

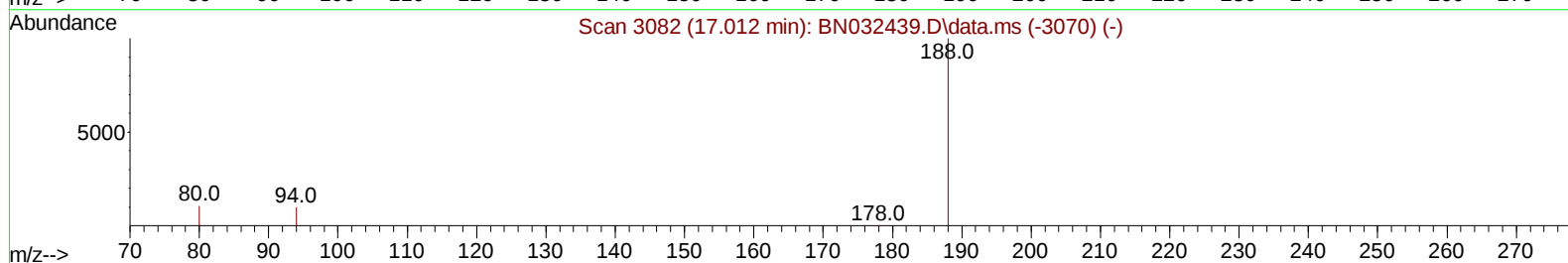
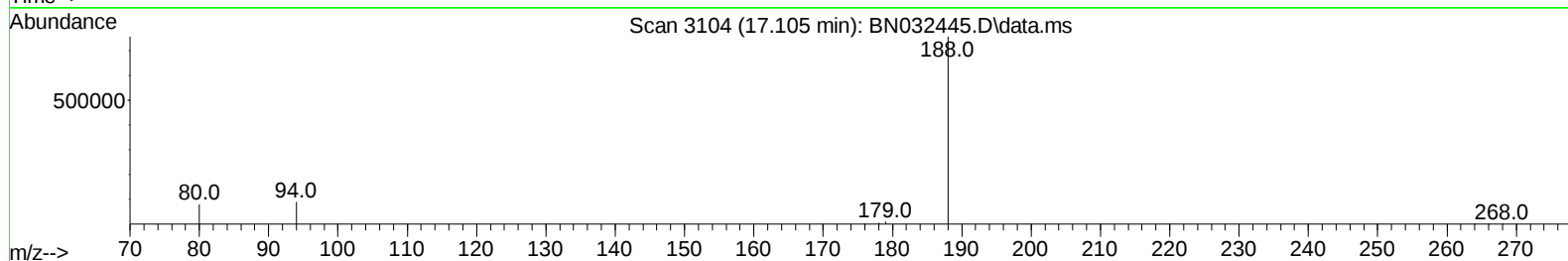
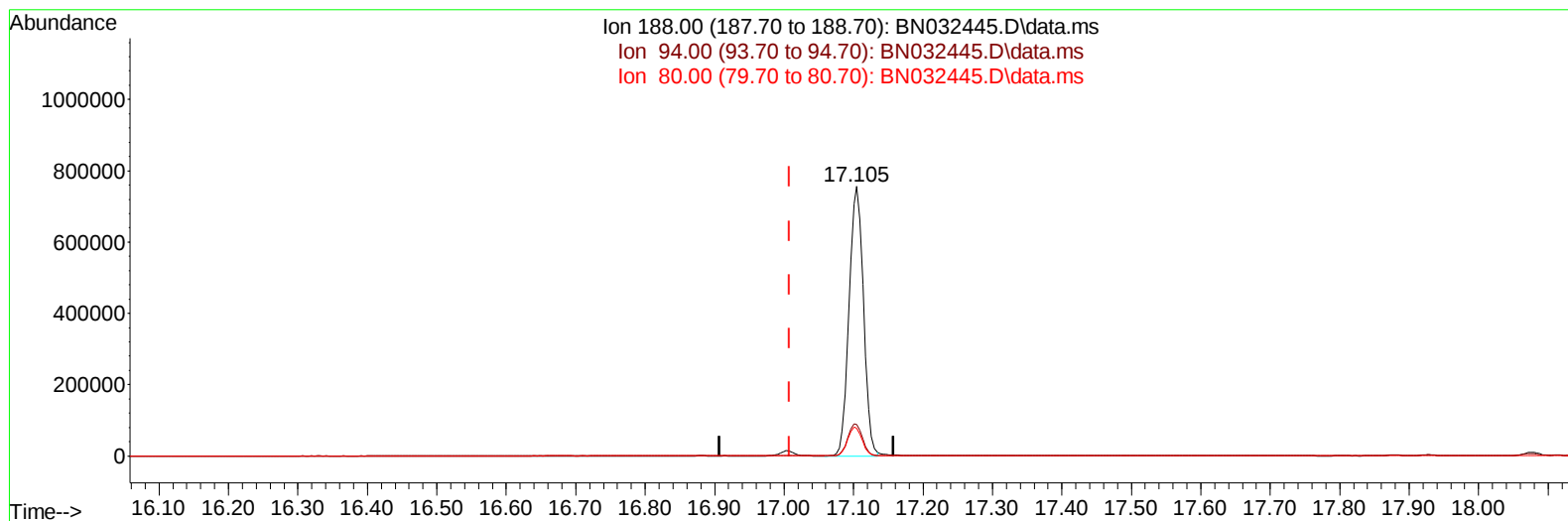
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.097) 0.40 ng/u1

response 1079967

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.81
80.00	10.50	10.40
0.00	0.00	0.00

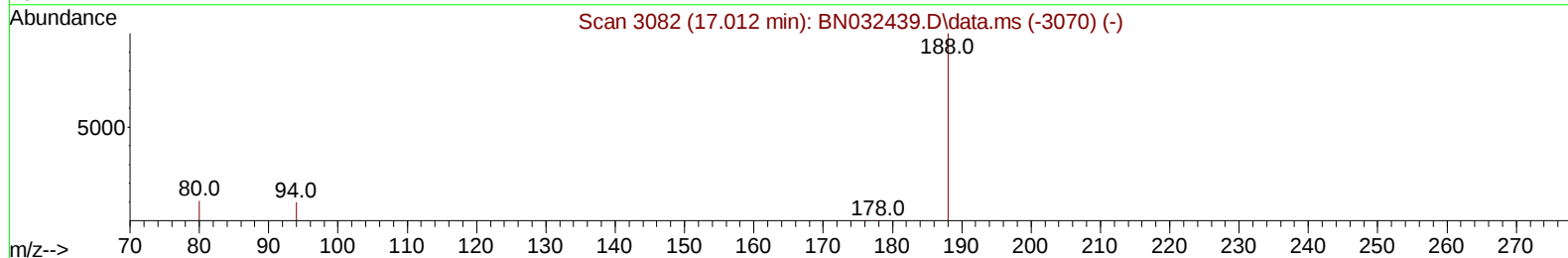
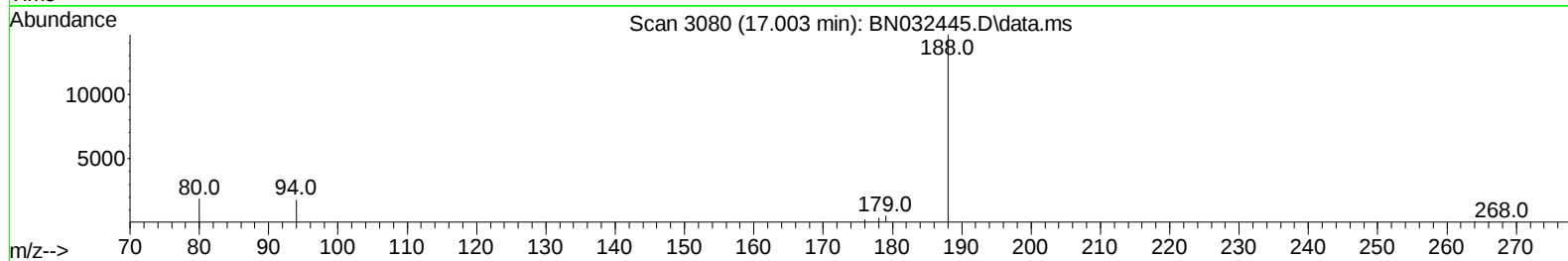
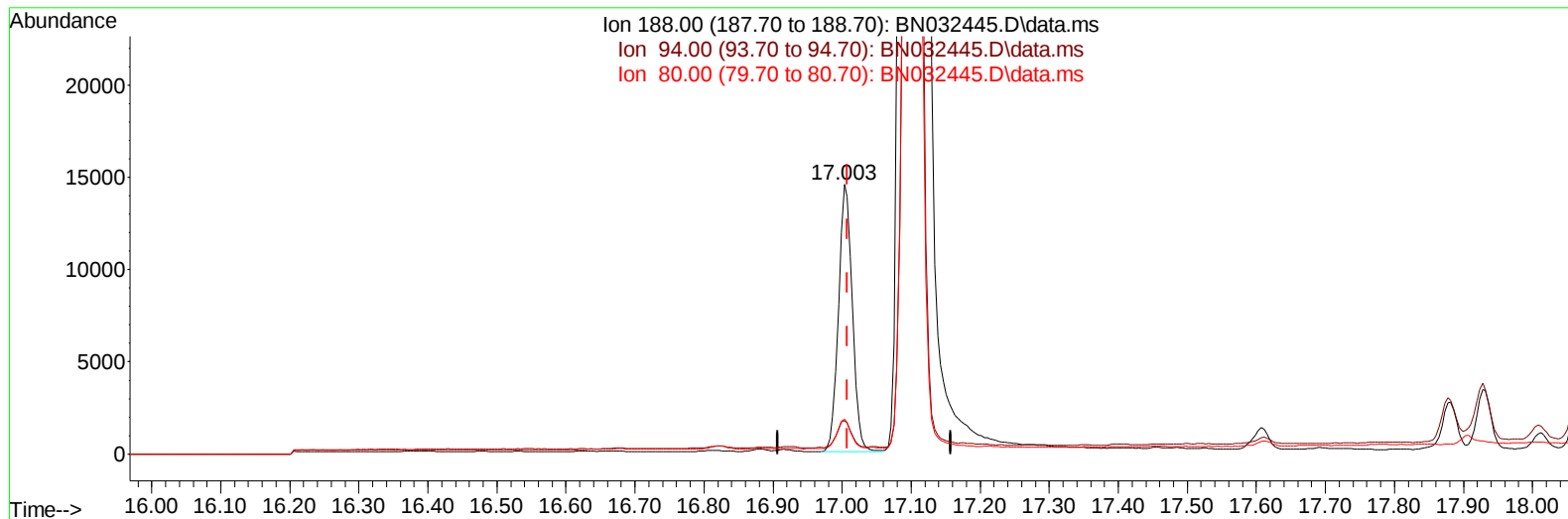
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(13) Phenanthrene-d10 (I)

17.003min (-0.004) 0.40 ng/ul m

response 20118

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.44#
80.00	10.50	12.92#
0.00	0.00	0.00

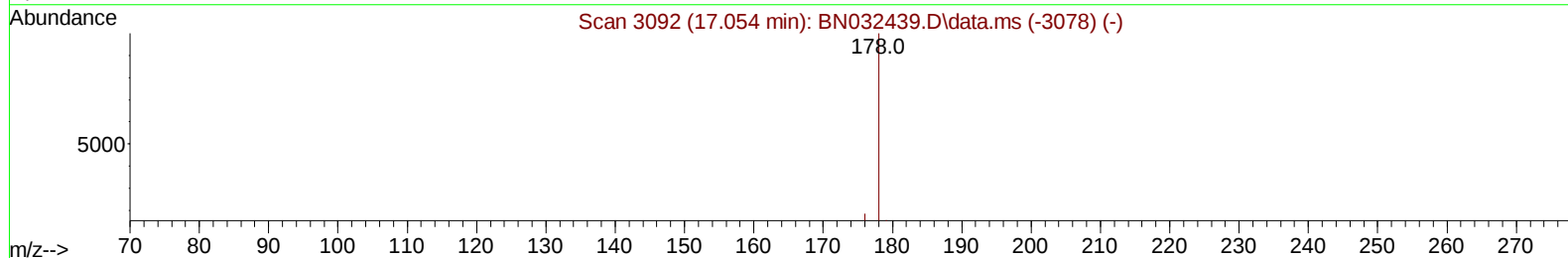
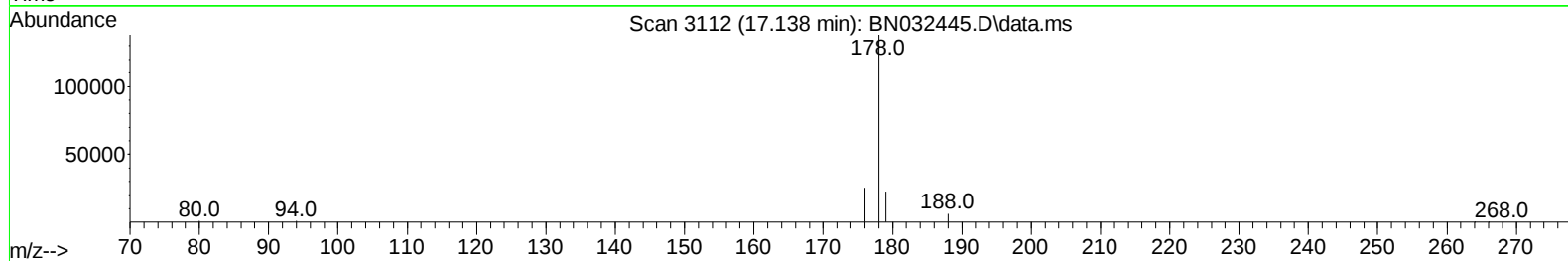
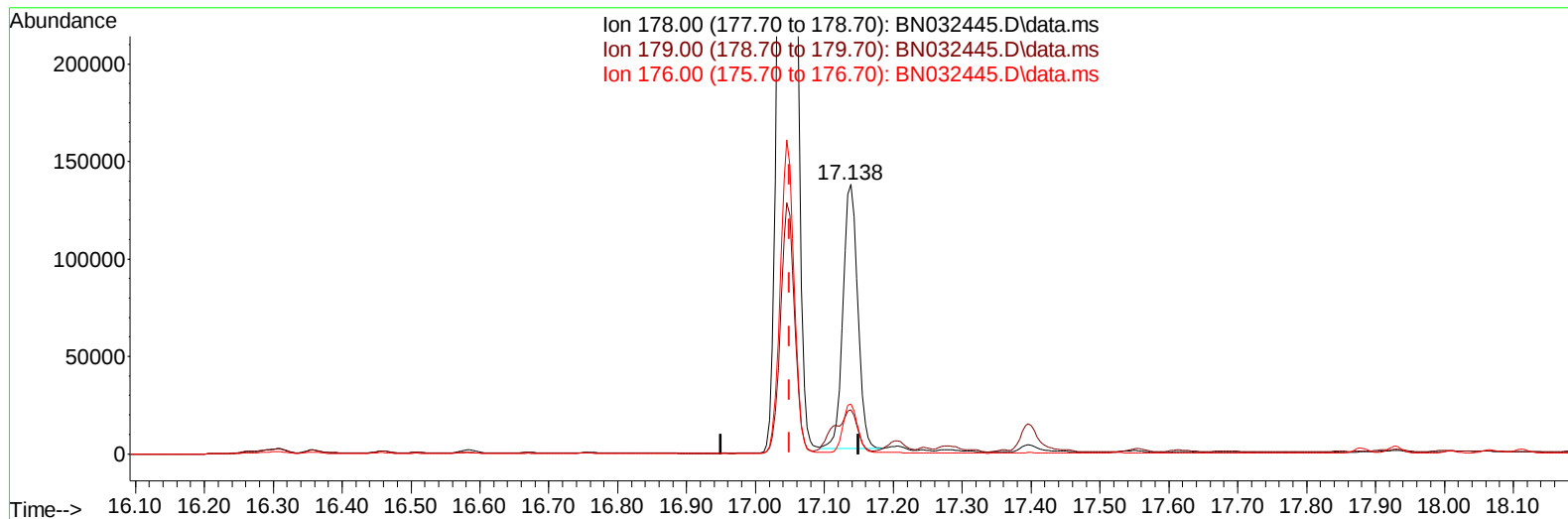
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(15) Phenanthrene

17.138min (+ 0.089) 3.63 ng/u1

response 200389

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.39
176.00	19.50	18.43
0.00	0.00	0.00

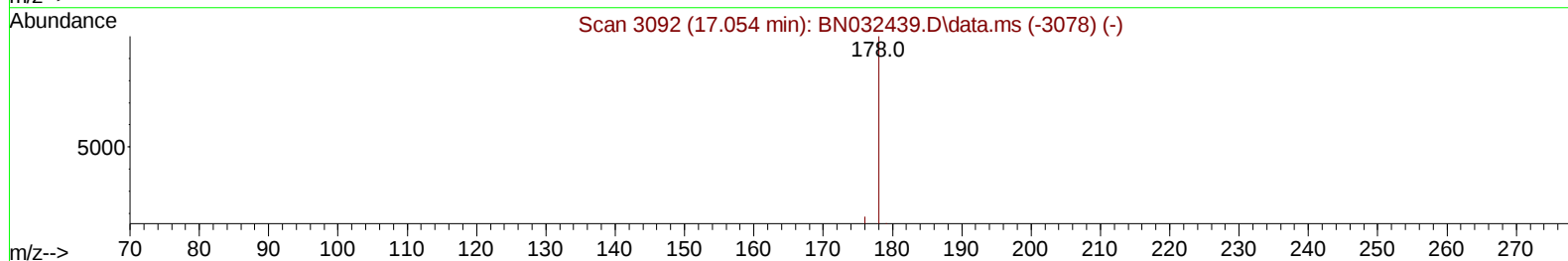
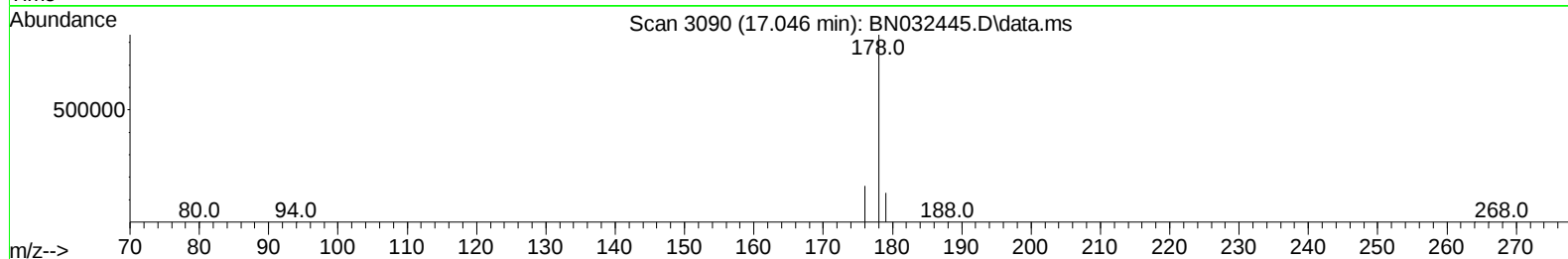
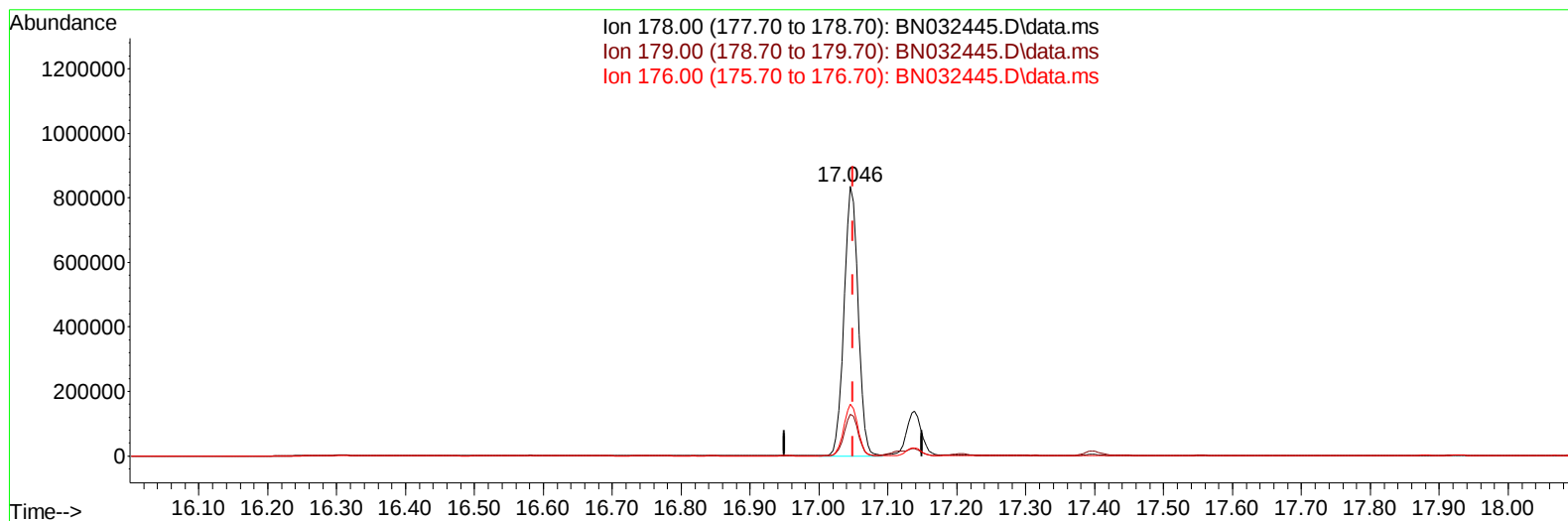
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(15) Phenanthrene

17.046min (-0.004) 21.43 ng/ul m

response 1181765

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.44
176.00	19.50	19.29
0.00	0.00	0.00

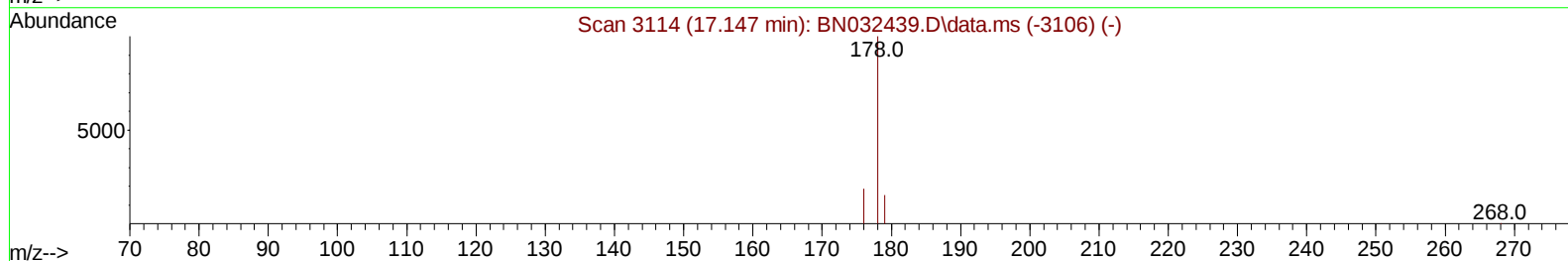
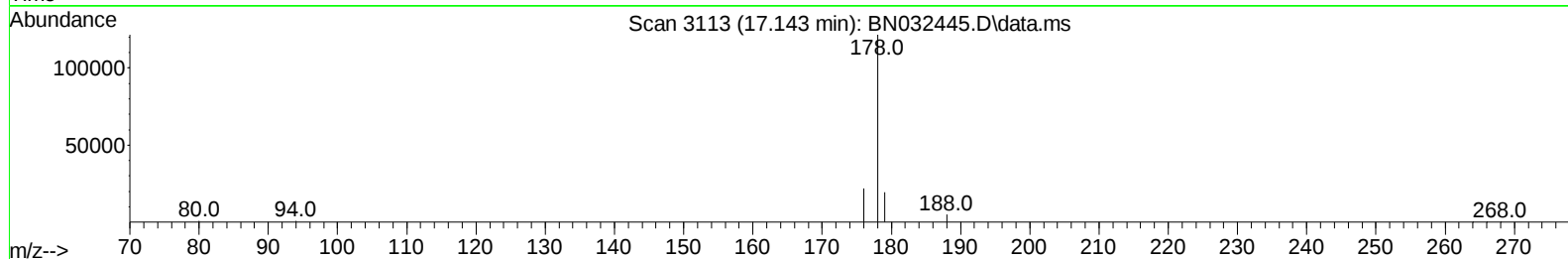
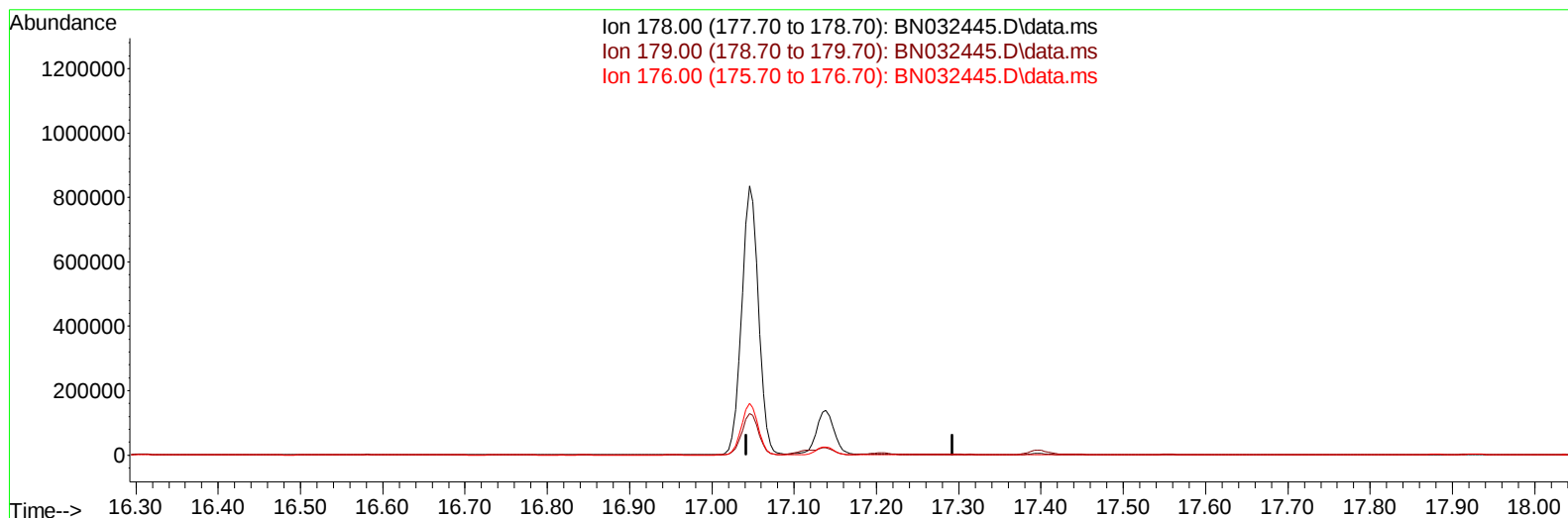
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032445.D
 Acq On : 03 Jul 2024 20:35
 Operator : MA/JU
 Sample : P2963-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(16) Anthracene

17.143min (-17.143) 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

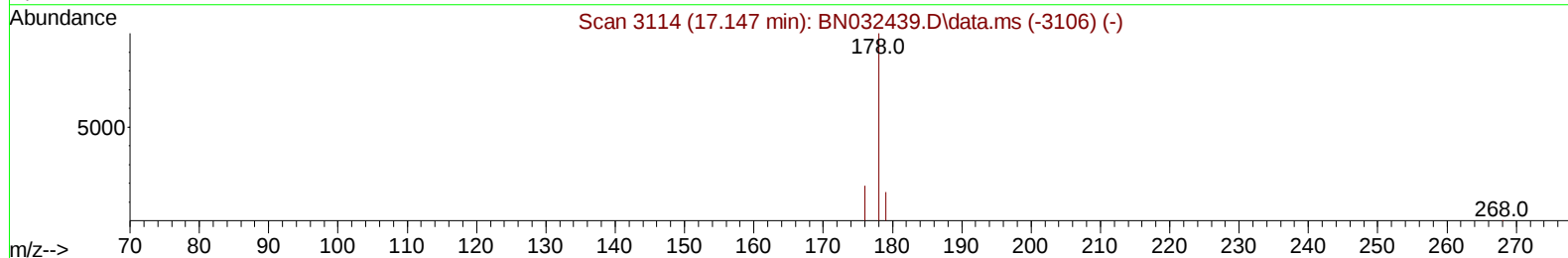
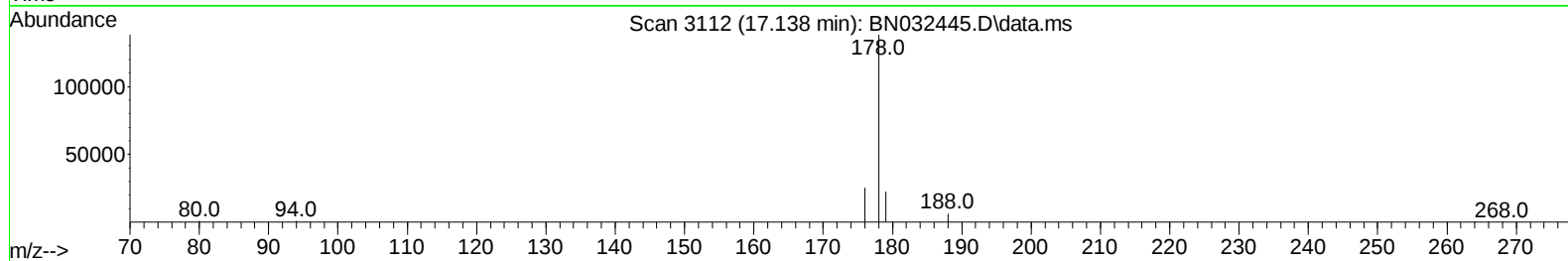
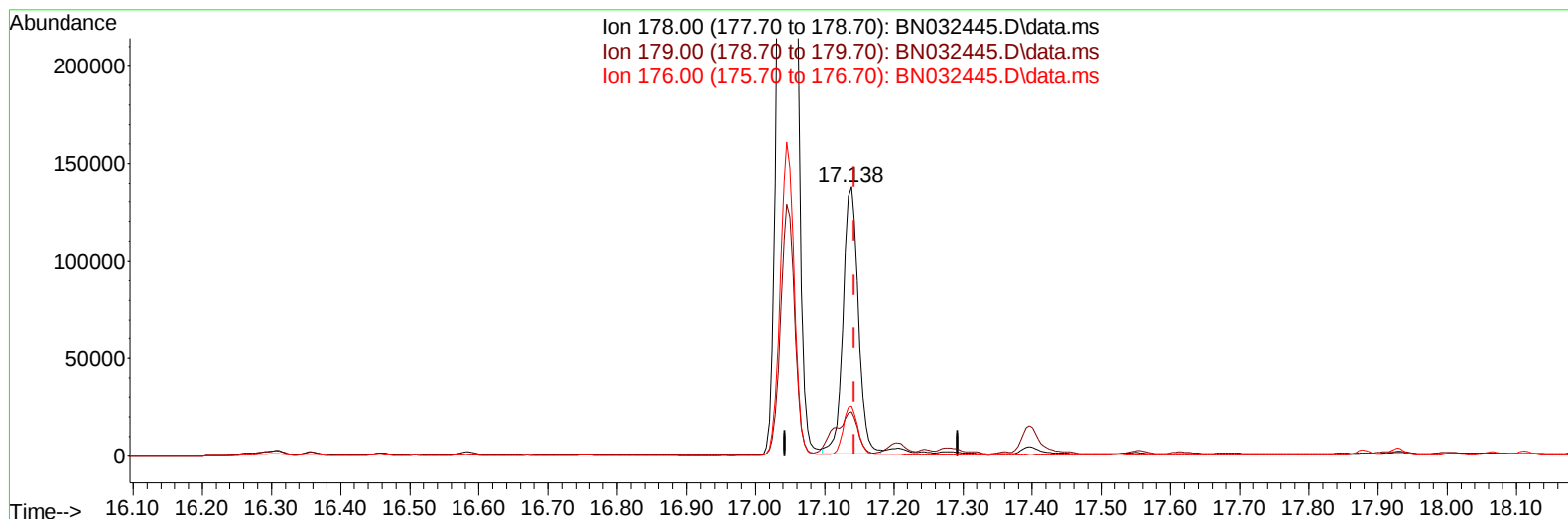
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(16) Anthracene

17.138min (-0.004) 4.27 ng/ul m

response 209834

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.39
176.00	18.80	18.43
0.00	0.00	0.00

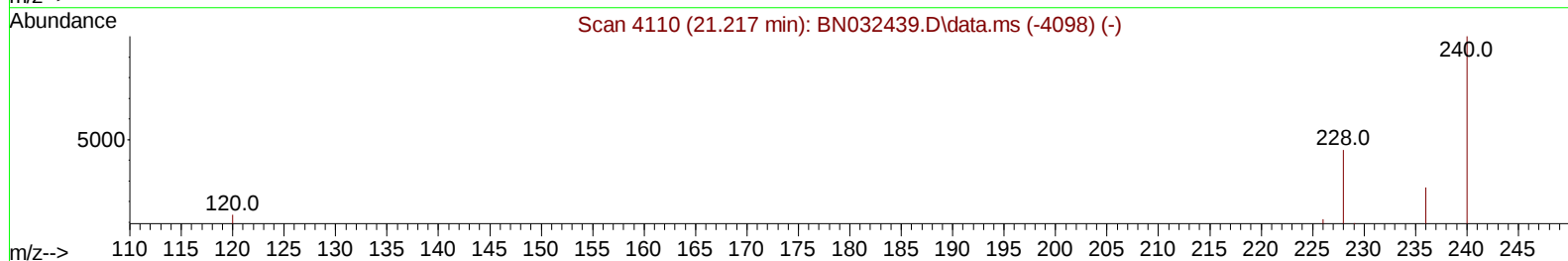
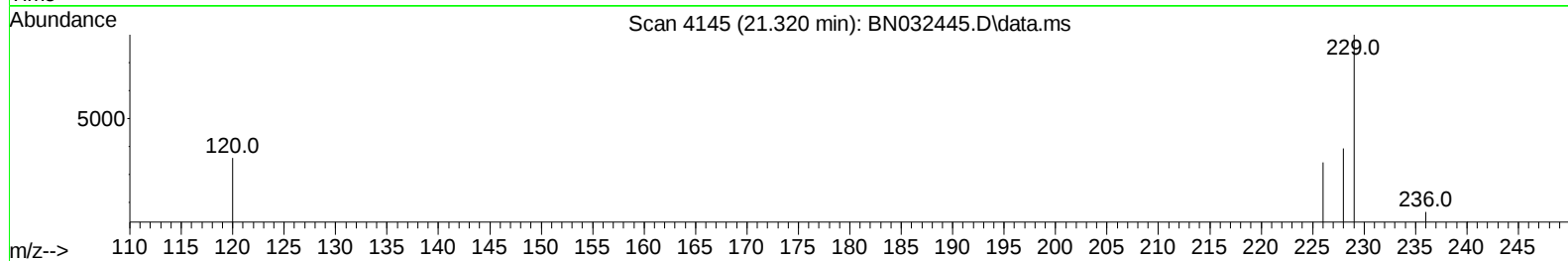
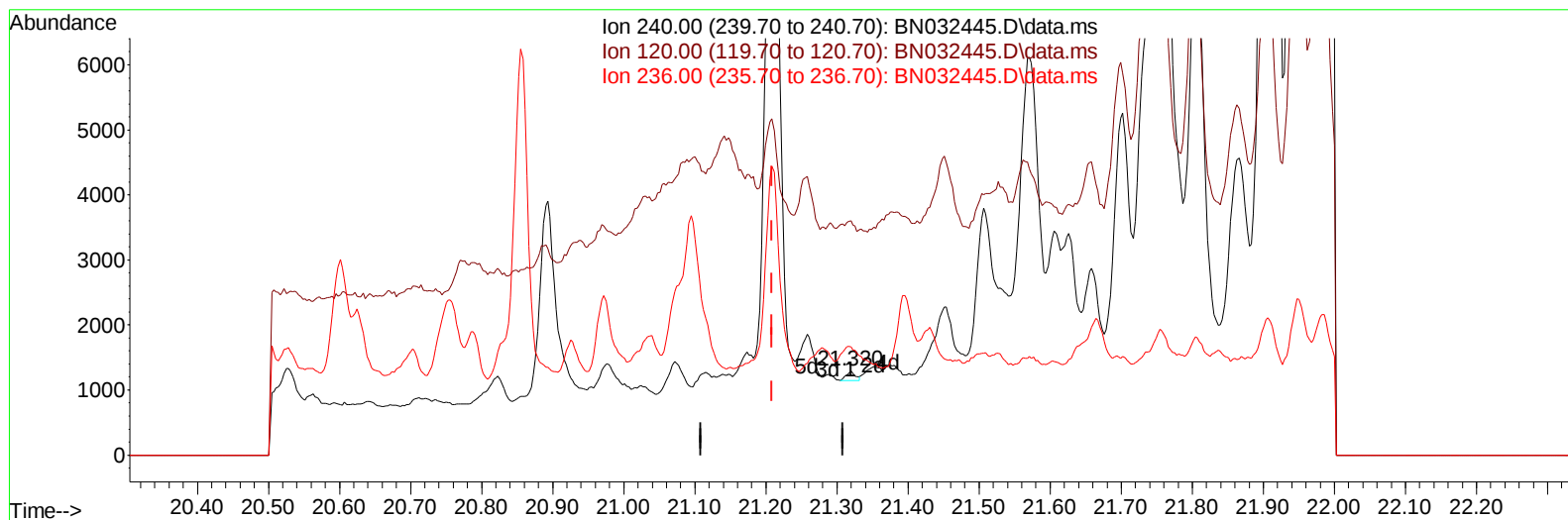
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(17) Chrysene-d12

21.320min (+ 0.111) 0.40 ng/u1

response 129

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	278.34#
236.00	28.40	128.23#
0.00	0.00	0.00

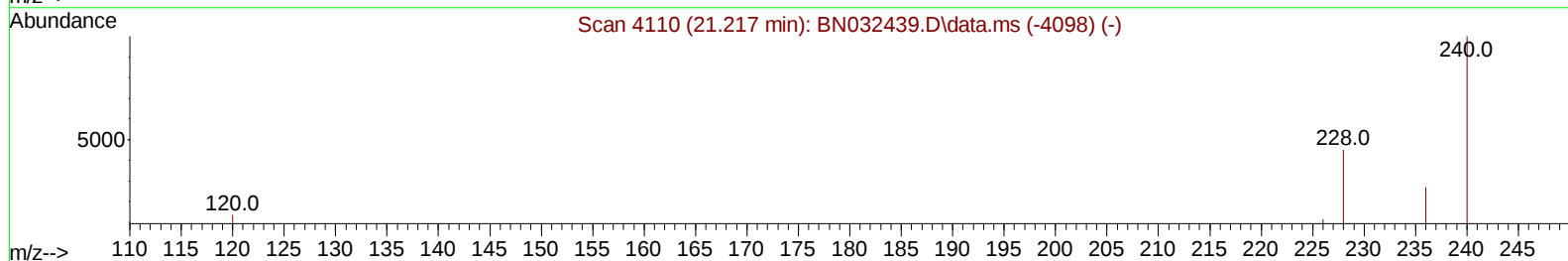
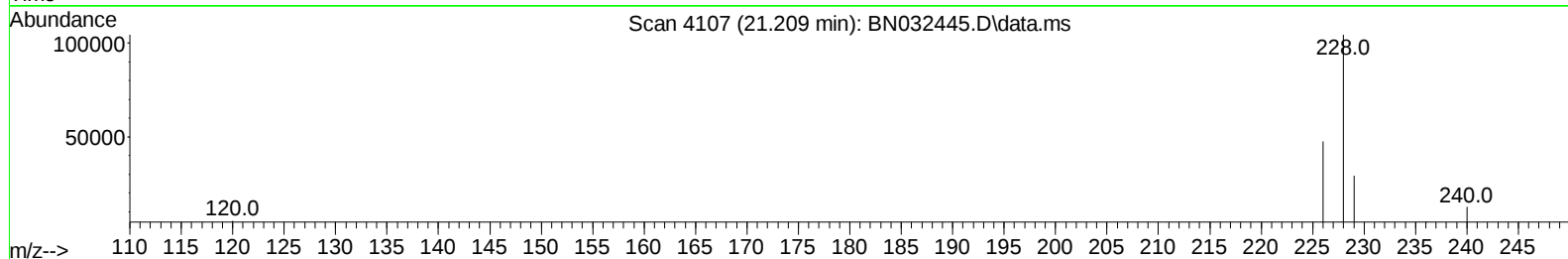
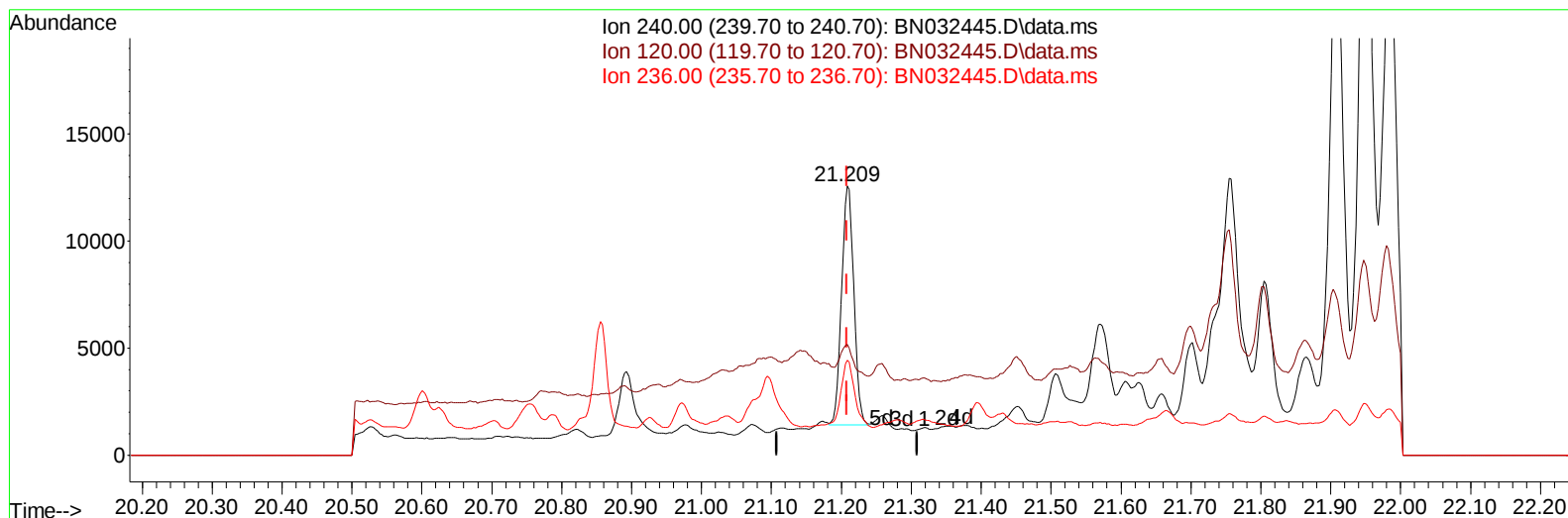
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(17) Chrysene-d12

21.209min (+ 0.000) 0.40 ng/ul m

response 13633

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	41.13#
236.00	28.40	35.36#
0.00	0.00	0.00

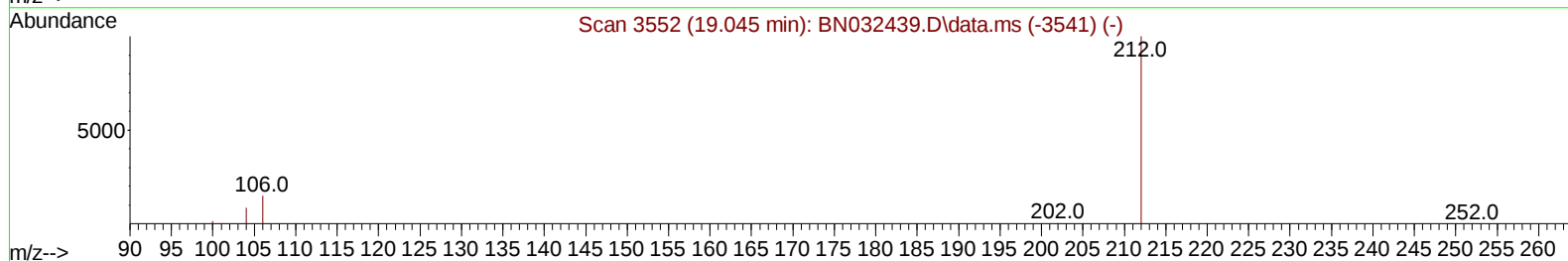
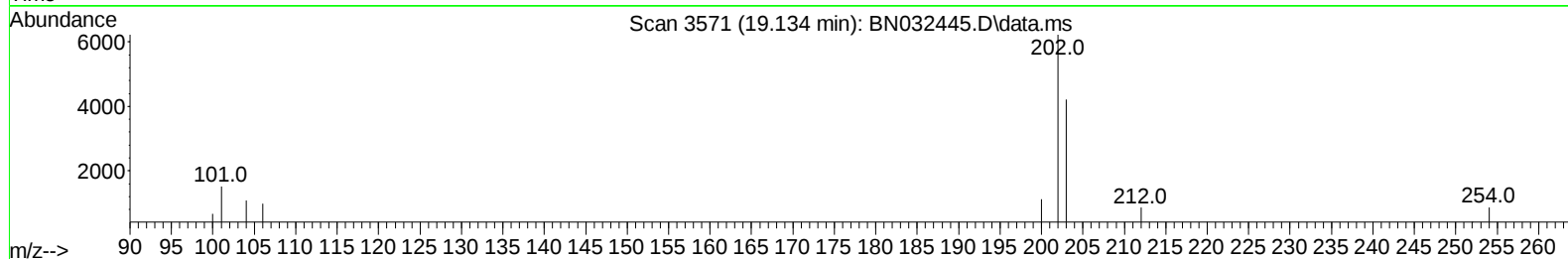
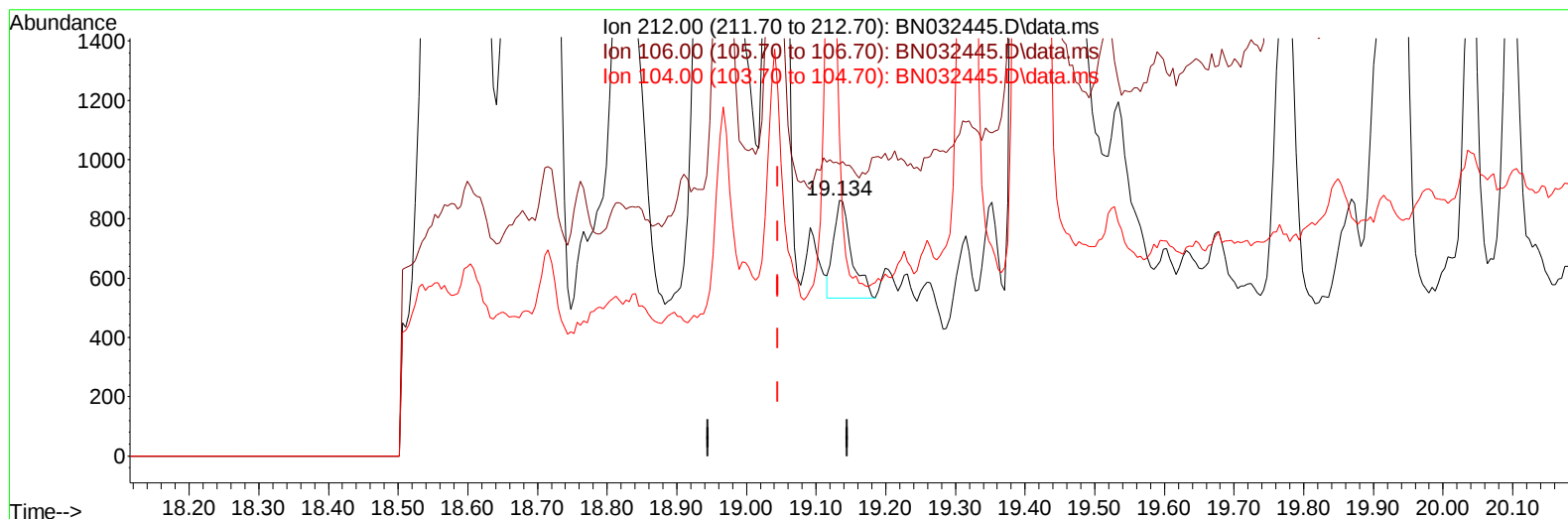
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032445.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.134min (+ 0.088) 0.01 ng/u1

response 595

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

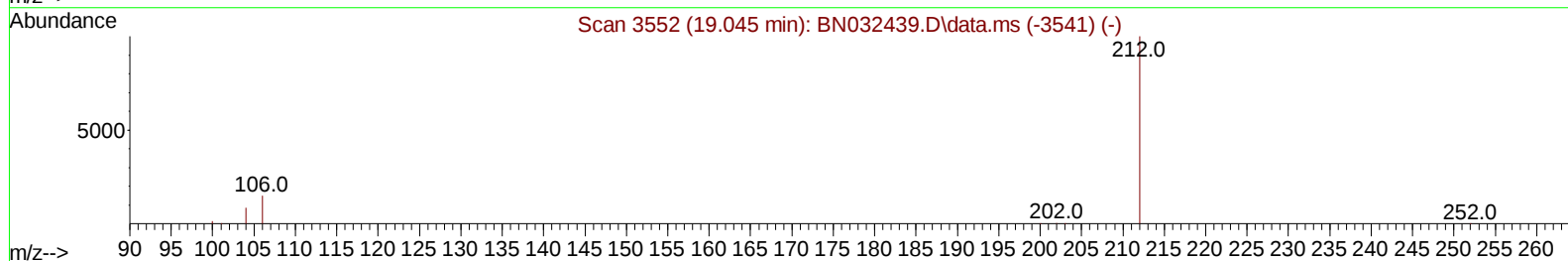
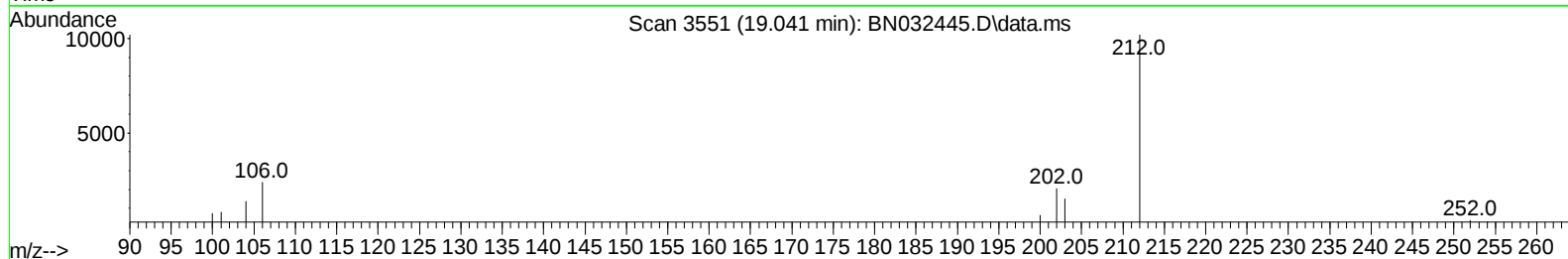
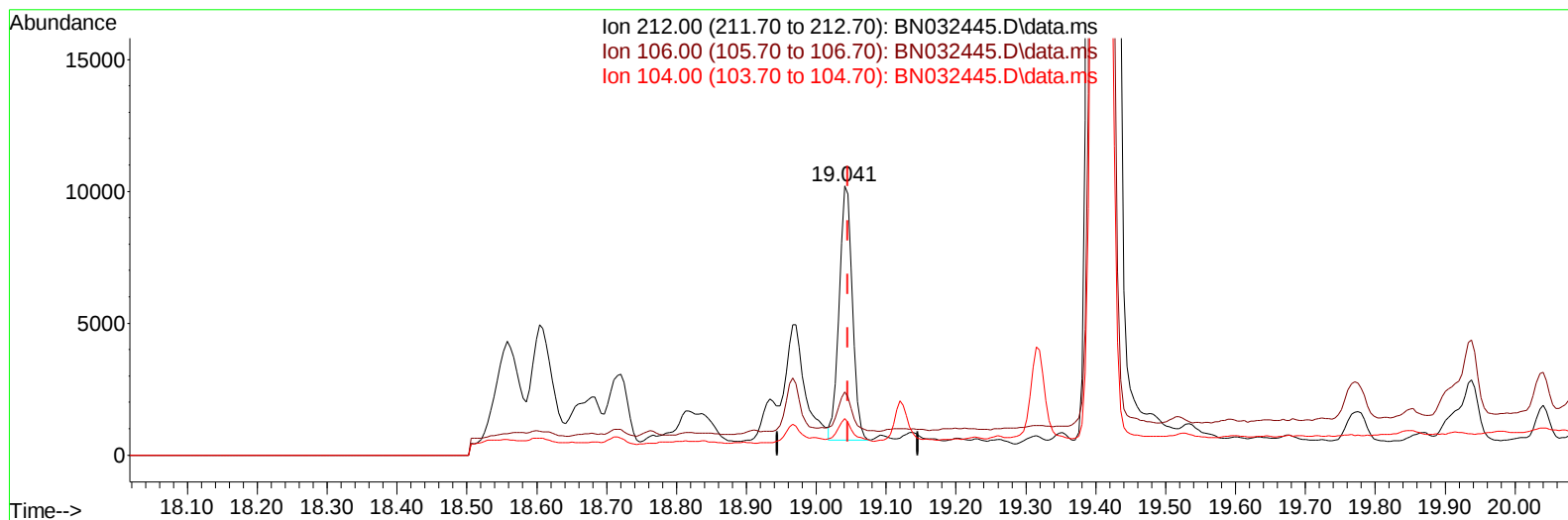
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.005) 0.31 ng/u1 m

response 12906

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

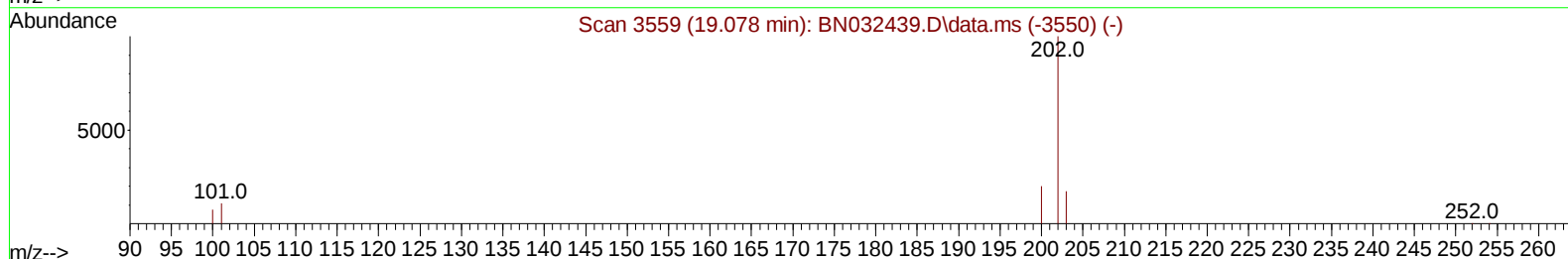
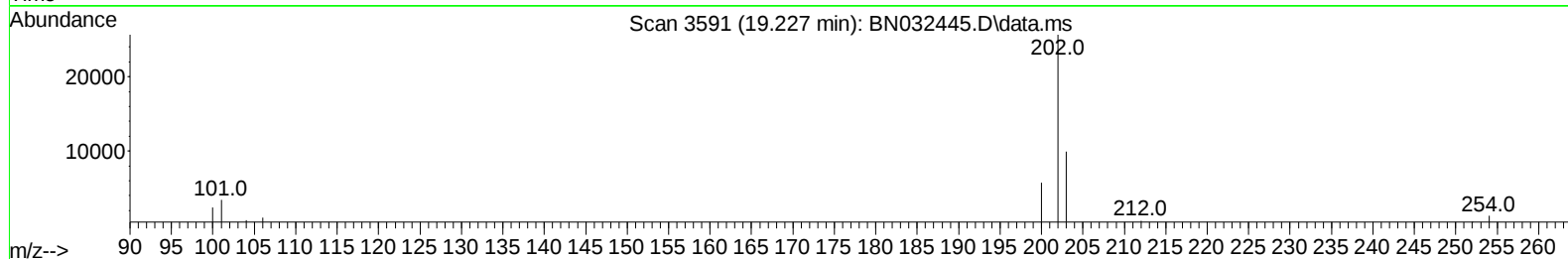
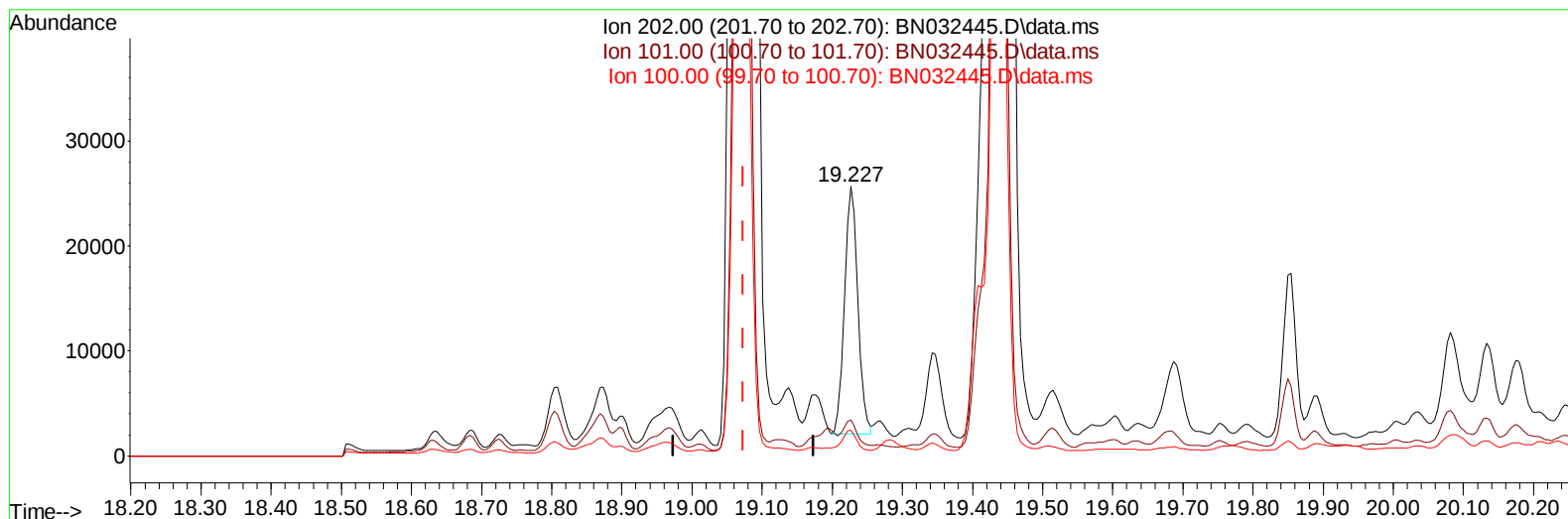
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 2024
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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(19) Fluoranthene (C)

19.227min (+ 0.153) 0.60 ng/u1

response 31294

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	13.26#
100.00	8.00	9.51
0.00	0.00	0.00

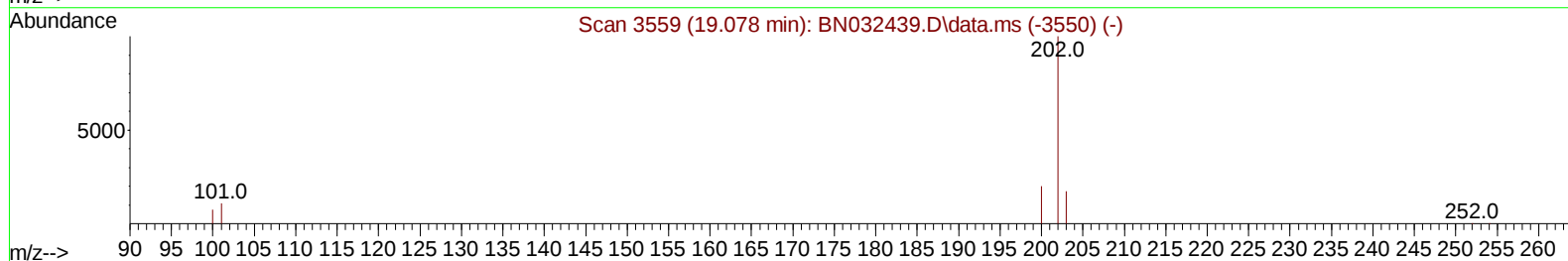
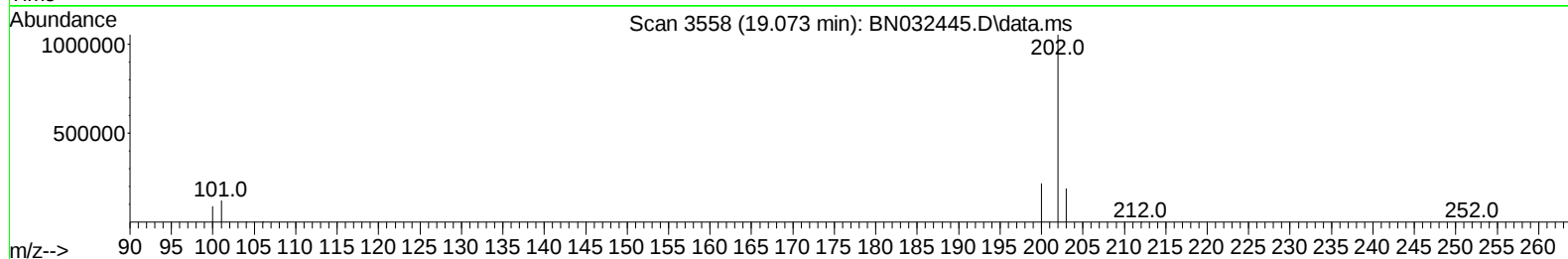
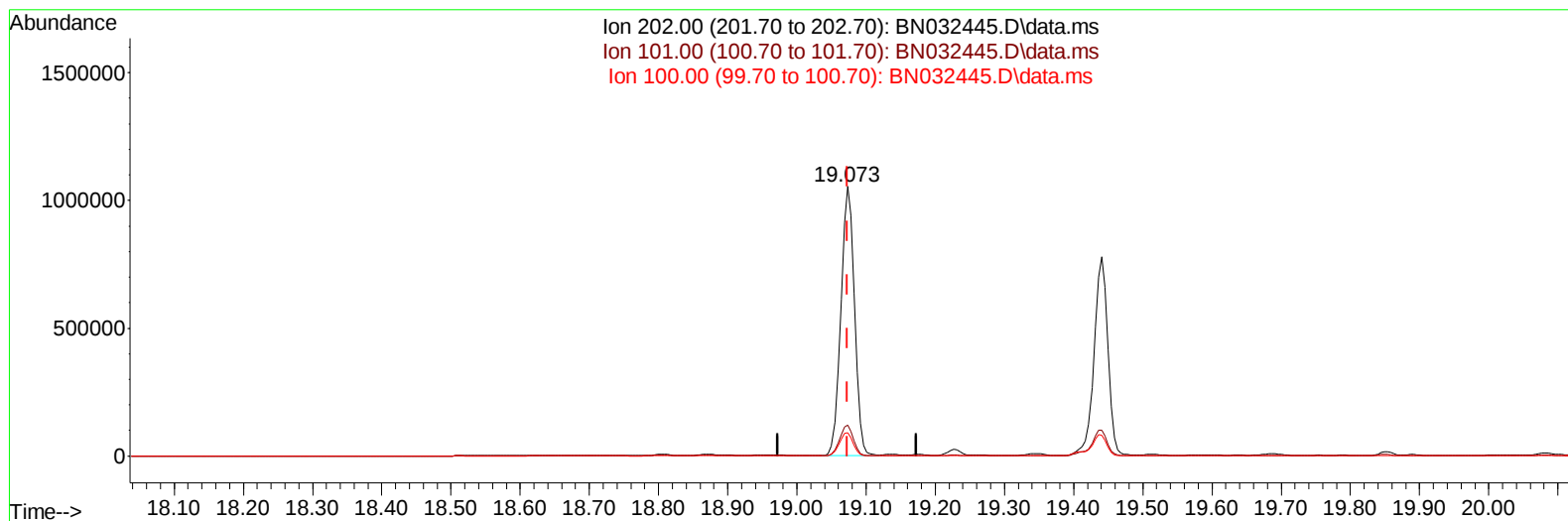
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(19) Fluoranthene (C)

19.073min (+ 0.000) 27.92 ng/ul m

response 1449363

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.48
100.00	8.00	8.61
0.00	0.00	0.00

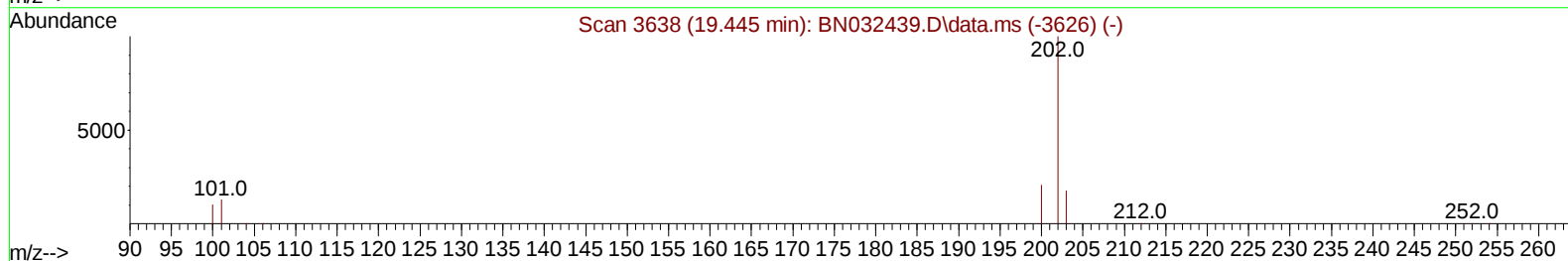
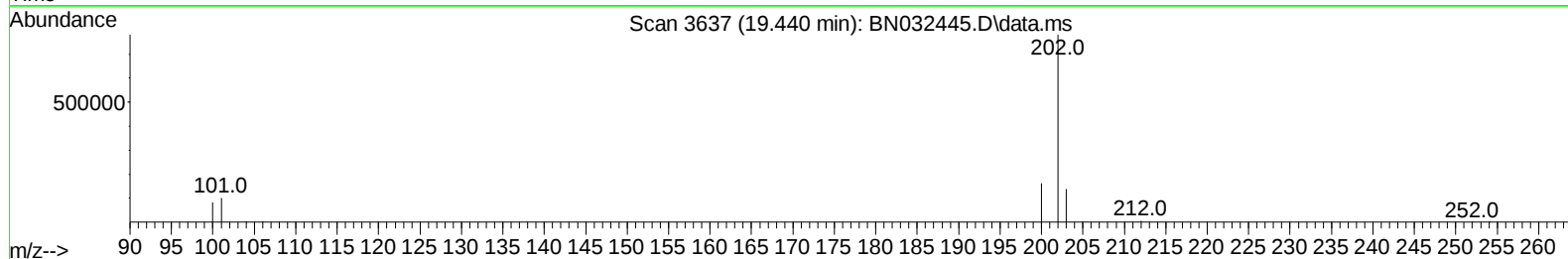
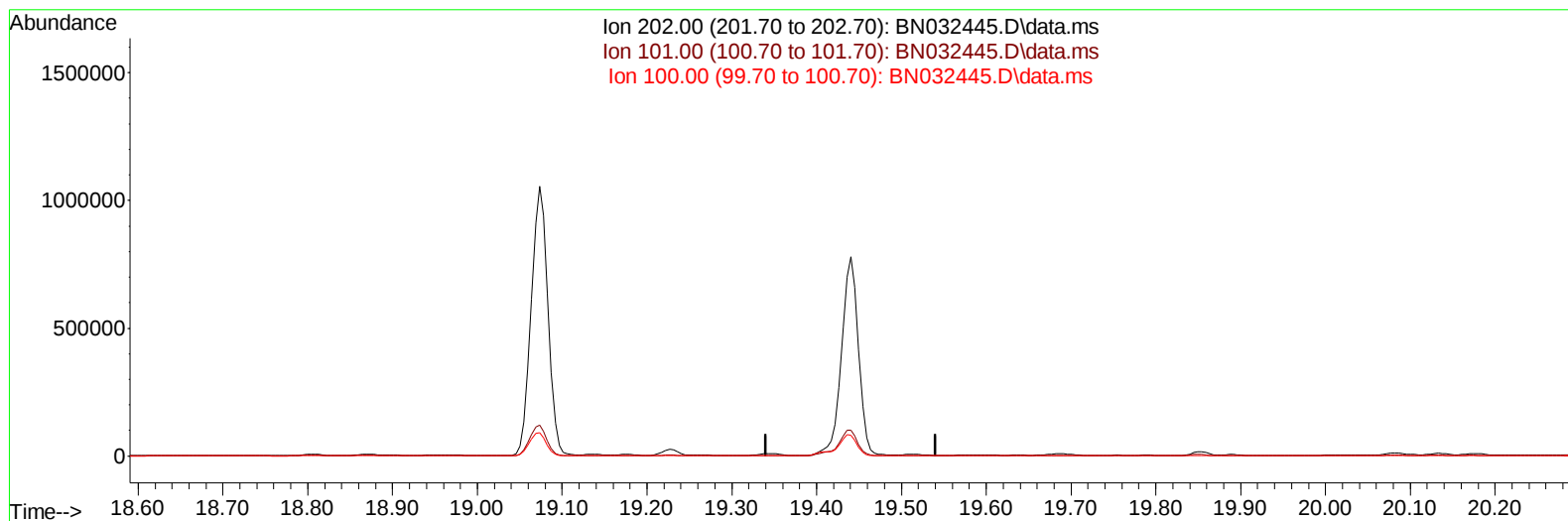
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(20) Pyrene

19.440min (-19.440) 0.00 ng/u1

response 0

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

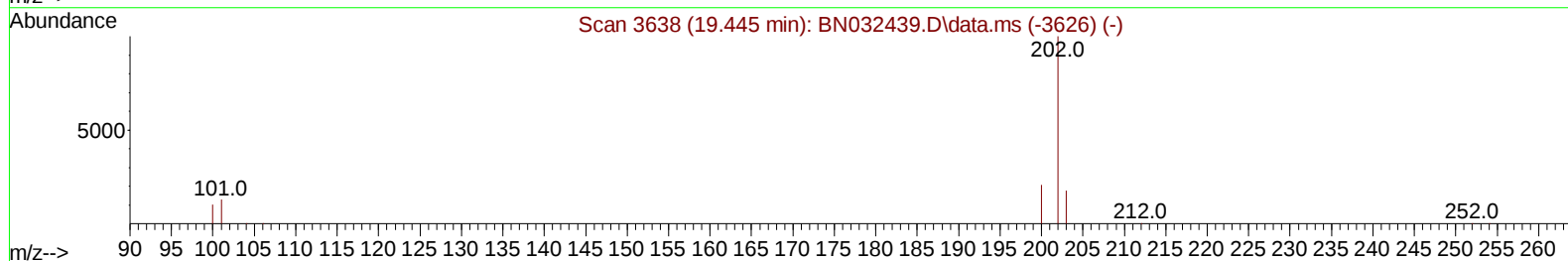
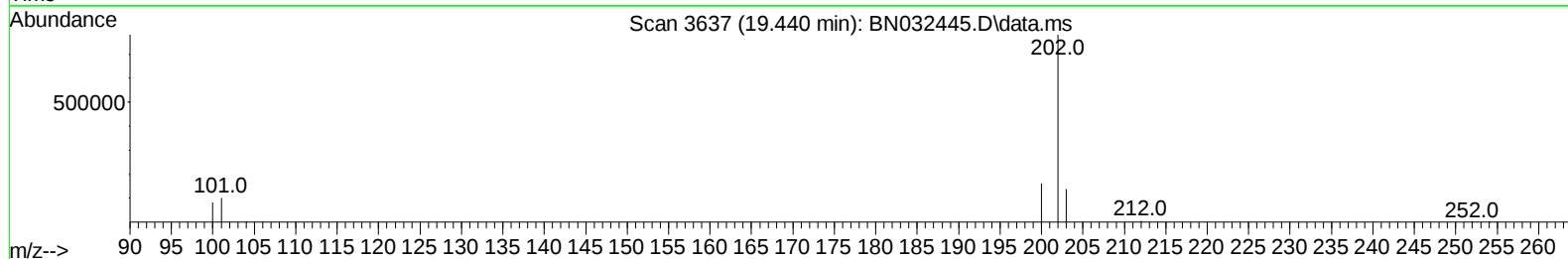
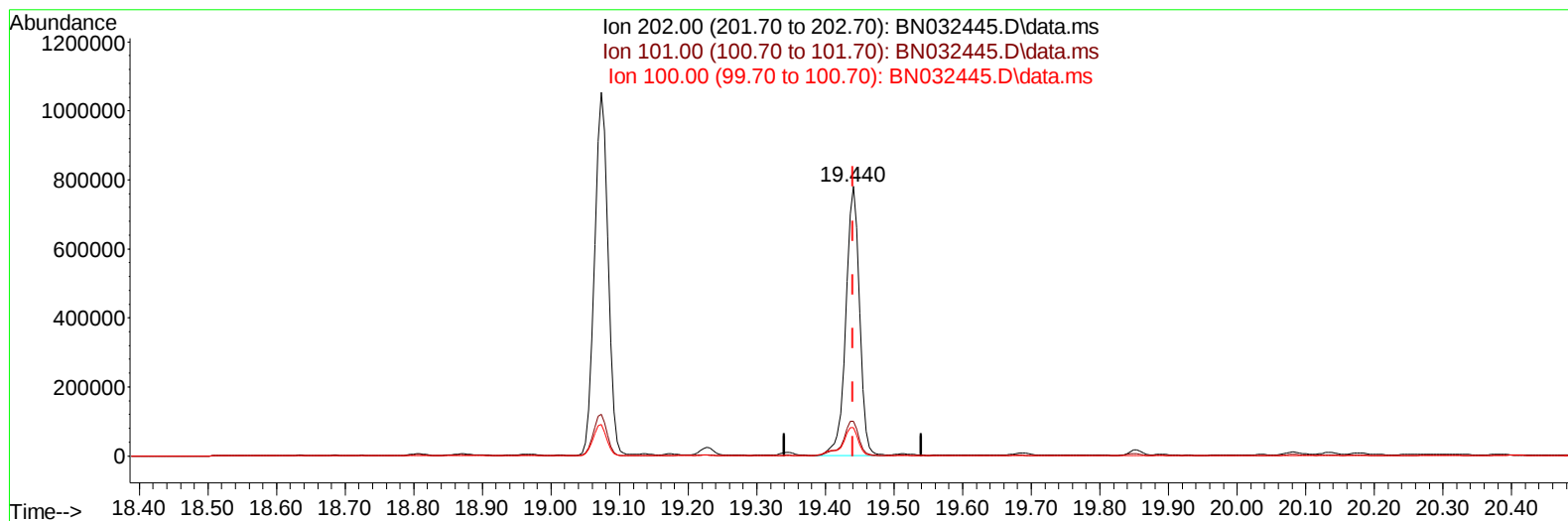
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(20) Pyrene

19.440min (+ 0.000) 20.10 ng/ul m

response 1090436

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.96
100.00	10.90	10.40
0.00	0.00	0.00

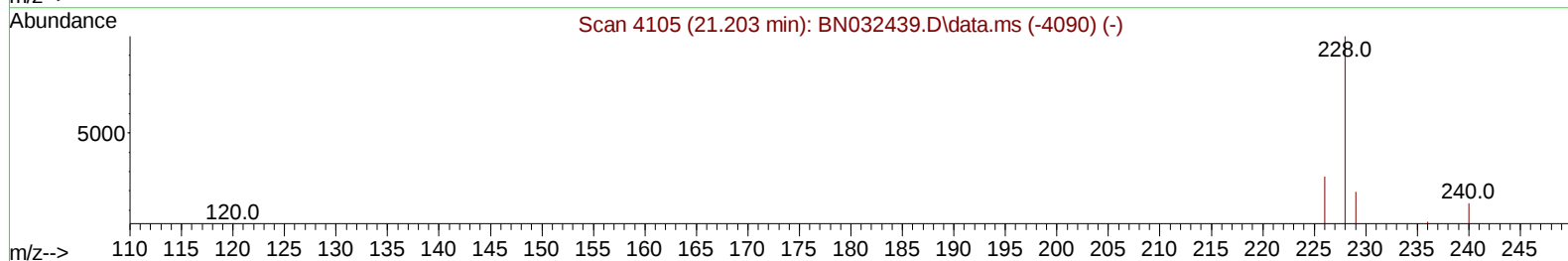
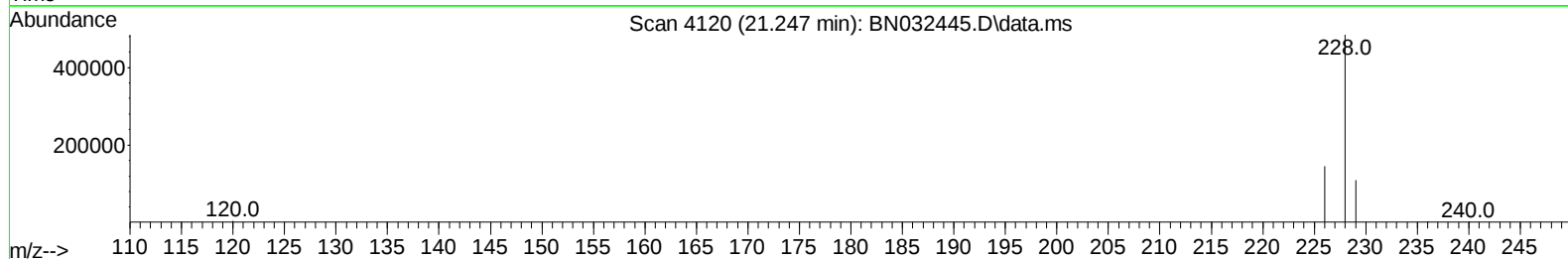
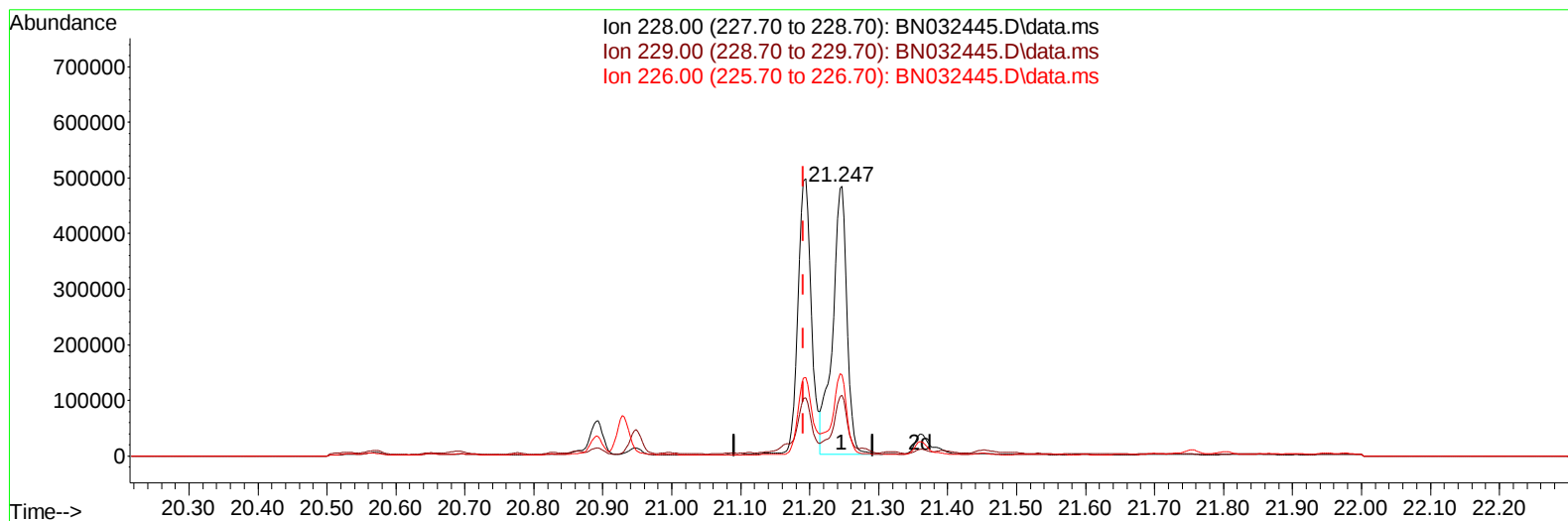
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(21) Benzo(a)anthracene

21.247min (+ 0.056) 14.14 ng/ul

response 695829

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.44
226.00	27.30	30.17
0.00	0.00	0.00

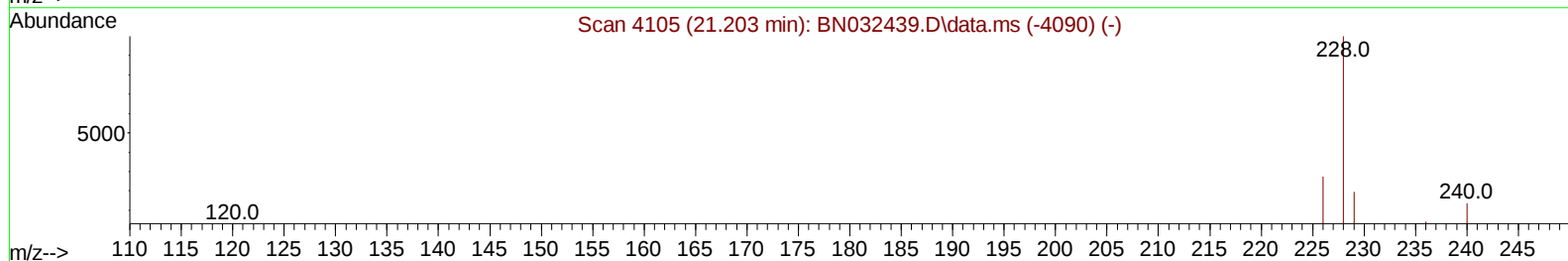
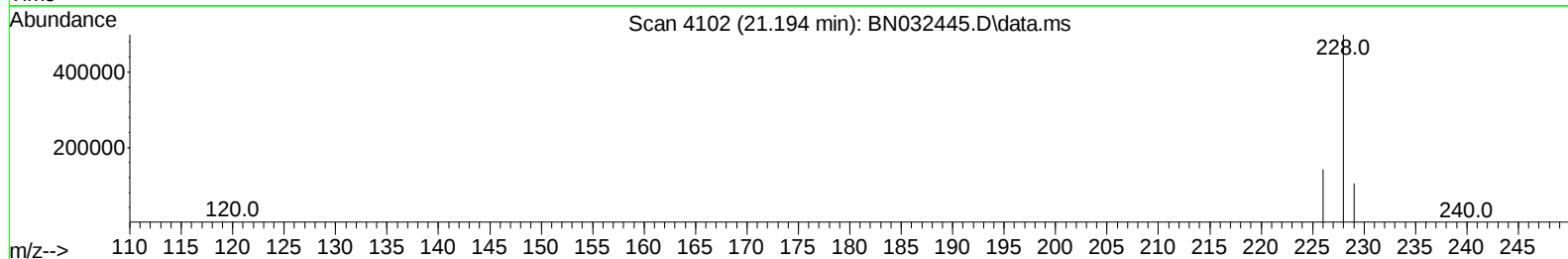
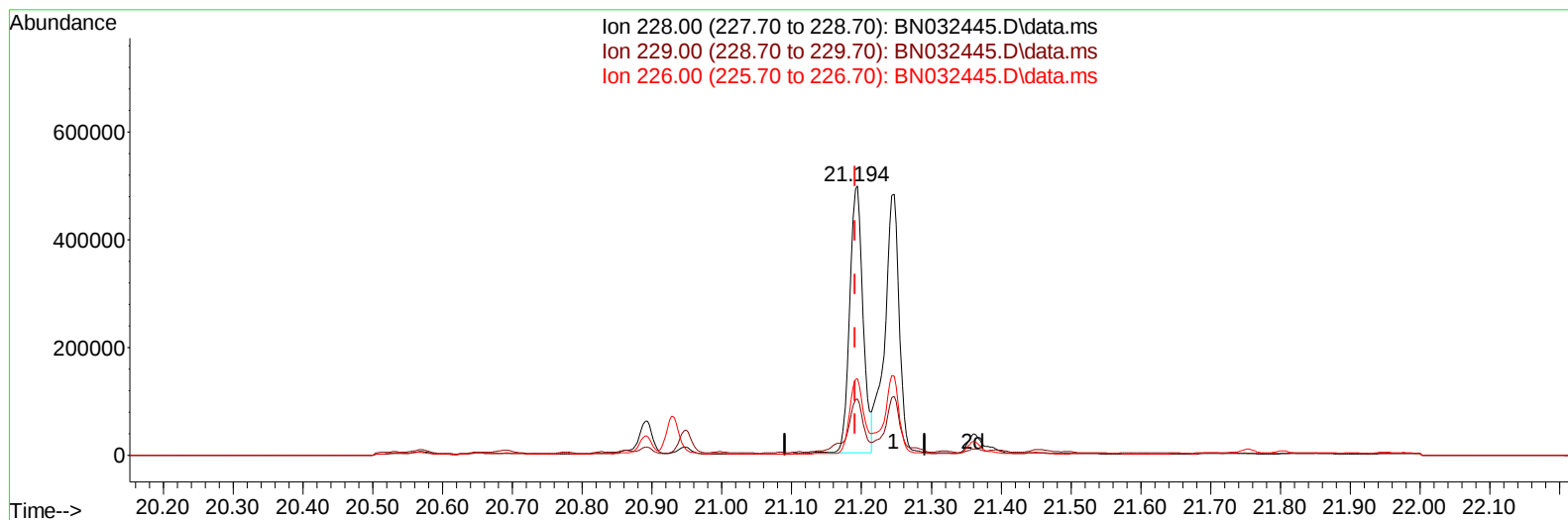
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(21) Benzo(a)anthracene

21.194min (+ 0.003) 13.41 ng/ul m

response 659815

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.97
226.00	27.30	28.39
0.00	0.00	0.00

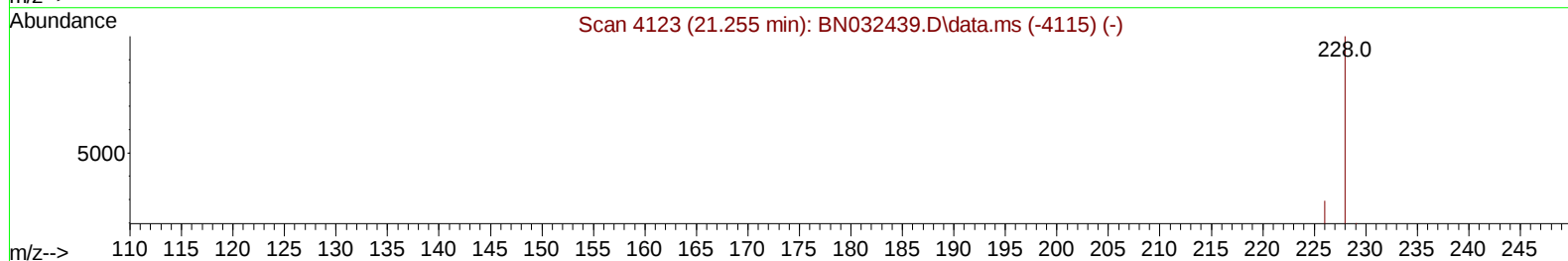
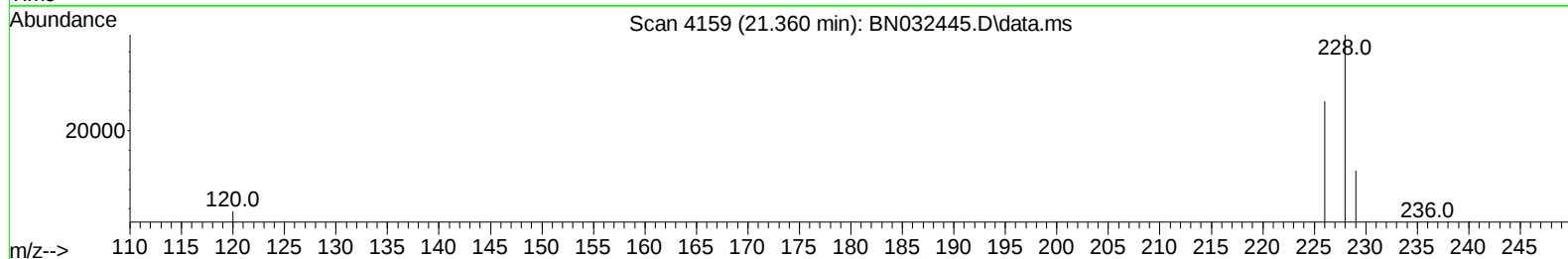
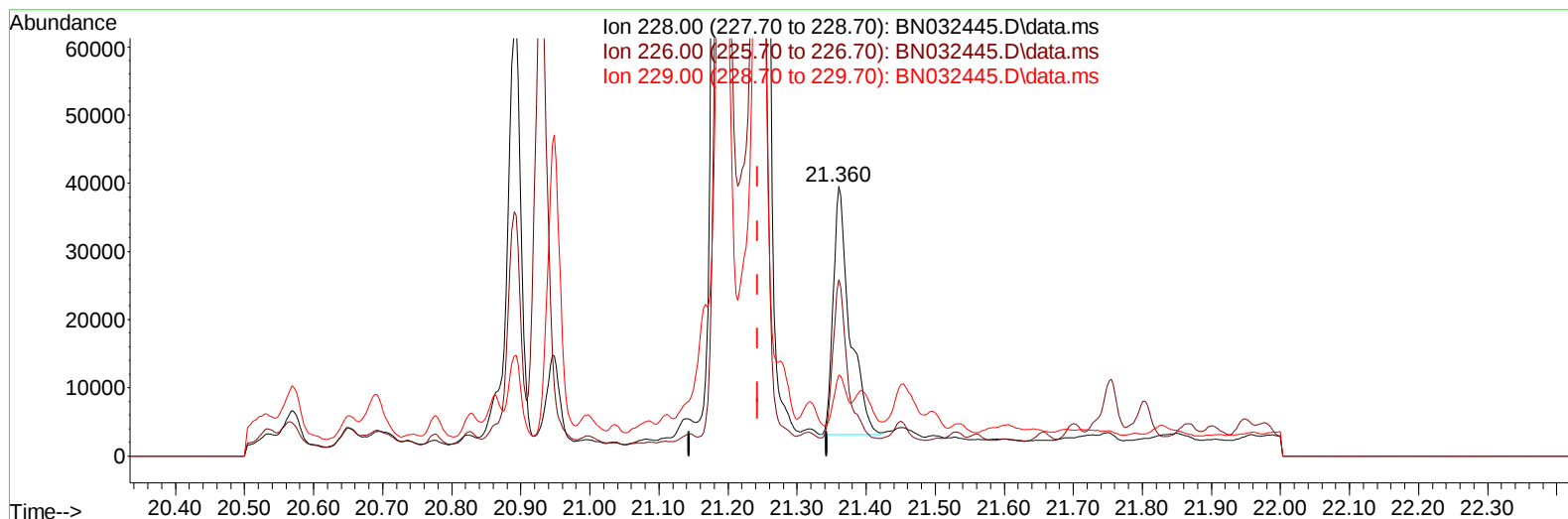
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(22) Chrysene

21.360min (+ 0.117) 1.12 ng/u1

response 60539

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.51#
229.00	19.60	30.02#
0.00	0.00	0.00

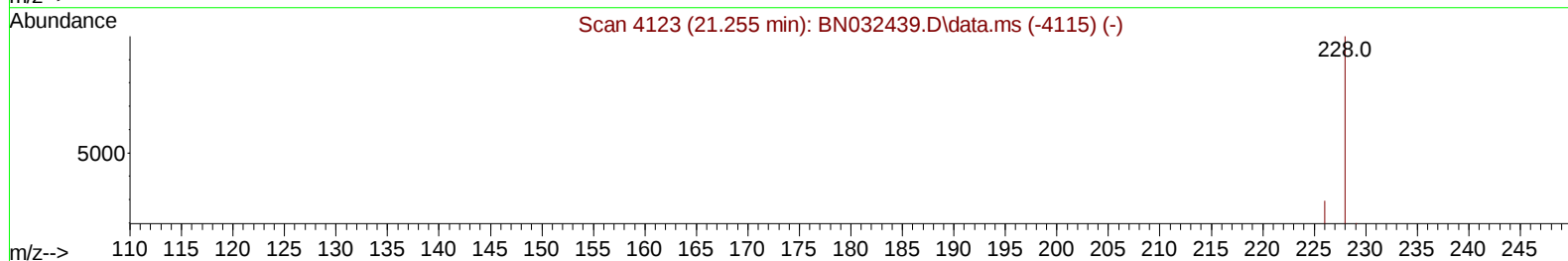
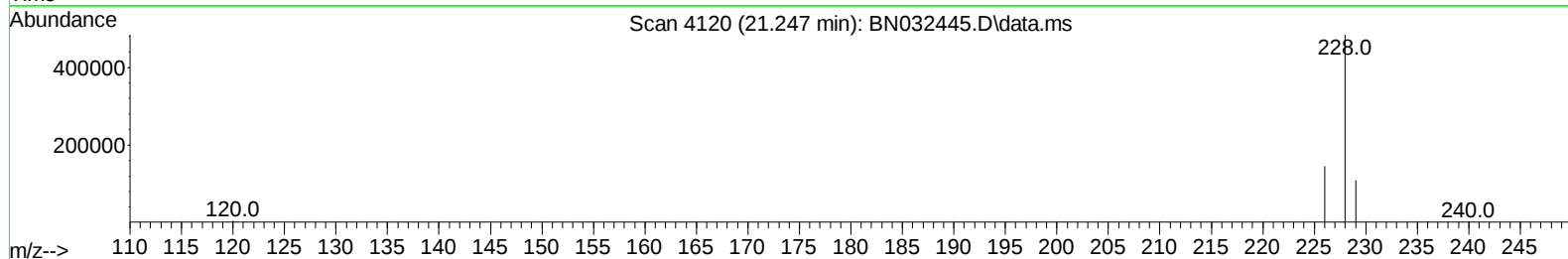
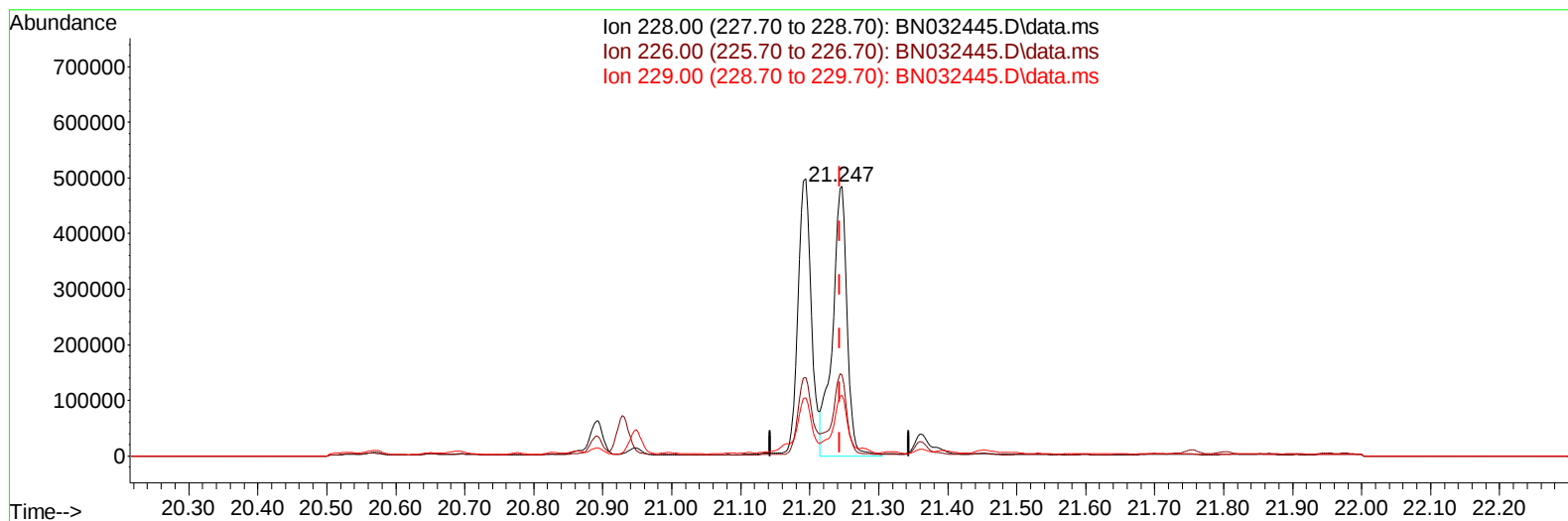
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(22) Chrysene

21.247min (+ 0.003) 13.24 ng/ul m

response 715026

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.17
229.00	19.60	22.44
0.00	0.00	0.00

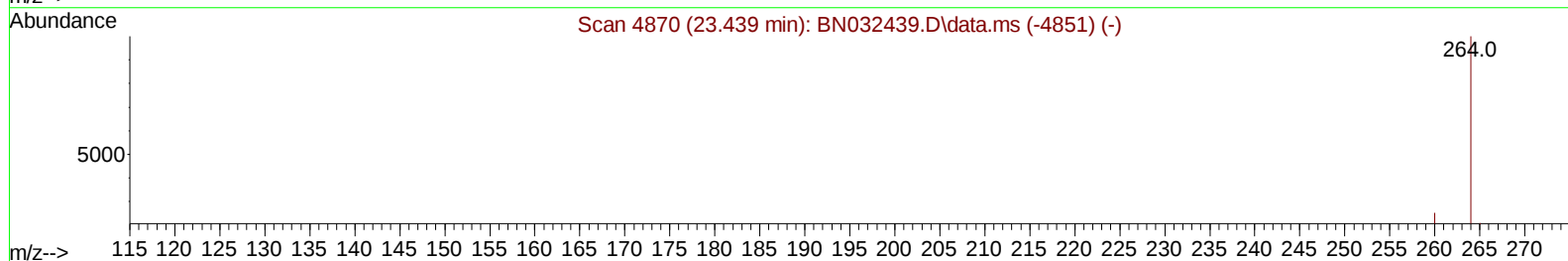
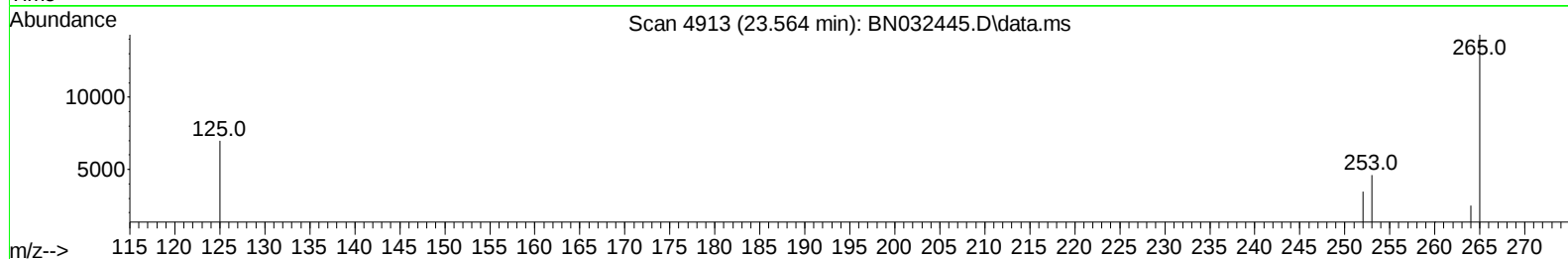
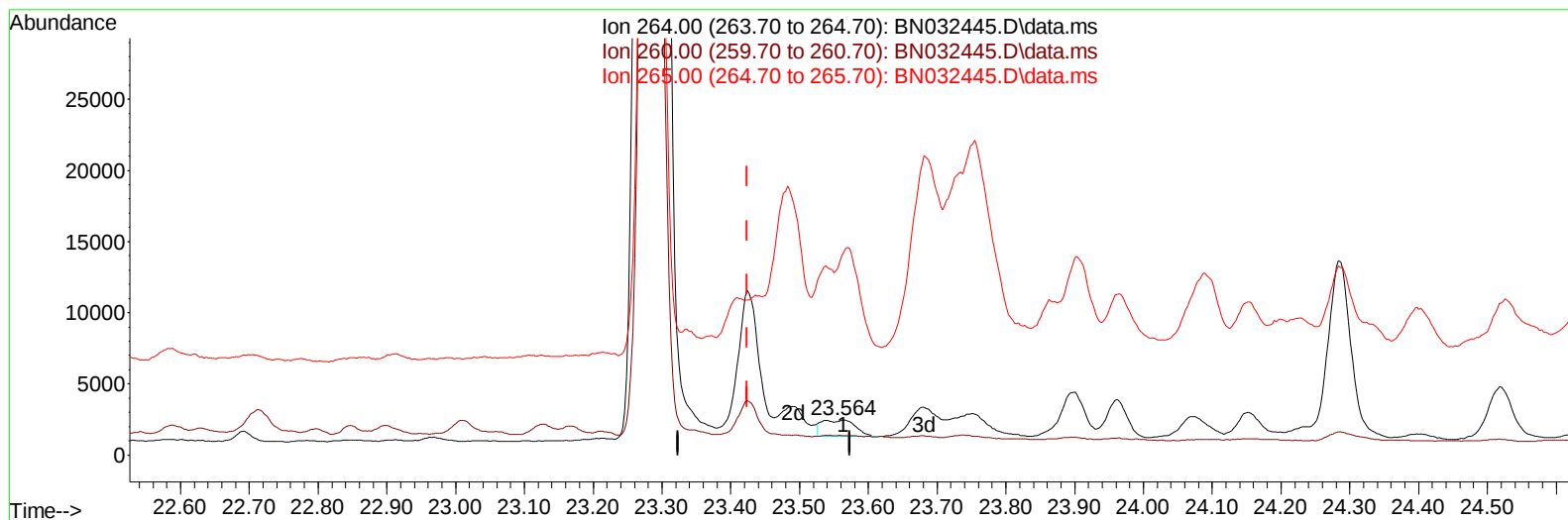
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032445.D
 Acq On : 03 Jul 2024 20:35
 Operator : MA/JU
 Sample : P2963-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(23) Perylene-d12 (I)

23.564min (+ 0.140) 0.40 ng/ul

response 3818

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	54.41#
265.00	67.20	577.35#
0.00	0.00	0.00

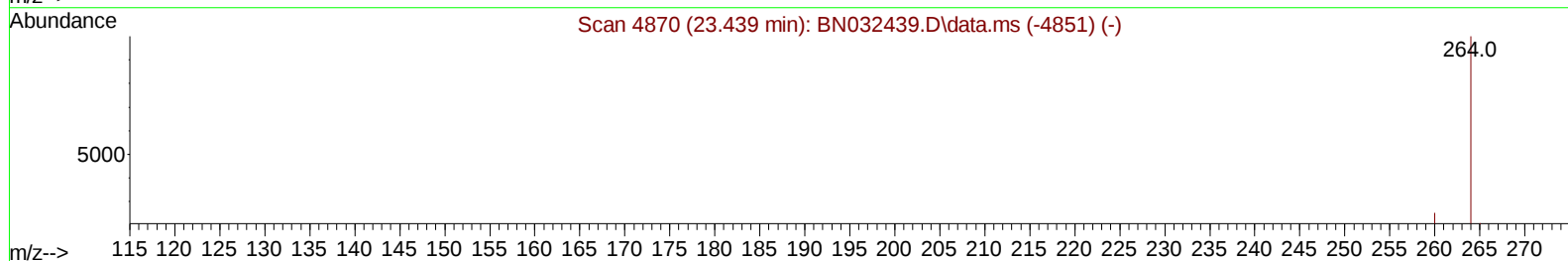
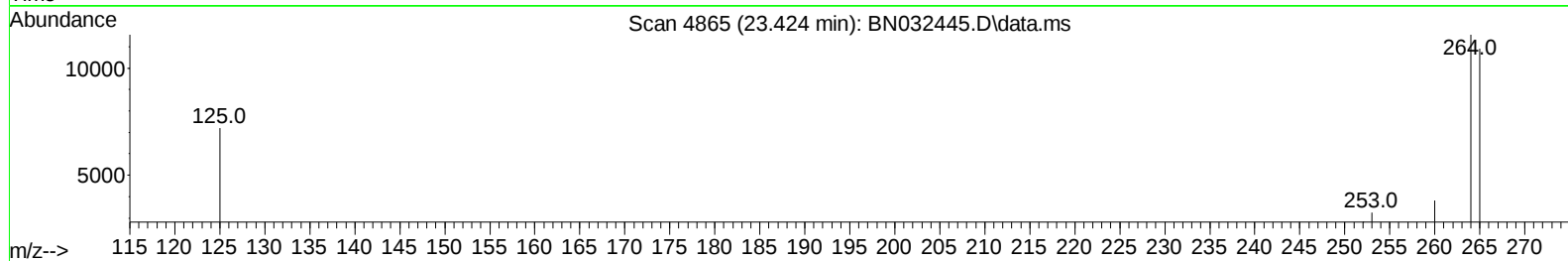
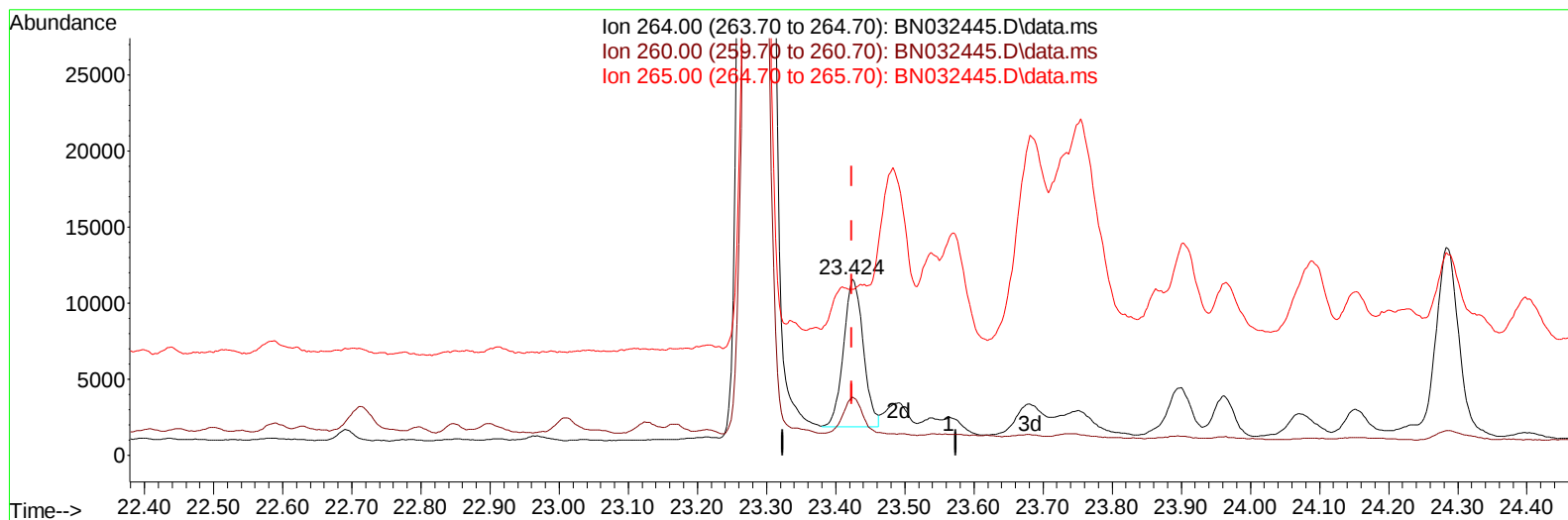
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(23) Perylene-d12 (I)

23.424min (+ 0.000) 0.40 ng/ul m

response 19255

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	33.11#
265.00	67.20	94.35#
0.00	0.00	0.00

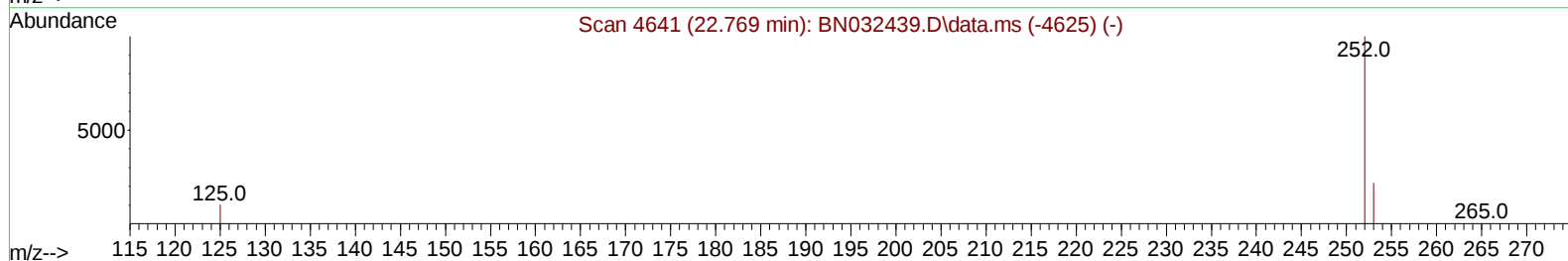
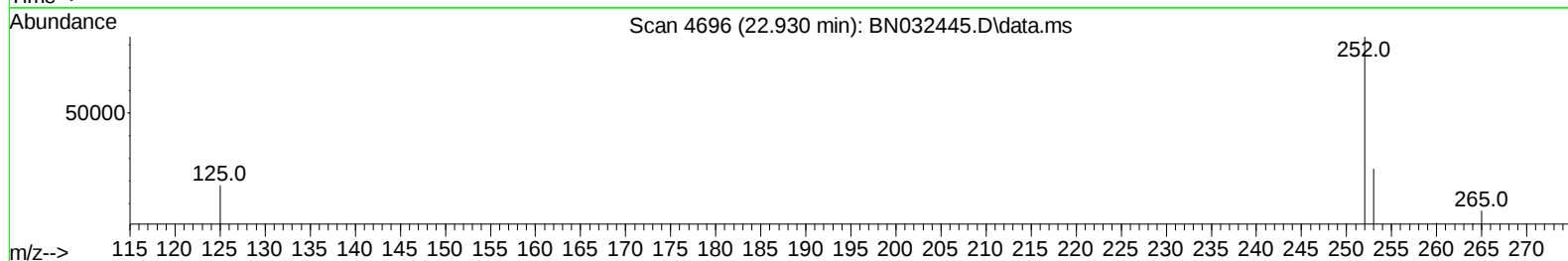
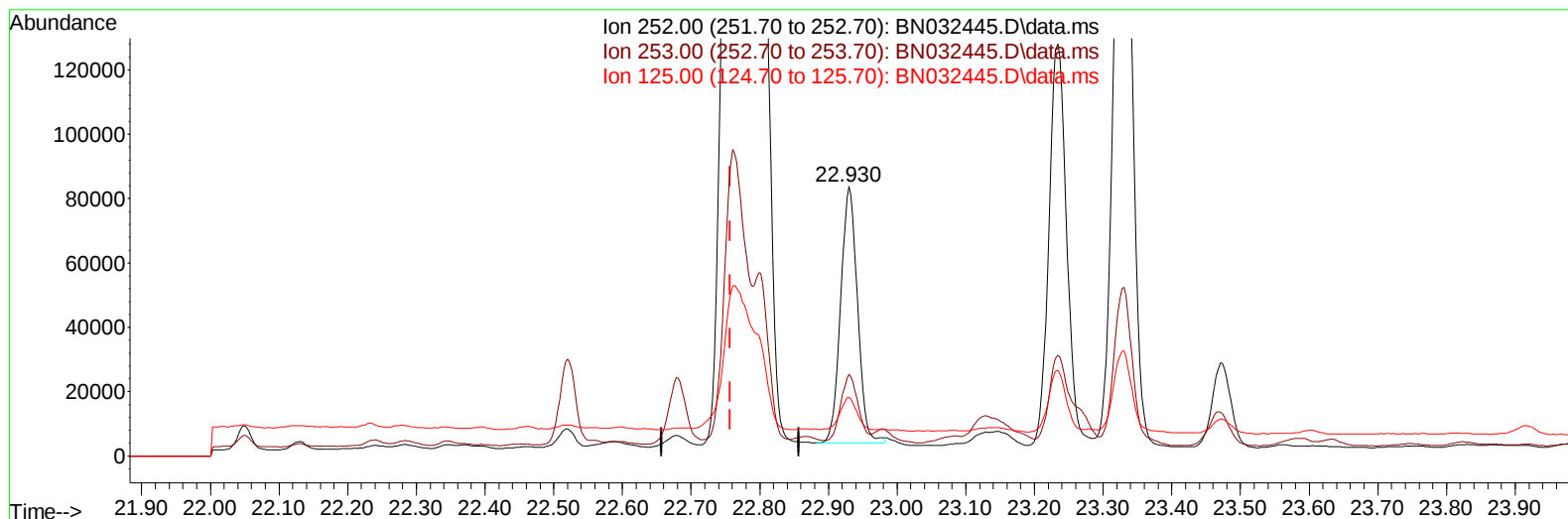
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(24) Benzo(b)fluoranthene

22.930min (+ 0.173) 1.63 ng/u1

response 136102

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	30.26
125.00	16.00	21.72
0.00	0.00	0.00

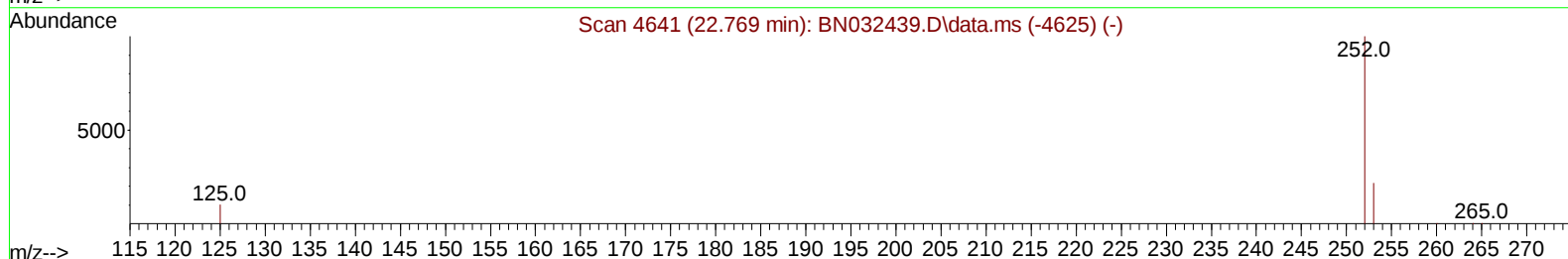
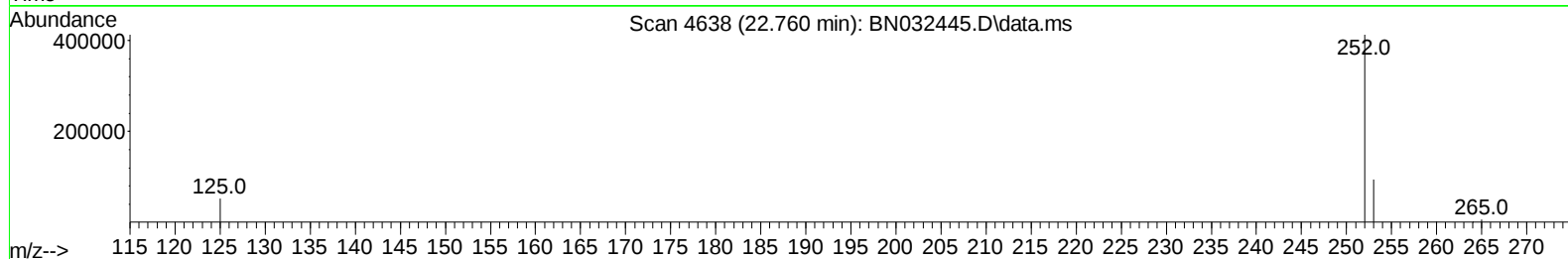
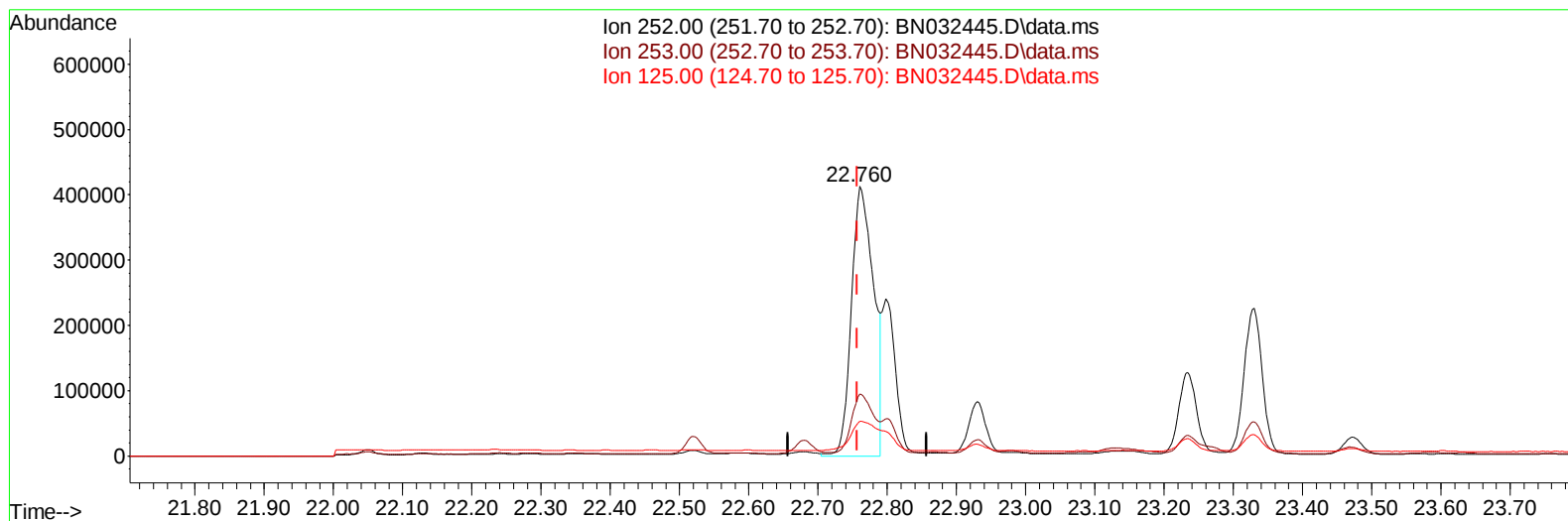
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(24) Benzo(b)fluoranthene

22.760min (+ 0.003) 10.99 ng/ul m

response 919464

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.07
125.00	16.00	12.79
0.00	0.00	0.00

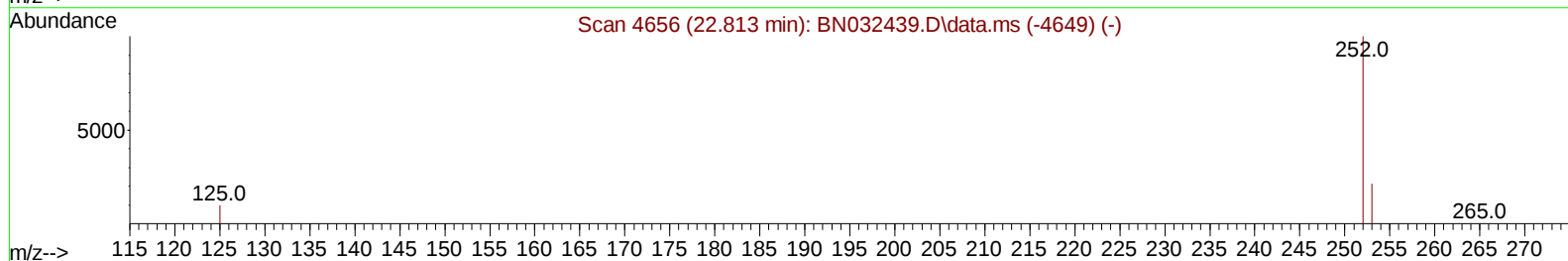
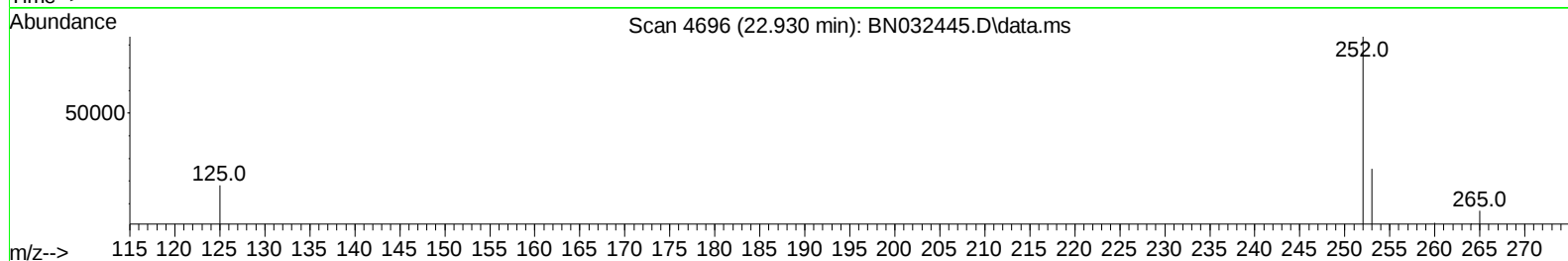
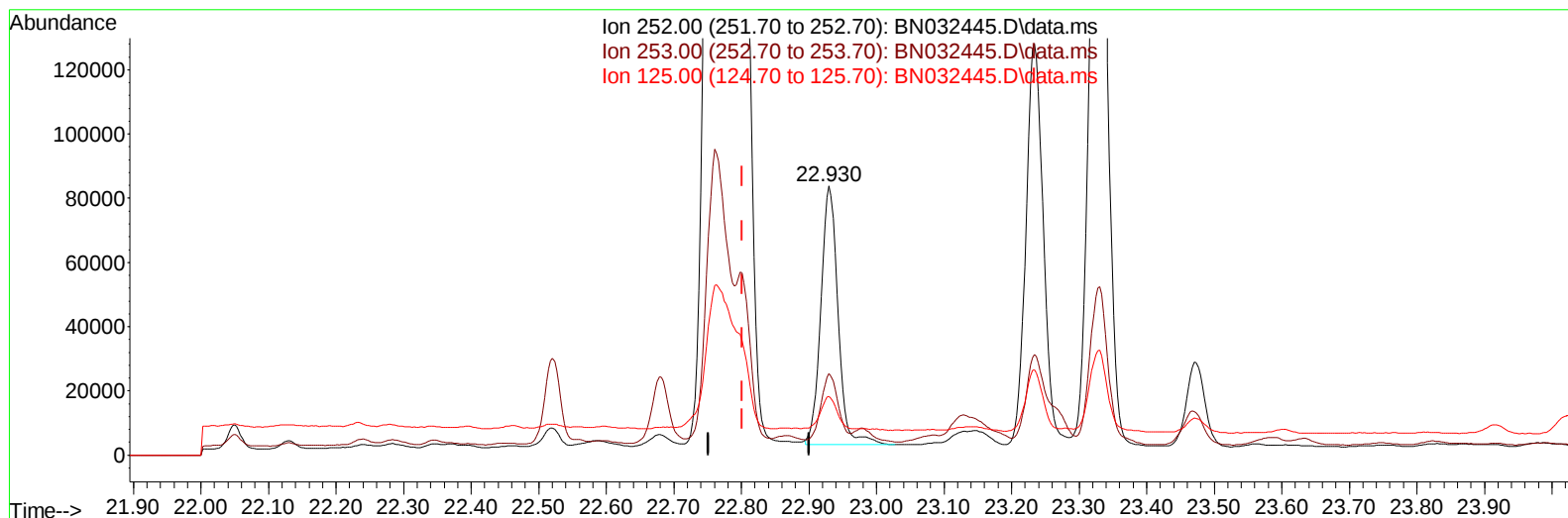
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(25) Benzo(k)fluoranthene

22.930min (+ 0.129) 1.76 ng/u1

response 142647

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	30.26
125.00	16.00	21.72#
0.00	0.00	0.00

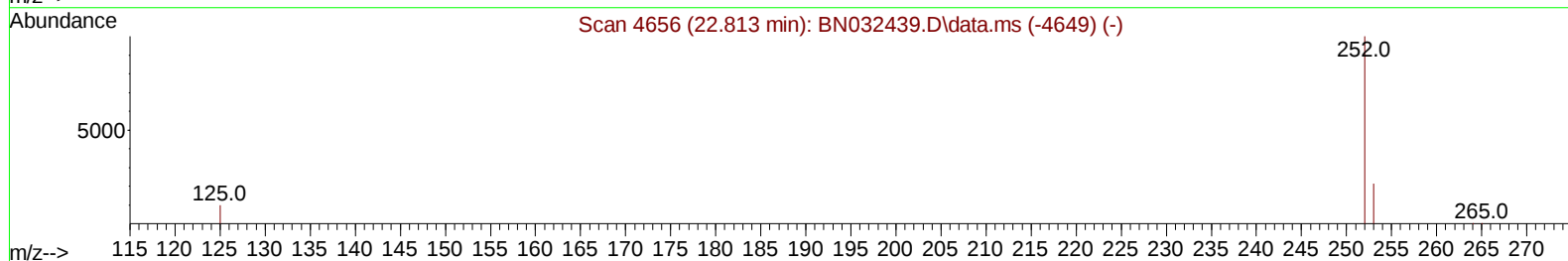
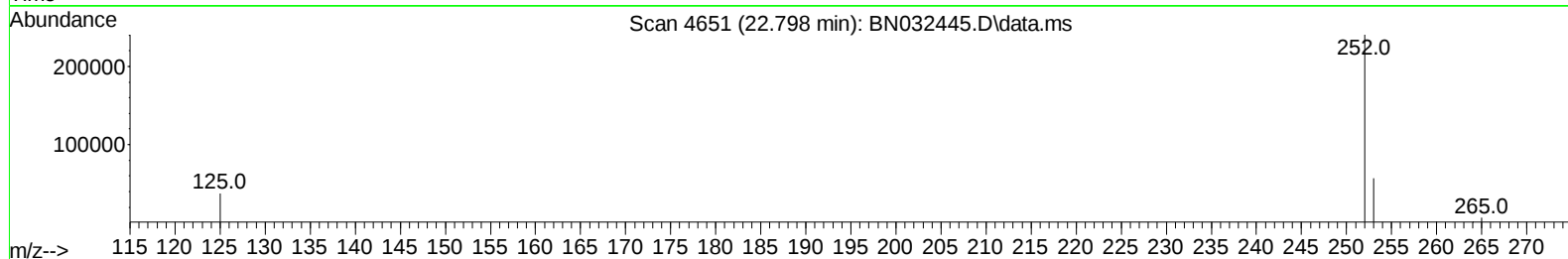
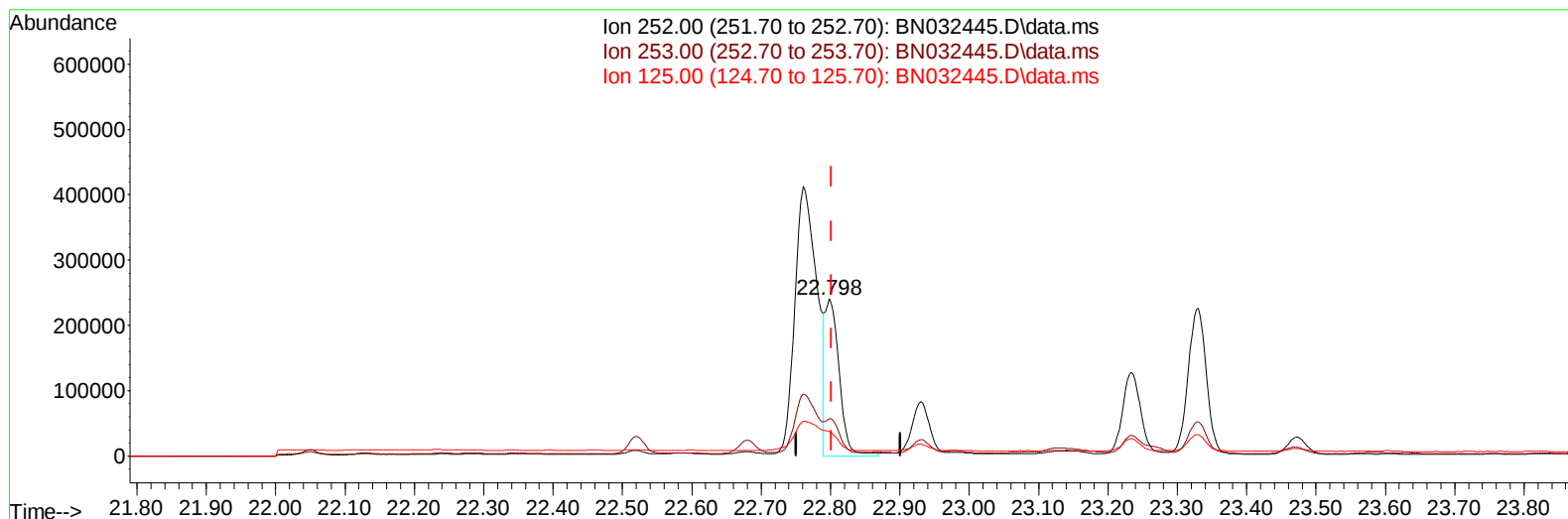
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(25) Benzo(k)fluoranthene

22.798min (-0.003) 4.18 ng/u1 m

response 339536

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.68
125.00	16.00	15.62
0.00	0.00	0.00

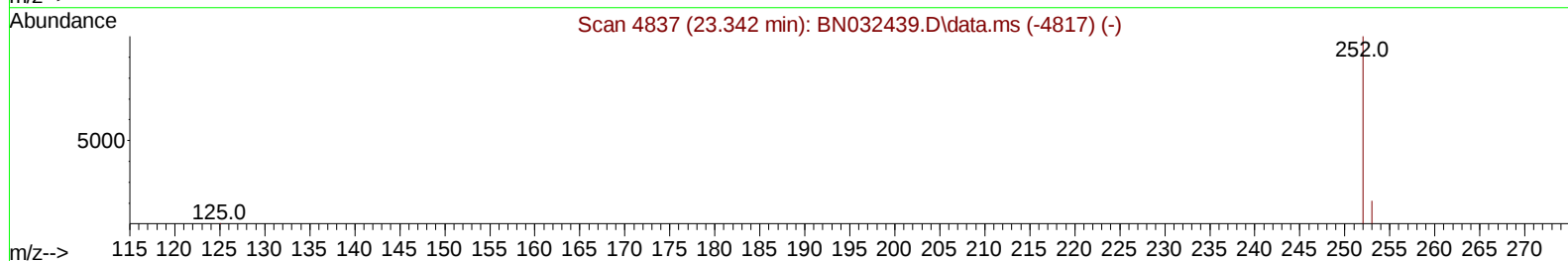
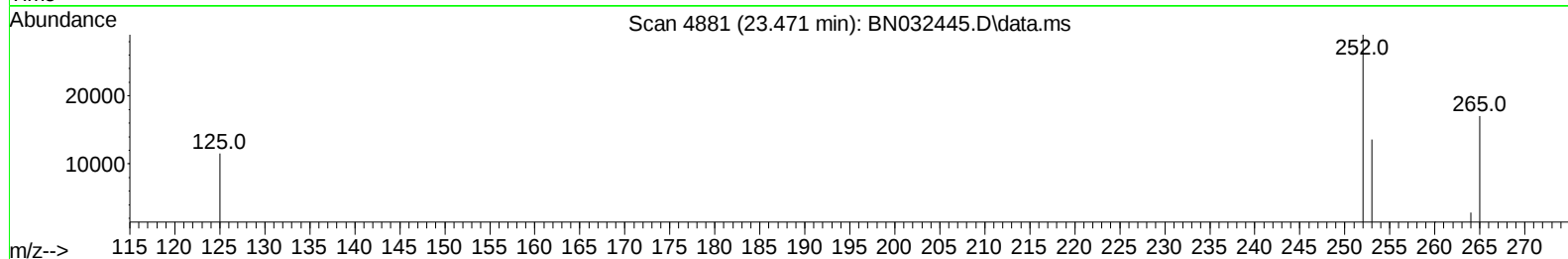
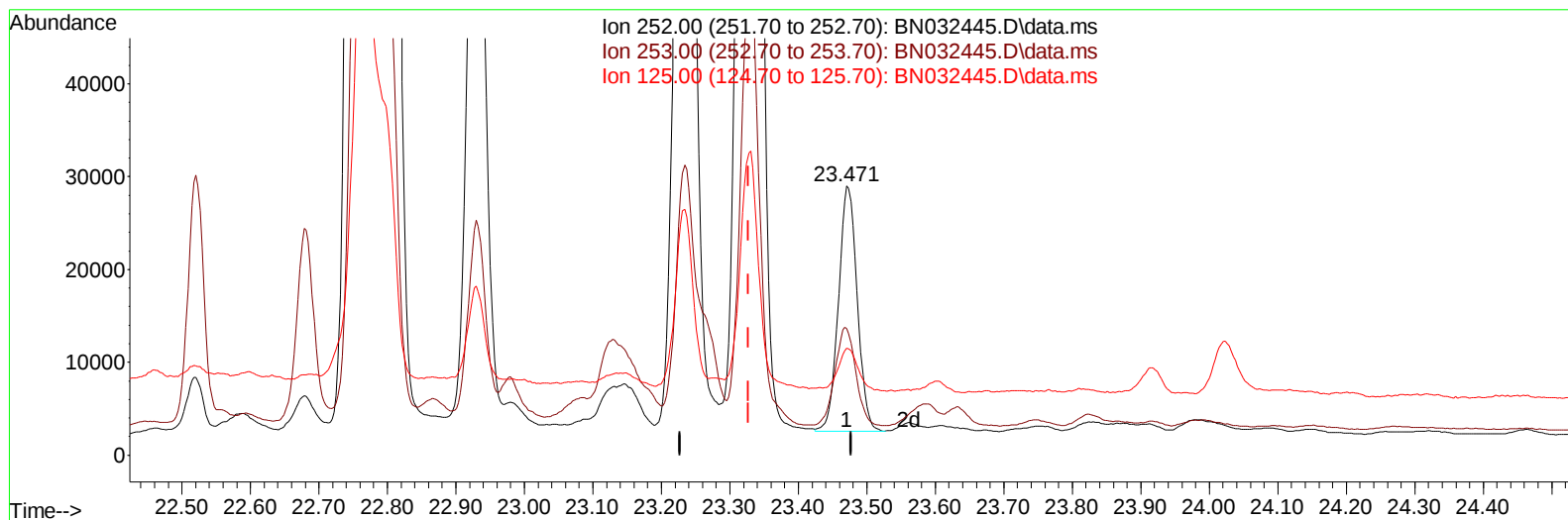
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(26) Benzo(a)pyrene (C)

23.471min (+ 0.143) 0.86 ng/u1

response 50229

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	47.03#
125.00	20.50	39.71#
0.00	0.00	0.00

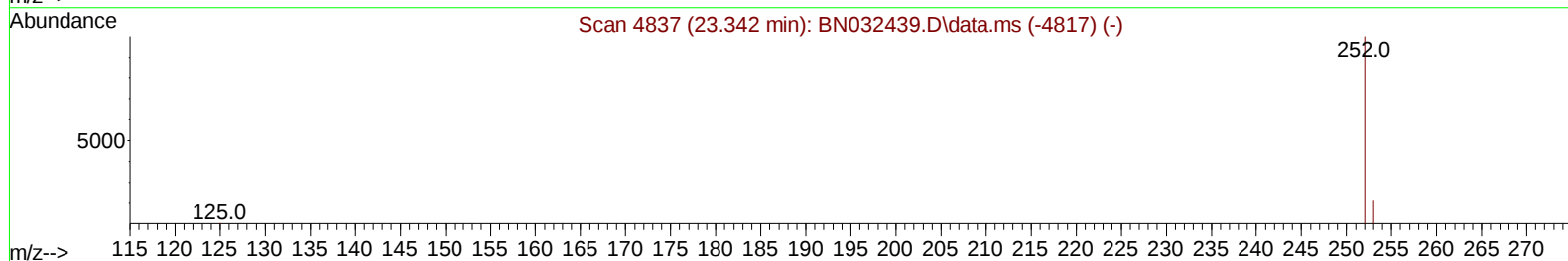
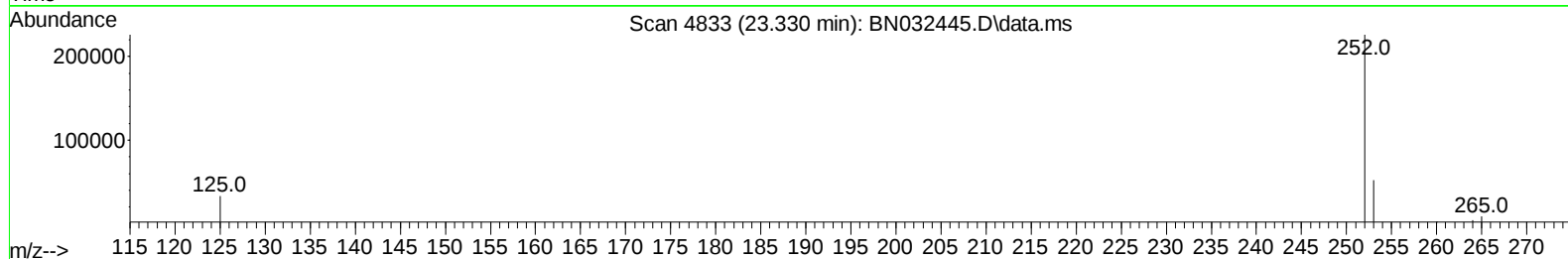
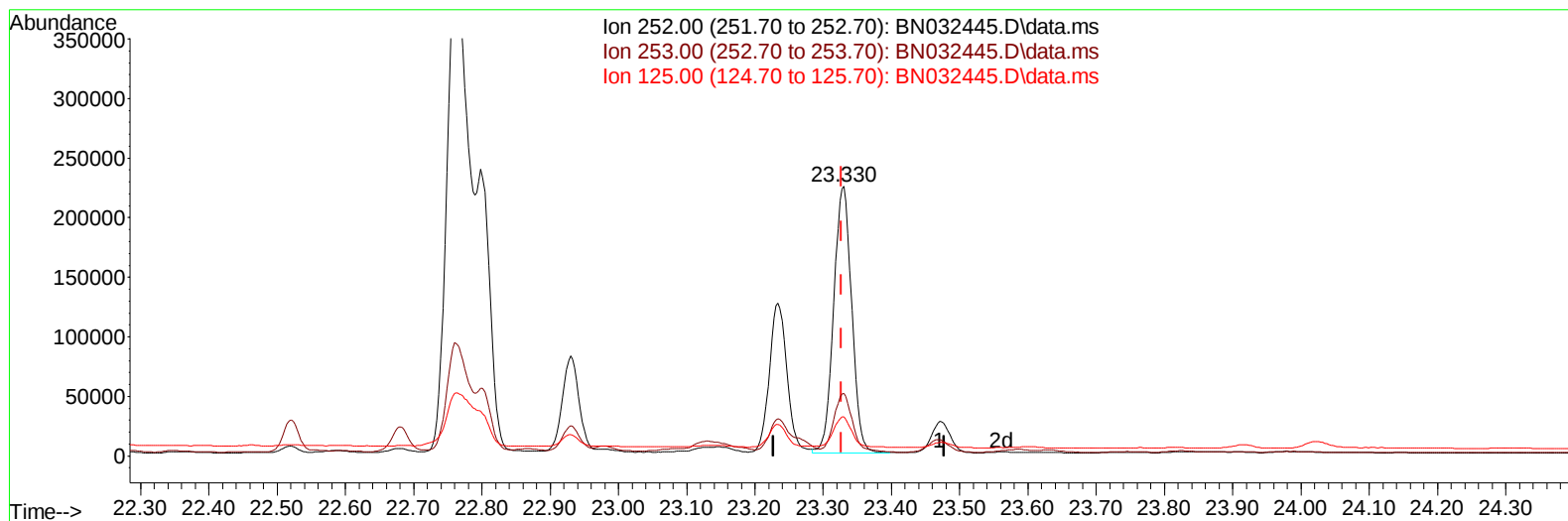
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(26) Benzo(a)pyrene (C)

23.330min (+ 0.003) 7.05 ng/u1 m

response 410215

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.16
125.00	20.50	14.49#
0.00	0.00	0.00

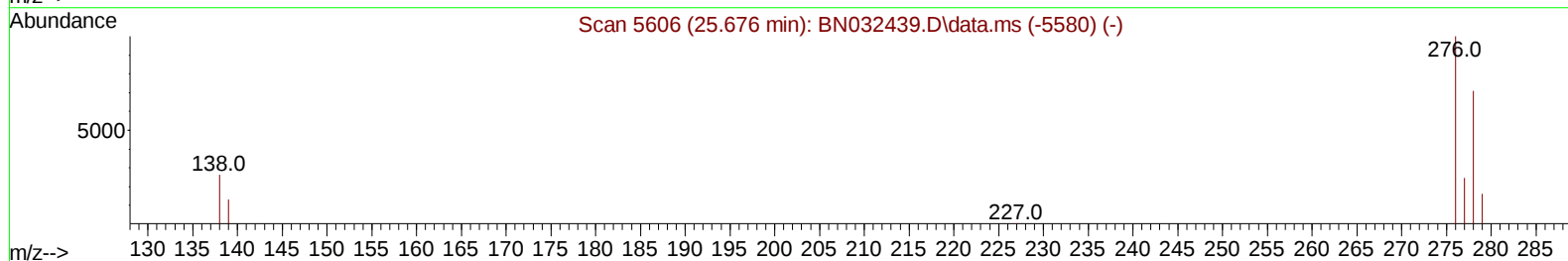
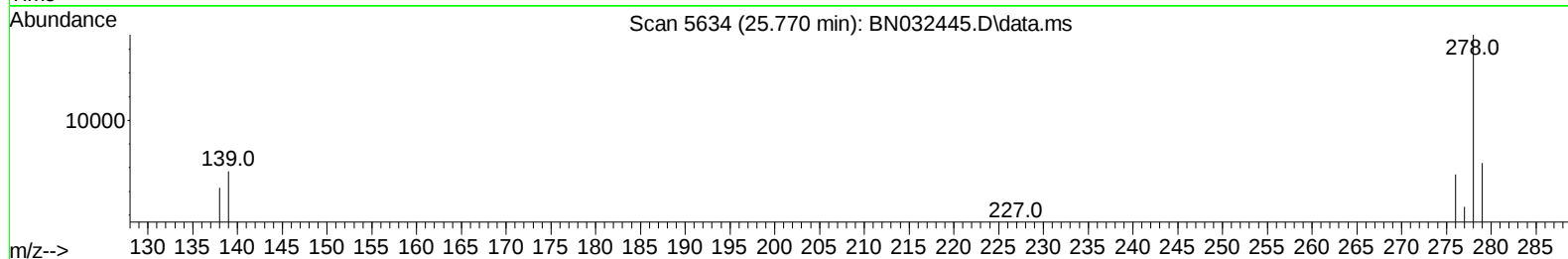
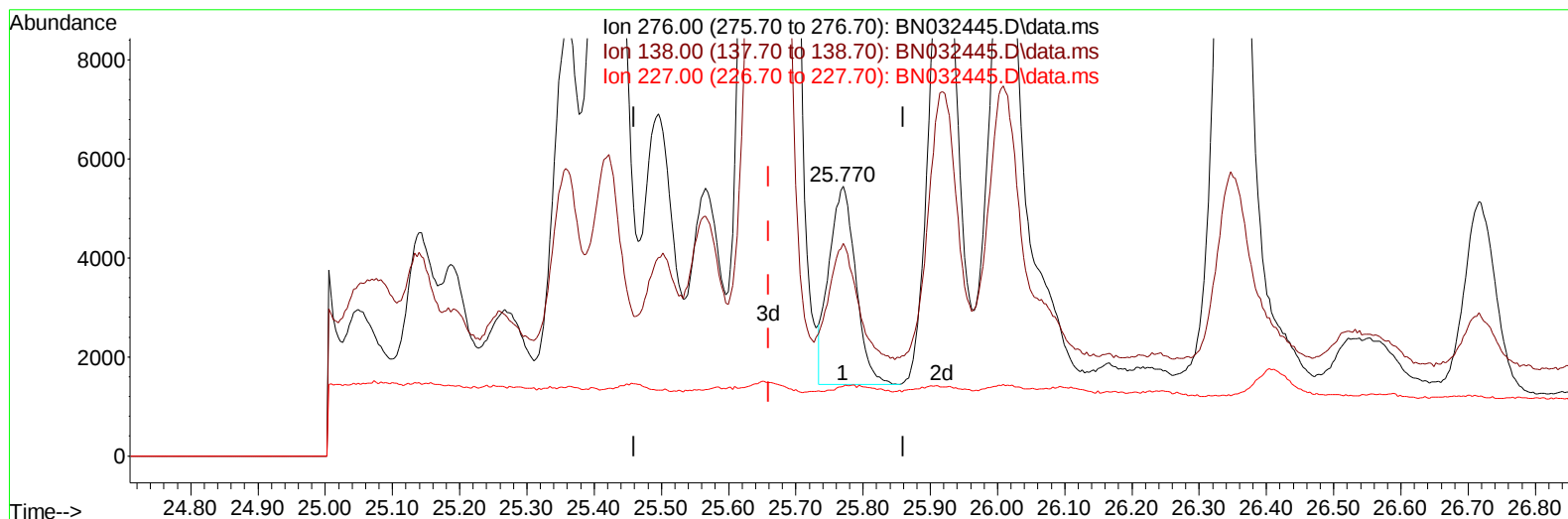
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

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

25.770min (+ 0.111) 0.12 ng/u1

response 11129

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	62.19#
227.00	0.10	4.42#
0.00	0.00	0.00

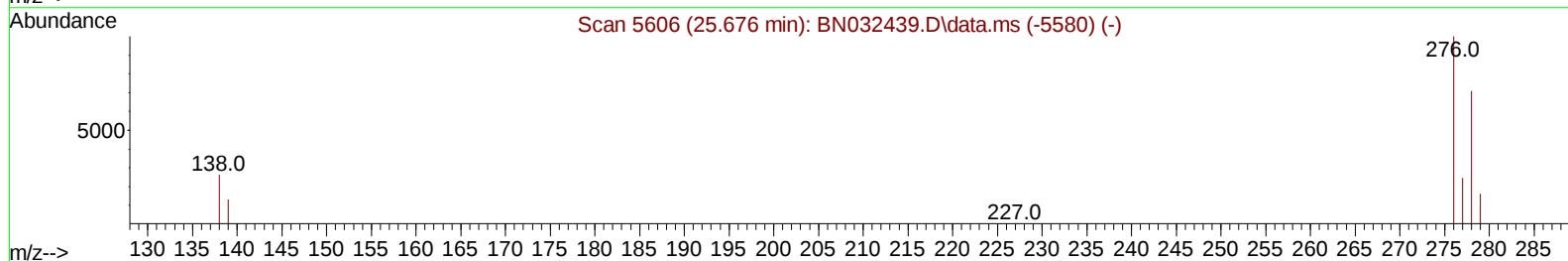
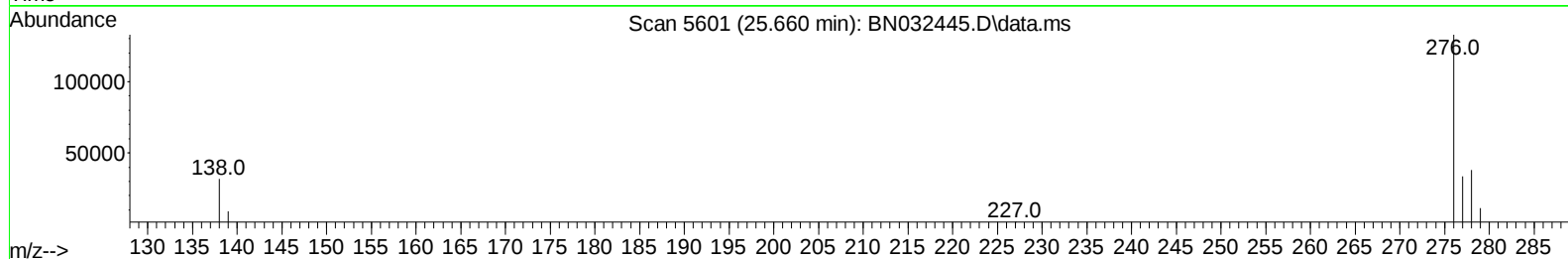
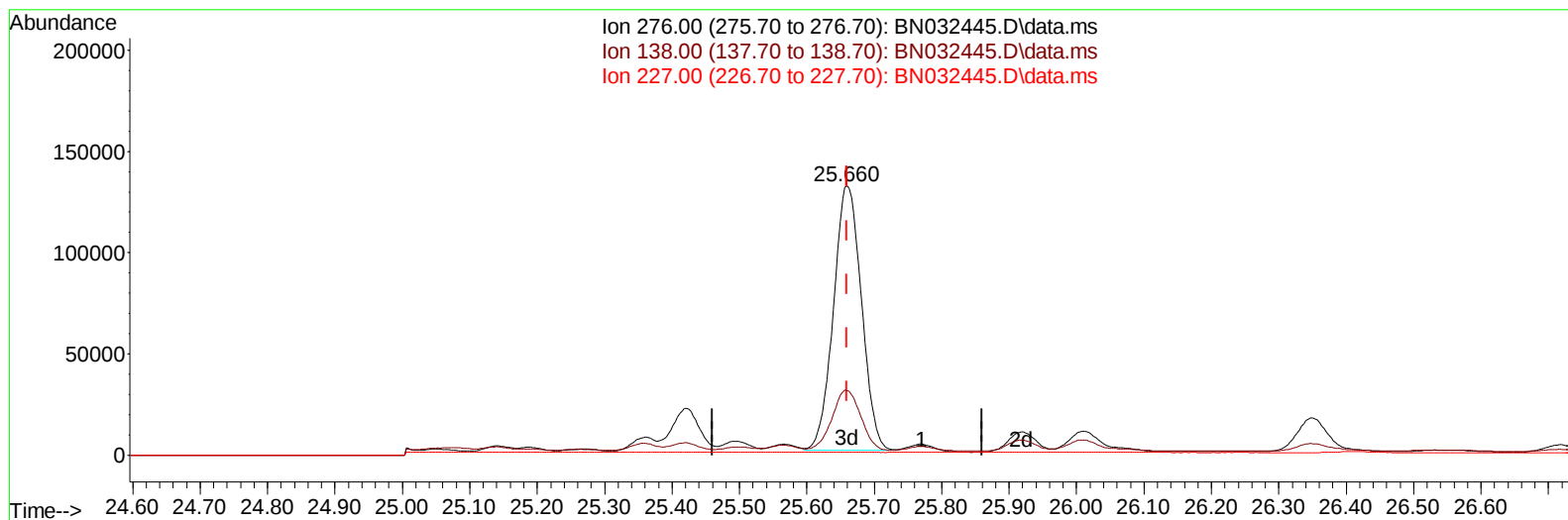
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

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

25.660min (+ 0.000) 4.12 ng/u1 m

response 375508

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	1.84#
227.00	0.10	0.13#
0.00	0.00	0.00

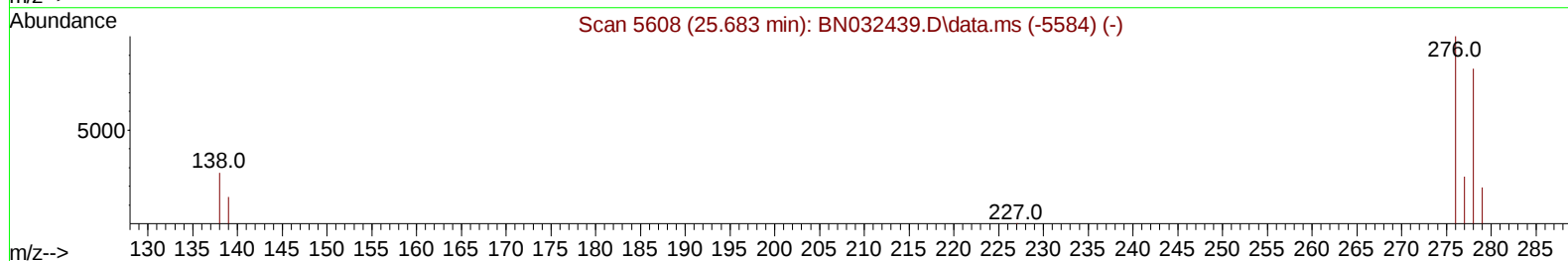
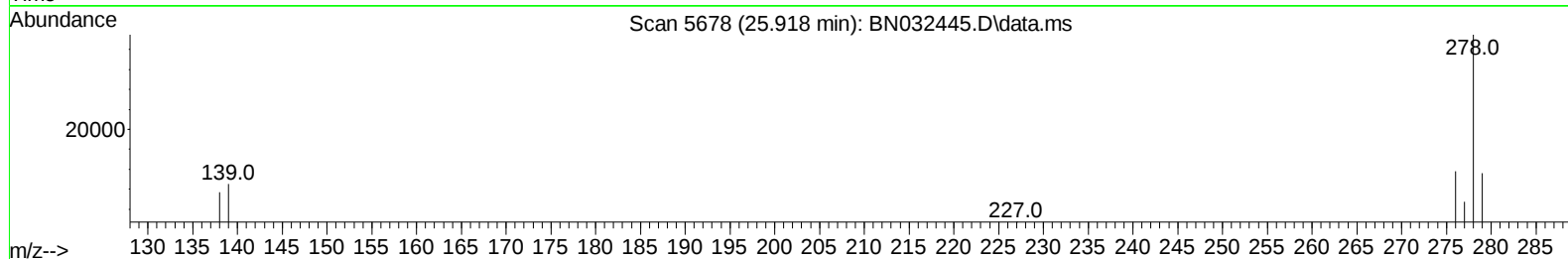
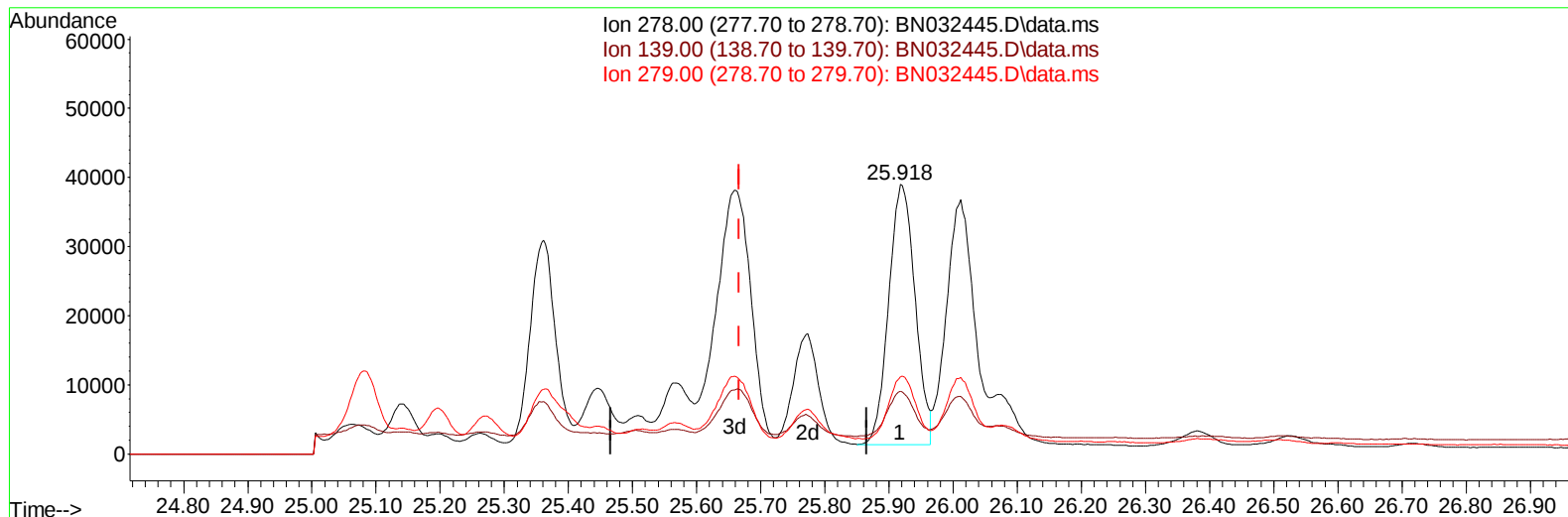
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(28) Dibenzo(a,h)anthracene

25.918min (+ 0.252) 1.59 ng/u1

response 107559

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	23.14
279.00	26.40	28.63
0.00	0.00	0.00

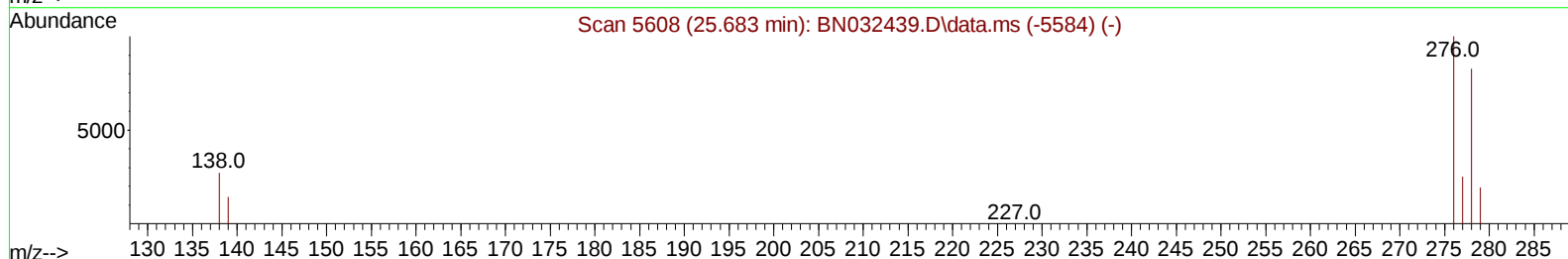
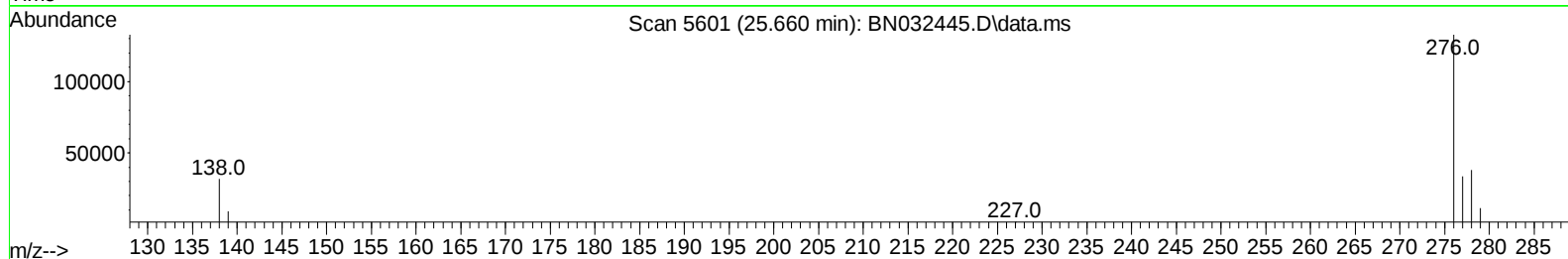
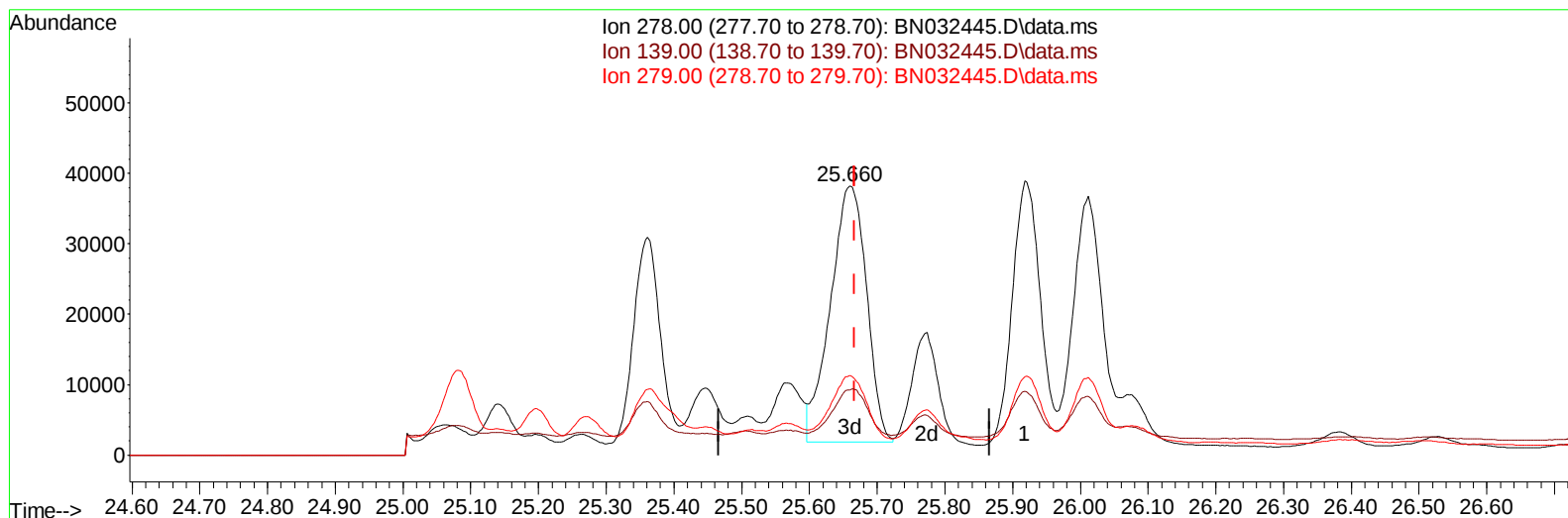
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

(28) Dibenzo(a,h)anthracene

25.660min (-0.007) 1.99 ng/u1 m

response 134854

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	24.18#
279.00	26.40	29.55
0.00	0.00	0.00

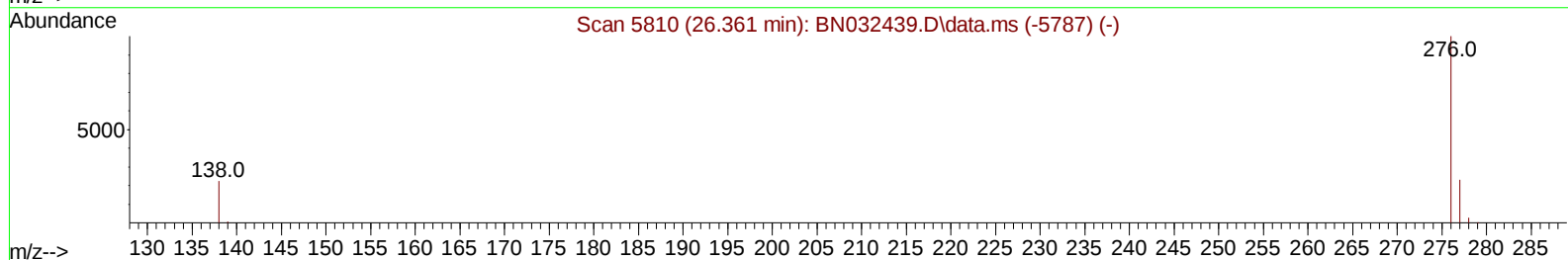
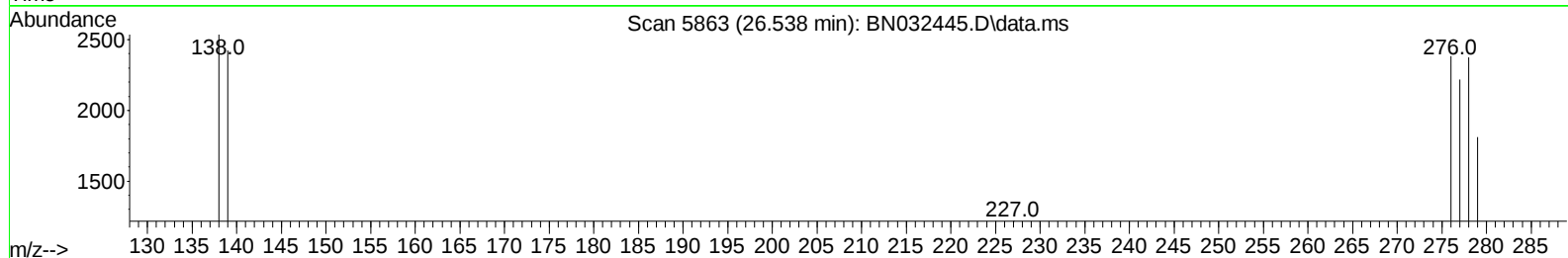
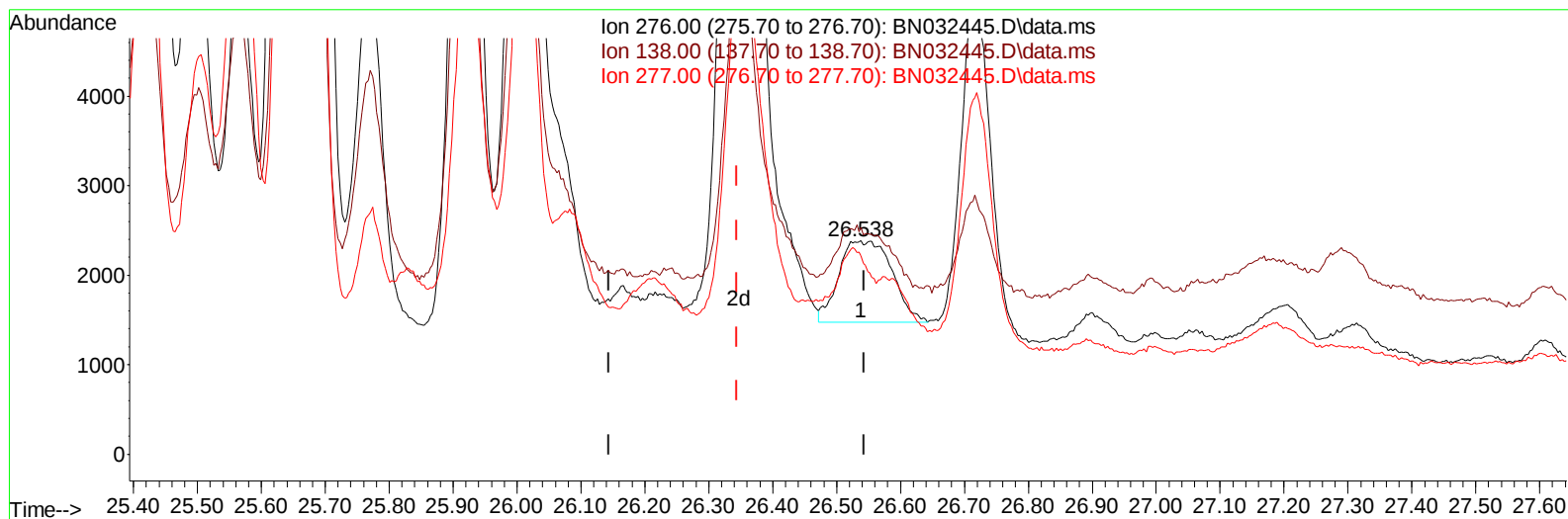
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

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

26.538min (+ 0.195) 0.07 ng/u1

response 5212

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	106.42#
277.00	24.70	93.12#
0.00	0.00	0.00

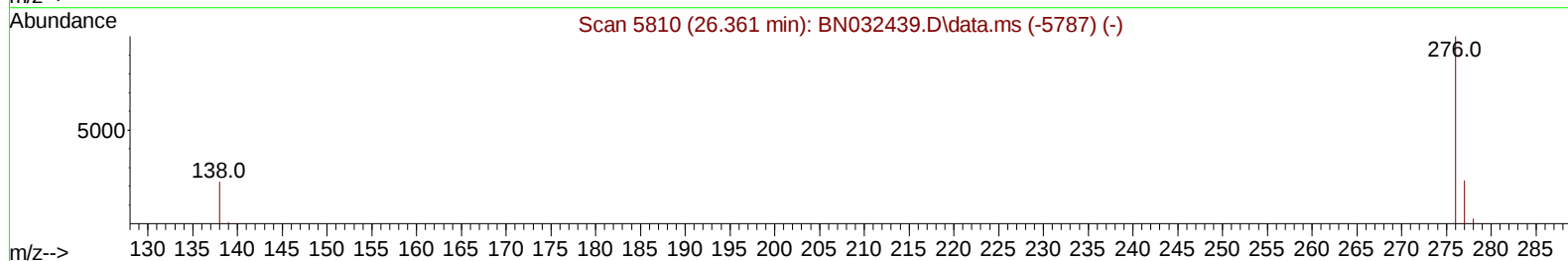
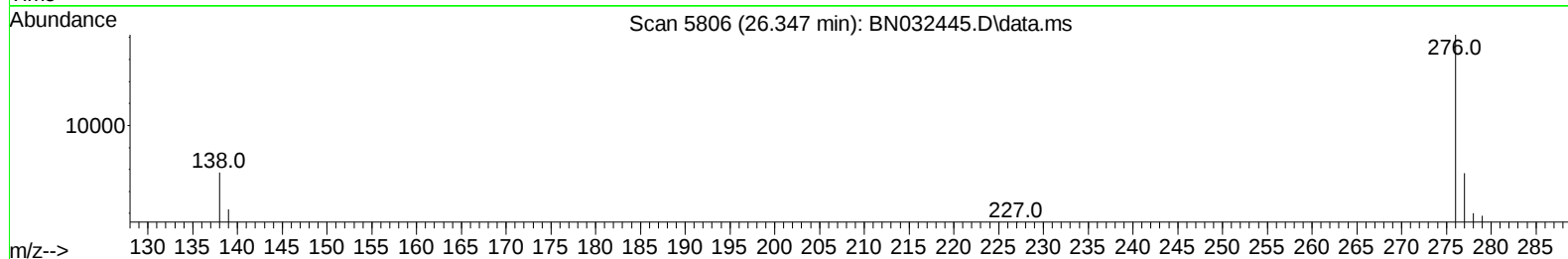
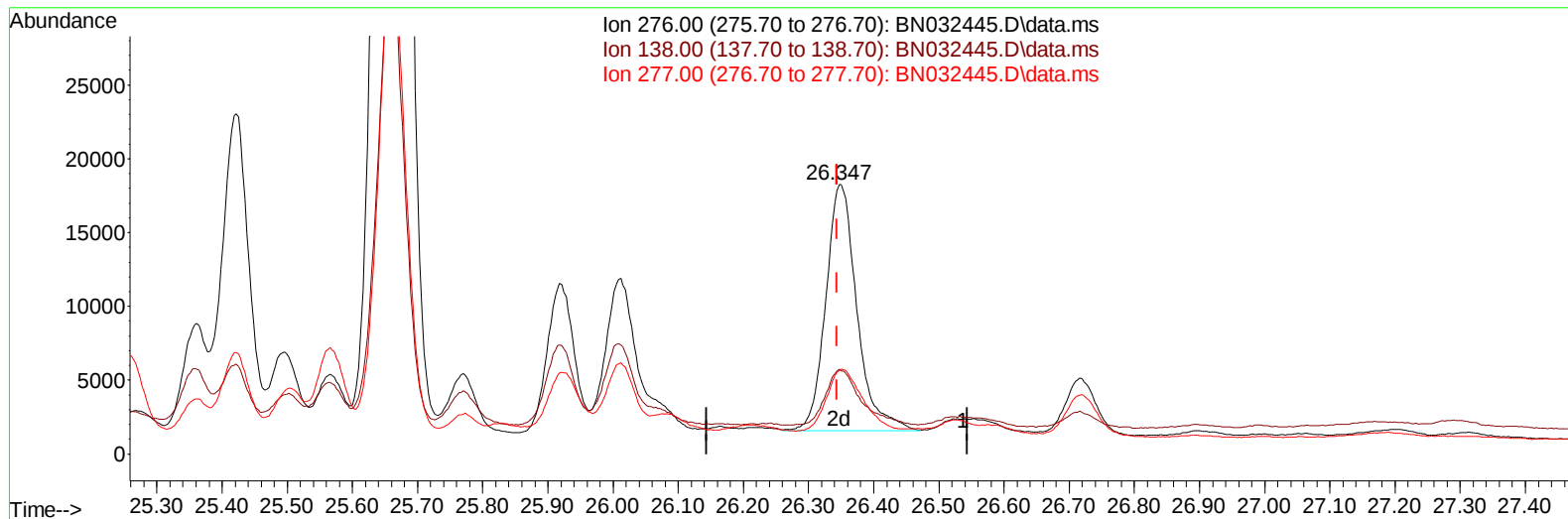
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032445.D\data.ms

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

26.347min (+ 0.003) 0.76 ng/ul m

response 55521

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	31.43#
277.00	24.70	31.07#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032445.D
 Acq On : 03 Jul 2024 20:35
 Operator : MA/JU
 Sample : P2963-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 23:50:01 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	6633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	19832	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	11436	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	20118m	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	13633m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	19255m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	25932	3.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	7210	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	12906m	0.315	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.426	128	178642	3.404	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	43453	1.249	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	27078	0.751	ng/ul	100
10) Acenaphthylene	13.971	152	68861	1.448	ng/ul	99
11) Acenaphthene	14.313	153	66590	1.804	ng/ul	98
12) Fluorene	15.303	166	74298	1.689	ng/ul	99
15) Phenanthrene	17.046	178	1181765m	21.426	ng/ul	
16) Anthracene	17.138	178	209834m	4.265	ng/ul	
19) Fluoranthene	19.073	202	1449363m	27.919	ng/ul	
20) Pyrene	19.440	202	1090436m	20.100	ng/ul	
21) Benzo(a)anthracene	21.194	228	659815m	13.409	ng/ul	
22) Chrysene	21.247	228	715026m	13.240	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	919464m	10.991	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	339536m	4.177	ng/ul	
26) Benzo(a)pyrene	23.330	252	410215m	7.048	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	375508m	4.120	ng/ul	
28) Dibenzo(a,h)anthracene	25.660	278	134854m	1.992	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	55521m	0.765	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:50:01 2024
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