

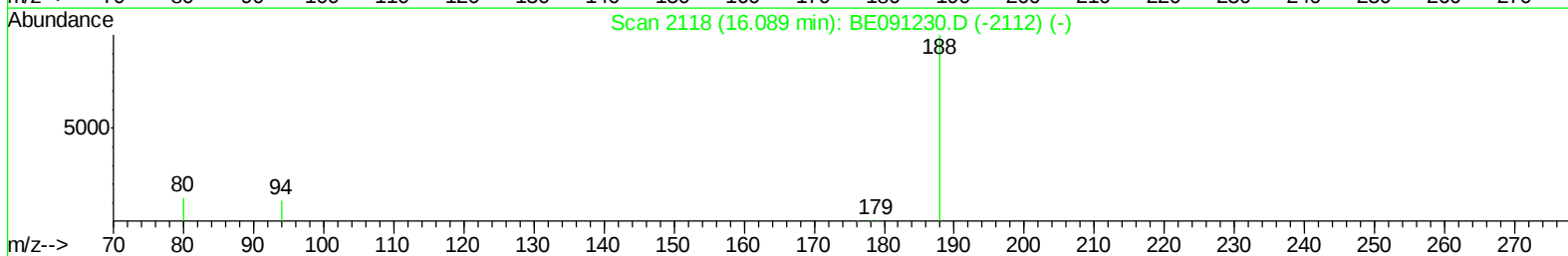
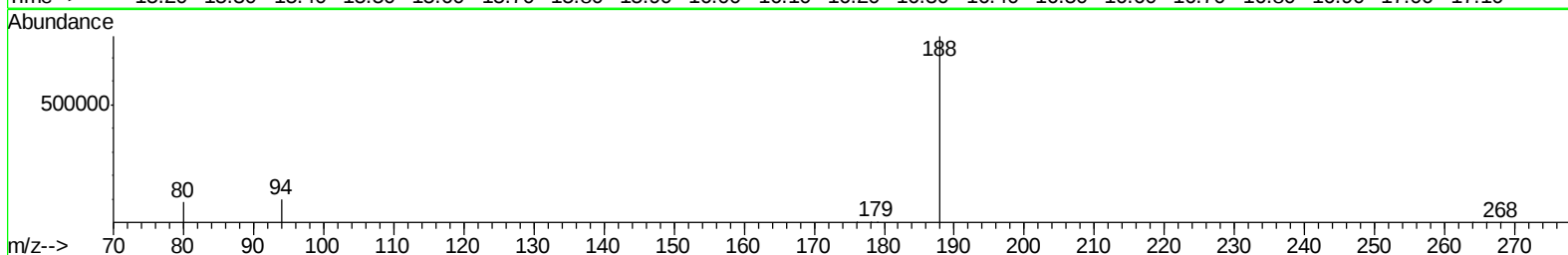
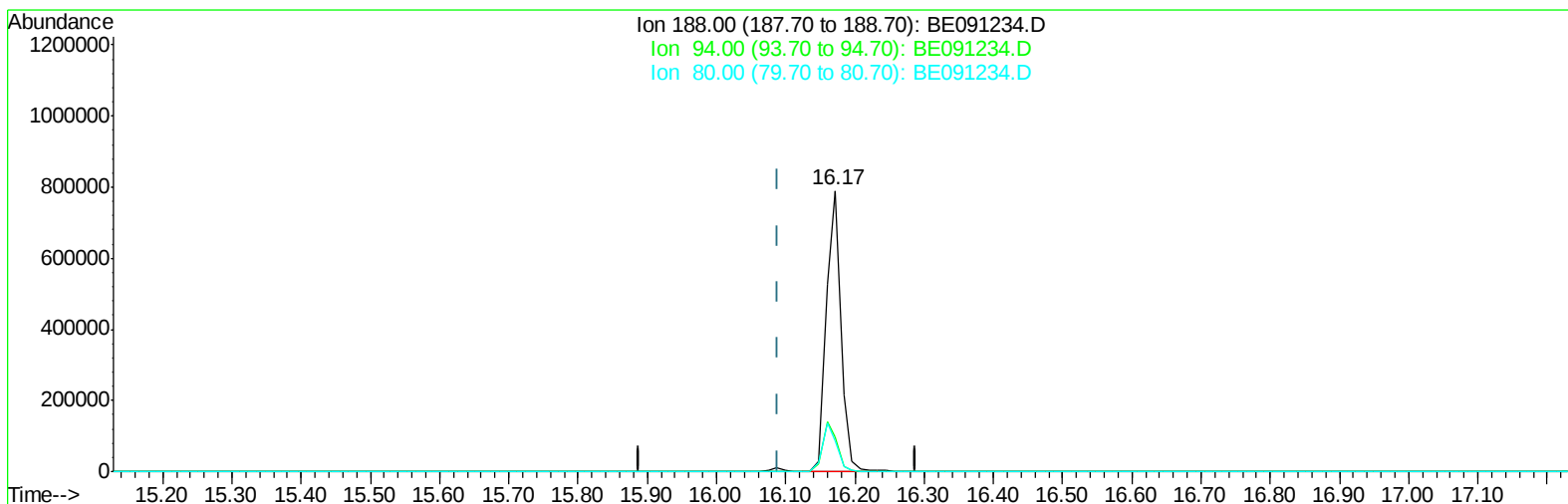
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
Data File : BE091234.D
Acq On : 18 Nov 2015 18:57
Operator : UM/NP
Sample : G4309-12RE
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
D9KQ3RE

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:44 PM

Quant Time: Nov 19 06:04:37 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 06:02:12 2015
Response via : Initial Calibration



TIC: BE091234.D

(12) Phenanthrene-d10 (I)

16.172min (+0.083) 0.40ng/ul

response 1166913

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	12.12#
80.00	8.90	10.84#
0.00	0.00	0.00

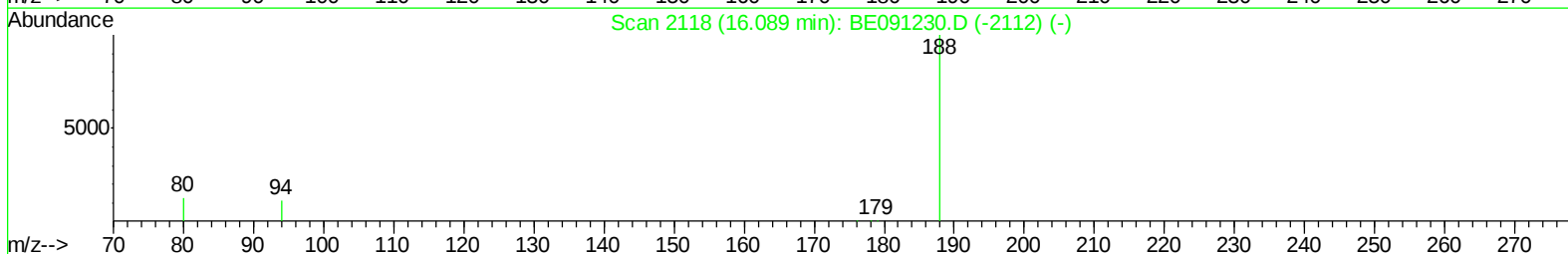
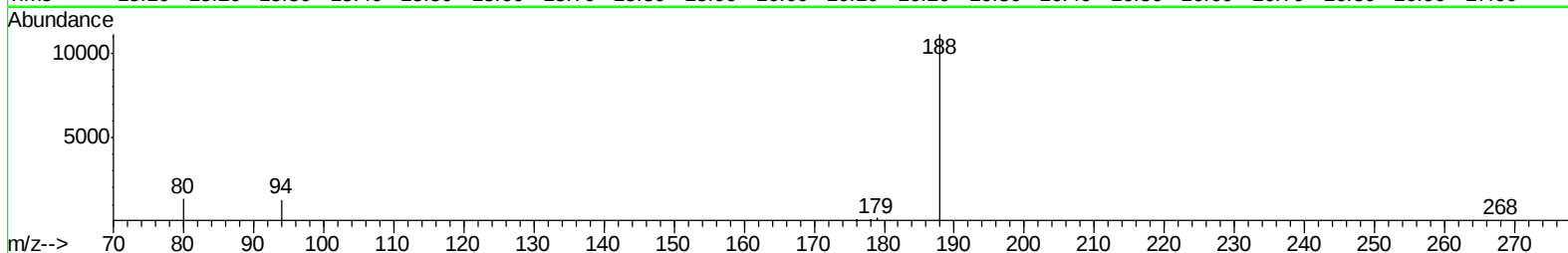
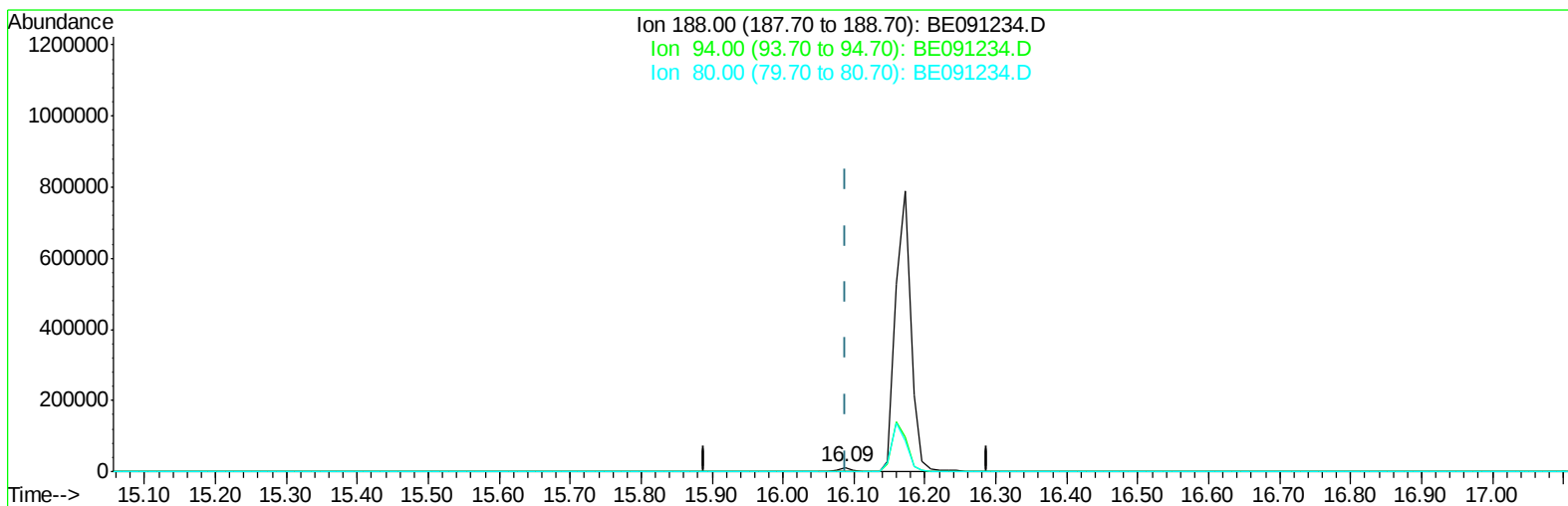
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
Data File : BE091234.D
Acq On : 18 Nov 2015 18:57
Operator : UM/NP
Sample : G4309-12RE
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
D9KQ3RE

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:44 PM

Quant Time: Nov 19 06:04:37 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 06:02:12 2015
Response via : Initial Calibration



TIC: BE091234.D

(12) Phenanthrene-d10 (I)

16.087min (-0.002) 0.40ng/ul m

response 15031

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	11.50#
80.00	8.90	11.88#
0.00	0.00	0.00

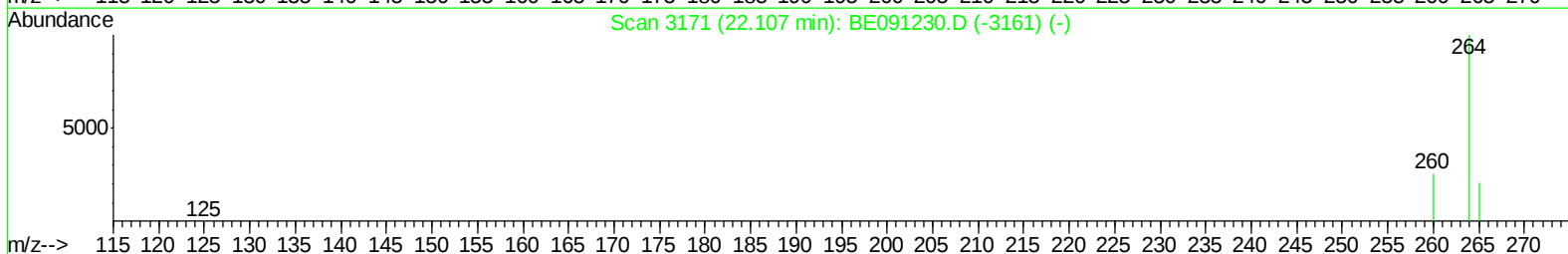
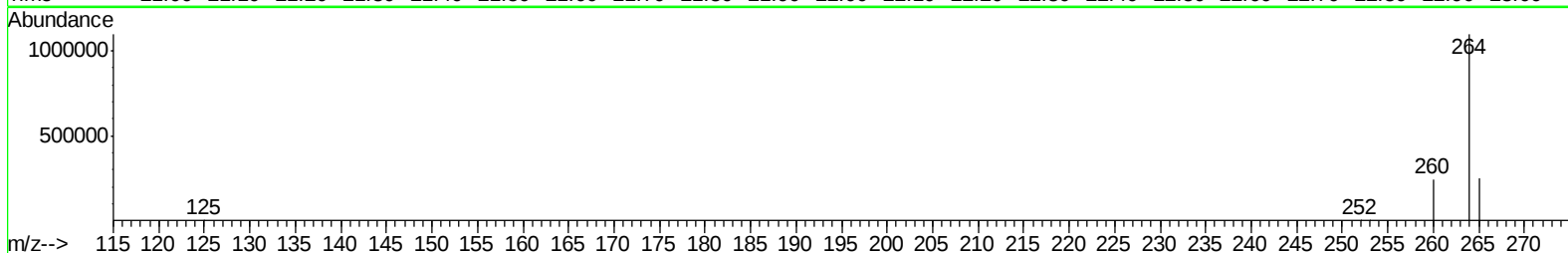
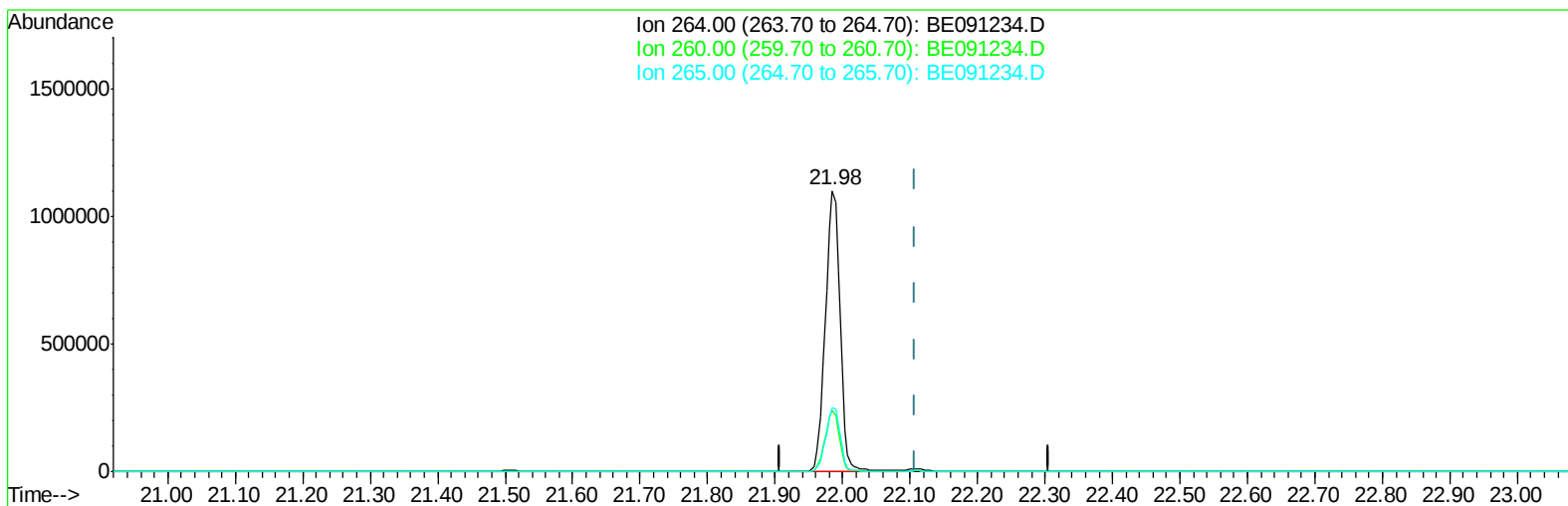
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
Data File : BE091234.D
Acq On : 18 Nov 2015 18:57
Operator : UM/NP
Sample : G4309-12RE
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
D9KQ3RE

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:44 PM

Quant Time: Nov 19 06:24:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 06:02:12 2015
Response via : Initial Calibration



TIC: BE091234.D

(22) Perylene-d12 (I)

21.985min (-0.122) 0.40ng/ul

response 1677272

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	22.05#
265.00	34.70	22.59#
0.00	0.00	0.00

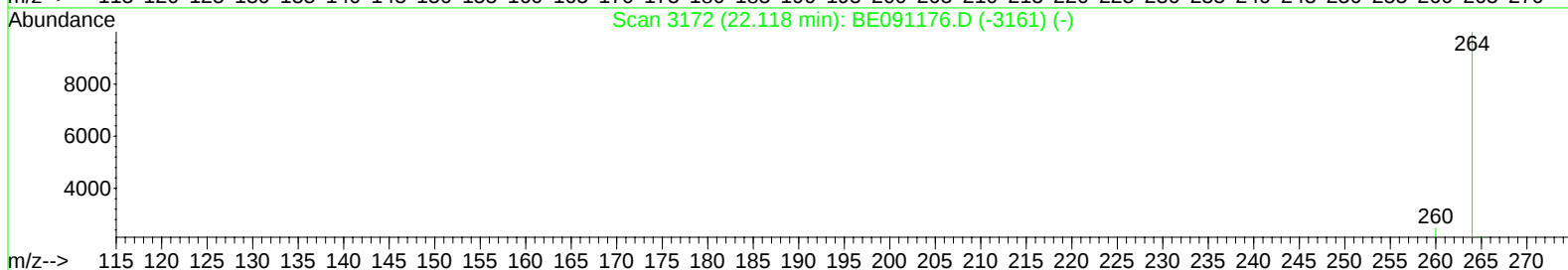
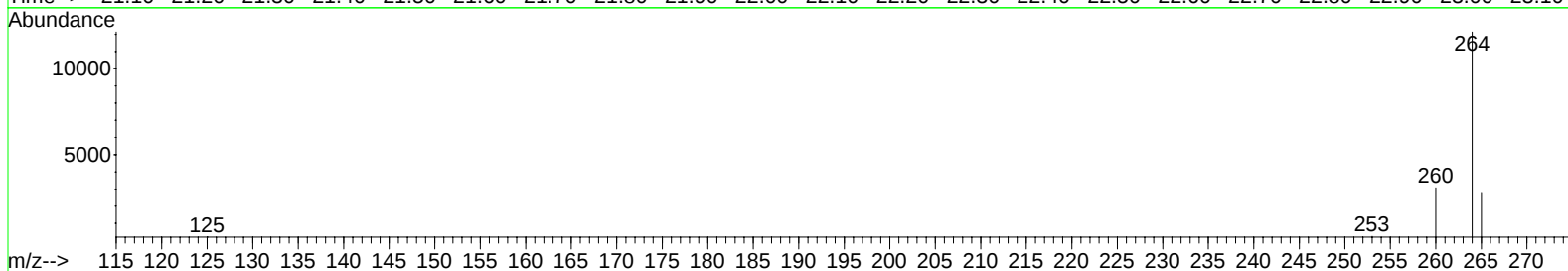
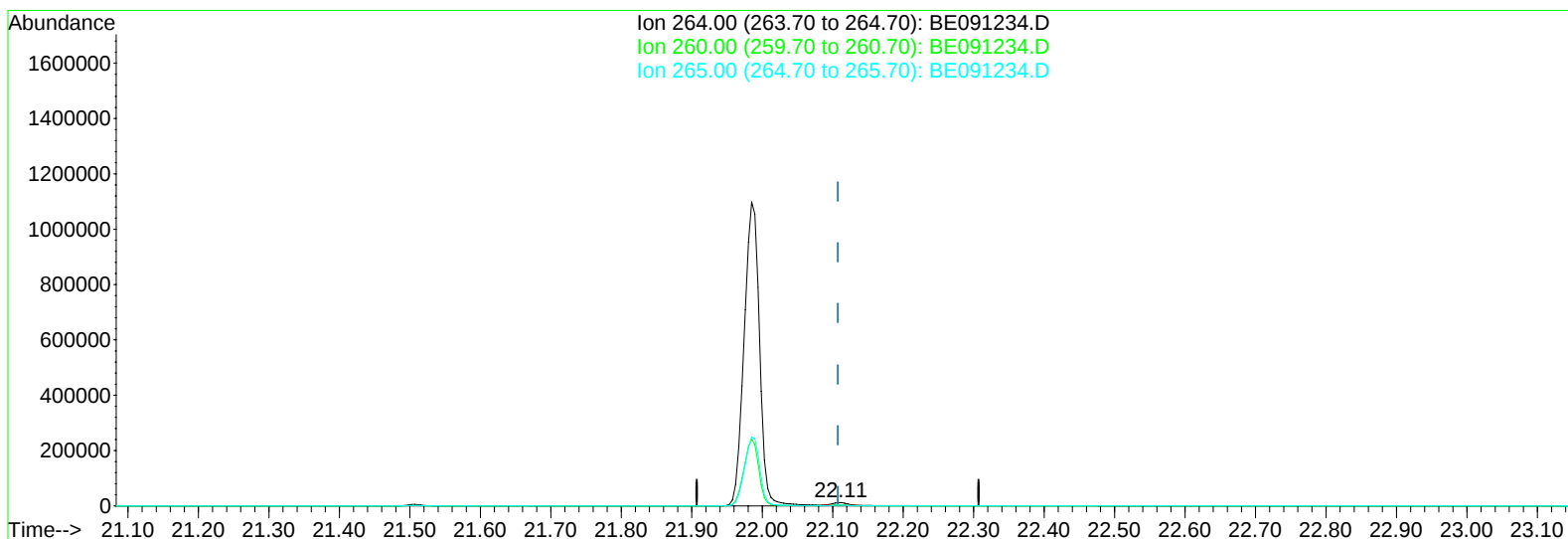
Data Path : Z:\HPCHEM1\BNA E\Data\BE111815\
Data File : BE091234.D
Acq On : 18 Nov 2015 18:57
Operator : UM/NP
Sample : G4309-12RE
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
D9KQ3RE

Quant Time: Nov 19 06:28:00 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 06:02:12 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:44 PM



TIC: BE091234.D

(22) Perylene-d12 (I)

22.108min (+0.001) 0.40ng/ul m

response 14006

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	25.34
265.00	34.70	23.15#
0.00	0.00	0.00

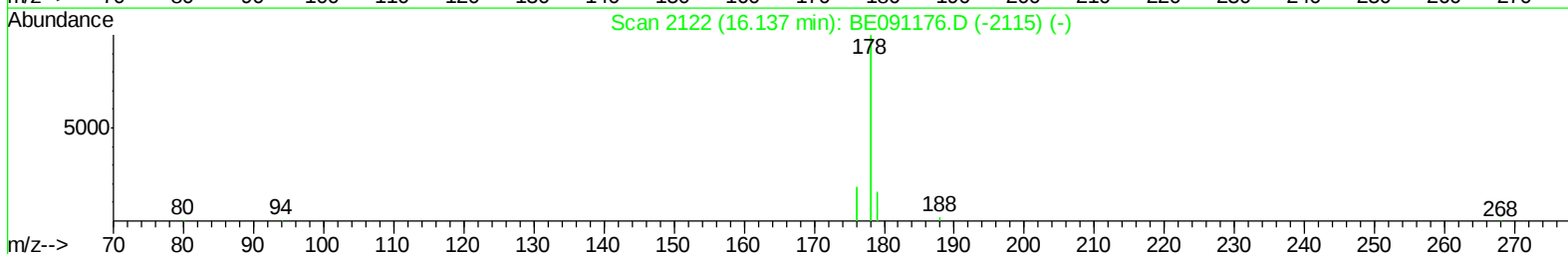
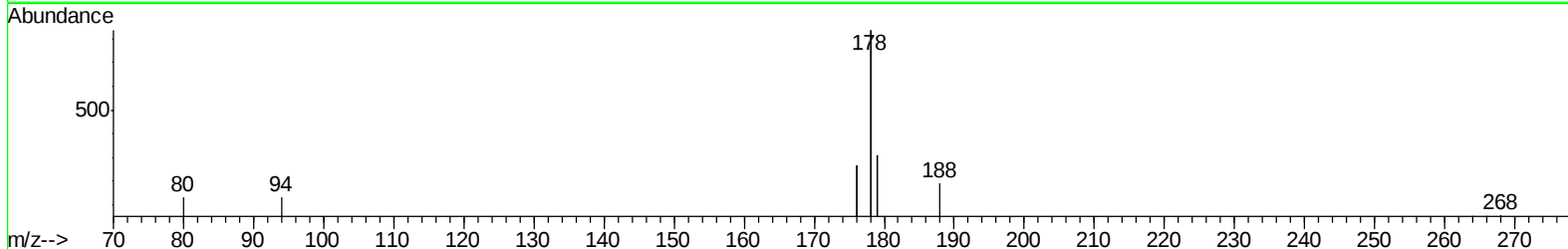
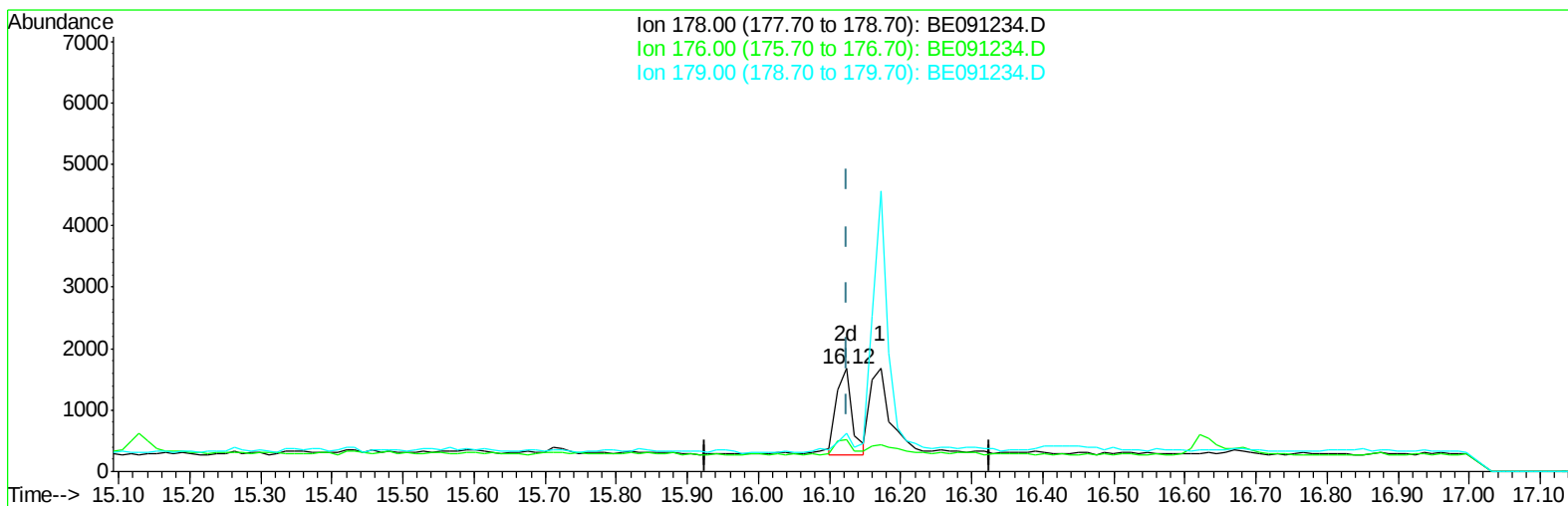
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111815\
Data File : BE091234.D
Acq On : 18 Nov 2015 18:57
Operator : UM/NP
Sample : G4309-12RE
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
D9KQ3RE

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:44 PM

Quant Time: Nov 19 18:24:15 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 06:02:12 2015
Response via : Initial Calibration



TIC: BE091234.D

(14) Phenanthrene

16.123min (-0.002) 0.01ng/ul m

response 2147

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	31.54#
179.00	16.00	37.04#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111815\
 Data File : BE091234.D
 Acq On : 18 Nov 2015 18:57
 Operator : UM/NP
 Sample : G4309-12RE
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 D9KQ3RE

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:46:44 PM

Quant Time: Nov 19 18:24:15 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	2341	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.56	136	11601	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.37	164	5445	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	15031m	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	17226	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	14006m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.99	96	14381	8.54	ng/uL	0.00
6) 2-Methylnaphthalene-d10	11.08	152	3978	0.25	ng/ul	0.01
16) Fluoranthene-d10	18.07	212	14687	0.35	ng/ul	0.00
Target Compounds						
14) Phenanthrene	16.12	178	2147m	0.01	ng/ul	Qvalue

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

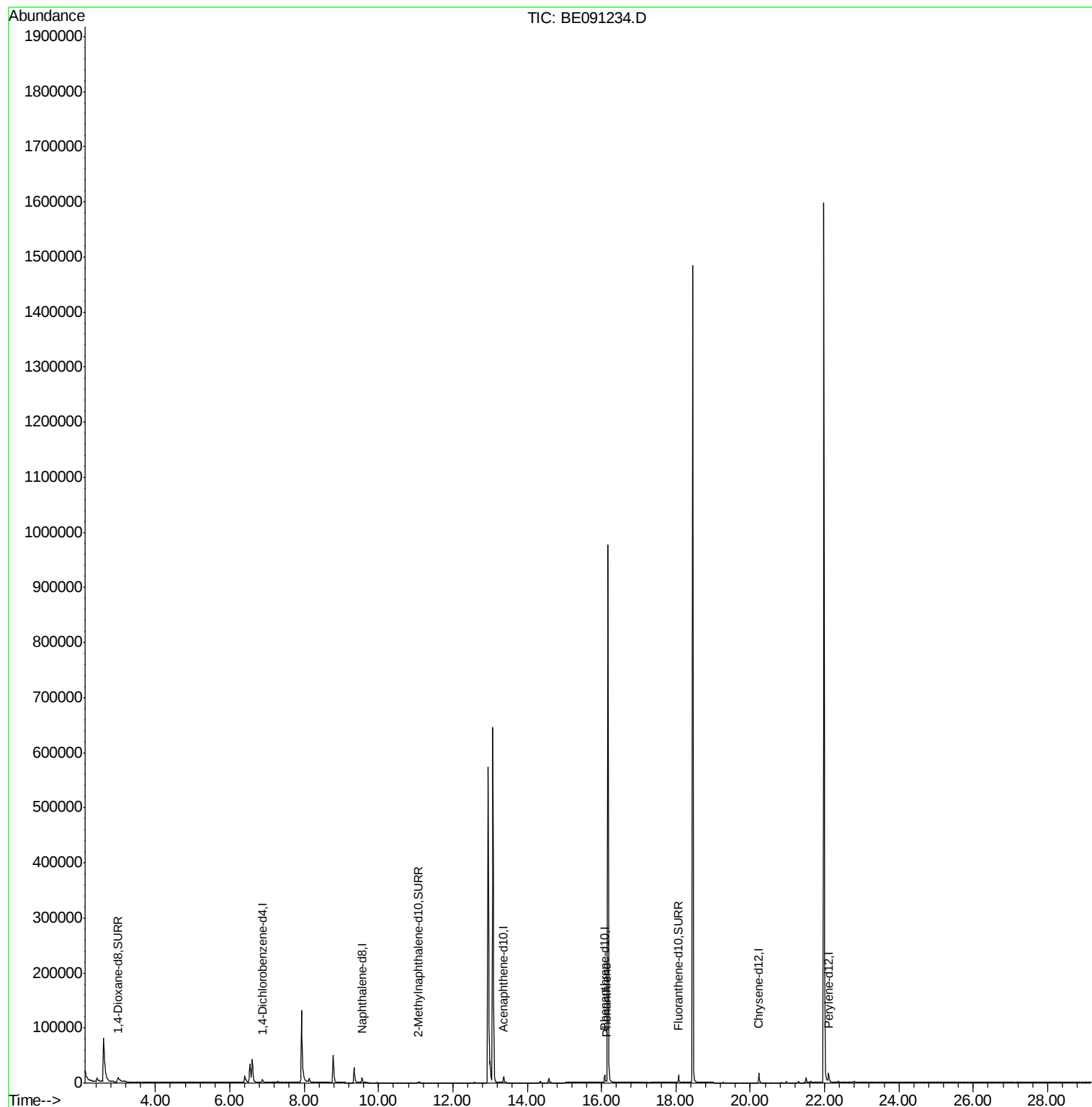
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111815\
Data File : BE091234.D
Acq On : 18 Nov 2015 18:57
Operator : UM/NP
Sample : G4309-12RE
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
D9KQ3RE

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:44 PM

Quant Time: Nov 19 18:24:15 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 06:02:12 2015
Response via : Initial Calibration



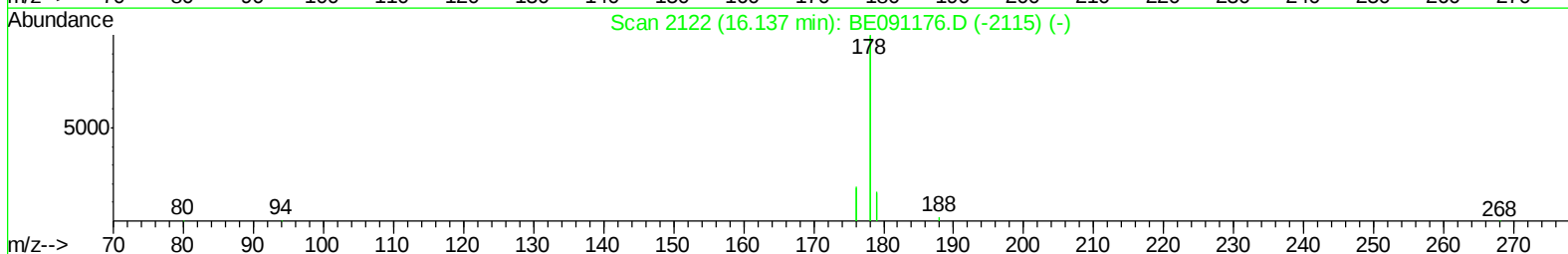
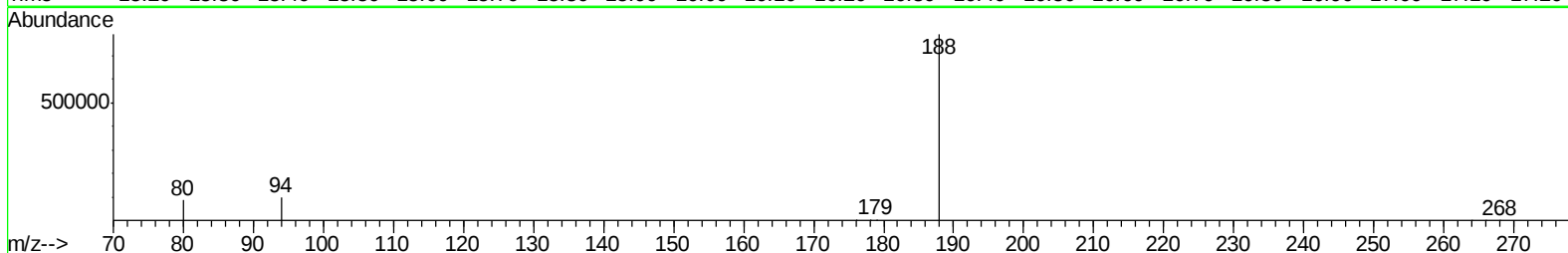
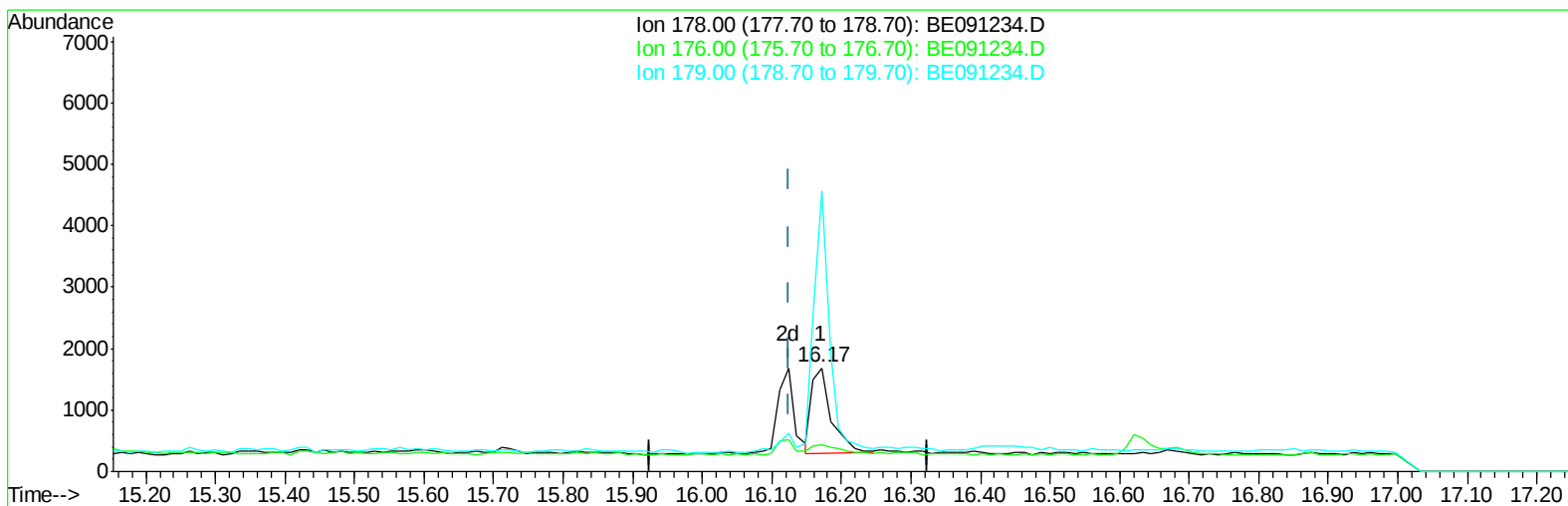
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111815\
Data File : BE091234.D
Acq On : 18 Nov 2015 18:57
Operator : UM/NP
Sample : G4309-12RE
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
D9KQ3RE

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:44 PM

Quant Time: Nov 20 08:32:37 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 04:25:56 2015
Response via : Initial Calibration



TIC: BE091234.D

(14) Phenanthrene

16.172min (+0.047) 0.00ng/ul

response 2720

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	25.45#
179.00	16.00	271.34#
0.00	0.00	0.00