

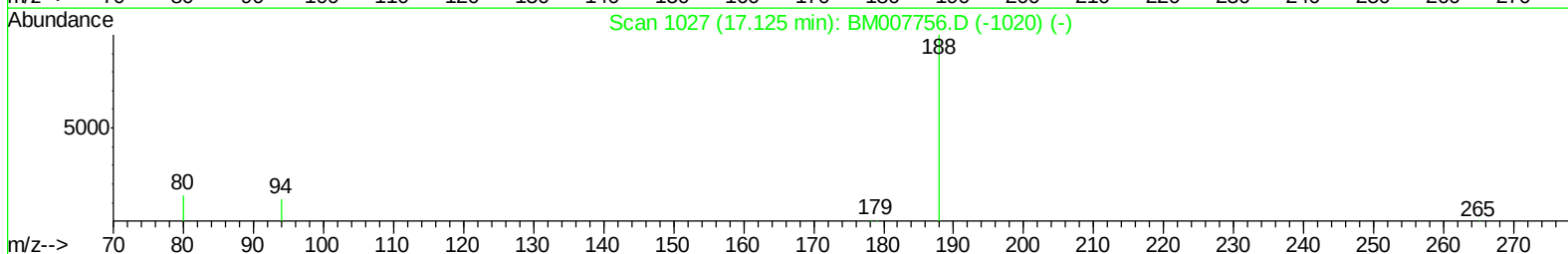
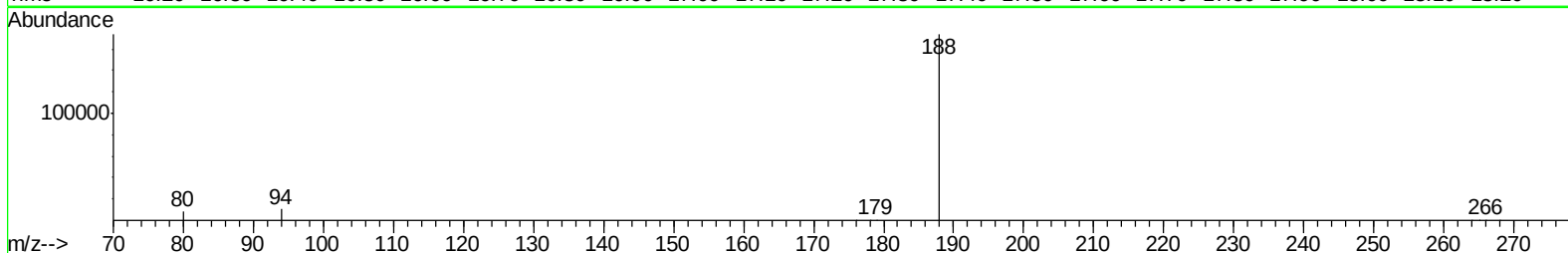
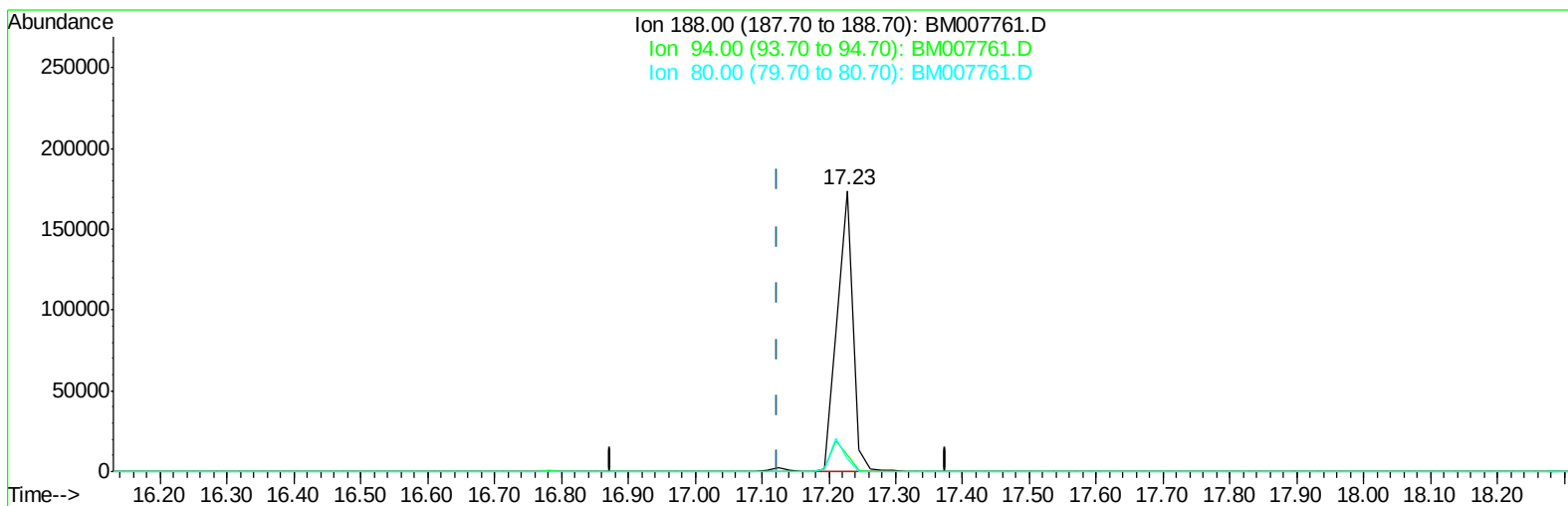
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110416\
Data File : BM007761.D
Acq On : 04 Nov 2016 19:10
Operator : UM/SJ
Sample : H5532-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0103MSD

Manual Integrations
APPROVED

Umangi
11/7/2016 5:29:27 PM

Quant Time: Nov 07 09:24:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 23:14:40 2016
Response via : Initial Calibration



TIC: BM007761.D

(10) Phenanthrene-d10 (I)

17.228min (+0.103) 0.40ng/ul

response 284863

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.90#
80.00	11.80	4.69#
0.00	0.00	0.00

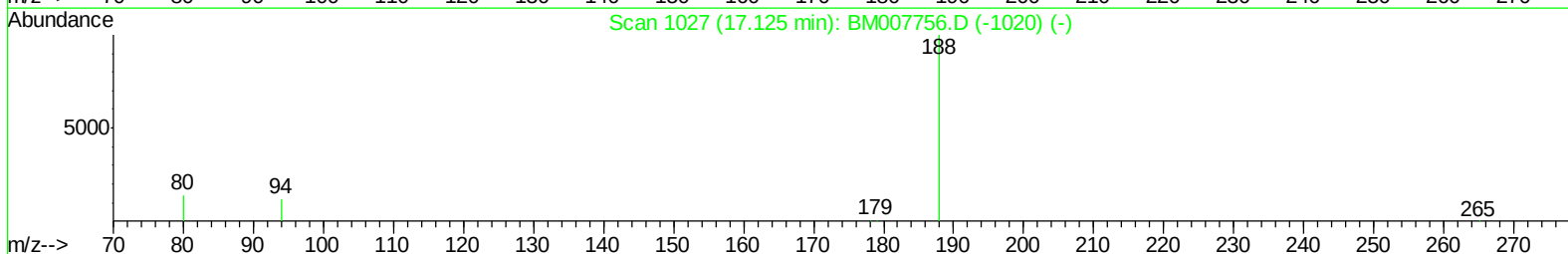
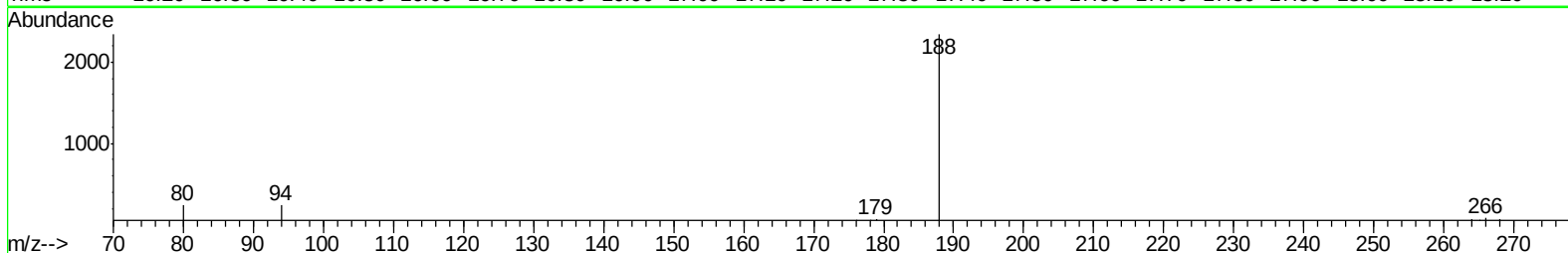
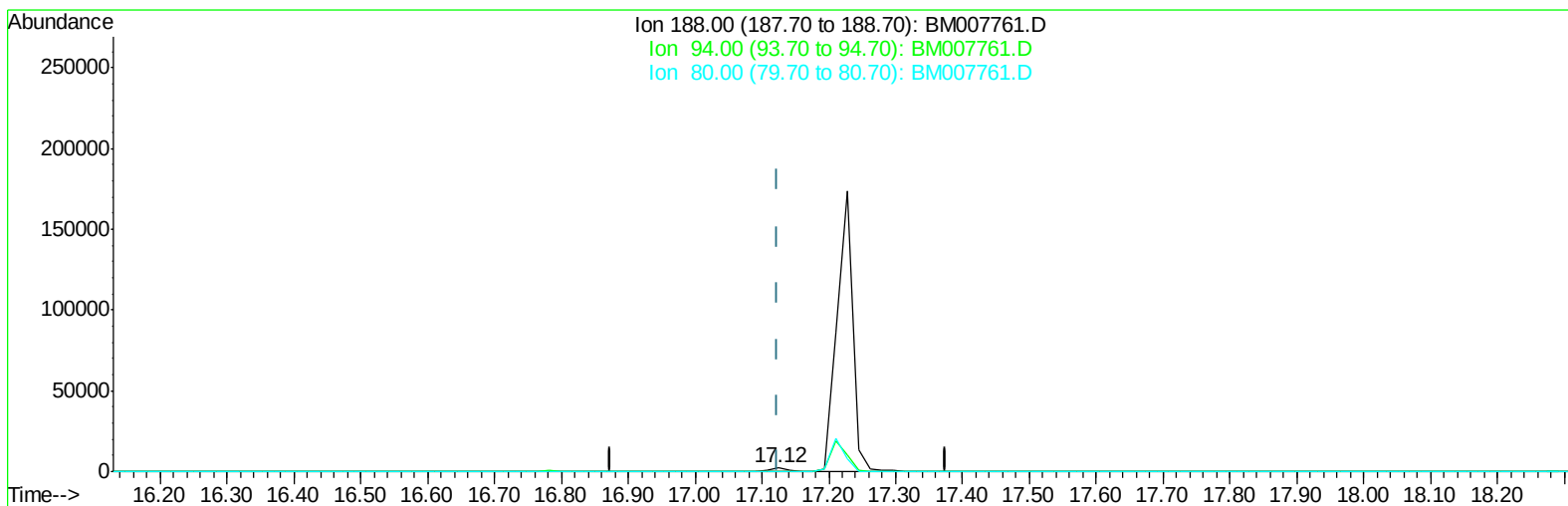
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110416\
Data File : BM007761.D
Acq On : 04 Nov 2016 19:10
Operator : UM/SJ
Sample : H5532-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0103MSD

Manual Integrations
APPROVED

Umangi
11/7/2016 5:29:27 PM

Quant Time: Nov 07 09:24:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 23:14:40 2016
Response via : Initial Calibration



TIC: BM007761.D

(10) Phenanthrene-d10 (I)

17.125min (+0.000) 0.40ng/ul m

response 3515

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.25
80.00	11.80	10.16
0.00	0.00	0.00

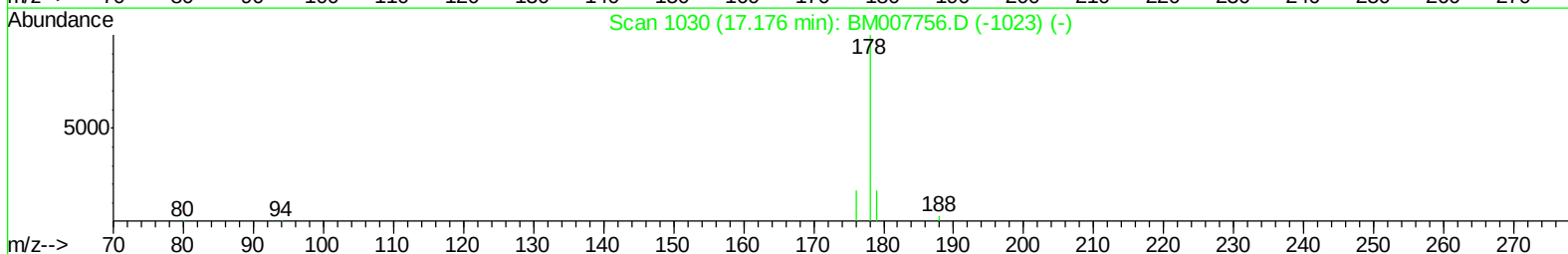
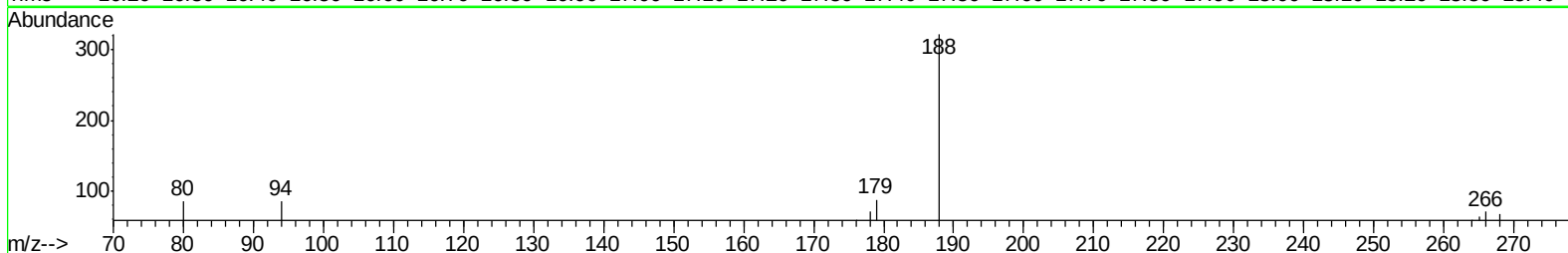
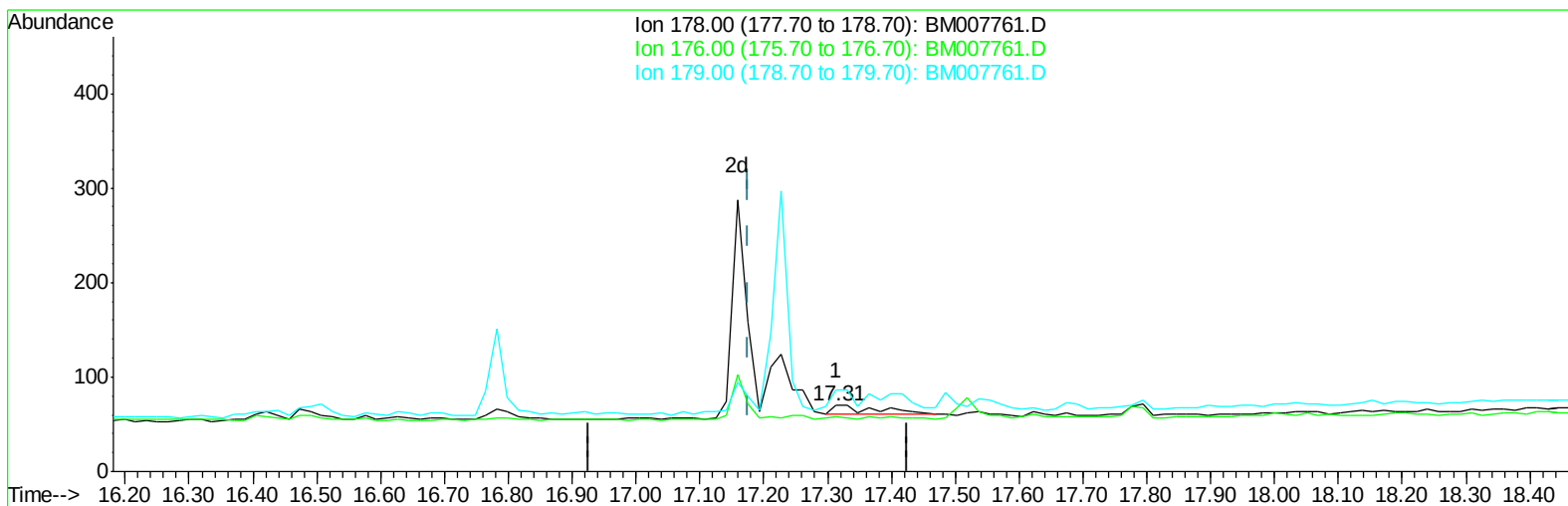
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110416\
Data File : BM007761.D
Acq On : 04 Nov 2016 19:10
Operator : UM/SJ
Sample : H5532-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0103MSD

Manual Integrations
APPROVED

Umangi
11/7/2016 5:29:27 PM

Quant Time: Nov 07 09:35:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 23:14:40 2016
Response via : Initial Calibration



TIC: BM007761.D

(12) Phenanthrene

17.313min (+0.137) 0.00ng/ul

response 41

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	82.86#
179.00	17.00	124.29#
0.00	0.00	0.00

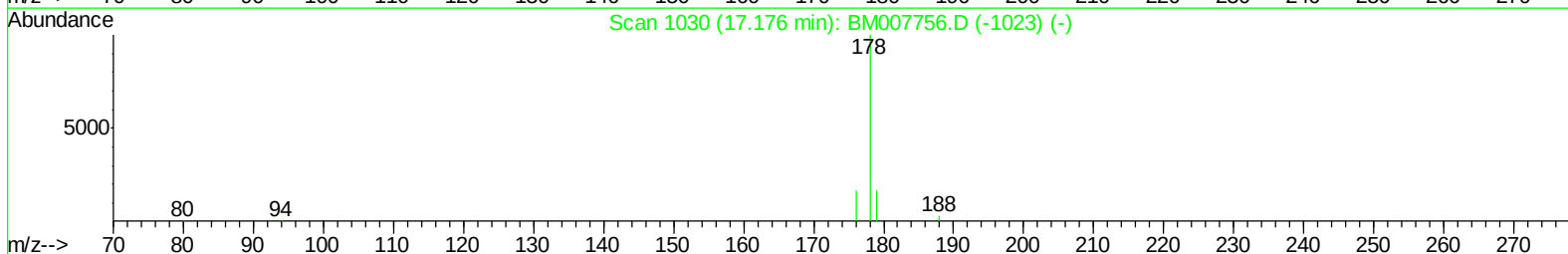
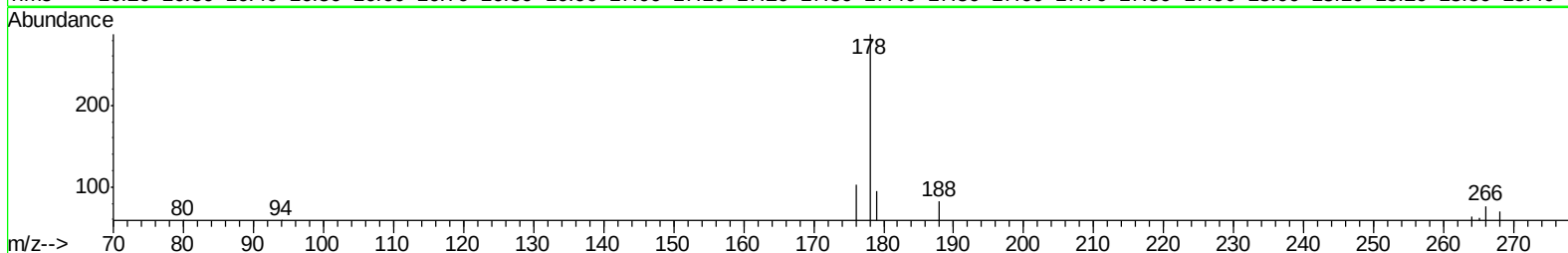
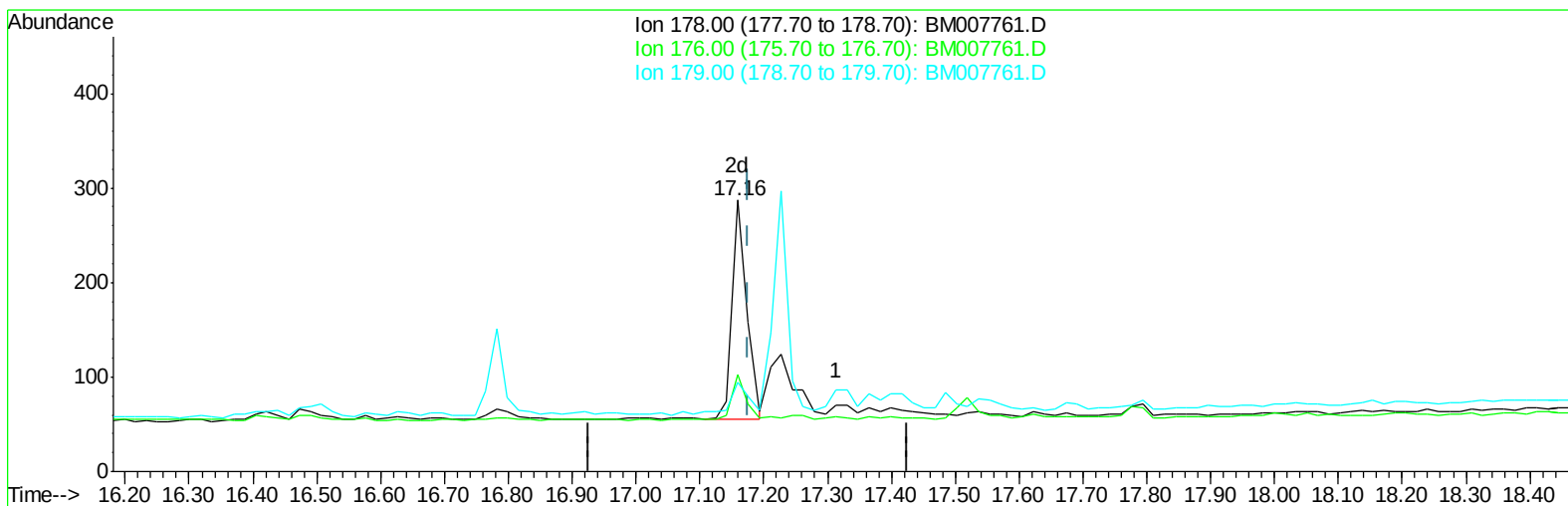
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110416\
Data File : BM007761.D
Acq On : 04 Nov 2016 19:10
Operator : UM/SJ
Sample : H5532-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0103MSD

Manual Integrations
APPROVED

Umangi
11/7/2016 5:29:27 PM

Quant Time: Nov 07 09:35:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 23:14:40 2016
Response via : Initial Calibration



TIC: BM007761.D

(12) Phenanthrene

17.159min (-0.017) 0.04ng/ul m

response 376

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	35.54#
179.00	17.00	33.10#
0.00	0.00	0.00

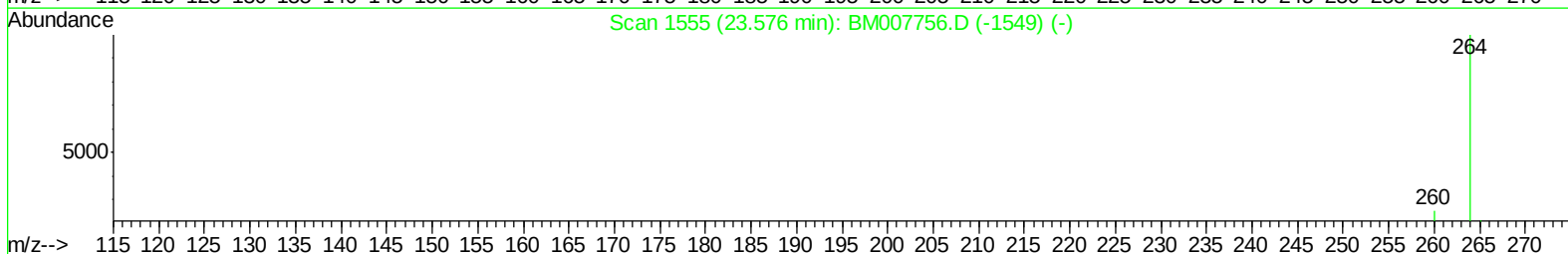
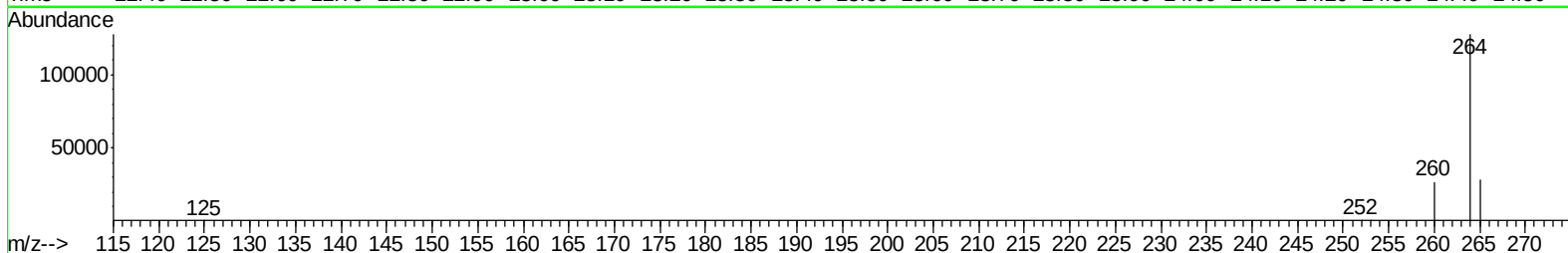
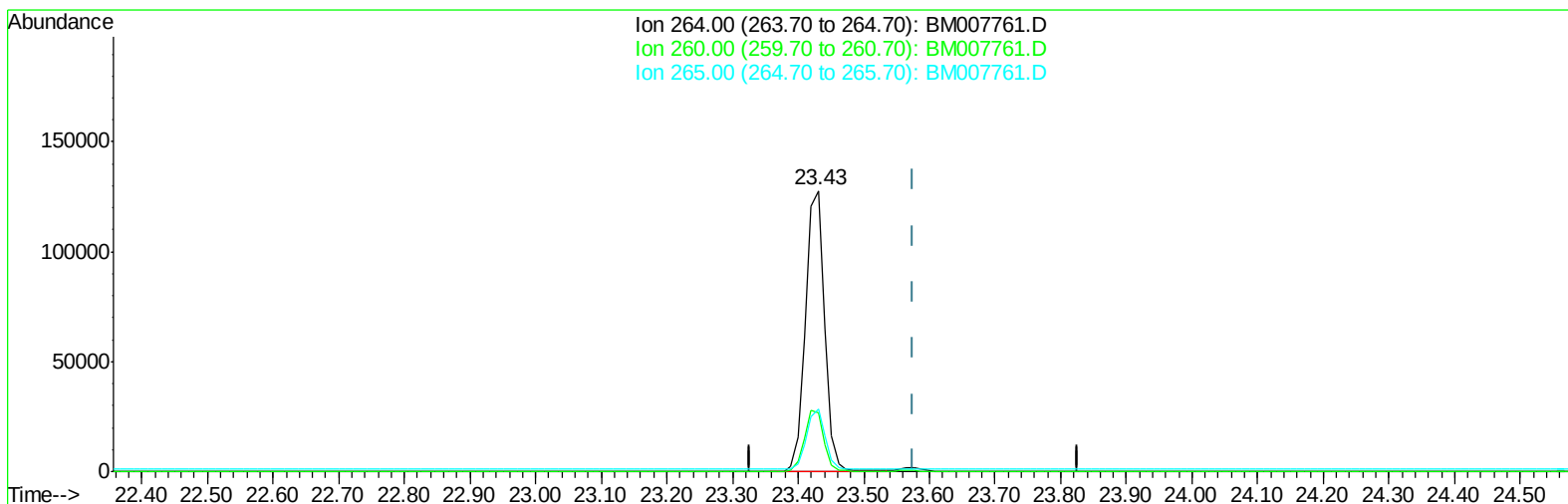
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110416\
Data File : BM007761.D
Acq On : 04 Nov 2016 19:10
Operator : UM/SJ
Sample : H5532-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0103MSD

Manual Integrations
APPROVED

Umangi
11/7/2016 5:29:27 PM

Quant Time: Nov 07 09:35:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 23:14:40 2016
Response via : Initial Calibration



TIC: BM007761.D

(20) Perylene-d12 (I)

23.430min (-0.146) 0.40ng/ul

response 259814

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.92#
265.00	103.50	22.35#
0.00	0.00	0.00

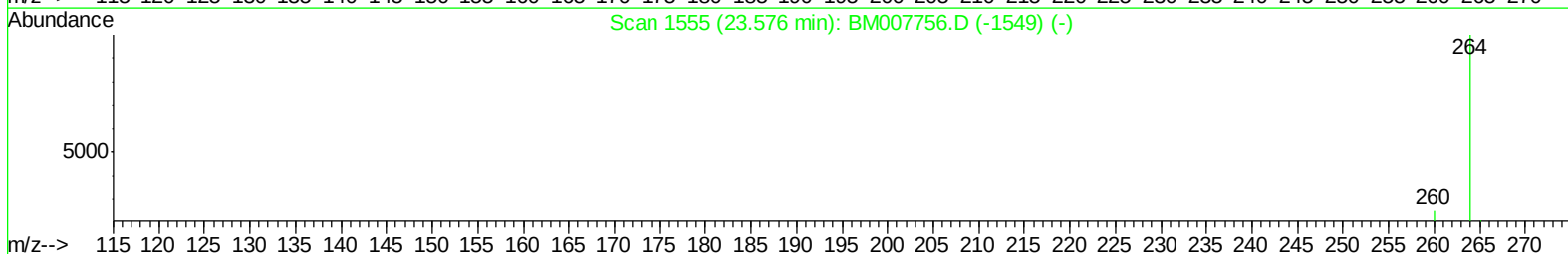
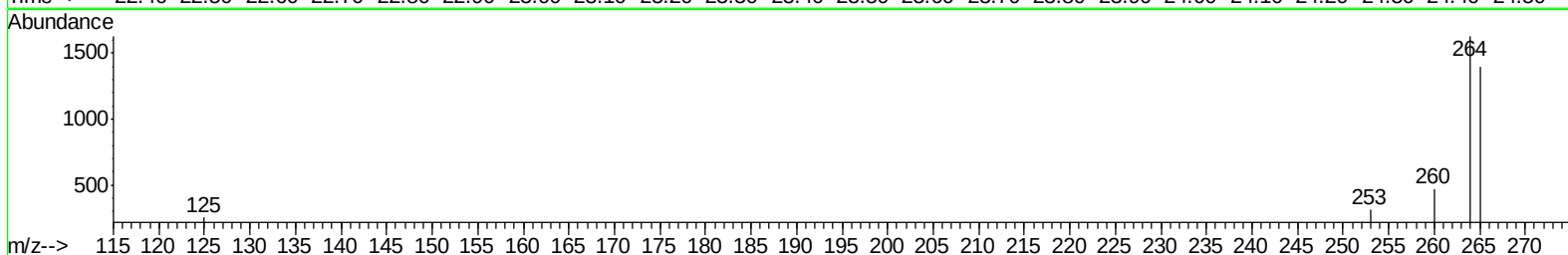
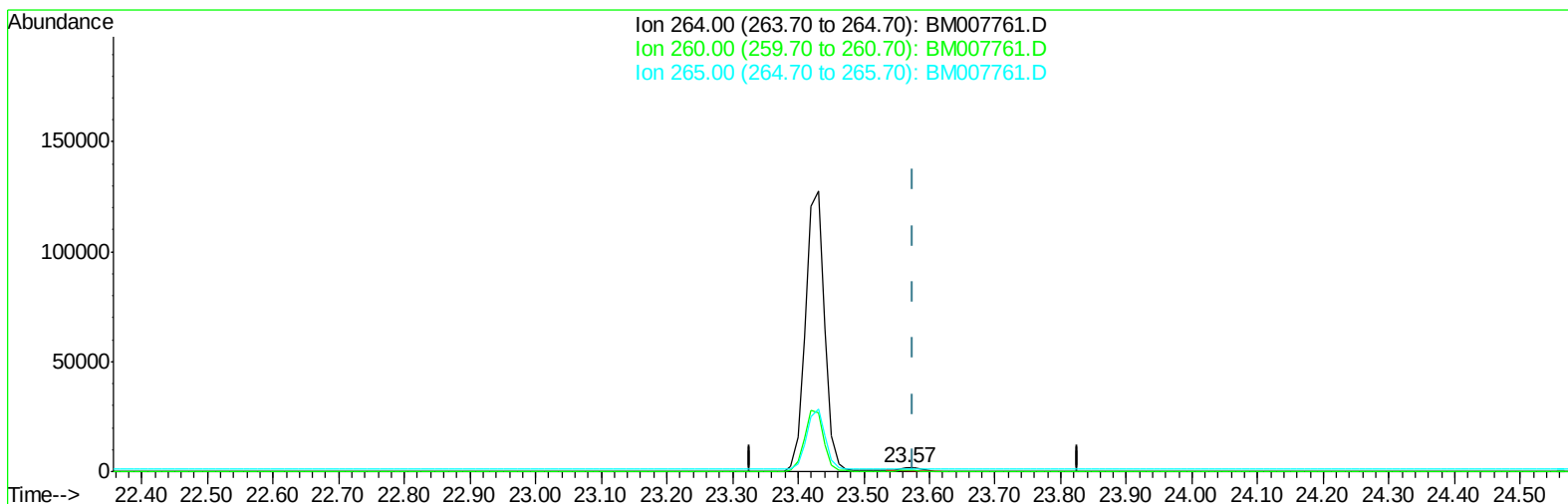
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110416\
Data File : BM007761.D
Acq On : 04 Nov 2016 19:10
Operator : UM/SJ
Sample : H5532-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0103MSD

Manual Integrations
APPROVED

Umangi
11/7/2016 5:29:27 PM

Quant Time: Nov 07 09:35:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 23:14:40 2016
Response via : Initial Calibration



TIC: BM007761.D

(20) Perylene-d12 (I)

23.566min (-0.010) 0.40ng/ul m

response 2704

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.87
265.00	103.50	85.63
0.00	0.00	0.00

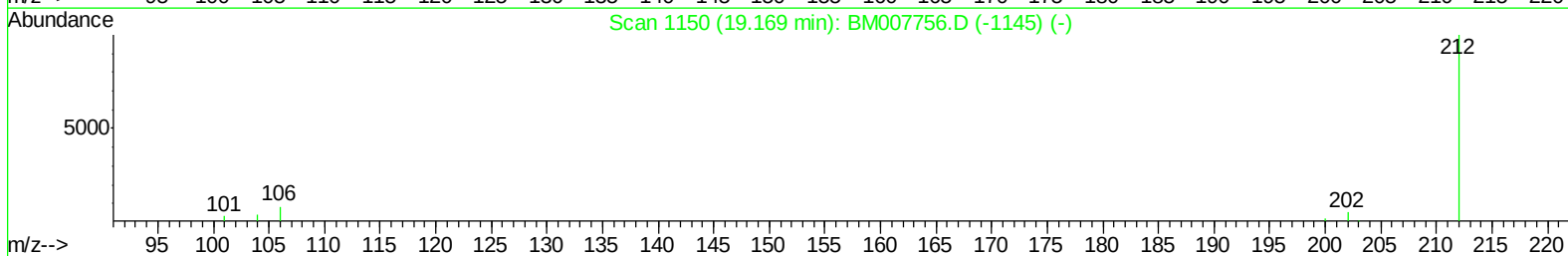
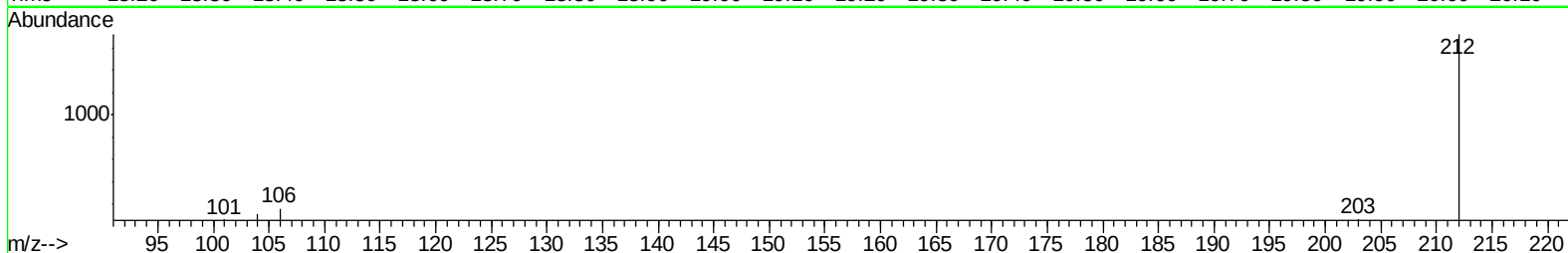
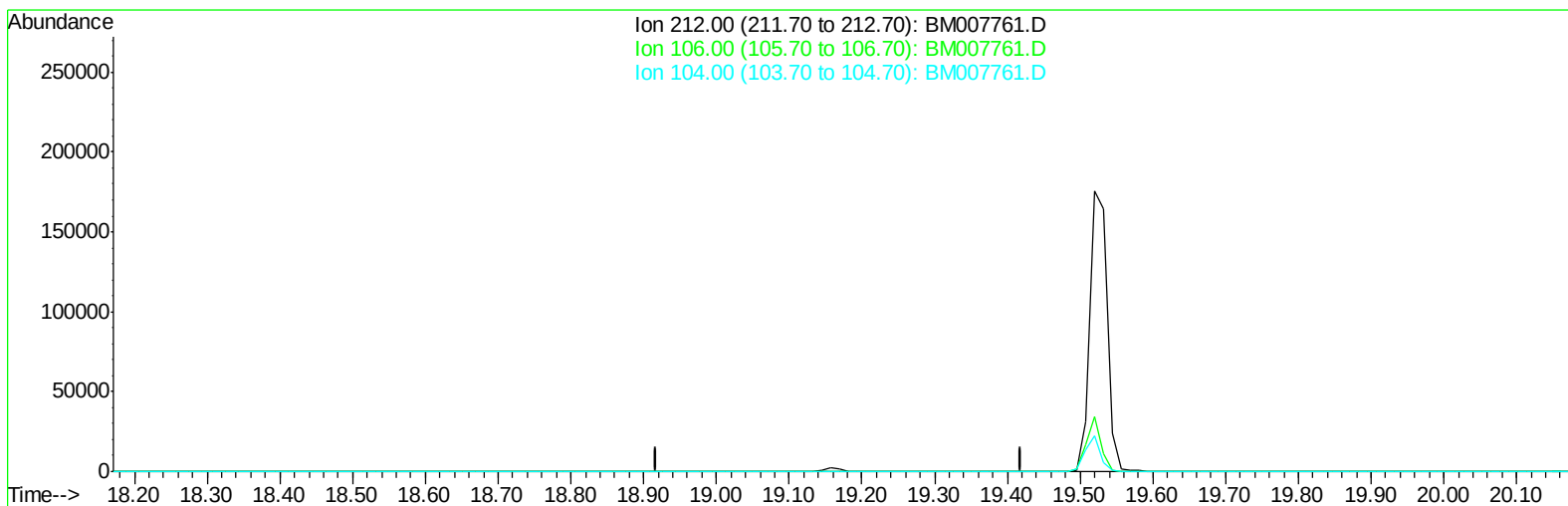
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110416\
Data File : BM007761.D
Acq On : 04 Nov 2016 19:10
Operator : UM/SJ
Sample : H5532-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0103MSD

Manual Integrations
APPROVED

Umangi
11/7/2016 5:29:27 PM

Quant Time: Nov 07 09:37:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 23:14:40 2016
Response via : Initial Calibration



TIC: BM007761.D

(14) Fluoranthene-d10 (SURR)

19.169min (-19.169) 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

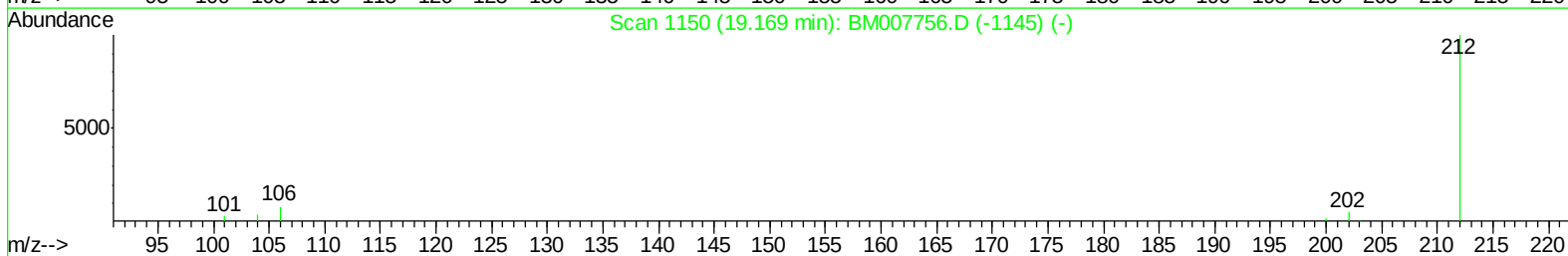
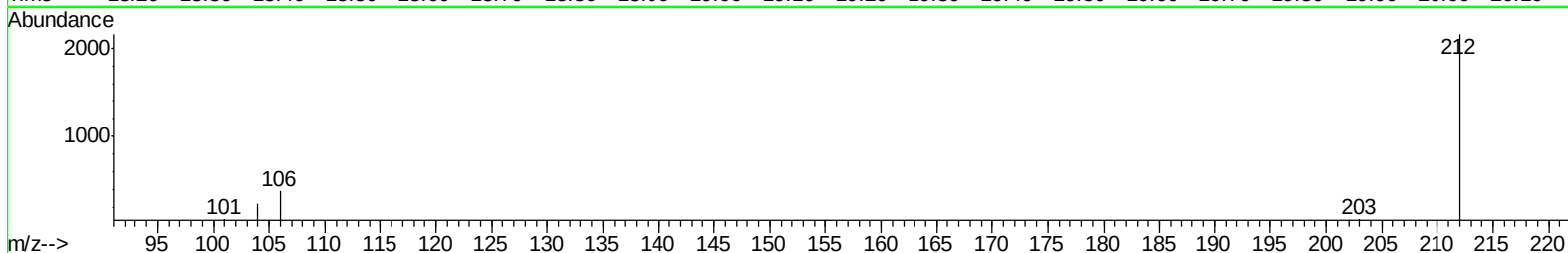
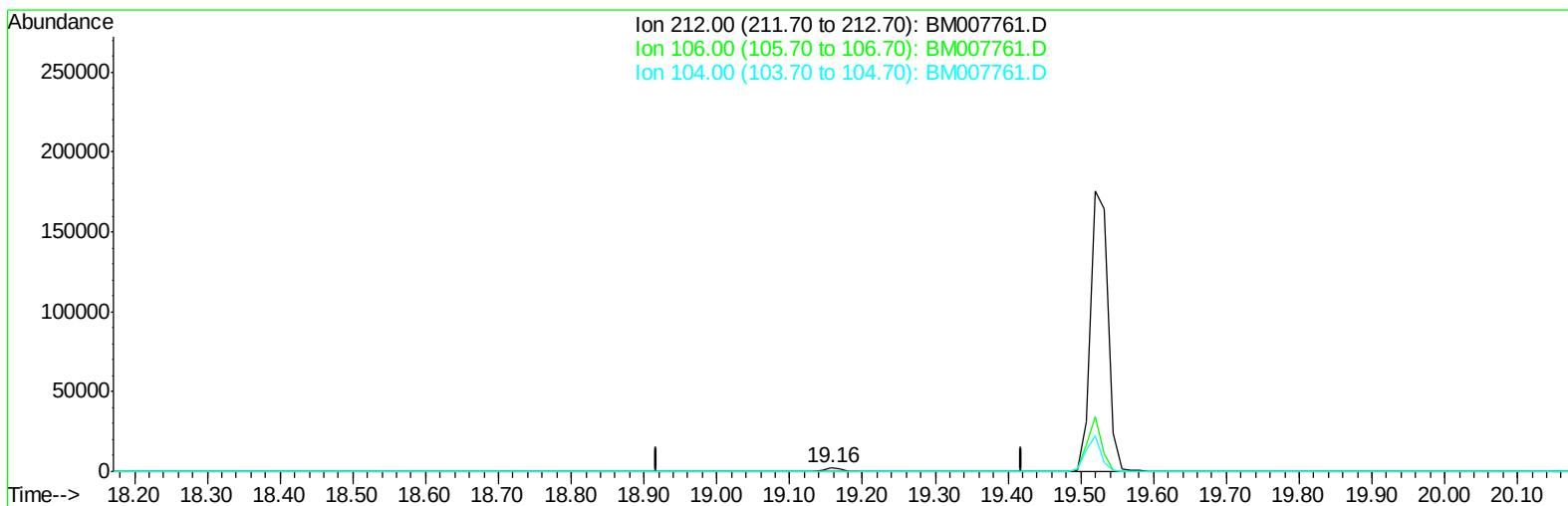
Data Path : Z:\HPCHEM1\BNA_M\Data\BM110416\
Data File : BM007761.D
Acq On : 04 Nov 2016 19:10
Operator : UM/SJ
Sample : H5532-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0103MSD

Manual Integrations
APPROVED

Umangi
11/7/2016 5:29:27 PM

Quant Time: Nov 07 09:37:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 23:14:40 2016
Response via : Initial Calibration



TIC: BM007761.D

(14) Fluoranthene-d10 (SURR)

19.157min (-0.012) 0.44ng/ul m

response 3462

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_M\Data\BM110416\
 Data File : BM007761.D
 Acq On : 04 Nov 2016 19:10
 Operator : UM/SJ
 Sample : H5532-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0103MSD

Manual Integrations
 APPROVED

Umangi
 11/7/2016 5:29:27 PM

Quant Time: Nov 07 09:38:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 23:14:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	948	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	3183	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.38	164	1875	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	3515m	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	3316	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	2704m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	1611	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	3462m	0.44	ng/ul	-0.01
Target Compounds						
8) Acenaphthene	14.43	153	2077	0.31	ng/ul	95
11) Pentachlorophenol	16.78	266	31093	37.69	ng/ul	97
12) Phenanthrene	17.16	178	376m	0.04	ng/ul	
17) Pyrene	19.56	202	5187	0.46	ng/ul	96

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

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