

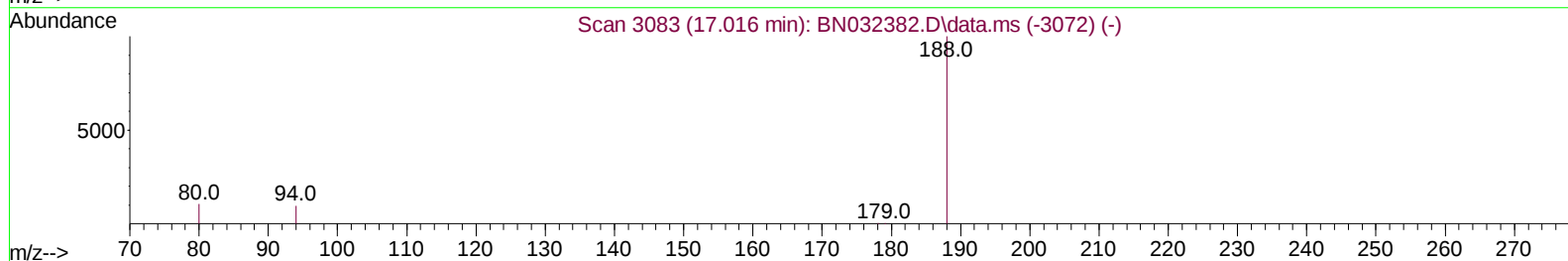
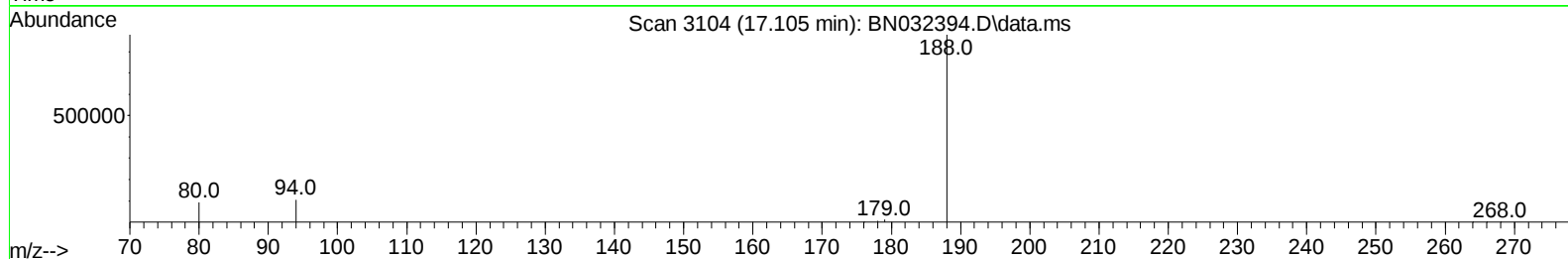
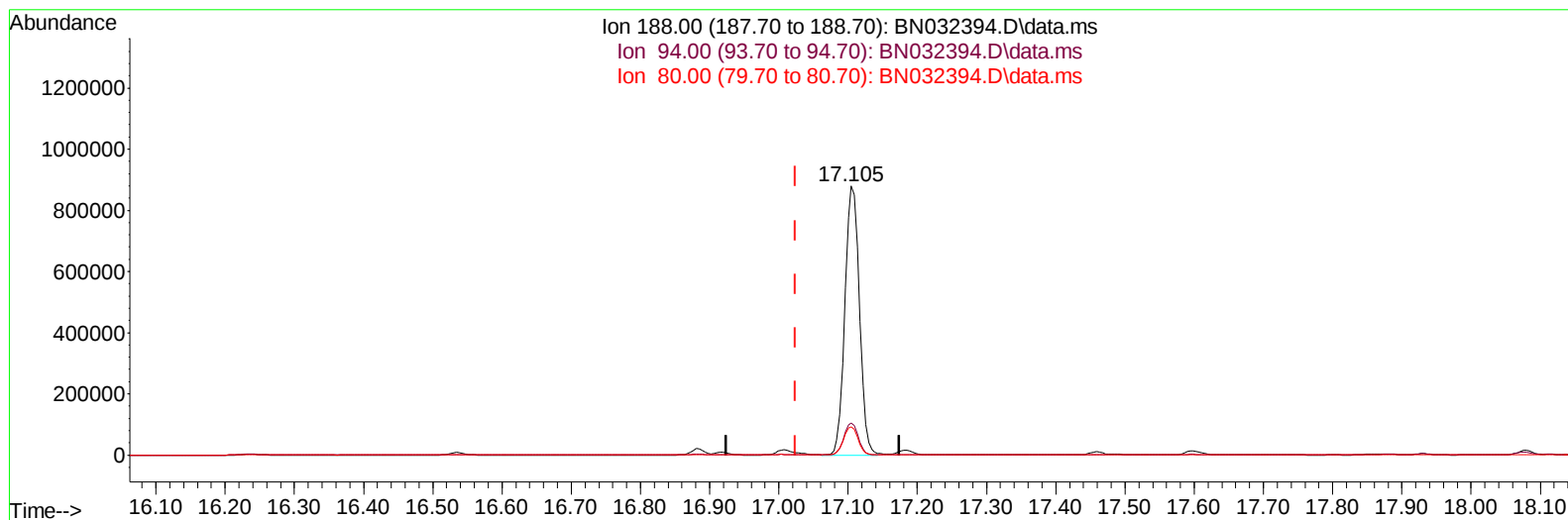
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.080) 0.40 ng/u1

response 1283886

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.89
80.00	10.50	10.52
0.00	0.00	0.00

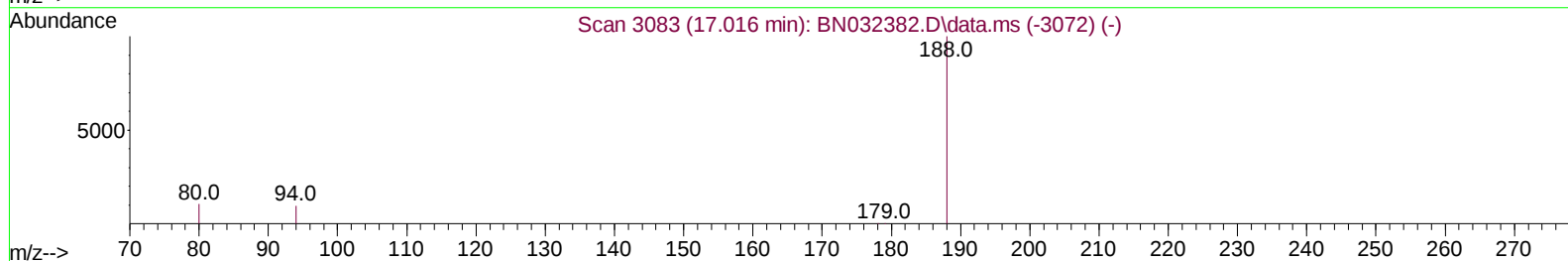
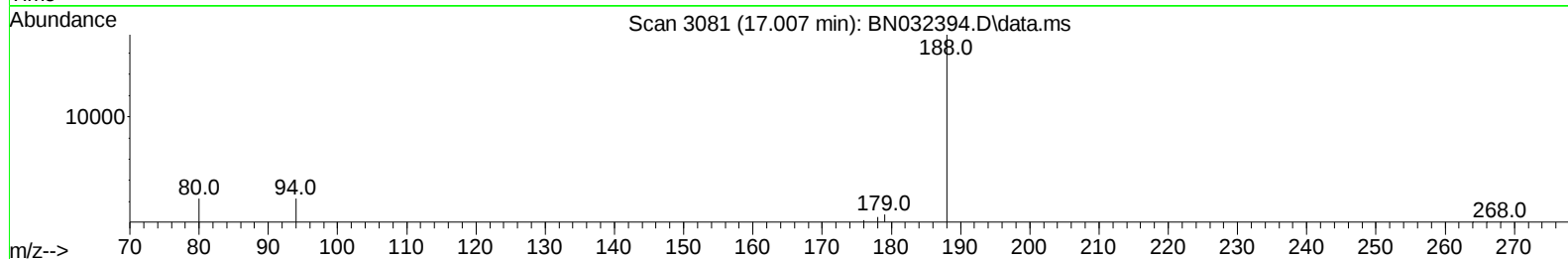
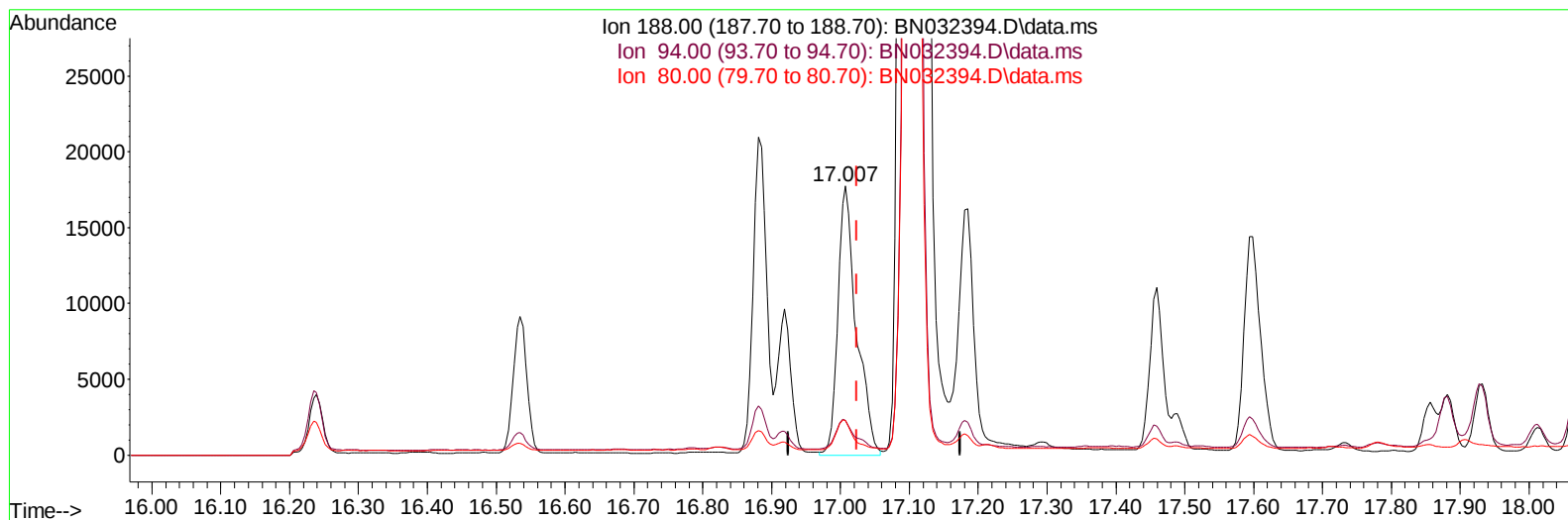
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(13) Phenanthrene-d10 (I)

17.007min (-0.017) 0.40 ng/u1 m

response 33000

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.82#
80.00	10.50	12.88#
0.00	0.00	0.00

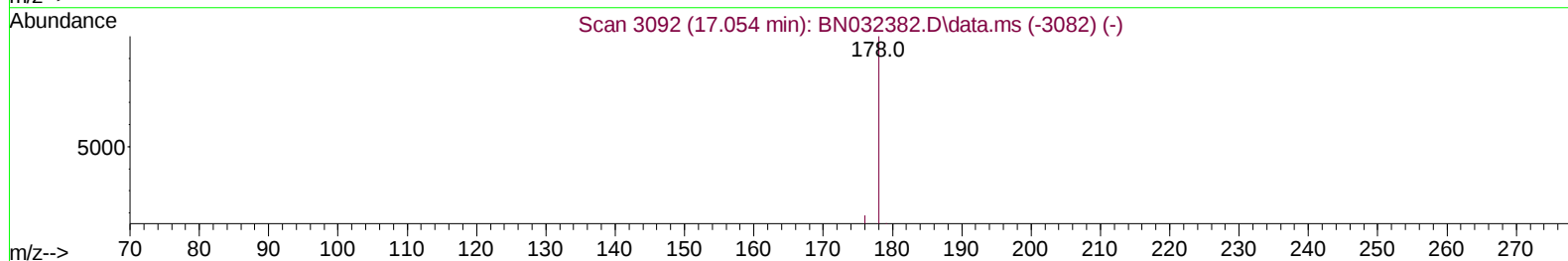
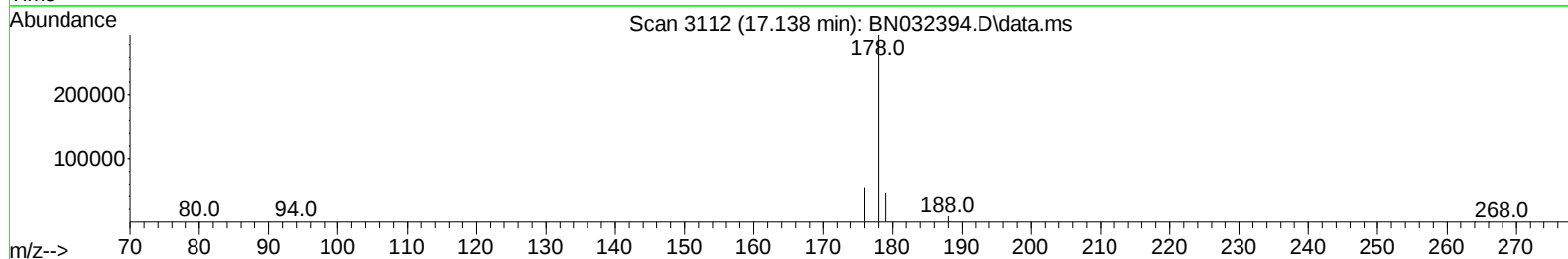
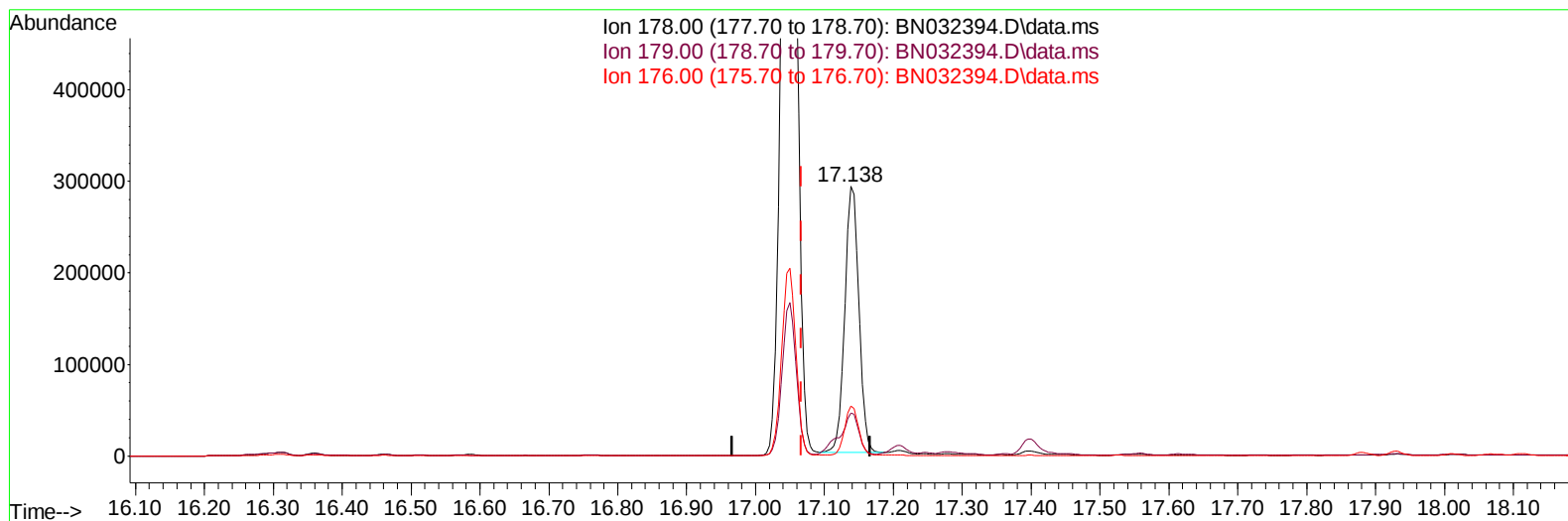
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(15) Phenanthrene

17.138min (+ 0.072) 4.57 ng/u1

response 413214

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.86
176.00	19.50	18.55
0.00	0.00	0.00

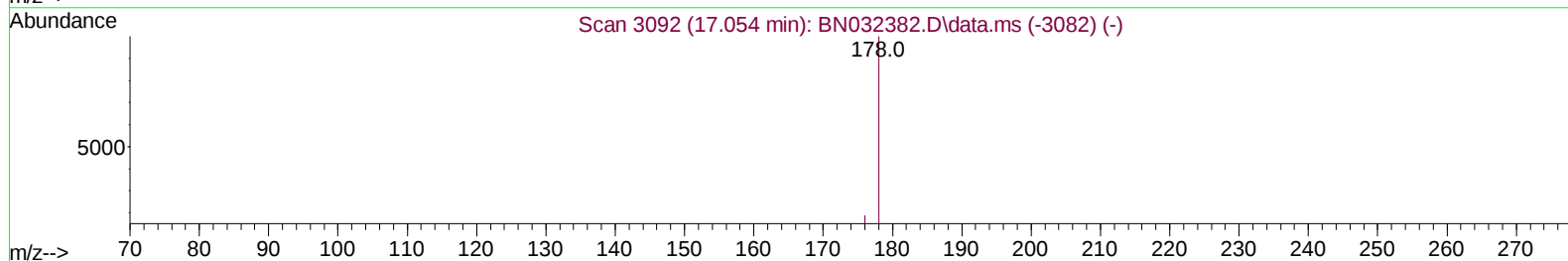
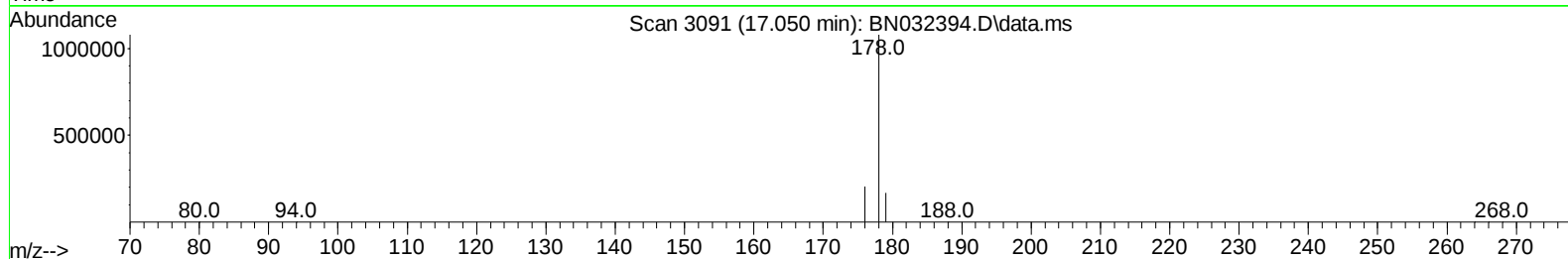
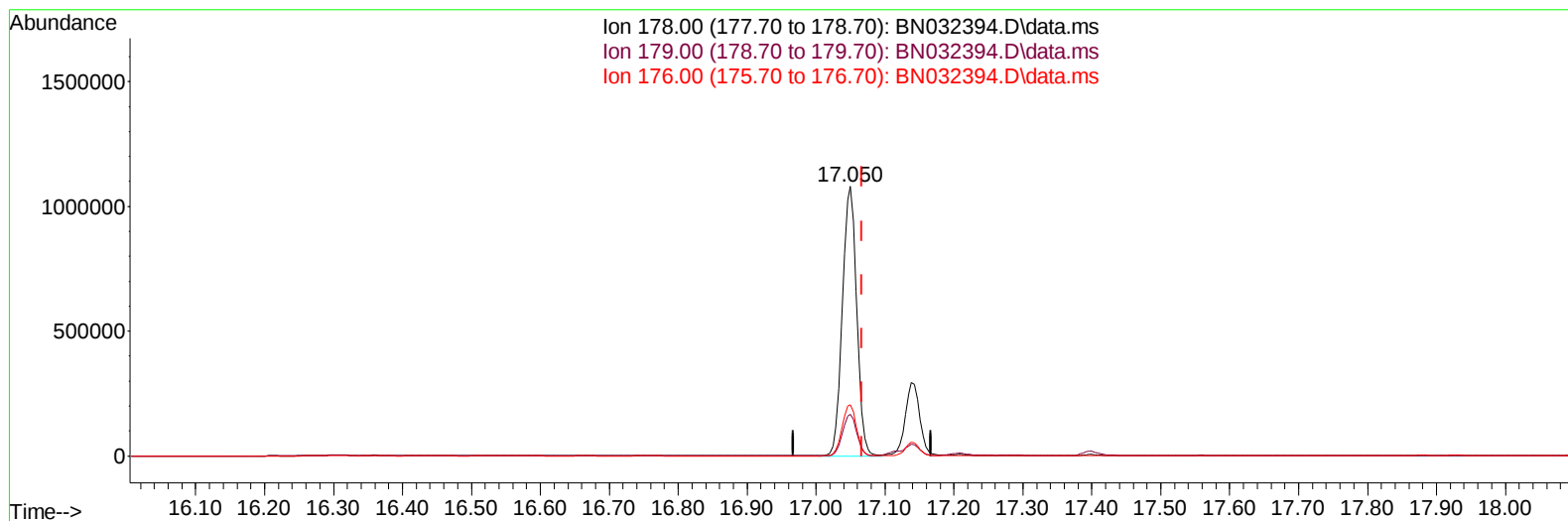
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(15) Phenanthrene

17.050min (-0.017) 17.23 ng/ul m

response 1559211

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.55
176.00	19.50	19.00
0.00	0.00	0.00

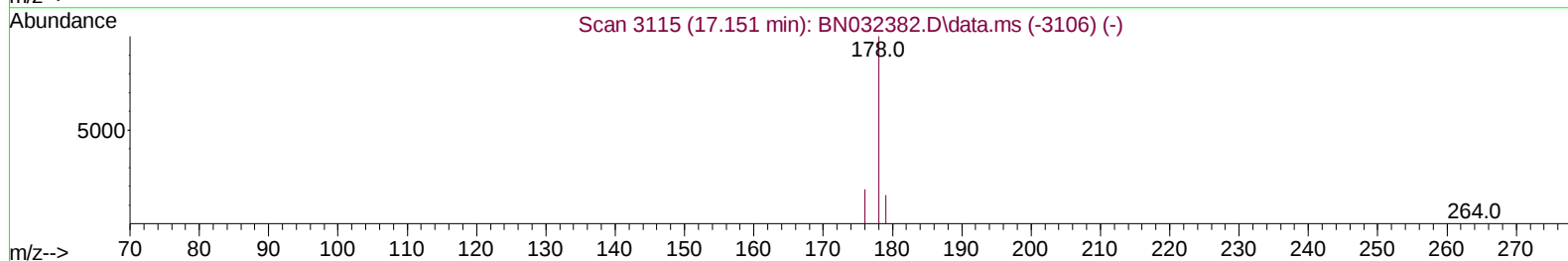
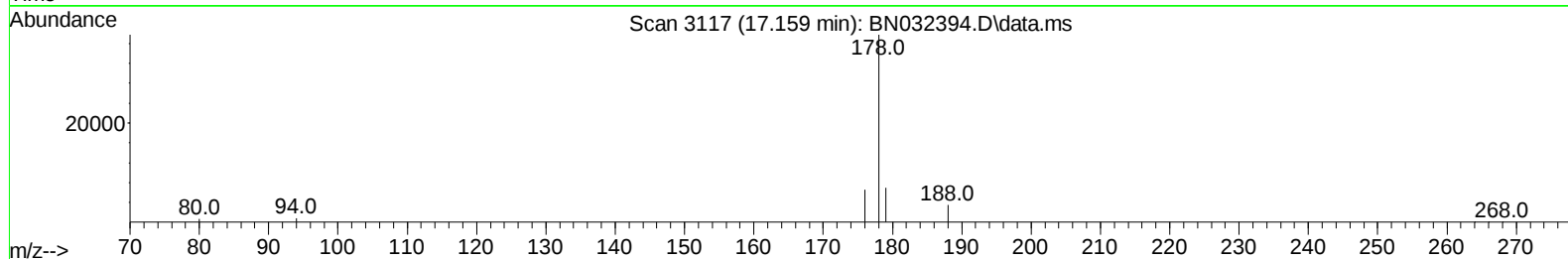
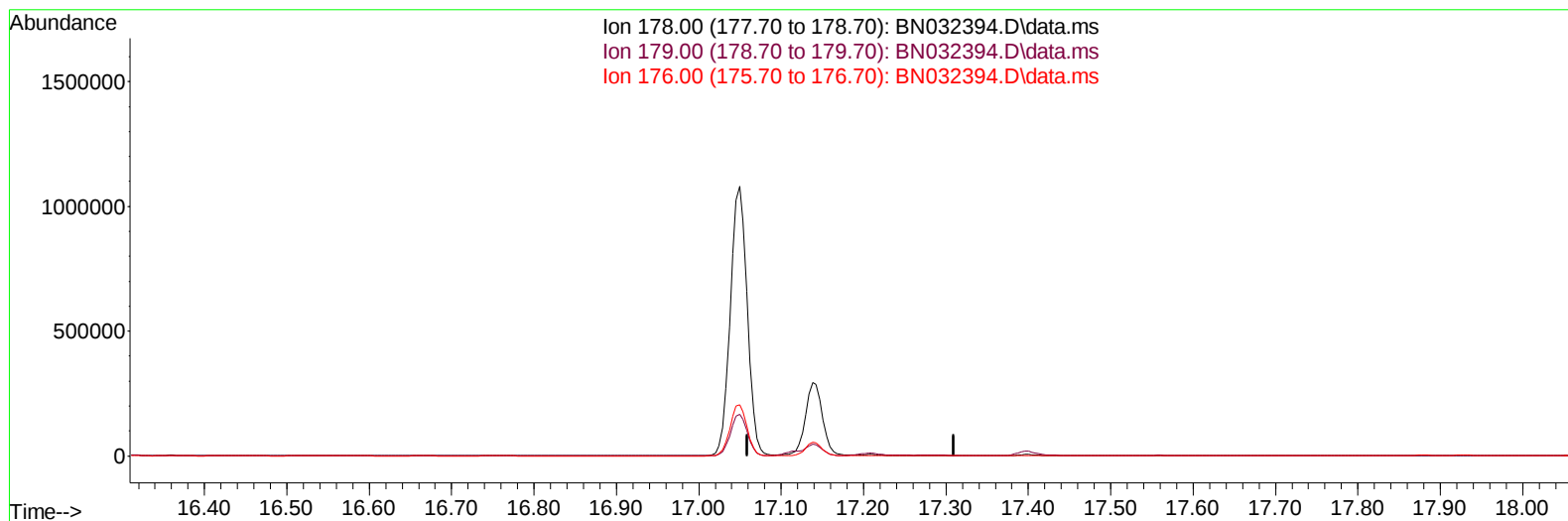
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(16) Anthracene

17.160min (-17.160) 0.00 ng/u1

response 0

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

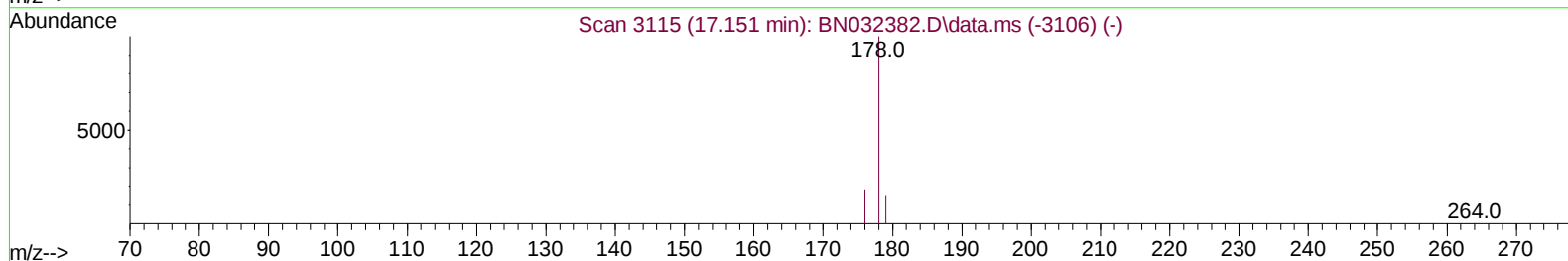
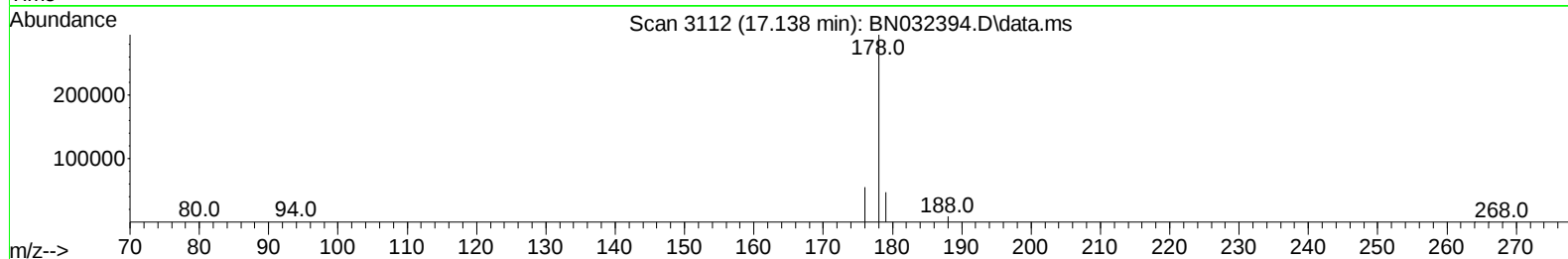
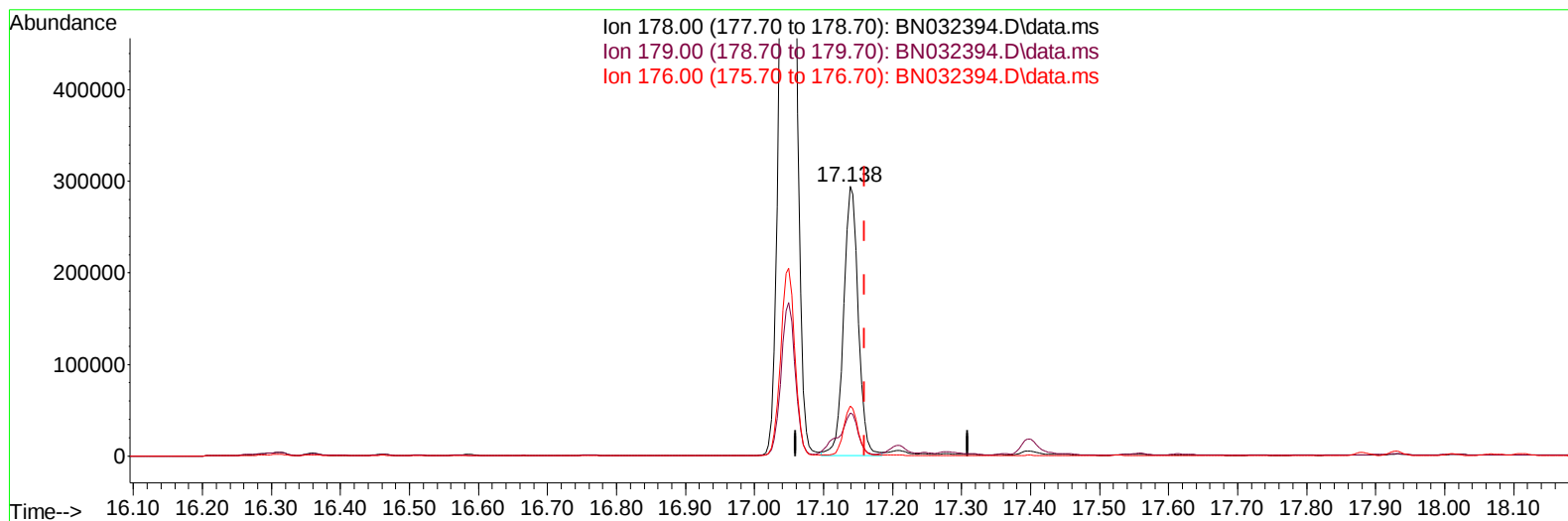
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(16) Anthracene

17.138min (-0.021) 5.34 ng/ul m

response 430789

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.86
176.00	18.80	18.55
0.00	0.00	0.00

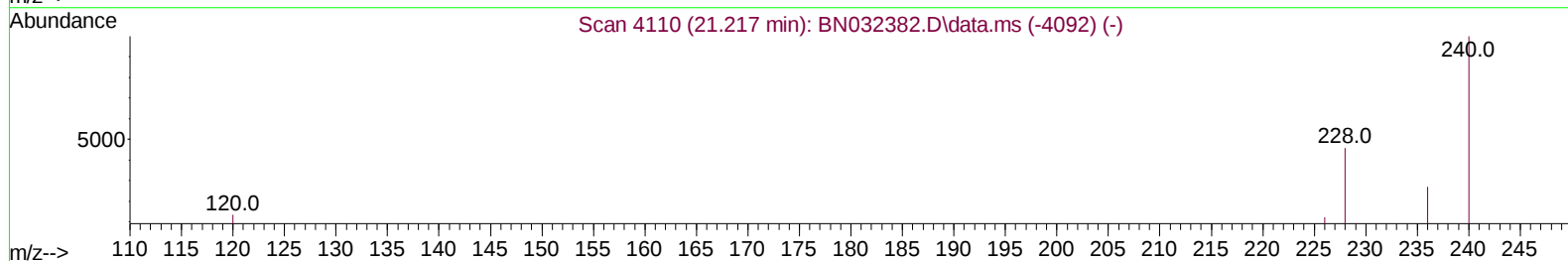
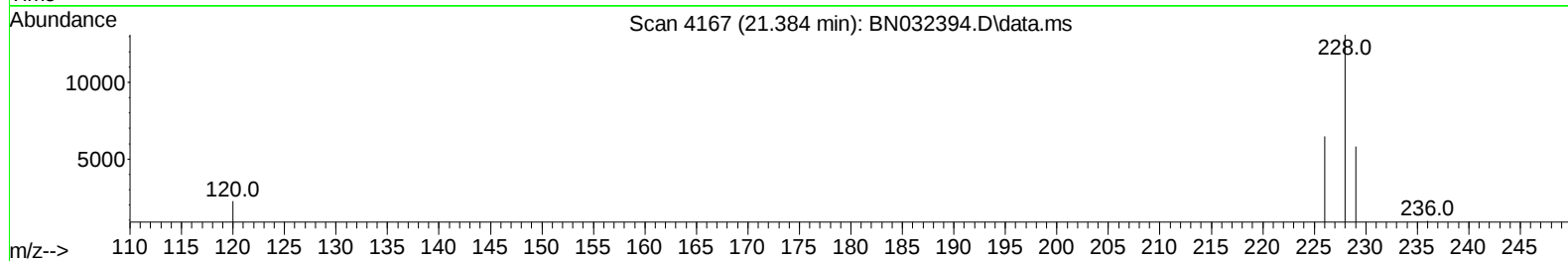
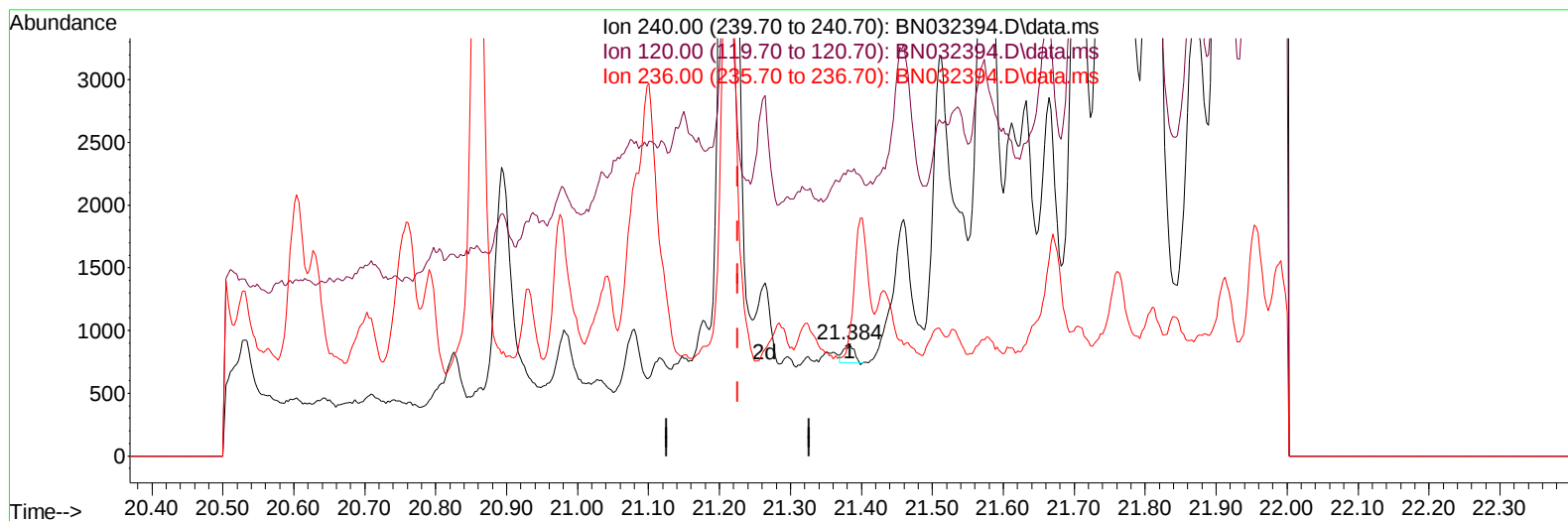
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(17) Chrysene-d12

21.384min (+ 0.158) 0.40 ng/u1

response 152

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	255.06#
236.00	28.40	111.24#
0.00	0.00	0.00

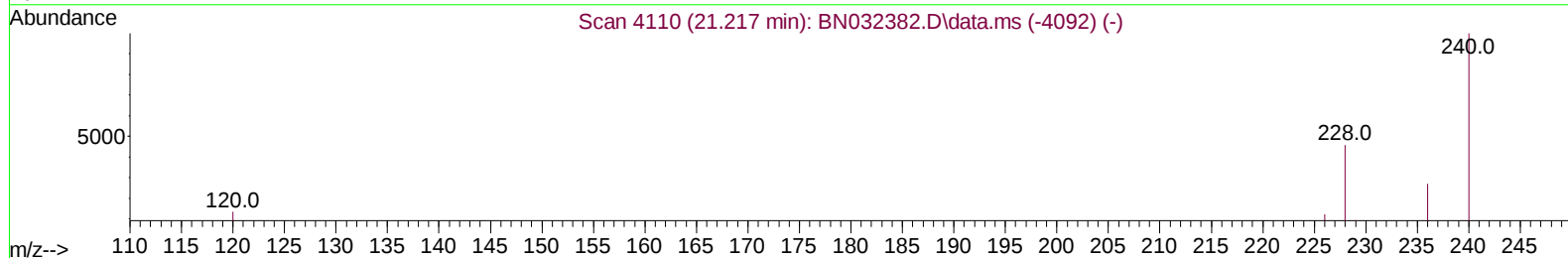
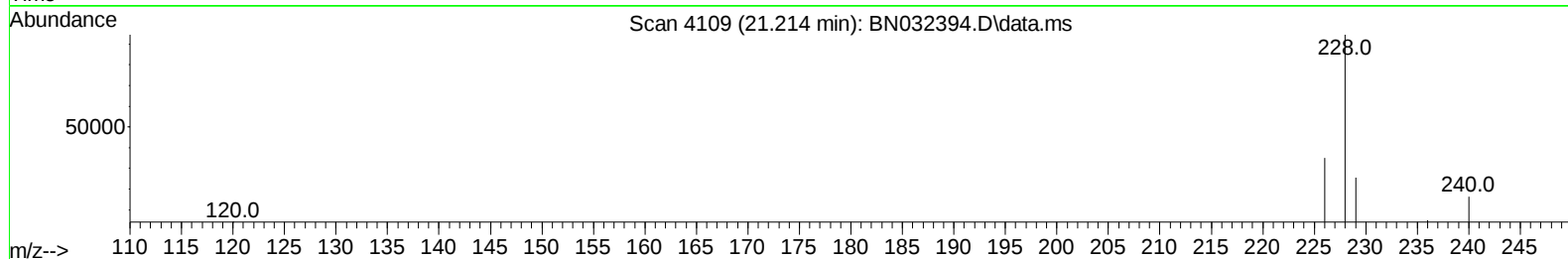
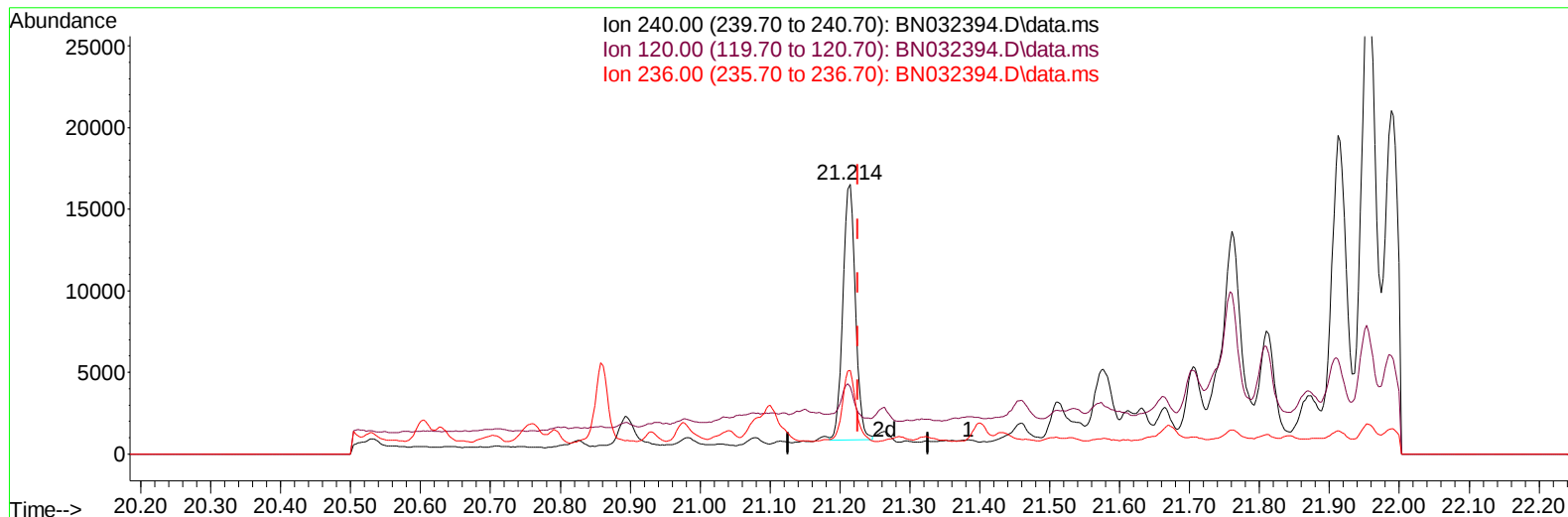
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(17) Chrysene-d12

21.214min (-0.012) 0.40 ng/u1 m

response 19598

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	24.83#
236.00	28.40	30.94
0.00	0.00	0.00

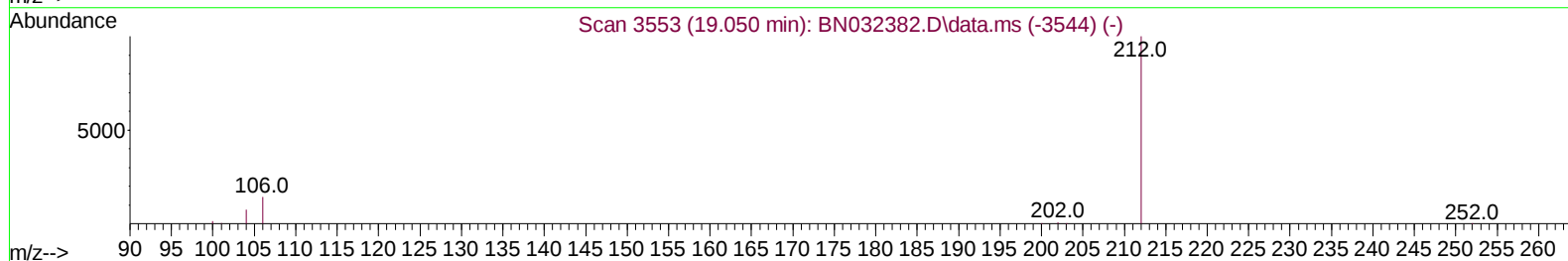
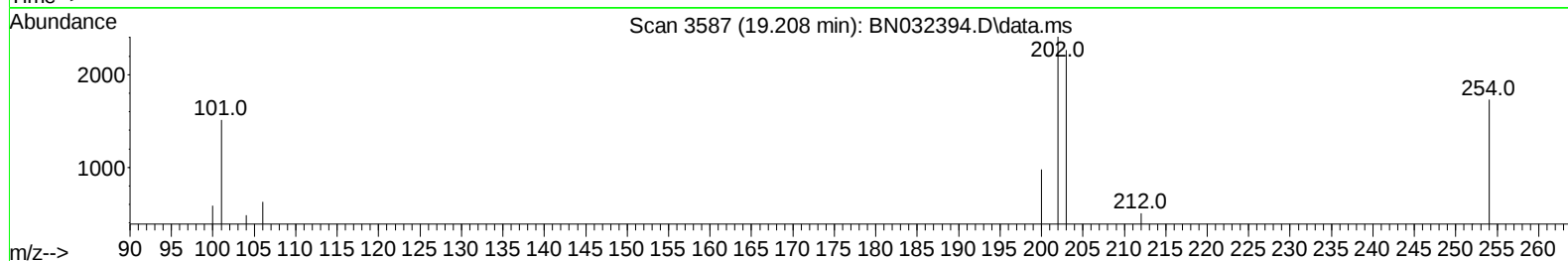
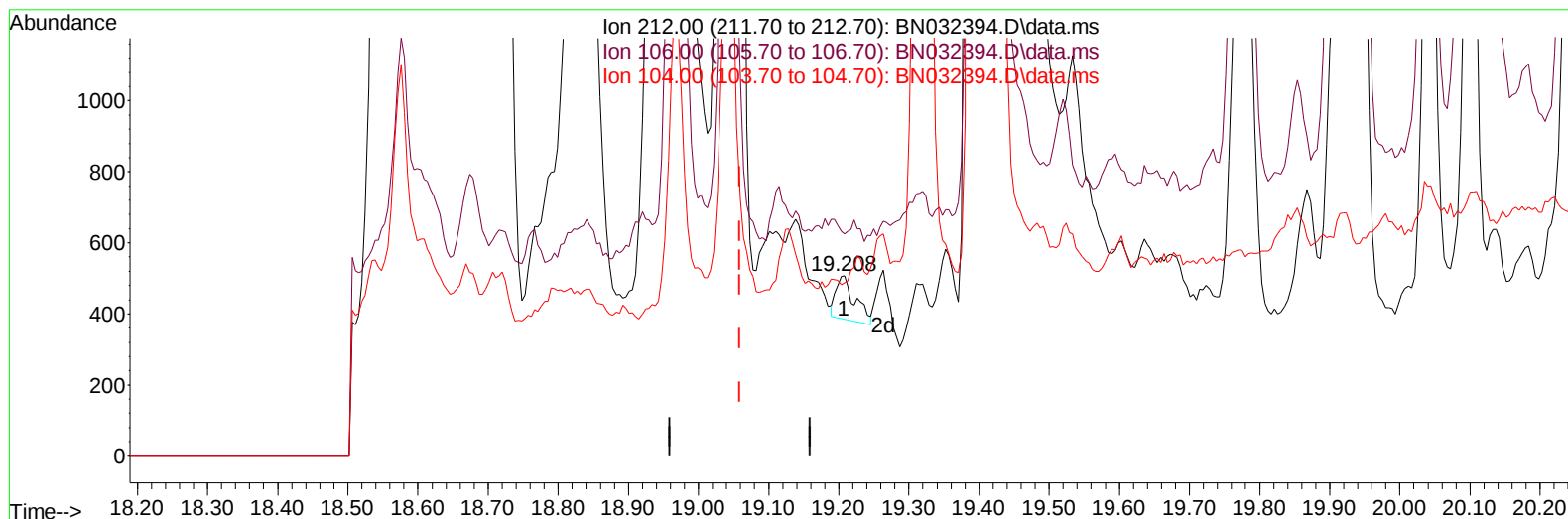
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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TIC: BN032394.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.208min (+ 0.149) 0.00 ng/u1

response 223

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	24.66#
104.00	8.40	40.81#
0.00	0.00	0.00

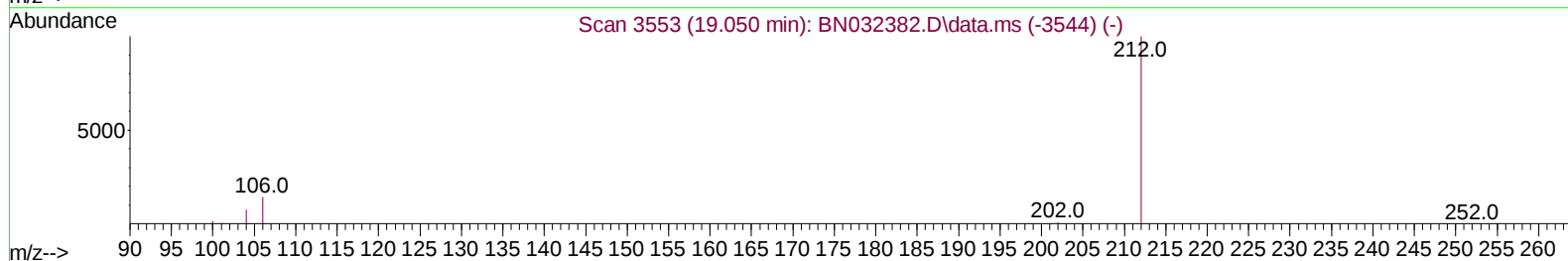
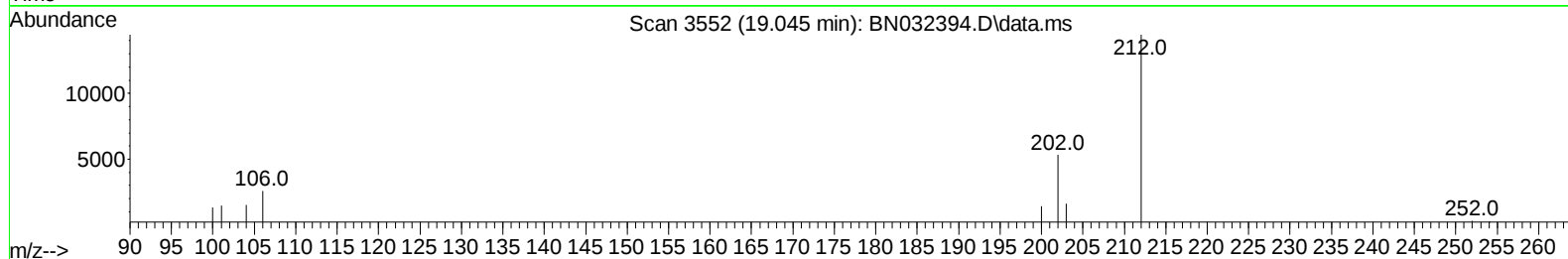
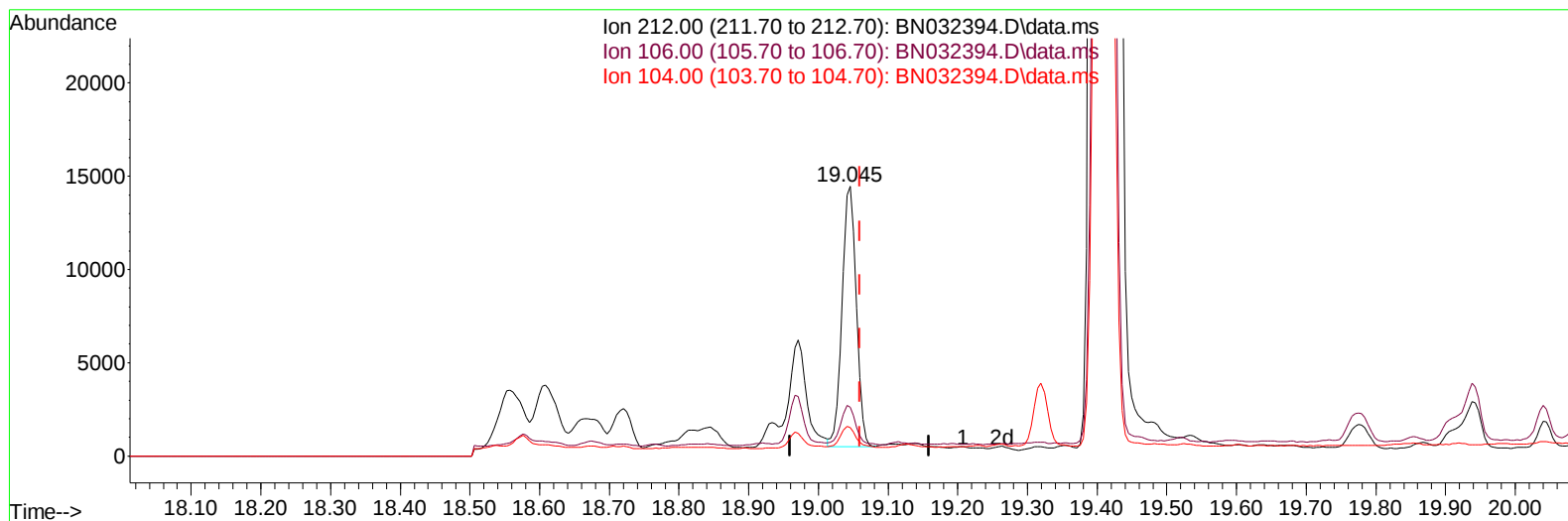
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.045min (-0.014) 0.33 ng/u1 m

response 19577

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.28#
104.00	8.40	0.46#
0.00	0.00	0.00

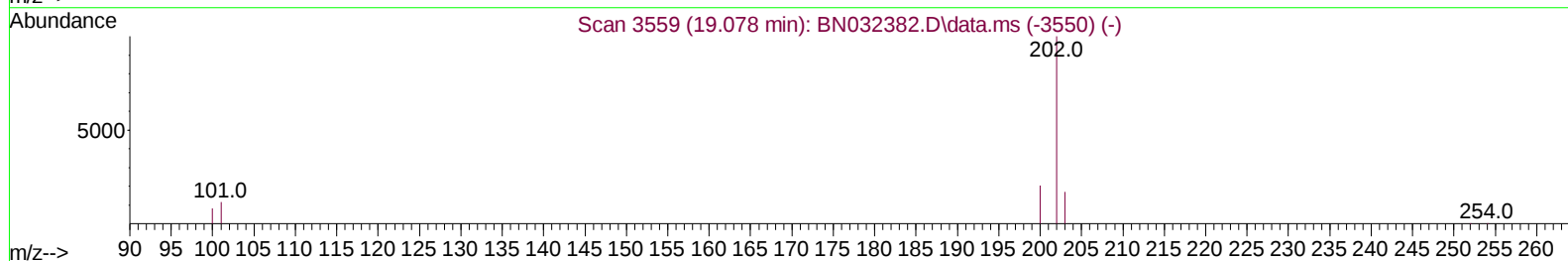
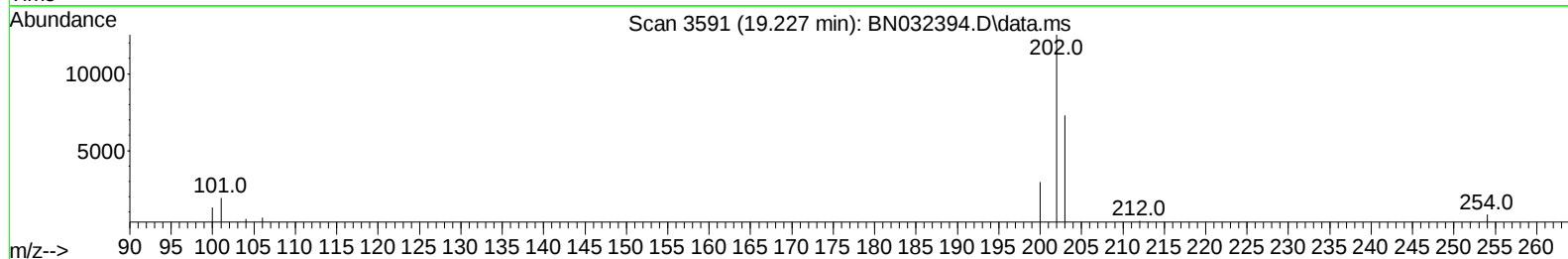
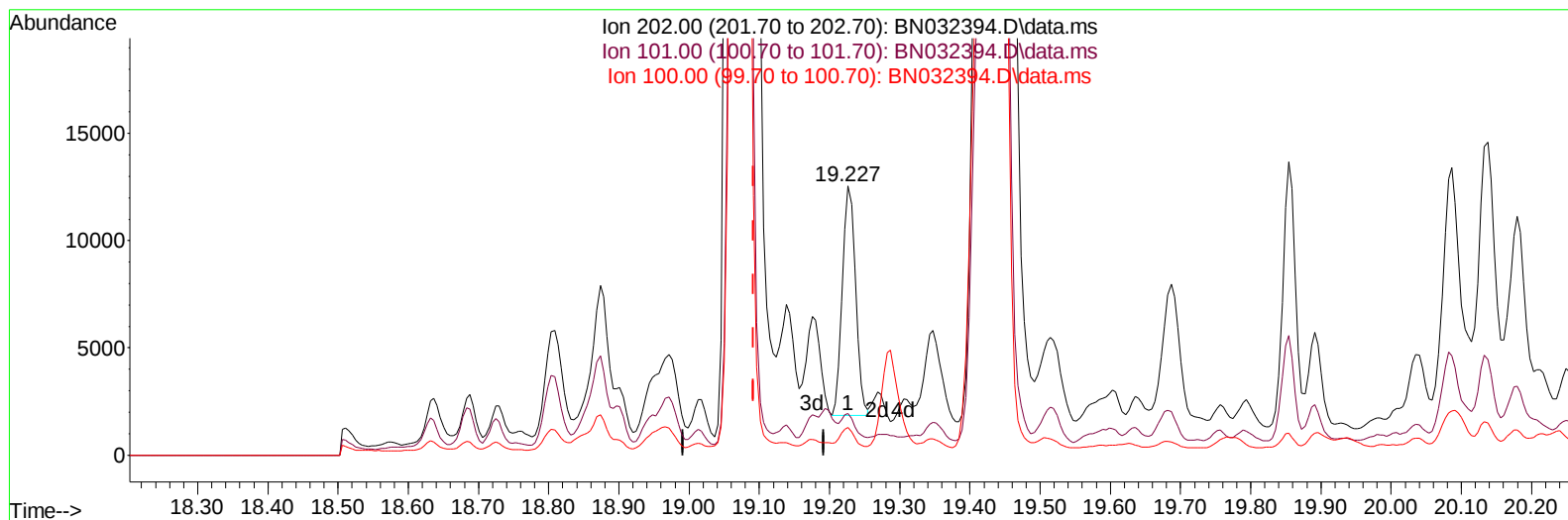
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(19) Fluoranthene (C)

19.227min (+ 0.135) 0.19 ng/u1

response 13906

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	15.37#
100.00	8.00	10.26#
0.00	0.00	0.00

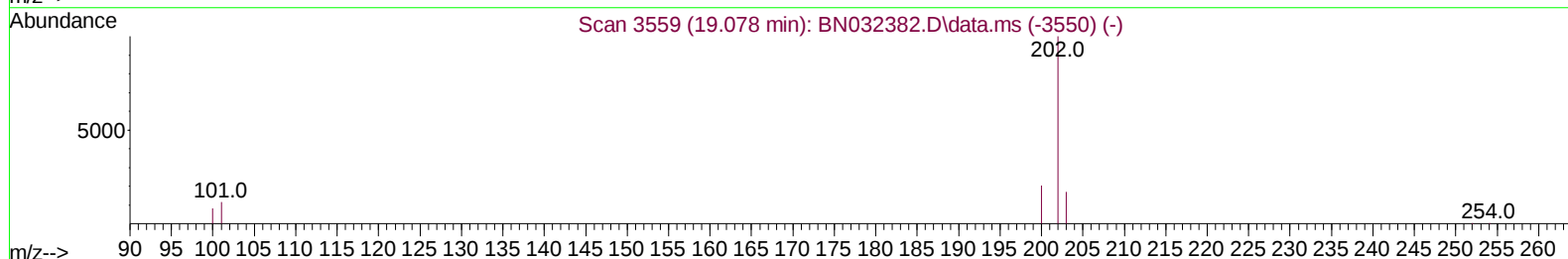
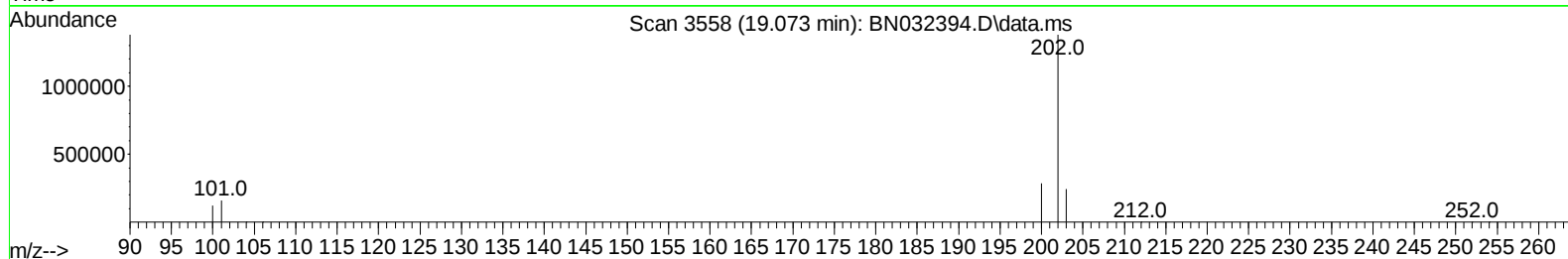
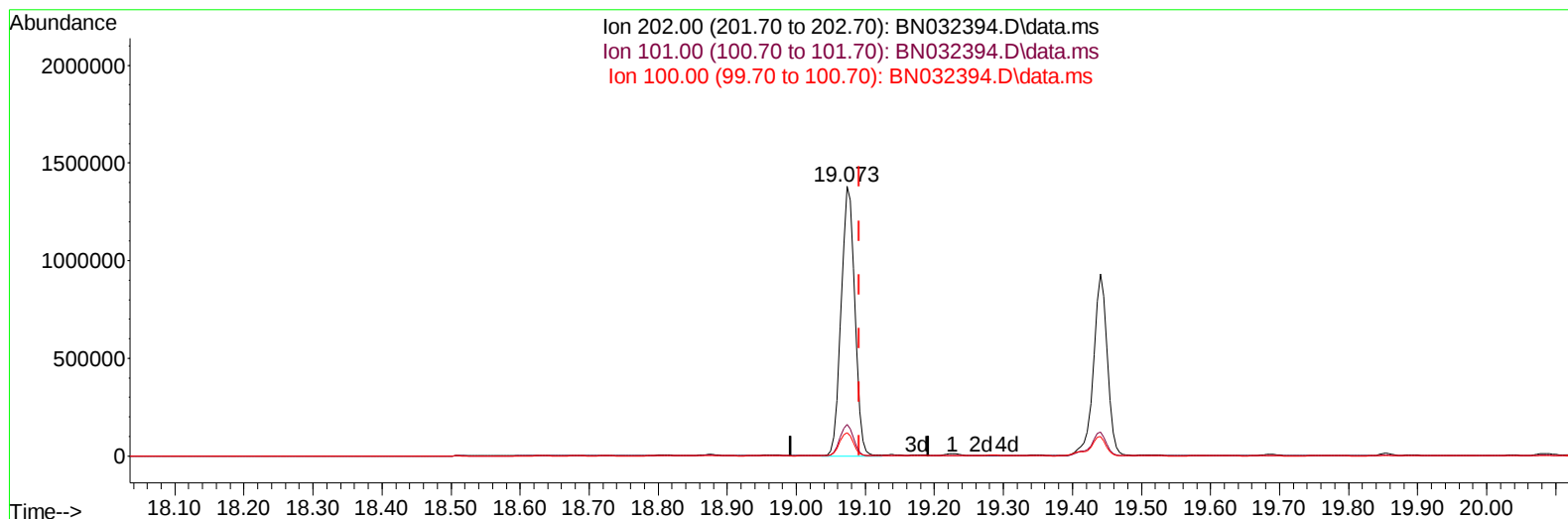
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032394.D
 Acq On : 02 Jul 2024 11:10
 Operator : MA/JU
 Sample : P2871-23
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(19) Fluoranthene (C)

19.073min (-0.019) 25.10 ng/ul m

response 1873427

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.70
100.00	8.00	8.71
0.00	0.00	0.00

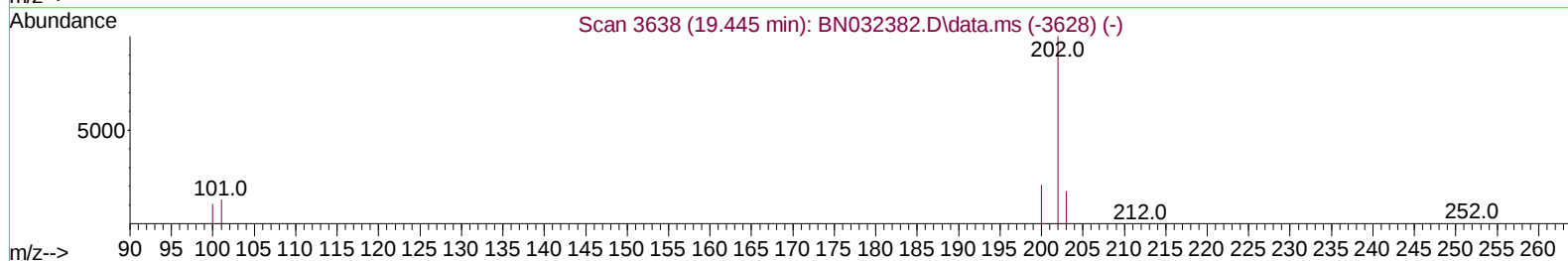
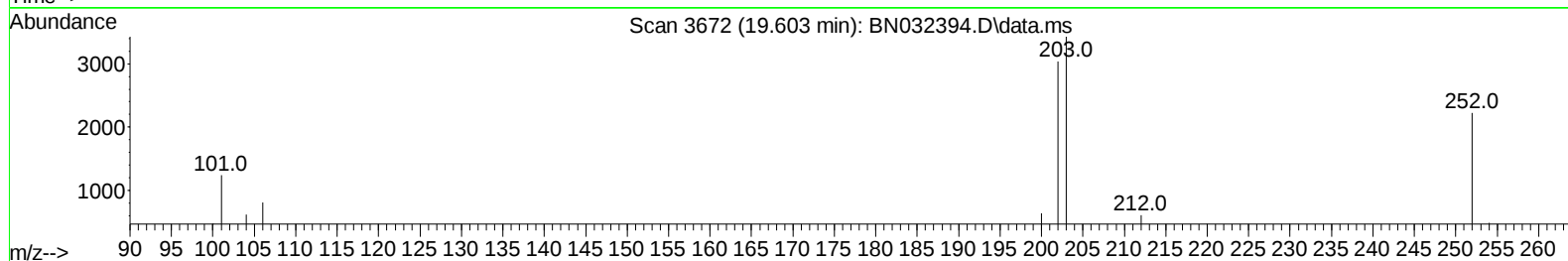
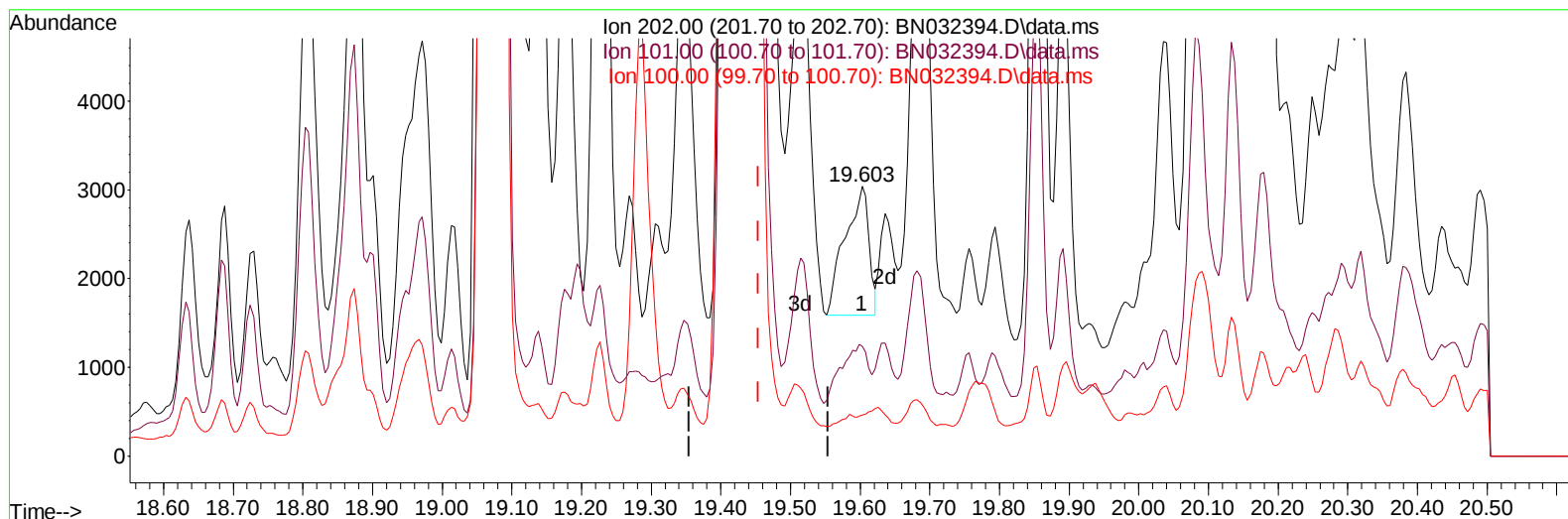
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(20) Pyrene

19.603min (+ 0.149) 0.04 ng/u1

response 3460

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	40.75#
100.00	10.90	15.31#
0.00	0.00	0.00

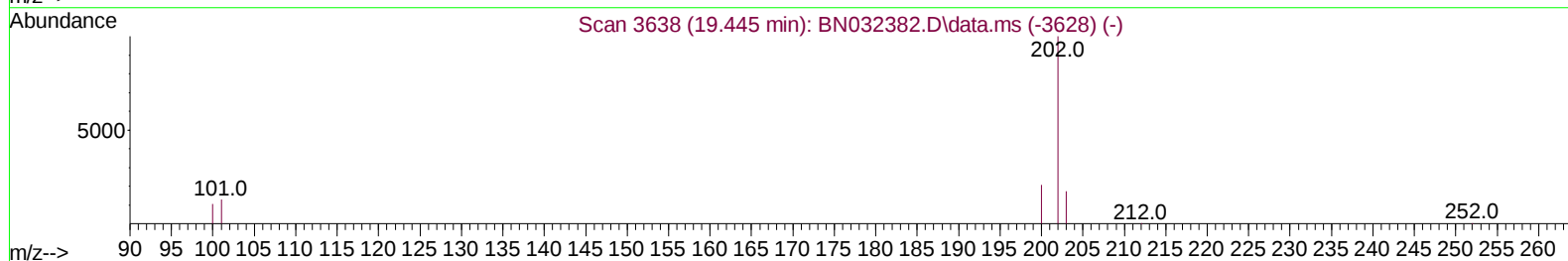
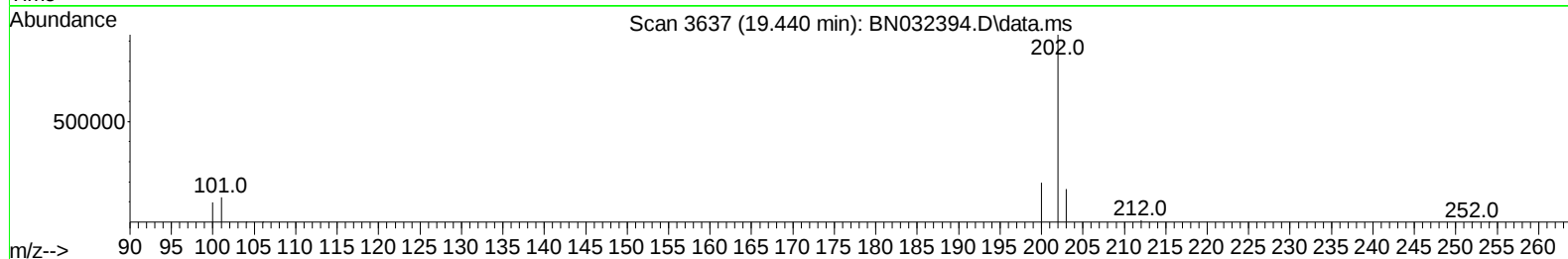
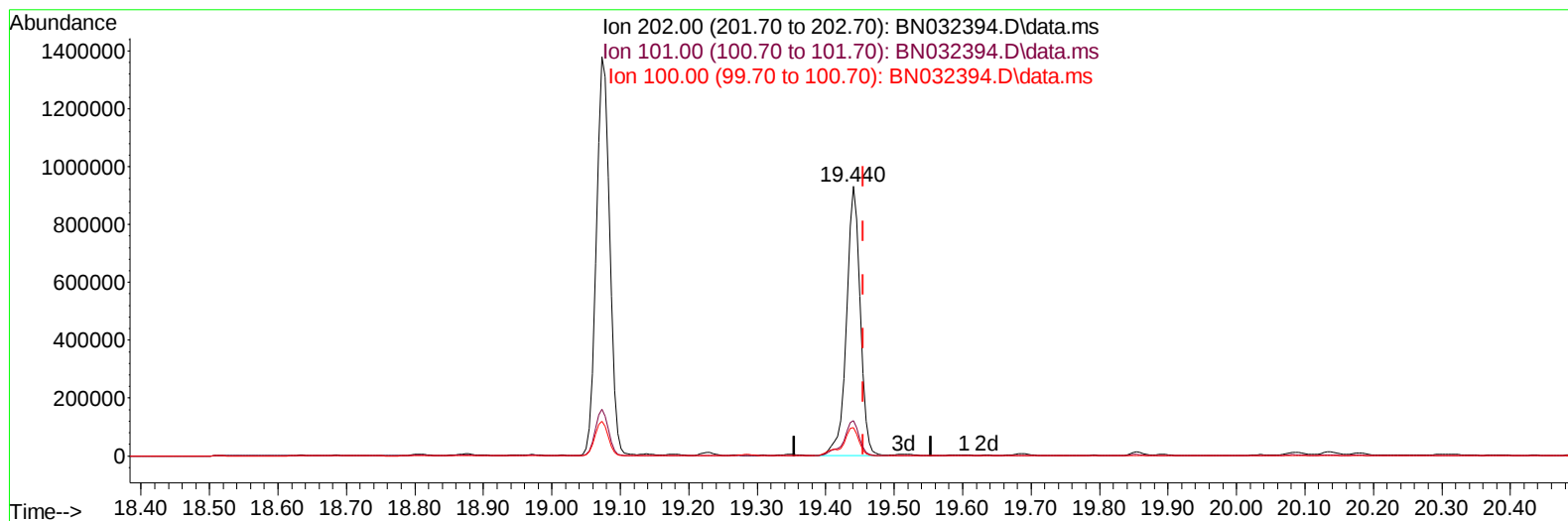
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(20) Pyrene

19.440min (-0.014) 16.71 ng/ul m

response 1302856

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.13
100.00	10.90	10.54
0.00	0.00	0.00

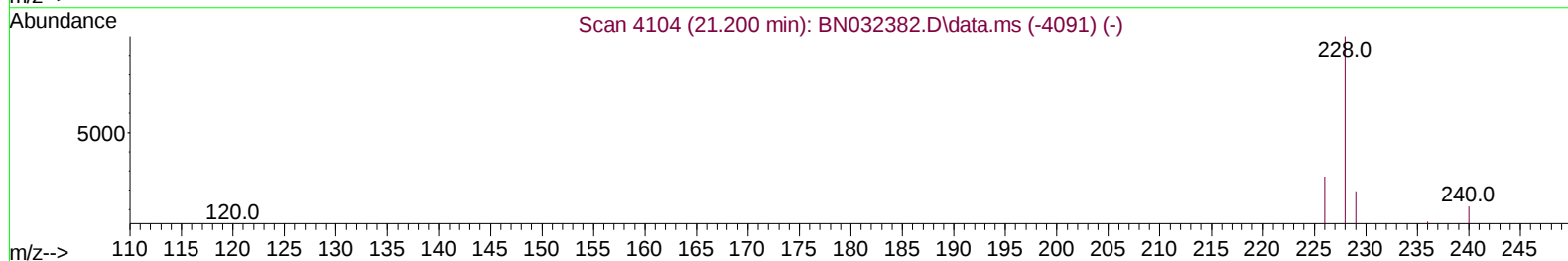
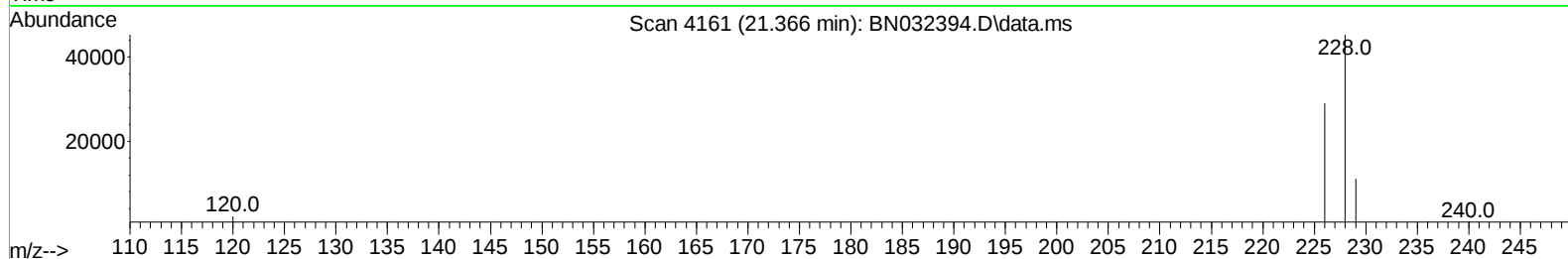
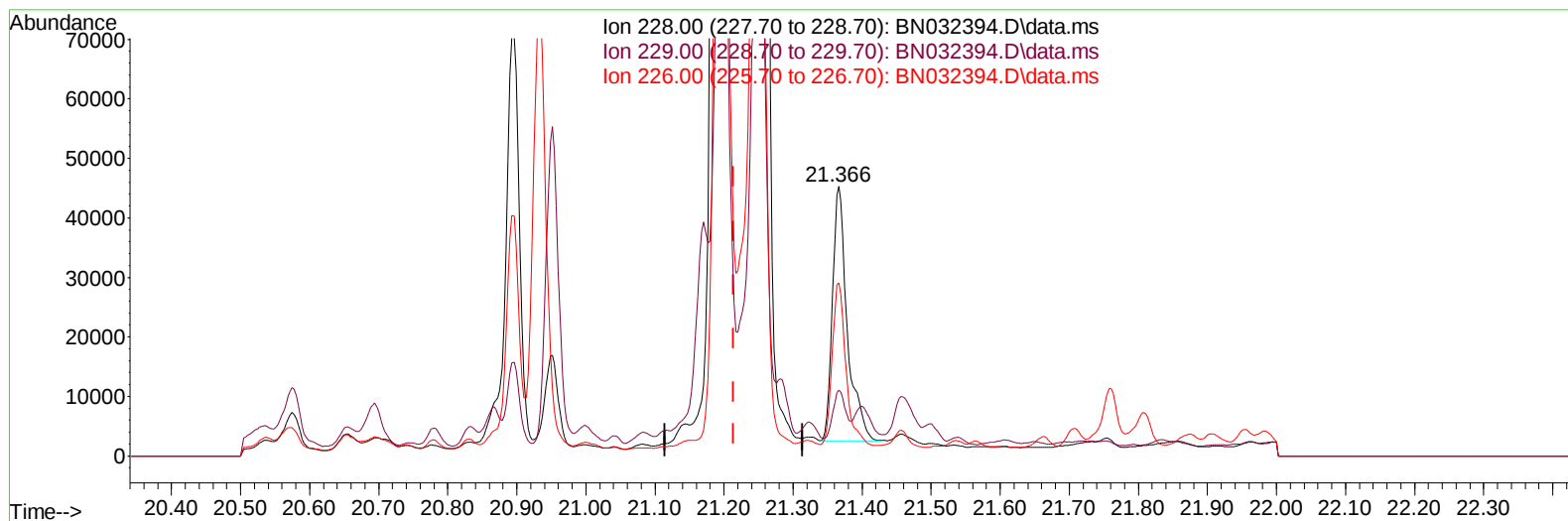
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032394.D
 Acq On : 02 Jul 2024 11:10
 Operator : MA/JU
 Sample : P2871-23
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(21) Benzo(a)anthracene

21.366min (+ 0.152) 0.90 ng/u1

response 63758

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	24.35#
226.00	27.30	64.17#
0.00	0.00	0.00

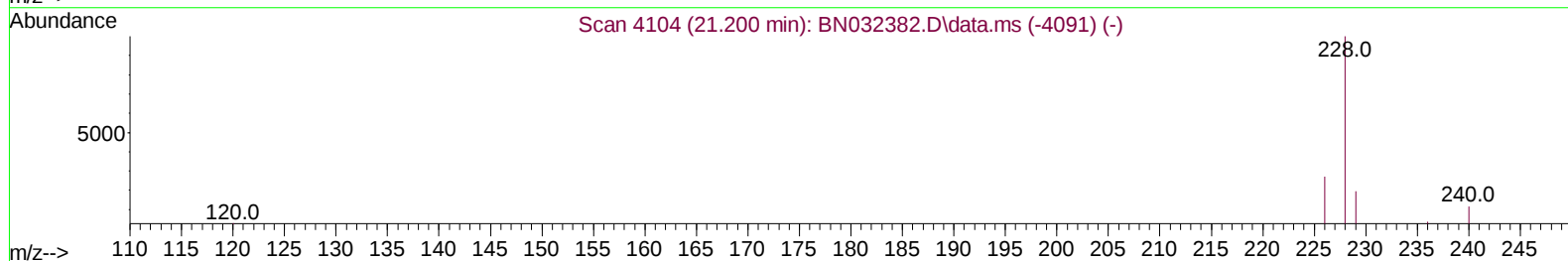
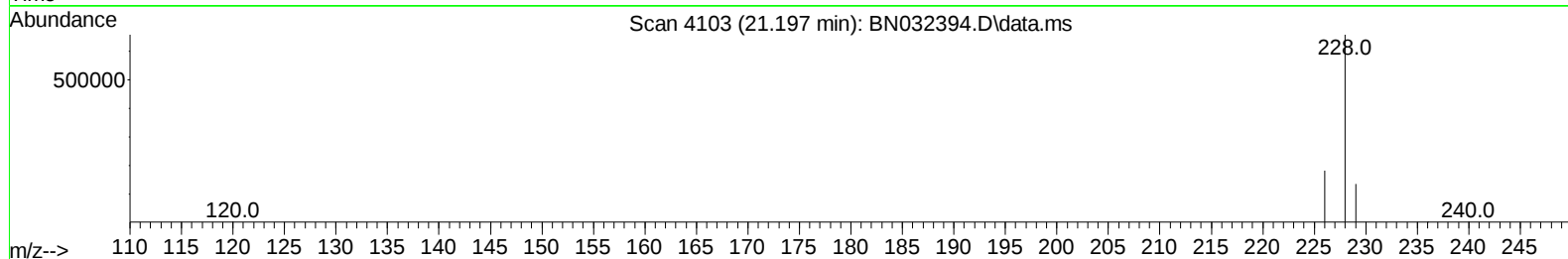
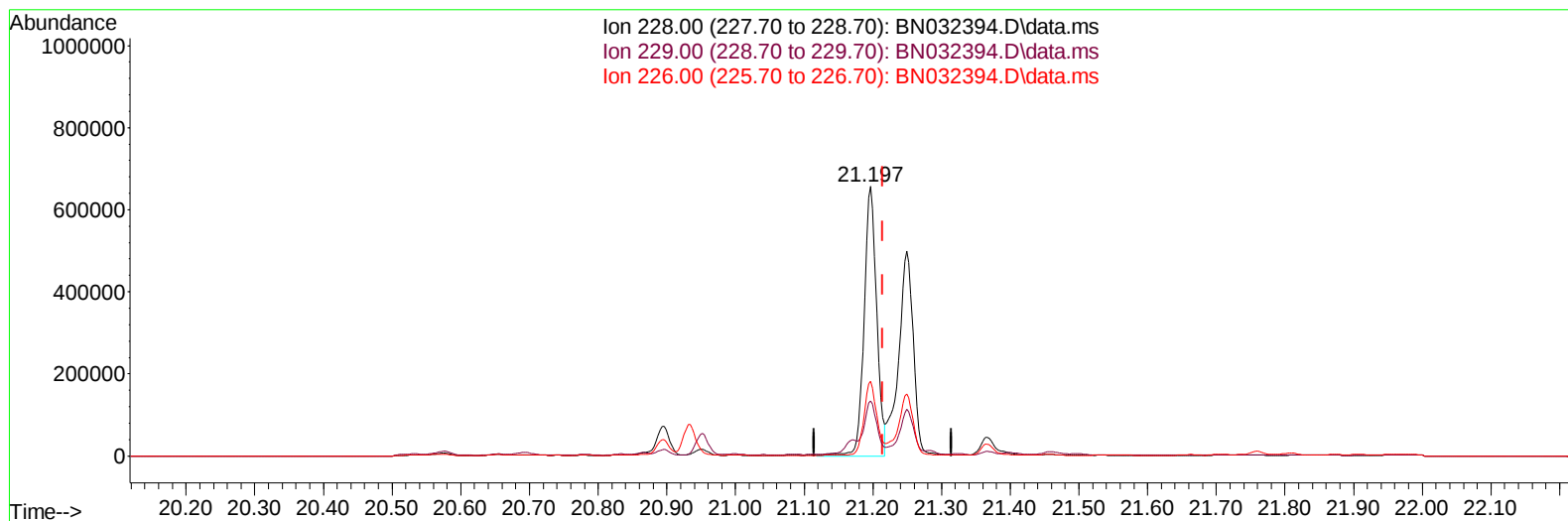
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(21) Benzo(a)anthracene

21.197min (-0.018) 11.93 ng/ul m

response 843800

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.49
226.00	27.30	27.65
0.00	0.00	0.00

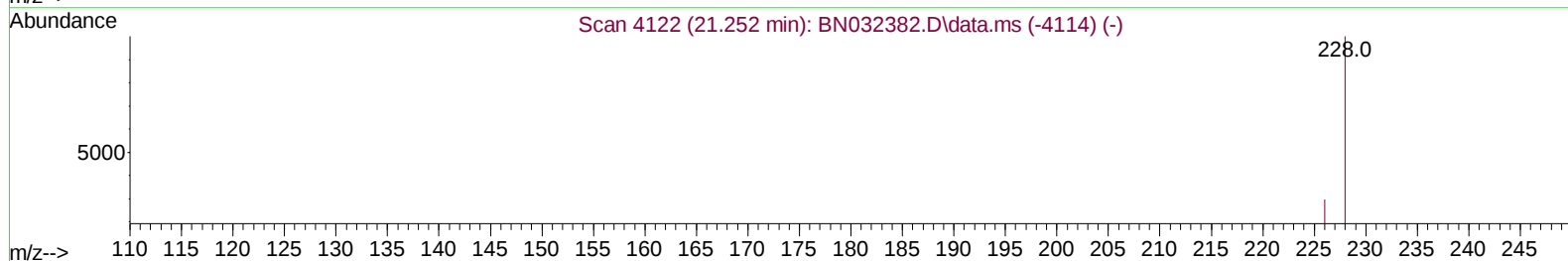
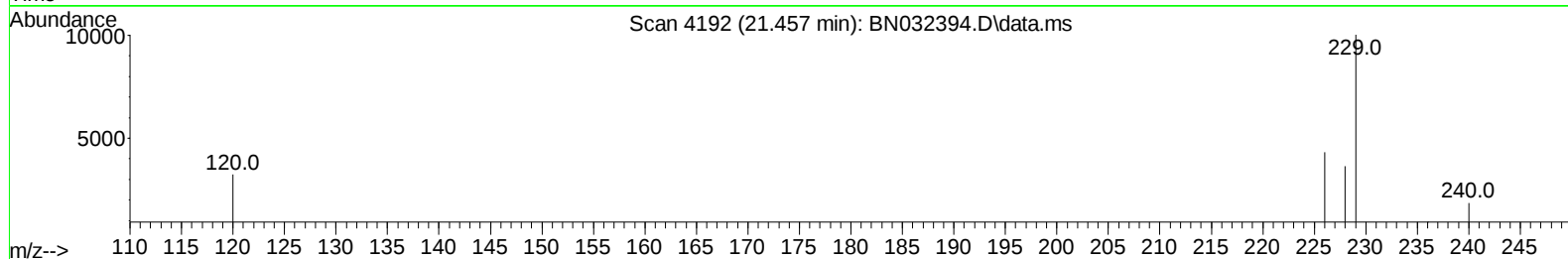
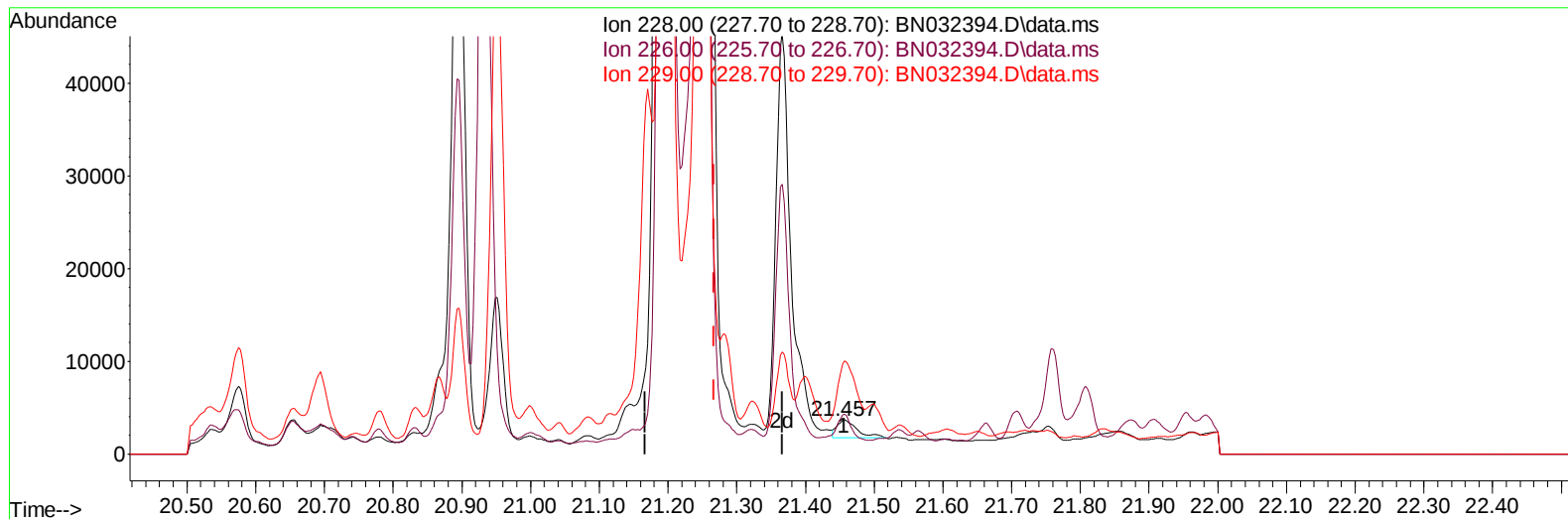
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(22) Chrysene

21.457min (+ 0.190) 0.05 ng/u1

response 3772

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	118.49#
229.00	19.60	275.18#
0.00	0.00	0.00

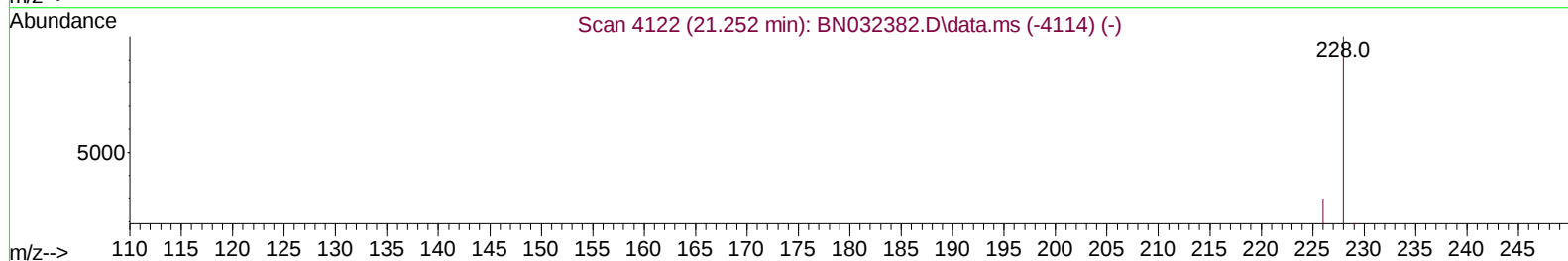
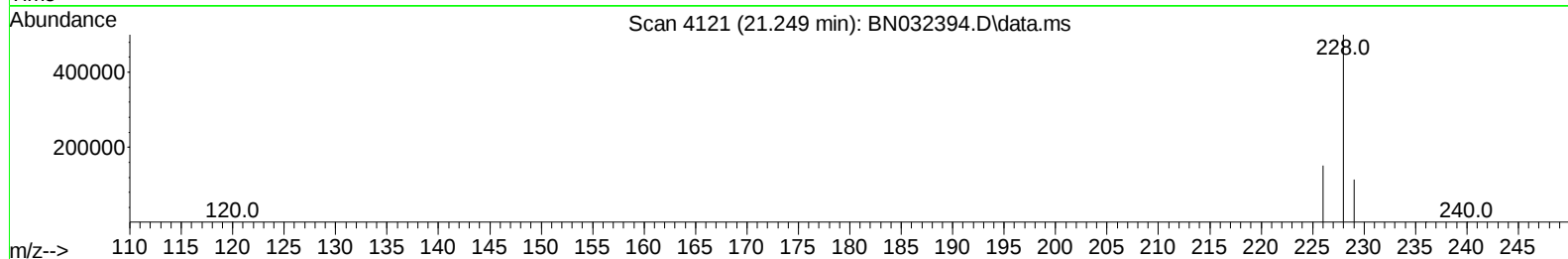
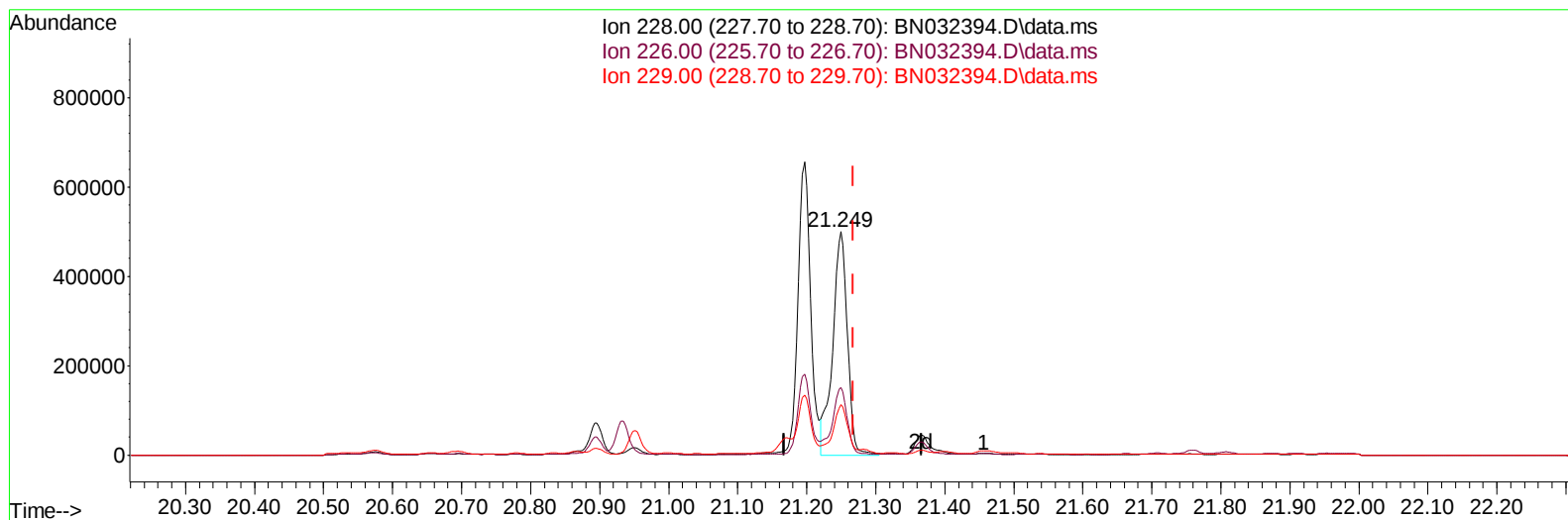
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(22) Chrysene

21.249min (-0.018) 9.51 ng/u1 m

response 738496

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.28
229.00	19.60	22.72
0.00	0.00	0.00

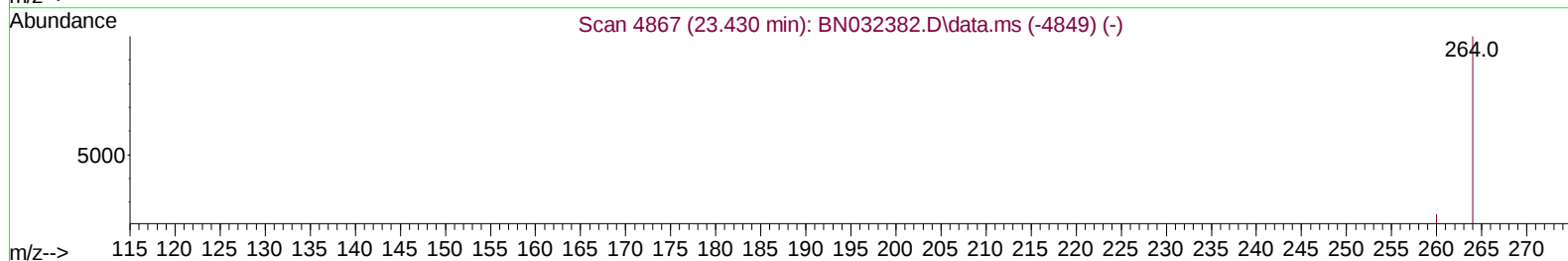
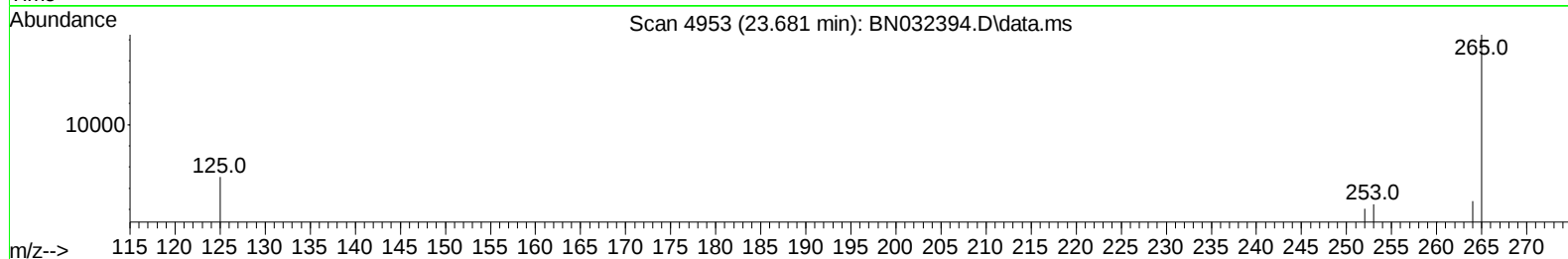
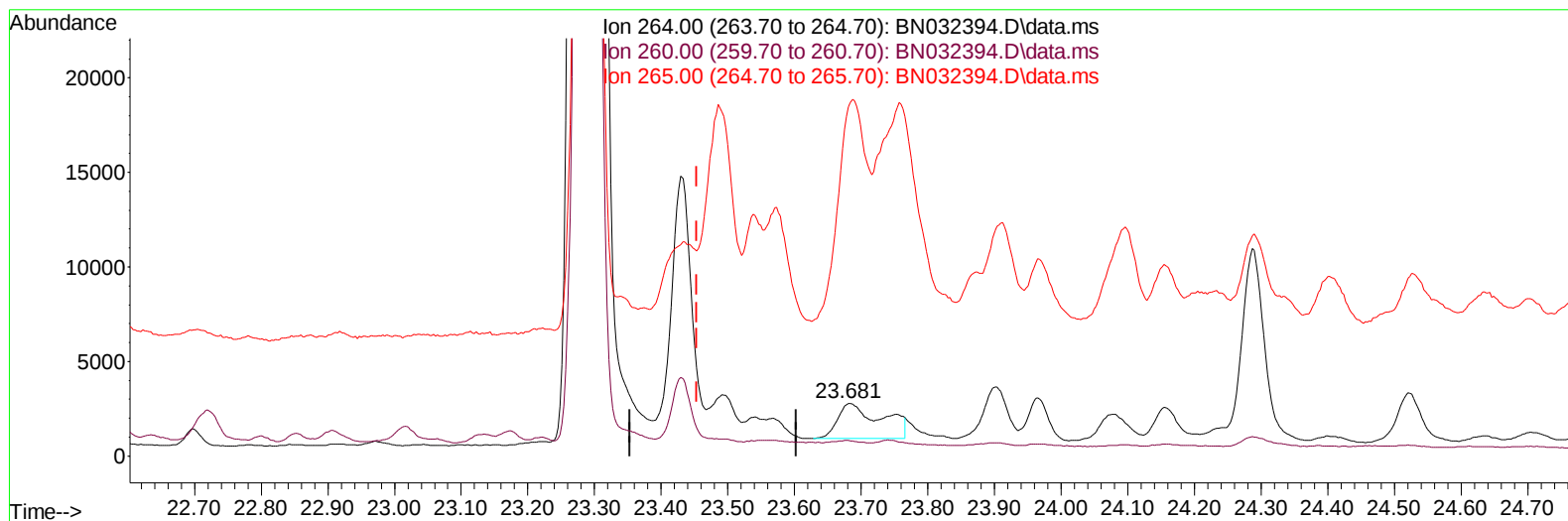
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(23) Perylene-d12 (I)

23.681min (+ 0.228) 0.40 ng/u1

response 8607

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.36
265.00	67.20	665.13#
0.00	0.00	0.00

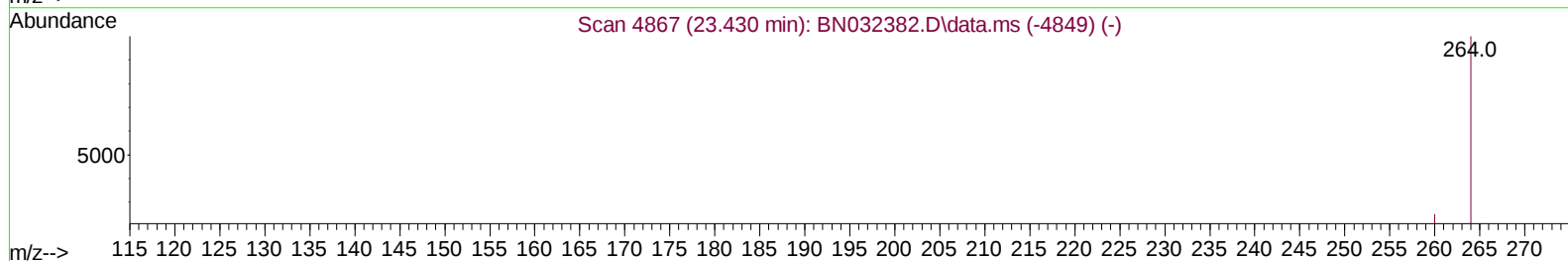
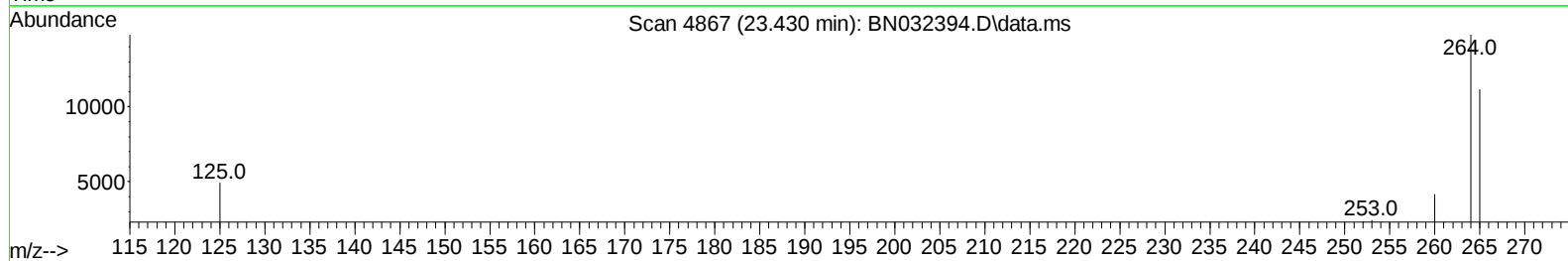
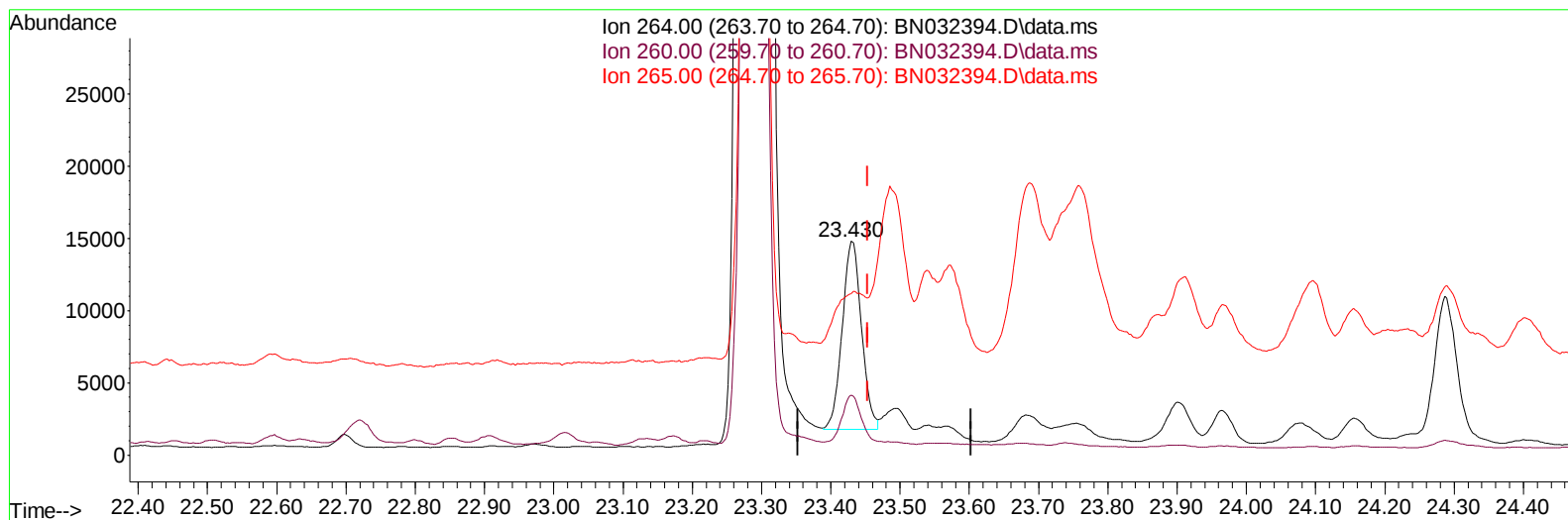
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(23) Perylene-d12 (I)

23.430min (-0.024) 0.40 ng/ul m

response 25184

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	28.16
265.00	67.20	75.42
0.00	0.00	0.00

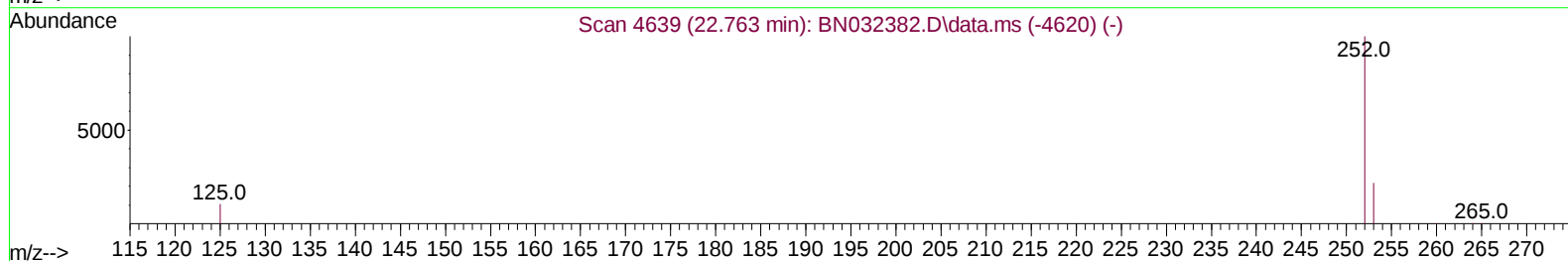
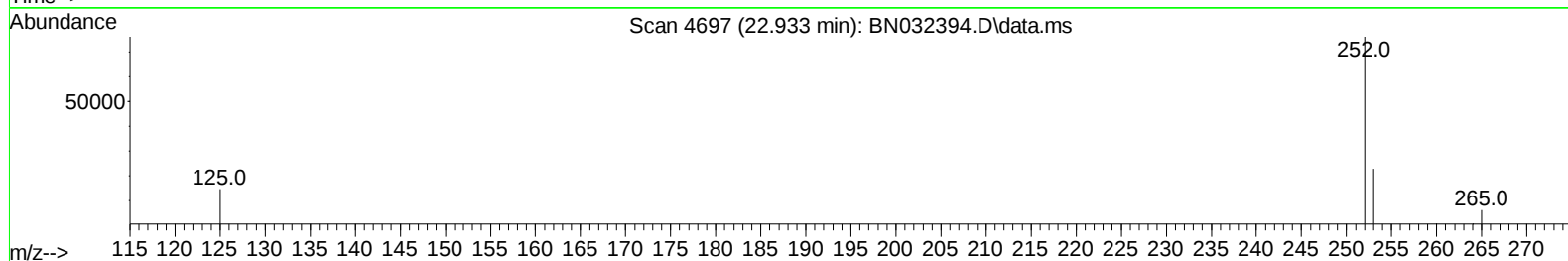
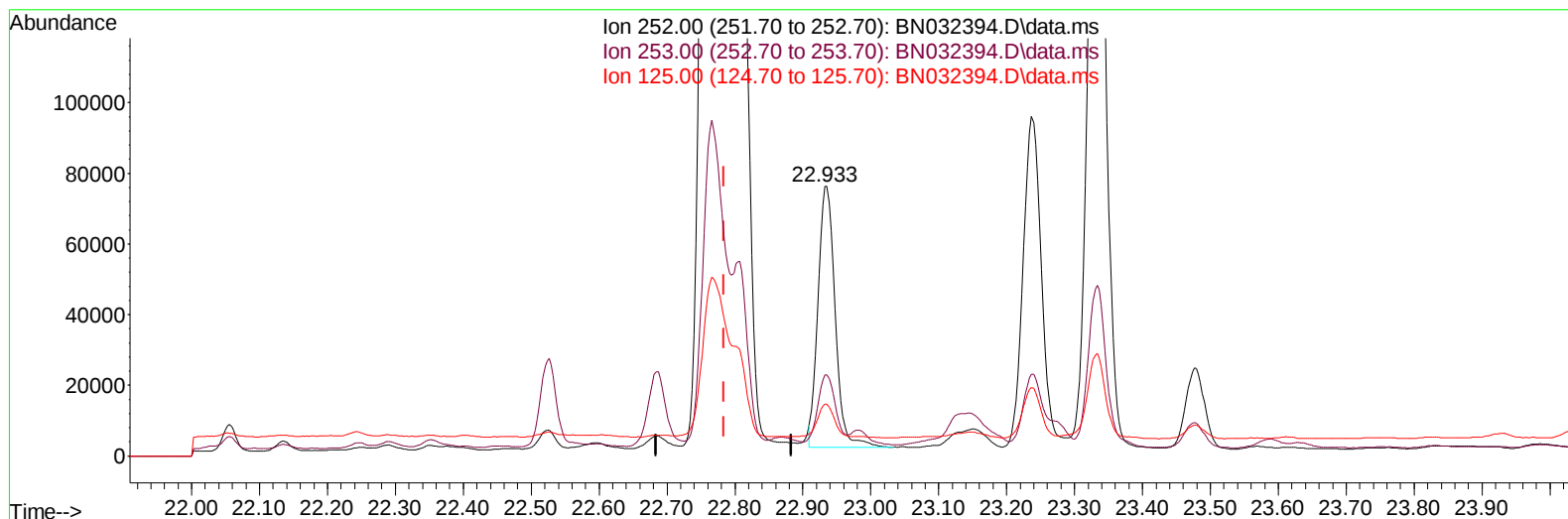
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032394.D
 Acq On : 02 Jul 2024 11:10
 Operator : MA/JU
 Sample : P2871-23
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(24) Benzo(b)fluoranthene

22.933min (+ 0.149) 1.19 ng/u1

response 129728

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	30.02
125.00	16.00	19.26
0.00	0.00	0.00

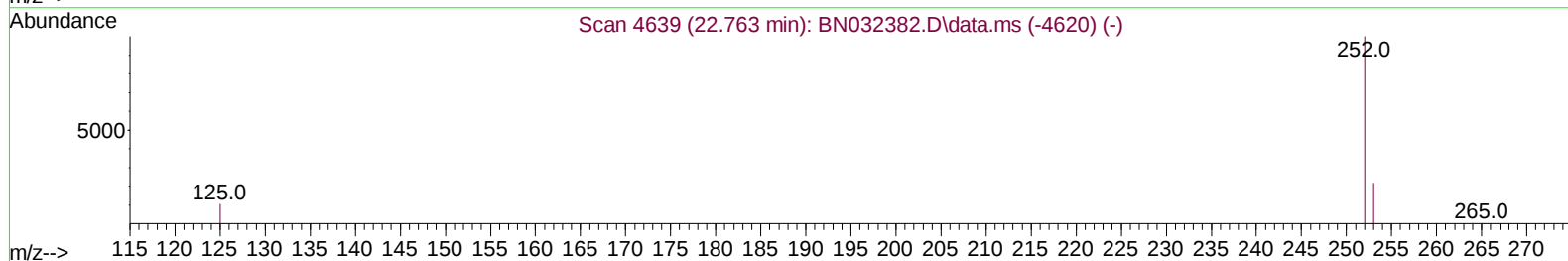
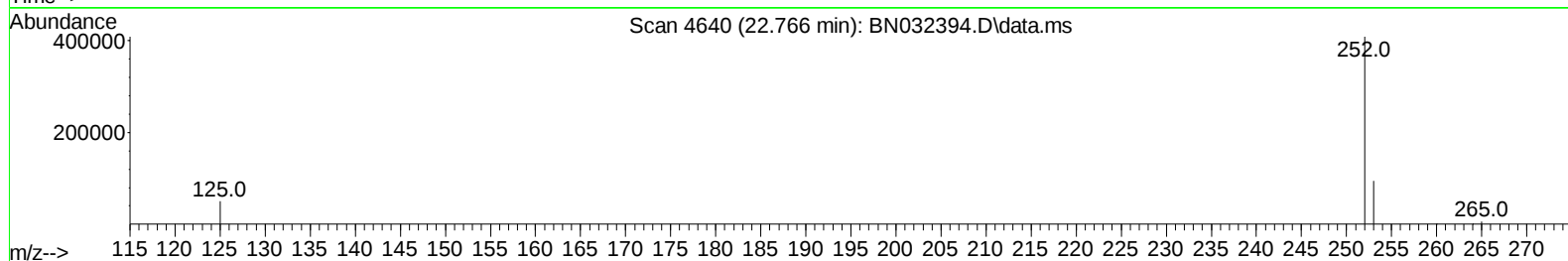
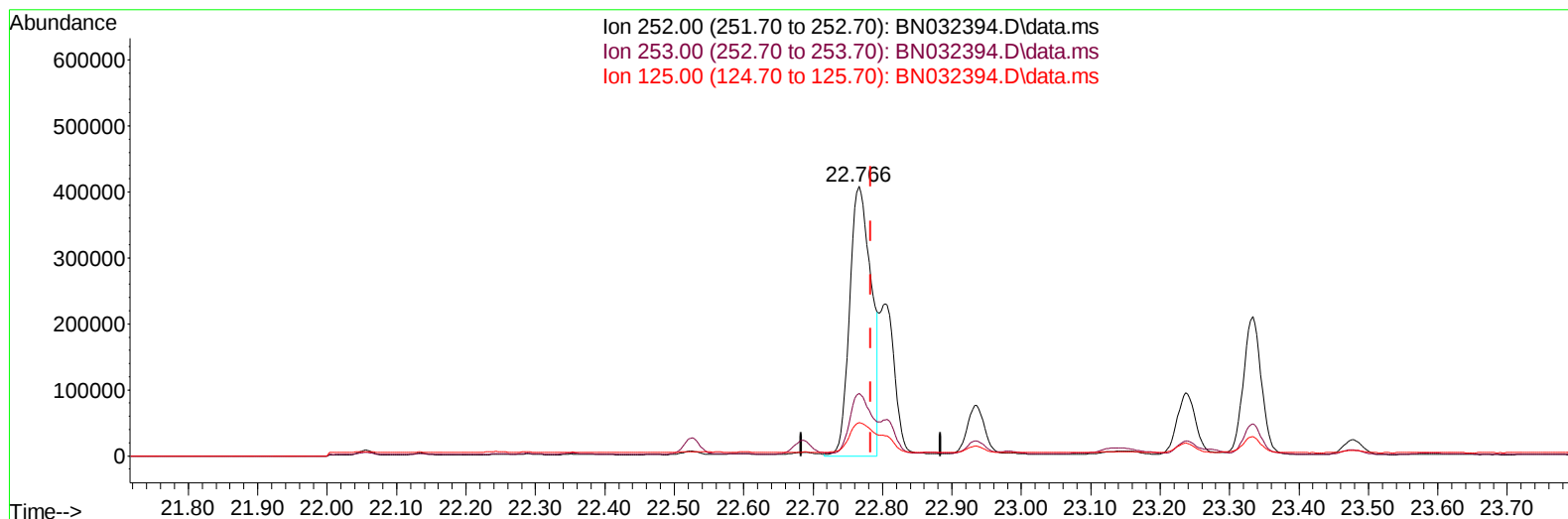
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(24) Benzo(b)fluoranthene

22.766min (-0.018) 8.13 ng/u1 m

response 889043

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.30
125.00	16.00	12.39
0.00	0.00	0.00

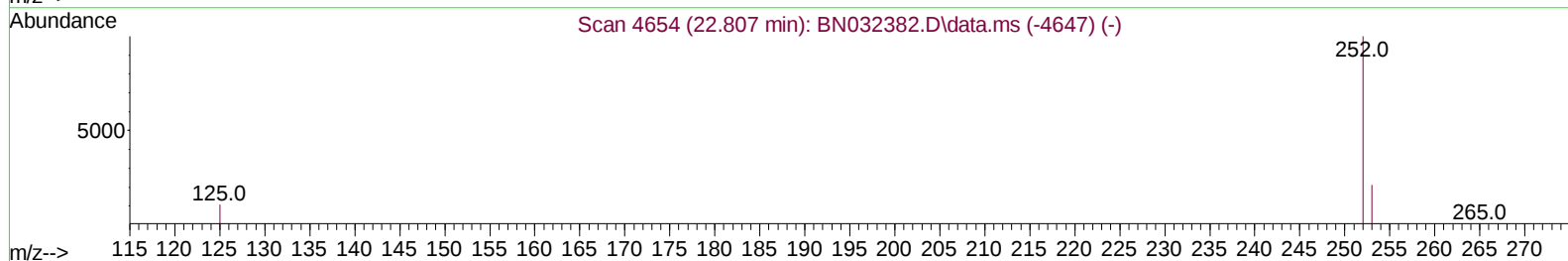
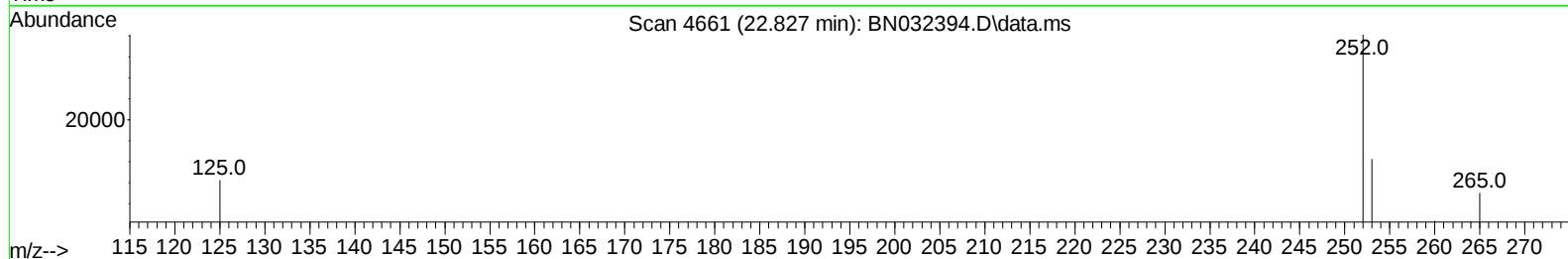
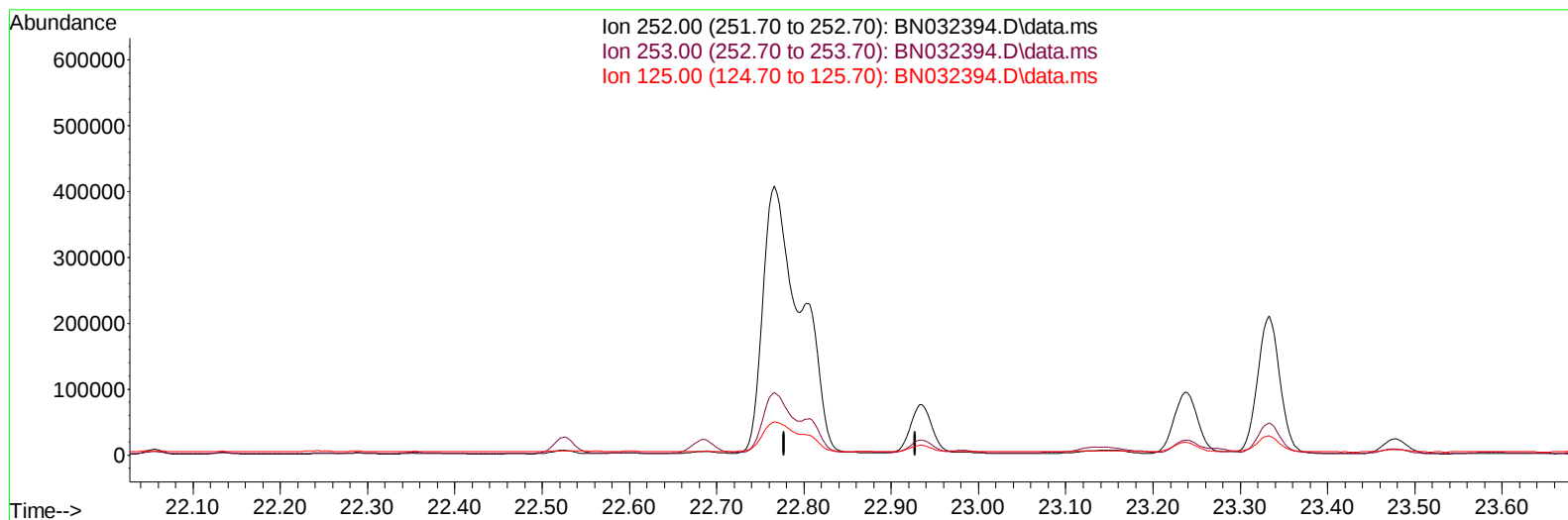
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(25) Benzo(k)fluoranthene

22.828min (-22.828) 0.00 ng/u1

response 0

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

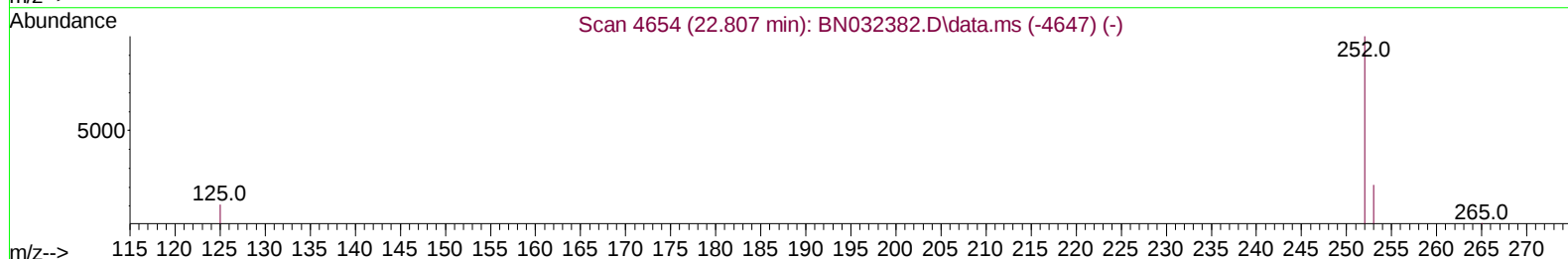
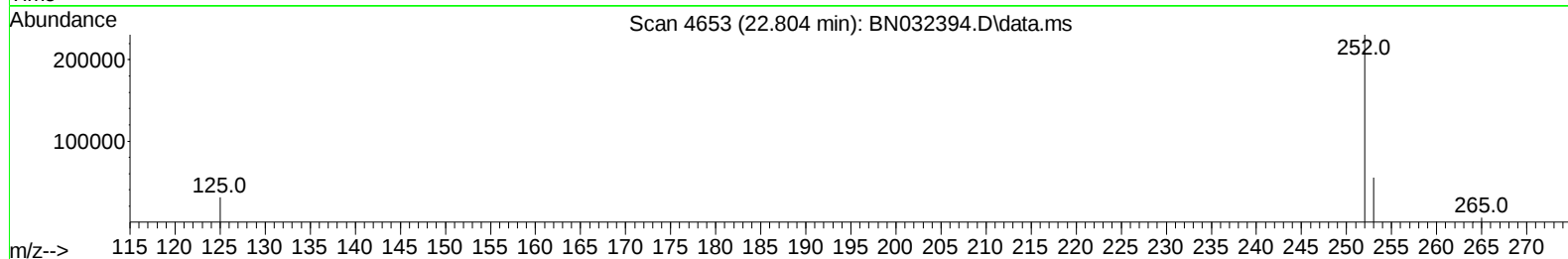
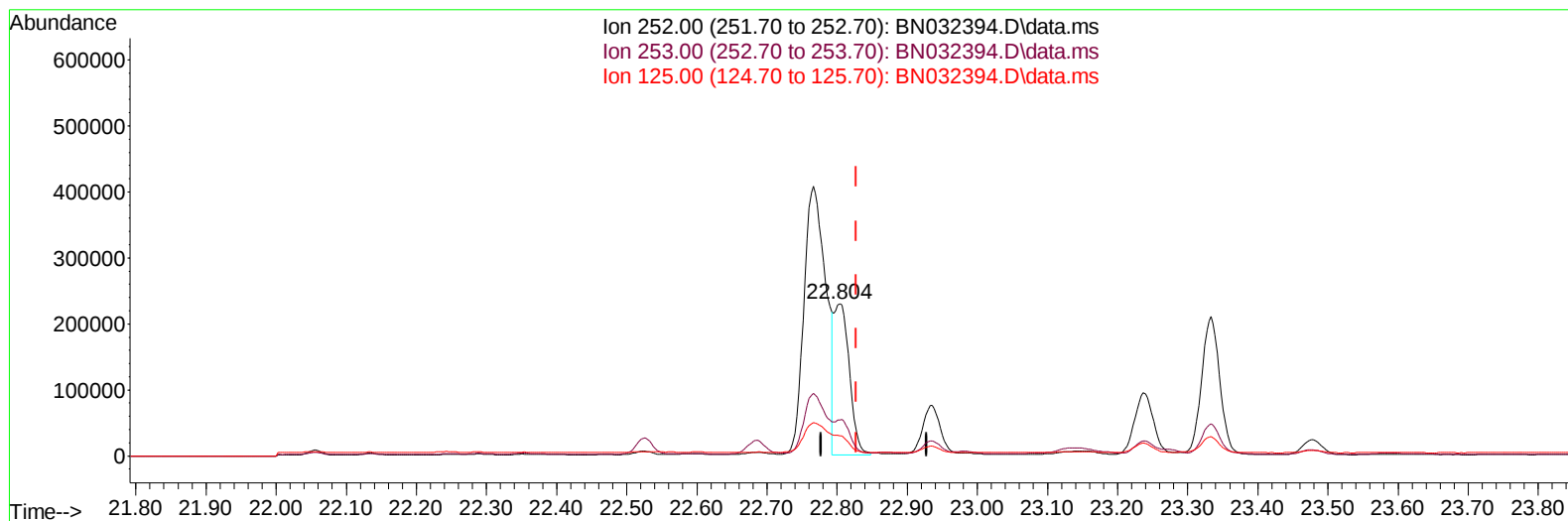
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032394.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (-0.024) 3.33 ng/u1 m

response 354093

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.81
125.00	16.00	13.31
0.00	0.00	0.00

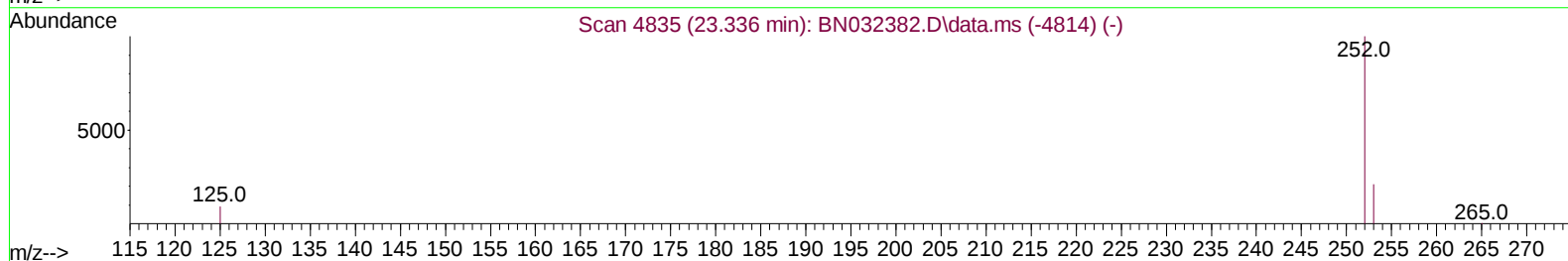
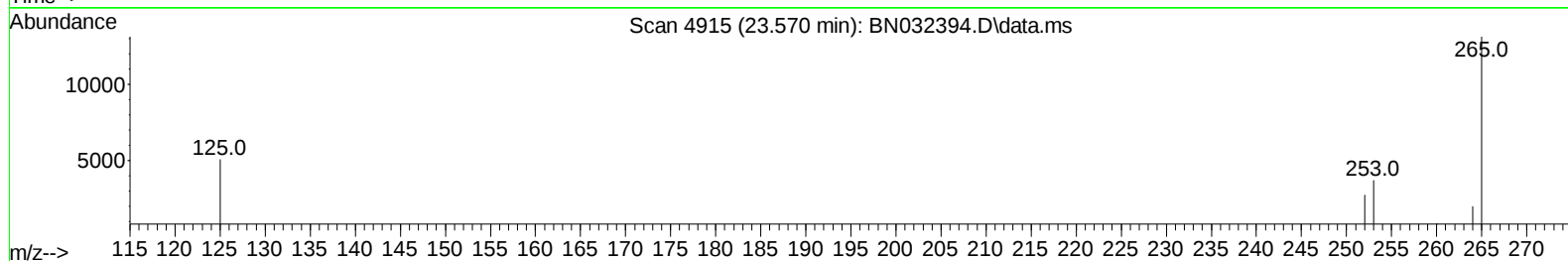
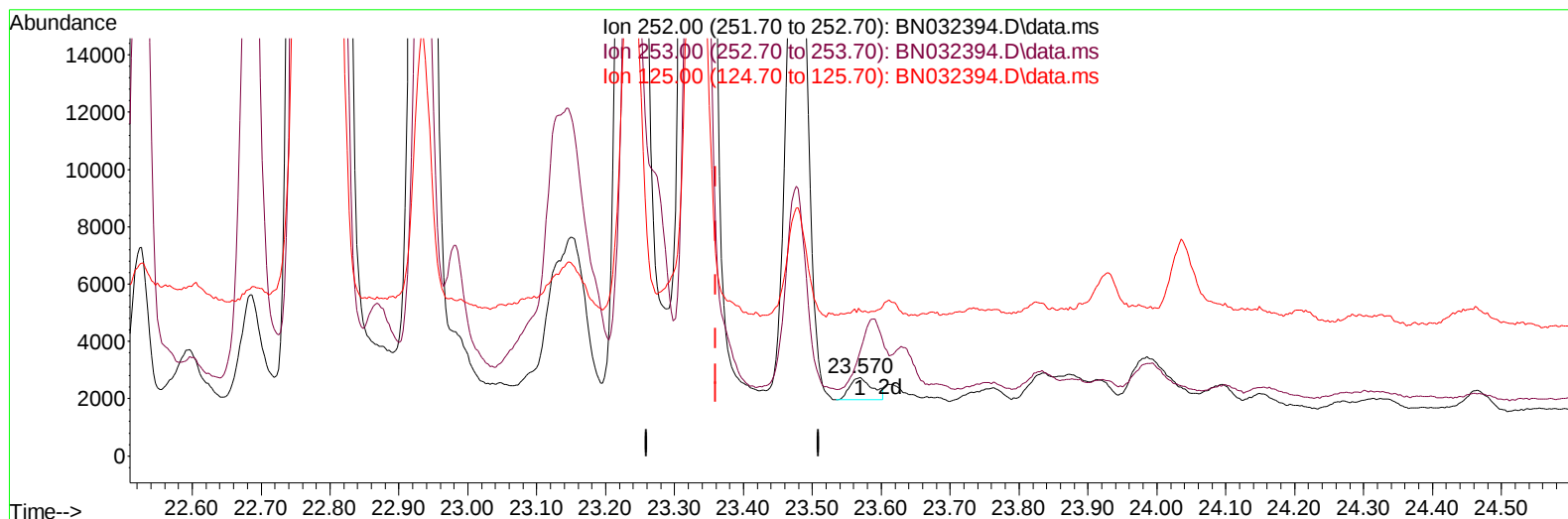
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032394.D
 Acq On : 02 Jul 2024 11:10
 Operator : MA/JU
 Sample : P2871-23
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(26) Benzo(a)pyrene (C)

23.570min (+ 0.210) 0.02 ng/u1

response 1773

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	135.05#
125.00	20.50	185.60#
0.00	0.00	0.00

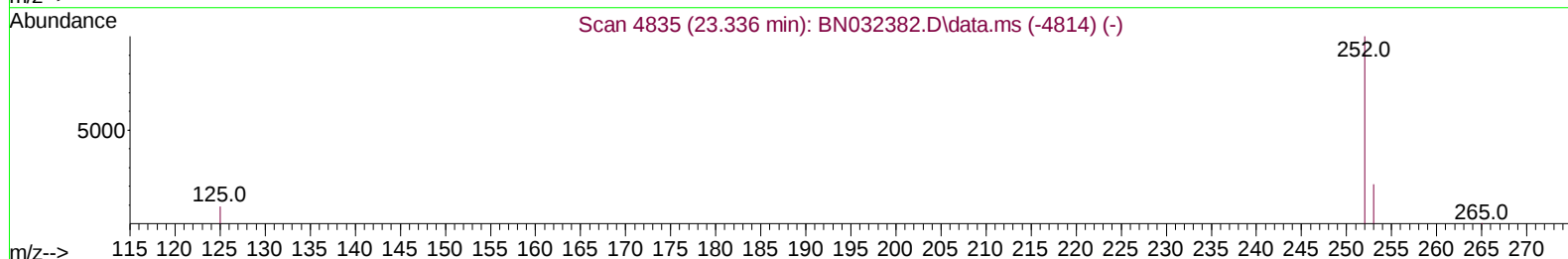
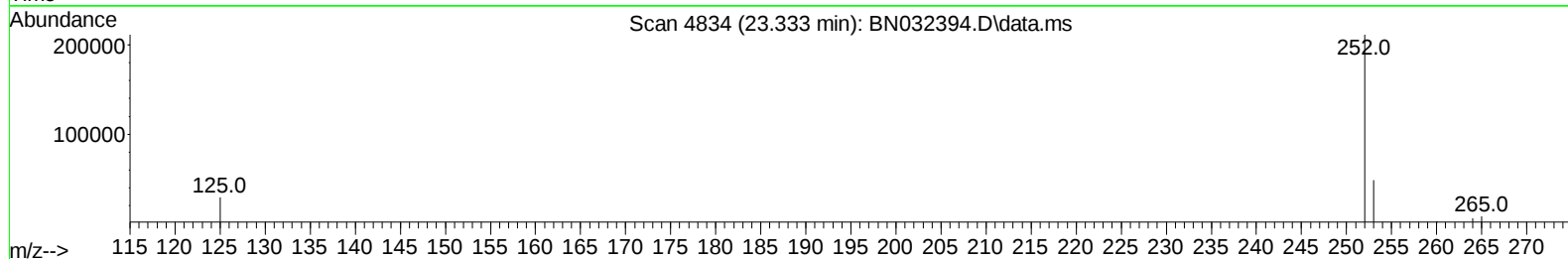
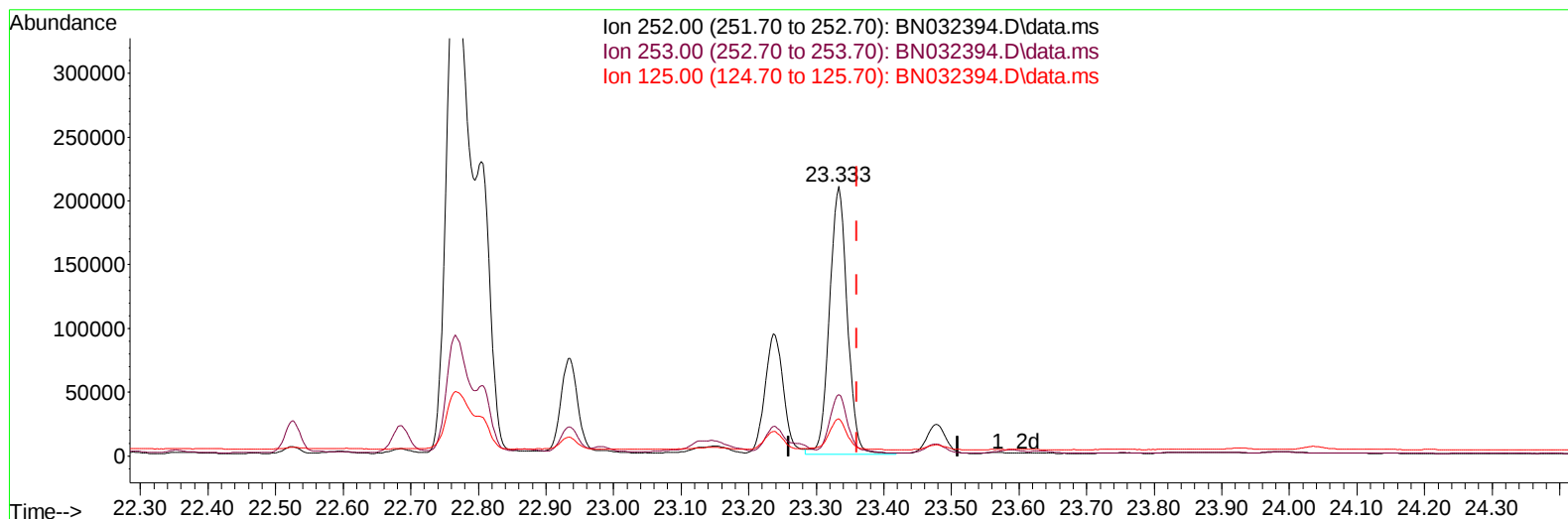
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032394.D
 Acq On : 02 Jul 2024 11:10
 Operator : MA/JU
 Sample : P2871-23
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(26) Benzo(a)pyrene (C)

23.333min (-0.026) 5.04 ng/u1 m

response 383611

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	22.87
125.00	20.50	13.78#
0.00	0.00	0.00

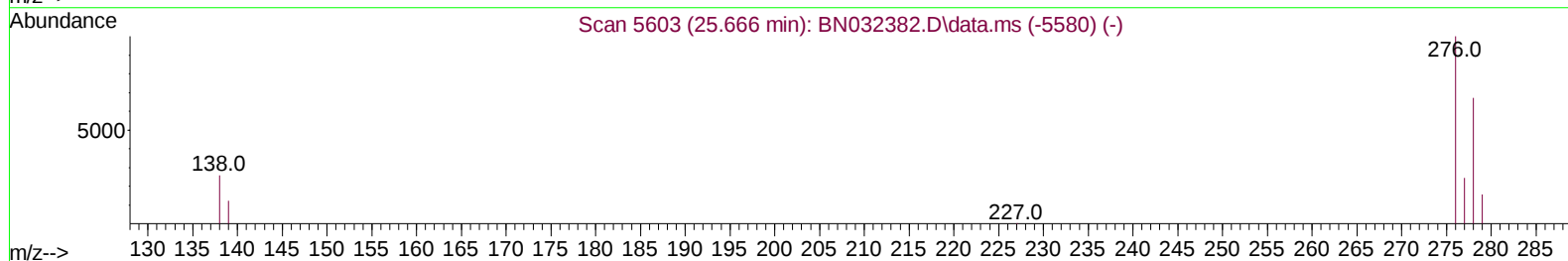
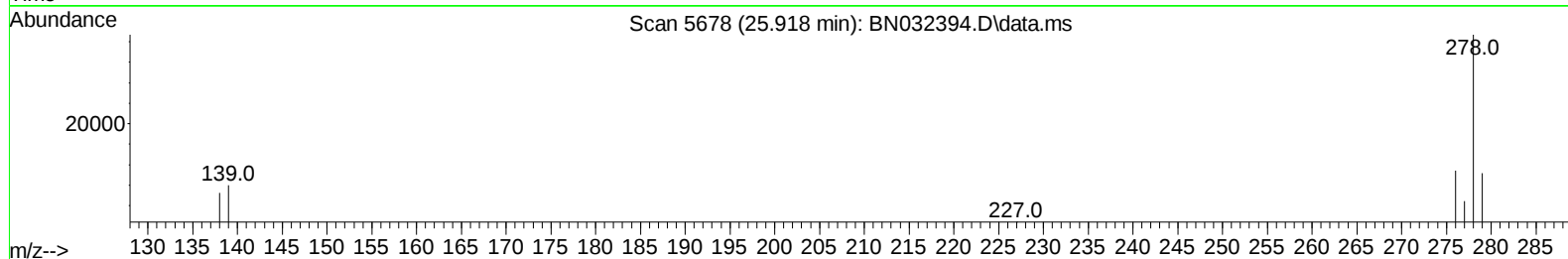
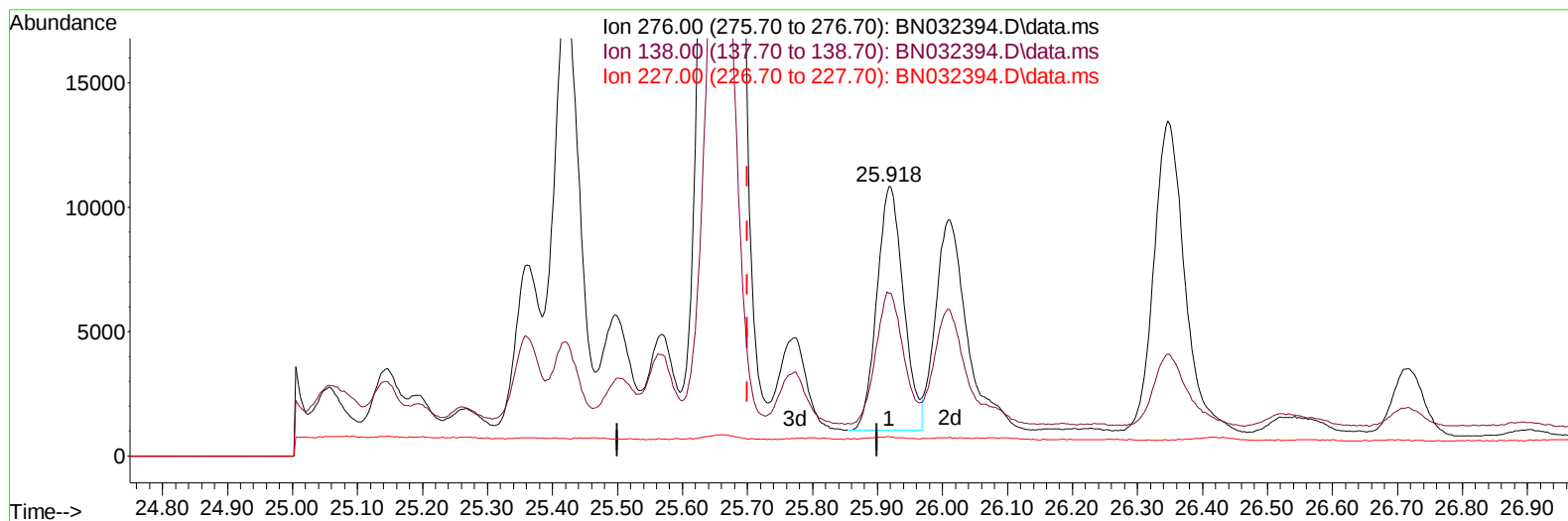
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

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

25.918min (+ 0.218) 0.23 ng/u1

response 27982

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	56.36#
227.00	0.10	1.15#
0.00	0.00	0.00

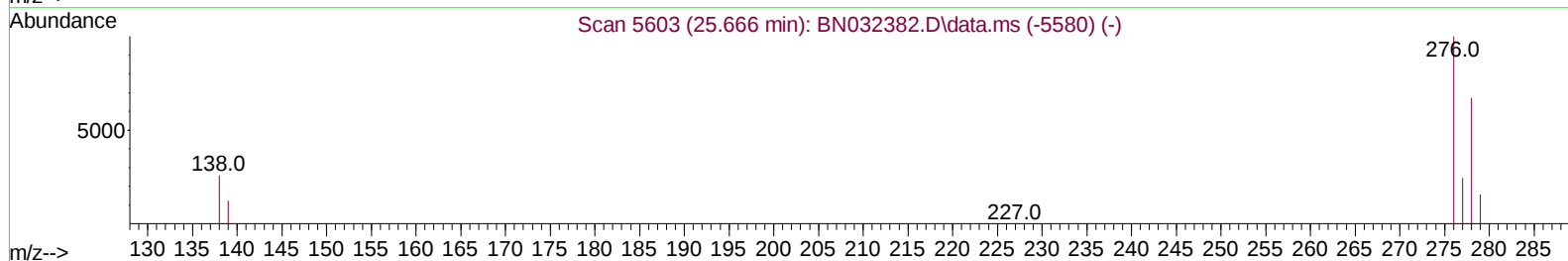
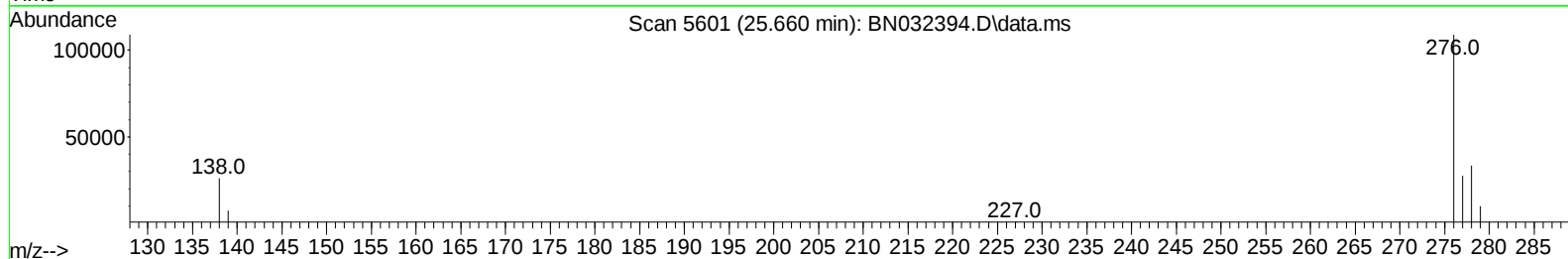
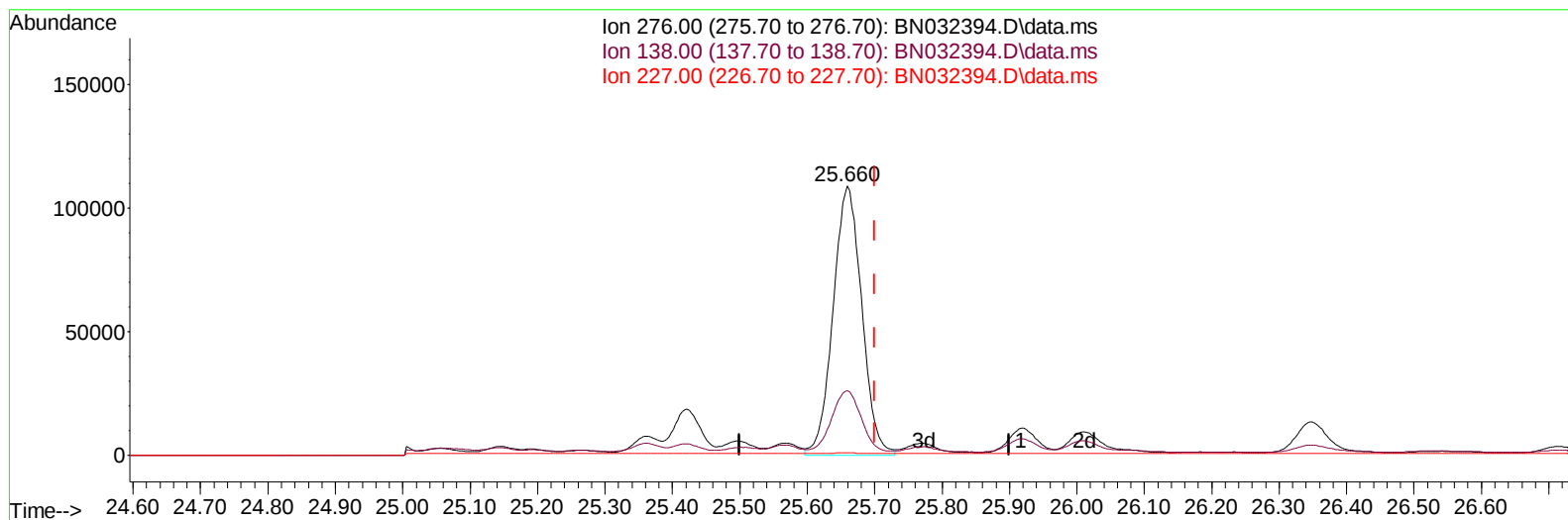
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032394.D
 Acq On : 02 Jul 2024 11:10
 Operator : MA/JU
 Sample : P2871-23
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

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

25.660min (-0.040) 2.70 ng/ul m

response 321594

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	4.90#
227.00	0.10	0.10
0.00	0.00	0.00

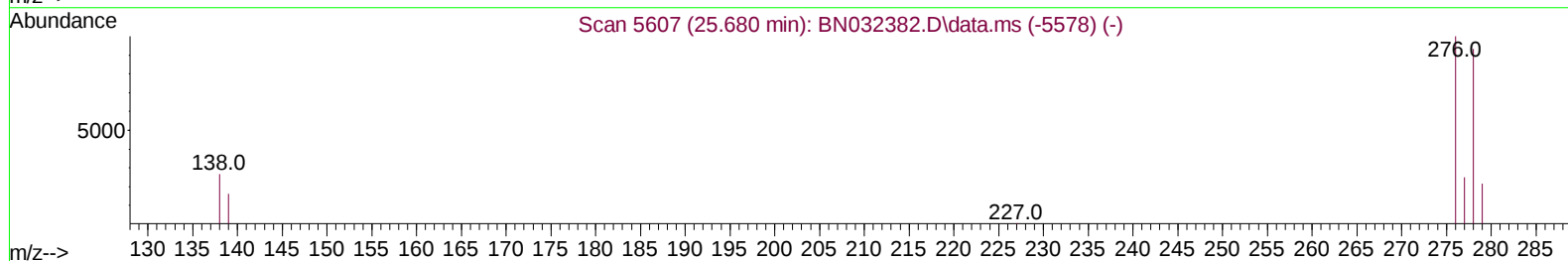
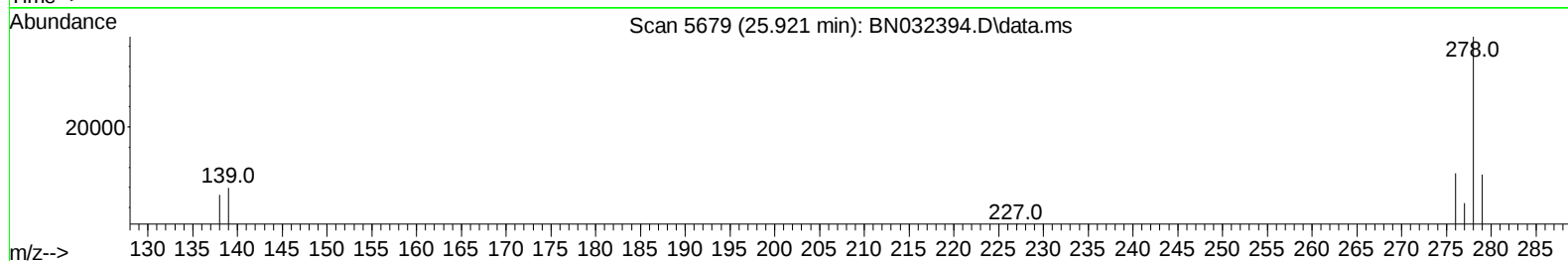
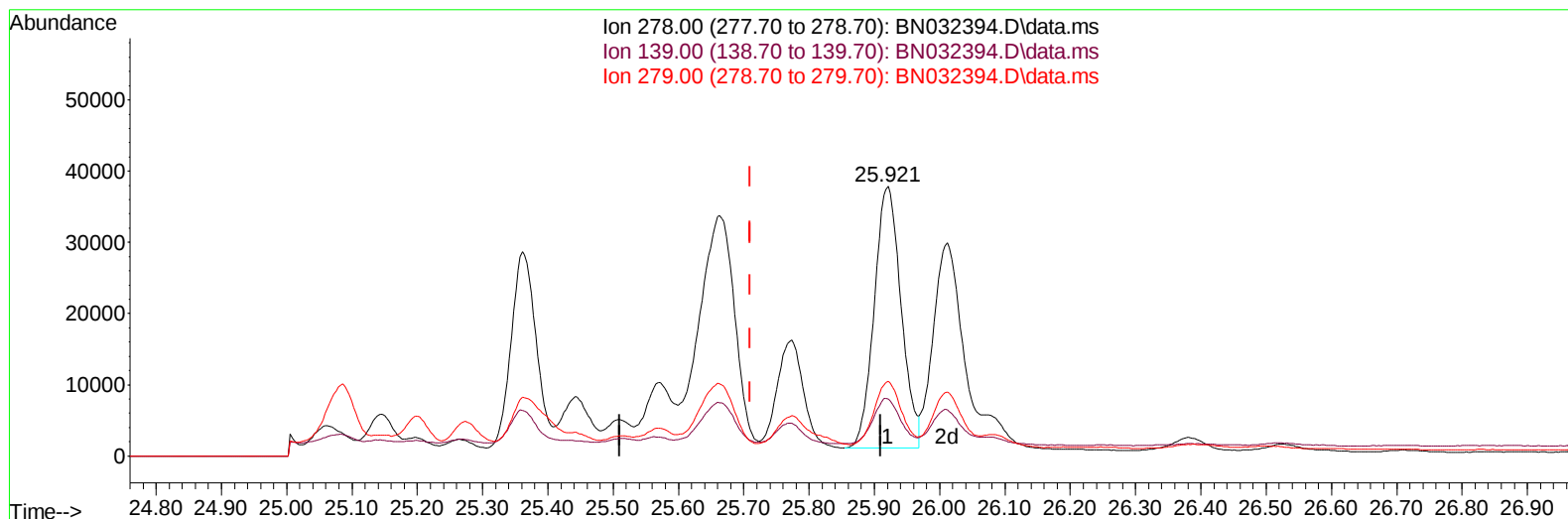
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(28) Dibenzo(a,h)anthracene

25.921min (+ 0.211) 1.19 ng/u1

response 105124

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	21.11
279.00	26.40	27.79
0.00	0.00	0.00

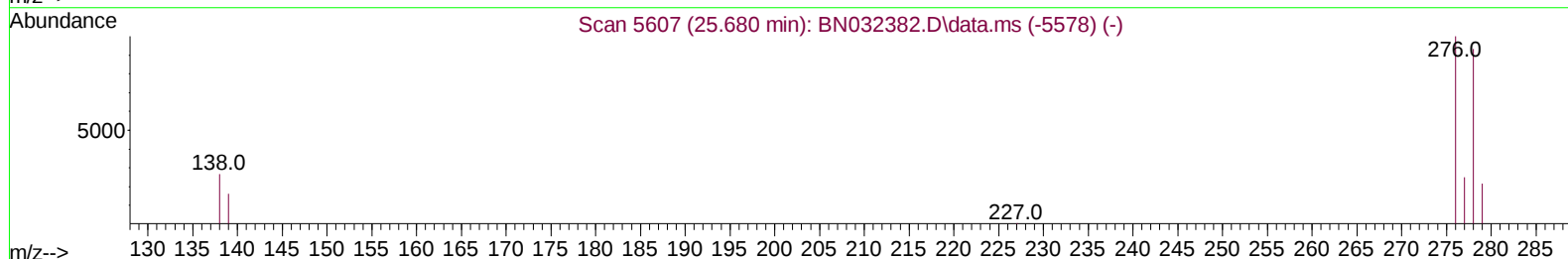
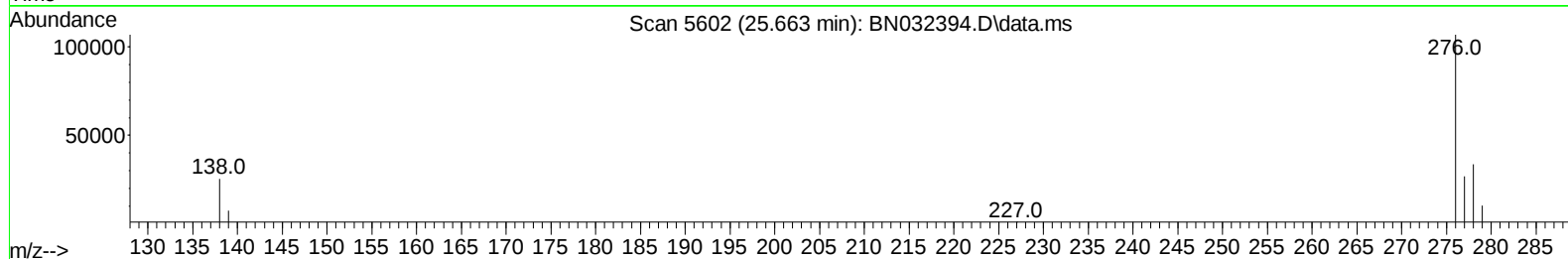
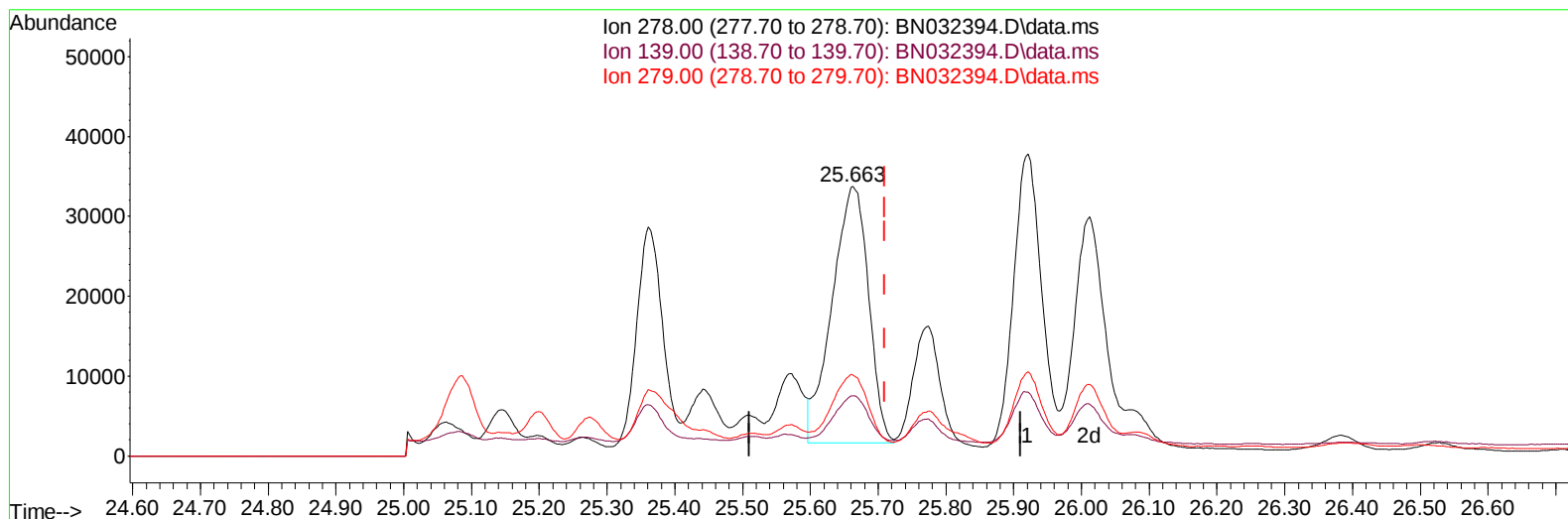
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

(28) Dibenzo(a,h)anthracene

25.663min (-0.047) 1.36 ng/u1 m

response 120177

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	22.21
279.00	26.40	30.17
0.00	0.00	0.00

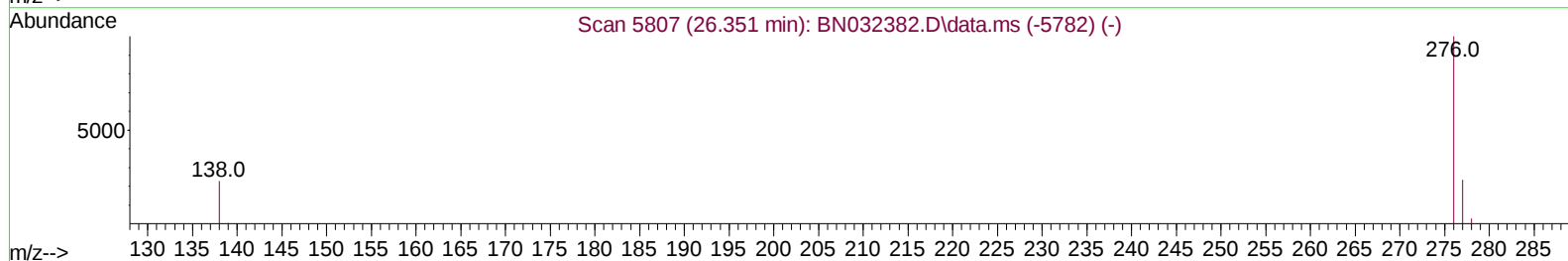
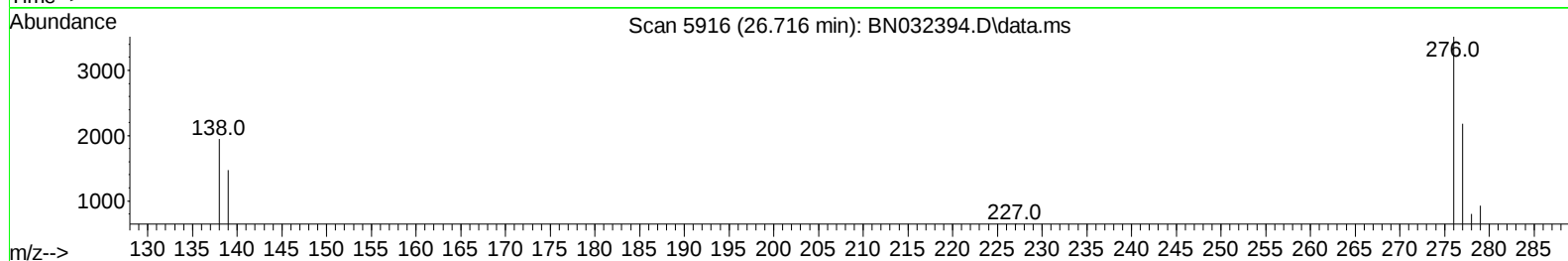
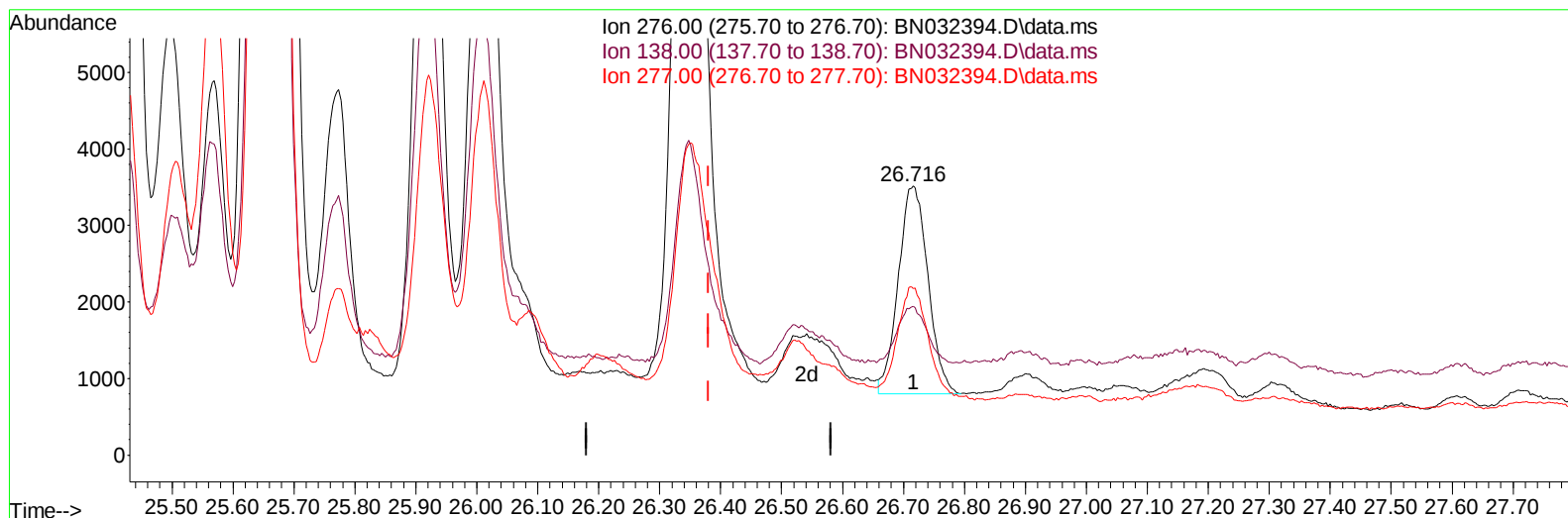
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

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

26.716min (+ 0.335) 0.10 ng/u1

response 9203

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	55.39#
277.00	24.70	61.96#
0.00	0.00	0.00

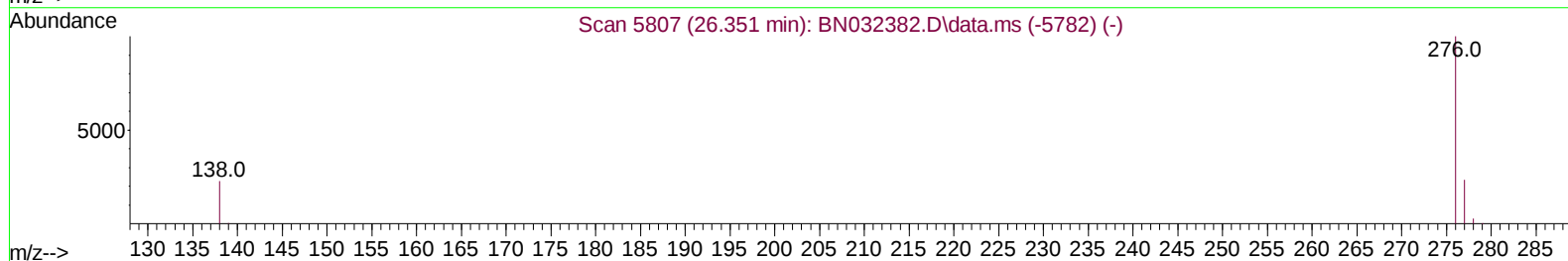
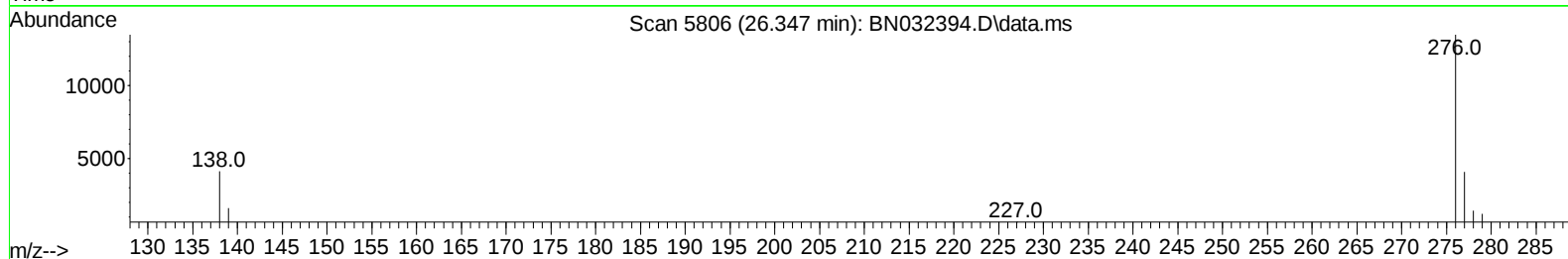
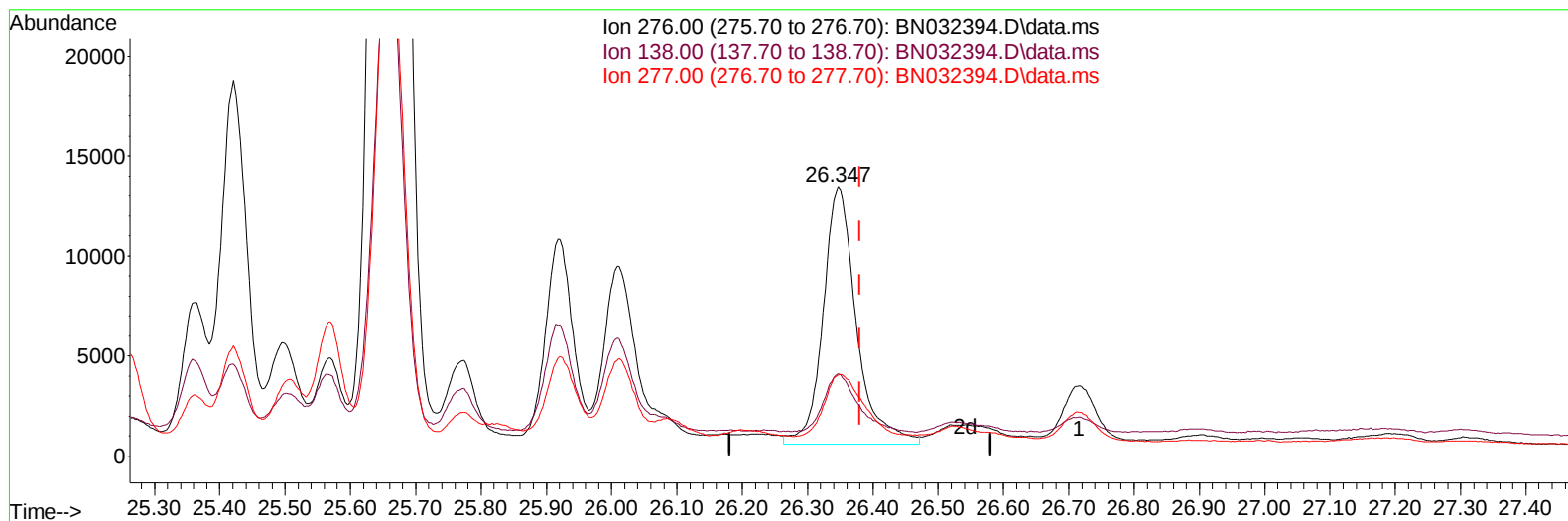
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032394.D
 Acq On : 02 Jul 2024 11:10
 Operator : MA/JU
 Sample : P2871-23
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032394.D\data.ms

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

26.347min (-0.034) 0.48 ng/u1 m

response 45931

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	30.53#
277.00	24.70	30.15#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032394.D
 Acq On : 02 Jul 2024 11:10
 Operator : MA/JU
 Sample : P2871-23
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B54

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 13:01:43 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	7757	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	22466	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	12904	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	33000m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.214	240	19598m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	25184m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	37144	4.308	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	9041	0.268	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	19577m	0.332	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.431	128	72925	1.227	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	25431	0.645	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	20790	0.509	ng/ul	99
10) Acenaphthylene	13.971	152	23833	0.444	ng/ul#	94
11) Acenaphthene	14.313	153	80943	1.943	ng/ul	98
12) Fluorene	15.308	166	116639	2.350	ng/ul	98
15) Phenanthrene	17.050	178	1559211m	17.234	ng/ul	
16) Anthracene	17.138	178	430789m	5.338	ng/ul	
19) Fluoranthene	19.073	202	1873427m	25.104	ng/ul	
20) Pyrene	19.440	202	1302856m	16.706	ng/ul	
21) Benzo(a)anthracene	21.197	228	843800m	11.929	ng/ul	
22) Chrysene	21.249	228	738496m	9.512	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	889043m	8.125	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	354093m	3.331	ng/ul	
26) Benzo(a)pyrene	23.333	252	383611m	5.039	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	321594m	2.698	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	120177m	1.357	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	45931m	0.484	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:01:43 2024
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