Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 09:36:11 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

Instrument :
BNA_M
ClientSampleId :
DA804RE

Manual Integrations APPROVED
umangi
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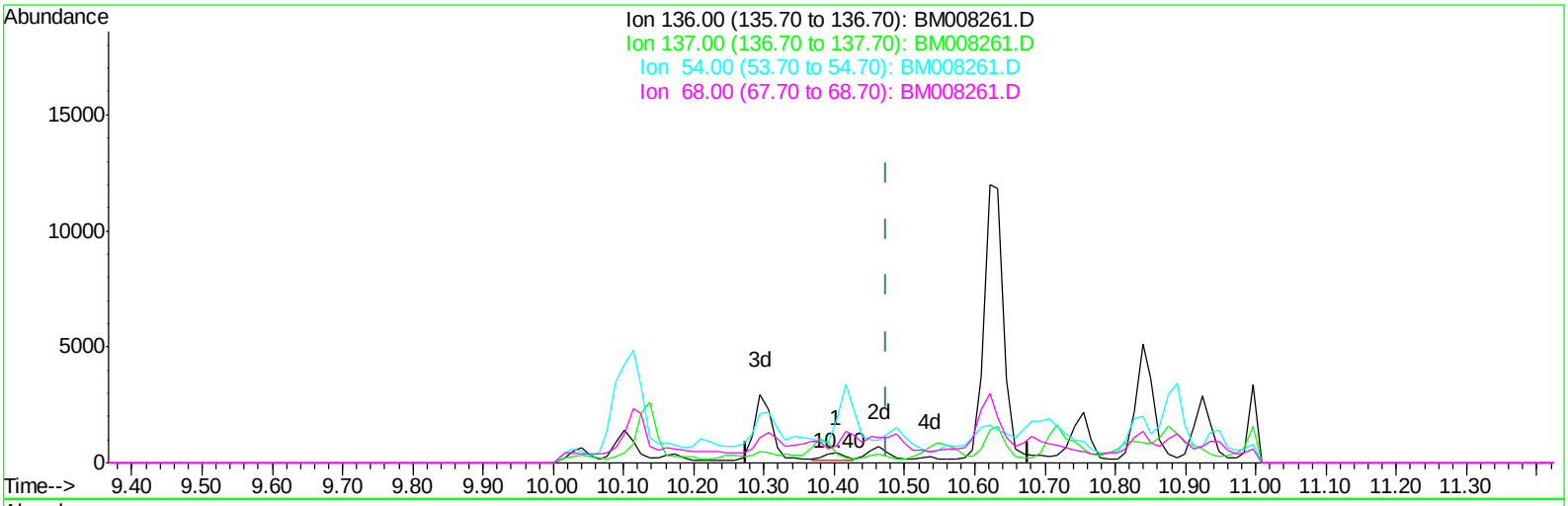

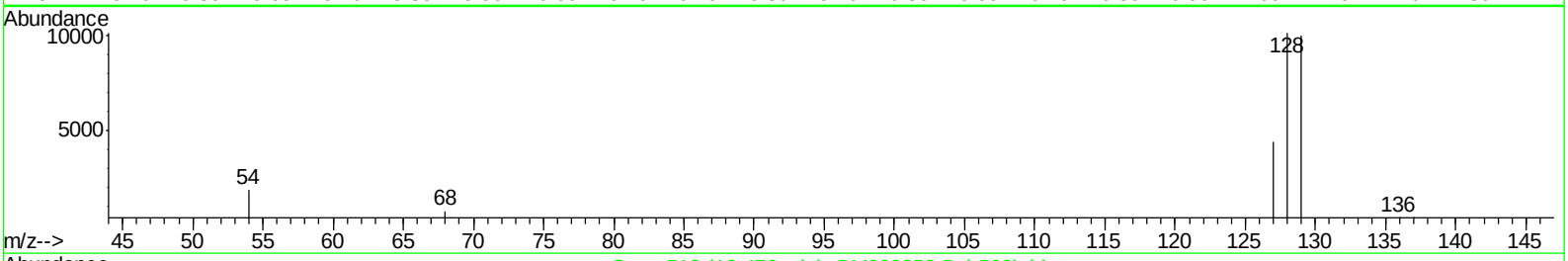

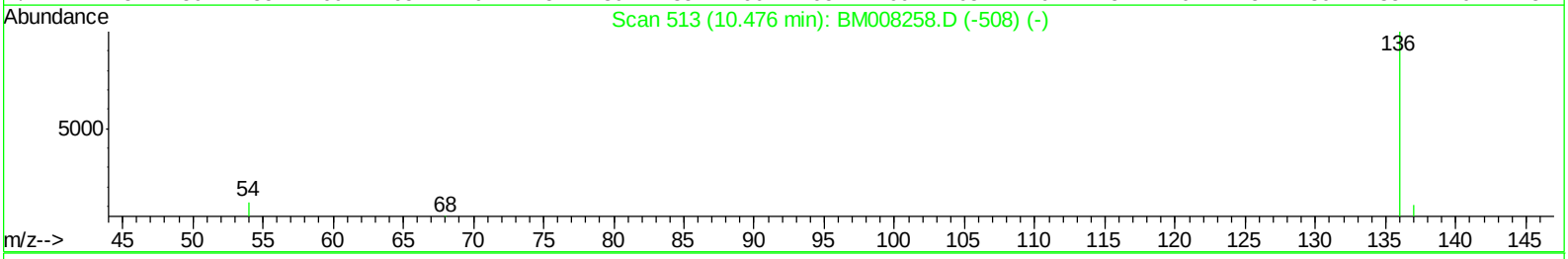

TIC: BM008261.D

(2) Naphthalene-d8 (I)

10.403min (-0.072) 0.40ng/ul

response 616

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	94.23#
54.00	15.50	439.49#
68.00	9.90	174.36#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 09:36:11 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

Instrument :
BNA_M
ClientSampleId :
DA804RE

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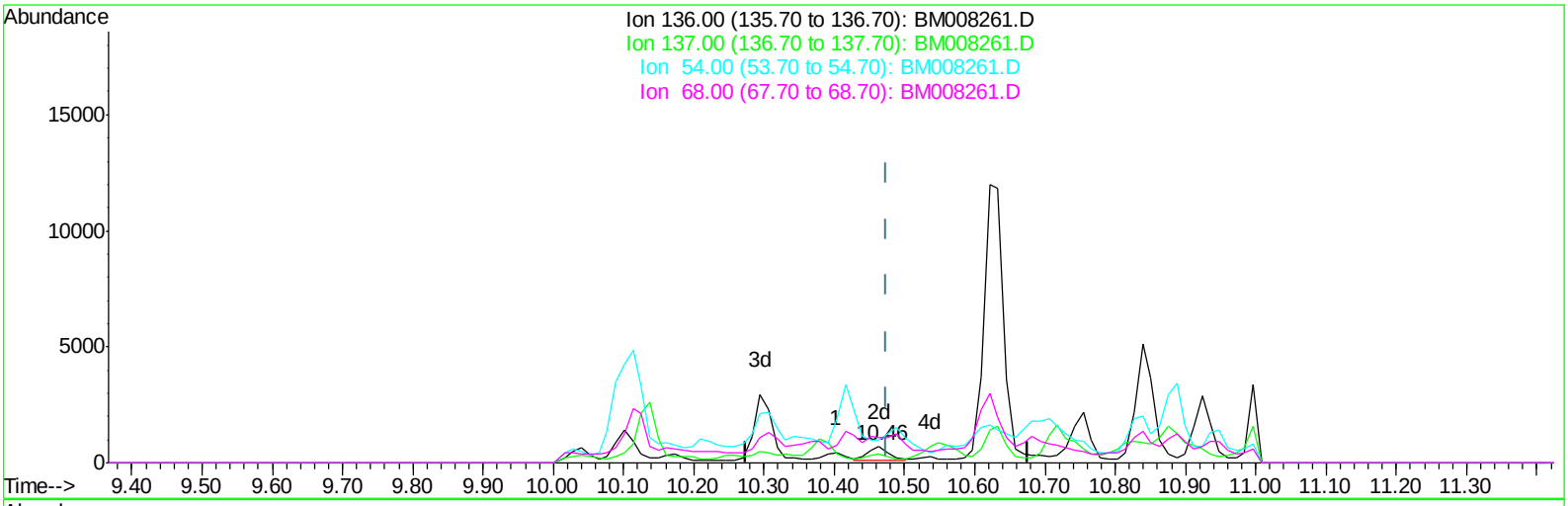

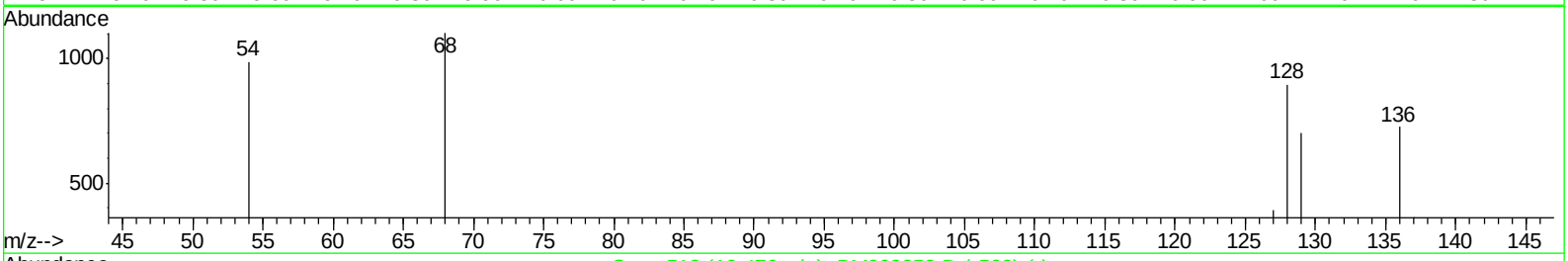

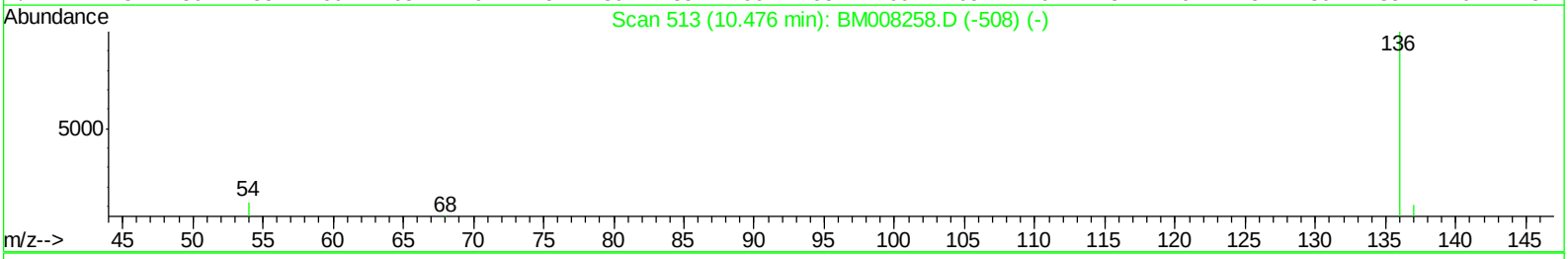

TIC: BM008261.D

(2) Naphthalene-d8 (I)

10.464min (-0.012) 0.40ng/ul m

response 1302

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	49.66#
54.00	15.50	136.14#
68.00	9.90	152.28#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 09:37:42 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

Instrument :
BNA_M
ClientSampleId :
DA804RE

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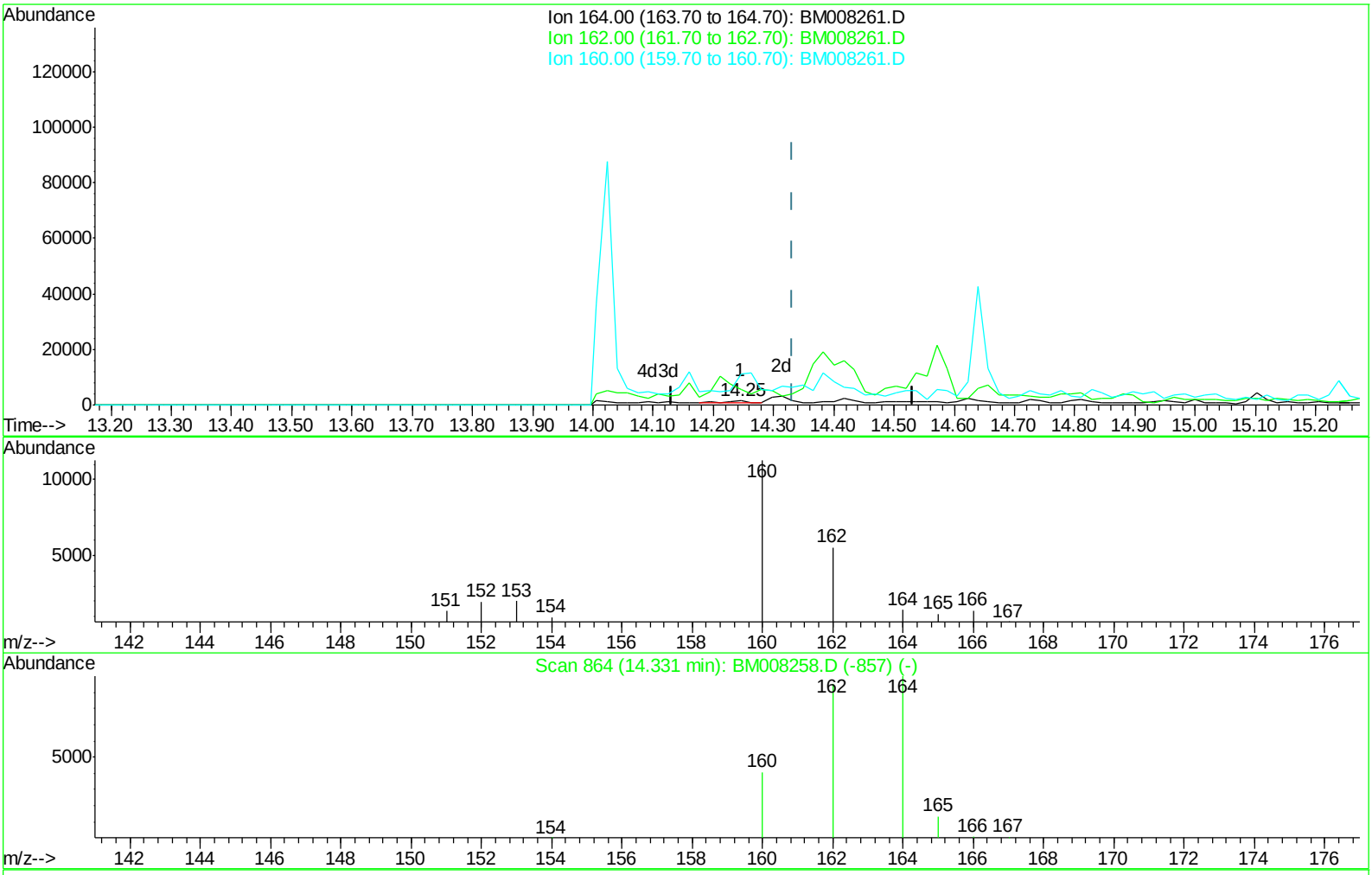

TIC: BM008261.D

(6) Acenaphthene-d10 (I)

14.246min (-0.085) 0.40ng/ul

response 1893

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	389.73#
160.00	48.80	792.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 09:37:42 2016
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Instrument :
BNA_M
ClientSampleId :
DA804RE

Manual Integrations APPROVED
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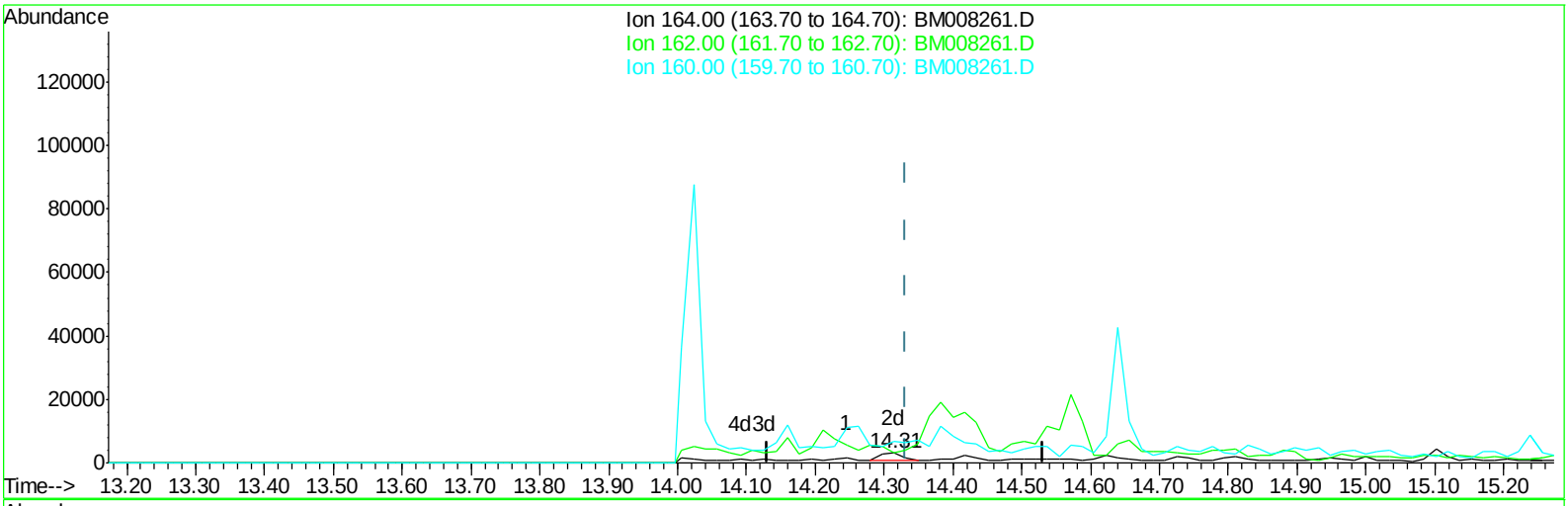

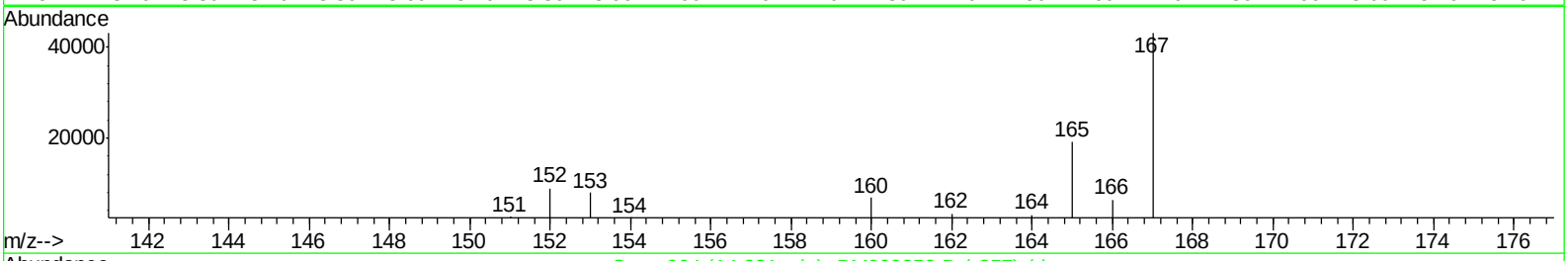

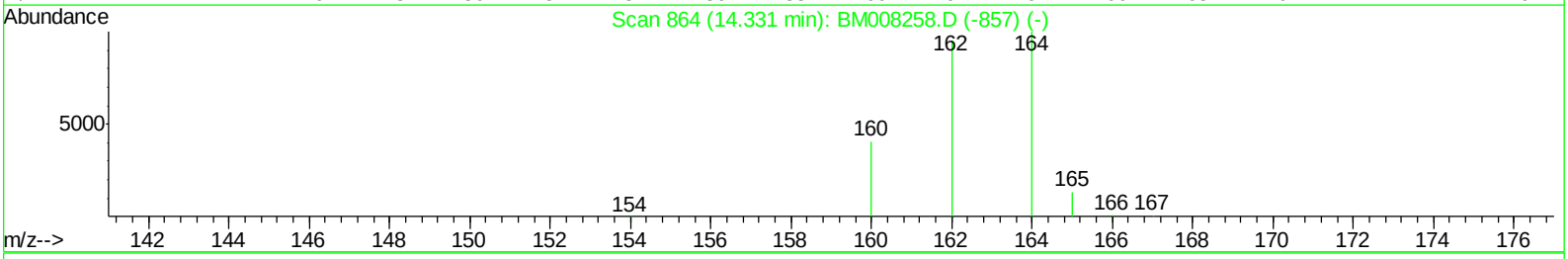

TIC: BM008261.D

(6) Acenaphthene-d10 (I)

14.314min (-0.017) 0.40ng/ul m

response 5815

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	109.94
160.00	48.80	220.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 09:38:30 2016
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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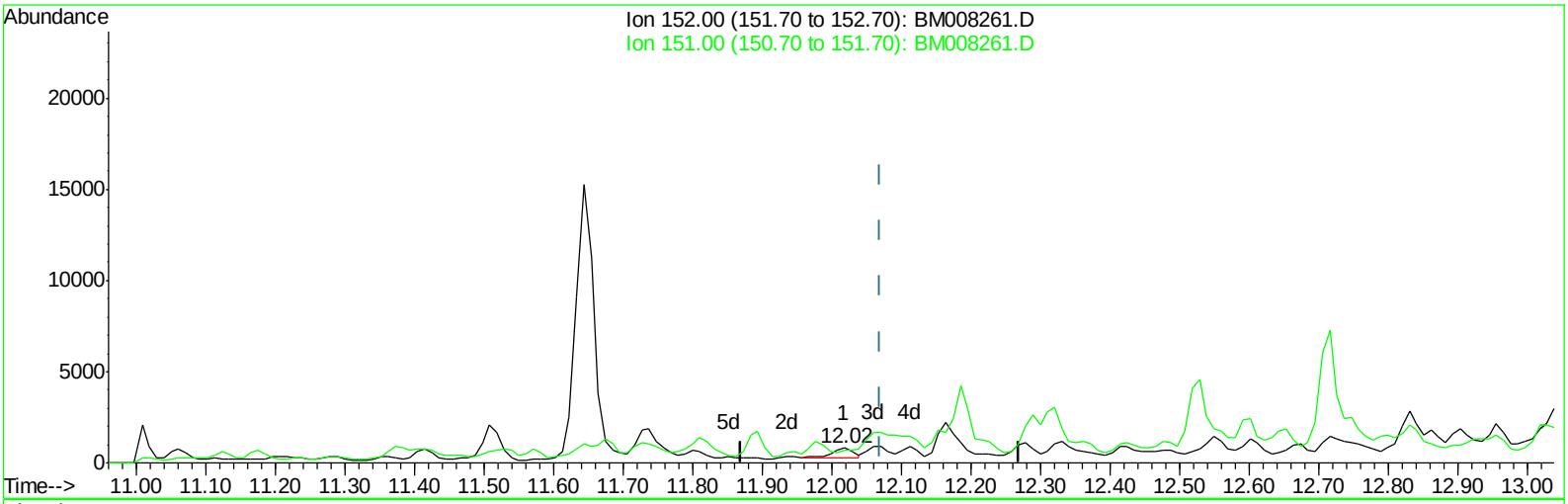

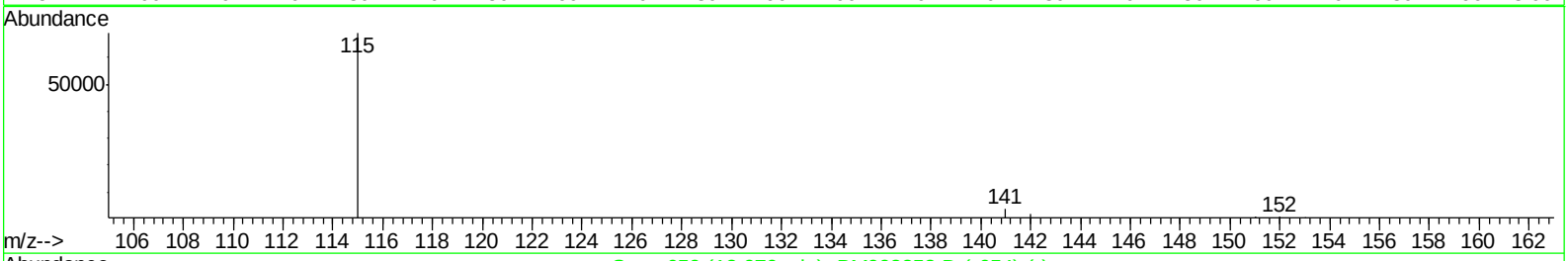

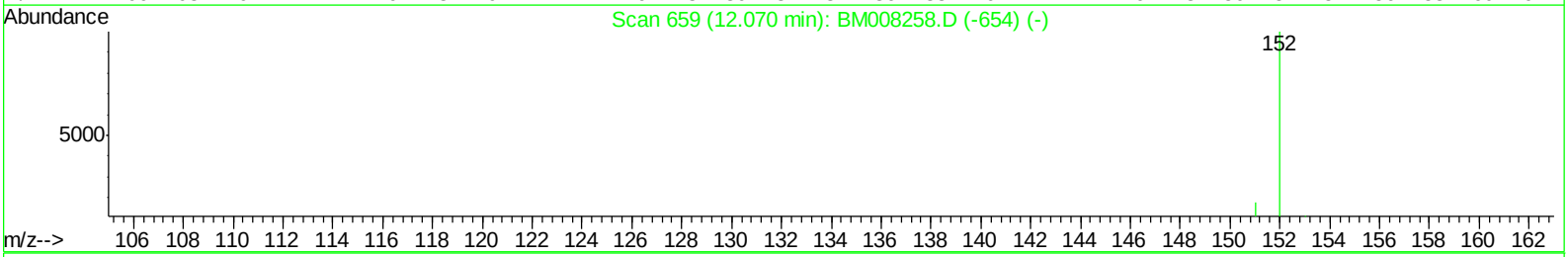

TIC: BM008261.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.018min (-0.052) 0.60ng/ul

response 1102

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

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QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA804RE

Manual Integrations APPROVED
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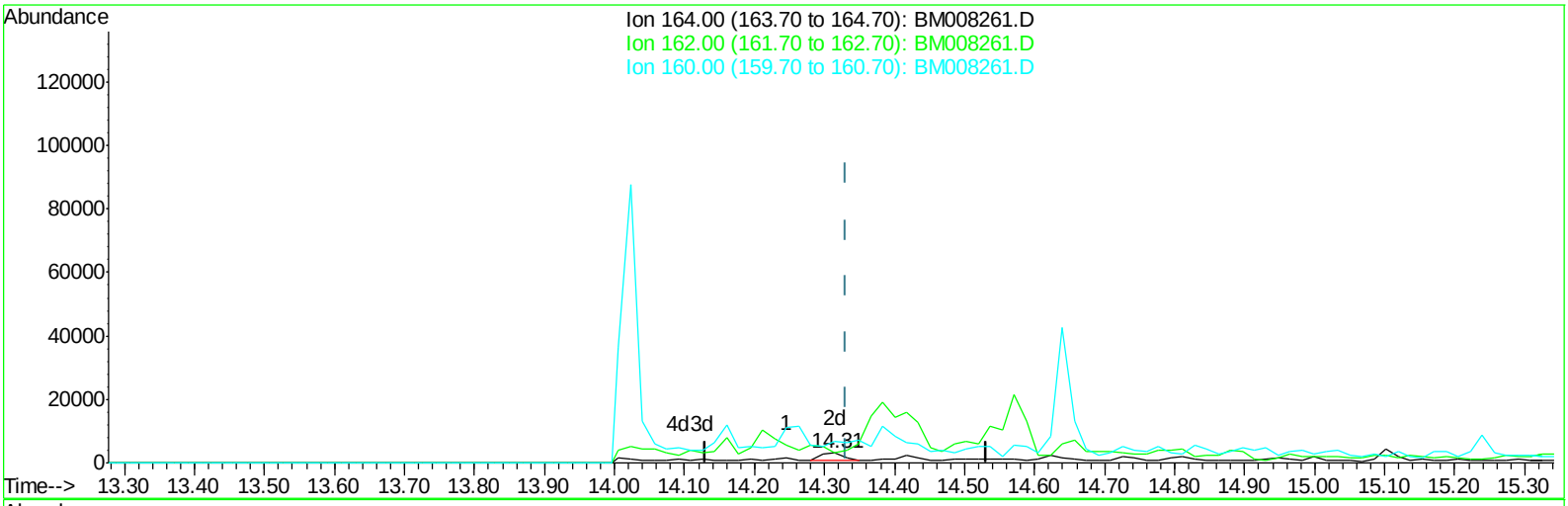

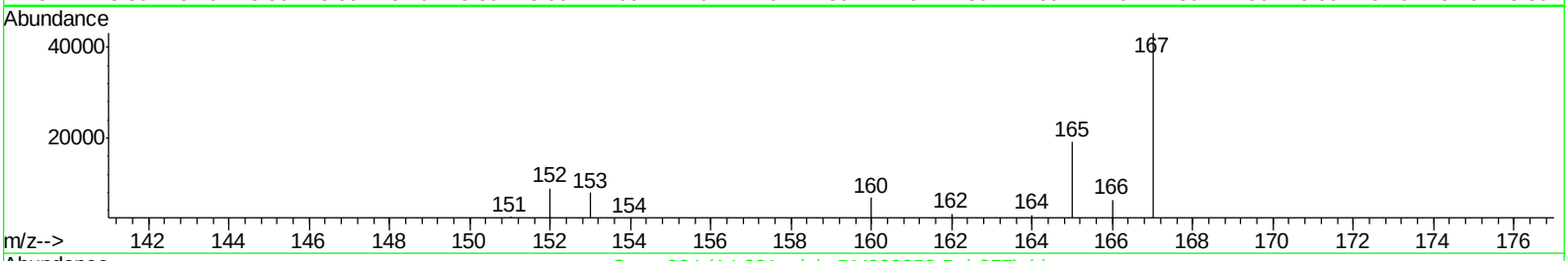

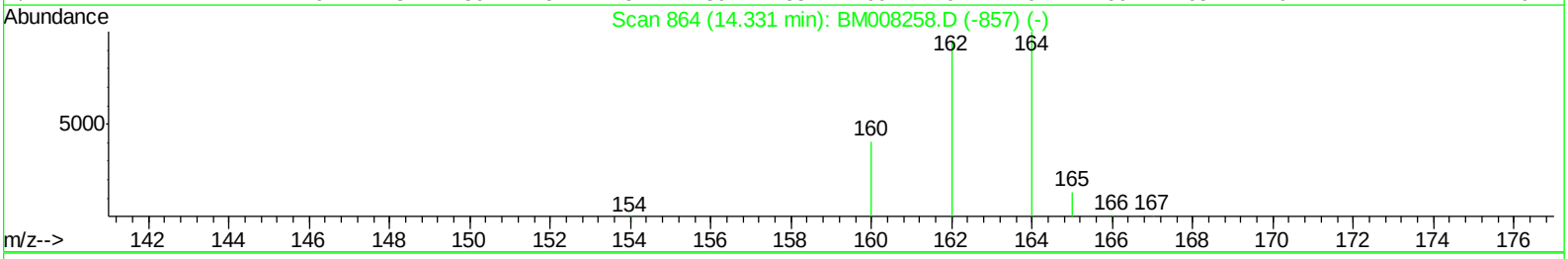

TIC: BM008261.D

(6) Acenaphthene-d10 (I)

14.314min (-0.017) 0.40ng/ul m

response 5815

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	109.94
160.00	48.80	220.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 09:38:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA804RE

Manual Integrations APPROVED
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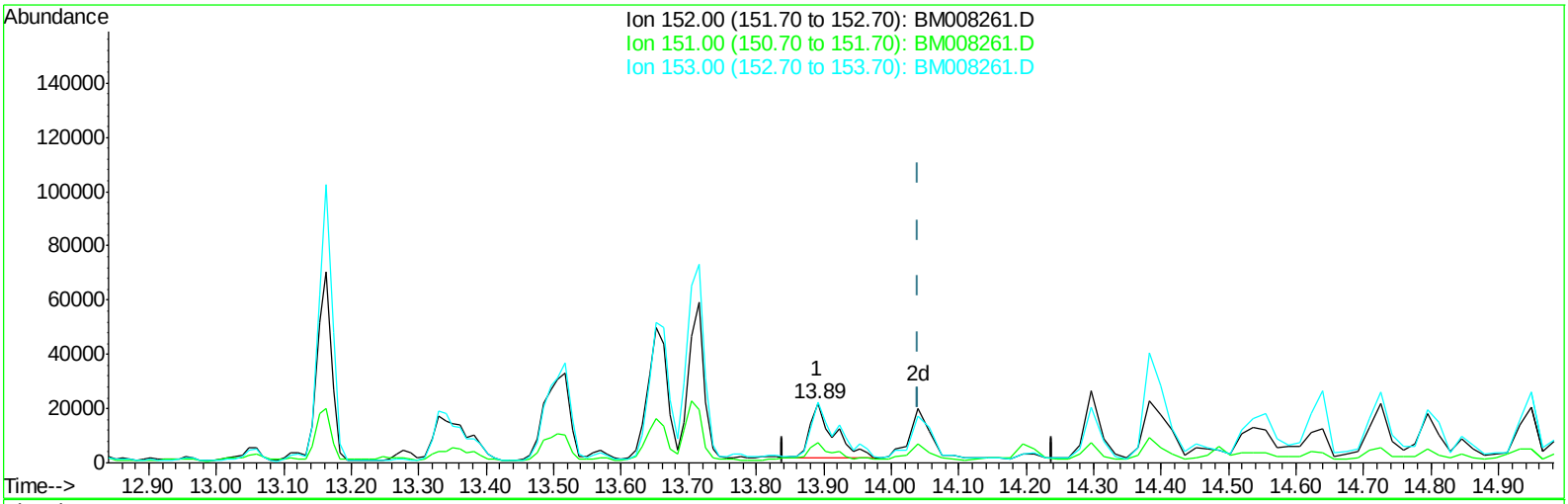

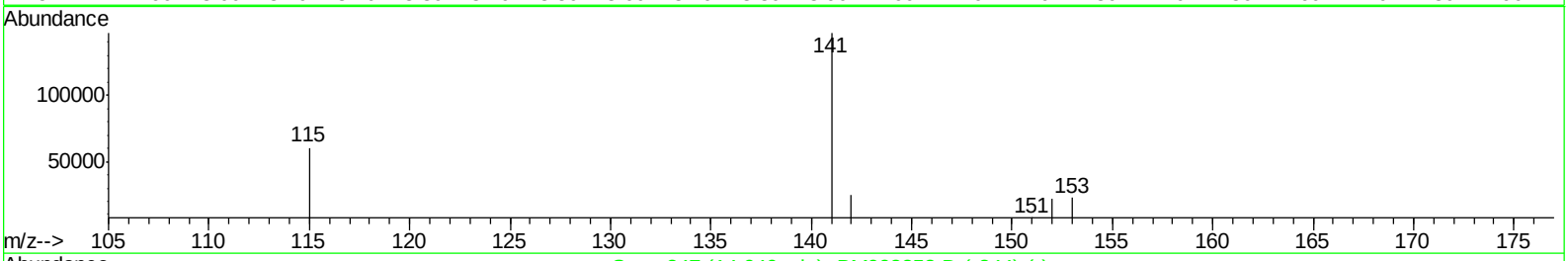

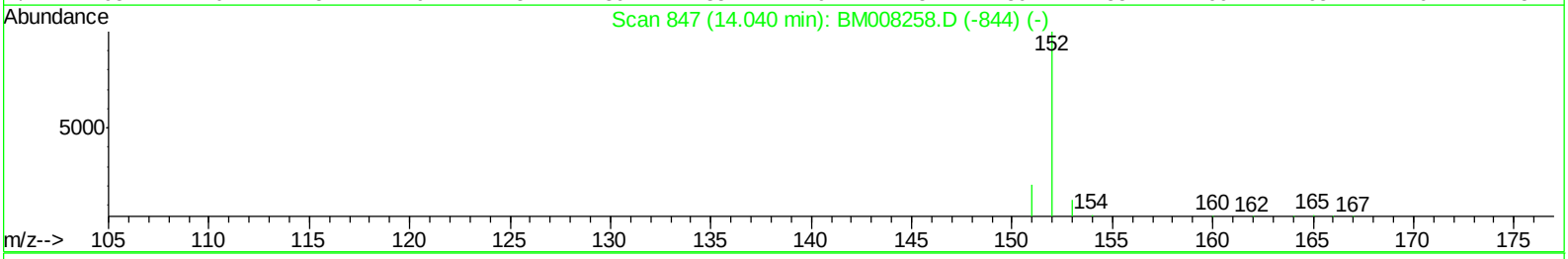

TIC: BM008261.D

(7) Acenaphthylene

13.891min (-0.149) 1.79ng/ul

response 47217

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	34.84#
153.00	16.00	103.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 09:38:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA804RE

Manual Integrations APPROVED
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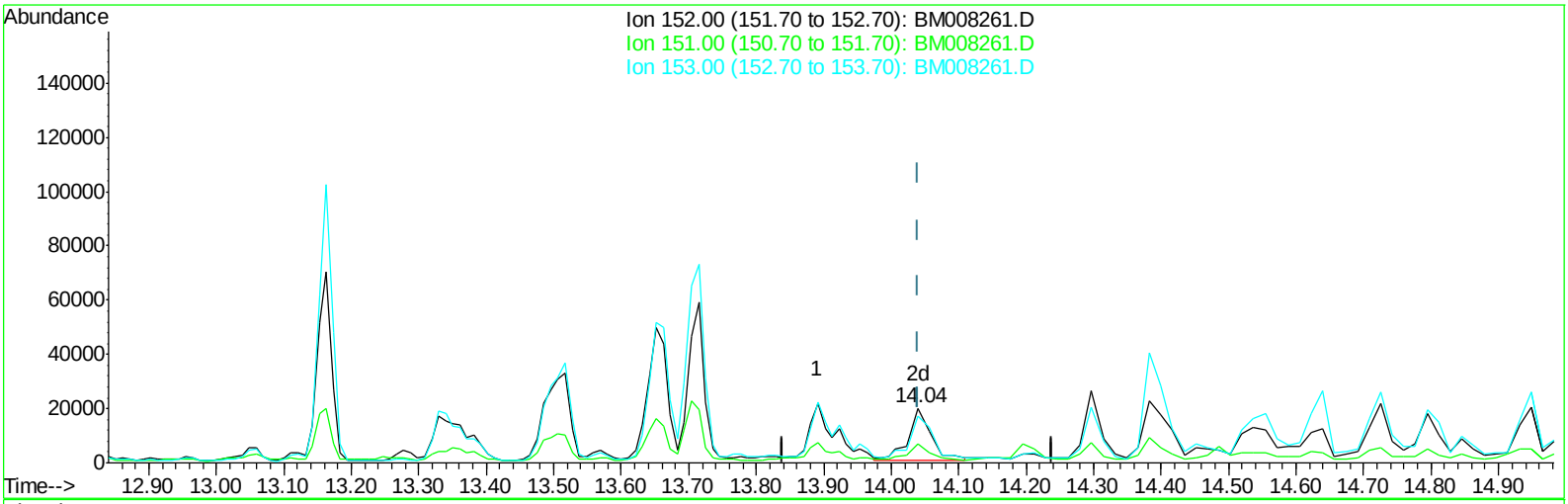

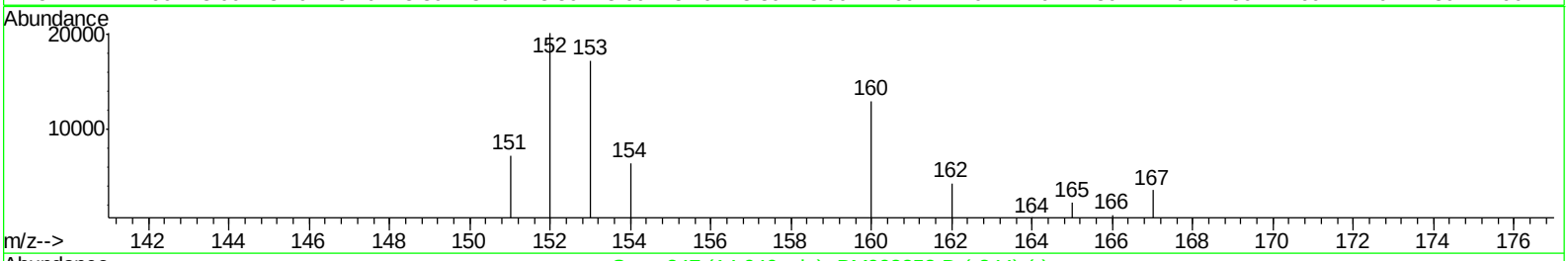

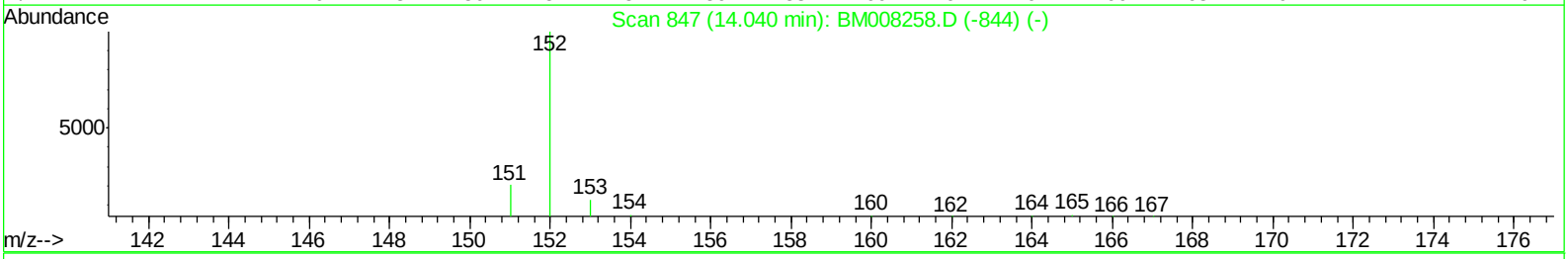

TIC: BM008261.D

(7) Acenaphthylene

14.040min (+0.000) 1.52ng/ul m

response 39998

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	35.74#
153.00	16.00	85.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 09:38:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA804RE

Manual Integrations APPROVED
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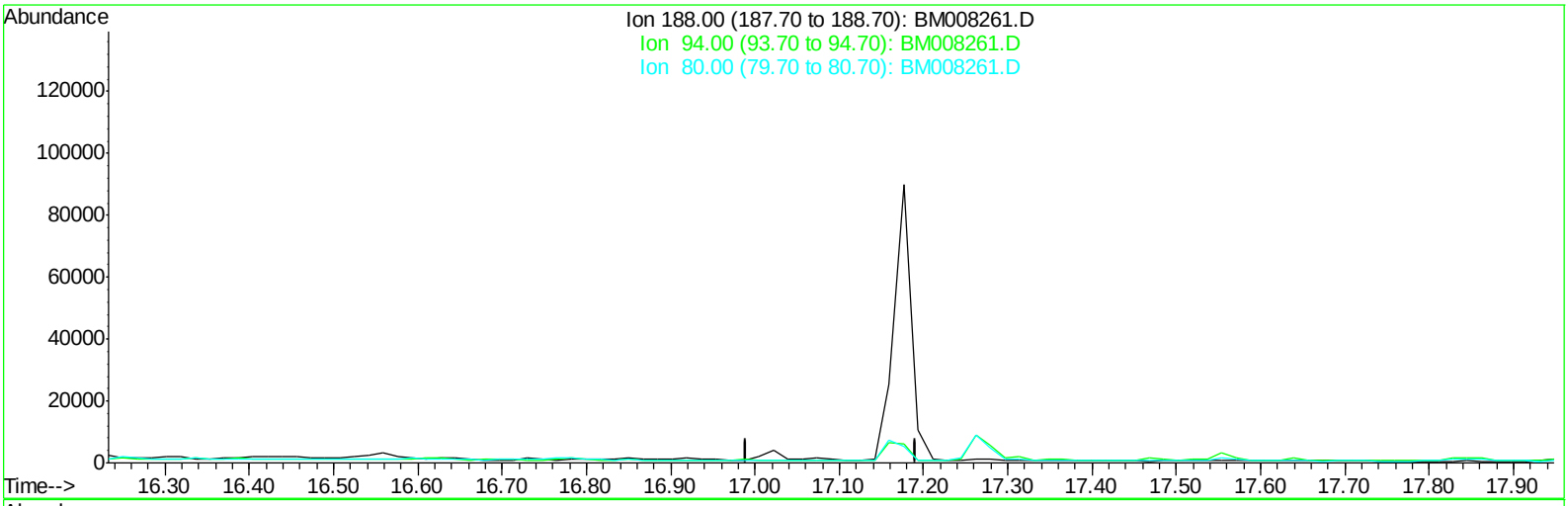
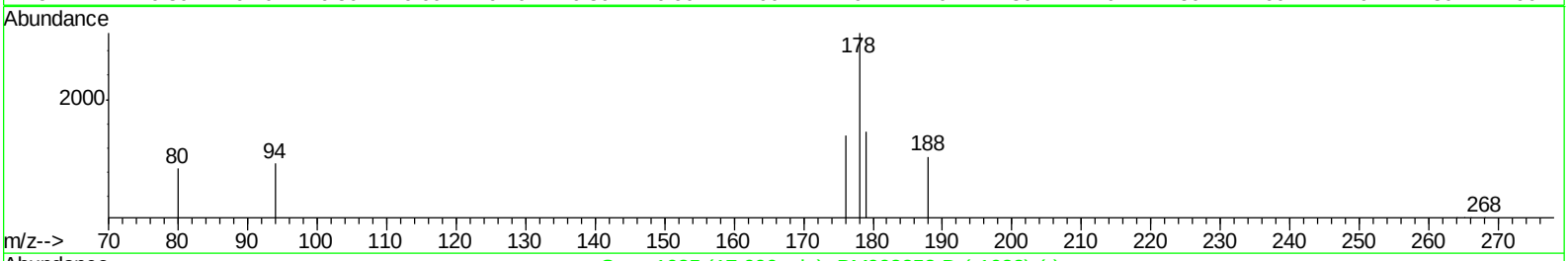
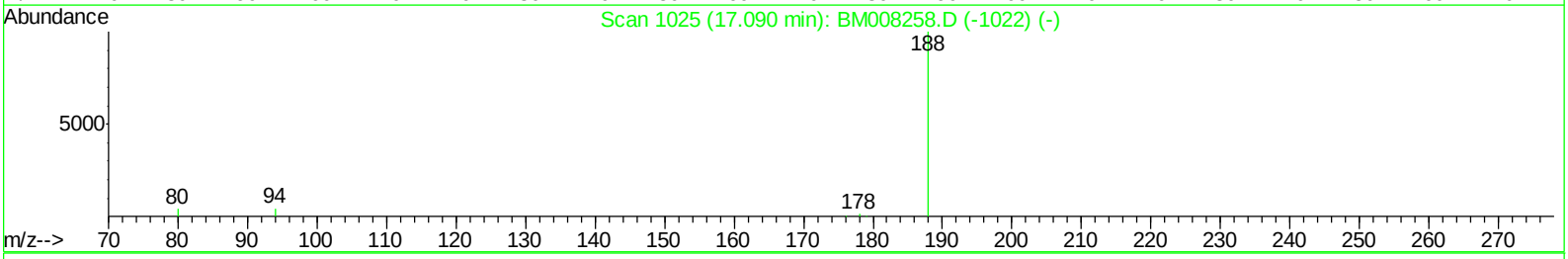
12/13/2016 6:12:48 PM







TIC: BM008261.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

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
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Misc :
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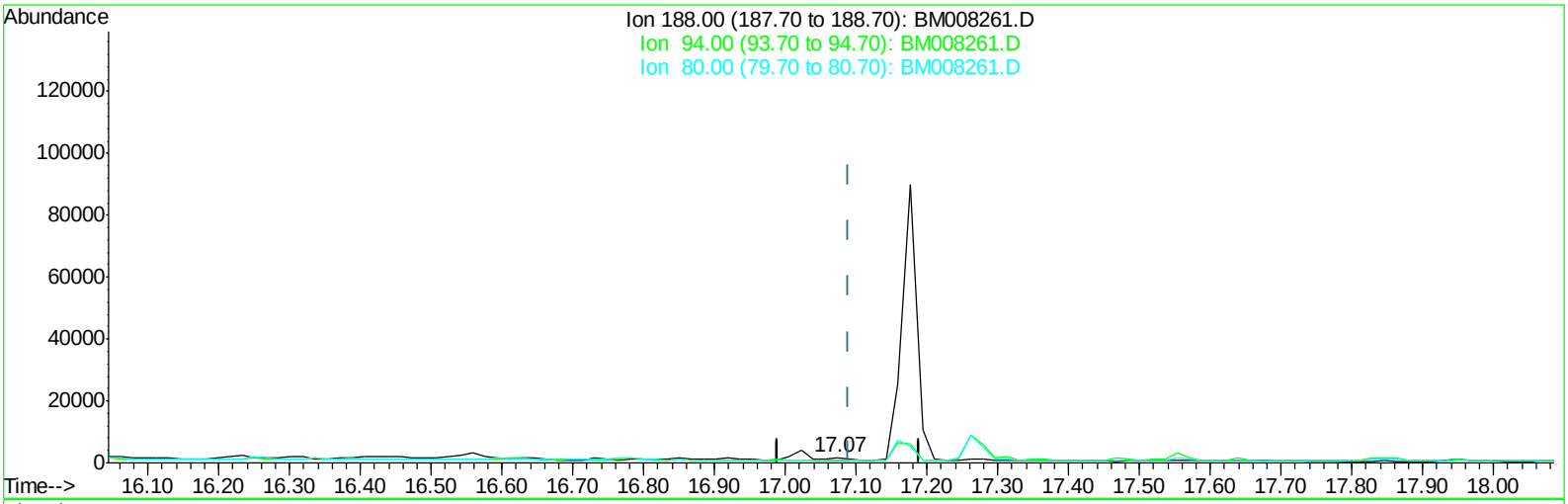

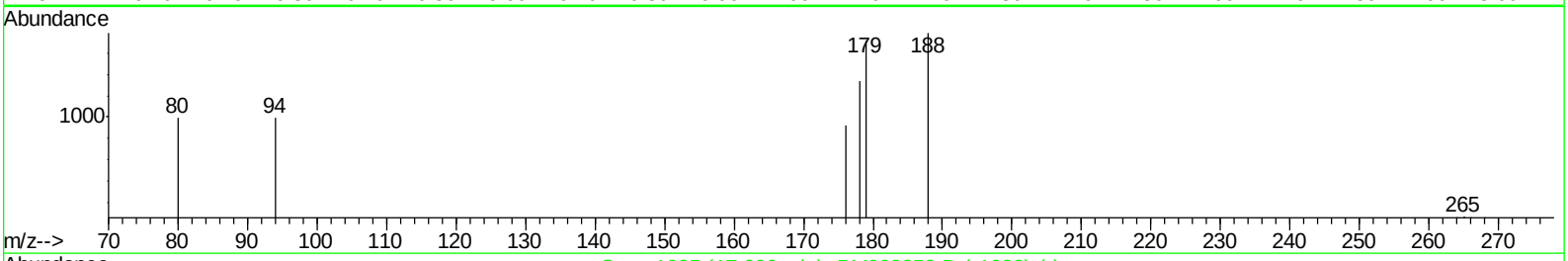

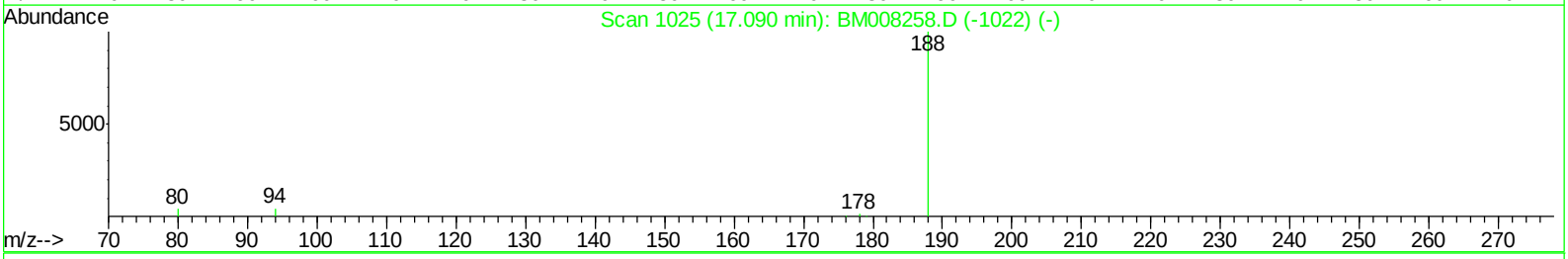

TIC: BM008261.D

(10) Phenanthrene-d10 (I)

17.073min (-0.017) 0.40ng/ul m

response 1744

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	55.48#
80.00	11.80	55.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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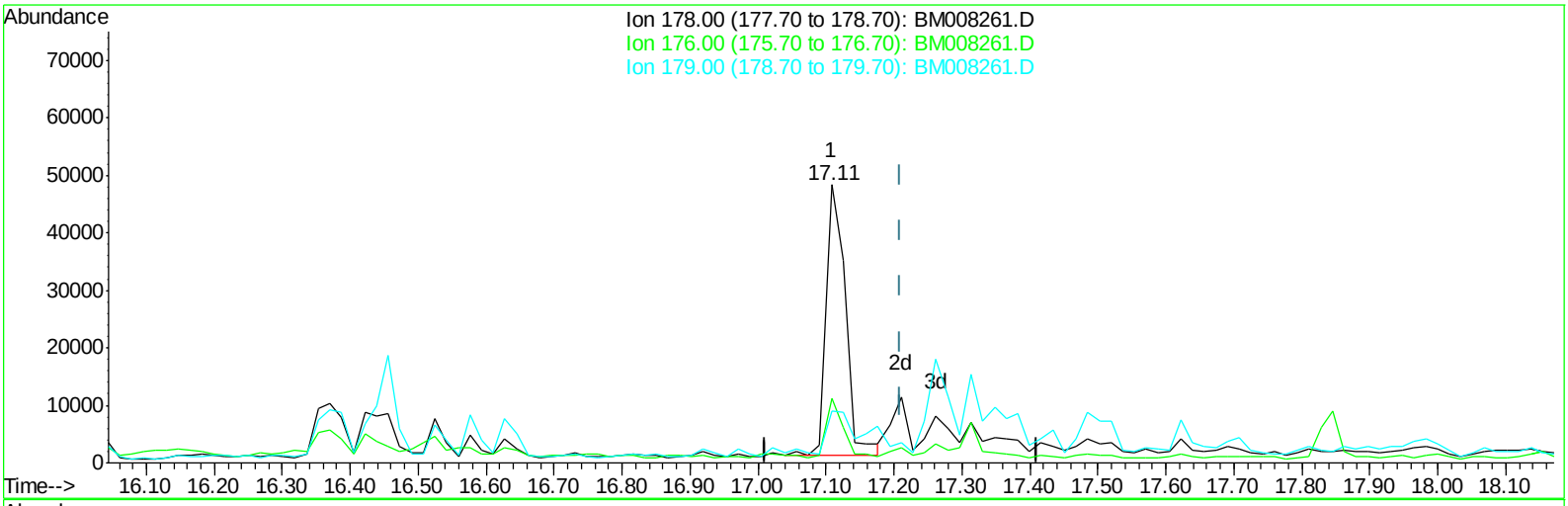

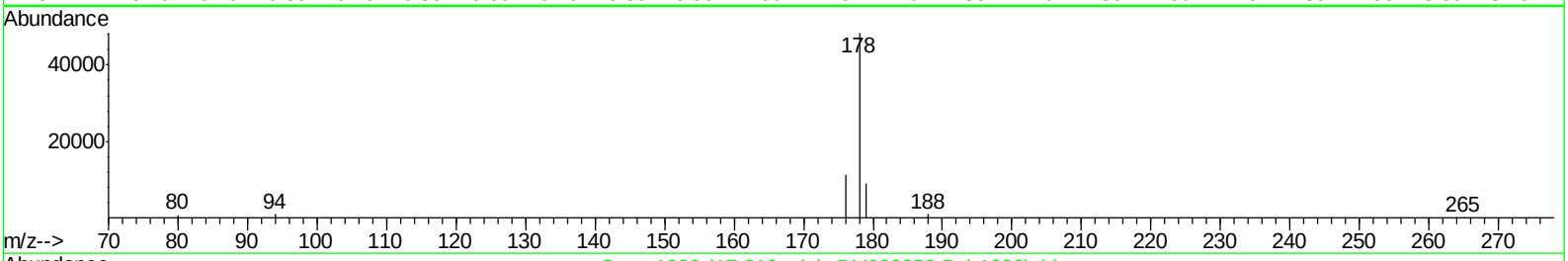

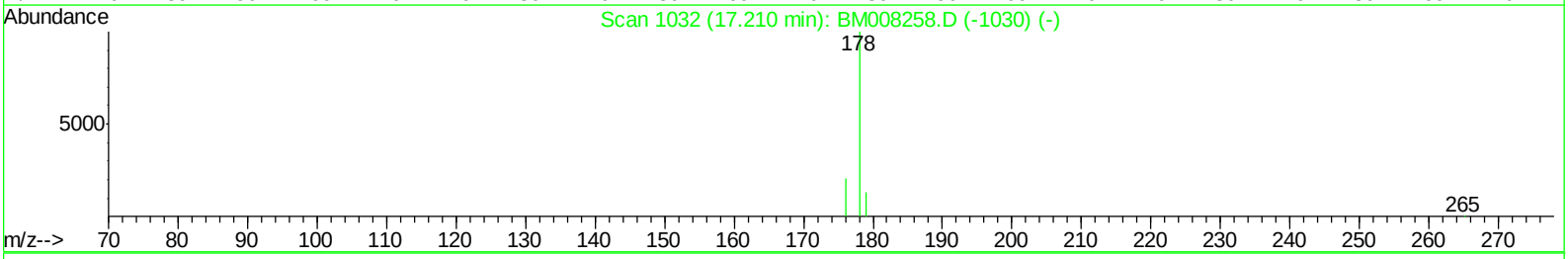

TIC: BM008261.D

(13) Anthracene

17.108min (-0.103) 18.11ng/ul

response 92362

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	23.36
179.00	18.40	18.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
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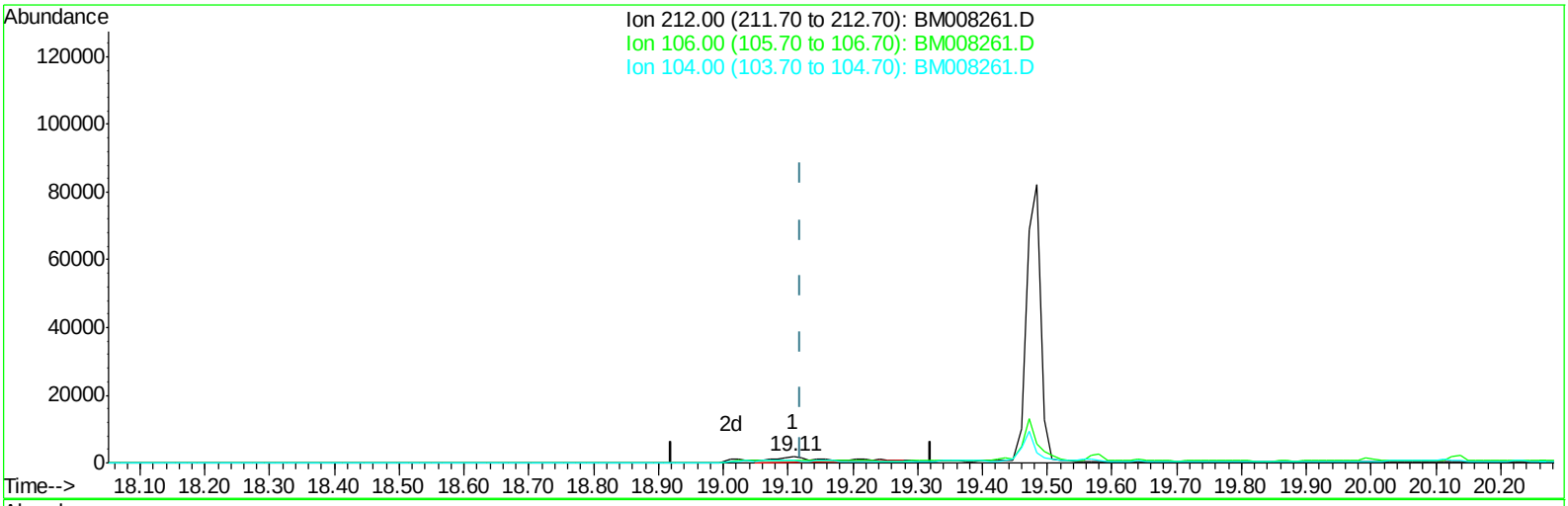
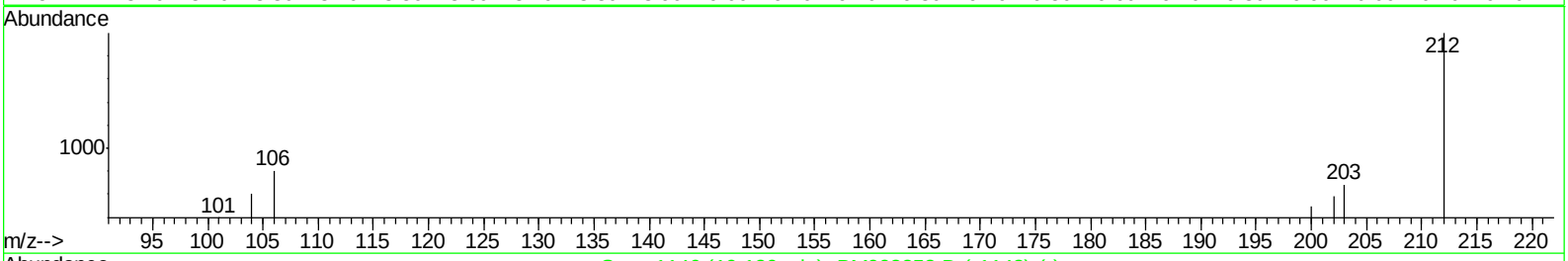
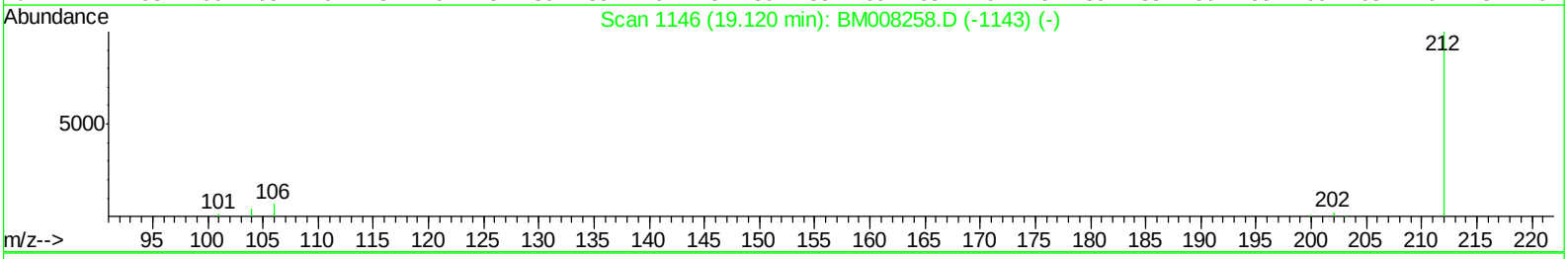
umangi
12/13/2016 6:12:48 PM







TIC: BM008261.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.012) 1.97ng/ul

response 9733

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

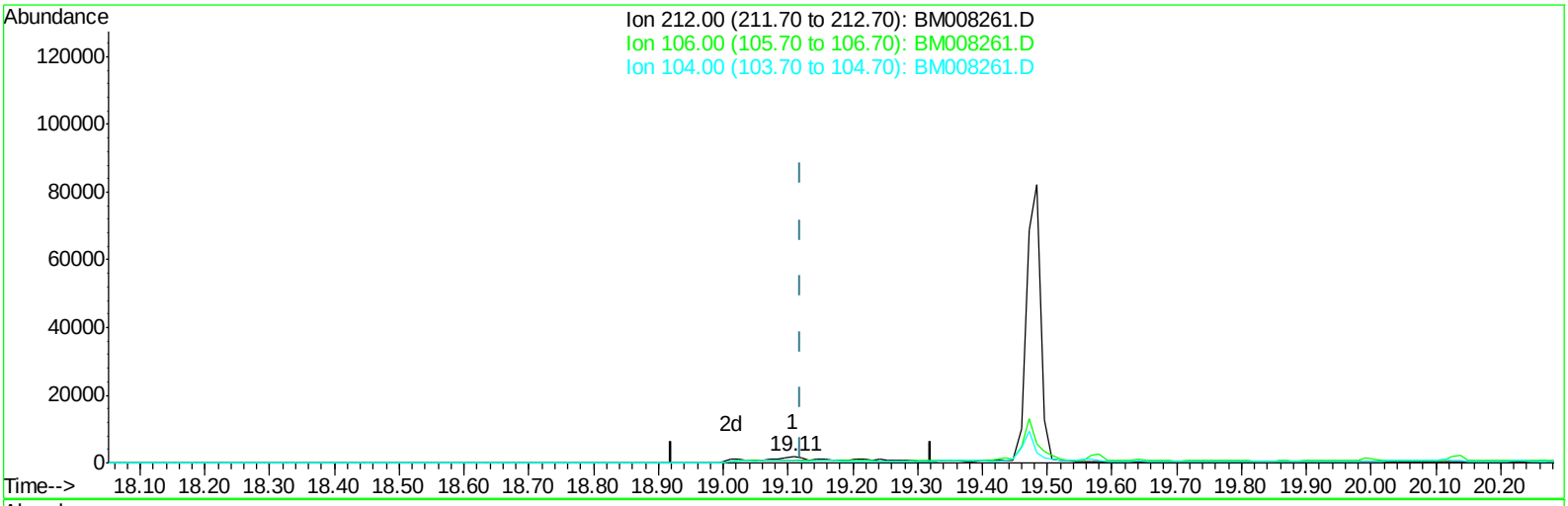
Quantitation Report (Qedit)

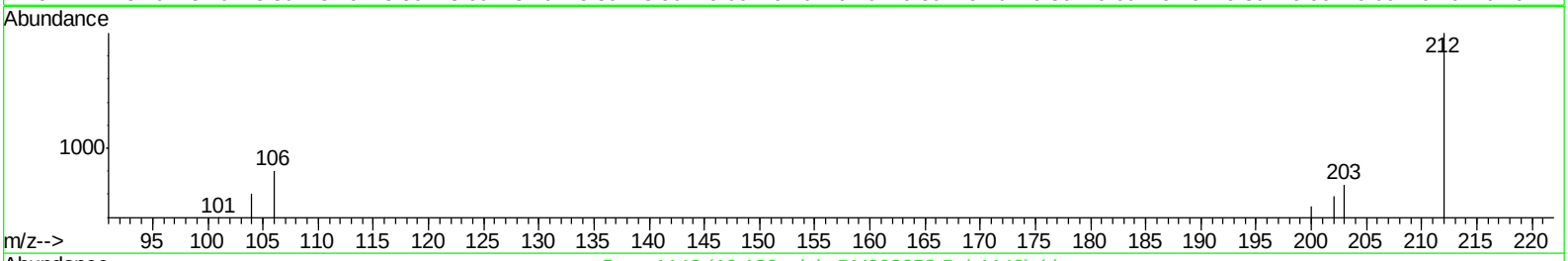
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

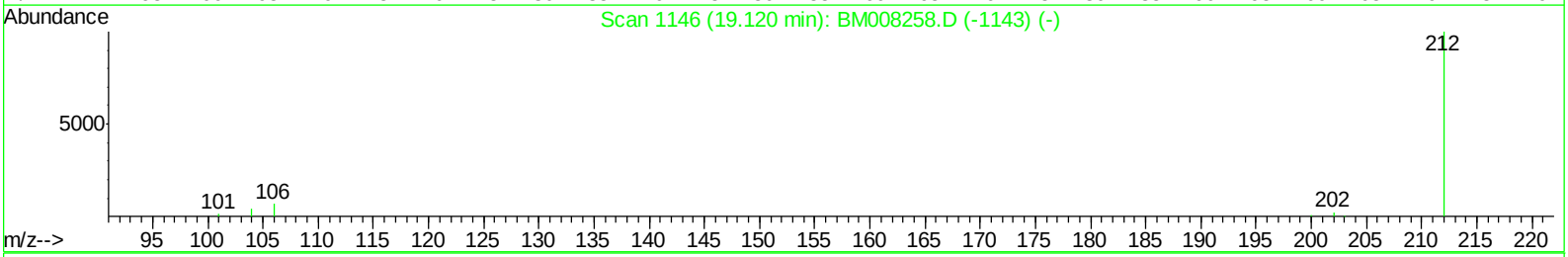
Quant Time: Dec 13 09:41:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA804RE

Manual Integrations APPROVED
umangi
12/13/2016 6:12:48 PM







TIC: BM008261.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.012) 0.50ng/ul m

response 2480

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

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 09:43:44 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

Instrument :
BNA_M
ClientSampleId :
DA804RE

Manual Integrations APPROVED
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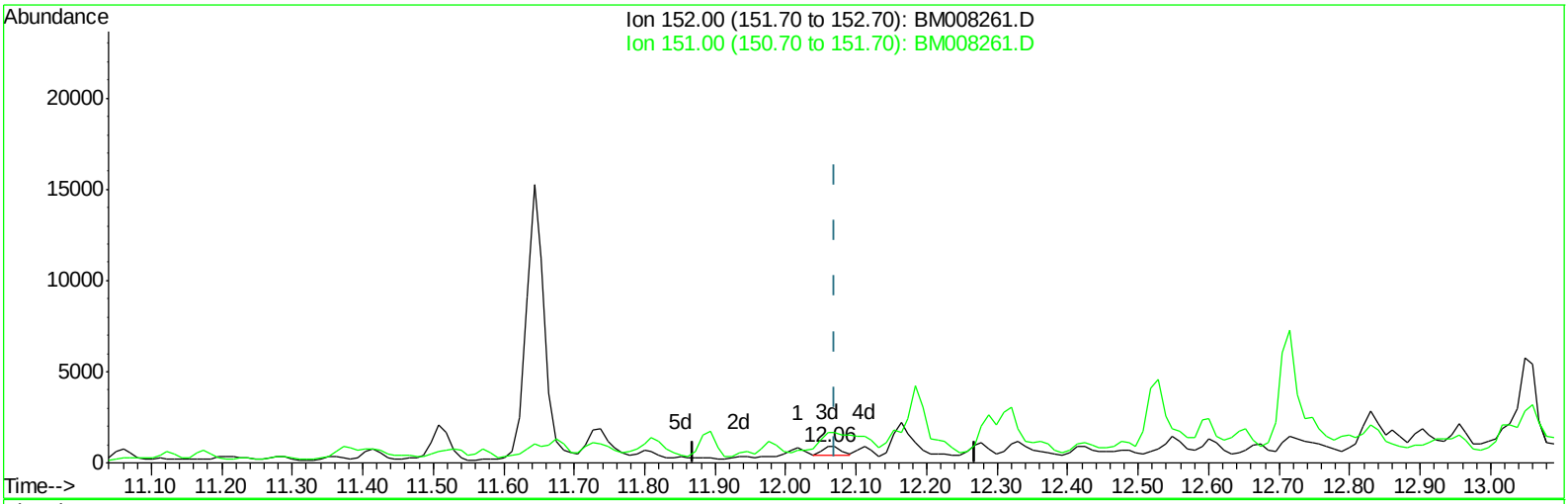

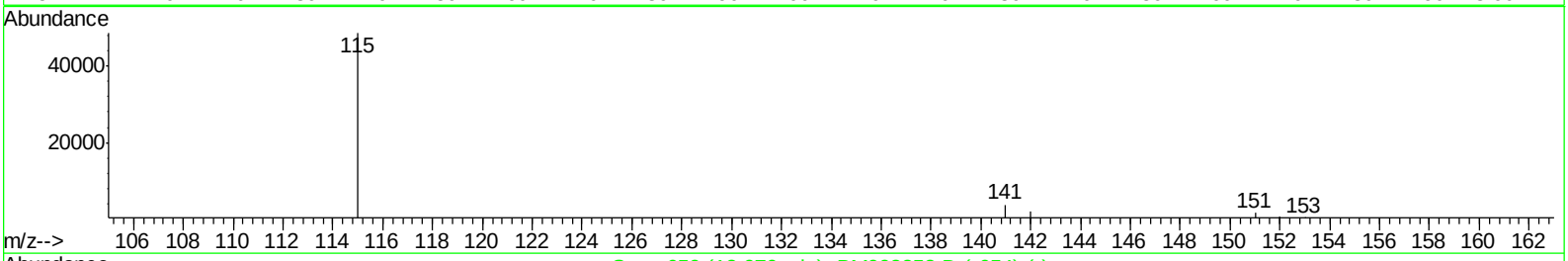

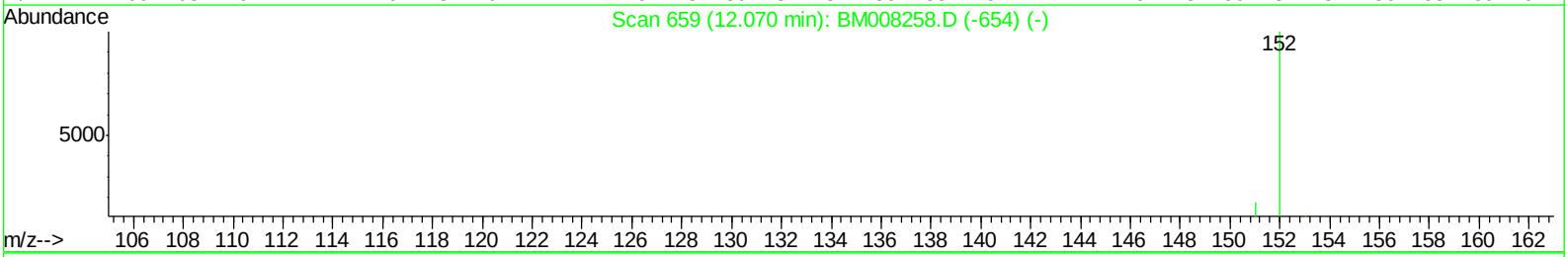

TIC: BM008261.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.059min (-0.010) 0.45ng/ul m

response 821

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA804RE

Manual Integrations APPROVED
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12/13/2016 6:12:48 PM

Quant Time: Dec 13 10:58:15 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	577	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.46	136	1302m	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	5815m	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1744m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1141	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	841	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	821m	0.45	ng/ul	-0.01
14) Fluoranthene-d10	19.11	212	2480m	0.50	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.51	128	1317399	361.82	ng/ul#	94
5) 2-Methylnaphthalene	12.14	142	2066150	880.32	ng/ul	99
7) Acenaphthylene	14.04	152	39998m	1.52	ng/ul	
8) Acenaphthene	14.38	153	85595	4.27	ng/ul	88
9) Fluorene	15.39	166	191700	8.33	ng/ul	98
12) Phenanthrene	17.11	178	95507	17.58	ng/ul	98
13) Anthracene	17.21	178	17254m	3.38	ng/ul	
15) Fluoranthene	19.14	202	13401	1.91	ng/ul	89
17) Pyrene	19.51	202	13563	3.42	ng/ul#	85
18) Benzo(a)anthracene	21.25	228	1731	0.49	ng/ul#	42
19) Chrysene	21.30	228	1969	0.45	ng/ul#	45

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121216\
Data File : BM008261.D
Acq On : 12 Dec 2016 13:43
Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA804RE

Manual Integrations APPROVED
umangi
12/13/2016 6:12:48 PM

Quant Time: Dec 13 10:58:15 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