

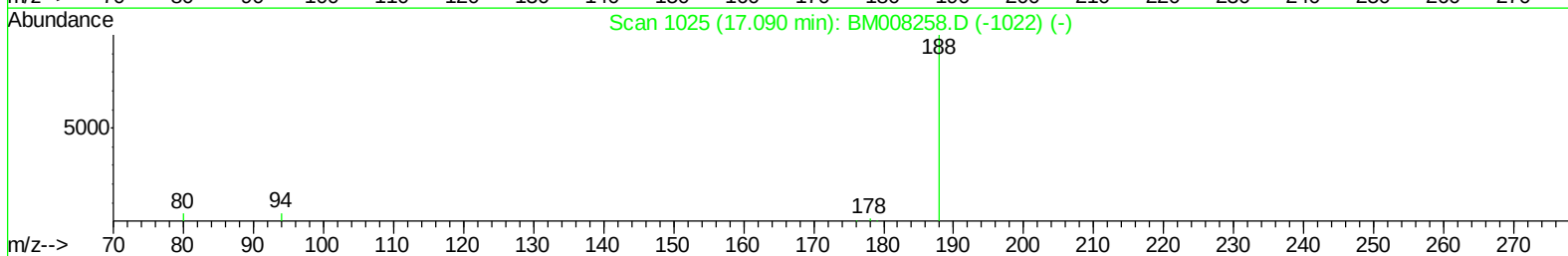
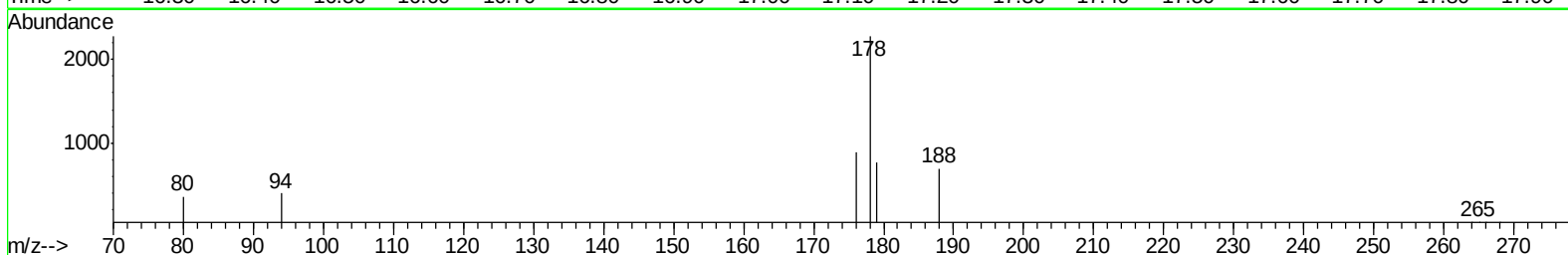
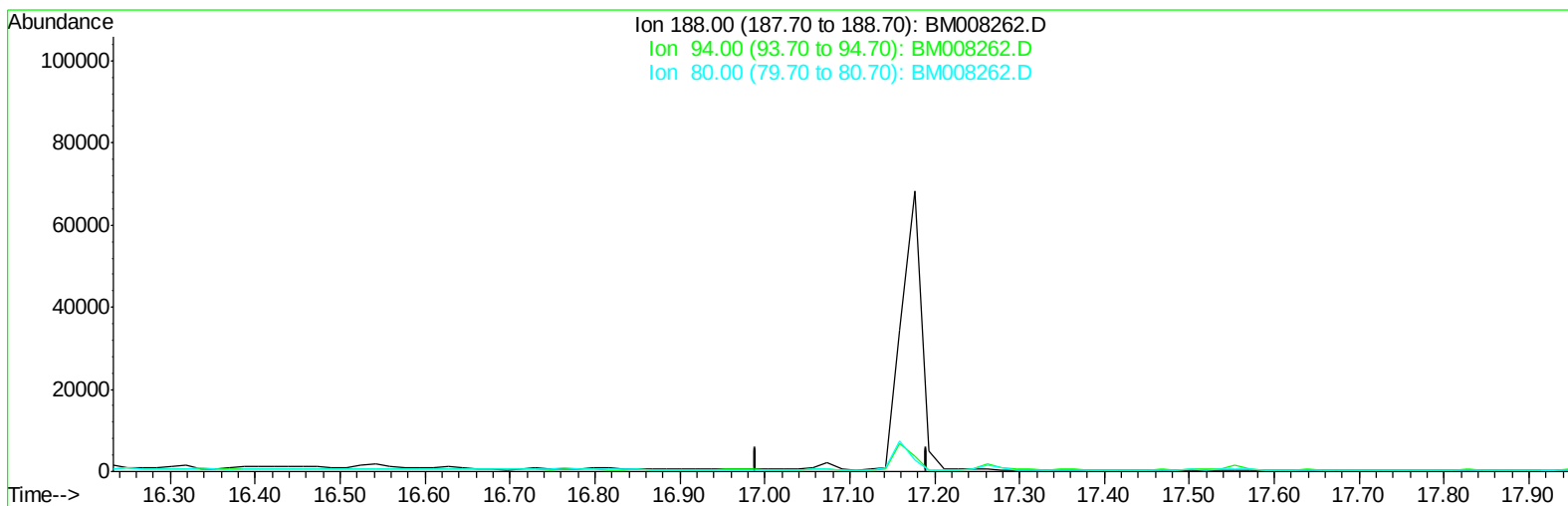
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008262.D
Acq On : 12 Dec 2016 14:19
Operator : UM/SJ
Sample : H5905-18RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA817RE

Manual Integrations
APPROVED

umangi
12/13/2016 6:12:45 PM

Quant Time: Dec 13 02:30:38 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: BM008262.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

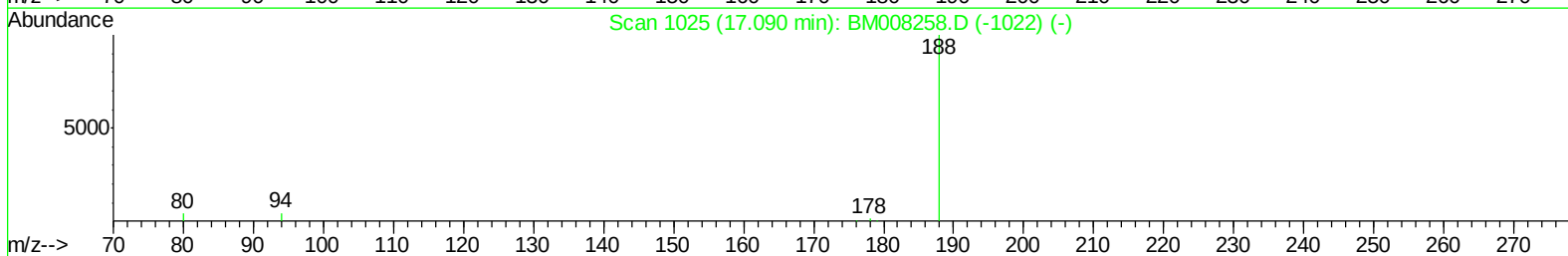
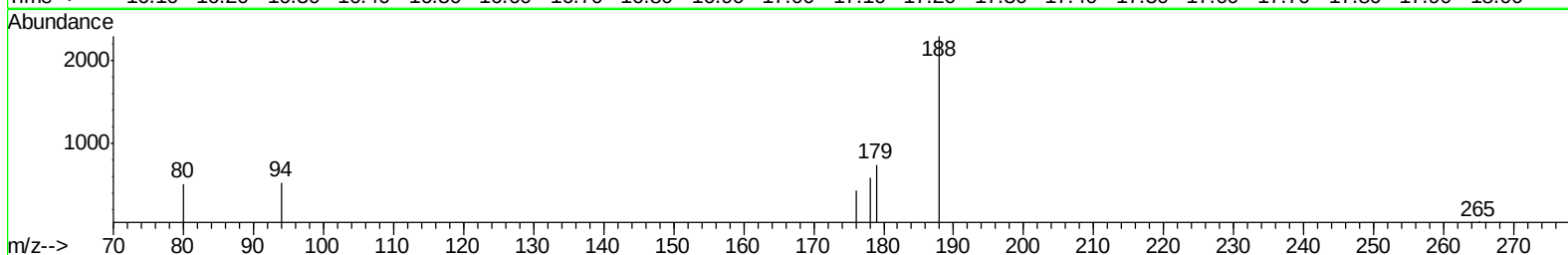
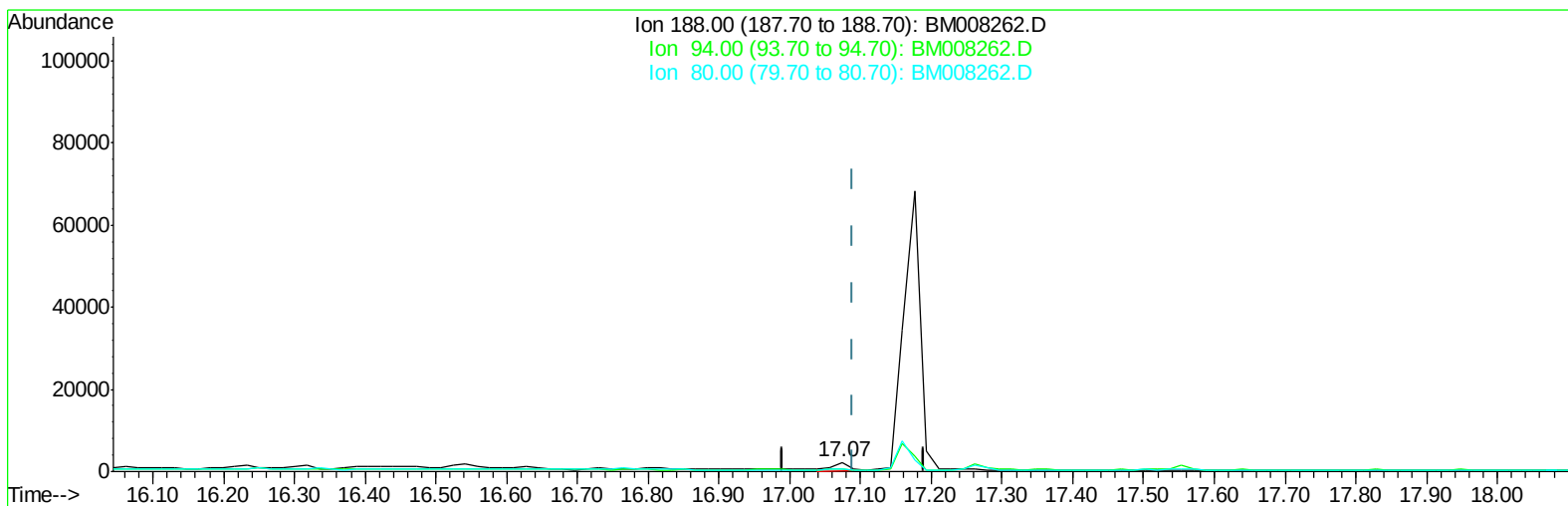
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008262.D
Acq On : 12 Dec 2016 14:19
Operator : UM/SJ
Sample : H5905-18RE
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TIC: BM008262.D

(10) Phenanthrene-d10 (I)

17.073min (-0.017) 0.40ng/ul m

response 3997

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	23.36#
80.00	11.80	22.62#
0.00	0.00	0.00

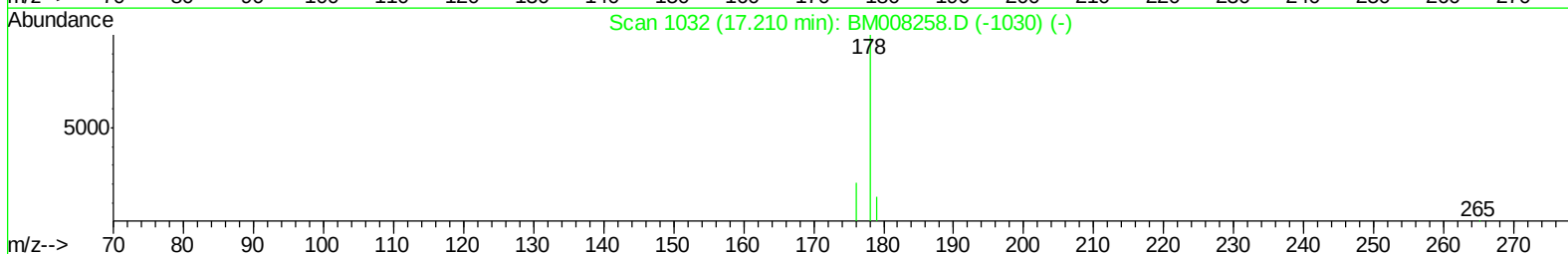
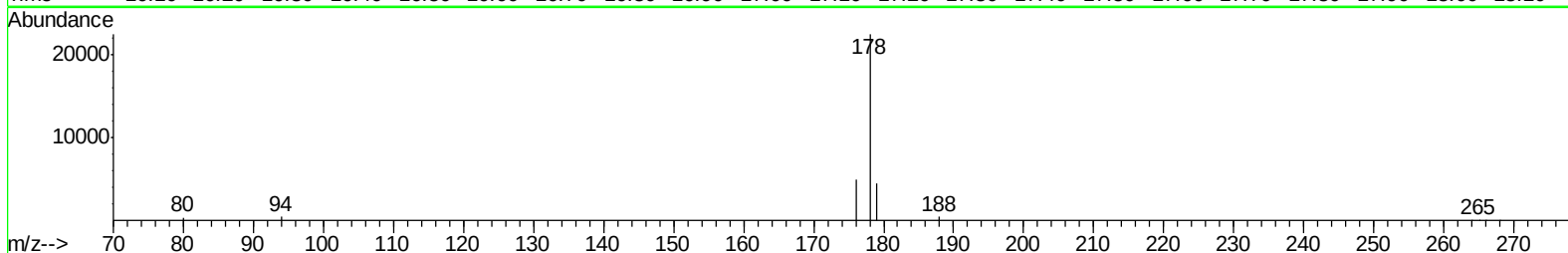
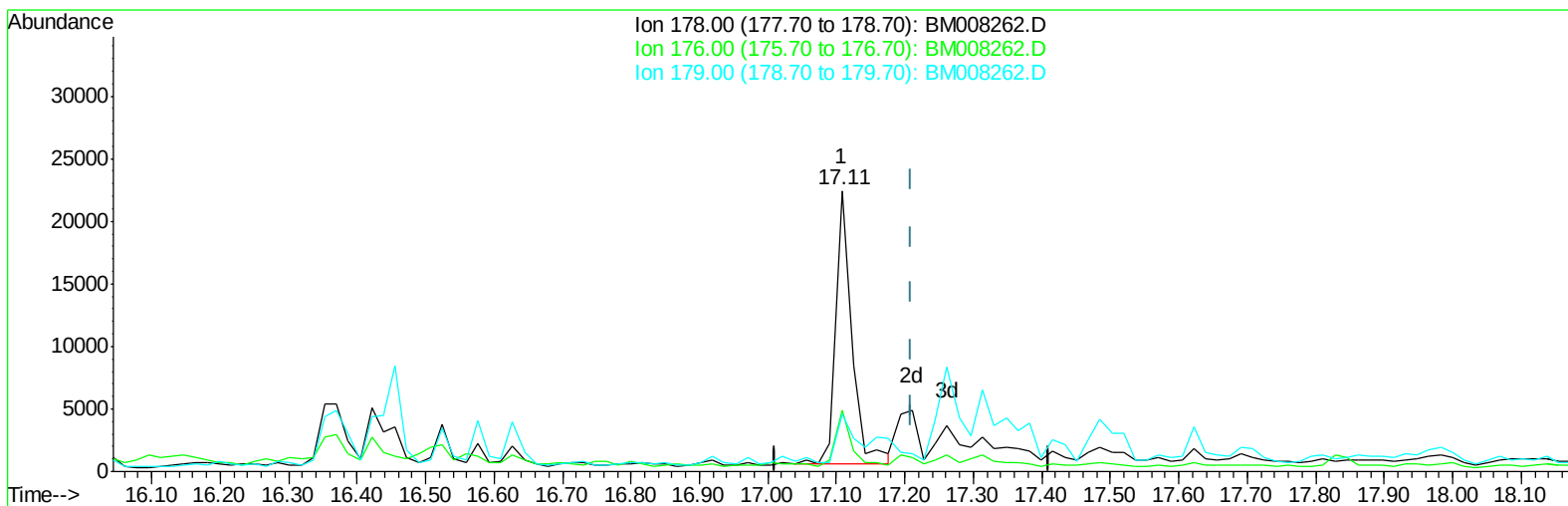
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008262.D
Acq On : 12 Dec 2016 14:19
Operator : UM/SJ
Sample : H5905-18RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA817RE

Manual Integrations
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Quant Time: Dec 13 02:46:15 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: BM008262.D

(13) Anthracene

17.108min (-0.103) 2.98ng/ul

response 34800

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	21.82
179.00	18.40	20.37
0.00	0.00	0.00

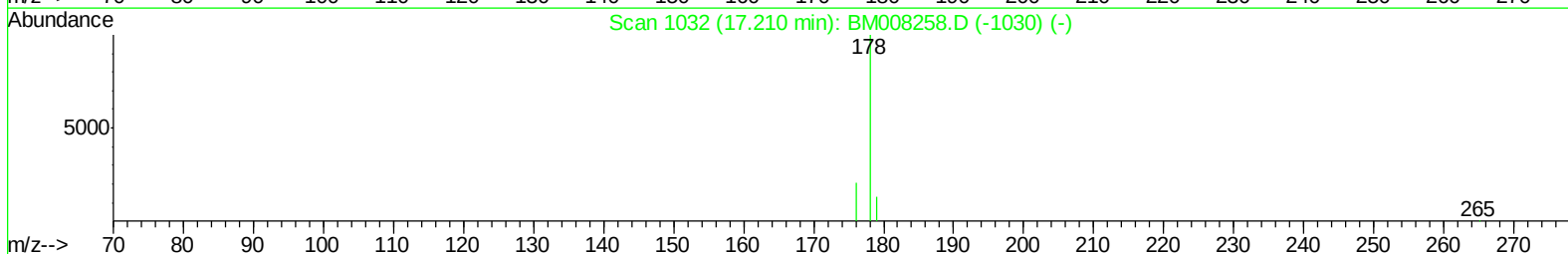
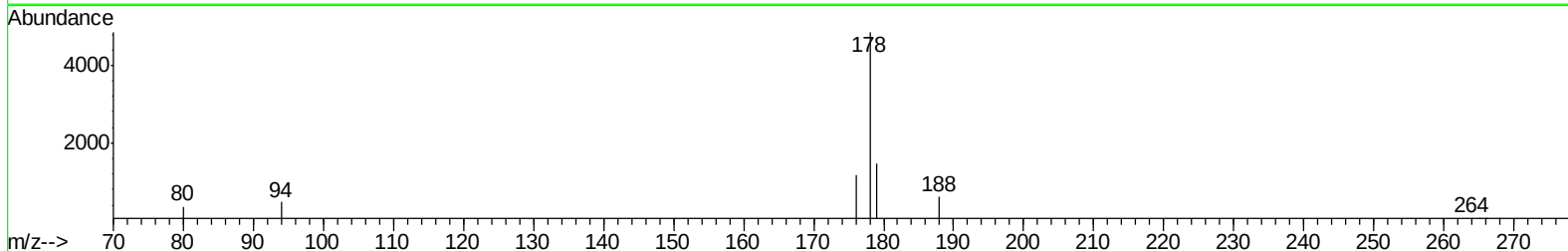
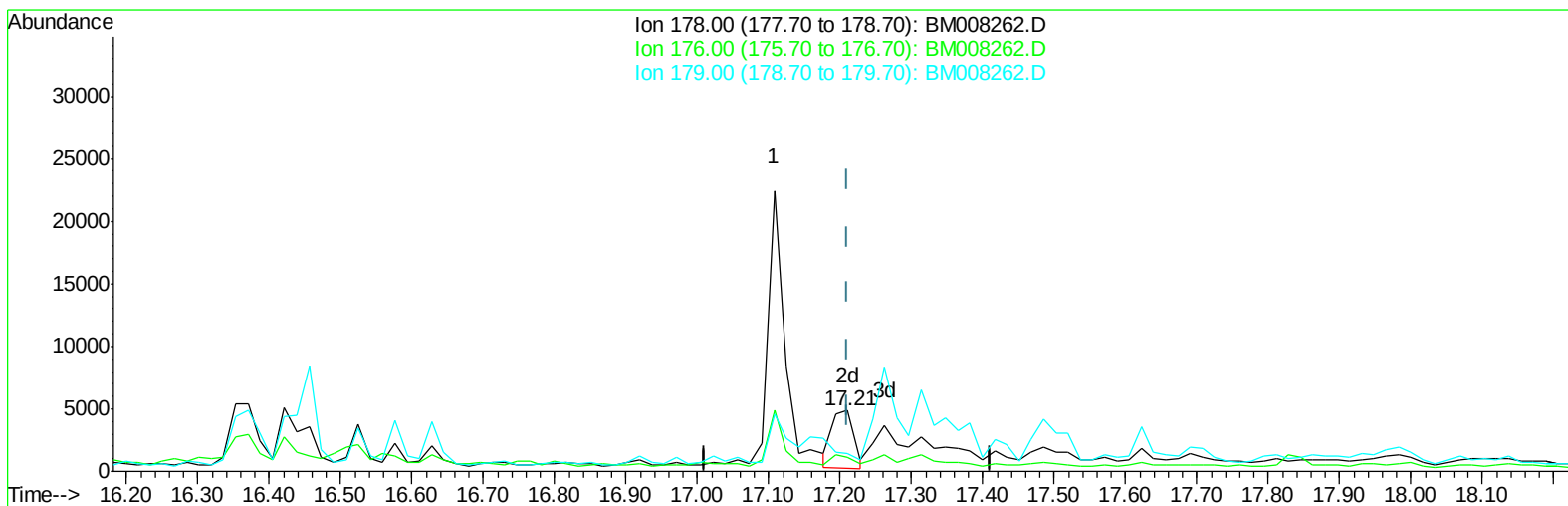
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008262.D
Acq On : 12 Dec 2016 14:19
Operator : UM/SJ
Sample : H5905-18RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Dec 13 02:46:15 2016
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TIC: BM008262.D

(13) Anthracene

17.211min (+0.000) 0.85ng/ul m

response 9961

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	24.15
179.00	18.40	30.44#
0.00	0.00	0.00

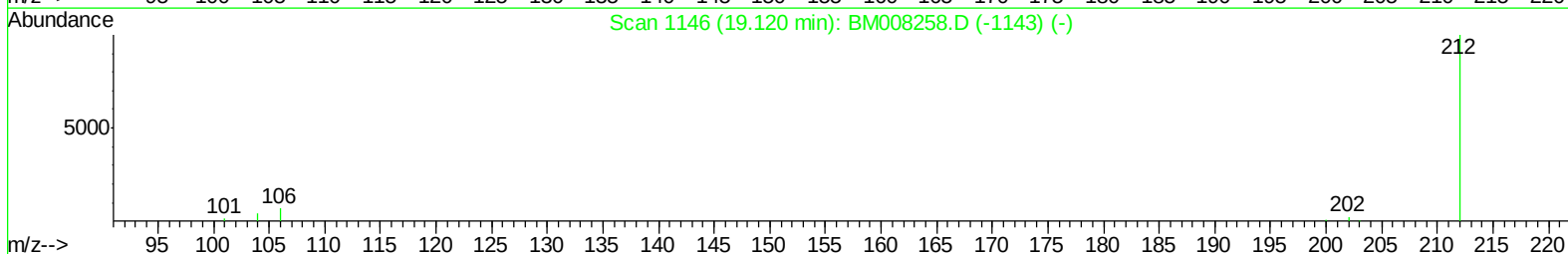
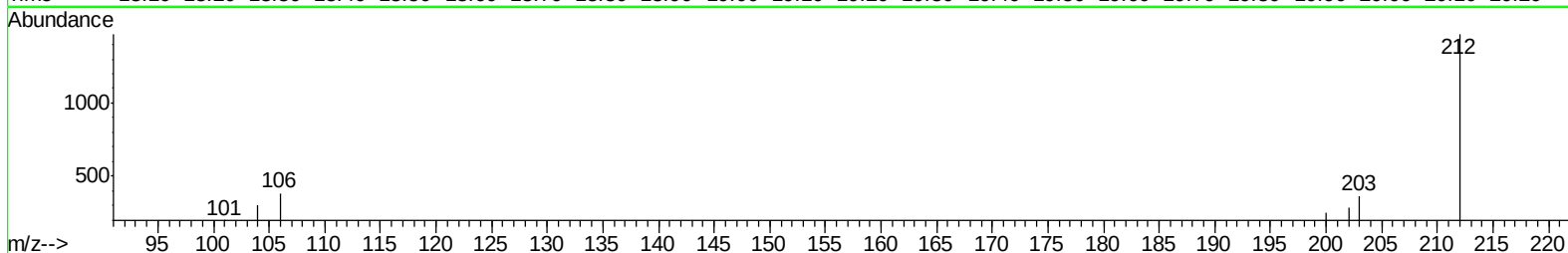
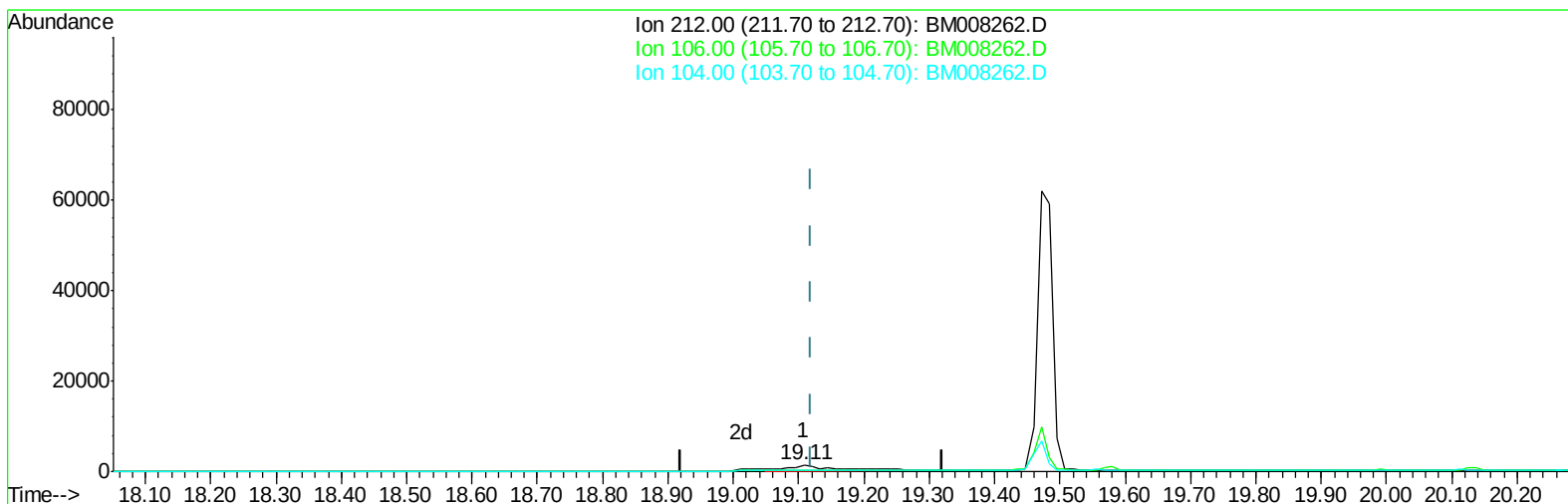
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008262.D
Acq On : 12 Dec 2016 14:19
Operator : UM/SJ
Sample : H5905-18RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Quant Time: Dec 13 02:46:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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TIC: BM008262.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.012) 0.58ng/ul

response 6532

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	38.73#
104.00	15.60	0.00#
0.00	0.00	0.00

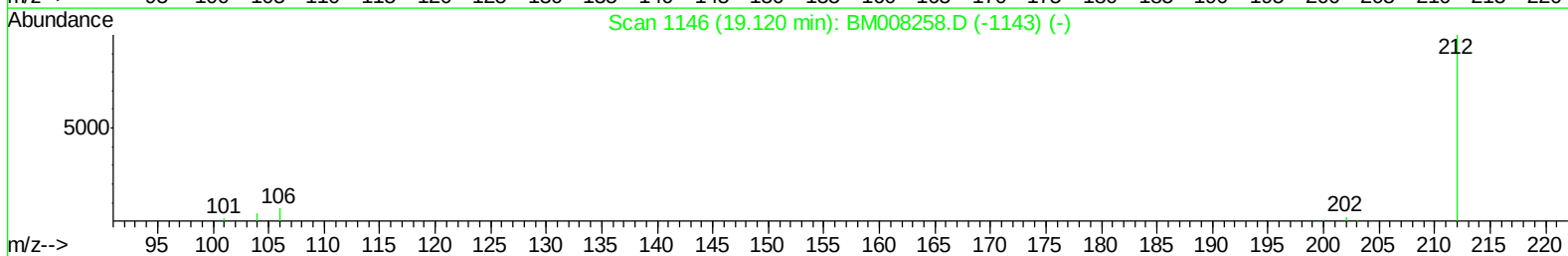
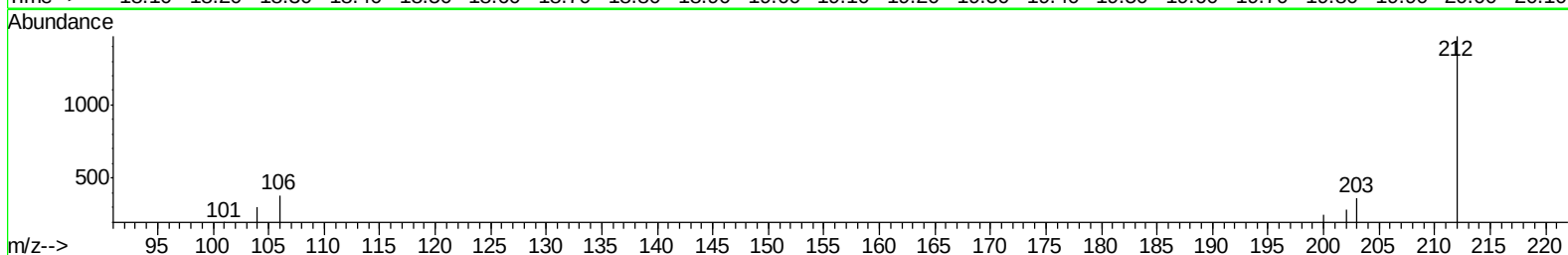
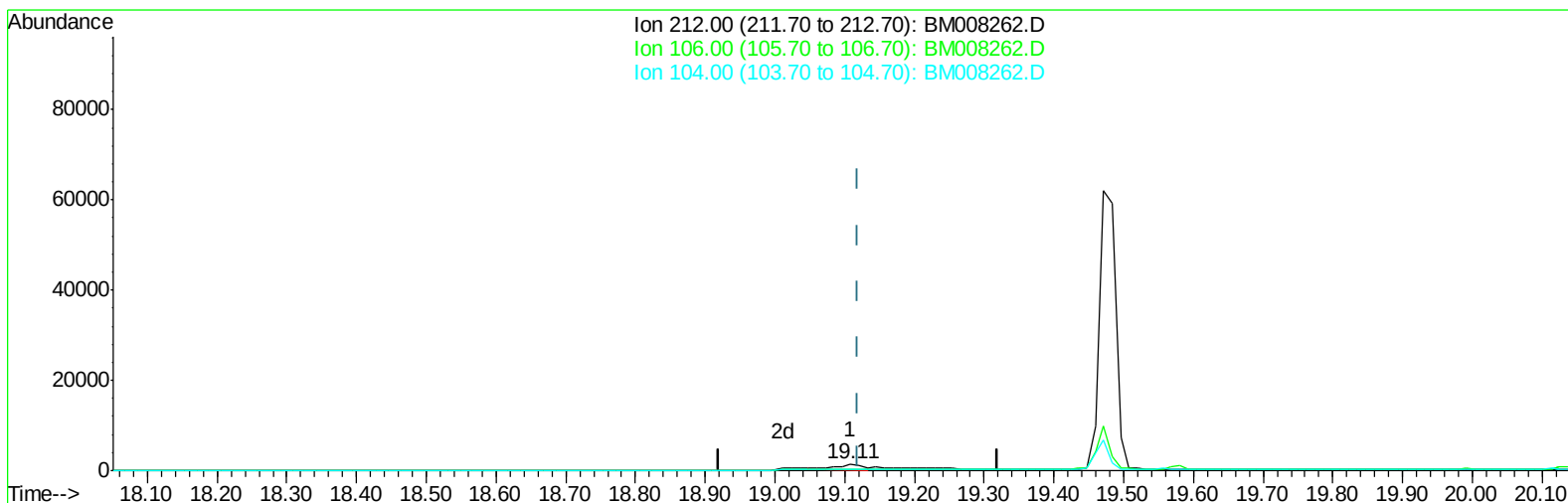
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008262.D
Acq On : 12 Dec 2016 14:19
Operator : UM/SJ
Sample : H5905-18RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA817RE

Manual Integrations
APPROVED

umangi
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Quant Time: Dec 13 02:46:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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TIC: BM008262.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.012) 0.31ng/ul m

response 3483

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	72.64#
104.00	15.60	0.00#
0.00	0.00	0.00

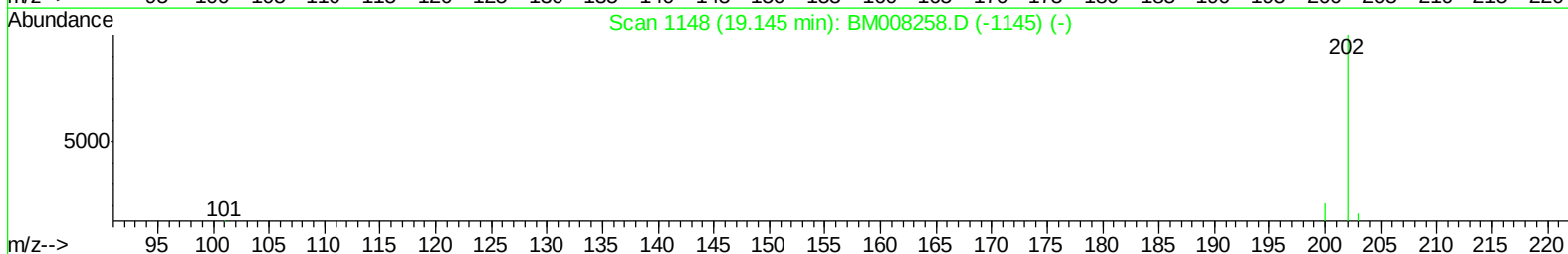
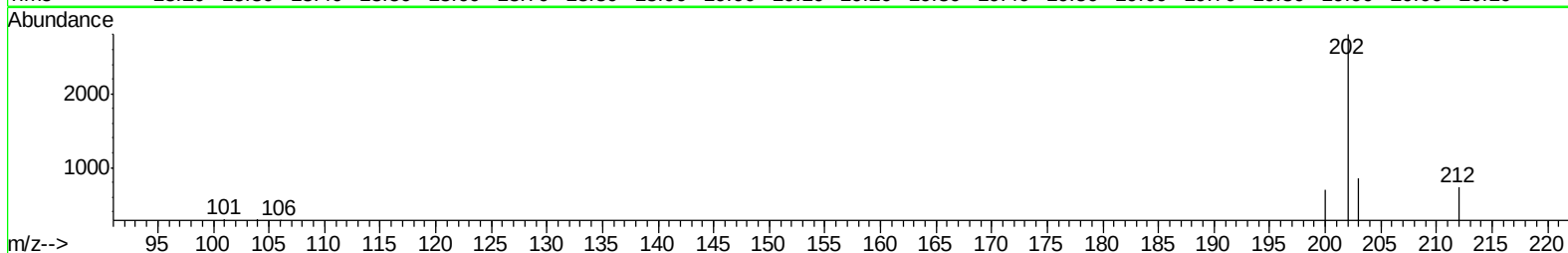
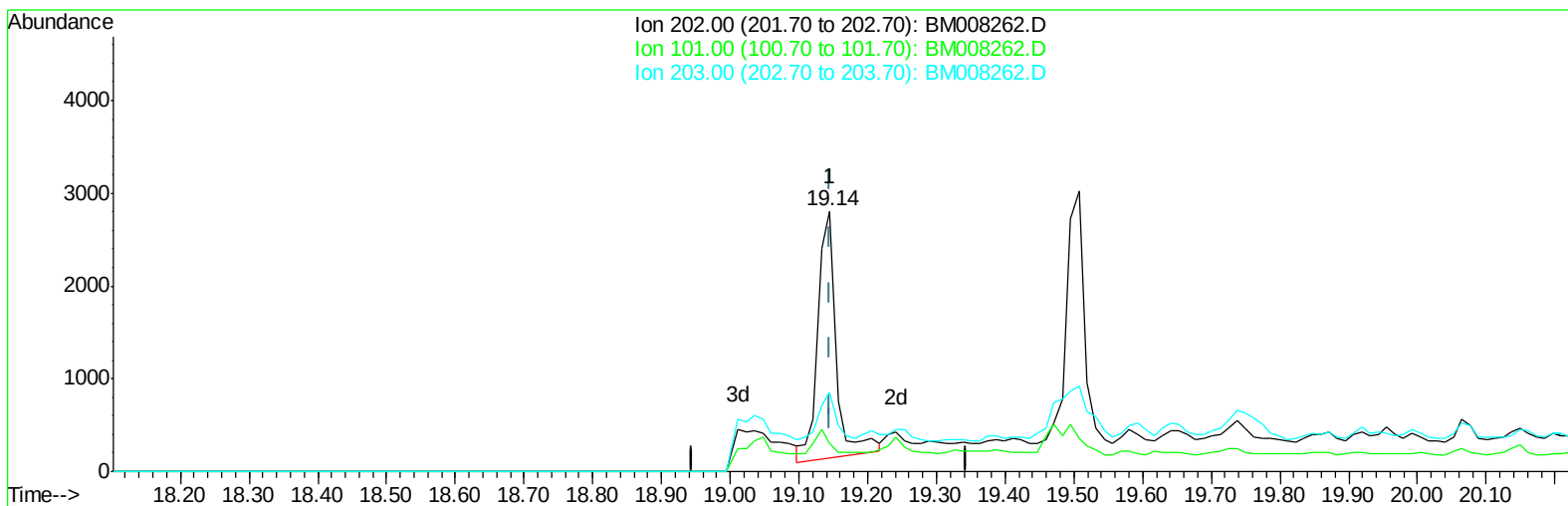
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008262.D
Acq On : 12 Dec 2016 14:19
Operator : UM/SJ
Sample : H5905-18RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BM008262.D

(15) Fluoranthene (C)

19.145min (+0.000) 0.31ng/ul

response 4956

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.69
203.00	19.50	30.22
0.00	0.00	0.00

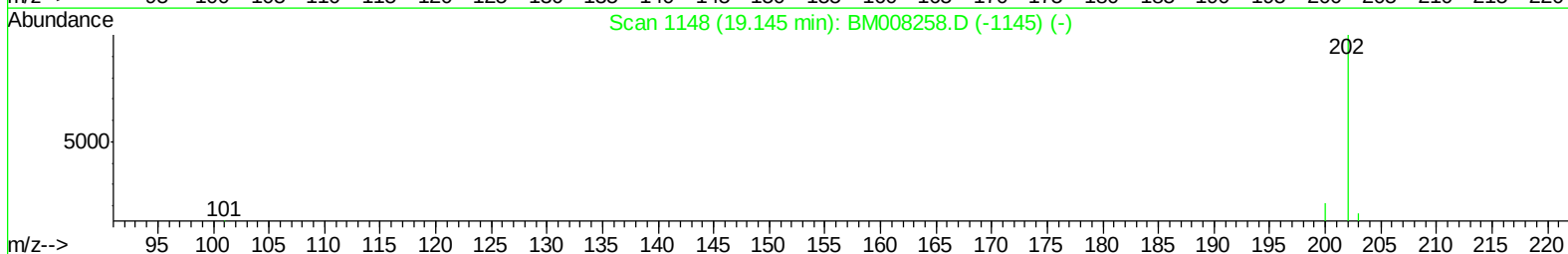
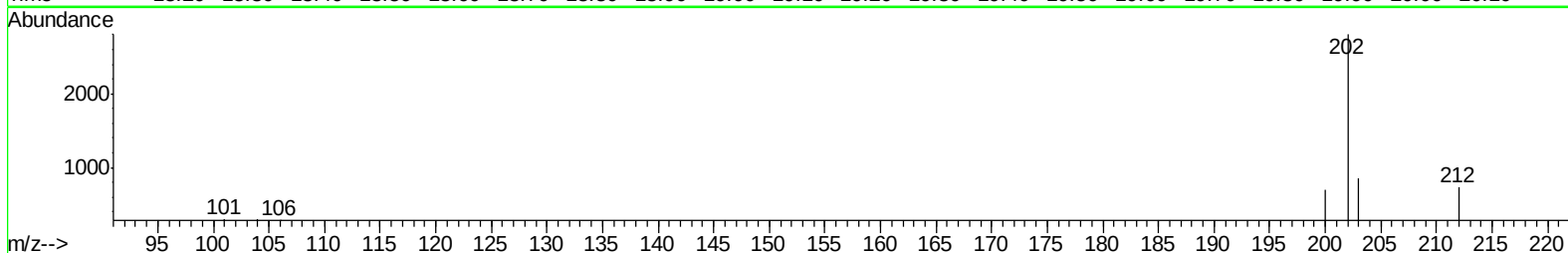
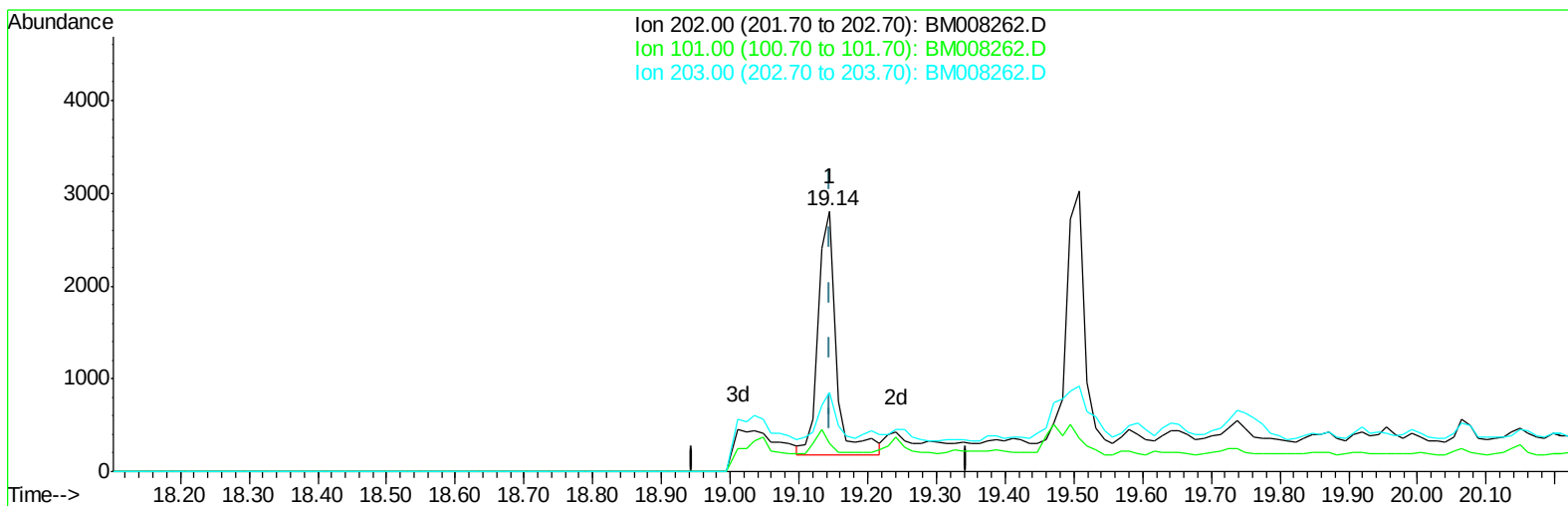
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
Data File : BM008262.D
Acq On : 12 Dec 2016 14:19
Operator : UM/SJ
Sample : H5905-18RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA817RE

Manual Integrations
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Quant Time: Dec 13 02:46:15 2016
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TIC: BM008262.D

(15) Fluoranthene (C)

19.145min (+0.000) 0.30ng/ul m

response 4818

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.69
203.00	19.50	30.22
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
 Data File : BM008262.D
 Acq On : 12 Dec 2016 14:19
 Operator : UM/SJ
 Sample : H5905-18RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA817RE

Manual Integrations
 APPROVED

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Quant Time: Dec 13 02:47:54 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	794	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2345	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	4134	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.07	188	3997m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1897	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1735	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	1296	0.39	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	3483m	0.31	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.51	128	430502	65.65	ng/ul#	93
5) 2-Methylnaphthalene	12.13	142	786540	186.07	ng/ul	98
7) Acenaphthylene	14.04	152	15404	0.82	ng/ul#	4
8) Acenaphthene	14.38	153	43965	3.09	ng/ul	98
9) Fluorene	15.38	166	94099	5.75	ng/ul	86
12) Phenanthrene	17.11	178	36752	2.95	ng/ul	95
13) Anthracene	17.21	178	9961m	0.85	ng/ul	
15) Fluoranthene	19.14	202	4818m	0.30	ng/ul	
17) Pyrene	19.51	202	4959	0.75	ng/ul#	86

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

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