

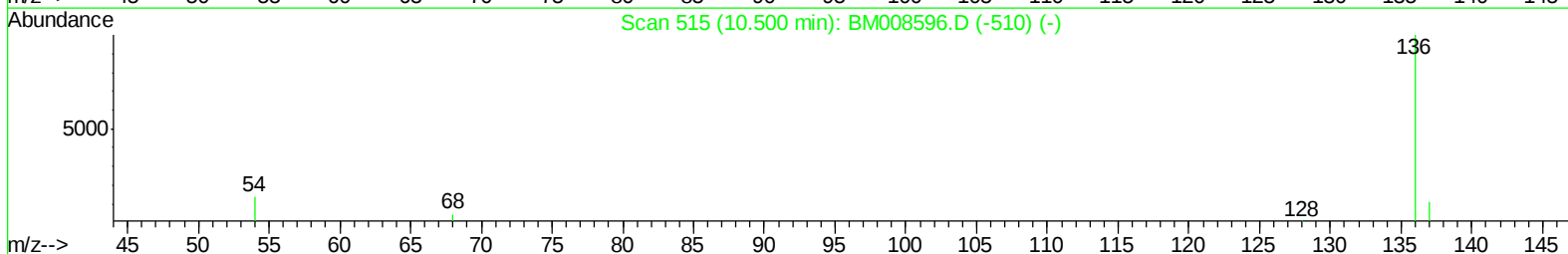
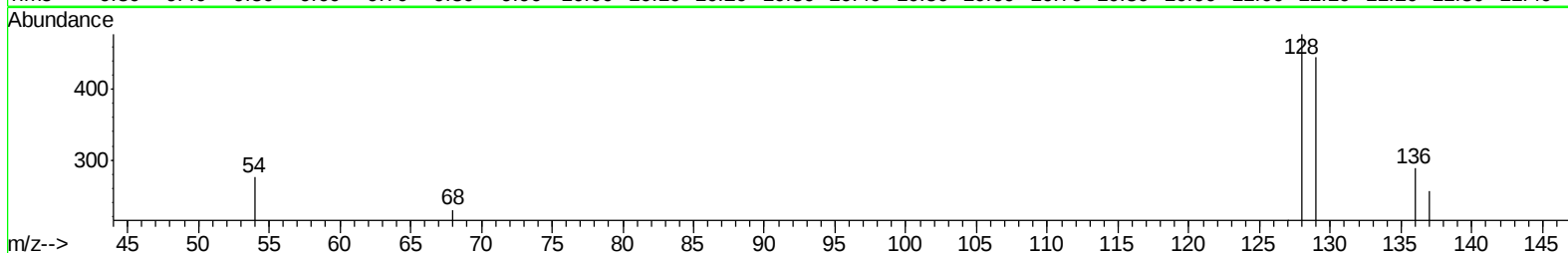
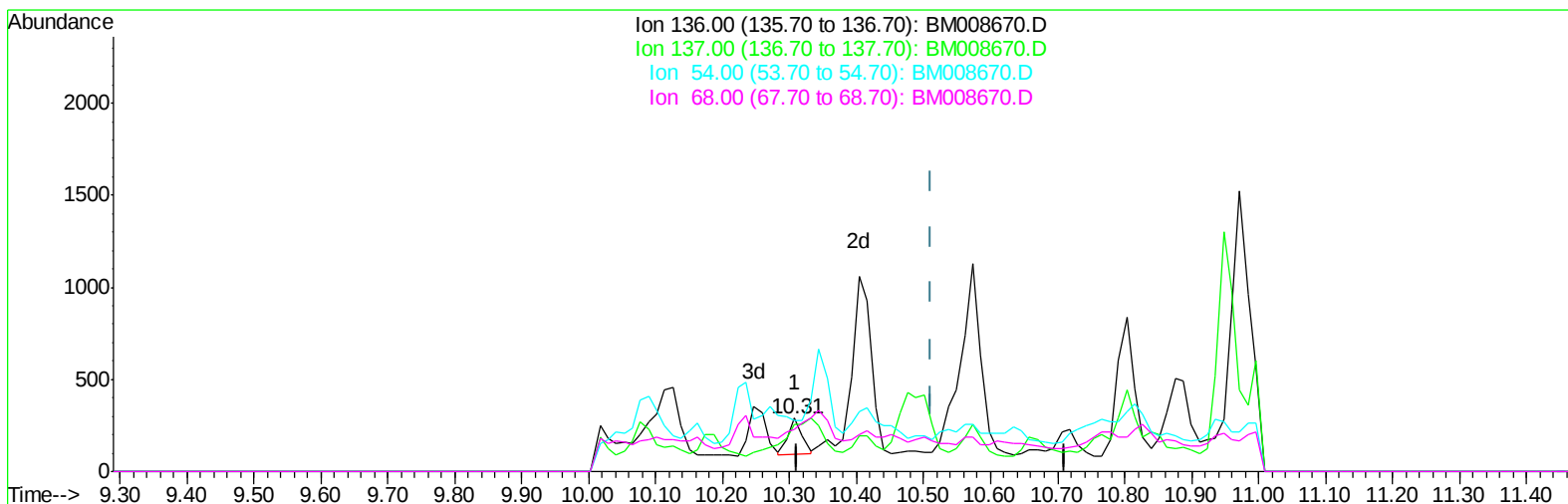
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:44:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(2) Naphthalene-d8 (I)

10.307min (-0.205) 0.40ng/ul

response 280

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	89.24#
54.00	15.50	95.83#
68.00	9.90	79.86#

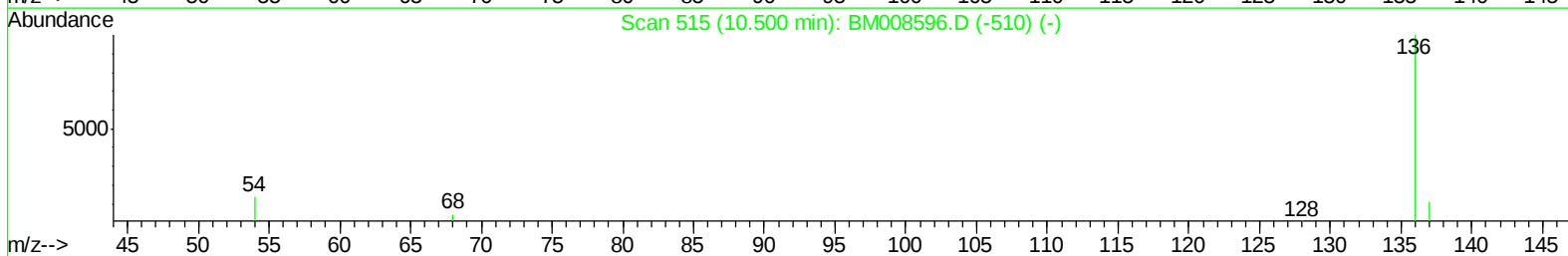
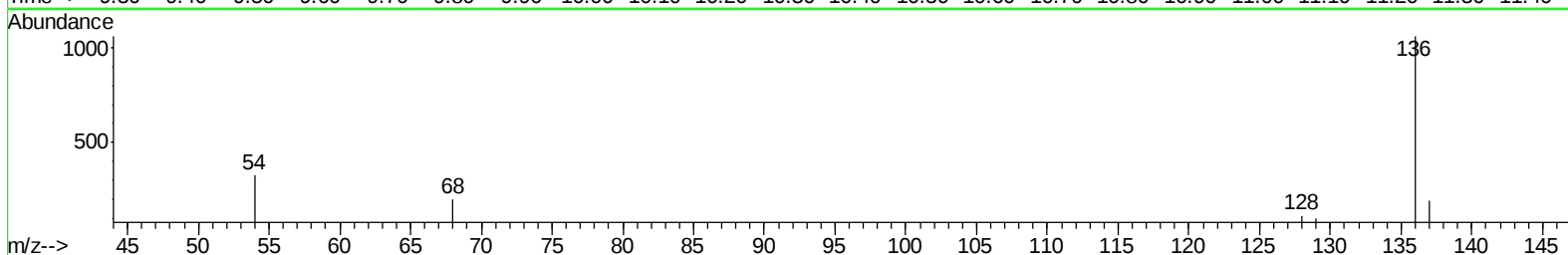
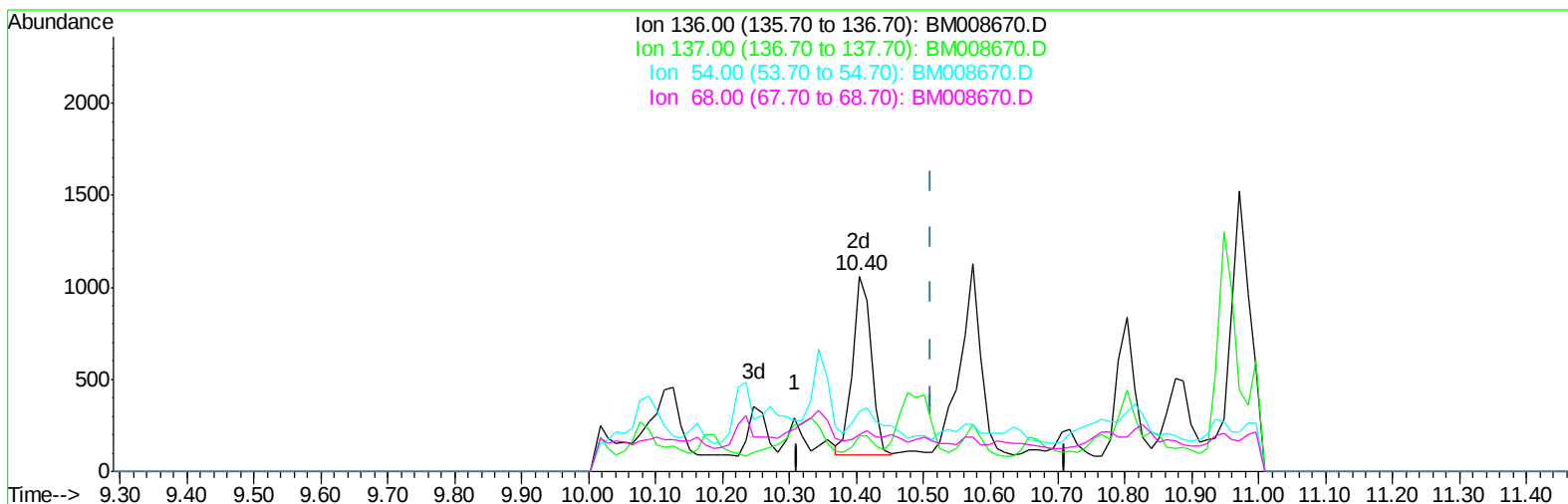
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:44:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(2) Naphthalene-d8 (I)

10.404min (-0.108) 0.40ng/ul m

response 1877

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	18.02#
54.00	15.50	31.04#
68.00	9.90	18.87#

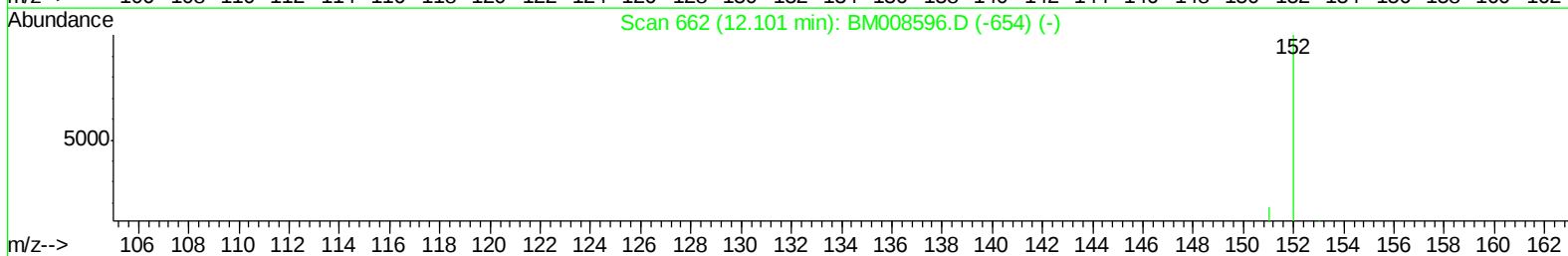
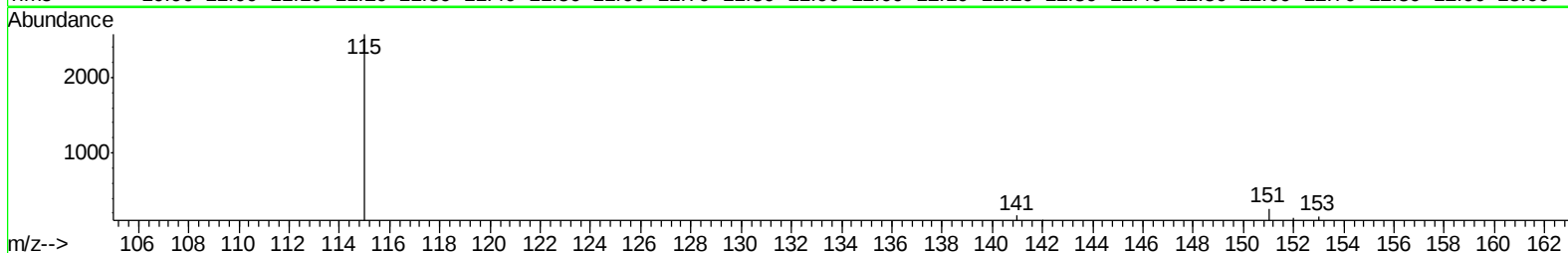
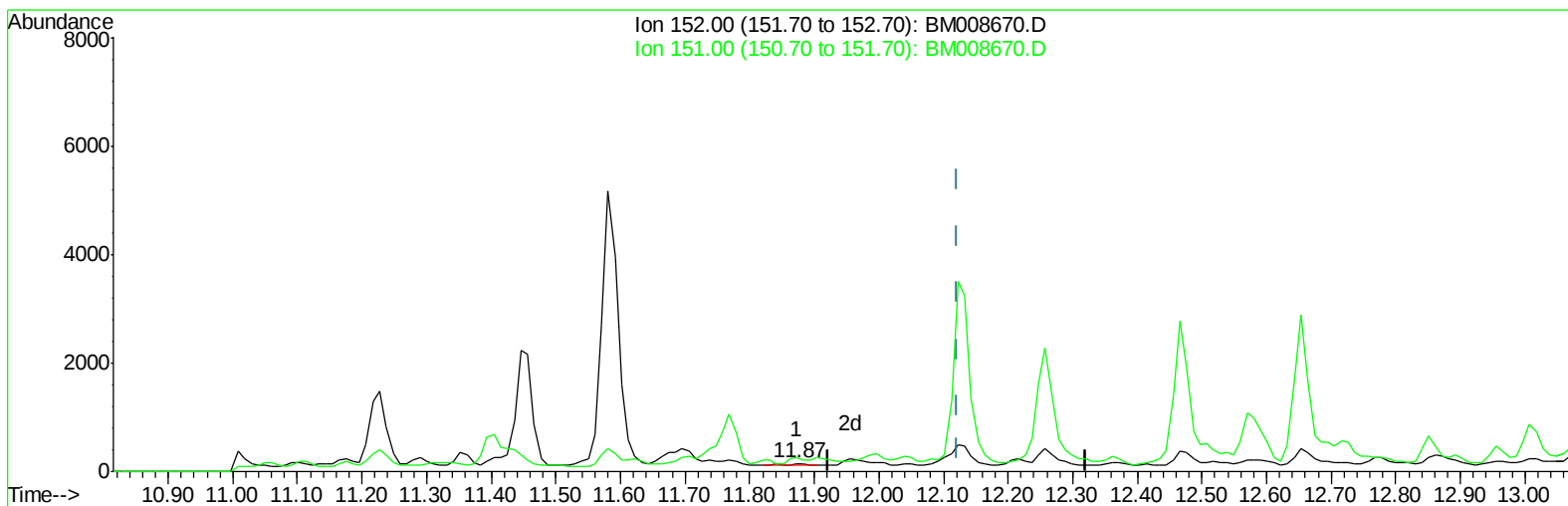
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:45:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(4) 2-Methylnaphthalene-d10 (SURR)

11.872min (-0.249) 0.03ng/ul

response 87

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	243.68#
0.00	0.00	0.00
0.00	0.00	0.00

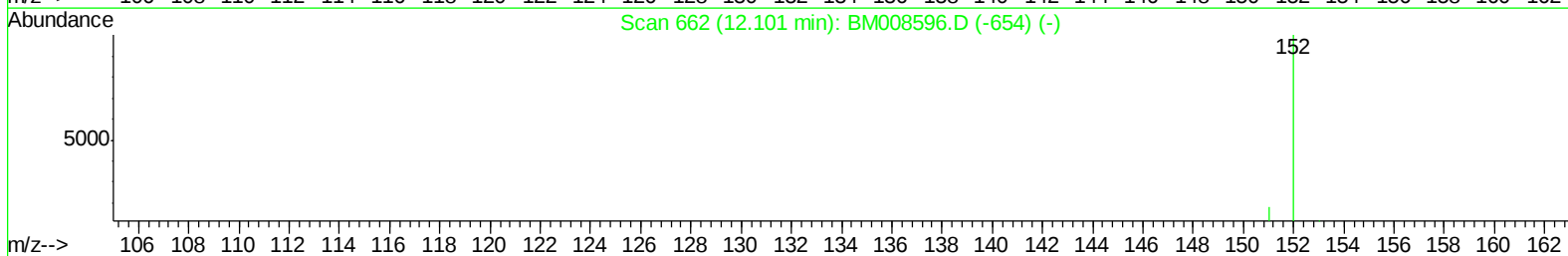
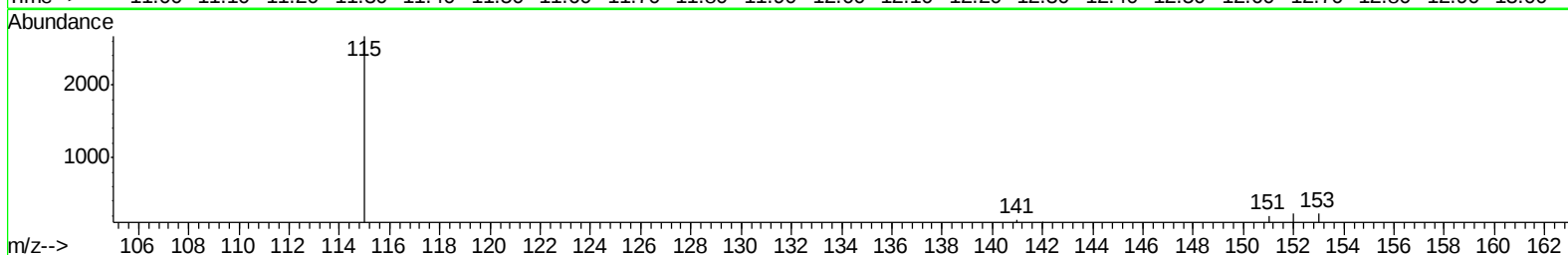
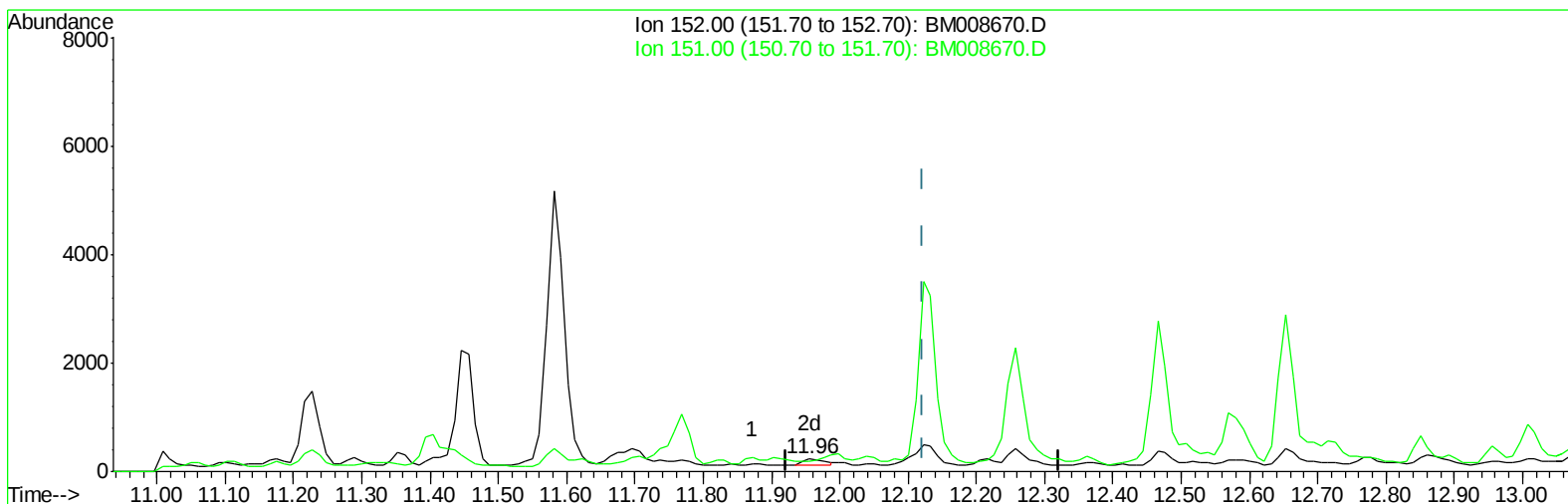
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:45:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(4) 2-Methylnaphthalene-d10 (SURR)

11.956min (-0.166) 0.09ng/ul m

response 266

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	79.70#
0.00	0.00	0.00
0.00	0.00	0.00

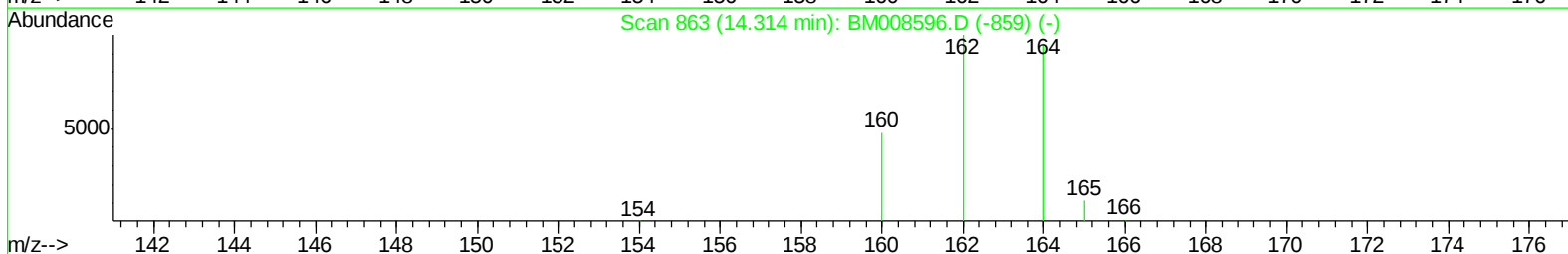
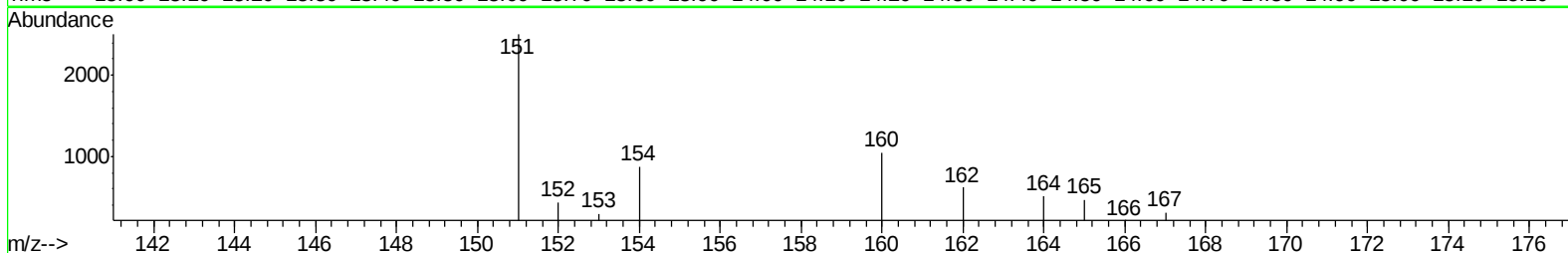
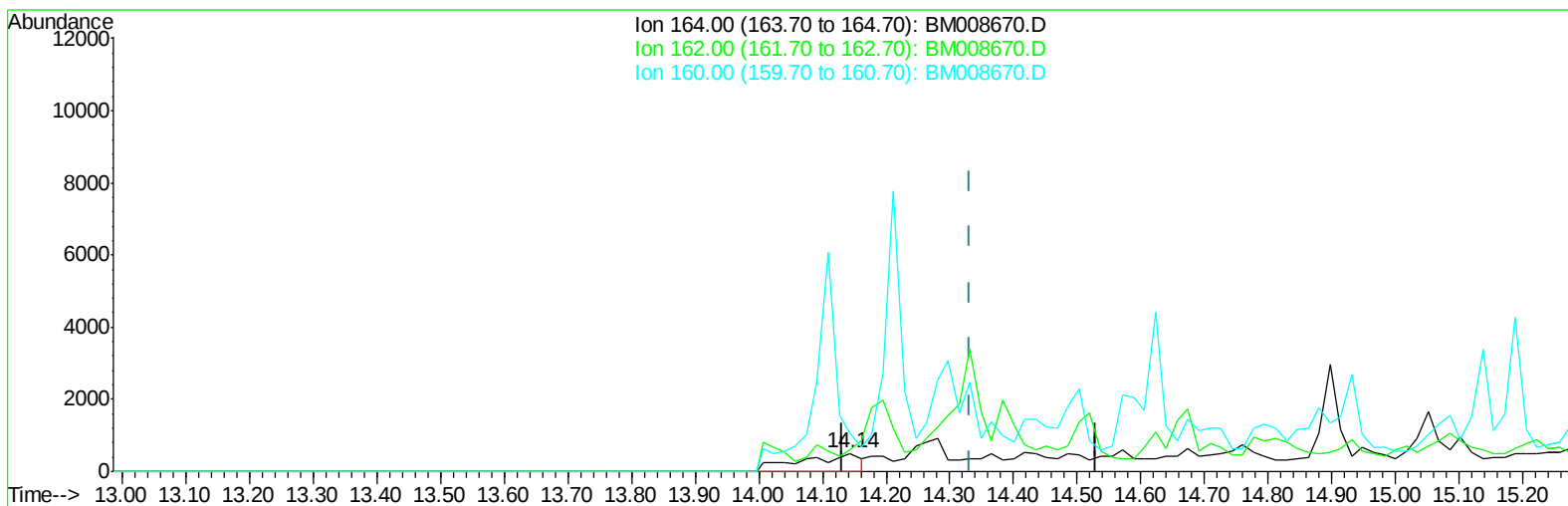
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:45:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(6) Acenaphthene-d10 (I)
14.143min (-0.188) 0.40ng/ul
response 3101

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	120.27#
160.00	48.80	205.07#
0.00	0.00	0.00

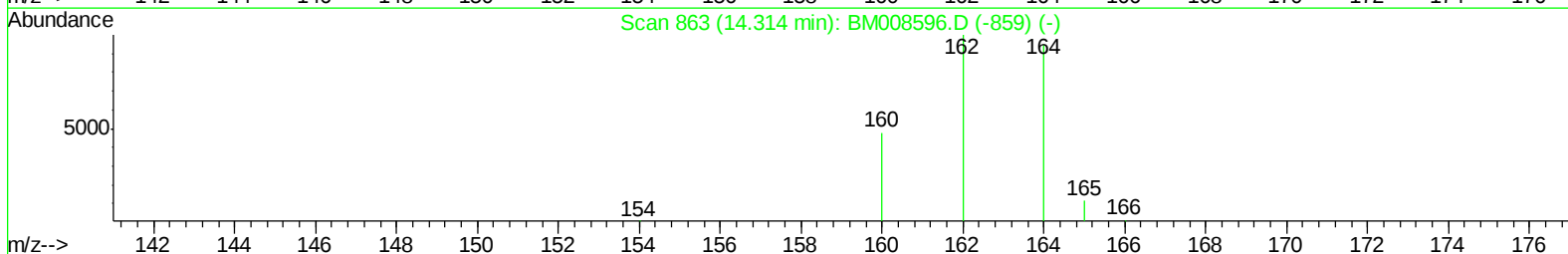
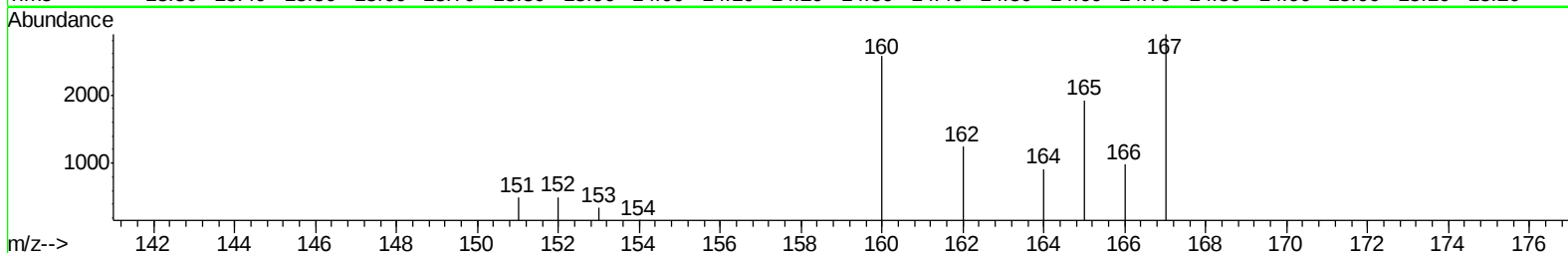
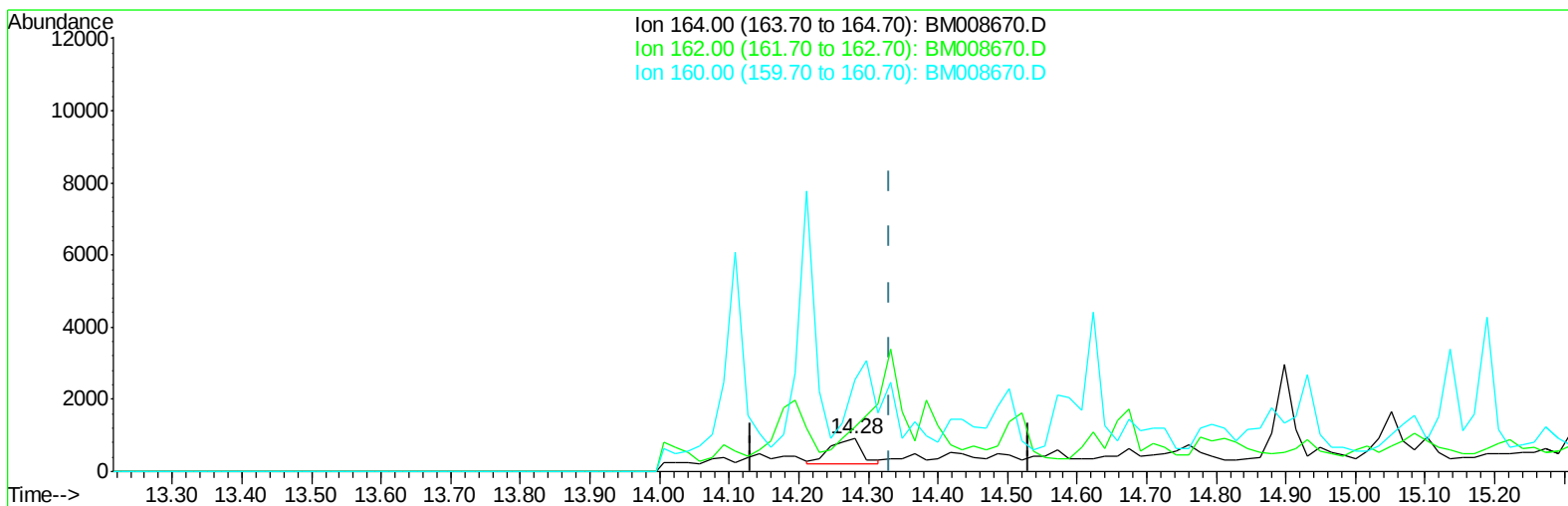
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:45:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(6) Acenaphthene-d10 (I)

14.280min (-0.051) 0.40ng/ul m

response 2234

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	135.29#
160.00	48.80	279.08#
0.00	0.00	0.00

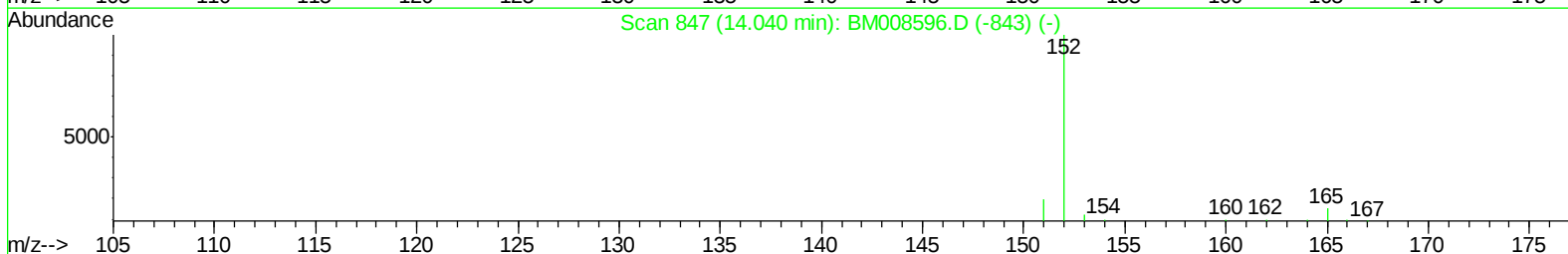
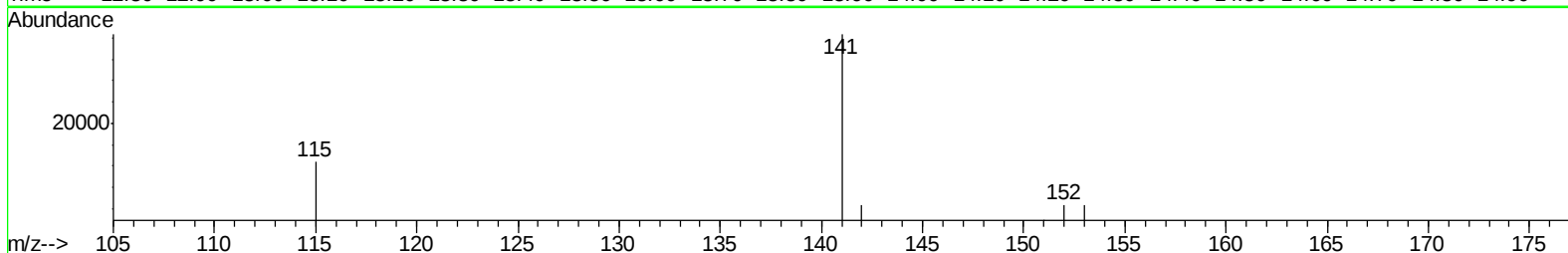
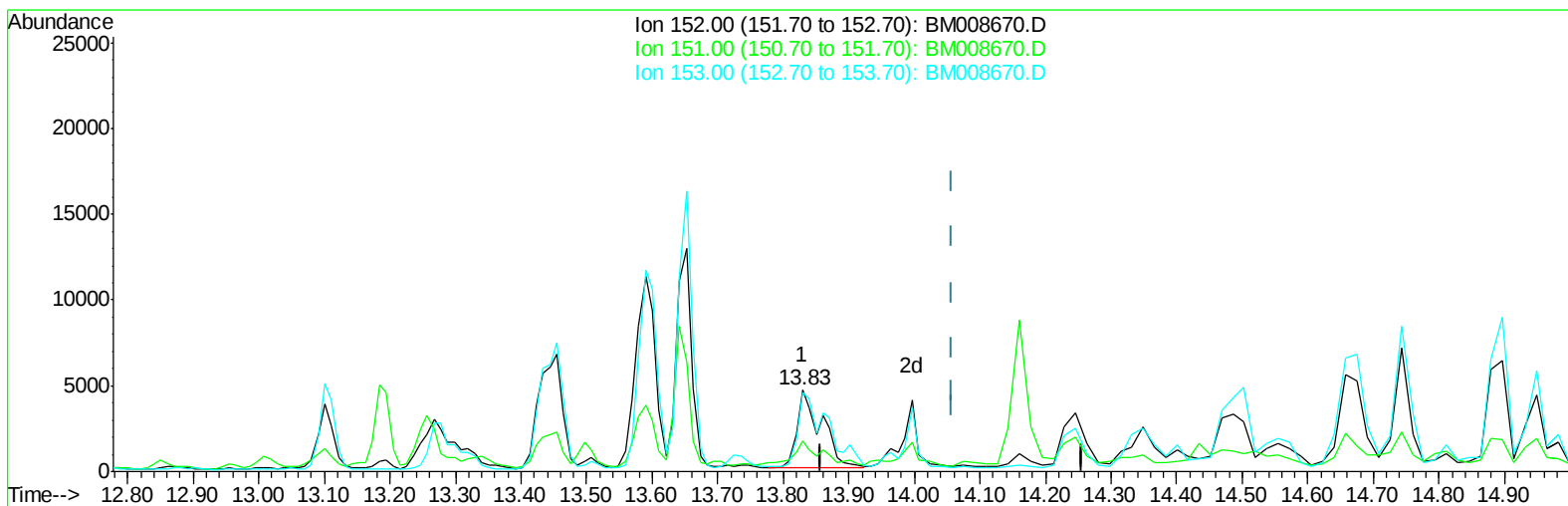
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:46:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(7) Acenaphthylene

13.829min (-0.228) 1.16ng/ul

response 11736

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	37.53#
153.00	16.00	97.22#
0.00	0.00	0.00

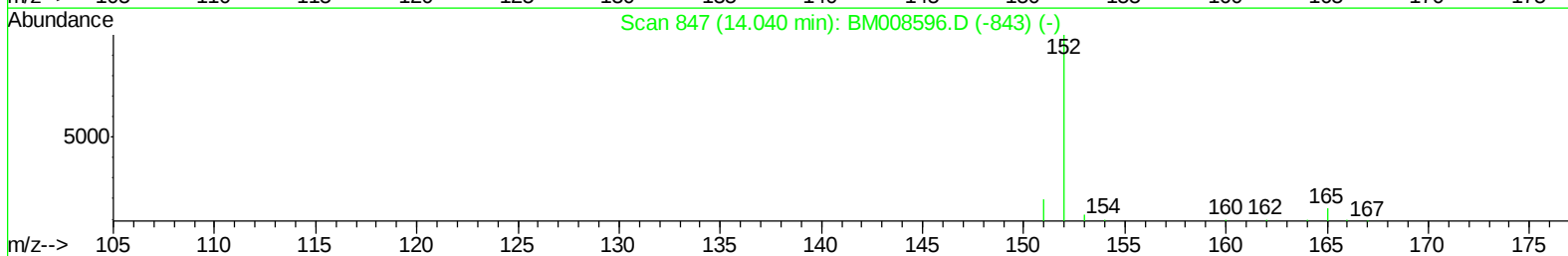
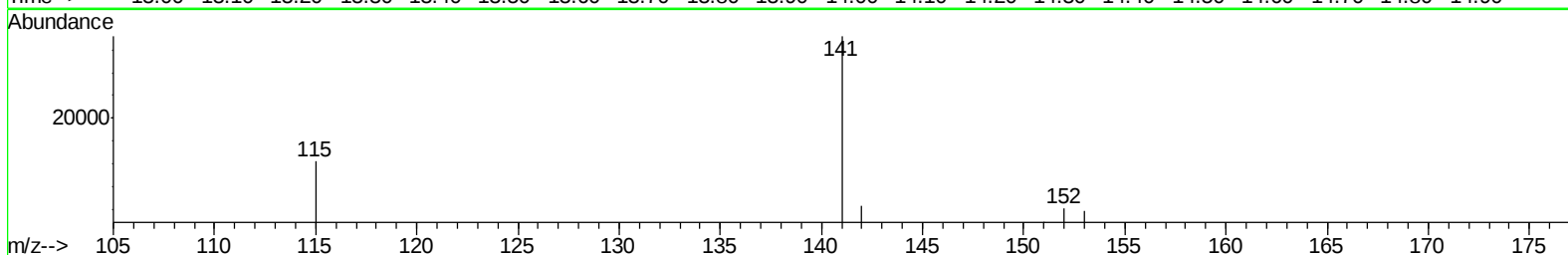
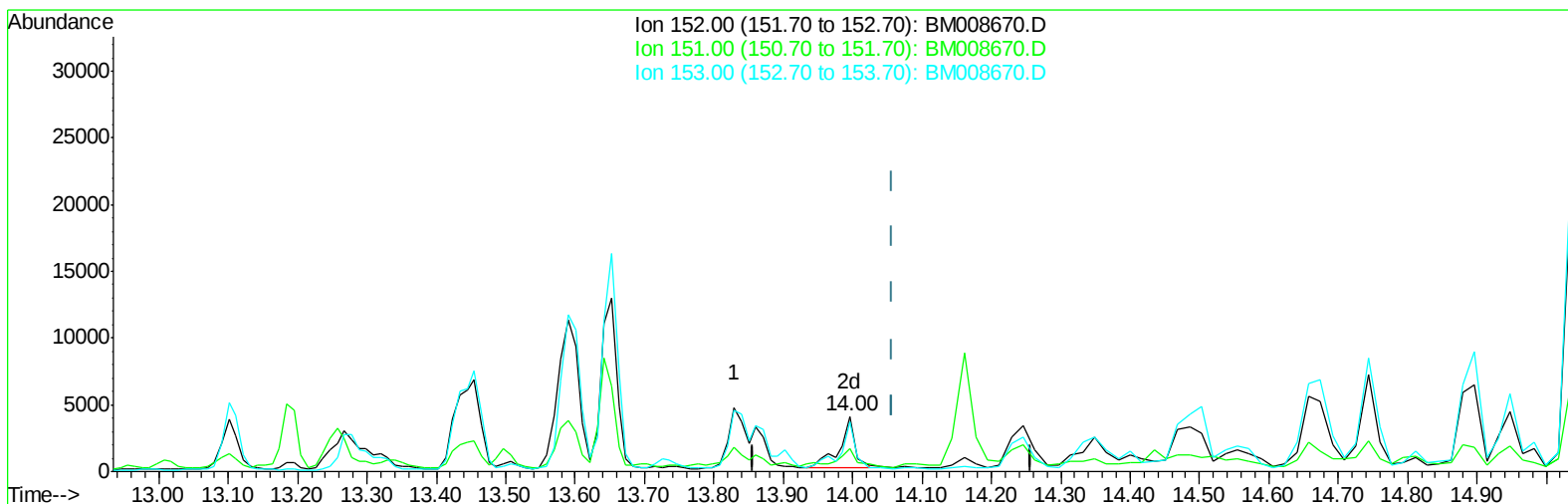
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:46:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(7) Acenaphthylene

13.996min (-0.061) 0.61ng/ul m

response 6160

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	41.10#
153.00	16.00	89.50#
0.00	0.00	0.00

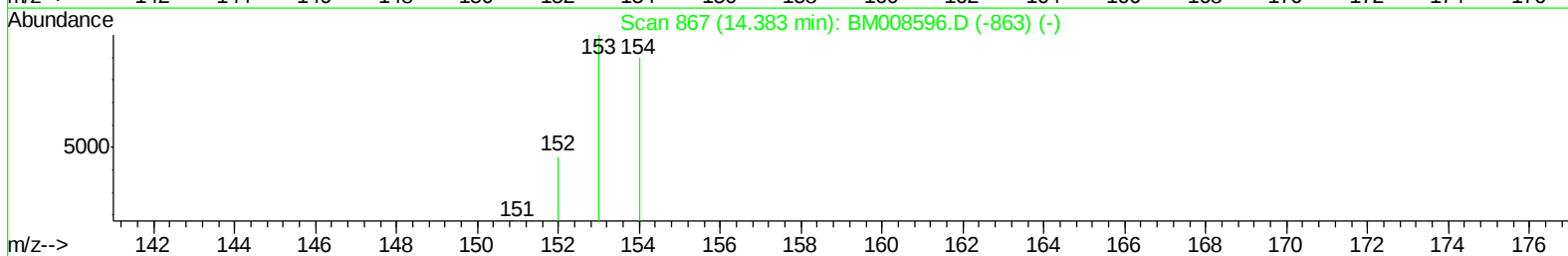
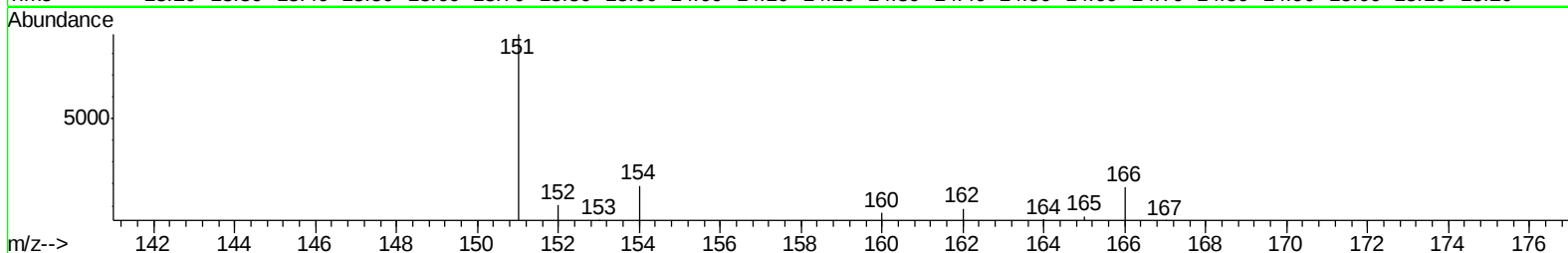
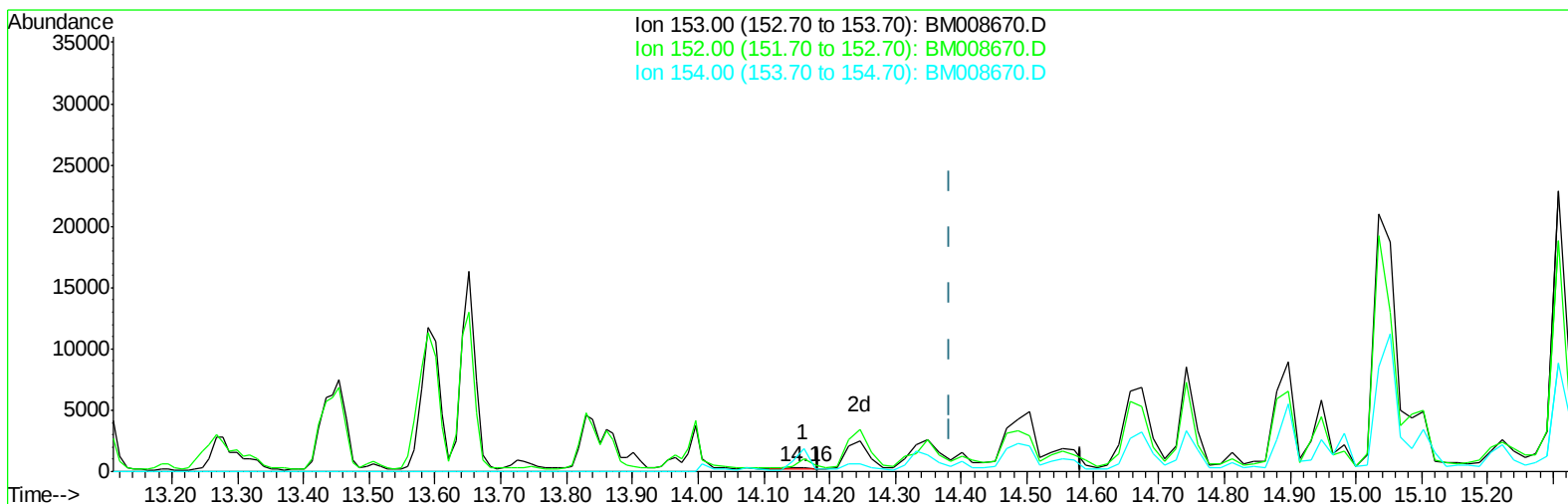
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:46:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(8) Acenaphthene (C)

14.160min (-0.222) 0.05ng/ul

response 346

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	303.43#
154.00	89.30	549.14#
0.00	0.00	0.00

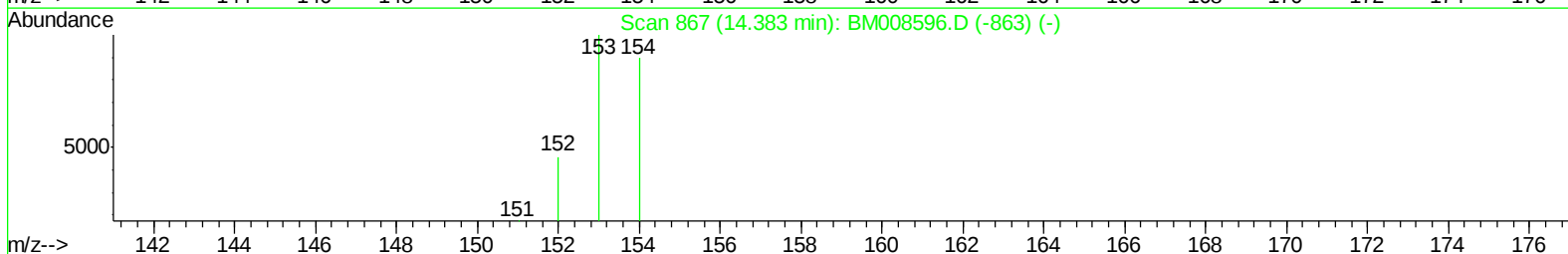
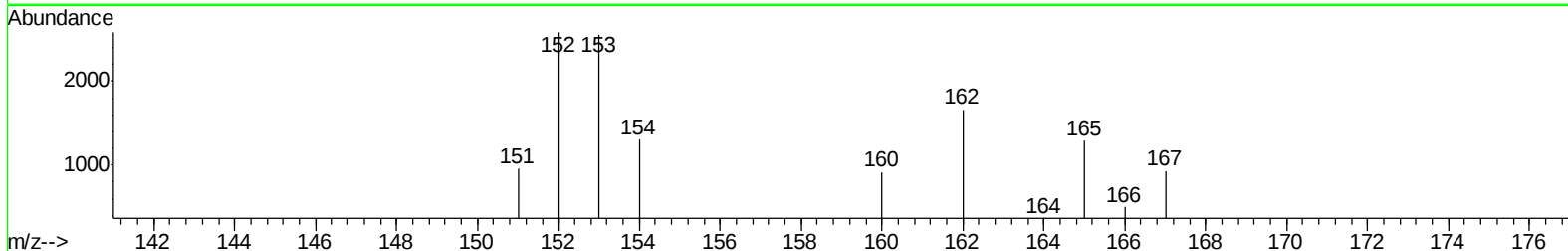
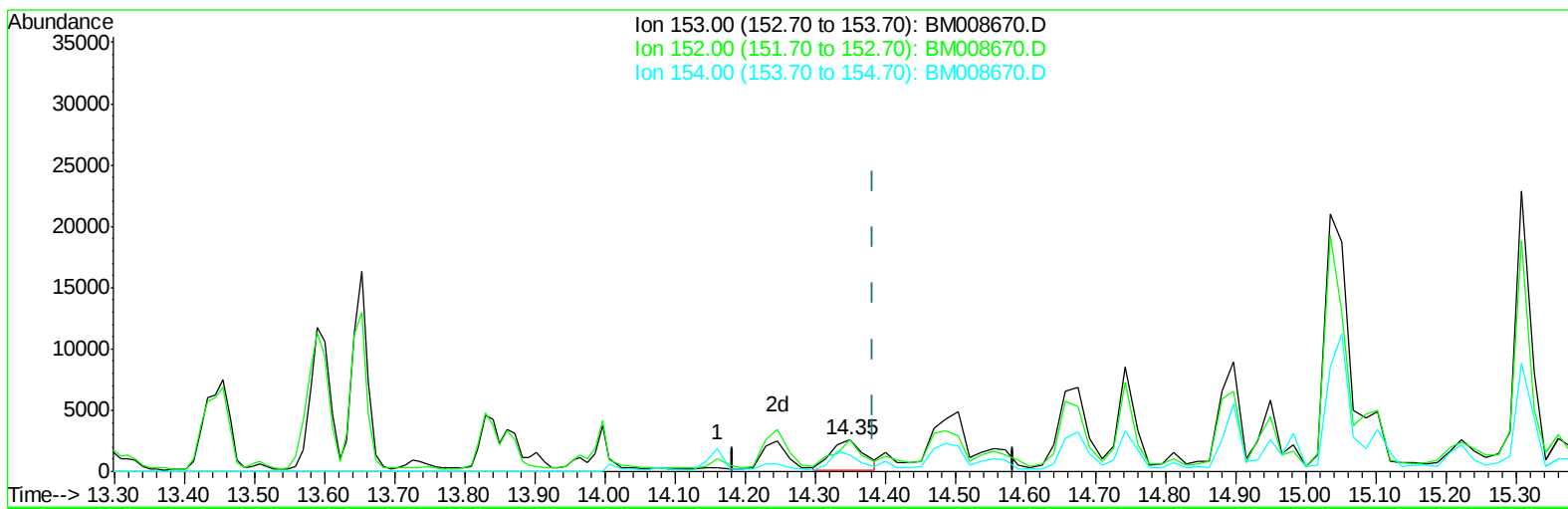
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008670.D
 Acq On : 25 Dec 2016 14:19
 Operator : UM/SJ
 Sample : H5995-09DL 5X
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA874DL

Manual Integrations
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Quant Time: Dec 26 16:46:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration



TIC: BM008670.D

(8) Acenaphthene (C)

14.349min (-0.034) 1.02ng/ul m

response 7774

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	101.21#
154.00	89.30	51.14#
0.00	0.00	0.00

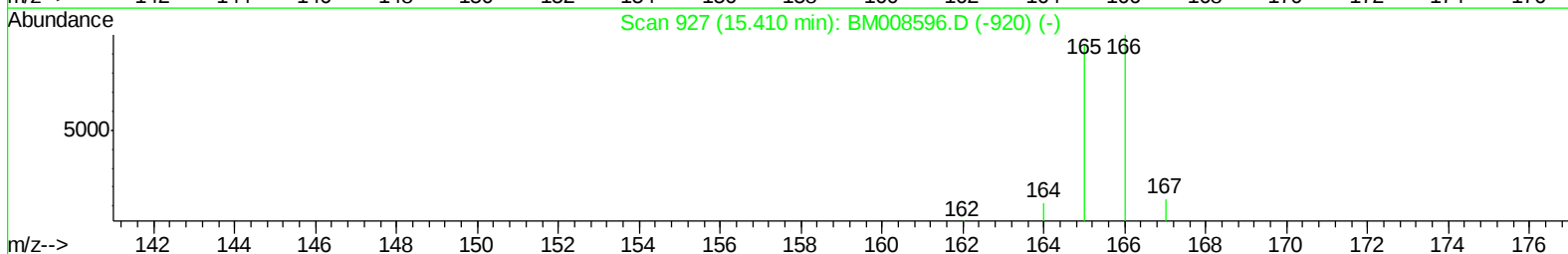
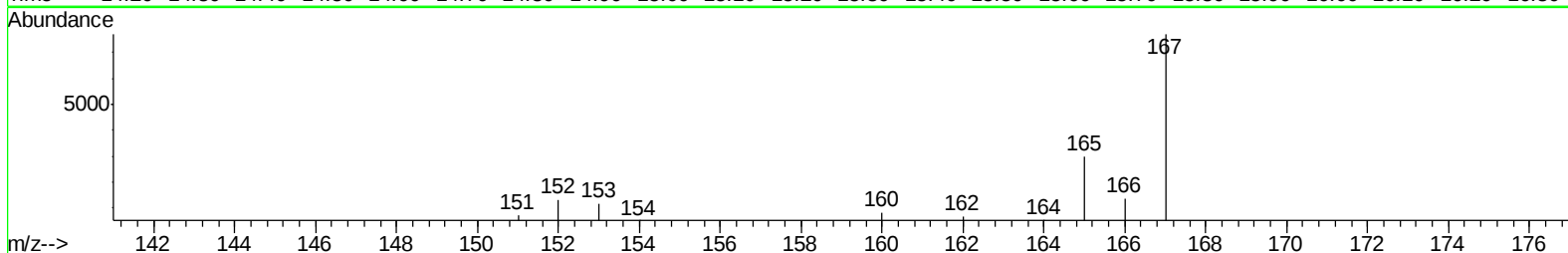
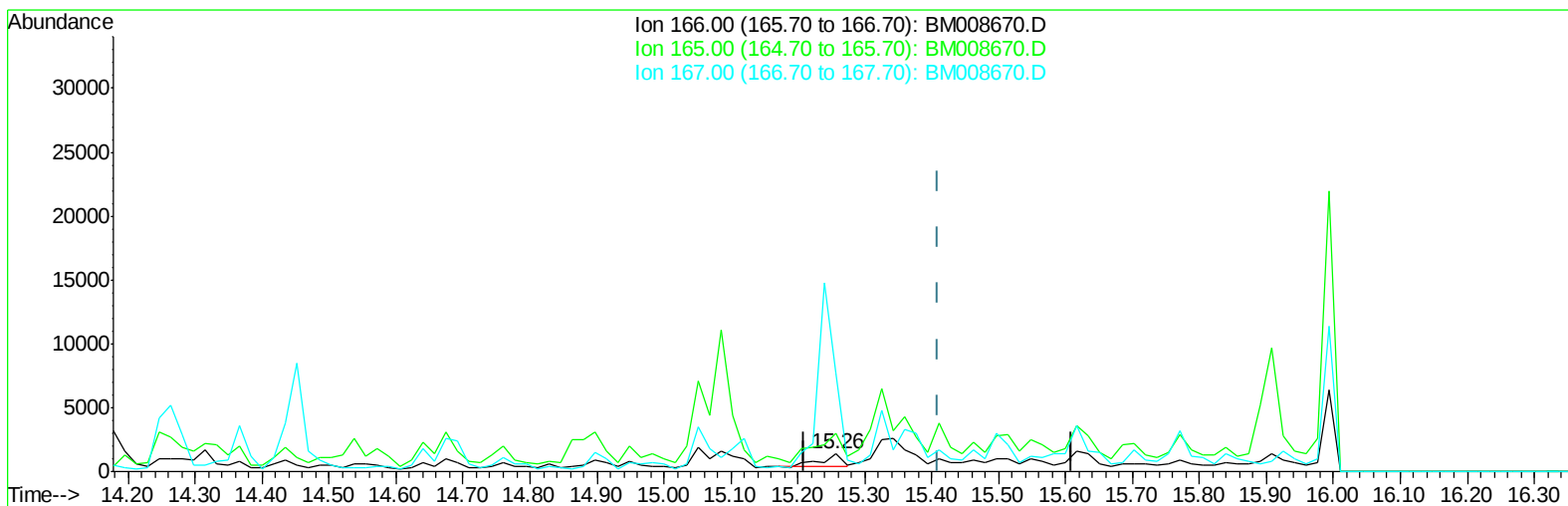
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:46:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008670.D

(9) Fluorene

15.257min (-0.154) 0.26ng/ul

response 2222

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	216.93#
167.00	18.30	557.60#
0.00	0.00	0.00

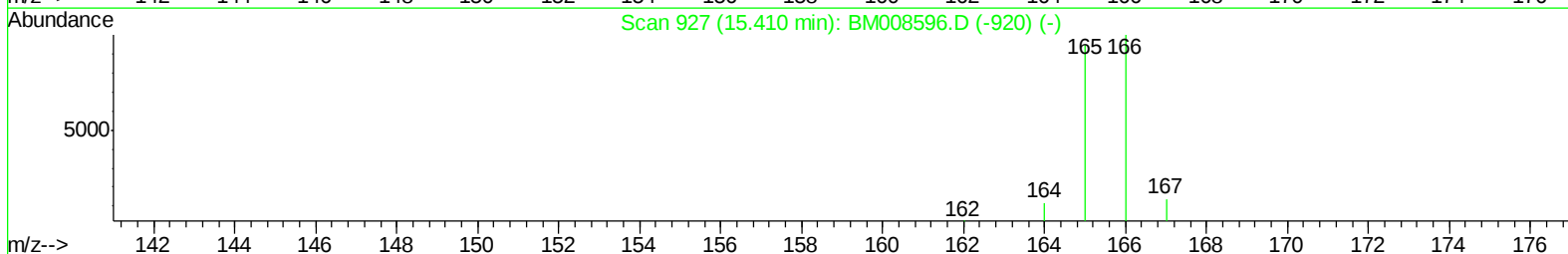
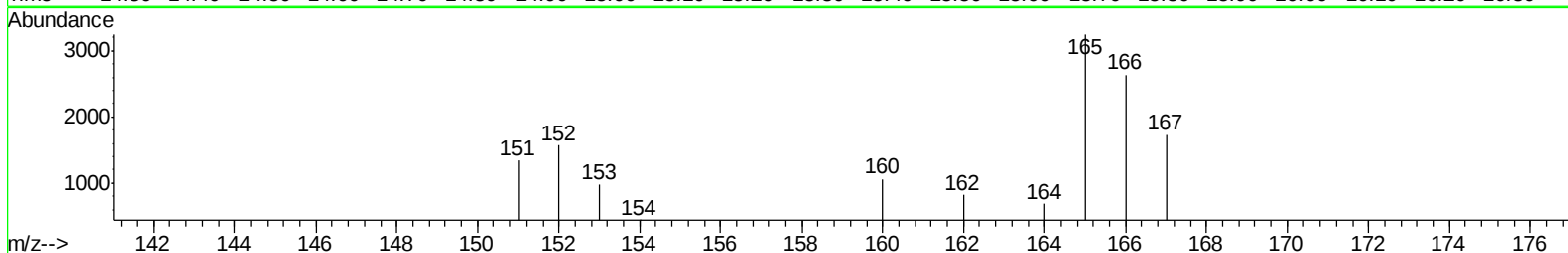
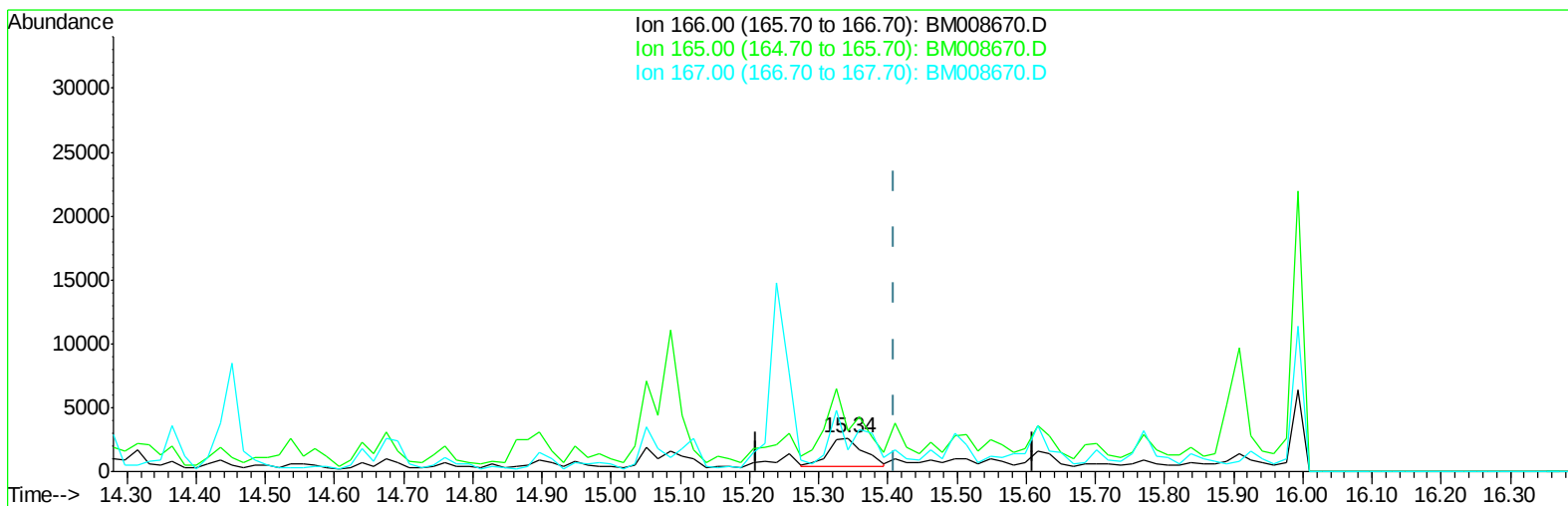
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:46:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Response via : Initial Calibration



TIC: BM008670.D

(9) Fluorene

15.342min (-0.068) 0.91ng/ul m

response 7864

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	122.99#
167.00	18.30	65.30#
0.00	0.00	0.00

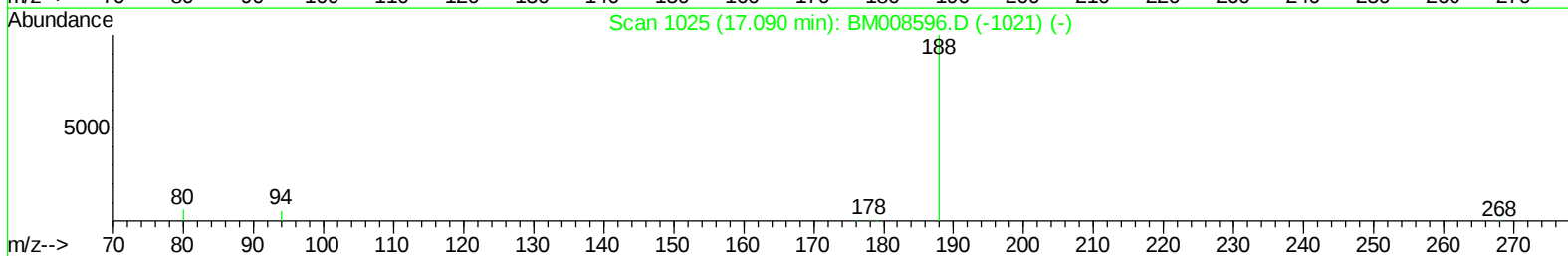
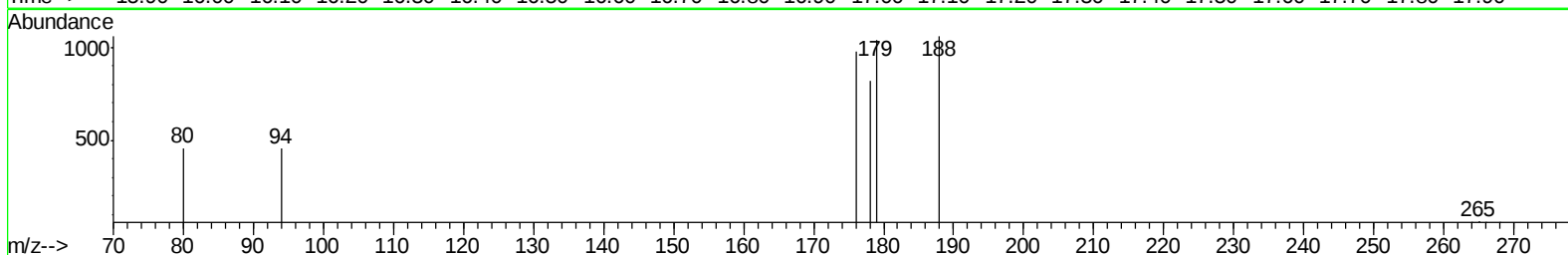
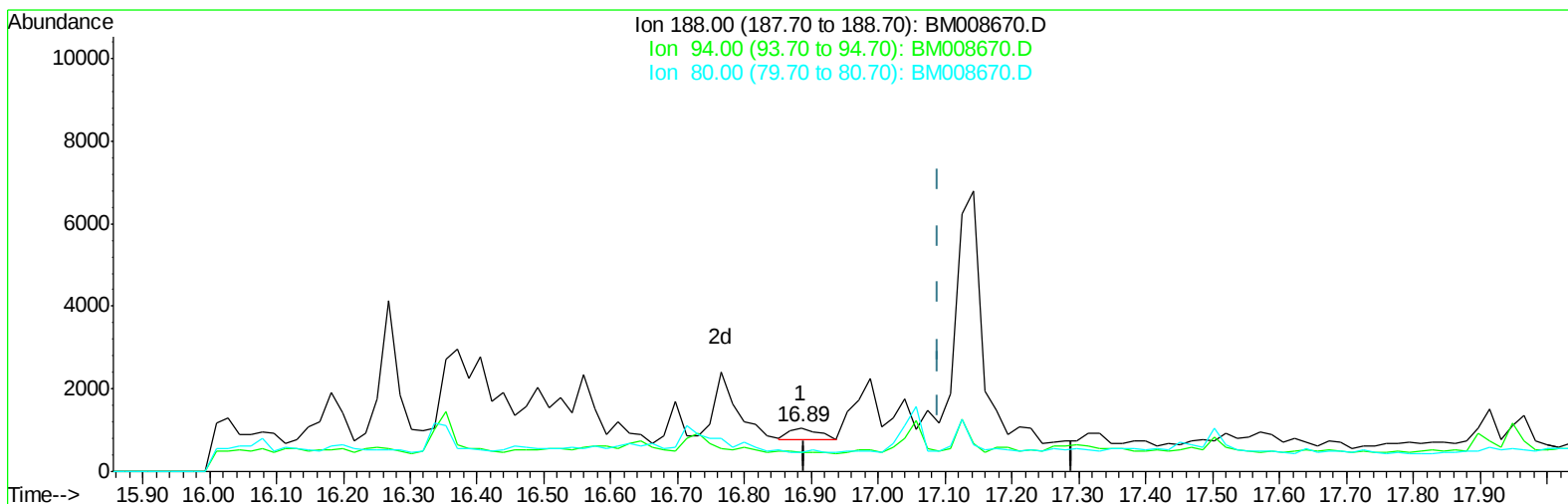
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
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Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Quant Time: Dec 26 16:46:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Response via : Initial Calibration



TIC: BM008670.D

(10) Phenanthrene-d10 (I)

16.885min (-0.205) 0.40ng/ul

response 913

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	42.88#
80.00	11.80	42.98#
0.00	0.00	0.00

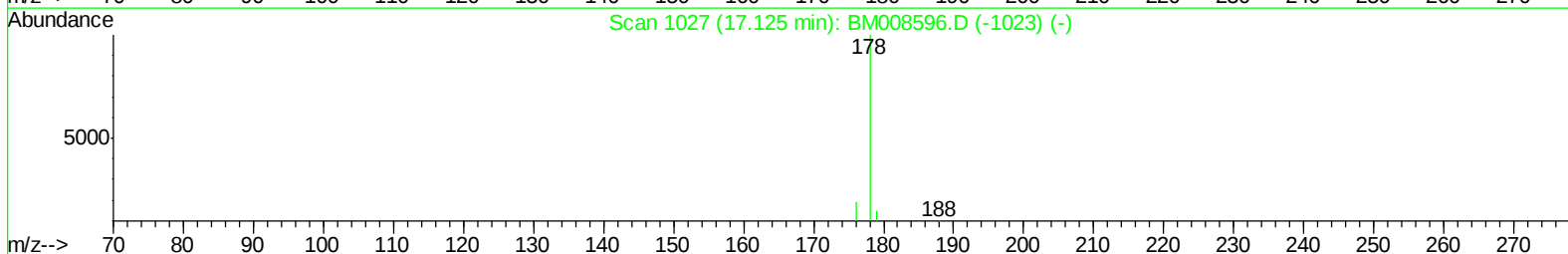
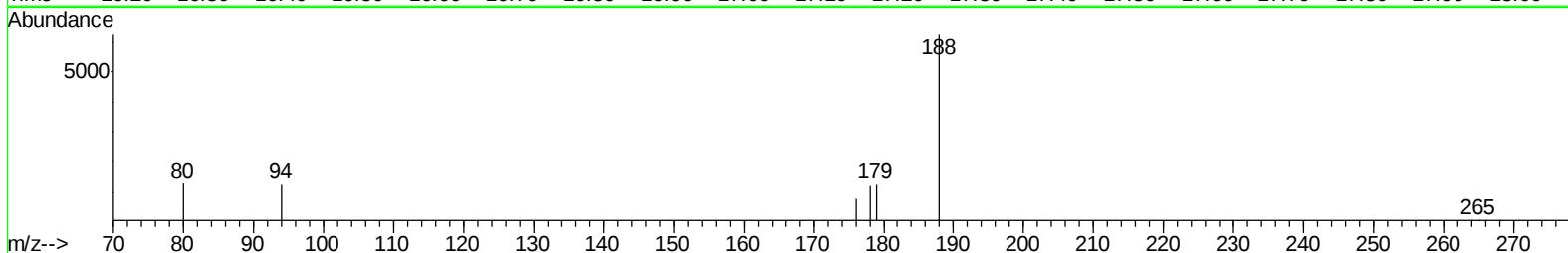
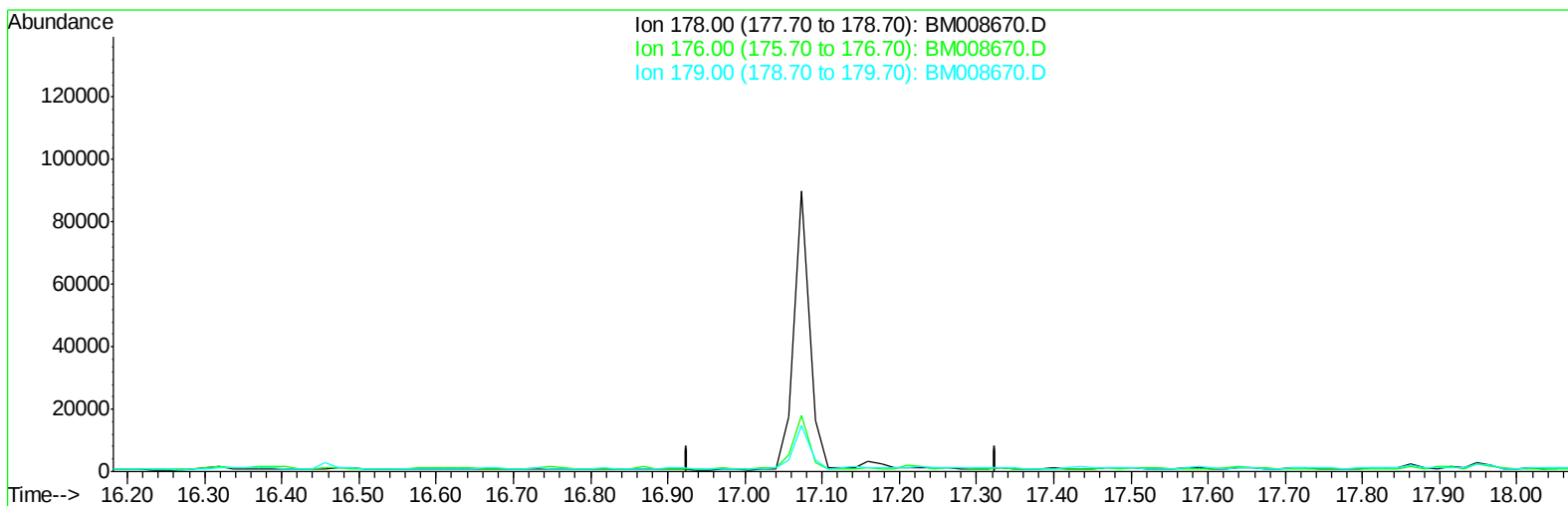
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:48:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(12) Phenanthrene

17.125min (-17.125) 0.00ng/ul

response 0

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

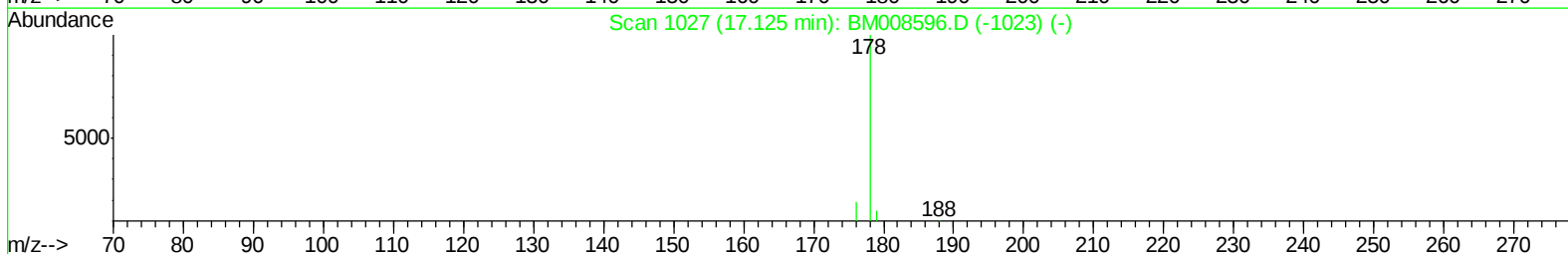
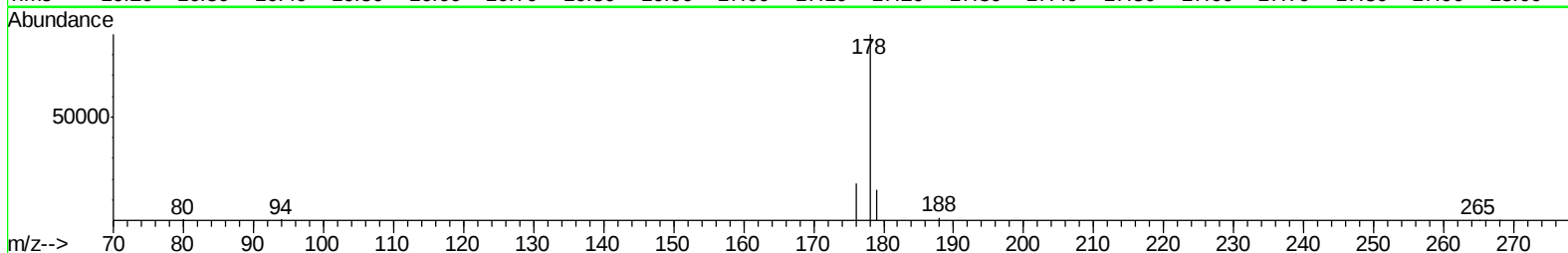
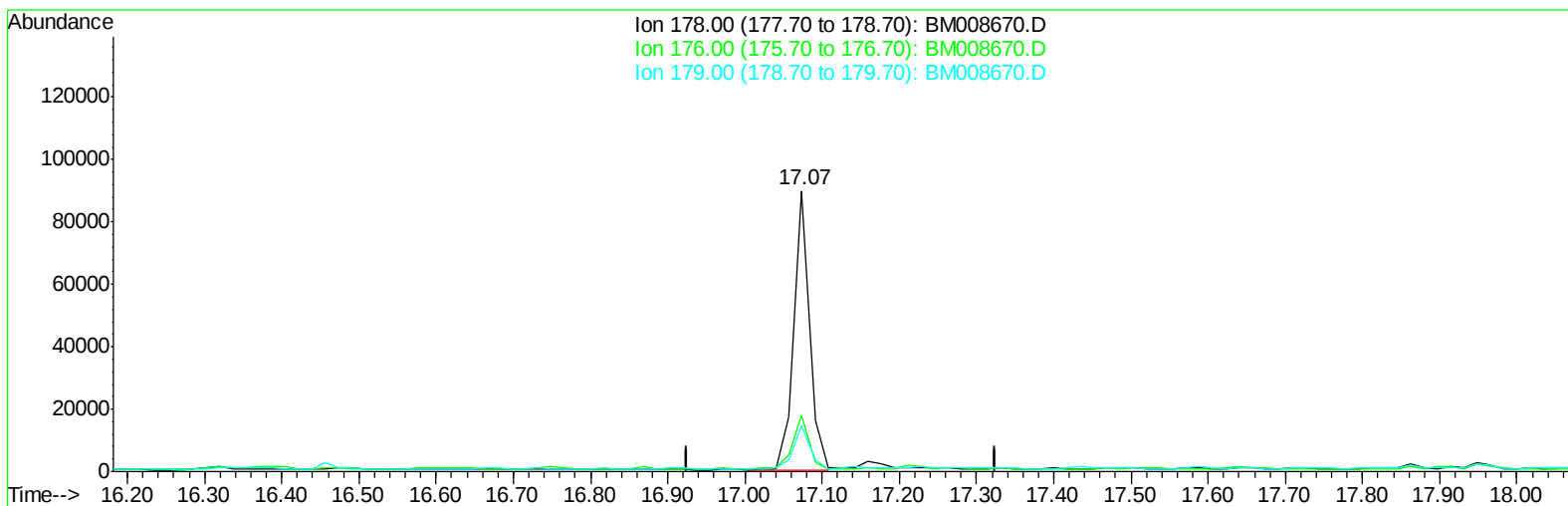
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:55 PM

Quant Time: Dec 26 16:48:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(12) Phenanthrene

17.074min (-0.051) 19.98ng/ul m

response 126813

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	19.79
179.00	17.00	16.43
0.00	0.00	0.00

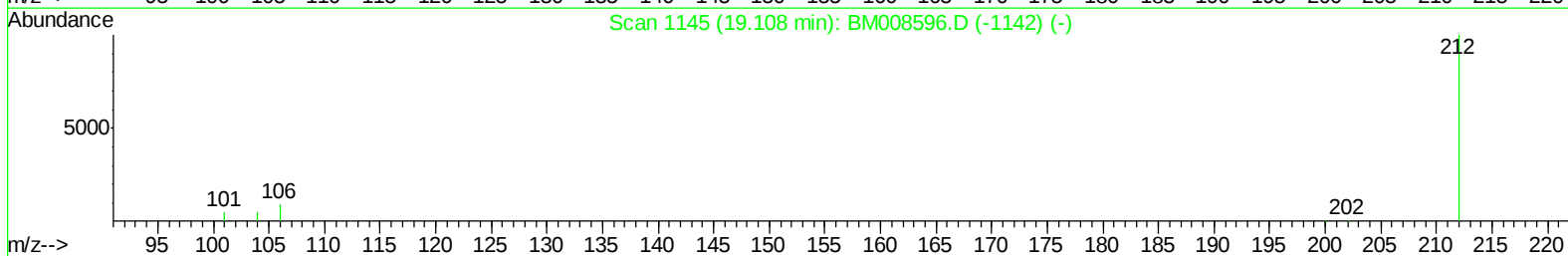
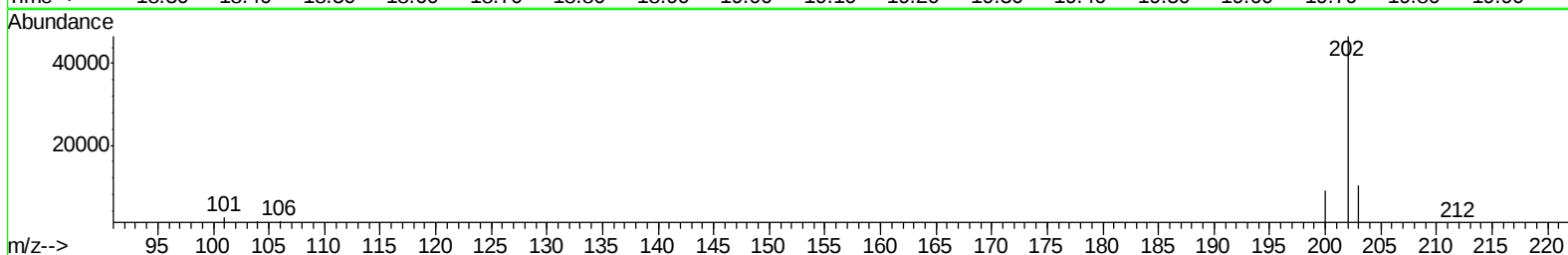
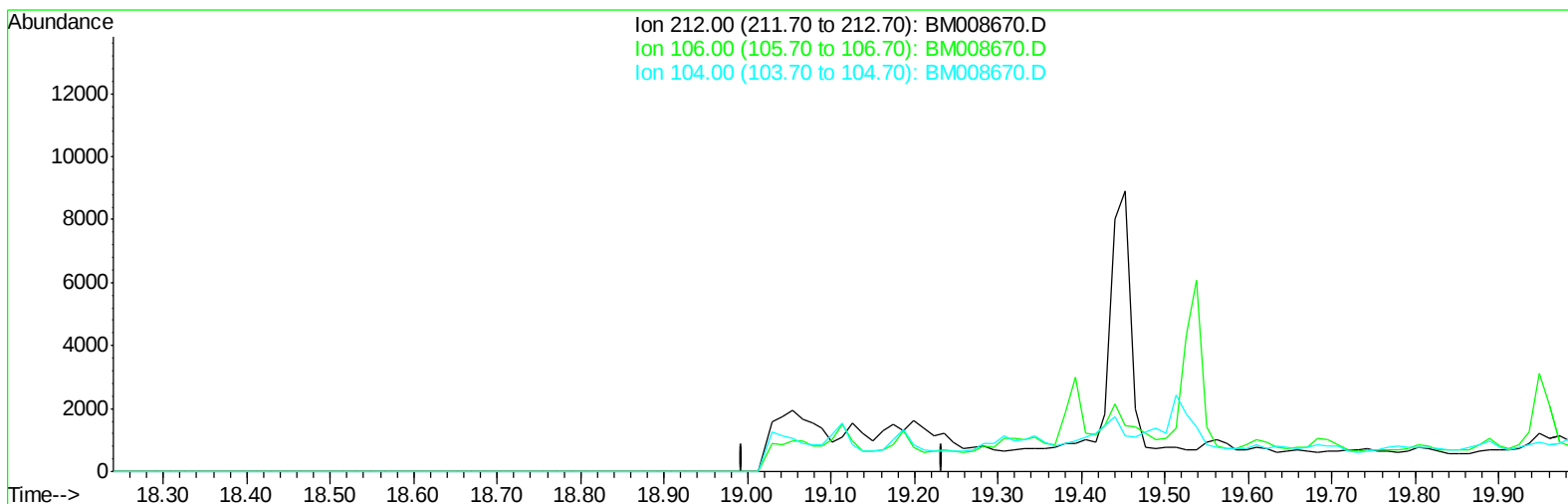
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
APPROVED

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Quant Time: Dec 26 16:48:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(14) Fluoranthene-d10 (SURR)

19.113min (-19.113) 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

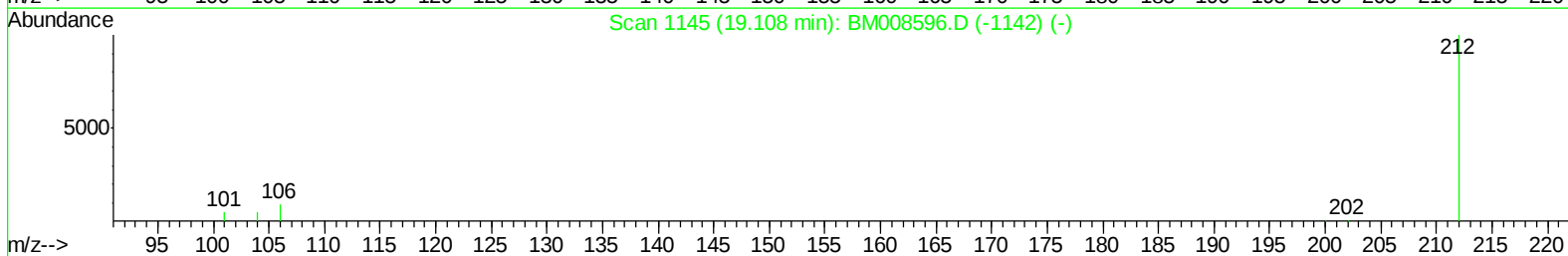
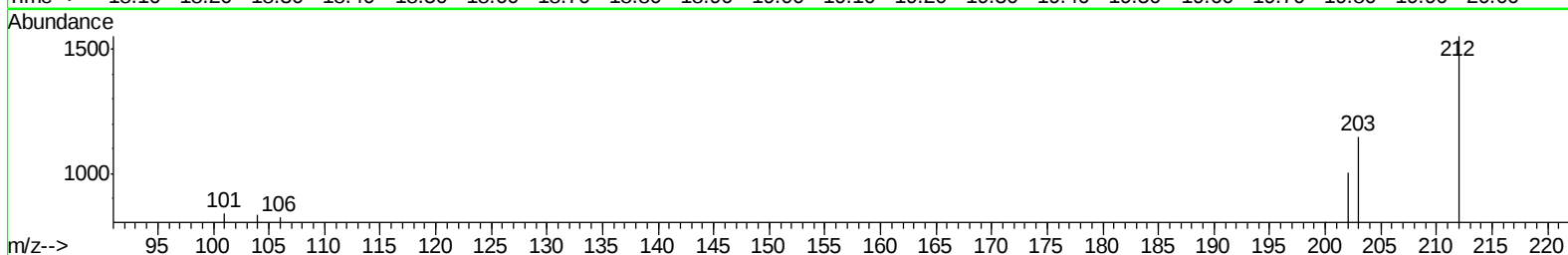
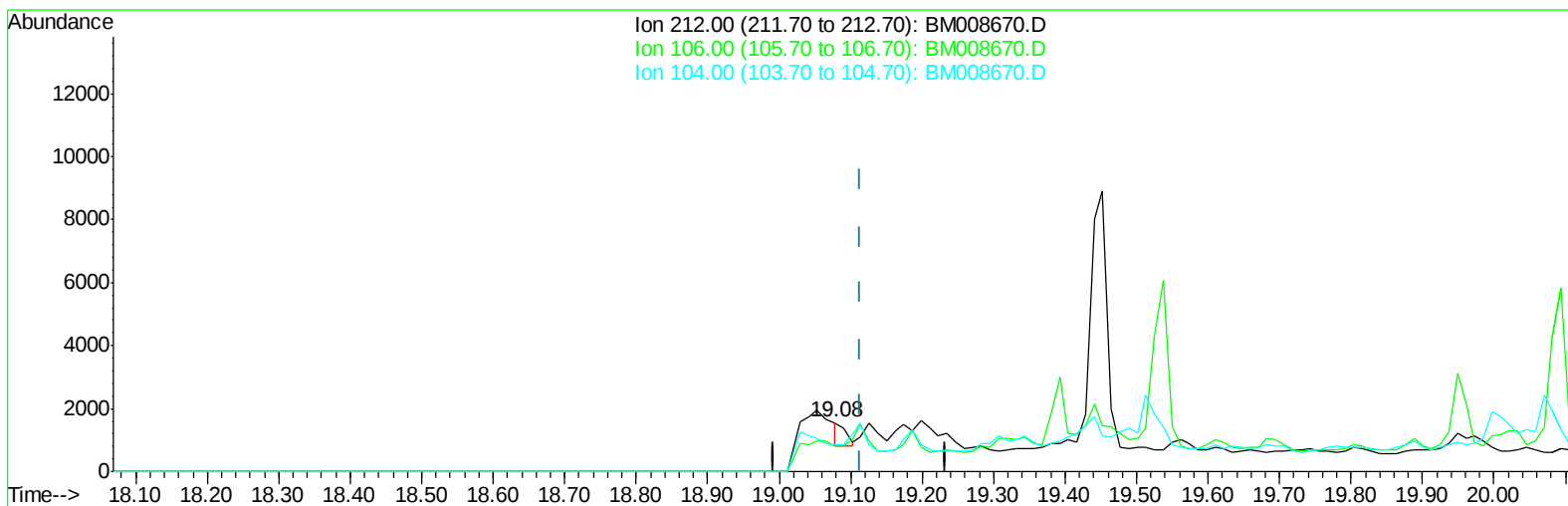
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:48:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(14) Fluoranthene-d10 (SURR)

19.078min (-0.036) 0.09ng/ul m

response 510

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

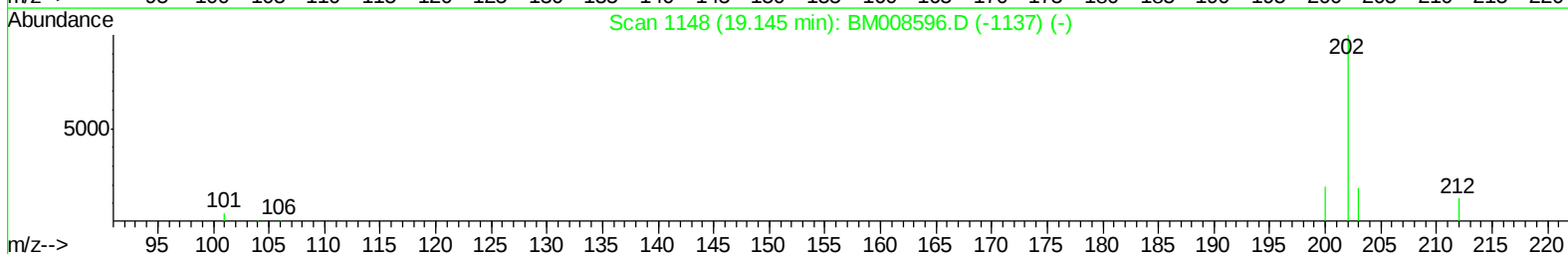
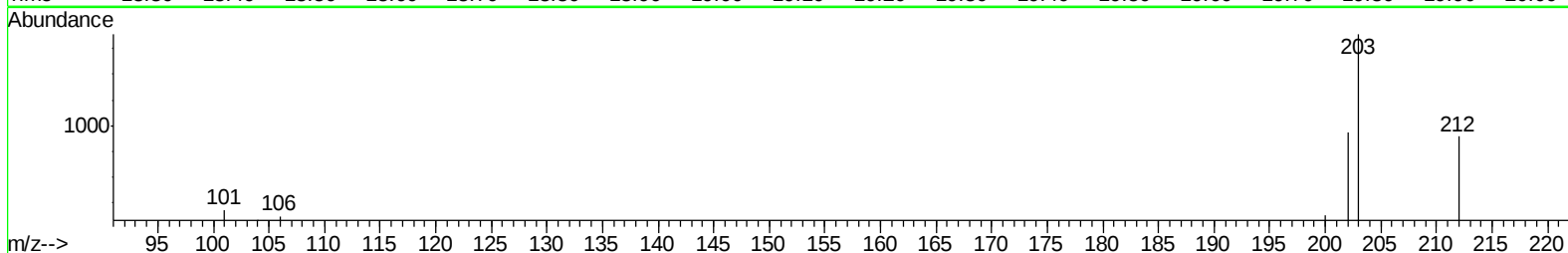
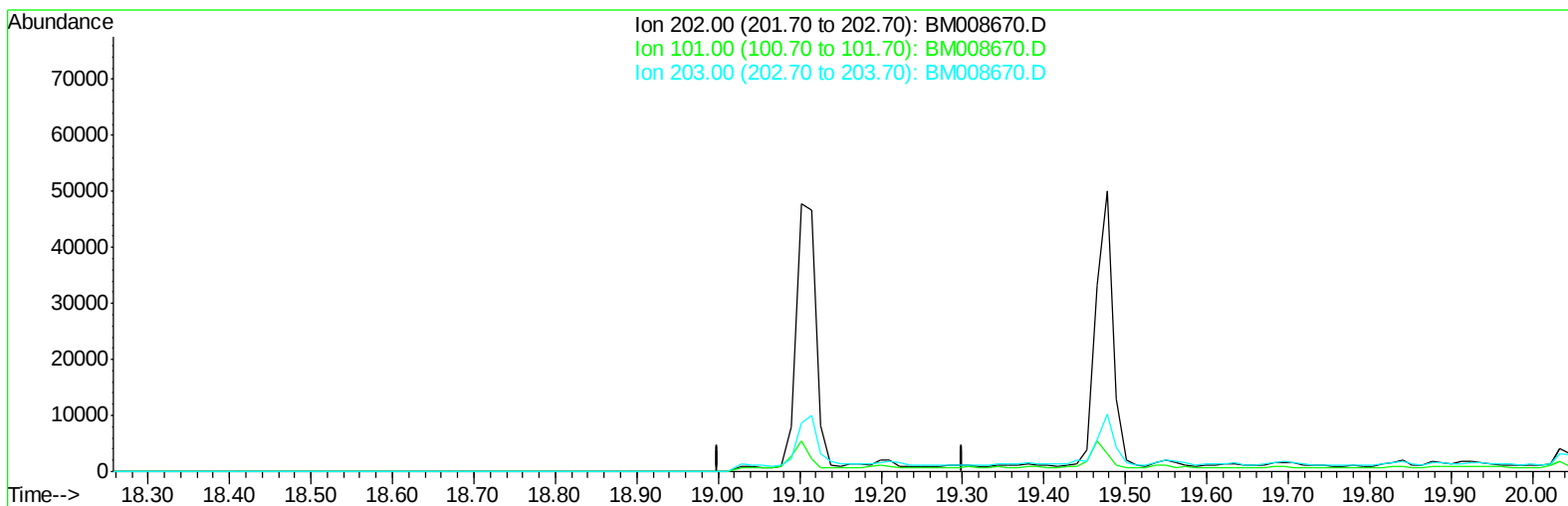
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:48:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(15) Fluoranthene (C)

19.150min (-19.150) 0.00ng/ul

response 0

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

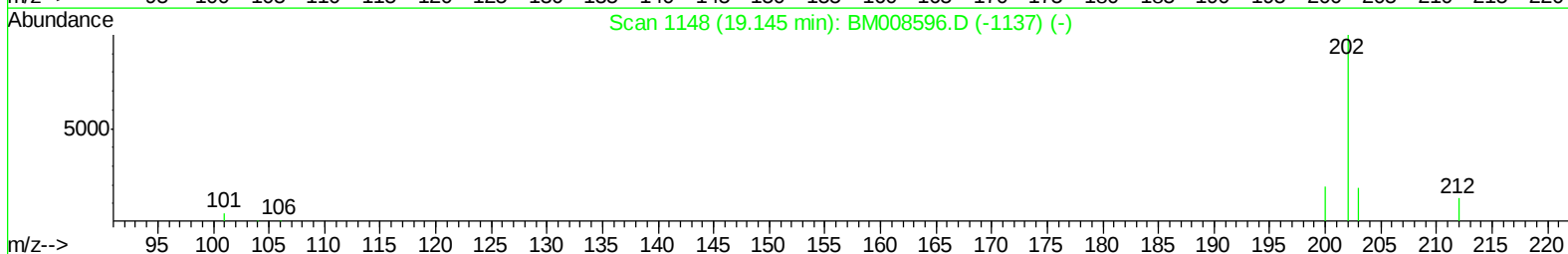
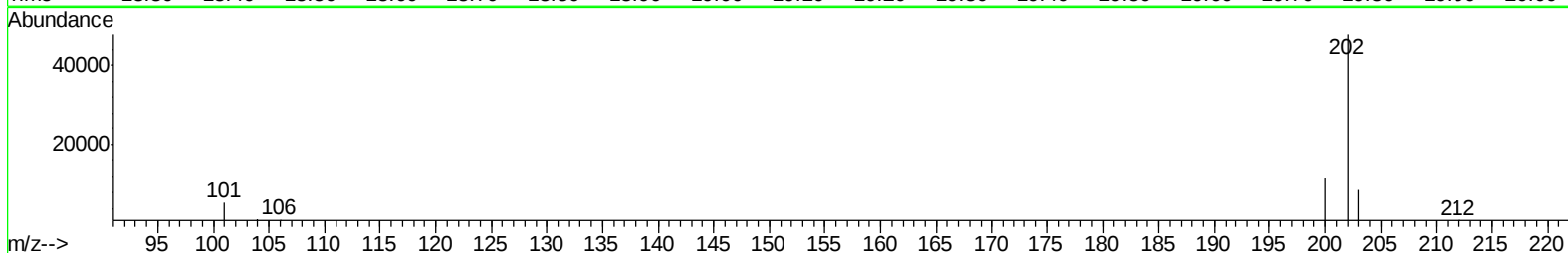
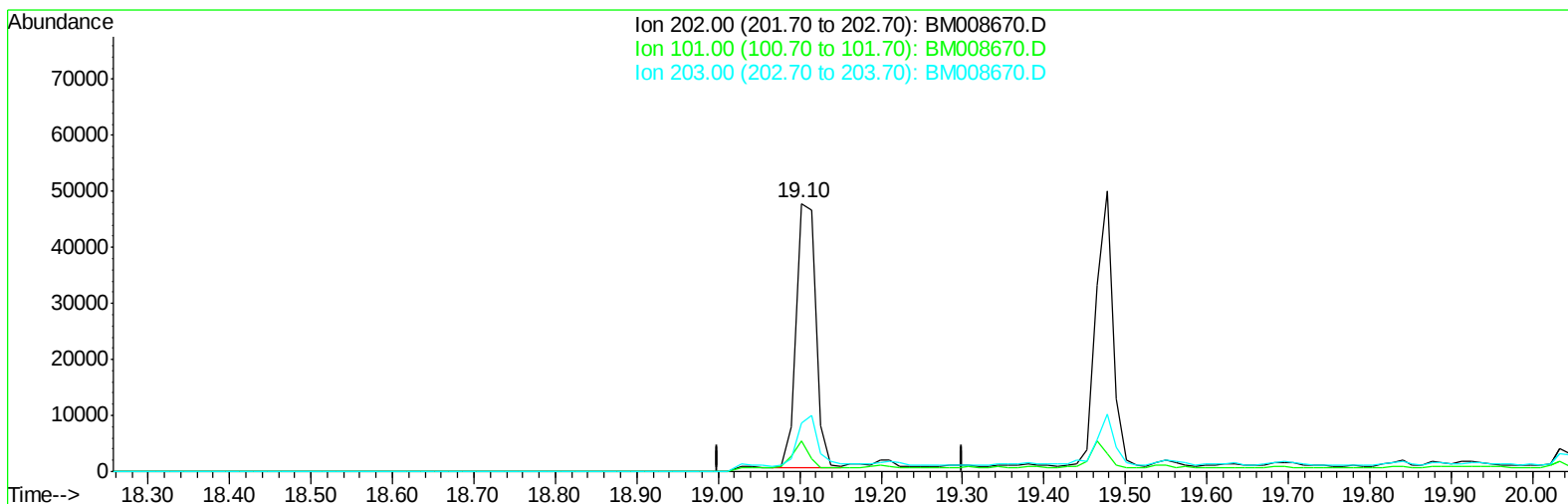
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:48:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(15) Fluoranthene (C)

19.102min (-0.048) 10.14ng/ul m

response 78857

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	11.21
203.00	19.50	18.14
0.00	0.00	0.00

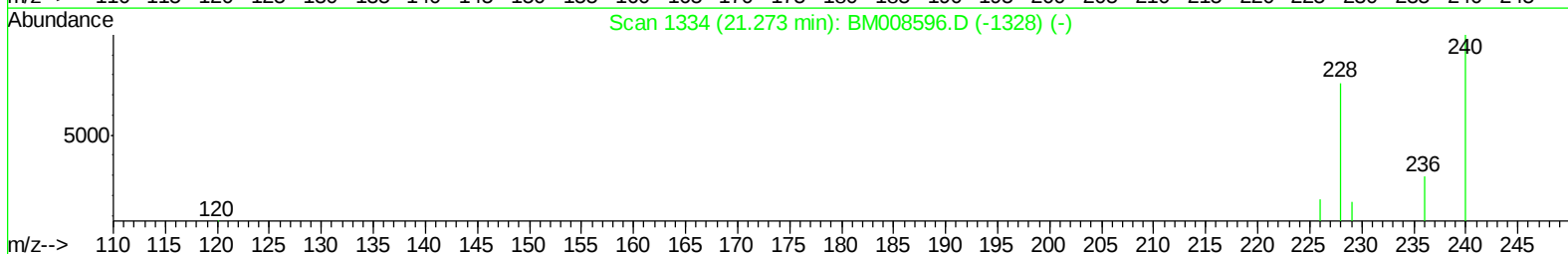
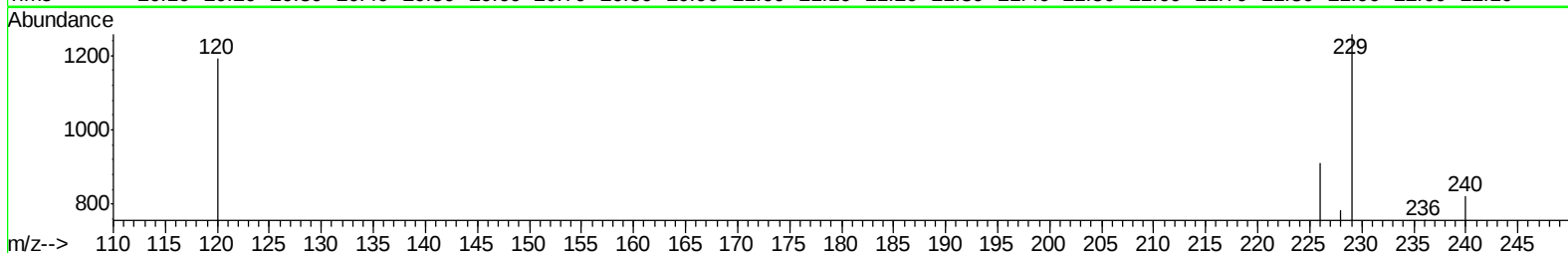
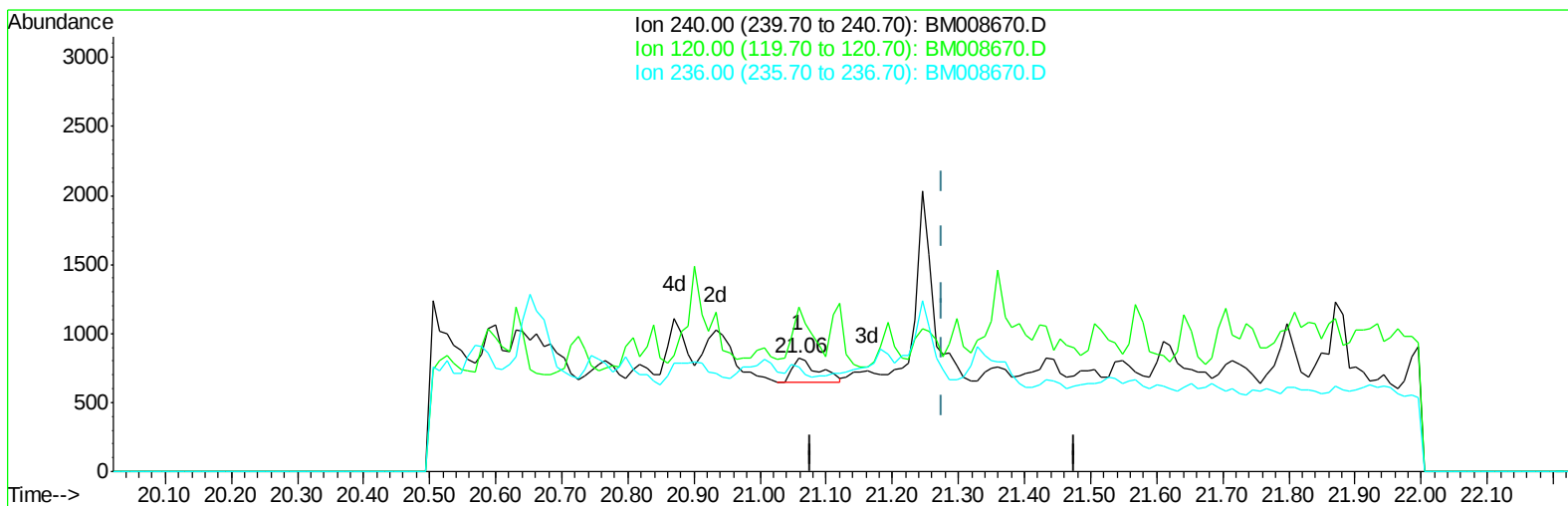
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
APPROVED

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Quant Time: Dec 26 16:48:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(16) Chrysene-d12 (I)

21.058min (-0.218) 0.40ng/ul

response 504

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	145.19#
236.00	34.90	92.20#
0.00	0.00	0.00

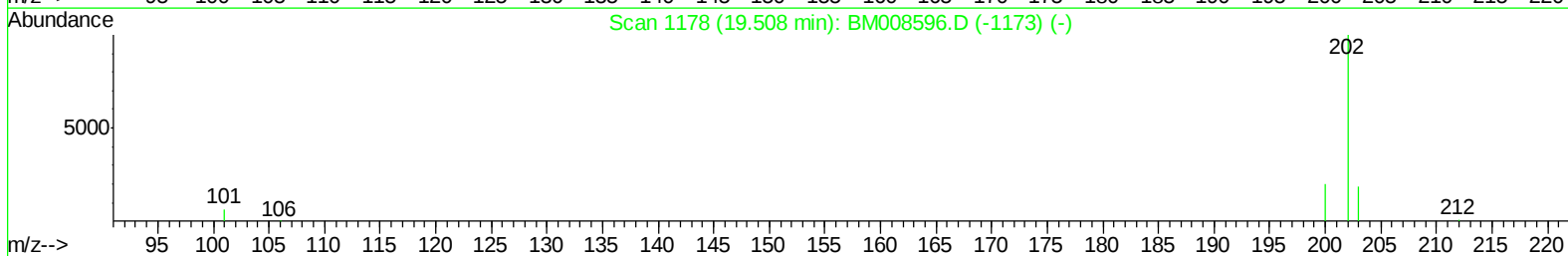
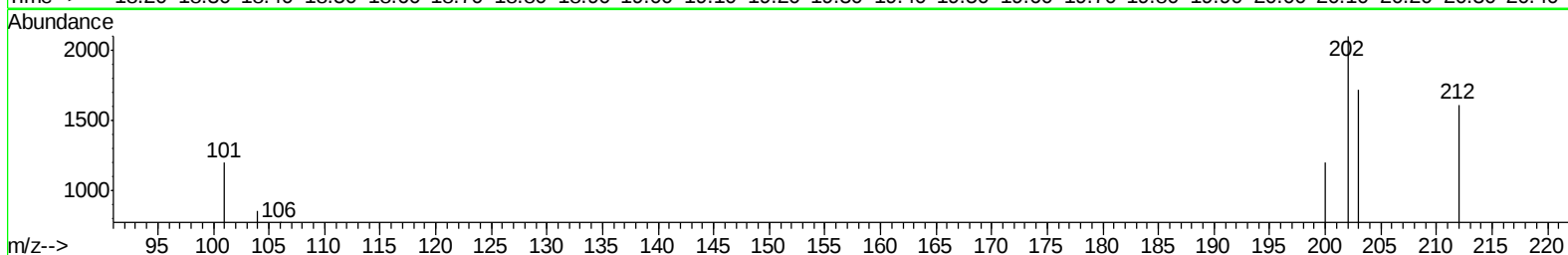
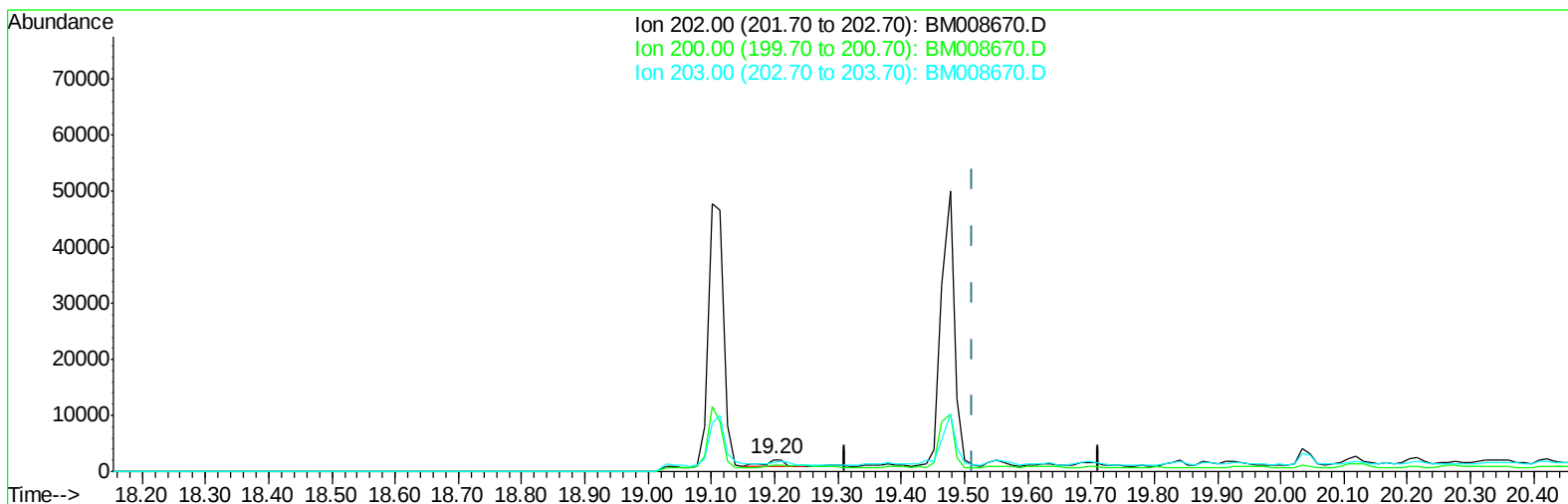
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:52:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(17) Pyrene

19.199min (-0.314) 0.34ng/ul

response 2771

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	57.26#
203.00	19.50	81.58#
0.00	0.00	0.00

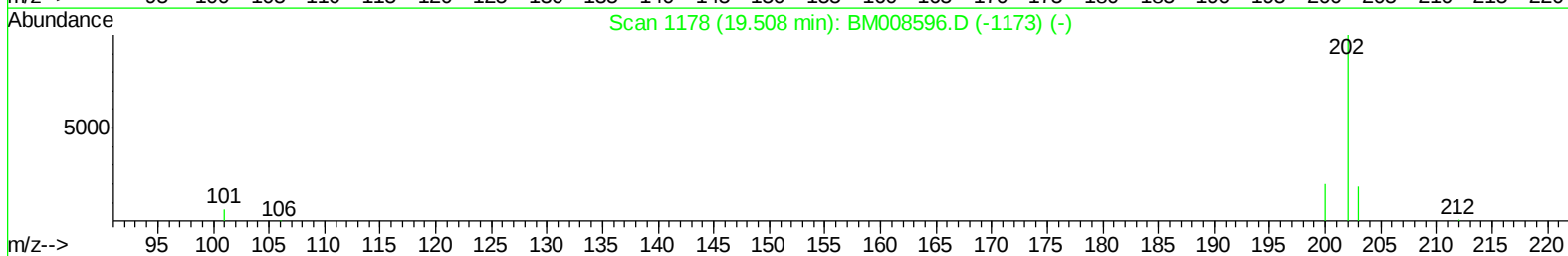
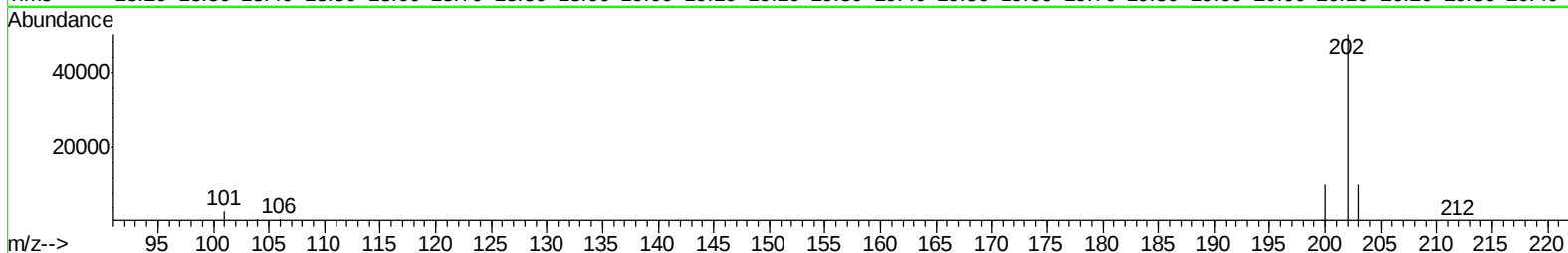
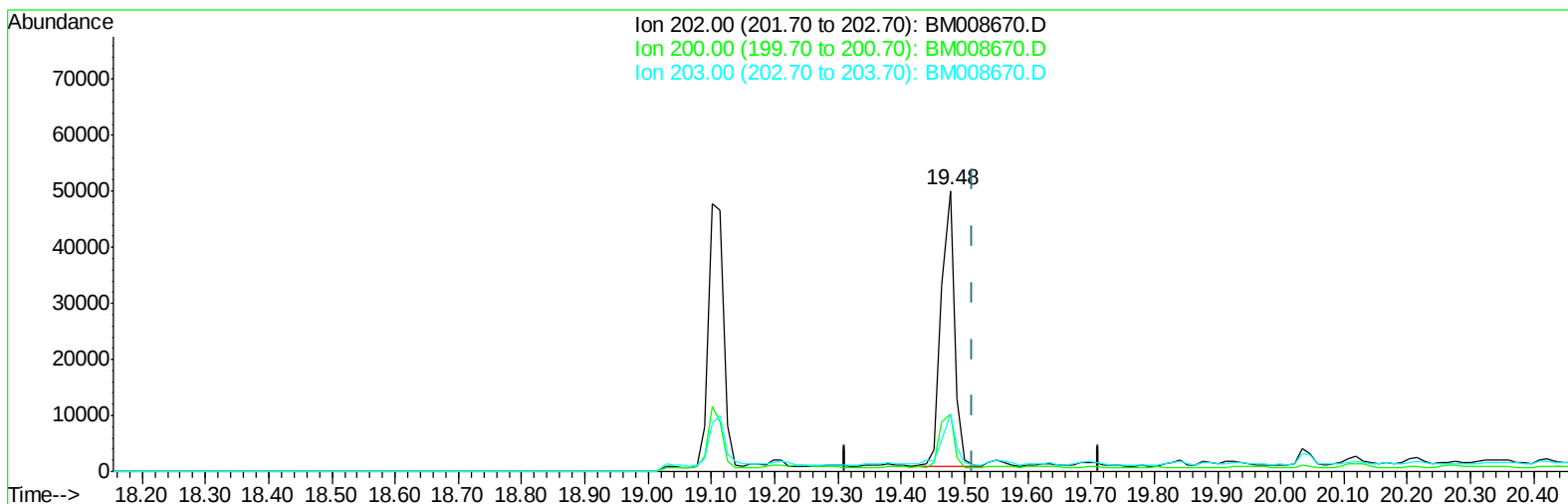
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:52:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(17) Pyrene

19.477min (-0.036) 8.83ng/ul m

response 71653

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	20.26
203.00	19.50	20.35
0.00	0.00	0.00

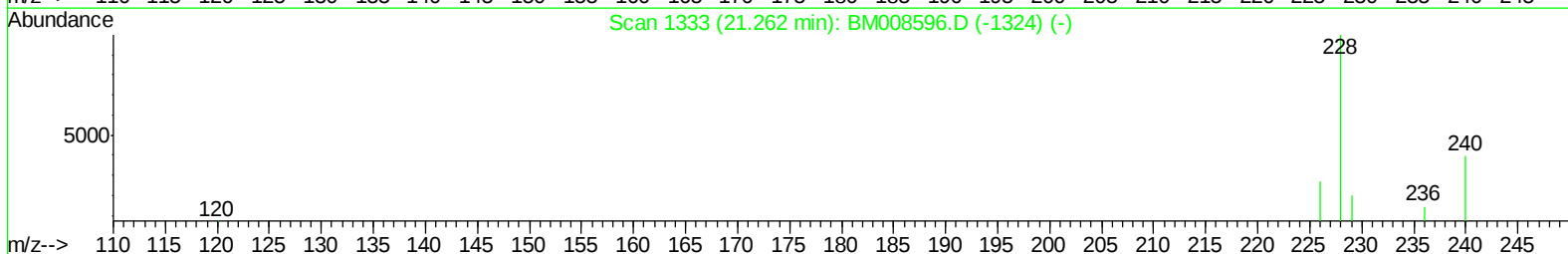
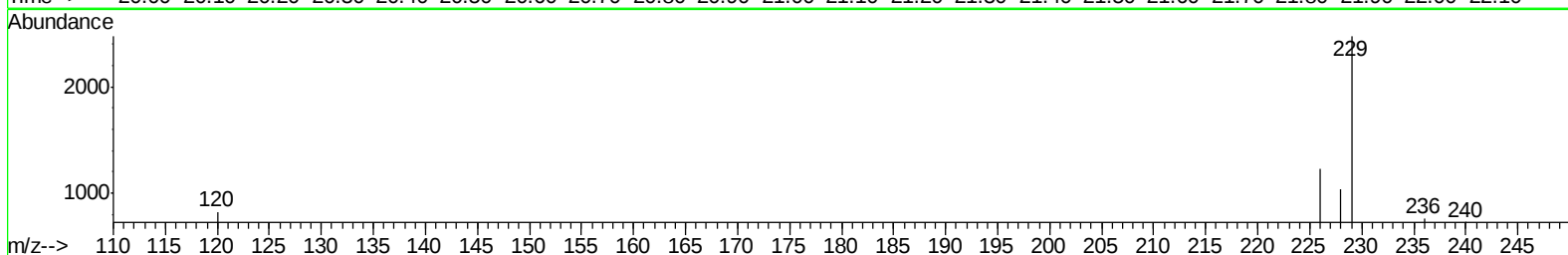
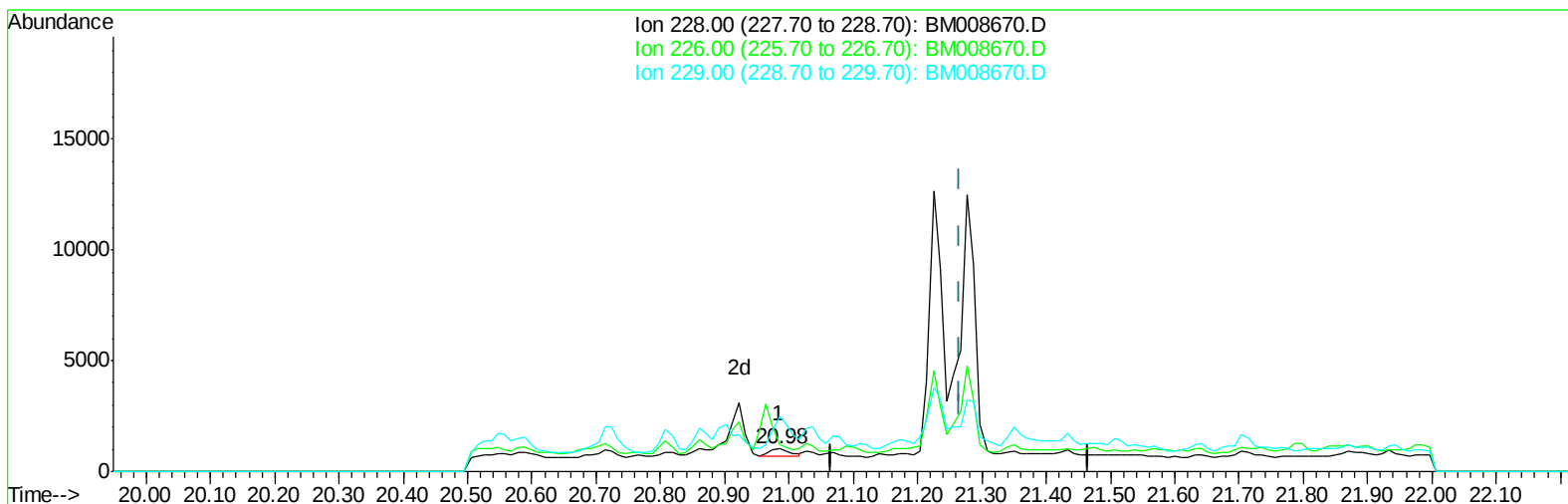
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:52:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(18) Benzo(a)anthracene
20.985min (-0.281) 0.10ng/ul
response 705

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	118.18#
229.00	21.30	239.56#
0.00	0.00	0.00

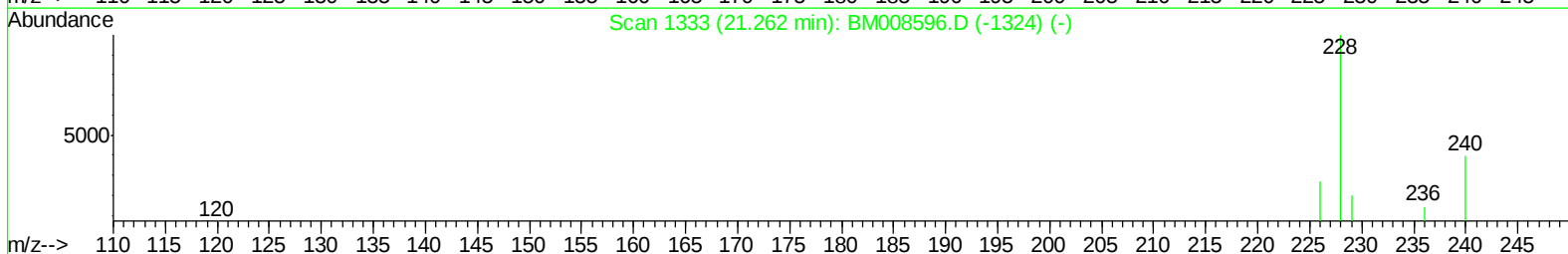
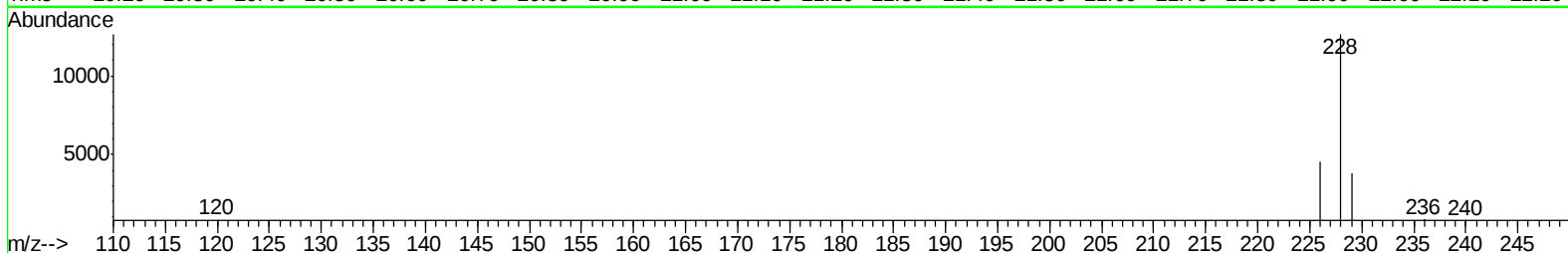
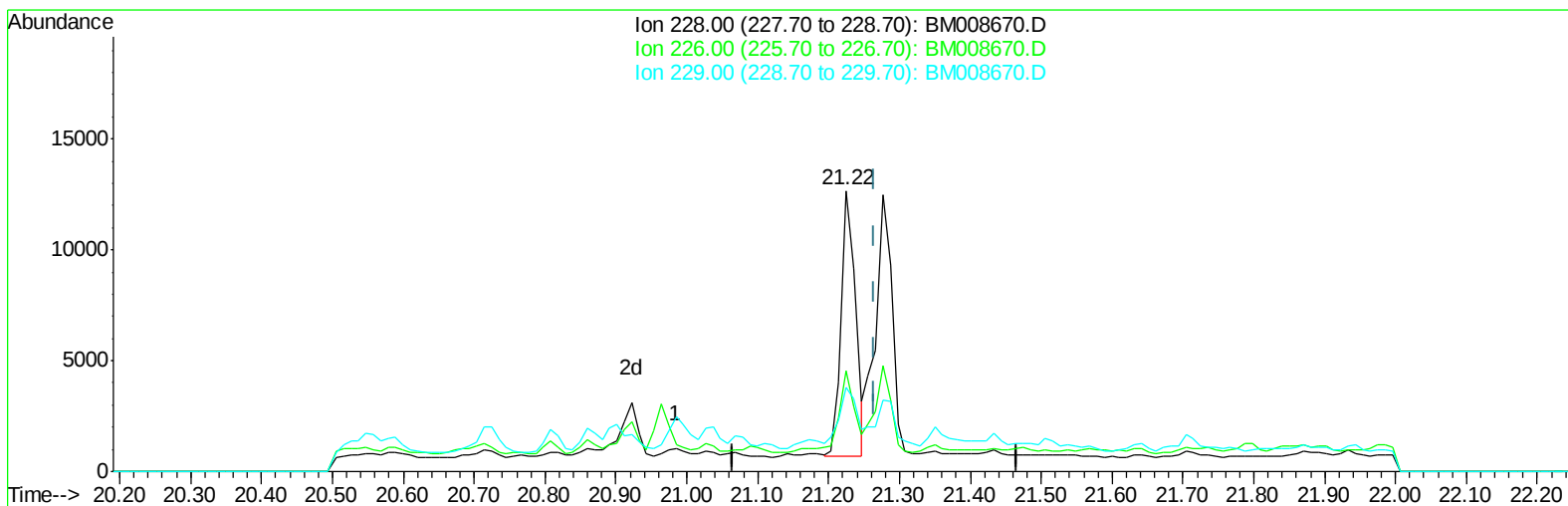
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:52:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(18) Benzo(a)anthracene
21.225min (-0.041) 2.41ng/ul m
response 16587

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	36.09#
229.00	21.30	29.95#
0.00	0.00	0.00

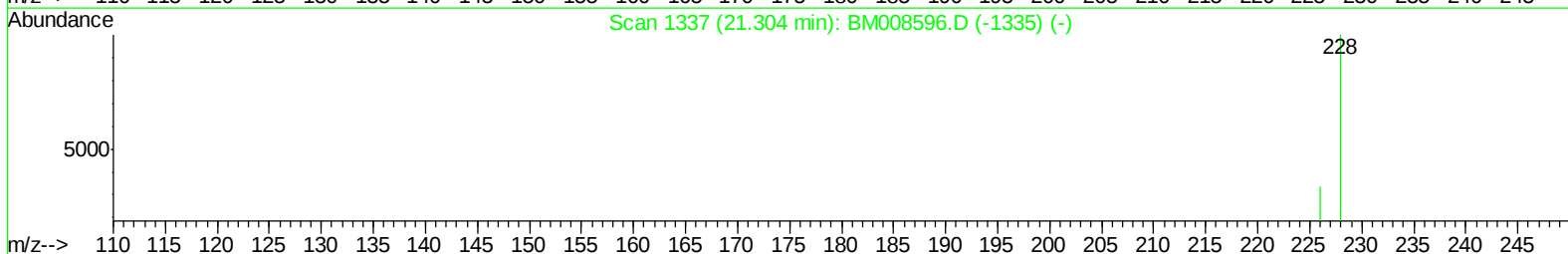
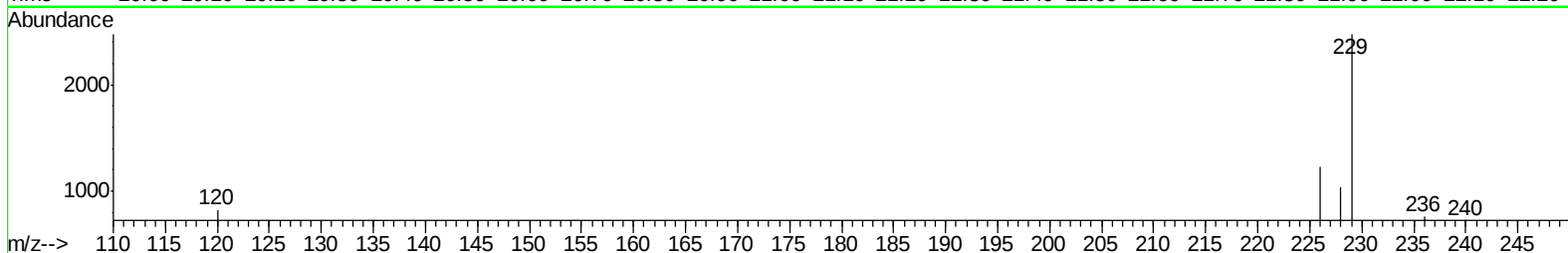
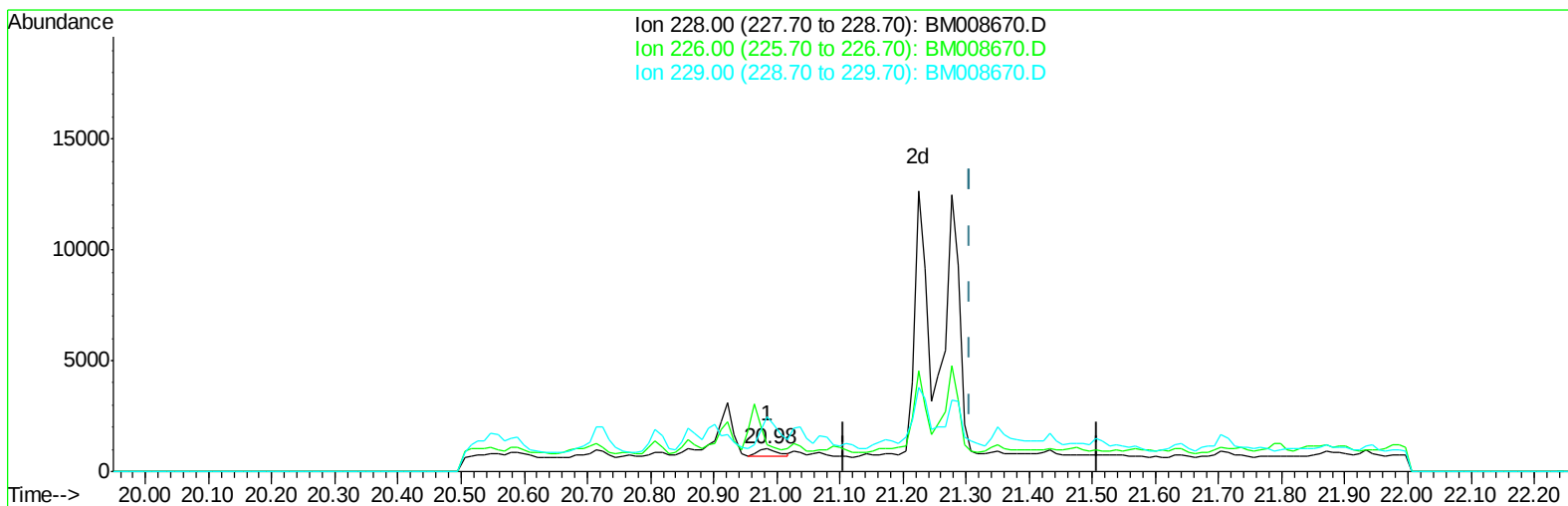
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:52:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(19) Chrysene

20.985min (-0.323) 0.09ng/ul

response 705

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	118.18#
229.00	22.10	239.56#
0.00	0.00	0.00

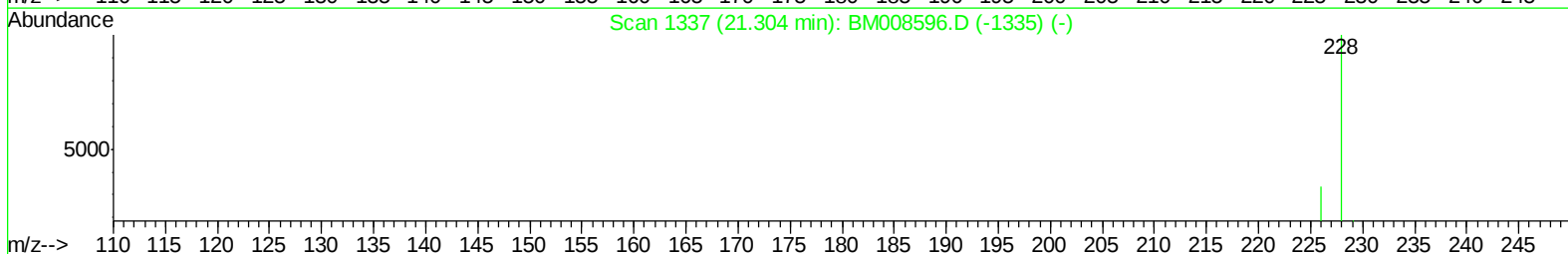
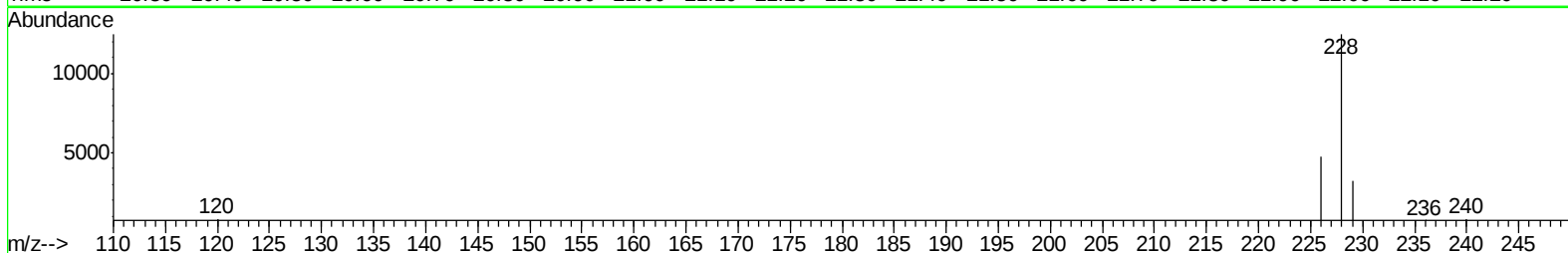
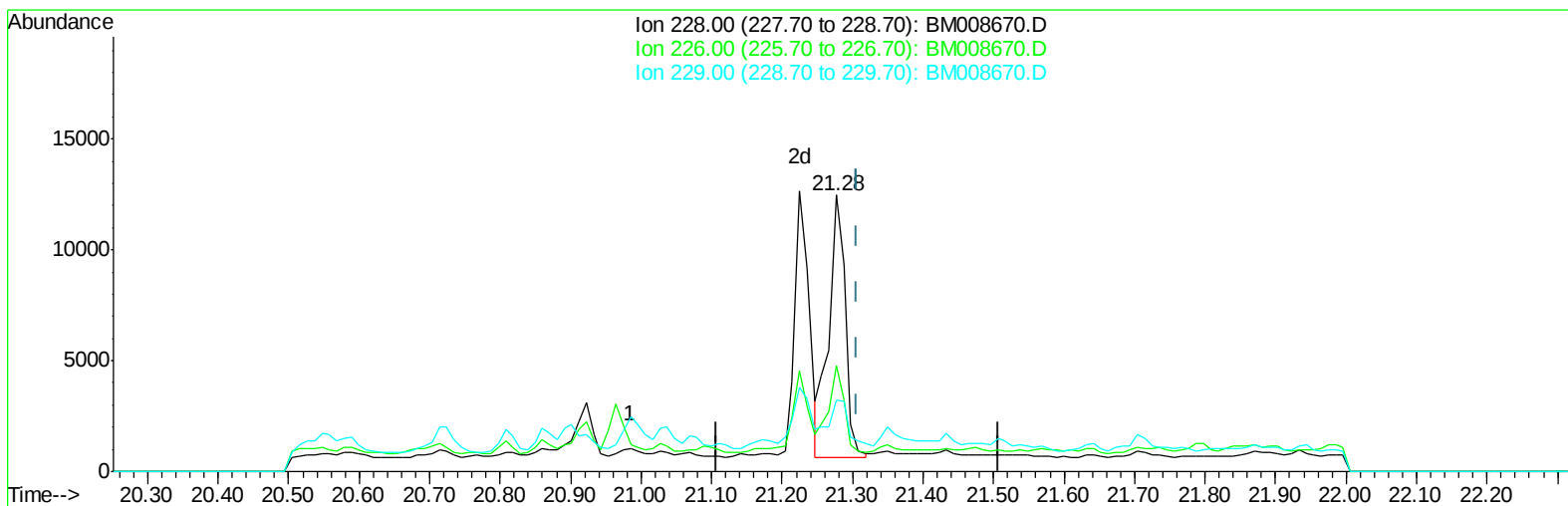
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008670.D
 Acq On : 25 Dec 2016 14:19
 Operator : UM/SJ
 Sample : H5995-09DL 5X
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA874DL

Manual Integrations
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Quant Time: Dec 26 16:52:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration



TIC: BM008670.D

(19) Chrysene

21.277min (-0.031) 2.55ng/ul m

response 19261

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	38.37#
229.00	22.10	26.03
0.00	0.00	0.00

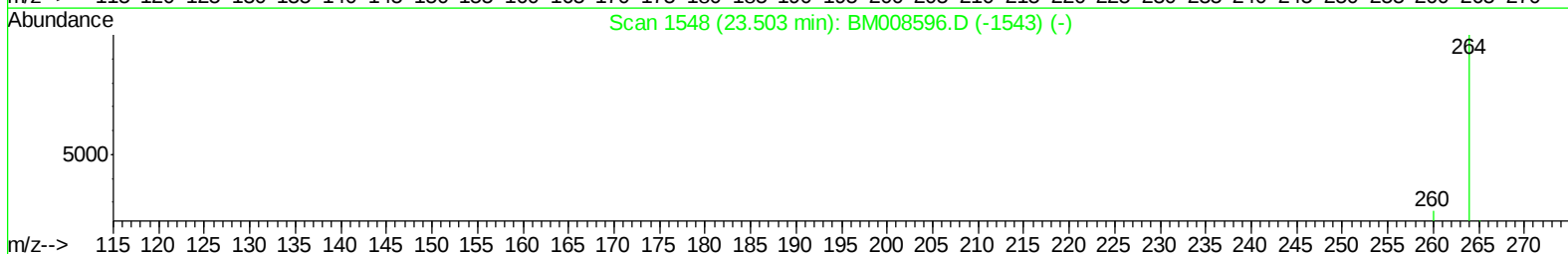
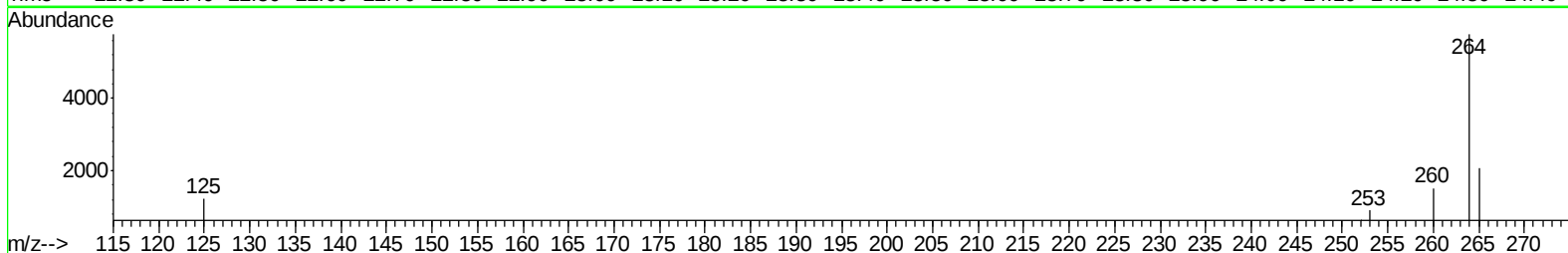
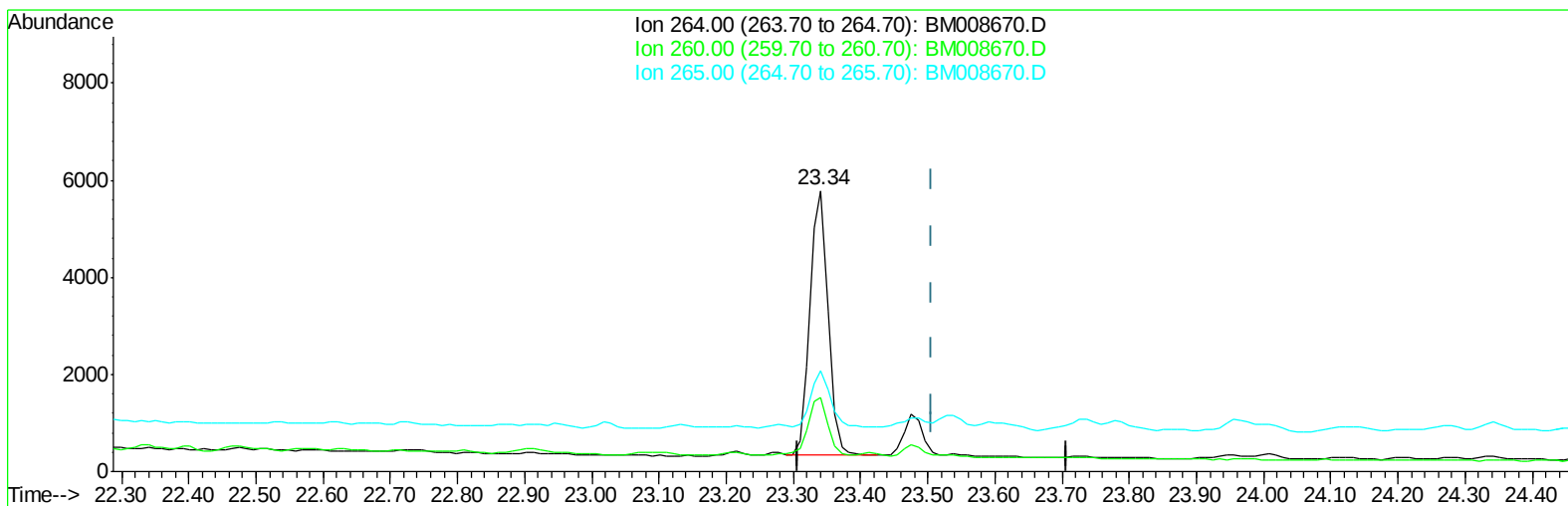
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:52:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(20) Perylene-d12 (I)

23.340min (-0.166) 0.40ng/ul

response 10181

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.32
265.00	103.50	35.94#
0.00	0.00	0.00

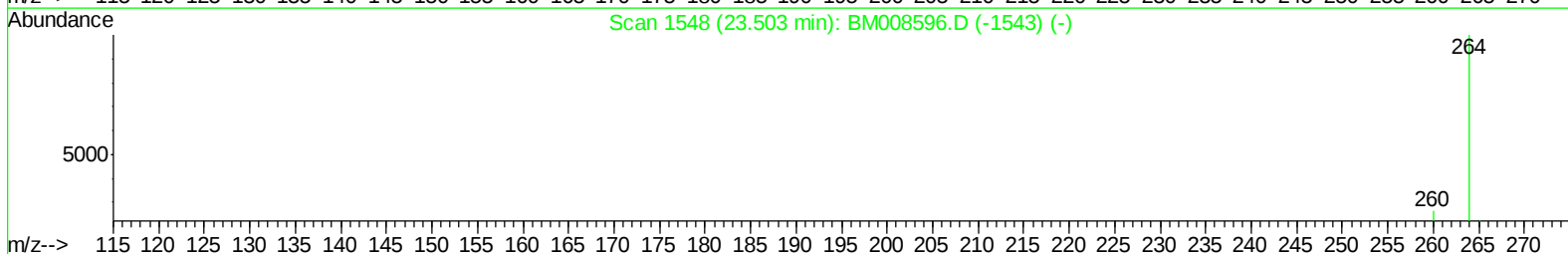
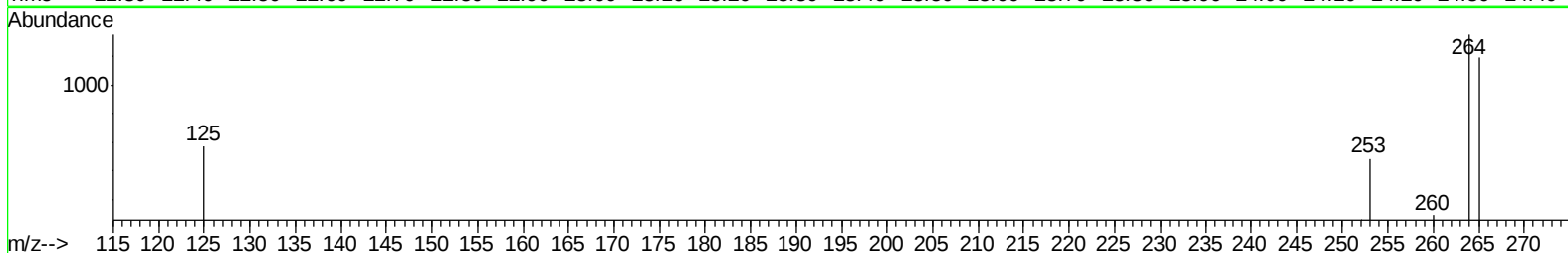
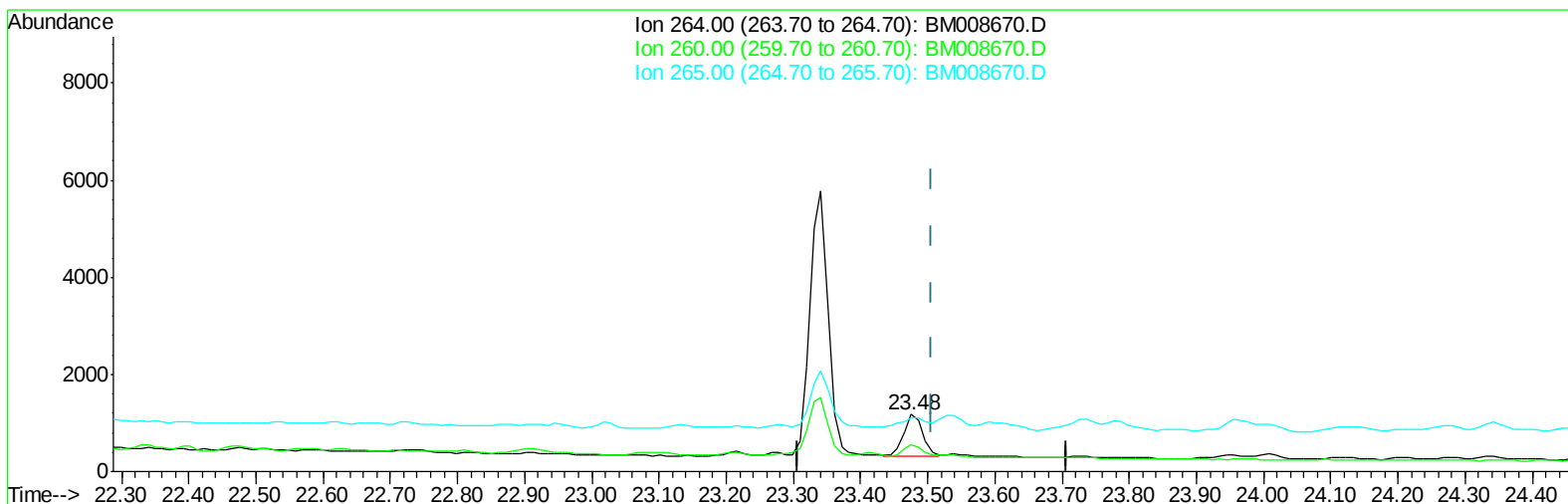
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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sohil
12/26/2016 6:29:55 PM

Quant Time: Dec 26 16:52:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(20) Perylene-d12 (I)

23.476min (-0.031) 0.40ng/ul m

response 1704

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	46.26#
265.00	103.50	93.20
0.00	0.00	0.00

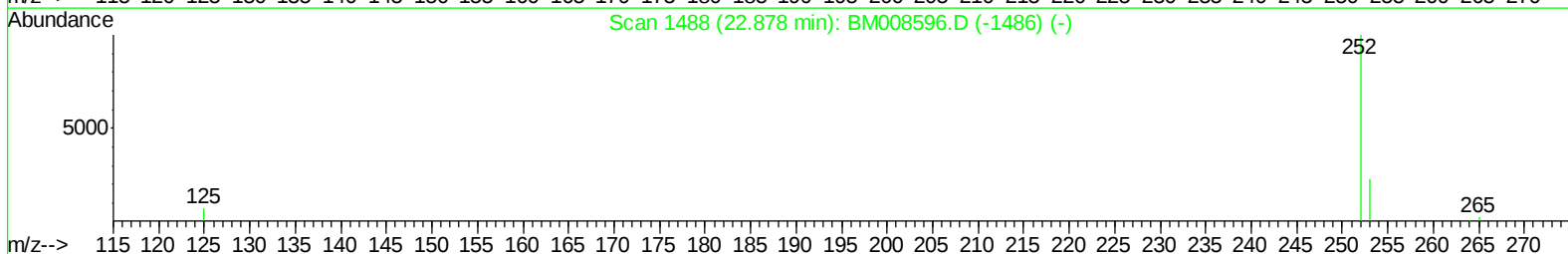
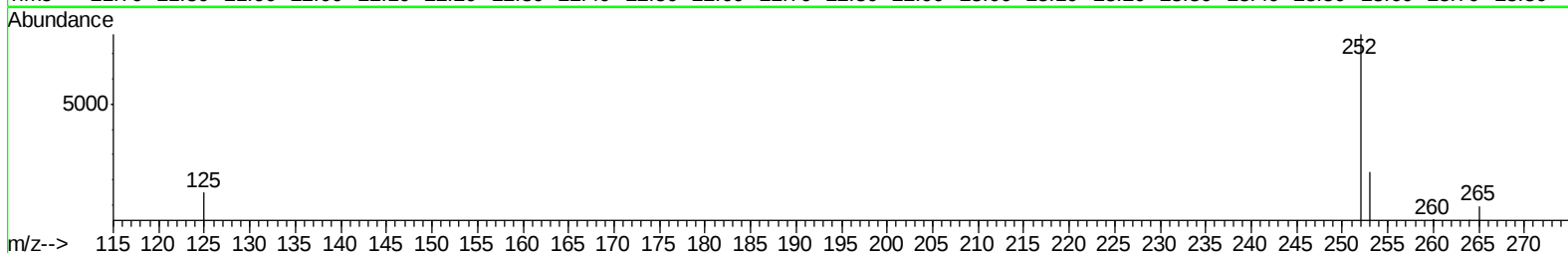
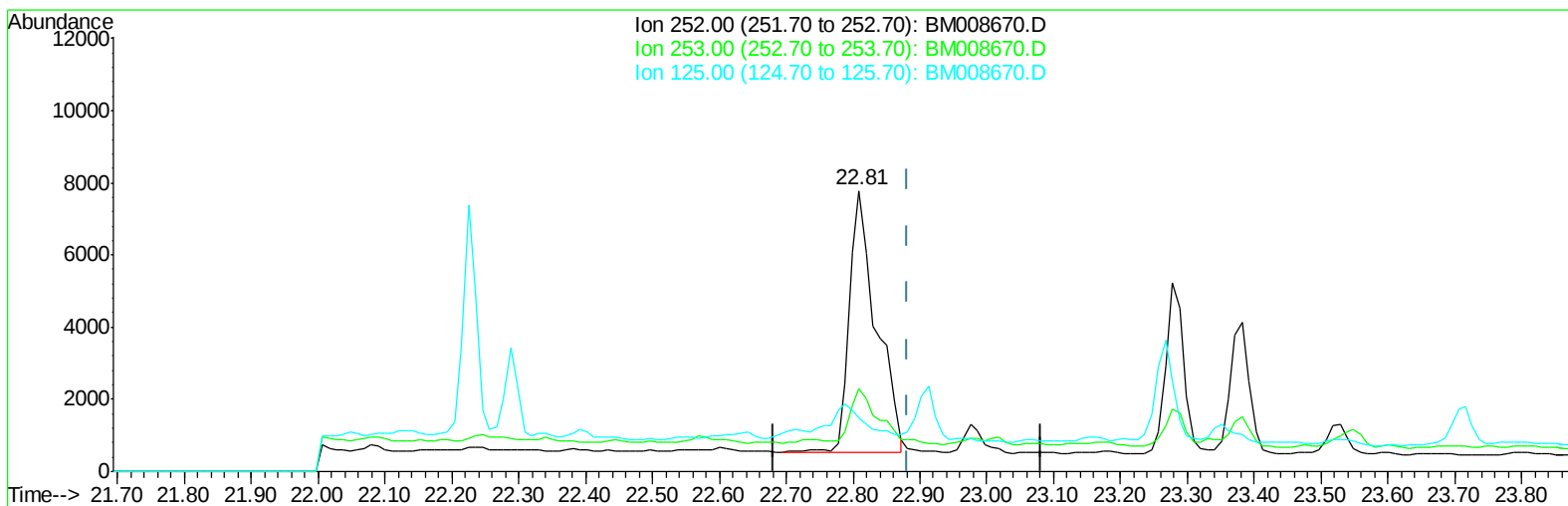
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:55 PM

Quant Time: Dec 26 16:53:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(22) Benzo(k)fluoranthene
22.809min (-0.072) 3.06ng/ul
response 20014

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.74
125.00	17.10	19.14
0.00	0.00	0.00

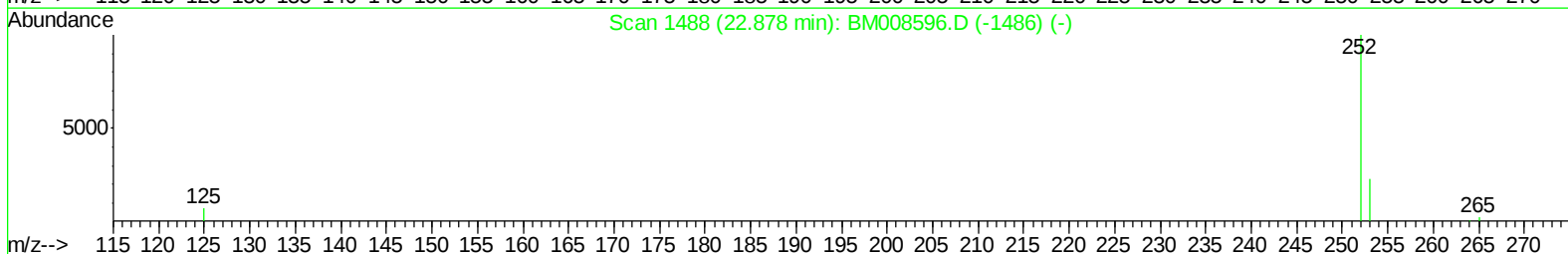
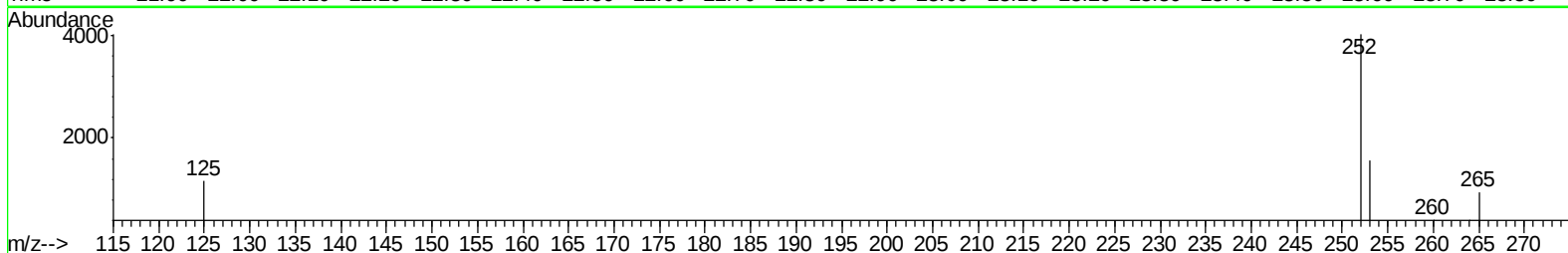
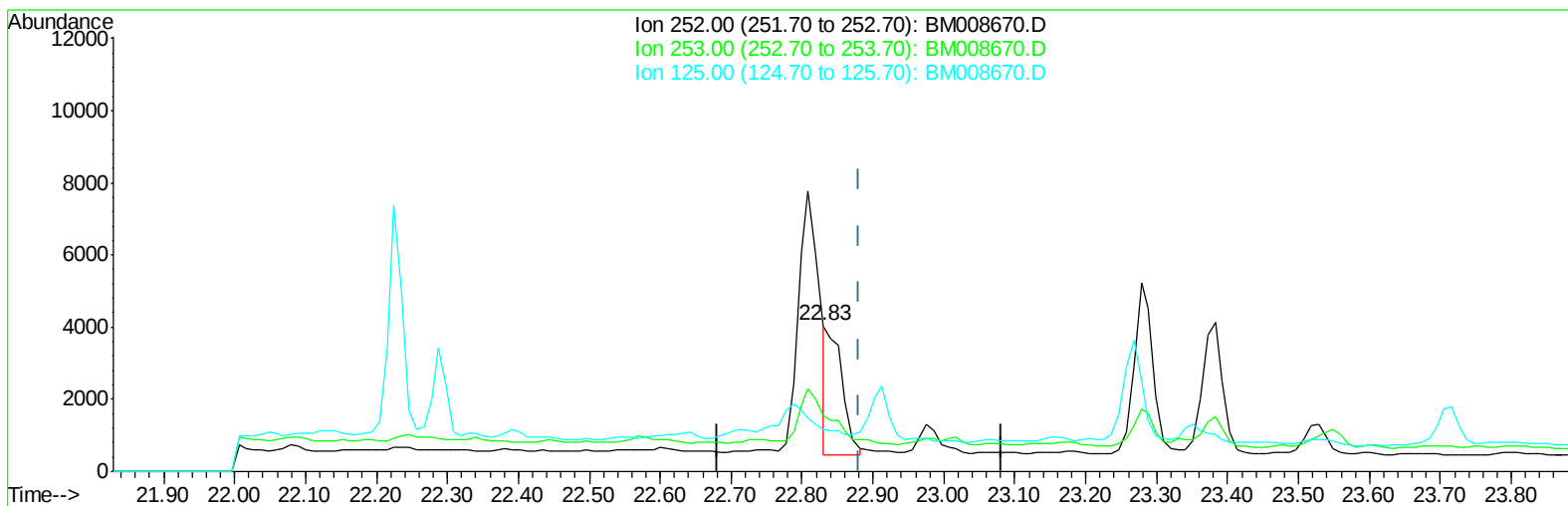
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:53:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(22) Benzo(k)fluoranthene

22.830min (-0.052) 0.79ng/ul m

response 5191

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	38.61#
125.00	17.10	28.78#
0.00	0.00	0.00

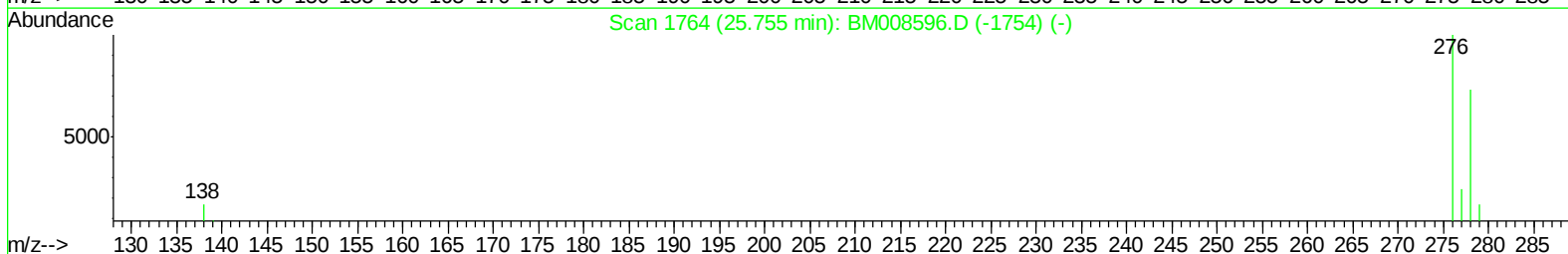
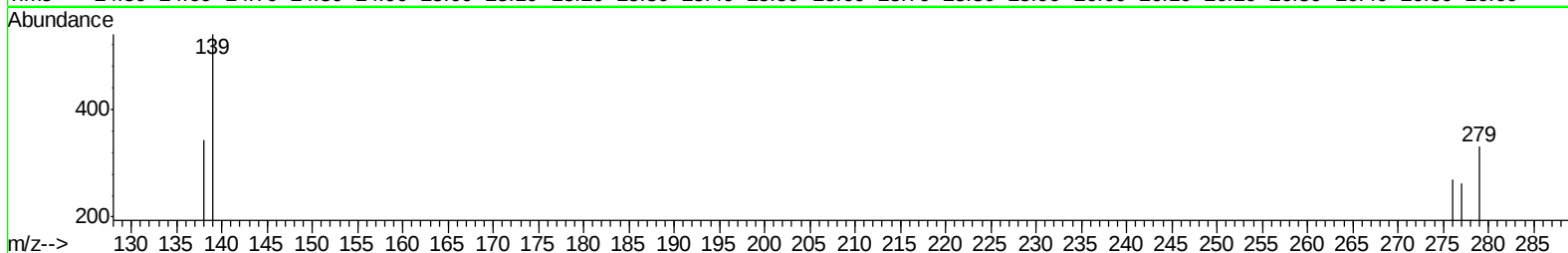
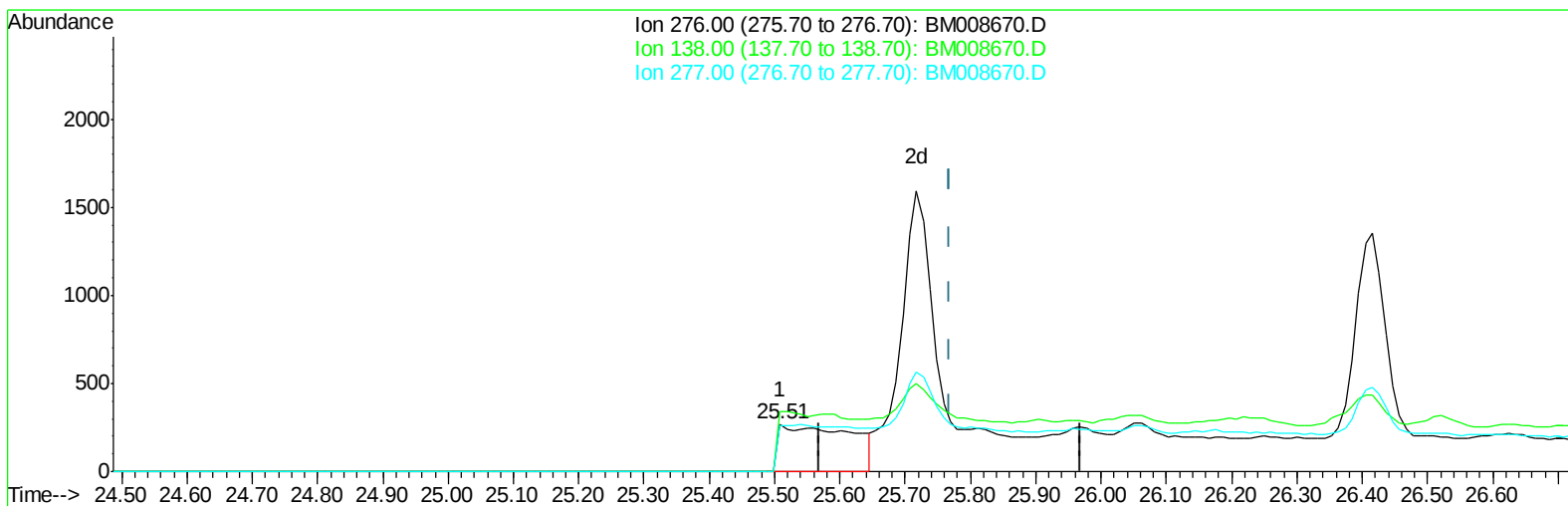
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:53:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(24) Indeno(1,2,3-cd)pyrene

25.509min (-0.260) 0.28ng/ul

response 2047

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	153.74#
277.00	24.50	0.00#
0.00	0.00	0.00

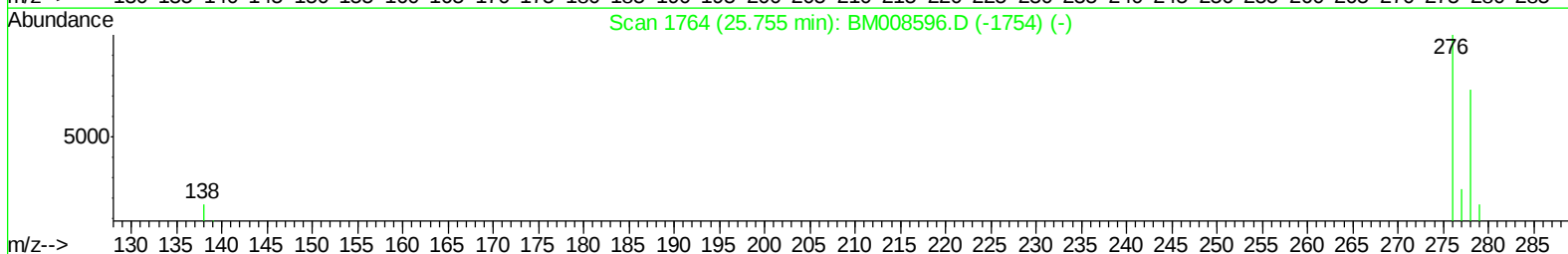
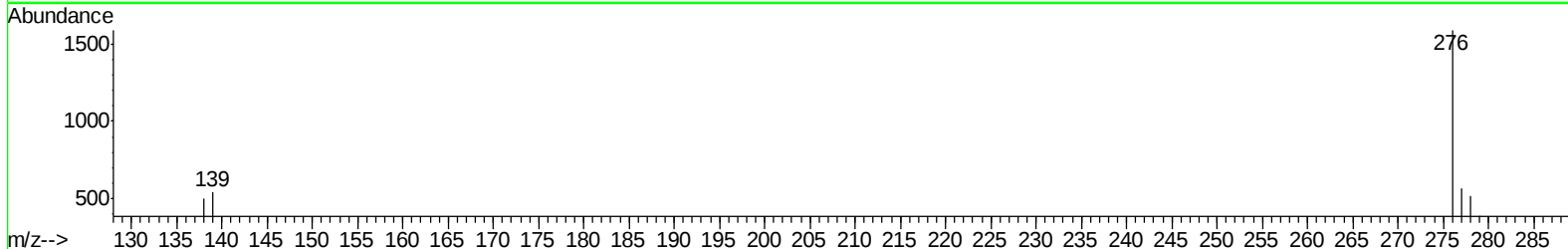
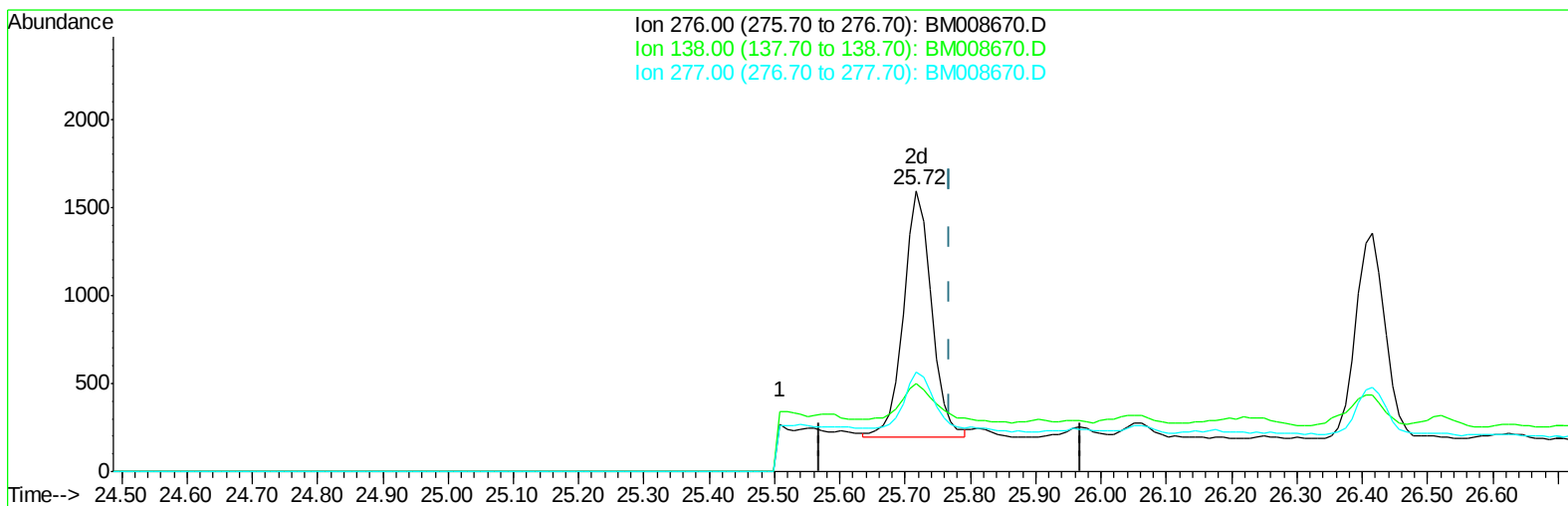
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:53:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(24) Indeno(1,2,3-cd)pyrene
25.717min (-0.052) 0.56ng/ul m
response 4149

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	75.85#
277.00	24.50	0.00#
0.00	0.00	0.00

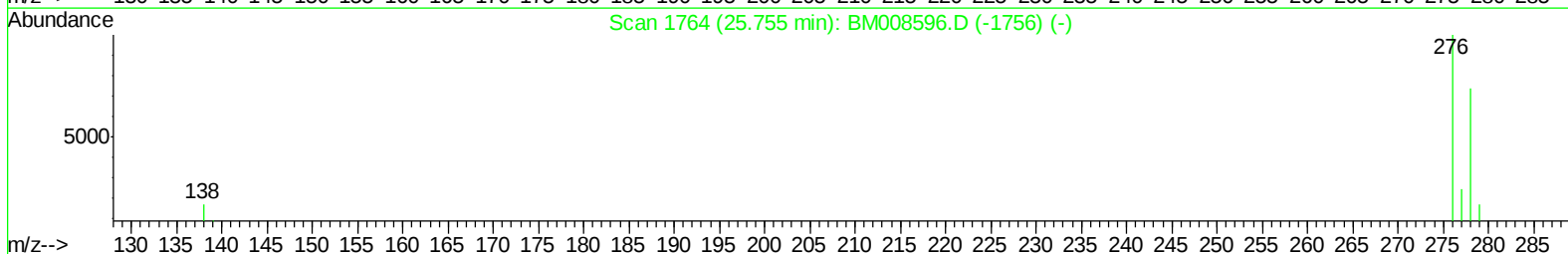
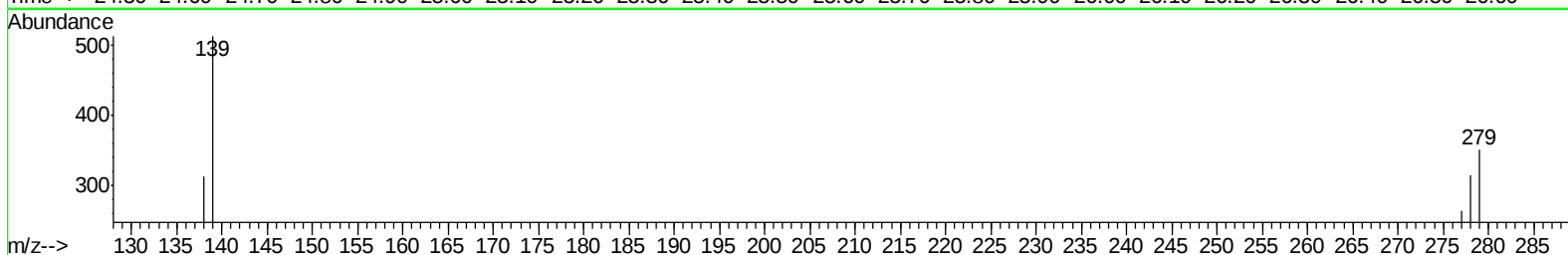
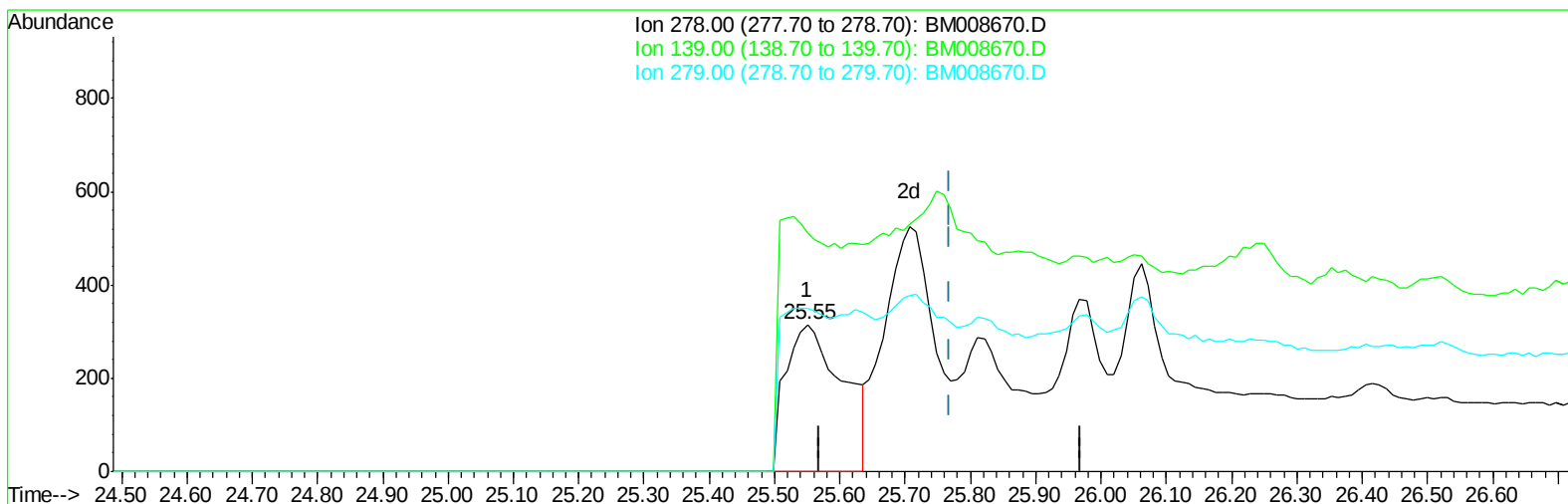
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:53:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(25) Dibenzo(a,h)anthracene

25.550min (-0.218) 0.32ng/ul

response 1893

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	162.54#
279.00	32.40	111.11#
0.00	0.00	0.00

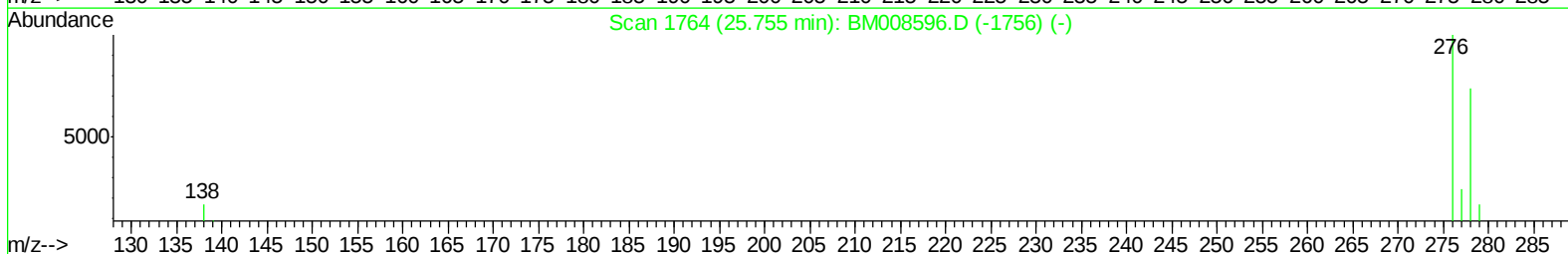
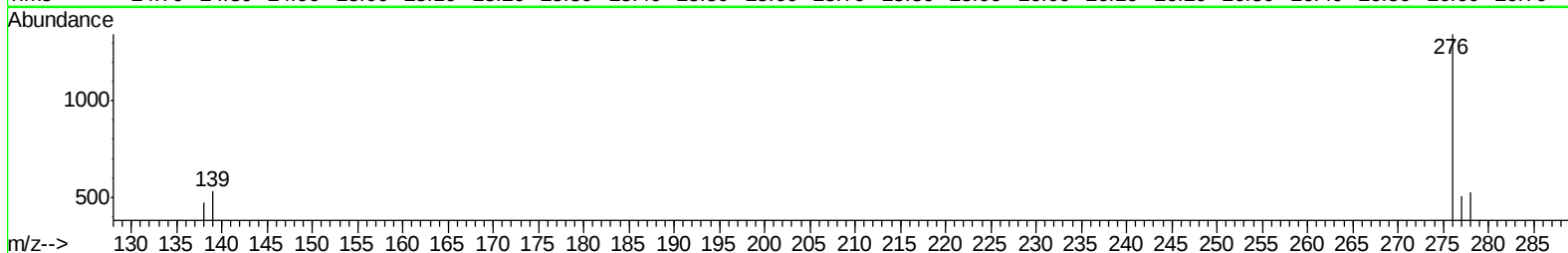
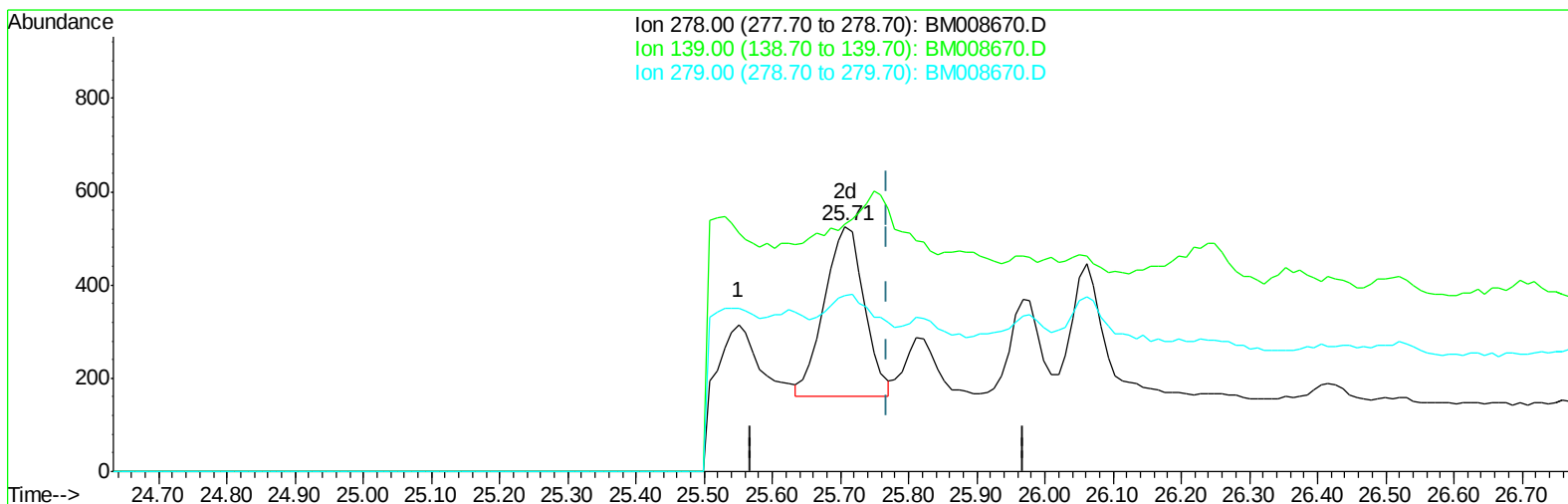
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:53:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(25) Dibenzo(a,h)anthracene

25.707min (-0.062) 0.25ng/ul m

response 1492

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	100.76#
279.00	32.40	72.00#
0.00	0.00	0.00

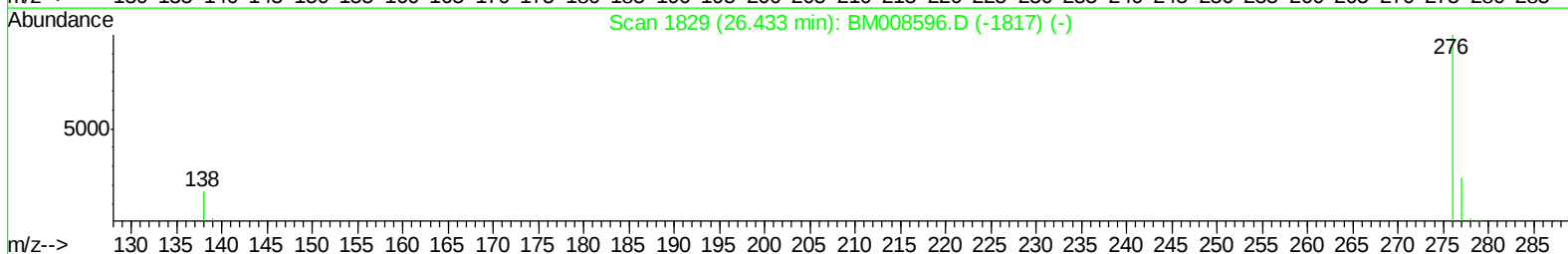
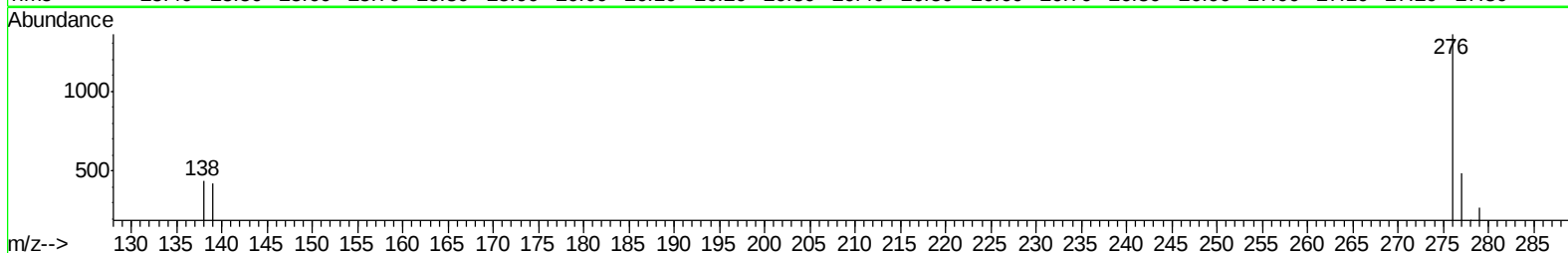
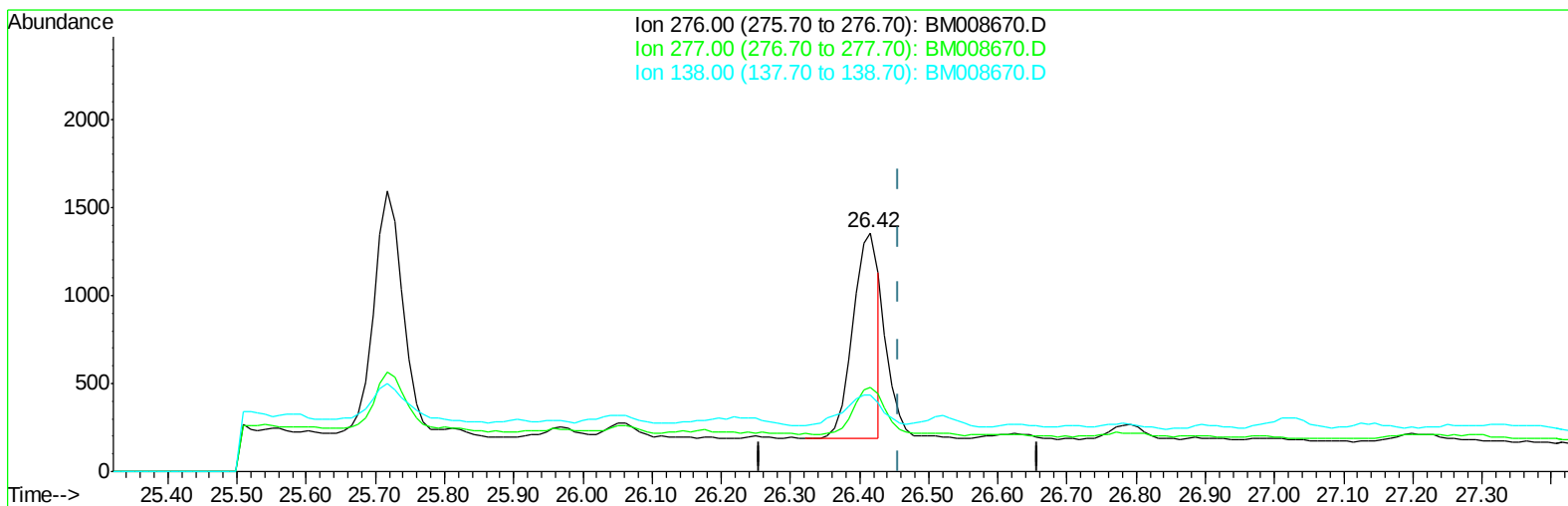
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:53:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(26) Benzo(g,h,i)perylene

26.416min (-0.041) 0.47ng/ul

response 2985

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	35.45#
138.00	25.60	32.13#
0.00	0.00	0.00

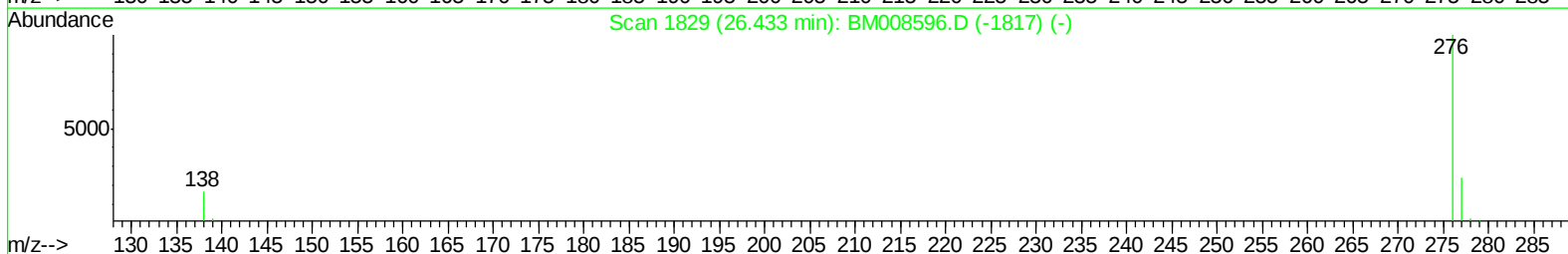
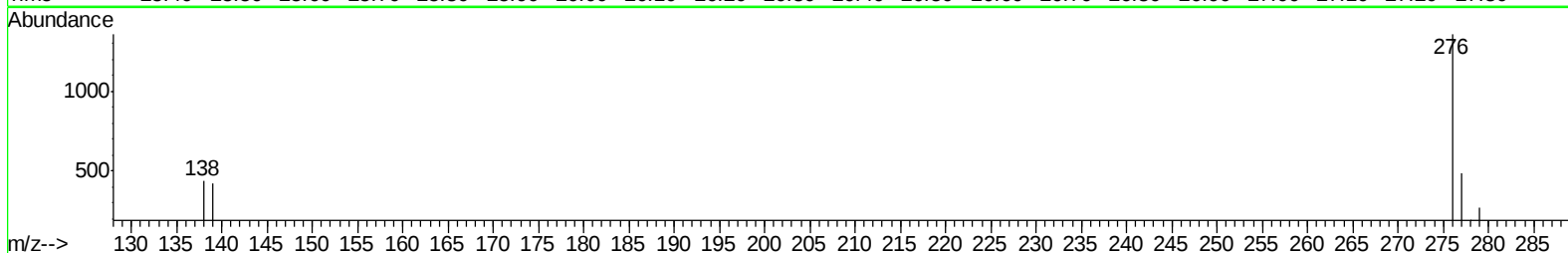
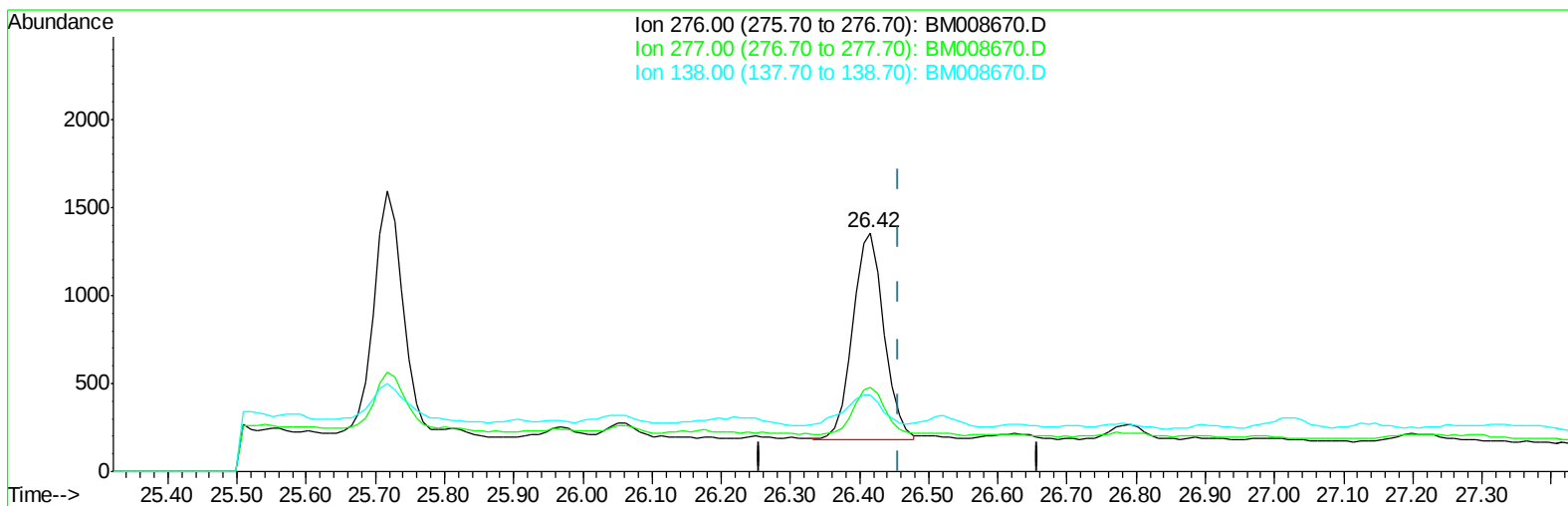
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 26 16:53:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(26) Benzo(g,h,i)perylene

26.416min (-0.041) 0.59ng/ul m

response 3730

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	35.45#
138.00	25.60	32.13#
0.00	0.00	0.00

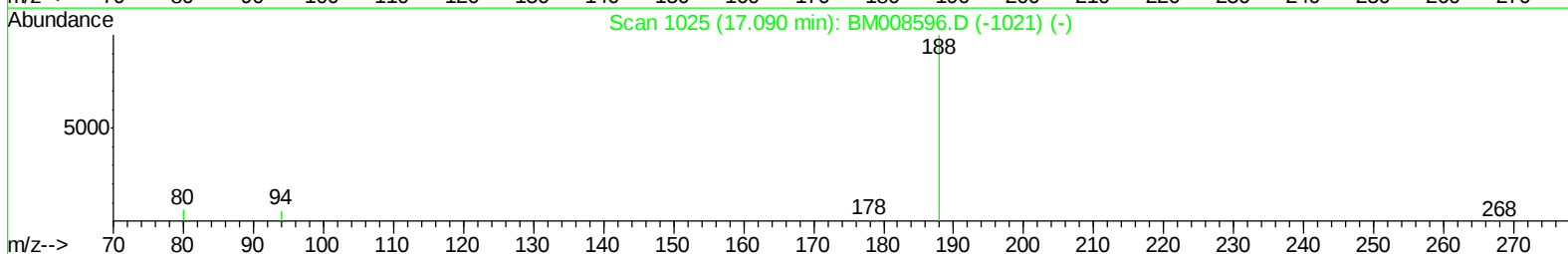
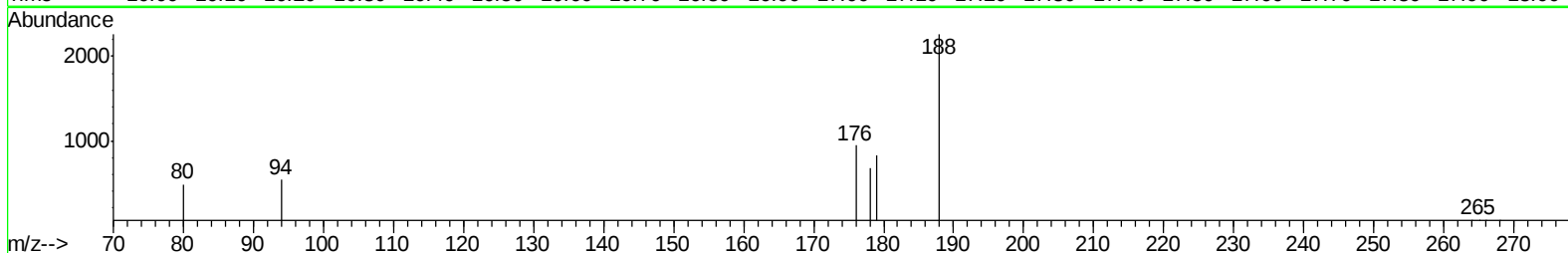
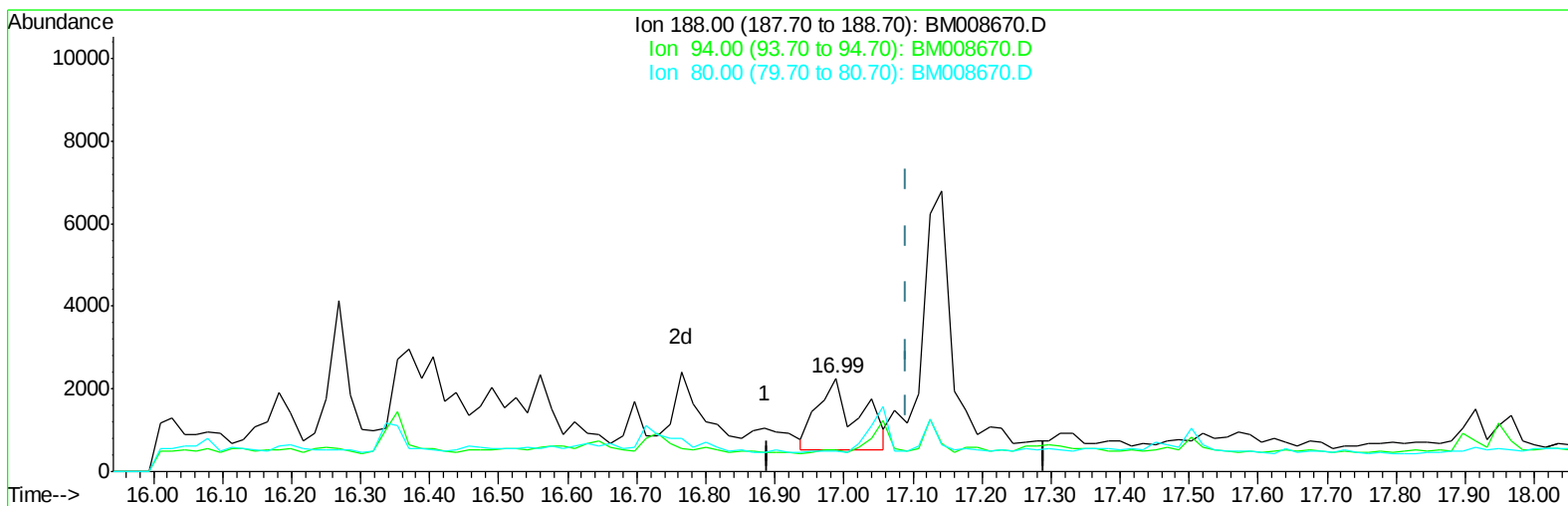
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Quant Time: Dec 26 16:55:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BM008670.D

(10) Phenanthrene-d10 (I)

16.988min (-0.102) 0.40ng/ul m

response 7229

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	23.72#
80.00	11.80	21.42#
0.00	0.00	0.00

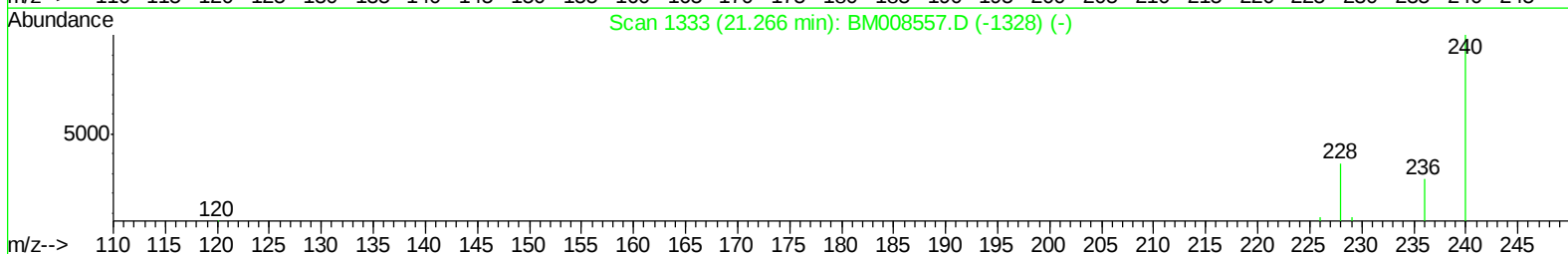
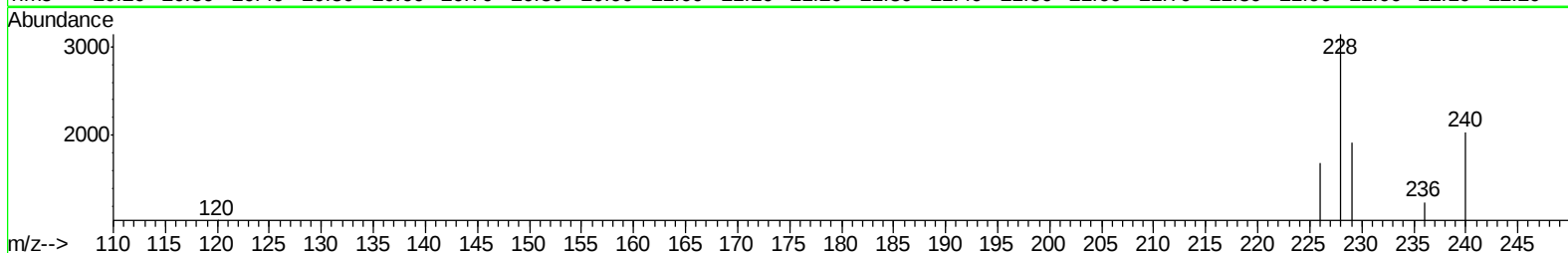
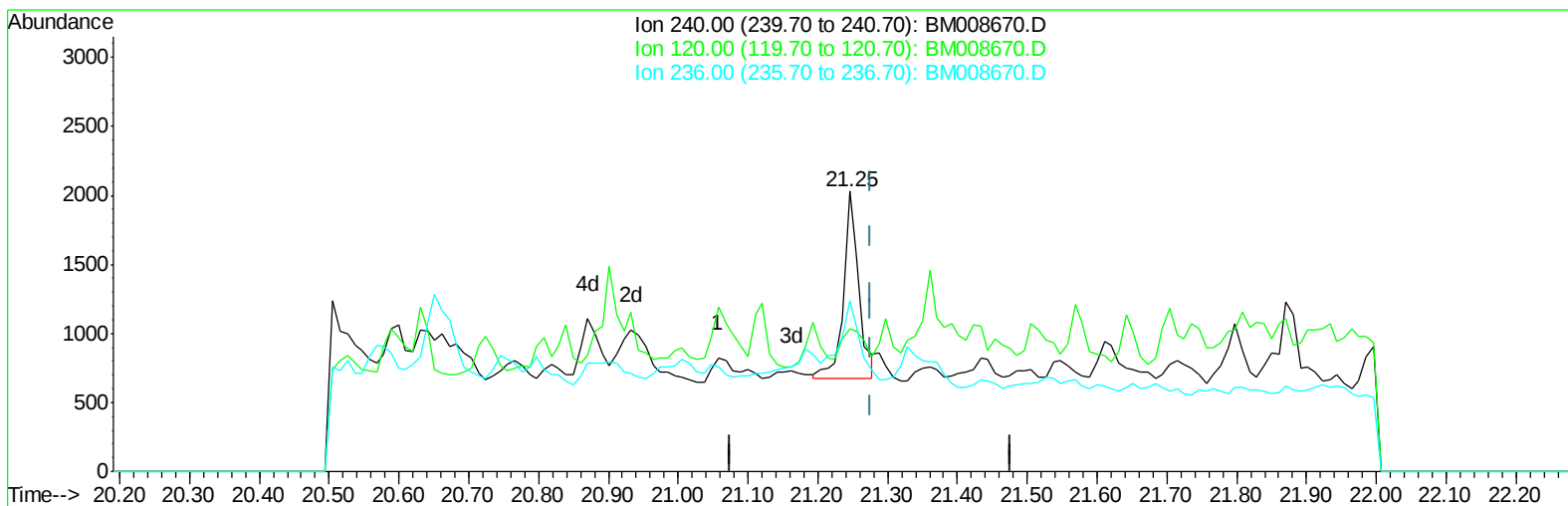
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
APPROVED

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12/26/2016 6:29:55 PM

Quant Time: Dec 26 16:57:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(16) Chrysene-d12 (I)

21.245min (-0.031) 0.40ng/ul m

response 2099

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	50.89#
236.00	34.90	61.07#
0.00	0.00	0.00

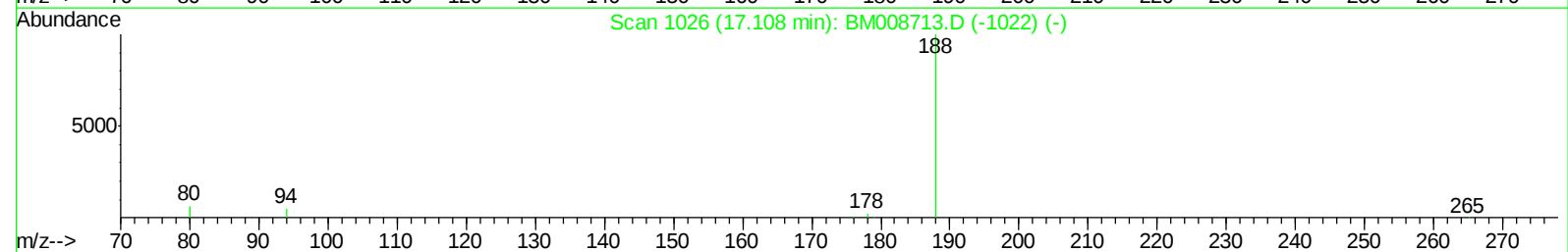
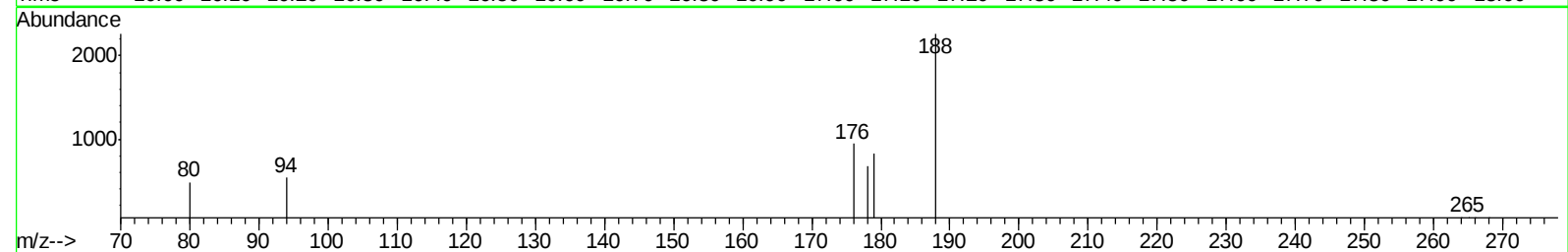
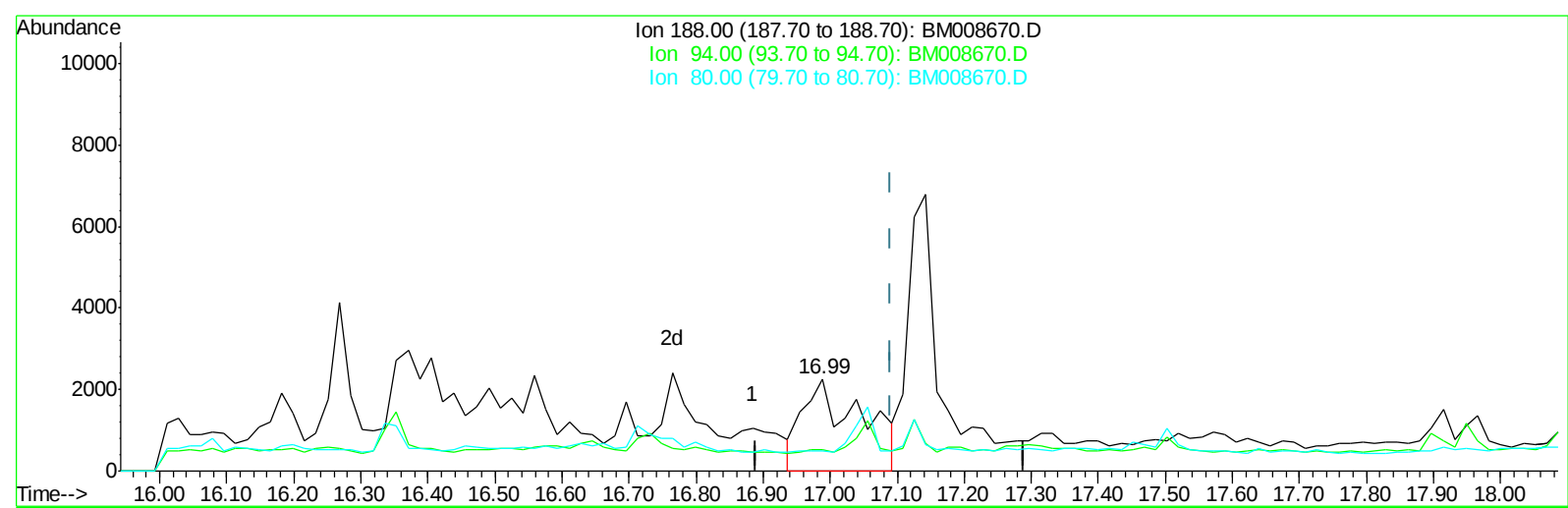
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
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Quant Time: Dec 30 10:10:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(10) Phenanthrene-d10 (I)

16.988min (-0.102) 0.40ng/ul m

response 13705

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	23.72#
80.00	11.80	21.42#
0.00	0.00	0.00

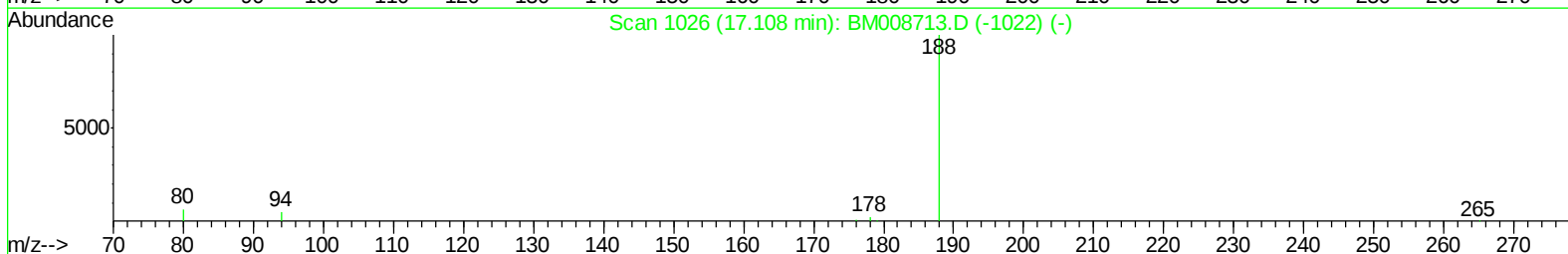
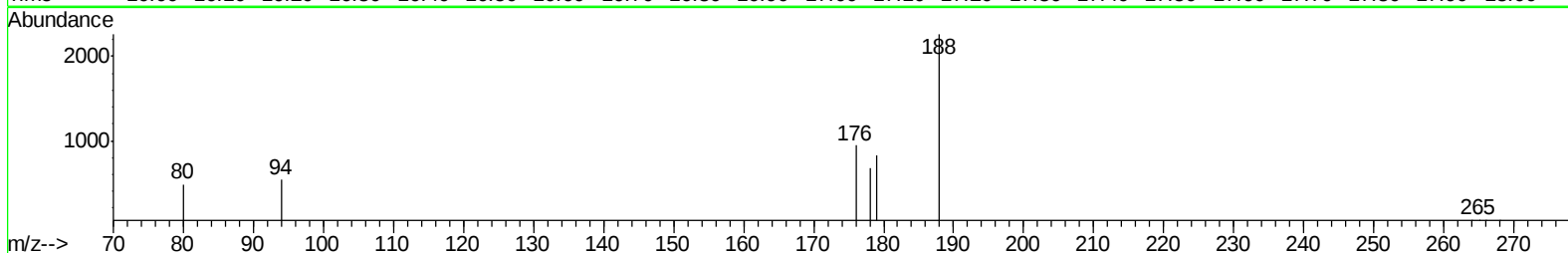
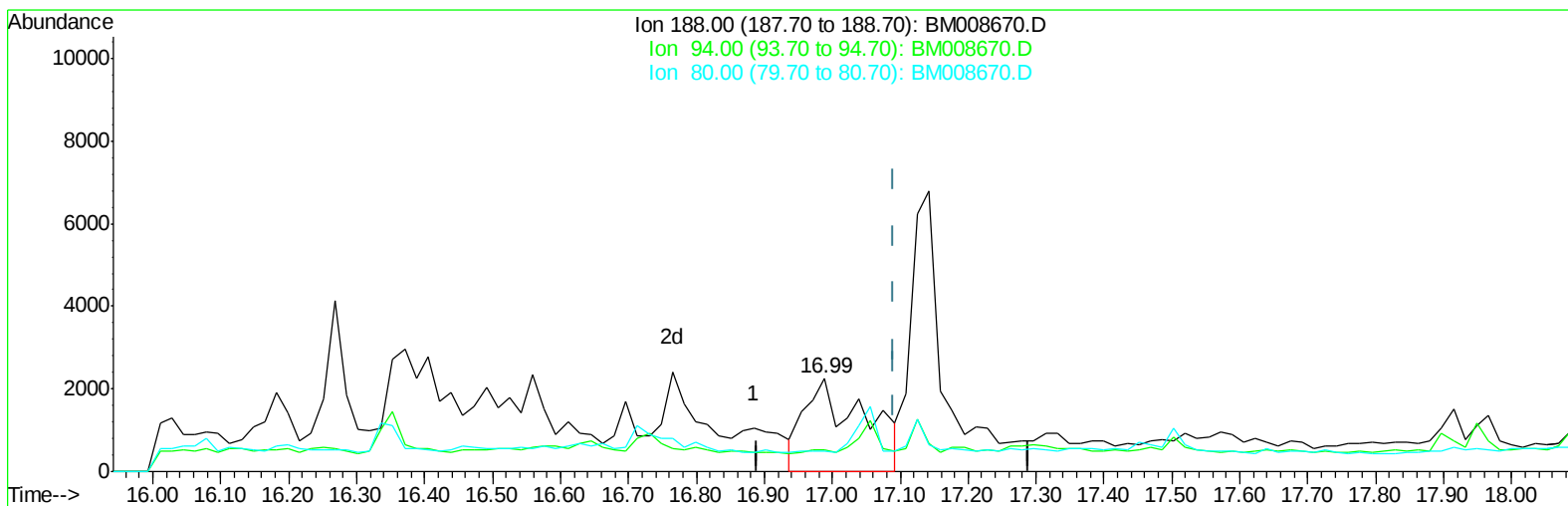
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
APPROVED

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12/26/2016 6:29:55 PM

Quant Time: Dec 30 10:10:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(10) Phenanthrene-d10 (I)

16.988min (-0.102) 0.40ng/ul m

response 13705

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	23.72#
80.00	11.80	21.42#
0.00	0.00	0.00

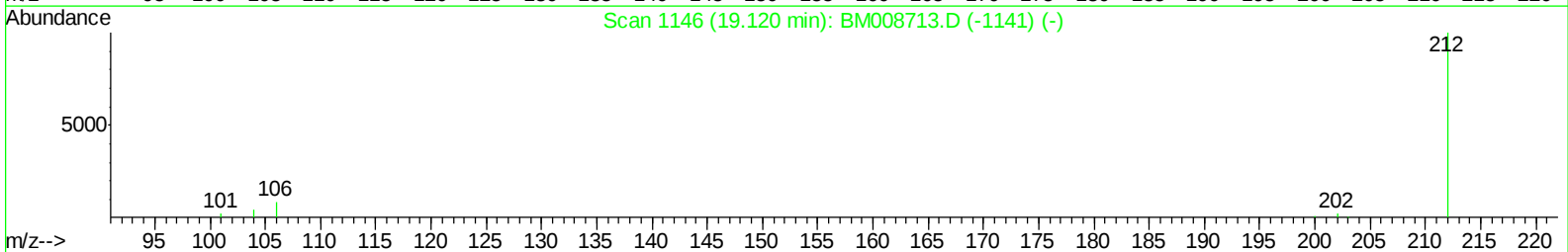
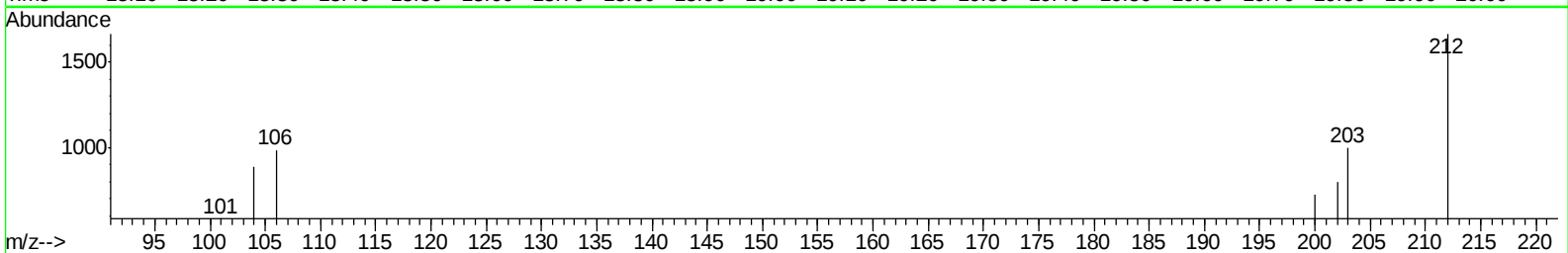
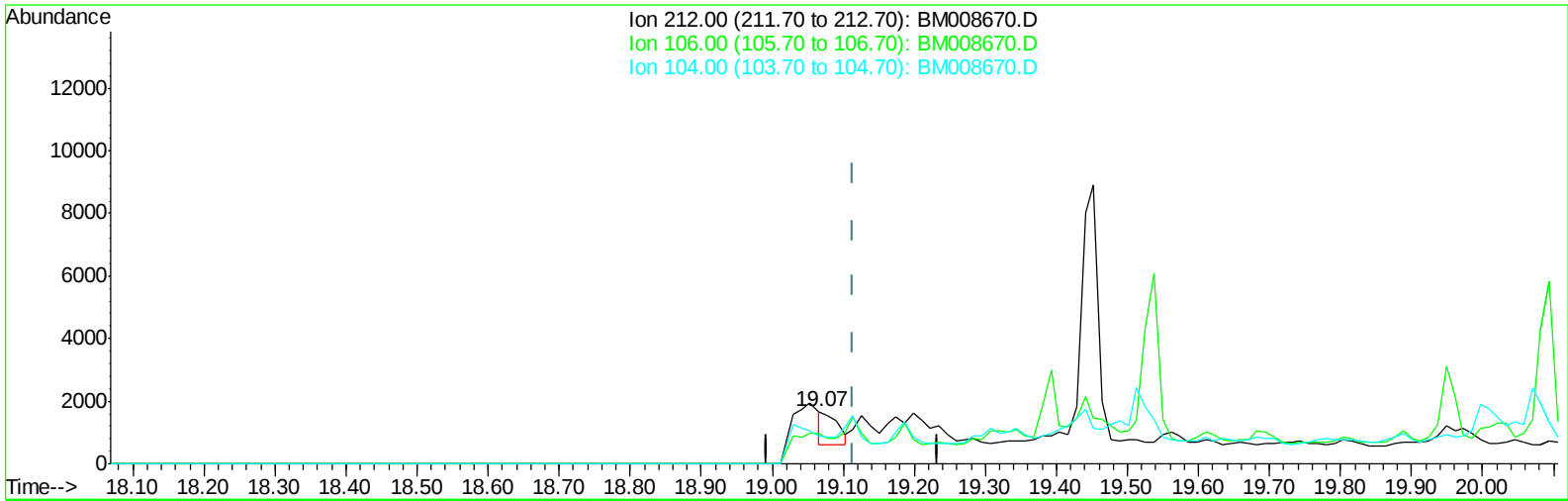
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:55 PM

Quant Time: Dec 30 10:10:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(14) Fluoranthene-d10 (SURR)

19.065min (-0.048) 0.04ng/ul m

response 1455

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

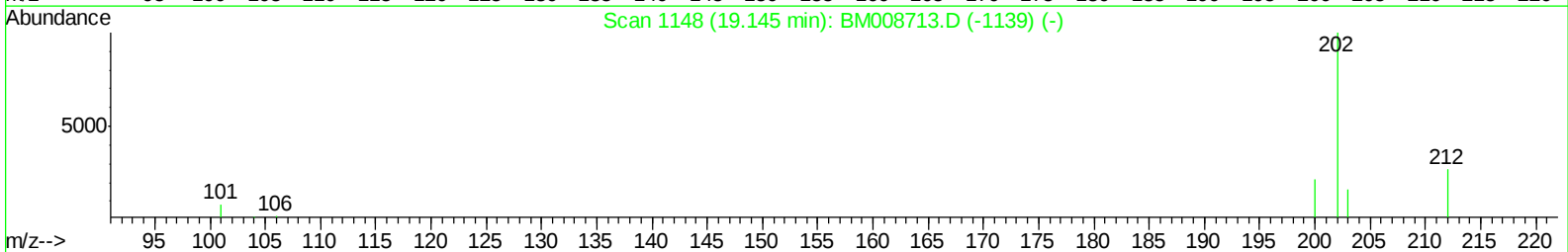
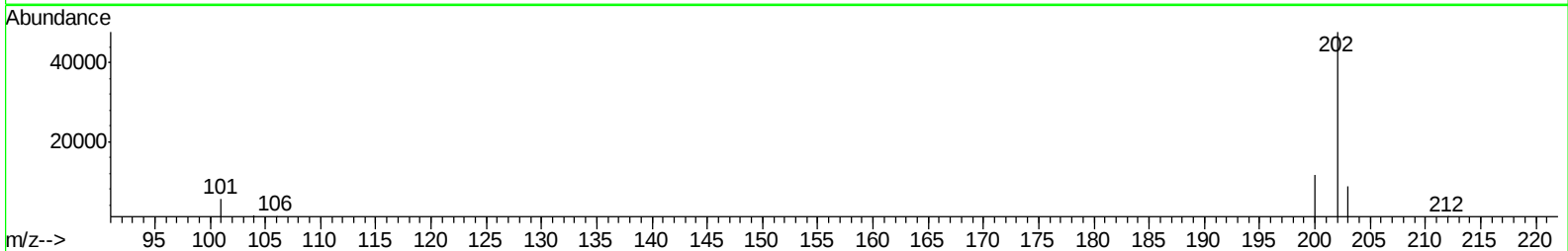
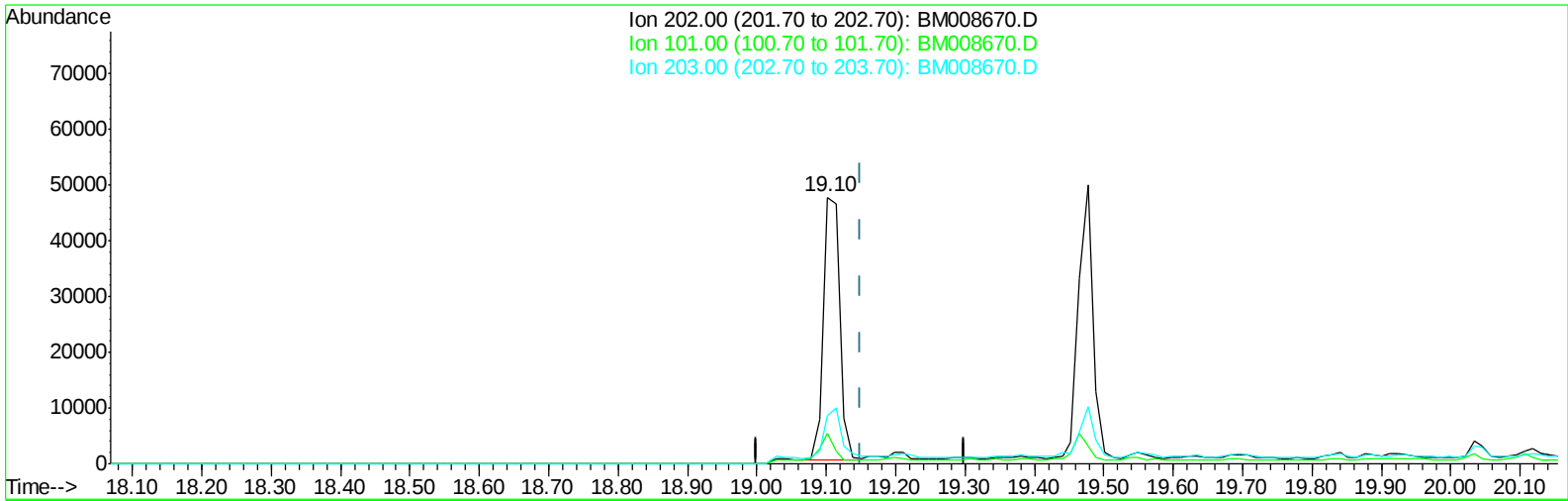
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008670.D
Acq On : 25 Dec 2016 14:19
Operator : UM/SJ
Sample : H5995-09DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA874DL

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:55 PM

Quant Time: Dec 30 10:10:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration



TIC: BM008670.D

(15) Fluoranthene (C)

19.102min (-0.048) 1.54ng/ul m

response 78857

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	11.21
203.00	19.50	18.14
0.00	0.00	0.00

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sohil
 12/26/2016 6:29:55 PM

Quant Time: Dec 30 10:14:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	488	0.40	ng/ul	-0.12
2) Naphthalene-d8	10.40	136	1877m	0.40	ng/ul	-0.11
6) Acenaphthene-d10	14.28	164	2234m	0.40	ng/ul	-0.05
10) Phenanthrene-d10	16.99	188	13705m	0.40	ng/ul	-0.10
16) Chrysene-d12	21.25	240	2099m	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1704m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	266m	0.09	ng/ul	-0.17
14) Fluoranthene-d10	19.07	212	1455m	0.04	ng/ul	-0.05
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	23044	4.36	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	98138	27.61	ng/ul	98
7) Acenaphthylene	14.00	152	6160m	0.61	ng/ul	
8) Acenaphthene	14.35	153	7774m	1.02	ng/ul	
9) Fluorene	15.34	166	7864m	0.91	ng/ul	
12) Phenanthrene	17.07	178	126813m	3.03	ng/ul	
15) Fluoranthene	19.10	202	78857m	1.54	ng/ul	
17) Pyrene	19.48	202	71653m	8.83	ng/ul	
18) Benzo(a)anthracene	21.22	228	16587m	2.41	ng/ul	
19) Chrysene	21.28	228	19261m	2.55	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	17074	2.54	ng/ul	96
22) Benzo(k)fluoranthene	22.83	252	5191m	0.79	ng/ul	
23) Benzo(a)pyrene	23.38	252	6782	1.09	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.72	276	4149m	0.56	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	1492m	0.25	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	3730m	0.59	ng/ul	

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

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