

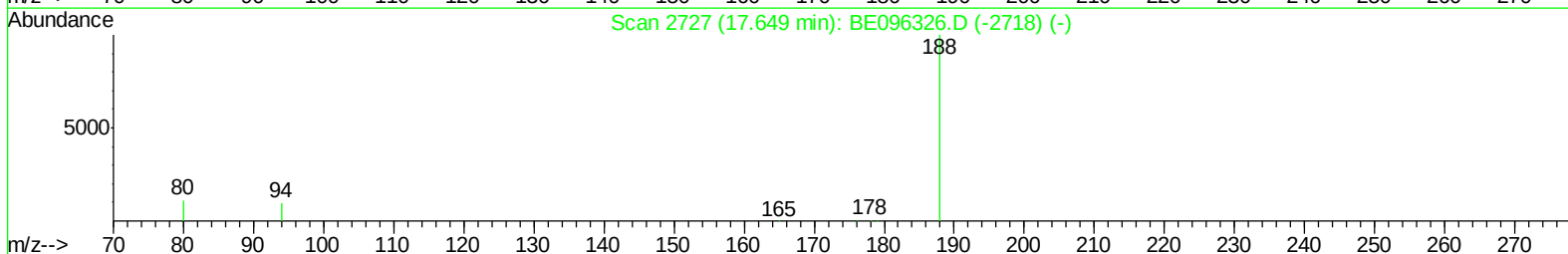
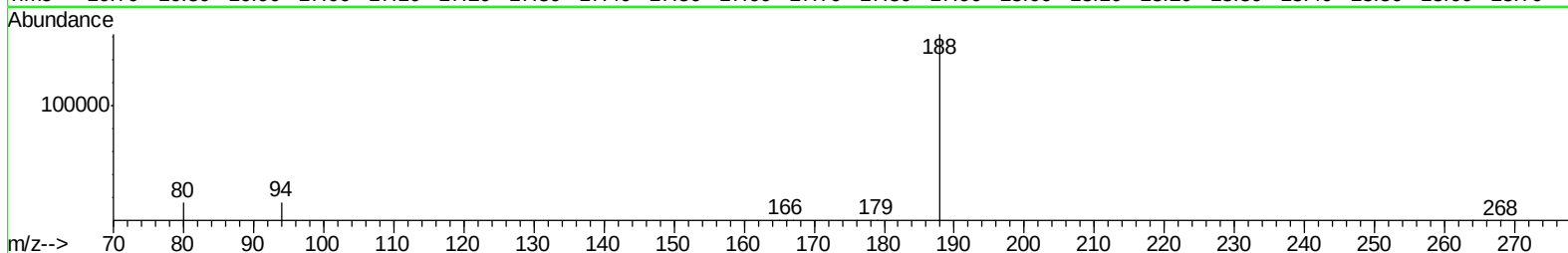
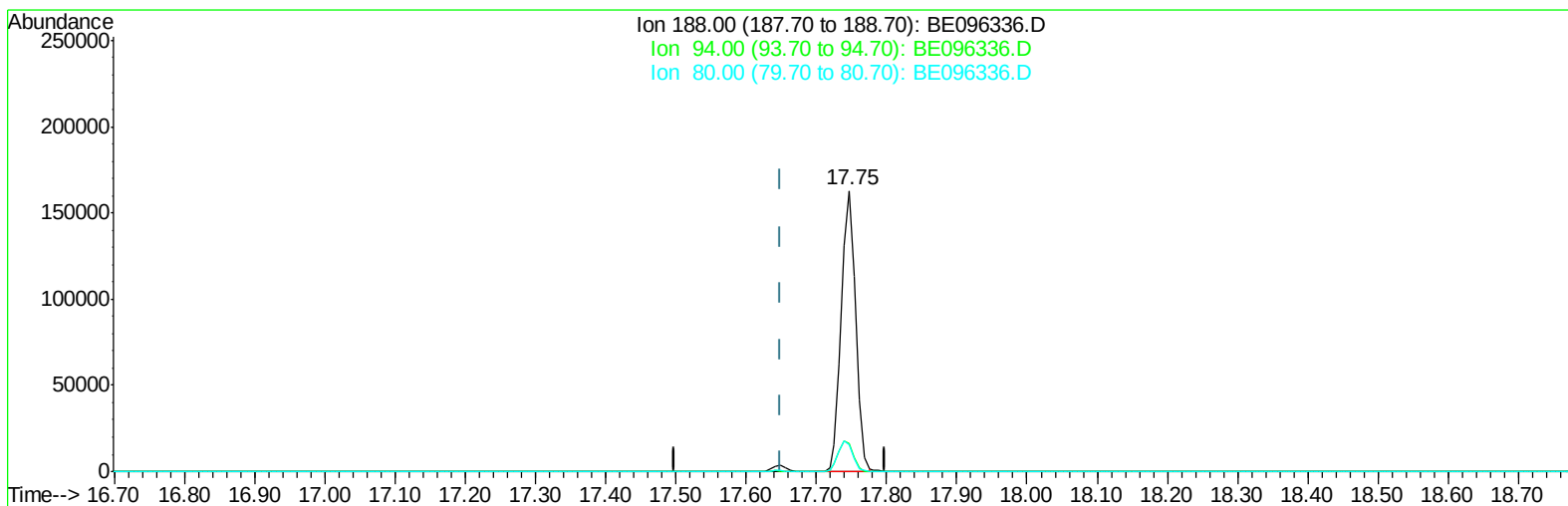
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096336.D
Acq On : 3 May 2018 23:08
Operator : SJ/JU
Sample : J2440-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y49

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 01:56:41 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: BE096336.D

(10) Phenanthrene-d10 (I)

17.747min (+0.098) 0.40ng/ul

response 226919

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.92
80.00	11.80	9.37#
0.00	0.00	0.00

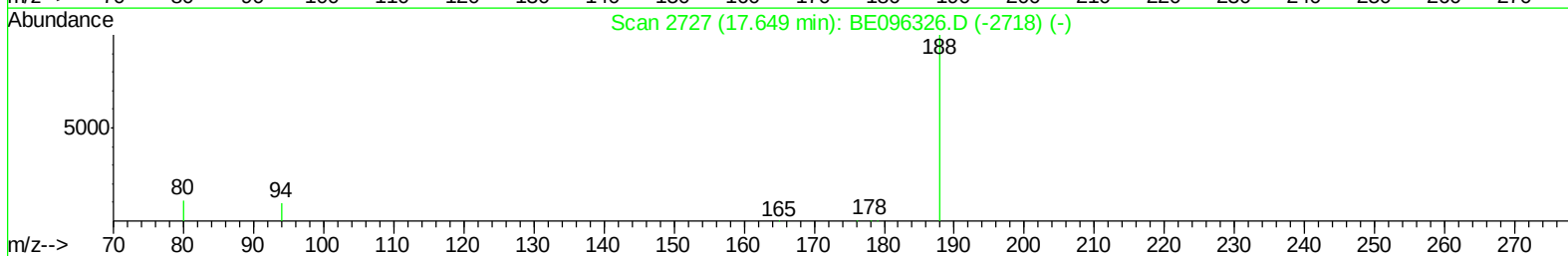
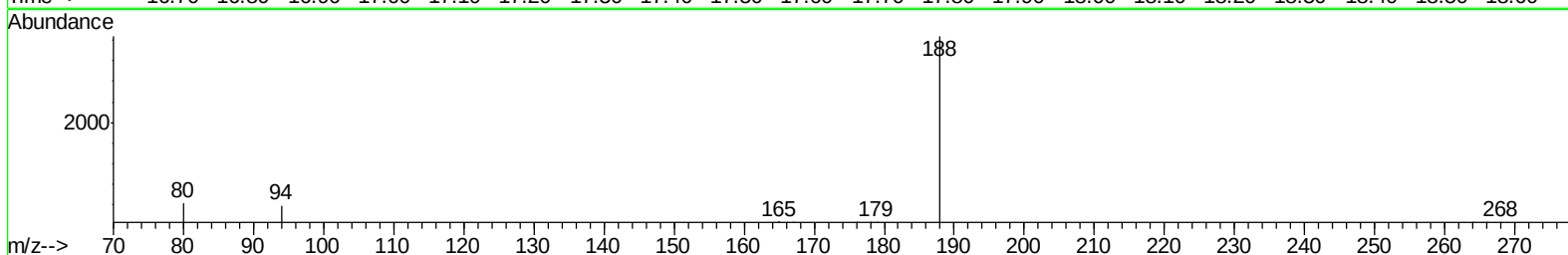
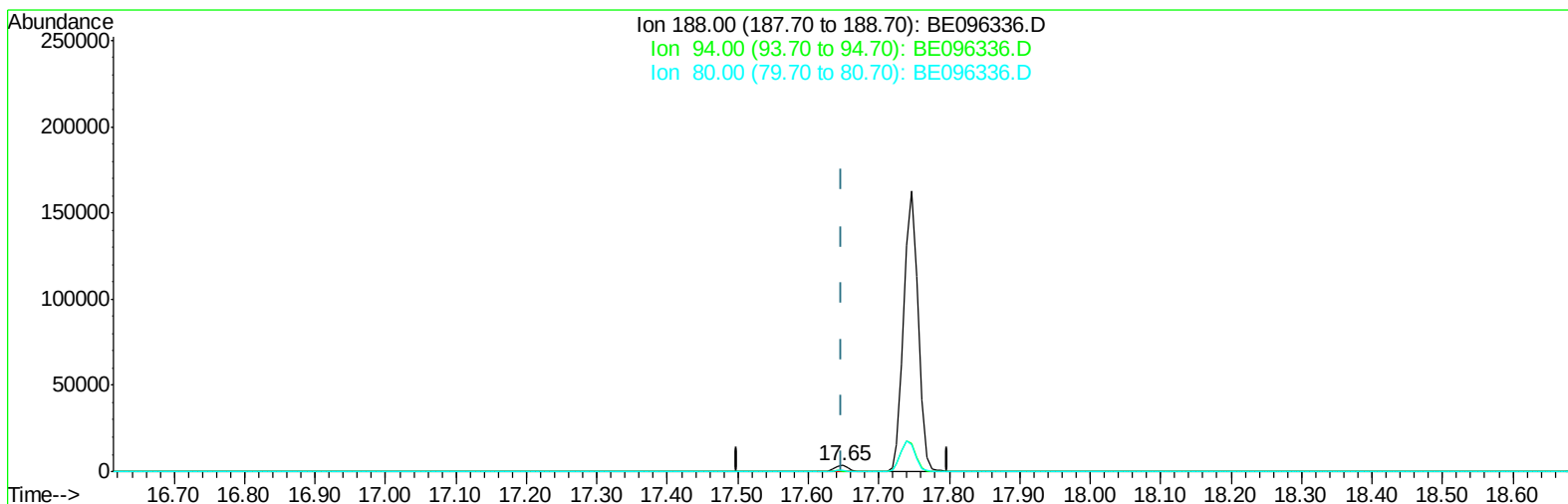
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096336.D
Acq On : 3 May 2018 23:08
Operator : SJ/JU
Sample : J2440-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y49

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 01:56:41 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: BE096336.D

(10) Phenanthrene-d10 (I)

17.648min (-0.001) 0.40ng/ul m

response 5232

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.02
80.00	11.80	11.51
0.00	0.00	0.00

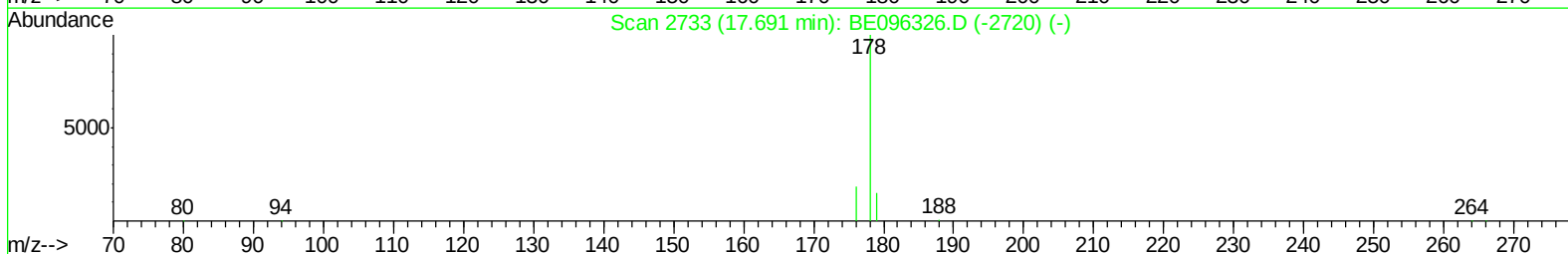
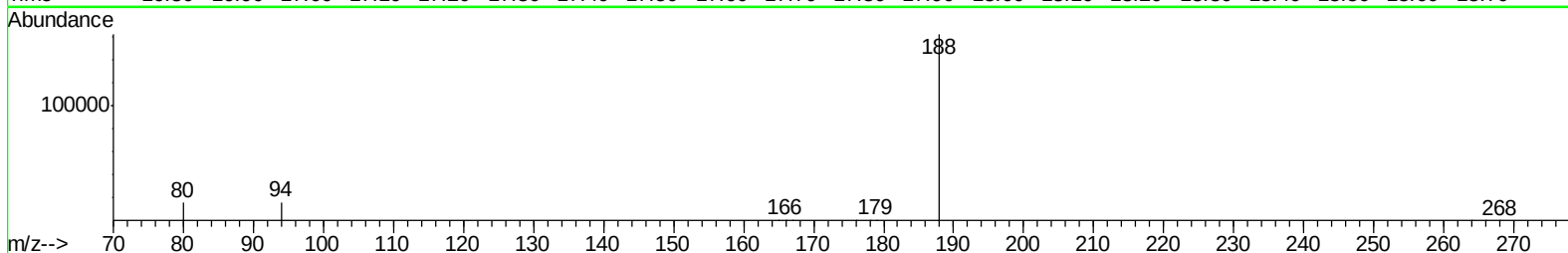
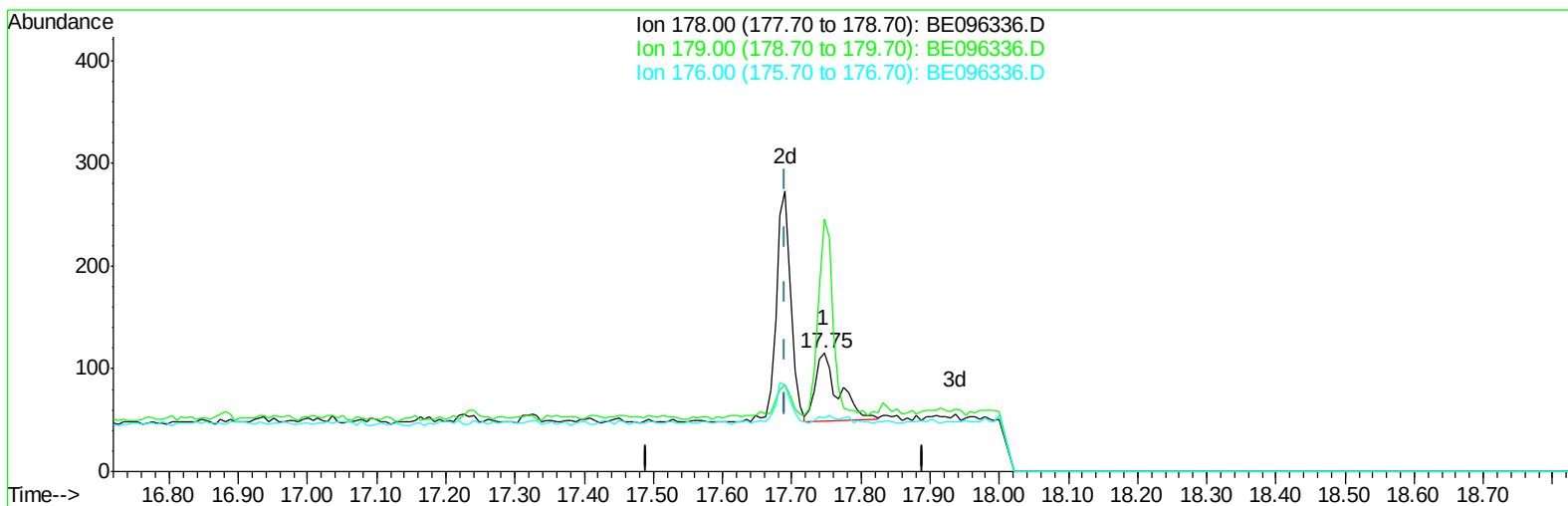
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096336.D
Acq On : 3 May 2018 23:08
Operator : SJ/JU
Sample : J2440-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y49

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 04:00:31 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: BE096336.D

(12) Phenanthrene

17.747min (+0.056) 0.01ng/ul

response 151

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	213.91#
176.00	17.00	45.22#
0.00	0.00	0.00

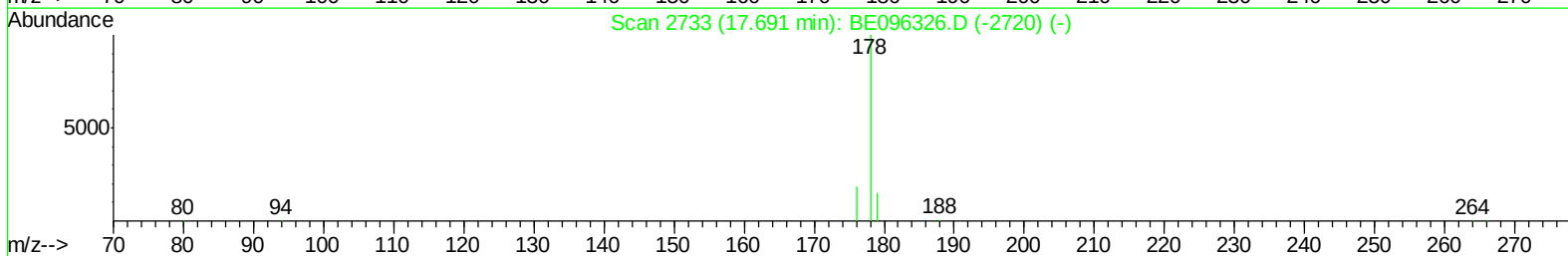
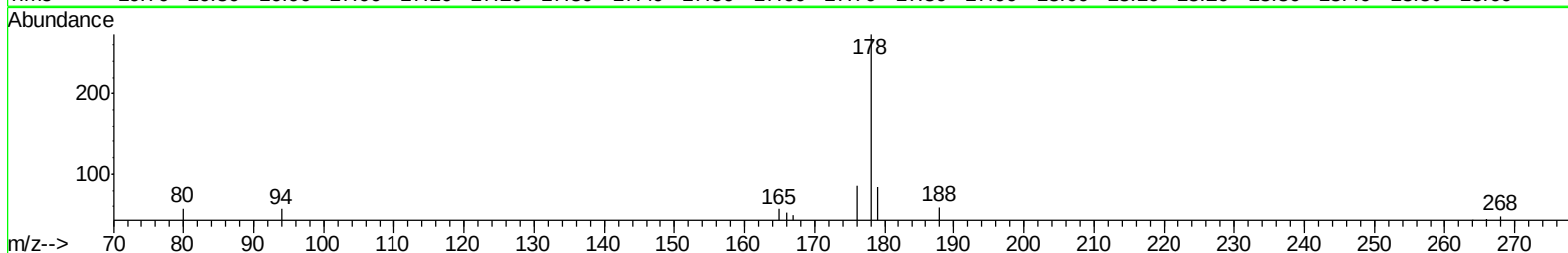
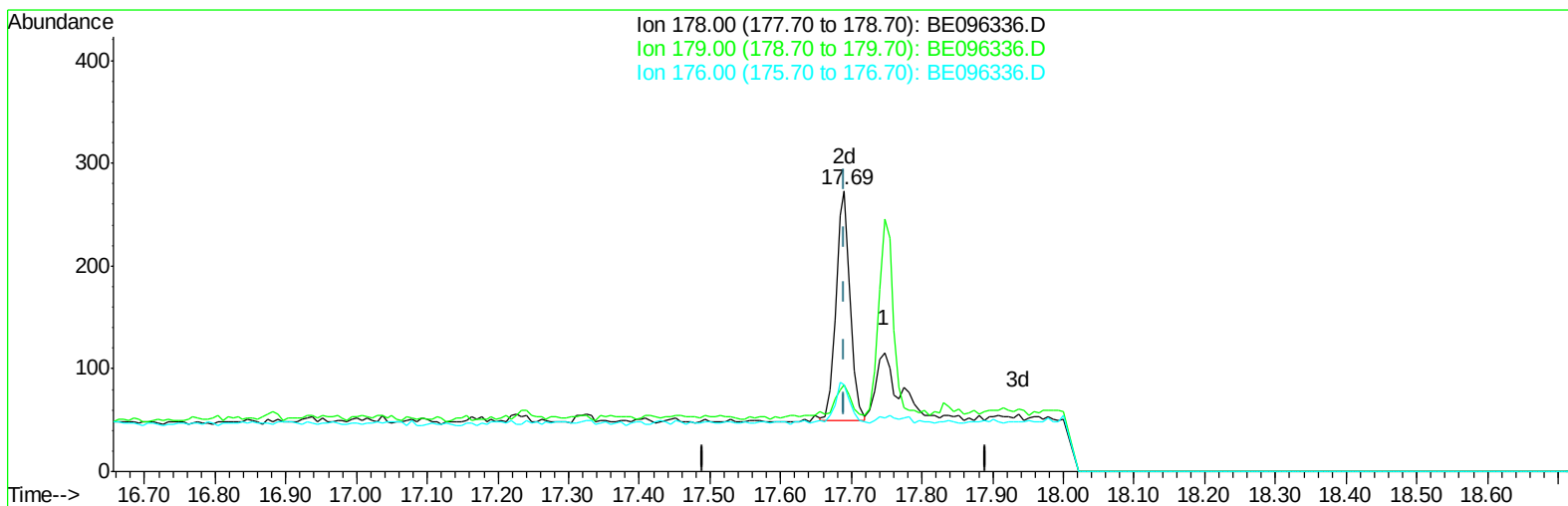
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096336.D
Acq On : 3 May 2018 23:08
Operator : SJ/JU
Sample : J2440-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y49

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 04:00:31 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: BE096336.D

(12) Phenanthrene

17.690min (-0.001) 0.02ng/ul m

response 317

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	30.77#
176.00	17.00	31.14#
0.00	0.00	0.00

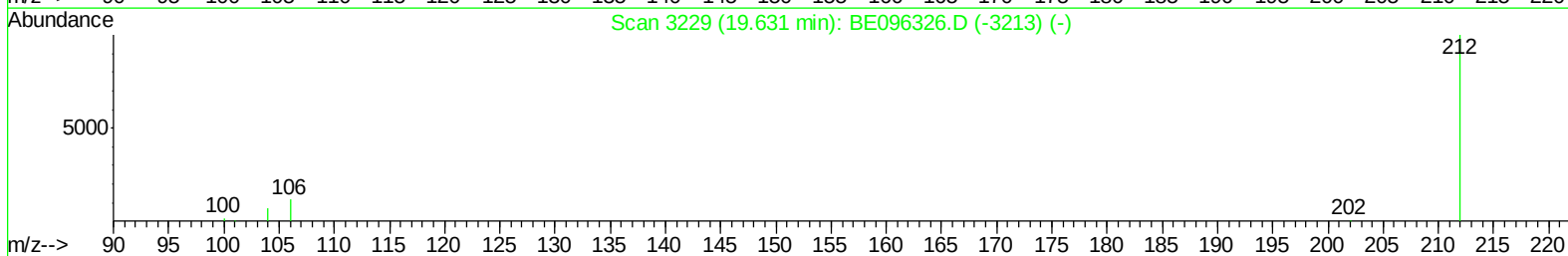
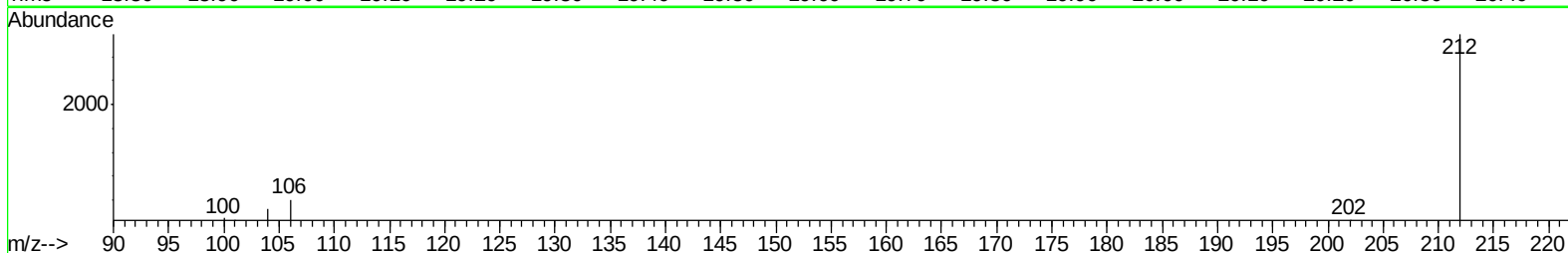
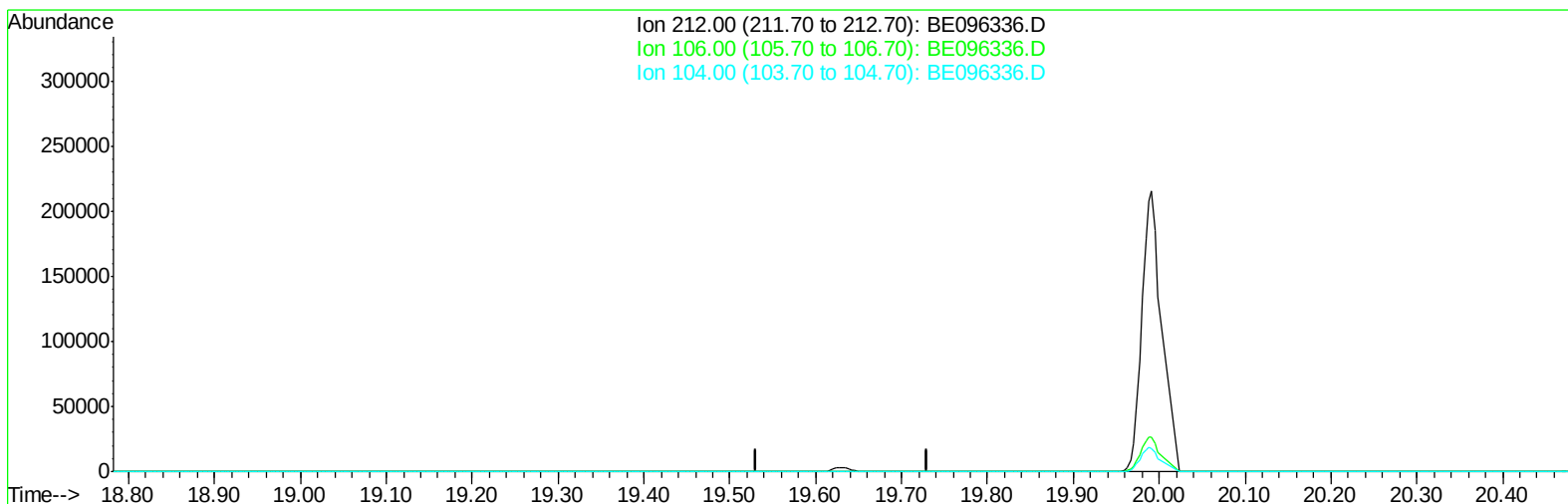
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096336.D
Acq On : 3 May 2018 23:08
Operator : SJ/JU
Sample : J2440-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y49

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 04:00:31 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: BE096336.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

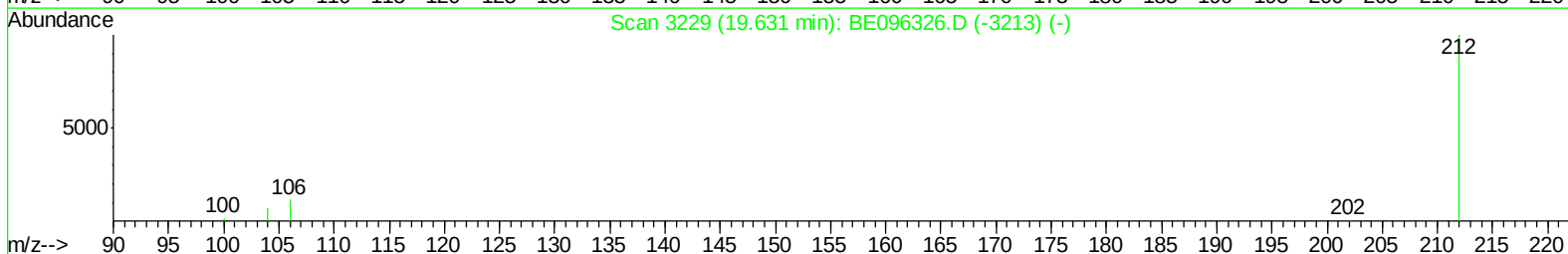
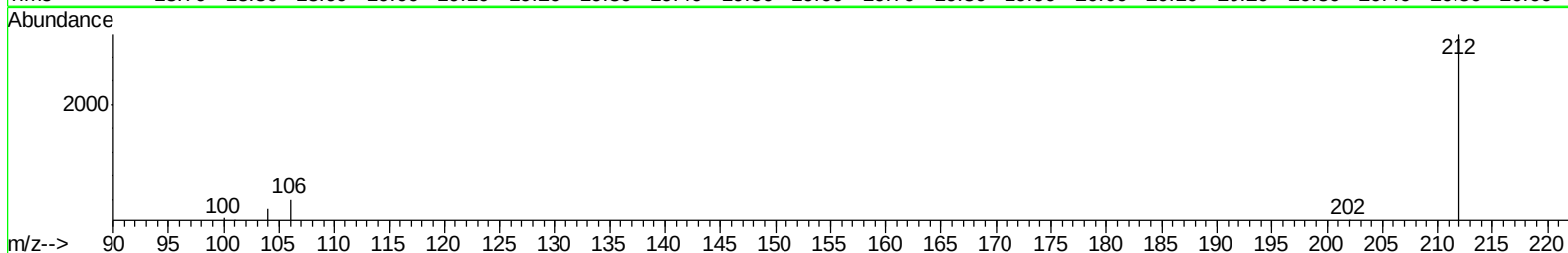
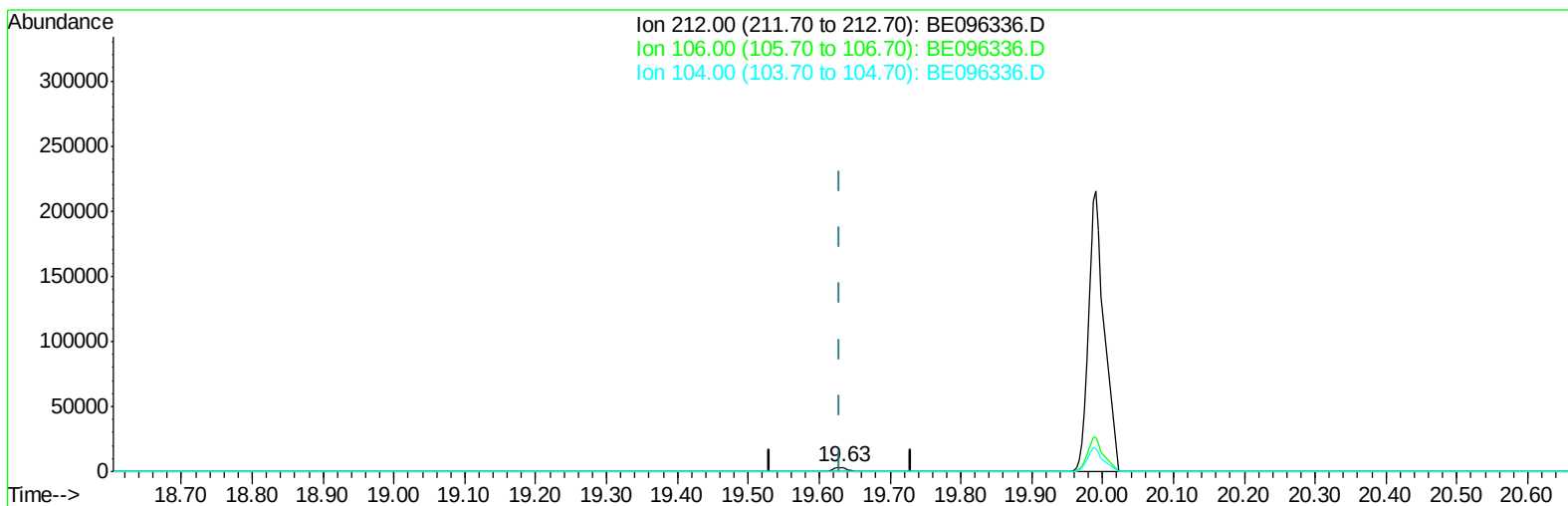
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096336.D
Acq On : 3 May 2018 23:08
Operator : SJ/JU
Sample : J2440-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y49

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 04:00:31 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: BE096336.D

(14) Fluoranthene-d10 (SURRE)

19.631min (+0.000) 0.19ng/ul m

response 4313

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

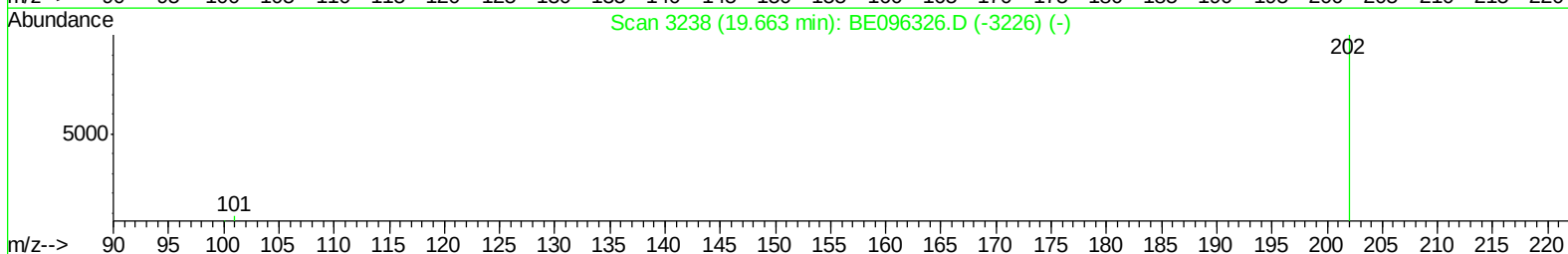
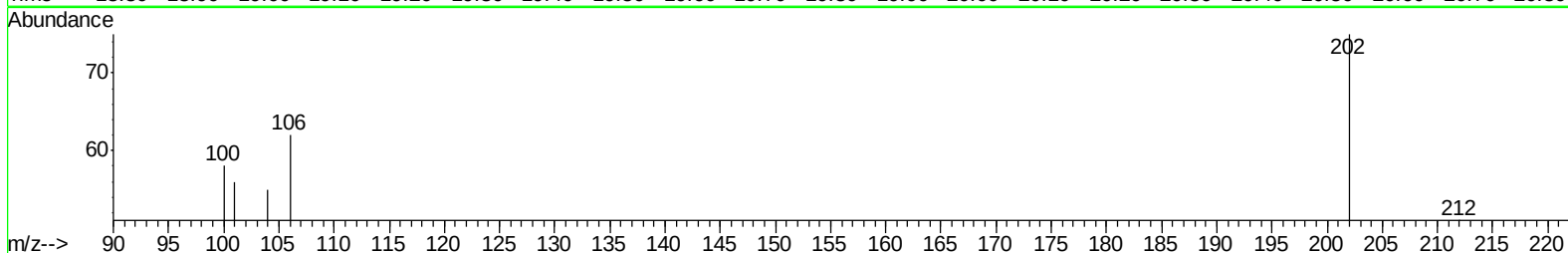
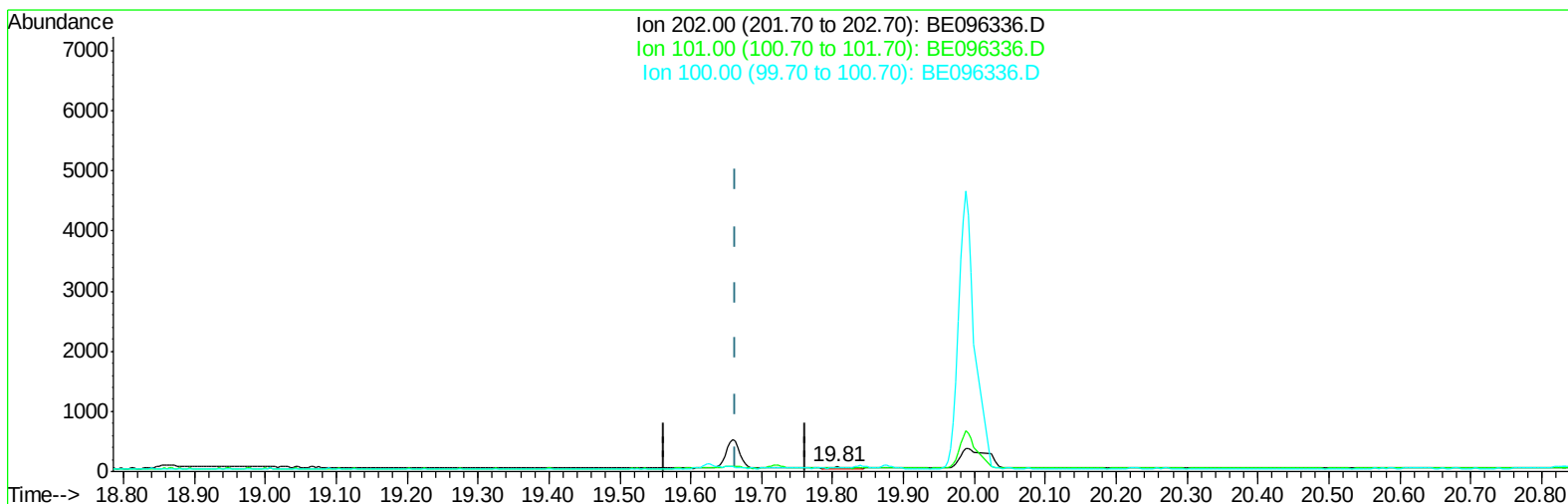
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096336.D
Acq On : 3 May 2018 23:08
Operator : SJ/JU
Sample : J2440-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y49

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 04:00:31 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: BE096336.D

(15) Fluoranthene (C)

19.806min (+0.143) 0.00ng/ul

response 32

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	74.67#
100.00	19.50	77.33#
0.00	0.00	0.00

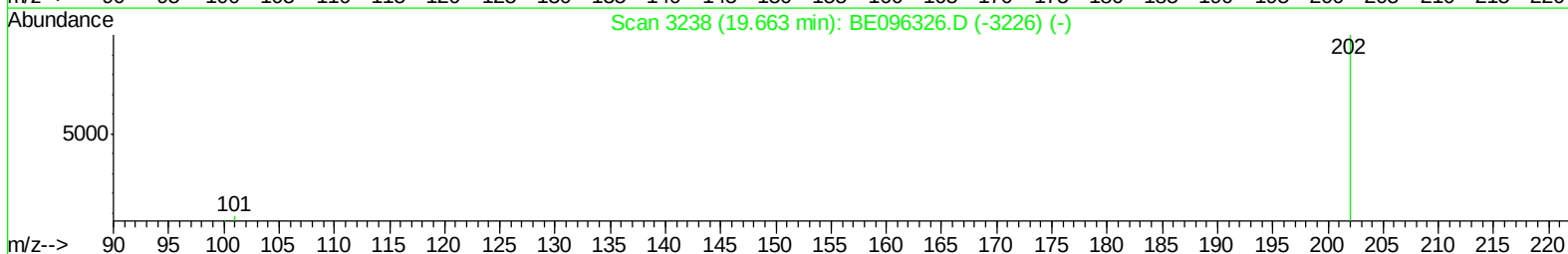
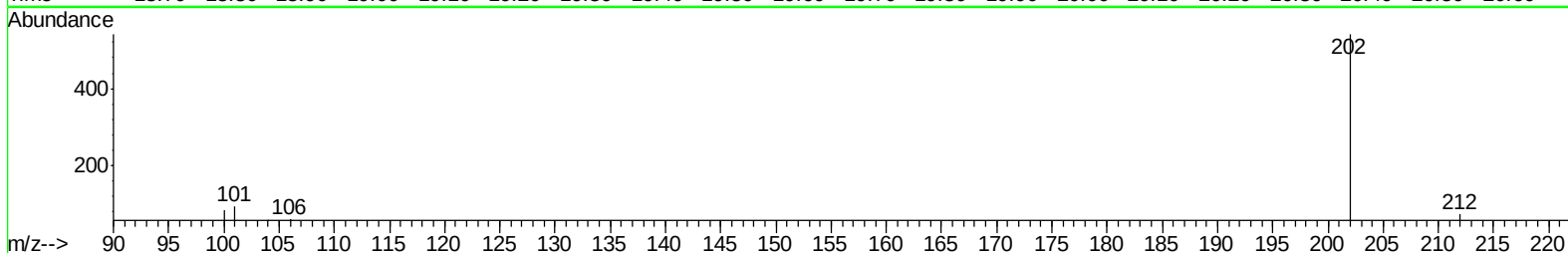
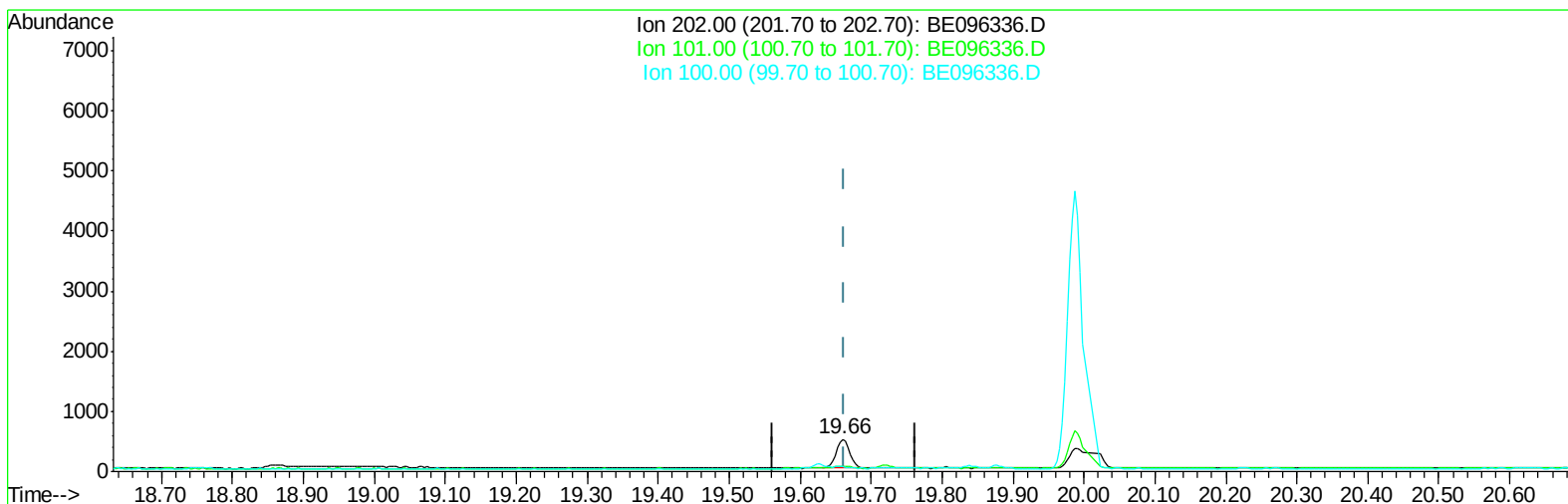
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096336.D
Acq On : 3 May 2018 23:08
Operator : SJ/JU
Sample : J2440-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y49

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 04:00:31 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: BE096336.D

(15) Fluoranthene (C)

19.660min (-0.003) 0.03ng/ul m

response 624

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	17.19
100.00	19.50	15.53
0.00	0.00	0.00

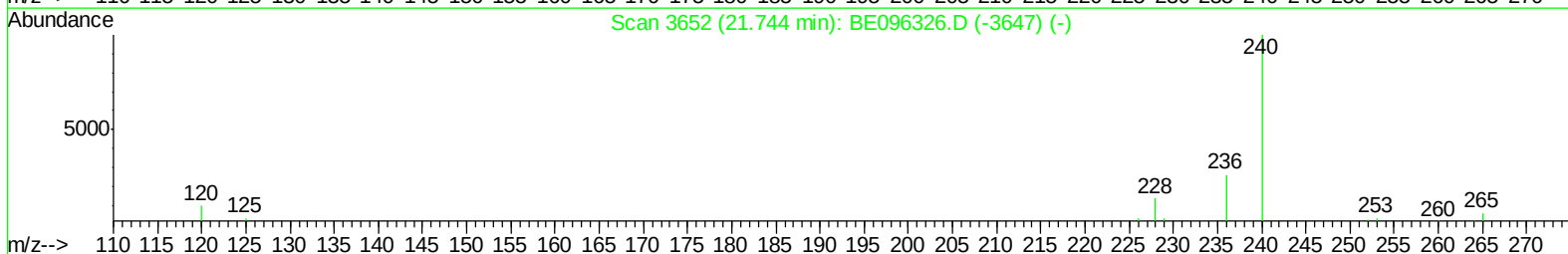
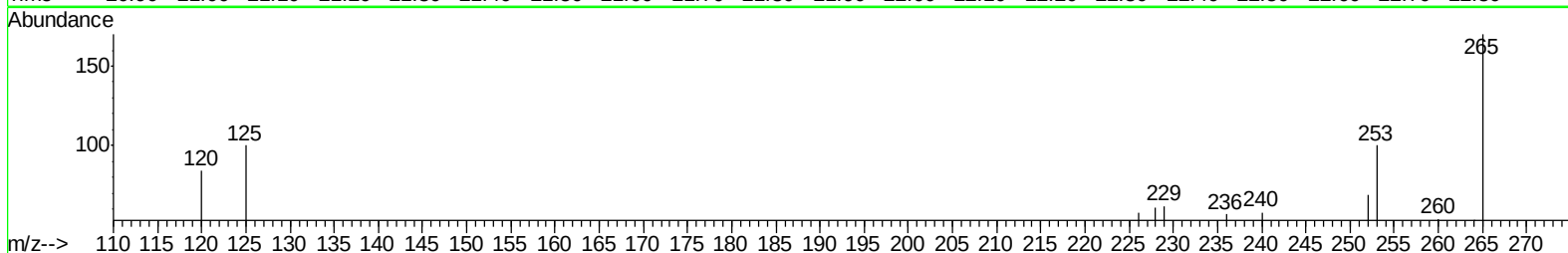
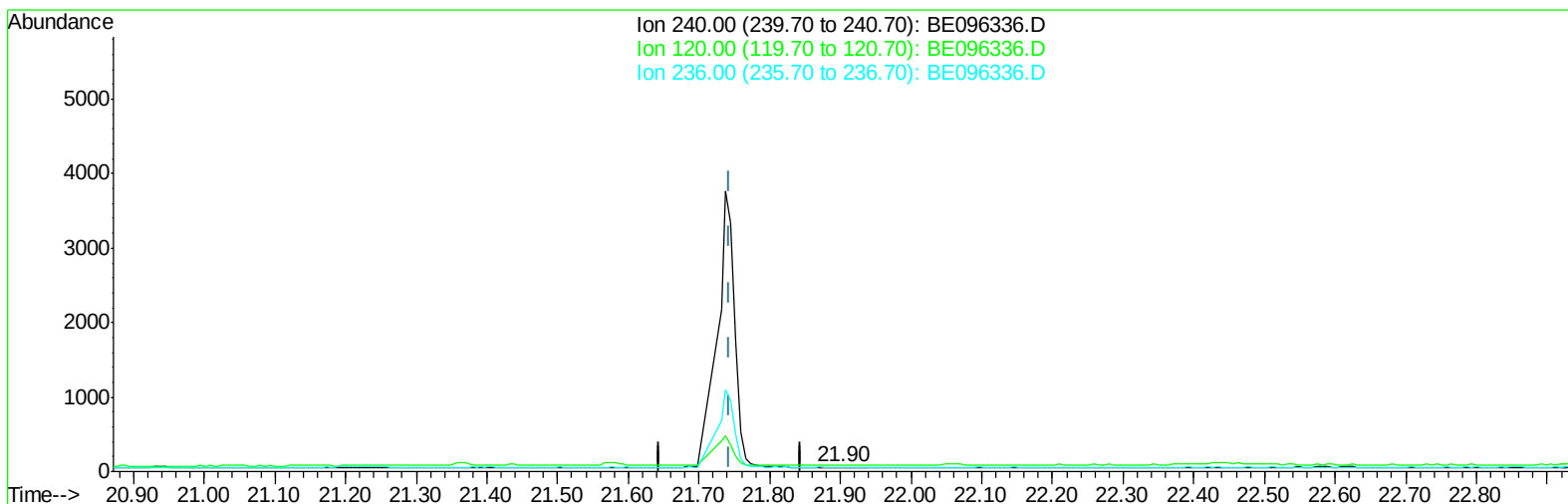
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096336.D
Acq On : 3 May 2018 23:08
Operator : SJ/JU
Sample : J2440-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y49

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 04:00:31 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: BE096336.D

(16) Chrysene-d12 (I)

21.900min (+0.156) 0.40ng/ul

response 15

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	144.83#
236.00	34.90	98.28#
0.00	0.00	0.00

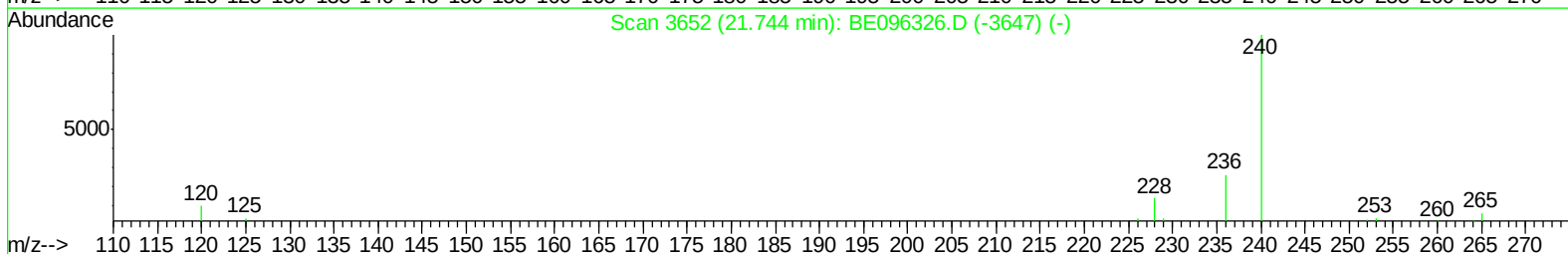
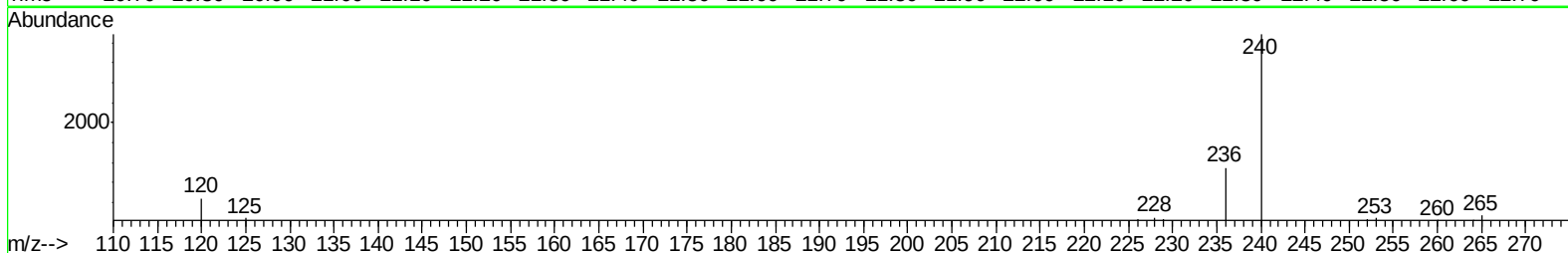
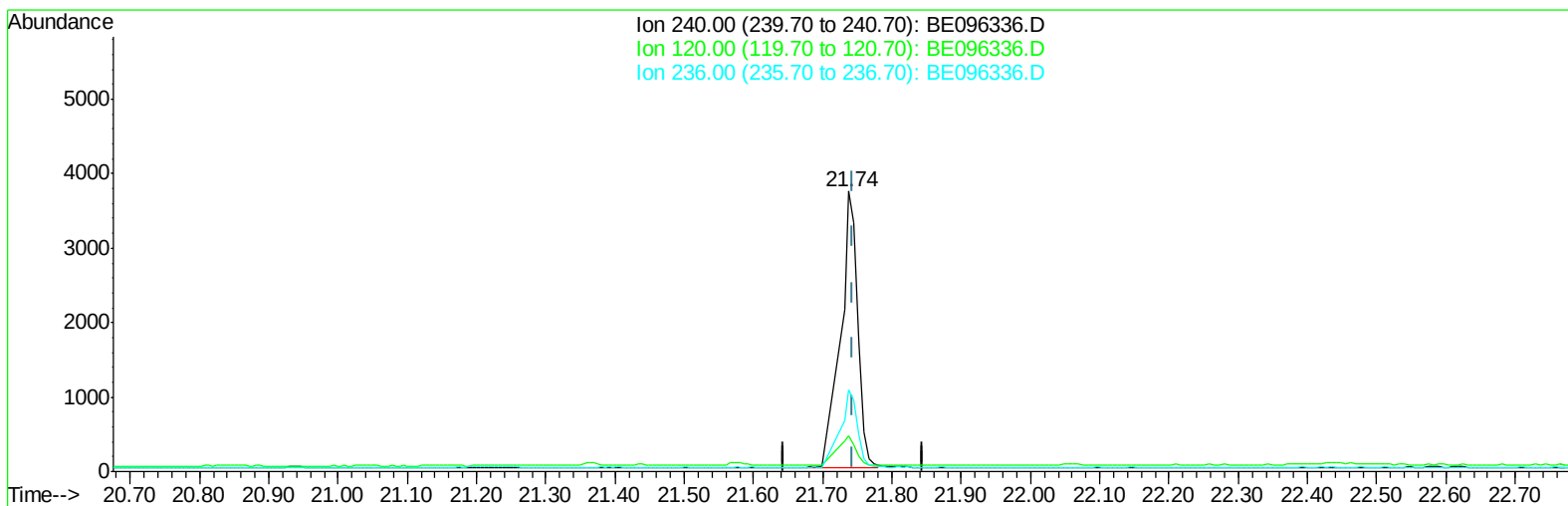
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096336.D
Acq On : 3 May 2018 23:08
Operator : SJ/JU
Sample : J2440-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y49

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 04:00:31 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: BE096336.D

(16) Chrysene-d12 (I)

21.738min (-0.006) 0.40ng/ul m

response 5956

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	12.95#
236.00	34.90	29.20
0.00	0.00	0.00

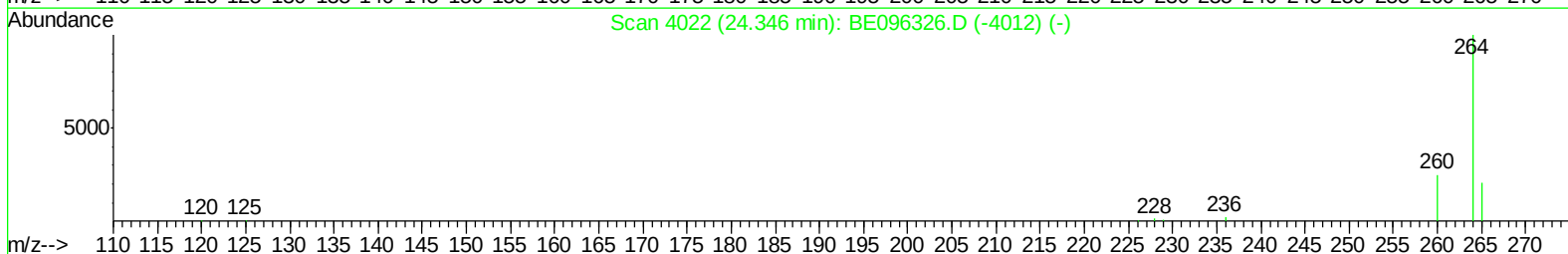
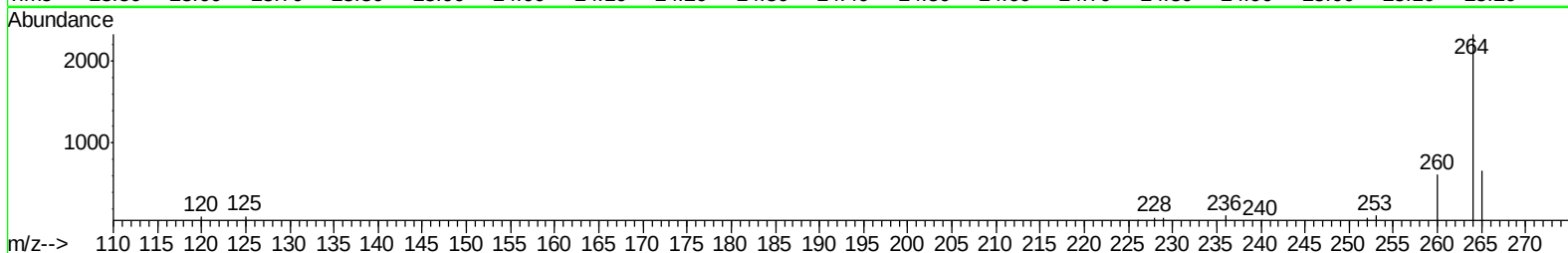
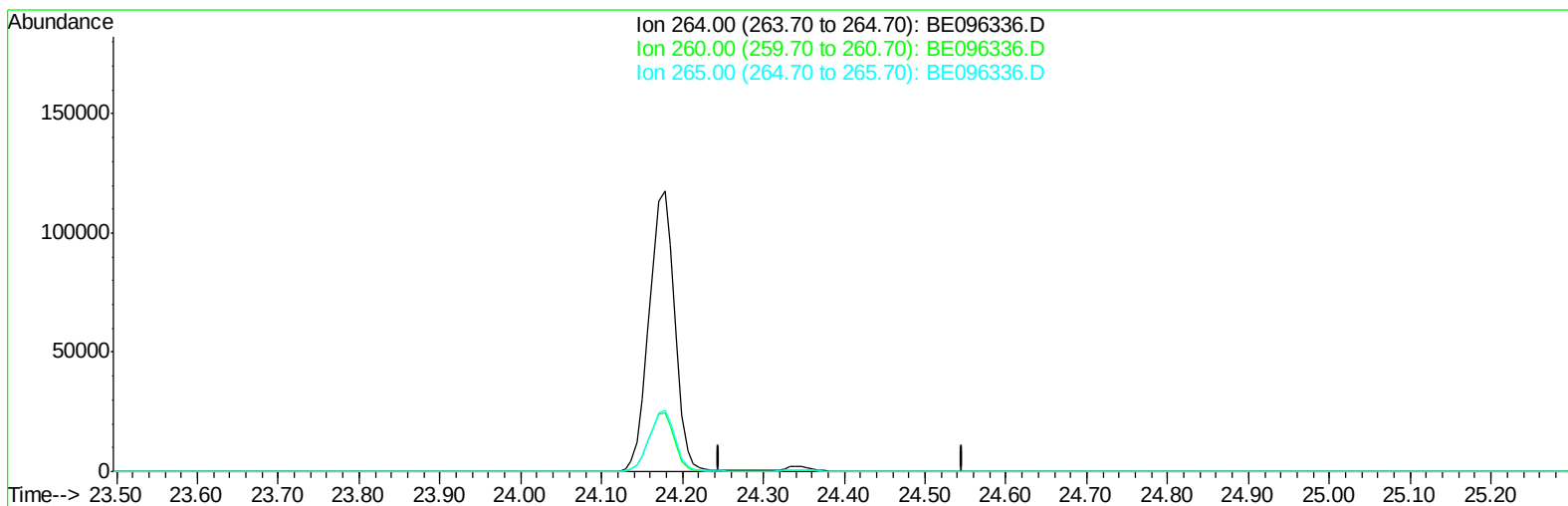
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096336.D
Acq On : 3 May 2018 23:08
Operator : SJ/JU
Sample : J2440-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y49

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 04:02:05 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: BE096336.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

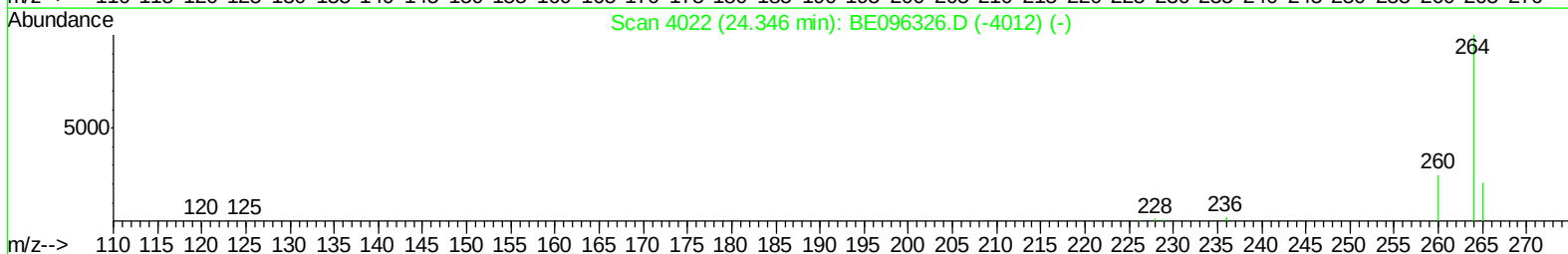
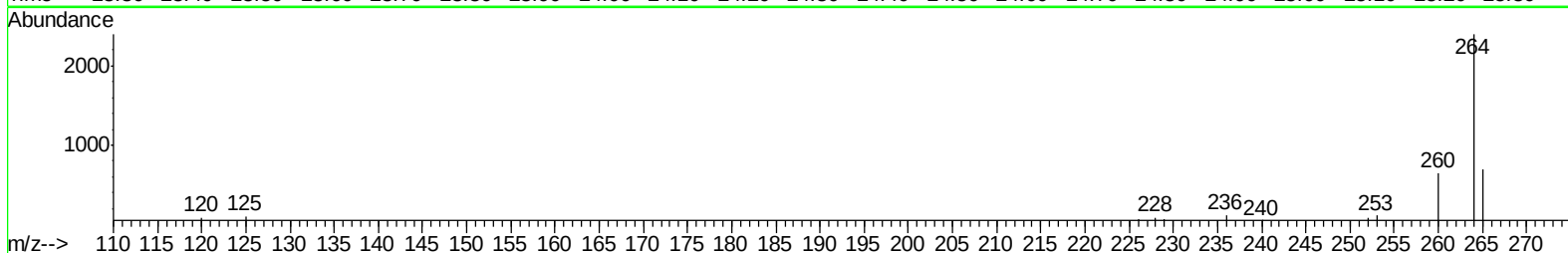
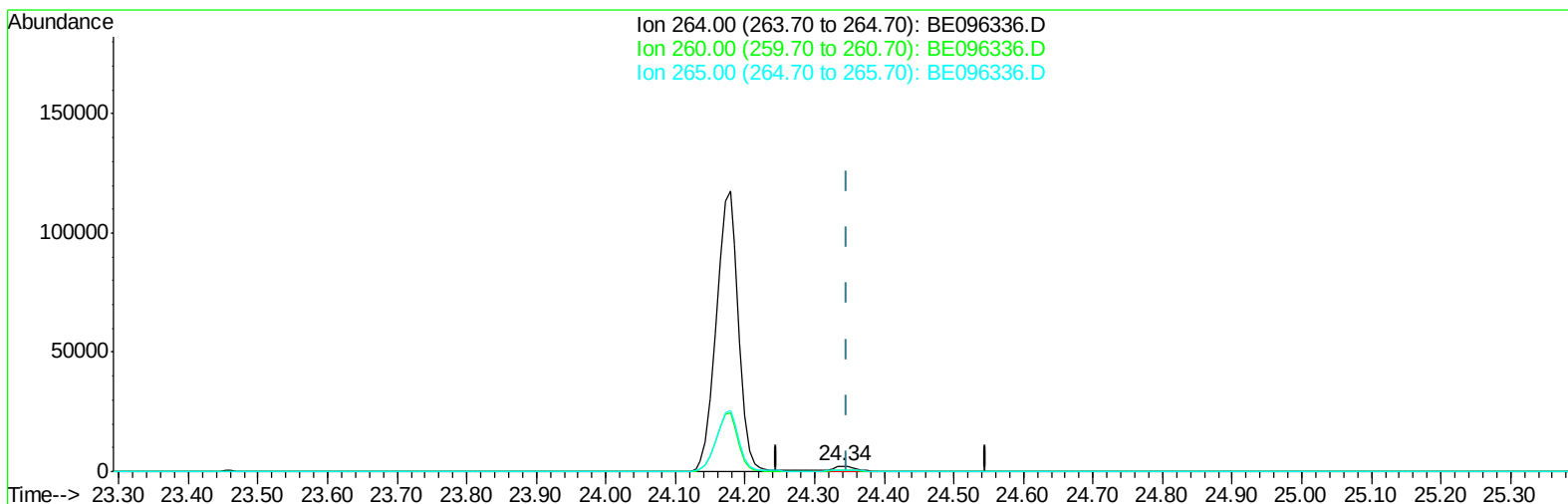
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096336.D
Acq On : 3 May 2018 23:08
Operator : SJ/JU
Sample : J2440-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y49

Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 04:02:05 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: BE096336.D

(20) Perylene-d12 (I)

24.340min (-0.006) 0.40ng/ul m

response 4835

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.00
265.00	103.50	28.96#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
 Data File : BE096336.D
 Acq On : 3 May 2018 23:08
 Operator : SJ/JU
 Sample : J2440-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y49

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:35:09 PM

Quant Time: May 04 04:03:36 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	735	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3174	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2016	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5232m	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	5956m	0.40	ng/ul	0.00
20) Perylene-d12	24.34	264	4835m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1101	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.63	212	4313m	0.19	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.69	178	317m	0.020	ng/ul	Ovalue
15) Fluoranthene	19.66	202	624m	0.028	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
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Manual Integrations
APPROVED

Sohil
5/4/2018 1:35:09 PM

Quant Time: May 04 04:03:36 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

