

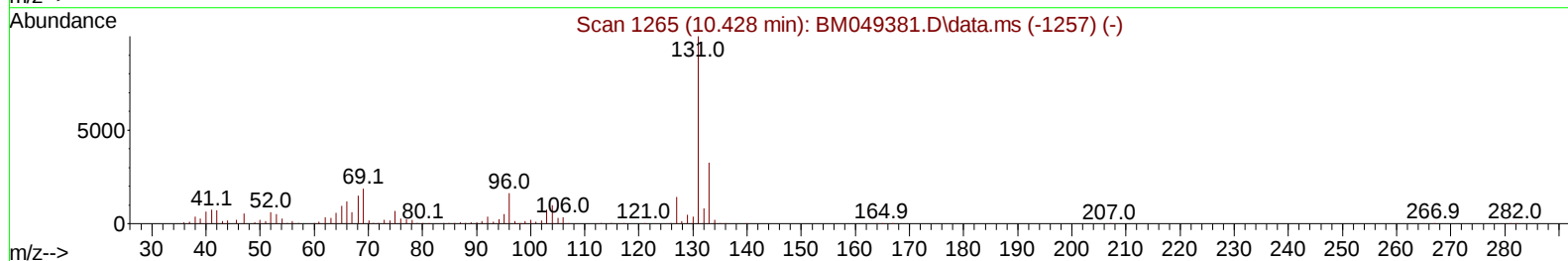
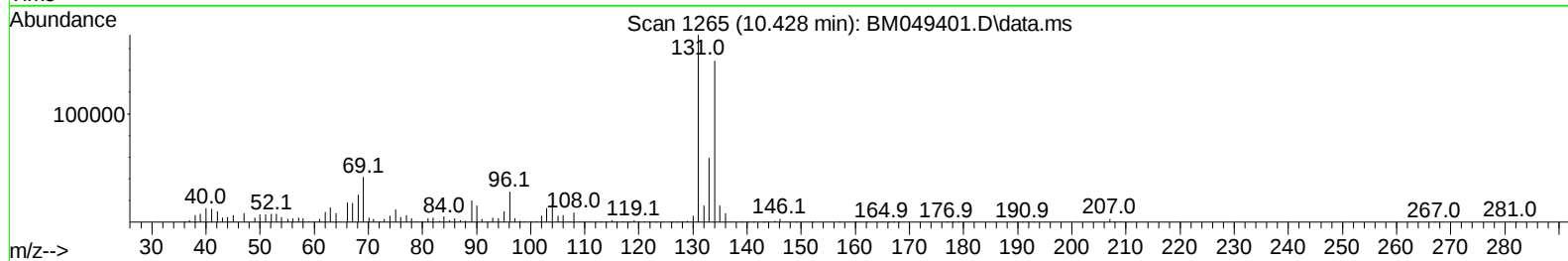
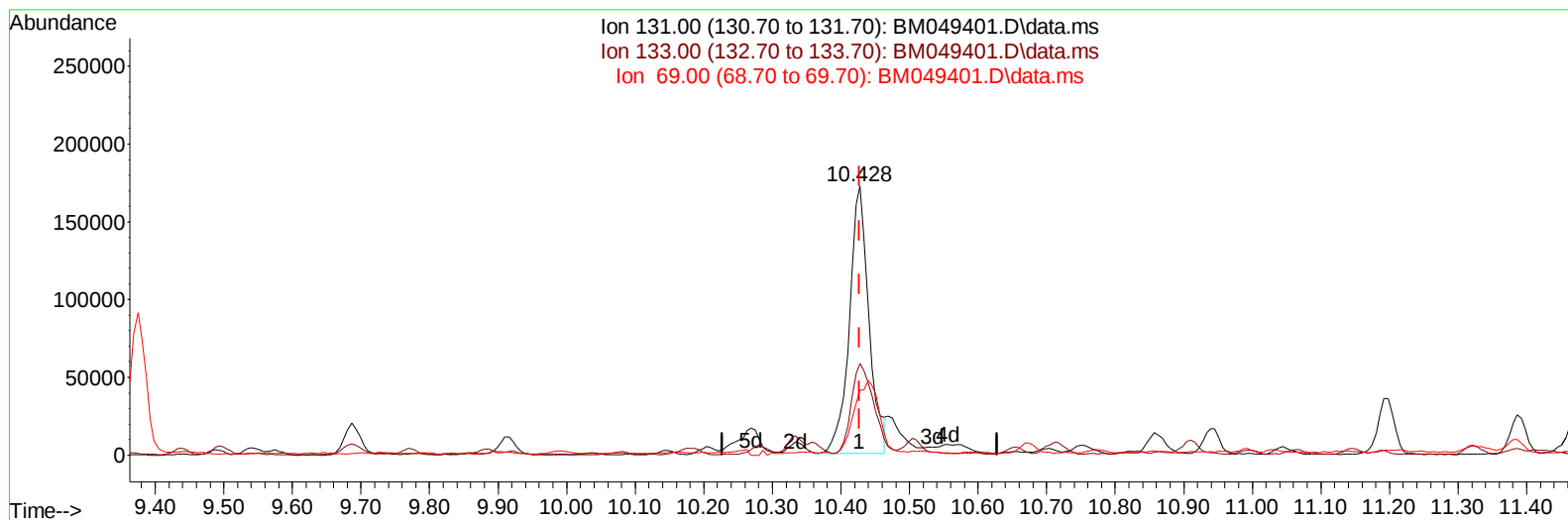
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:50:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.428min (+ 0.000) 10.78 ng/u1

response 340919

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.10	34.17
69.00	19.00	24.13#
0.00	0.00	0.00

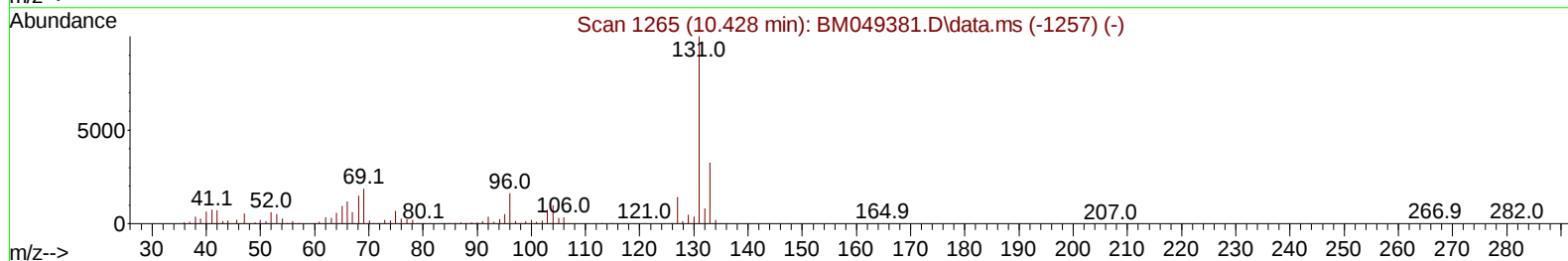
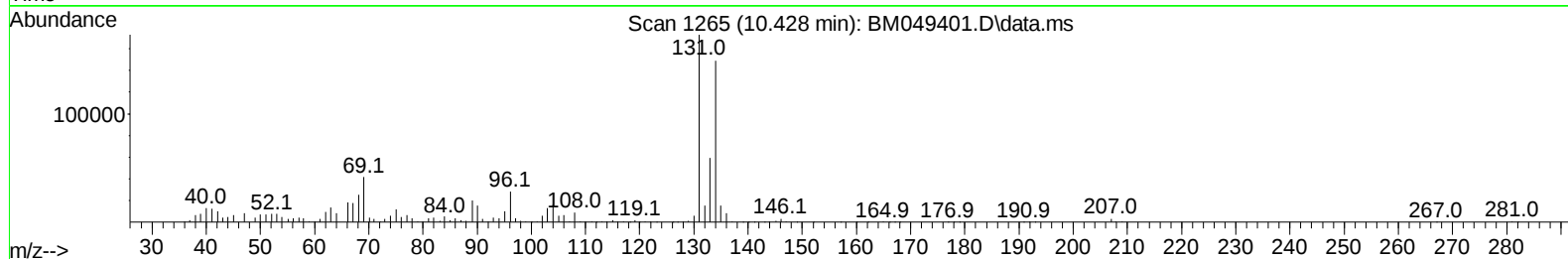
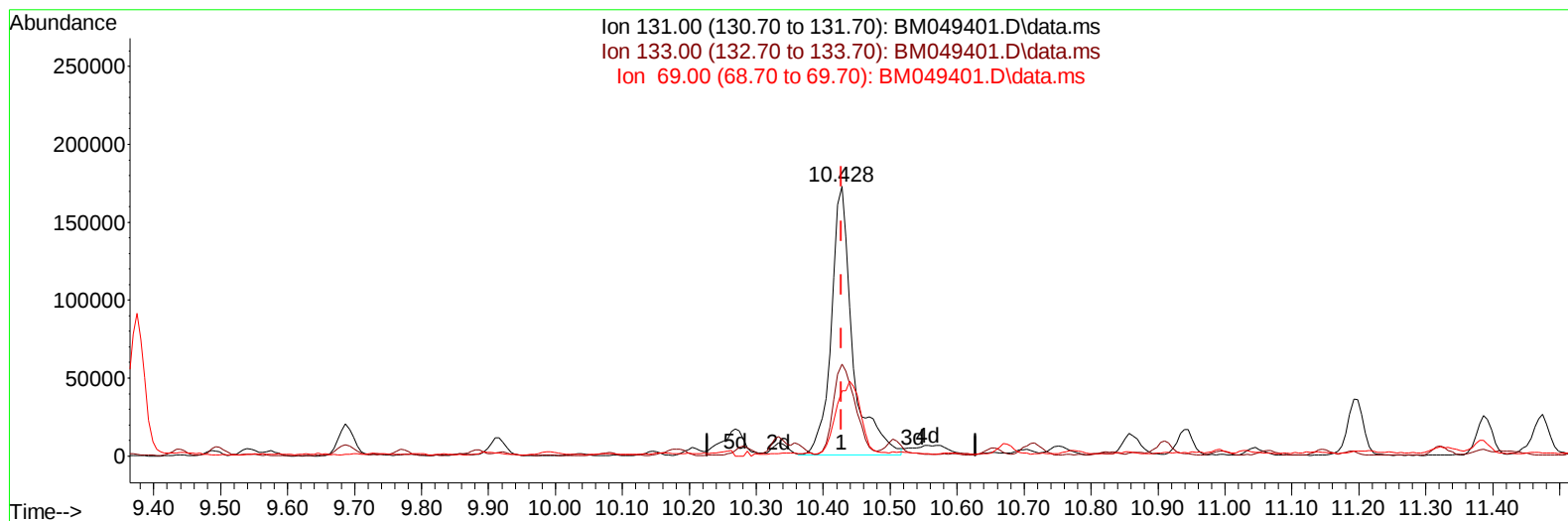
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:50:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.428min (+ 0.000) 12.05 ng/ul m

response 381025

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.10	34.17
69.00	19.00	24.13#
0.00	0.00	0.00

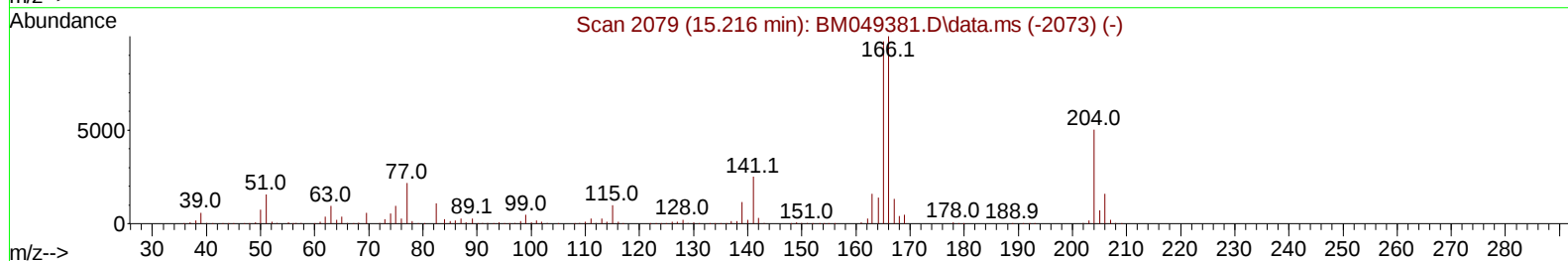
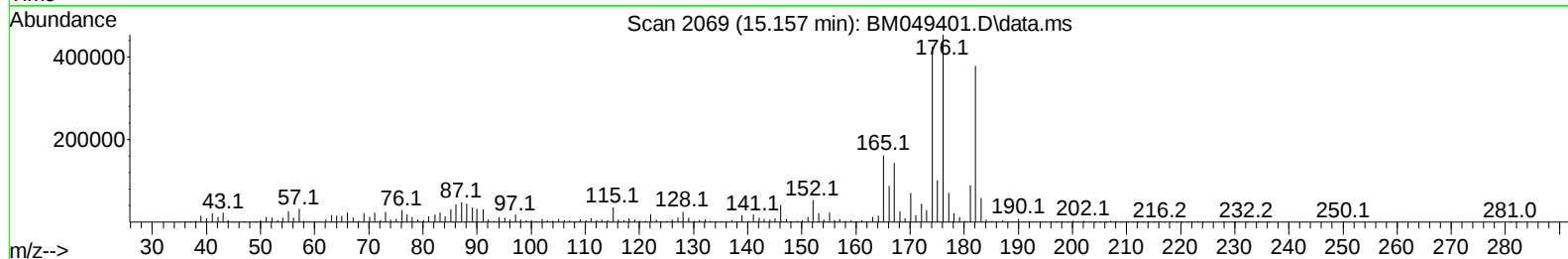
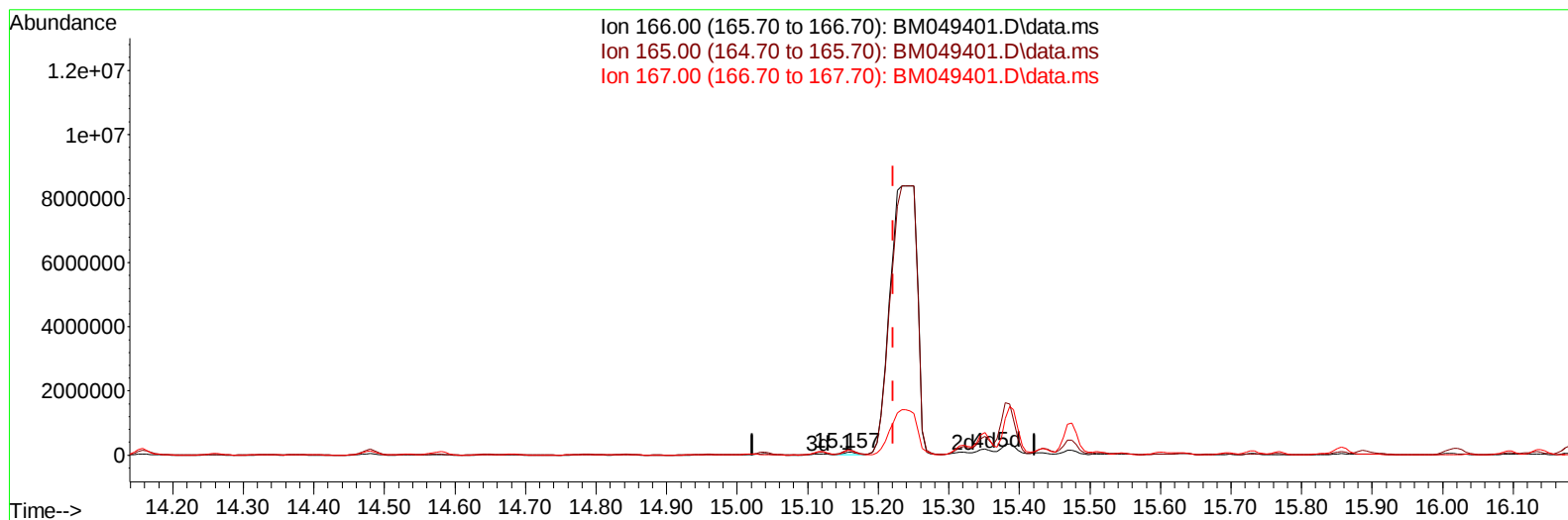
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:50:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(61) Fluorene

15.157min (-0.065) 1.69 ng/u1

response 100998

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	97.10	183.99#
167.00	13.40	162.78#
0.00	0.00	0.00

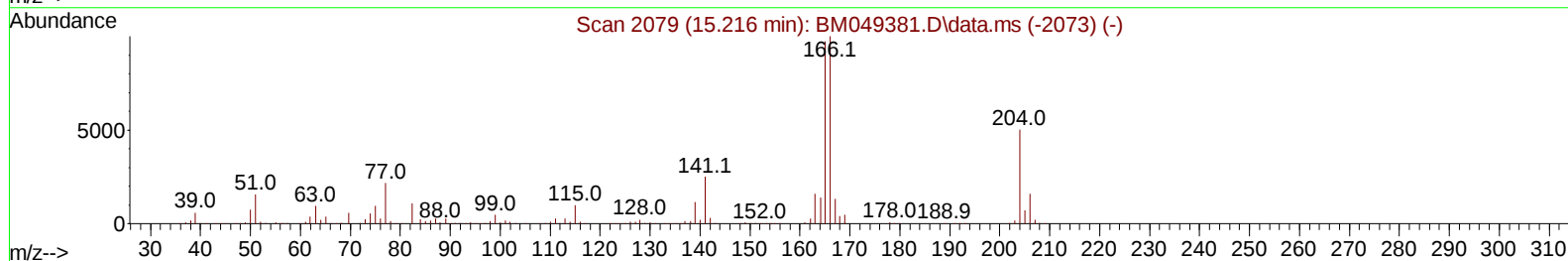
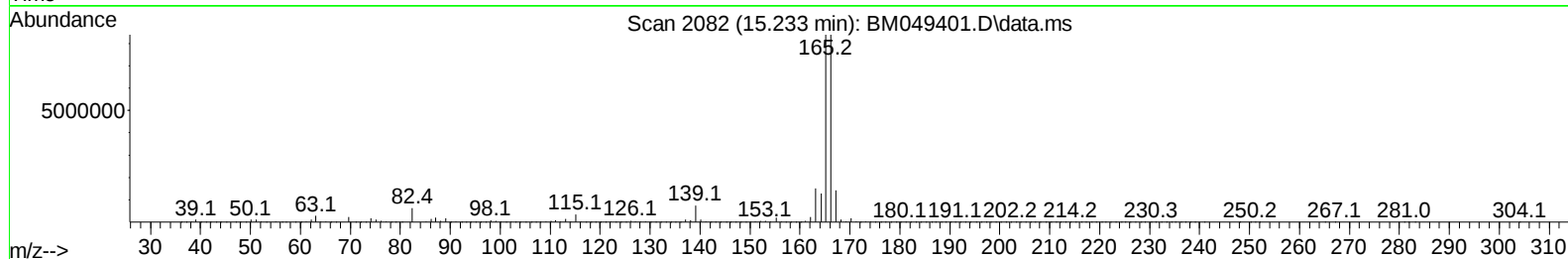
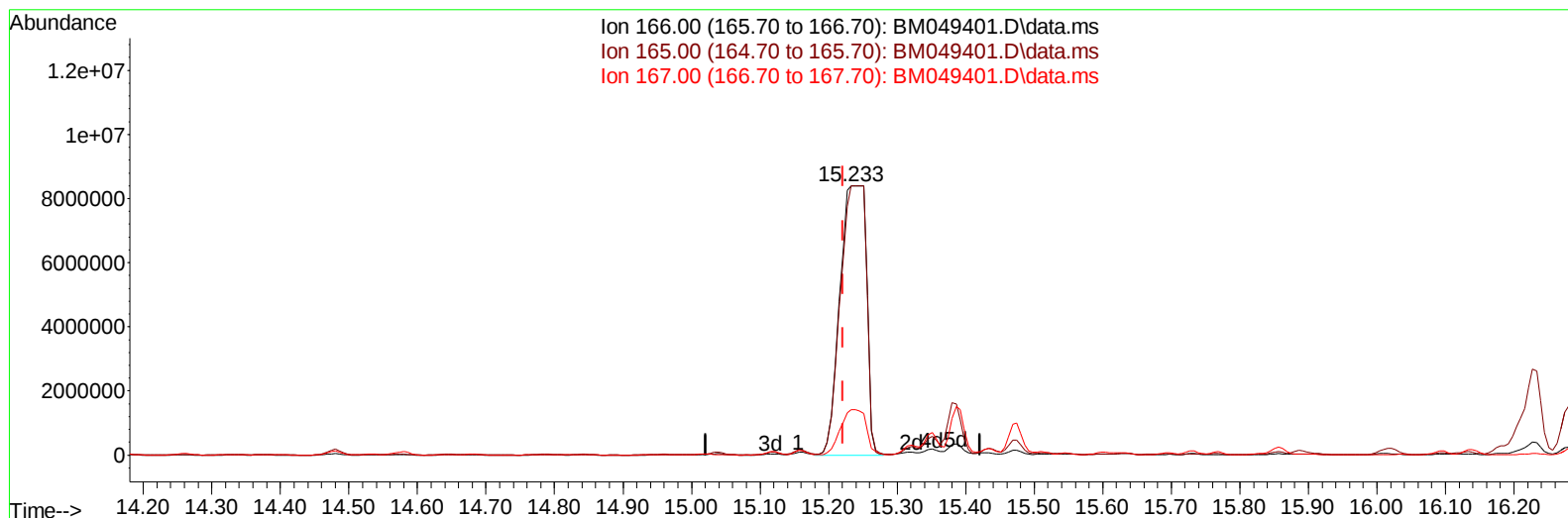
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:50:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(61) Fluorene

15.233min (+ 0.012) 375.49 ng/u1 m

response 22422596

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	97.10	100.00
167.00	13.40	16.90#
0.00	0.00	0.00

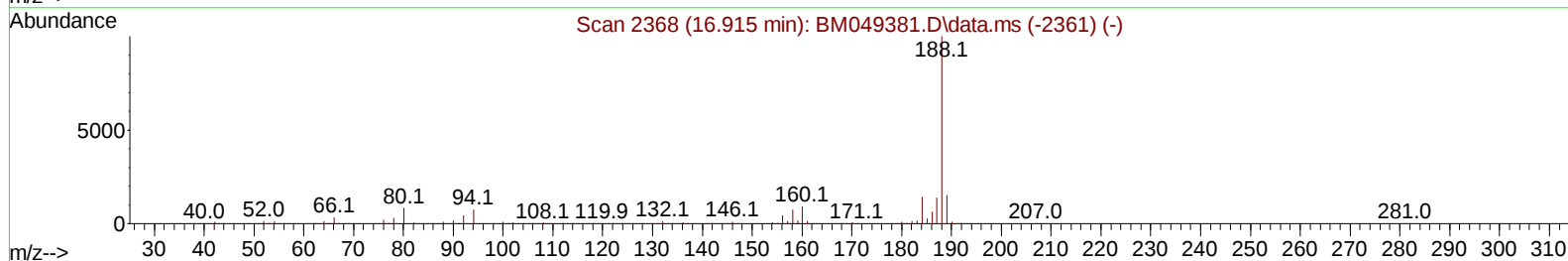
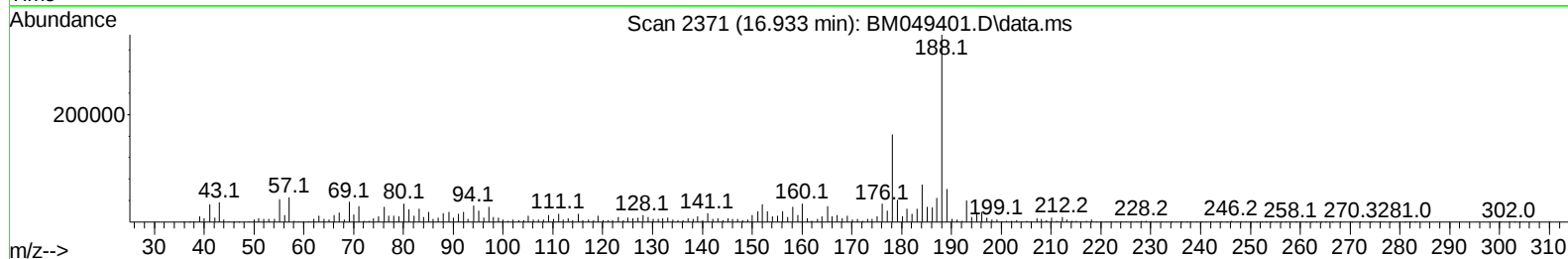
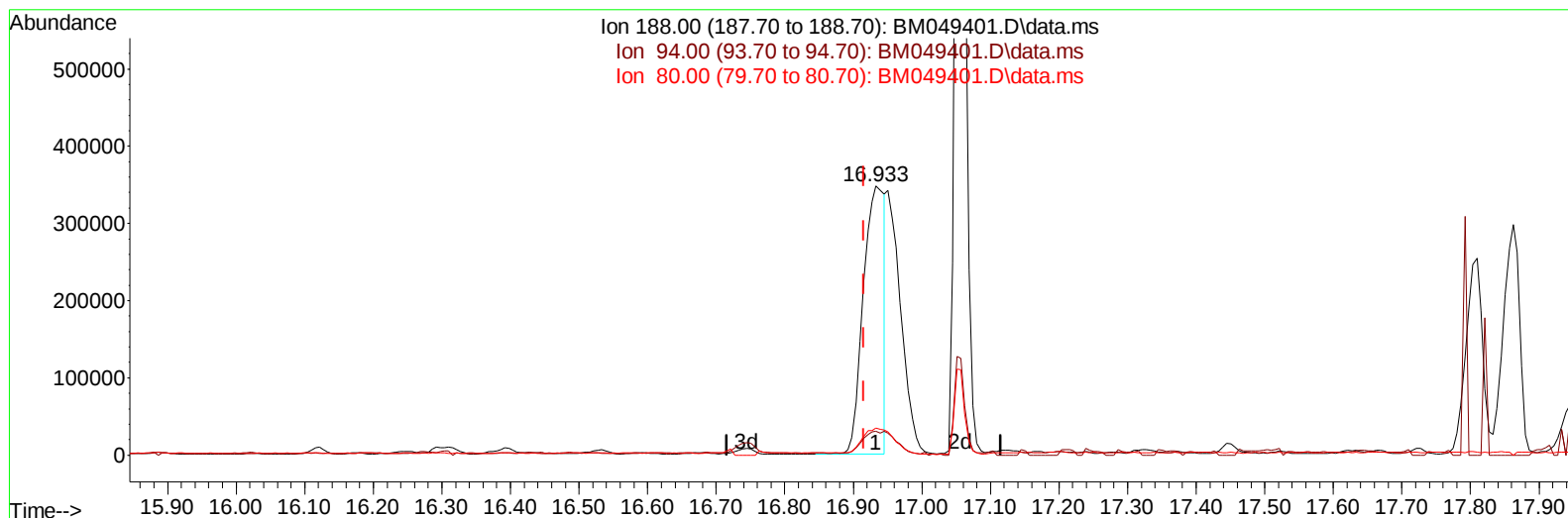
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:50:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(64) Phenanthrene-d10 (I)

16.933min (+ 0.018) 20.00 ng/u1

response 746438

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.70	8.84
80.00	9.00	9.96
0.00	0.00	0.00

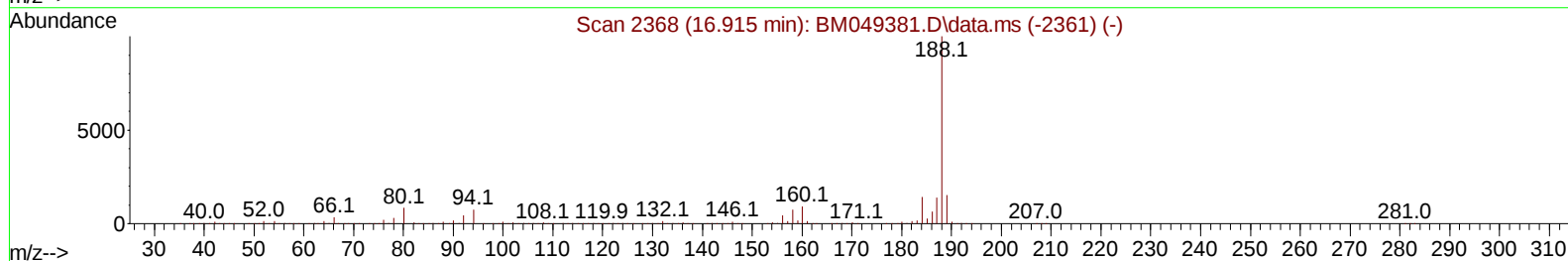
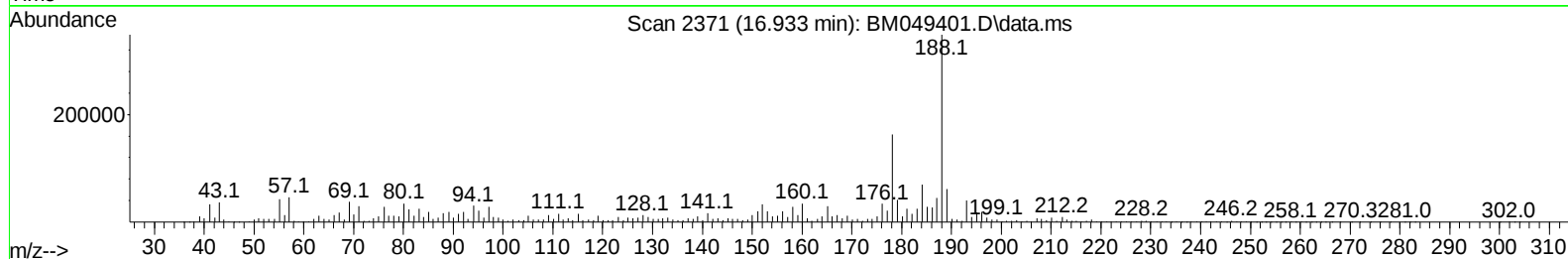
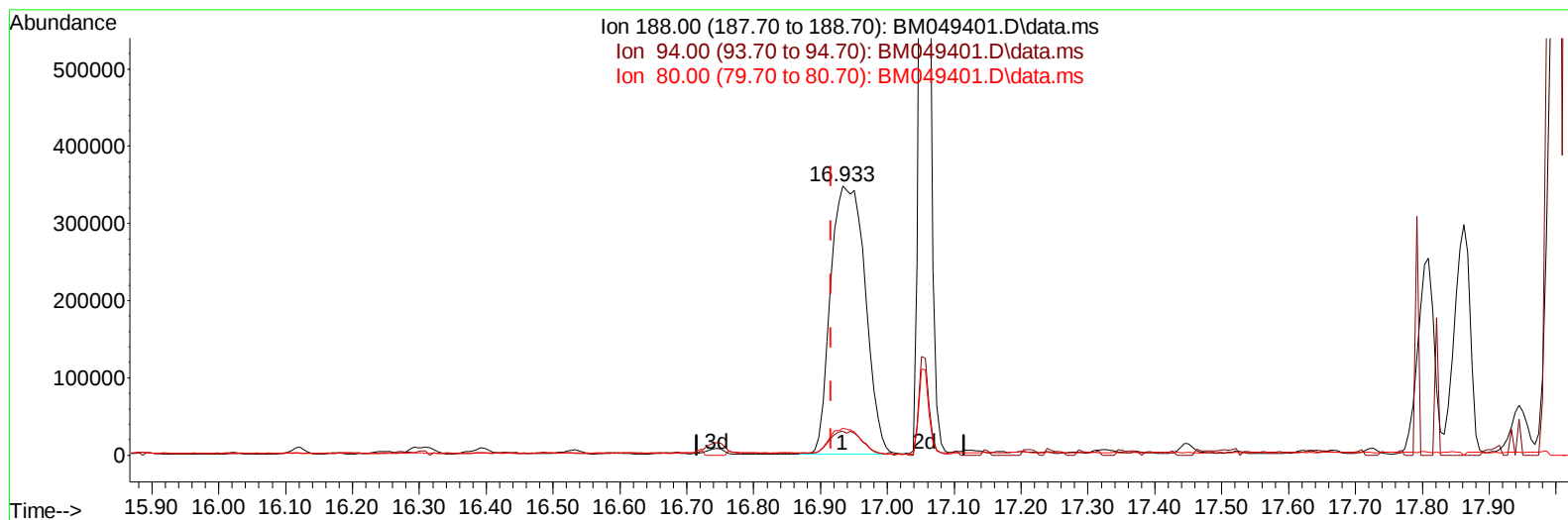
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:50:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(64) Phenanthrene-d10 (I)

16.933min (+ 0.018) 20.00 ng/ul m

response 1244600

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.70	8.84
80.00	9.00	9.96
0.00	0.00	0.00

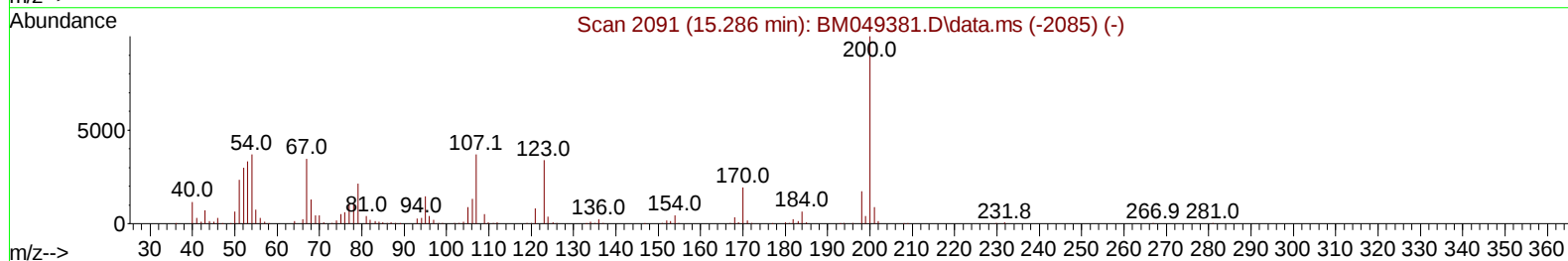
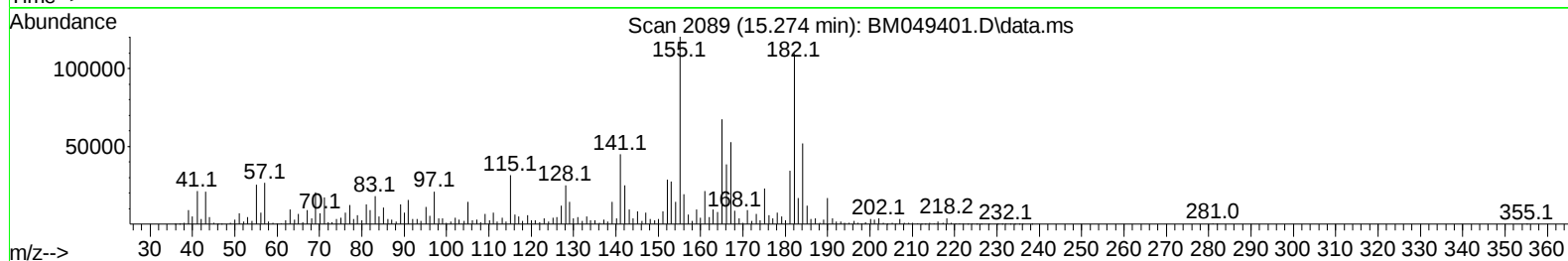
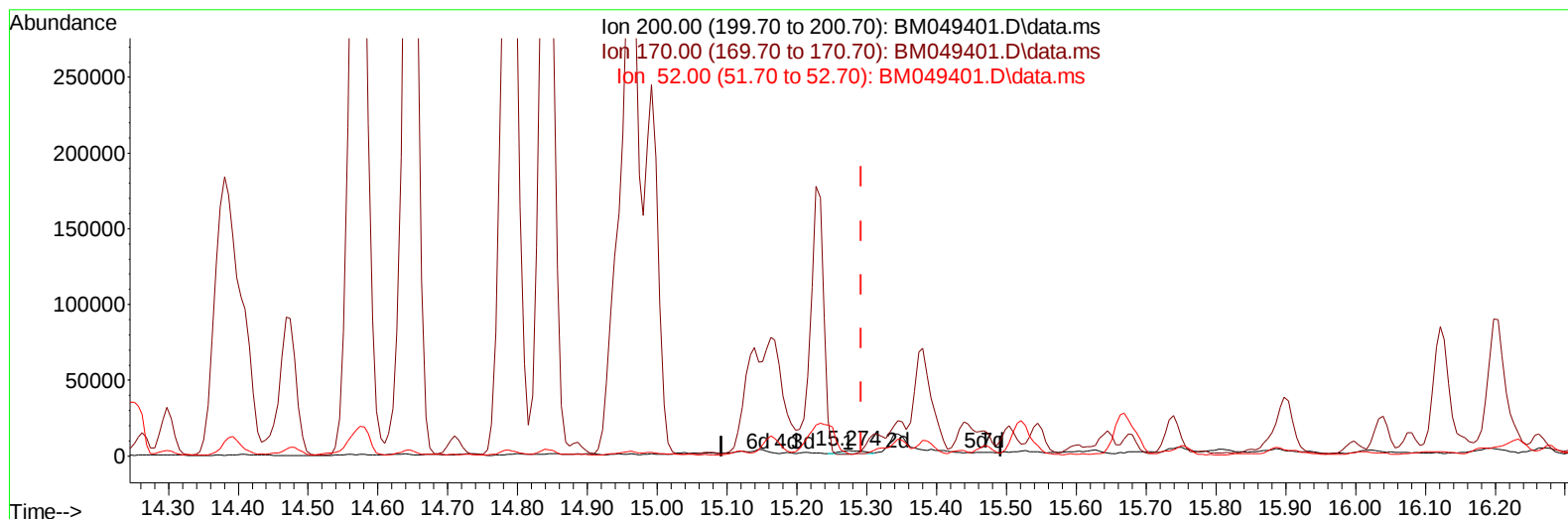
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:52:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.274min (-0.018) 0.61 ng/u1

response 4868

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.60	30.48#
52.00	39.00	47.48#
0.00	0.00	0.00

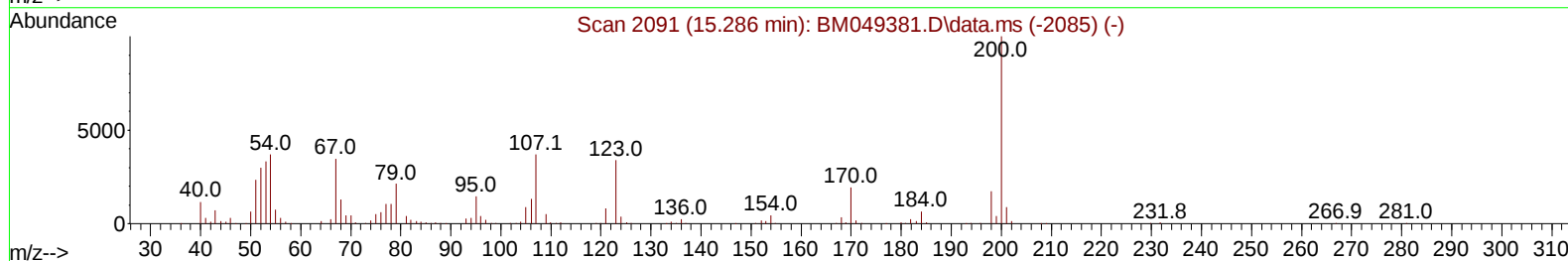
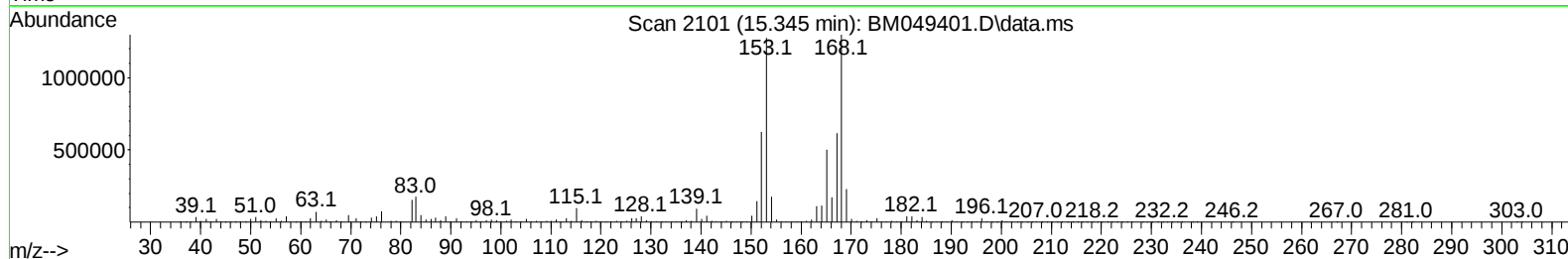
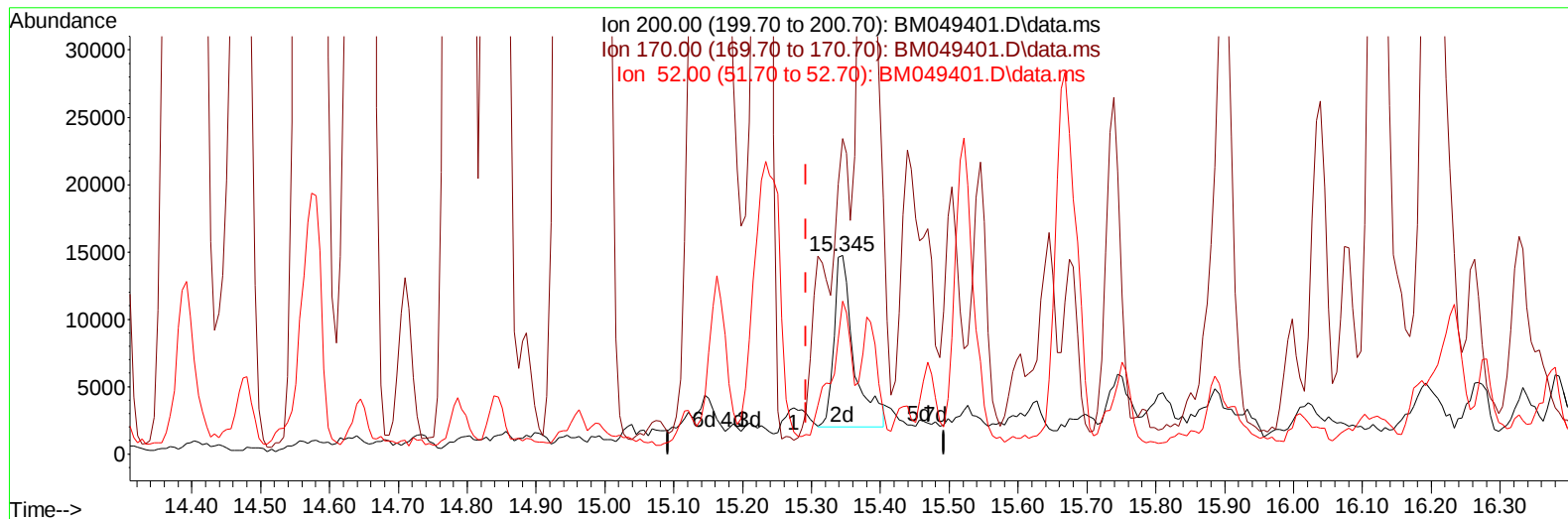
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:52:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.345min (+ 0.053) 3.26 ng/ul m

response 25884

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.60	159.08#
52.00	39.00	77.05#
0.00	0.00	0.00

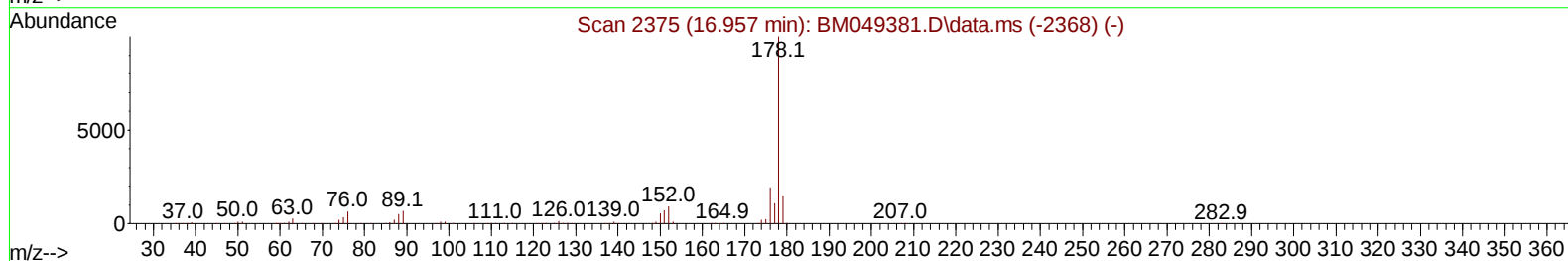
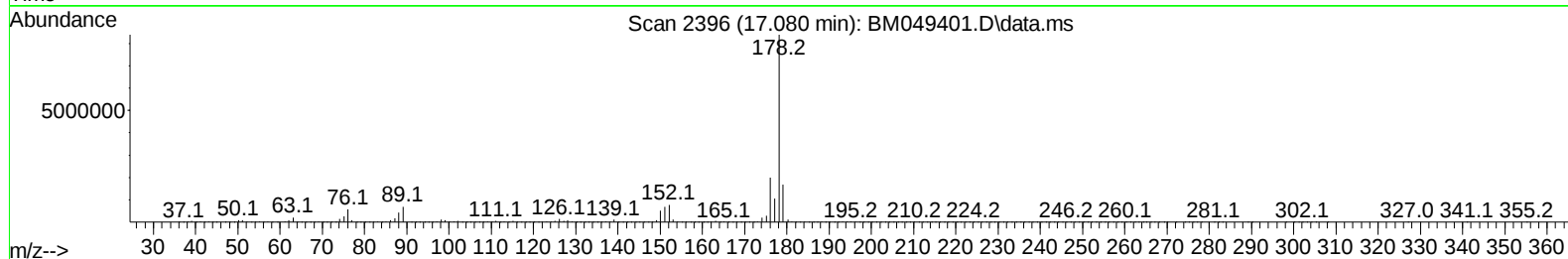
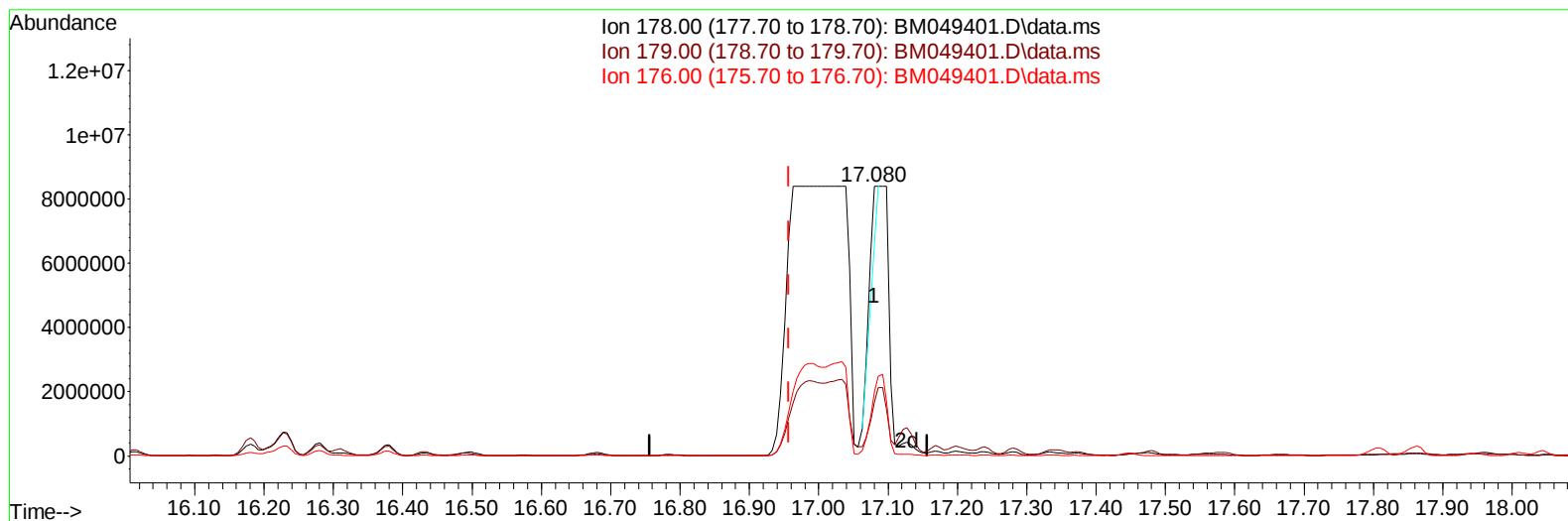
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049401.D
 Acq On : 23 Jan 2025 03:13
 Operator : RC/JU
 Sample : Q1139-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:52:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(72) Phenanthrene

17.080min (+ 0.124) 41.04 ng/u1

response 2839950

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	20.01#
176.00	19.30	23.78#
0.00	0.00	0.00

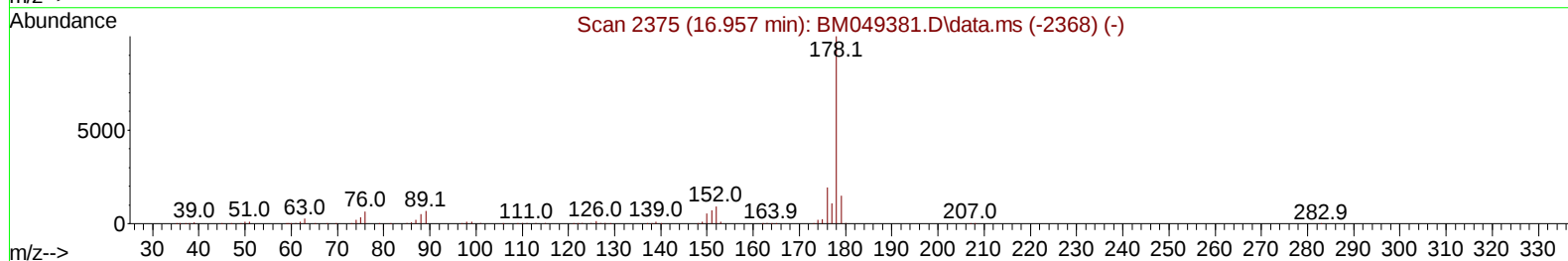
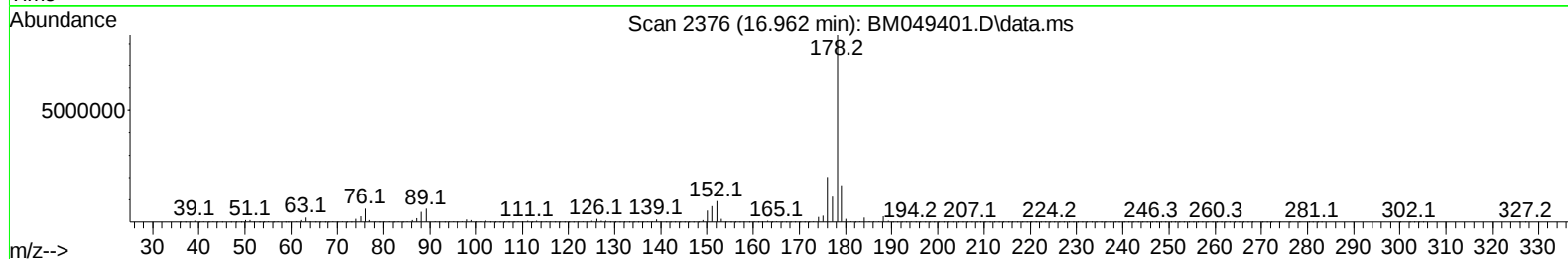
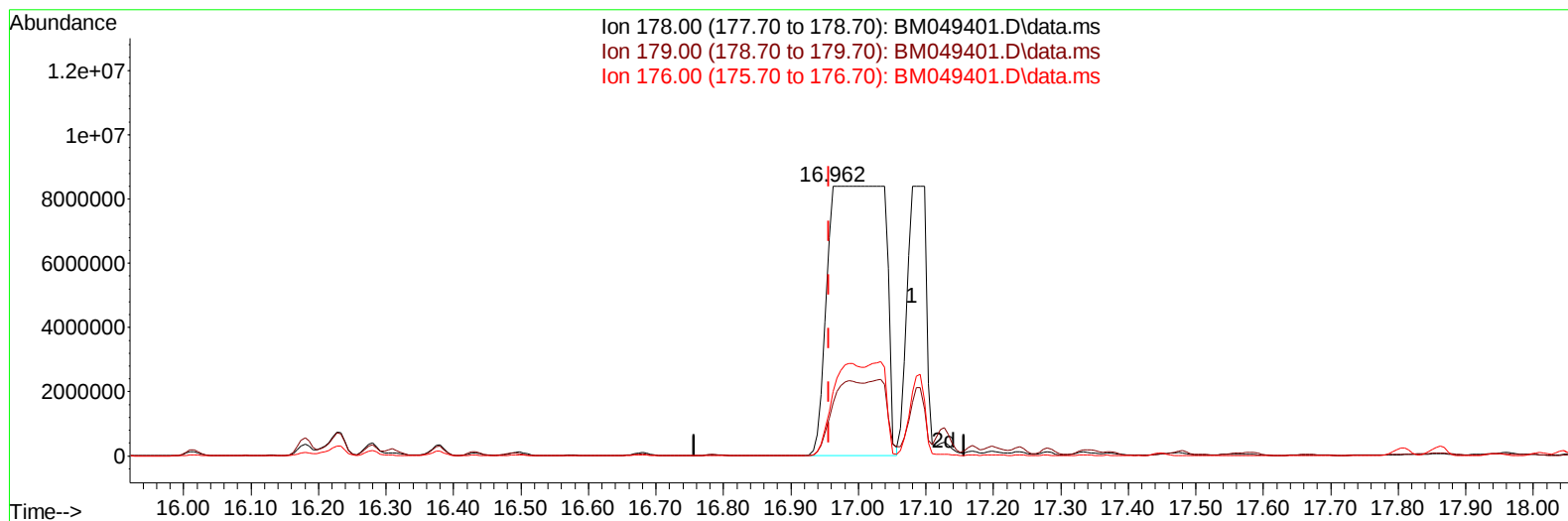
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:52:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(72) Phenanthrene

16.962min (+ 0.006) 701.47 ng/u1 m

response 48536109

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	19.76#
176.00	19.30	24.00#
0.00	0.00	0.00

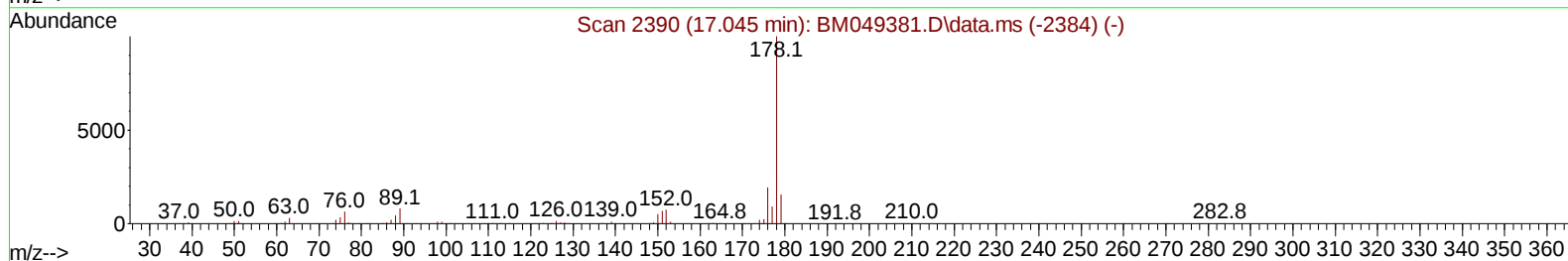
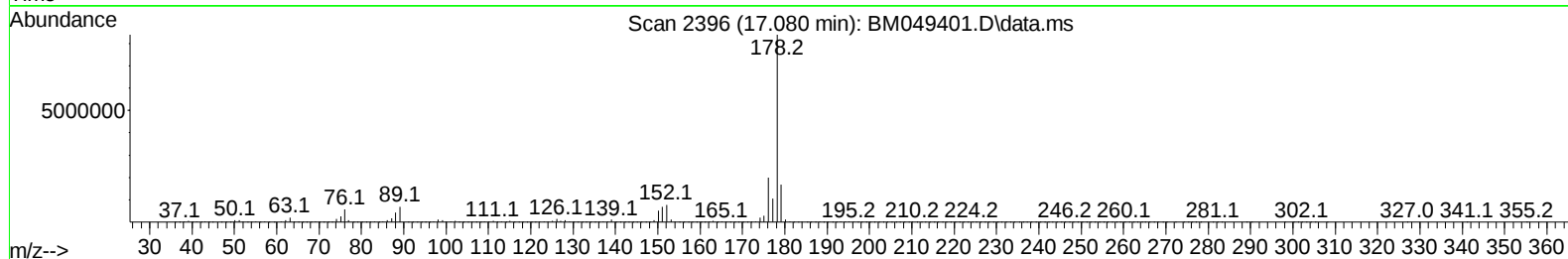
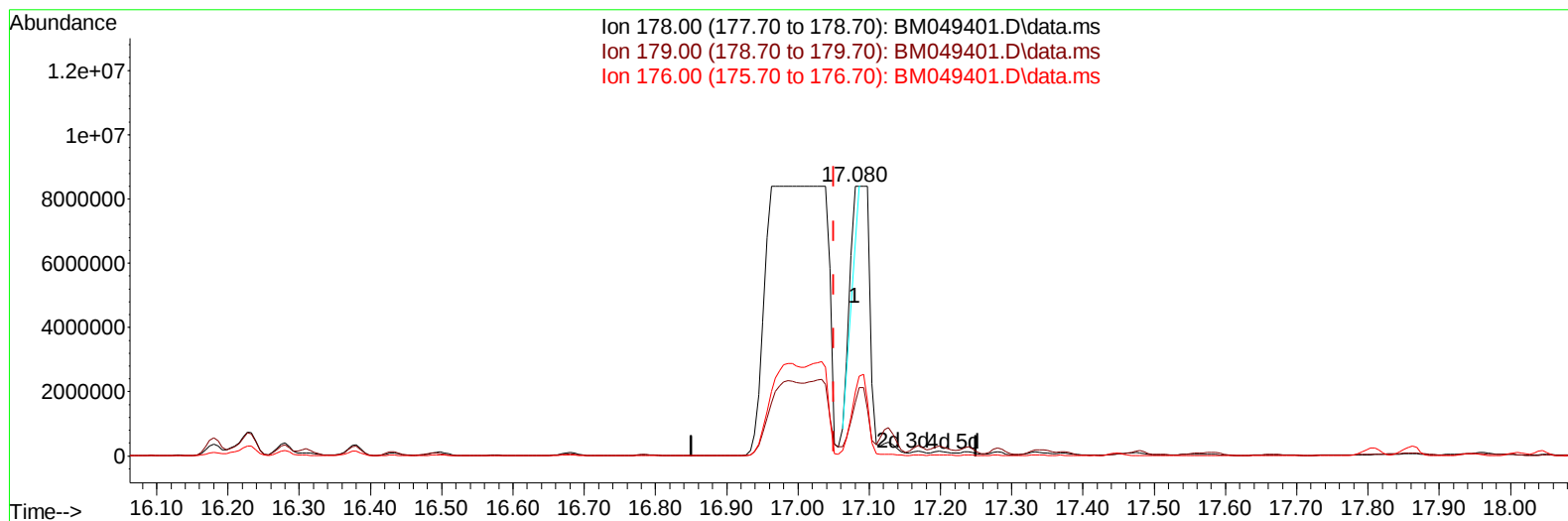
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:52:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(74) Anthracene

17.080min (+ 0.029) 40.89 ng/u1

response 2839950

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	20.01#
176.00	18.90	23.78#
0.00	0.00	0.00

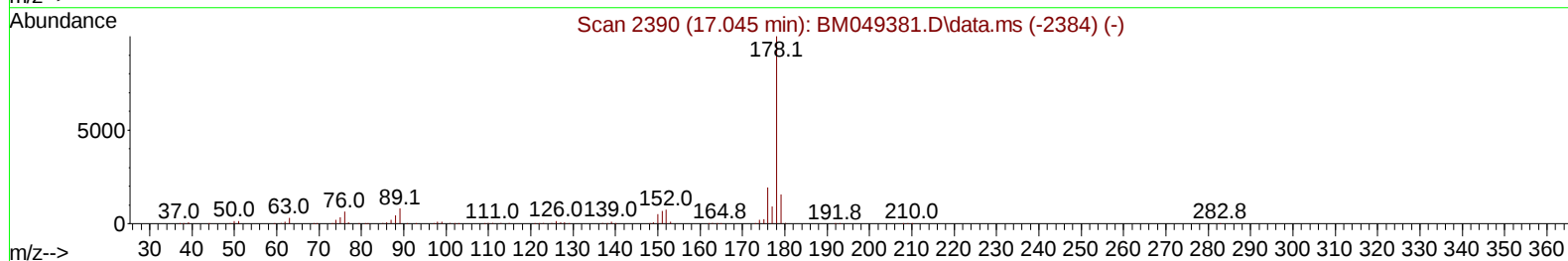
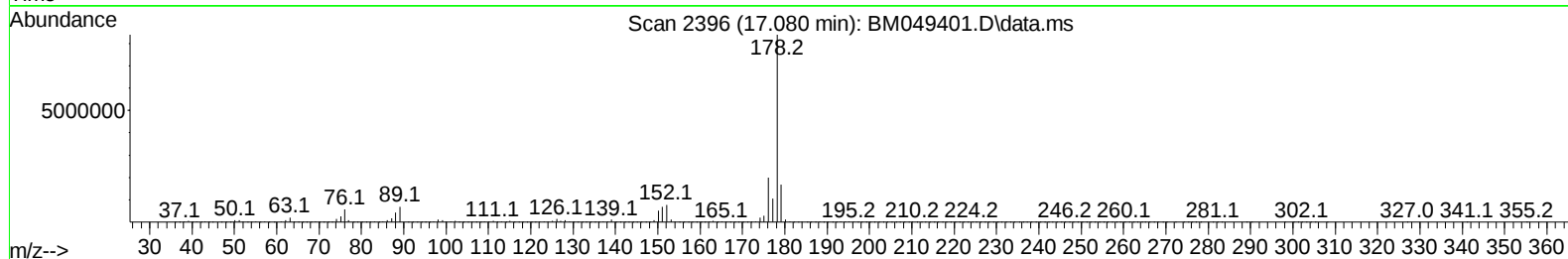
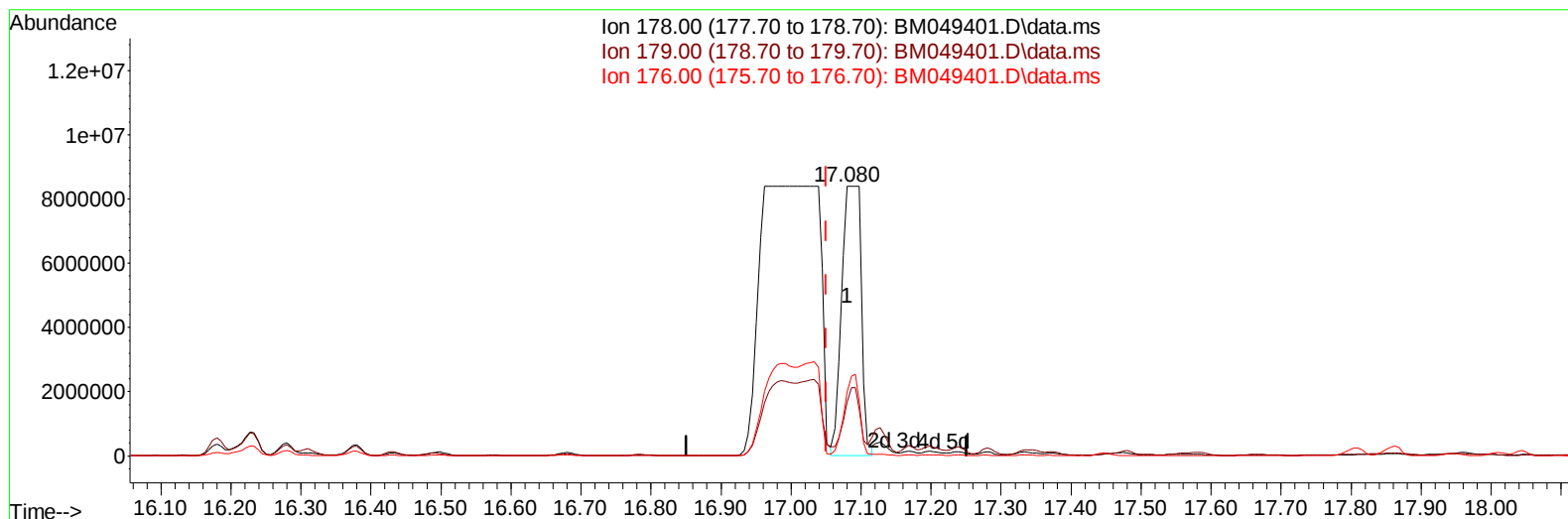
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:52:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(74) Anthracene

17.080min (+ 0.029) 235.77 ng/u1 m

response 16374381

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	20.01#
176.00	18.90	23.78#
0.00	0.00	0.00

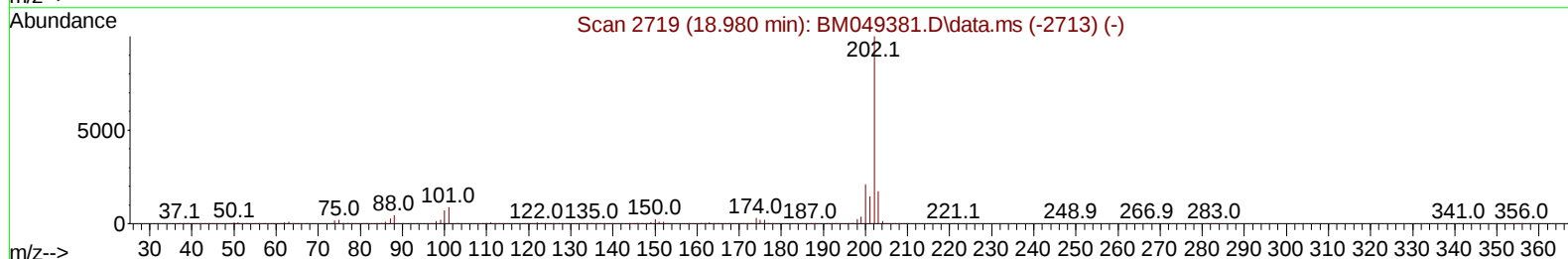
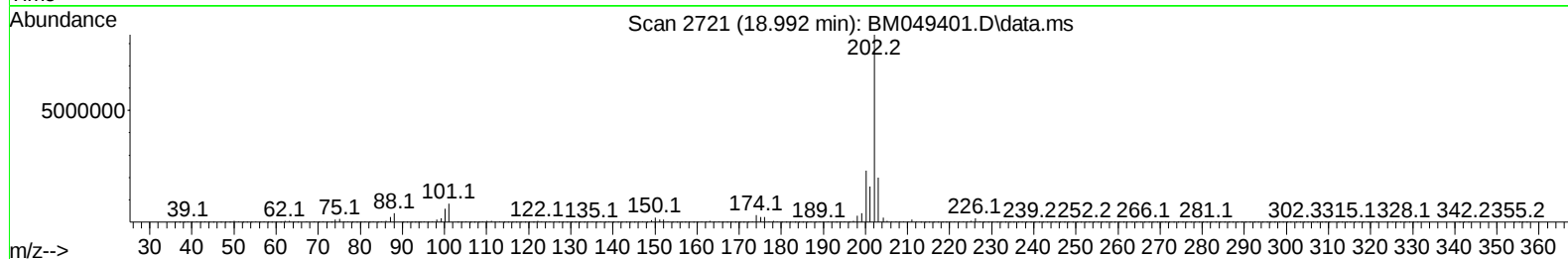
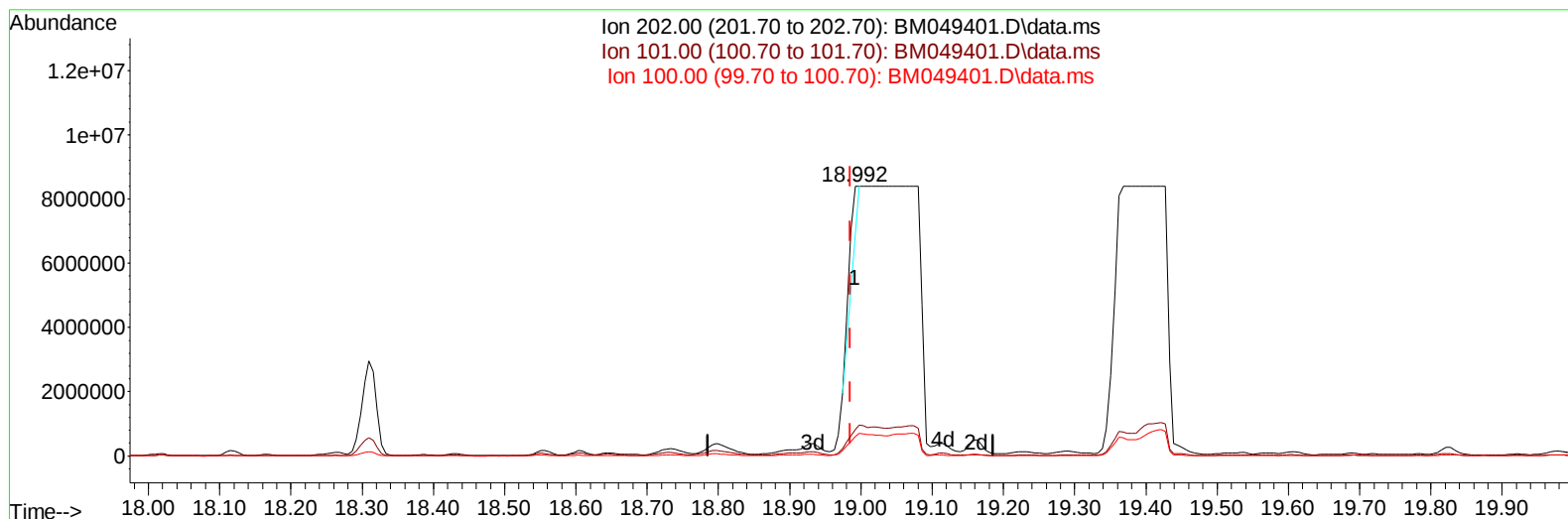
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:52:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(80) Fluoranthene

18.992min (+ 0.006) 38.93 ng/u1

response 3228857

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	8.70	9.86
100.00	6.30	7.13
0.00	0.00	0.00

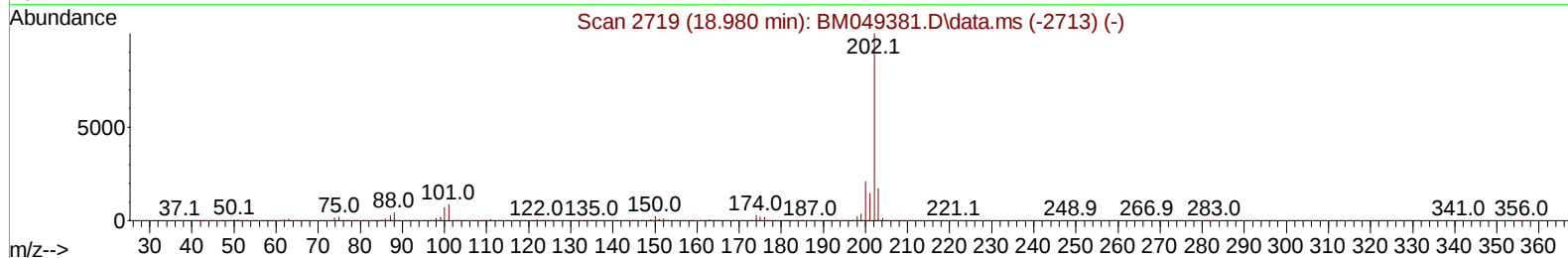
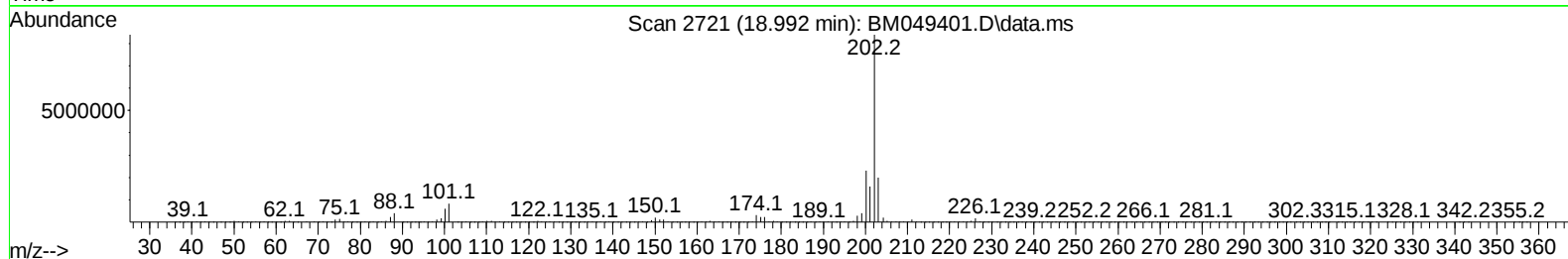
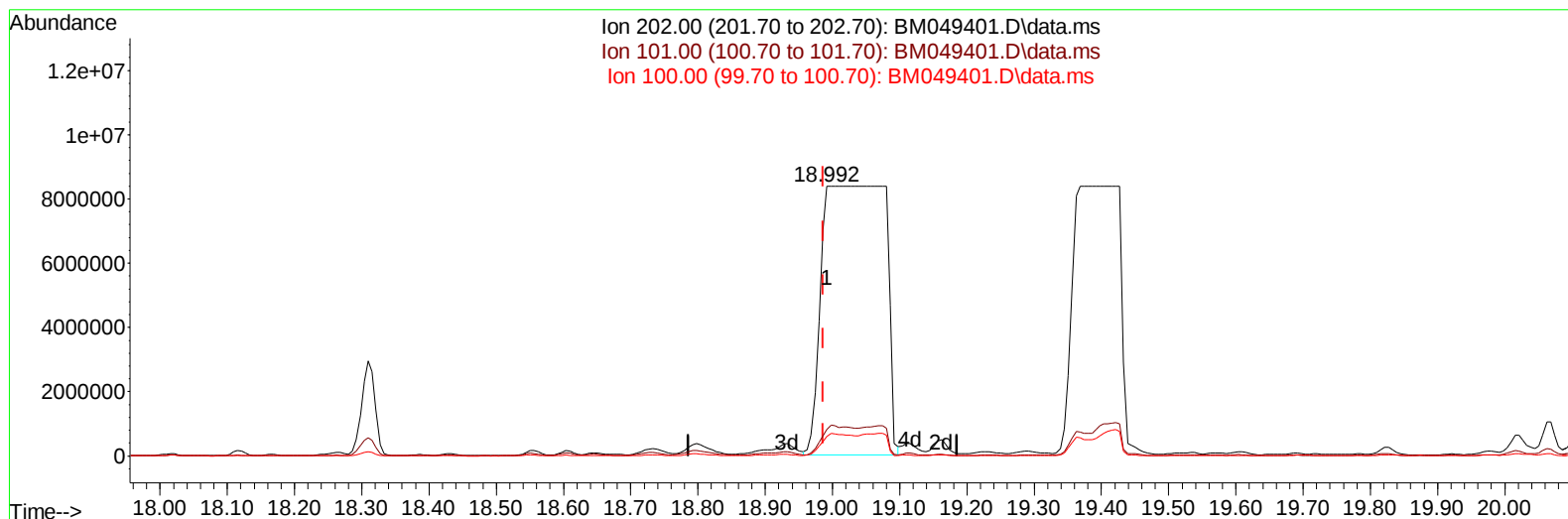
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:52:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(80) Fluoranthene

18.992min (+ 0.006) 649.58 ng/u1 m

response 53877619

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	8.70	9.86
100.00	6.30	7.13
0.00	0.00	0.00

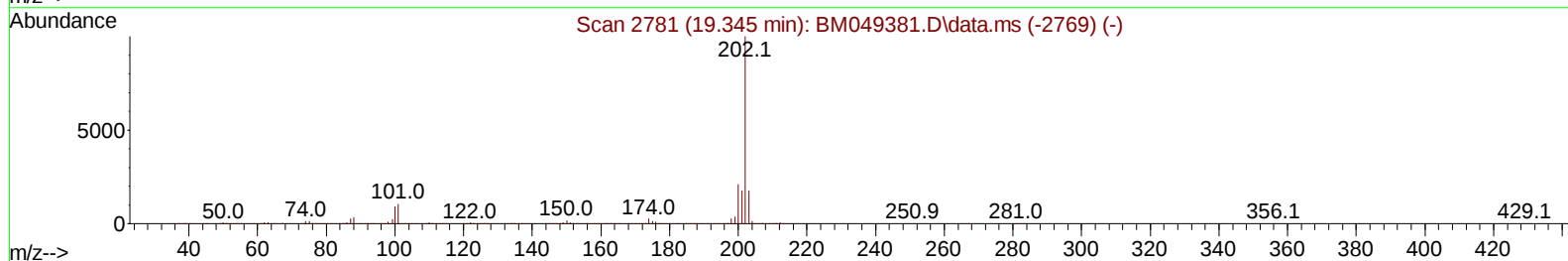
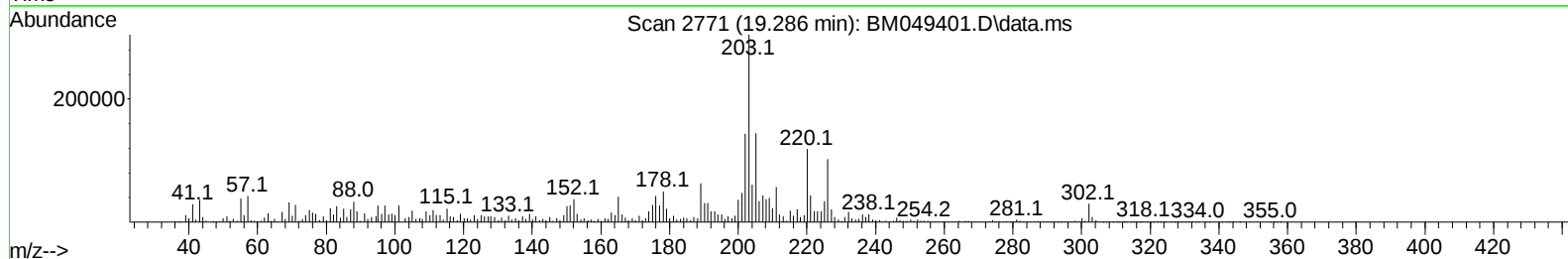
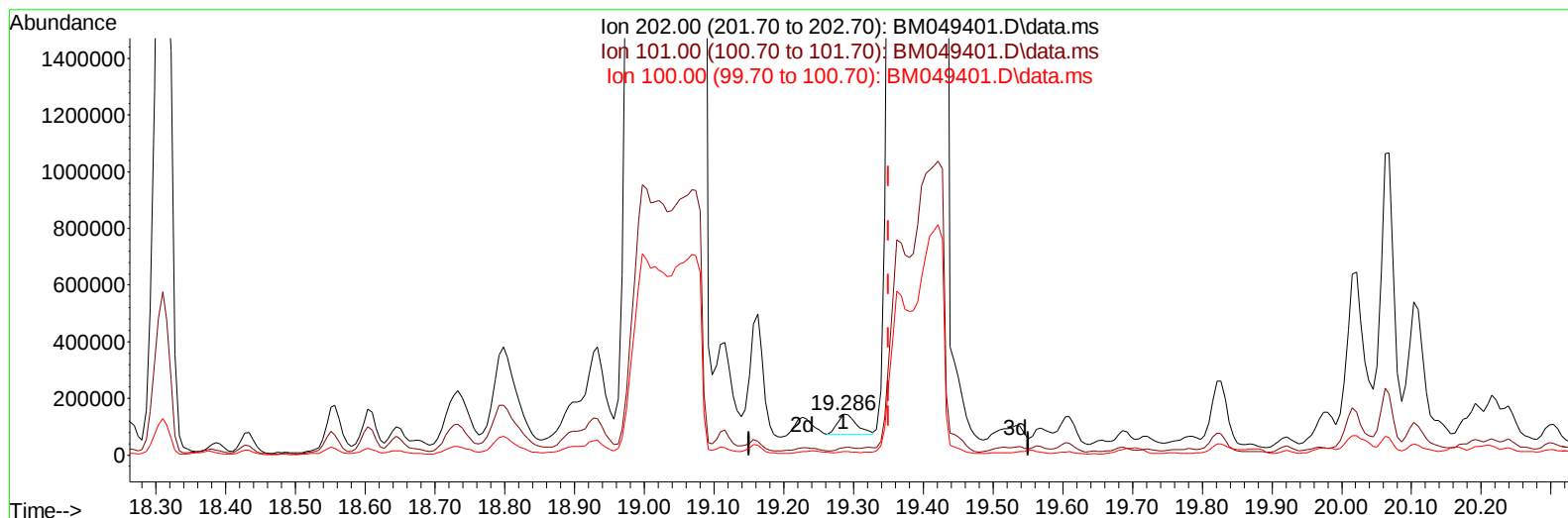
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:53:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(82) Pyrene

19.286min (-0.065) 1.52 ng/u1

response 133897

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.80	18.55#
100.00	8.30	8.07
0.00	0.00	0.00

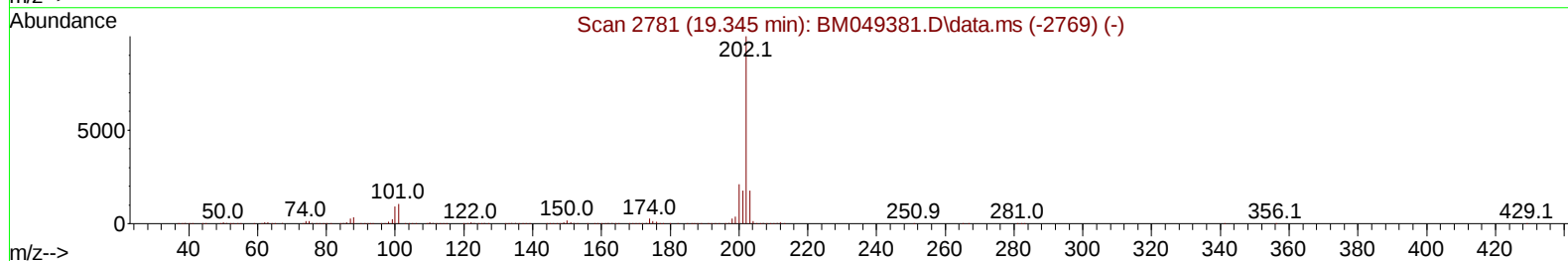
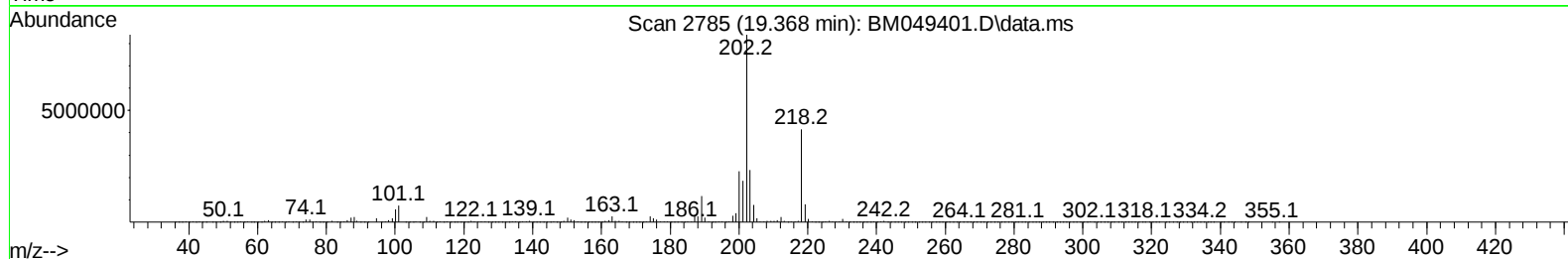
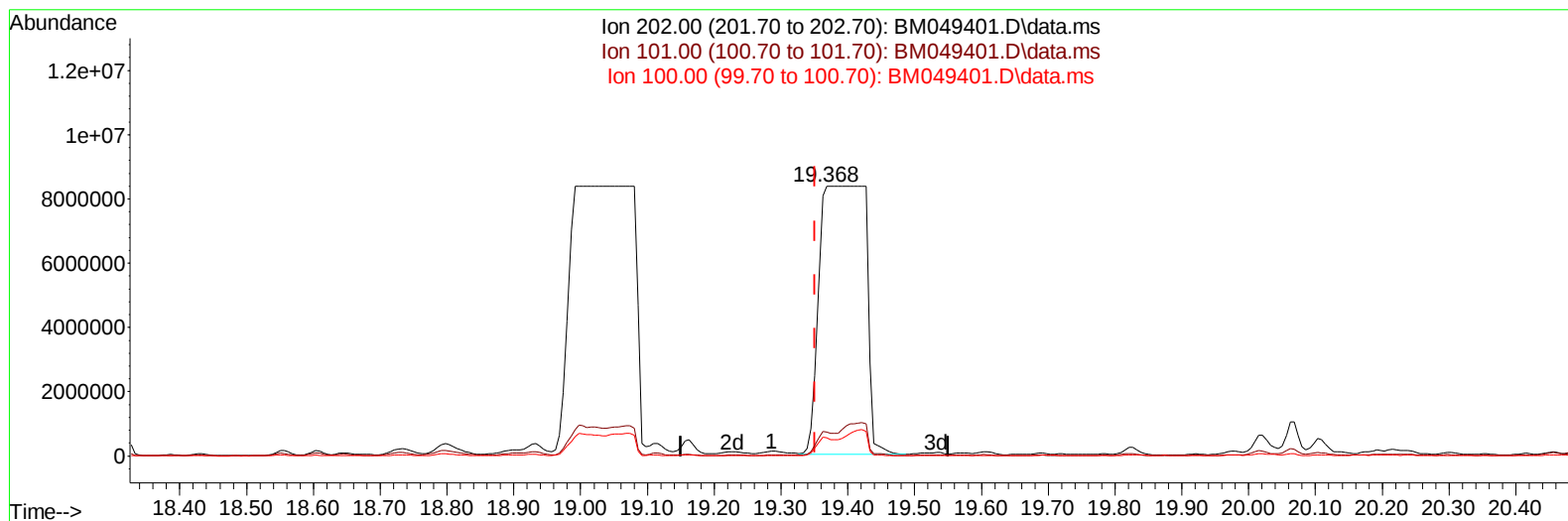
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:53:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(82) Pyrene

19.368min (+ 0.018) 449.86 ng/u1 m

response 39718131

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.80	8.93
100.00	8.30	6.72
0.00	0.00	0.00

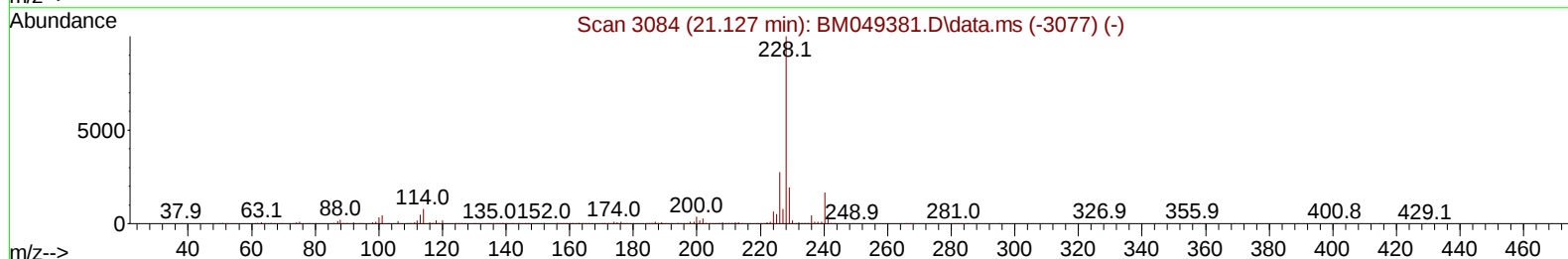
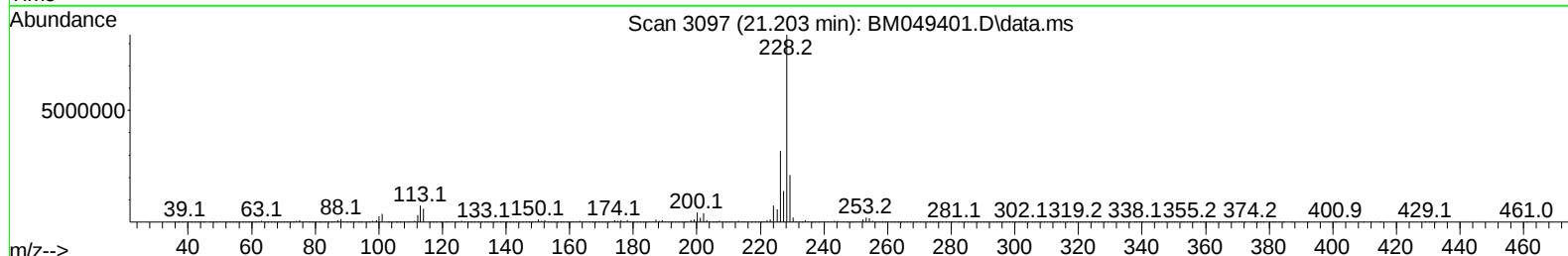
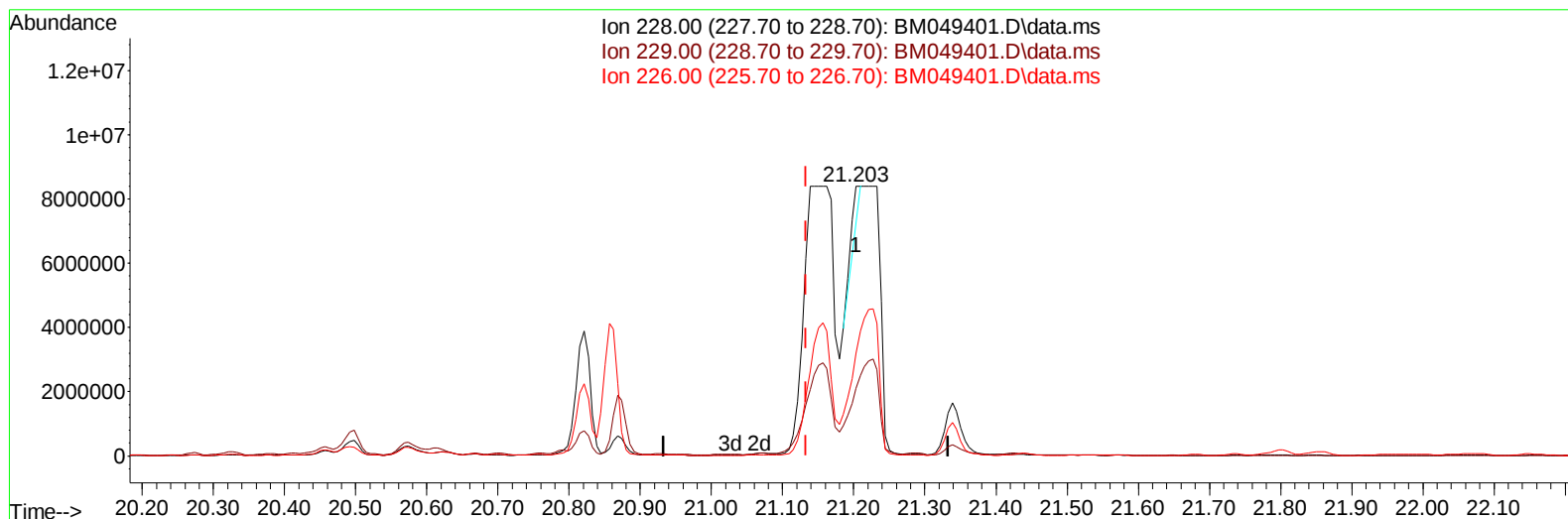
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:53:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(85) Benzo(a)anthracene

21.203min (+ 0.071) 25.02 ng/u1

response 2068323

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.70	25.07#
226.00	27.60	38.12#
0.00	0.00	0.00

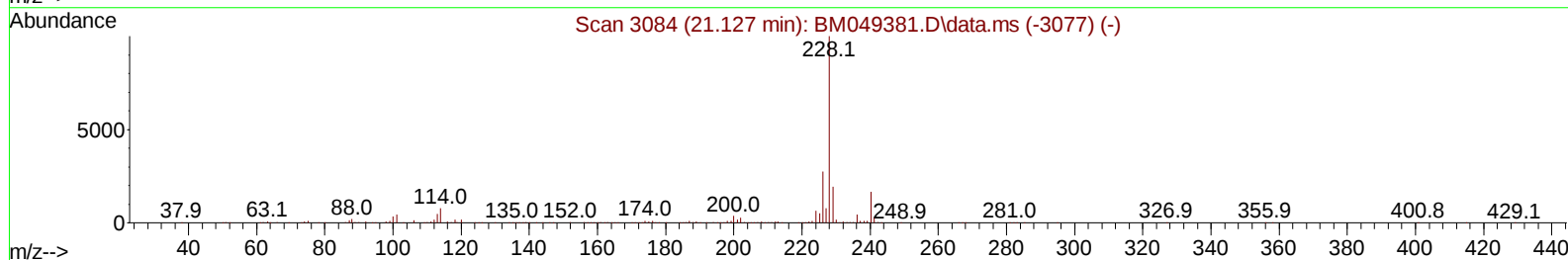
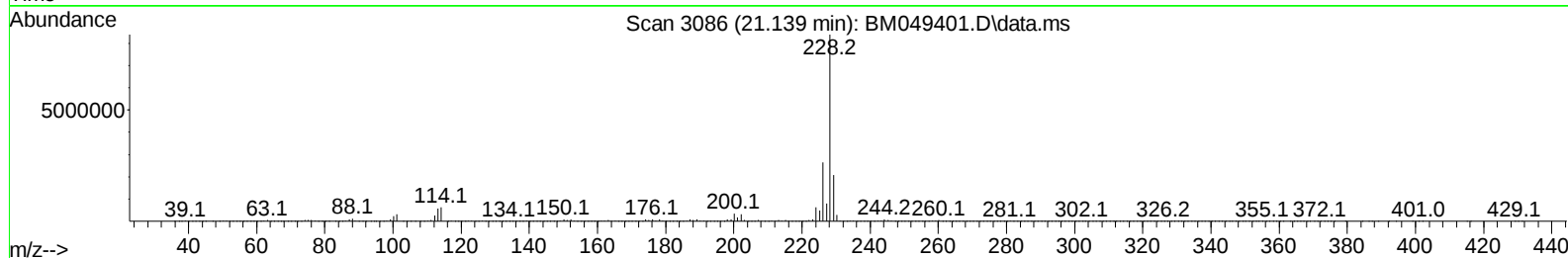
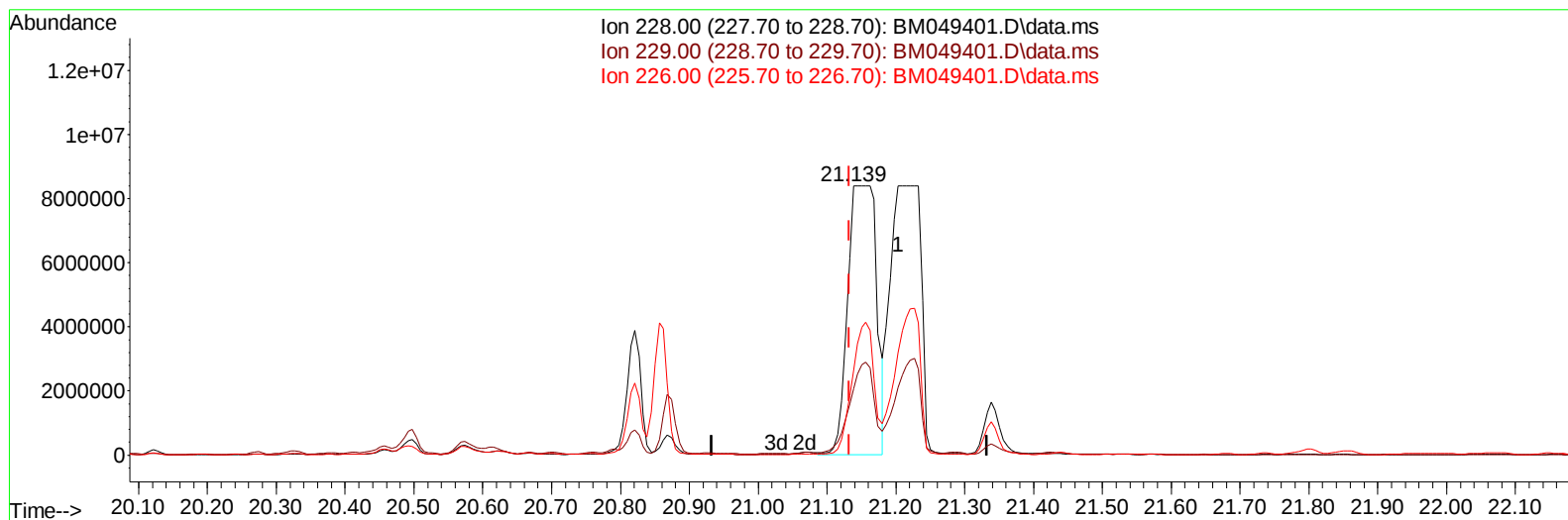
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:53:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(85) Benzo(a)anthracene

21.139min (+ 0.006) 295.29 ng/u1 m

response 24406650

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.70	24.77#
226.00	27.60	31.50
0.00	0.00	0.00

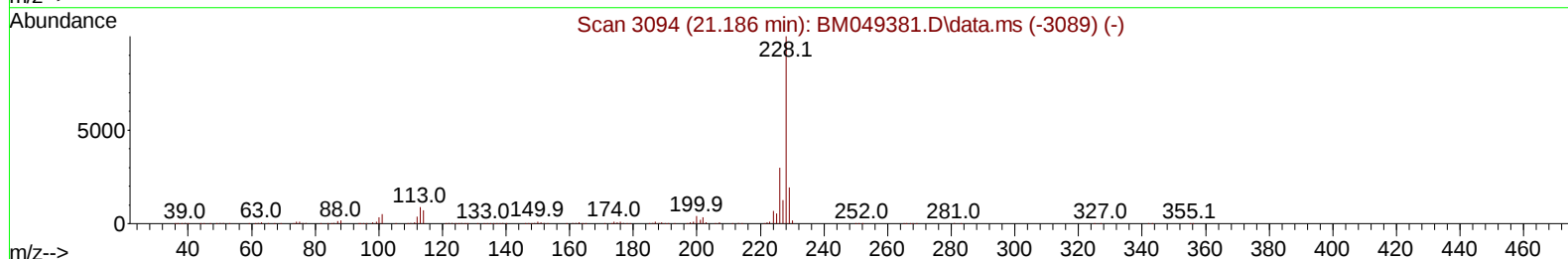
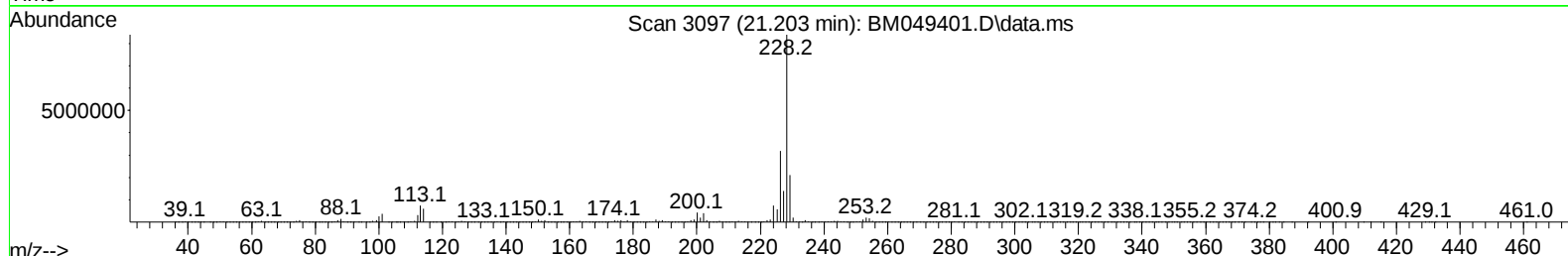
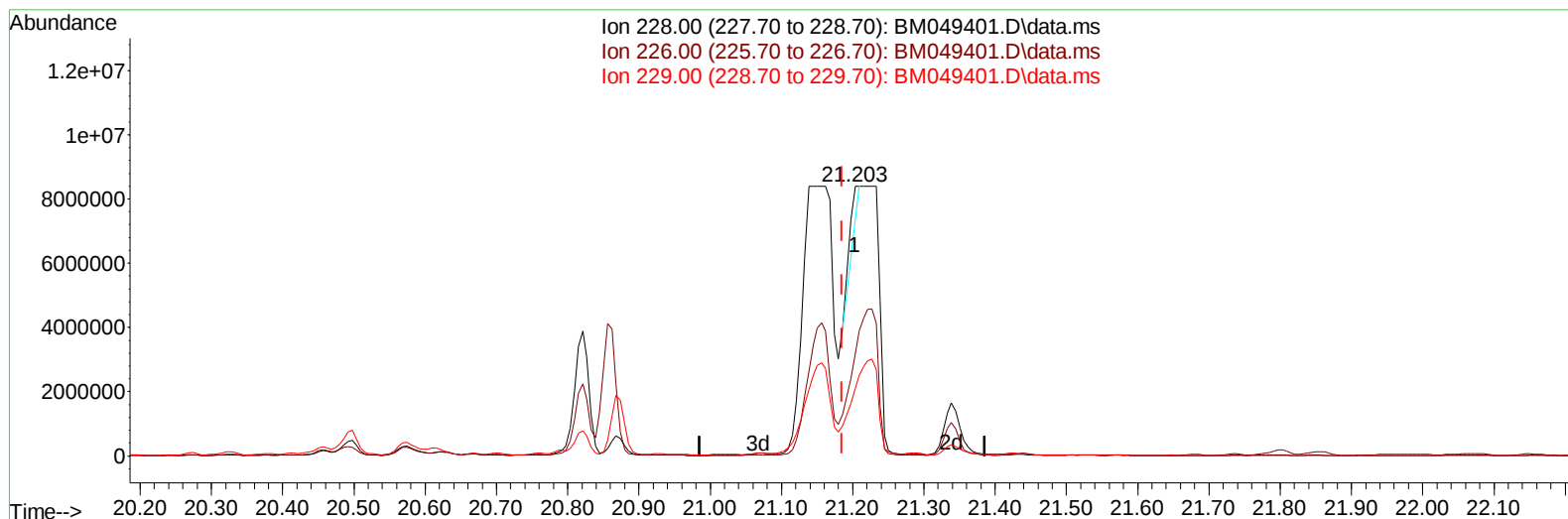
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:53:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(87) Chrysene

21.203min (+ 0.018) 27.41 ng/u1

response 2068323

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.40	38.12#
229.00	20.00	25.07#
0.00	0.00	0.00

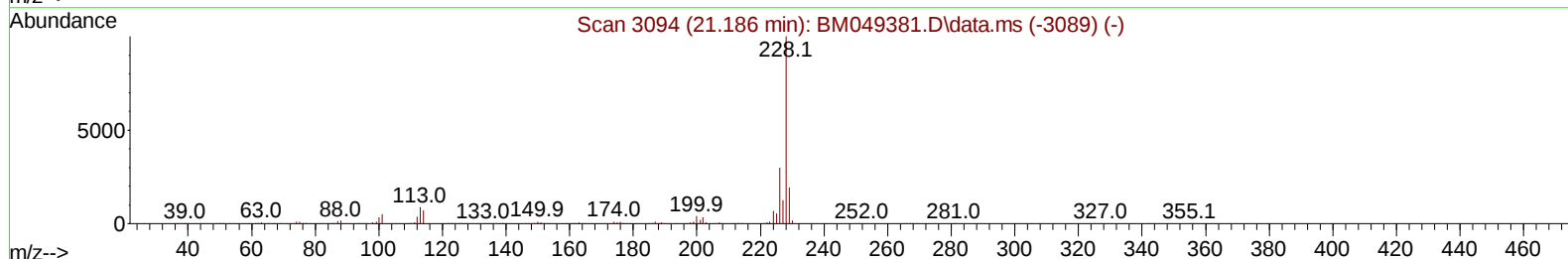
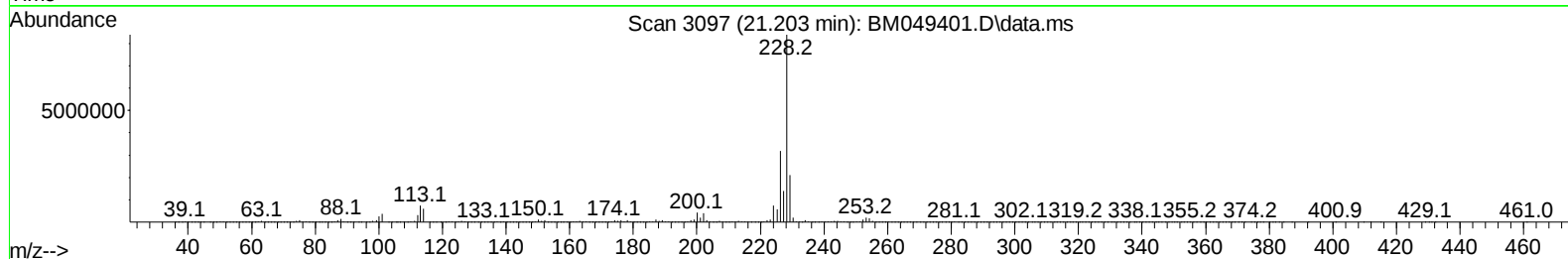
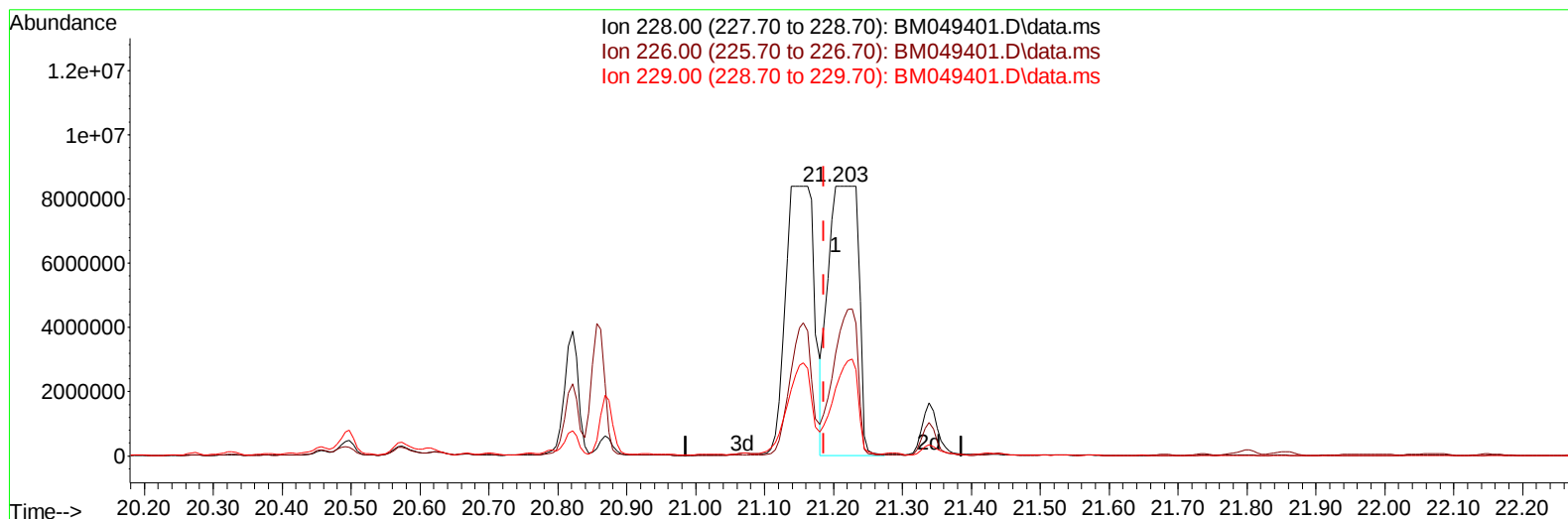
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:53:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(87) Chrysene

21.203min (+ 0.018) 341.05 ng/u1 m

response 25734875

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.40	38.12#
229.00	20.00	25.07#
0.00	0.00	0.00

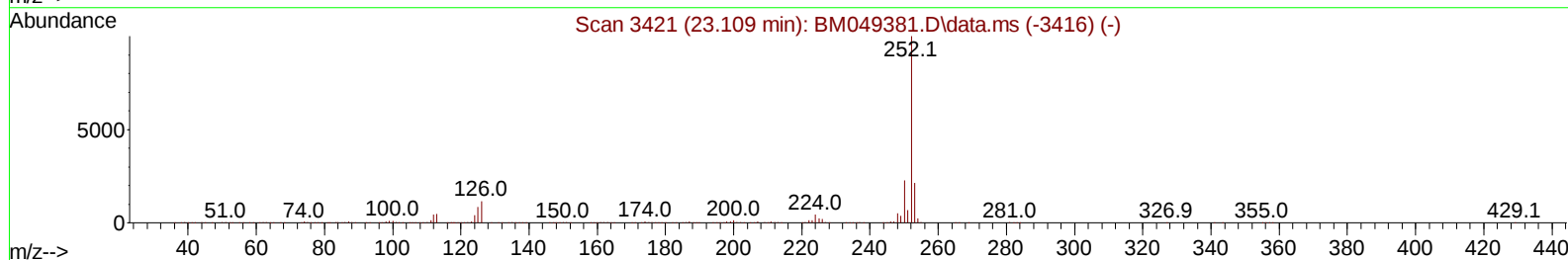
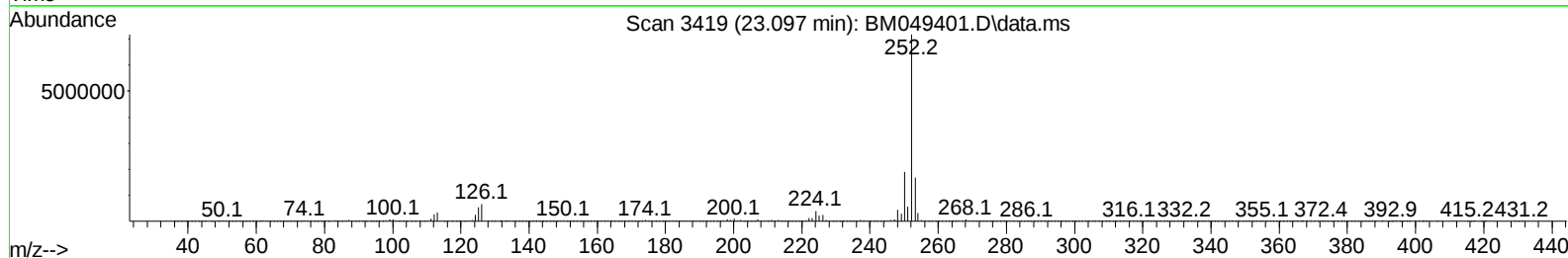
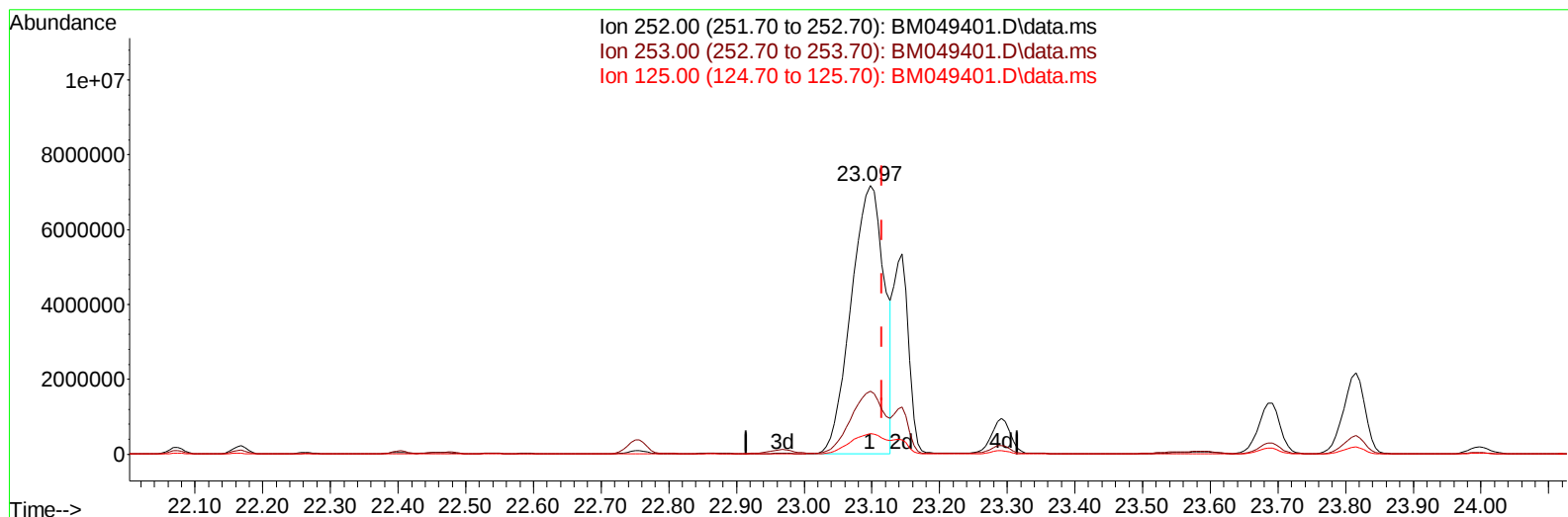
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049401.D
 Acq On : 23 Jan 2025 03:13
 Operator : RC/JU
 Sample : Q1139-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:53:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(91) Benzo(k)fluoranthene

23.097min (-0.018) 258.30 ng/u1

response 24458000

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.57
125.00	8.10	7.62
0.00	0.00	0.00

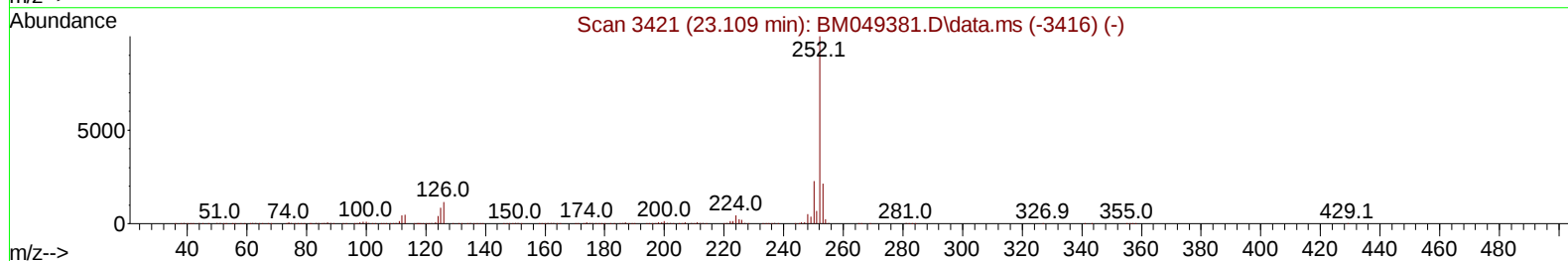
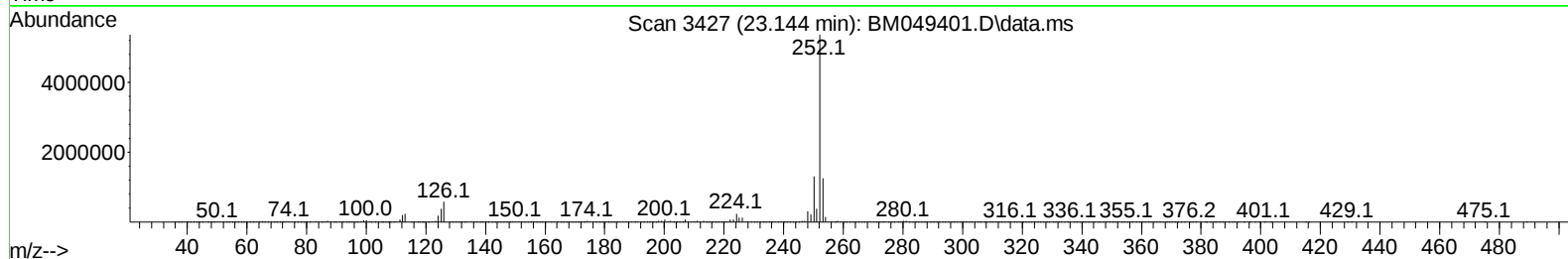
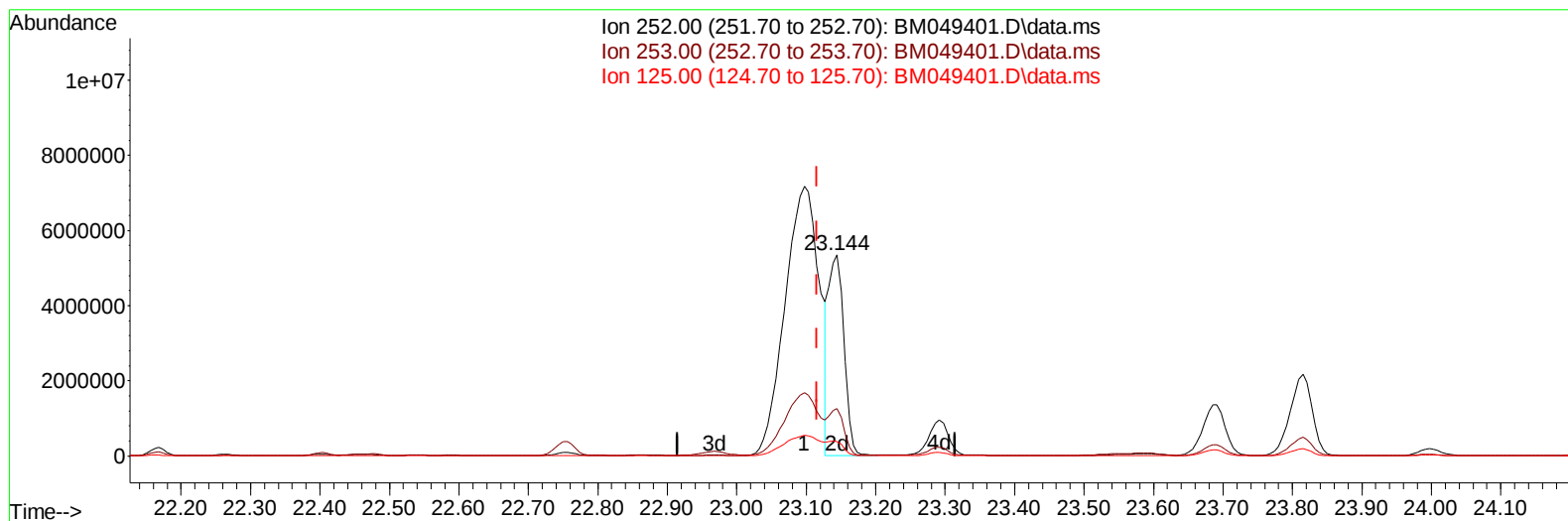
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:53:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

(91) Benzo(k)fluoranthene

23.144min (+ 0.029) 86.84 ng/ul m

response 8222943

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.51
125.00	8.10	7.21
0.00	0.00	0.00

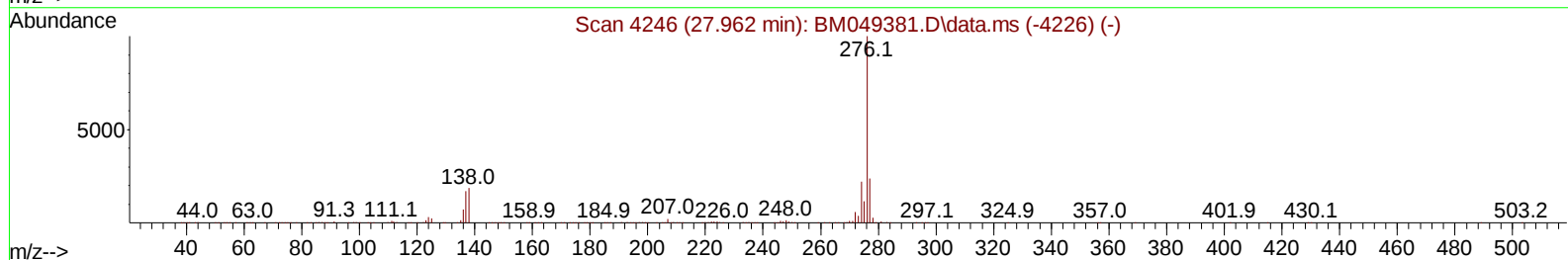
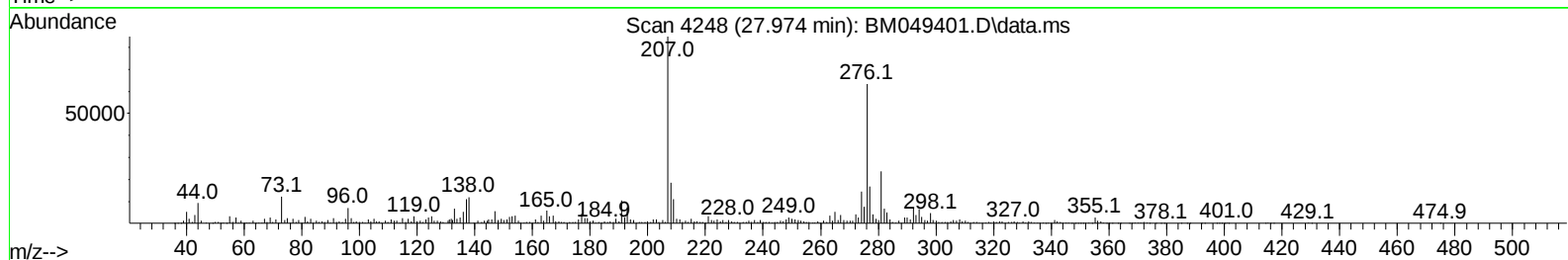
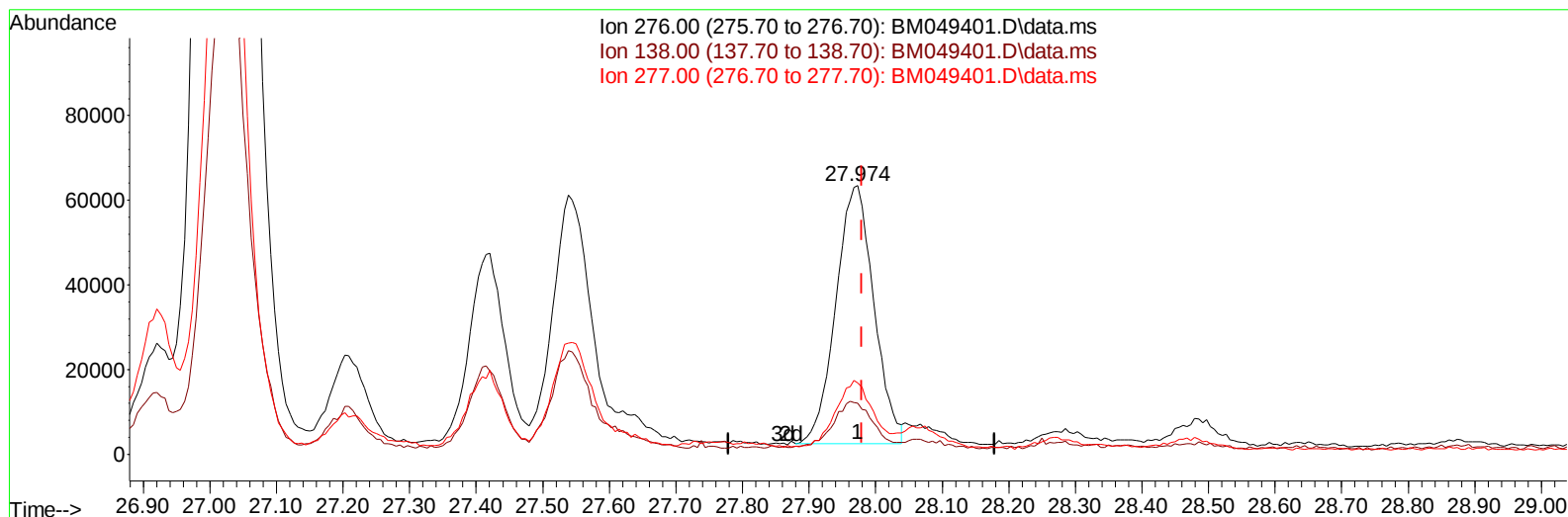
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:55:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

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

27.974min (-0.006) 3.29 ng/u1

response 241559

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	18.93
277.00	24.20	26.54
0.00	0.00	0.00

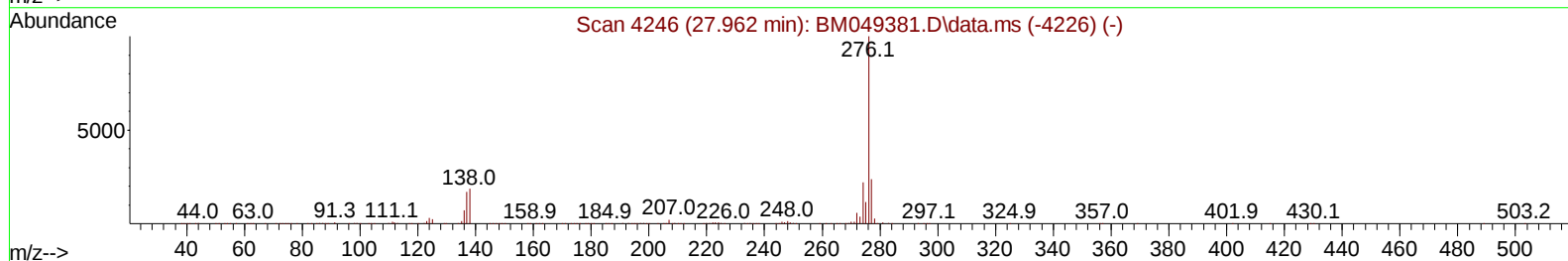
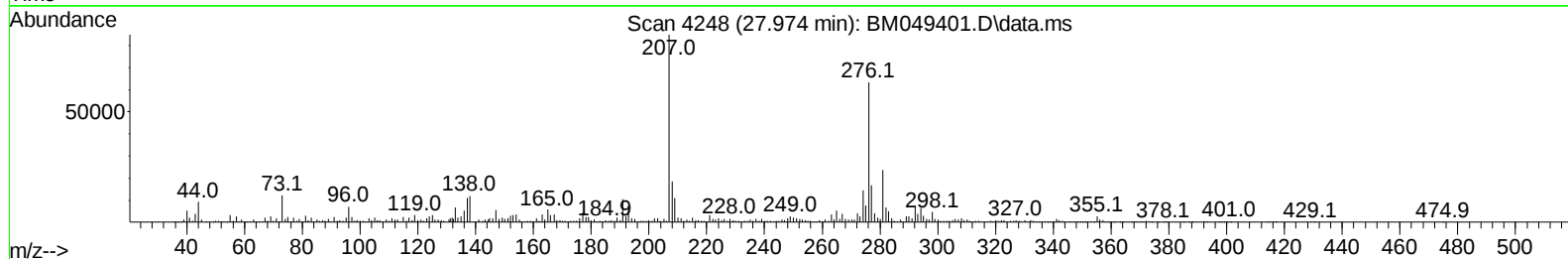
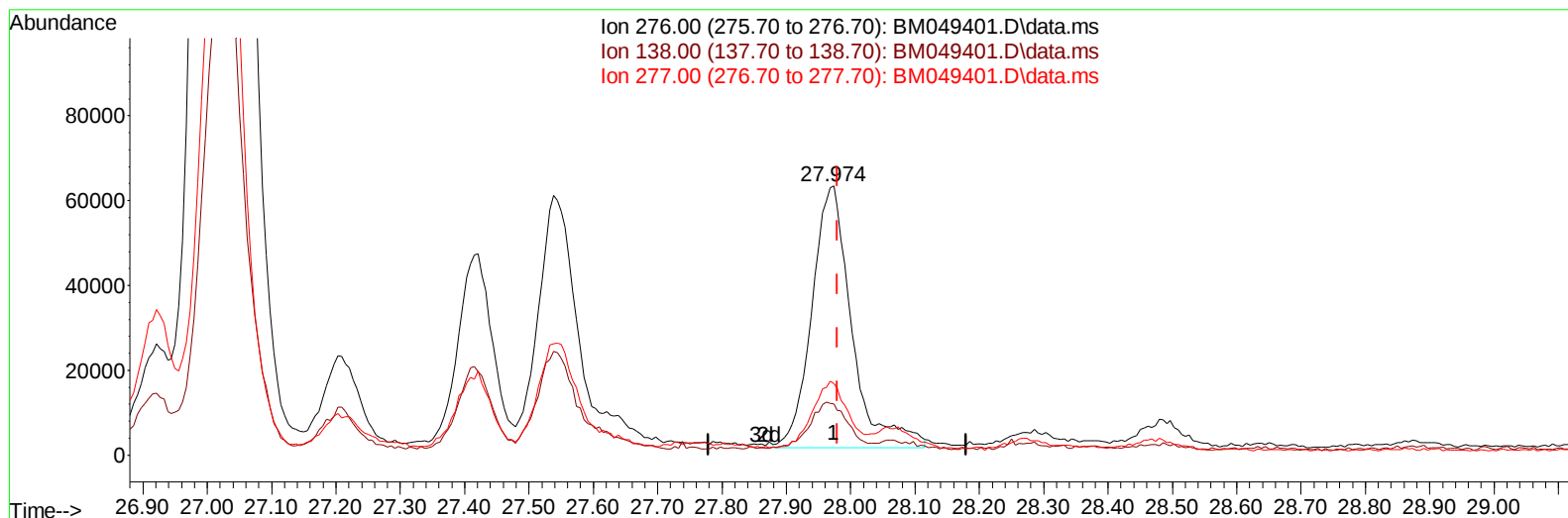
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:55:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BM049401.D\data.ms

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

27.974min (-0.006) 3.66 ng/ul m

response 268975

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	18.93
277.00	24.20	26.54
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049401.D
 Acq On : 23 Jan 2025 03:13
 Operator : RC/JU
 Sample : Q1139-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:55:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :mohammad ahmed 01/24/2025

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152		385863	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136		1381037	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164		826967	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.933	188		1244600m	20.000	ng/ul	0.02
79) Chrysene-d12	21.174	240		1186049	20.000	ng/ul	0.03
88) Perylene-d12	23.938	264		1418857	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.122	96		35834	3.842	ng/uL	0.00
4) Pyridine-d5	3.522	84		36461	1.228	ng/ul	0.01
7) Phenol-d5	6.710	99		676787	20.894	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67		449505	20.841	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132		547226	22.085	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113		525938	20.939	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128		254056	24.124	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143		277378	23.560	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165		536701	22.341	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131		381025m	12.053	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166		1410864	22.922	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160		1518873	21.616	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143		170962	16.773	ng/ul	0.00
60) Fluorene-d10	15.163	176		1049151	19.731	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.345	200		25884m	3.263	ng/ul	0.05
73) Anthracene-d10	17.057	188		1358100	22.074	ng/ul	0.04
81) Pyrene-d10	19.351	212		1080734	14.972	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.744	264		742743	9.752	ng/ul	0.00
Target Compounds							
							Qvalue
30) Naphthalene	10.328	128		1193592	16.285	ng/ul	99
37) 1-Methylnaphthalene	12.175	142		2804039	53.734	ng/ul	100
50) Acenaphthylene	13.880	152		1194029	16.576	ng/ul#	95
52) Acenaphthene	14.251	153		22162656	430.614	ng/ul	96
61) Fluorene	15.233	166		22422596m	375.494	ng/ul	
71) Pentachlorophenol	16.615	266		36261	3.325	ng/ul	99
72) Phenanthrene	16.962	178		48536109m	701.468	ng/ul	
74) Anthracene	17.080	178		16374381m	235.770	ng/ul	
80) Fluoranthene	18.992	202		53877619m	649.578	ng/ul	
82) Pyrene	19.368	202		39718131m	449.859	ng/ul	
85) Benzo(a)anthracene	21.139	228		24406650m	295.285	ng/ul	
87) Chrysene	21.203	228		25734875m	341.052	ng/ul	
90) Benzo(b)fluoranthene	23.097	252		24458000	257.538	ng/ul	97
91) Benzo(k)fluoranthene	23.144	252		8222943m	86.841	ng/ul	
93) Benzo(a)pyrene	23.815	252		4782148	55.748	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.026	276		2728991	27.733	ng/ul	99
95) Dibenzo(a,h)anthracene	27.056	278		1147748	14.321	ng/ul	98
96) Benzo(g,h,i)perylene	27.974	276		268975m	3.662	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH9

Manual IntegrationsAPPROVED

Quant Time: Jan 23 03:55:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

