

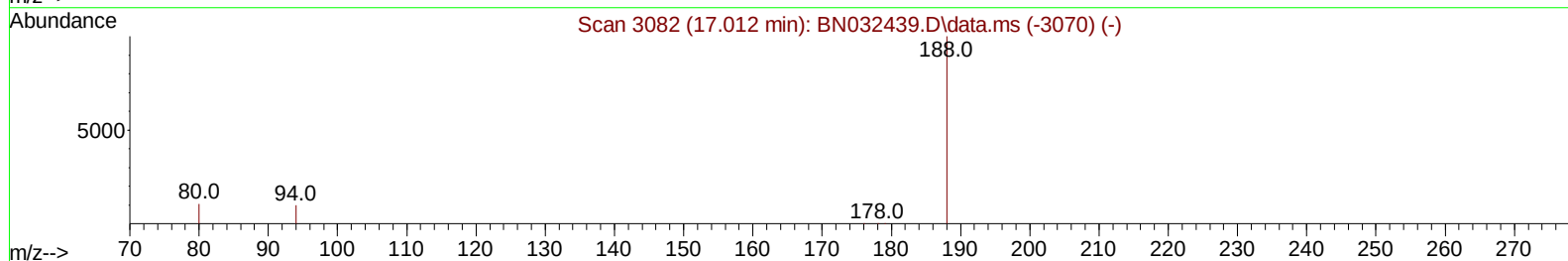
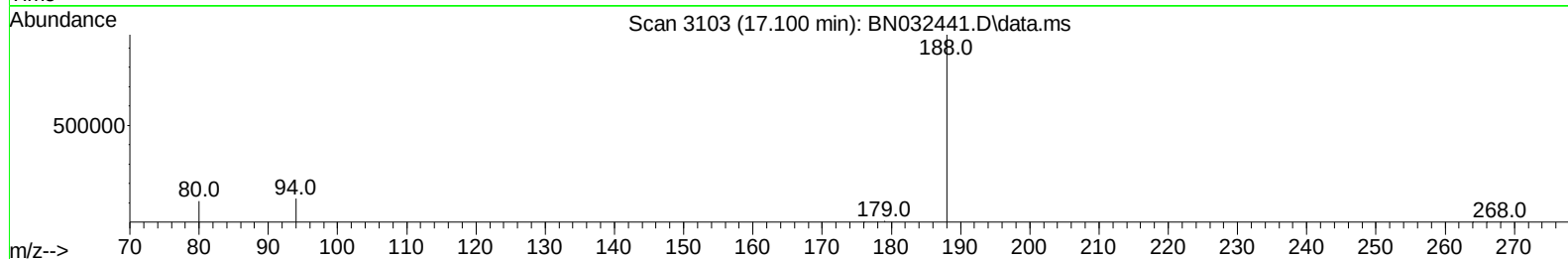
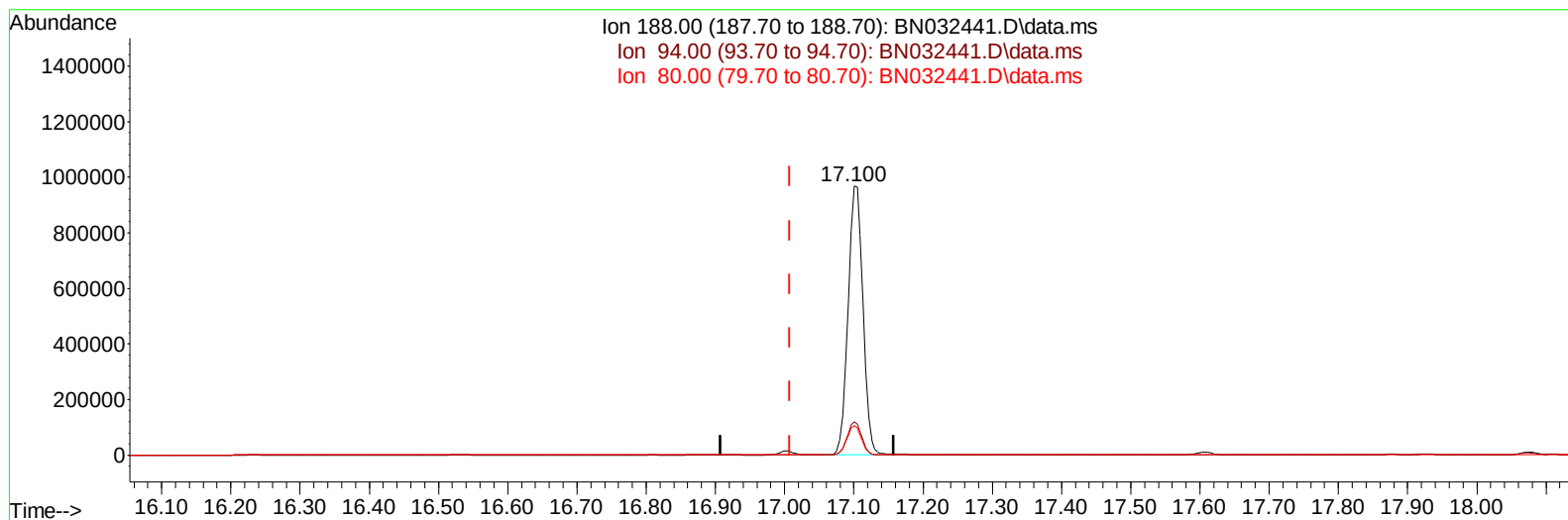
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(13) Phenanthrene-d10 (I)

17.100min (+ 0.093) 0.40 ng/u1

response 1440068

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.50#
80.00	10.50	11.06
0.00	0.00	0.00

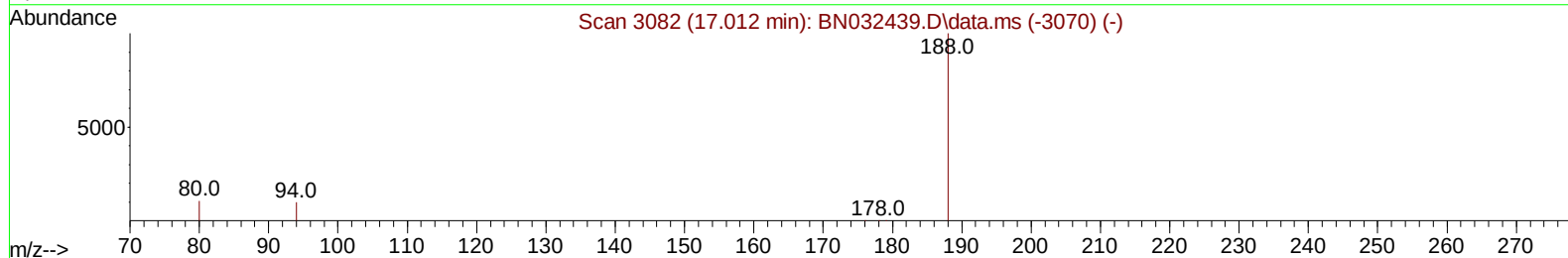
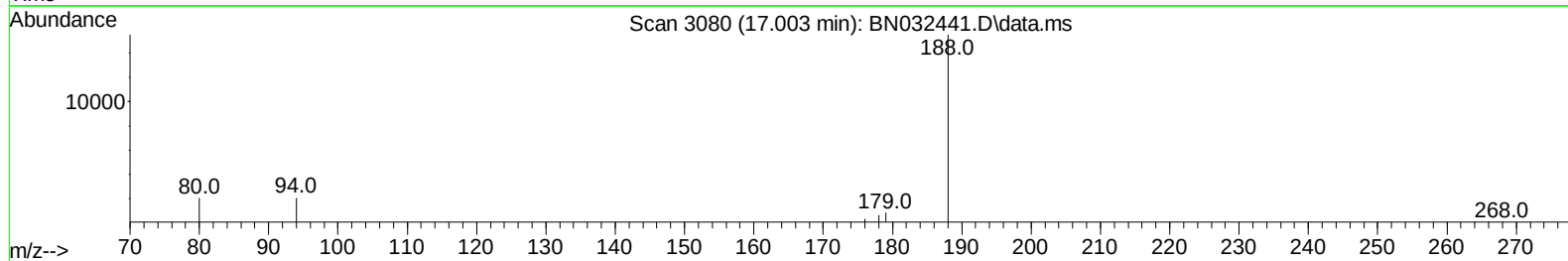
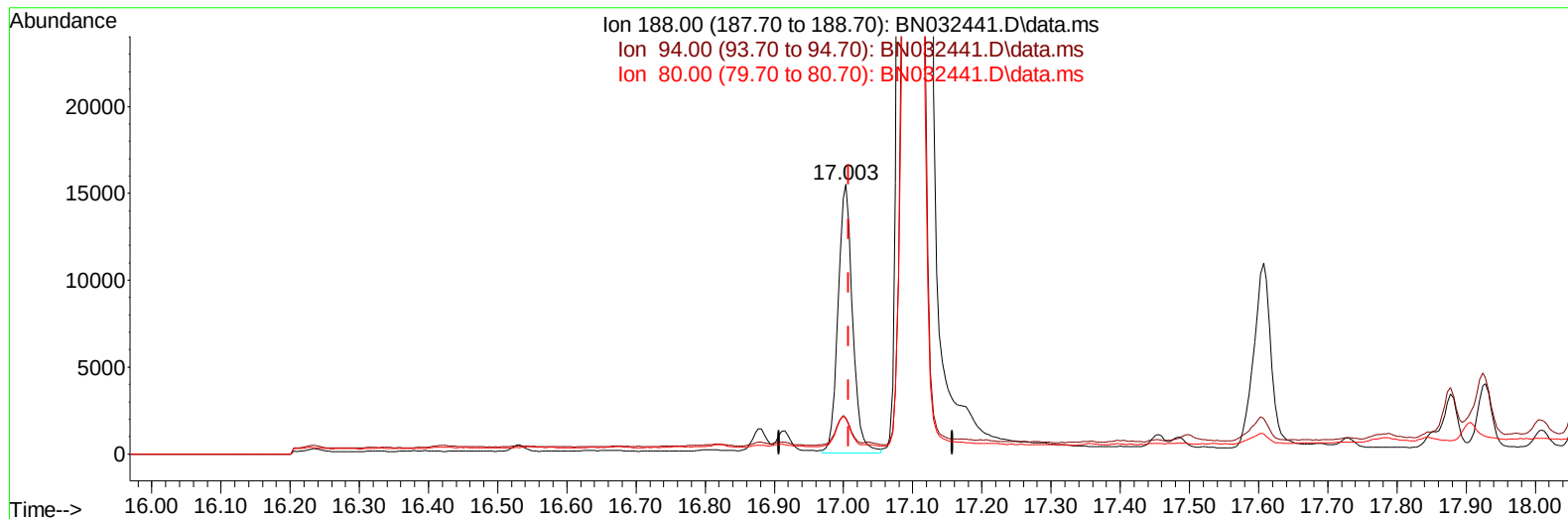
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(13) Phenanthrene-d10 (I)

17.003min (-0.004) 0.40 ng/ul m

response 22501

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	13.33#
80.00	10.50	13.17#
0.00	0.00	0.00

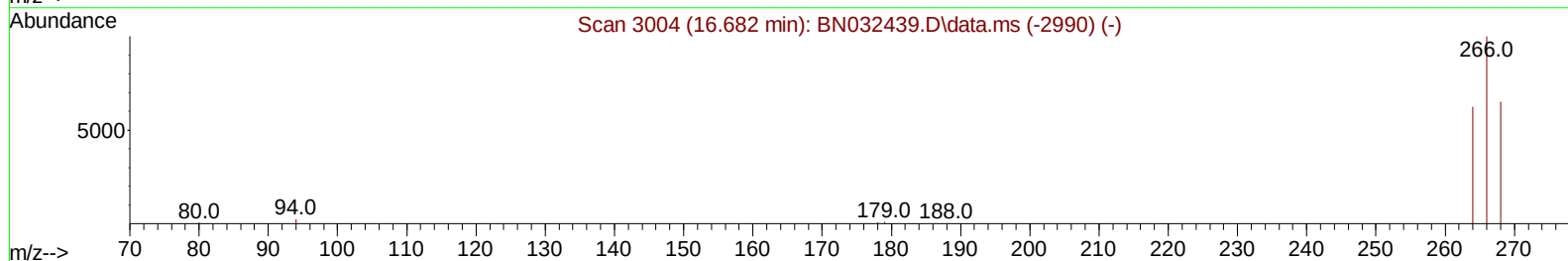
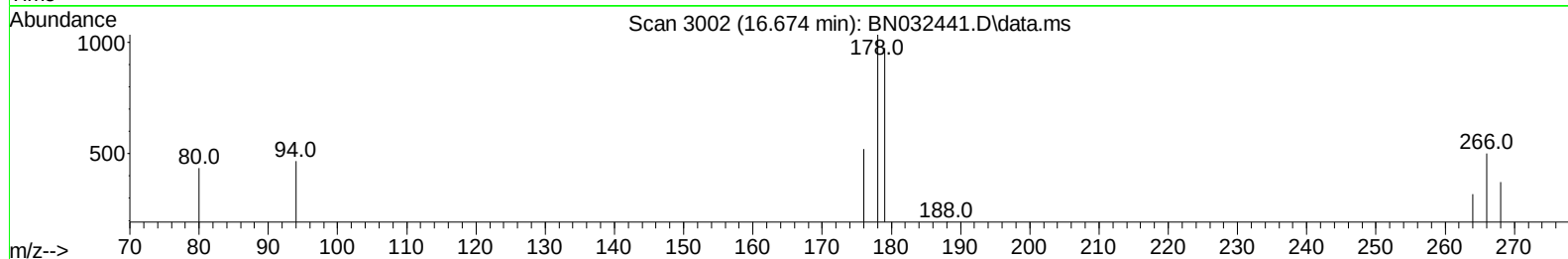
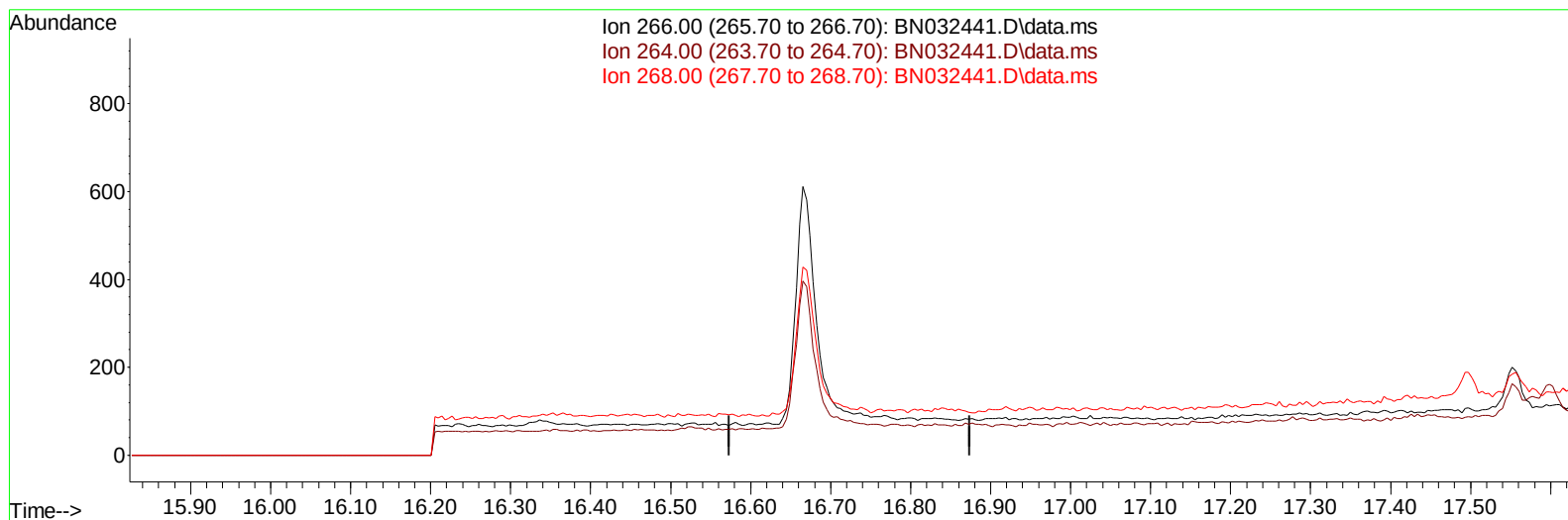
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032441.D\data.ms

(14) Pentachlorophenol

16.674min (-16.674) 0.00 ng/ul

response 0

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

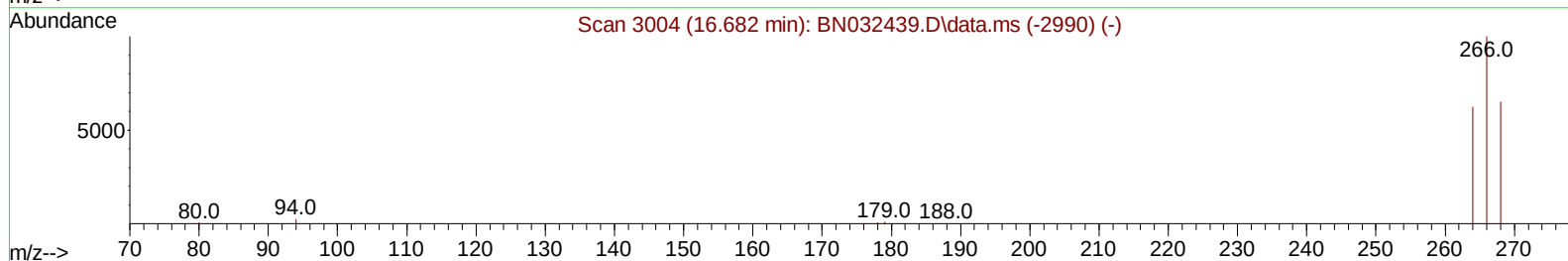
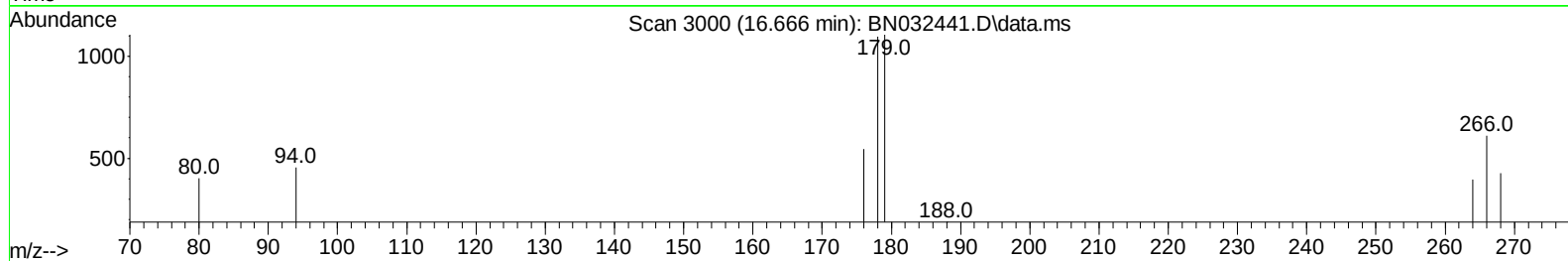
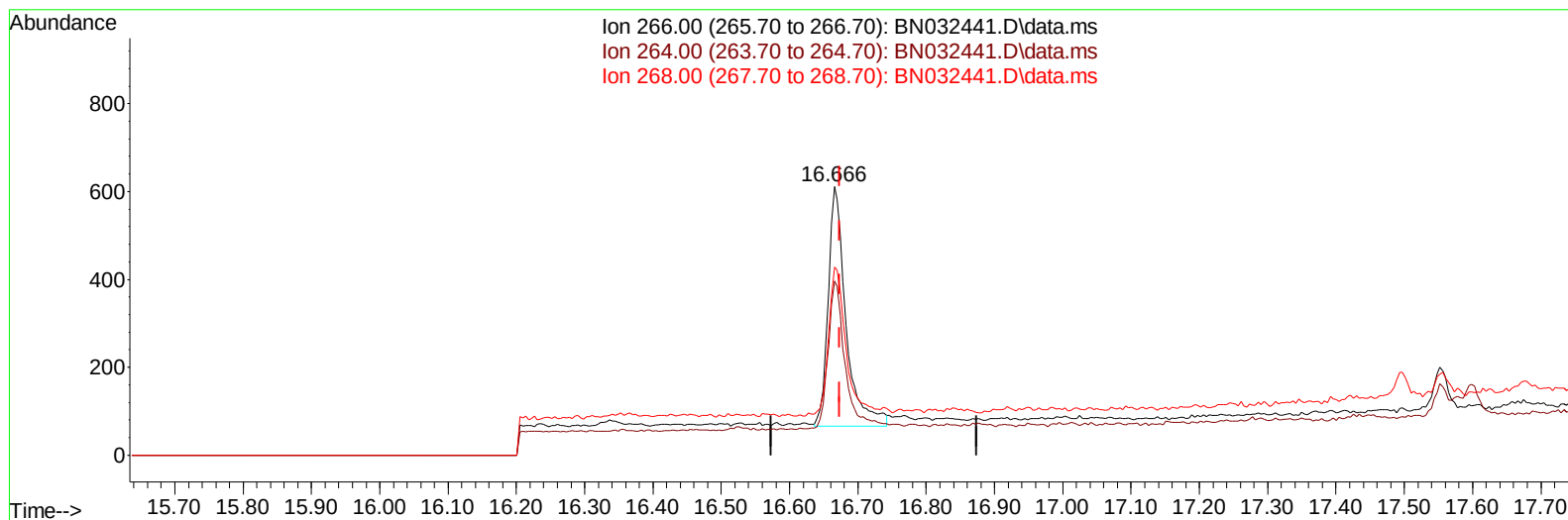
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 2024
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TIC: BN032441.D\data.ms

(14) Pentachlorophenol

16.666min (-0.008) 0.20 ng/ul m

response 994

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

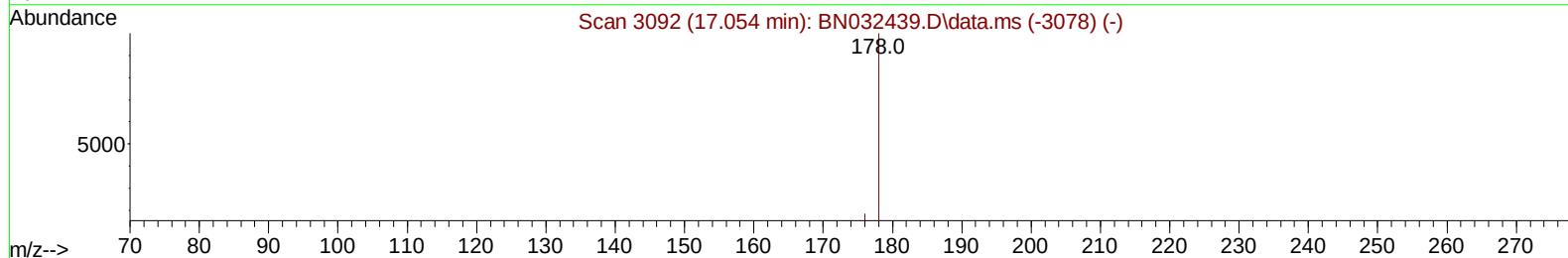
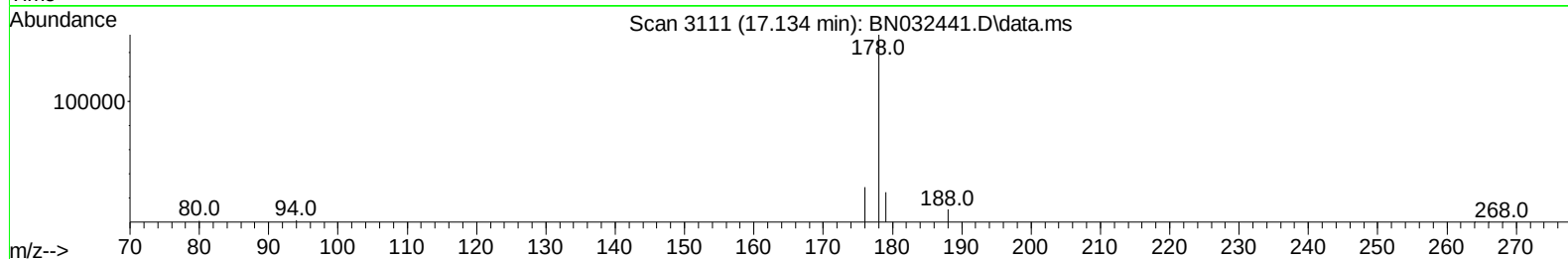
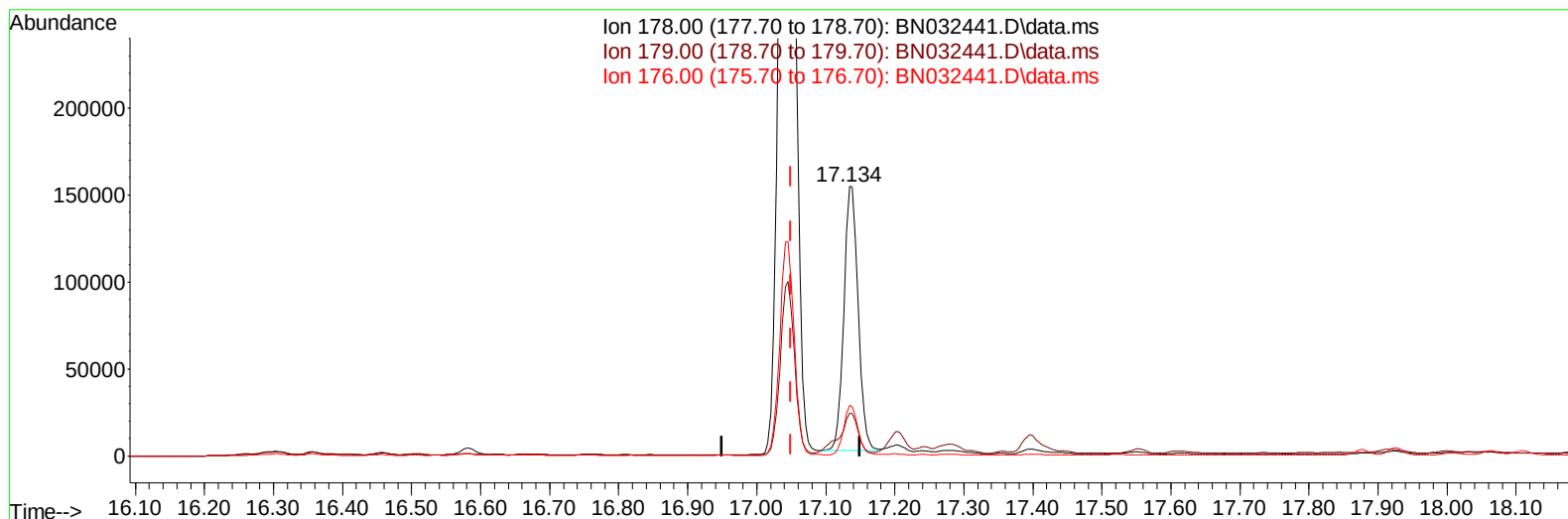
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 2024
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TIC: BN032441.D\data.ms

(15) Phenanthrene

17.134min (+ 0.085) 3.52 ng/u1

response 217210

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.99
176.00	19.50	18.81
0.00	0.00	0.00

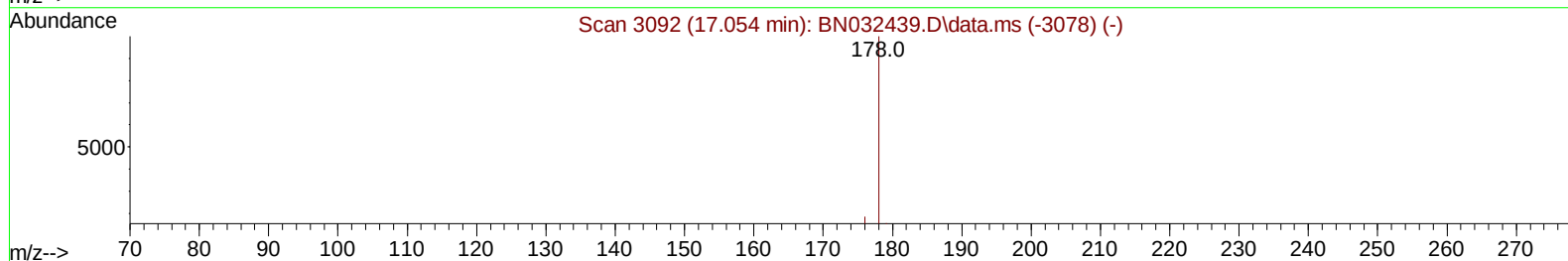
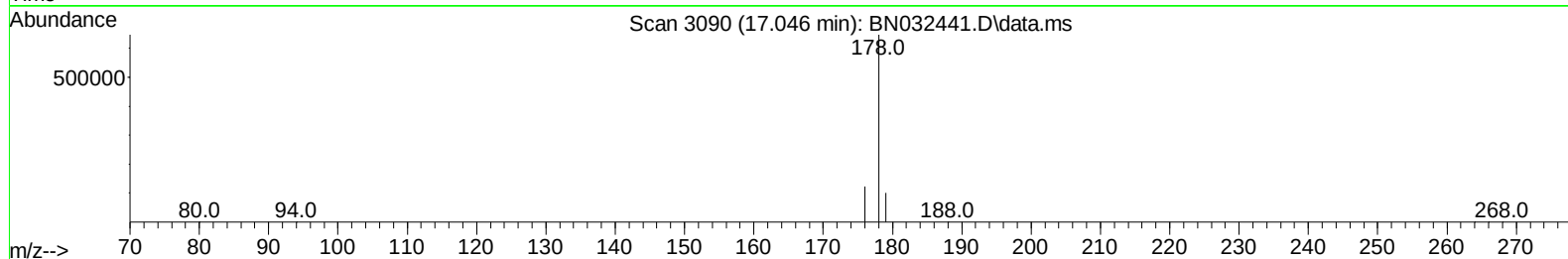
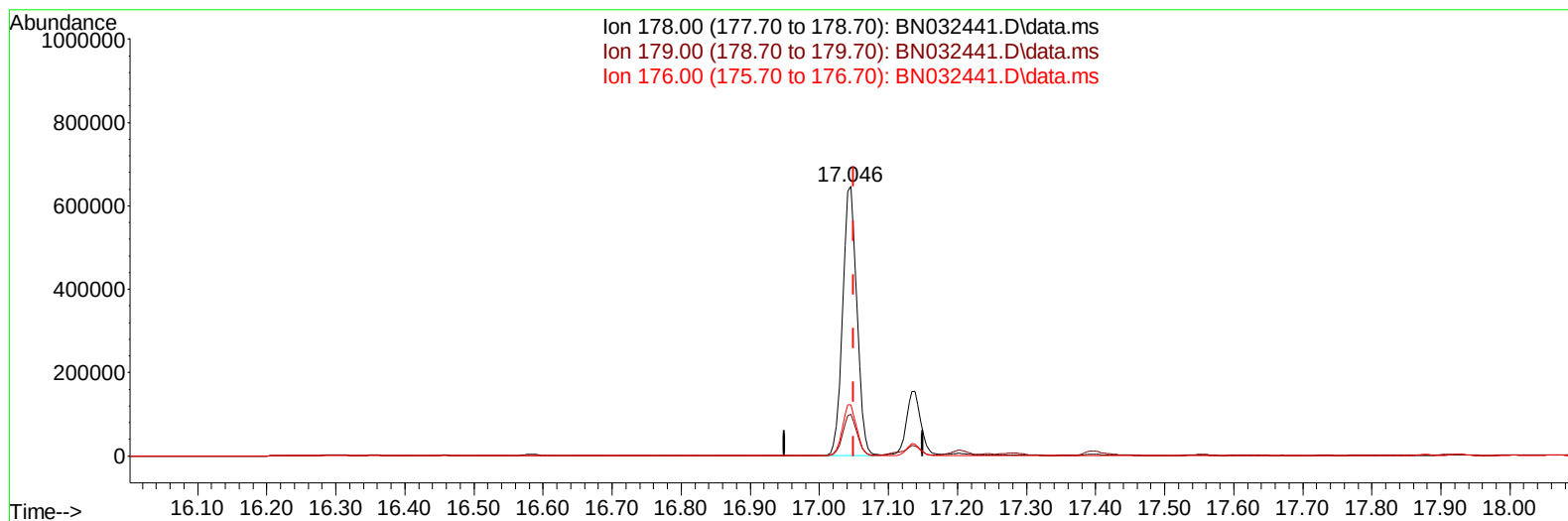
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(15) Phenanthrene

17.046min (-0.004) 15.12 ng/ul m

response 932919

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.52
176.00	19.50	19.05
0.00	0.00	0.00

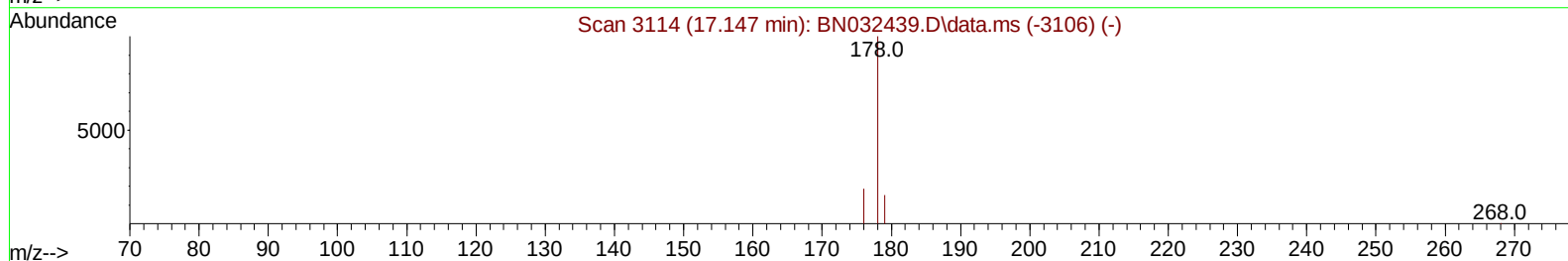
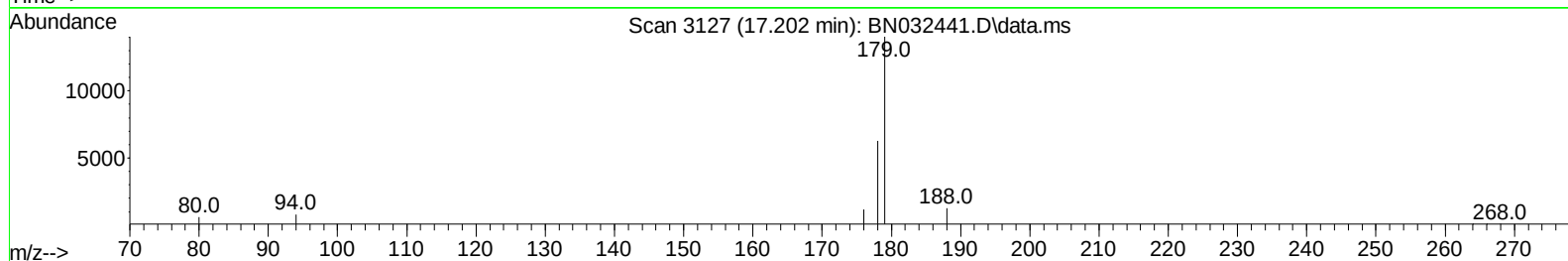
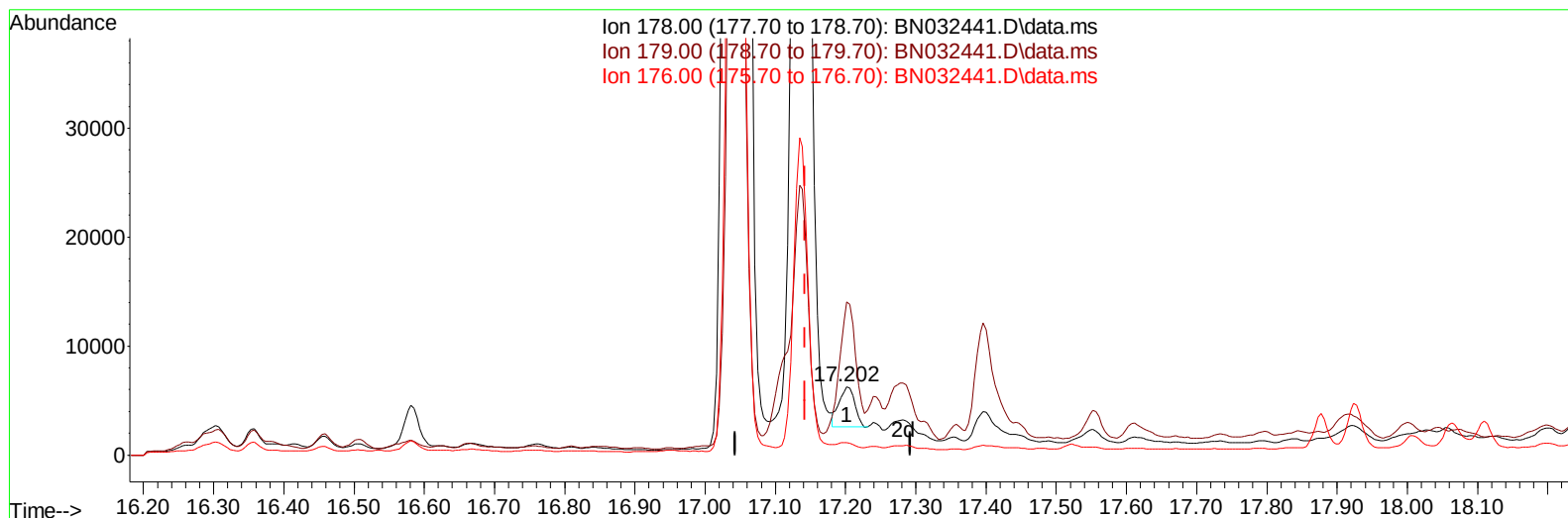
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

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



TIC: BN032441.D\data.ms

(16) Anthracene

17.202min (+ 0.059) 0.10 ng/u1

response 5579

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	223.29#
176.00	18.80	18.30
0.00	0.00	0.00

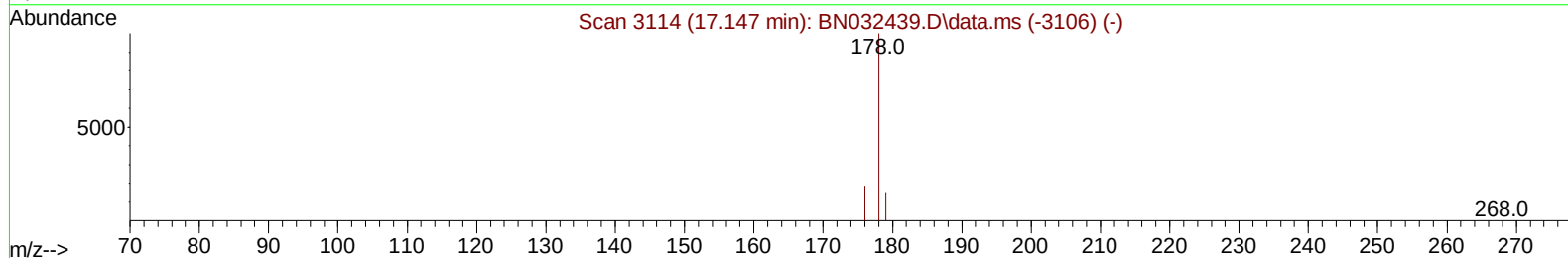
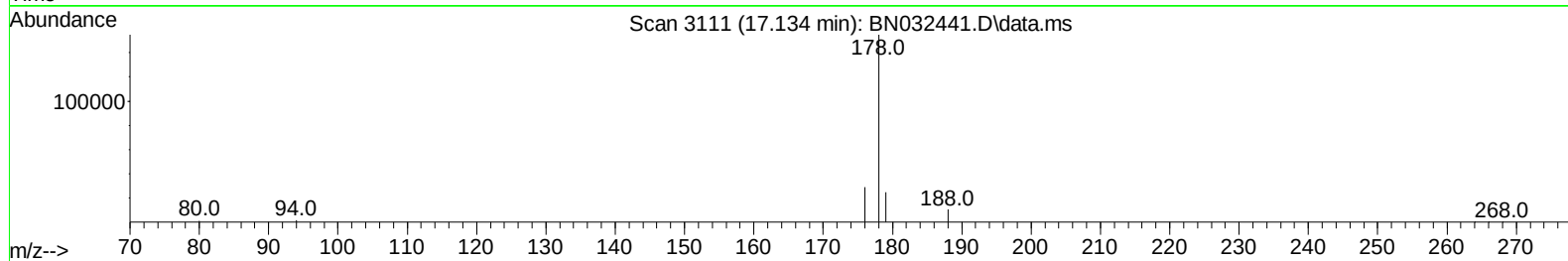
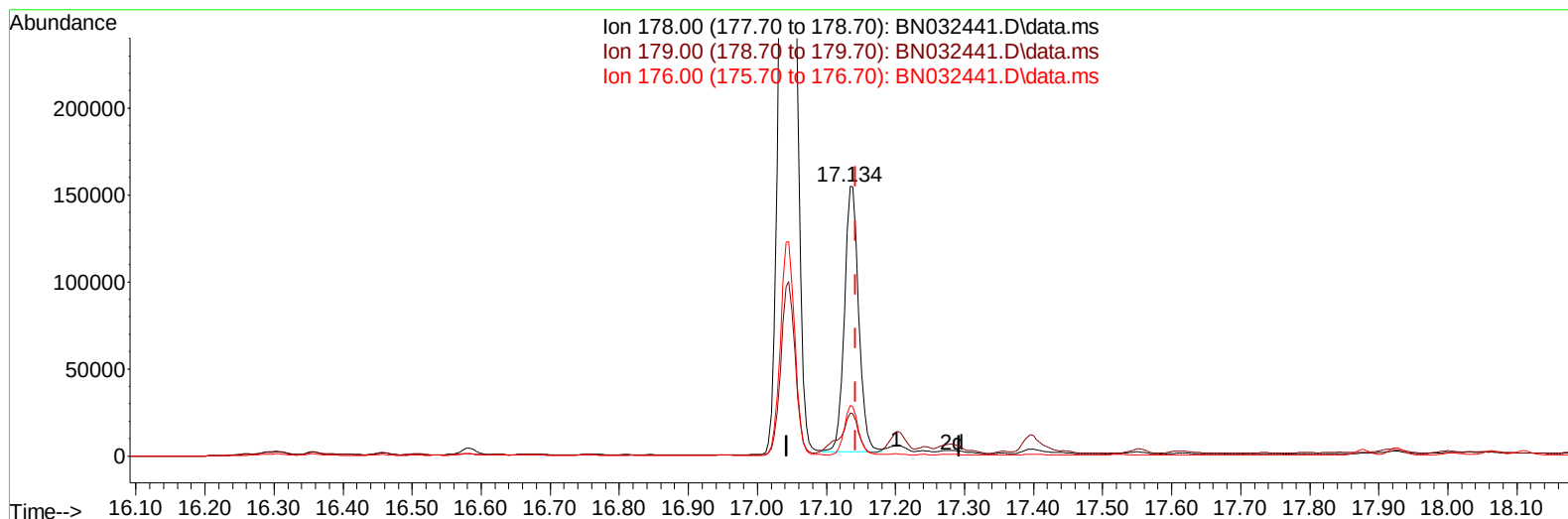
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(16) Anthracene

17.134min (-0.008) 4.00 ng/ul m

response 220311

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.99
176.00	18.80	18.81
0.00	0.00	0.00

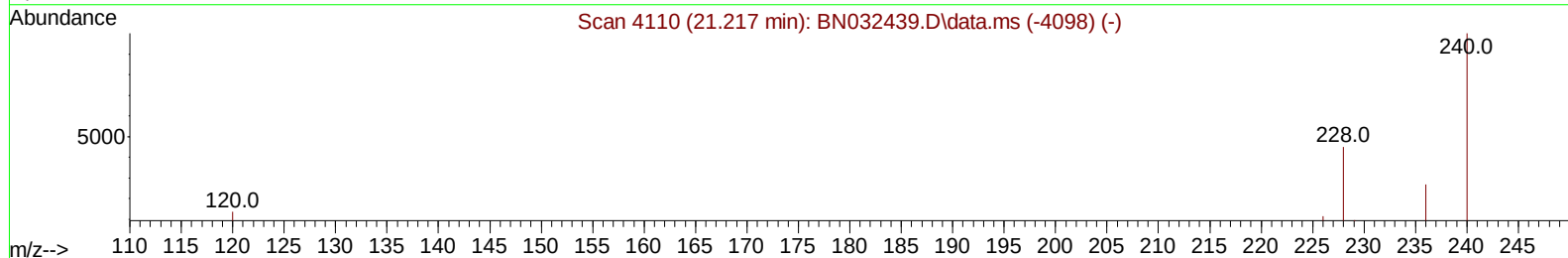
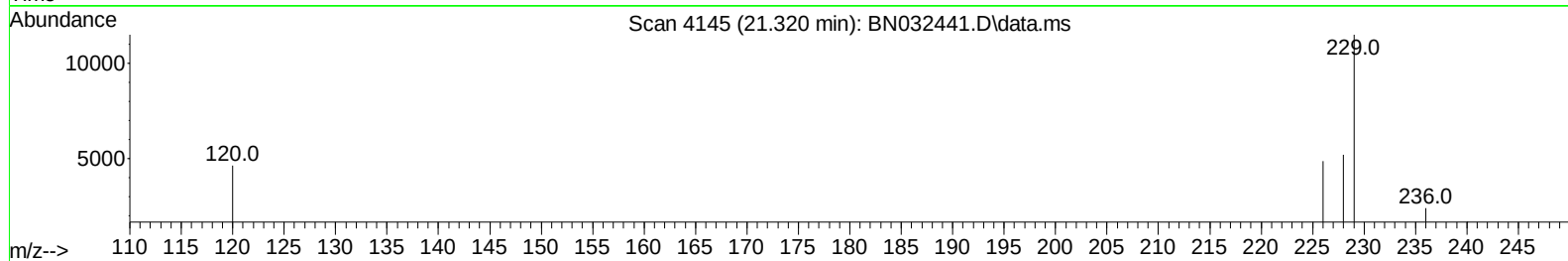
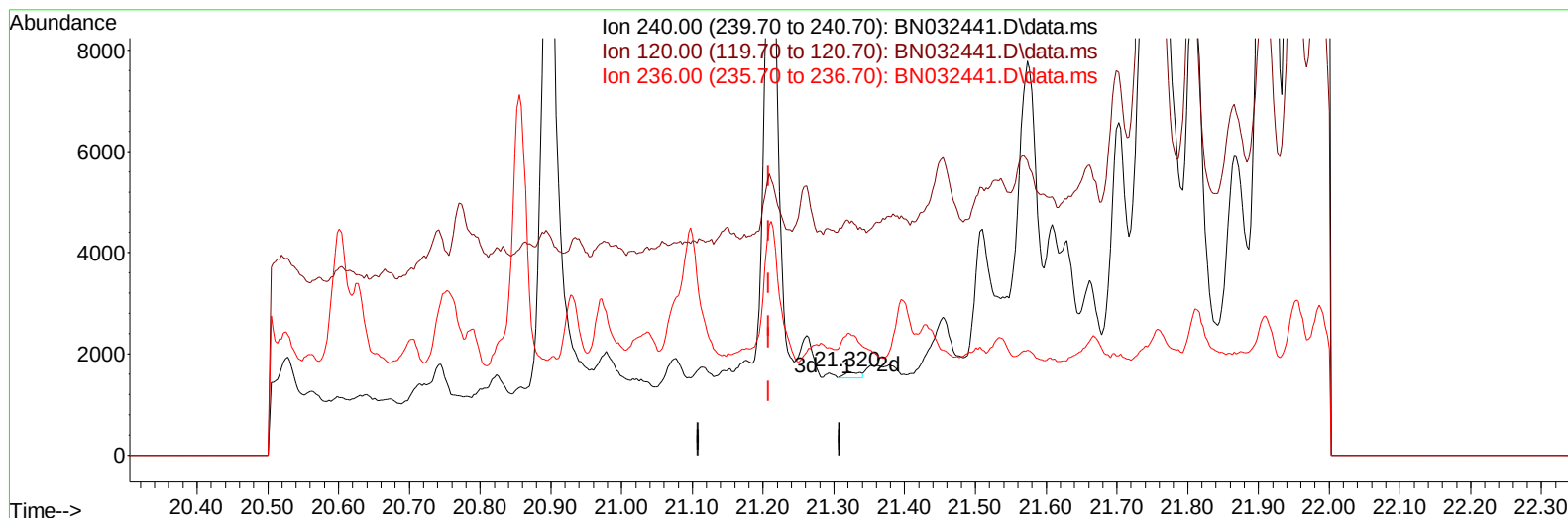
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

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TIC: BN032441.D\data.ms

(17) Chrysene-d12

21.320min (+ 0.111) 0.40 ng/u1

response 185

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	280.02#
236.00	28.40	145.26#
0.00	0.00	0.00

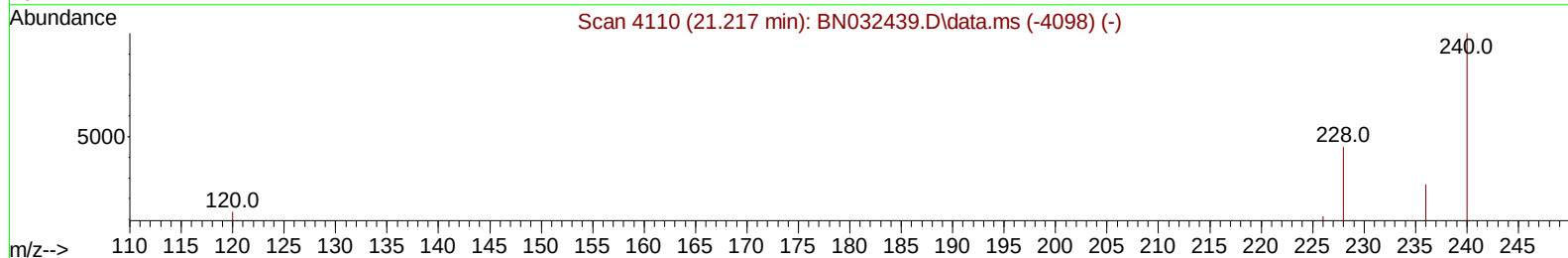
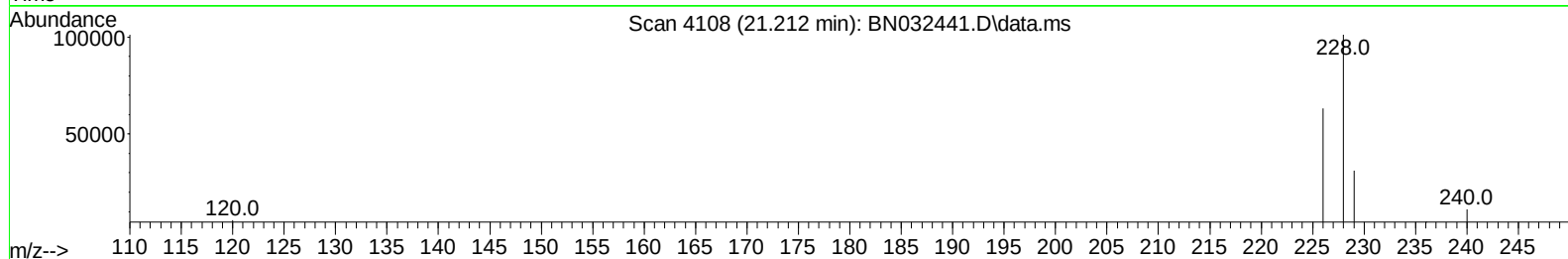
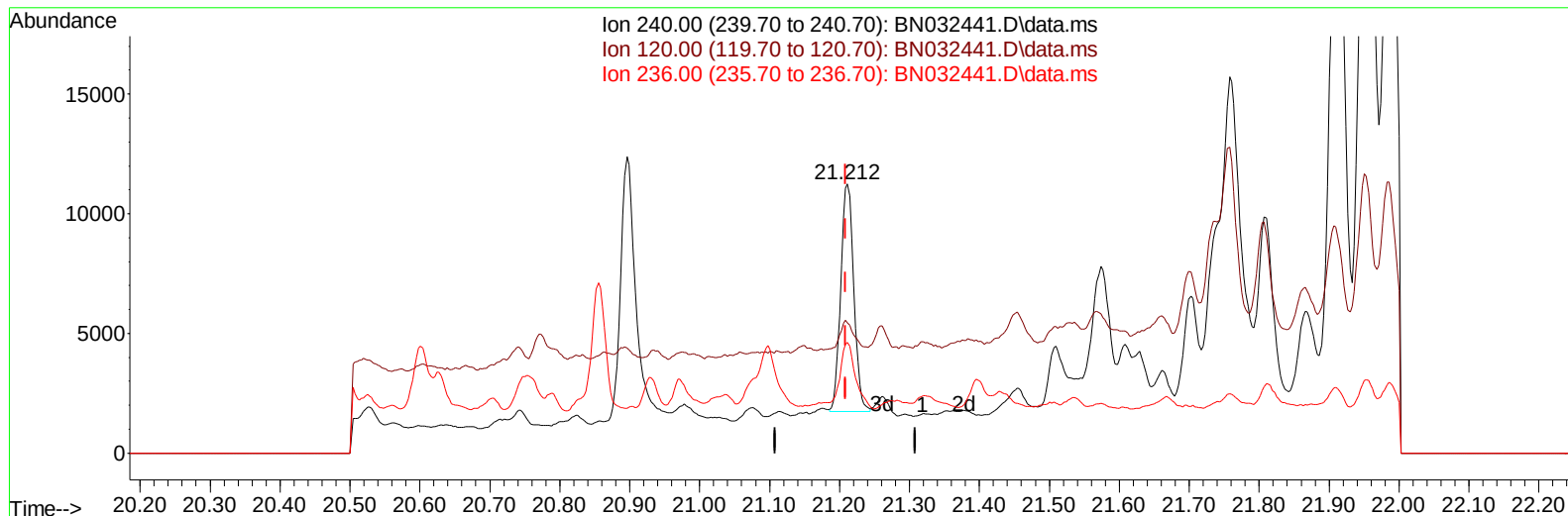
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(17) Chrysene-d12

21.212min (+ 0.003) 0.40 ng/ul m

response 12338

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	48.50#
236.00	28.40	41.05#
0.00	0.00	0.00

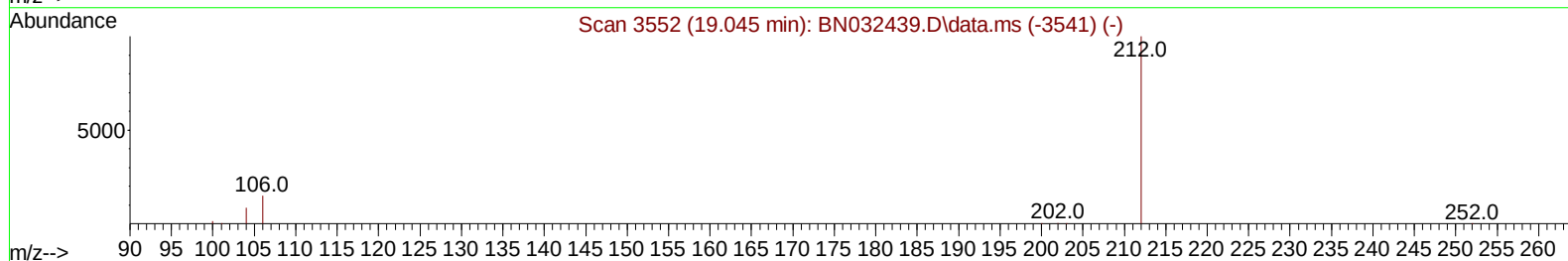
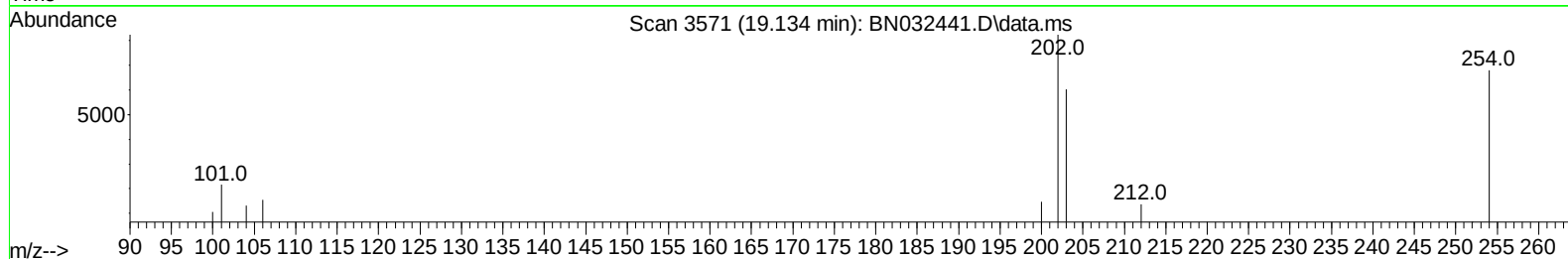
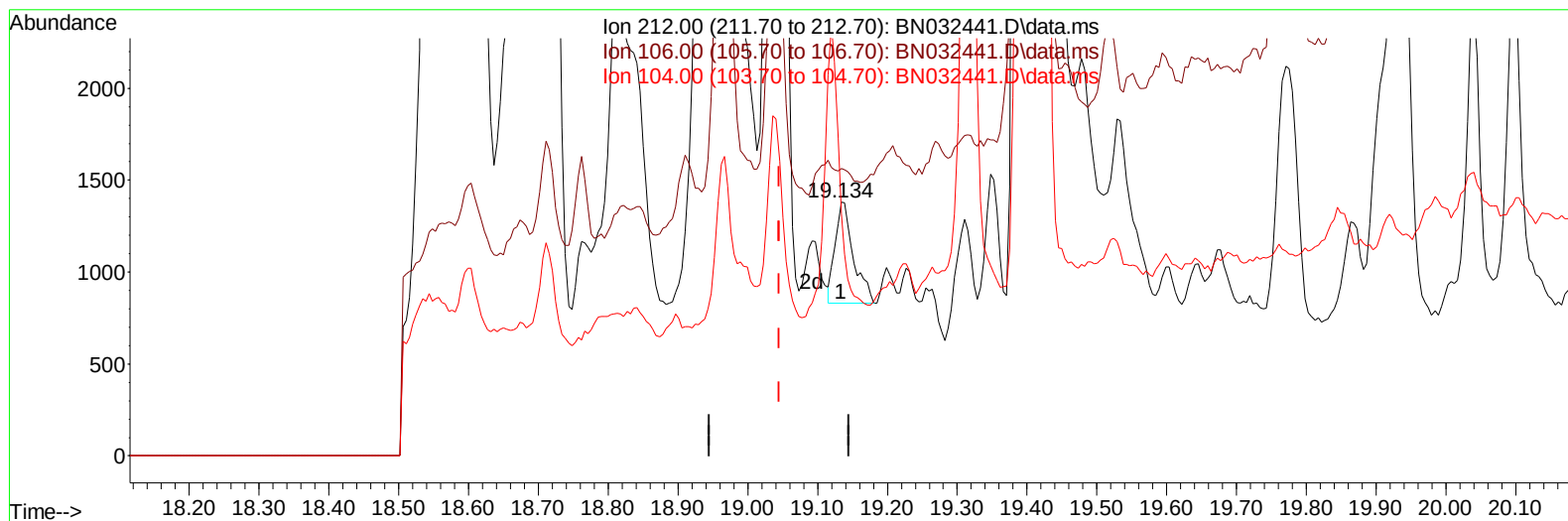
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

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TIC: BN032441.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.134min (+ 0.088) 0.03 ng/u1

response 1003

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	54.24#
104.00	8.40	242.37#
0.00	0.00	0.00

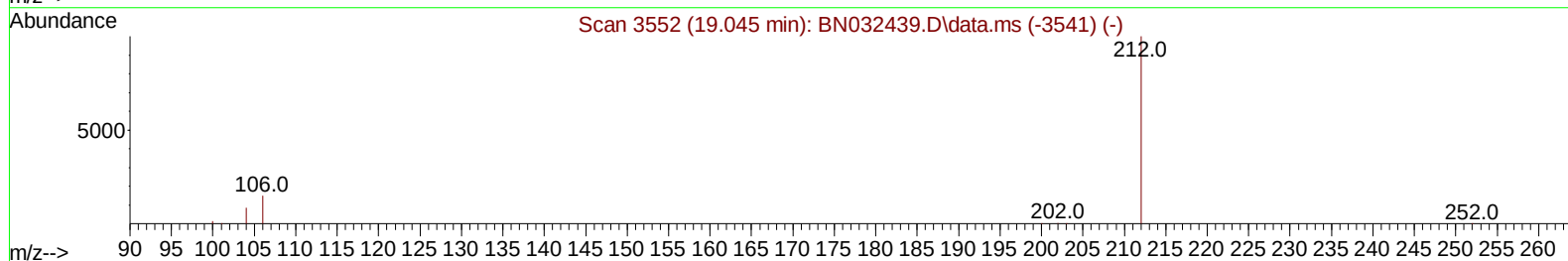
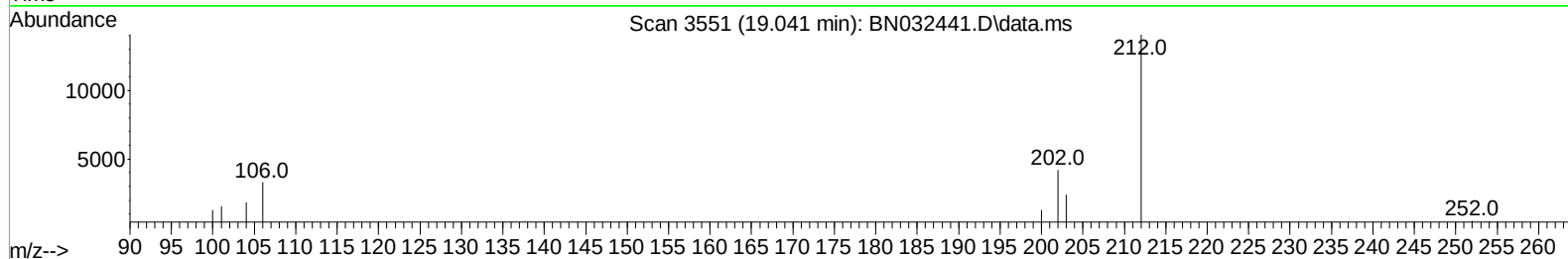
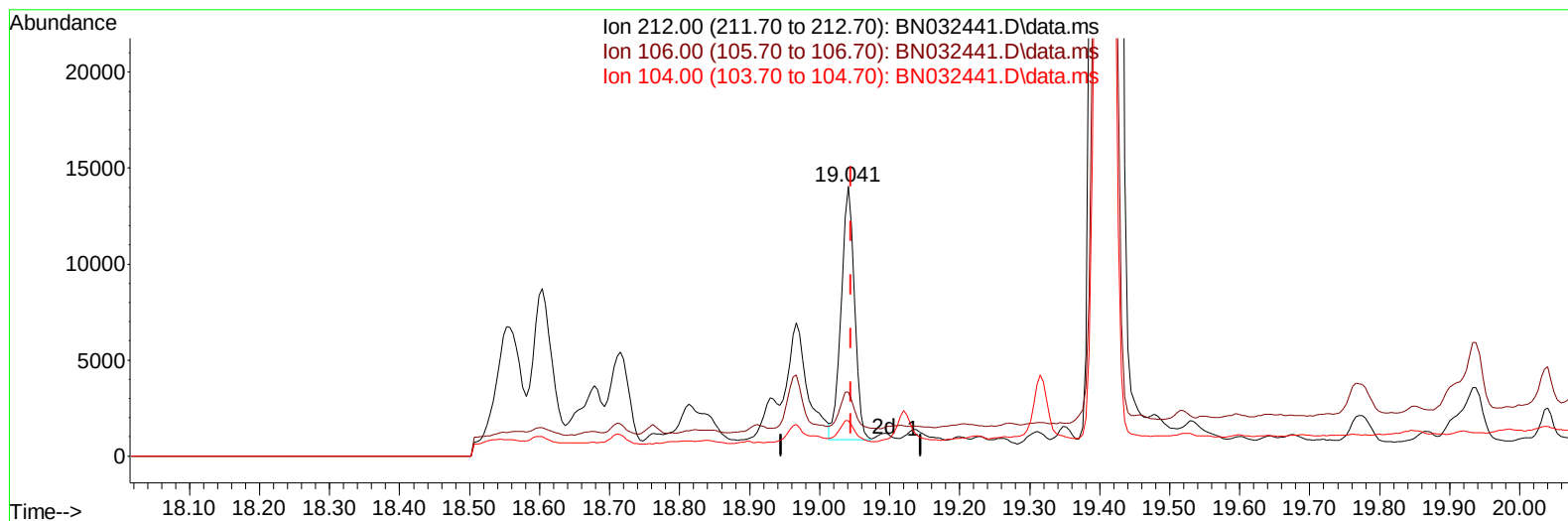
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 2024
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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: BN032441.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.005) 0.47 ng/ul m

response 17478

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	3.11#
104.00	8.40	13.91#
0.00	0.00	0.00

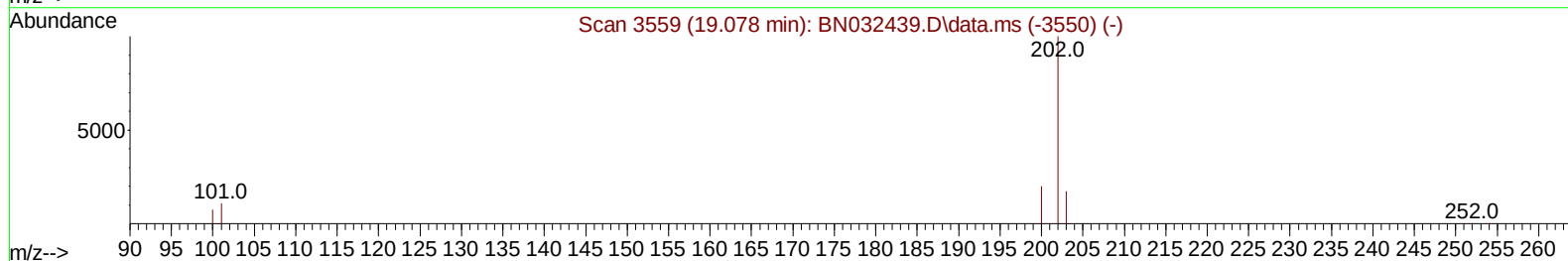
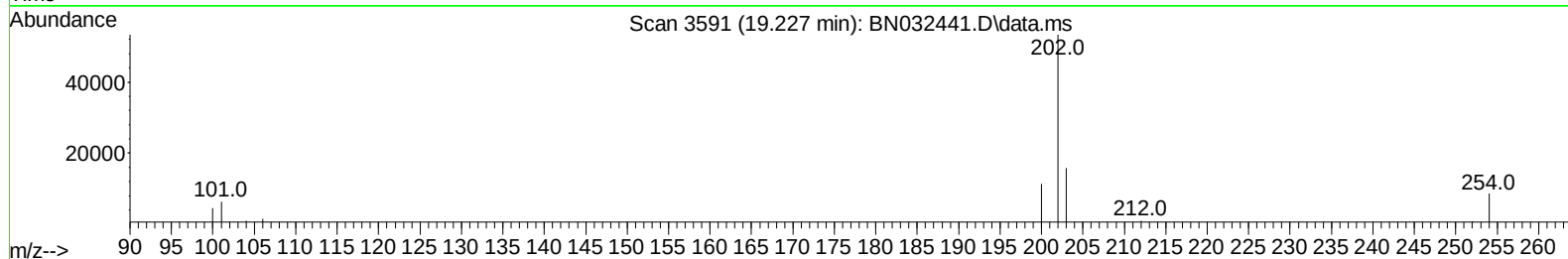
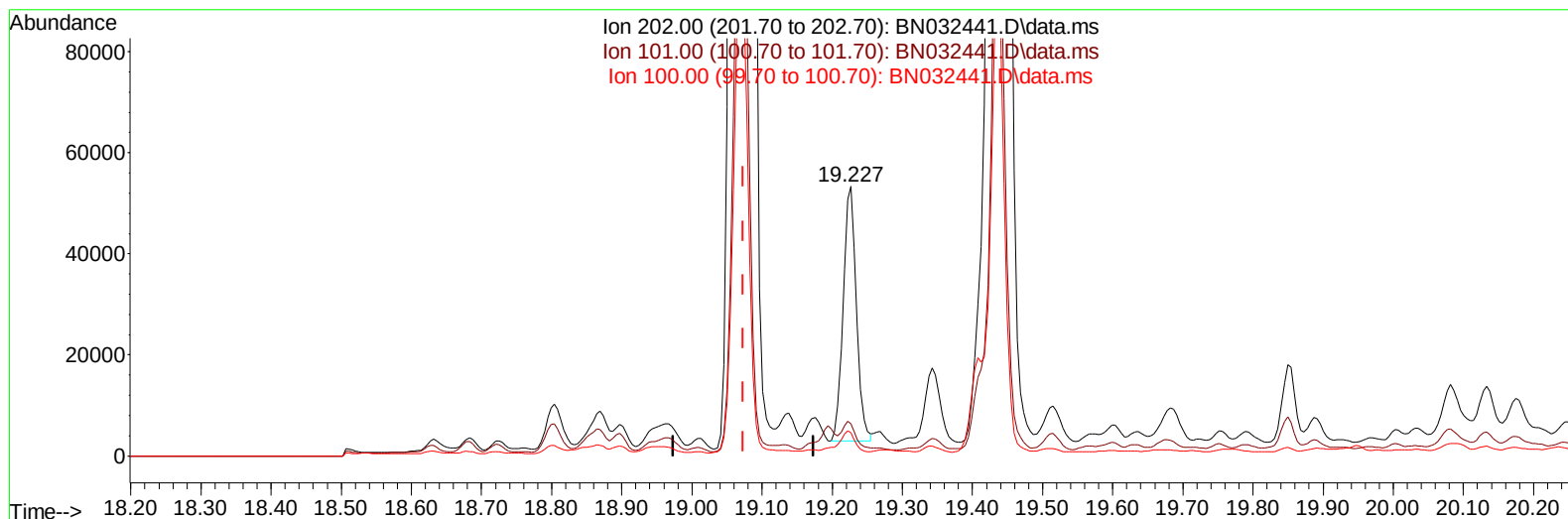
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032441.D\data.ms

(19) Fluoranthene (C)

19.227min (+ 0.153) 1.41 ng/uI

response 66169

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.99
100.00	8.00	8.52
0.00	0.00	0.00

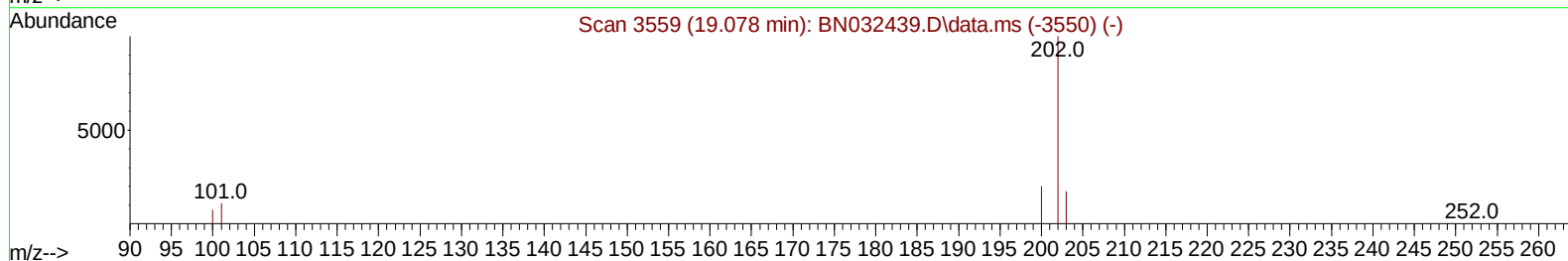
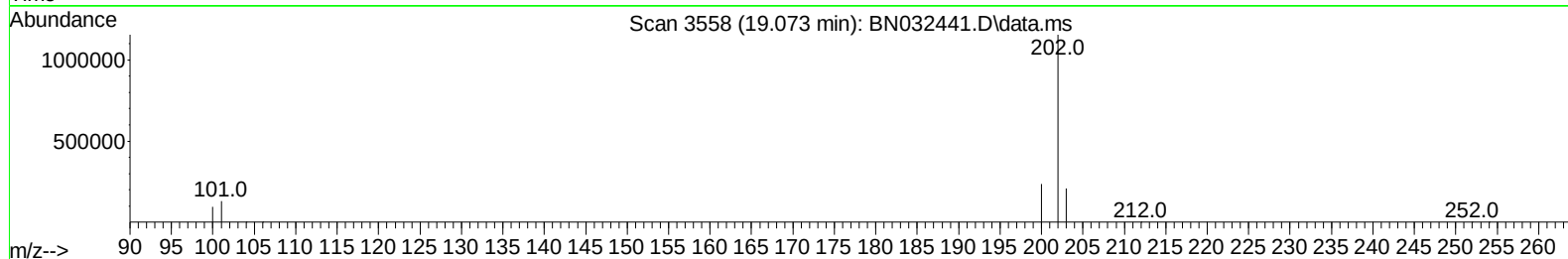
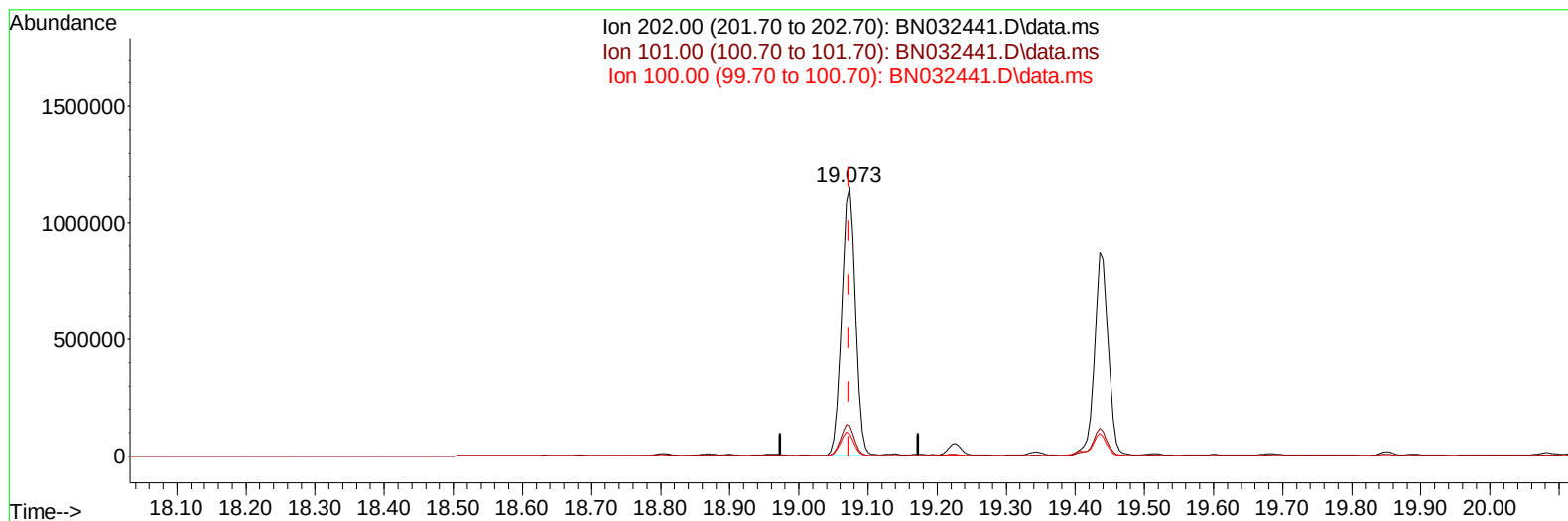
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(19) Fluoranthene (C)

19.073min (+ 0.000) 34.12 ng/ul m

response 1603194

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.18
100.00	8.00	8.23
0.00	0.00	0.00

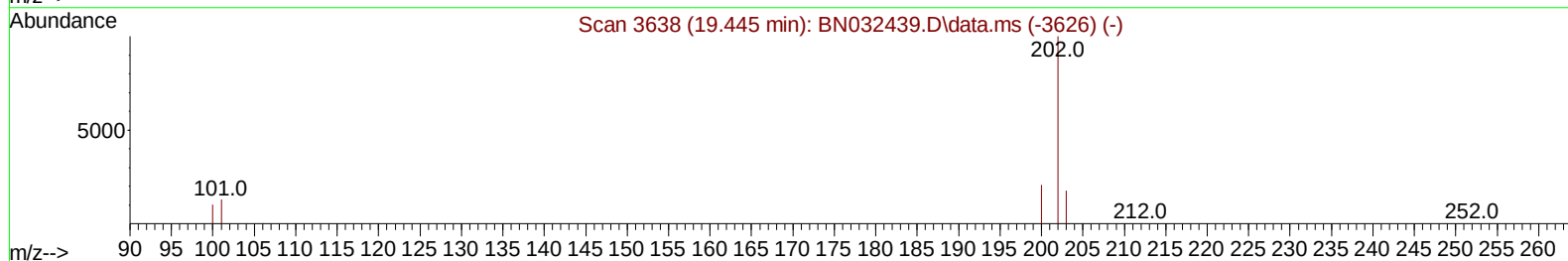
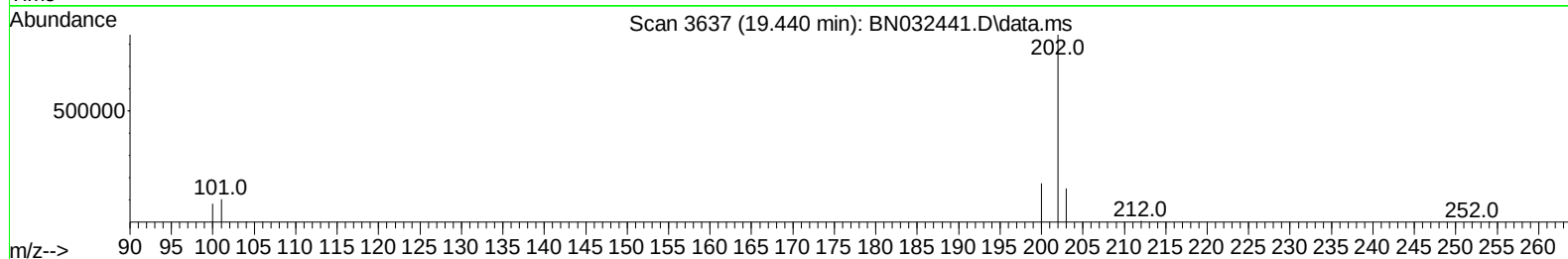
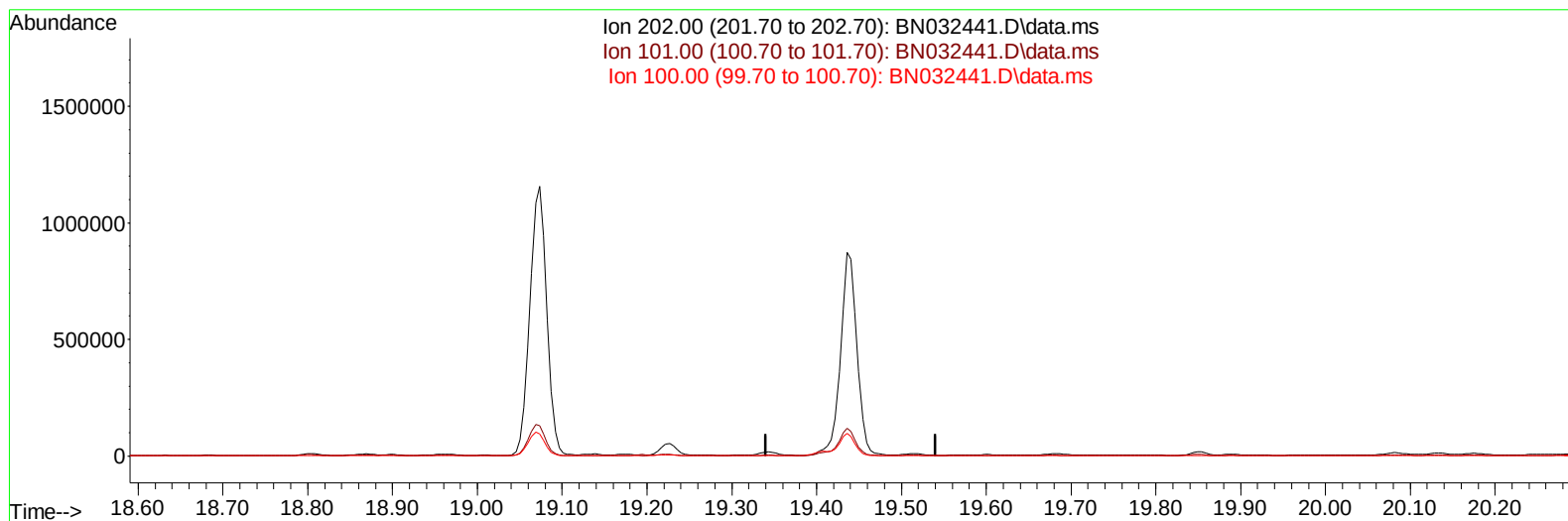
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(20) Pyrene

19.440min (-19.440) 0.00 ng/ul

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

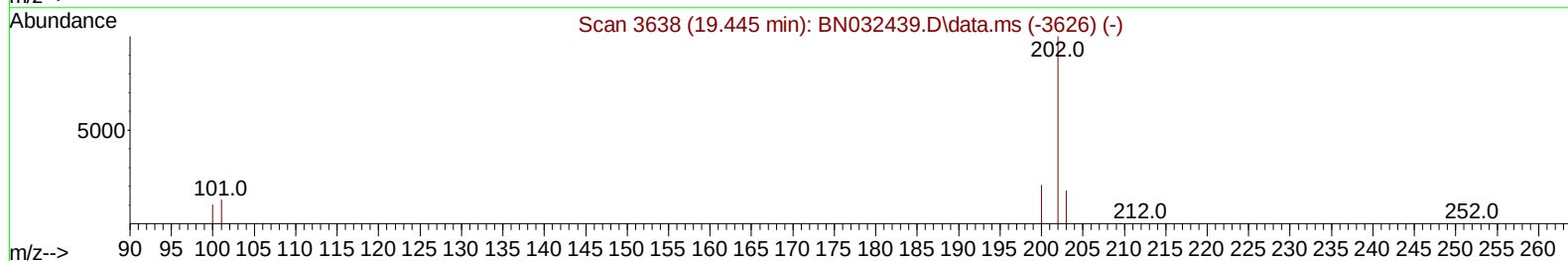
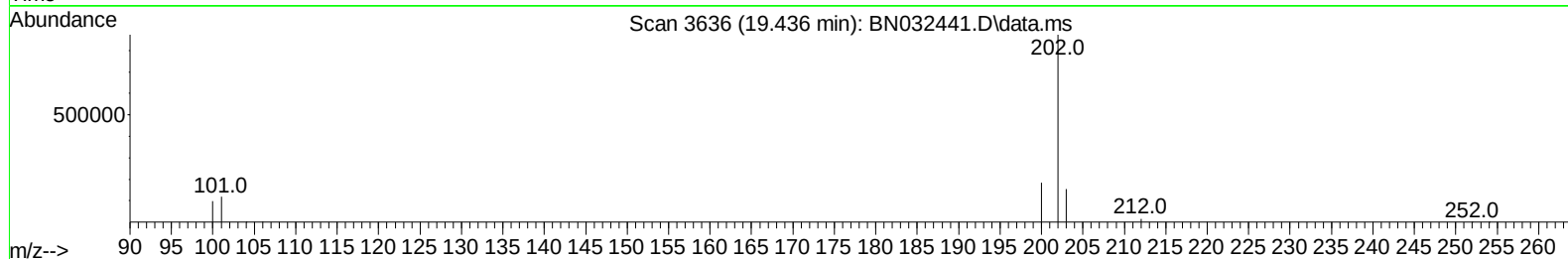
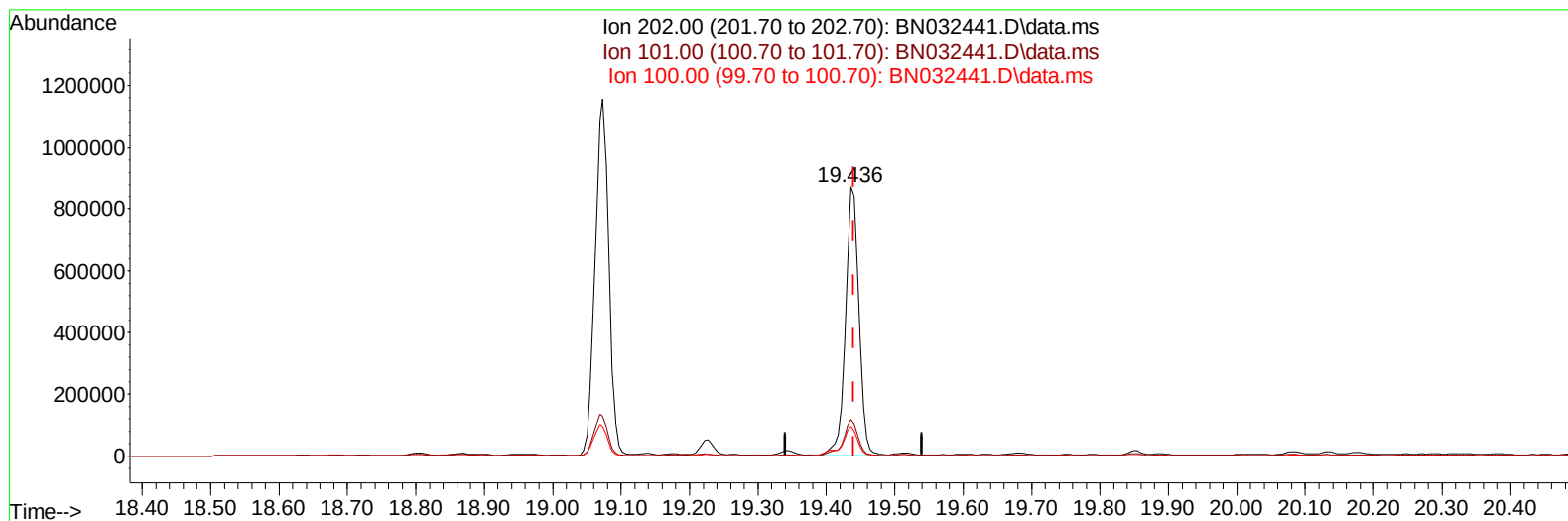
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(20) Pyrene

19.436min (-0.005) 24.36 ng/ul m

response 1195932

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.58
100.00	10.90	11.09
0.00	0.00	0.00

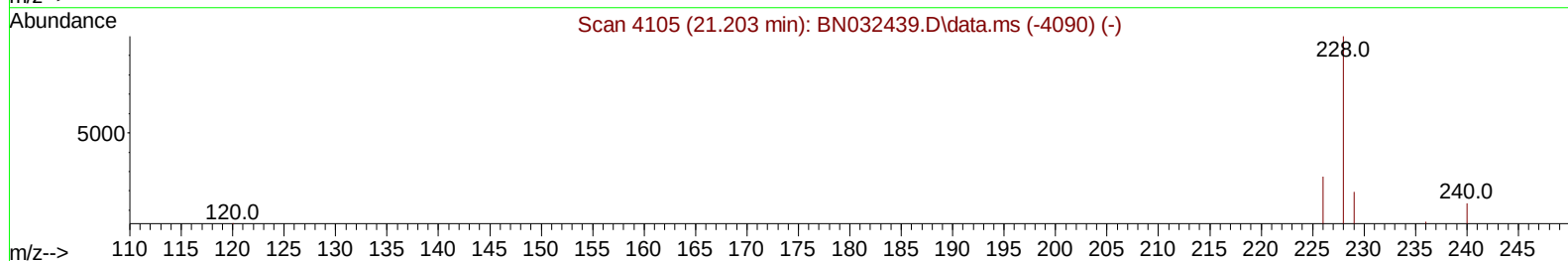
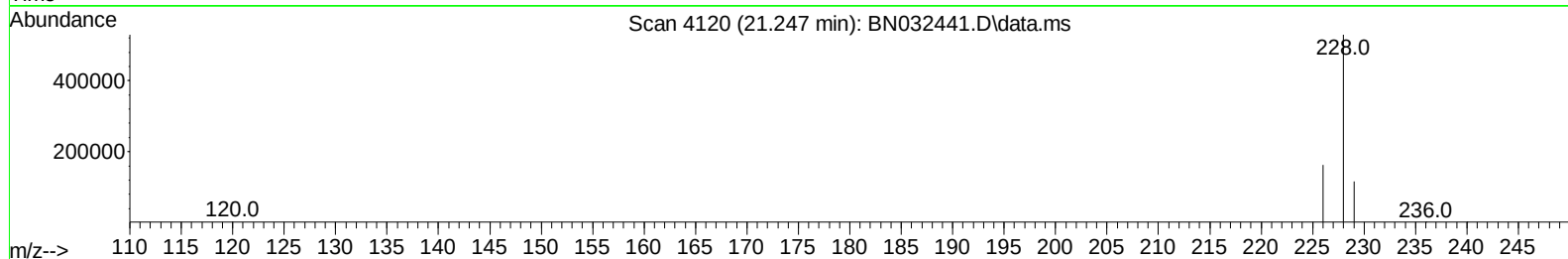
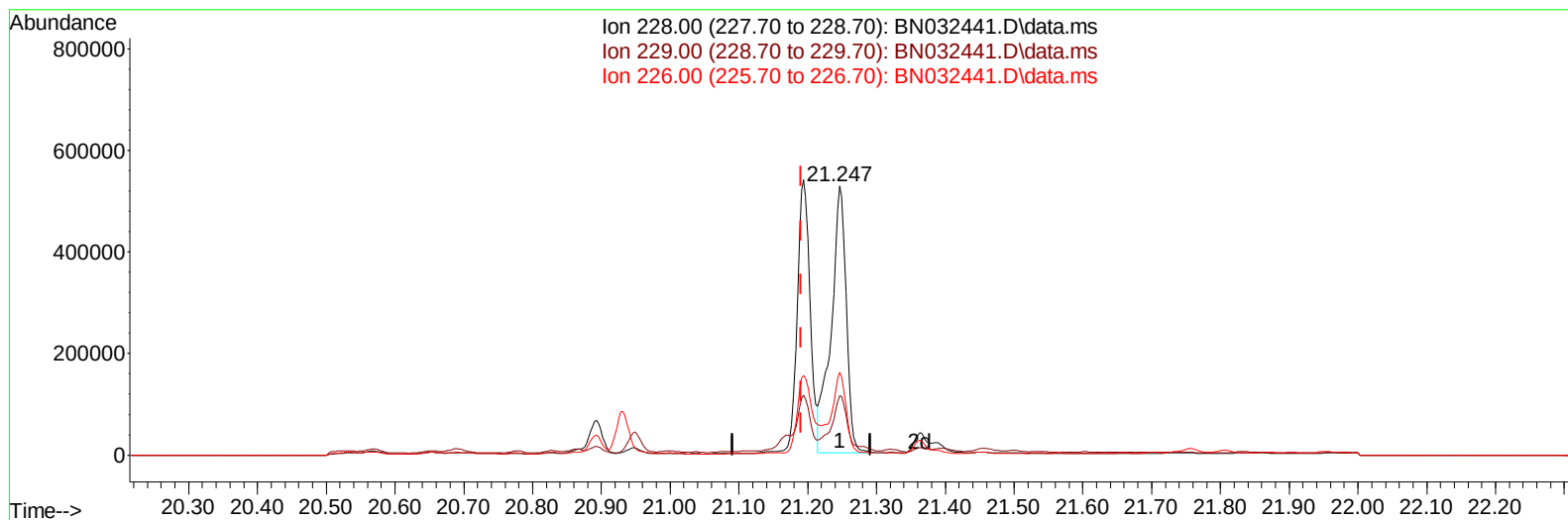
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032441.D\data.ms

(21) Benzo(a)anthracene

21.247min (+ 0.056) 18.03 ng/ul

response 803091

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.06
226.00	27.30	30.77
0.00	0.00	0.00

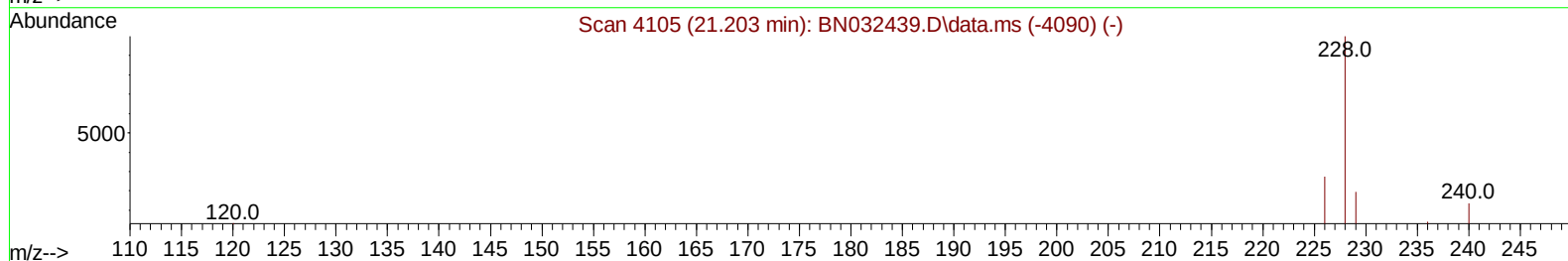
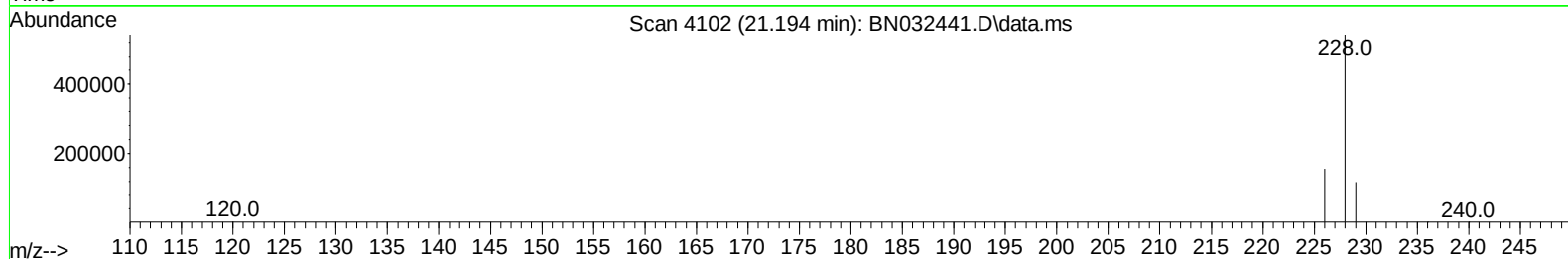
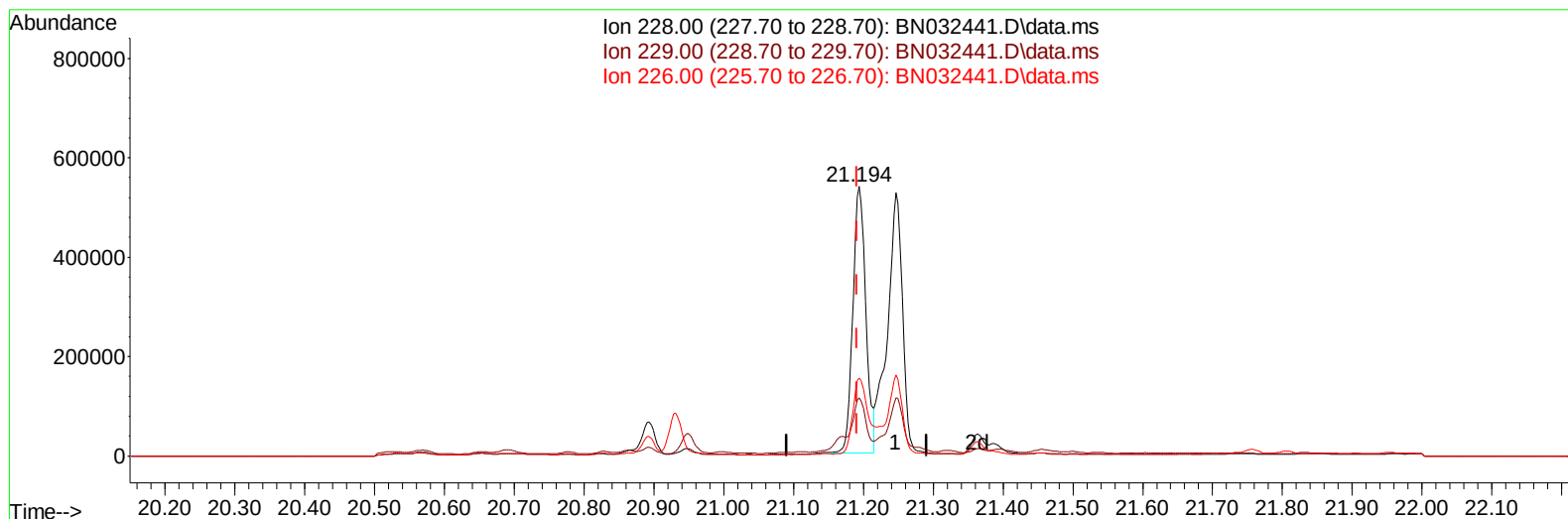
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
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TIC: BN032441.D\data.ms

(21) Benzo(a)anthracene

21.194min (+ 0.003) 15.55 ng/ul m

response 692529

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.69
226.00	27.30	28.93
0.00	0.00	0.00

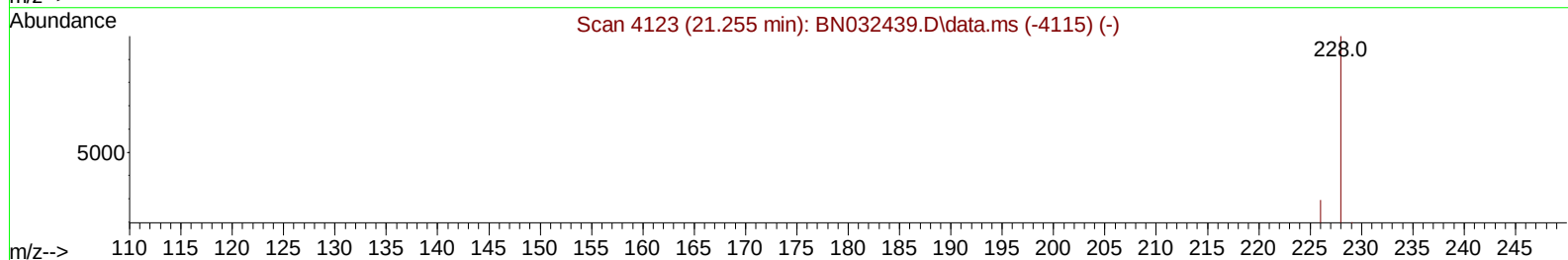
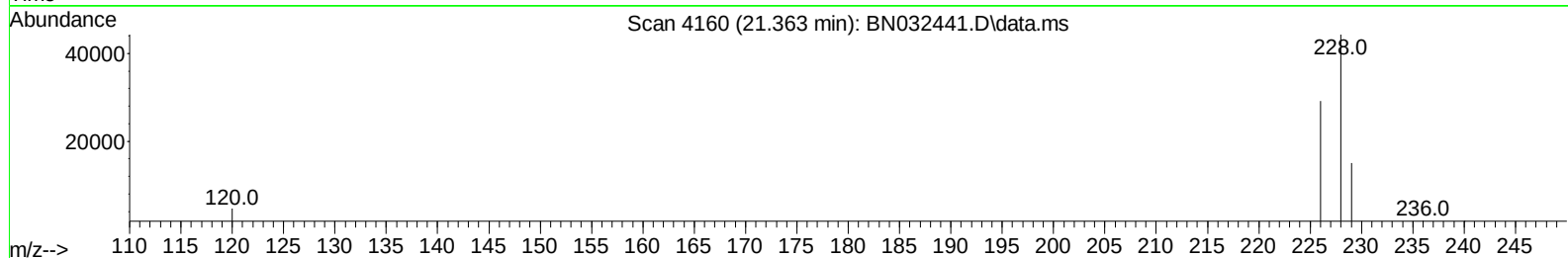
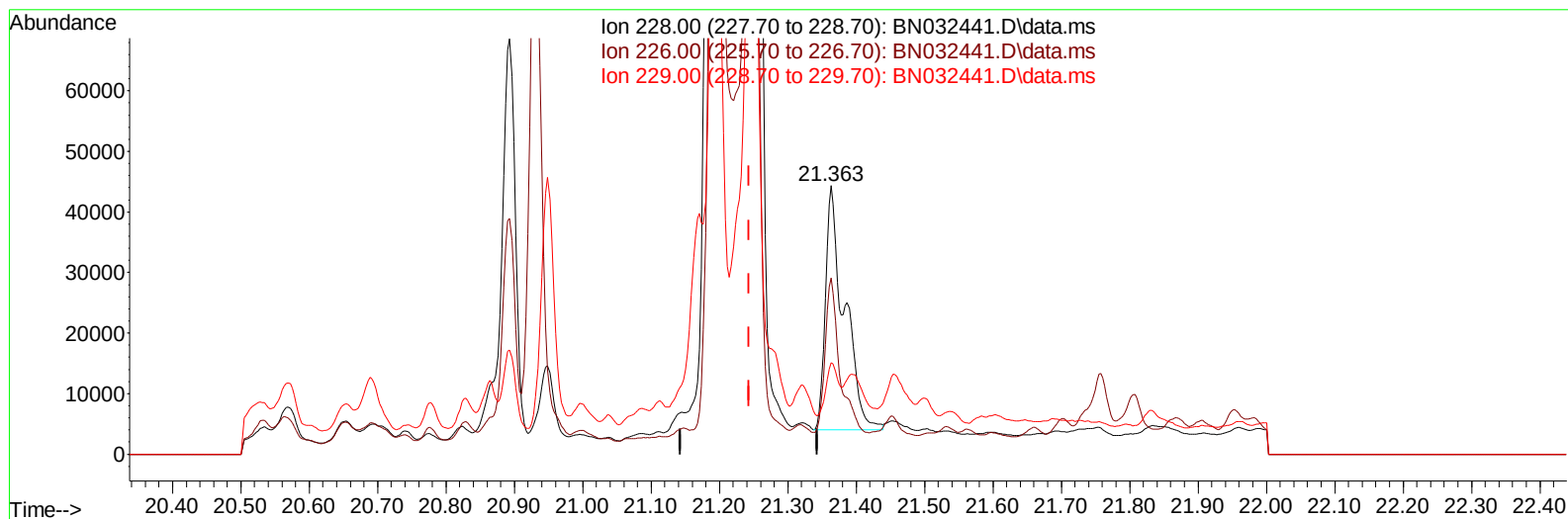
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(22) Chrysene

21.363min (+ 0.120) 1.57 ng/u1

response 76726

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.70#
229.00	19.60	34.03#
0.00	0.00	0.00

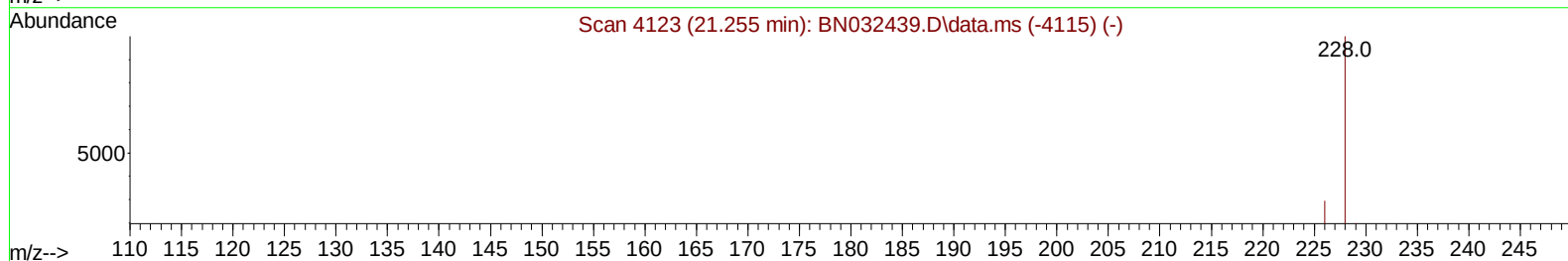
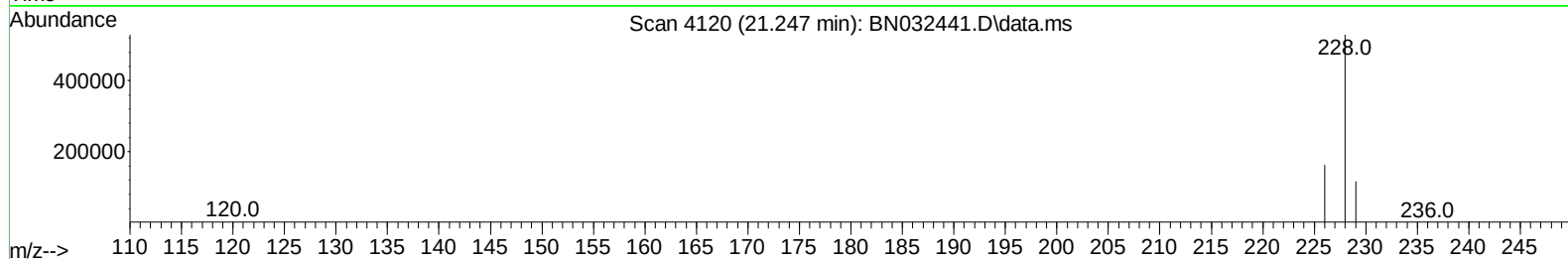
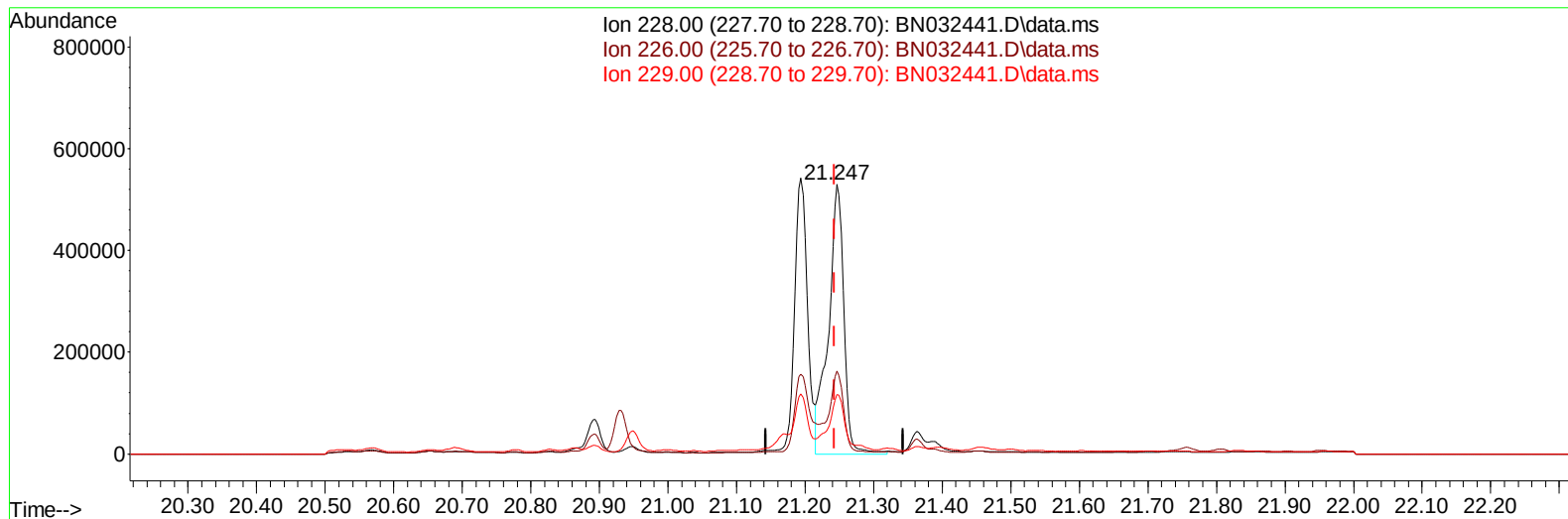
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(22) Chrysene

21.247min (+ 0.003) 17.03 ng/ul m

response 832334

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.77
229.00	19.60	22.06
0.00	0.00	0.00

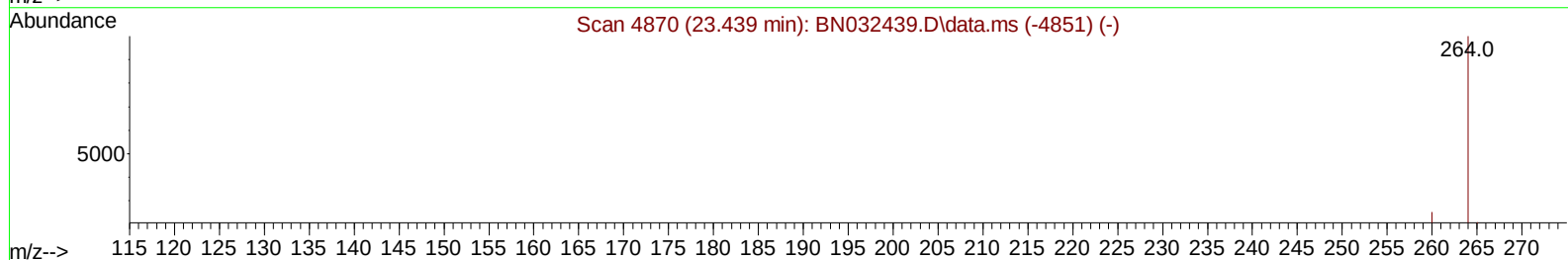
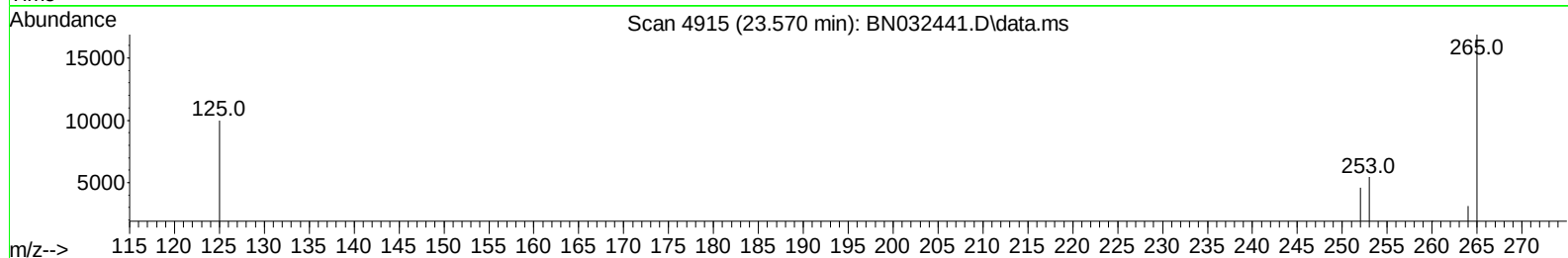
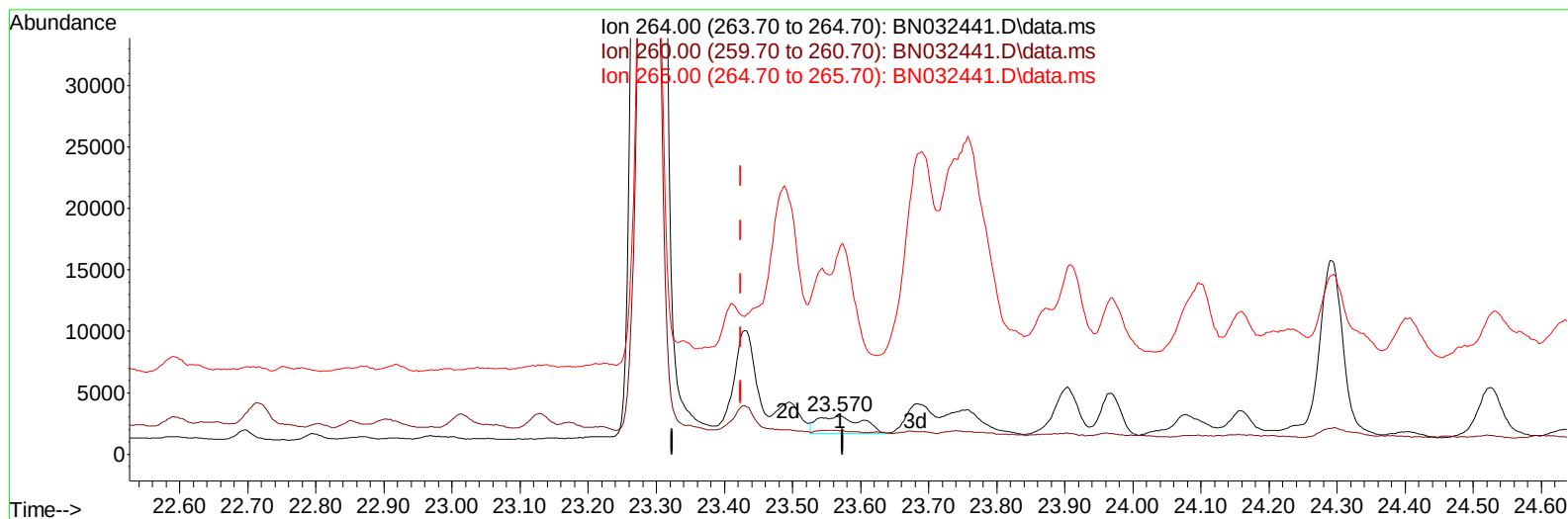
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032441.D
 Acq On : 03 Jul 2024 18:10
 Operator : MA/JU
 Sample : P2963-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(23) Perylene-d12 (I)

23.570min (+ 0.146) 0.40 ng/ul

response 6321

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	61.42#
265.00	67.20	544.52#
0.00	0.00	0.00

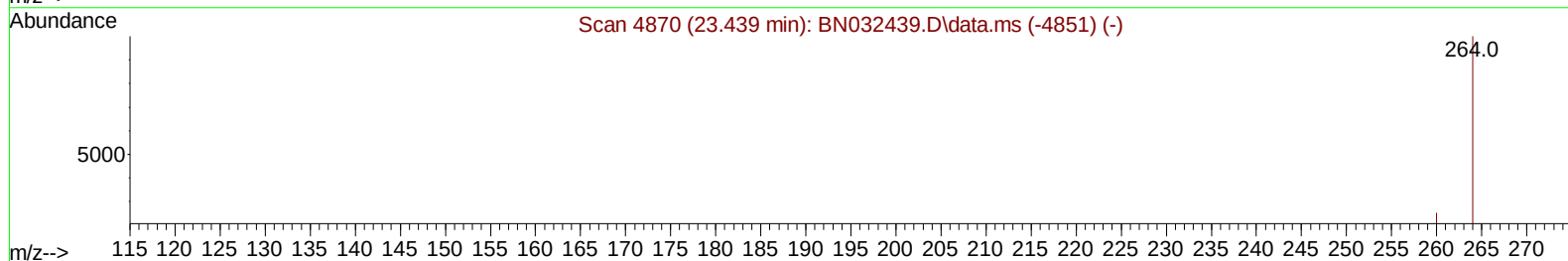
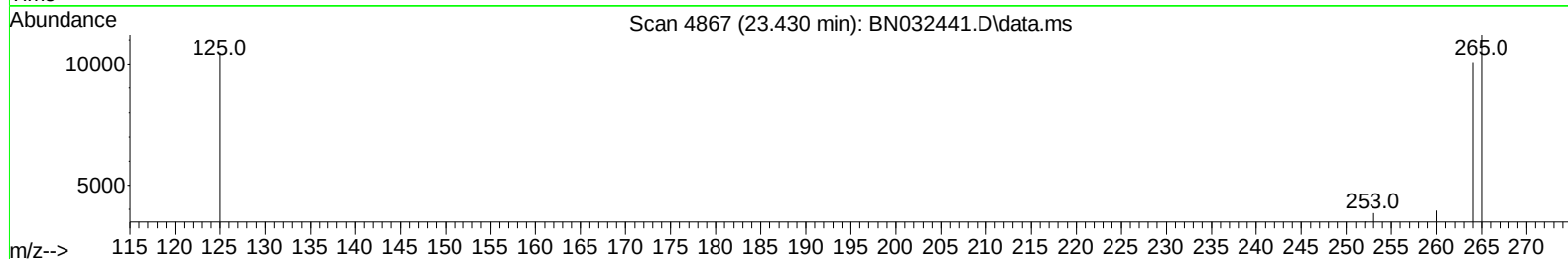
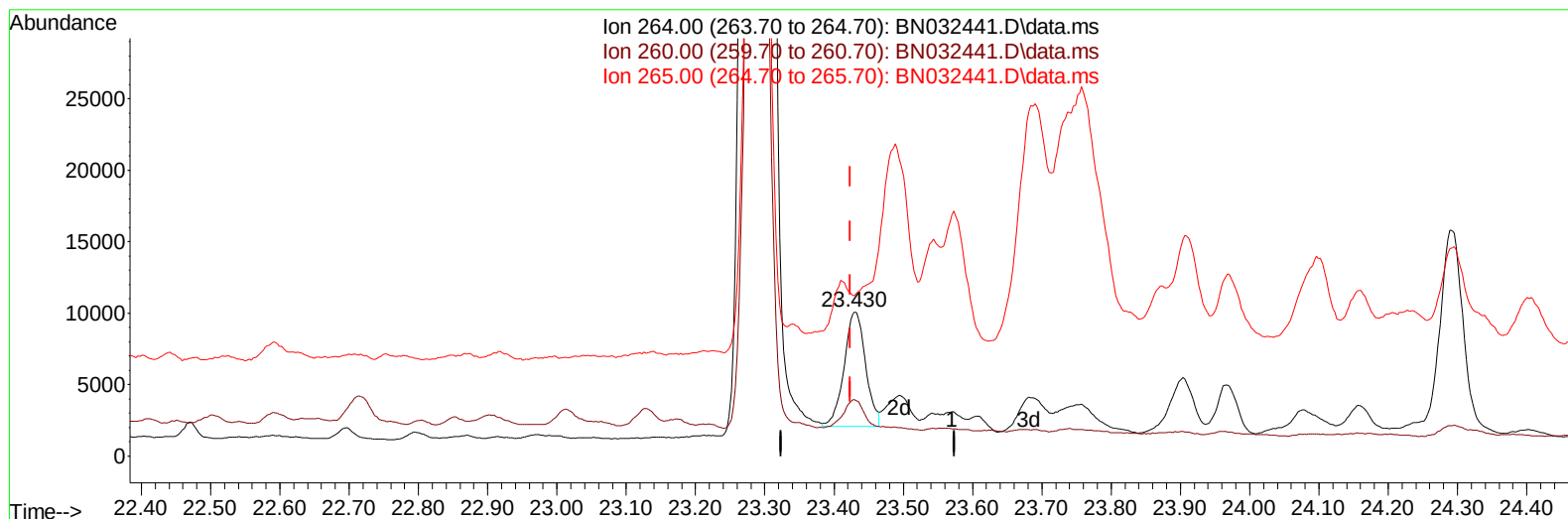
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(23) Perylene-d12 (I)

23.430min (+ 0.006) 0.40 ng/ul m

response 17402

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	39.13#
265.00	67.20	111.26#
0.00	0.00	0.00

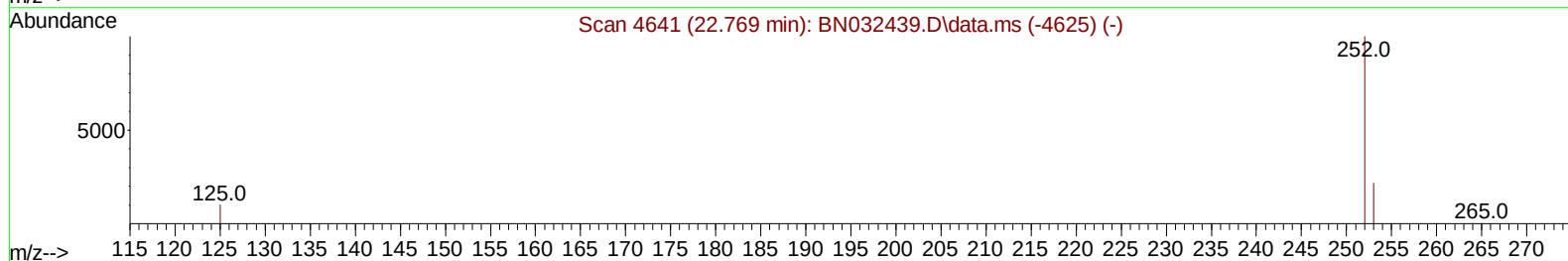
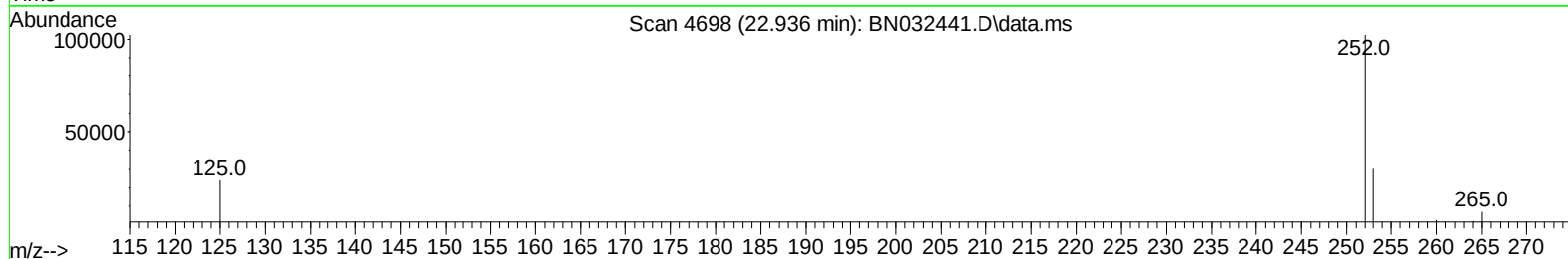
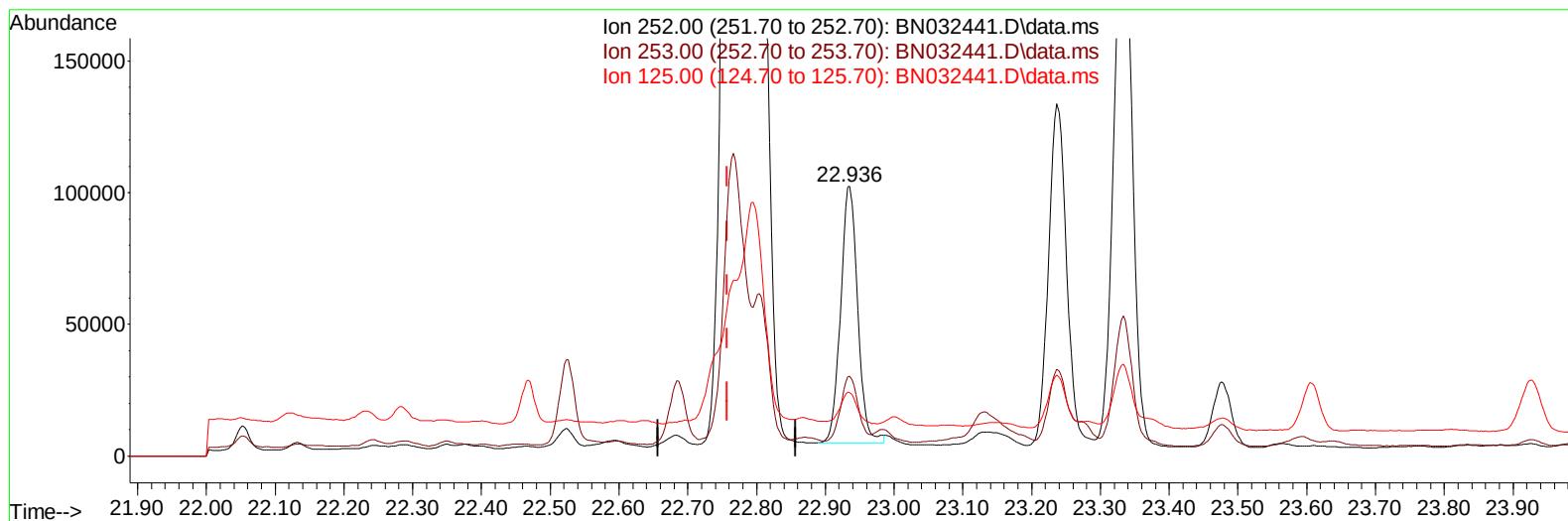
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032441.D\data.ms

(24) Benzo(b)fluoranthene

22.936min (+ 0.178) 2.24 ng/u1

response 169074

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	29.65
125.00	16.00	23.59
0.00	0.00	0.00

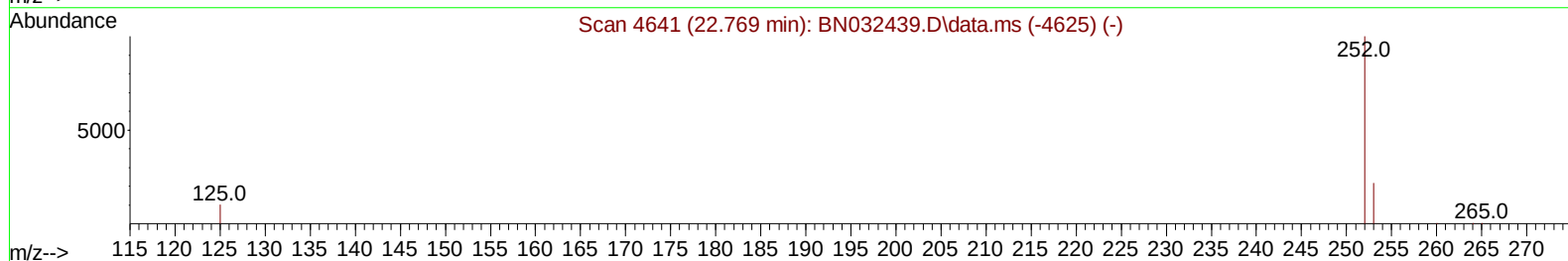
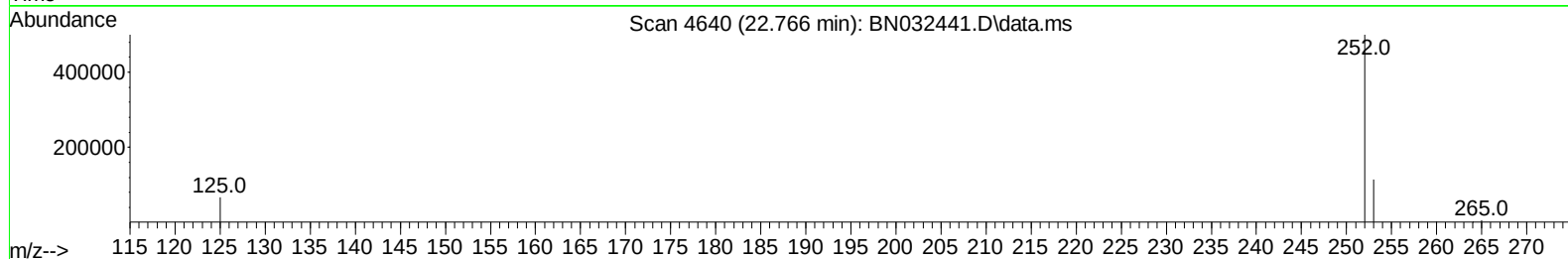
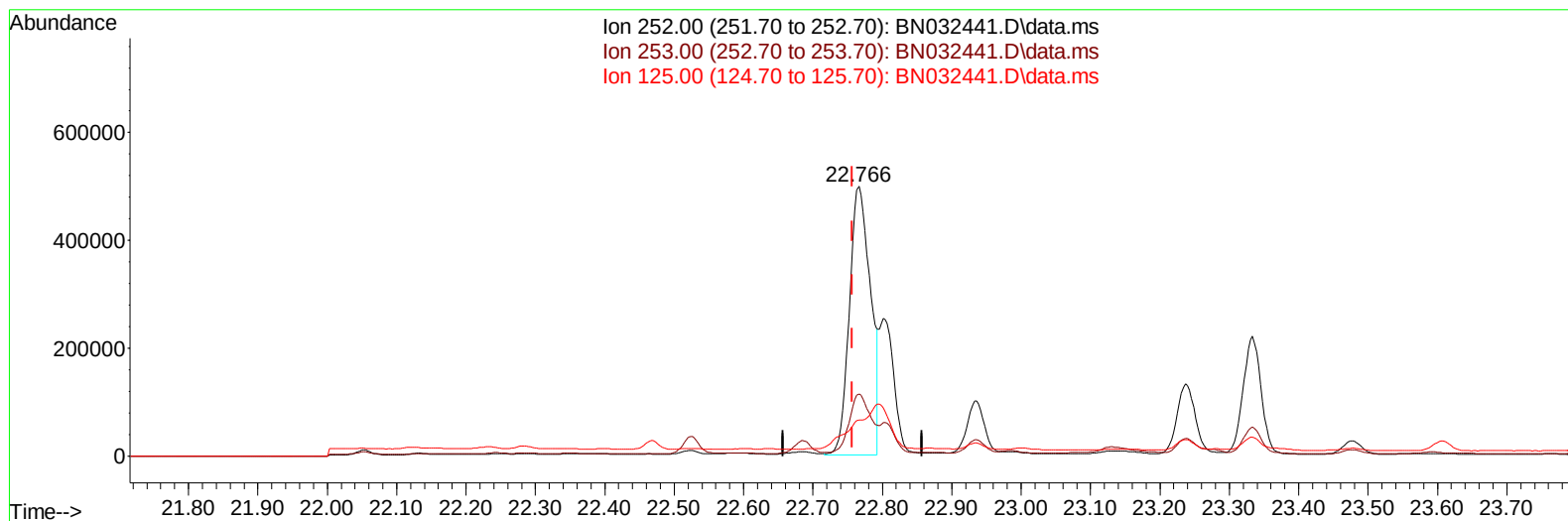
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(24) Benzo(b)fluoranthene

22.766min (+ 0.009) 13.94 ng/ul m

response 1054270

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	22.99
125.00	16.00	13.33
0.00	0.00	0.00

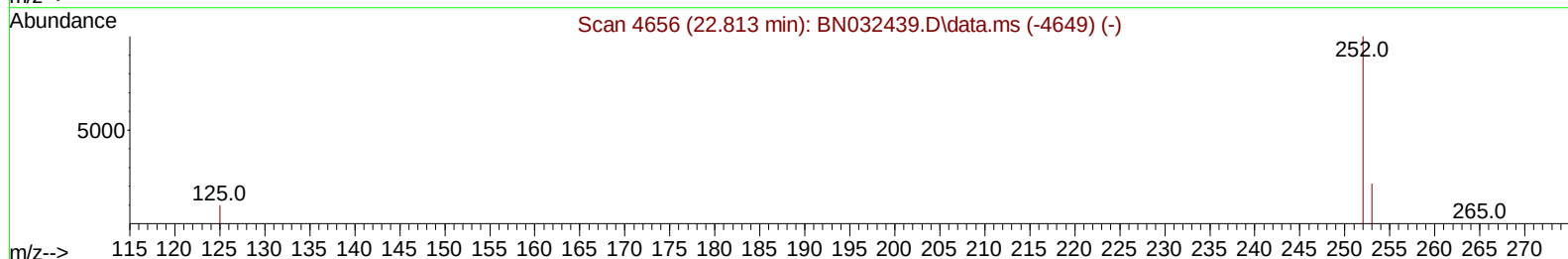
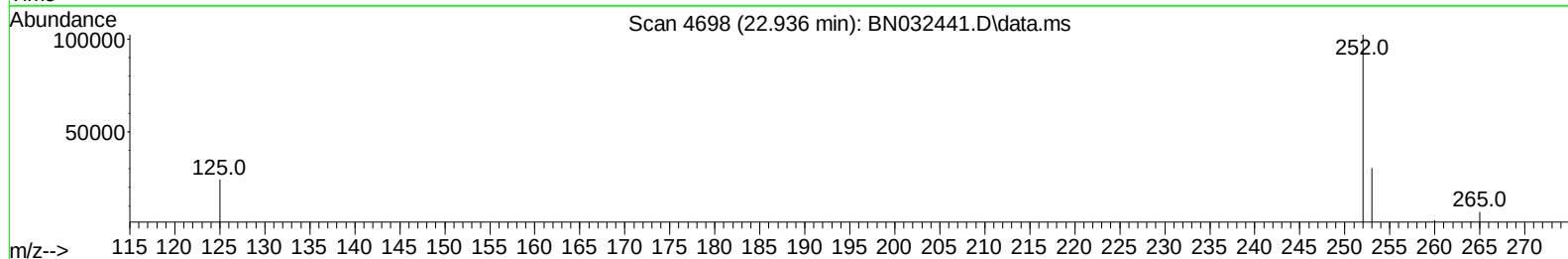
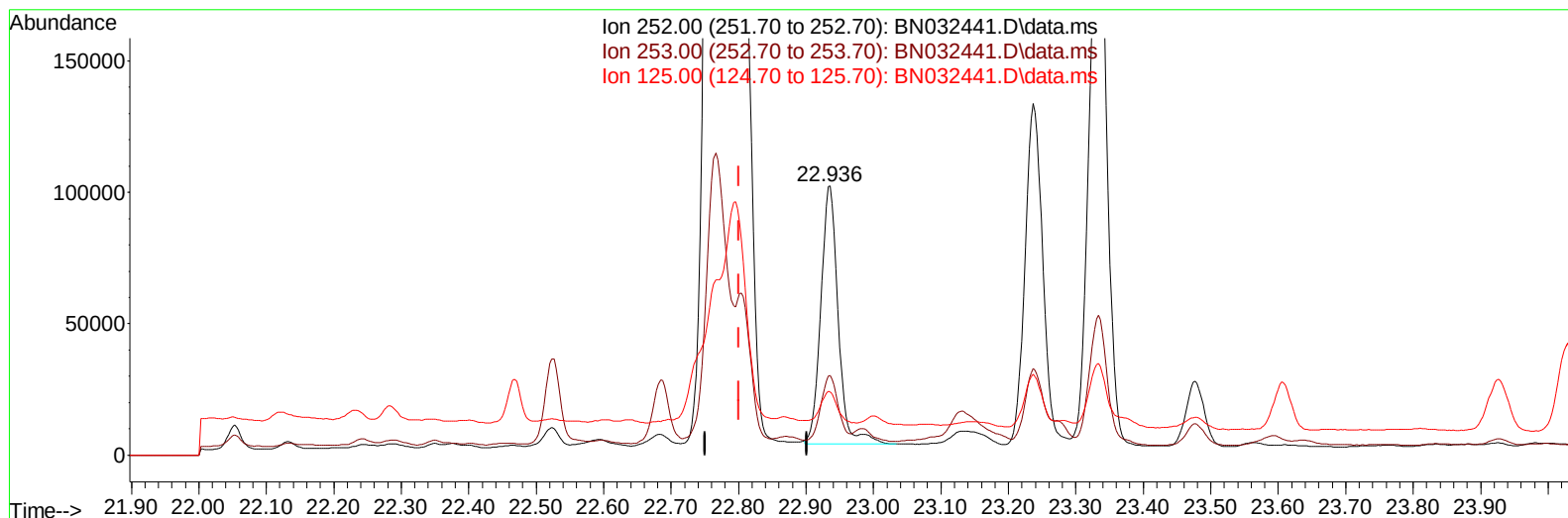
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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



TIC: BN032441.D\data.ms

(25) Benzo(k)fluoranthene

22.936min (+ 0.135) 2.40 ng/u1

response 176536

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	29.65
125.00	16.00	23.59#
0.00	0.00	0.00

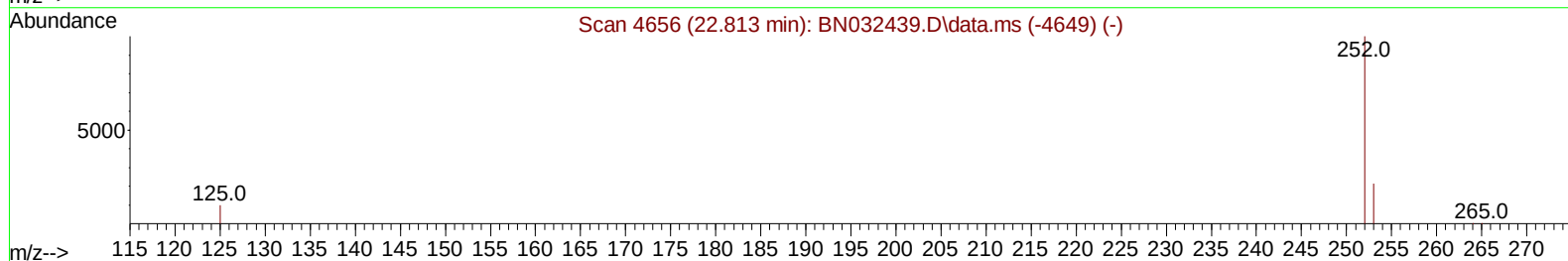
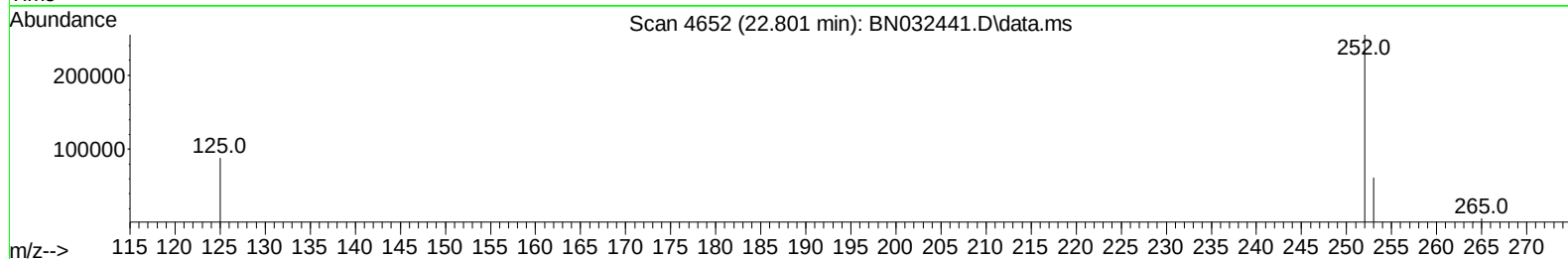
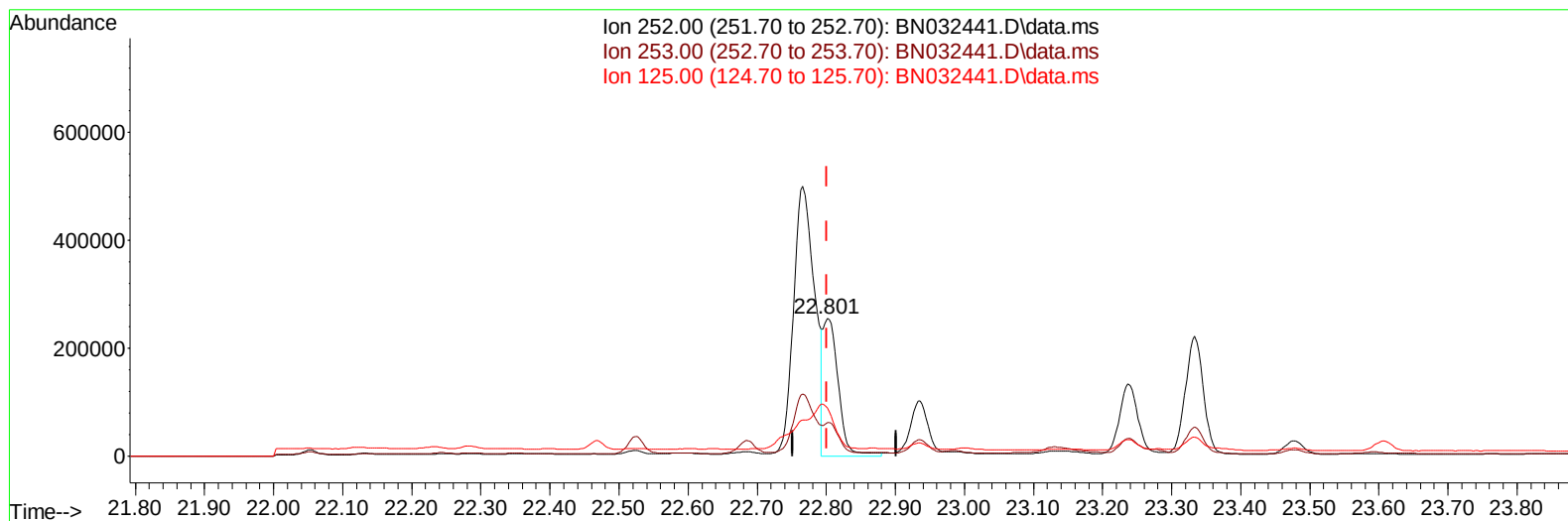
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (+ 0.000) 5.36 ng/ul m

response 393423

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.15
125.00	16.00	34.82#
0.00	0.00	0.00

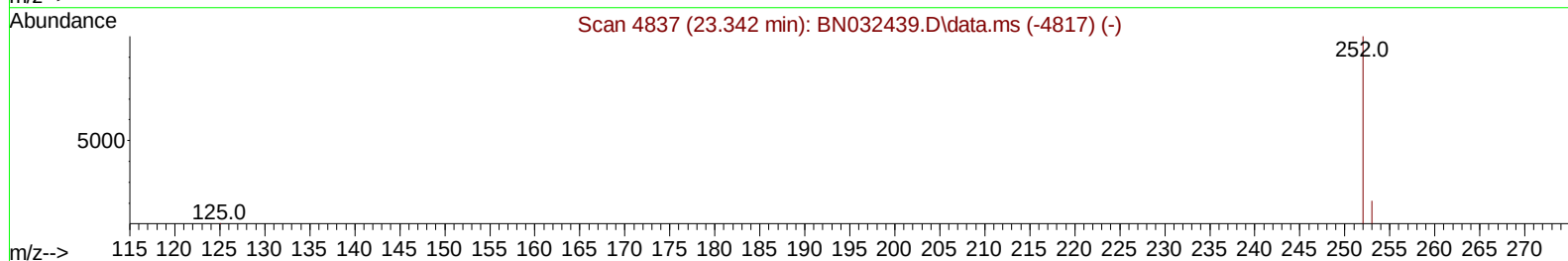
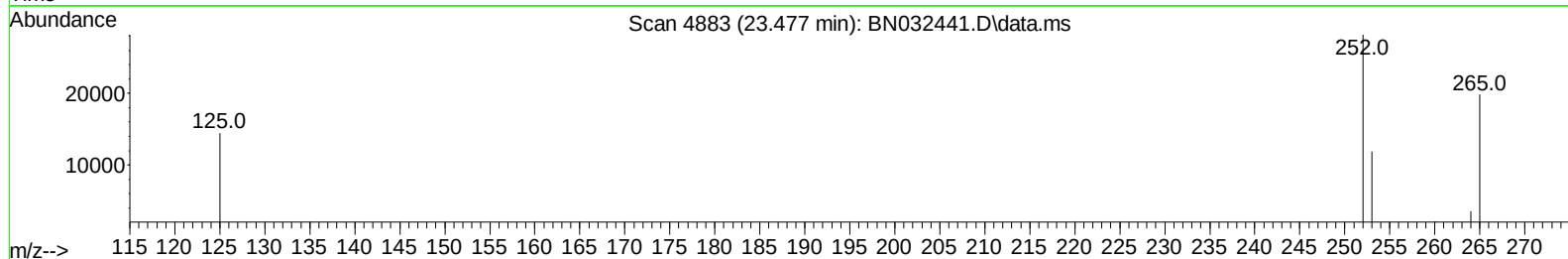
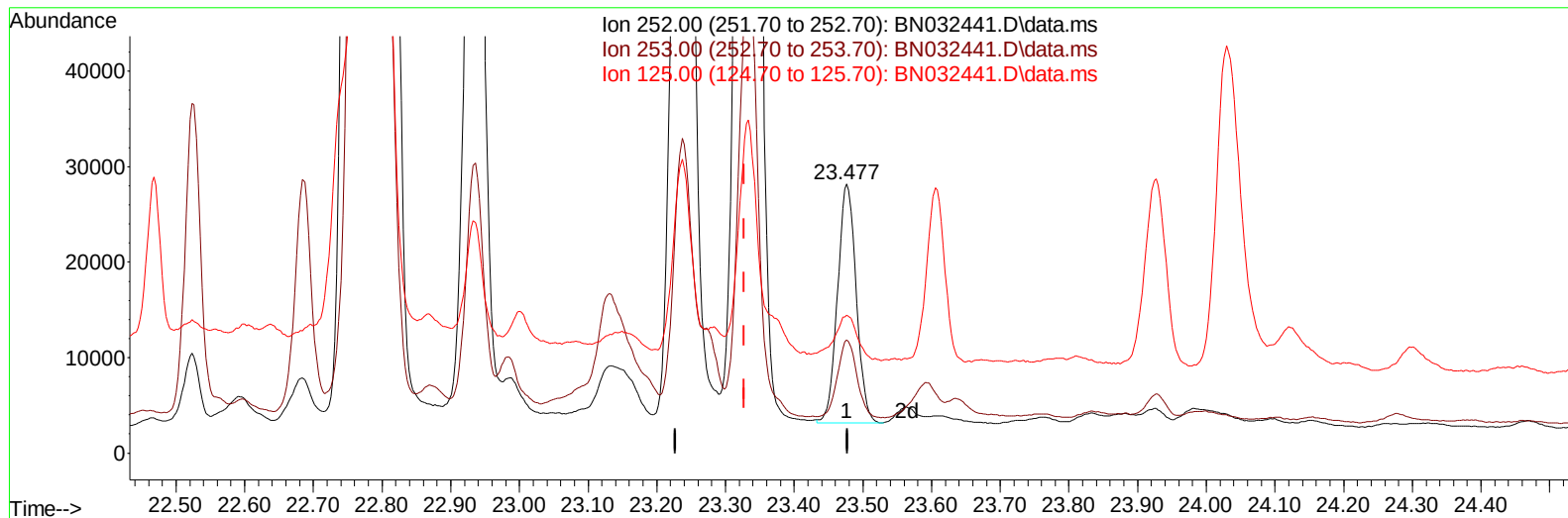
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(26) Benzo(a)pyrene (C)

23.477min (+ 0.149) 0.90 ng/u1

response 47145

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	42.18#
125.00	20.50	51.35#
0.00	0.00	0.00

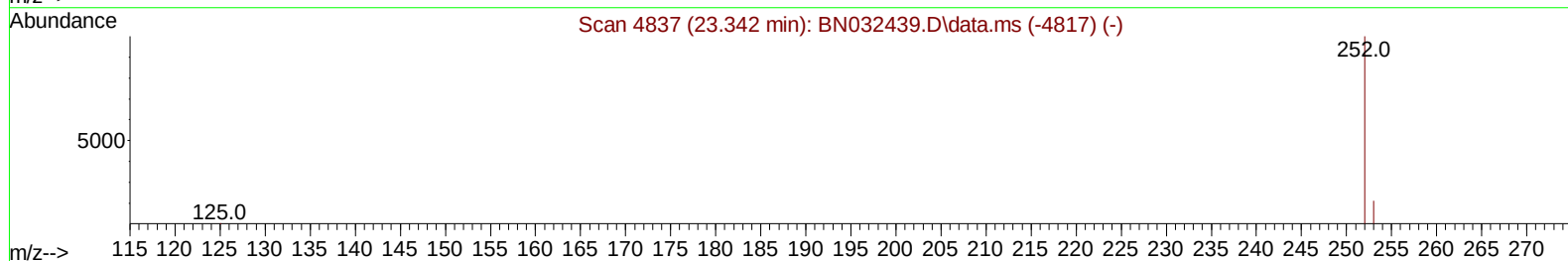
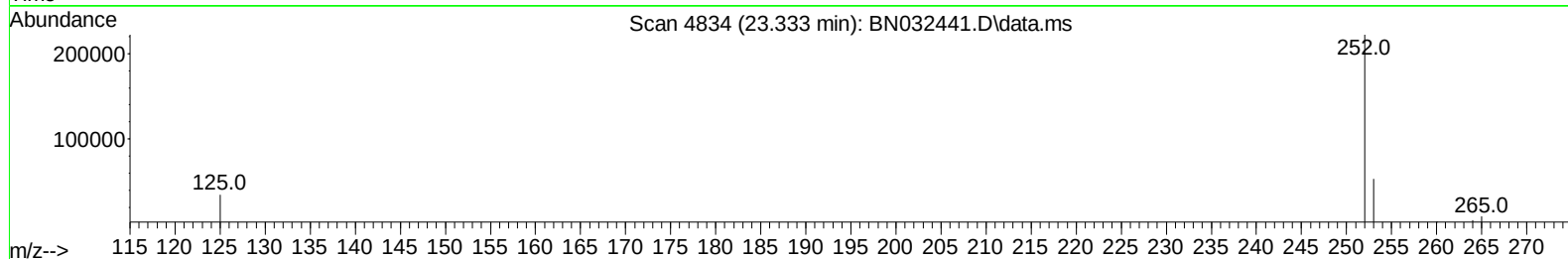
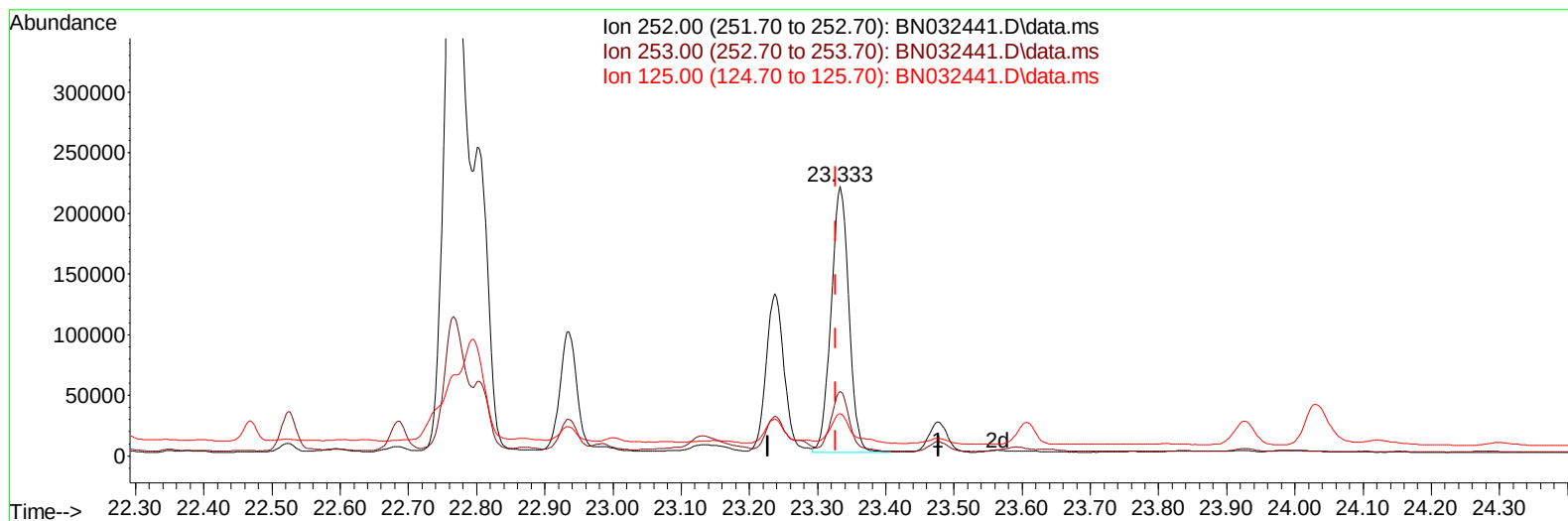
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(26) Benzo(a)pyrene (C)

23.333min (+ 0.006) 7.54 ng/ul m

response 396881

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.97
125.00	20.50	15.72#
0.00	0.00	0.00

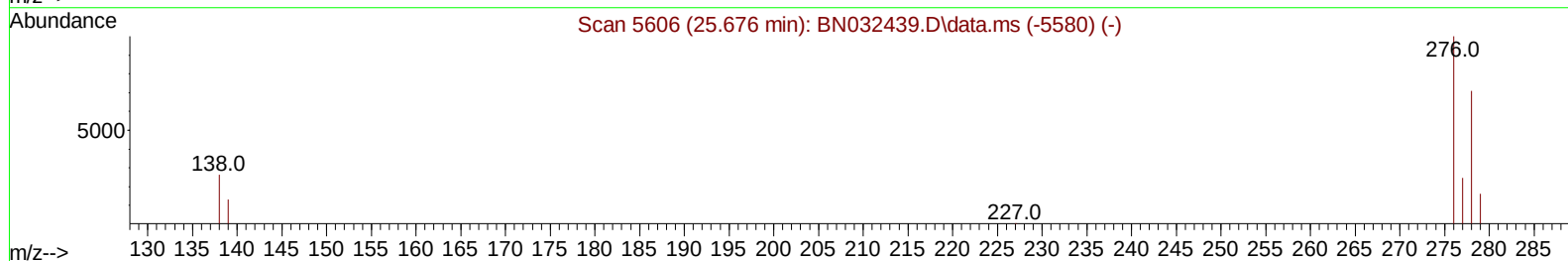
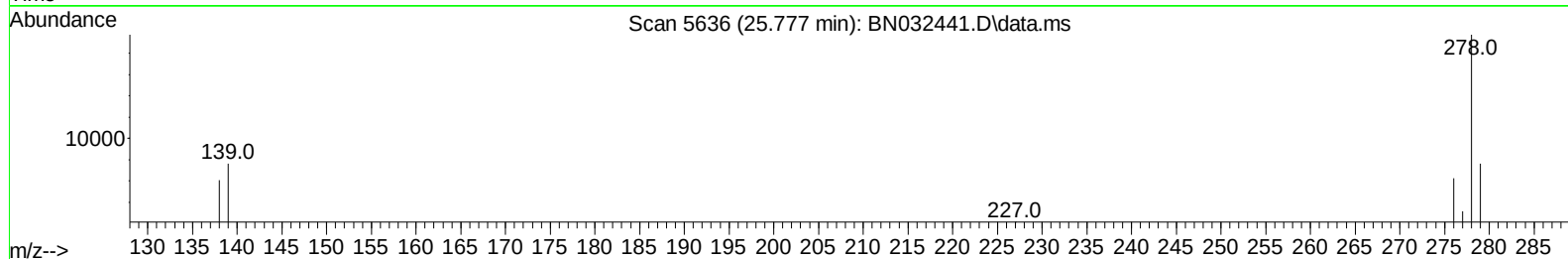
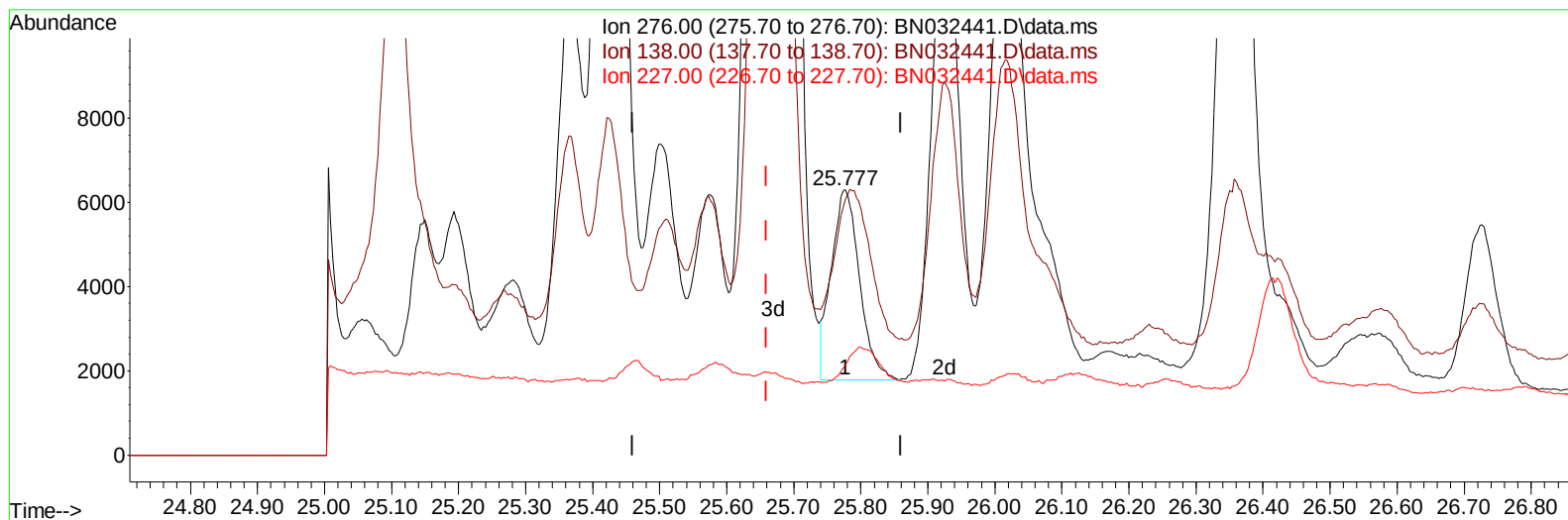
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032441.D
 Acq On : 03 Jul 2024 18:10
 Operator : MA/JU
 Sample : P2963-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 2024
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TIC: BN032441.D\data.ms

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

25.777min (+ 0.117) 0.16 ng/u1

response 13175

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	97.57#
227.00	0.10	0.00#
0.00	0.00	0.00

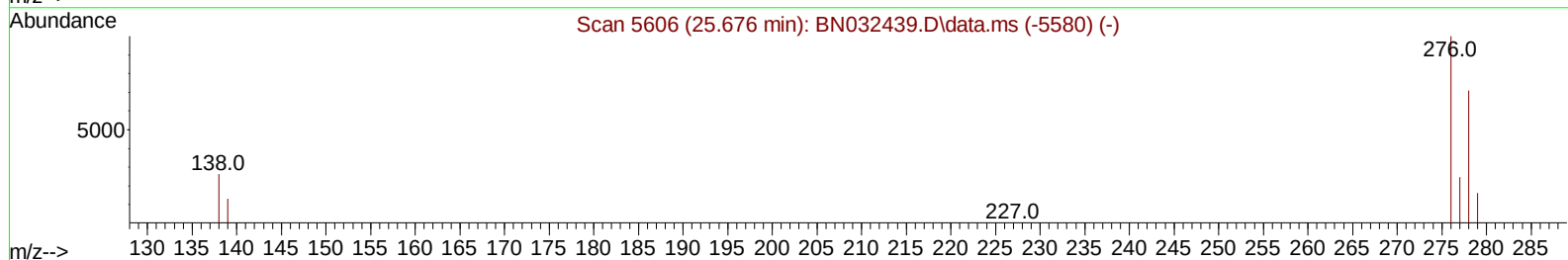
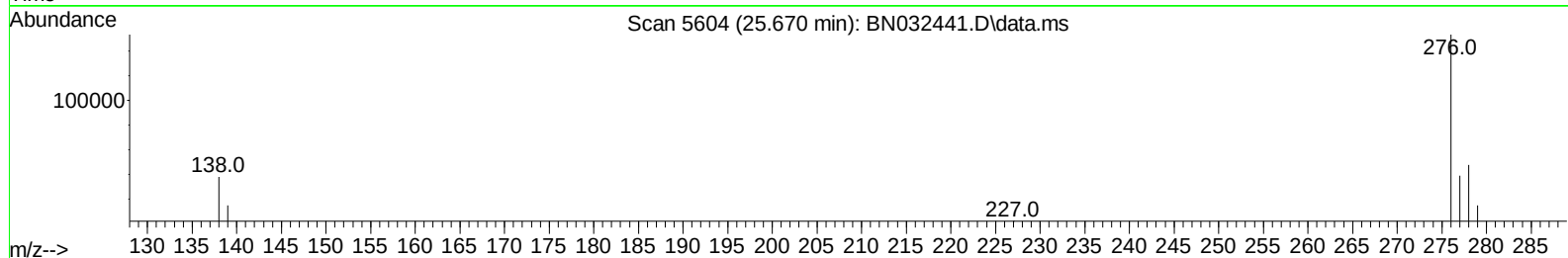
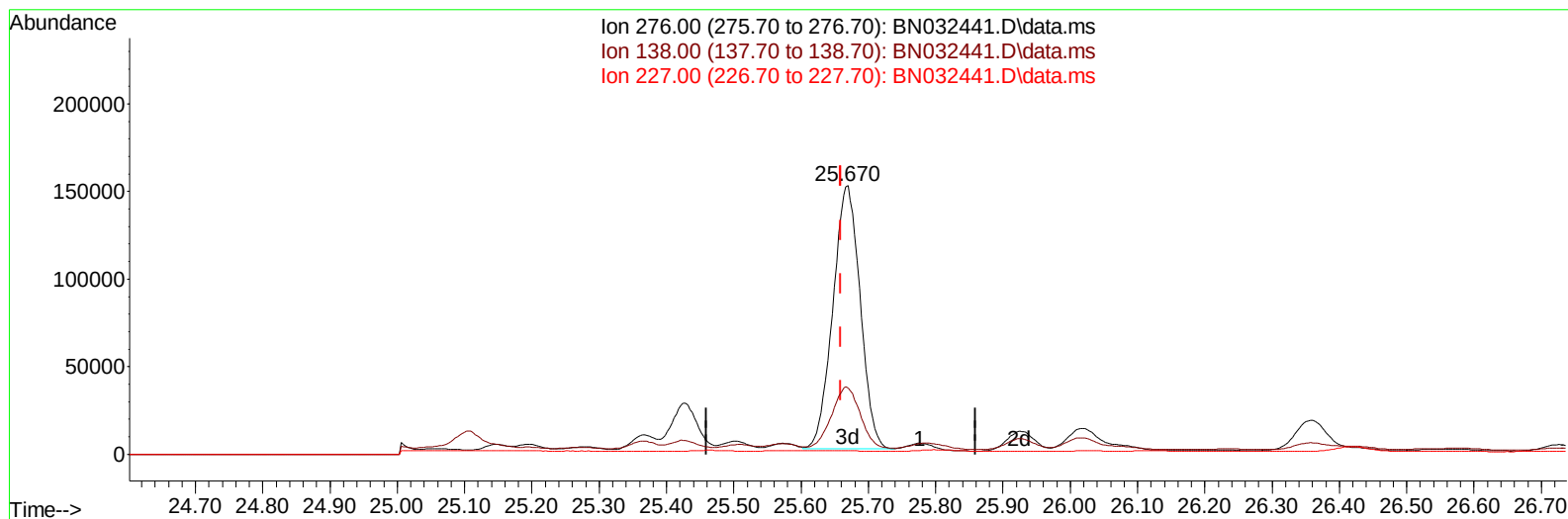
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

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TIC: BN032441.D\data.ms

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

25.670min (+ 0.010) 5.14 ng/ul m

response 423107

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.04#
227.00	0.10	0.00#
0.00	0.00	0.00

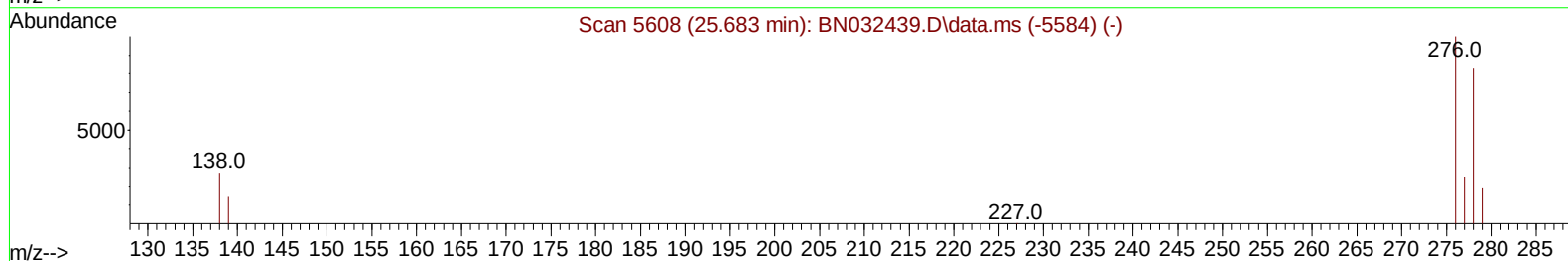
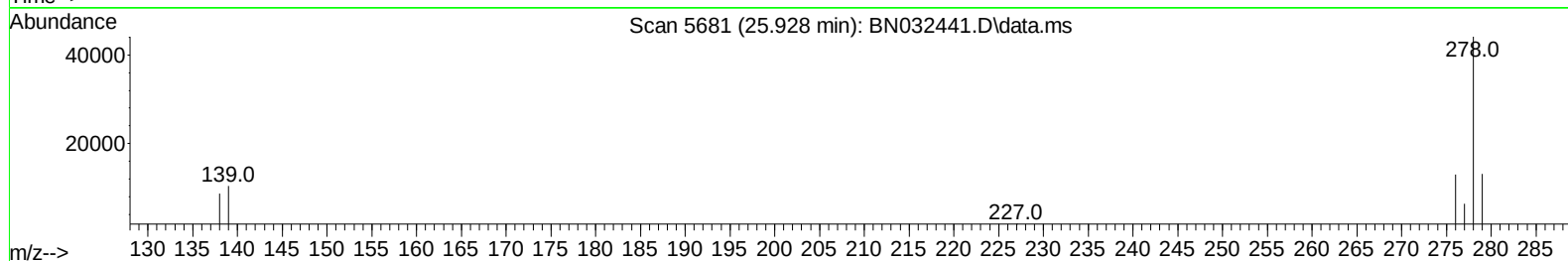
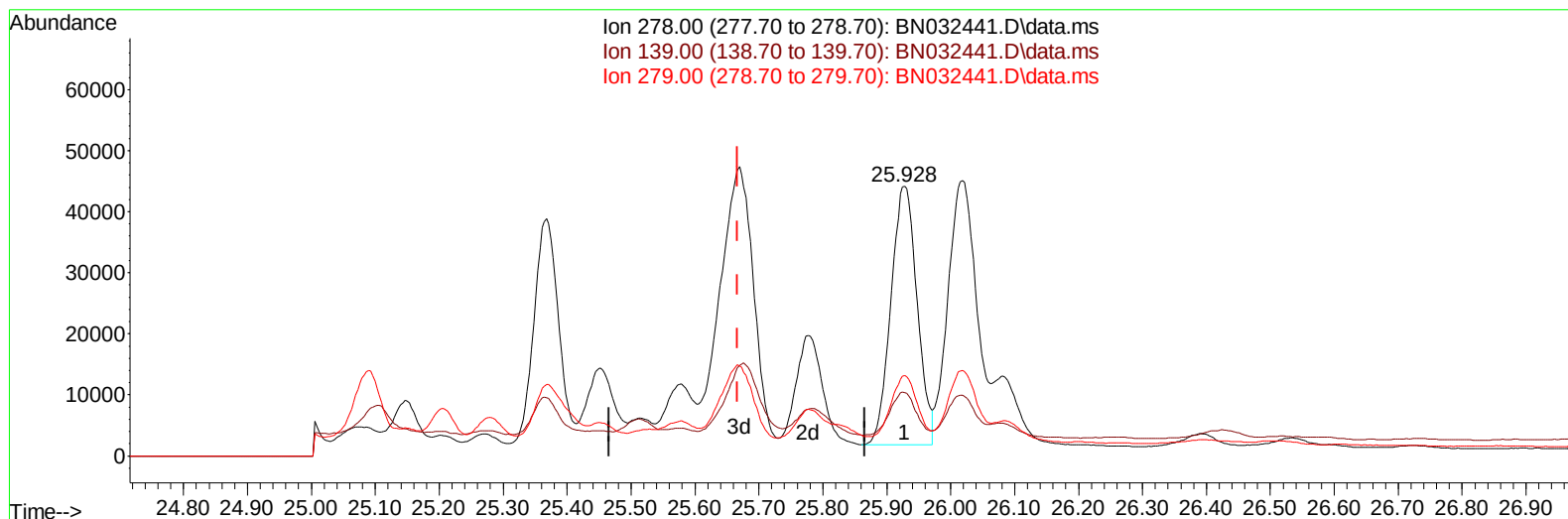
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 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: BN032441.D\data.ms

(28) Dibenzo(a,h)anthracene

25.928min (+ 0.262) 1.98 ng/u1

response 121203

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	23.48
279.00	26.40	29.75
0.00	0.00	0.00

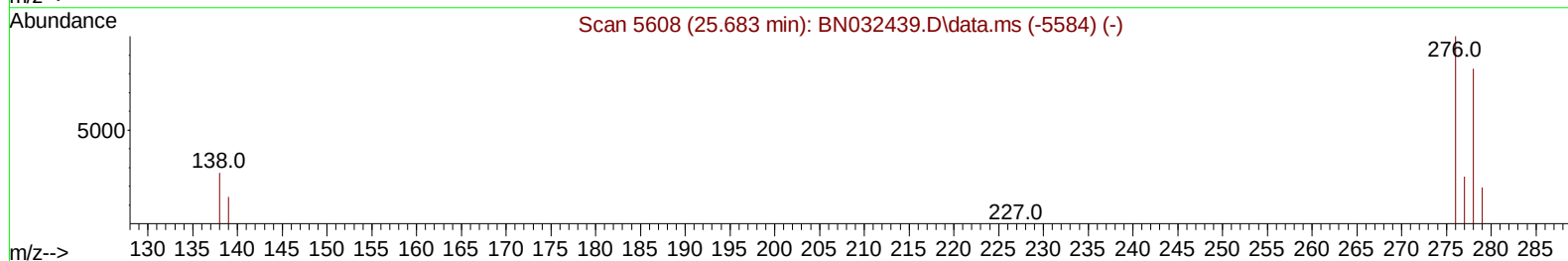
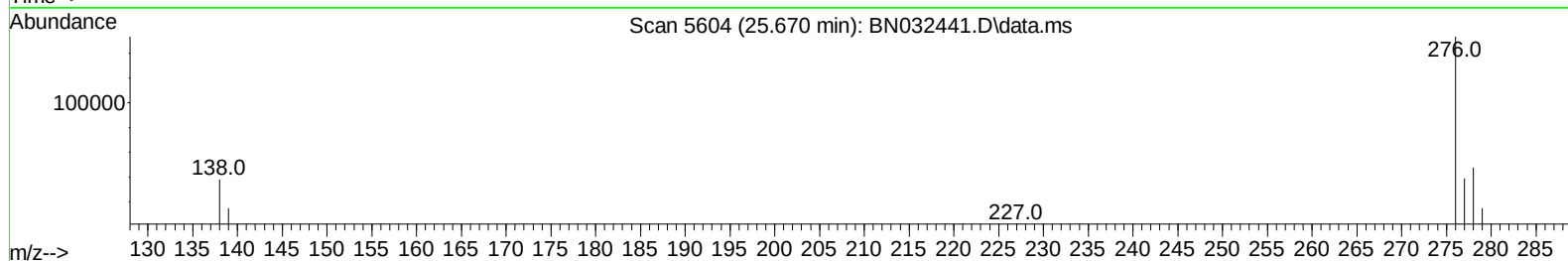
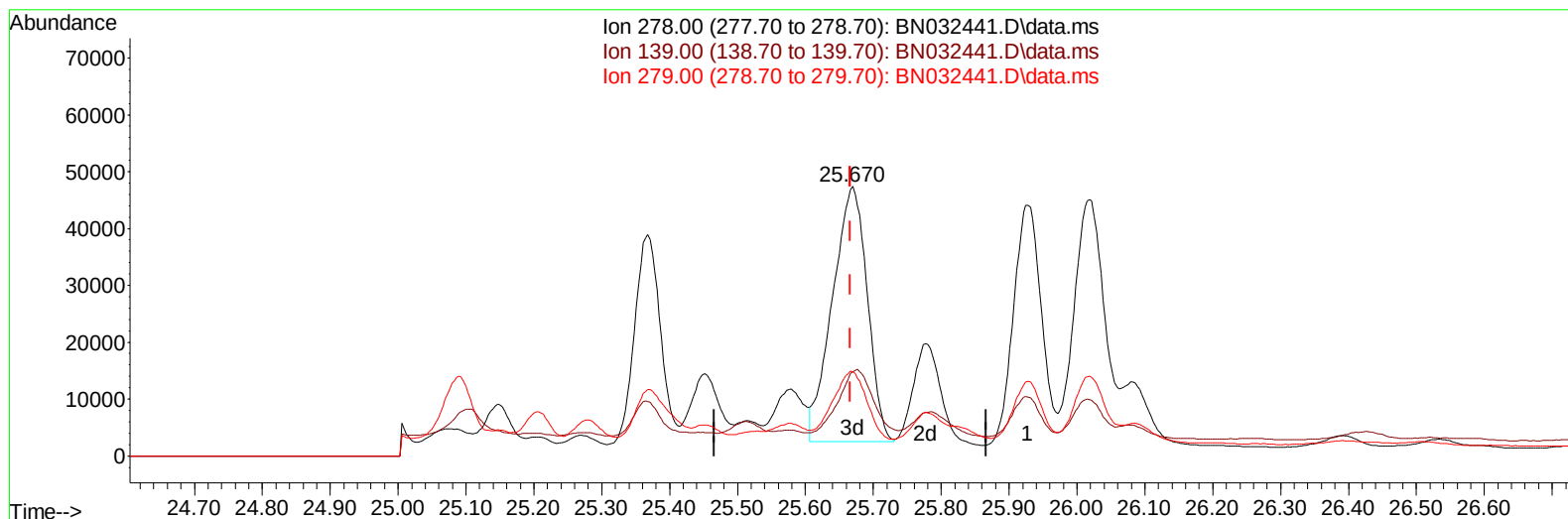
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN032441.D\data.ms

(28) Dibenzo(a,h)anthracene

25.670min (+ 0.003) 2.62 ng/ul m

response 160153

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	31.26#
279.00	26.40	31.16
0.00	0.00	0.00

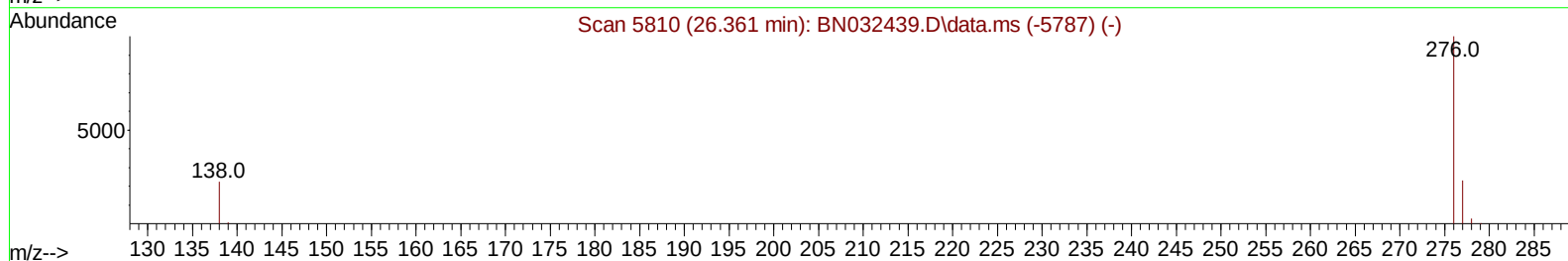
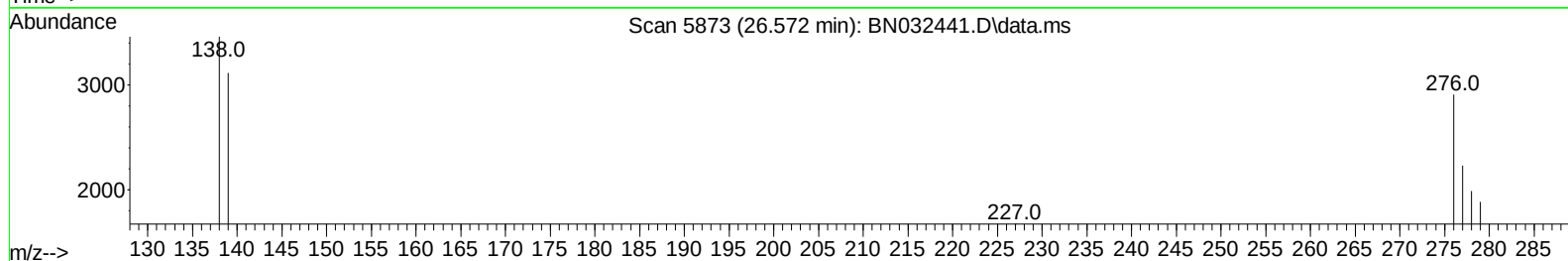
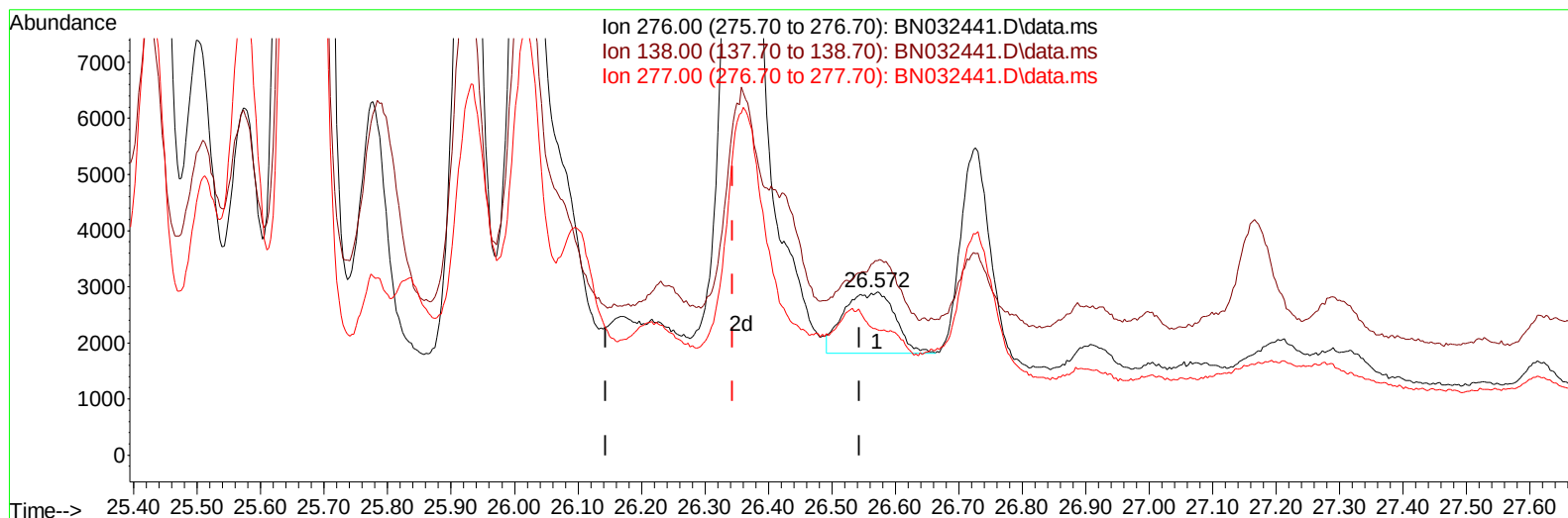
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

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TIC: BN032441.D\data.ms

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

26.572min (+ 0.228) 0.09 ng/u1

response 6128

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	119.04#
277.00	24.70	76.80#
0.00	0.00	0.00

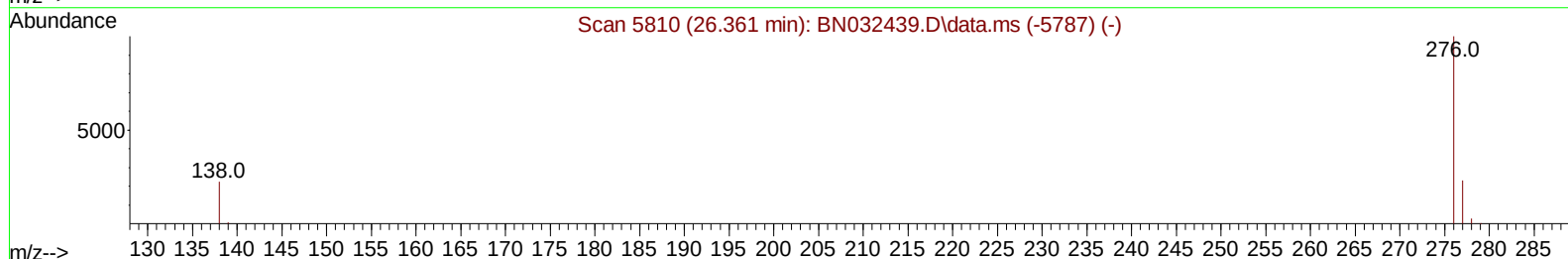
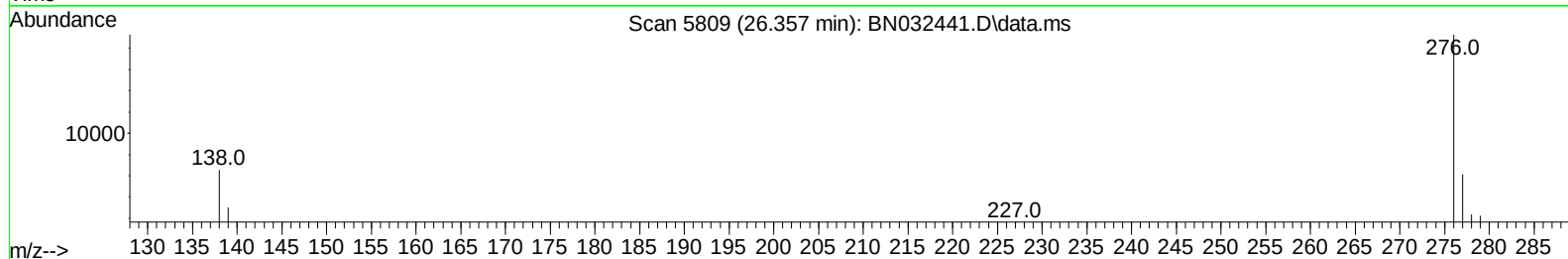
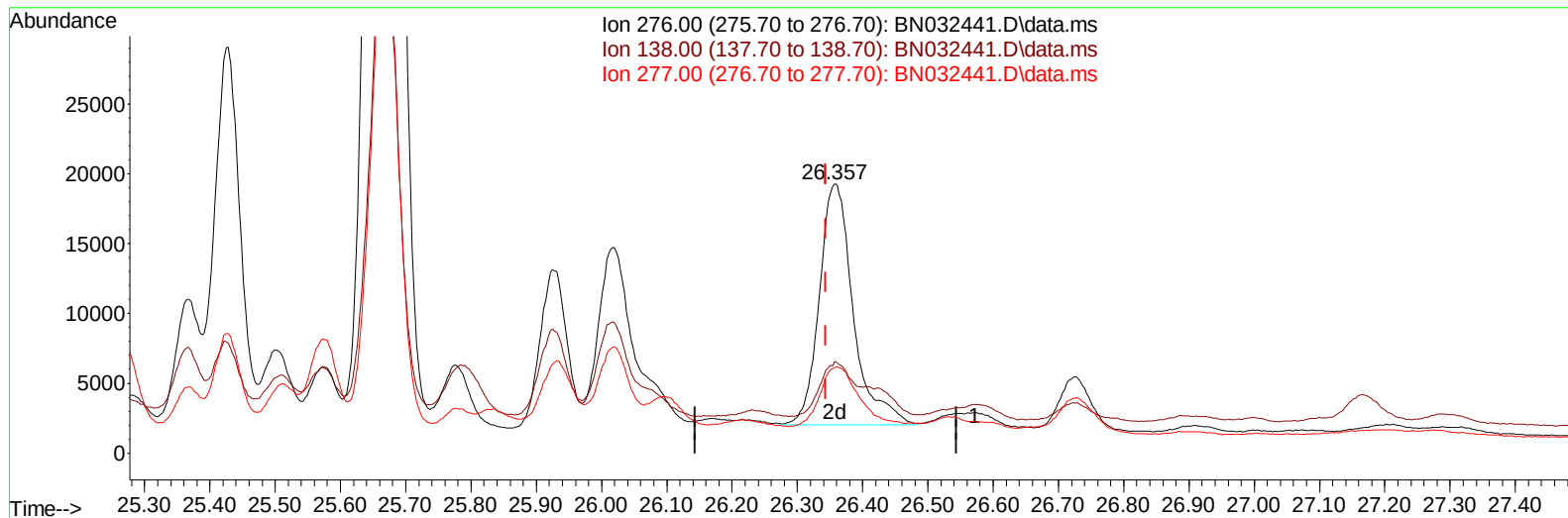
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS3

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:15 2024
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TIC: BN032441.D\data.ms

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

26.357min (+ 0.013) 0.96 ng/ul m

response 62742

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	34.06#
277.00	24.70	31.64#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032441.D
 Acq On : 03 Jul 2024 18:10
 Operator : MA/JU
 Sample : P2963-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS3

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	5342	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	16903	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	10933	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	22501m	0.400	ng/ul	0.00
17) Chrysene-d12	21.212	240	12338m	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	17402m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	28433	4.788	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	8482	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	17478m	0.471	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.420	128	87961	1.966	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	34675	1.170	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	19556	0.636	ng/ul	100
10) Acenaphthylene	13.966	152	129936	2.858	ng/ul	99
11) Acenaphthene	14.309	153	32670	0.926	ng/ul	98
12) Fluorene	15.303	166	44217	1.052	ng/ul#	99
14) Pentachlorophenol	16.666	266	994m	0.195	ng/ul	
15) Phenanthrene	17.046	178	932919m	15.123	ng/ul	
16) Anthracene	17.134	178	220311m	4.004	ng/ul	
19) Fluoranthene	19.073	202	1603194m	34.123	ng/ul	
20) Pyrene	19.436	202	1195932m	24.358	ng/ul	
21) Benzo(a)anthracene	21.194	228	692529m	15.551	ng/ul	
22) Chrysene	21.247	228	832334m	17.029	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	1054270m	13.944	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	393423m	5.356	ng/ul	
26) Benzo(a)pyrene	23.333	252	396881m	7.545	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.670	276	423107m	5.137	ng/ul	
28) Dibenzo(a,h)anthracene	25.670	278	160153m	2.617	ng/ul	
29) Benzo(g,h,i)perylene	26.357	276	62742m	0.956	ng/ul	

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

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Sample : P2963-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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