

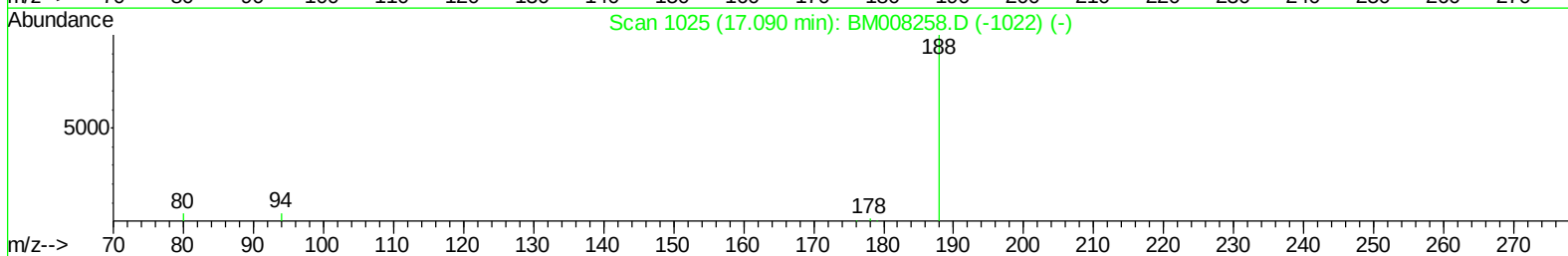
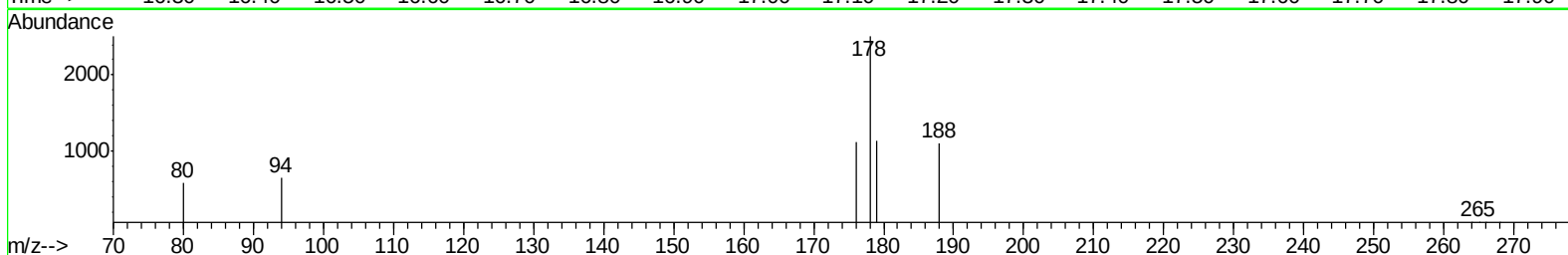
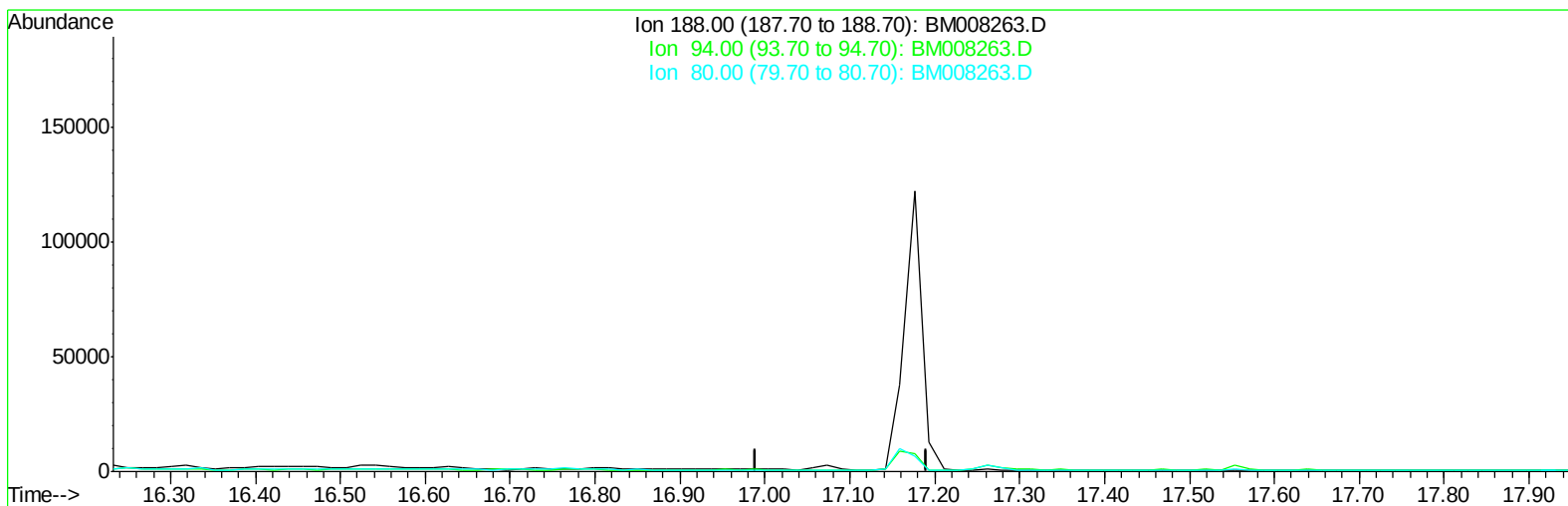
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008263.D
Acq On : 12 Dec 2016 14:56
Operator : UM/SJ
Sample : H5905-19RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA818RE

Manual Integrations
APPROVED

umangi
12/13/2016 6:12:43 PM

Quant Time: Dec 13 02:30:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration



TIC: BM008263.D

(10) Phenanthrene-d10 (I)

17.090min (-17.090) 0.00ng/ul

response 0

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

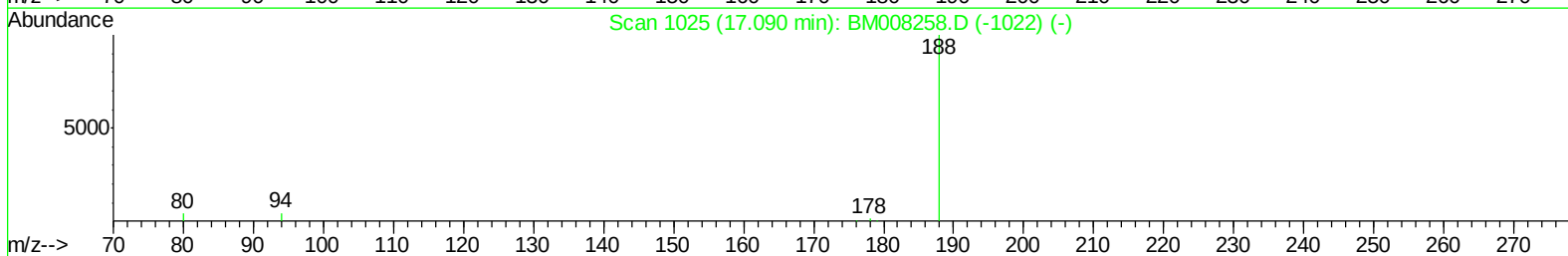
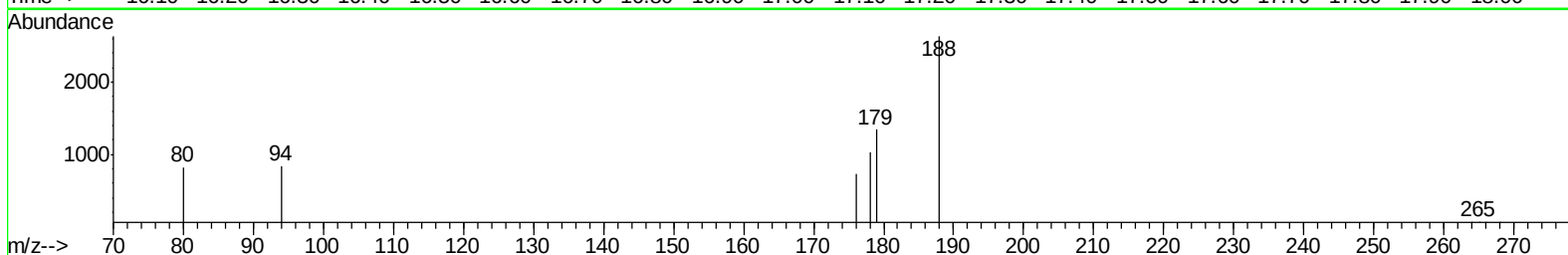
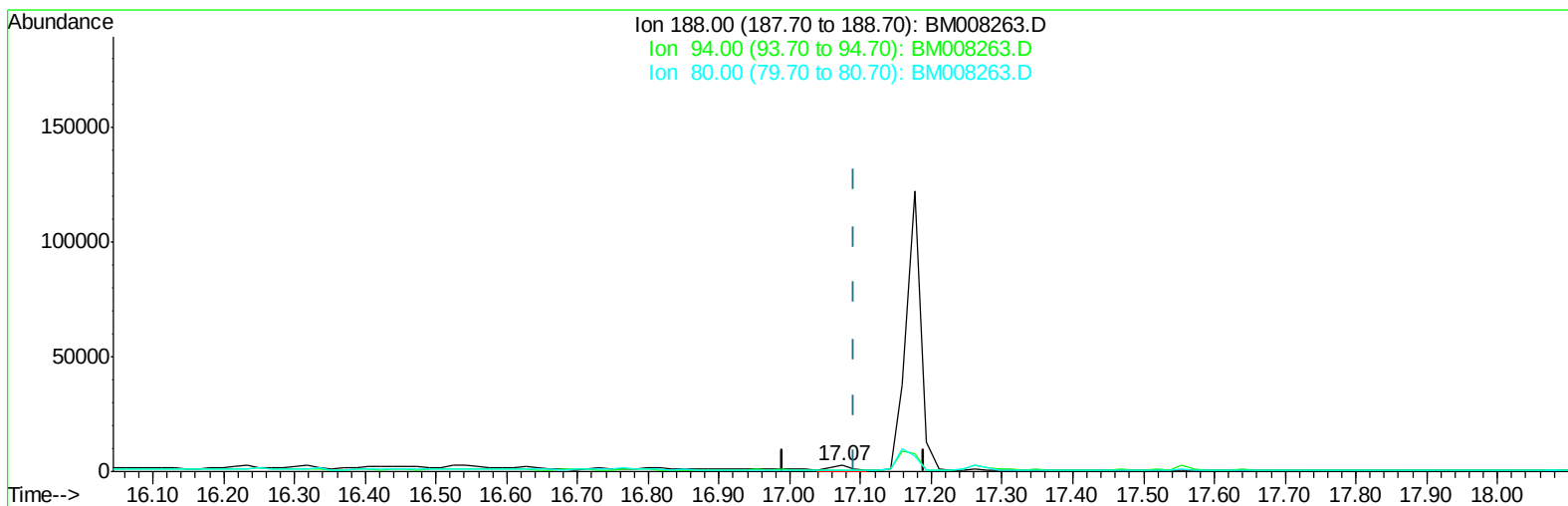
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008263.D
Acq On : 12 Dec 2016 14:56
Operator : UM/SJ
Sample : H5905-19RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA818RE

Manual Integrations
APPROVED

umangi
12/13/2016 6:12:43 PM

Quant Time: Dec 13 02:30:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration



TIC: BM008263.D

(10) Phenanthrene-d10 (I)

17.073min (-0.017) 0.40ng/ul m

response 5042

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	31.80#
80.00	11.80	31.08#
0.00	0.00	0.00

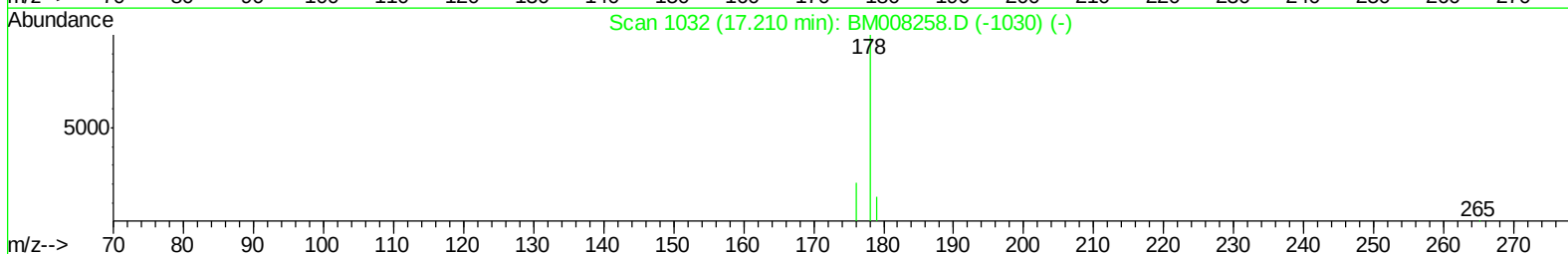
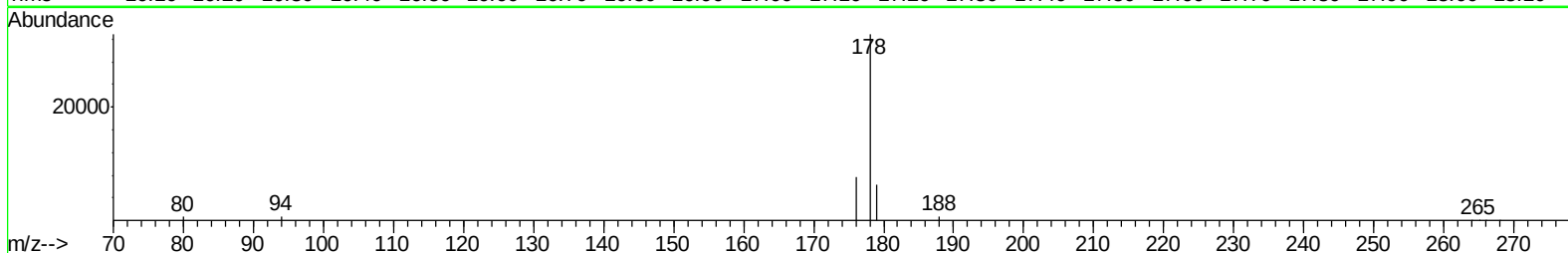
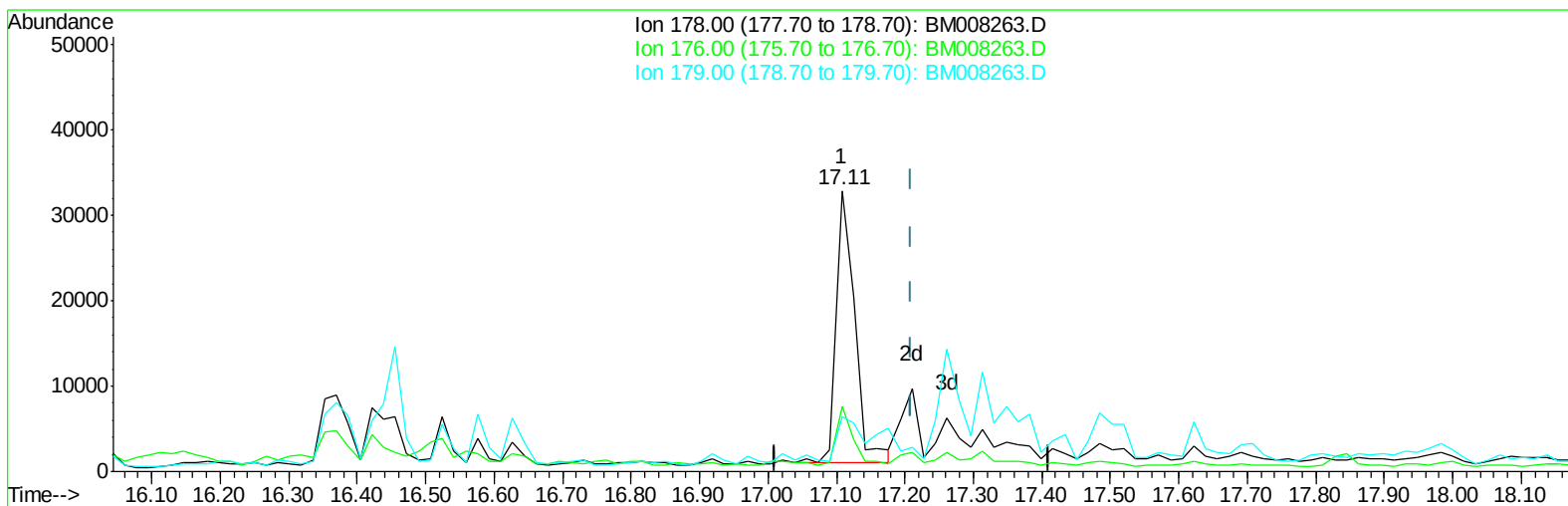
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008263.D
Acq On : 12 Dec 2016 14:56
Operator : UM/SJ
Sample : H5905-19RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA818RE

Manual Integrations
APPROVED

umangi
12/13/2016 6:12:43 PM

Quant Time: Dec 13 02:54:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration



TIC: BM008263.D

(13) Anthracene

17.107min (-0.103) 4.04ng/ul

response 59516

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	23.13
179.00	18.40	19.53
0.00	0.00	0.00

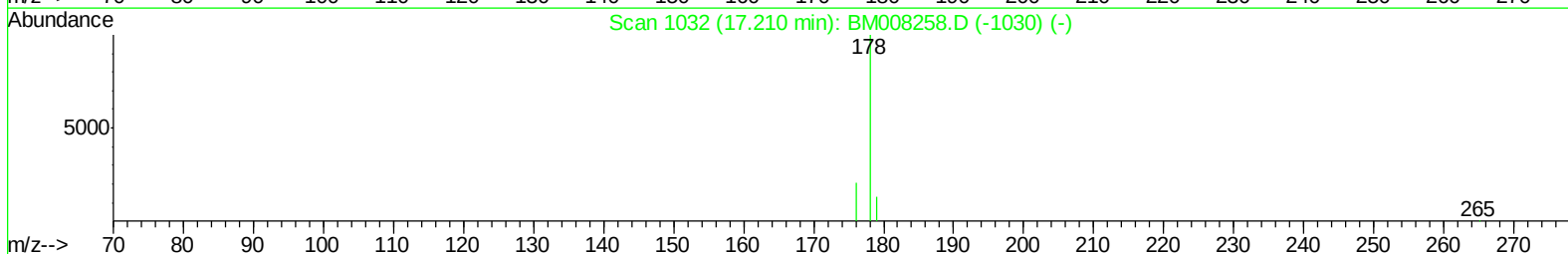
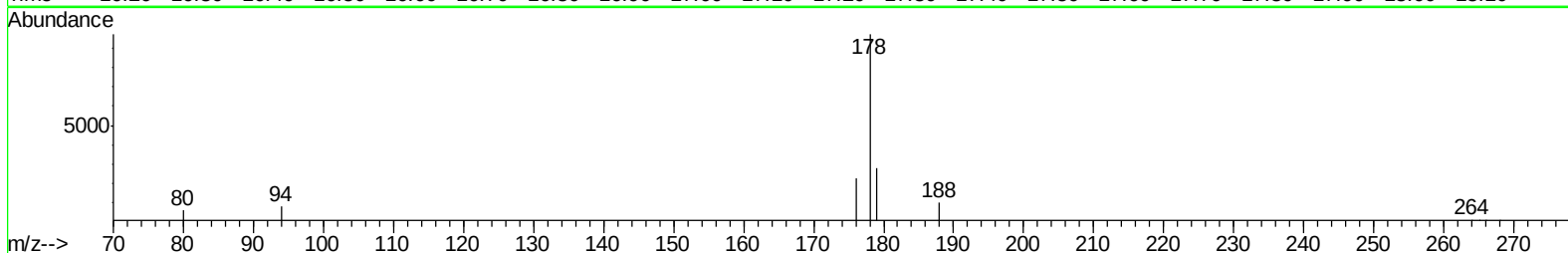
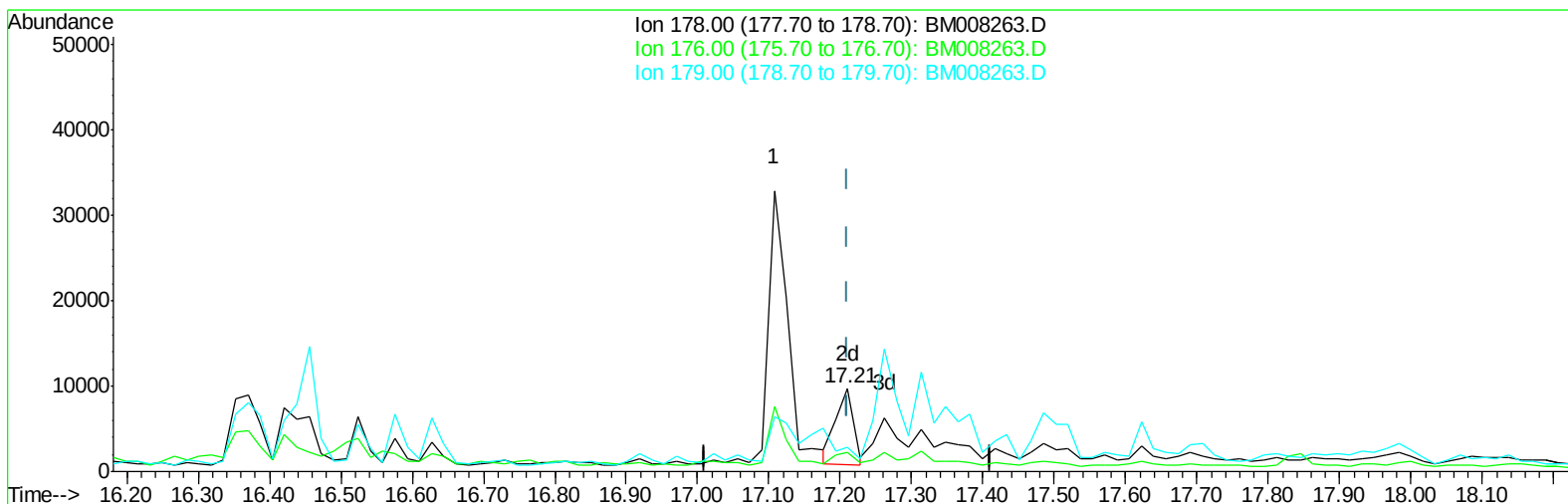
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008263.D
Acq On : 12 Dec 2016 14:56
Operator : UM/SJ
Sample : H5905-19RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA818RE

Manual Integrations
APPROVED

umangi
12/13/2016 6:12:43 PM

Quant Time: Dec 13 02:54:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration



TIC: BM008263.D

(13) Anthracene

17.210min (0.000) 1.07ng/ul m

response 15741

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	22.81
179.00	18.40	28.71#
0.00	0.00	0.00

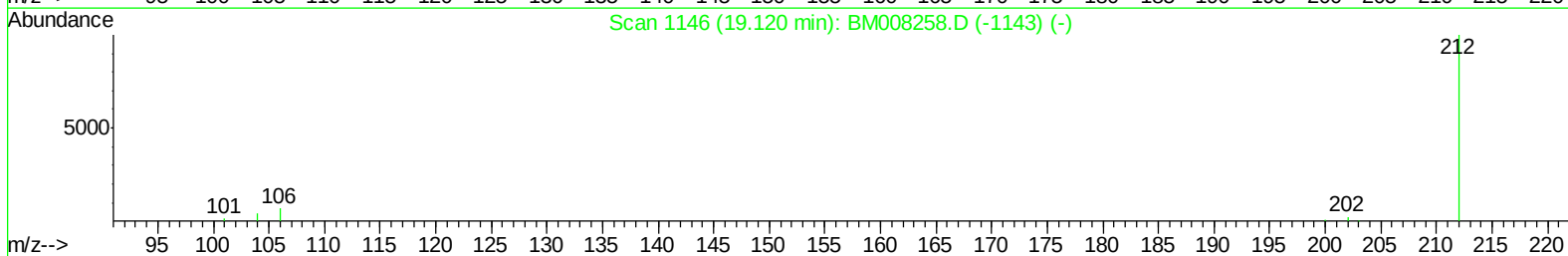
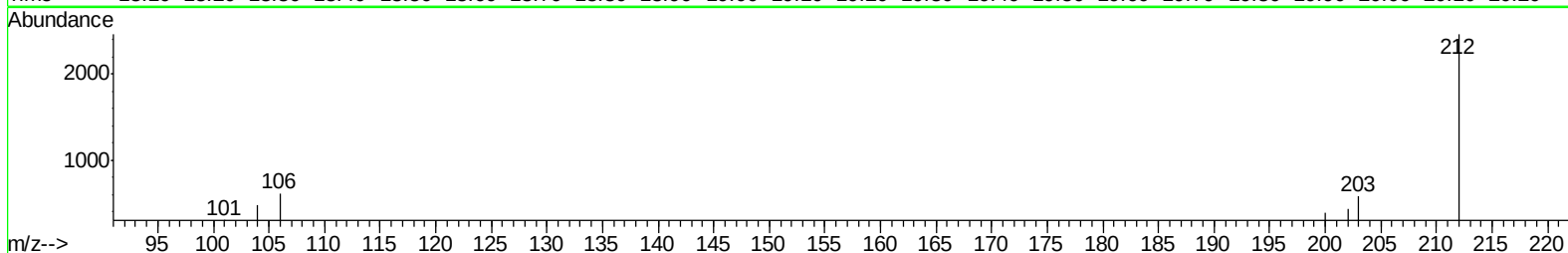
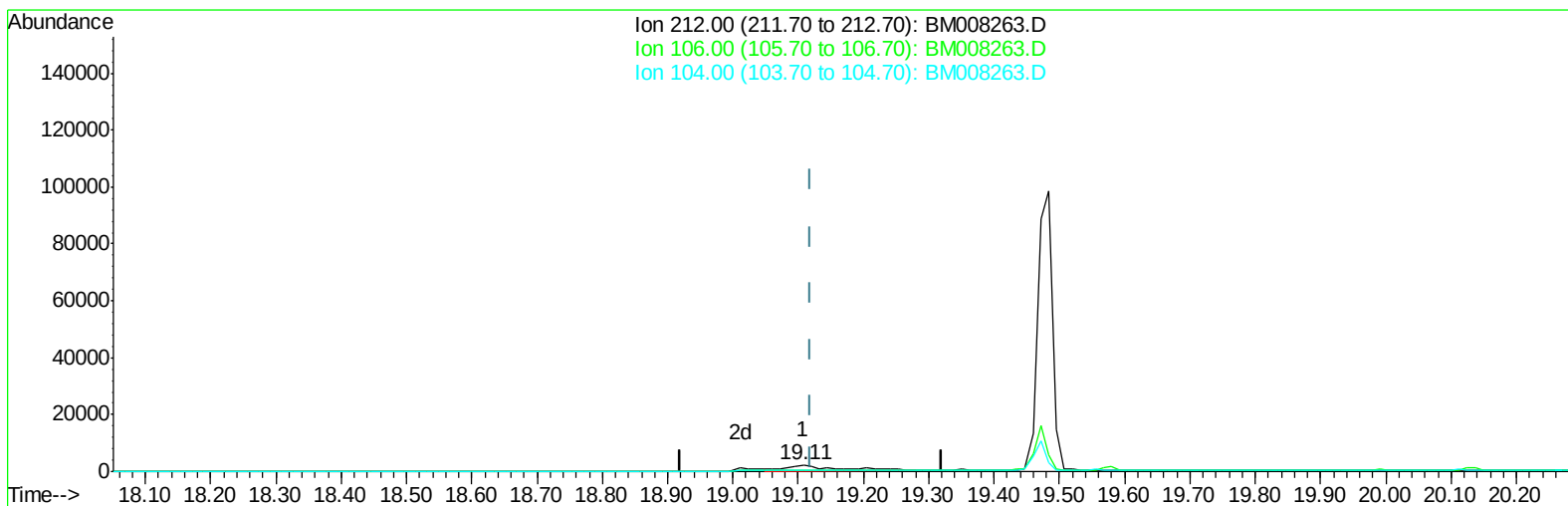
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008263.D
Acq On : 12 Dec 2016 14:56
Operator : UM/SJ
Sample : H5905-19RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA818RE

Manual Integrations
APPROVED

umangi
12/13/2016 6:12:43 PM

Quant Time: Dec 13 02:54:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration



TIC: BM008263.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.012) 0.78ng/ul

response 11082

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	35.56#
104.00	15.60	0.00#
0.00	0.00	0.00

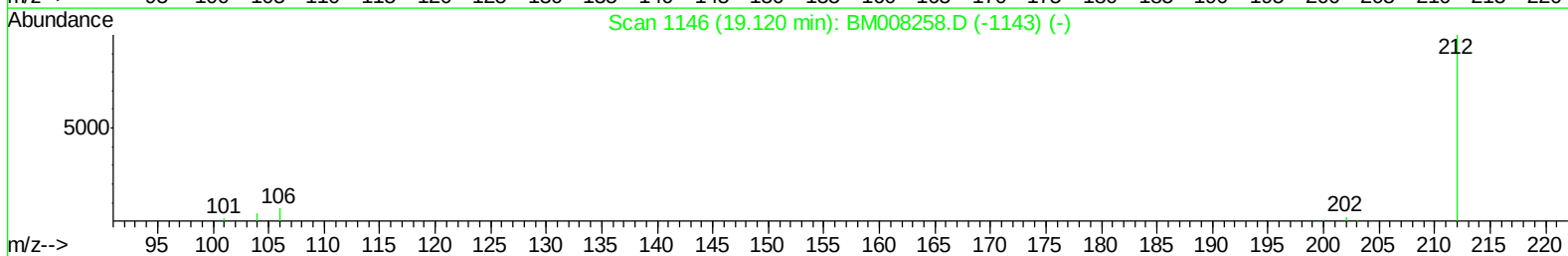
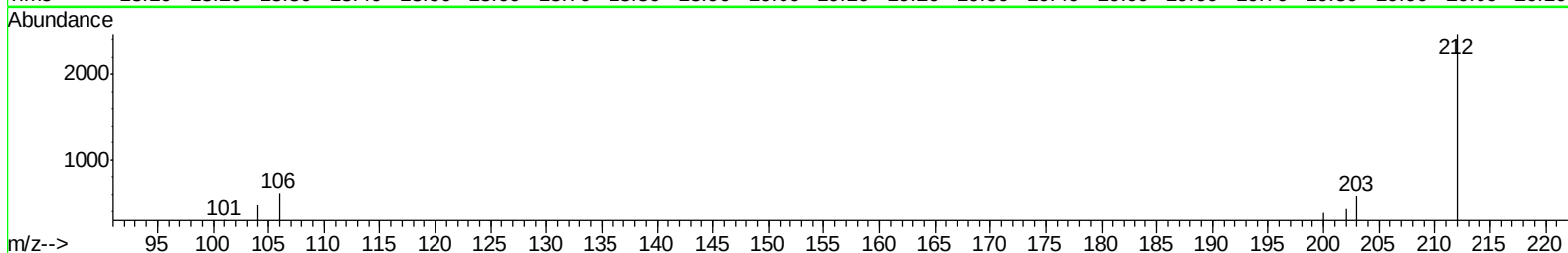
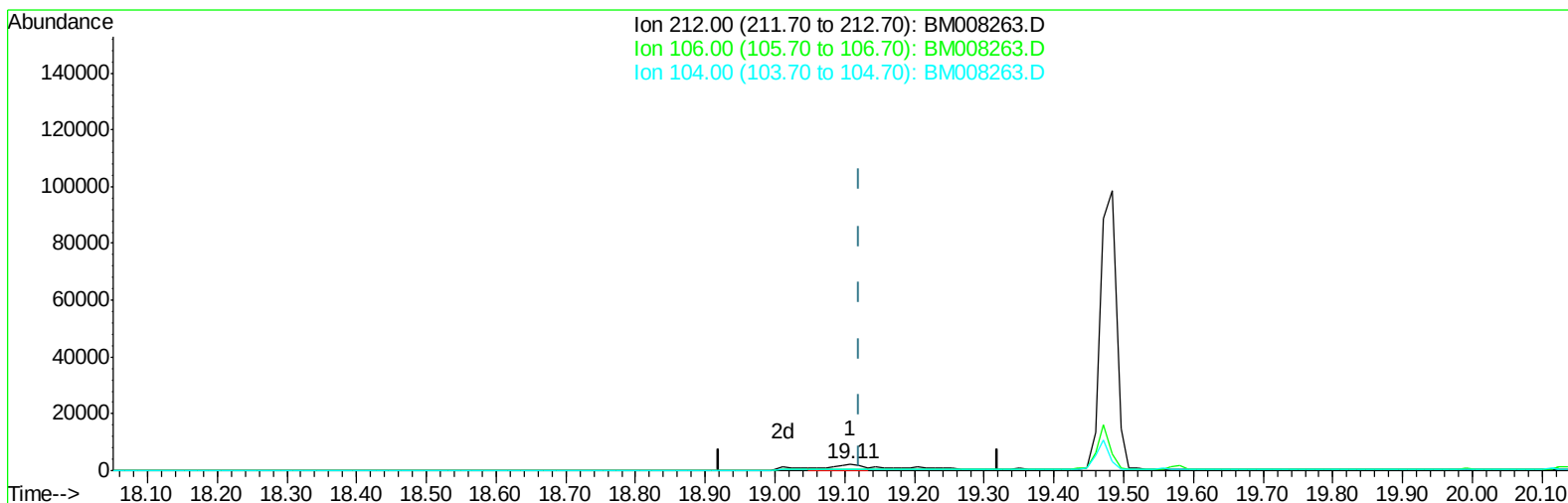
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008263.D
Acq On : 12 Dec 2016 14:56
Operator : UM/SJ
Sample : H5905-19RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA818RE

Manual Integrations
APPROVED

umangi
12/13/2016 6:12:43 PM

Quant Time: Dec 13 02:54:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration



TIC: BM008263.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.012) 0.46ng/ul m

response 6509

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	60.55#
104.00	15.60	0.00#
0.00	0.00	0.00

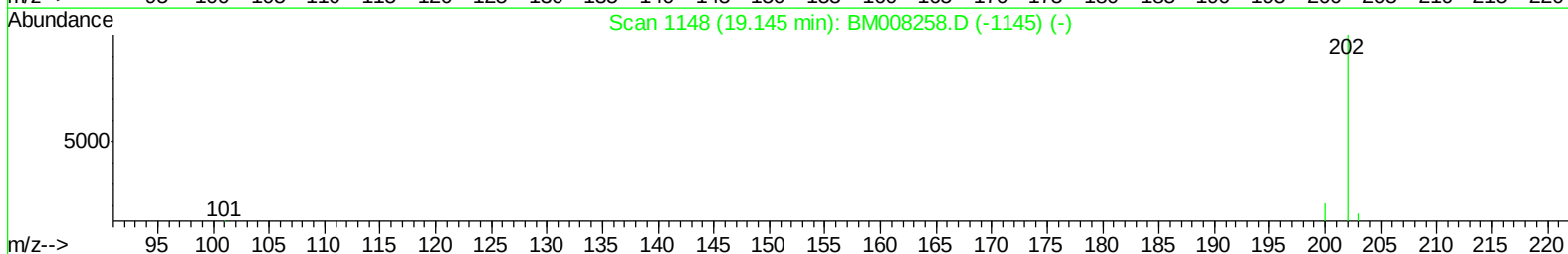
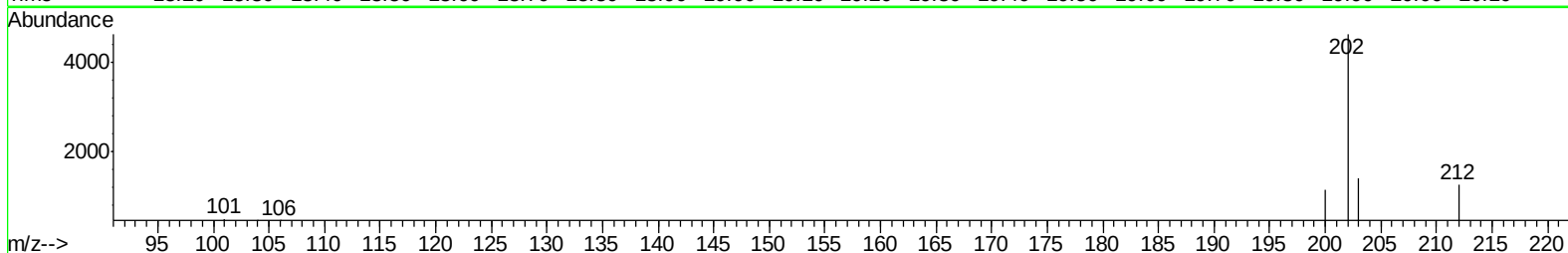
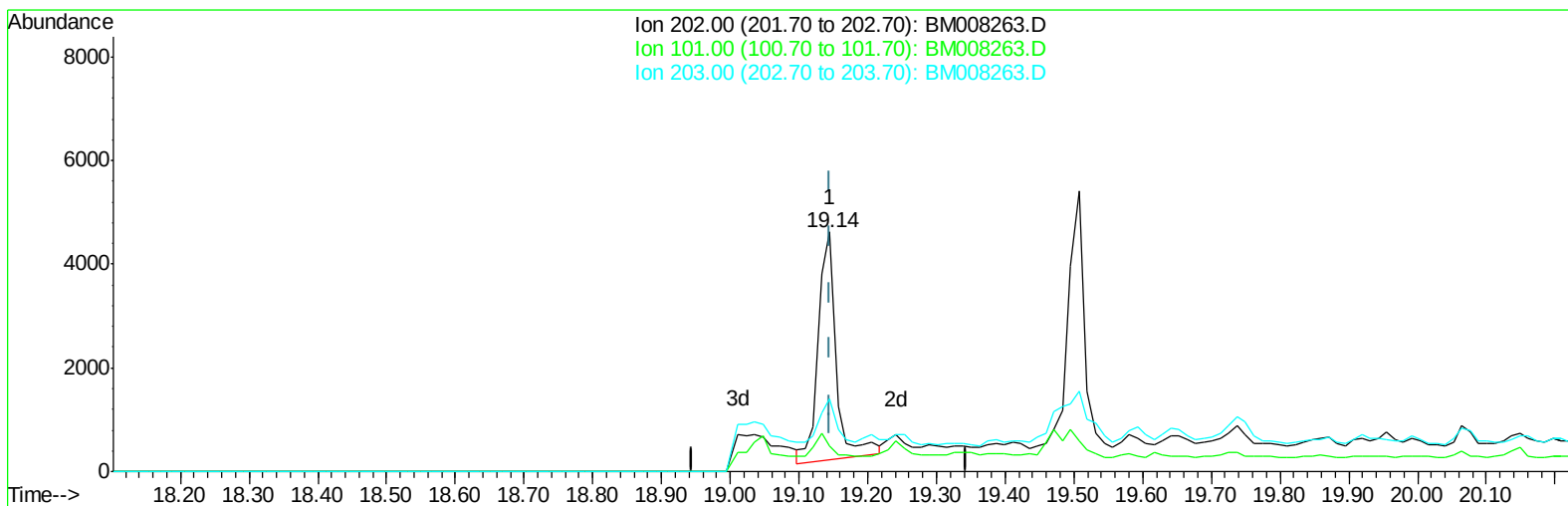
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008263.D
Acq On : 12 Dec 2016 14:56
Operator : UM/SJ
Sample : H5905-19RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA818RE

Manual Integrations
APPROVED

umangi
12/13/2016 6:12:43 PM

Quant Time: Dec 13 02:54:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration



TIC: BM008263.D

(15) Fluoranthene (C)

19.145min (0.000) 0.39ng/ul

response 8001

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.45
203.00	19.50	30.22
0.00	0.00	0.00

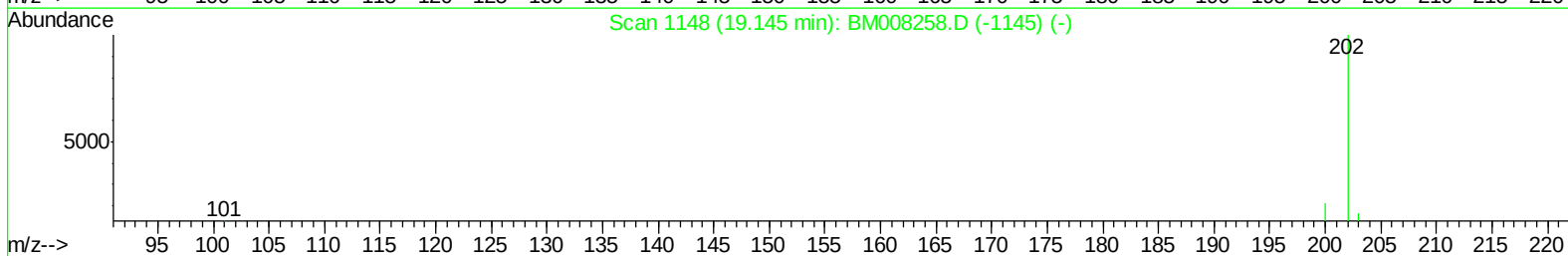
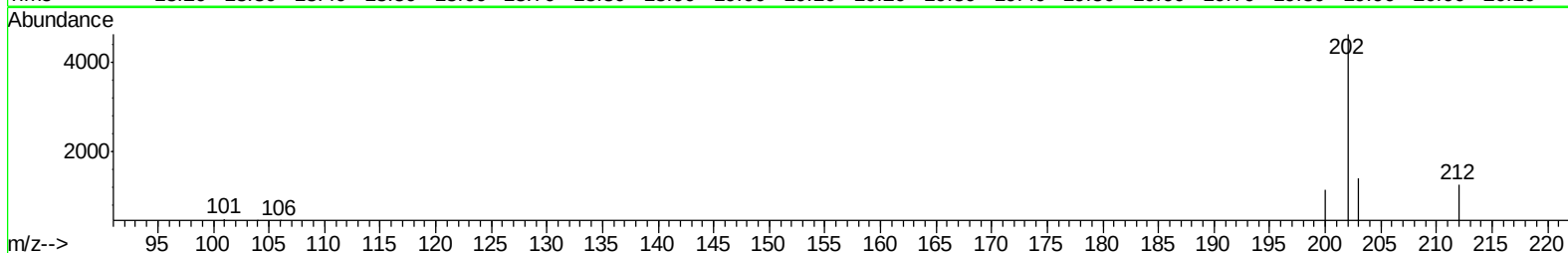
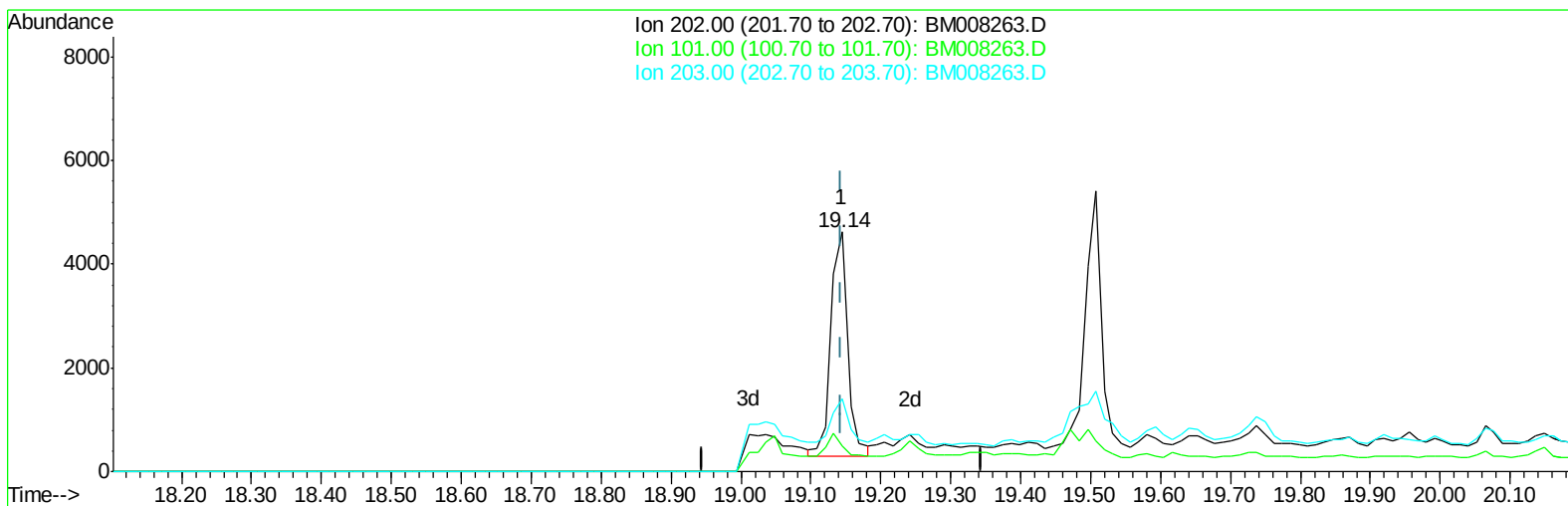
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008263.D
Acq On : 12 Dec 2016 14:56
Operator : UM/SJ
Sample : H5905-19RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA818RE

Manual Integrations
APPROVED

umangi
12/13/2016 6:12:43 PM

Quant Time: Dec 13 02:54:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration



TIC: BM008263.D

(15) Fluoranthene (C)

19.145min (0.000) 0.36ng/ul m

response 7264

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.45
203.00	19.50	30.22
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
 Data File : BM008263.D
 Acq On : 12 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H5905-19RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA818RE

Manual Integrations
 APPROVED

umangi
 12/13/2016 6:12:43 PM

Quant Time: Dec 13 02:56:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 02:27:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	922	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2389	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	5411	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.07	188	5042m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1990	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	1780	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	1616	0.48	ng/ul	-0.01
14) Fluoranthene-d10	19.11	212	6509m	0.46	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.51	128	742909	111.20	ng/ul	93
5) 2-Methylnaphthalene	12.14	142	1395445	324.03	ng/ul	98
7) Acenaphthylene	14.04	152	27044	1.10	ng/ul#	8
8) Acenaphthene	14.38	153	76408	4.10	ng/ul	94
9) Fluorene	15.38	166	172440	8.05	ng/ul#	73
12) Phenanthrene	17.11	178	61642	3.93	ng/ul	97
13) Anthracene	17.21	178	15741m	1.07	ng/ul	
15) Fluoranthene	19.14	202	7264m	0.36	ng/ul	
17) Pyrene	19.51	202	8142	1.18	ng/ul#	89

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008263.D
Acq On : 12 Dec 2016 14:56
Operator : UM/SJ
Sample : H5905-19RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA818RE

Manual Integrations
APPROVED

umangi
12/13/2016 6:12:43 PM

Quant Time: Dec 13 02:56:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration

