

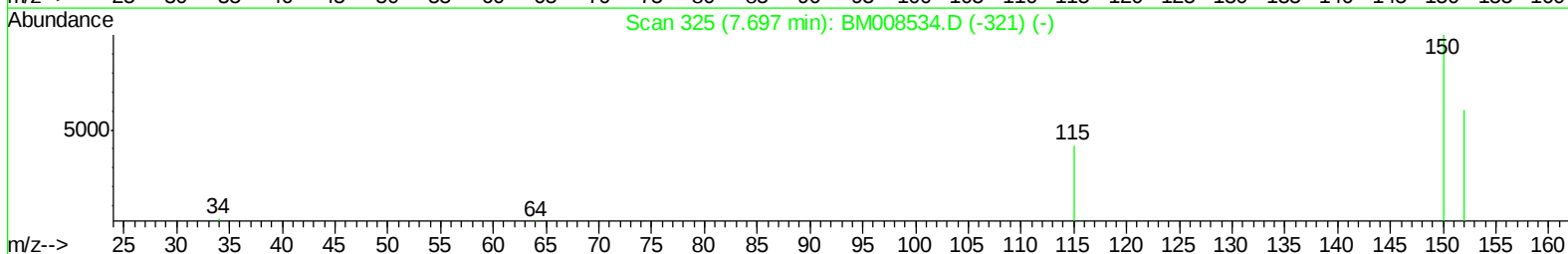
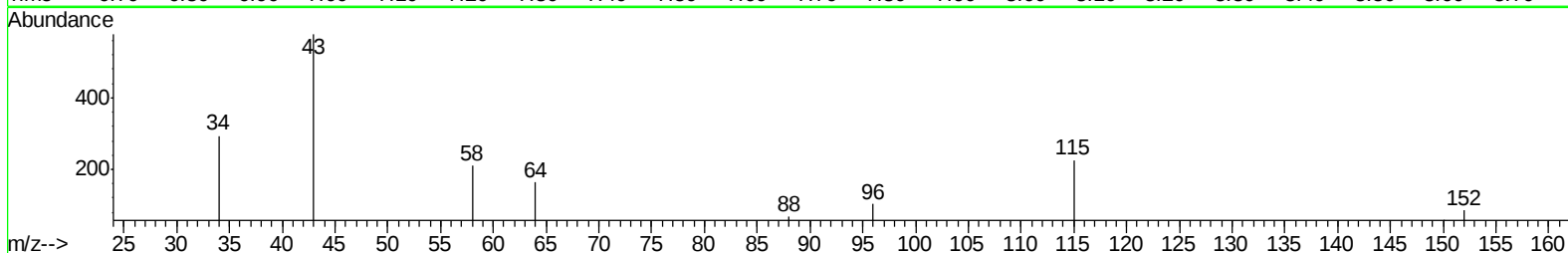
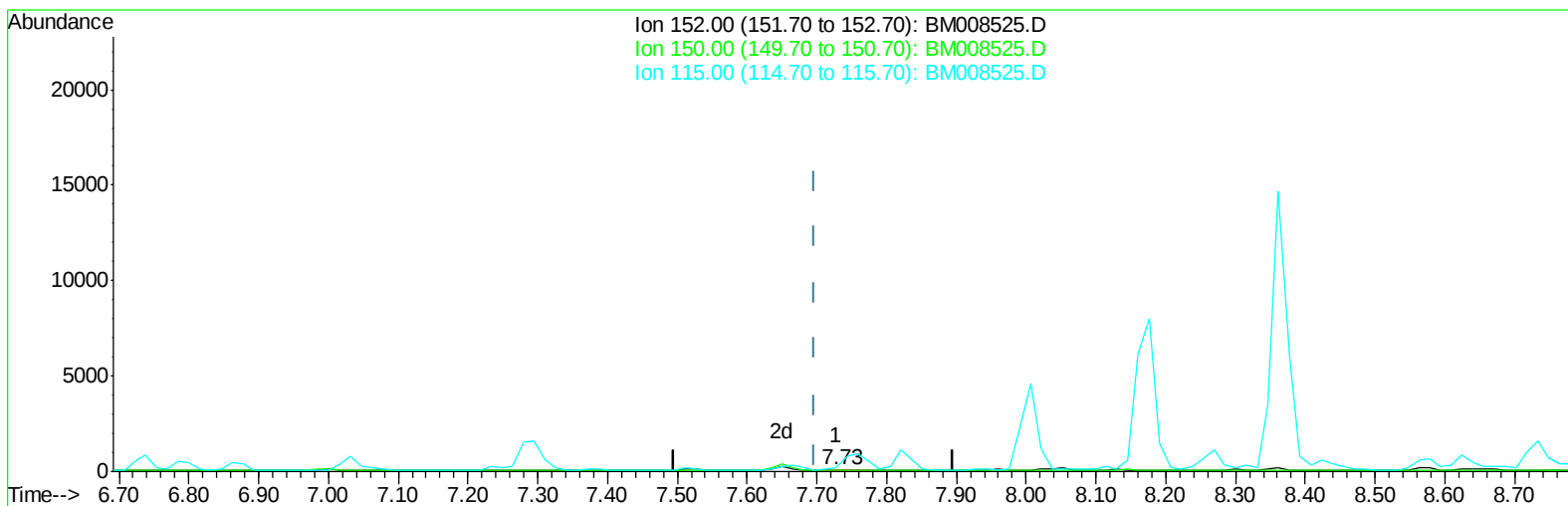
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:21:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.728min (+0.031) 0.40ng/ul

response 46

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	67.86#
115.00	64.90	269.05#
0.00	0.00	0.00

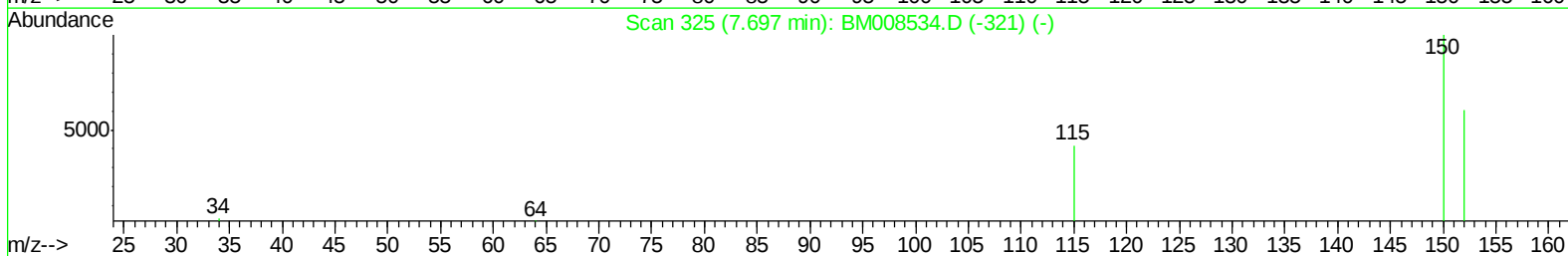
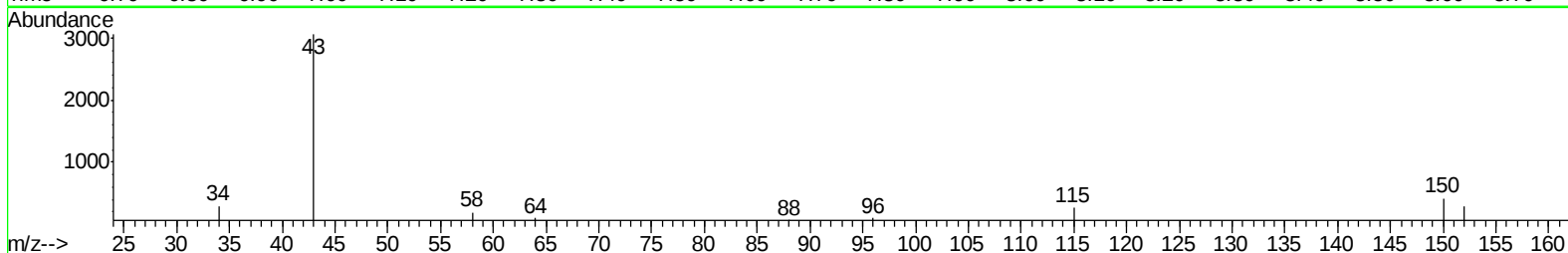
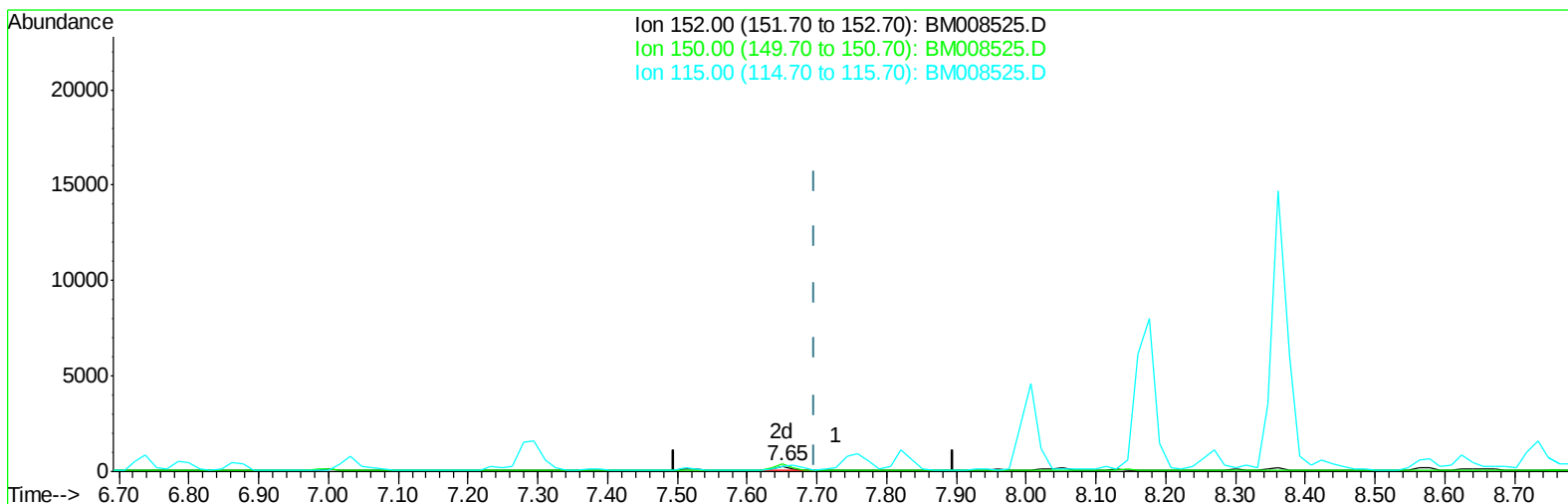
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:21:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.650min (-0.046) 0.40ng/ul m

response 489

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	143.64
115.00	64.90	89.00#
0.00	0.00	0.00

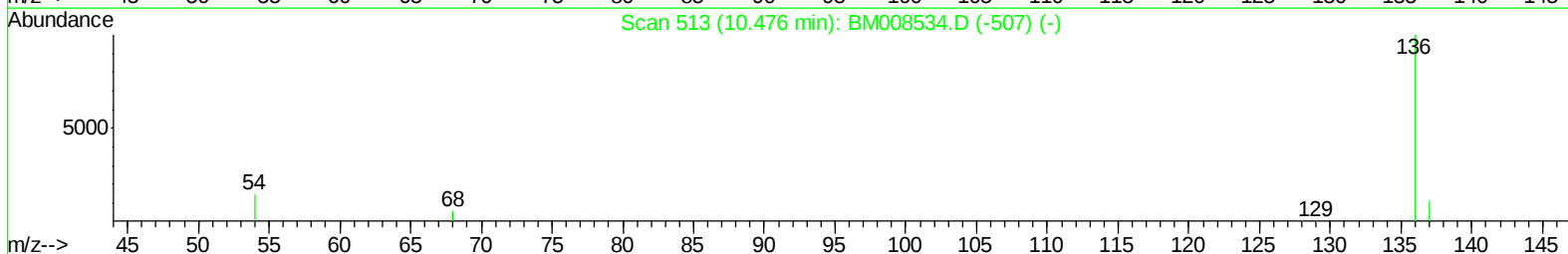
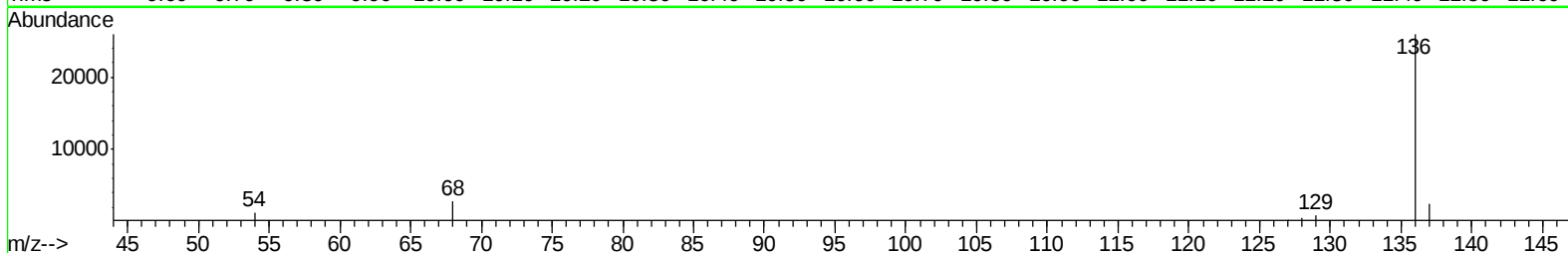
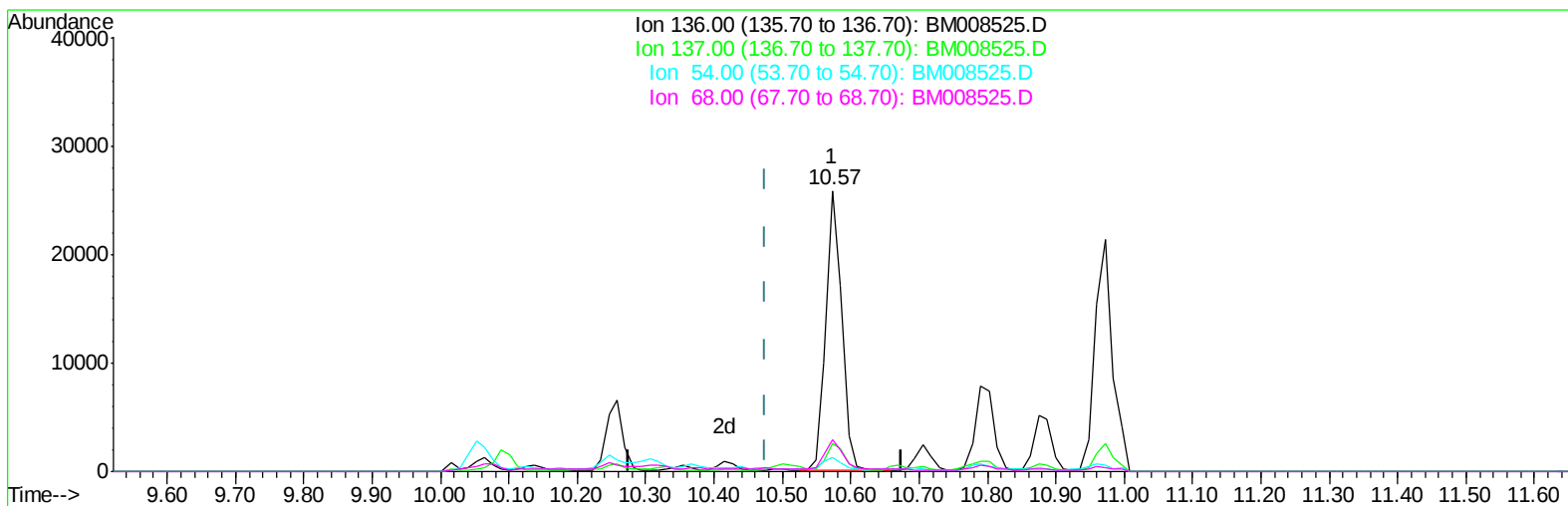
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:22:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(2) Naphthalene-d8 (I)

10.573min (+0.097) 0.40ng/ul

response 41867

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	9.83#
54.00	15.50	5.11#
68.00	9.90	11.17

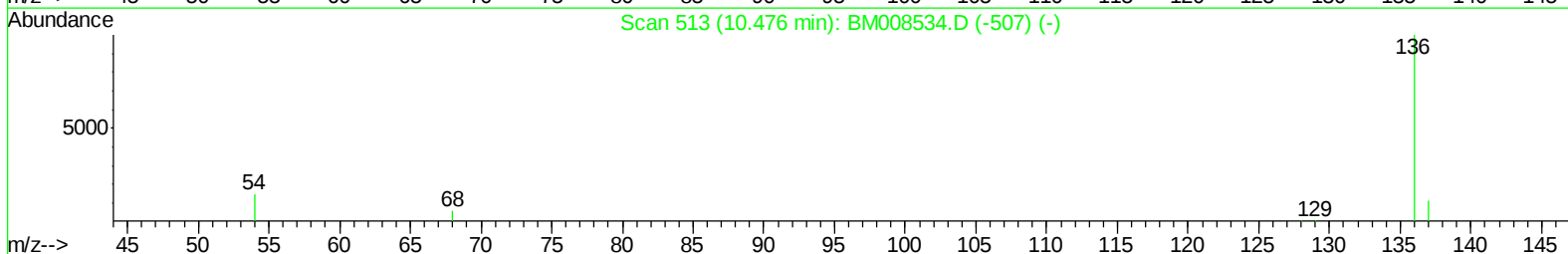
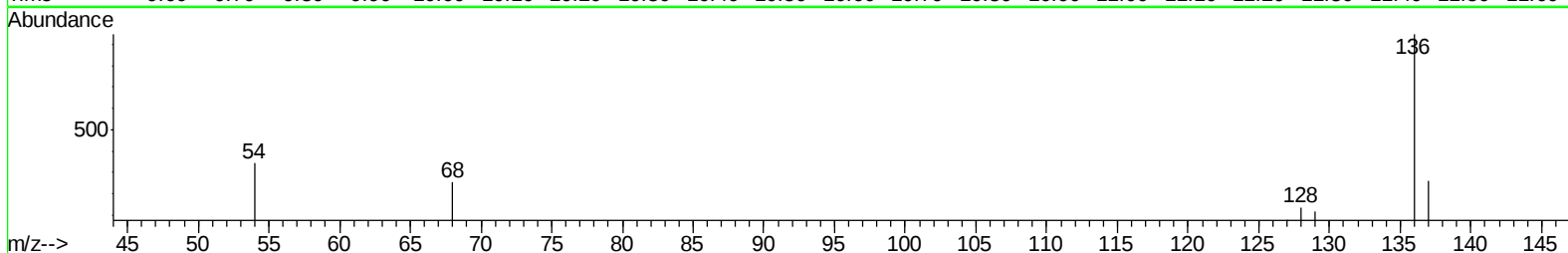
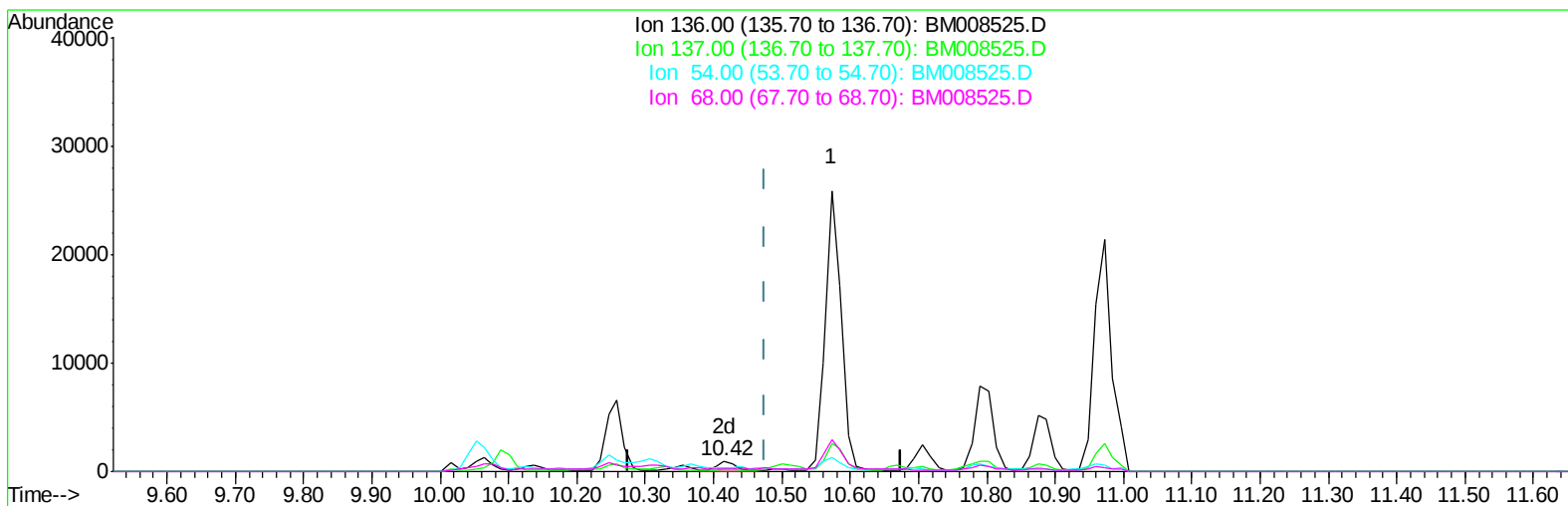
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:22:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(2) Naphthalene-d8 (I)

10.415min (-0.060) 0.40ng/ul m

response 1630

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	27.46#
54.00	15.50	36.22#
68.00	9.90	26.72#

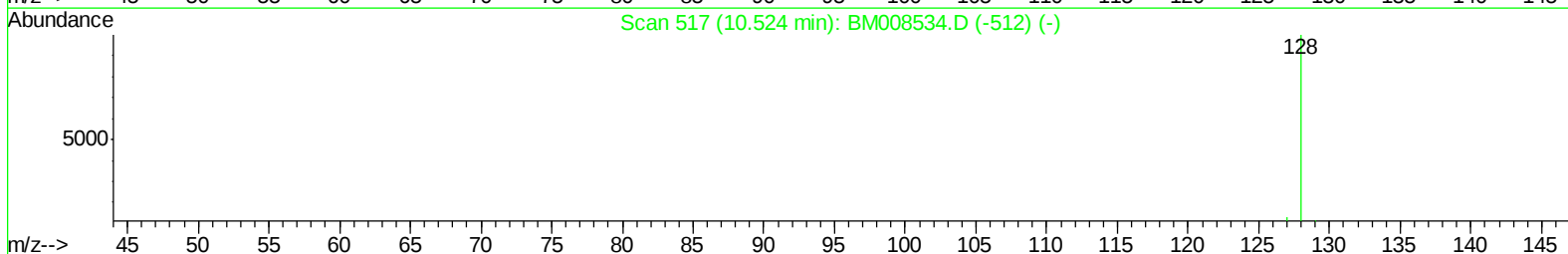
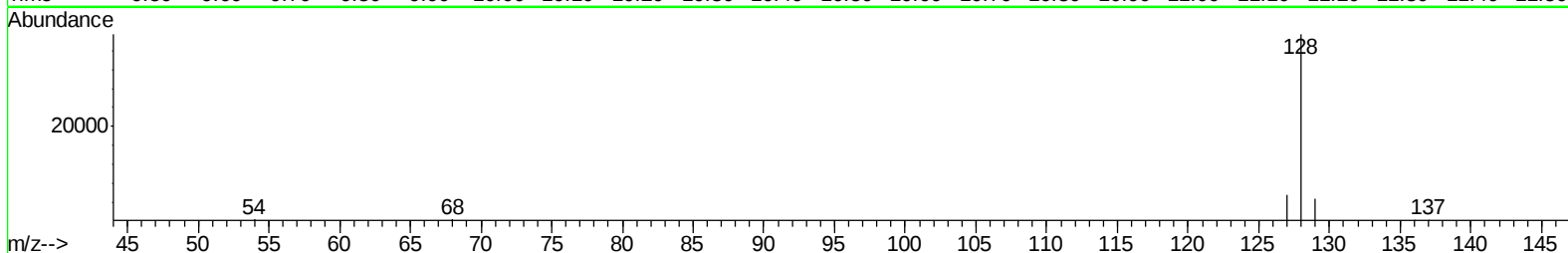
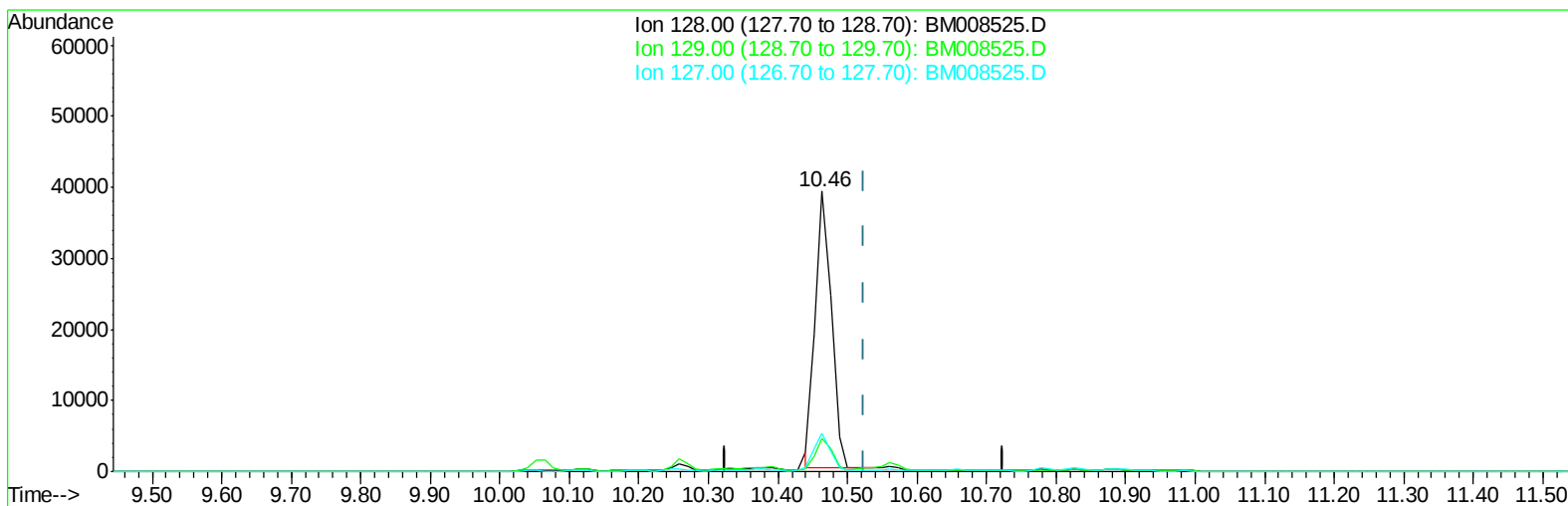
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:23:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(3) Naphthalene

10.464min (-0.060) 13.71ng/ul

response 62887

Ion	Exp%	Act%
128.00	100	100
129.00	14.10	11.69
127.00	16.00	13.68
0.00	0.00	0.00

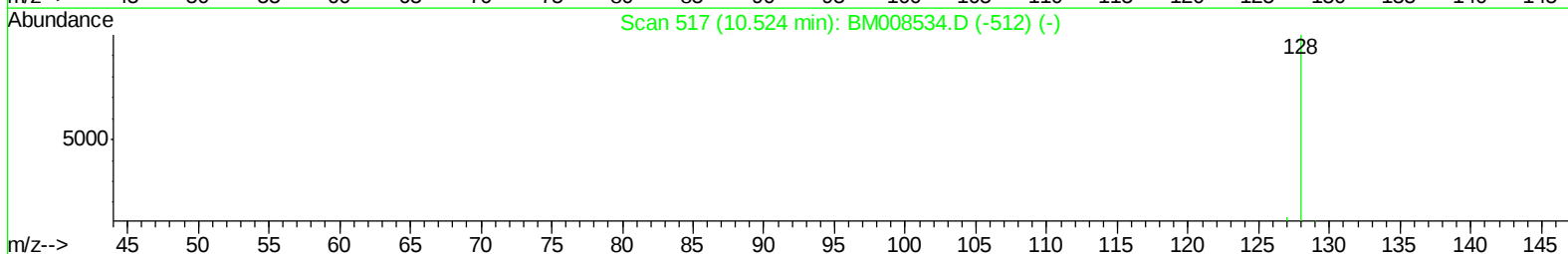
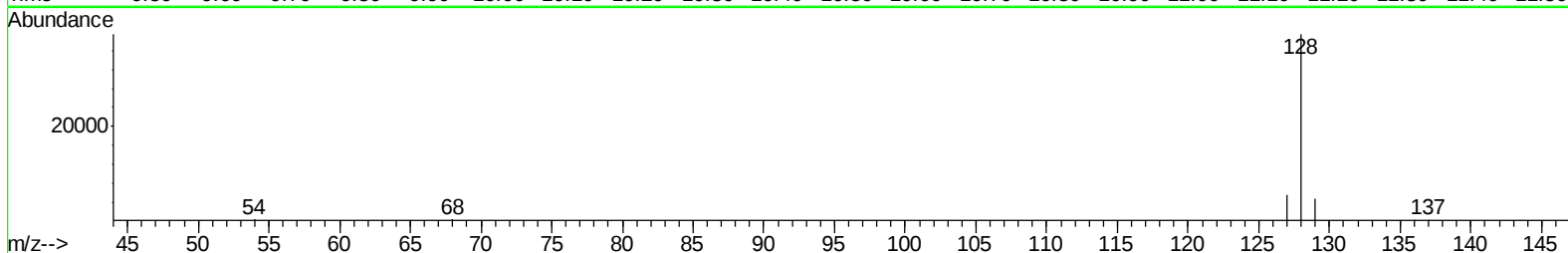
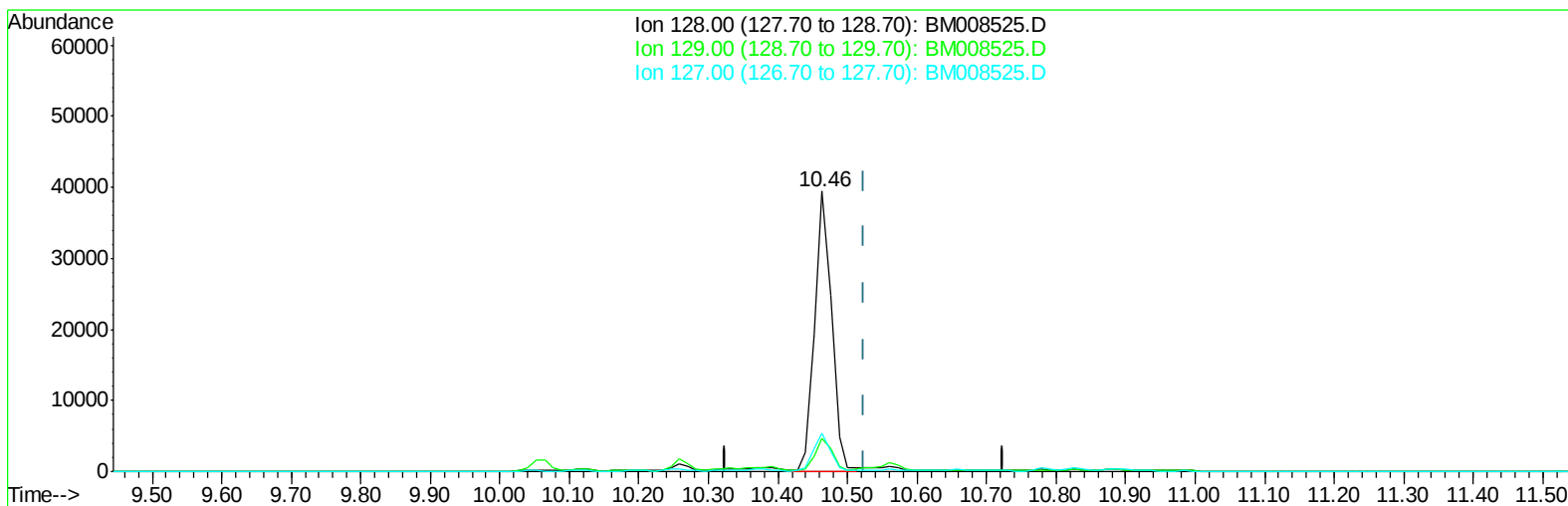
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:23:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(3) Naphthalene

10.464min (-0.060) 14.60ng/ul m

response 66963

Ion	Exp%	Act%
128.00	100	100
129.00	14.10	11.69
127.00	16.00	13.68
0.00	0.00	0.00

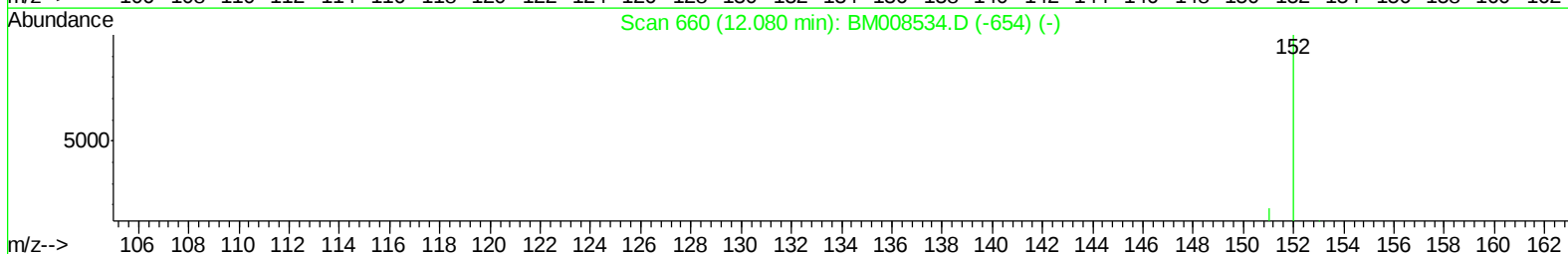
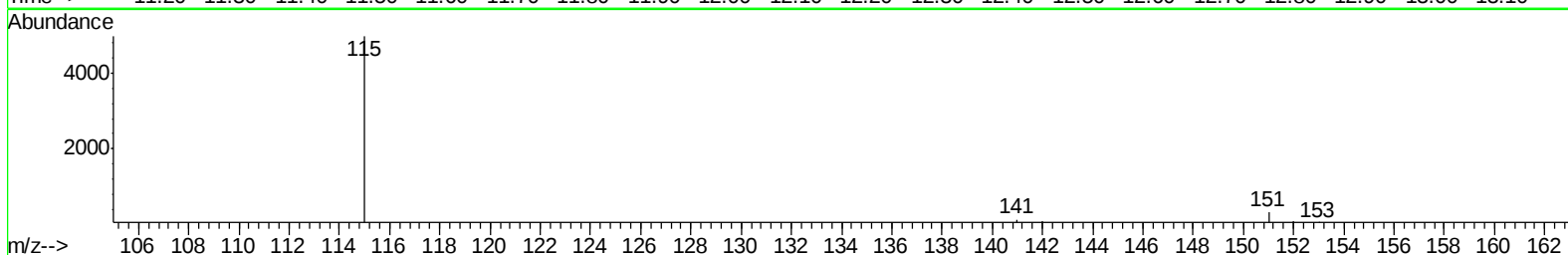
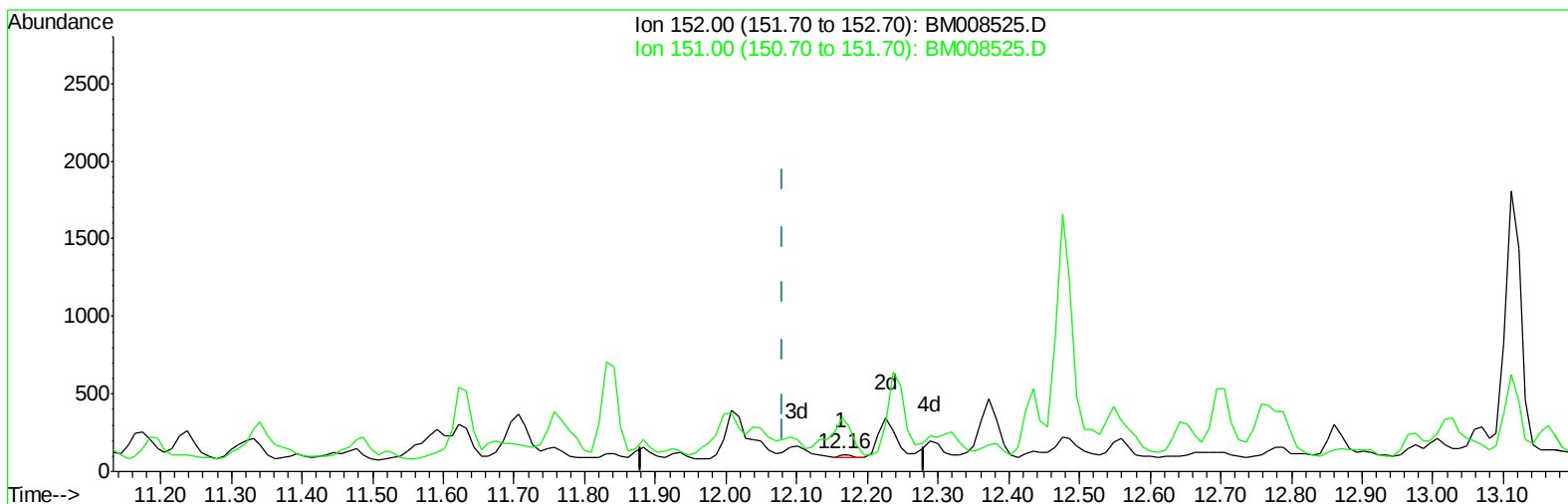
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:23:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.163min (+0.083) 0.01ng/ul

response 26

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	2192.31#
0.00	0.00	0.00
0.00	0.00	0.00

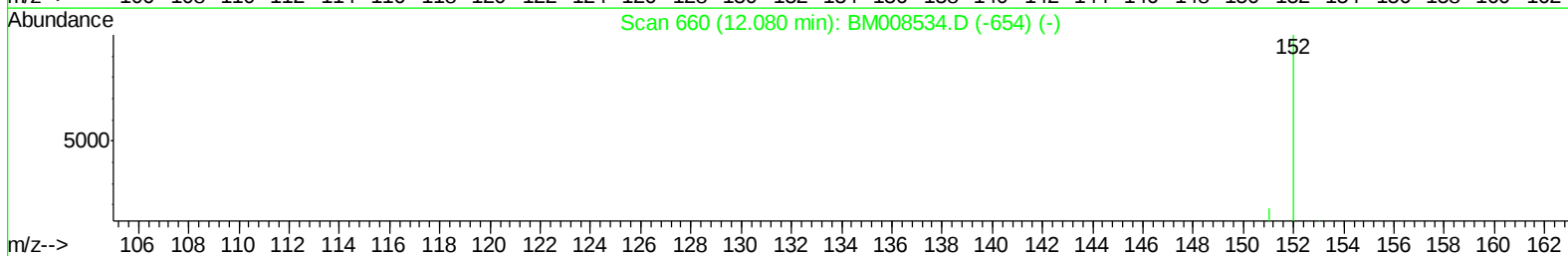
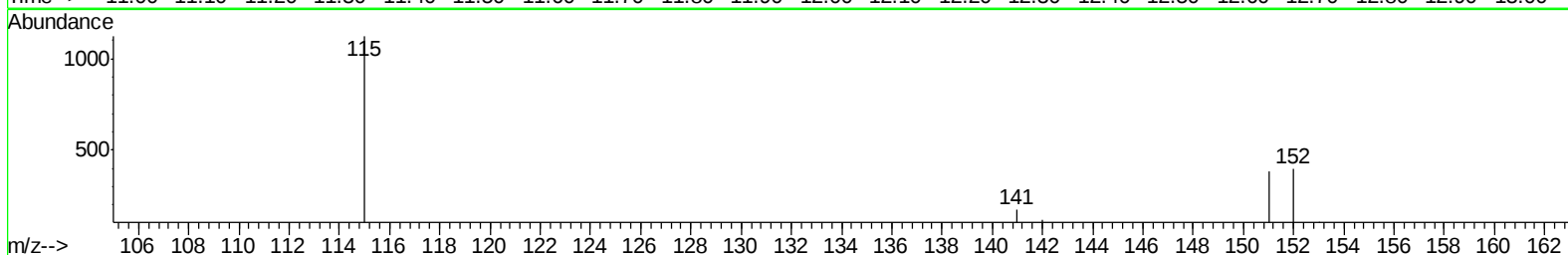
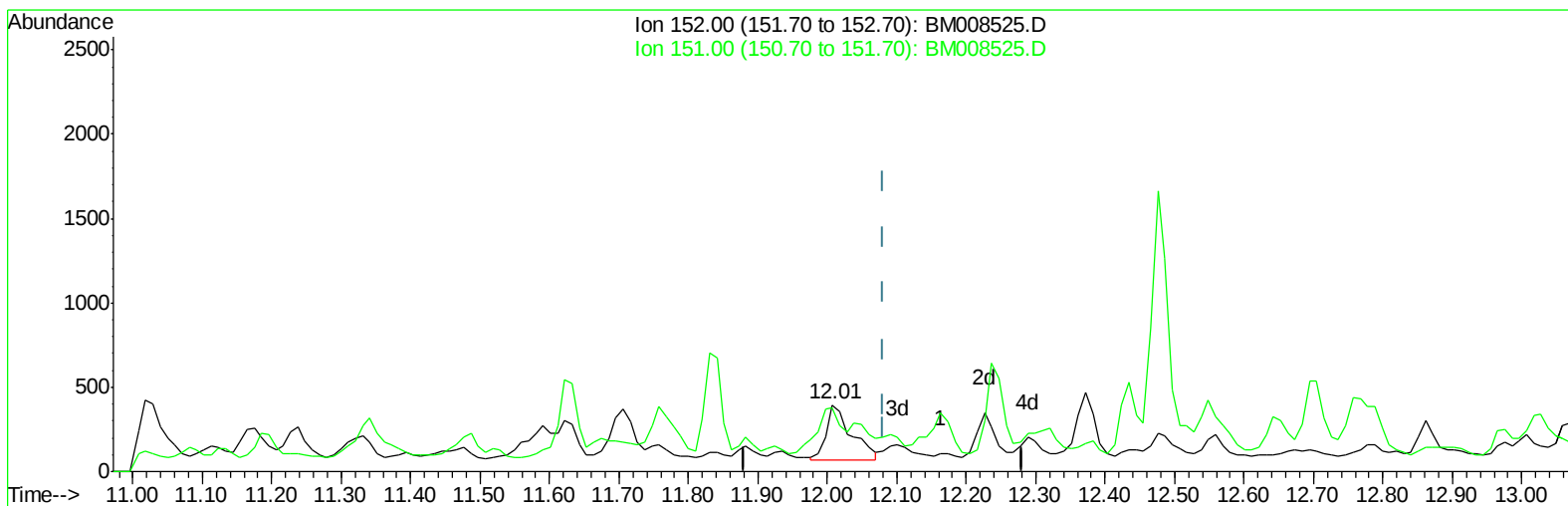
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008525.D
 Acq On : 21 Dec 2016 20:00
 Operator : UM/SJ
 Sample : H5995-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA885

Manual Integrations
 APPROVED

Sohil
 12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:23:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration



TIC: BM008525.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.007min (-0.073) 0.34ng/ul m

response 848

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	67.22#
0.00	0.00	0.00
0.00	0.00	0.00

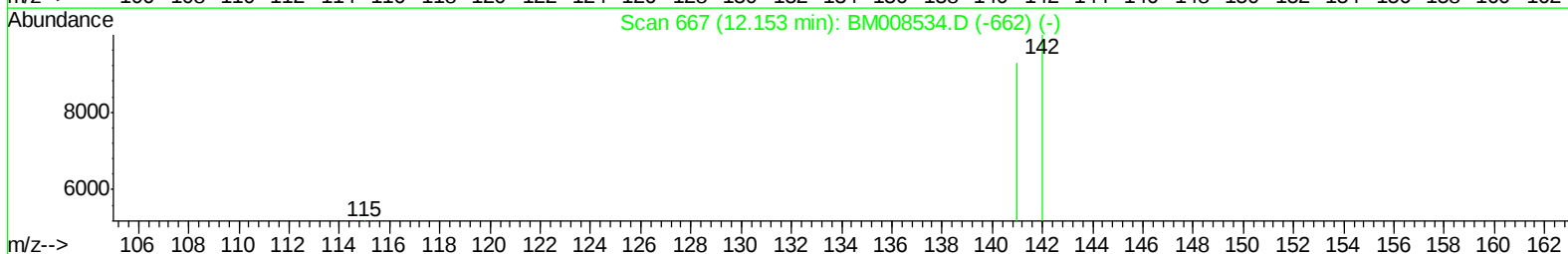
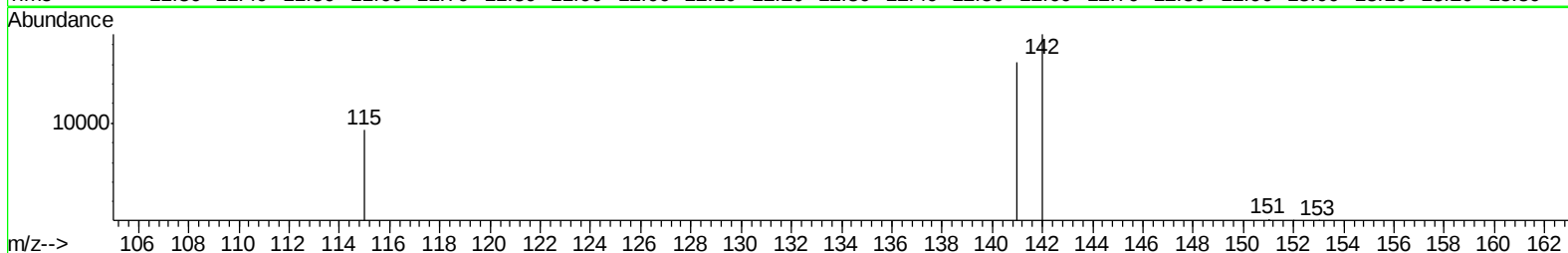
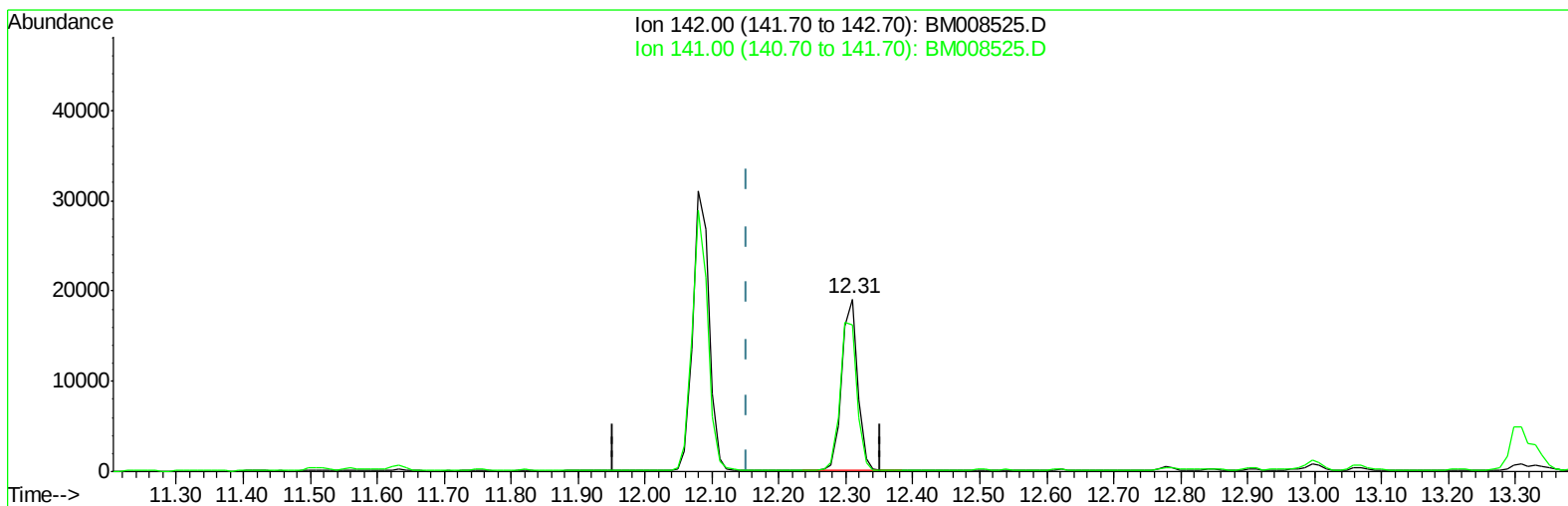
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:23:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(5) 2-Methylnaphthalene

12.309min (+0.156) 10.16ng/ul

response 31358

Ion	Exp%	Act%
142.00	100	100
141.00	90.70	91.77
0.00	0.00	0.00
0.00	0.00	0.00

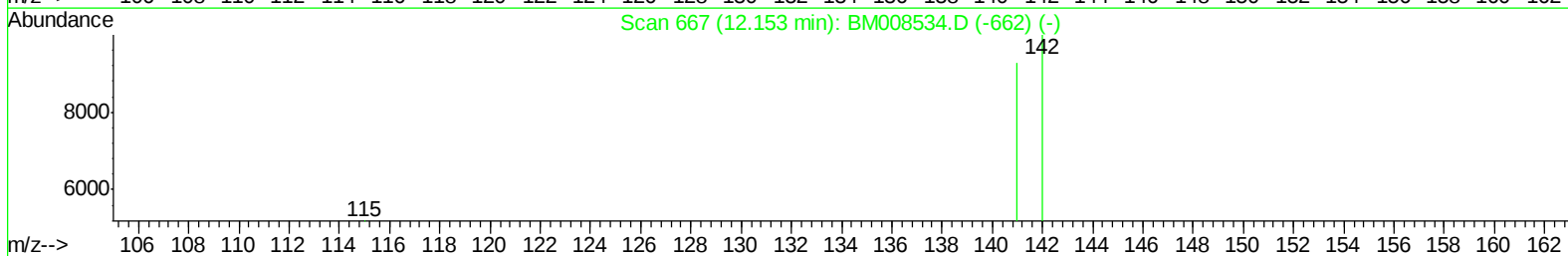
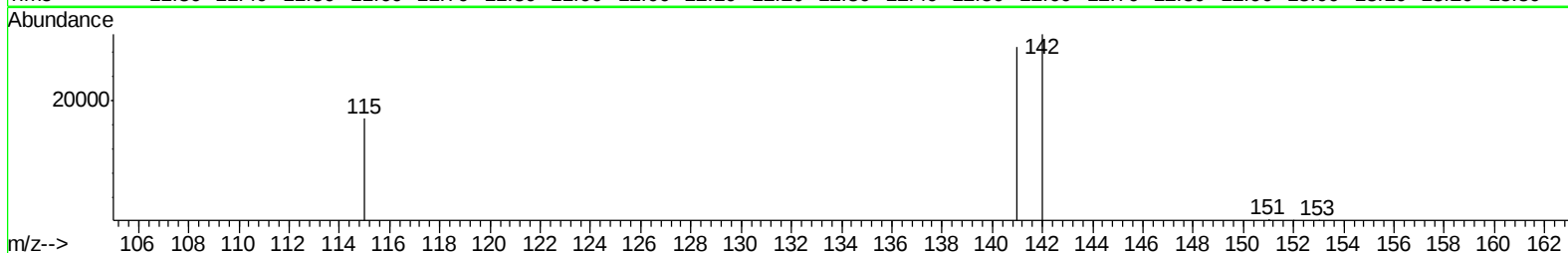
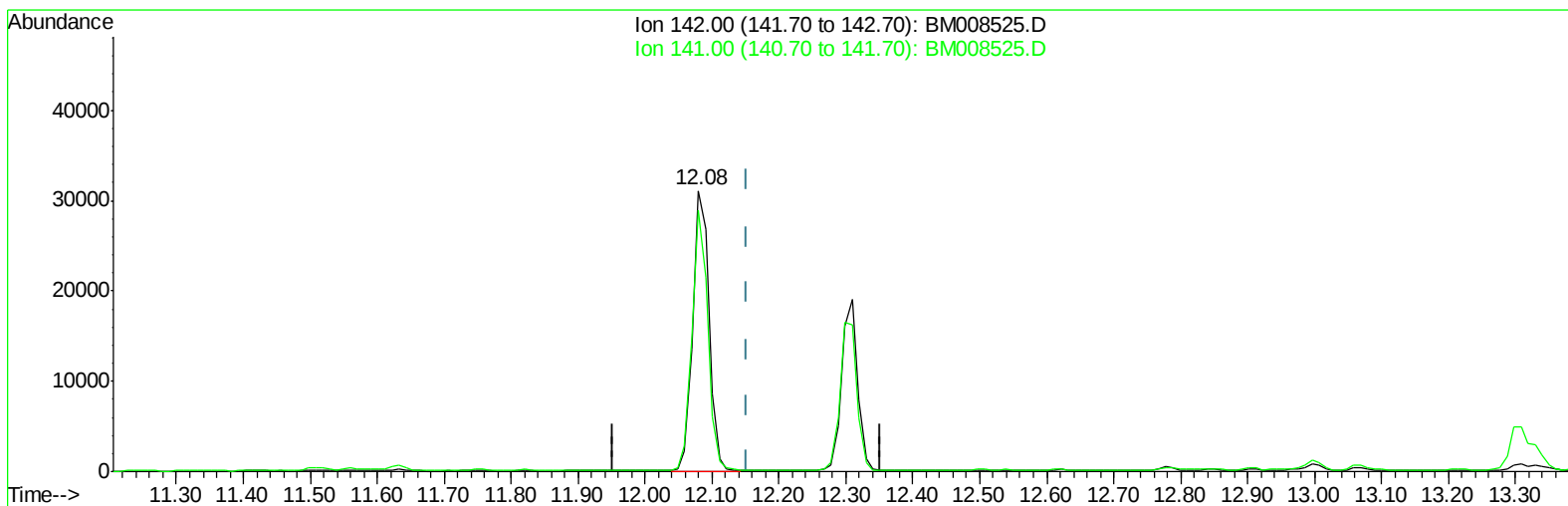
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:23:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(5) 2-Methylnaphthalene

12.080min (-0.073) 17.11ng/ul m

response 52818

Ion	Exp%	Act%
142.00	100	100
141.00	90.70	54.48#
0.00	0.00	0.00
0.00	0.00	0.00

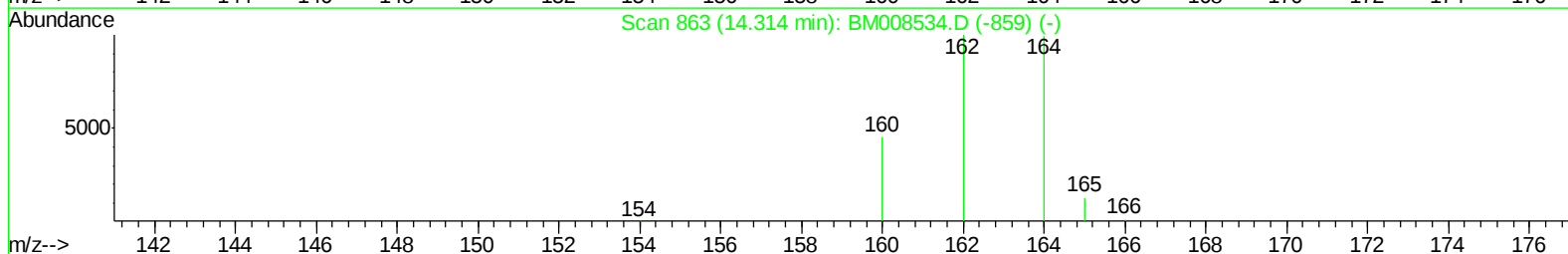
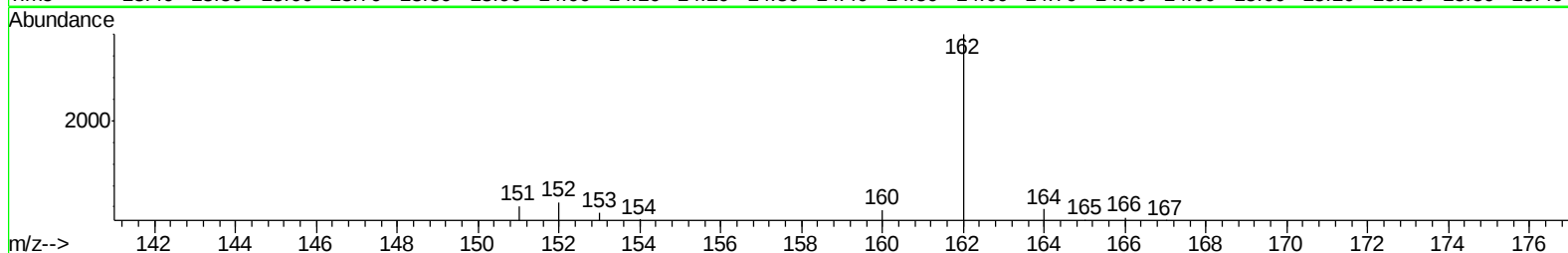
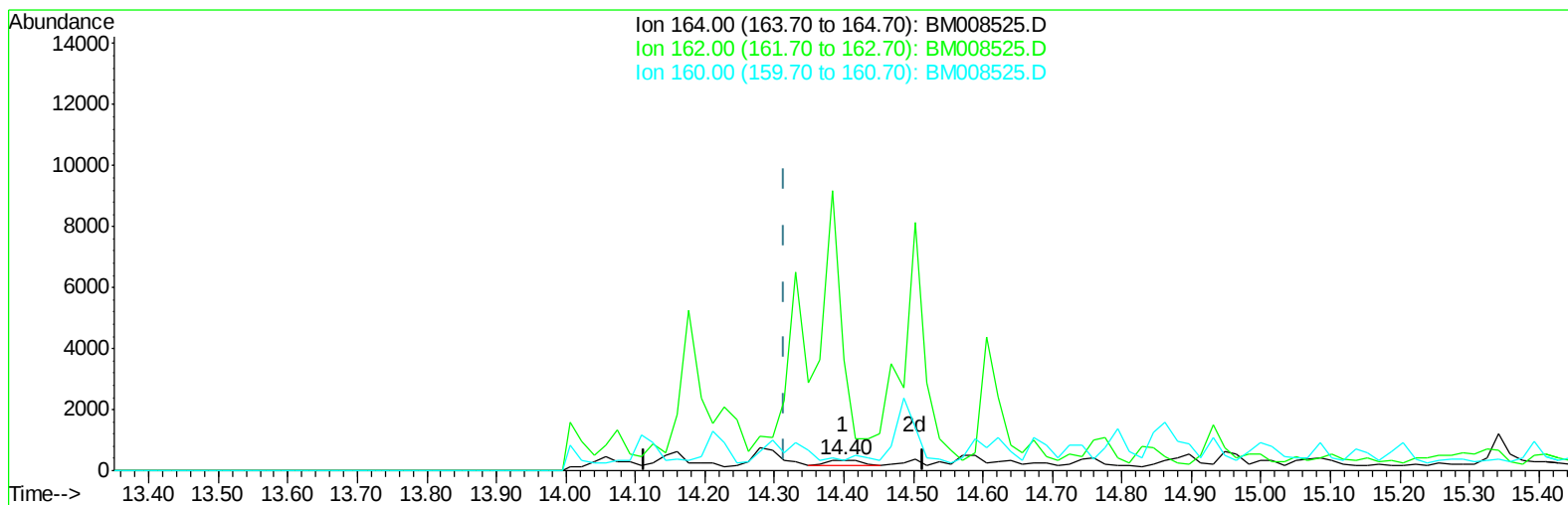
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:23:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(6) Acenaphthene-d10 (I)
14.400min (+0.086) 0.40ng/ul
response 594

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	1025.85#
160.00	48.80	99.15#
0.00	0.00	0.00

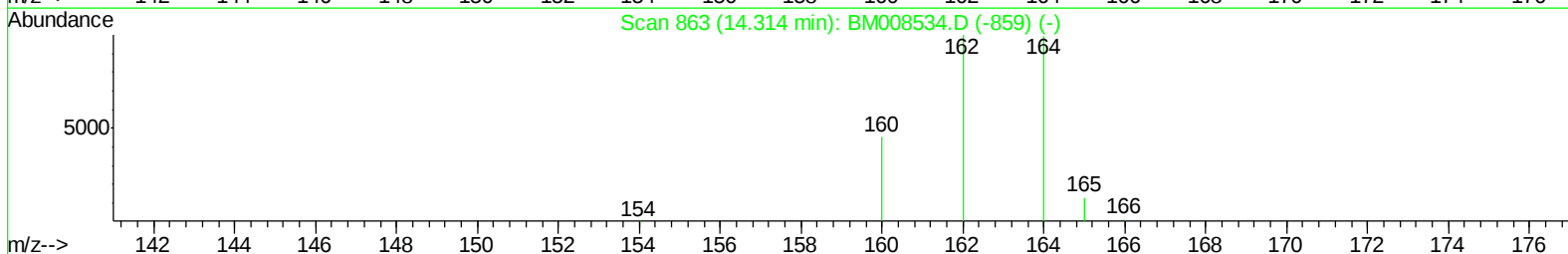
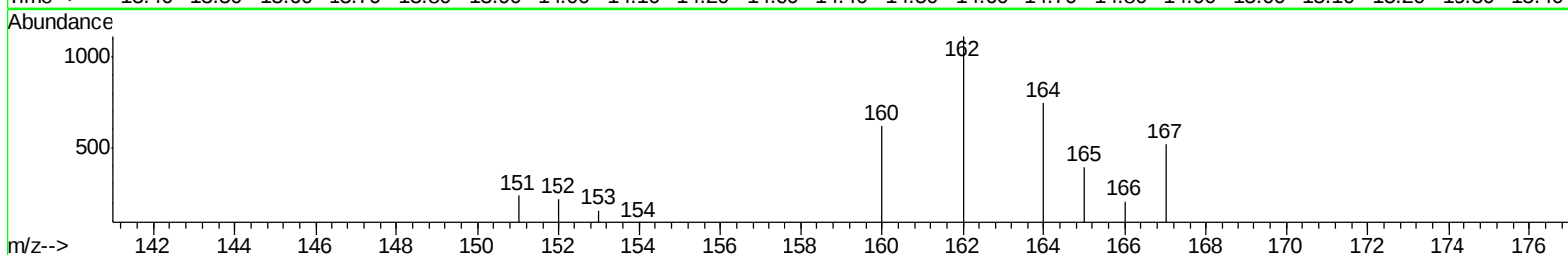
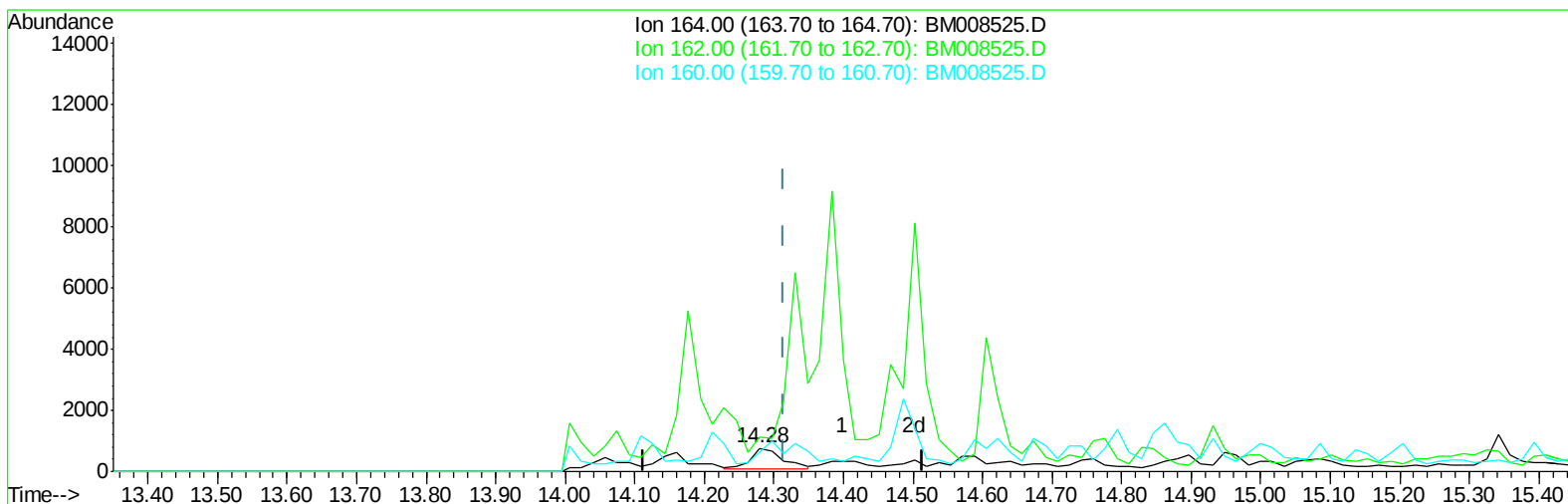
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:23:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(6) Acenaphthene-d10 (I)

14.280min (-0.034) 0.40ng/ul m

response 2216

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	147.94#
160.00	48.80	83.22#
0.00	0.00	0.00

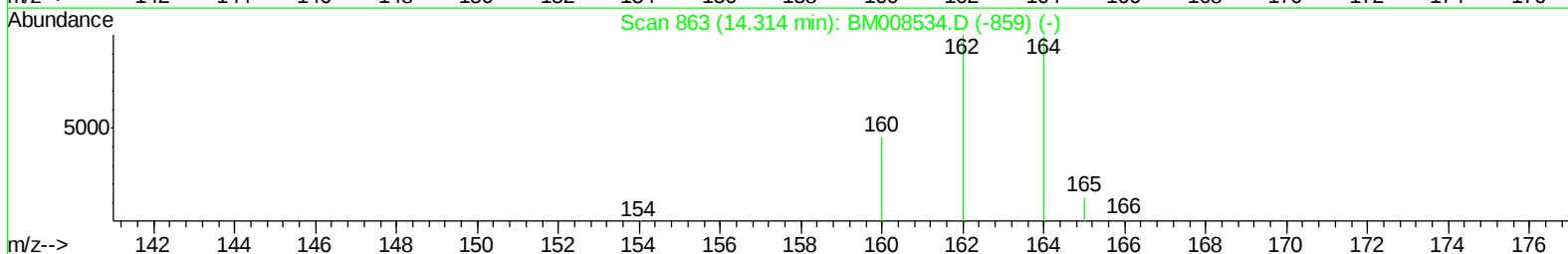
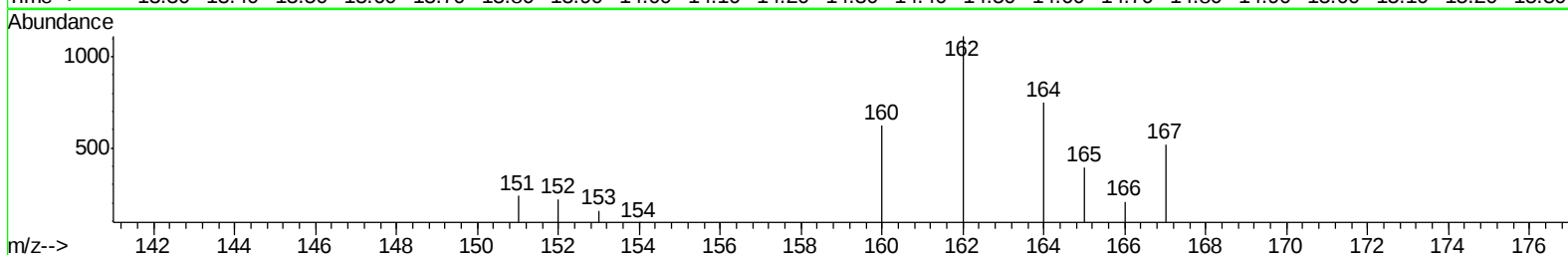
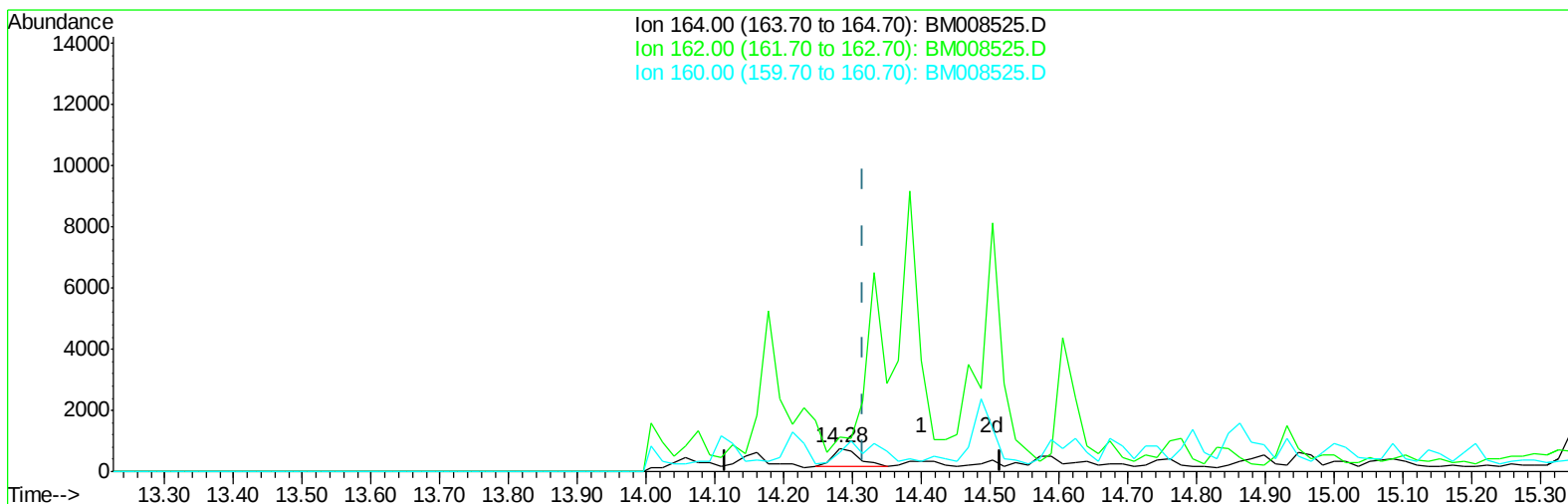
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008525.D
 Acq On : 21 Dec 2016 20:00
 Operator : UM/SJ
 Sample : H5995-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA885

Manual Integrations
 APPROVED

Sohil
 12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:24:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration



TIC: BM008525.D

(6) Acenaphthene-d10 (I)

14.280min (-0.034) 0.40ng/ul m

response 1618

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	147.94#
160.00	48.80	83.22#
0.00	0.00	0.00

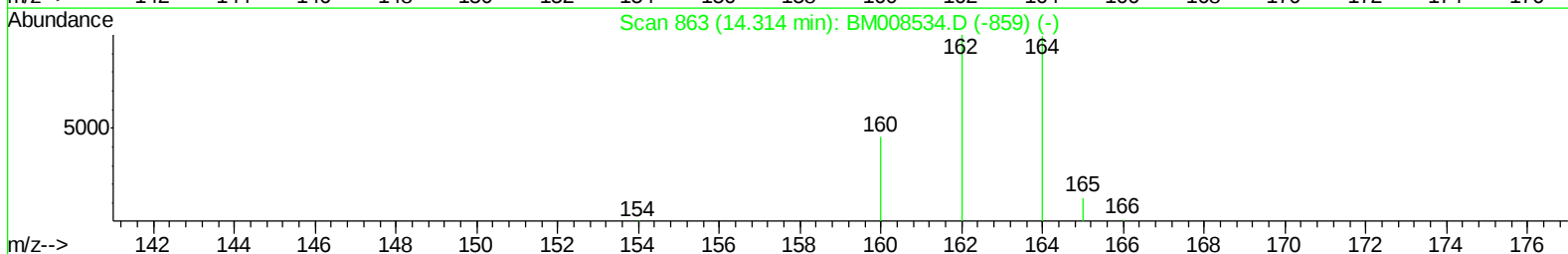
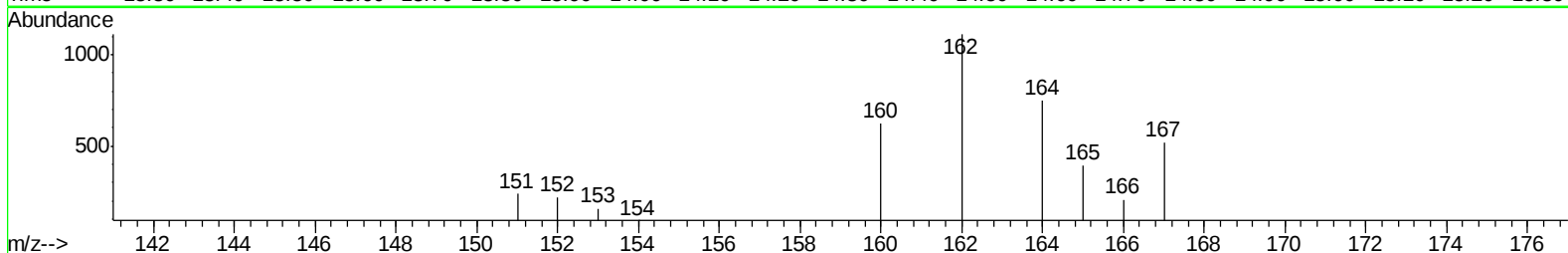
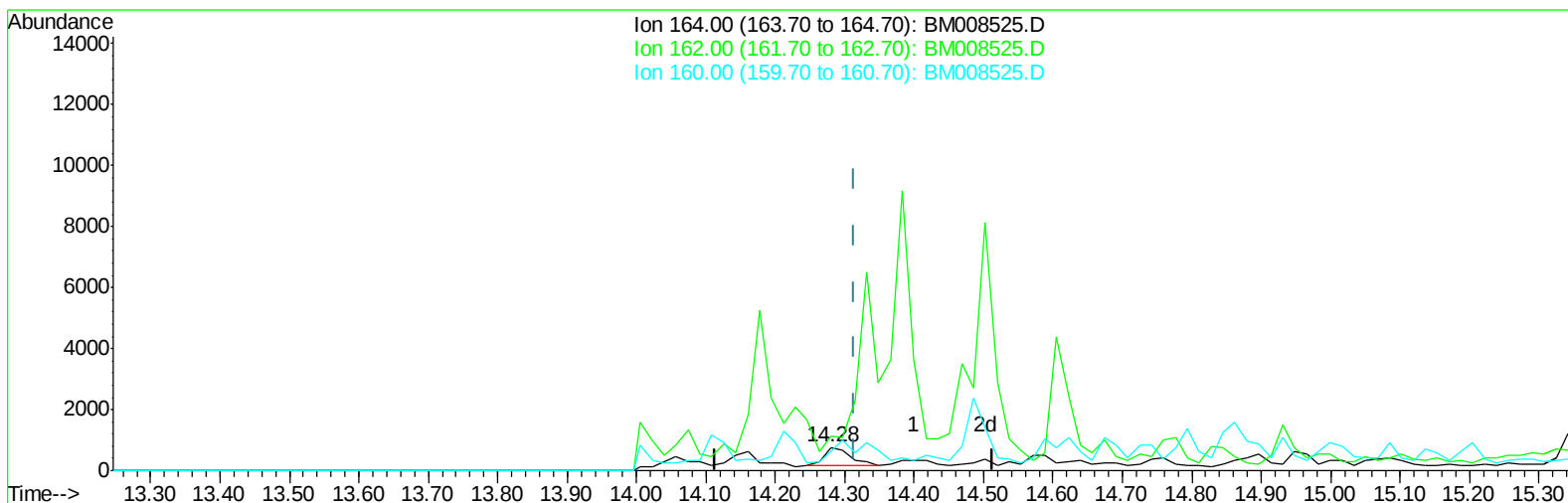
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008525.D
 Acq On : 21 Dec 2016 20:00
 Operator : UM/SJ
 Sample : H5995-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA885

Manual Integrations
 APPROVED

Sohil
 12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:24:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration



TIC: BM008525.D

(6) Acenaphthene-d10 (I)

14.280min (-0.034) 0.40ng/ul m

response 1618

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	147.94#
160.00	48.80	83.22#
0.00	0.00	0.00

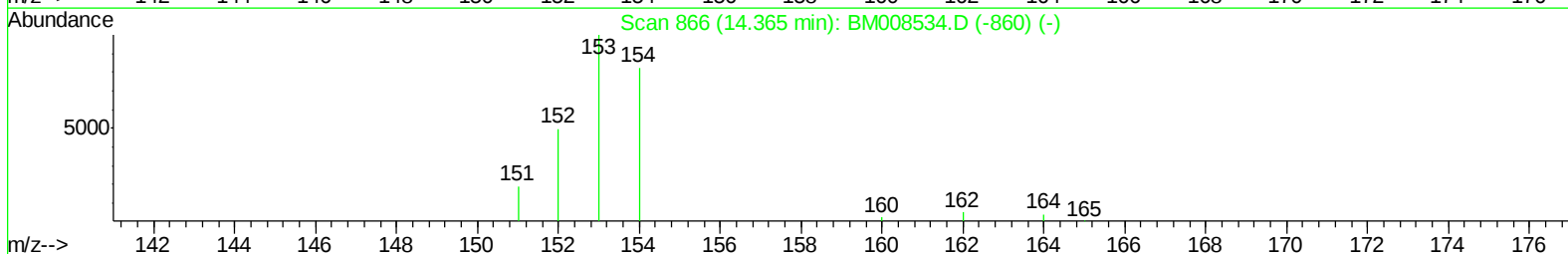
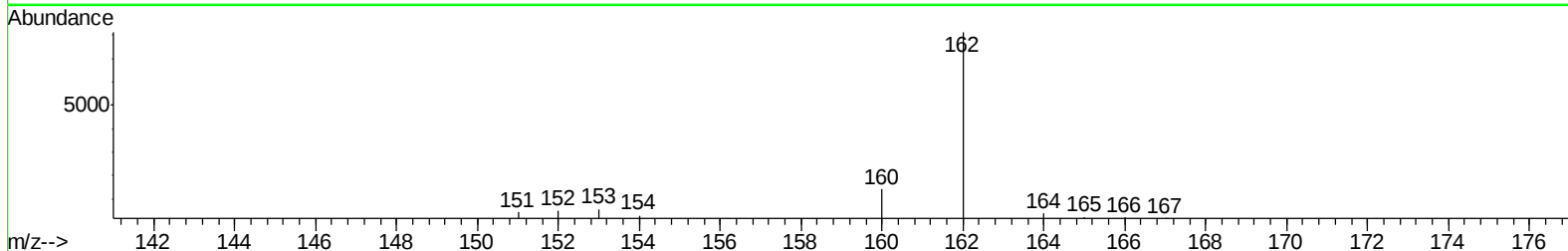
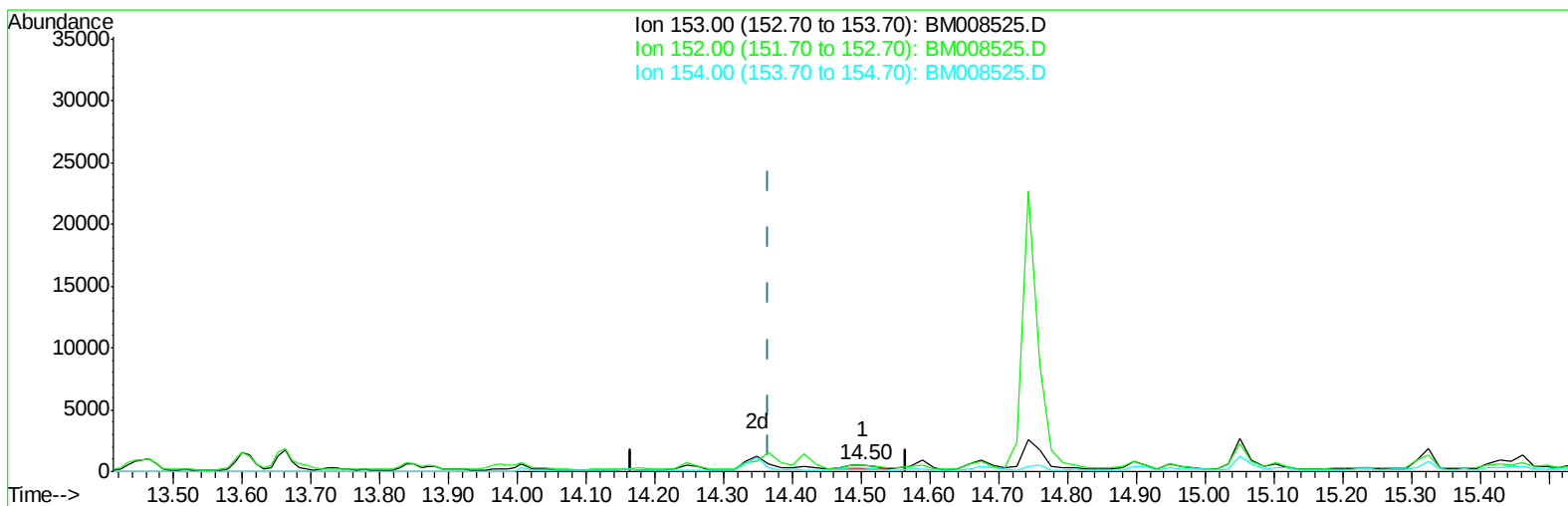
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:25:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(8) Acenaphthene (C)

14.503min (+0.137) 0.24ng/ul

response 1333

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	86.61#
154.00	89.30	50.36#
0.00	0.00	0.00

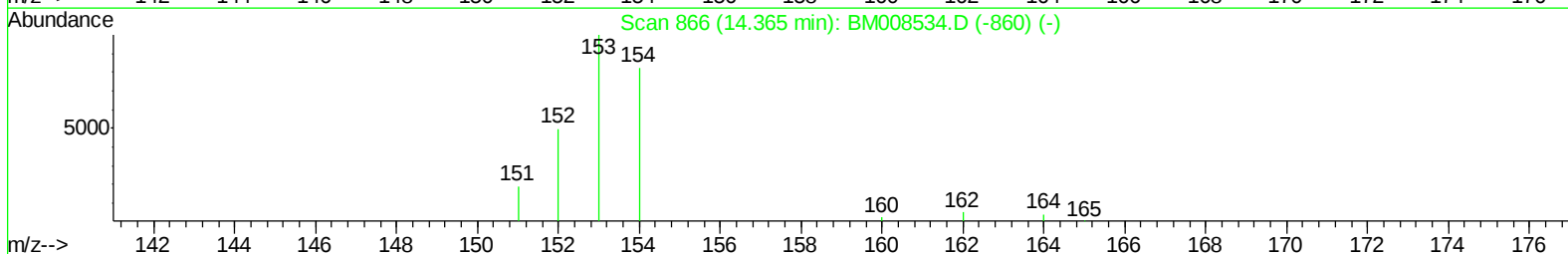
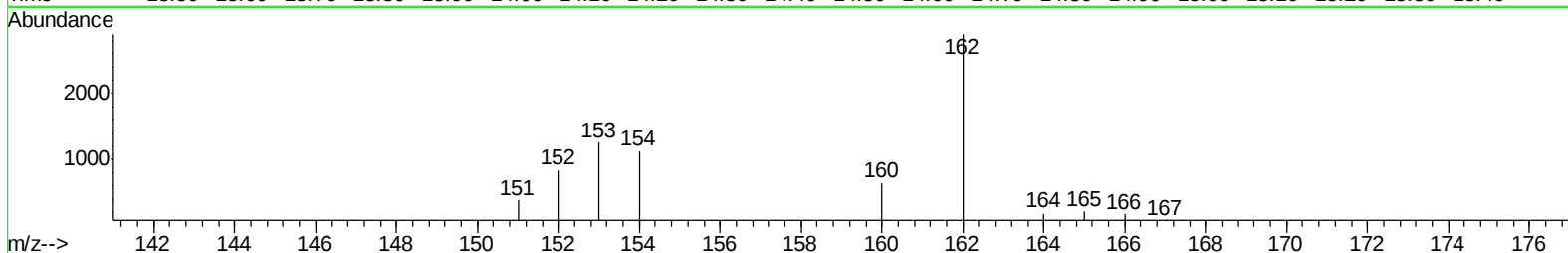
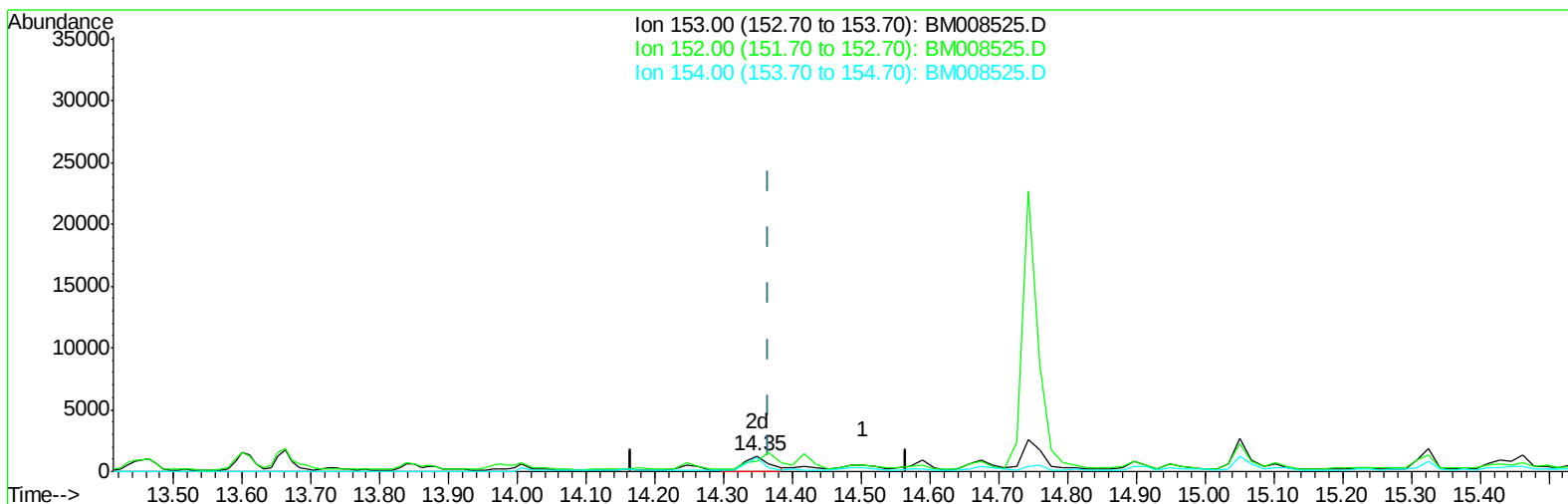
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:25:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(8) Acenaphthene (C)

14.348min (-0.017) 0.59ng/ul m

response 3275

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	67.38#
154.00	89.30	90.27
0.00	0.00	0.00

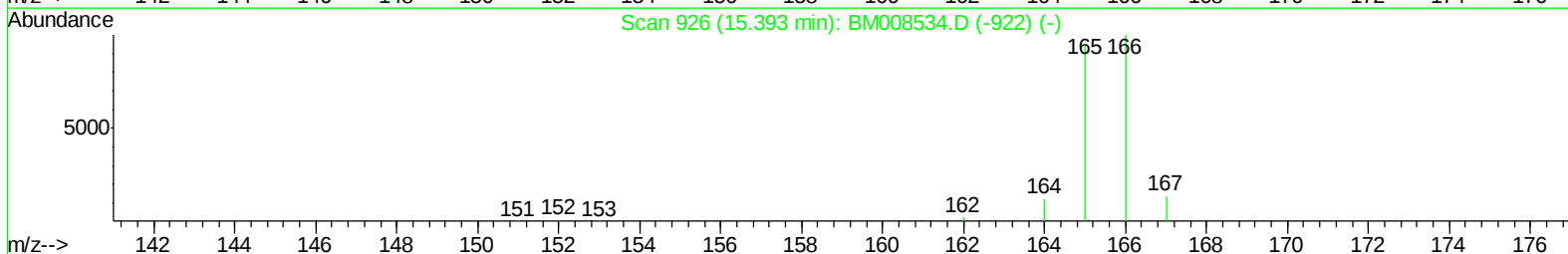
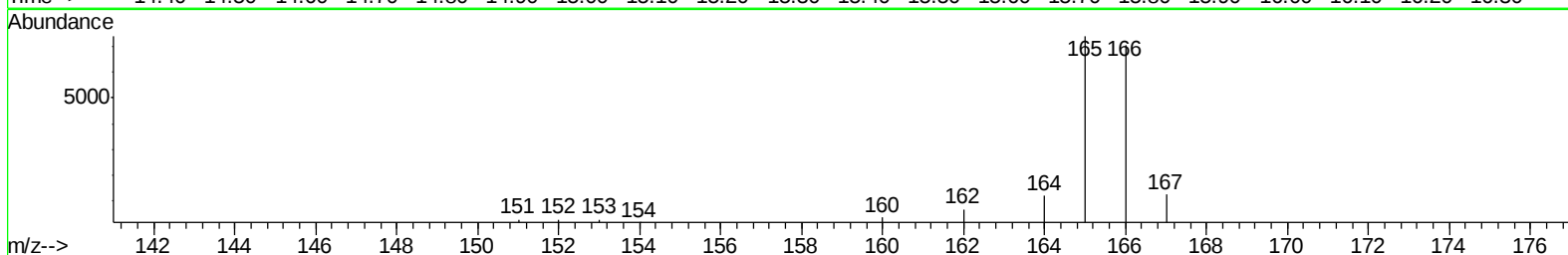
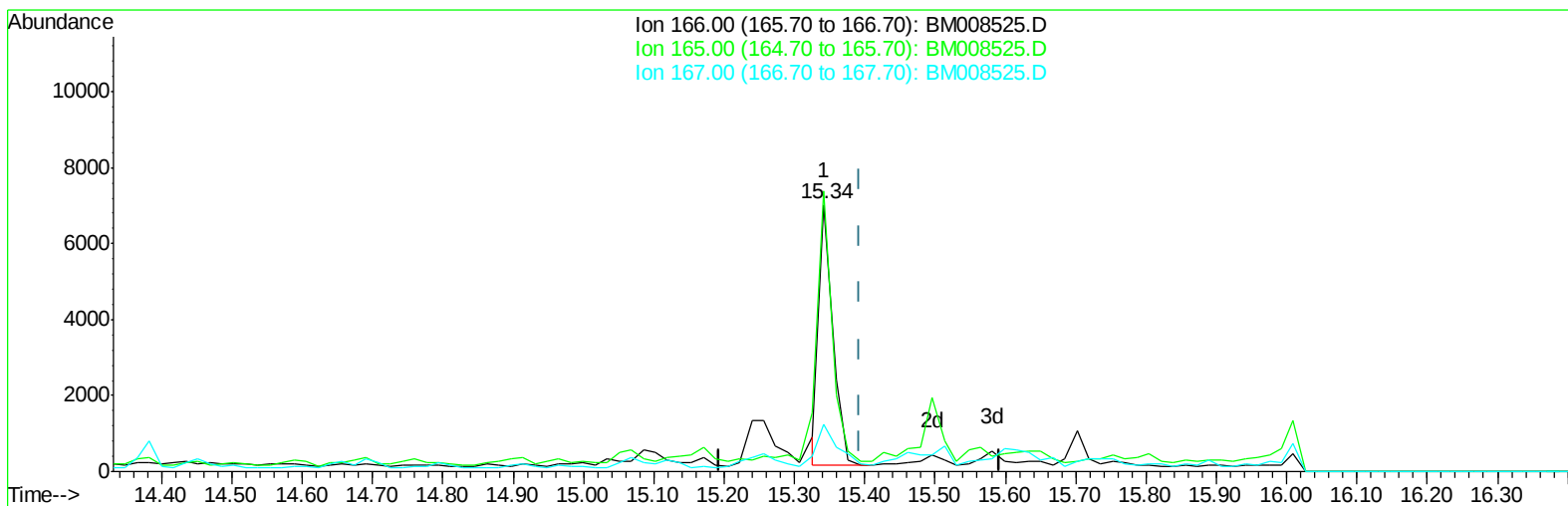
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008525.D
 Acq On : 21 Dec 2016 20:00
 Operator : UM/SJ
 Sample : H5995-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA885

Manual Integrations
 APPROVED

Sohil
 12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:25:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration



TIC: BM008525.D

(9) Fluorene

15.342min (-0.051) 1.52ng/ul

response 9541

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	105.21
167.00	18.30	17.78
0.00	0.00	0.00

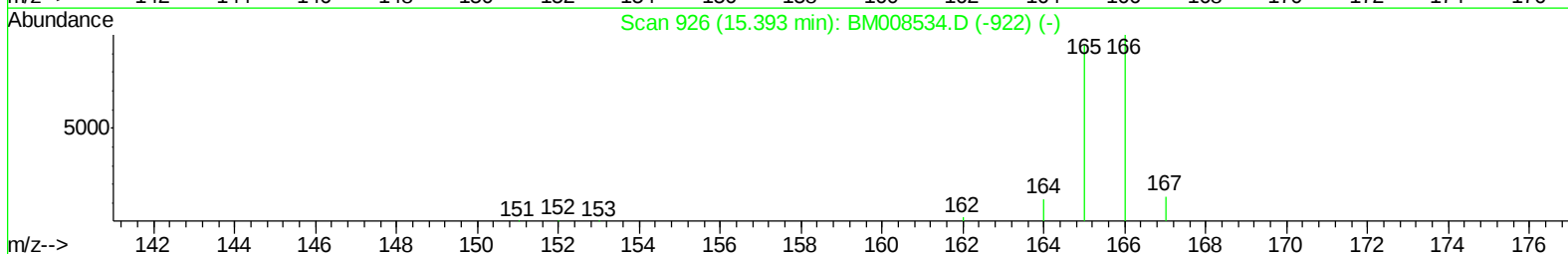
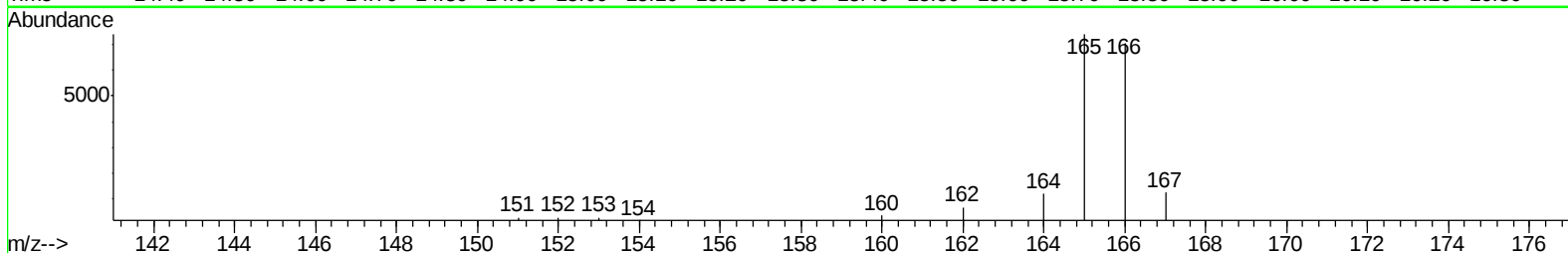
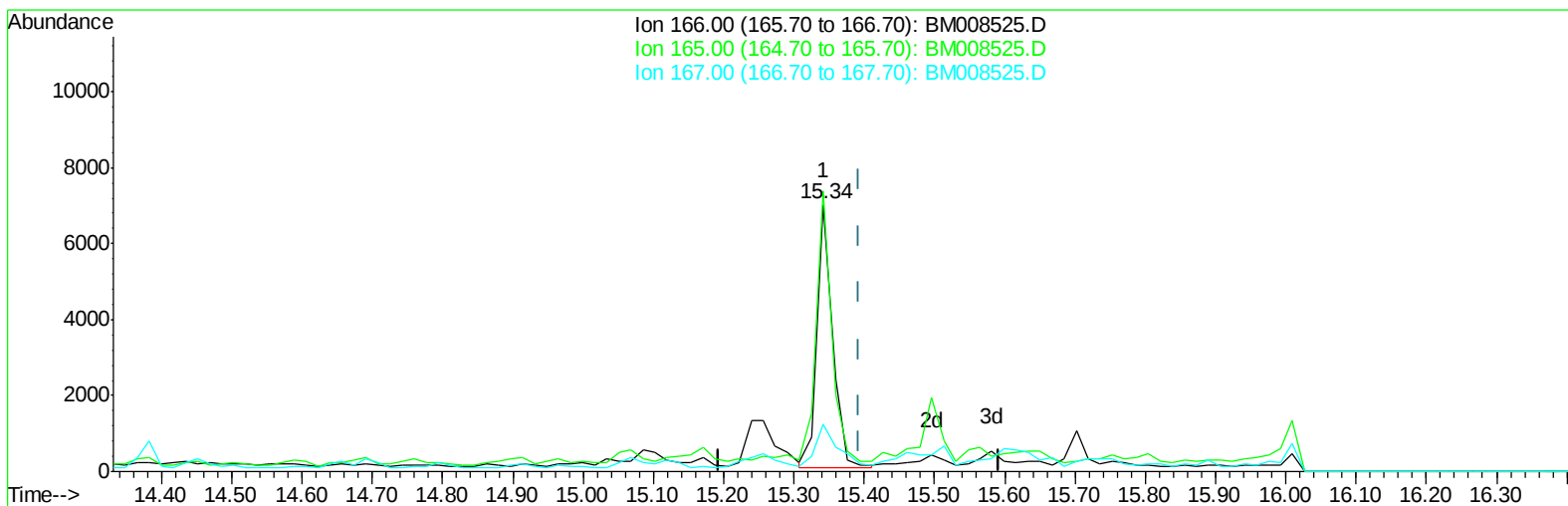
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:25:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(9) Fluorene

15.342min (-0.051) 1.68ng/ul m

response 10569

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	105.21
167.00	18.30	17.78
0.00	0.00	0.00

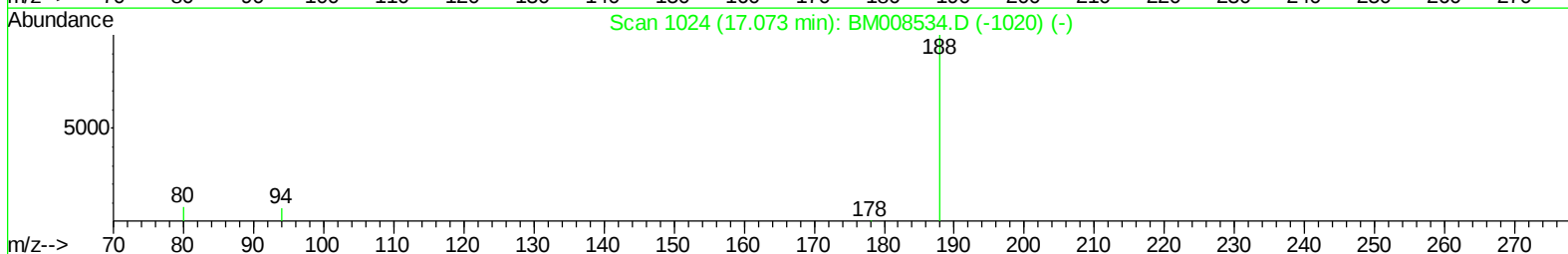
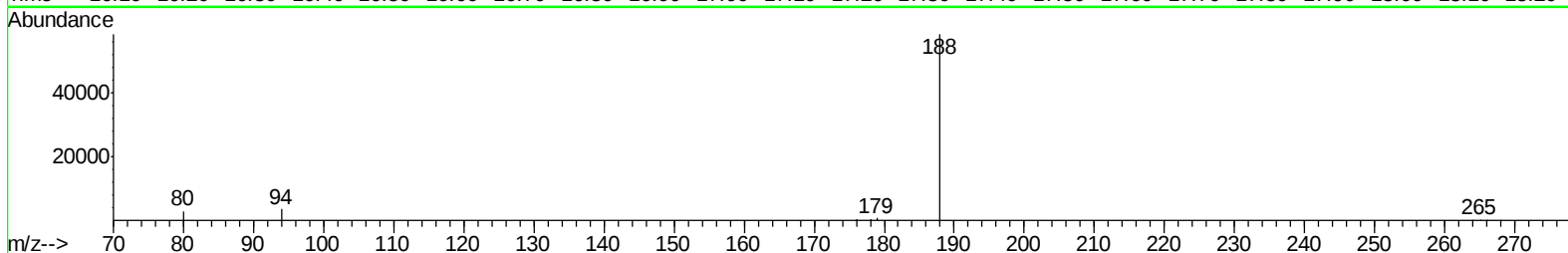
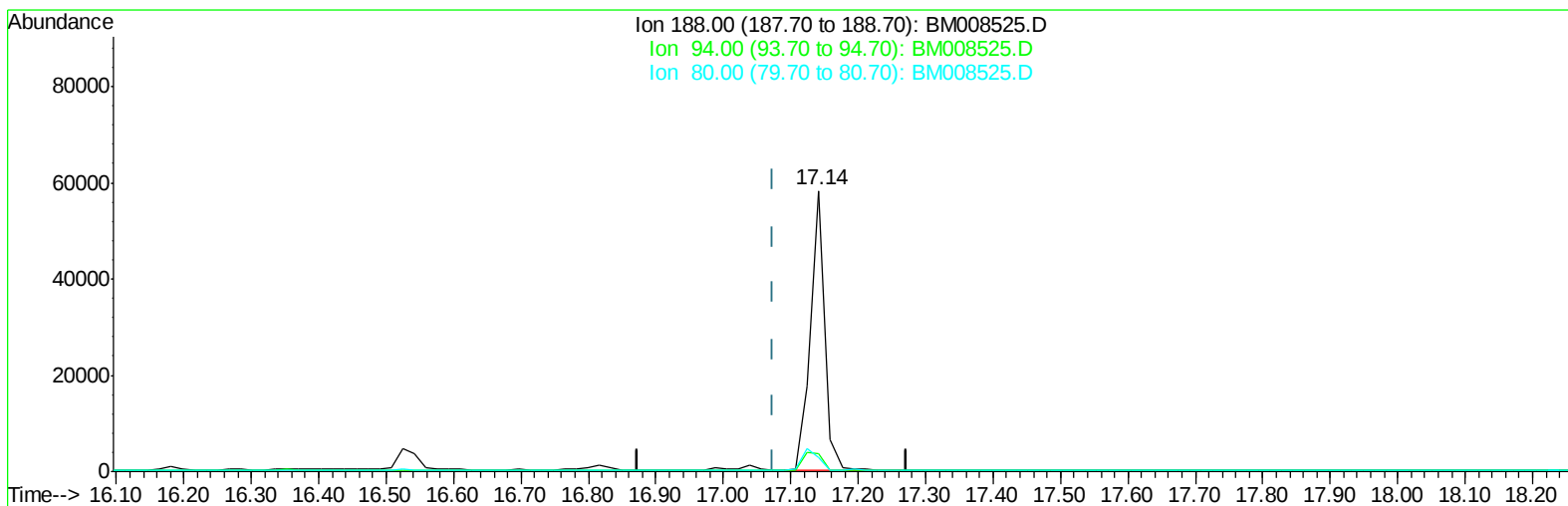
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:25:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(10) Phenanthrene-d10 (I)

17.142min (+0.069) 0.40ng/ul

response 86013

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	6.17#
80.00	11.80	5.23#
0.00	0.00	0.00

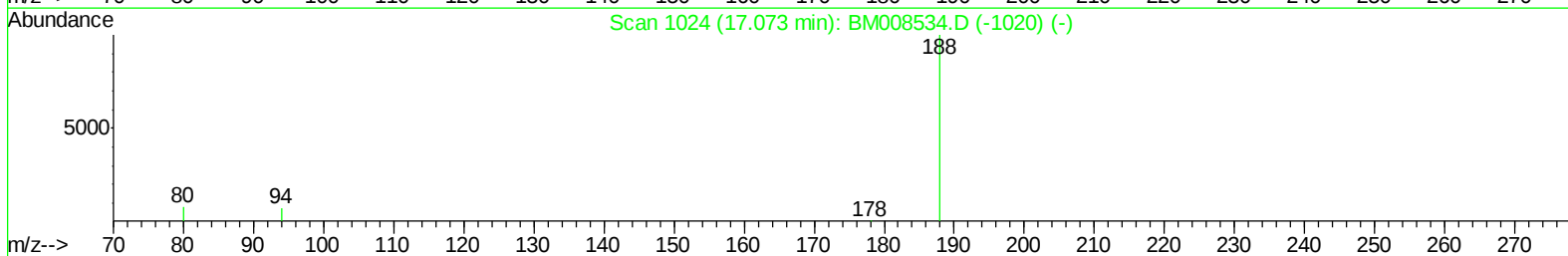
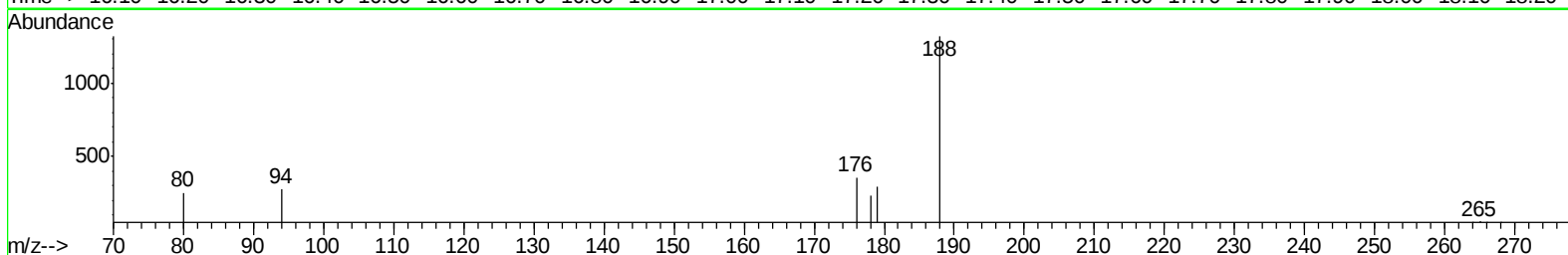
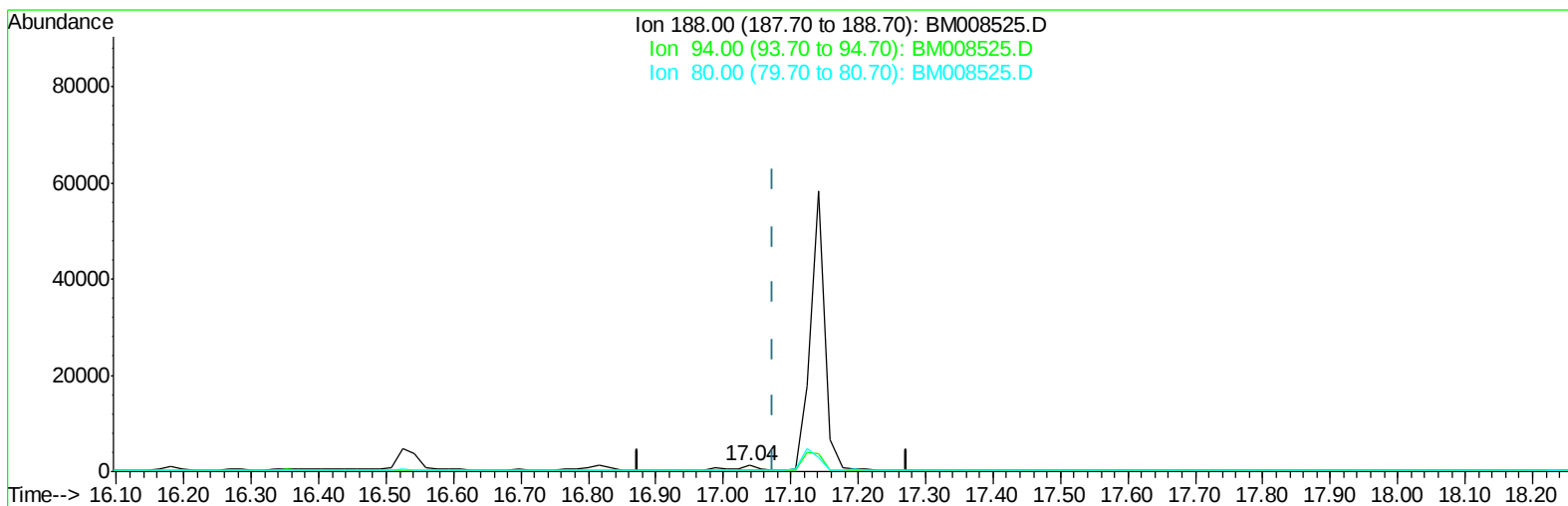
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:25:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(10) Phenanthrene-d10 (I)

17.039min (-0.034) 0.40ng/ul m

response 1595

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	21.20#
80.00	11.80	19.23#
0.00	0.00	0.00

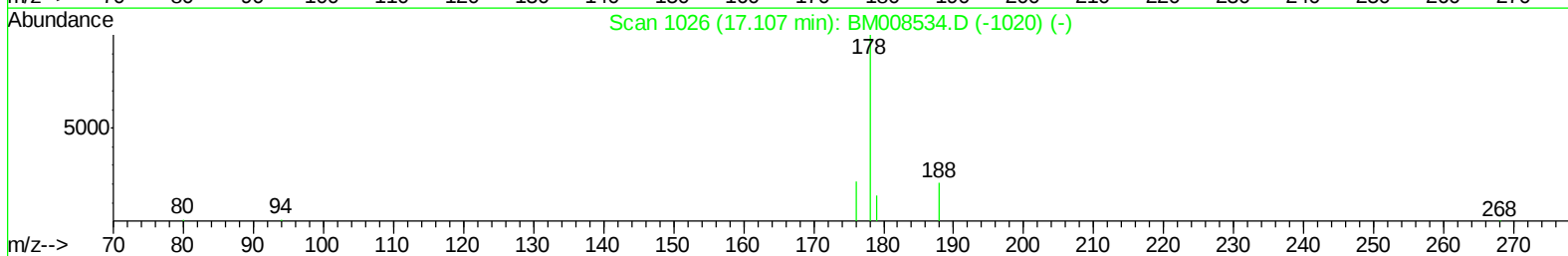
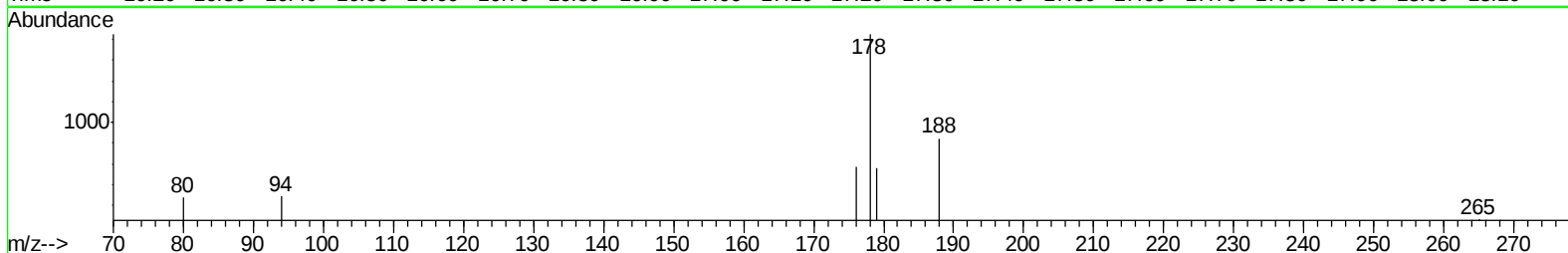
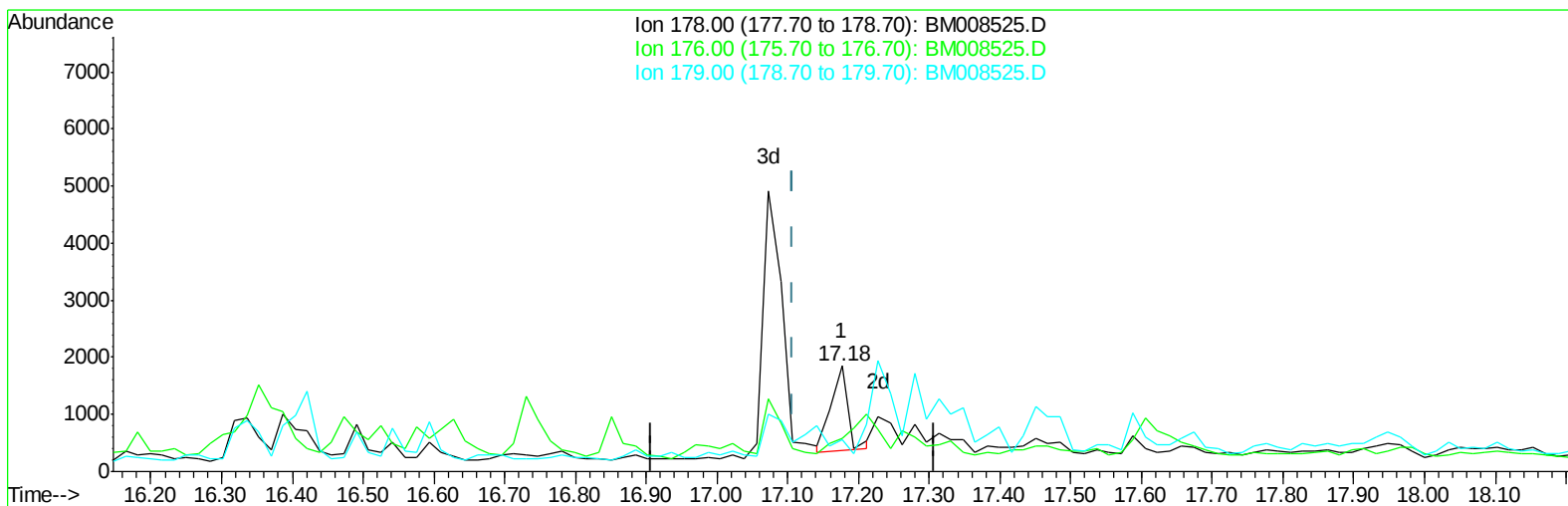
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:27:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(12) Phenanthrene

17.176min (+0.069) 0.49ng/ul

response 2392

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	30.99#
179.00	17.00	29.96#
0.00	0.00	0.00

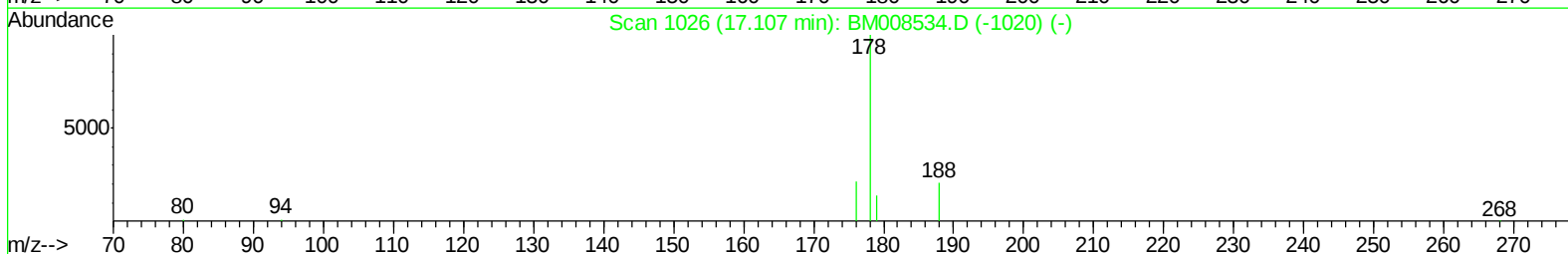
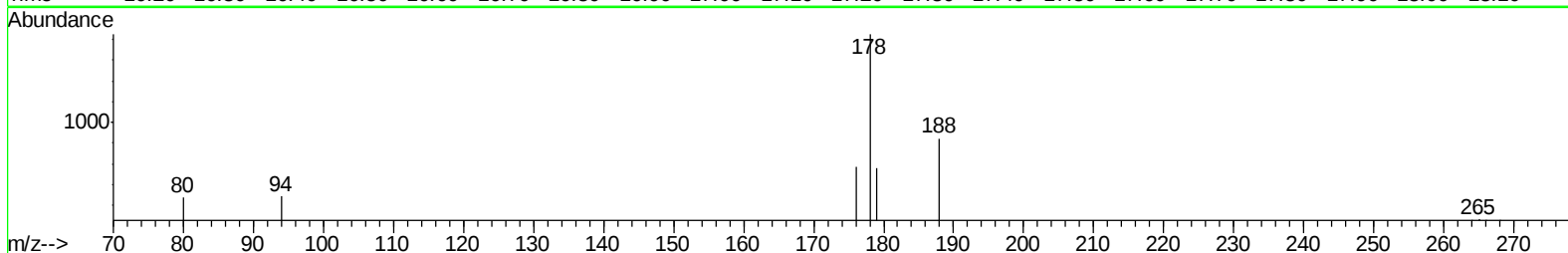
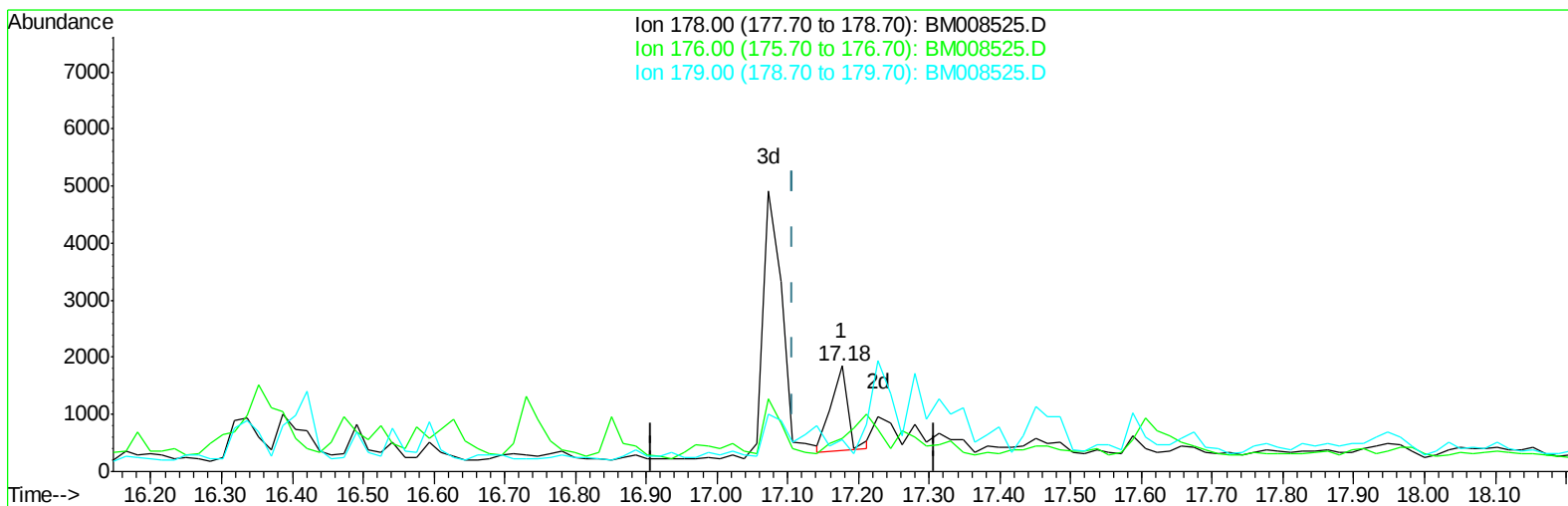
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:27:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(12) Phenanthrene

17.176min (+0.069) 0.49ng/ul

response 2392

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	30.99#
179.00	17.00	29.96#
0.00	0.00	0.00

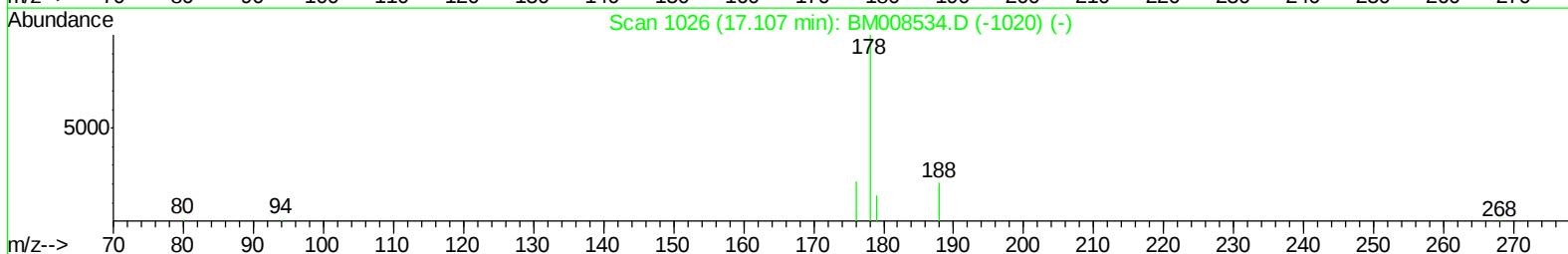
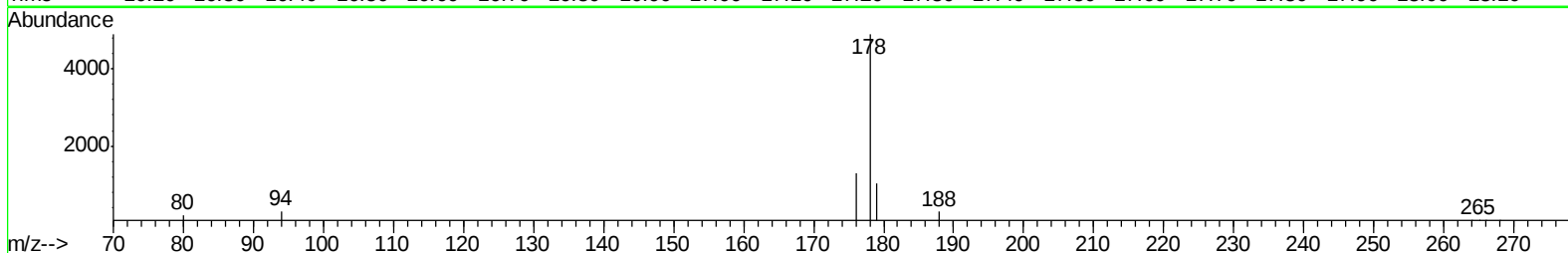
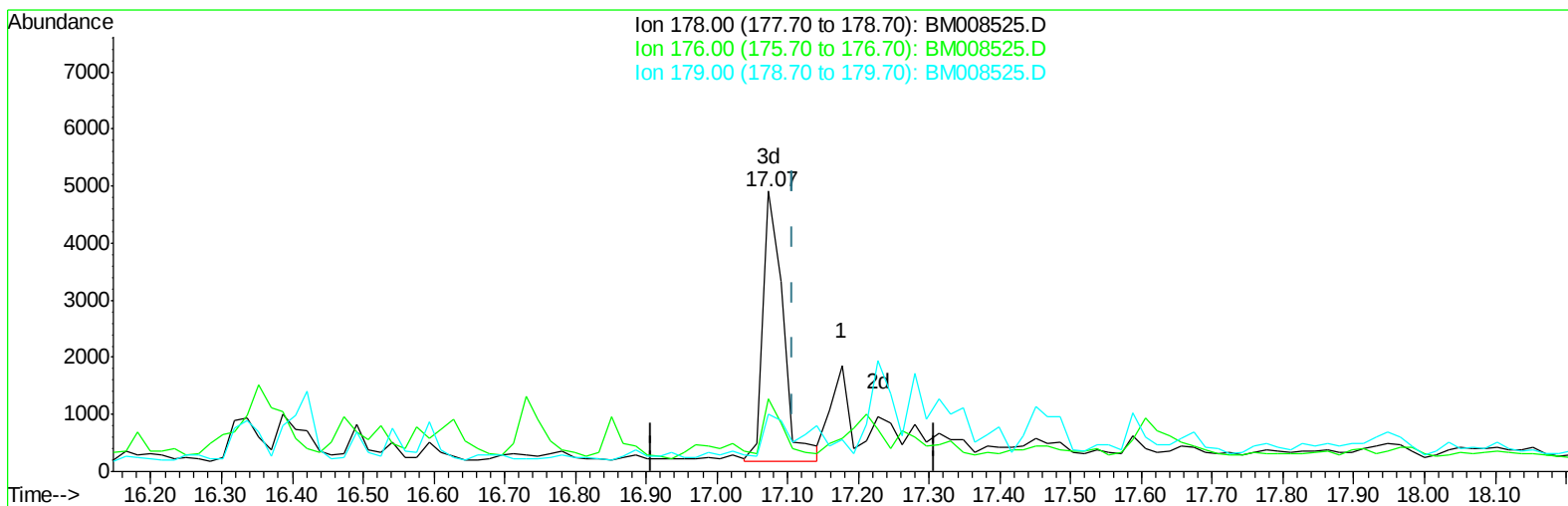
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008525.D
 Acq On : 21 Dec 2016 20:00
 Operator : UM/SJ
 Sample : H5995-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA885

Manual Integrations
 APPROVED

Sohil
 12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:27:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration



TIC: BM008525.D

(12) Phenanthrene

17.073min (-0.034) 1.92ng/ul m

response 9338

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	26.11
179.00	17.00	20.51#
0.00	0.00	0.00

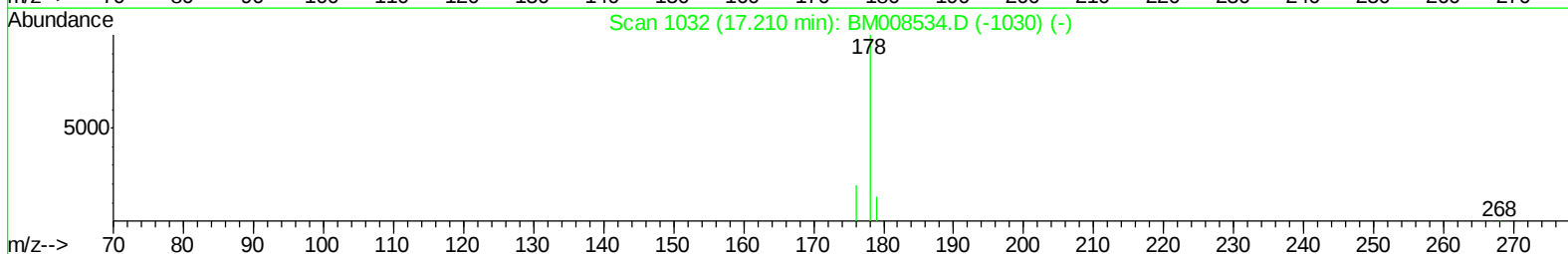
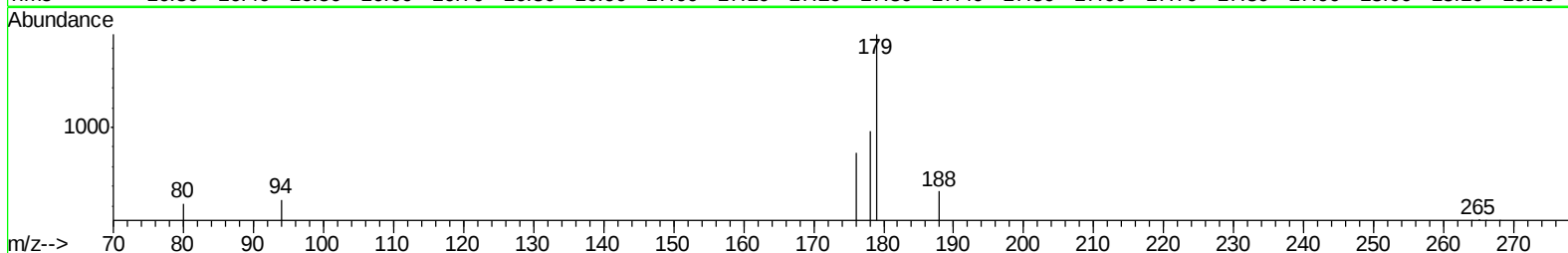
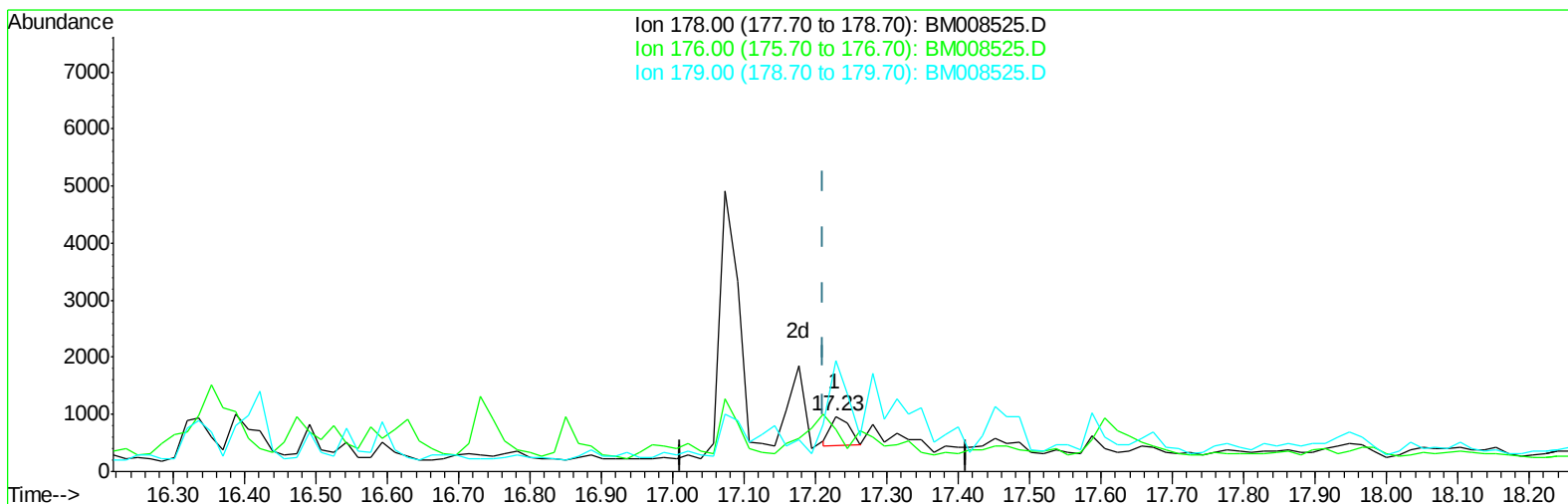
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:27:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(13) Anthracene

17.228min (+0.017) 0.20ng/ul

response 928

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	77.03#
179.00	18.40	202.49#
0.00	0.00	0.00

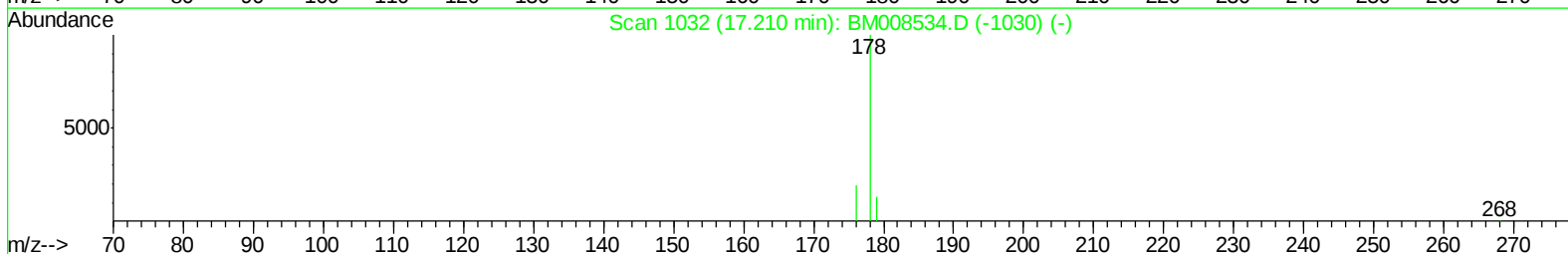
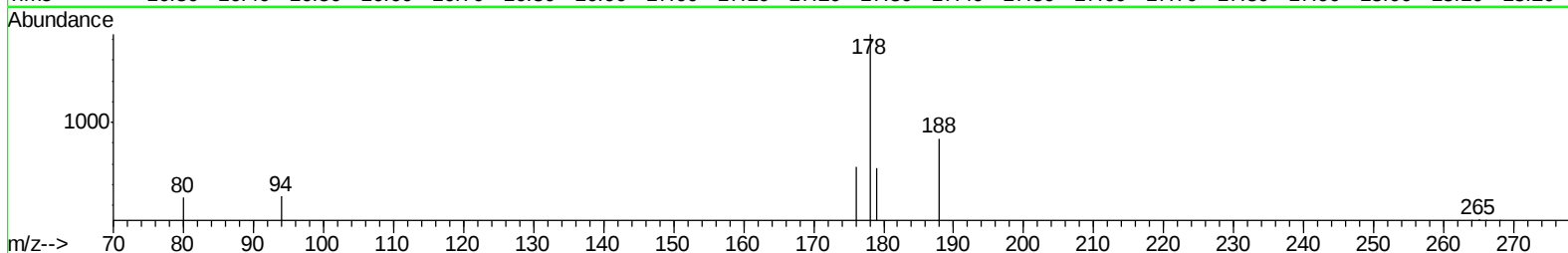
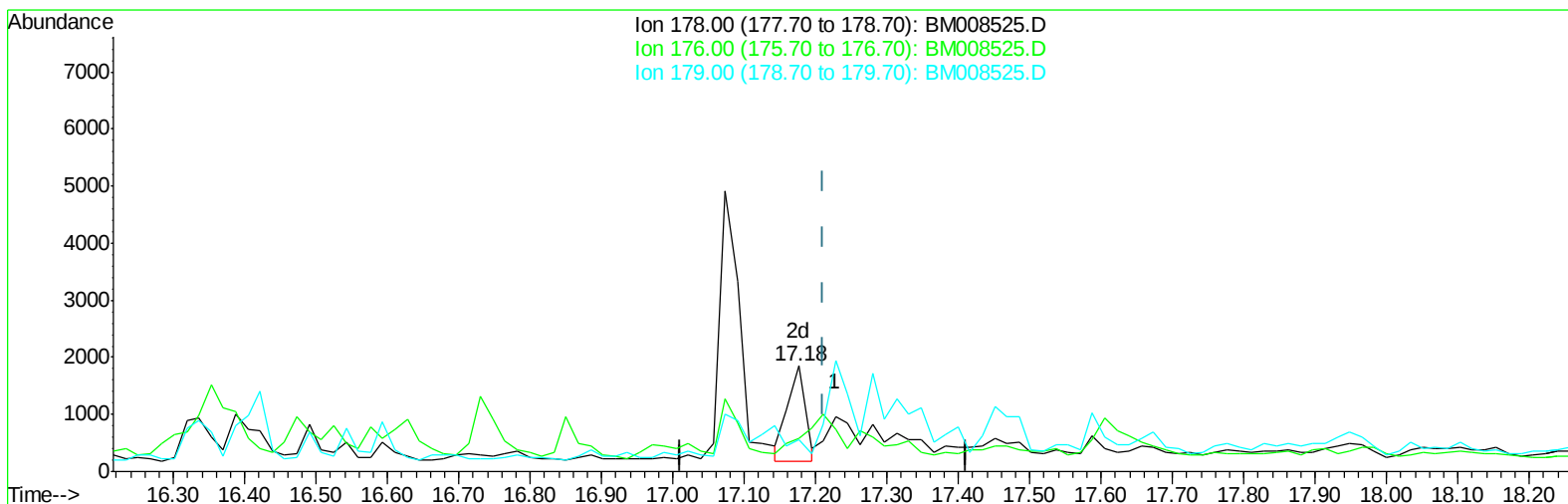
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008525.D
 Acq On : 21 Dec 2016 20:00
 Operator : UM/SJ
 Sample : H5995-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA885

Manual Integrations
 APPROVED

Sohil
 12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:27:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration



TIC: BM008525.D

(13) Anthracene

17.176min (-0.034) 0.60ng/ul m

response 2849

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	30.99#
179.00	18.40	29.96#
0.00	0.00	0.00

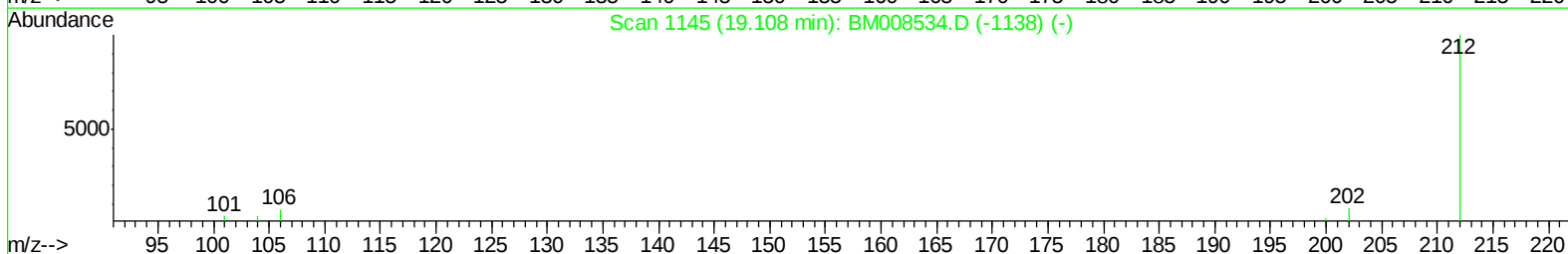
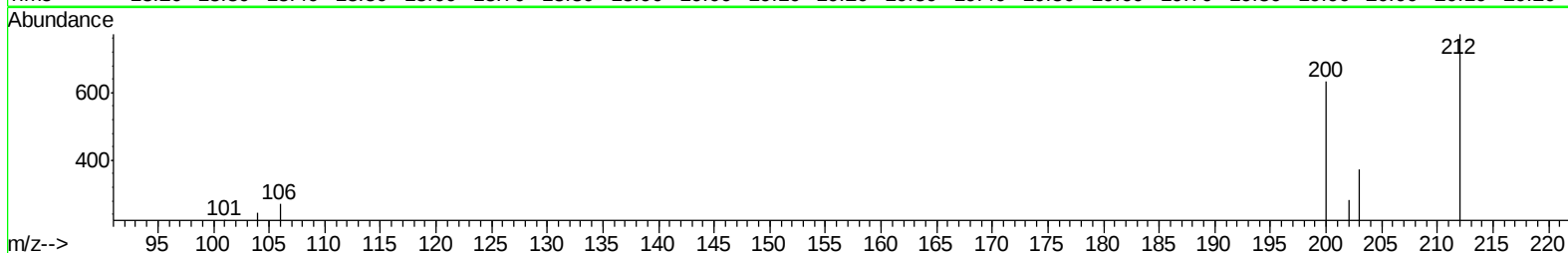
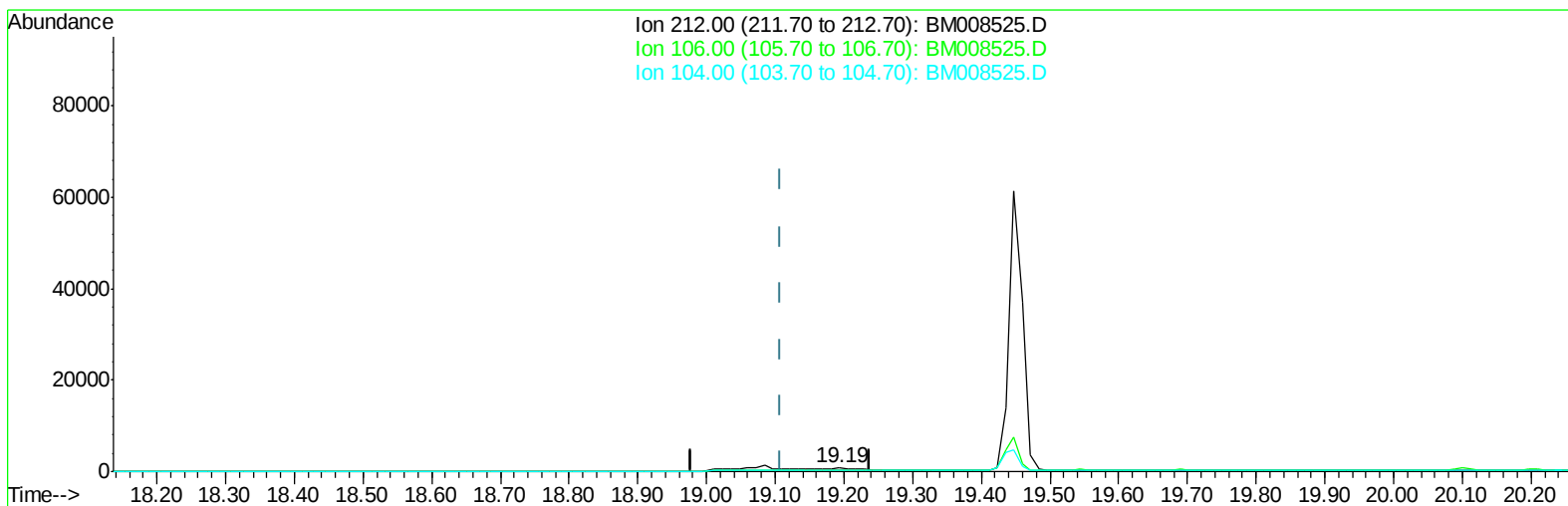
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:27:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(14) Fluoranthene-d10 (SURR)

19.193min (+0.085) 0.35ng/ul

response 1530

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	4.31#
104.00	15.60	7.91#
0.00	0.00	0.00

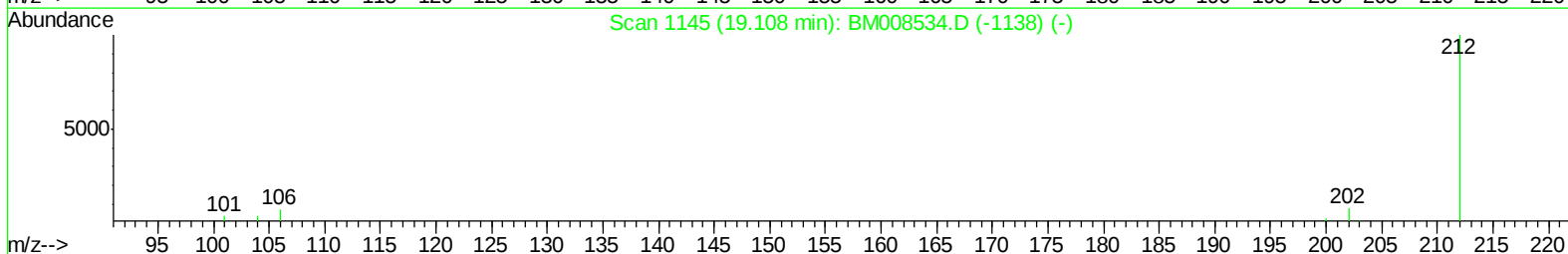
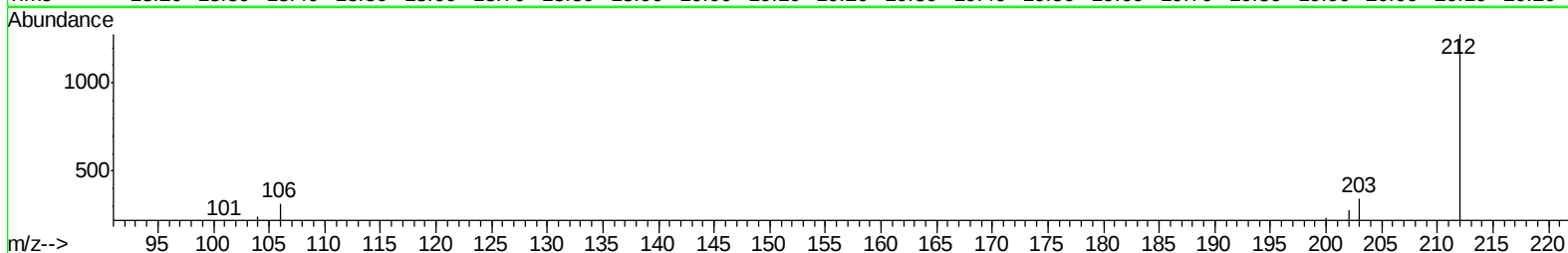
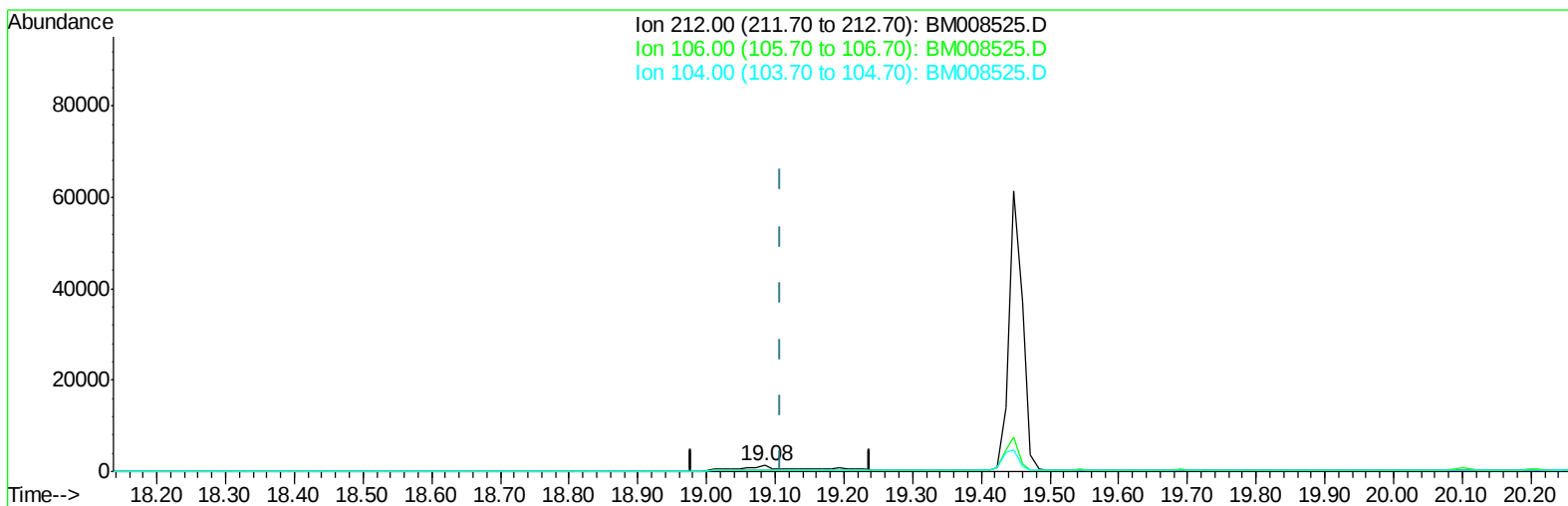
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:27:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(14) Fluoranthene-d10 (SURR)

19.084min (-0.024) 0.37ng/ul m

response 1628

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	4.05#
104.00	15.60	7.43#
0.00	0.00	0.00

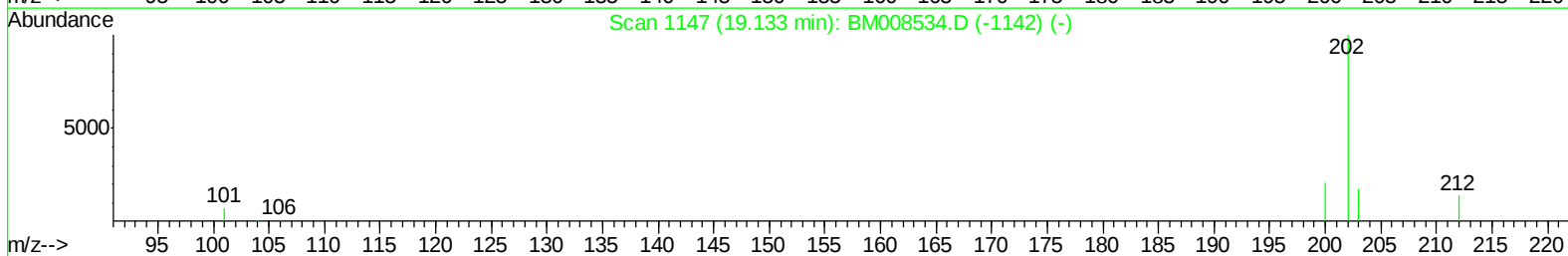
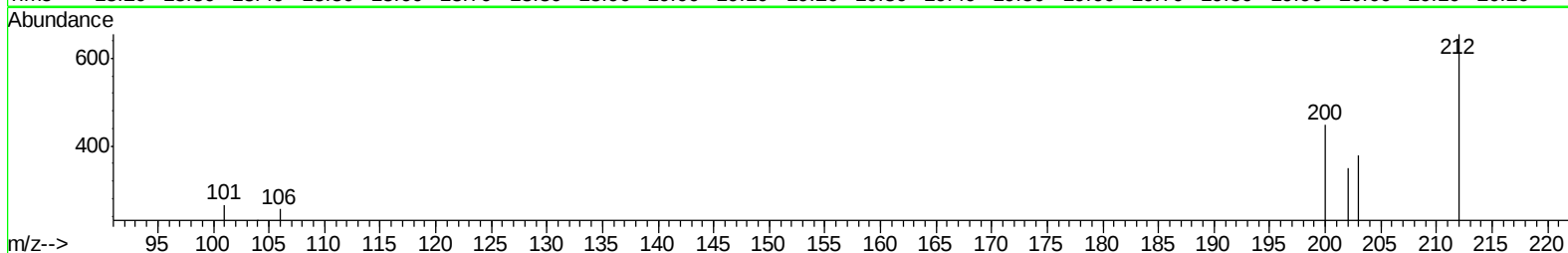
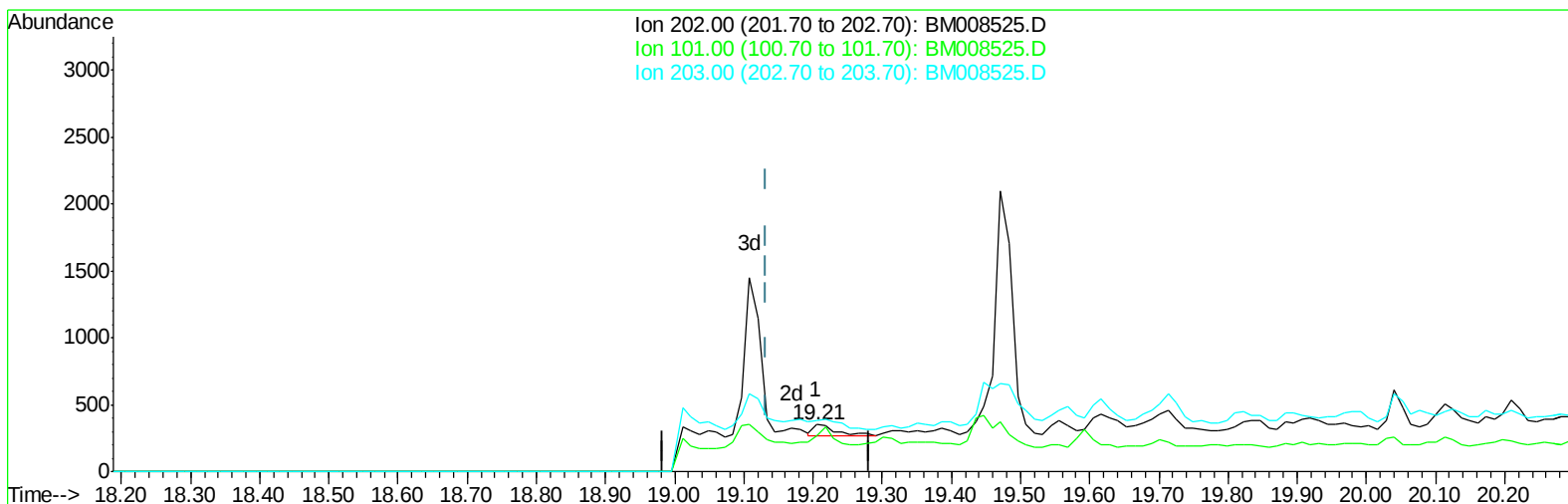
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:27:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(15) Fluoranthene (C)

19.205min (+0.073) 0.03ng/ul

response 183

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	76.00#
203.00	19.50	108.29#
0.00	0.00	0.00

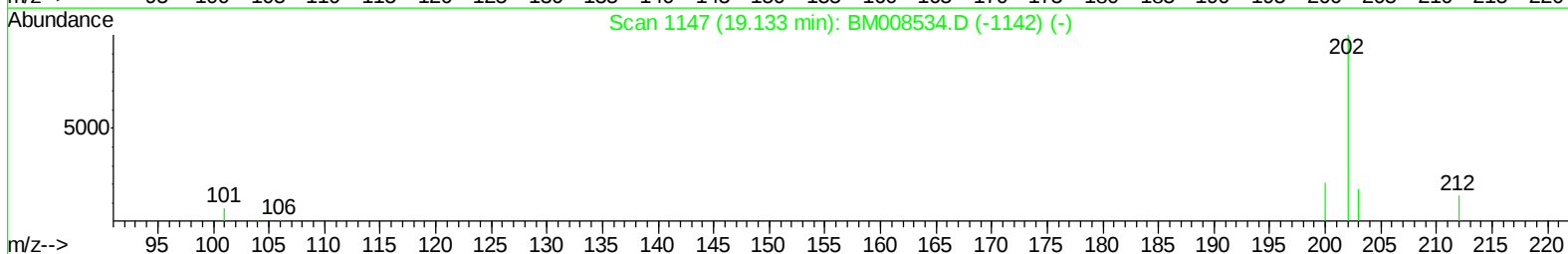
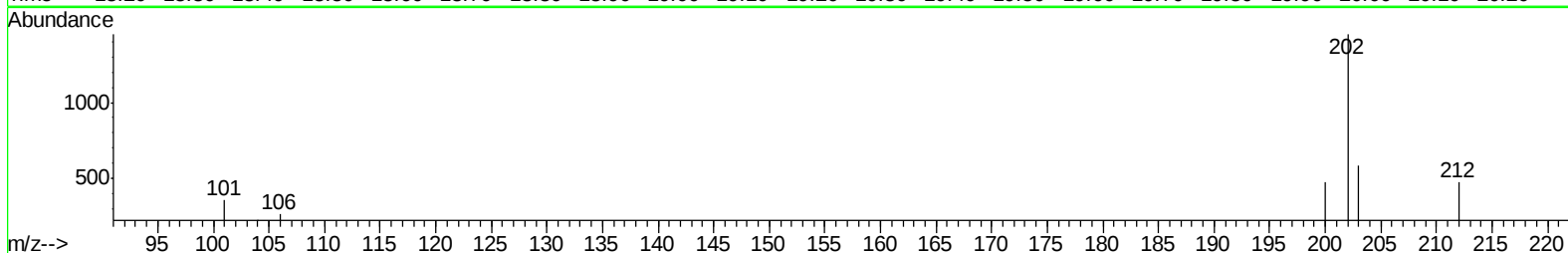
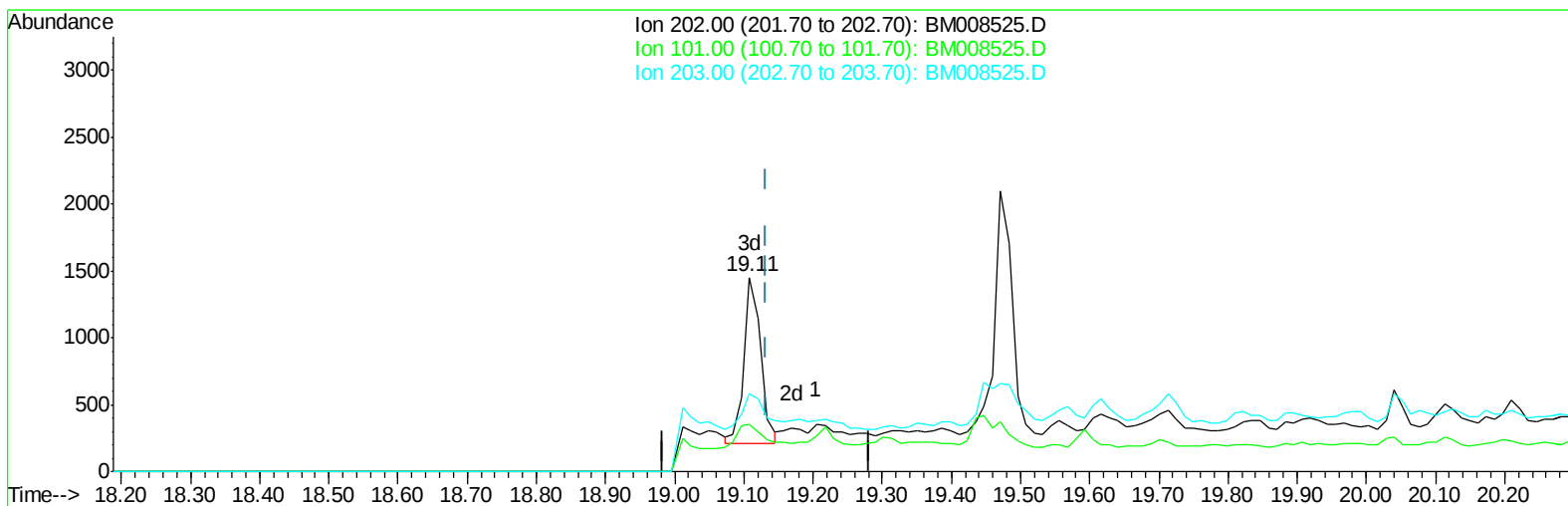
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:27:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(15) Fluoranthene (C)

19.108min (-0.024) 0.34ng/ul m

response 2054

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	24.41
203.00	19.50	40.34#
0.00	0.00	0.00

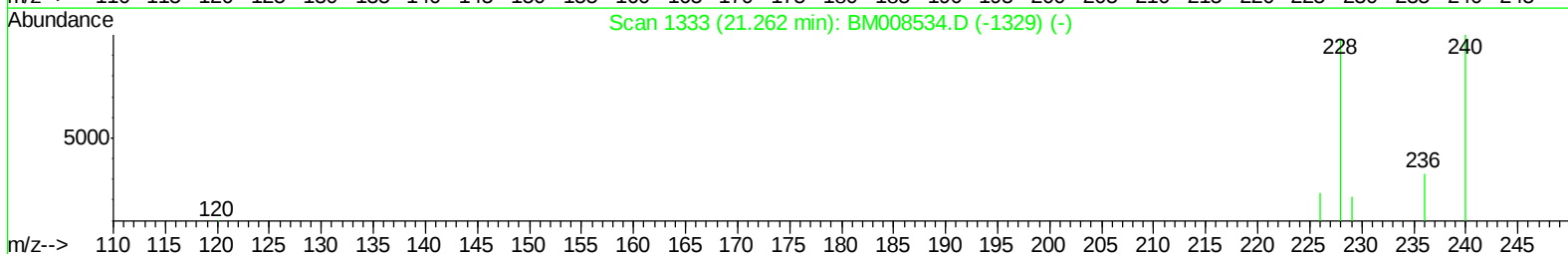
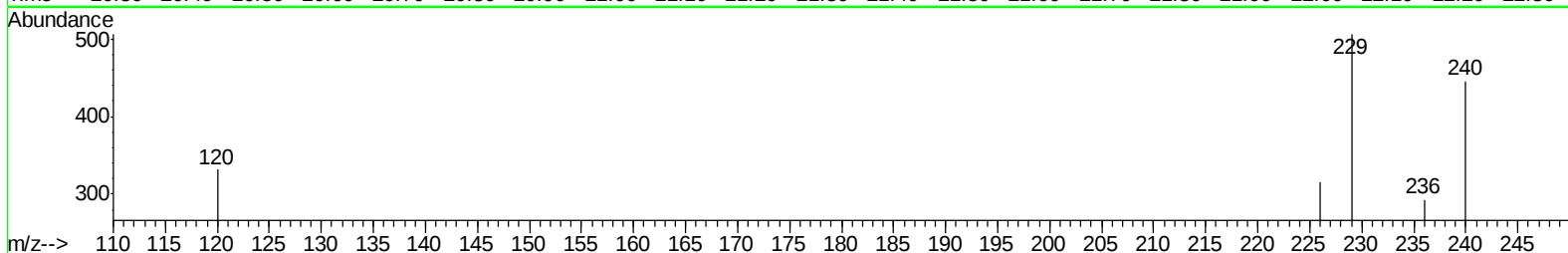
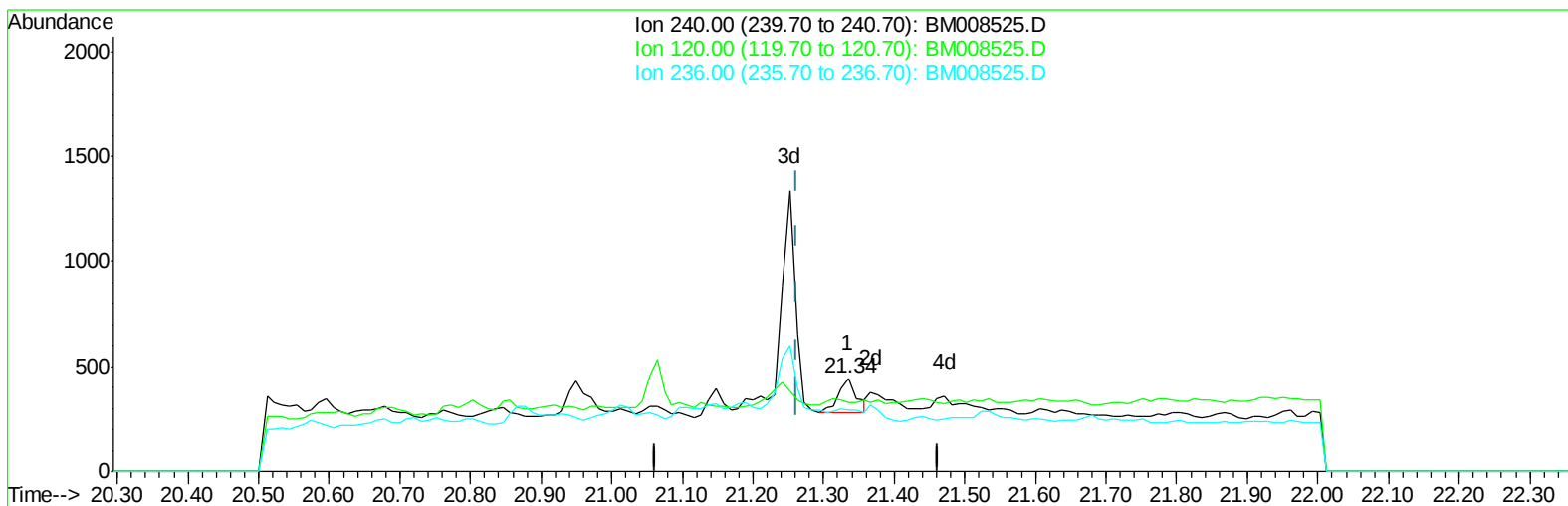
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
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Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:27:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(16) Chrysene-d12 (I)

21.335min (+0.073) 0.40ng/ul

response 279

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	74.22#
236.00	34.90	65.70#
0.00	0.00	0.00

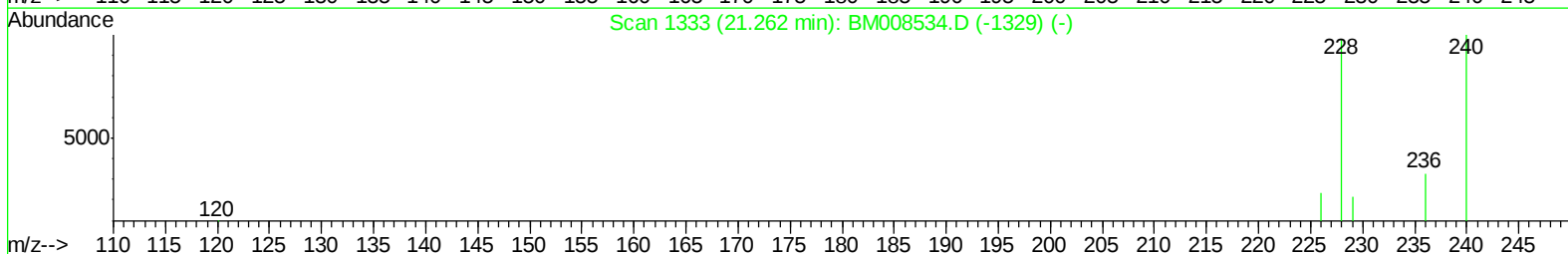
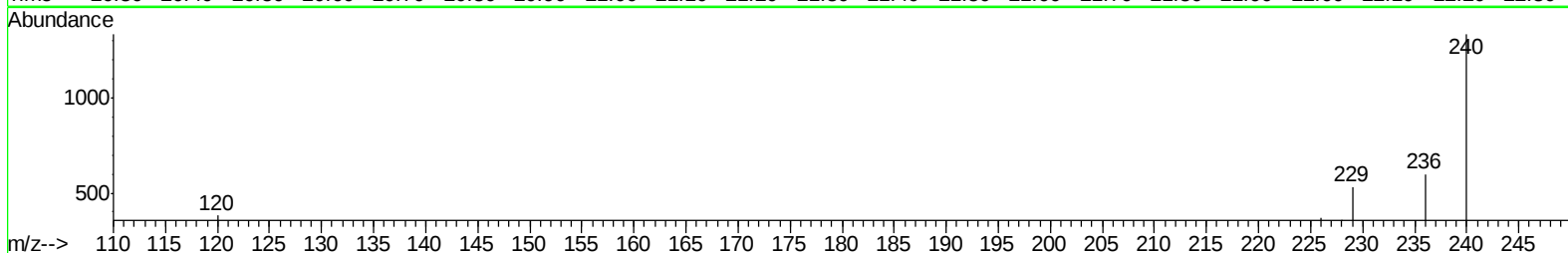
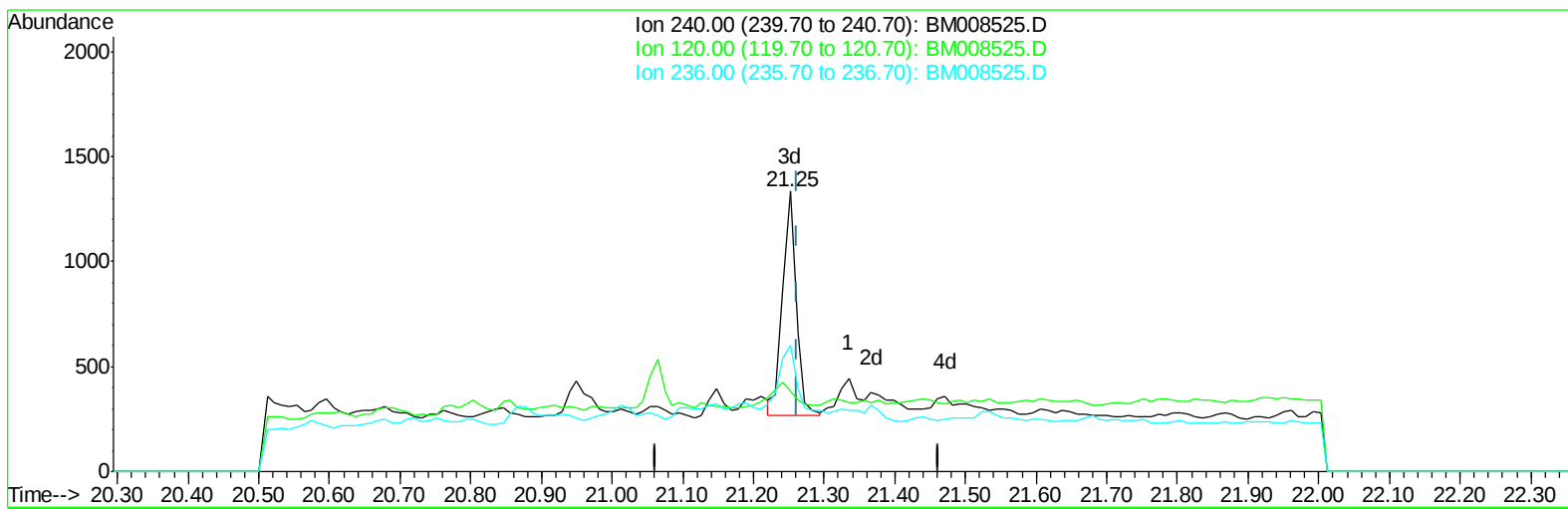
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:27:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(16) Chrysene-d12 (I)

21.252min (-0.010) 0.40ng/ul m

response 1414

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	28.52#
236.00	34.90	44.91#
0.00	0.00	0.00

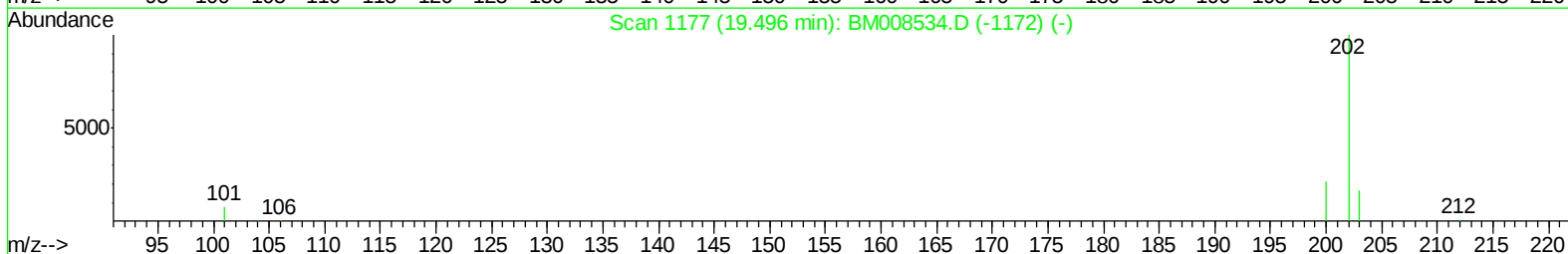
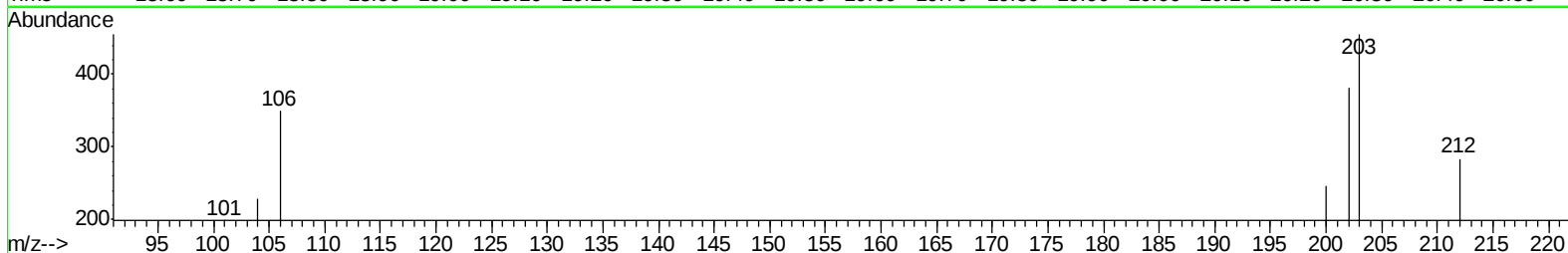
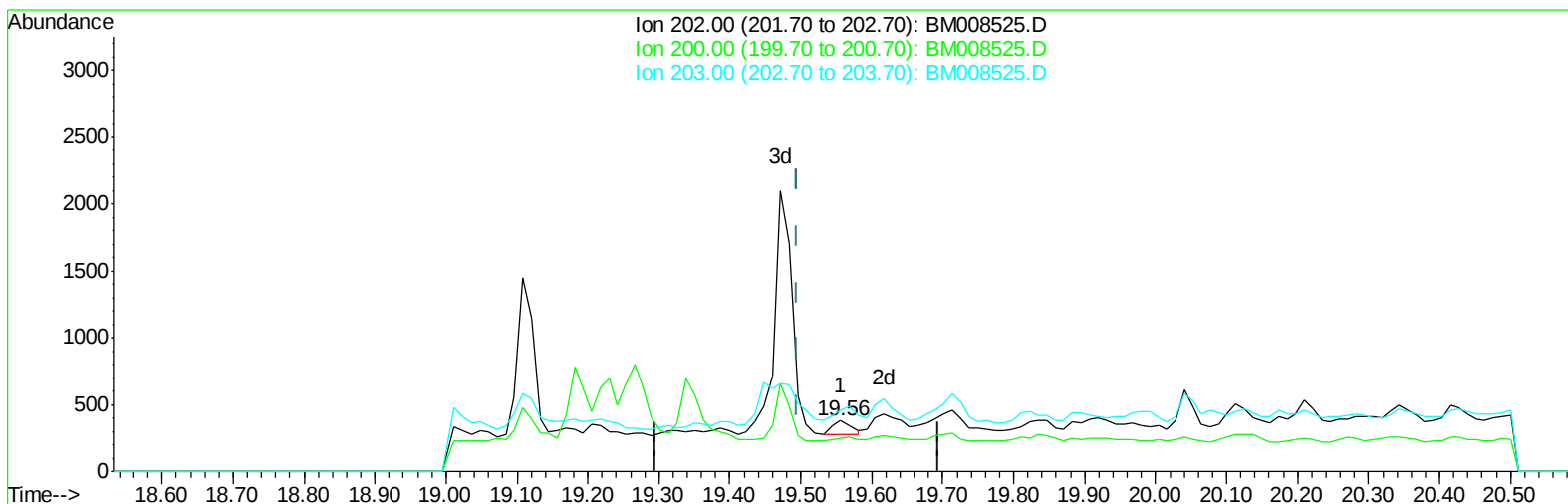
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
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Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:31:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(17) Pyrene

19.556min (+0.061) 0.04ng/ul

response 196

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	64.57#
203.00	19.50	119.42#
0.00	0.00	0.00

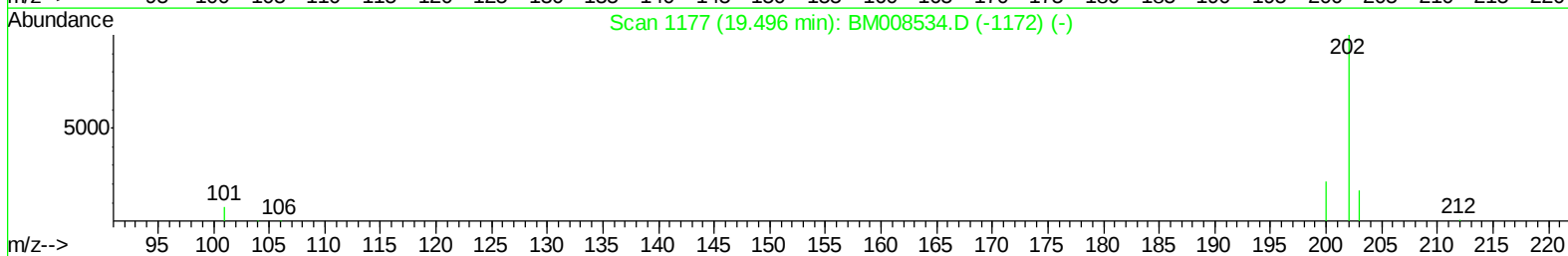
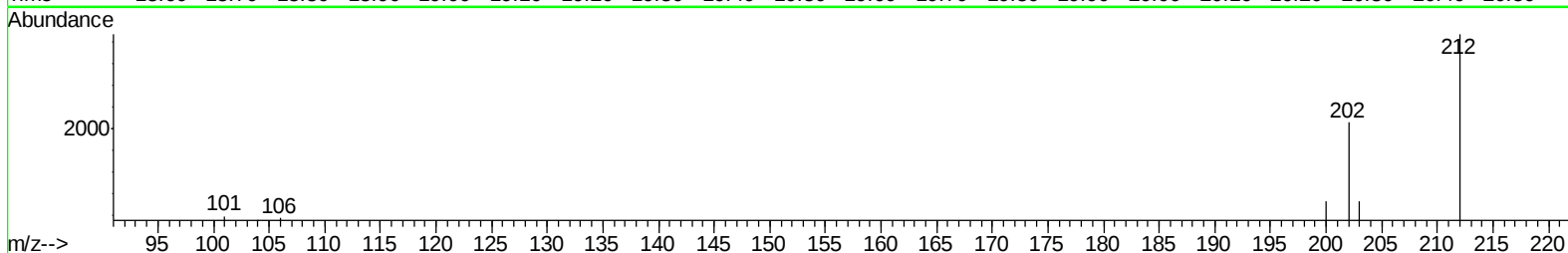
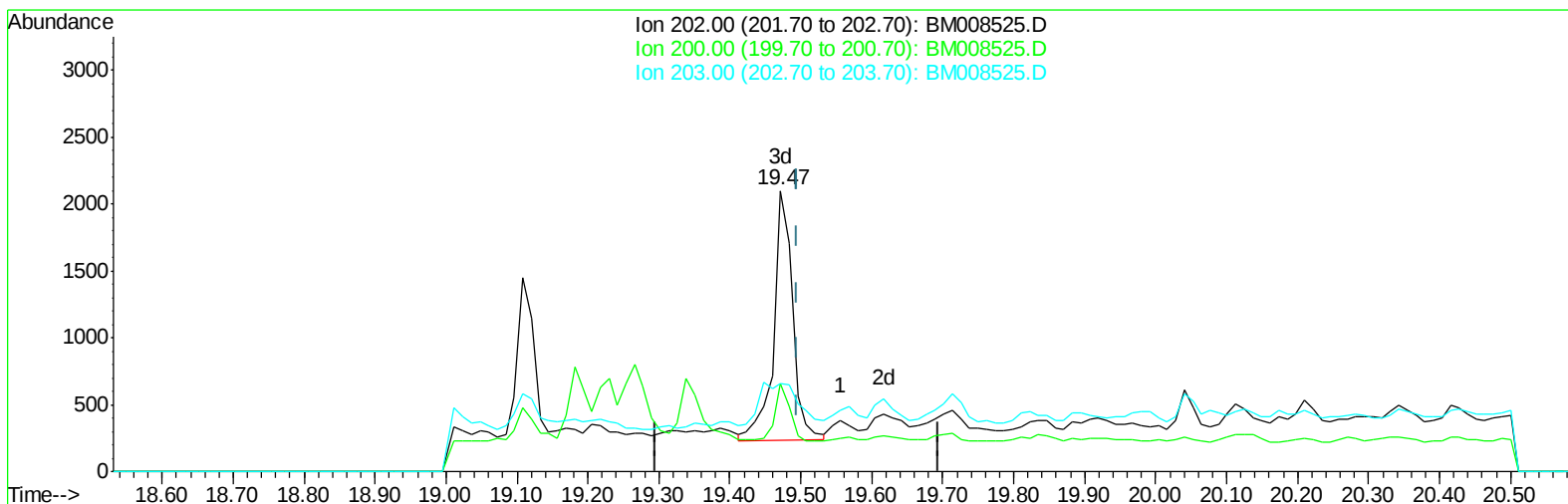
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Manual Integrations
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Sohil
12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:31:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008525.D

(17) Pyrene

19.471min (-0.024) 0.64ng/ul m

response 3508

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	31.24#
203.00	19.50	31.52#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008525.D
 Acq On : 21 Dec 2016 20:00
 Operator : UM/SJ
 Sample : H5995-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA885

Manual Integrations
 APPROVED

Sohil
 12/22/2016 12:35:33 PM

Quant Time: Dec 22 10:33:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	489m	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.42	136	1630m	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.28	164	1618m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1595m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1414m	0.40	ng/ul	-0.01
20) Perylene-d12	23.47	264	1598	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	848m	0.34	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1628m	0.37	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.46	128	66963m	14.60	ng/ul	
5) 2-Methylnaphthalene	12.08	142	52818m	17.11	ng/ul	
8) Acenaphthene	14.35	153	3275m	0.59	ng/ul	
9) Fluorene	15.34	166	10569m	1.68	ng/ul	
12) Phenanthrene	17.07	178	9338m	1.92	ng/ul	
13) Anthracene	17.18	178	2849m	0.60	ng/ul	
15) Fluoranthene	19.11	202	2054m	0.34	ng/ul	
17) Pyrene	19.47	202	3508m	0.64	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008525.D
Acq On : 21 Dec 2016 20:00
Operator : UM/SJ
Sample : H5995-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA885

Quant Time: Dec 22 10:33:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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Sohil
12/22/2016 12:35:33 PM

