

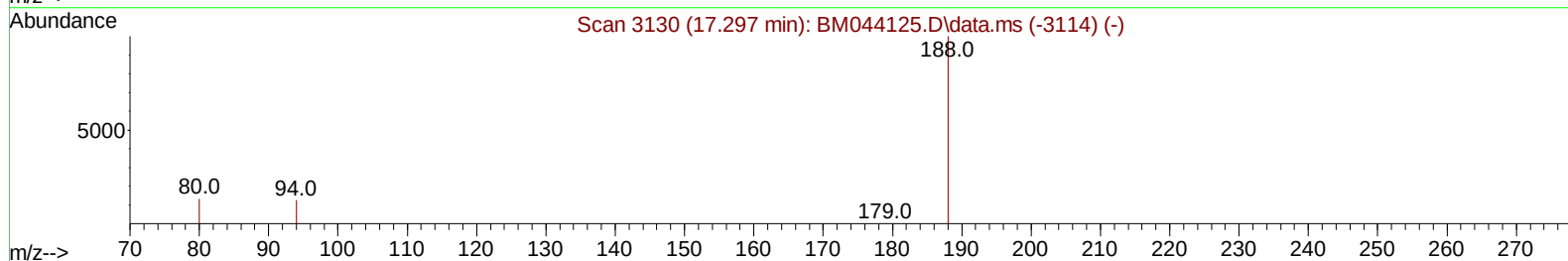
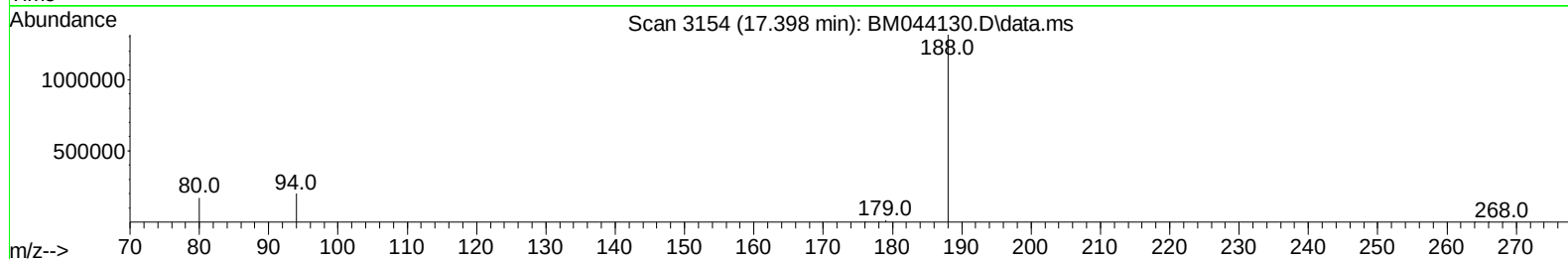
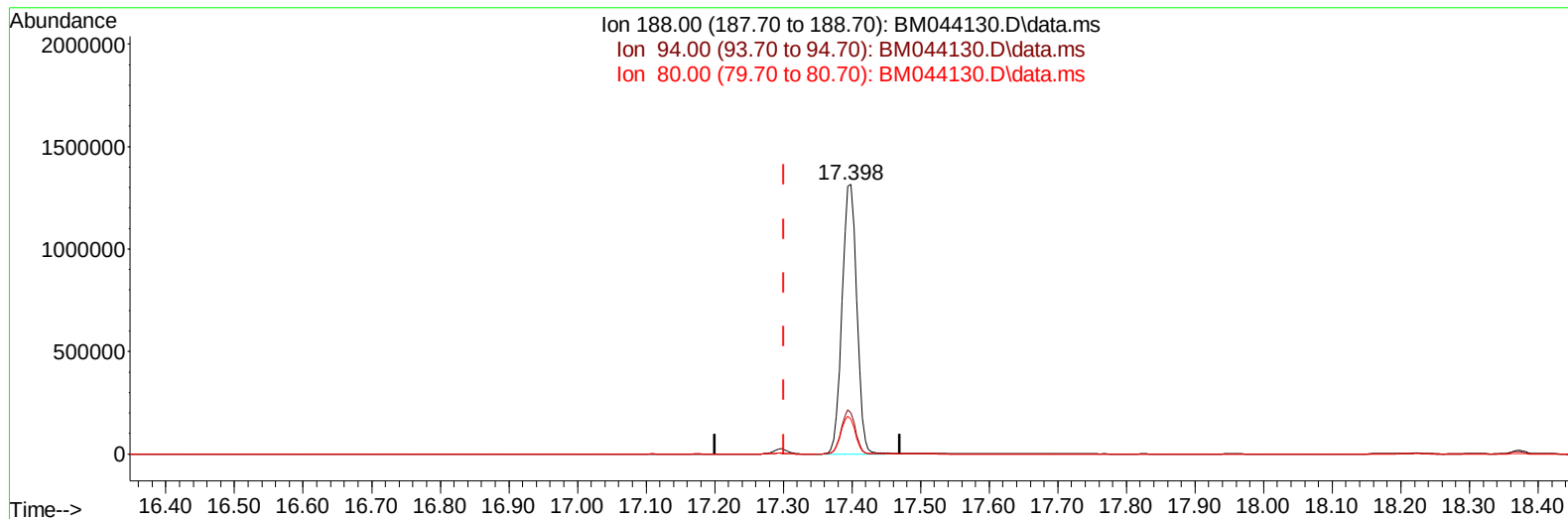
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(13) Phenanthrene-d10 (I)

17.398min (+ 0.098) 0.40 ng/u1

response 1952148

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	15.12#
80.00	13.40	12.95
0.00	0.00	0.00

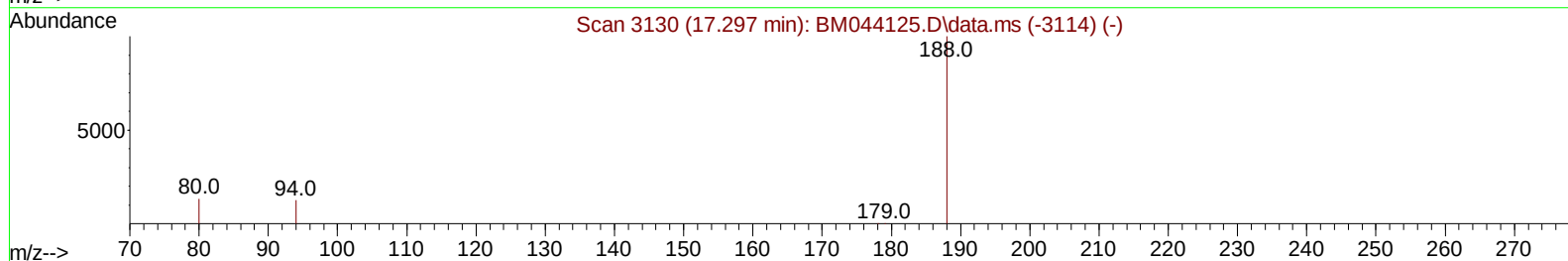
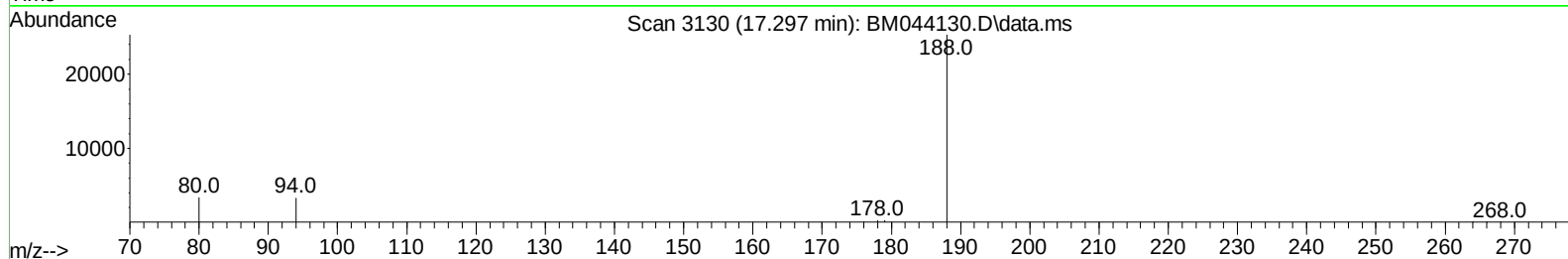
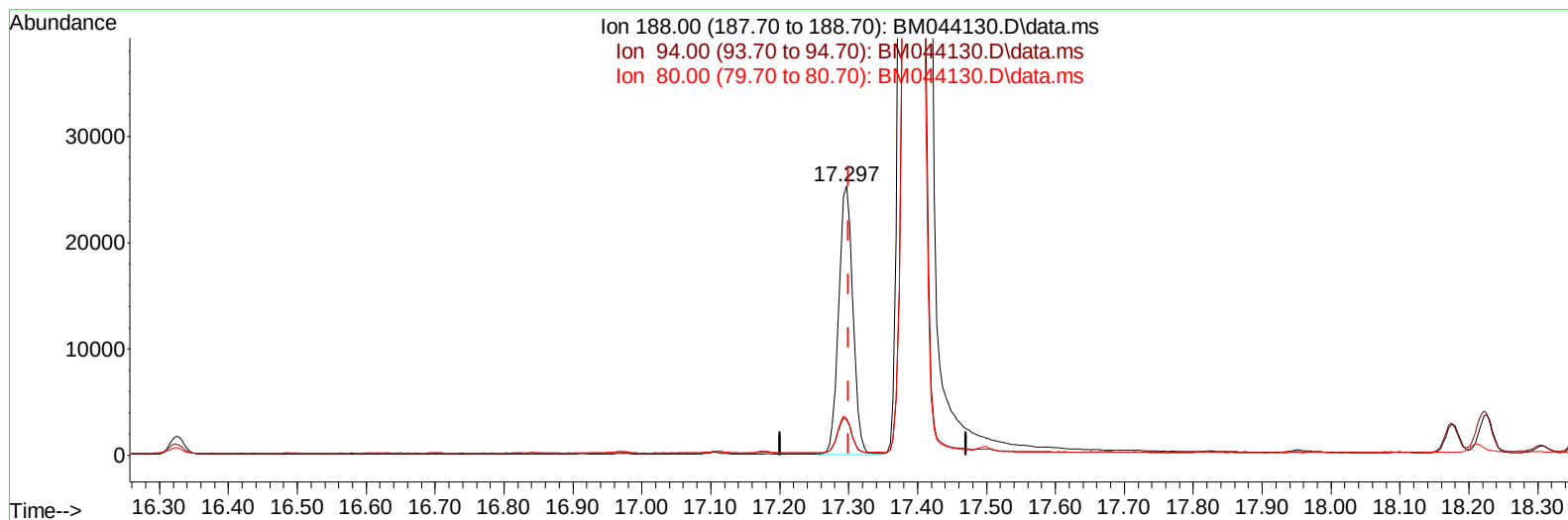
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
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Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(13) Phenanthrene-d10 (I)

17.297min (-0.003) 0.40 ng/ul m

response 36185

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	13.17
80.00	13.40	13.55
0.00	0.00	0.00

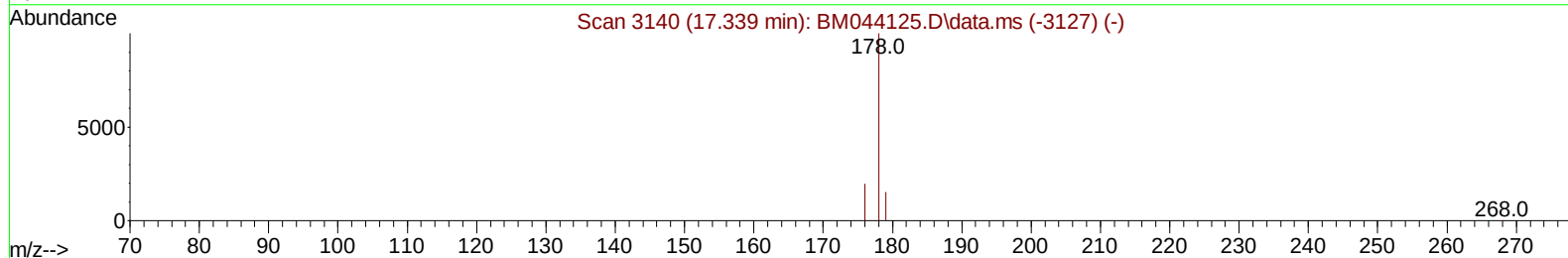
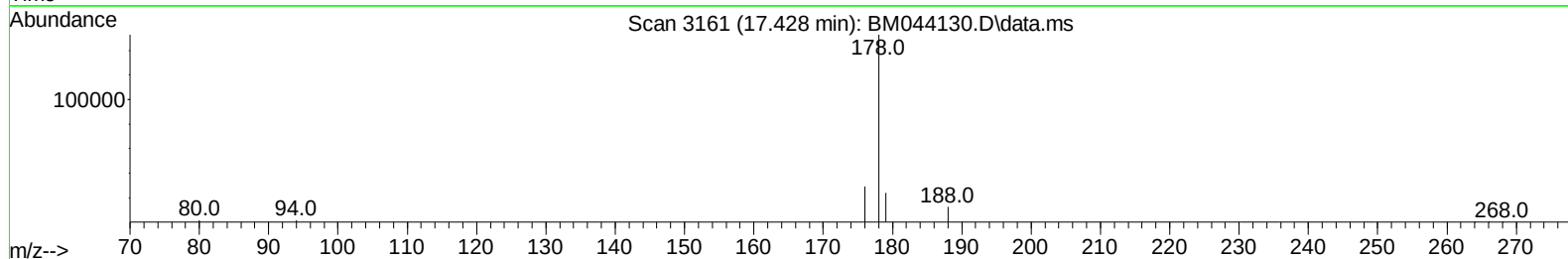
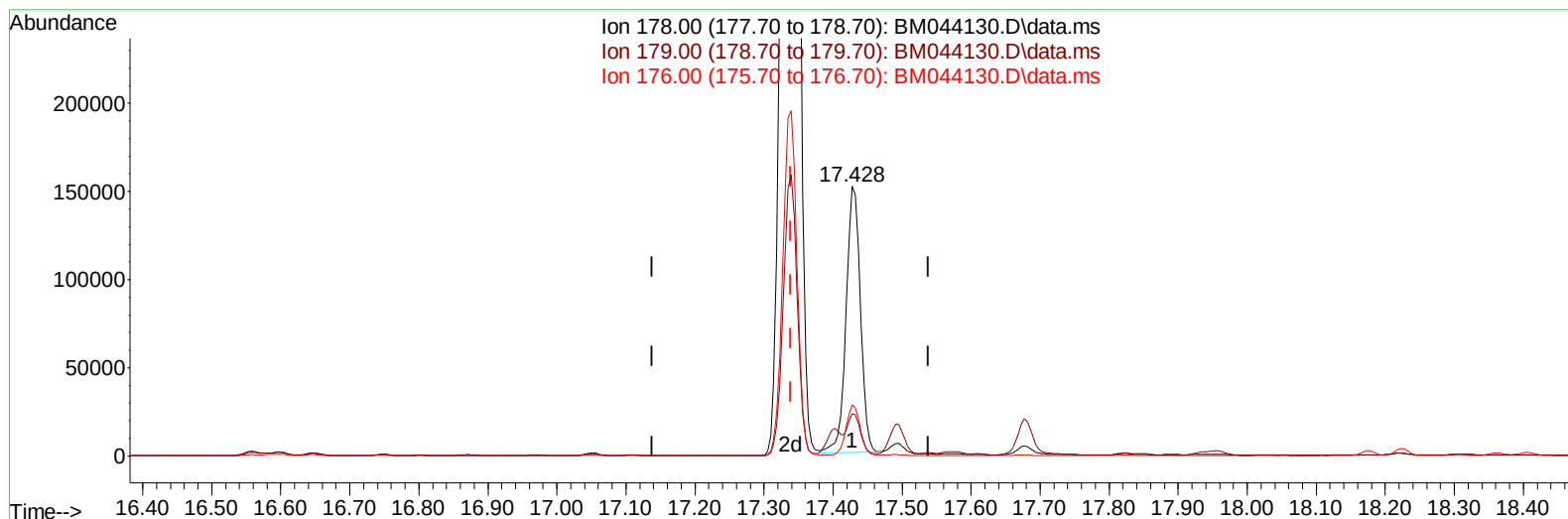
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
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QLast Update : Thu Feb 15 13:40:24 2024
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TIC: BM044130.D\data.ms

(15) Phenanthrene

17.428min (+ 0.090) 1.90 ng/u1

response 217683

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.60
176.00	20.00	19.04
0.00	0.00	0.00

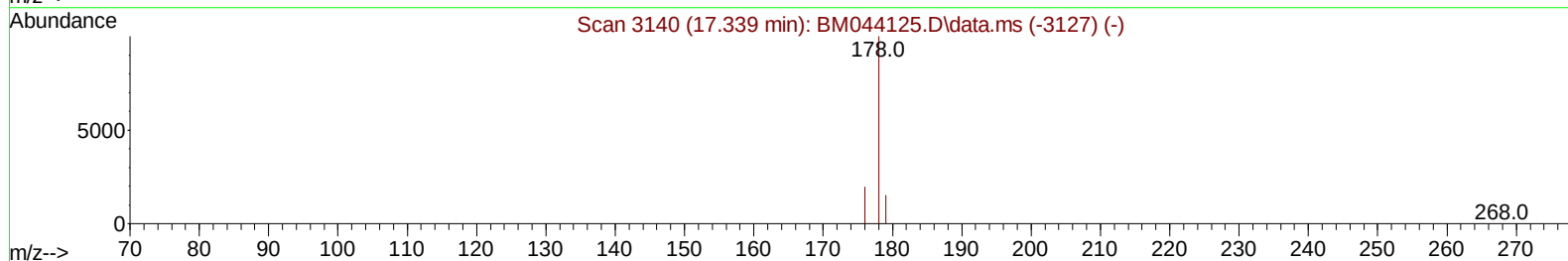
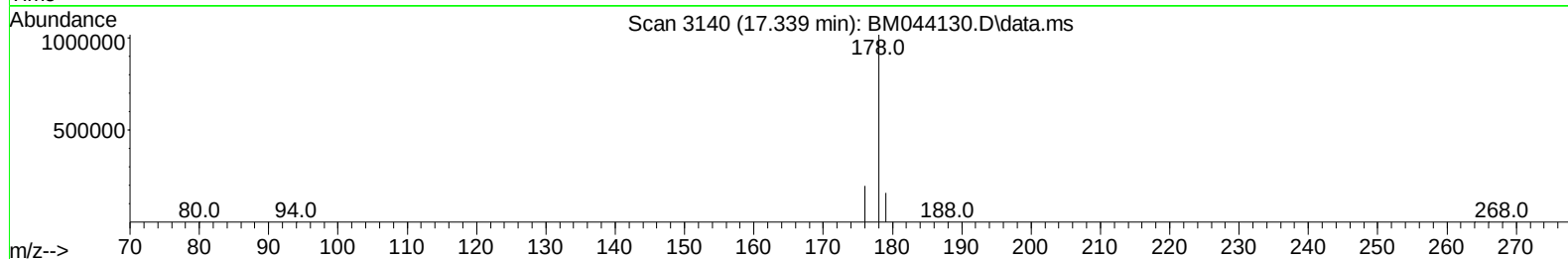
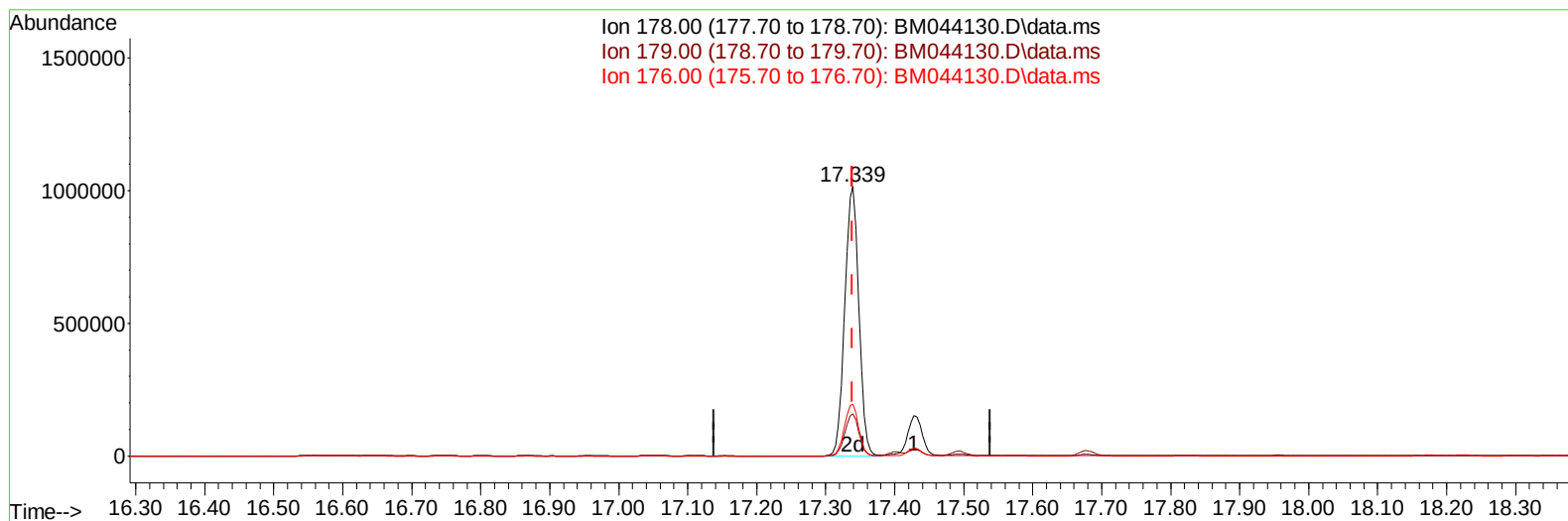
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
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TIC: BM044130.D\data.ms

(15) Phenanthrene

17.339min (+ 0.001) 12.60 ng/ul m

response 1444933

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.69
176.00	20.00	19.26
0.00	0.00	0.00

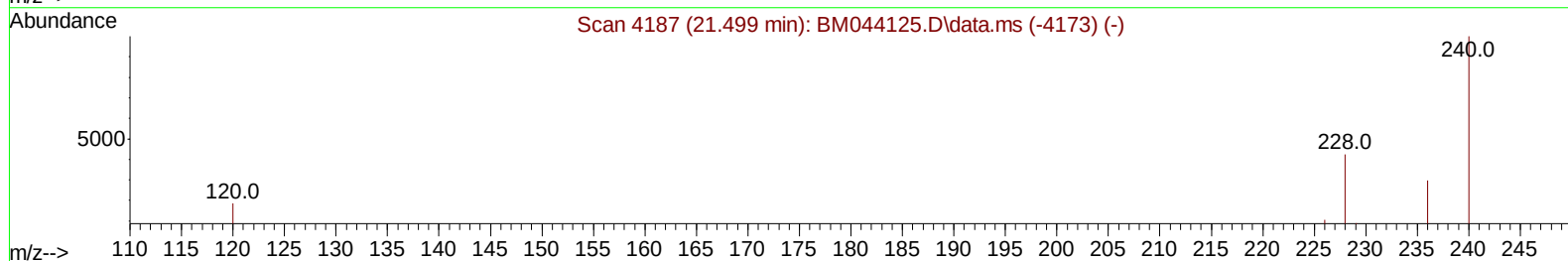
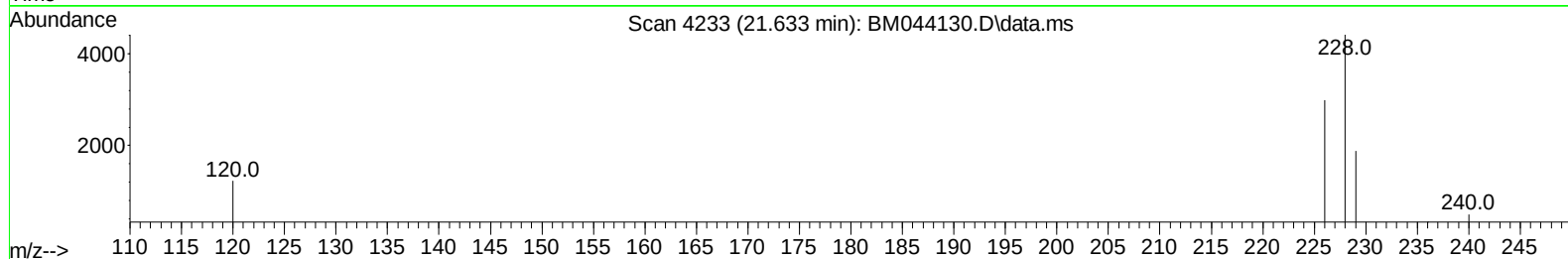
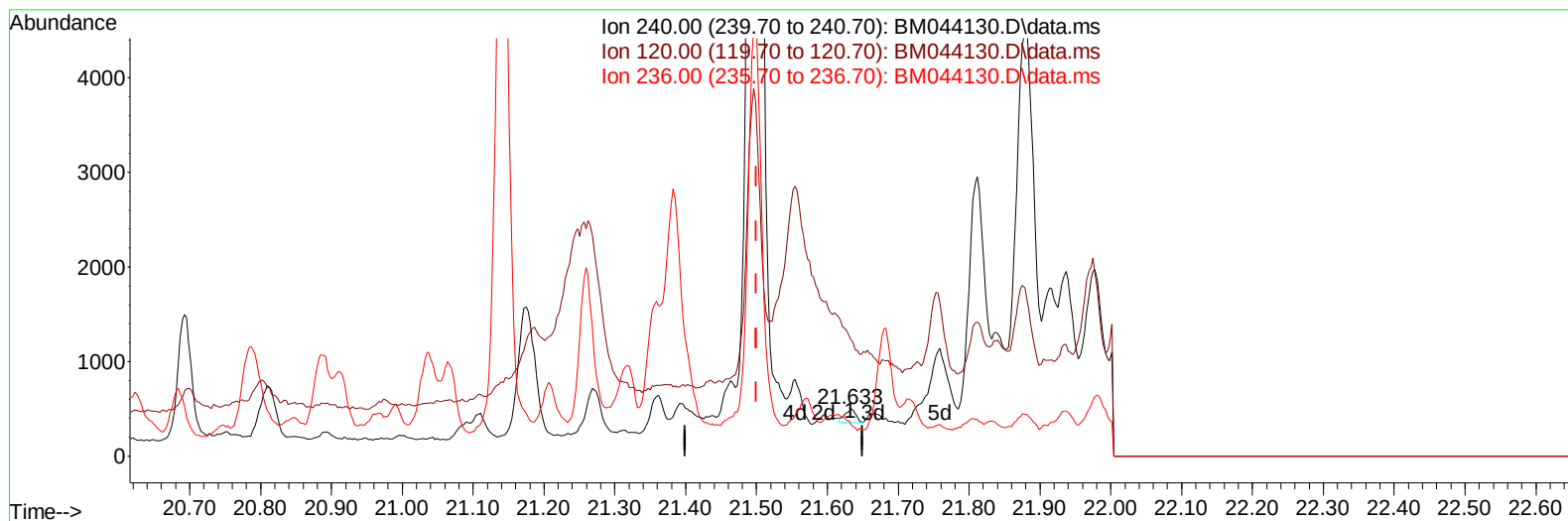
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
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TIC: BM044130.D\data.ms

(17) Chrysene-d12

21.633min (+ 0.133) 0.40 ng/u1

response 151

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	244.33#
236.00	30.60	65.81#
0.00	0.00	0.00

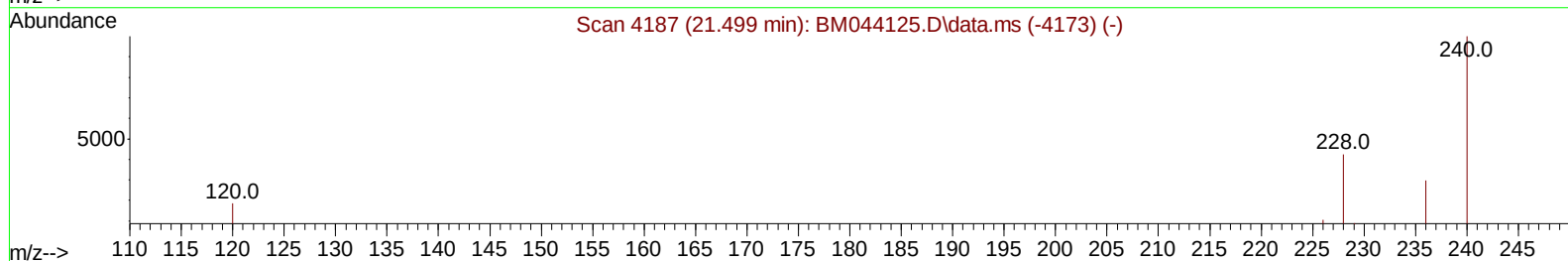
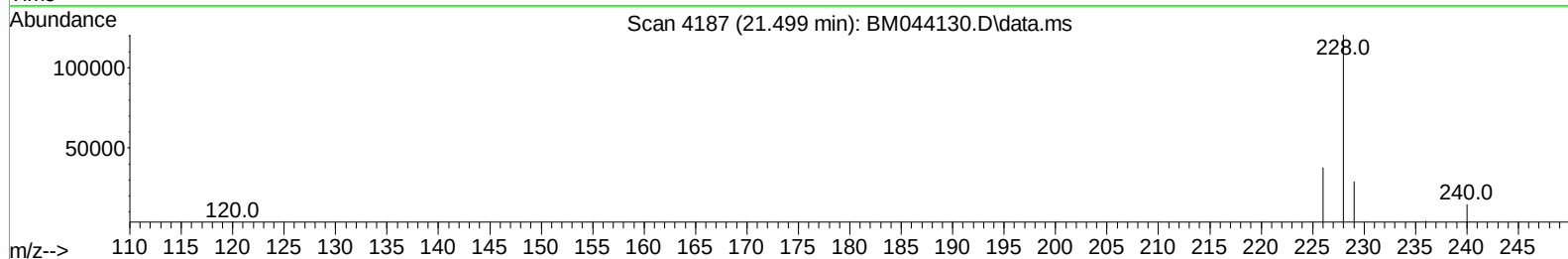
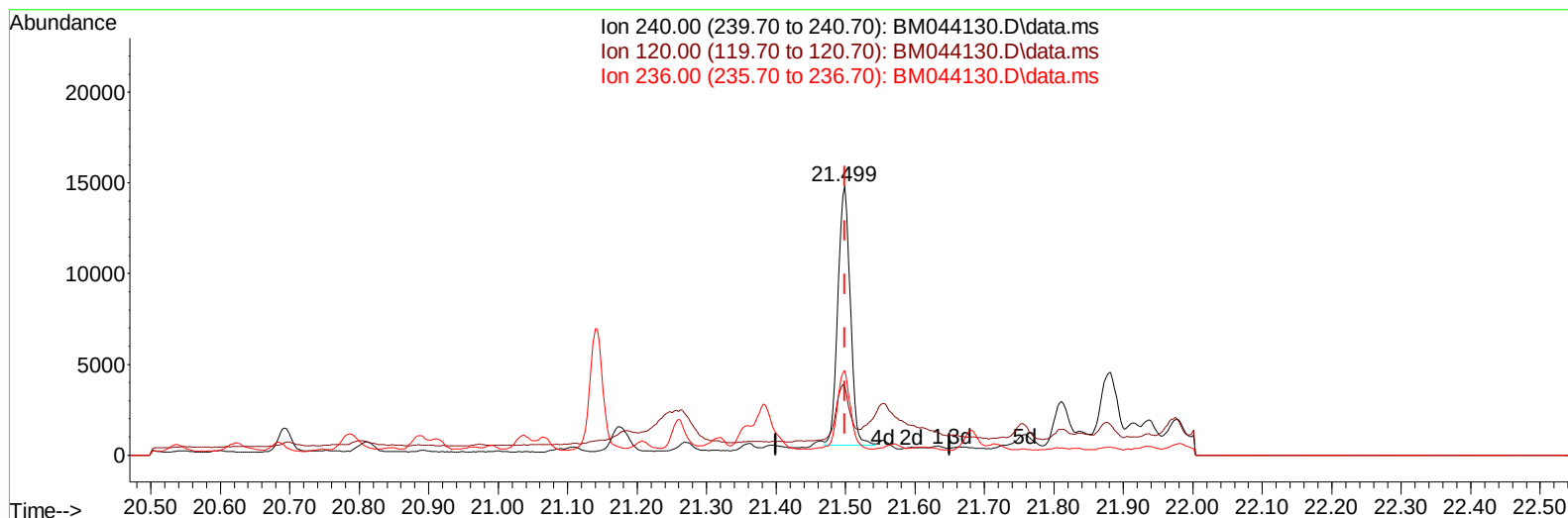
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
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TIC: BM044130.D\data.ms

(17) Chrysene-d12

21.499min (-0.001) 0.40 ng/ul m

response 17748

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	25.28#
236.00	30.60	31.52
0.00	0.00	0.00

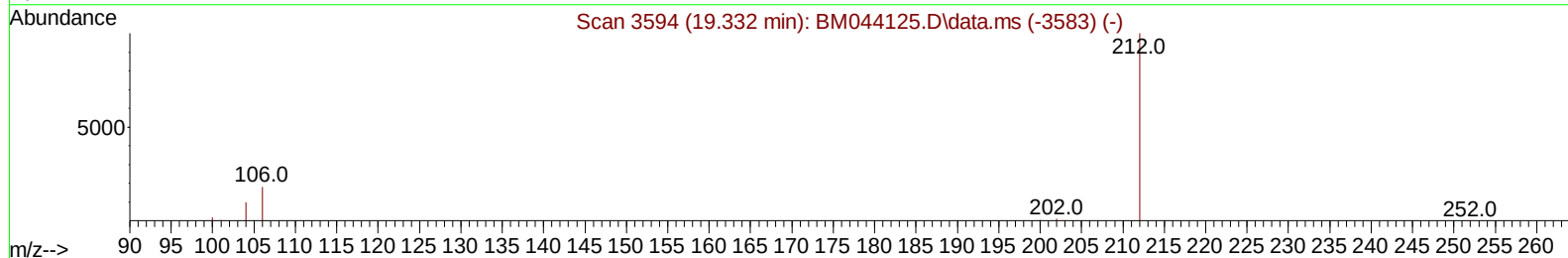
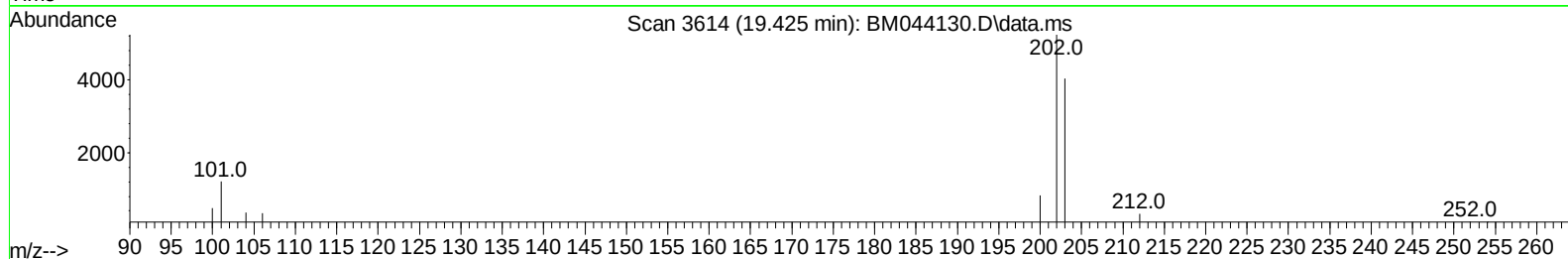
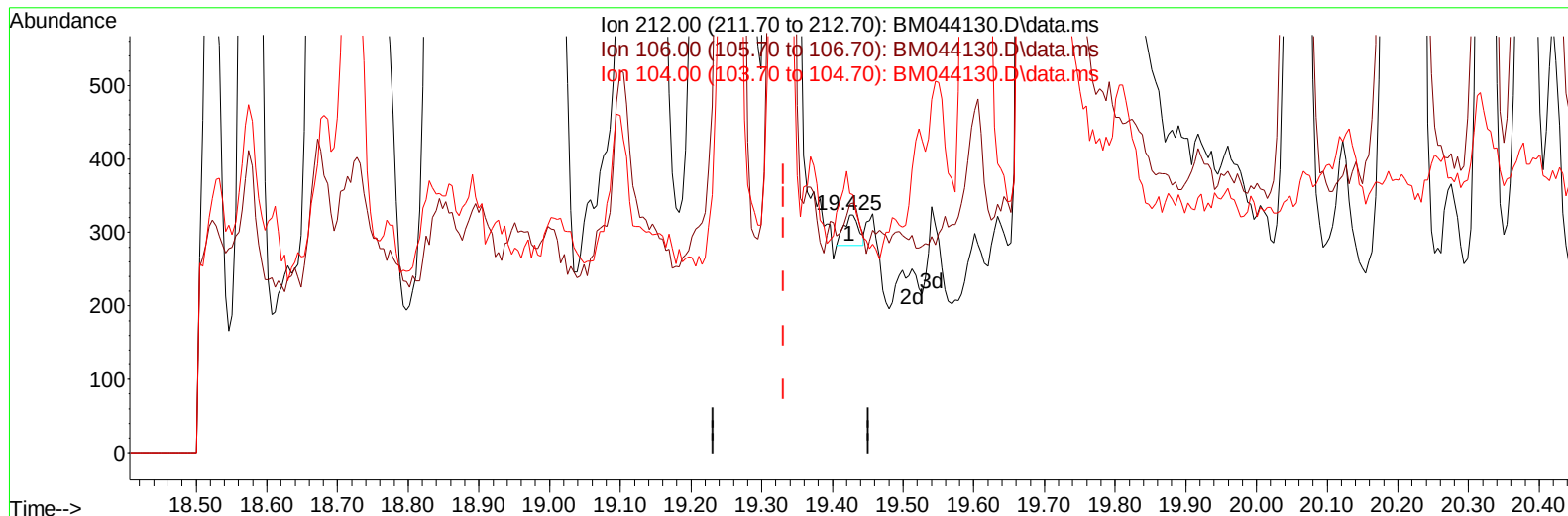
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM044130.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.425min (+ 0.094) 0.00 ng/u1

response 61

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	18.40	173.77#
104.00	10.10	370.49#
0.00	0.00	0.00

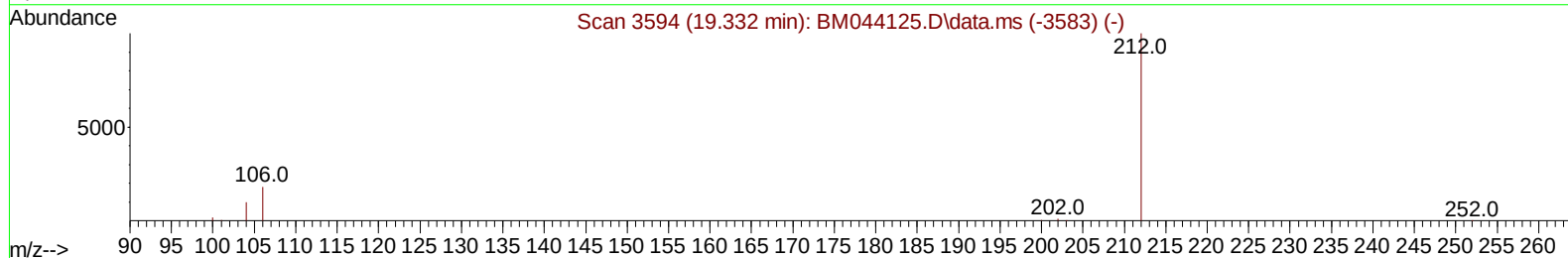
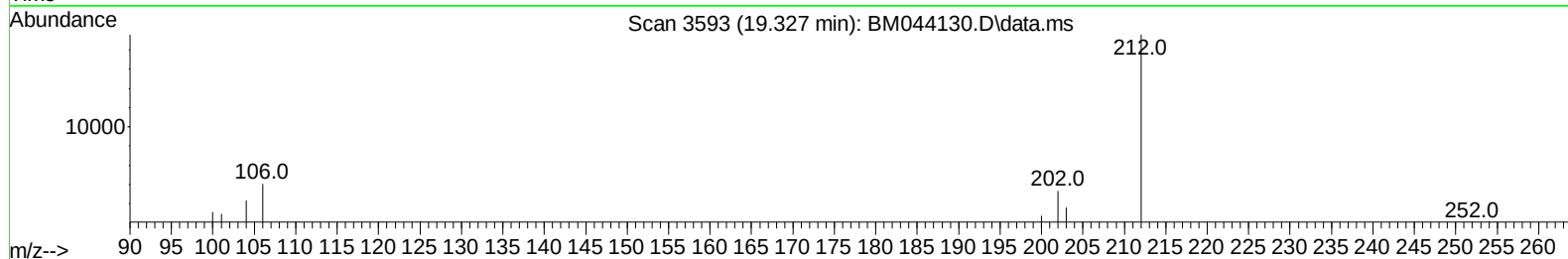
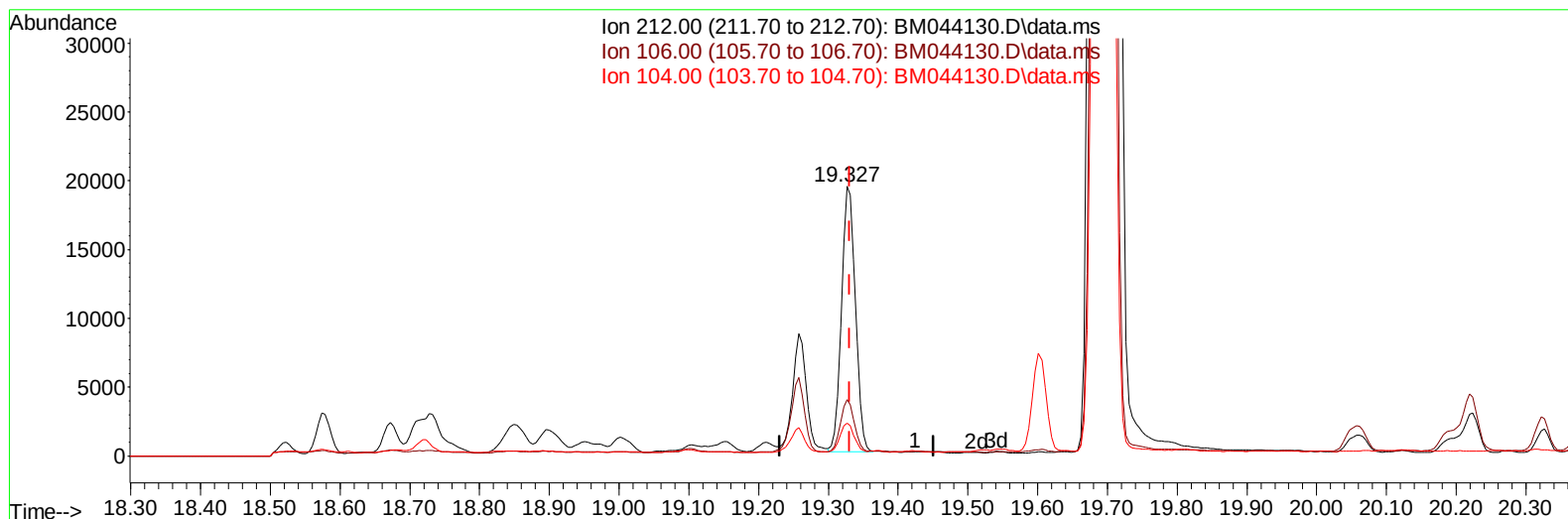
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.327min (-0.004) 0.50 ng/ul m

response 26599

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	18.40	0.40#
104.00	10.10	0.85#
0.00	0.00	0.00

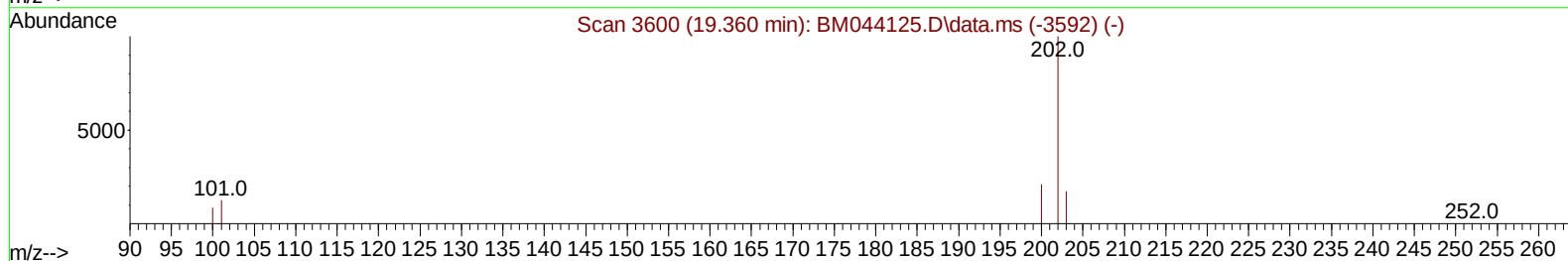
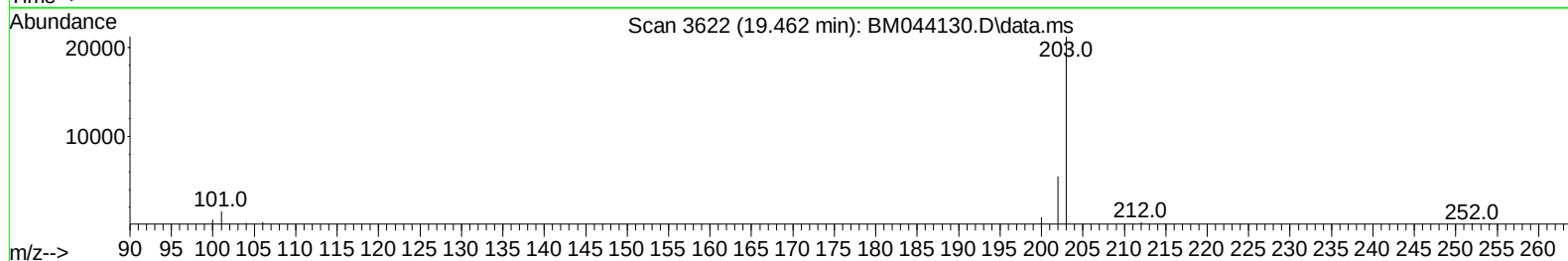
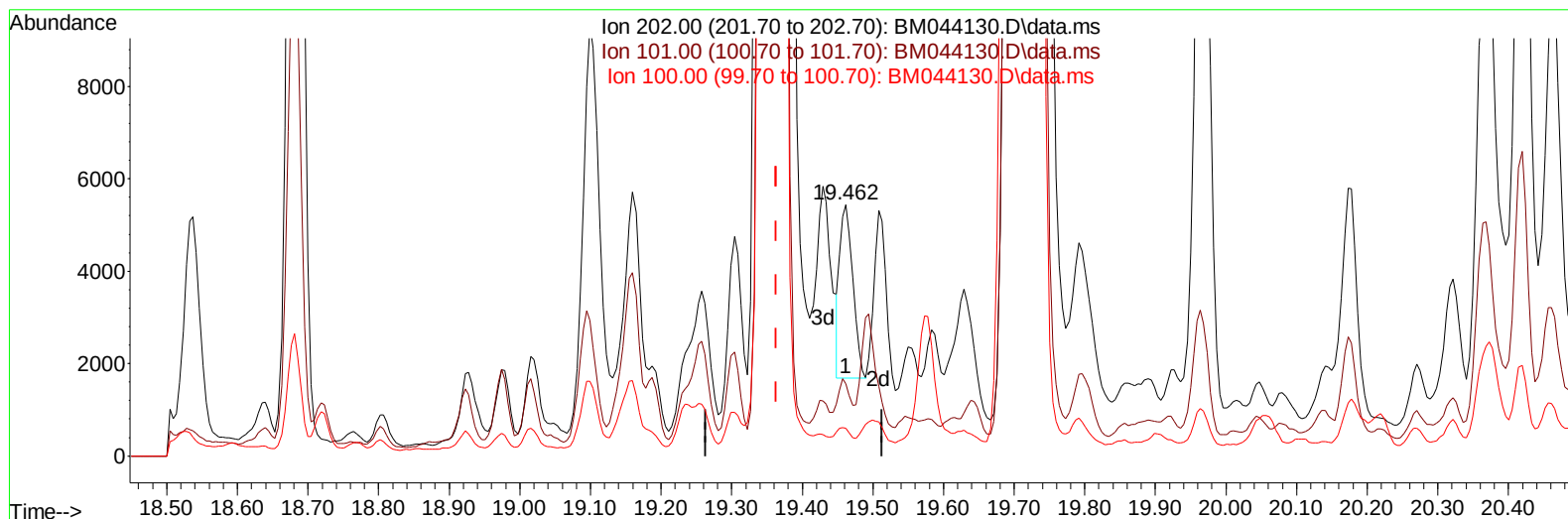
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
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TIC: BM044130.D\data.ms

(19) Fluoranthene (C)

19.462min (+ 0.098) 0.06 ng/u1

response 4811

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	28.63#
100.00	8.70	11.08#
0.00	0.00	0.00

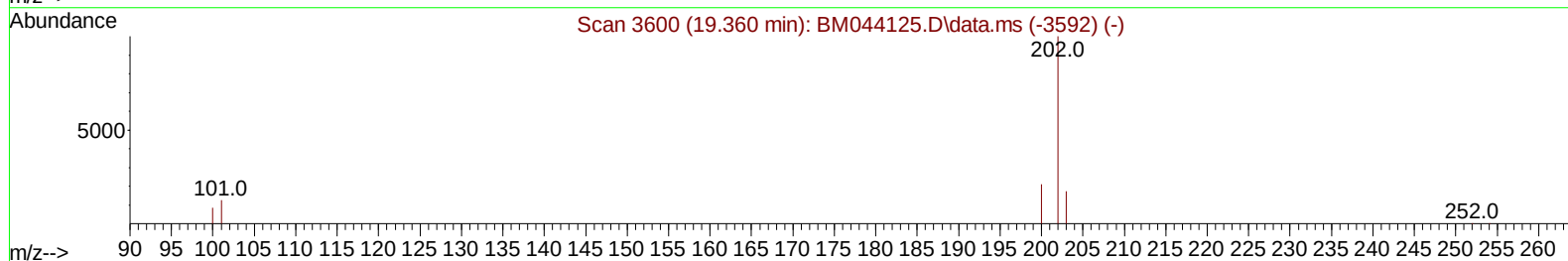
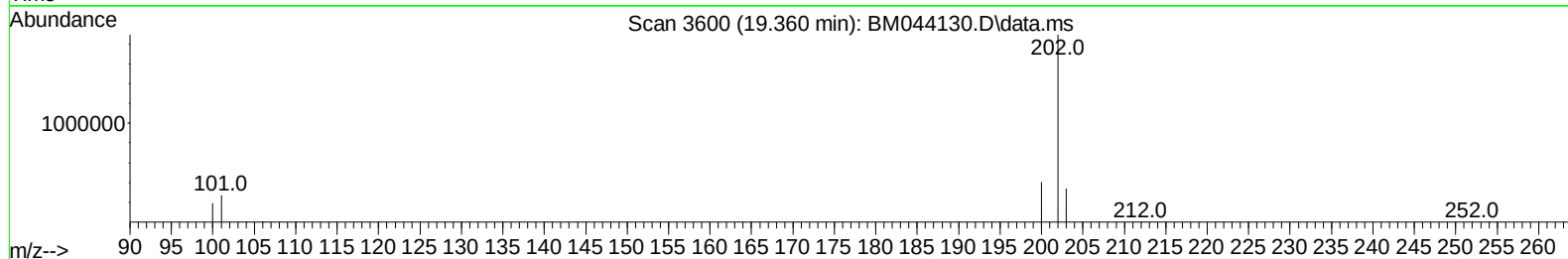
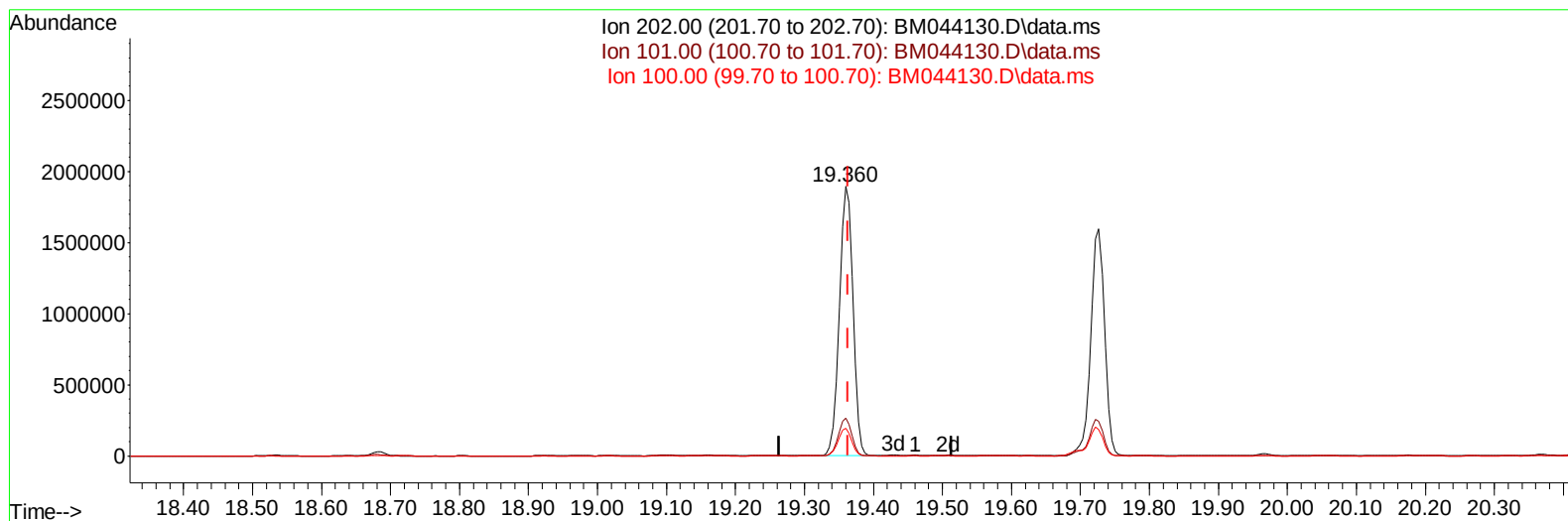
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
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TIC: BM044130.D\data.ms

(19) Fluoranthene (C)

19.360min (-0.004) 32.28 ng/ul m

response 2611583

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	14.09
100.00	8.70	10.22
0.00	0.00	0.00

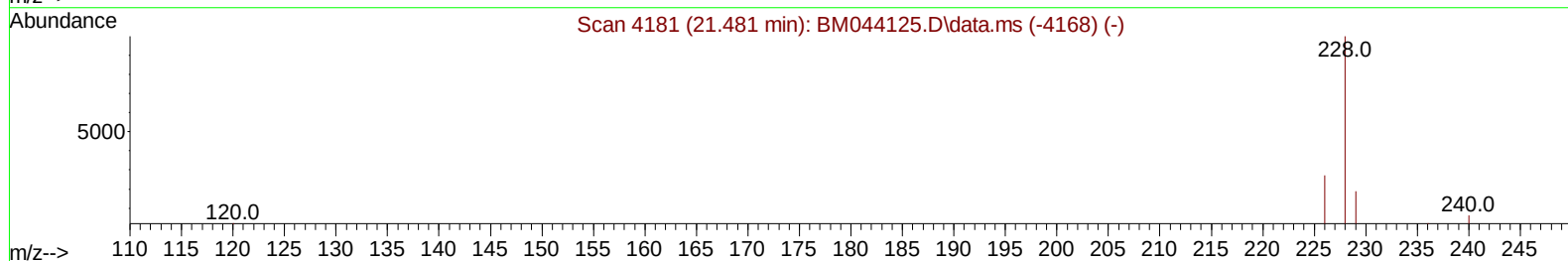
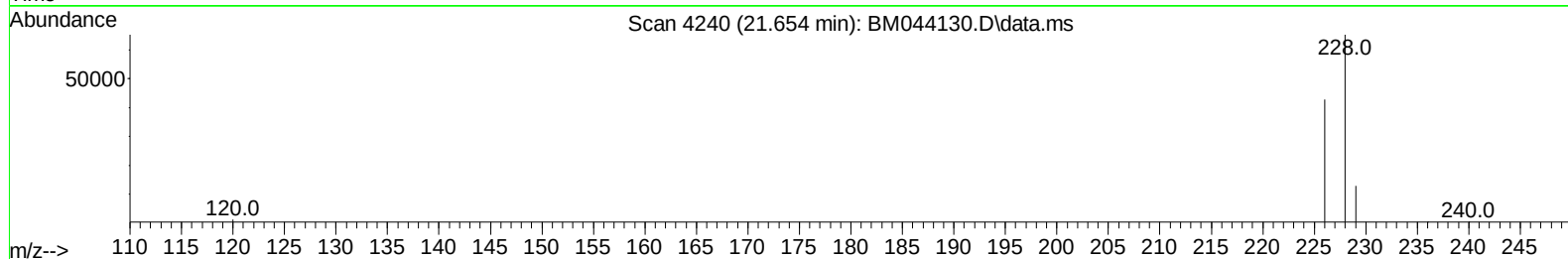
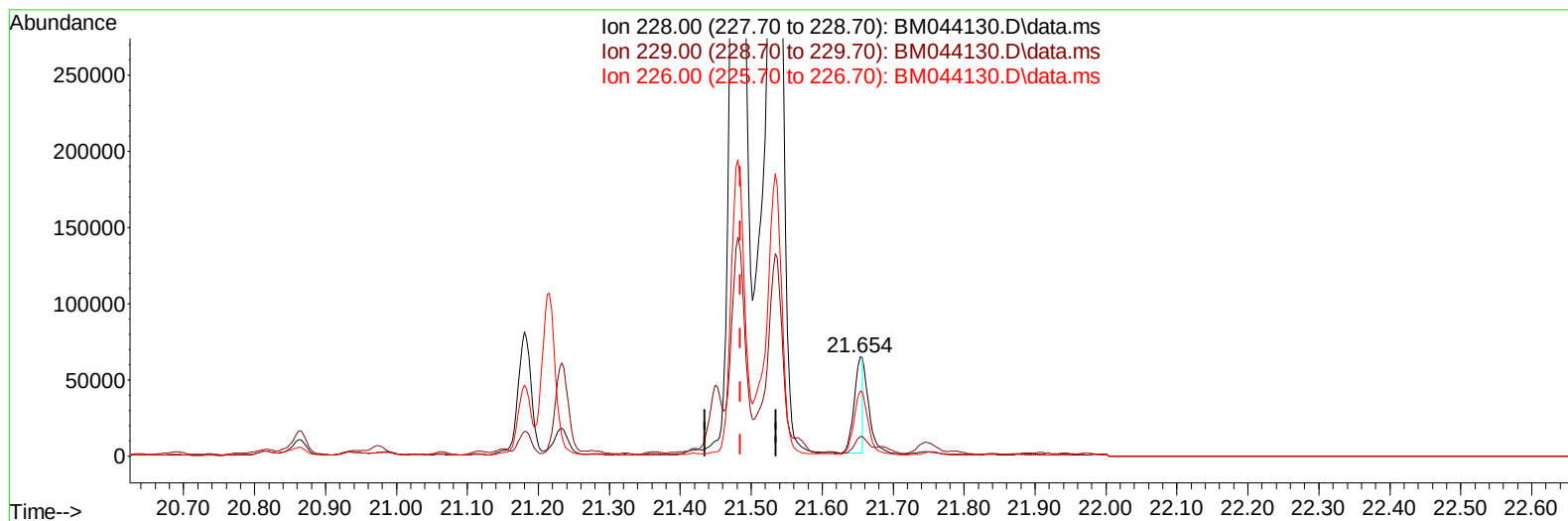
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
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TIC: BM044130.D\data.ms

(21) Benzo(a)anthracene

21.654min (+ 0.169) 0.66 ng/u1

response 53340

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	19.81
226.00	27.60	65.67#
0.00	0.00	0.00

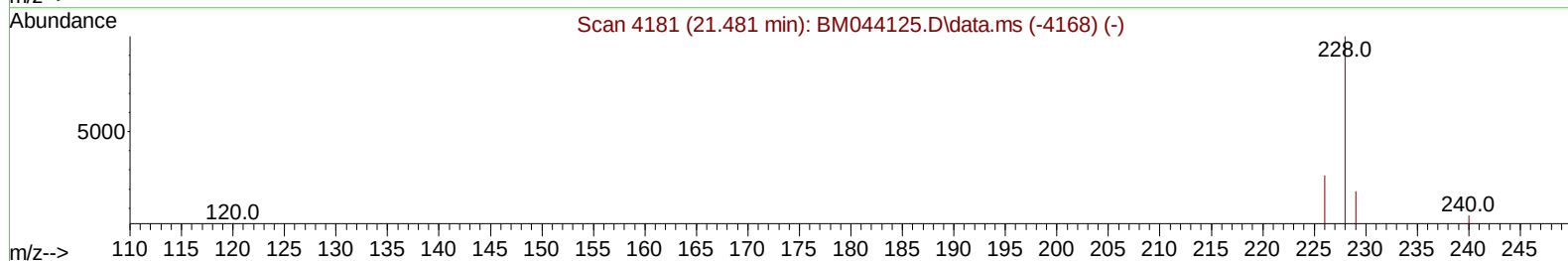
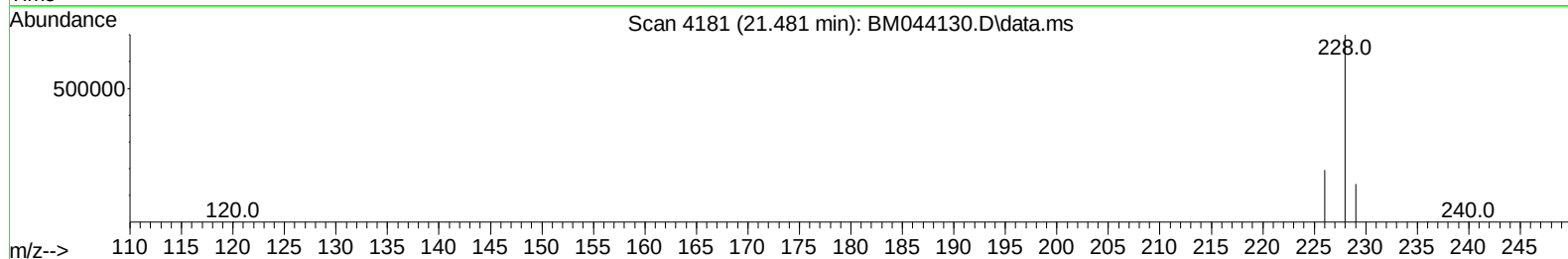
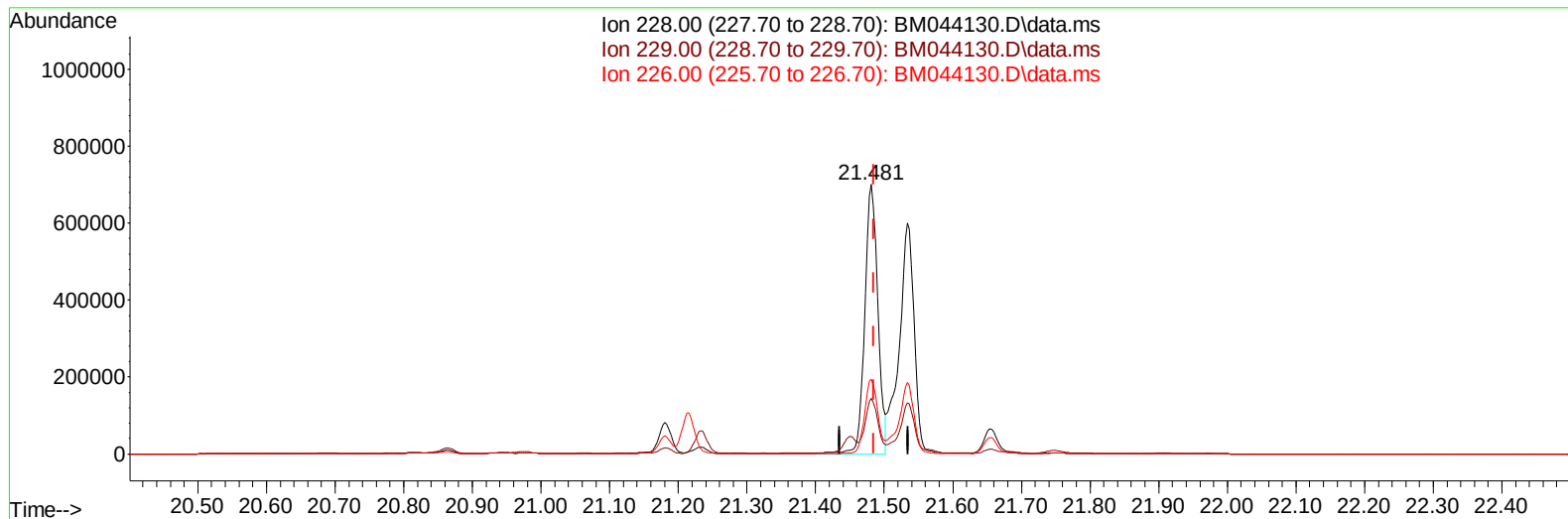
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(21) Benzo(a)anthracene

21.481min (-0.004) 11.43 ng/ul m

response 928738

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	20.54
226.00	27.60	27.80
0.00	0.00	0.00

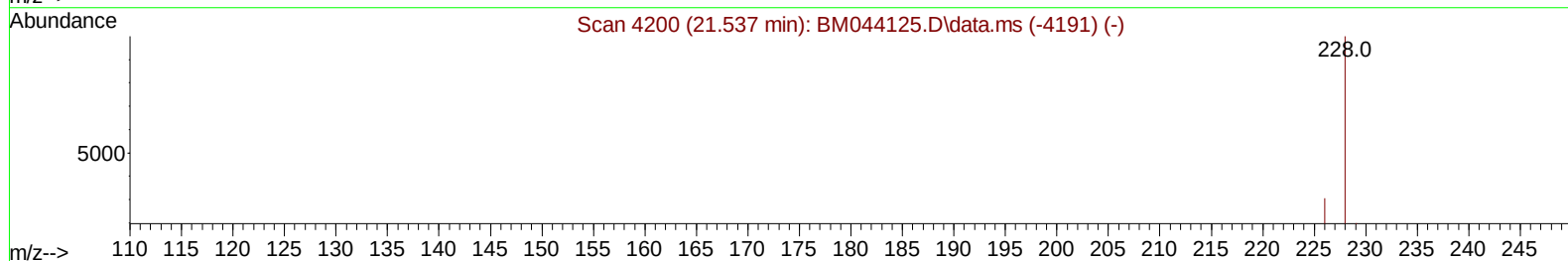
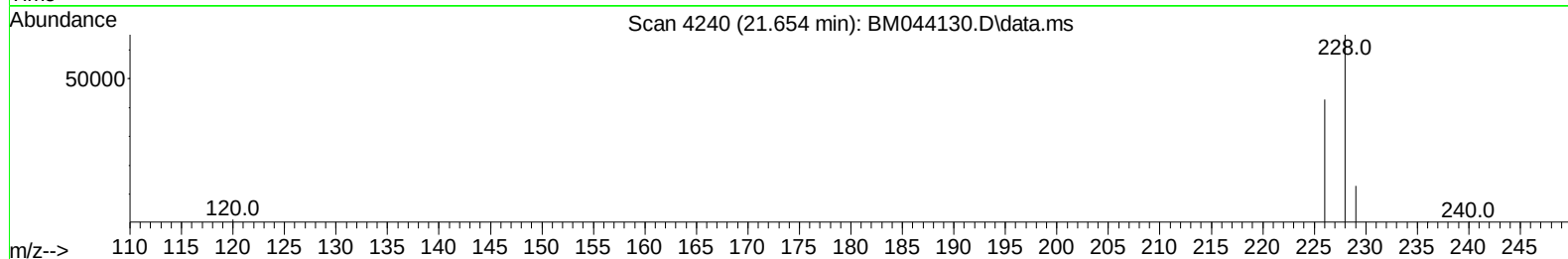
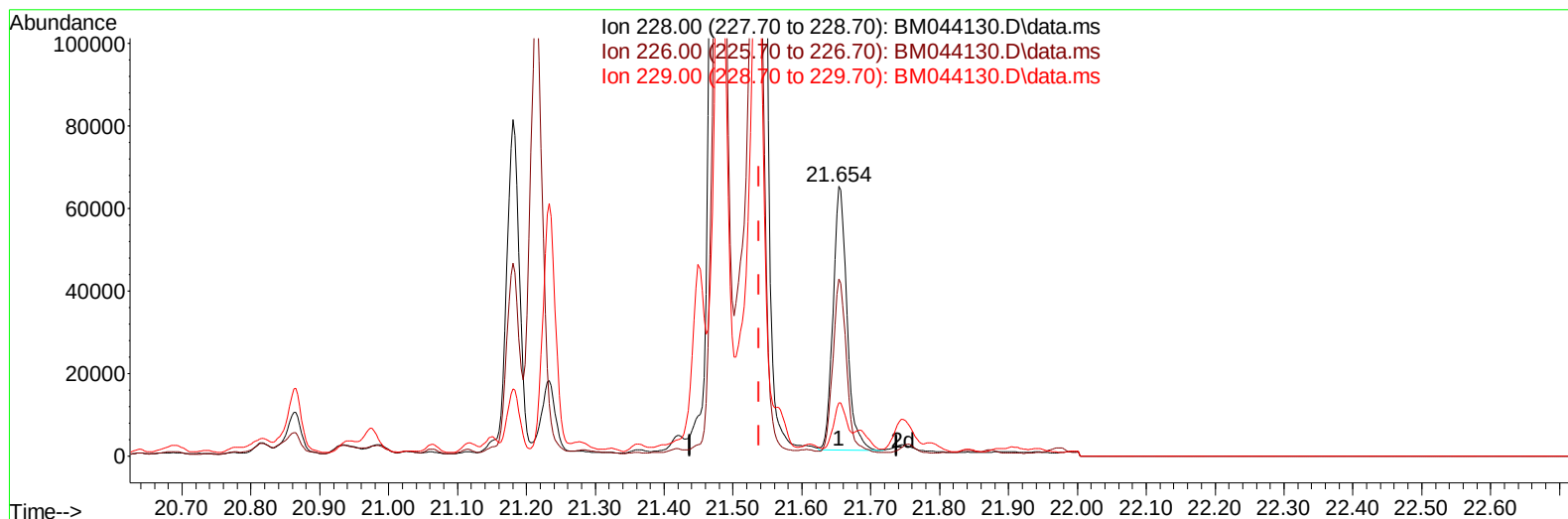
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

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TIC: BM044130.D\data.ms

(22) Chrysene

21.654min (+ 0.116) 1.02 ng/u1

response 89734

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	65.67#
229.00	19.70	19.81
0.00	0.00	0.00

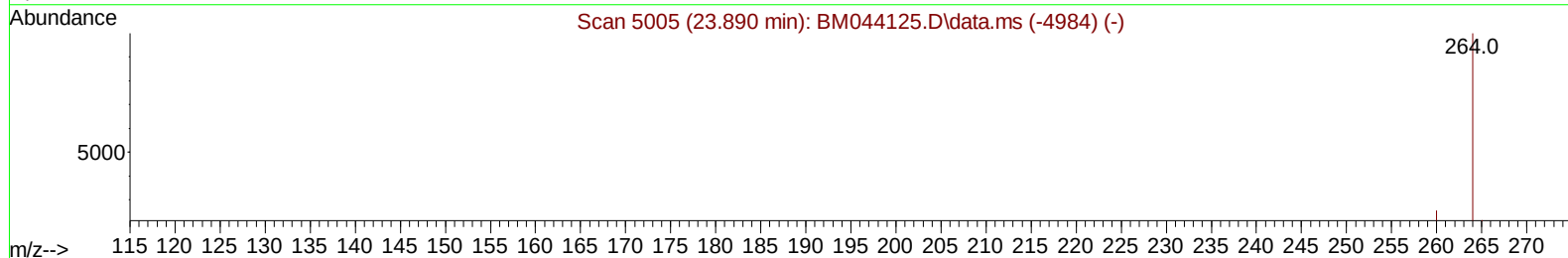
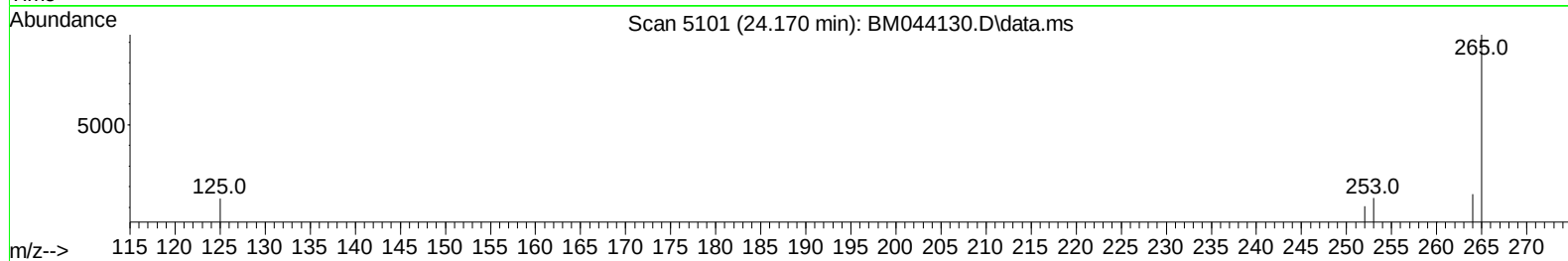
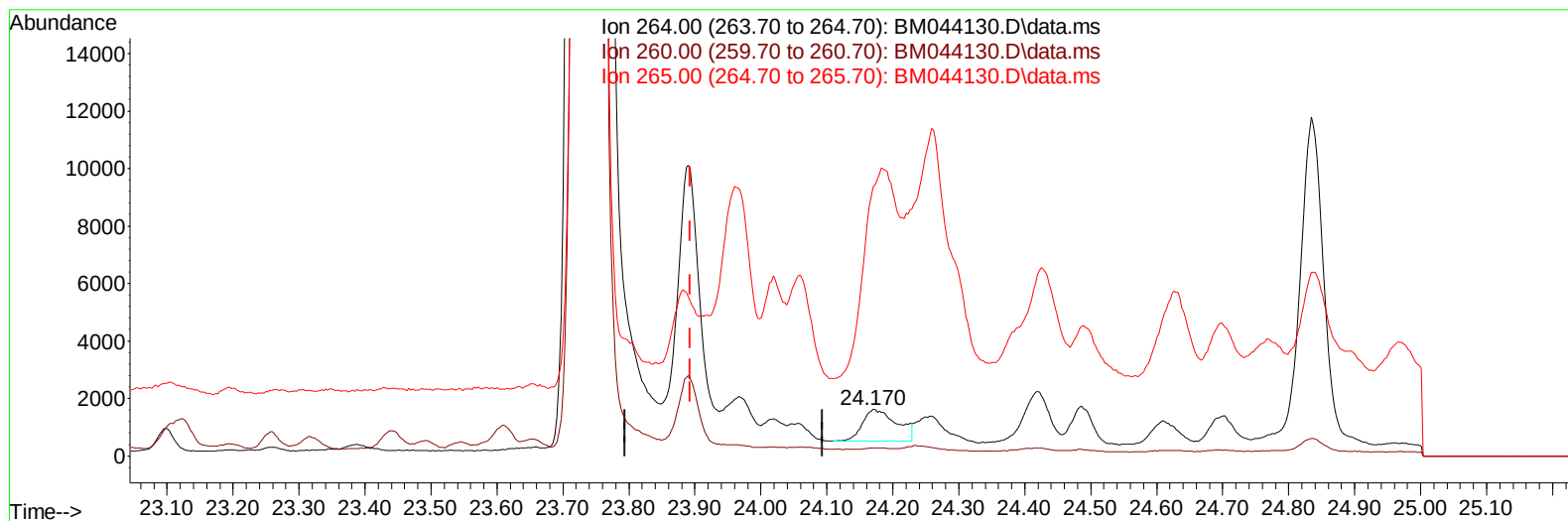
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(23) Perylene-d12 (I)

24.170min (+ 0.277) 0.40 ng/u1

response 3951

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	17.53#
265.00	45.40	576.01#
0.00	0.00	0.00

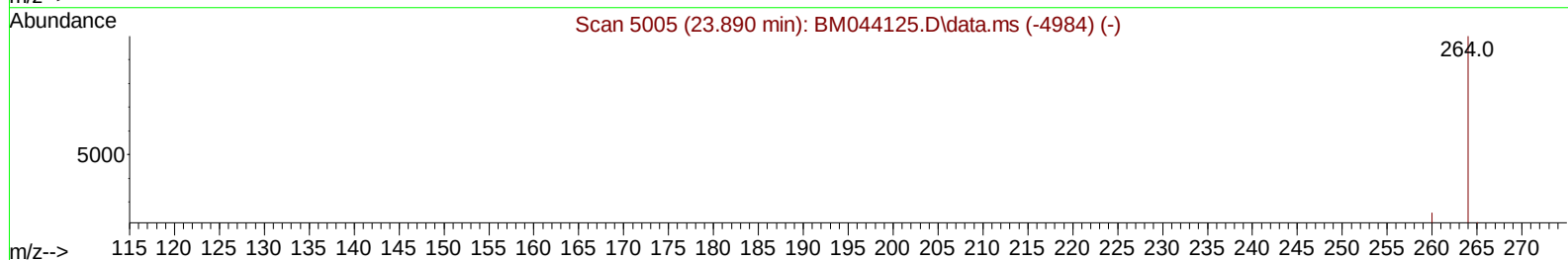
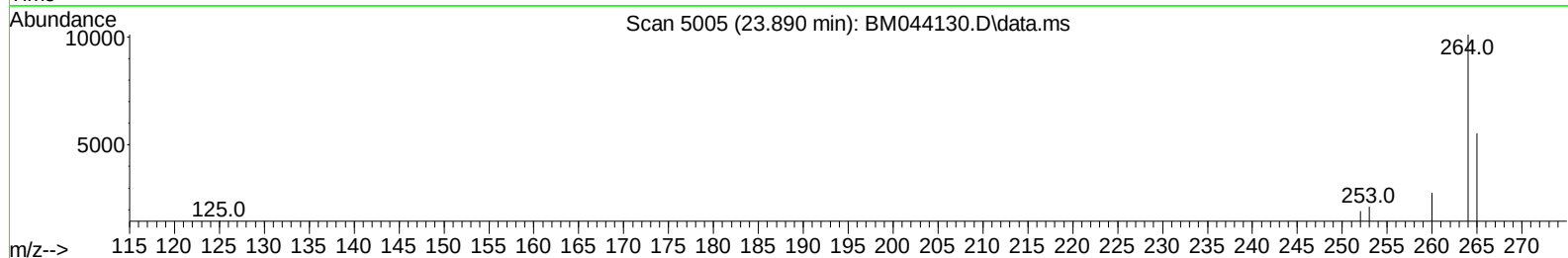
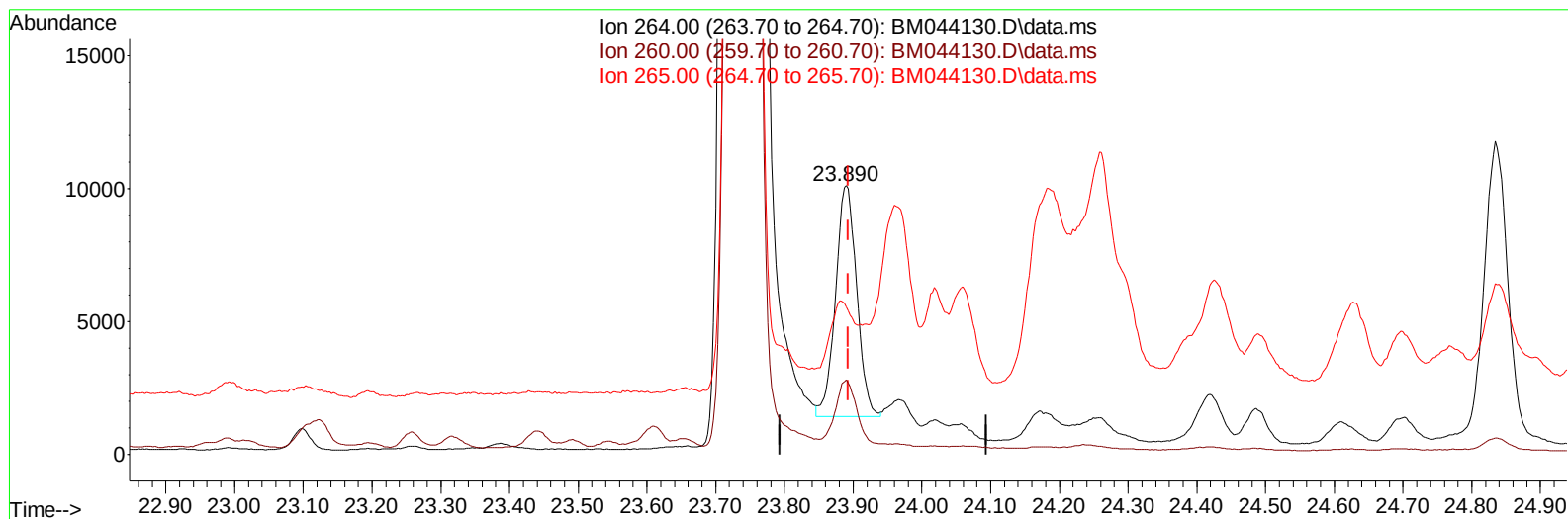
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(23) Perylene-d12 (I)

23.890min (-0.004) 0.40 ng/ul m

response 18604

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	27.62
265.00	45.40	54.83#
0.00	0.00	0.00

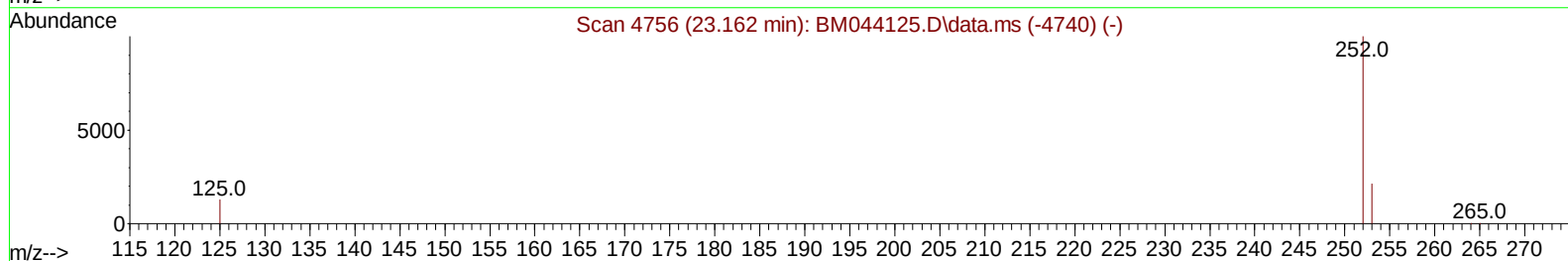
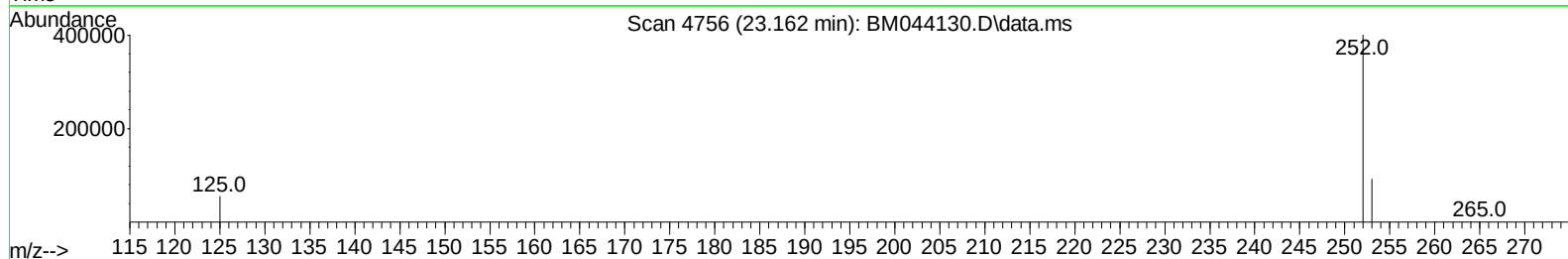
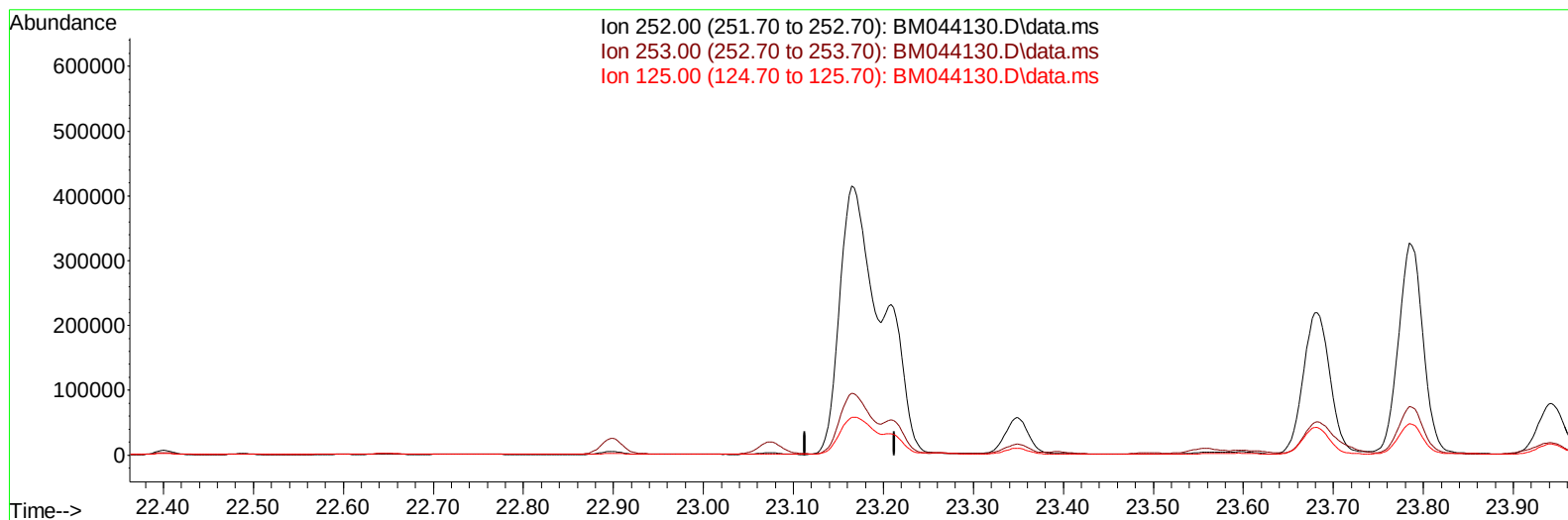
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044130.D
 Acq On : 16 Feb 2024 09:42
 Operator : MA/JU
 Sample : P1305-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(24) Benzo(b)fluoranthene

23.163min (-23.163) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	25.00	0.00
125.00	14.10	0.00
0.00	0.00	0.00

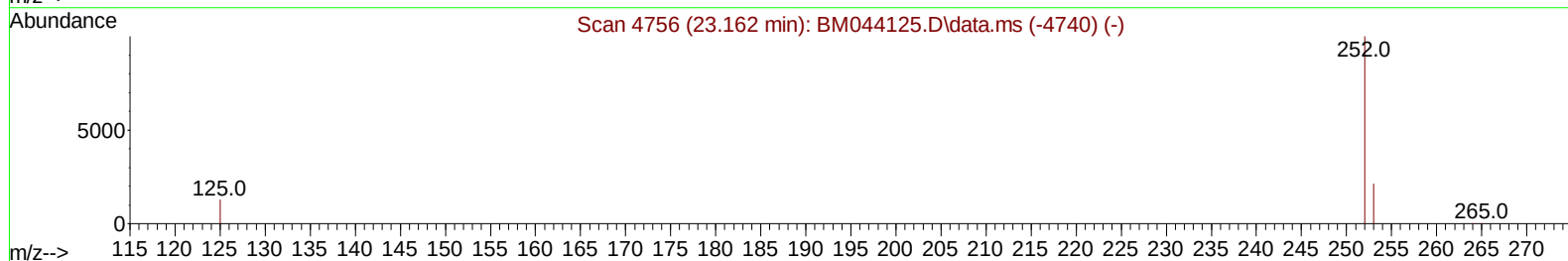
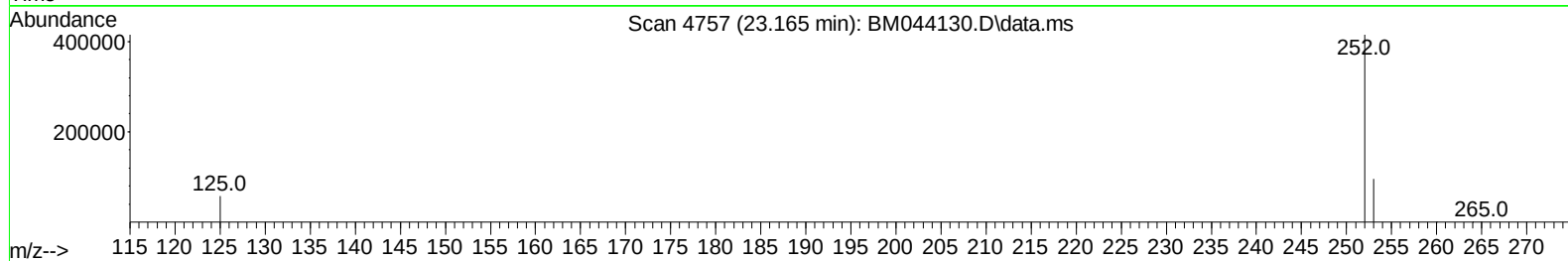
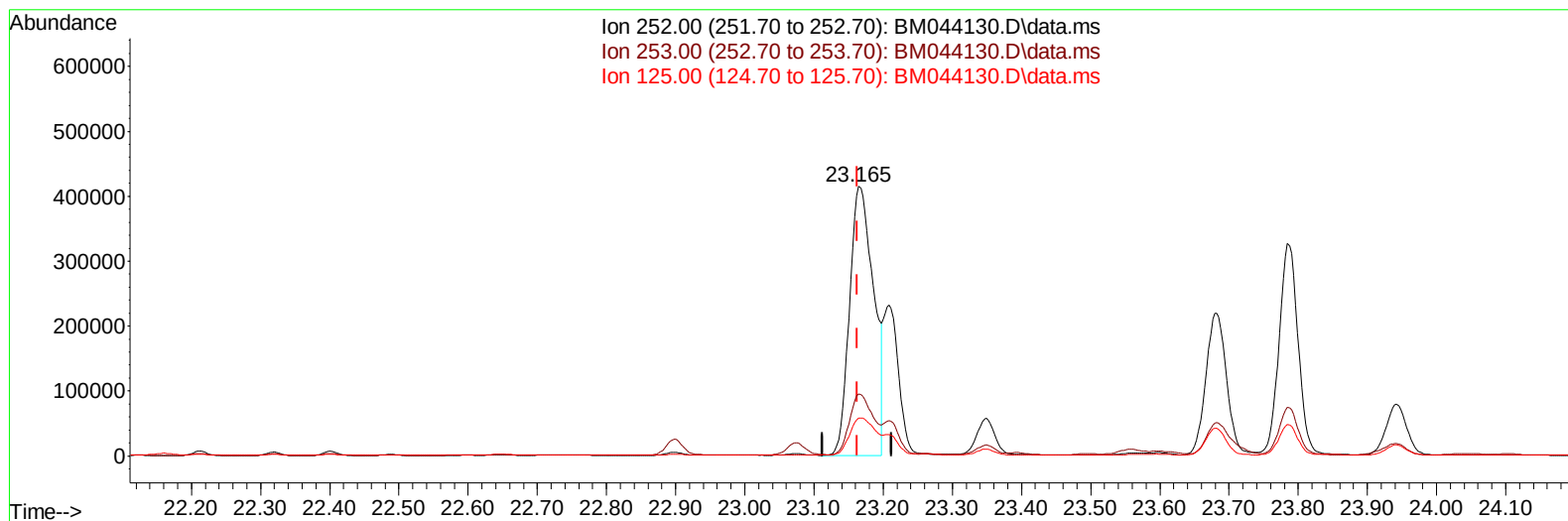
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(24) Benzo(b)fluoranthene

23.165min (+ 0.002) 13.01 ng/ul m

response 998836

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	23.02
125.00	14.10	14.05
0.00	0.00	0.00

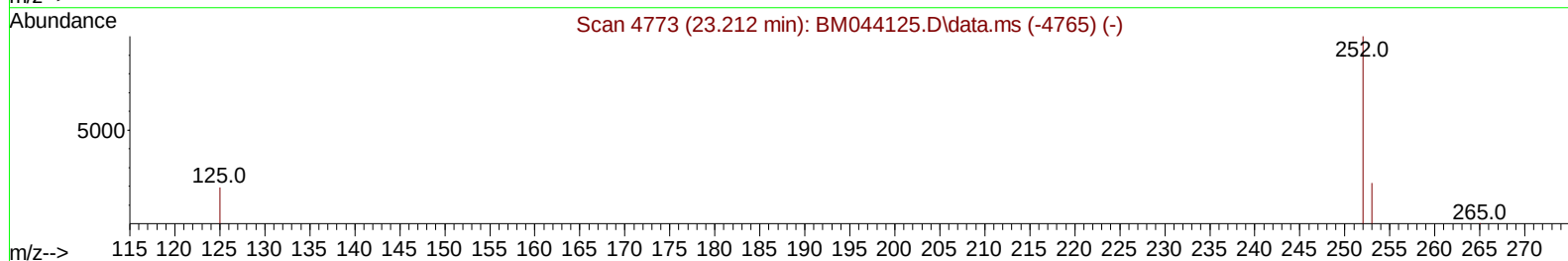
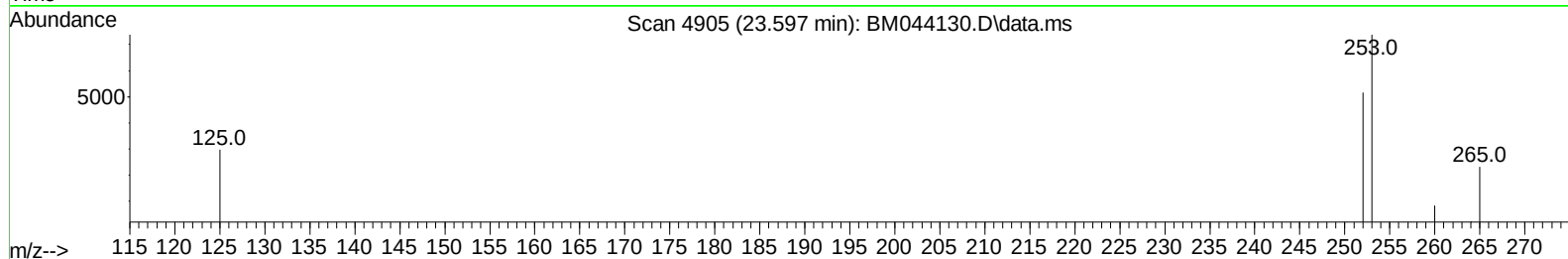
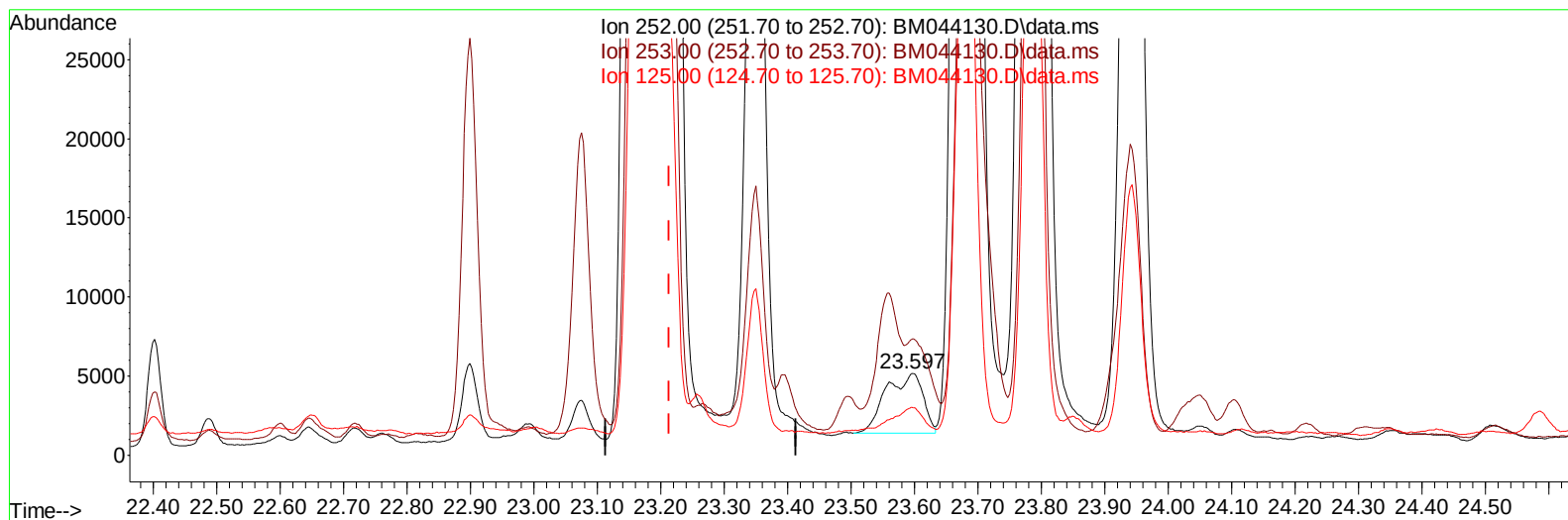
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(25) Benzo(k)fluoranthene

23.597min (+ 0.385) 0.18 ng/u1

response 15312

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	142.65#
125.00	15.40	57.68#
0.00	0.00	0.00

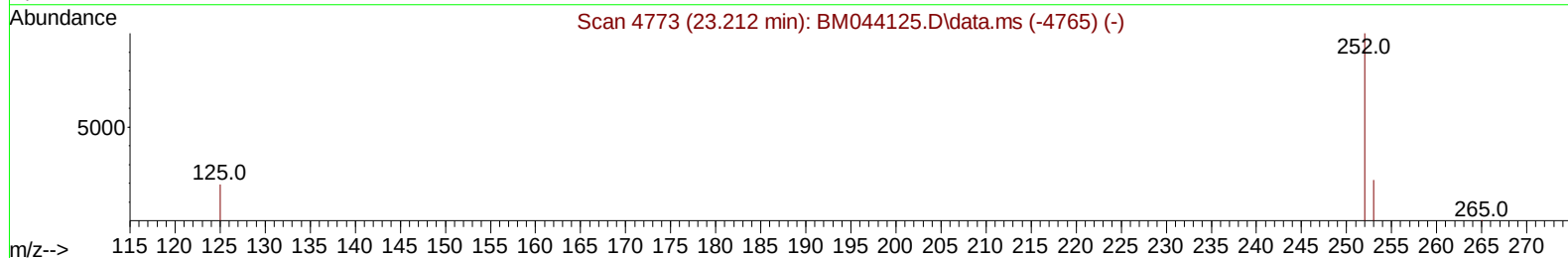
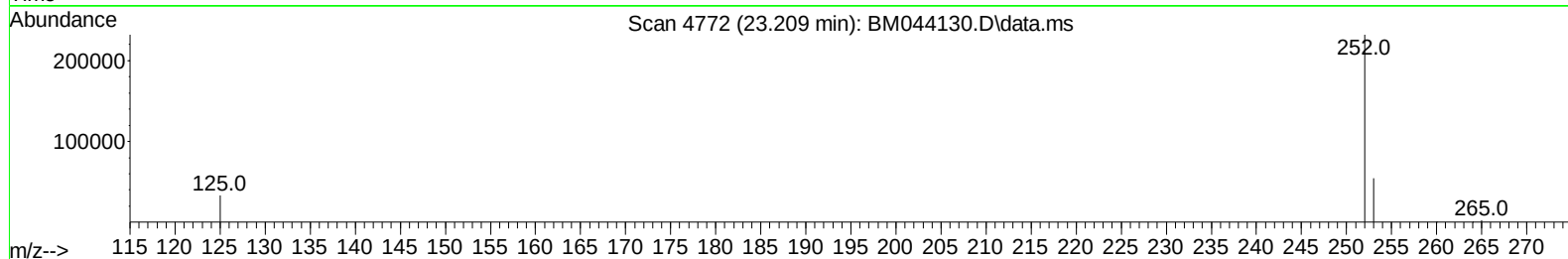
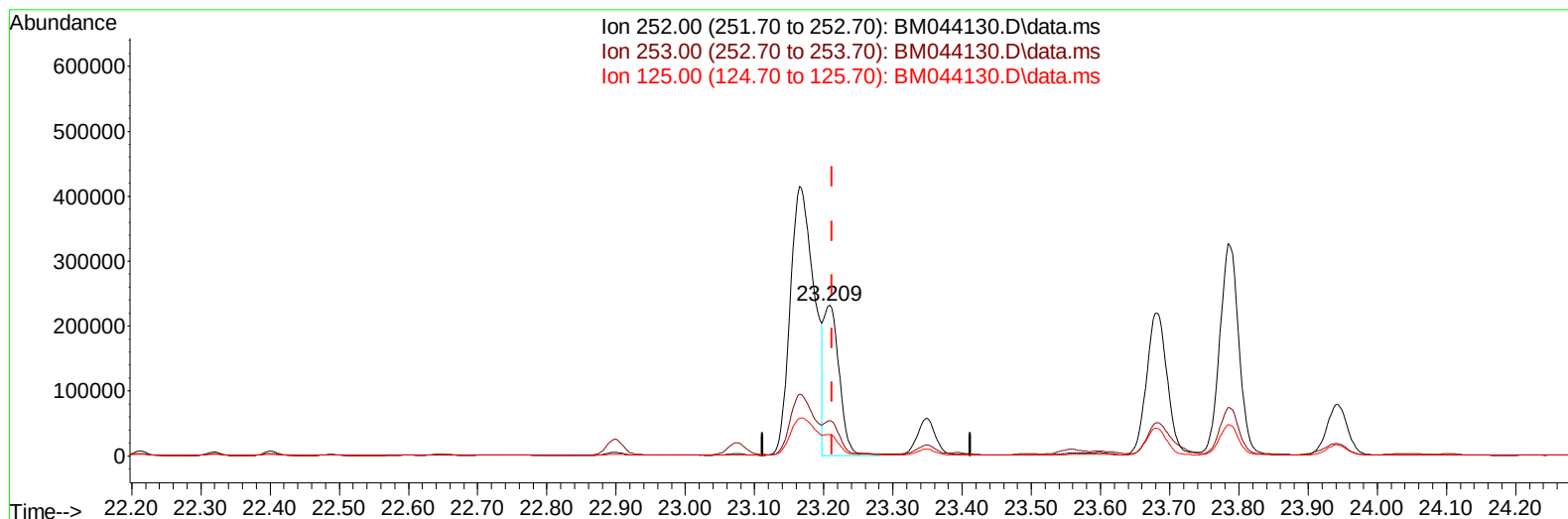
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(25) Benzo(k)fluoranthene

23.209min (-0.004) 4.35 ng/ul m

response 362351

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.42
125.00	15.40	14.27
0.00	0.00	0.00

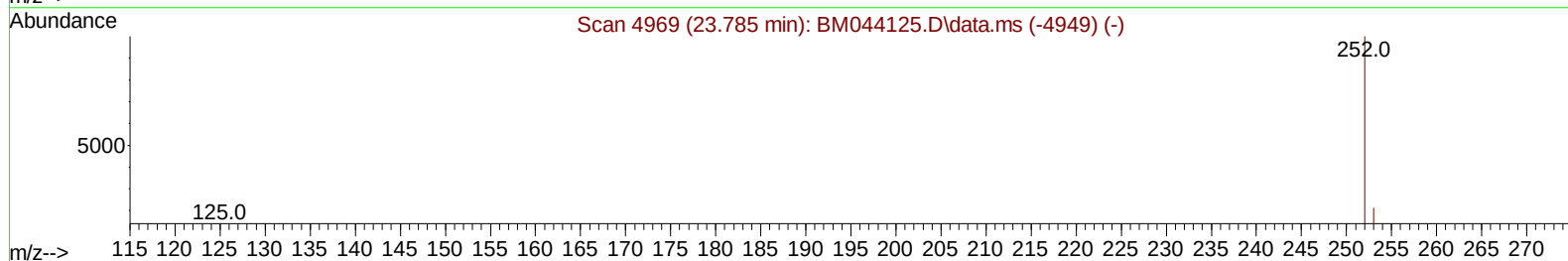
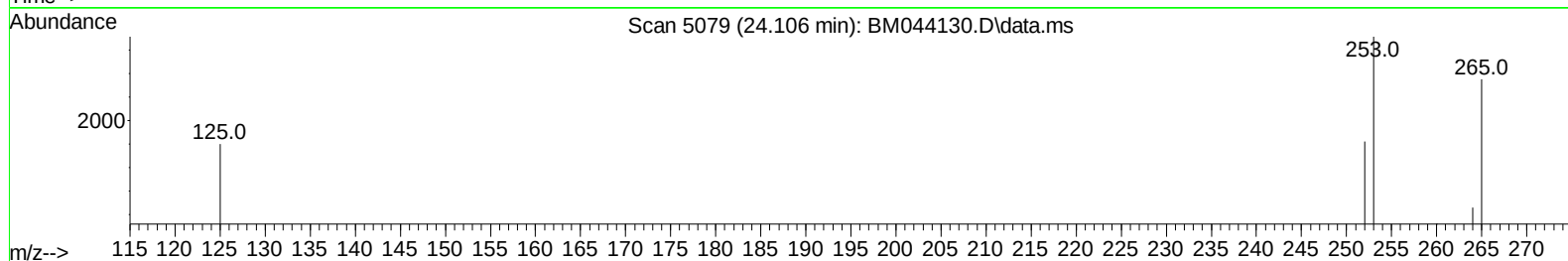
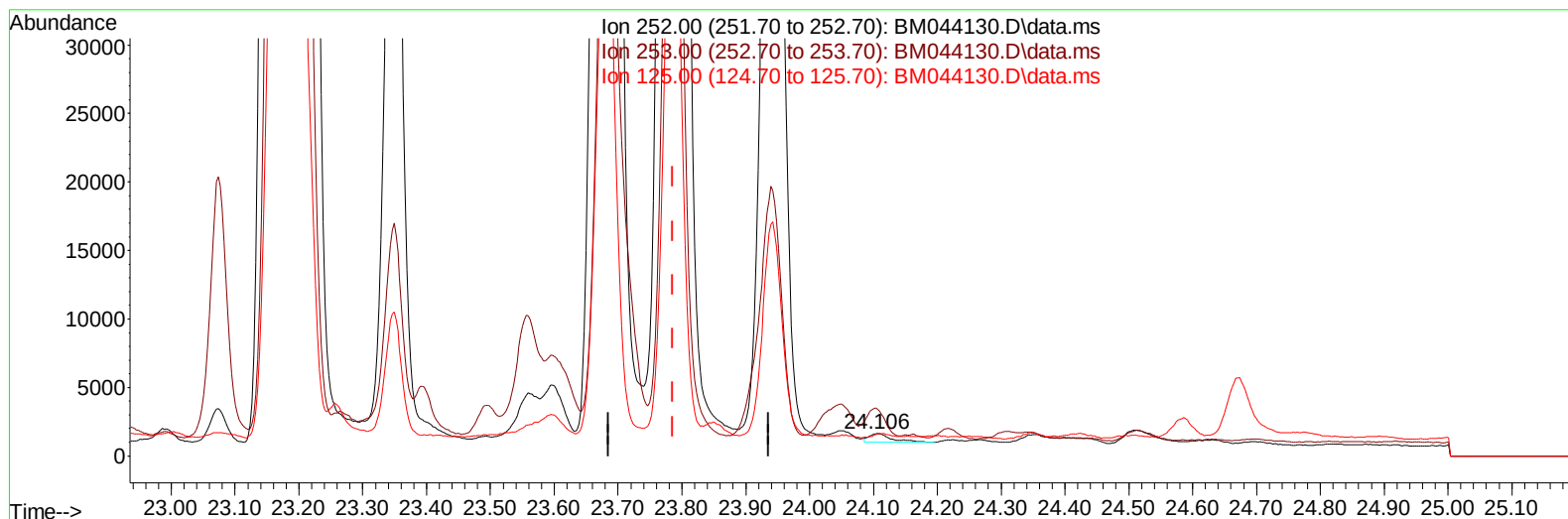
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(26) Benzo(a)pyrene (C)

24.106min (+ 0.321) 0.02 ng/u1

response 1648

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	208.21#
125.00	16.60	97.57#
0.00	0.00	0.00

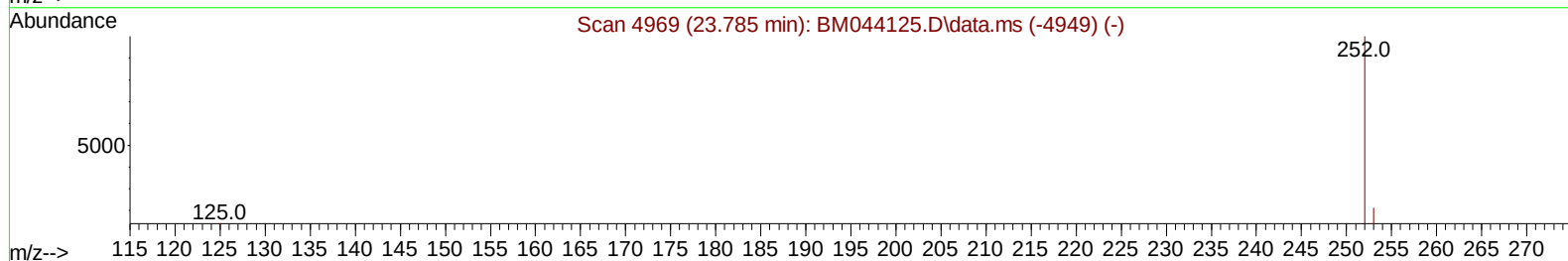
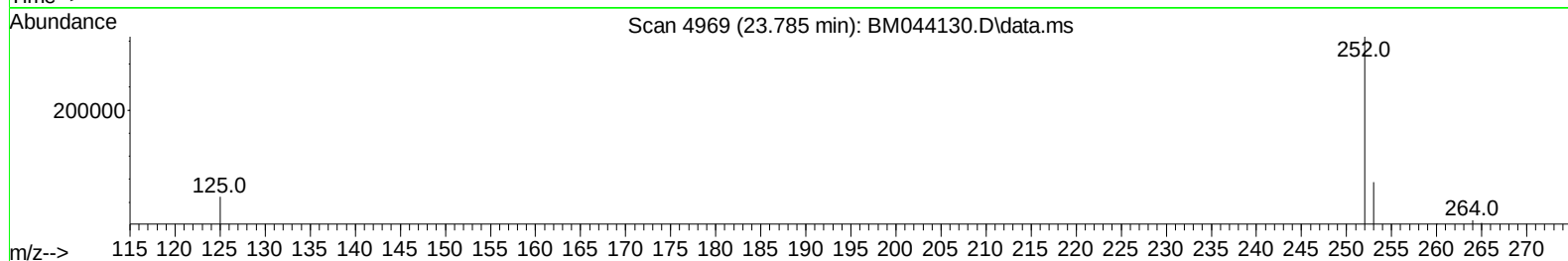
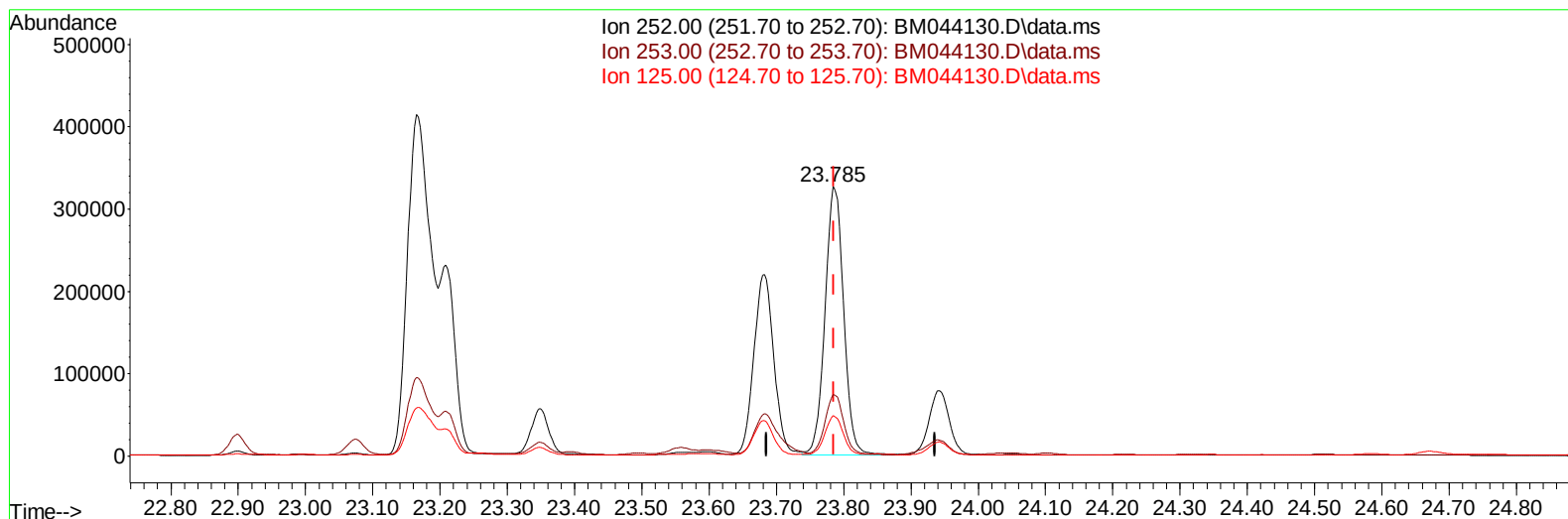
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(26) Benzo(a)pyrene (C)

23.785min (-0.001) 8.76 ng/ul m

response 625035

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	22.77
125.00	16.60	14.96
0.00	0.00	0.00

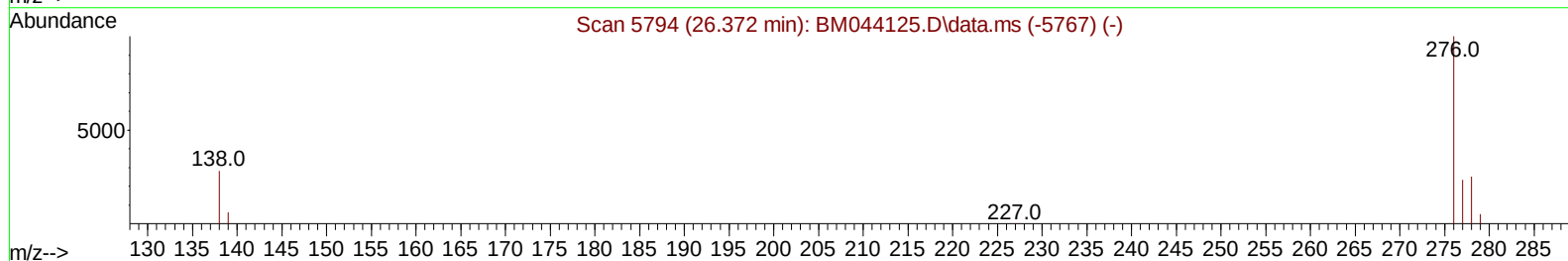
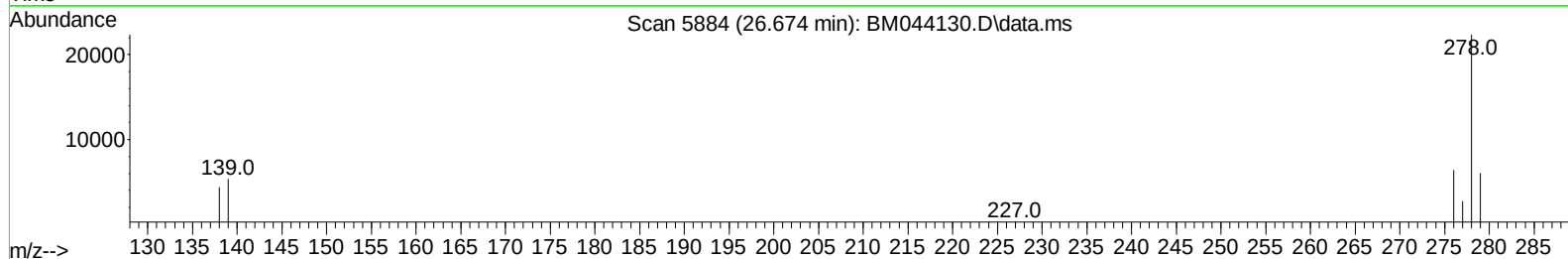
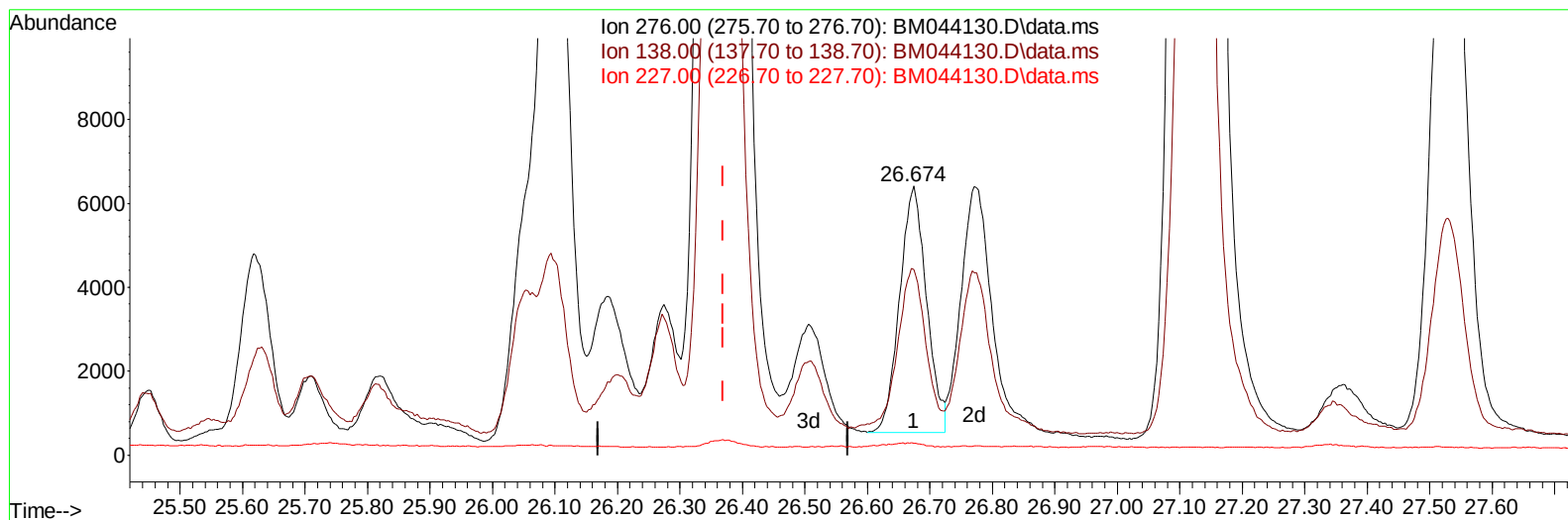
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

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

26.674min (+ 0.304) 0.19 ng/u1

response 17594

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	31.50	66.98#
227.00	0.10	1.60#
0.00	0.00	0.00

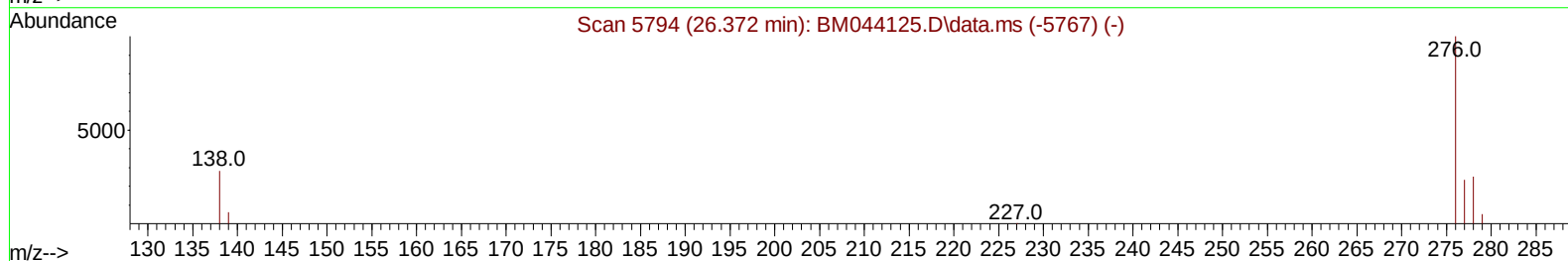
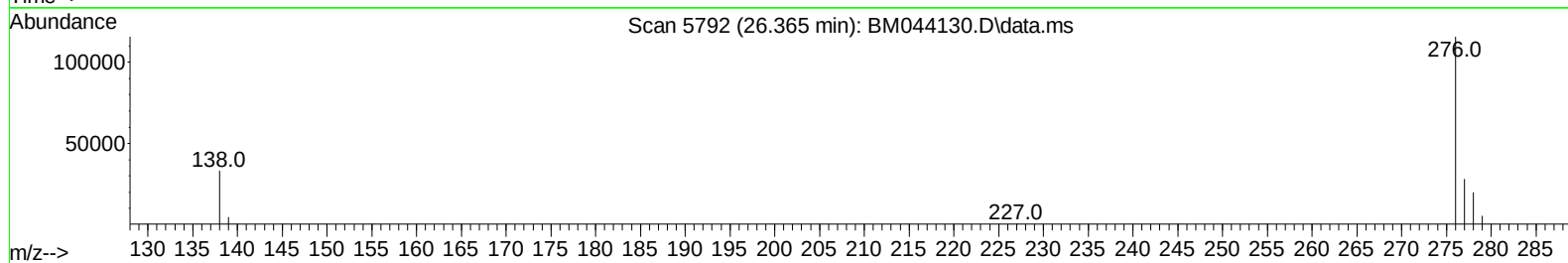
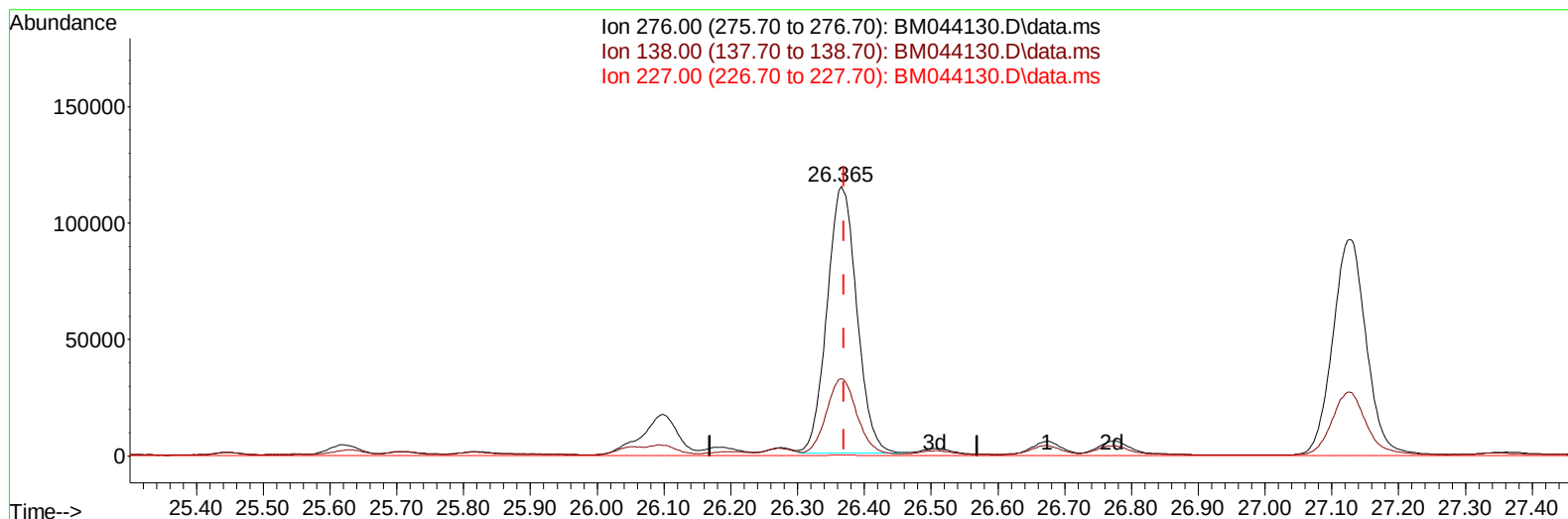
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

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

26.365min (-0.004) 3.90 ng/ul m

response 354797

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	31.50	3.32#
227.00	0.10	0.08#
0.00	0.00	0.00

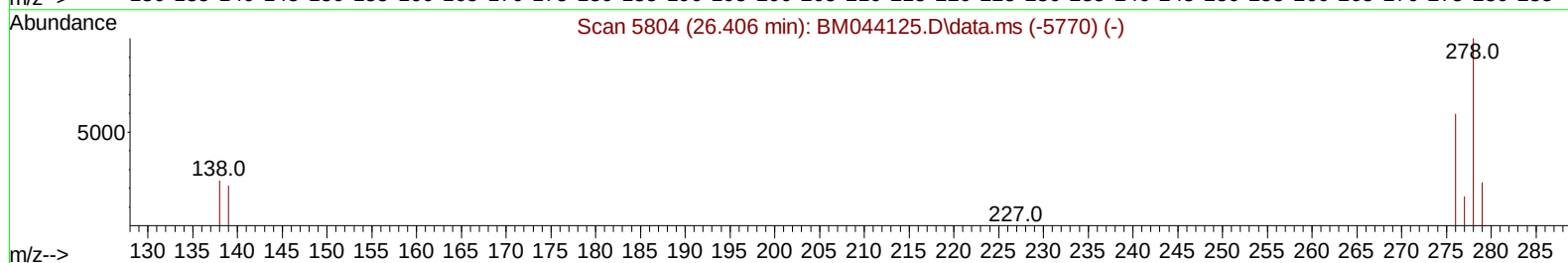
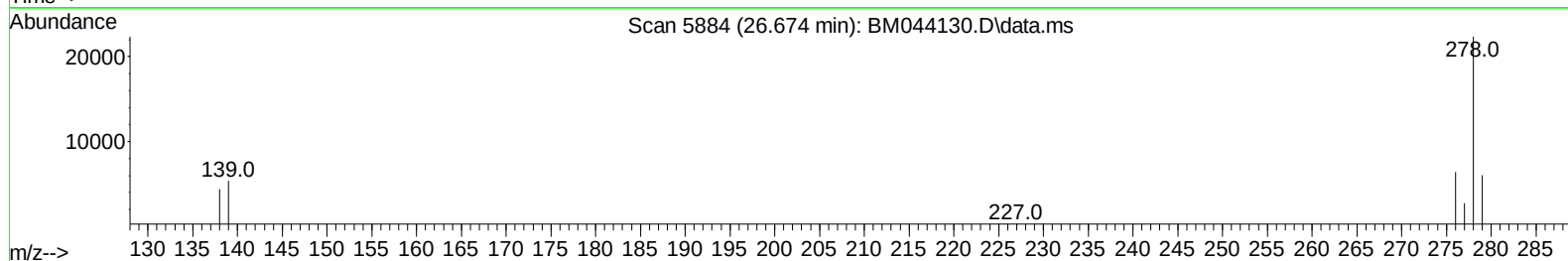
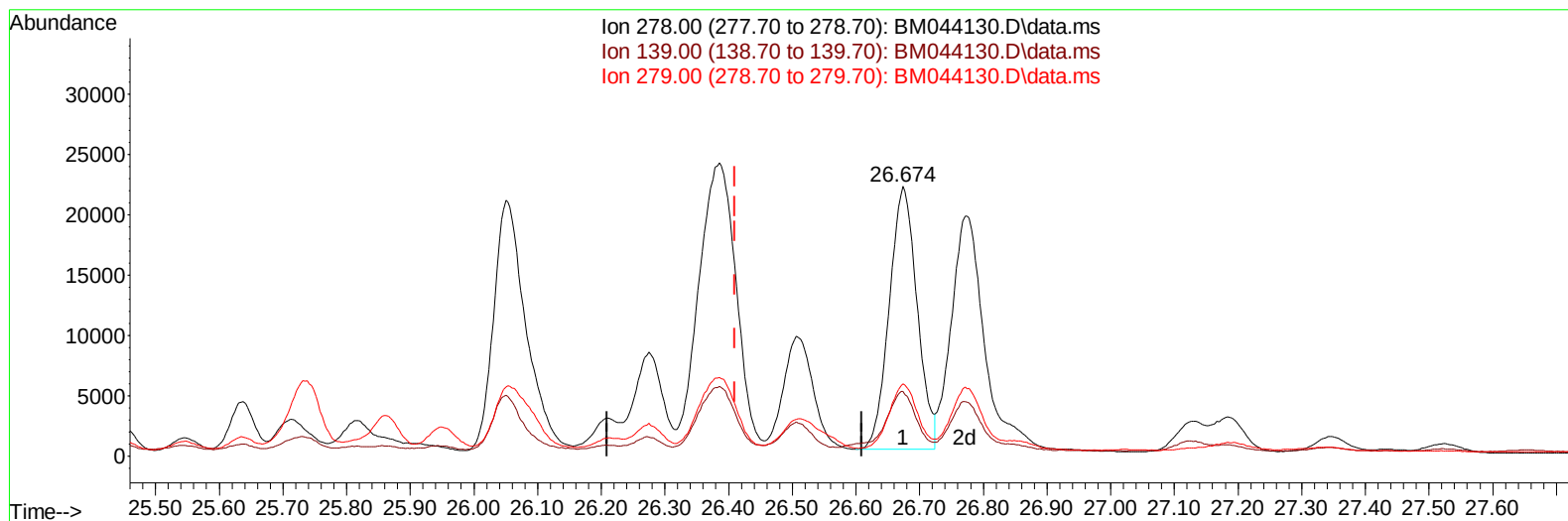
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(28) Dibenzo(a,h)anthracene

26.674min (+ 0.264) 0.93 ng/u1

response 66557

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.30	23.98
279.00	27.30	26.88
0.00	0.00	0.00

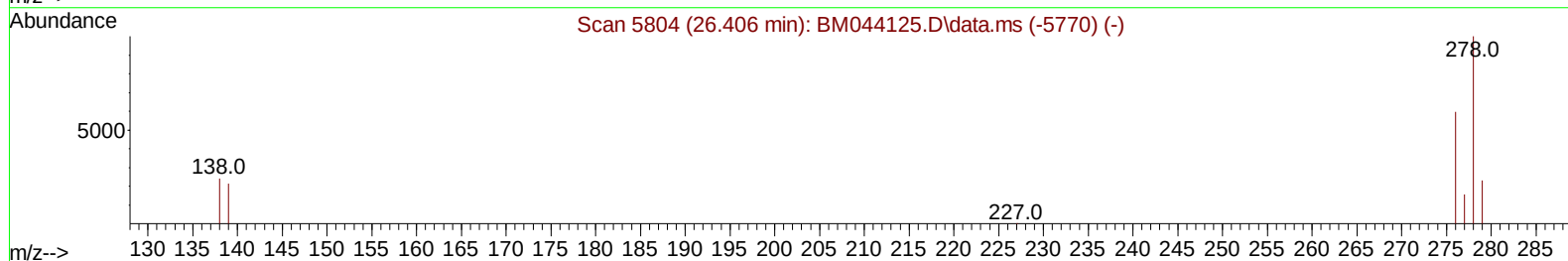
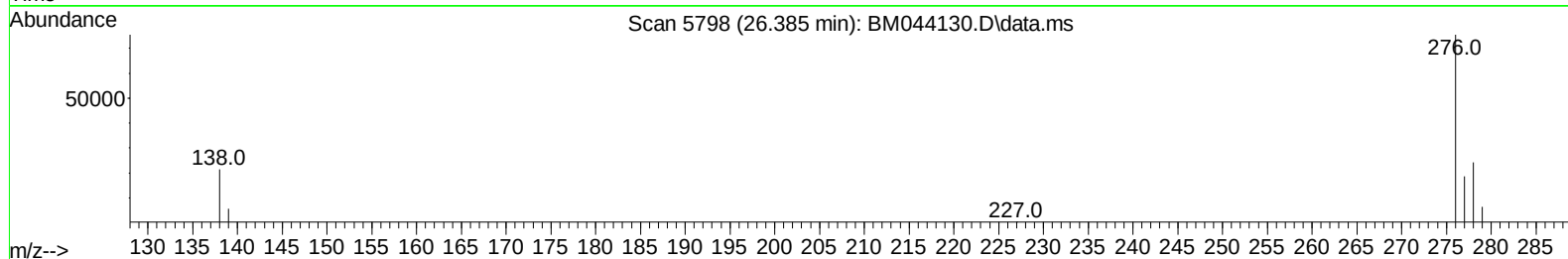
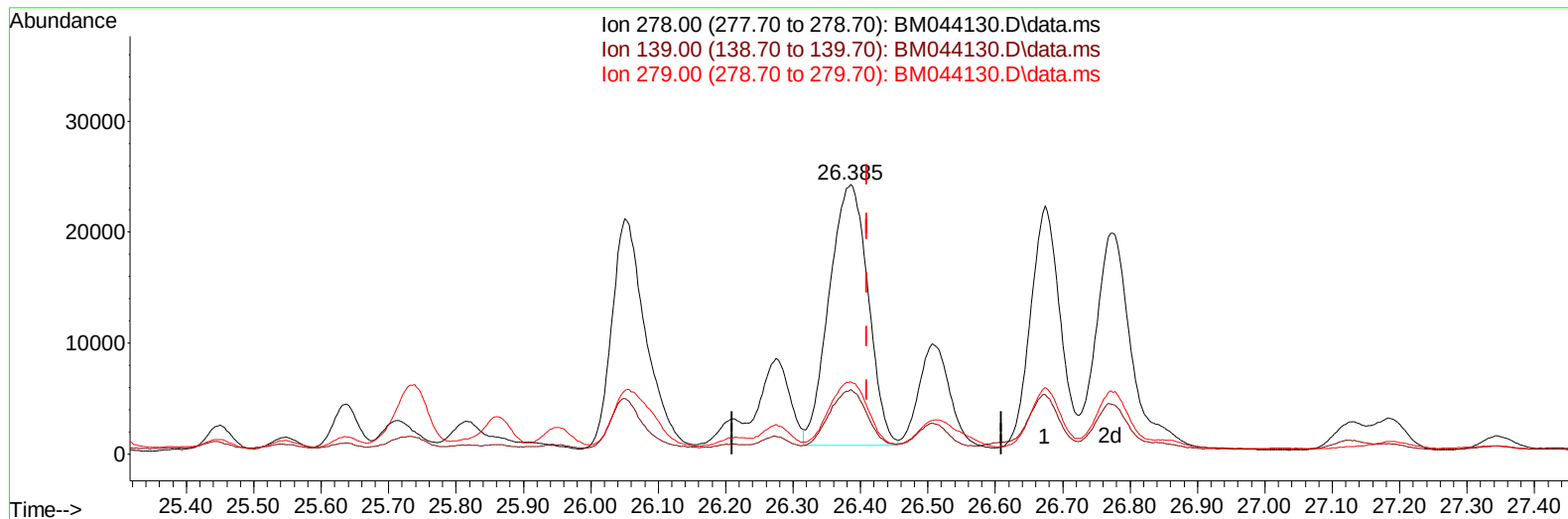
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

(28) Dibenzo(a,h)anthracene

26.385min (-0.024) 1.31 ng/ul m

response 94067

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.30	23.86
279.00	27.30	26.75
0.00	0.00	0.00

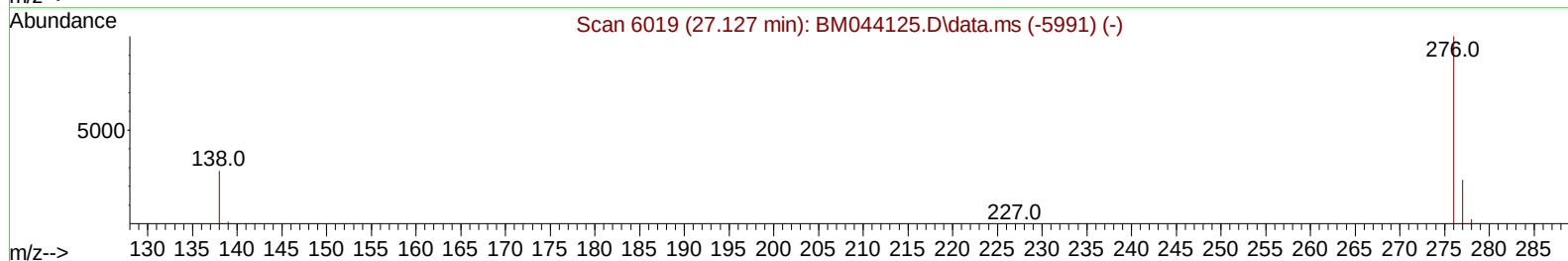
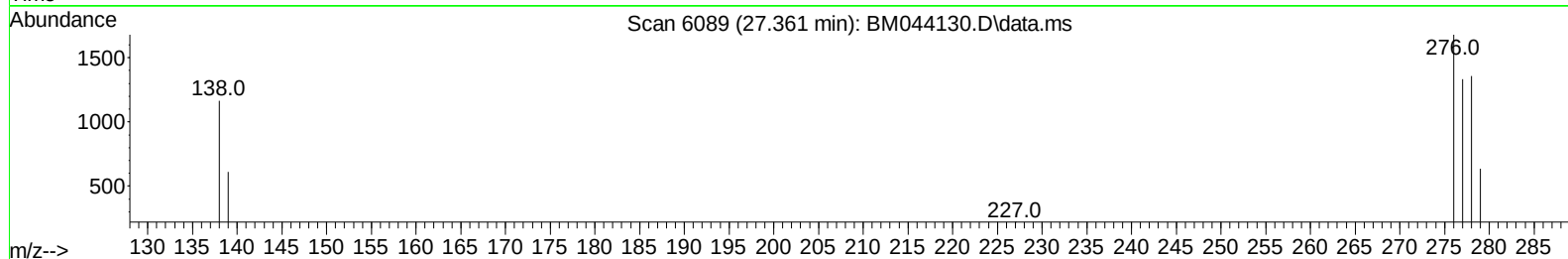
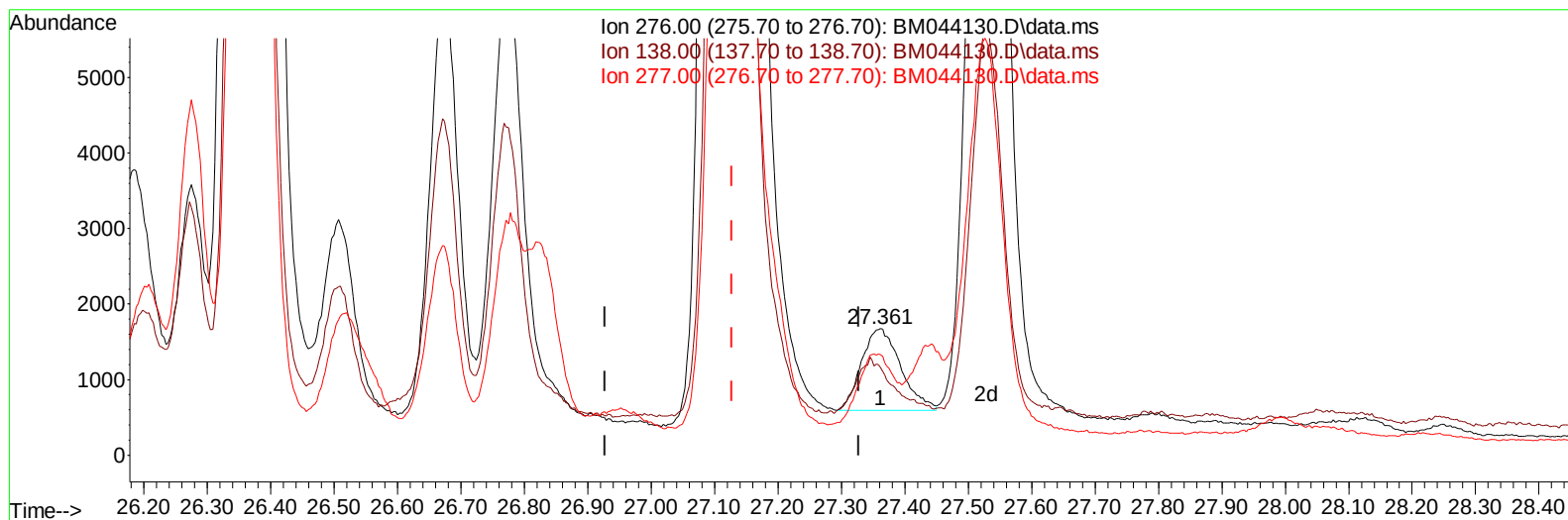
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

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

27.361min (+ 0.234) 0.06 ng/u1

response 4635

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	69.39#
277.00	23.80	79.45#
0.00	0.00	0.00

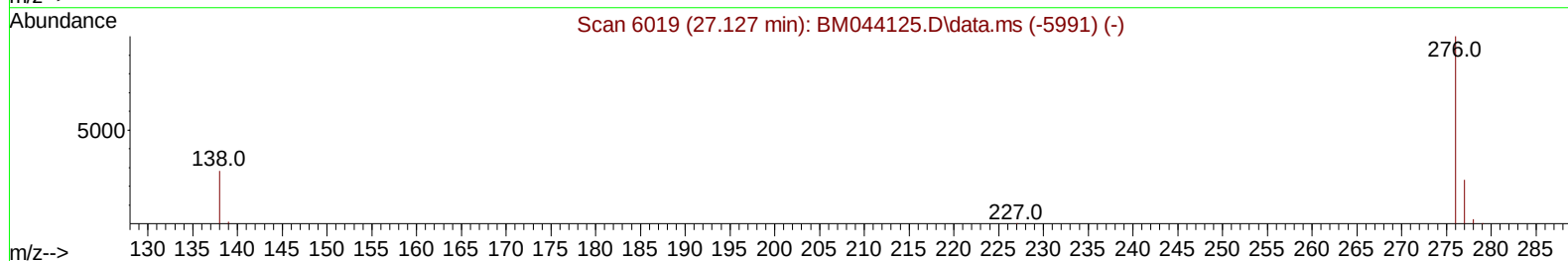
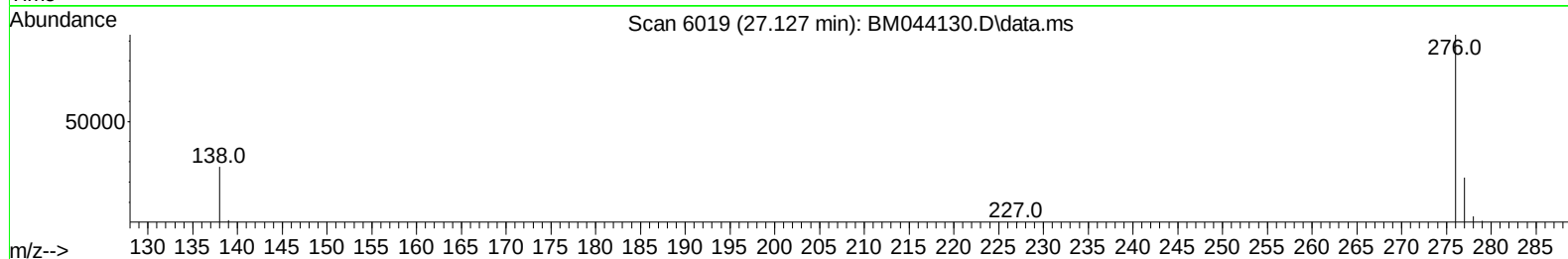
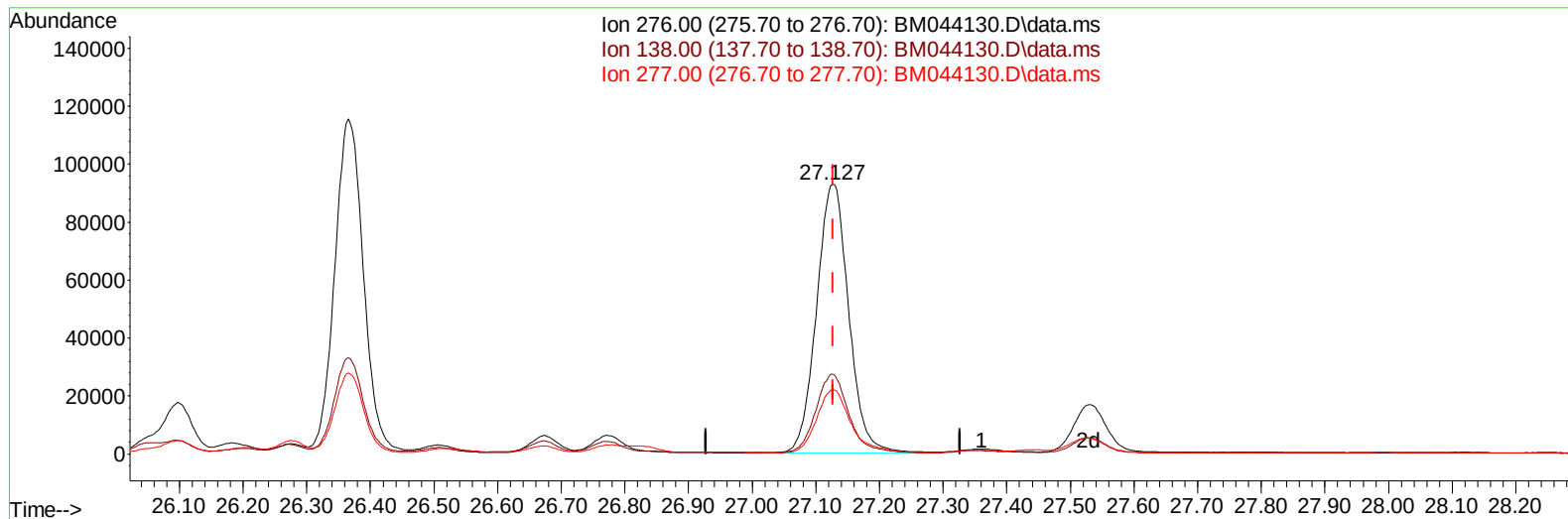
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044130.D
Acq On : 16 Feb 2024 09:42
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP6

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044130.D\data.ms

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

27.127min (-0.001) 4.08 ng/ul m

response 327646

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	29.51
277.00	23.80	23.83
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	10653	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	35486	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	18302	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	36185m	0.400	ng/ul	0.00
17) Chrysene-d12	21.499	240	17748m	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	18604m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	70784	4.692	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	16220	0.326	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	26599m	0.502	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.748	128	20592	0.195	ng/ul	100
7) 2-Methylnaphthalene	12.365	142	18144	0.279	ng/ul	100
8) 1-Methylnaphthalene	12.585	142	8178	0.124	ng/ul	98
10) Acenaphthylene	14.266	152	8362	0.083	ng/ul#	93
11) Acenaphthene	14.604	153	54926	0.753	ng/ul	99
12) Fluorene	15.594	166	57475	0.699	ng/ul	98
14) Pentachlorophenol	16.942	266	682	0.053	ng/ul	99
15) Phenanthrene	17.339	178	1444933m	12.600	ng/ul	
16) Anthracene	17.428	178	214726	1.892	ng/ul	100
19) Fluoranthene	19.360	202	2611583m	32.277	ng/ul	
20) Pyrene	19.727	202	2180102	25.620	ng/ul	97
21) Benzo(a)anthracene	21.481	228	928738m	11.427	ng/ul	
22) Chrysene	21.534	228	921233m	10.513	ng/ul	
24) Benzo(b)fluoranthene	23.165	252	998836m	13.010	ng/ul	
25) Benzo(k)fluoranthene	23.209	252	362351m	4.348	ng/ul	
26) Benzo(a)pyrene	23.785	252	625035m	8.759	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.365	276	354797m	3.905	ng/ul	
28) Dibenzo(a,h)anthracene	26.385	278	94067m	1.315	ng/ul	
29) Benzo(g,h,i)perylene	27.127	276	327646m	4.077	ng/ul	

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

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