

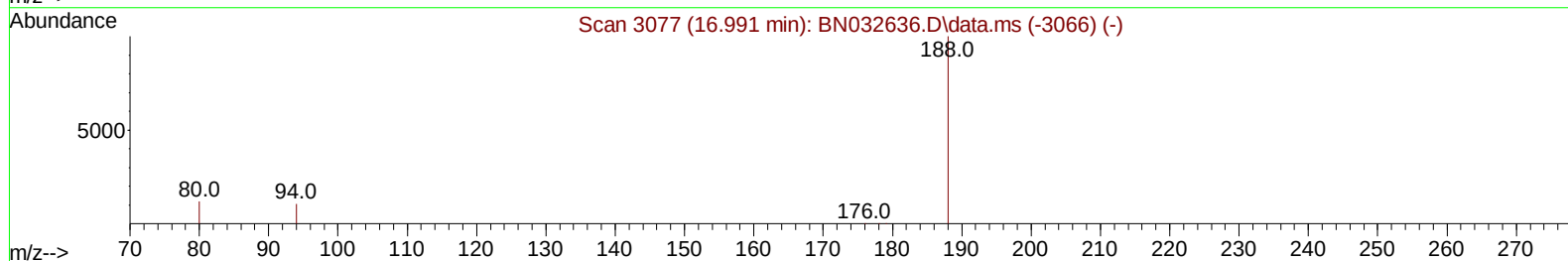
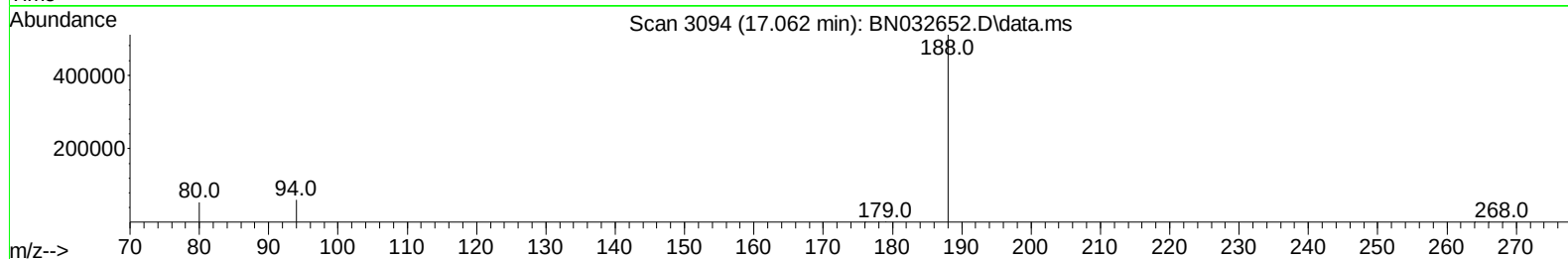
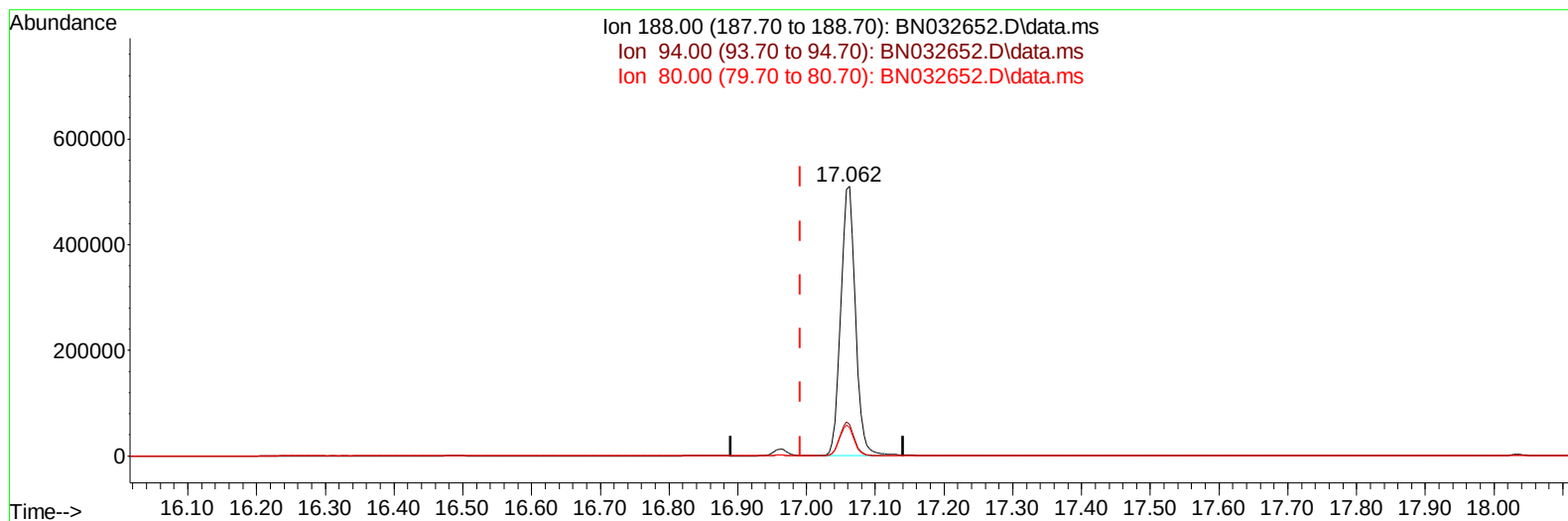
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(13) Phenanthrene-d10 (I)

17.062min (+ 0.072) 0.40 ng/u1

response 757523

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.77
80.00	12.00	10.49
0.00	0.00	0.00

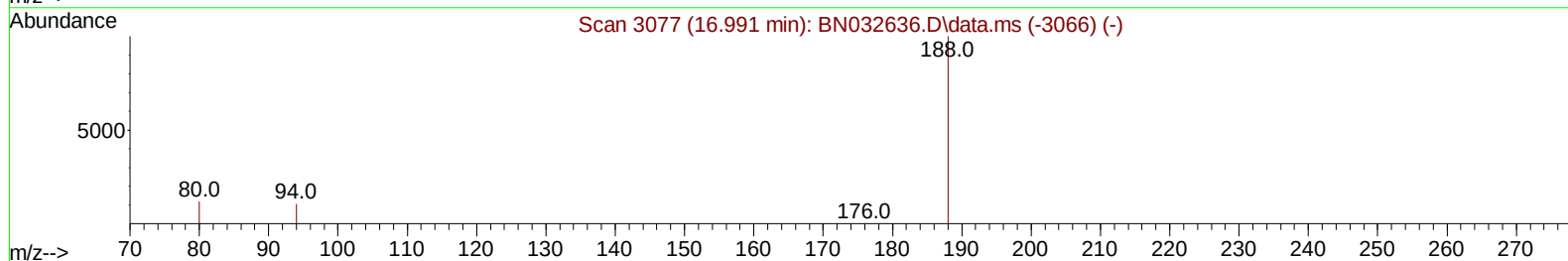
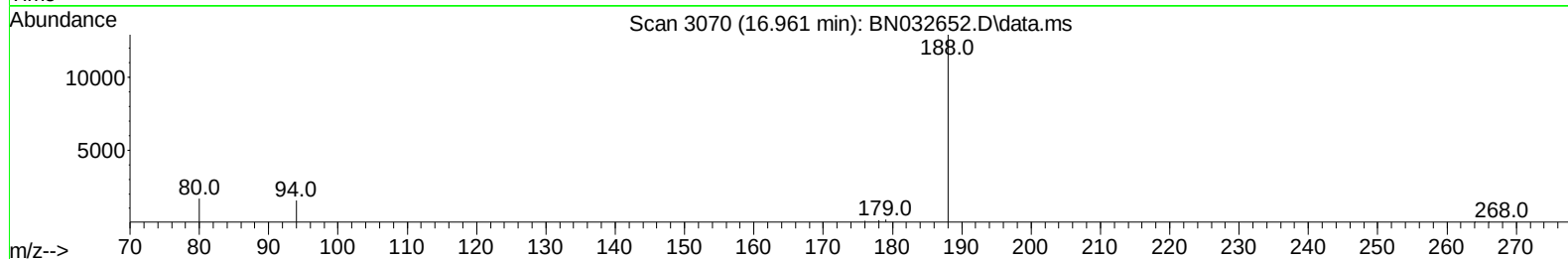
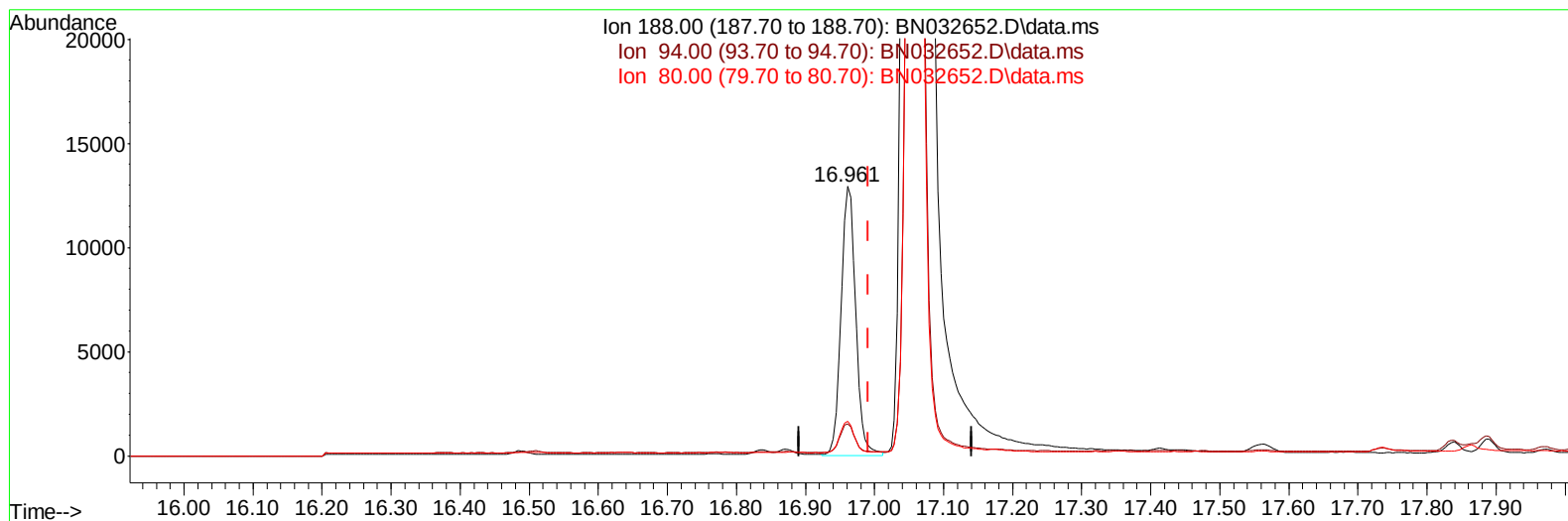
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(13) Phenanthrene-d10 (I)

16.961min (-0.030) 0.40 ng/ul m

response 19147

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.81
80.00	12.00	12.85
0.00	0.00	0.00

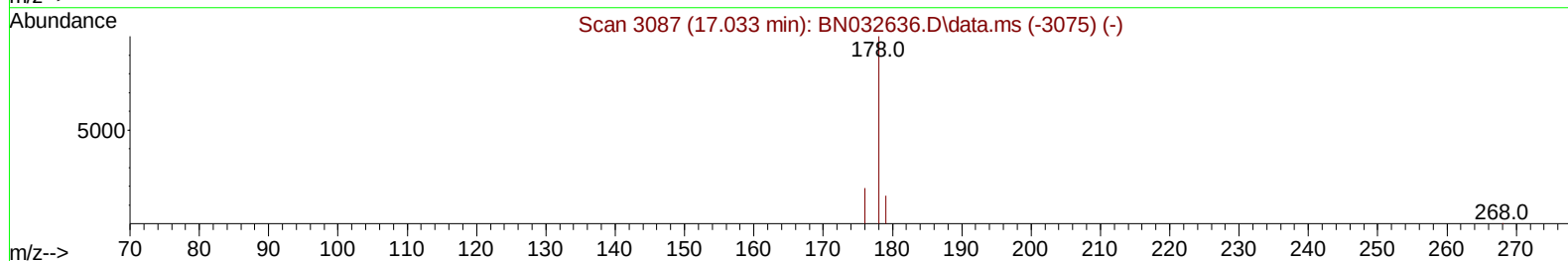
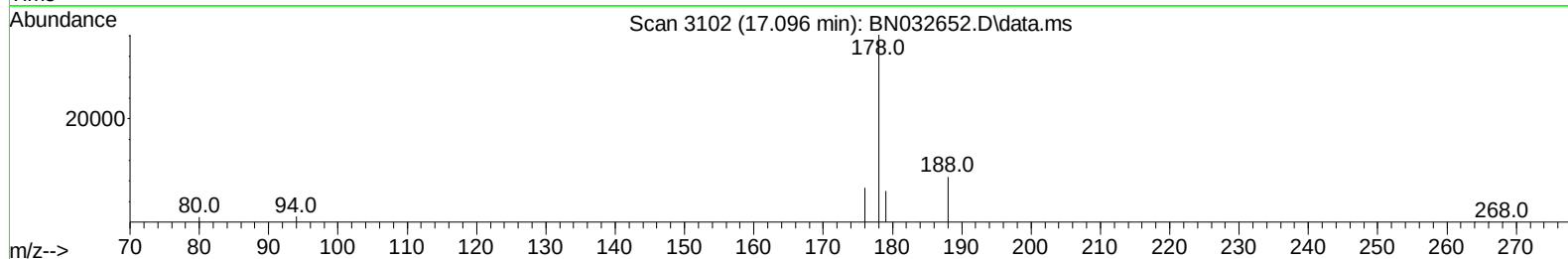
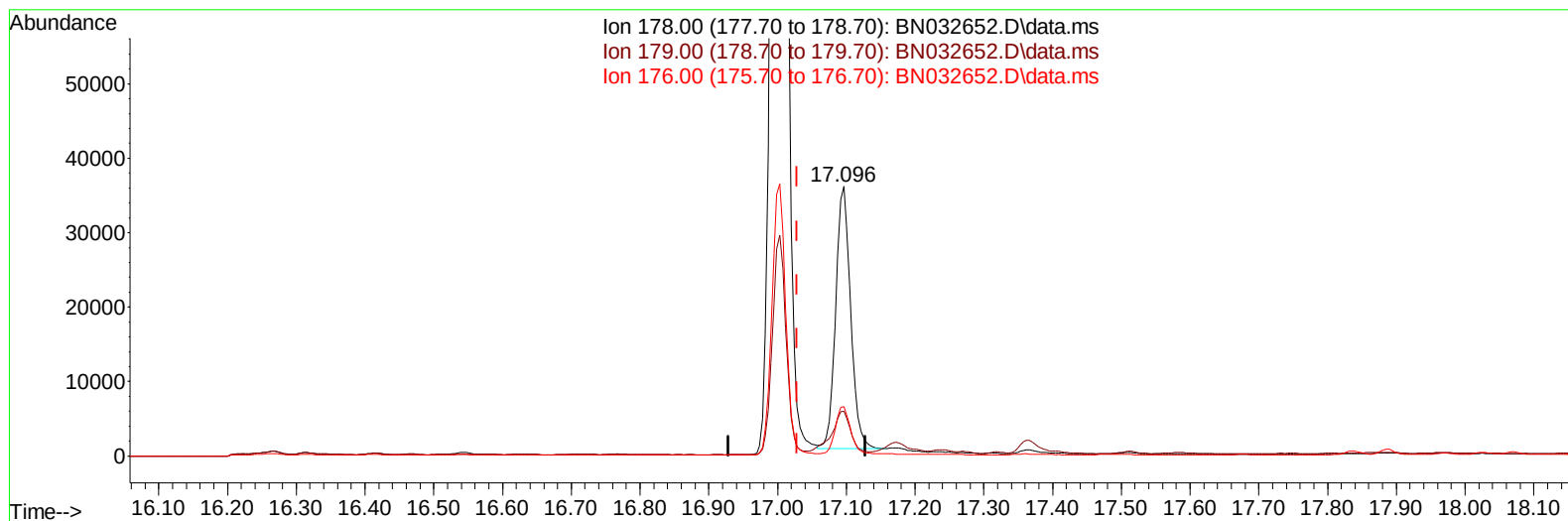
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(15) Phenanthrene

17.096min (+ 0.067) 1.01 ng/u1

response 52872

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.62
176.00	19.50	18.39
0.00	0.00	0.00

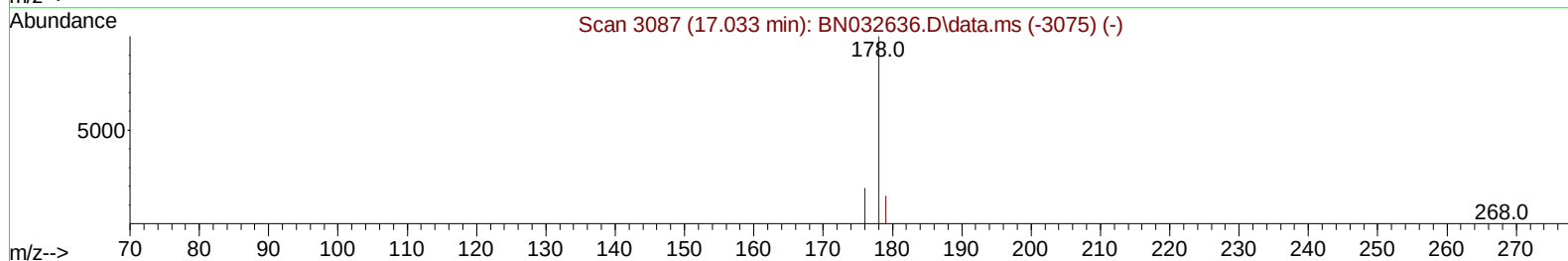
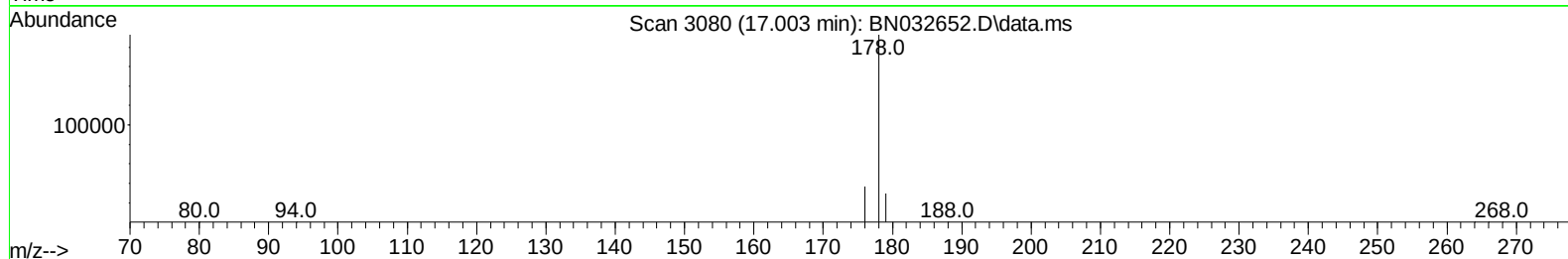
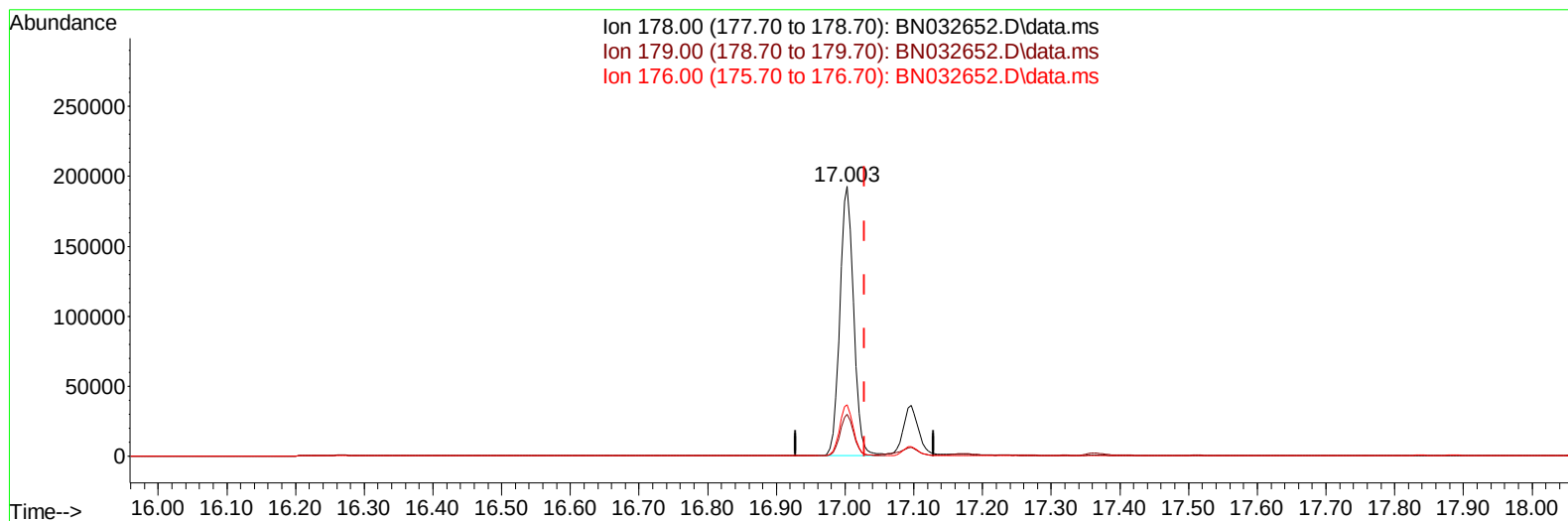
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032652.D\data.ms

(15) Phenanthrene

17.003min (-0.025) 5.14 ng/ul m

response 268177

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.40
176.00	19.50	18.96
0.00	0.00	0.00

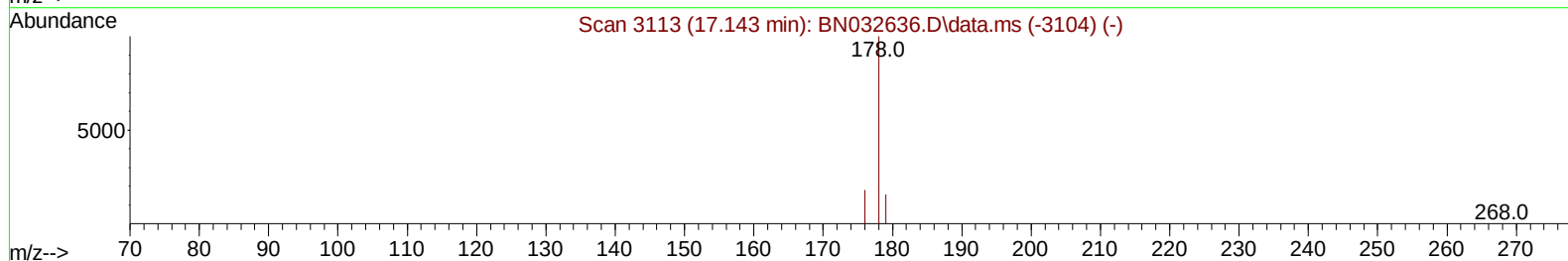
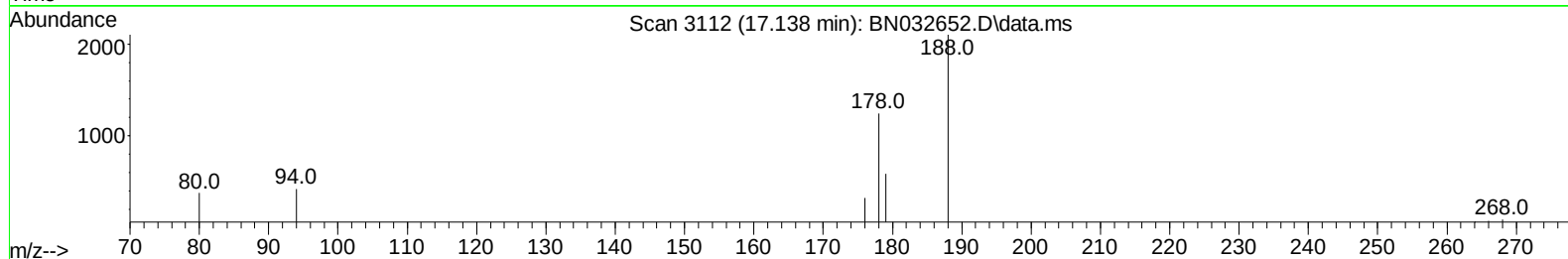
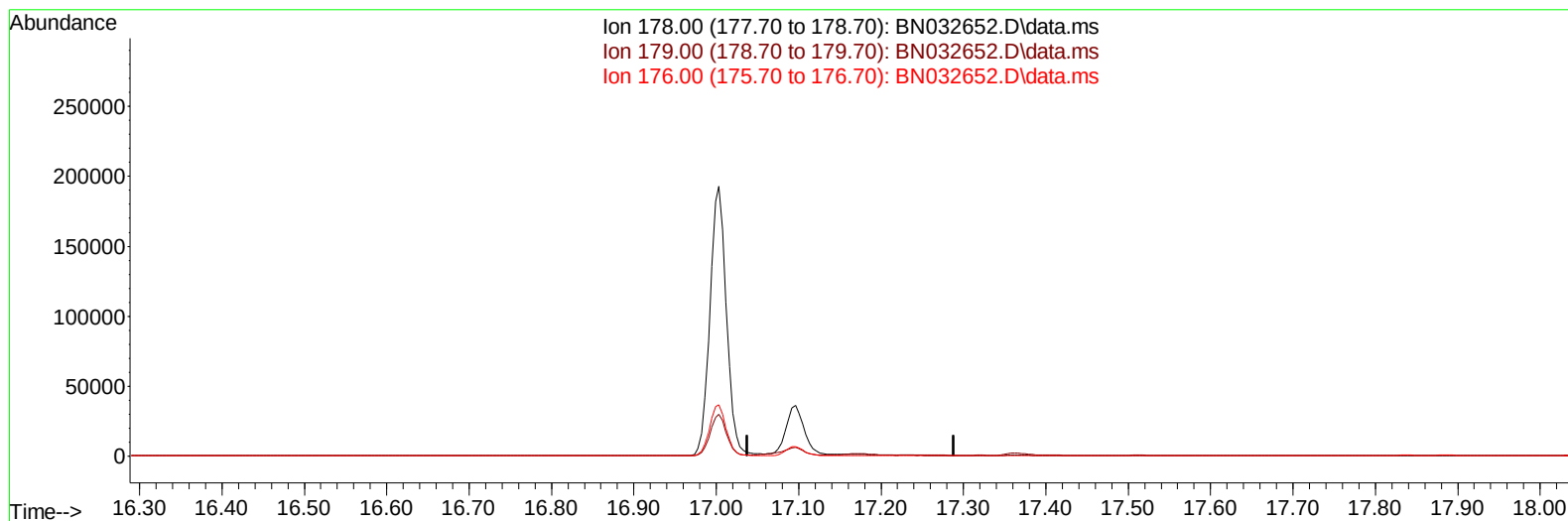
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(16) Anthracene

17.138min (-17.138) 0.00 ng/ul

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	16.80	0.00#
176.00	19.20	0.00#
0.00	0.00	0.00

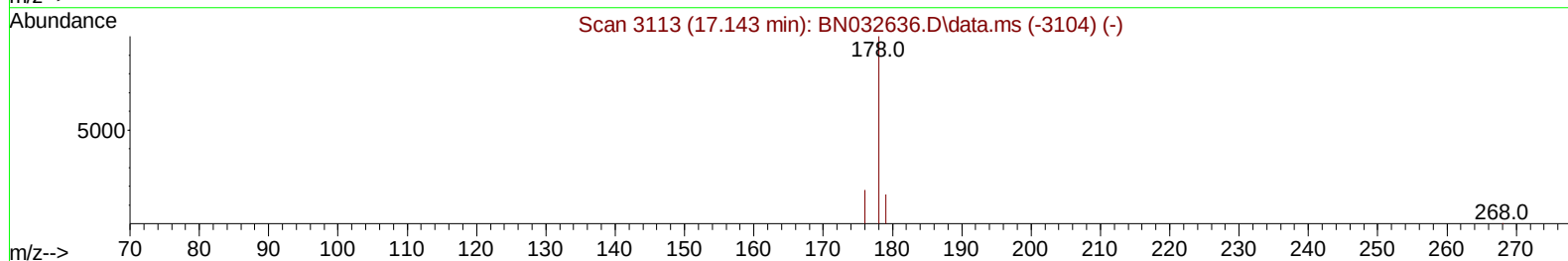
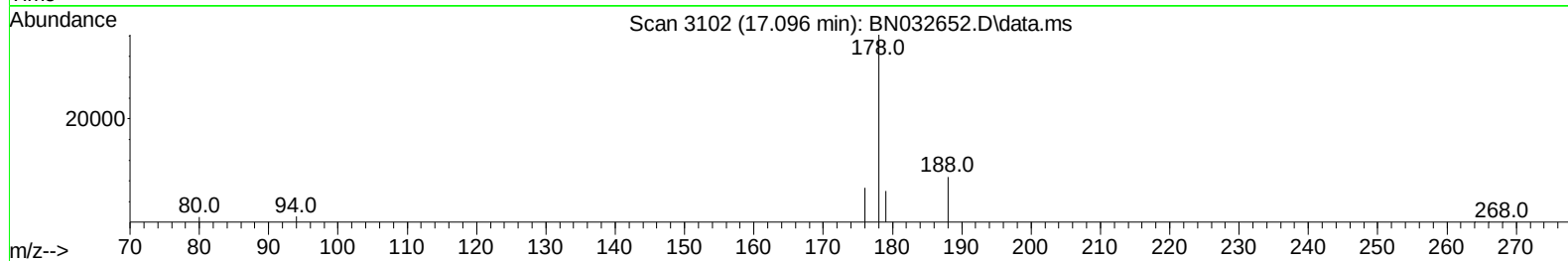
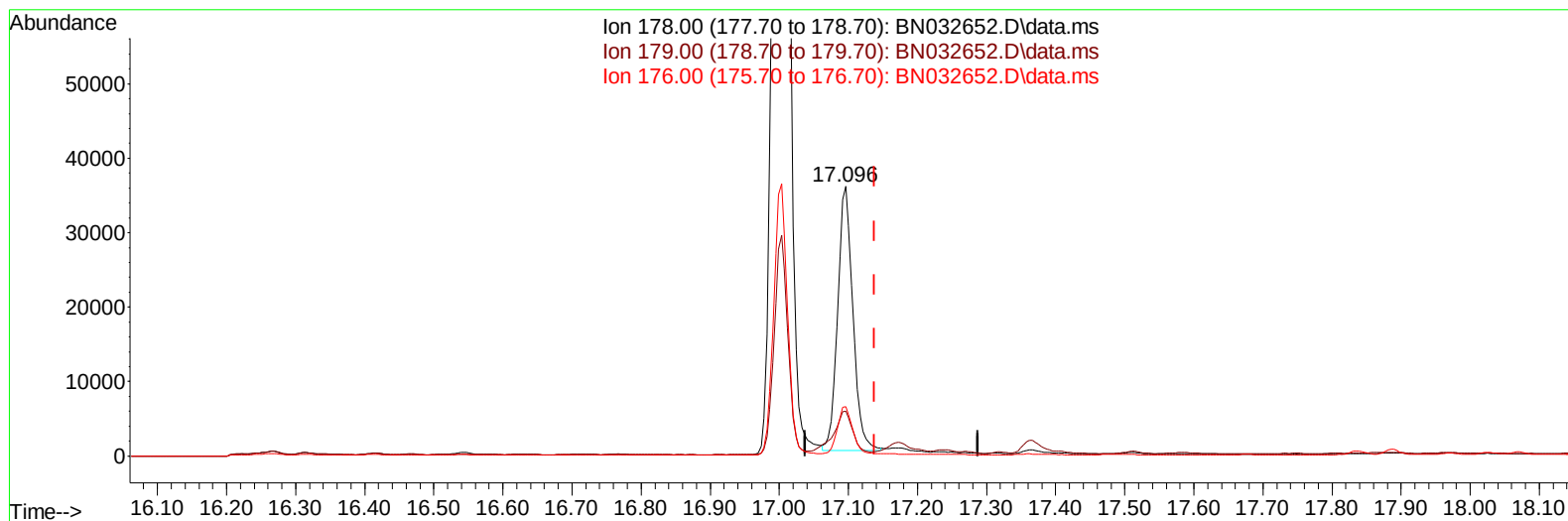
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(16) Anthracene

17.096min (-0.042) 1.27 ng/ul m

response 53940

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.62
176.00	19.20	18.39
0.00	0.00	0.00

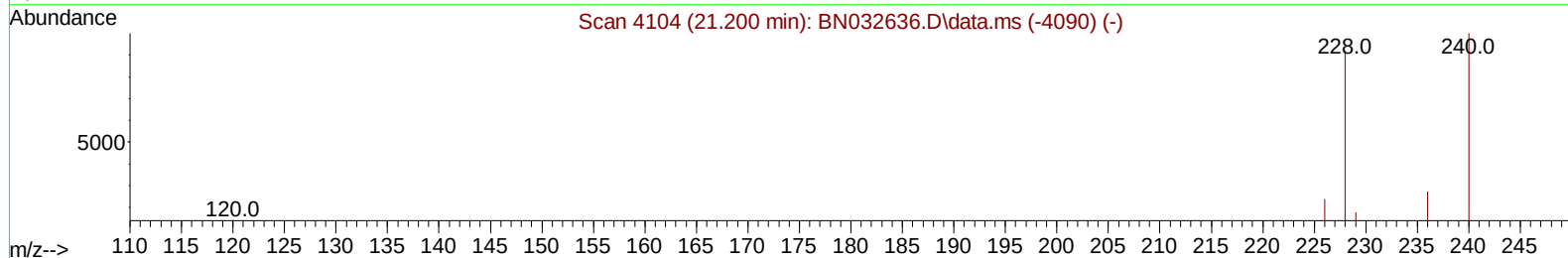
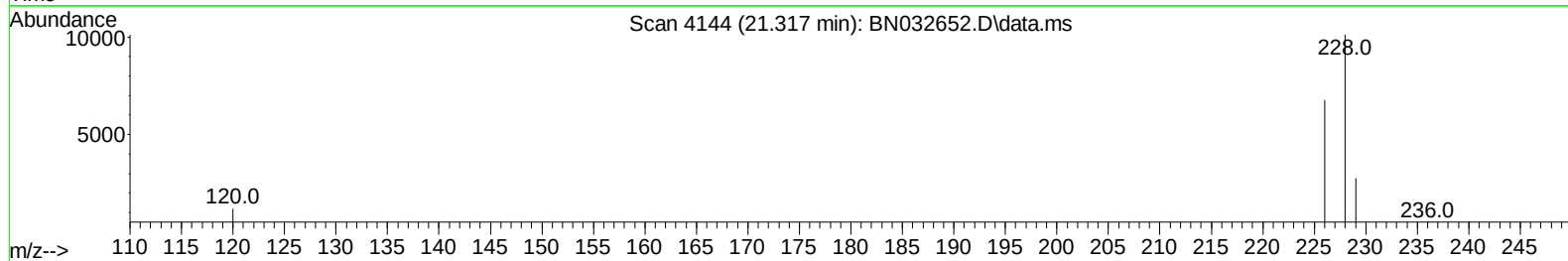
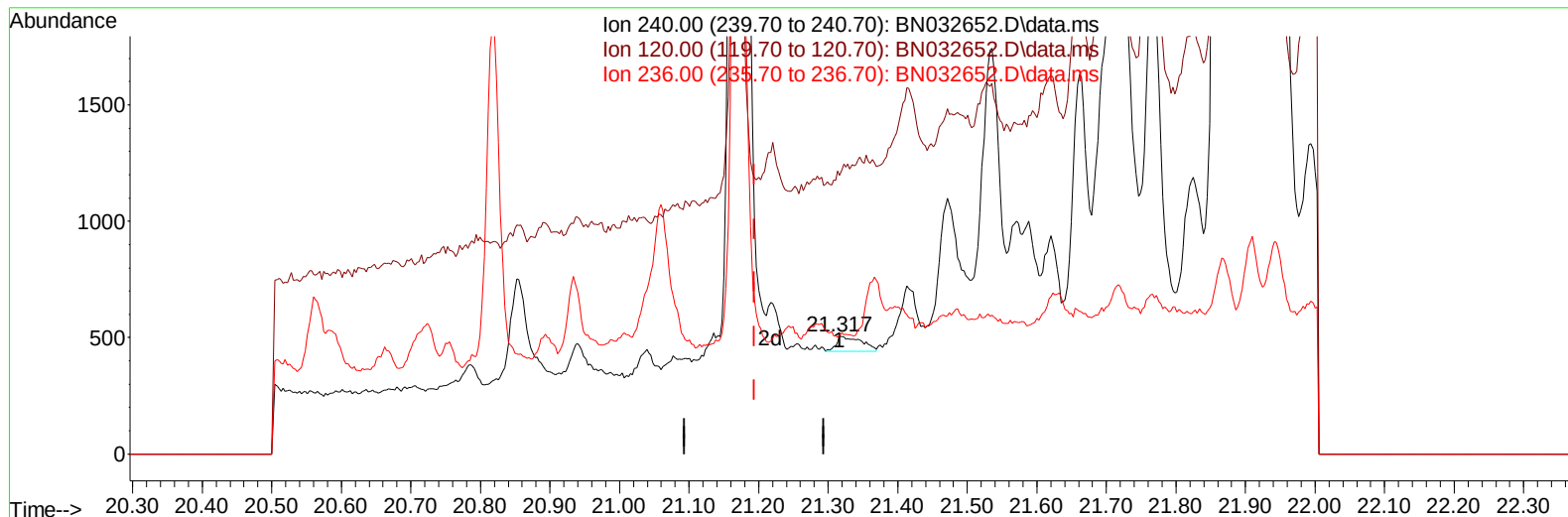
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
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TIC: BN032652.D\data.ms

(17) Chrysene-d12

21.317min (+ 0.123) 0.40 ng/u1

response 166

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	236.56#
236.00	28.40	100.59#
0.00	0.00	0.00

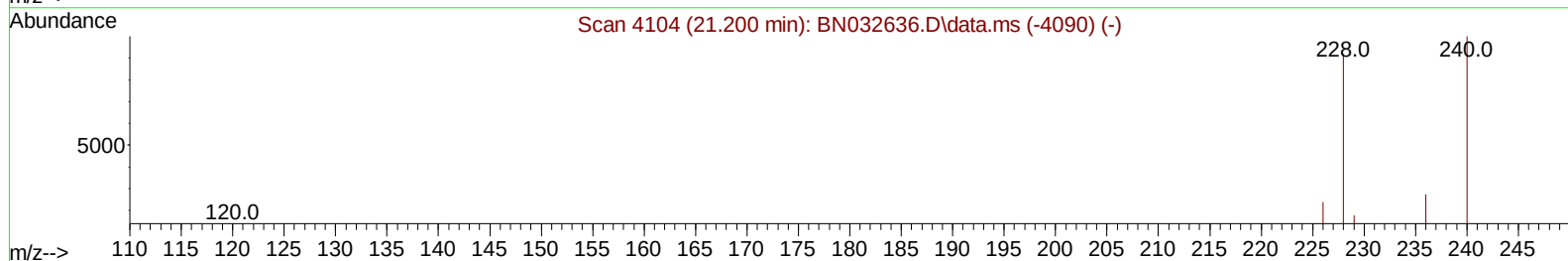
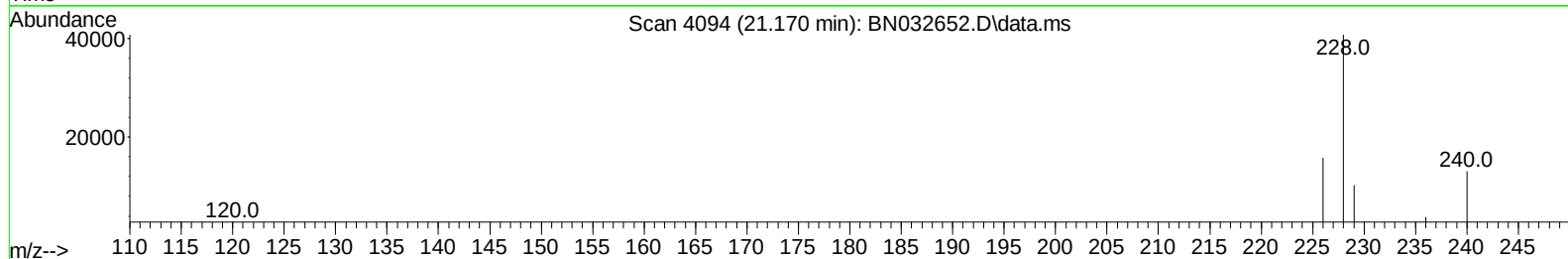
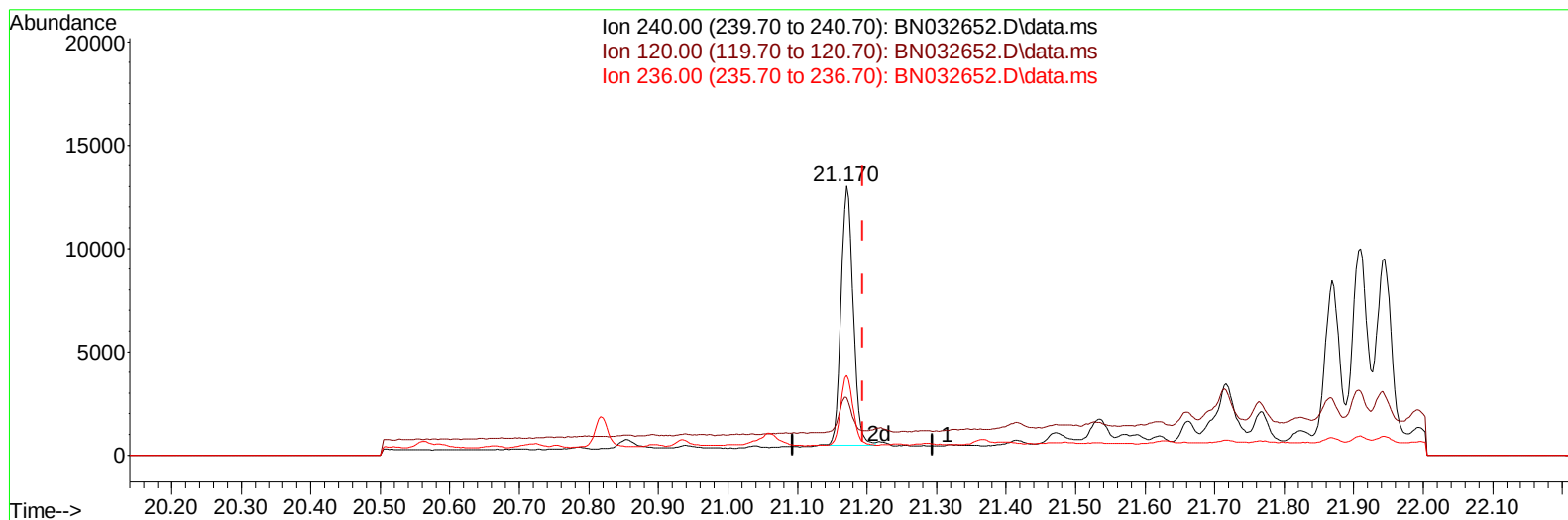
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032652.D\data.ms

(17) Chrysene-d12

21.170min (-0.023) 0.40 ng/ul m

response 15248

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	21.32
236.00	28.40	29.70
0.00	0.00	0.00

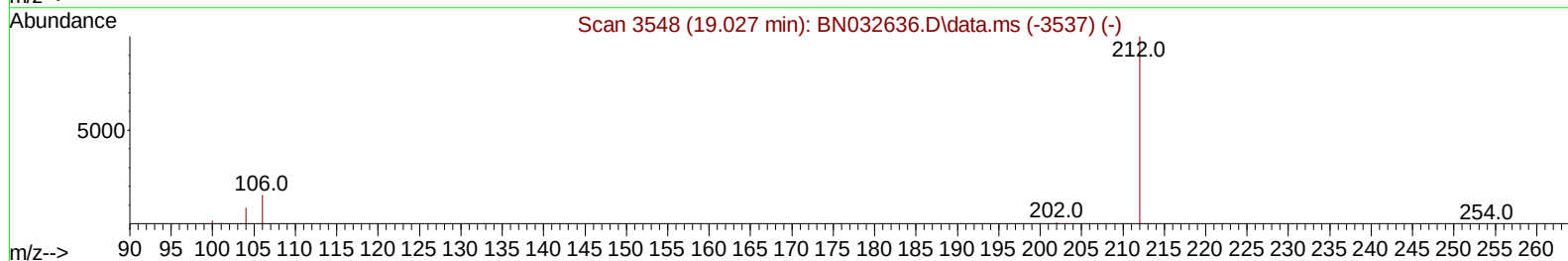
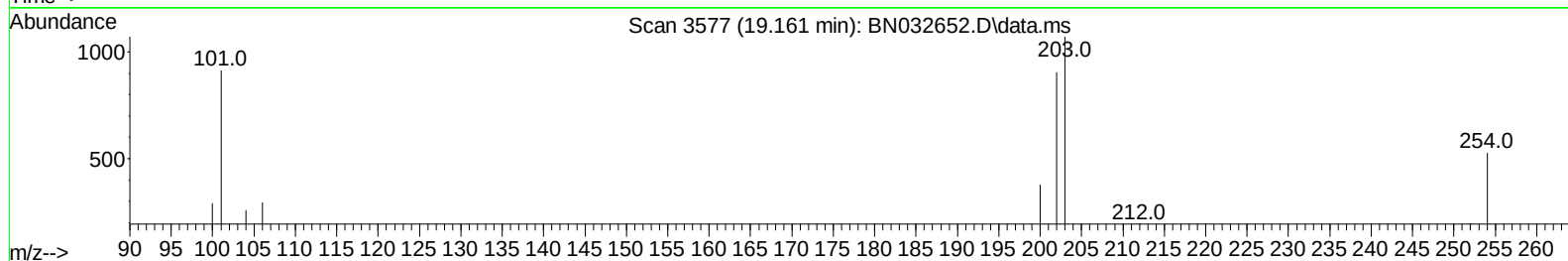
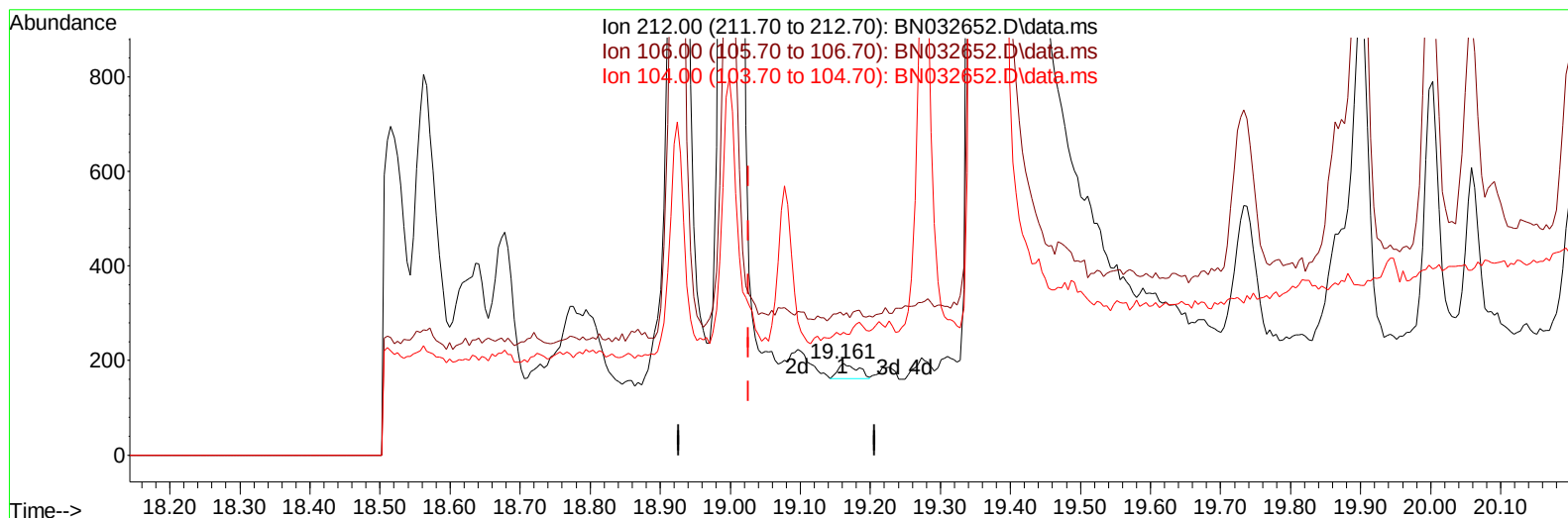
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032652.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.161min (+ 0.135) 0.00 ng/u1

response 61

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	40.98#
104.00	9.00	0.00#
0.00	0.00	0.00

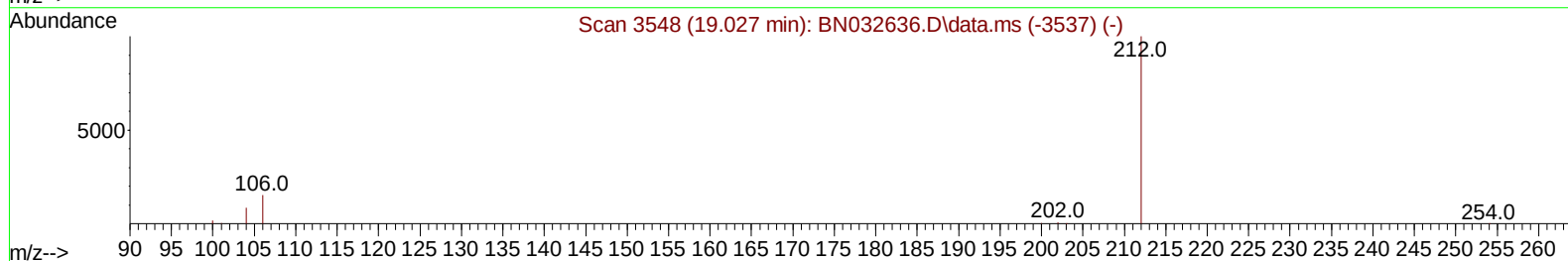
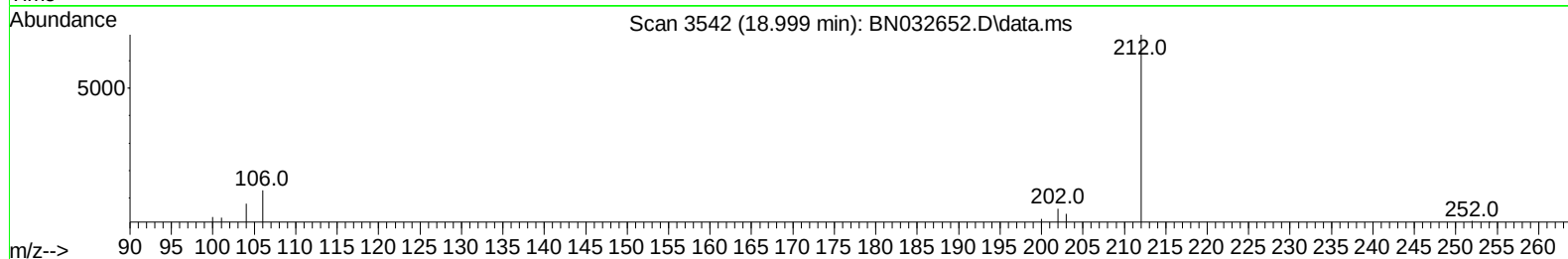
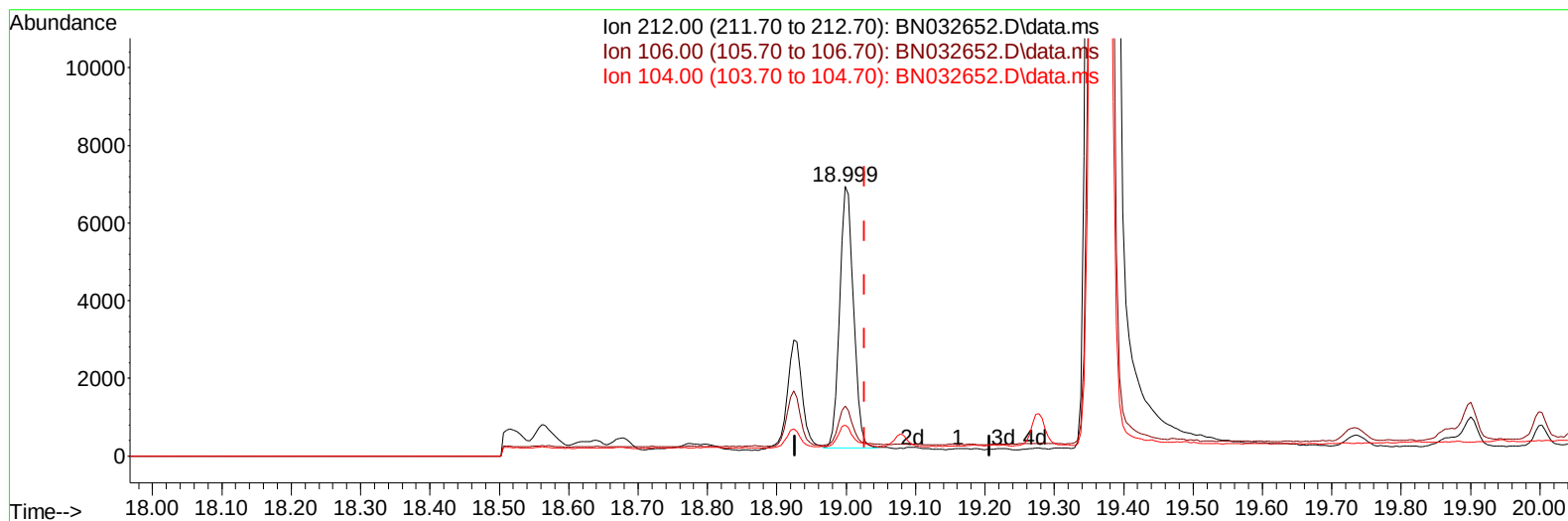
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.999min (-0.028) 0.19 ng/ul m

response 9234

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.27#
104.00	9.00	0.00#
0.00	0.00	0.00

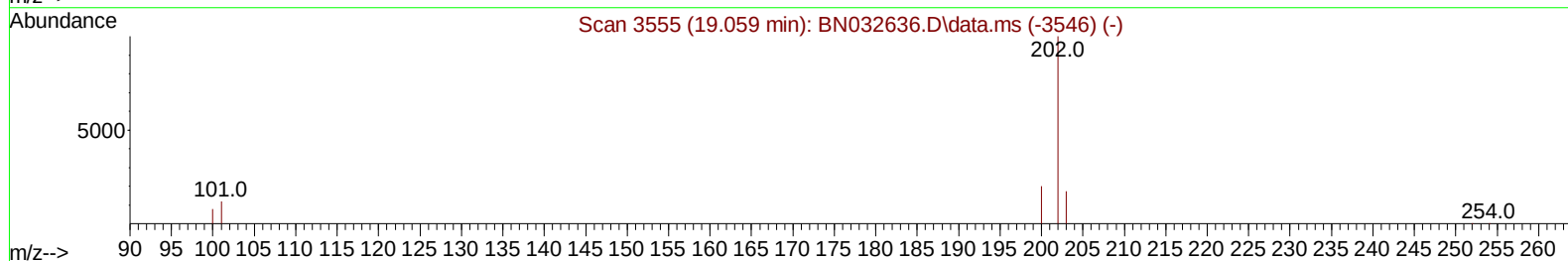
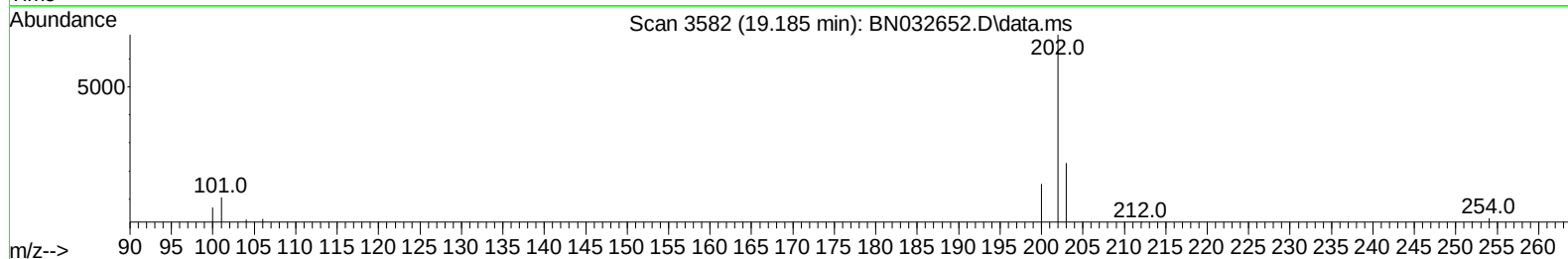
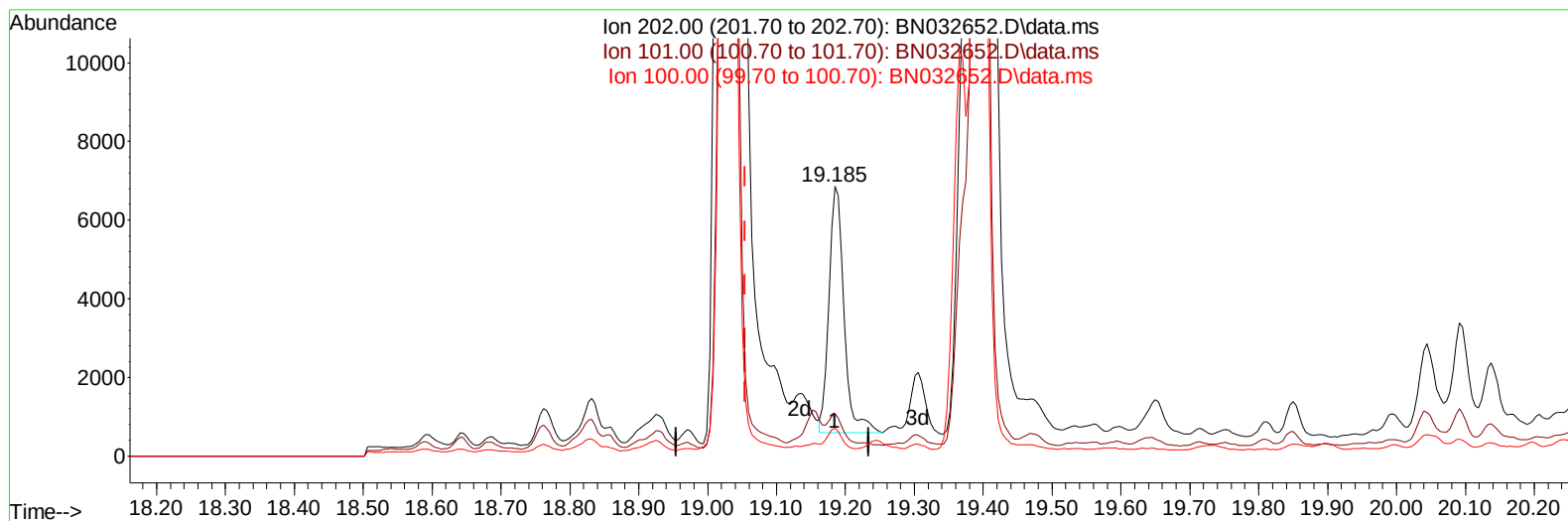
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
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TIC: BN032652.D\data.ms

(19) Fluoranthene (C)

19.185min (+ 0.130) 0.15 ng/u1

response 9568

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	15.70#
100.00	9.90	10.29
0.00	0.00	0.00

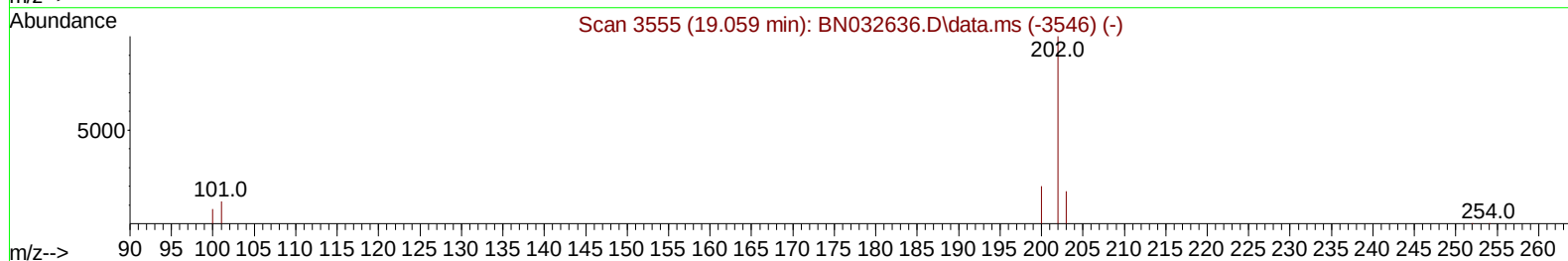
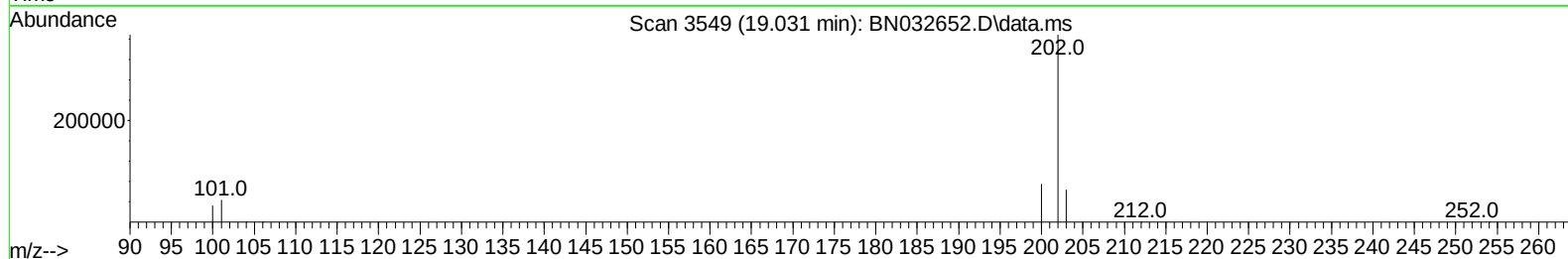
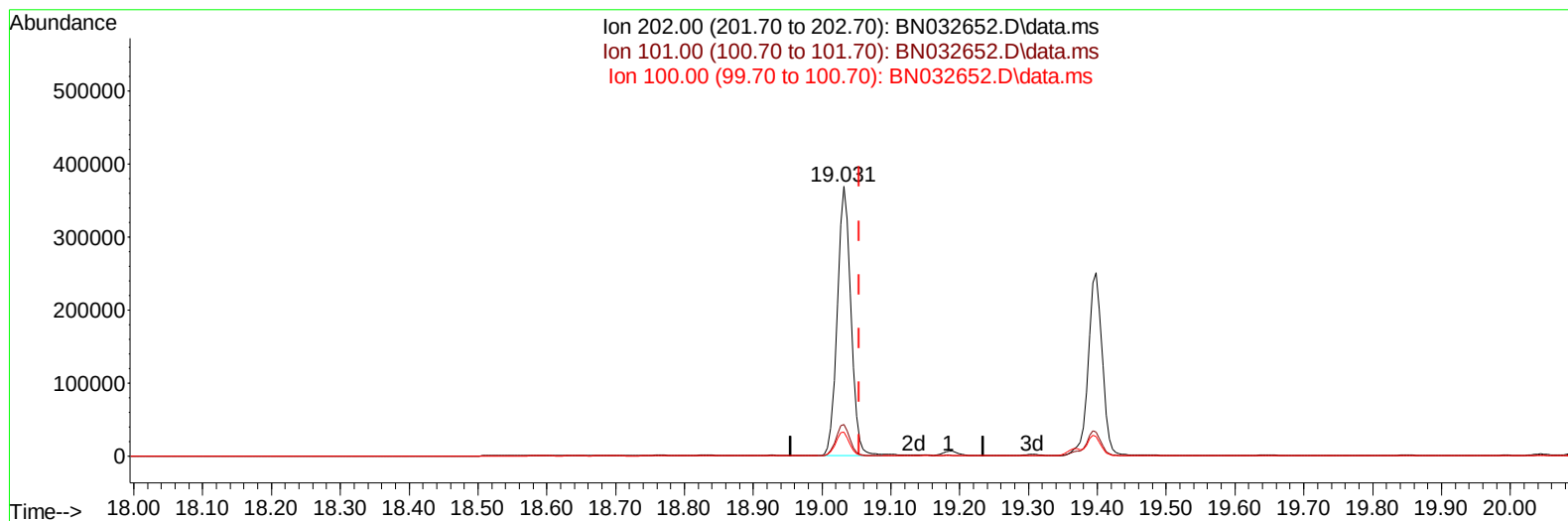
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032652.D
 Acq On : 12 Jul 2024 00:58
 Operator : MA/JU
 Sample : P3035-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
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 QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(19) Fluoranthene (C)

19.031min (-0.023) 8.17 ng/ul m

response 506776

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.80
100.00	9.90	8.82
0.00	0.00	0.00

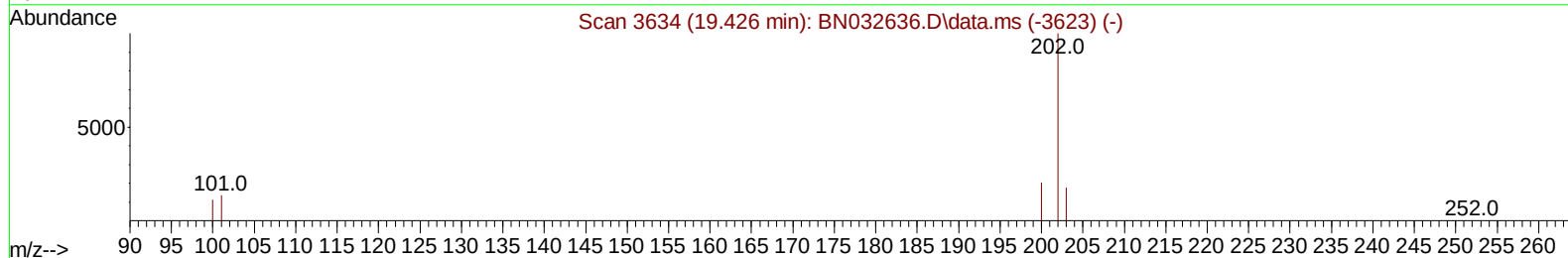
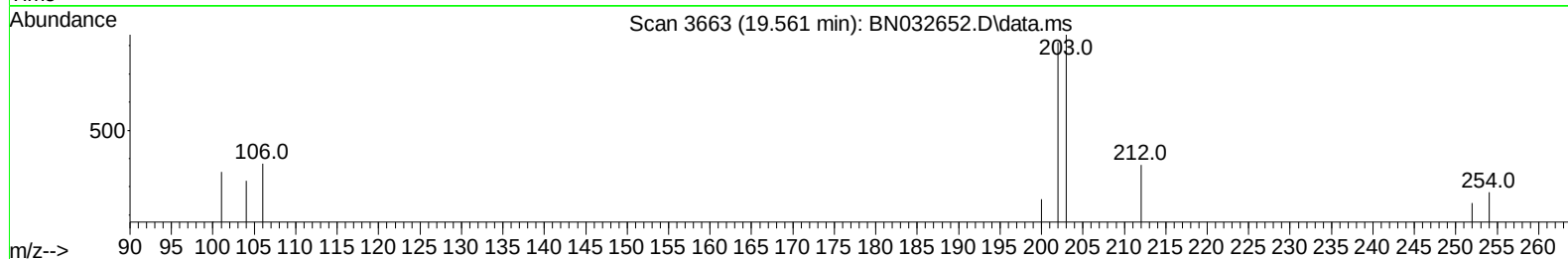
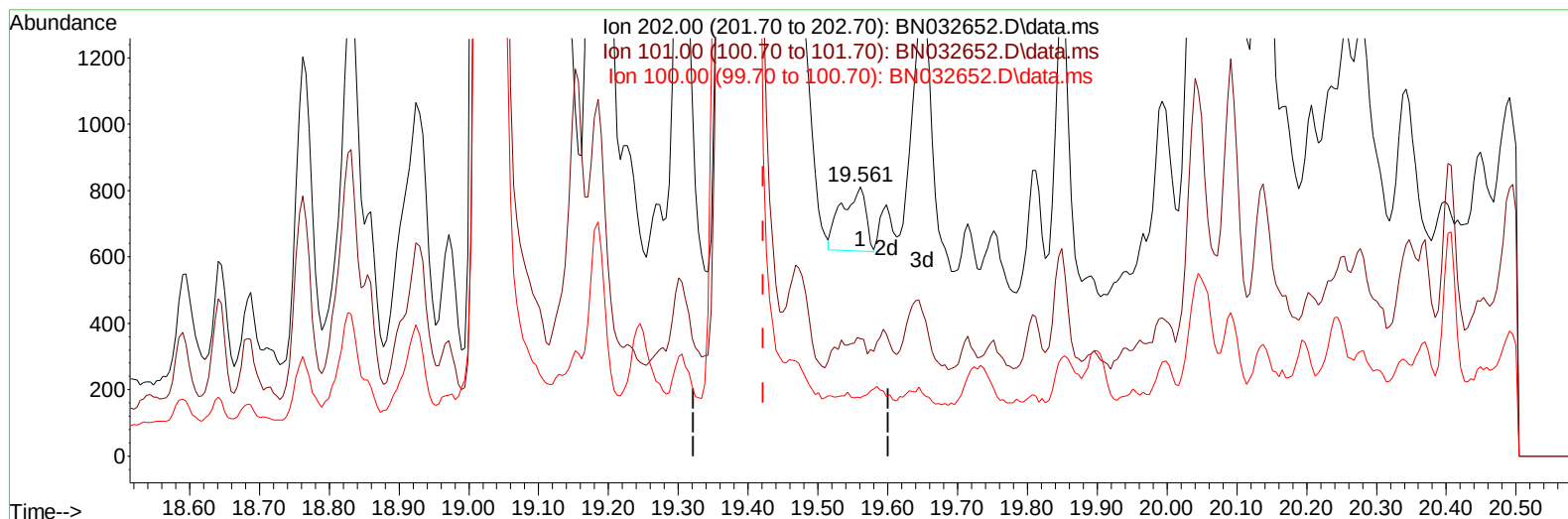
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(20) Pyrene

19.561min (+ 0.139) 0.01 ng/u1

response 456

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	43.60#
100.00	12.00	21.55#
0.00	0.00	0.00

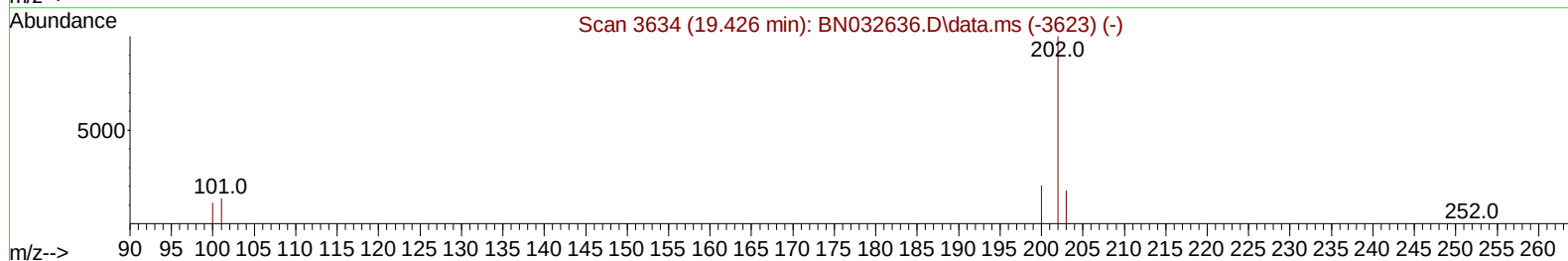
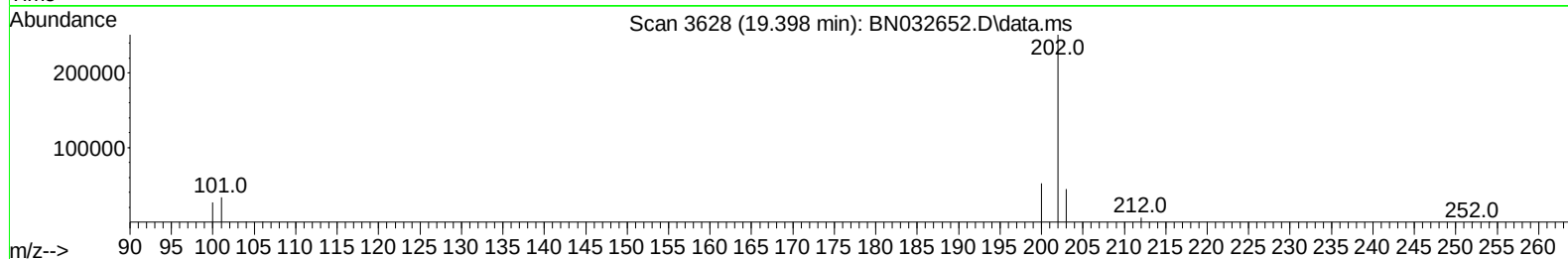
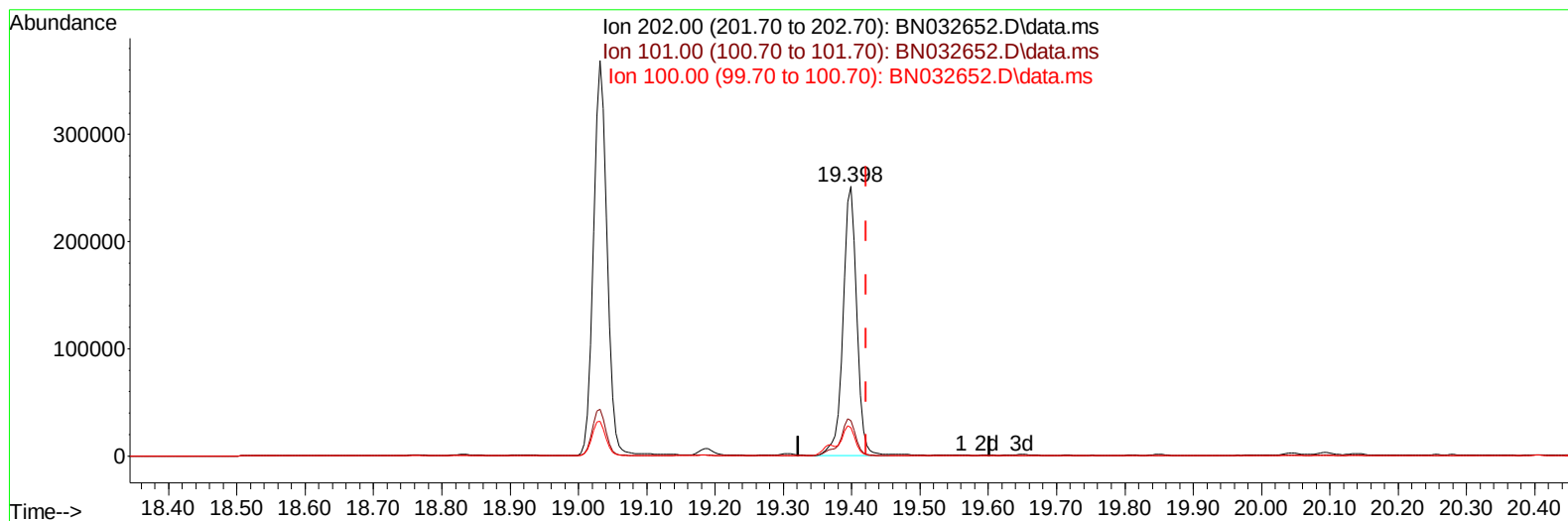
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(20) Pyrene

19.398min (-0.023) 5.44 ng/ul m

response 349181

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.19
100.00	12.00	10.63
0.00	0.00	0.00

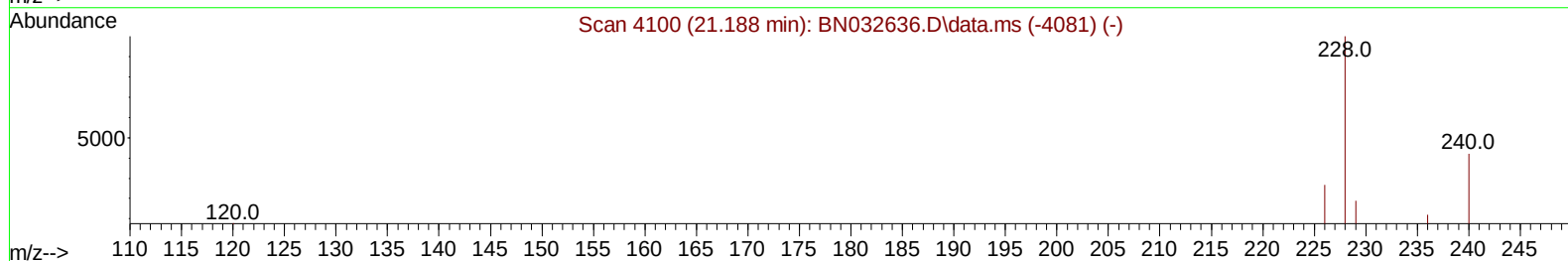
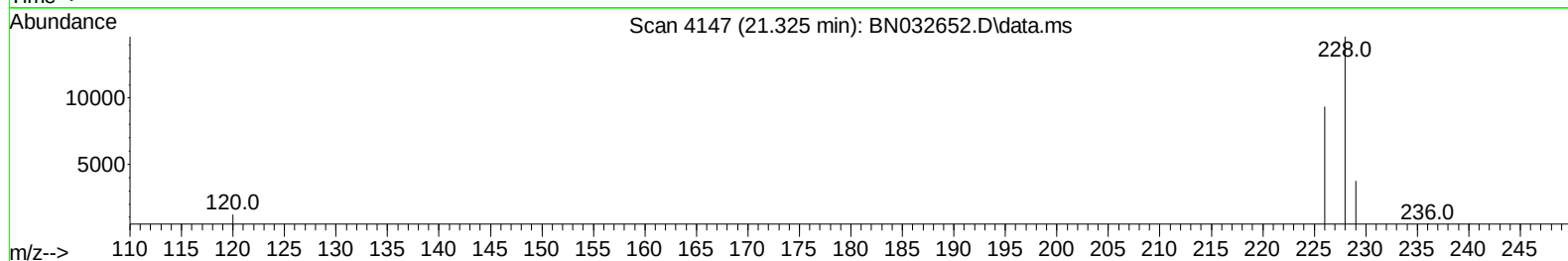
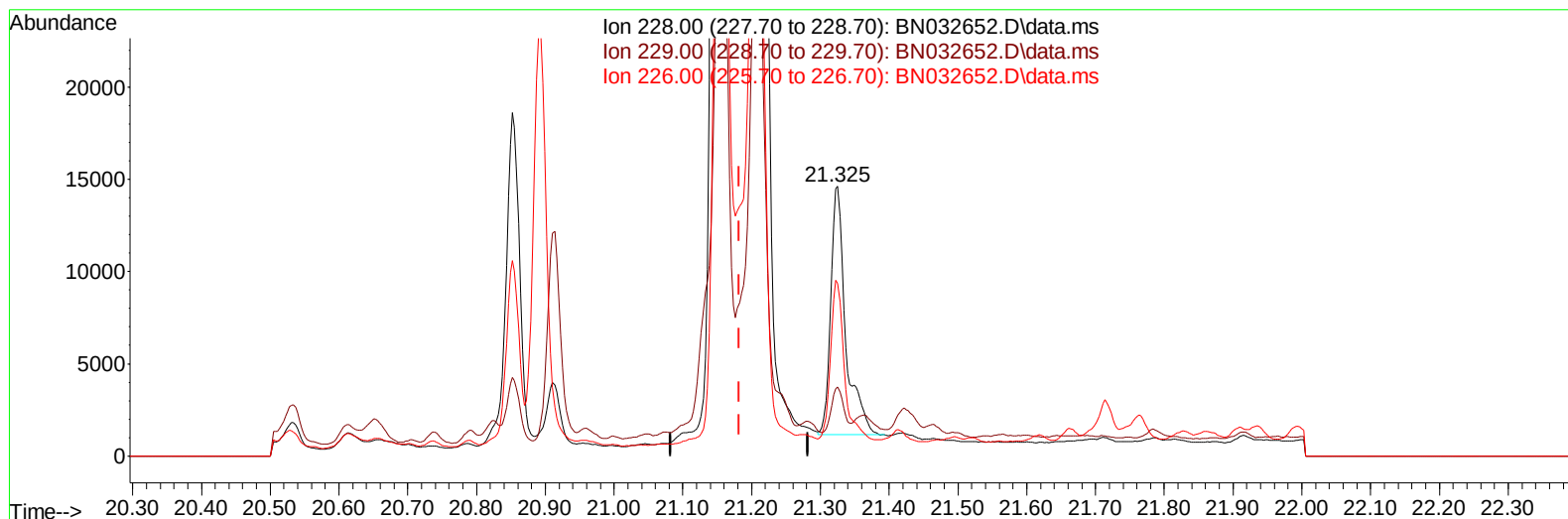
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(21) Benzo(a)anthracene

21.325min (+ 0.143) 0.42 ng/u1

response 20506

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	25.55#
226.00	27.40	64.04#
0.00	0.00	0.00

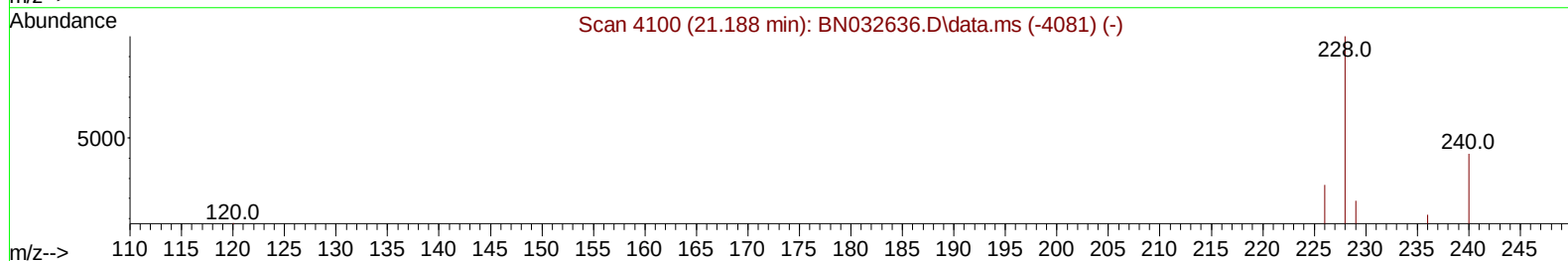
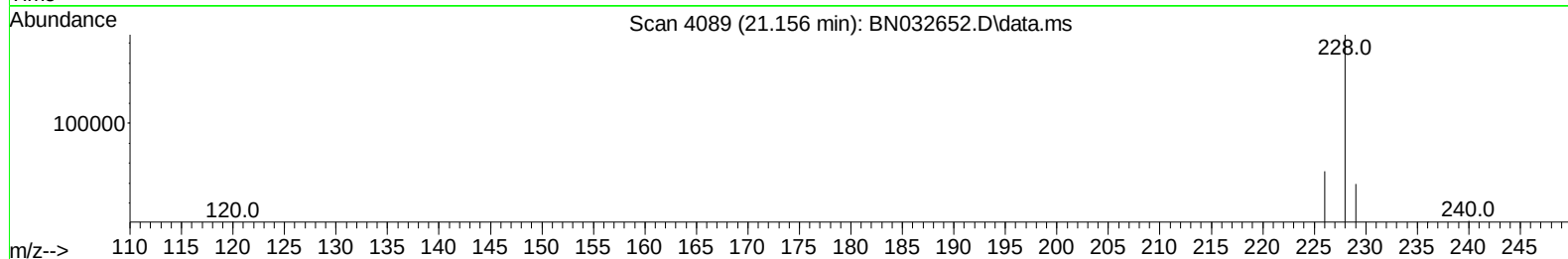
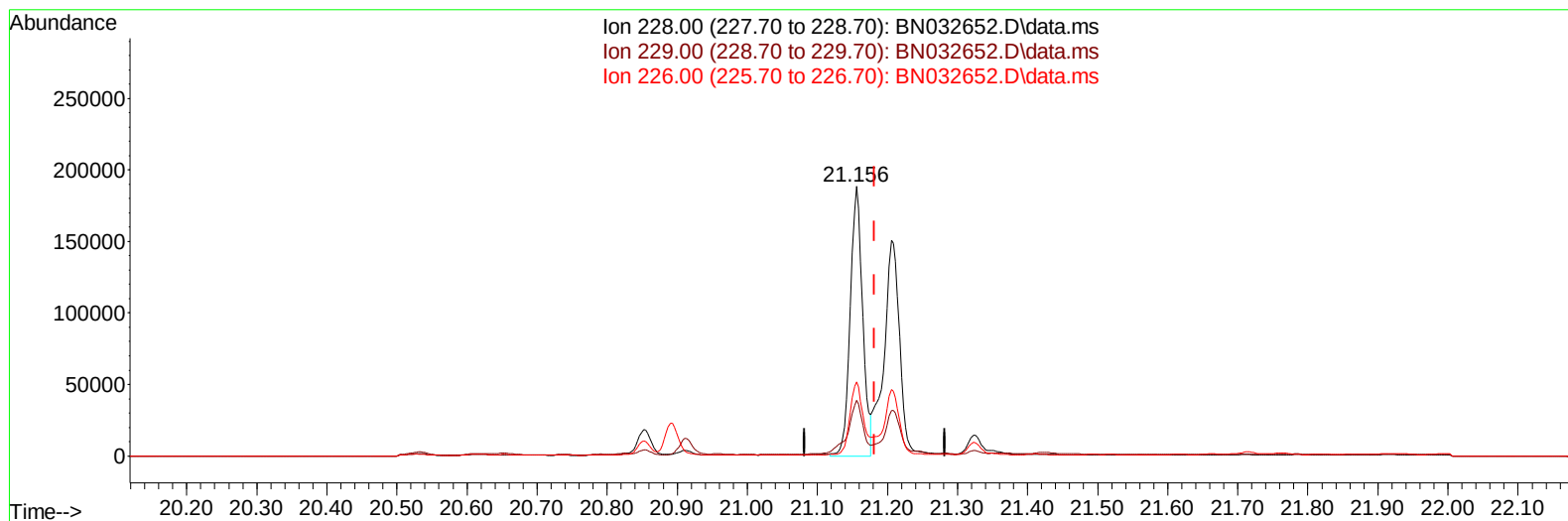
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032652.D
 Acq On : 12 Jul 2024 00:58
 Operator : MA/JU
 Sample : P3035-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(21) Benzo(a)anthracene

21.156min (-0.026) 4.80 ng/ul m

response 232861

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.72
226.00	27.40	27.48
0.00	0.00	0.00

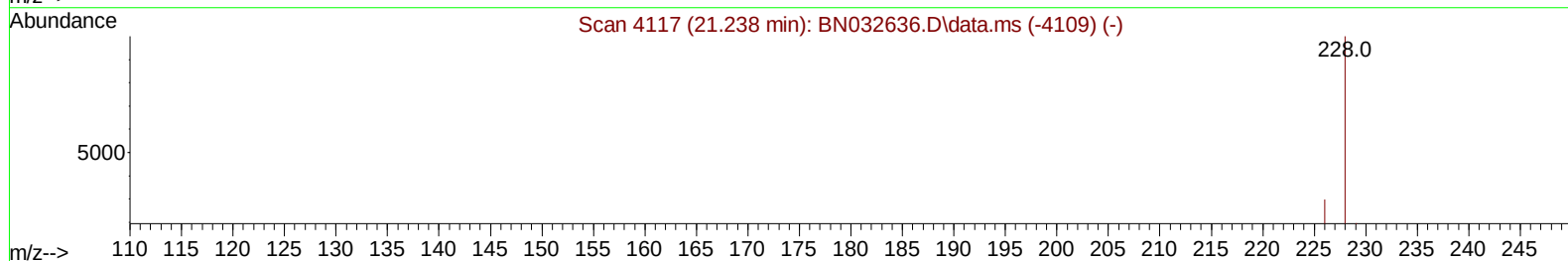
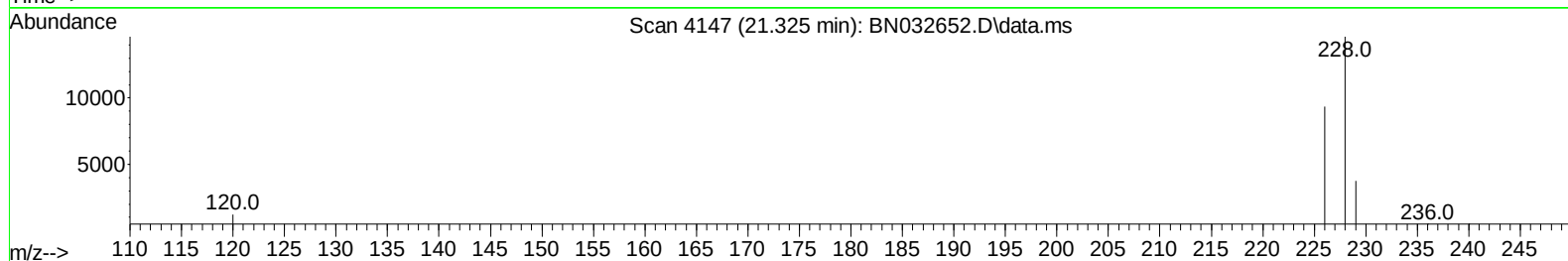
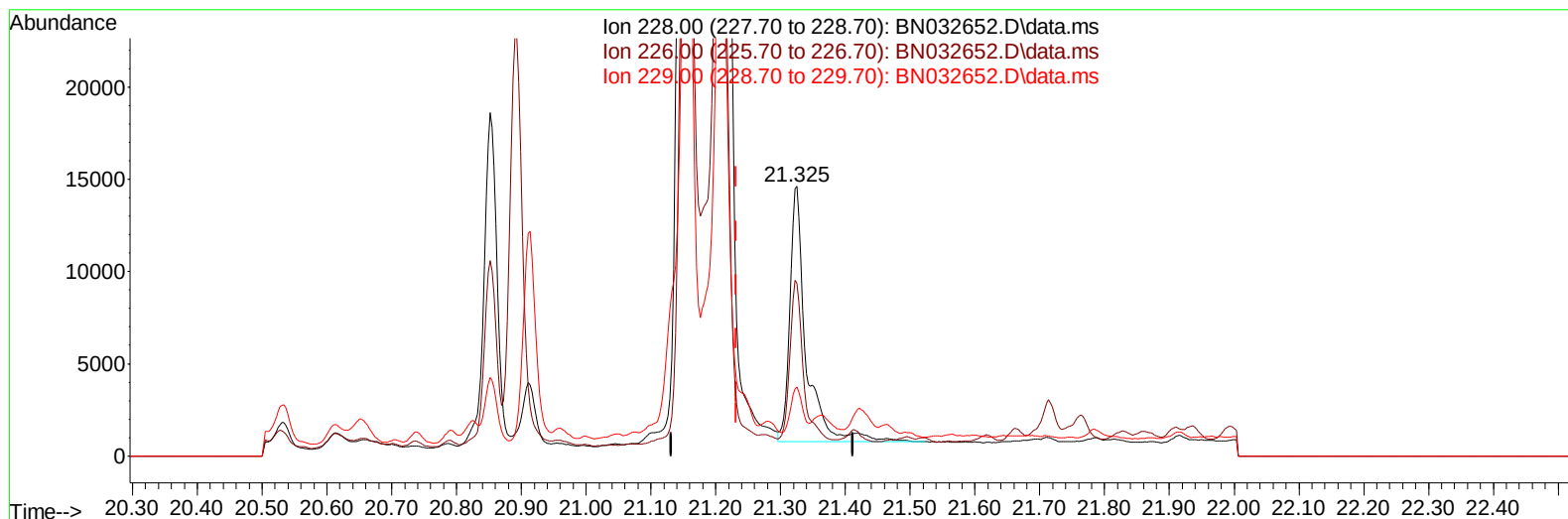
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(22) Chrysene

21.325min (+ 0.093) 0.34 ng/u1

response 24202

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	64.04#
229.00	19.70	25.55#
0.00	0.00	0.00

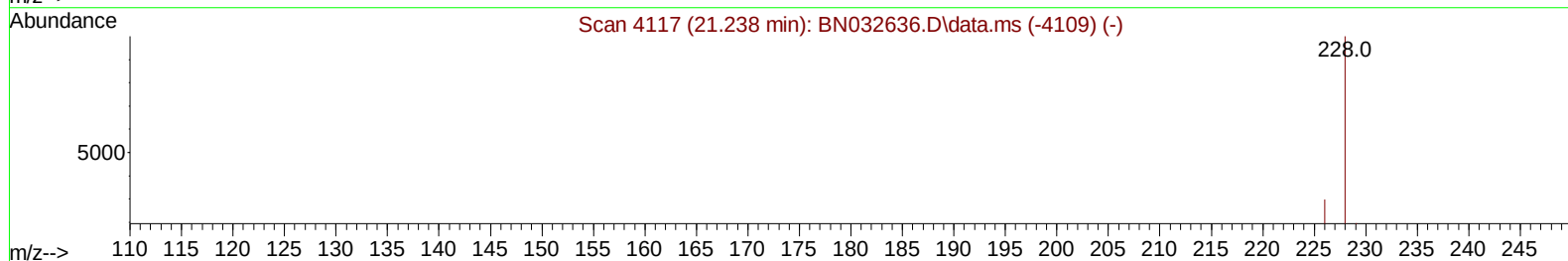
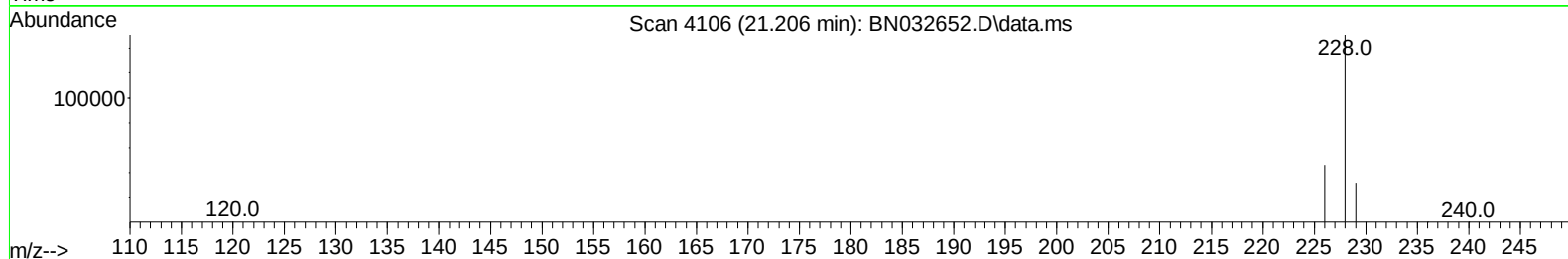
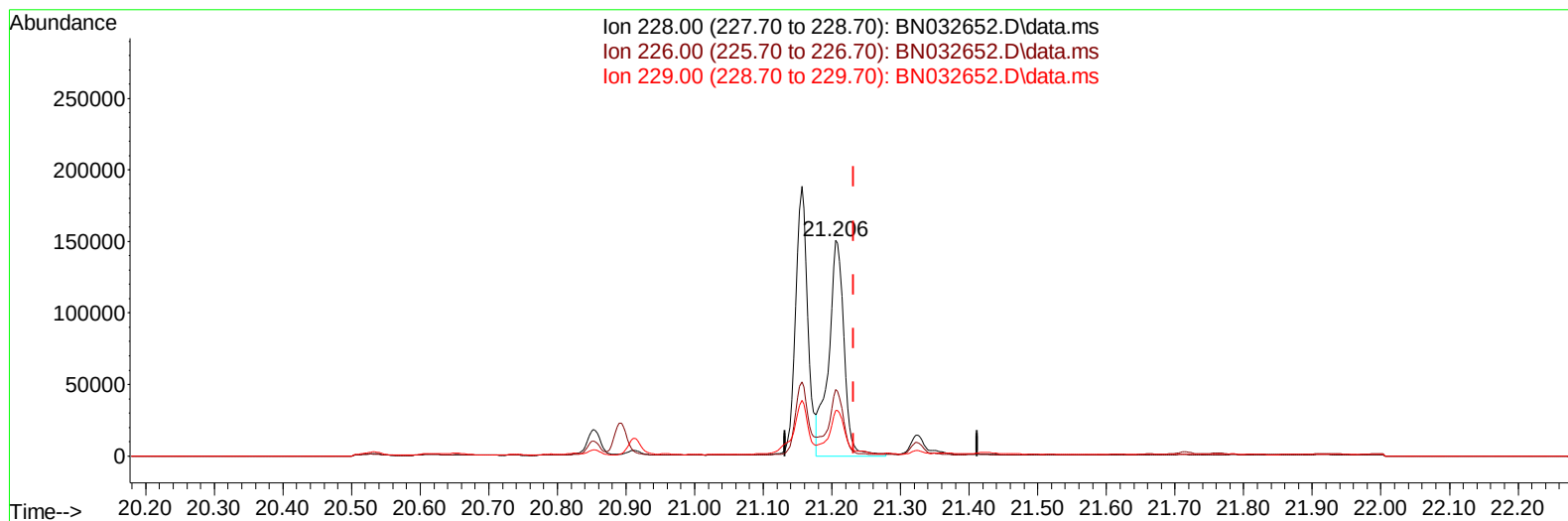
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032652.D\data.ms

(22) Chrysene

21.206min (-0.026) 3.40 ng/ul m

response 238612

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.69
229.00	19.70	21.15
0.00	0.00	0.00

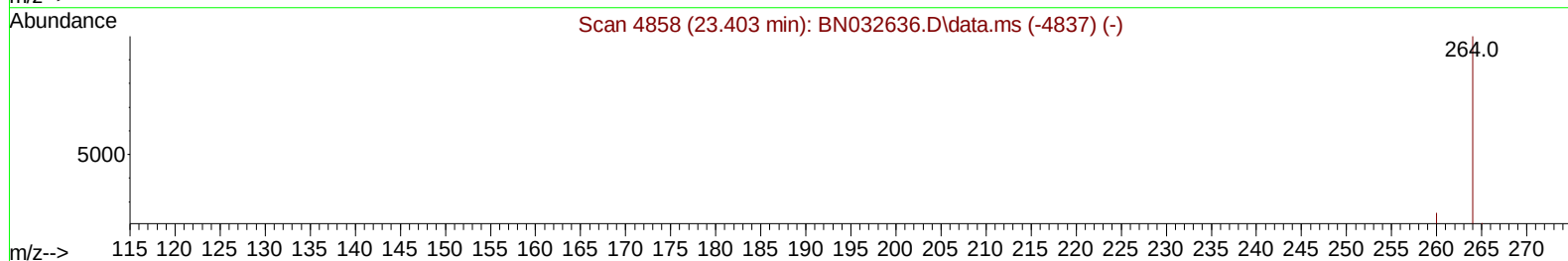
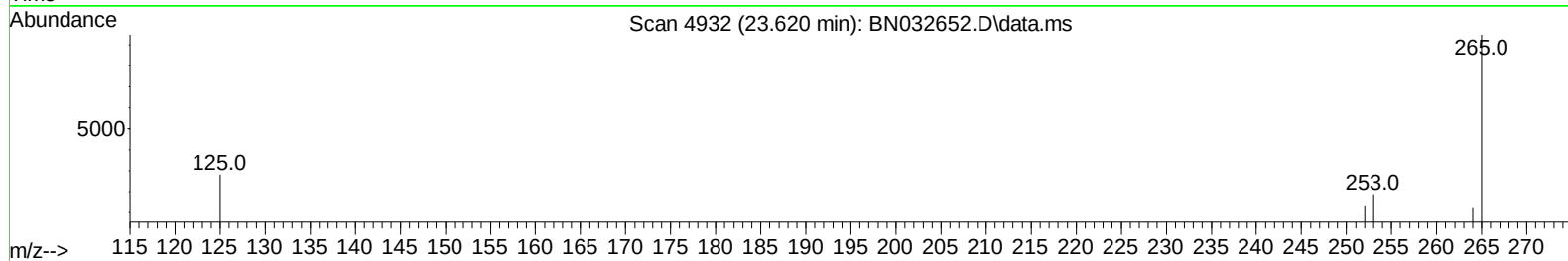
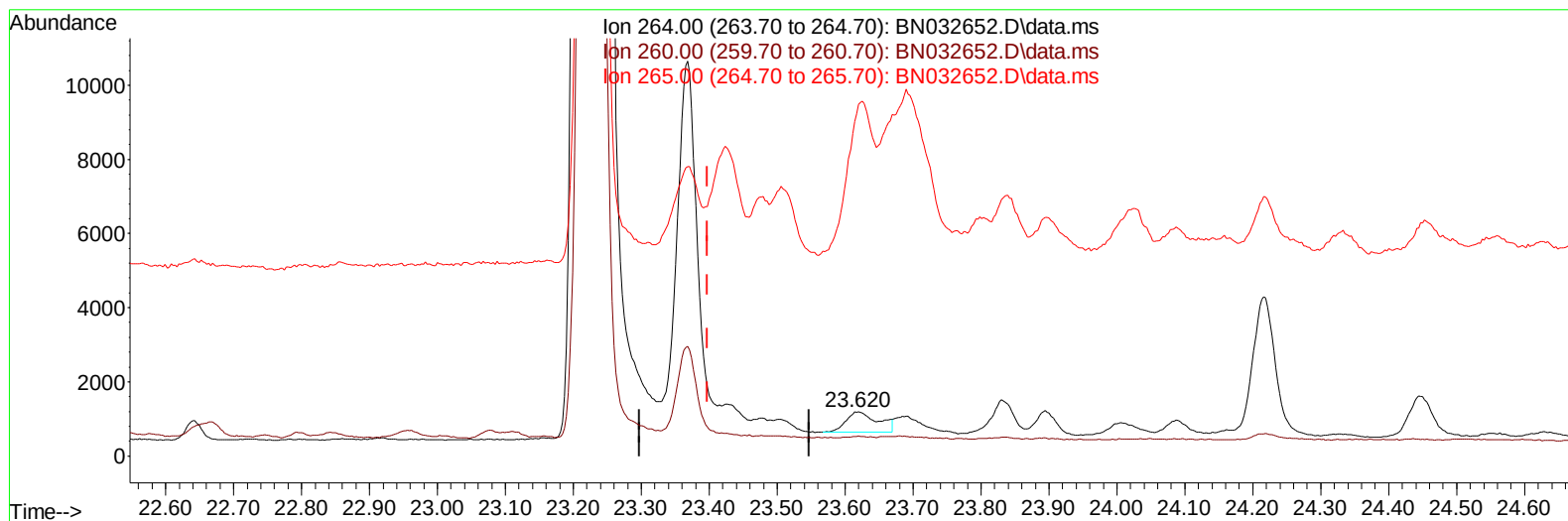
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(23) Perylene-d12 (I)

23.620min (+ 0.222) 0.40 ng/u1

response 1852

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	44.65#
265.00	95.50	792.98#
0.00	0.00	0.00

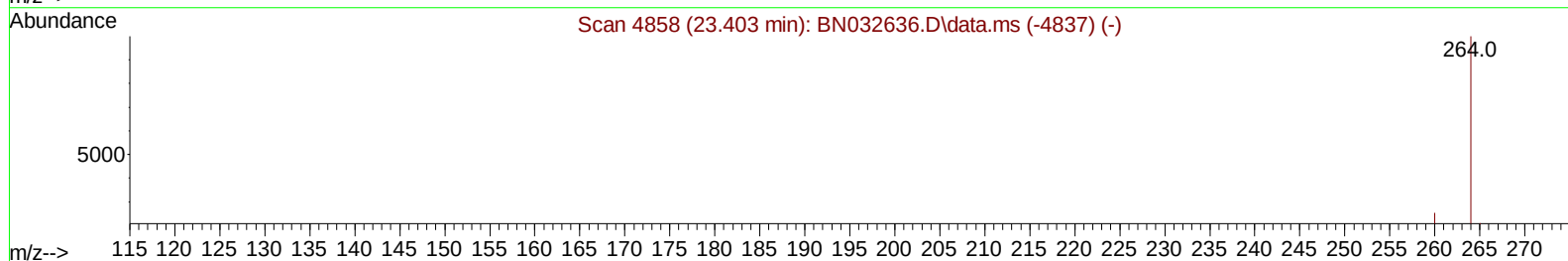
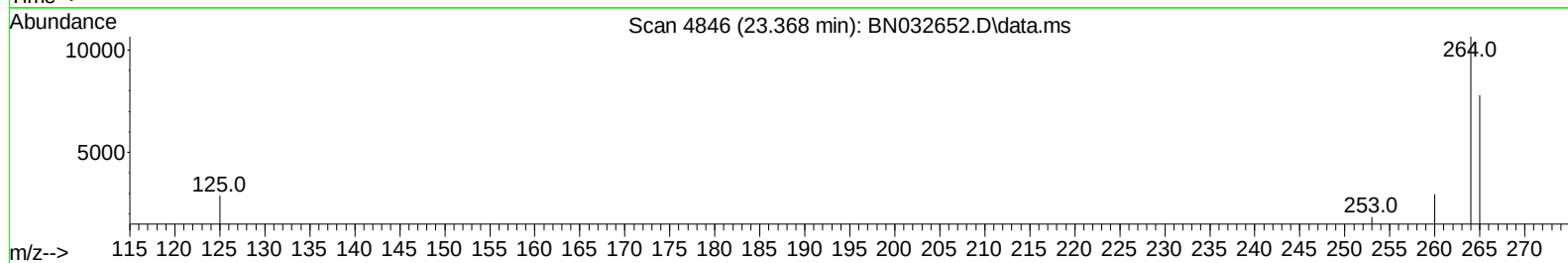
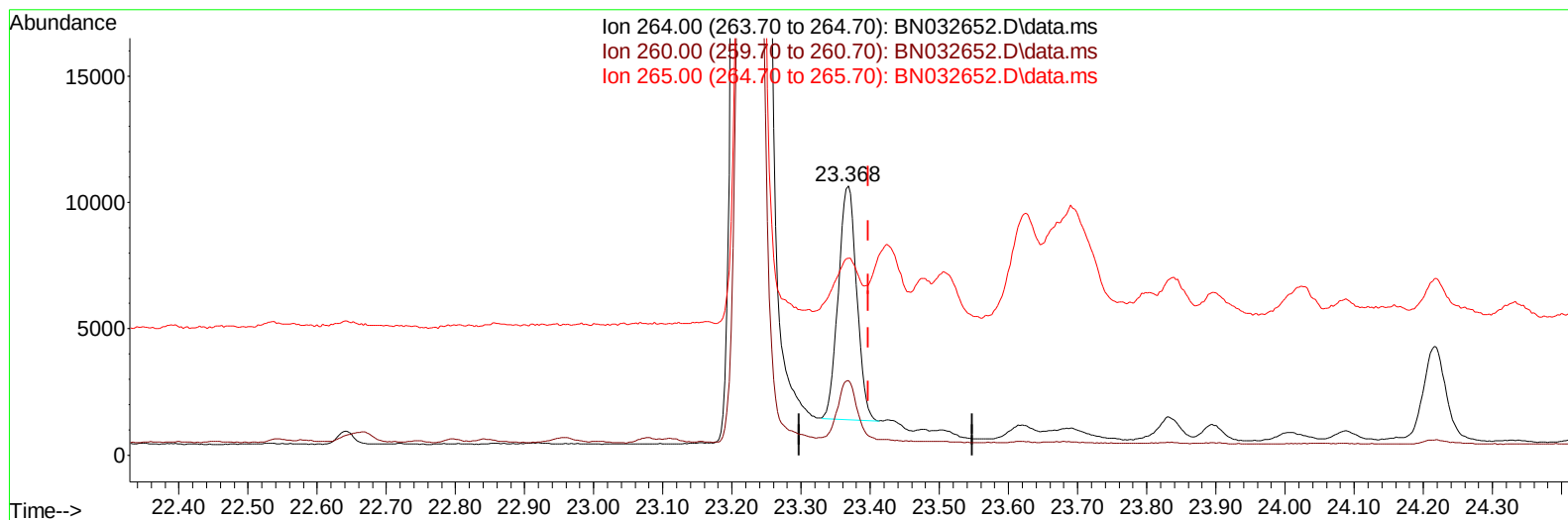
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(23) Perylene-d12 (I)

23.368min (-0.029) 0.40 ng/ul m

response 17063

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	27.78
265.00	95.50	73.33#
0.00	0.00	0.00

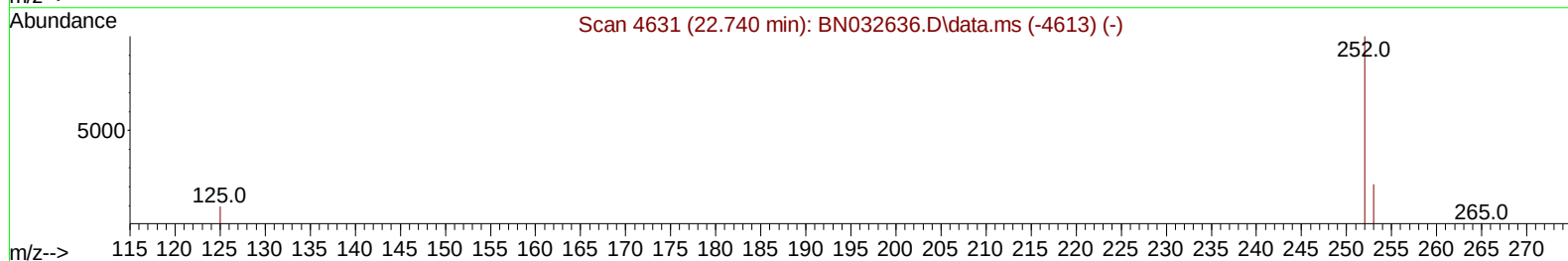
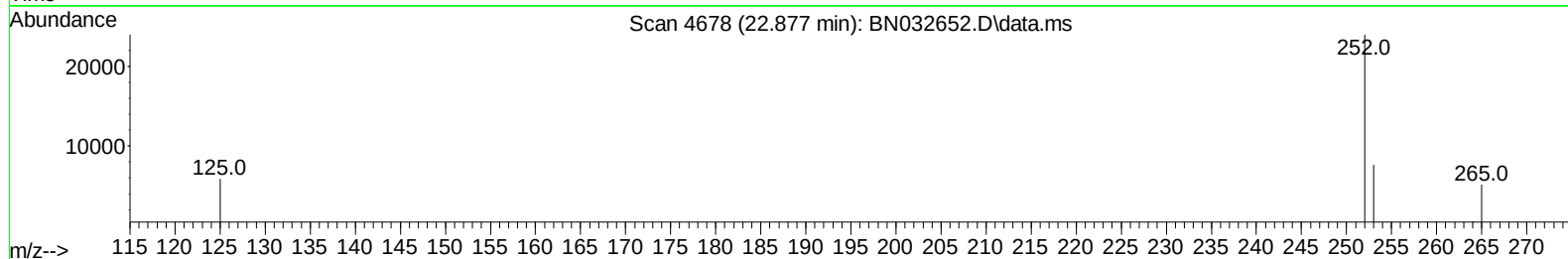
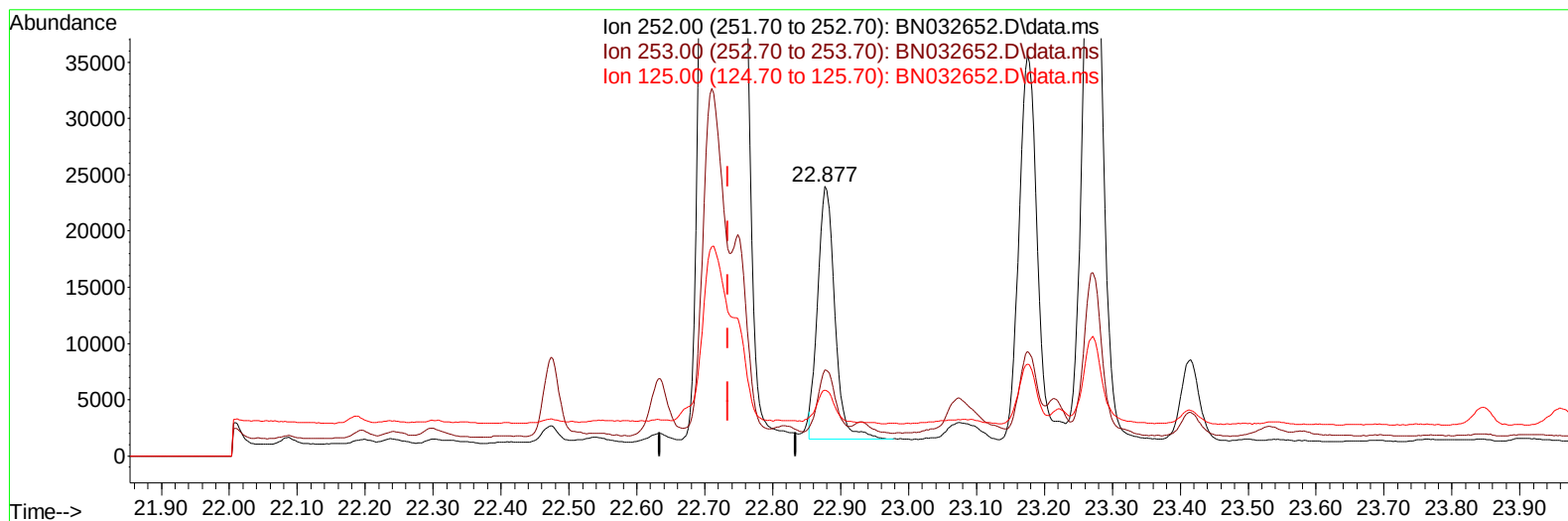
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(24) Benzo(b)fluoranthene

22.877min (+ 0.143) 0.66 ng/u1

response 39524

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.99
125.00	18.00	24.37
0.00	0.00	0.00

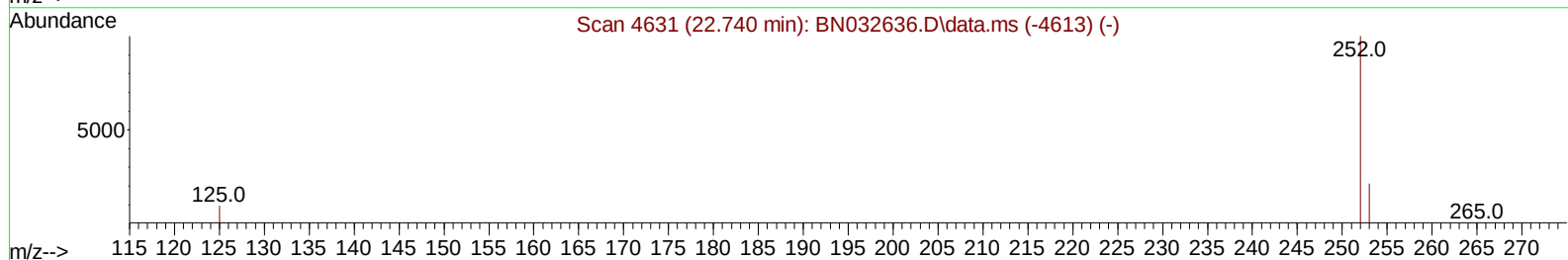
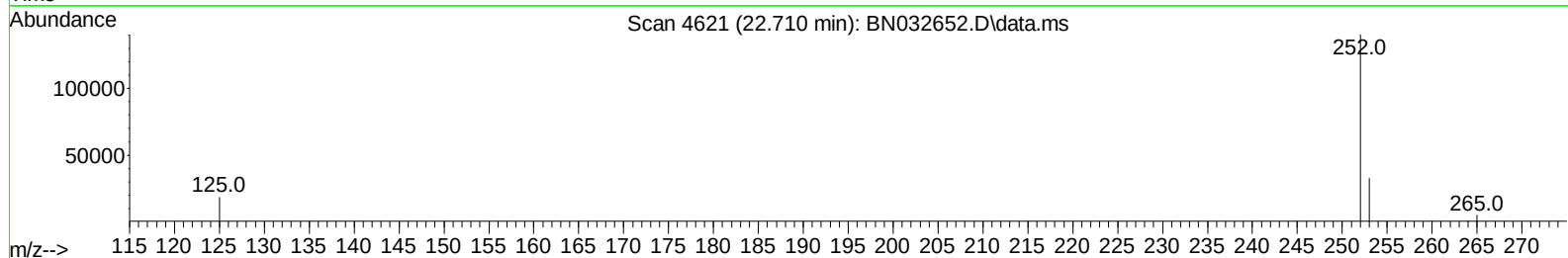
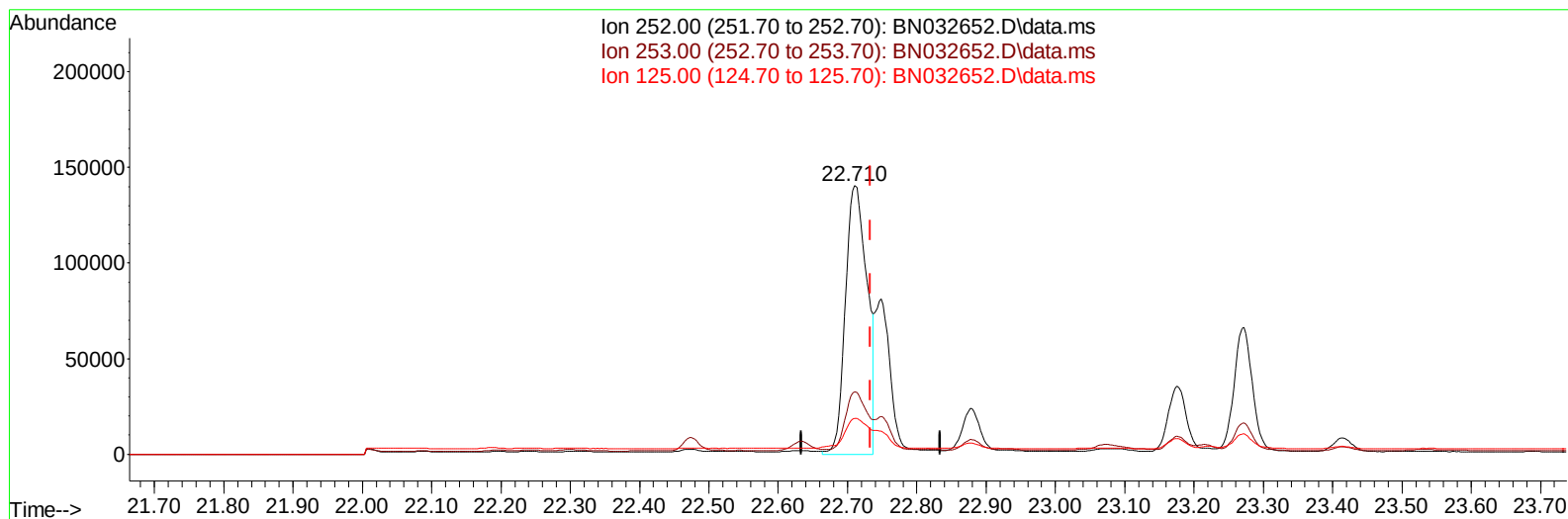
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(24) Benzo(b)fluoranthene

22.710min (-0.023) 5.09 ng/ul m

response 306428

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.27
125.00	18.00	13.26
0.00	0.00	0.00

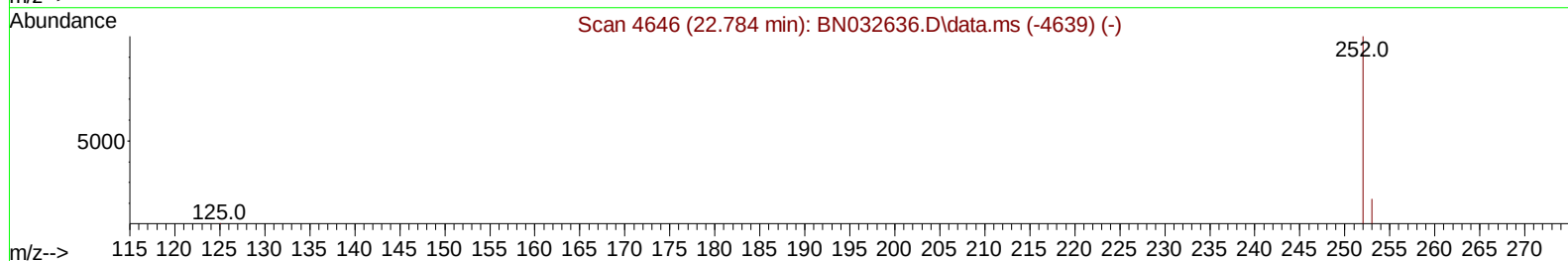
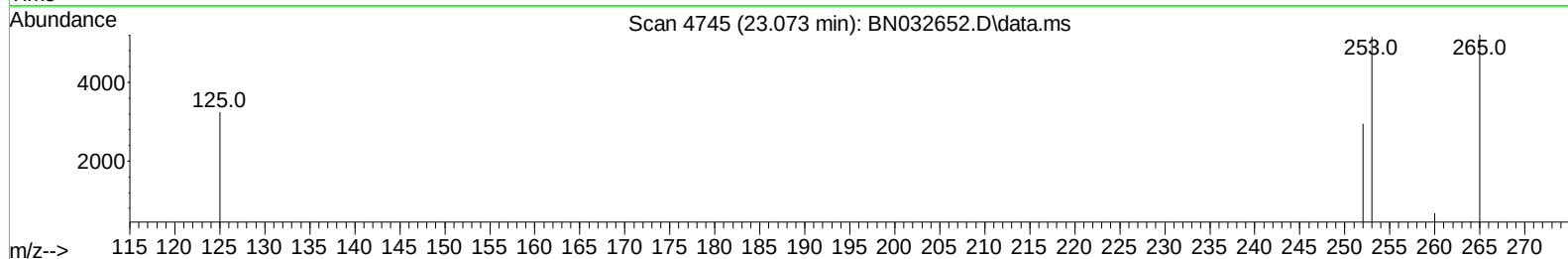
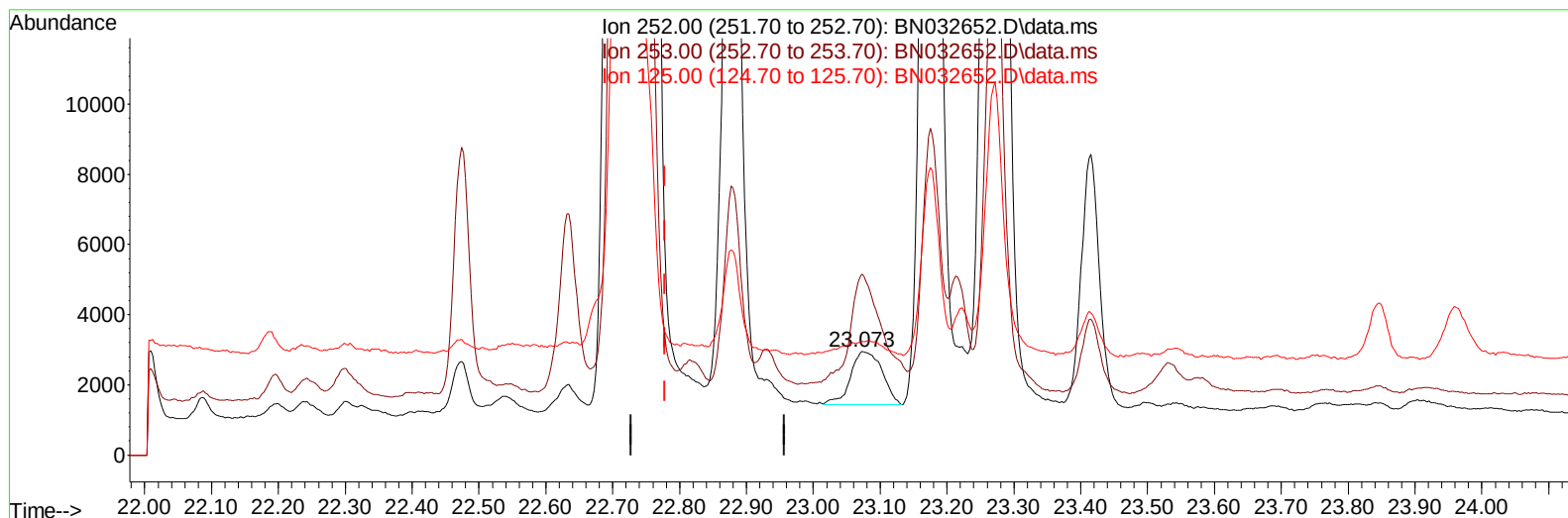
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(25) Benzo(k)fluoranthene

23.073min (+ 0.295) 0.07 ng/u1

response 5000

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	174.32#
125.00	18.50	109.60#
0.00	0.00	0.00

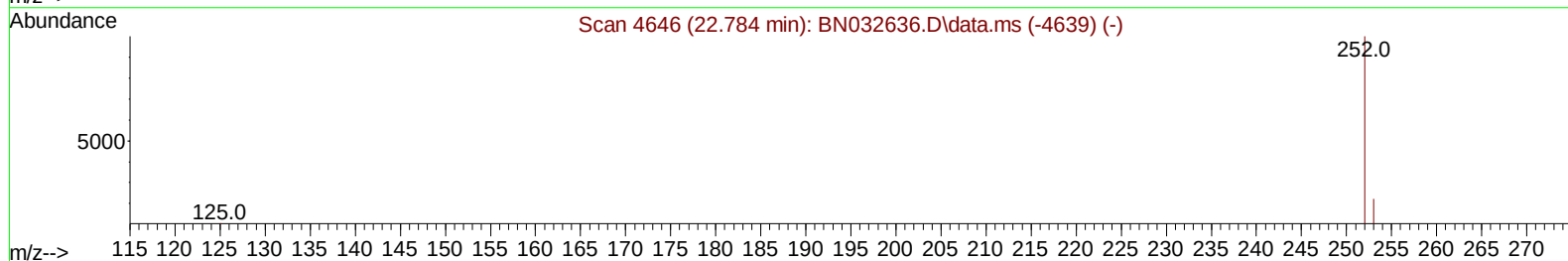
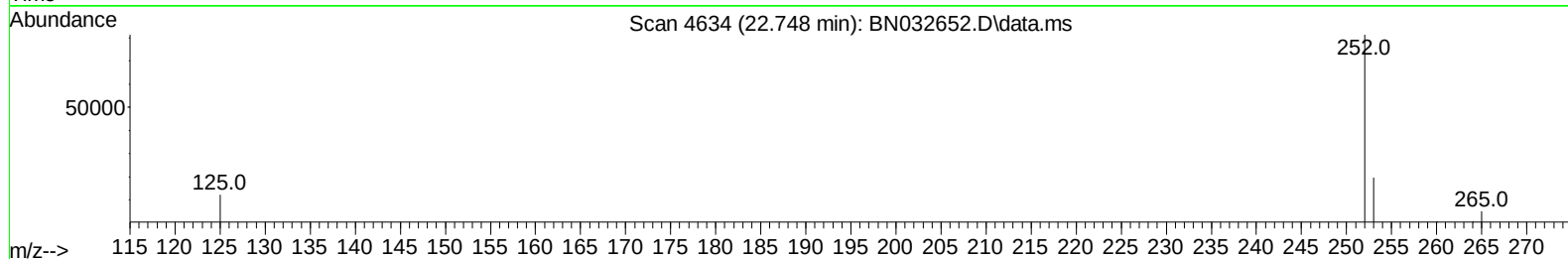
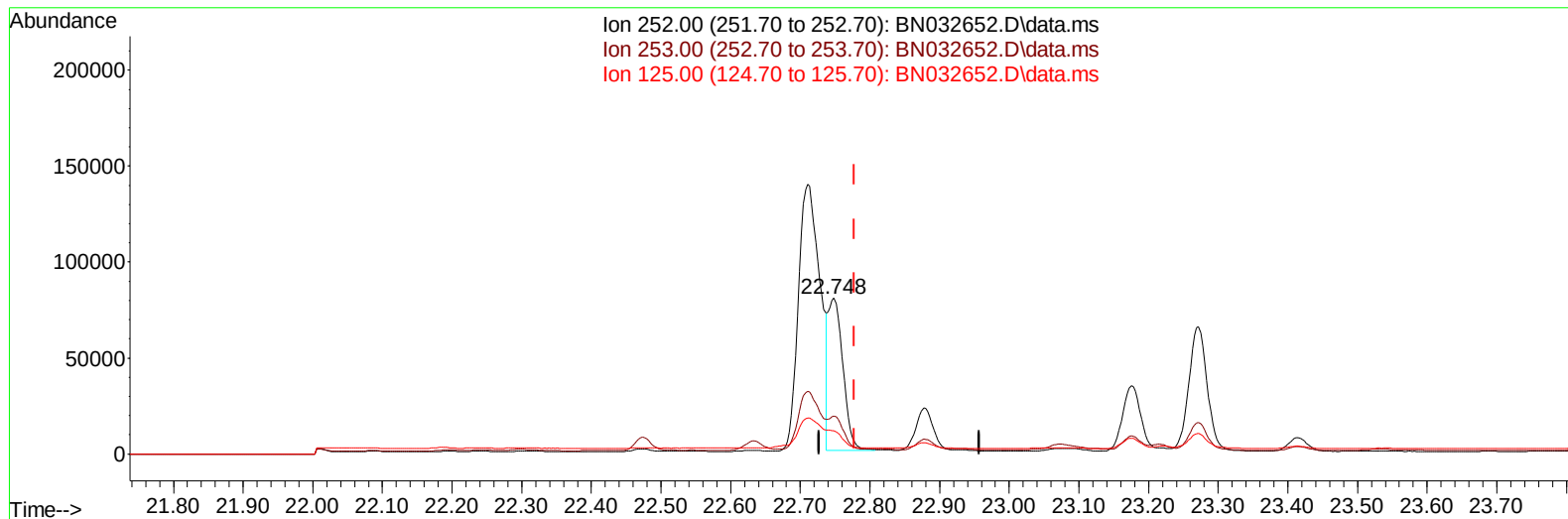
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(25) Benzo(k)fluoranthene

22.748min (-0.029) 1.61 ng/ul m

response 118433

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.26
125.00	18.50	15.07
0.00	0.00	0.00

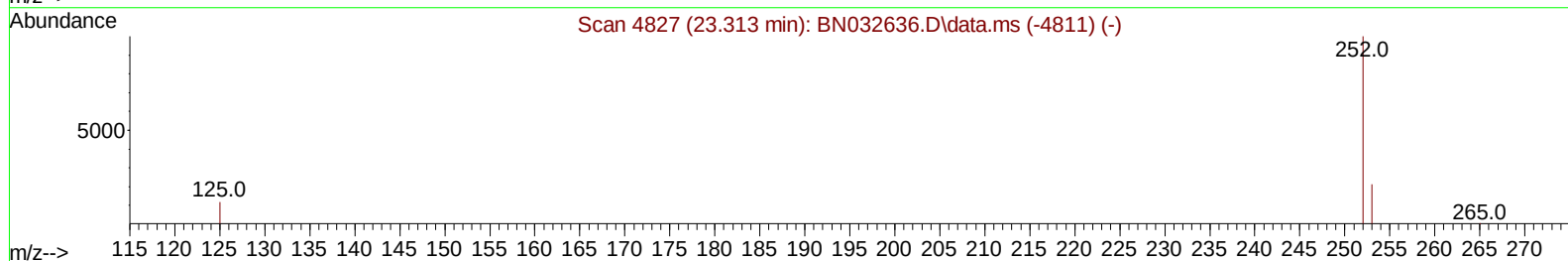
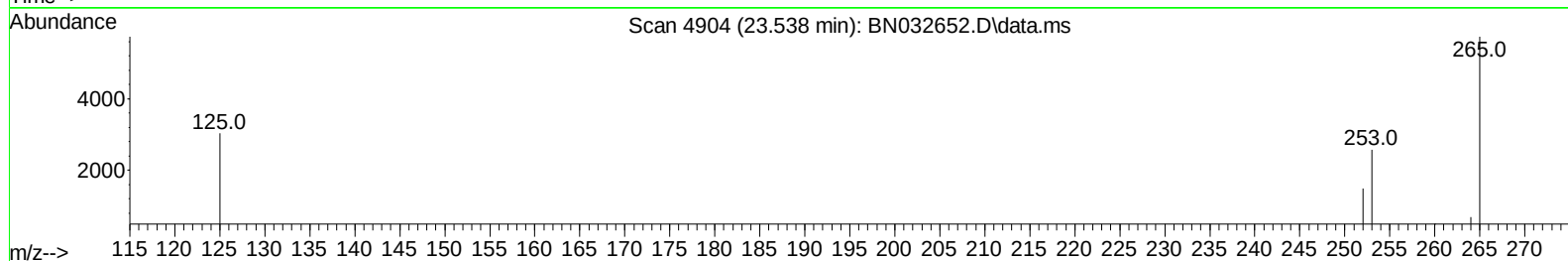
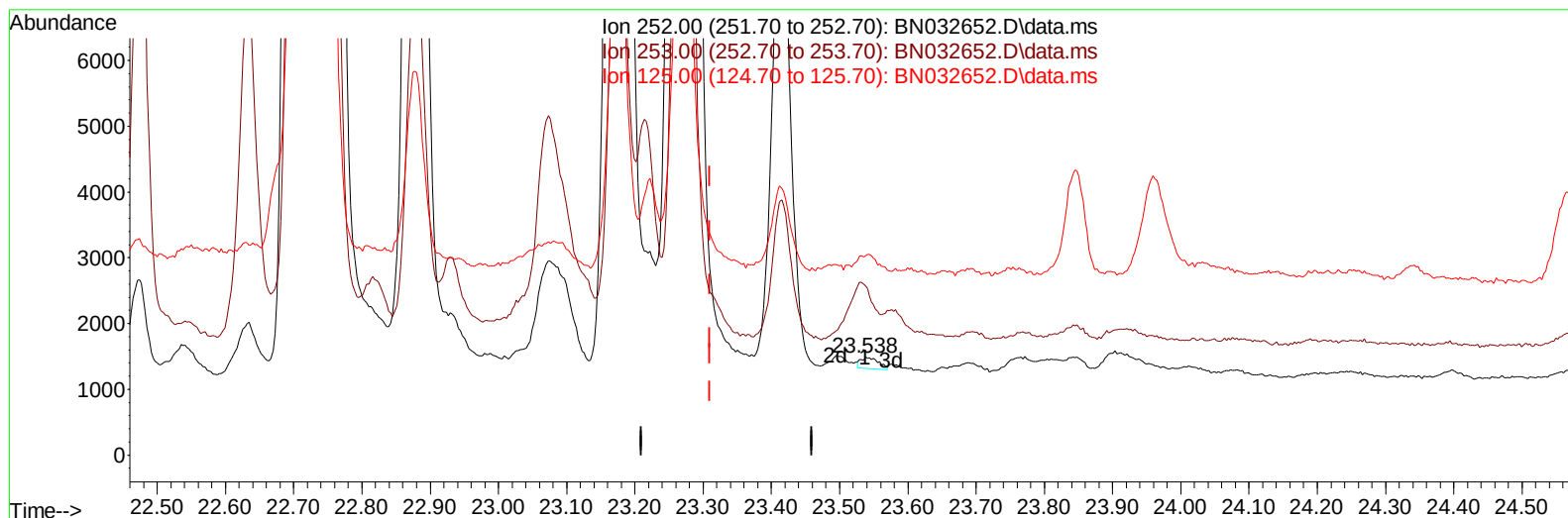
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(26) Benzo(a)pyrene (C)

23.538min (+ 0.228) 0.01 ng/u1

response 303

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	173.03#
125.00	25.70	203.70#
0.00	0.00	0.00

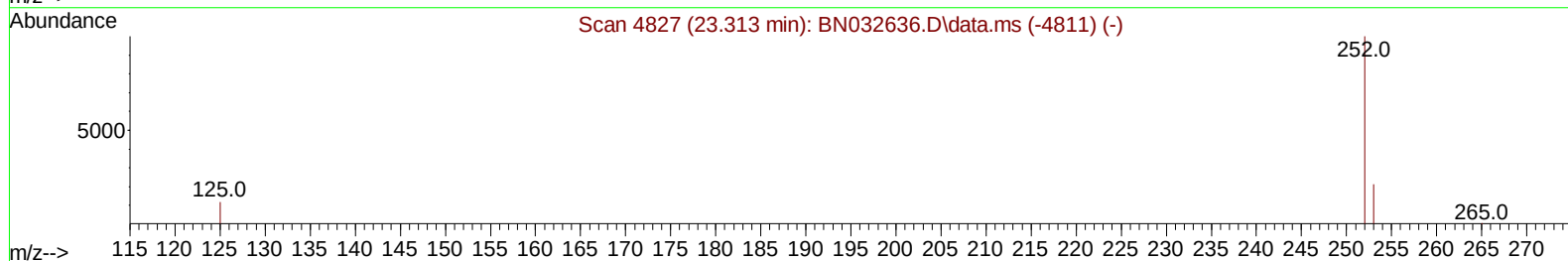
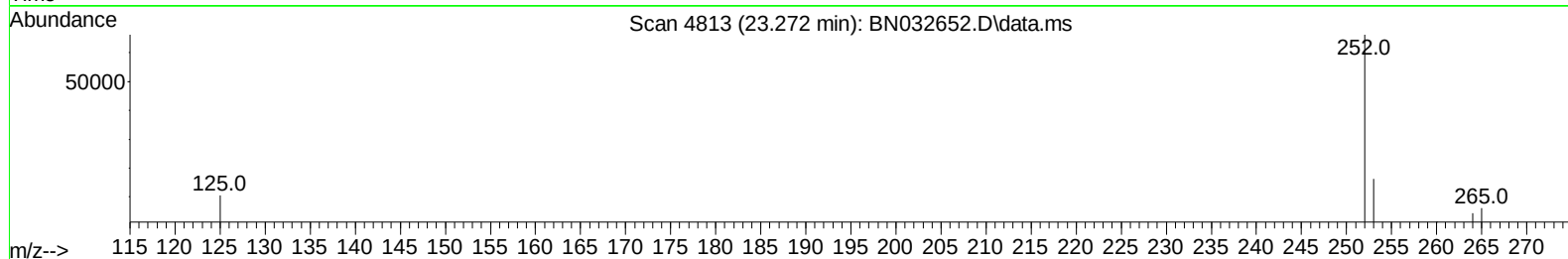
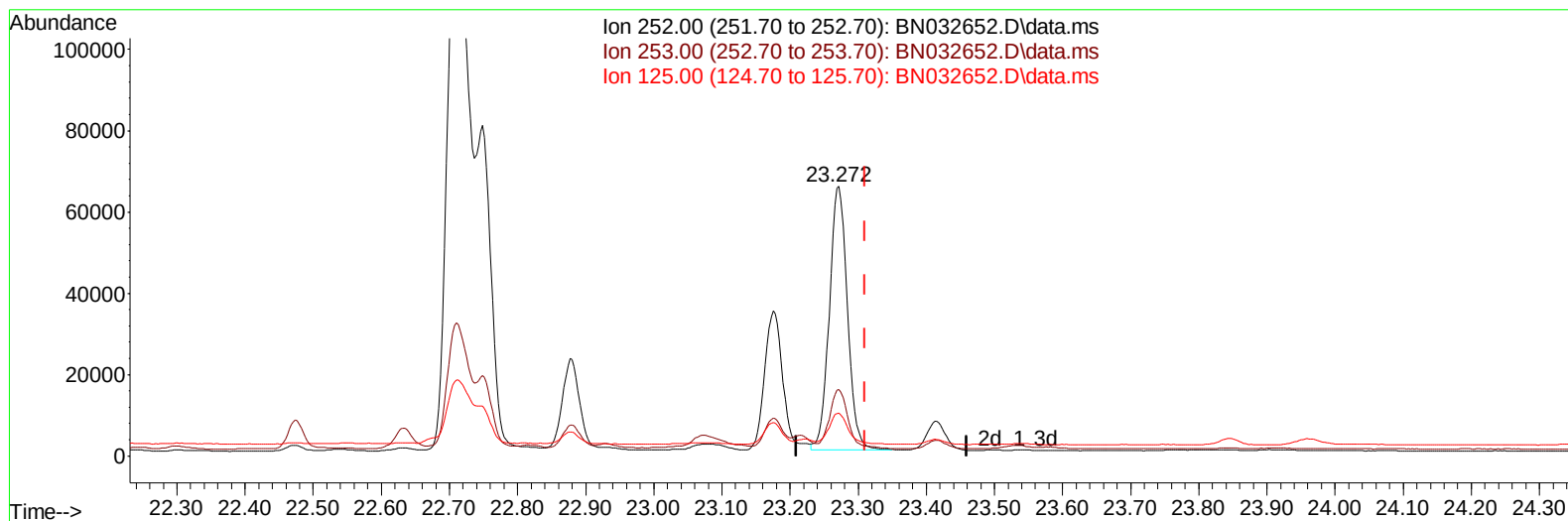
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

(26) Benzo(a)pyrene (C)

23.272min (-0.038) 2.29 ng/ul m

response 119414

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.60#
125.00	25.70	16.05#
0.00	0.00	0.00

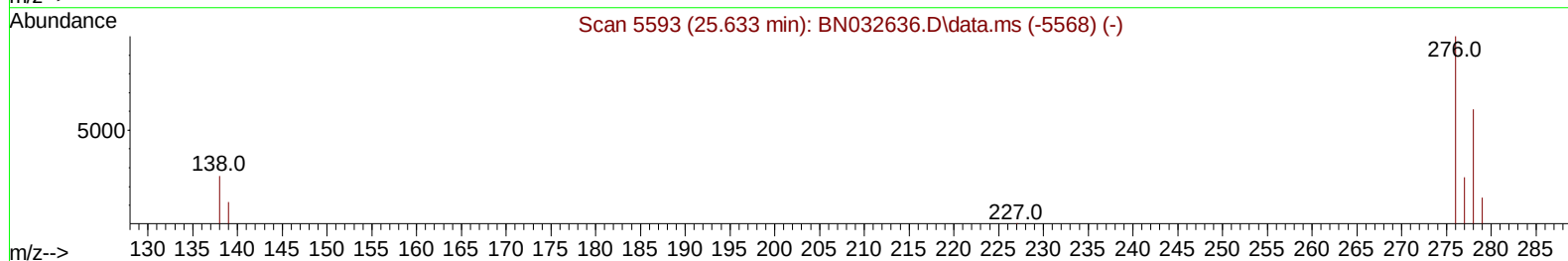
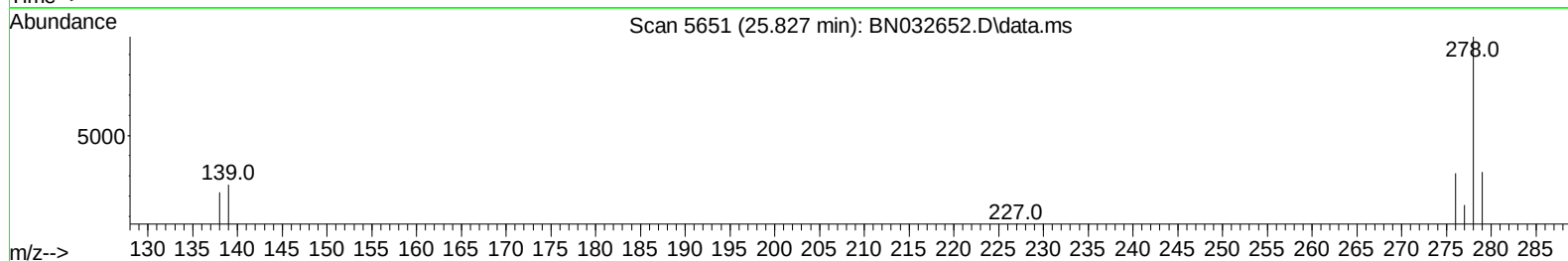
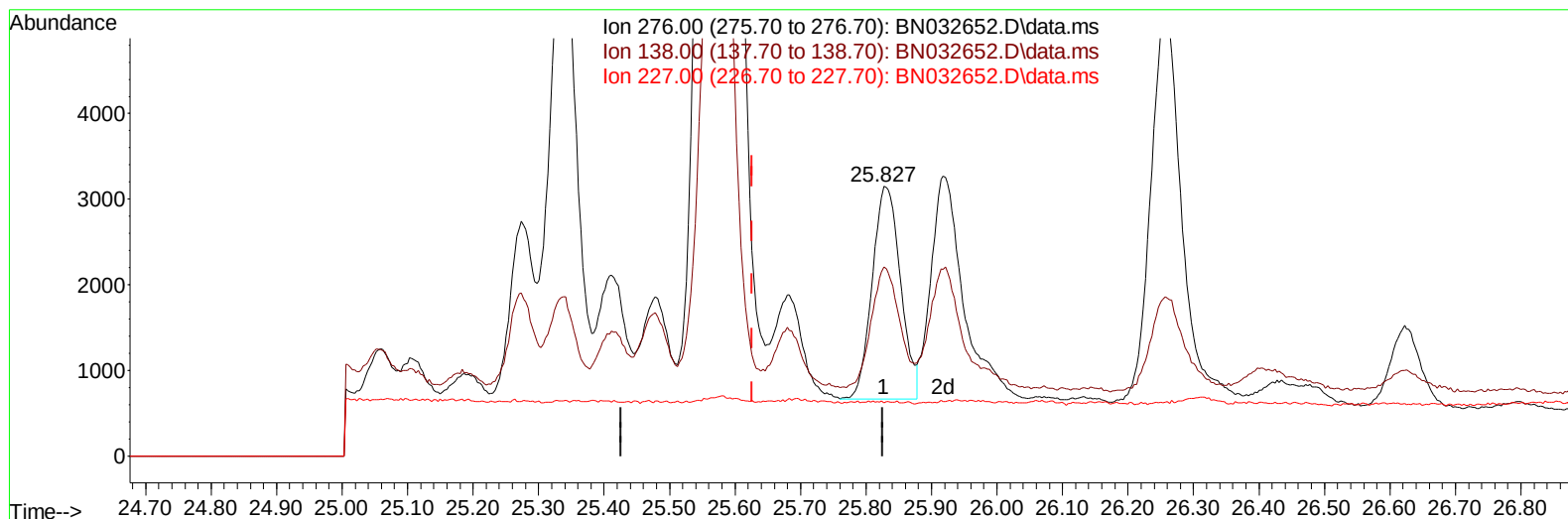
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

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

25.827min (+ 0.201) 0.11 ng/u1

response 7455

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	57.12#
227.00	0.00	0.00
0.00	0.00	0.00

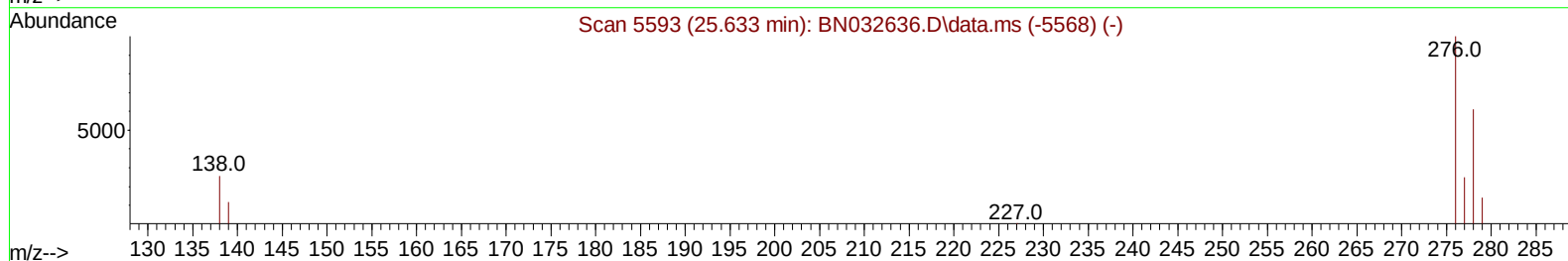
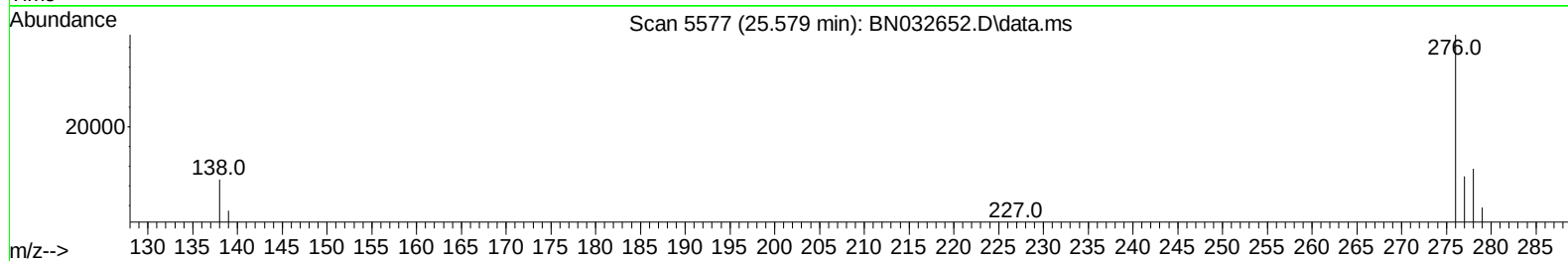
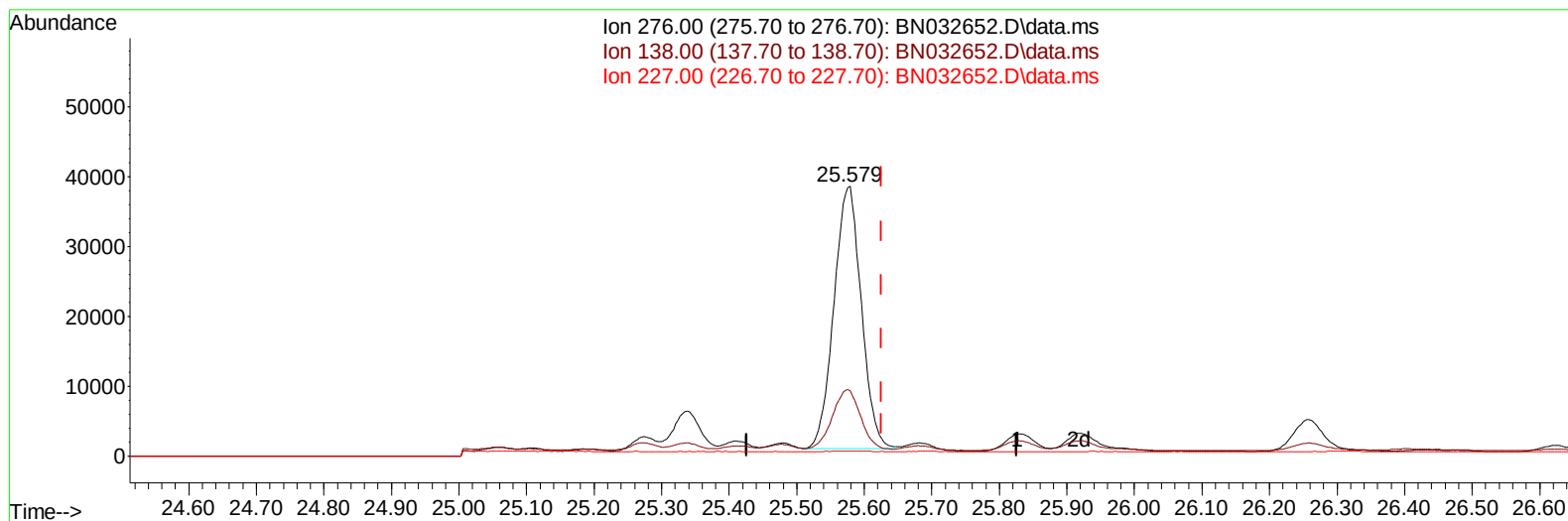
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032652.D\data.ms

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

25.579min (-0.047) 1.50 ng/ul m

response 105764

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	4.03#
227.00	0.00	0.00
0.00	0.00	0.00

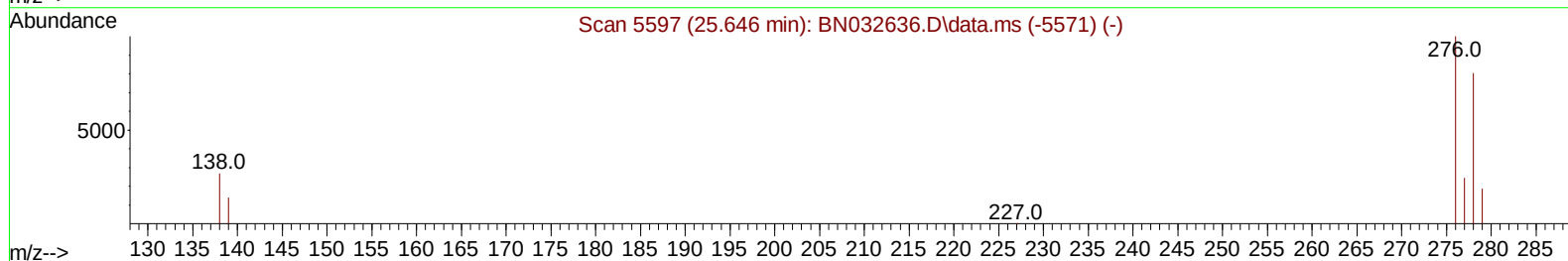
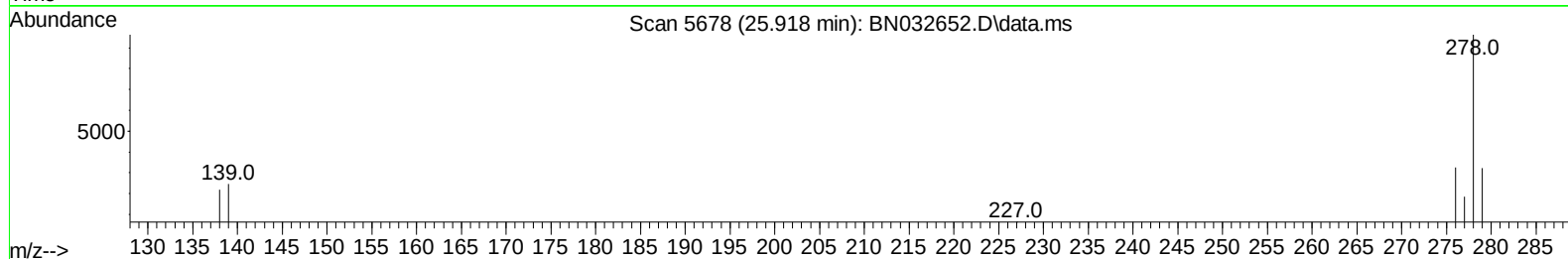
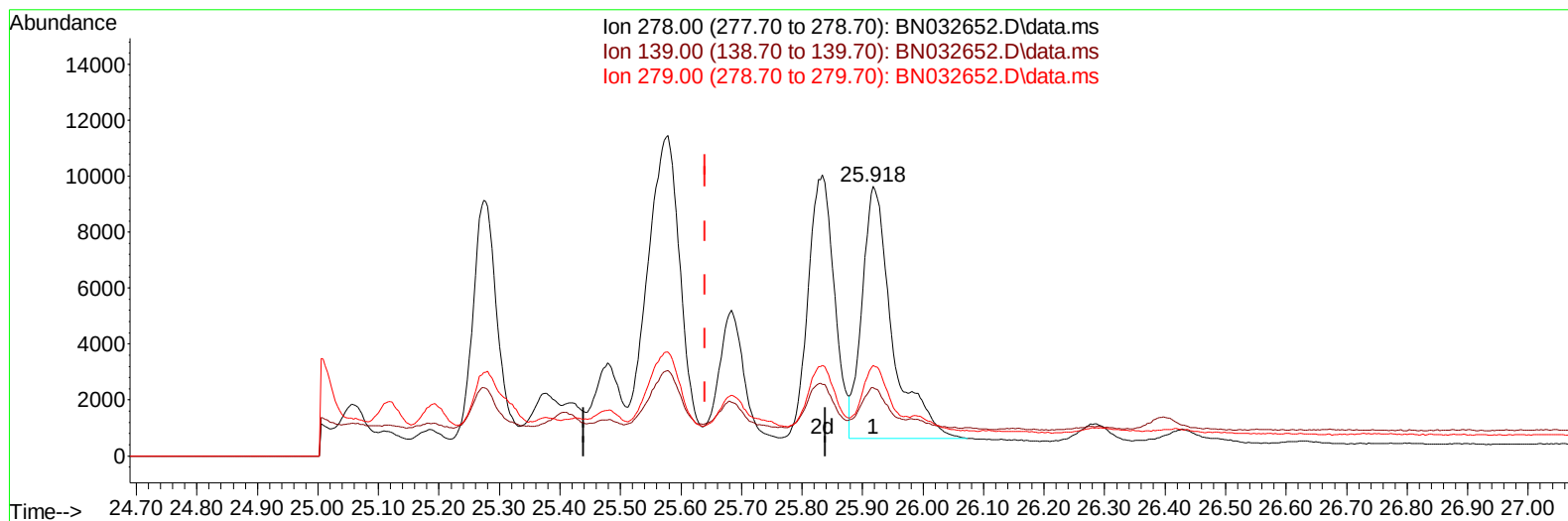
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
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QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032652.D\data.ms

(28) Dibenzo(a,h)anthracene

25.918min (+ 0.278) 0.58 ng/u1

response 31502

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	25.46#
279.00	29.60	33.52
0.00	0.00	0.00

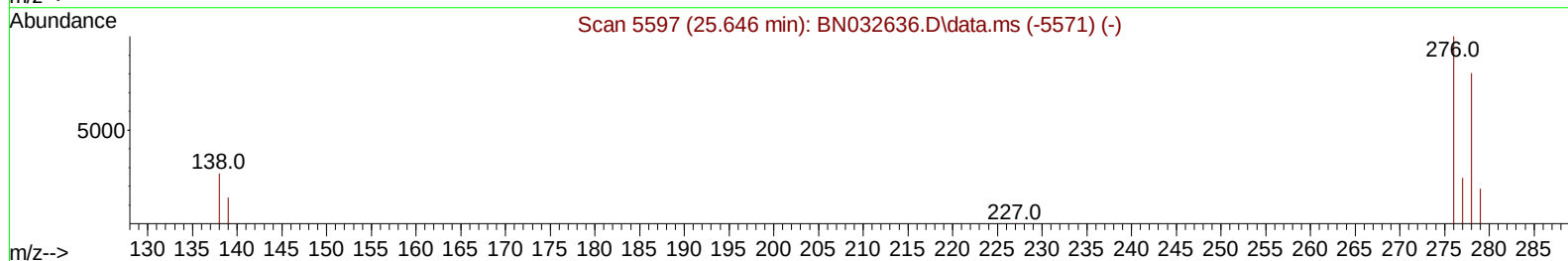
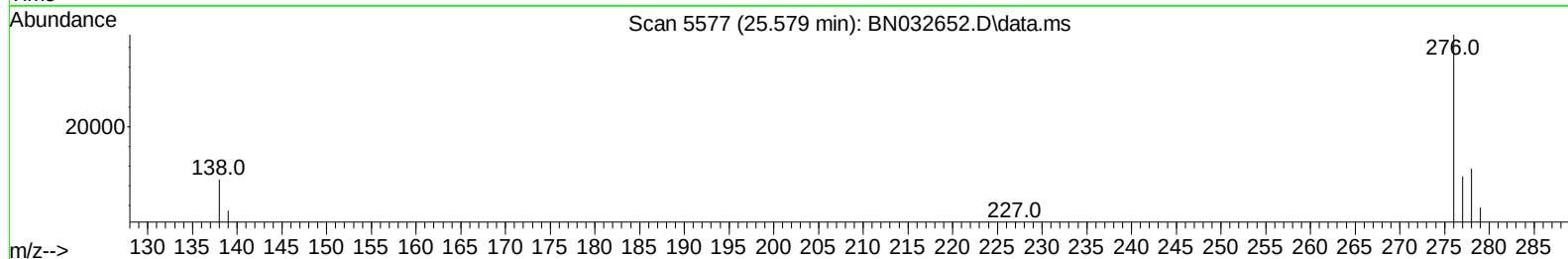
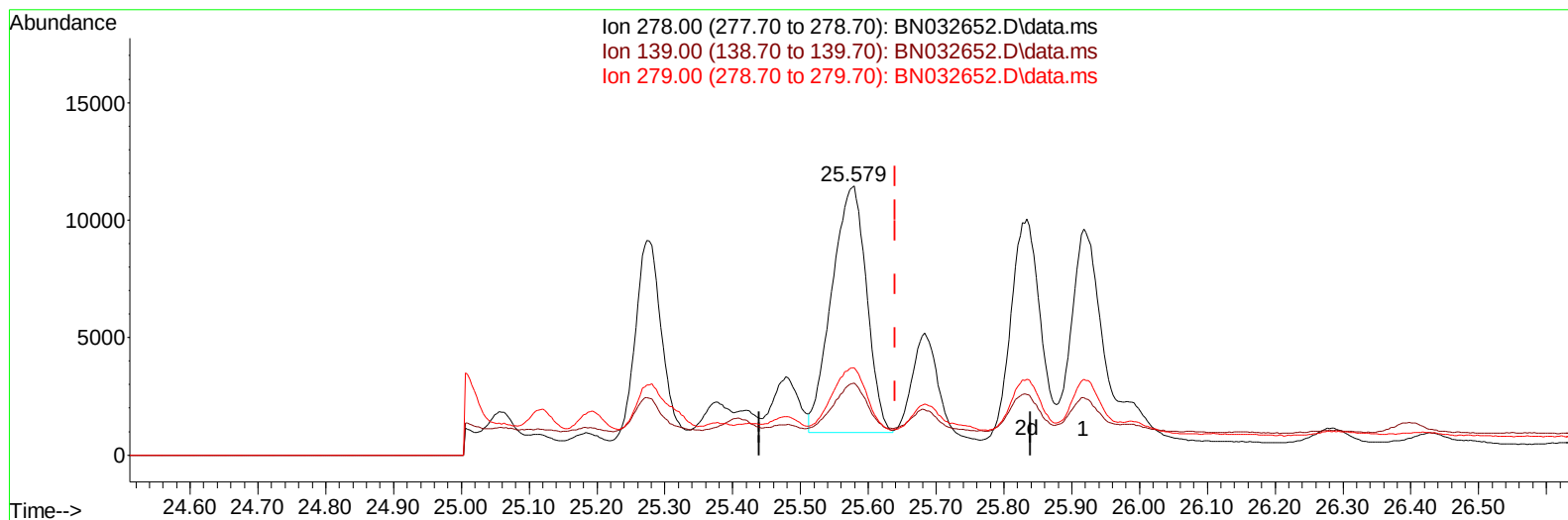
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032652.D\data.ms

(28) Dibenzo(a,h)anthracene

25.579min (-0.060) 0.68 ng/ul m

response 37327

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	26.78#
279.00	29.60	32.52
0.00	0.00	0.00

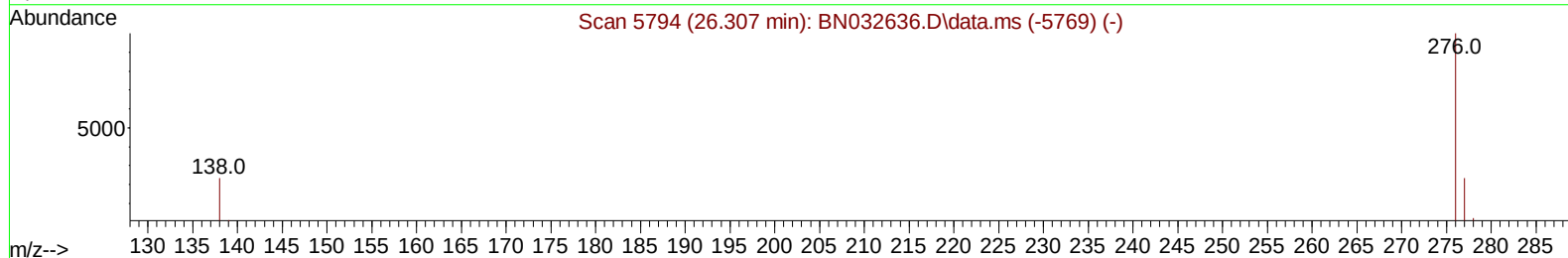
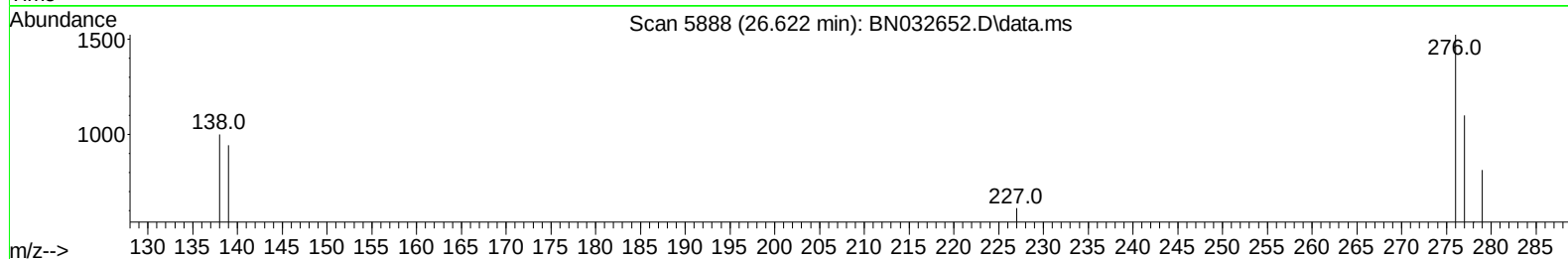
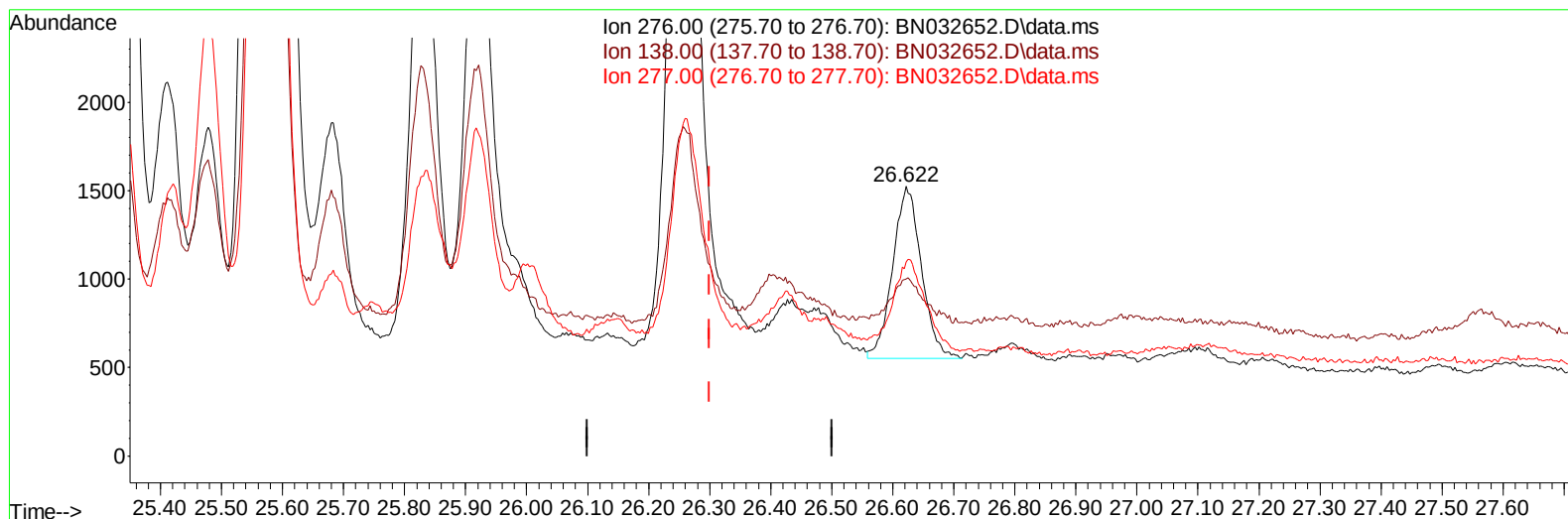
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

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TIC: BN032652.D\data.ms

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

26.622min (+ 0.322) 0.05 ng/u1

response 3168

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	65.66#
277.00	25.80	72.16#
0.00	0.00	0.00

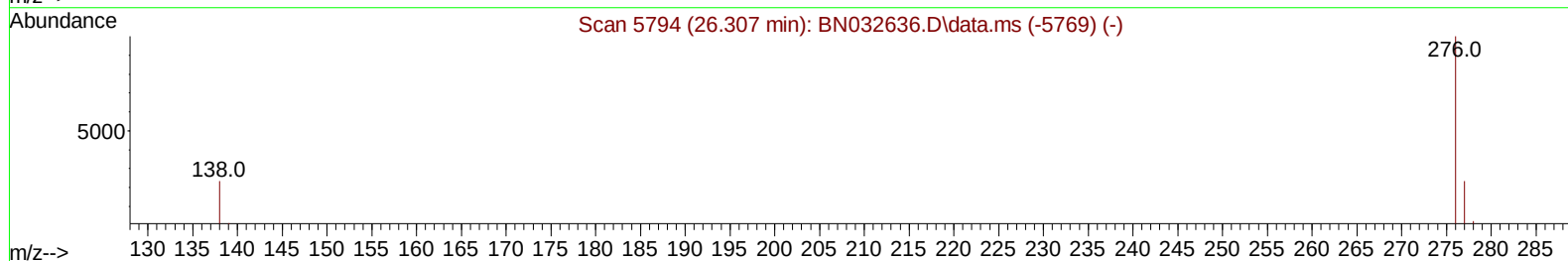
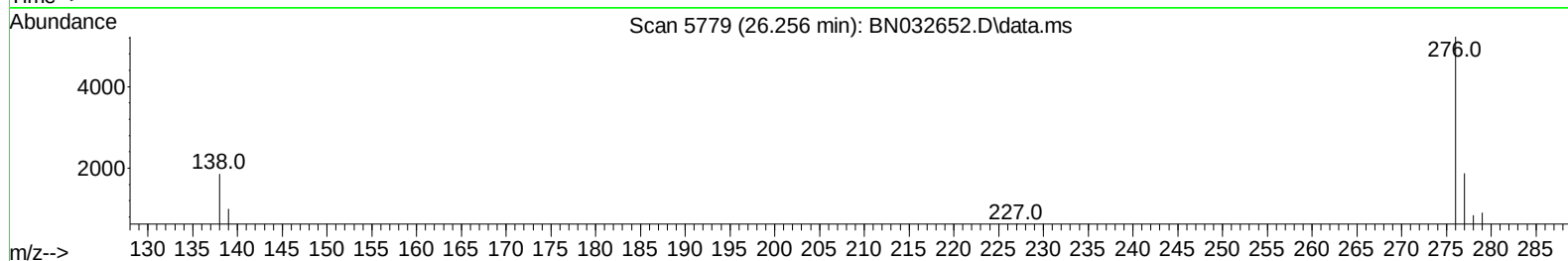
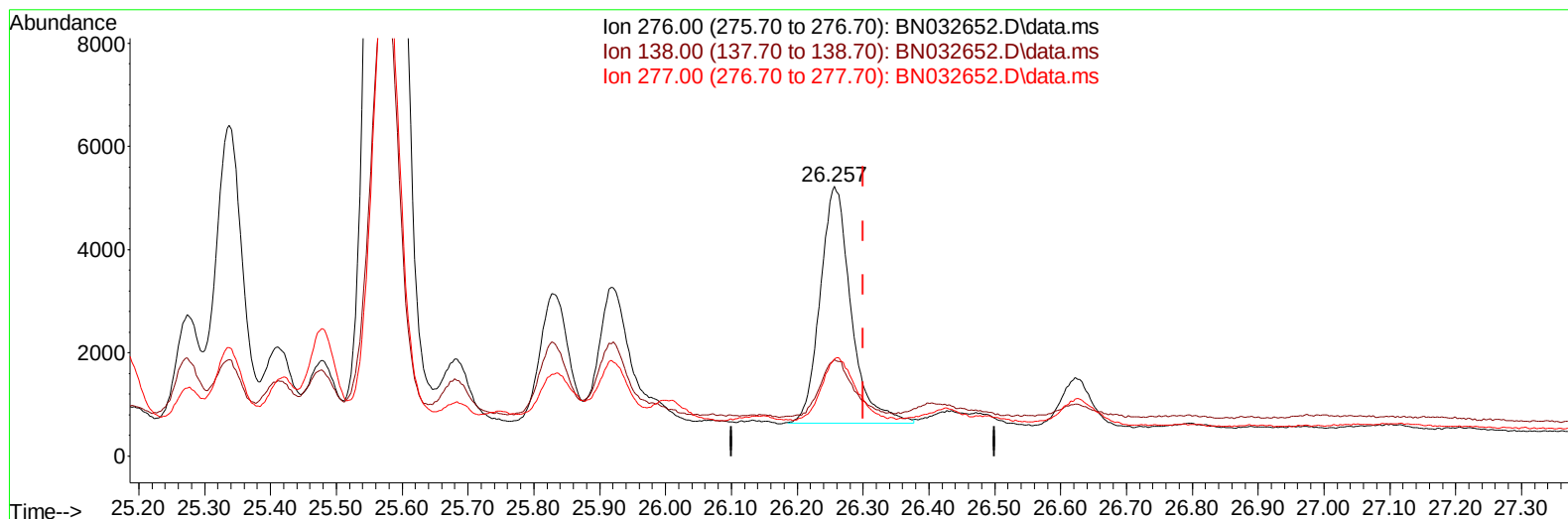
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
Acq On : 12 Jul 2024 00:58
Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032652.D\data.ms

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

26.256min (-0.044) 0.26 ng/ul m

response 15065

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	35.63#
277.00	25.80	35.98#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032652.D
 Acq On : 12 Jul 2024 00:58
 Operator : MA/JU
 Sample : P3035-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:57:26 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	6677	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	19729	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	10295	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	19147m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	15248m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	17063m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	21022	2.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	5138	0.172	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	9234m	0.186	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.376	128	5683	0.107	ng/ul	97
7) 2-Methylnaphthalene	12.004	142	2366	0.072	ng/ul	95
8) 1-Methylnaphthalene	12.230	142	2044	0.060	ng/ul	100
10) Acenaphthylene	13.925	152	12449	0.299	ng/ul	99
11) Acenaphthene	14.267	153	11207	0.326	ng/ul	99
12) Fluorene	15.262	166	14502	0.369	ng/ul	98
15) Phenanthrene	17.003	178	268177m	5.143	ng/ul	
16) Anthracene	17.096	178	53940m	1.266	ng/ul	
19) Fluoranthene	19.031	202	506776m	8.174	ng/ul	
20) Pyrene	19.398	202	349181m	5.441	ng/ul	
21) Benzo(a)anthracene	21.156	228	232861m	4.798	ng/ul	
22) Chrysene	21.206	228	238612m	3.398	ng/ul	
24) Benzo(b)fluoranthene	22.710	252	306428m	5.090	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	118433m	1.614	ng/ul	
26) Benzo(a)pyrene	23.272	252	119414m	2.292	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.579	276	105764m	1.499	ng/ul	
28) Dibenzo(a,h)anthracene	25.579	278	37327m	0.683	ng/ul	
29) Benzo(g,h,i)perylene	26.256	276	15065m	0.256	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032652.D
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Operator : MA/JU
Sample : P3035-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:26 2024
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