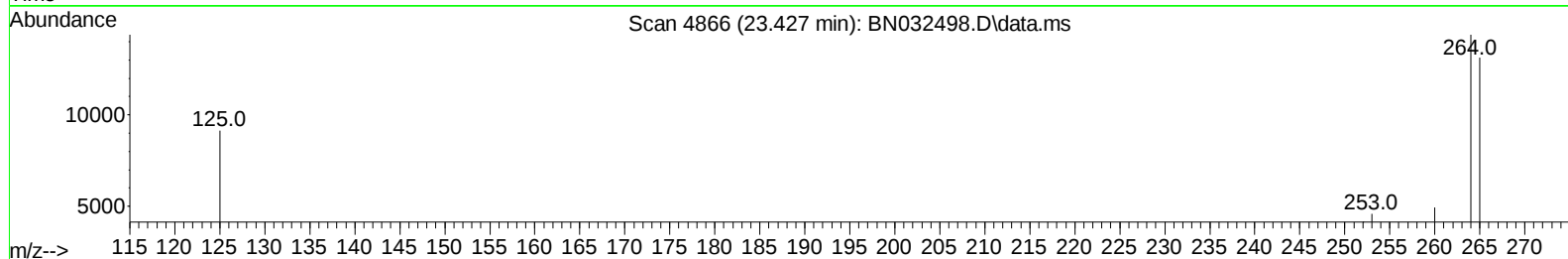
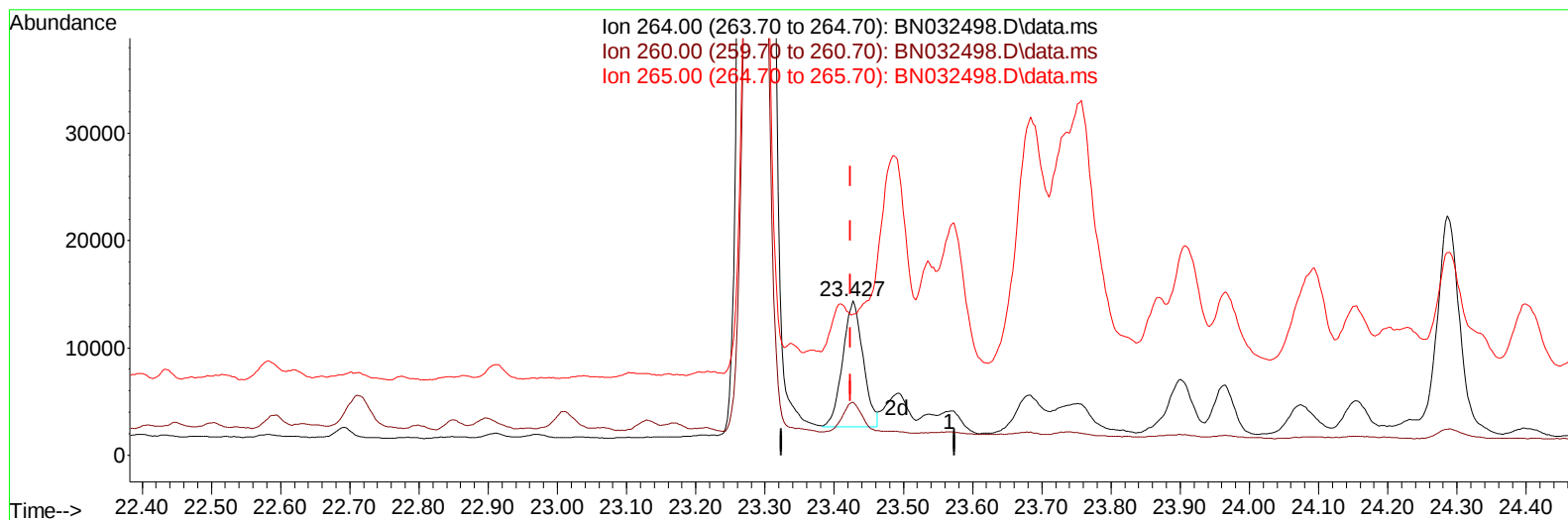
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032498.D
 Acq On : 05 Jul 2024 06:10
 Operator : MA/JU
 Sample : P2963-13
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(23) Perylene-d12 (I)

23.427min (+ 0.003) 0.40 ng/ul m

response 24039

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	34.40#
265.00	67.20	91.38#
0.00	0.00	0.00

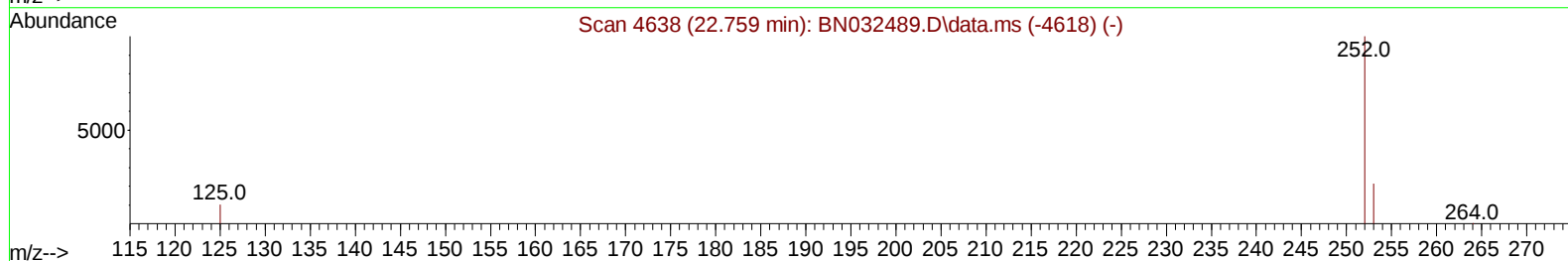
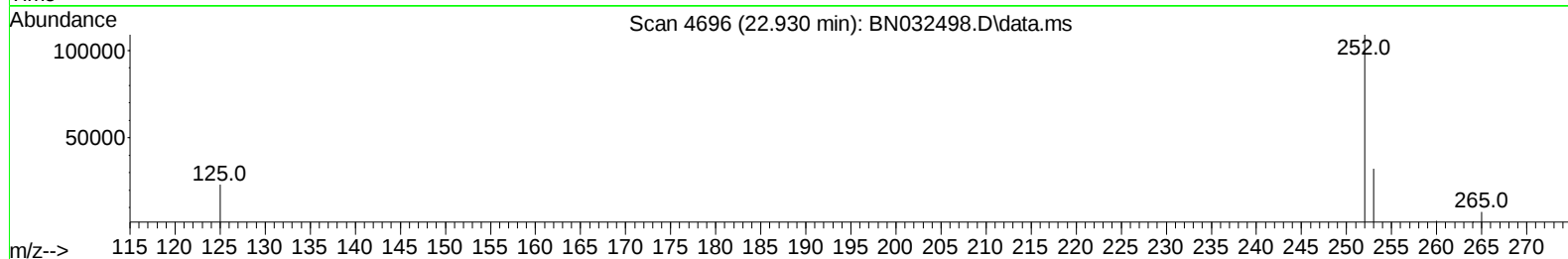
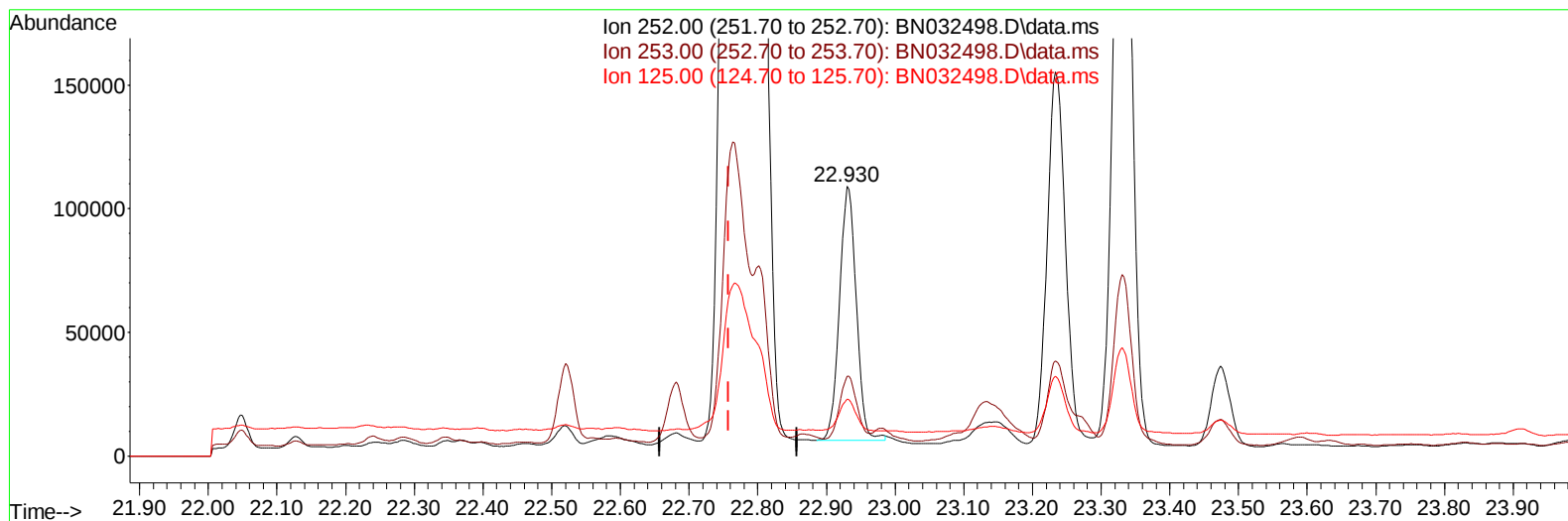
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(24) Benzo(b)fluoranthene

22.930min (+ 0.173) 1.67 ng/u1

response 174697

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	29.71
125.00	16.00	21.17
0.00	0.00	0.00

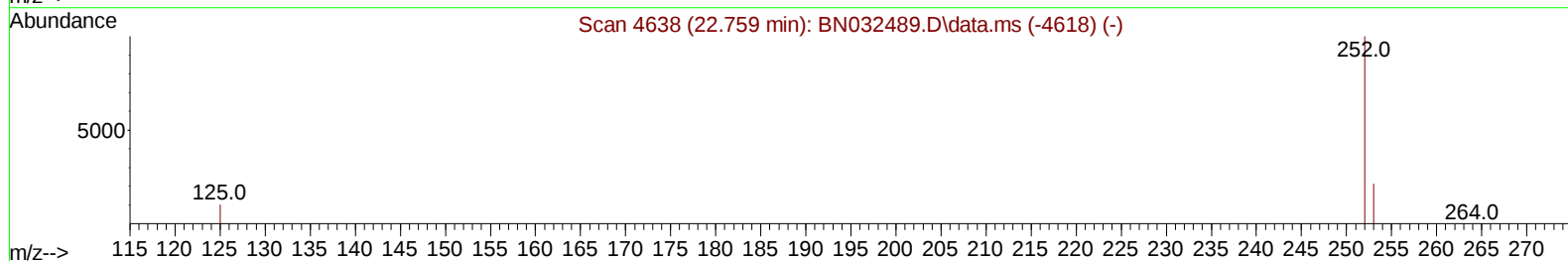
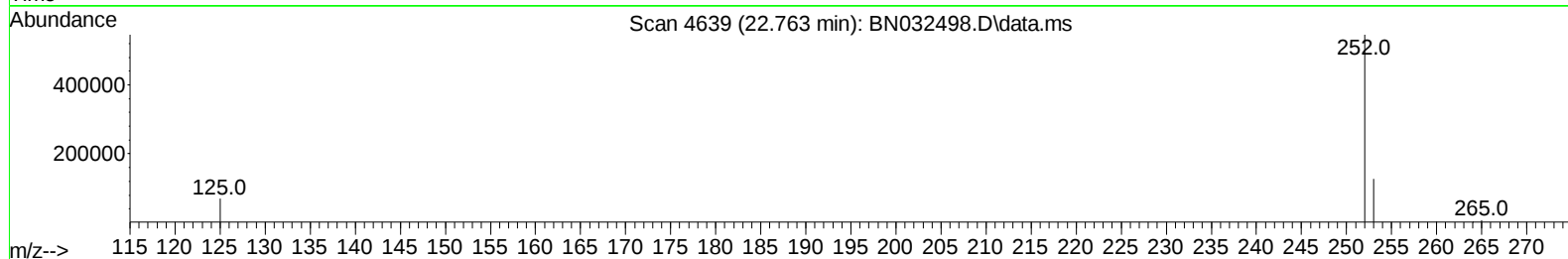
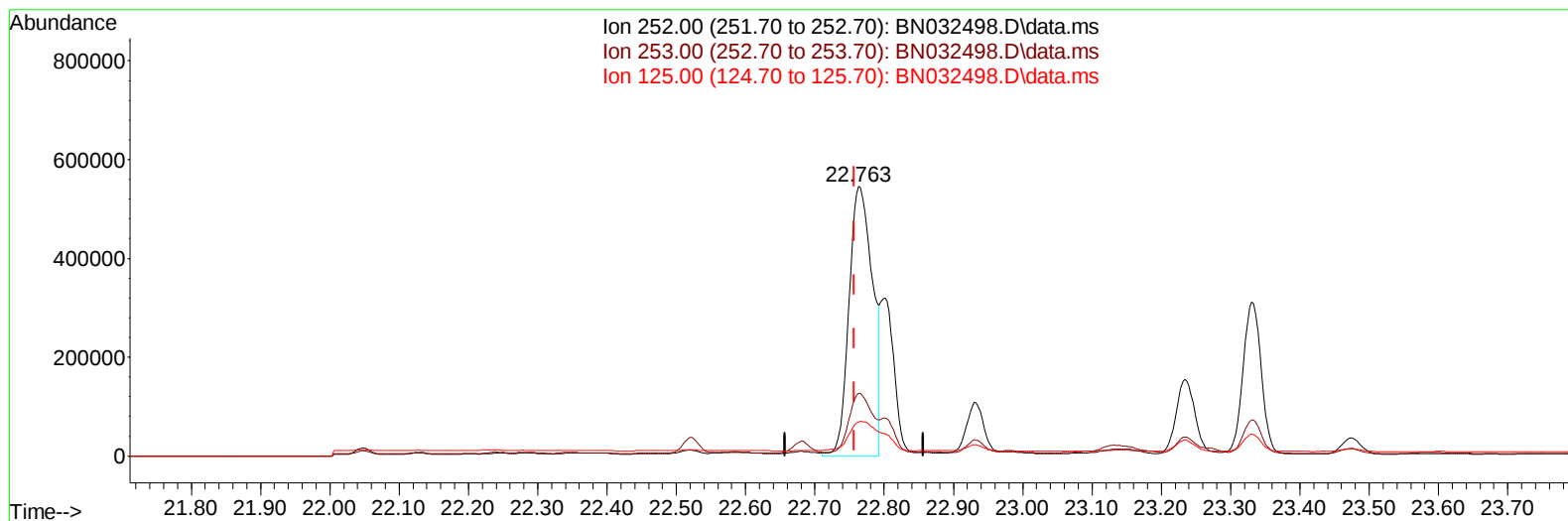
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (+ 0.006) 12.50 ng/ul m

response 1305293

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.30
125.00	16.00	12.66
0.00	0.00	0.00

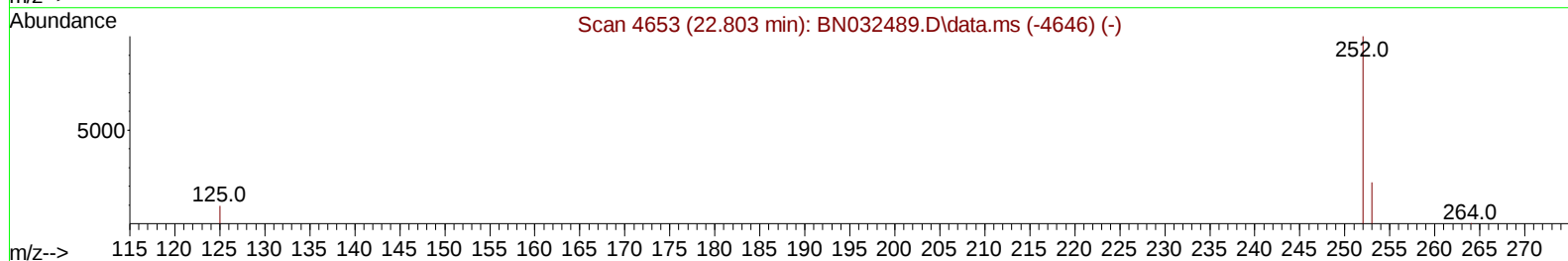
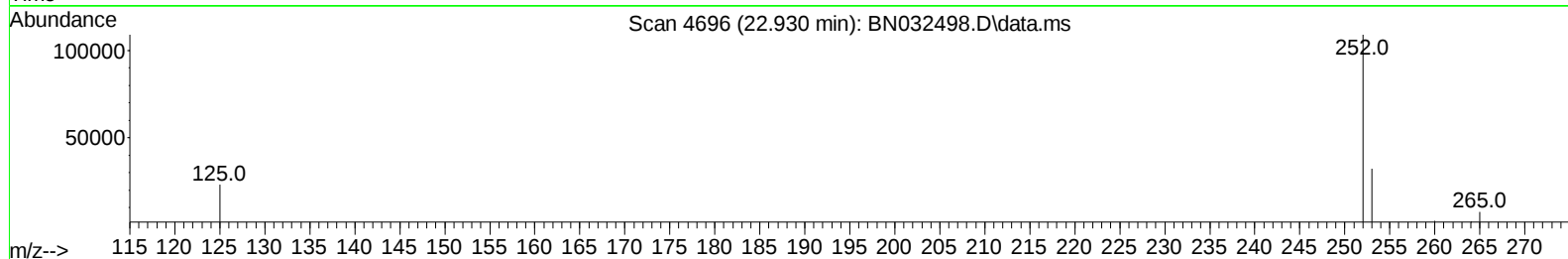
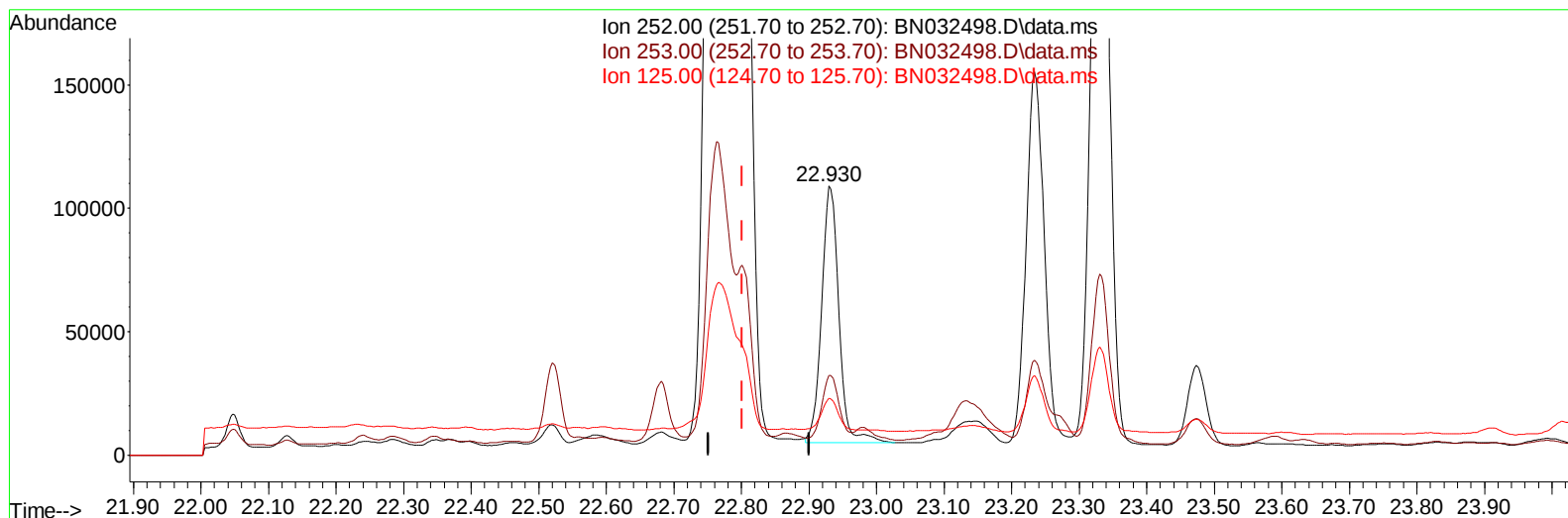
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(25) Benzo(k)fluoranthene

22.930min (+ 0.129) 1.82 ng/u1

response 184335

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	29.71
125.00	16.00	21.17#
0.00	0.00	0.00

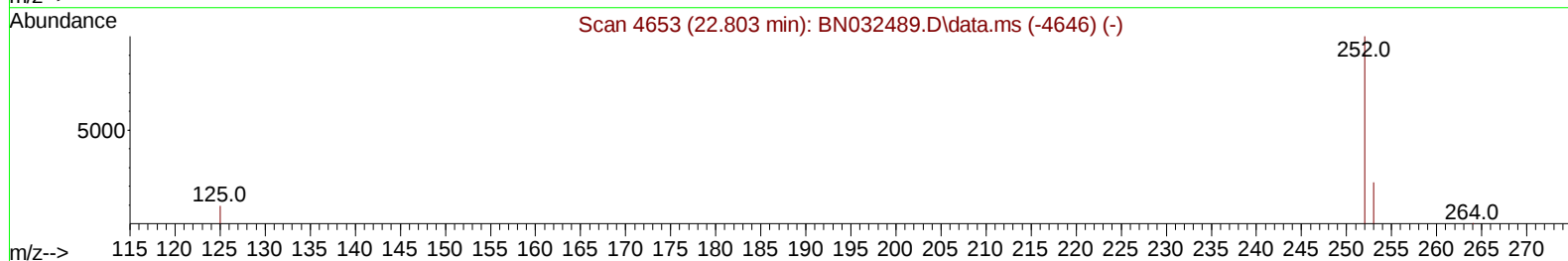
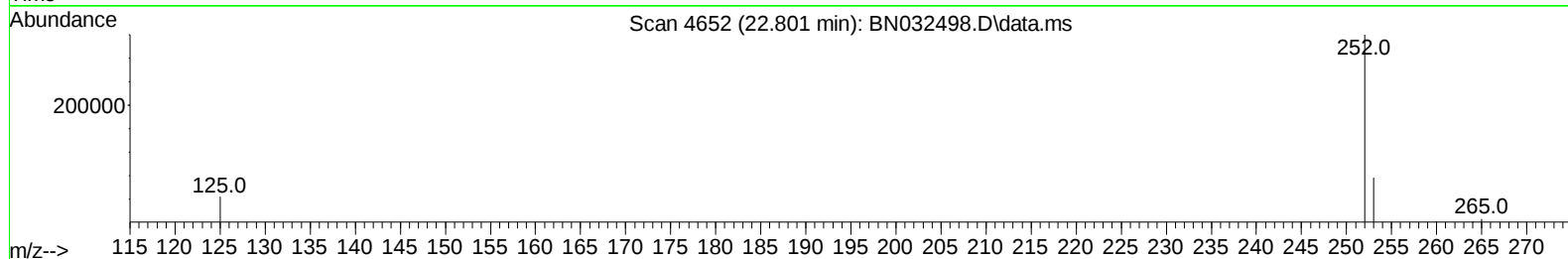
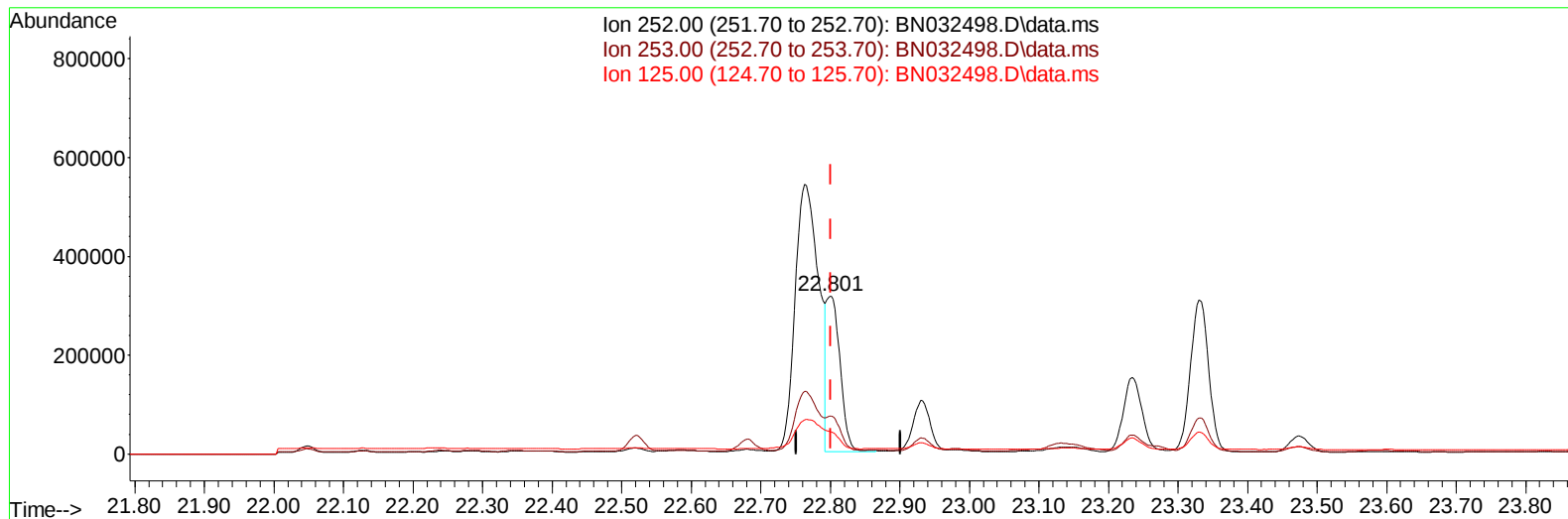
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (+ 0.000) 4.17 ng/u1 m

response 423124

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.00
125.00	16.00	13.91
0.00	0.00	0.00

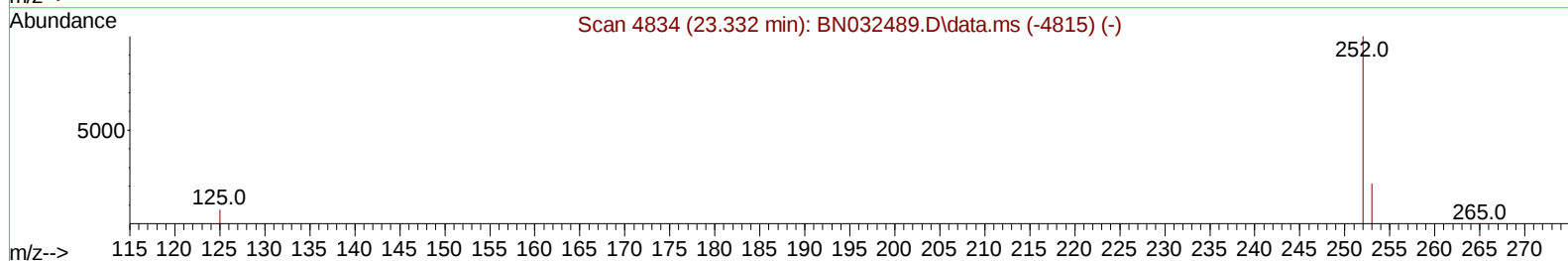
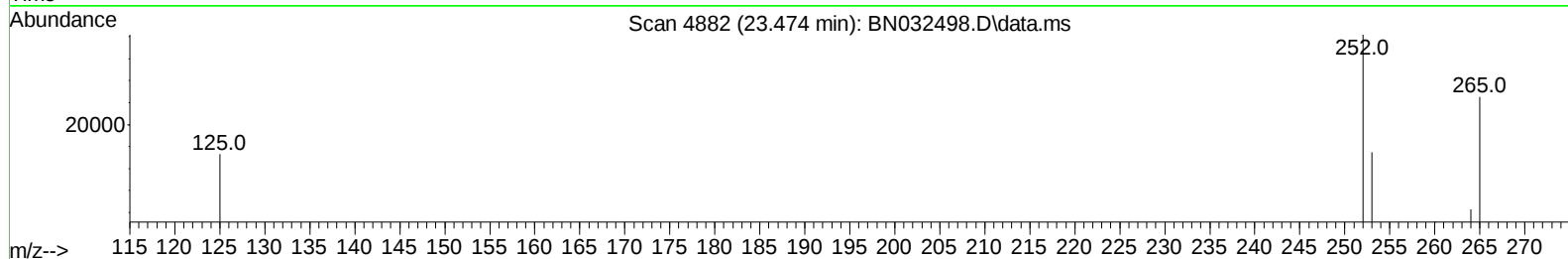
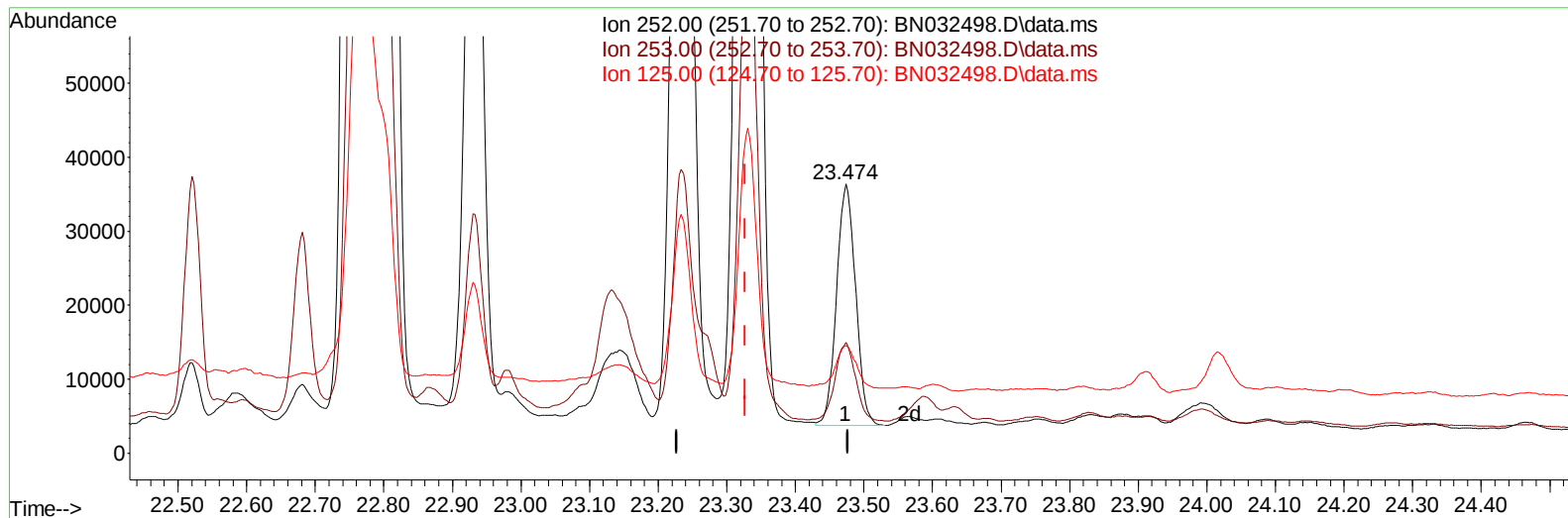
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(26) Benzo(a)pyrene (C)

23.474min (+ 0.146) 0.87 ng/u1

response 63256

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	41.04#
125.00	20.50	40.06#
0.00	0.00	0.00

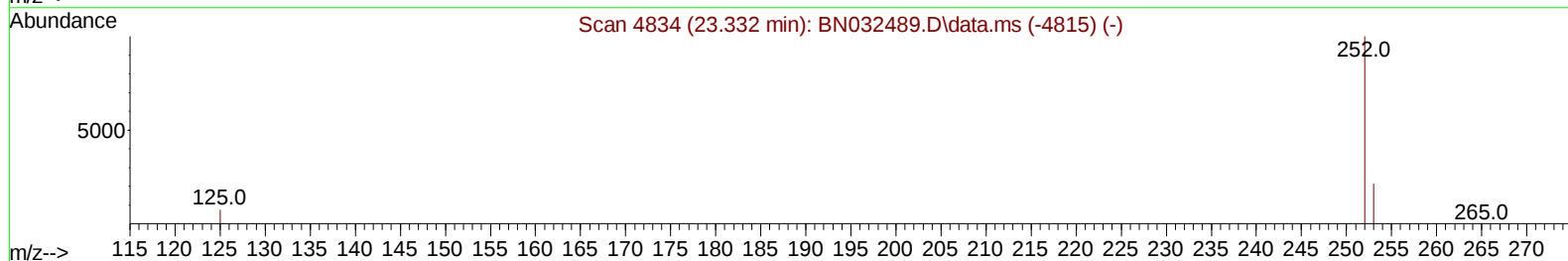
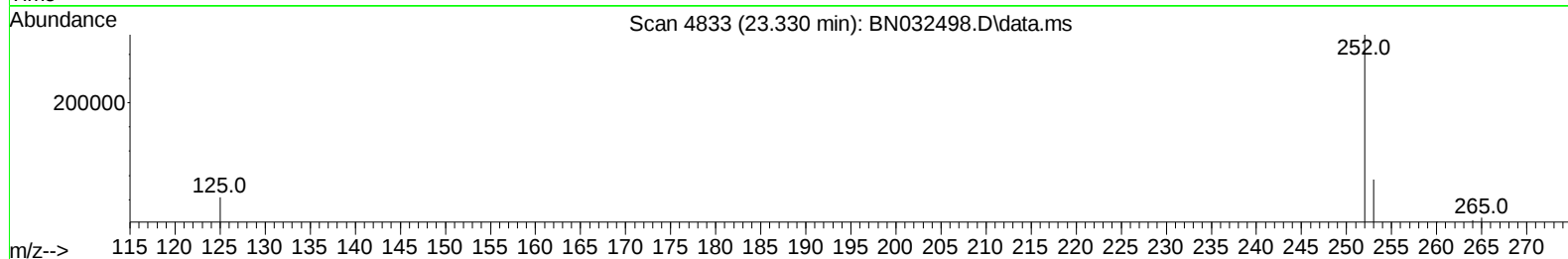
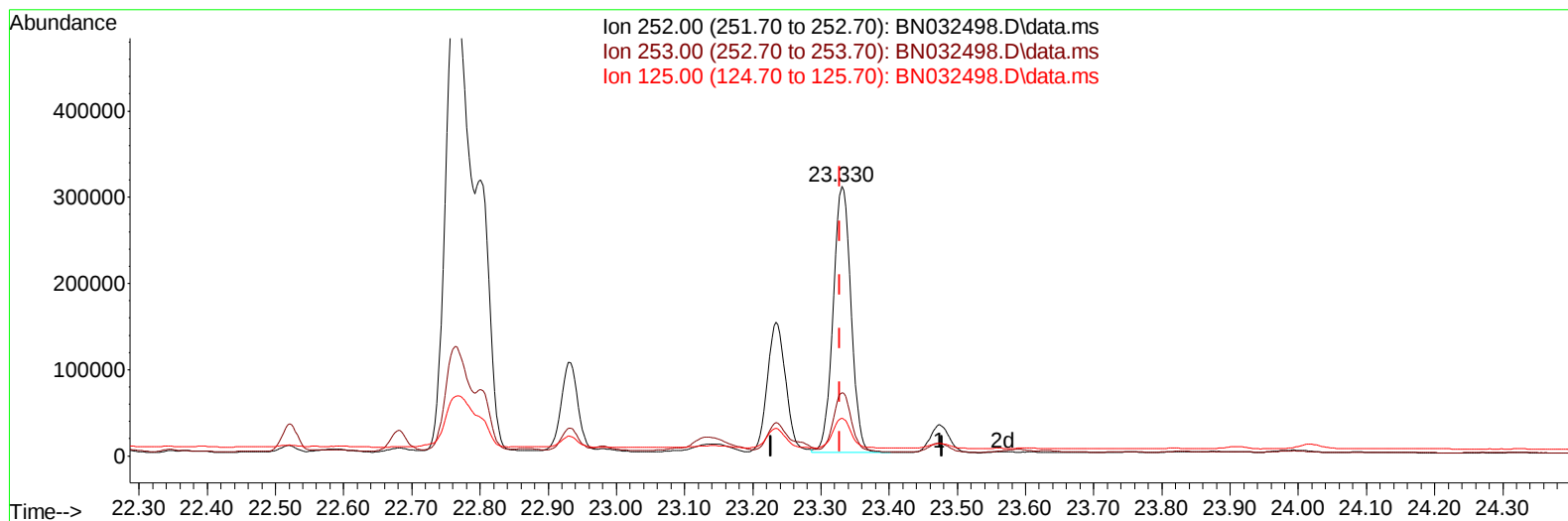
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(26) Benzo(a)pyrene (C)

23.330min (+ 0.003) 7.77 ng/u1 m

response 564526

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.45
125.00	20.50	14.05#
0.00	0.00	0.00

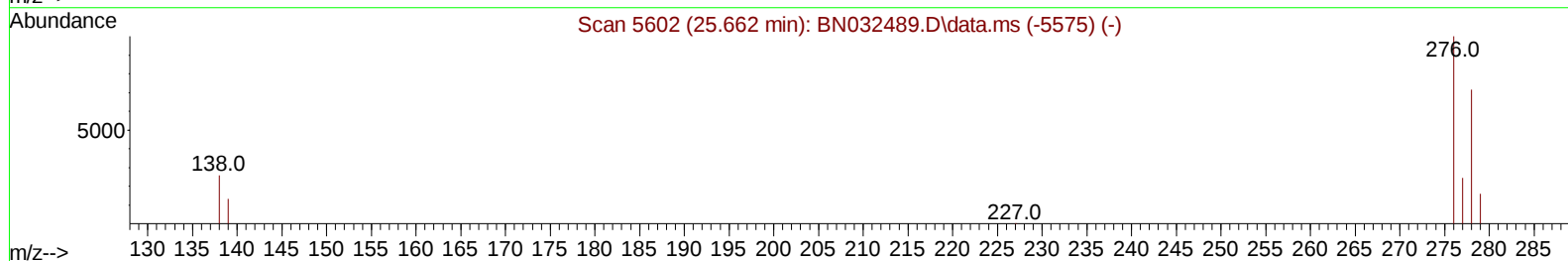
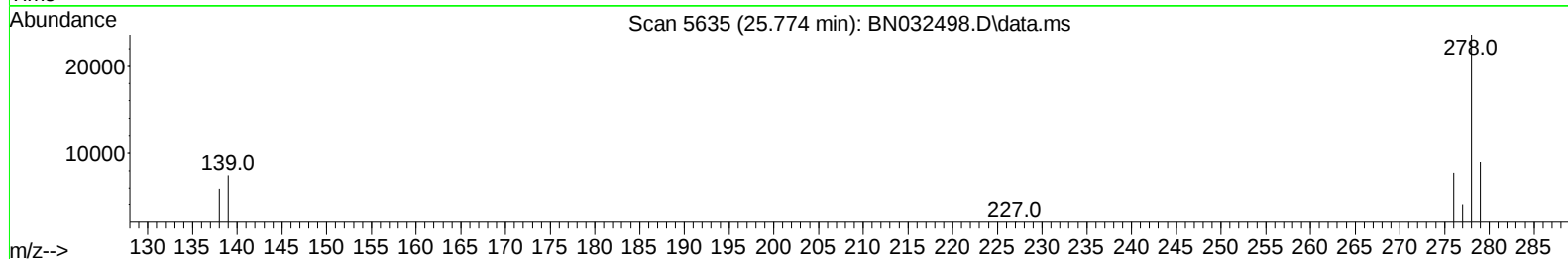
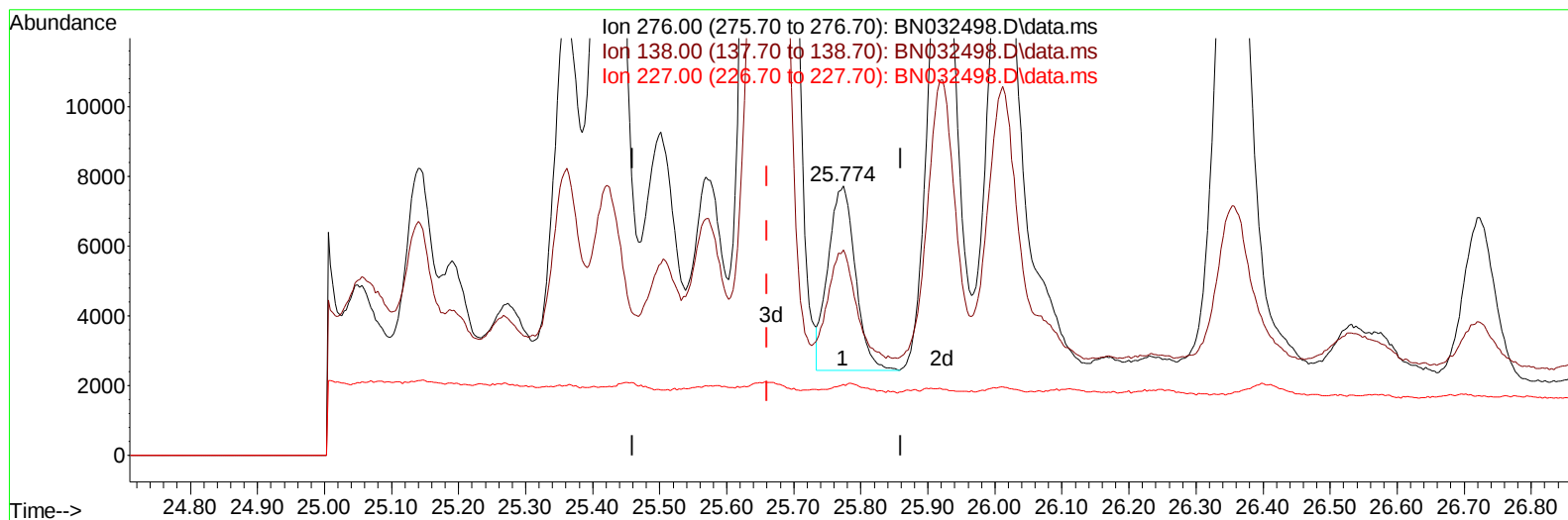
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

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

25.774min (+ 0.114) 0.13 ng/u1

response 14983

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	59.15#
227.00	0.10	5.12#
0.00	0.00	0.00

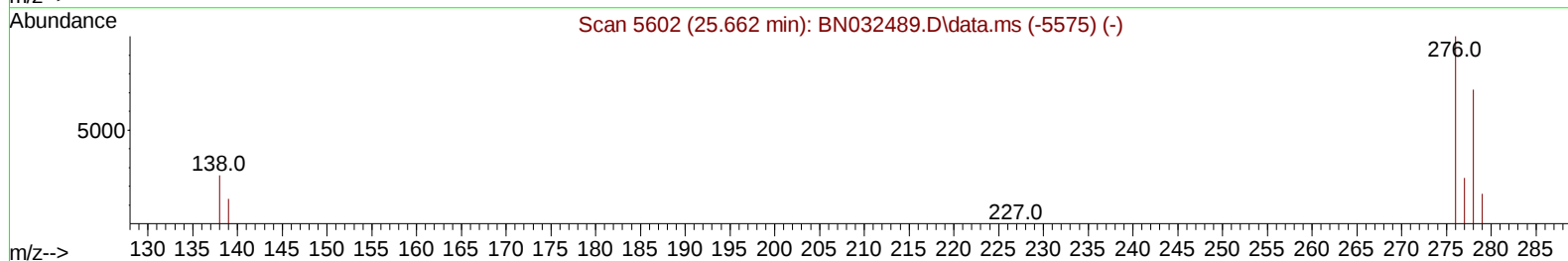
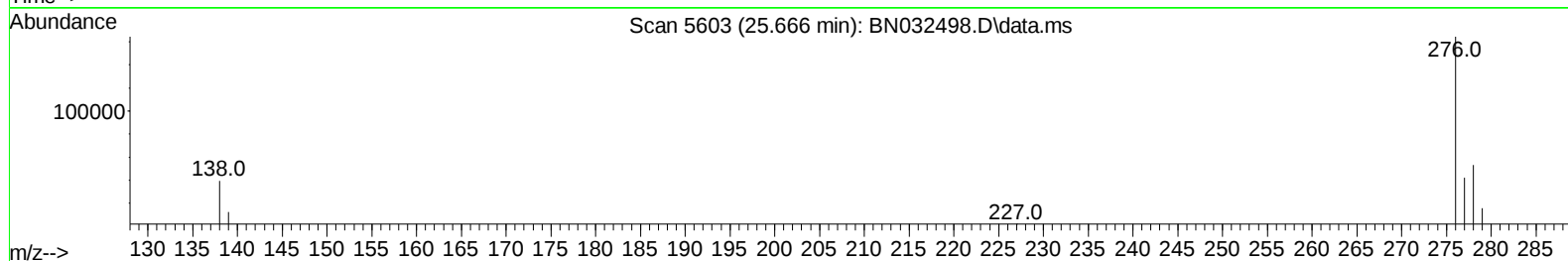
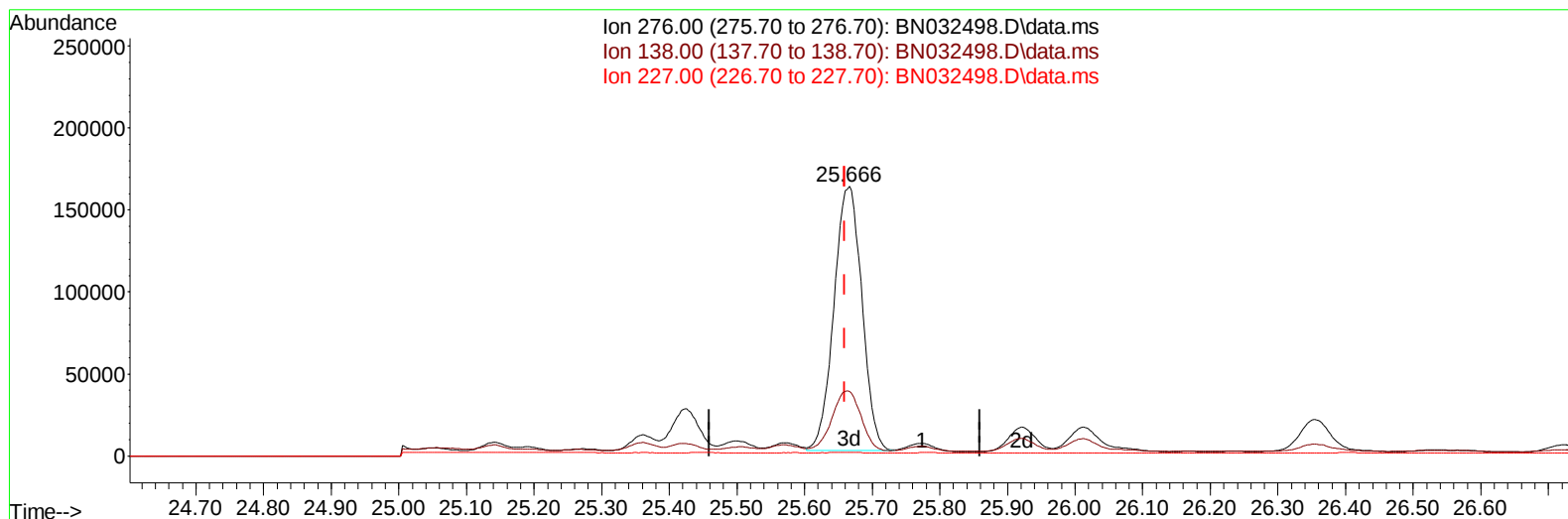
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

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

25.666min (+ 0.007) 4.05 ng/u1 m

response 461118

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	1.92#
227.00	0.10	0.17#
0.00	0.00	0.00

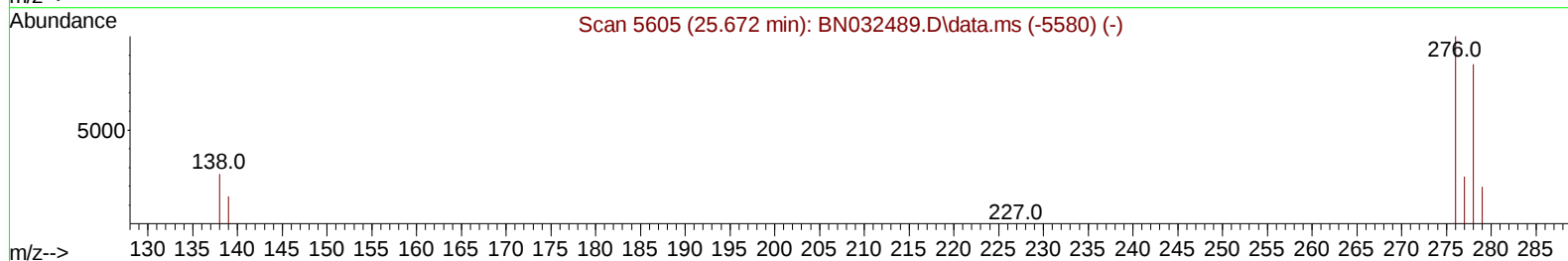
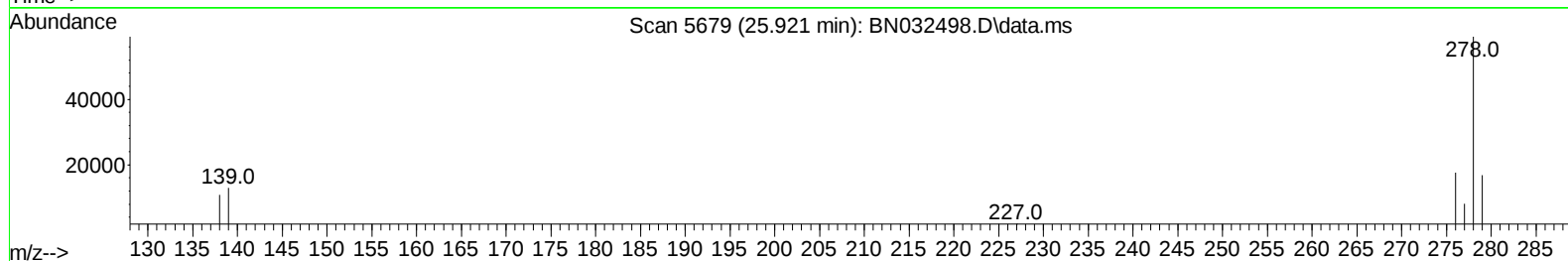
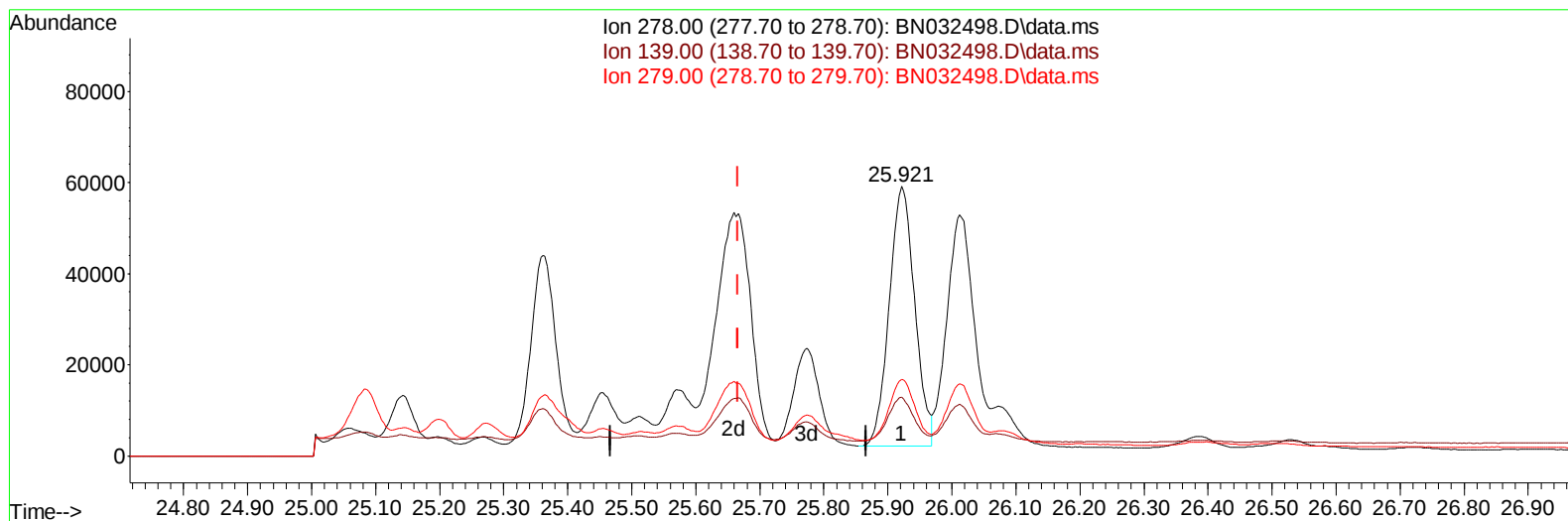
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(28) Dibenzo(a,h)anthracene

25.921min (+ 0.255) 1.87 ng/u1

response 158110

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	21.86
279.00	26.40	28.35
0.00	0.00	0.00

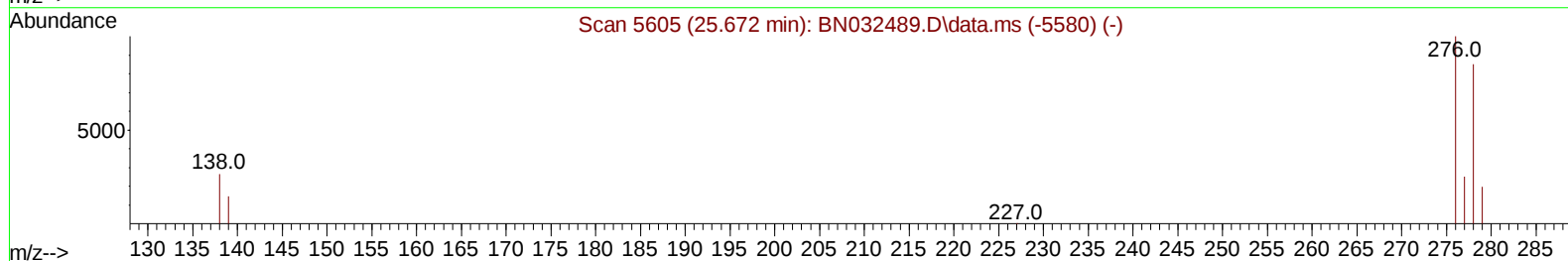
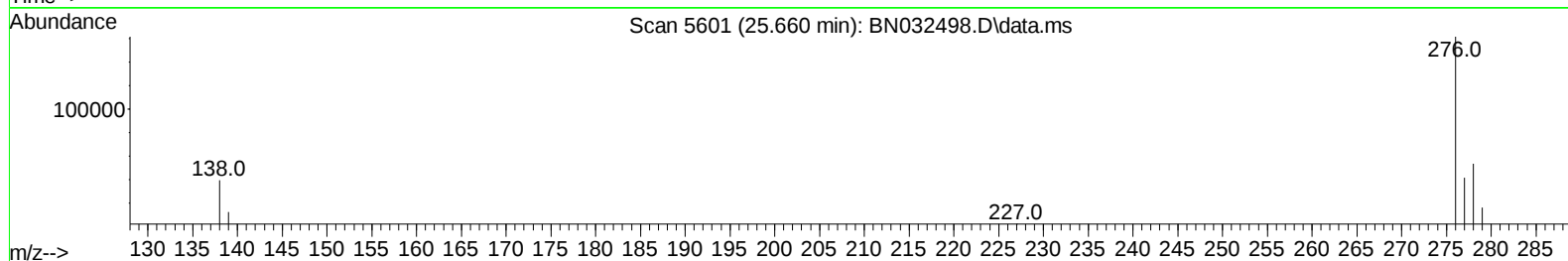
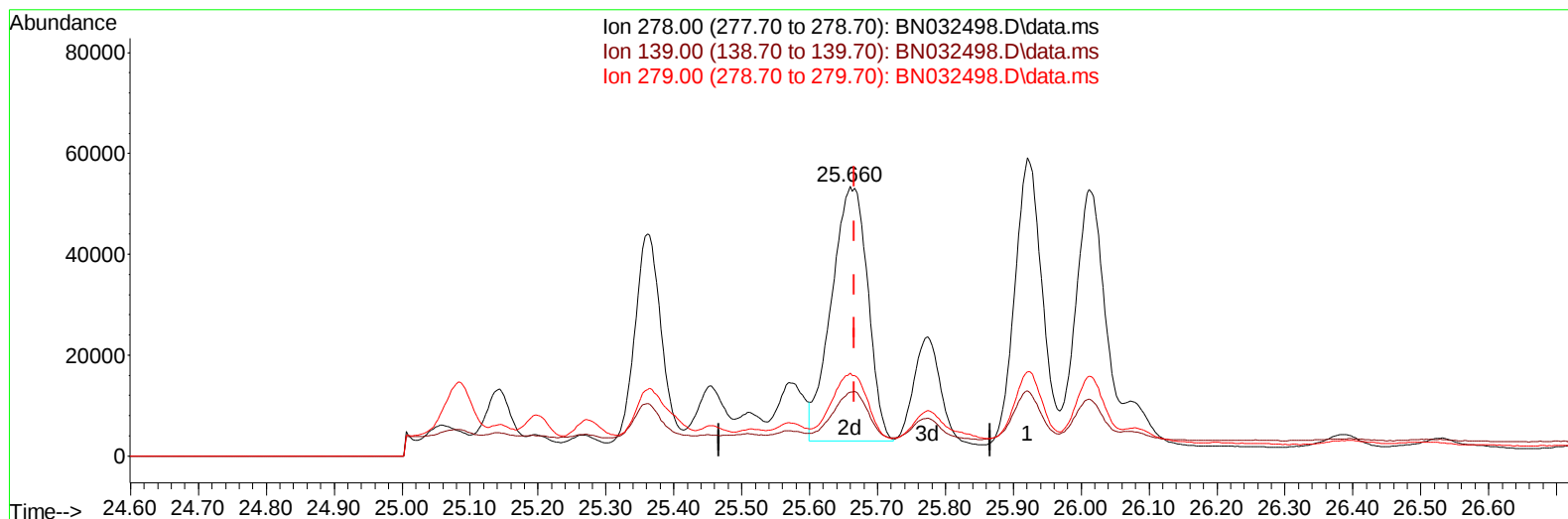
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

(28) Dibenzo(a,h)anthracene

25.660min (-0.007) 2.22 ng/u1 m

response 187351

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	23.65
279.00	26.40	30.78
0.00	0.00	0.00

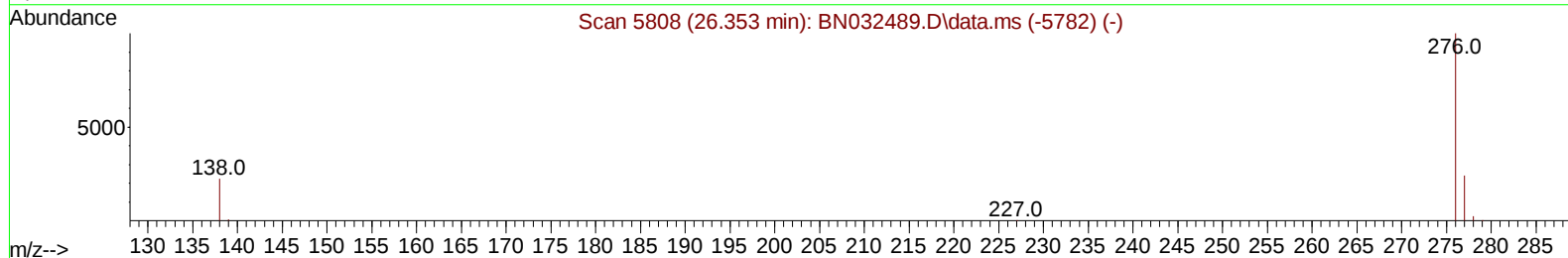
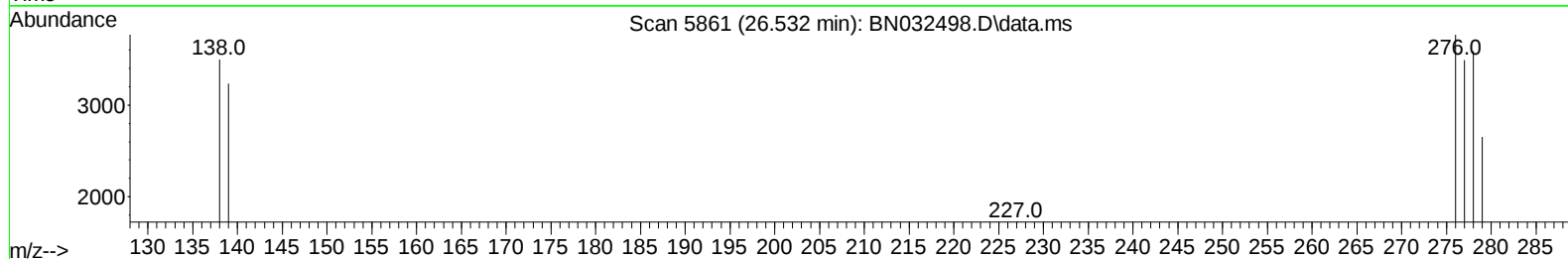
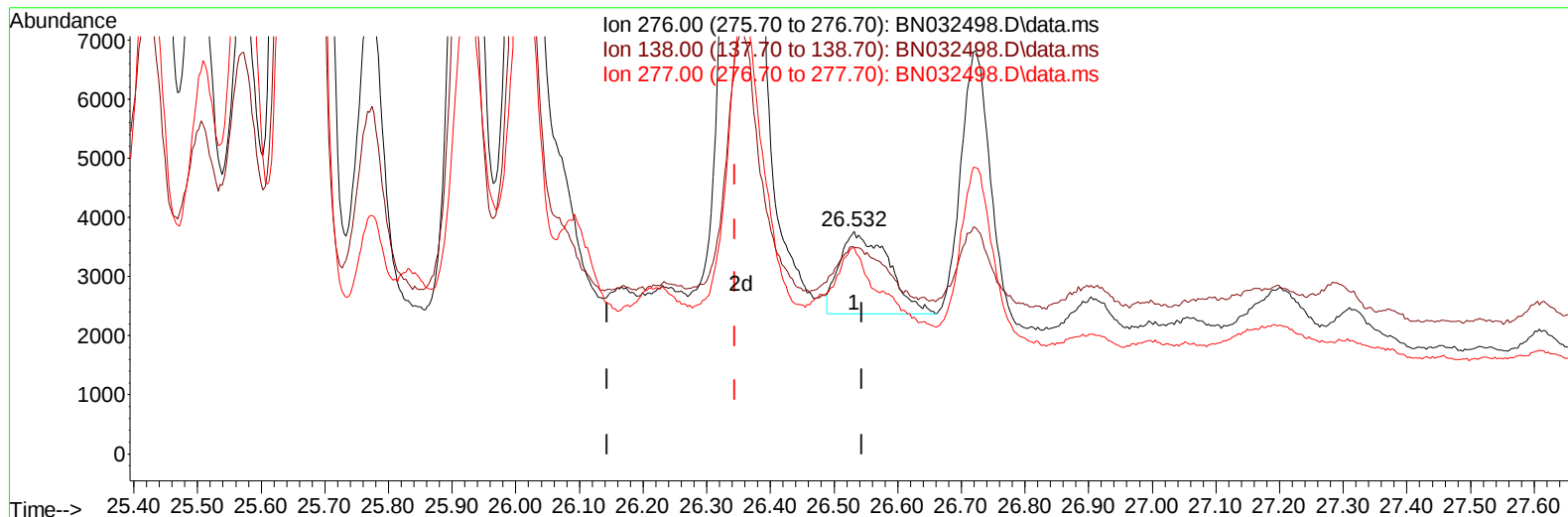
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

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

26.532min (+ 0.188) 0.08 ng/u1

response 7479

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	92.83#
277.00	24.70	92.70#
0.00	0.00	0.00

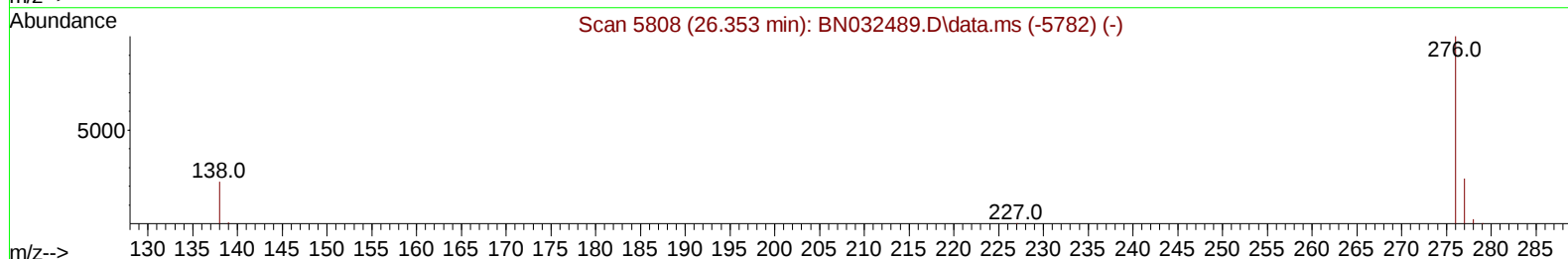
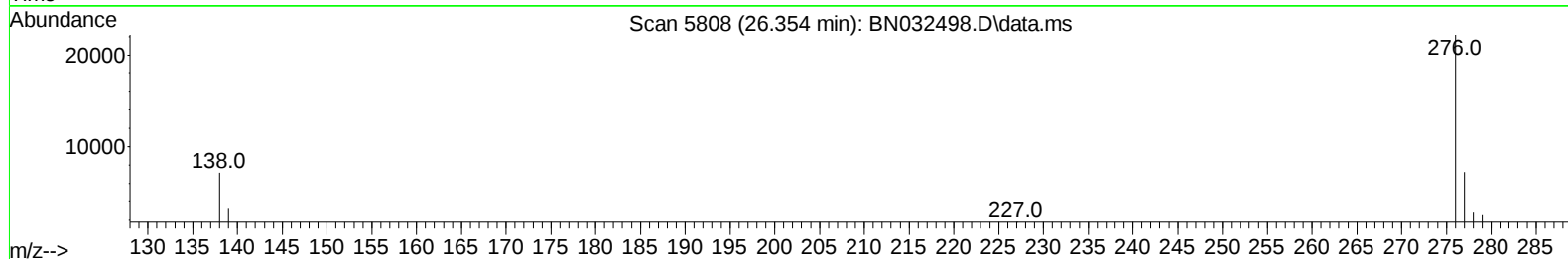
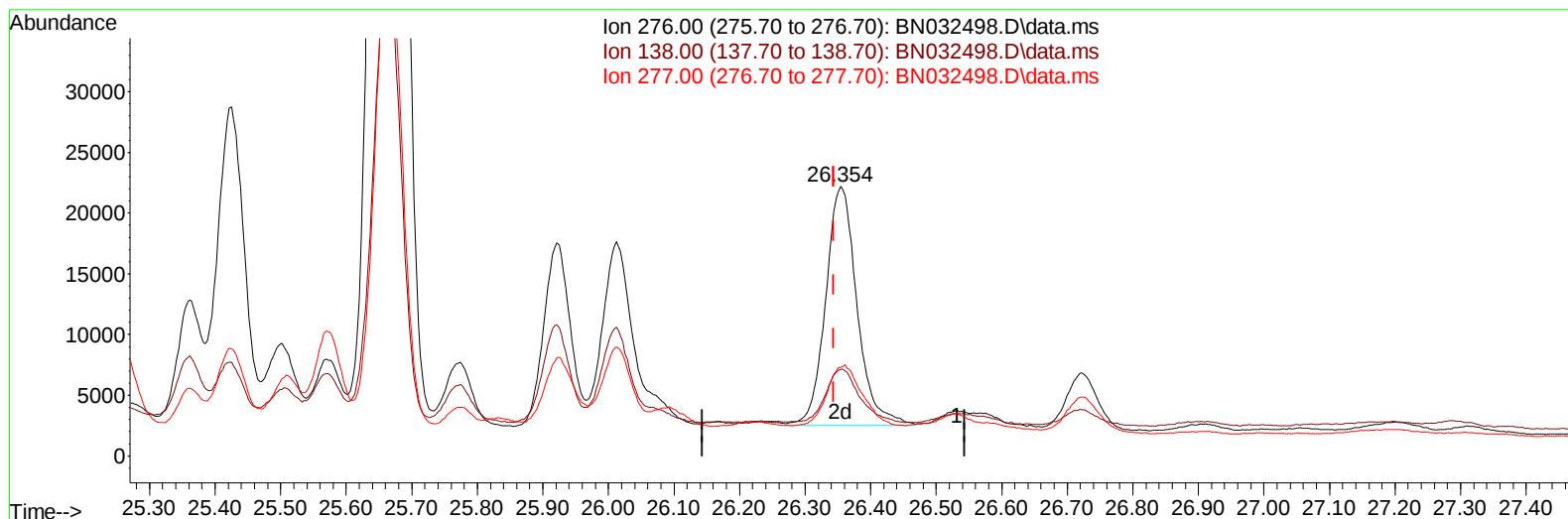
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032498.D
Acq On : 05 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR7

Manual IntegrationsAPPROVED

Quant Time: Jul 05 06:35:07 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: BN032498.D\data.ms

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

26.354min (+ 0.010) 0.72 ng/ul m

response 65425

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	32.29#
277.00	24.70	32.81#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032498.D
 Acq On : 05 Jul 2024 06:10
 Operator : MA/JU
 Sample : P2963-13
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR7

Manual IntegrationsAPPROVED

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

Quant Time: Jul 05 06:35:07 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	6636	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	19038	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	10893	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	19928m	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	15796m	0.400	ng/ul	0.00
23) Perylene-d12	23.427	264	24039m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	30963	4.198	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	7583	0.266	ng/ul	-0.01
18) Fluoranthene-d10	19.041	212	16206m	0.341	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.420	128	99999	1.985	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	60210	1.803	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	58710	1.695	ng/ul	99
10) Acenaphthylene	13.966	152	82189	1.814	ng/ul	97
11) Acenaphthene	14.304	153	129907	3.695	ng/ul	98
12) Fluorene	15.299	166	165652	3.954	ng/ul	99
15) Phenanthrene	17.046	178	2171130m	39.739	ng/ul	
16) Anthracene	17.134	178	462679m	9.494	ng/ul	
19) Fluoranthene	19.073	202	2195150m	36.495	ng/ul	
20) Pyrene	19.440	202	1948910m	31.005	ng/ul	
21) Benzo(a)anthracene	21.191	228	1126035m	19.751	ng/ul	
22) Chrysene	21.244	228	1206082m	19.274	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	1305293m	12.498	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	423124m	4.170	ng/ul	
26) Benzo(a)pyrene	23.330	252	564526m	7.769	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	461118m	4.053	ng/ul	
28) Dibenzo(a,h)anthracene	25.660	278	187351m	2.216	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	65425m	0.722	ng/ul	

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

