

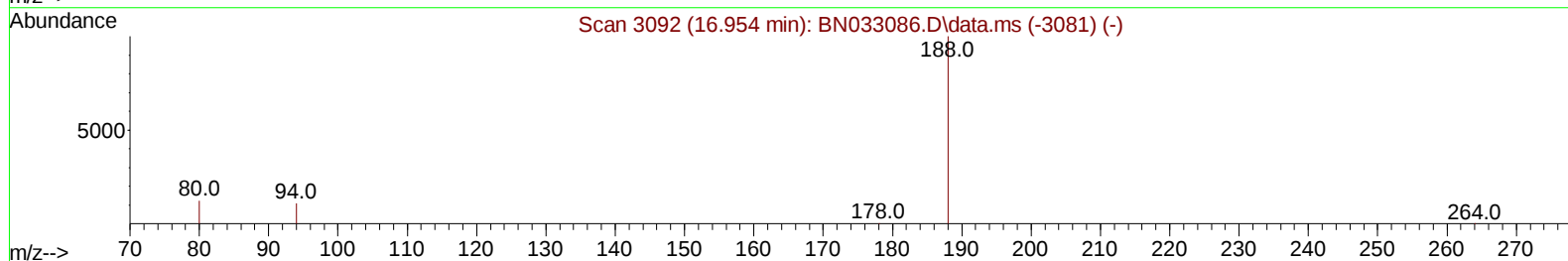
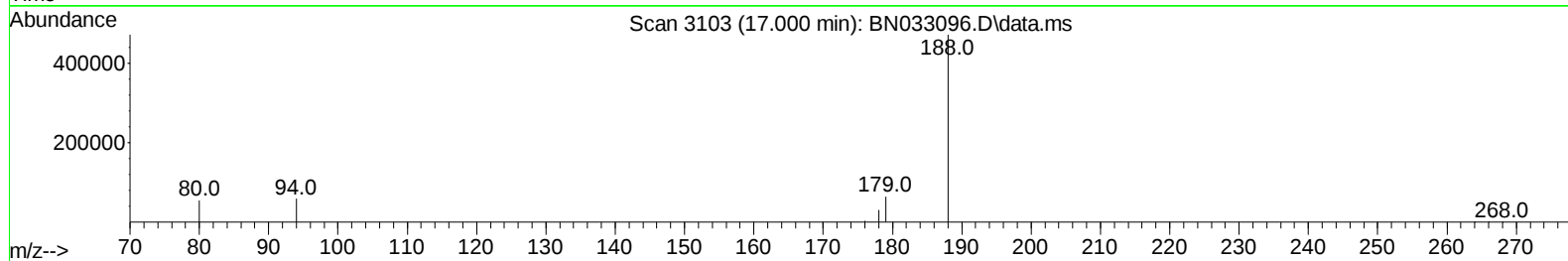
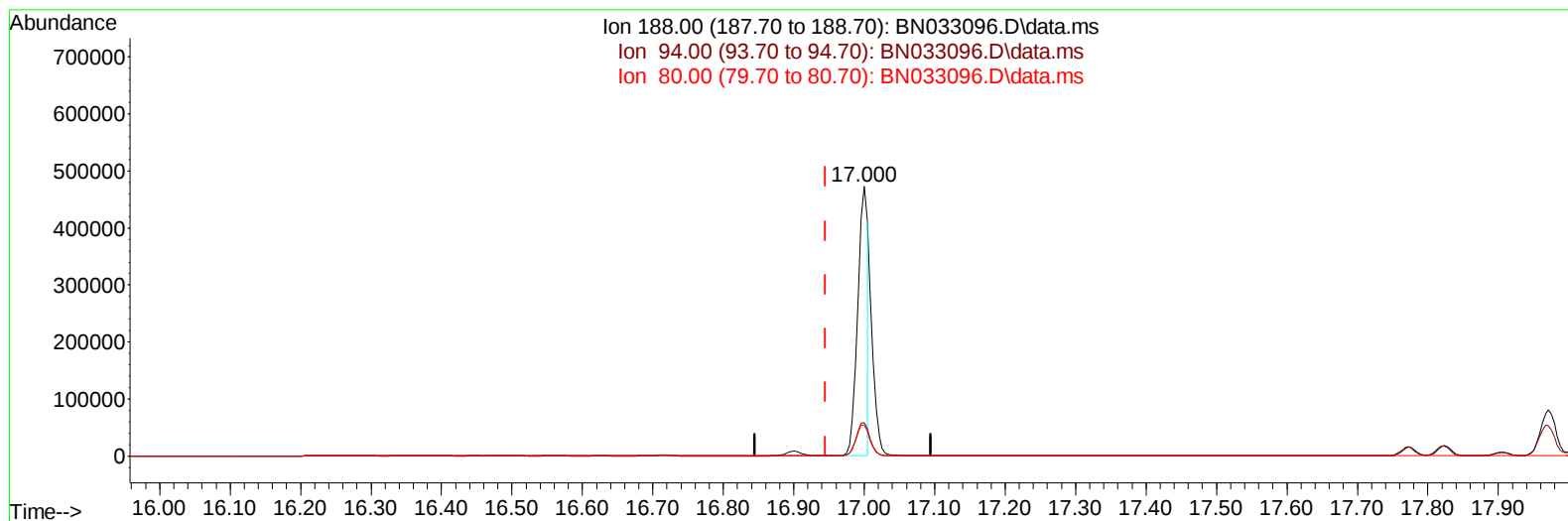
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(13) Phenanthrene-d10 (I)

17.000min (+ 0.055) 0.40 ng/u1

response 465634

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.49
80.00	13.10	11.57
0.00	0.00	0.00

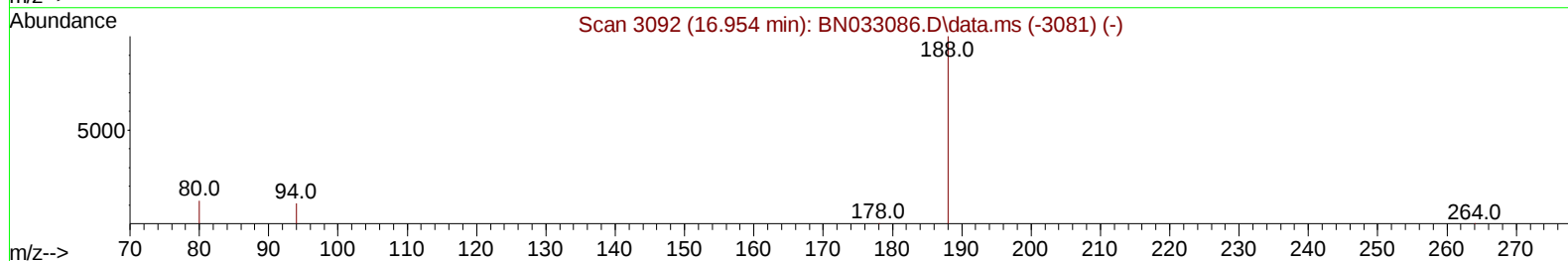
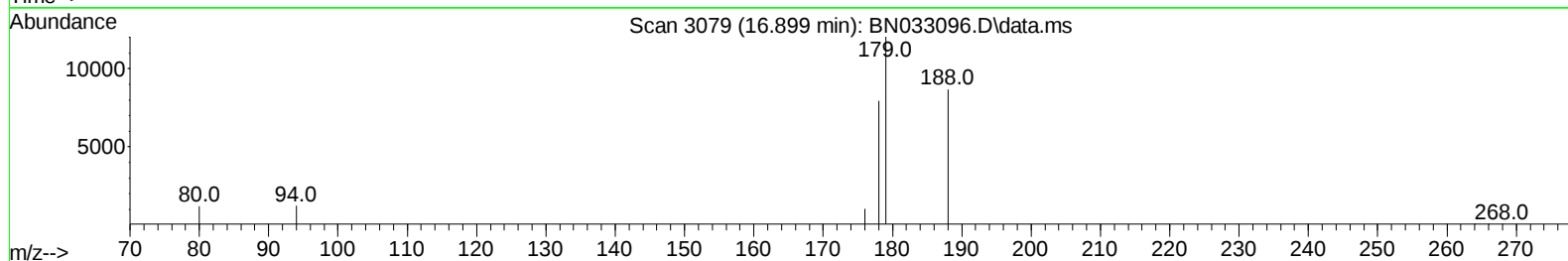
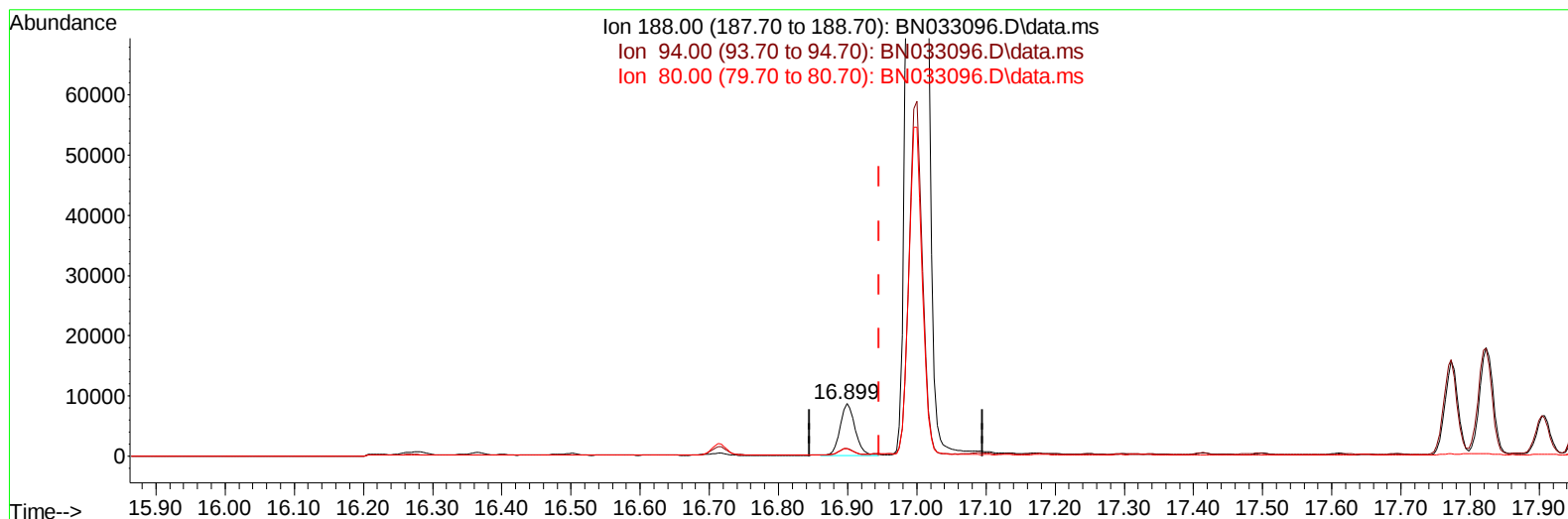
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(13) Phenanthrene-d10 (I)

16.899min (-0.046) 0.40 ng/u1 m

response 12783

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	14.20
80.00	13.10	13.67
0.00	0.00	0.00

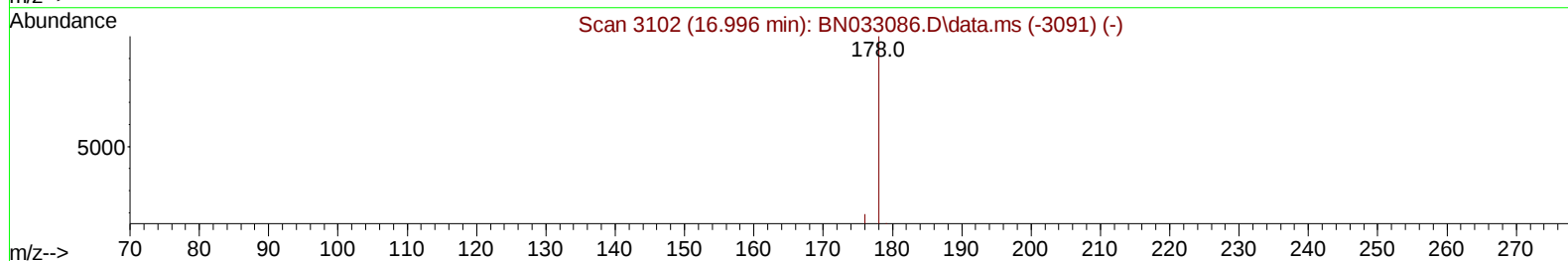
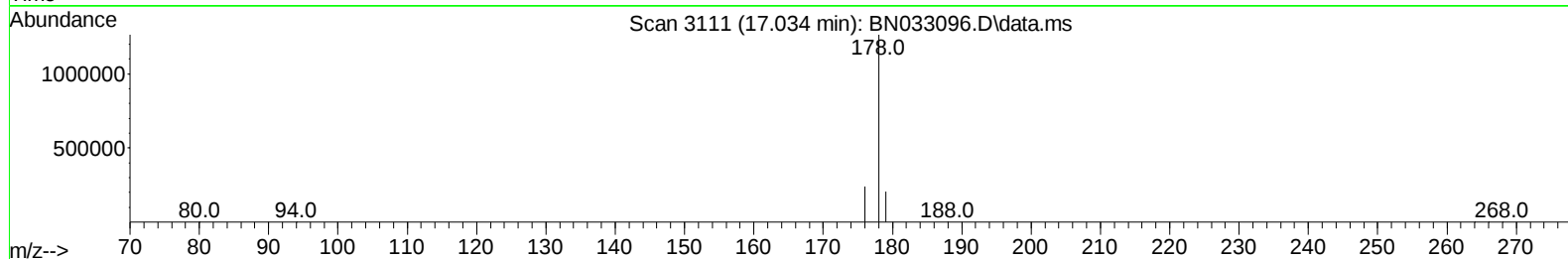
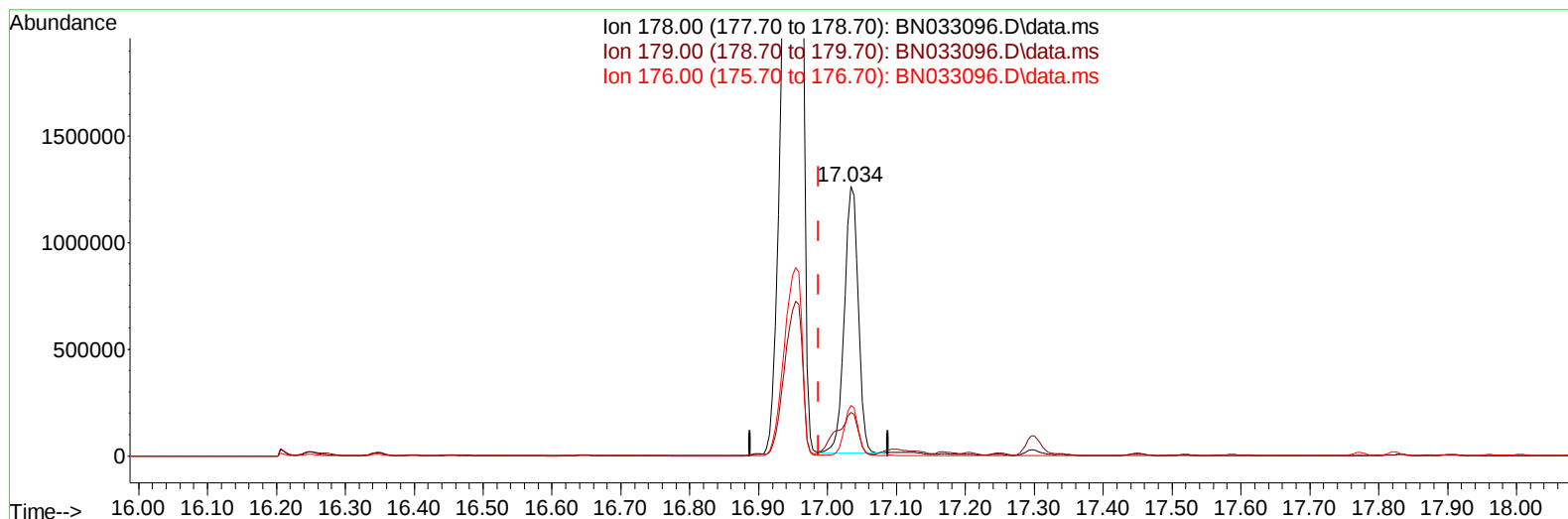
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(15) Phenanthrene

17.034min (+ 0.046) 50.73 ng/u1

response 1739391

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	16.25
176.00	19.90	18.83
0.00	0.00	0.00

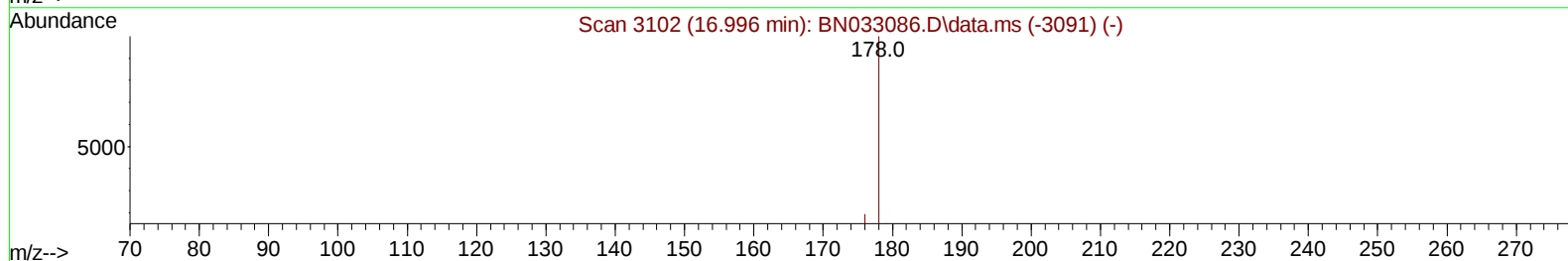
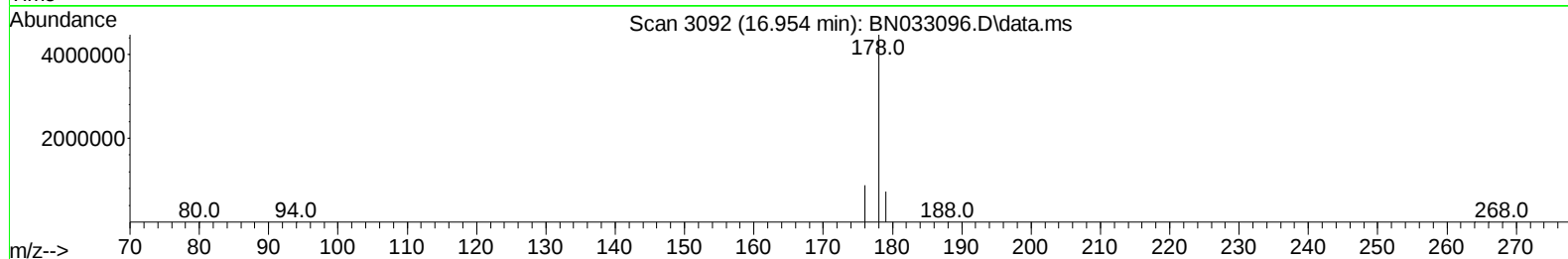
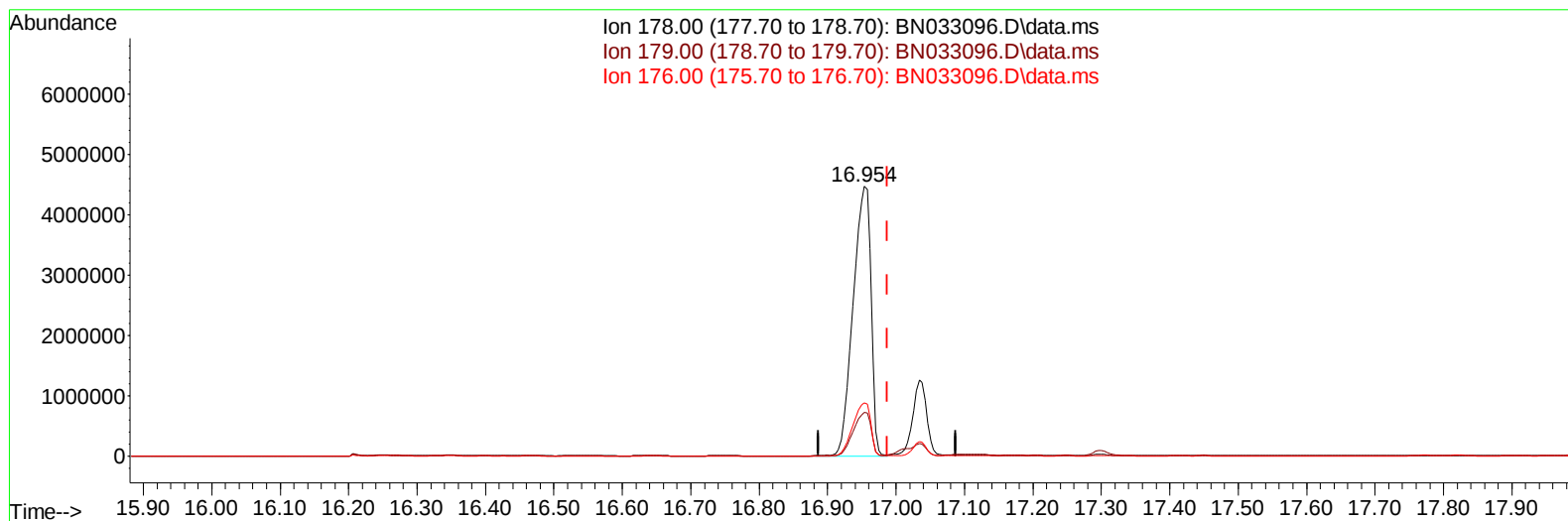
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033096.D
 Acq On : 30 Jul 2024 08:56
 Operator : MA/JU
 Sample : P3329-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(15) Phenanthrene

16.954min (-0.034) 237.23 ng/ul m

response 8134089

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	16.23
176.00	19.90	19.76
0.00	0.00	0.00

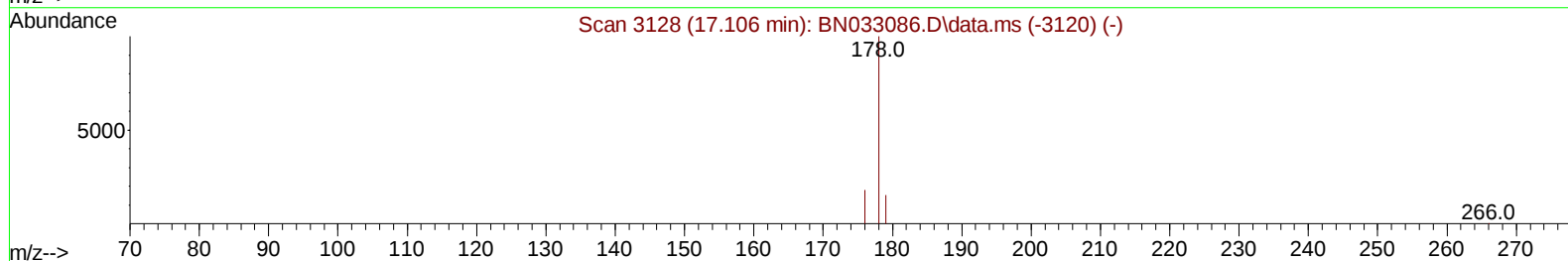
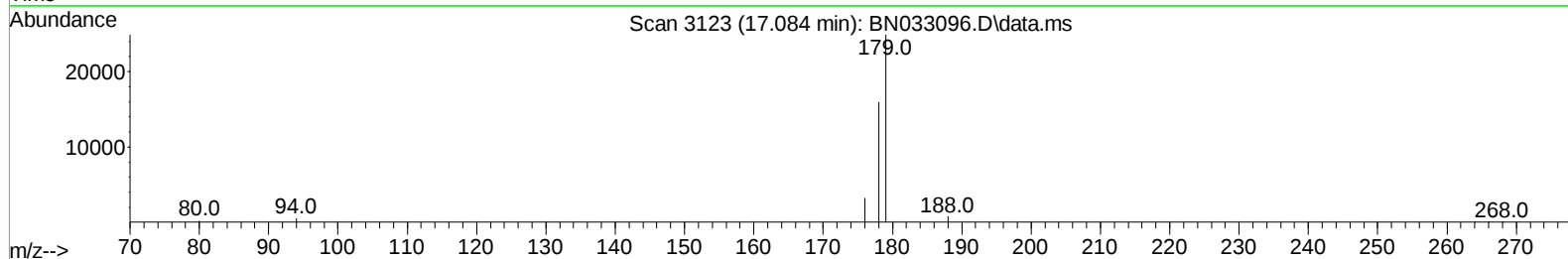
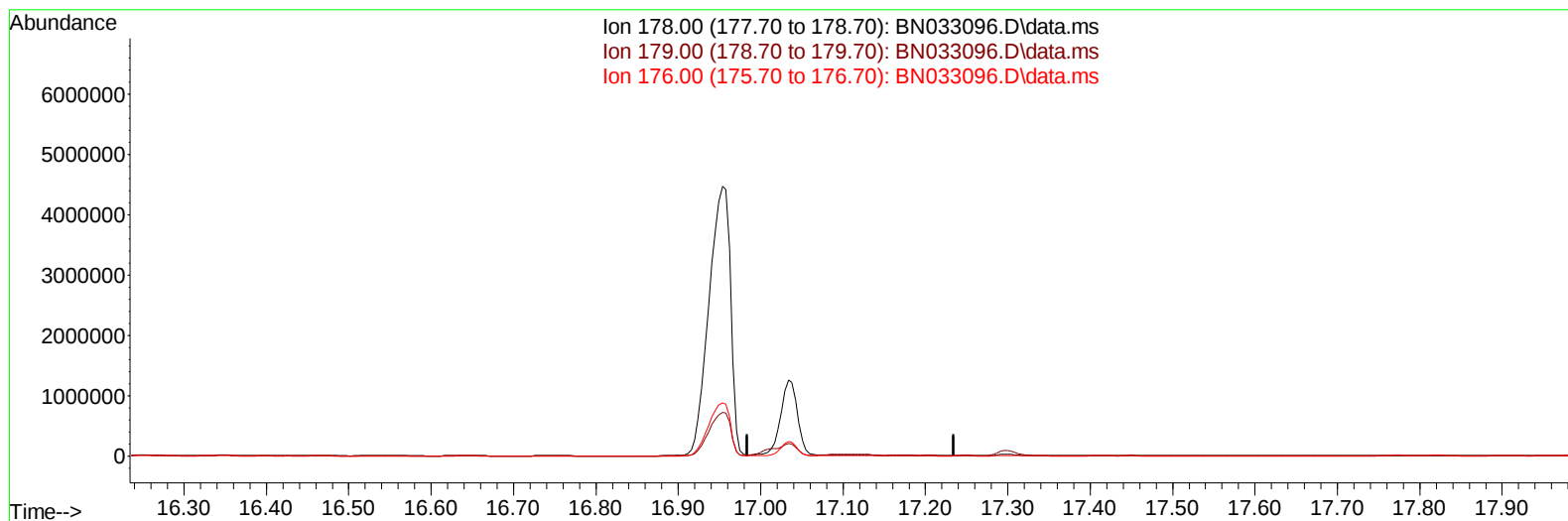
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033096.D
 Acq On : 30 Jul 2024 08:56
 Operator : MA/JU
 Sample : P3329-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(16) Anthracene

17.084min (-17.084) 0.00 ng/u1

response 0

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

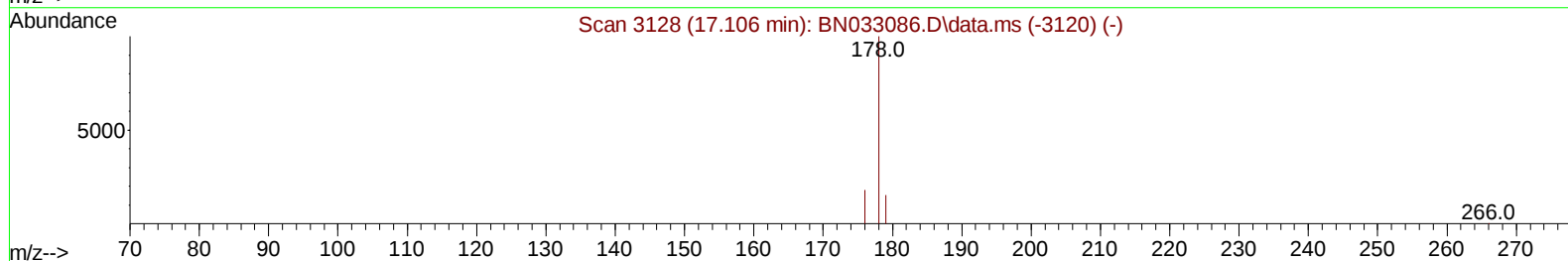
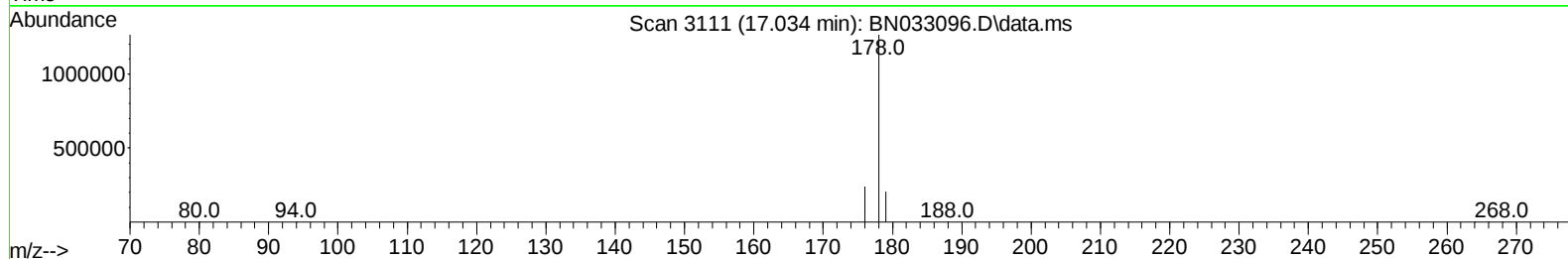
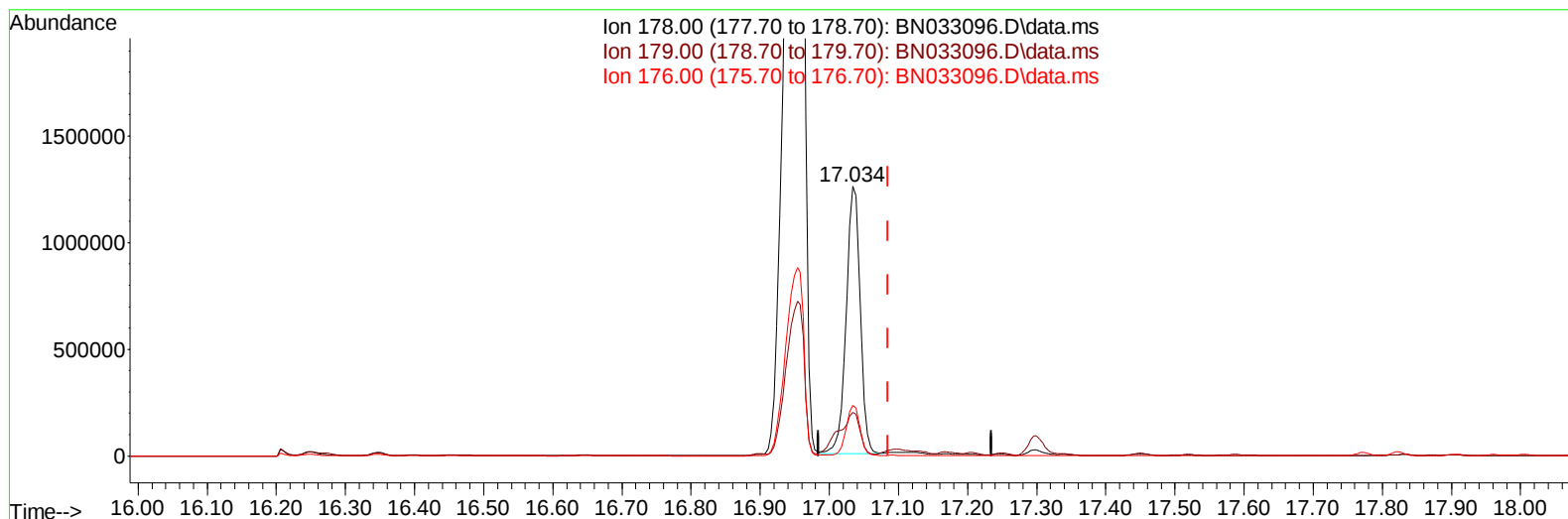
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(16) Anthracene

17.034min (-0.051) 57.09 ng/ul m

response 1759998

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	16.25
176.00	19.80	18.83
0.00	0.00	0.00

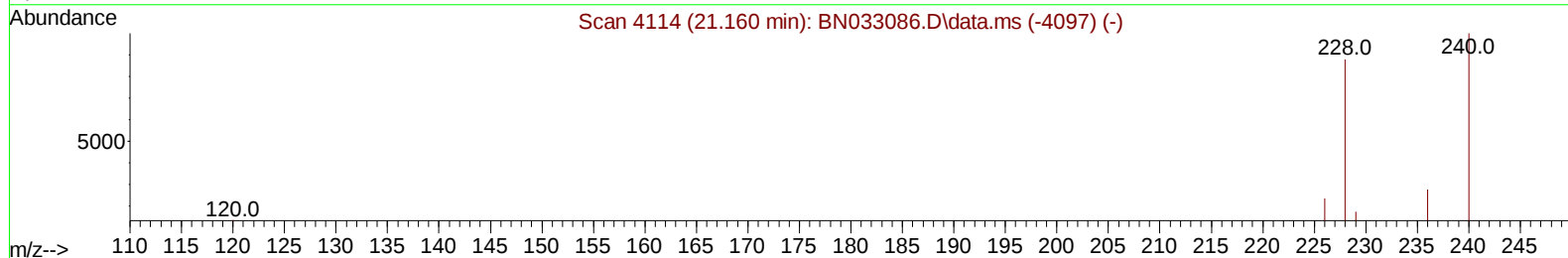
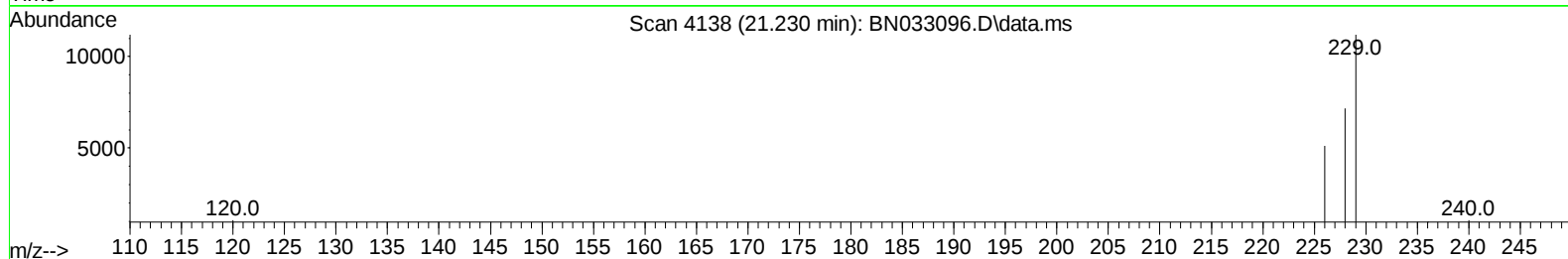
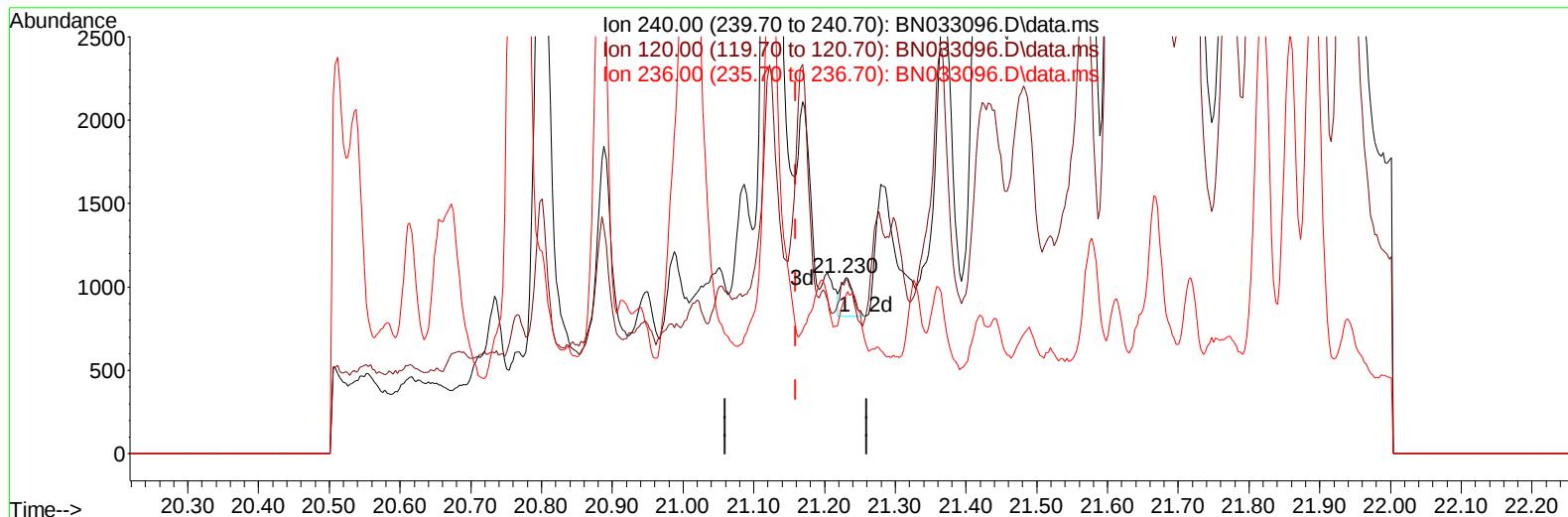
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(17) Chrysene-d12

21.230min (+ 0.070) 0.40 ng/u1

response 282

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	98.77#
236.00	29.50	89.69#
0.00	0.00	0.00

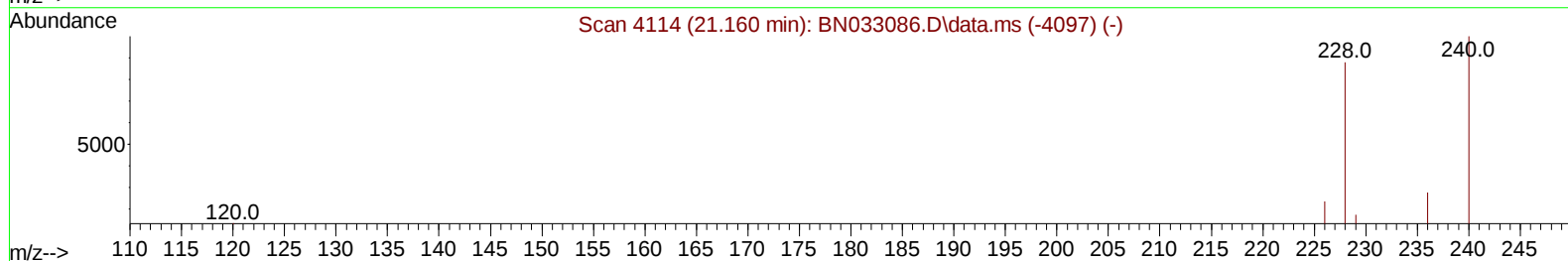
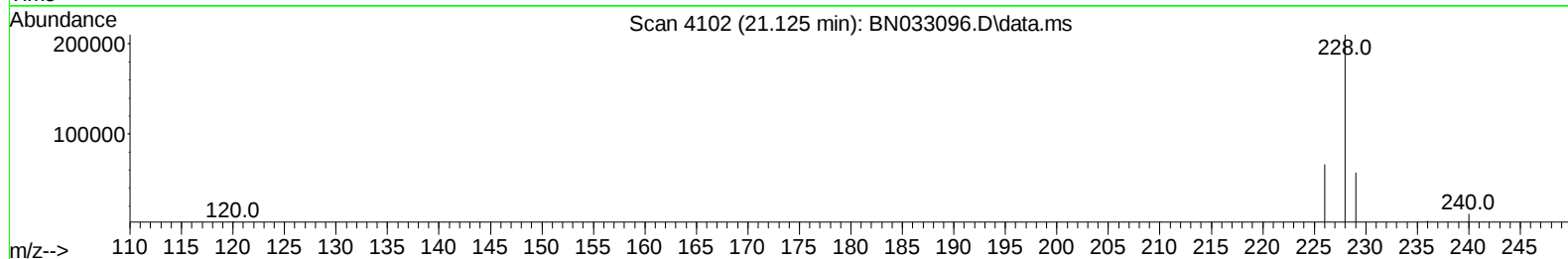
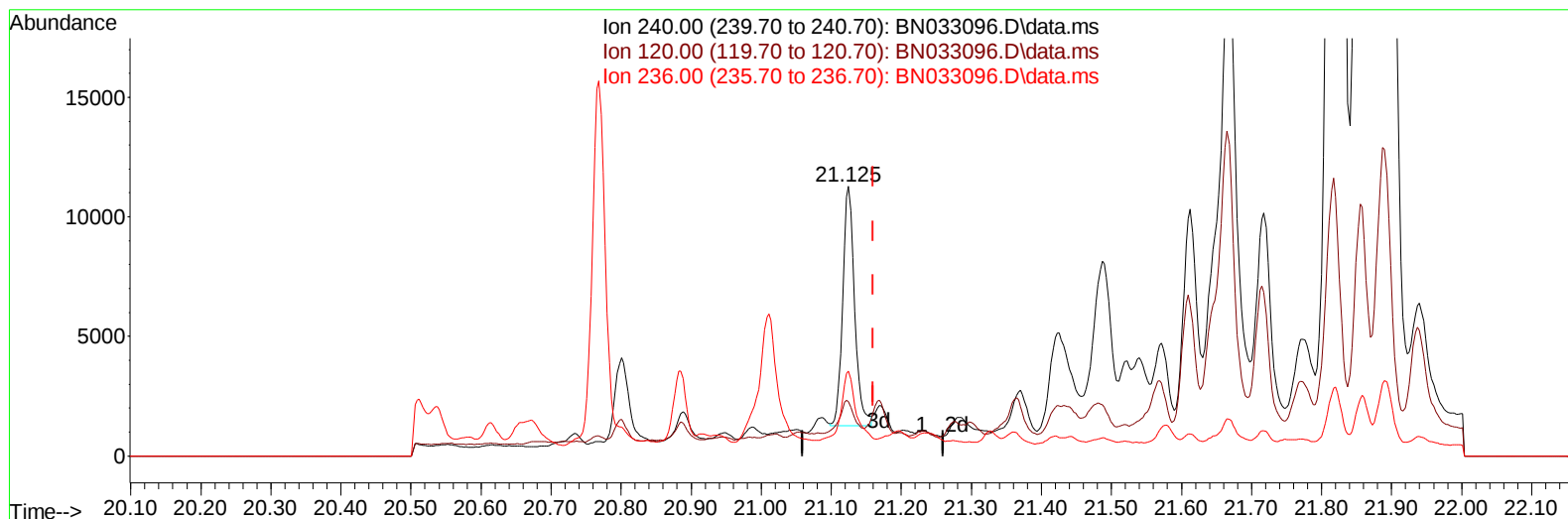
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(17) Chrysene-d12

21.125min (-0.035) 0.40 ng/ul m

response 11739

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	20.12
236.00	29.50	31.41
0.00	0.00	0.00

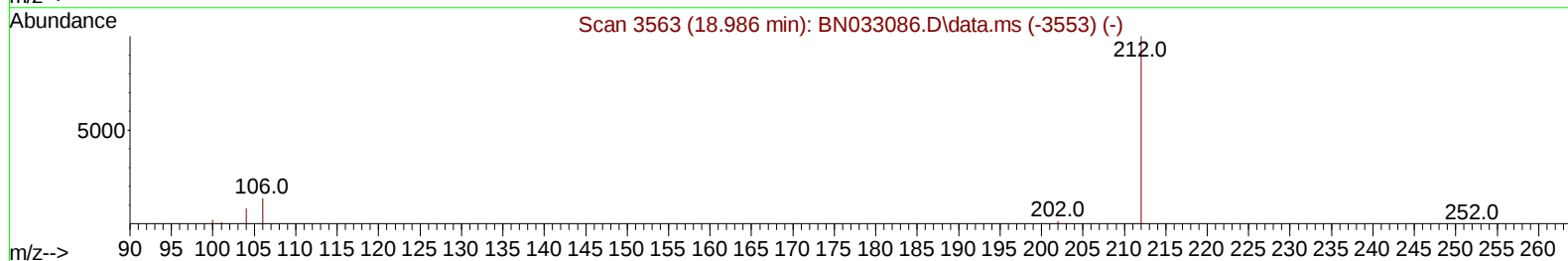
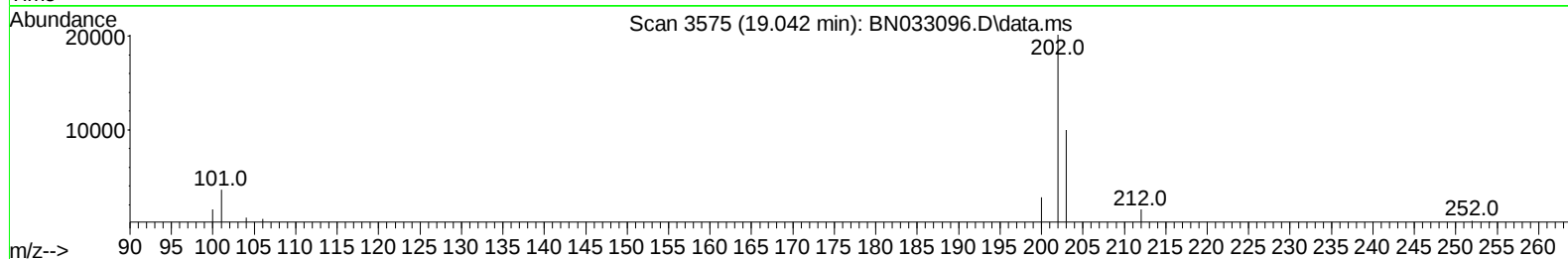
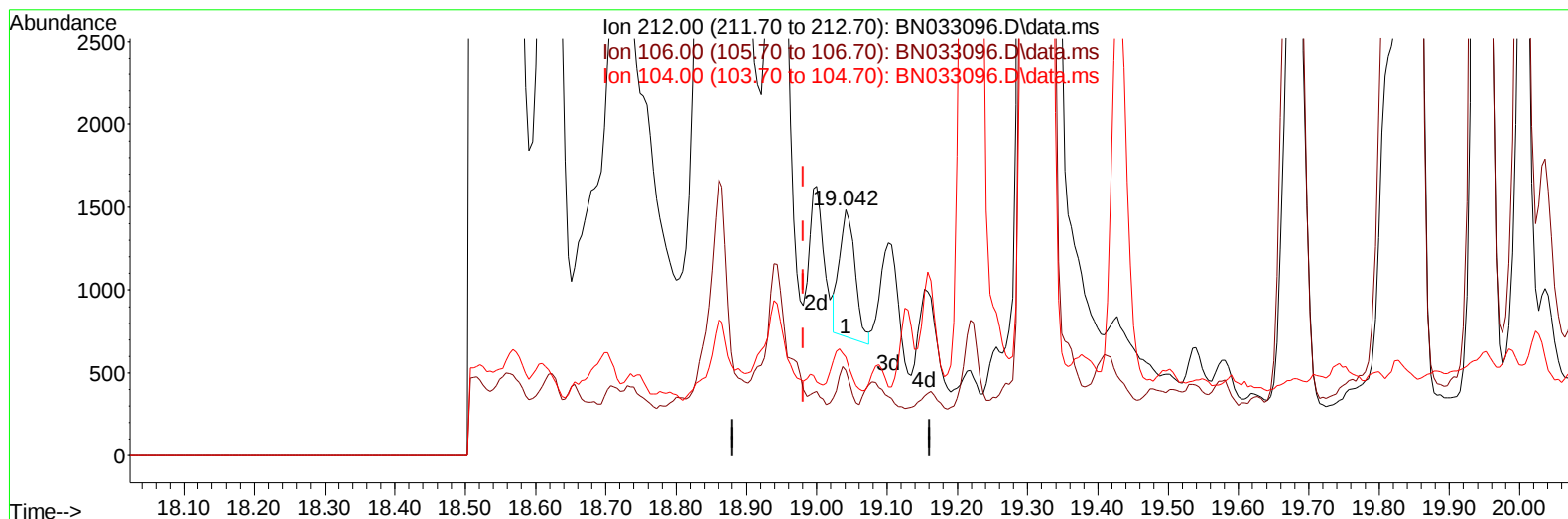
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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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TIC: BN033096.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.042min (+ 0.060) 0.04 ng/u1

response 1175

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	23.74#
104.00	9.00	0.00#
0.00	0.00	0.00

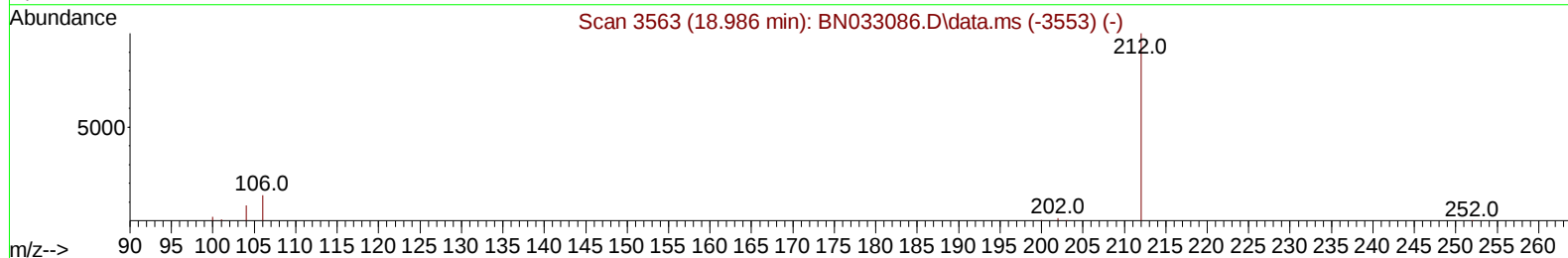
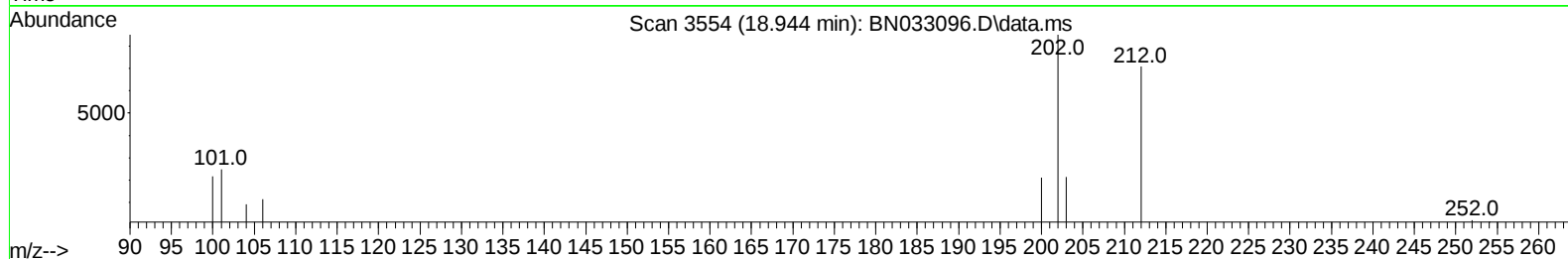
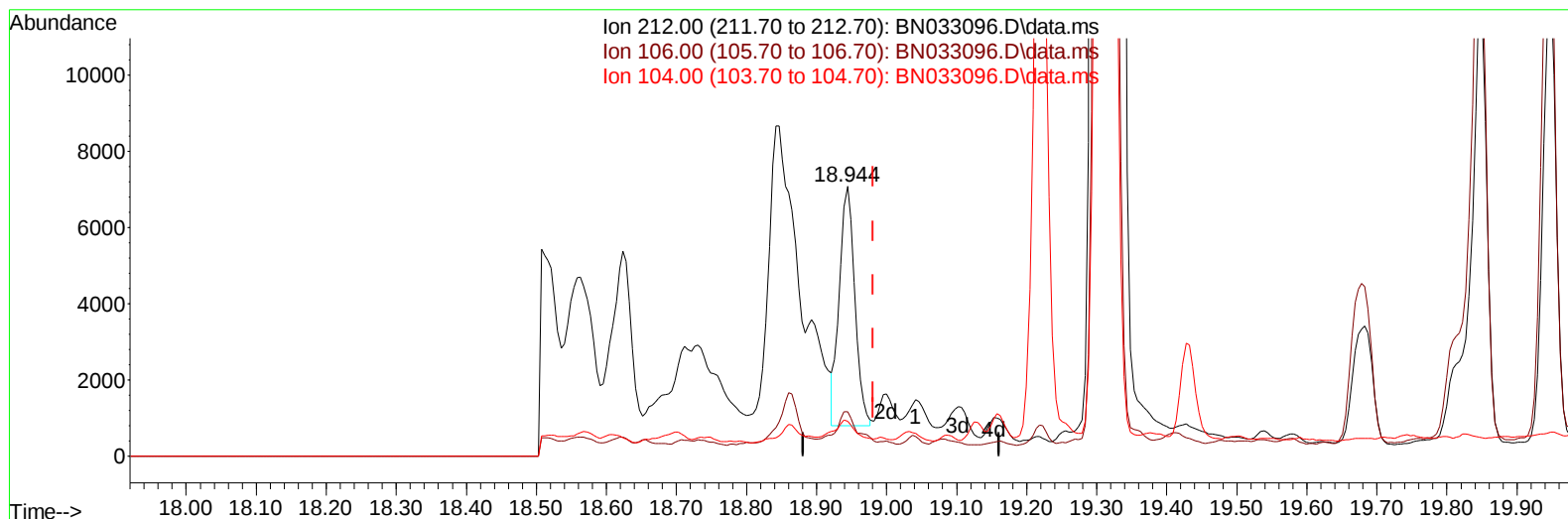
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
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TIC: BN033096.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.944min (-0.037) 0.29 ng/u1 m

response 9577

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	2.91#
104.00	9.00	0.00#
0.00	0.00	0.00

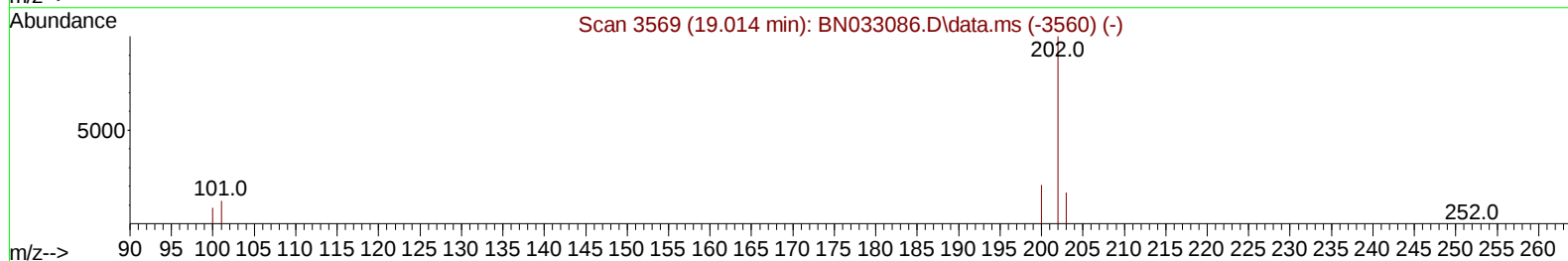
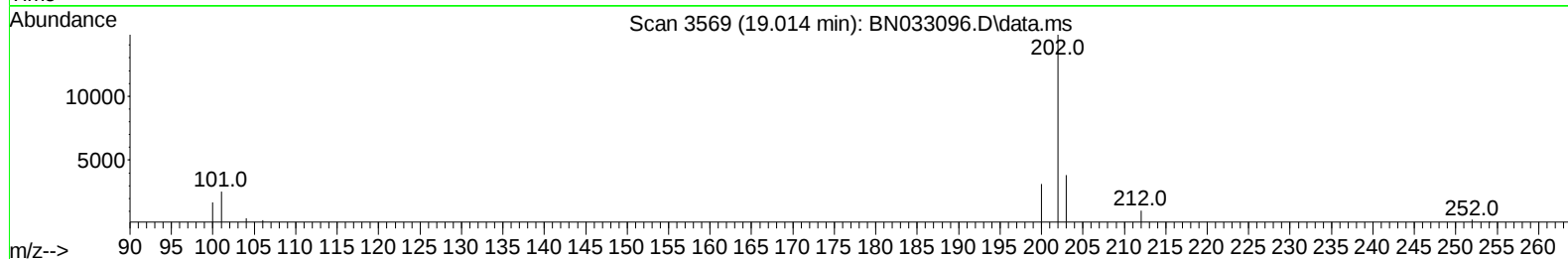
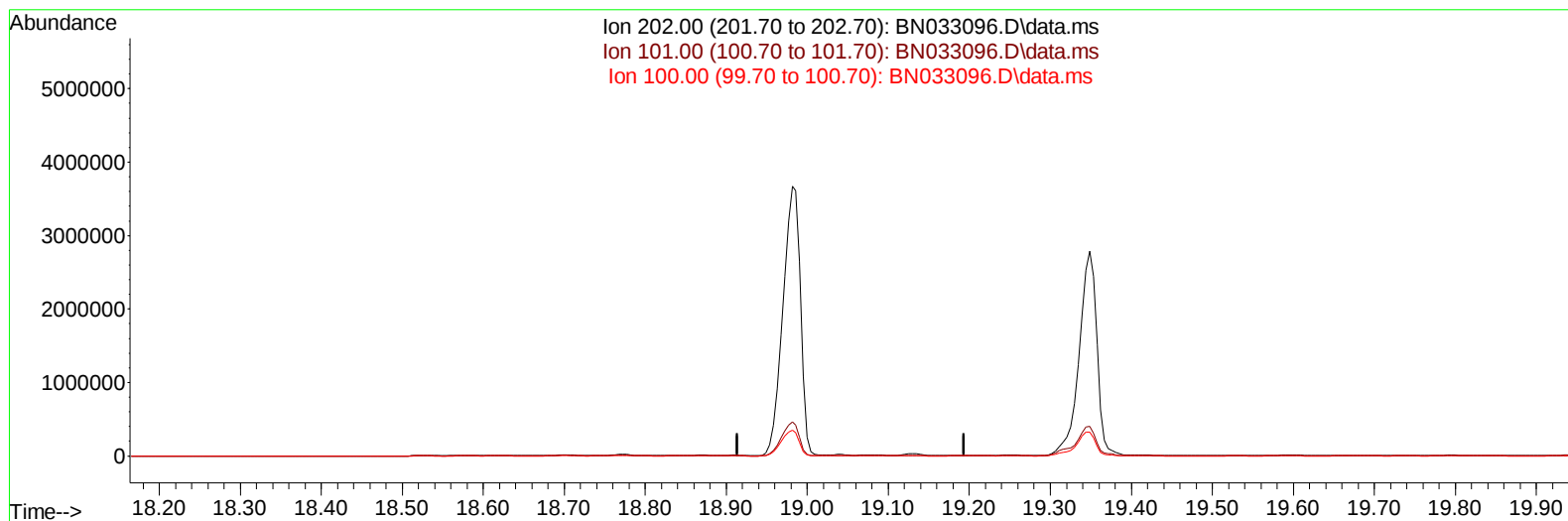
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(19) Fluoranthene (C)

19.014min (-19.014) 0.00 ng/u1

response 0

Ion	Exp%	Act%
202.00	100.00	0.00
101.00	13.40	0.00#
100.00	10.40	0.00#
0.00	0.00	0.00

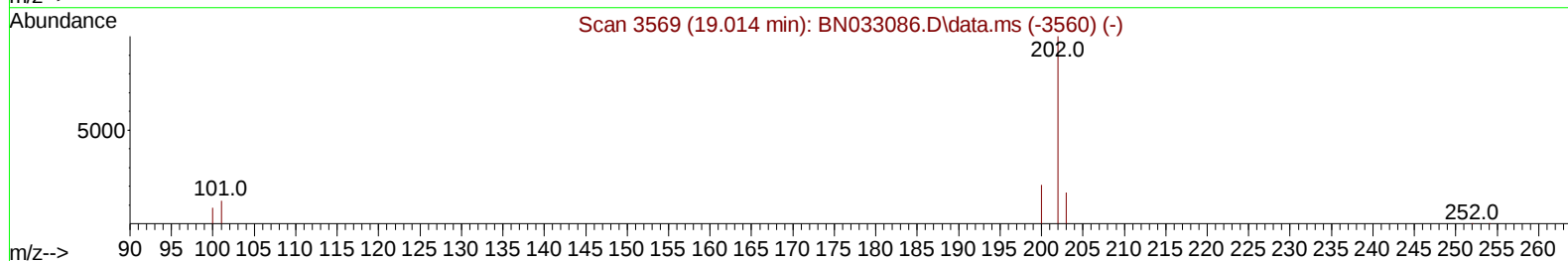
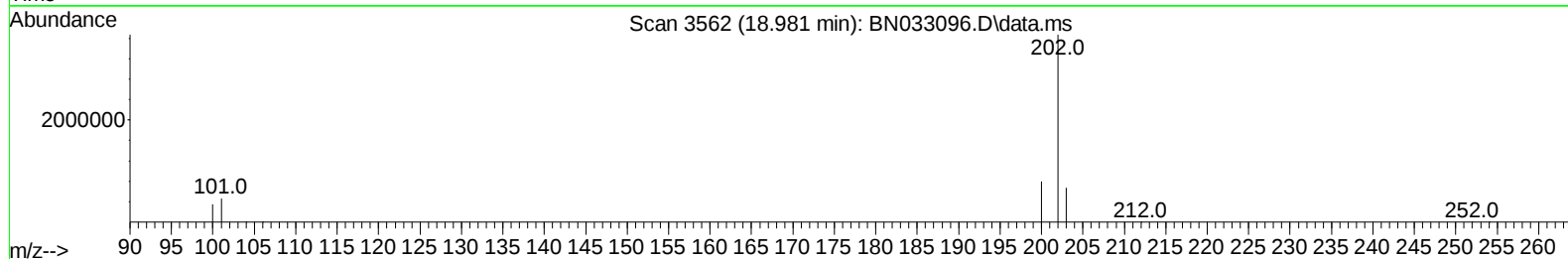
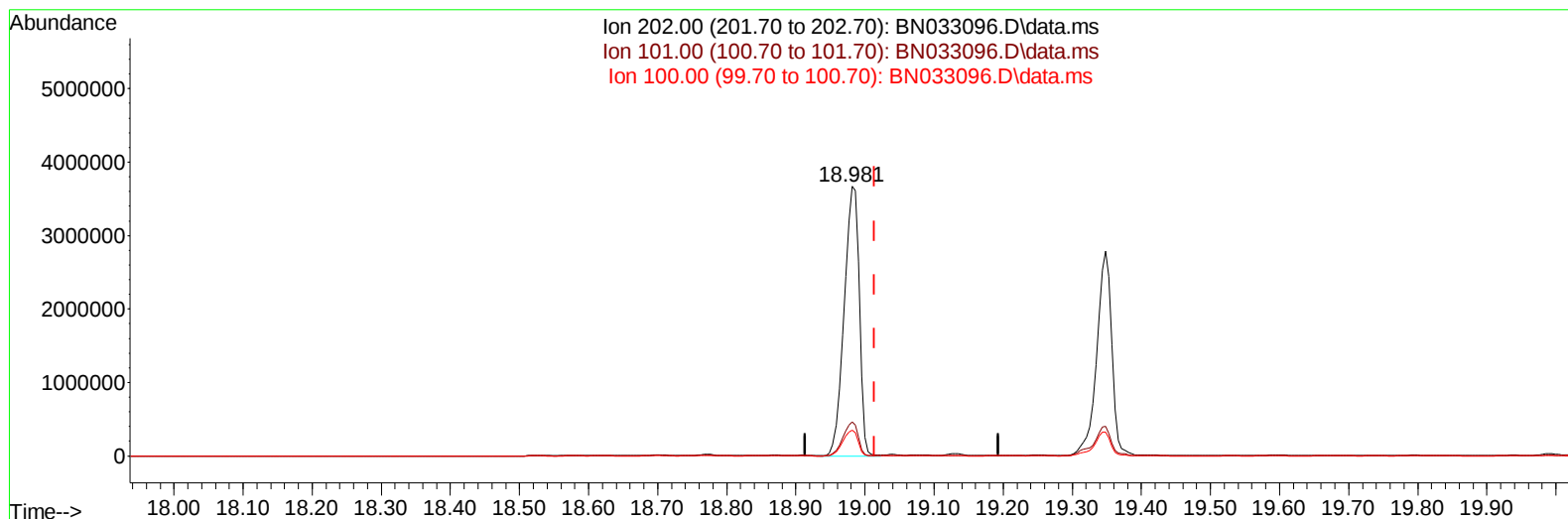
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(19) Fluoranthene (C)

18.981min (-0.033) 145.97 ng/ul m

response 5641831

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.58
100.00	10.40	9.63
0.00	0.00	0.00

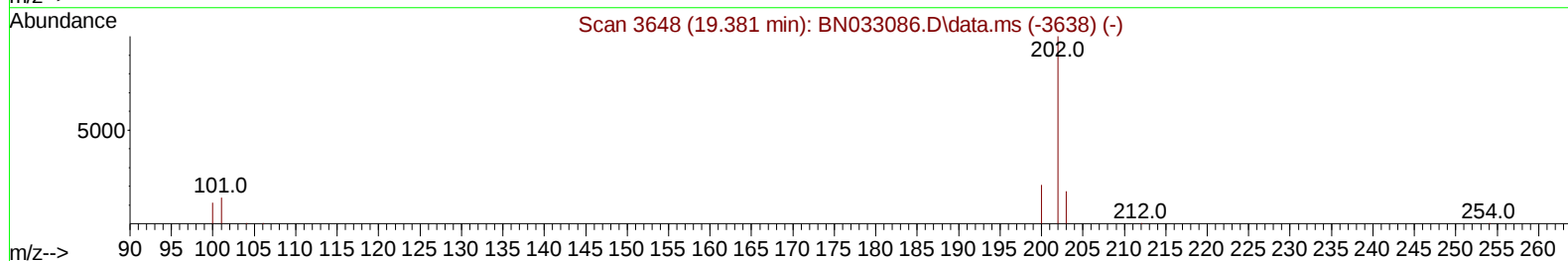
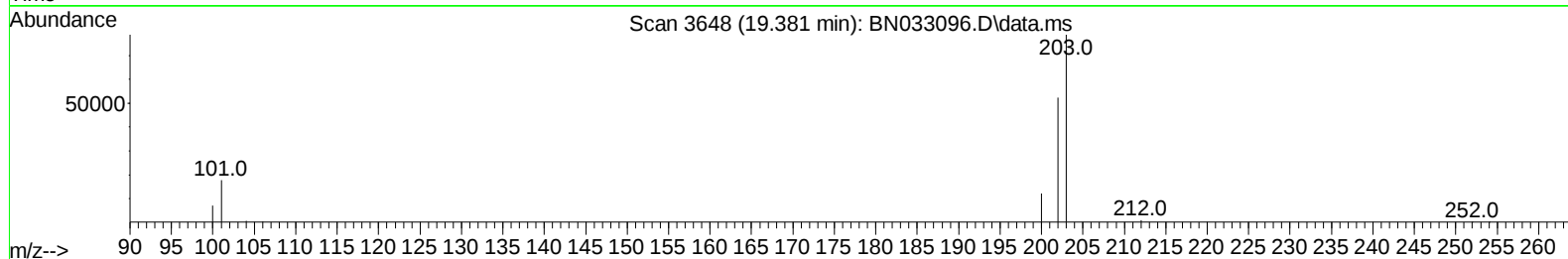
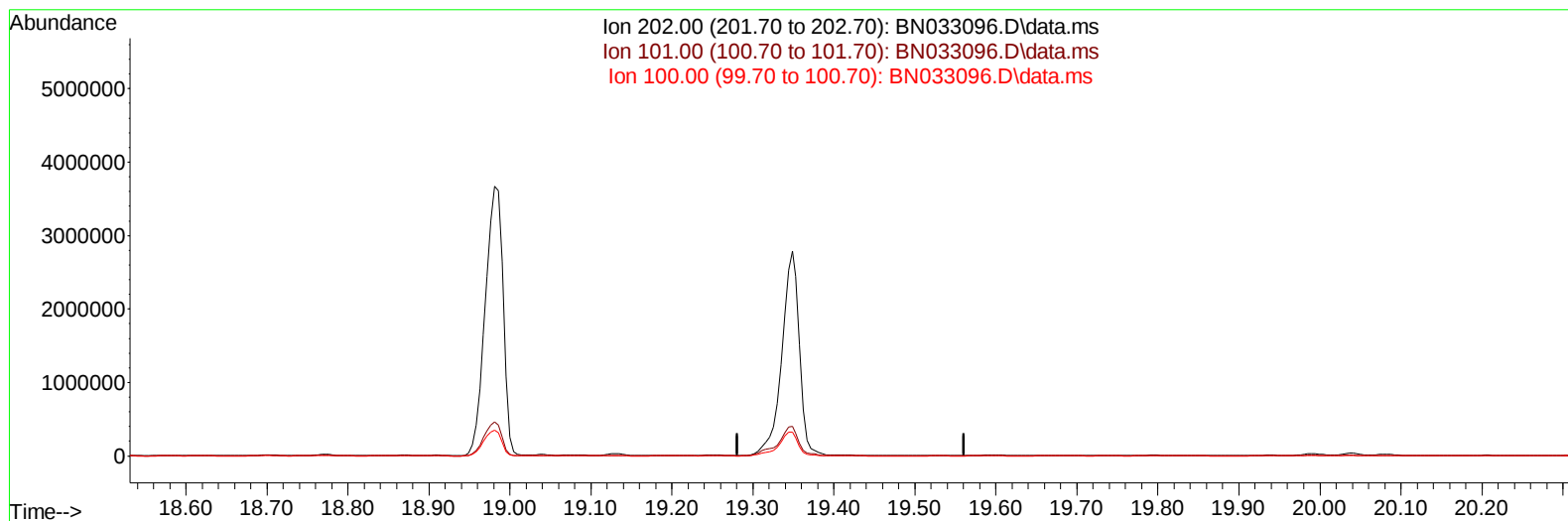
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(20) Pyrene

19.381min (-19.381) 0.00 ng/u1

response 0

Ion	Exp%	Act%
202.00	100.00	0.00
101.00	15.70	0.00#
100.00	12.40	0.00#
0.00	0.00	0.00

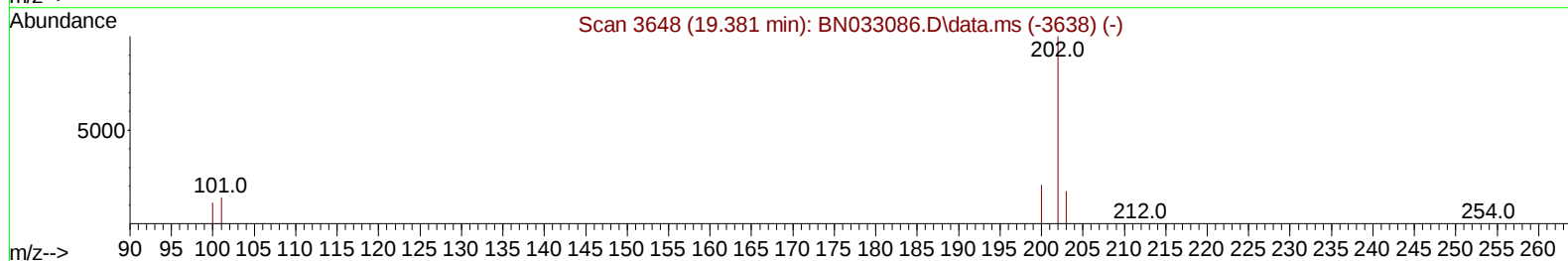
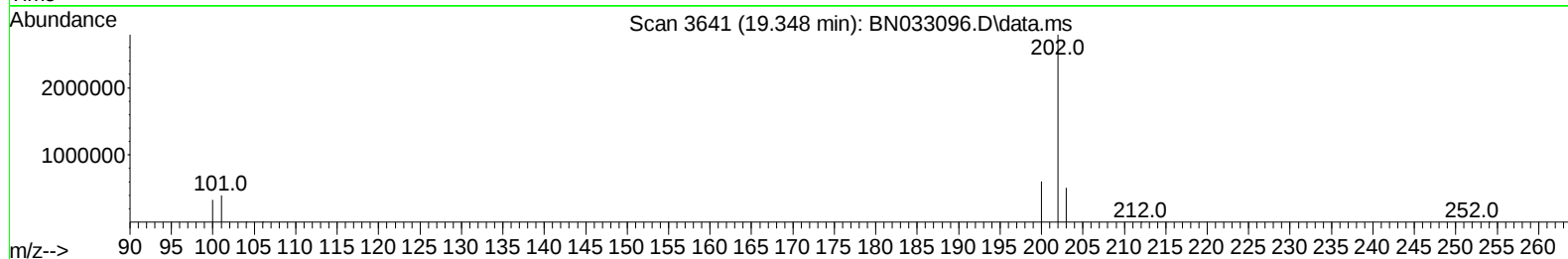
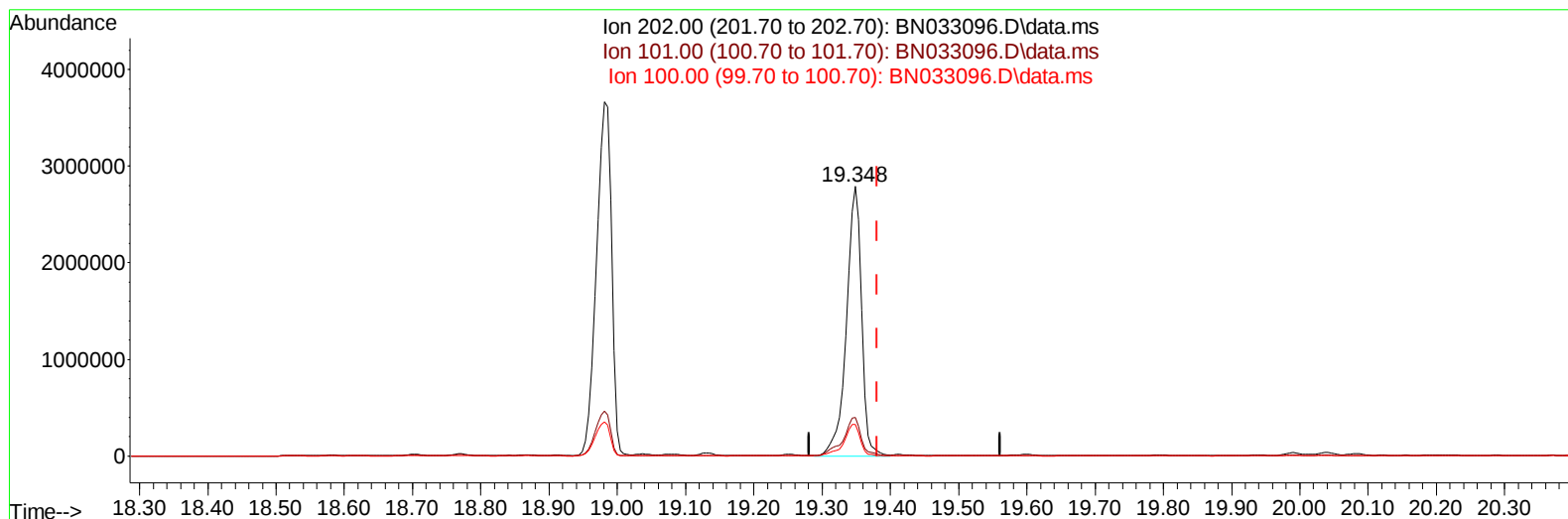
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(20) Pyrene

19.348min (-0.033) 103.37 ng/ul m

response 4284572

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	14.39
100.00	12.40	11.76
0.00	0.00	0.00

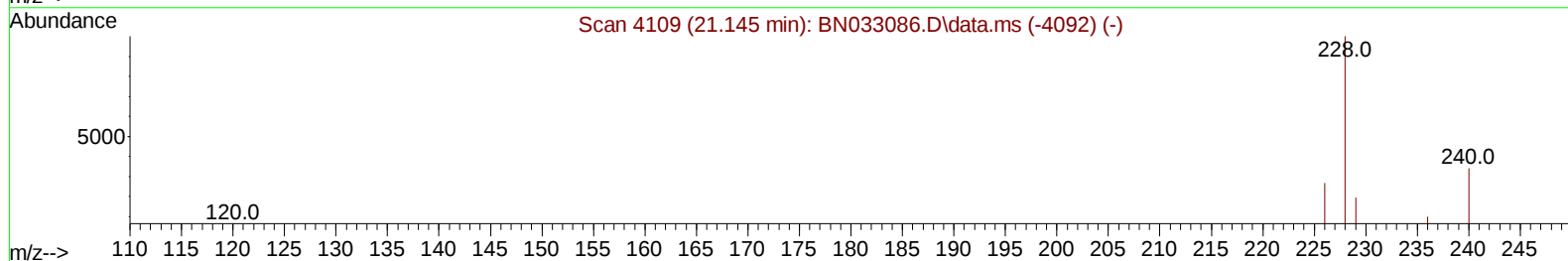
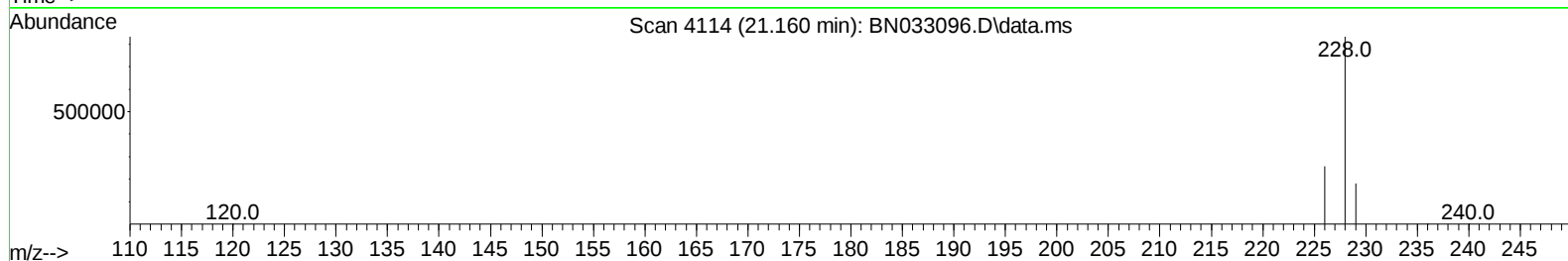
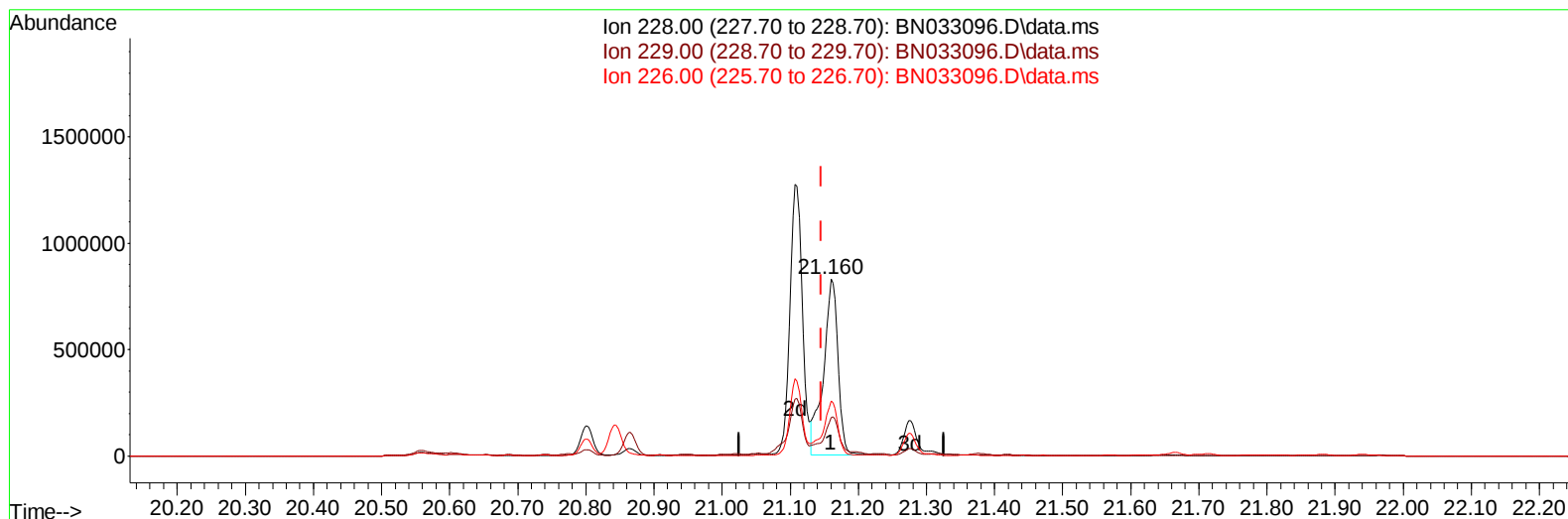
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(21) Benzo(a)anthracene

21.160min (+ 0.015) 30.71 ng/u1

response 1229719

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	21.68
226.00	28.00	31.00
0.00	0.00	0.00

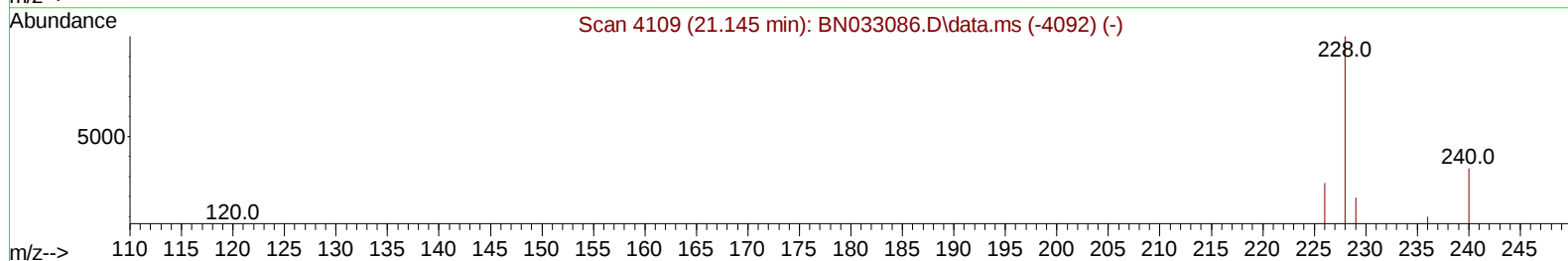
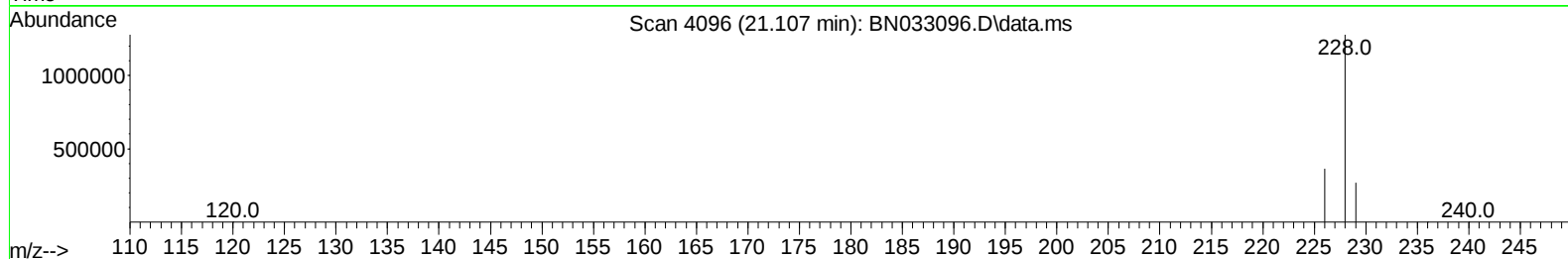
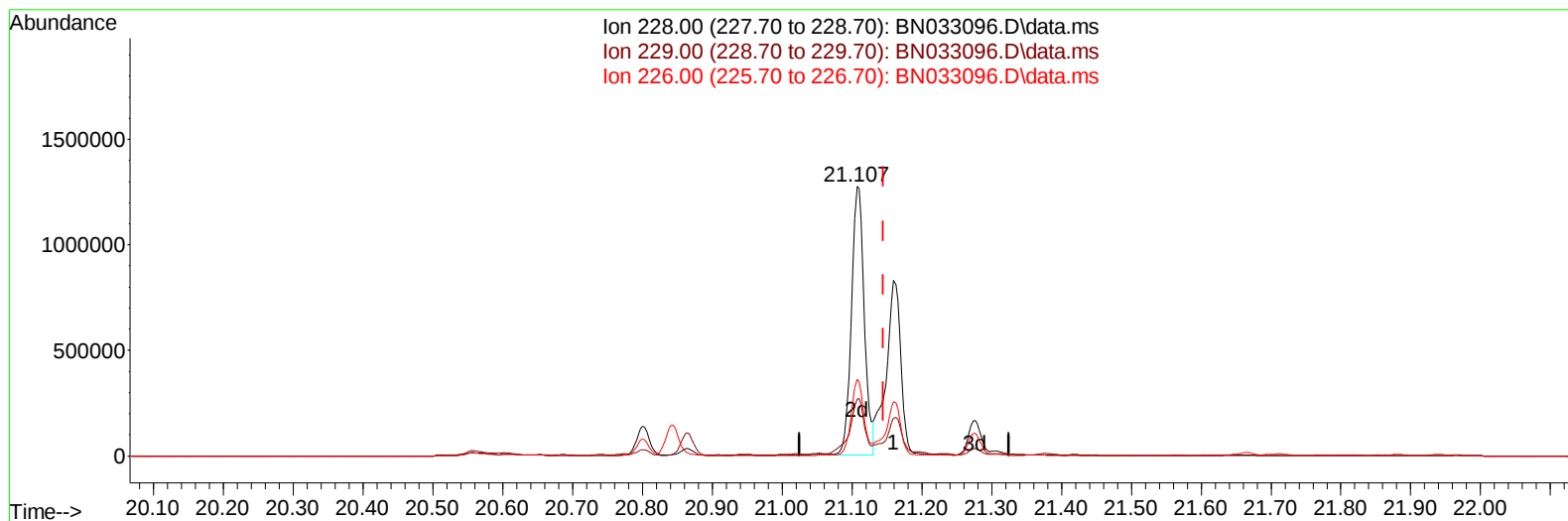
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(21) Benzo(a)anthracene

21.107min (-0.038) 40.69 ng/ul m

response 1629252

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	21.04
226.00	28.00	28.38
0.00	0.00	0.00

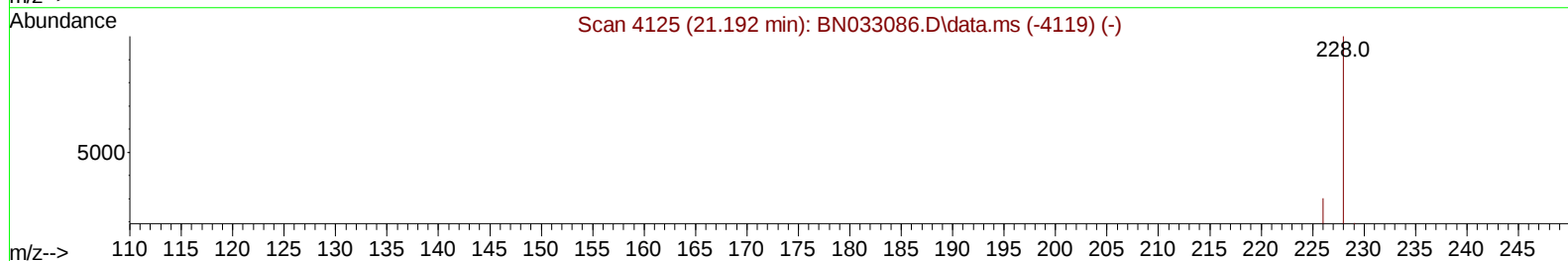
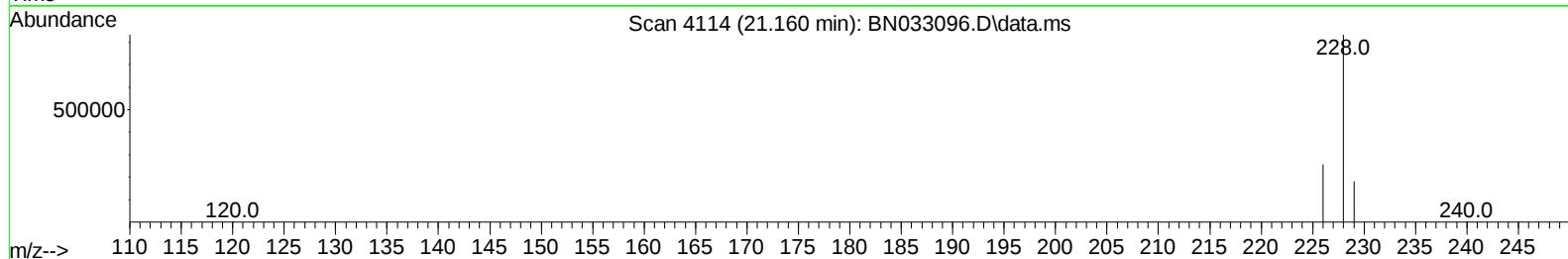
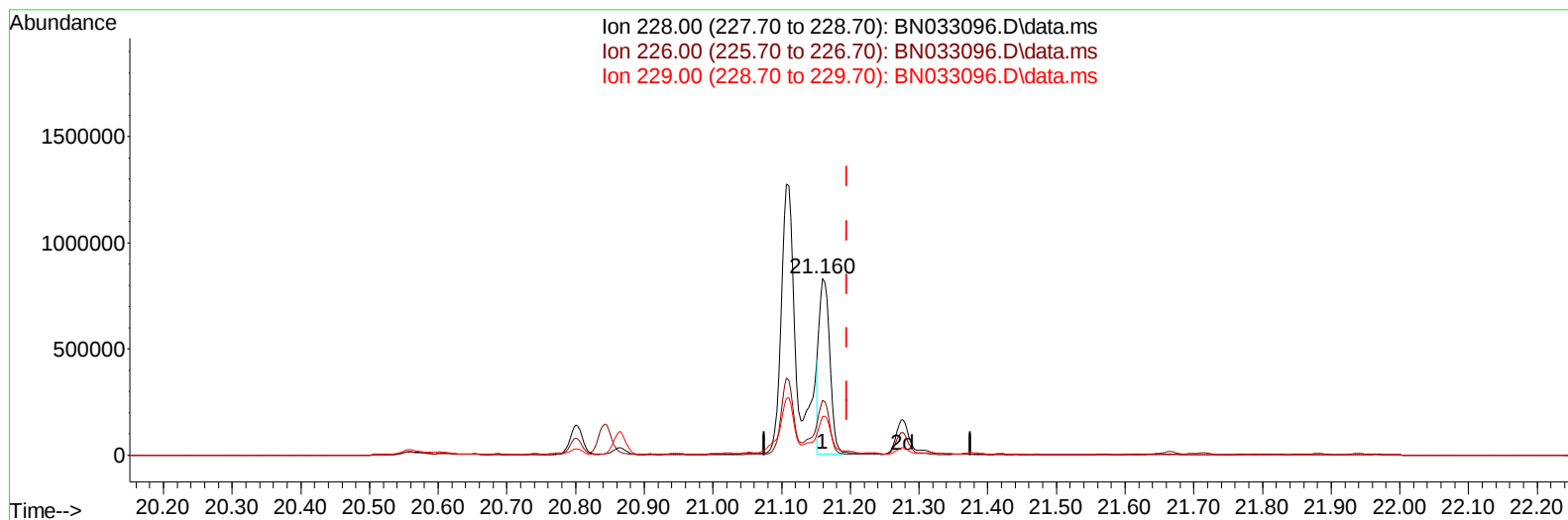
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(22) Chrysene

21.160min (-0.035) 19.25 ng/u1

response 899581

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	31.00
229.00	21.30	21.68
0.00	0.00	0.00

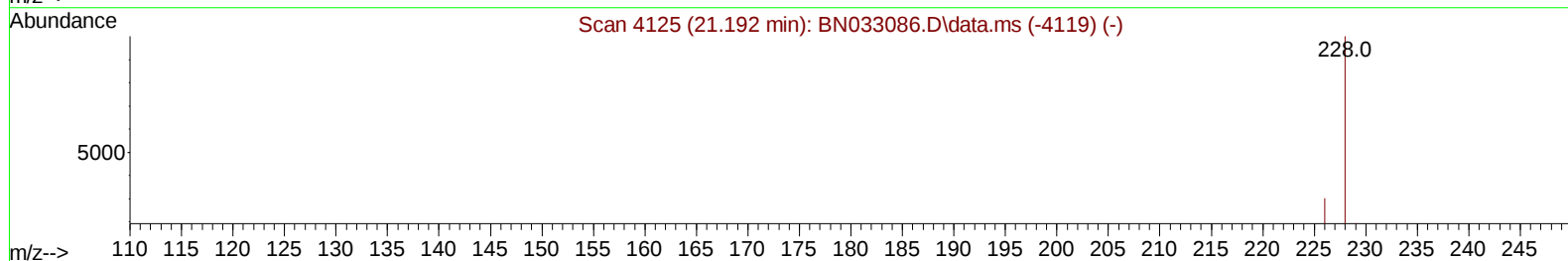
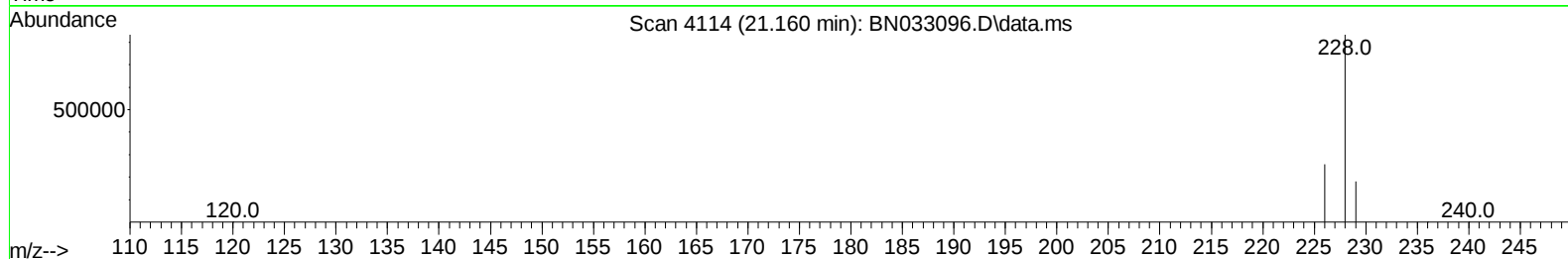
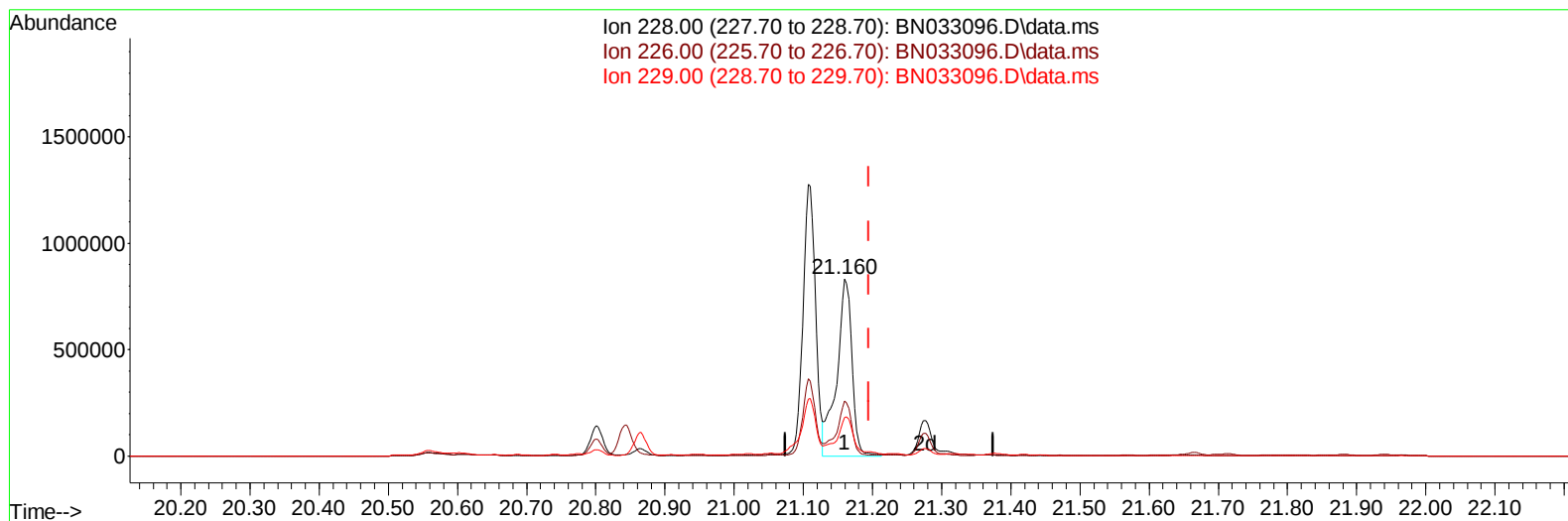
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(22) Chrysene

21.160min (-0.035) 27.36 ng/ul m

response 1278389

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	31.00
229.00	21.30	21.68
0.00	0.00	0.00

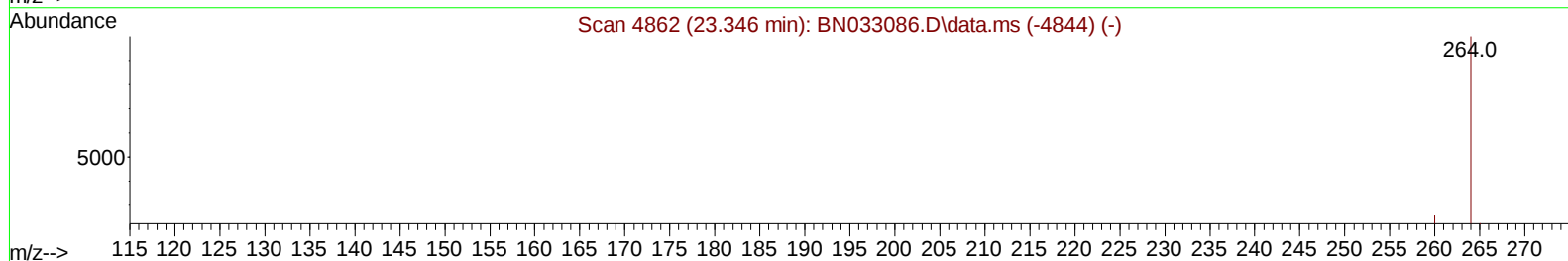
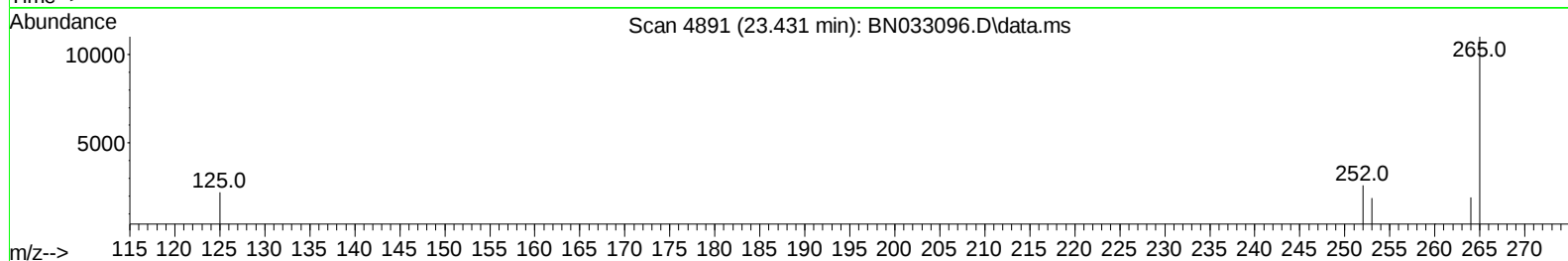
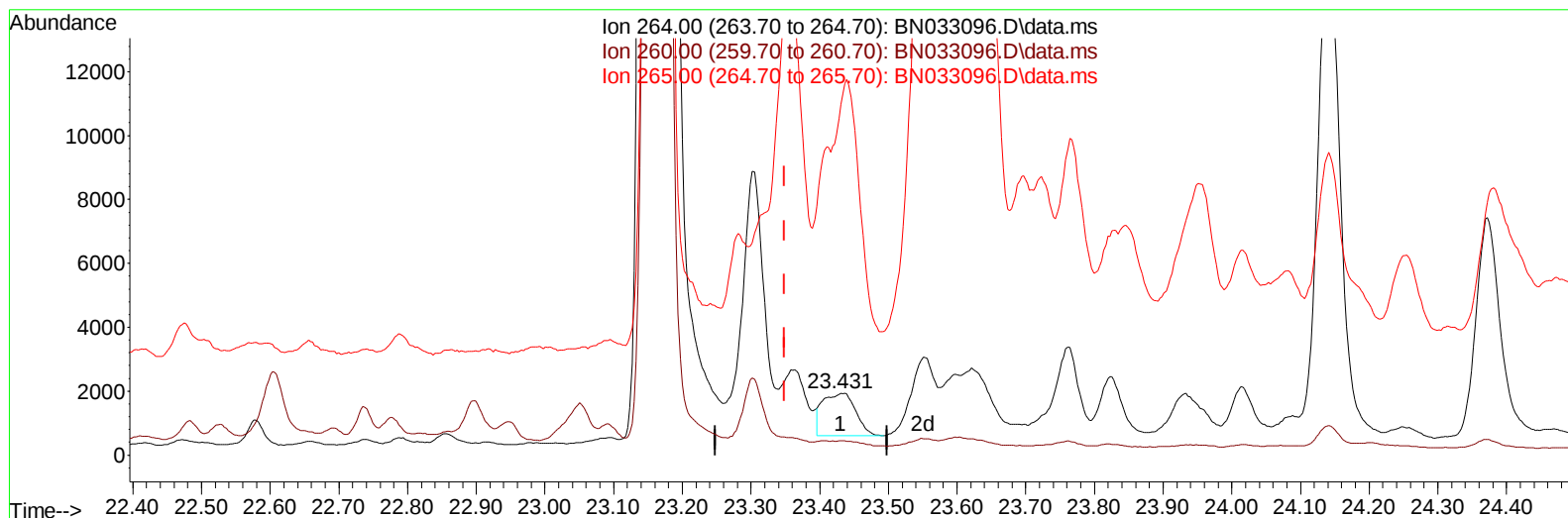
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033096.D
 Acq On : 30 Jul 2024 08:56
 Operator : MA/JU
 Sample : P3329-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(23) Perylene-d12 (I)

23.431min (+ 0.082) 0.40 ng/u1

response 4390

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	22.63
265.00	80.60	566.24#
0.00	0.00	0.00

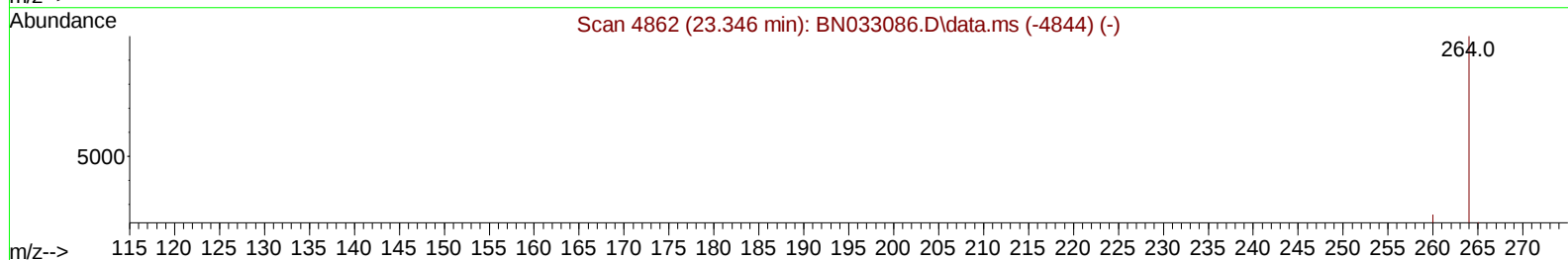
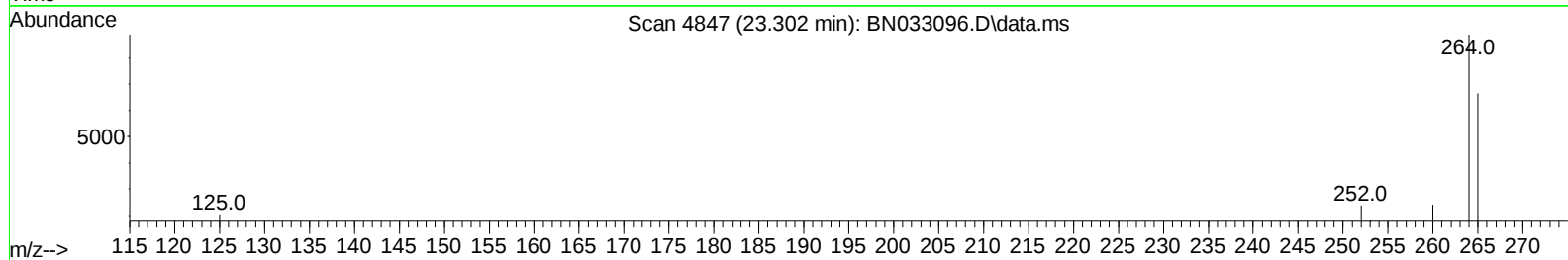
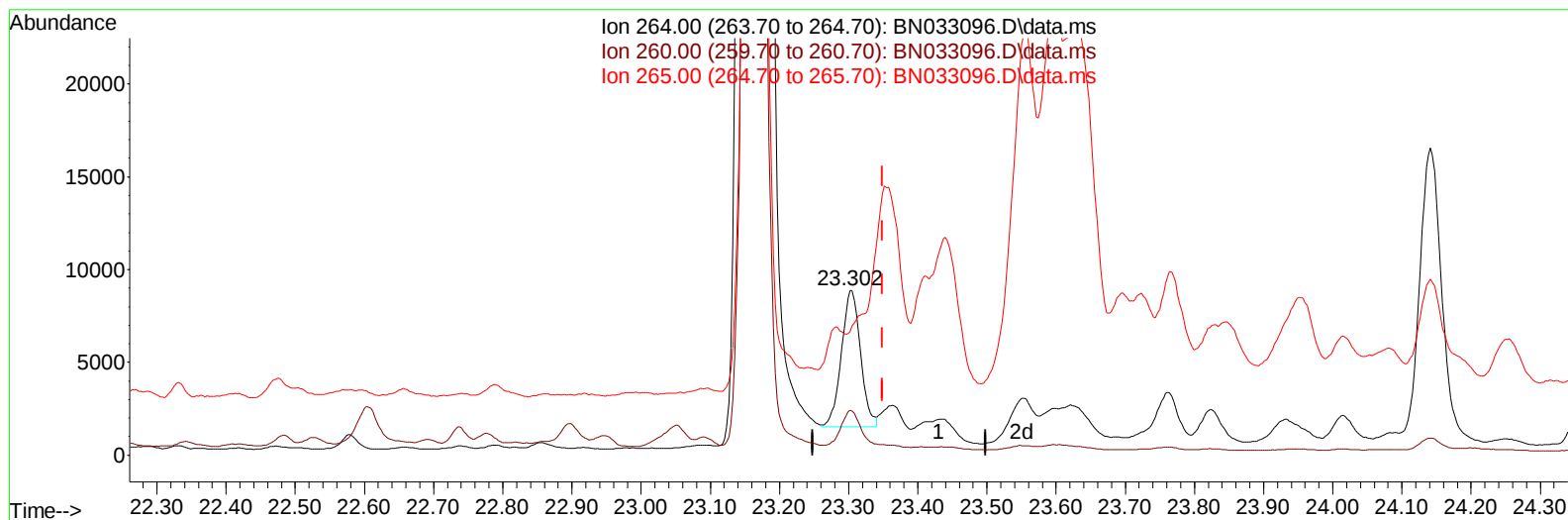
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(23) Perylene-d12 (I)

23.302min (-0.047) 0.40 ng/ul m

response 14162

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	27.11
265.00	80.60	74.83
0.00	0.00	0.00

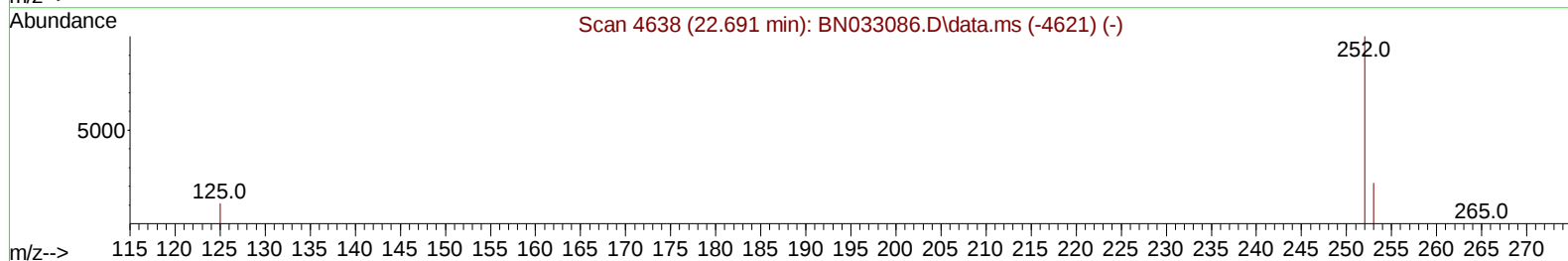
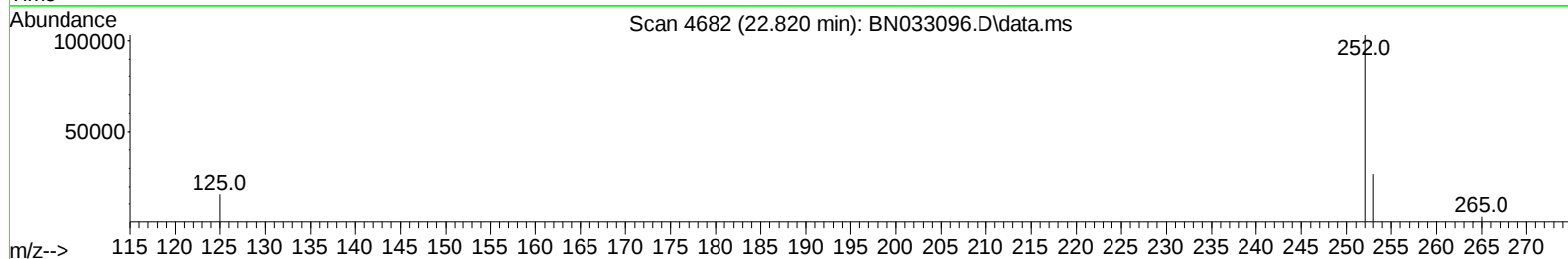
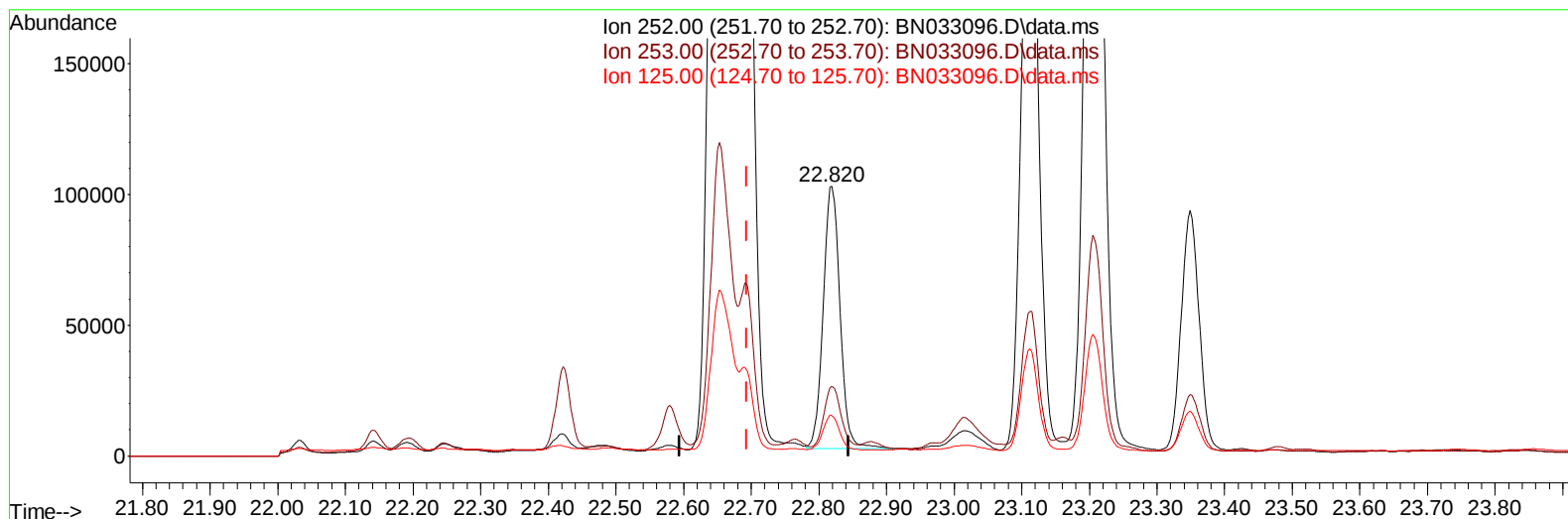
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(24) Benzo(b)fluoranthene

22.820min (+ 0.126) 4.20 ng/u1

response 173852

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	25.92
125.00	25.50	14.93
0.00	0.00	0.00

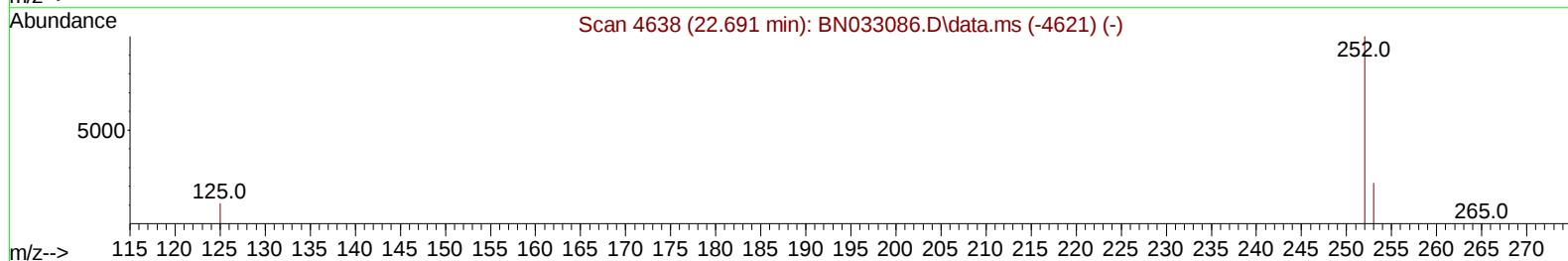
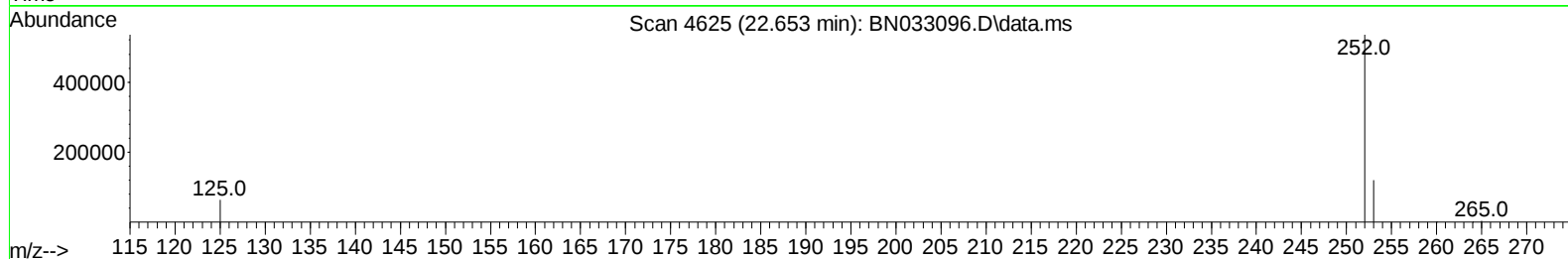
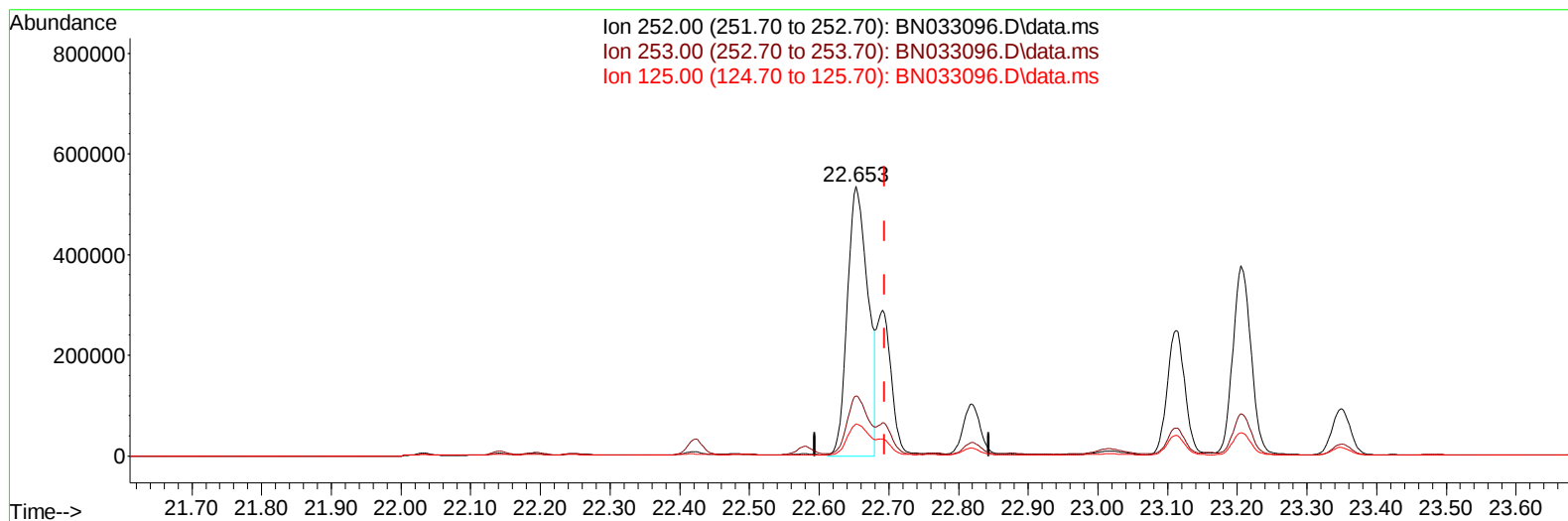
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
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TIC: BN033096.D\data.ms

(24) Benzo(b)fluoranthene

22.653min (-0.041) 26.56 ng/ul m

response 1098588

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	22.38
125.00	25.50	11.85
0.00	0.00	0.00

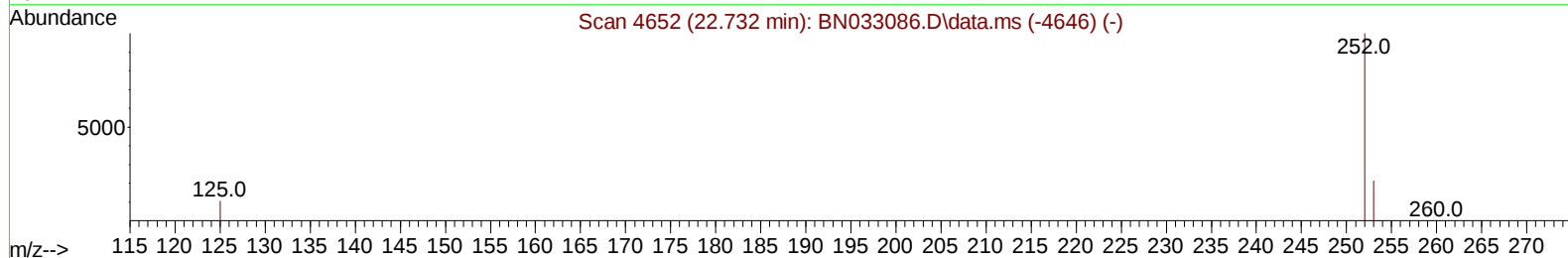
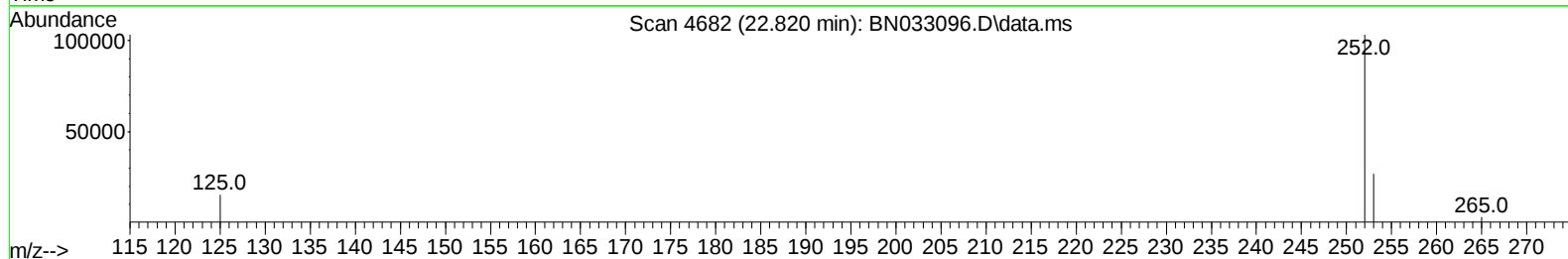
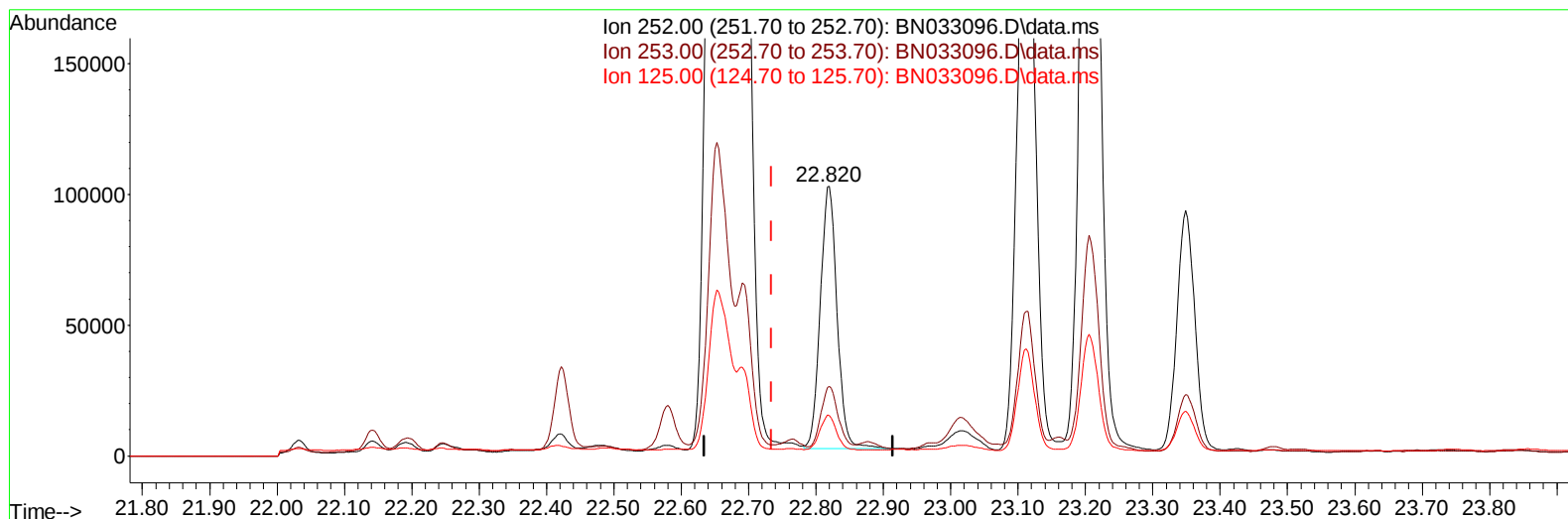
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(25) Benzo(k)fluoranthene

22.820min (+ 0.085) 3.51 ng/u1

response 174032

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	25.92
125.00	26.10	14.93#
0.00	0.00	0.00

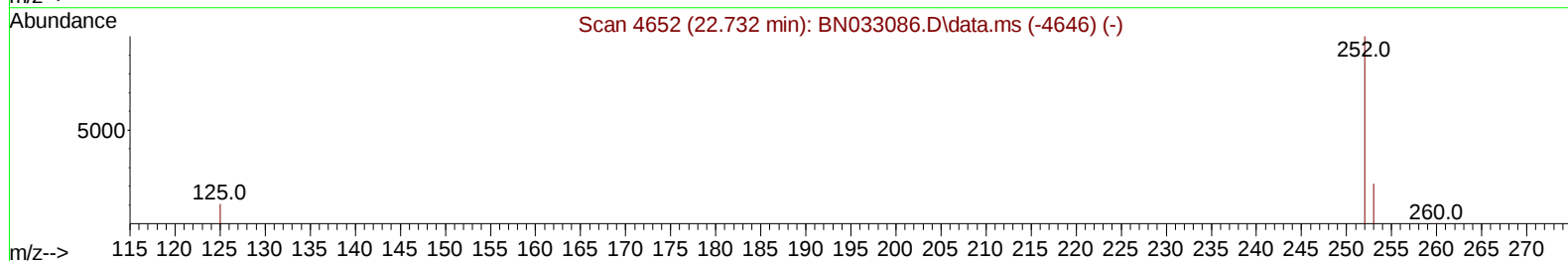
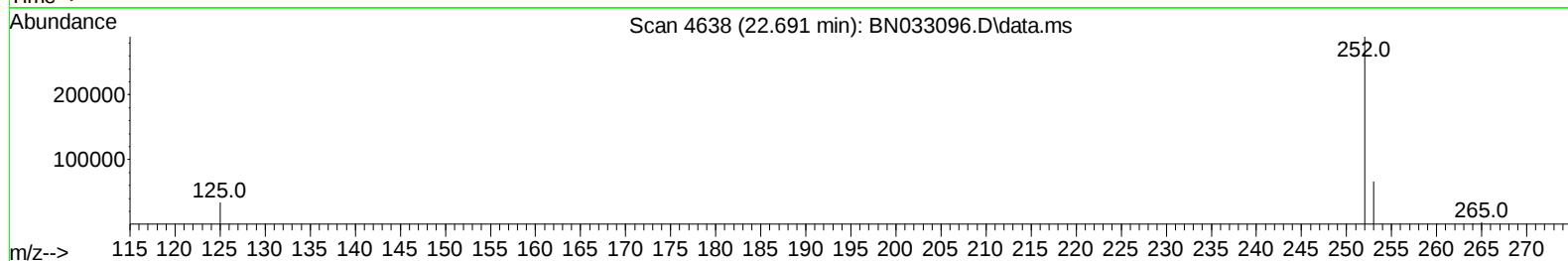
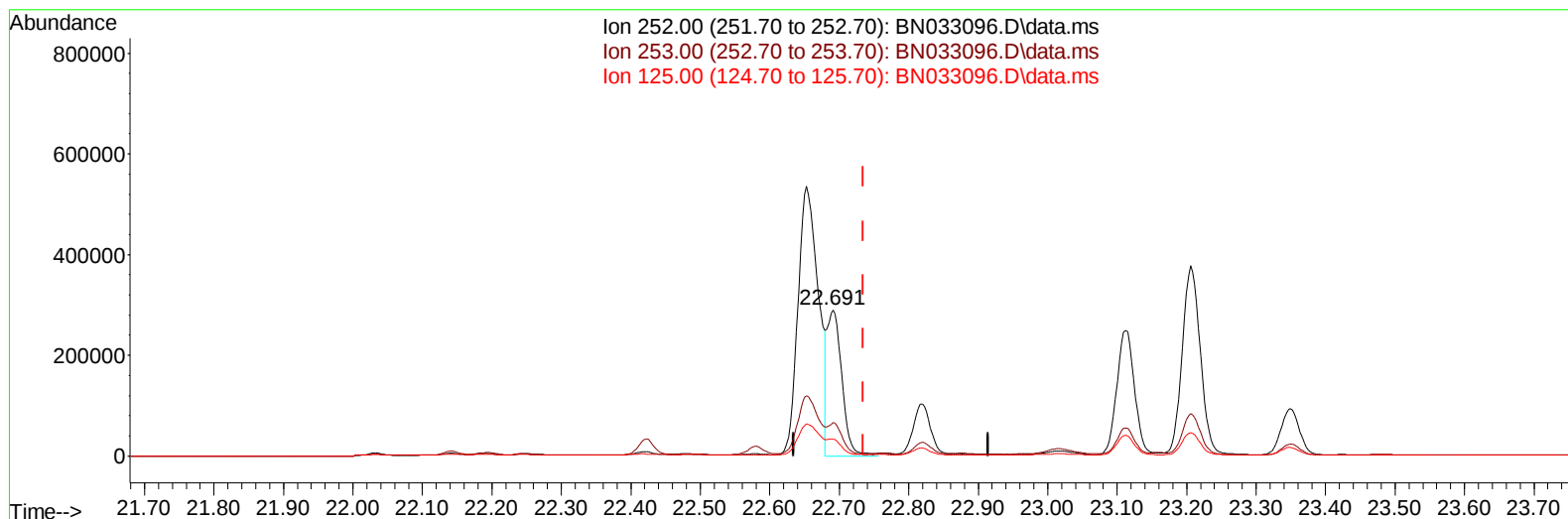
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(25) Benzo(k)fluoranthene

22.691min (-0.044) 8.67 ng/u1 m

response 429956

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	22.83#
125.00	26.10	11.73#
0.00	0.00	0.00

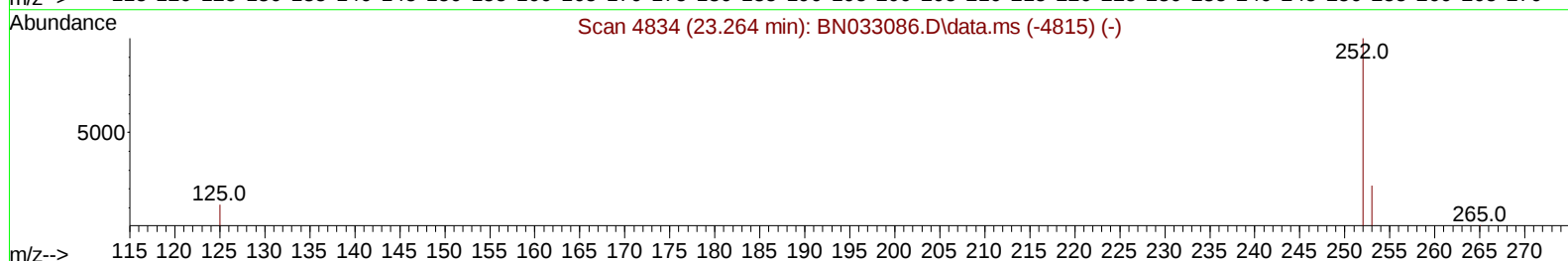
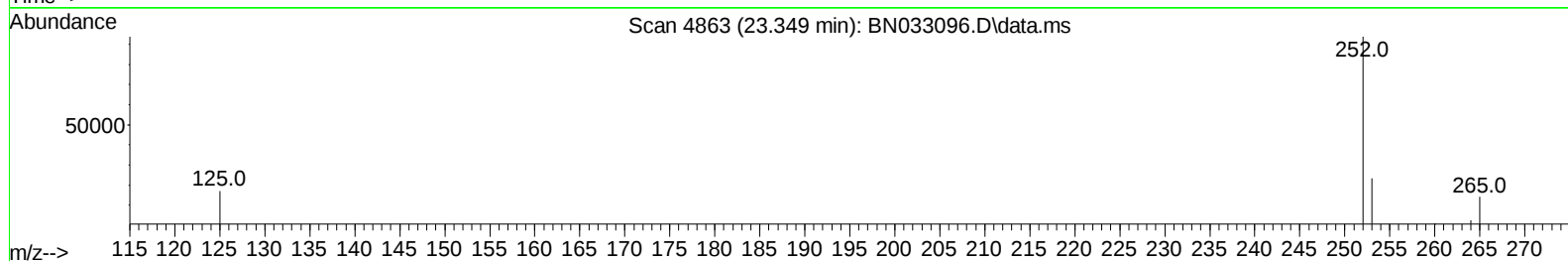
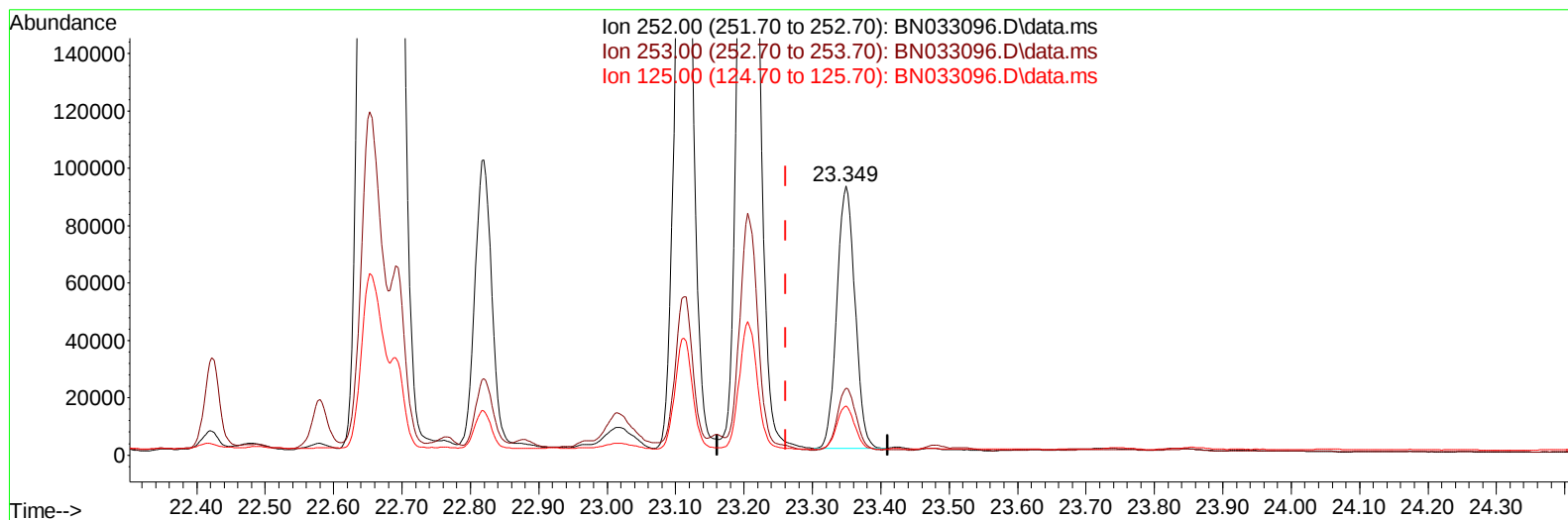
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(26) Benzo(a)pyrene (C)

23.349min (+ 0.088) 4.31 ng/u1

response 167814

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	24.96#
125.00	33.80	18.22#
0.00	0.00	0.00

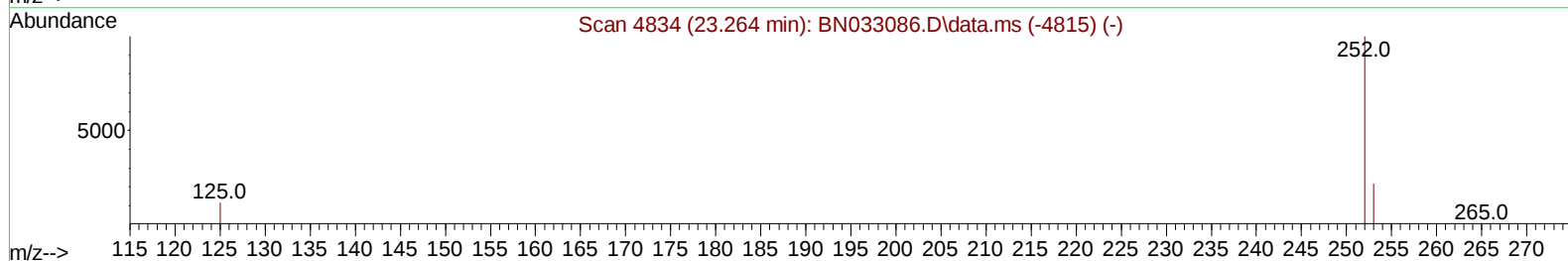
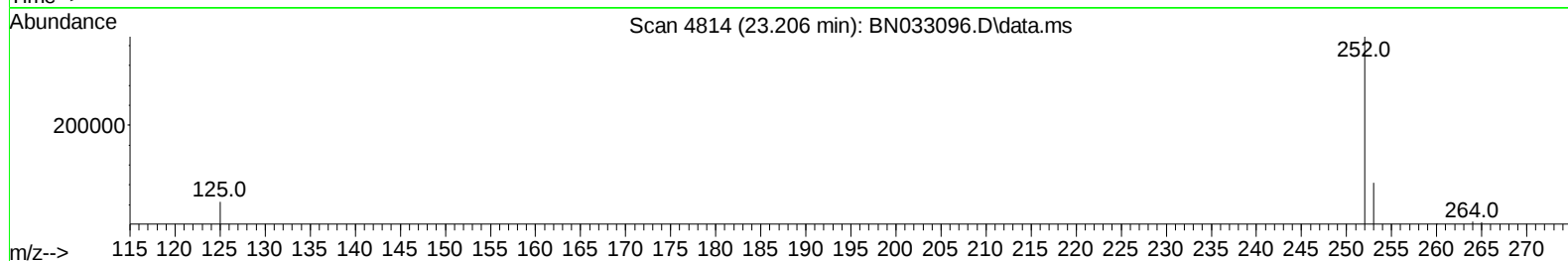
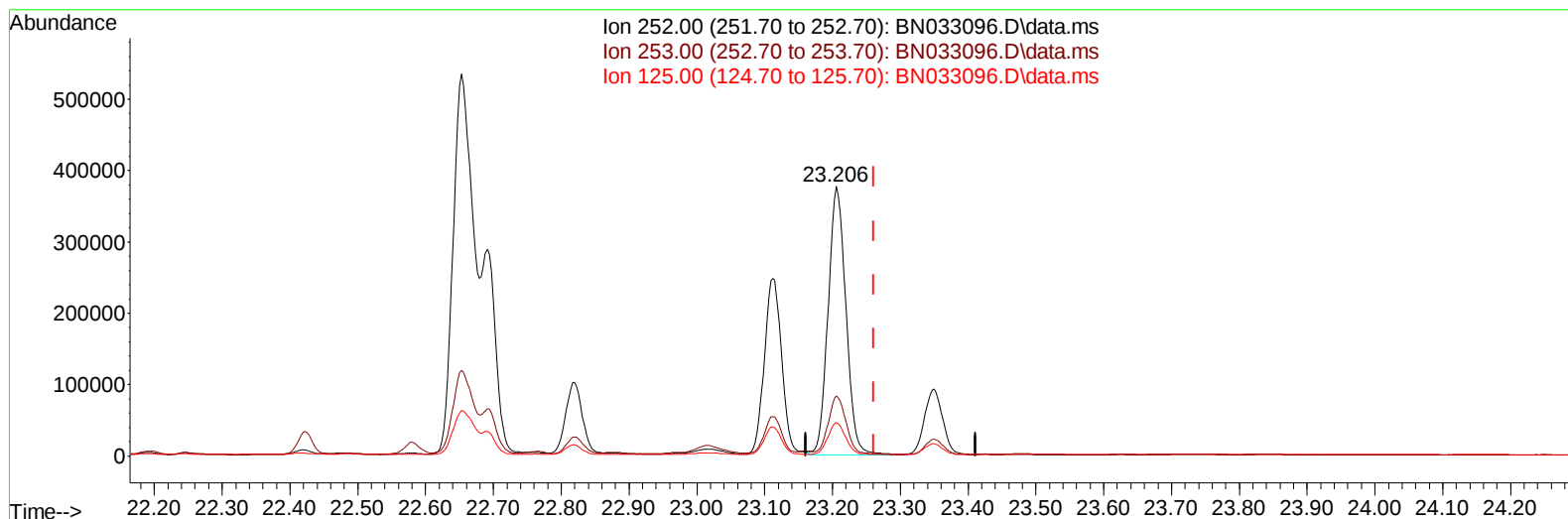
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(26) Benzo(a)pyrene (C)

23.206min (-0.056) 17.69 ng/u1 m

response 688640

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	22.36#
125.00	33.80	12.31#
0.00	0.00	0.00

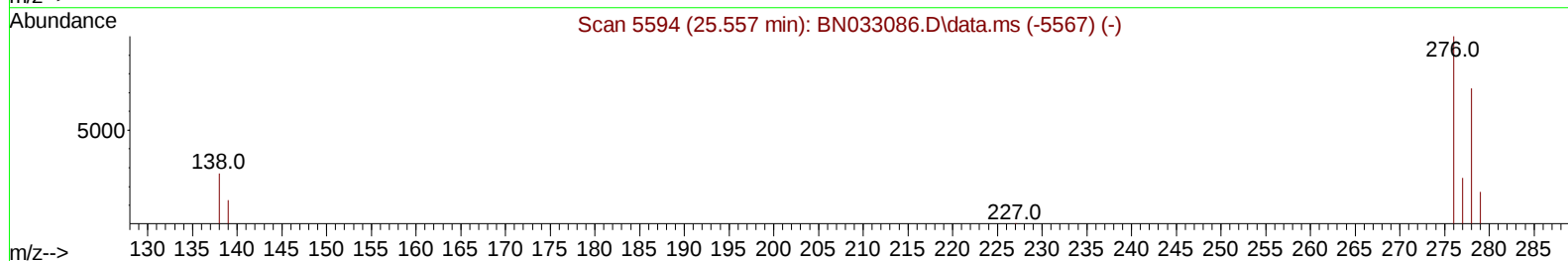
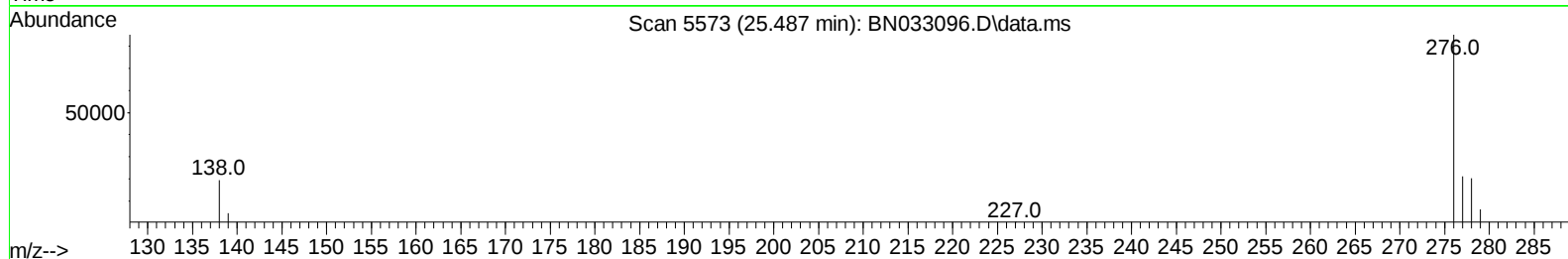
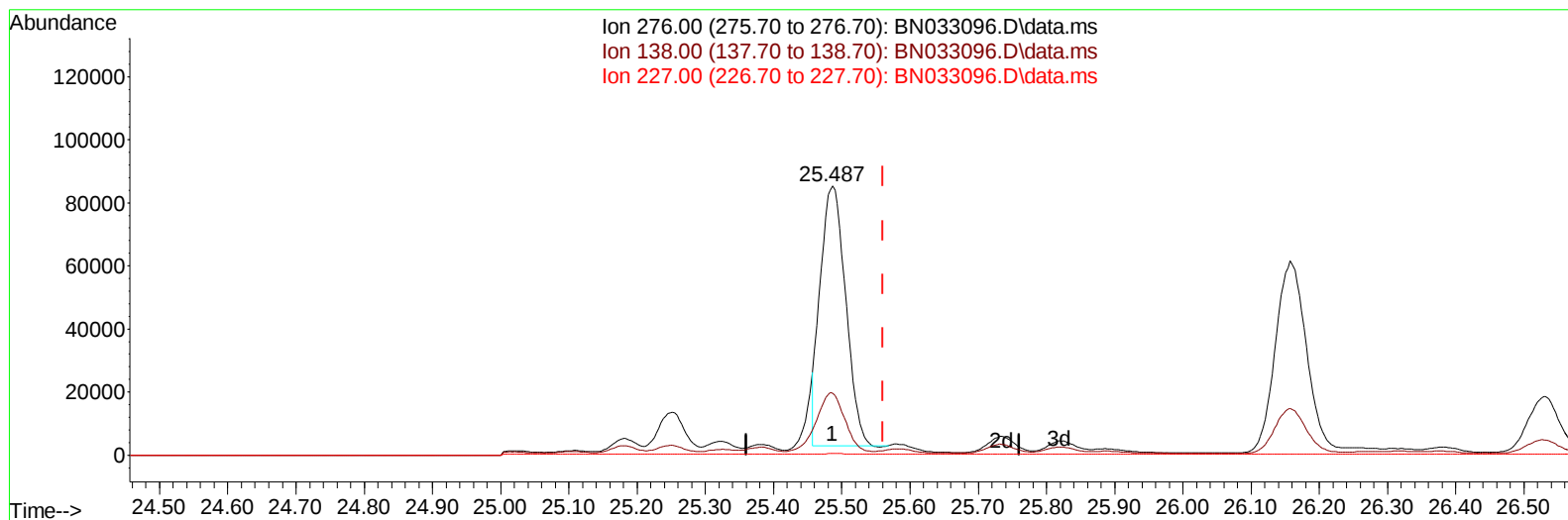
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 09:23:36 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



TIC: BN033096.D\data.ms

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

25.487min (-0.074) 3.61 ng/u1

response 213475

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.30	22.26
227.00	0.20	0.21
0.00	0.00	0.00

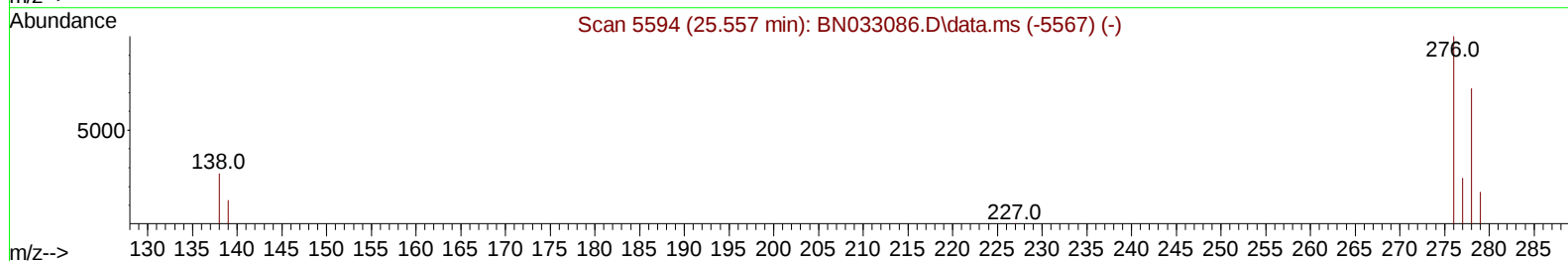
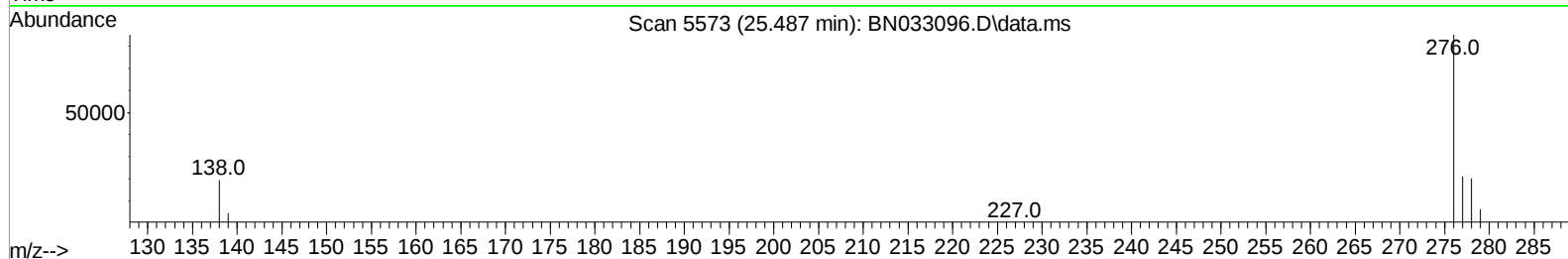
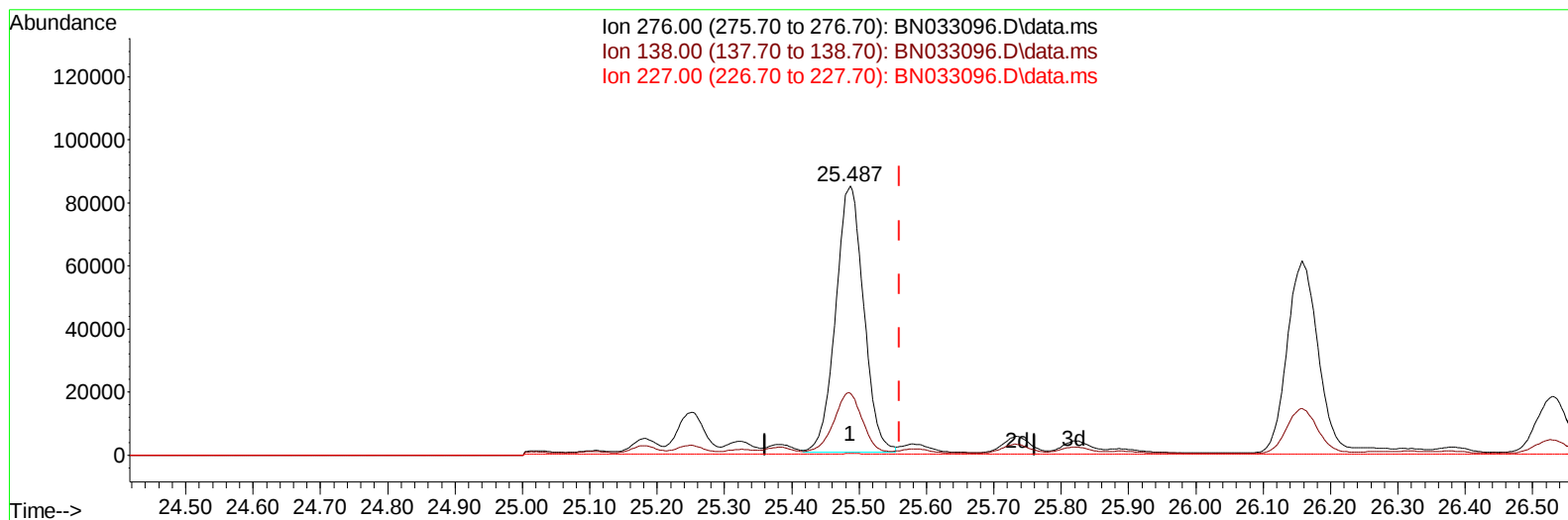
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

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

25.487min (-0.074) 4.11 ng/ul m

response 243046

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.30	19.56#
227.00	0.20	0.18
0.00	0.00	0.00

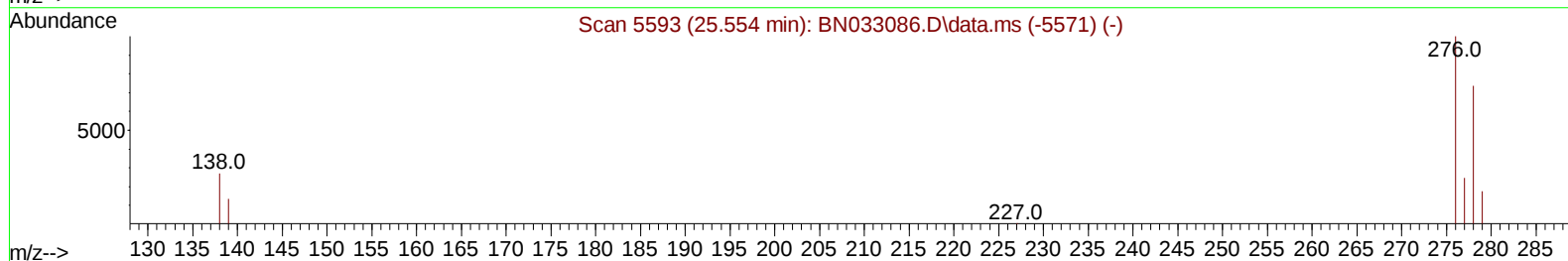
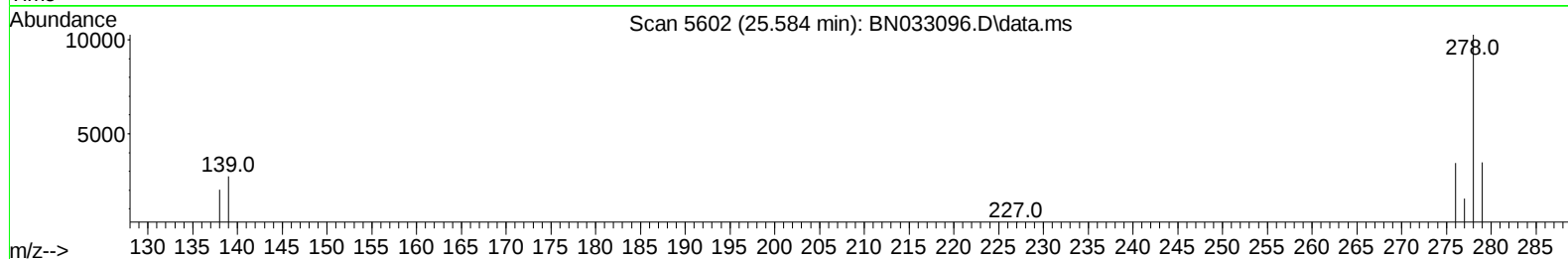
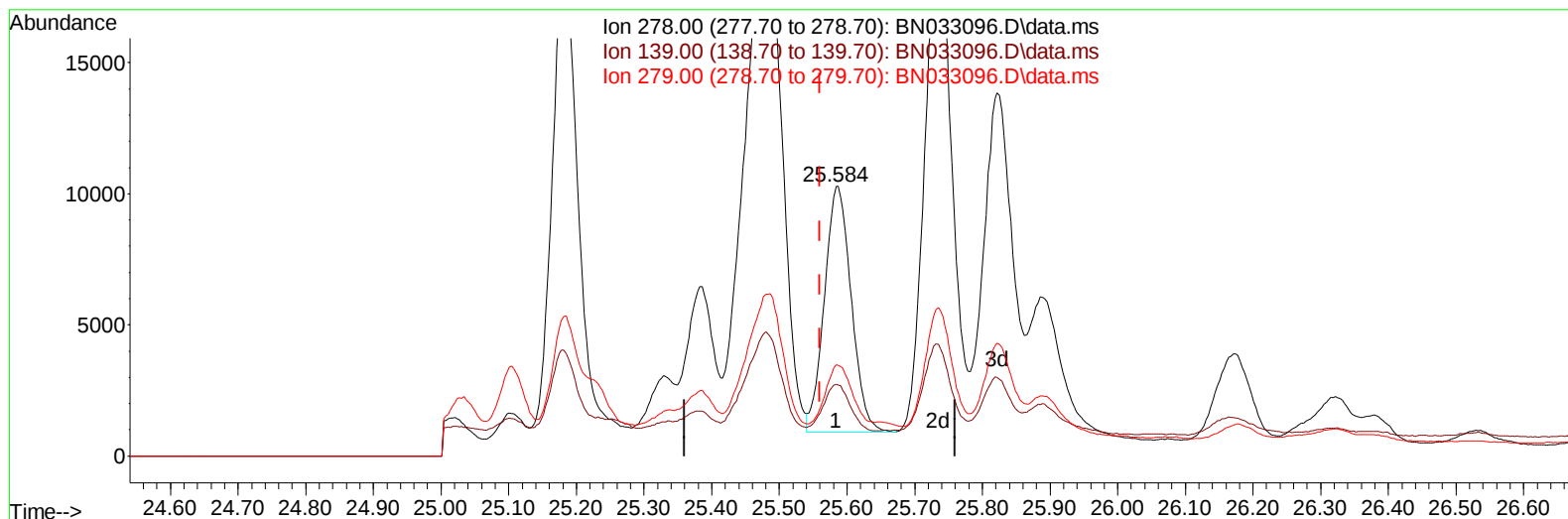
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033096.D
 Acq On : 30 Jul 2024 08:56
 Operator : MA/JU
 Sample : P3329-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(28) Dibenzo(a,h)anthracene

25.584min (+ 0.023) 0.55 ng/u1

response 25796

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	26.53
279.00	31.90	33.94
0.00	0.00	0.00

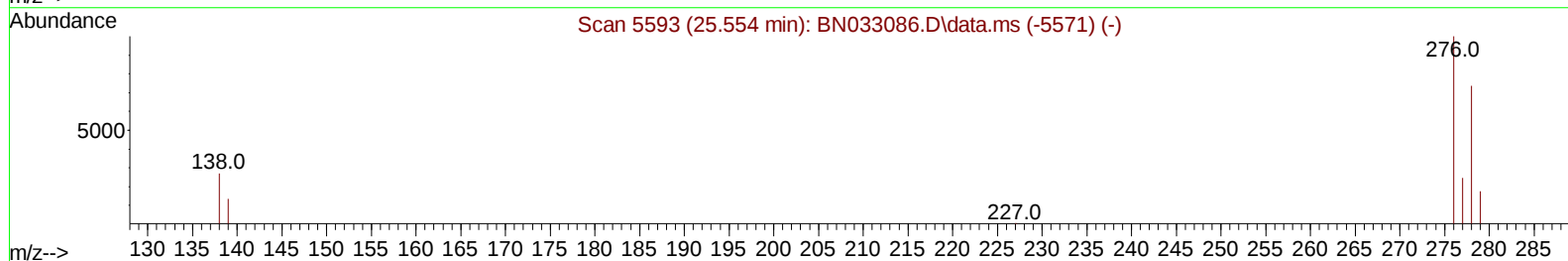
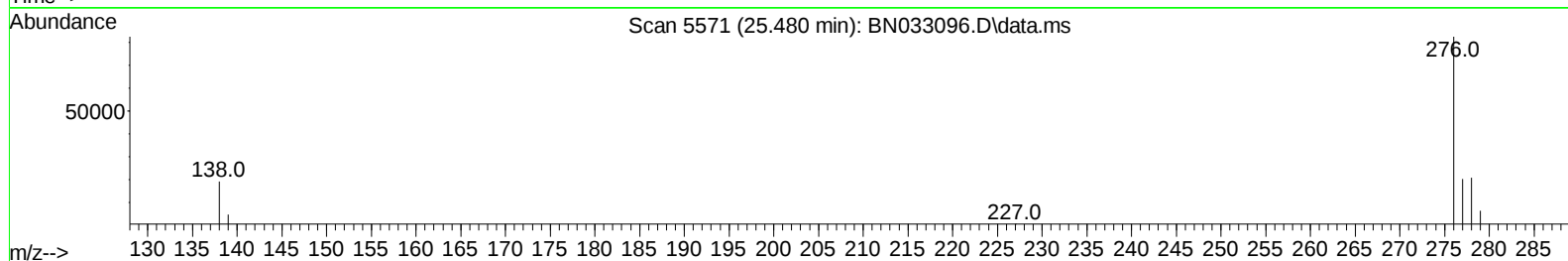
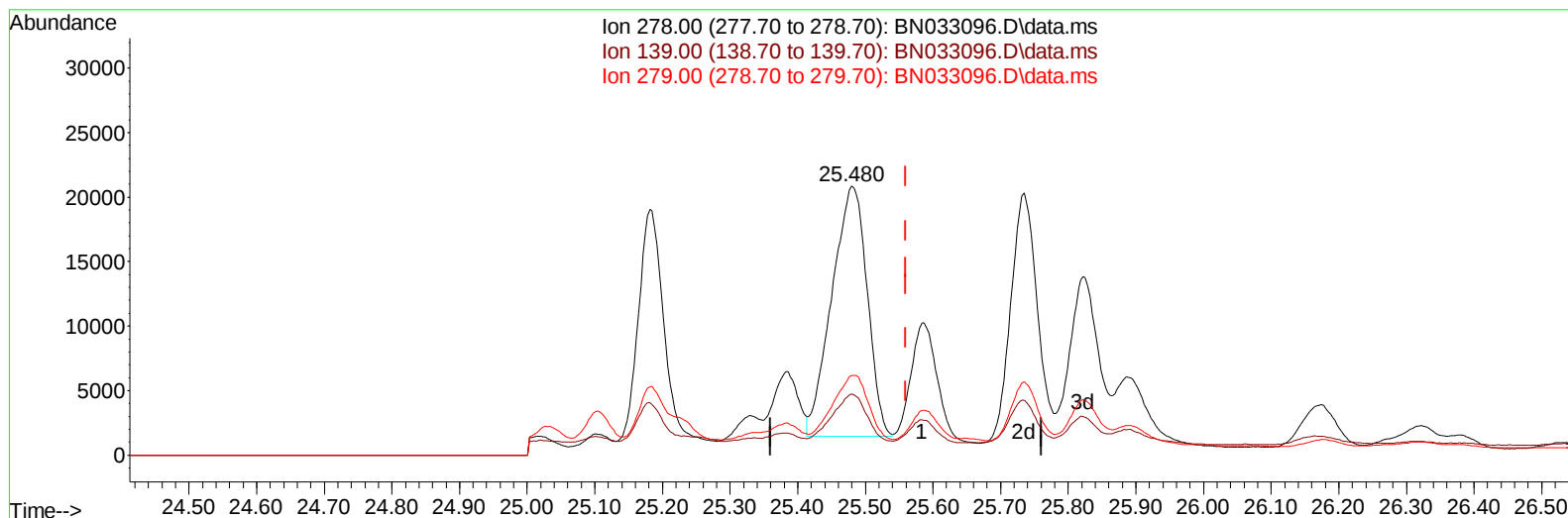
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

(28) Dibenzo(a,h)anthracene

25.480min (-0.080) 1.50 ng/u1 m

response 70454

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	22.73
279.00	31.90	29.52
0.00	0.00	0.00

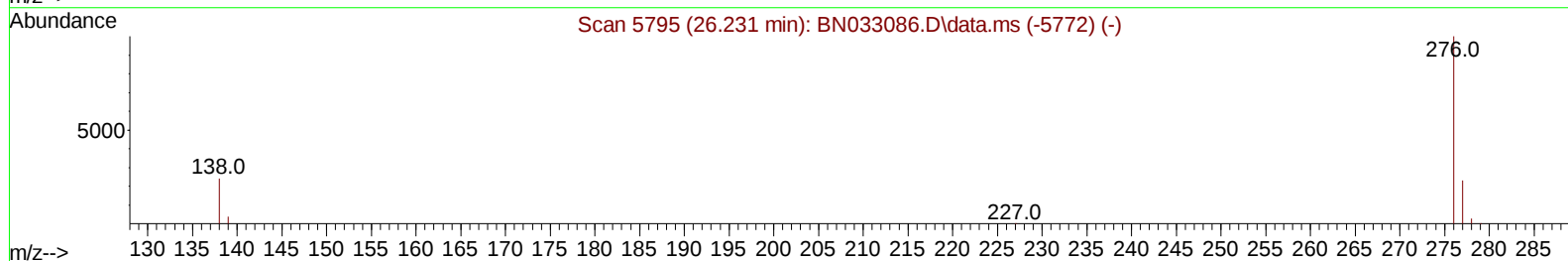
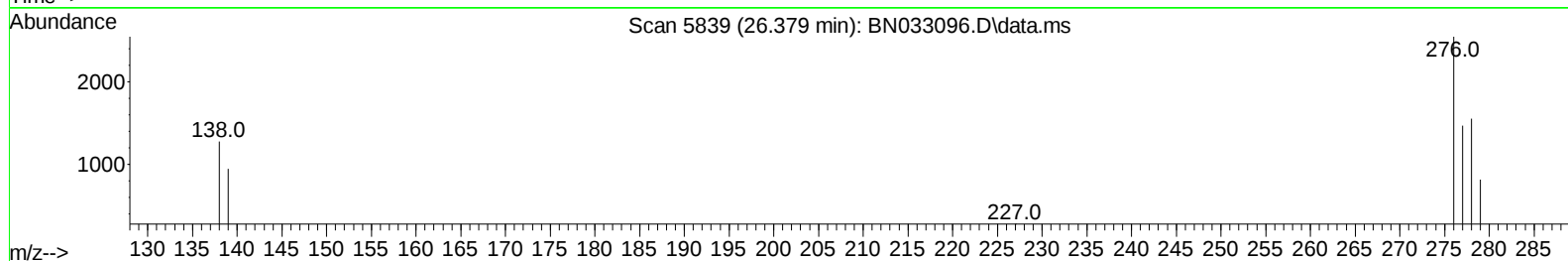
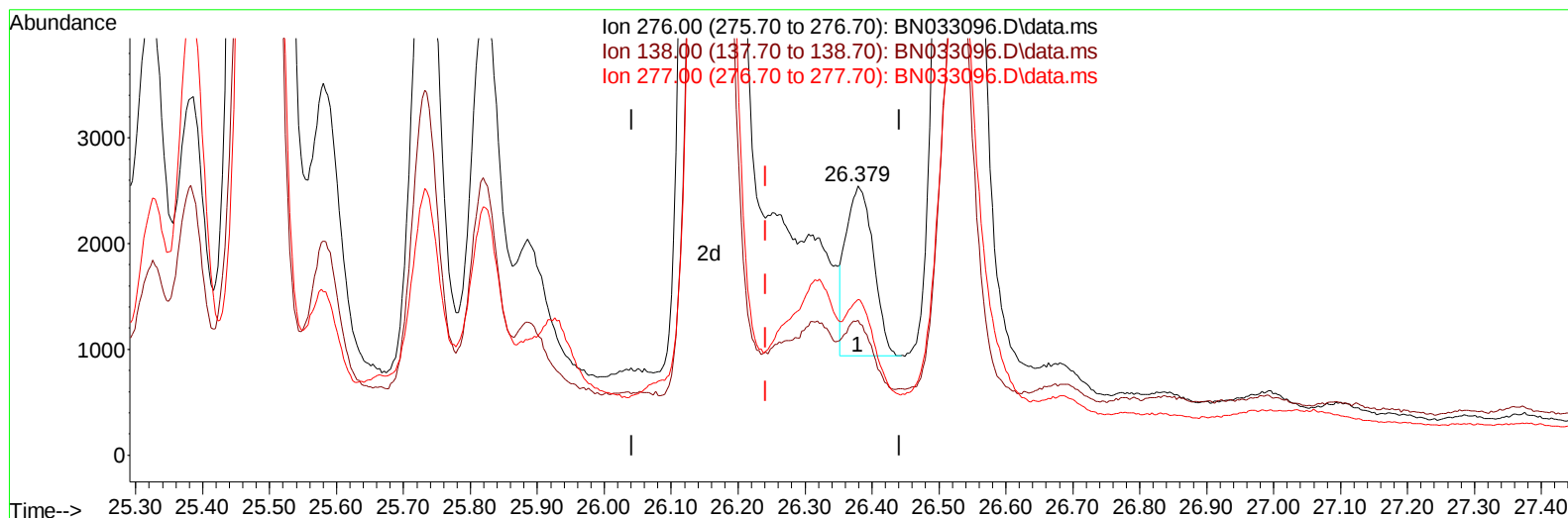
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033096.D
 Acq On : 30 Jul 2024 08:56
 Operator : MA/JU
 Sample : P3329-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

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

26.379min (+ 0.138) 0.10 ng/u1

response 4556

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	30.80	50.10#
277.00	28.30	57.92#
0.00	0.00	0.00

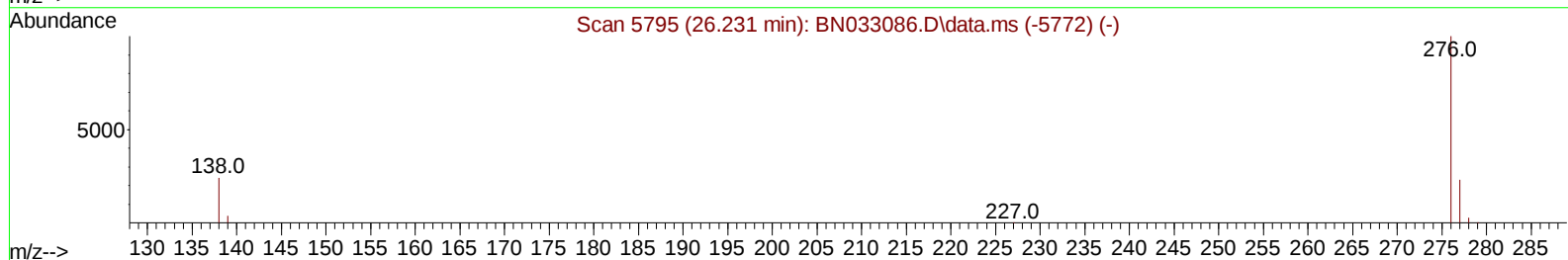
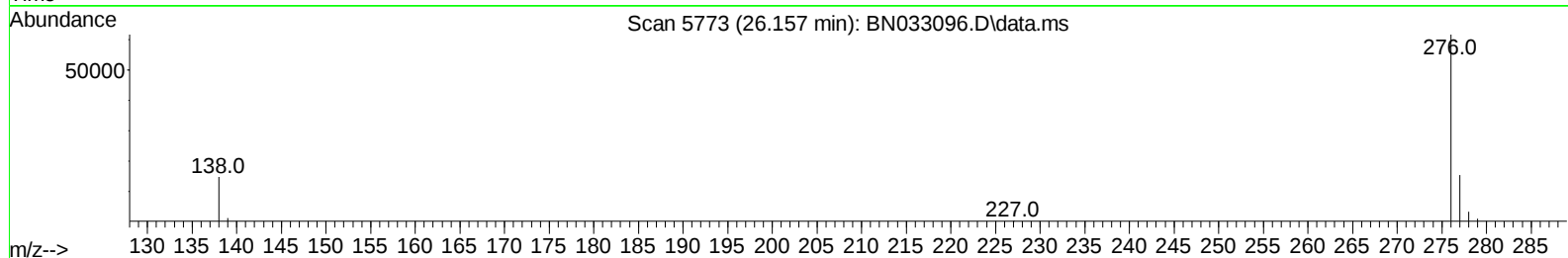
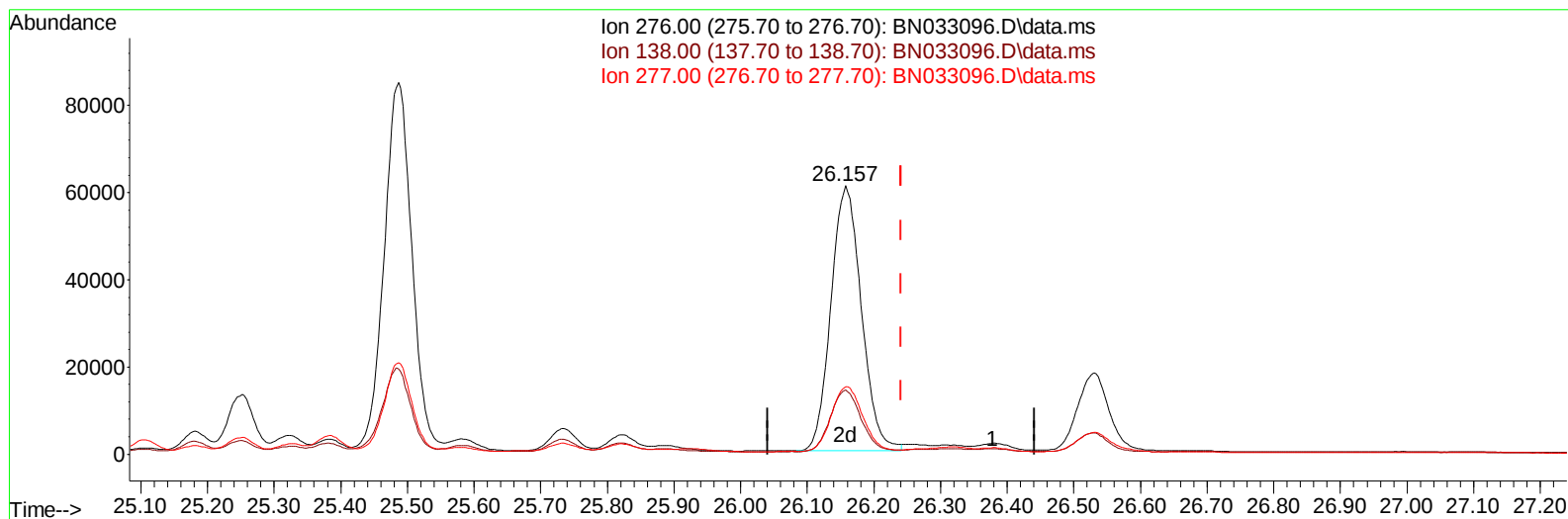
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 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 :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033096.D\data.ms

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

26.157min (-0.084) 4.11 ng/ul m

response 193576

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	30.80	23.97#
277.00	28.30	25.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033096.D
 Acq On : 30 Jul 2024 08:56
 Operator : MA/JU
 Sample : P3329-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 09:23:36 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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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.490	152	2167	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.240	136	7891	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.111	164	11989	0.400	ng/ul	#-0.06
13) Phenanthrene-d10	16.899	188	12783m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.125	240	11739m	0.400	ng/ul	-0.04
23) Perylene-d12	23.302	264	14162m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	7907	2.885	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.840	152	2892	0.225	ng/ul	-0.07
18) Fluoranthene-d10	18.944	212	9577m	0.288	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.300	128	7927976	391.229	ng/ul#	93
7) 2-Methylnaphthalene	11.917	142	2121761	154.565	ng/ul	95
8) 1-Methylnaphthalene	12.143	142	1027610	69.223	ng/ul	100
10) Acenaphthylene	13.852	152	151501	3.088	ng/ul#	95
11) Acenaphthene	14.199	153	1908939	51.723	ng/ul	97
12) Fluorene	15.198	166	2207961	51.329	ng/ul	97
15) Phenanthrene	16.954	178	8134089m	237.233	ng/ul	
16) Anthracene	17.034	178	1759998m	57.093	ng/ul	
19) Fluoranthene	18.981	202	5641831m	145.965	ng/ul	
20) Pyrene	19.348	202	4284572m	103.367	ng/ul	
21) Benzo(a)anthracene	21.107	228	1629252m	40.689	ng/ul	
22) Chrysene	21.160	228	1278389m	27.357	ng/ul	
24) Benzo(b)fluoranthene	22.653	252	1098588m	26.555	ng/ul	
25) Benzo(k)fluoranthene	22.691	252	429956m	8.672	ng/ul	
26) Benzo(a)pyrene	23.206	252	688640m	17.687	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.487	276	243046m	4.105	ng/ul	
28) Dibenzo(a,h)anthracene	25.480	278	70454m	1.501	ng/ul	
29) Benzo(g,h,i)perylene	26.157	276	193576m	4.115	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E02

Manual IntegrationsAPPROVED

Quant Time: Jul 30 09:23:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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