

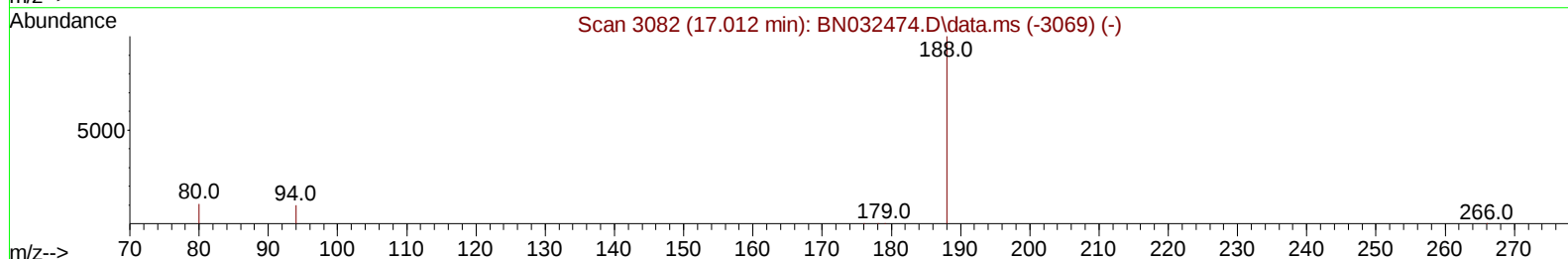
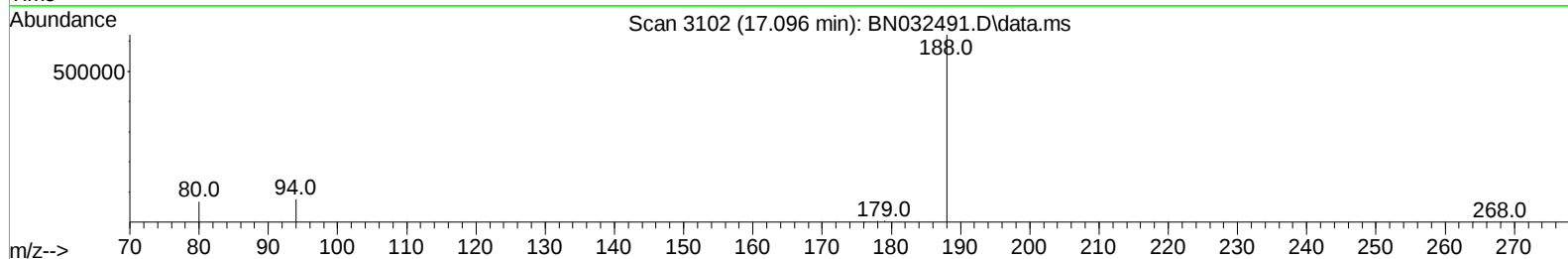
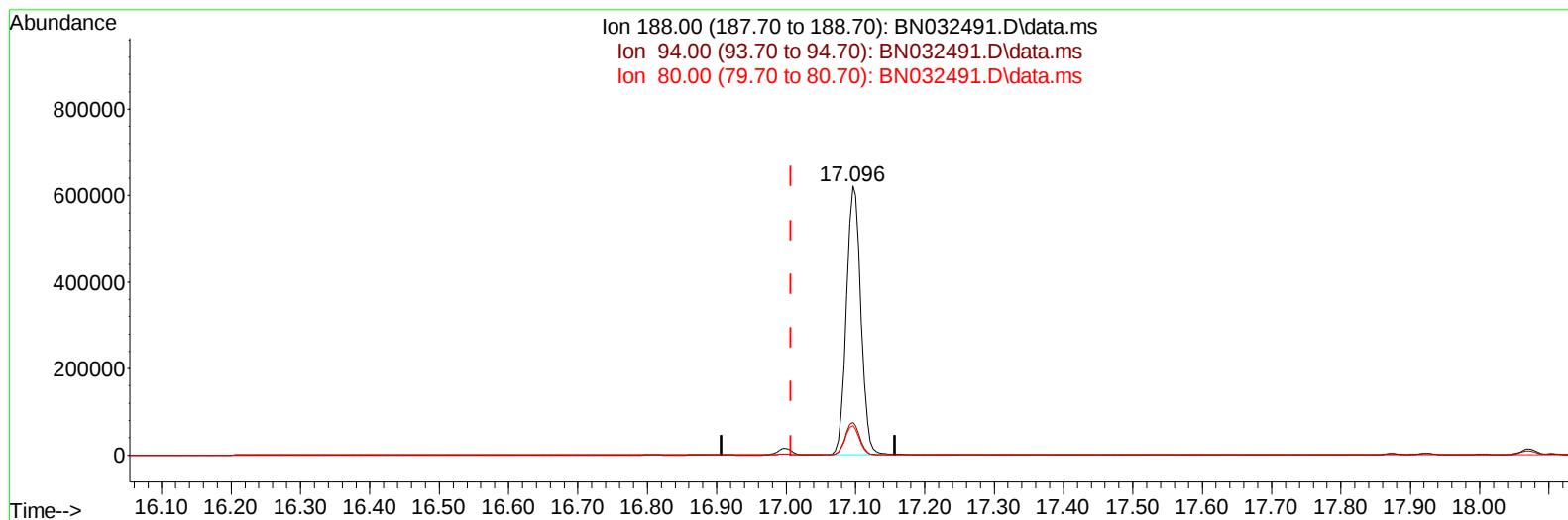
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(13) Phenanthrene-d10 (I)

17.096min (+ 0.089) 0.40 ng/u1

response 899019

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.22
80.00	10.50	10.93
0.00	0.00	0.00

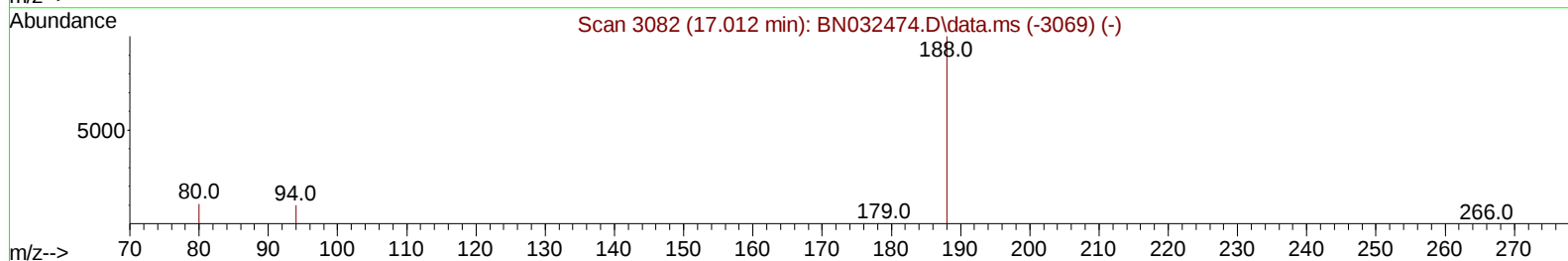
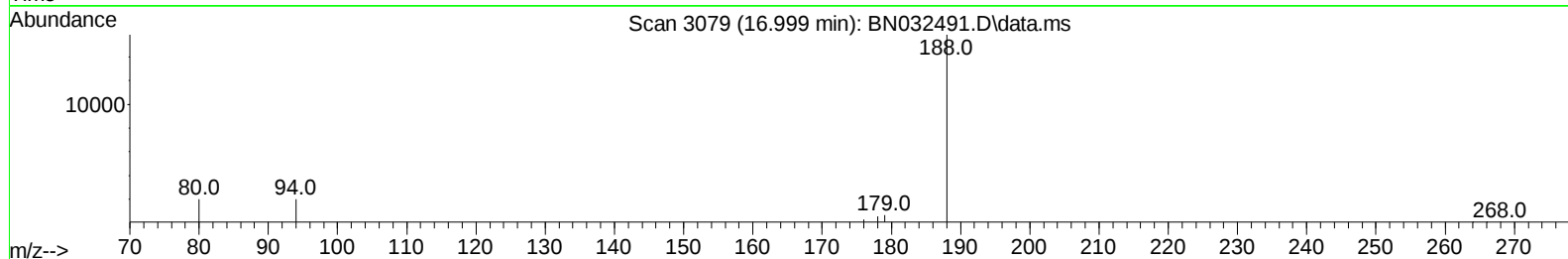
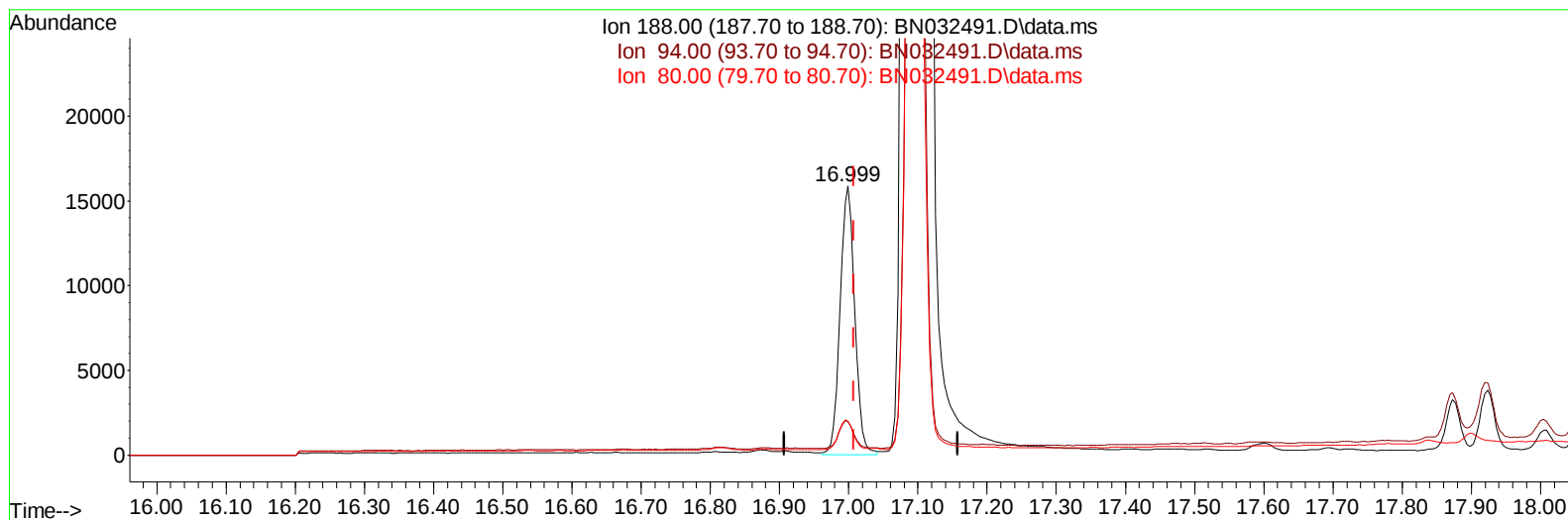
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(13) Phenanthrene-d10 (I)

16.999min (-0.009) 0.40 ng/ul m

response 23216

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.49#
80.00	10.50	12.60
0.00	0.00	0.00

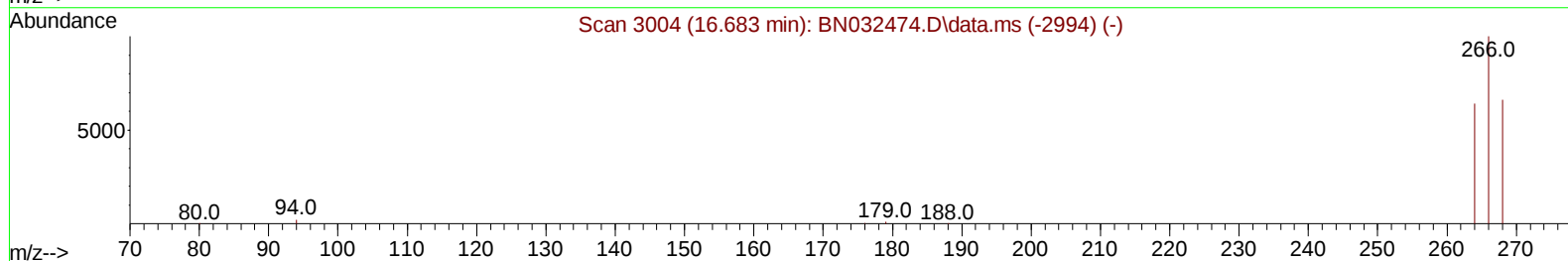
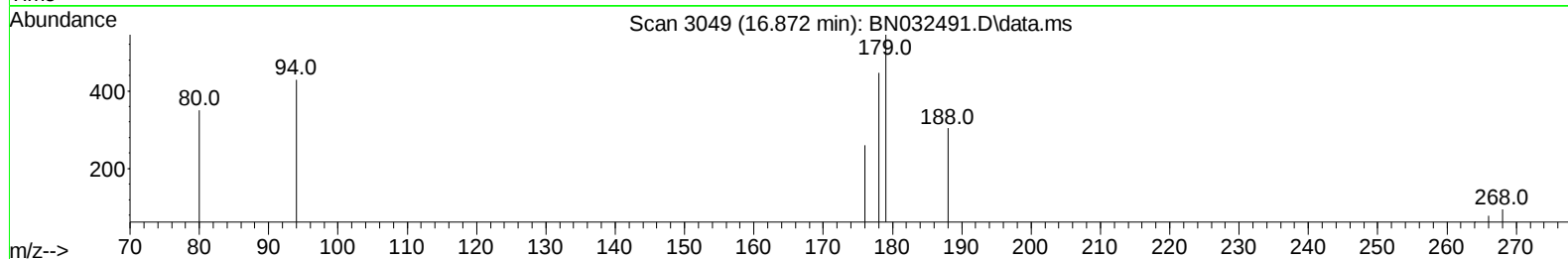
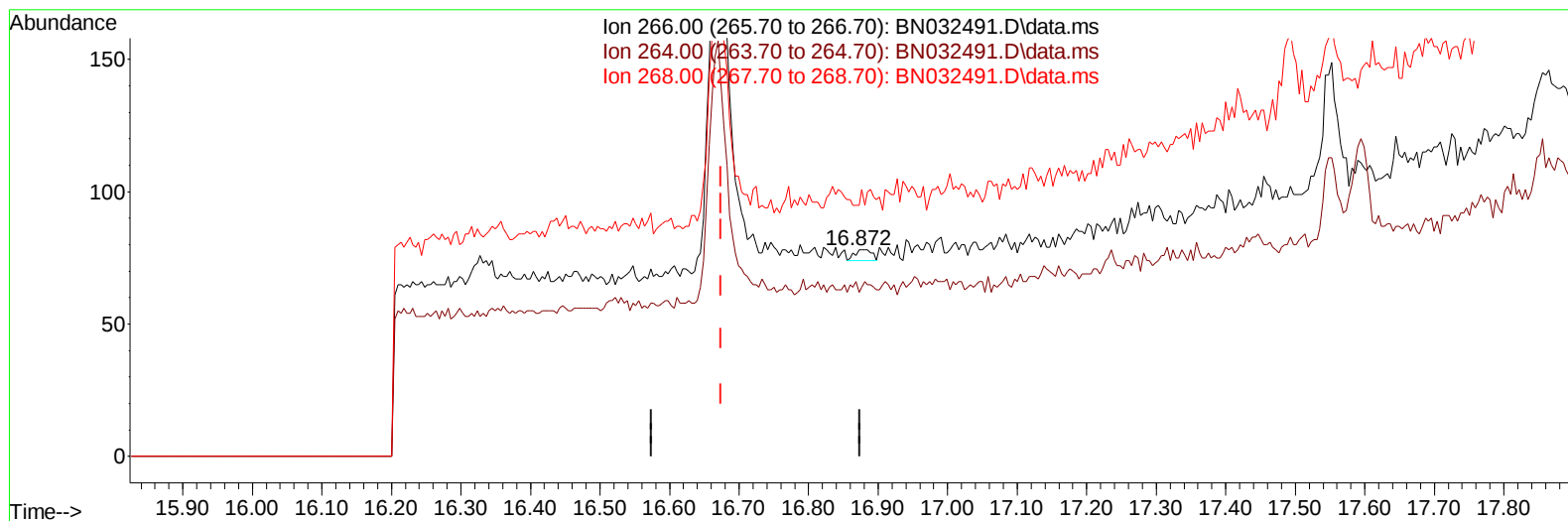
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032491.D\data.ms

(14) Pentachlorophenol

16.872min (+ 0.198) 0.00 ng/u1

response 7

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	57.14
268.00	65.50	100.00#
0.00	0.00	0.00

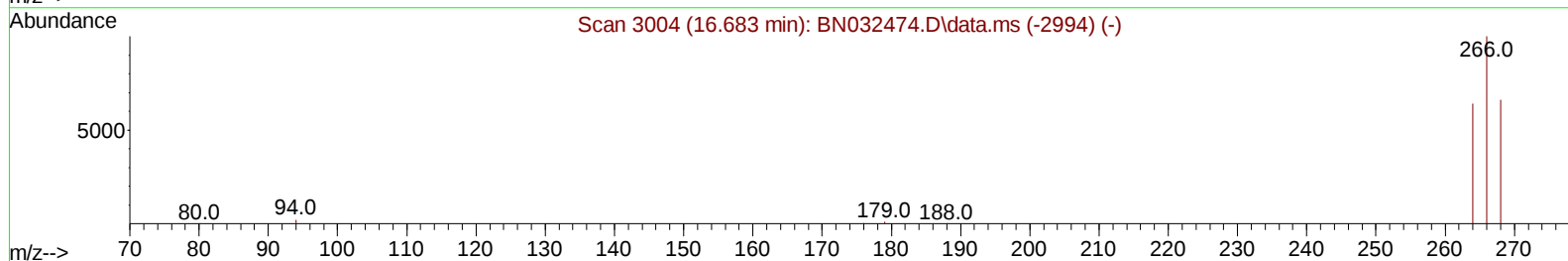
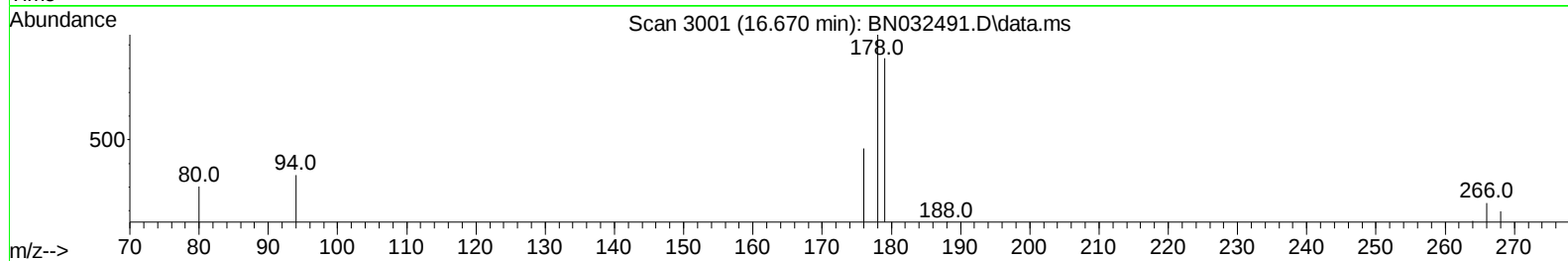
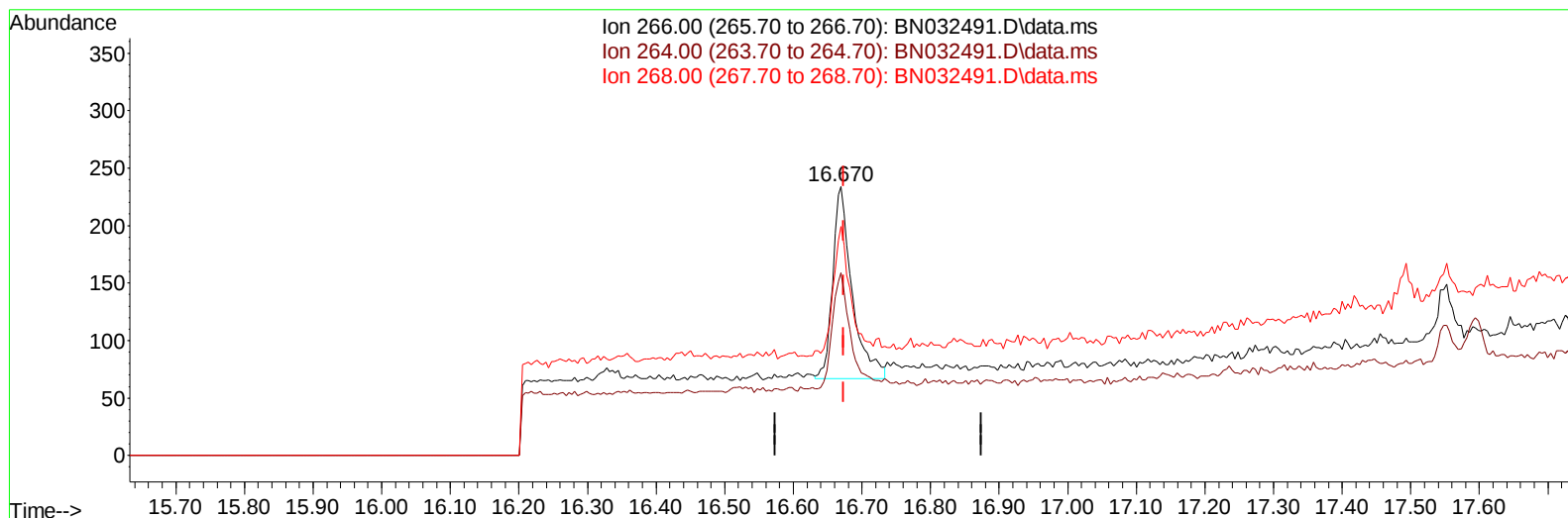
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(14) Pentachlorophenol

16.670min (-0.004) 0.06 ng/ul m

response 329

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	1.22#
268.00	65.50	2.13#
0.00	0.00	0.00

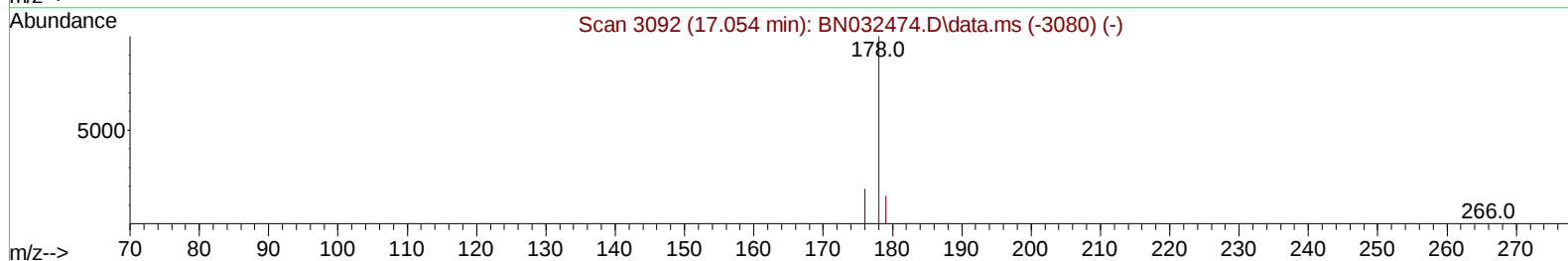
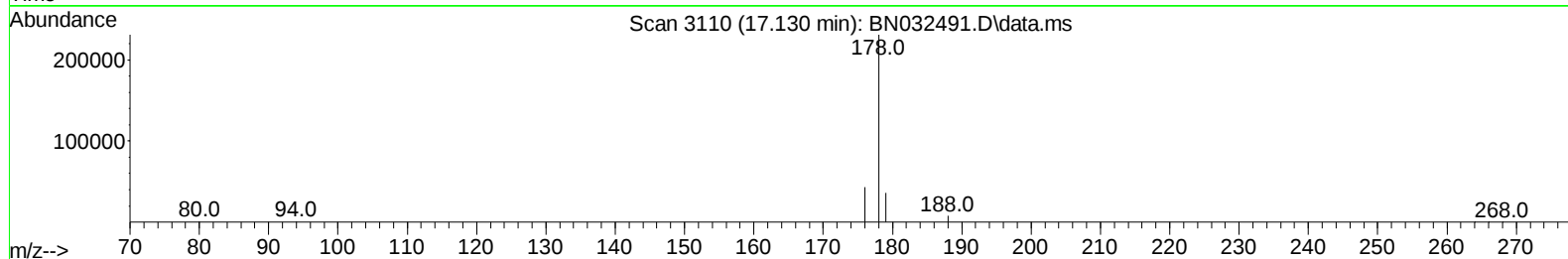
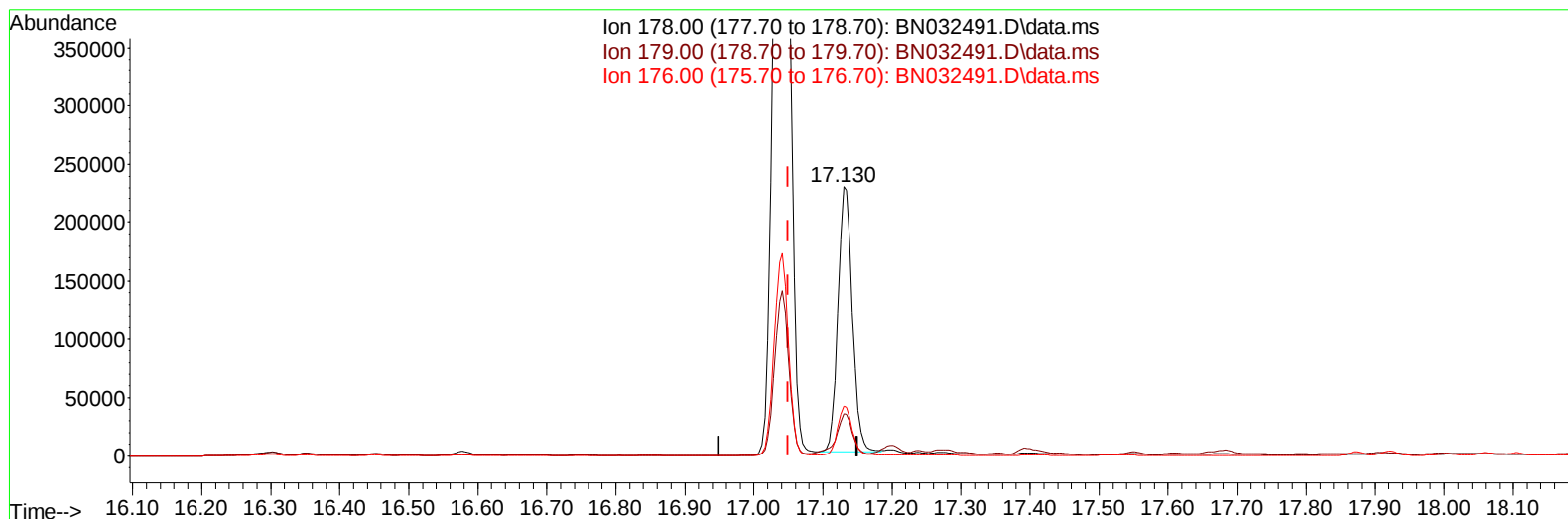
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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
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TIC: BN032491.D\data.ms

(15) Phenanthrene

17.130min (+ 0.080) 5.15 ng/u1

response 327546

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.63
176.00	19.50	18.51
0.00	0.00	0.00

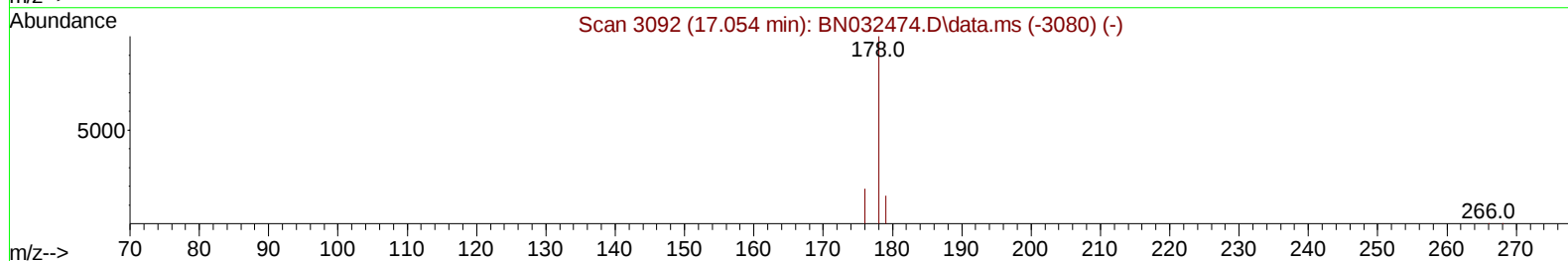
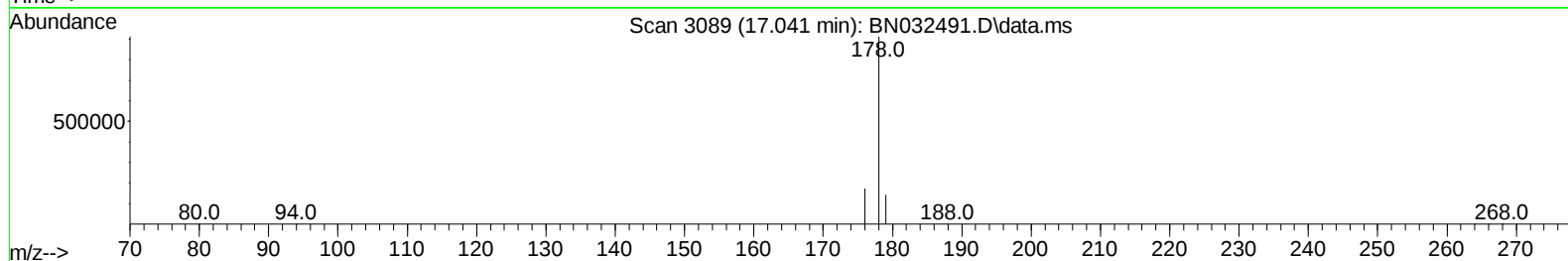
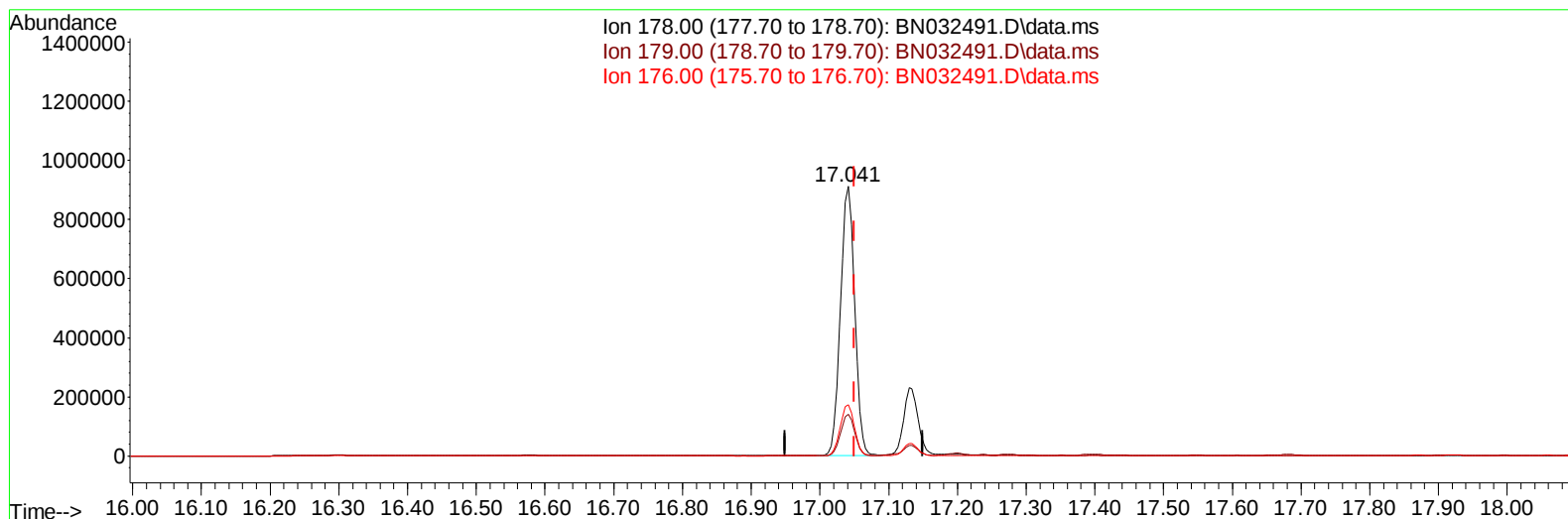
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(15) Phenanthrene

17.041min (-0.009) 20.65 ng/ul m

response 1314180

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.53
176.00	19.50	19.07
0.00	0.00	0.00

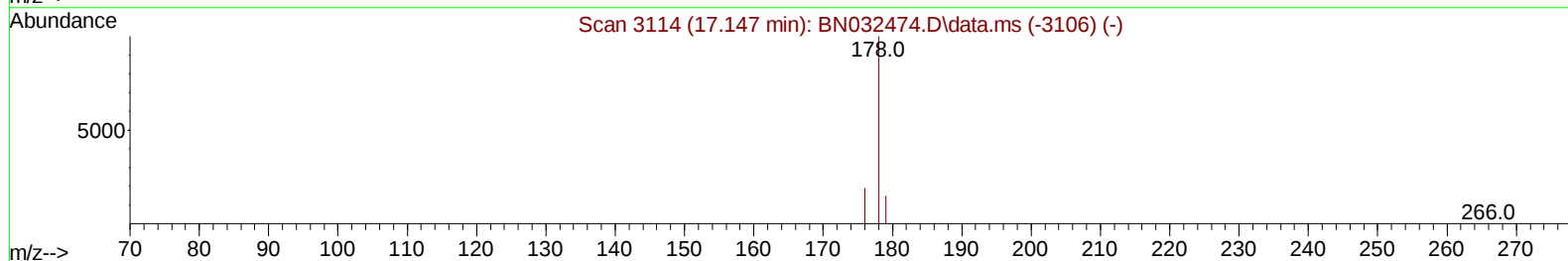
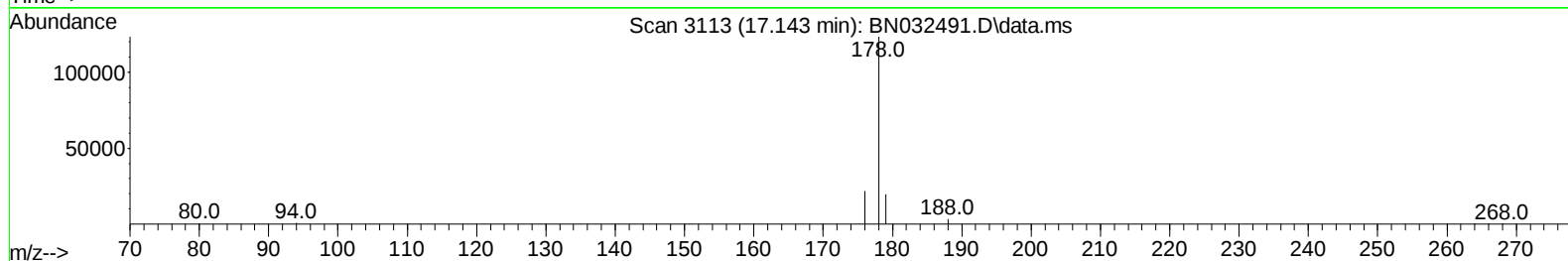
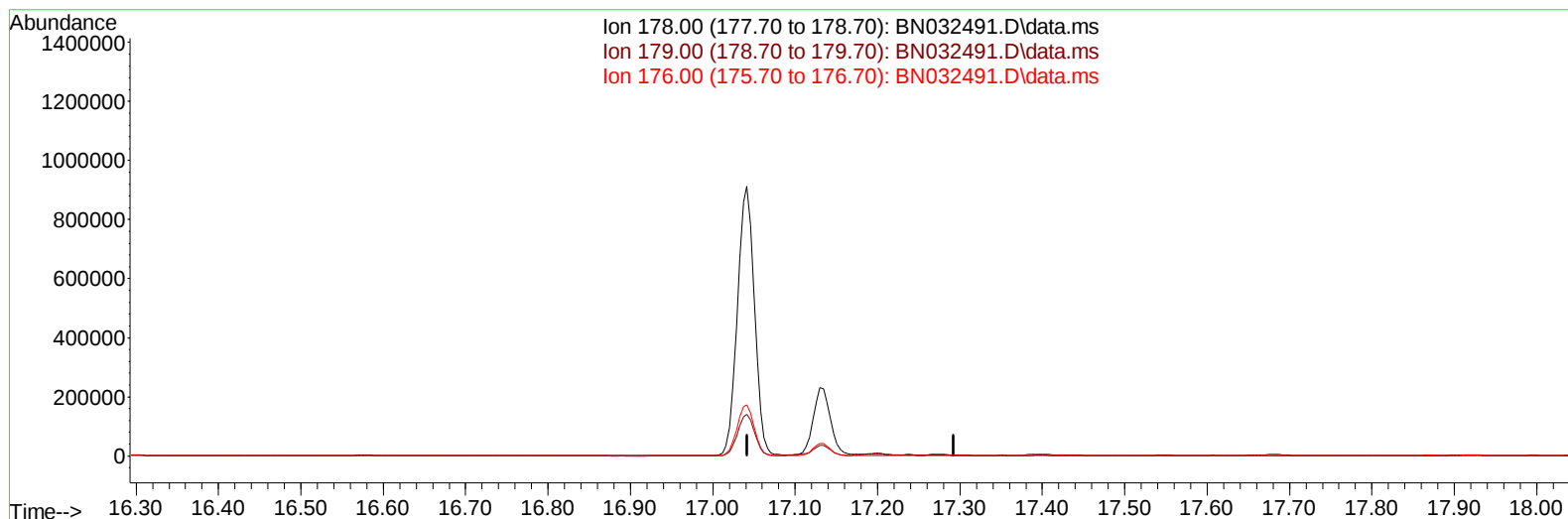
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032491.D
 Acq On : 05 Jul 2024 01:58
 Operator : MA/JU
 Sample : P2964-08
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.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

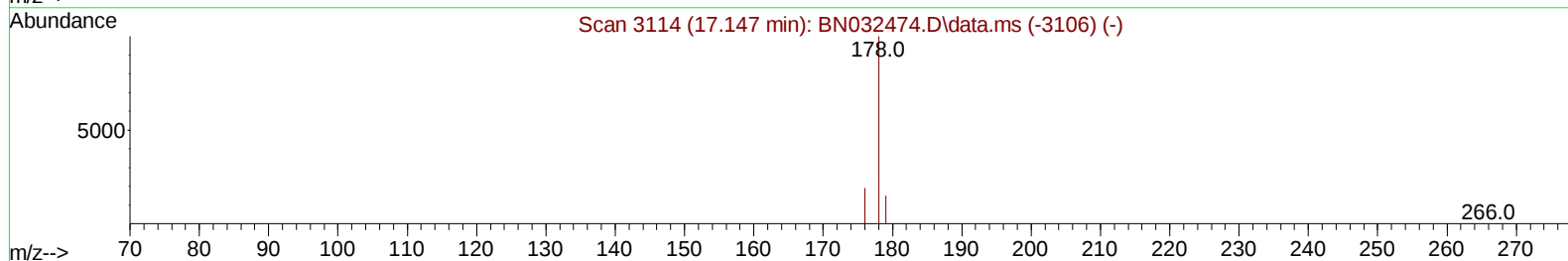
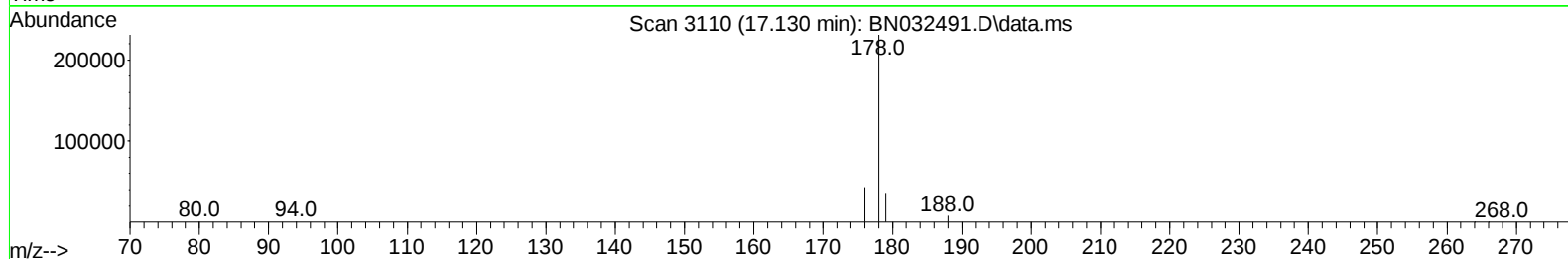
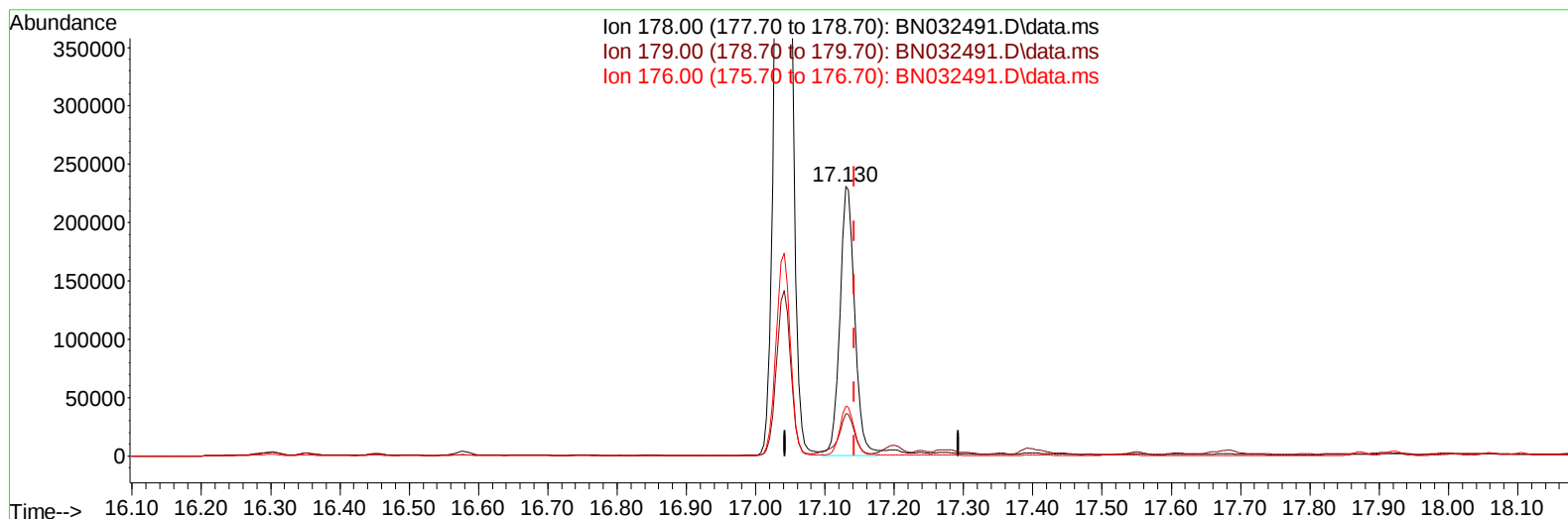
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(16) Anthracene

17.130min (-0.013) 6.03 ng/ul m

response 342428

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.63
176.00	18.80	18.51
0.00	0.00	0.00

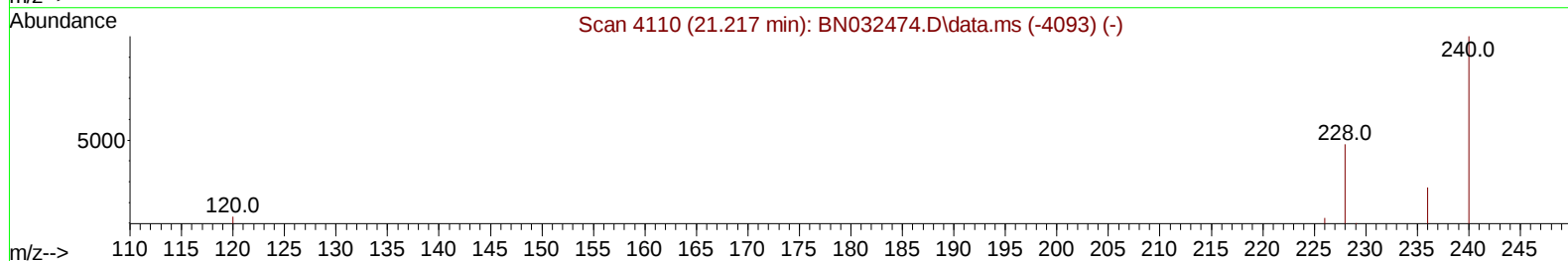
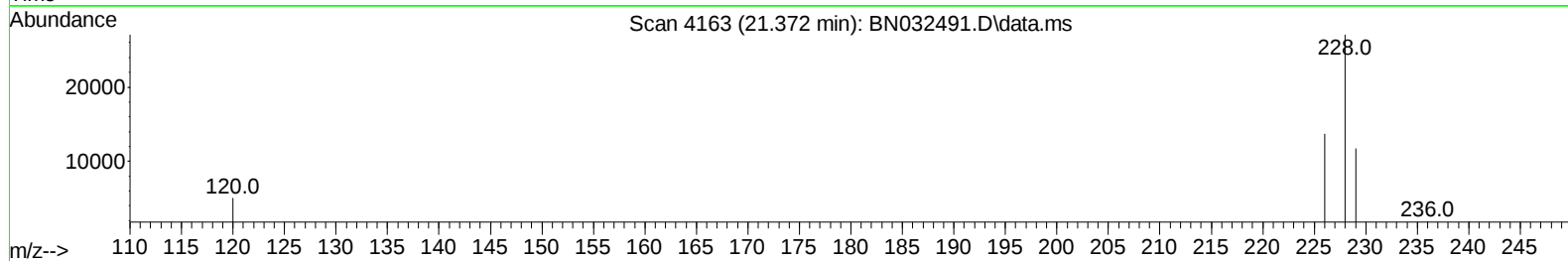
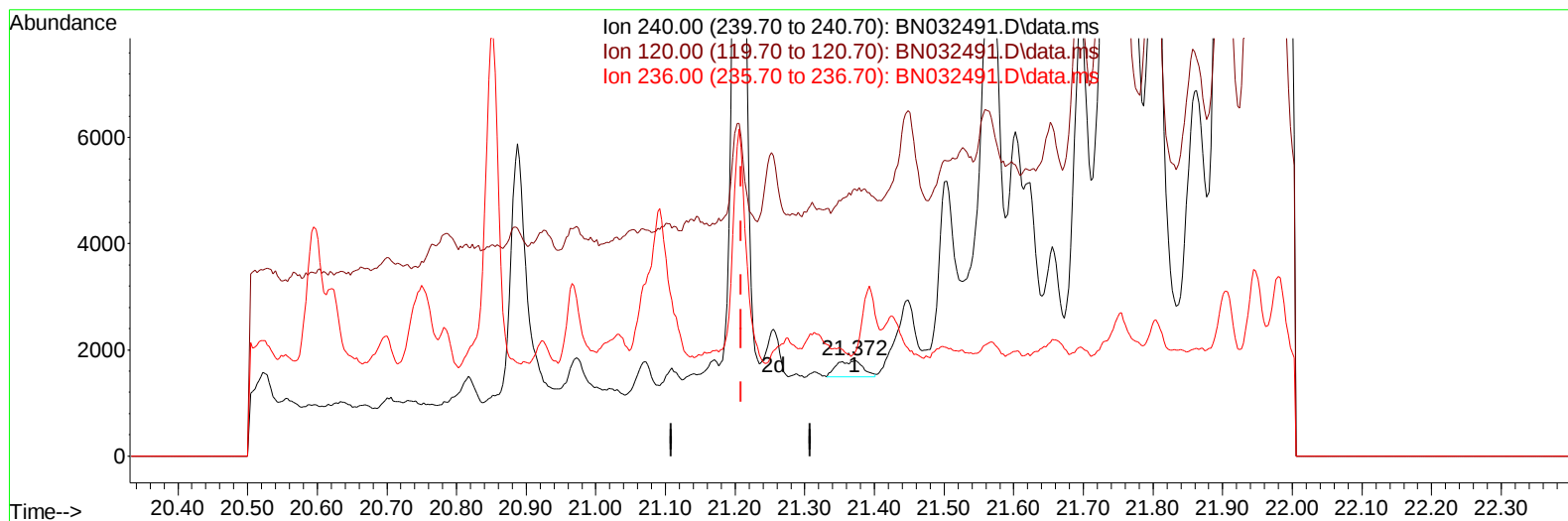
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032491.D\data.ms

(17) Chrysene-d12

21.372min (+ 0.163) 0.40 ng/u1

response 807

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	279.06#
236.00	28.40	107.04#
0.00	0.00	0.00

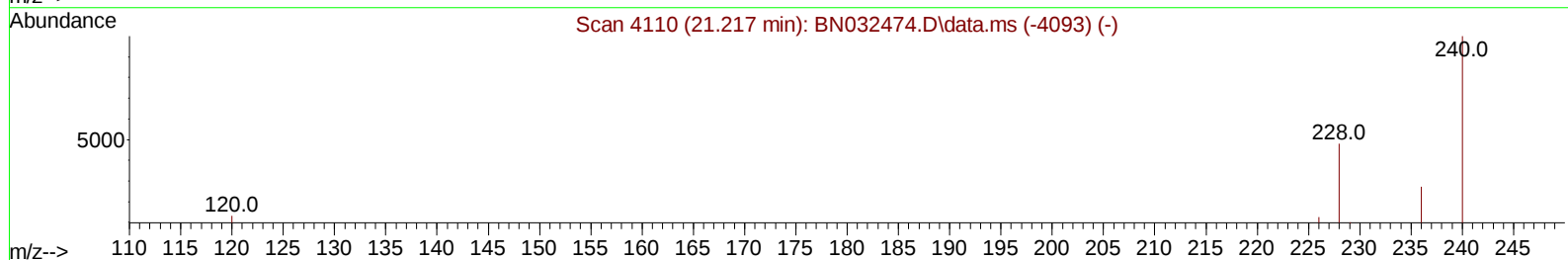
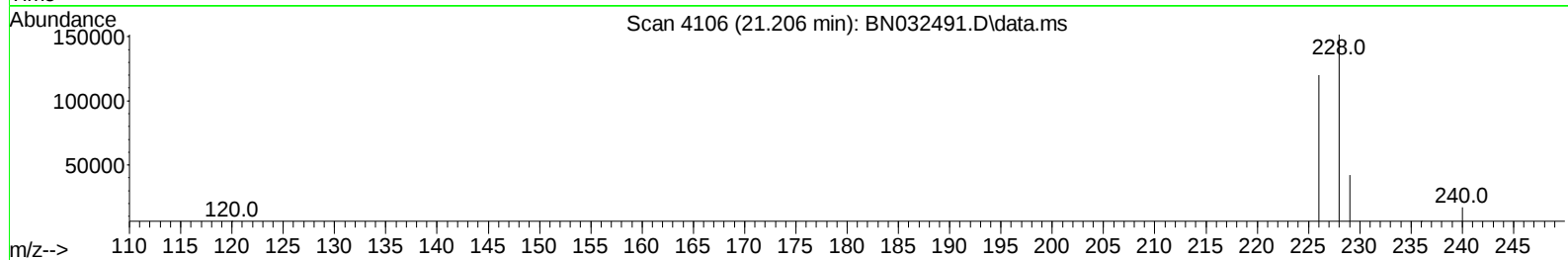
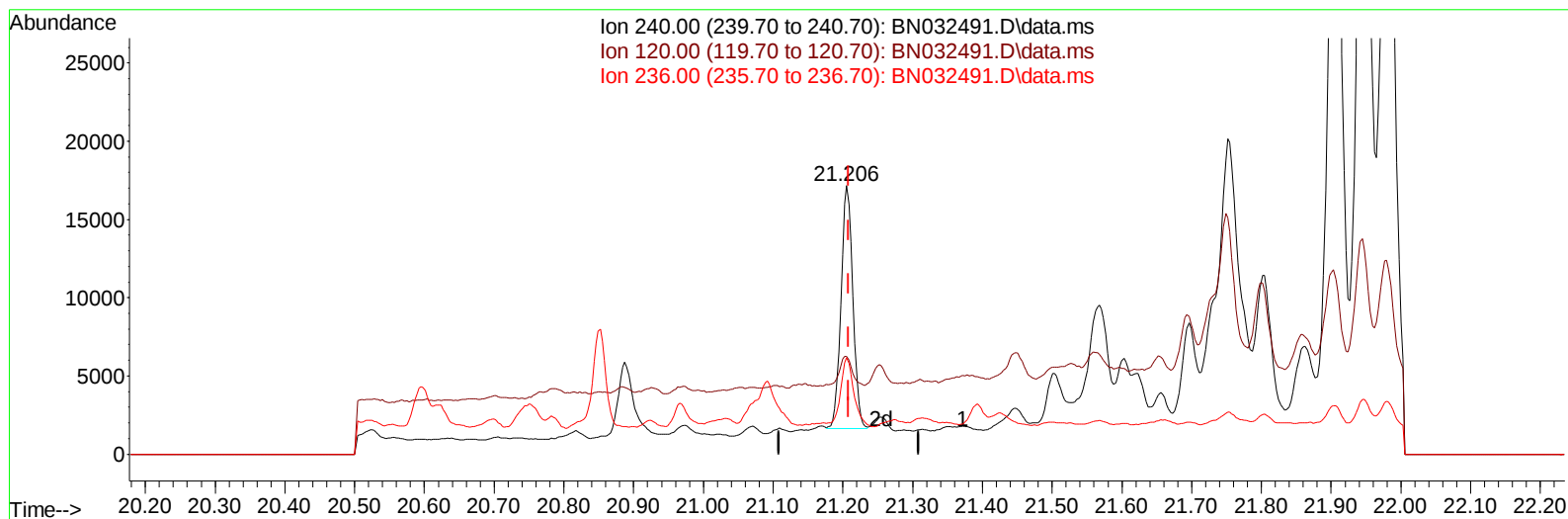
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(17) Chrysene-d12

21.206min (-0.003) 0.40 ng/ul m

response 18341

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	36.53#
236.00	28.40	35.89#
0.00	0.00	0.00

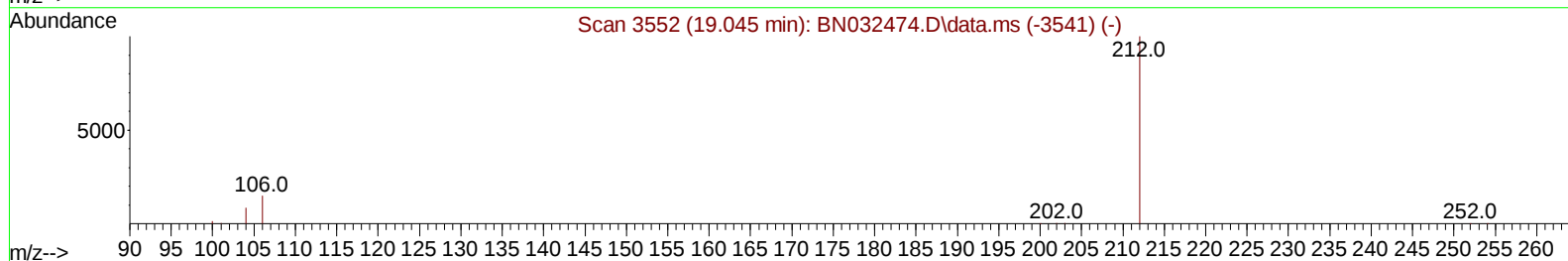
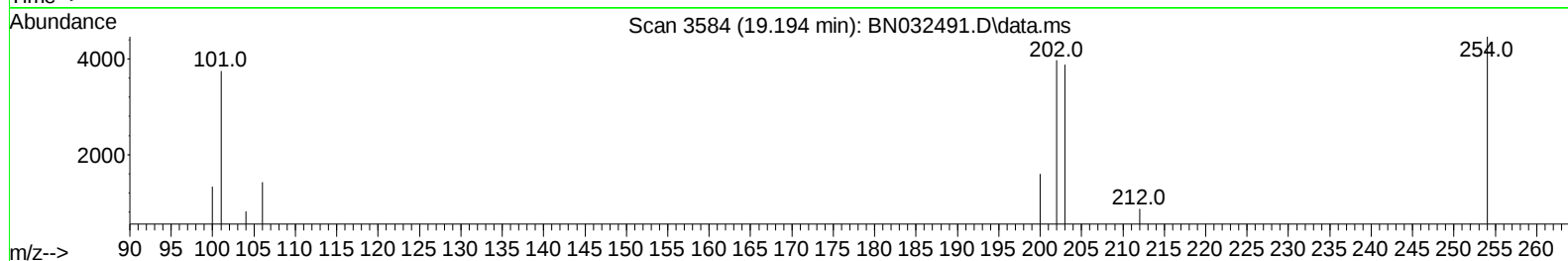
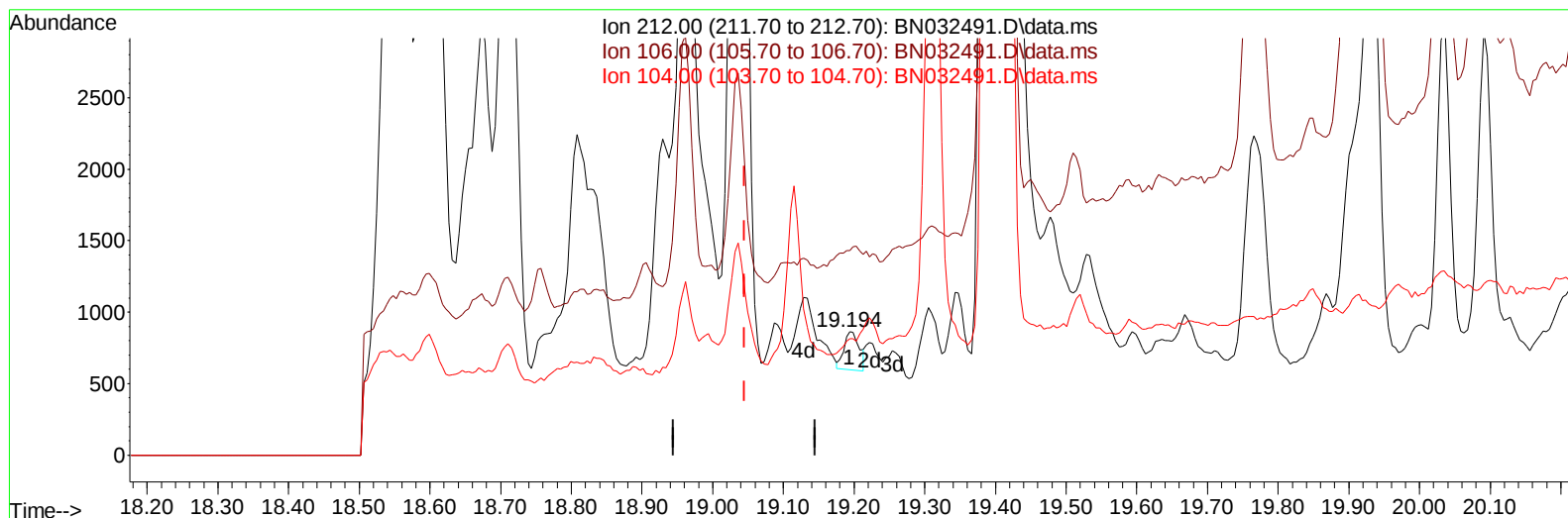
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032491.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.194min (+ 0.149) 0.01 ng/u1

response 399

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	122.06#
104.00	8.40	0.00#
0.00	0.00	0.00

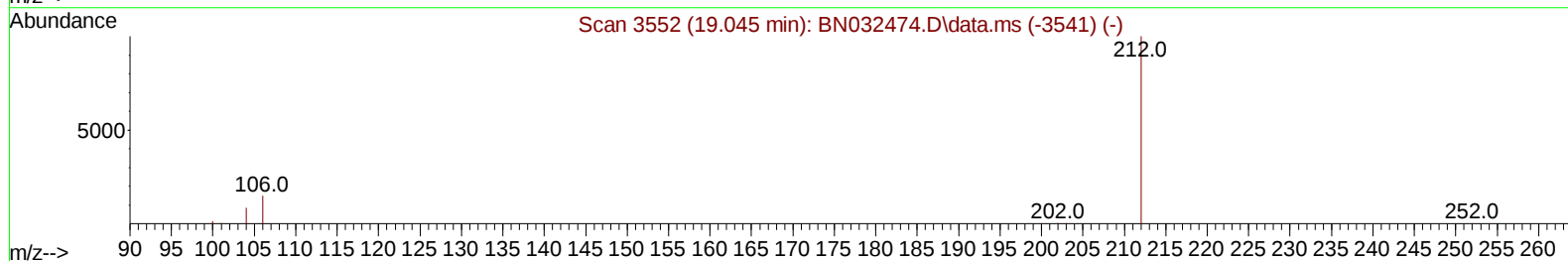
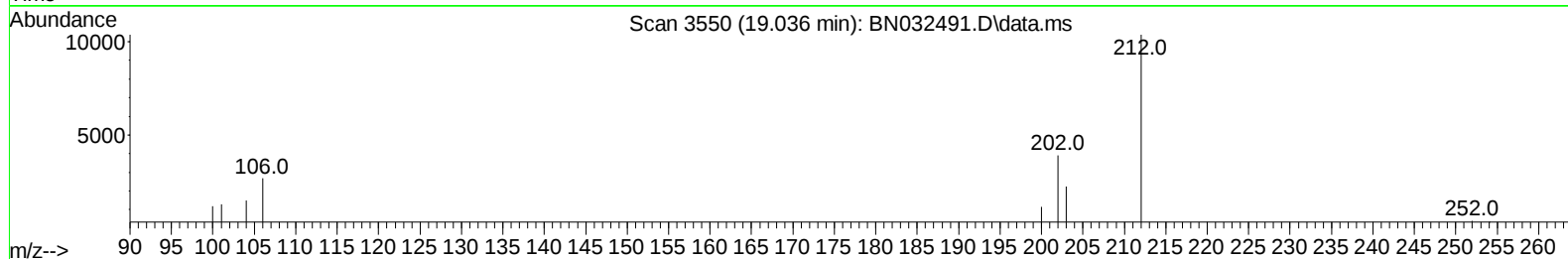
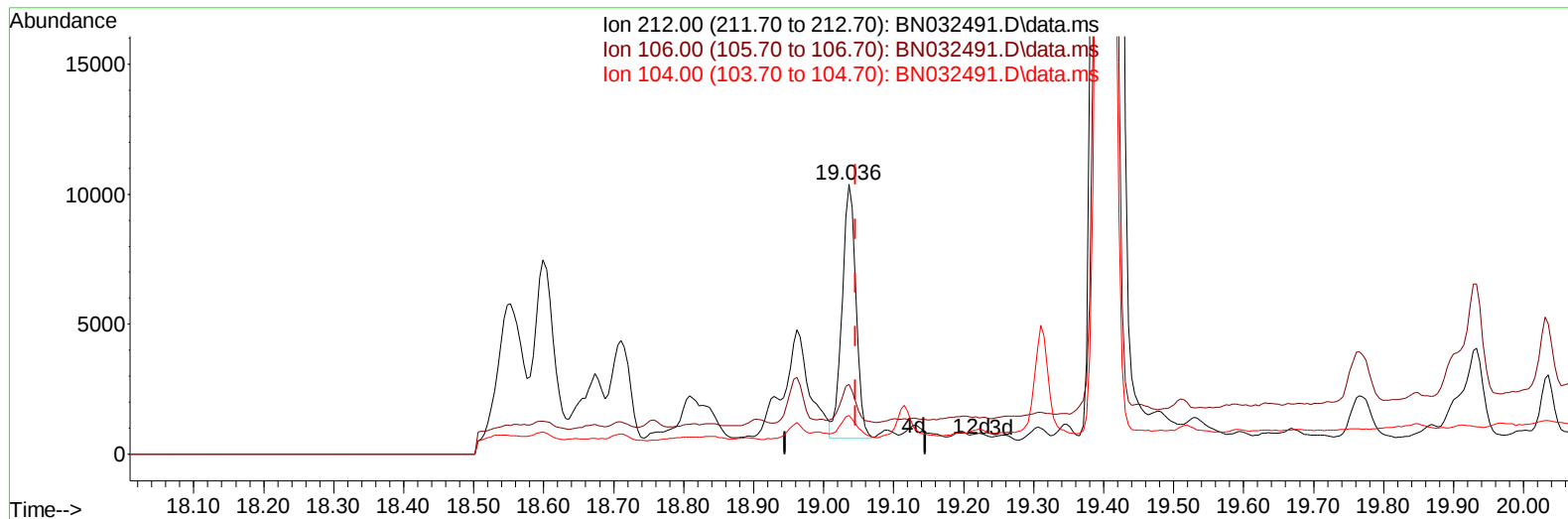
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032491.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.036min (-0.009) 0.24 ng/ul m

response 13498

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	3.61#
104.00	8.40	0.00#
0.00	0.00	0.00

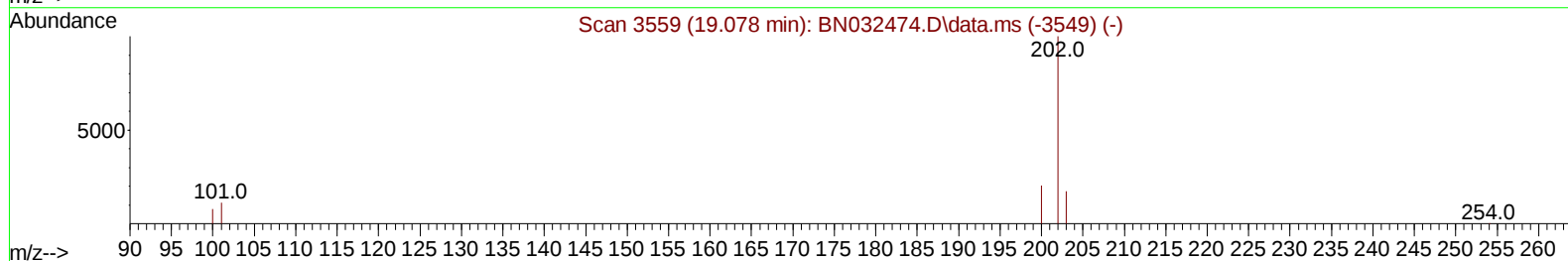
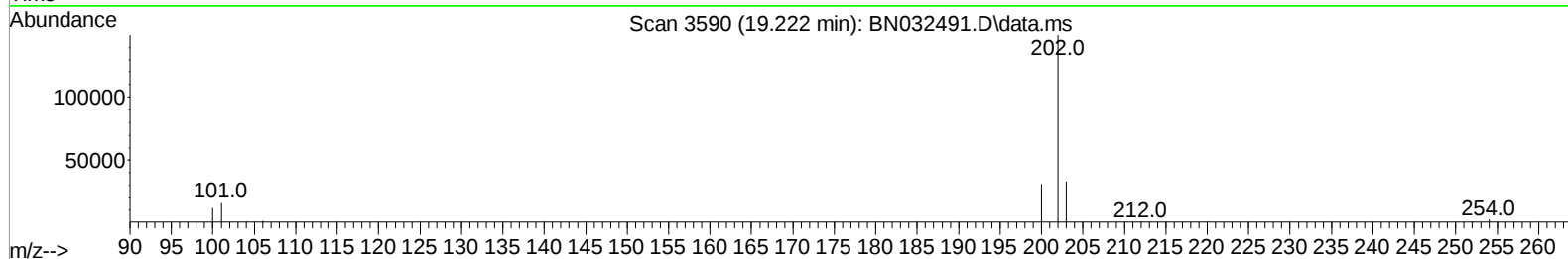
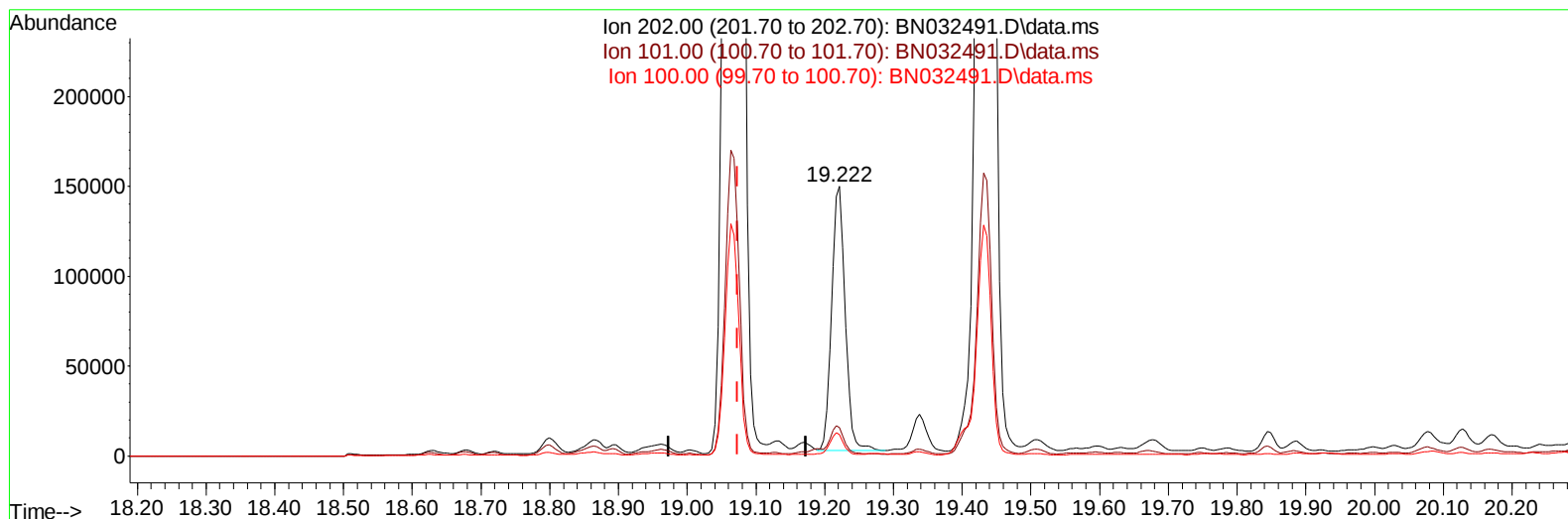
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(19) Fluoranthene (C)

19.222min (+ 0.149) 2.88 ng/u1

response 200831

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	10.48
100.00	8.00	7.86
0.00	0.00	0.00

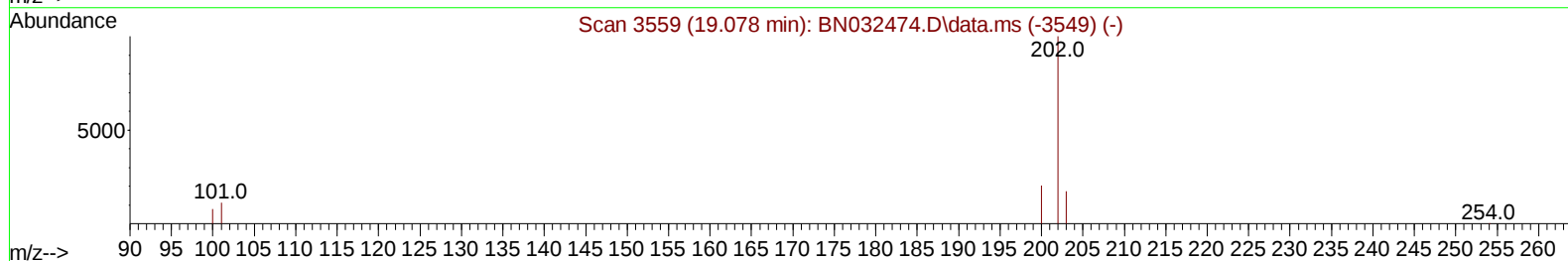
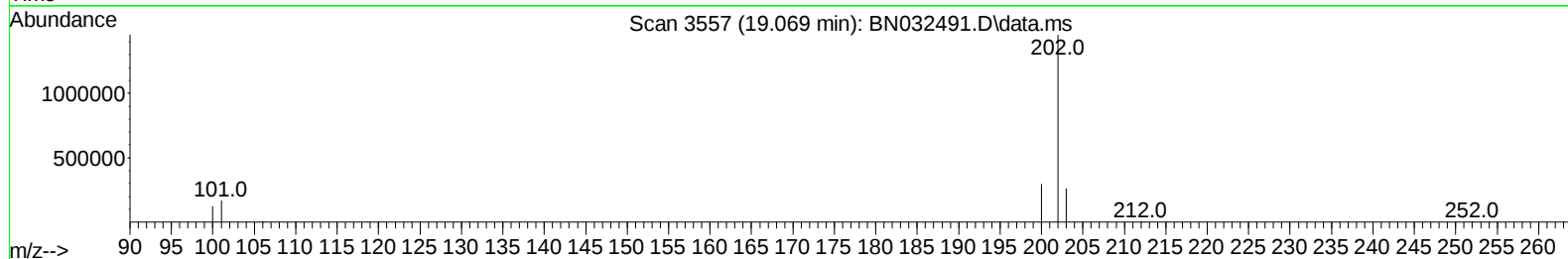
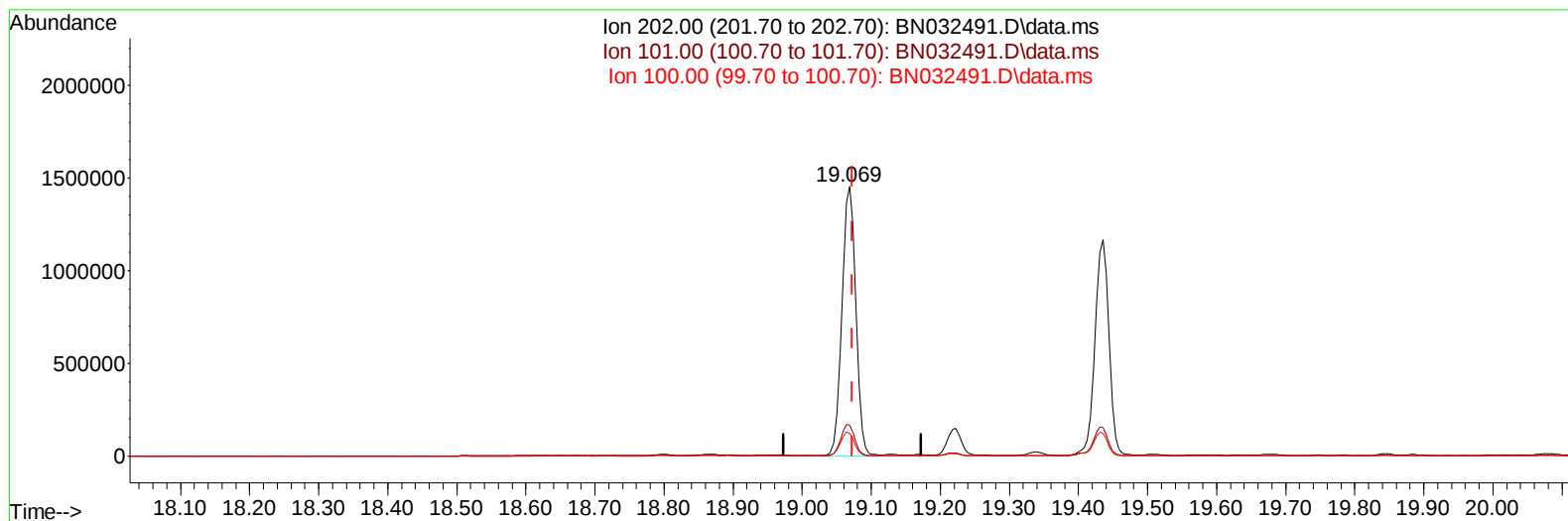
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(19) Fluoranthene (C)

19.069min (-0.005) 29.27 ng/ul m

response 2044407

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.39
100.00	8.00	8.45
0.00	0.00	0.00

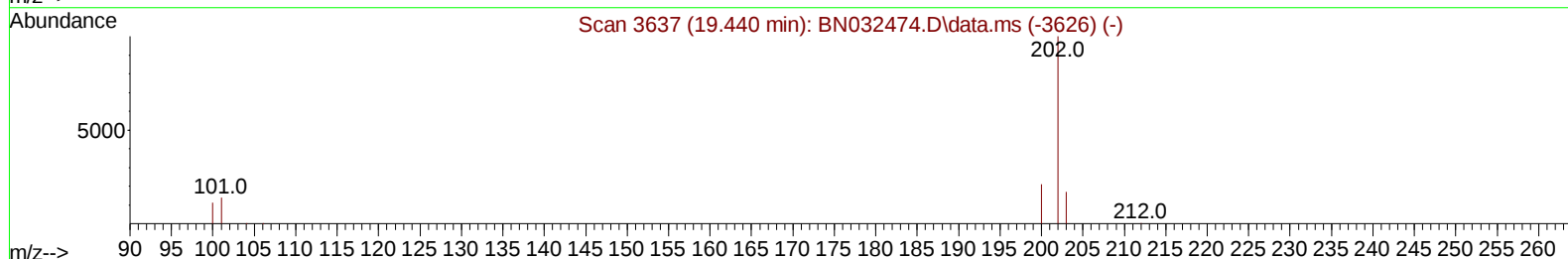
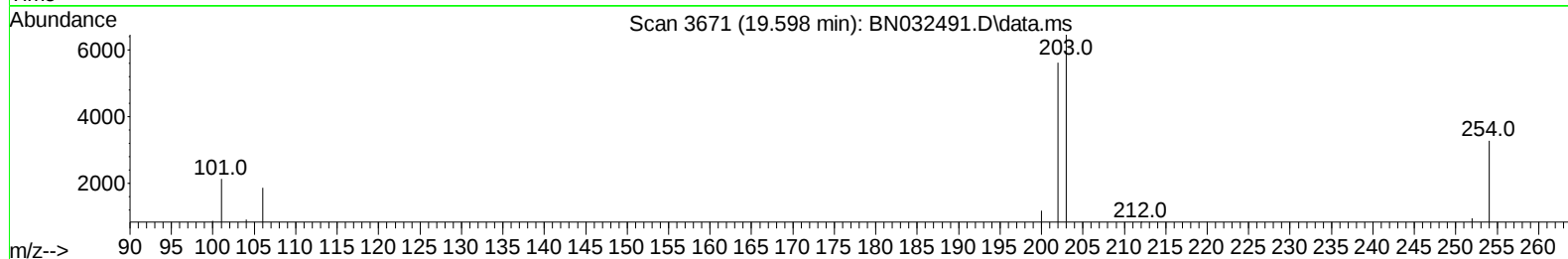
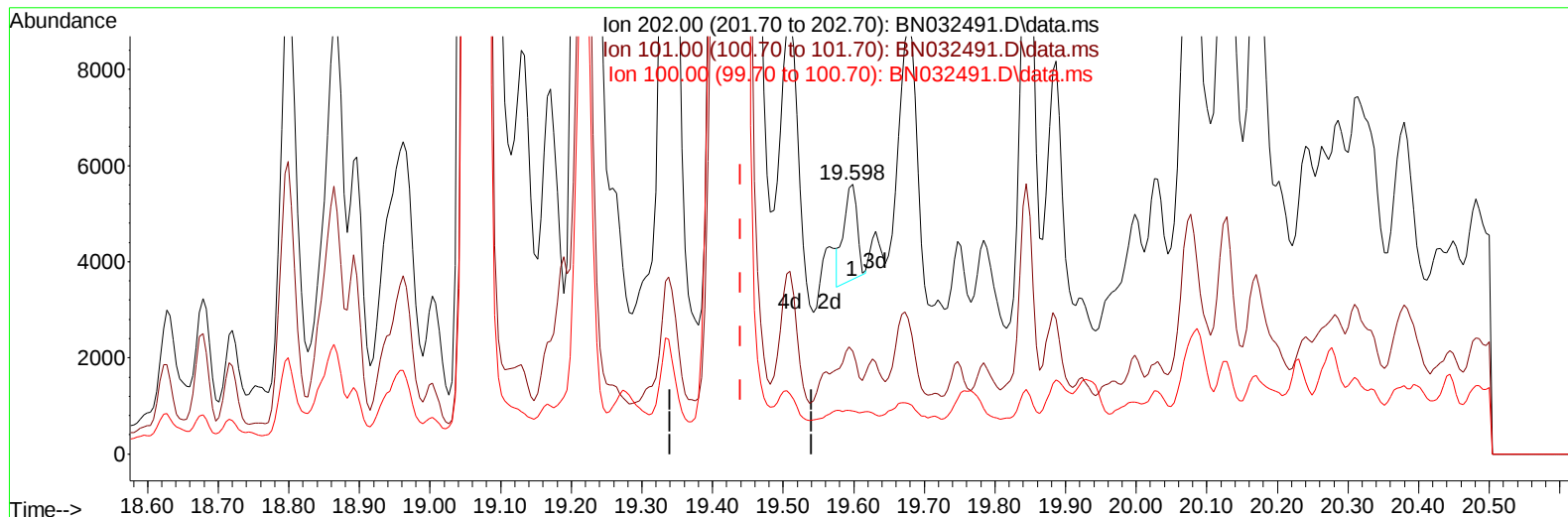
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(20) Pyrene

19.598min (+ 0.158) 0.04 ng/u1

response 2652

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	38.13#
100.00	10.90	15.89#
0.00	0.00	0.00

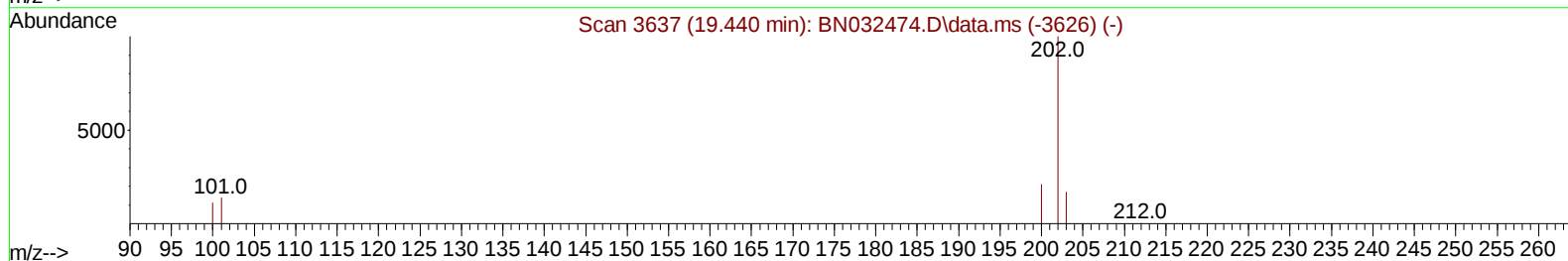
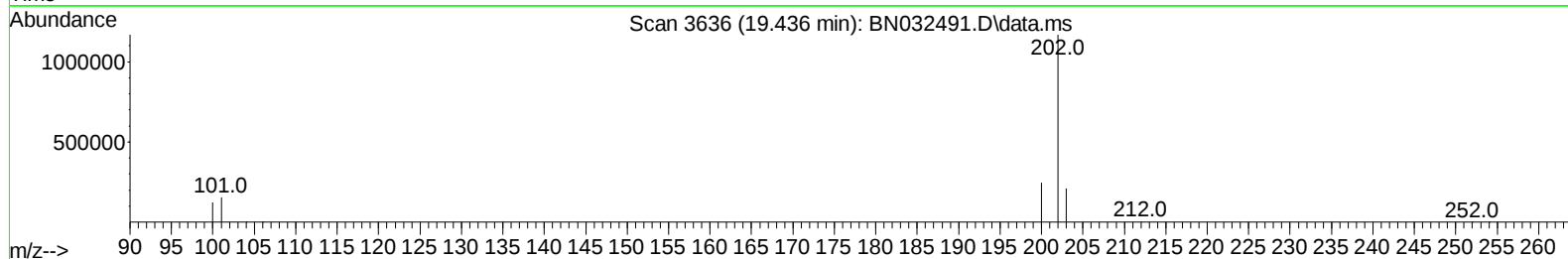
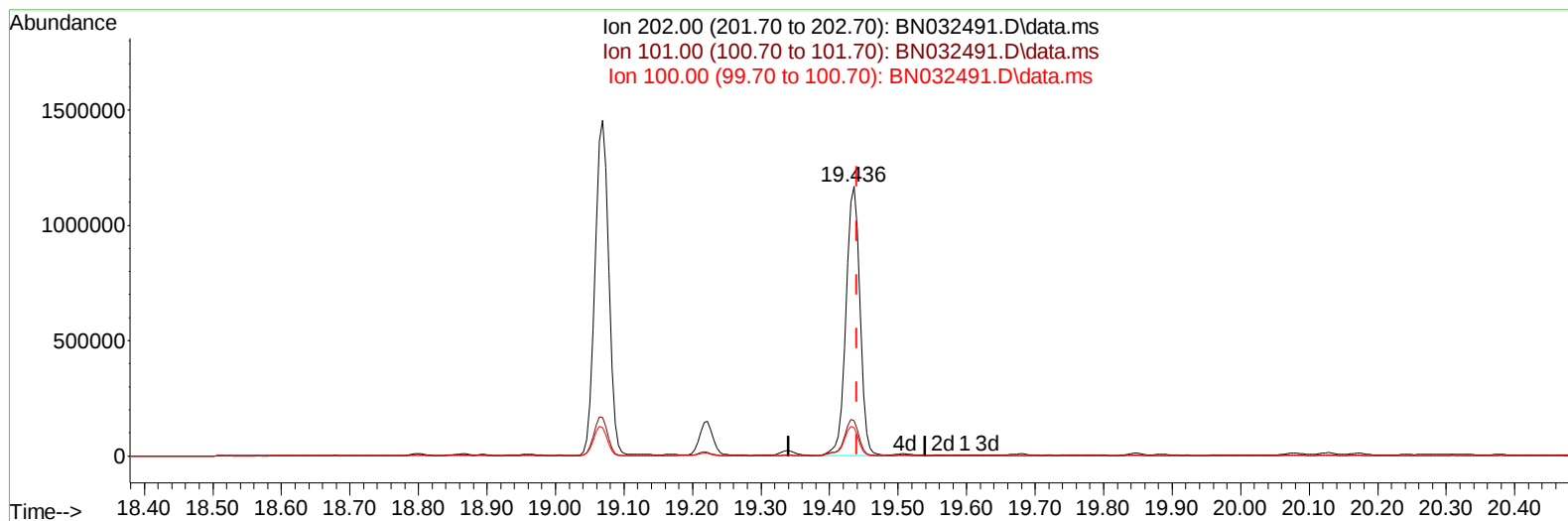
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(20) Pyrene

19.436min (-0.005) 22.74 ng/ul m

response 1659491

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.10
100.00	10.90	10.49
0.00	0.00	0.00

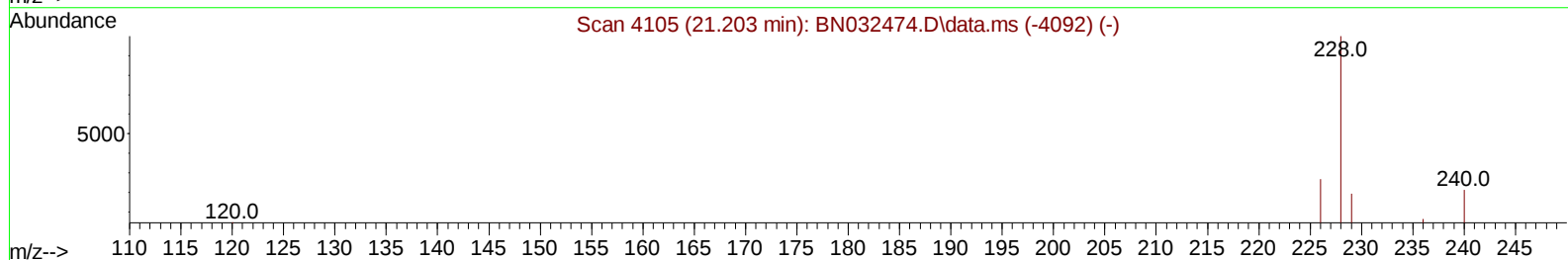
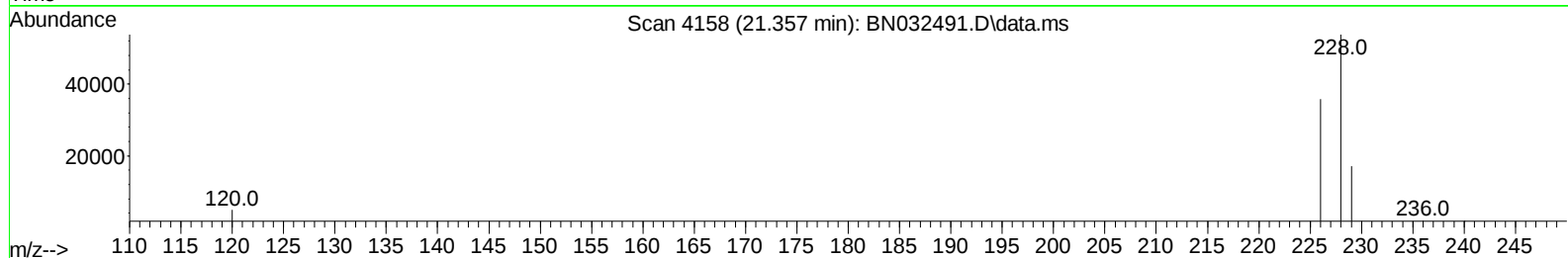
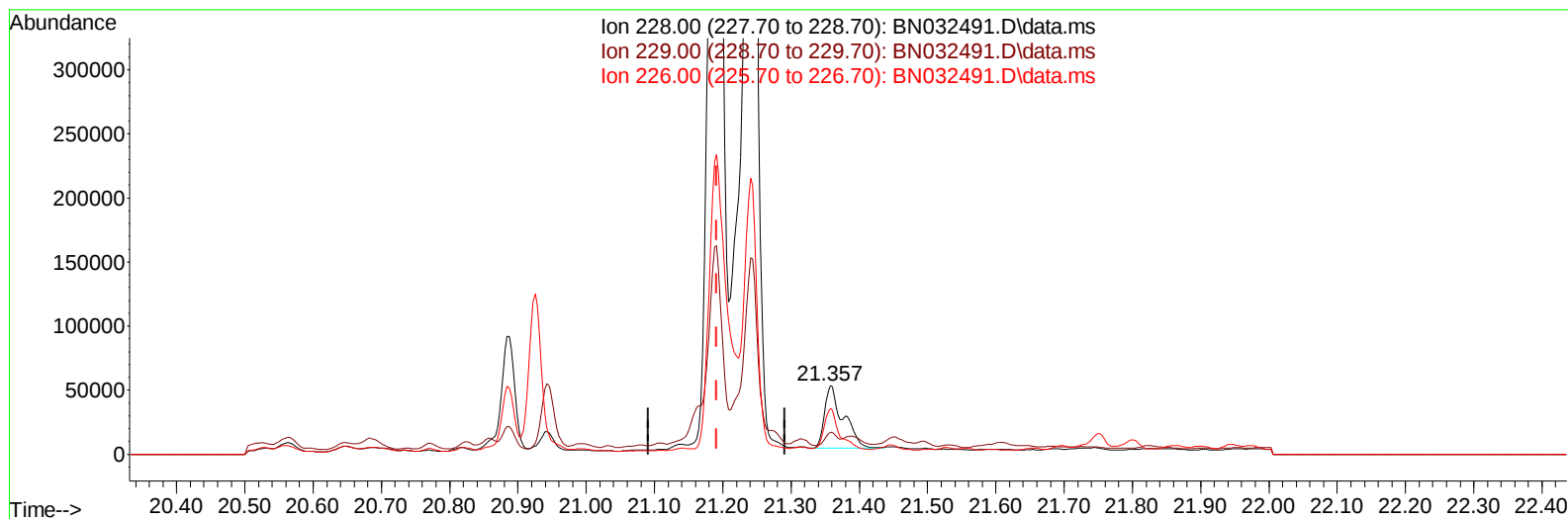
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
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TIC: BN032491.D\data.ms

(21) Benzo(a)anthracene

21.357min (+ 0.166) 1.43 ng/u1

response 94738

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	31.65#
226.00	27.30	66.58#
0.00	0.00	0.00

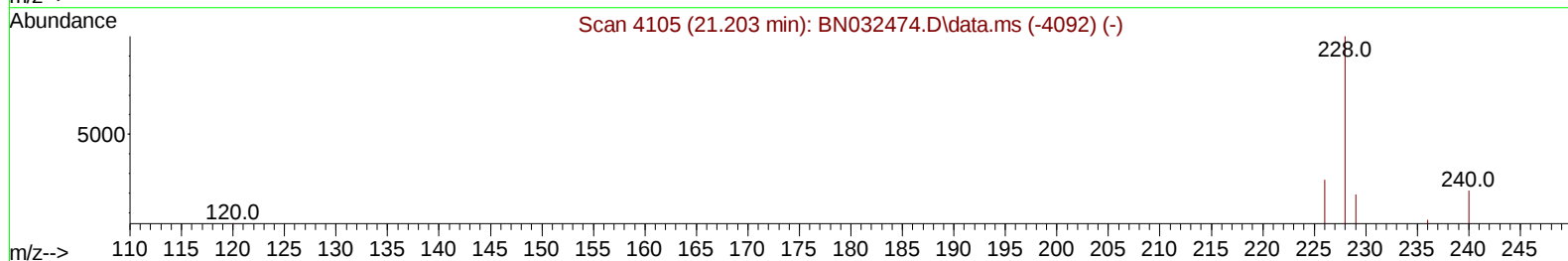
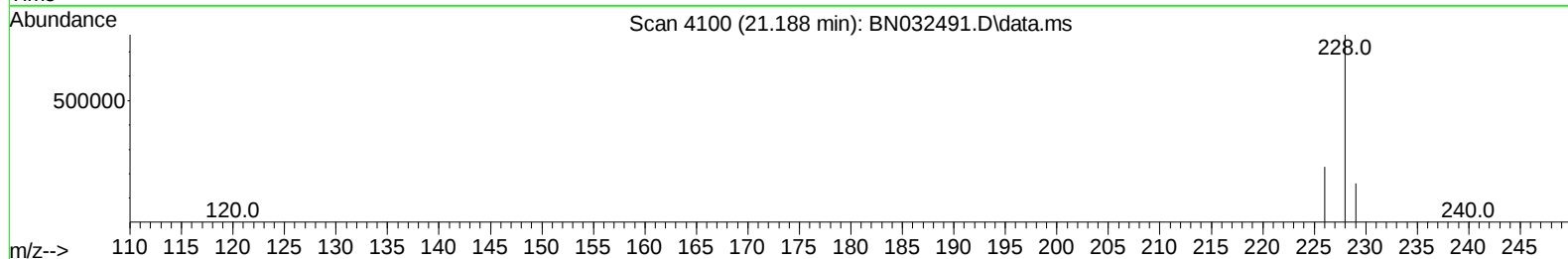
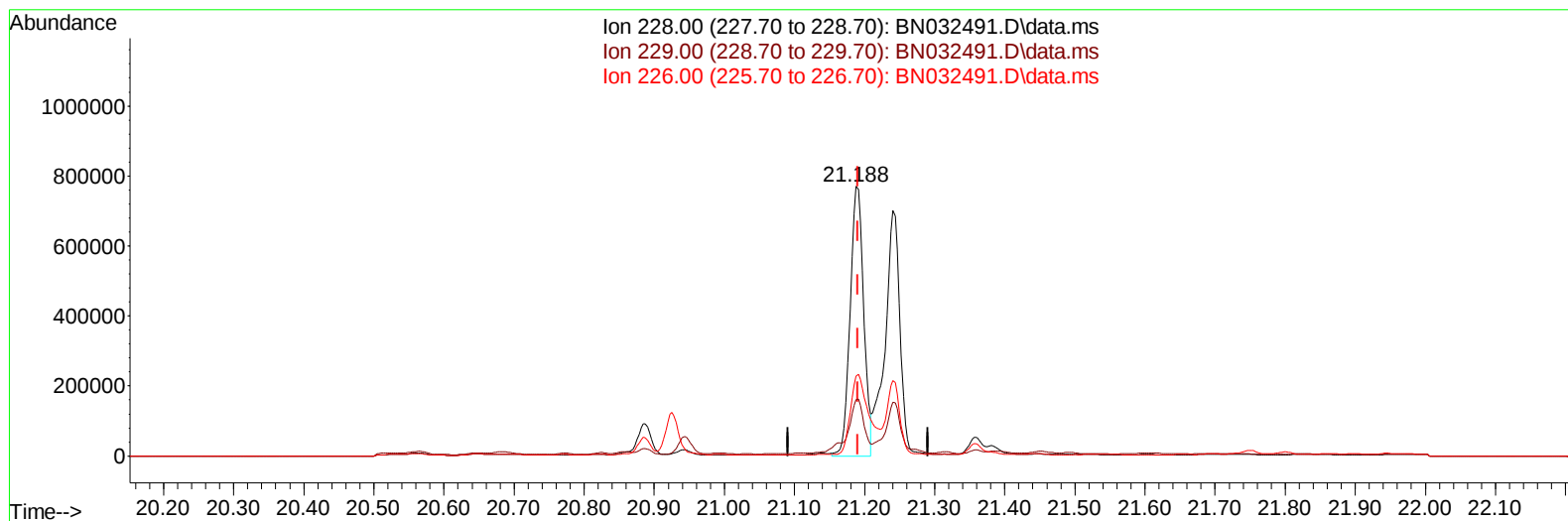
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(21) Benzo(a)anthracene

21.188min (-0.003) 15.56 ng/ul m

response 1029932

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.98
226.00	27.30	29.65
0.00	0.00	0.00

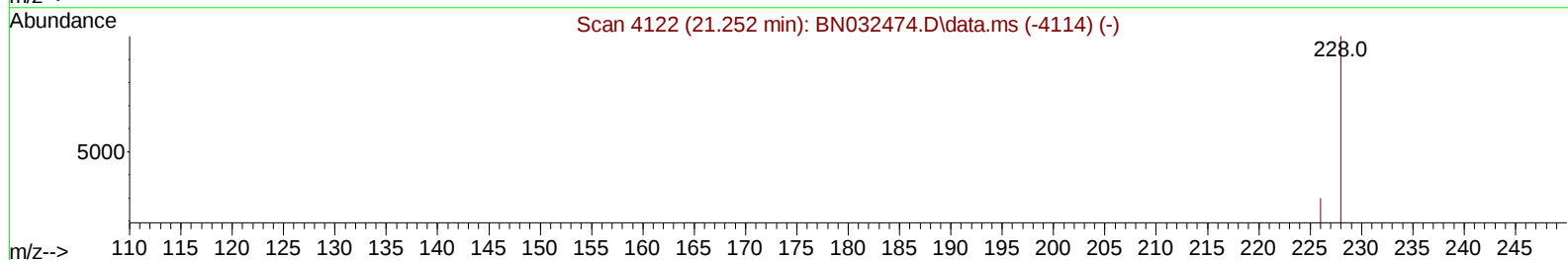
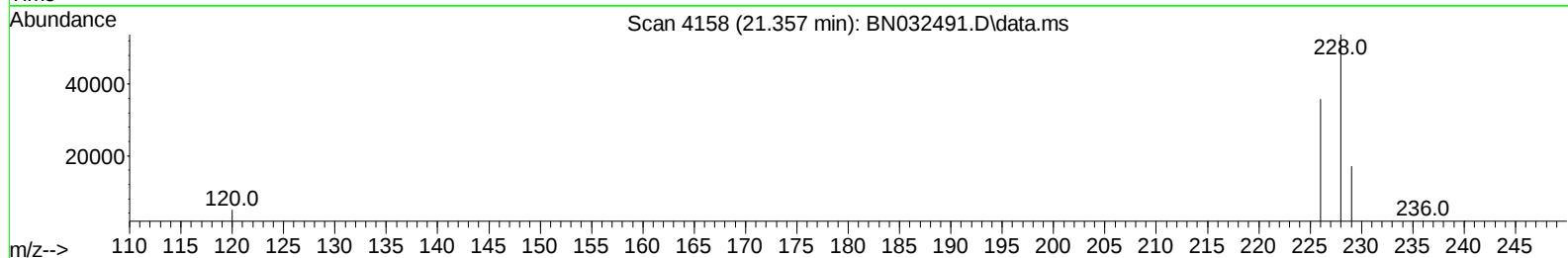
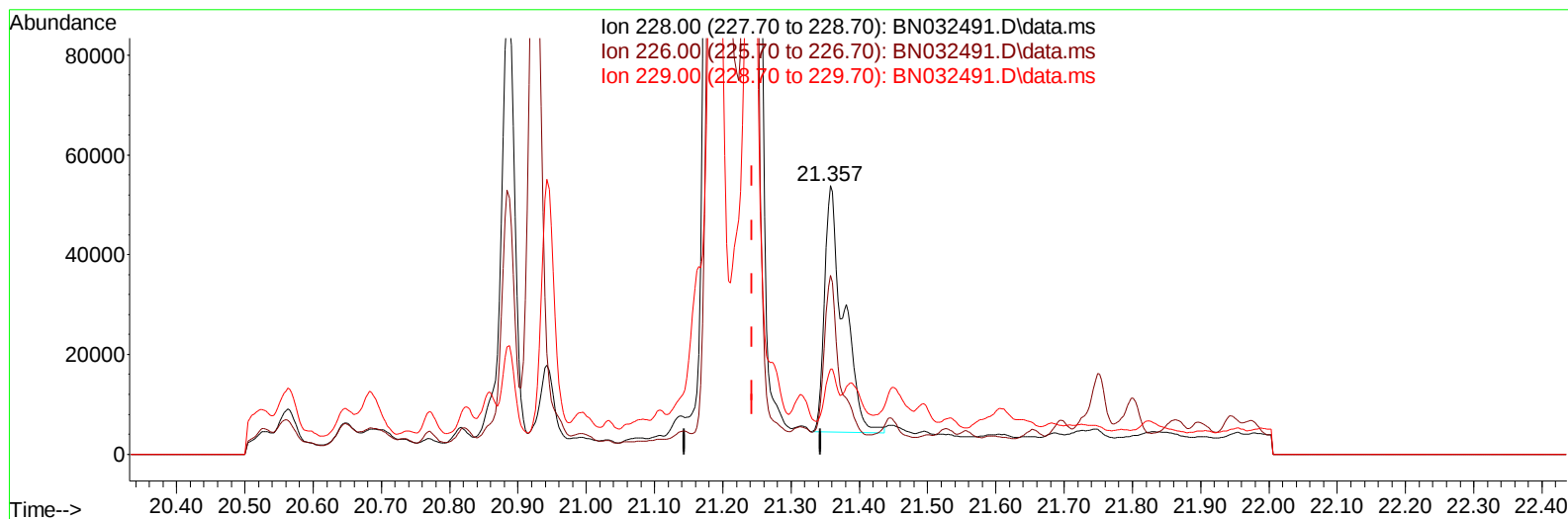
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(22) Chrysene

21.357min (+ 0.114) 1.32 ng/u1

response 95602

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	66.58#
229.00	19.60	31.65#
0.00	0.00	0.00

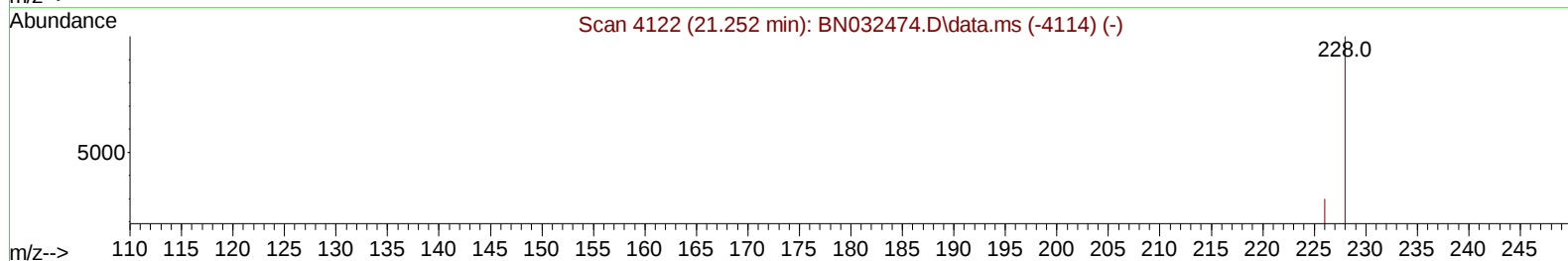
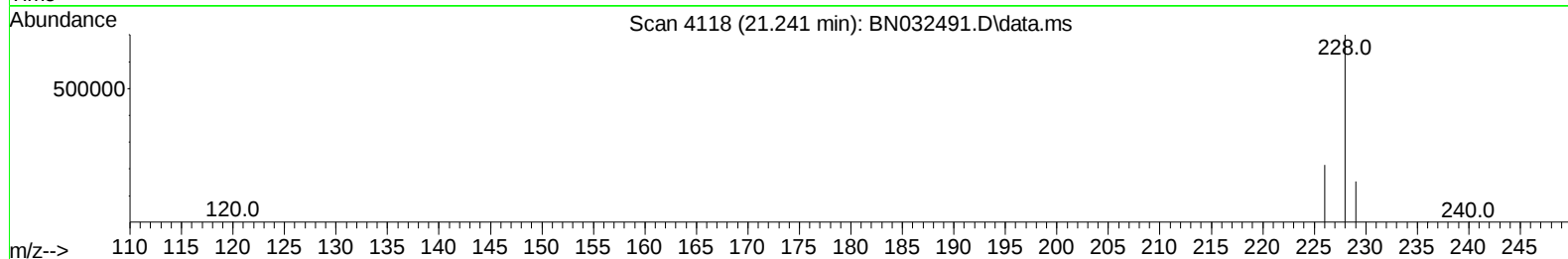
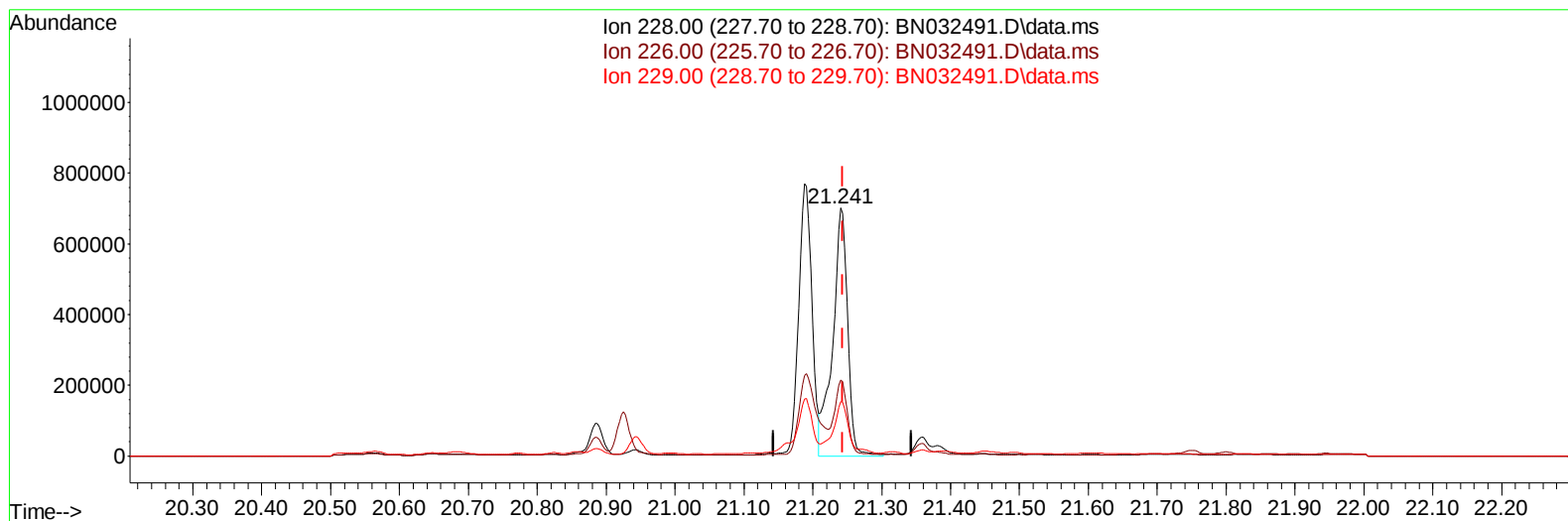
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(22) Chrysene

21.241min (-0.003) 14.62 ng/ul m

response 1061937

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.79
229.00	19.60	21.86
0.00	0.00	0.00

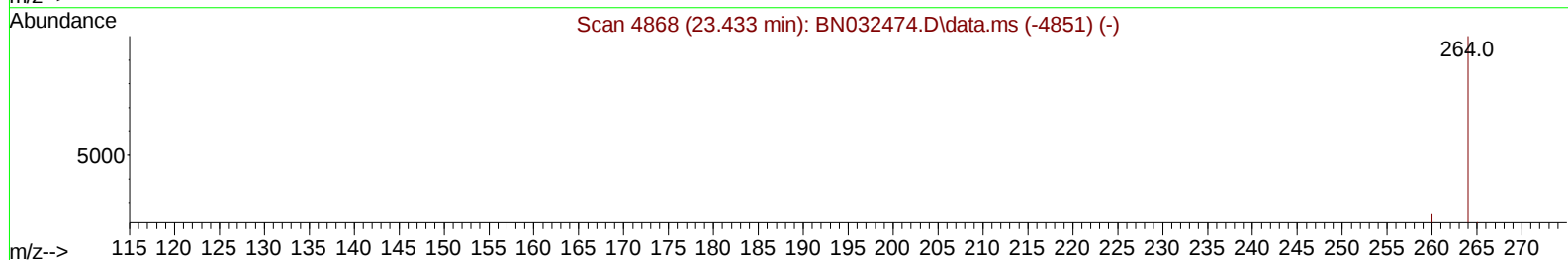
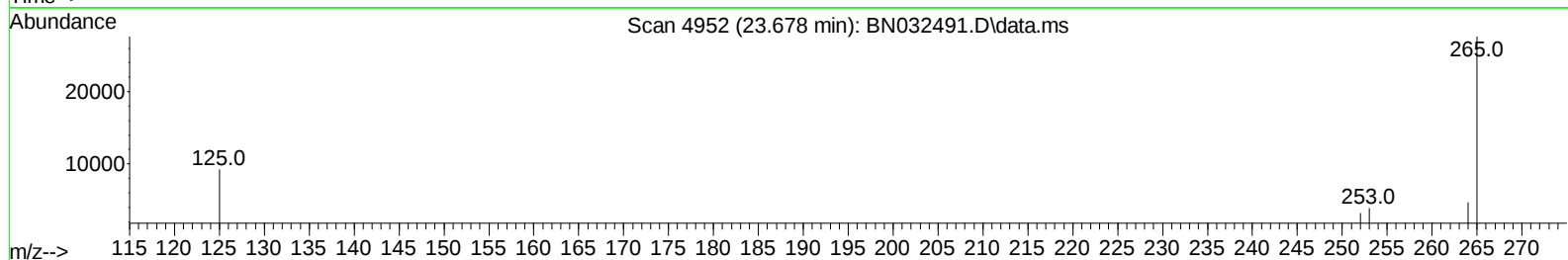
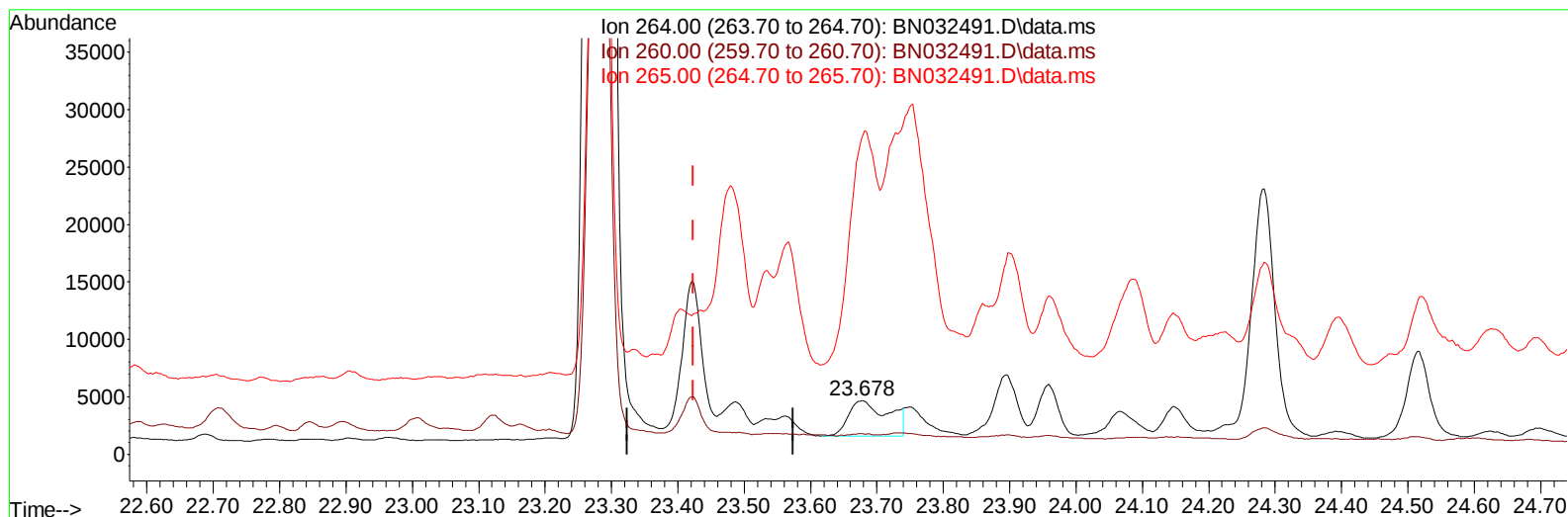
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(23) Perylene-d12 (I)

23.678min (+ 0.254) 0.40 ng/u1

response 12986

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	38.16#
265.00	67.20	591.14#
0.00	0.00	0.00

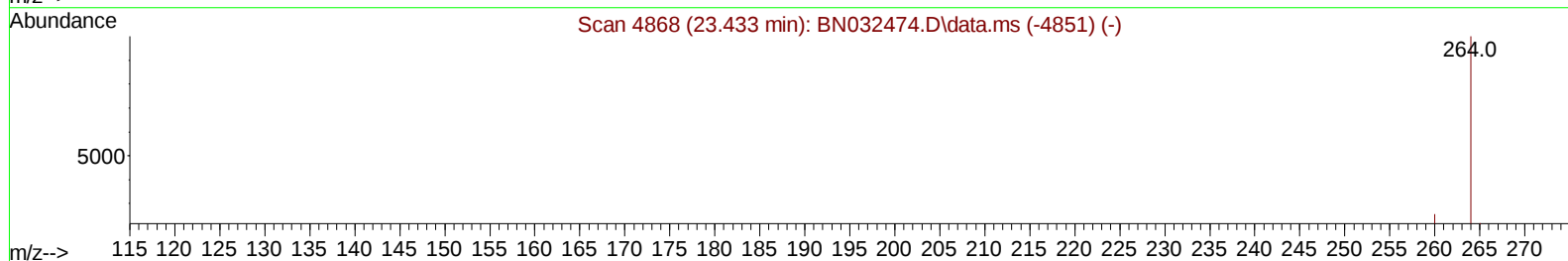
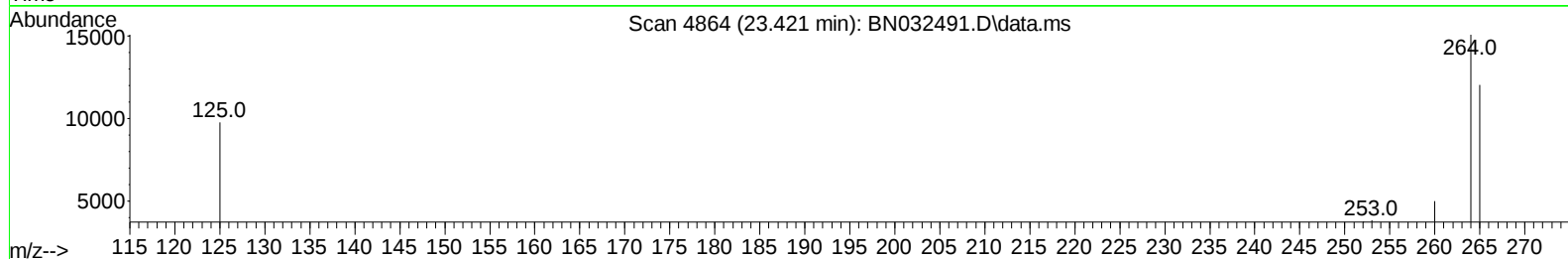
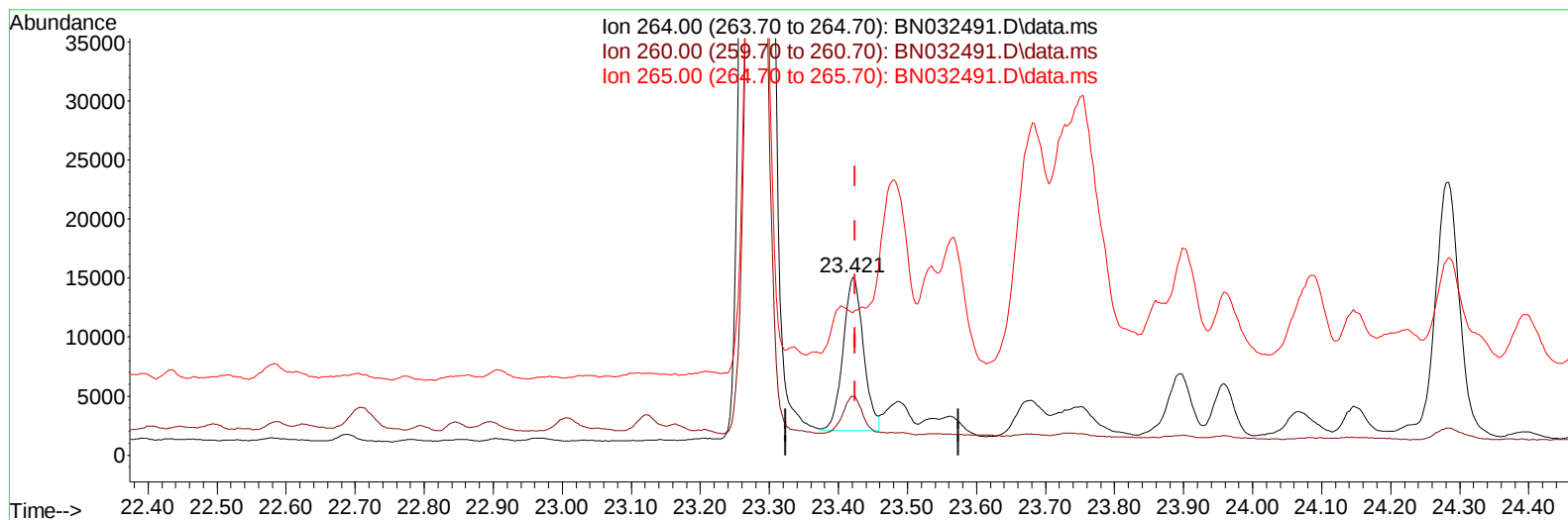
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(23) Perylene-d12 (I)

23.421min (-0.003) 0.40 ng/ul m

response 26740

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	33.07#
265.00	67.20	79.97
0.00	0.00	0.00

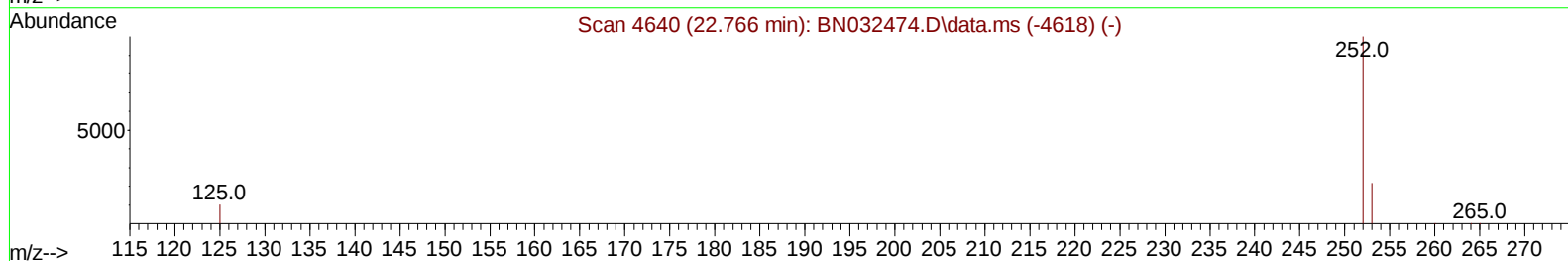
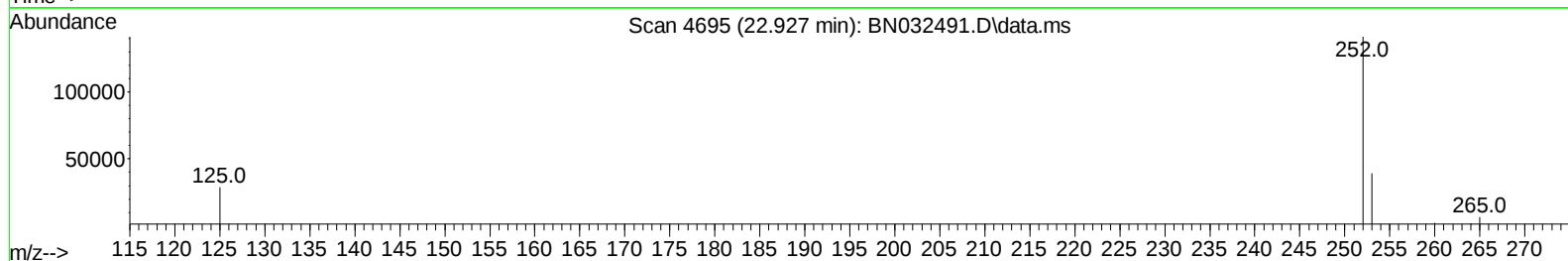
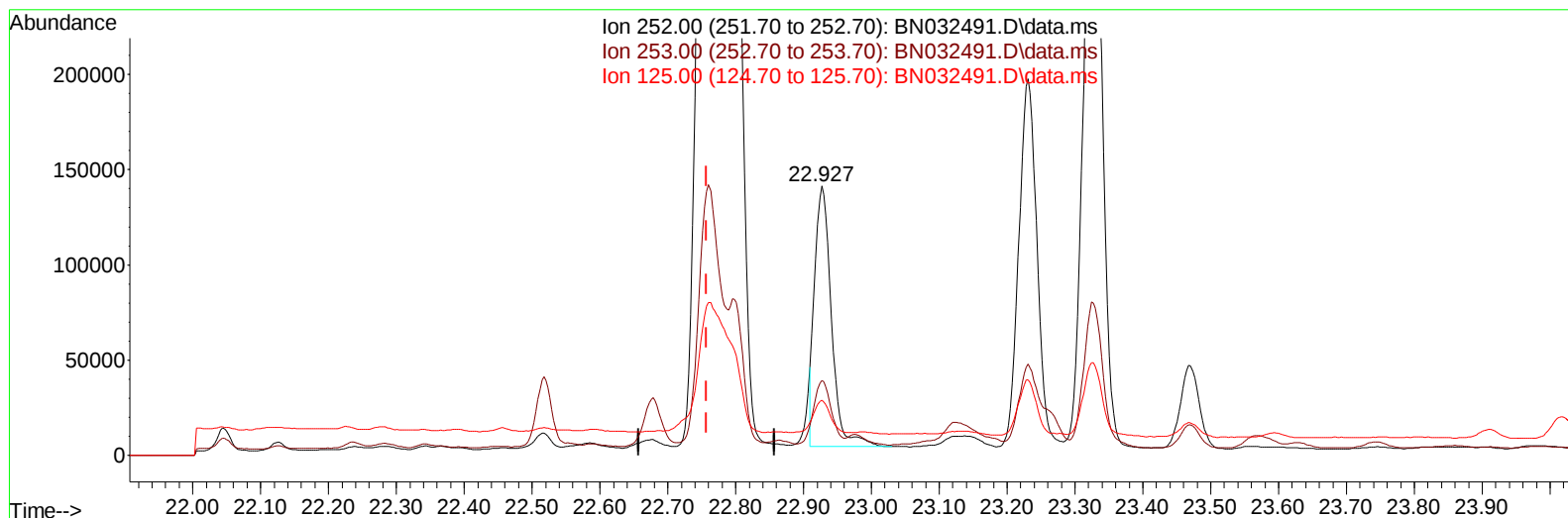
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(24) Benzo(b)fluoranthene

22.927min (+ 0.169) 2.03 ng/u1

response 235609

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	27.67
125.00	16.00	20.31
0.00	0.00	0.00

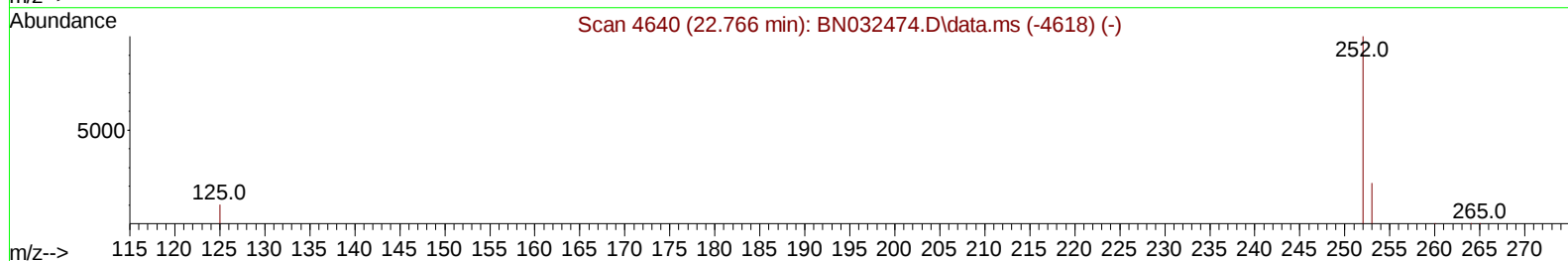
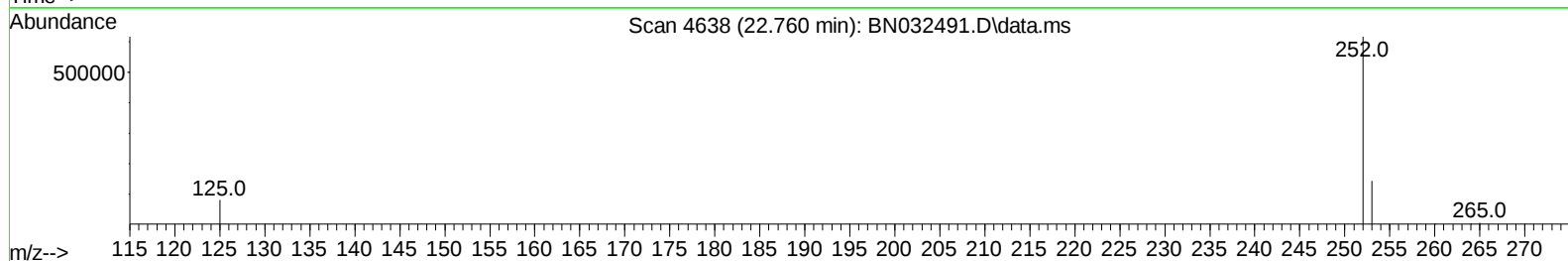
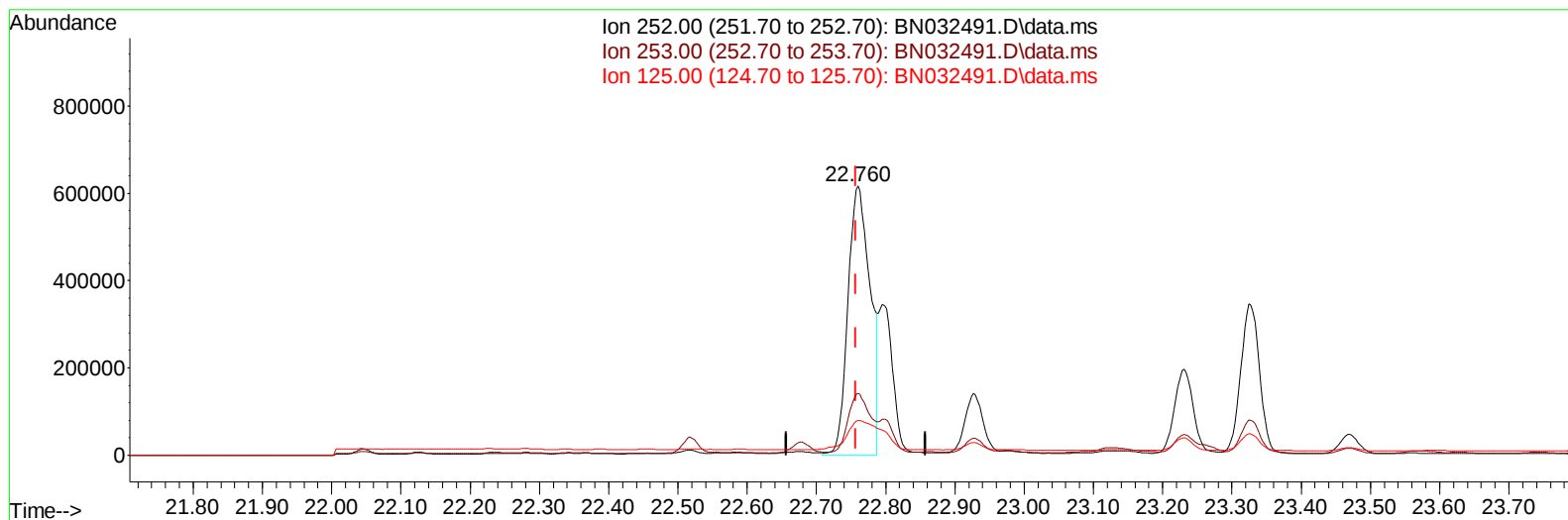
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(24) Benzo(b)fluoranthene

22.760min (+ 0.003) 11.82 ng/ul m

response 1373518

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.04
125.00	16.00	12.99
0.00	0.00	0.00

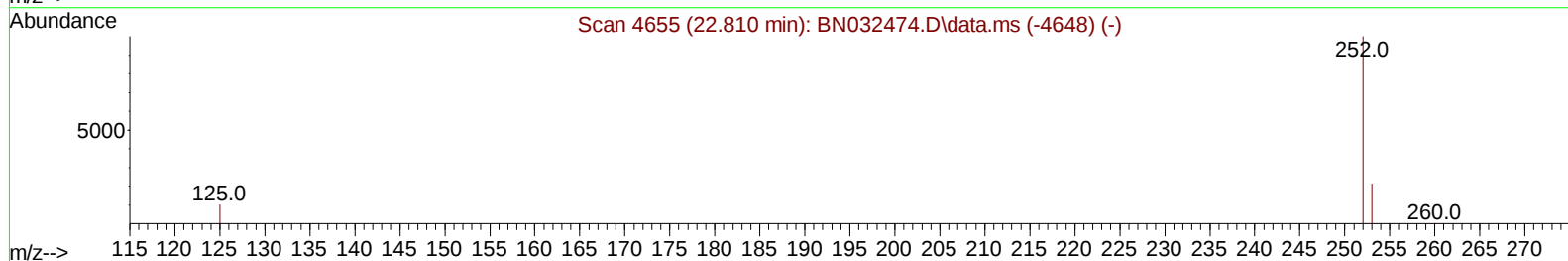
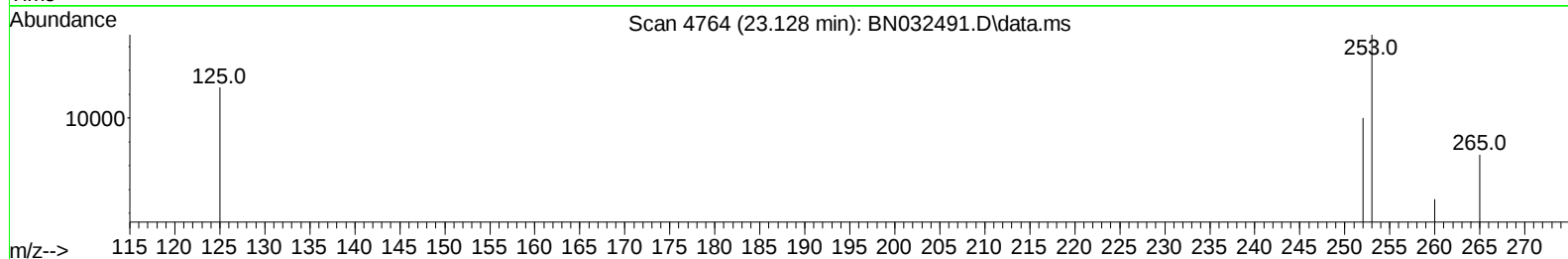
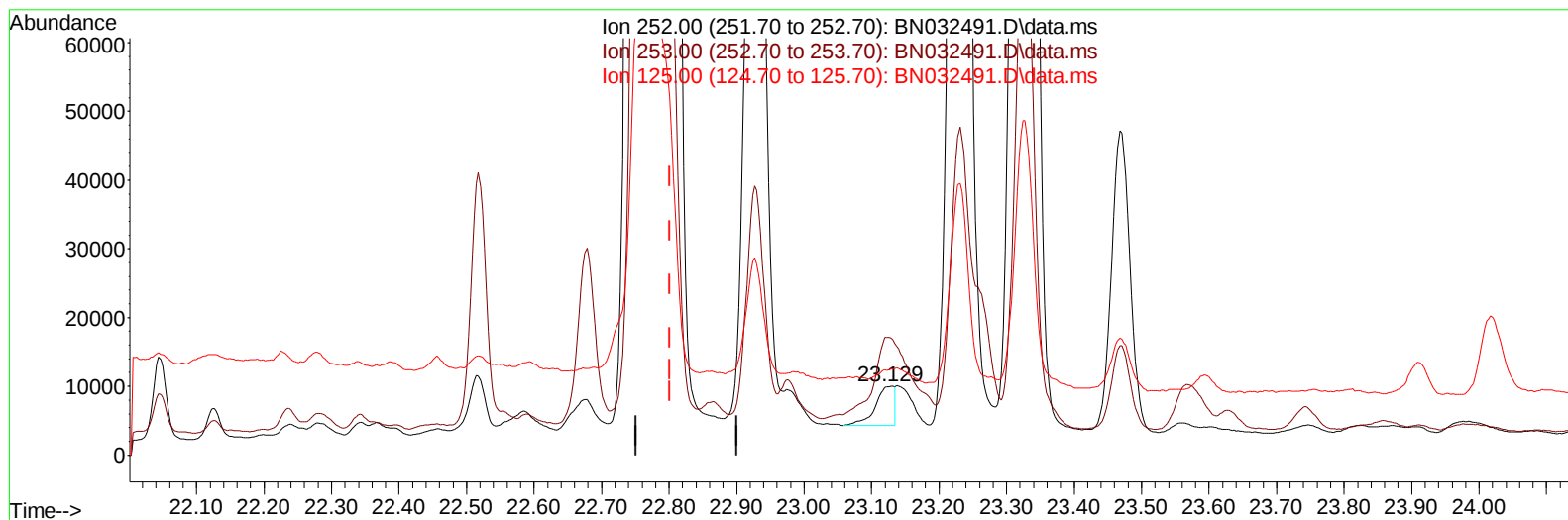
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(25) Benzo(k)fluoranthene

23.128min (+ 0.327) 0.10 ng/u1

response 11432

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	169.73#
125.00	16.00	125.51#
0.00	0.00	0.00

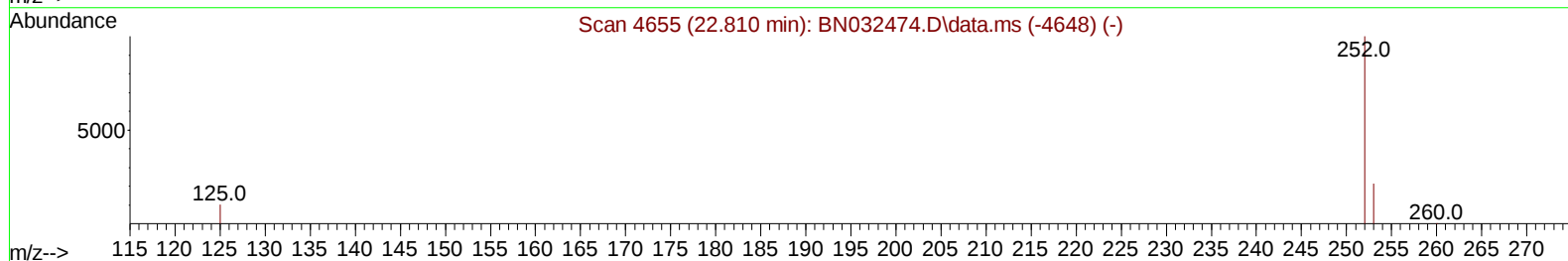
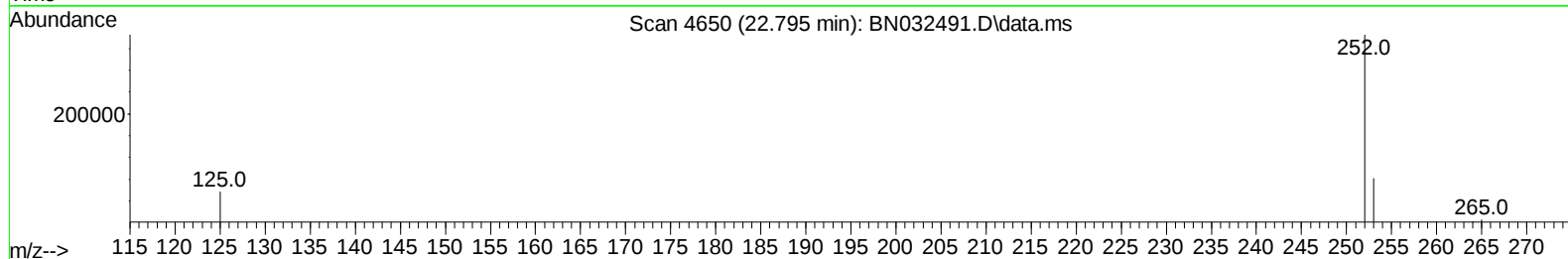
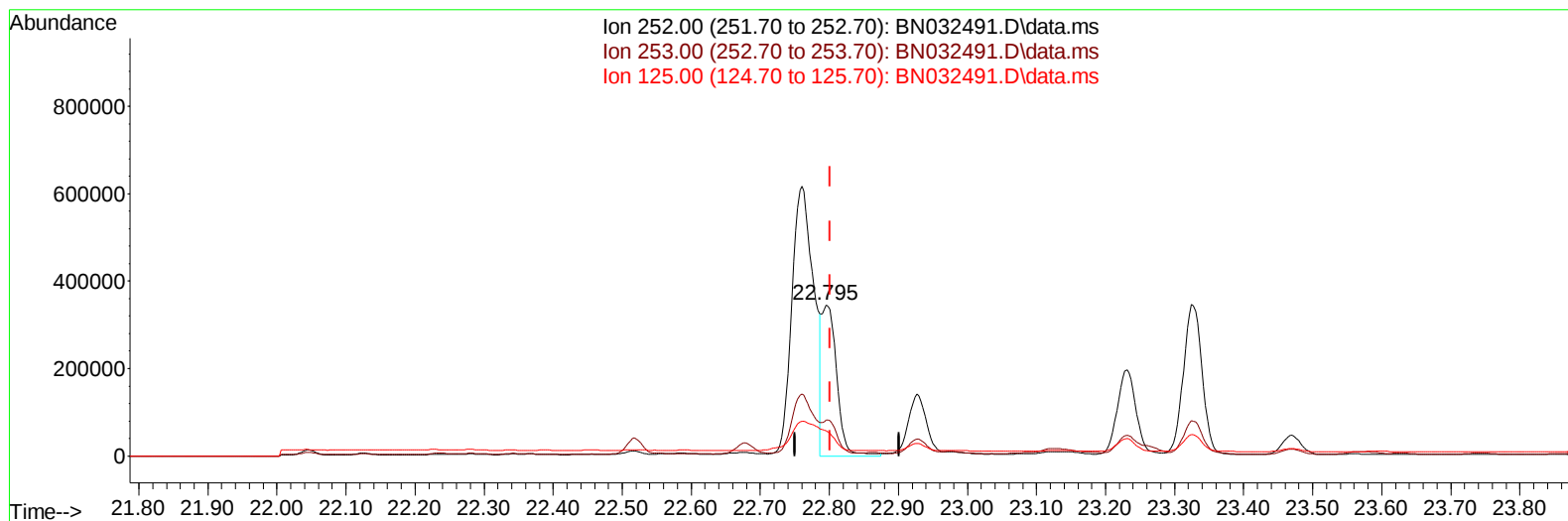
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(25) Benzo(k)fluoranthene

22.795min (-0.006) 4.59 ng/u1 m

response 518225

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.78
125.00	16.00	16.64
0.00	0.00	0.00

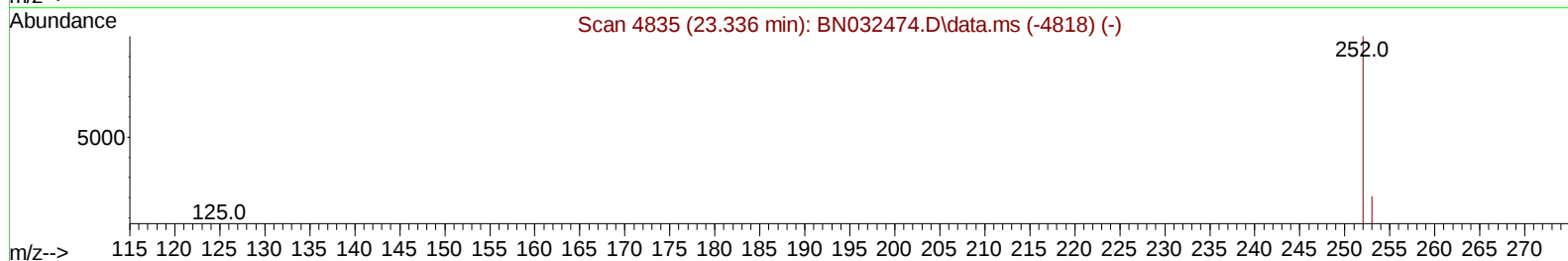
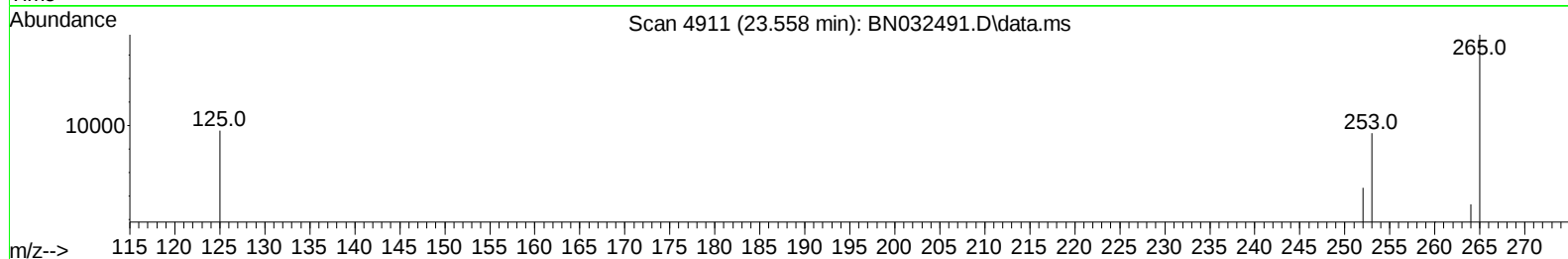
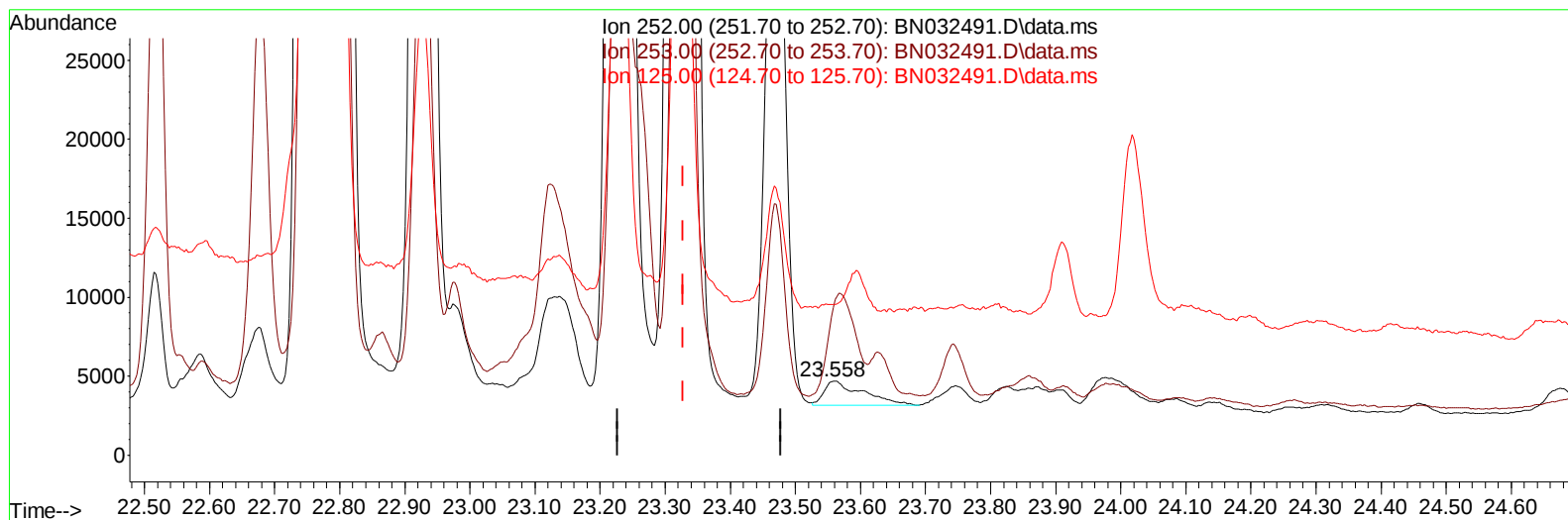
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(26) Benzo(a)pyrene (C)

23.558min (+ 0.231) 0.08 ng/u1

response 6431

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	198.79#
125.00	20.50	203.34#
0.00	0.00	0.00

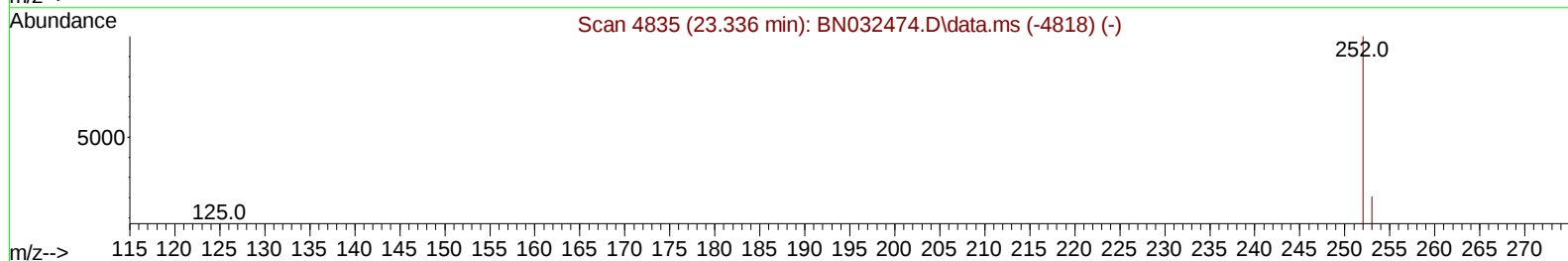
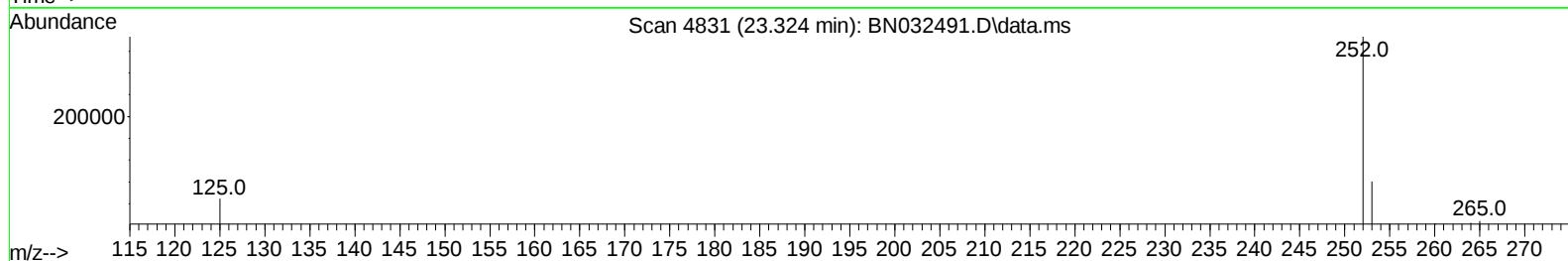
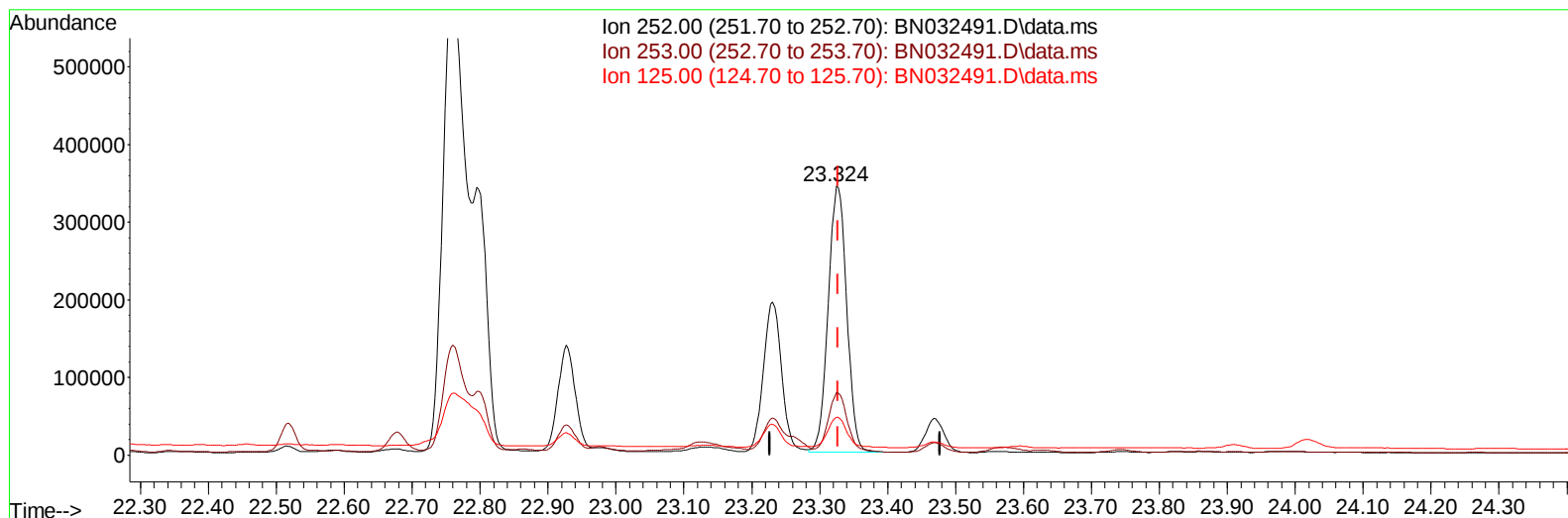
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(26) Benzo(a)pyrene (C)

23.324min (-0.003) 8.06 ng/u1 m

response 651167

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.21
125.00	20.50	14.05#
0.00	0.00	0.00

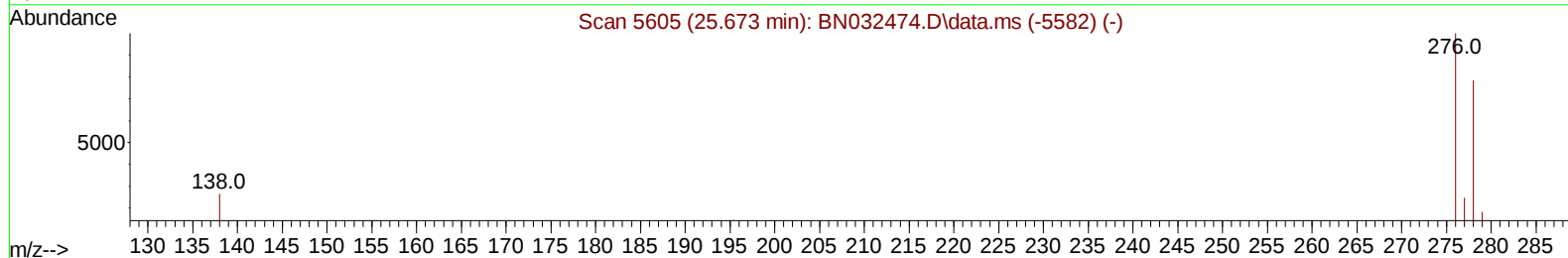
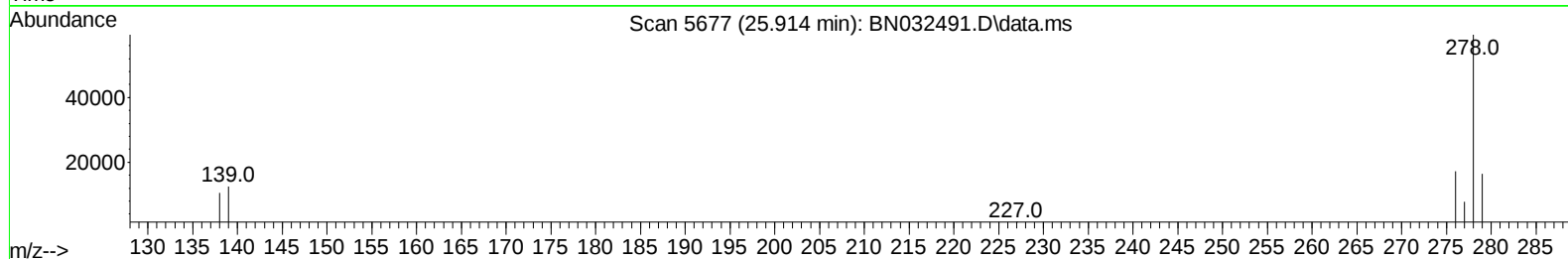
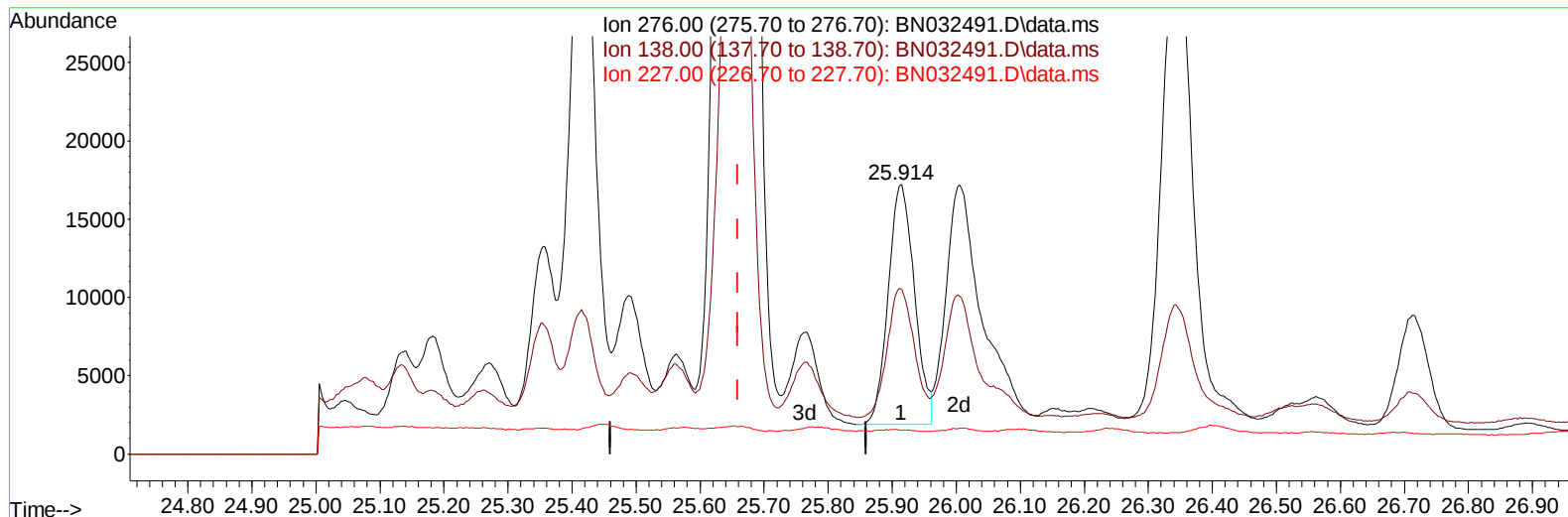
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

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

25.914min (+ 0.255) 0.35 ng/u1

response 43778

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	55.18#
227.00	0.10	1.00#
0.00	0.00	0.00

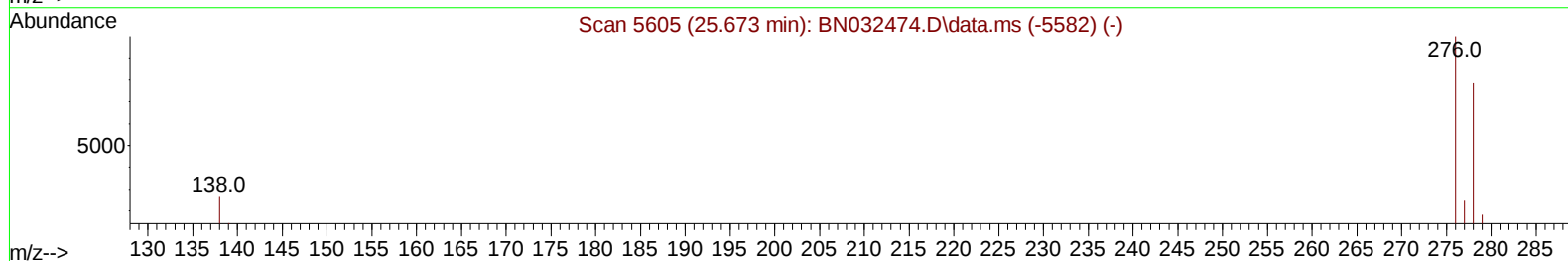
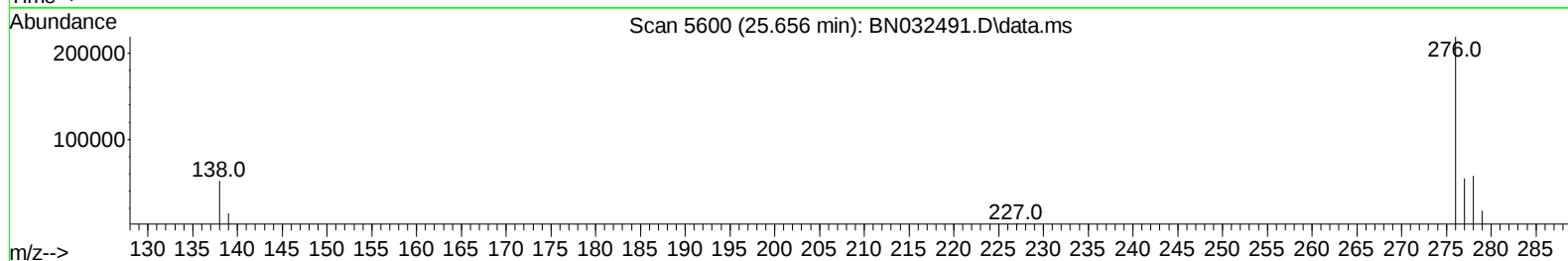
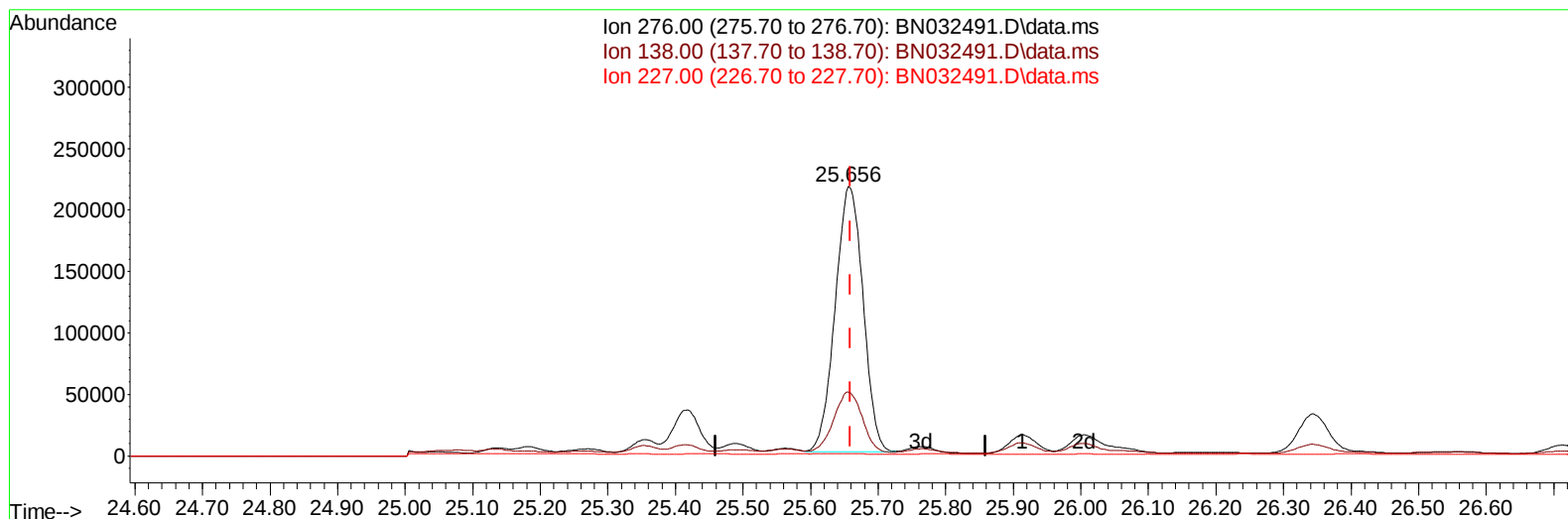
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

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

25.656min (-0.003) 4.87 ng/ul m

response 615982

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.92#
227.00	0.10	0.07#
0.00	0.00	0.00

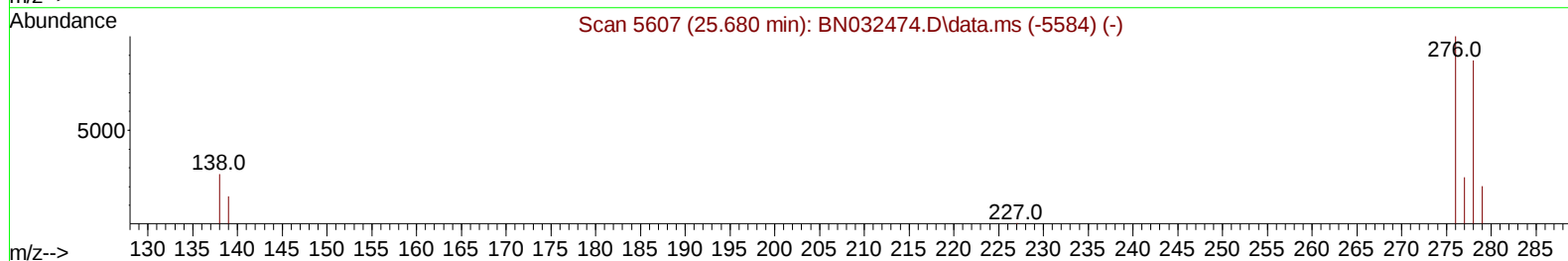
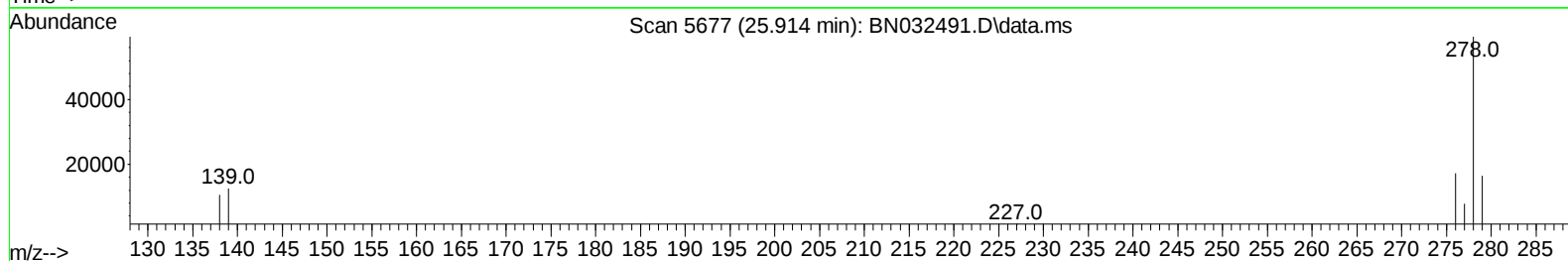
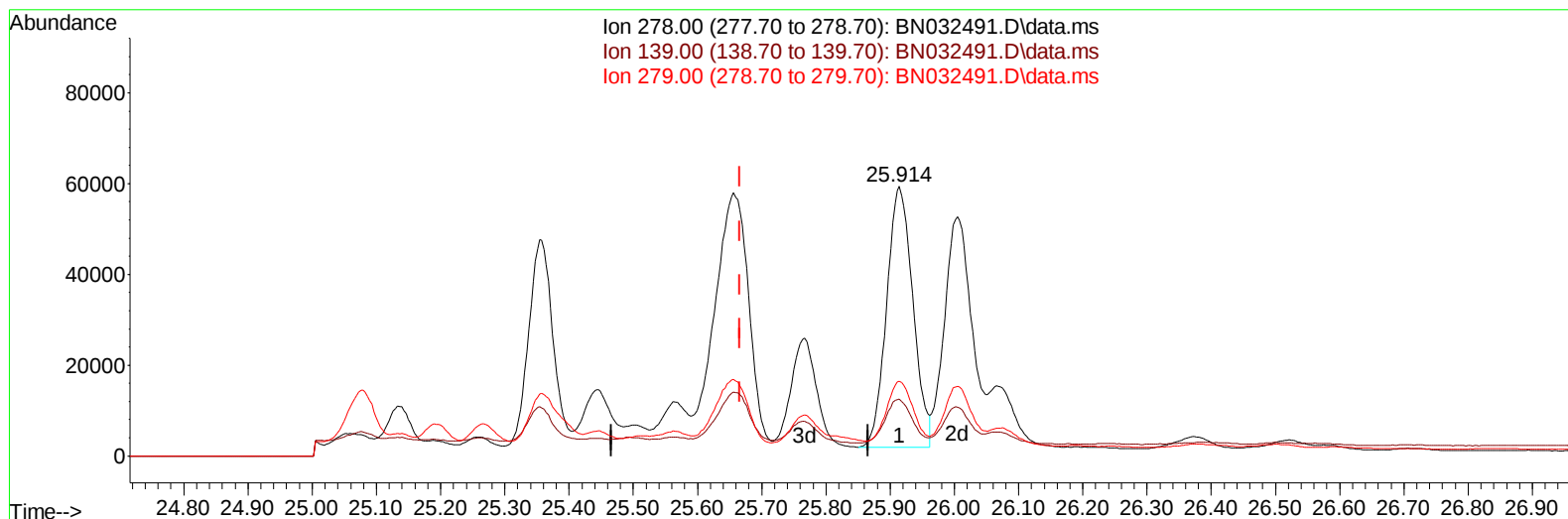
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(28) Dibenzo(a,h)anthracene

25.914min (+ 0.248) 1.73 ng/u1

response 162891

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	21.12
279.00	26.40	27.76
0.00	0.00	0.00

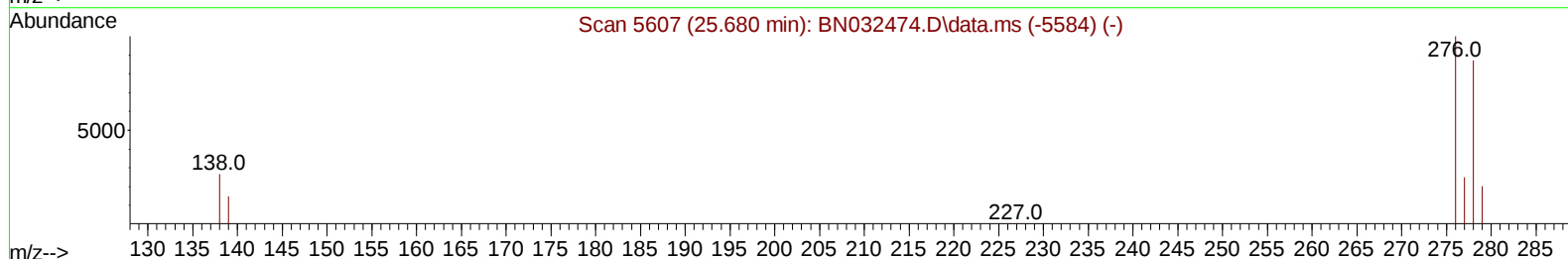
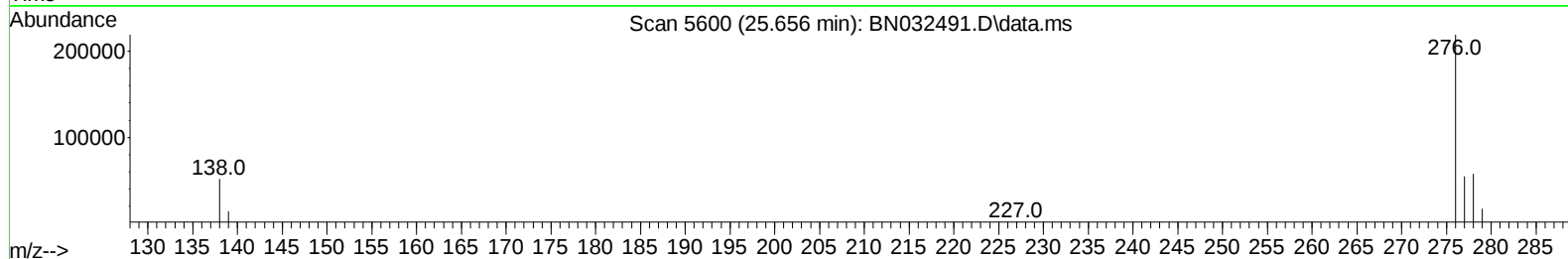
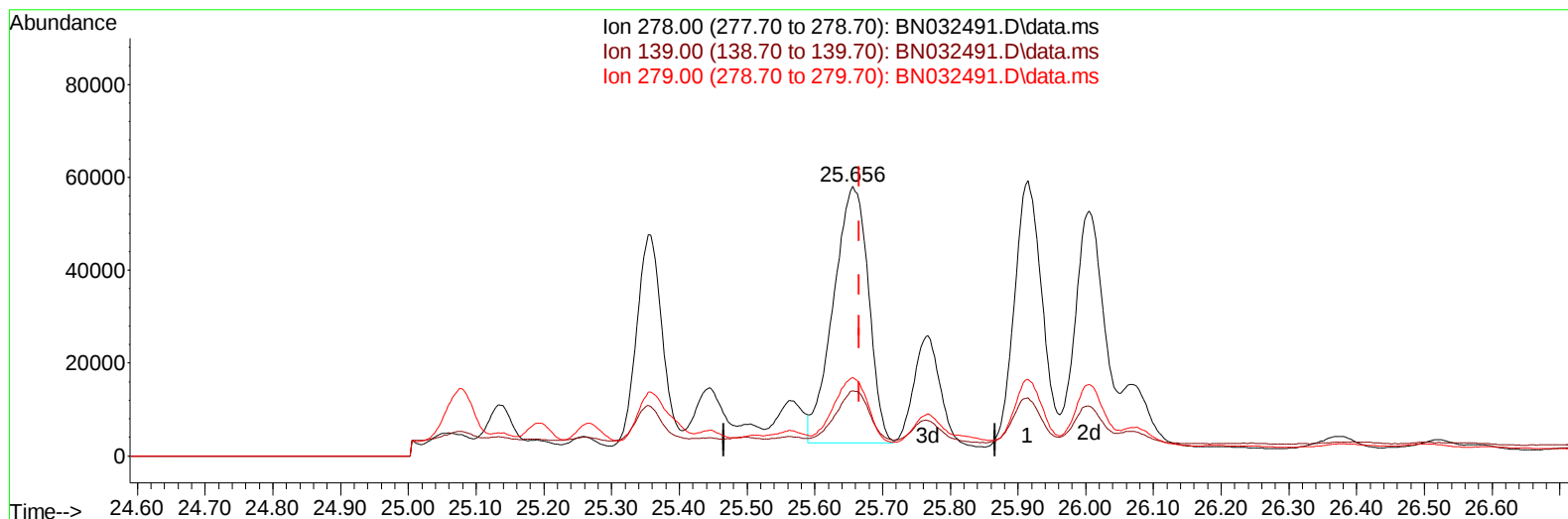
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032491.D
 Acq On : 05 Jul 2024 01:58
 Operator : MA/JU
 Sample : P2964-08
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

(28) Dibenzo(a,h)anthracene

25.656min (-0.010) 2.11 ng/ul m

response 198426

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	24.22#
279.00	26.40	29.13
0.00	0.00	0.00

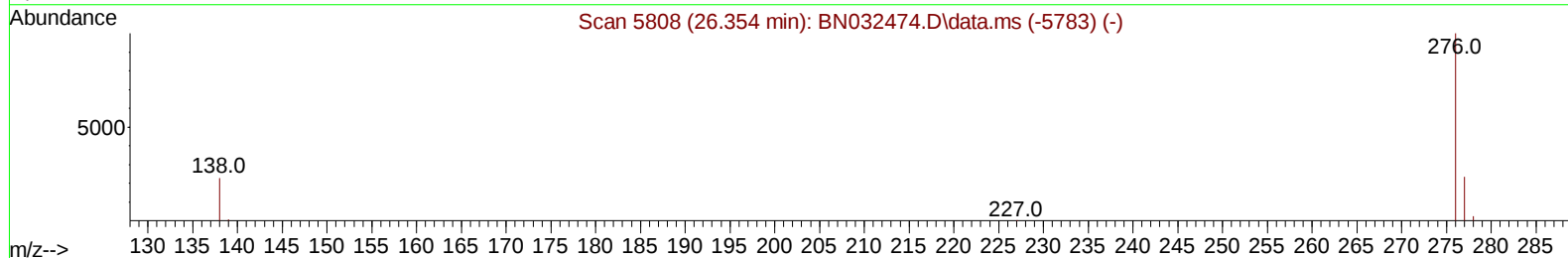
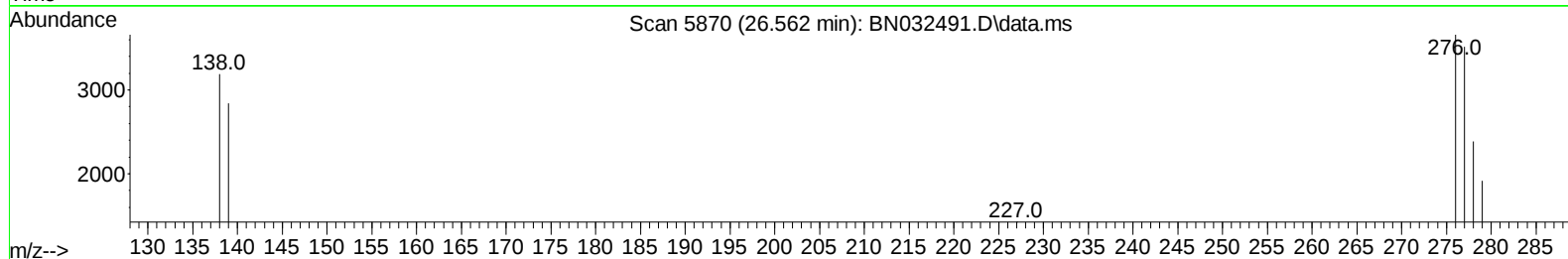
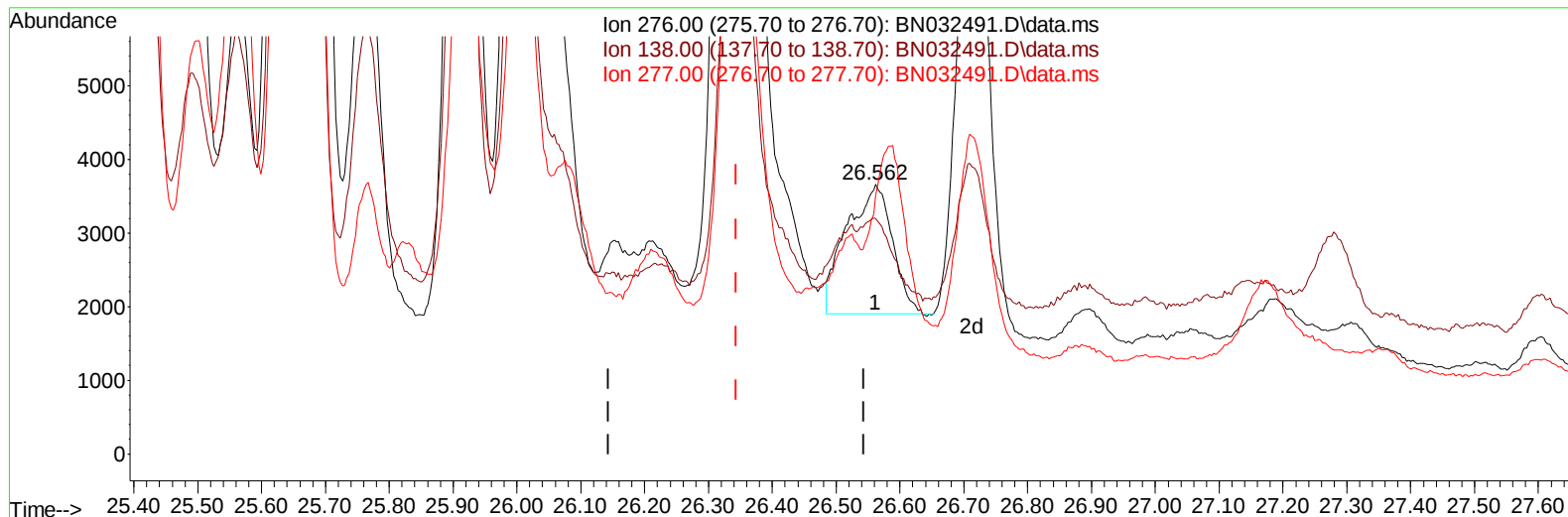
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/05/2024
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TIC: BN032491.D\data.ms

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

26.562min (+ 0.218) 0.09 ng/u1

response 8741

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	87.24#
277.00	24.70	96.17#
0.00	0.00	0.00

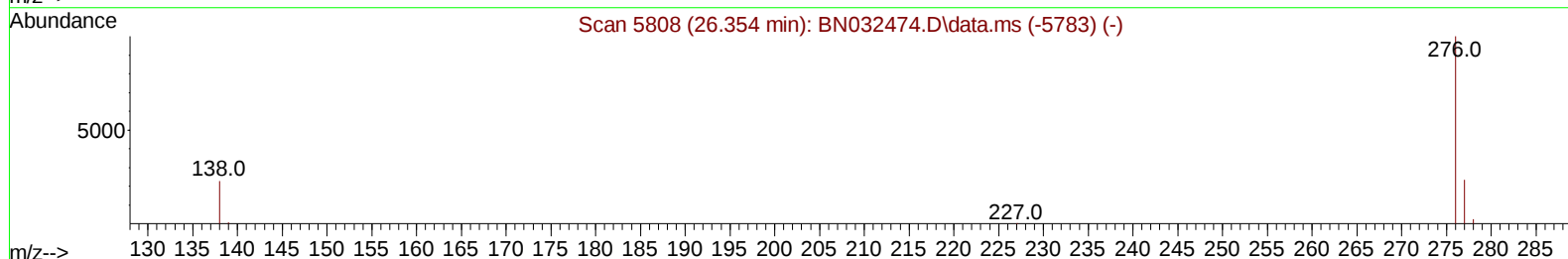
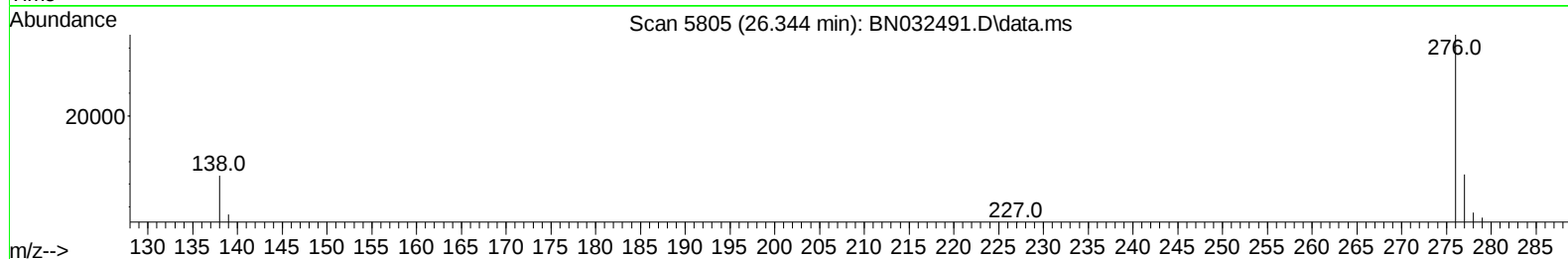
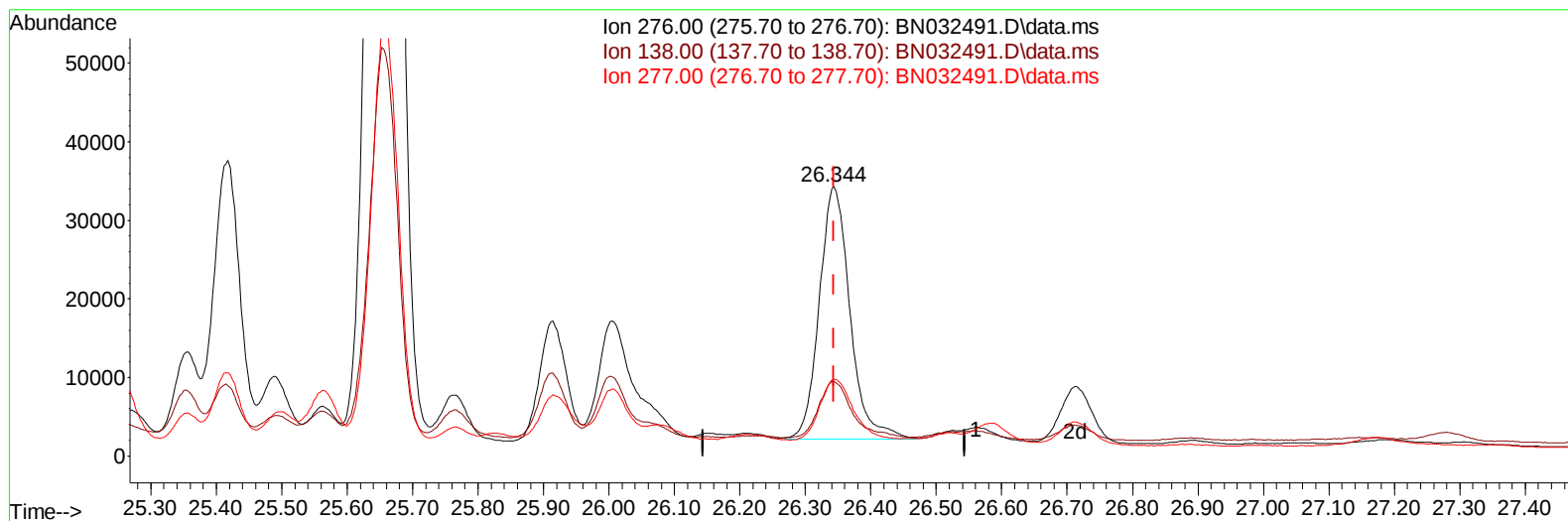
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 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: BN032491.D\data.ms

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

26.344min (-0.000) 1.04 ng/ul m

response 104928

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	27.75
277.00	24.70	28.51
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032491.D
 Acq On : 05 Jul 2024 01:58
 Operator : MA/JU
 Sample : P2964-08
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS4

Manual IntegrationsAPPROVED

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

Quant Time: Jul 05 02:23:14 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	7468	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	21209	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	12012	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	23216m	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	18341m	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	26740m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	26660	3.212	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	6385	0.201	ng/ul	-0.01
18) Fluoranthene-d10	19.036	212	13498m	0.245	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.415	128	73162	1.303	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	26427	0.710	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	18321	0.475	ng/ul	99
10) Acenaphthylene	13.962	152	186525	3.734	ng/ul	100
11) Acenaphthene	14.304	153	21506	0.555	ng/ul	99
12) Fluorene	15.299	166	83189	1.801	ng/ul	98
14) Pentachlorophenol	16.670	266	329m	0.063	ng/ul	
15) Phenanthrene	17.041	178	1314180m	20.647	ng/ul	
16) Anthracene	17.130	178	342428m	6.032	ng/ul	
19) Fluoranthene	19.069	202	2044407m	29.272	ng/ul	
20) Pyrene	19.436	202	1659491m	22.737	ng/ul	
21) Benzo(a)anthracene	21.188	228	1029932m	15.558	ng/ul	
22) Chrysene	21.241	228	1061937m	14.616	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	1373518m	11.823	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	518225m	4.591	ng/ul	
26) Benzo(a)pyrene	23.324	252	651167m	8.056	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.656	276	615982m	4.867	ng/ul	
28) Dibenzo(a,h)anthracene	25.656	278	198426m	2.110	ng/ul	
29) Benzo(g,h,i)perylene	26.344	276	104928m	1.041	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032491.D
Acq On : 05 Jul 2024 01:58
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 05 02:23:14 2024
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