

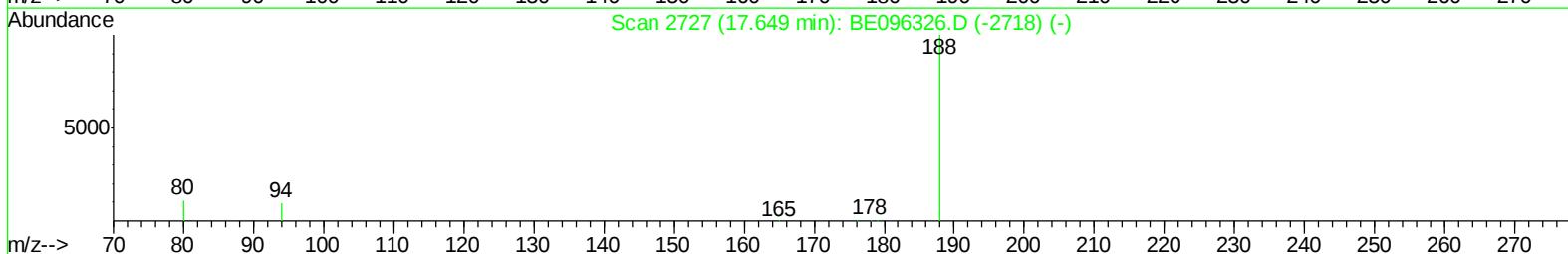
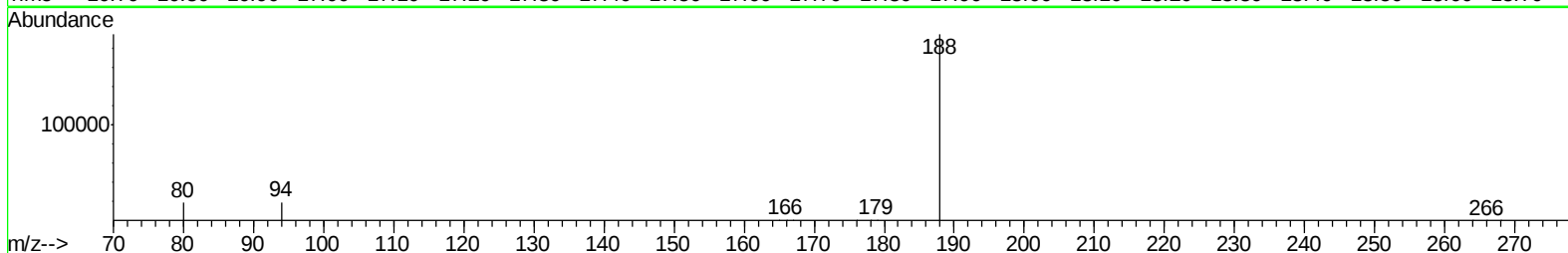
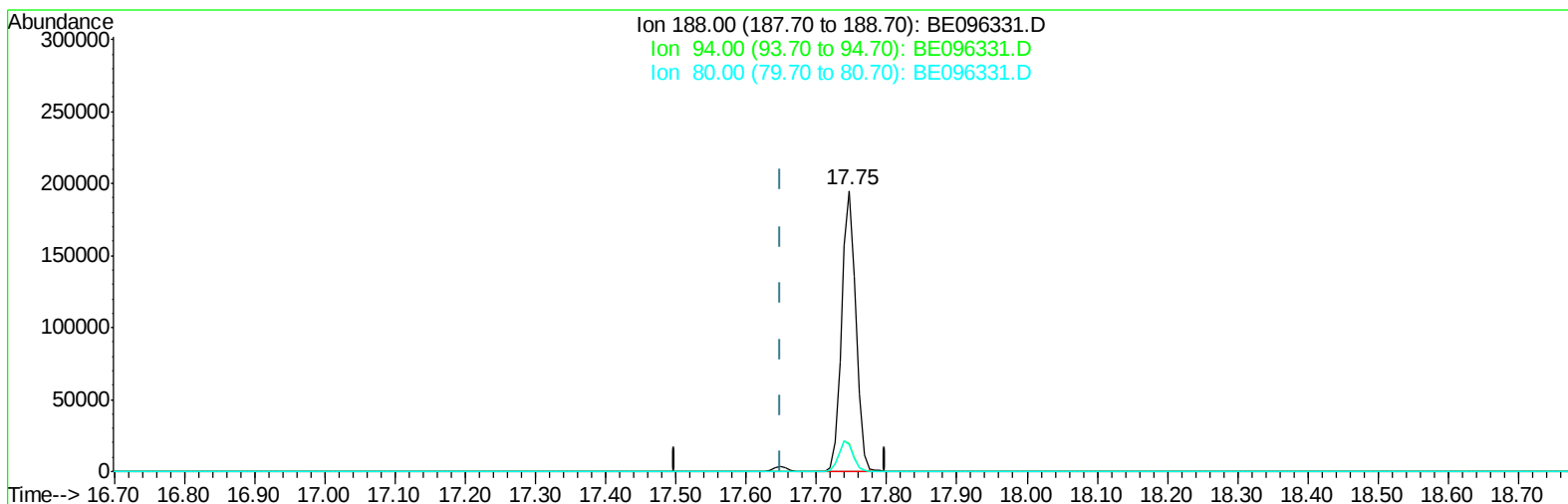
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:20:53 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: BE096331.D

(10) Phenanthrene-d10 (I)

17.747min (+0.098) 0.40ng/ul

response 276656

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.86
80.00	11.80	9.36#
0.00	0.00	0.00

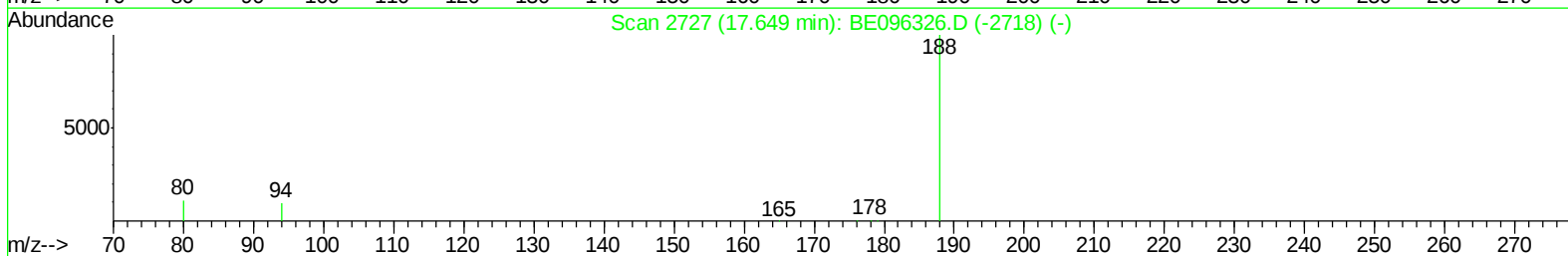
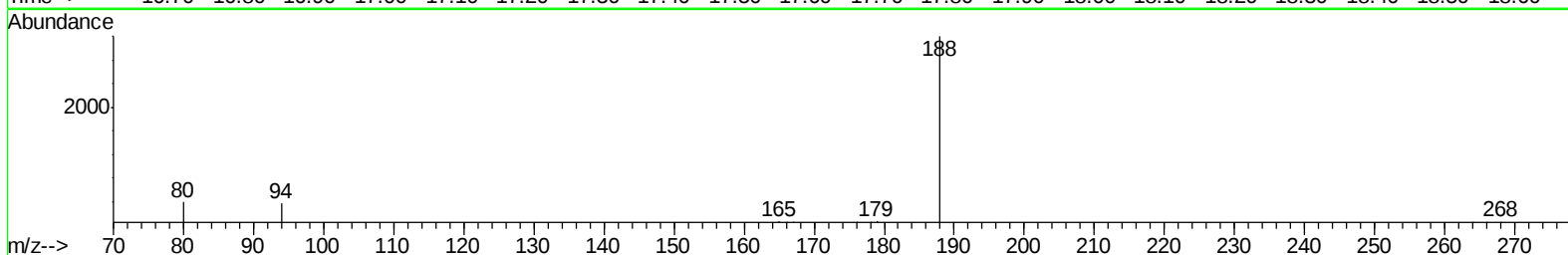
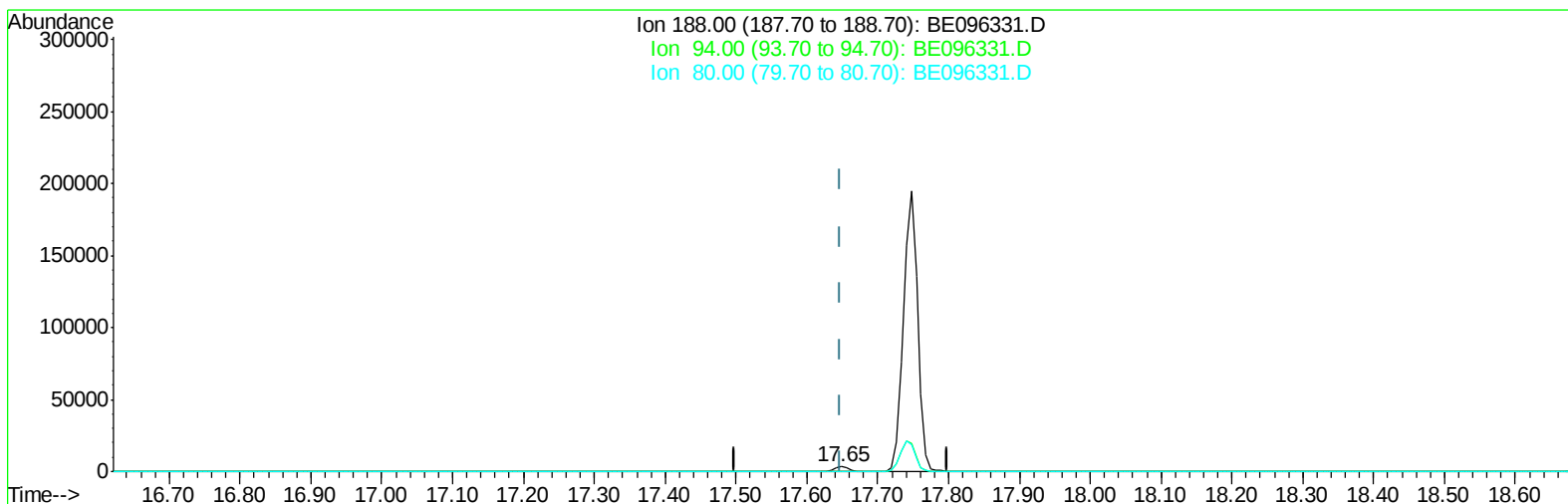
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:20:53 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: BE096331.D

(10) Phenanthrene-d10 (I)

17.649min (-0.000) 0.40ng/ul m

response 4546

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.32
80.00	11.80	12.01
0.00	0.00	0.00

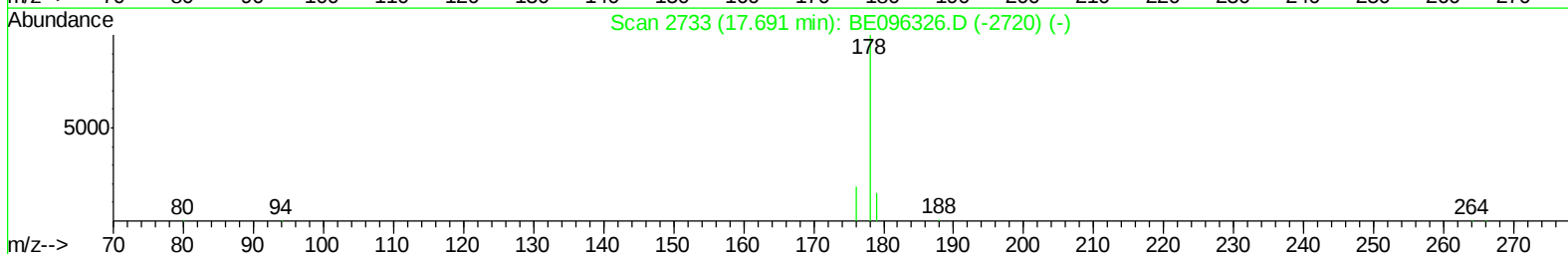
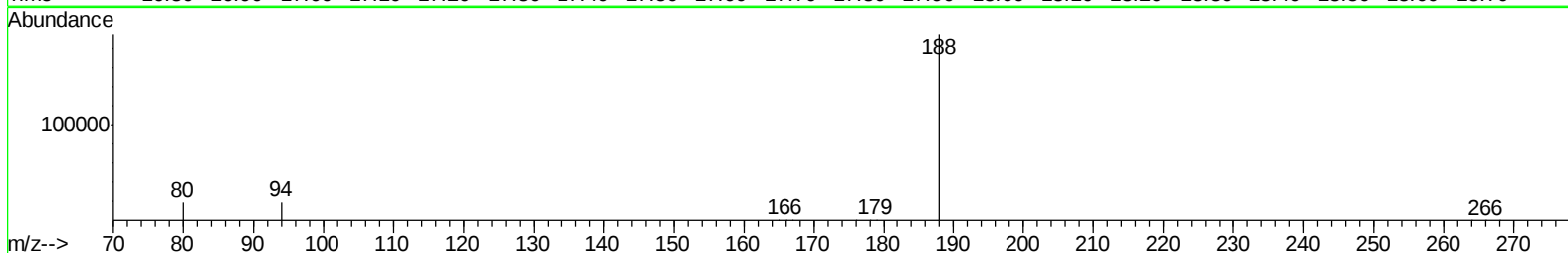
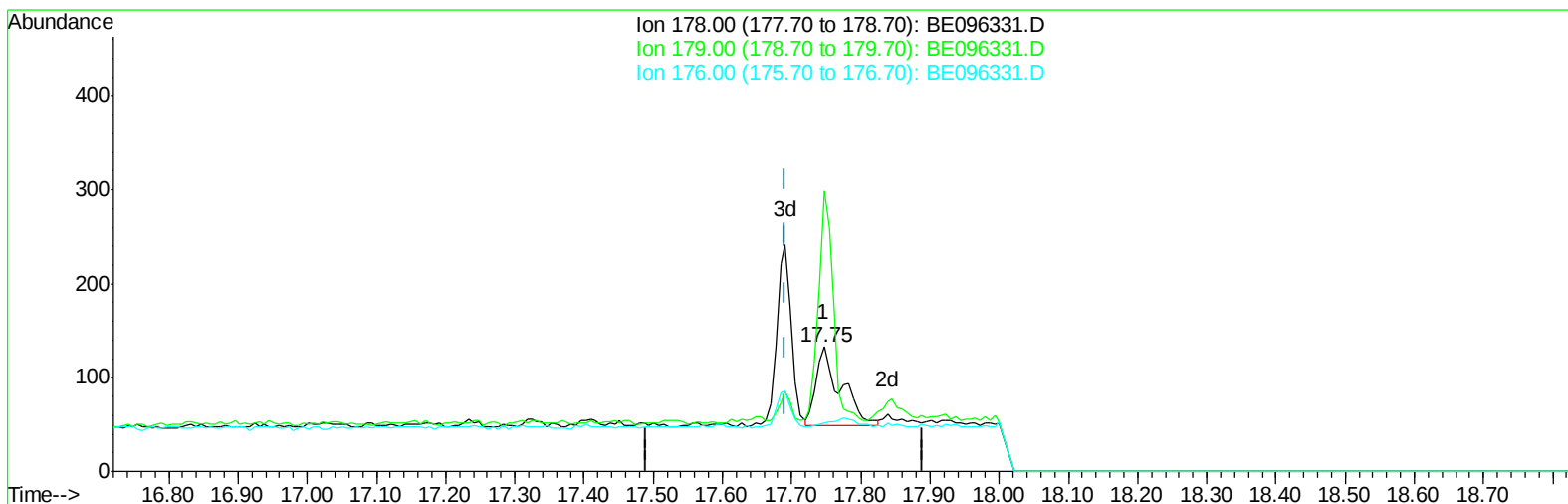
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:21:14 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: BE096331.D

(12) Phenanthrene

17.747min (+0.056) 0.01ng/ul

response 204

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	224.81#
176.00	17.00	39.10#
0.00	0.00	0.00

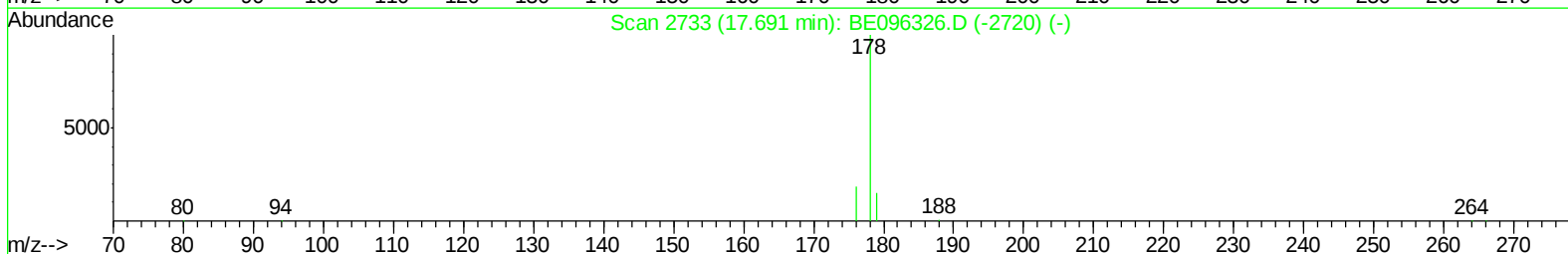
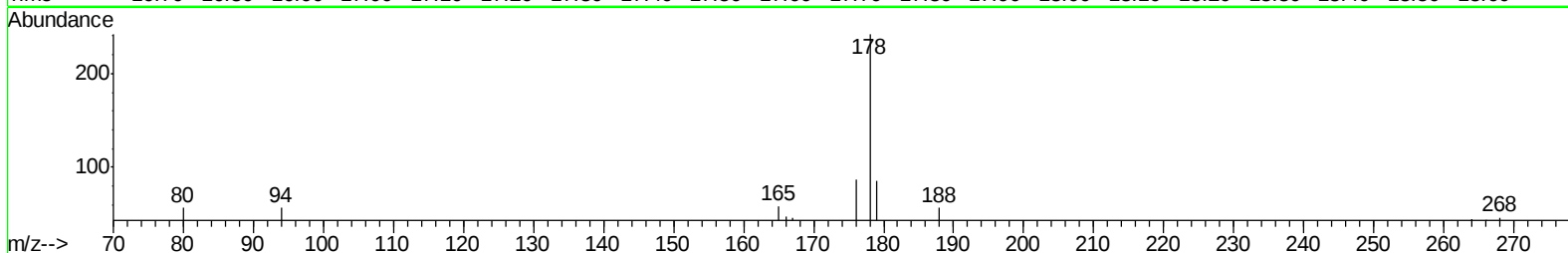
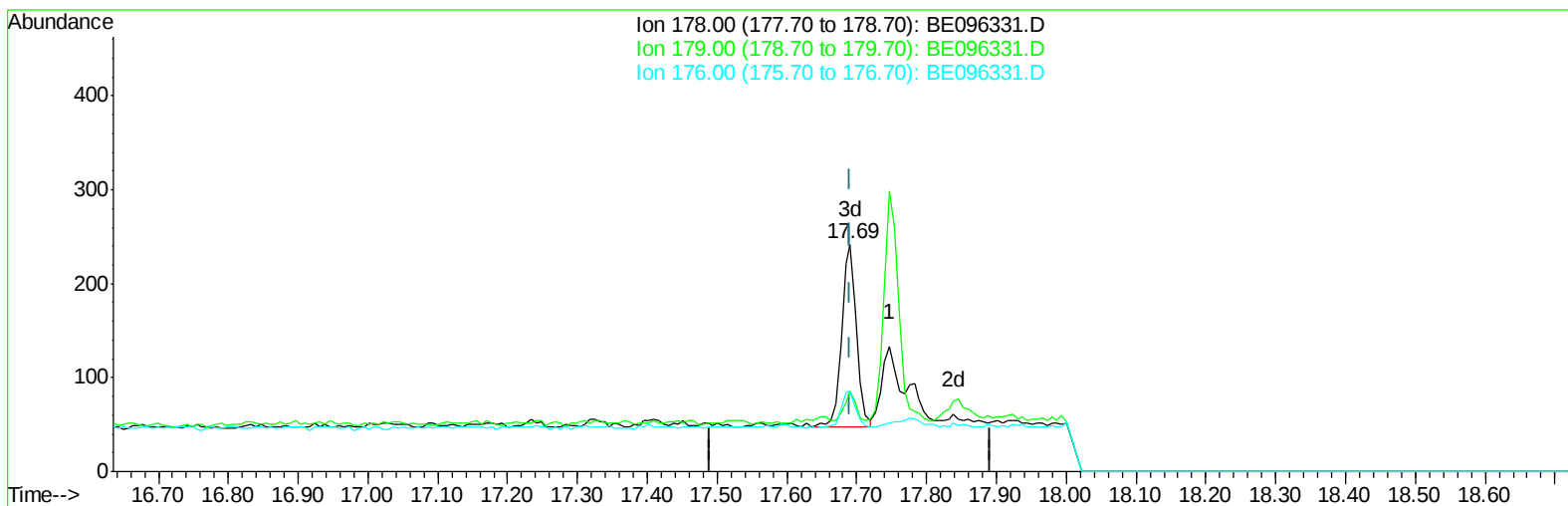
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:21:14 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: BE096331.D

(12) Phenanthrene

17.691min (-0.000) 0.02ng/ul m

response 295

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	35.12#
176.00	17.00	35.54#
0.00	0.00	0.00

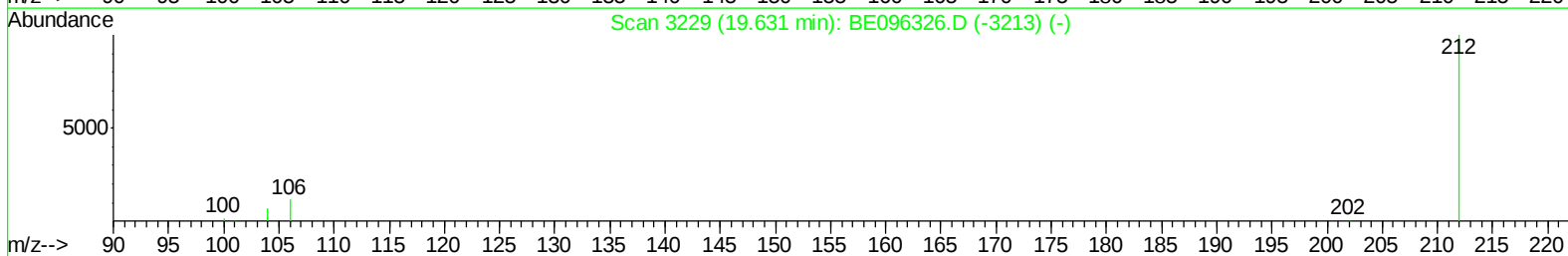
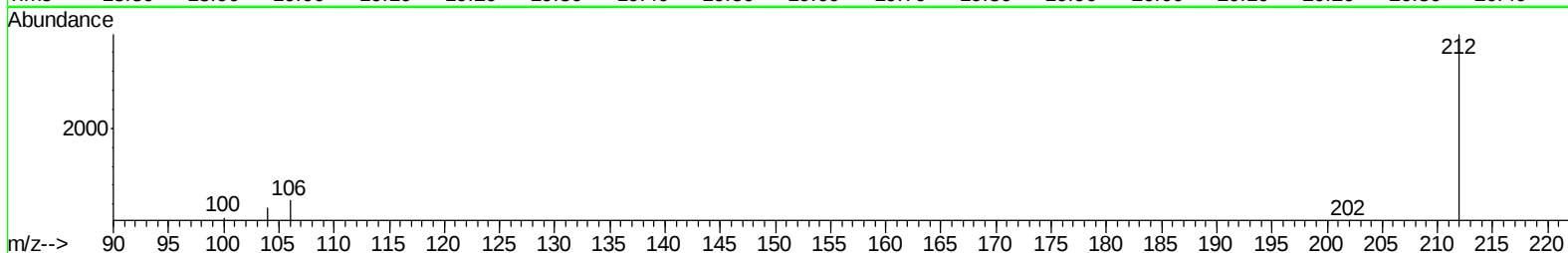
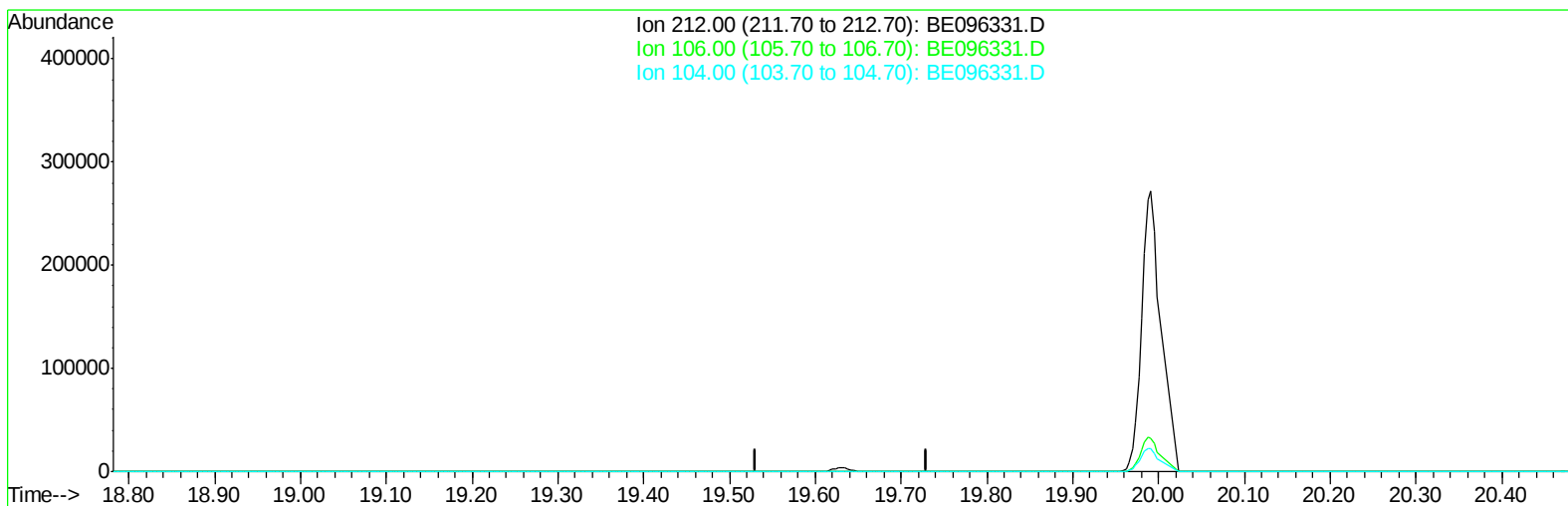
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:21:14 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: BE096331.D

(14) Fluoranthene-d10 (SURRE)

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

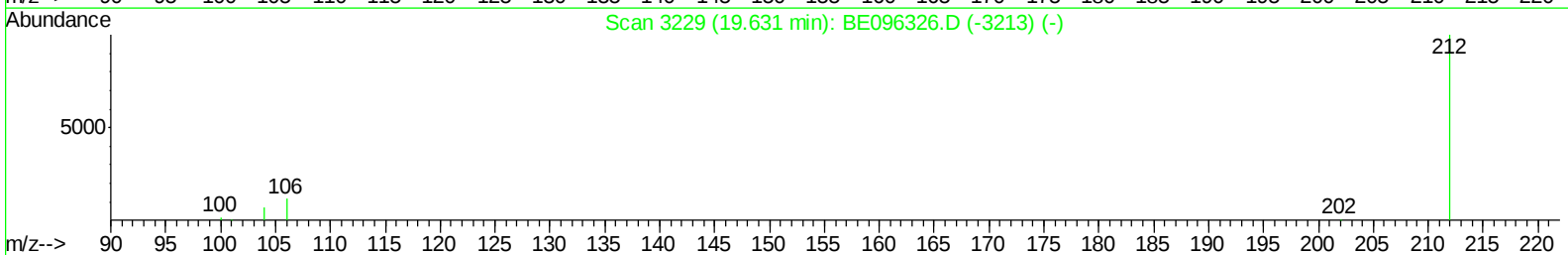
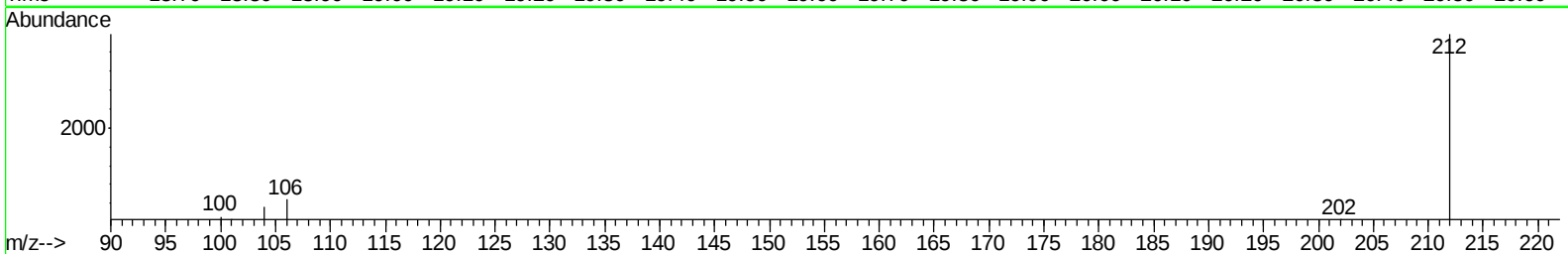
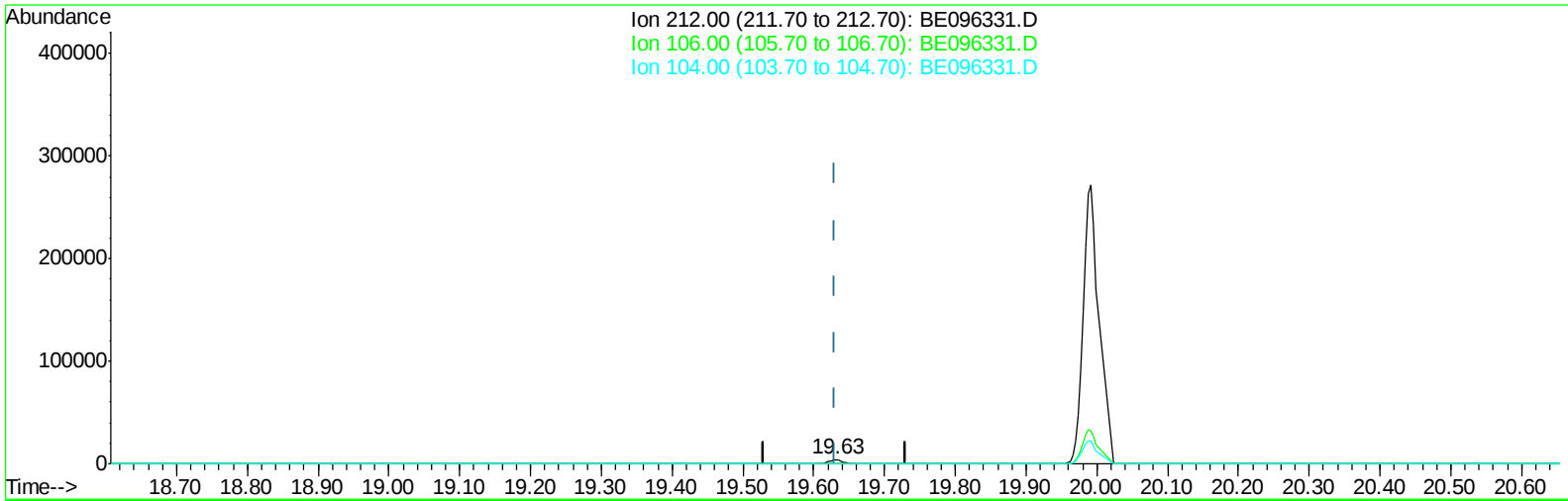
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:21:14 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: BE096331.D

(14) Fluoranthene-d10 (SURR)

19.631min (+0.000) 0.27ng/ul m

response 5193

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

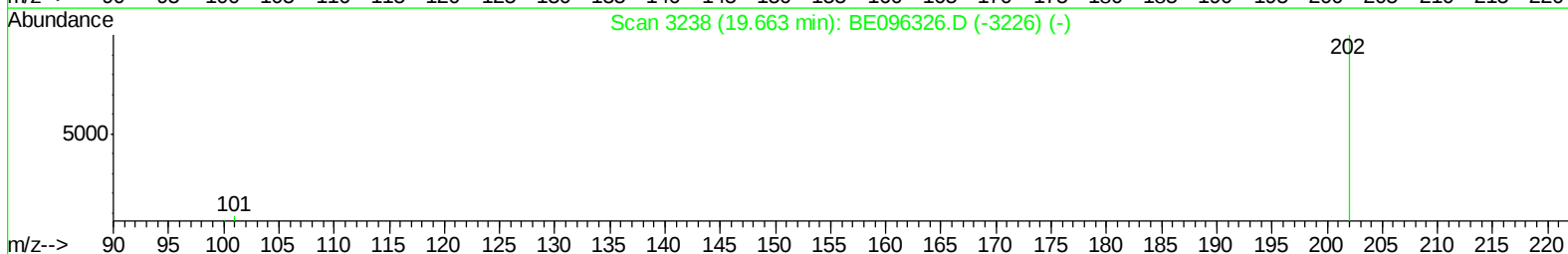
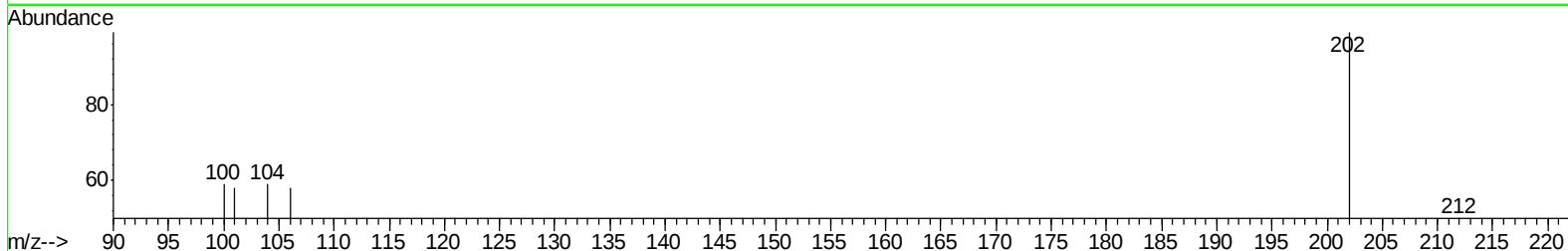
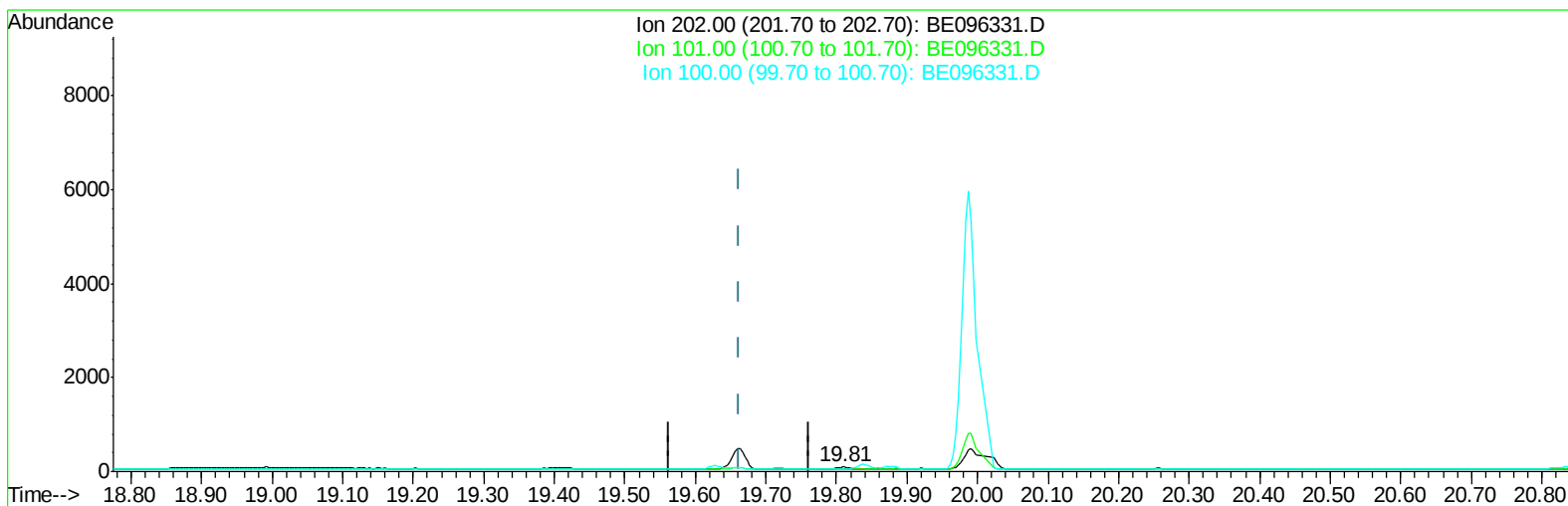
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:21:14 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: BE096331.D

(15) Fluoranthene (C)

19.809min (+0.146) 0.00ng/ul

response 68

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	58.59#
100.00	19.50	59.60#
0.00	0.00	0.00

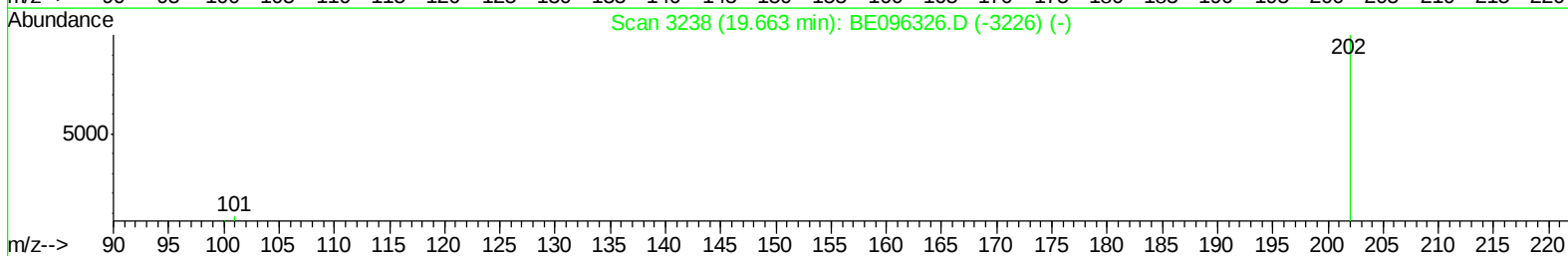
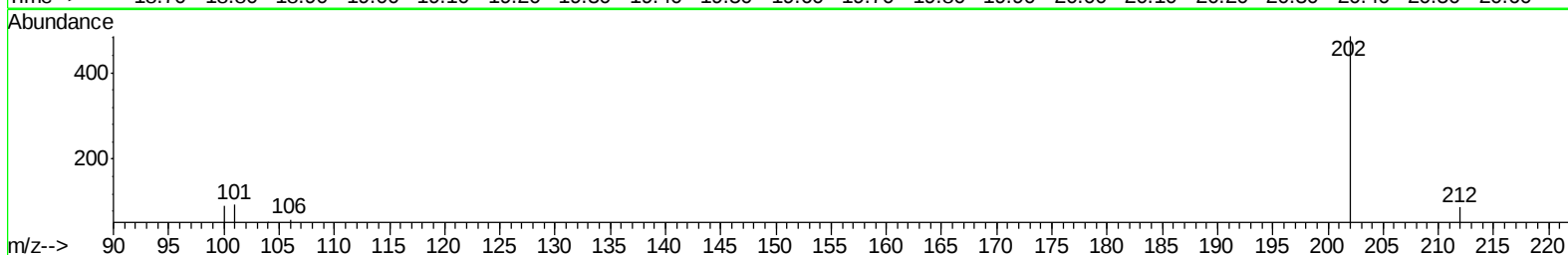
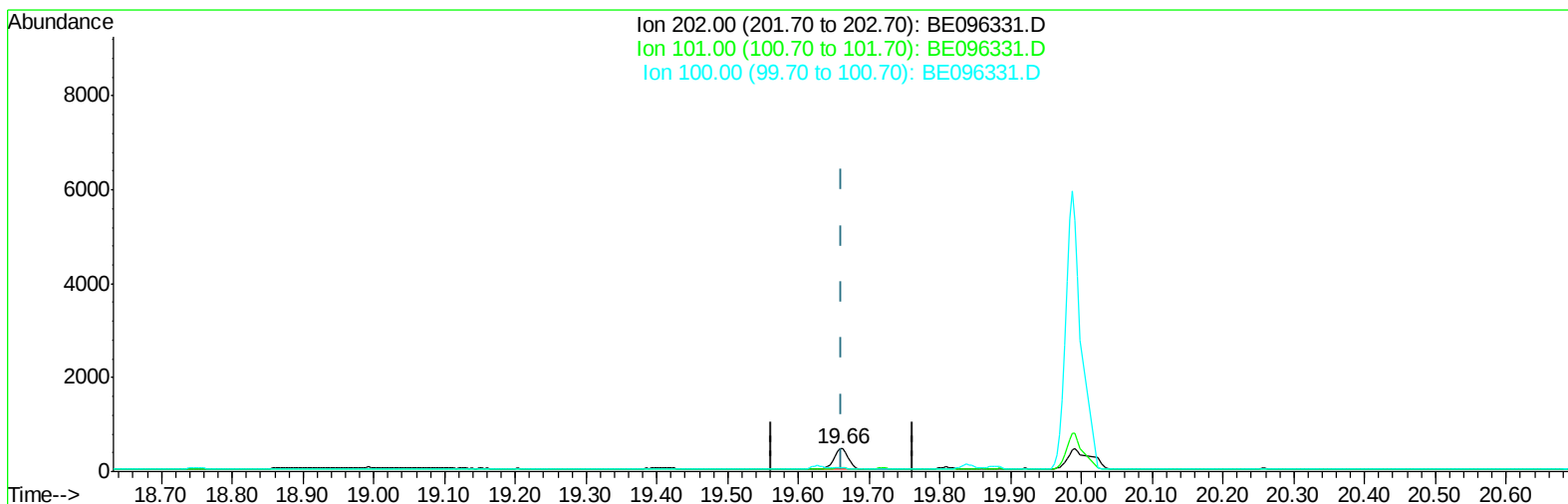
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:21:14 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: BE096331.D

(15) Fluoranthene (C)

19.659min (-0.003) 0.03ng/ul m

response 577

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	19.42
100.00	19.50	19.01
0.00	0.00	0.00

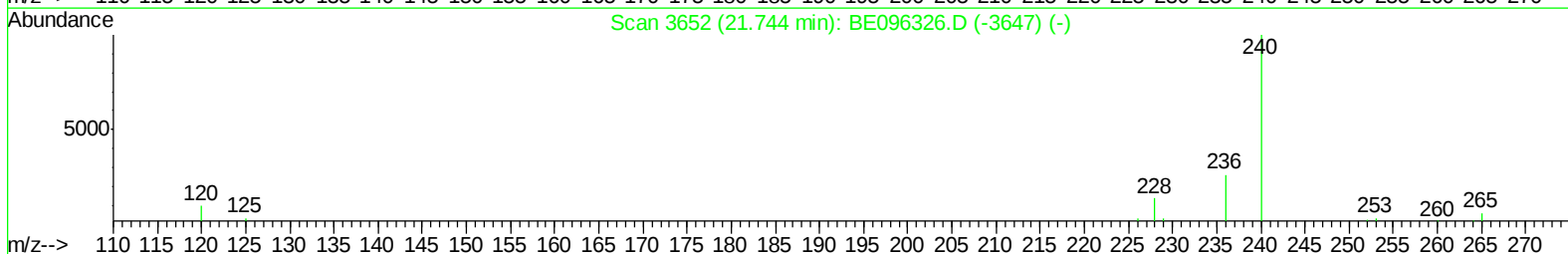
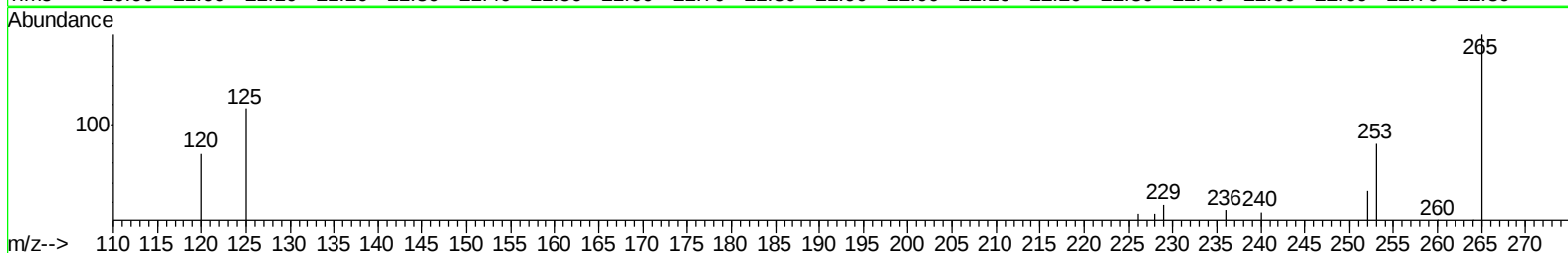
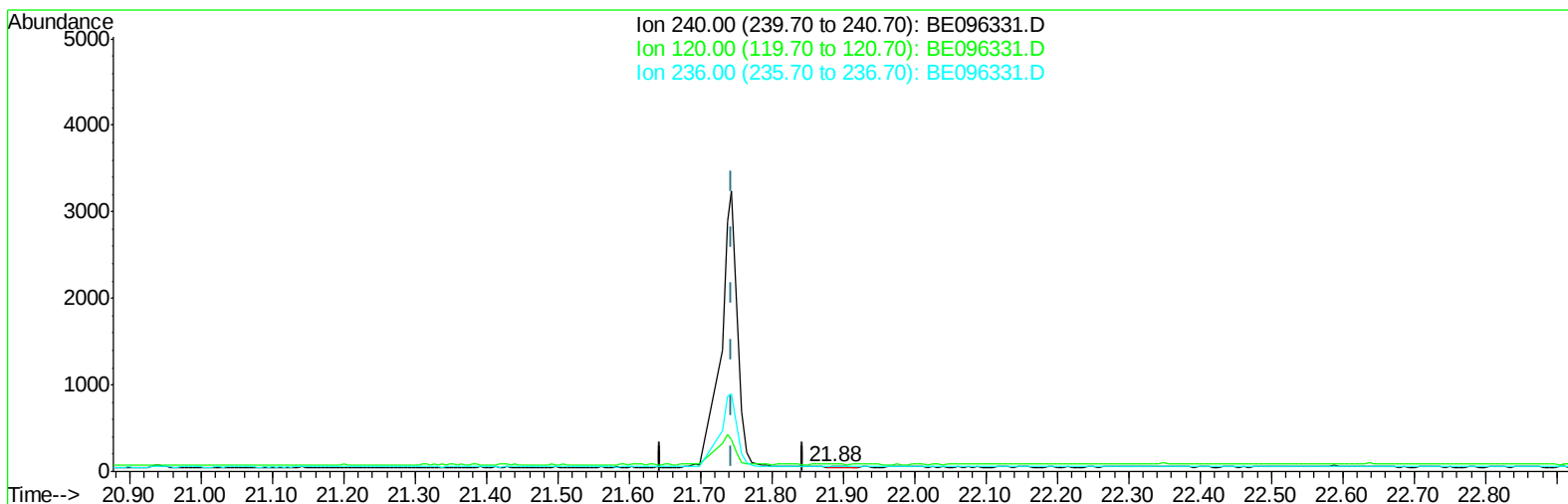
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:21:14 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: BE096331.D

(16) Chrysene-d12 (I)

21.885min (+0.140) 0.40ng/ul

response 7

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	154.55#
236.00	34.90	101.82#
0.00	0.00	0.00

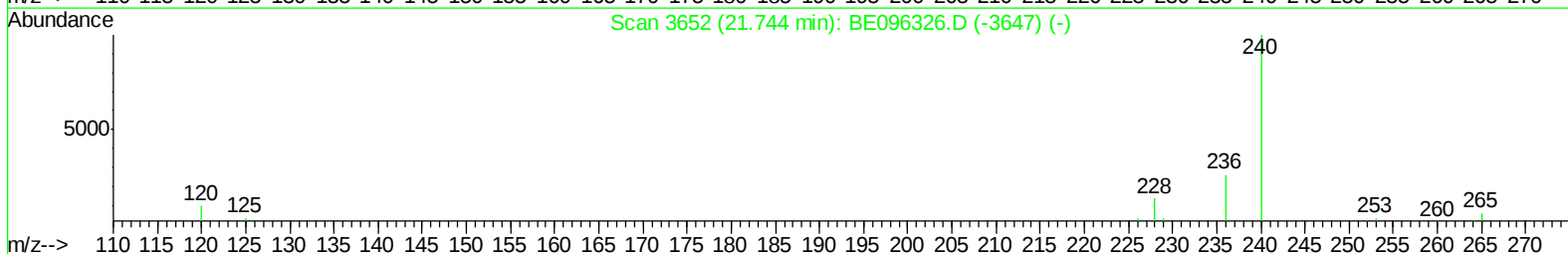
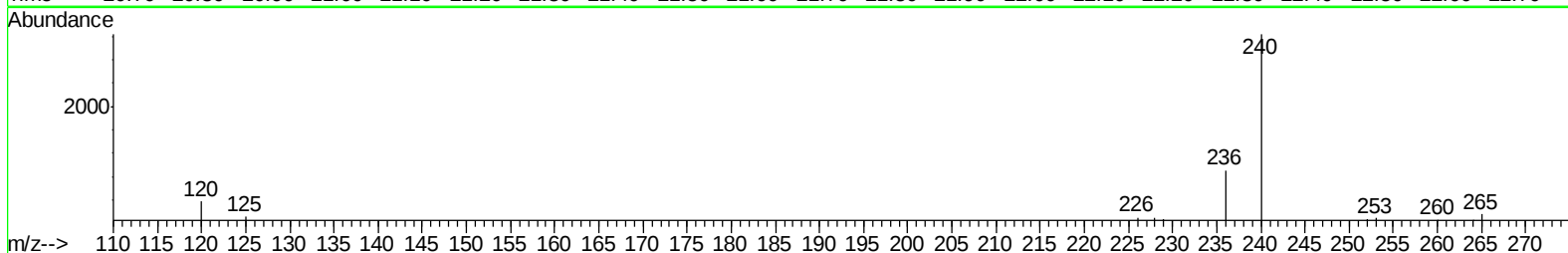
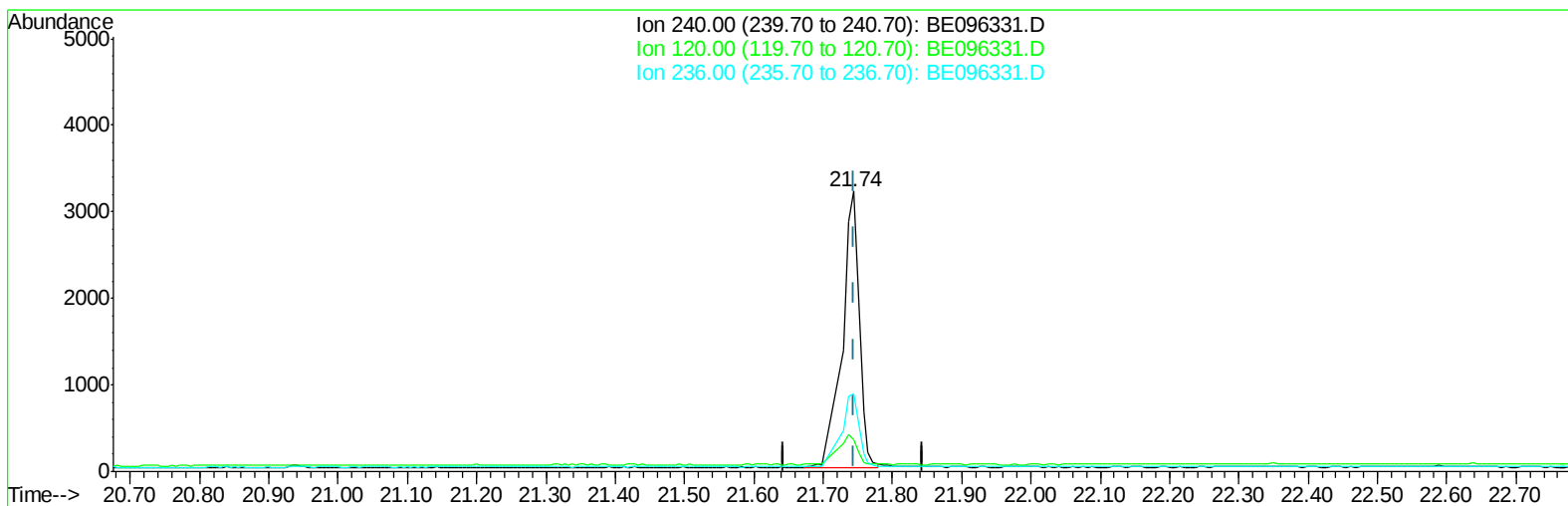
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:21:14 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: BE096331.D

(16) Chrysene-d12 (I)

21.744min (-0.000) 0.40ng/ul m

response 5123

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	11.51#
236.00	34.90	27.93
0.00	0.00	0.00

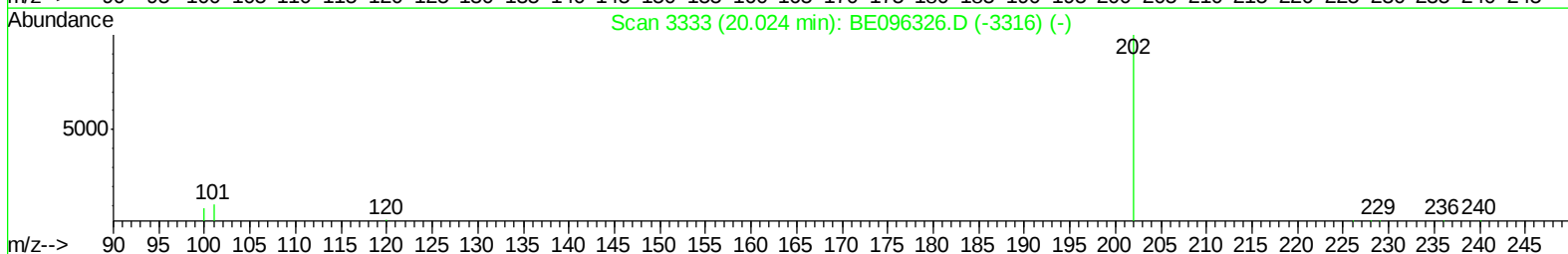
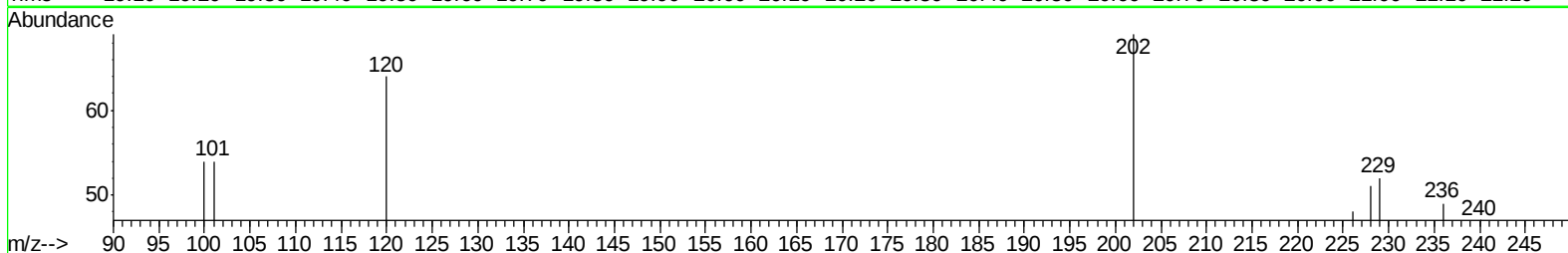
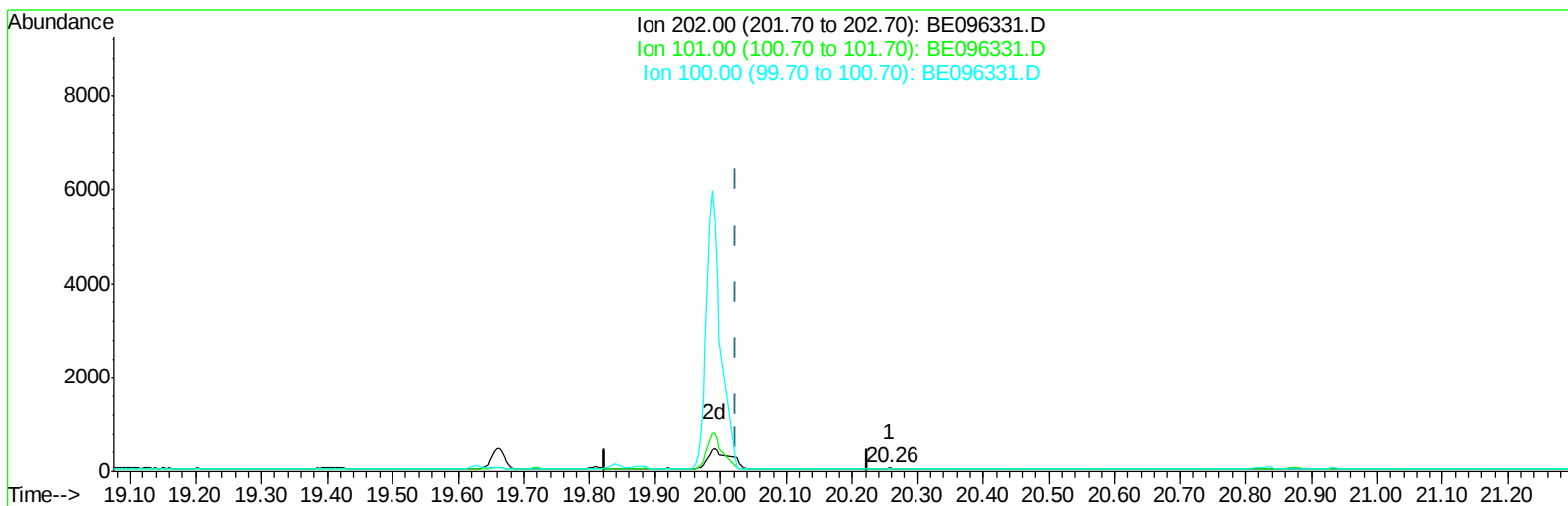
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
 Data File : BE096331.D
 Acq On : 3 May 2018 20:03
 Operator : SJ/JU
 Sample : J2440-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y21

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:35:00 PM

Quant Time: May 04 02:22:25 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: BE096331.D

(17) Pyrene

20.257min (+0.233) 0.01ng/ul

response 29

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	78.26#
100.00	19.50	78.26#
0.00	0.00	0.00

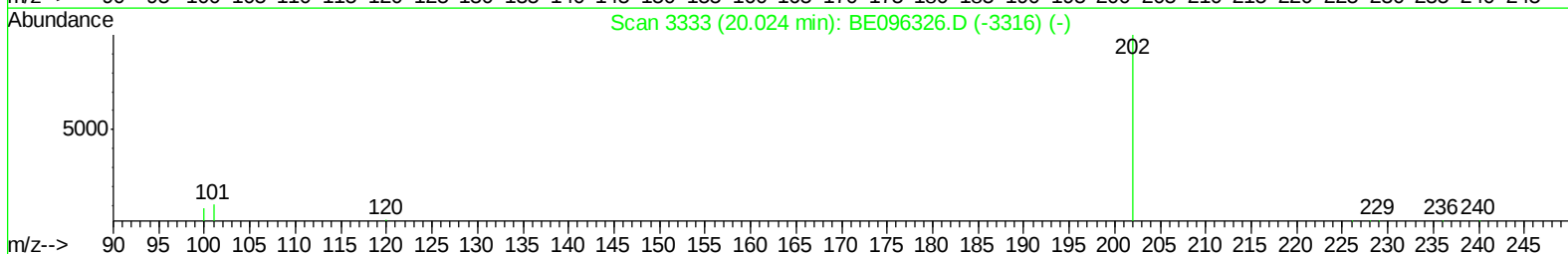
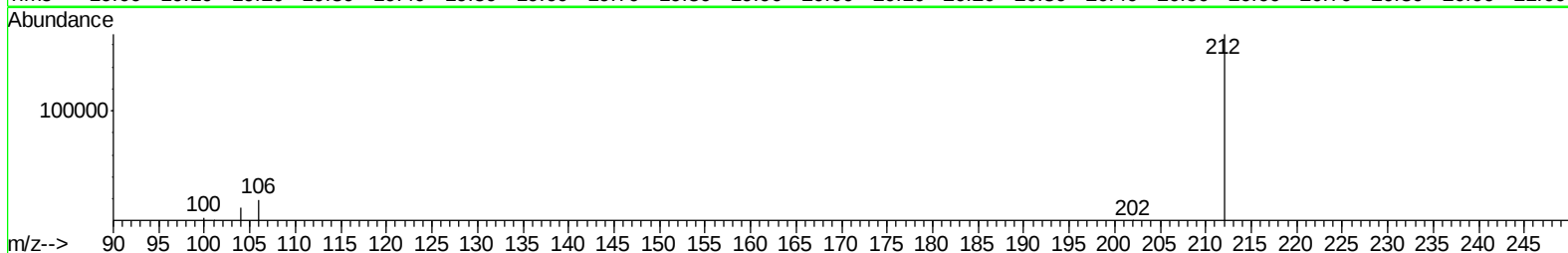
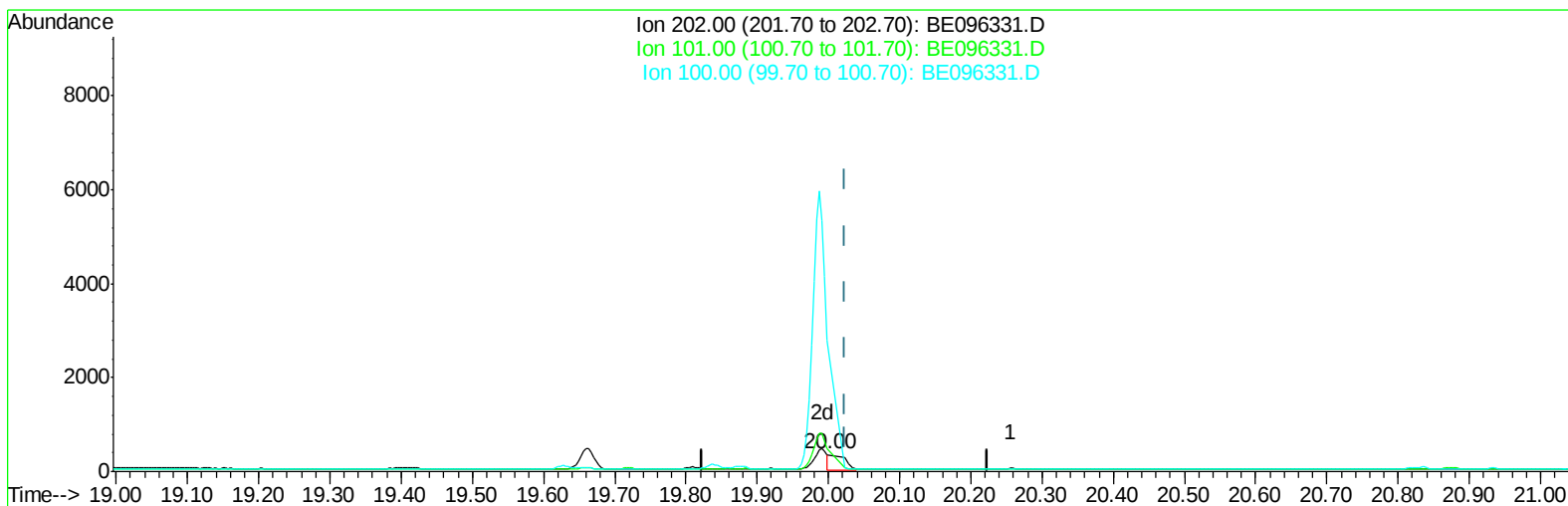
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:22:25 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: BE096331.D

(17) Pyrene

19.998min (-0.026) 0.05ng/ul m

response 305

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	134.44#
100.00	19.50	773.55#
0.00	0.00	0.00

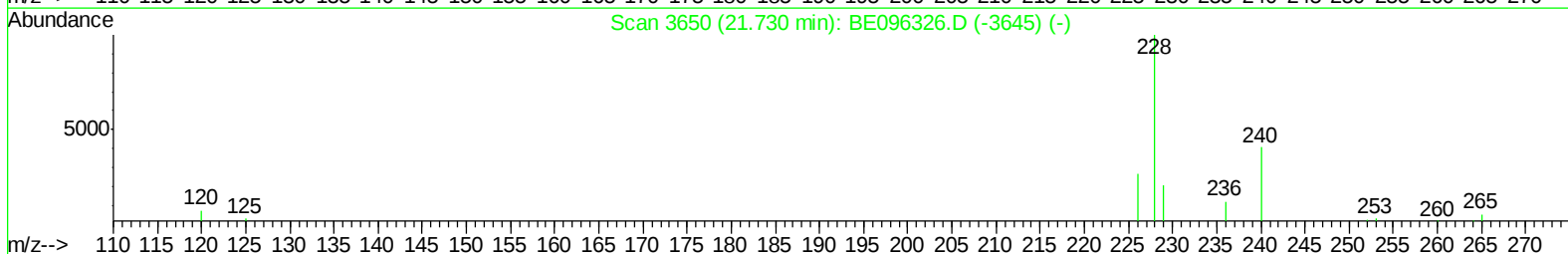
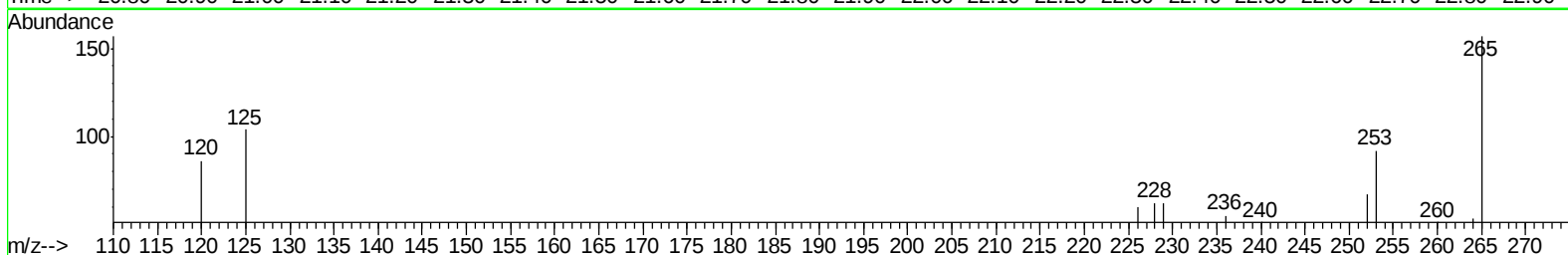
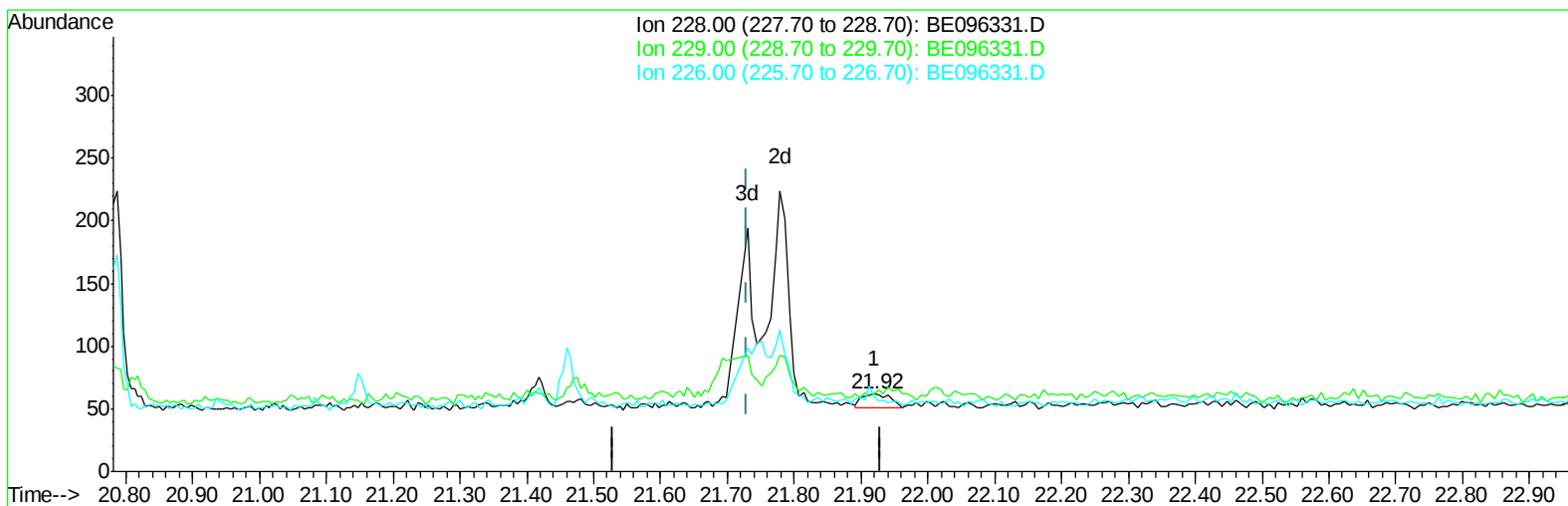
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:22:25 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: BE096331.D

(18) Benzo(a)anthracene
21.920min (+0.189) 0.00ng/ul
response 32

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	100.00#
226.00	21.30	96.77#
0.00	0.00	0.00

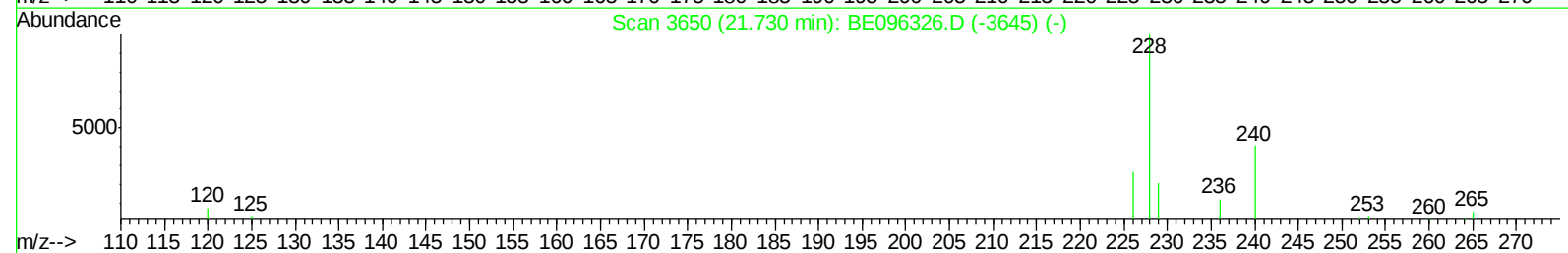
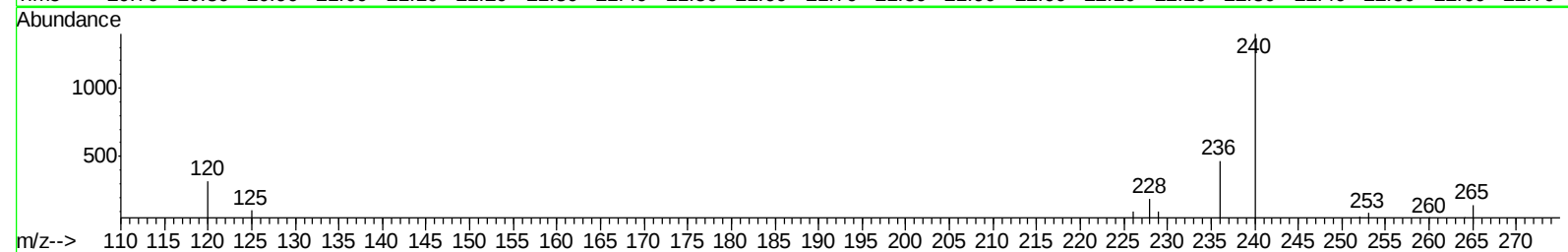
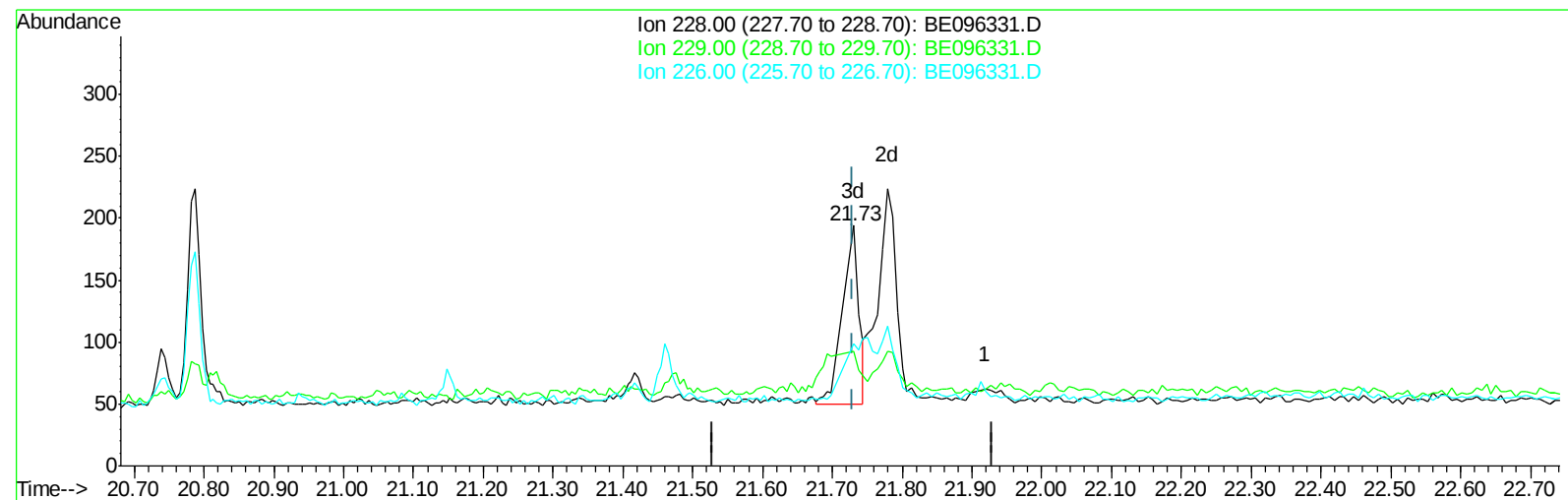
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:22:25 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: BE096331.D

(18) Benzo(a)anthracene

21.730min (-0.000) 0.02ng/ul m

response 171

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	47.94#
226.00	21.30	51.03#
0.00	0.00	0.00

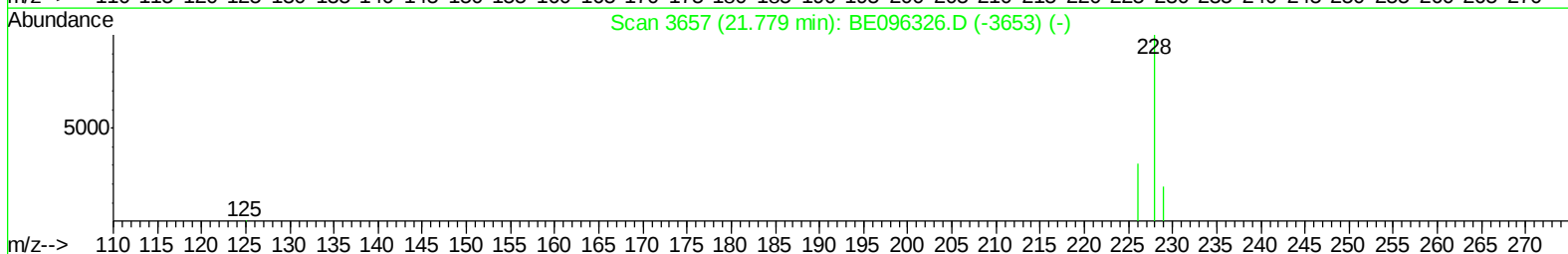
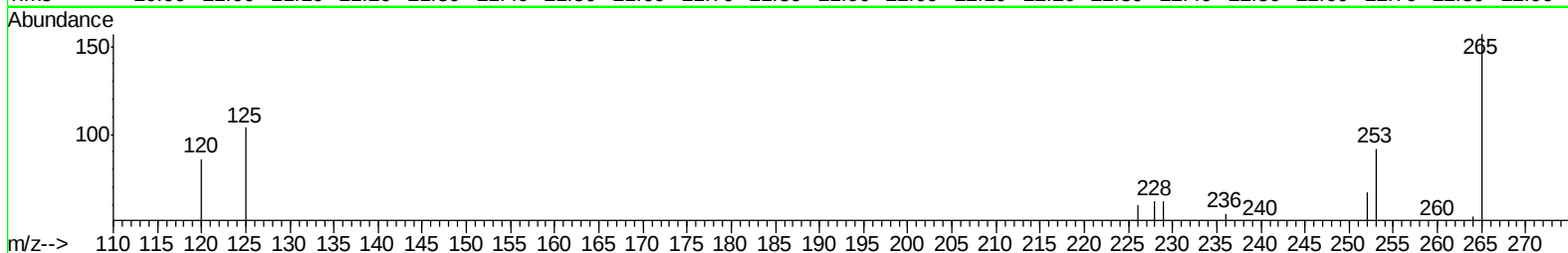
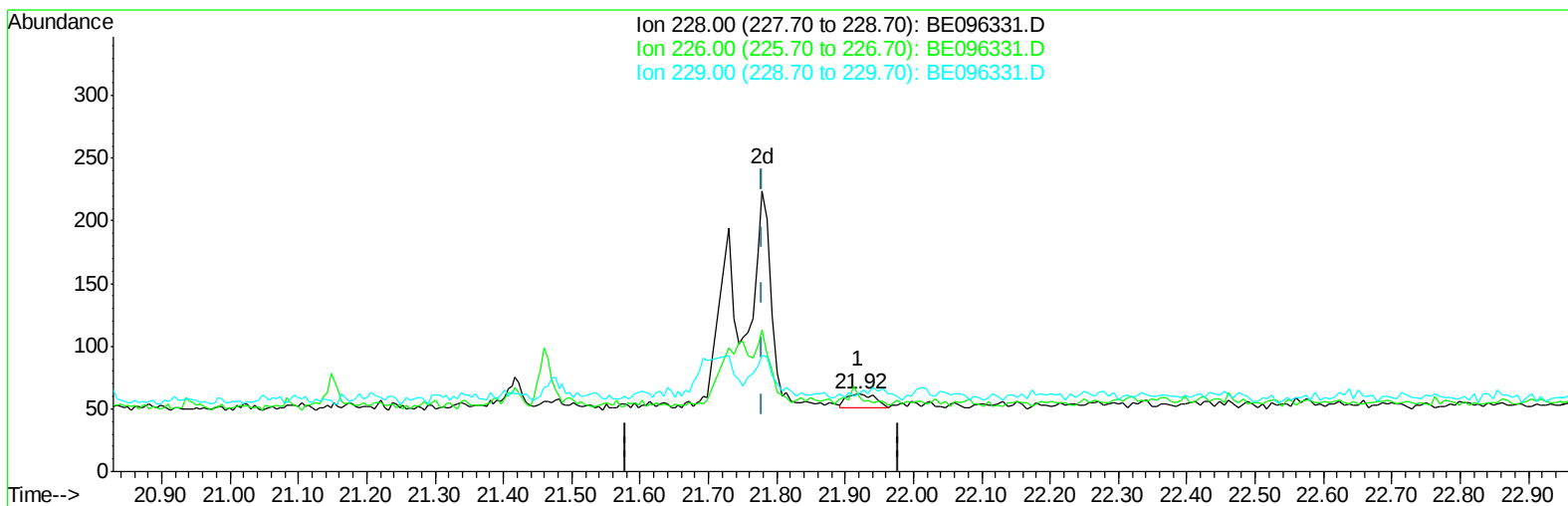
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:22:25 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: BE096331.D

(19) Chrysene

21.920min (+0.140) 0.00ng/ul

response 32

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	96.77#
229.00	22.10	100.00#
0.00	0.00	0.00

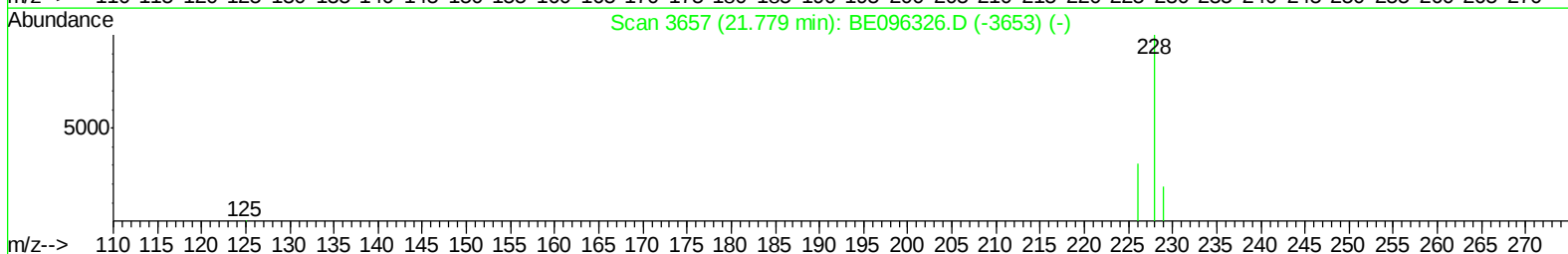
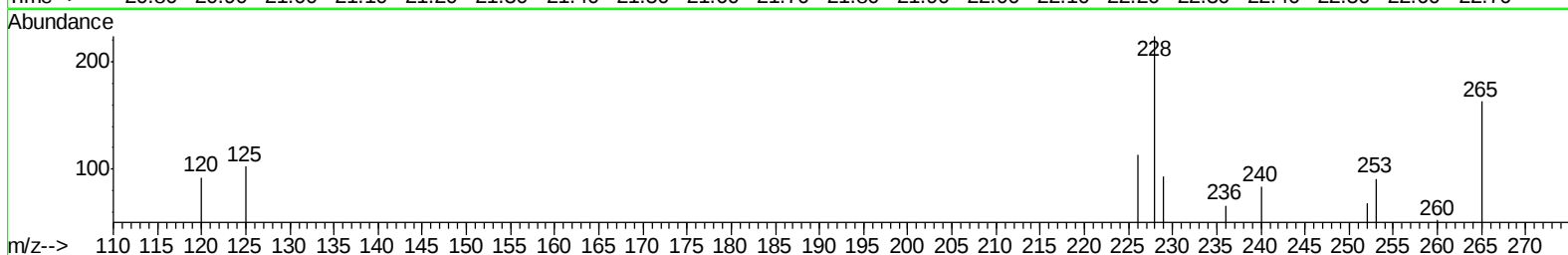
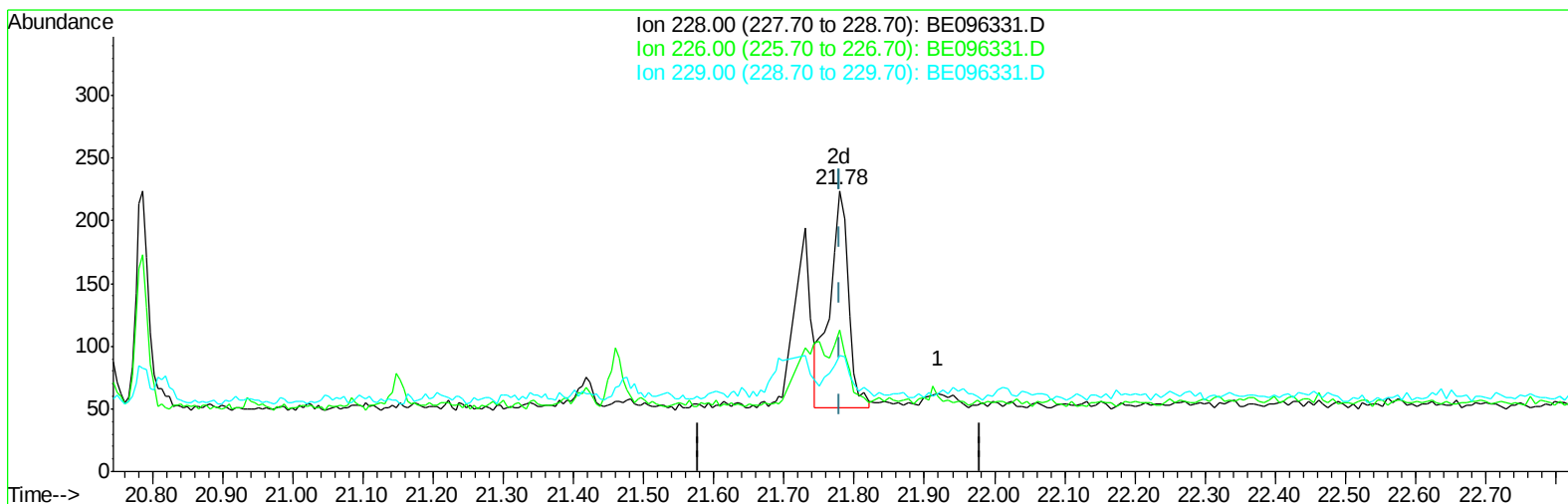
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:22:25 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: BE096331.D

(19) Chrysene

21.779min (-0.000) 0.02ng/ul m

response 321

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	50.45#
229.00	22.10	41.52#
0.00	0.00	0.00

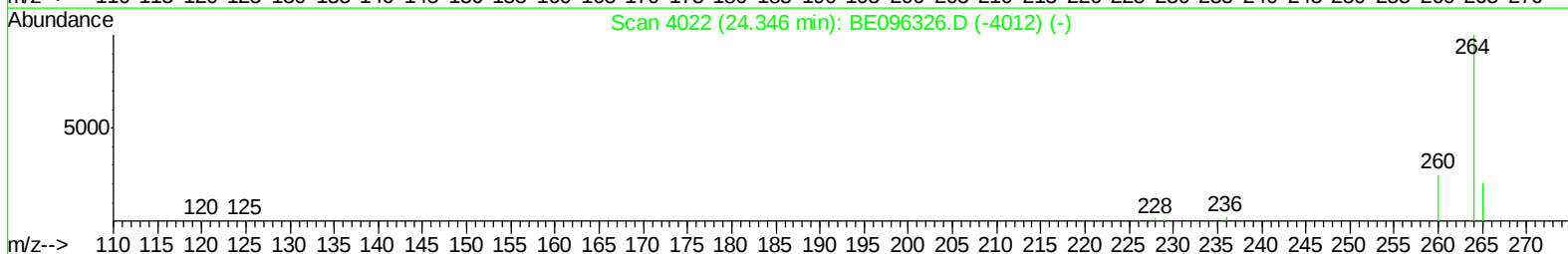
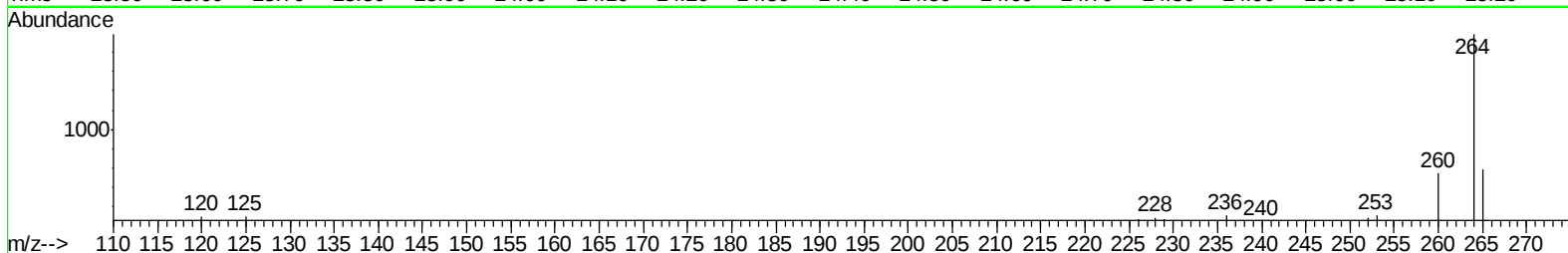
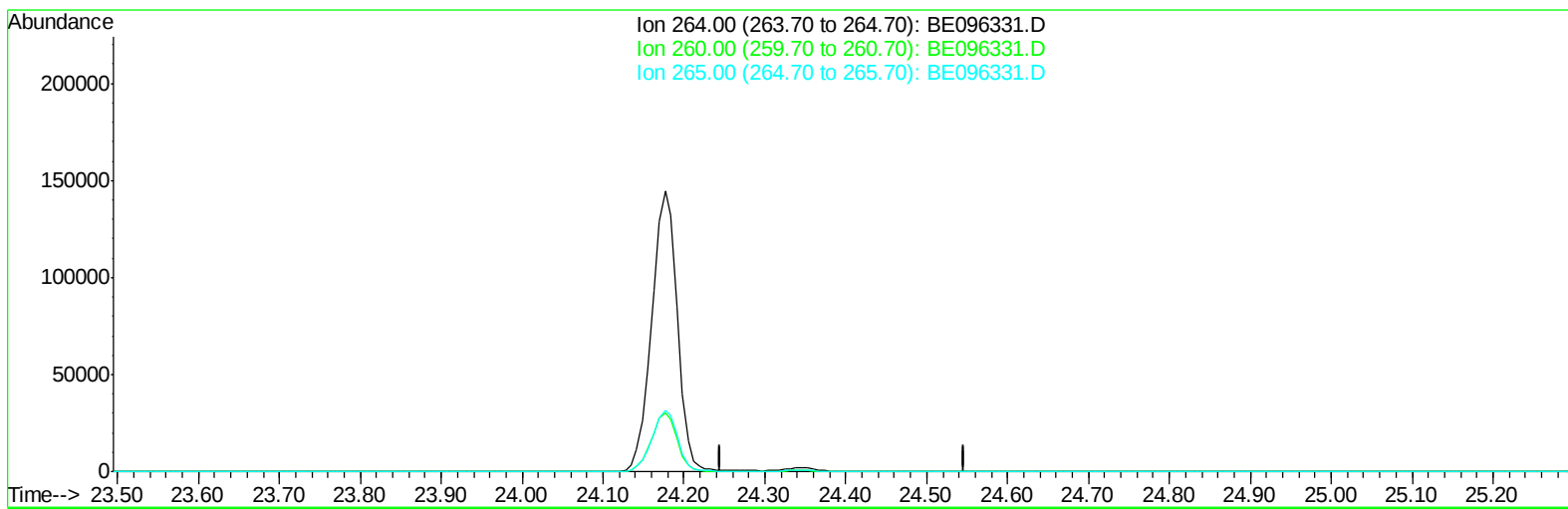
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:22:25 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: BE096331.D

(20) Perylene-d12 (I)

24.346min (-24.346) 0.00ng/ul

response 0

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

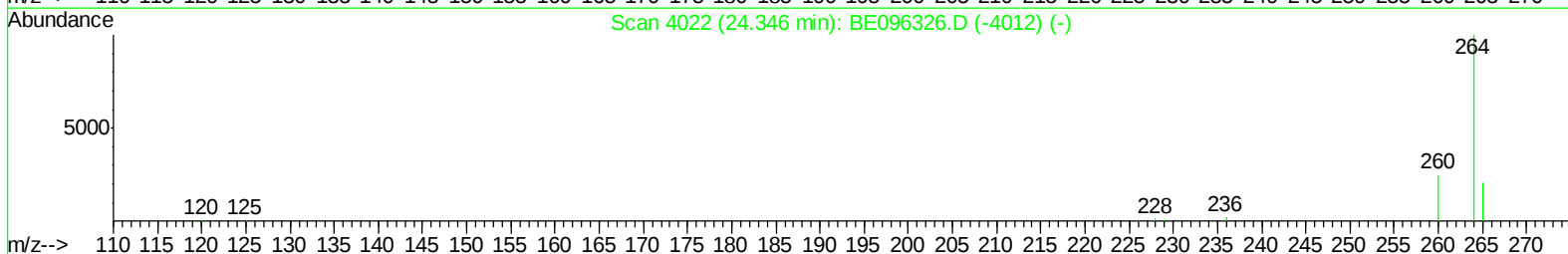
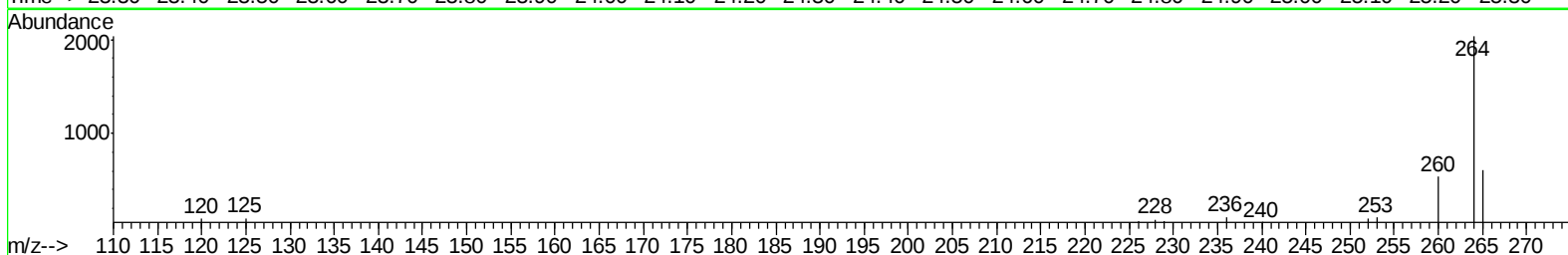
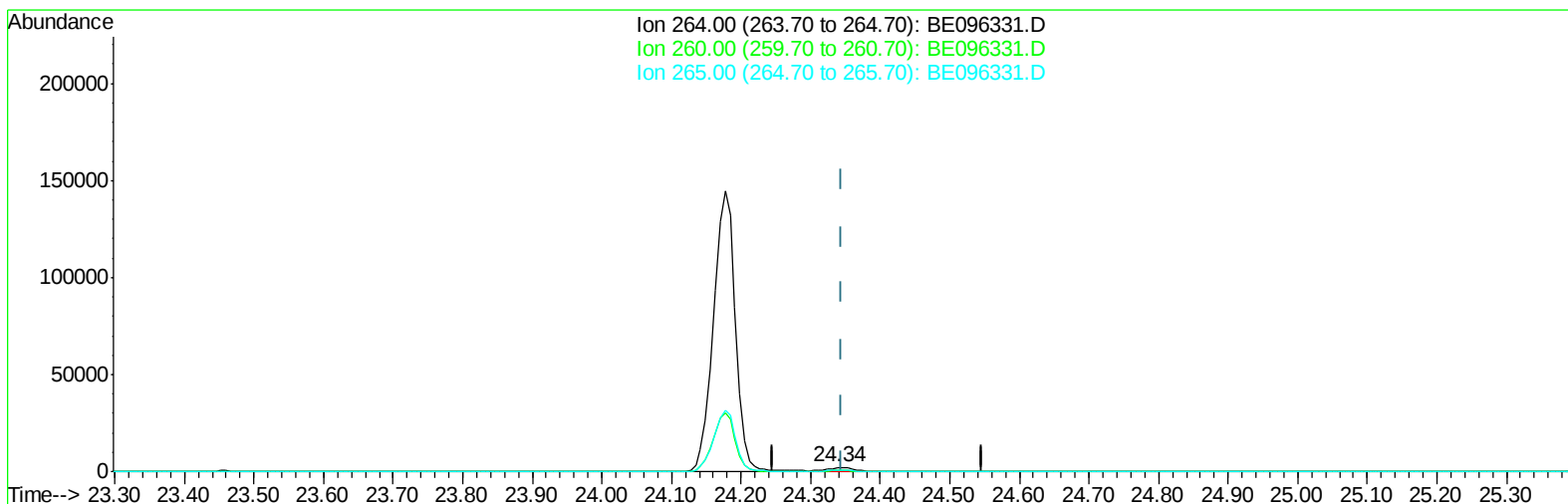
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:22:25 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: BE096331.D

(20) Perylene-d12 (I)

24.339min (-0.008) 0.40ng/ul m

response 4073

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.33
265.00	103.50	29.91#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
 Data File : BE096331.D
 Acq On : 3 May 2018 20:03
 Operator : SJ/JU
 Sample : J2440-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y21

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:35:00 PM

Quant Time: May 04 02:24:37 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	640	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	2723	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1773	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4546m	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	5123m	0.40	ng/ul	0.00
20) Perylene-d12	24.34	264	4073m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1442	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.63	212	5193m	0.27	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.69	178	295m	0.022	ng/ul	
15) Fluoranthene	19.66	202	577m	0.030	ng/ul	
17) Pyrene	20.00	202	305m	0.053	ng/ul	
18) Benzo(a)anthracene	21.73	228	171m	0.021	ng/ul	
19) Chrysene	21.78	228	321m	0.021	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096331.D
Acq On : 3 May 2018 20:03
Operator : SJ/JU
Sample : J2440-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y21

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:00 PM

Quant Time: May 04 02:24:37 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
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