

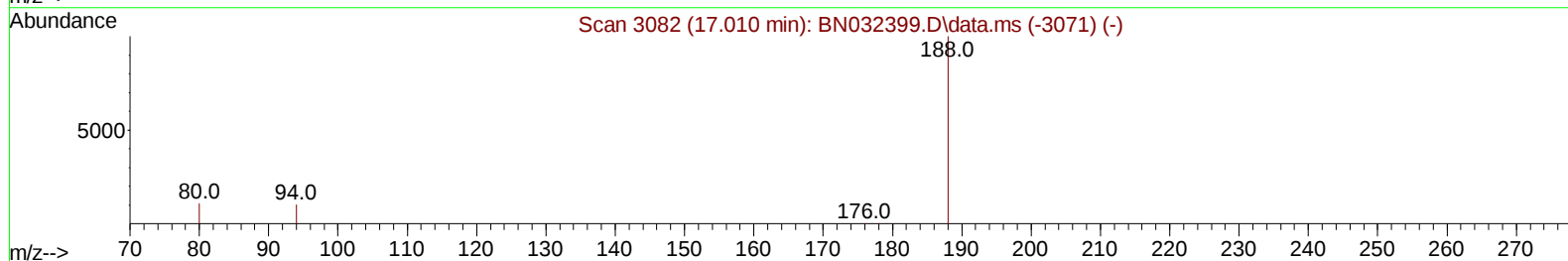
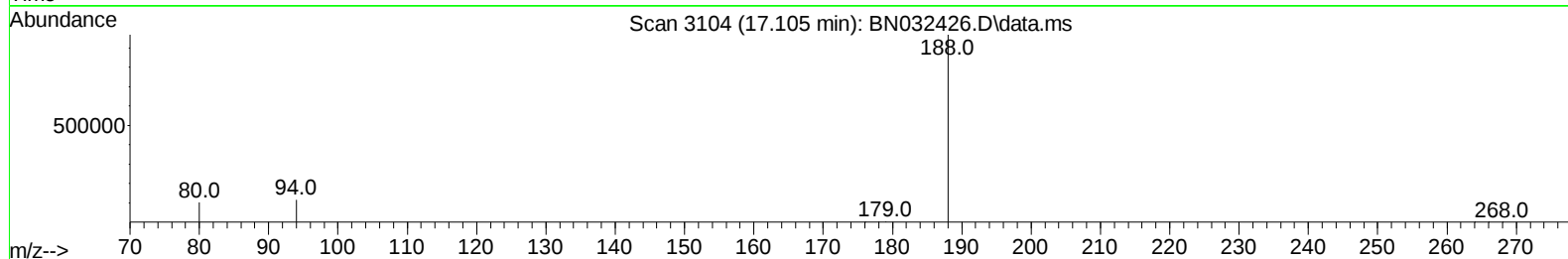
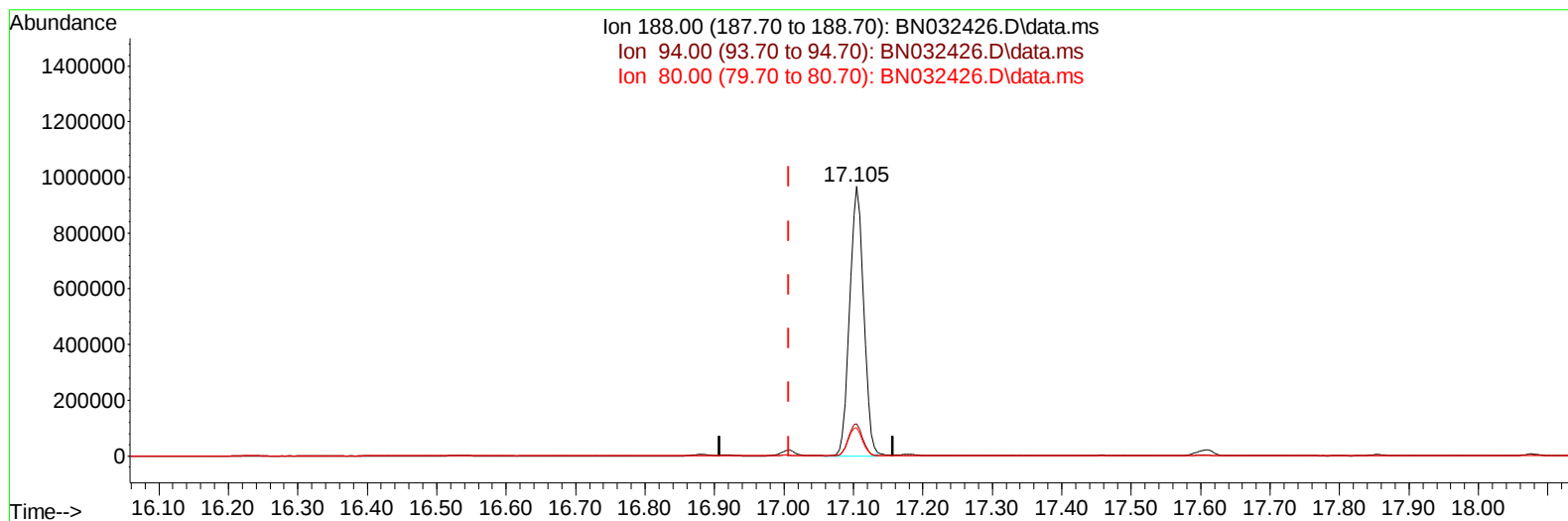
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.097) 0.40 ng/u1

response 1361683

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.96
80.00	10.50	10.47
0.00	0.00	0.00

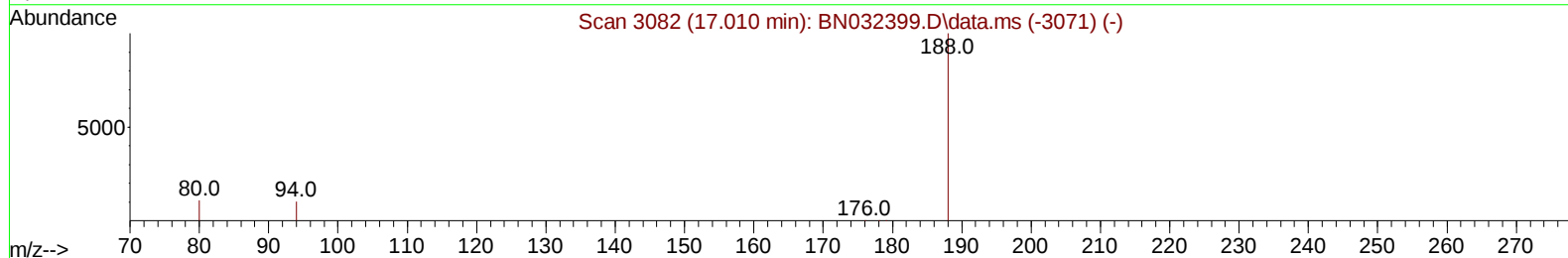
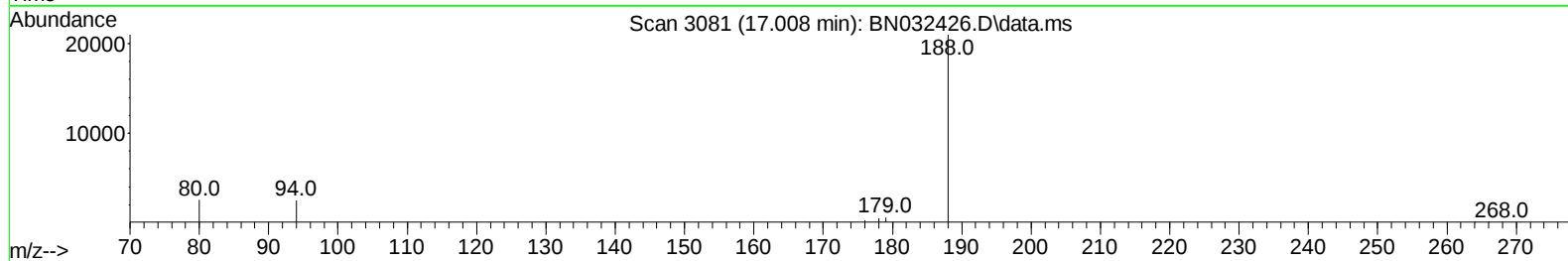
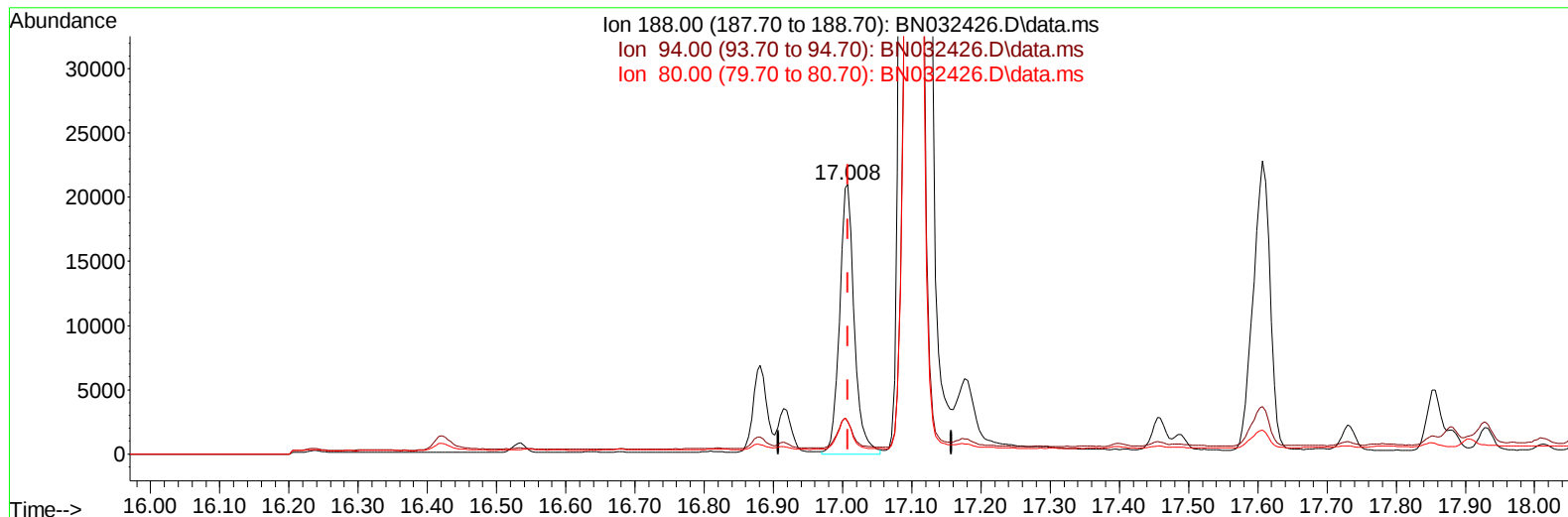
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(13) Phenanthrene-d10 (I)

17.008min (+ 0.000) 0.40 ng/ul m

response 31209

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.02
80.00	10.50	12.10
0.00	0.00	0.00

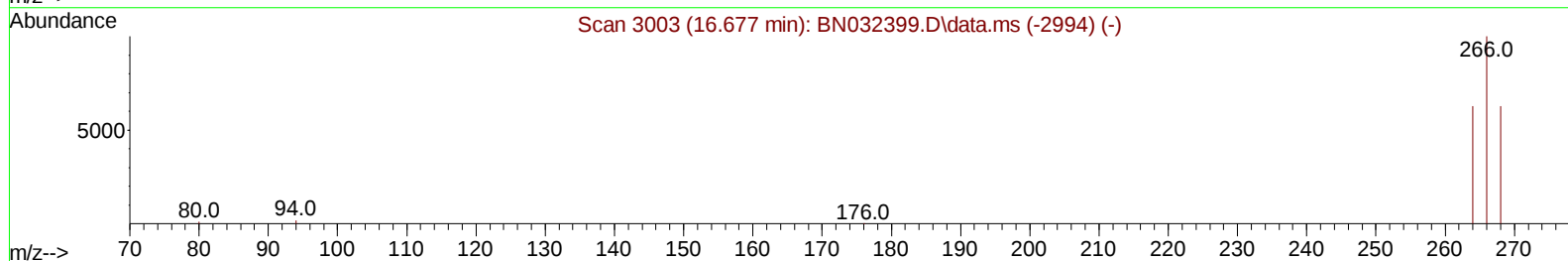
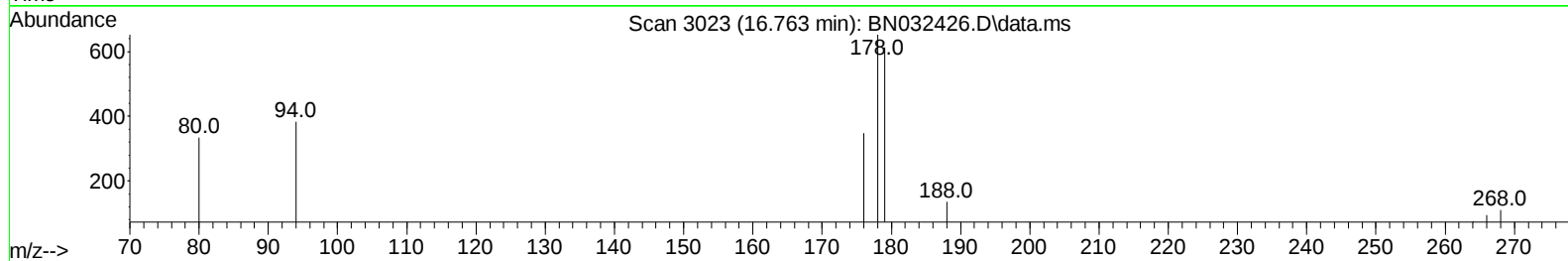
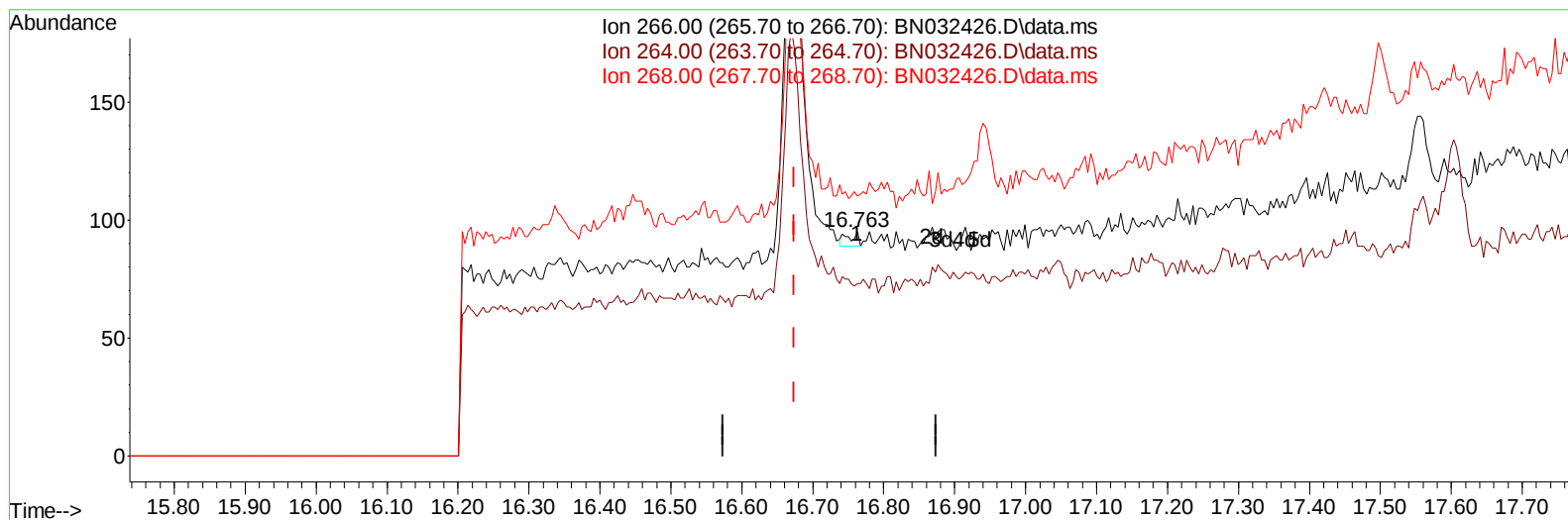
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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 07/03/2024
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TIC: BN032426.D\data.ms

(14) Pentachloropheno1

16.763min (+ 0.089) 0.00 ng/u1

response 6

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

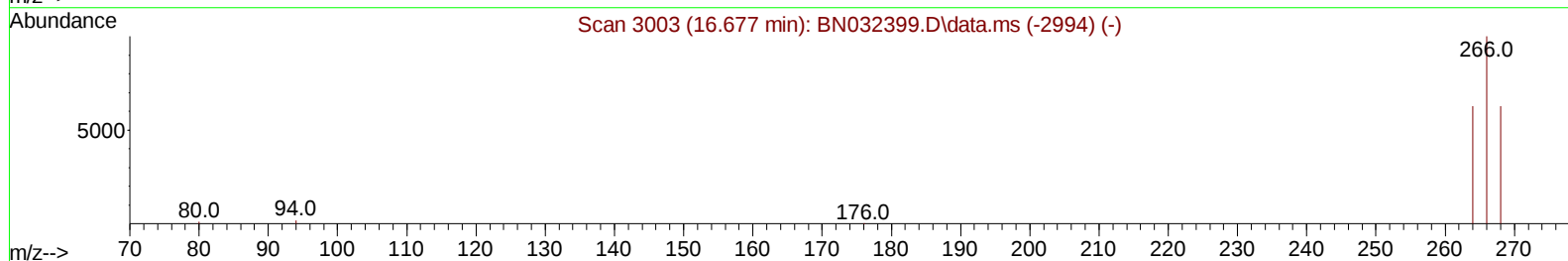
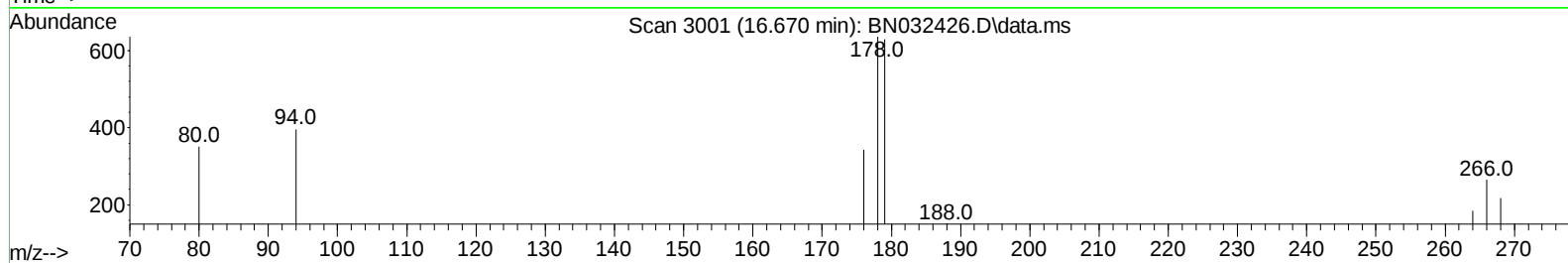
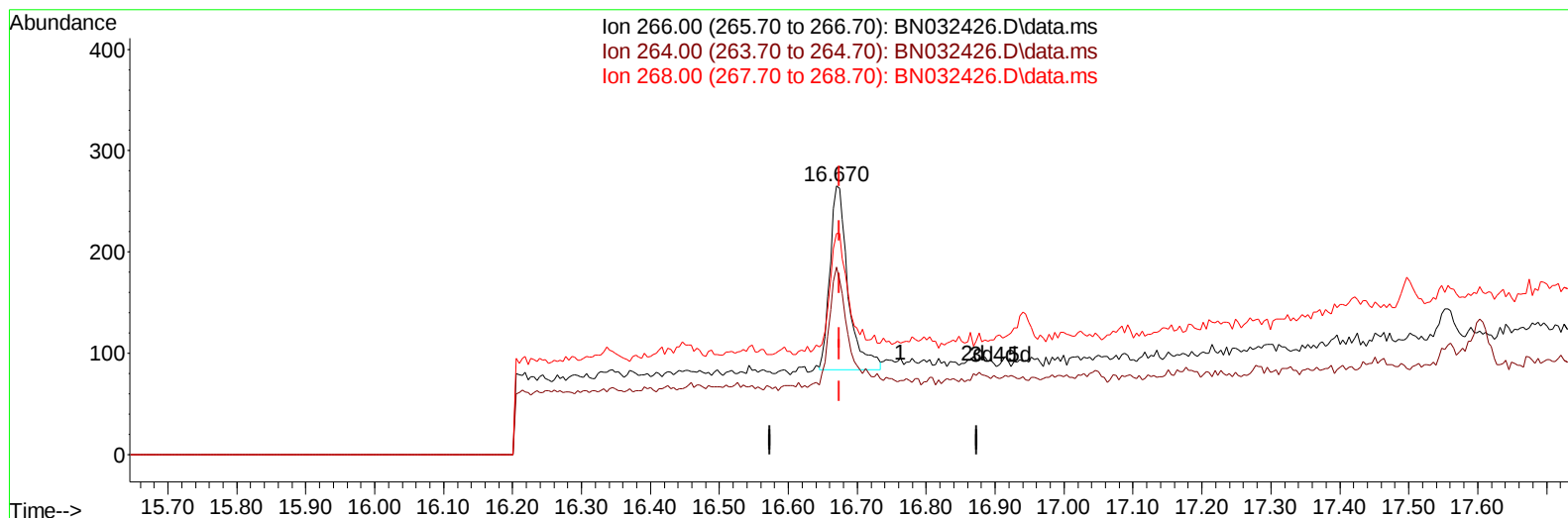
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(14) Pentachlorophenol

16.670min (-0.004) 0.05 ng/ul m

response 332

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

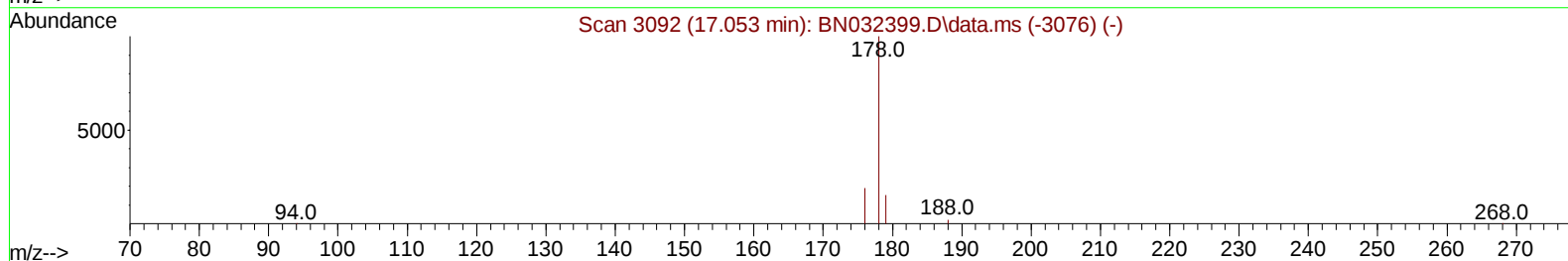
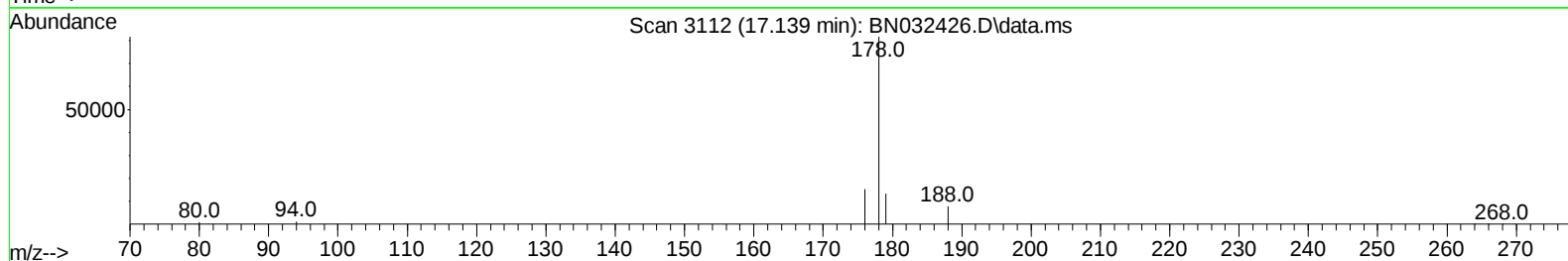
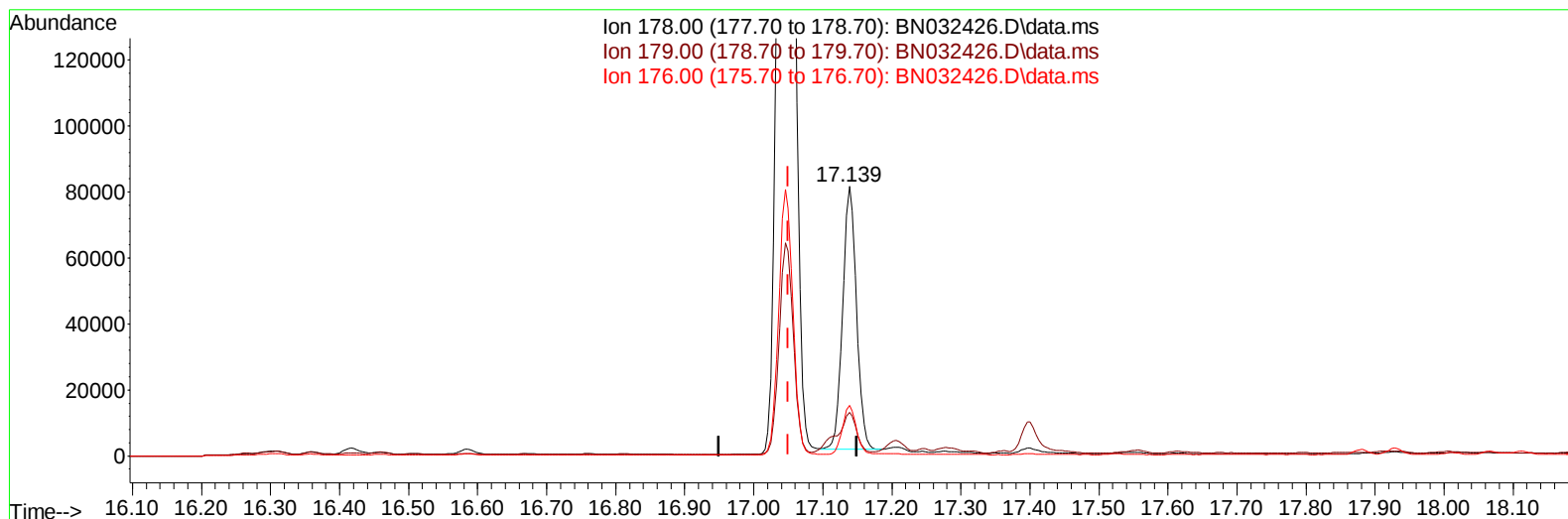
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(15) Phenanthrene

17.139min (+ 0.089) 1.30 ng/u1

response 111480

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.21
176.00	19.50	18.80
0.00	0.00	0.00

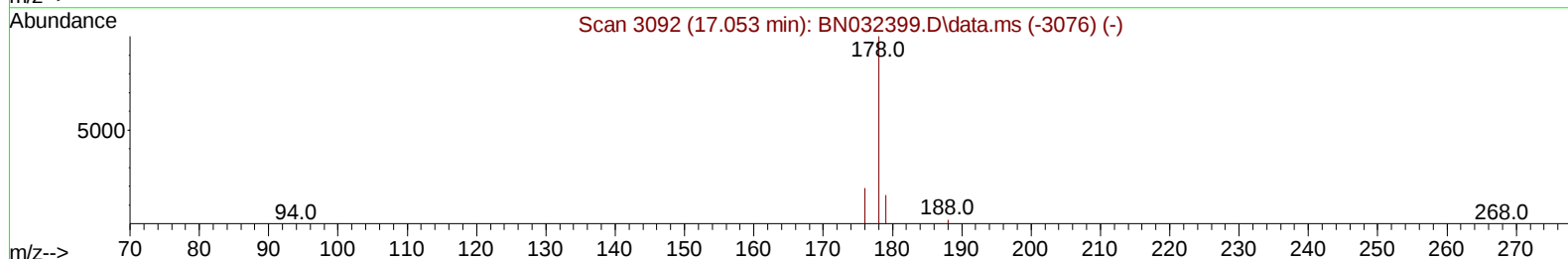
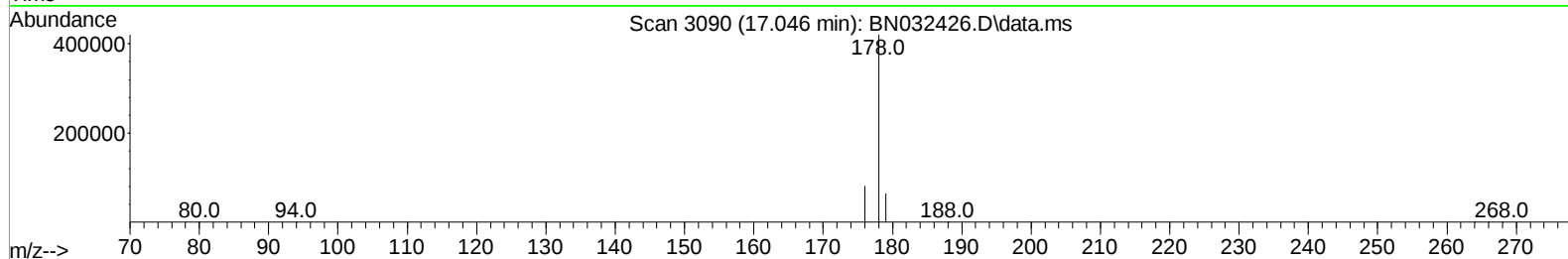
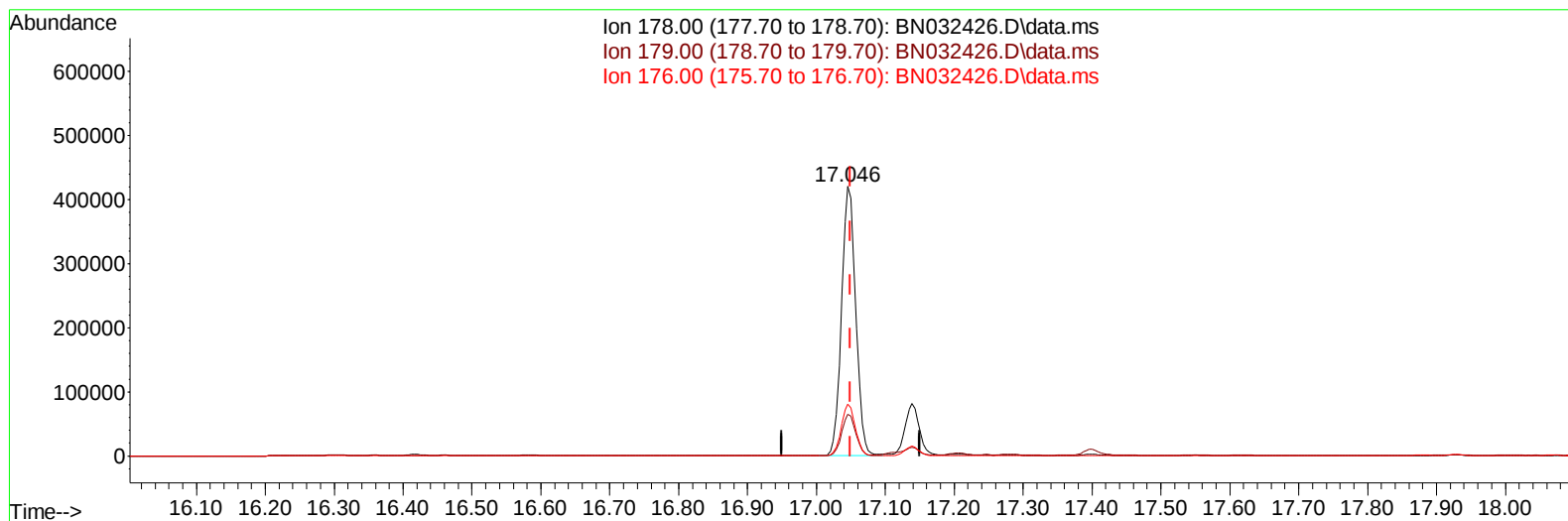
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

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

Quant Time: Jul 03 07:25:21 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



TIC: BN032426.D\data.ms

(15) Phenanthrene

17.046min (-0.004) 7.07 ng/u1 m

response 604578

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.37
176.00	19.50	19.21
0.00	0.00	0.00

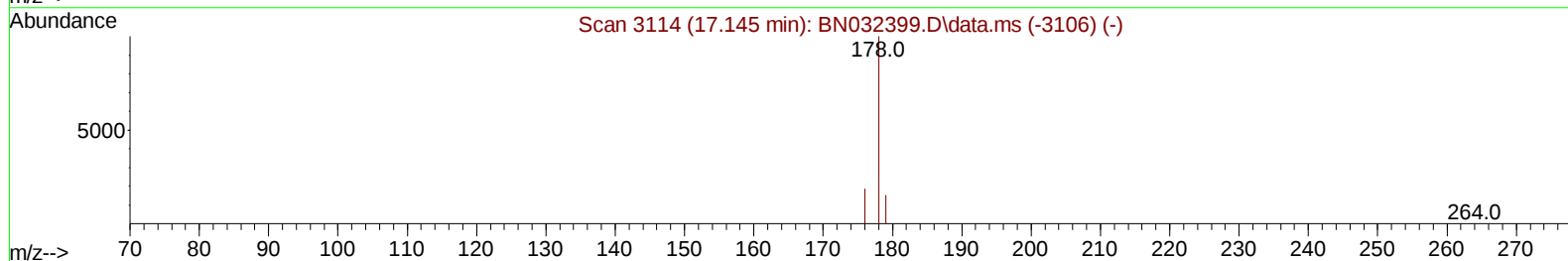
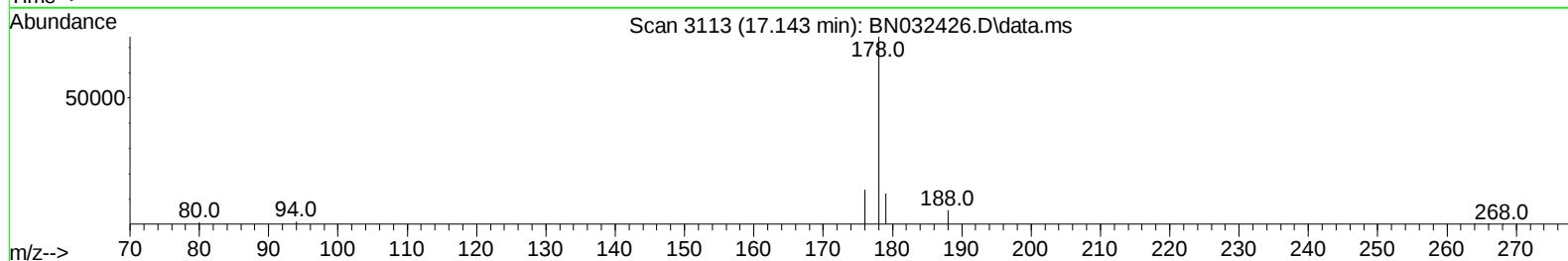
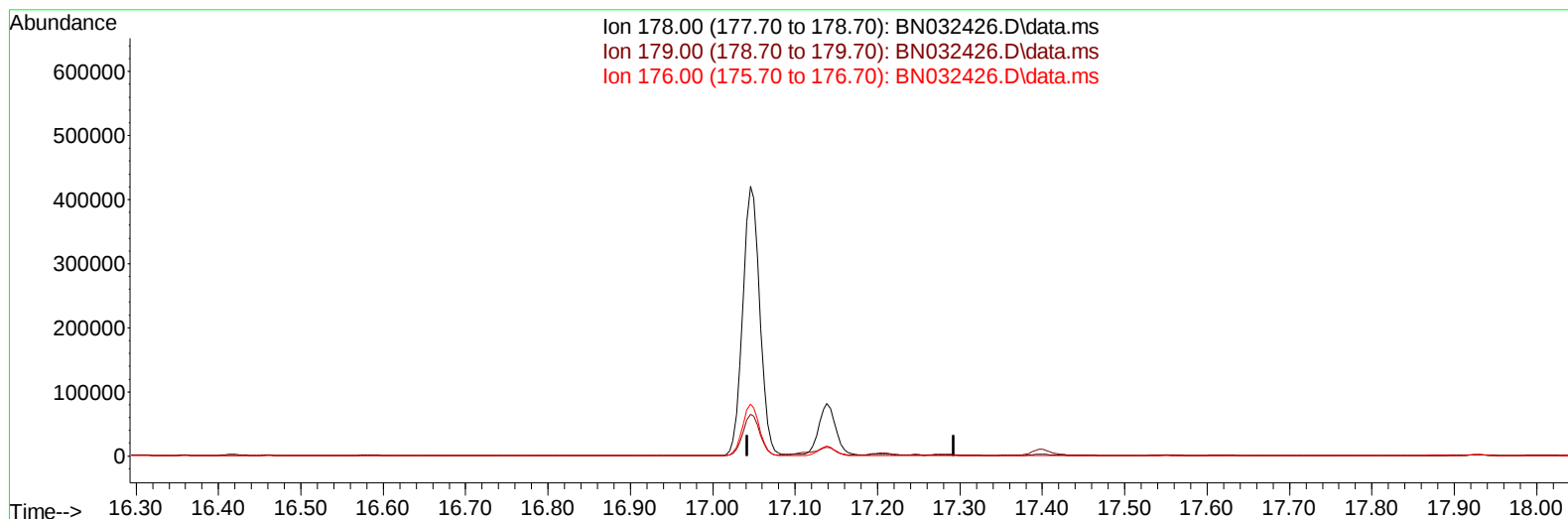
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

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

Quant Time: Jul 03 07:25:21 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



TIC: BN032426.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

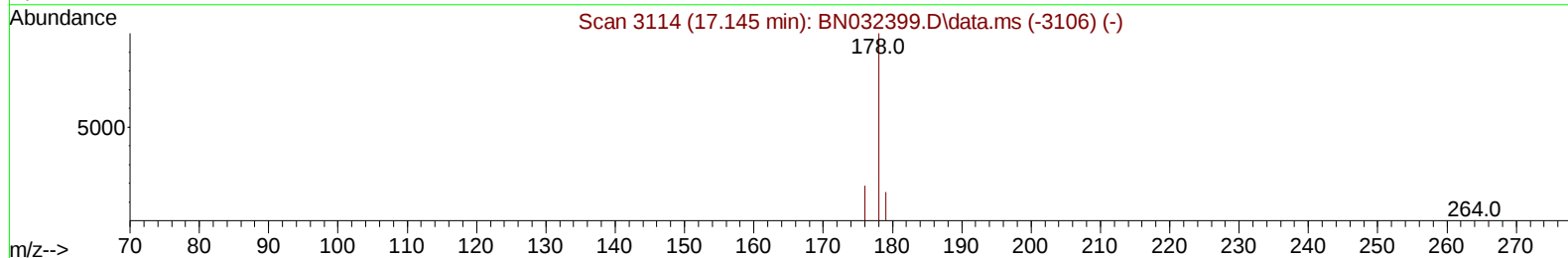
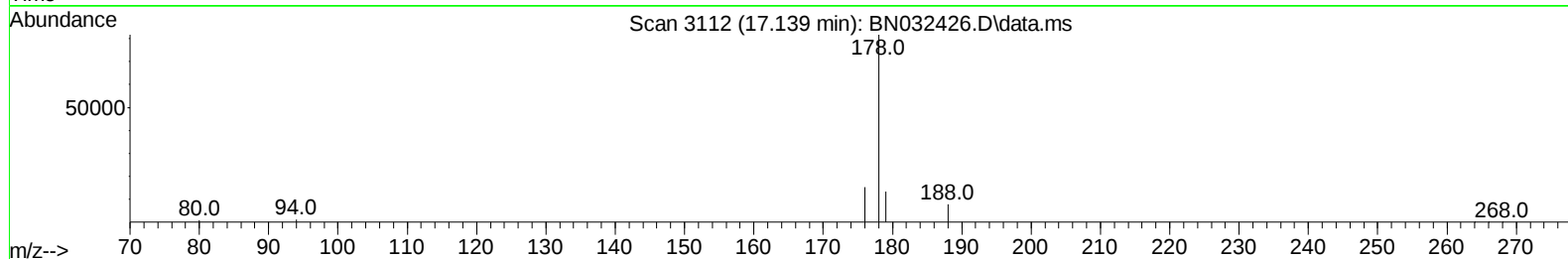
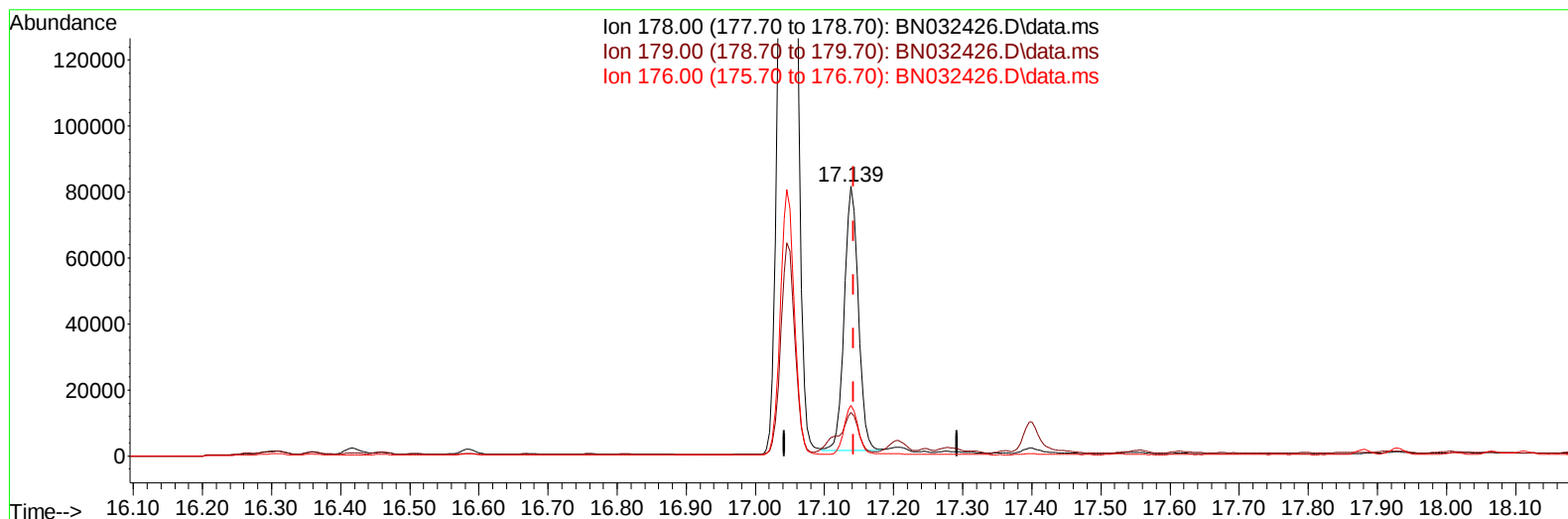
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(16) Anthracene

17.139min (-0.004) 1.48 ng/ul m

response 113091

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.21
176.00	18.80	18.80
0.00	0.00	0.00

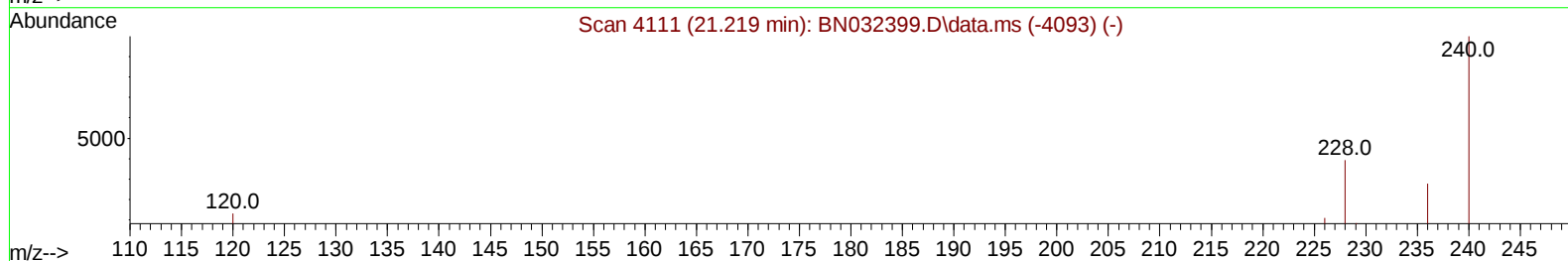
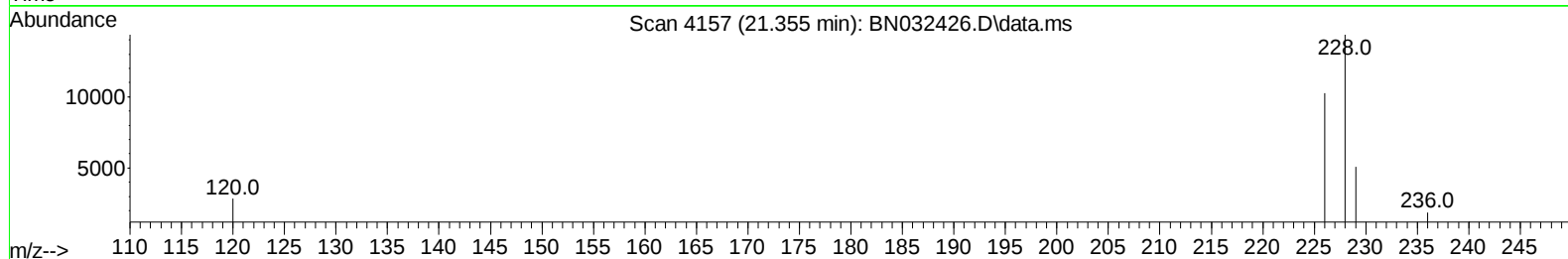
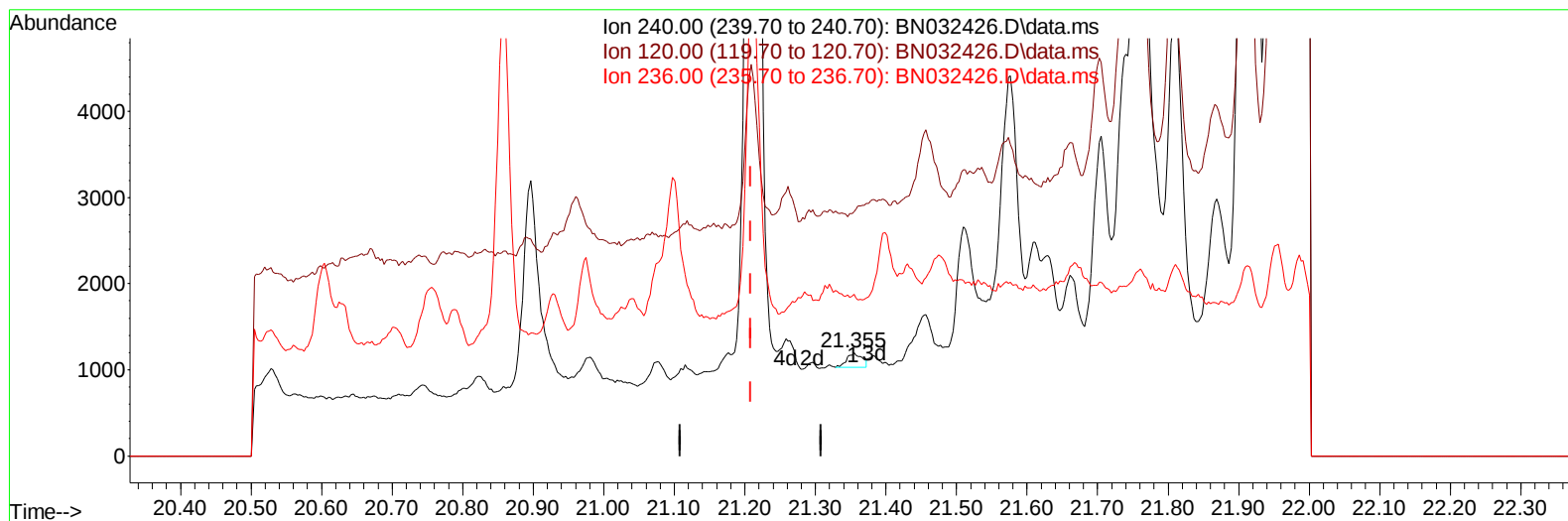
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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
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TIC: BN032426.D\data.ms

(17) Chrysene-d12

21.355min (+ 0.146) 0.40 ng/u1

response 244

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	236.05#
236.00	28.40	156.20#
0.00	0.00	0.00

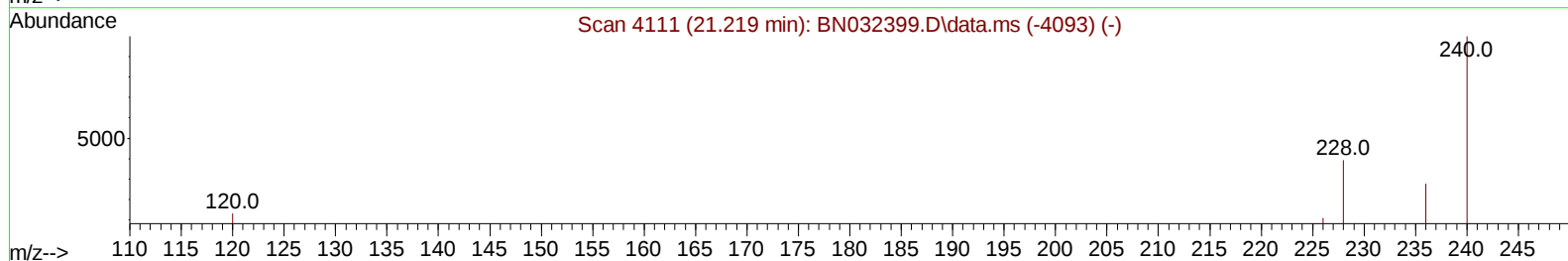
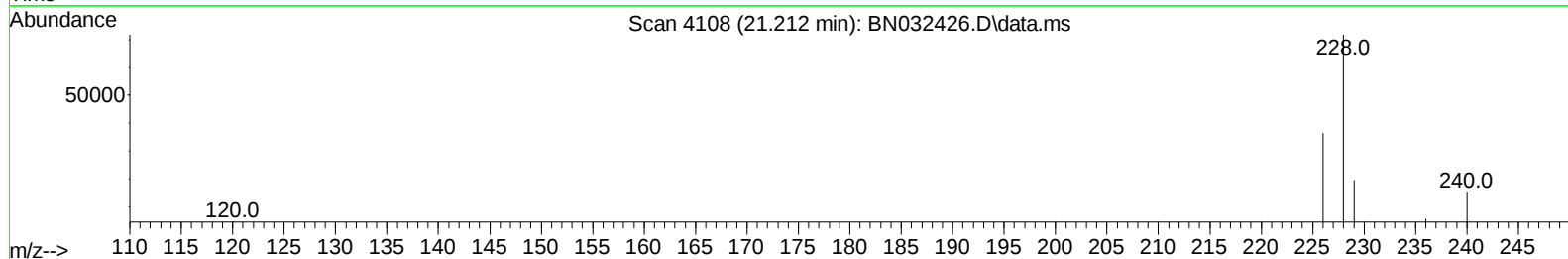
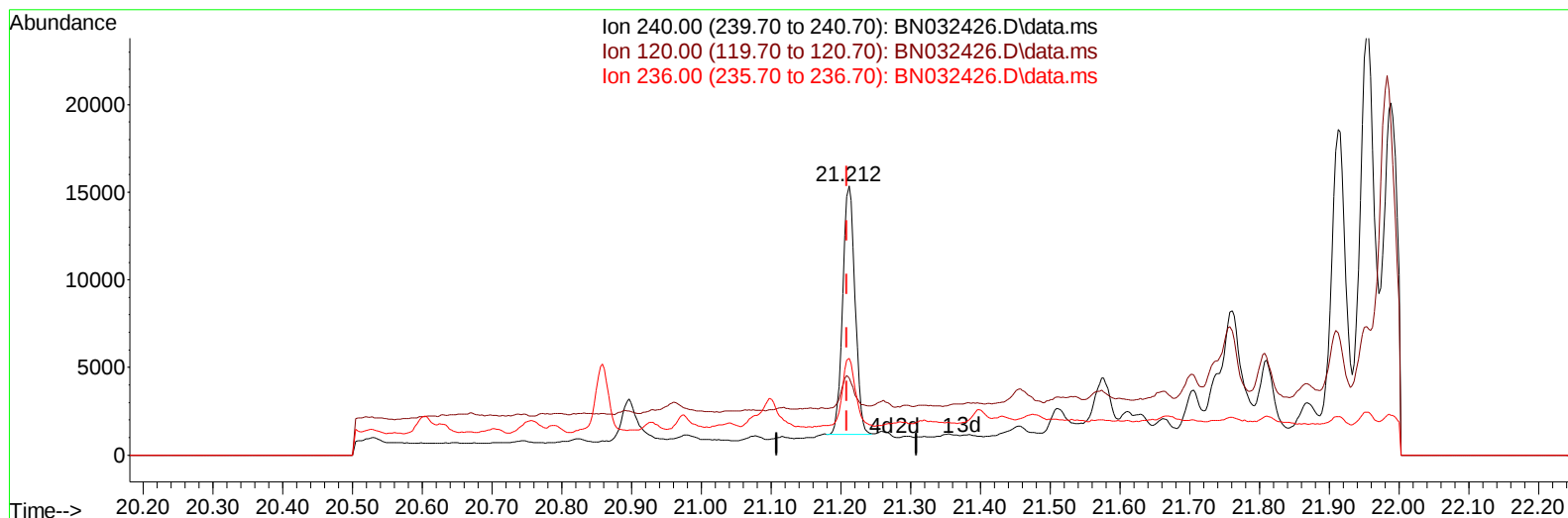
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(17) Chrysene-d12

21.212min (+ 0.003) 0.40 ng/ul m

response 17425

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	28.67#
236.00	28.40	36.01#
0.00	0.00	0.00

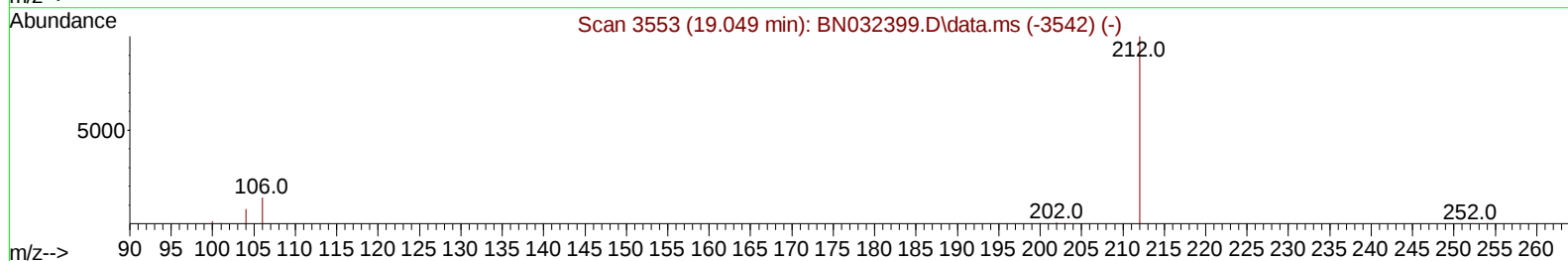
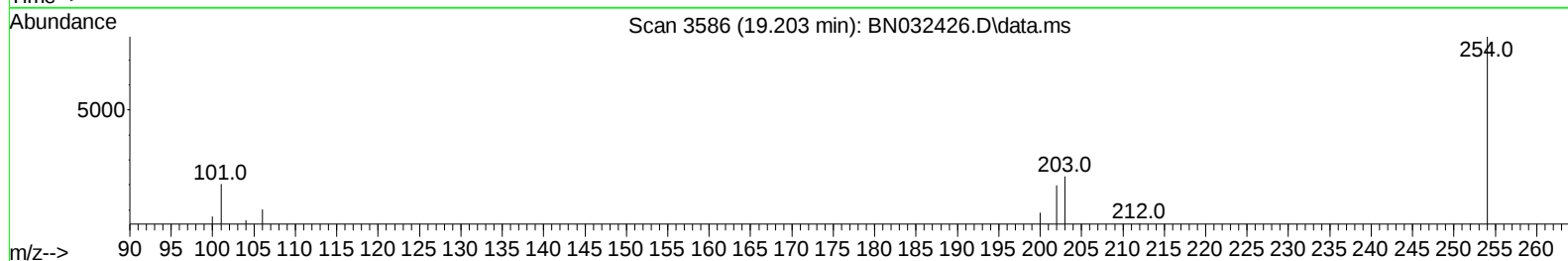
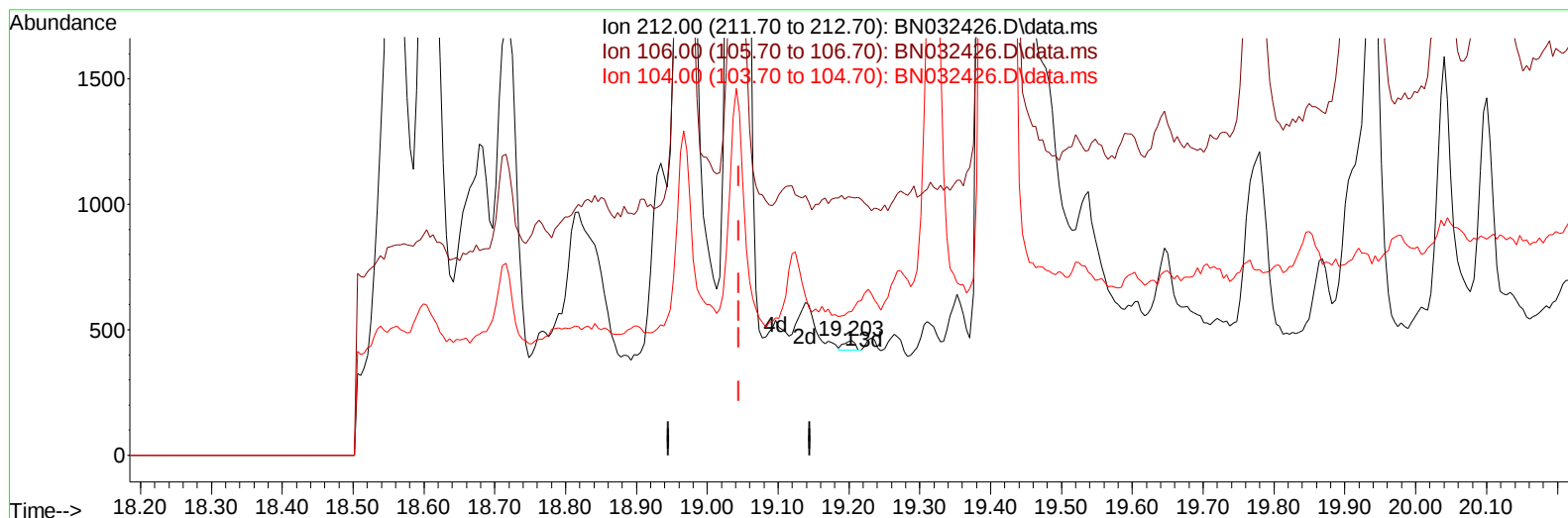
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032426.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.203min (+ 0.158) 0.00 ng/u1

response 42

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	321.43#
104.00	8.40	0.00#
0.00	0.00	0.00

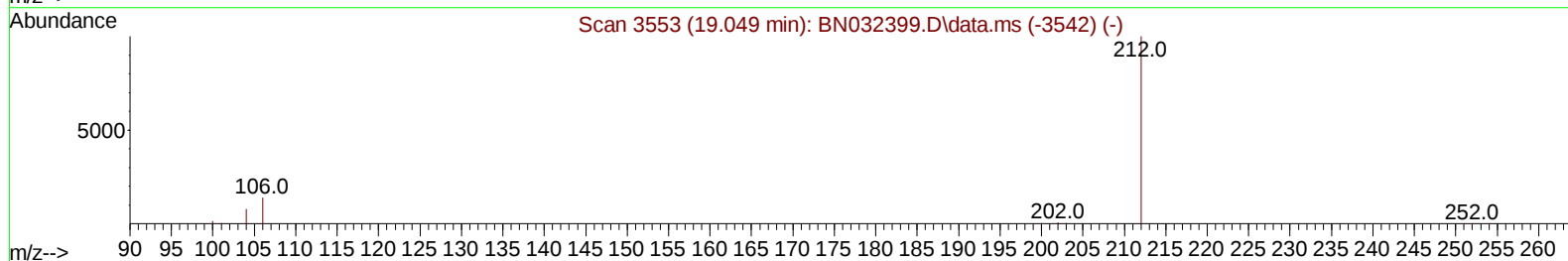
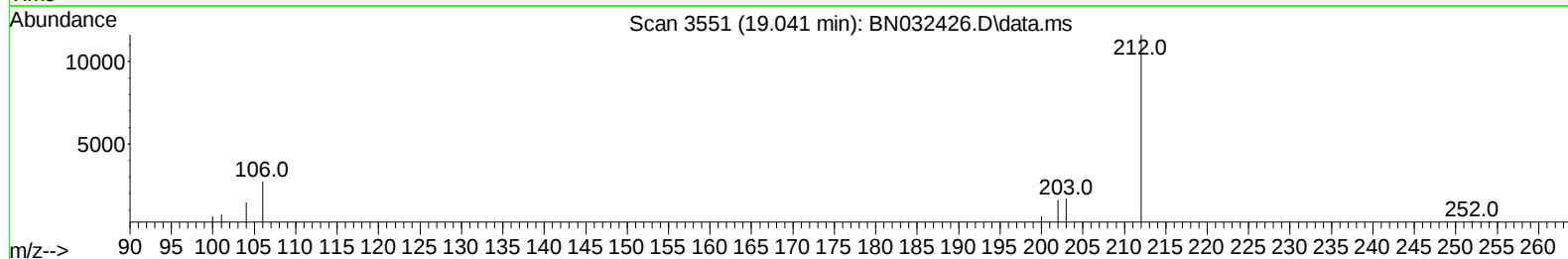
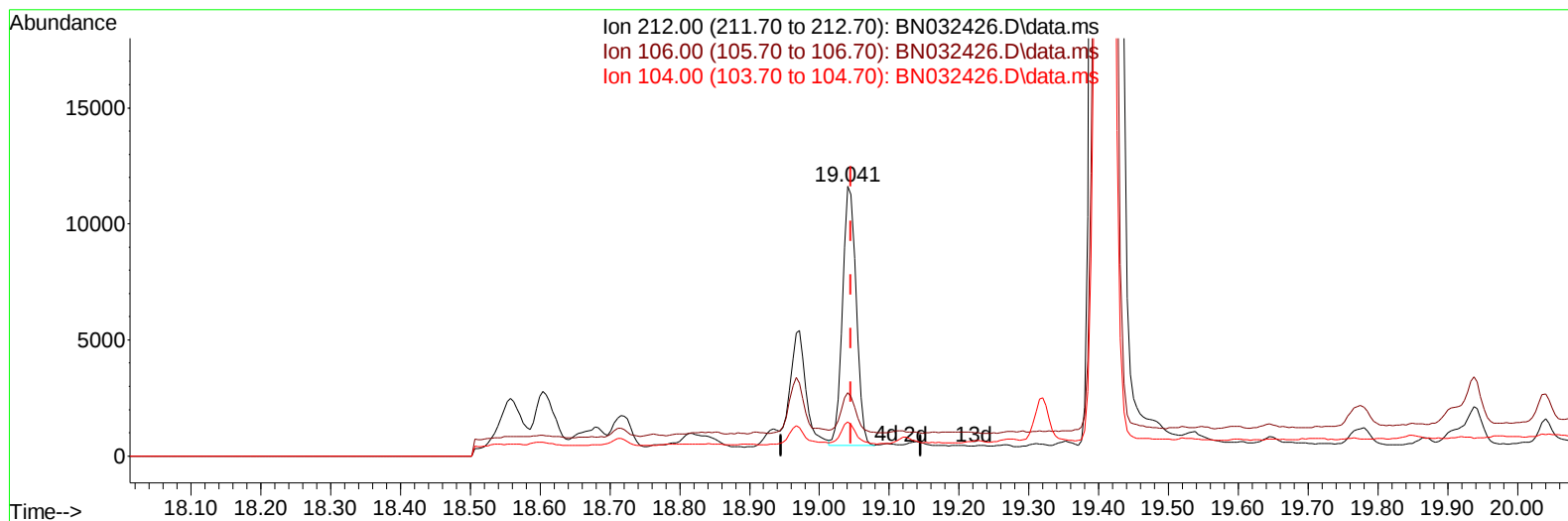
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032426.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.005) 0.29 ng/u1 m

response 15048

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.90#
104.00	8.40	0.00#
0.00	0.00	0.00

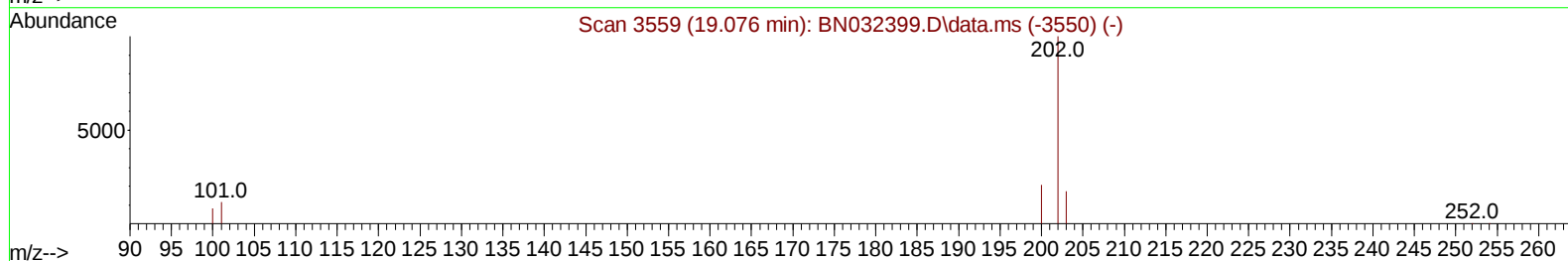
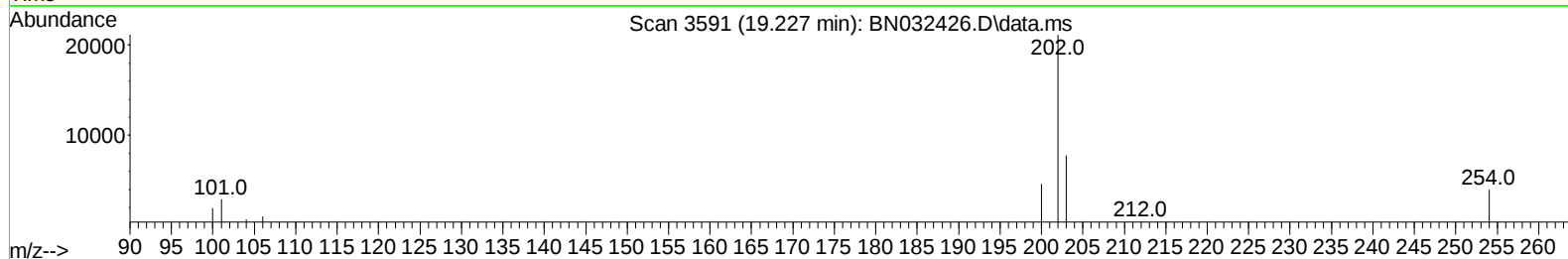
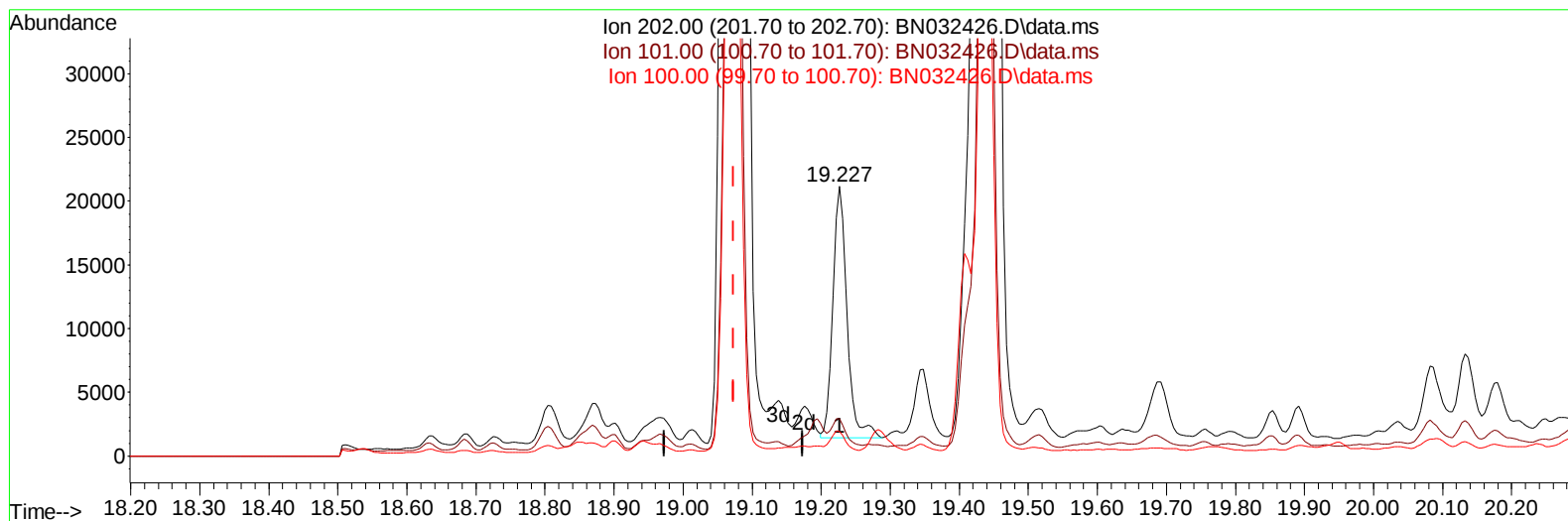
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(19) Fluoranthene (C)

19.227min (+ 0.154) 0.42 ng/u1

response 27995

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	13.91#
100.00	8.00	9.20
0.00	0.00	0.00

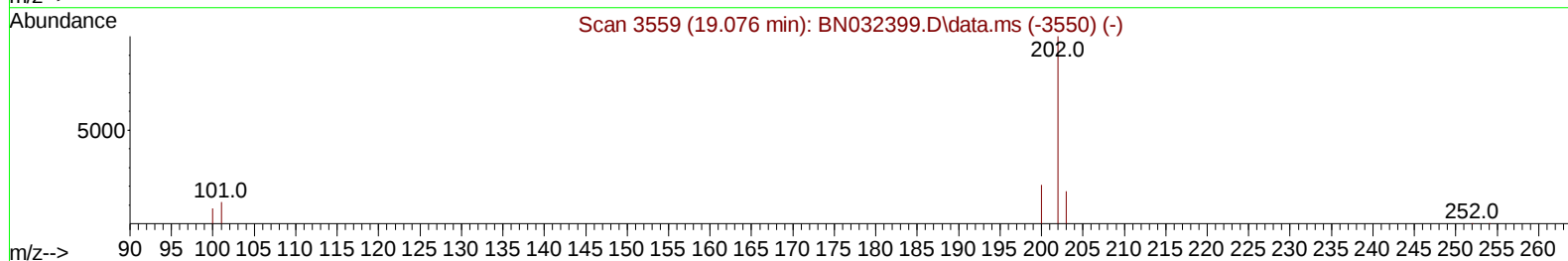
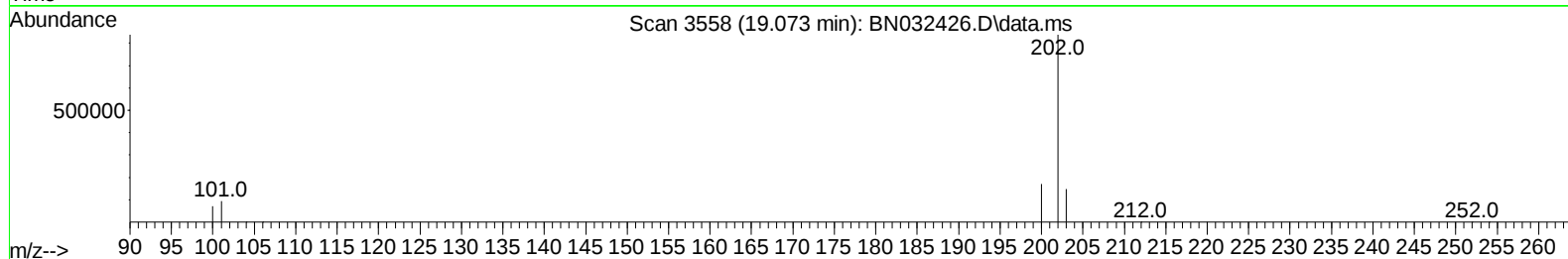
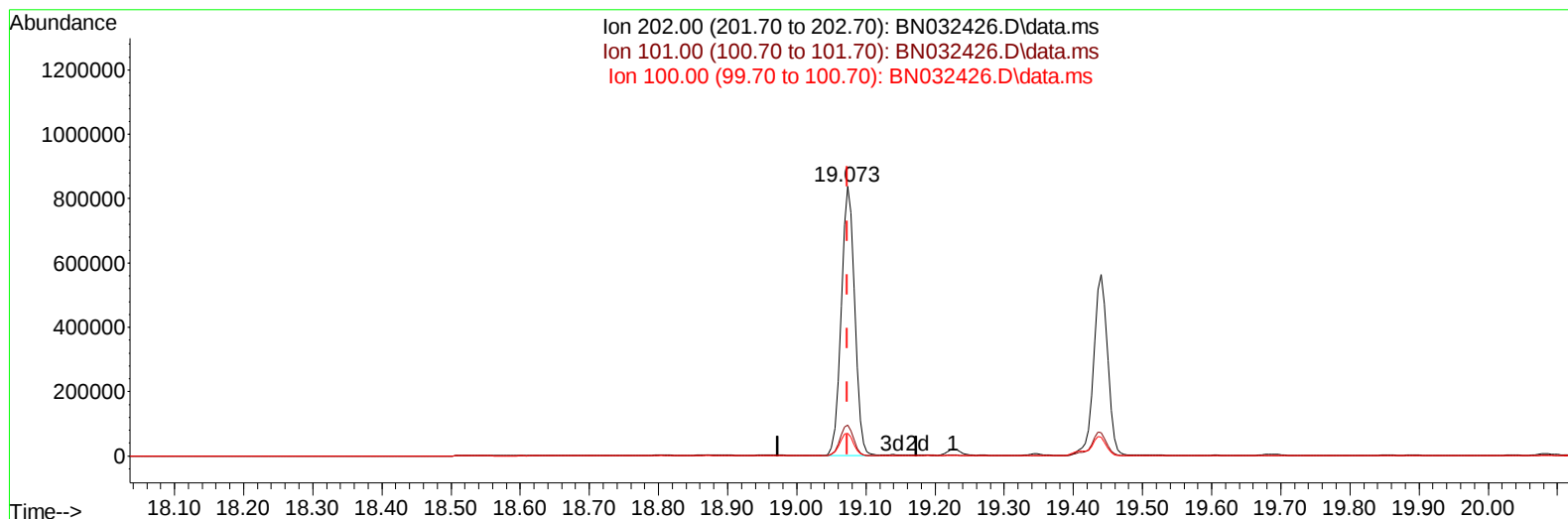
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(19) Fluoranthene (C)

19.073min (+ 0.000) 17.18 ng/ul m

response 1140254

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.34
100.00	8.00	8.46
0.00	0.00	0.00

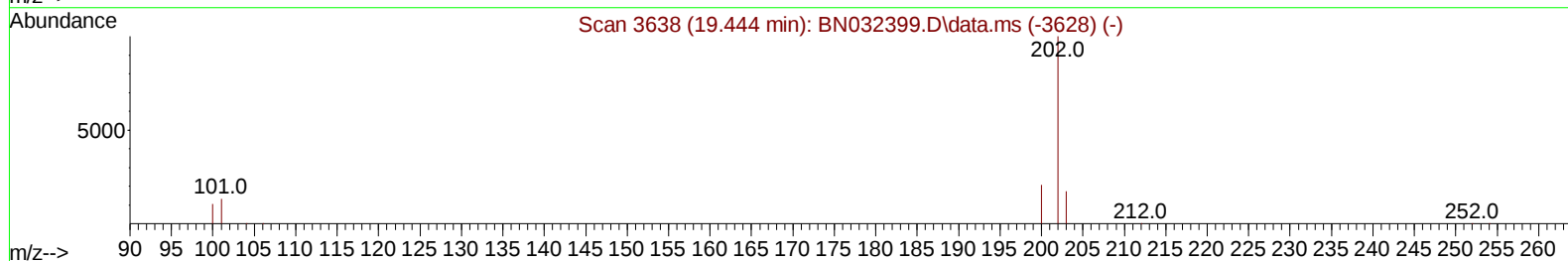
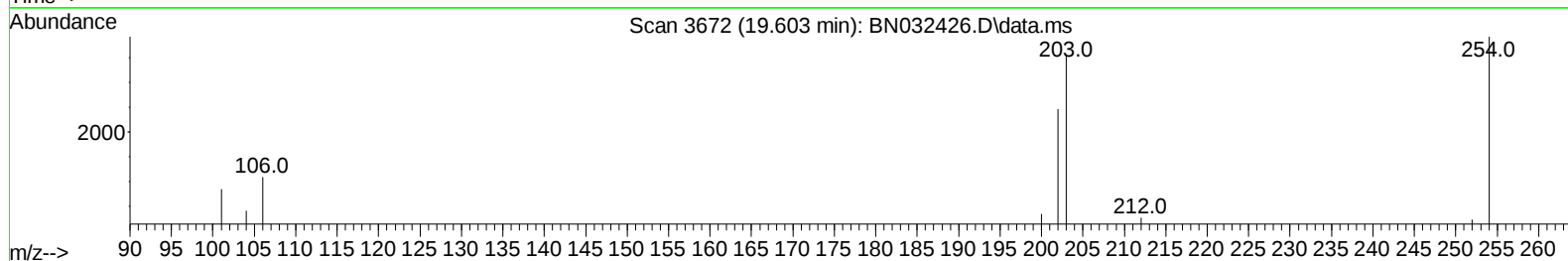
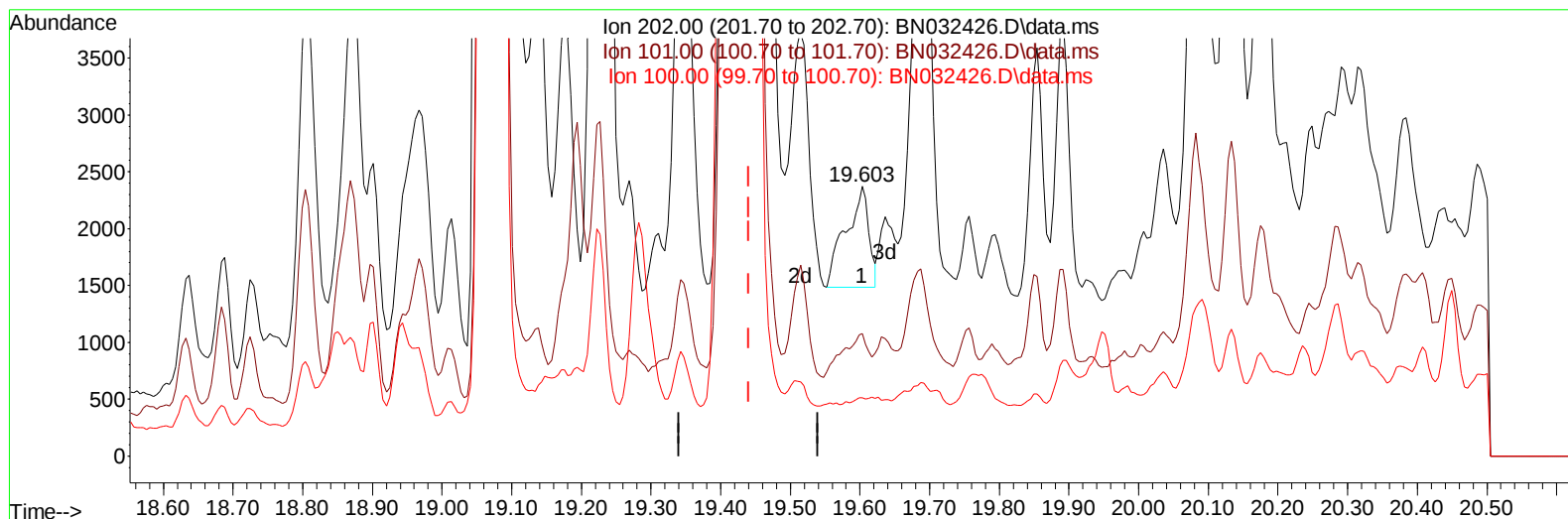
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(20) Pyrene

19.603min (+ 0.163) 0.03 ng/u1

response 2056

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	45.34#
100.00	10.90	21.55#
0.00	0.00	0.00

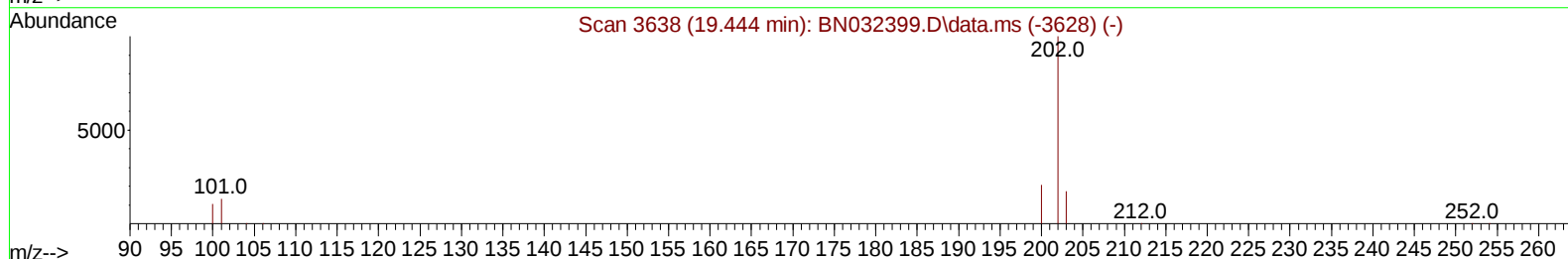
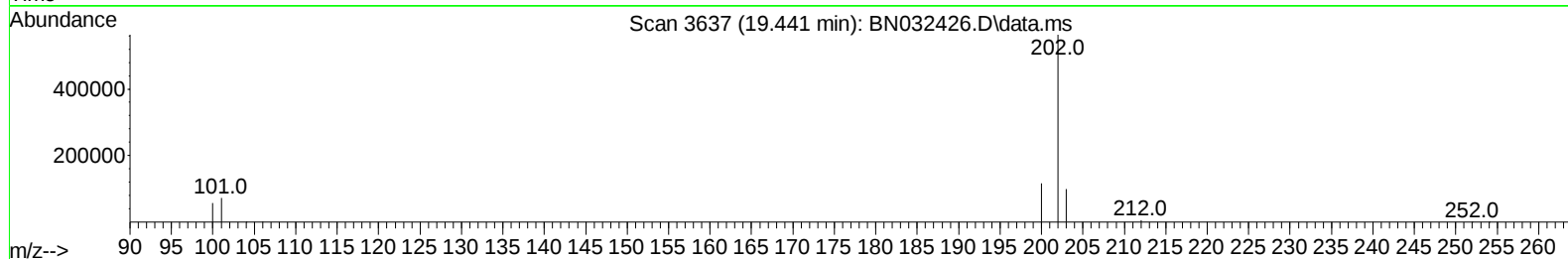
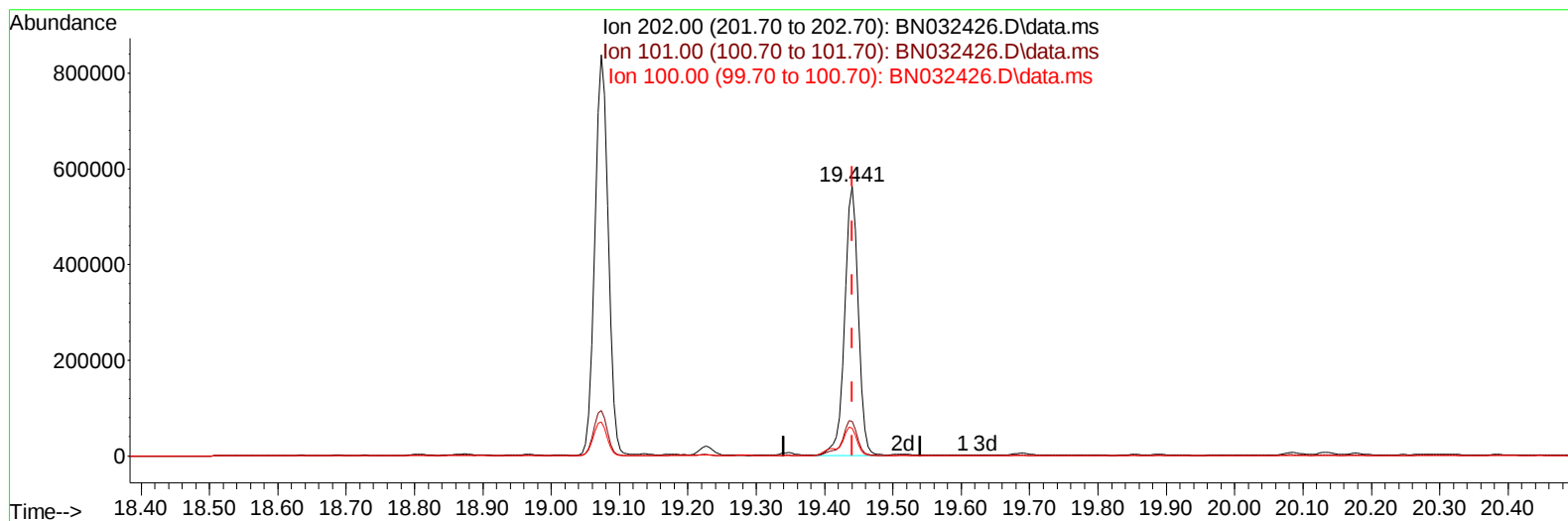
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(20) Pyrene

19.441min (+ 0.000) 11.20 ng/ul m

response 776781

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.91
100.00	10.90	10.37
0.00	0.00	0.00

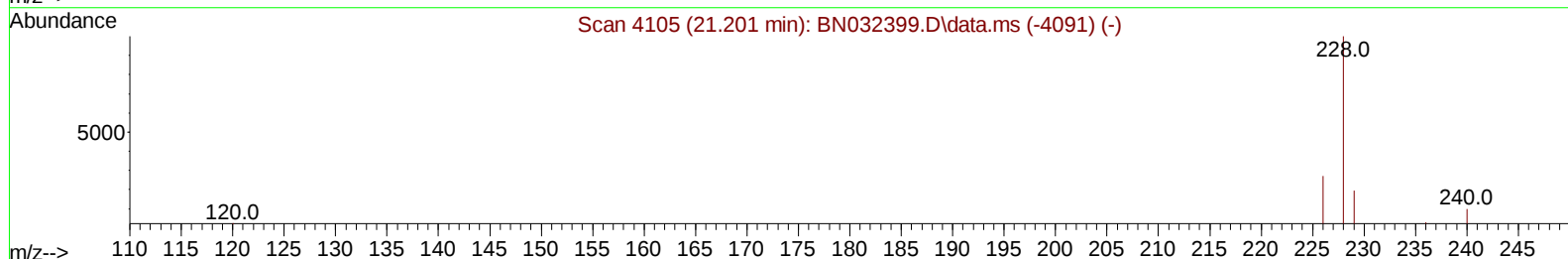
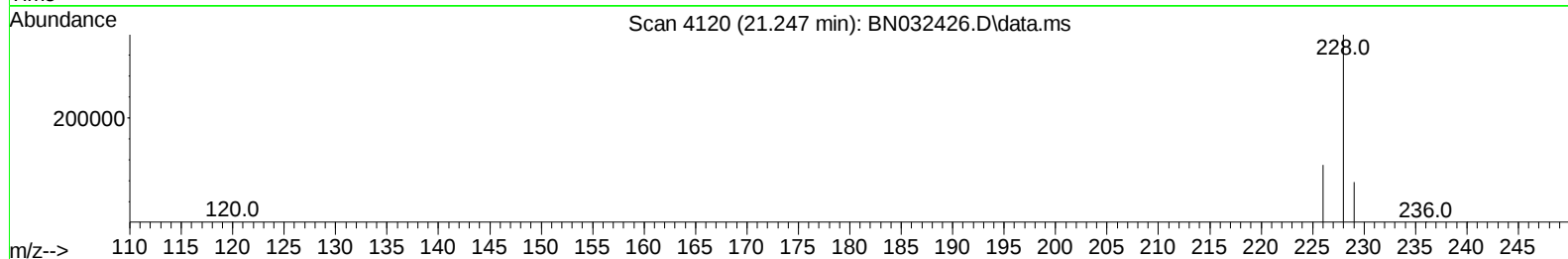
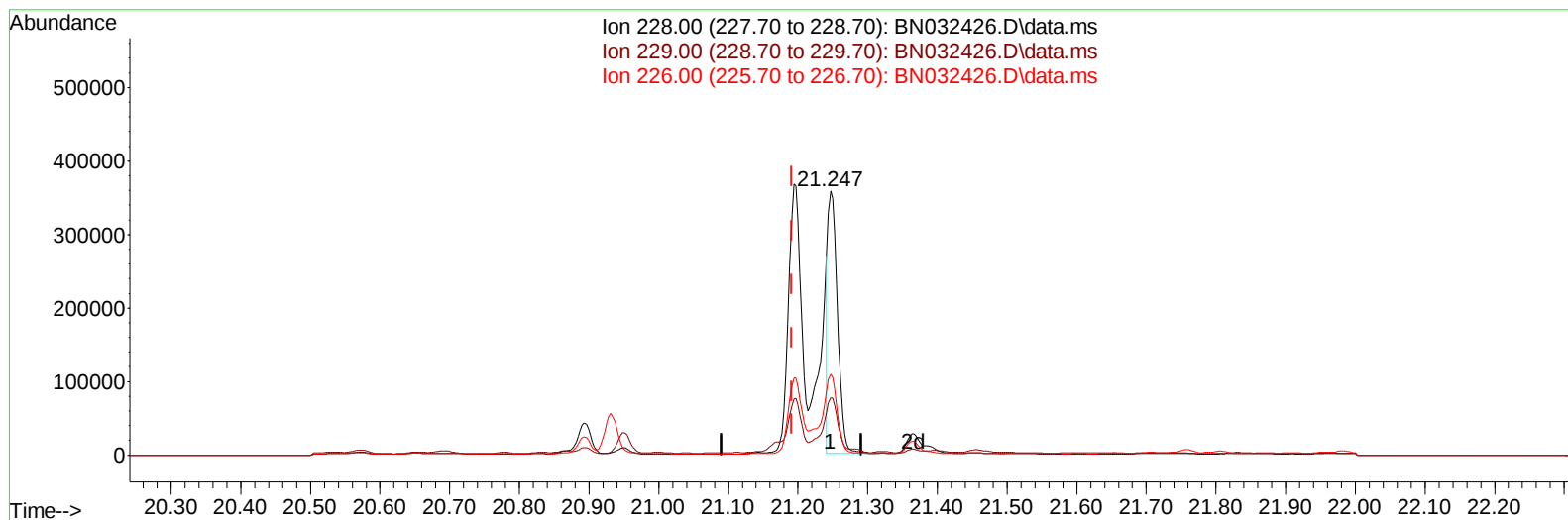
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(21) Benzo(a)anthracene

21.247min (+ 0.056) 5.34 ng/u1

response 336115

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.73
226.00	27.30	30.74
0.00	0.00	0.00

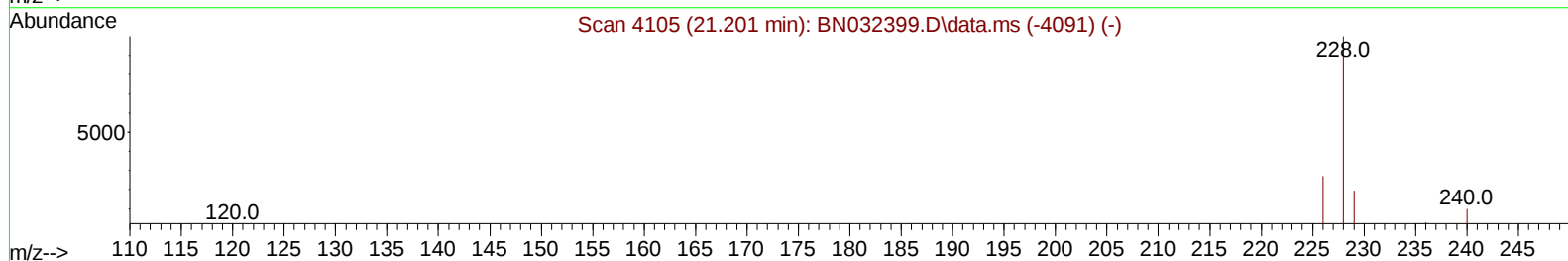
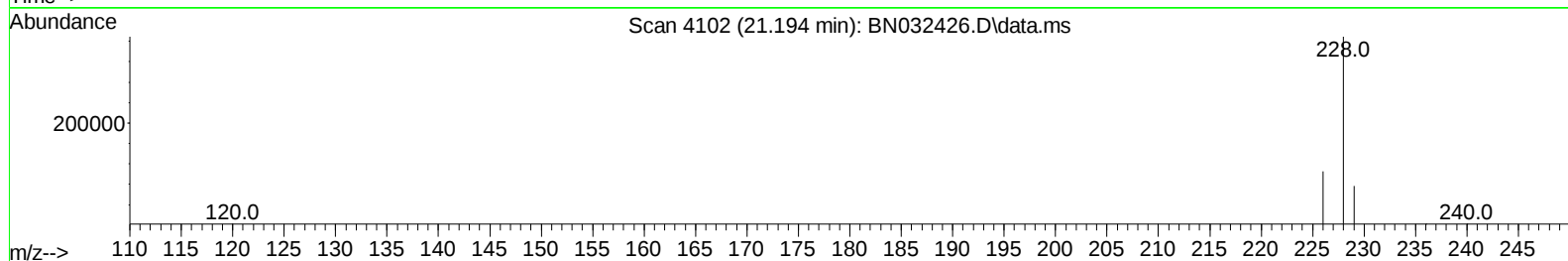
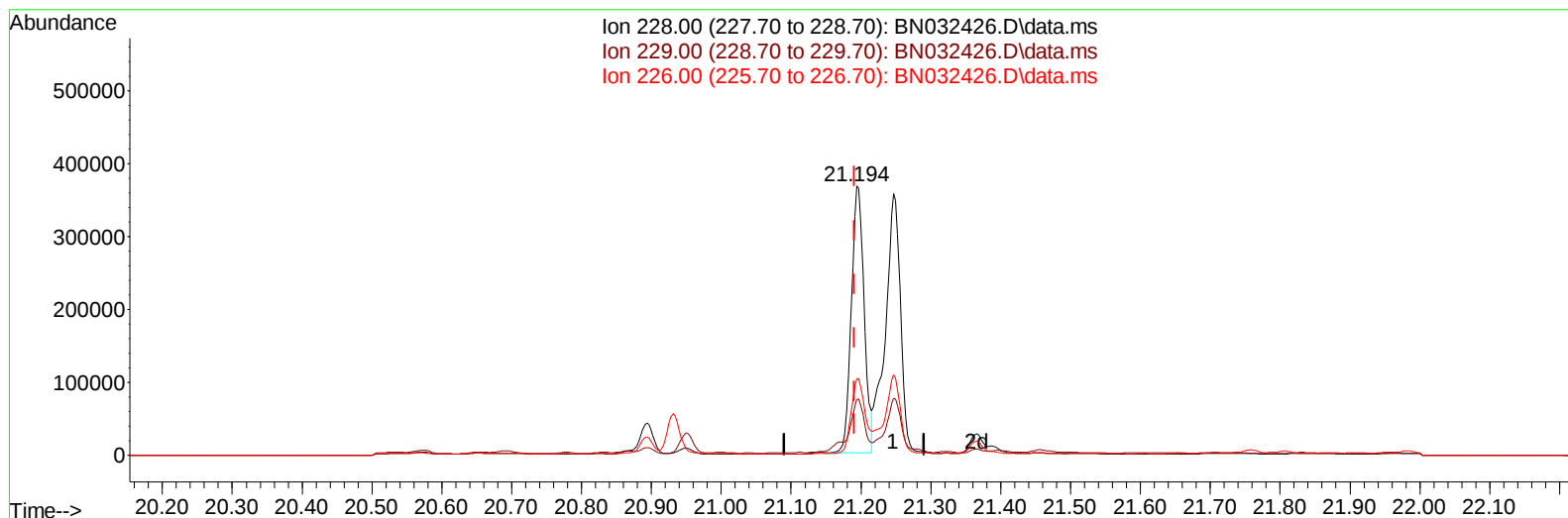
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

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

Quant Time: Jul 03 07:25:21 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



TIC: BN032426.D\data.ms

(21) Benzo(a)anthracene

21.194min (+ 0.003) 7.40 ng/ul m

response 465224

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.68
226.00	27.30	28.45
0.00	0.00	0.00

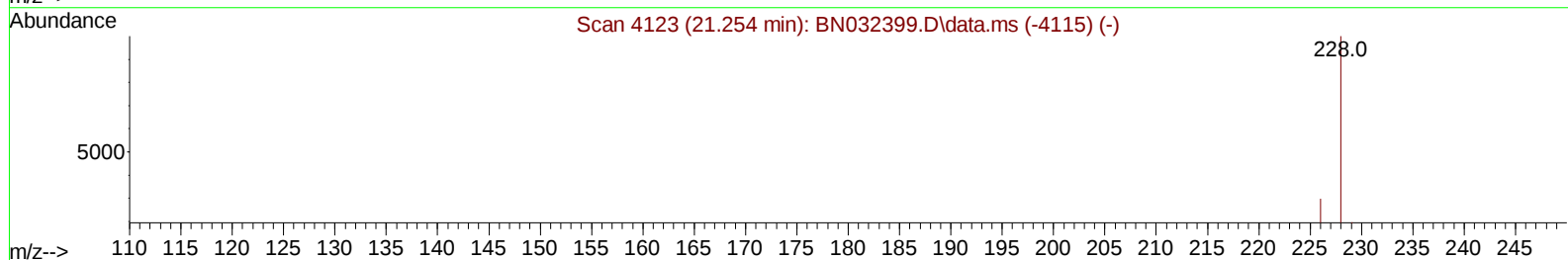
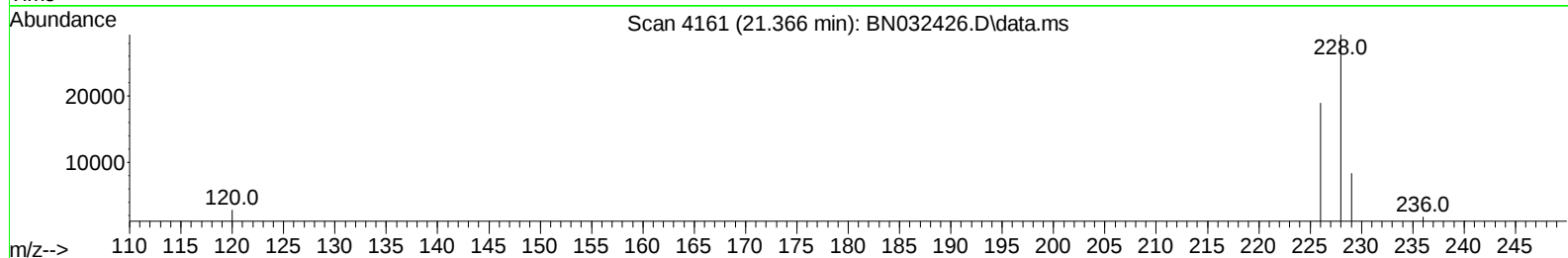
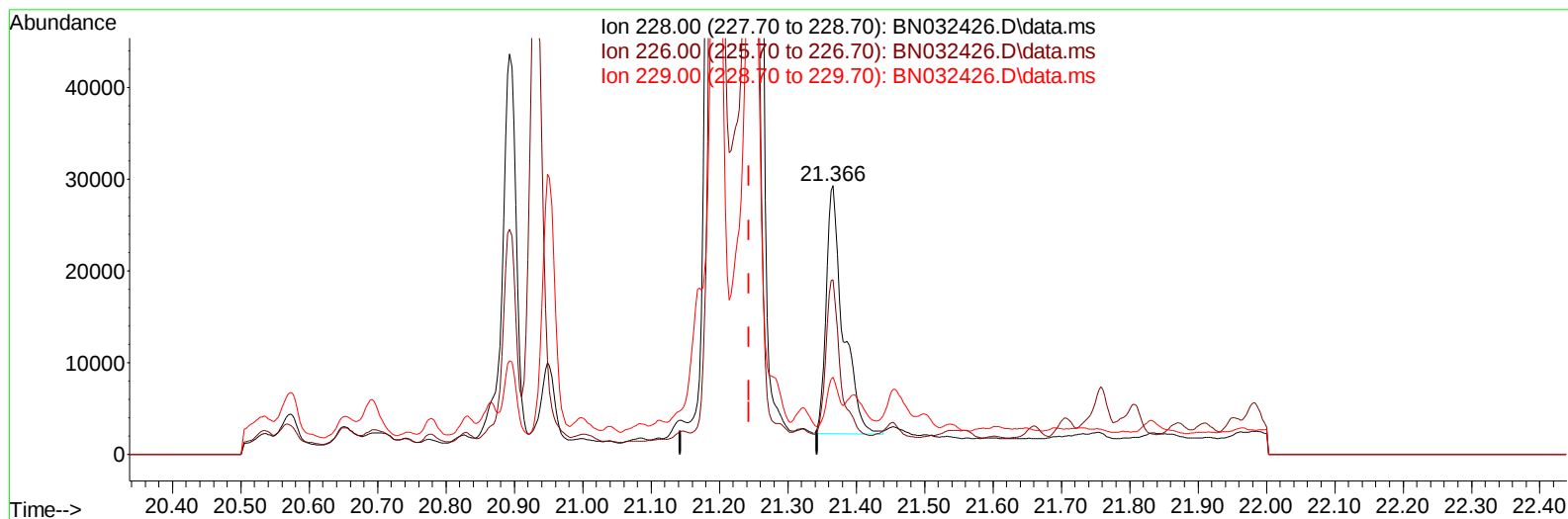
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(22) Chrysene

21.366min (+ 0.123) 0.67 ng/u1

response 46353

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	64.98#
229.00	19.60	28.66#
0.00	0.00	0.00

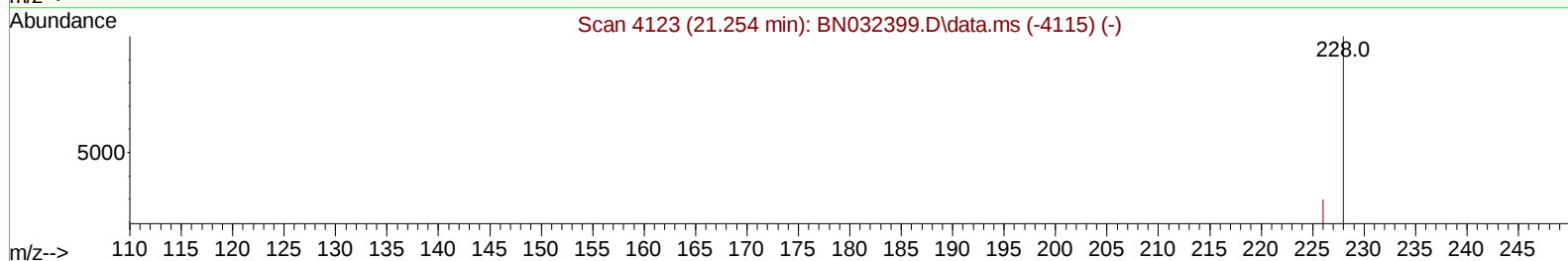
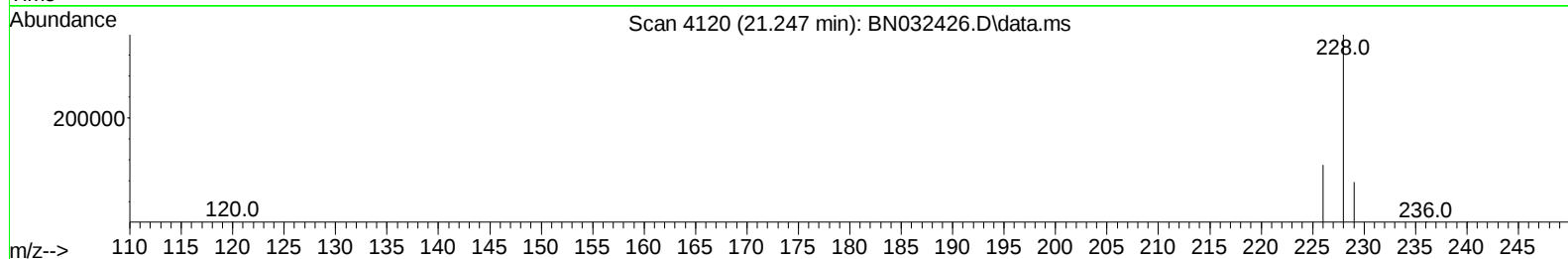
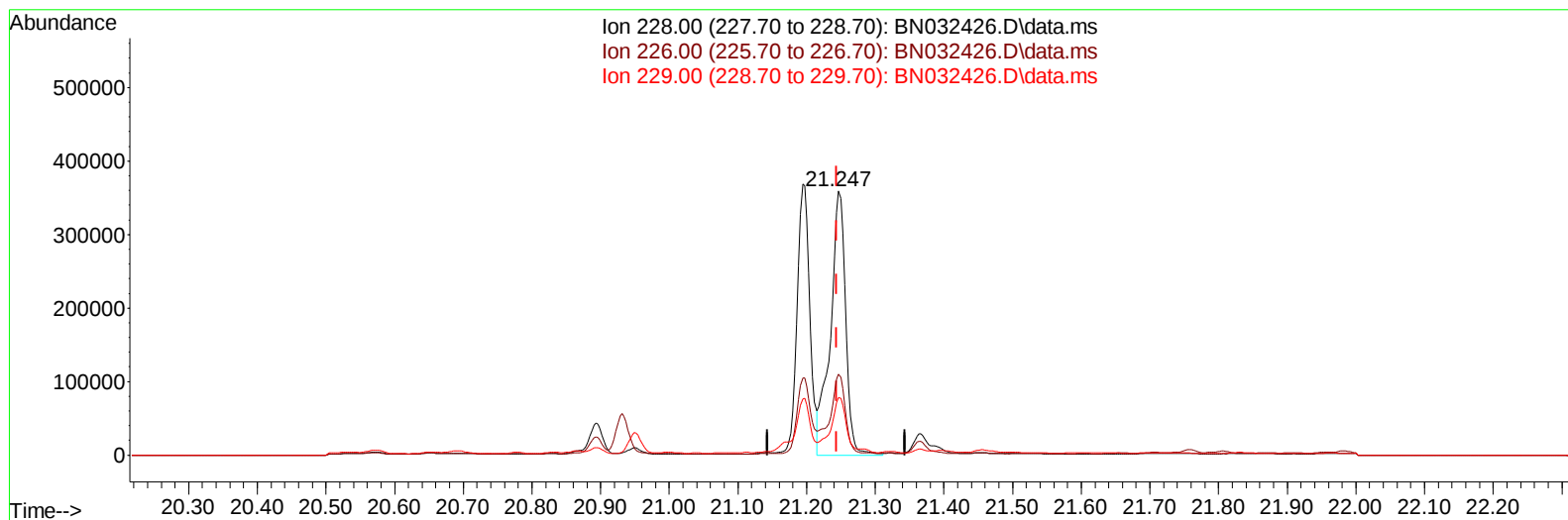
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

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

Quant Time: Jul 03 07:25:21 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



TIC: BN032426.D\data.ms

(22) Chrysene

21.247min (+ 0.003) 8.11 ng/ul m

response 559612

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.74
229.00	19.60	21.73
0.00	0.00	0.00

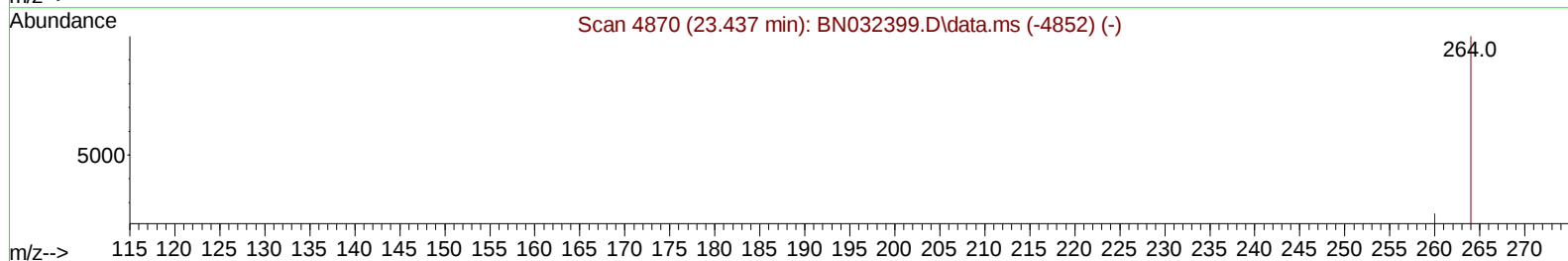
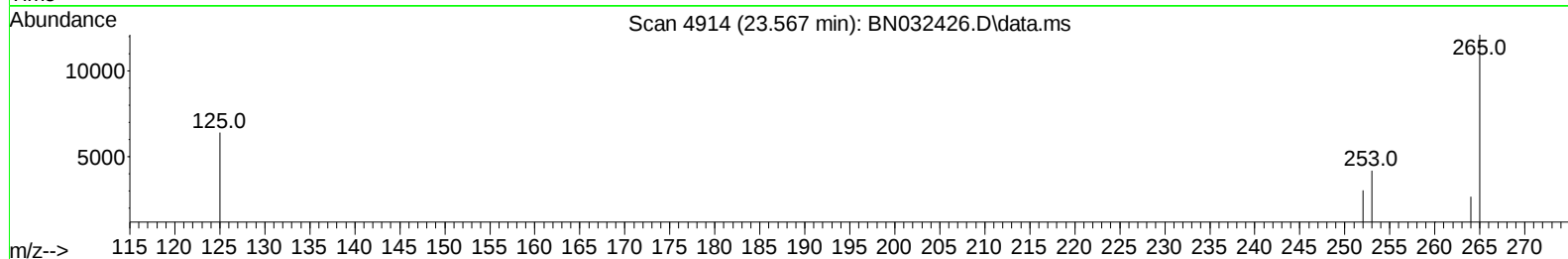
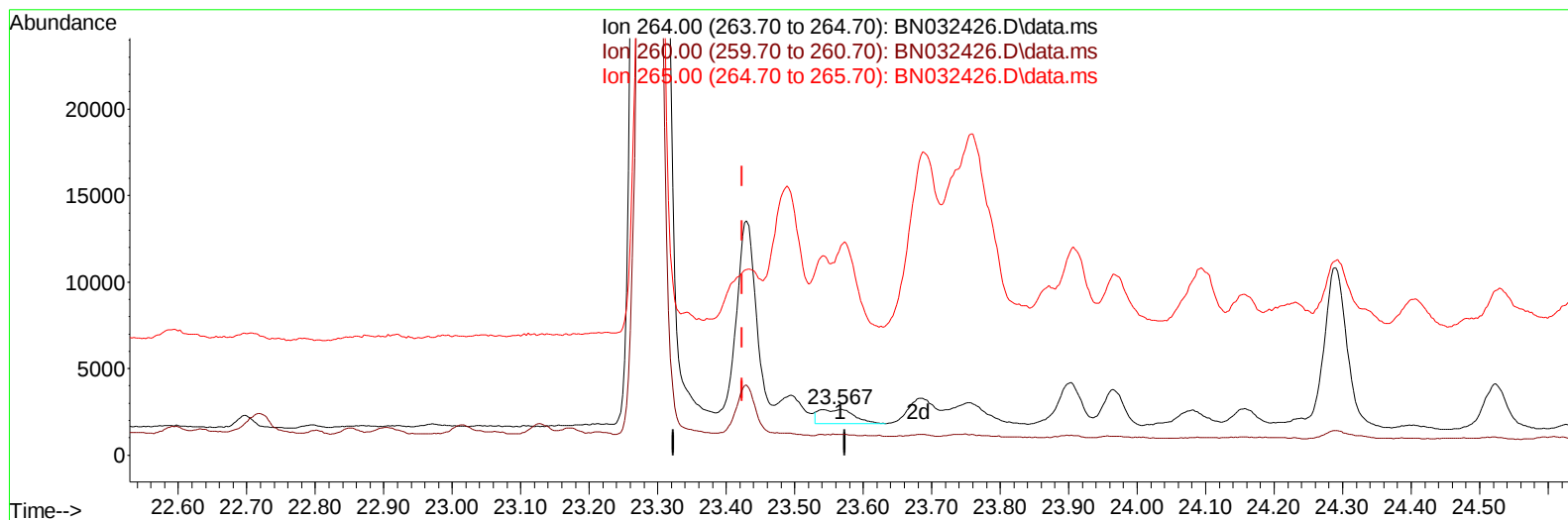
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032426.D\data.ms

(23) Perylene-d12 (I)

23.567min (+ 0.143) 0.40 ng/u1

response 2890

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	44.89#
265.00	67.20	455.03#
0.00	0.00	0.00

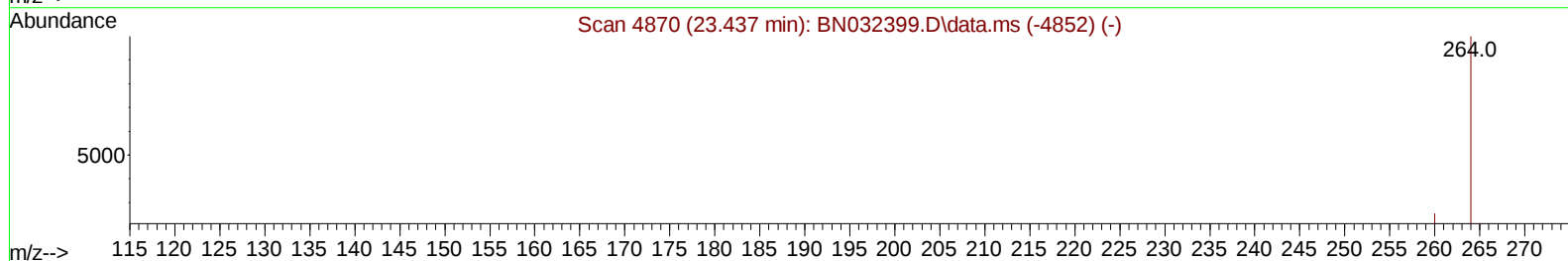
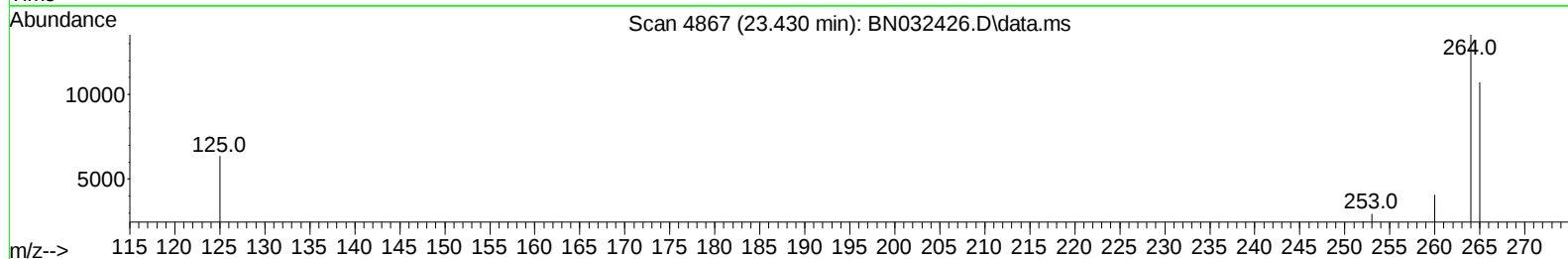
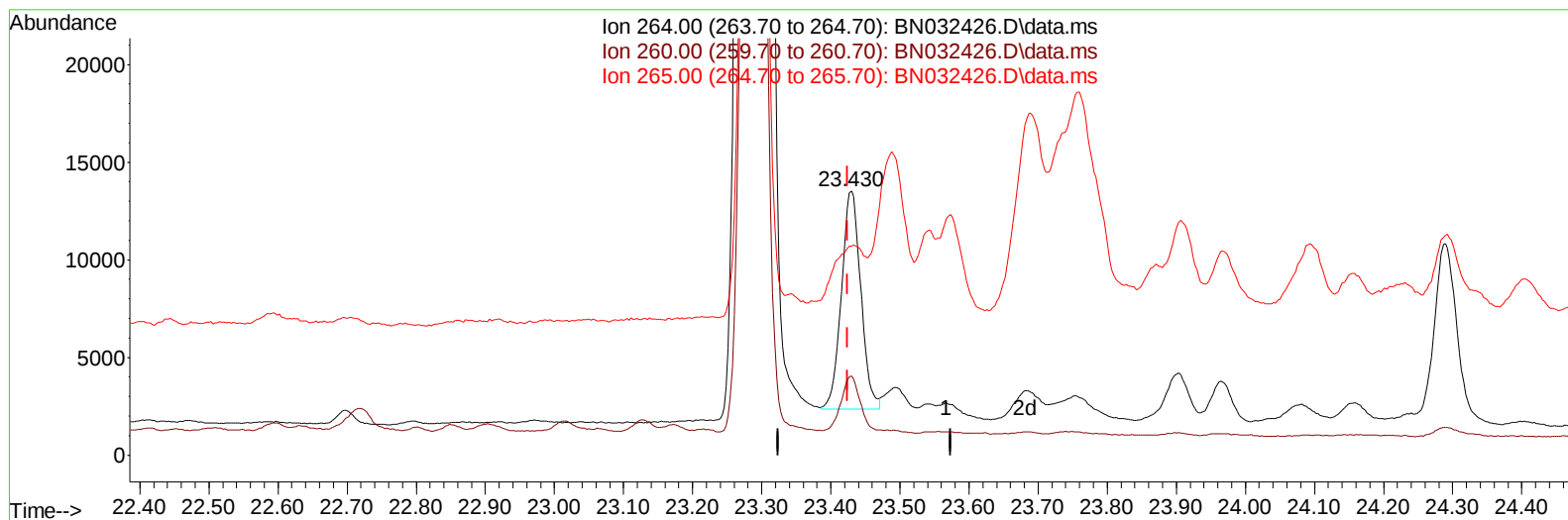
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032426.D\data.ms

(23) Perylene-d12 (I)

23.430min (+ 0.006) 0.40 ng/ul m

response 21710

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	30.01
265.00	67.20	79.23
0.00	0.00	0.00

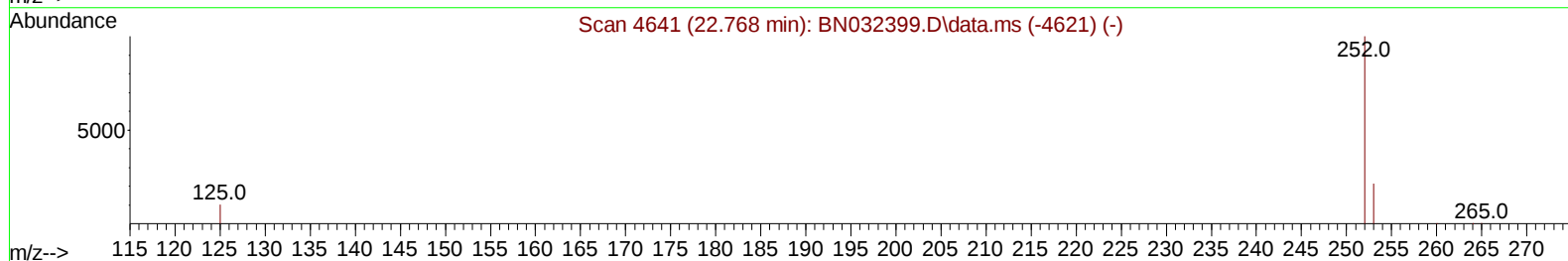
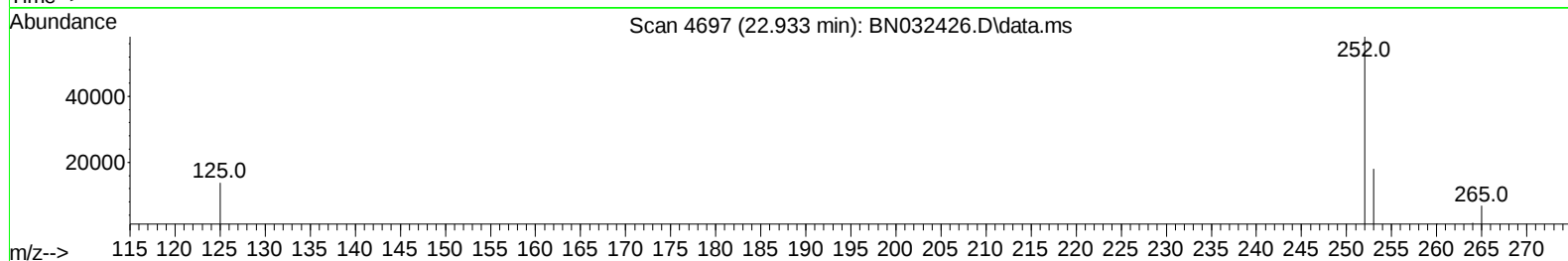
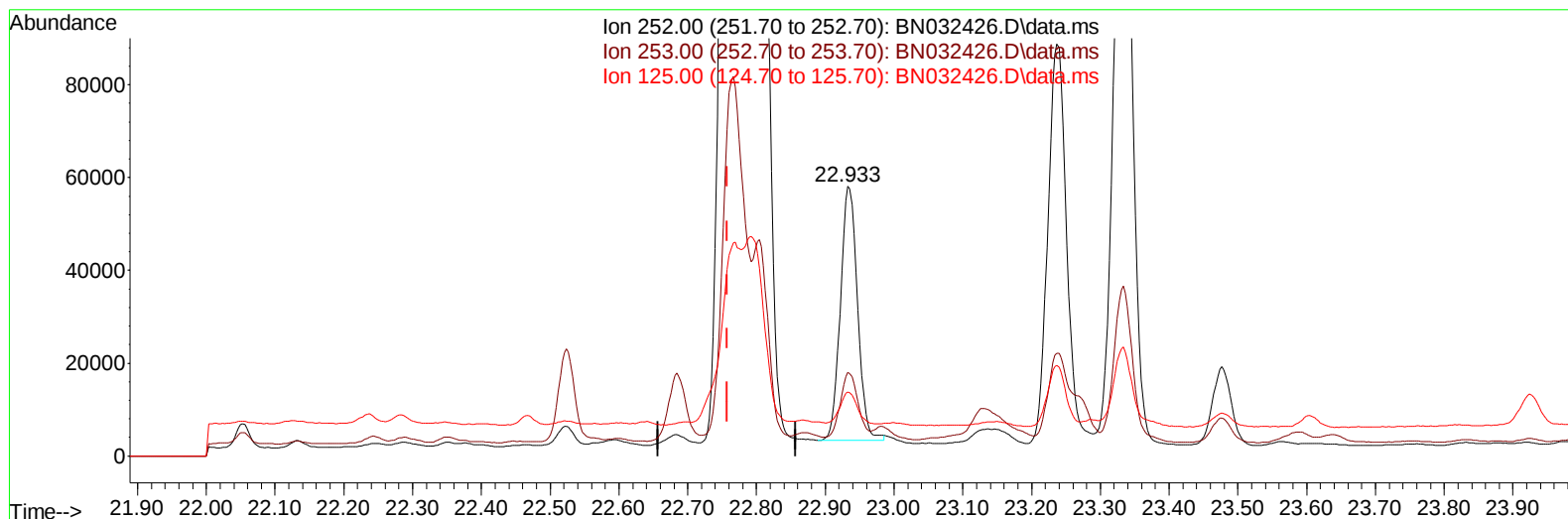
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032426.D\data.ms

(24) Benzo(b)fluoranthene

22.933min (+ 0.176) 1.00 ng/u1

response 94549

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	30.96
125.00	16.00	23.76
0.00	0.00	0.00

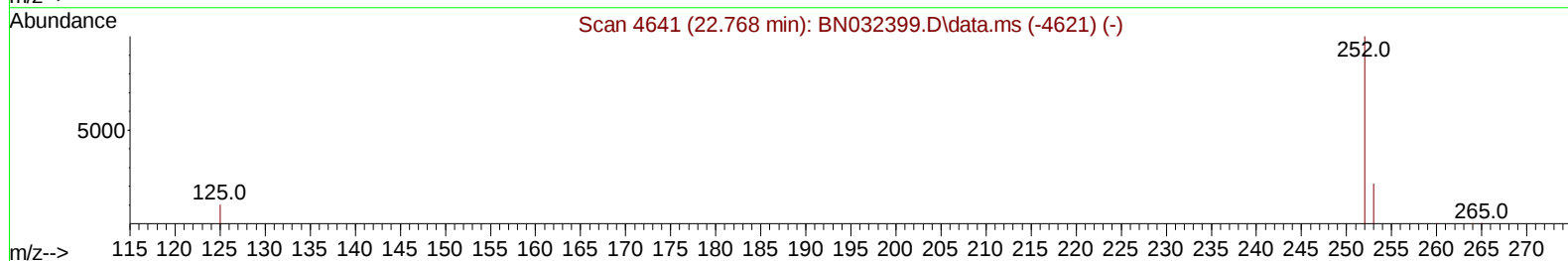
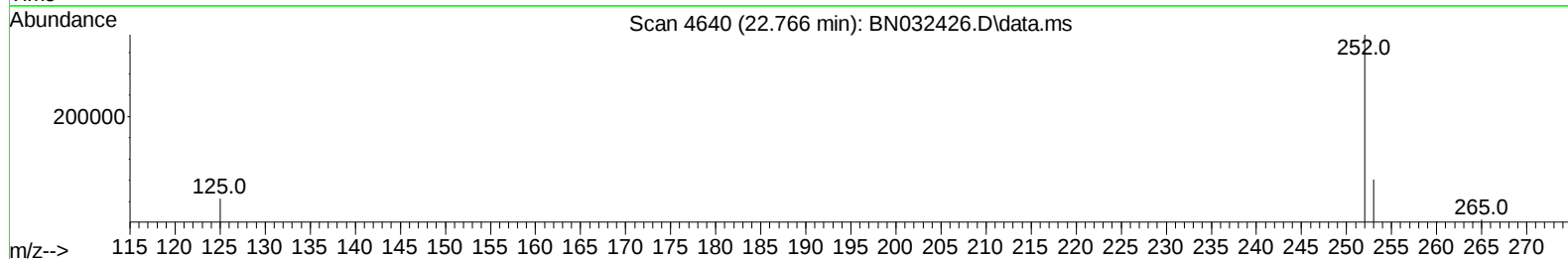
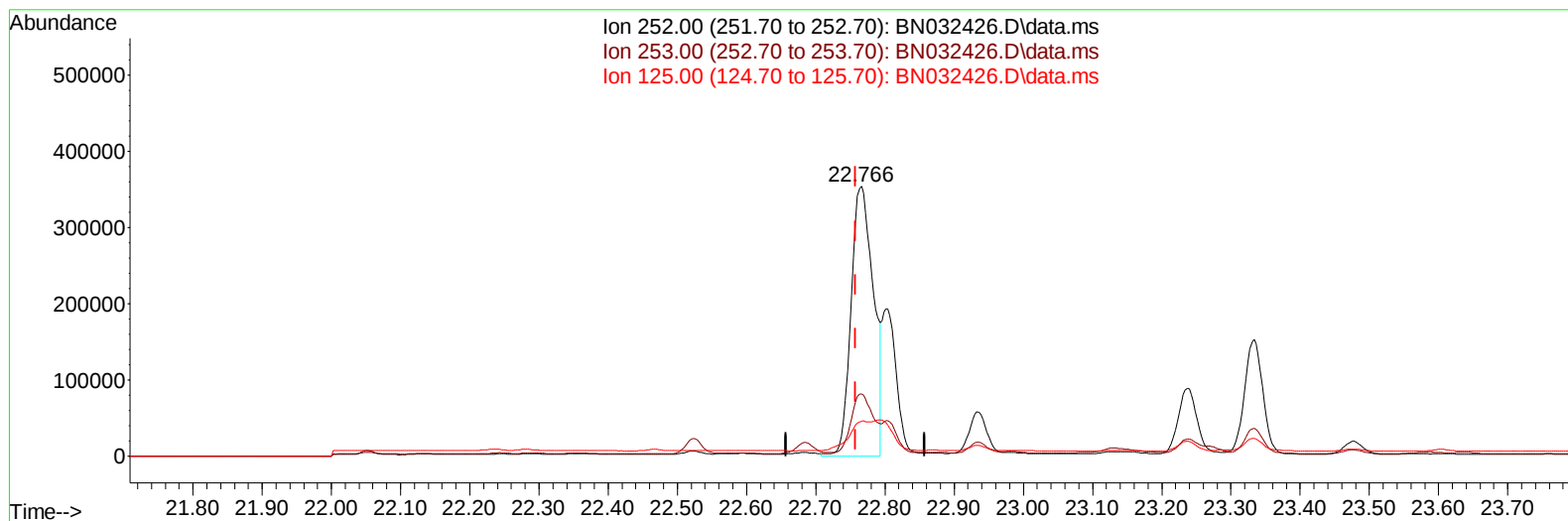
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032426.D\data.ms

(24) Benzo(b)fluoranthene

22.766min (+ 0.009) 8.37 ng/u1 m

response 789850

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.11
125.00	16.00	12.98
0.00	0.00	0.00

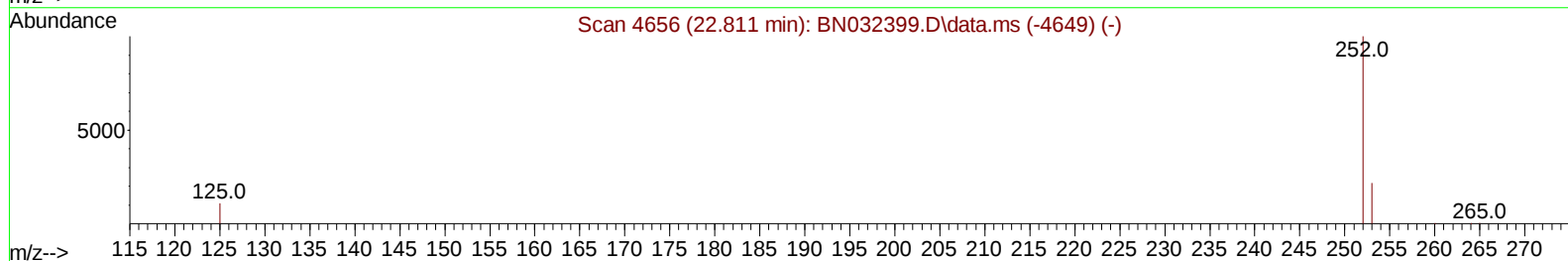
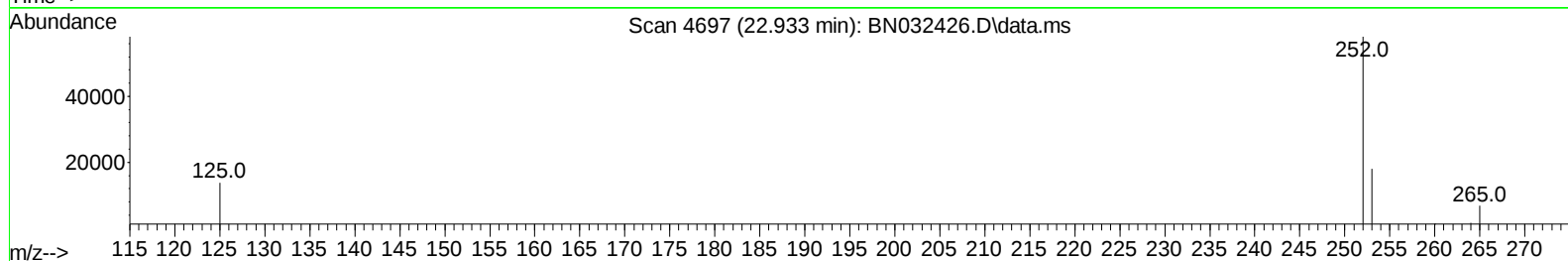
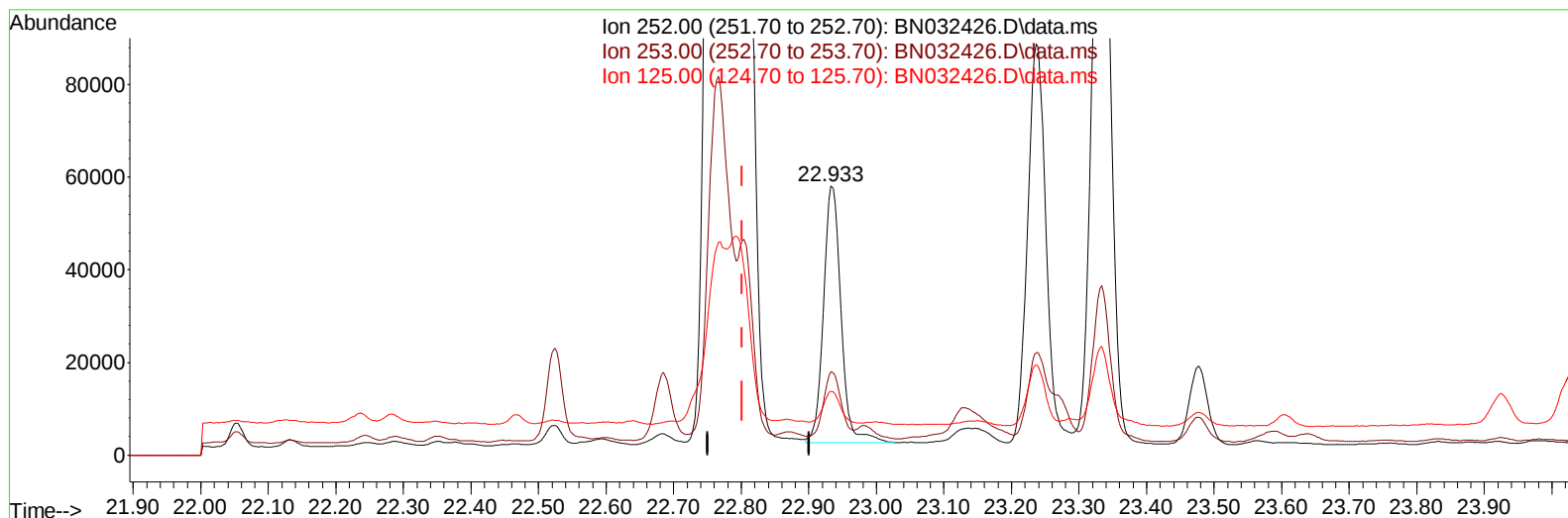
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

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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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032426.D\data.ms

(25) Benzo(k)fluoranthene

22.933min (+ 0.132) 1.09 ng/u1

response 99942

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	30.96#
125.00	16.00	23.76#
0.00	0.00	0.00

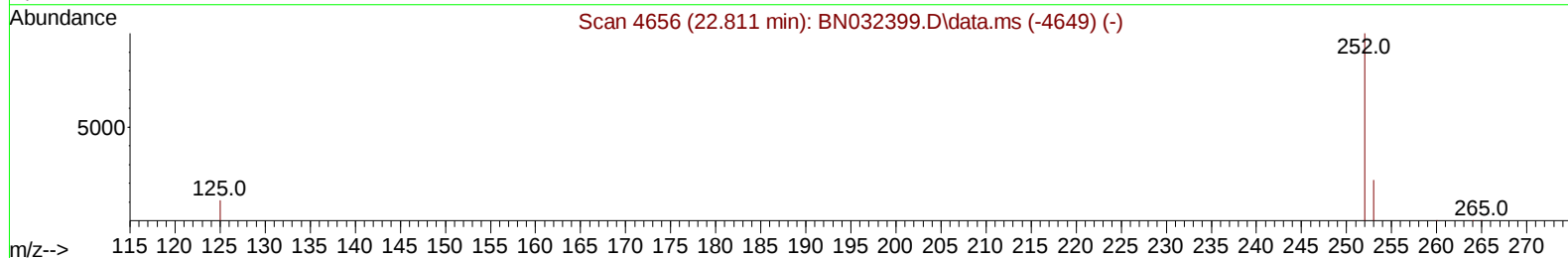
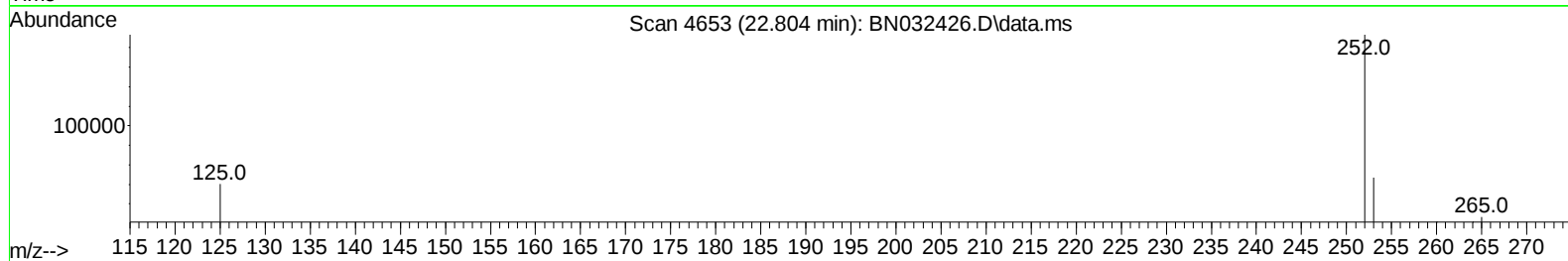
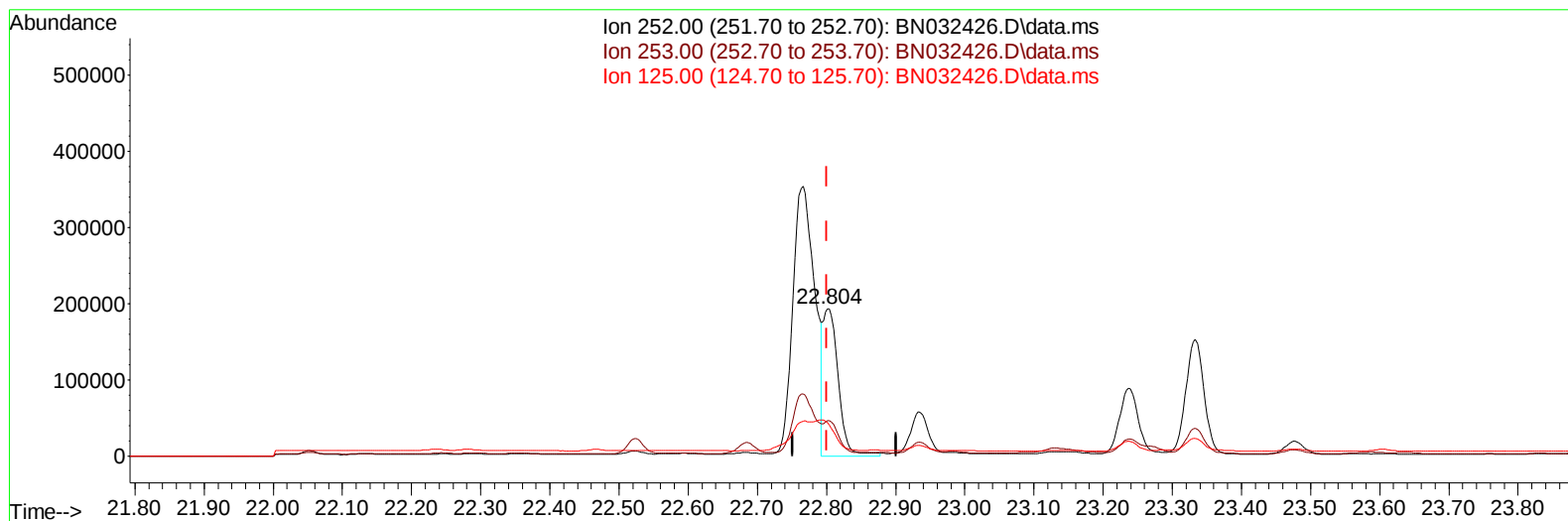
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032426.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (+ 0.003) 3.19 ng/u1 m

response 292326

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.15
125.00	16.00	20.92#
0.00	0.00	0.00

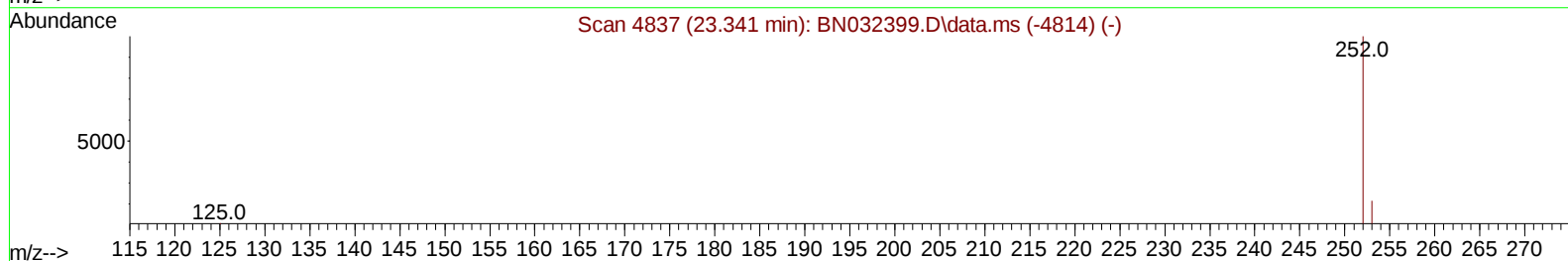
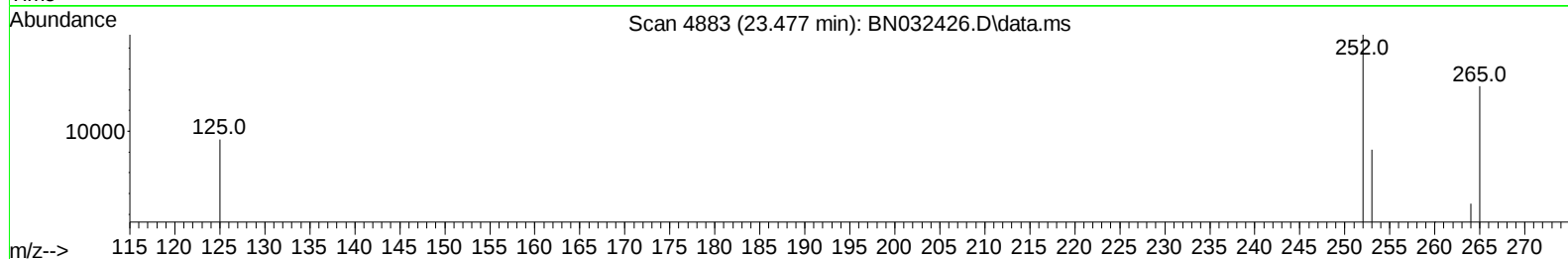
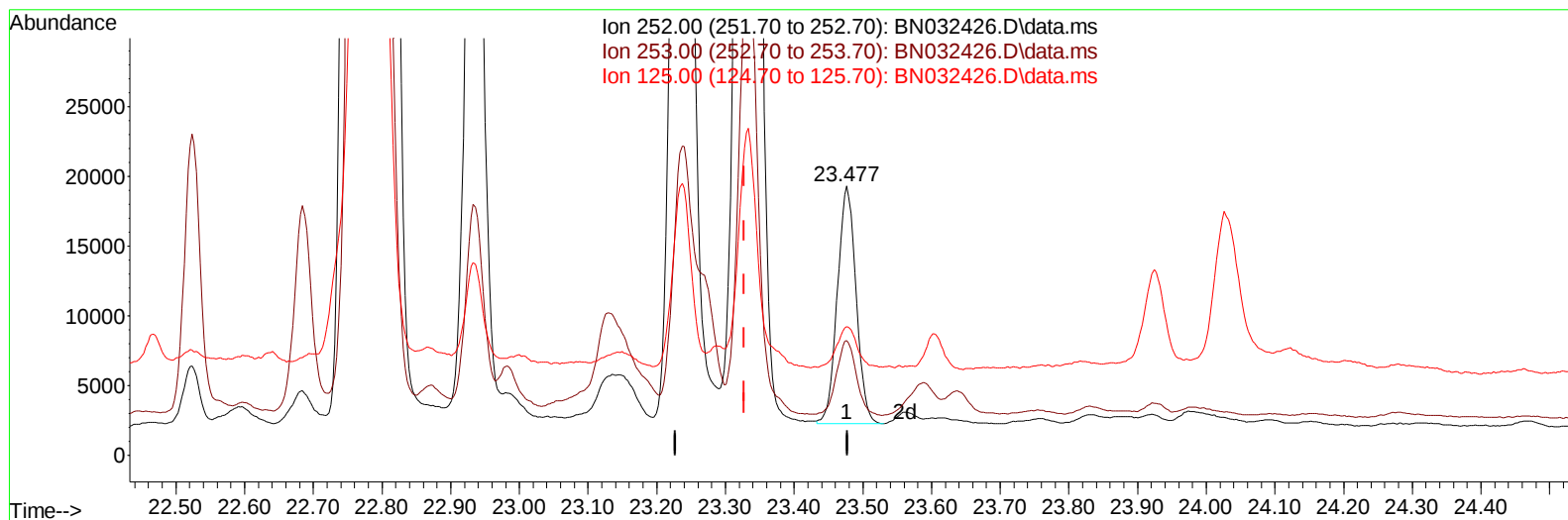
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032426.D
 Acq On : 03 Jul 2024 06:58
 Operator : MA/JU
 Sample : P2963-16
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(26) Benzo(a)pyrene (C)

23.477min (+ 0.149) 0.49 ng/u1

response 32194

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	42.63#
125.00	20.50	47.86#
0.00	0.00	0.00

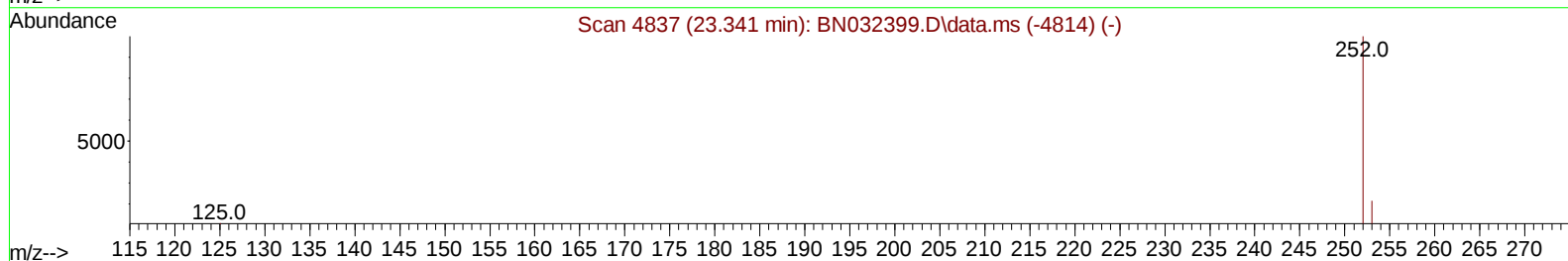
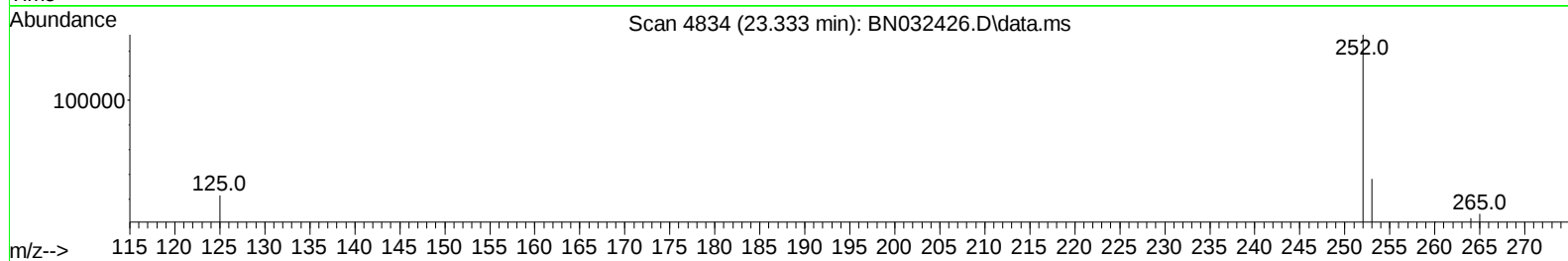
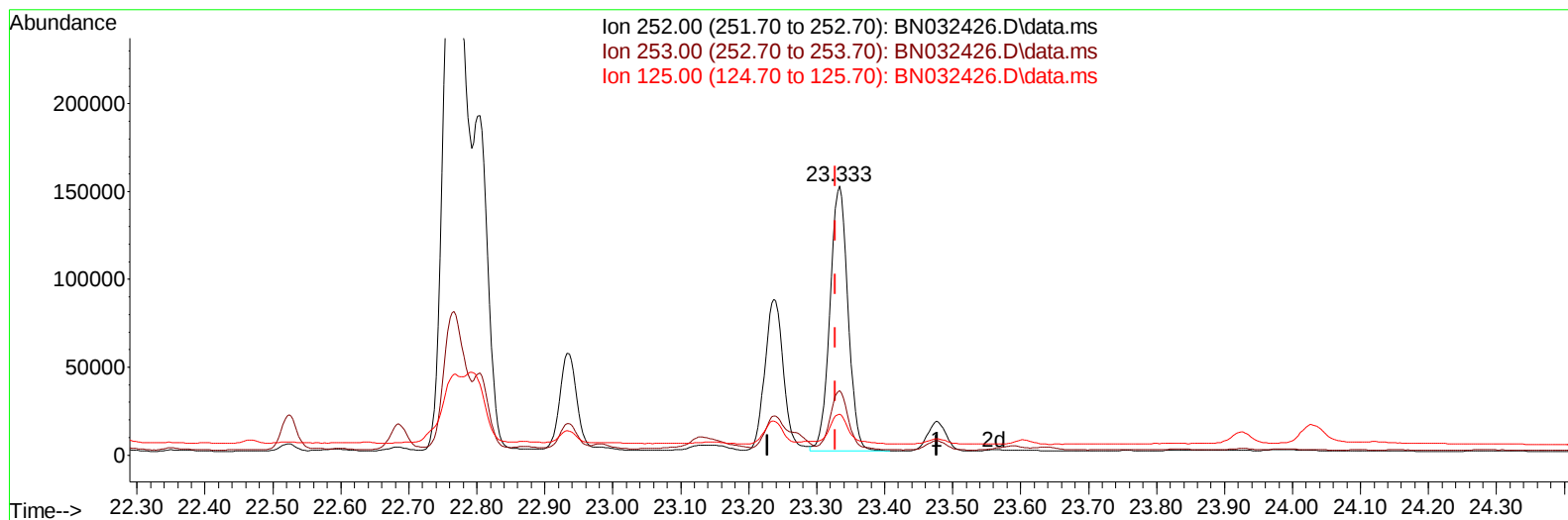
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(26) Benzo(a)pyrene (C)

23.333min (+ 0.006) 4.23 ng/ul m

response 277818

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.89
125.00	20.50	15.31#
0.00	0.00	0.00

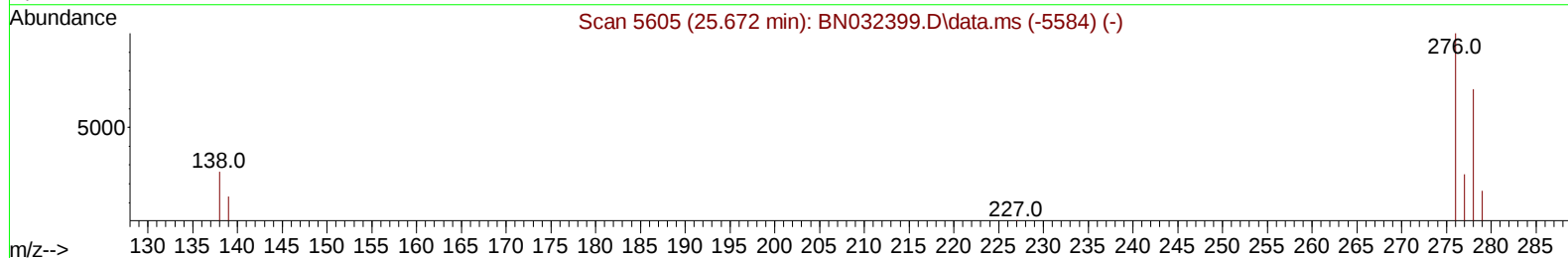
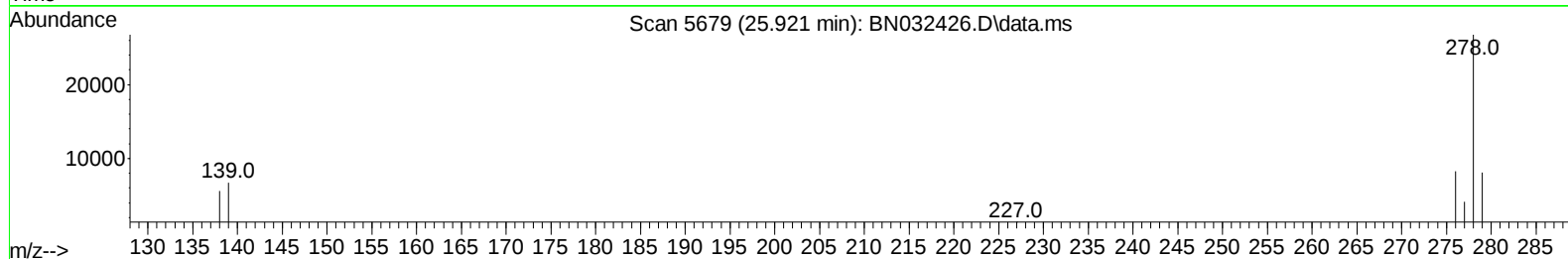
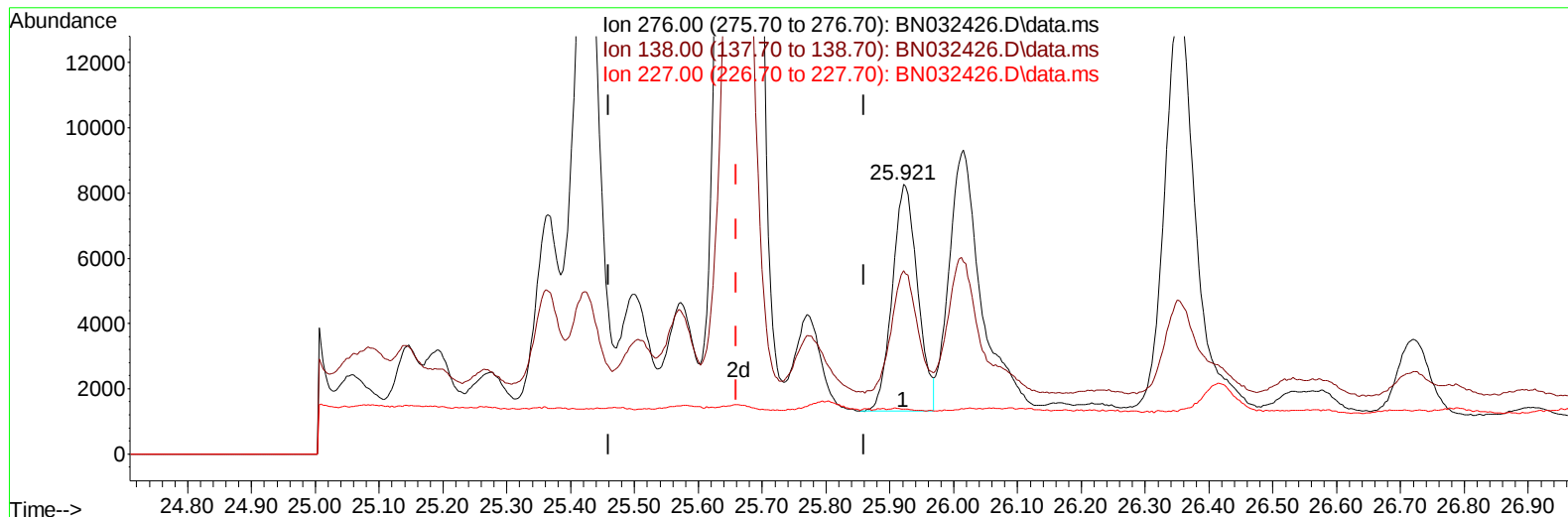
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

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

25.921min (+ 0.262) 0.19 ng/u1

response 19186

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	55.68#
227.00	0.10	0.95#
0.00	0.00	0.00

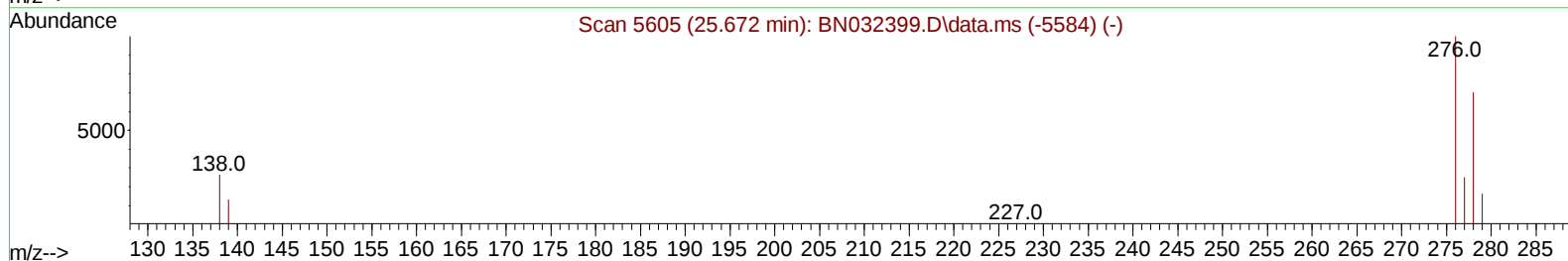
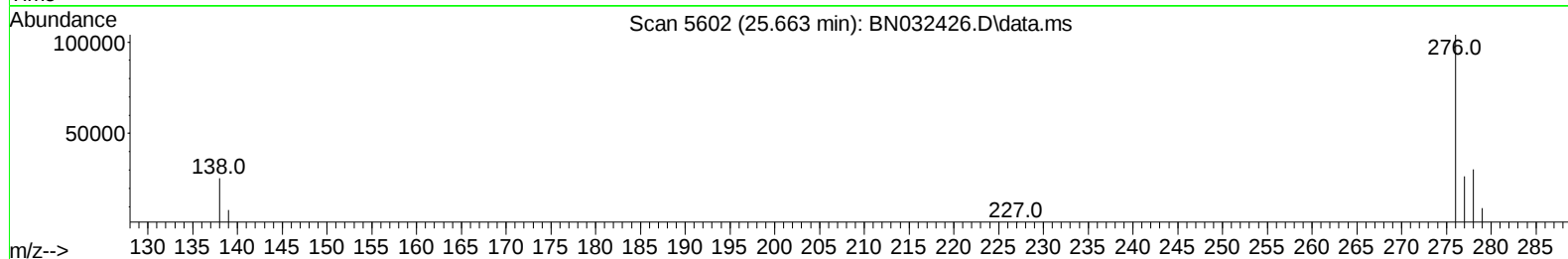
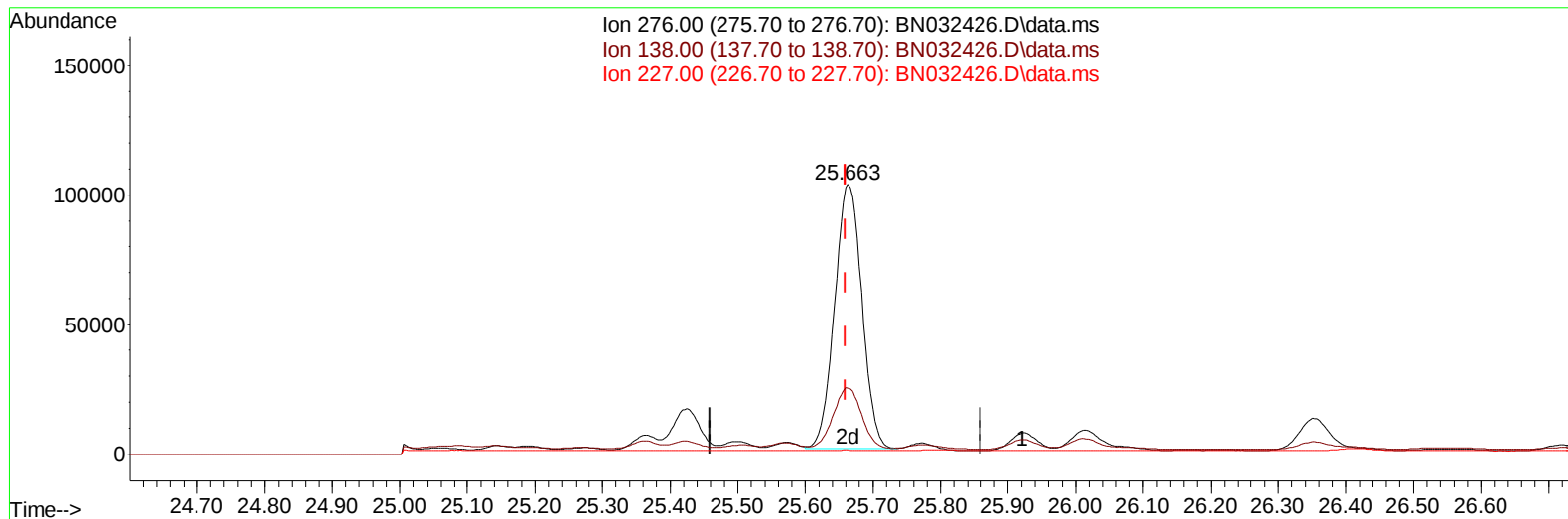
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

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

25.663min (+ 0.003) 2.79 ng/u1 m

response 286446

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.73#
227.00	0.10	0.06#
0.00	0.00	0.00

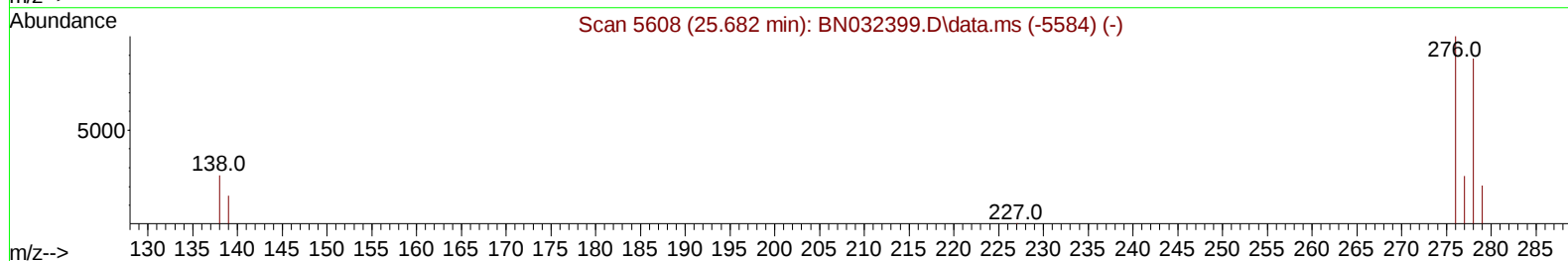
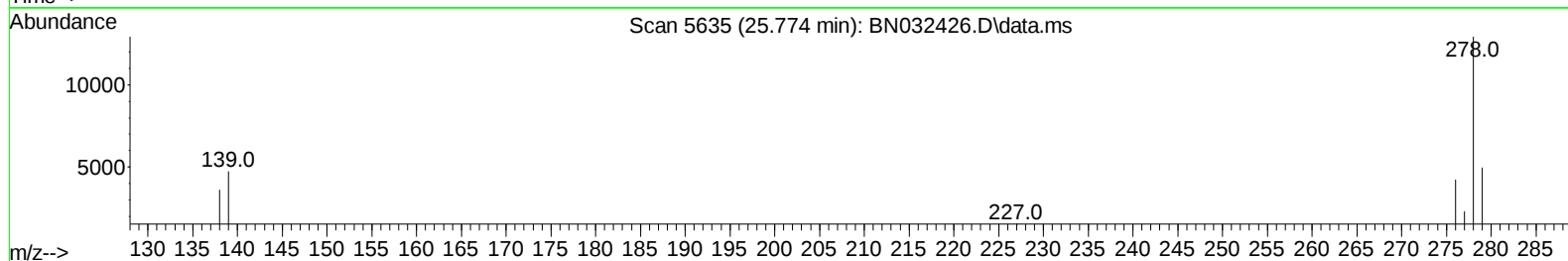
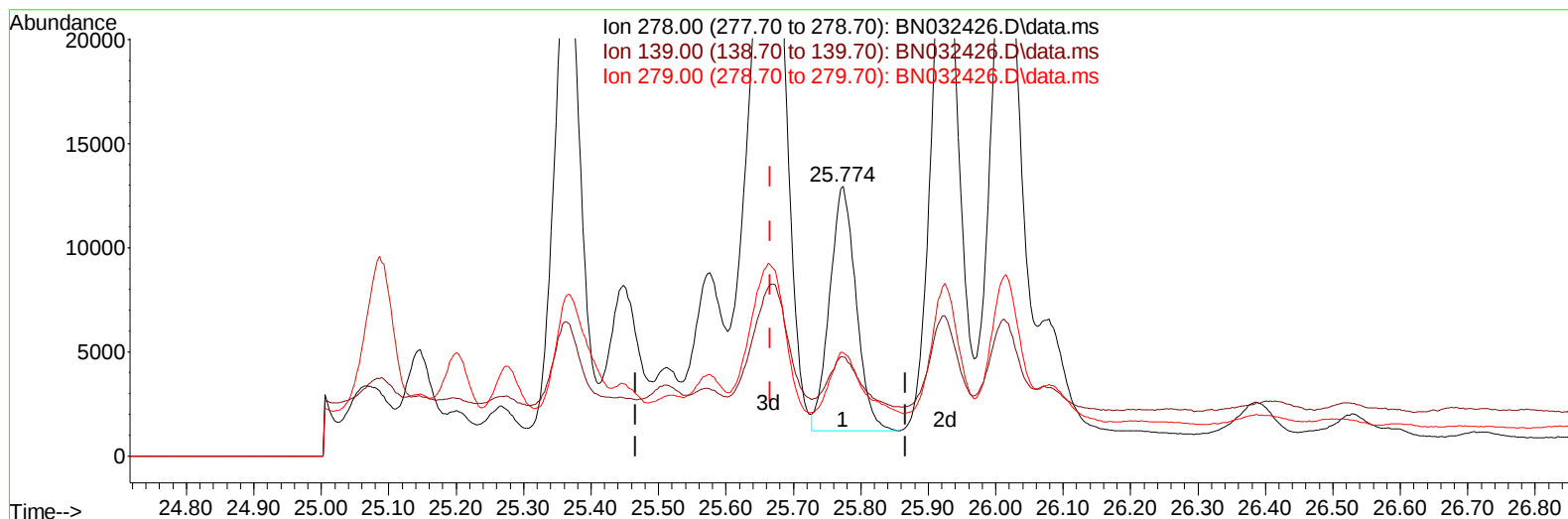
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(28) Dibenzo(a,h)anthracene

25.774min (+ 0.107) 0.42 ng/u1

response 31989

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	36.66#
279.00	26.40	38.43#
0.00	0.00	0.00

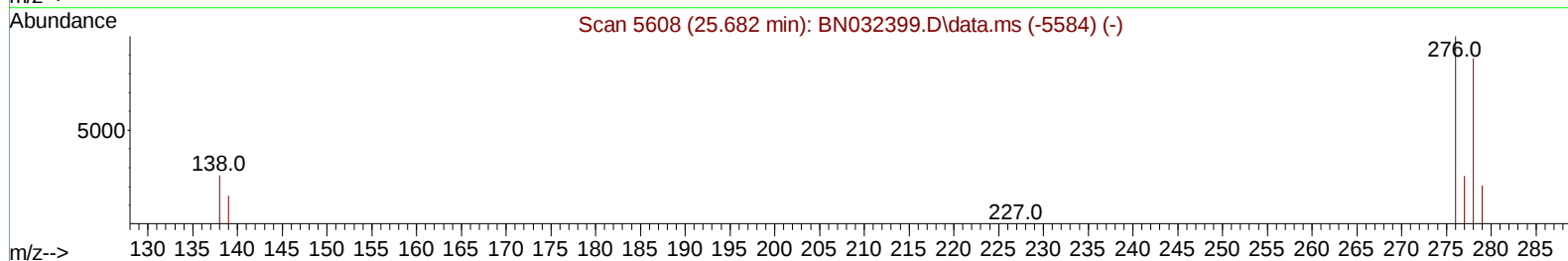
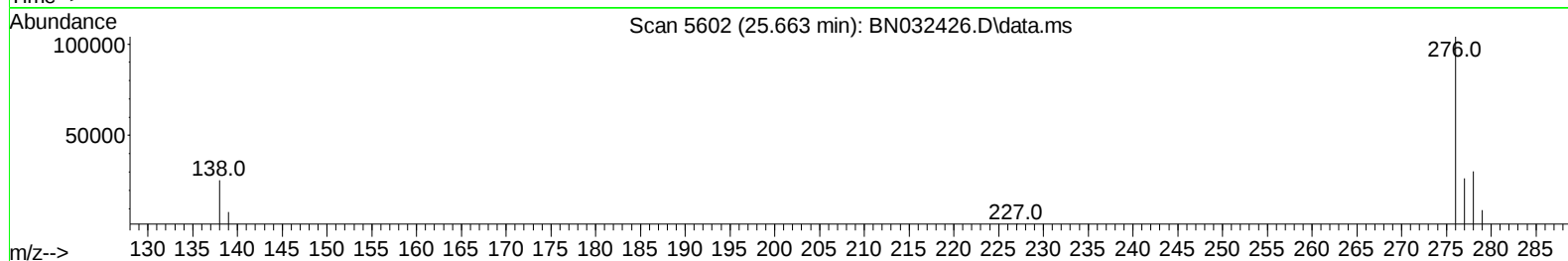
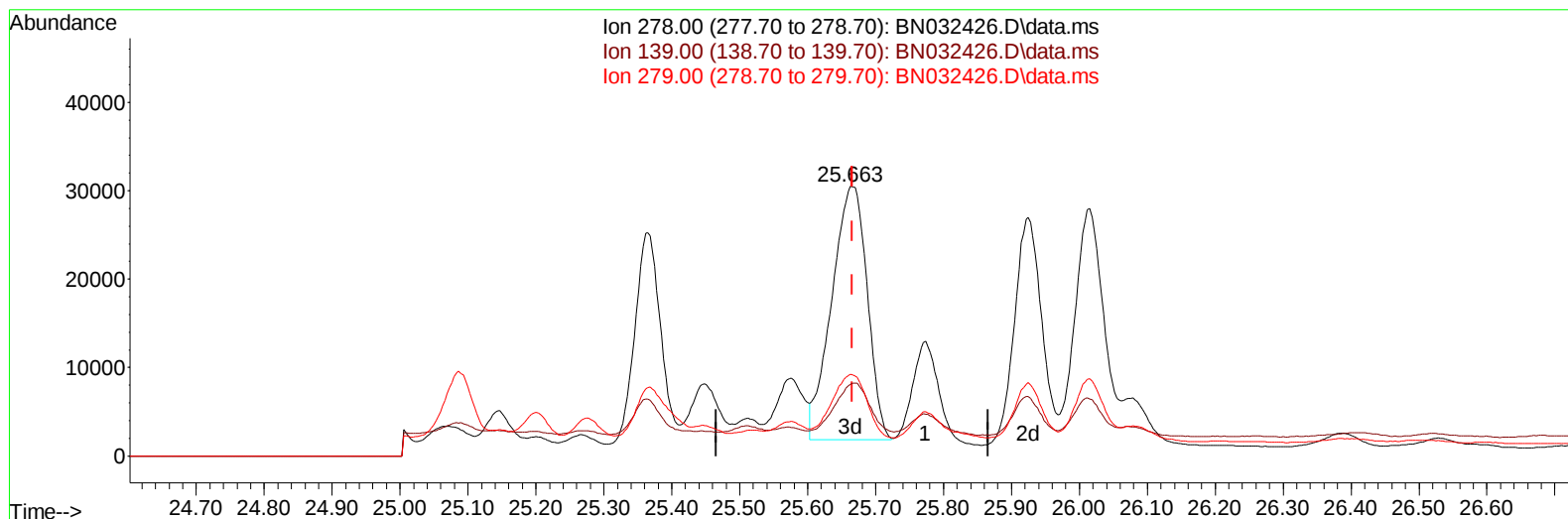
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

(28) Dibenzo(a,h)anthracene

25.663min (-0.003) 1.36 ng/u1 m

response 104022

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	26.60#
279.00	26.40	30.37
0.00	0.00	0.00

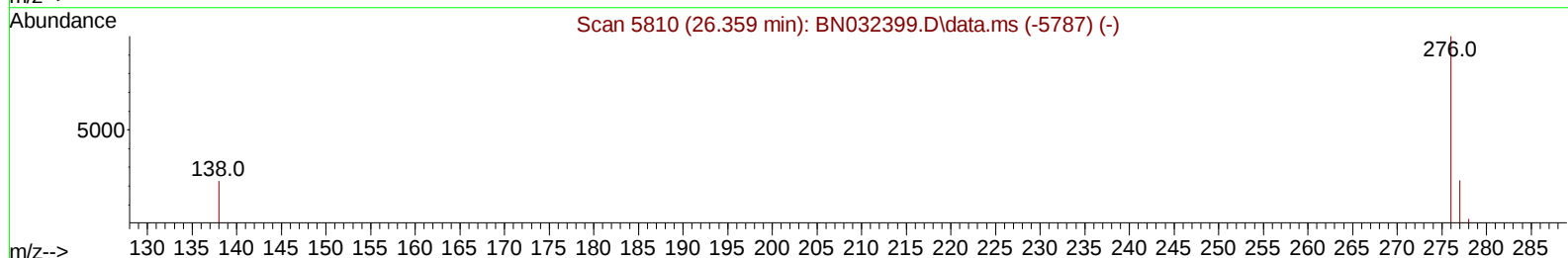
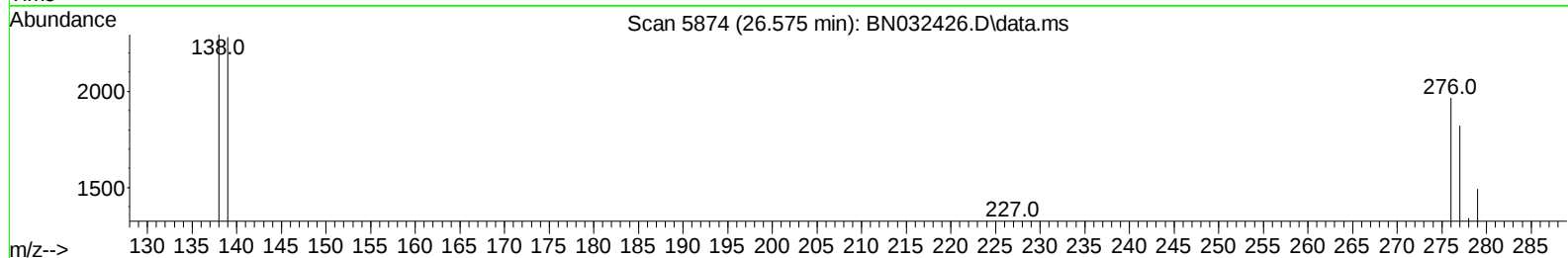
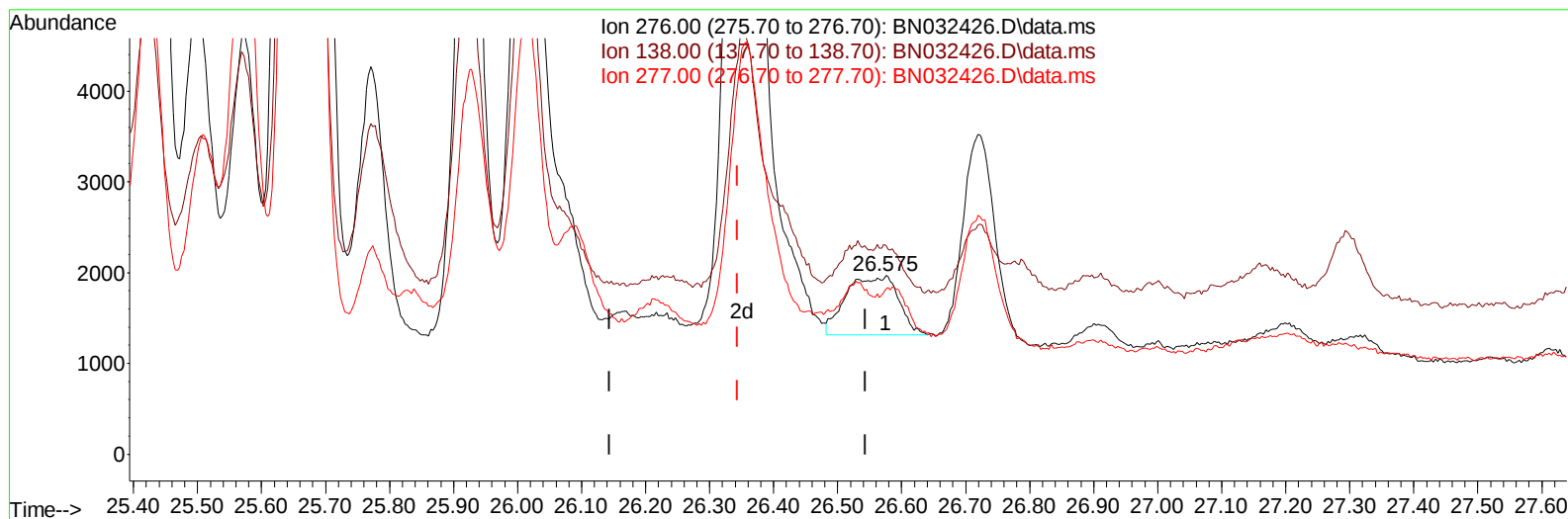
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

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



TIC: BN032426.D\data.ms

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

26.575min (+ 0.232) 0.05 ng/u1

response 3707

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	116.73#
277.00	24.70	92.57#
0.00	0.00	0.00

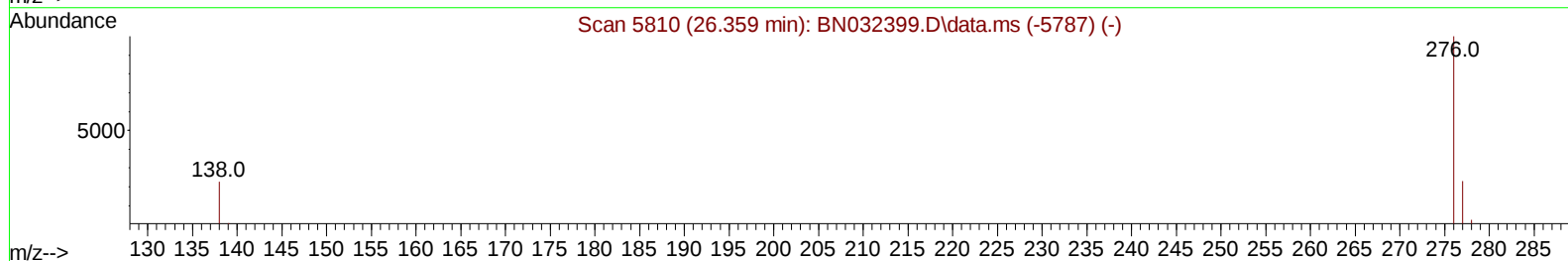
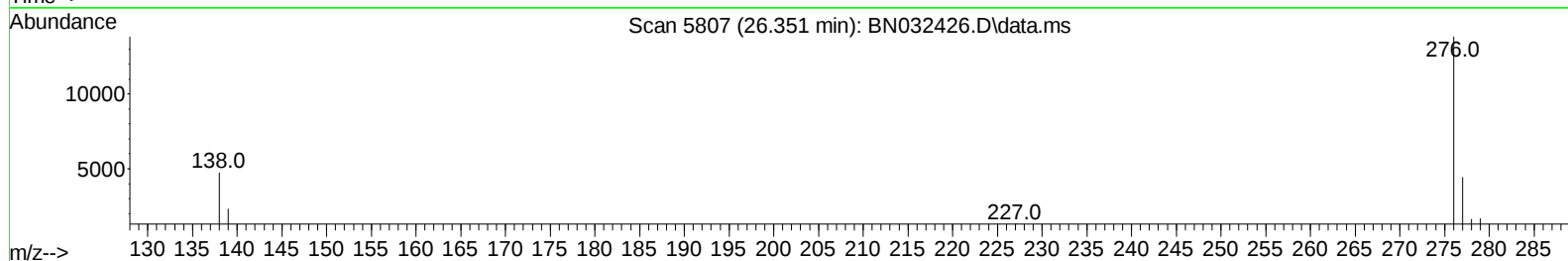
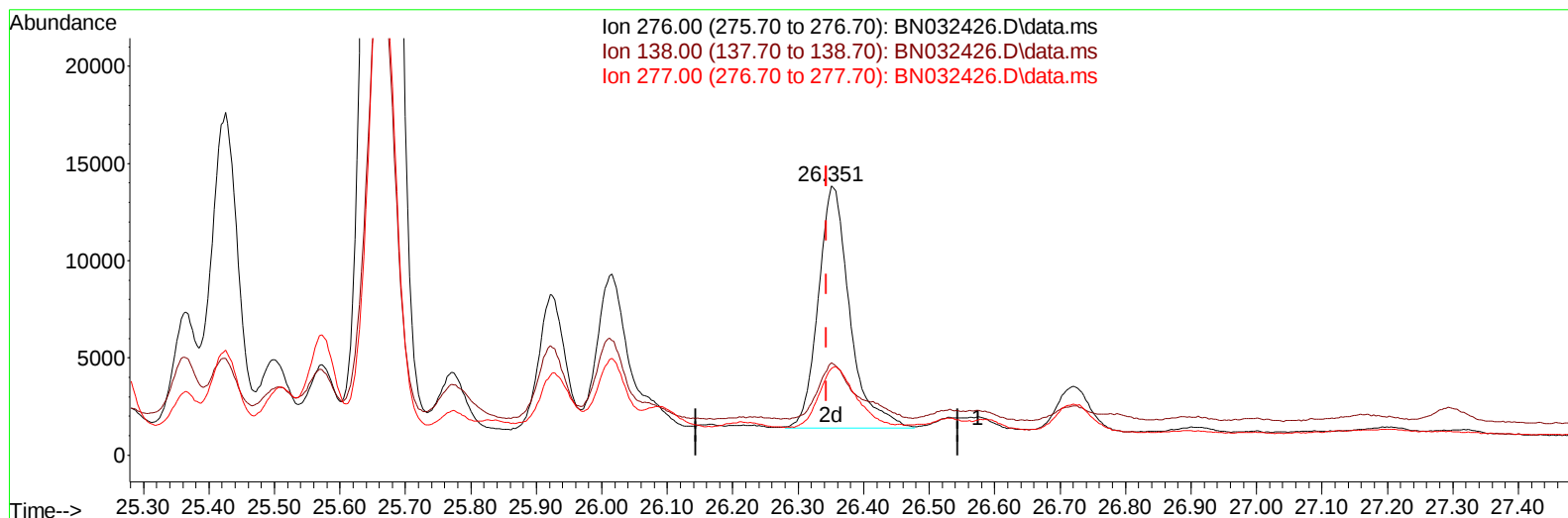
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 07:25:21 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: BN032426.D\data.ms

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

26.351min (+ 0.007) 0.51 ng/u1 m

response 41458

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	34.21#
277.00	24.70	32.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032426.D
 Acq On : 03 Jul 2024 06:58
 Operator : MA/JU
 Sample : P2963-16
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS7

Manual IntegrationsAPPROVED

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

Quant Time: Jul 03 07:25:21 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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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7817	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	25467	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	15708	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.008	188	31209m	0.400	ng/ul	0.00
17) Chrysene-d12	21.212	240	17425m	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	21710m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	27475	3.162	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	9101	0.238	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	15048m	0.287	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.426	128	32274	0.479	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	11516	0.258	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	8367	0.181	ng/ul	99
10) Acenaphthylene	13.971	152	44401	0.680	ng/ul	99
11) Acenaphthene	14.313	153	24666	0.486	ng/ul	99
12) Fluorene	15.308	166	31369	0.519	ng/ul	97
14) Pentachlorophenol	16.670	266	332m	0.047	ng/ul	
15) Phenanthrene	17.046	178	604578m	7.066	ng/ul	
16) Anthracene	17.139	178	113091m	1.482	ng/ul	
19) Fluoranthene	19.073	202	1140254m	17.185	ng/ul	
20) Pyrene	19.441	202	776781m	11.202	ng/ul	
21) Benzo(a)anthracene	21.194	228	465224m	7.397	ng/ul	
22) Chrysene	21.247	228	559612m	8.107	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	789850m	8.374	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	292326m	3.190	ng/ul	
26) Benzo(a)pyrene	23.333	252	277818m	4.233	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.663	276	286446m	2.788	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	104022m	1.362	ng/ul	
29) Benzo(g,h,i)perylene	26.351	276	41458m	0.507	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
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Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS7

Manual IntegrationsAPPROVED

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