

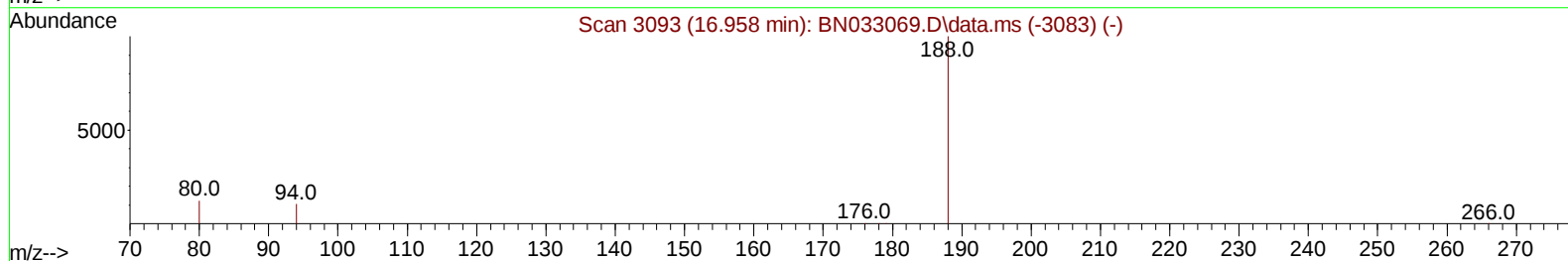
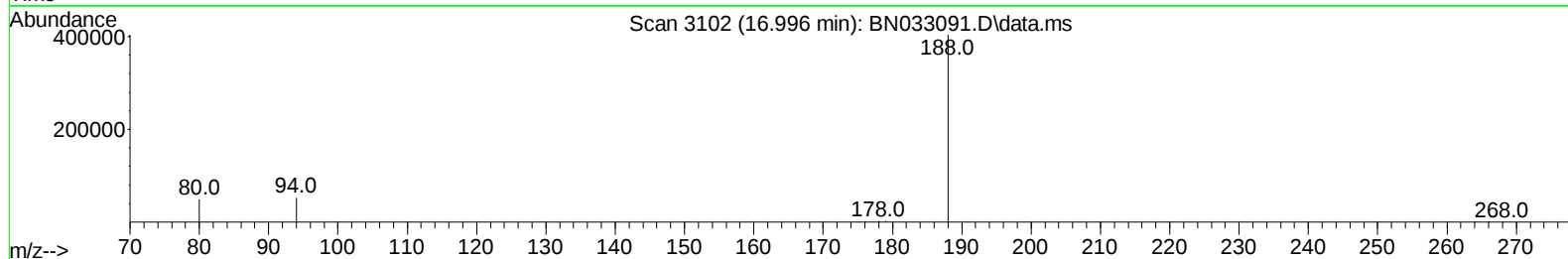
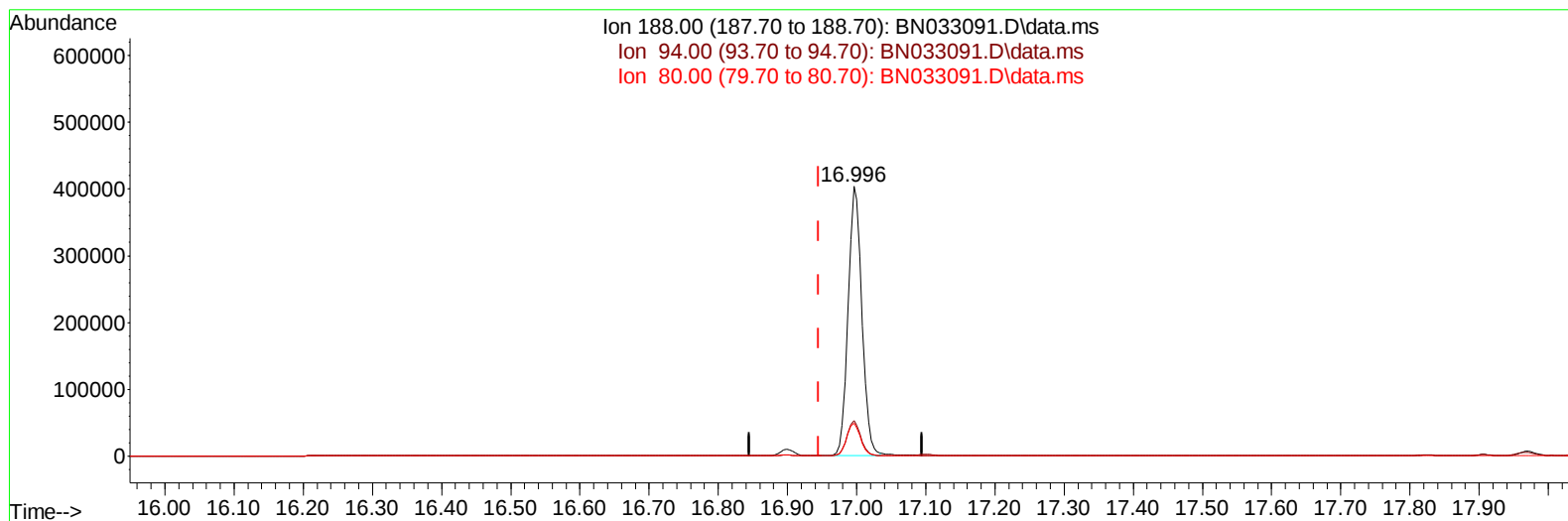
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(13) Phenanthrene-d10 (I)

16.996min (+ 0.051) 0.40 ng/u1

response 557016

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	13.02
80.00	13.10	12.21
0.00	0.00	0.00

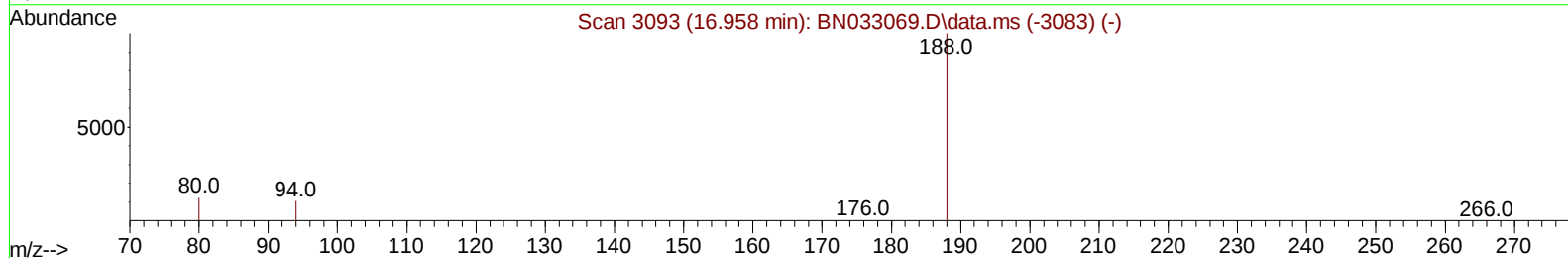
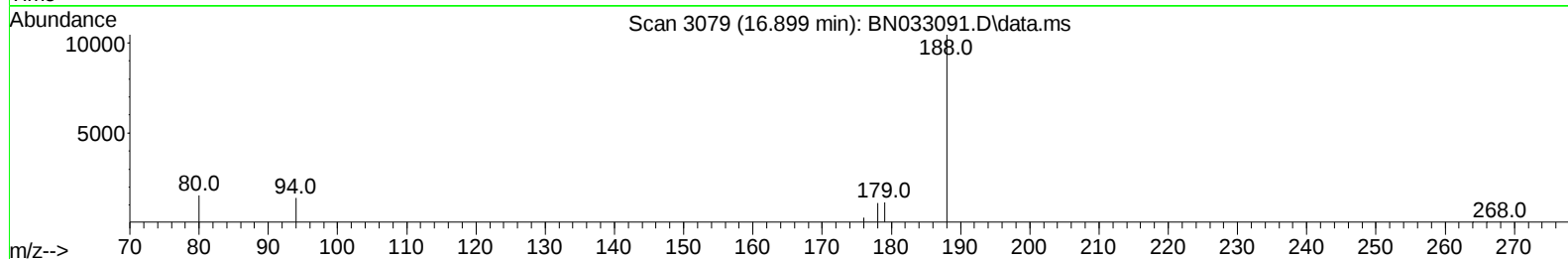
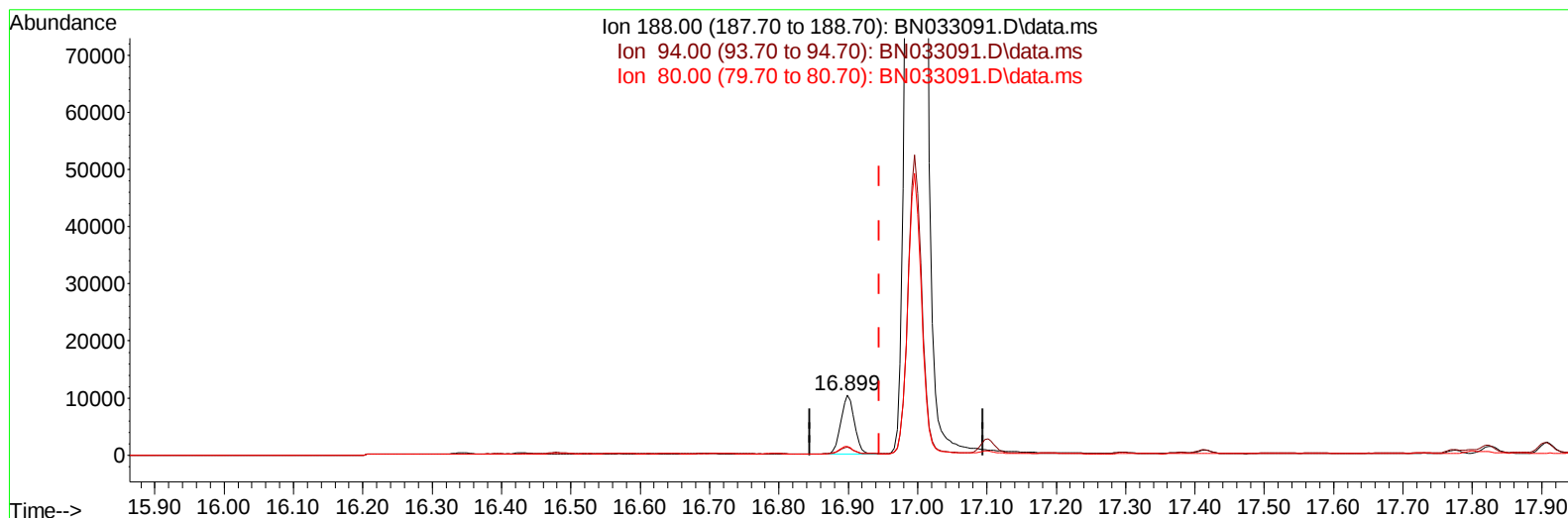
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(13) Phenanthrene-d10 (I)

16.899min (-0.046) 0.40 ng/u1 m

response 14104

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	13.30
80.00	13.10	14.69
0.00	0.00	0.00

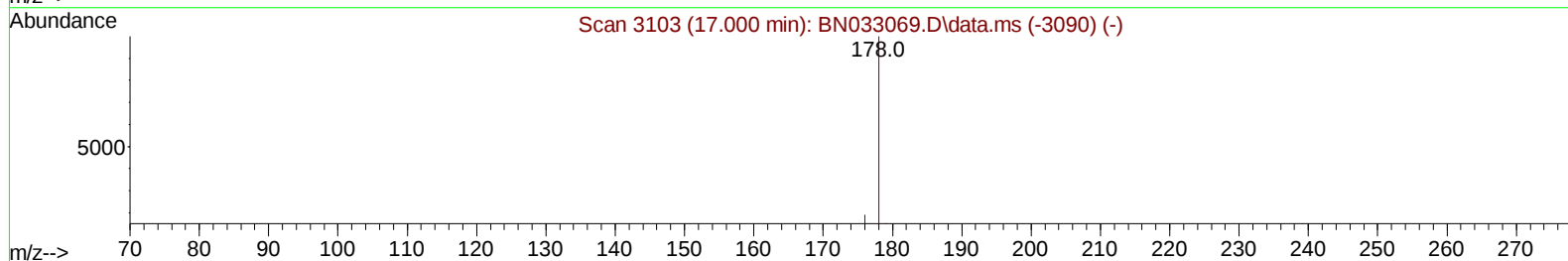
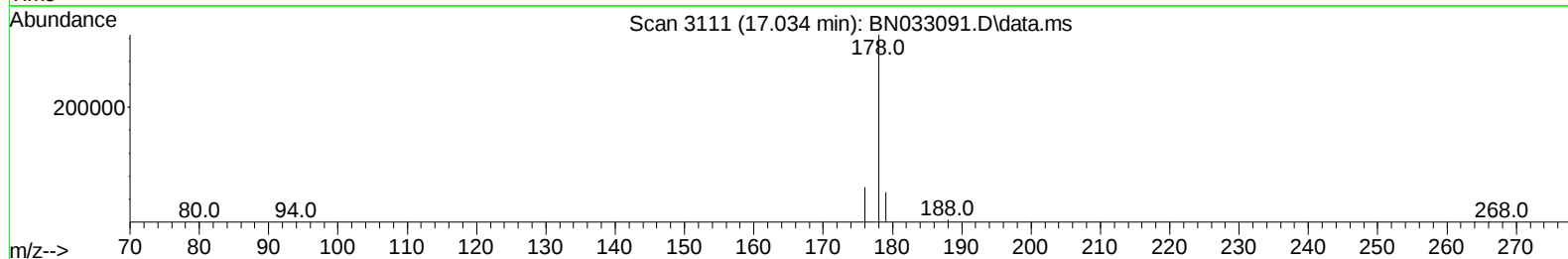
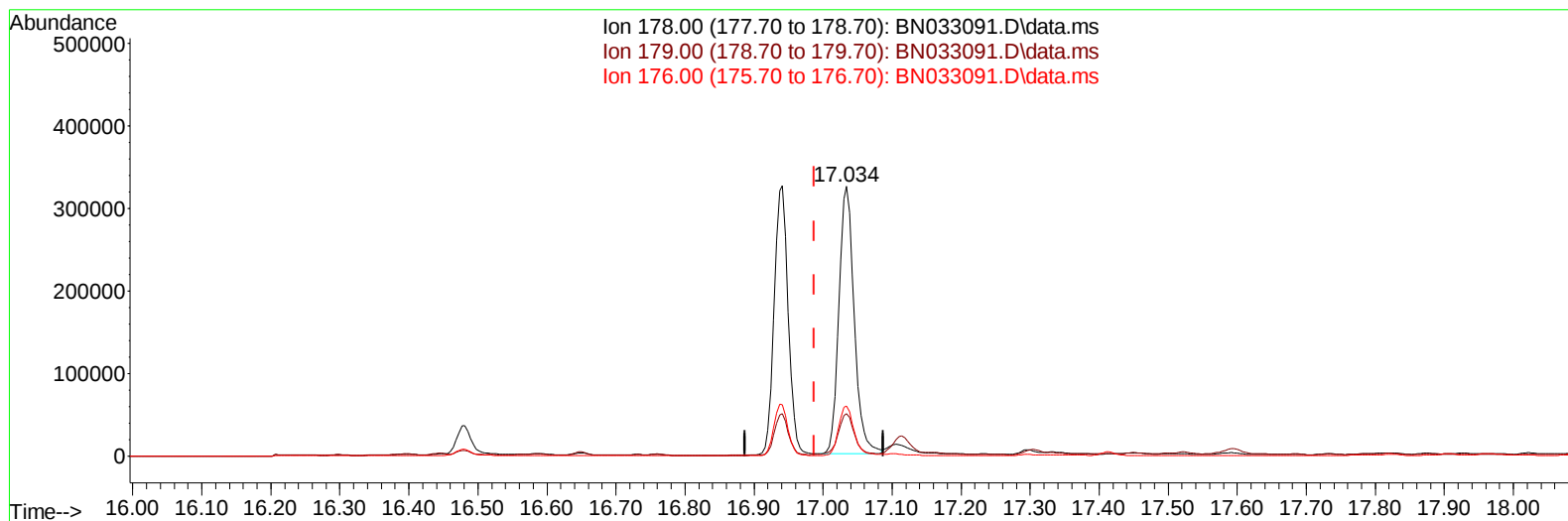
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033091.D
 Acq On : 30 Jul 2024 05:54
 Operator : MA/JU
 Sample : P3329-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(15) Phenanthrene

17.034min (+ 0.047) 13.24 ng/u1

response 500802

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	15.80
176.00	19.90	18.60
0.00	0.00	0.00

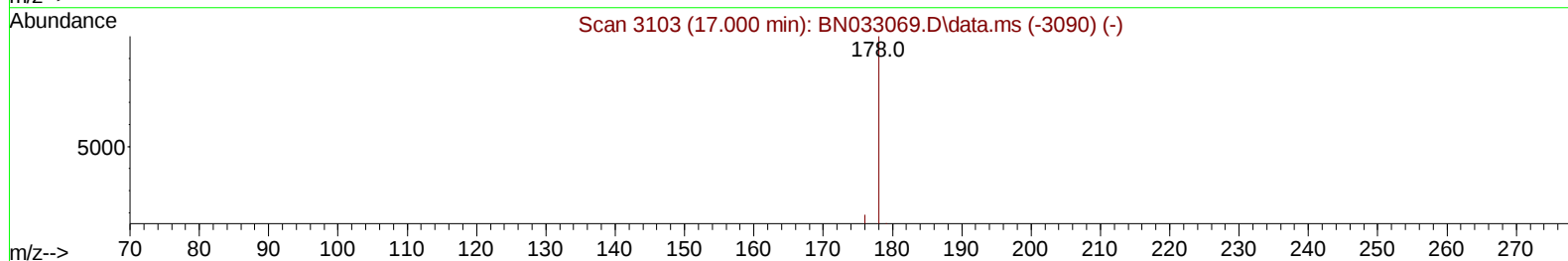
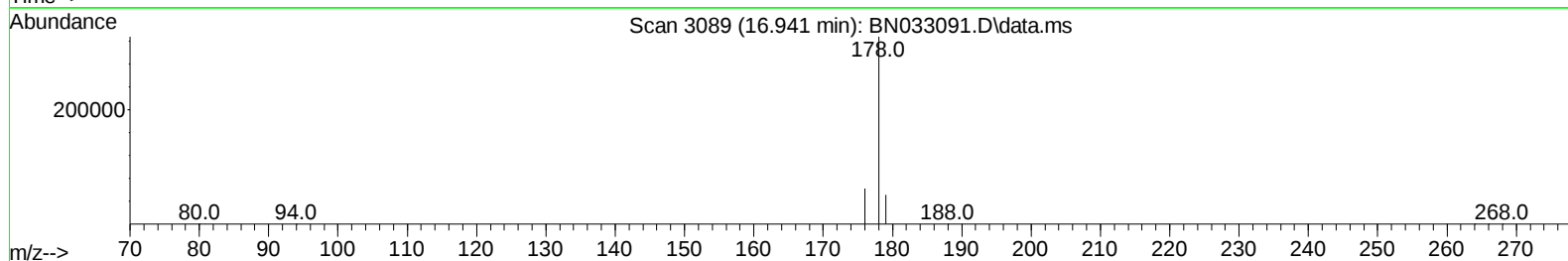
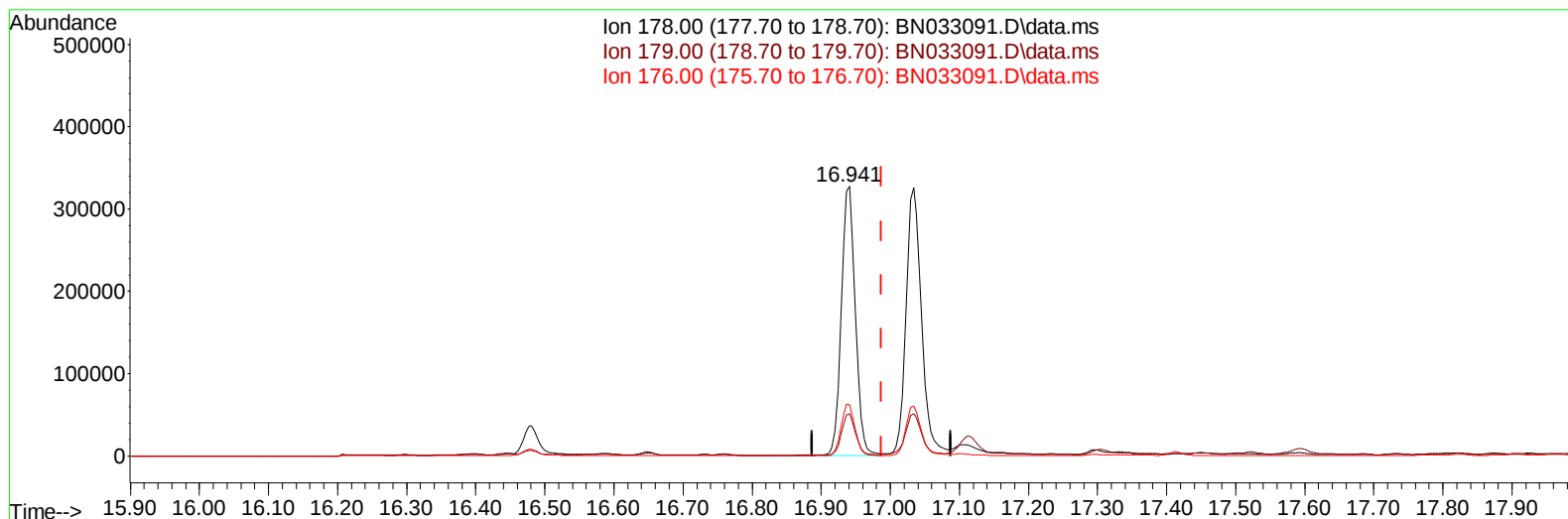
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033091.D
 Acq On : 30 Jul 2024 05:54
 Operator : MA/JU
 Sample : P3329-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(15) Phenanthrene

16.941min (-0.046) 12.23 ng/ul m

response 462835

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	15.66
176.00	19.90	18.93
0.00	0.00	0.00

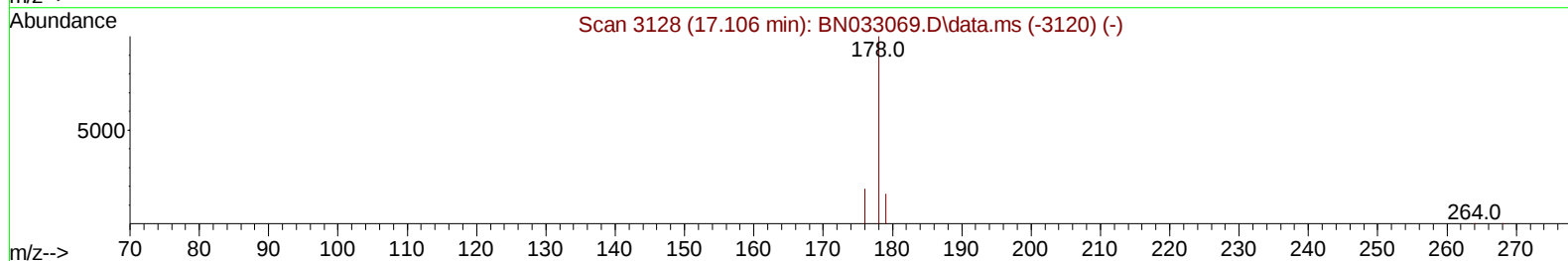
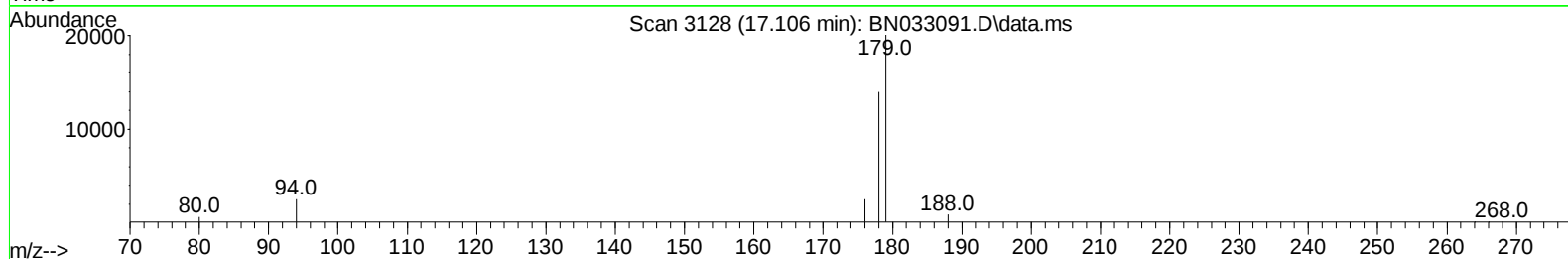
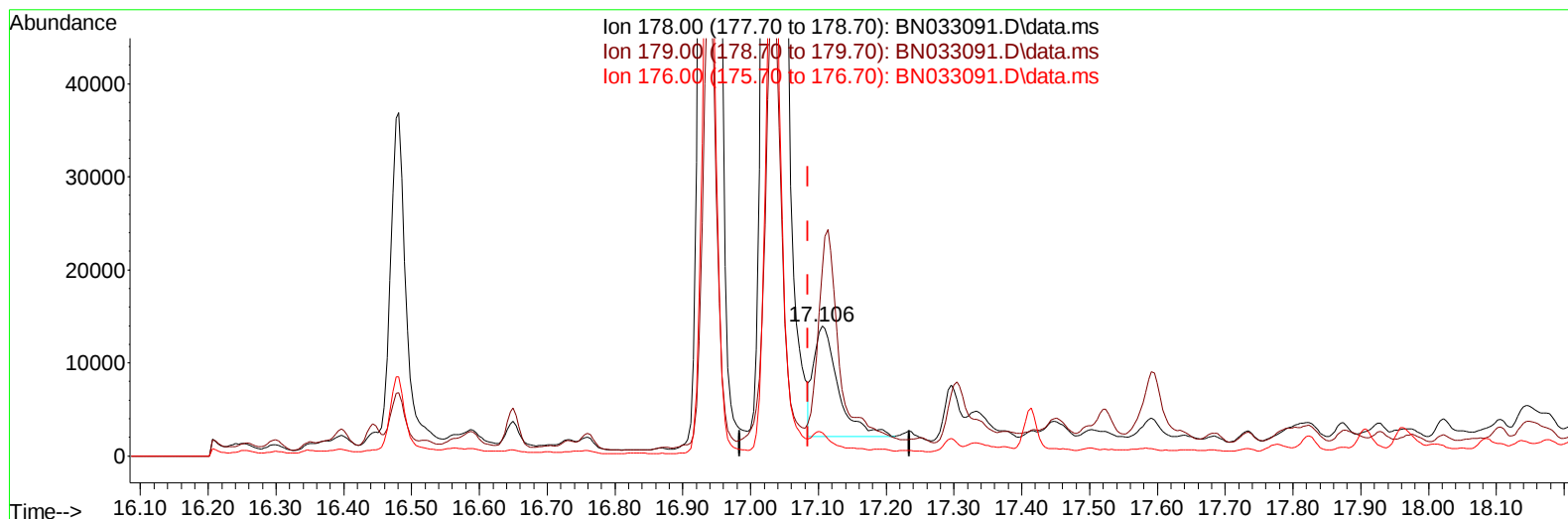
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(16) Anthracene

17.106min (+ 0.021) 0.88 ng/u1

response 29942

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	143.90#
176.00	19.80	18.00
0.00	0.00	0.00

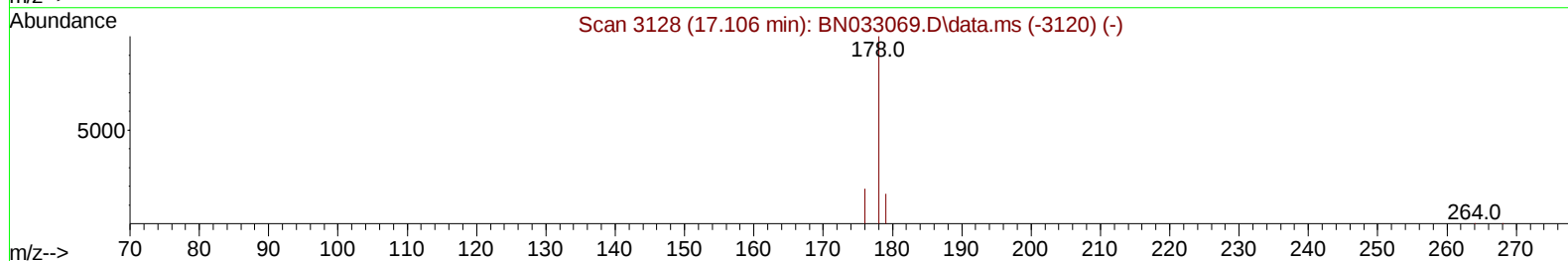
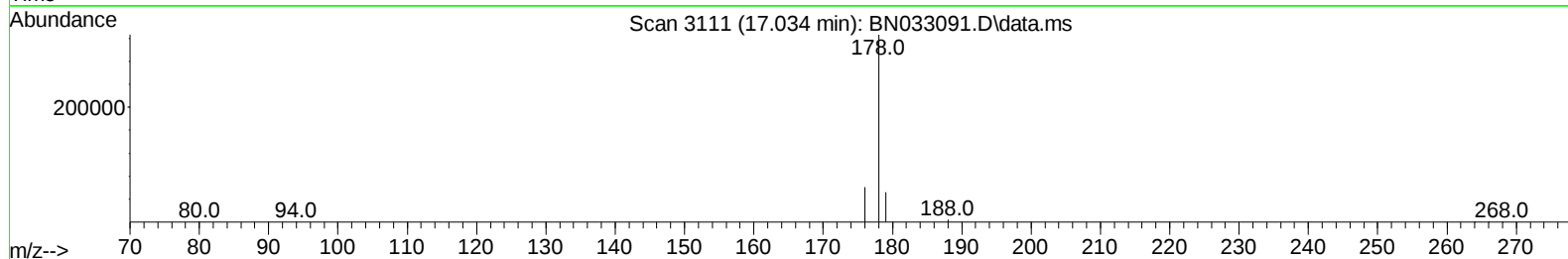
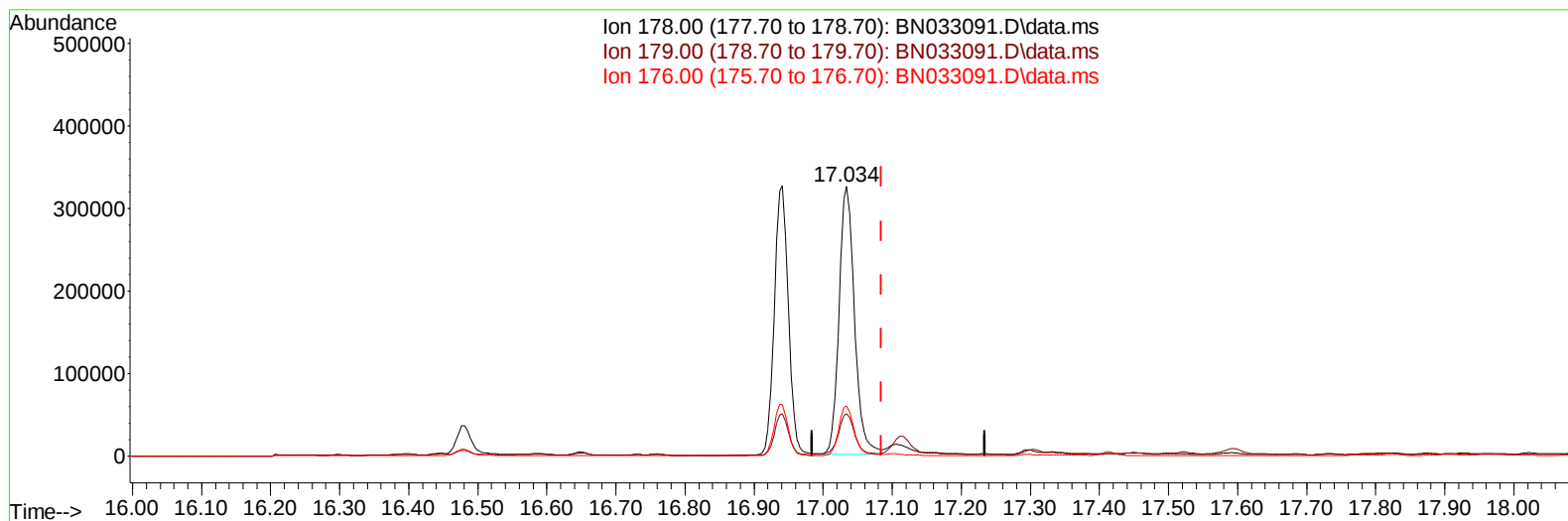
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(16) Anthracene

17.034min (-0.051) 14.80 ng/ul m

response 503467

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	15.80
176.00	19.80	18.60
0.00	0.00	0.00

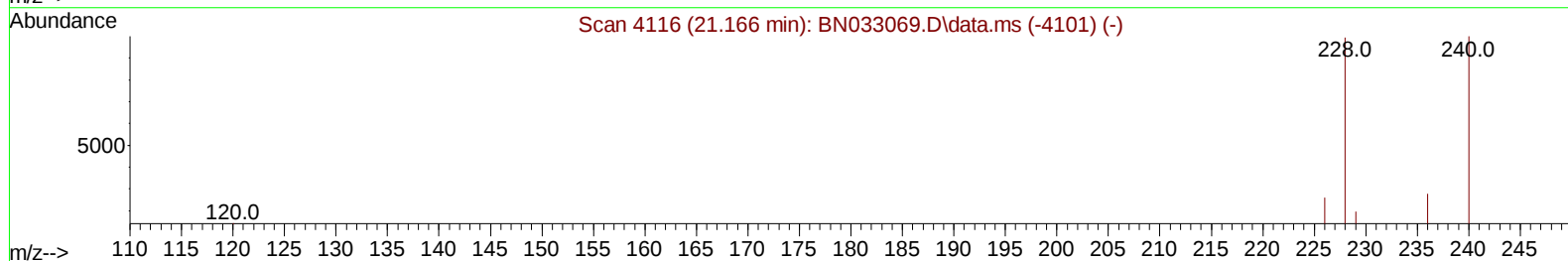
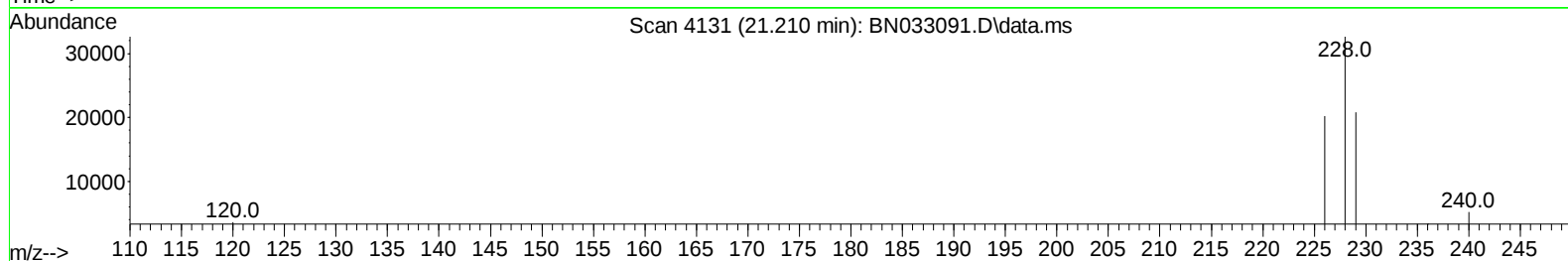
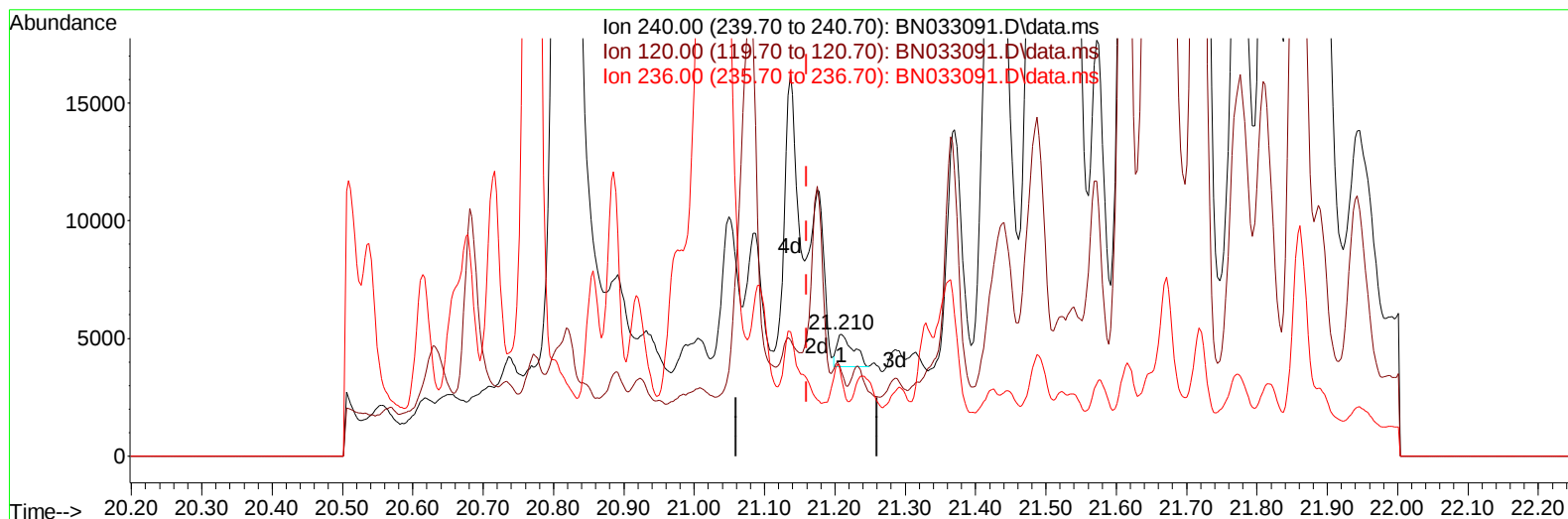
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(17) Chrysene-d12

21.210min (+ 0.050) 0.40 ng/u1

response 2266

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	69.12#
236.00	29.50	64.14#
0.00	0.00	0.00

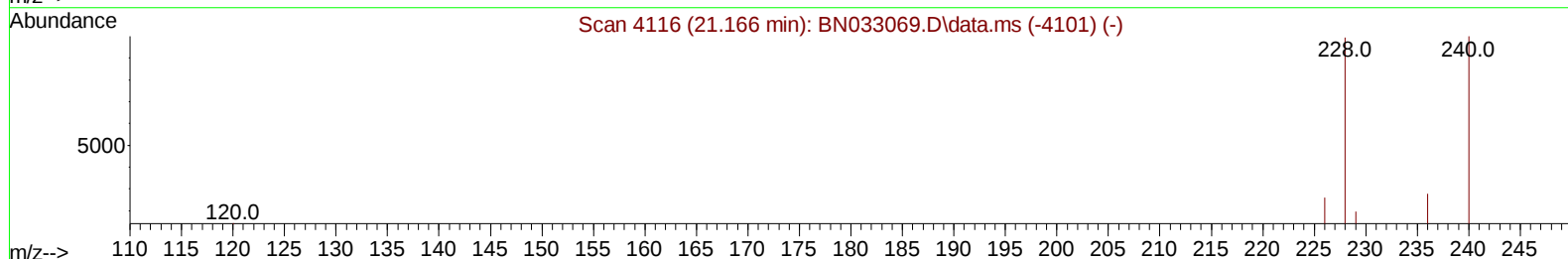
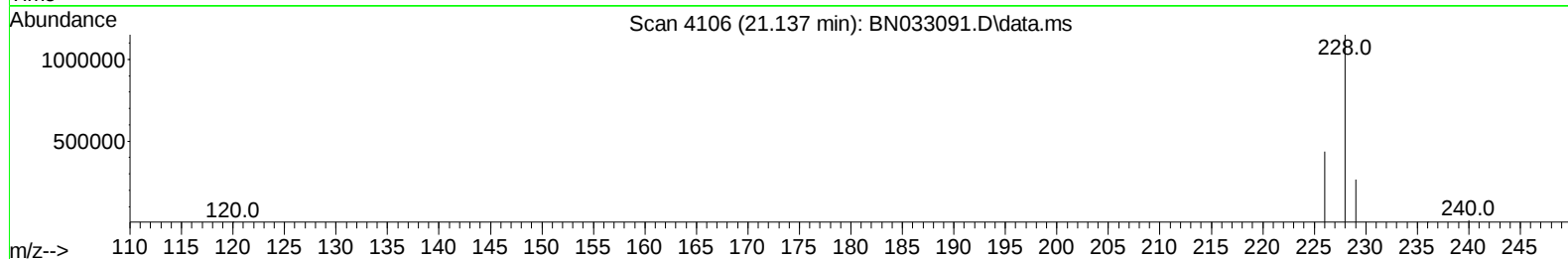
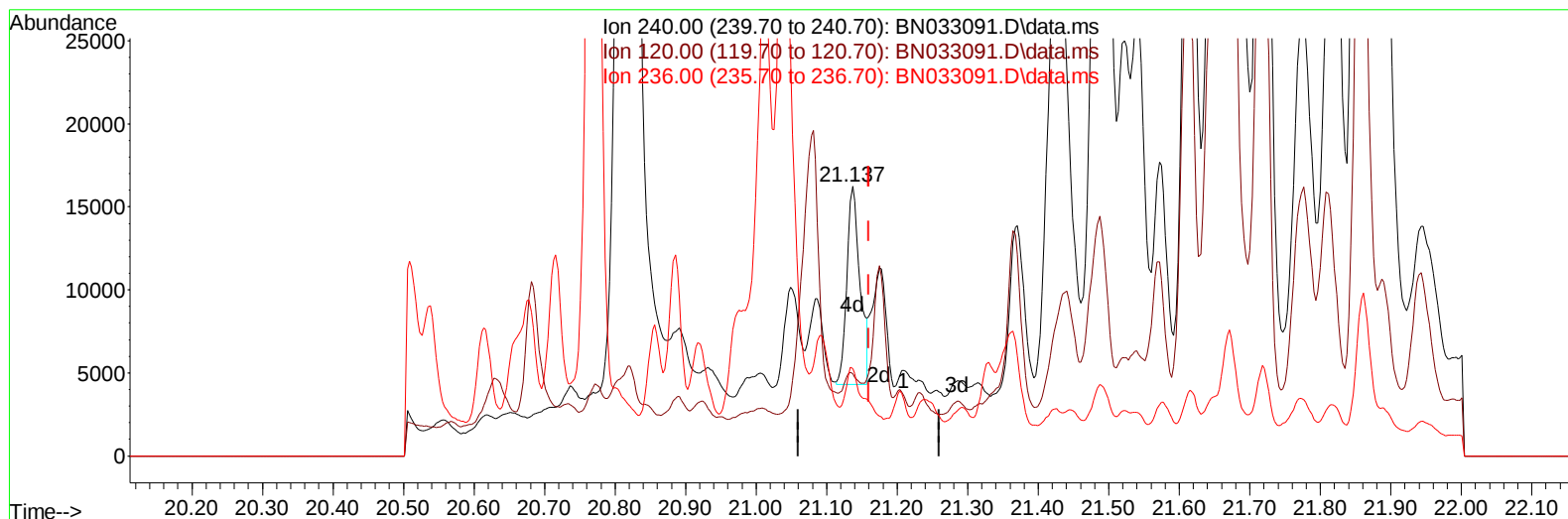
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033091.D
 Acq On : 30 Jul 2024 05:54
 Operator : MA/JU
 Sample : P3329-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(17) Chrysene-d12

21.137min (-0.023) 0.40 ng/ul m

response 15490

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	30.44#
236.00	29.50	32.49
0.00	0.00	0.00

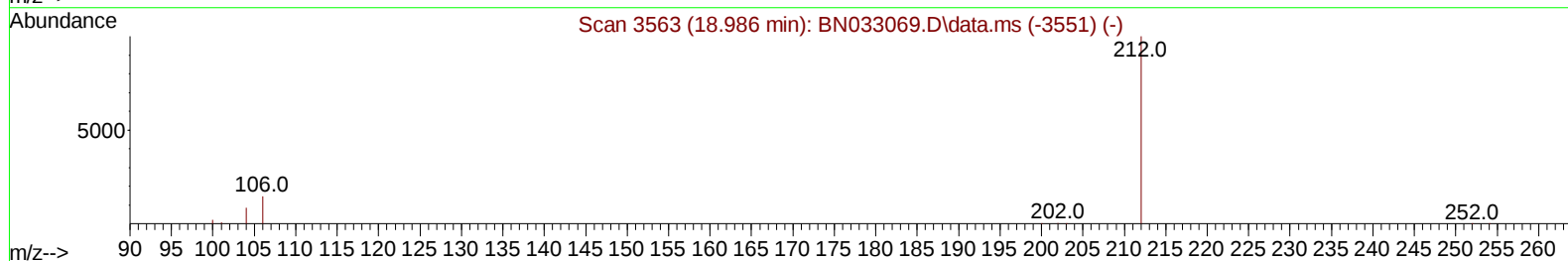
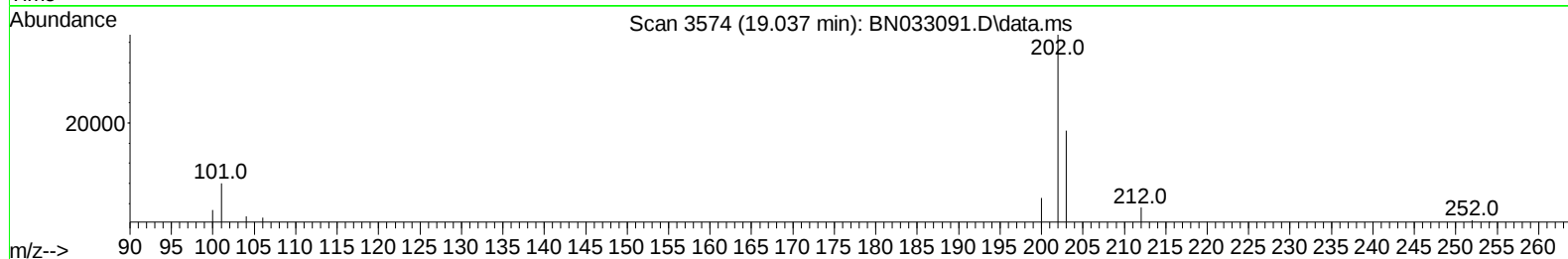
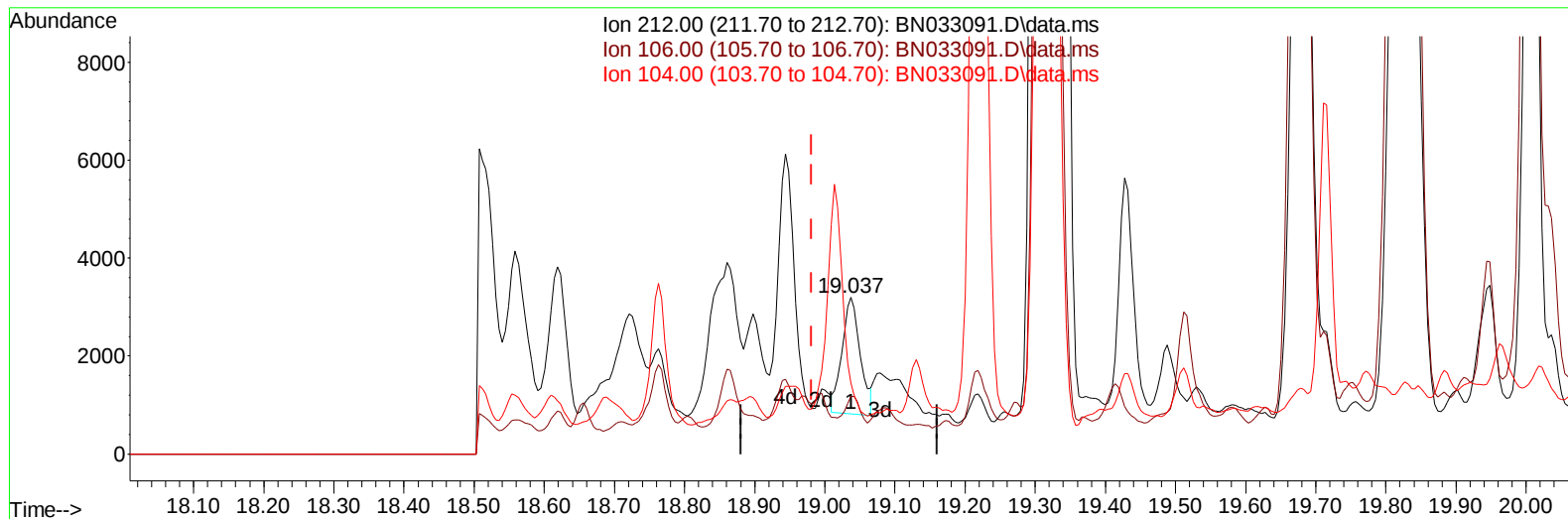
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033091.D
 Acq On : 30 Jul 2024 05:54
 Operator : MA/JU
 Sample : P3329-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.037min (+ 0.056) 0.10 ng/u1

response 4294

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	17.19
104.00	9.00	0.00#
0.00	0.00	0.00

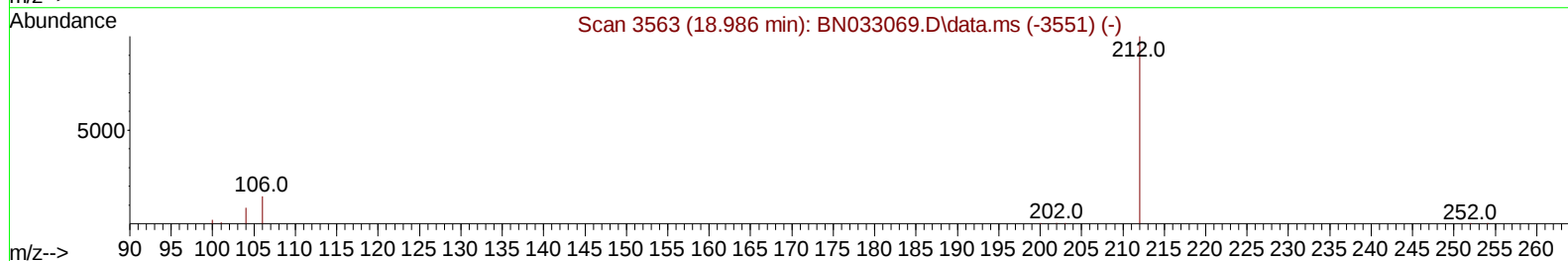
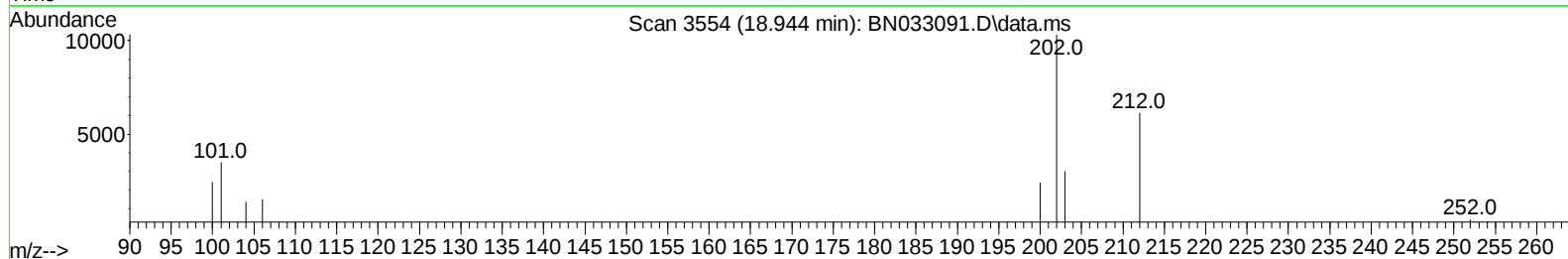
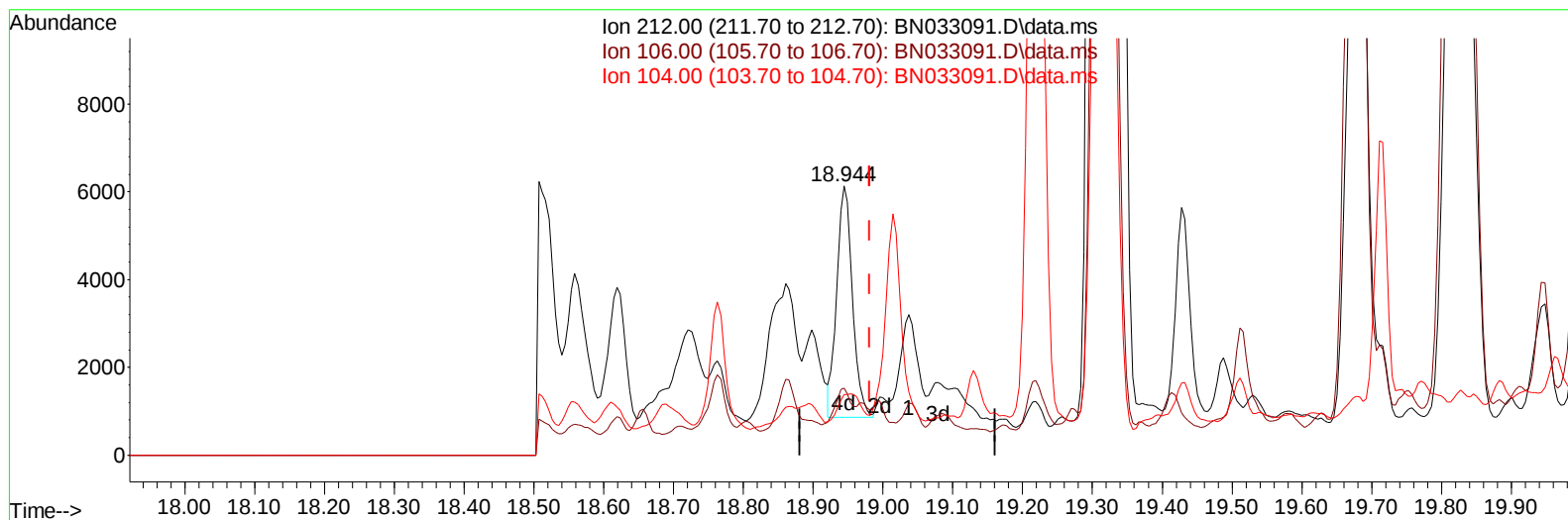
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.944min (-0.037) 0.19 ng/u1 m

response 8290

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	8.90#
104.00	9.00	0.00#
0.00	0.00	0.00

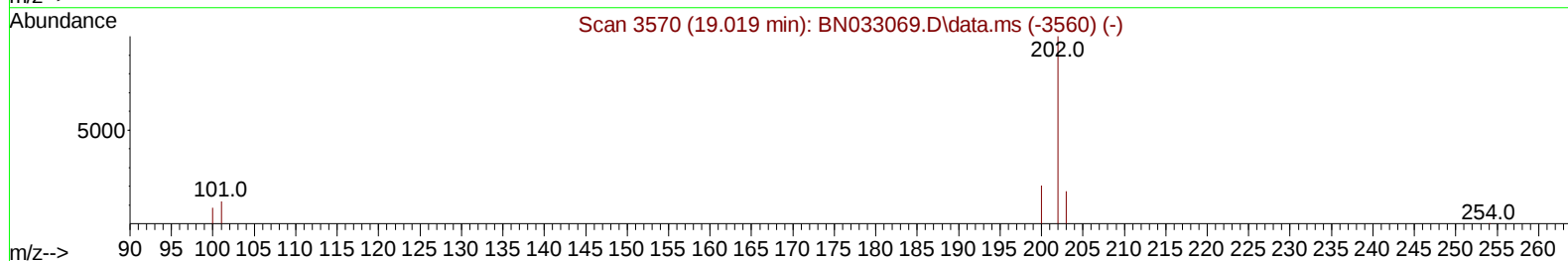
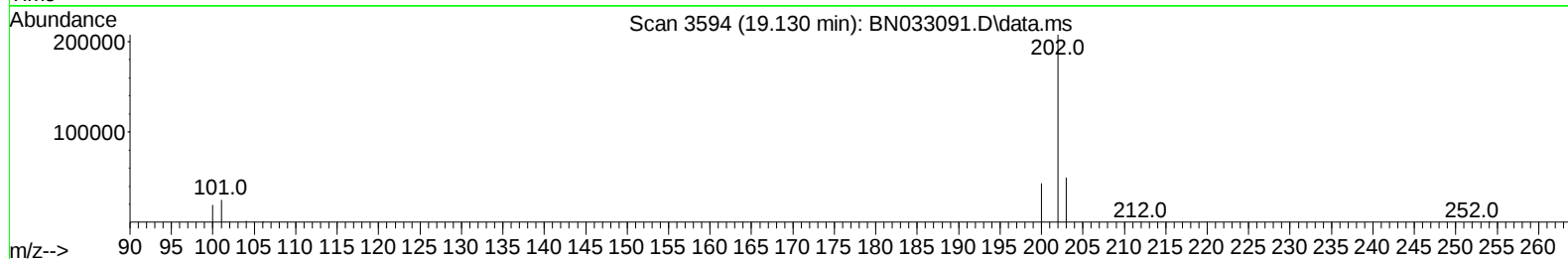
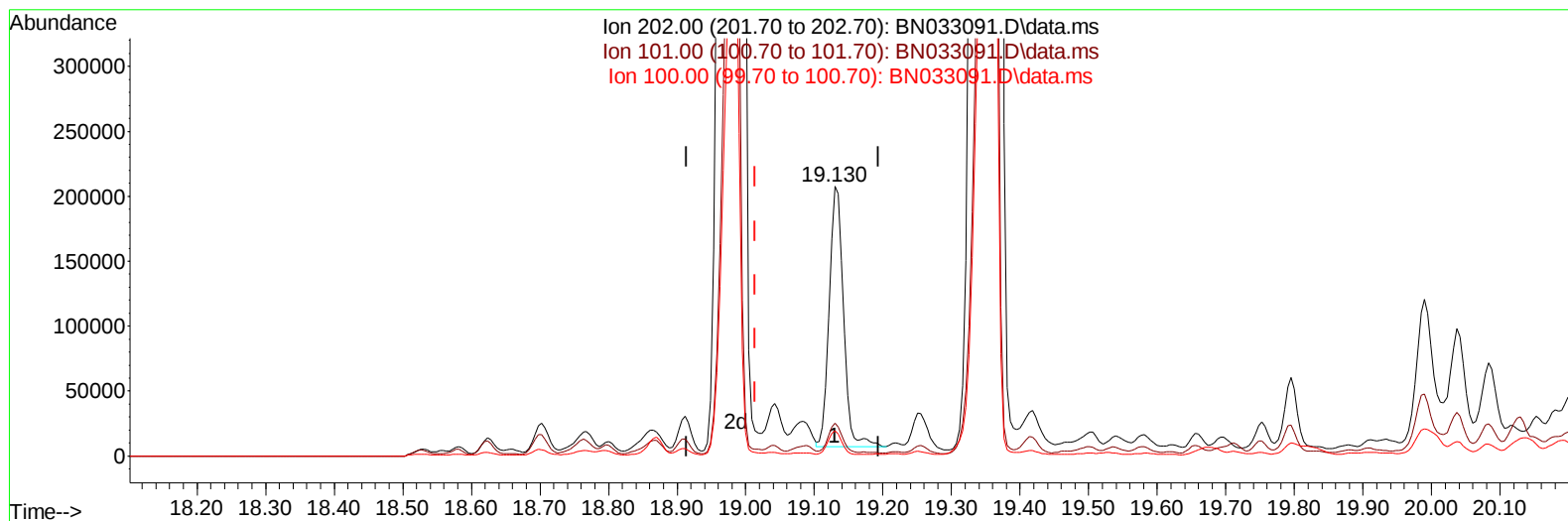
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(19) Fluoranthene (C)

19.130min (+ 0.116) 5.71 ng/u1

response 291438

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.09
100.00	10.40	9.31
0.00	0.00	0.00

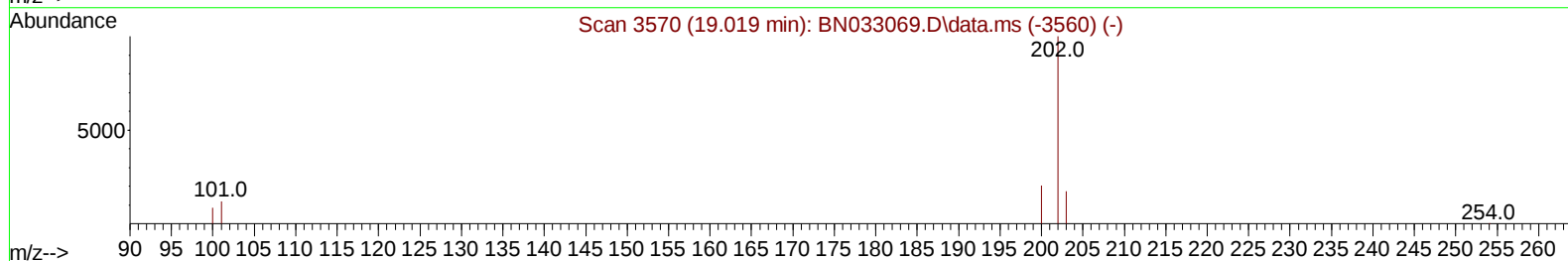
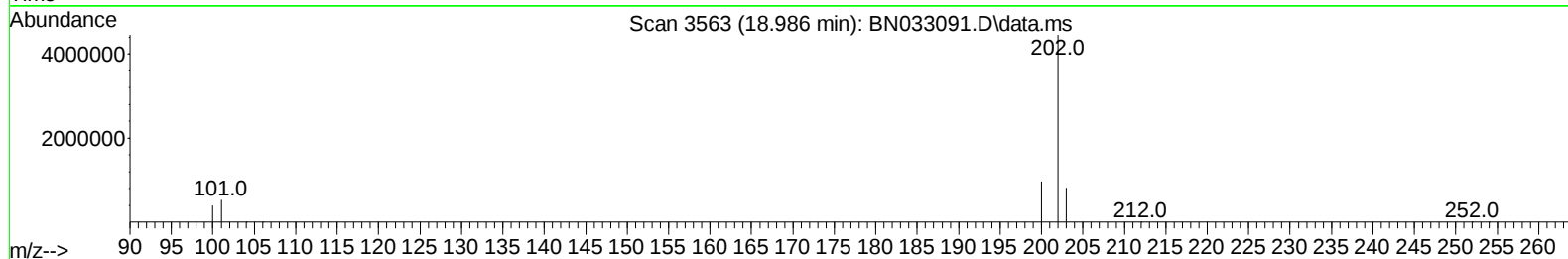
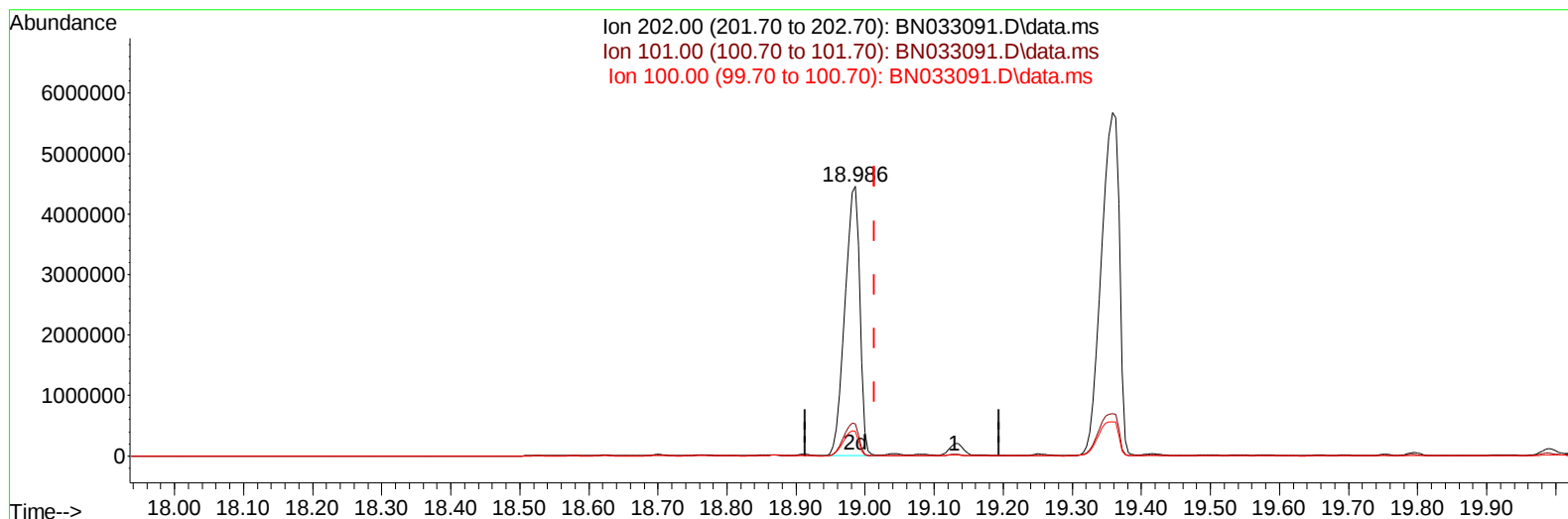
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(19) Fluoranthene (C)

18.986min (-0.028) 132.53 ng/ul m

response 6759277

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	11.86
100.00	10.40	8.99
0.00	0.00	0.00

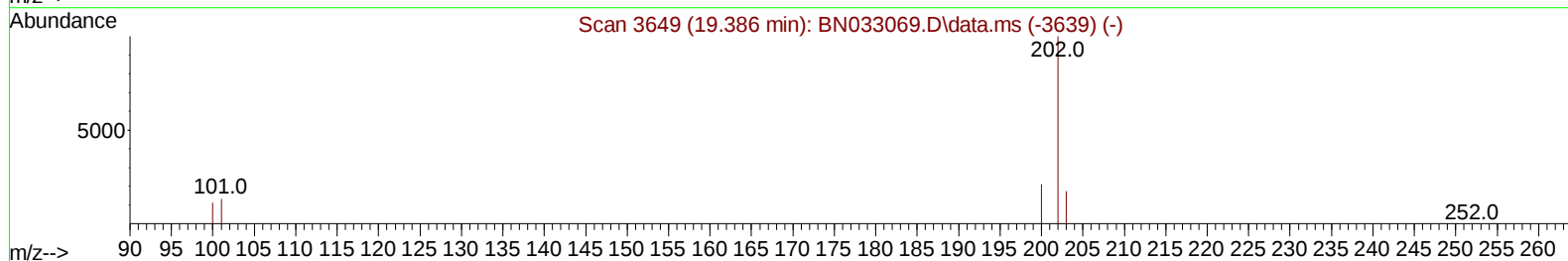
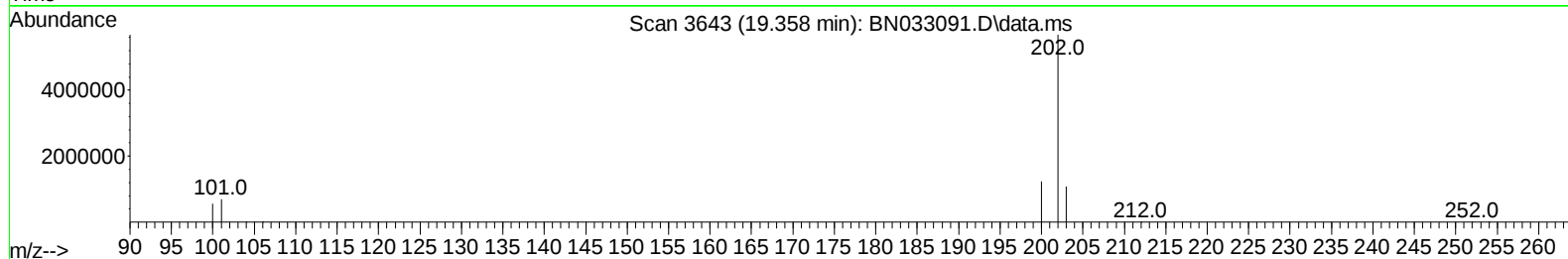
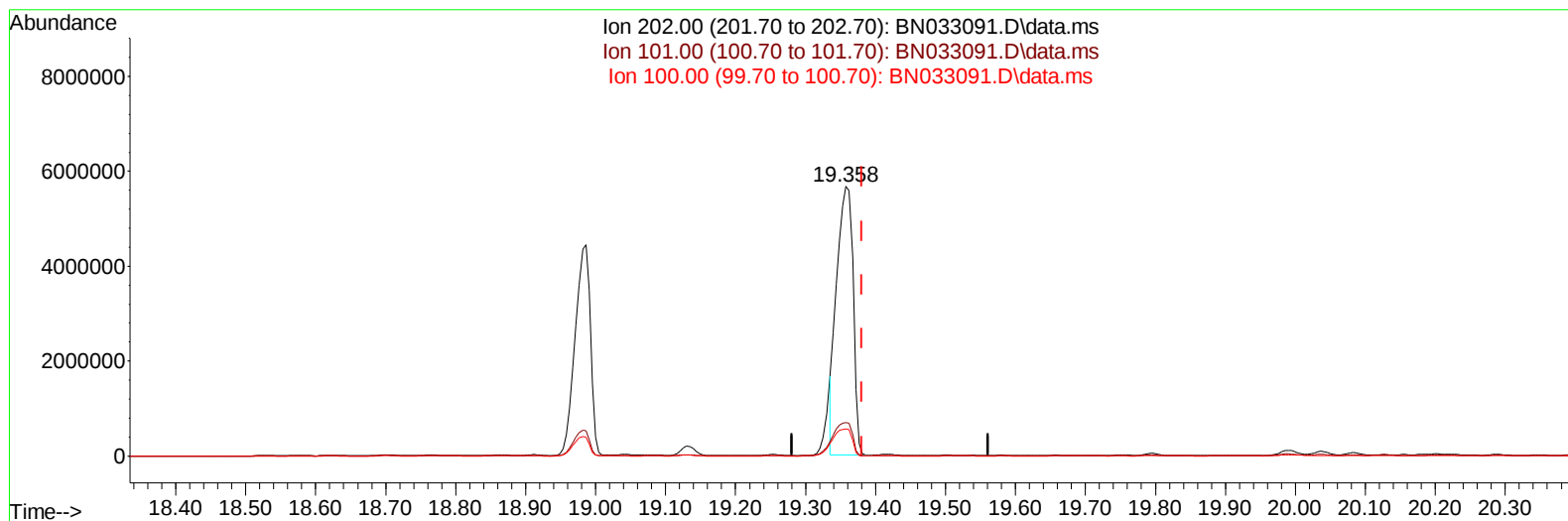
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(20) Pyrene

19.358min (-0.023) 168.16 ng/u1

response 9197464

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	12.30#
100.00	12.40	9.99
0.00	0.00	0.00

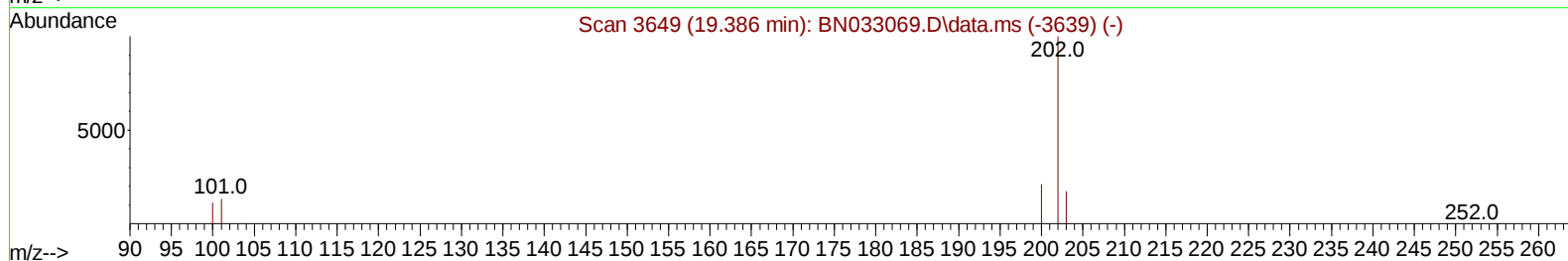
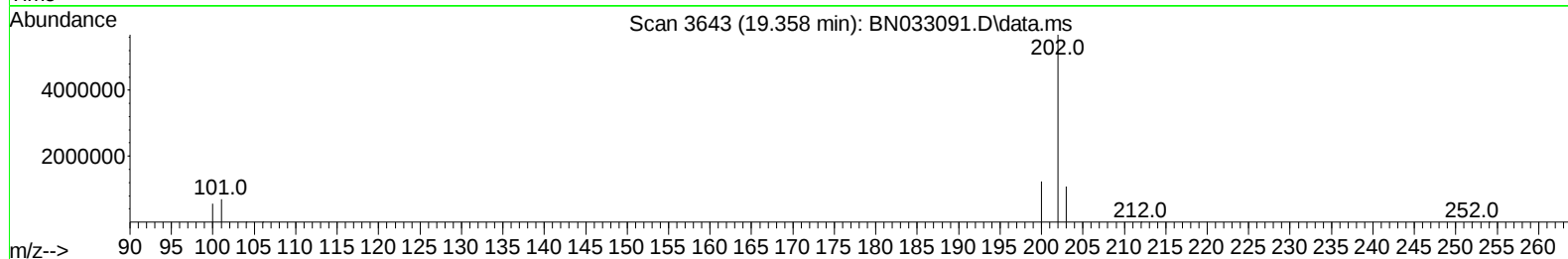
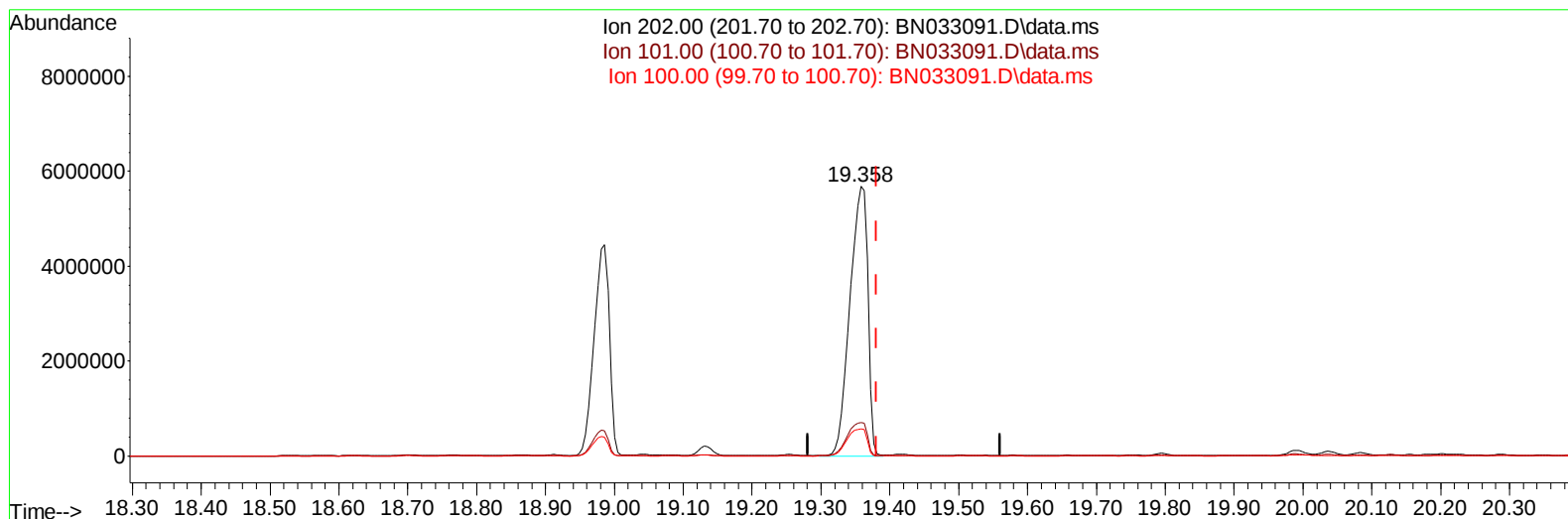
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(20) Pyrene

19.358min (-0.023) 185.72 ng/ul m

response 10157713

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	12.30#
100.00	12.40	9.99
0.00	0.00	0.00

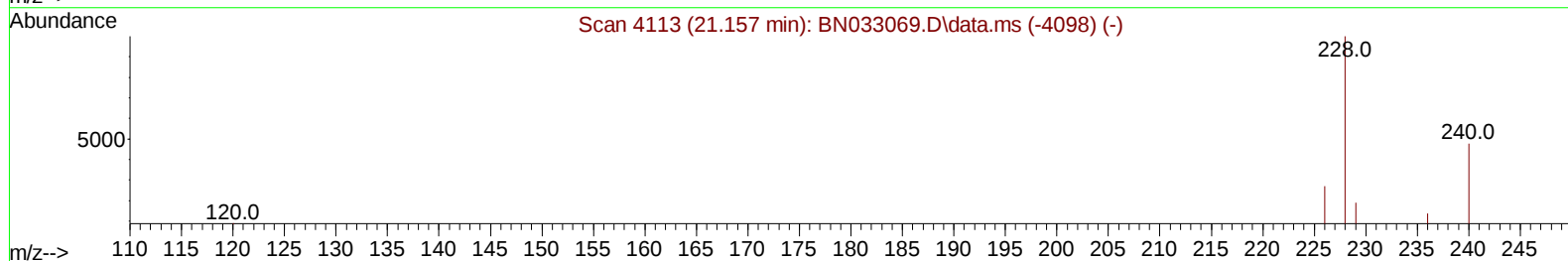
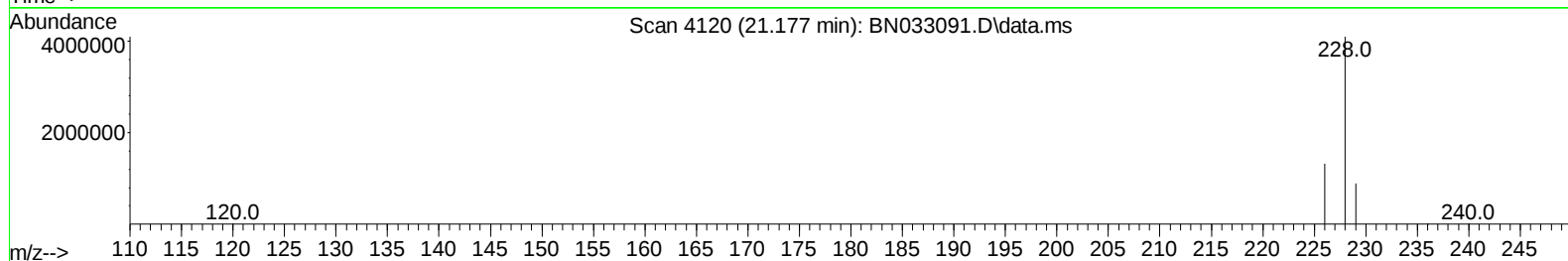
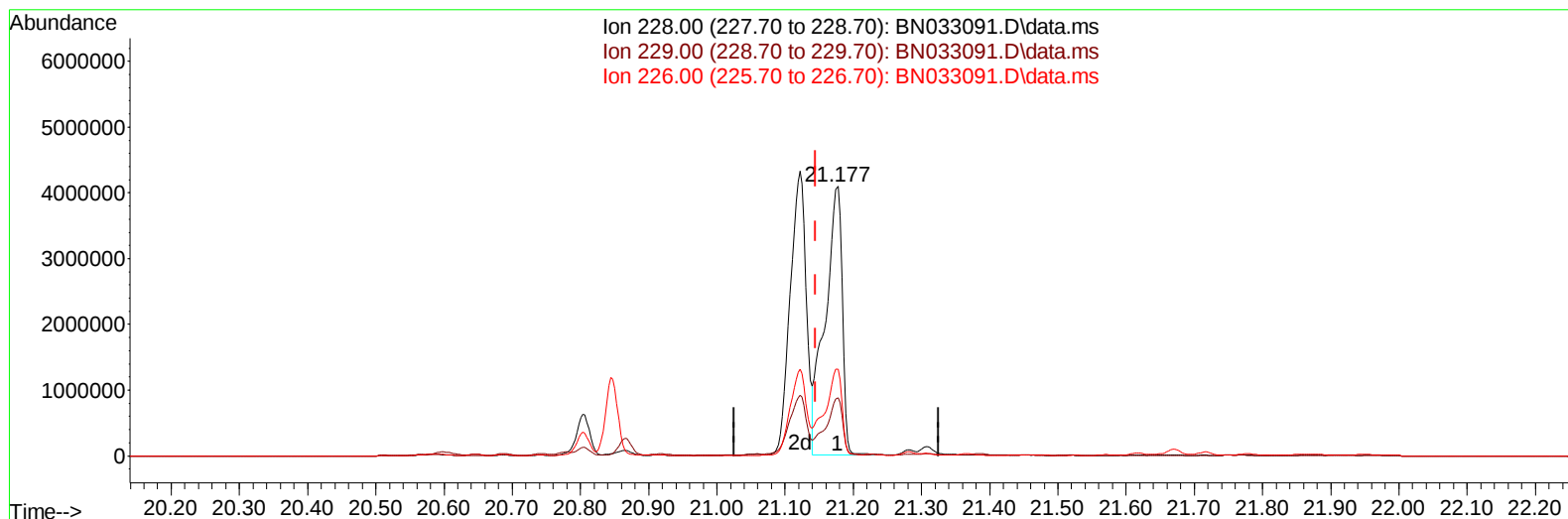
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(21) Benzo(a)anthracene

21.177min (+ 0.032) 135.71 ng/u1

response 7170141

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	21.59
226.00	28.00	32.13
0.00	0.00	0.00

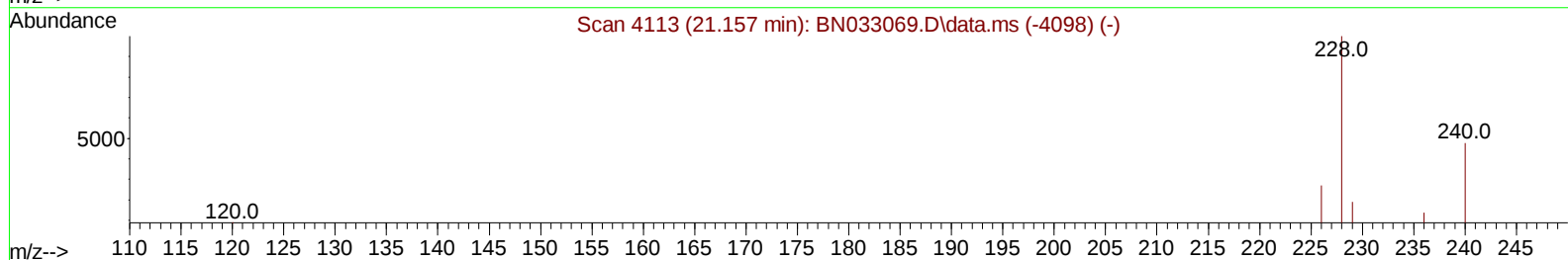
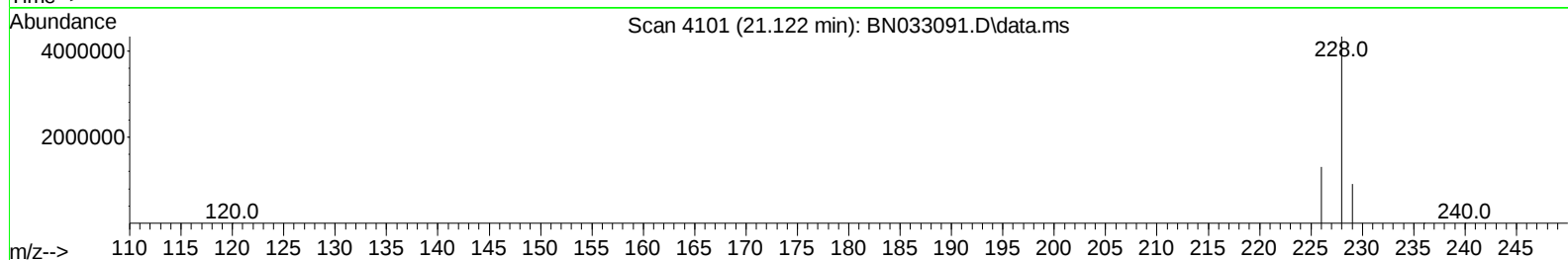
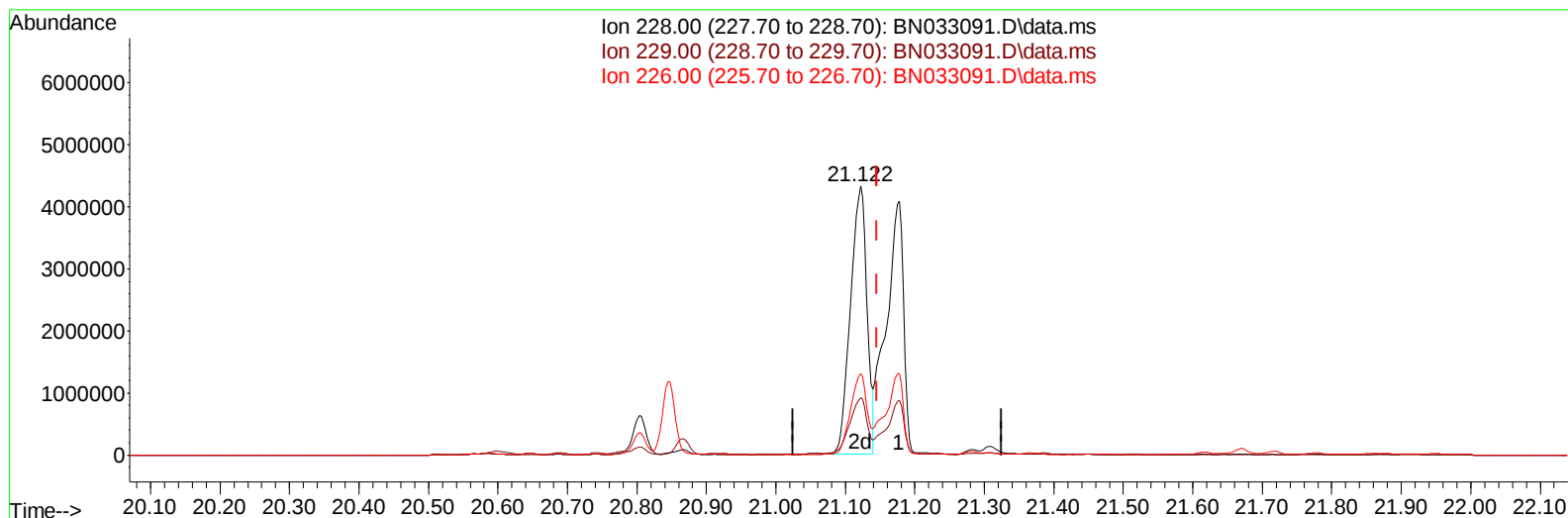
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(21) Benzo(a)anthracene

21.122min (-0.023) 135.02 ng/ul m

response 7133813

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	21.25
226.00	28.00	30.34
0.00	0.00	0.00

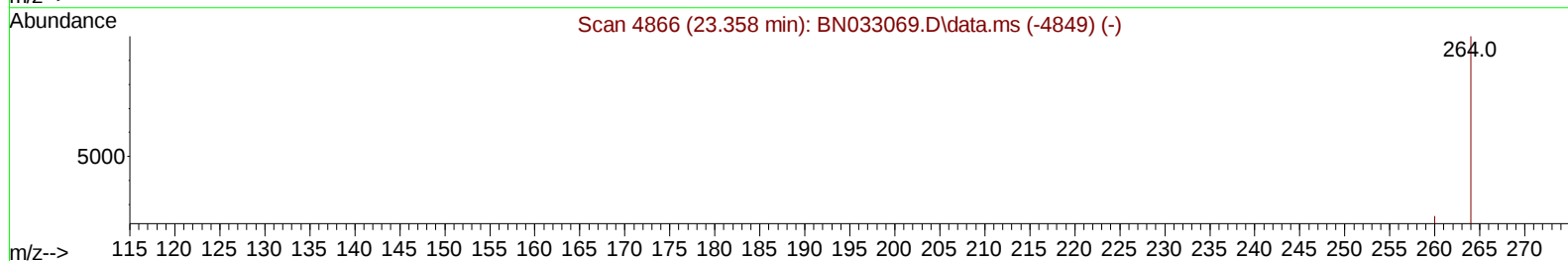
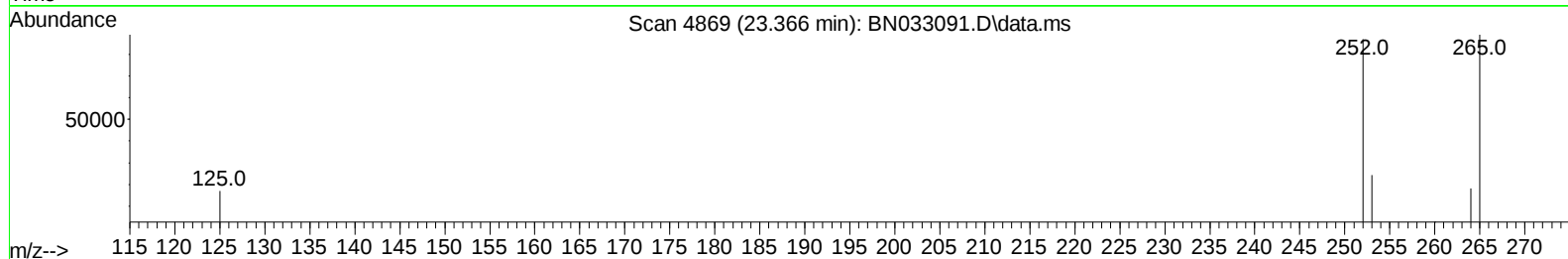
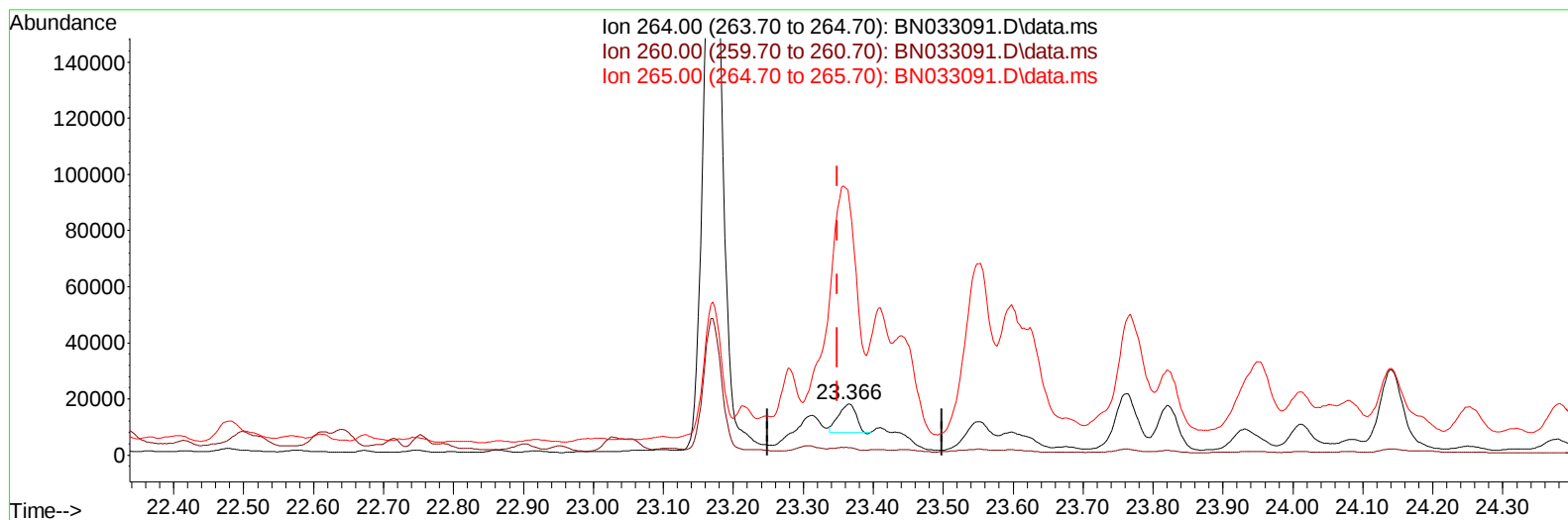
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(23) Perylene-d12 (I)

23.366min (+ 0.018) 0.40 ng/u1

response 17901

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	14.67#
265.00	80.60	485.58#
0.00	0.00	0.00

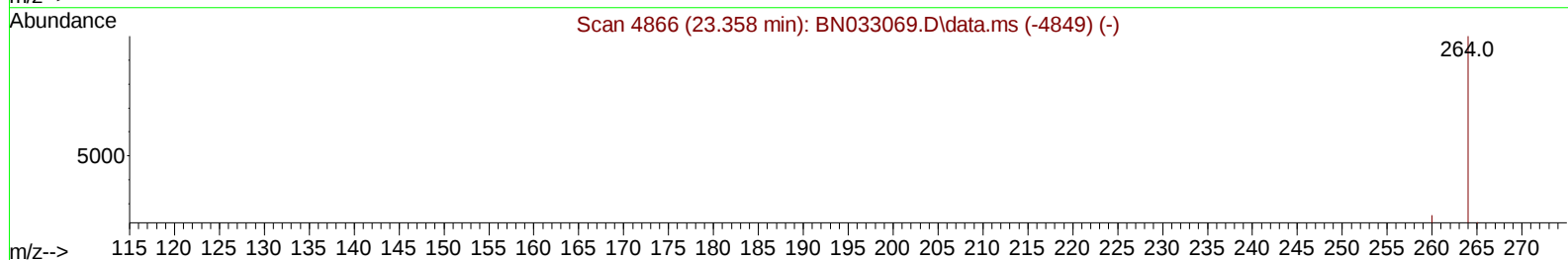
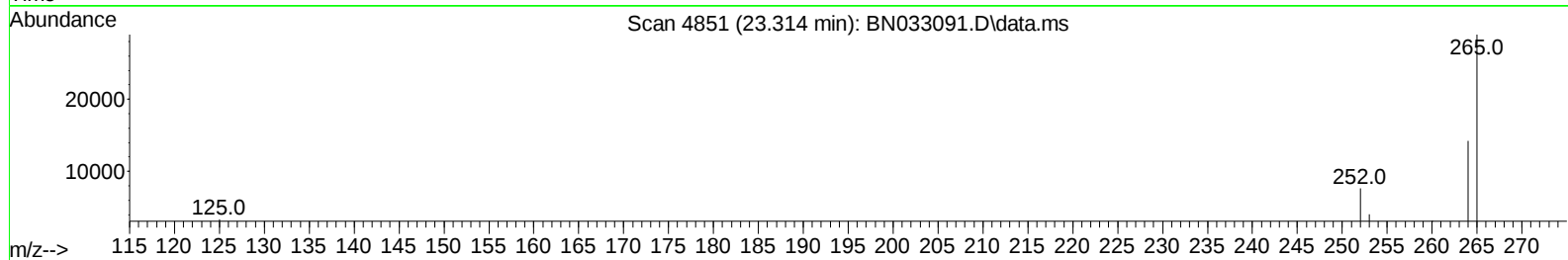
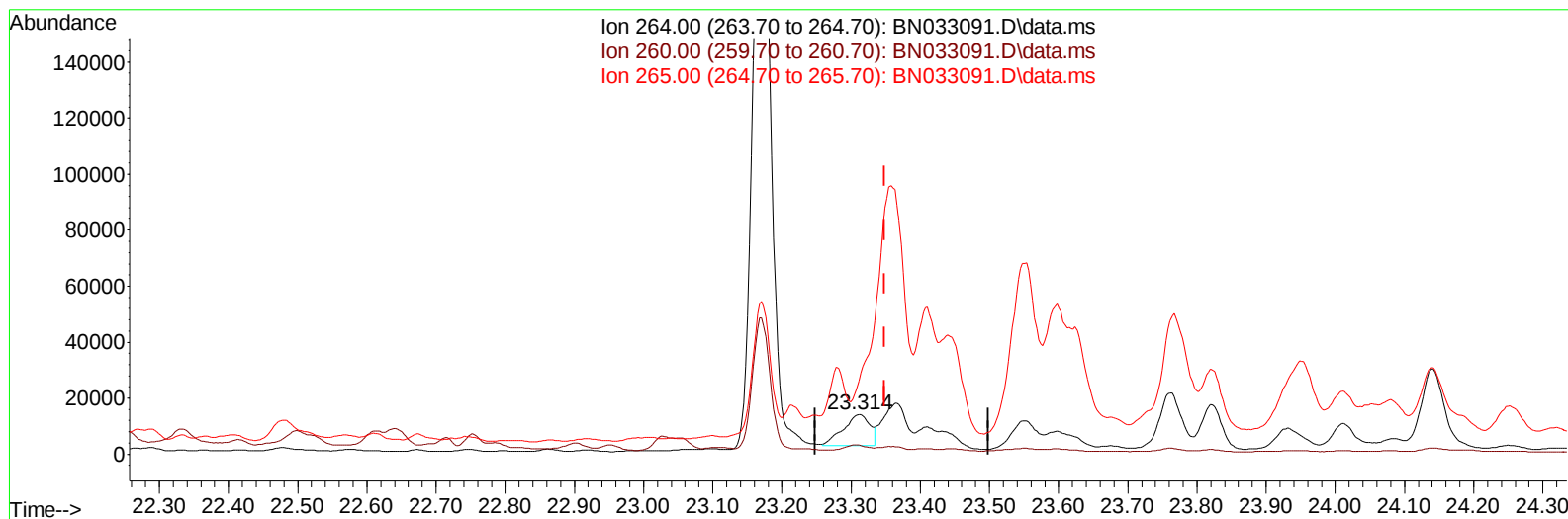
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(23) Perylene-d12 (I)

23.314min (-0.035) 0.40 ng/ul m

response 29988

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	21.76
265.00	80.60	203.77#
0.00	0.00	0.00

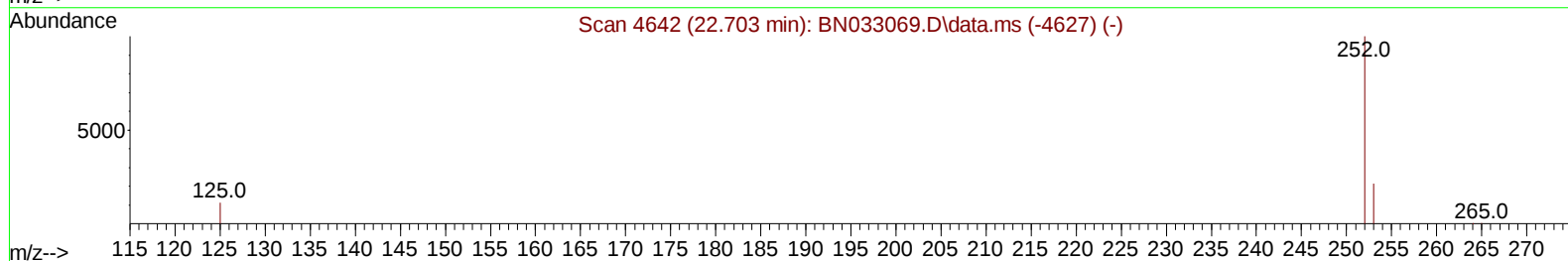
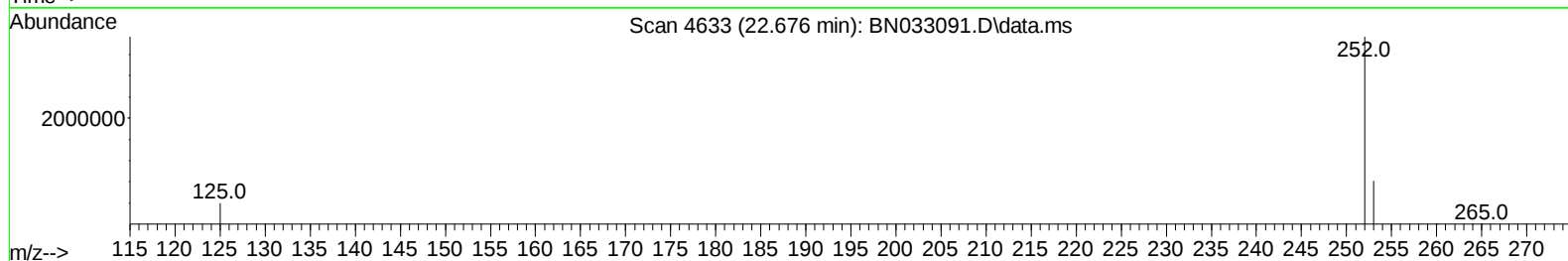
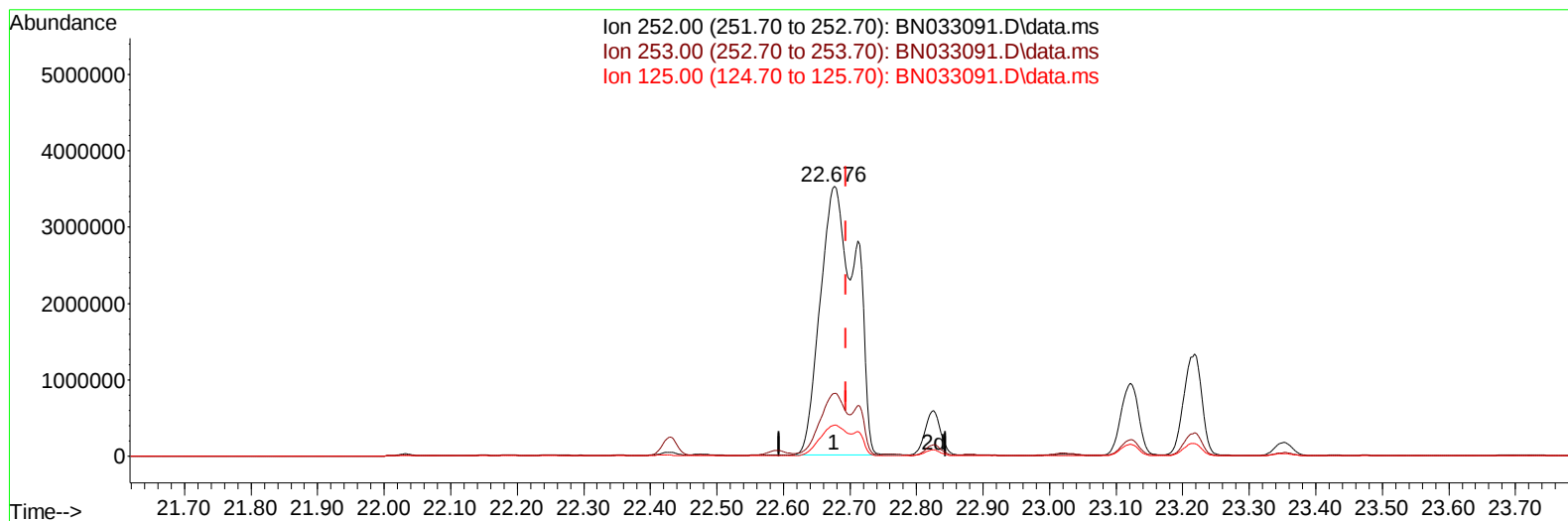
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(24) Benzo(b)fluoranthene

22.676min (-0.017) 148.19 ng/u1

response 12982091

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	23.23
125.00	25.50	11.37
0.00	0.00	0.00

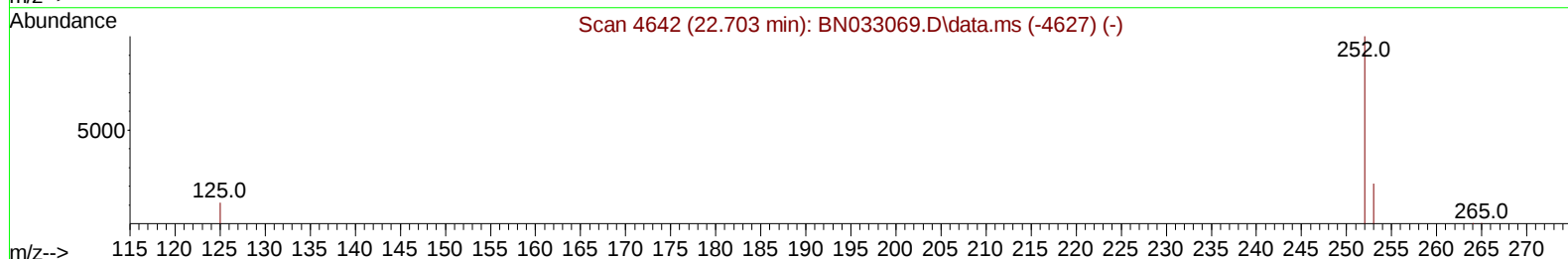
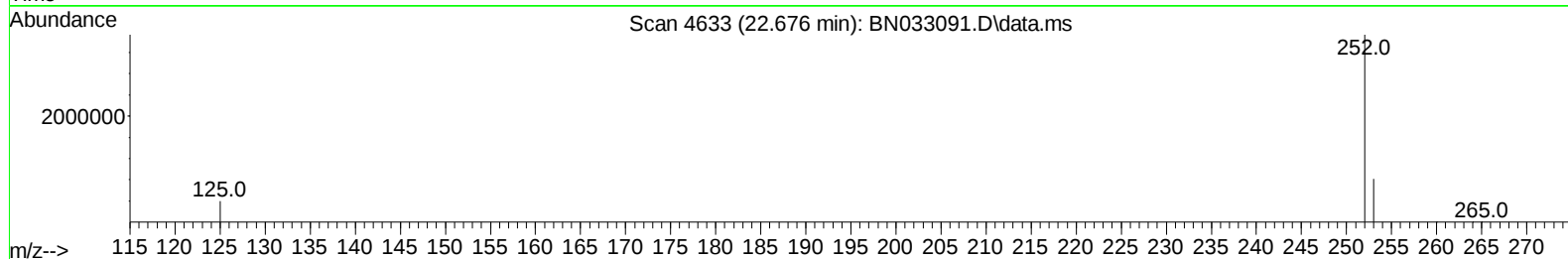
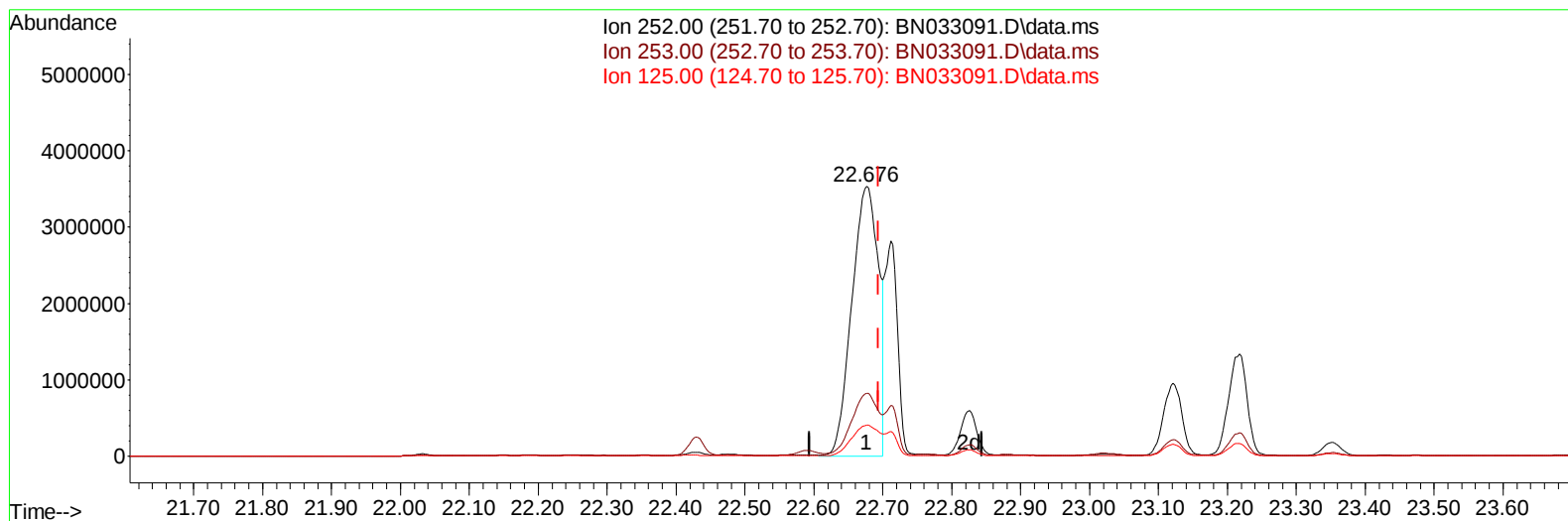
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(24) Benzo(b)fluoranthene

22.676min (-0.017) 108.92 ng/ul m

response 9541884

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	23.23
125.00	25.50	11.37
0.00	0.00	0.00

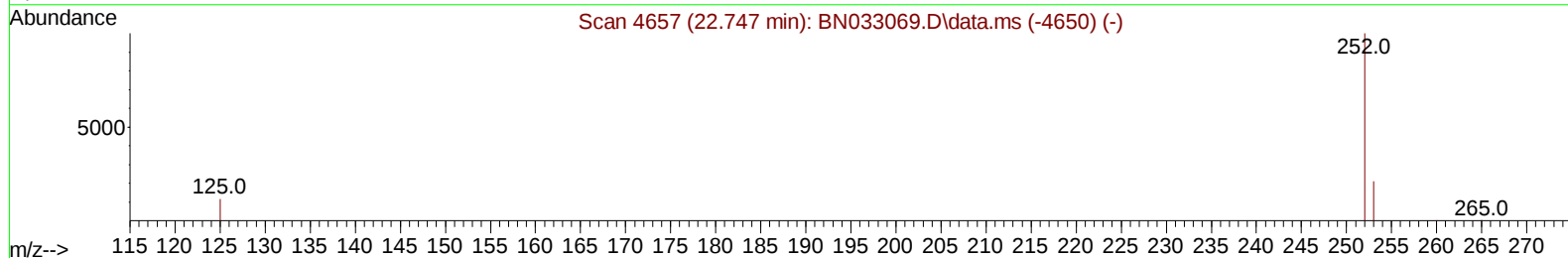
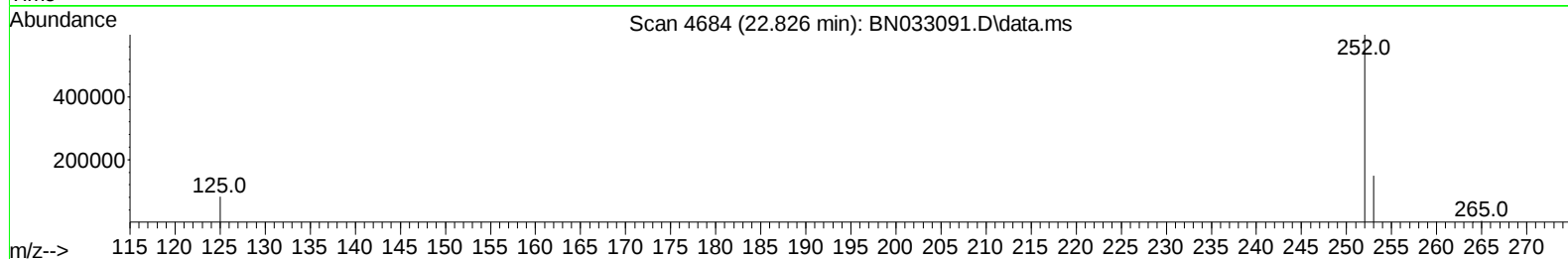
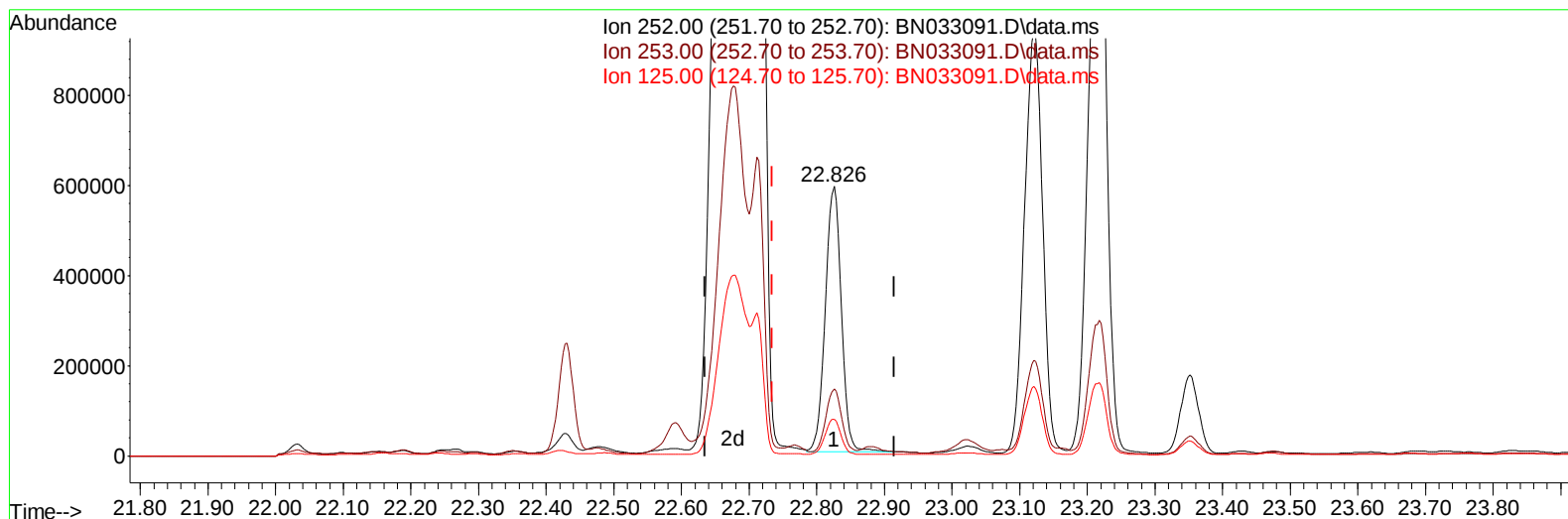
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(25) Benzo(k)fluoranthene

22.826min (+ 0.091) 9.25 ng/u1

response 971091

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	24.79#
125.00	26.10	13.62#
0.00	0.00	0.00

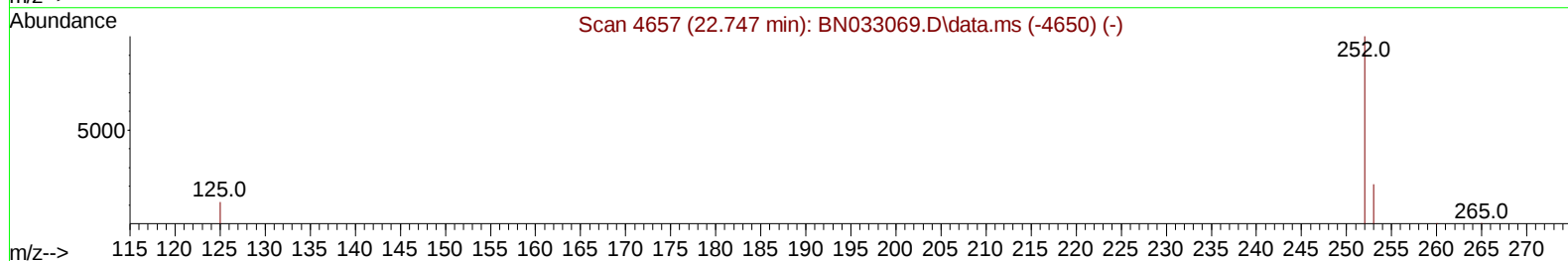
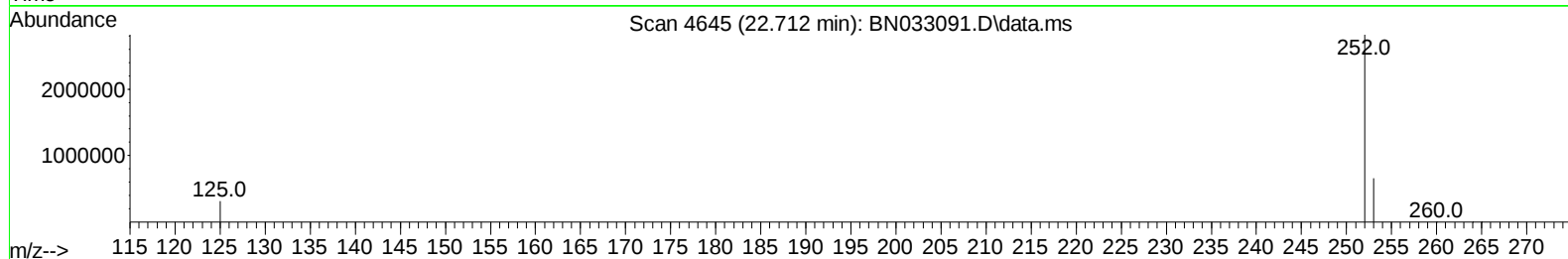
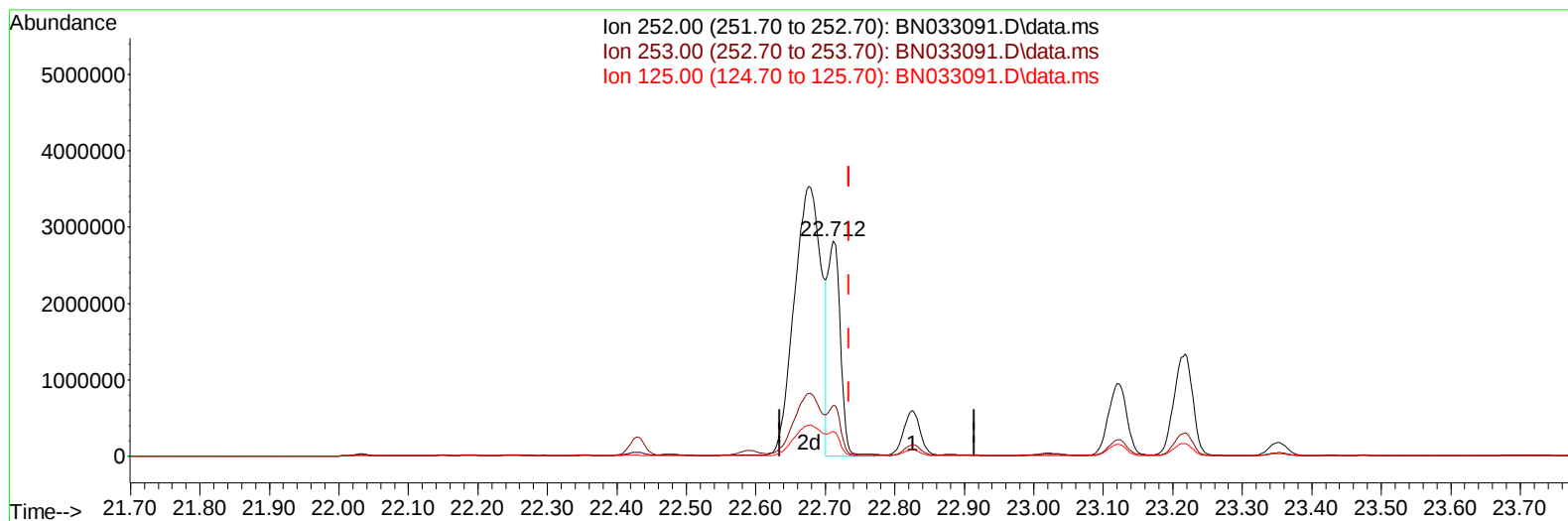
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033091.D
 Acq On : 30 Jul 2024 05:54
 Operator : MA/JU
 Sample : P3329-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(25) Benzo(k)fluoranthene

22.712min (-0.023) 34.06 ng/u1 m

response 3575835

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	23.53#
125.00	26.10	11.28#
0.00	0.00	0.00

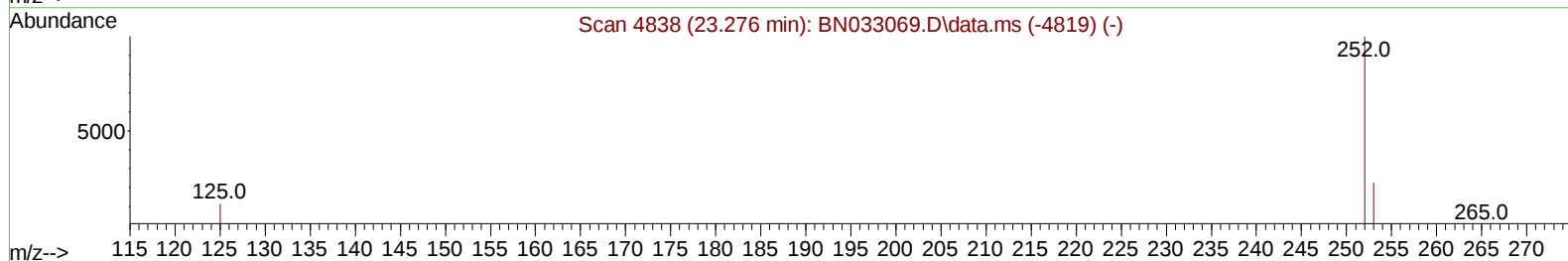
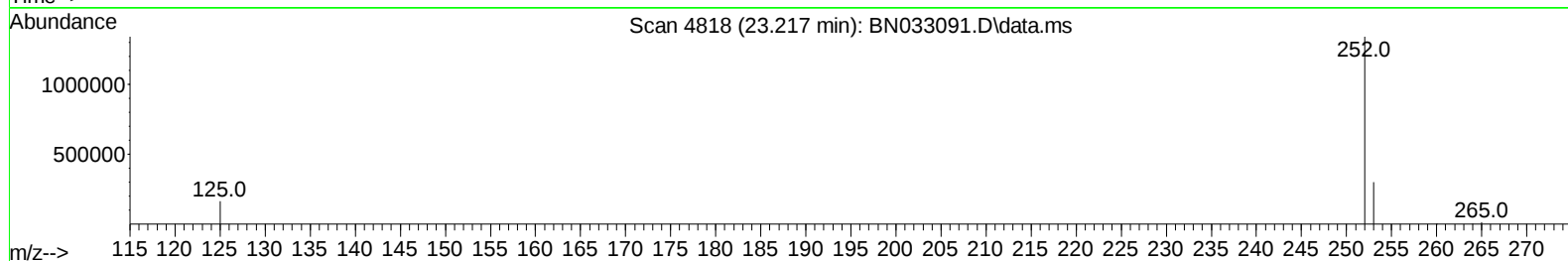
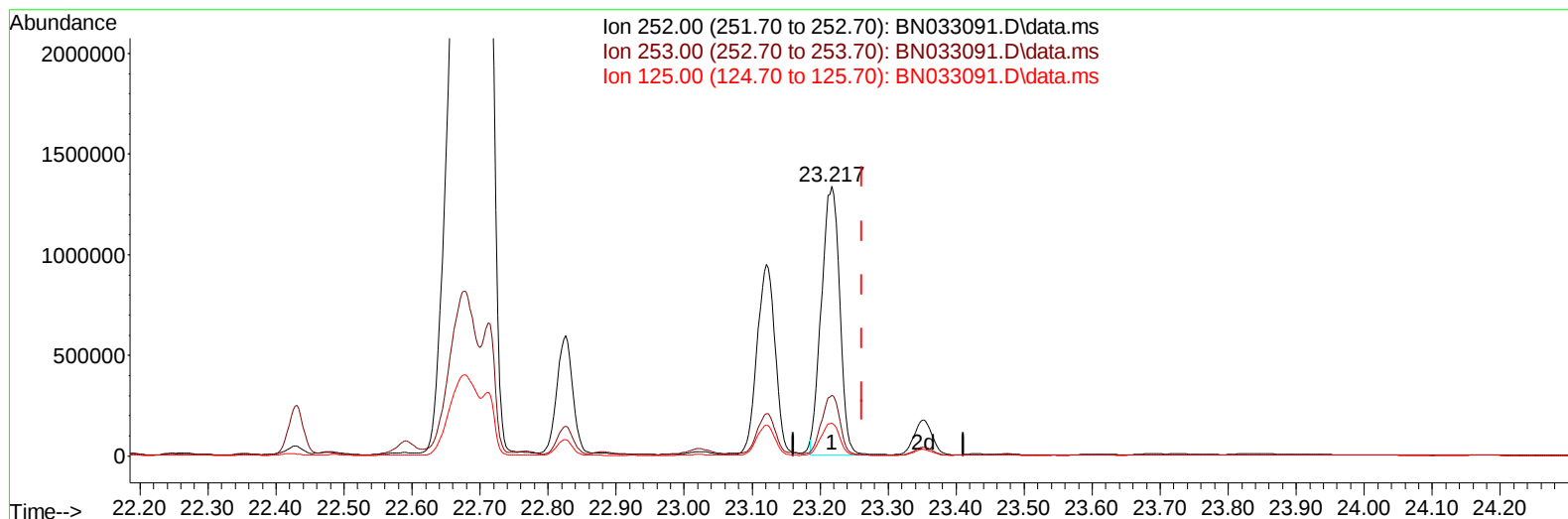
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(26) Benzo(a)pyrene (C)

23.217min (-0.044) 30.12 ng/u1

response 2483470

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	22.52#
125.00	33.80	12.21#
0.00	0.00	0.00

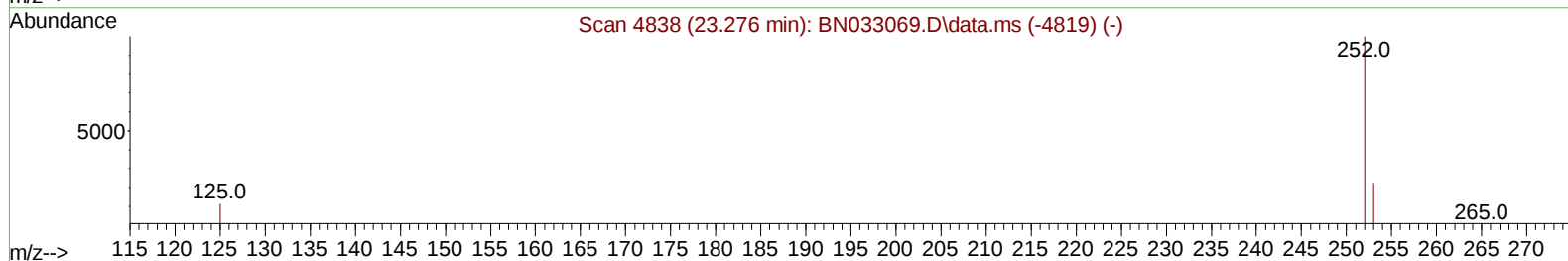
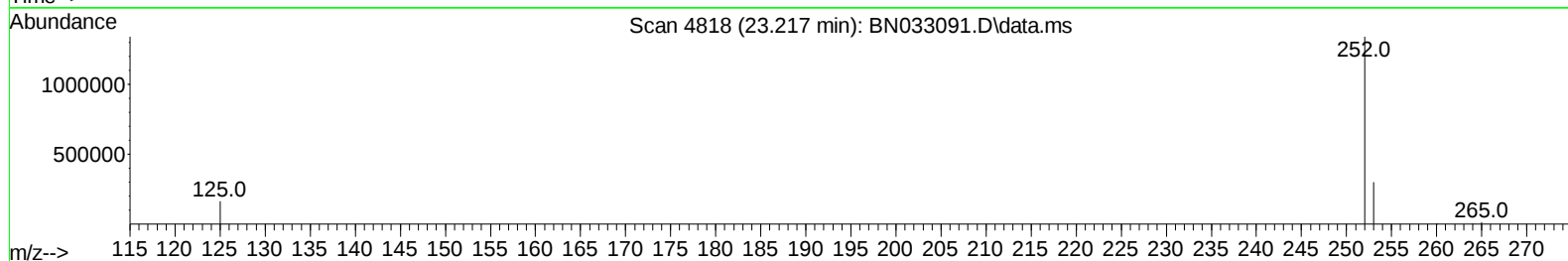
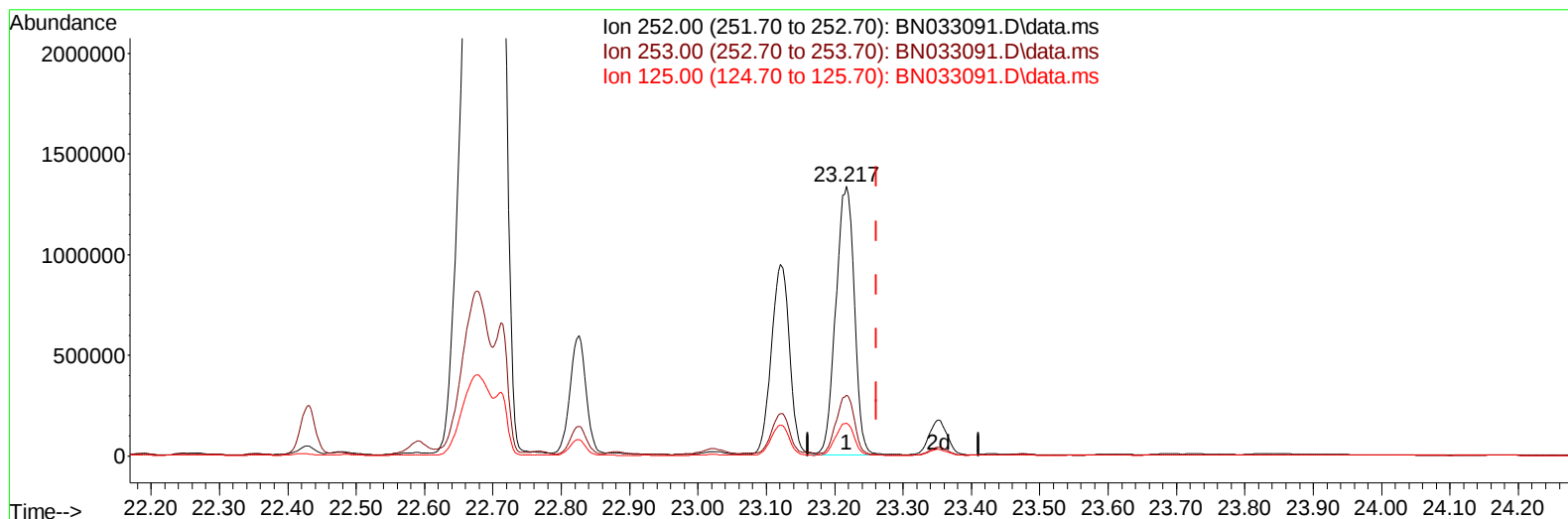
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(26) Benzo(a)pyrene (C)

23.217min (-0.044) 30.61 ng/ul m

response 2523967

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	22.52#
125.00	33.80	12.21#
0.00	0.00	0.00

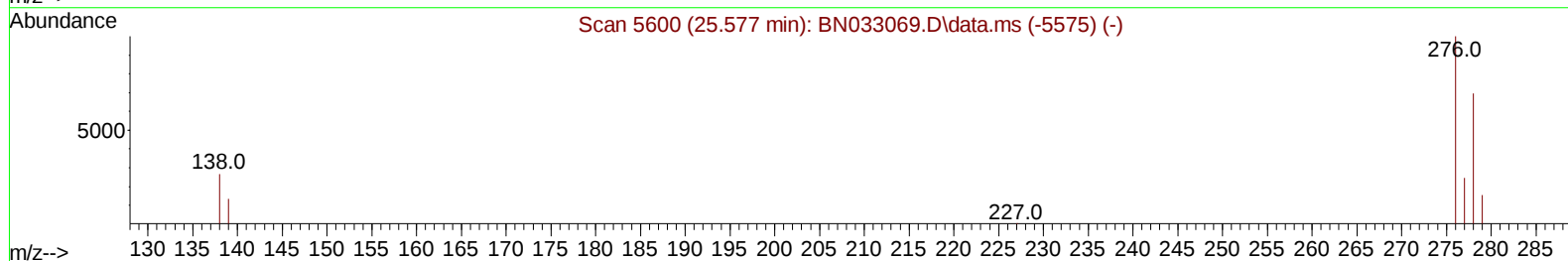
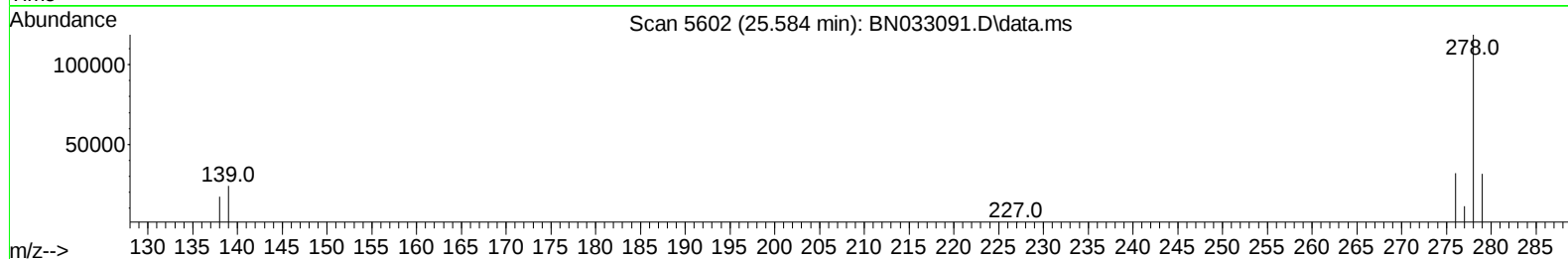
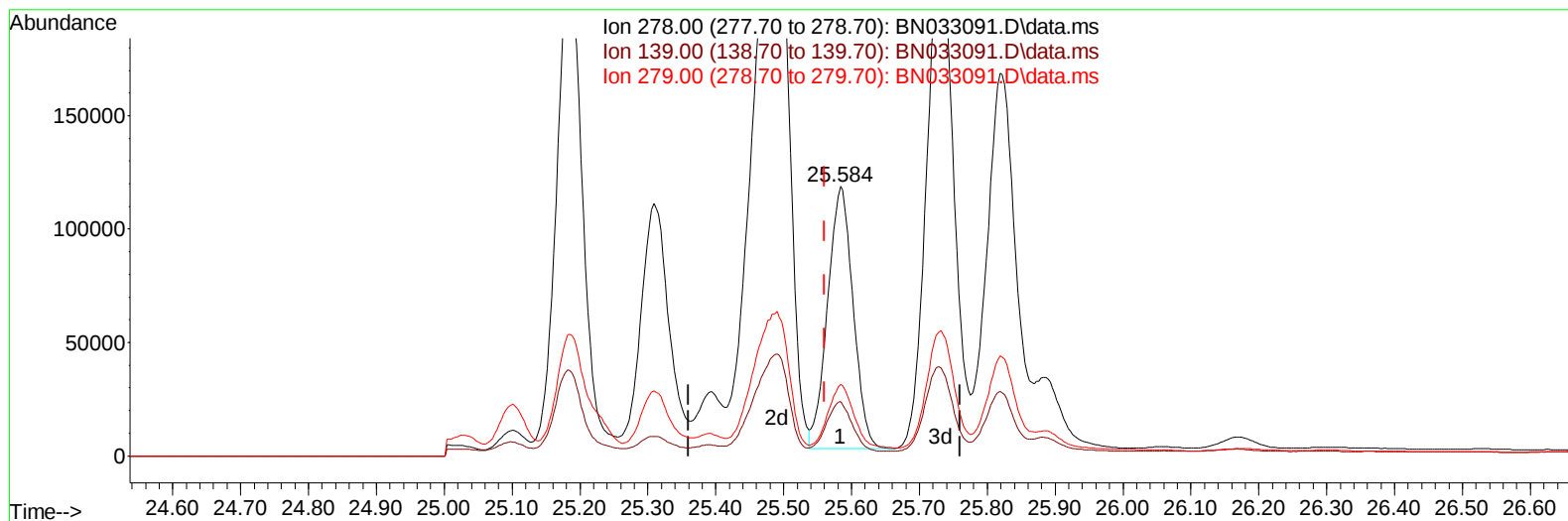
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(28) Dibenzo(a,h)anthracene

25.584min (+ 0.024) 3.03 ng/u1

response 301281

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	20.15#
279.00	31.90	26.63
0.00	0.00	0.00

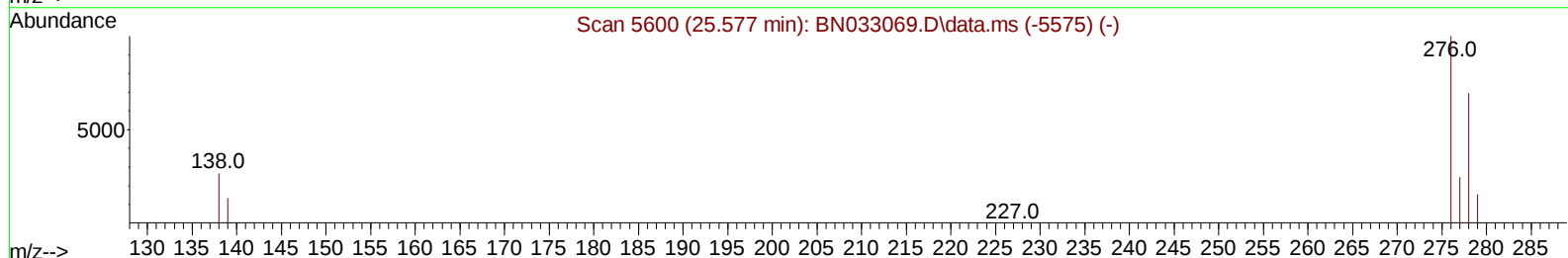
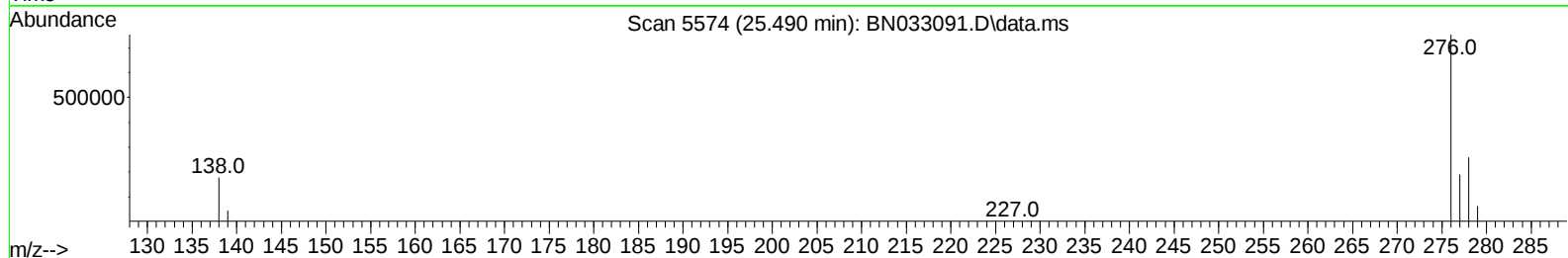
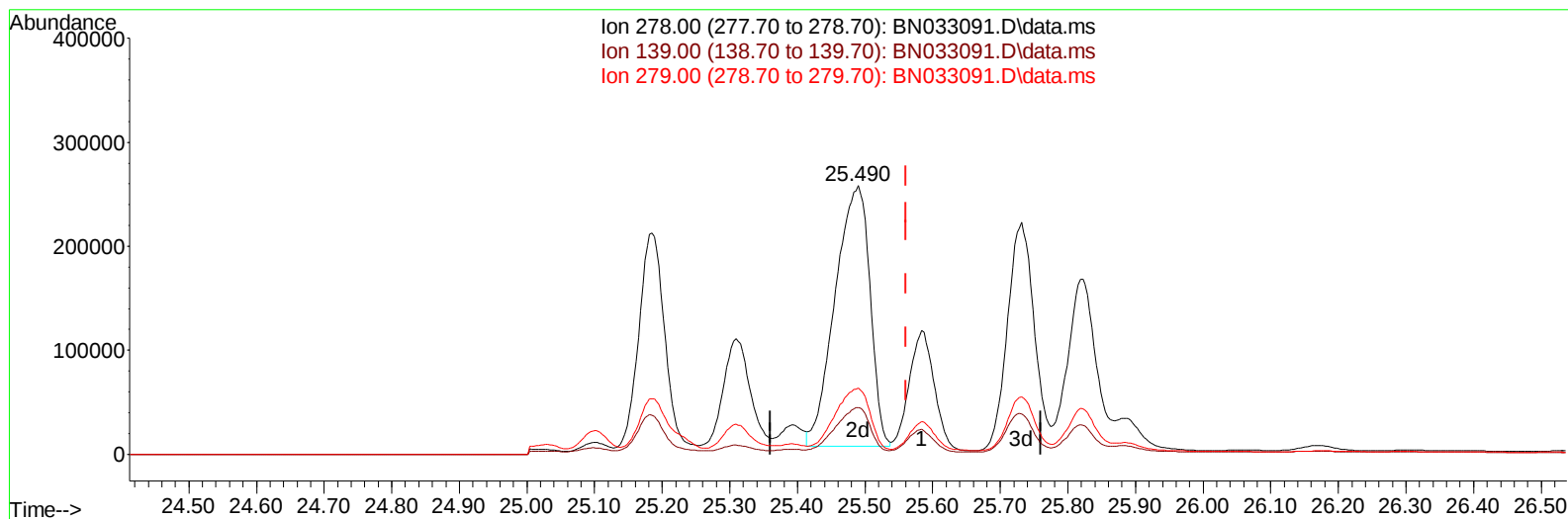
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Jul 30 06:20:10 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: BN033091.D\data.ms

(28) Dibenzo(a,h)anthracene

25.490min (-0.070) 9.01 ng/ul m

response 895315

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	17.37#
279.00	31.90	24.70#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033091.D
 Acq On : 30 Jul 2024 05:54
 Operator : MA/JU
 Sample : P3329-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E20

Manual IntegrationsAPPROVED

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

Quant Time: Jul 30 06:20:10 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.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.491	152	2554	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.245	136	8296	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.134	164	6612	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.899	188	14104m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.137	240	15490m	0.400	ng/ul	-0.02
23) Perylene-d12	23.314	264	29988m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	8088	2.504	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.851	152	2425	0.179	ng/ul	-0.06
18) Fluoranthene-d10	18.944	212	8290m	0.189	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.289	128	615488	28.890	ng/ul#	92
7) 2-Methylnaphthalene	11.928	142	91649	6.350	ng/ul	96
8) 1-Methylnaphthalene	12.148	142	47402	3.037	ng/ul	100
10) Acenaphthylene	13.852	152	861958	31.854	ng/ul	97
11) Acenaphthene	14.199	153	117430	5.769	ng/ul	98
12) Fluorene	15.198	166	97704	4.118	ng/ul	98
15) Phenanthrene	16.941	178	462835m	12.234	ng/ul	
16) Anthracene	17.034	178	503467m	14.802	ng/ul	
19) Fluoranthene	18.986	202	6759277m	132.528	ng/ul	
20) Pyrene	19.358	202	10157713m	185.717	ng/ul	
21) Benzo(a)anthracene	21.122	228	7133813m	135.018	ng/ul	
22) Chrysene	21.177	228	7170141	116.282	ng/ul	98
24) Benzo(b)fluoranthene	22.676	252	9541884m	108.924	ng/ul	
25) Benzo(k)fluoranthene	22.712	252	3575835m	34.062	ng/ul	
26) Benzo(a)pyrene	23.217	252	2523967m	30.614	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.500	276	2304521	18.382	ng/ul	92
28) Dibenzo(a,h)anthracene	25.490	278	895315m	9.011	ng/ul	
29) Benzo(g,h,i)perylene	26.157	276	289499	2.906	ng/ul	92

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

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