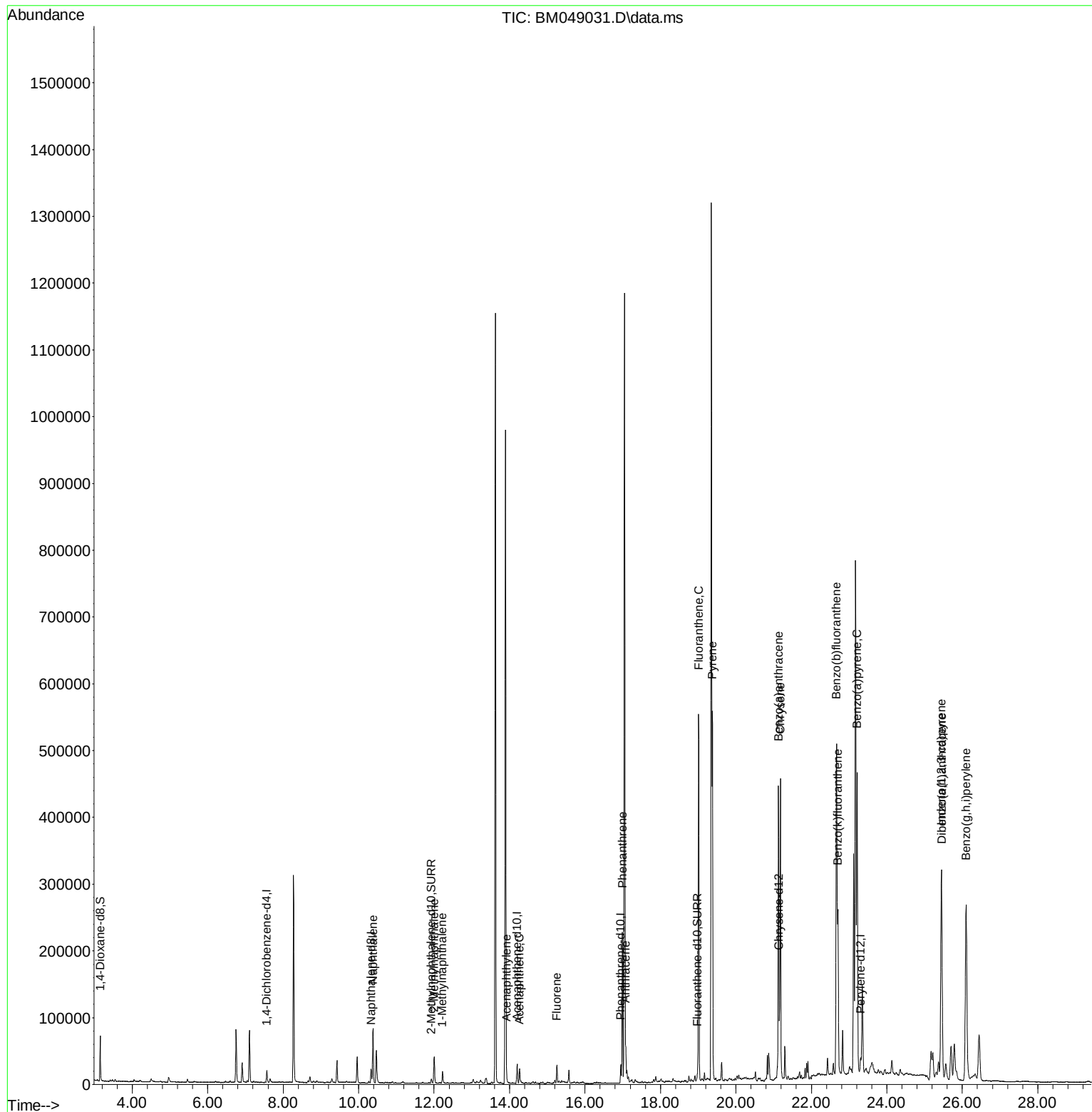


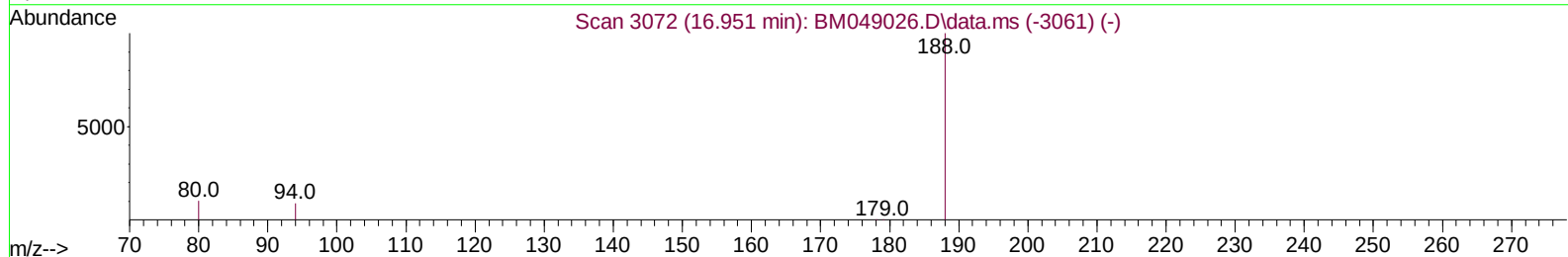
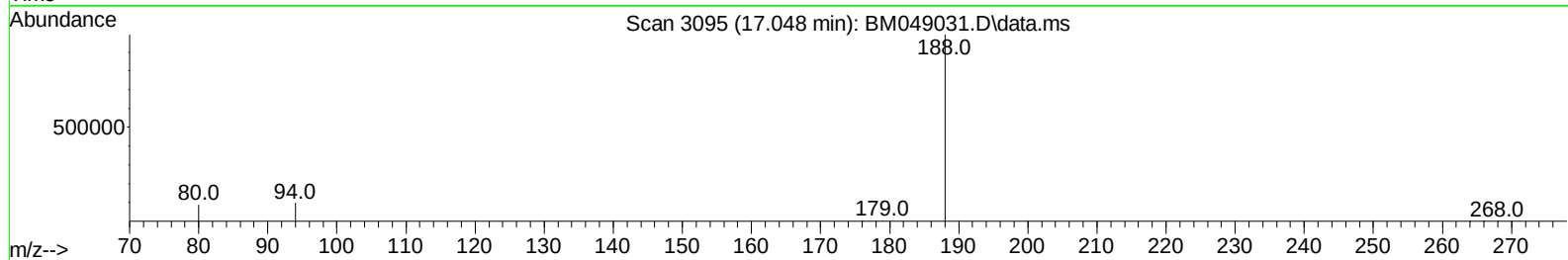
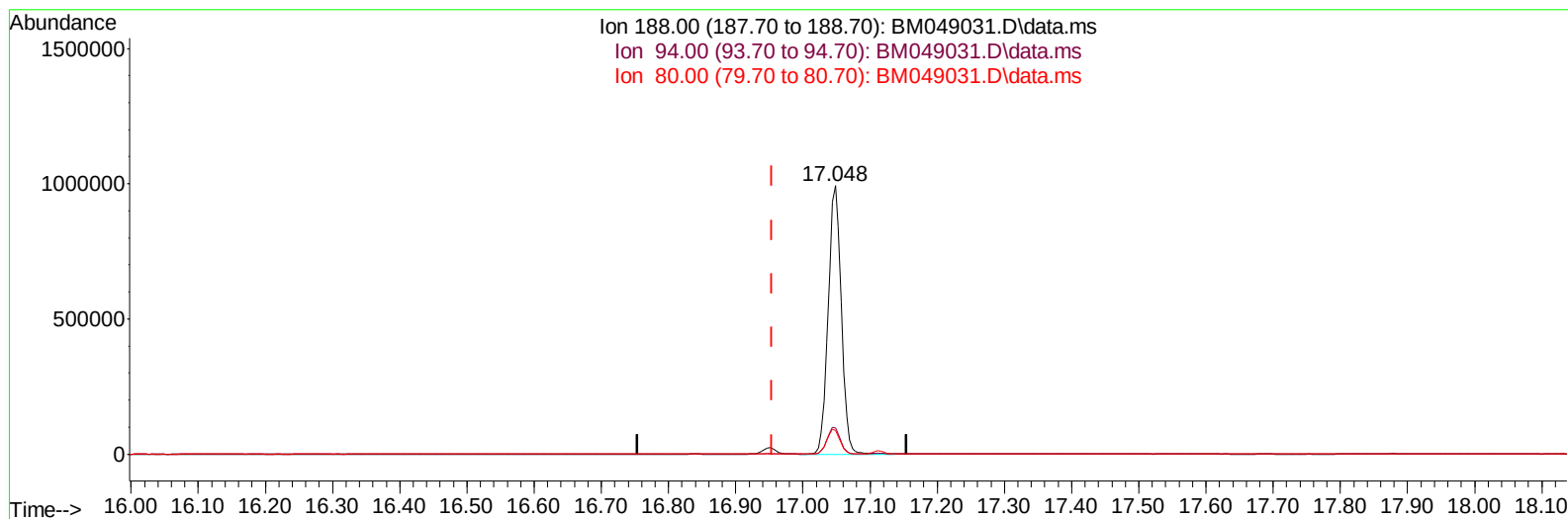
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(13) Phenanthrene-d10 (I)

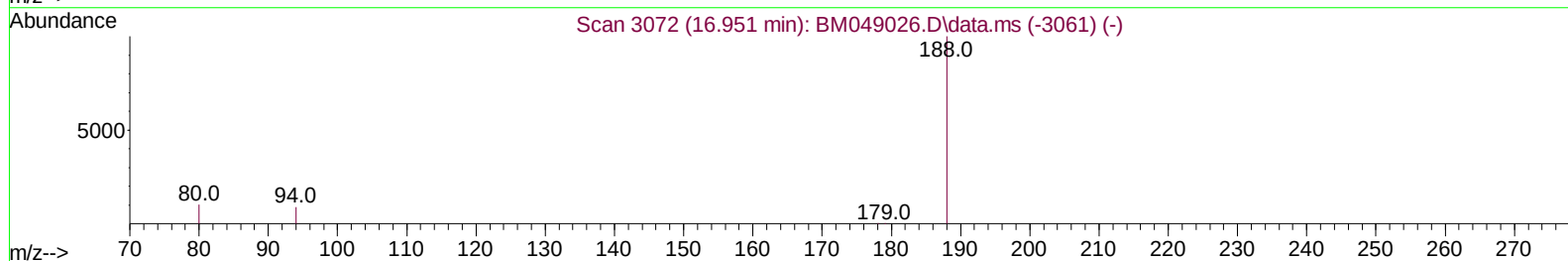
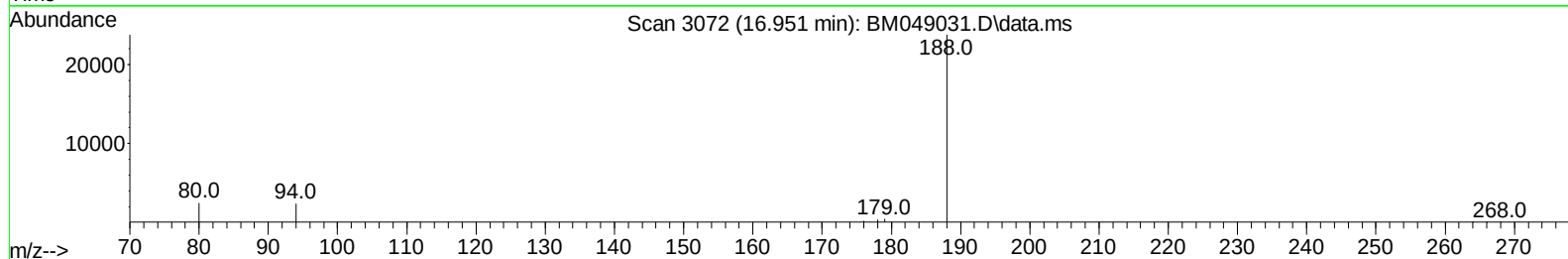
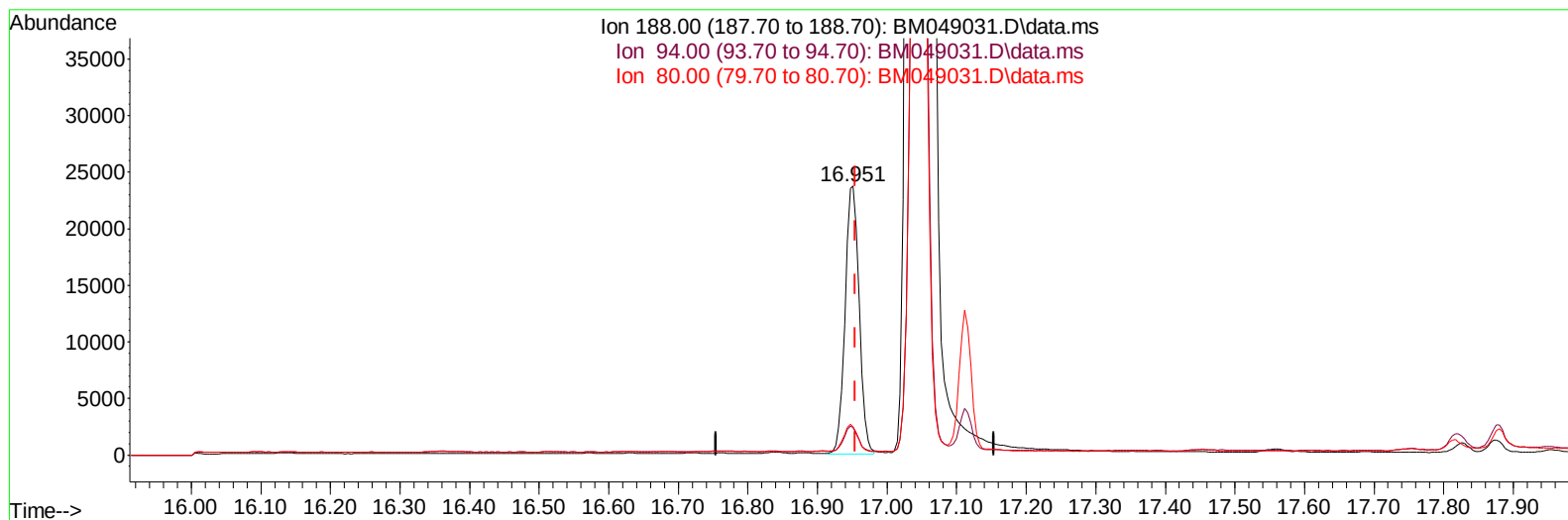
17.048min (+ 0.094) 0.40 ng/u1

response 1338611

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.10	9.83
80.00	13.90	8.97#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(13) Phenanthrene-d10 (I)

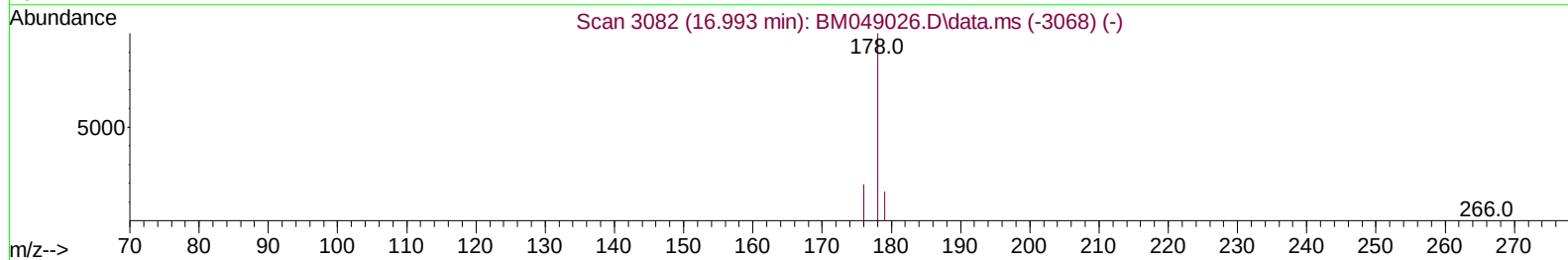
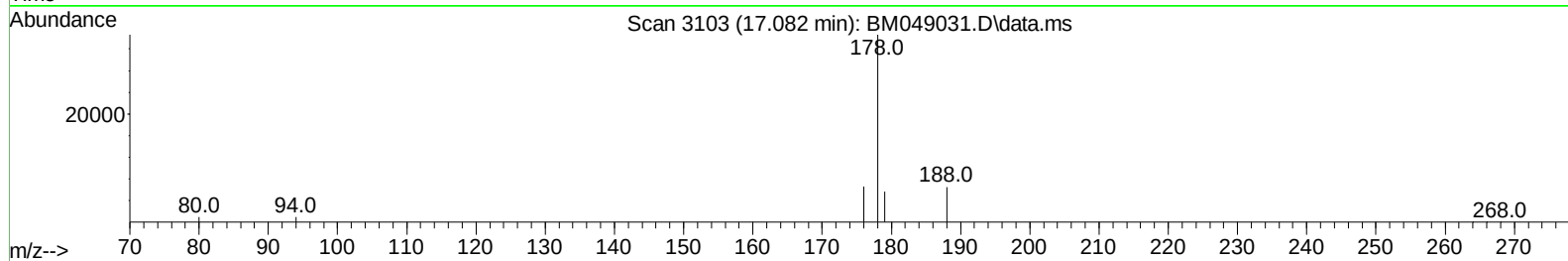
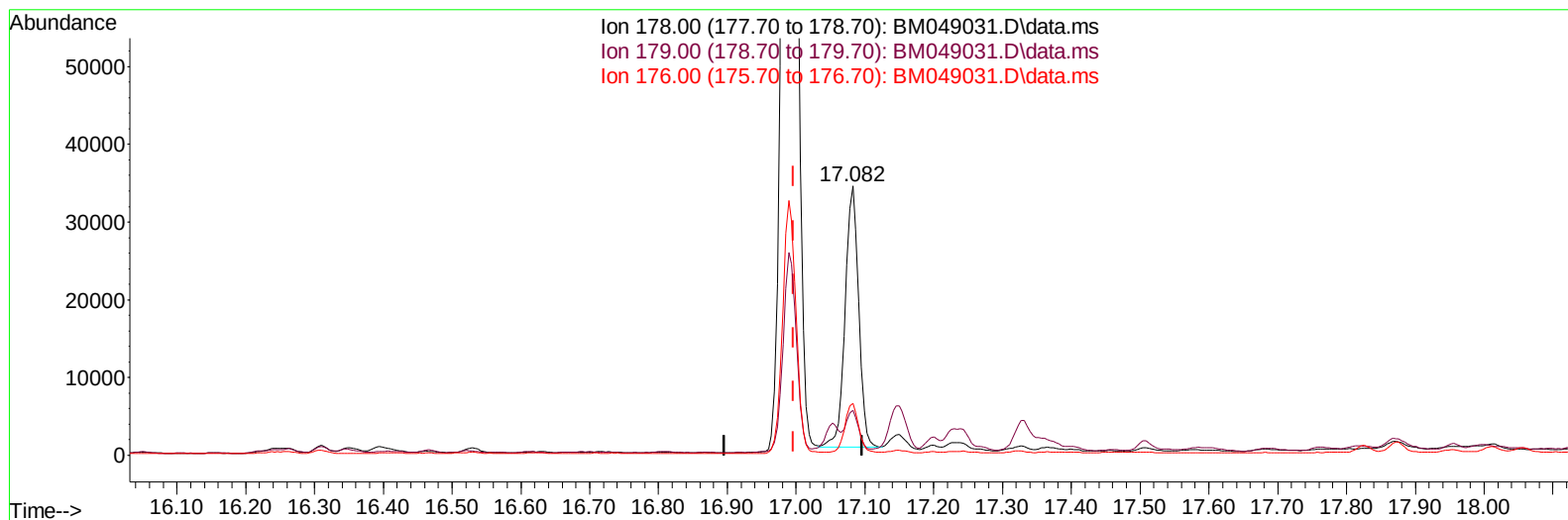
16.951min (-0.003) 0.40 ng/ul m

response 33397

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.10	10.26
80.00	13.90	10.48#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



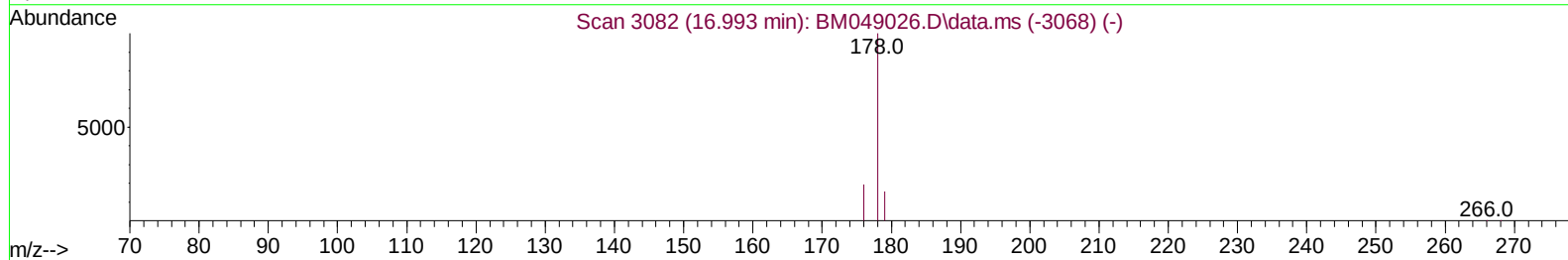
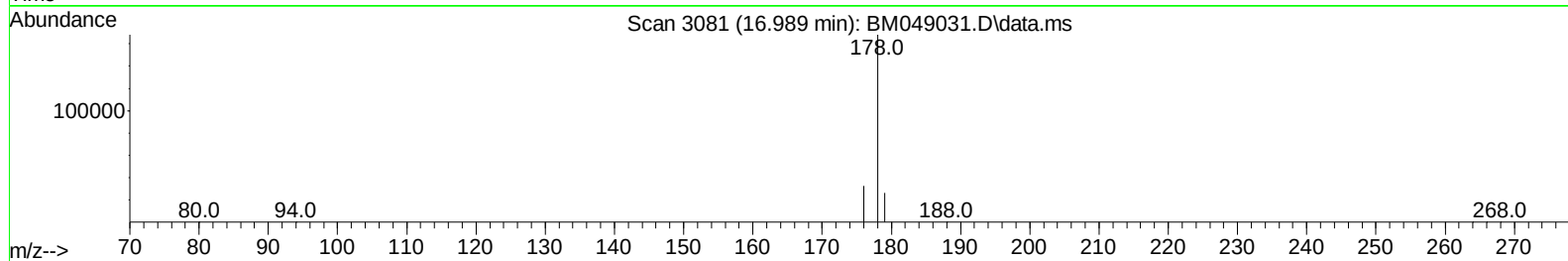
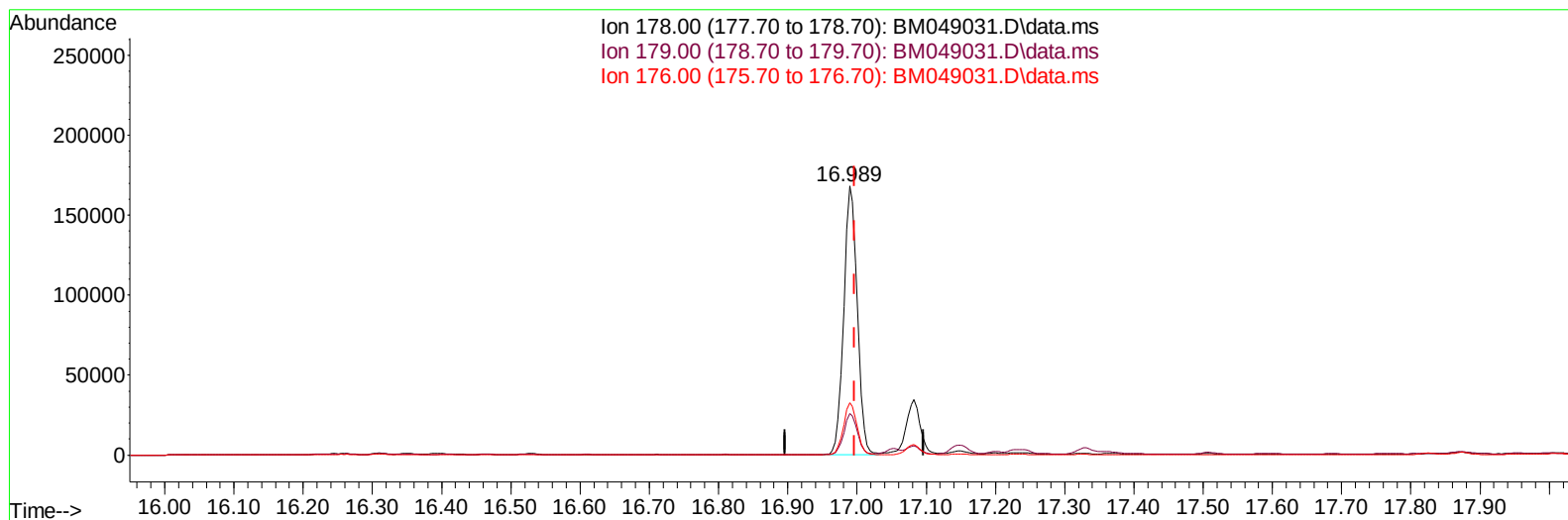
TIC: BM049031.D\data.ms

(15) Phenanthrene**17.082min (+ 0.086) 0.50 ng/u1****response 45749**

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.30	16.58
176.00	19.80	19.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



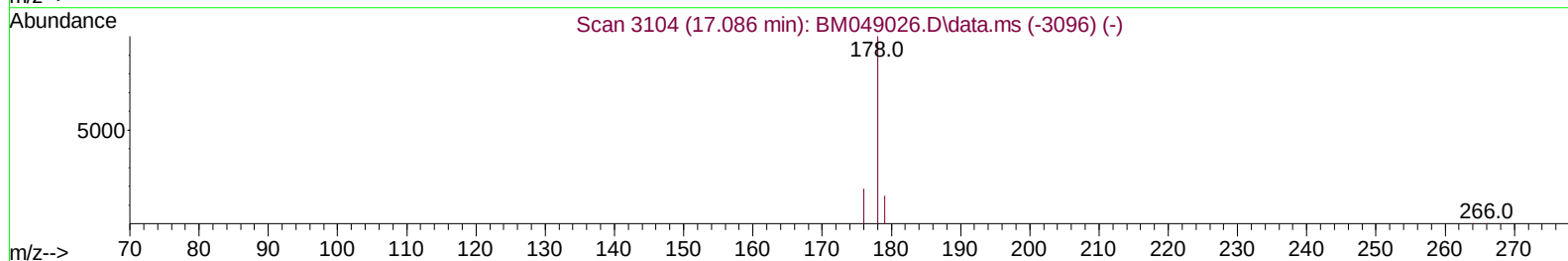
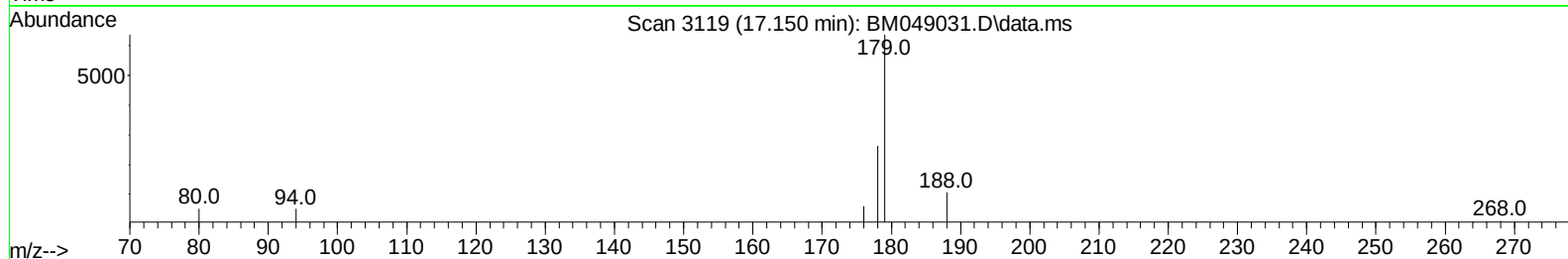
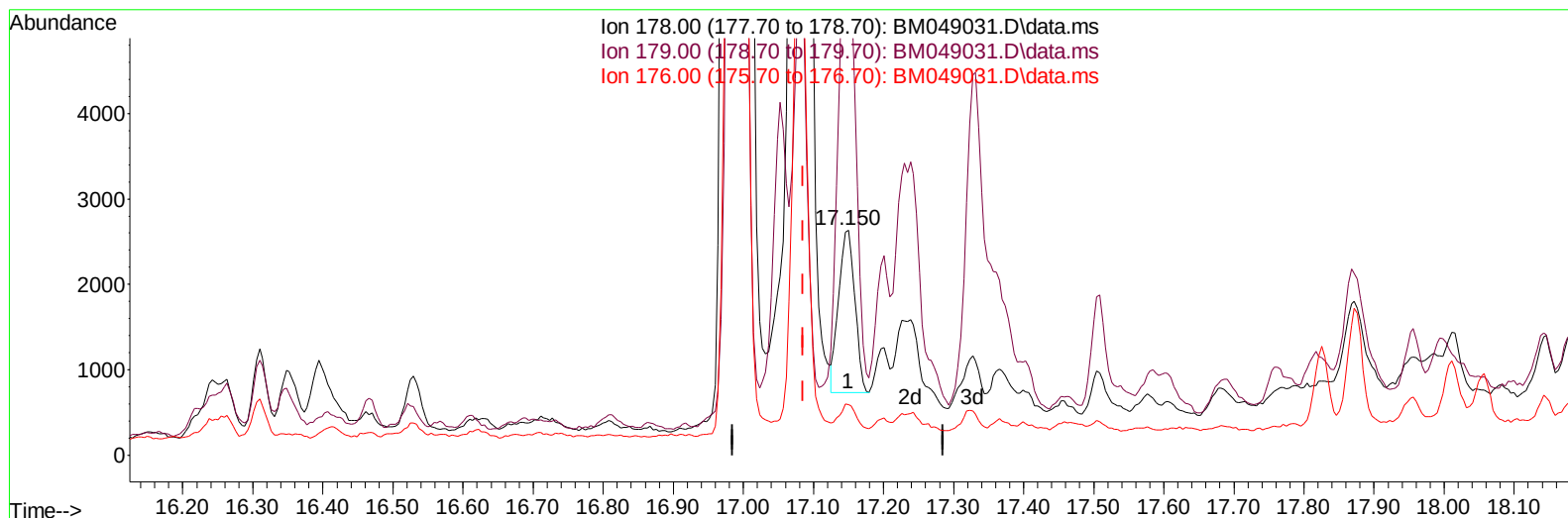
TIC: BM049031.D\data.ms

(15) Phenanthrene**16.989min (-0.007) 2.48 ng/ul m****response 227482**

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.30	15.54
176.00	19.80	19.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(16) Anthracene

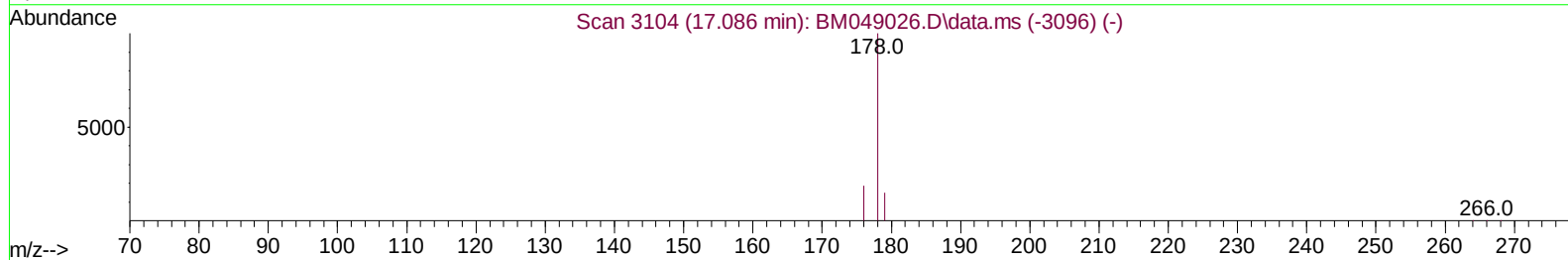
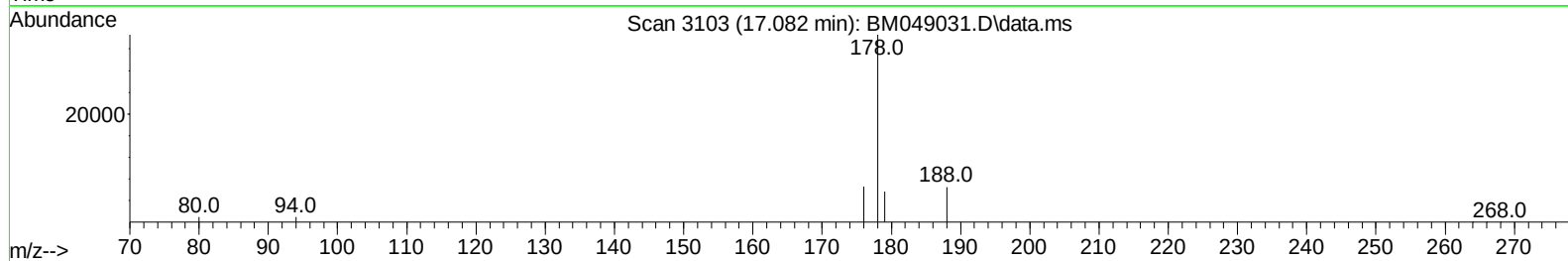
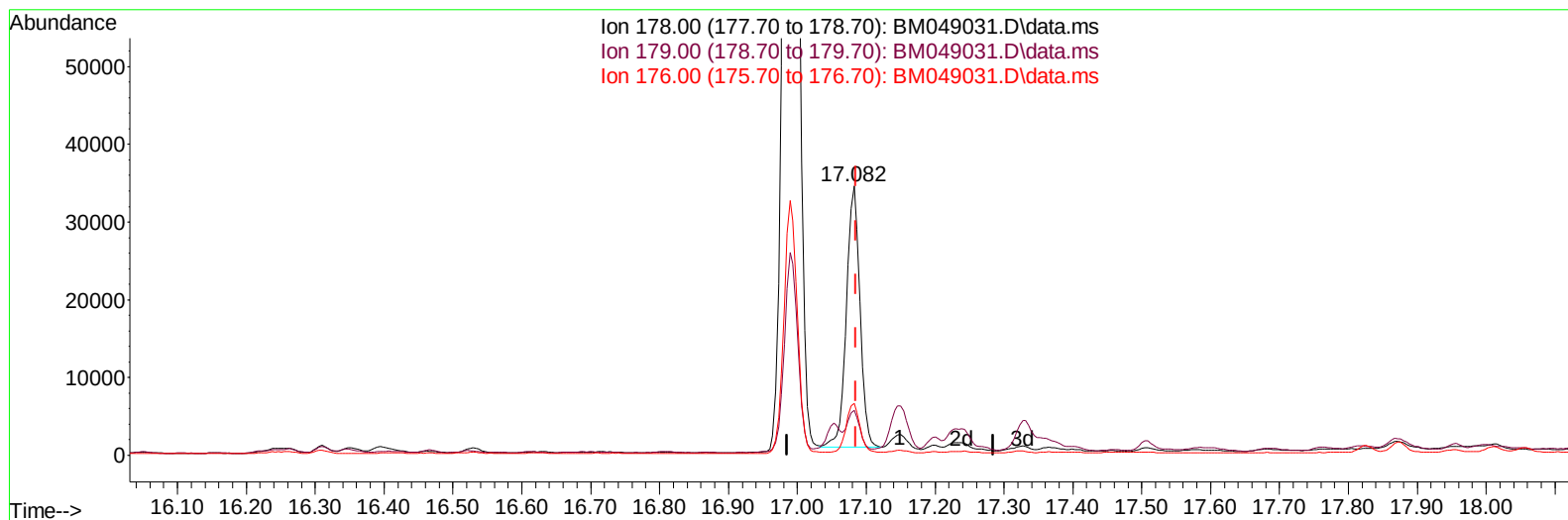
17.150min (+ 0.065) 0.04 ng/u1

response 3056

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	241.71#
176.00	18.80	22.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(16) Anthracene

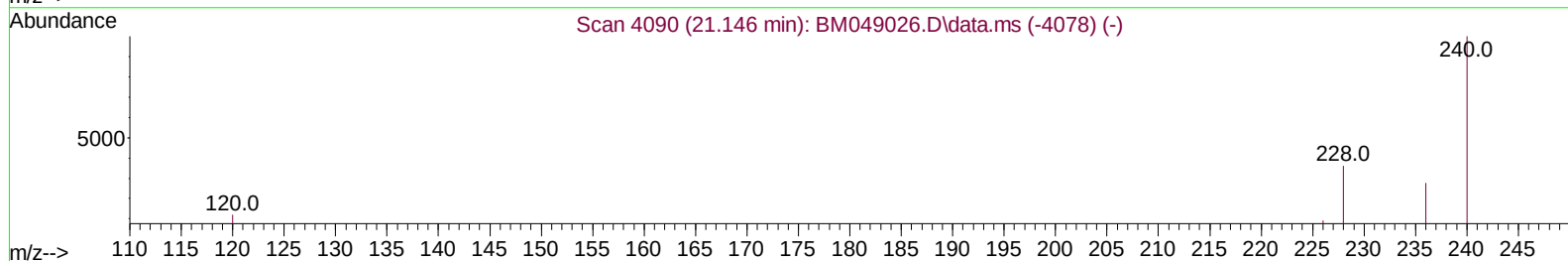
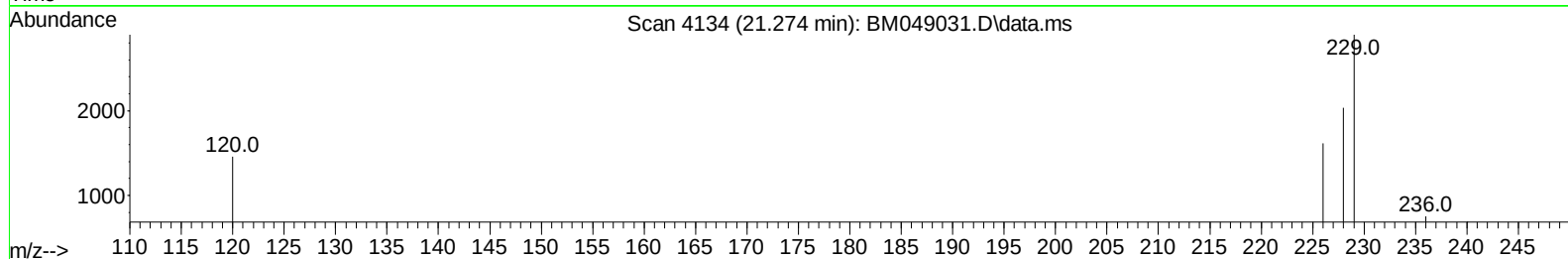
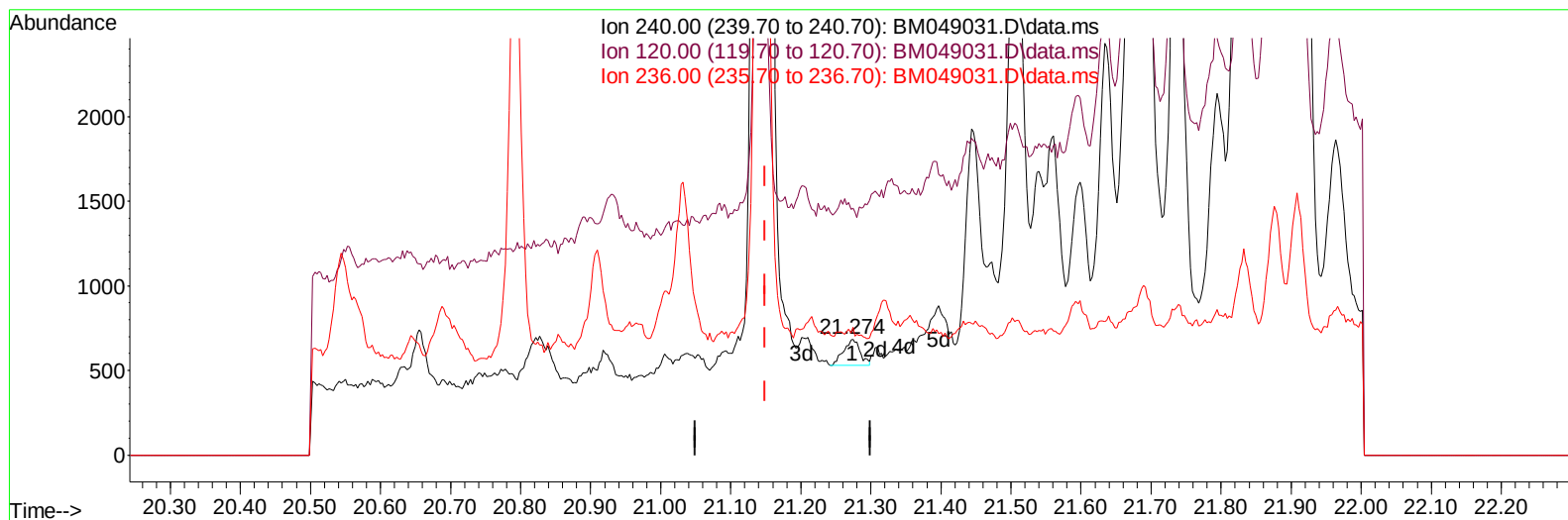
17.082min (-0.003) 0.56 ng/ul m

response 45770

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.58
176.00	18.80	19.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(17) Chrysene-d12

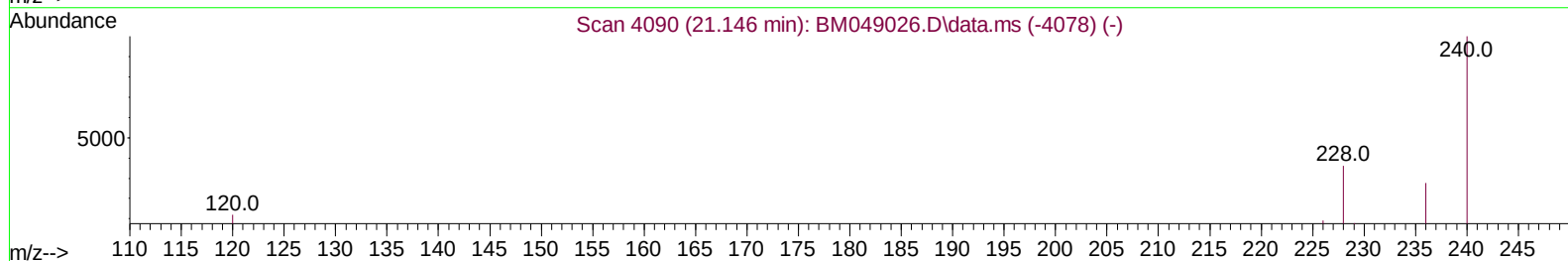
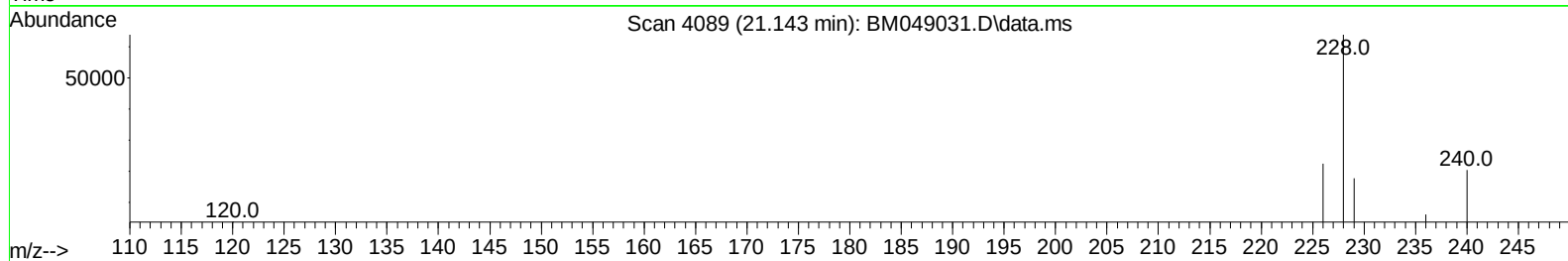
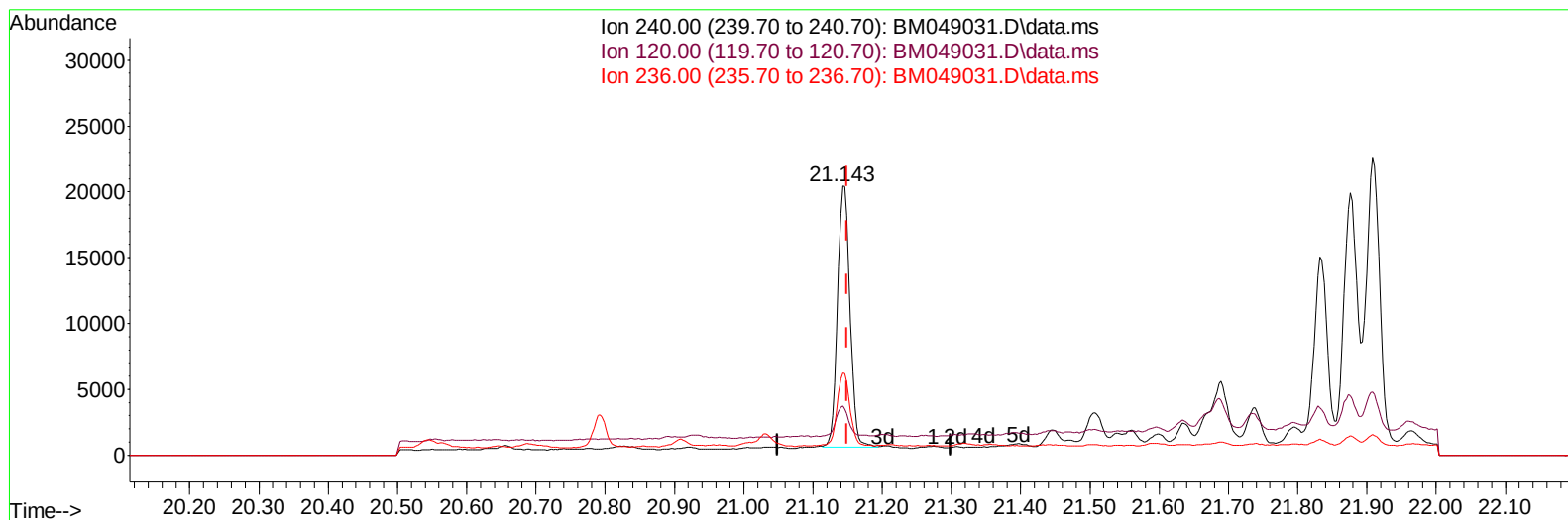
21.274min (+ 0.125) 0.40 ng/u1

response 255

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.30	212.85#
236.00	30.50	110.22#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(17) Chrysene-d12

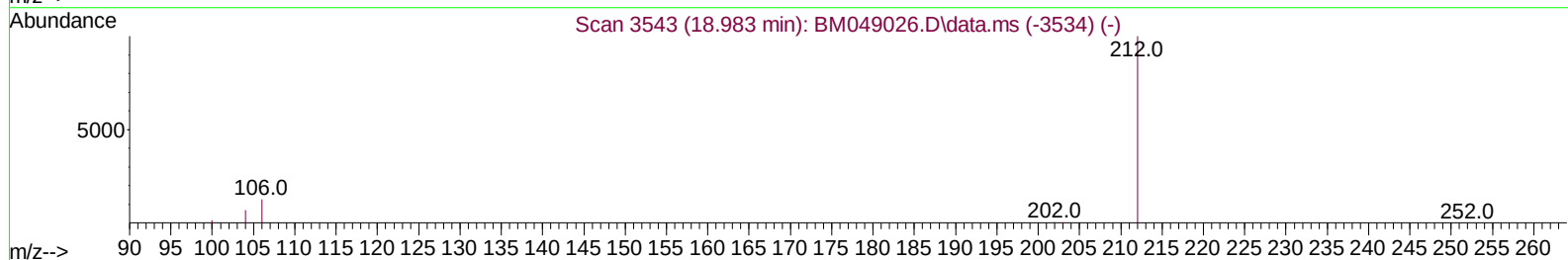
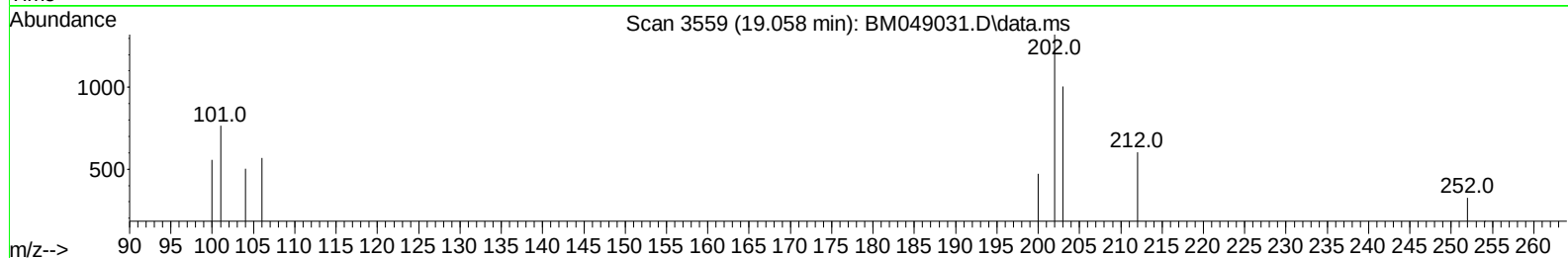
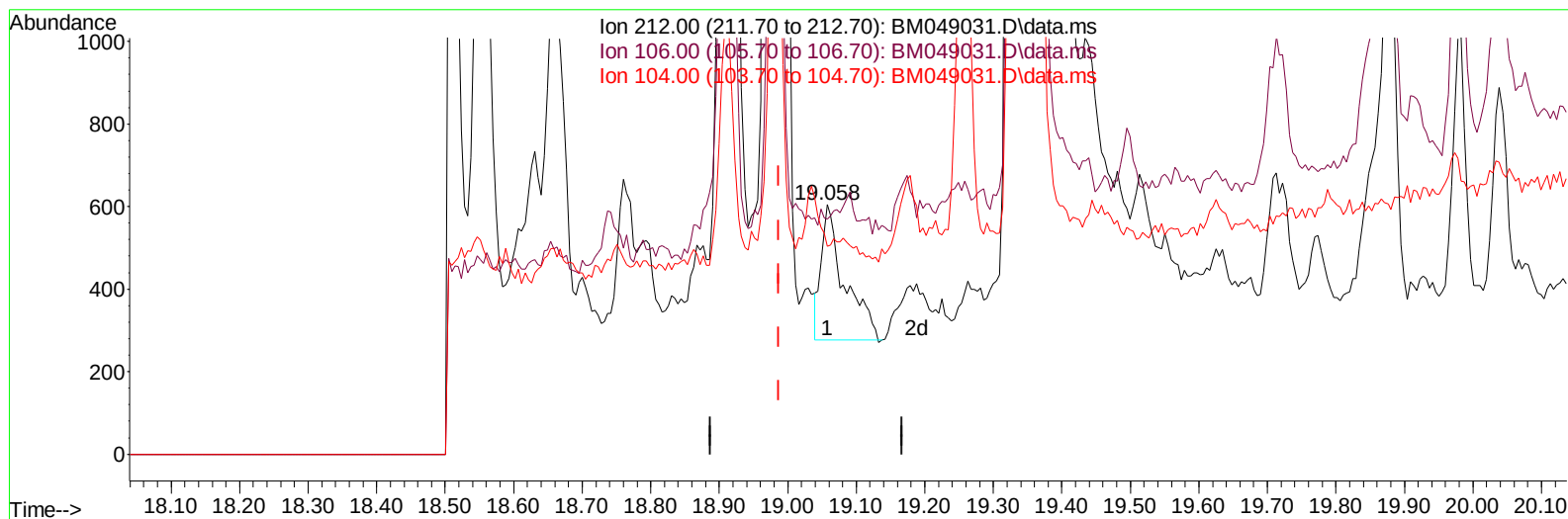
21.143min (-0.006) 0.40 ng/ul m

response 24902

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.30	18.34
236.00	30.50	30.56
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(18) Fluoranthene-d10 (SURR)

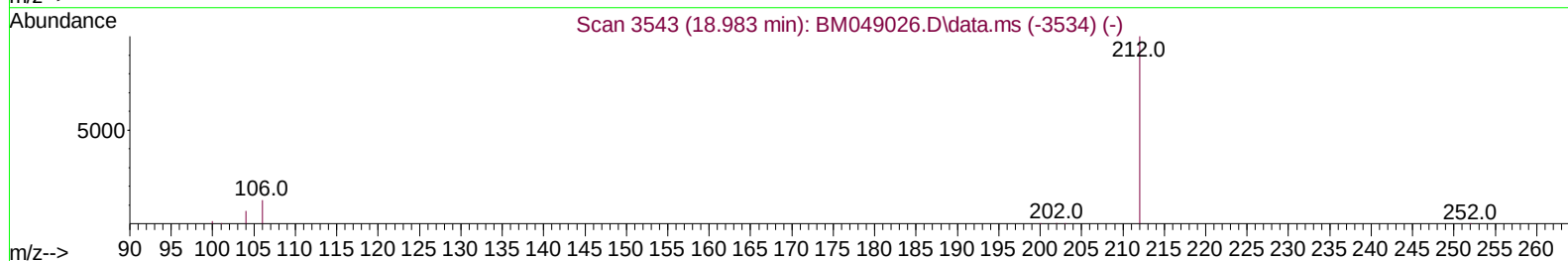
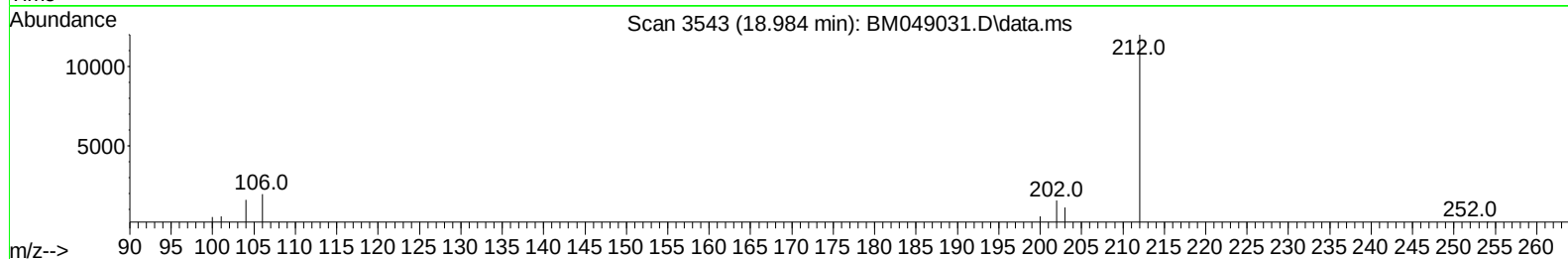
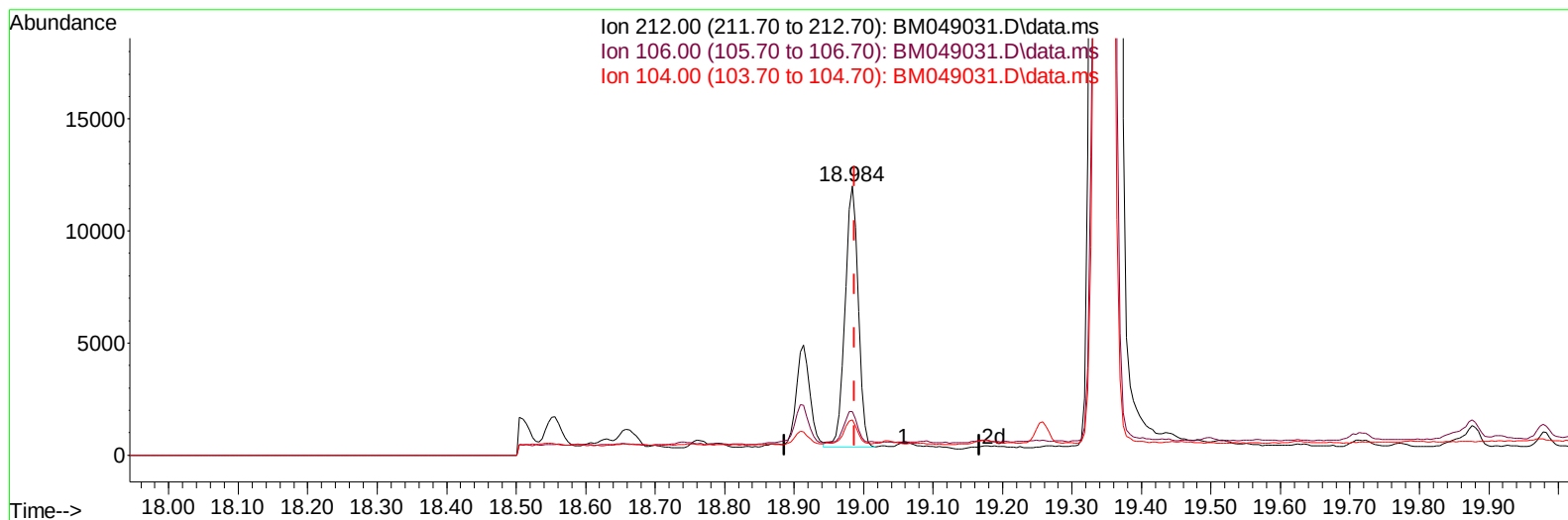
19.058min (+ 0.071) 0.01 ng/u1

response 768

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.90	2.99#
104.00	8.70	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(18) Fluoranthene-d10 (SURR)

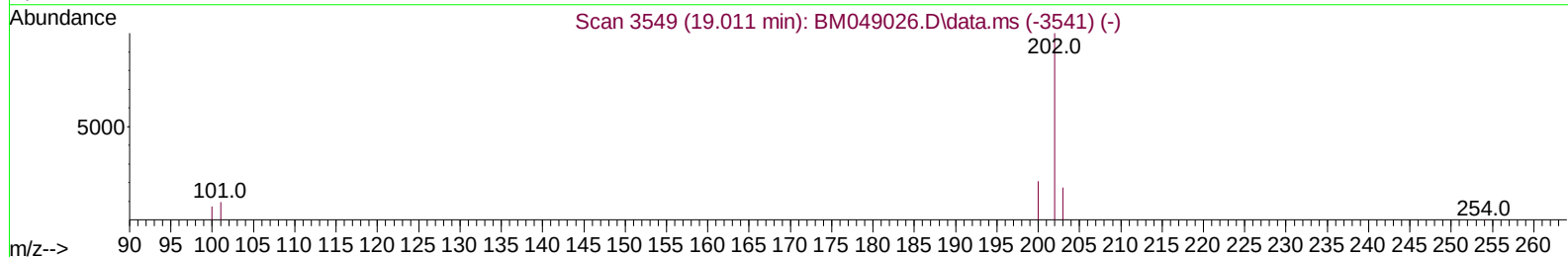
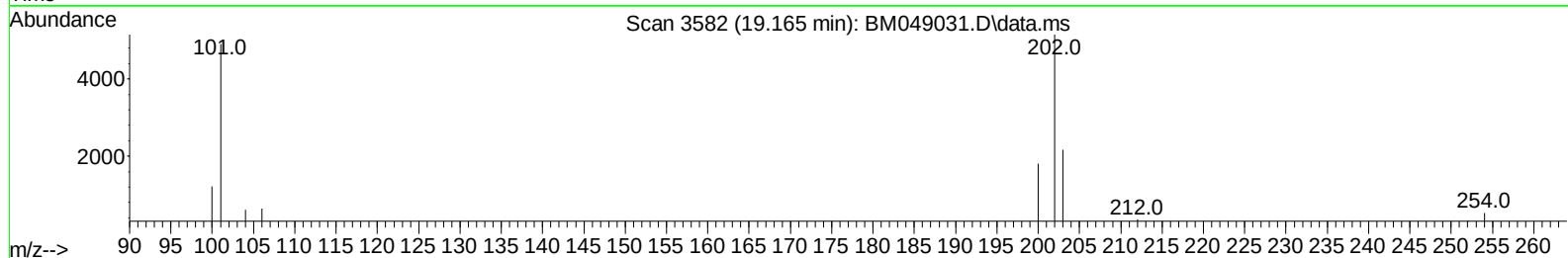
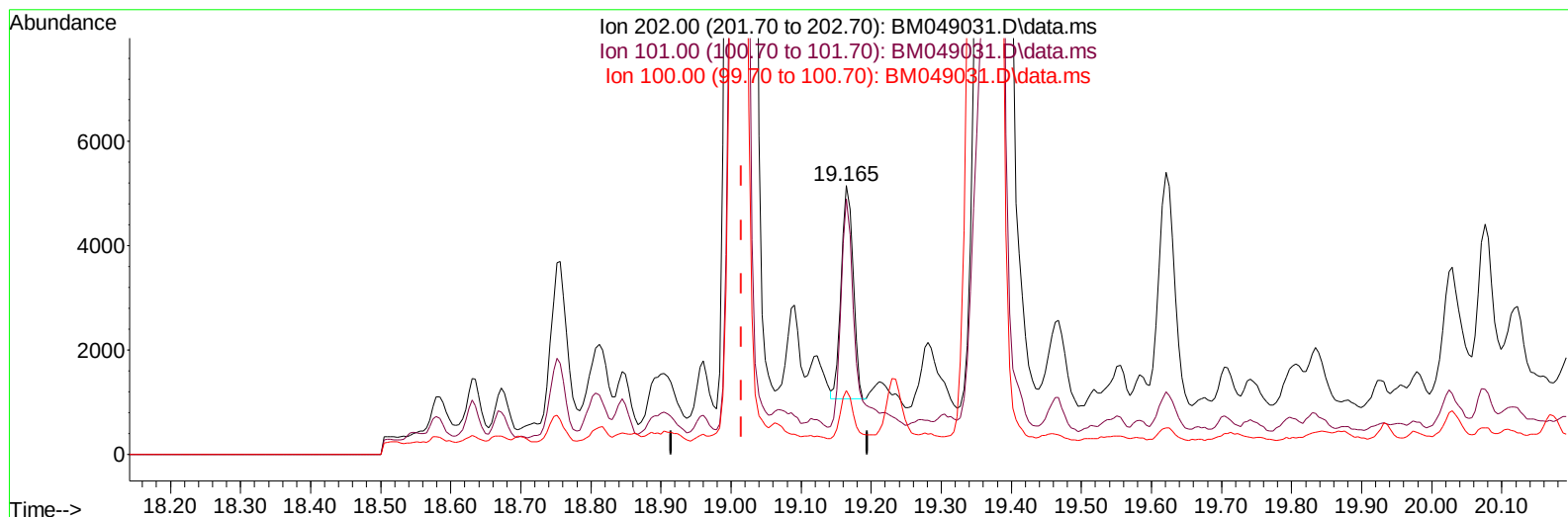
18.984min (-0.003) 0.21 ng/ul m

response 15444

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.90	0.15#
104.00	8.70	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(19) Fluoranthene (C)

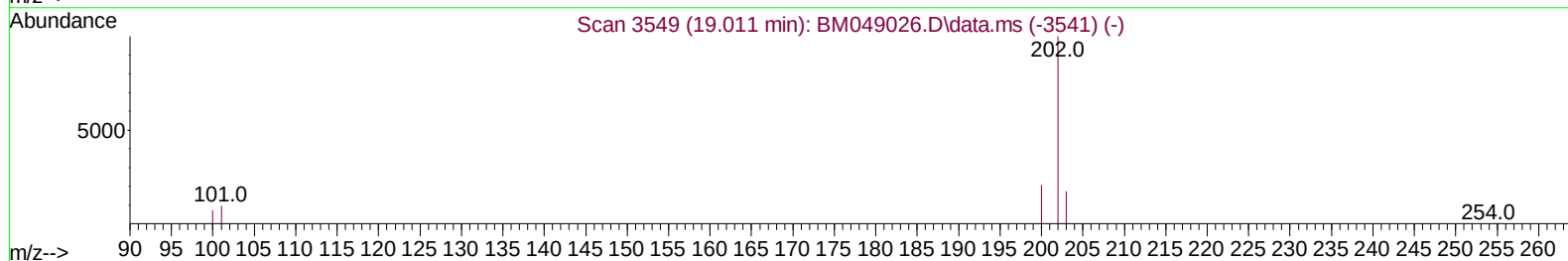
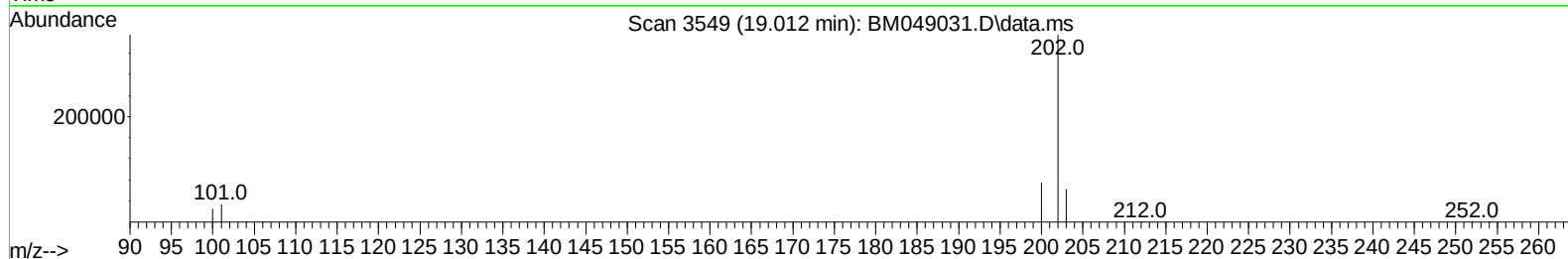
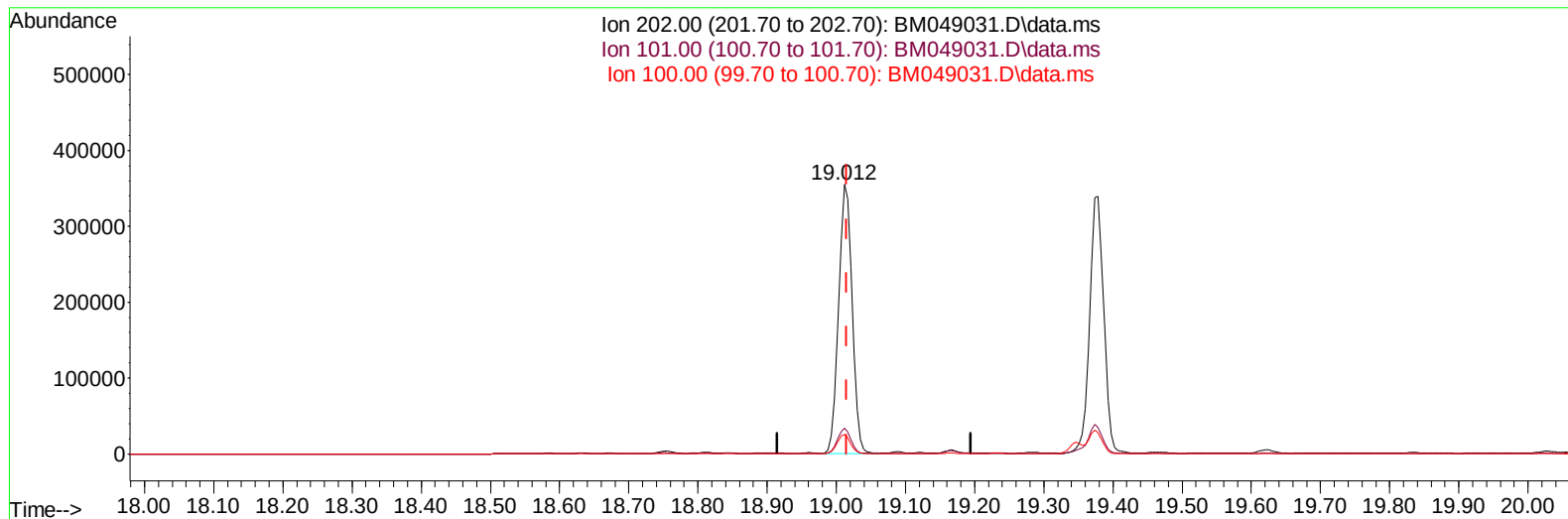
19.165min (+ 0.150) 0.05 ng/u1

response 4808

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.10	95.20#
100.00	9.10	23.77#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(19) Fluoranthene (C)

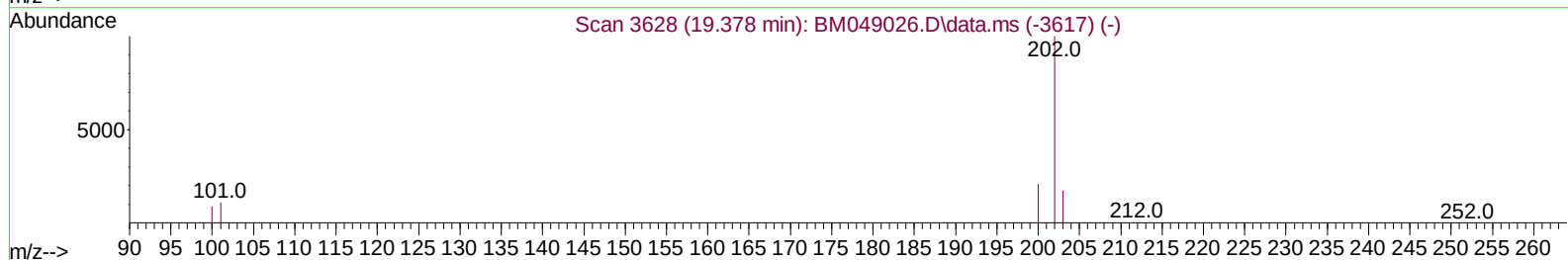
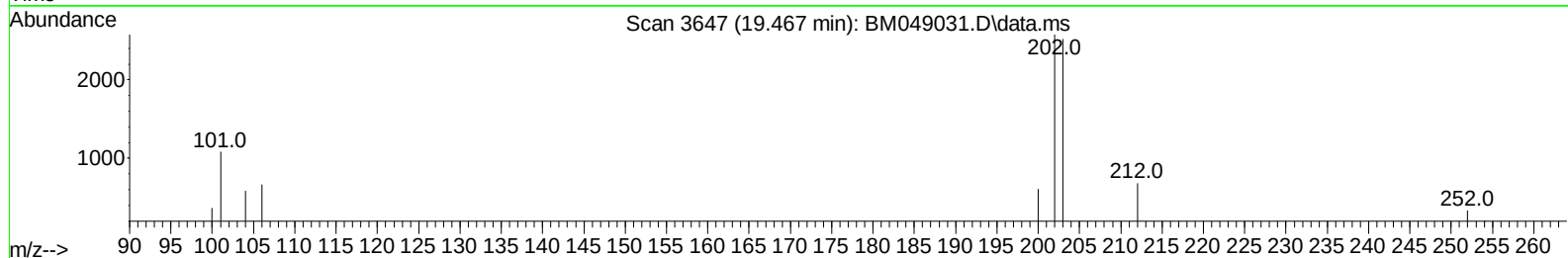
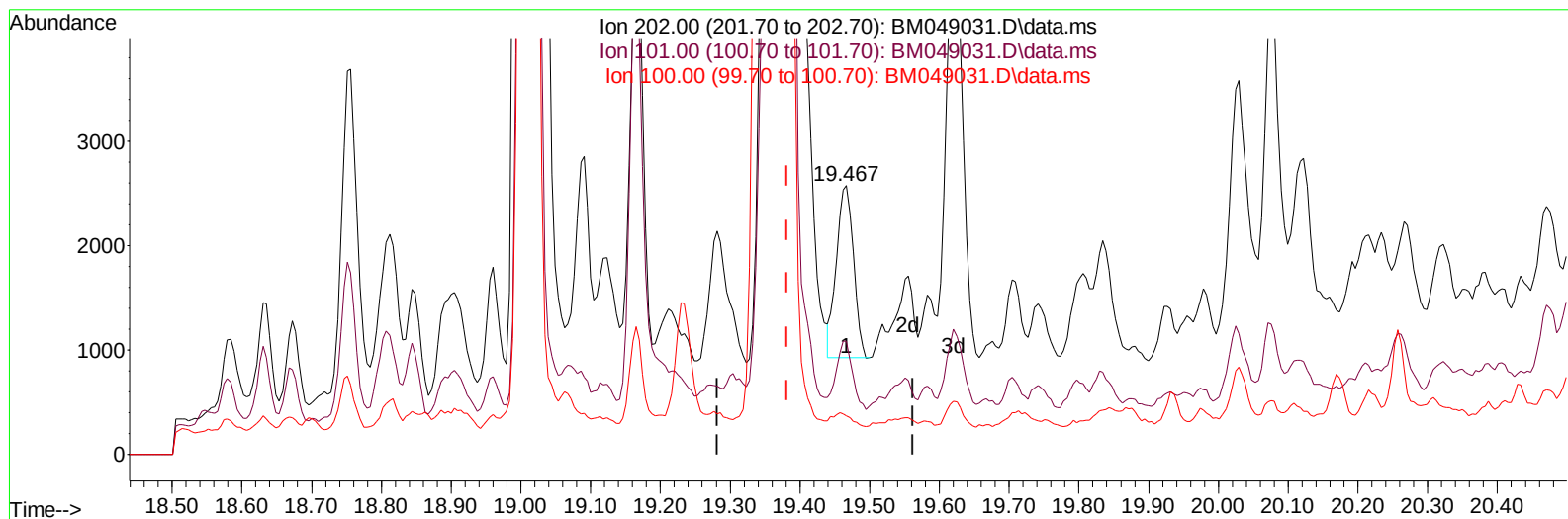
19.012min (-0.003) 4.59 ng/ul m

response 473614

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.10	9.56#
100.00	9.10	7.20#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



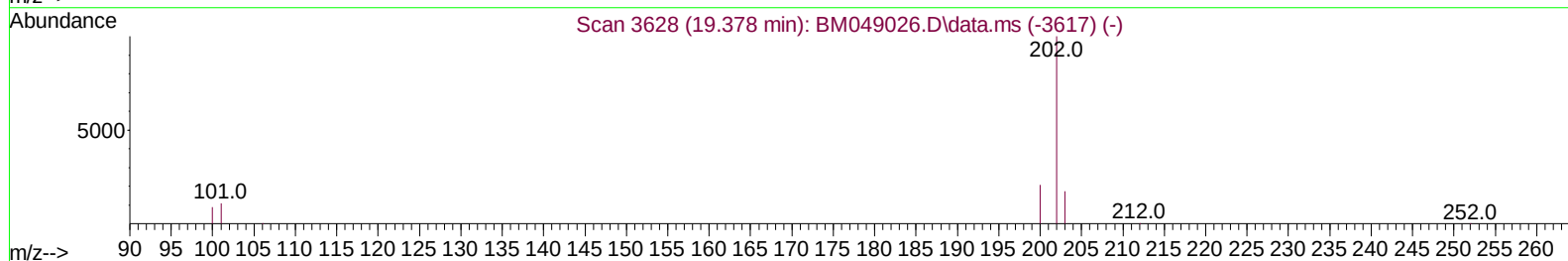
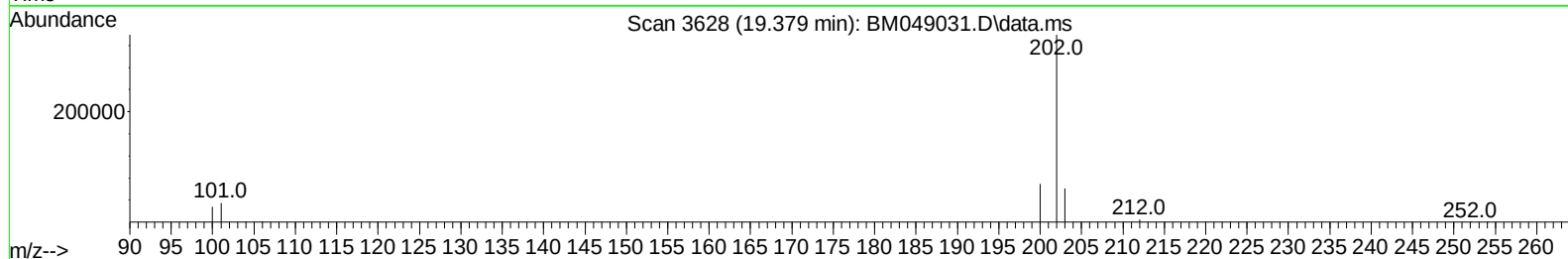
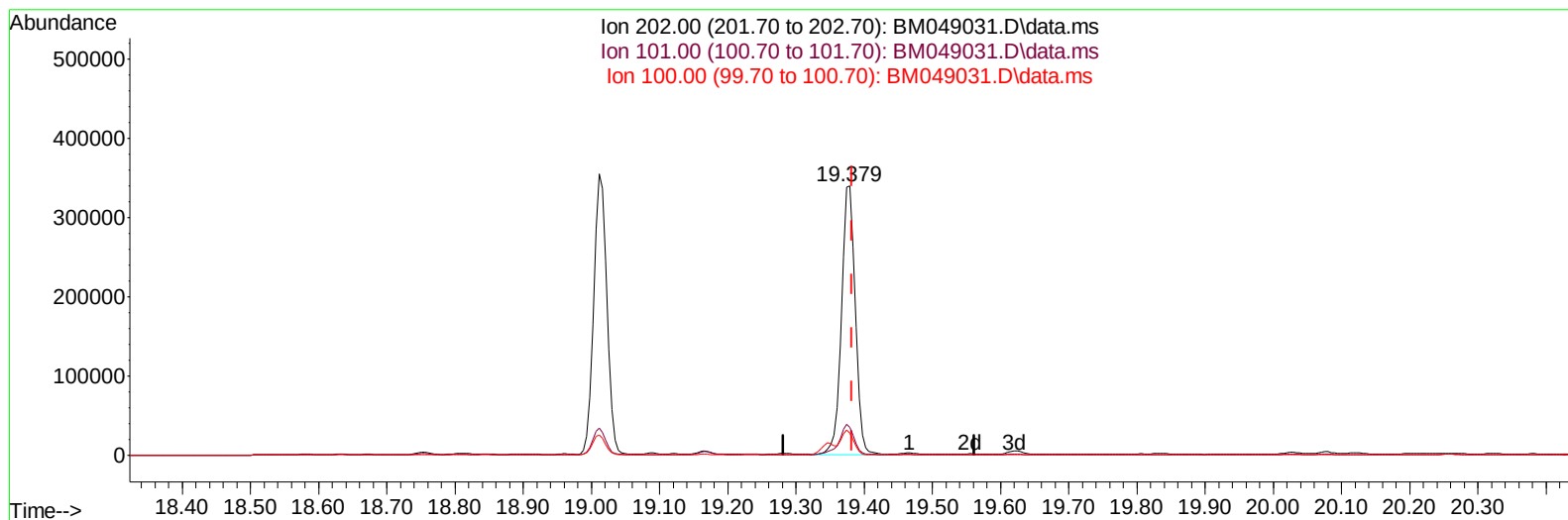
TIC: BM049031.D\data.ms

(20) Pyrene**19.467min (+ 0.085) 0.03 ng/ul****response 2791**

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	42.10#
100.00	10.50	14.33#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(20) Pyrene

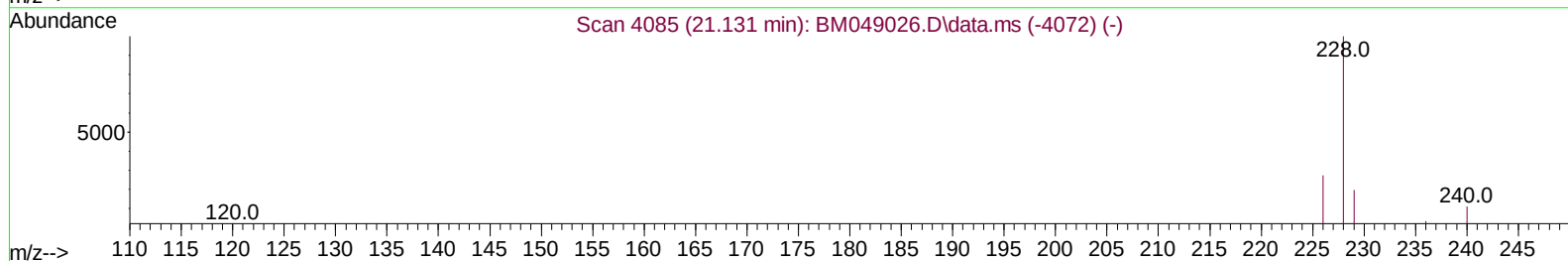
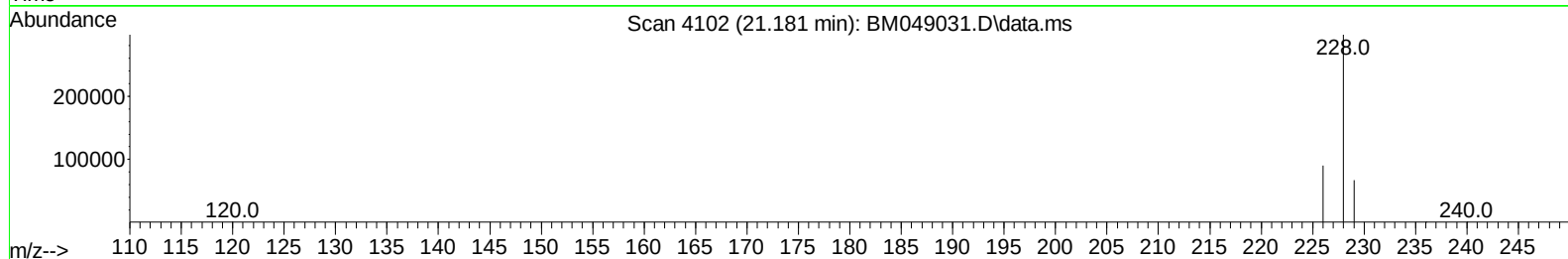
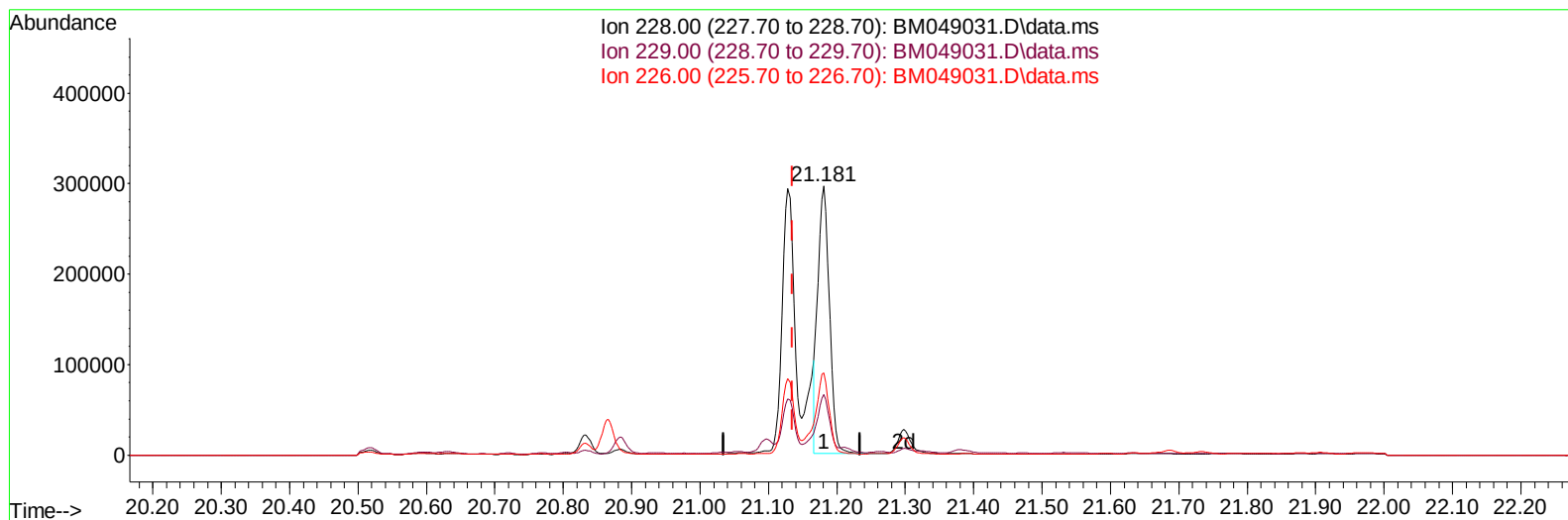
19.379min (-0.003) 4.28 ng/ul m

response 475881

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	10.25#
100.00	10.50	8.19#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(21) Benzo(a)anthracene

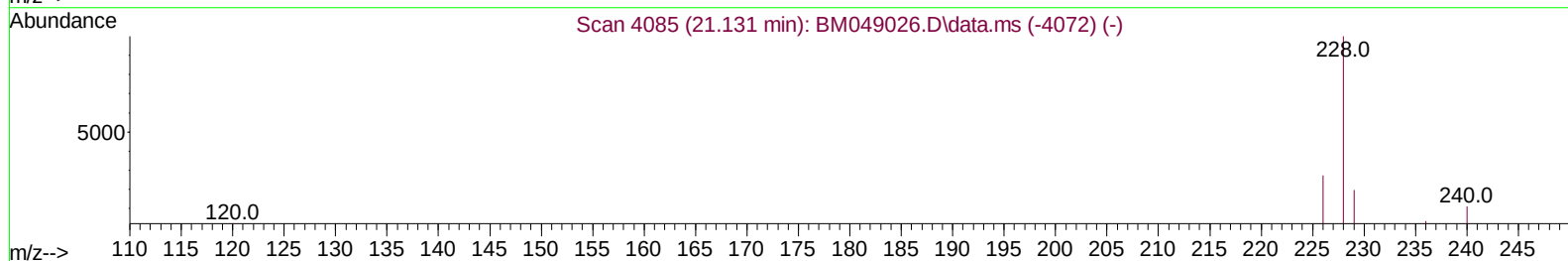
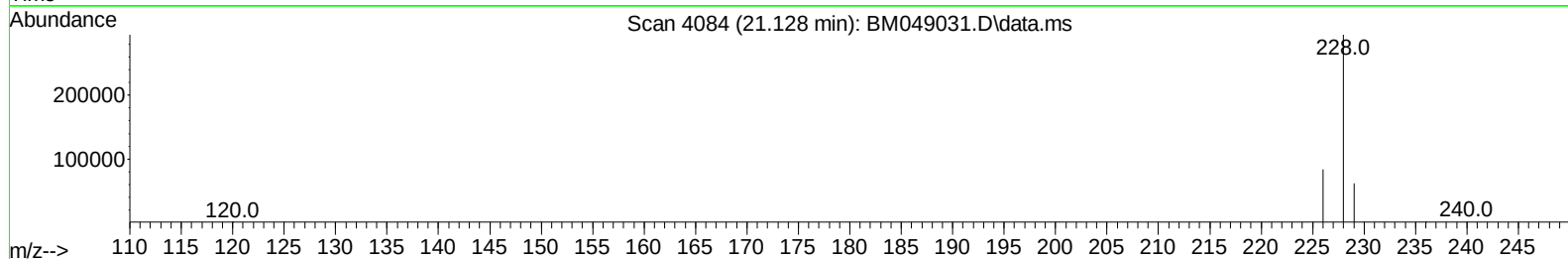
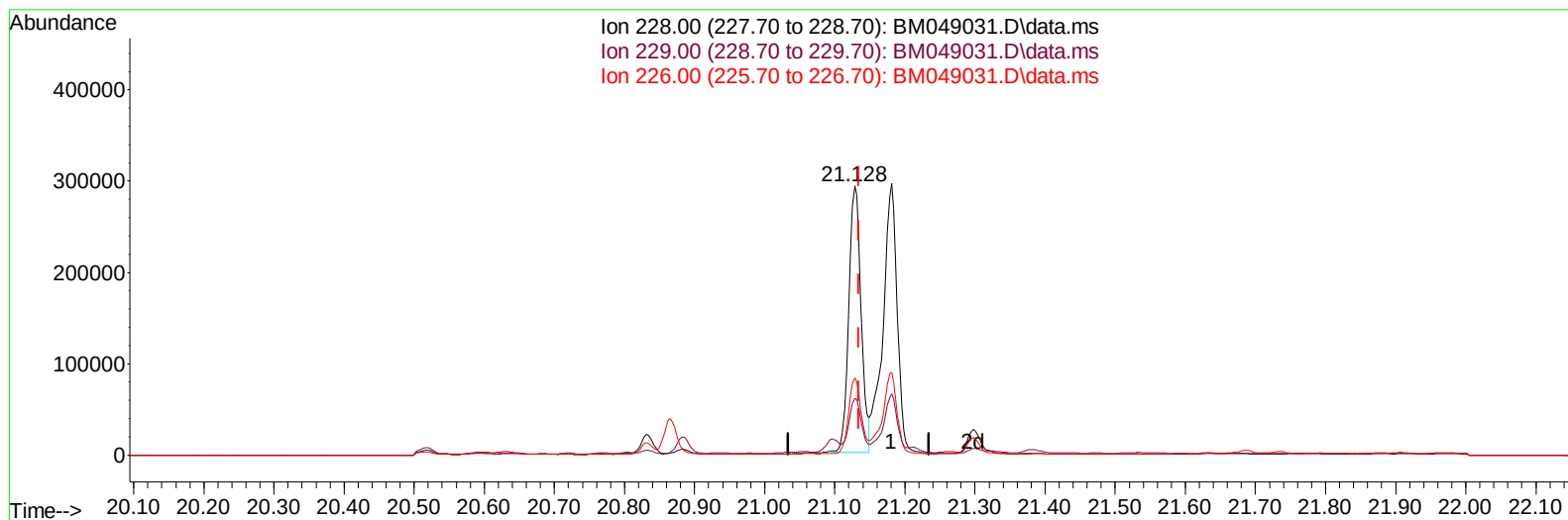
21.181min (+ 0.046) 3.97 ng/u1

response 347527

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.63
226.00	28.70	30.45
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(21) Benzo(a)anthracene

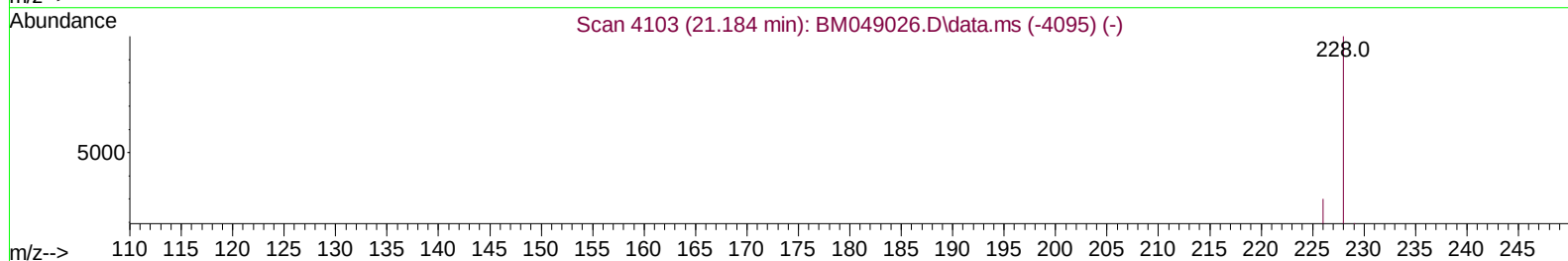
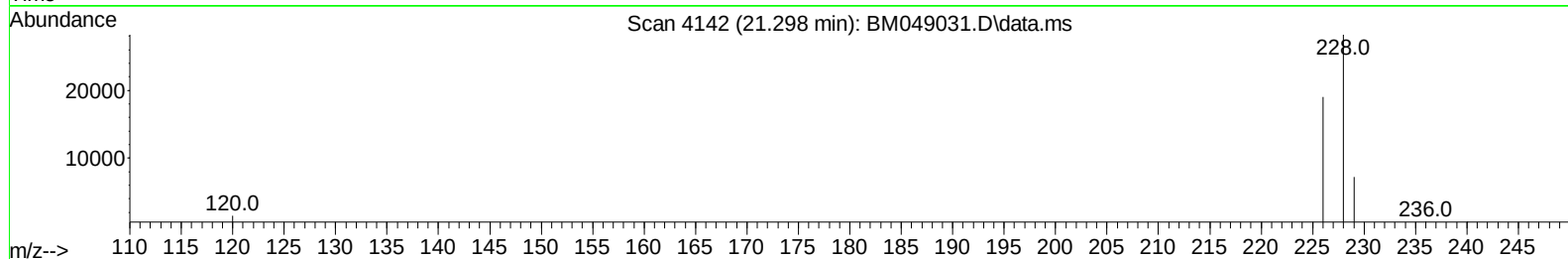
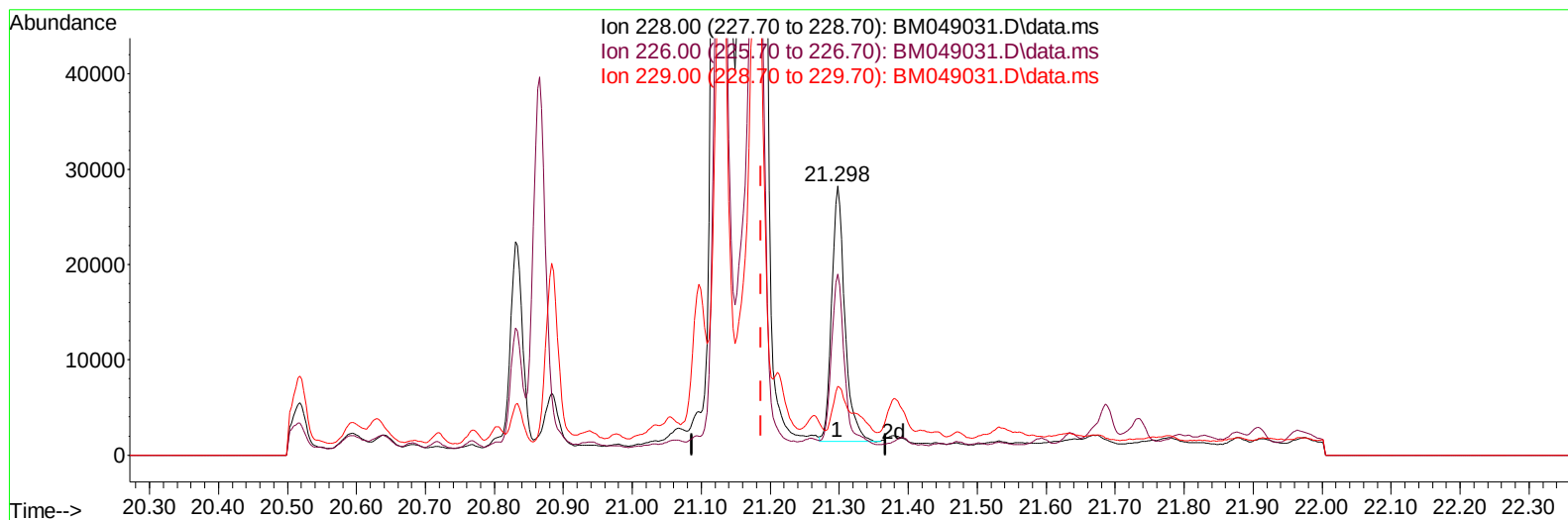
21.128min (-0.006) 4.04 ng/ul m

response 353833

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.09
226.00	28.70	28.63
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(22) Chrysene

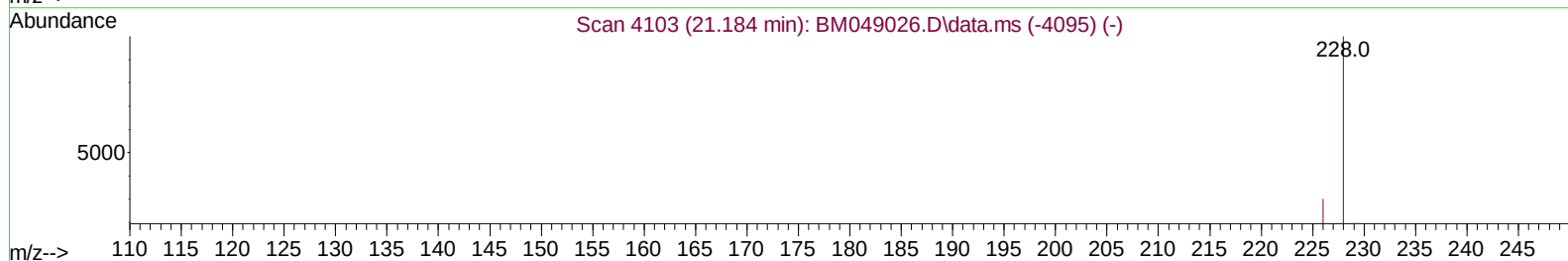
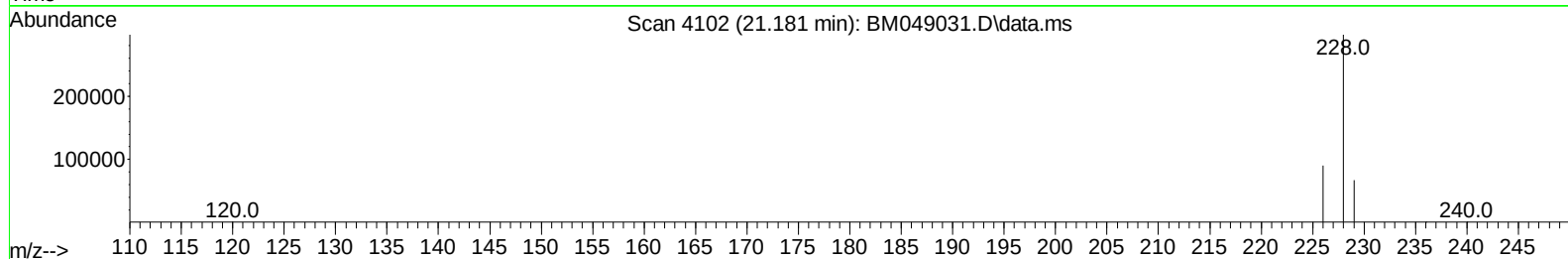
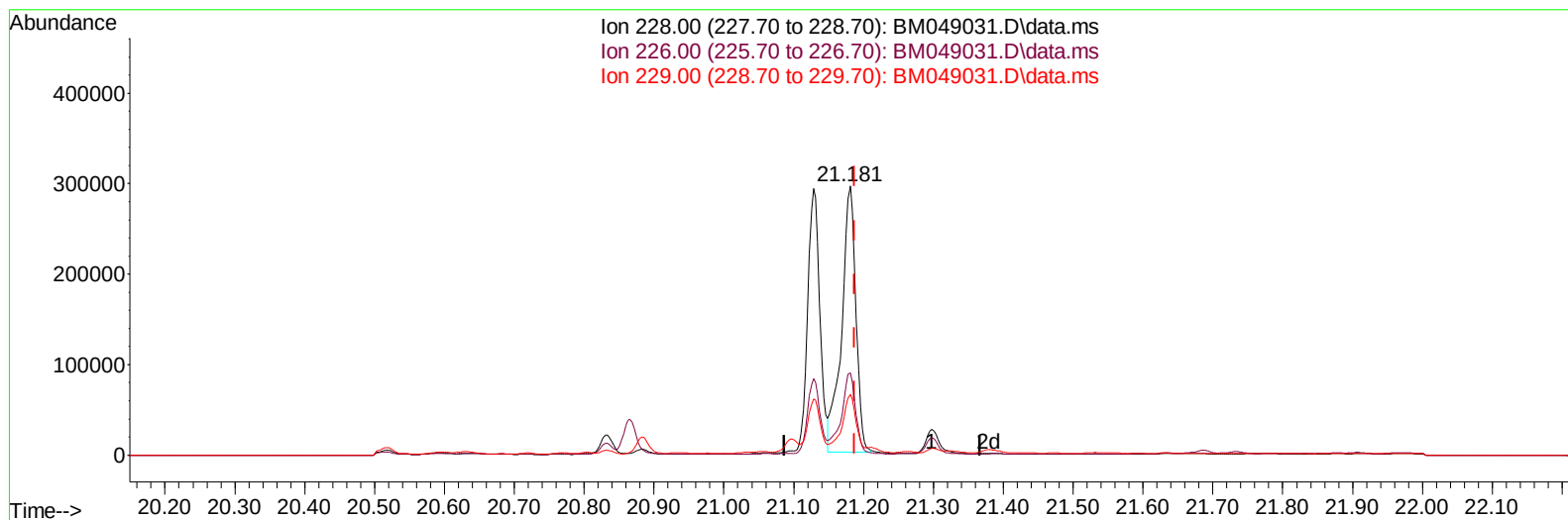
21.298min (+ 0.111) 0.36 ng/u1

response 35614

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.00	67.35#
229.00	20.00	25.67#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(22) Chrysene

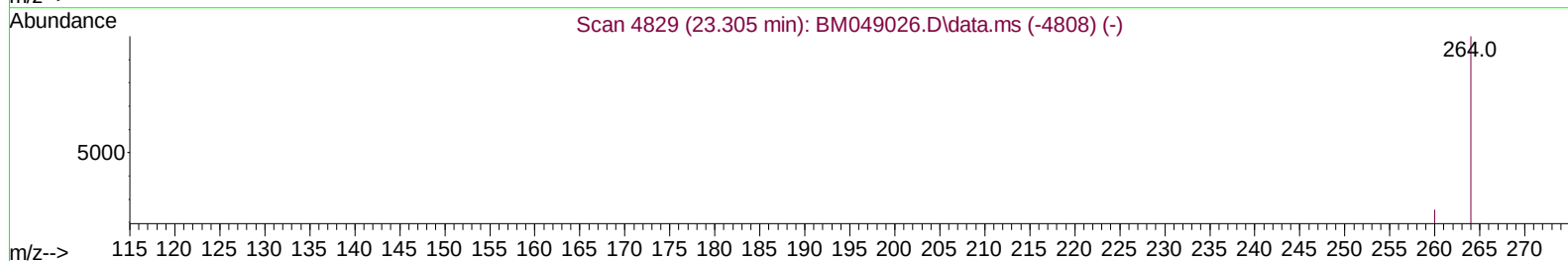
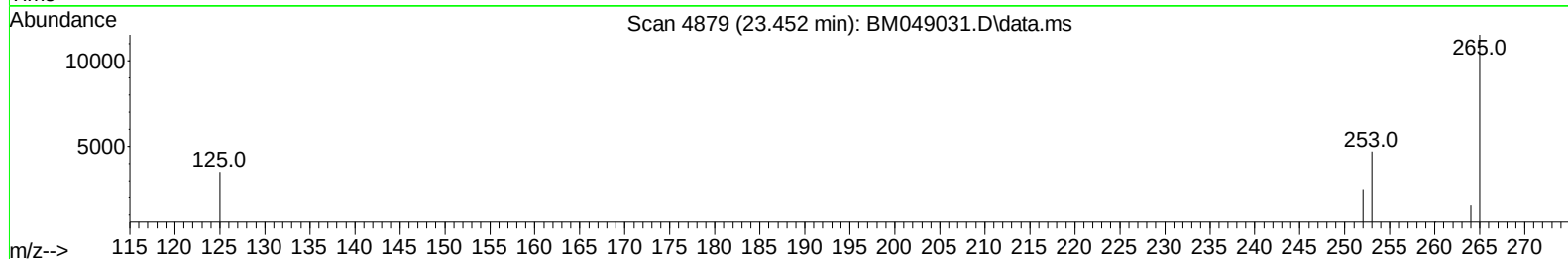
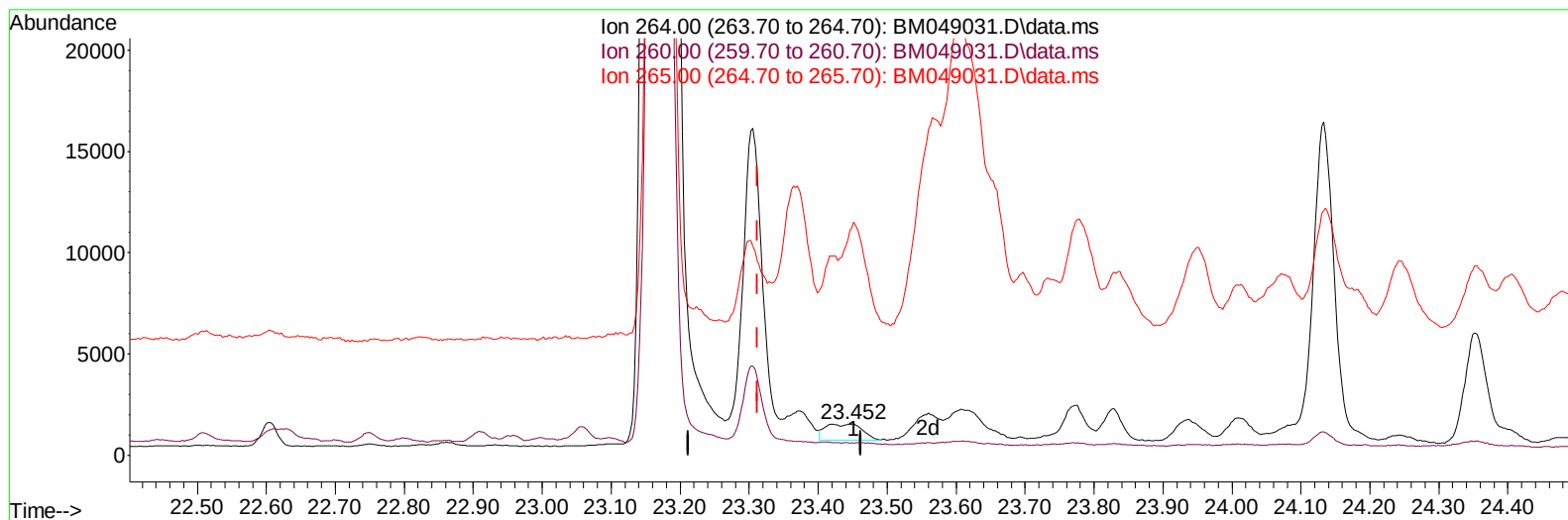
21.181min (-0.006) 4.17 ng/ul m

response 413632

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.00	30.45
229.00	20.00	22.63
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(23) Perylene-d12 (I)

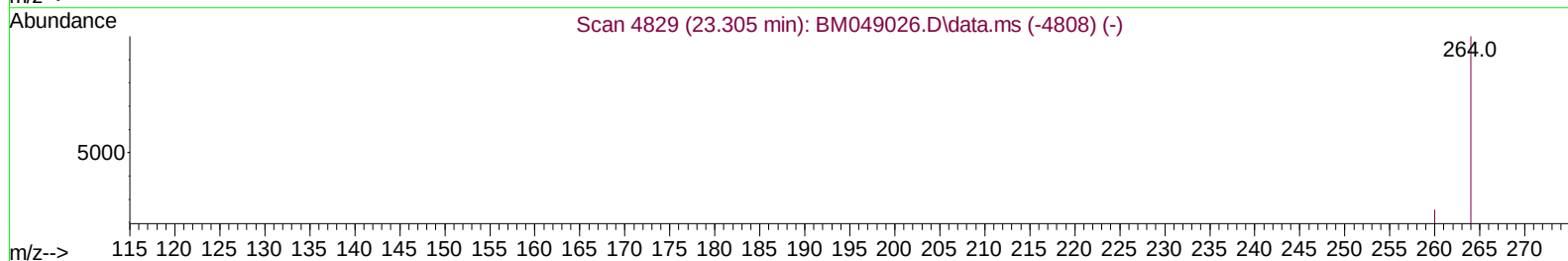
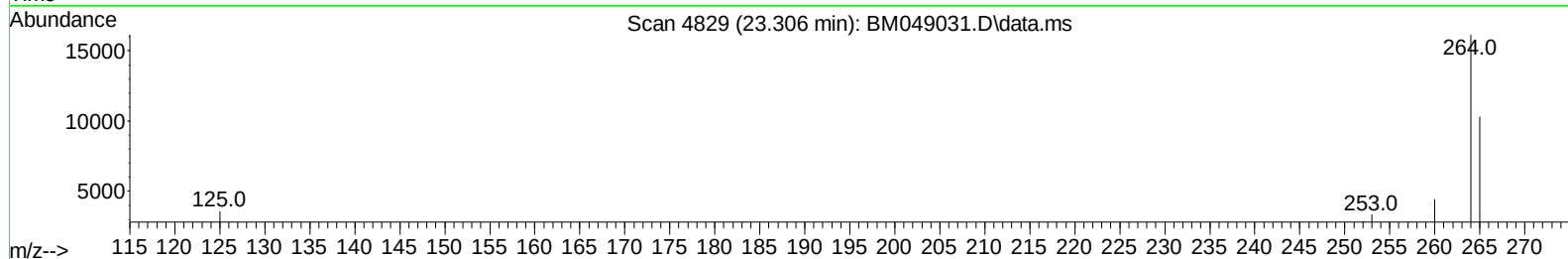
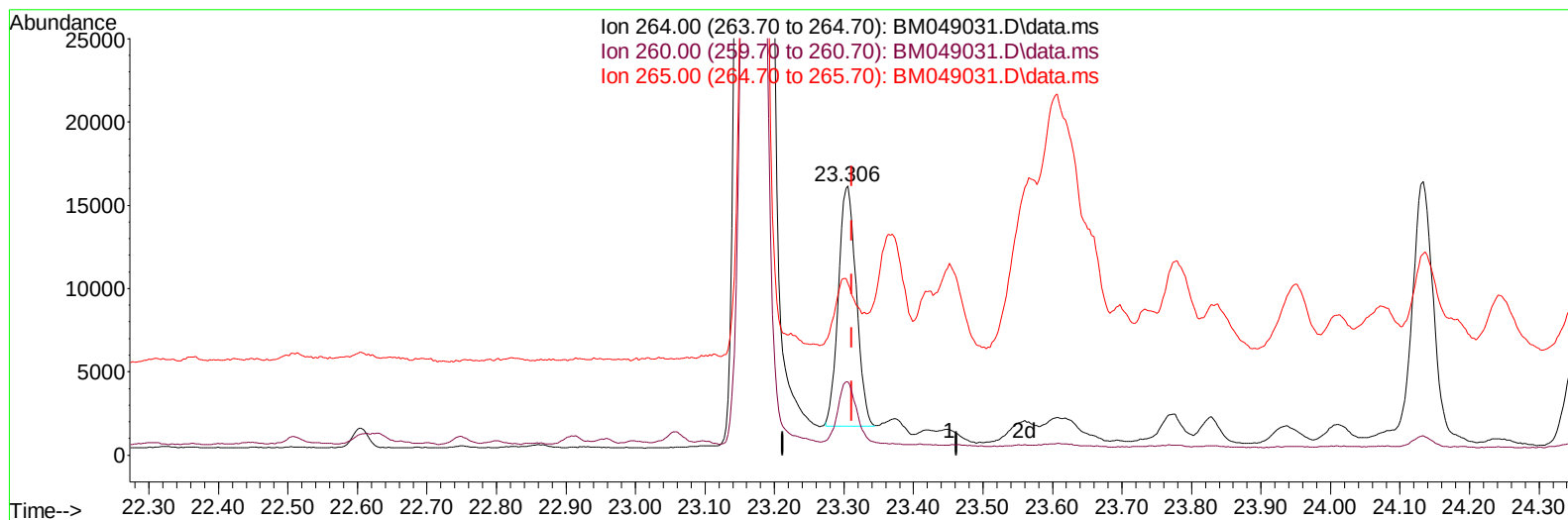
23.452min (+ 0.140) 0.40 ng/ul

response 2969

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.50	38.40#
265.00	82.60	742.33#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(23) Perylene-d12 (I)

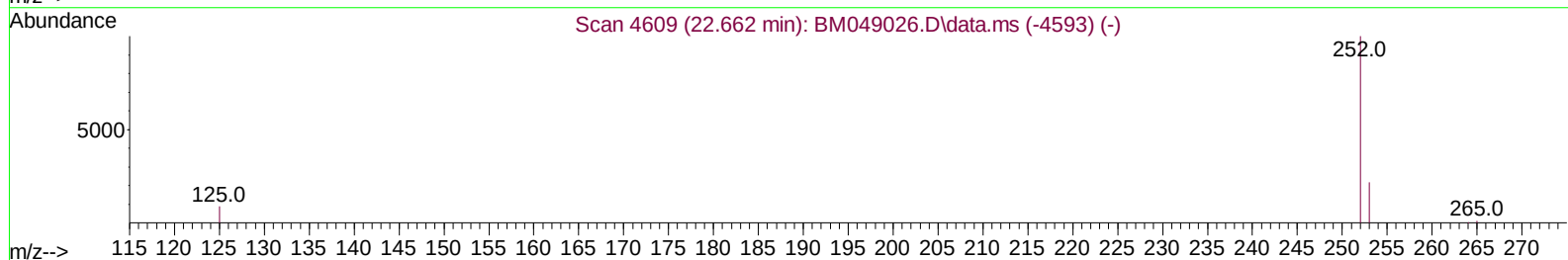
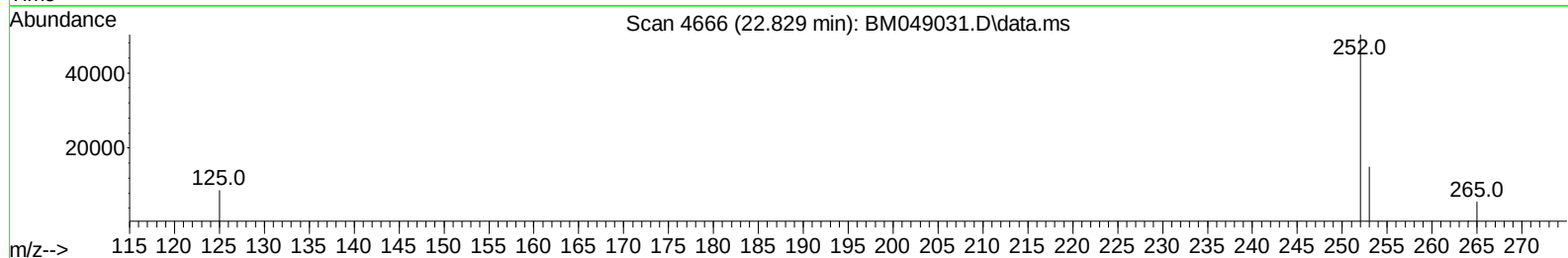
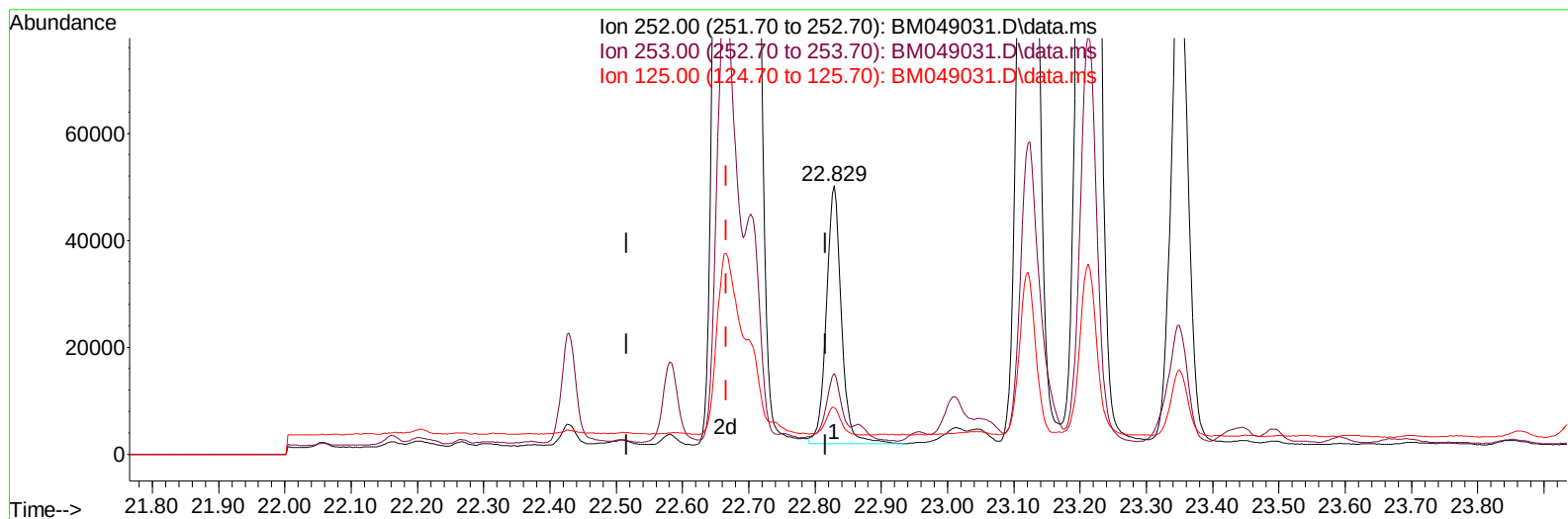
23.306min (-0.006) 0.40 ng/ul m

response 25743

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.50	27.34
265.00	82.60	63.88#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(24) Benzo(b)fluoranthene

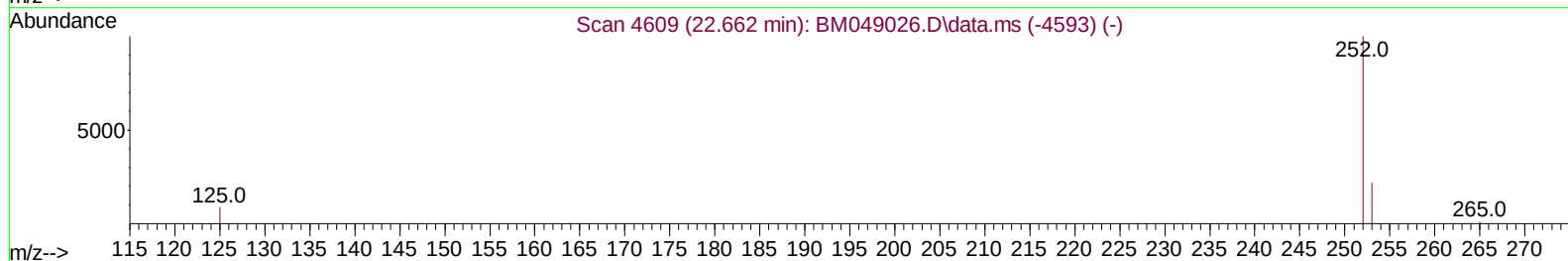
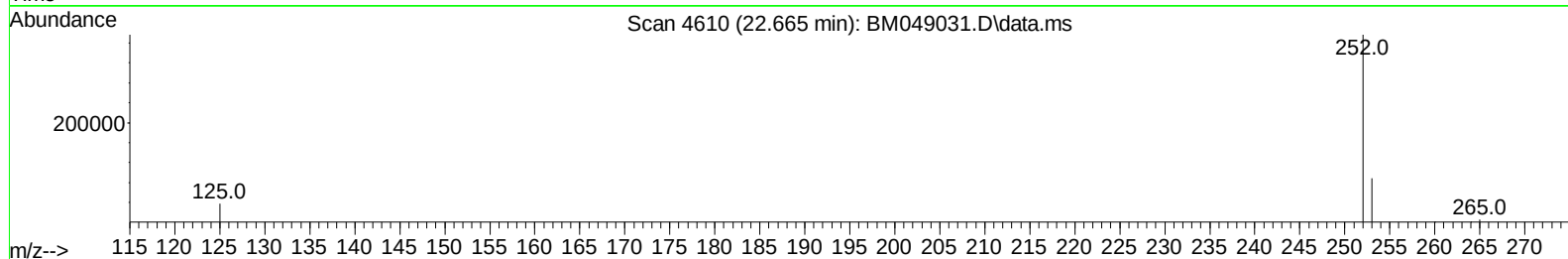
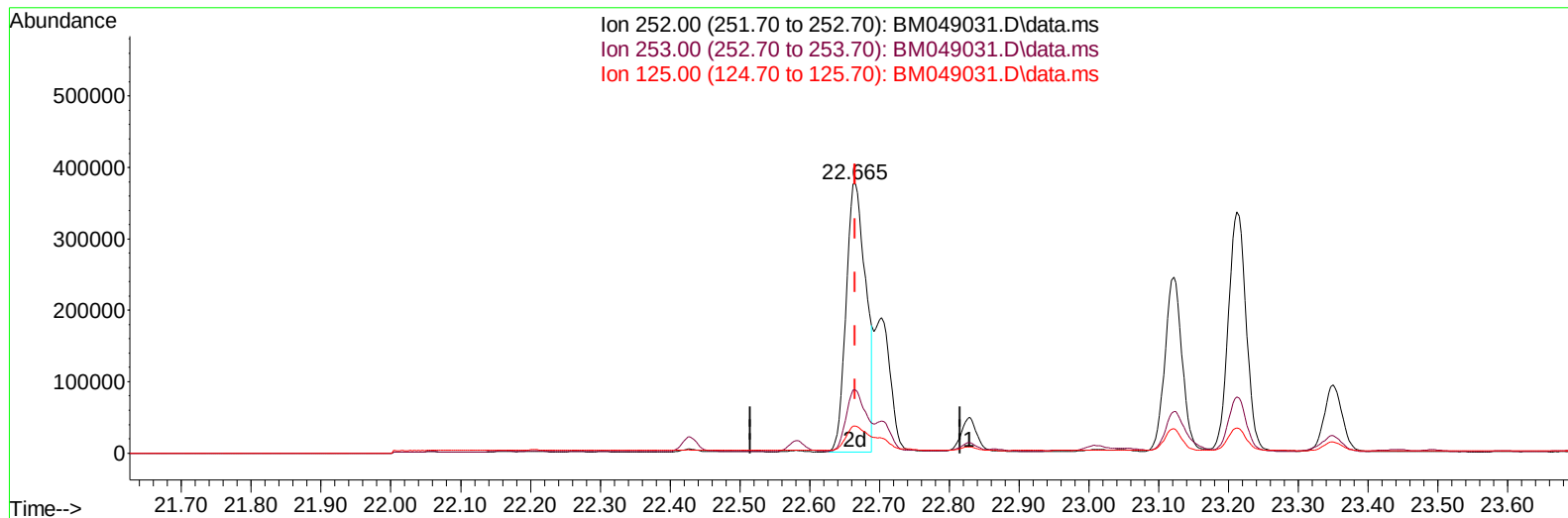
22.829min (+ 0.163) 0.87 ng/u1

response 77189

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.50	29.99
125.00	18.30	17.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(24) Benzo(b)fluoranthene

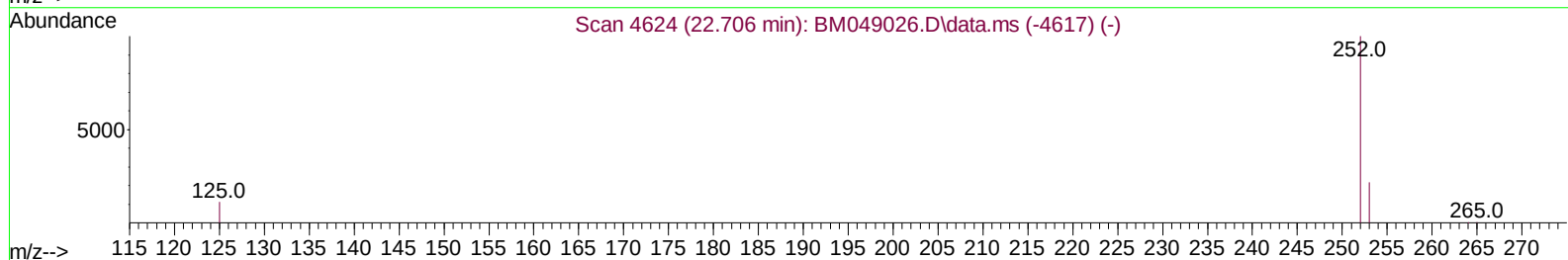
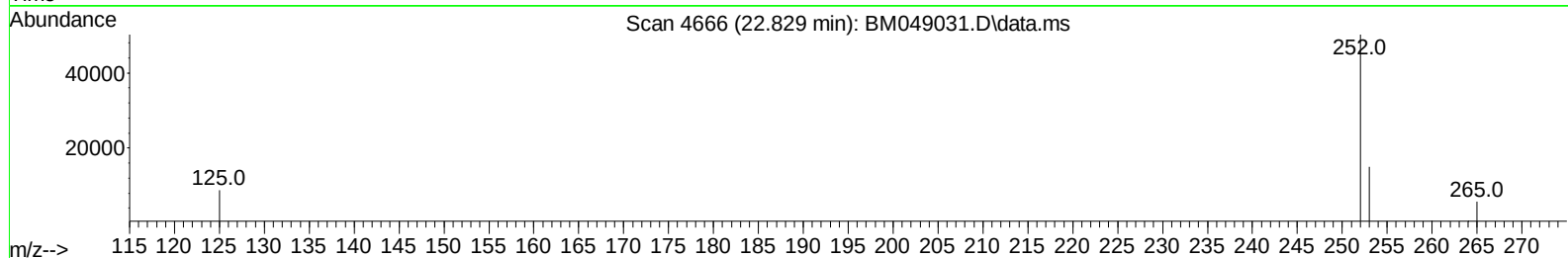
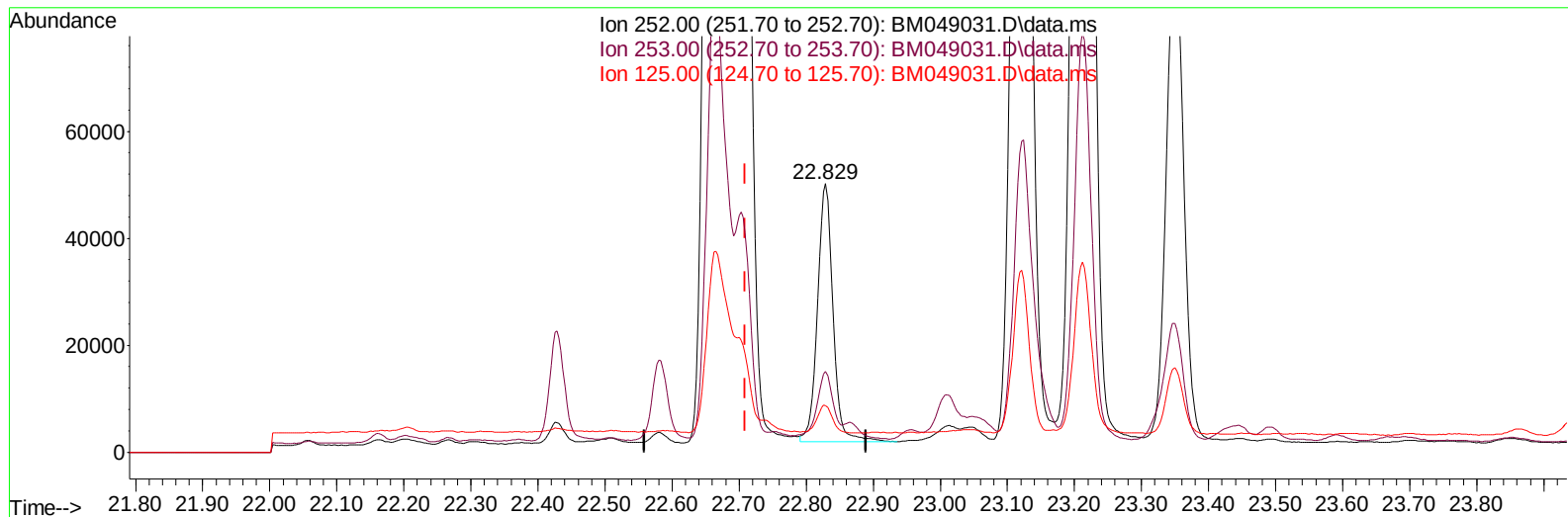
22.665min (-0.000) 8.30 ng/u1 m

response 738665

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.50	23.53
125.00	18.30	9.98
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(25) Benzo(k)fluoranthene

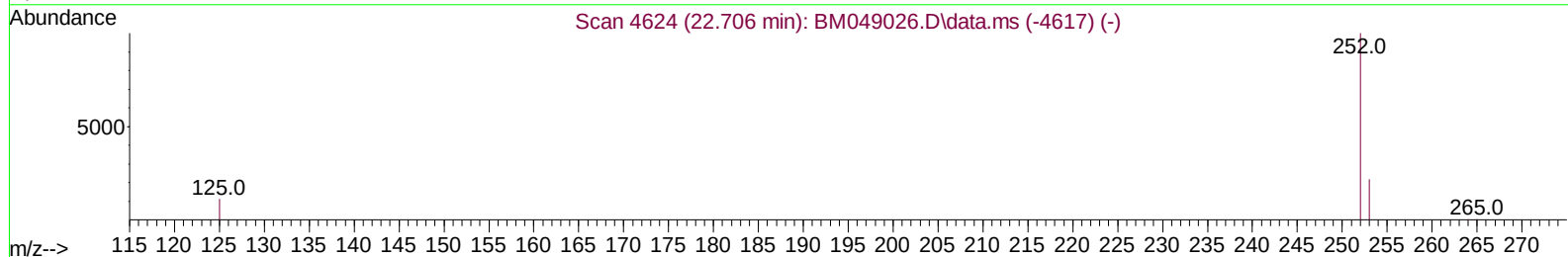
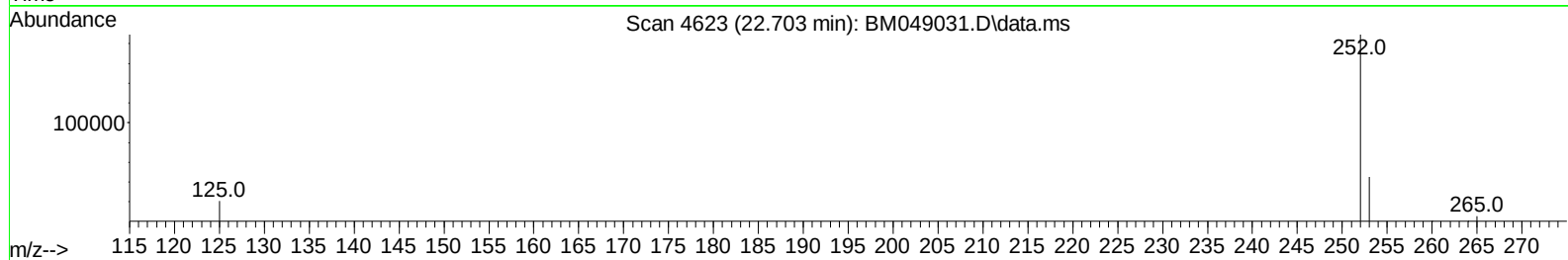
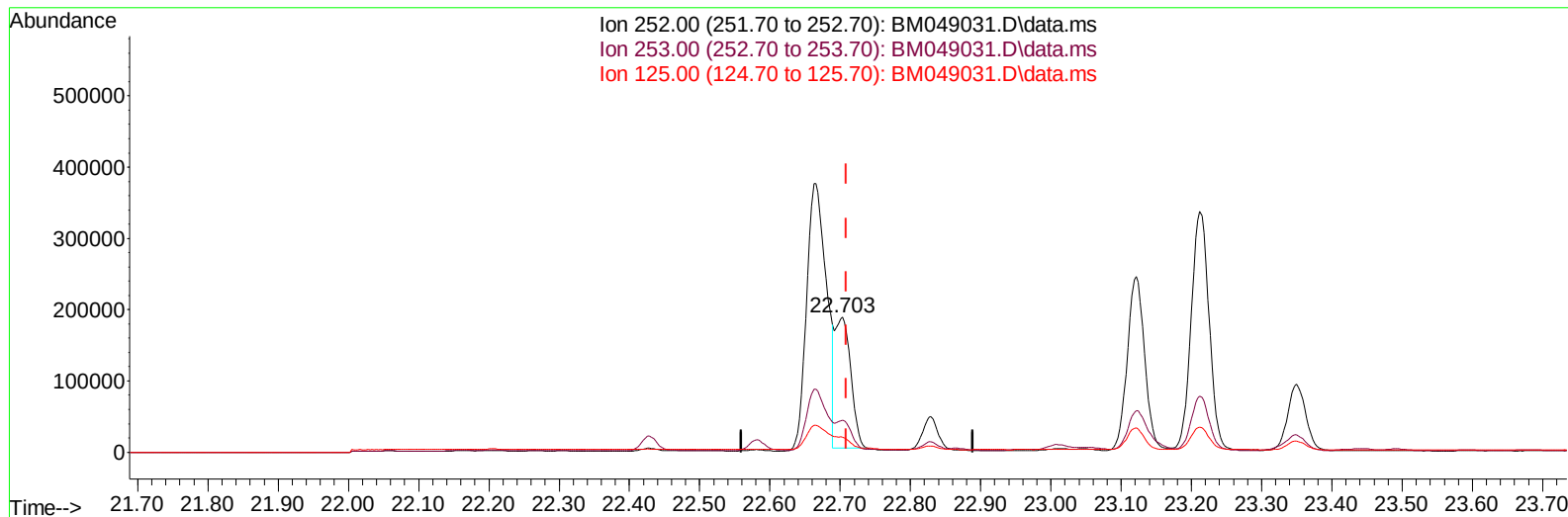
22.829min (+ 0.120) 0.75 ng/u1

response 77189

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	29.99
125.00	21.60	17.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(25) Benzo(k)fluoranthene

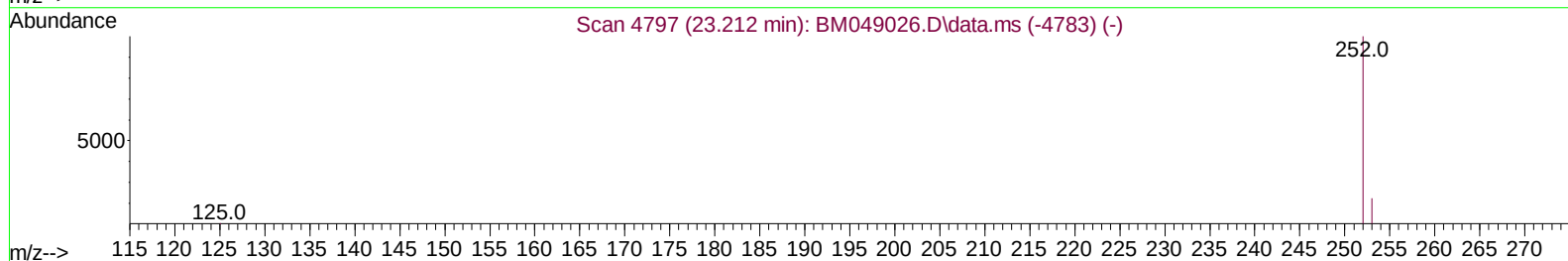
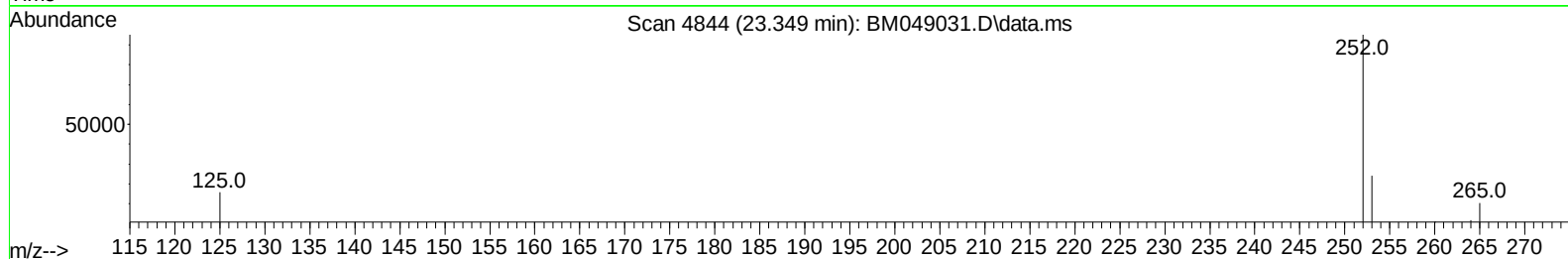
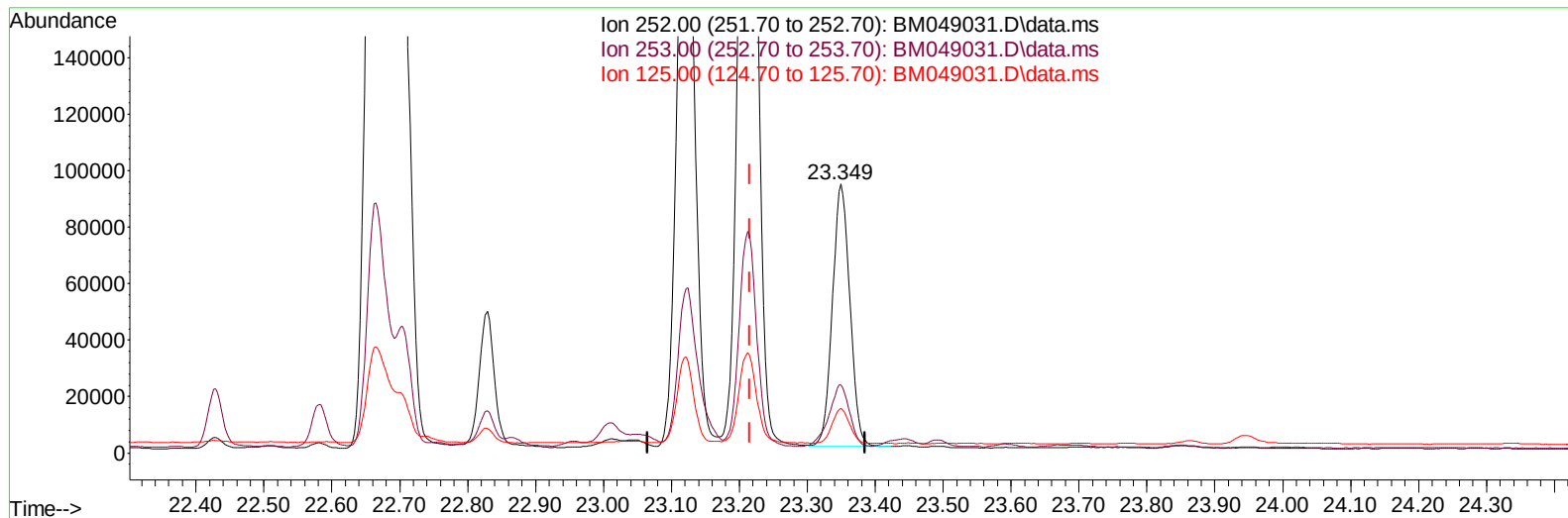
22.703min (-0.006) 2.84 ng/ul m

response 291955

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	23.75
125.00	21.60	11.04#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(26) Benzo(a)pyrene (C)

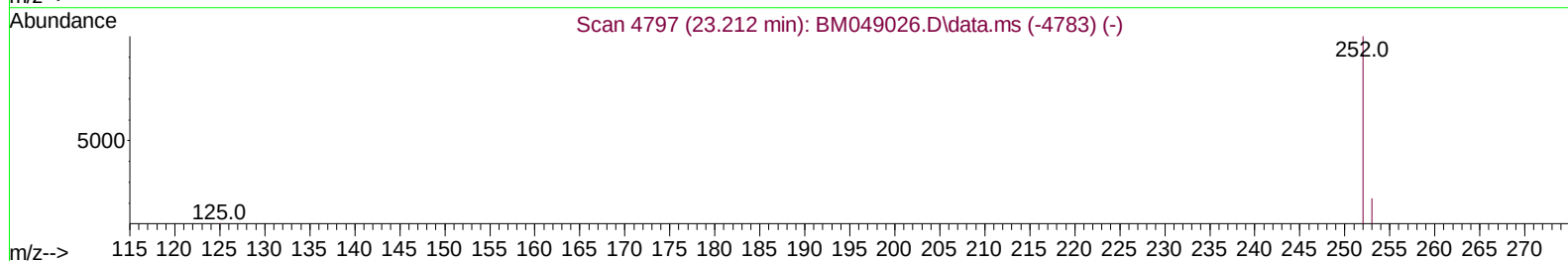
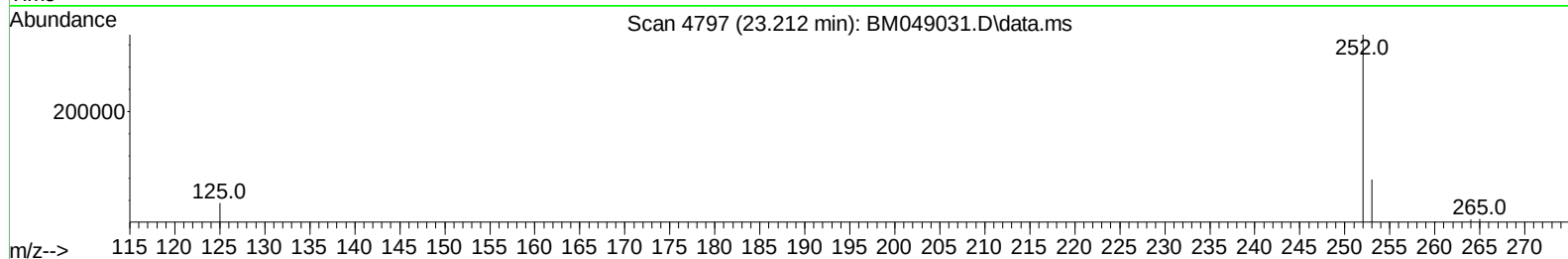
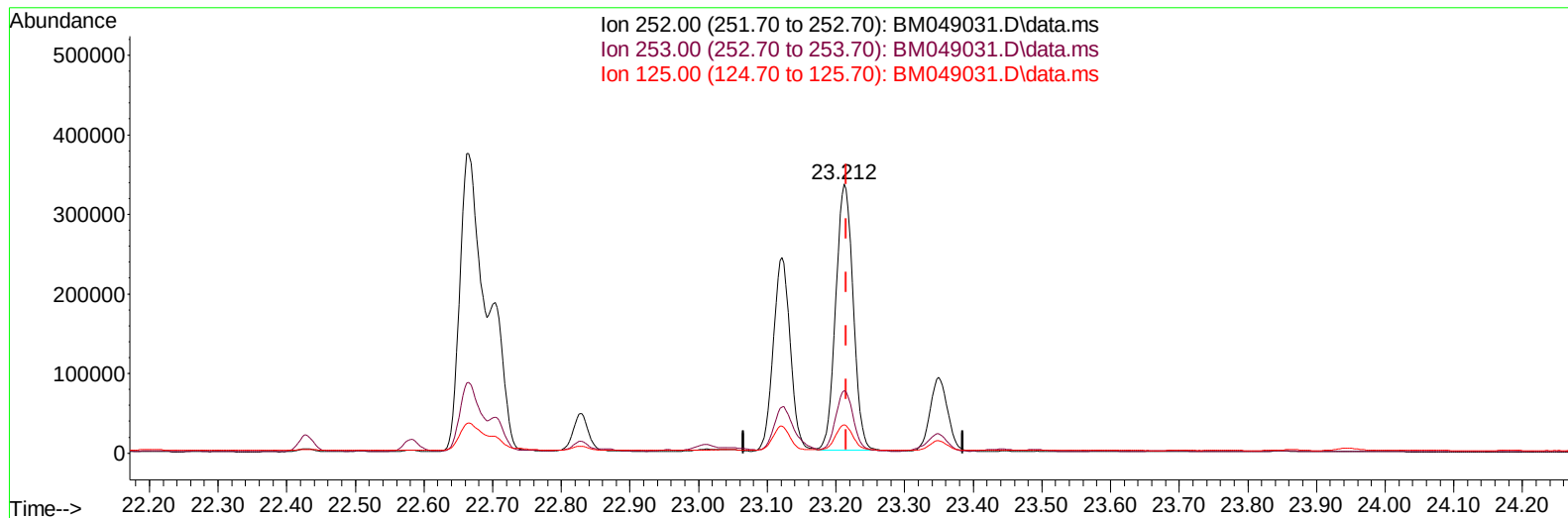
23.349min (+ 0.134) 2.02 ng/u1

response 166571

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.30	25.32
125.00	23.20	16.58#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(26) Benzo(a)pyrene (C)

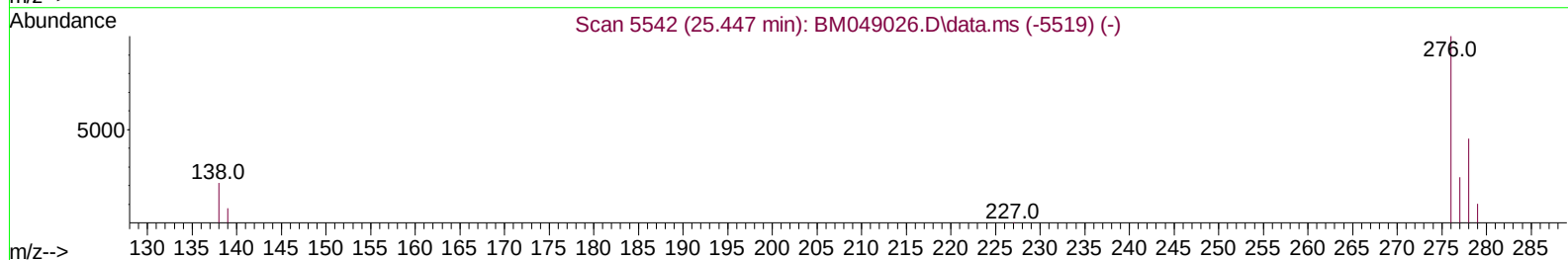
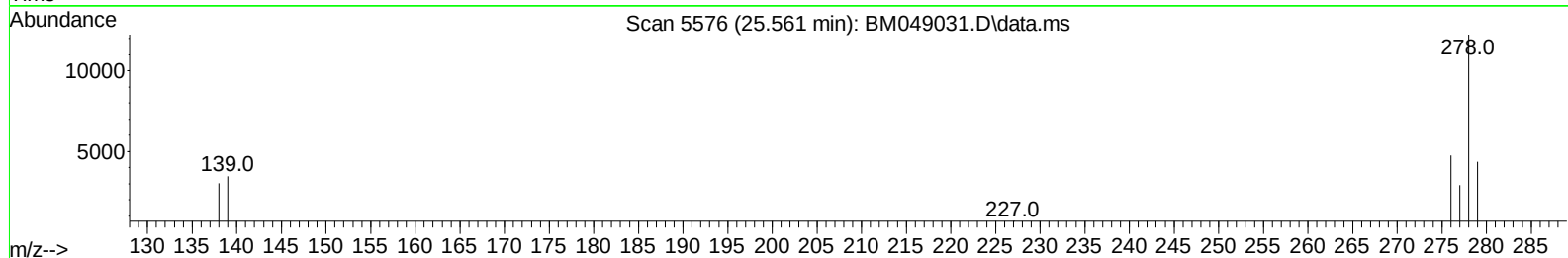
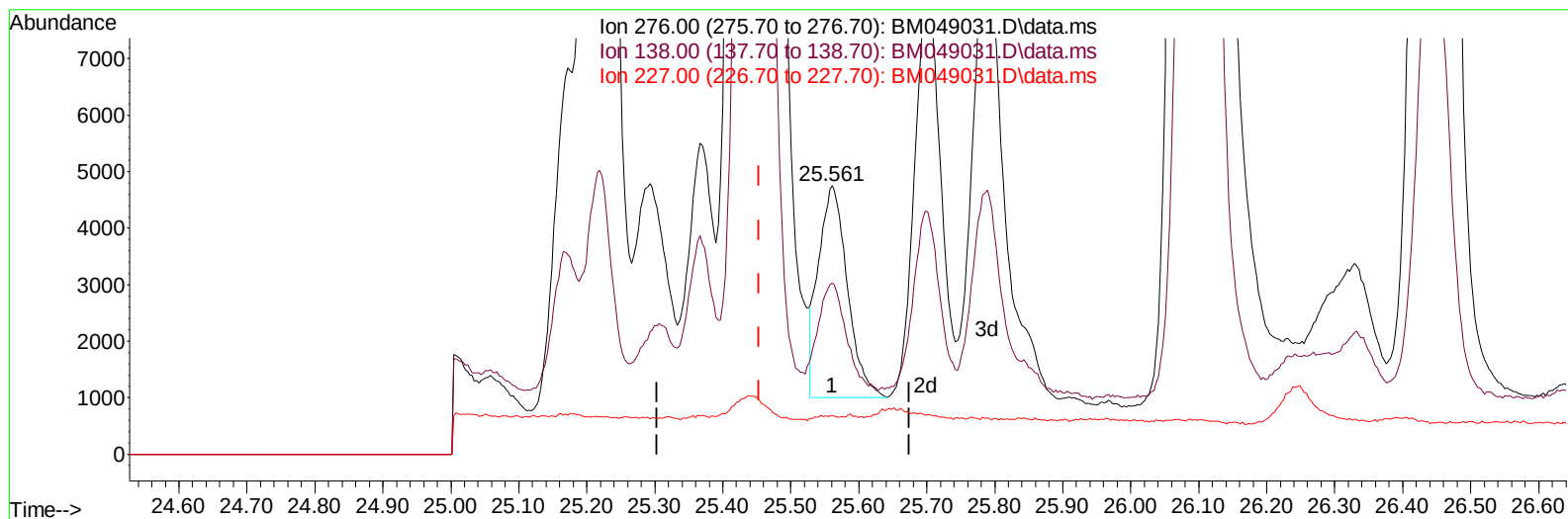
23.212min (-0.003) 7.19 ng/ul m

response 591463

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.30	23.24
125.00	23.20	10.52#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

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

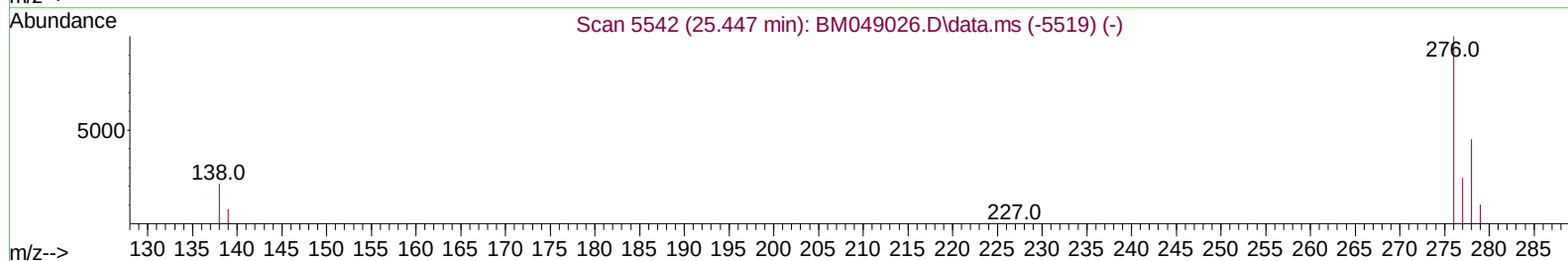
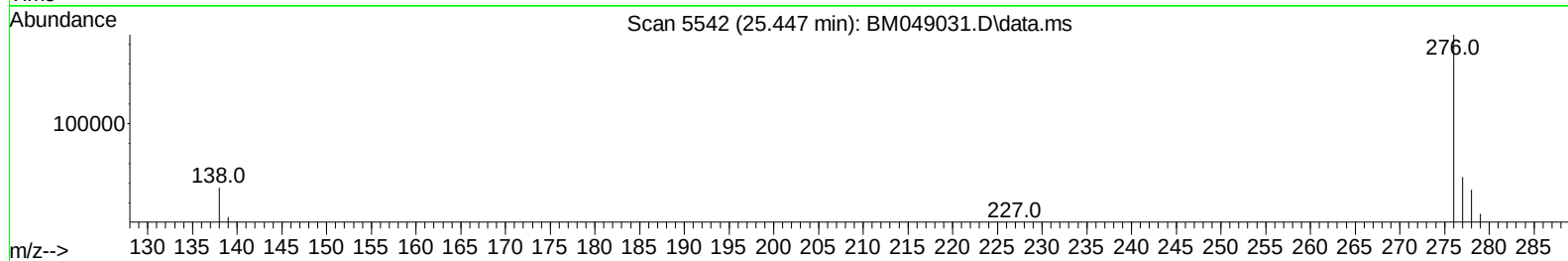
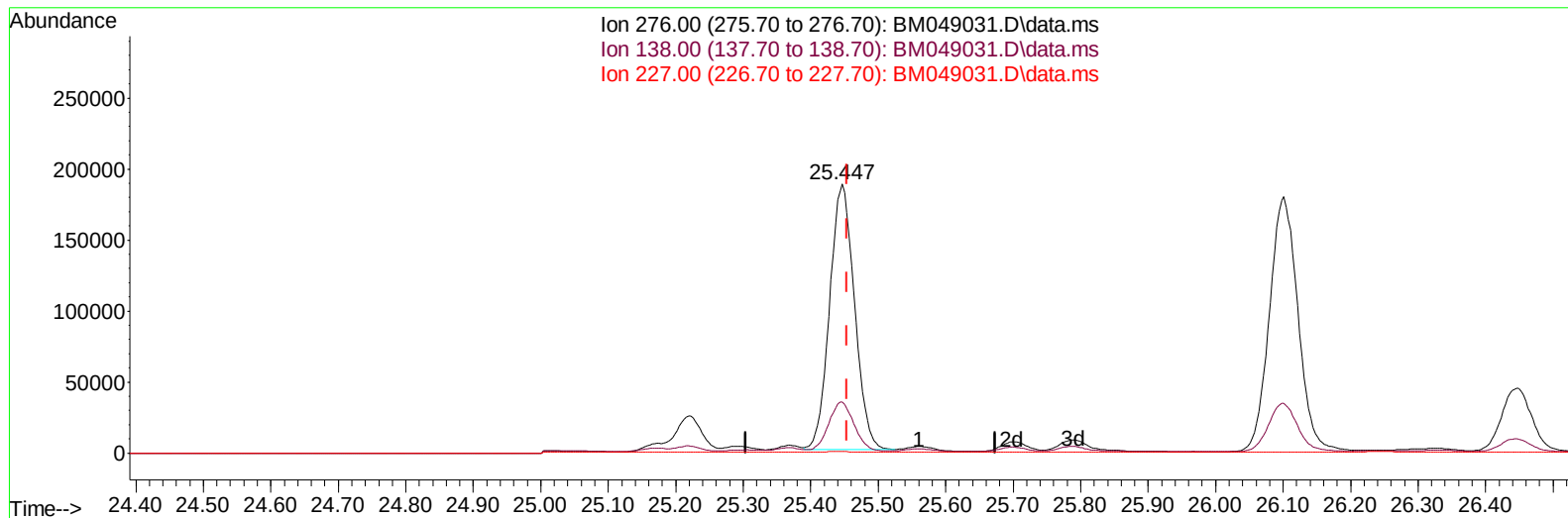
25.561min (+ 0.107) 0.10 ng/u1

response 11117

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.60	49.89#
227.00	0.20	2.13#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

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

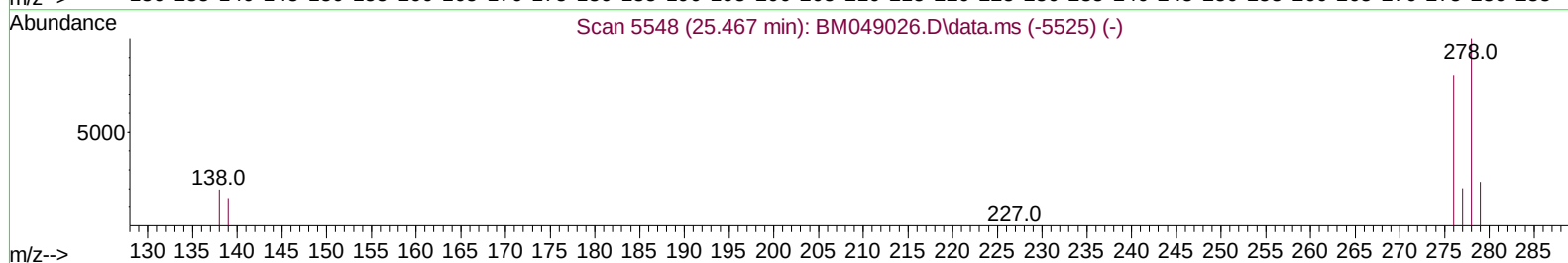
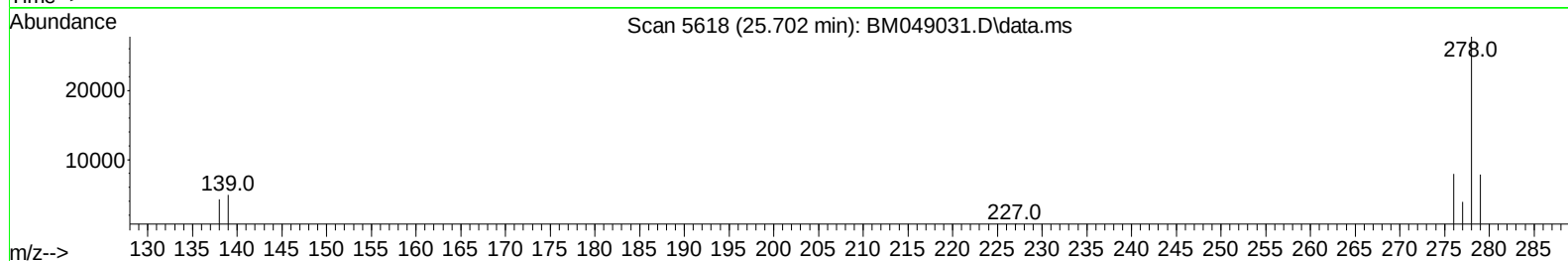
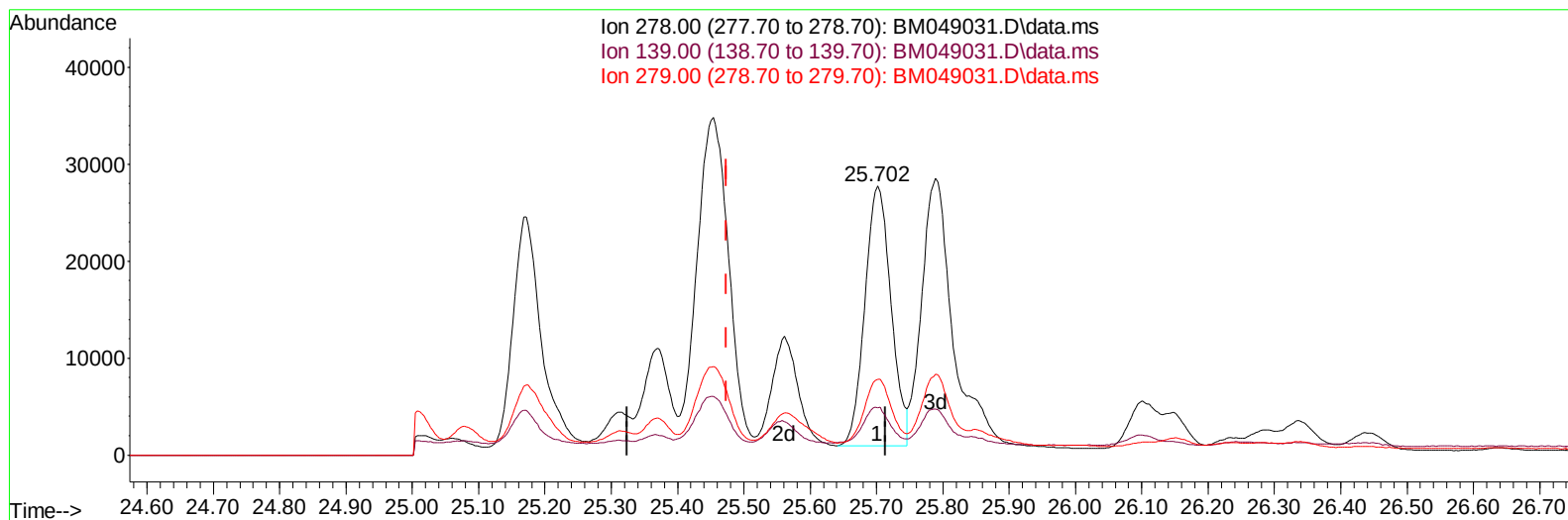
25.447min (-0.007) 4.13 ng/ul m

response 476918

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.60	1.16#
227.00	0.20	0.05#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(28) Dibenzo(a,h)anthracene

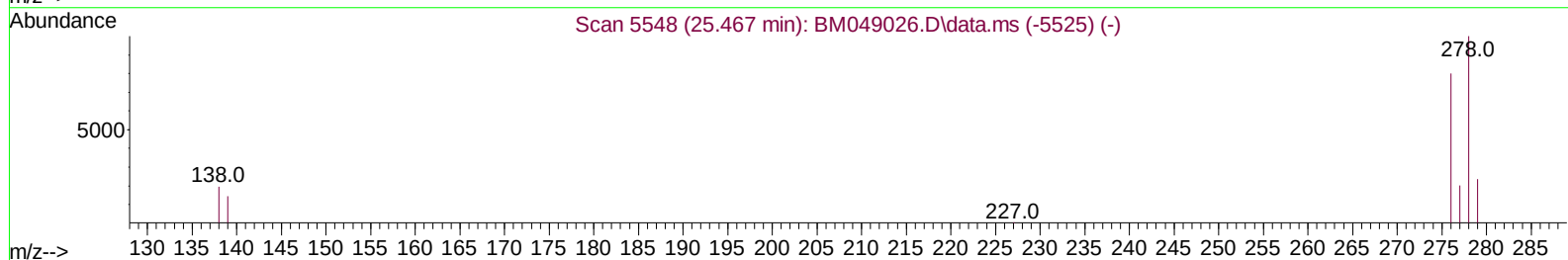
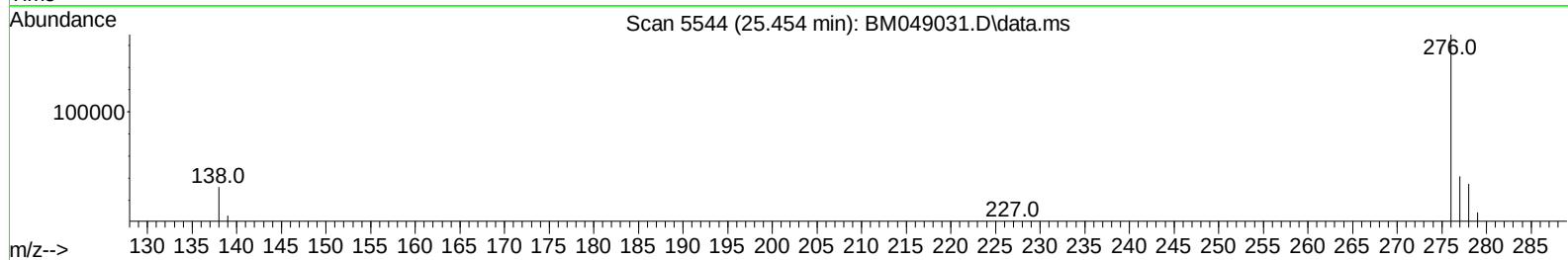
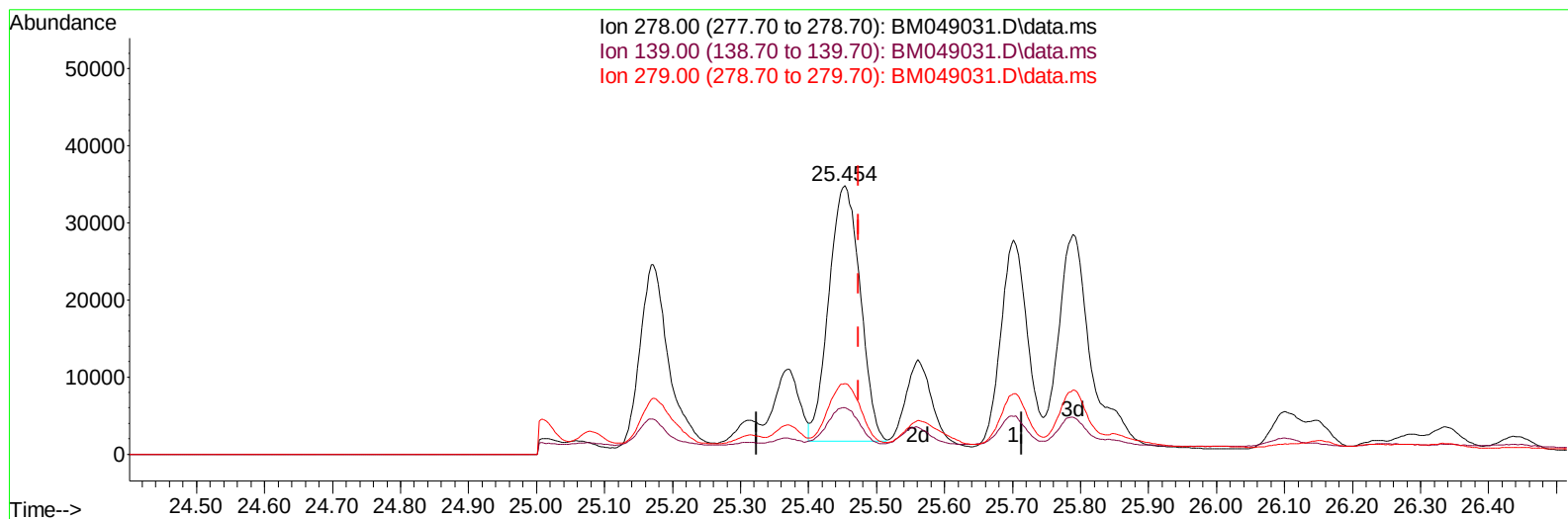
25.702min (+ 0.228) 0.81 ng/u1

response 72721

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.70	17.58
279.00	26.40	28.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

(28) Dibenzo(a,h)anthracene

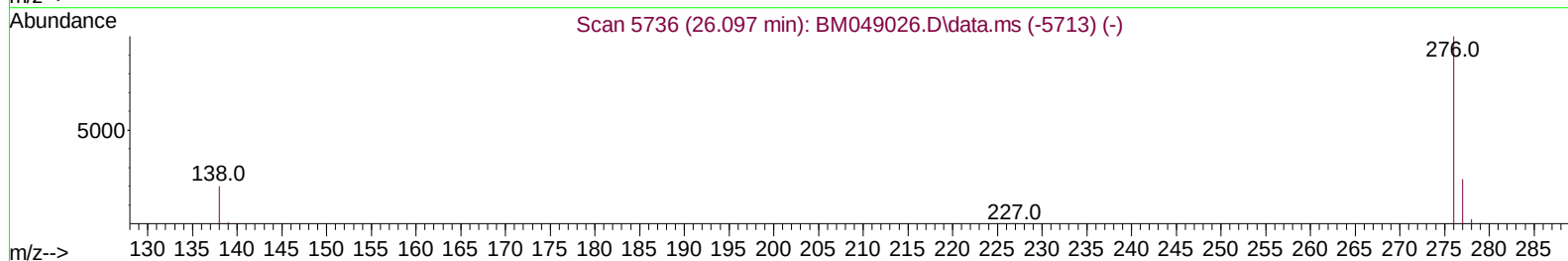
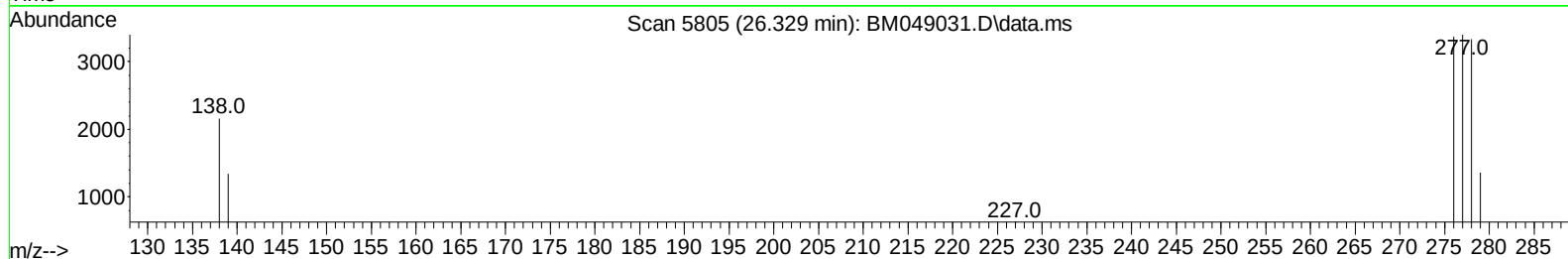
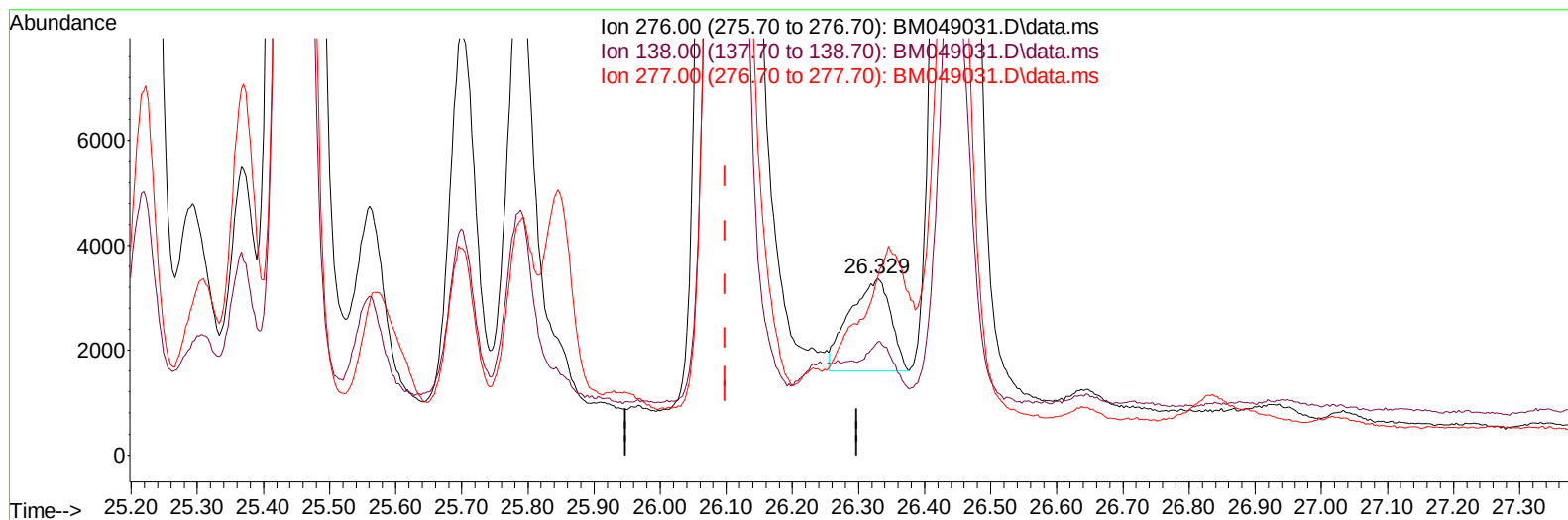
25.454min (-0.020) 1.18 ng/ul m

response 105738

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.70	17.36
279.00	26.40	26.30
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

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

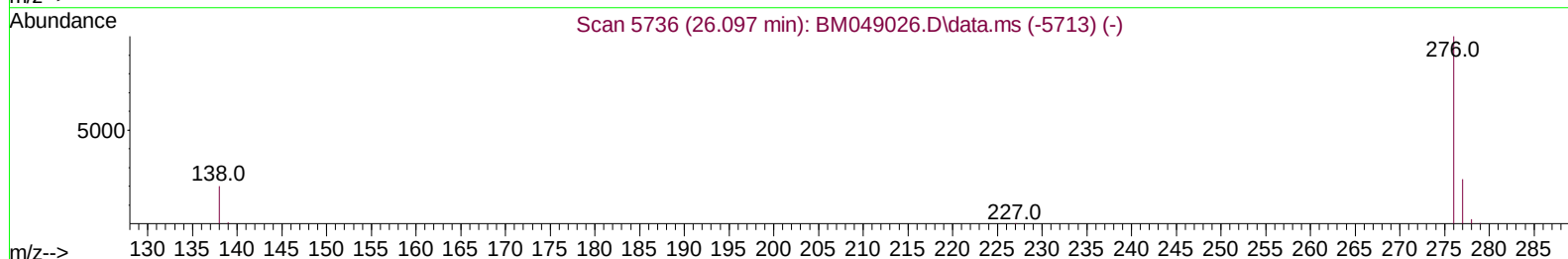
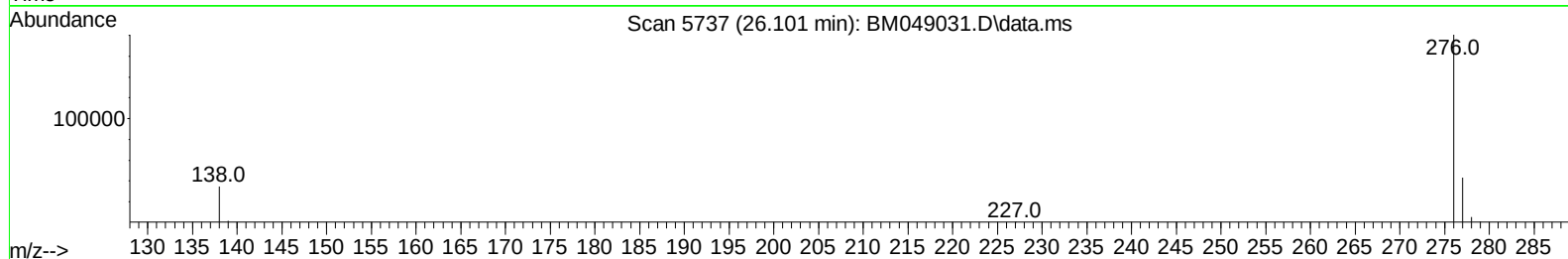
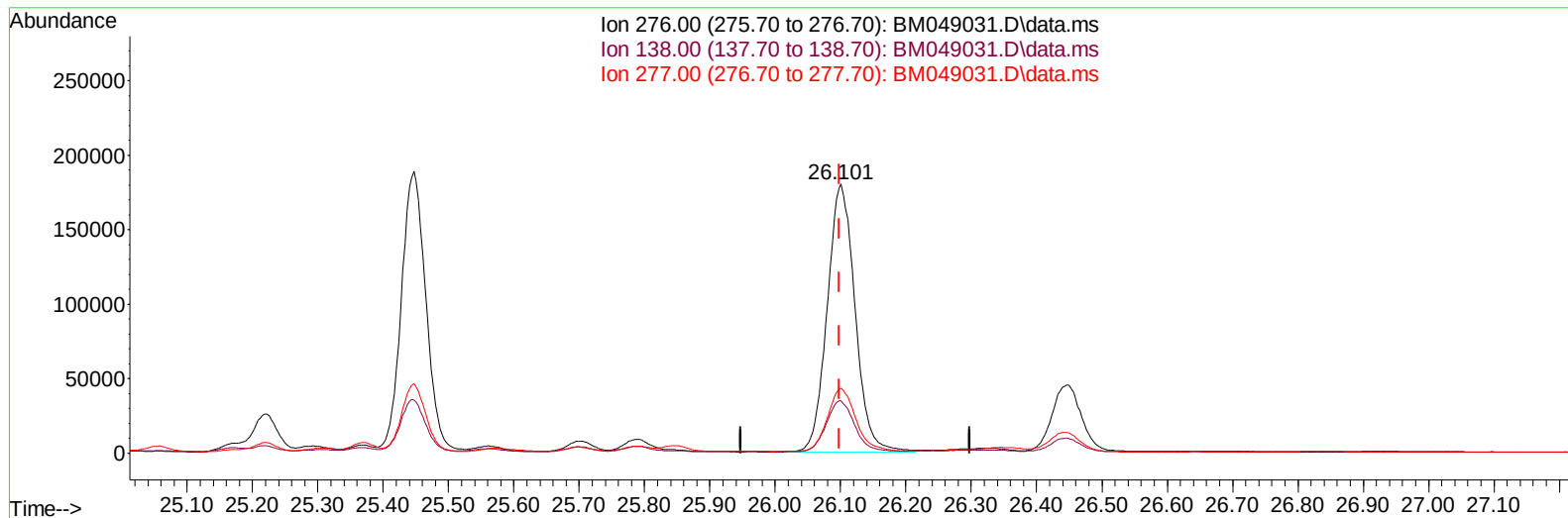
26.329min (+ 0.231) 0.08 ng/u1

response 7615

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	64.02#
277.00	24.50	100.71#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049031.D
Acq On : 17 Dec 2024 21:13
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration



TIC: BM049031.D\data.ms

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

26.101min (+ 0.003) 5.72 ng/ul m

response 531571

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	19.42#
277.00	24.50	24.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
 Data File : BM049031.D
 Acq On : 17 Dec 2024 21:13
 Operator : RC/JU
 Sample : P5155-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 18 02:08:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 17 10:03:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	8524	0.400	ng/ul	0.00
4) Naphthalene-d8	10.332	136	26418	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.206	164	15073	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	33397m	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	24902m	0.400	ng/ul	0.00
23) Perylene-d12	23.306	264	25743m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	36865	3.700	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	8298	0.246	ng/ul	0.00
18) Fluoranthene-d10	18.984	212	15444m	0.208	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.381	128	108091	1.596	ng/ul	98
7) 2-Methylnaphthalene	12.003	142	28966	0.701	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	12680	0.301	ng/ul	99
10) Acenaphthylene	13.919	152	11994	0.188	ng/ul	96
11) Acenaphthene	14.266	153	12761	0.265	ng/ul	98
12) Fluorene	15.256	166	16590	0.310	ng/ul#	97
15) Phenanthrene	16.989	178	227482m	2.485	ng/ul	
16) Anthracene	17.082	178	45770m	0.561	ng/ul	
19) Fluoranthene	19.012	202	473614m	4.586	ng/ul	
20) Pyrene	19.379	202	475881m	4.275	ng/ul	
21) Benzo(a)anthracene	21.128	228	353833m	4.038	ng/ul	
22) Chrysene	21.181	228	413632m	4.172	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	738665m	8.303	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	291955m	2.837	ng/ul	
26) Benzo(a)pyrene	23.212	252	591463m	7.189	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.447	276	476918m	4.127	ng/ul	
28) Dibenzo(a,h)anthracene	25.454	278	105738m	1.176	ng/ul	
29) Benzo(g,h,i)perylene	26.101	276	531571m	5.718	ng/ul	

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