

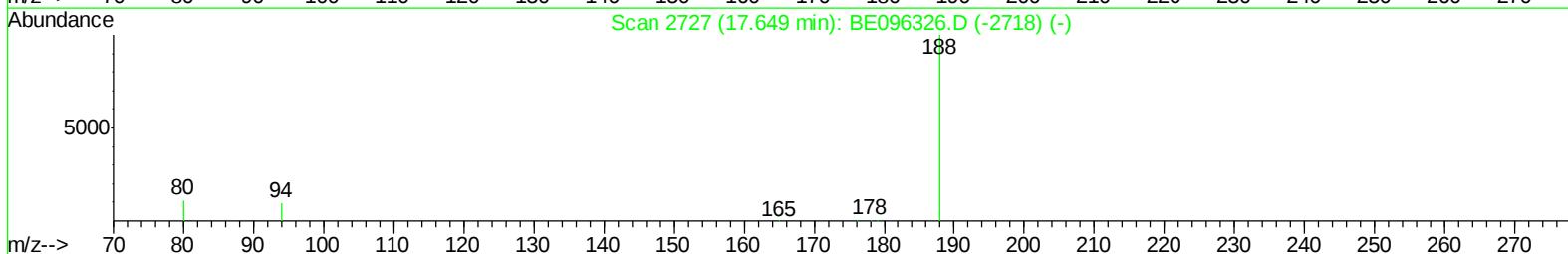
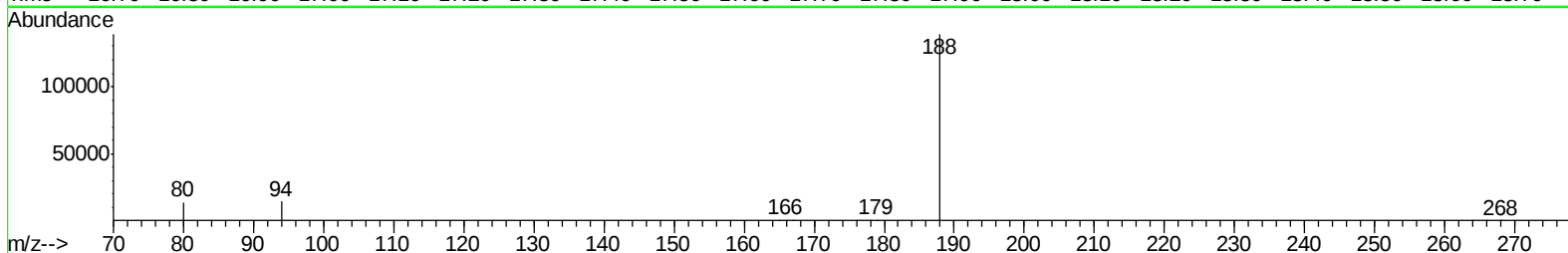
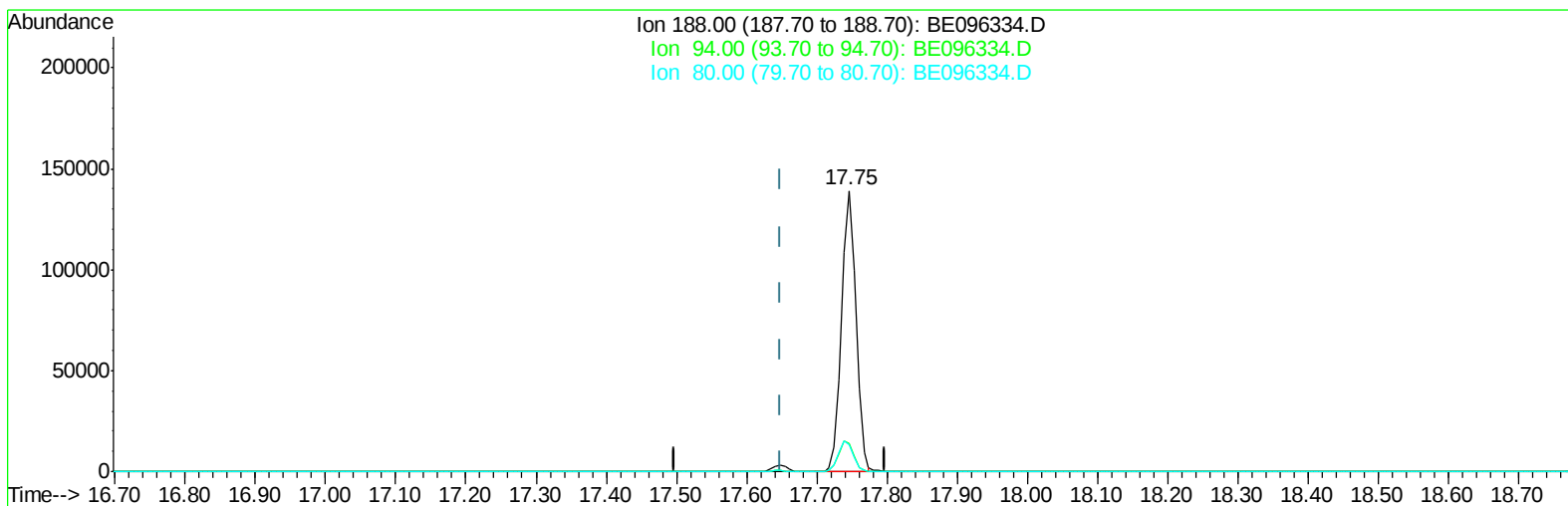
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:40:28 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(10) Phenanthrene-d10 (I)

17.746min (+0.097) 0.40ng/ul

response 193819

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.16
80.00	11.80	9.67
0.00	0.00	0.00

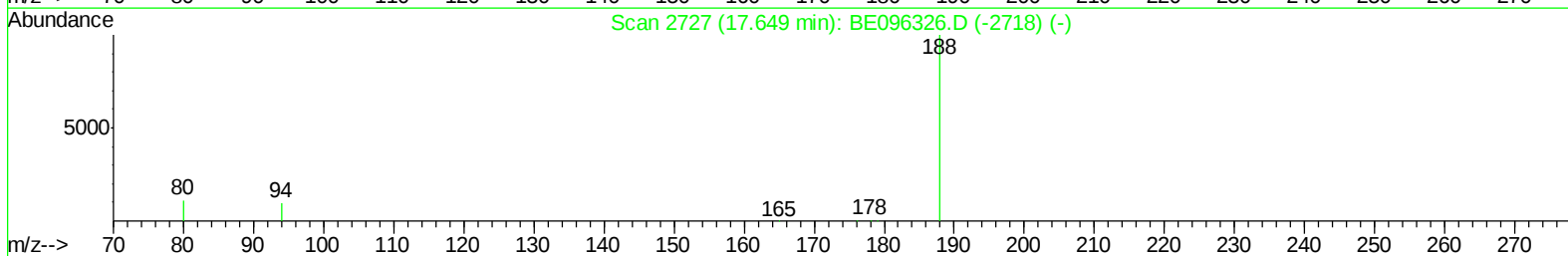
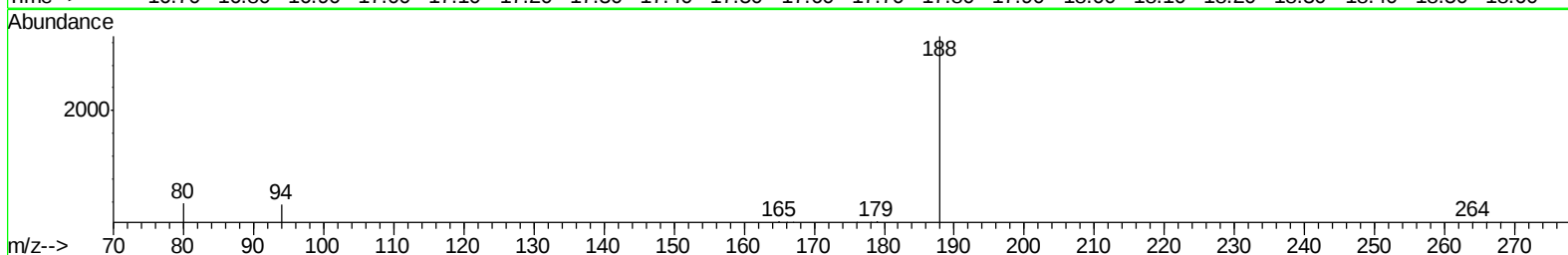
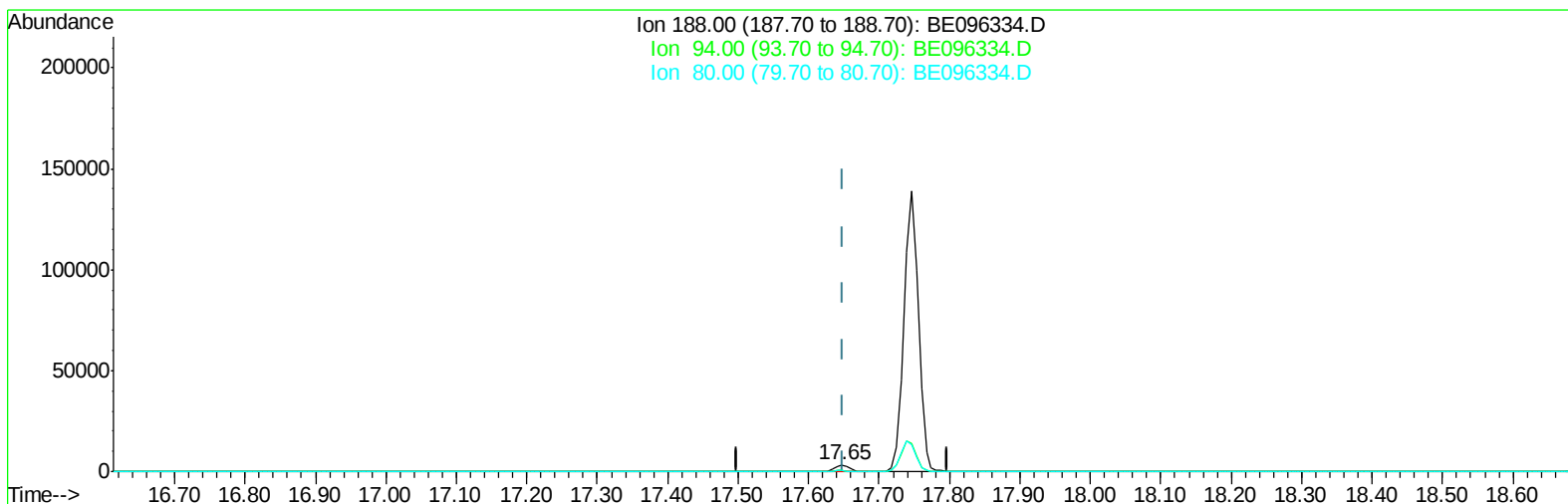
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:40:28 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(10) Phenanthrene-d10 (I)

17.648min (-0.001) 0.40ng/ul m

response 4642

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.75
80.00	11.80	11.27
0.00	0.00	0.00

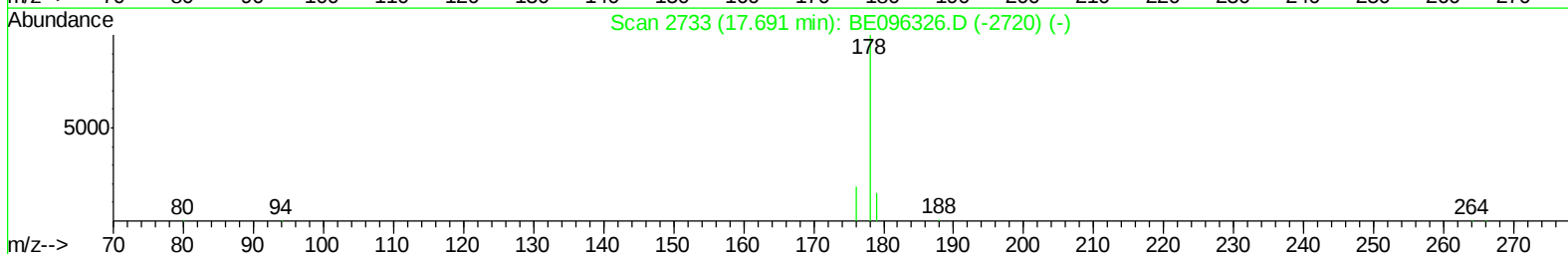
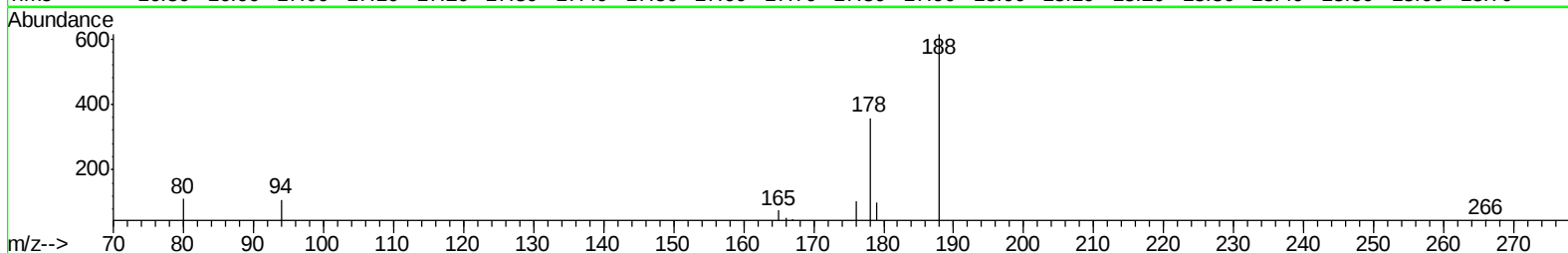
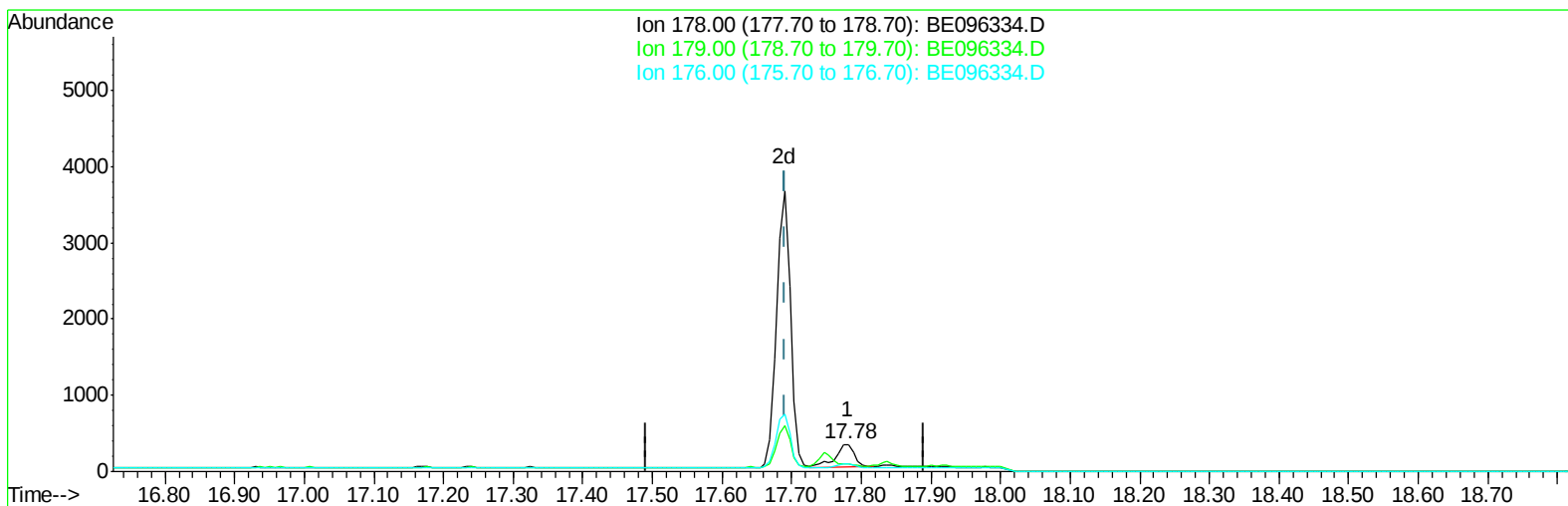
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:41:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(12) Phenanthrene

17.781min (+0.090) 0.04ng/ul

response 546

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	27.93#
176.00	17.00	29.05#
0.00	0.00	0.00

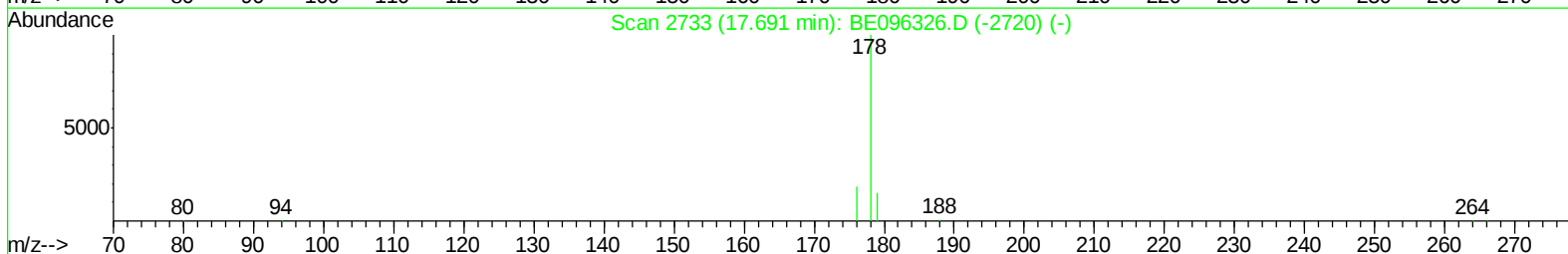
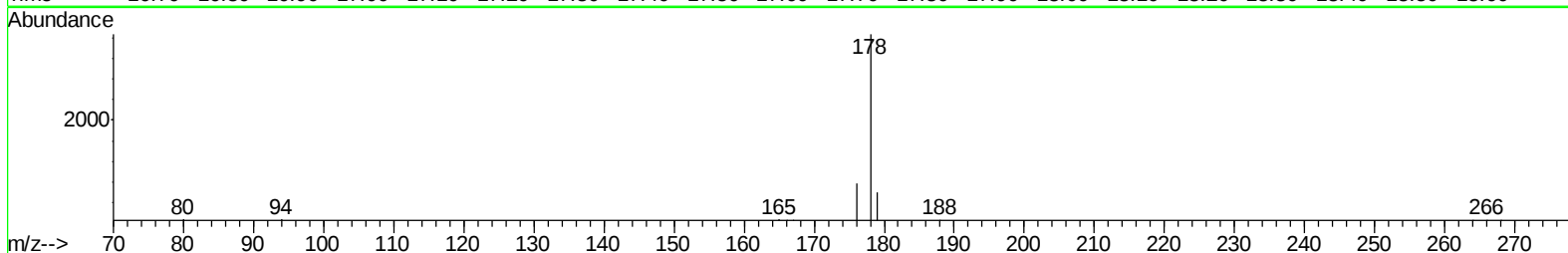
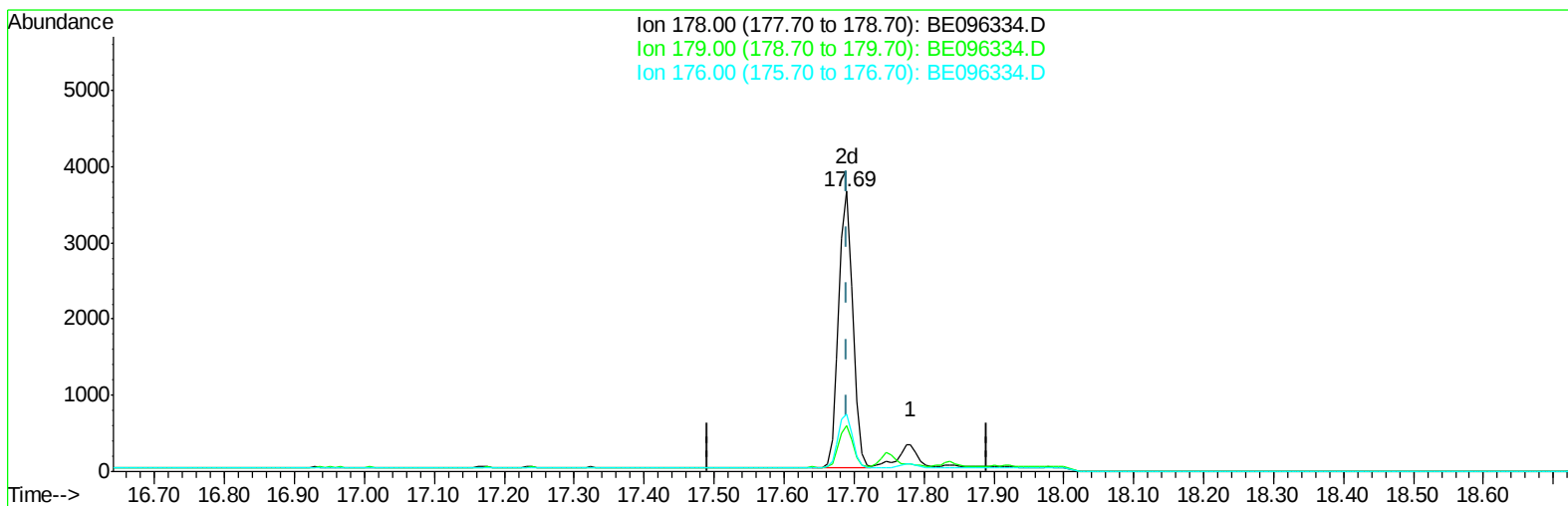
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:41:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(12) Phenanthrene

17.690min (-0.001) 0.36ng/ul m

response 5077

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.33#
176.00	17.00	20.52#
0.00	0.00	0.00

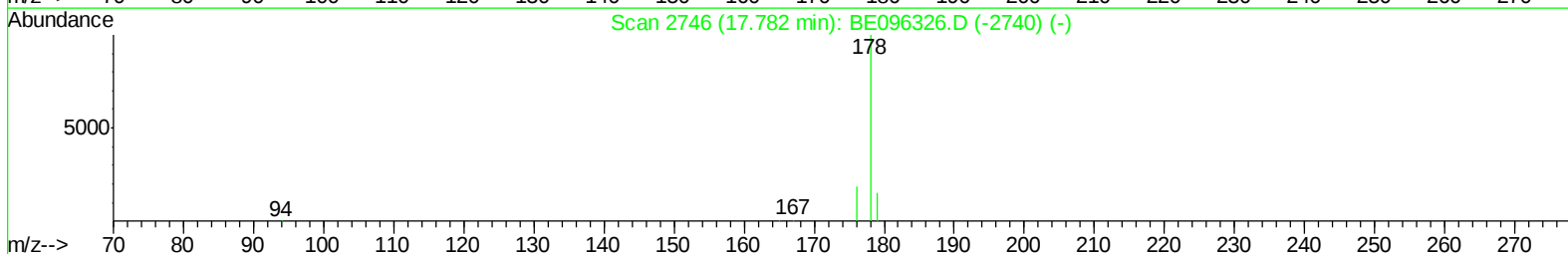
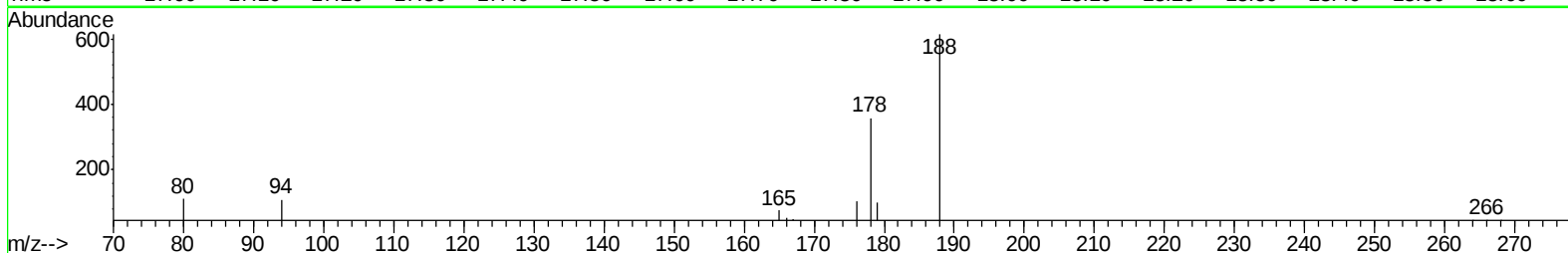
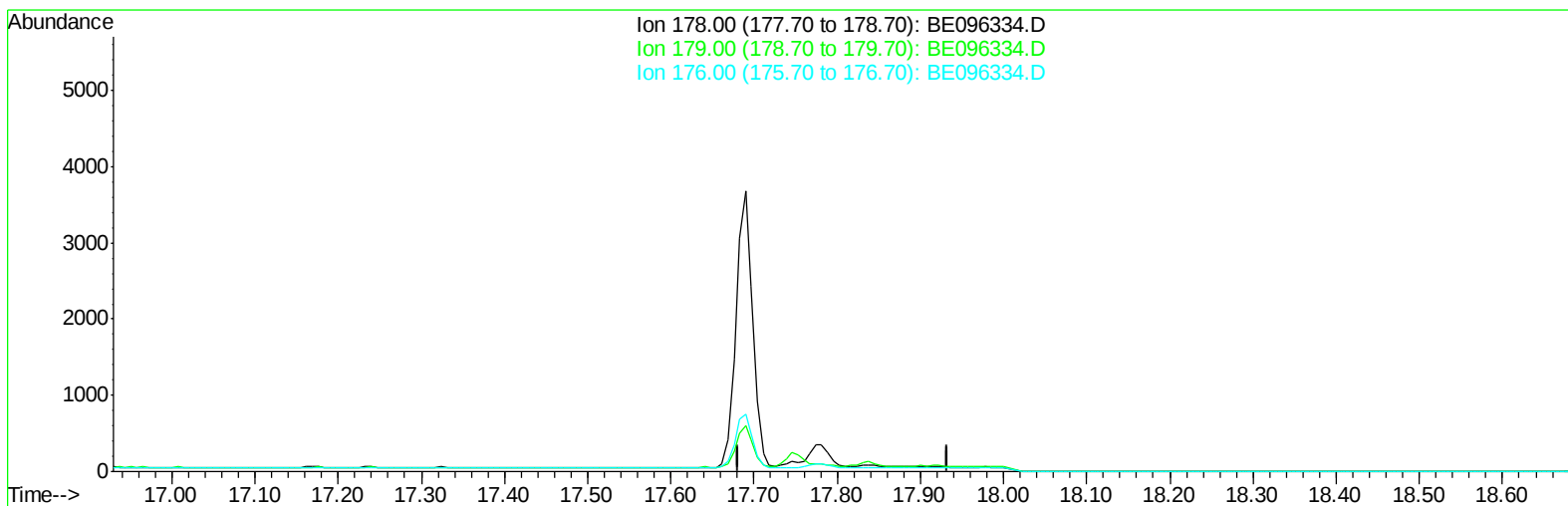
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:41:32 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(13) Anthracene

17.782min (-17.782) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	22.60	0.00#
176.00	18.40	0.00#
0.00	0.00	0.00

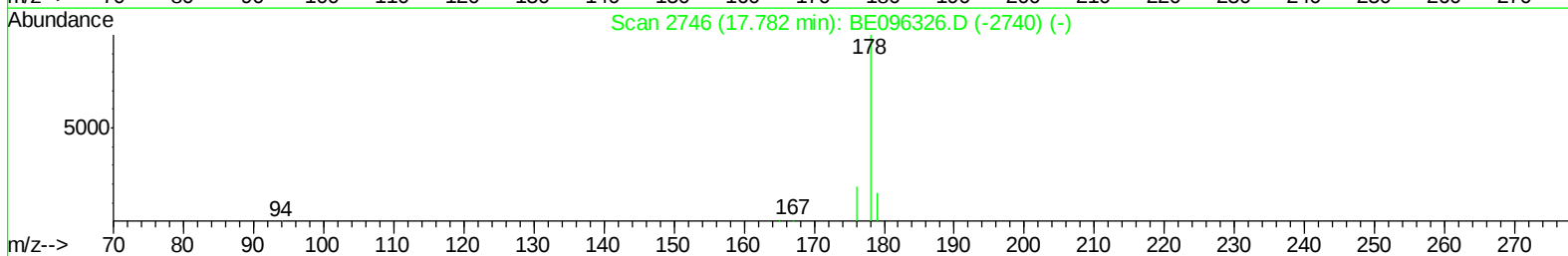
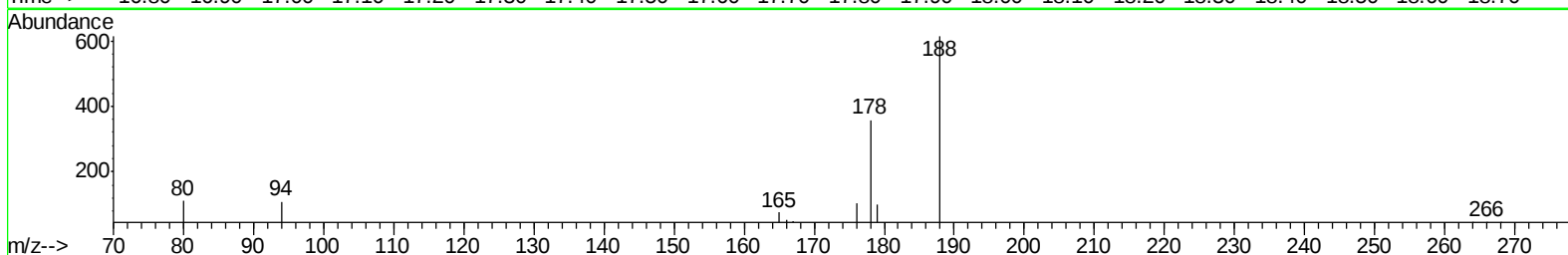
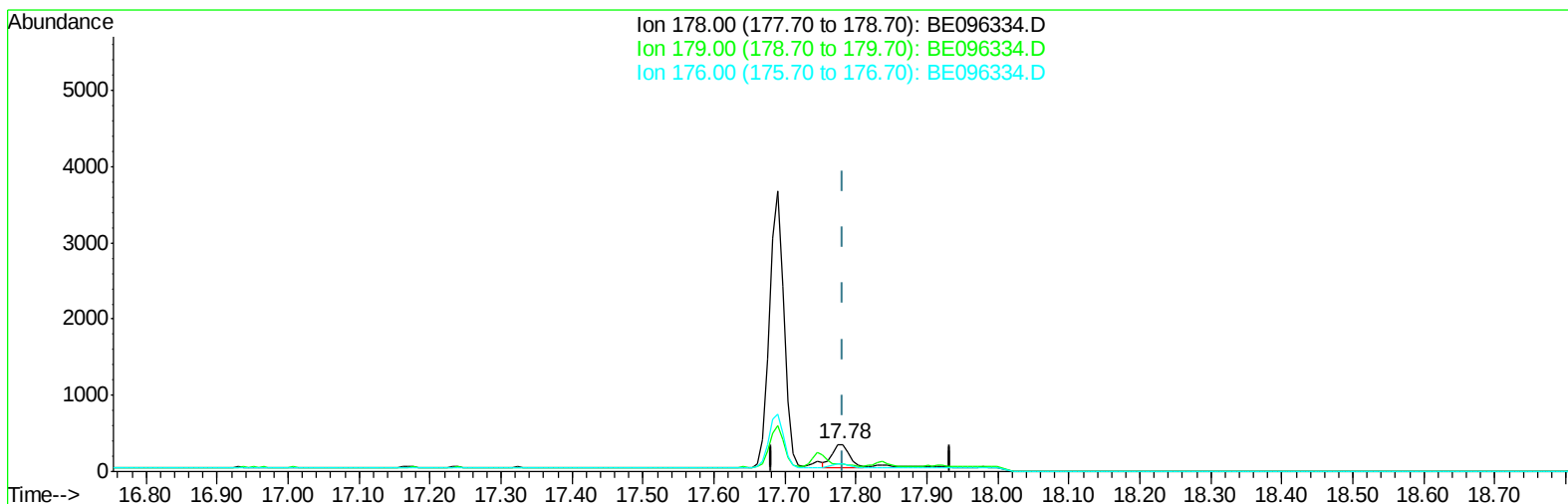
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:41:32 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(13) Anthracene

17.781min (-0.001) 0.04ng/ul m

response 503

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	27.93#
176.00	18.40	29.05#
0.00	0.00	0.00

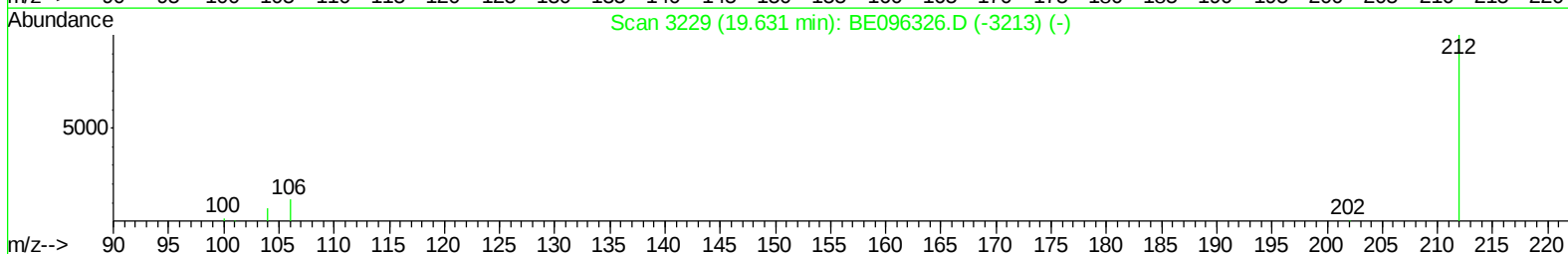
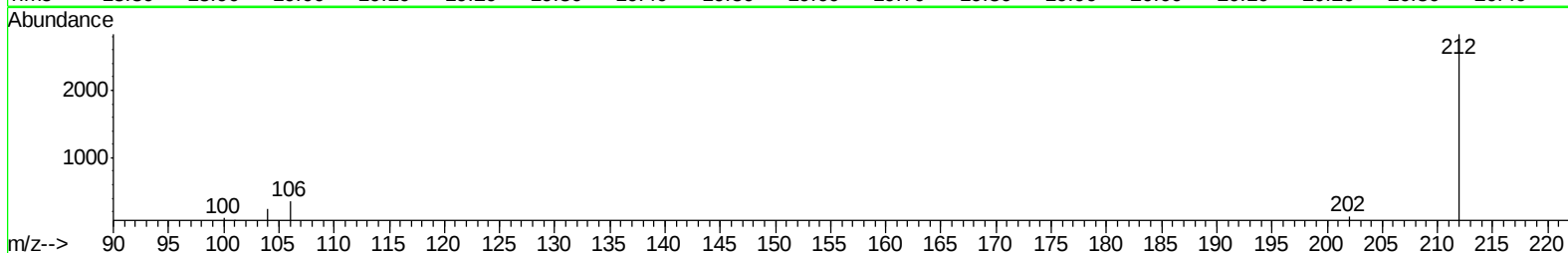
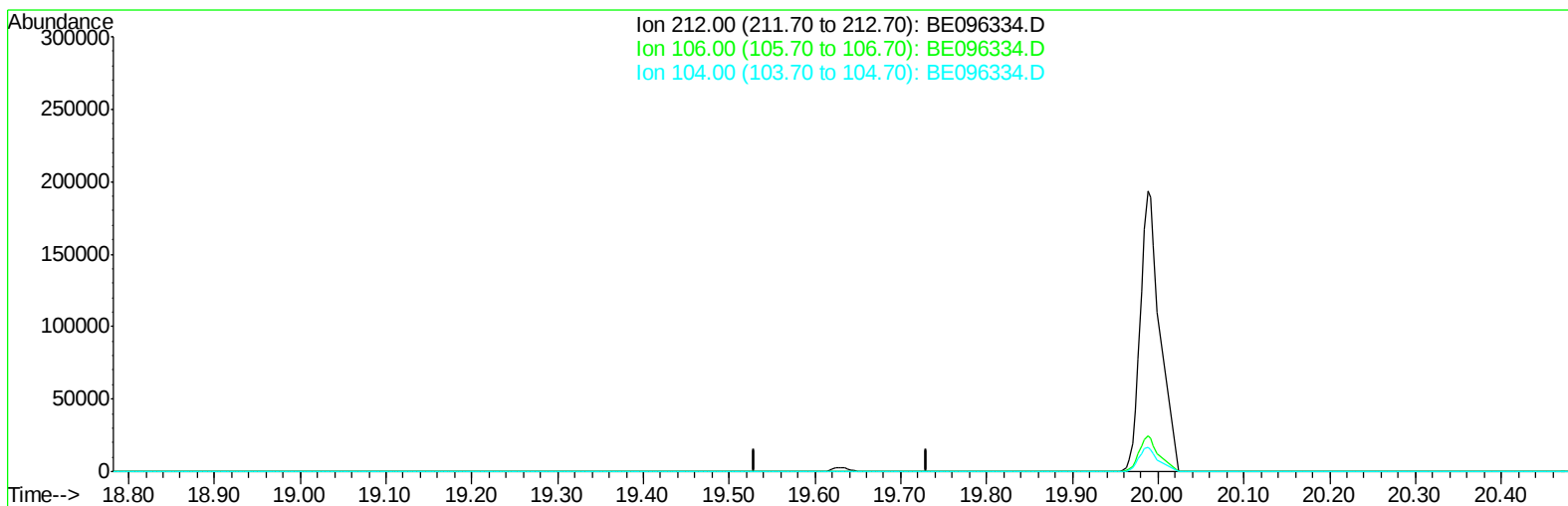
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:41:32 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(14) Fluoranthene-d10 (SURR)

19.631min (-19.631) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

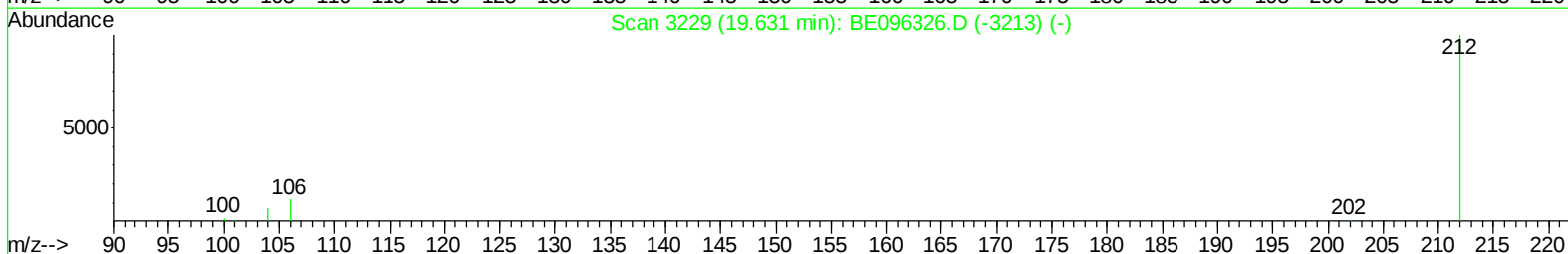
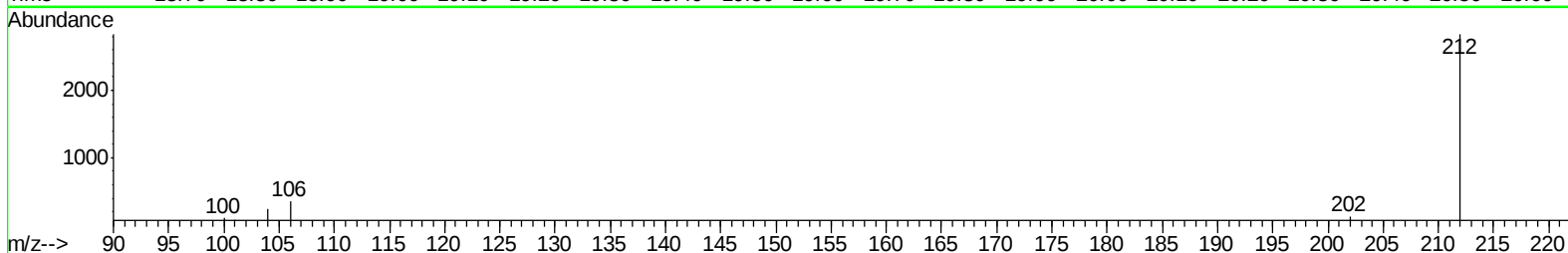
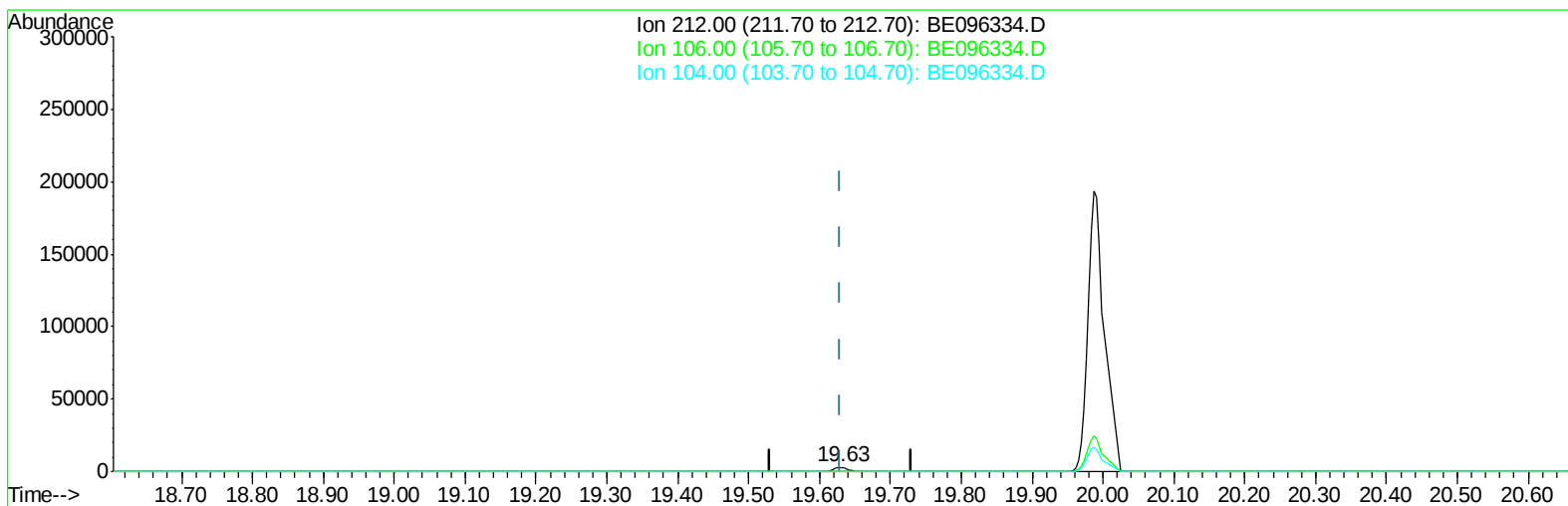
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:41:32 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(14) Fluoranthene-d10 (SURR)

19.631min (+0.000) 0.19ng/ul m

response 3833

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

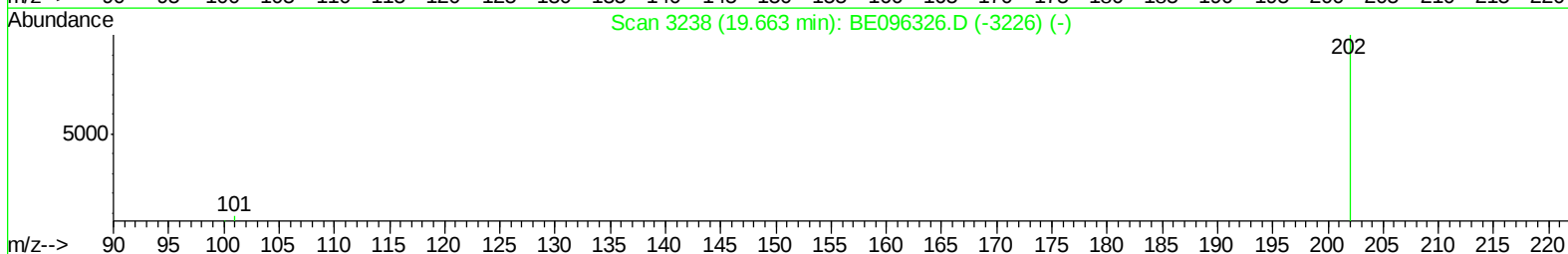
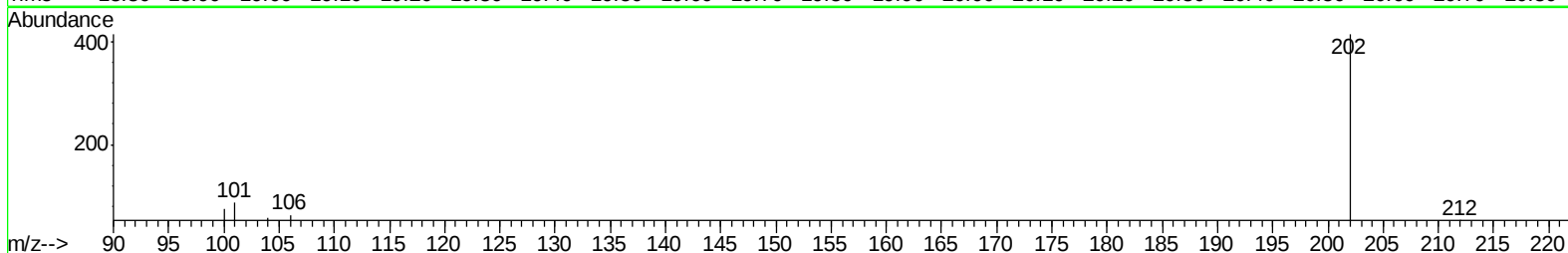
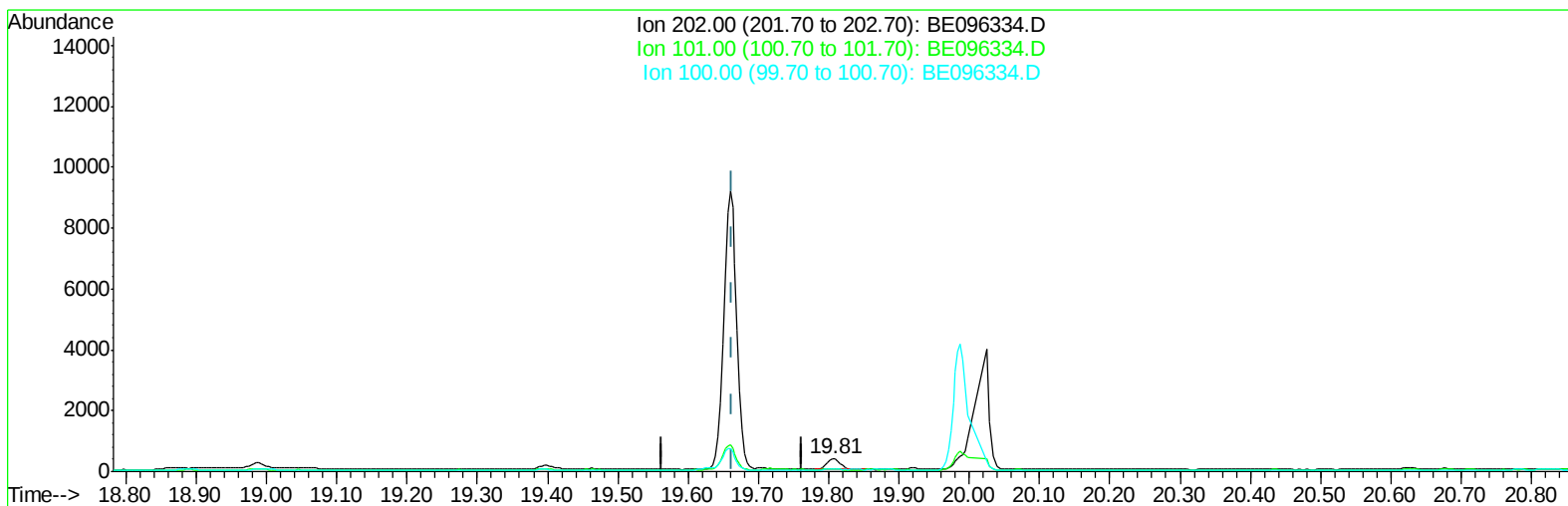
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:41:32 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(15) Fluoranthene (C)

19.806min (+0.143) 0.02ng/ul

response 484

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	20.72
100.00	19.50	18.07
0.00	0.00	0.00

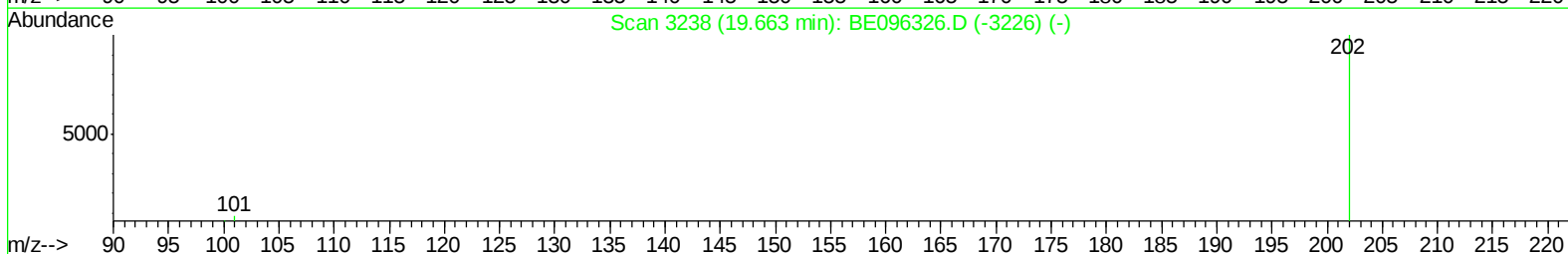
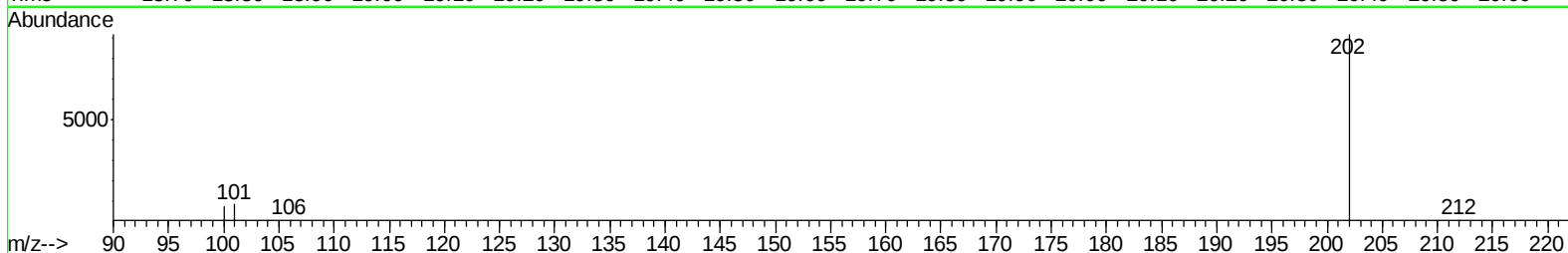
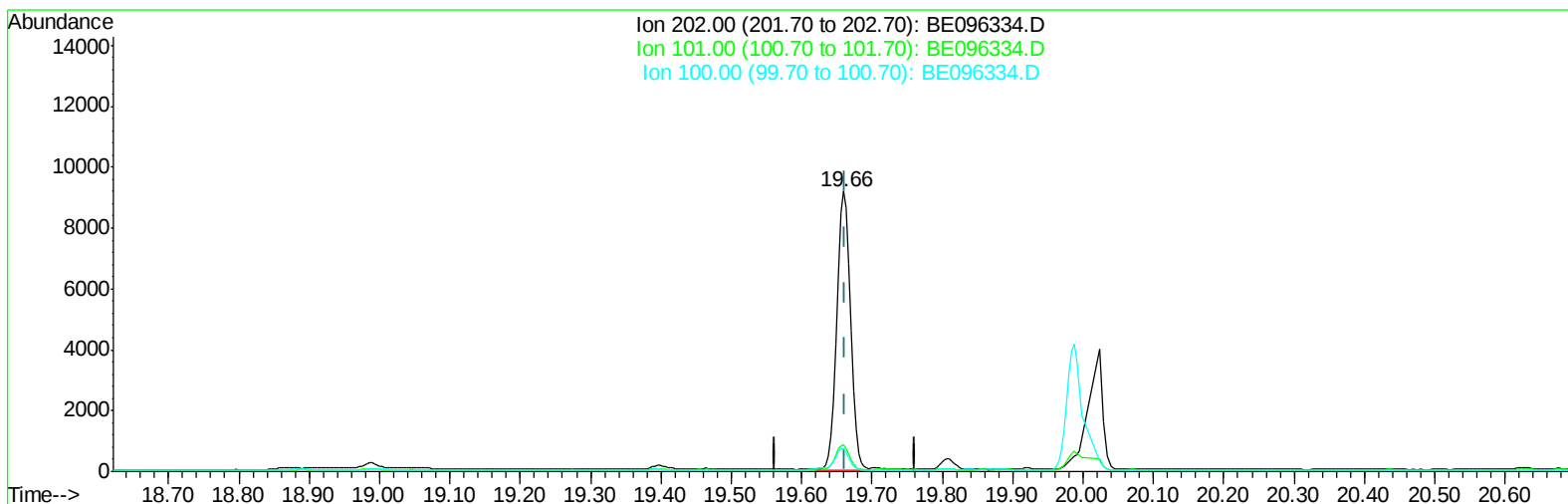
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:41:32 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(15) Fluoranthene (C)

19.660min (-0.003) 0.61ng/ul m

response 12185

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	9.36
100.00	19.50	8.22
0.00	0.00	0.00

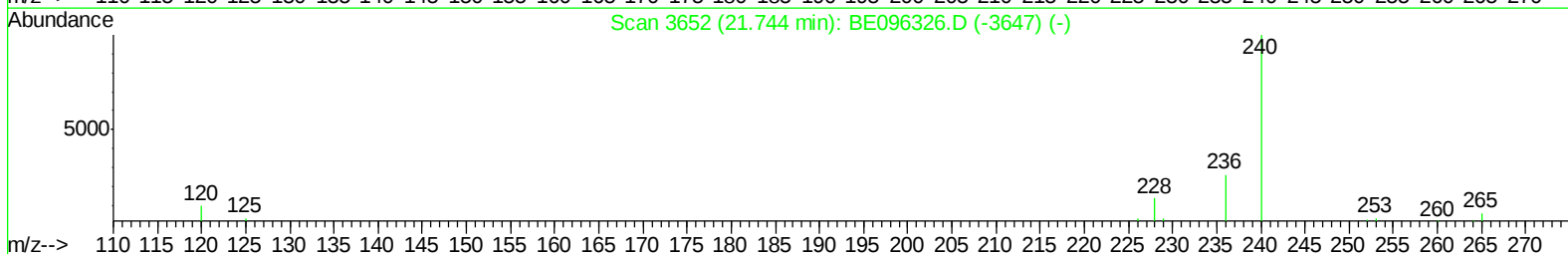
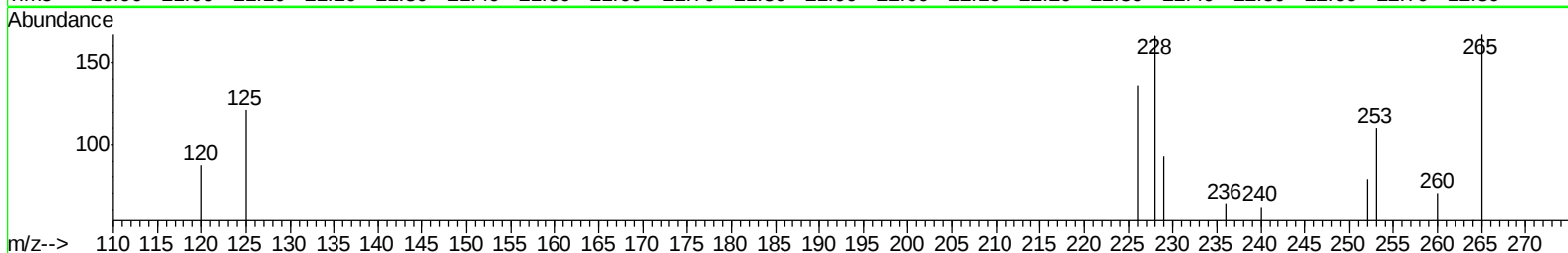
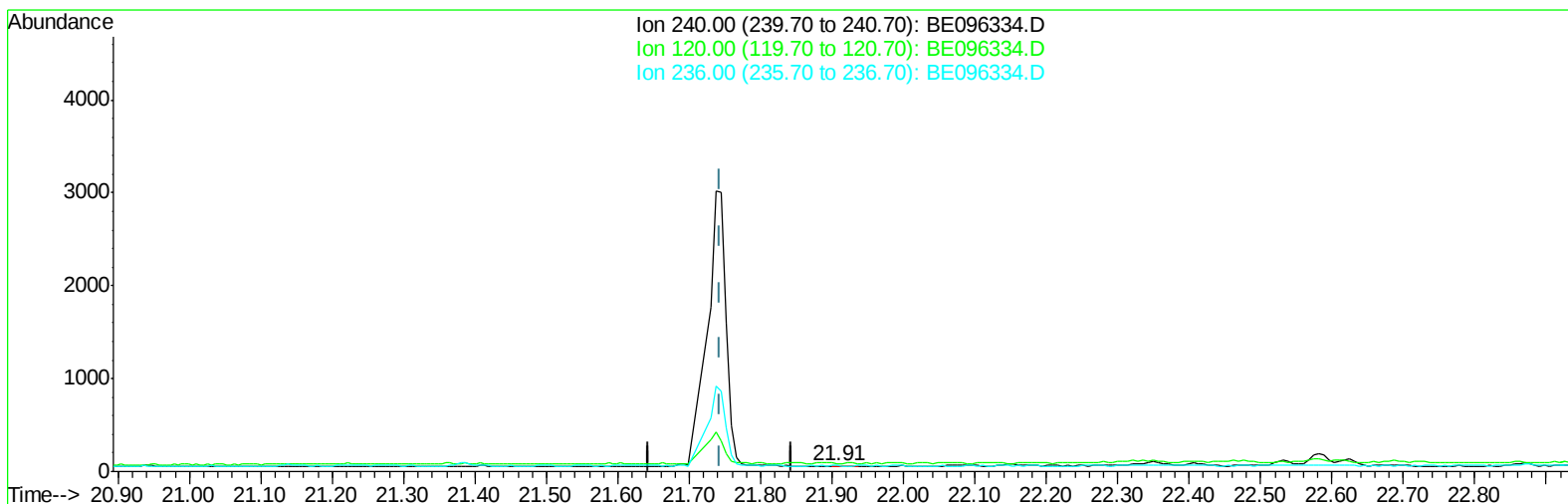
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:41:32 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(16) Chrysene-d12 (I)

21.907min (+0.162) 0.40ng/ul

response 5

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	140.32#
236.00	34.90	103.23#
0.00	0.00	0.00

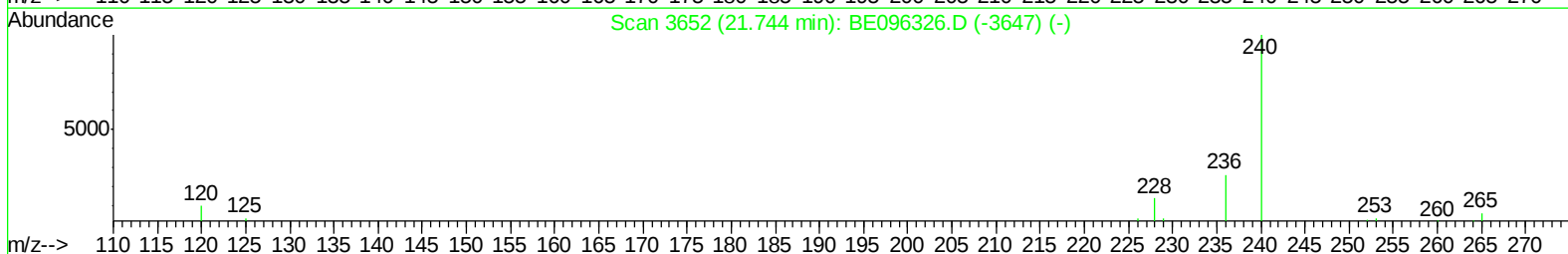
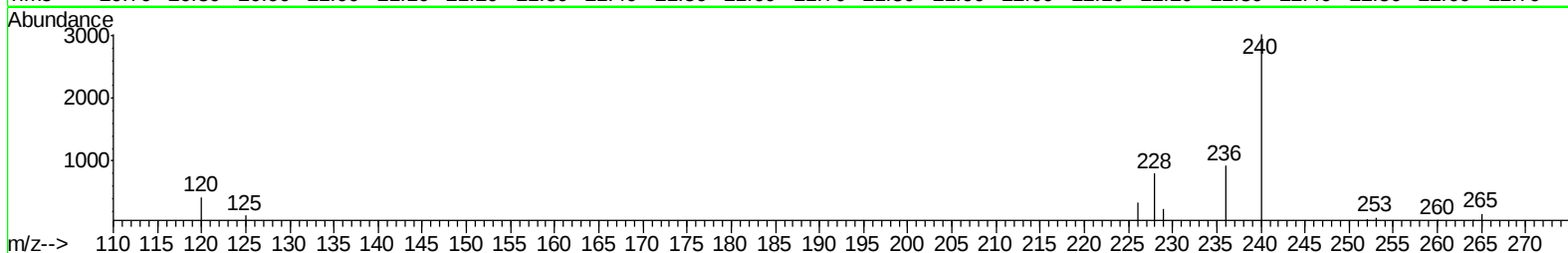
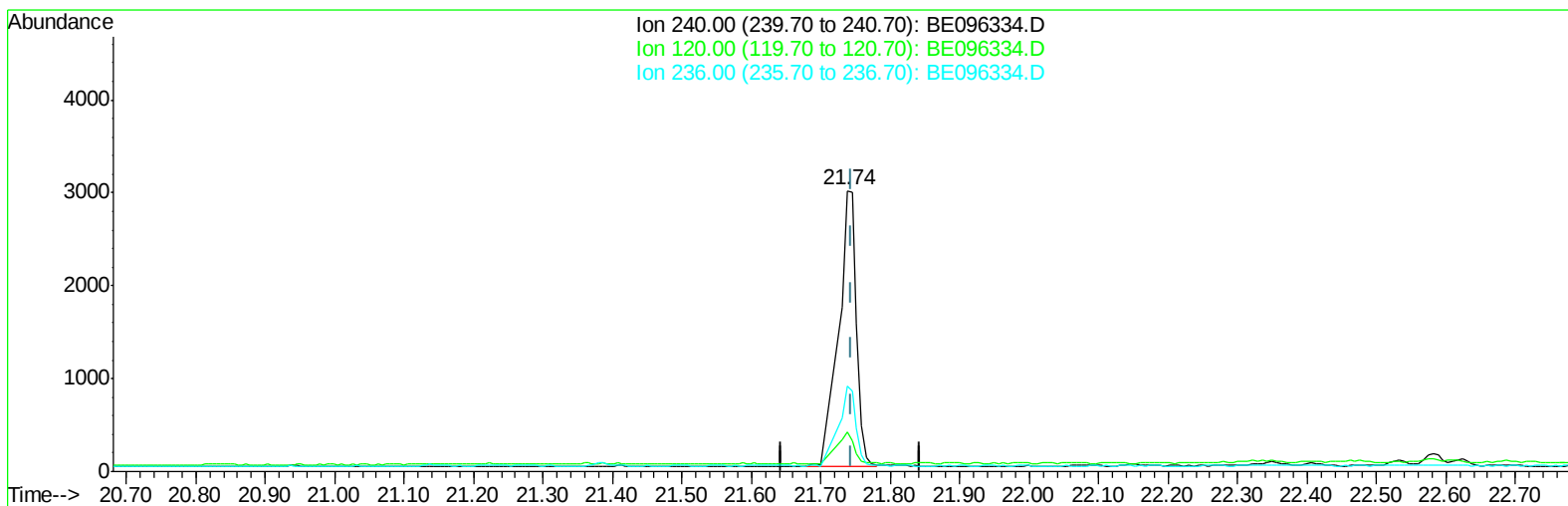
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:41:32 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(16) Chrysene-d12 (I)

21.738min (-0.007) 0.40ng/ul m

response 5012

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	14.01#
236.00	34.90	30.64
0.00	0.00	0.00

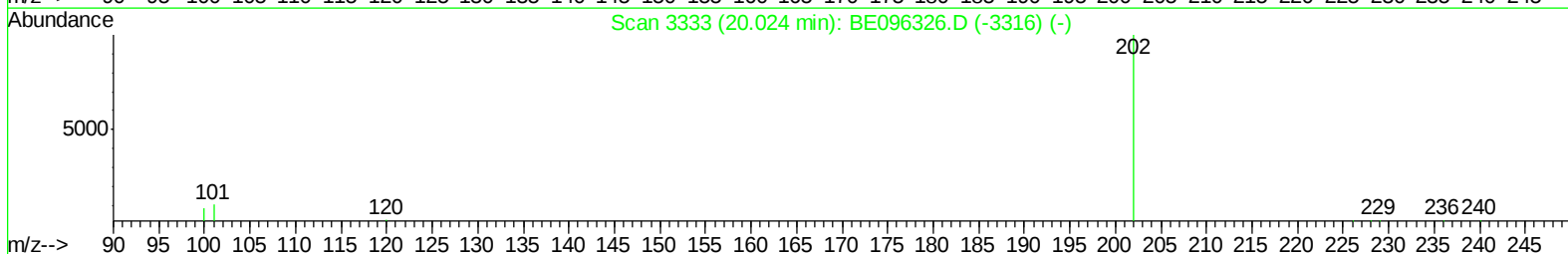
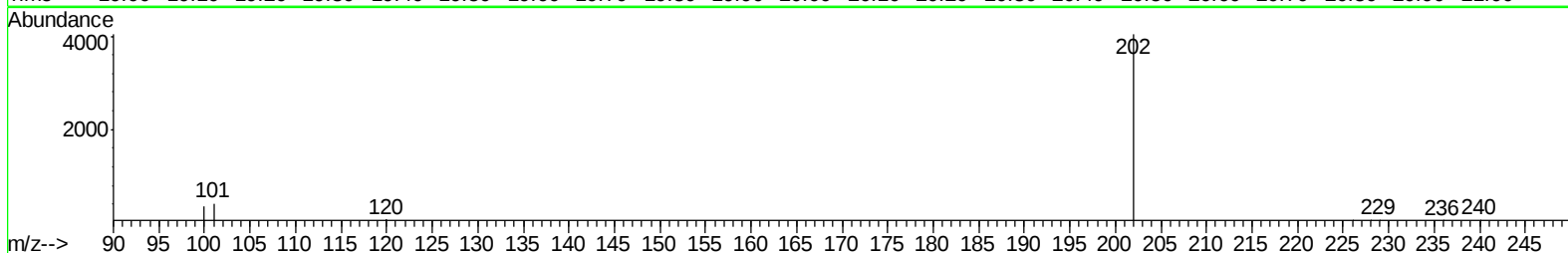
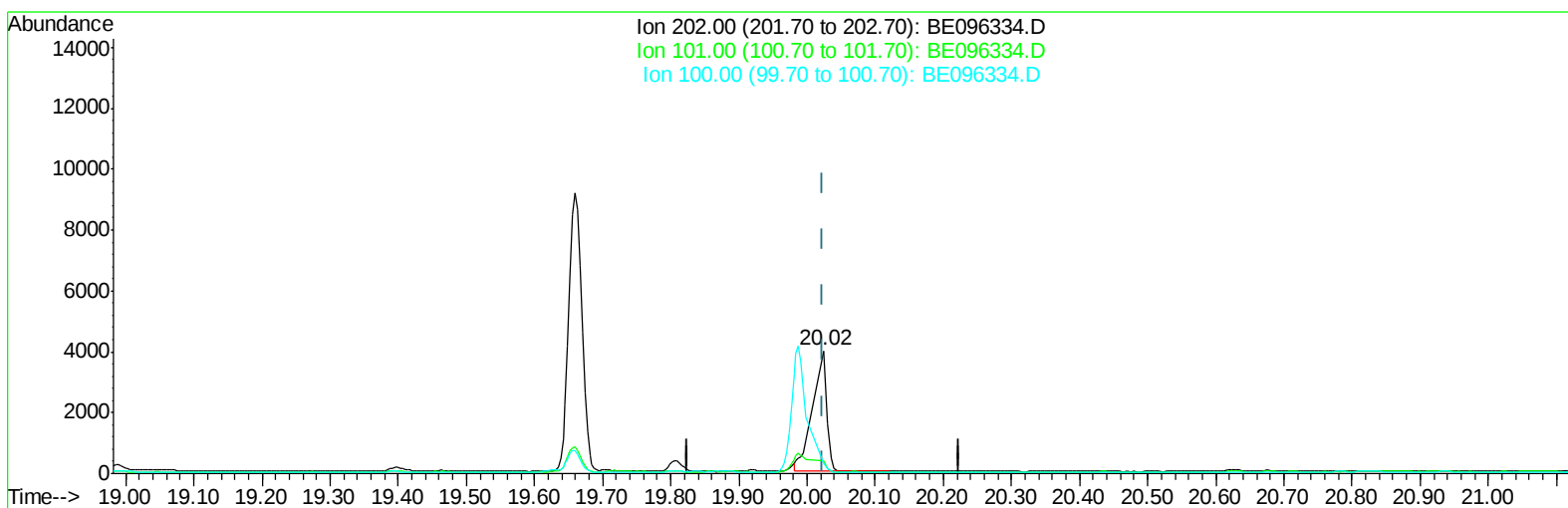
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:43:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(17) Pyrene

20.024min (+0.000) 0.56ng/ul

response 3183

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	10.32#
100.00	19.50	8.63#
0.00	0.00	0.00

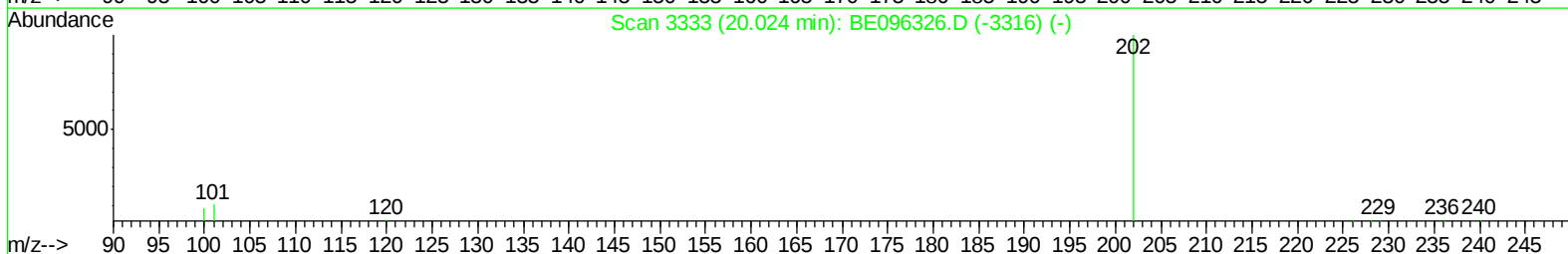
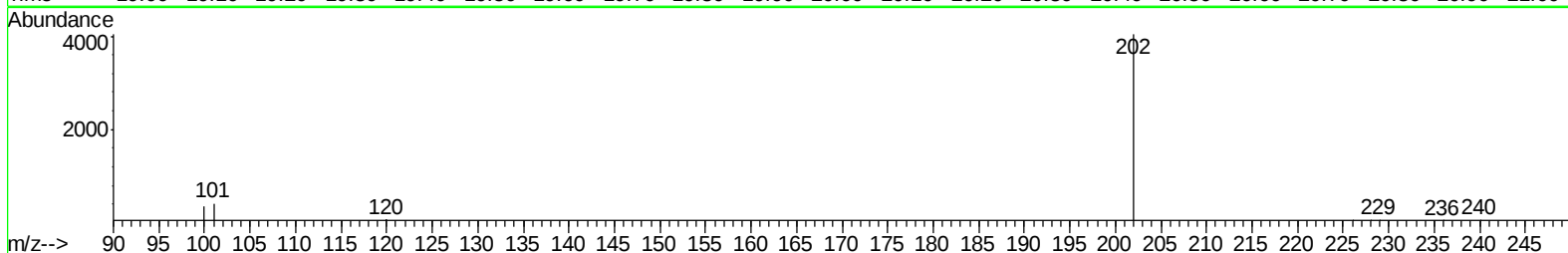
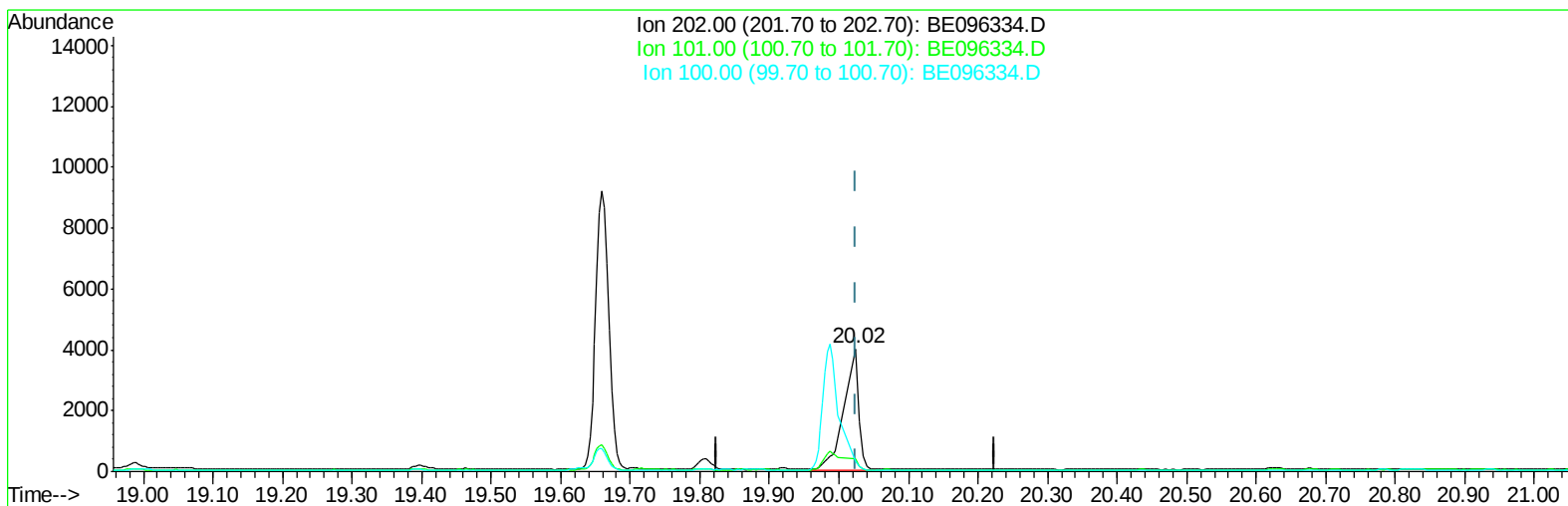
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:43:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(17) Pyrene

20.024min (+0.000) 0.56ng/ul m

response 3159

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	10.32#
100.00	19.50	8.63#
0.00	0.00	0.00

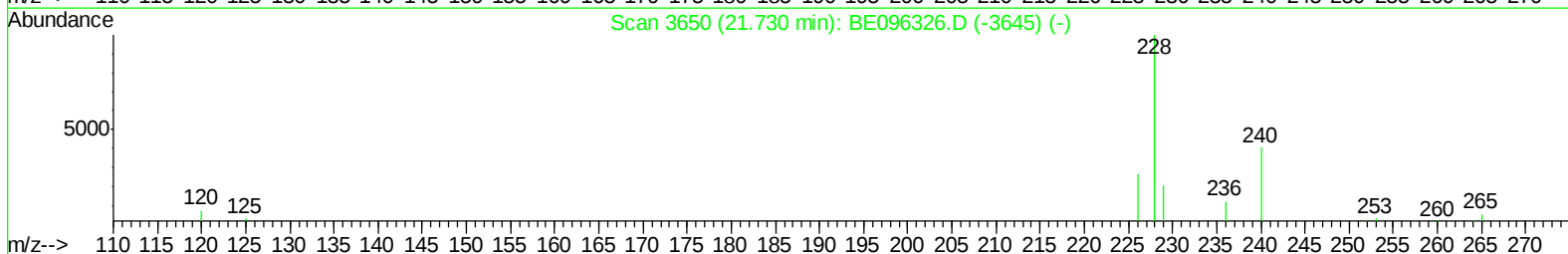
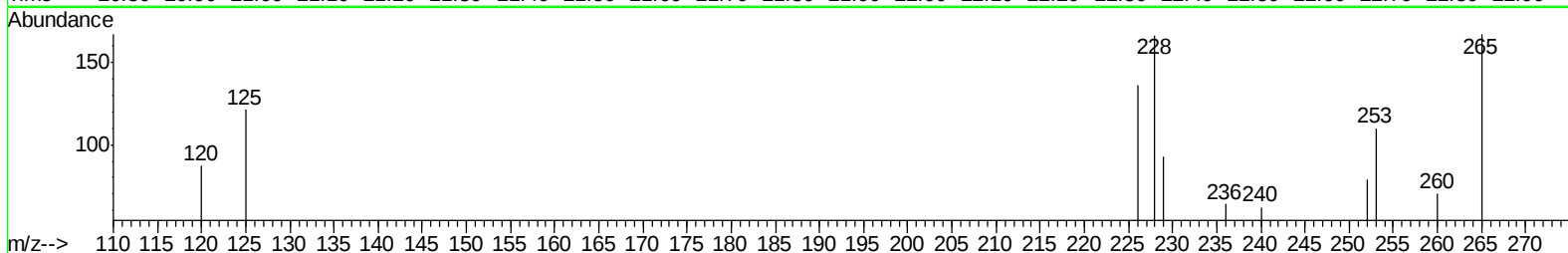
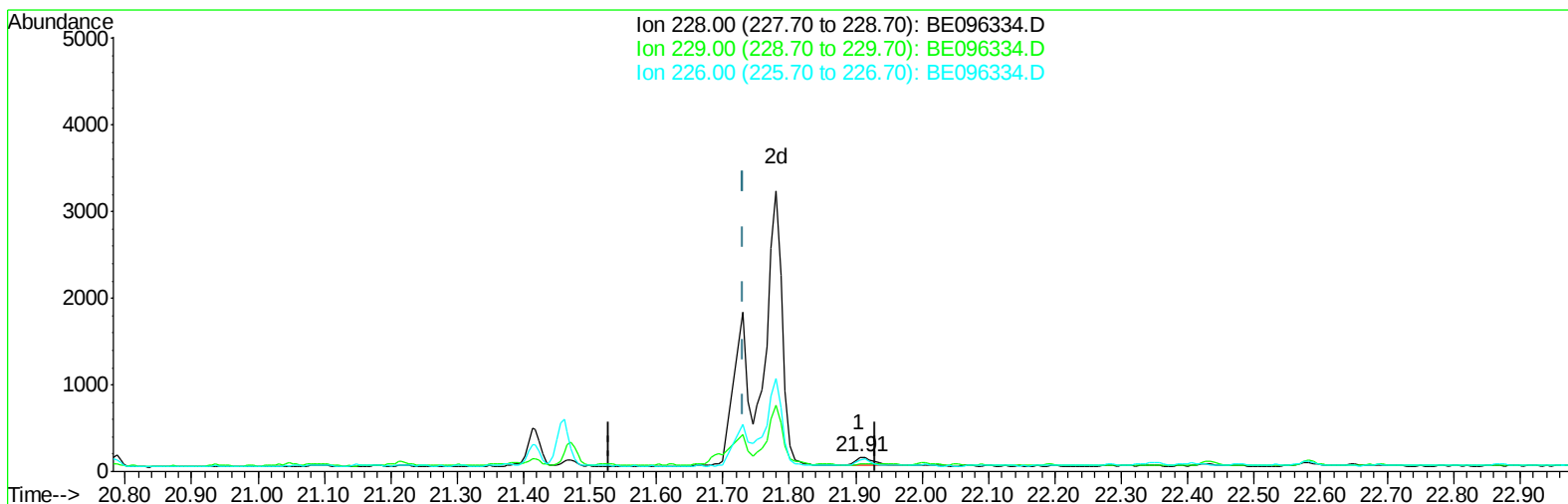
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:43:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(18) Benzo(a)anthracene
21.907min (+0.176) 0.02ng/ul
response 191

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	56.02#
226.00	21.30	81.93#
0.00	0.00	0.00

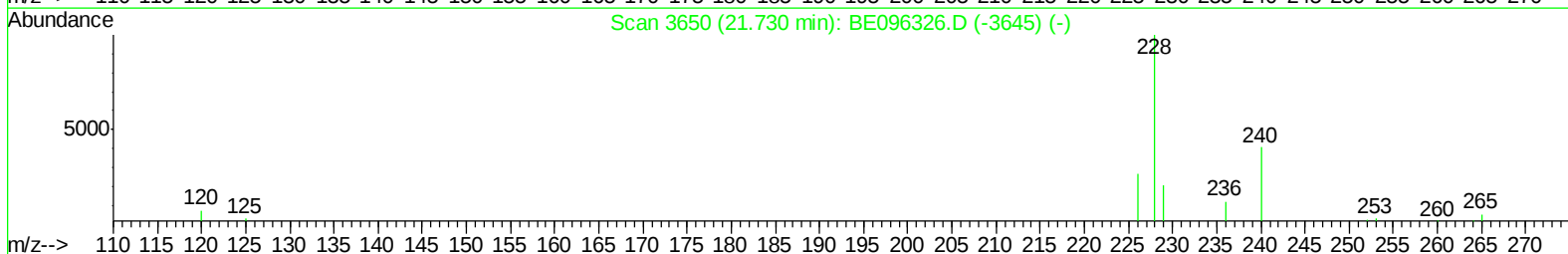
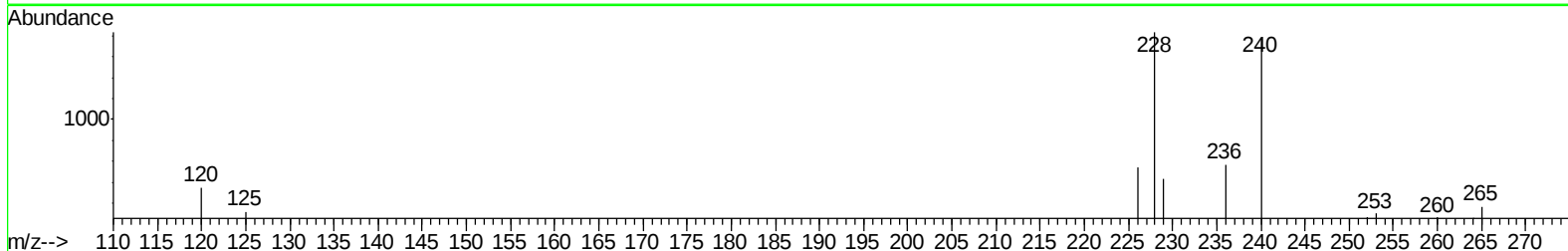
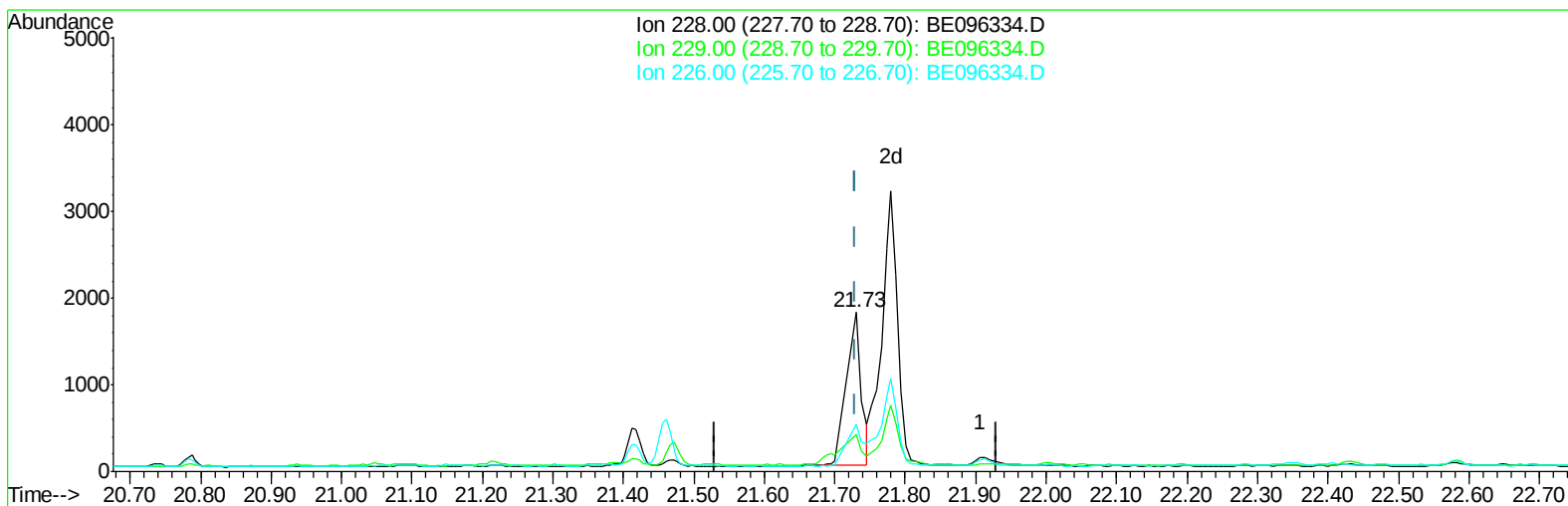
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:43:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(18) Benzo(a)anthracene

21.731min (+0.000) 0.23ng/ul m

response 1767

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	23.43
226.00	21.30	29.81#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

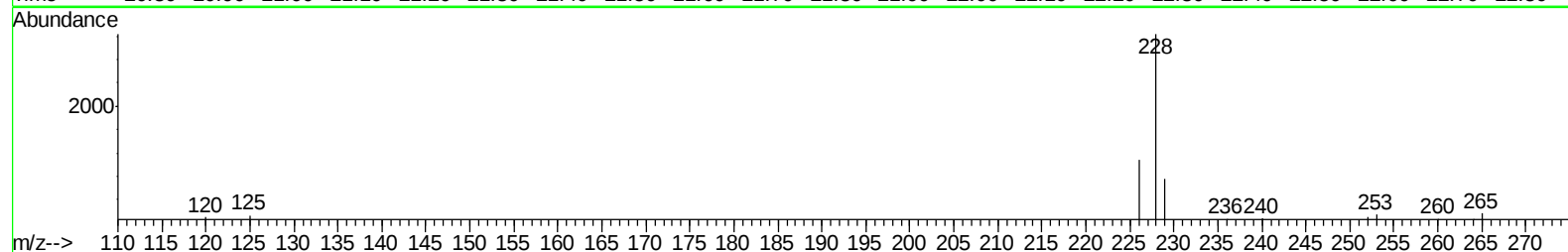
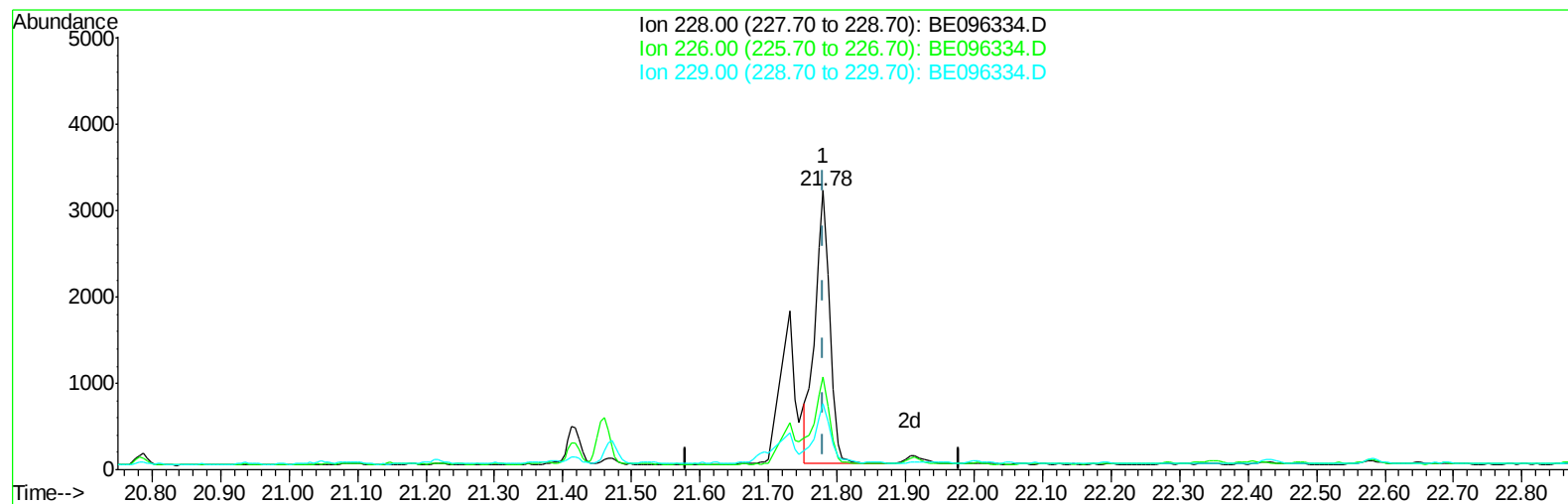
Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

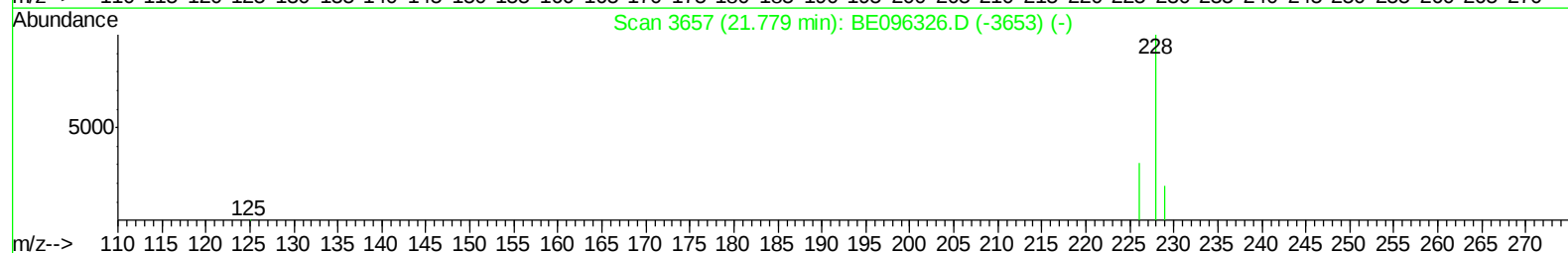
Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:43:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration

Ion 228.00 (227.70 to 228.70): BE096334.D
Ion 226.00 (225.70 to 226.70): BE096334.D
Ion 229.00 (228.70 to 229.70): BE096334.D



Scan 3657 (21.779 min): BE096326.D (-3653) (-)



TIC: BE096334.D

(19) Chrysene

21.780min (+0.000) 0.32ng/ul

response 4814

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	33.08
229.00	22.10	23.50
0.00	0.00	0.00

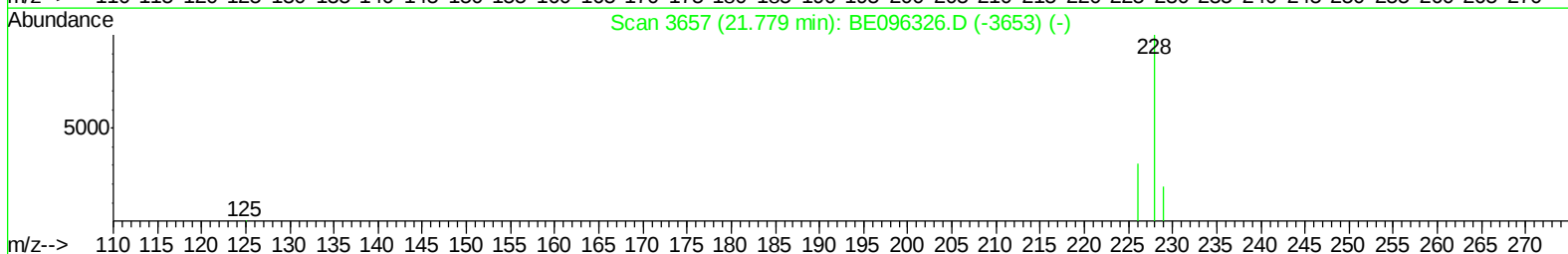
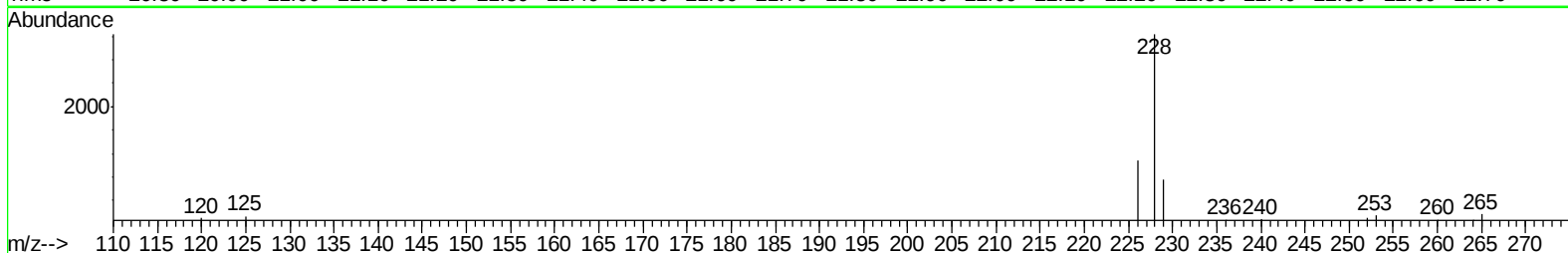
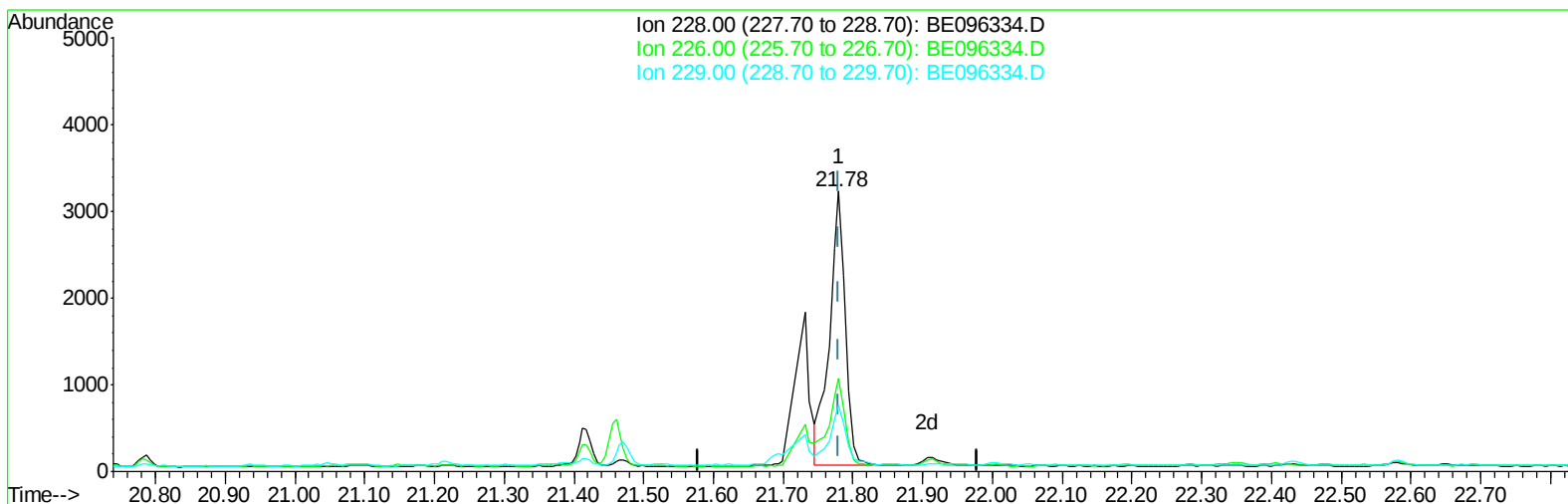
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:43:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(19) Chrysene

21.780min (+0.000) 0.34ng/ul m

response 5094

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	33.08
229.00	22.10	23.50
0.00	0.00	0.00

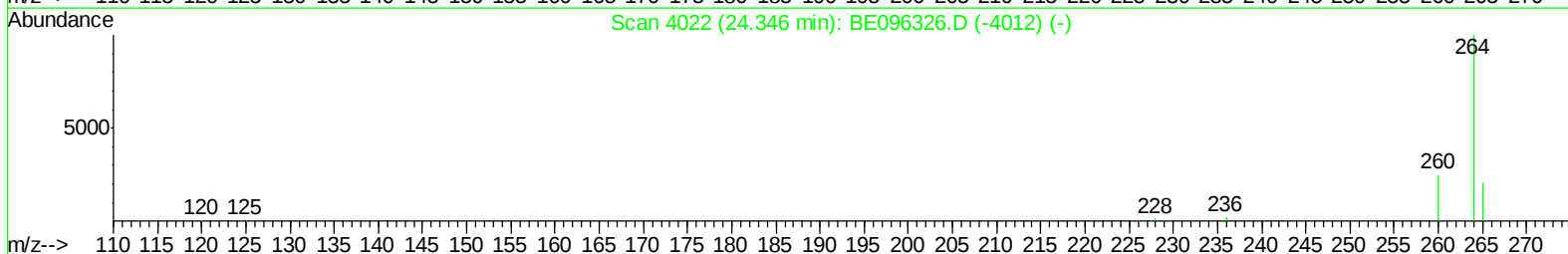
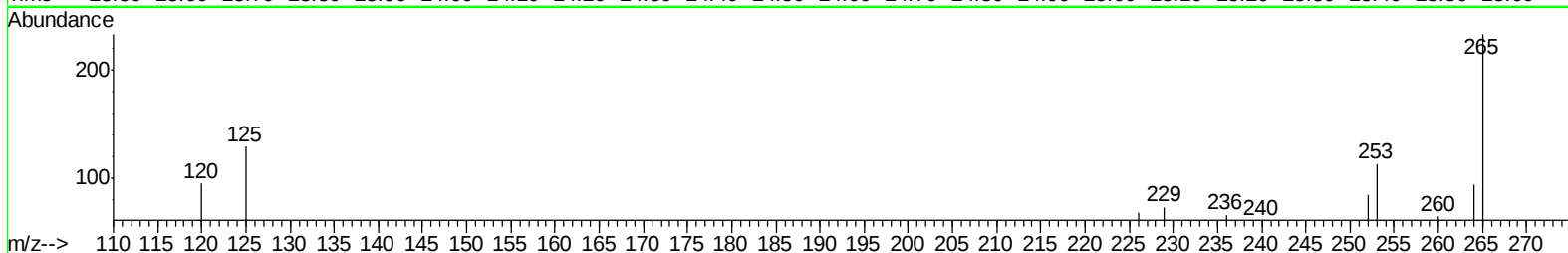
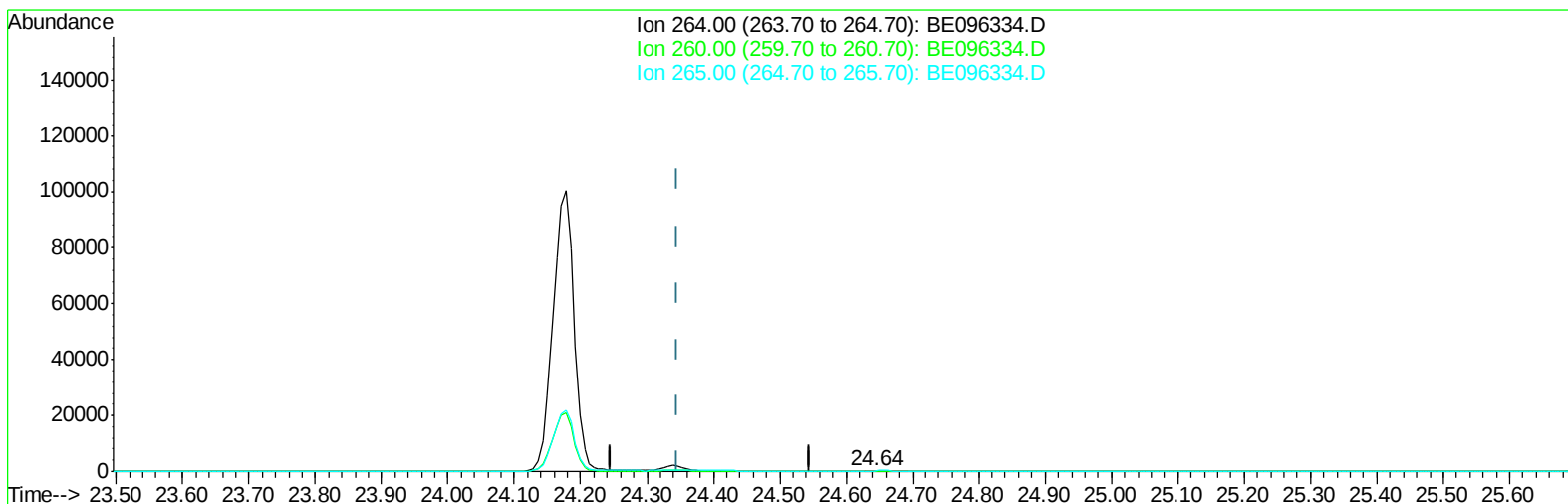
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:43:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(20) Perylene-d12 (I)

24.642min (+0.296) 0.40ng/ul

response 25

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	68.09#
265.00	103.50	247.87#
0.00	0.00	0.00

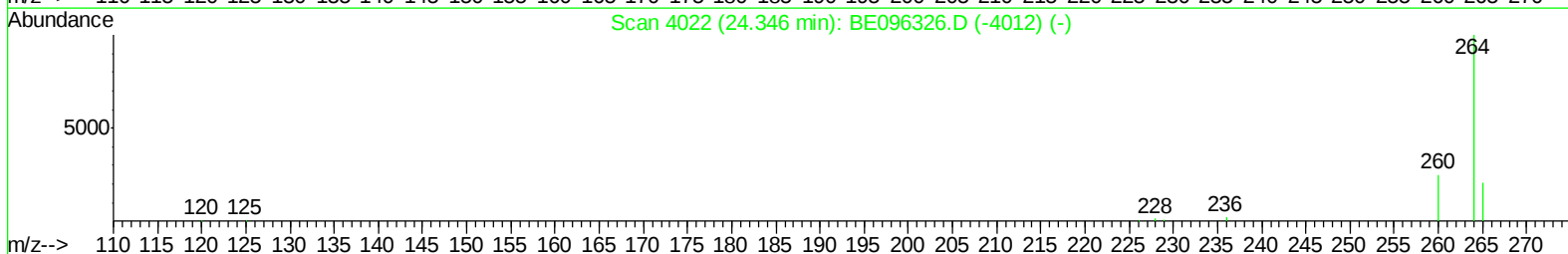
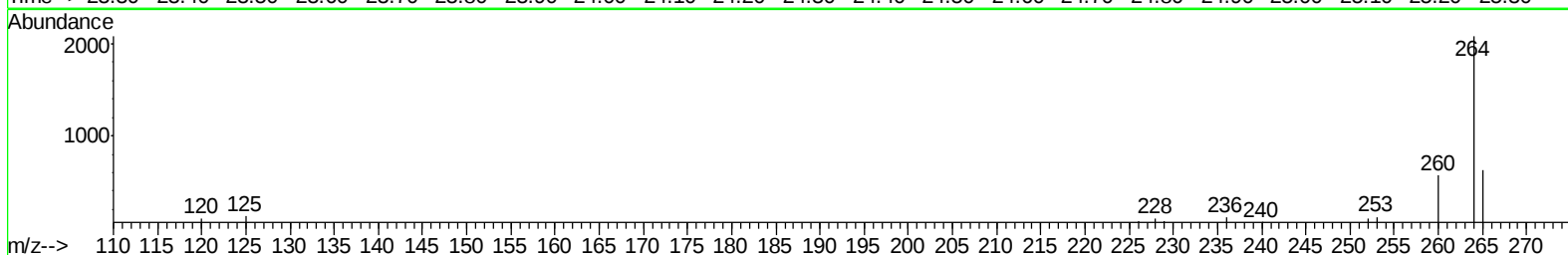
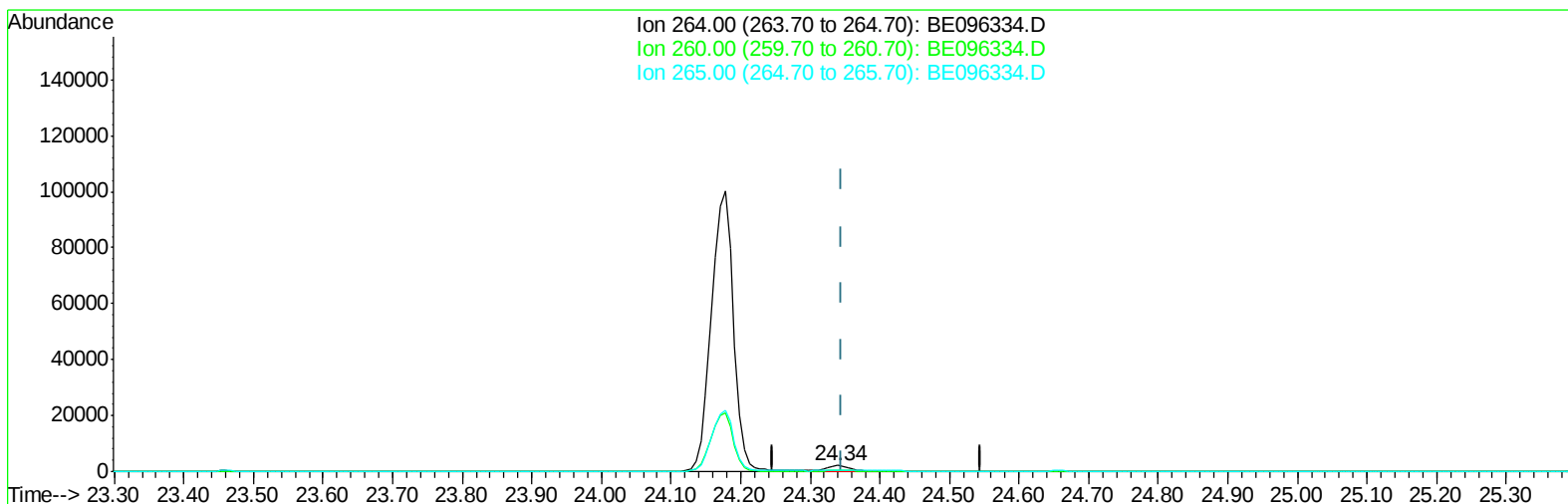
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:43:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(20) Perylene-d12 (I)

24.339min (-0.007) 0.40ng/ul m

response 4115

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.40
265.00	103.50	30.05#
0.00	0.00	0.00

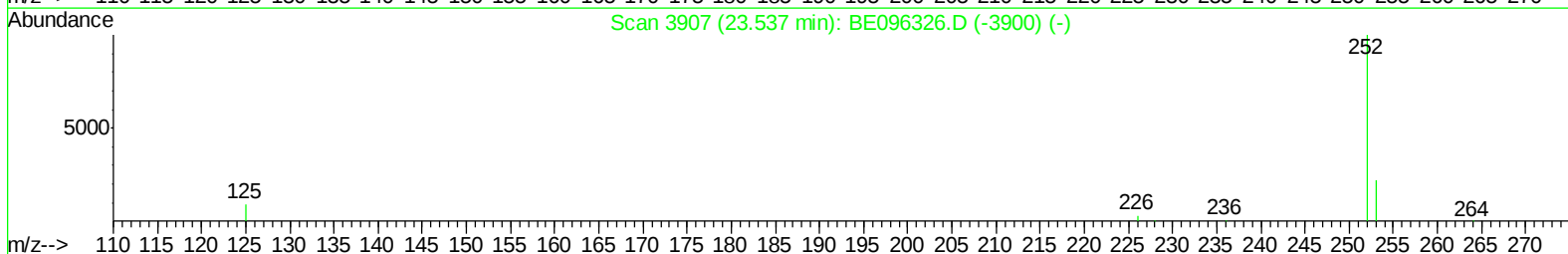
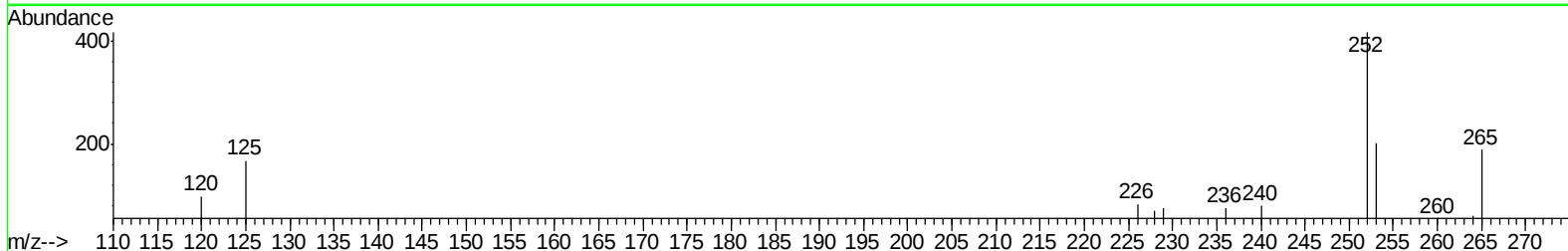
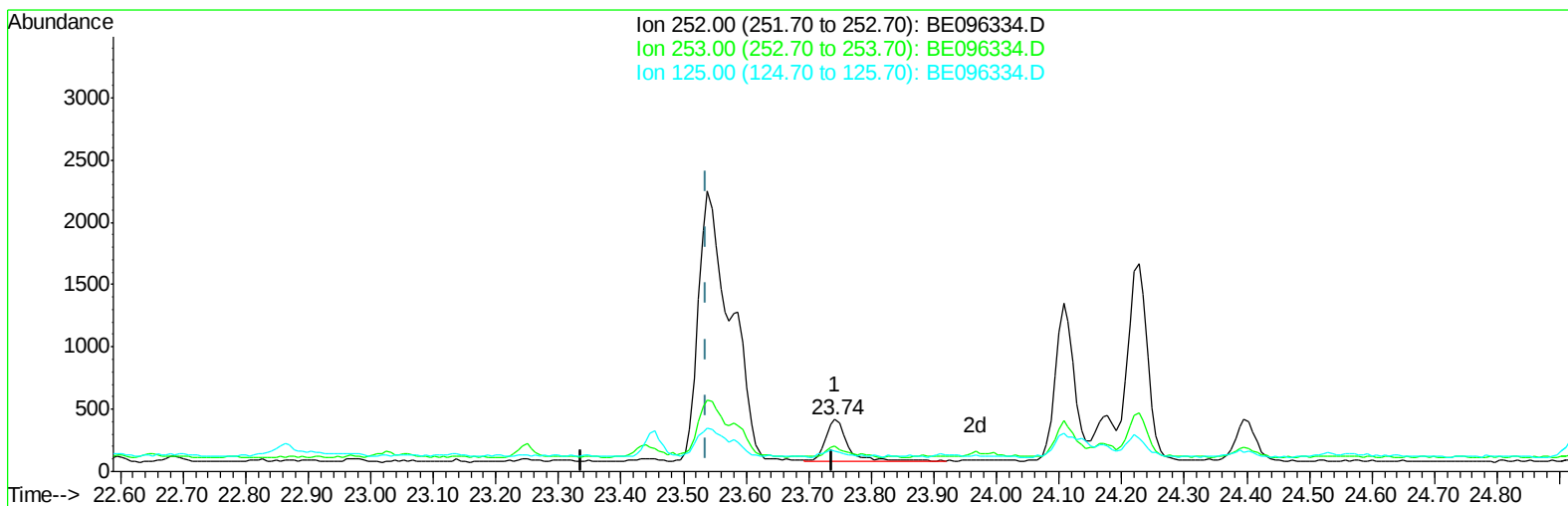
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:45:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(21) Benzo(b)fluoranthene

23.742min (+0.204) 0.06ng/ul

response 860

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	48.32
125.00	17.50	40.14#
0.00	0.00	0.00

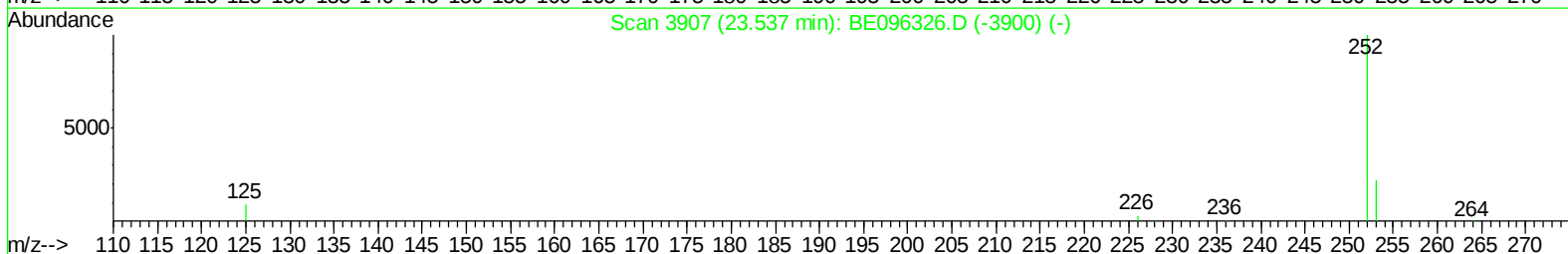
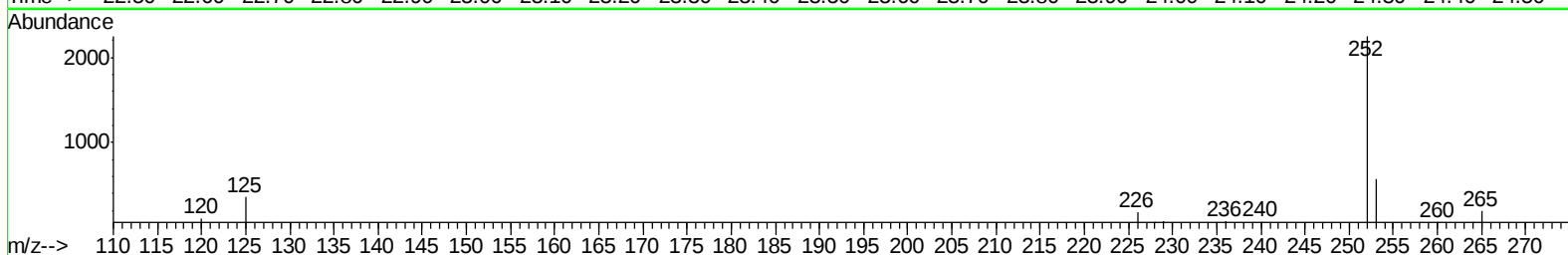
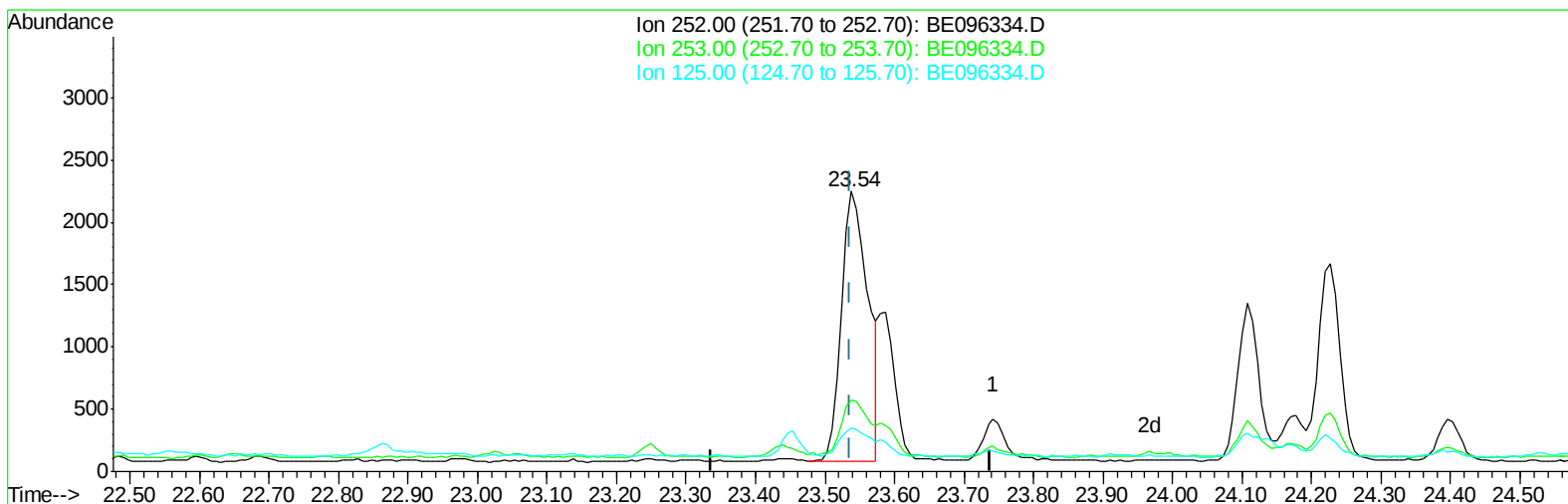
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:45:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(21) Benzo(b)fluoranthene

23.538min (+0.000) 0.41ng/ul m

response 5833

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.42
125.00	17.50	15.64
0.00	0.00	0.00

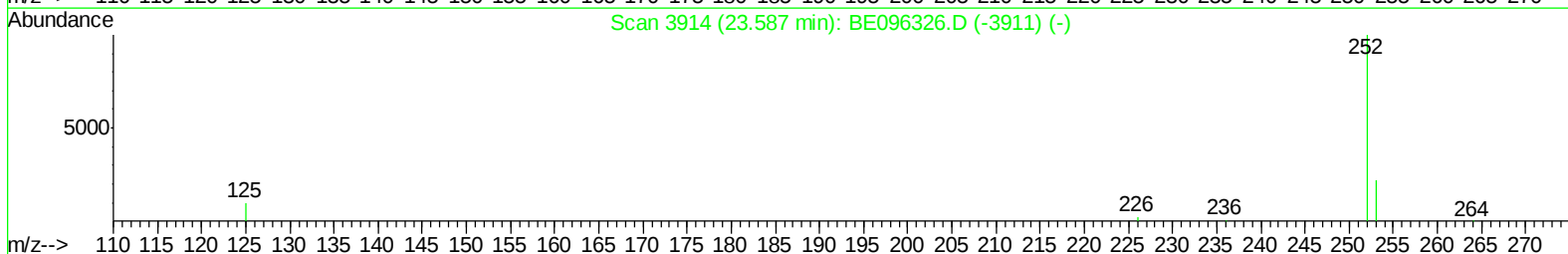
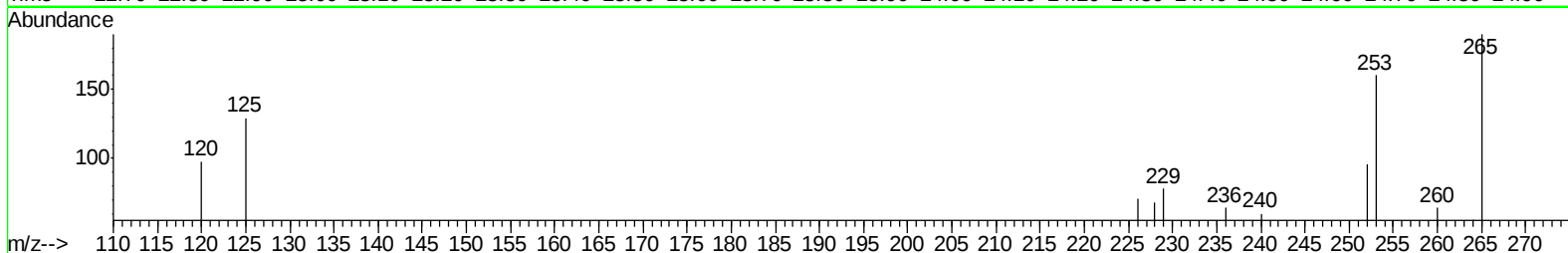
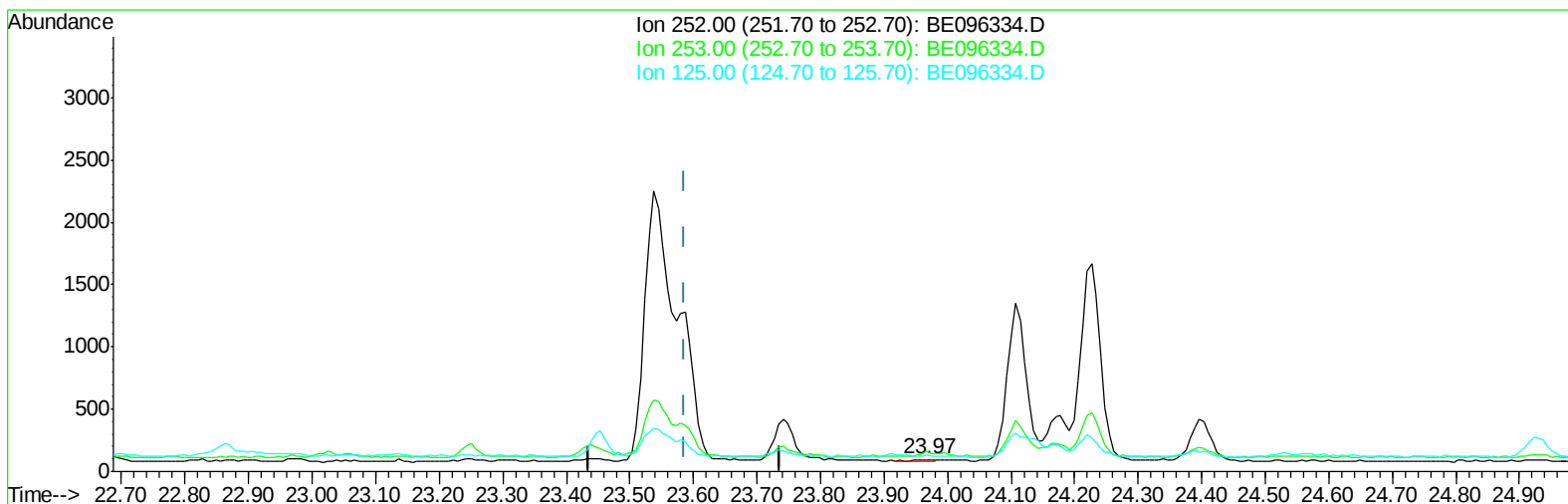
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:45:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(22) Benzo(k)fluoranthene

23.967min (+0.380) 0.00ng/ul

response 39

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	166.67#
125.00	17.10	134.38#
0.00	0.00	0.00

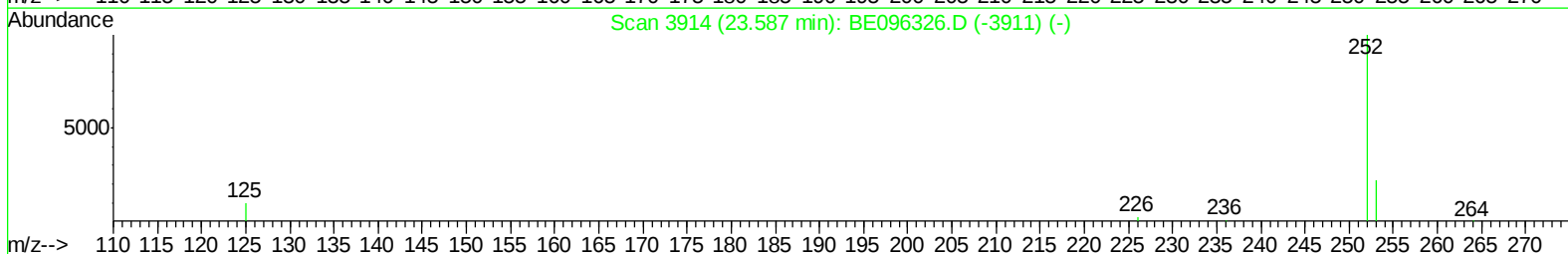
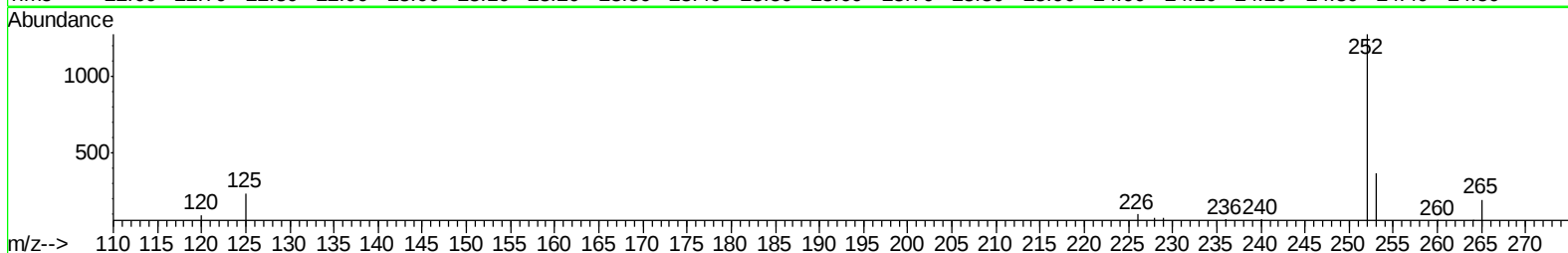
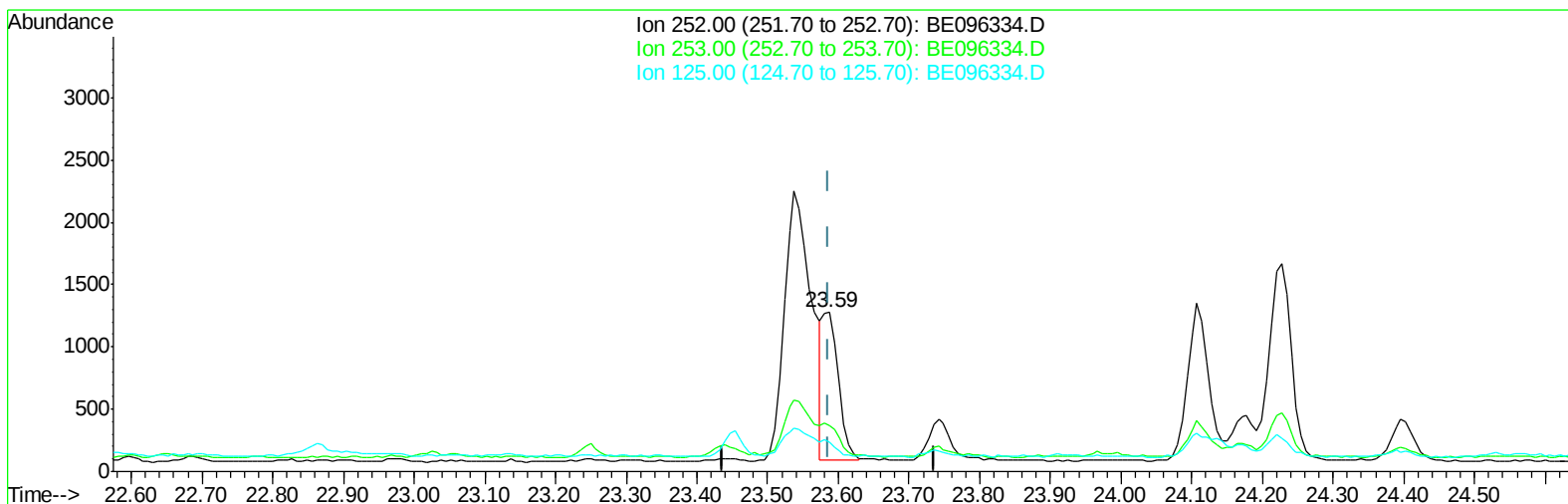
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:45:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(22) Benzo(k)fluoranthene

23.587min (+0.000) 0.14ng/ul m

response 1854

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.79
125.00	17.10	18.47
0.00	0.00	0.00

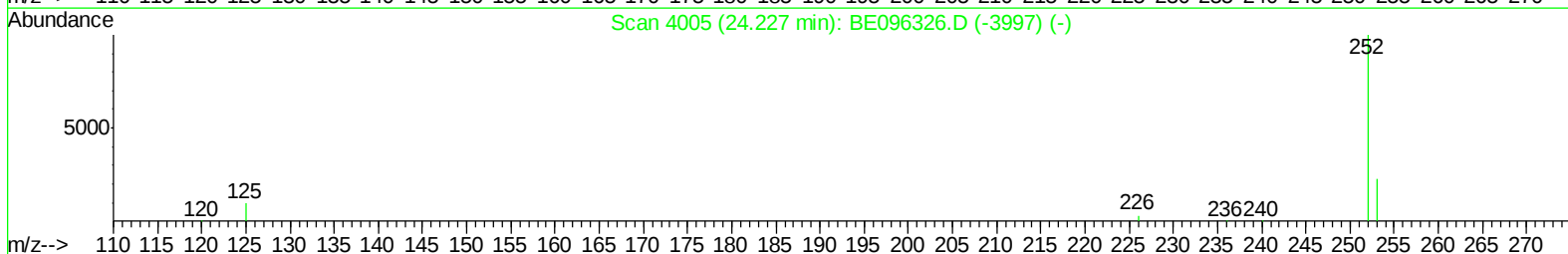
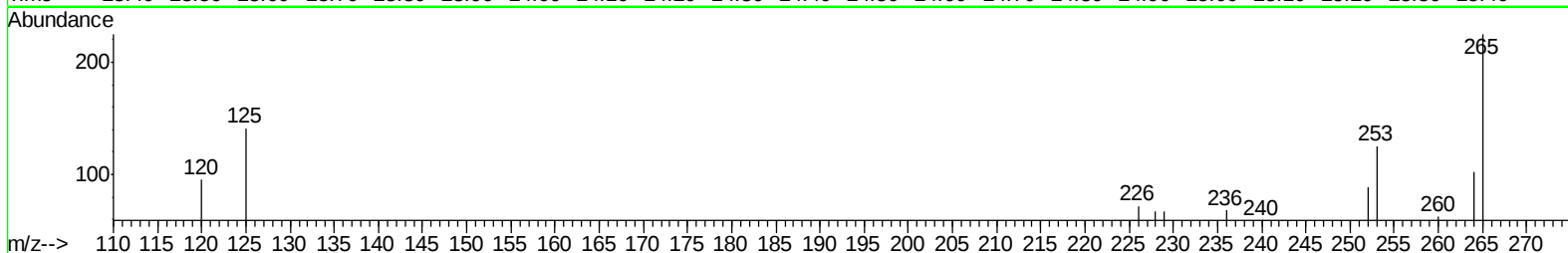
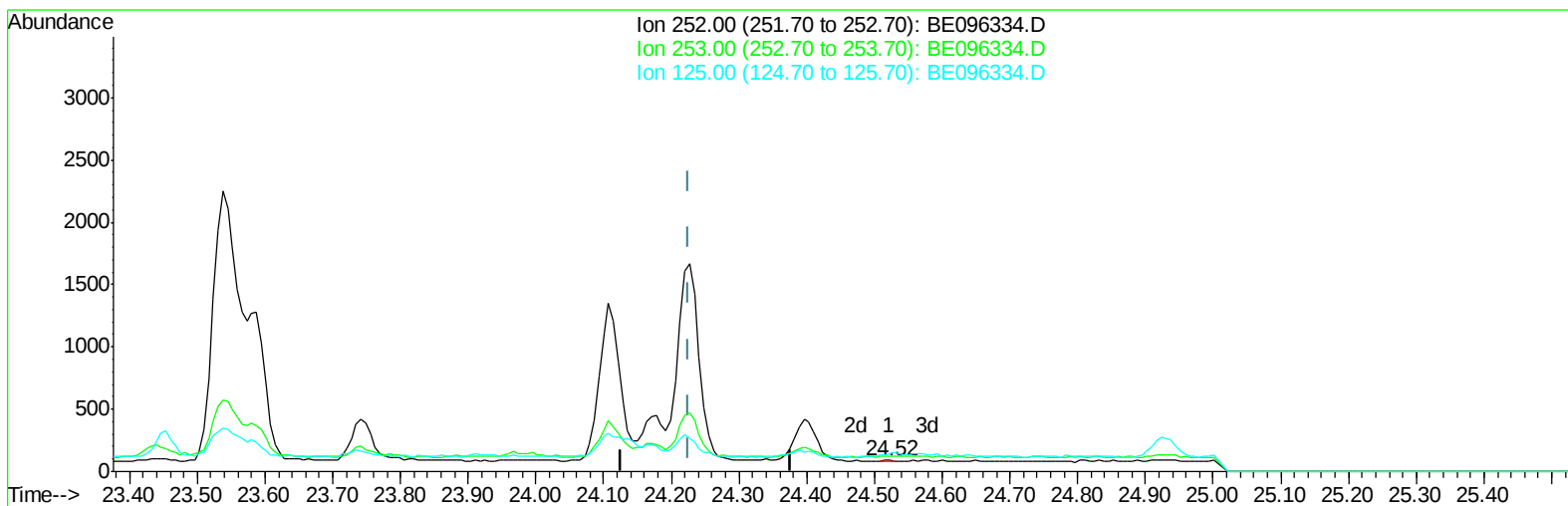
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:45:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(23) Benzo(a)pyrene (C)

24.522min (+0.296) 0.00ng/ul

response 8

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	140.45#
125.00	22.60	158.43#
0.00	0.00	0.00

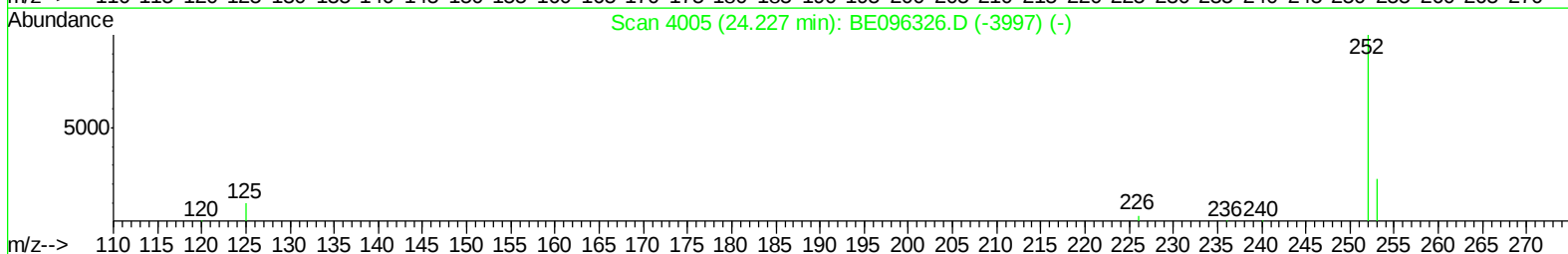
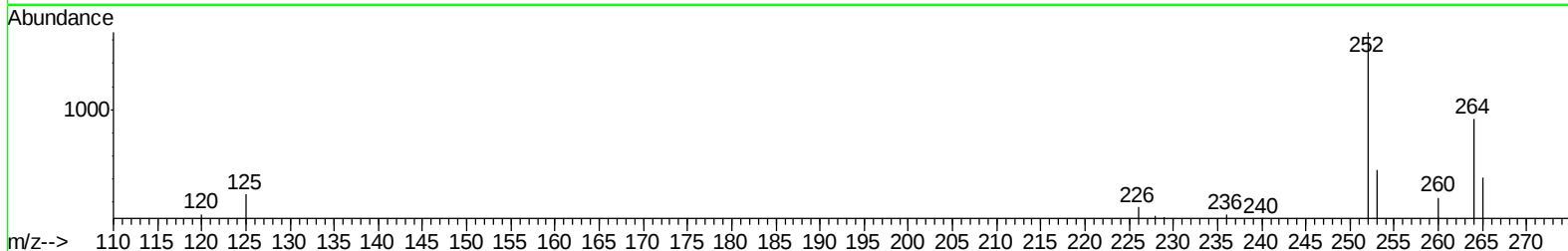
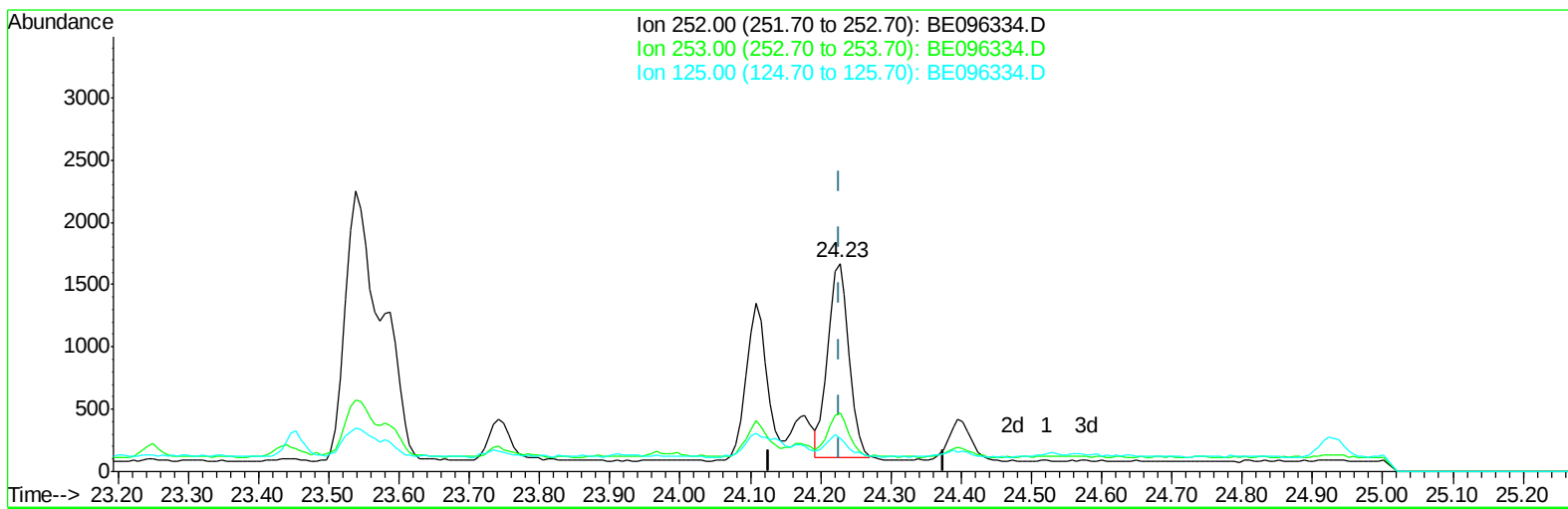
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:45:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(23) Benzo(a)pyrene (C)

24.227min (+0.000) 0.25ng/ul m

response 3263

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	28.48#
125.00	22.60	16.13#
0.00	0.00	0.00

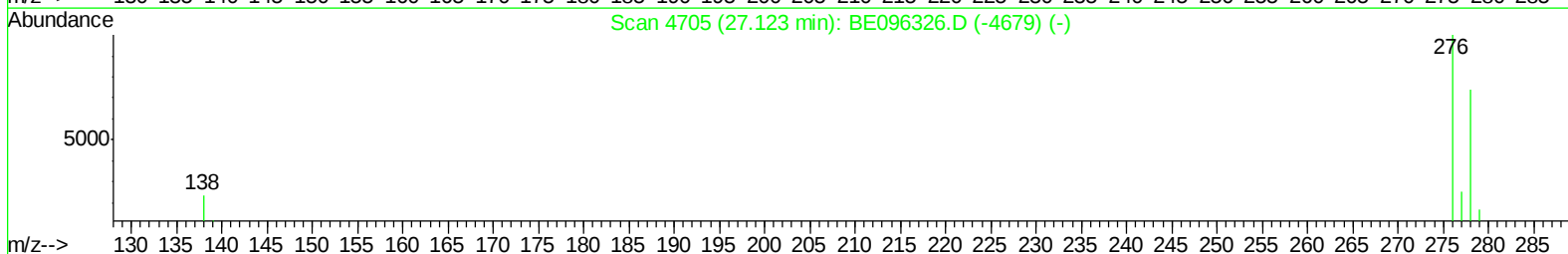
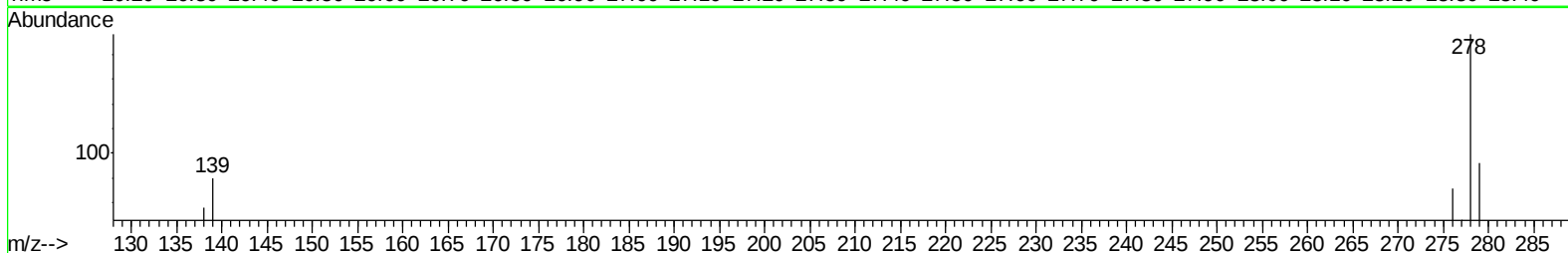
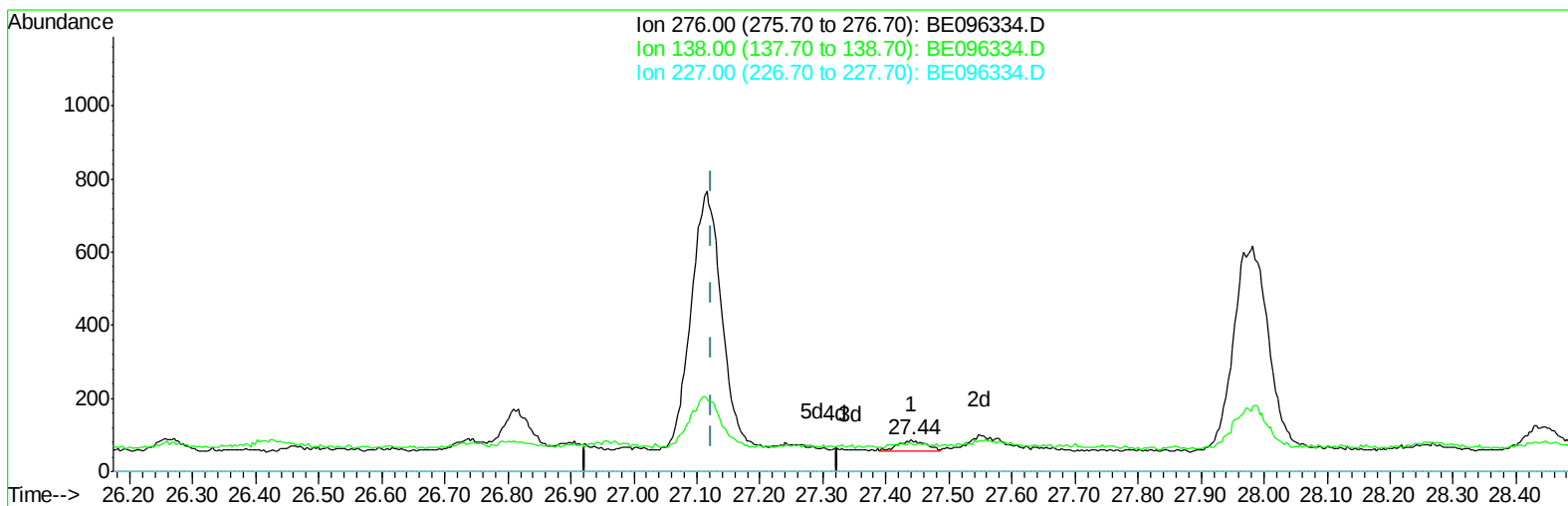
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:45:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

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

27.440min (+0.318) 0.01ng/ul

response 92

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	2.17#
227.00	10.00	0.00#
0.00	0.00	0.00

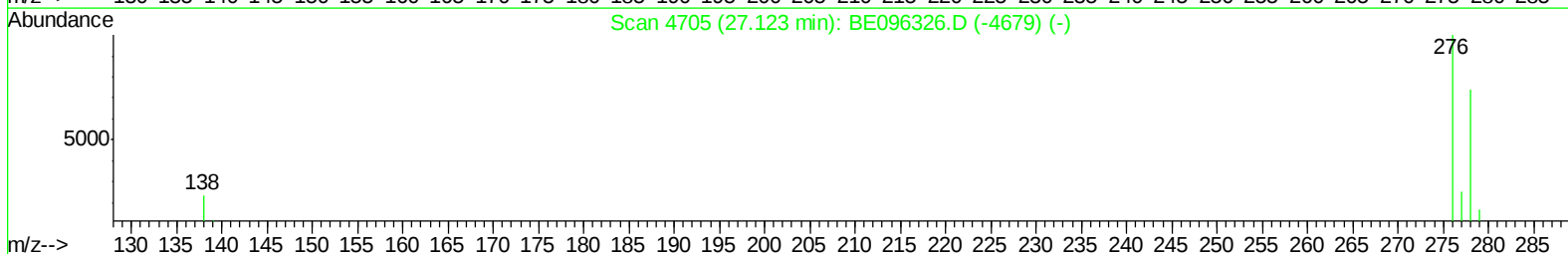
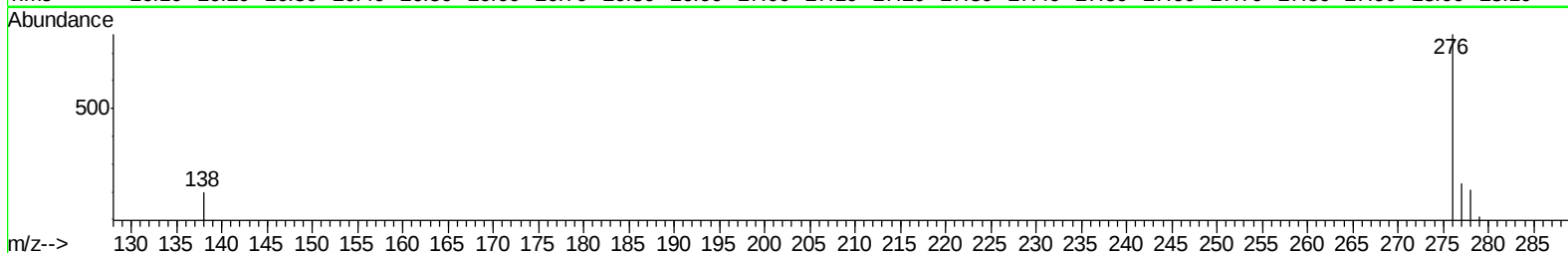
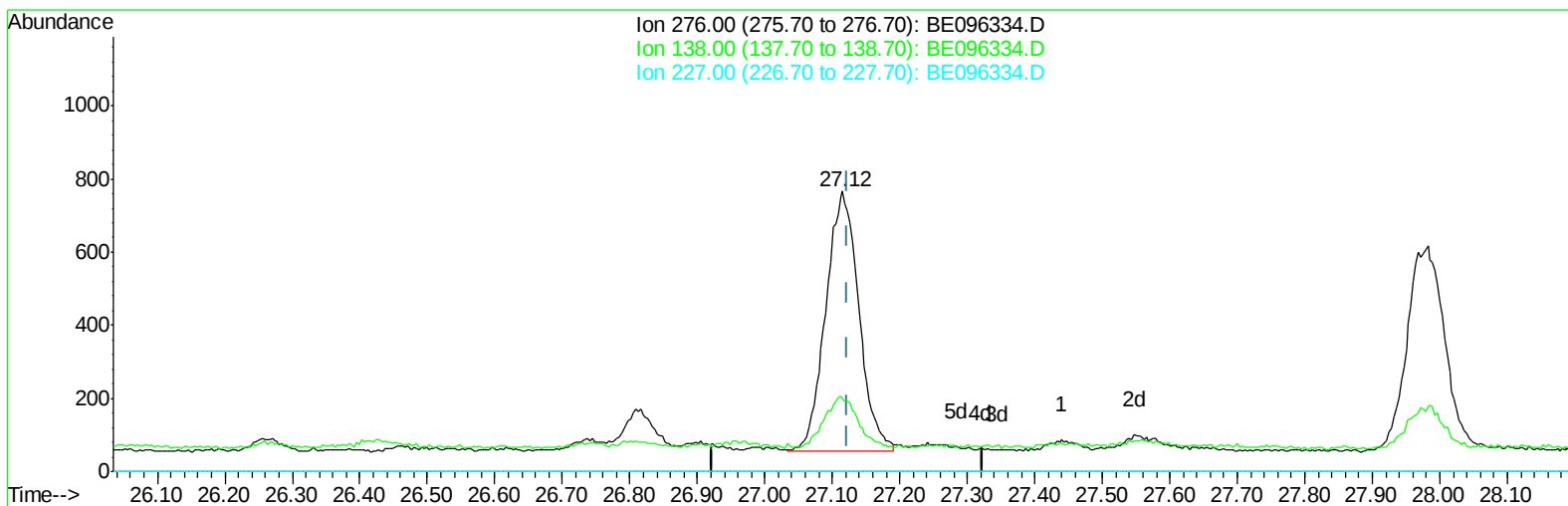
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:45:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

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

27.116min (-0.007) 0.16ng/ul m

response 2404

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.08#
227.00	10.00	0.00#
0.00	0.00	0.00

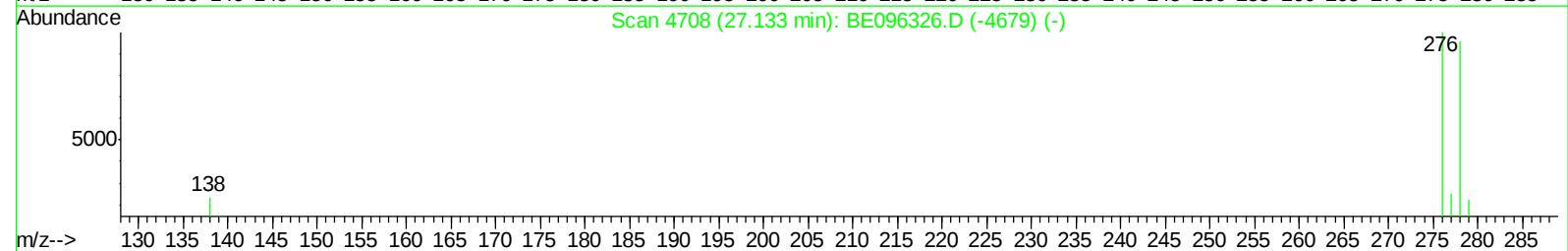
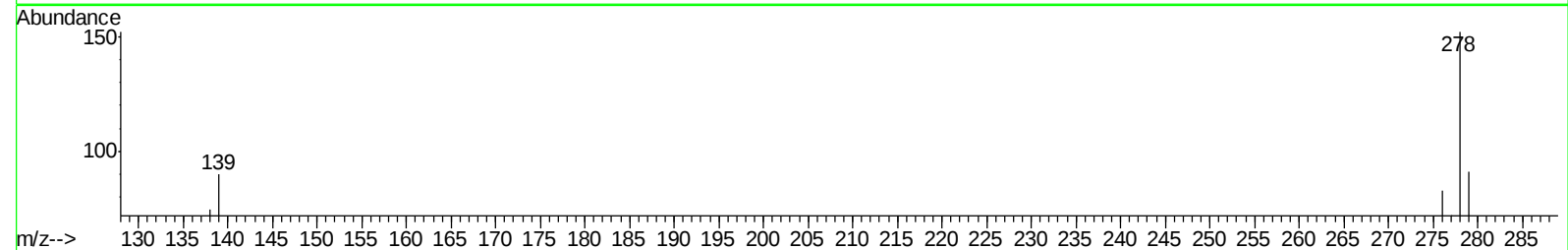
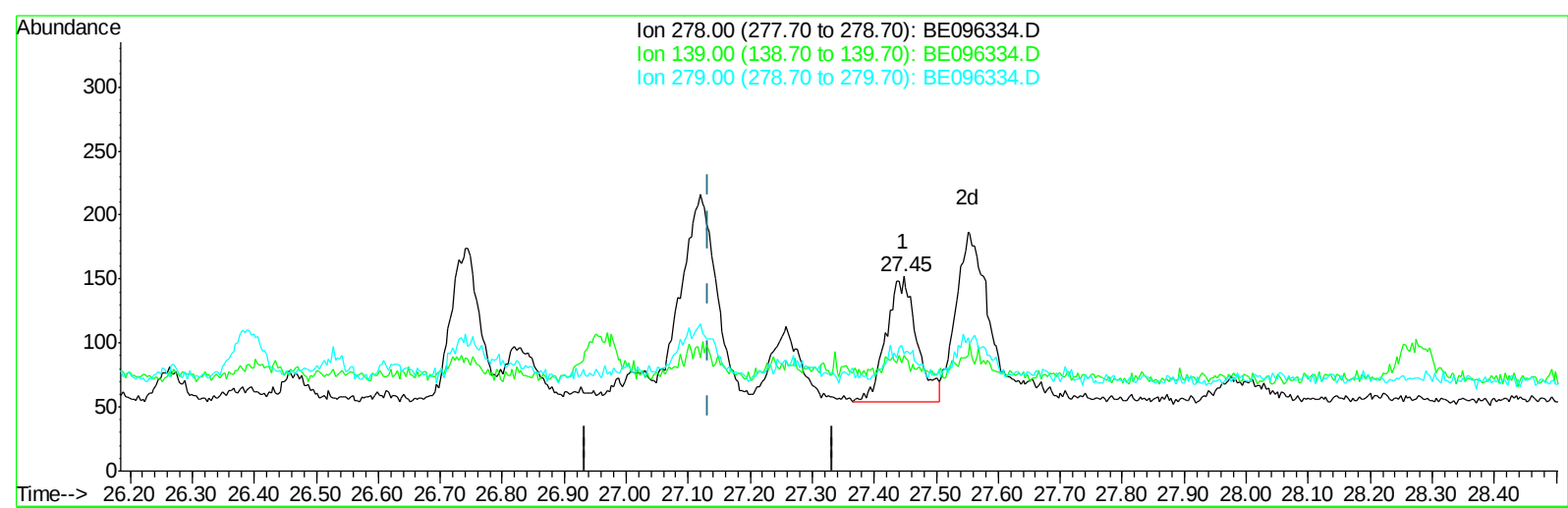
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:45:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(25) Dibenzo(a,h)anthracene

27.447min (+0.314) 0.03ng/ul

response 334

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	59.21#
279.00	32.40	59.87#
0.00	0.00	0.00

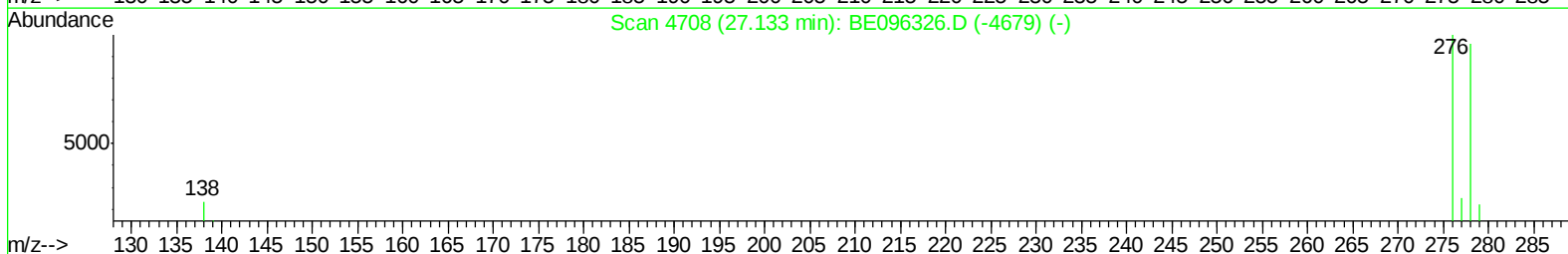
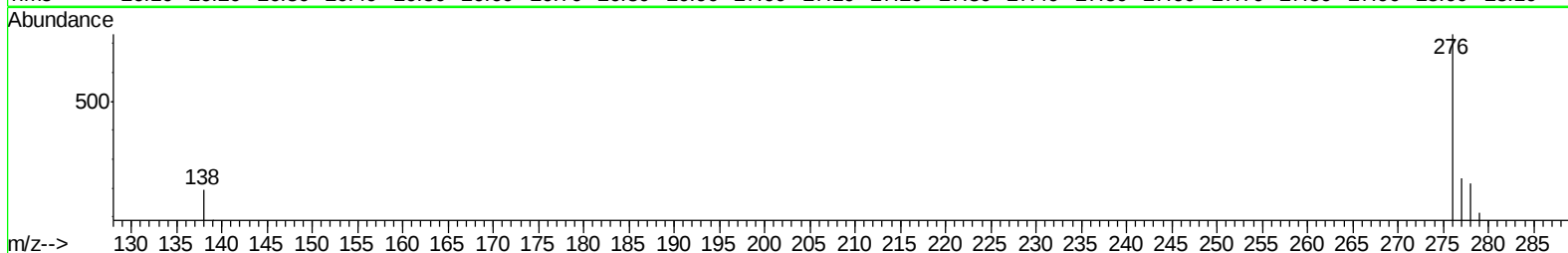
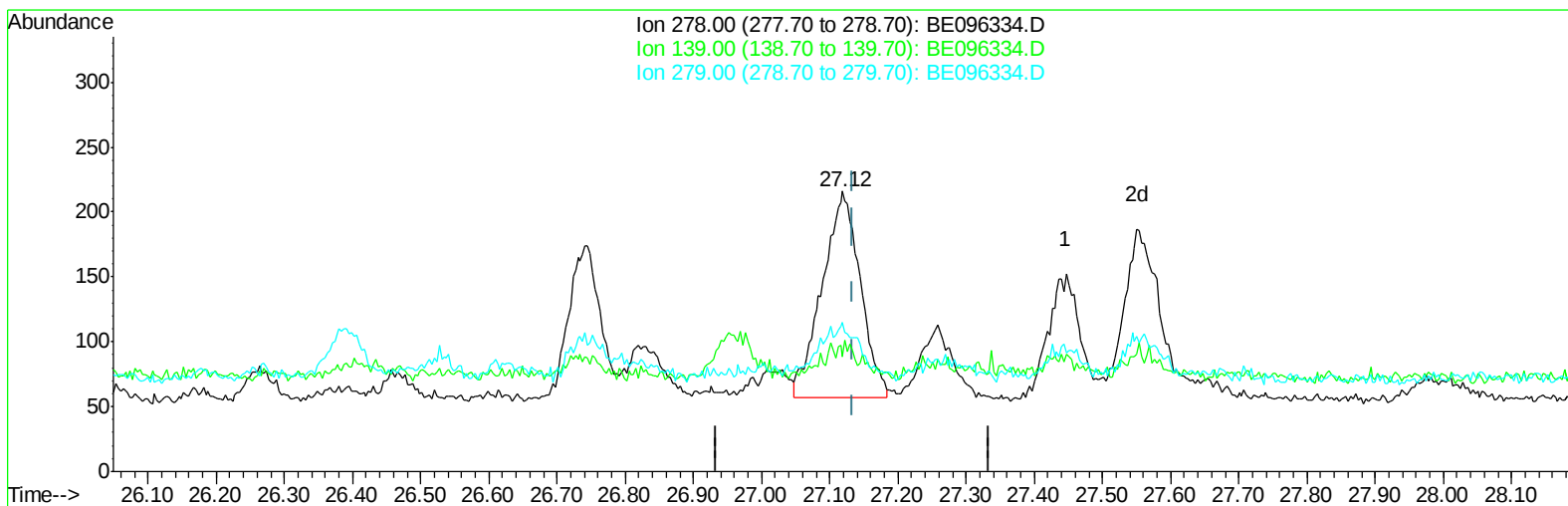
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:45:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

(25) Dibenzo(a,h)anthracene

27.119min (-0.014) 0.05ng/ul m

response 618

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	40.74#
279.00	32.40	53.24#
0.00	0.00	0.00

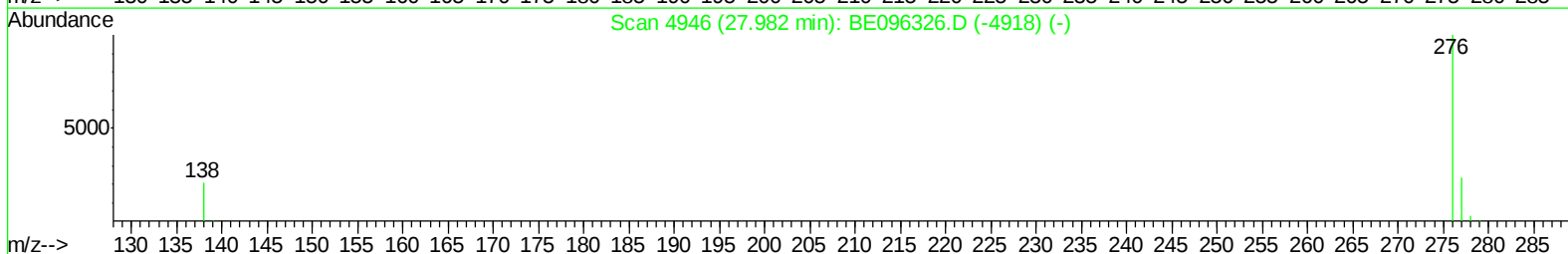
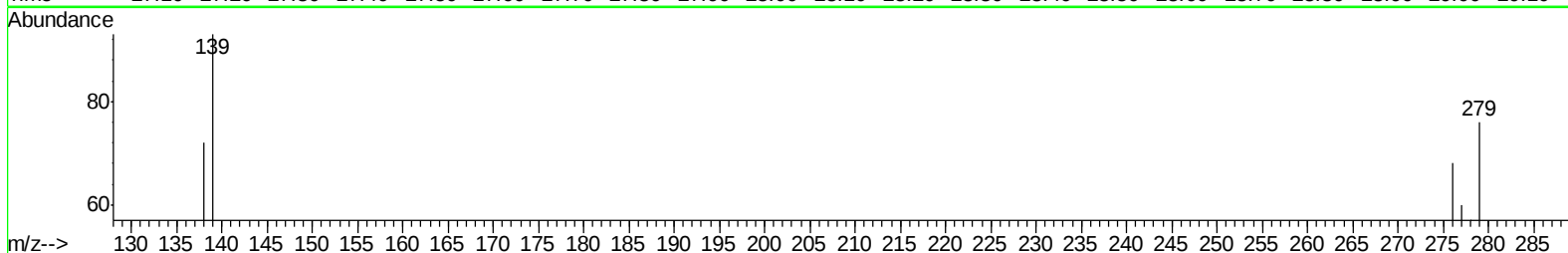
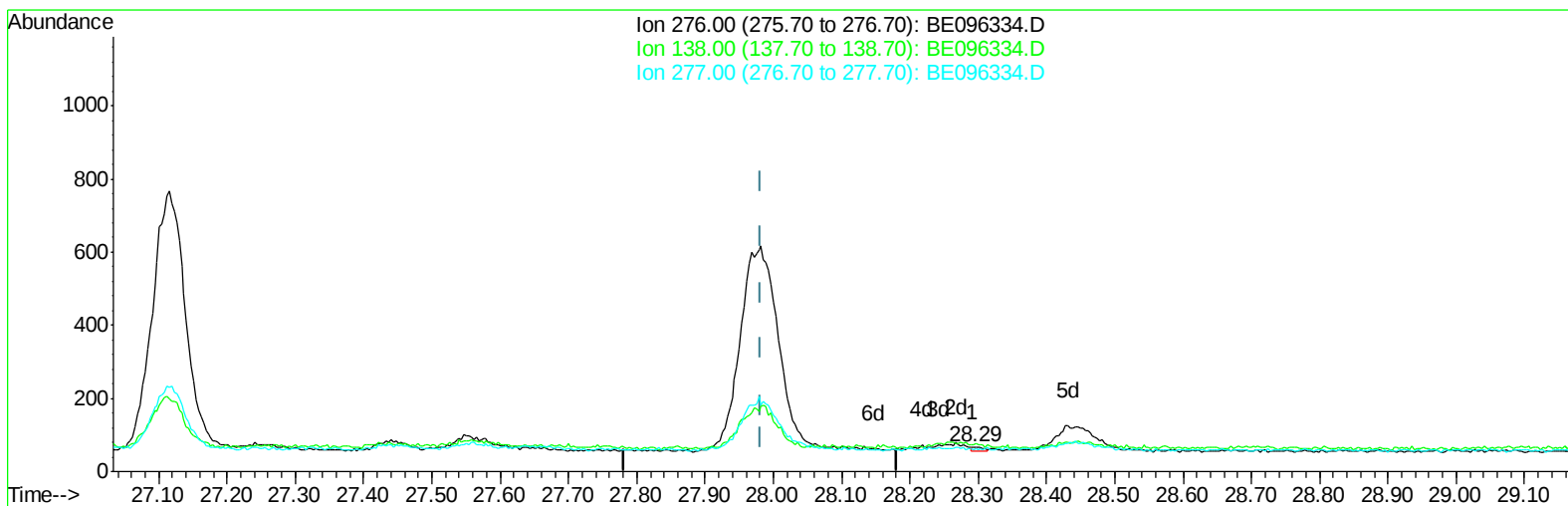
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:45:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

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

28.293min (+0.310) 0.00ng/ul

response 12

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	105.88#
277.00	25.60	88.24#
0.00	0.00	0.00

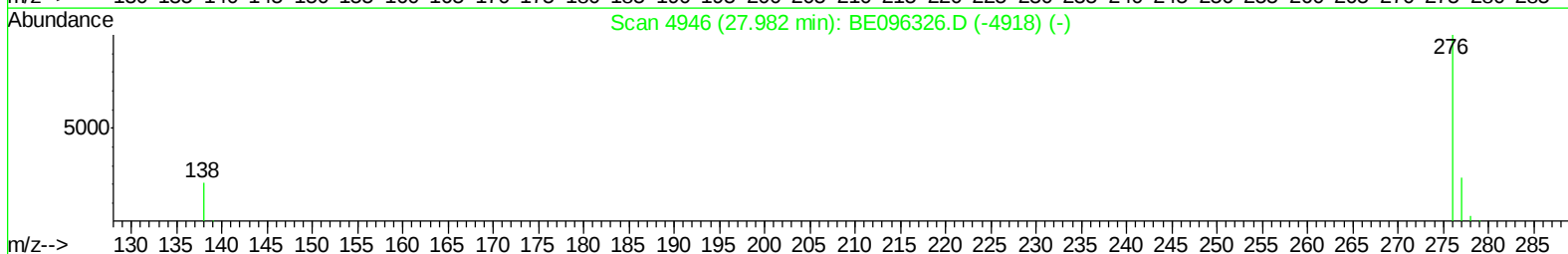
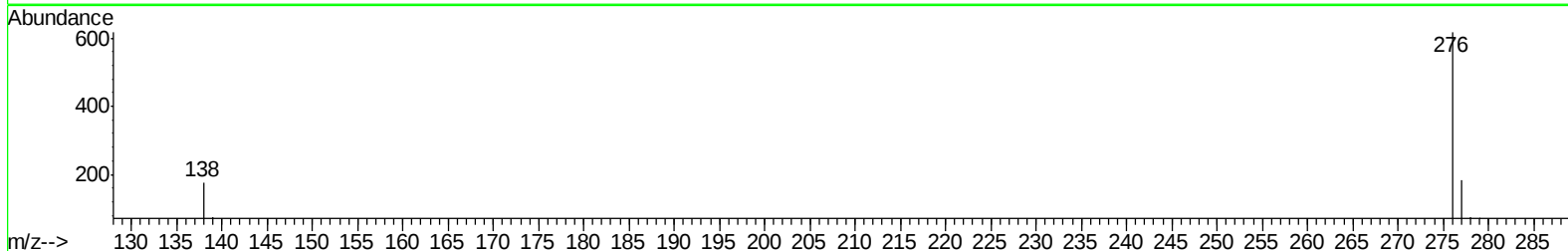
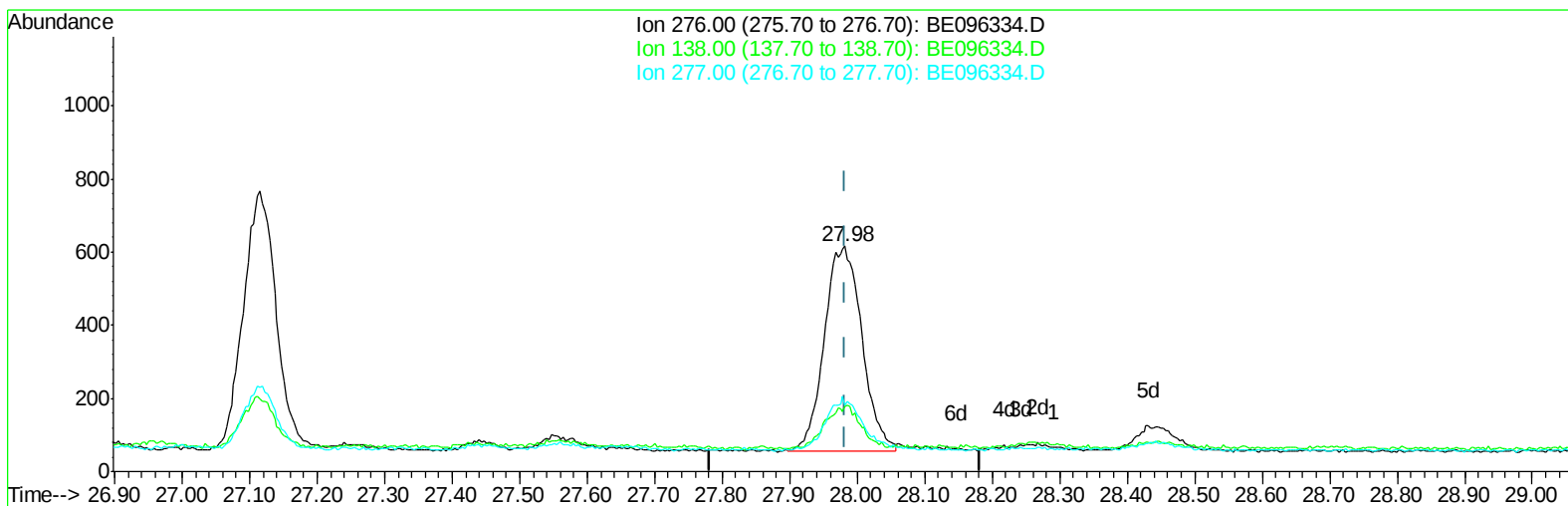
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:45:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration



TIC: BE096334.D

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

27.982min (+0.000) 0.17ng/ul m

response 2145

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	28.69
277.00	25.60	29.50
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
 Data File : BE096334.D
 Acq On : 3 May 2018 21:53
 Operator : SJ/JU
 Sample : J2440-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y18

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:35:06 PM

Quant Time: May 04 03:47:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 04 01:53:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	638	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	2776	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1806	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4642m	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	5012m	0.40	ng/ul	0.00
20) Perylene-d12	24.34	264	4115m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1134	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.63	212	3833m	0.19	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.67	152	501	0.053	ng/ul#	77
9) Fluorene	15.97	166	186	0.020	ng/ul#	81
12) Phenanthrene	17.69	178	5077m	0.363	ng/ul	
13) Anthracene	17.78	178	503m	0.037	ng/ul	
15) Fluoranthene	19.66	202	12185m	0.613	ng/ul	
17) Pyrene	20.02	202	3159m	0.560	ng/ul	
18) Benzo(a)anthracene	21.73	228	1767m	0.226	ng/ul	
19) Chrysene	21.78	228	5094m	0.340	ng/ul	
21) Benzo(b)fluoranthene	23.54	252	5833m	0.414	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	1854m	0.136	ng/ul	
23) Benzo(a)pyrene	24.23	252	3263m	0.247	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.12	276	2404m	0.165	ng/ul	
25) Dibenzo(a,h)anthracene	27.12	278	618m	0.052	ng/ul	
26) Benzo(g,h,i)perylene	27.98	276	2145m	0.174	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096334.D
Acq On : 3 May 2018 21:53
Operator : SJ/JU
Sample : J2440-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:06 PM

Quant Time: May 04 03:47:08 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration

