

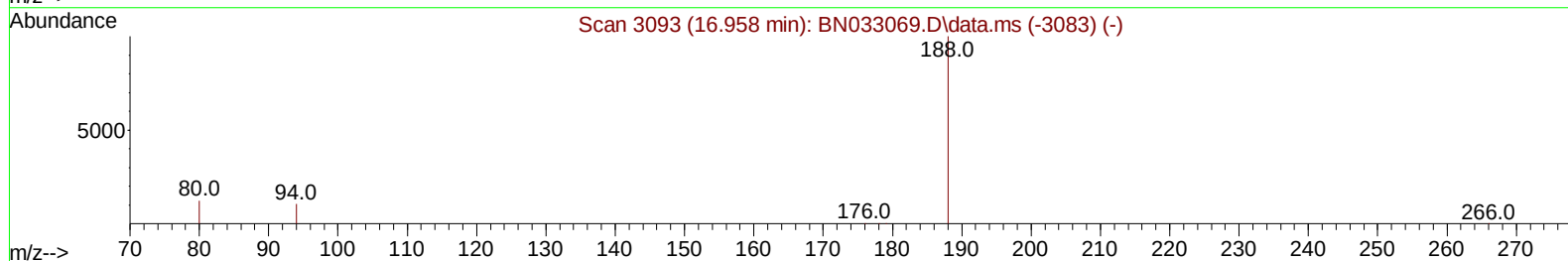
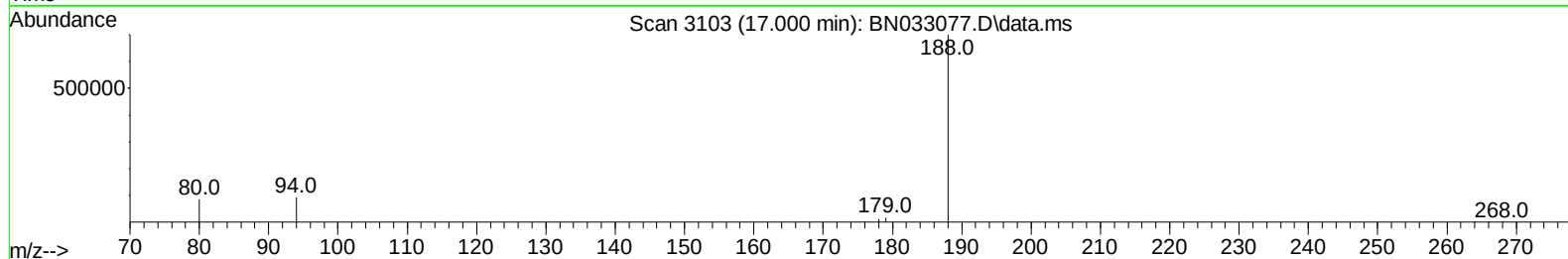
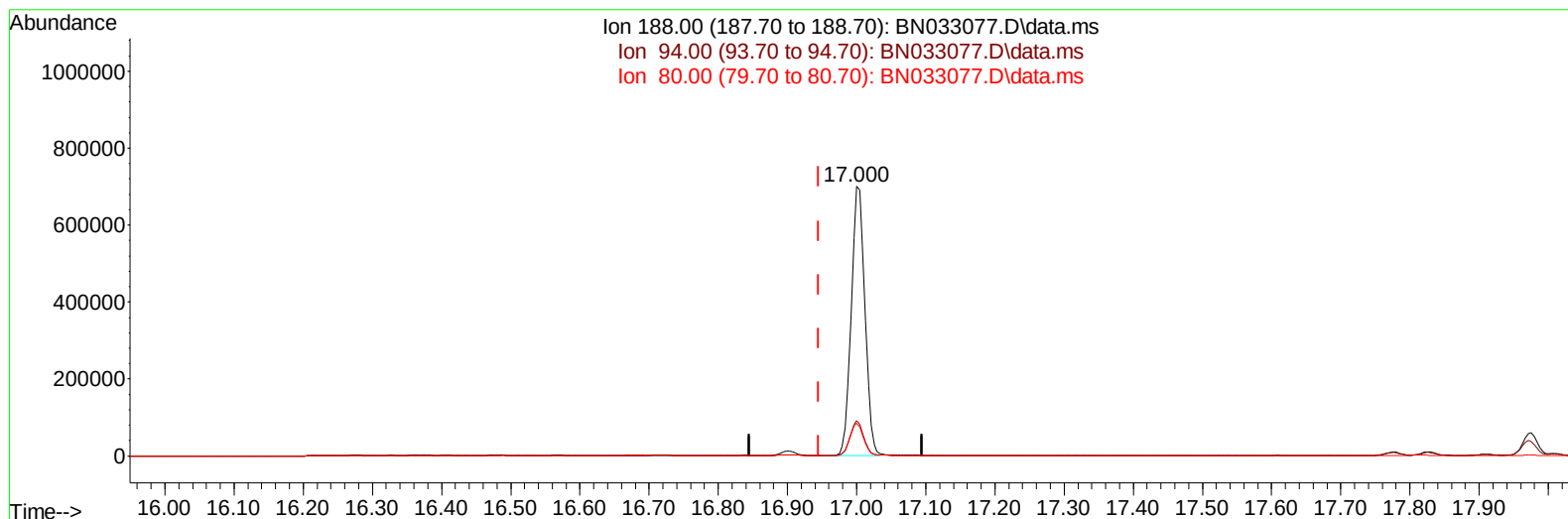
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(13) Phenanthrene-d10 (I)

17.000min (+ 0.055) 0.40 ng/u1

response 958638

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	13.20
80.00	13.10	12.25
0.00	0.00	0.00

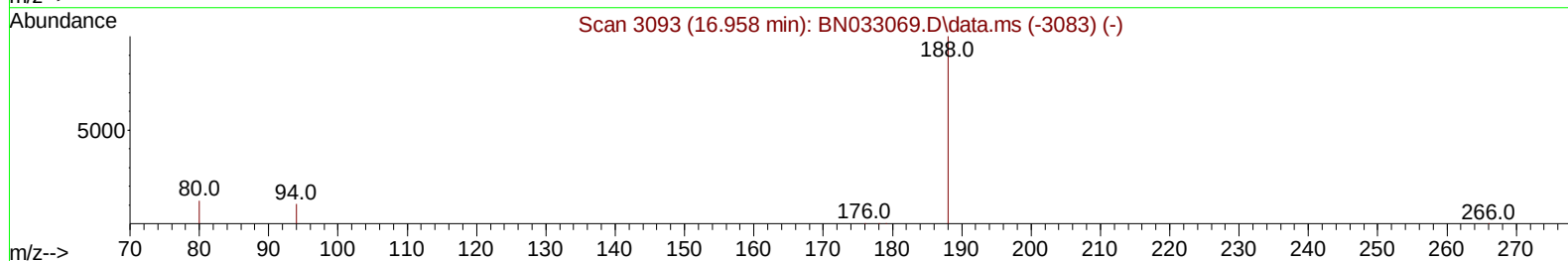
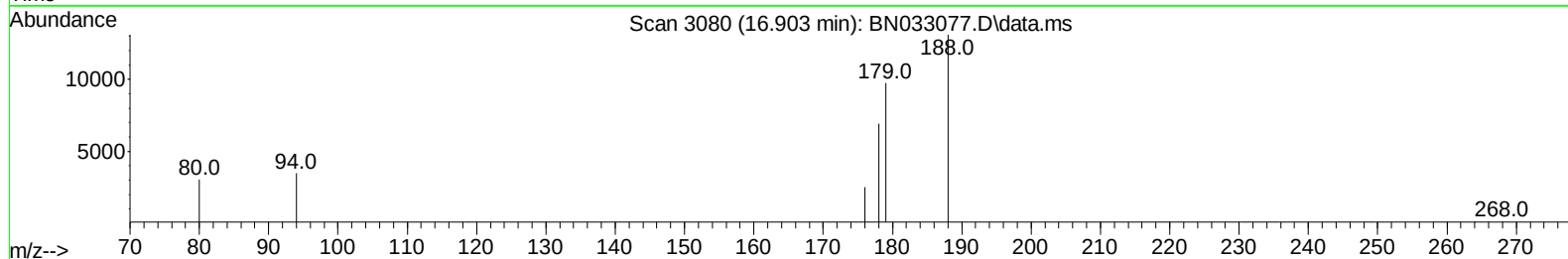
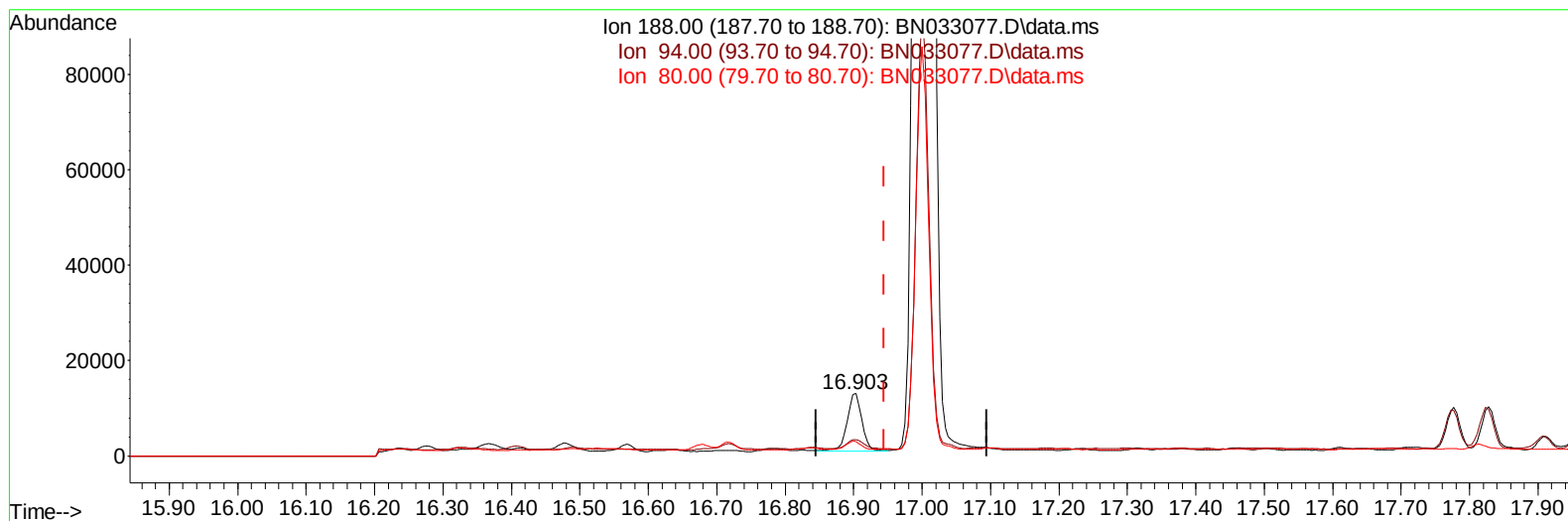
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(13) Phenanthrene-d10 (I)

16.903min (-0.042) 0.40 ng/ul m

response 18029

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	26.53#
80.00	13.10	23.26#
0.00	0.00	0.00

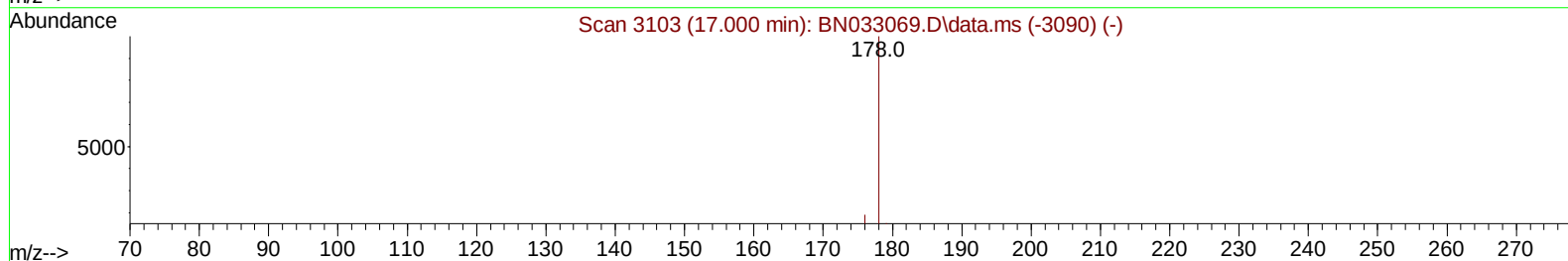
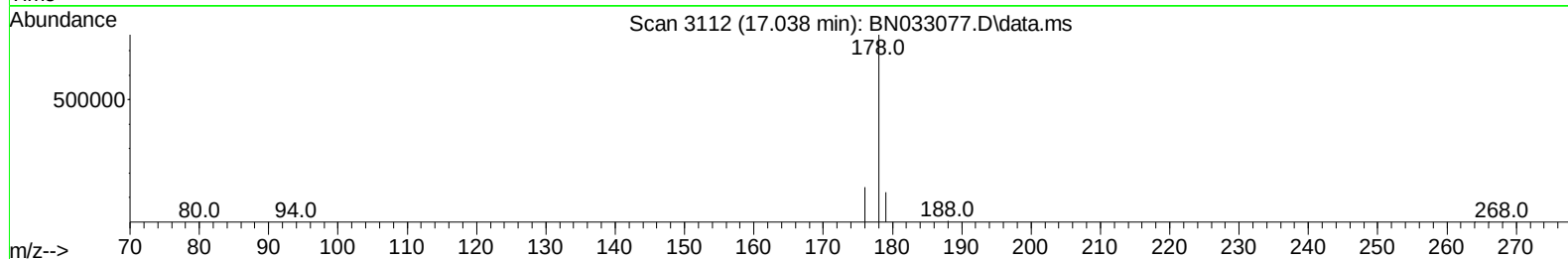
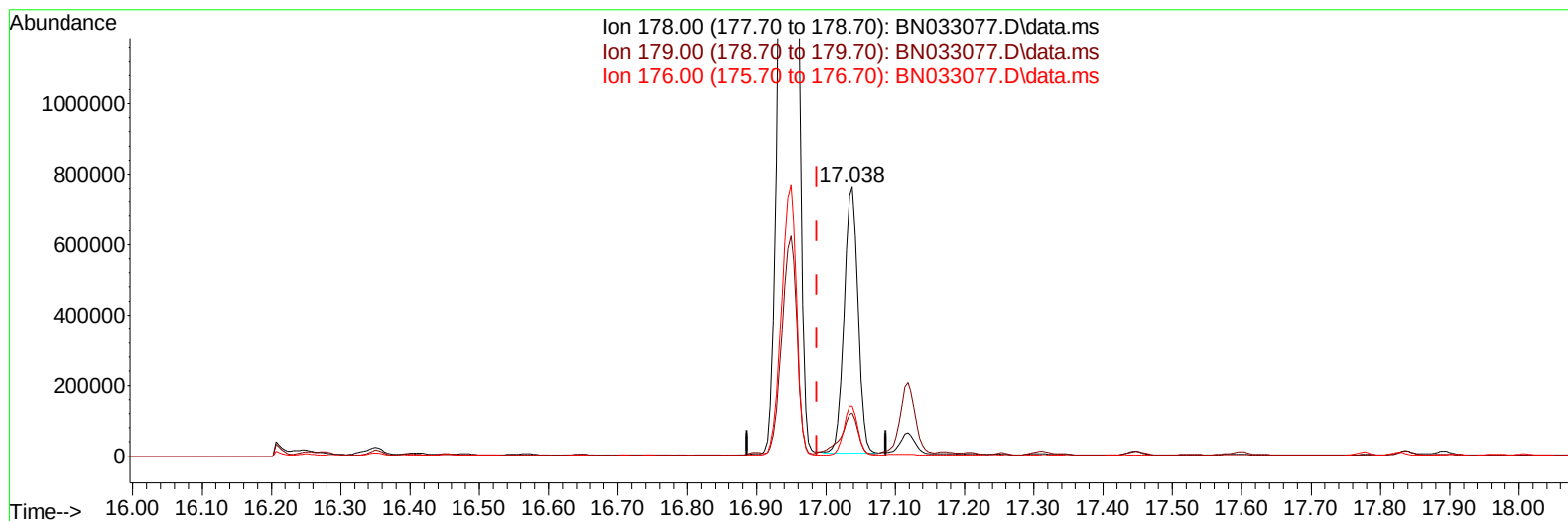
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(15) Phenanthrene

17.038min (+ 0.051) 21.61 ng/ul

response 1045204

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	15.89
176.00	19.90	18.50
0.00	0.00	0.00

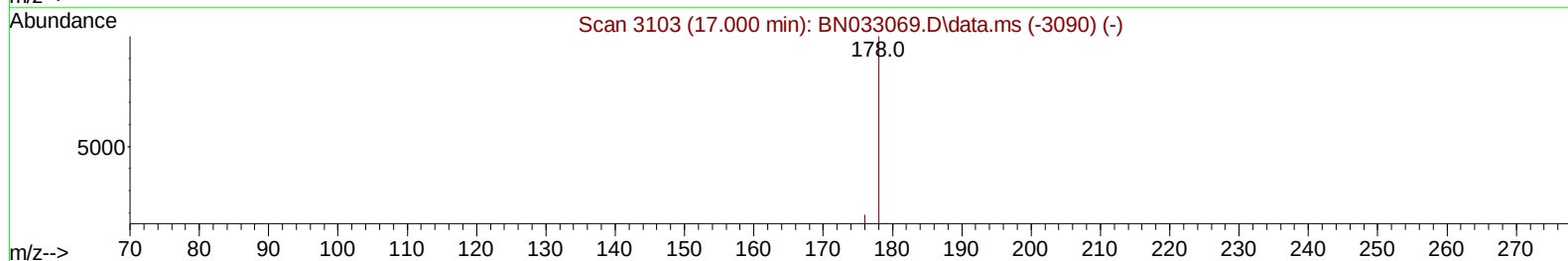
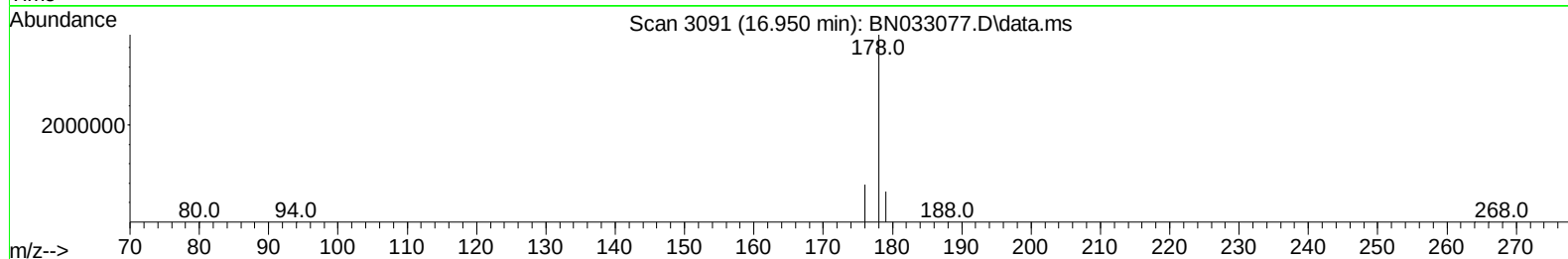
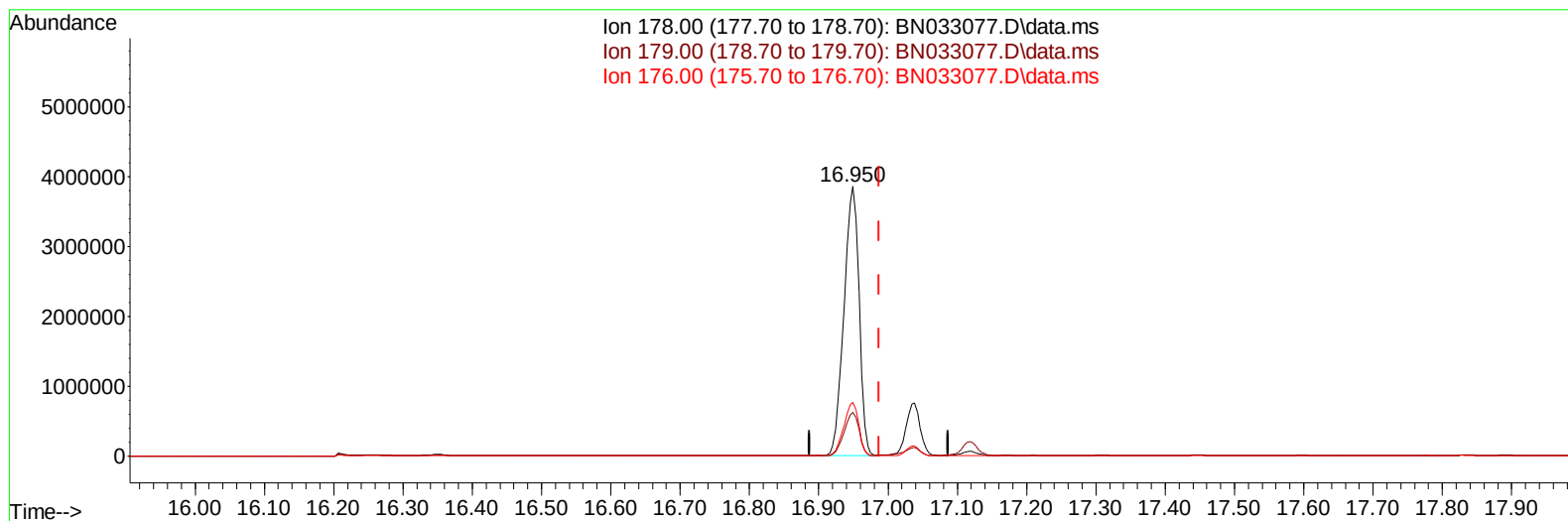
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(15) Phenanthrene

16.950min (-0.038) 120.68 ng/ul m

response 5835886

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	16.16
176.00	19.90	19.96
0.00	0.00	0.00

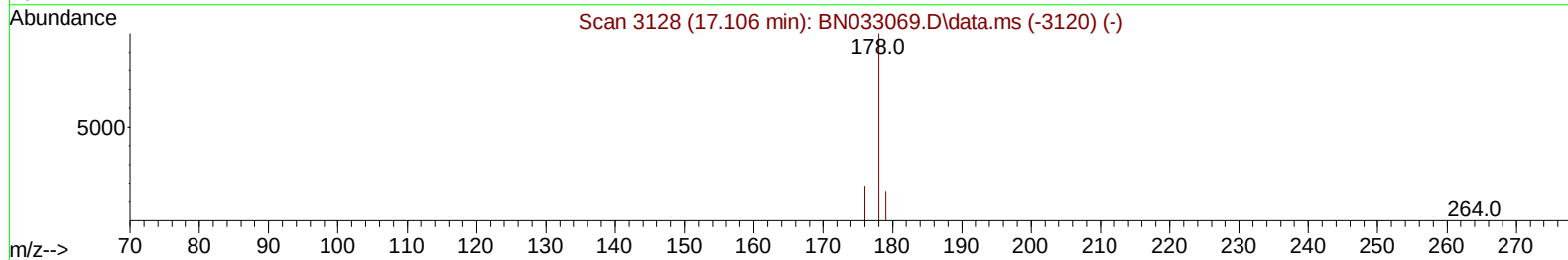
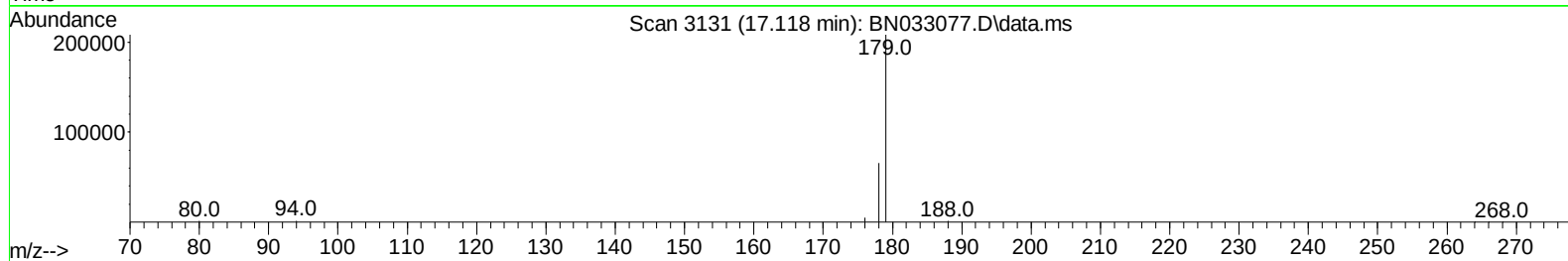
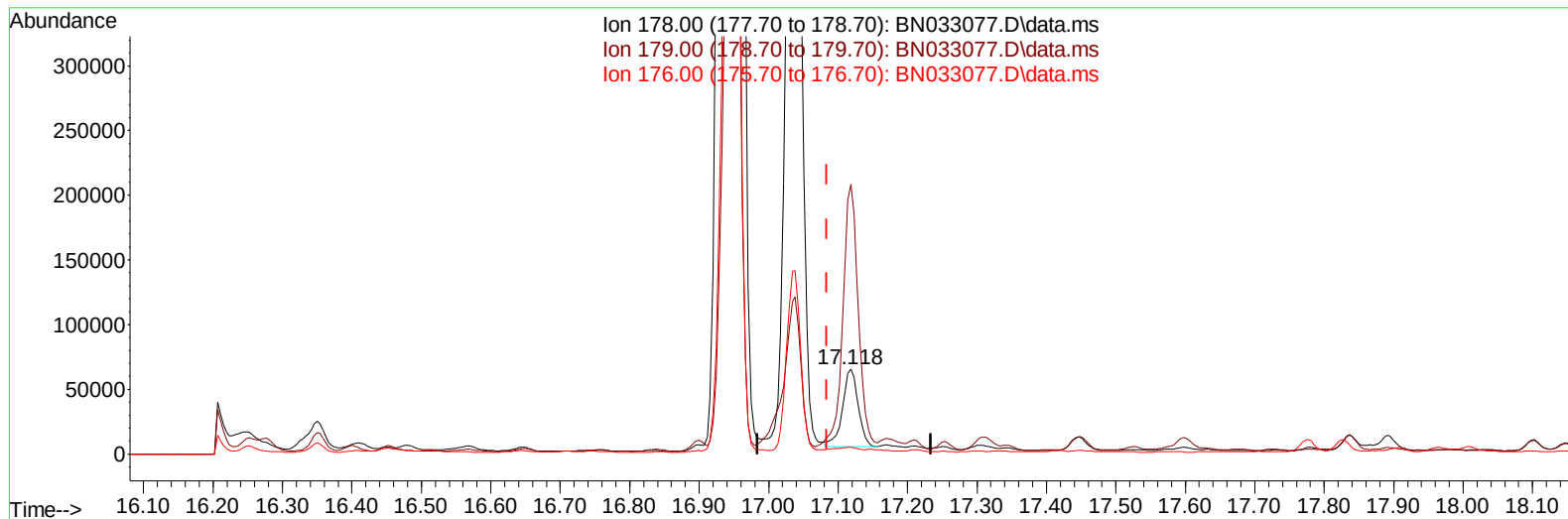
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(16) Anthracene

17.118min (+ 0.034) 2.15 ng/u1

response 93360

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	316.60#
176.00	19.80	8.08#
0.00	0.00	0.00

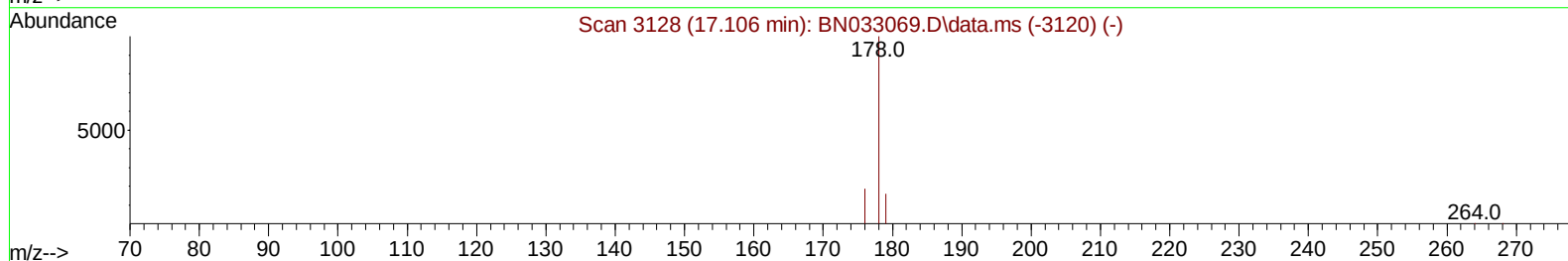
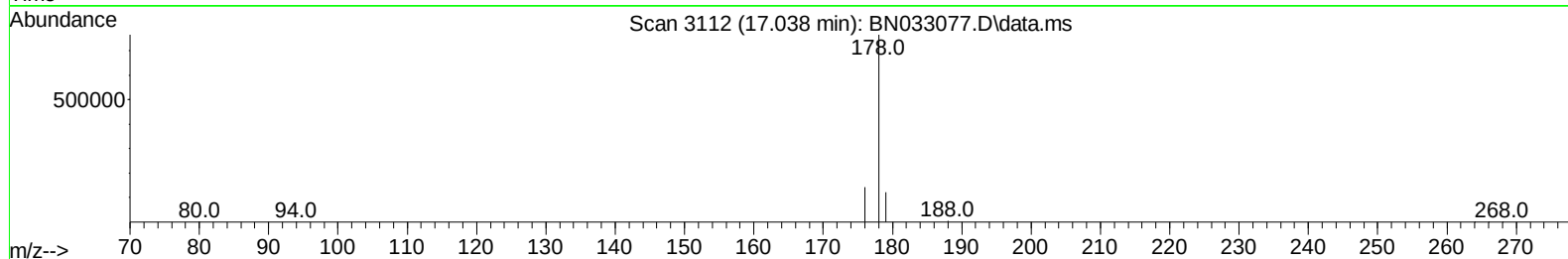
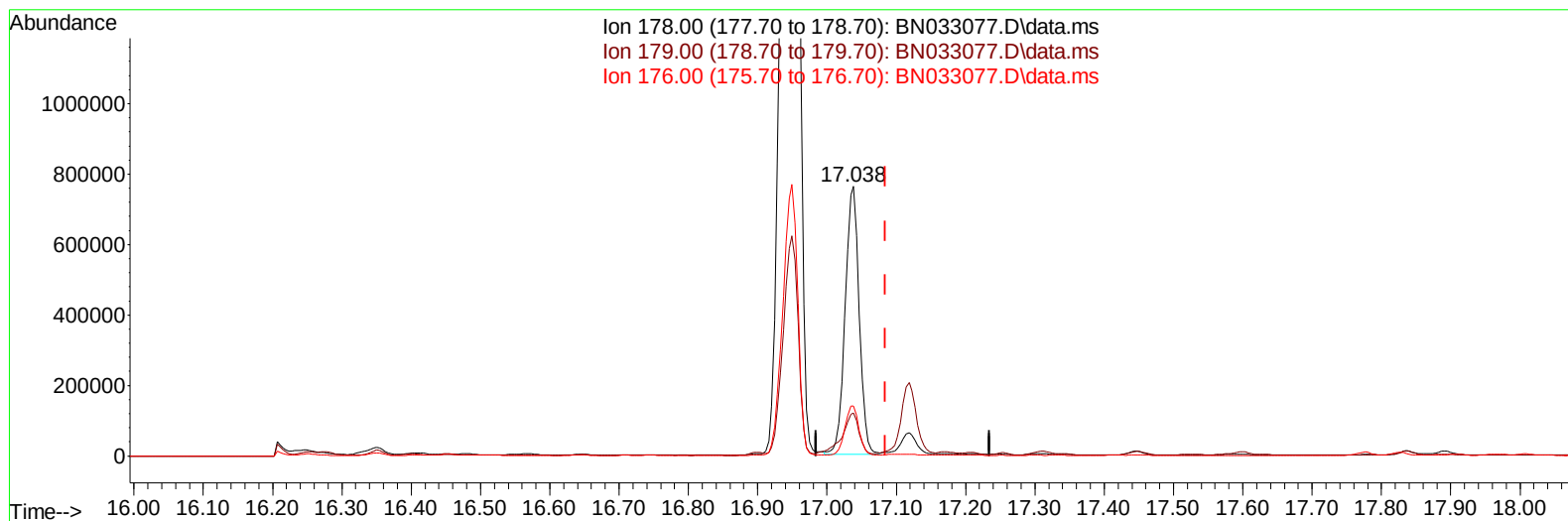
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(16) Anthracene

17.038min (-0.046) 24.55 ng/ul m

response 1067488

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	15.89
176.00	19.80	18.50
0.00	0.00	0.00

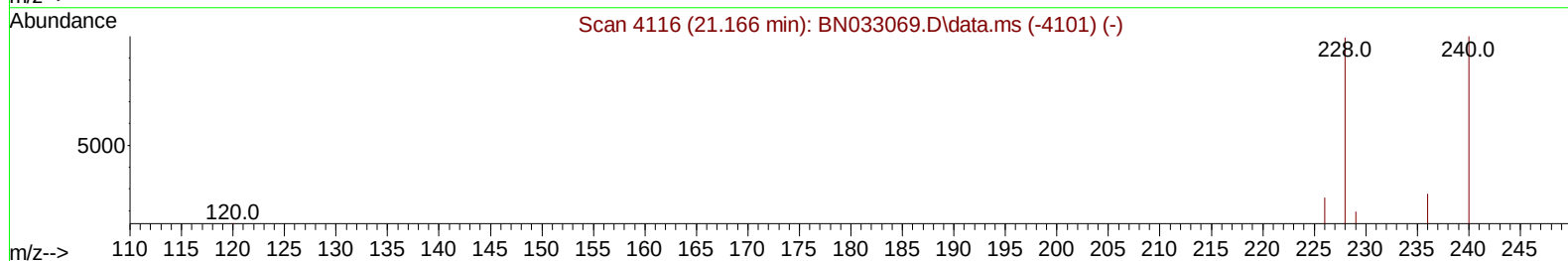
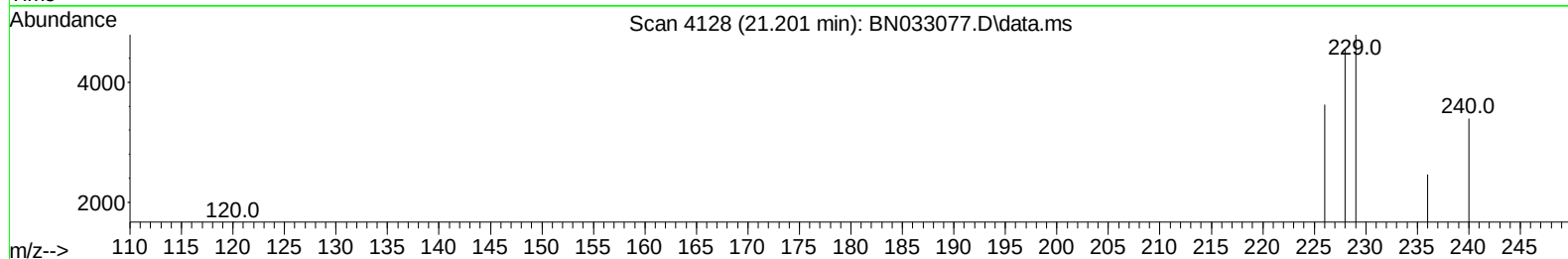
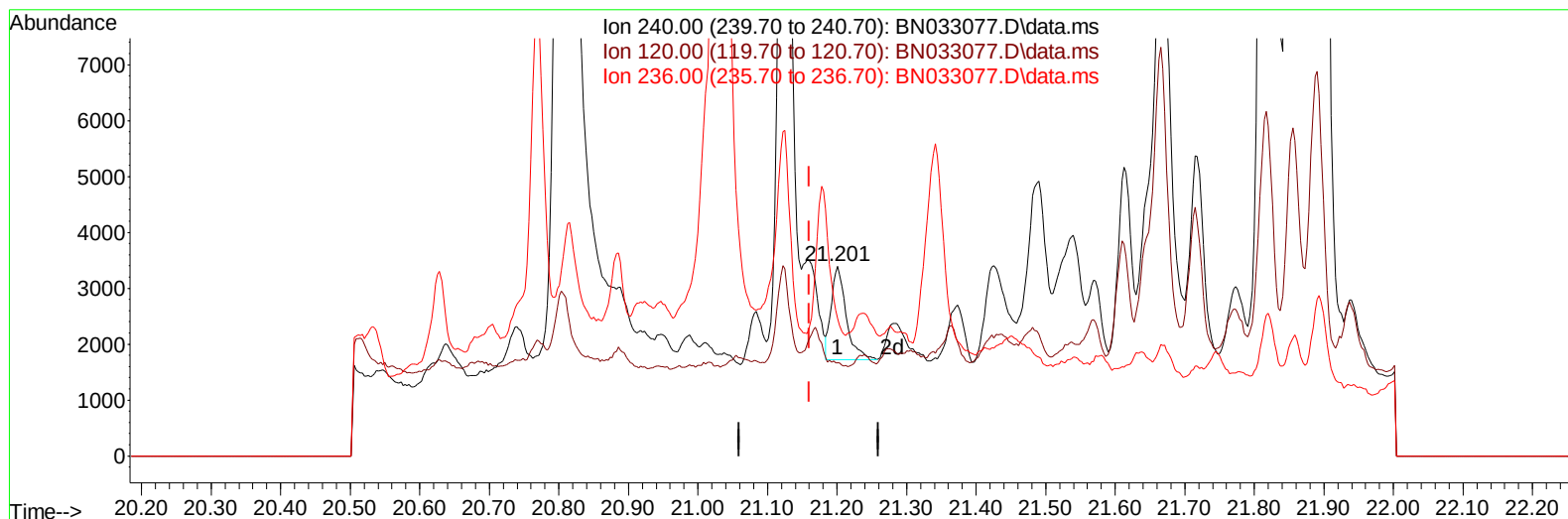
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(17) Chrysene-d12

21.201min (+ 0.041) 0.40 ng/u1

response 2482

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	49.19#
236.00	29.50	72.48#
0.00	0.00	0.00

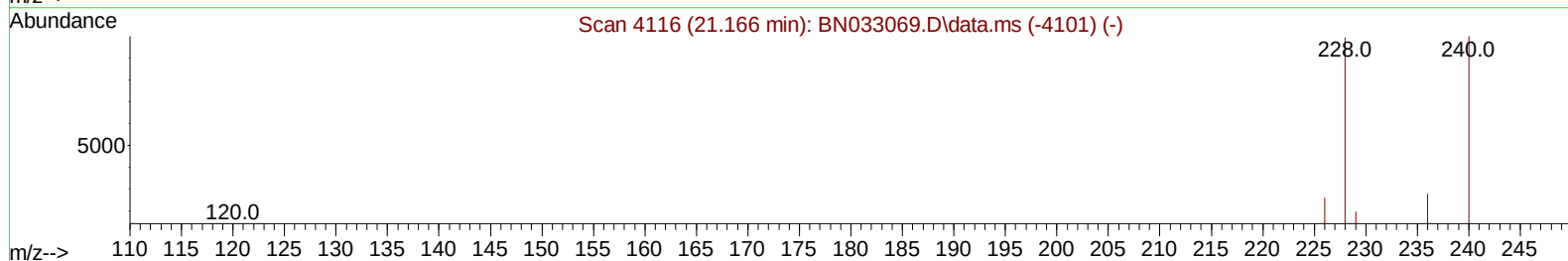
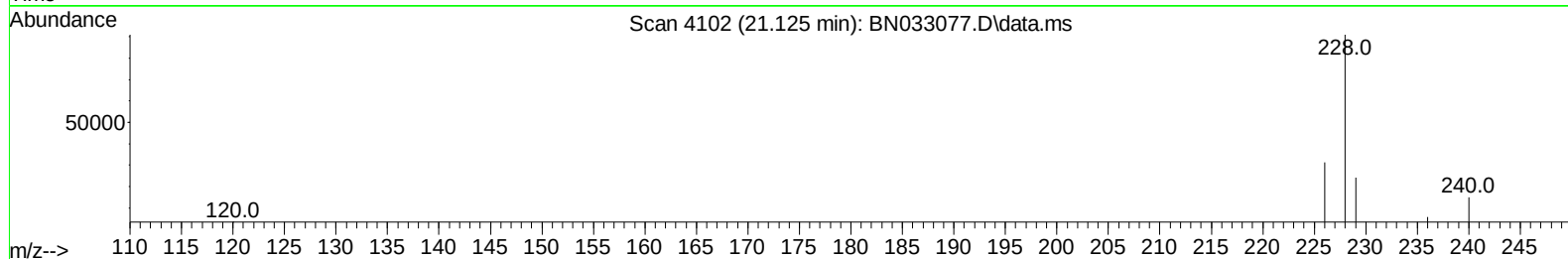
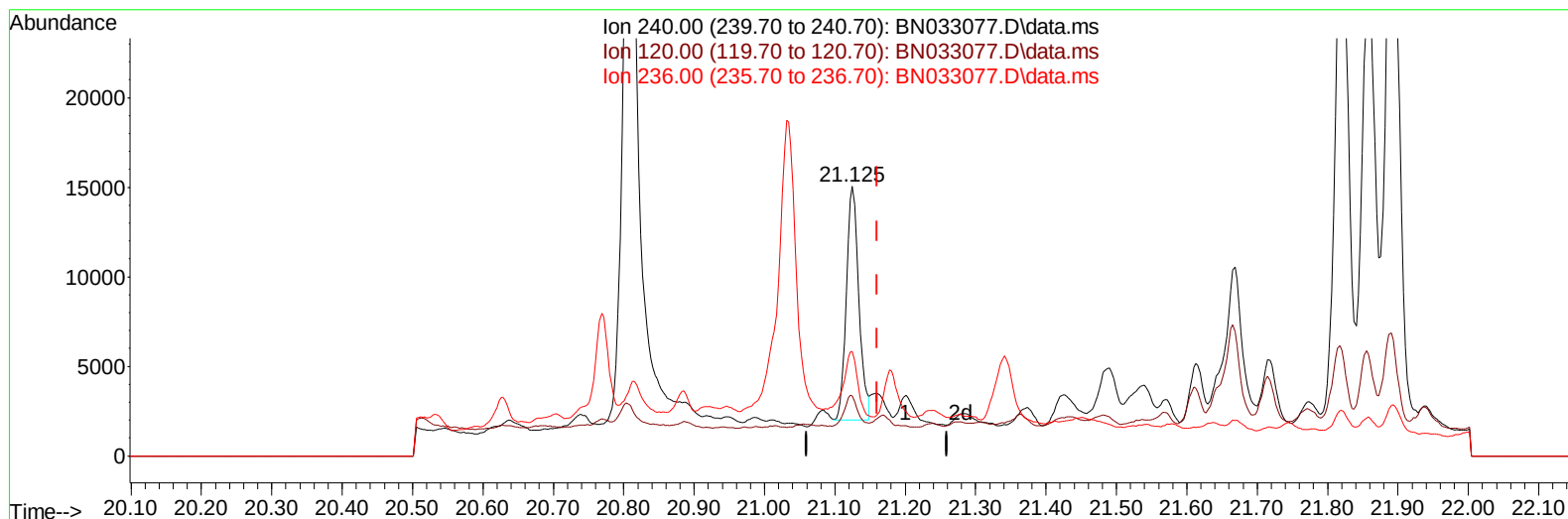
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(17) Chrysene-d12

21.125min (-0.035) 0.40 ng/ul m

response 16223

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	22.23
236.00	29.50	38.69#
0.00	0.00	0.00

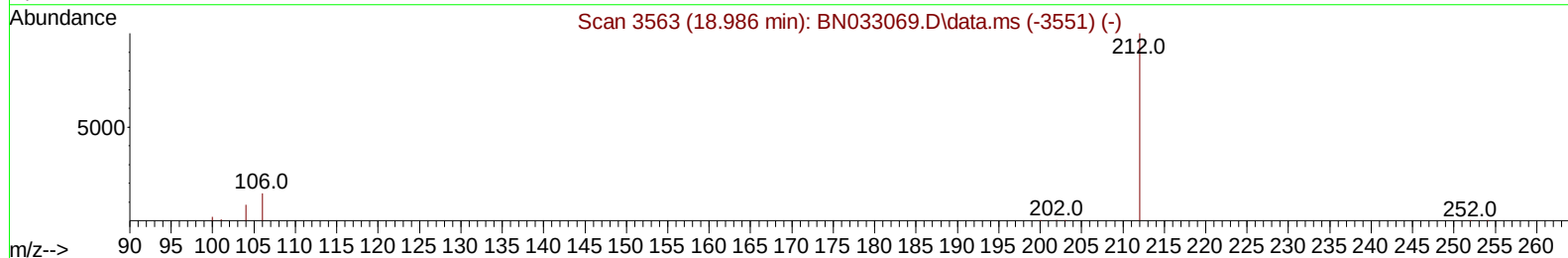
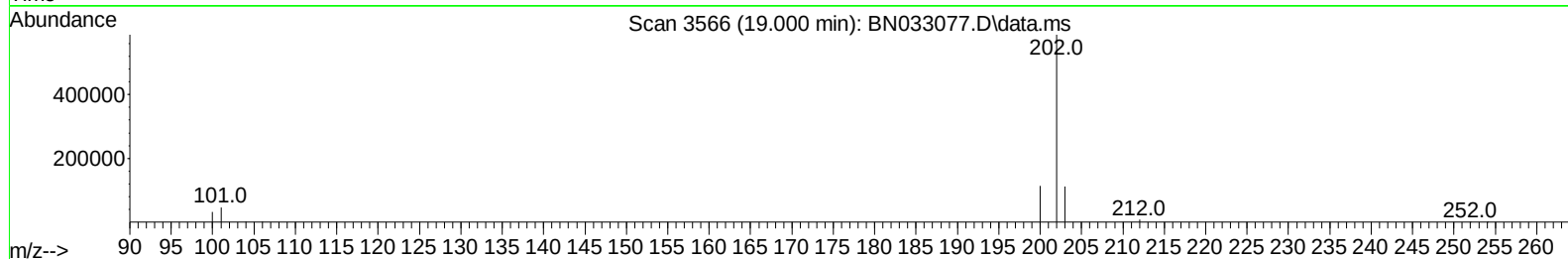
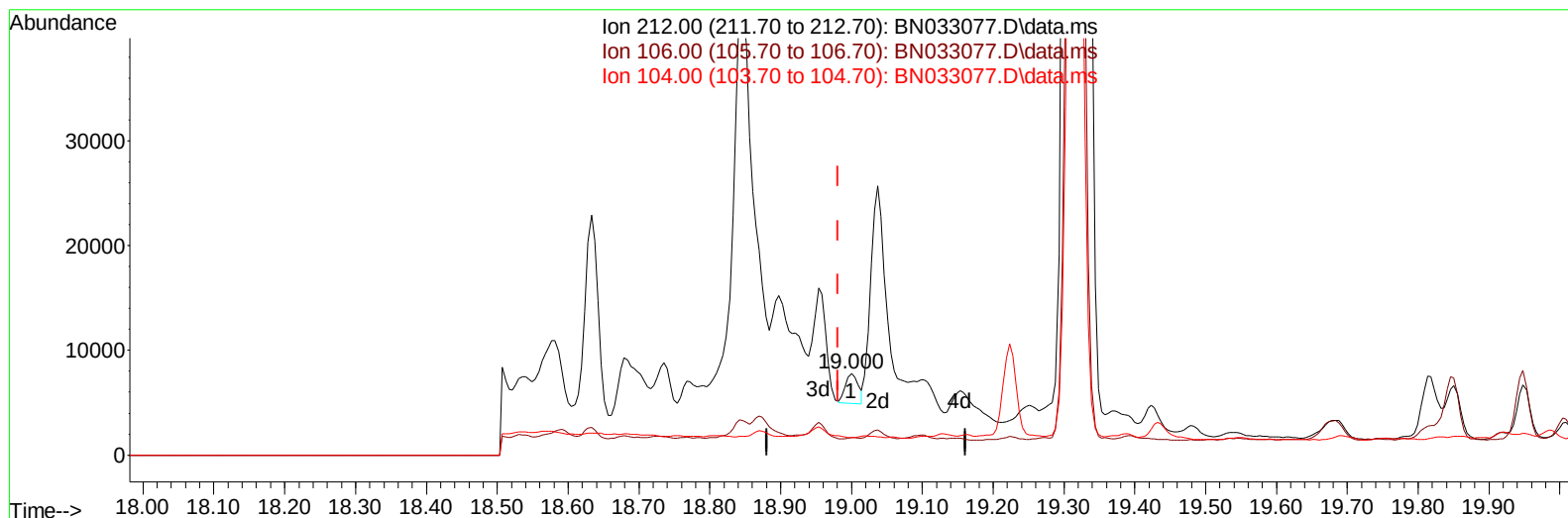
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
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TIC: BN033077.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.000min (+ 0.019) 0.08 ng/u1

response 3594

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	5.40#
104.00	9.00	7.10#
0.00	0.00	0.00

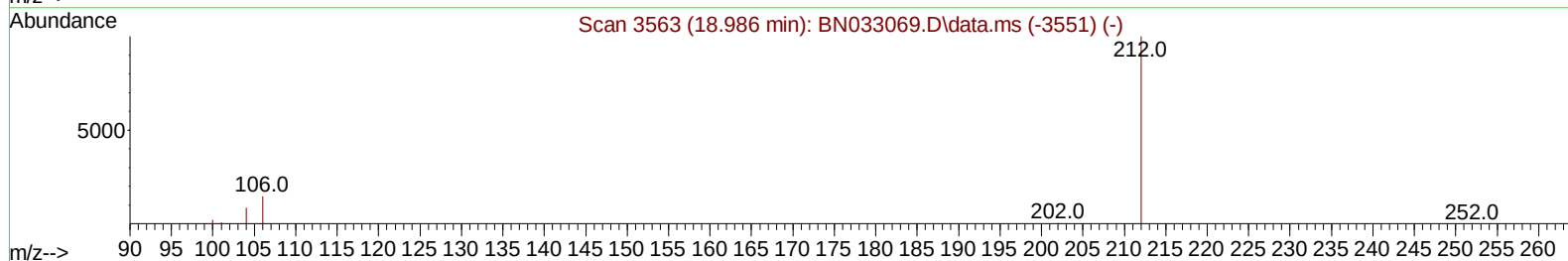
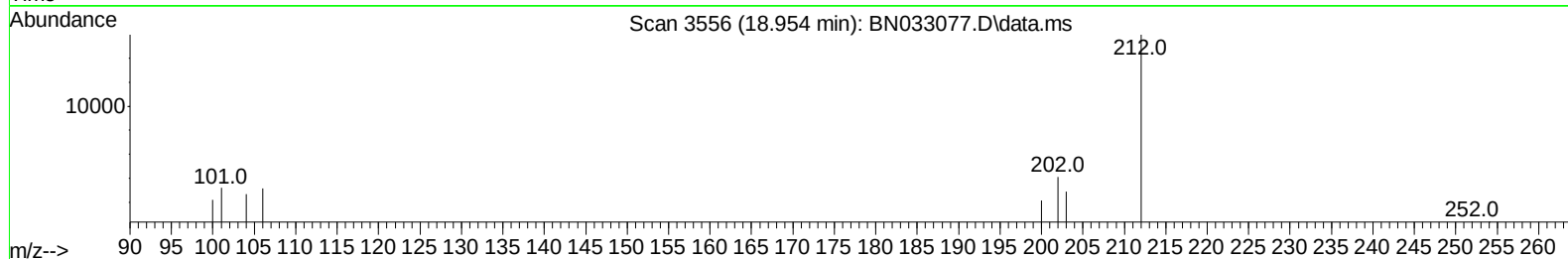
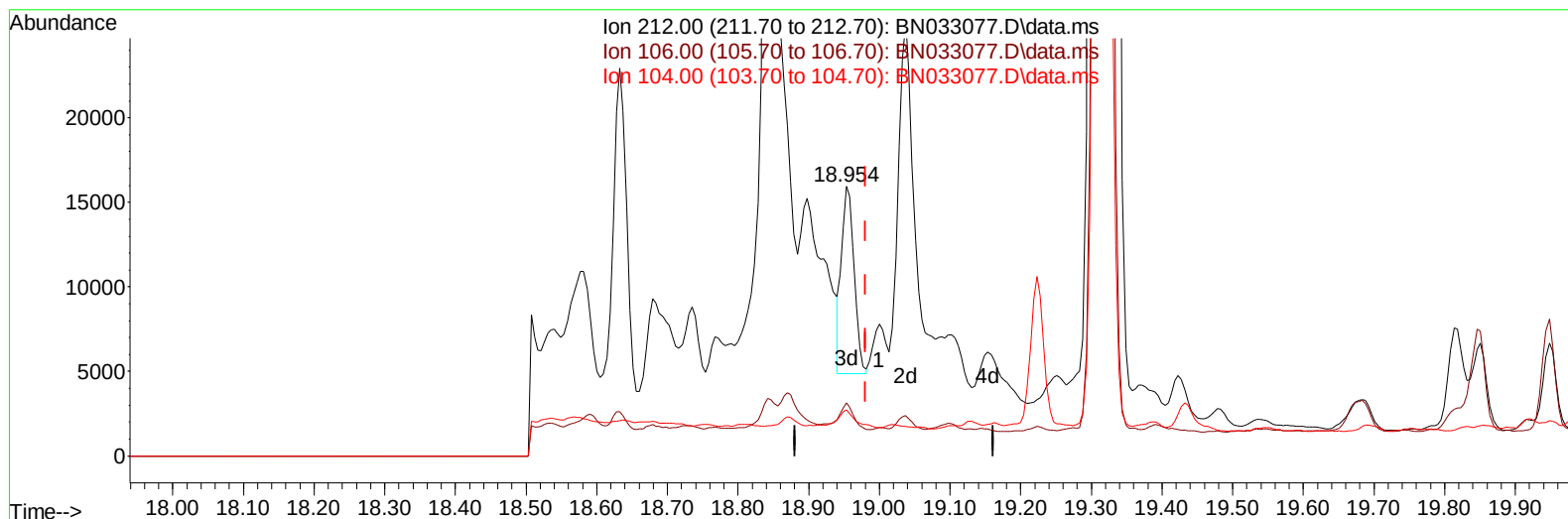
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.954min (-0.028) 0.30 ng/ul m

response 13880

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	1.40#
104.00	9.00	1.84#
0.00	0.00	0.00

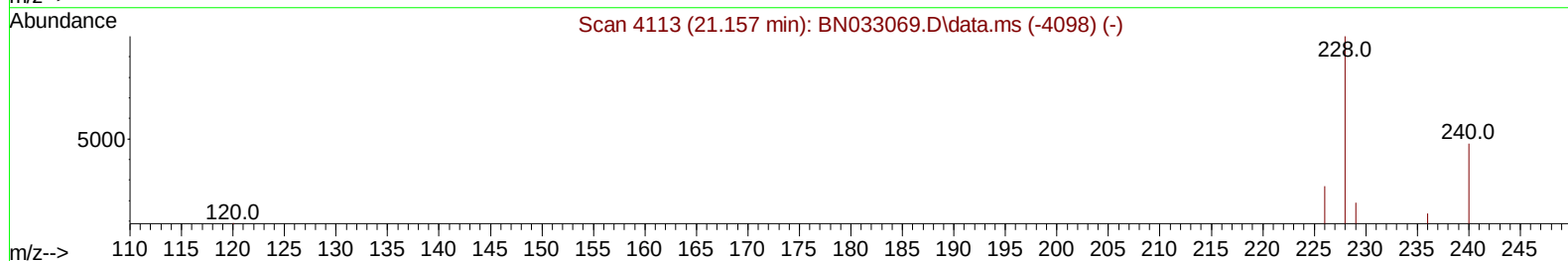
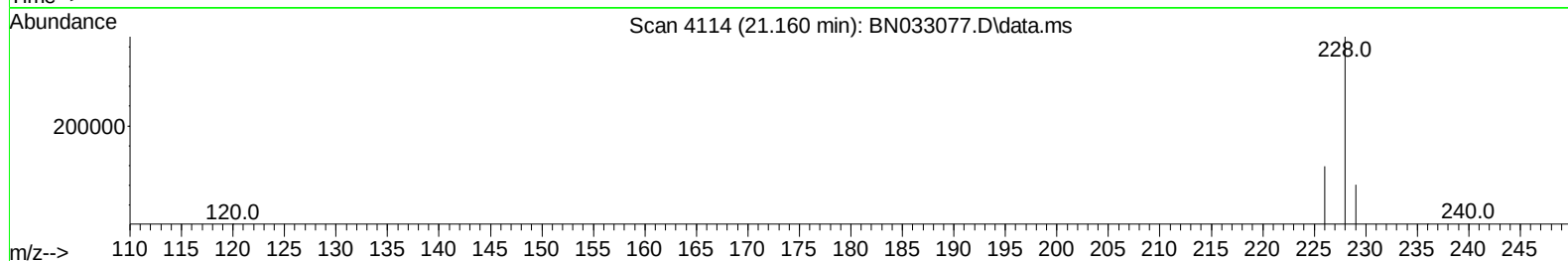
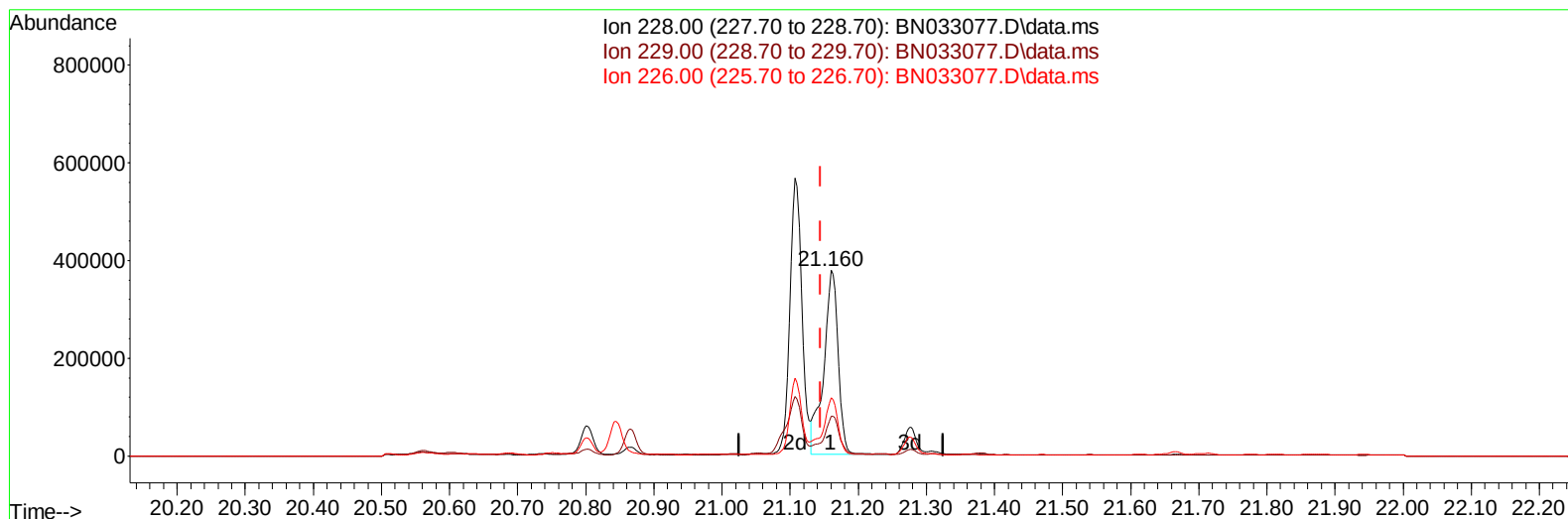
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
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Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(21) Benzo(a)anthracene

21.160min (+ 0.015) 10.02 ng/ul

response 554728

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	21.50
226.00	28.00	31.28
0.00	0.00	0.00

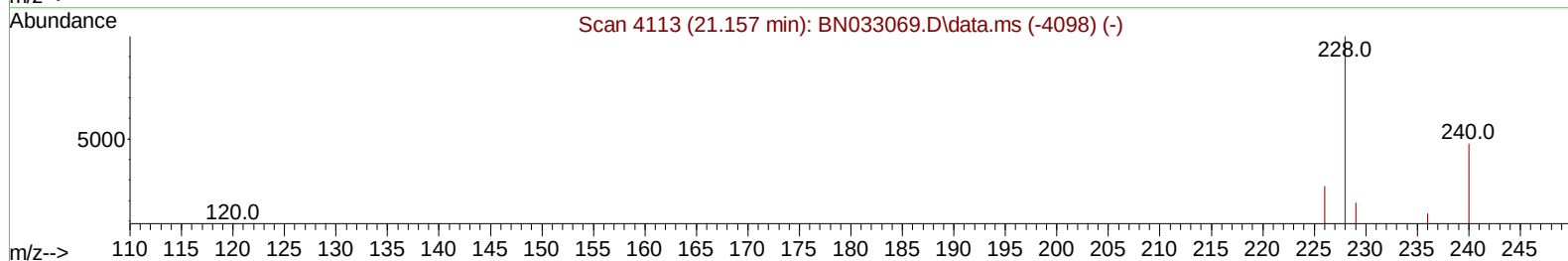
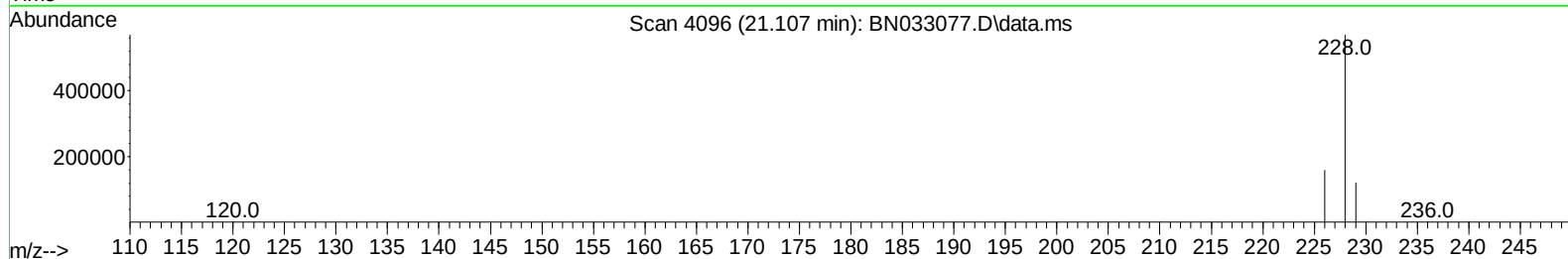
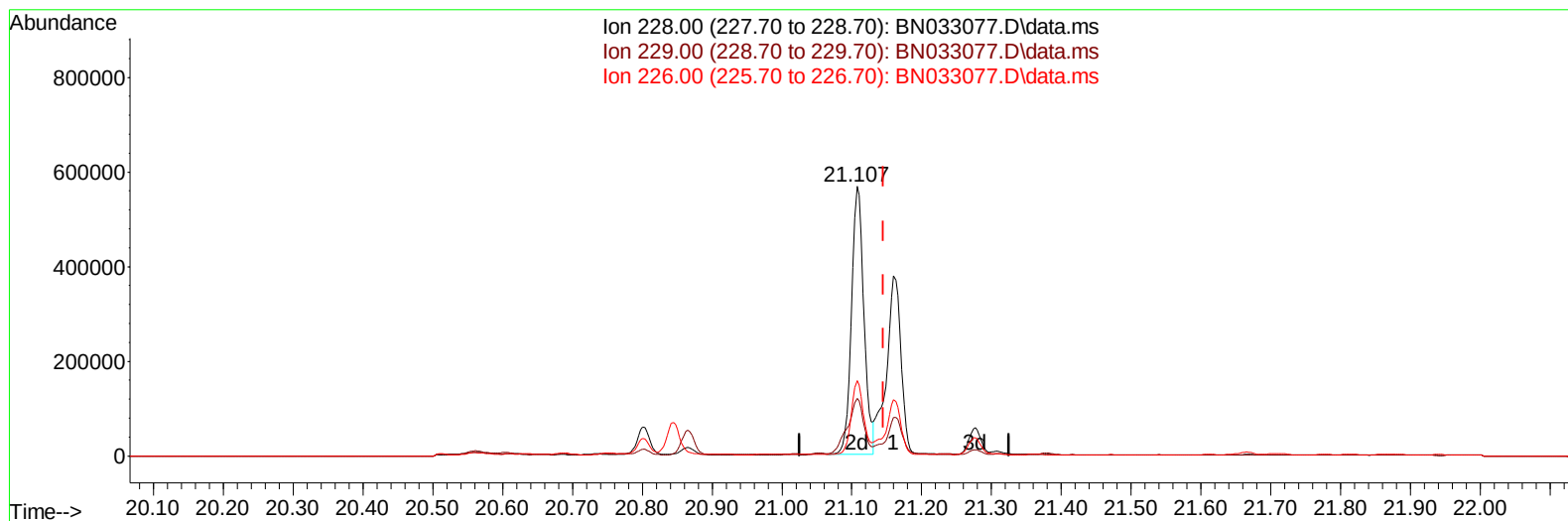
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN033077.D\data.ms

(21) Benzo(a)anthracene

21.107min (-0.038) 12.61 ng/ul m

response 697924

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	21.28
226.00	28.00	28.07
0.00	0.00	0.00

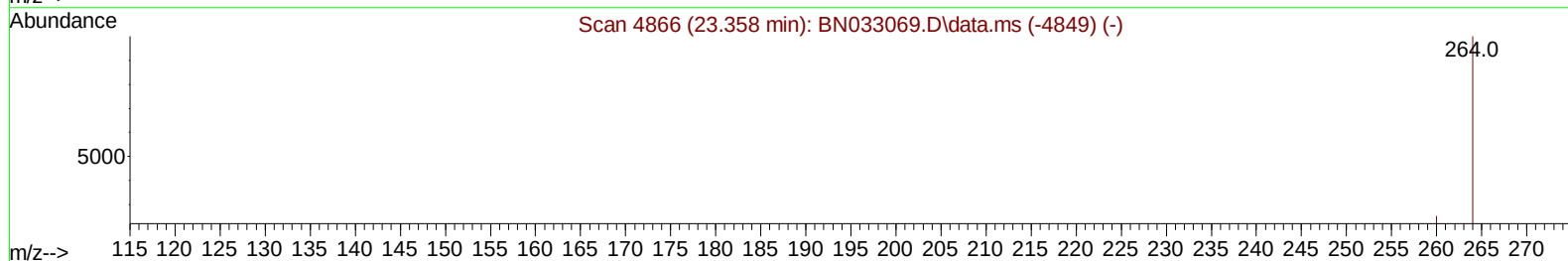
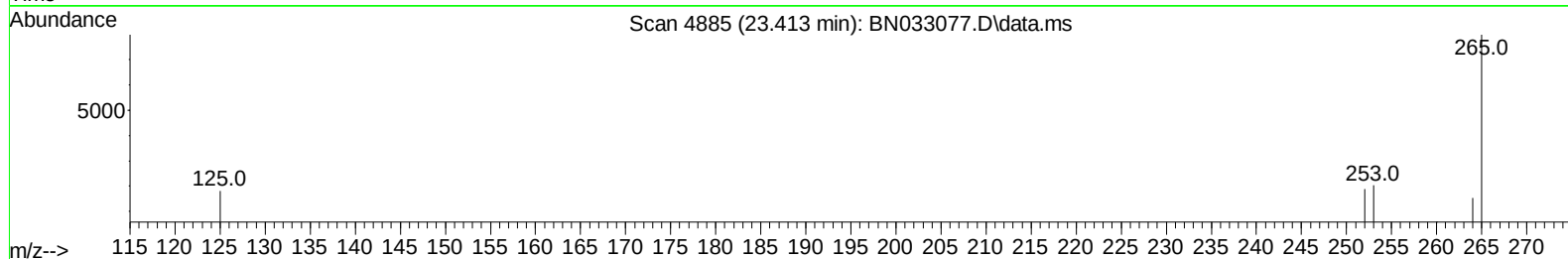
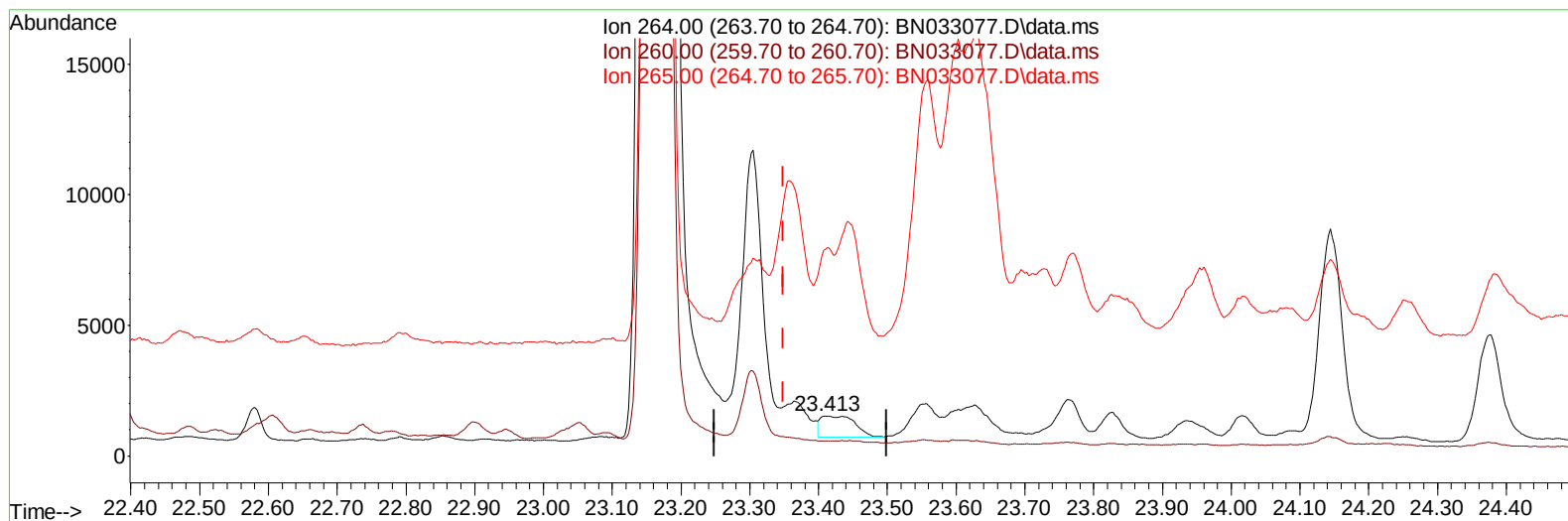
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
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Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(23) Perylene-d12 (I)

23.413min (+ 0.064) 0.40 ng/ul

response 2753

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	37.91#
265.00	80.60	521.83#
0.00	0.00	0.00

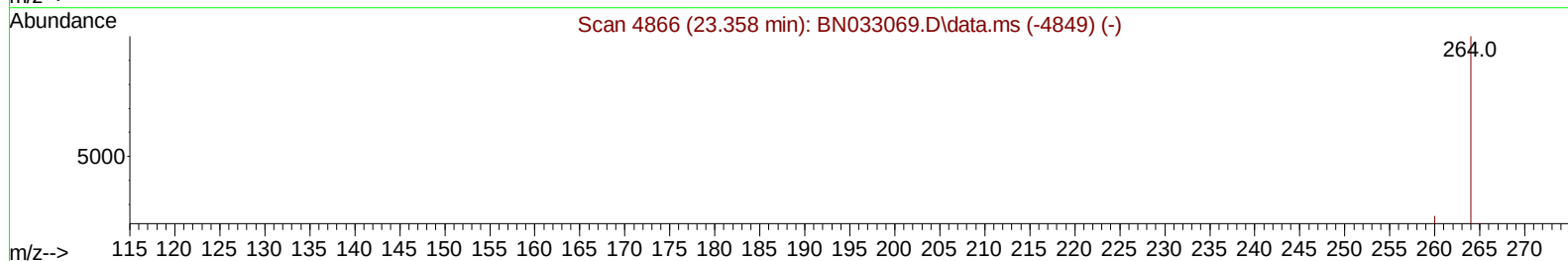
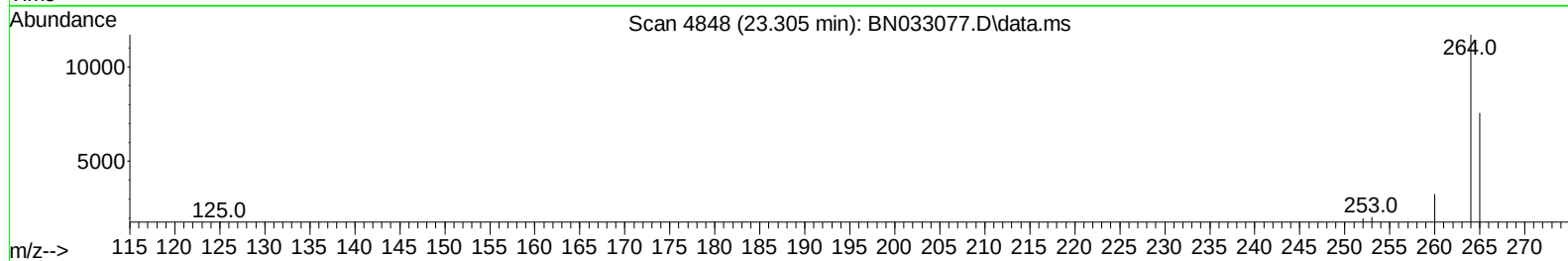
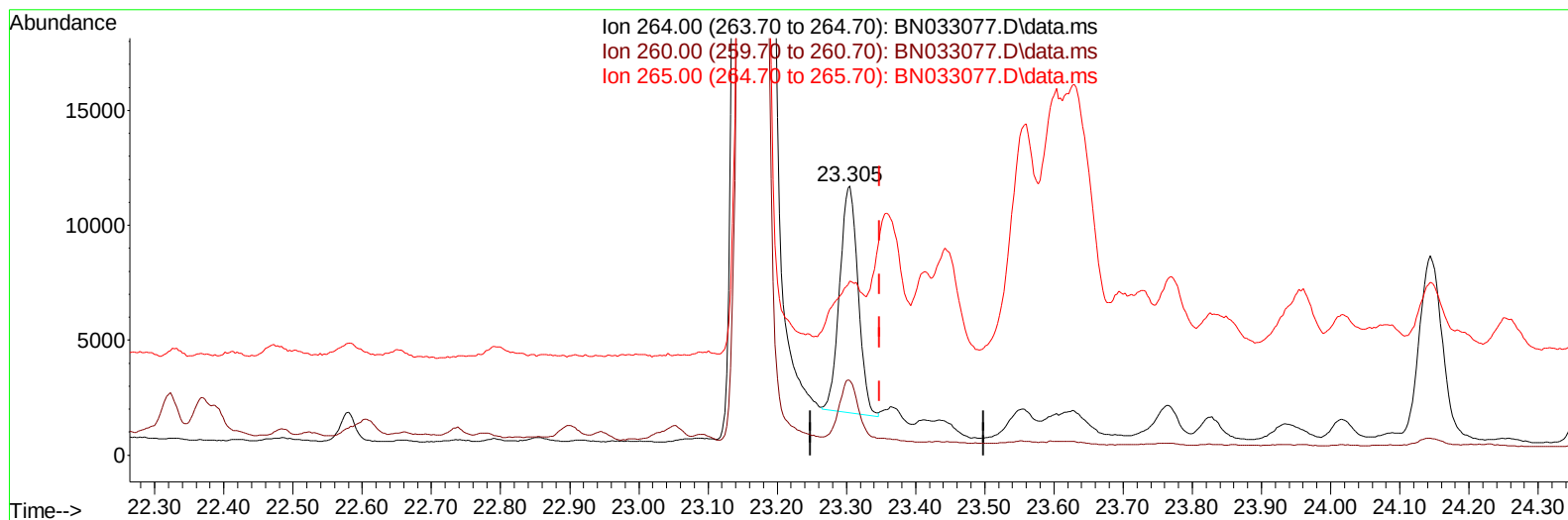
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(23) Perylene-d12 (I)

23.305min (-0.044) 0.40 ng/ul m

response 18187

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	27.83
265.00	80.60	64.80
0.00	0.00	0.00

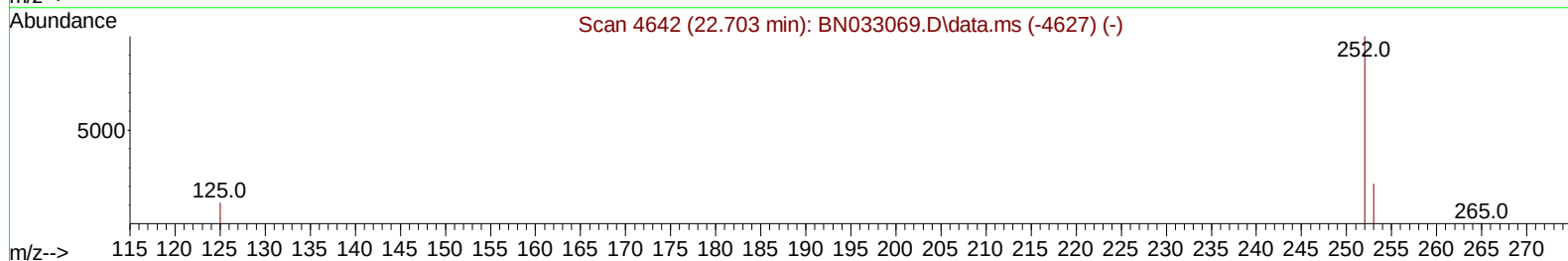
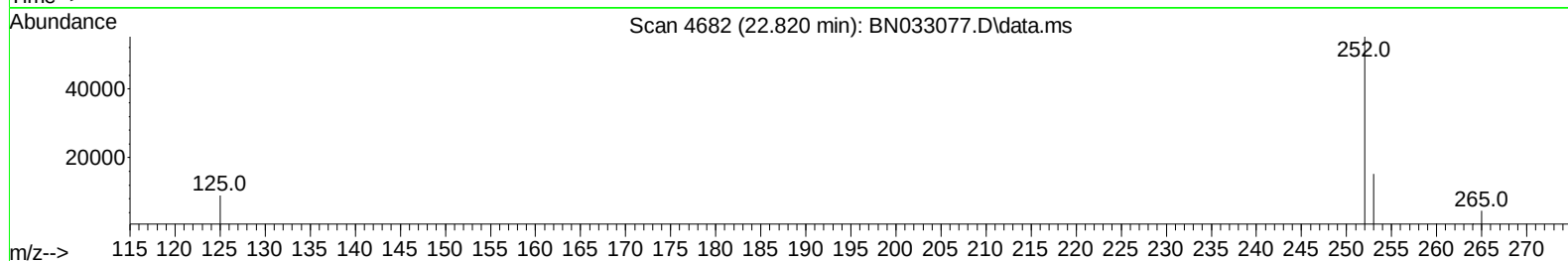
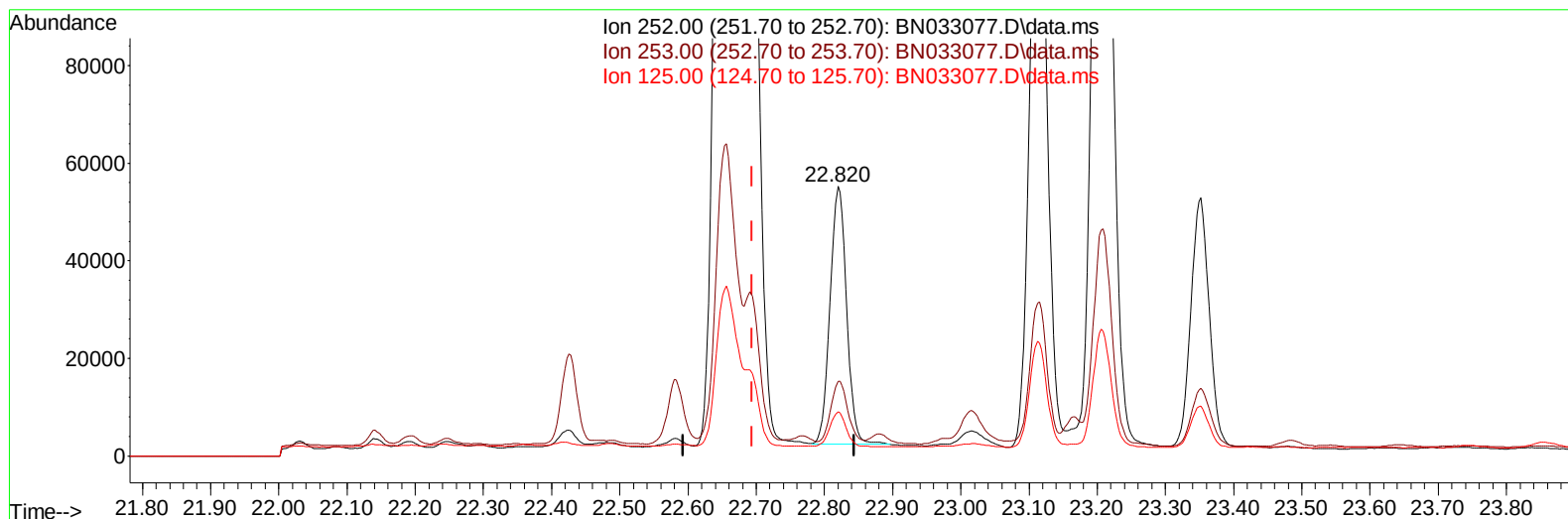
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(24) Benzo(b)fluoranthene

22.820min (+ 0.126) 1.68 ng/uI

response 89134

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	27.64
125.00	25.50	16.39
0.00	0.00	0.00

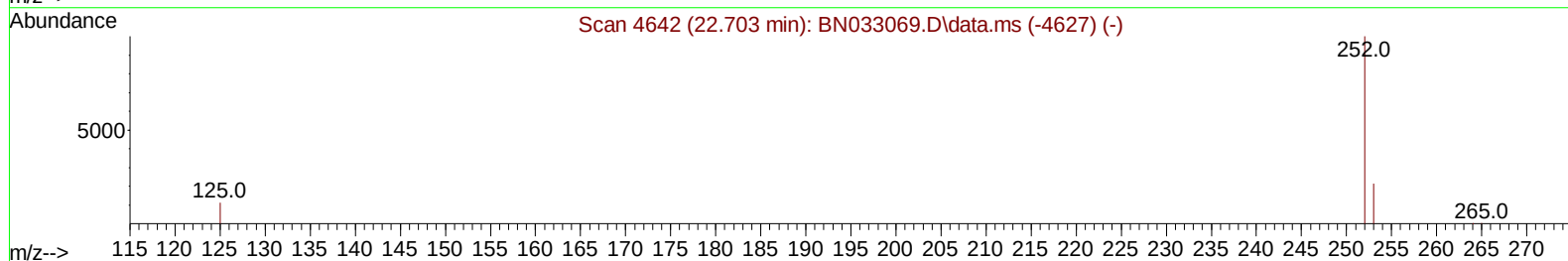
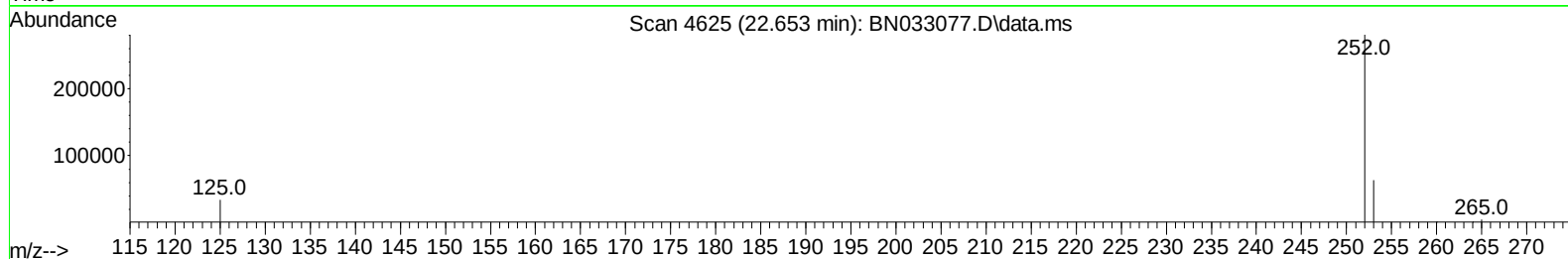
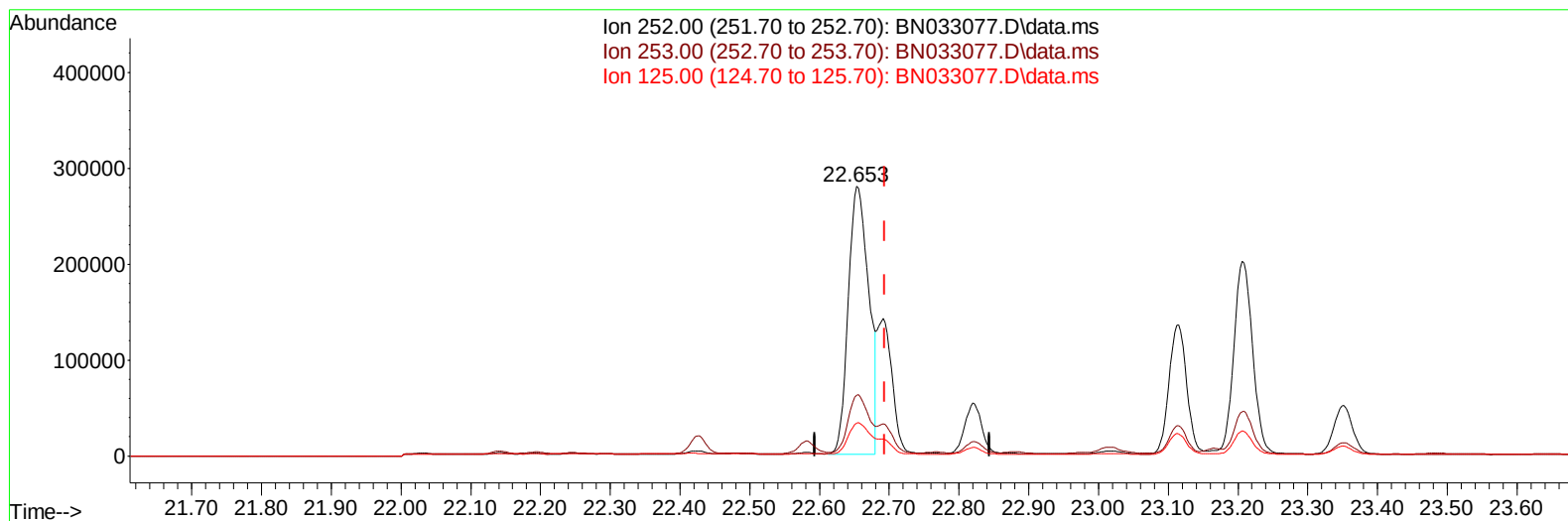
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(24) Benzo(b)fluoranthene

22.653min (-0.041) 10.76 ng/ul m

response 571631

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	22.66
125.00	25.50	12.10
0.00	0.00	0.00

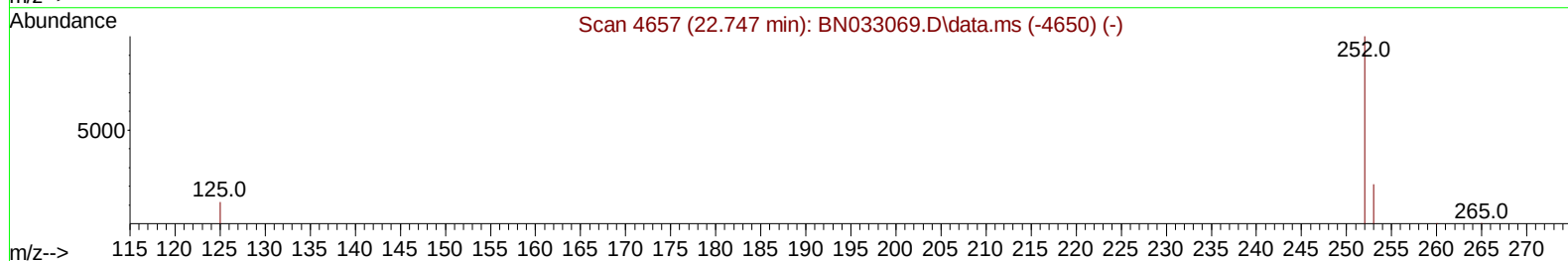
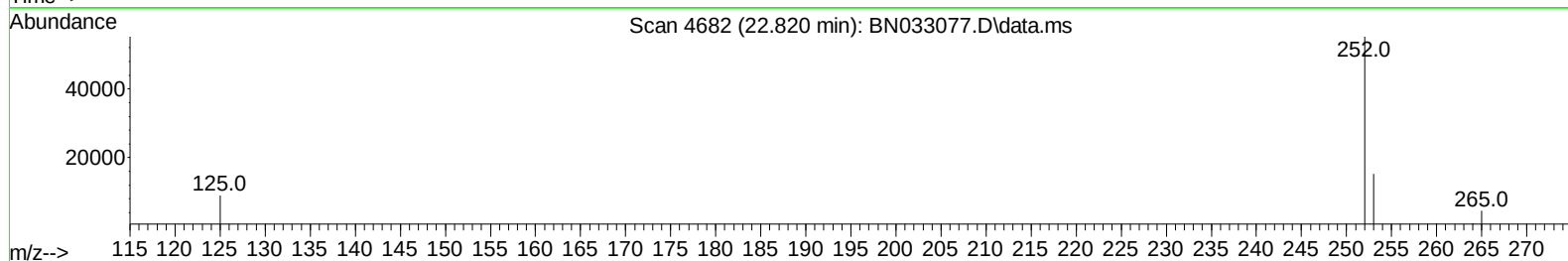
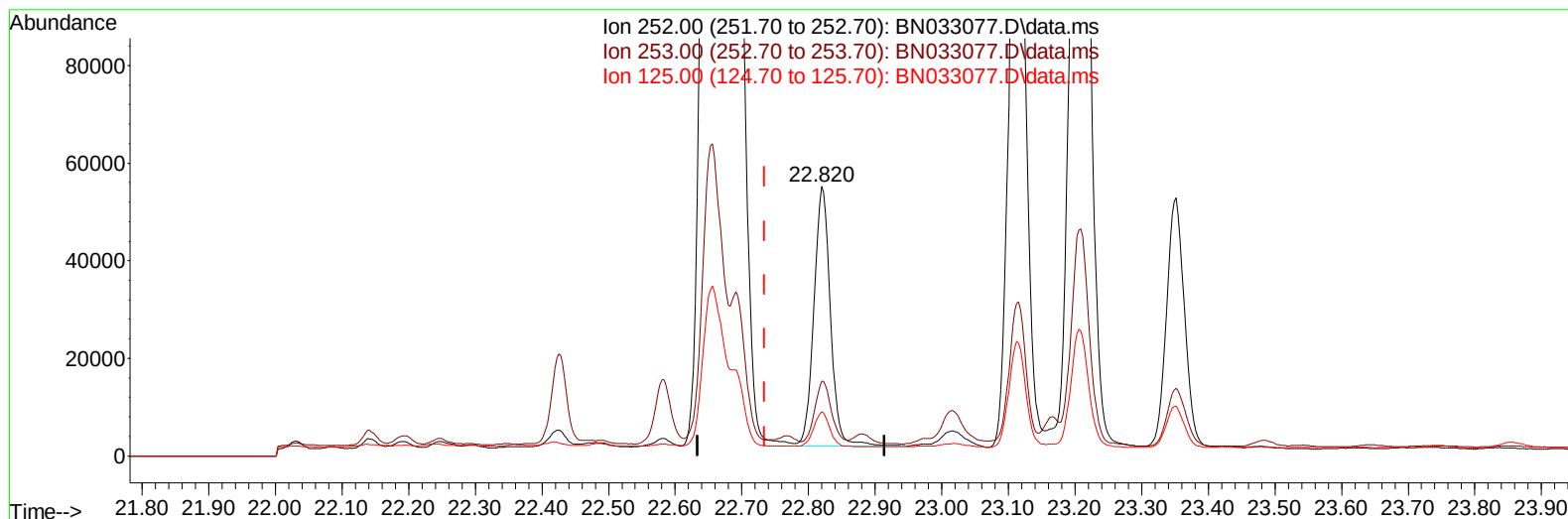
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(25) Benzo(k)fluoranthene

22.820min (+ 0.085) 1.44 ng/uI

response 91801

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	27.64
125.00	26.10	16.39#
0.00	0.00	0.00

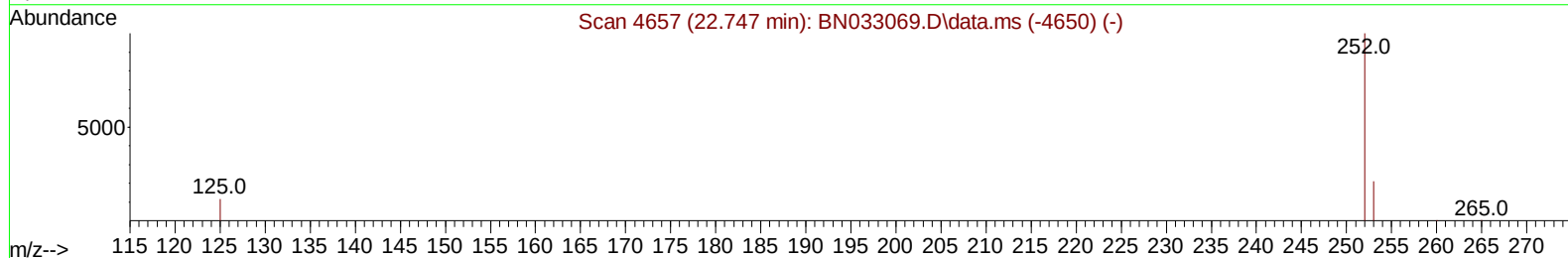
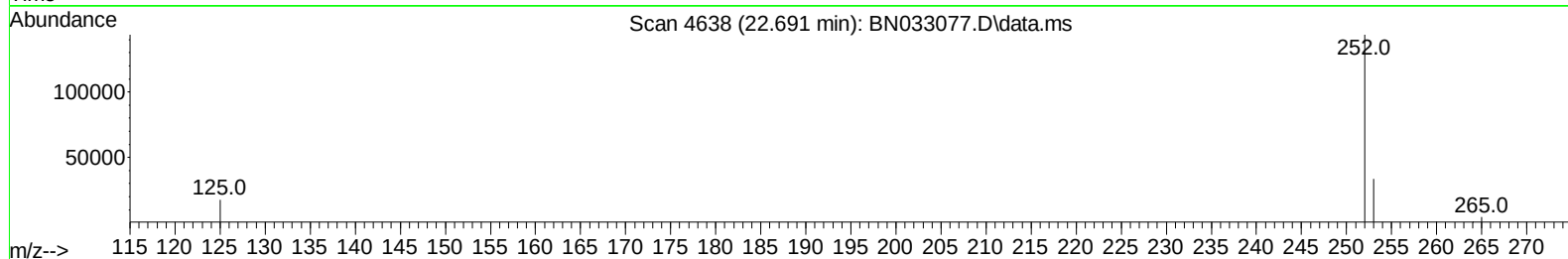
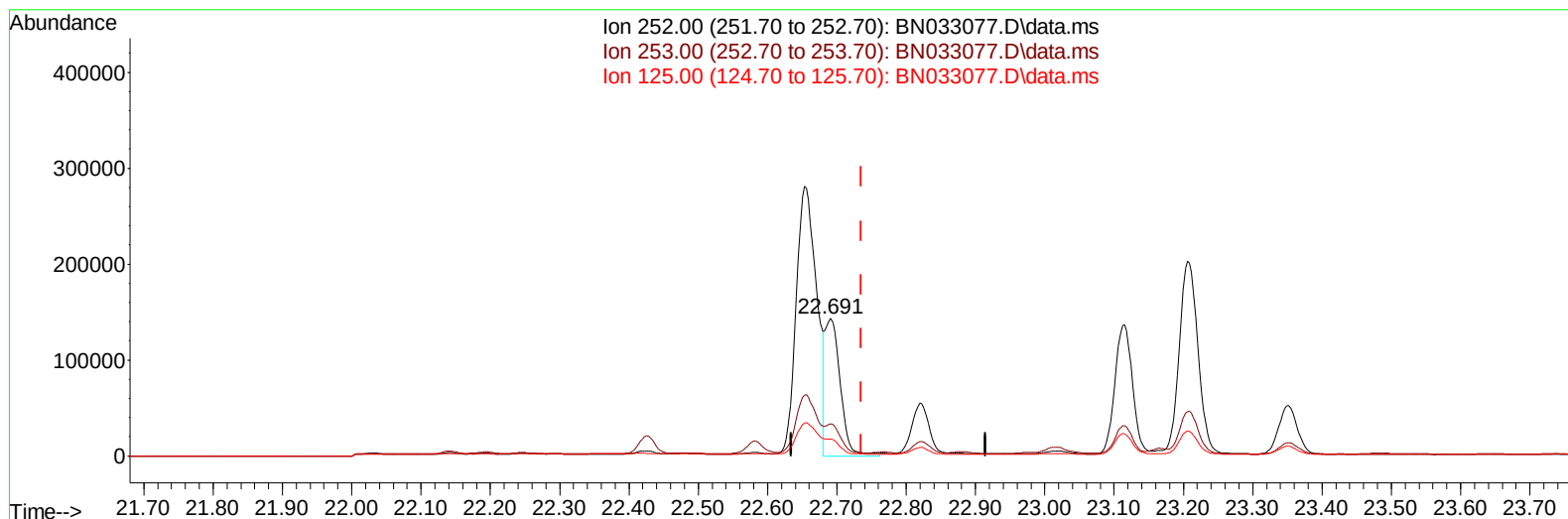
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(25) Benzo(k)fluoranthene

22.691min (-0.044) 3.51 ng/ul m

response 223259

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	23.41#
125.00	26.10	12.28#
0.00	0.00	0.00

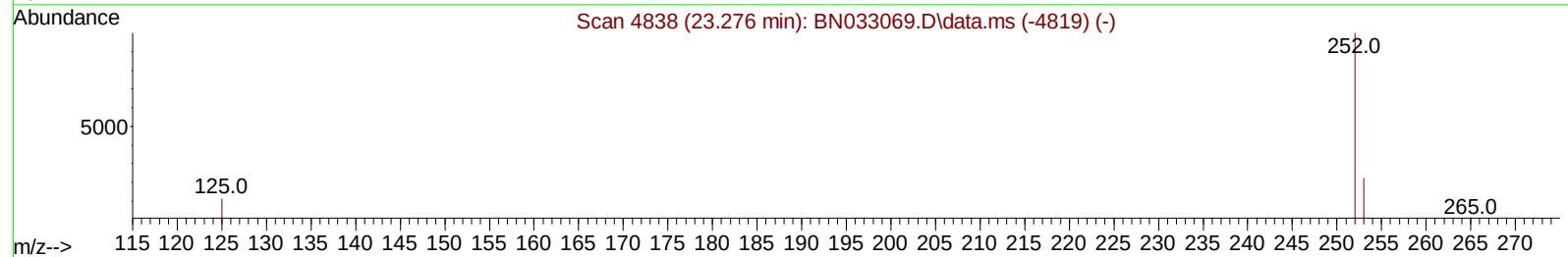
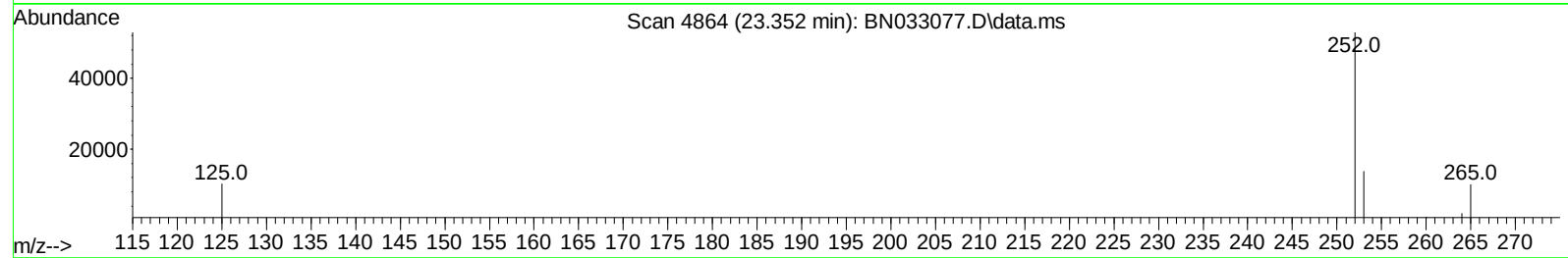
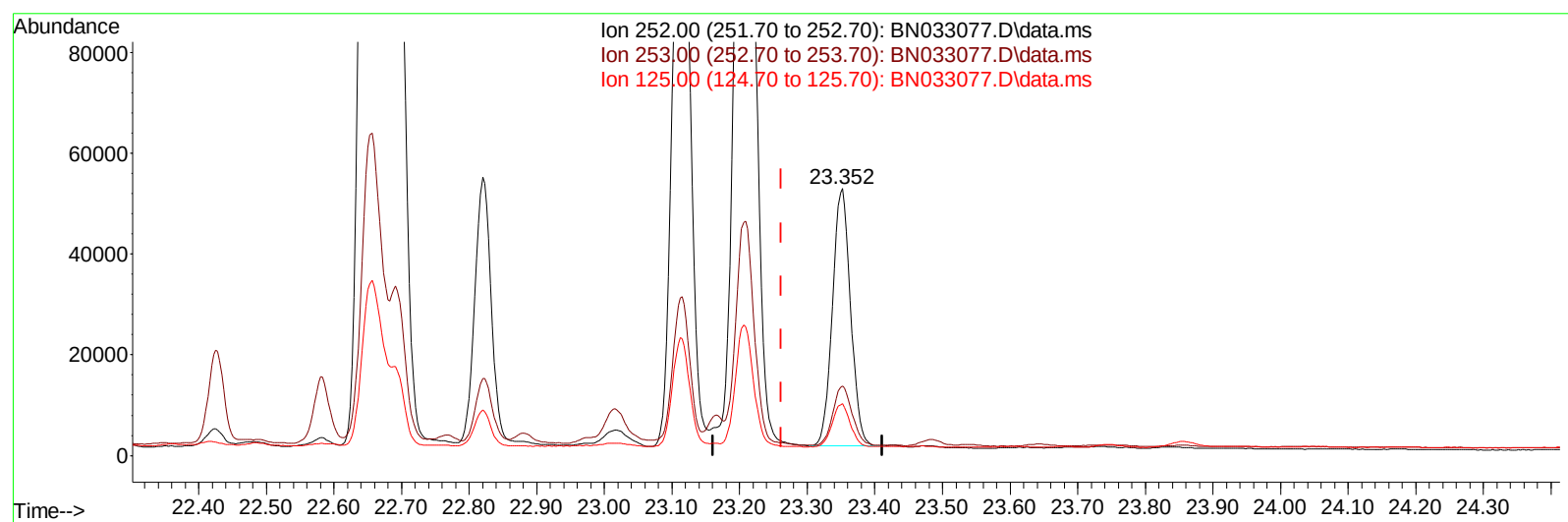
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(26) Benzo(a)pyrene (C)

23.352min (+ 0.091) 1.90 ng/u1

response 94999

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	26.17#
125.00	33.80	19.39#
0.00	0.00	0.00

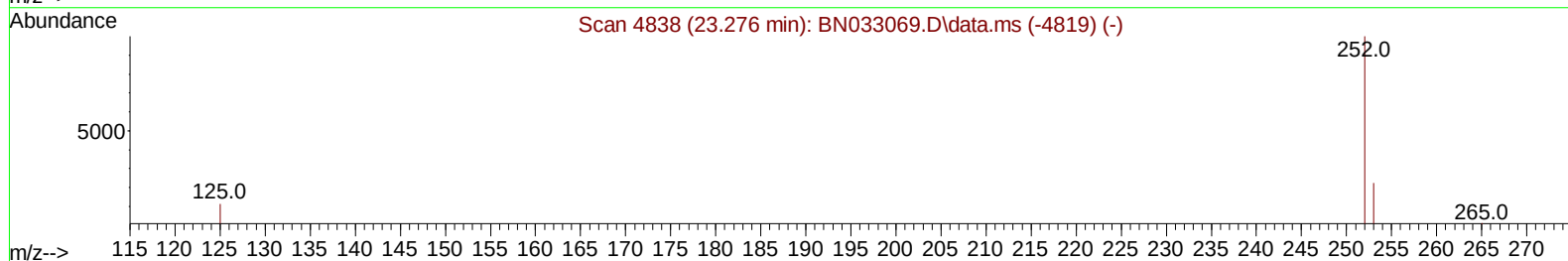
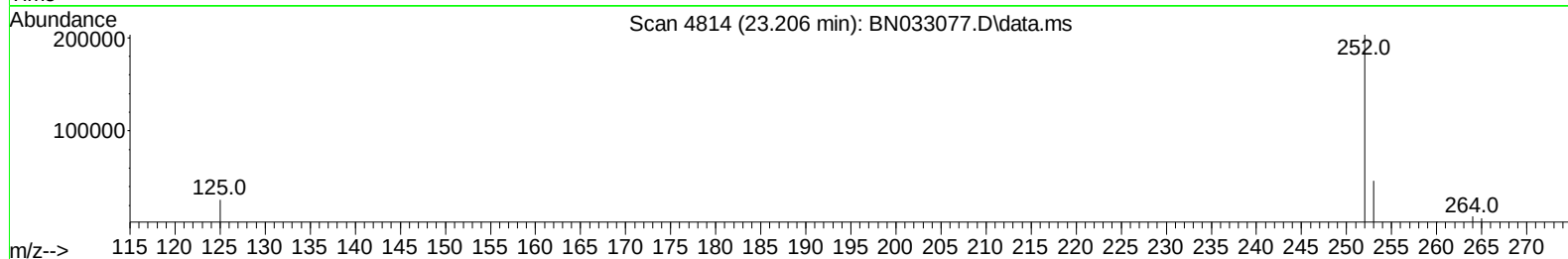
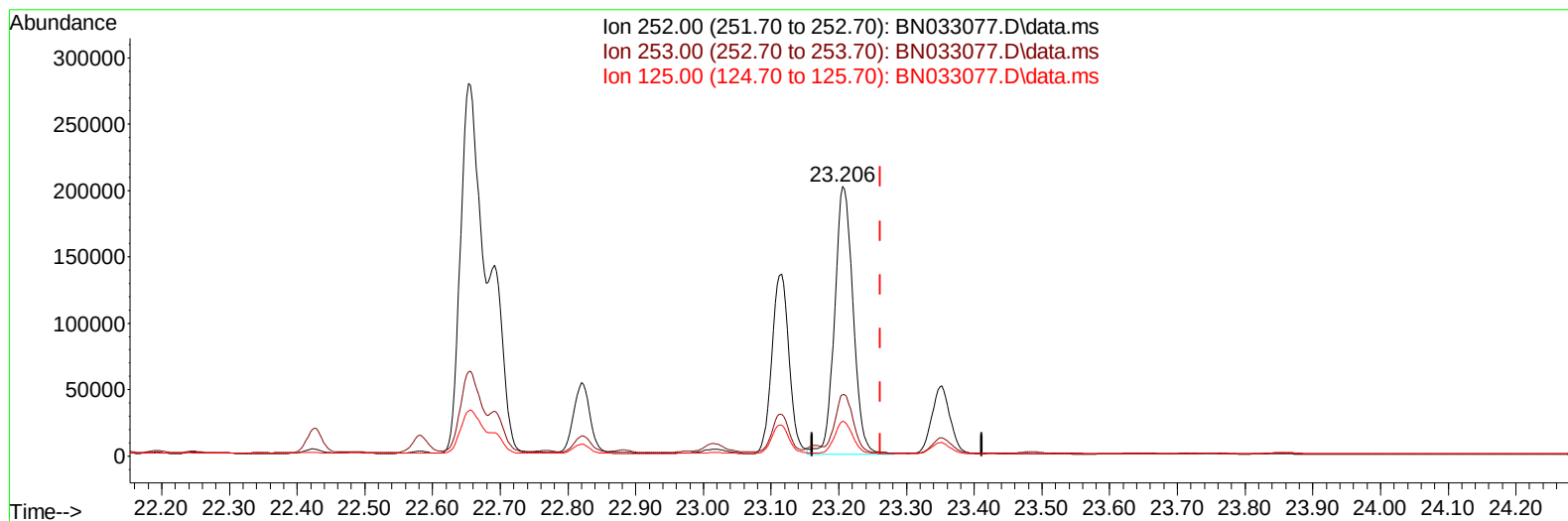
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(26) Benzo(a)pyrene (C)

23.206min (-0.055) 7.73 ng/ul m

response 386418

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	22.80#
125.00	33.80	12.79#
0.00	0.00	0.00

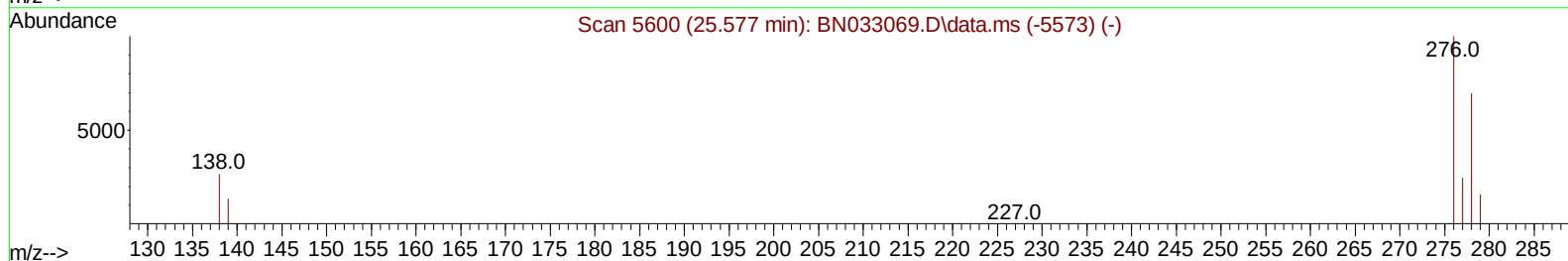
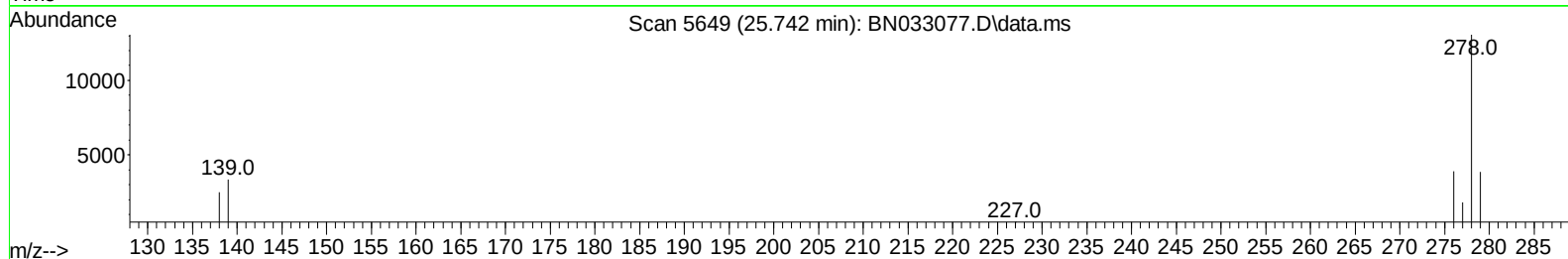
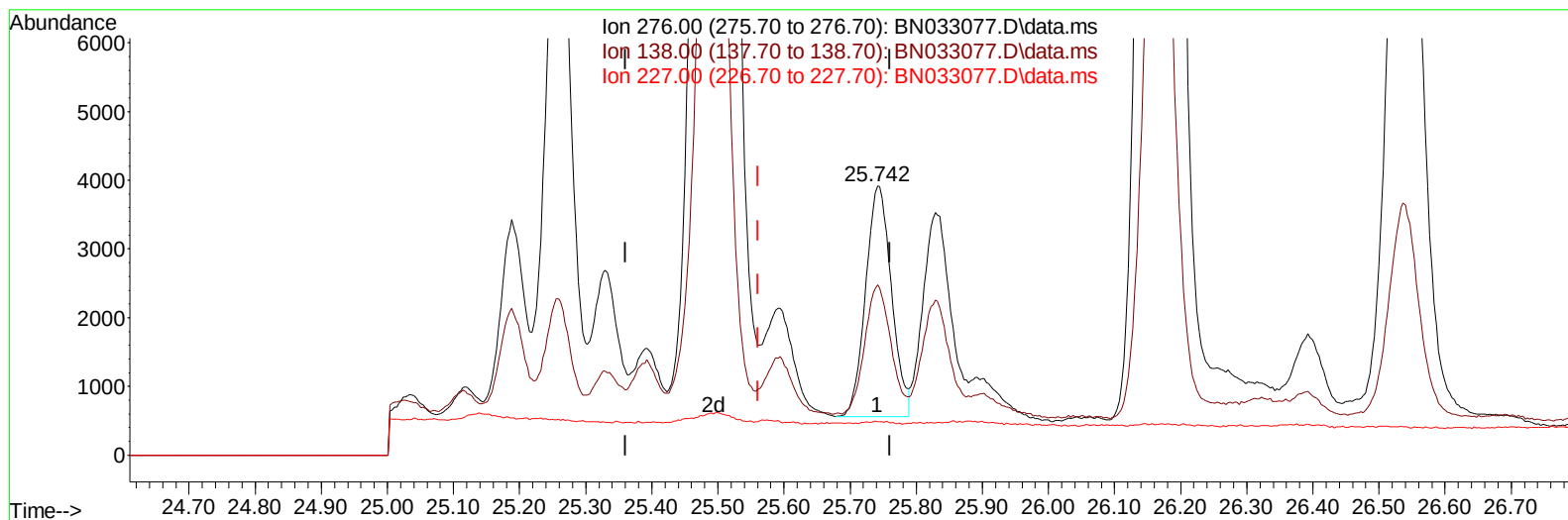
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

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

25.742min (+ 0.181) 0.12 ng/u1

response 9162

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.30	56.88#
227.00	0.20	0.82#
0.00	0.00	0.00

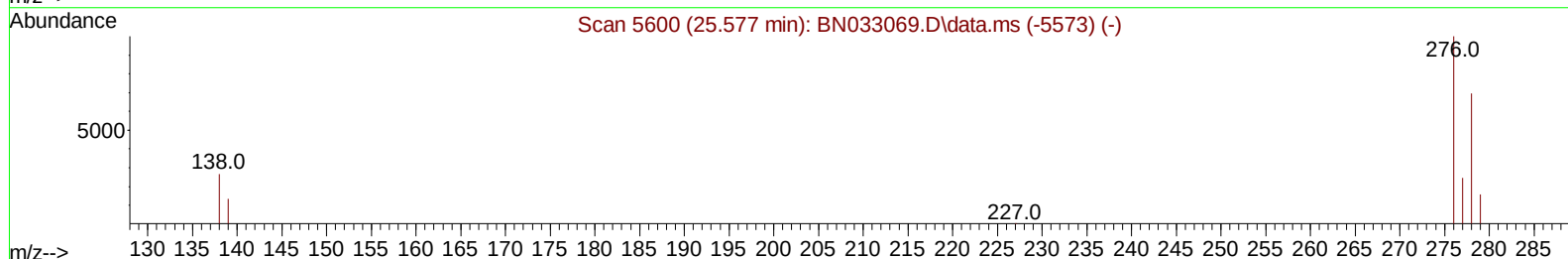
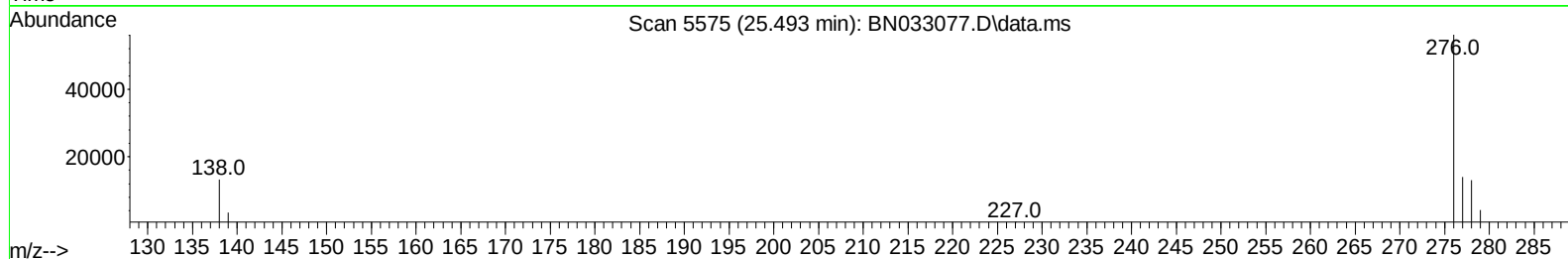
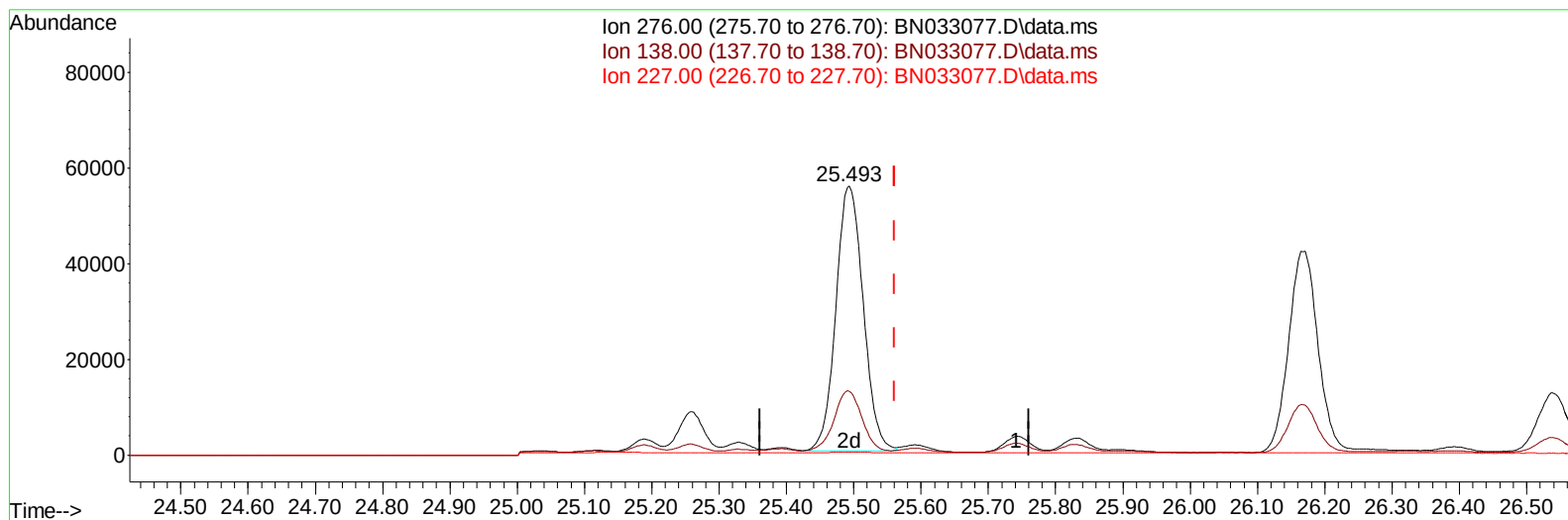
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

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

25.493min (-0.067) 2.05 ng/ul m

response 156108

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.30	3.34#
227.00	0.20	0.05#
0.00	0.00	0.00

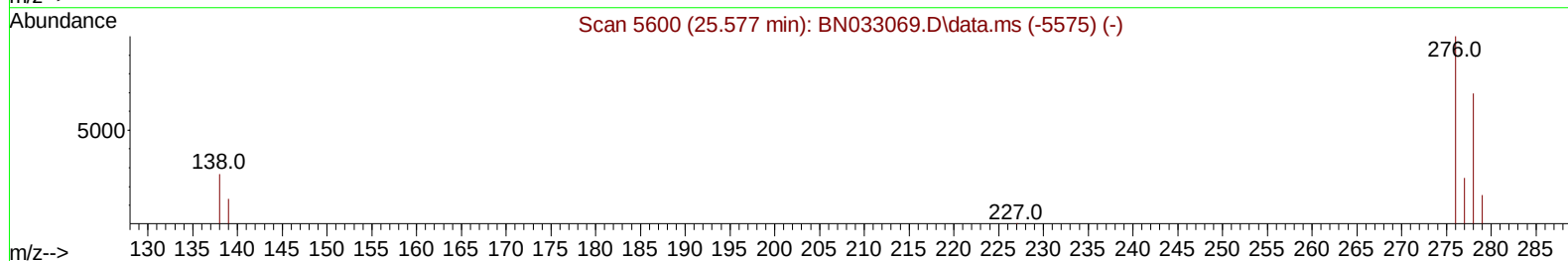
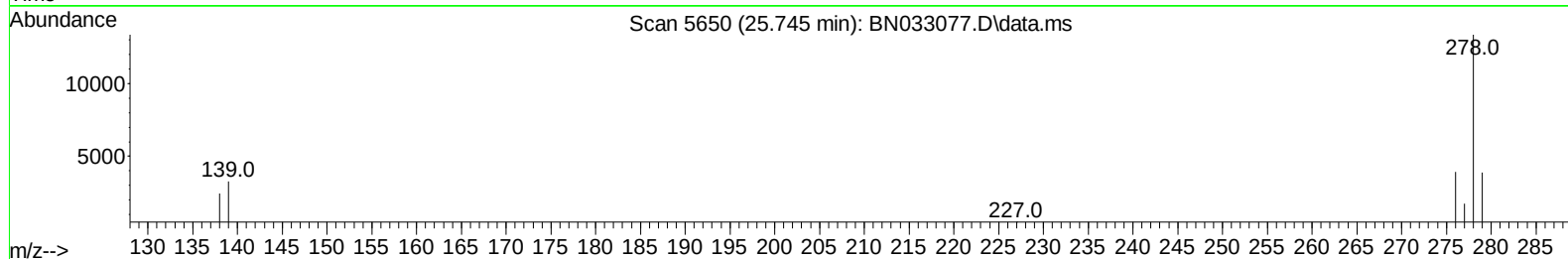
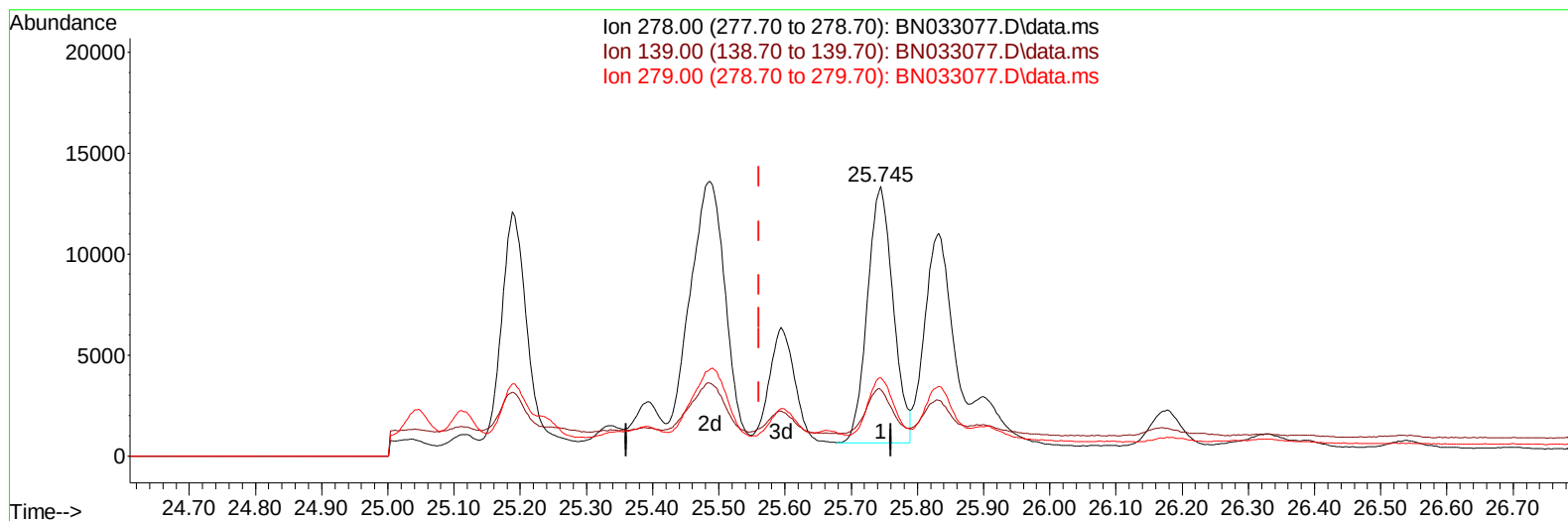
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(28) Dibenzo(a,h)anthracene

25.745min (+ 0.185) 0.57 ng/u1

response 34456

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	24.67
279.00	31.90	29.07
0.00	0.00	0.00

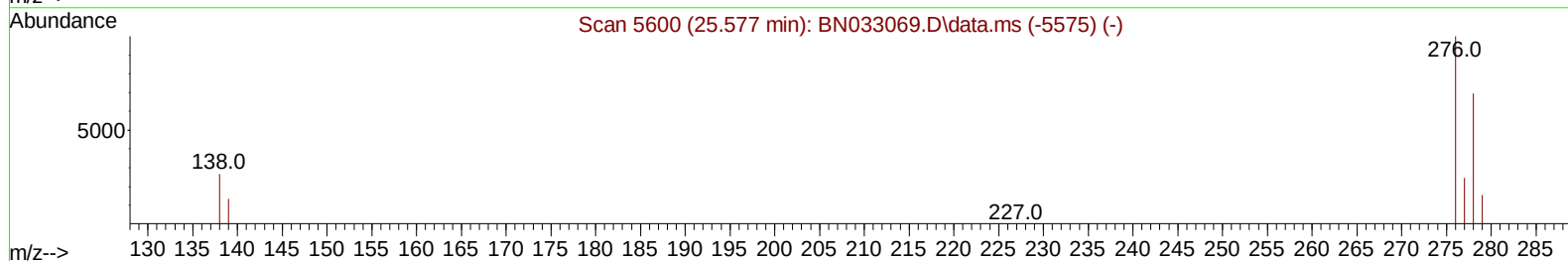
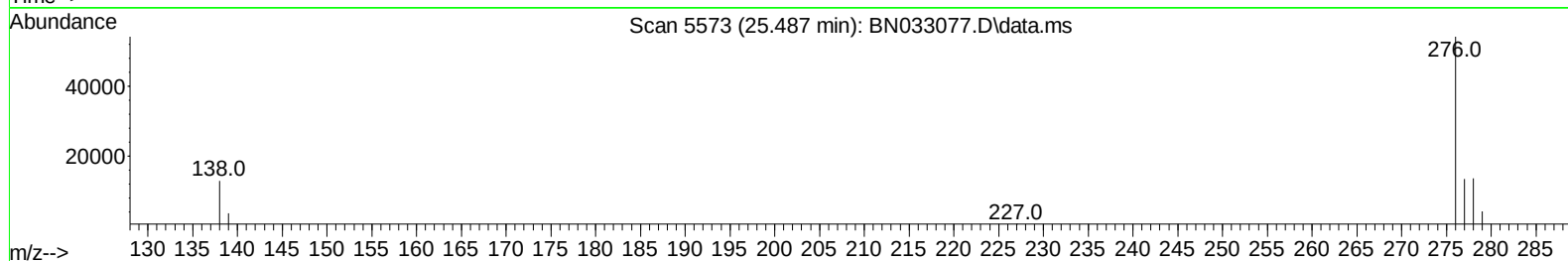
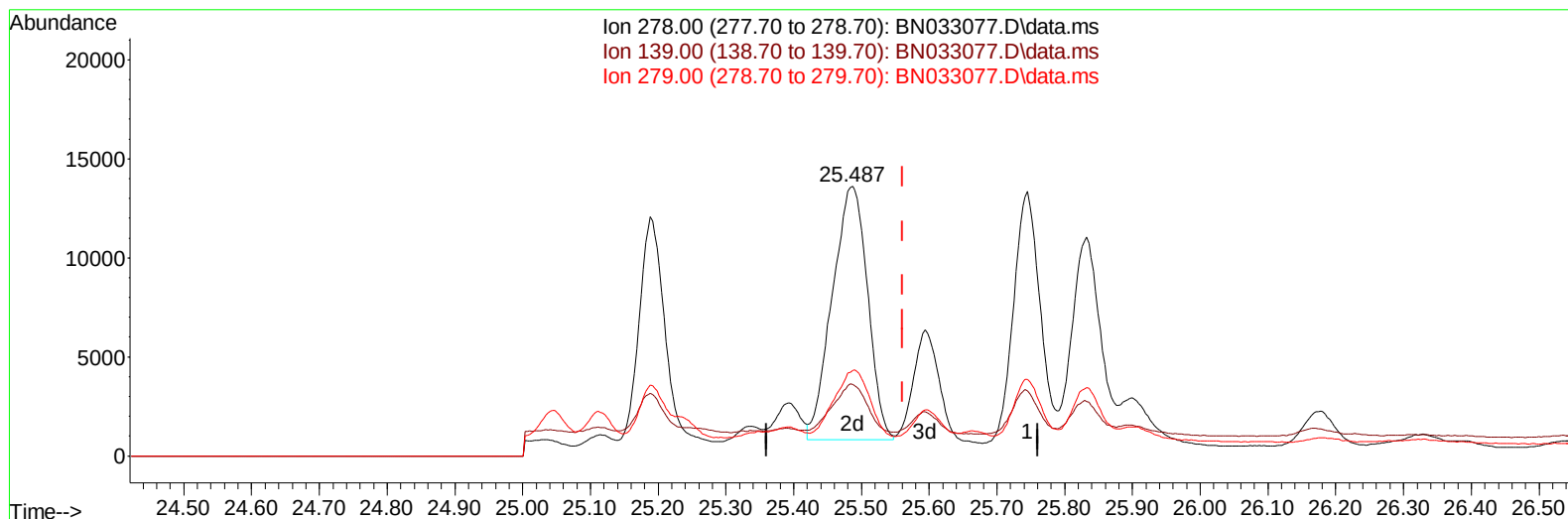
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

(28) Dibenzo(a,h)anthracene

25.487min (-0.074) 0.77 ng/ul m

response 46193

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	26.56
279.00	31.90	31.69
0.00	0.00	0.00

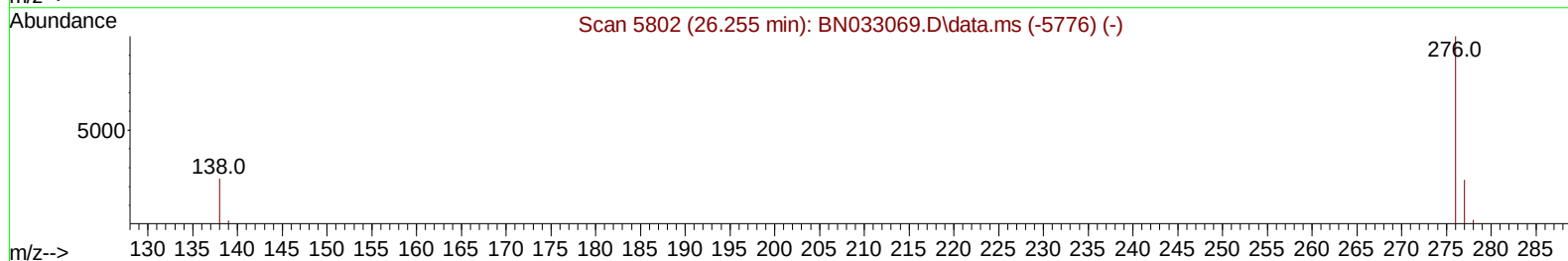
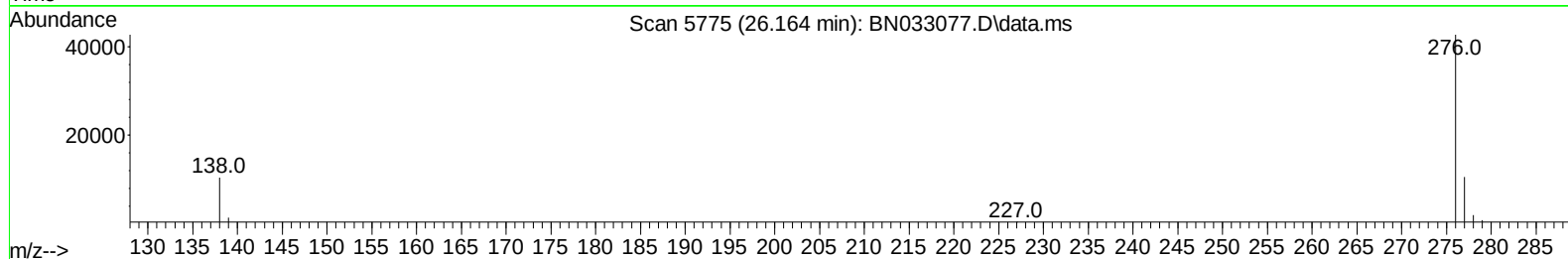
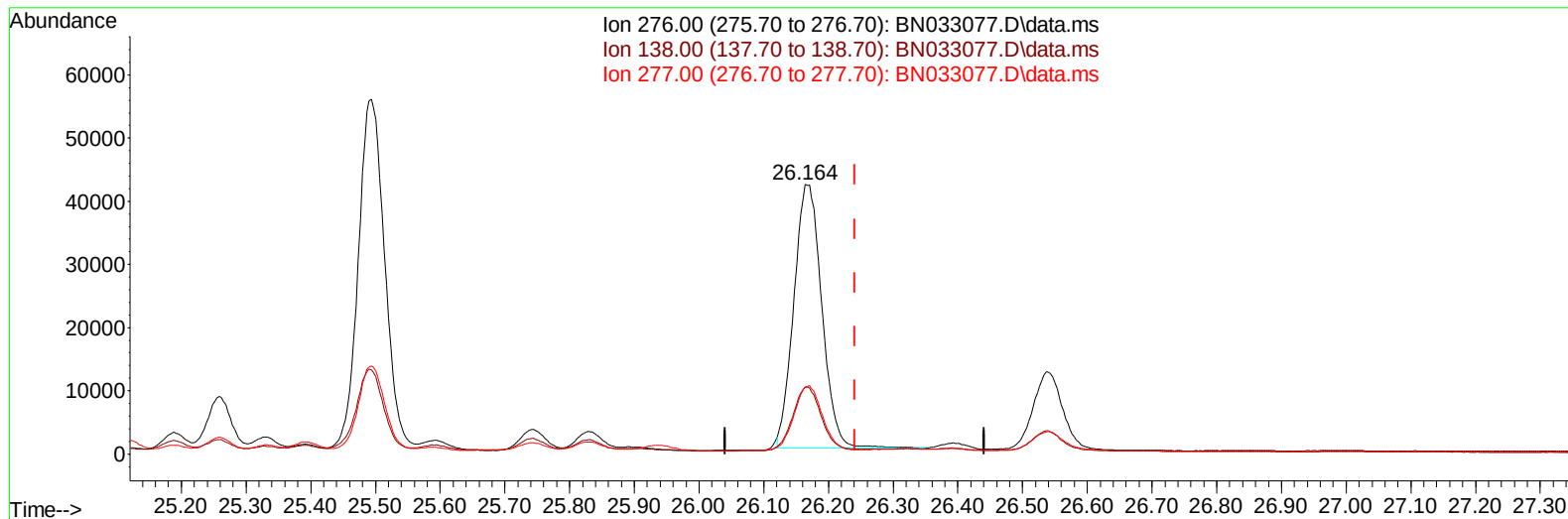
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

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

26.164min (-0.077) 2.07 ng/u1

response 124955

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	30.80	24.63#
277.00	28.30	24.84
0.00	0.00	0.00

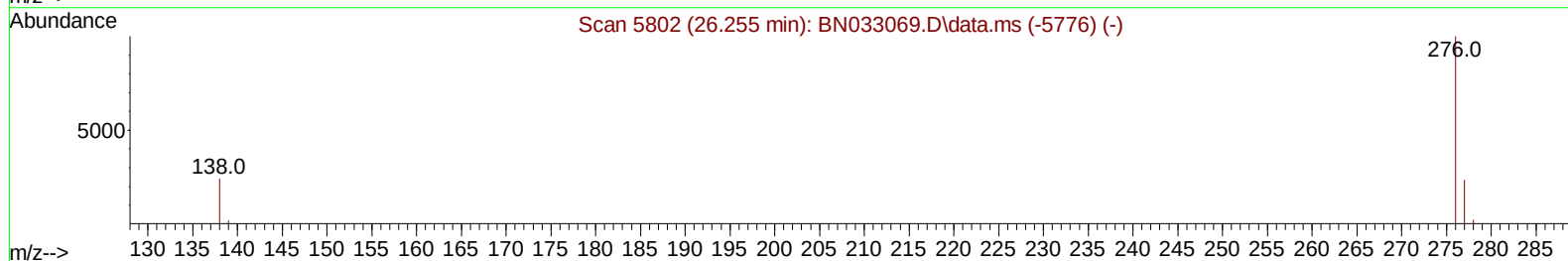
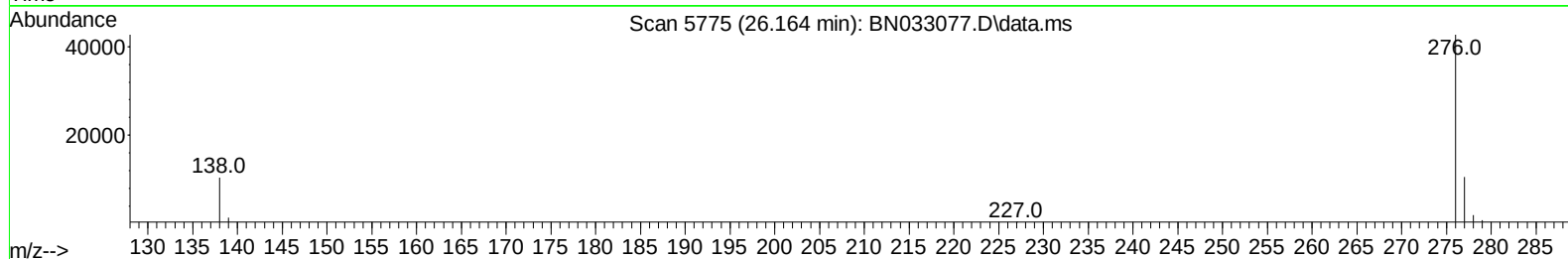
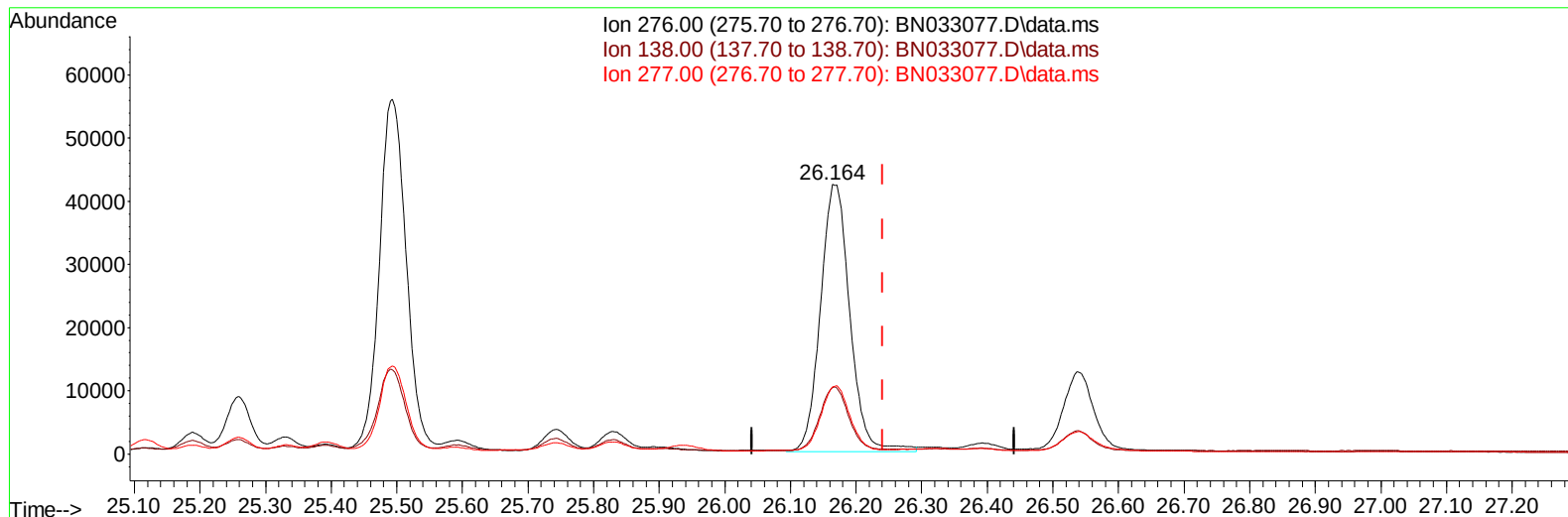
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033077.D\data.ms

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

26.164min (-0.077) 2.19 ng/ul m

response 132025

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	30.80	24.63#
277.00	28.30	24.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033077.D
 Acq On : 29 Jul 2024 20:50
 Operator : MA/JU
 Sample : P3347-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 29 23:07:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.495	152		2978	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.245	136		10622	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.134	164		13666	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.903	188		18029m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.125	240		16223m	0.400	ng/ul	-0.03
23) Perylene-d12	23.305	264		18187m	0.400	ng/ul	-0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.056	96		12616	3.349	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.846	152		4361	0.252	ng/ul	-0.07
18) Fluoranthene-d10	18.954	212		13880m	0.302	ng/ul	-0.03
Target Compounds							
							Qvalue
5) Naphthalene	10.311	128	13831862	507.079	ng/ul#		94
7) 2-Methylnaphthalene	11.923	142	1132296	61.277	ng/ul		95
8) 1-Methylnaphthalene	12.143	142	1311275	65.621	ng/ul		100
10) Acenaphthylene	13.856	152	136687	2.444	ng/ul#		78
11) Acenaphthene	14.208	153	5197036	123.535	ng/ul		98
12) Fluorene	15.198	166	1867221	38.081	ng/ul		98
15) Phenanthrene	16.950	178	5835886m	120.680	ng/ul		
16) Anthracene	17.038	178	1067488m	24.552	ng/ul		
19) Fluoranthene	18.986	202	3023155	56.596	ng/ul		98
20) Pyrene	19.349	202	2096277	36.595	ng/ul		96
21) Benzo(a)anthracene	21.107	228	697924m	12.612	ng/ul		
22) Chrysene	21.160	228	554728	8.590	ng/ul		99
24) Benzo(b)fluoranthene	22.653	252	571631m	10.759	ng/ul		
25) Benzo(k)fluoranthene	22.691	252	223259m	3.507	ng/ul		
26) Benzo(a)pyrene	23.206	252	386418m	7.728	ng/ul		
27) Indeno(1,2,3-cd)pyrene	25.493	276	156108m	2.053	ng/ul		
28) Dibenzo(a,h)anthracene	25.487	278	46193m	0.767	ng/ul		
29) Benzo(g,h,i)perylene	26.164	276	132025m	2.185	ng/ul		

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
Operator : MA/JU
Sample : P3347-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY8

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