

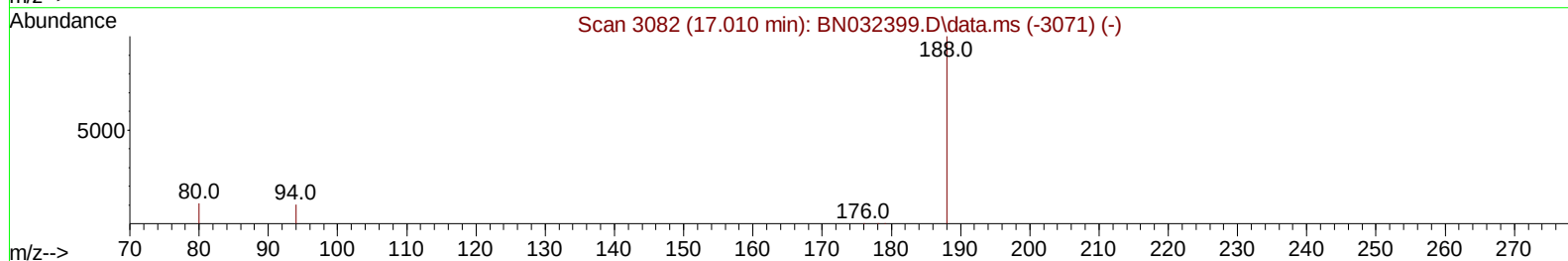
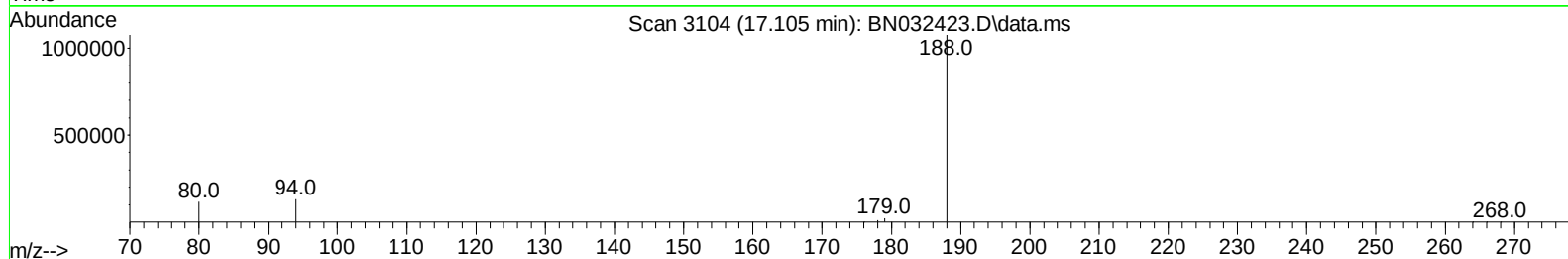
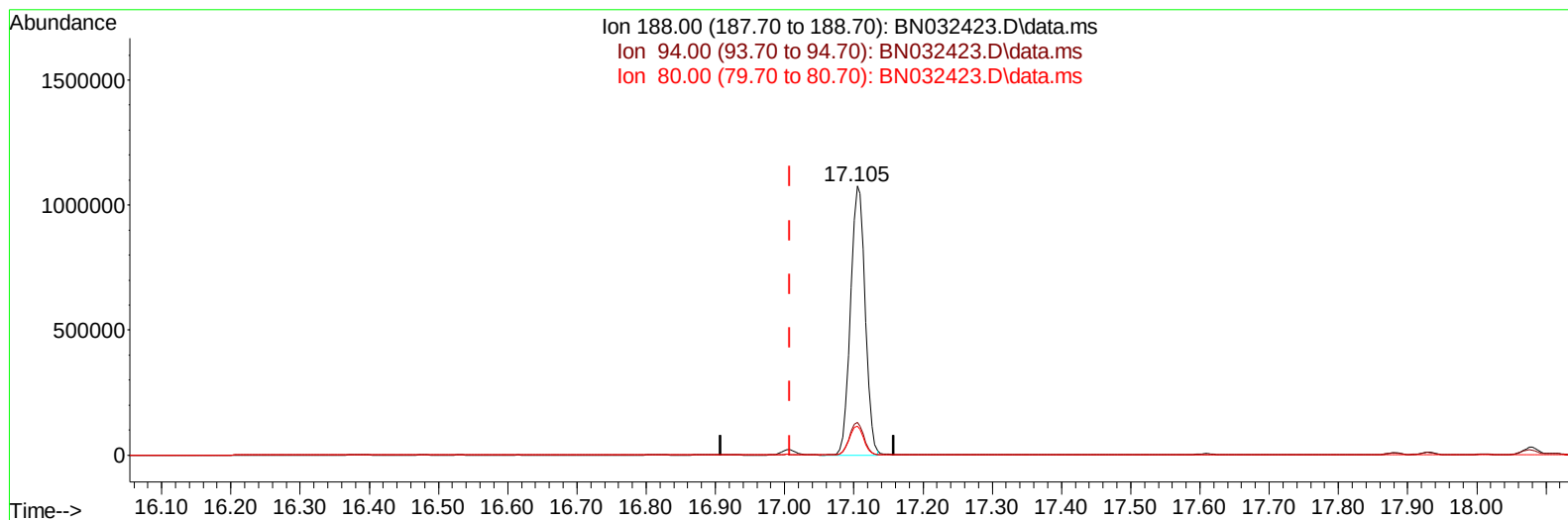
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.097) 0.40 ng/ul

response 1575505

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.26#
80.00	10.50	10.83
0.00	0.00	0.00

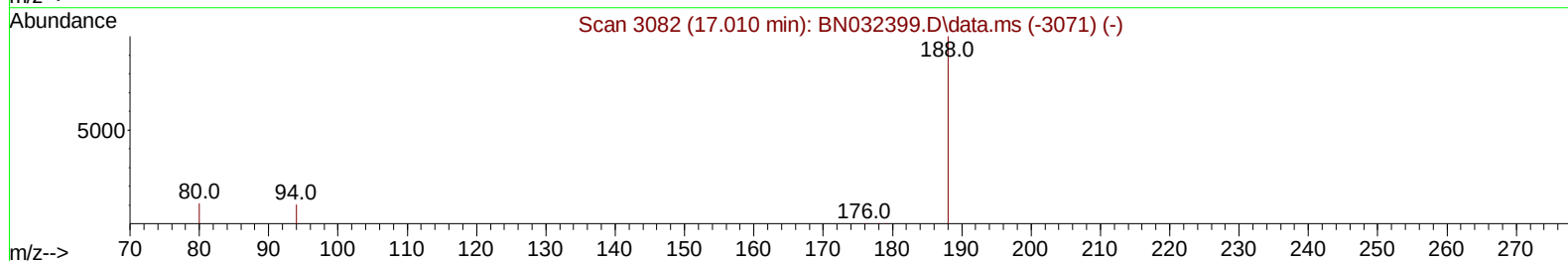
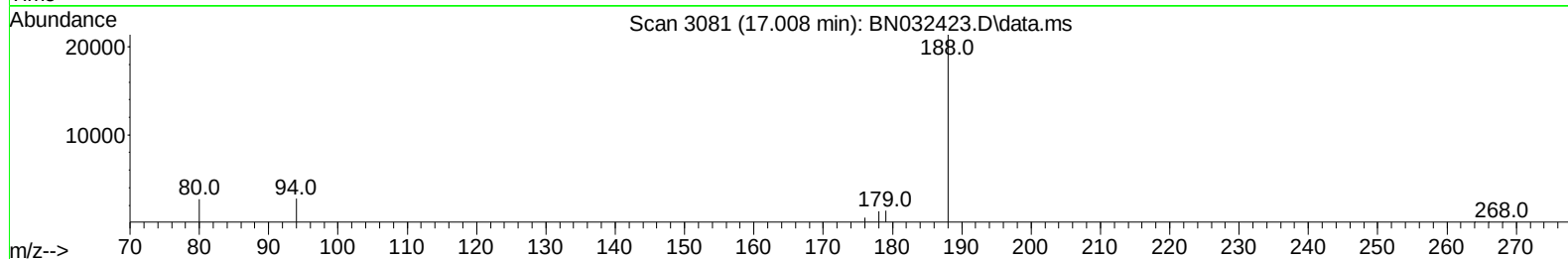
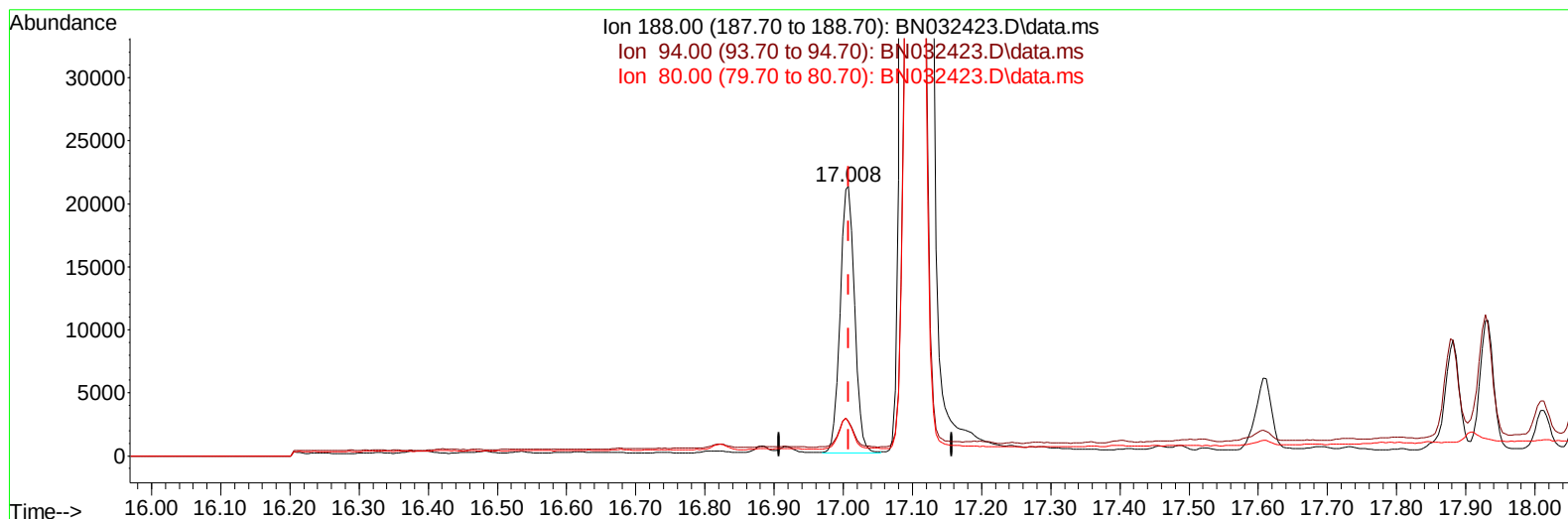
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032423.D
 Acq On : 03 Jul 2024 05:10
 Operator : MA/JU
 Sample : P2963-07
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 2024
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 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(13) Phenanthrene-d10 (I)

17.008min (+ 0.000) 0.40 ng/ul m

response 30577

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.87#
80.00	10.50	12.58
0.00	0.00	0.00

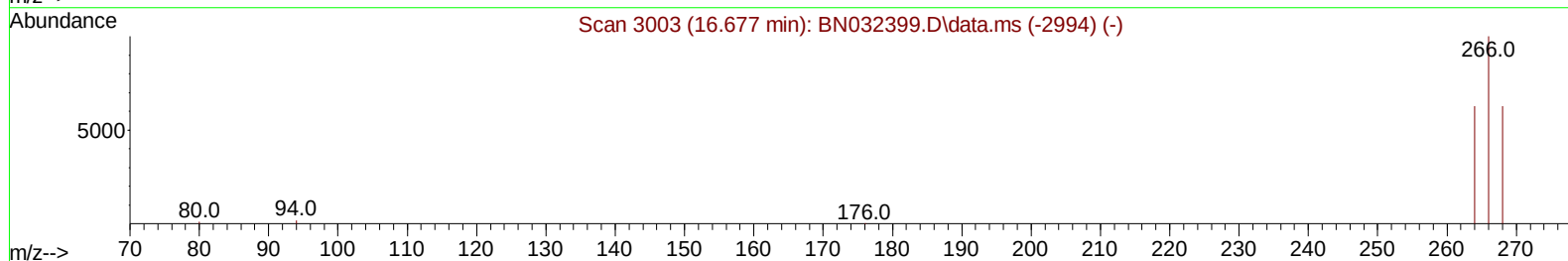
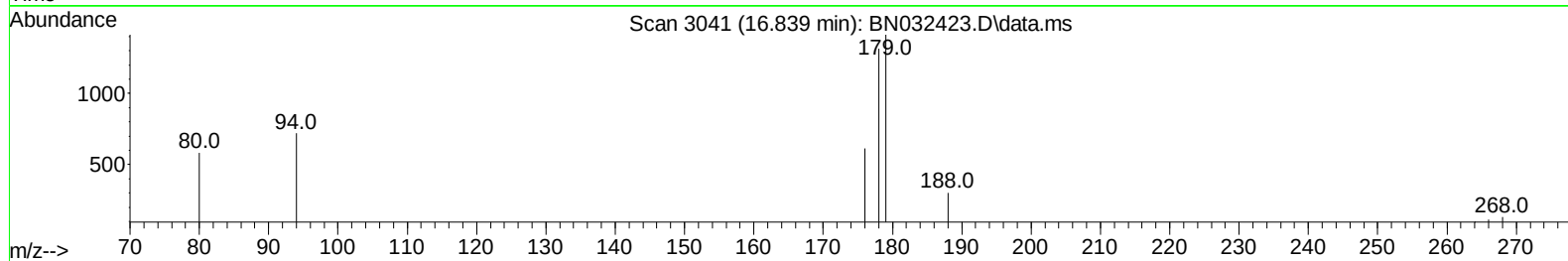
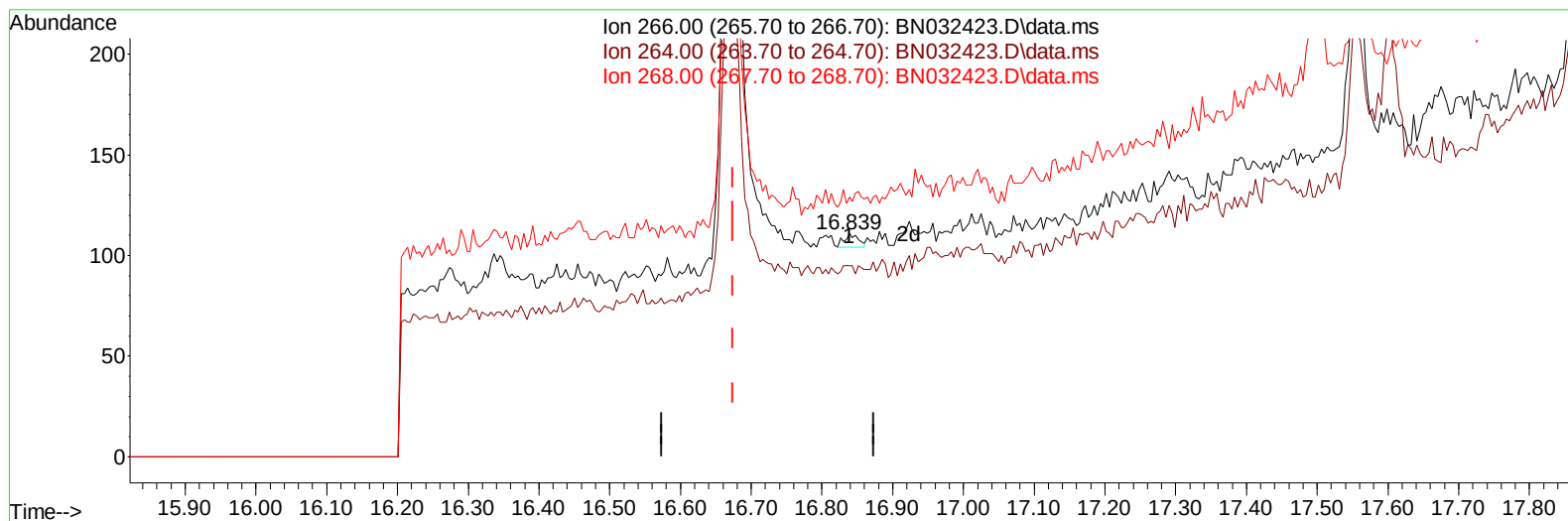
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
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TIC: BN032423.D\data.ms

(14) Pentachlorophenol

16.839min (+ 0.165) 0.00 ng/u1

response 10

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	0.00#
268.00	65.50	60.00
0.00	0.00	0.00

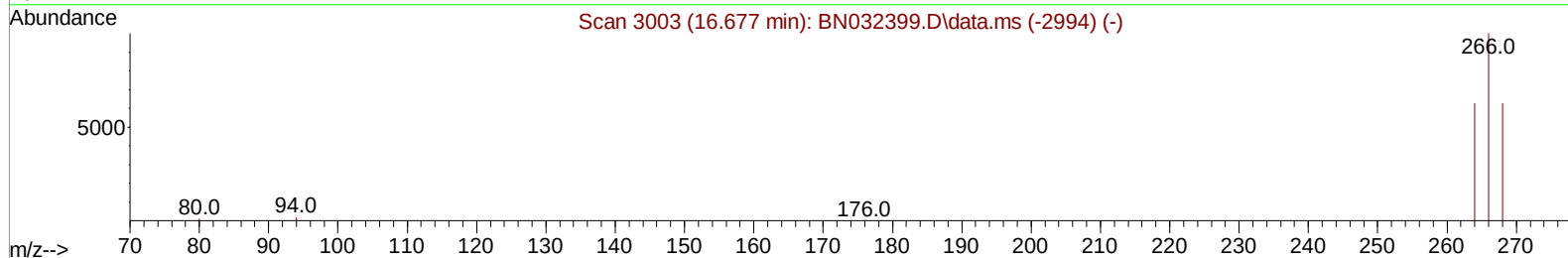
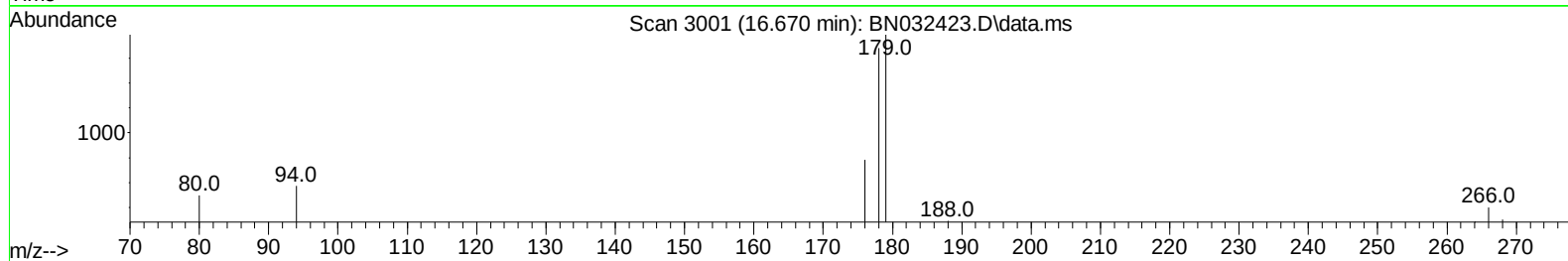
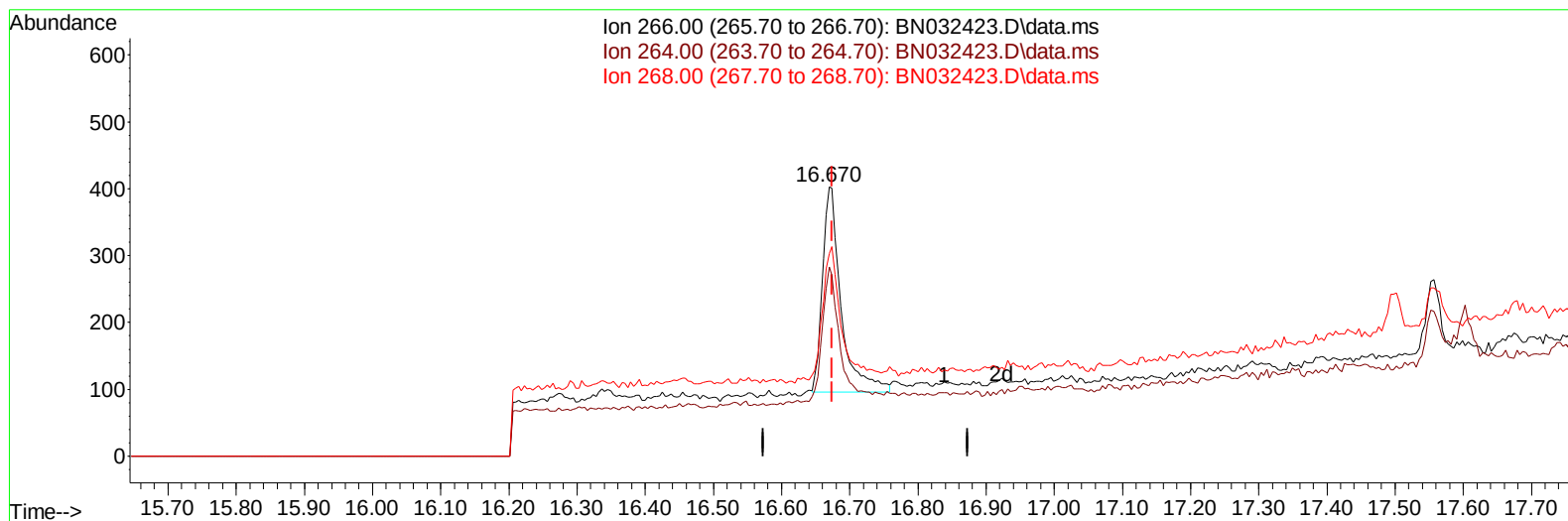
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032423.D
 Acq On : 03 Jul 2024 05:10
 Operator : MA/JU
 Sample : P2963-07
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(14) Pentachlorophenol

16.670min (-0.004) 0.08 ng/ul m

response 580

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	0.00#
268.00	65.50	1.03#
0.00	0.00	0.00

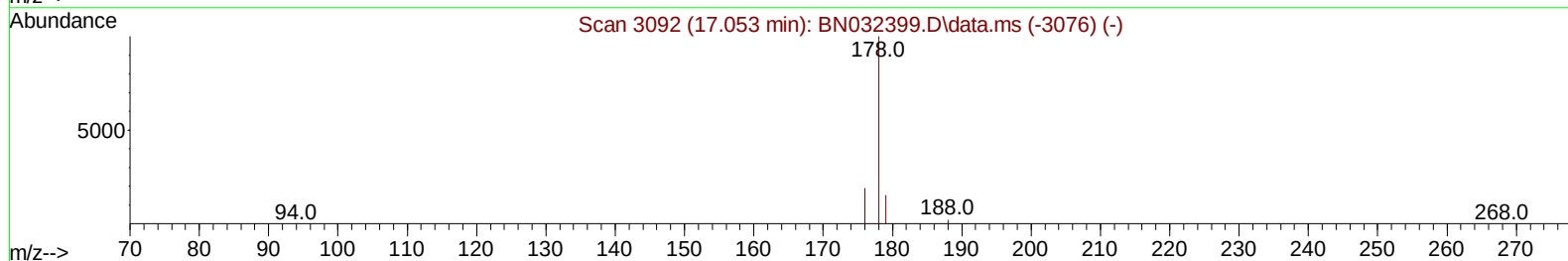
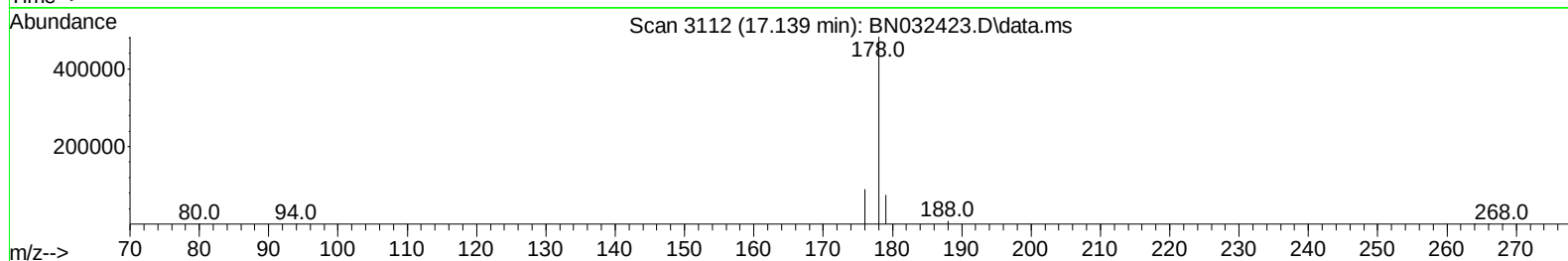
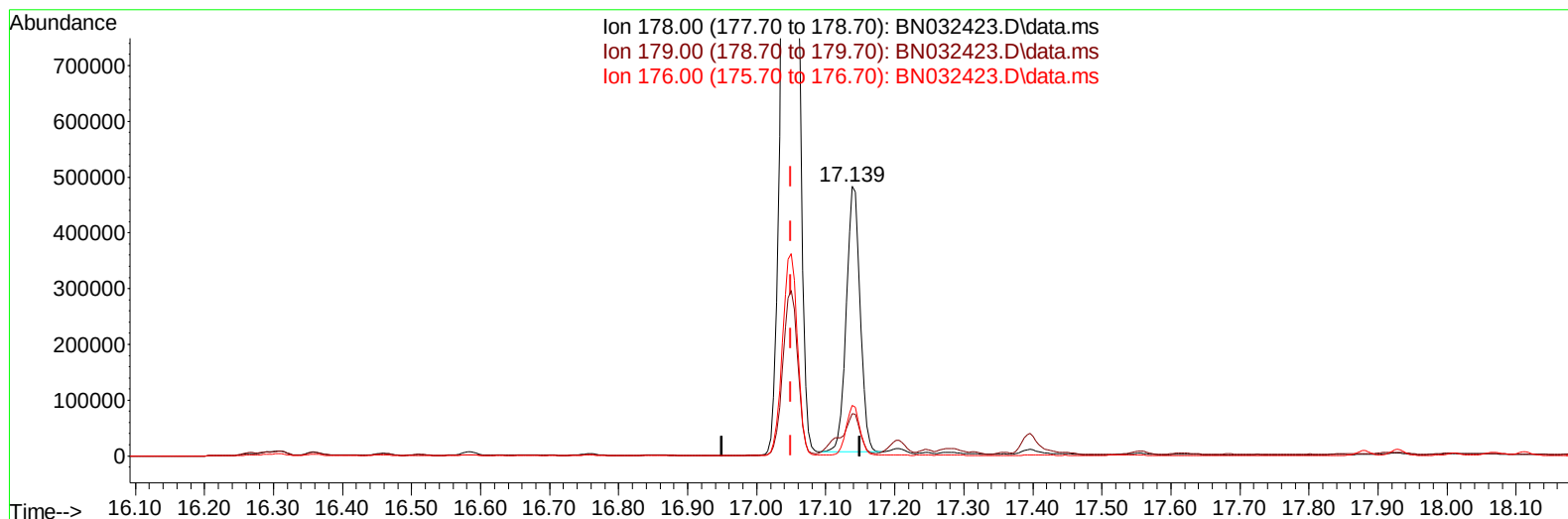
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 2024
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TIC: BN032423.D\data.ms

(15) Phenanthrene

17.139min (+ 0.089) 7.95 ng/u1

response 666495

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.78
176.00	19.50	18.82
0.00	0.00	0.00

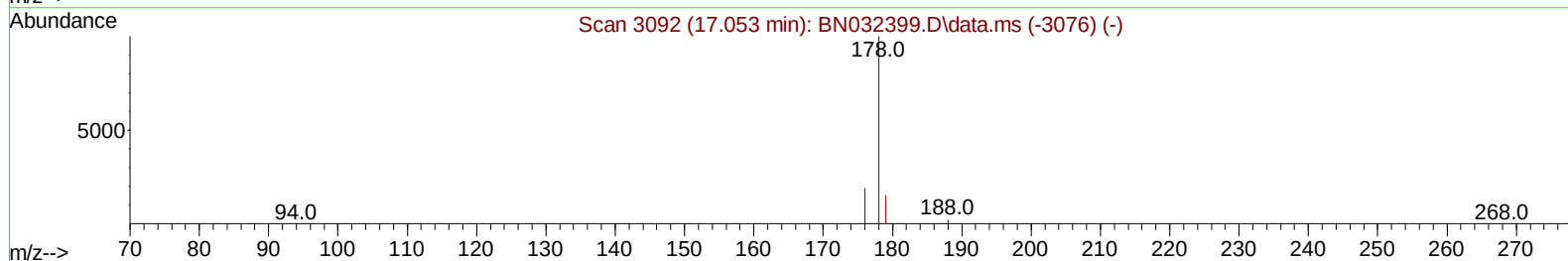
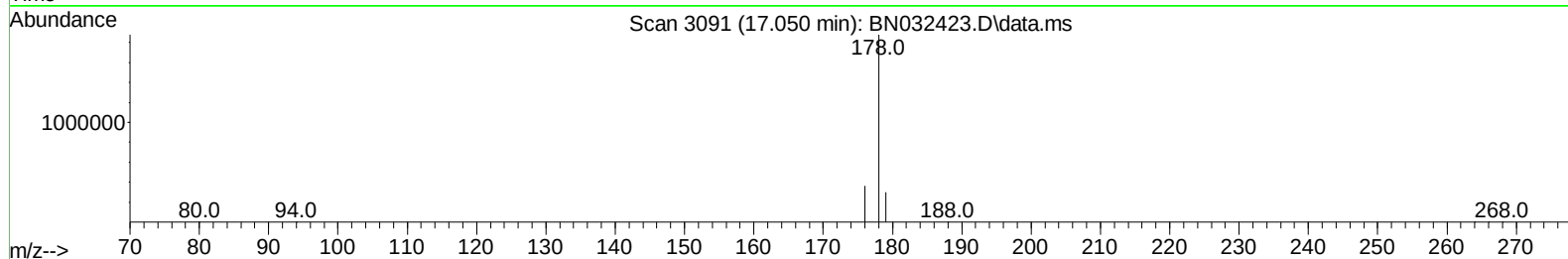
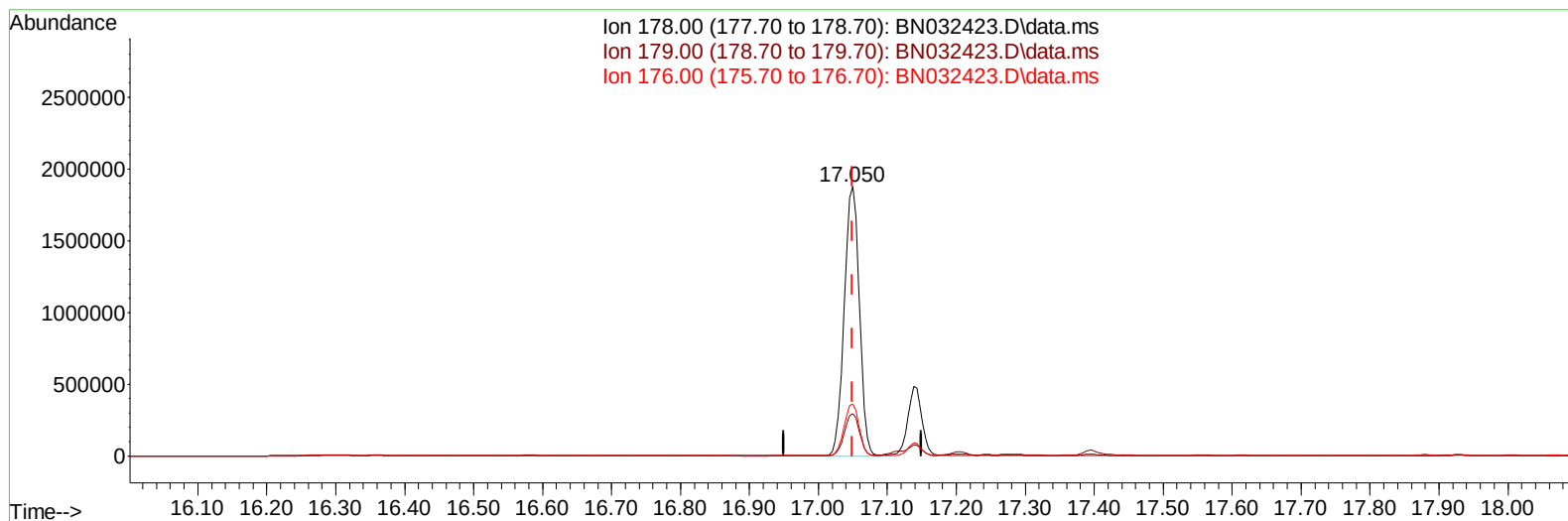
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(15) Phenanthrene

17.050min (+ 0.000) 34.04 ng/ul m

response 2853303

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.81
176.00	19.50	19.31
0.00	0.00	0.00

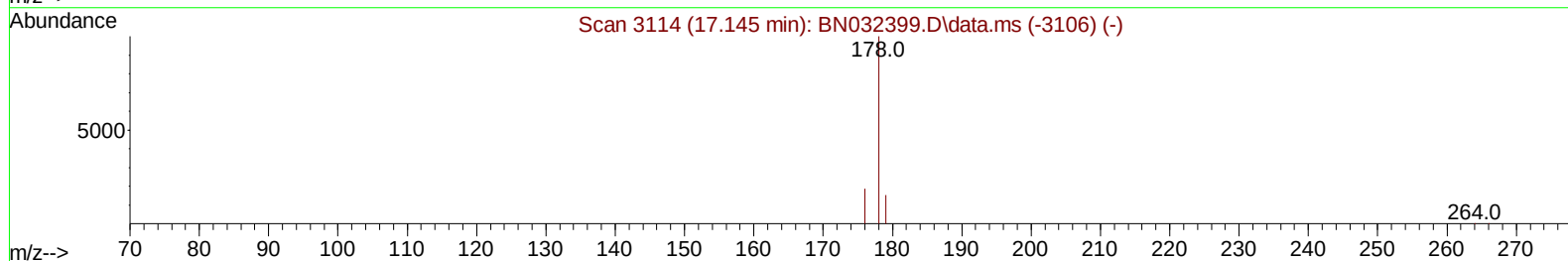
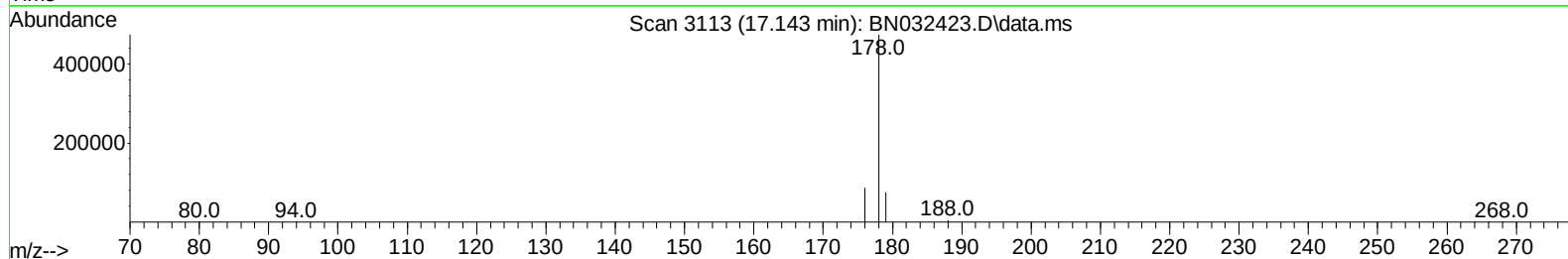
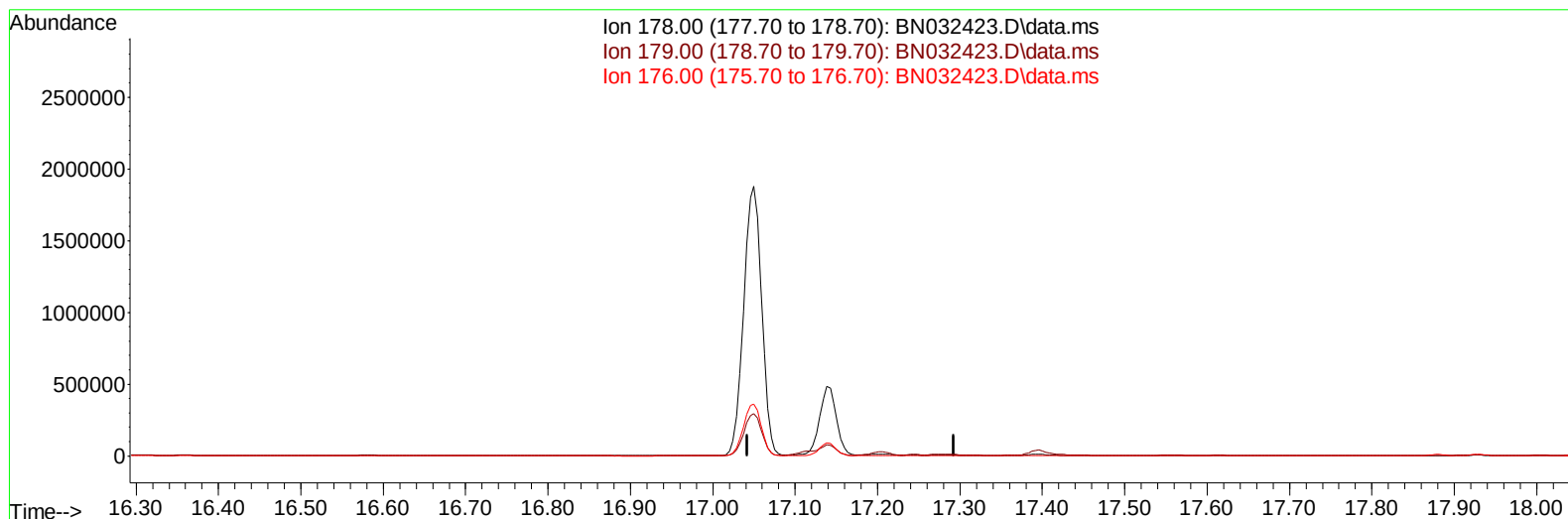
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(16) Anthracene

17.143min (-17.143) 0.00 ng/ul

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

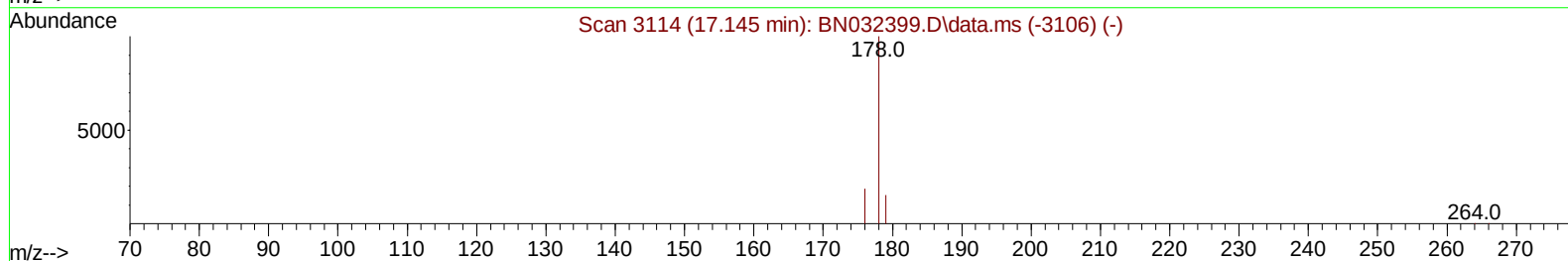
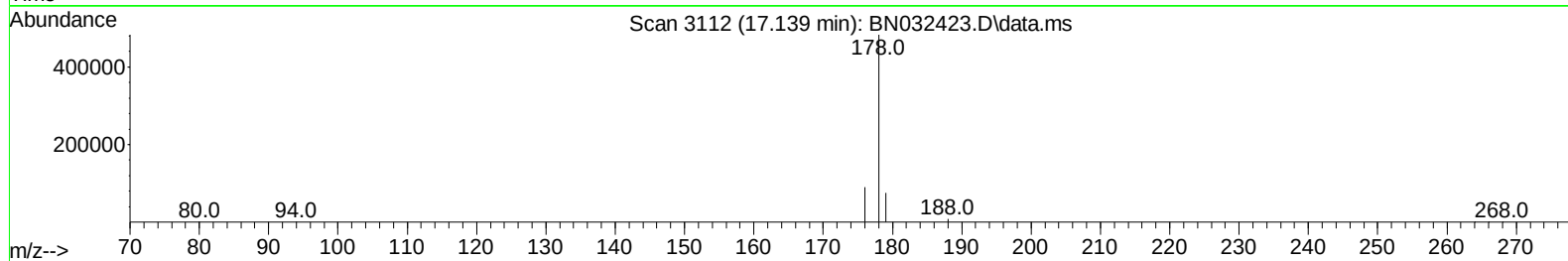
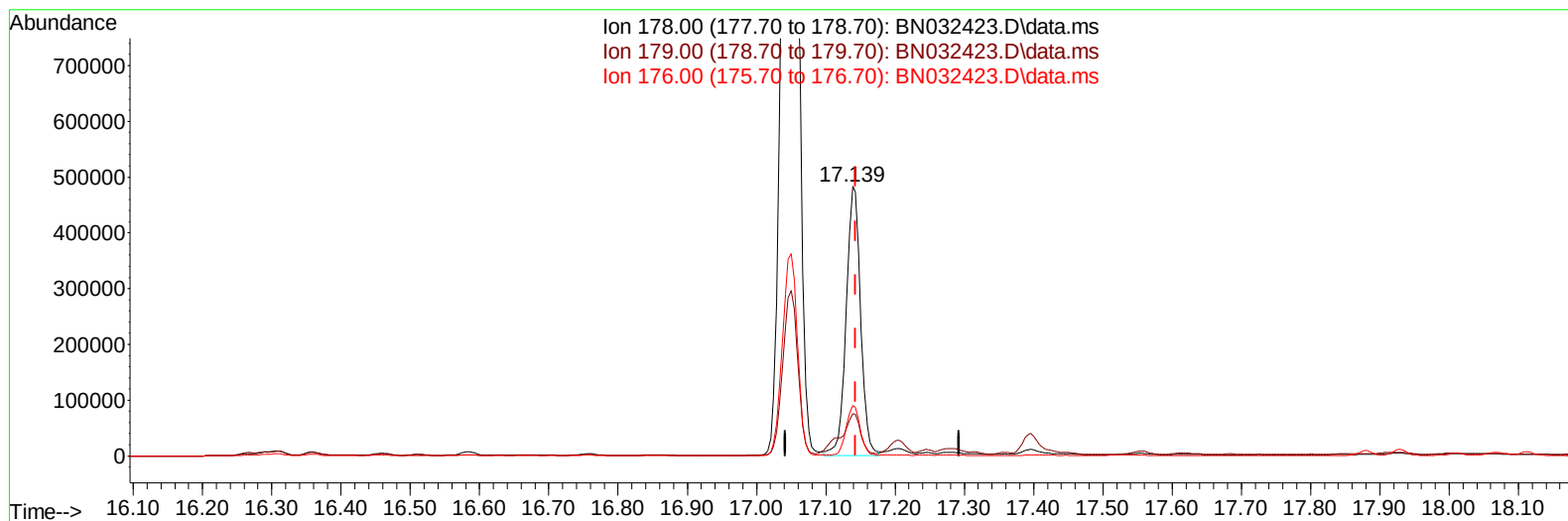
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(16) Anthracene

17.139min (-0.004) 9.33 ng/ul m

response 697579

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.78
176.00	18.80	18.82
0.00	0.00	0.00

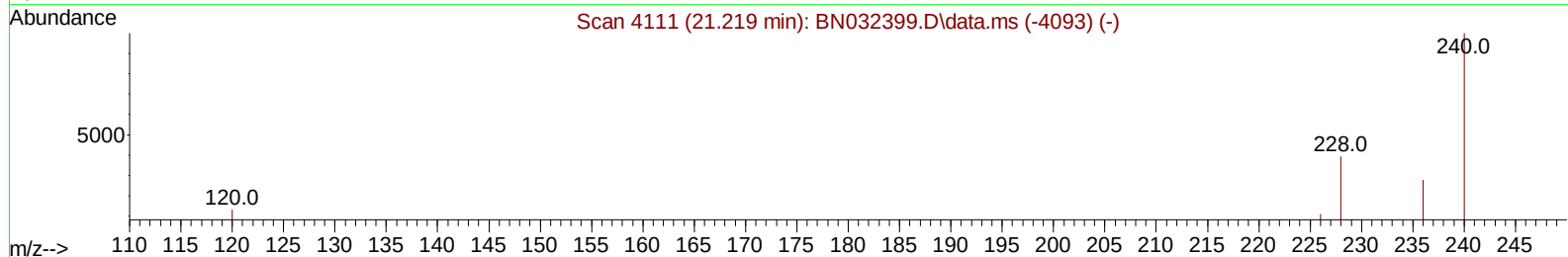
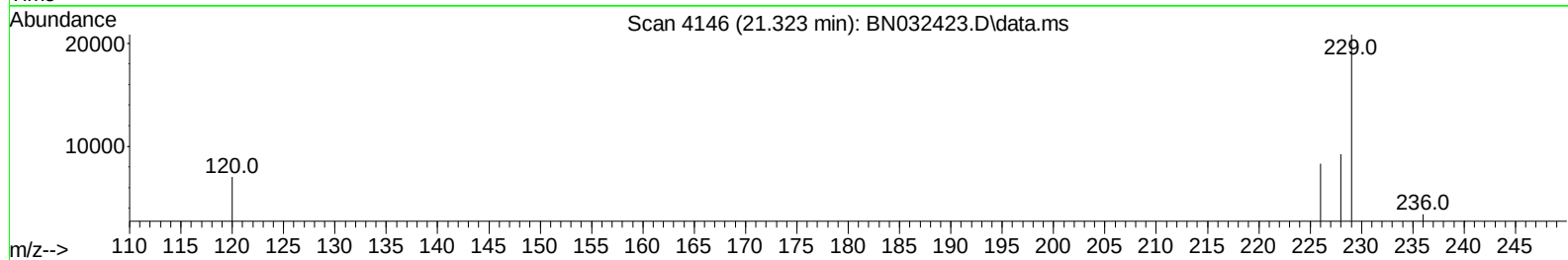
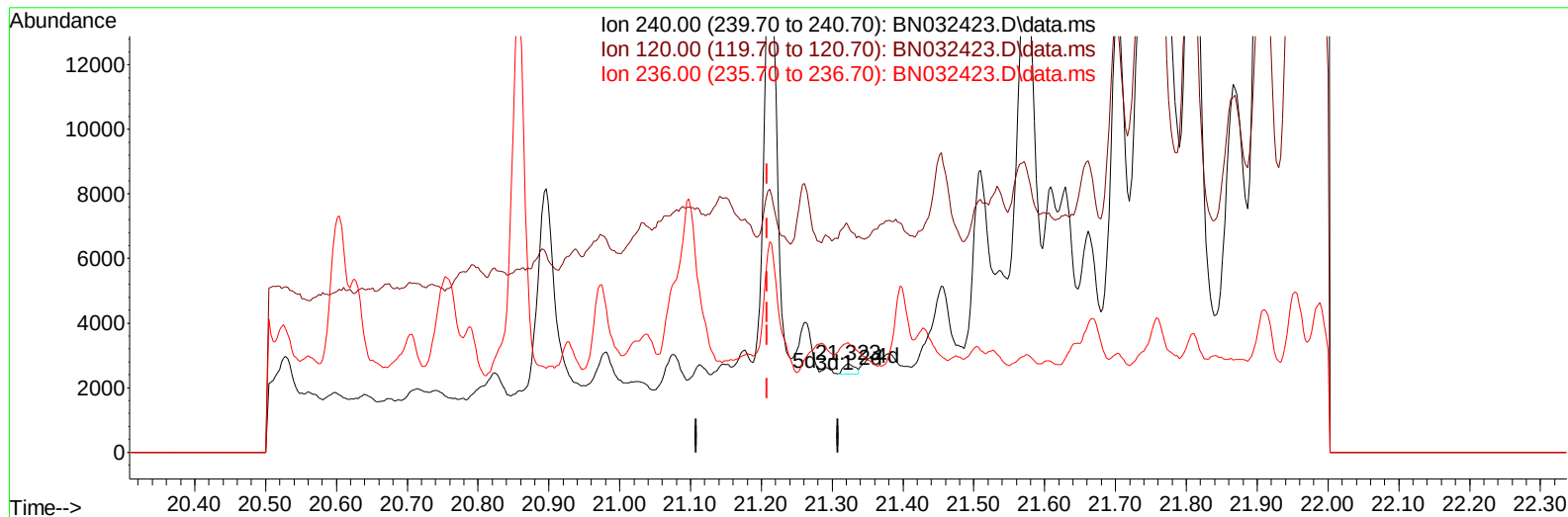
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 2024
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TIC: BN032423.D\data.ms

(17) Chrysene-d12

21.323min (+ 0.114) 0.40 ng/u1

response 369

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	257.02#
236.00	28.40	124.94#
0.00	0.00	0.00

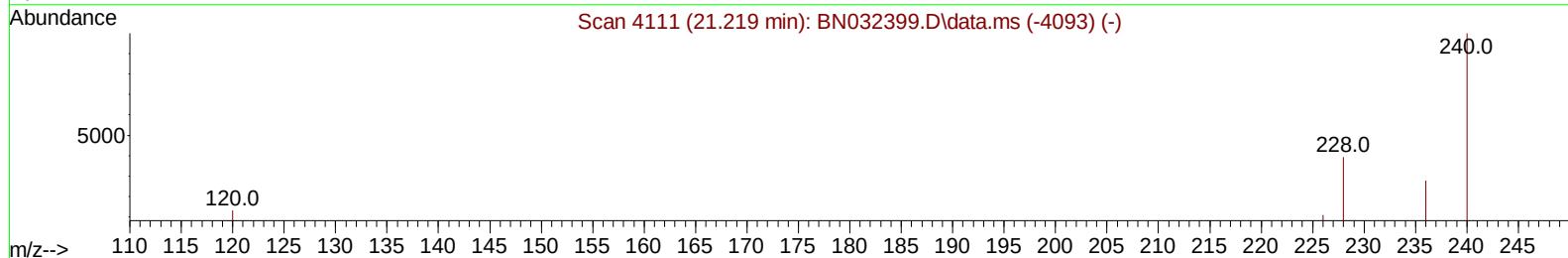
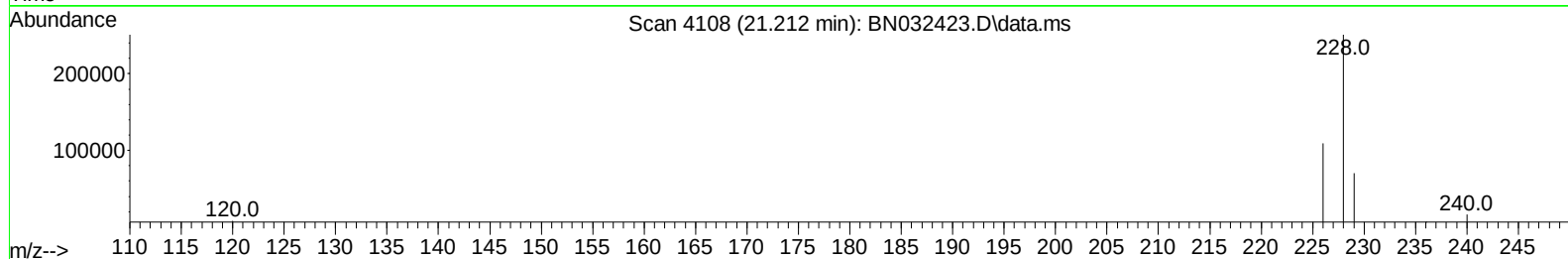
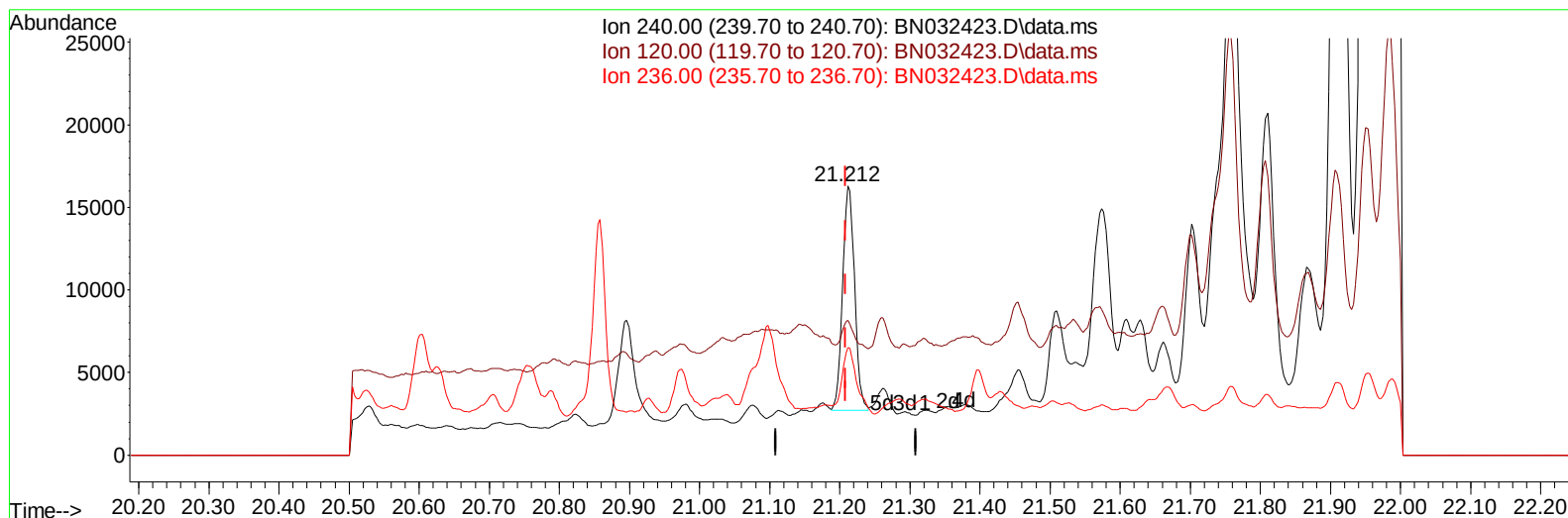
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(17) Chrysene-d12

21.212min (+ 0.003) 0.40 ng/ul m

response 16121

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	50.03#
236.00	28.40	39.99#
0.00	0.00	0.00

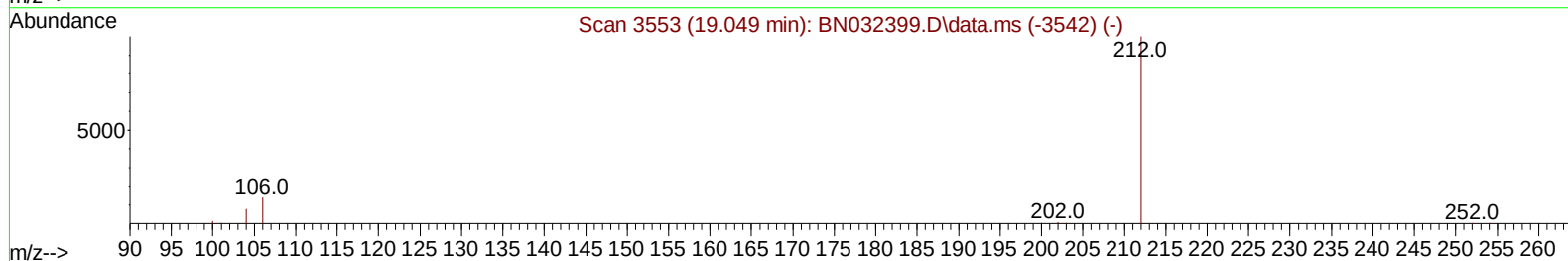
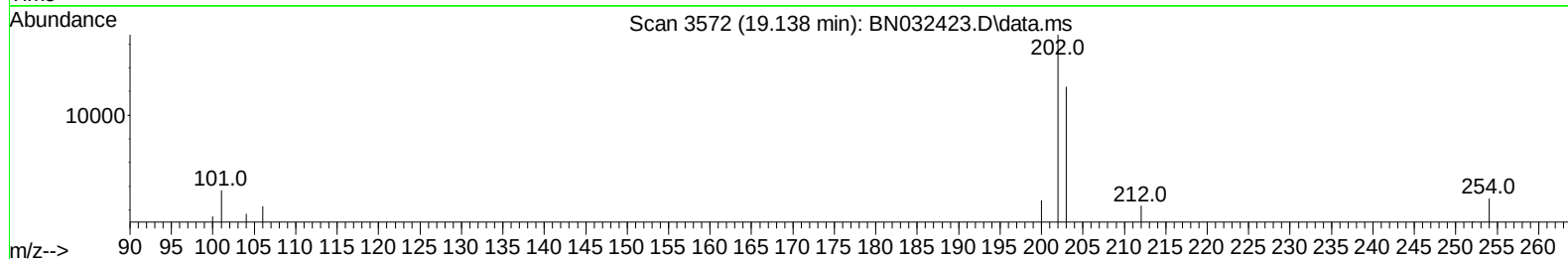
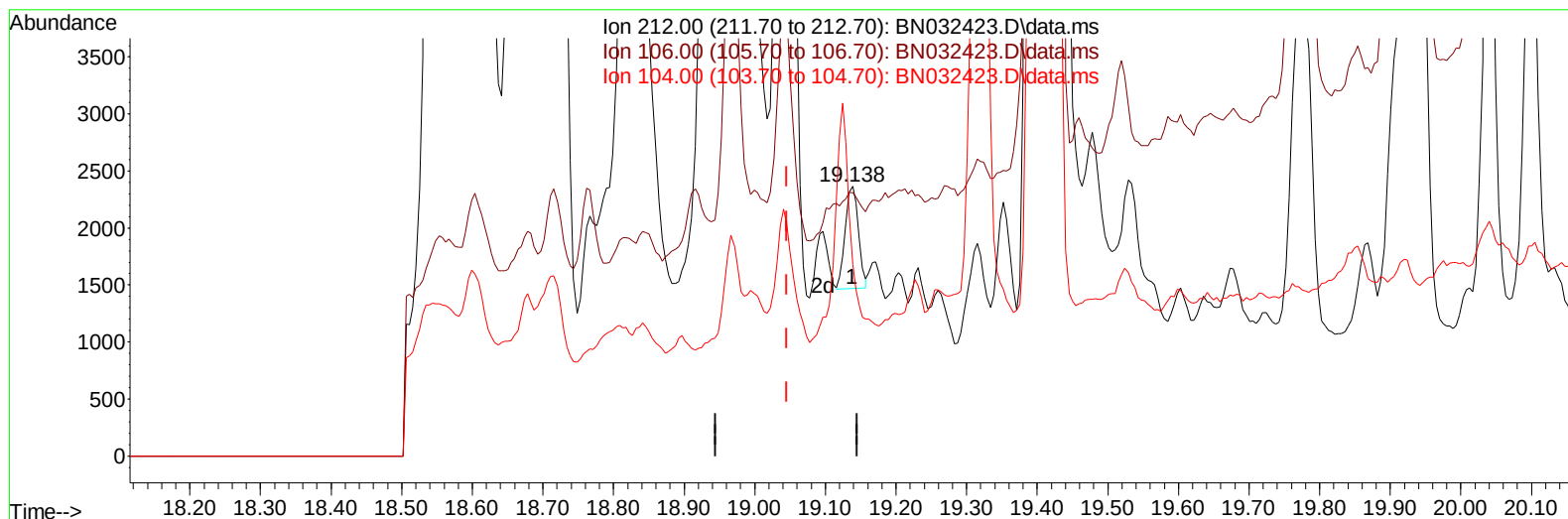
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 2024
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TIC: BN032423.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.138min (+ 0.093) 0.02 ng/u1

response 1155

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	111.52#
104.00	8.40	298.18#
0.00	0.00	0.00

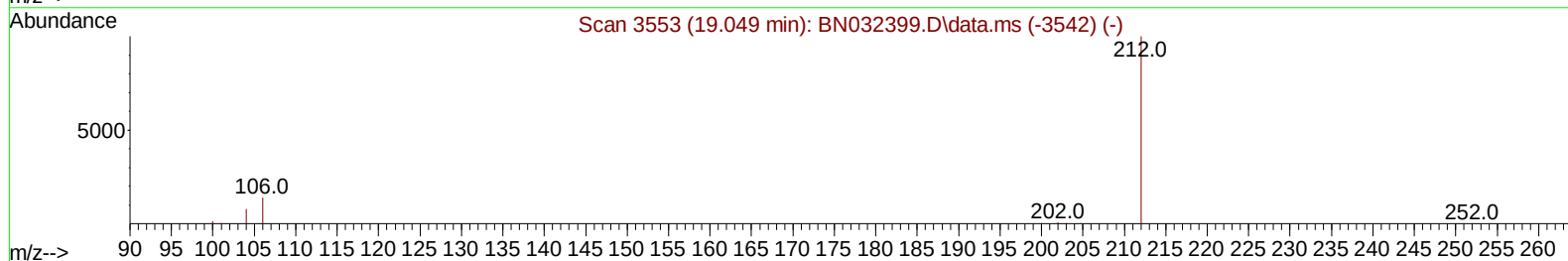
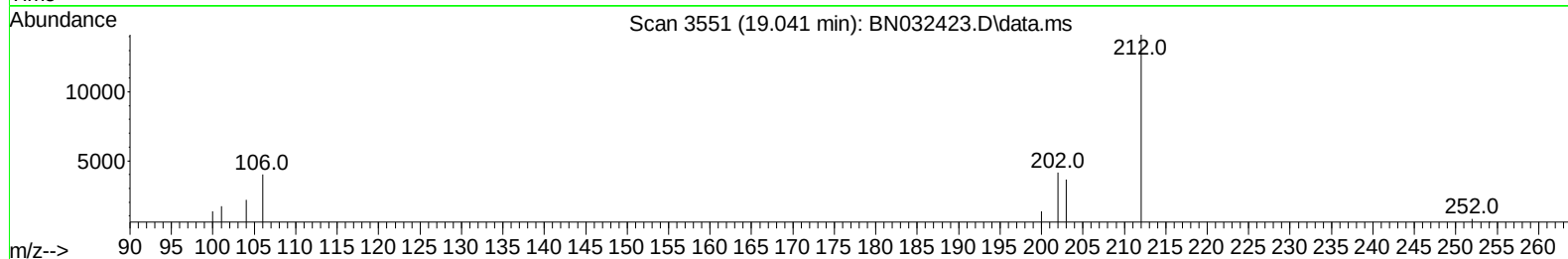
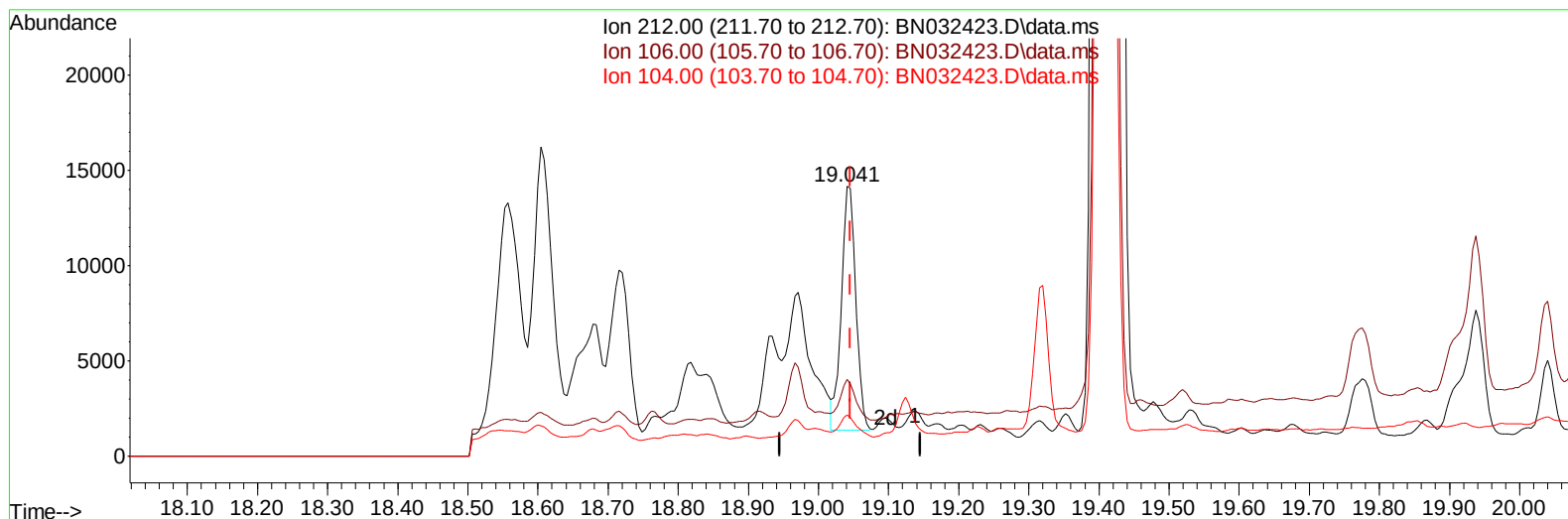
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.005) 0.38 ng/ul m

response 18362

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	7.01#
104.00	8.40	18.76#
0.00	0.00	0.00

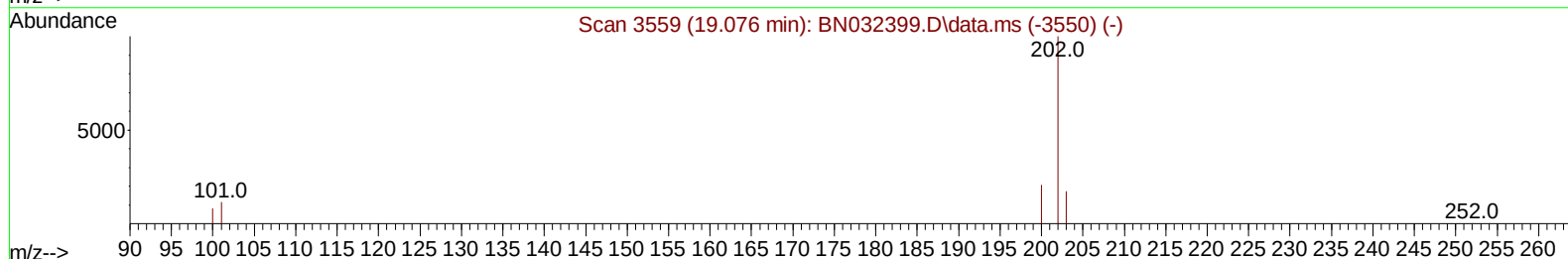
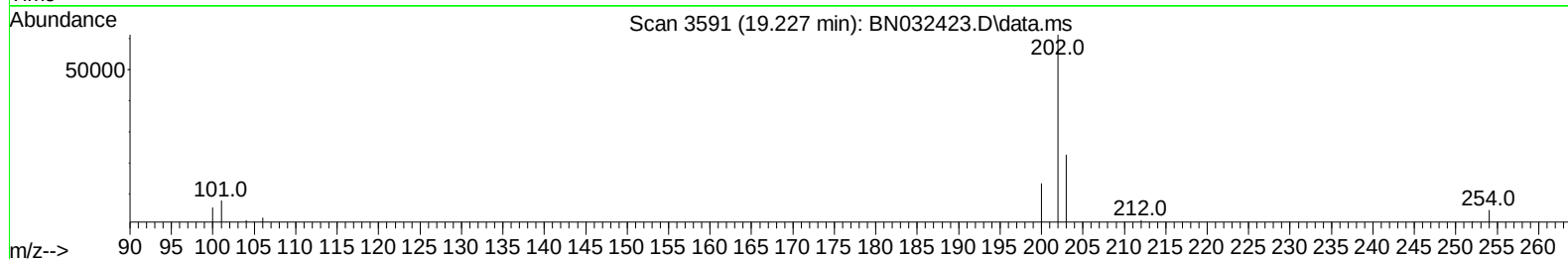
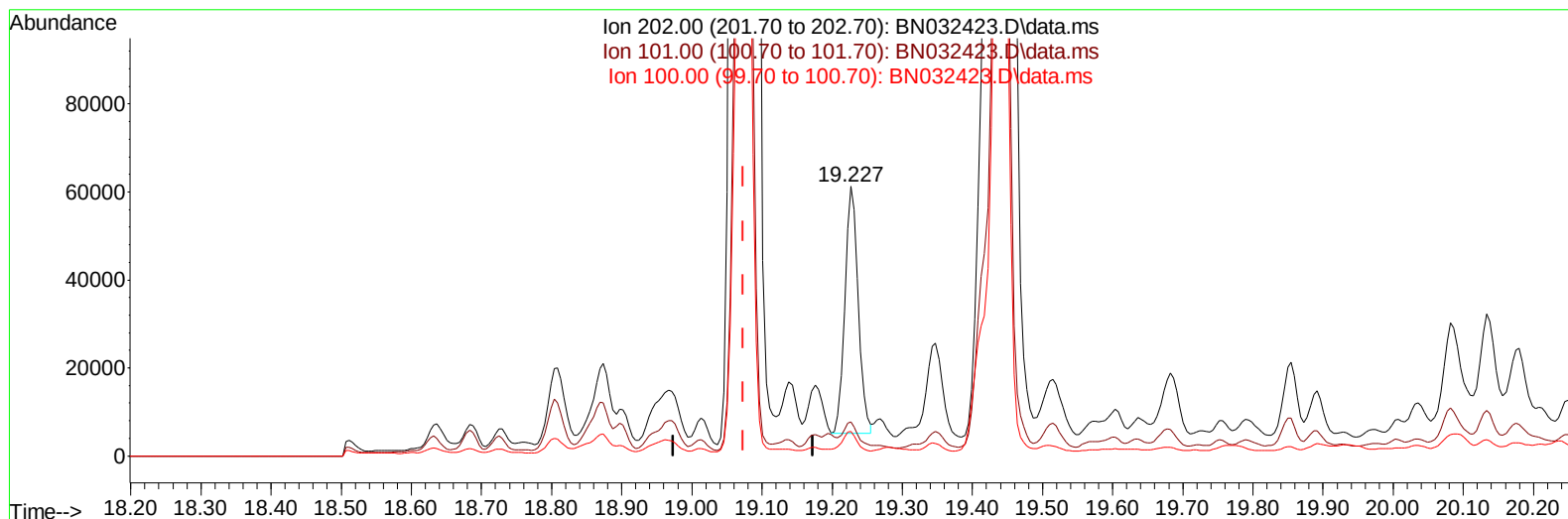
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 2024
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(19) Fluoranthene (C)

19.227min (+ 0.153) 1.21 ng/u1

response 74244

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	12.73
100.00	8.00	9.15
0.00	0.00	0.00

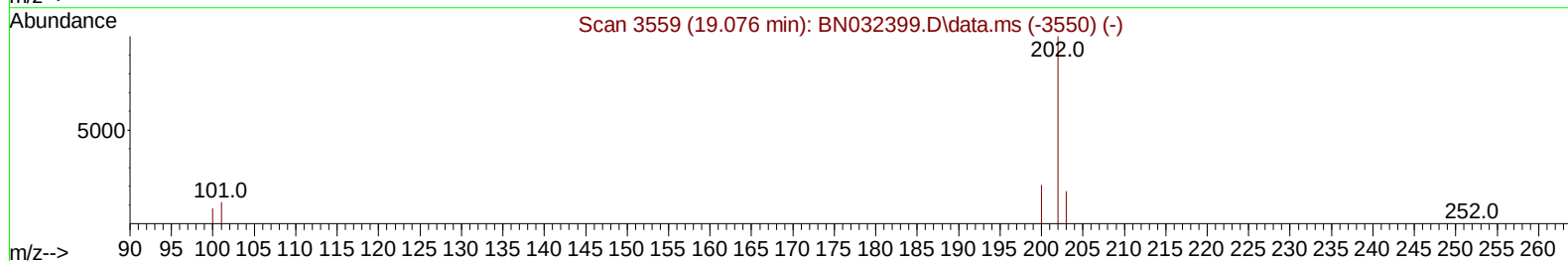
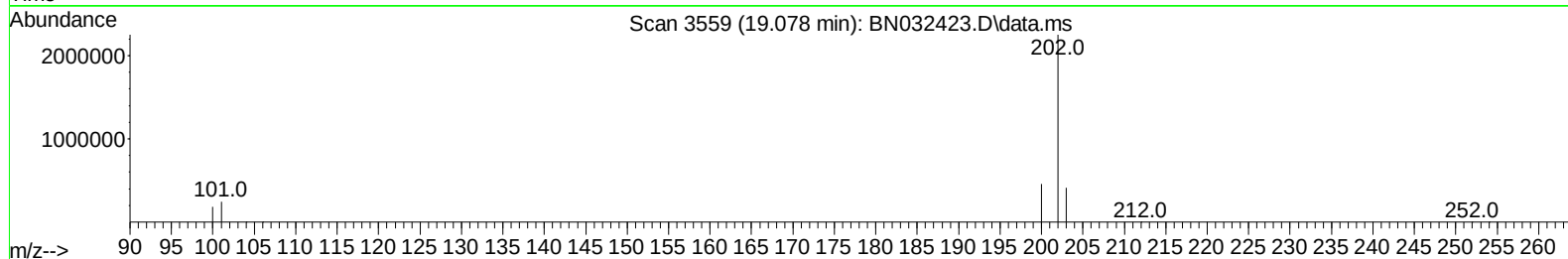
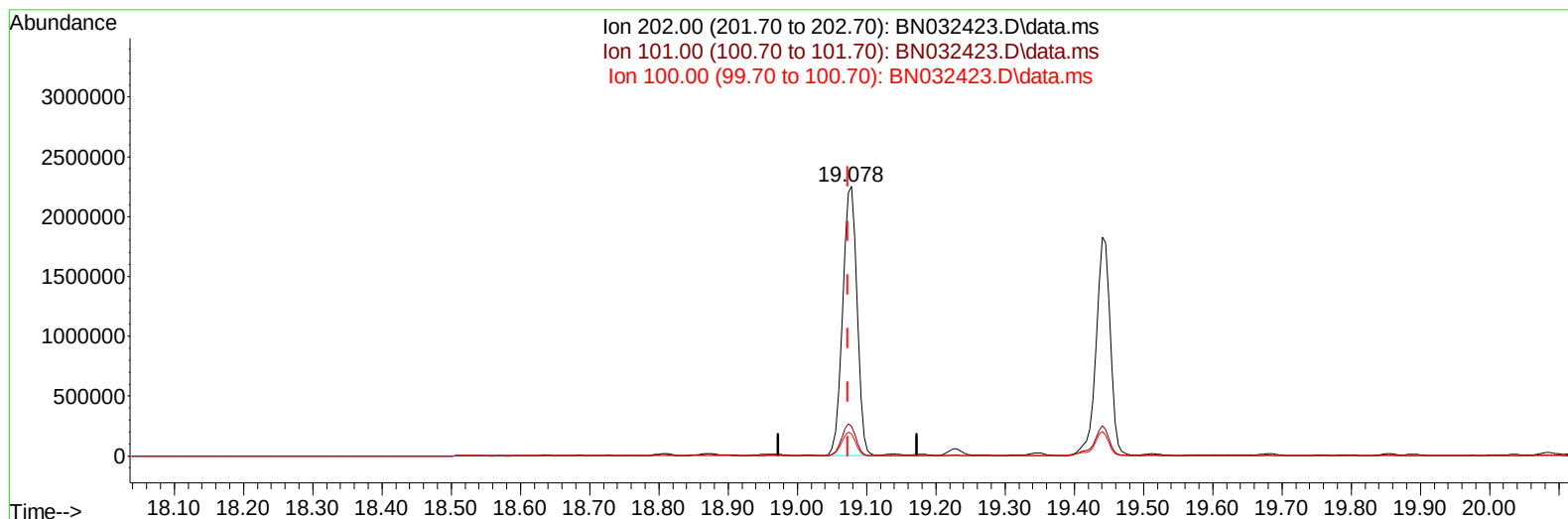
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(19) Fluoranthene (C)

19.078min (+ 0.005) 53.58 ng/ul m

response 3289209

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.00
100.00	8.00	8.11
0.00	0.00	0.00

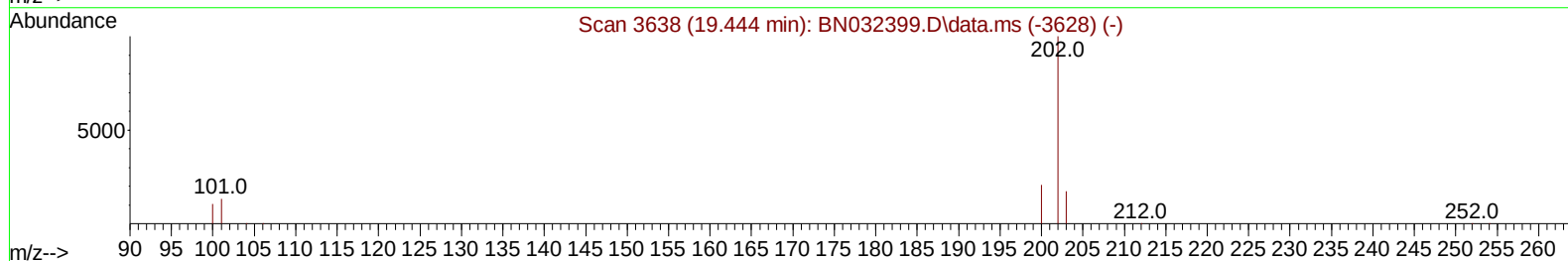
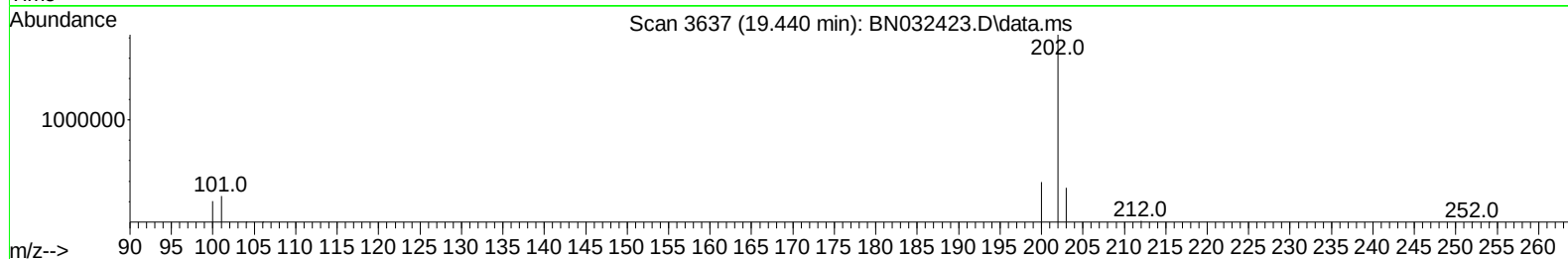
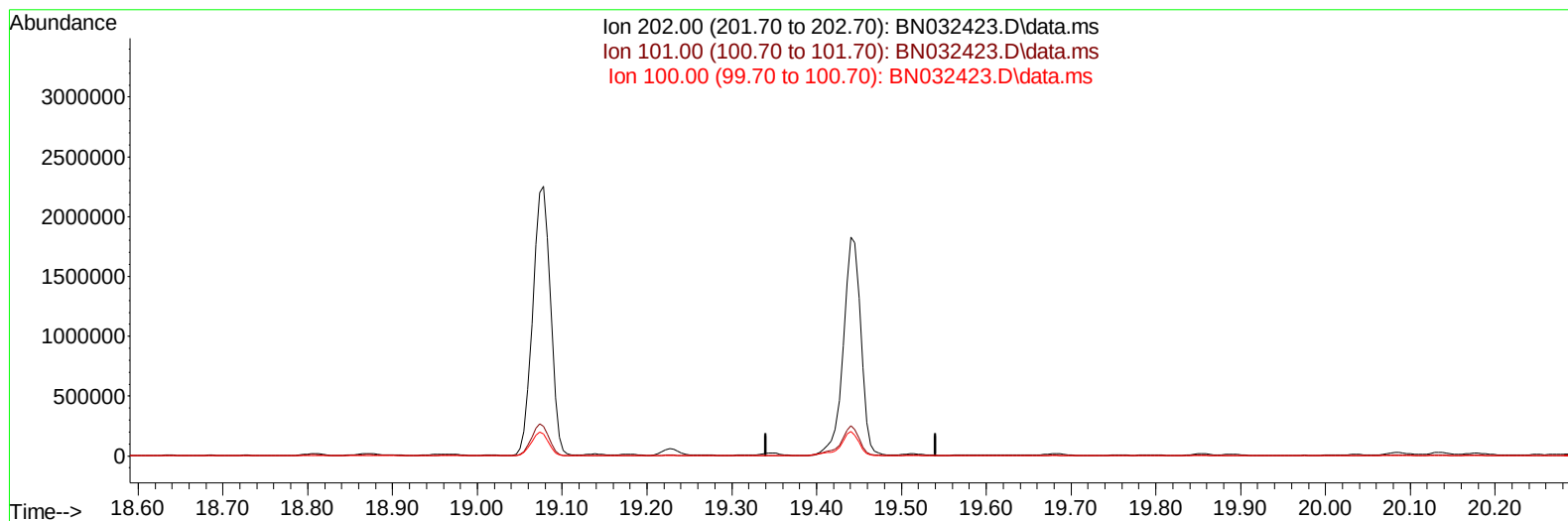
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.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

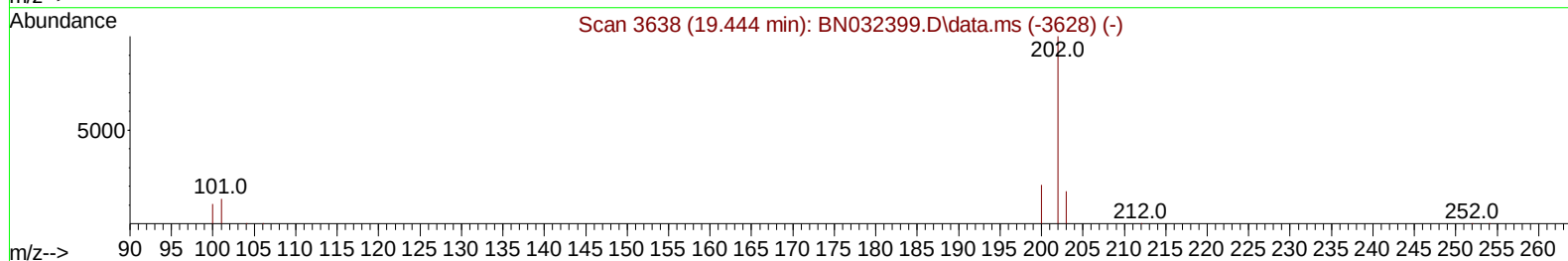
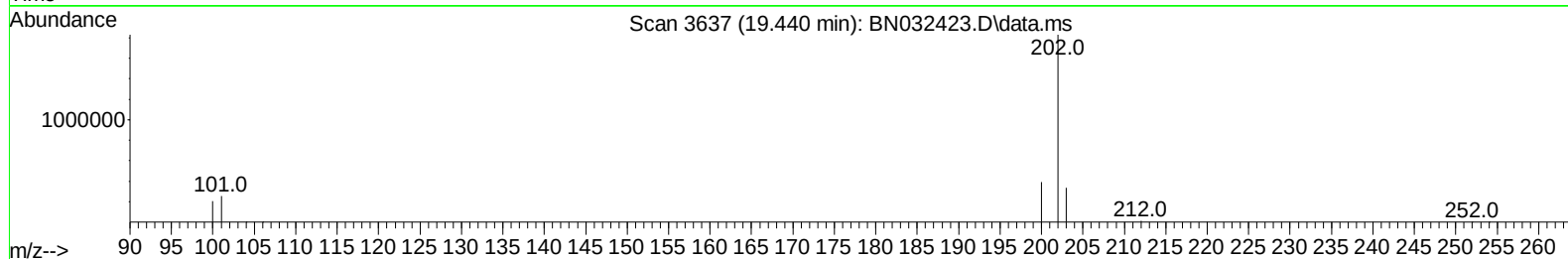
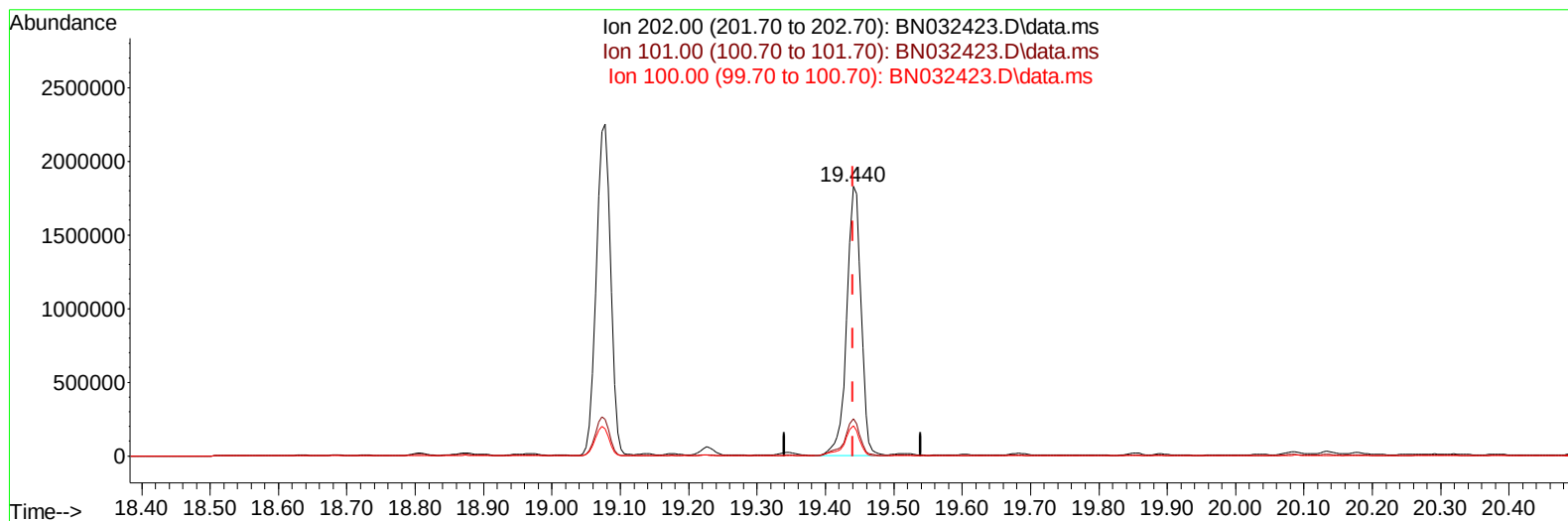
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(20) Pyrene

19.440min (+ 0.000) 41.16 ng/ul m

response 2640357

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.90
100.00	10.90	11.32
0.00	0.00	0.00

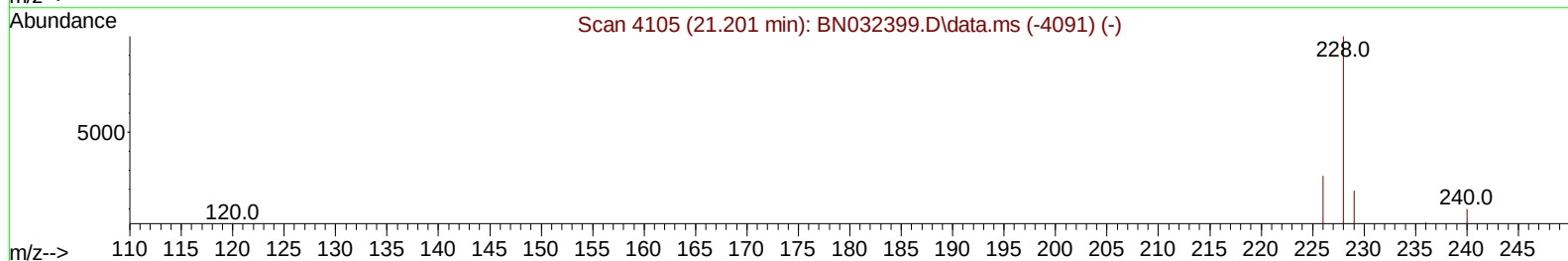
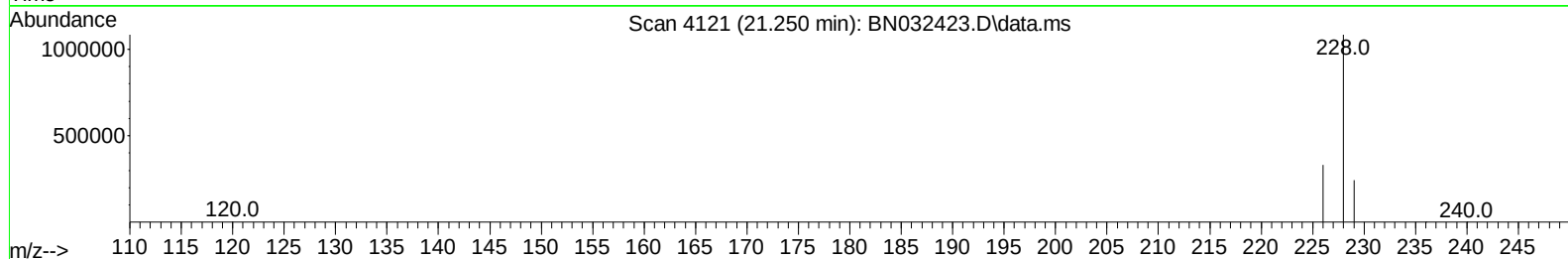
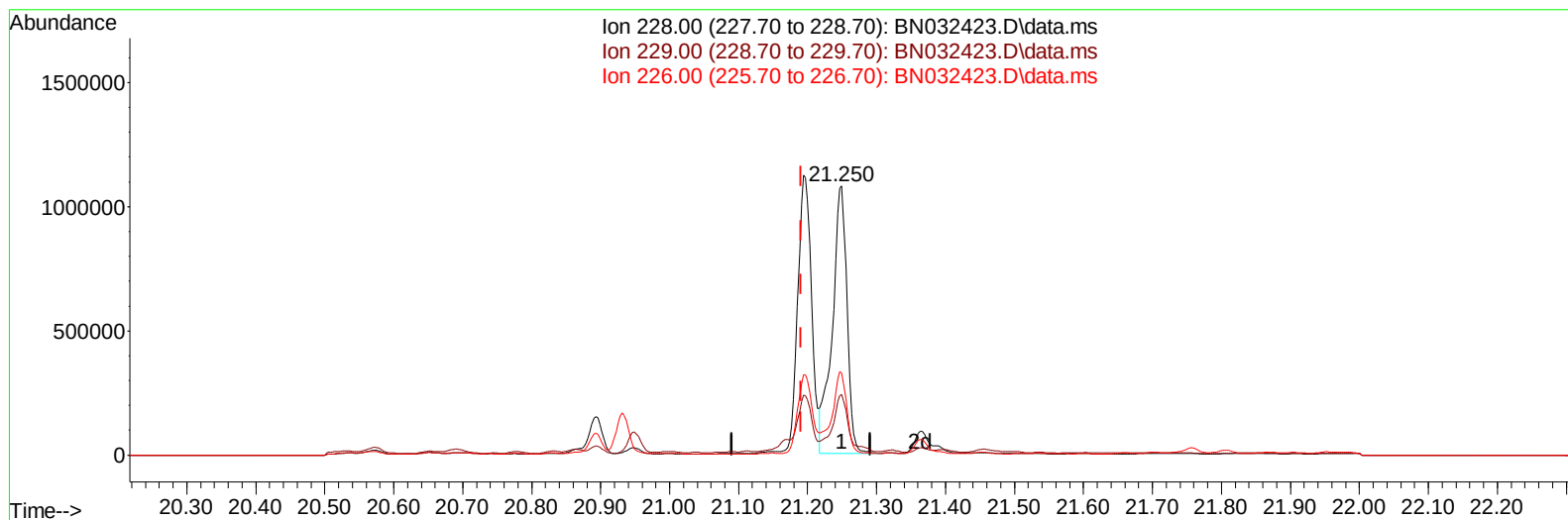
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032423.D
 Acq On : 03 Jul 2024 05:10
 Operator : MA/JU
 Sample : P2963-07
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(21) Benzo(a)anthracene

21.250min (+ 0.059) 27.44 ng/ul

response 1596807

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.57
226.00	27.30	30.51
0.00	0.00	0.00

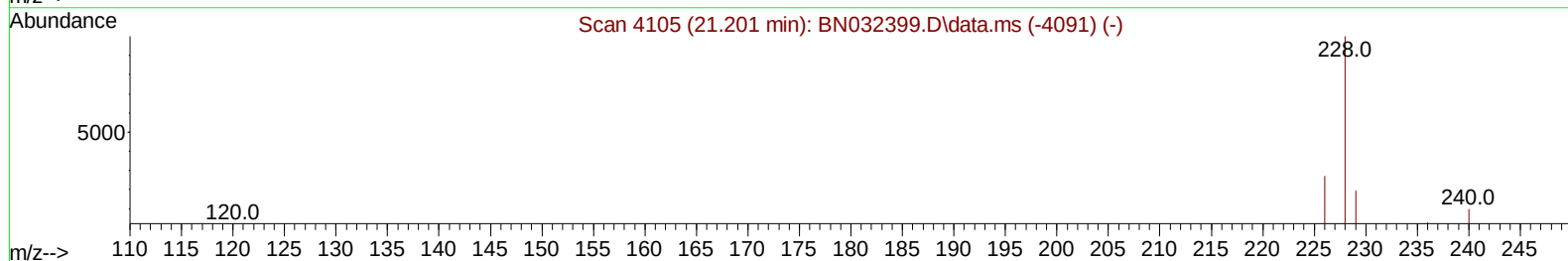
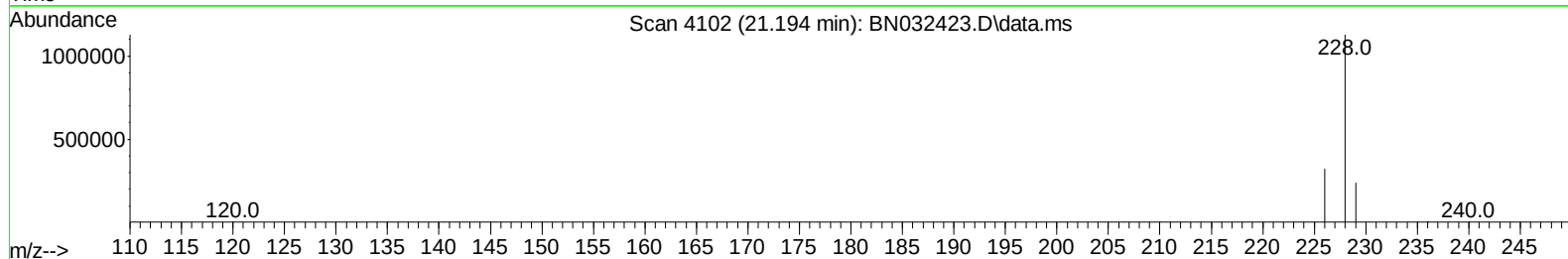
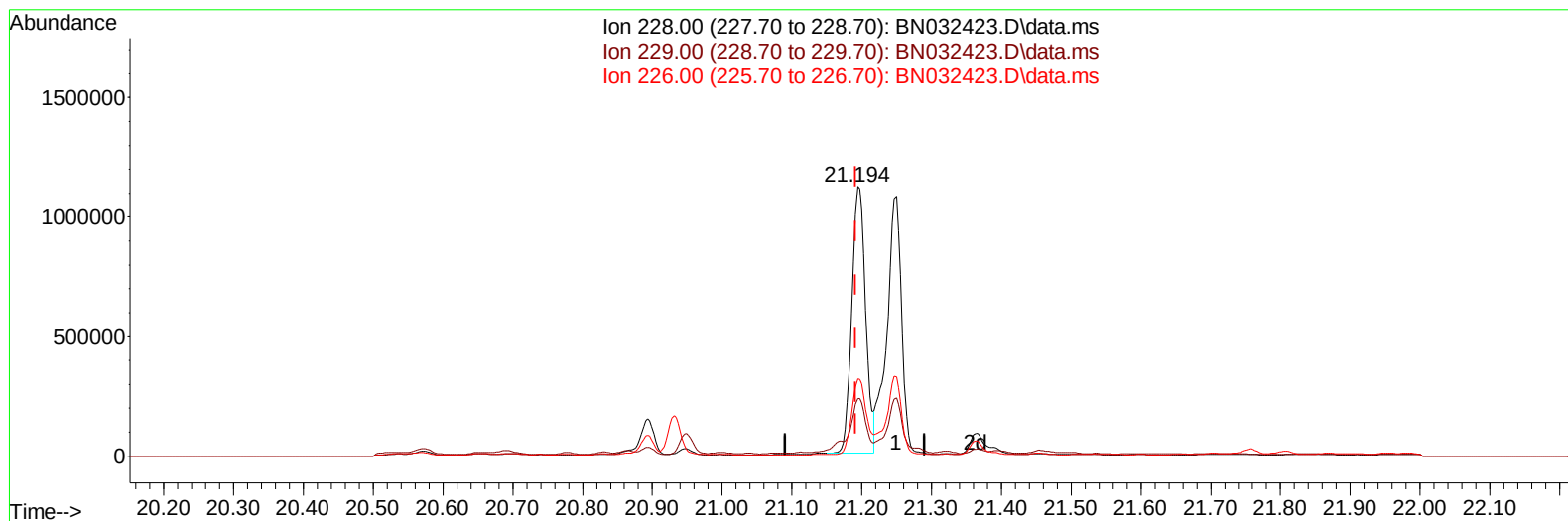
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(21) Benzo(a)anthracene

21.194min (+ 0.003) 26.53 ng/ul m

response 1543938

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.40
226.00	27.30	28.68
0.00	0.00	0.00

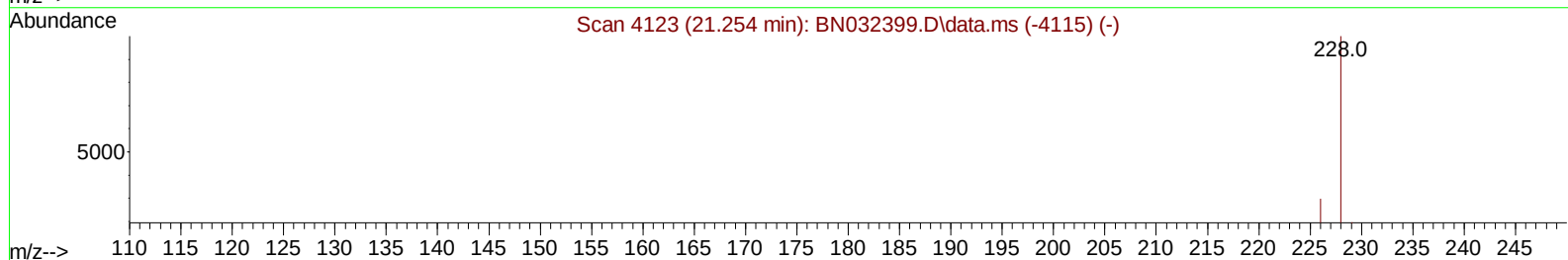
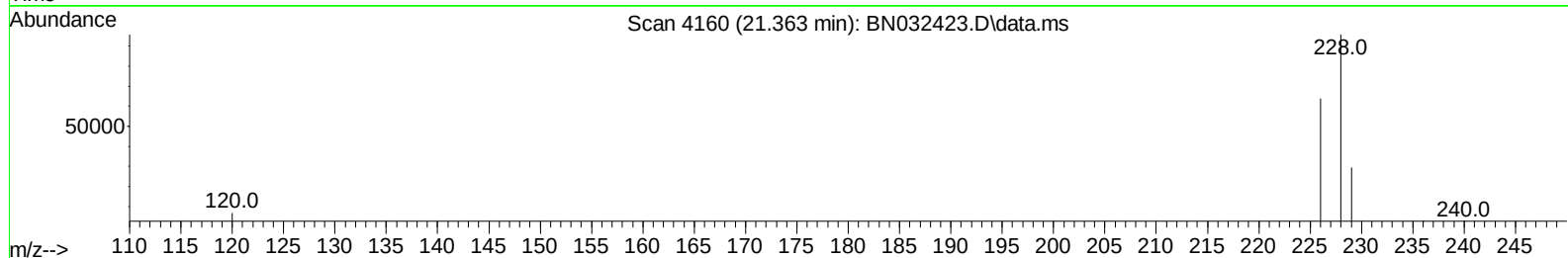
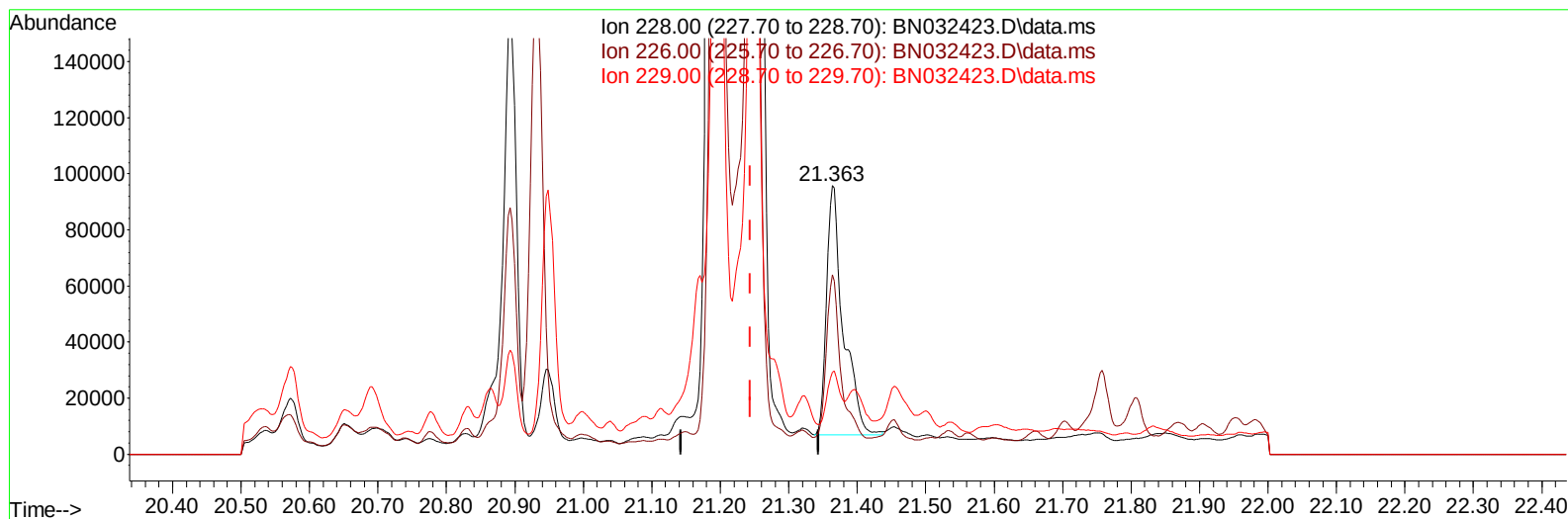
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(22) Chrysene

21.363min (+ 0.120) 2.36 ng/u1

response 150402

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	66.78#
229.00	19.60	30.64#
0.00	0.00	0.00

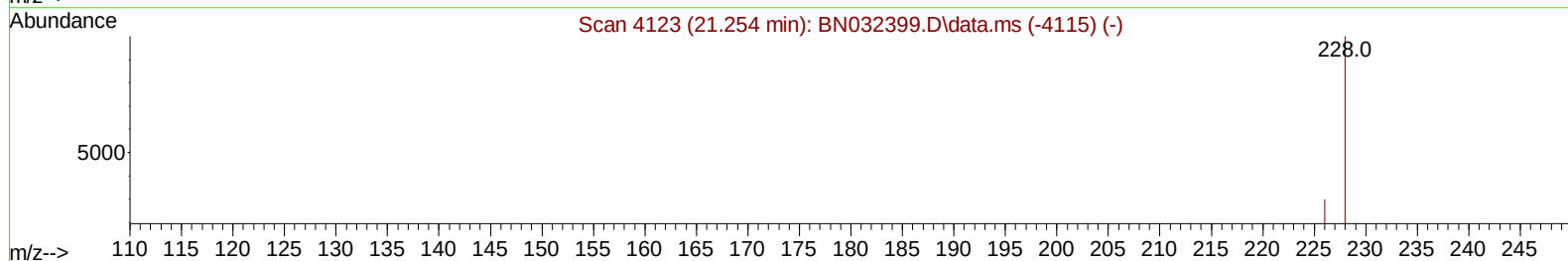
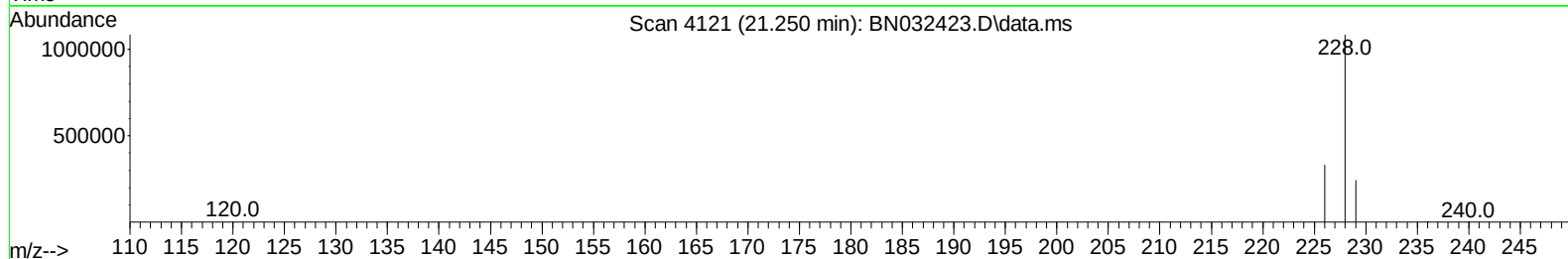
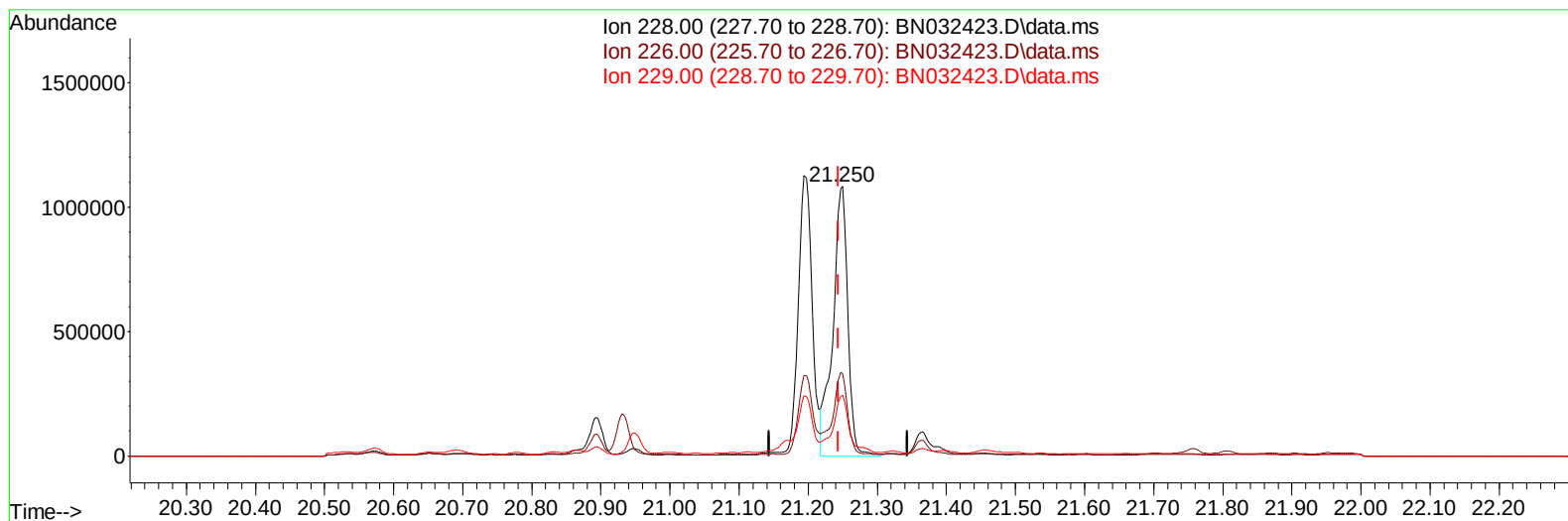
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(22) Chrysene

21.250min (+ 0.006) 25.64 ng/ul m

response 1637239

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.51
229.00	19.60	22.57
0.00	0.00	0.00

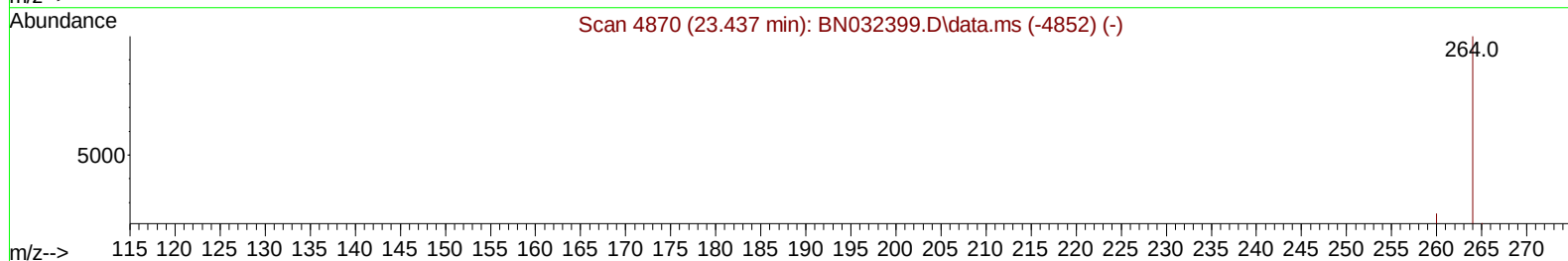
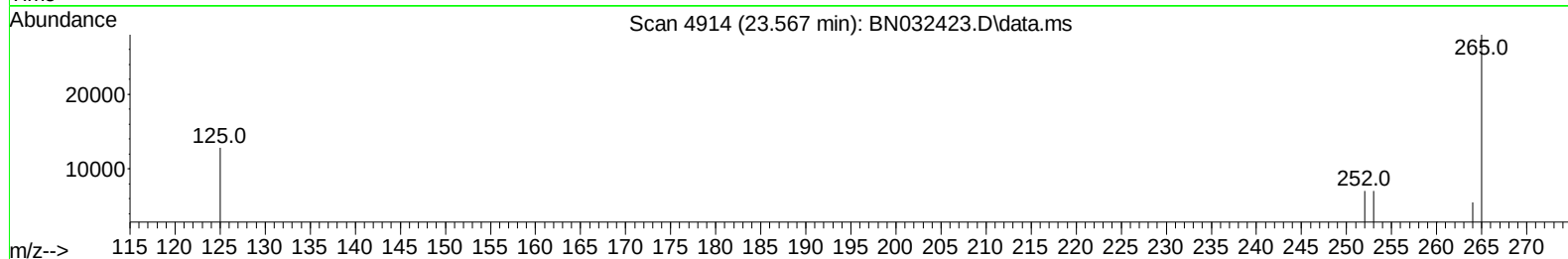
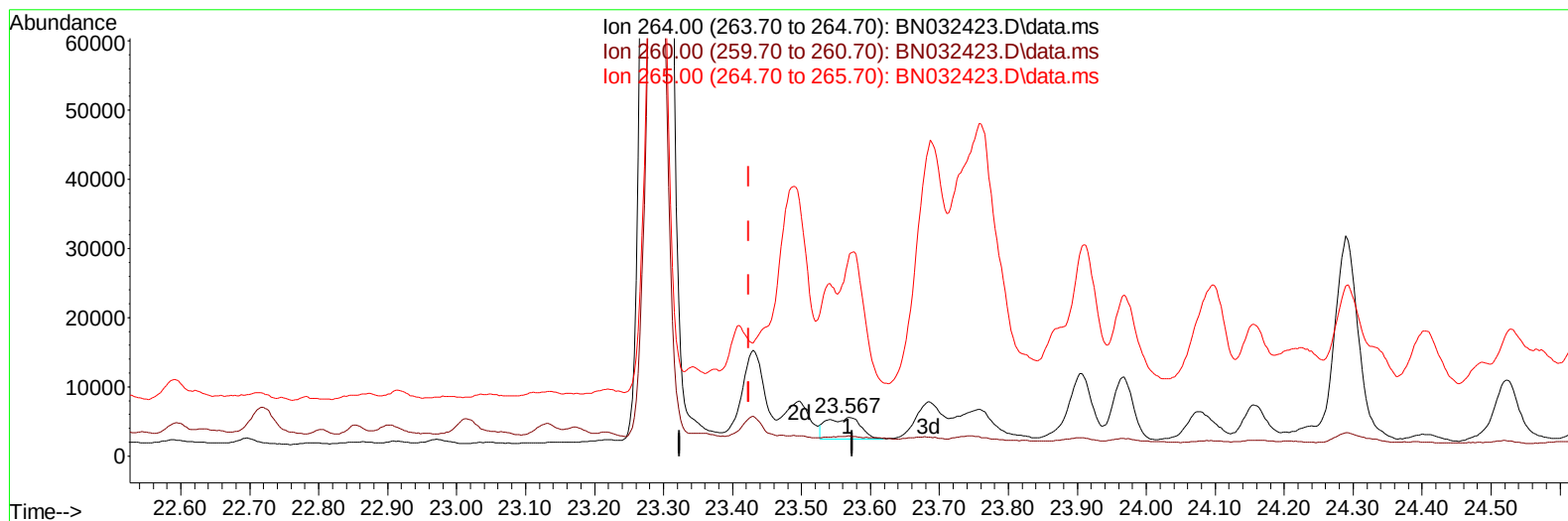
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(23) Perylene-d12 (I)

23.567min (+ 0.143) 0.40 ng/ul

response 10384

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	52.09#
265.00	67.20	504.33#
0.00	0.00	0.00

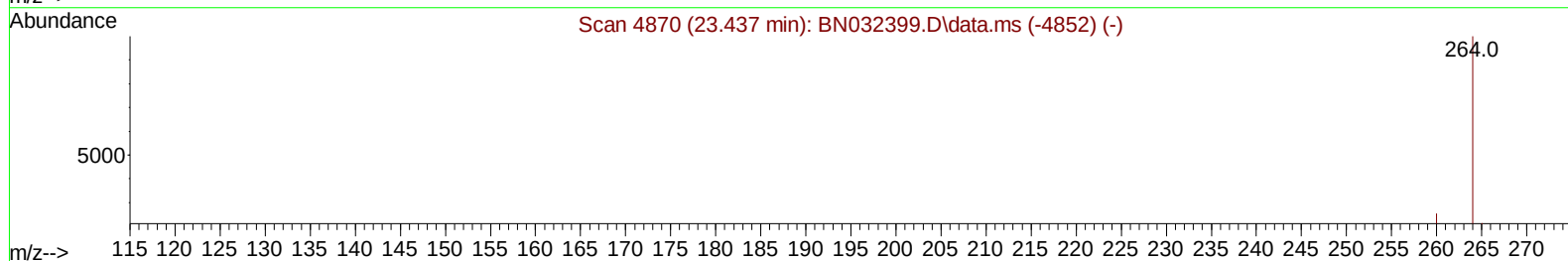
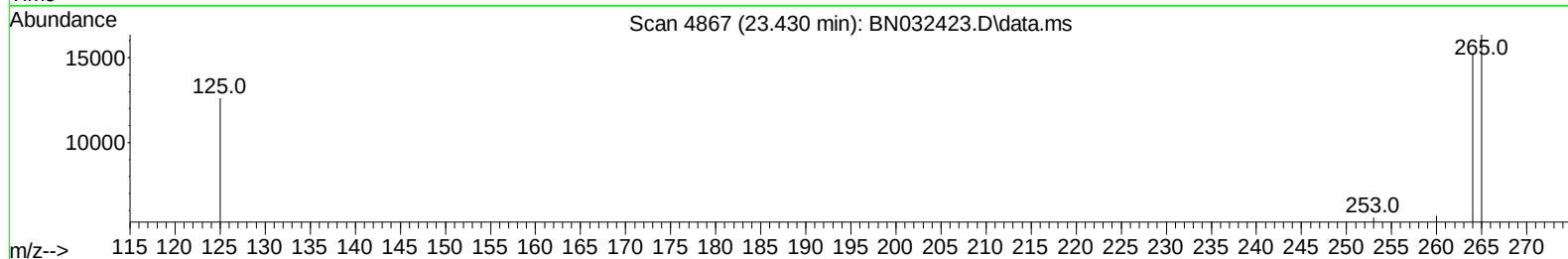
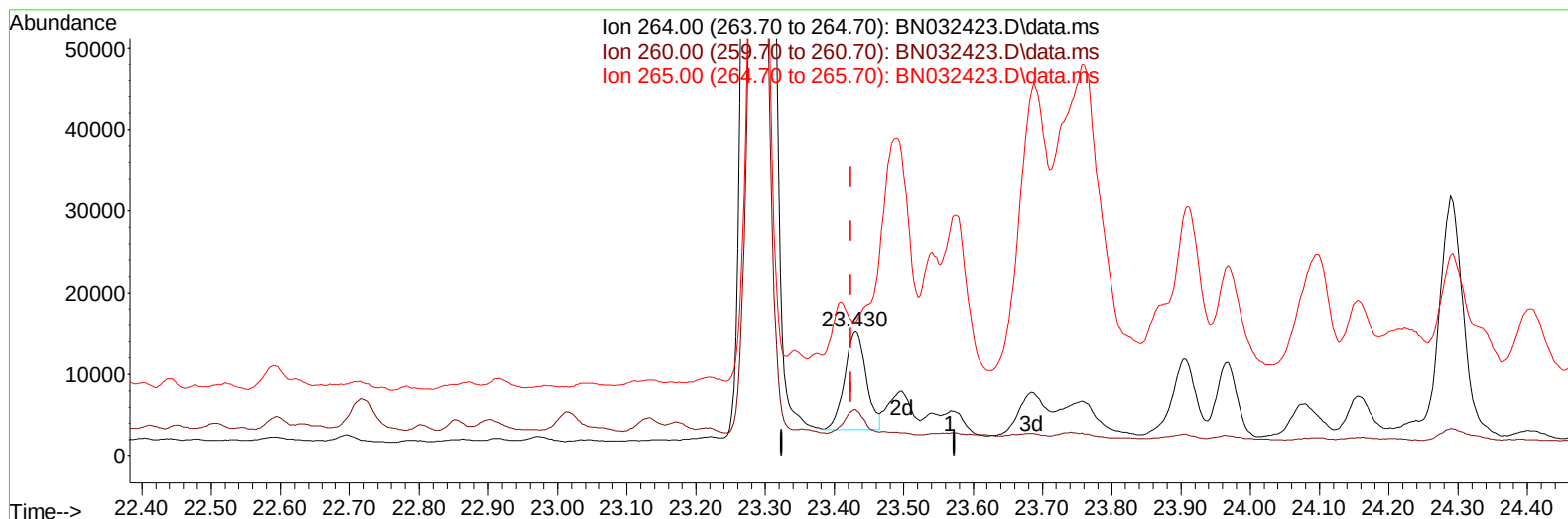
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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

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TIC: BN032423.D\data.ms

(23) Perylene-d12 (I)

23.430min (+ 0.006) 0.40 ng/ul m

response 25929

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	37.37#
265.00	67.20	107.06#
0.00	0.00	0.00

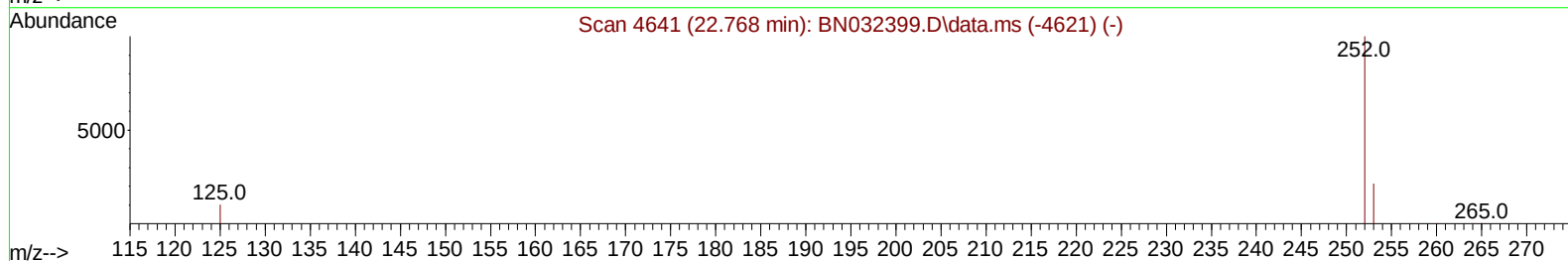
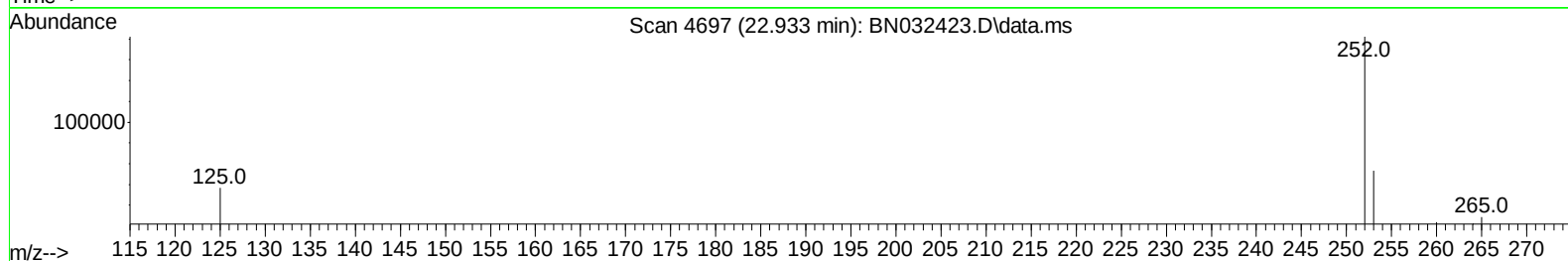
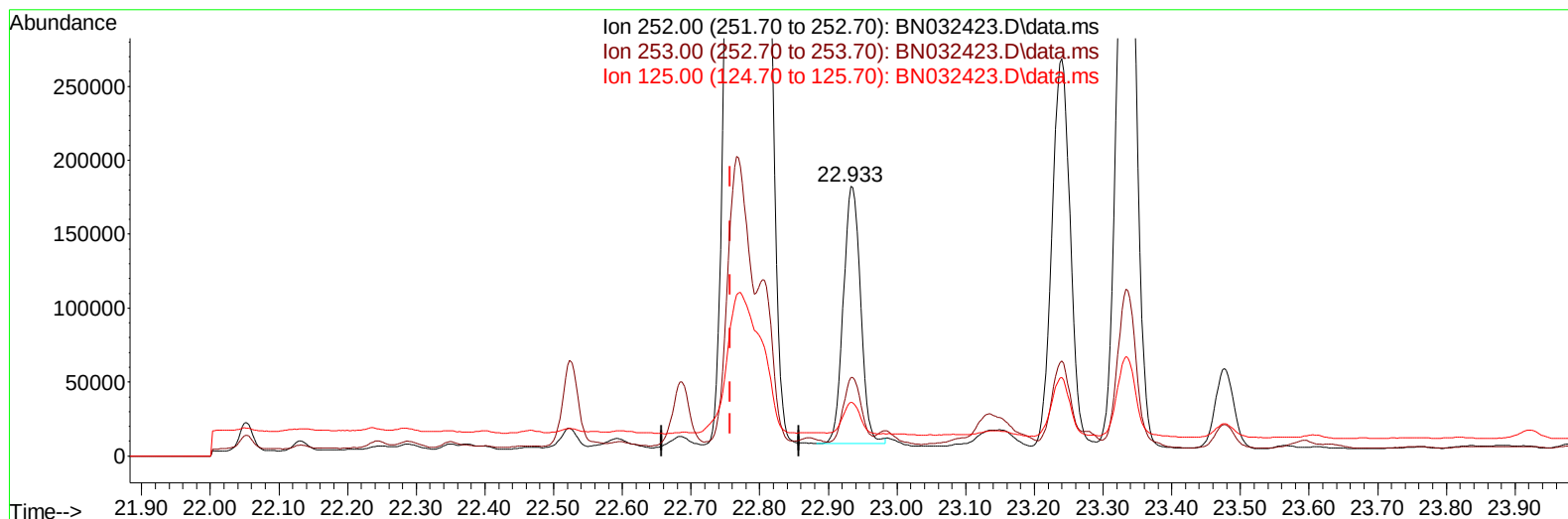
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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: BN032423.D\data.ms

(24) Benzo(b)fluoranthene

22.933min (+ 0.176) 2.70 ng/u1

response 304333

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	29.07
125.00	16.00	20.05
0.00	0.00	0.00

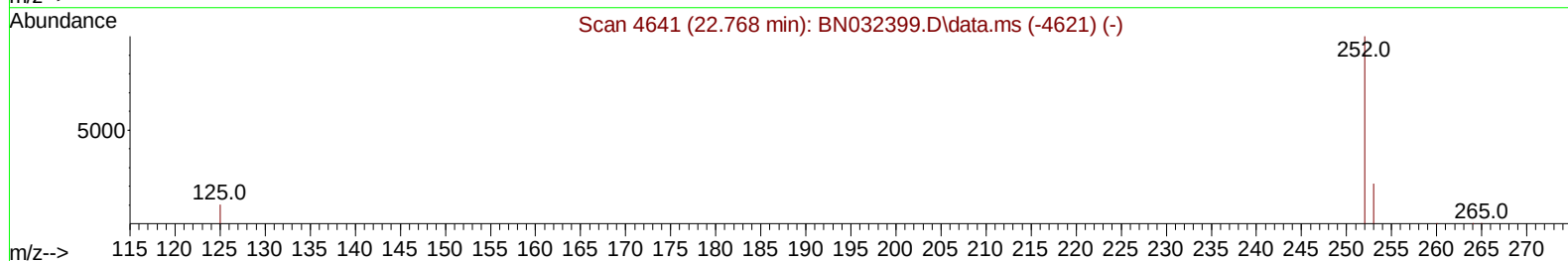
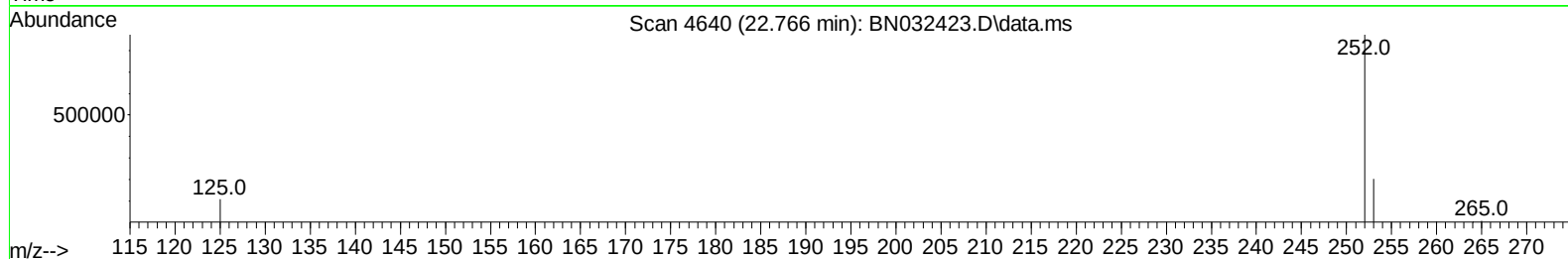
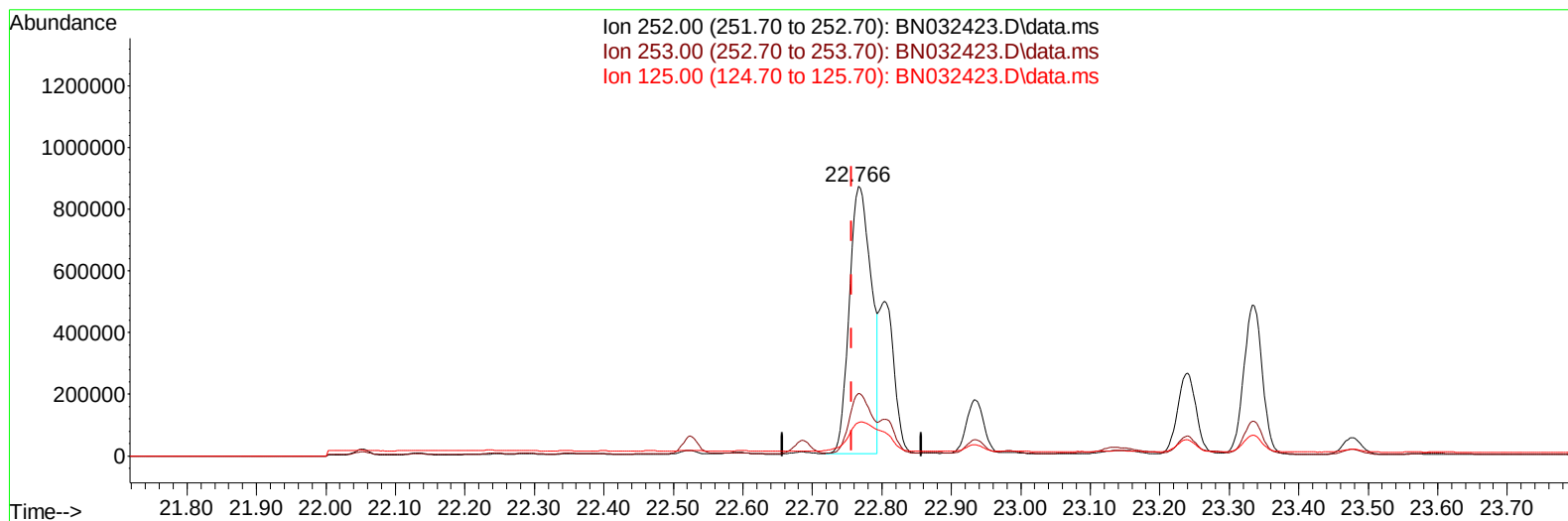
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(24) Benzo(b)fluoranthene

22.766min (+ 0.009) 16.86 ng/ul m

response 1898942

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.17
125.00	16.00	12.47
0.00	0.00	0.00

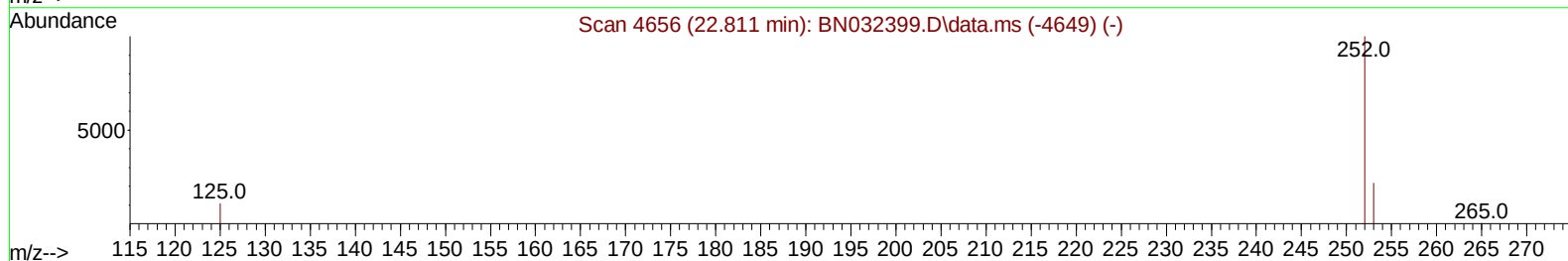
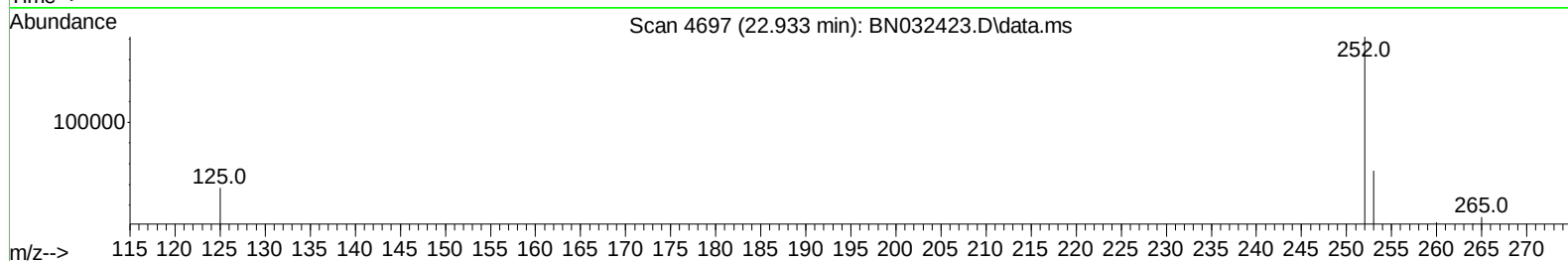
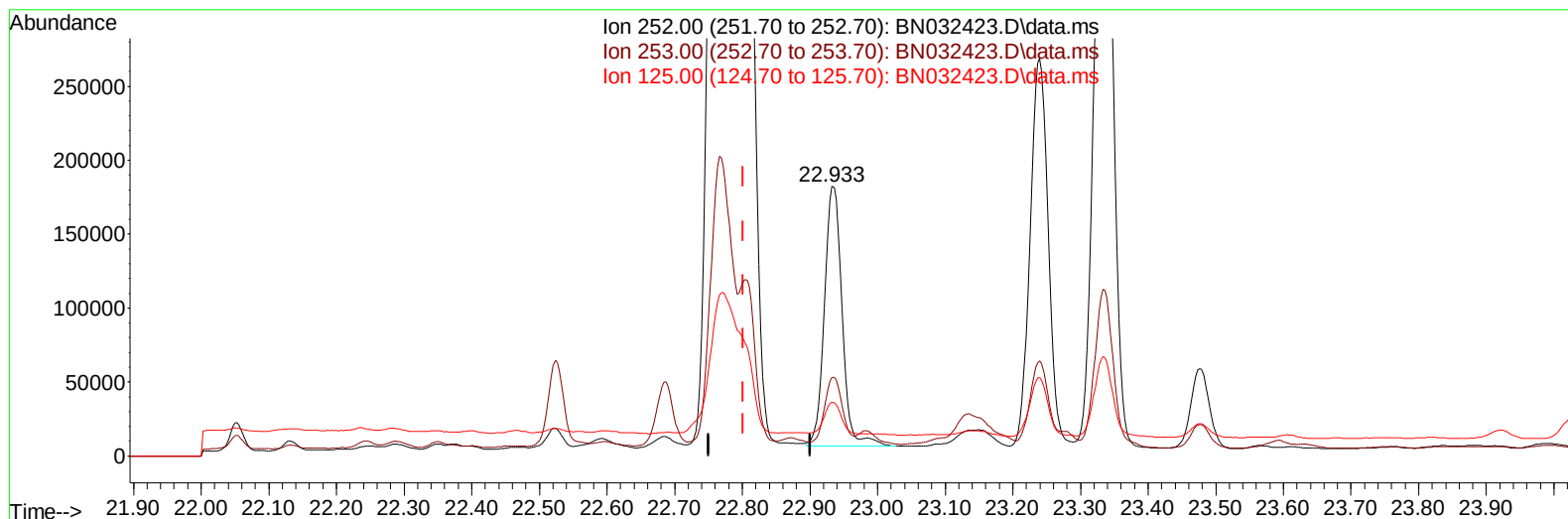
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(25) Benzo(k)fluoranthene

22.933min (+ 0.132) 2.93 ng/u1

response 320909

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	29.07
125.00	16.00	20.05#
0.00	0.00	0.00

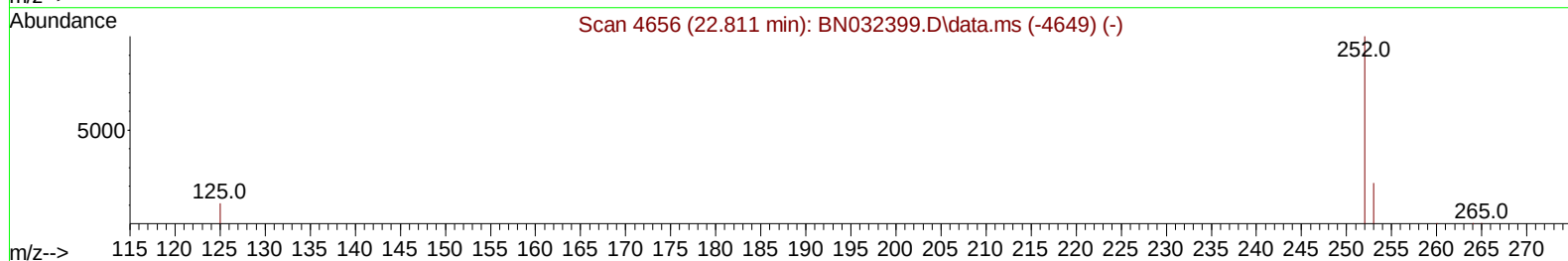
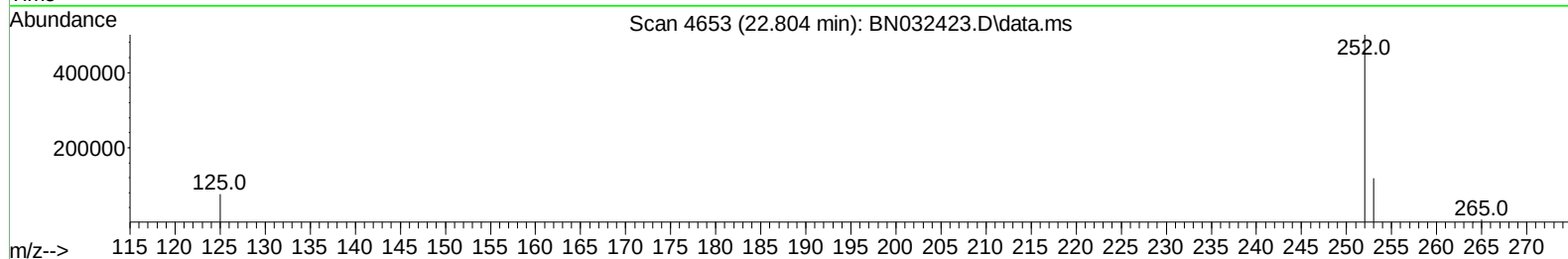
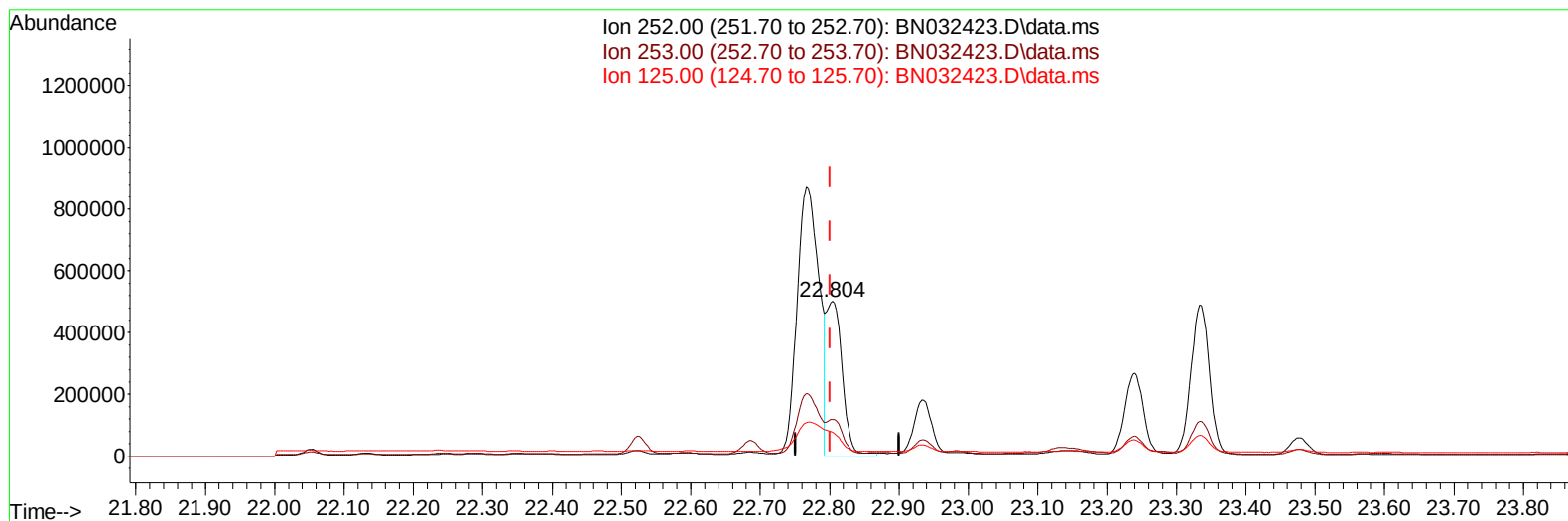
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (+ 0.003) 7.32 ng/ul m

response 801253

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.84
125.00	16.00	15.30
0.00	0.00	0.00

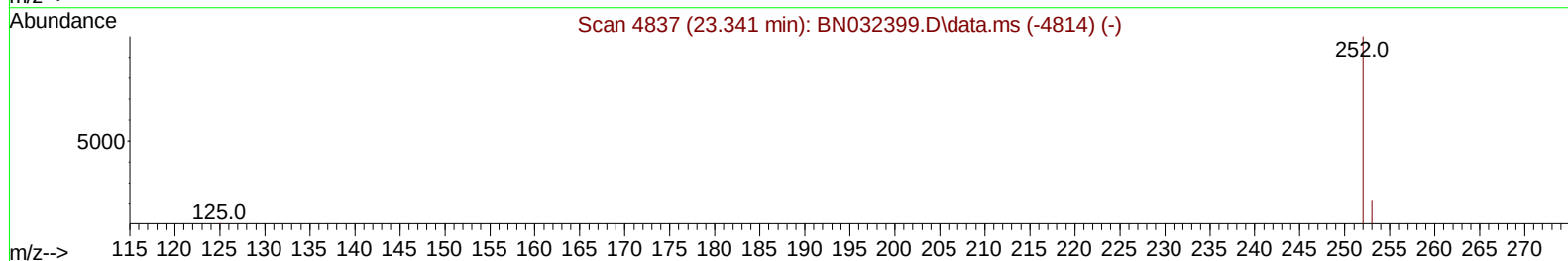
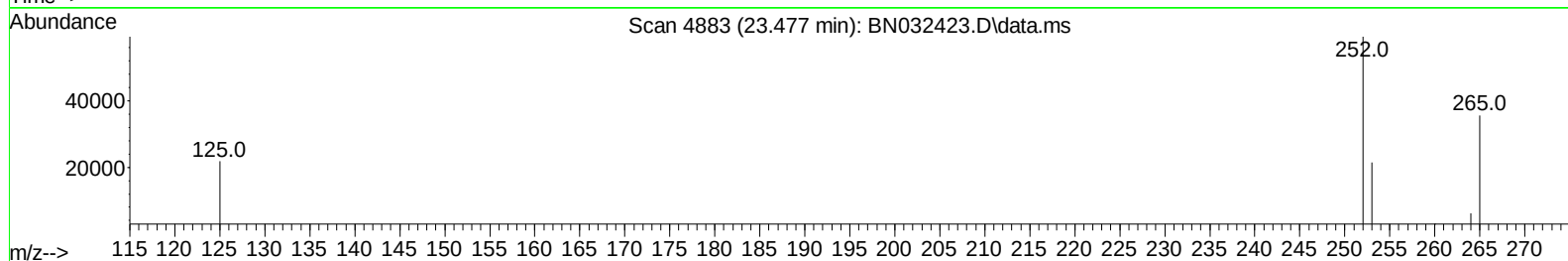
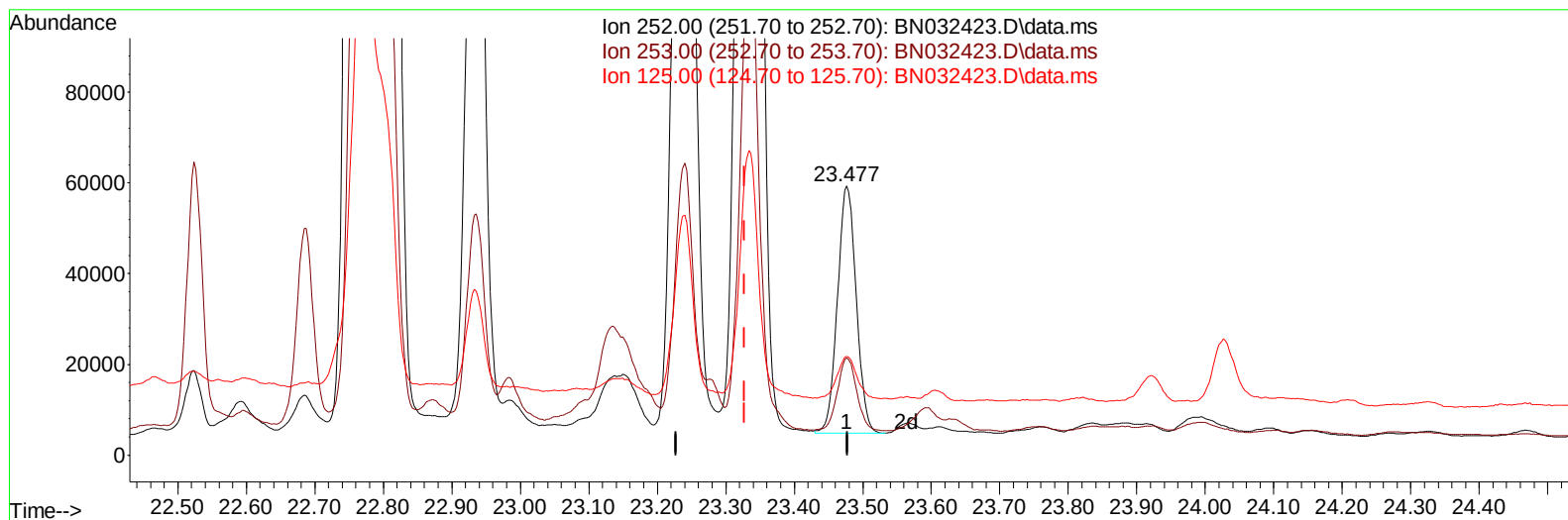
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(26) Benzo(a)pyrene (C)

23.477min (+ 0.149) 1.33 ng/u1

response 103961

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	36.23#
125.00	20.50	36.70#
0.00	0.00	0.00

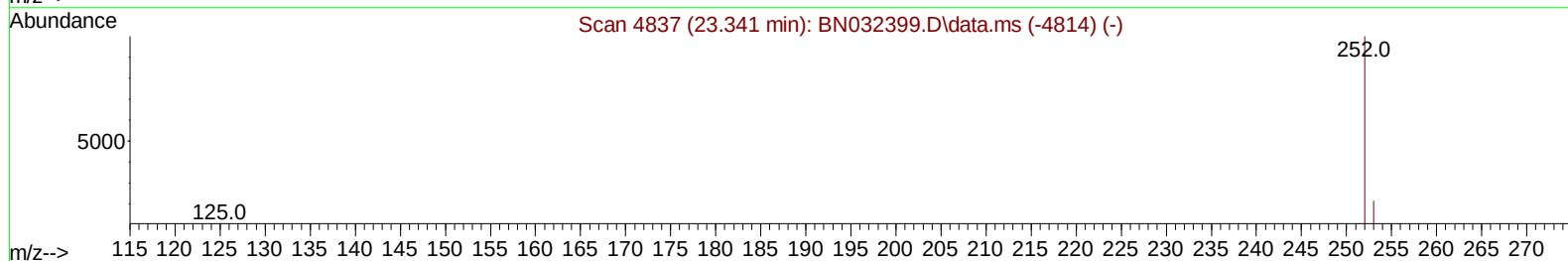
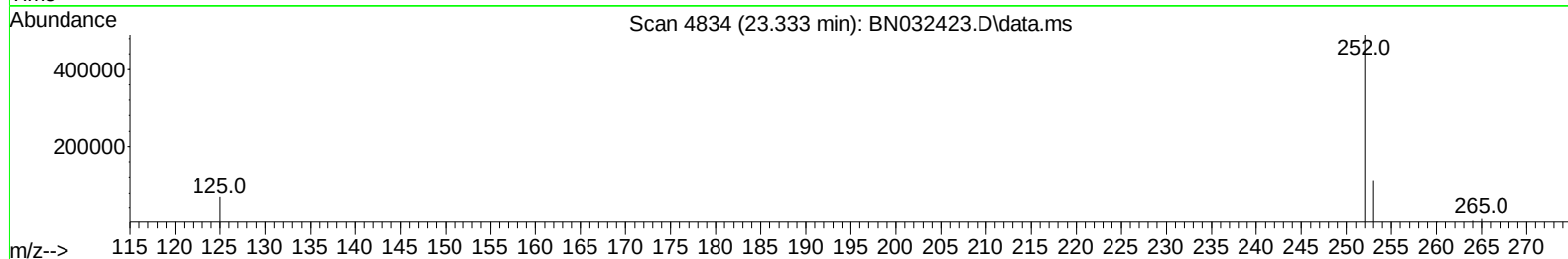
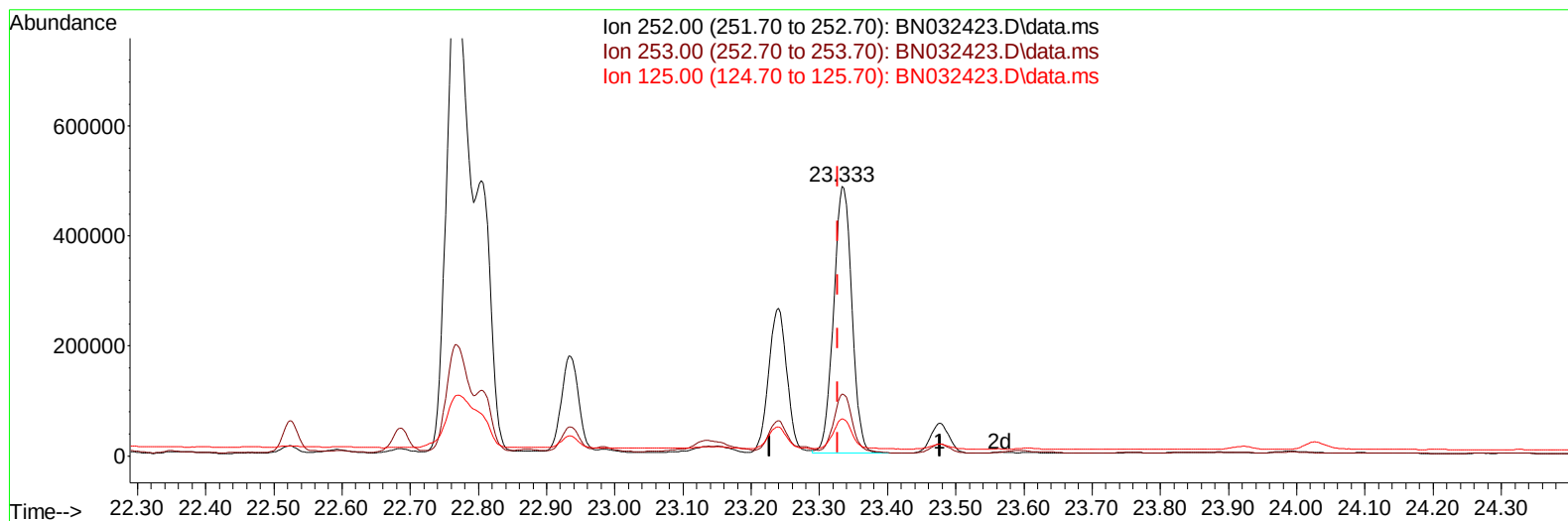
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(26) Benzo(a)pyrene (C)

23.333min (+ 0.006) 11.56 ng/ul m

response 906268

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.01
125.00	20.50	13.71#
0.00	0.00	0.00

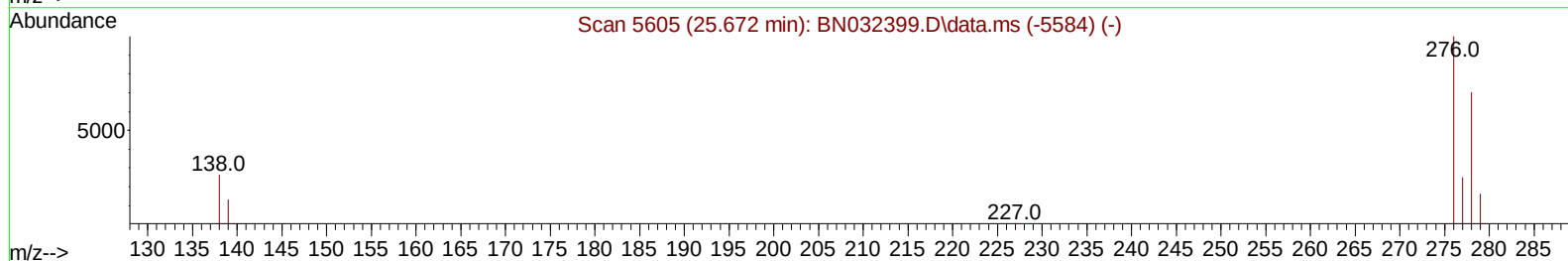
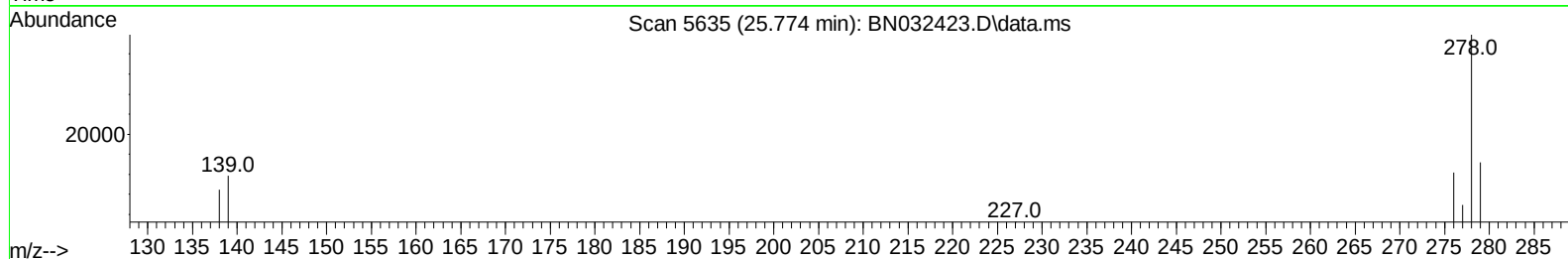
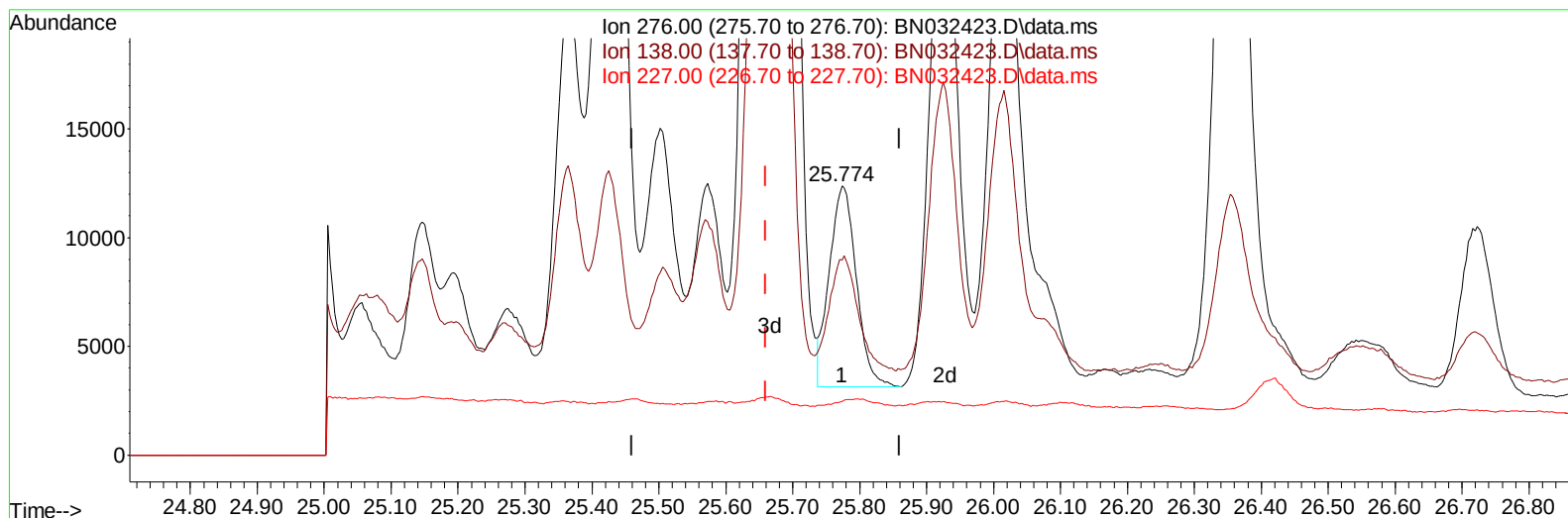
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032423.D
 Acq On : 03 Jul 2024 05:10
 Operator : MA/JU
 Sample : P2963-07
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

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

25.774min (+ 0.114) 0.21 ng/ul

response 26090

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	59.67#
227.00	0.10	0.00#
0.00	0.00	0.00

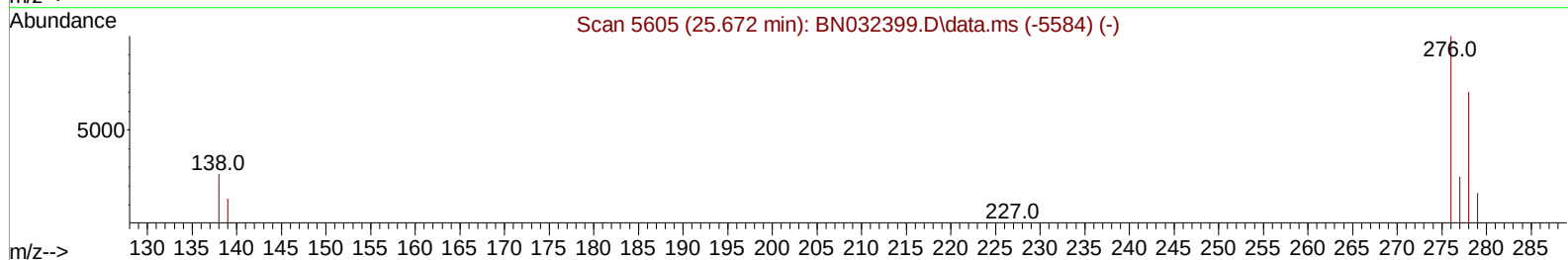
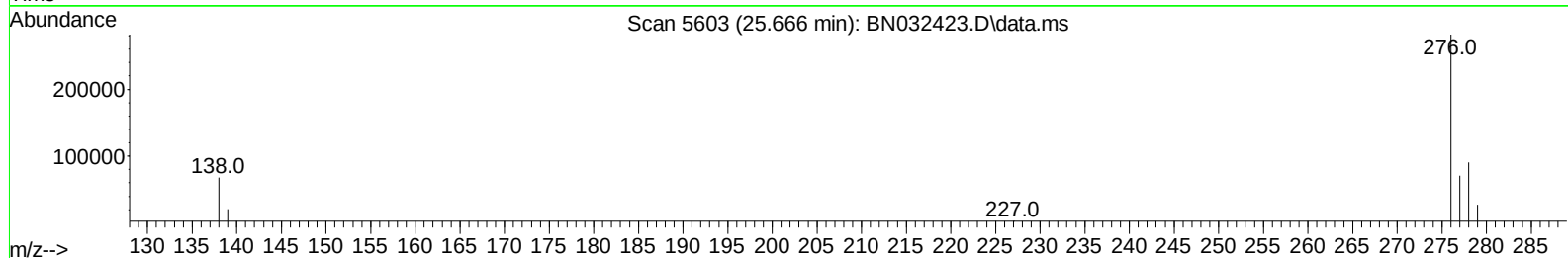
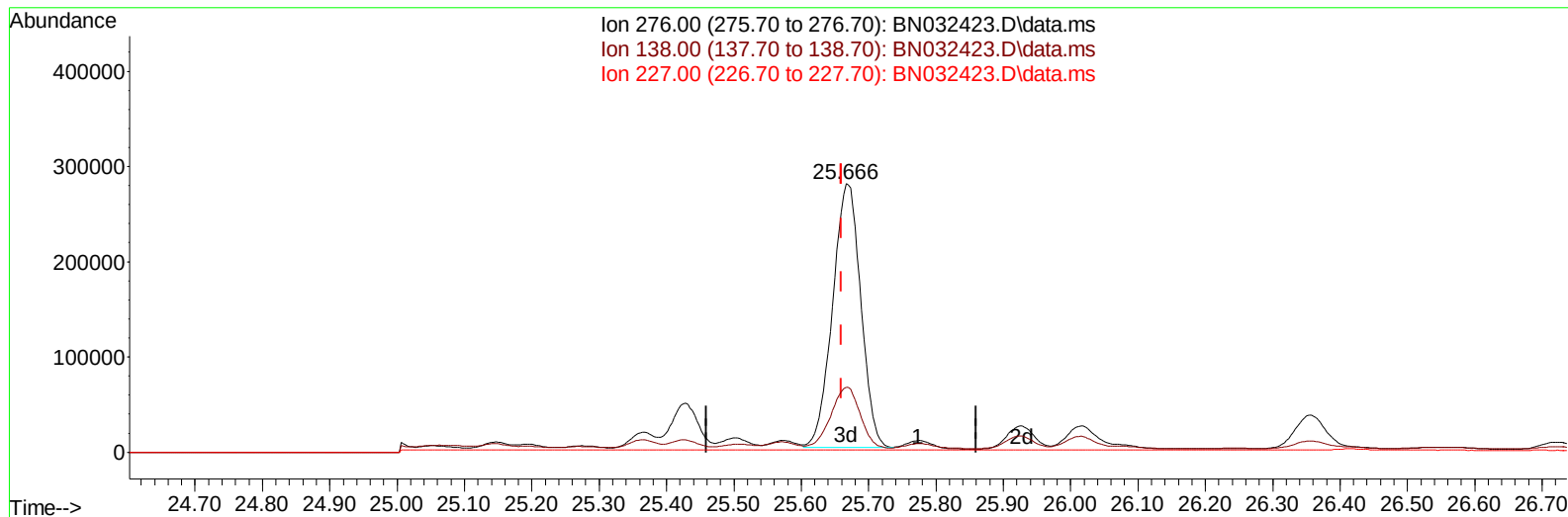
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

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

25.666min (+ 0.007) 6.55 ng/ul m

response 803655

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	1.94#
227.00	0.10	0.00#
0.00	0.00	0.00

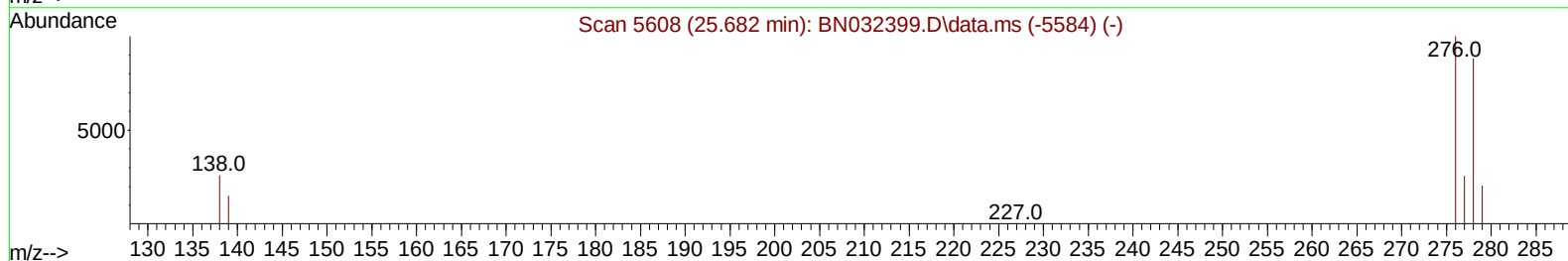
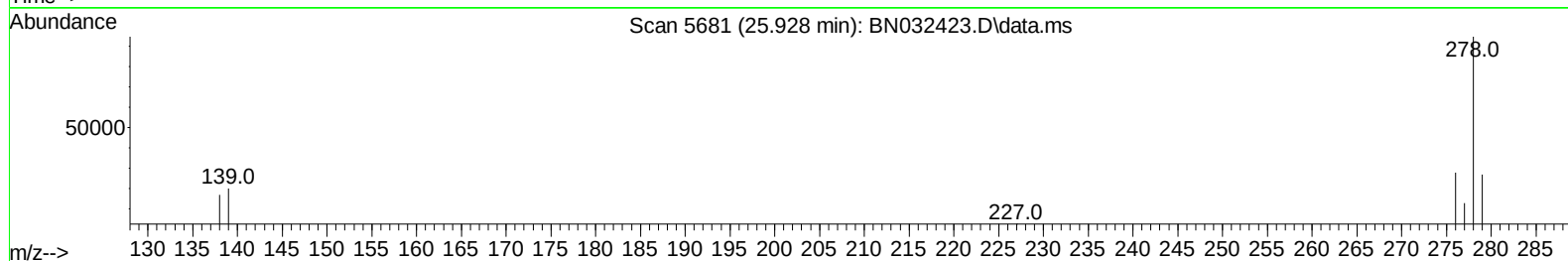
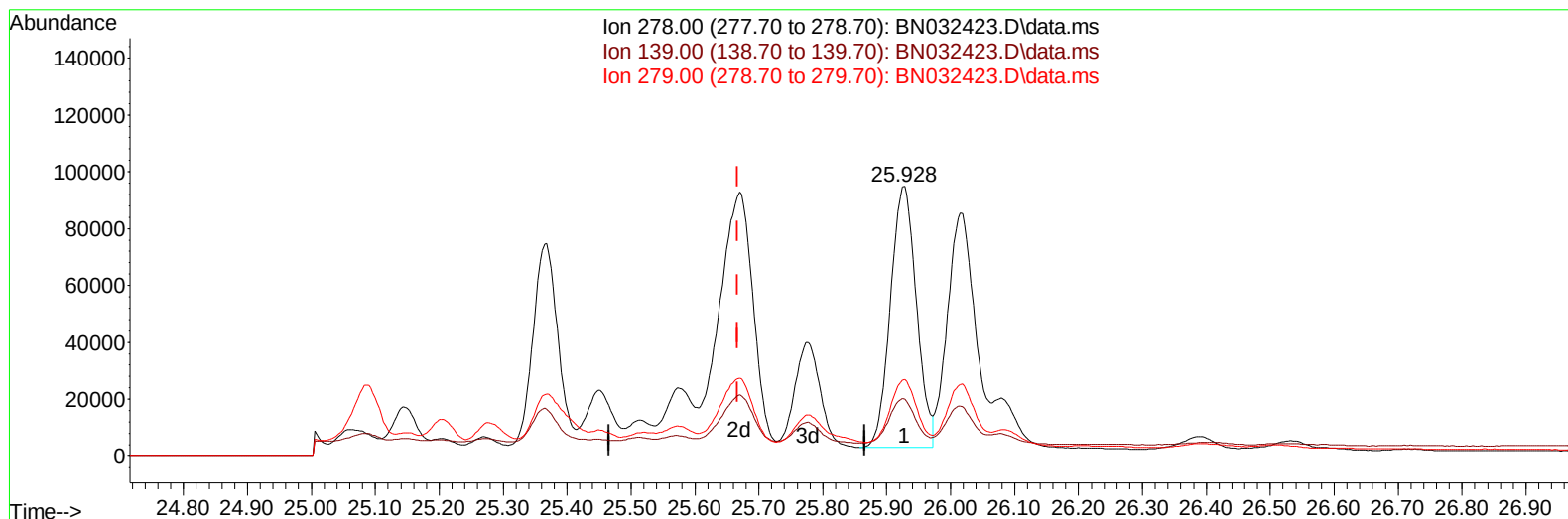
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(28) Dibenzo(a,h)anthracene

25.928min (+ 0.262) 2.85 ng/u1

response 259943

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	21.14
279.00	26.40	28.39
0.00	0.00	0.00

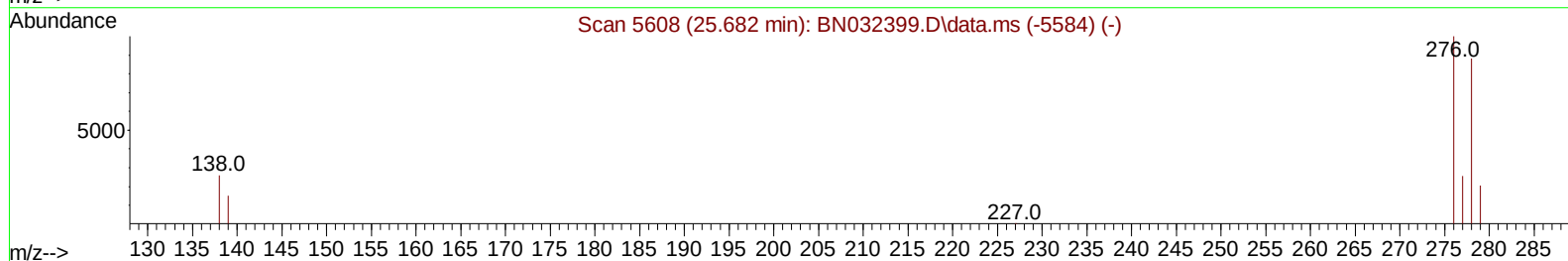
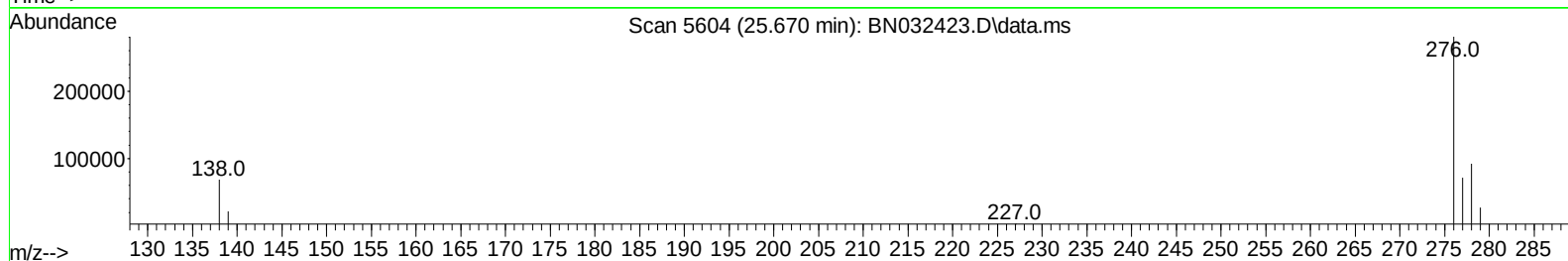
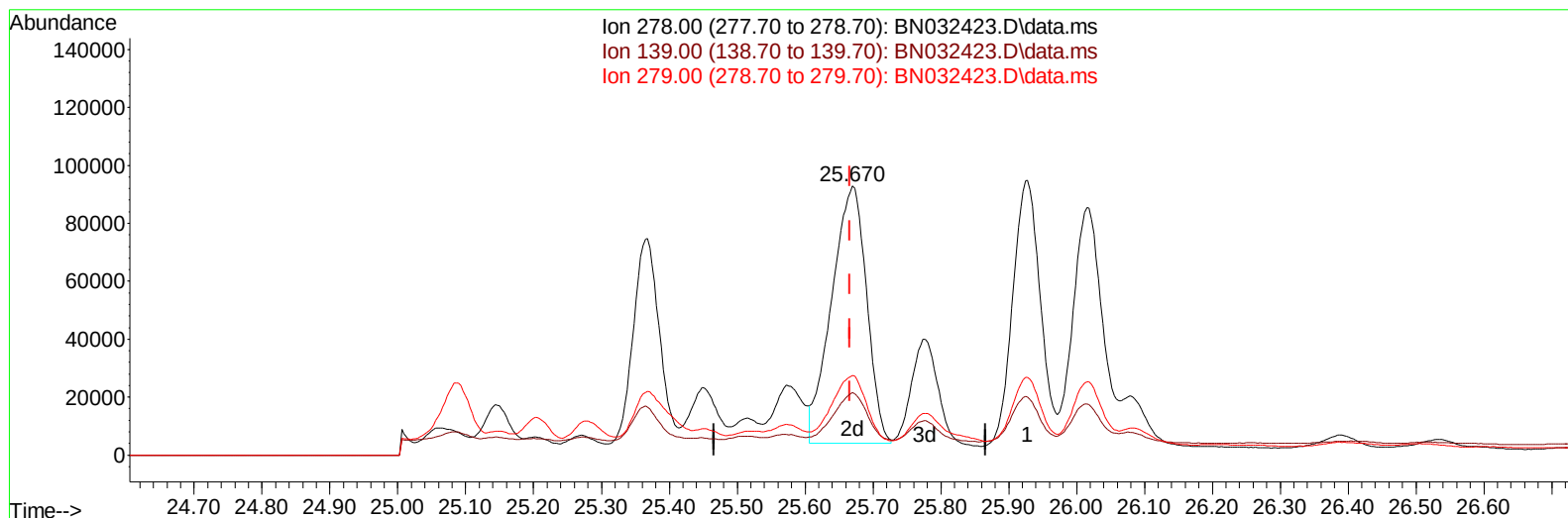
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

(28) Dibenzo(a,h)anthracene

25.670min (+ 0.003) 3.48 ng/ul m

response 317142

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	23.16
279.00	26.40	29.60
0.00	0.00	0.00

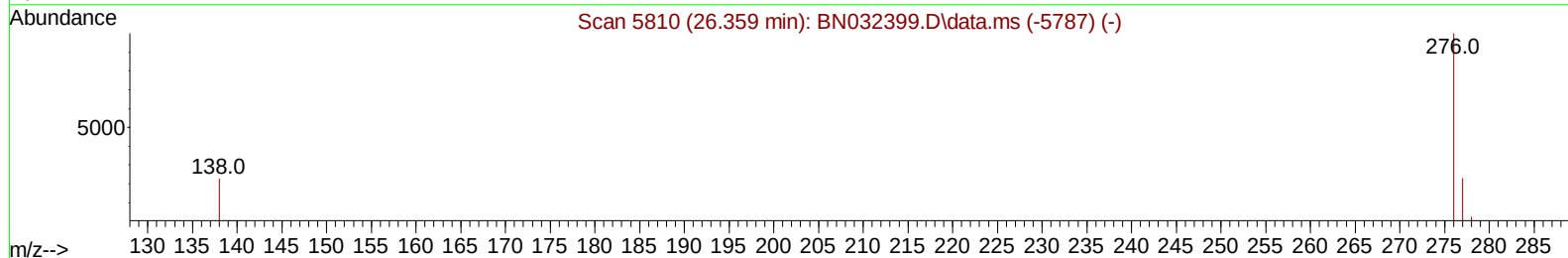
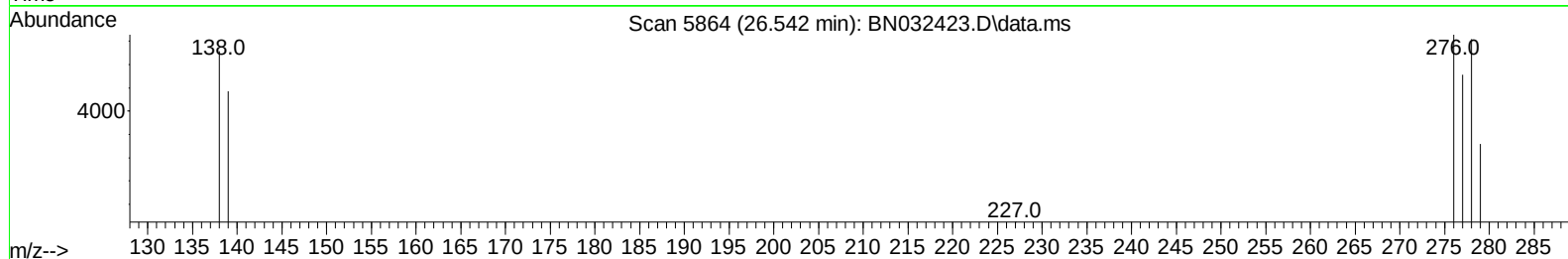
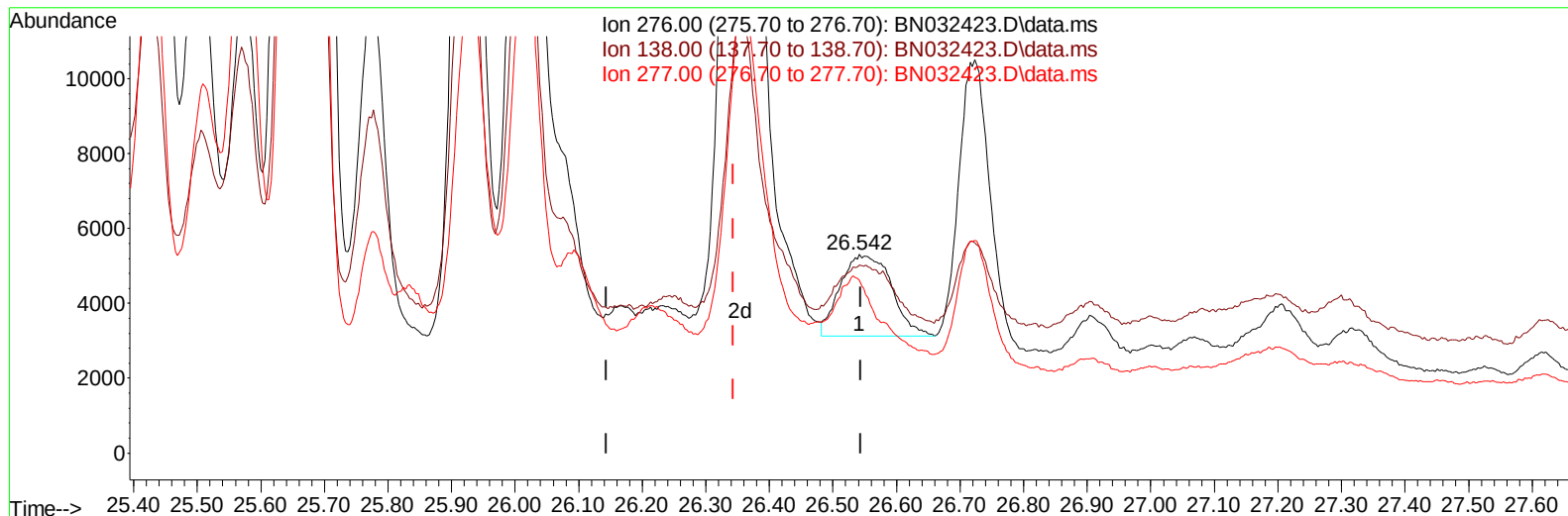
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

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

26.542min (+ 0.198) 0.12 ng/u1

response 12076

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	94.61#
277.00	24.70	87.04#
0.00	0.00	0.00

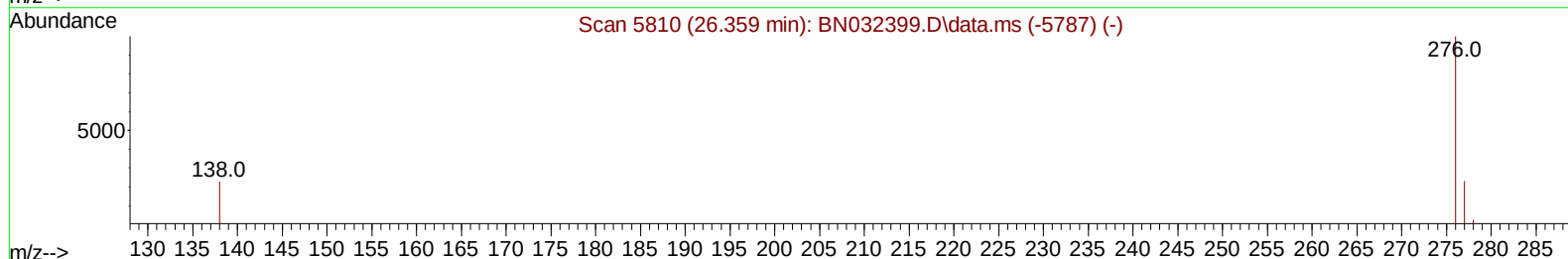
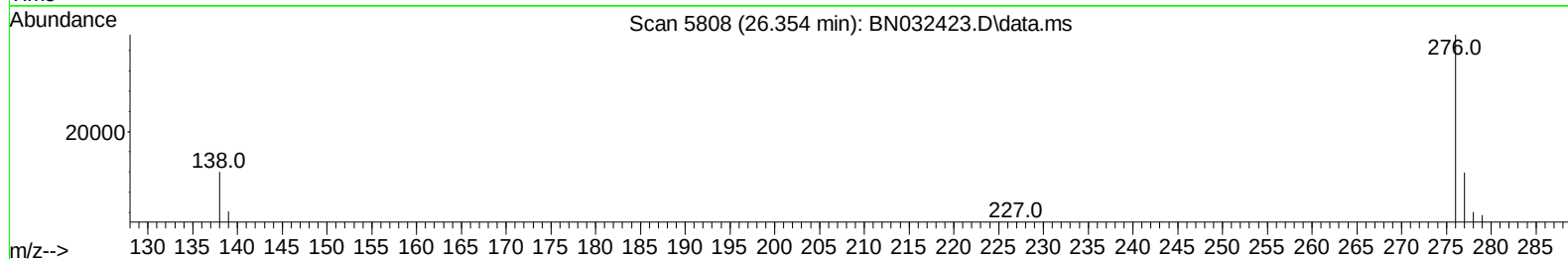
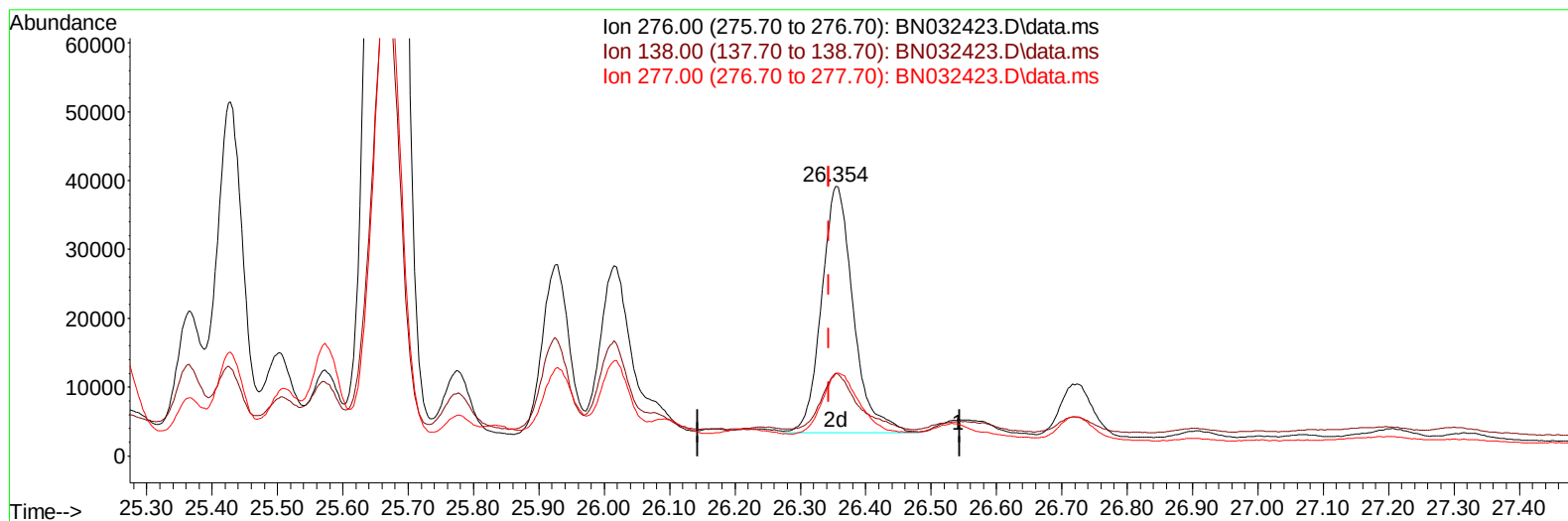
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032423.D
Acq On : 03 Jul 2024 05:10
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:36:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032423.D\data.ms

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

26.354min (+ 0.010) 1.24 ng/ul m

response 121101

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	30.67#
277.00	24.70	30.44#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032423.D
 Acq On : 03 Jul 2024 05:10
 Operator : MA/JU
 Sample : P2963-07
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 05:36:03 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	25278	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	16572	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.008	188	30577m	0.400	ng/ul	0.00
17) Chrysene-d12	21.212	240	16121m	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	25929m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	26960	3.178	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	9389	0.248	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	18362m	0.379	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.426	128	173687	2.596	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	75140	1.695	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	55310	1.203	ng/ul	99
10) Acenaphthylene	13.971	152	145150	2.106	ng/ul	99
11) Acenaphthene	14.313	153	189485	3.542	ng/ul	98
12) Fluorene	15.308	166	200582	3.147	ng/ul	98
14) Pentachlorophenol	16.670	266	580m	0.084	ng/ul	
15) Phenanthrene	17.050	178	2853303m	34.037	ng/ul	
16) Anthracene	17.139	178	697579m	9.329	ng/ul	
19) Fluoranthene	19.078	202	3289209m	53.581	ng/ul	
20) Pyrene	19.440	202	2640357m	41.158	ng/ul	
21) Benzo(a)anthracene	21.194	228	1543938m	26.535	ng/ul	
22) Chrysene	21.250	228	1637239m	25.637	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	1898942m	16.857	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	801253m	7.321	ng/ul	
26) Benzo(a)pyrene	23.333	252	906268m	11.563	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	803655m	6.548	ng/ul	
28) Dibenzo(a,h)anthracene	25.670	278	317142m	3.478	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	121101m	1.239	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
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Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ8

Manual IntegrationsAPPROVED

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