

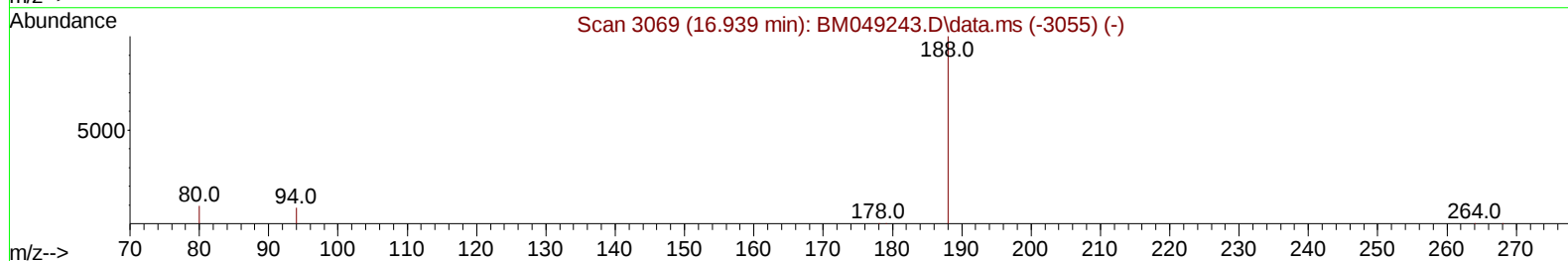
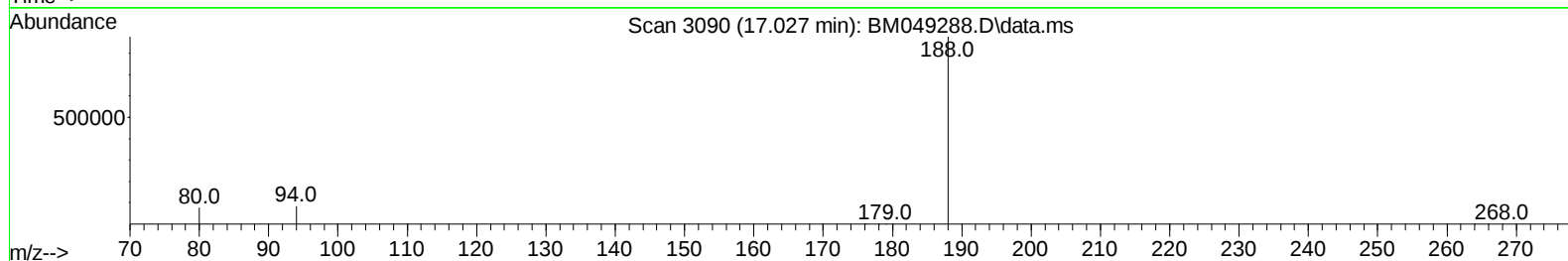
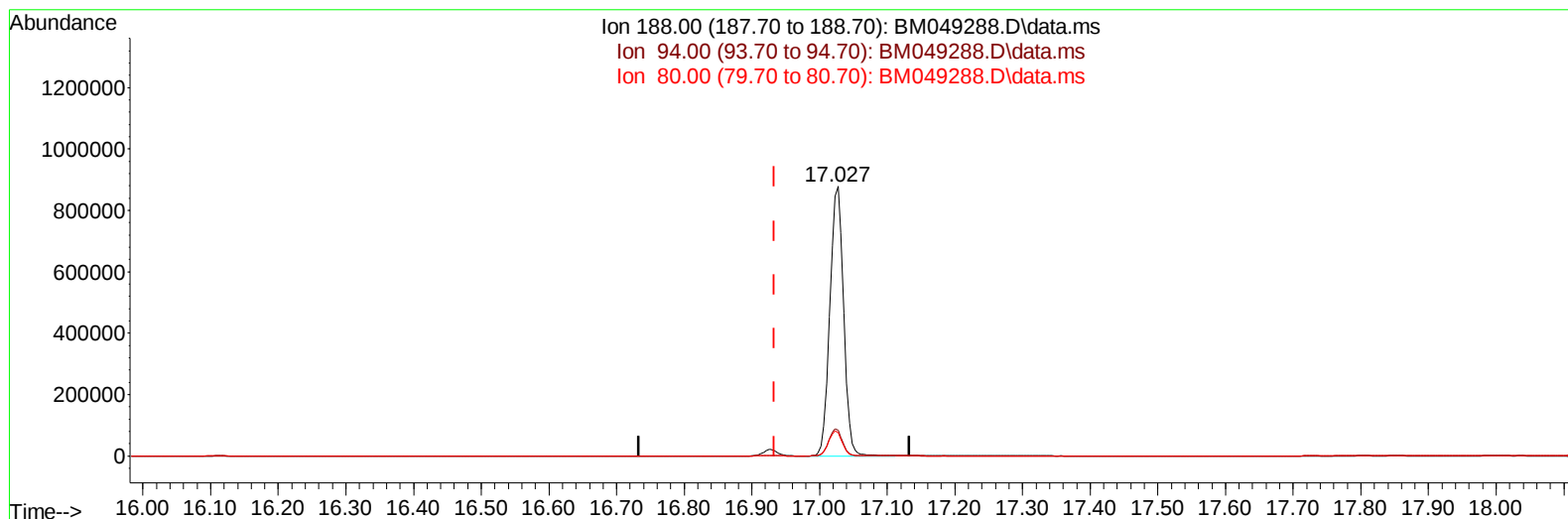
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(13) Phenanthrene-d10 (I)

17.027min (+ 0.094) 0.40 ng/u1

response 1234492

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.59
80.00	10.70	8.70
0.00	0.00	0.00

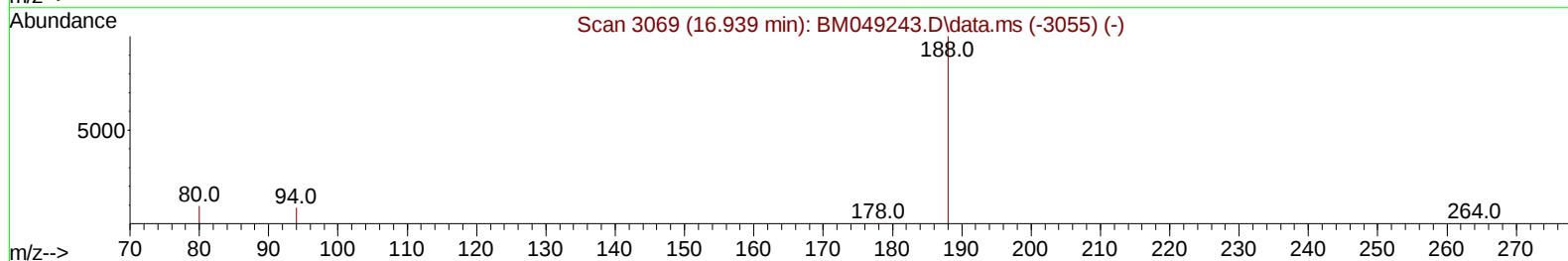
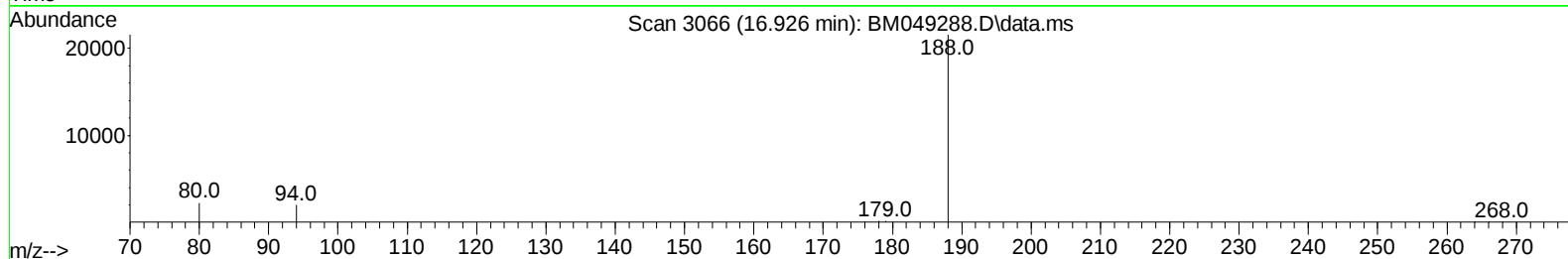
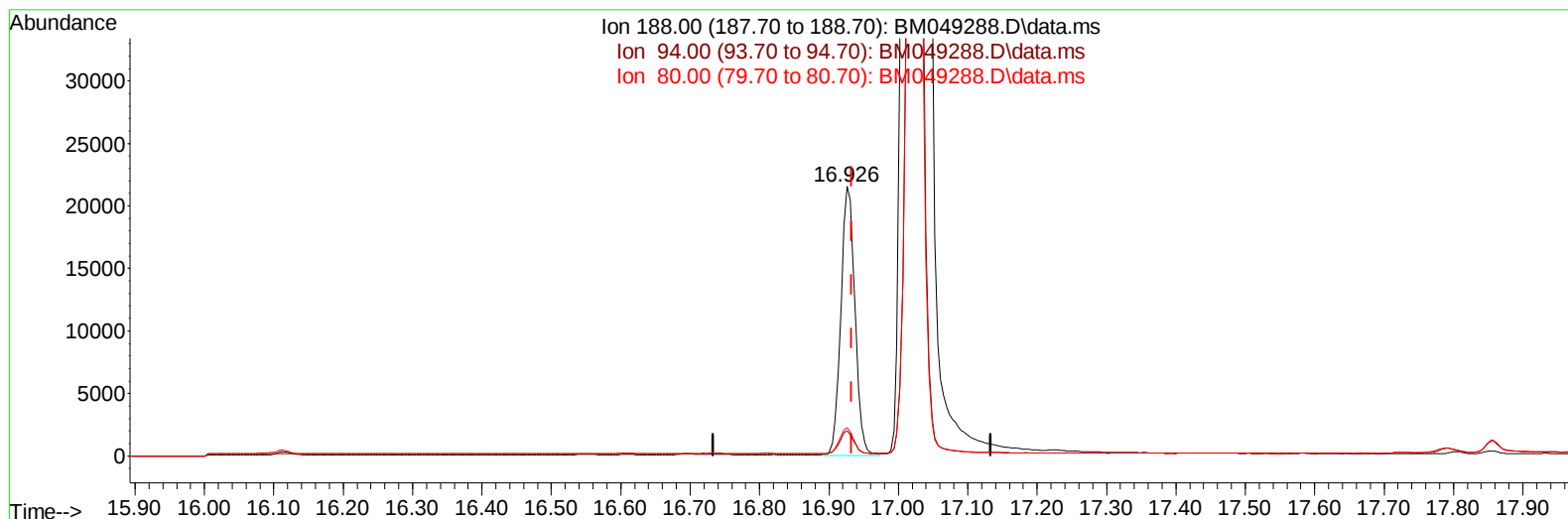
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(13) Phenanthrene-d10 (I)

16.926min (-0.007) 0.40 ng/ul m

response 30186

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.29
80.00	10.70	10.41
0.00	0.00	0.00

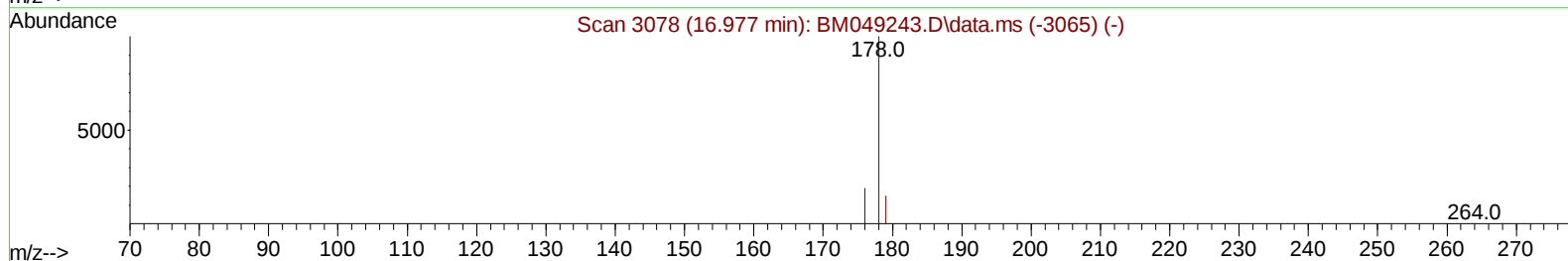
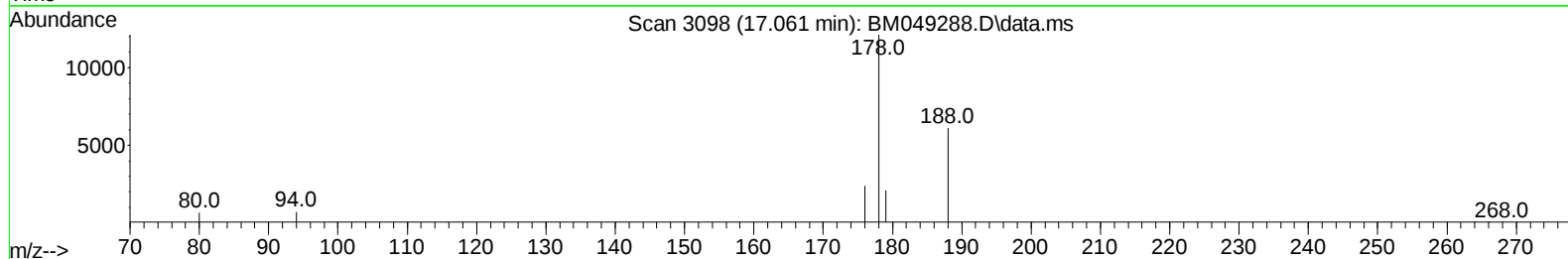
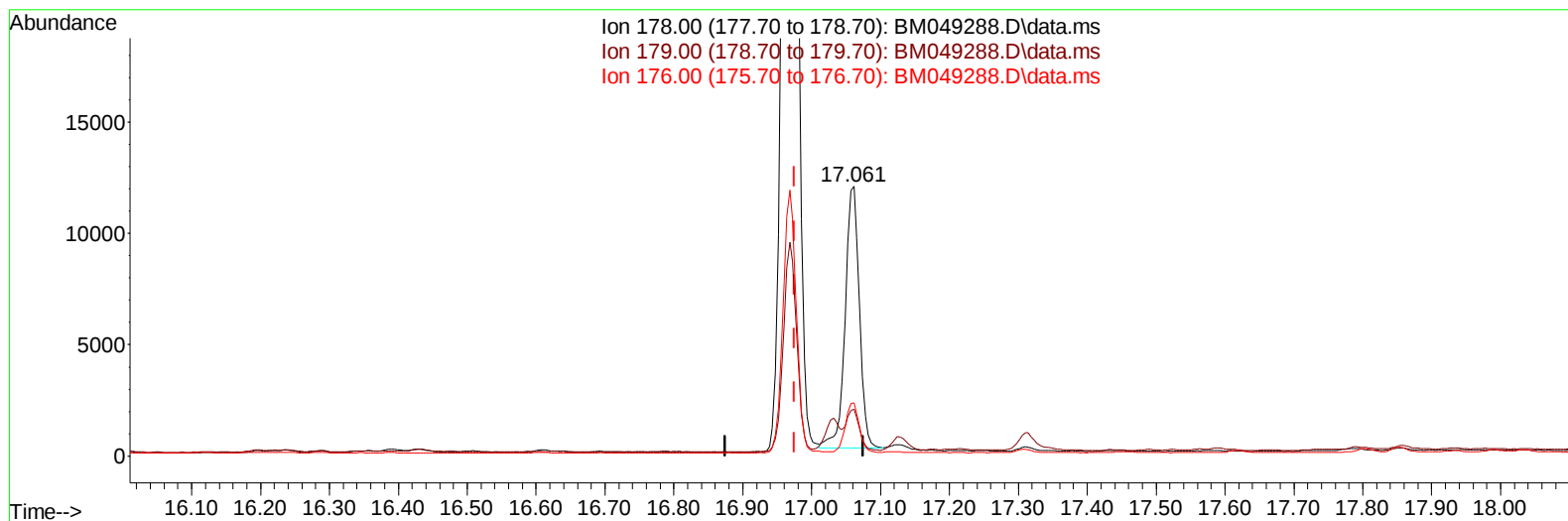
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
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Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(15) Phenanthrene

17.061min (+ 0.086) 0.21 ng/u1

response 16807

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.24
176.00	20.20	19.81
0.00	0.00	0.00

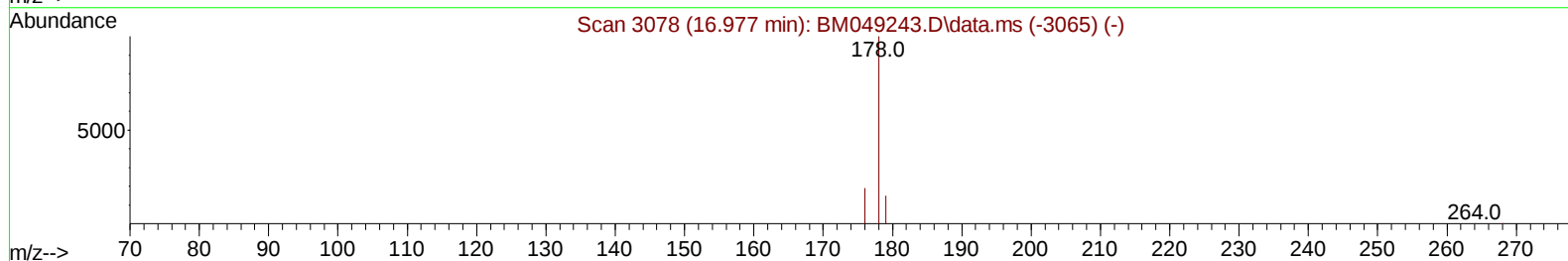
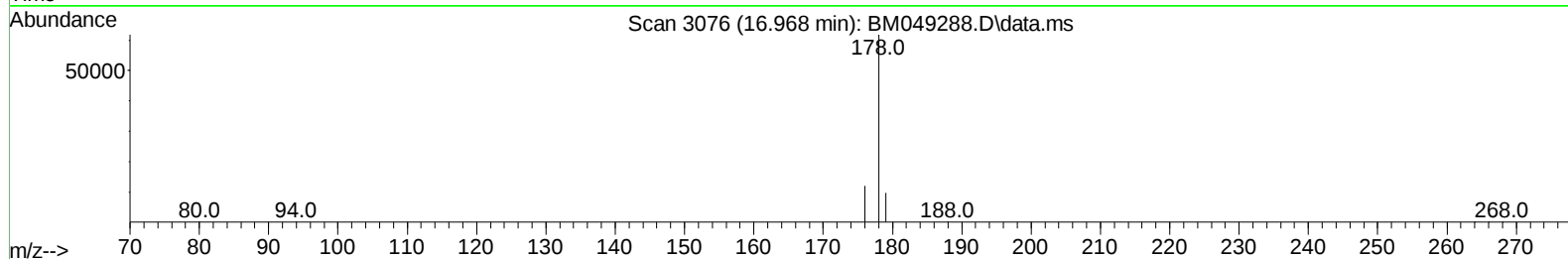
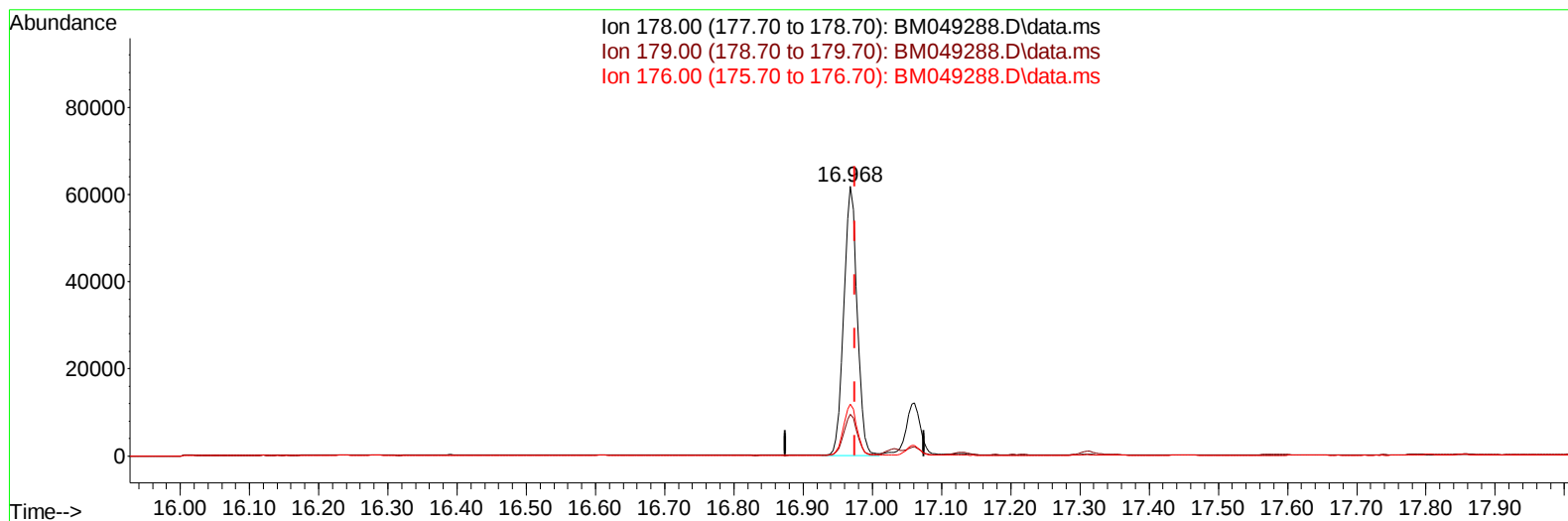
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(15) Phenanthrene

16.968min (-0.007) 1.05 ng/u1 m

response 82933

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.54
176.00	20.20	19.33
0.00	0.00	0.00

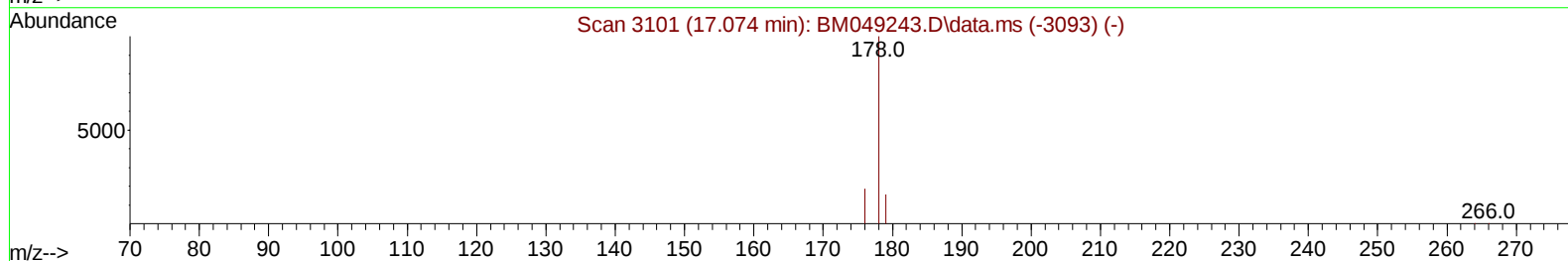
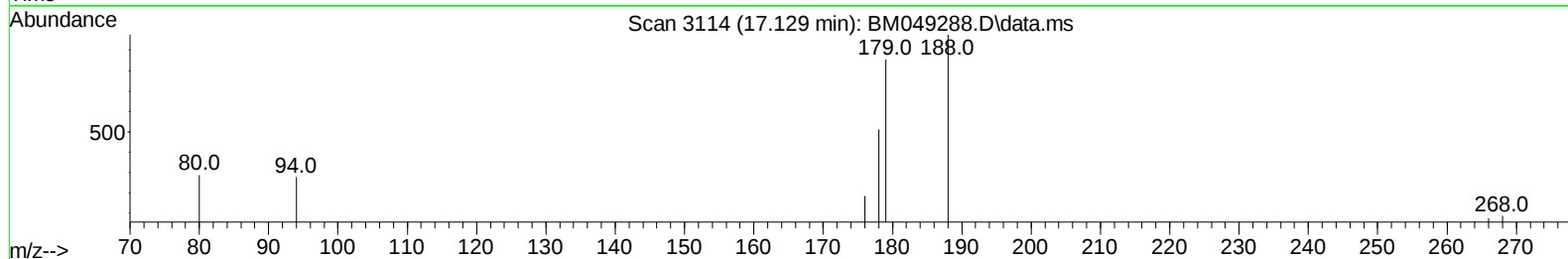
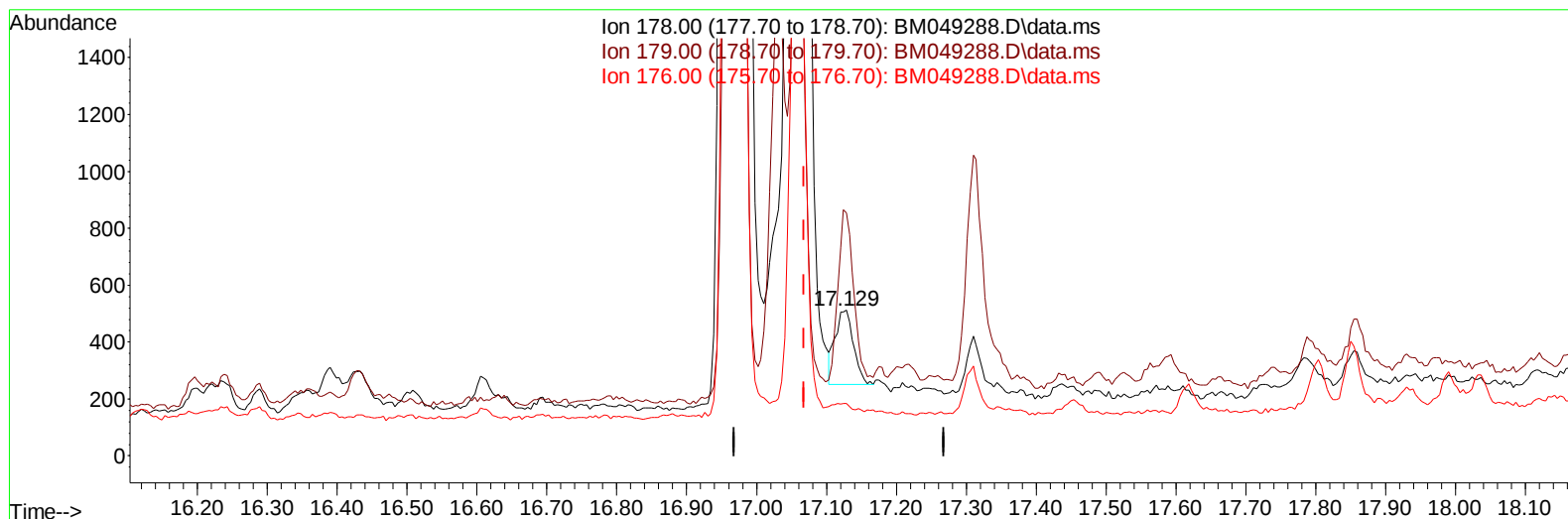
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(16) Anthracene

17.129min (+ 0.061) 0.01 ng/u1

response 476

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	166.99#
176.00	19.10	36.13#
0.00	0.00	0.00

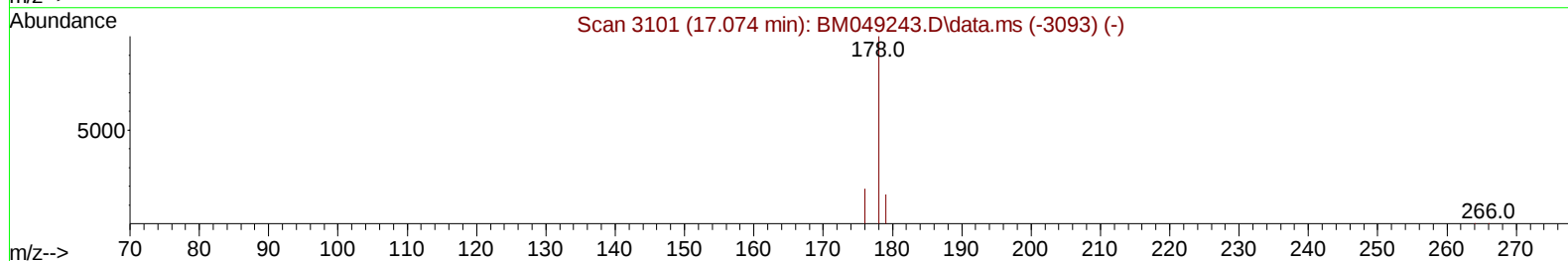
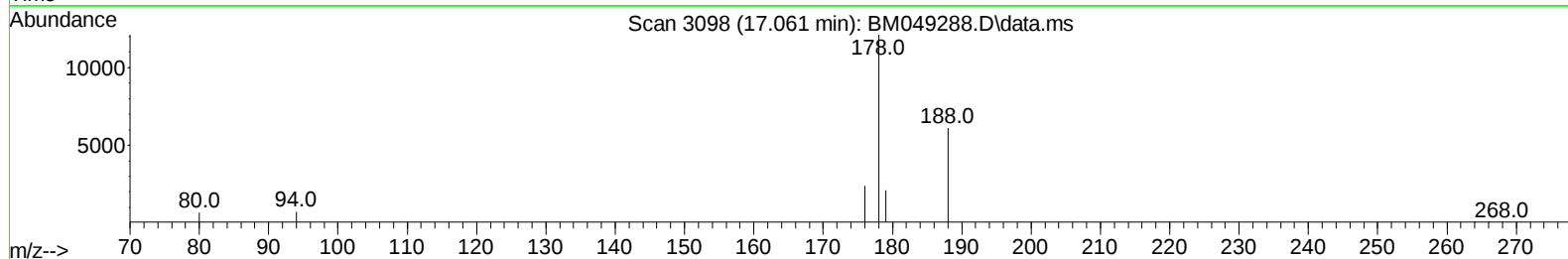
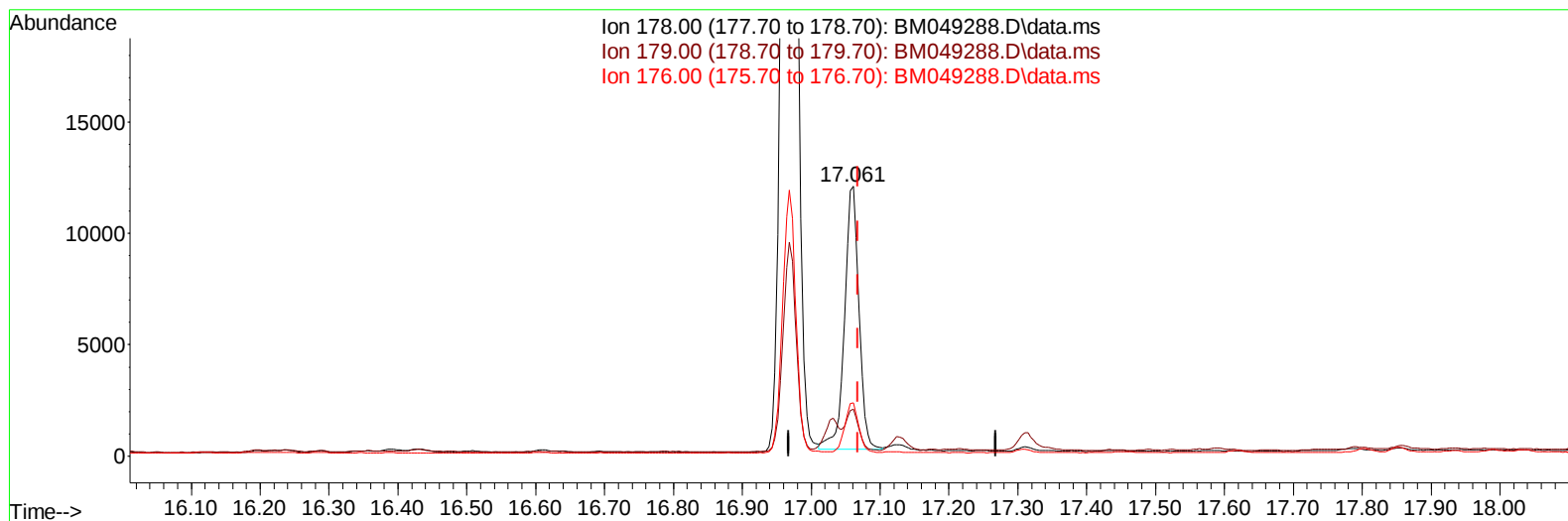
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
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Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(16) Anthracene

17.061min (-0.007) 0.24 ng/ul m

response 17080

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	17.24
176.00	19.10	19.81
0.00	0.00	0.00

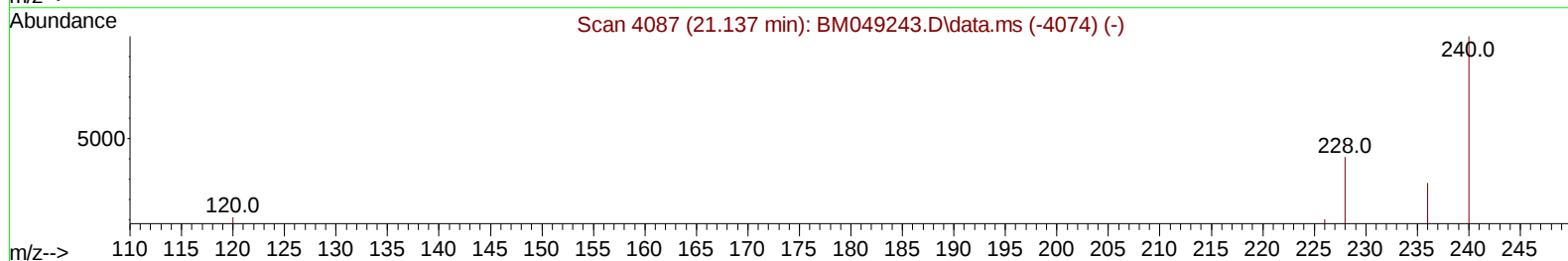
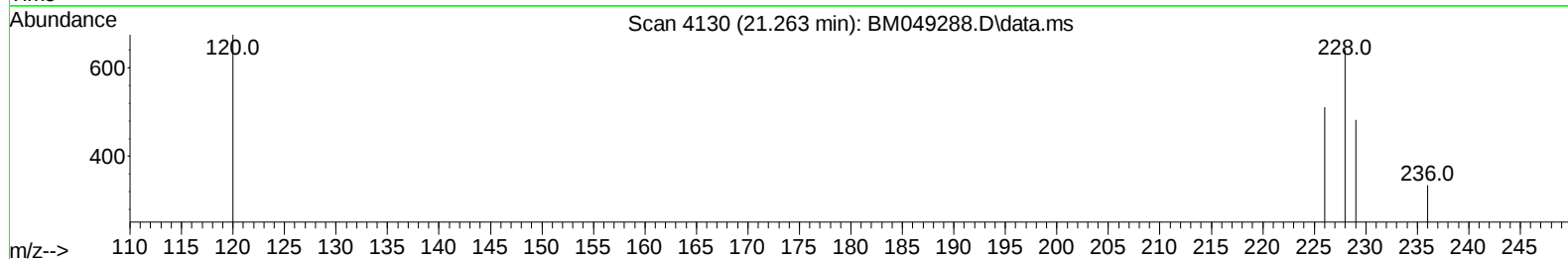
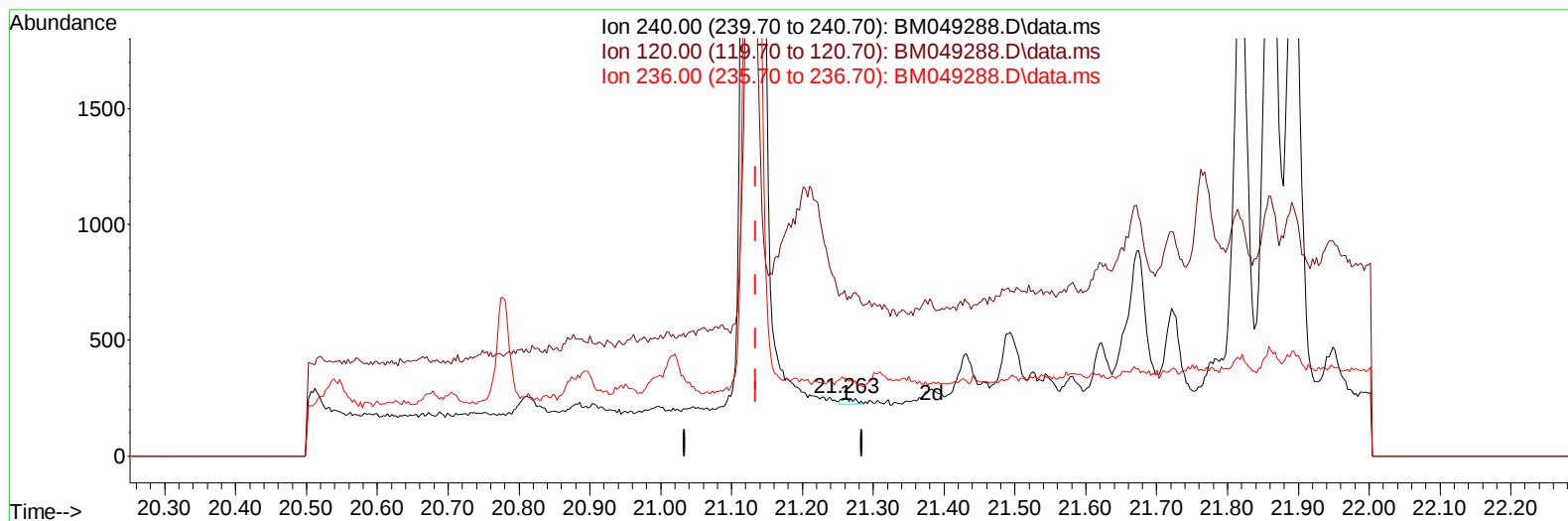
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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TIC: BM049288.D\data.ms

(17) Chrysene-d12

21.263min (+ 0.128) 0.40 ng/u1

response 36

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	268.92#
236.00	29.80	133.07#
0.00	0.00	0.00

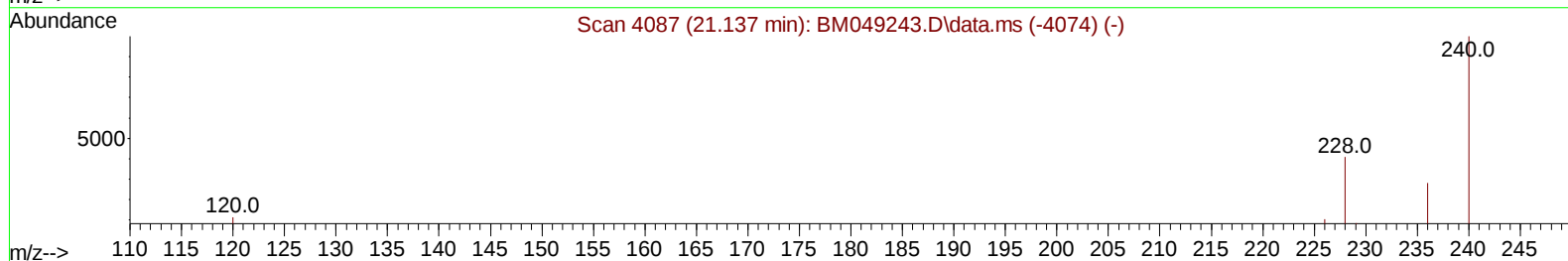
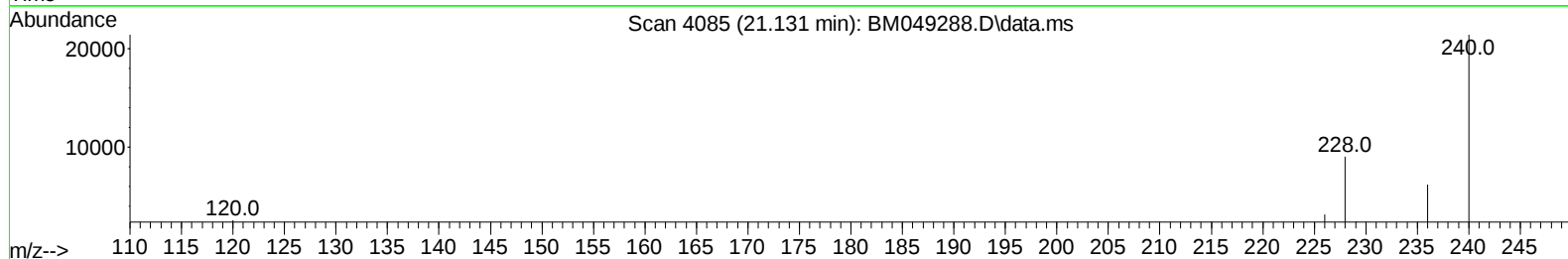
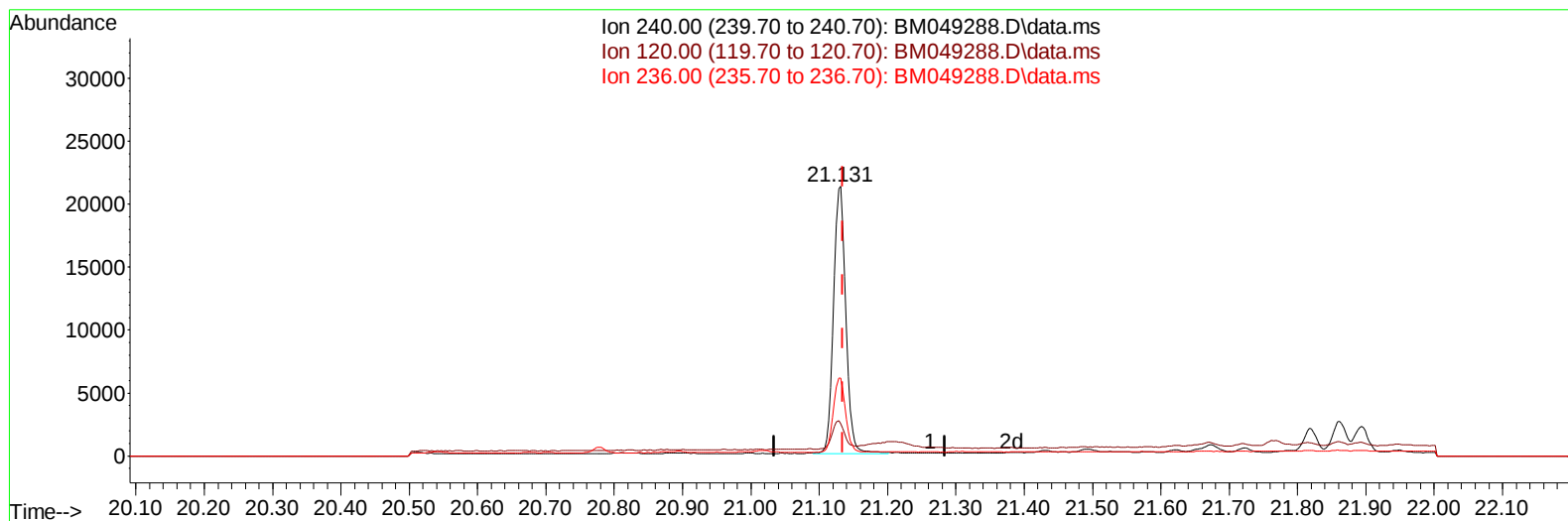
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(17) Chrysene-d12

21.131min (-0.003) 0.40 ng/ul m

response 26471

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	12.03
236.00	29.80	28.95
0.00	0.00	0.00

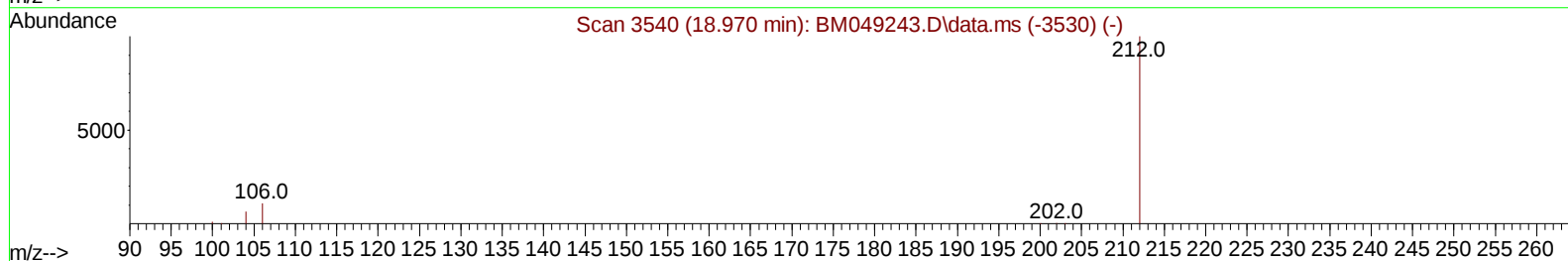
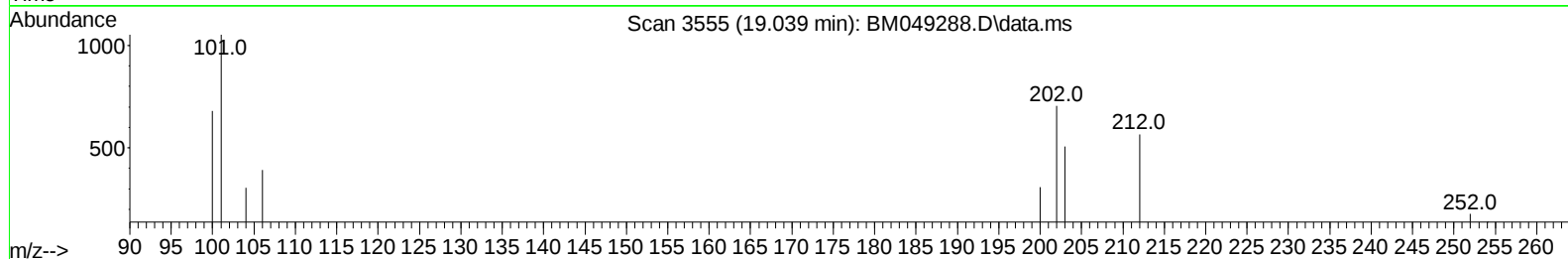
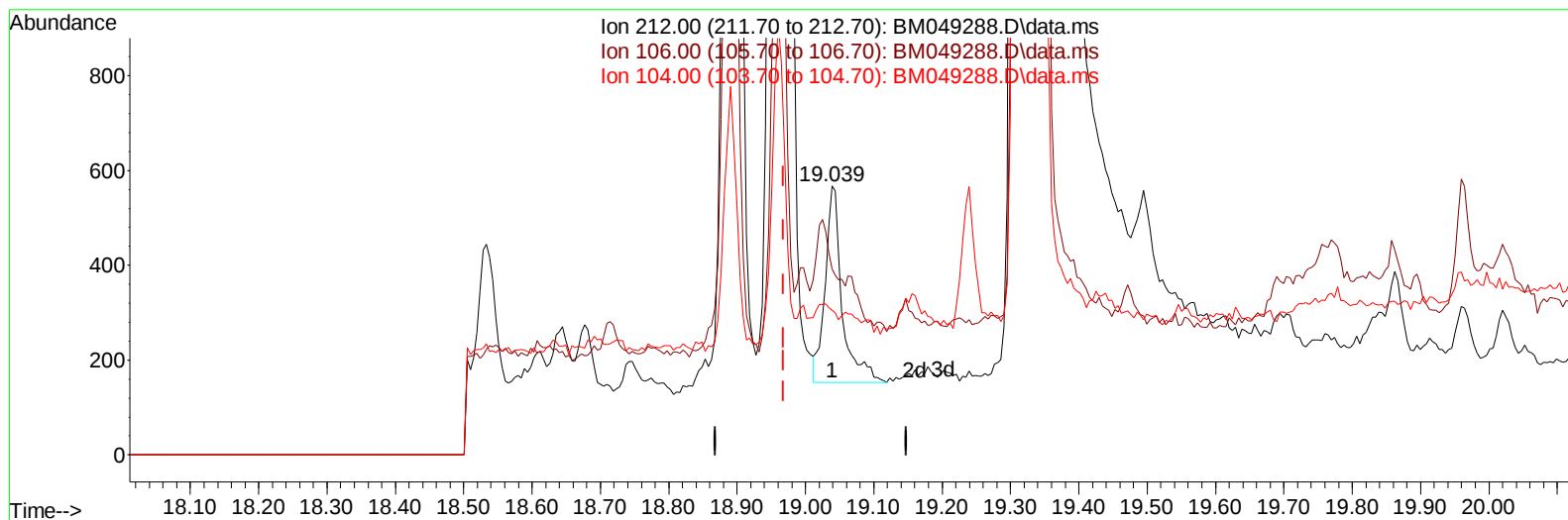
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
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TIC: BM049288.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.039min (+ 0.071) 0.01 ng/u1

response 713

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	88.22#
104.00	6.50	7.15
0.00	0.00	0.00

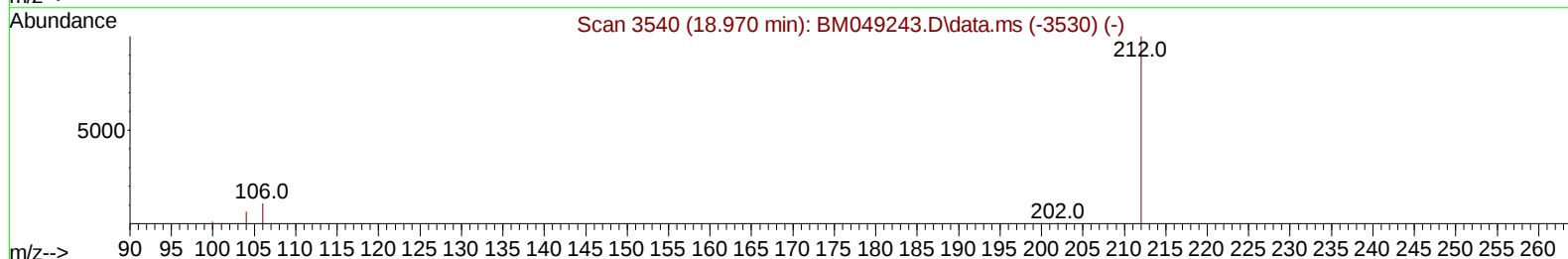
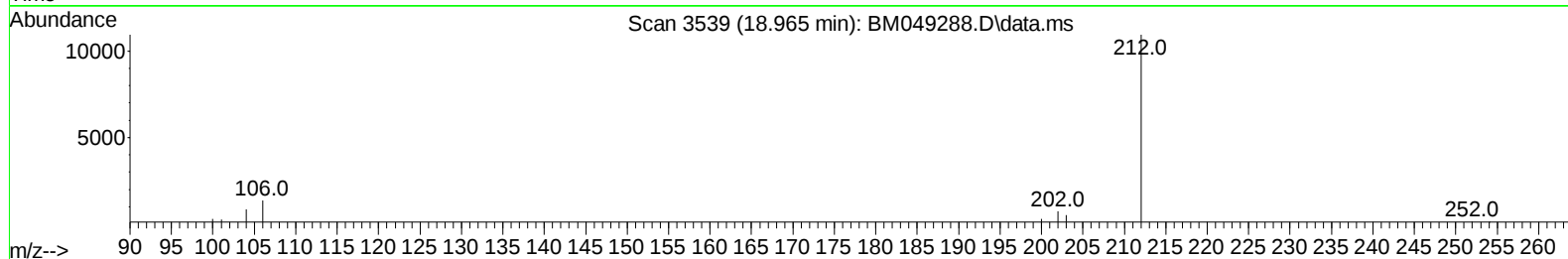
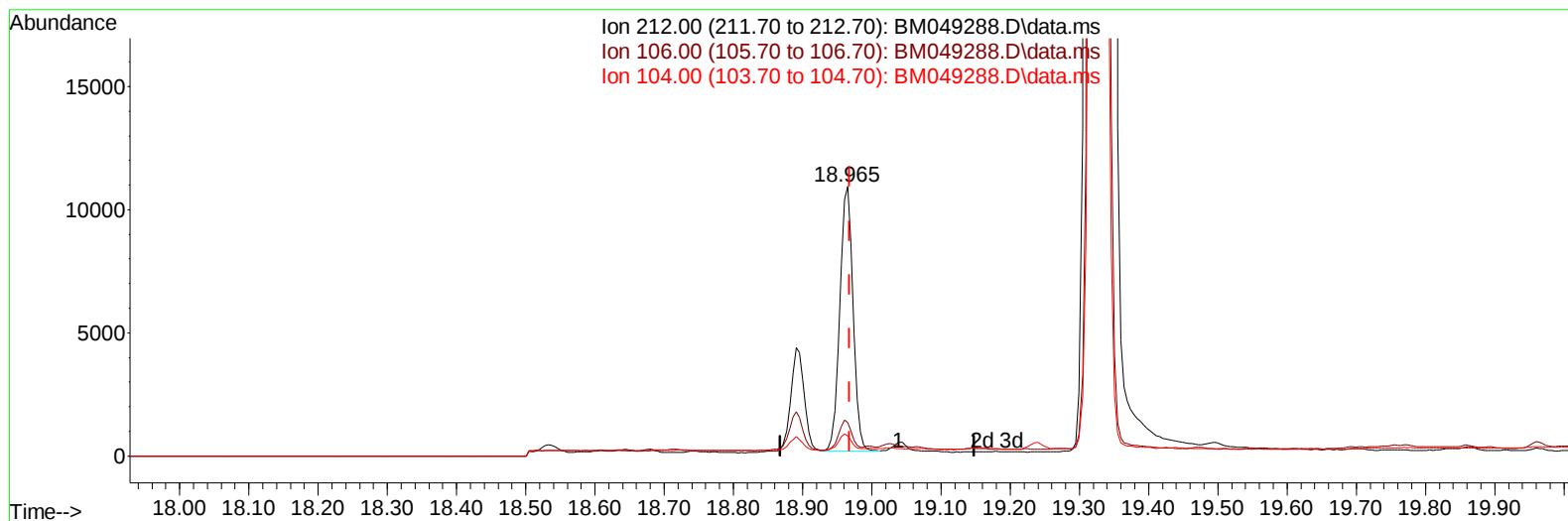
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
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TIC: BM049288.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.965min (-0.003) 0.19 ng/u1 m

response 14376

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	4.38#
104.00	6.50	0.35#
0.00	0.00	0.00

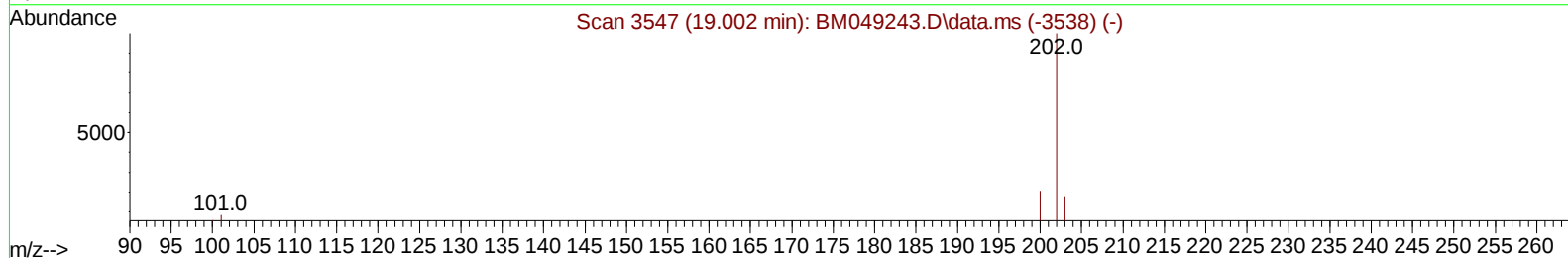
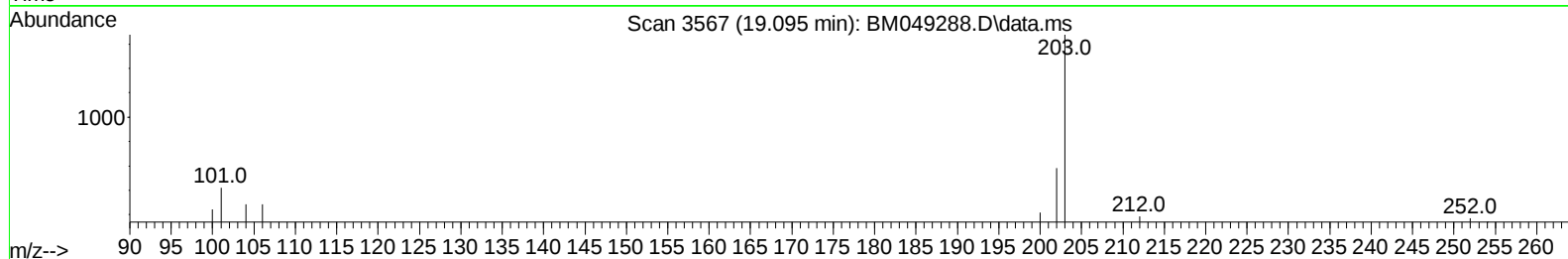
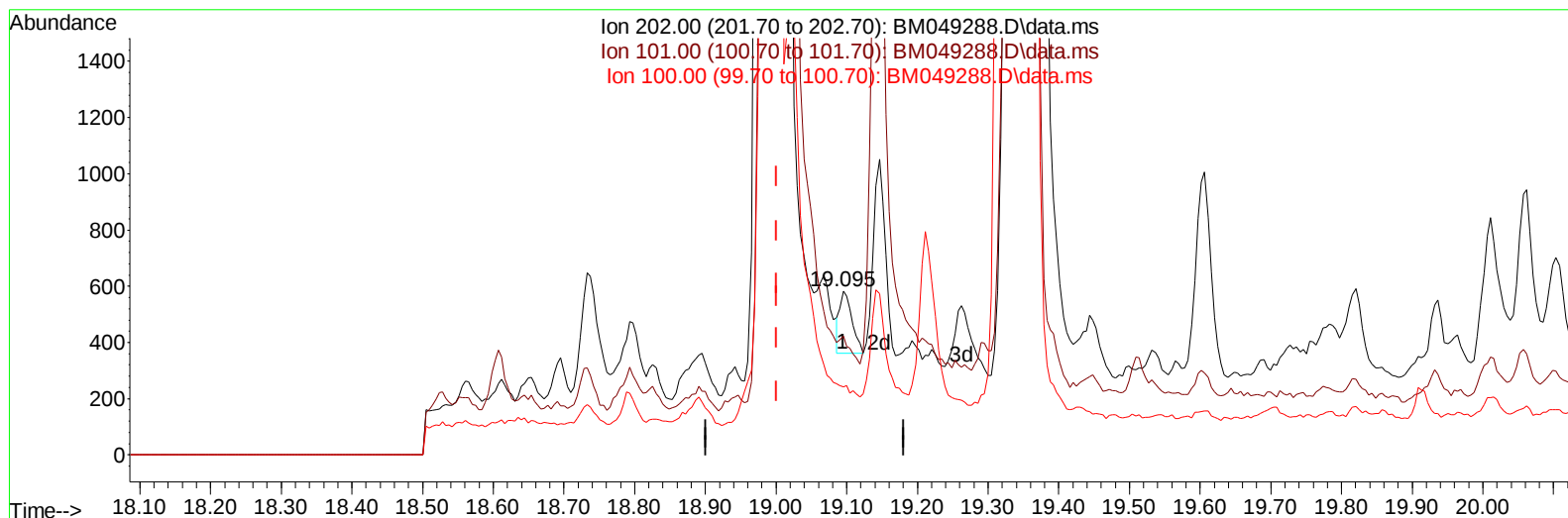
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

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TIC: BM049288.D\data.ms

(19) Fluoranthene (C)

19.095min (+ 0.094) 0.00 ng/u1

response 262

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	72.51#
100.00	6.90	41.58#
0.00	0.00	0.00

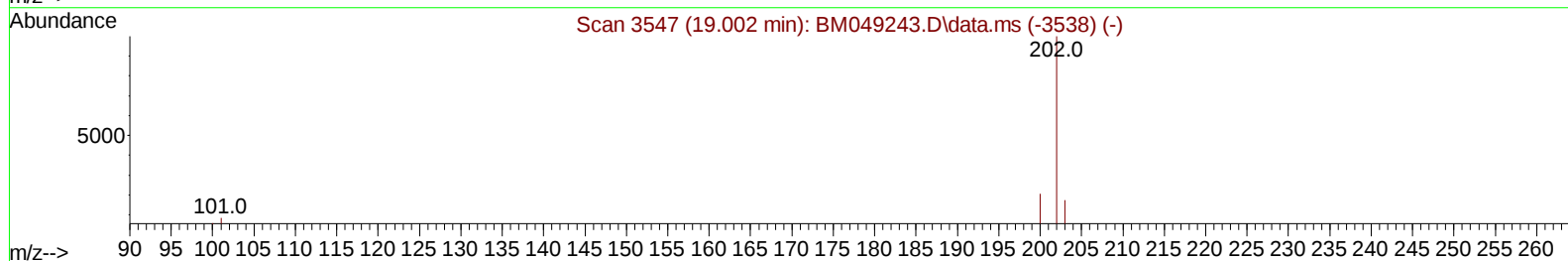
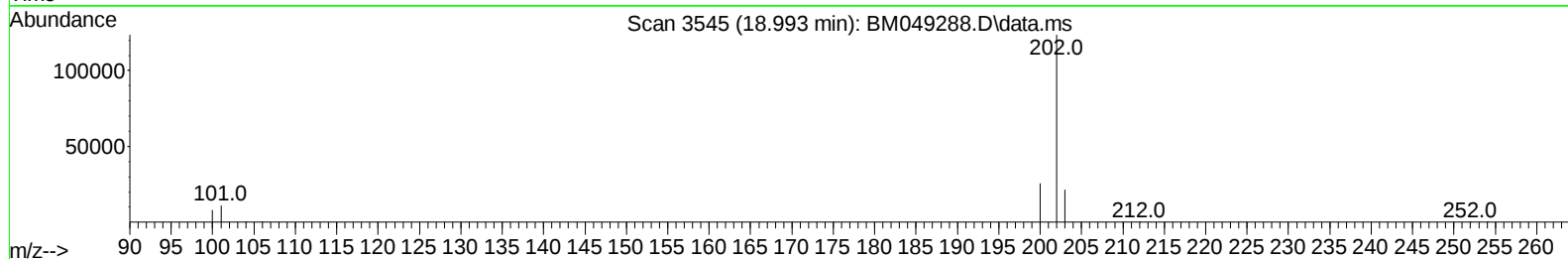
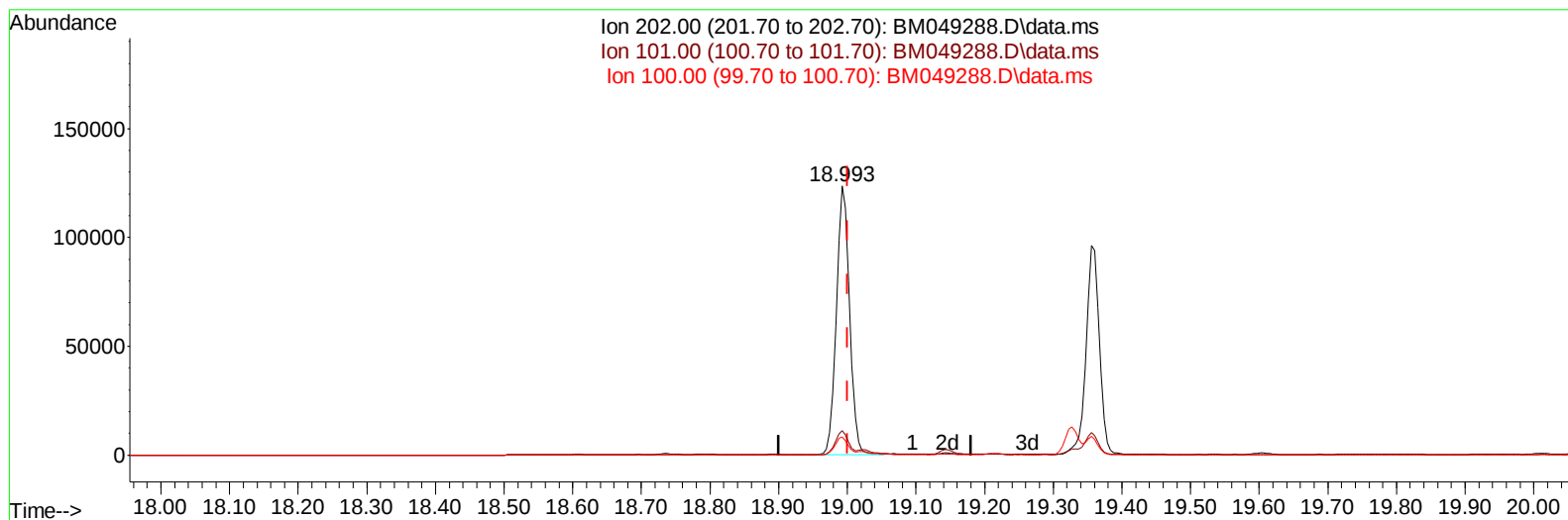
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
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Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
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Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(19) Fluoranthene (C)

18.993min (-0.008) 1.70 ng/ul m

response 162873

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	9.00
100.00	6.90	6.68
0.00	0.00	0.00

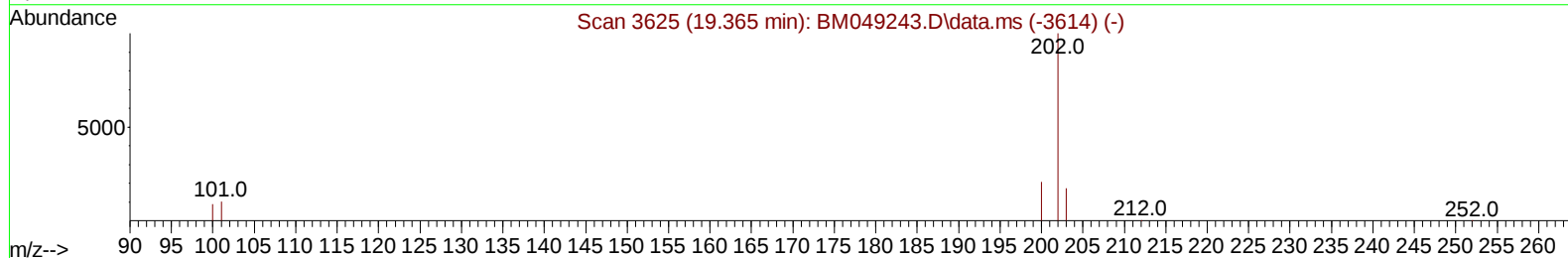
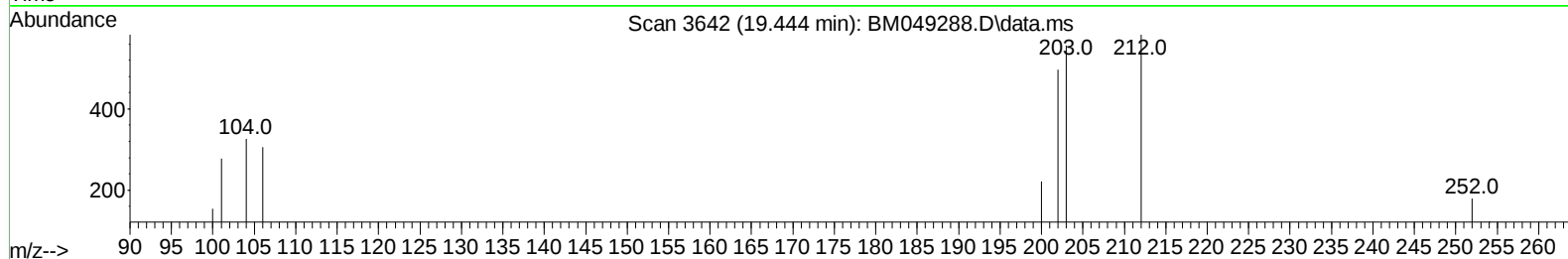
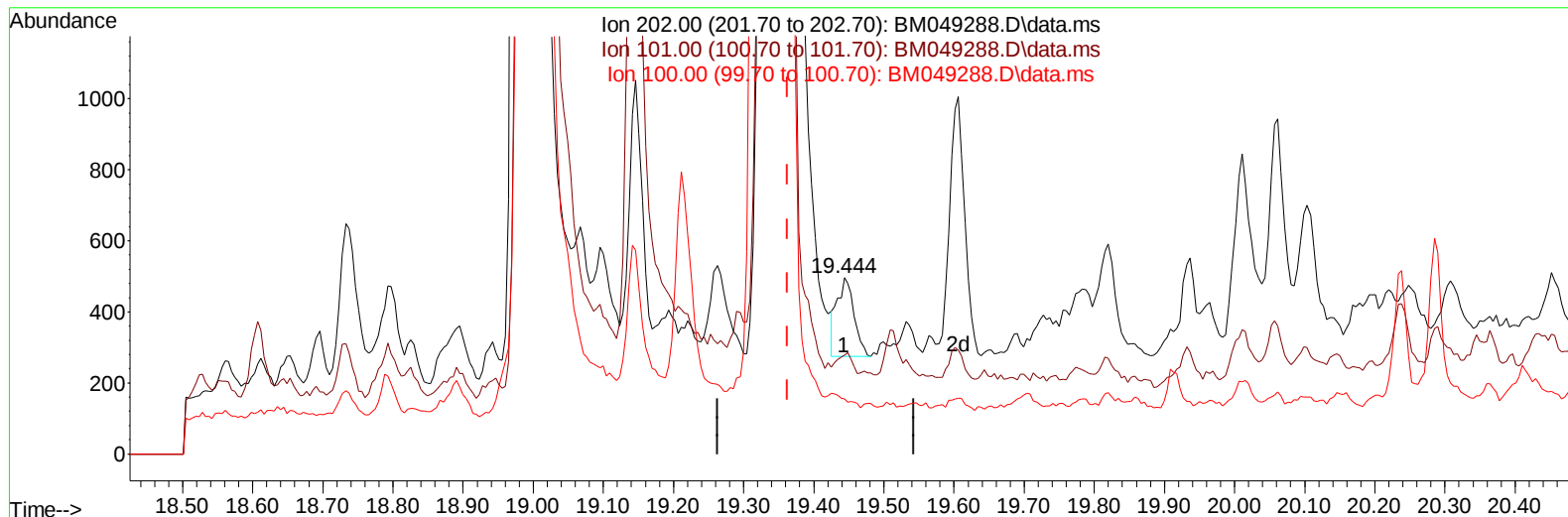
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(20) Pyrene

19.444min (+ 0.080) 0.00 ng/u1

response 374

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	55.94#
100.00	8.60	30.99#
0.00	0.00	0.00

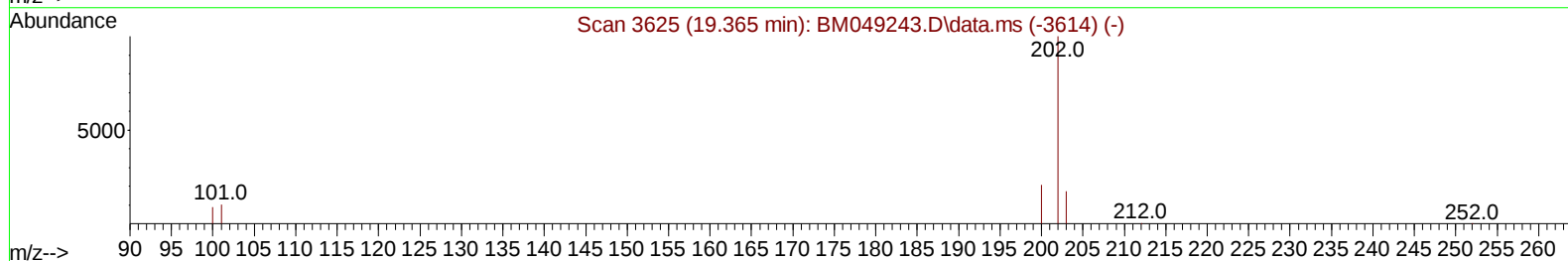
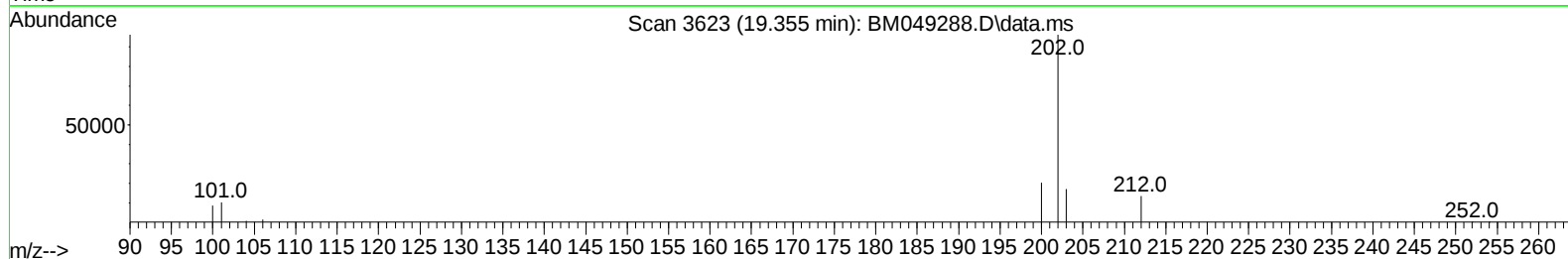
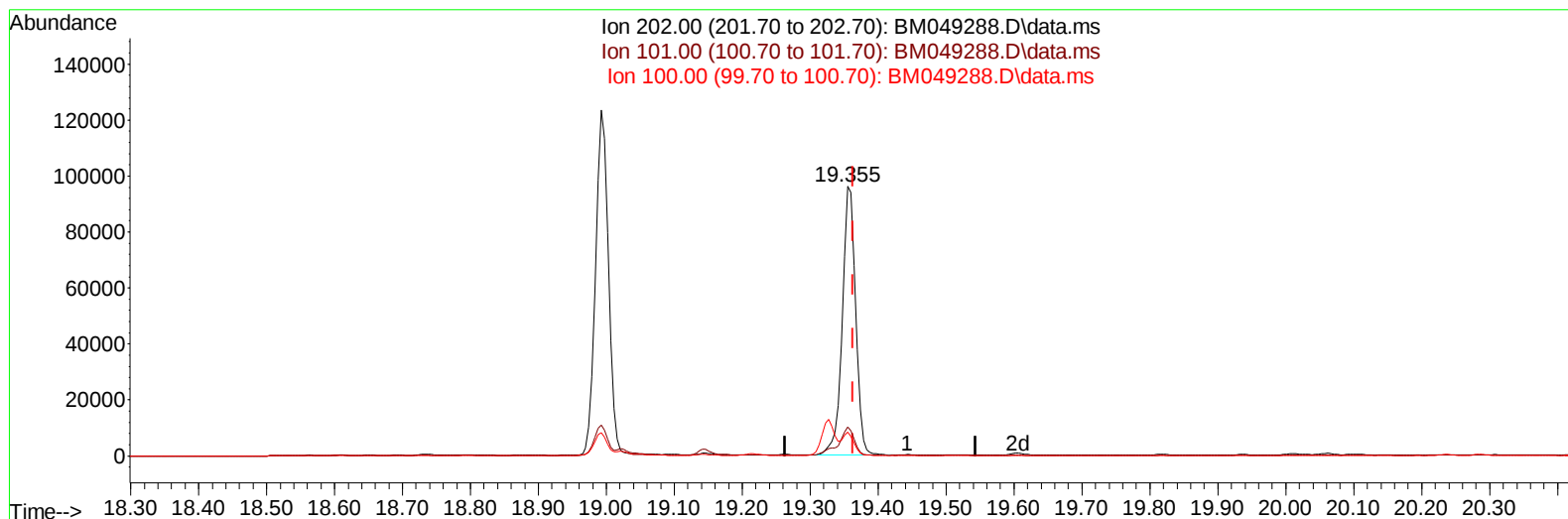
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(20) Pyrene

19.355min (-0.008) 1.28 ng/ul m

response 130835

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	10.79
100.00	8.60	8.90
0.00	0.00	0.00

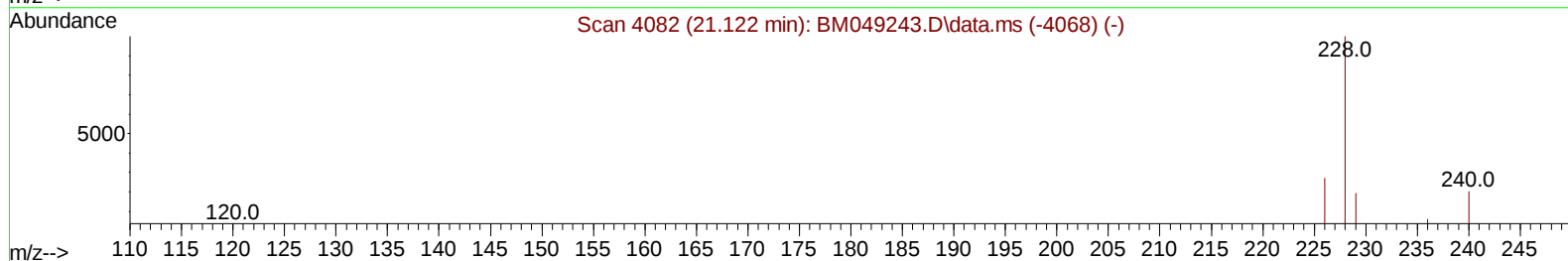
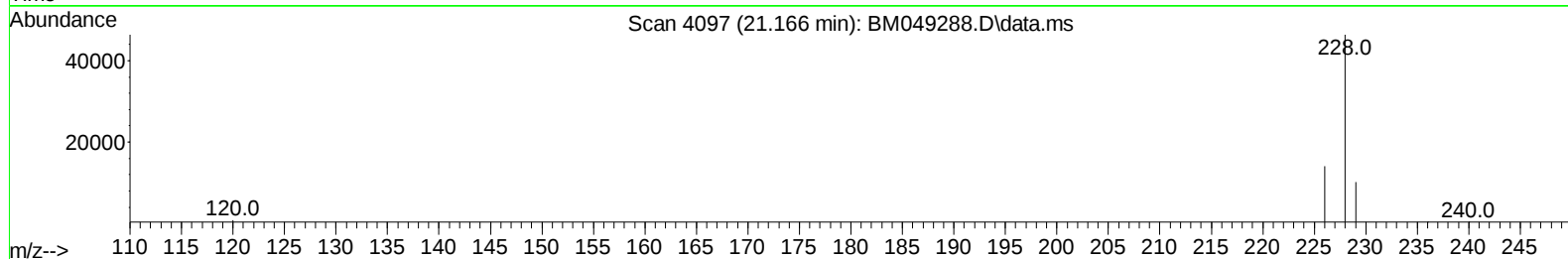
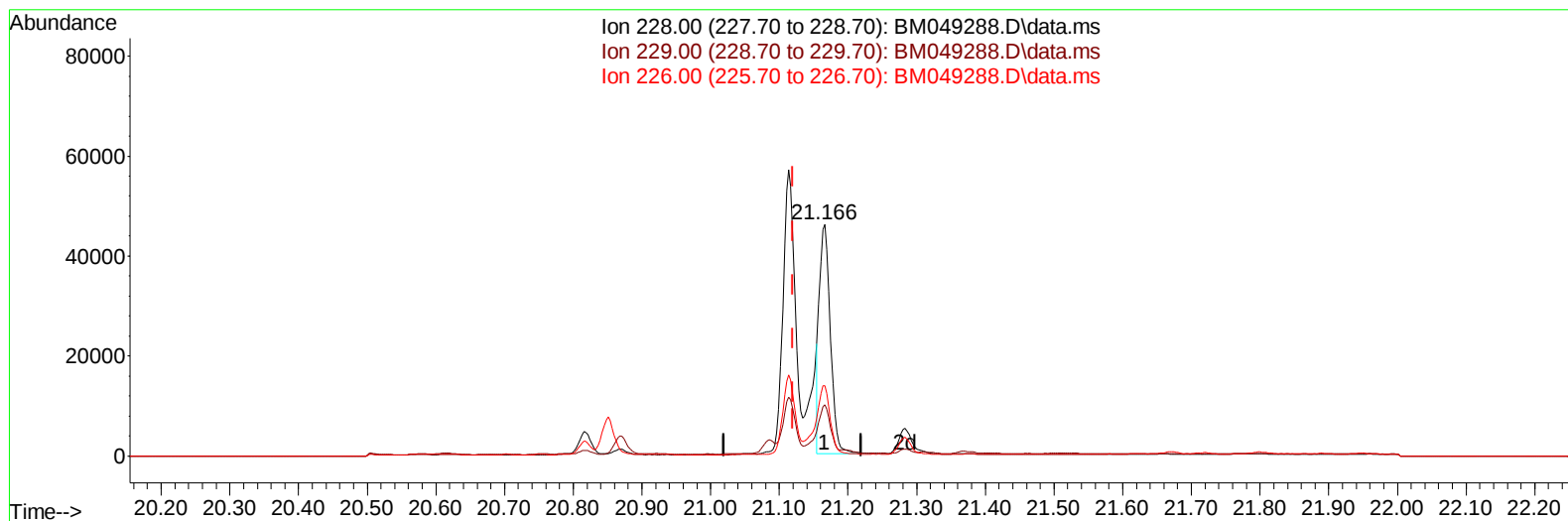
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(21) Benzo(a)anthracene

21.166min (+ 0.046) 0.55 ng/u1

response 50849

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	22.08
226.00	28.30	30.36
0.00	0.00	0.00

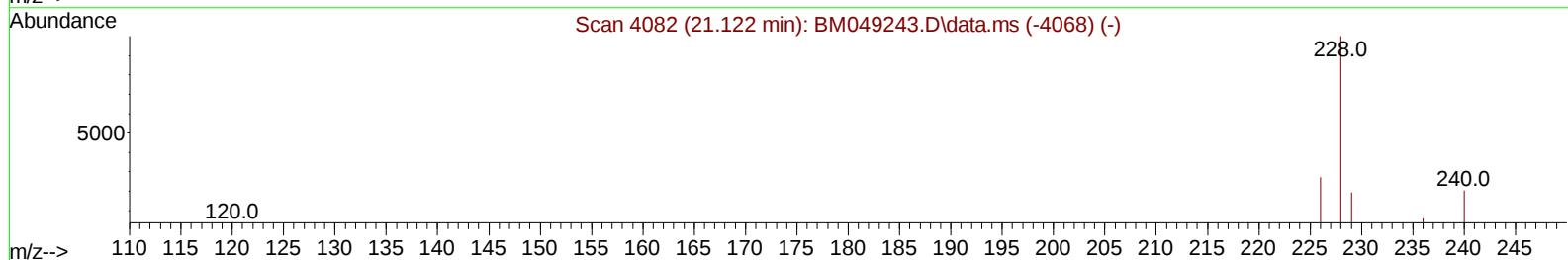
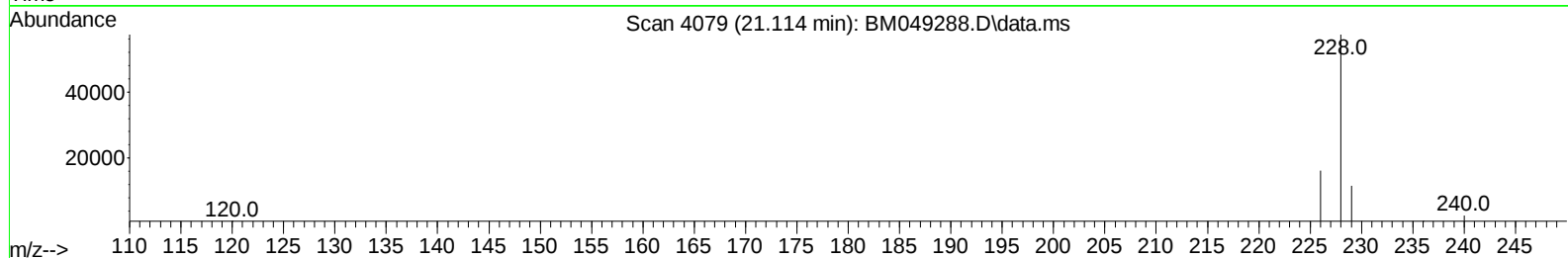
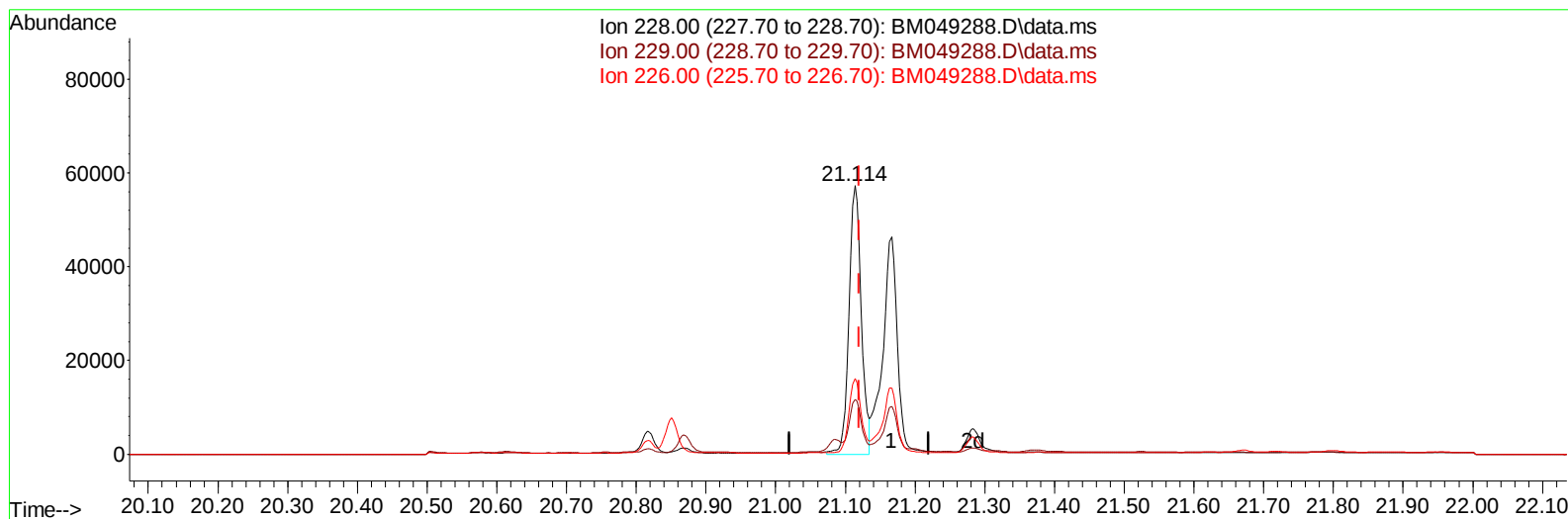
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(21) Benzo(a)anthracene

21.114min (-0.006) 0.77 ng/u1 m

response 70556

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.50
226.00	28.30	28.31
0.00	0.00	0.00

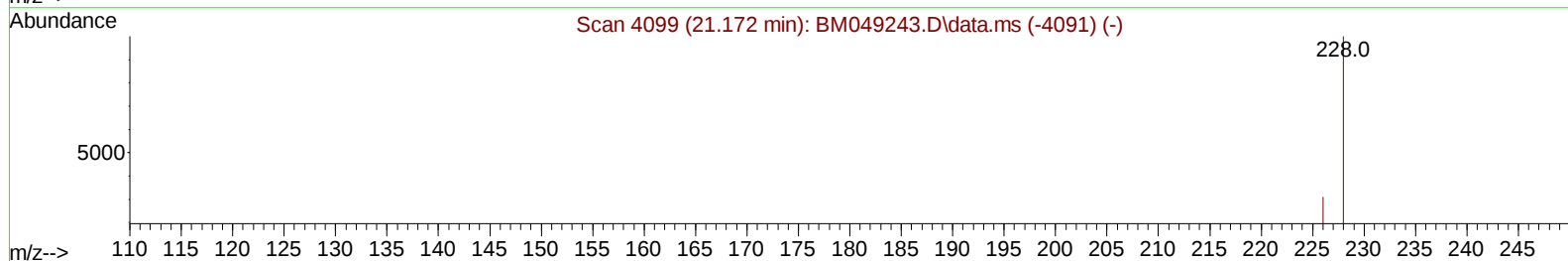
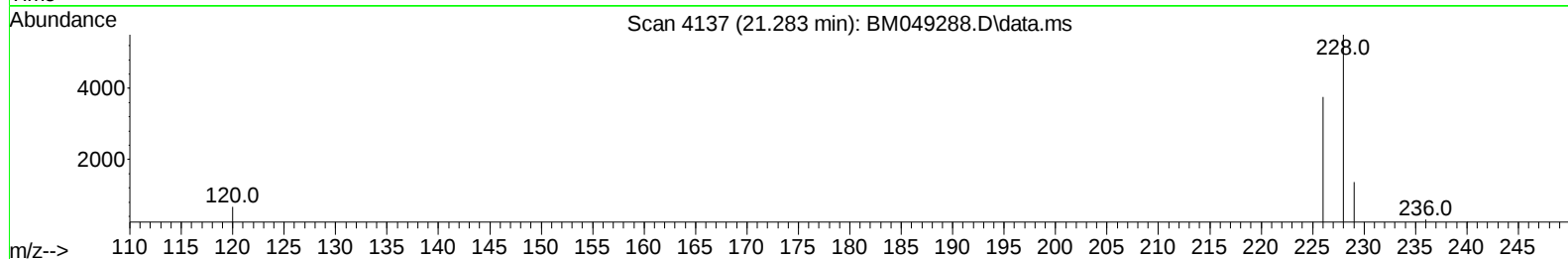
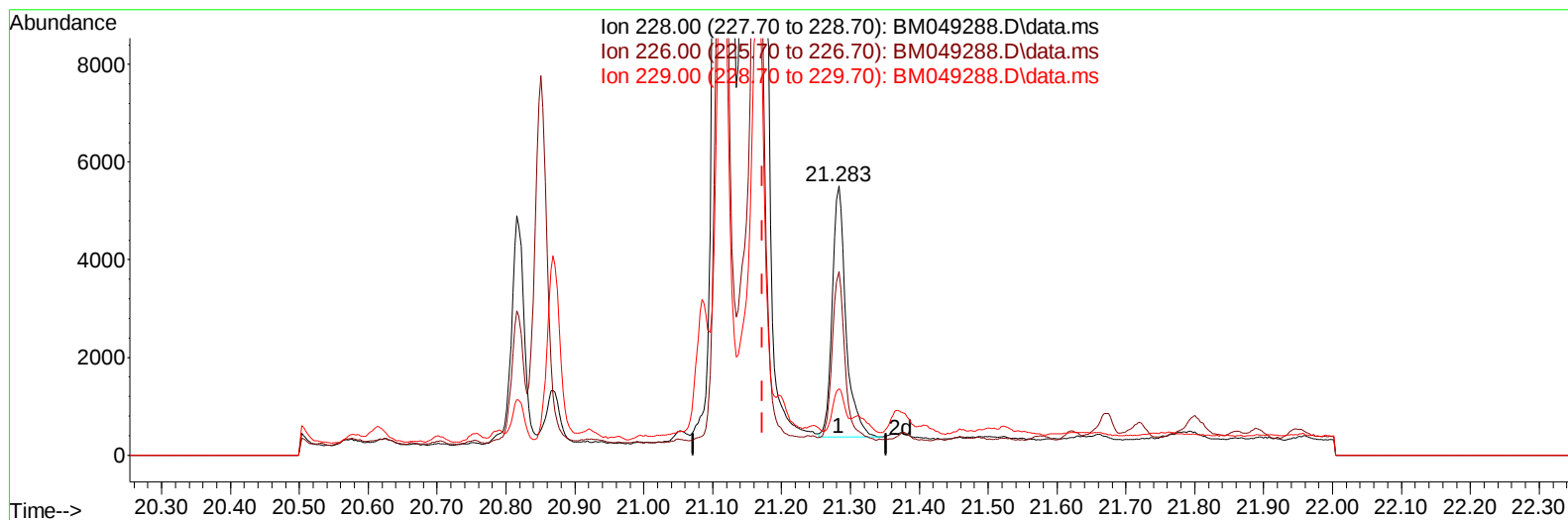
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(22) Chrysene

21.283min (+ 0.111) 0.07 ng/u1

response 7111

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	68.35#
229.00	19.80	24.64#
0.00	0.00	0.00

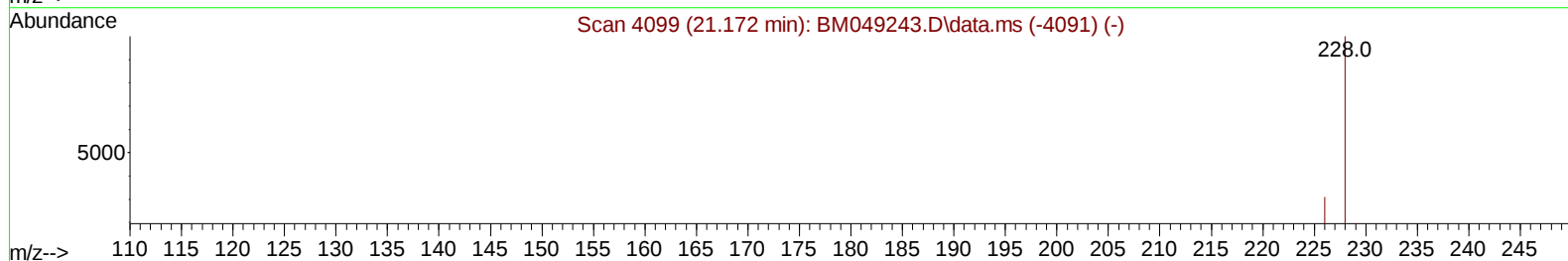
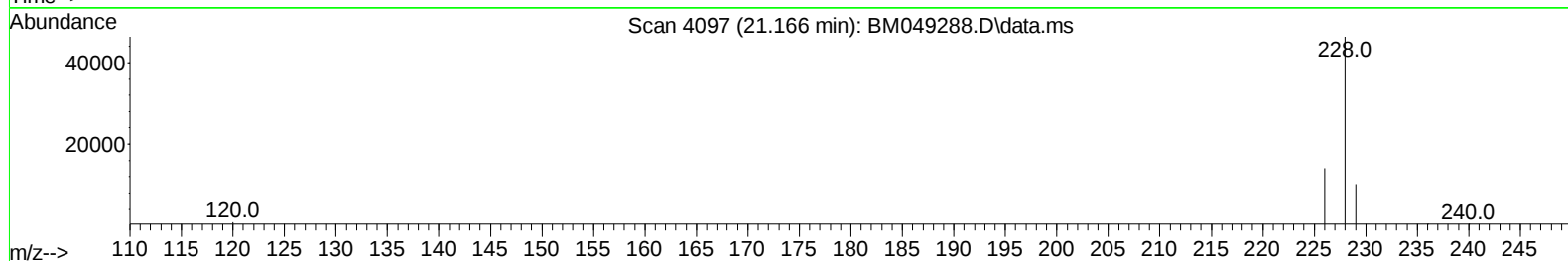
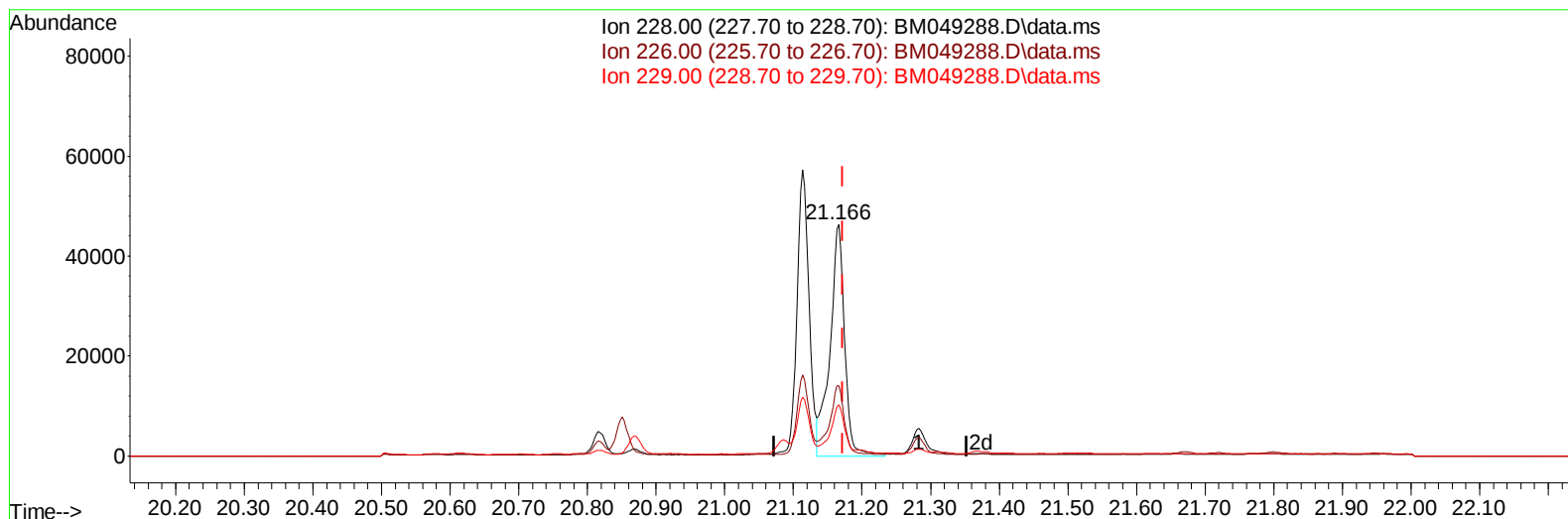
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(22) Chrysene

21.166min (-0.006) 0.70 ng/ul m

response 69416

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	30.36
229.00	19.80	22.08
0.00	0.00	0.00

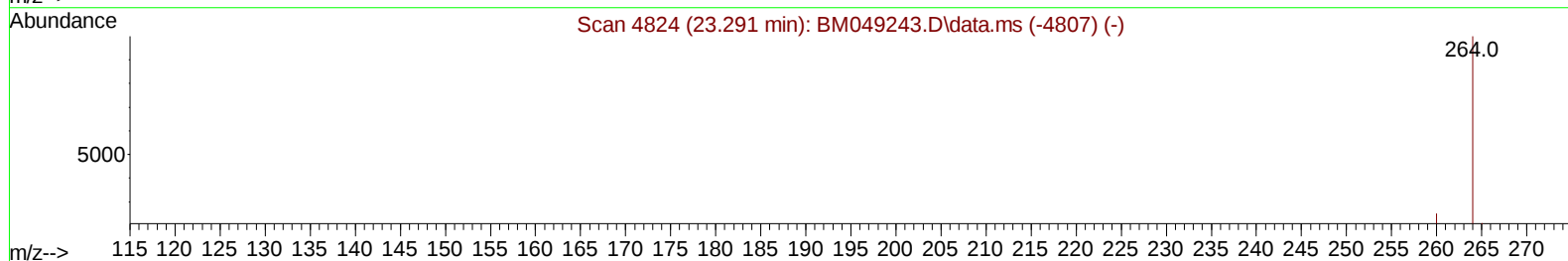
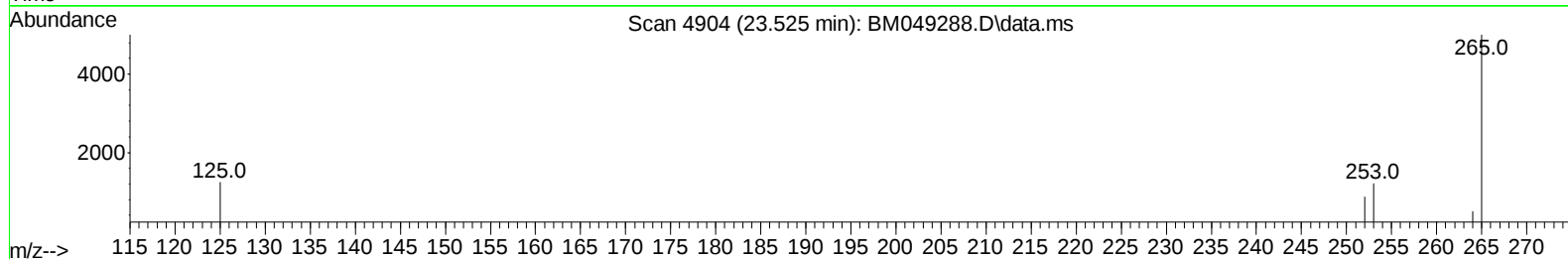
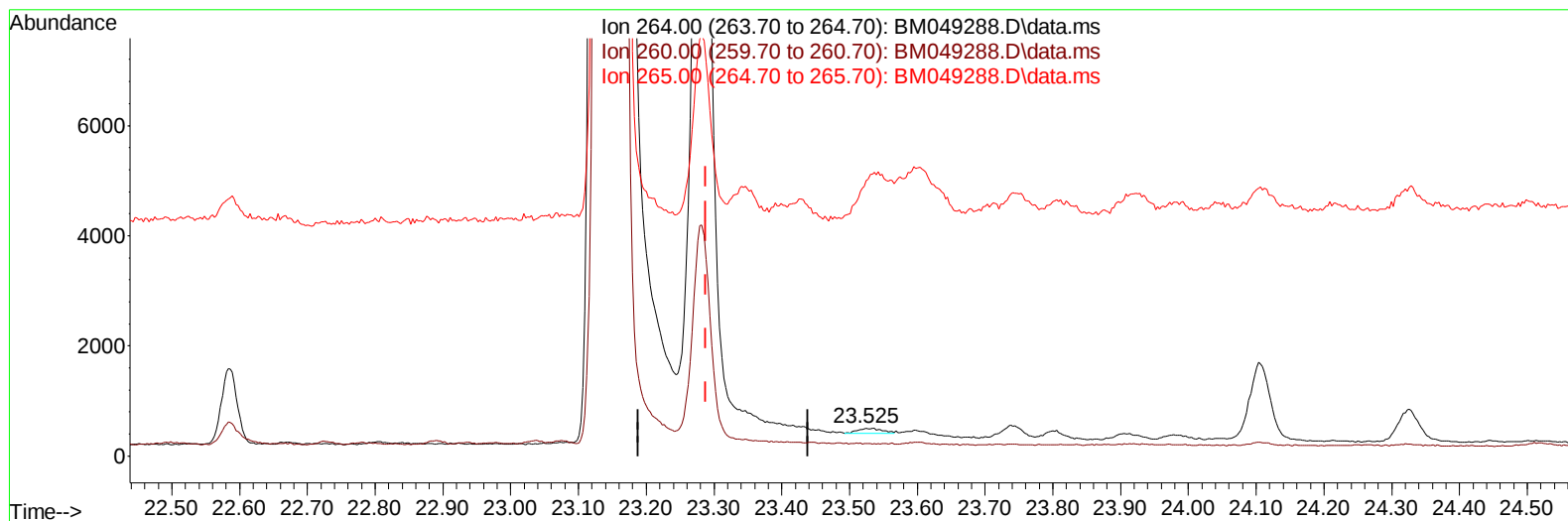
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(23) Perylene-d12 (I)

23.525min (+ 0.236) 0.40 ng/u1

response 228

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	44.86#
265.00	78.30	988.74#
0.00	0.00	0.00

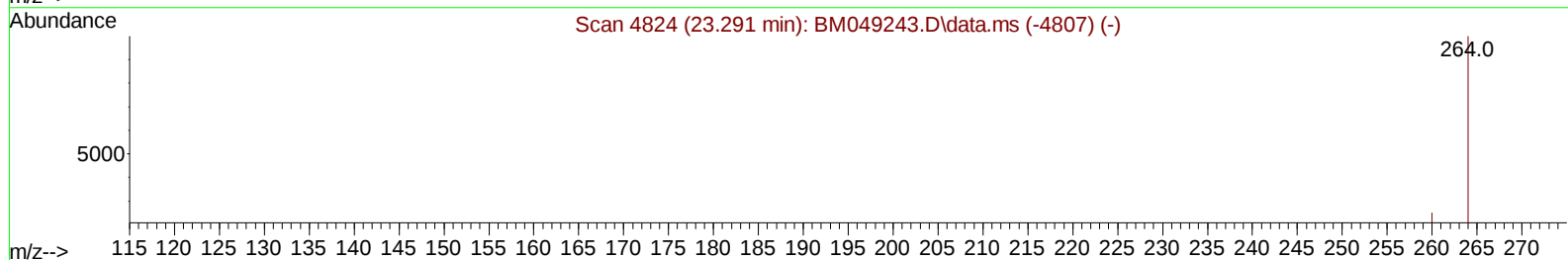
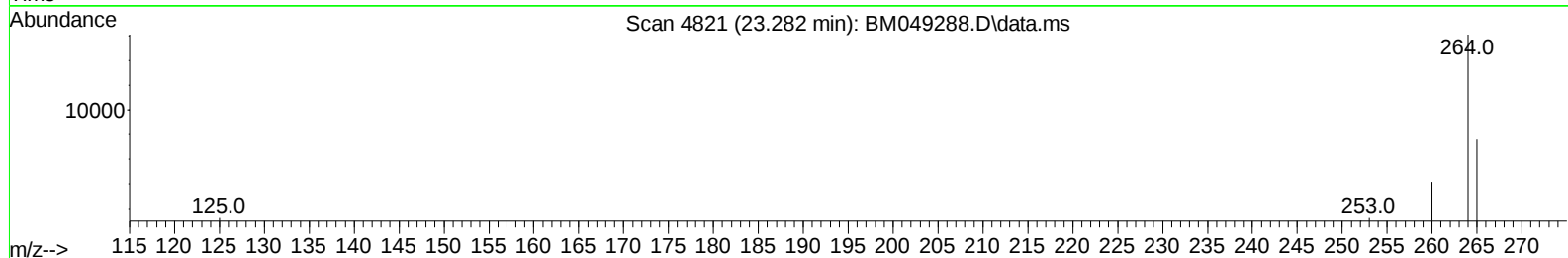
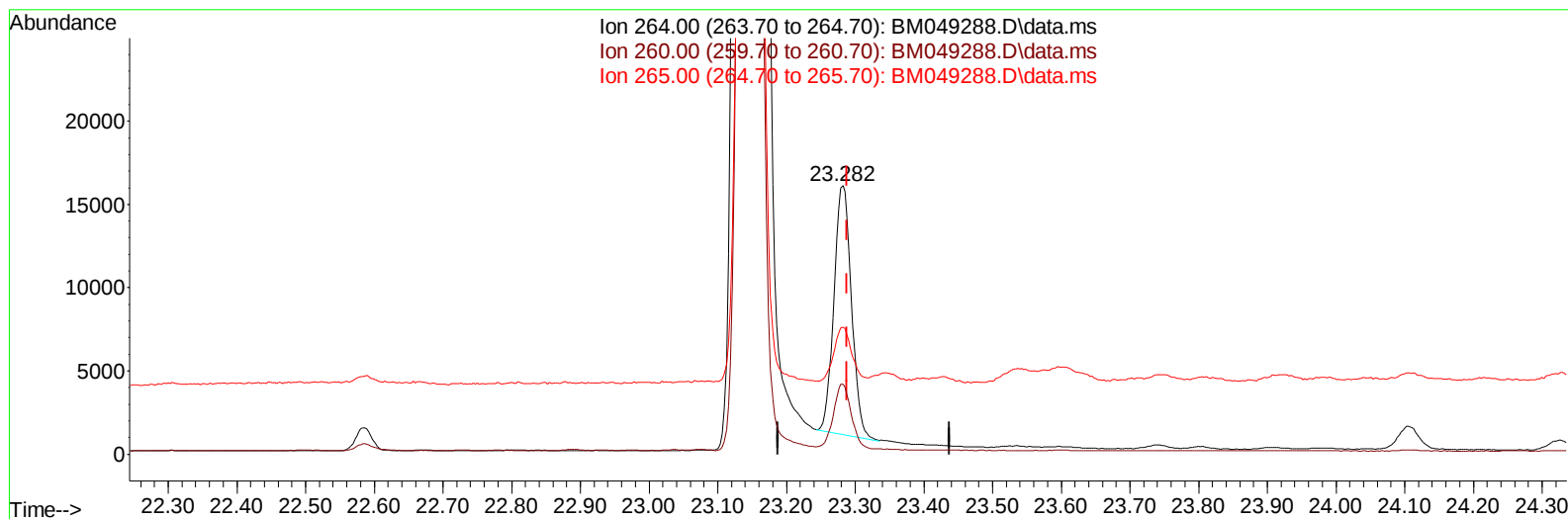
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(23) Perylene-d12 (I)

23.282min (-0.006) 0.40 ng/ul m

response 26427

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.01
265.00	78.30	47.25#
0.00	0.00	0.00

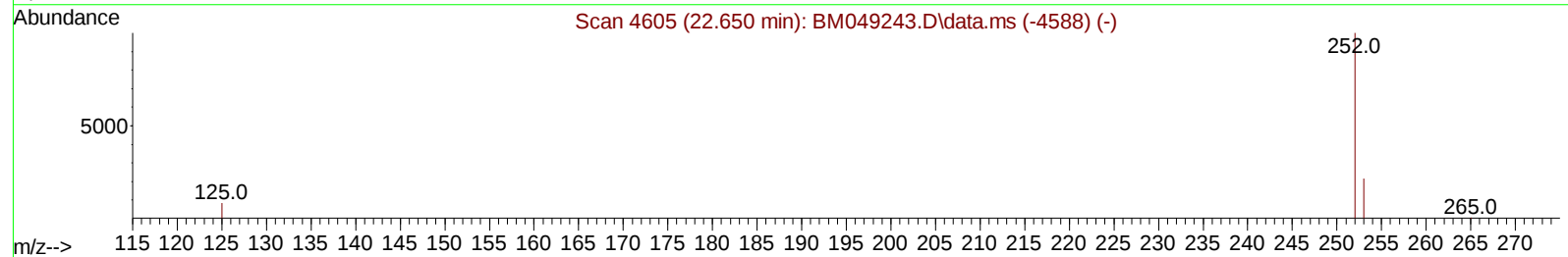
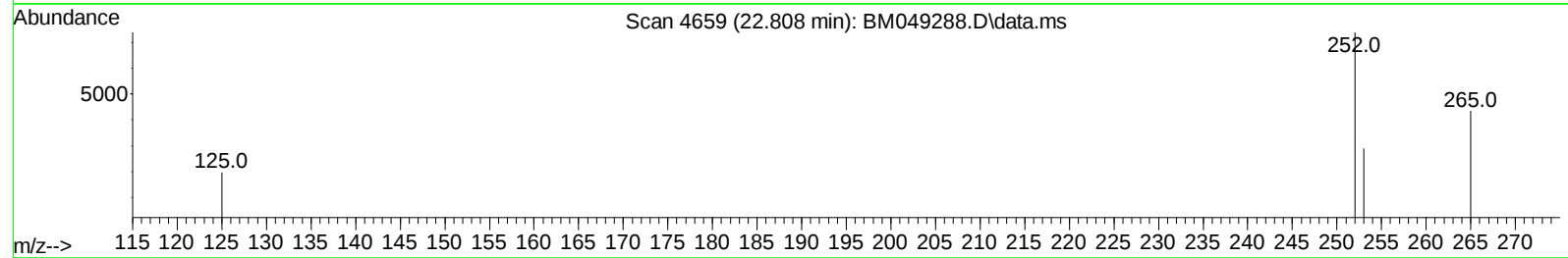
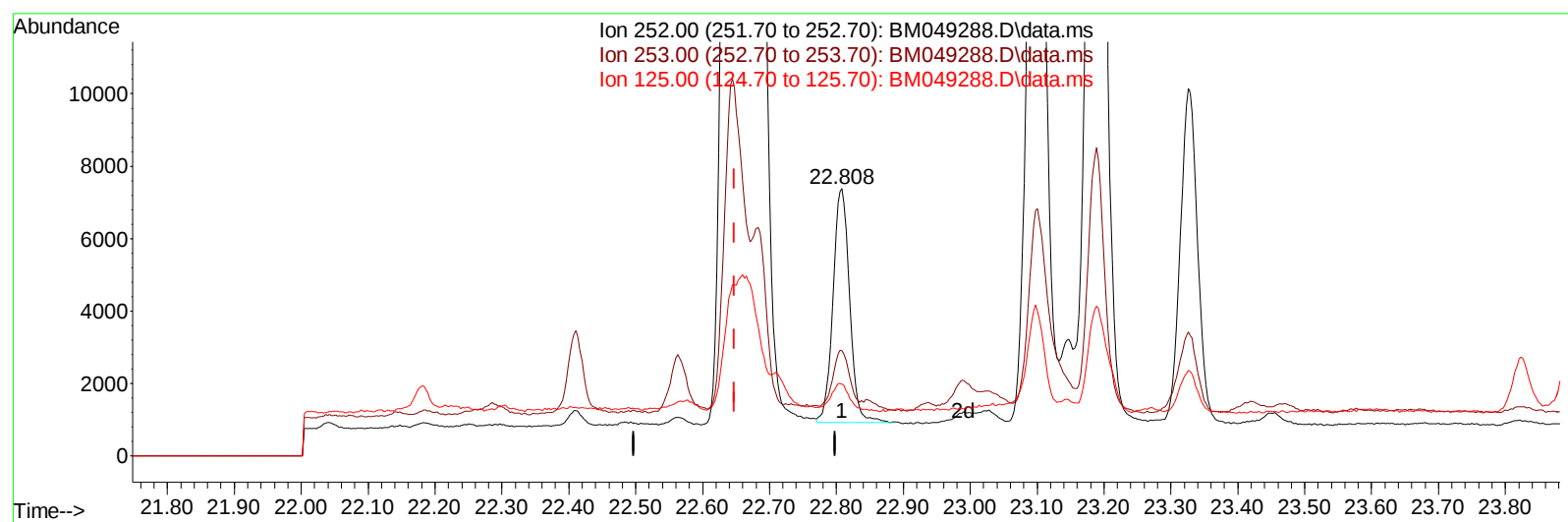
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(24) Benzo(b)fluoranthene

22.808min (+ 0.160) 0.13 ng/u1

response 11106

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	39.26
125.00	15.40	26.69
0.00	0.00	0.00

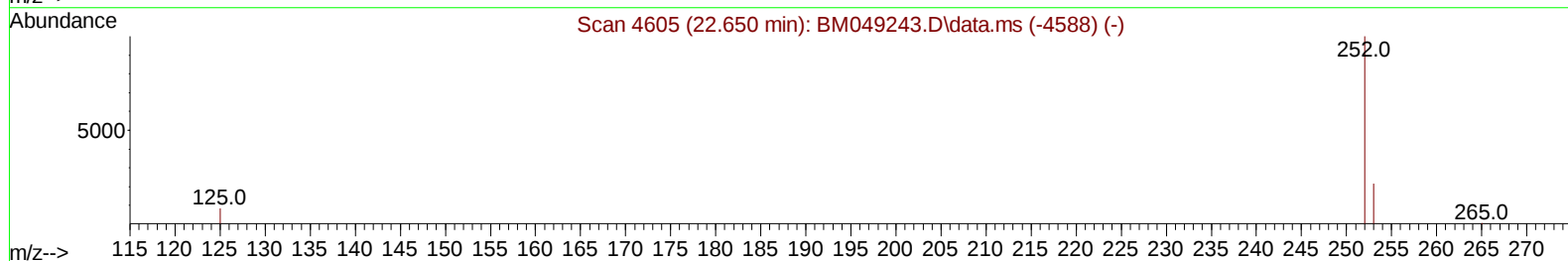
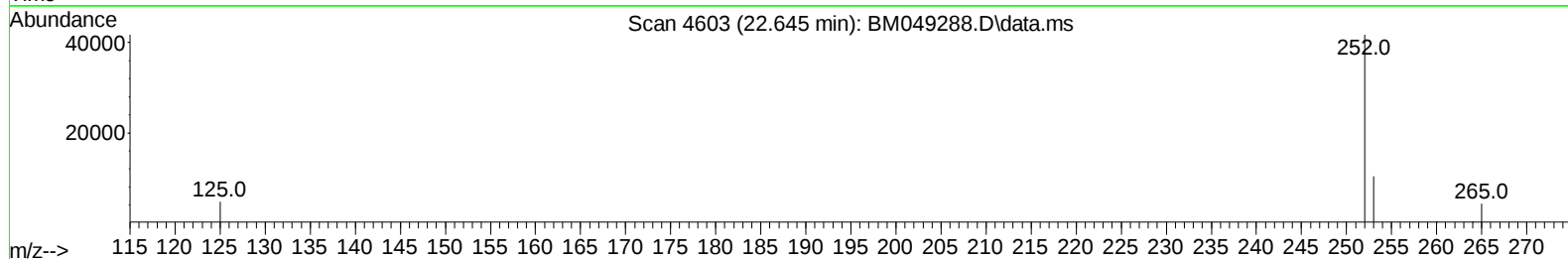
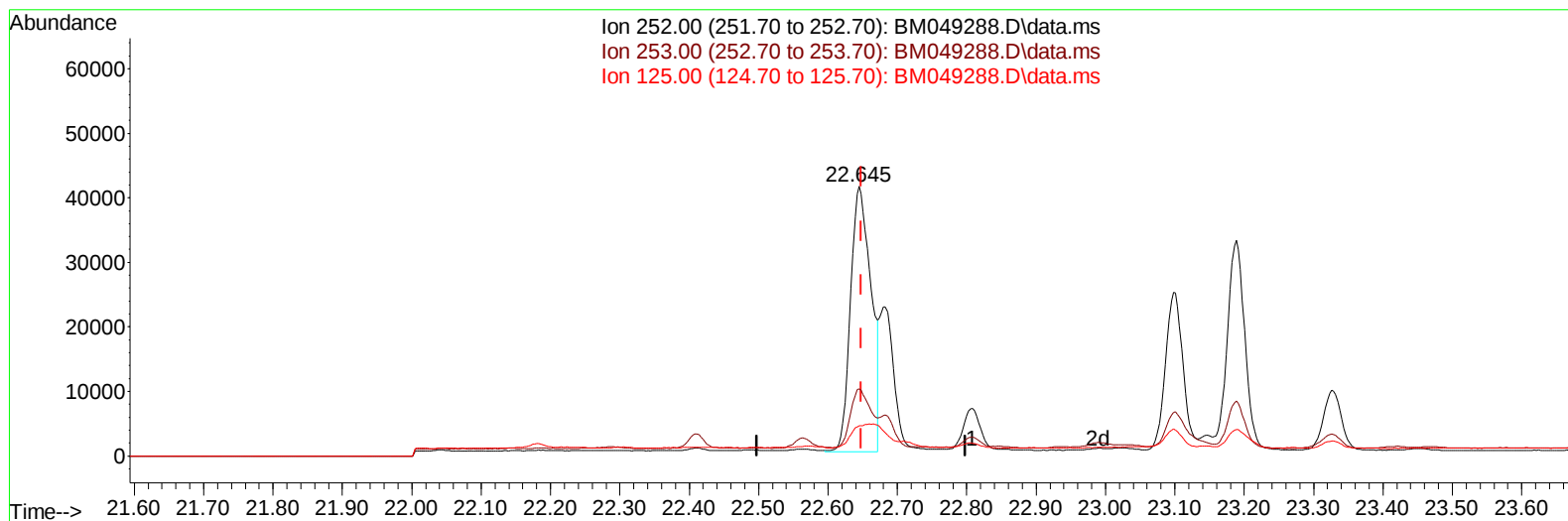
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(24) Benzo(b)fluoranthene

22.645min (-0.003) 1.00 ng/u1 m

response 84641

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	24.94
125.00	15.40	11.30
0.00	0.00	0.00

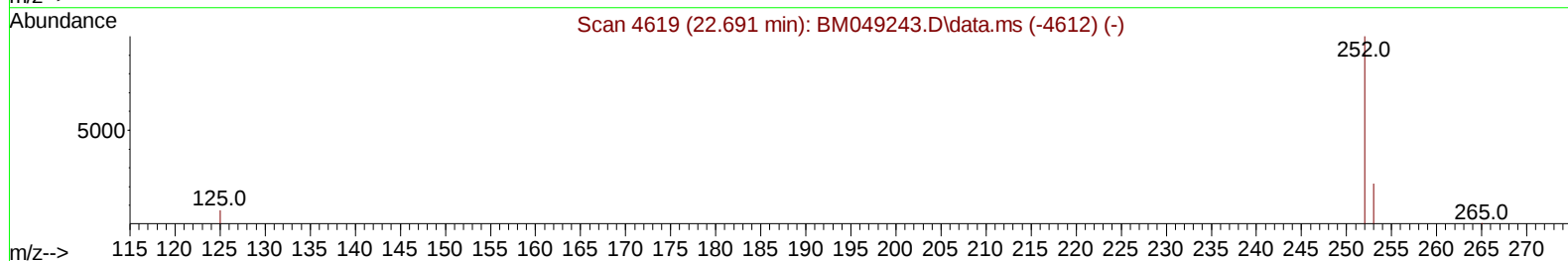
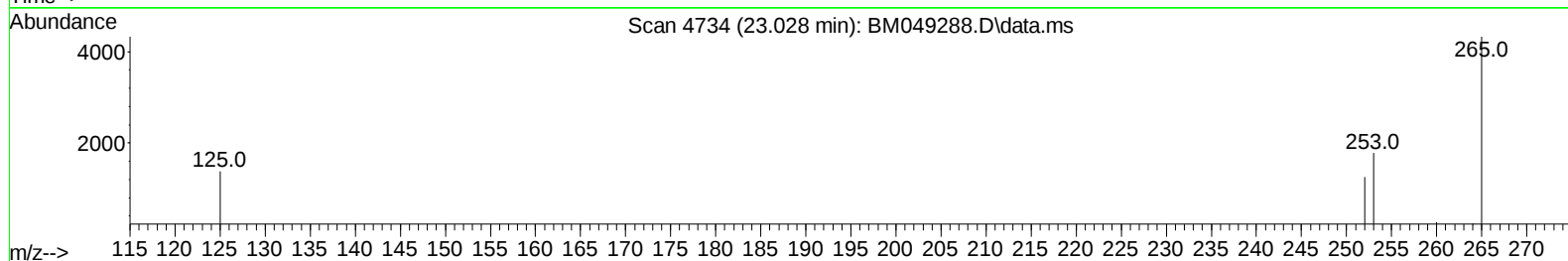
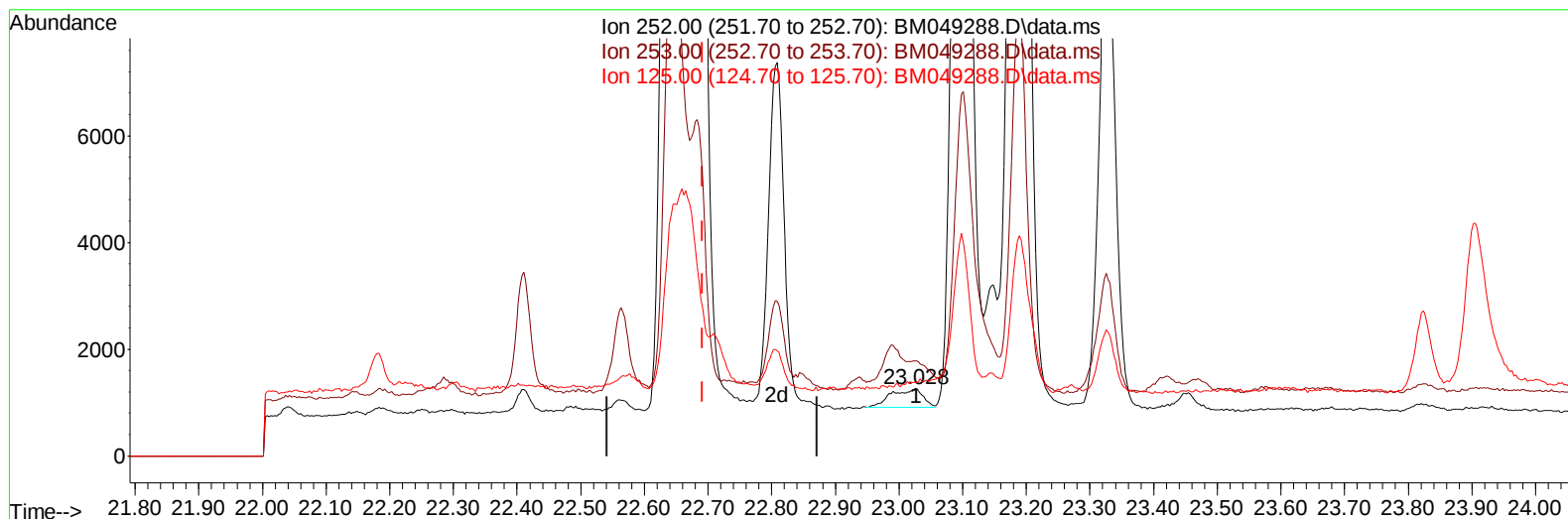
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(25) Benzo(k)fluoranthene

23.028min (+ 0.336) 0.01 ng/u1

response 1239

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	141.06#
125.00	15.70	109.61#
0.00	0.00	0.00

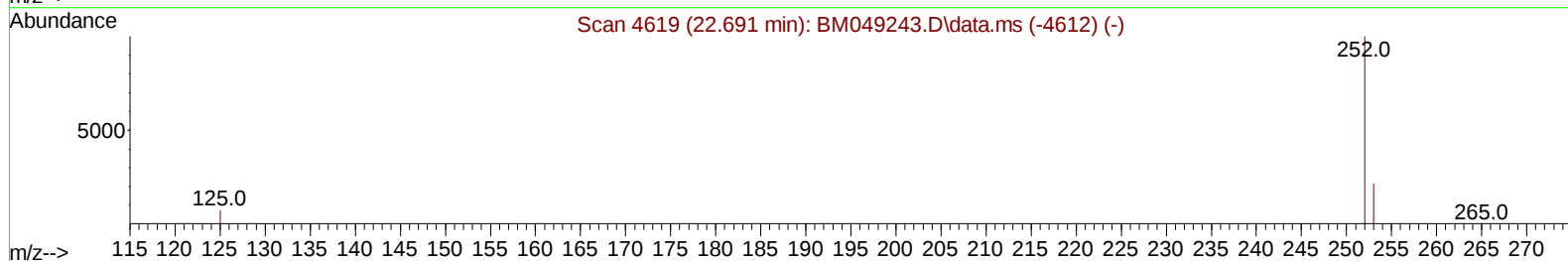
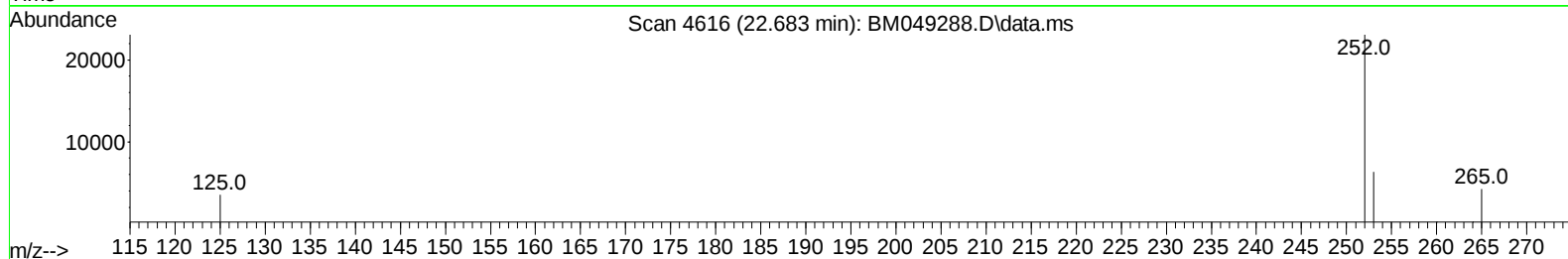
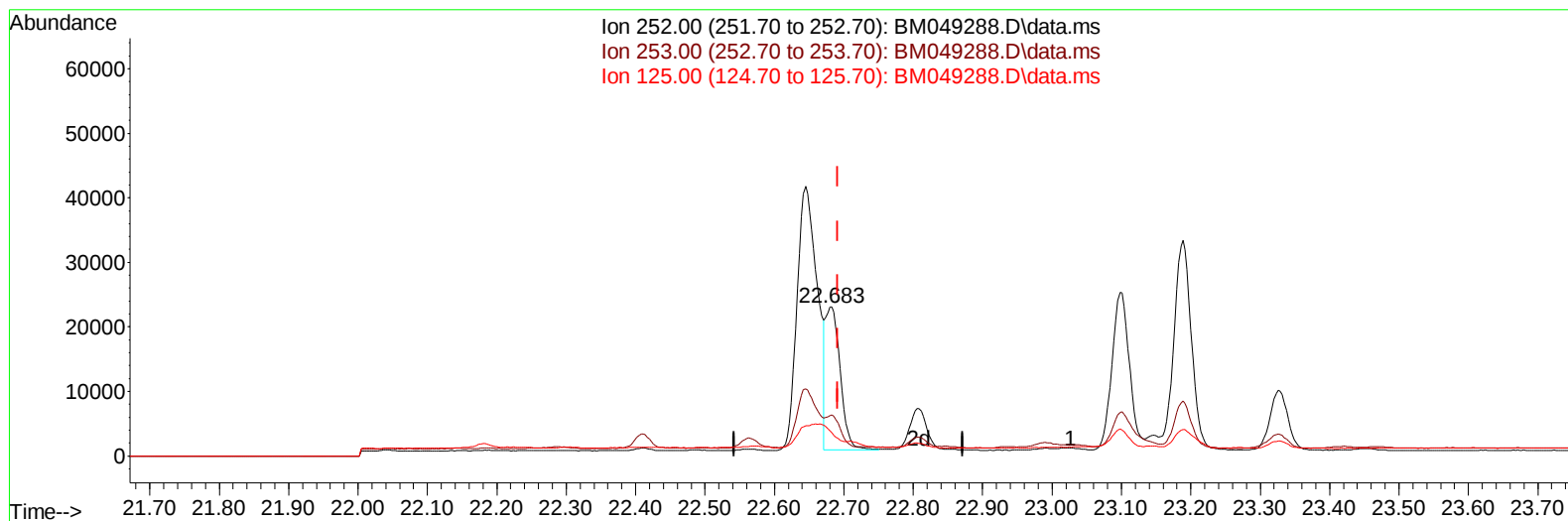
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration



TIC: BM049288.D\data.ms

(25) Benzo(k)fluoranthene

22.683min (-0.009) 0.35 ng/u1 m

response 32304

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	27.37
125.00	15.70	15.44
0.00	0.00	0.00

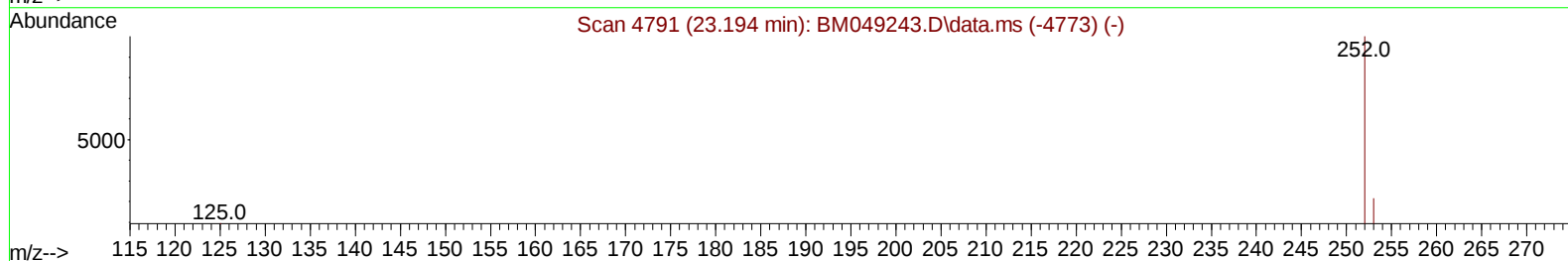
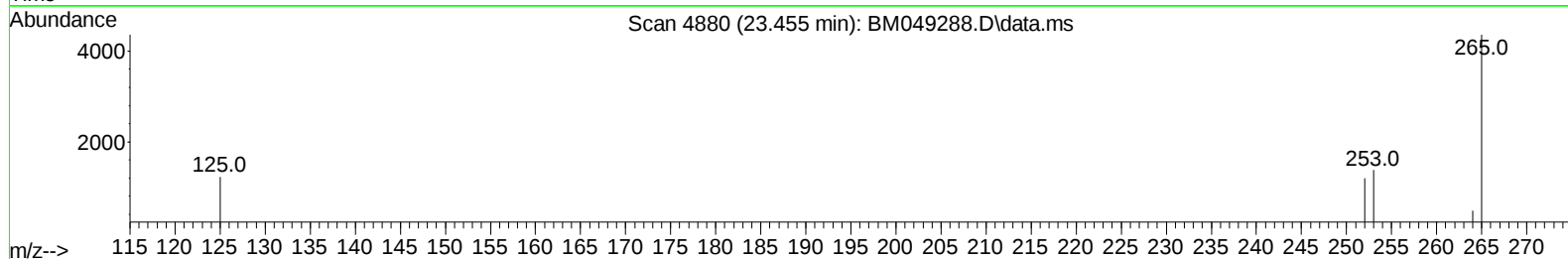
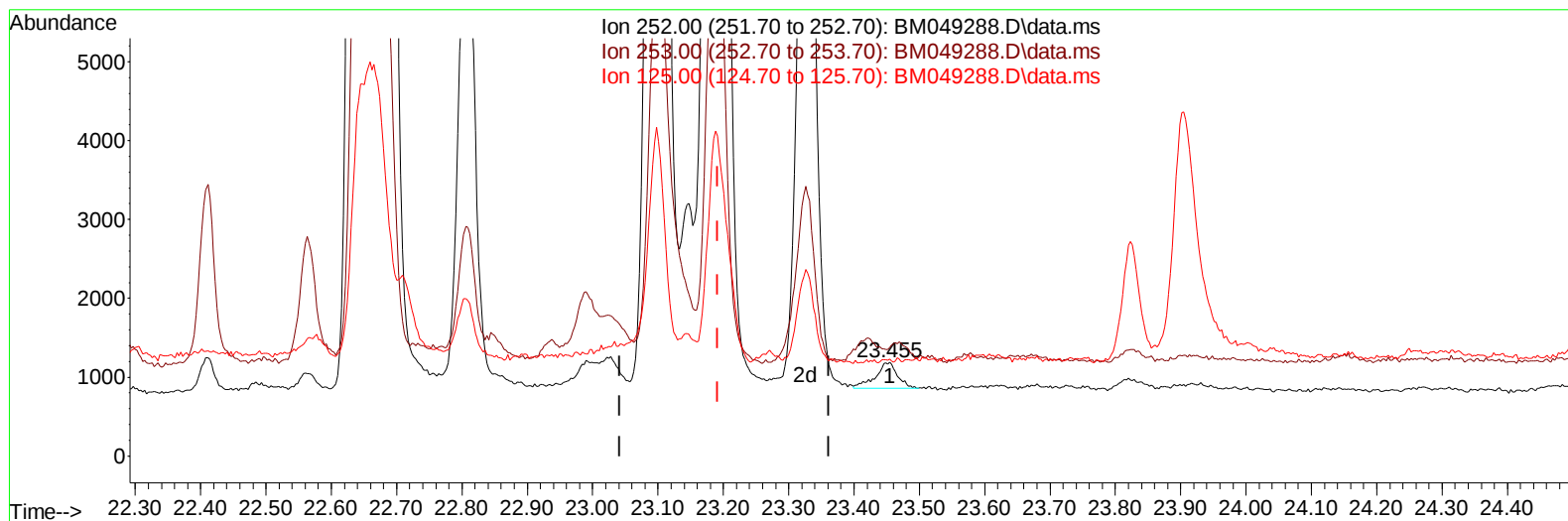
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(26) Benzo(a)pyrene (C)

23.455min (+ 0.263) 0.01 ng/u1

response 775

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	115.28#
125.00	18.50	103.36#
0.00	0.00	0.00

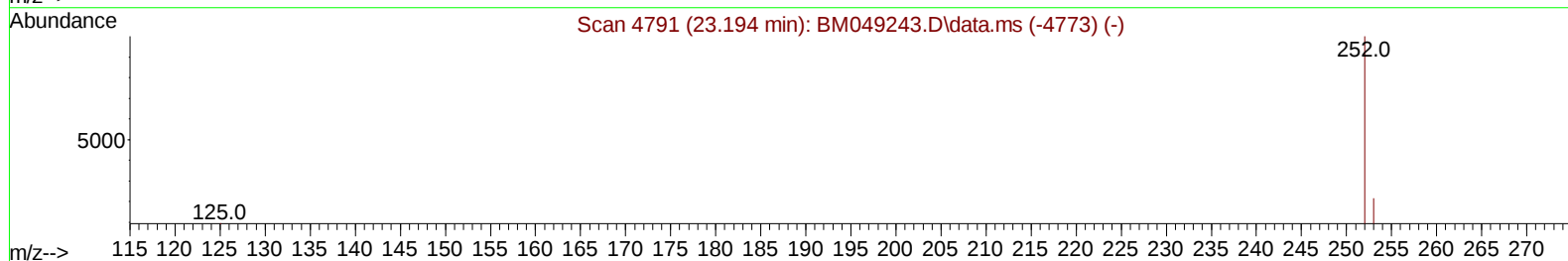
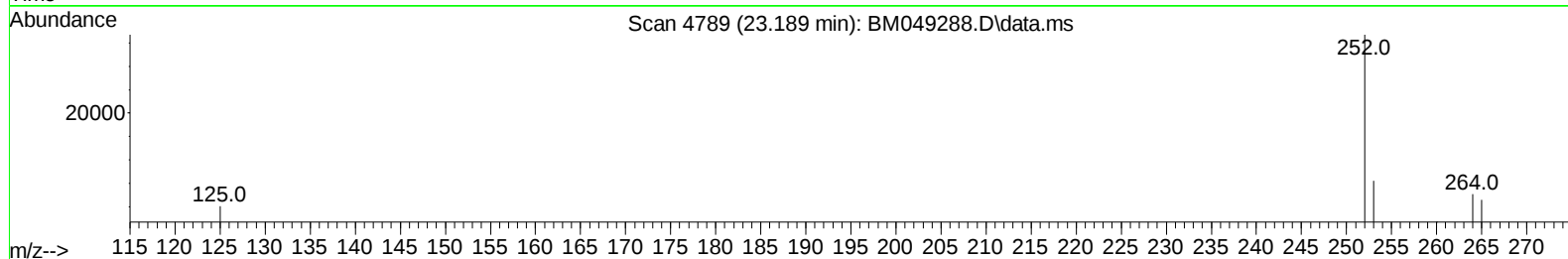
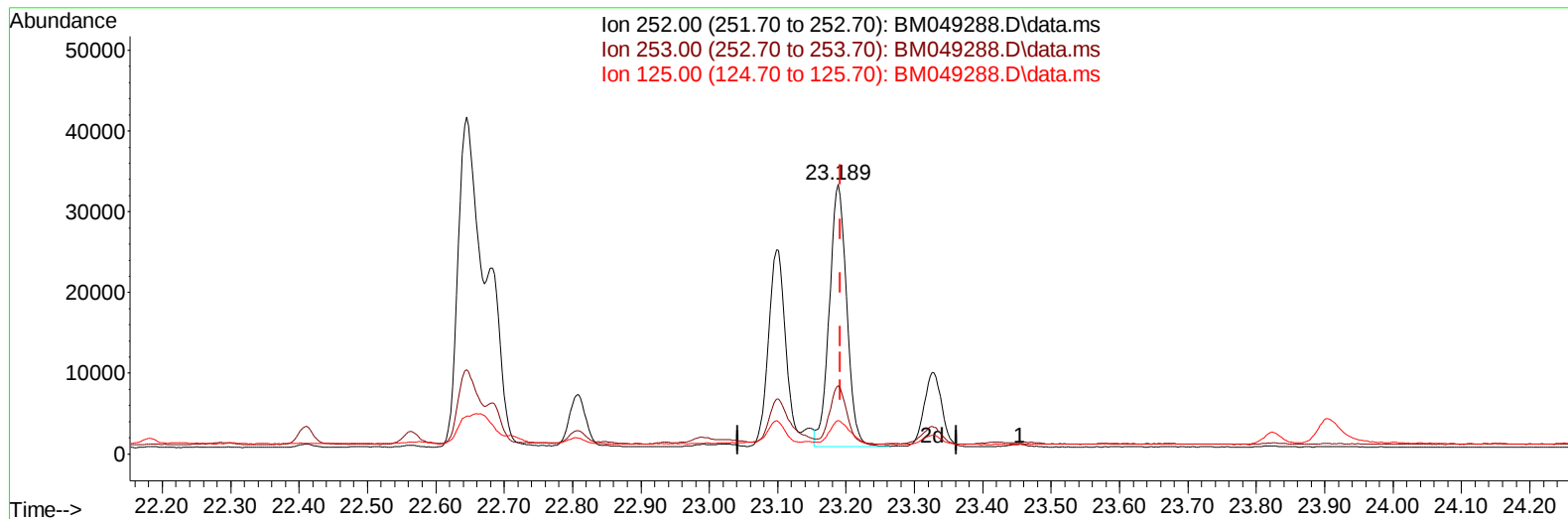
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

(26) Benzo(a)pyrene (C)

23.189min (-0.003) 0.71 ng/u1 m

response 57407

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	25.48
125.00	18.50	12.35#
0.00	0.00	0.00

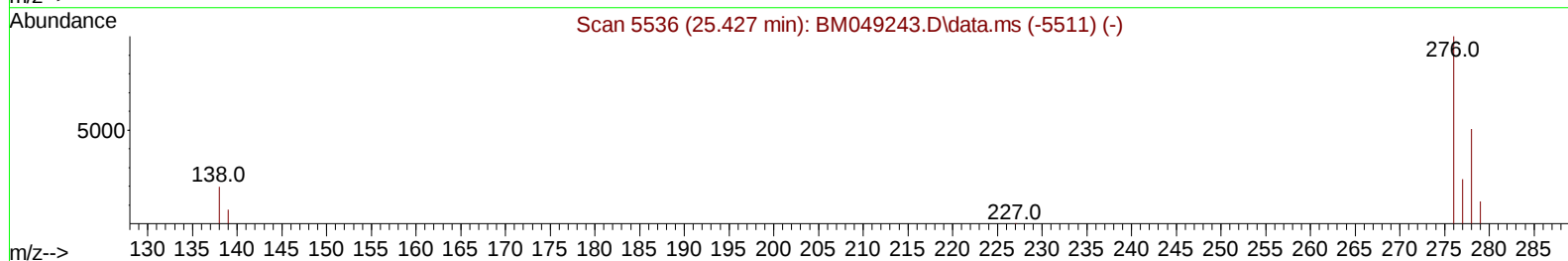
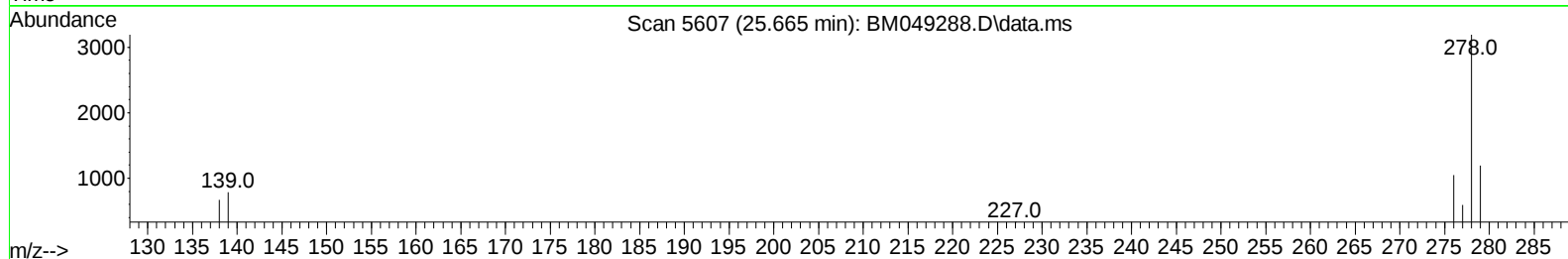
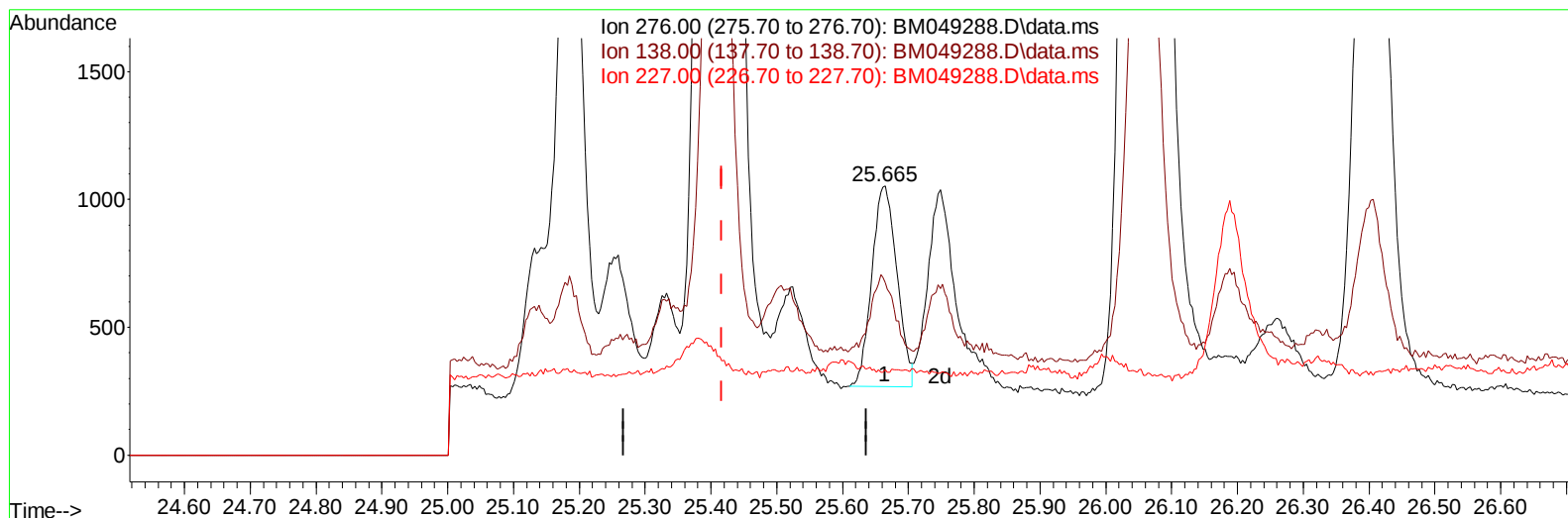
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049288.D\data.ms

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

25.665min (+ 0.248) 0.02 ng/u1

response 2086

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	37.34#
227.00	0.20	0.86#
0.00	0.00	0.00

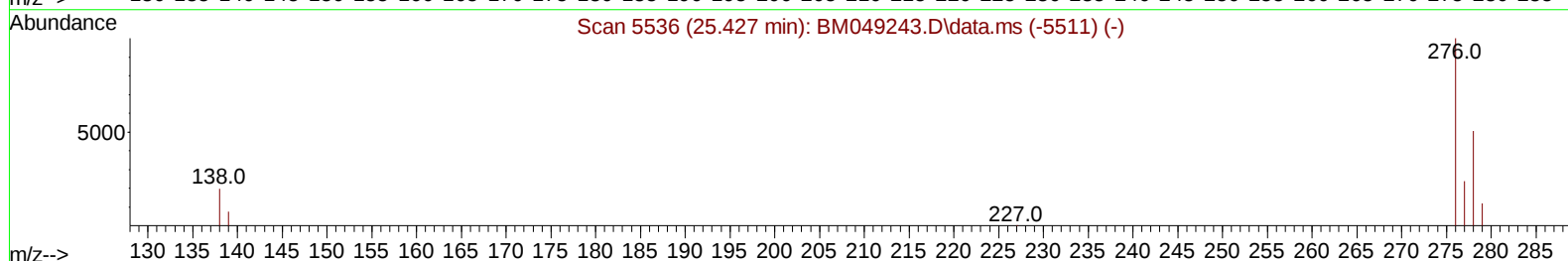
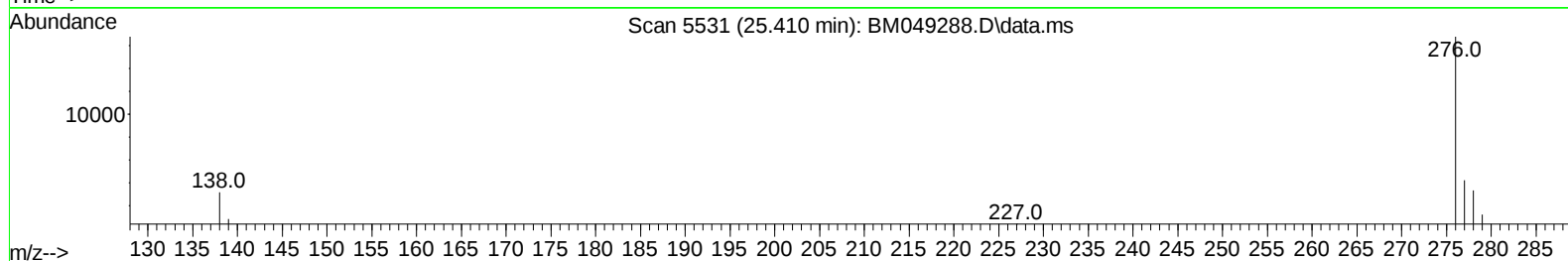
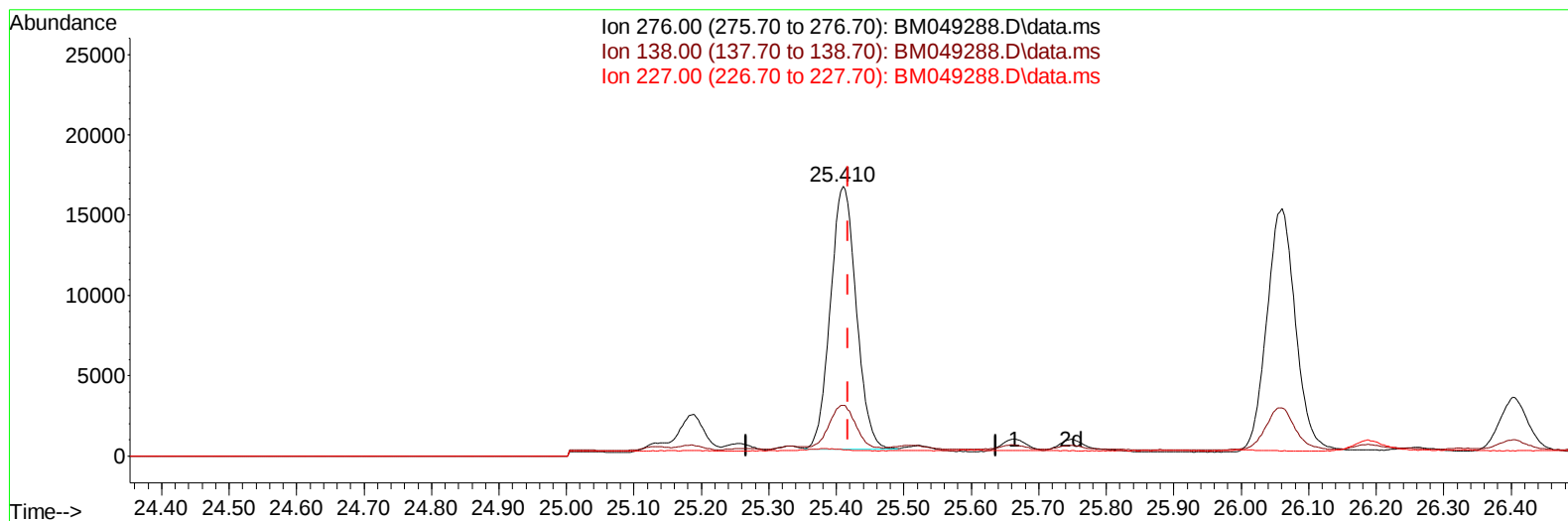
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM049288.D\data.ms

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

25.410min (-0.007) 0.38 ng/u1 m

response 43676

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	1.78#
227.00	0.20	0.04#
0.00	0.00	0.00

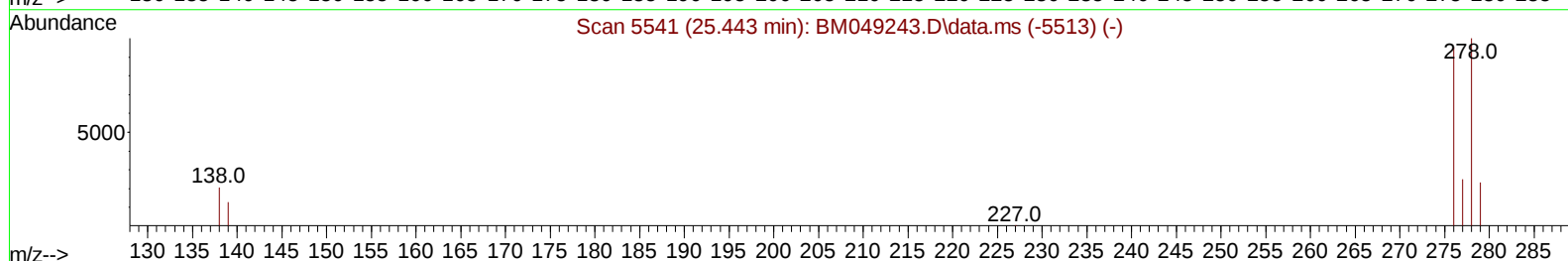
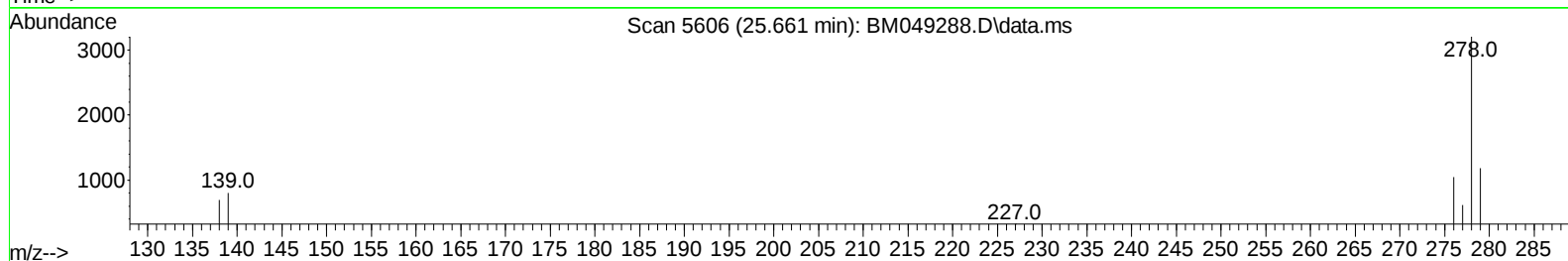
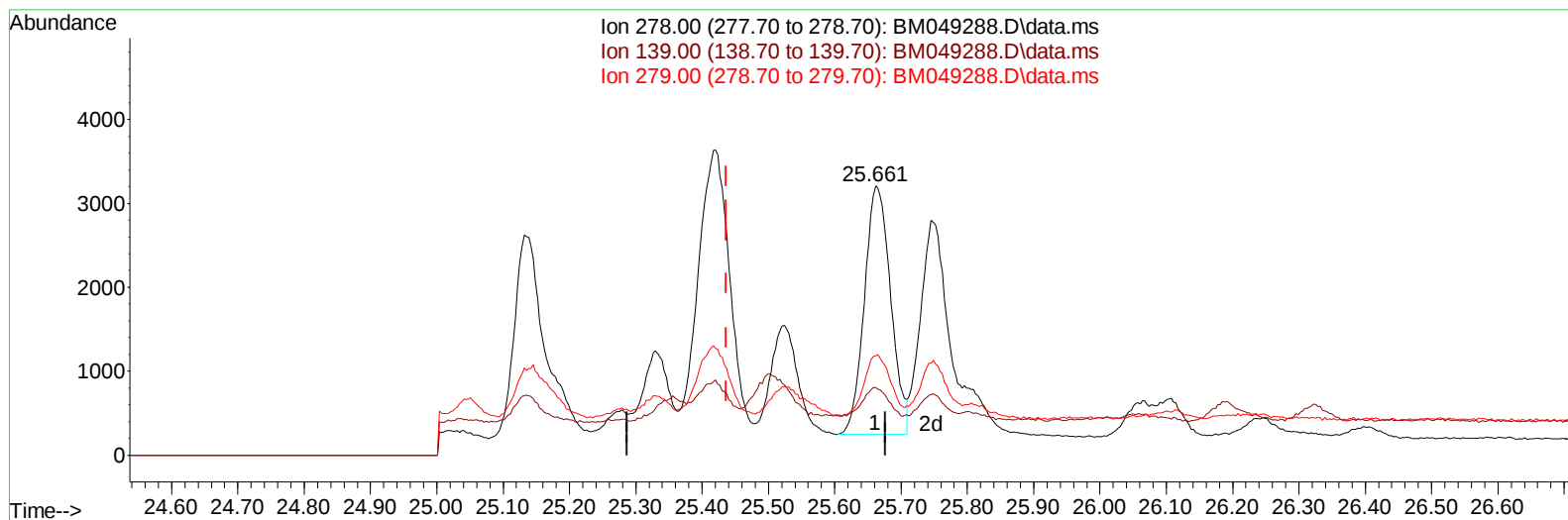
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
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TIC: BM049288.D\data.ms

(28) Dibenzo(a,h)anthracene

25.661min (+ 0.224) 0.09 ng/u1

response 8122

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	25.17#
279.00	26.90	36.90#
0.00	0.00	0.00

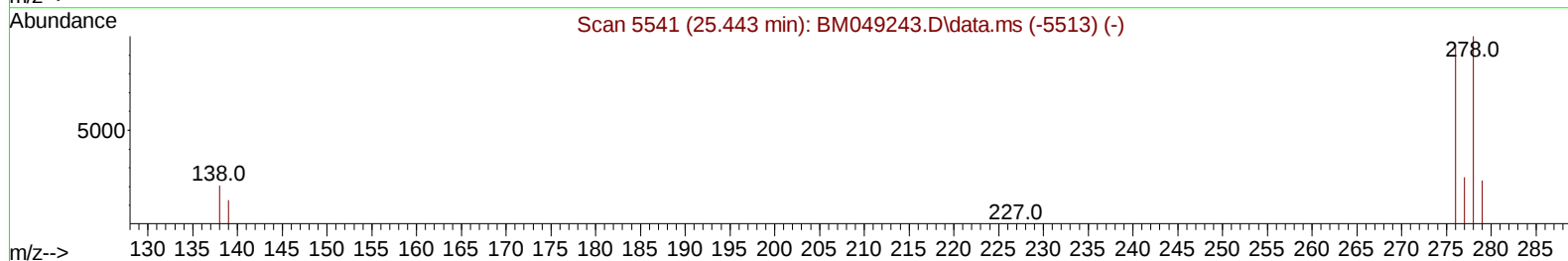
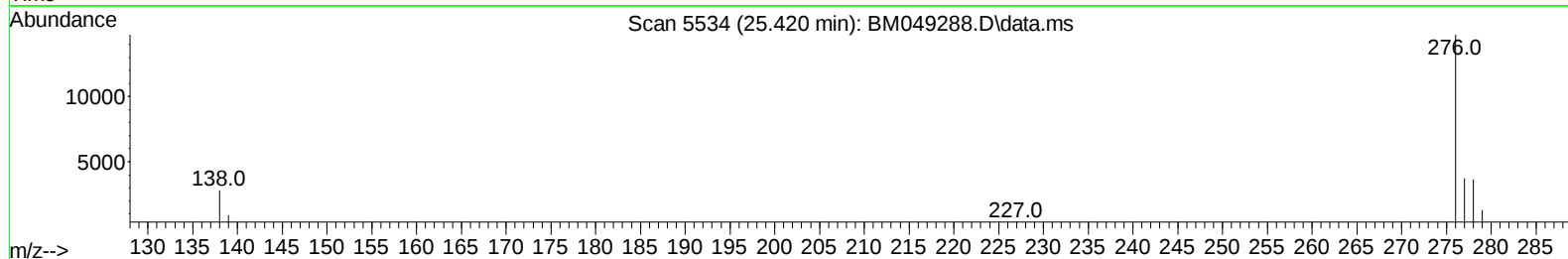
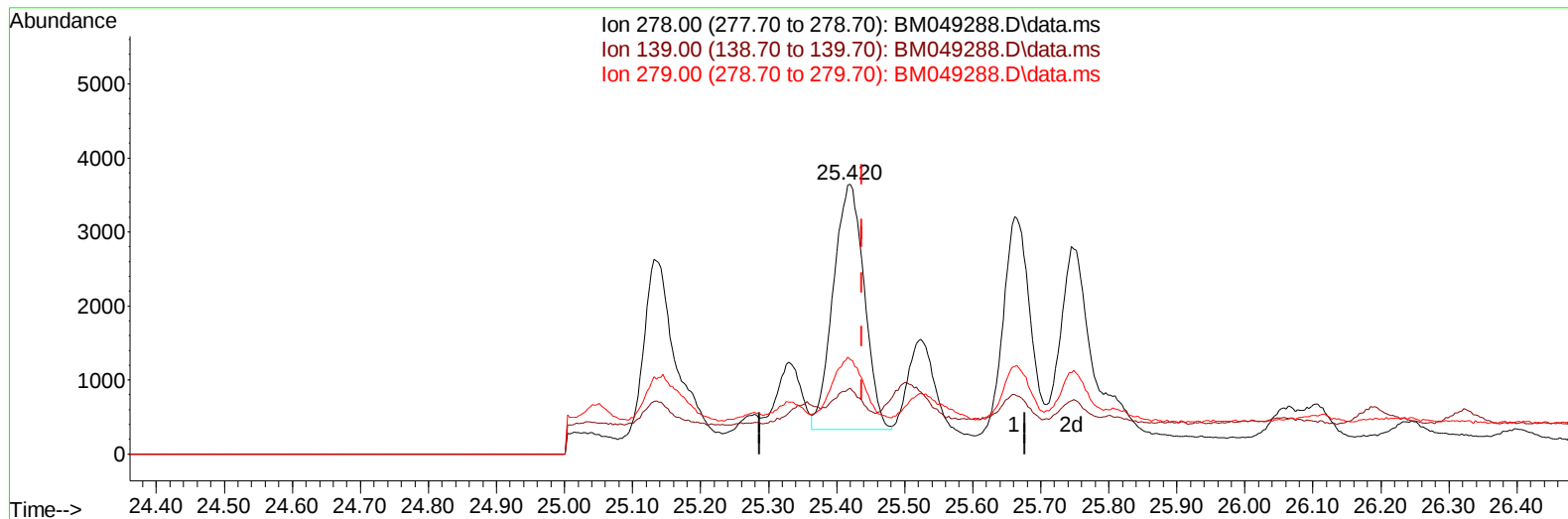
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

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TIC: BM049288.D\data.ms

(28) Dibenzo(a,h)anthracene

25.420min (-0.017) 0.12 ng/ul m

response 10503

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	24.53#
279.00	26.90	35.05#
0.00	0.00	0.00

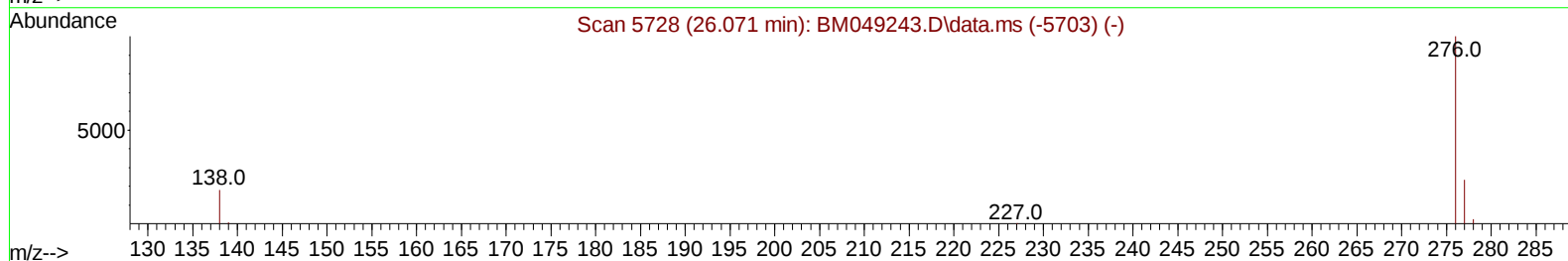
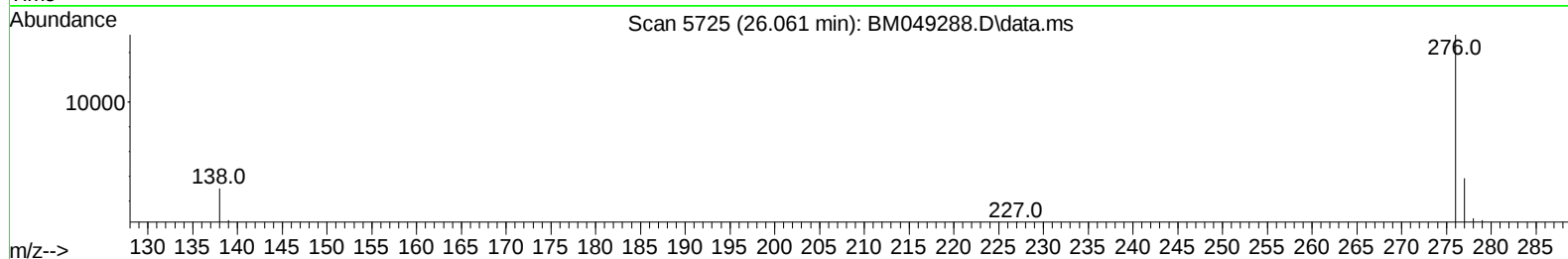
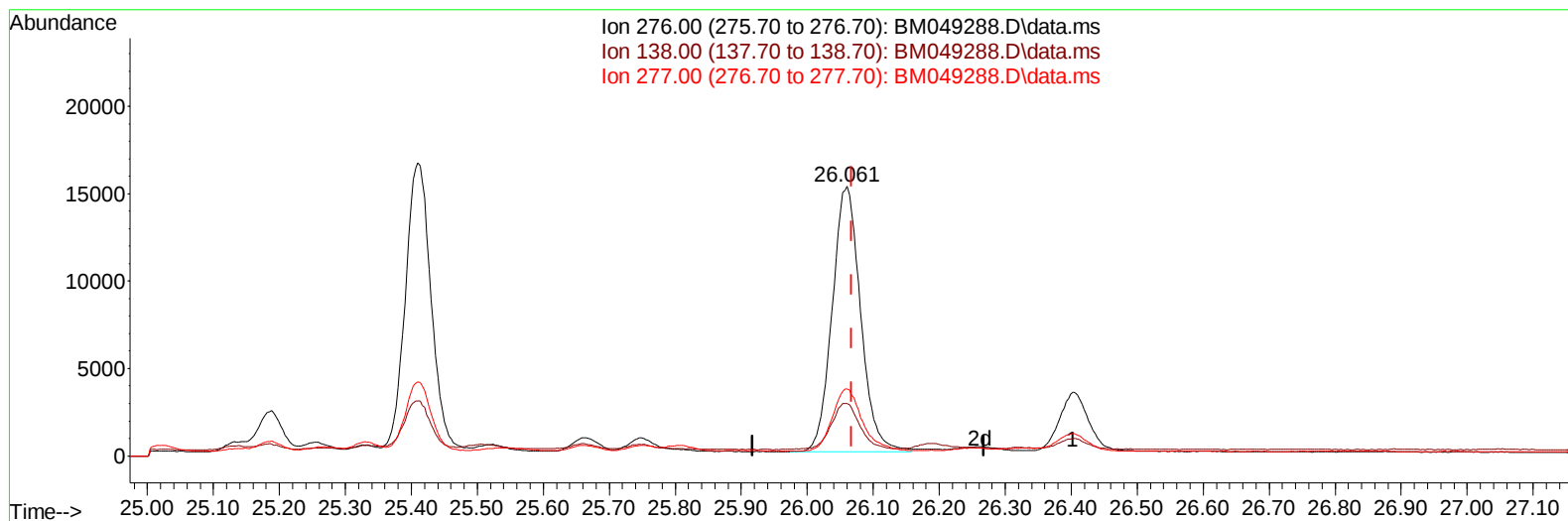
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049288.D
Acq On : 28 Dec 2024 12:08
Operator : RC/JU
Sample : P5351-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2926

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:02 2024
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TIC: BM049288.D\data.ms

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

26.061min (-0.007) 0.49 ng/ul m

response 45568

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	19.51
277.00	24.90	24.98
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049288.D
 Acq On : 28 Dec 2024 12:08
 Operator : RC/JU
 Sample : P5351-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2926

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
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 QLast Update : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	6574	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	21339	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	12845	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.926	188	30186m	0.400	ng/ul	0.00
17) Chrysene-d12	21.131	240	26471m	0.400	ng/ul	0.00
23) Perylene-d12	23.282	264	26427m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	26107	3.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	6519	0.227	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	14376m	0.191	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.348	128	1558	0.029	ng/ul#	77
7) 2-Methylnaphthalene	11.976	142	995	0.029	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	1055	0.030	ng/ul	97
10) Acenaphthylene	13.891	152	1789	0.034	ng/ul#	76
11) Acenaphthene	14.238	153	3464	0.089	ng/ul	99
12) Fluorene	15.233	166	3385	0.077	ng/ul#	98
15) Phenanthrene	16.968	178	82933m	1.052	ng/ul	
16) Anthracene	17.061	178	17080m	0.236	ng/ul	
19) Fluoranthene	18.993	202	162873m	1.702	ng/ul	
20) Pyrene	19.355	202	130835m	1.282	ng/ul	
21) Benzo(a)anthracene	21.114	228	70556m	0.766	ng/ul	
22) Chrysene	21.166	228	69416m	0.702	ng/ul	
24) Benzo(b)fluoranthene	22.645	252	84641m	1.003	ng/ul	
25) Benzo(k)fluoranthene	22.683	252	32304m	0.349	ng/ul	
26) Benzo(a)pyrene	23.189	252	57407m	0.709	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.410	276	43676m	0.381	ng/ul	
28) Dibenzo(a,h)anthracene	25.420	278	10503m	0.118	ng/ul	
29) Benzo(g,h,i)perylene	26.061	276	45568m	0.494	ng/ul	

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

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