

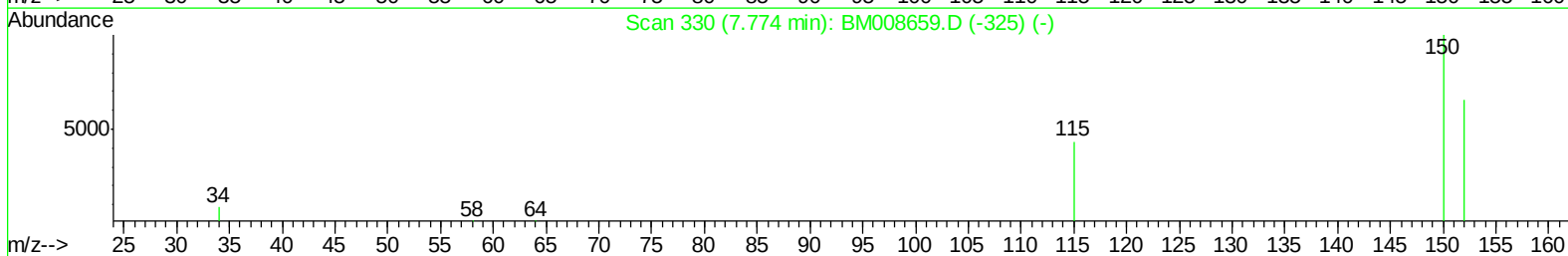
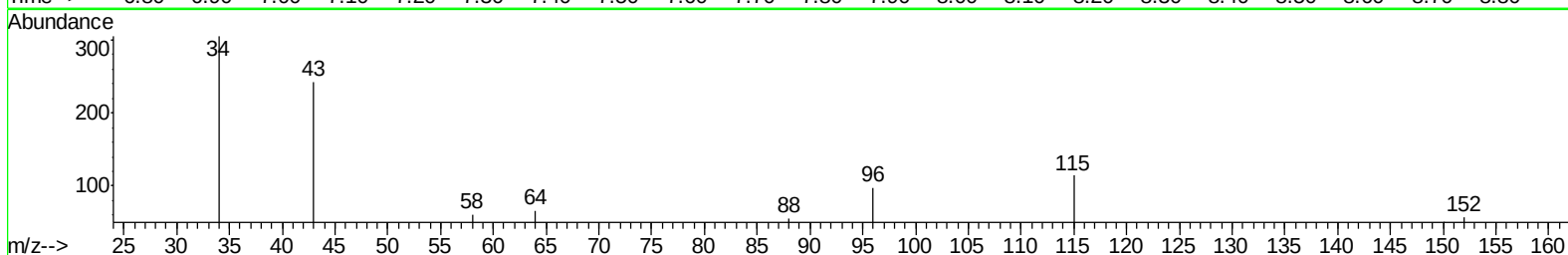
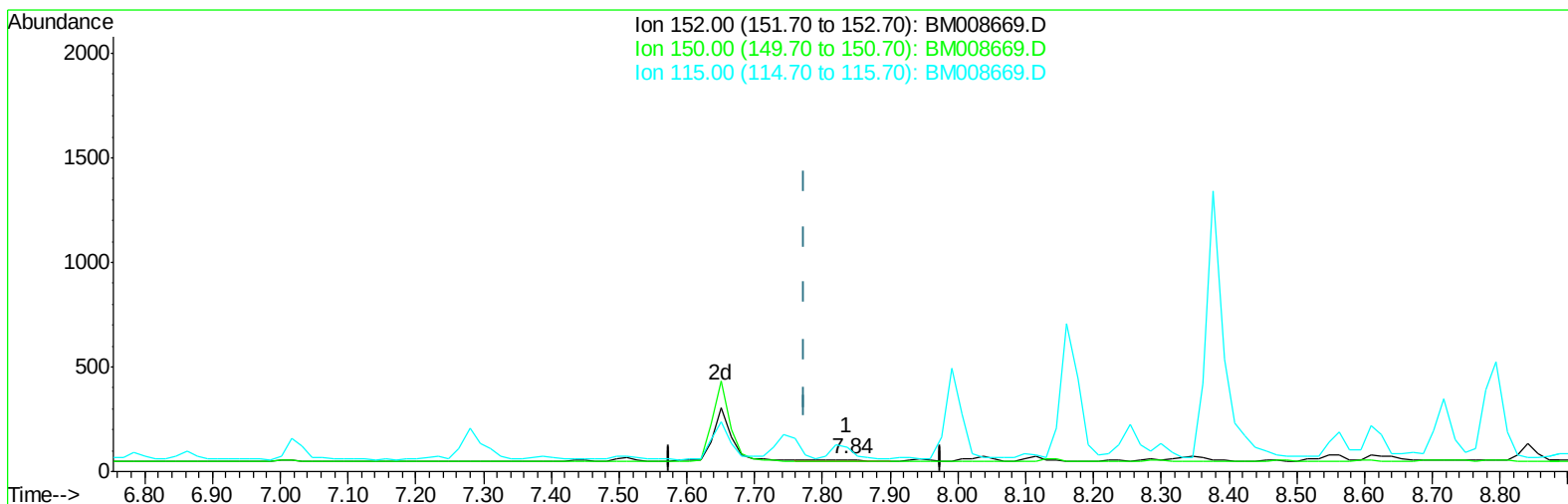
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

sohil  
12/26/2016 6:29:51 PM

Quant Time: Dec 26 03:29:36 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: BM008669.D

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

7.836min (+0.062) 0.40ng/ul

response 29

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 152.00 | 100    | 100     |
| 150.00 | 143.40 | 87.72#  |
| 115.00 | 64.90  | 200.00# |
| 0.00   | 0.00   | 0.00    |

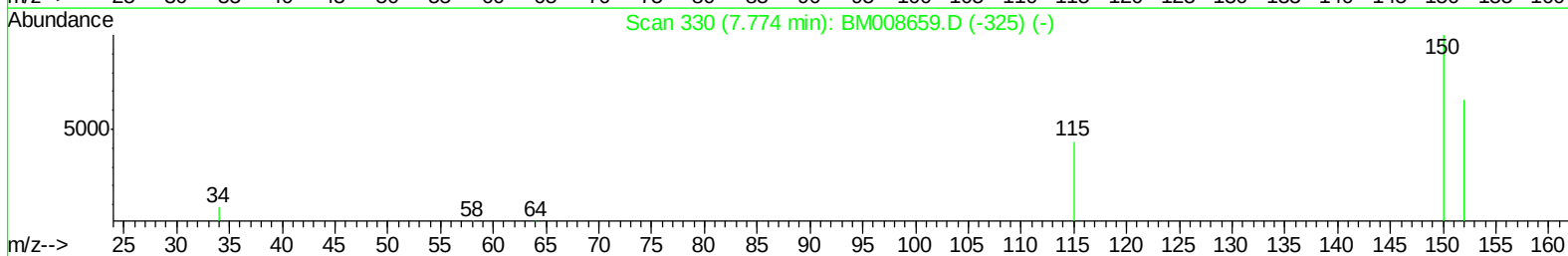
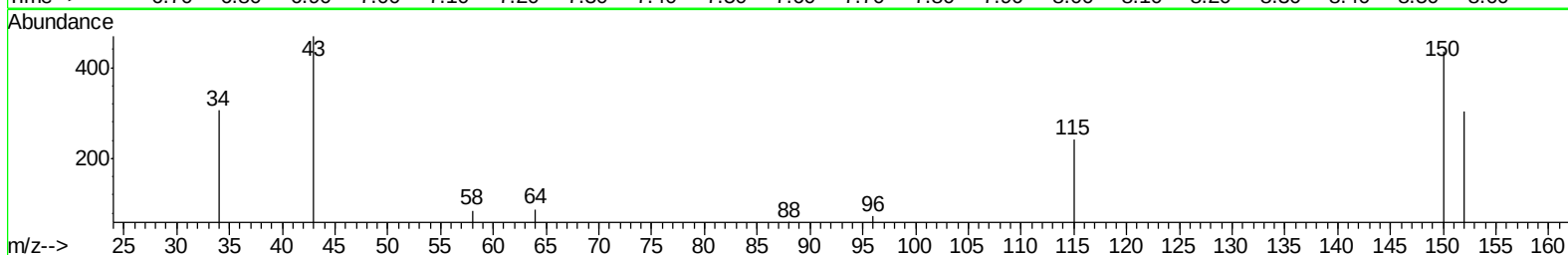
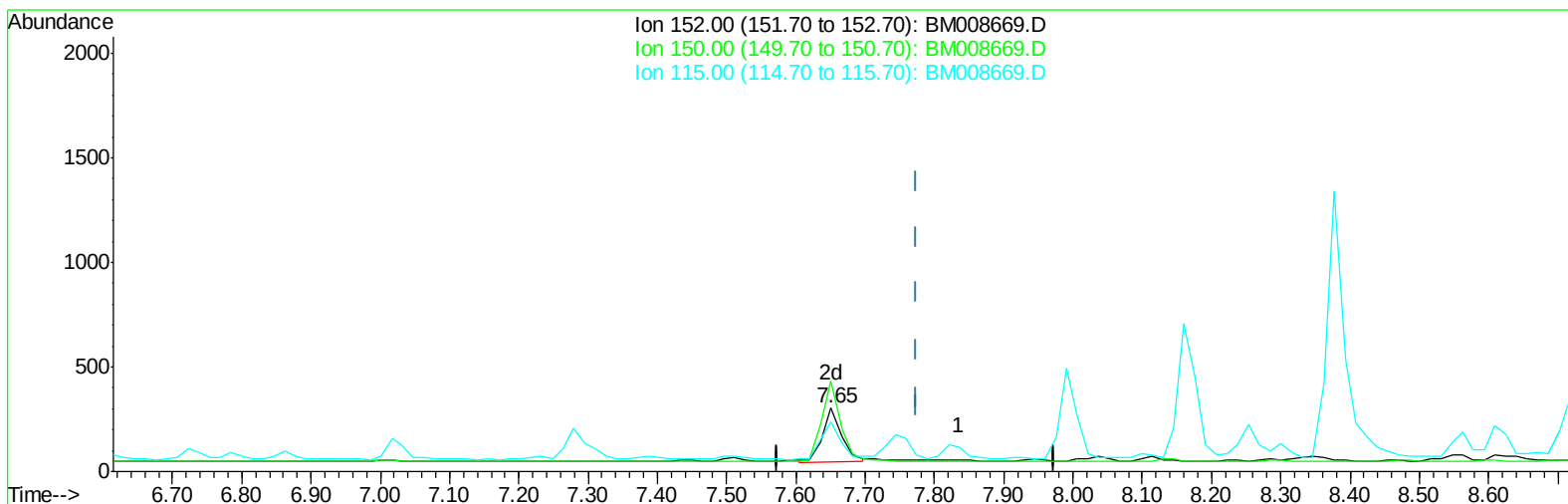
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

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12/26/2016 6:29:51 PM

Quant Time: Dec 26 03:29:36 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: BM008669.D

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

7.650min (-0.124) 0.40ng/ul m

response 501

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100    | 100    |
| 150.00 | 143.40 | 143.56 |
| 115.00 | 64.90  | 79.54# |
| 0.00   | 0.00   | 0.00   |

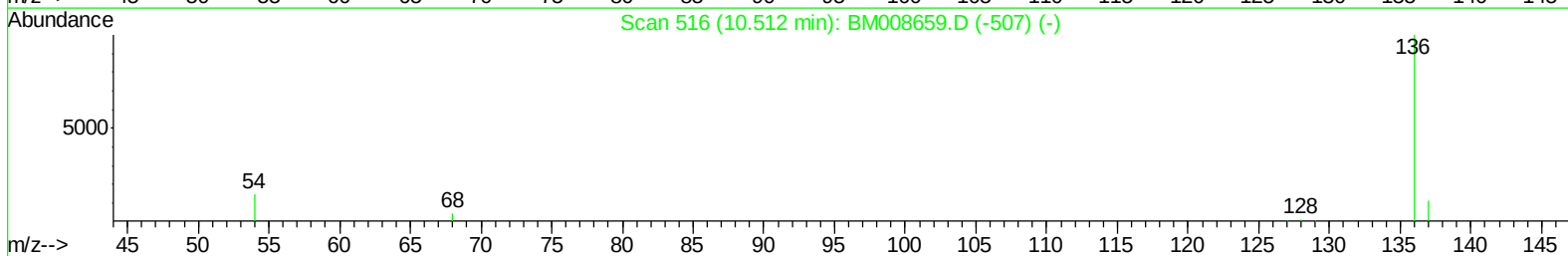
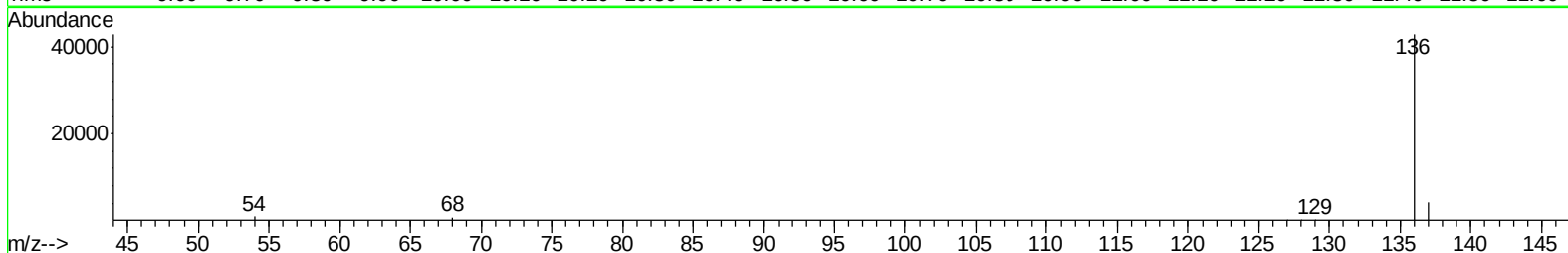
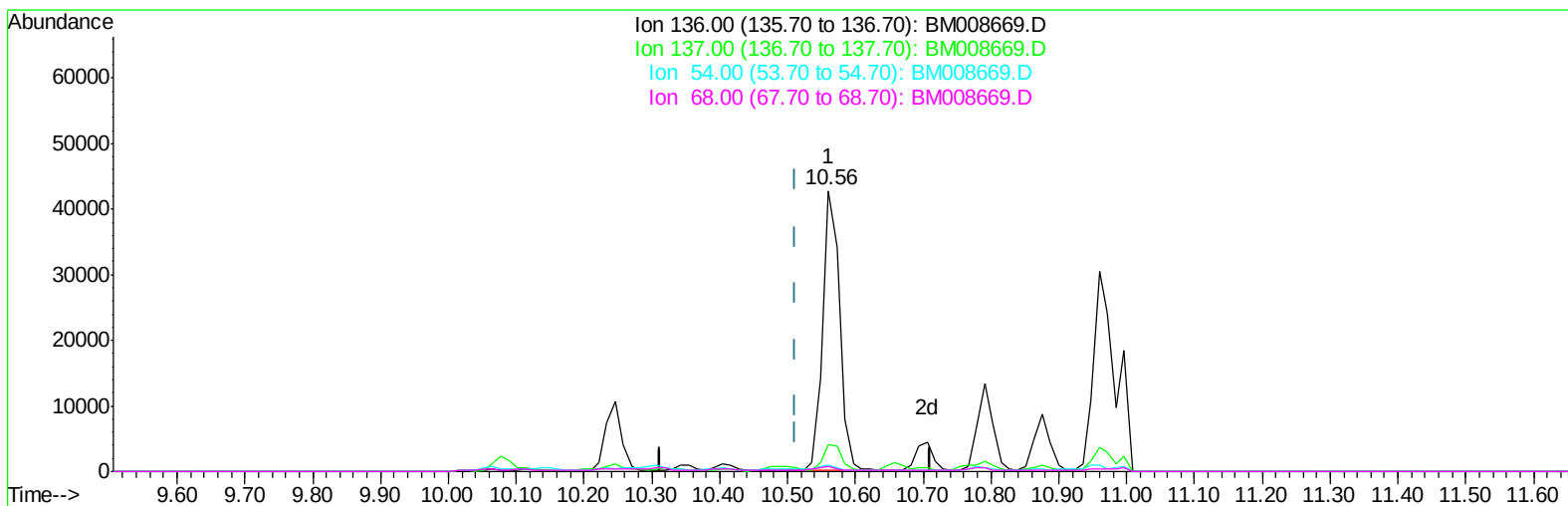
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

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Quant Time: Dec 26 03:29:36 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: BM008669.D

(2) Naphthalene-d8 (I)

10.561min (+0.049) 0.40ng/ul

response 73637

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 136.00 | 100   | 100   |
| 137.00 | 13.90 | 9.62# |
| 54.00  | 15.50 | 2.37# |
| 68.00  | 9.90  | 1.91# |

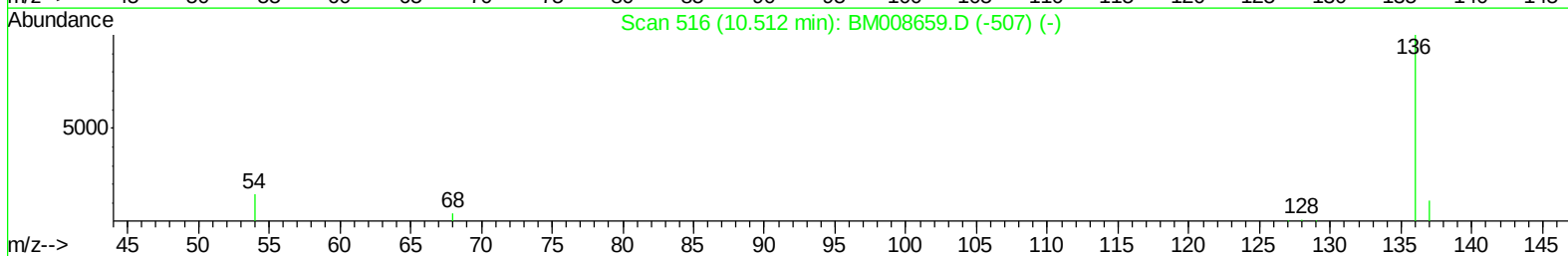
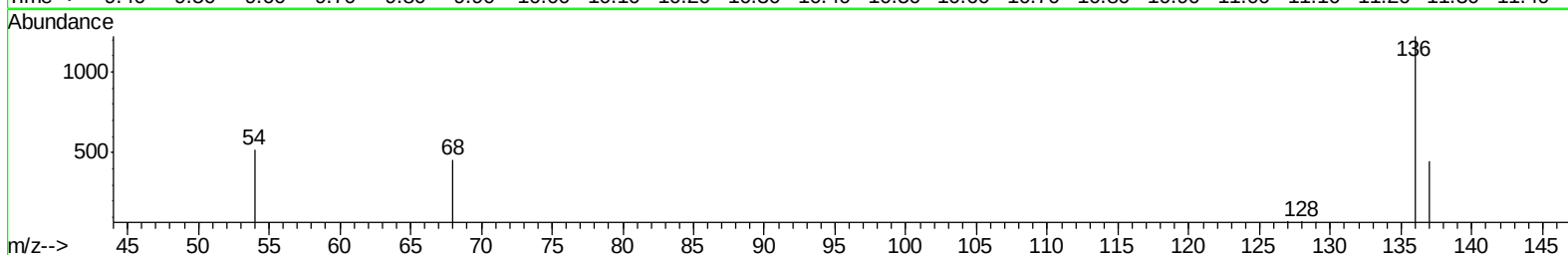
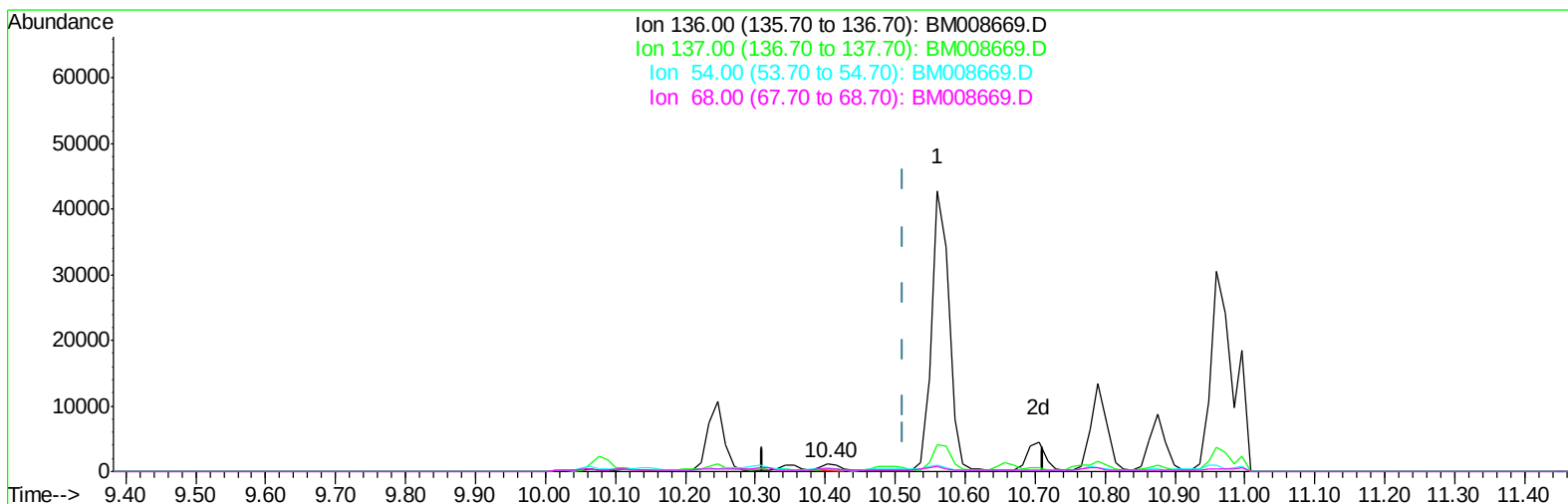
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
DA864DL

Manual Integrations  
APPROVED

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Quant Time: Dec 26 03:29:36 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: BM008669.D

(2) Naphthalene-d8 (I)

10.403min (-0.109) 0.40ng/ul m

response 1896

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 136.00 | 100   | 100    |
| 137.00 | 13.90 | 36.48# |
| 54.00  | 15.50 | 42.38# |
| 68.00  | 9.90  | 37.05# |

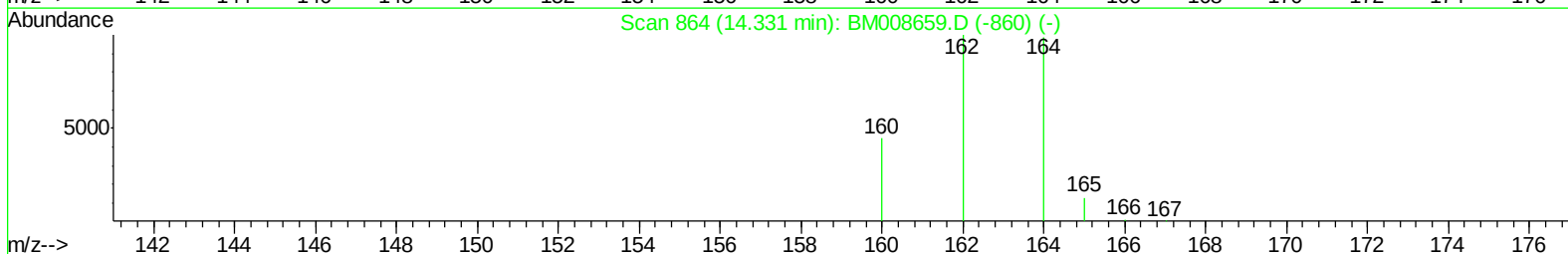
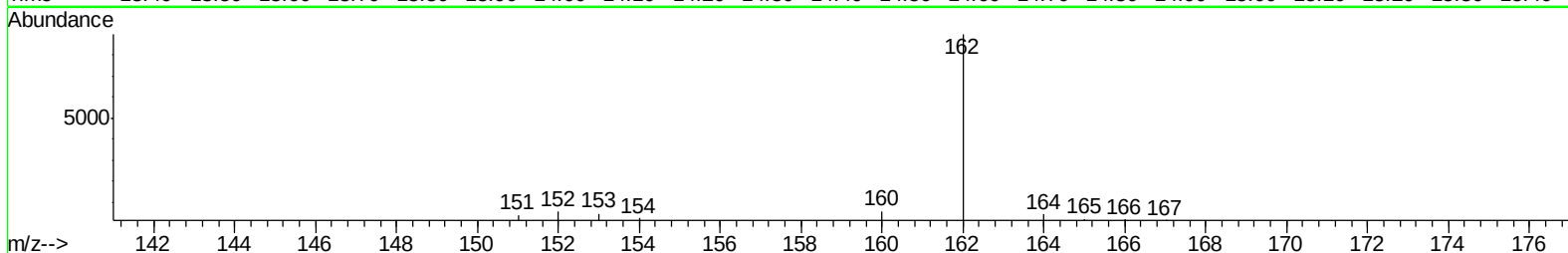
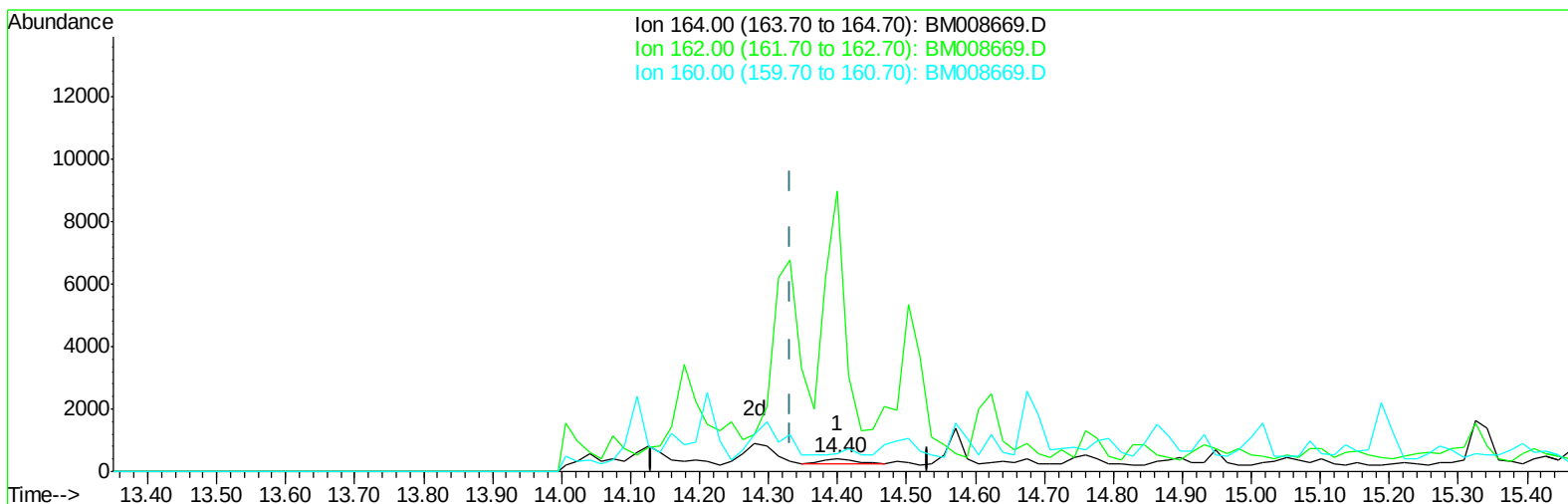
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Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
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Quant Time: Dec 26 03:29:36 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: BM008669.D

(6) Acenaphthene-d10 (I)  
14.400min (+0.069) 0.40ng/ul  
response 560

| Ion    | Exp%  | Act%     |
|--------|-------|----------|
| 164.00 | 100   | 100      |
| 162.00 | 98.60 | 2122.46# |
| 160.00 | 48.80 | 131.44#  |
| 0.00   | 0.00  | 0.00     |

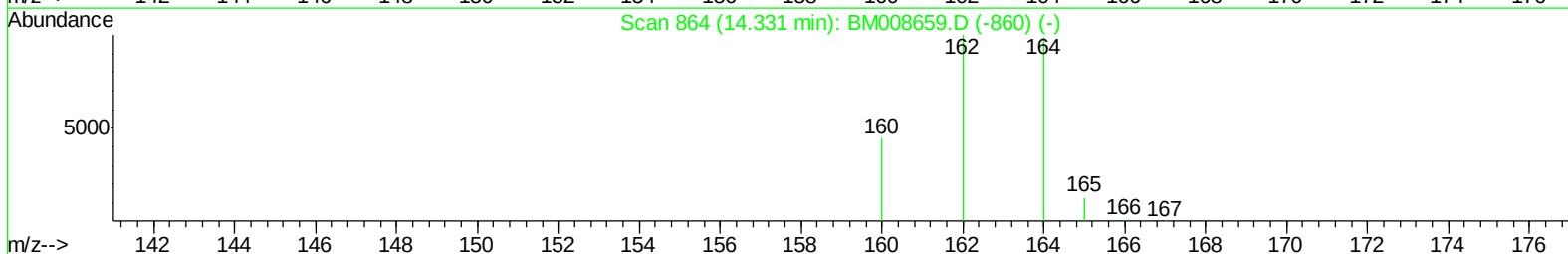
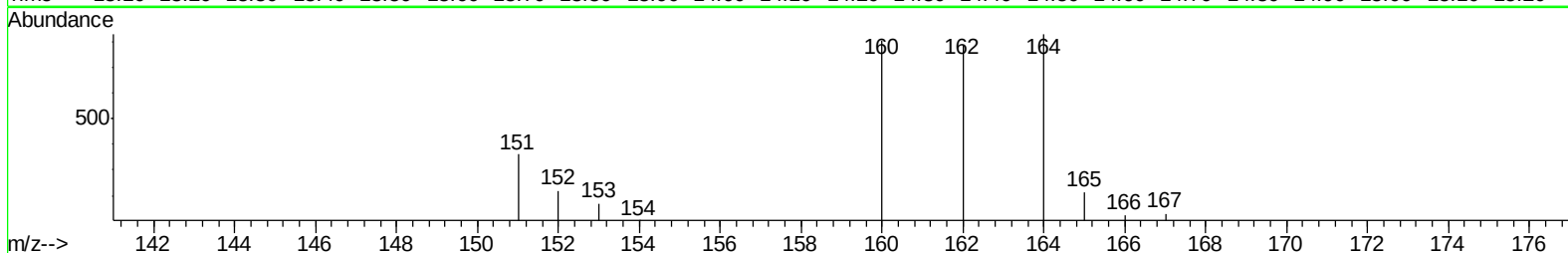
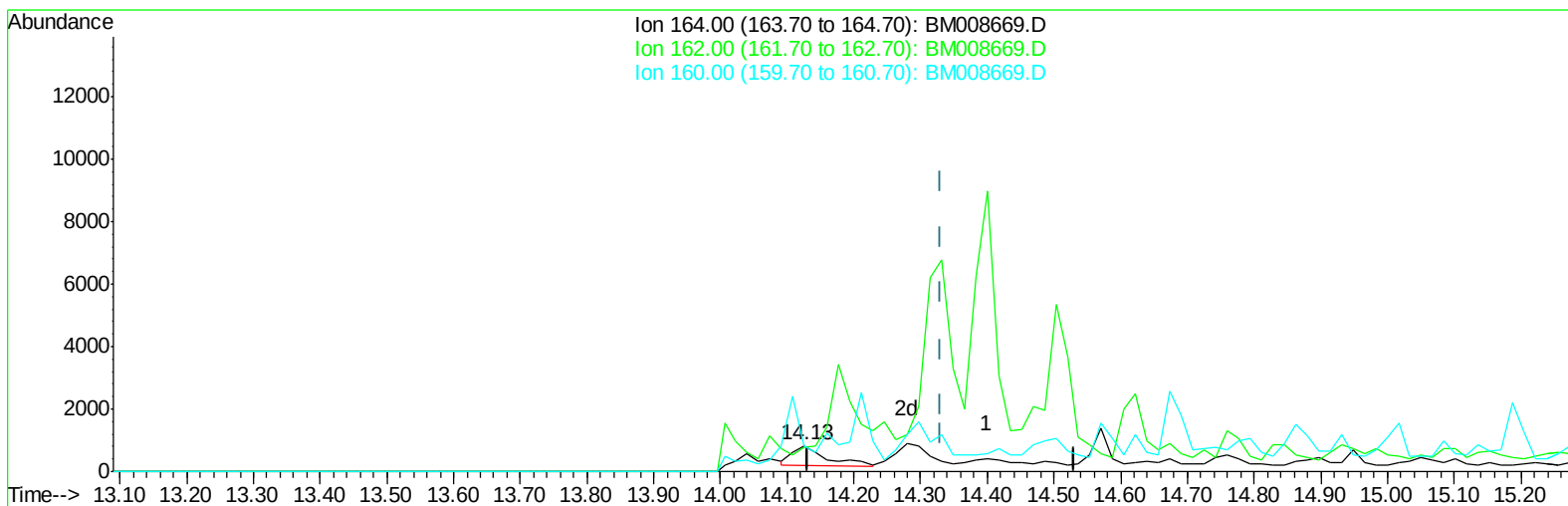
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
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Quant Time: Dec 26 03:29:36 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: BM008669.D

(6) Acenaphthene-d10 (I)

14.126min (-0.205) 0.40ng/ul m

response 2170

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 164.00 | 100   | 100    |
| 162.00 | 98.60 | 94.82  |
| 160.00 | 48.80 | 96.87# |
| 0.00   | 0.00  | 0.00   |

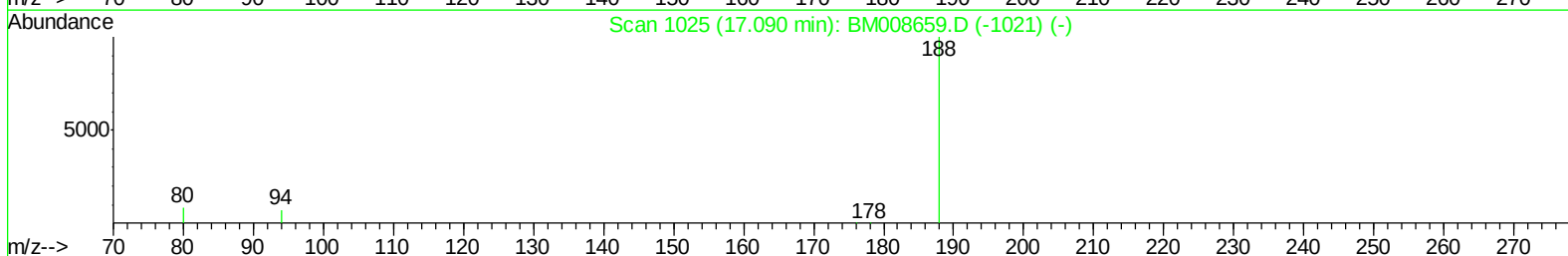
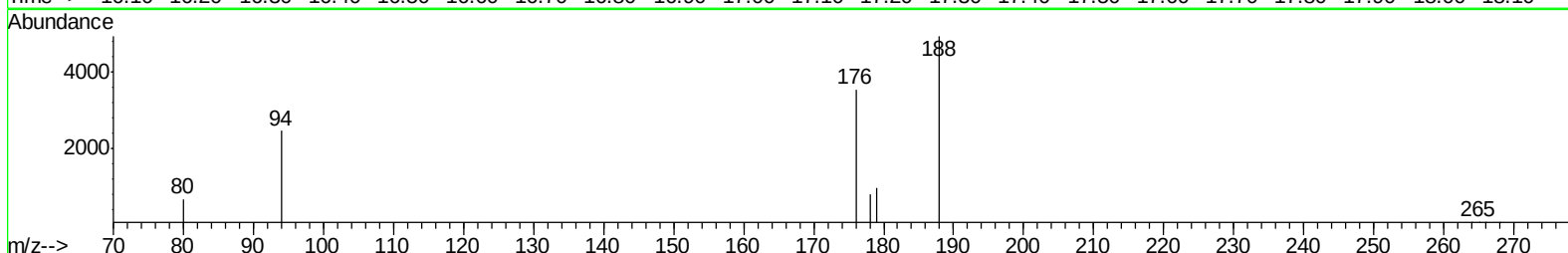
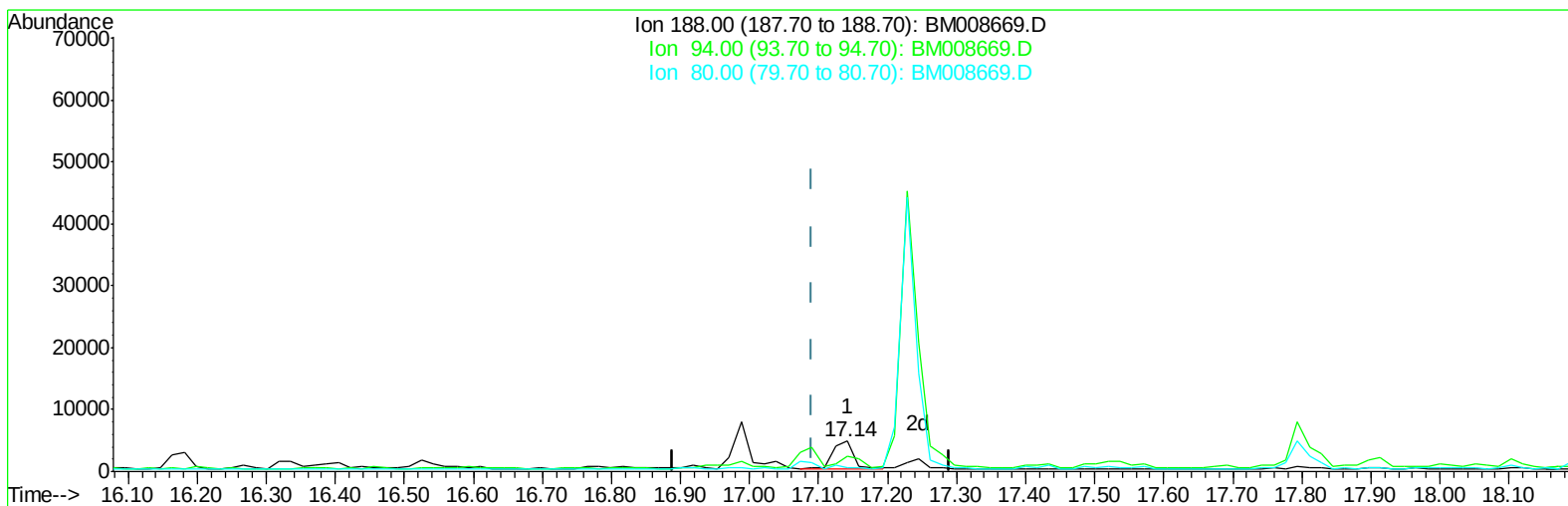
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Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
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Quant Time: Dec 26 03:29:36 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: BM008669.D

(10) Phenanthrene-d10 (I)

17.142min (+0.052) 0.40ng/ul

response 9487

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 49.82# |
| 80.00  | 11.80 | 13.60  |
| 0.00   | 0.00  | 0.00   |

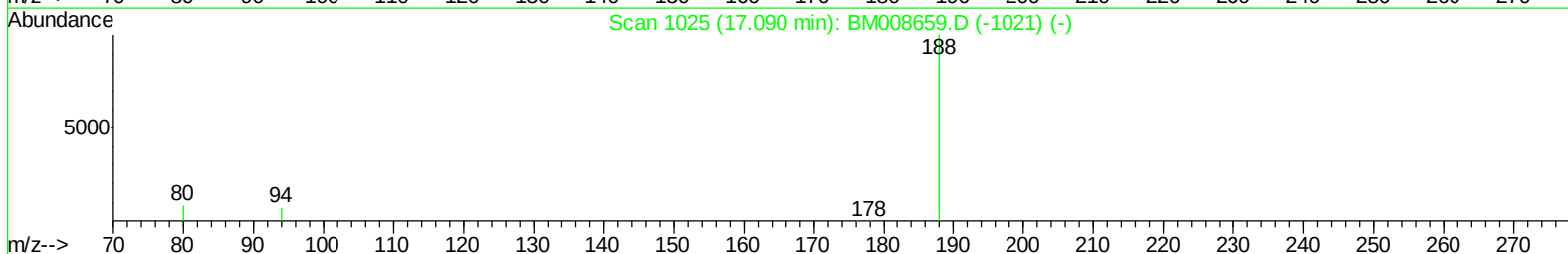
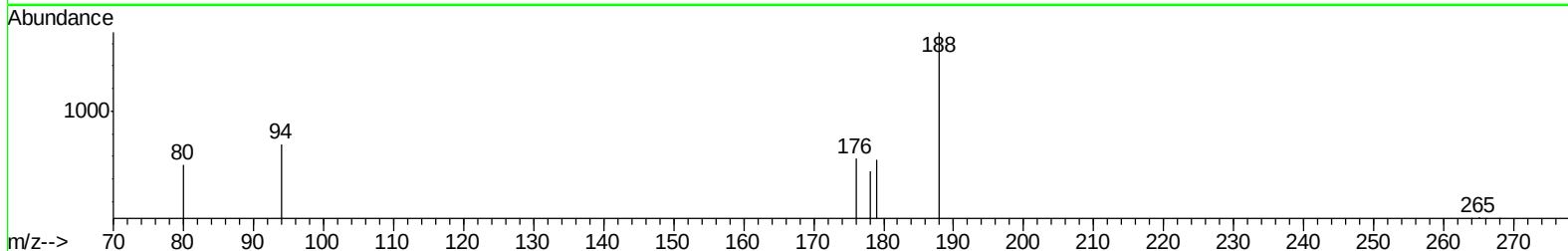
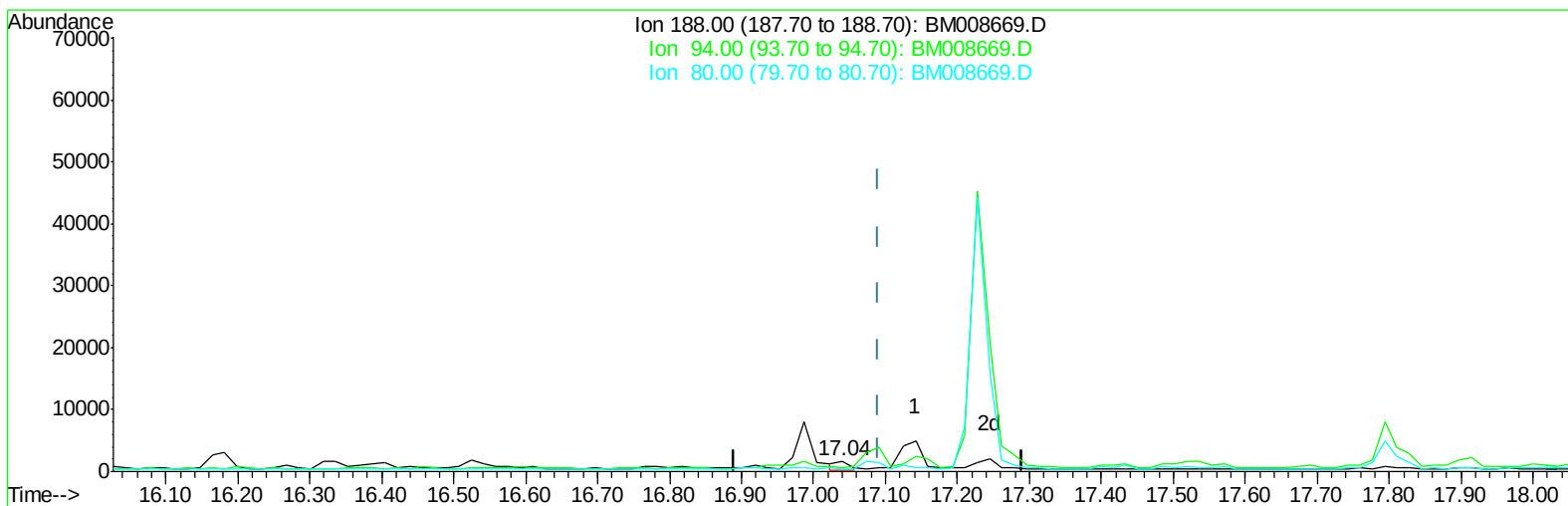
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

sohil  
12/26/2016 6:29:51 PM

Quant Time: Dec 26 03:29:36 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: BM008669.D

(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul m

response 1930

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 41.92# |
| 80.00  | 11.80 | 30.72# |
| 0.00   | 0.00  | 0.00   |



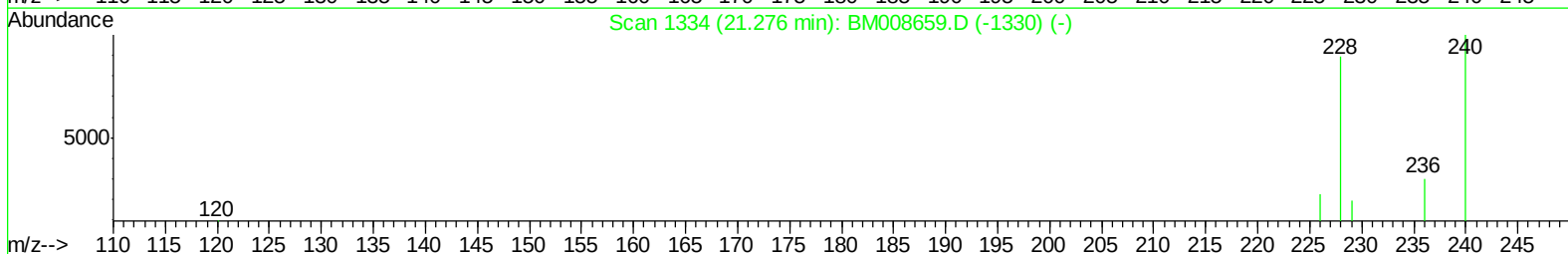
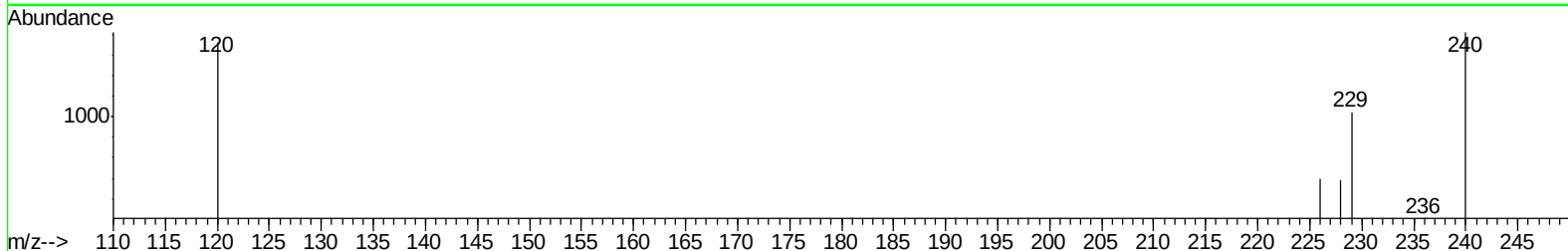
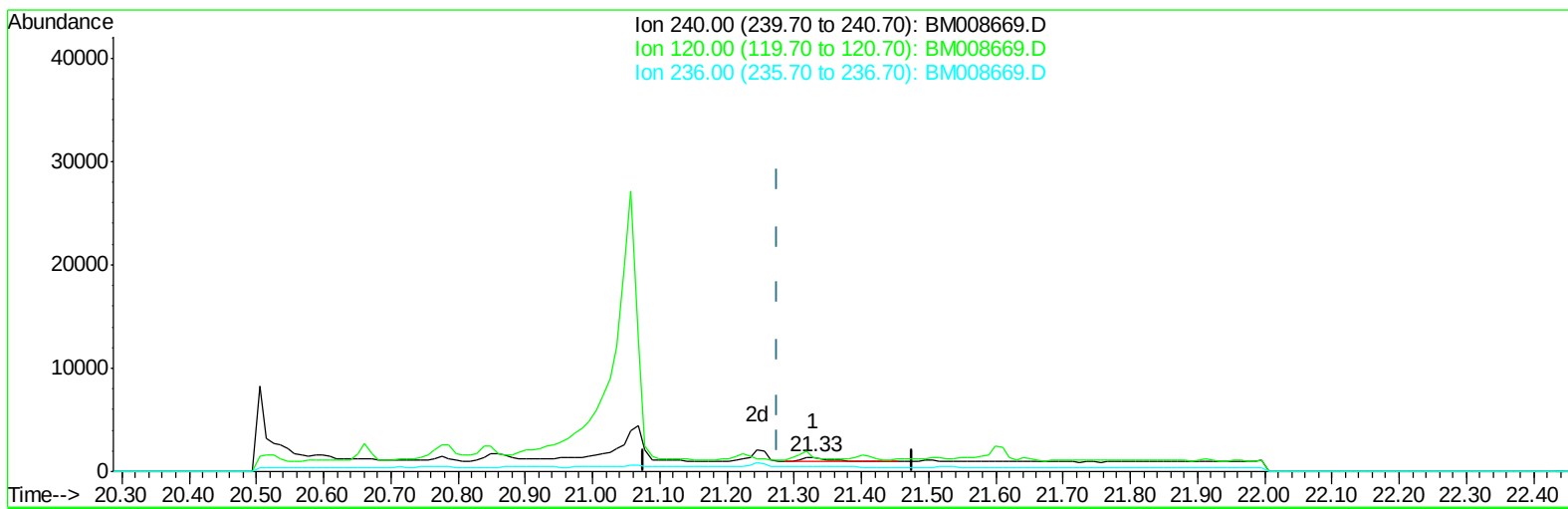
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
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Quant Time: Dec 26 03:29:36 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: BM008669.D

(16) Chrysene-d12 (I)

21.328min (+0.052) 0.40ng/ul

response 1169

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 96.67# |
| 236.00 | 34.90 | 35.67  |
| 0.00   | 0.00  | 0.00   |

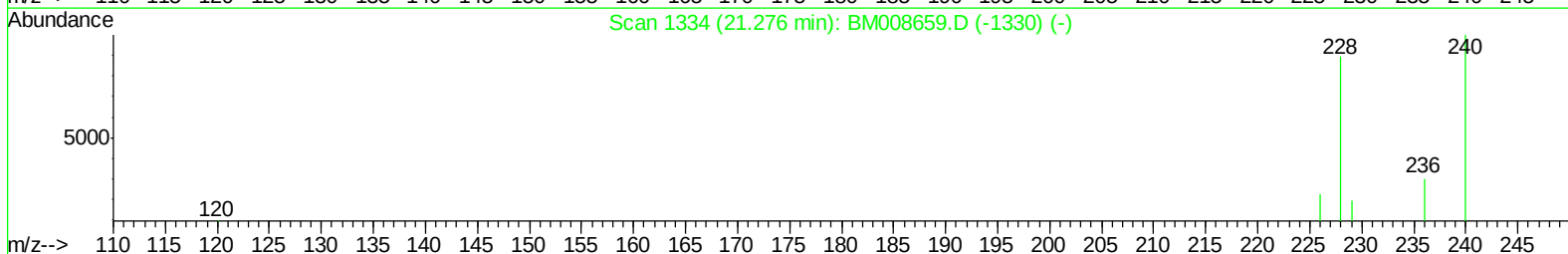
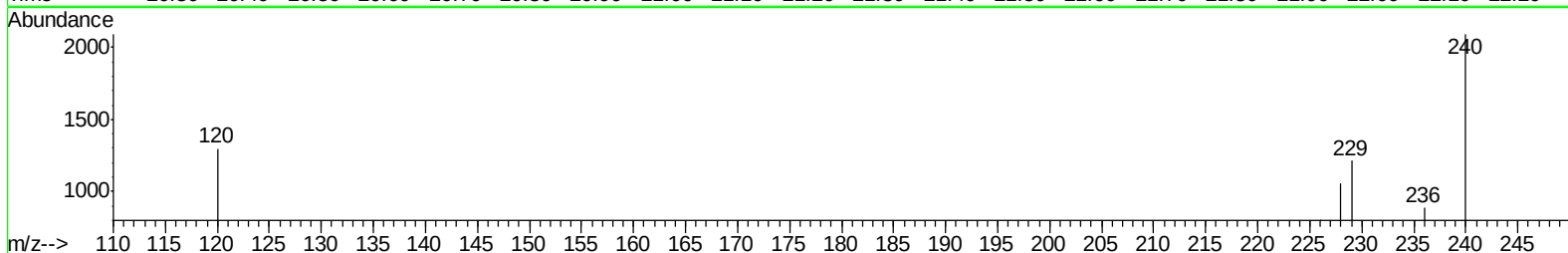
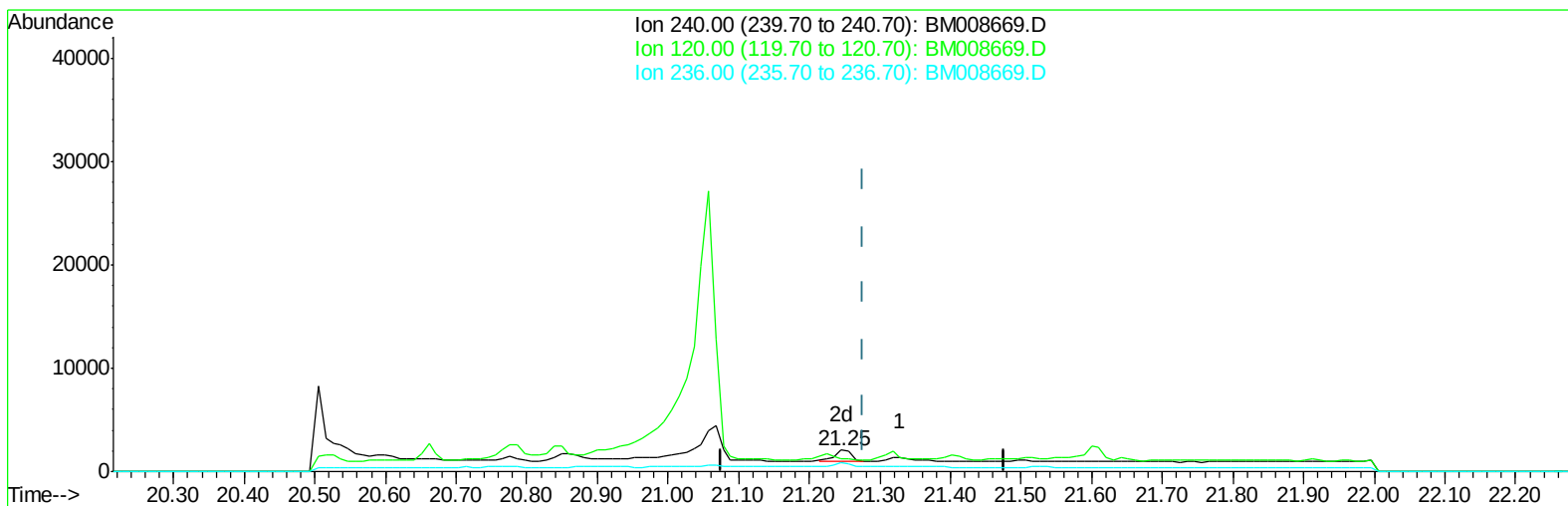
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
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Quant Time: Dec 26 03:29:36 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: BM008669.D

(16) Chrysene-d12 (I)

21.245min (-0.031) 0.40ng/ul m

response 1868

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 61.90# |
| 236.00 | 34.90 | 42.40# |
| 0.00   | 0.00  | 0.00   |

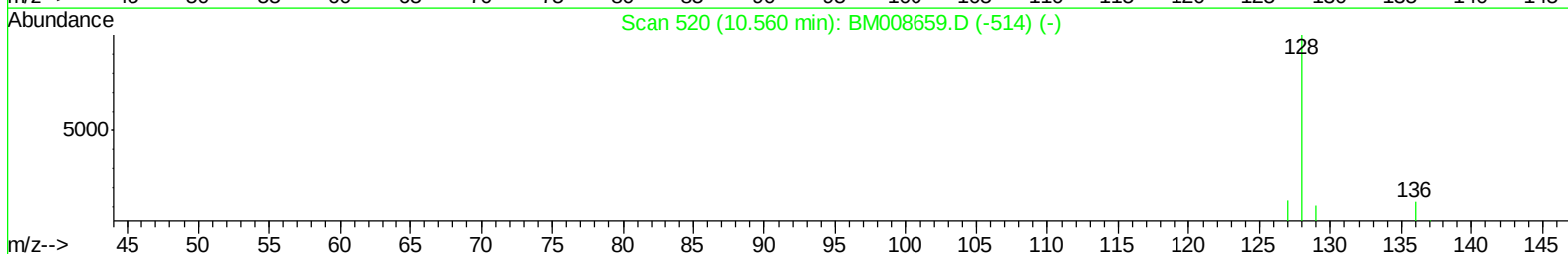
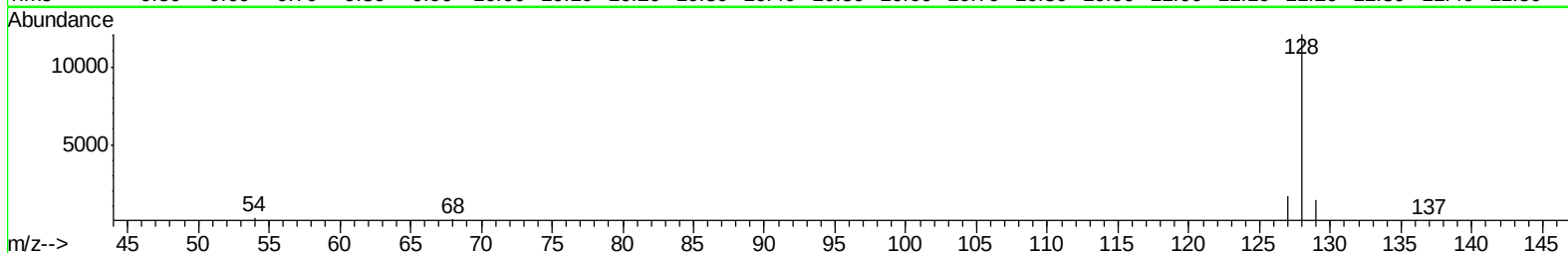
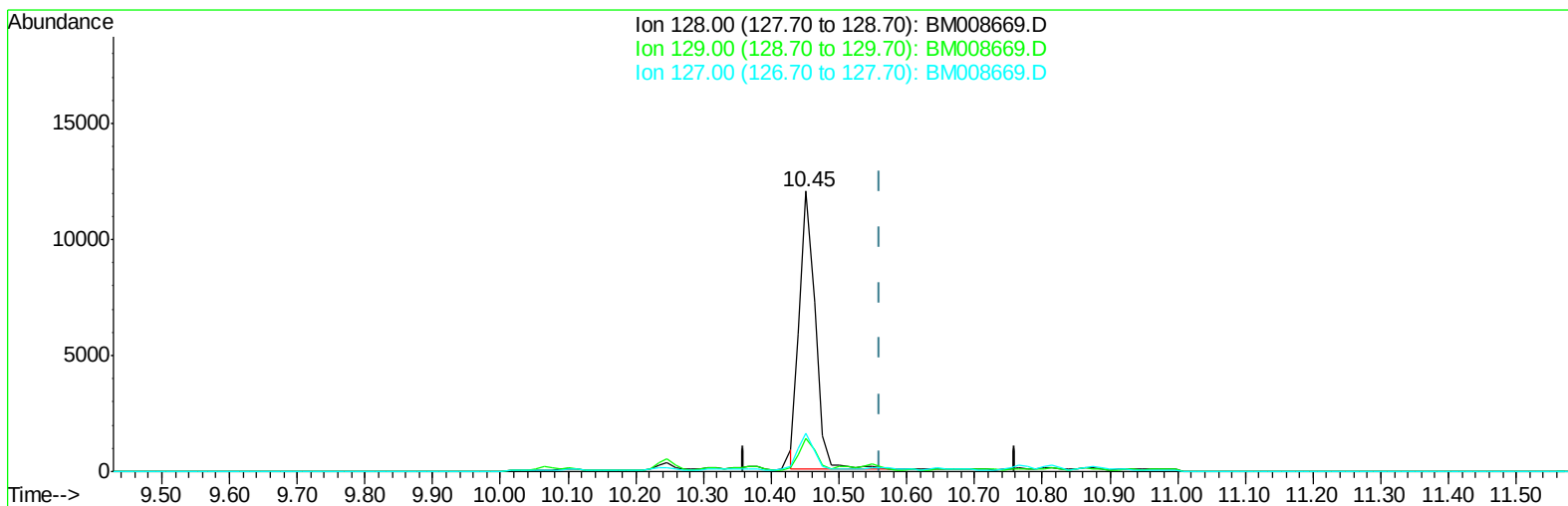
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Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

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Quant Time: Dec 26 04:51:56 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: BM008669.D

(3) Naphthalene

10.452min (-0.109) 3.72ng/ul

response 19840

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 128.00 | 100   | 100   |
| 129.00 | 14.10 | 11.80 |
| 127.00 | 16.00 | 13.78 |
| 0.00   | 0.00  | 0.00  |

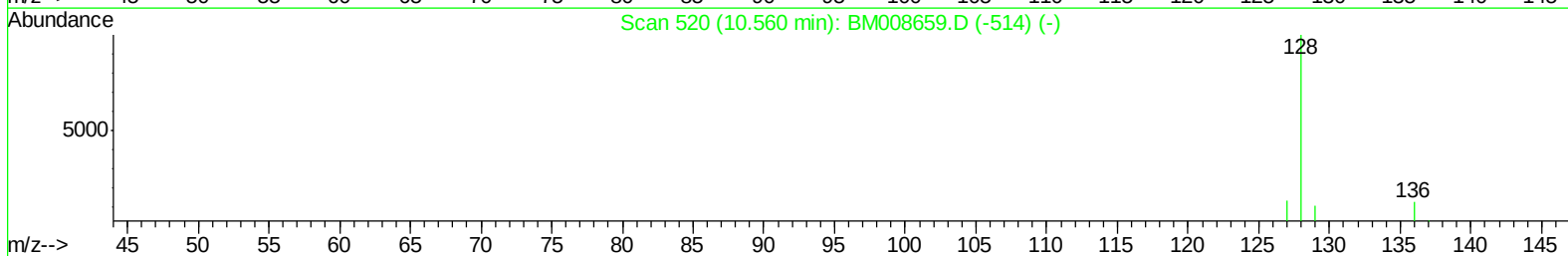
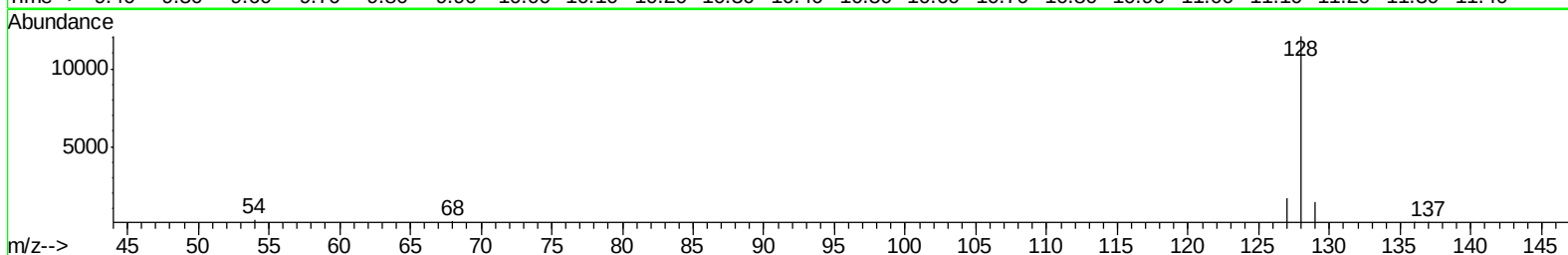
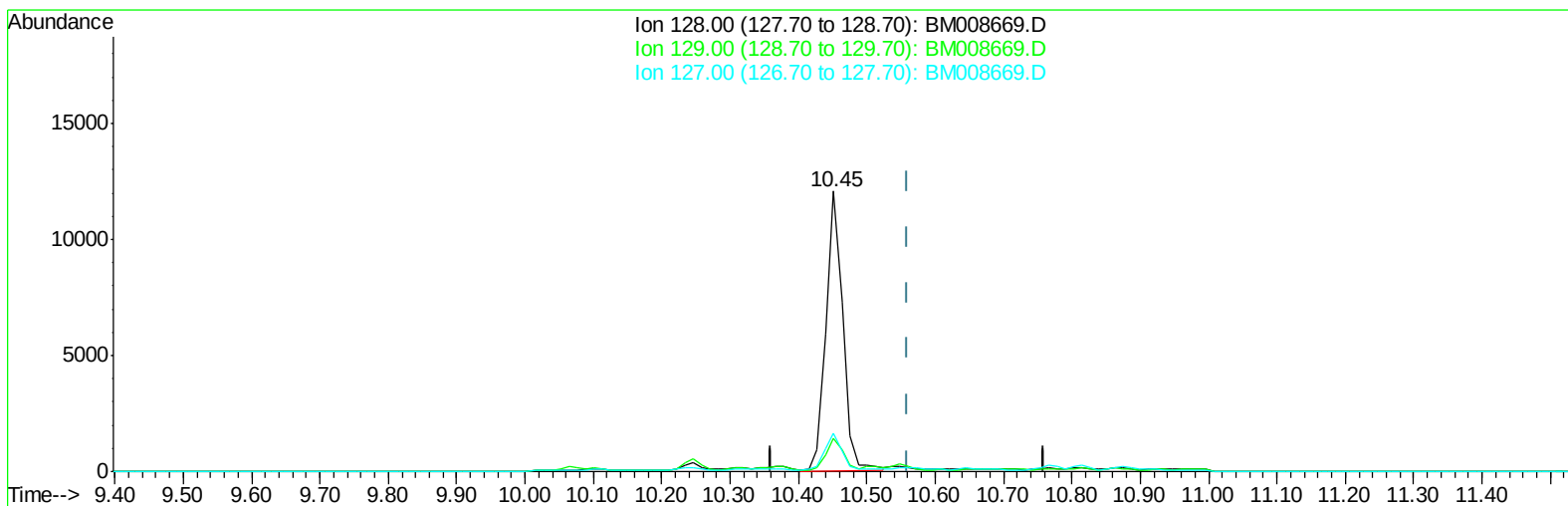
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

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Quant Time: Dec 26 04:51:56 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: BM008669.D

(3) Naphthalene

10.452min (-0.109) 3.88ng/ul m

response 20710

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 128.00 | 100   | 100   |
| 129.00 | 14.10 | 11.80 |
| 127.00 | 16.00 | 13.78 |
| 0.00   | 0.00  | 0.00  |

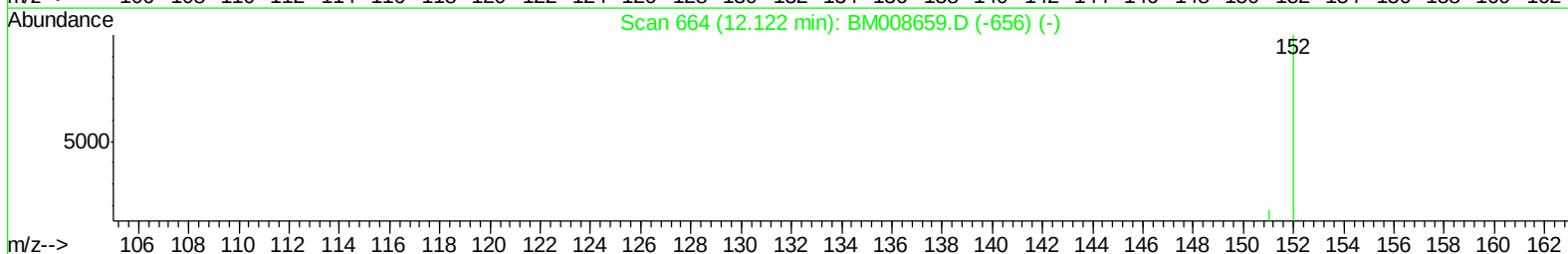
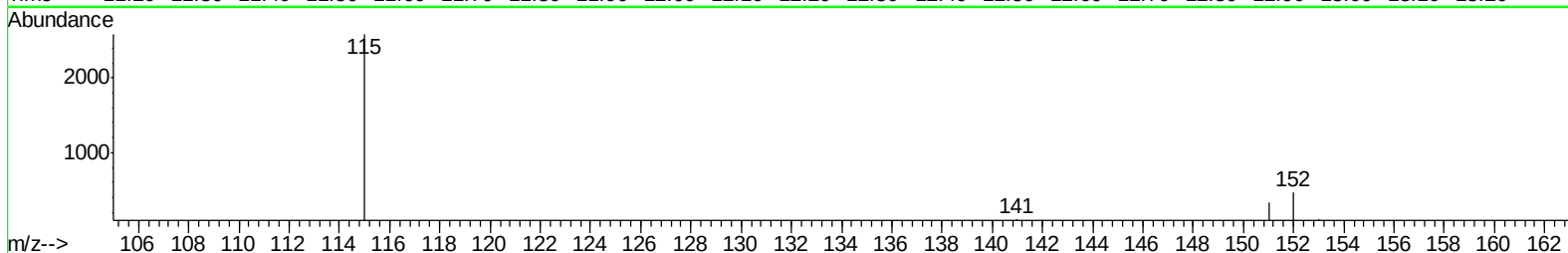
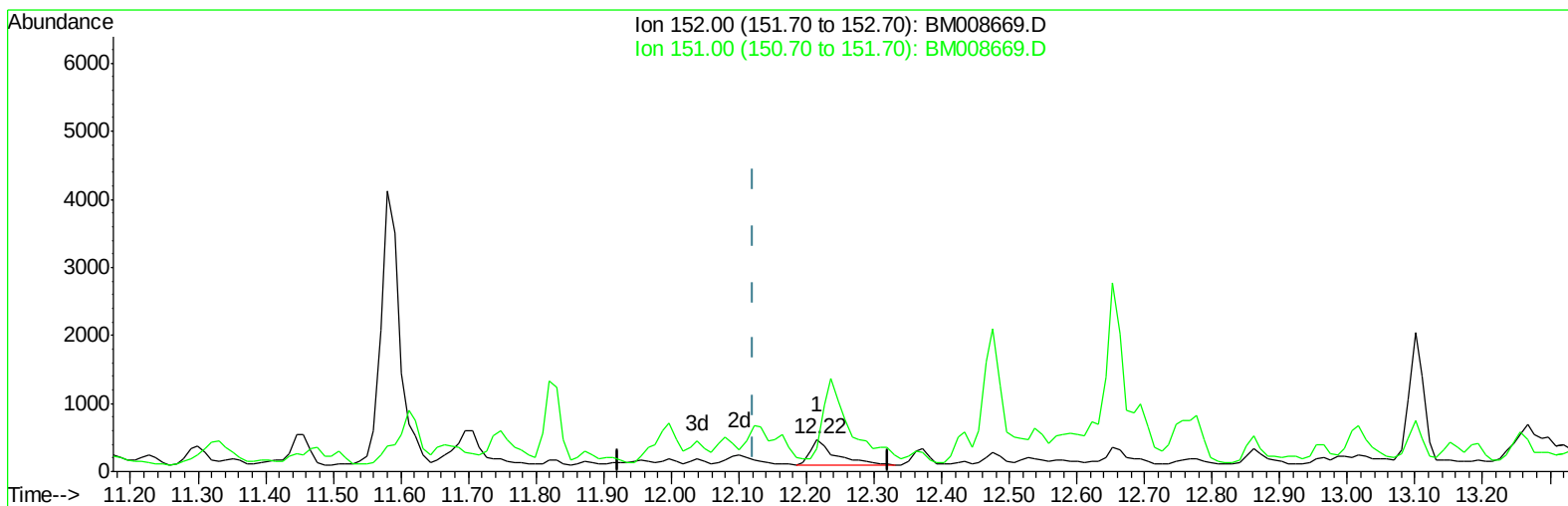
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

sohil  
12/26/2016 6:29:51 PM

Quant Time: Dec 26 04:54:37 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: BM008669.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.216min (+0.094) 0.33ng/ul

response 951

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

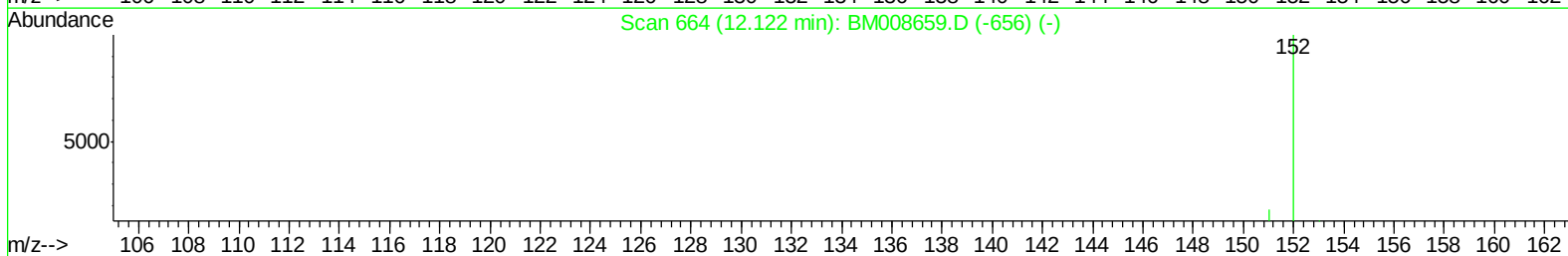
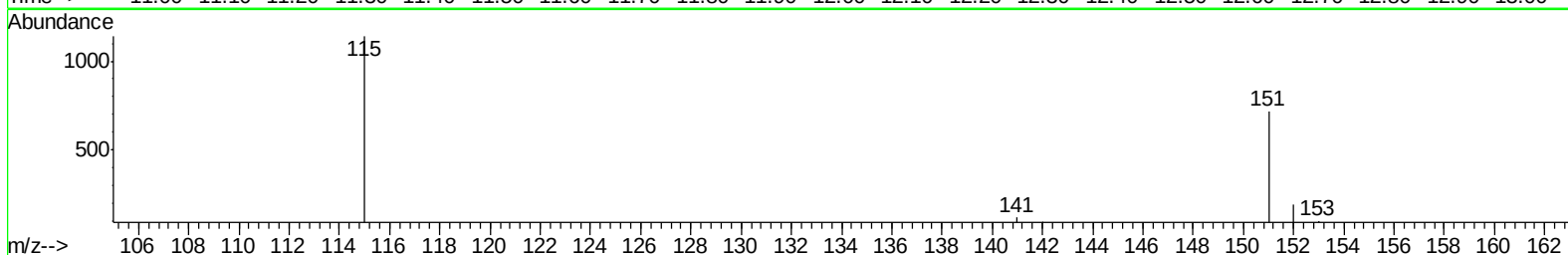
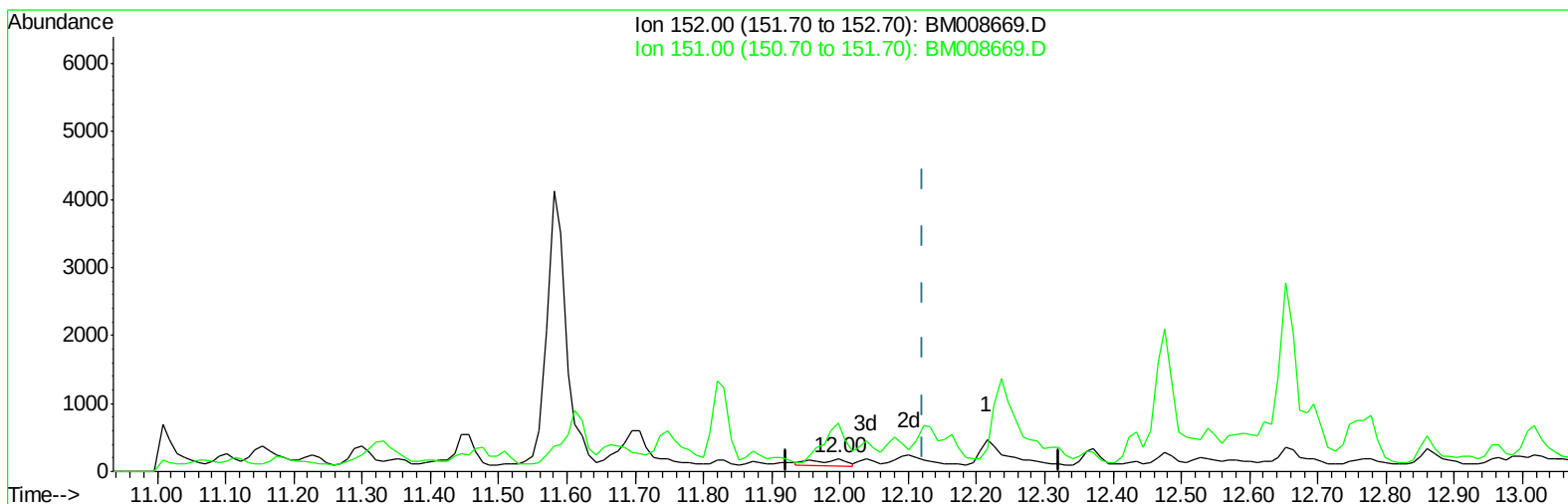
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

sohil  
12/26/2016 6:29:51 PM

Quant Time: Dec 26 04:54:37 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: BM008669.D

(4) 2-Methylnaphthalene-d10 (SURR)

11.997min (-0.125) 0.12ng/ul m

response 339

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

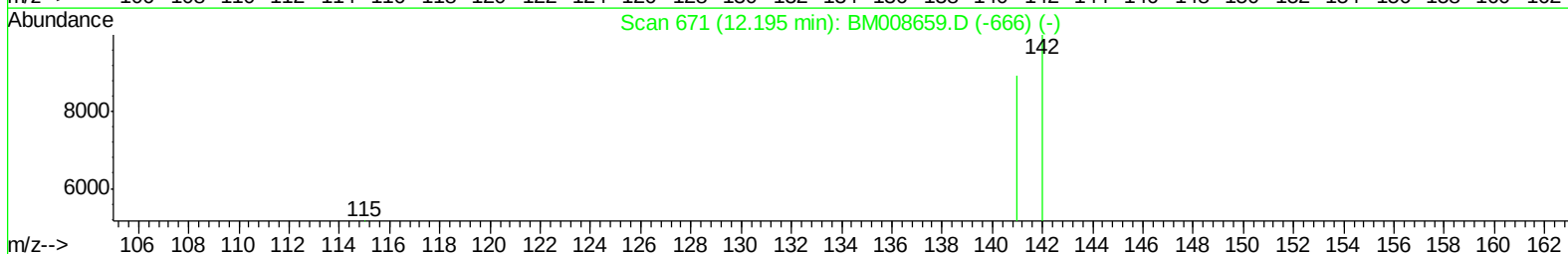
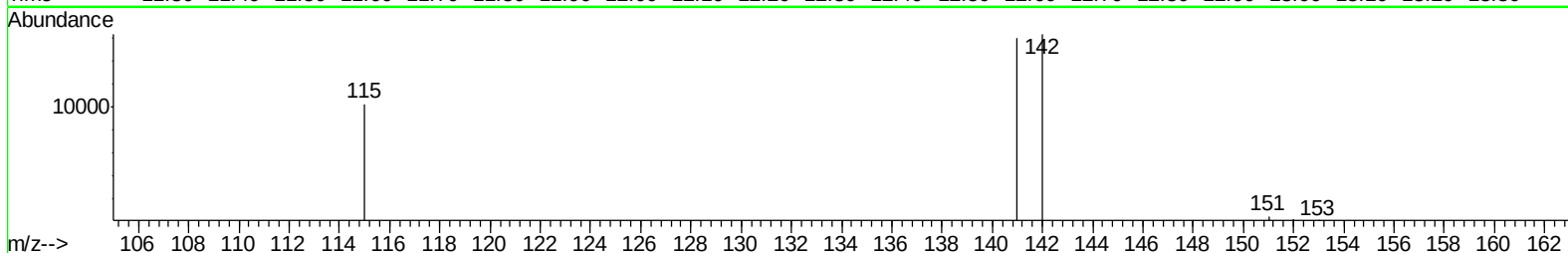
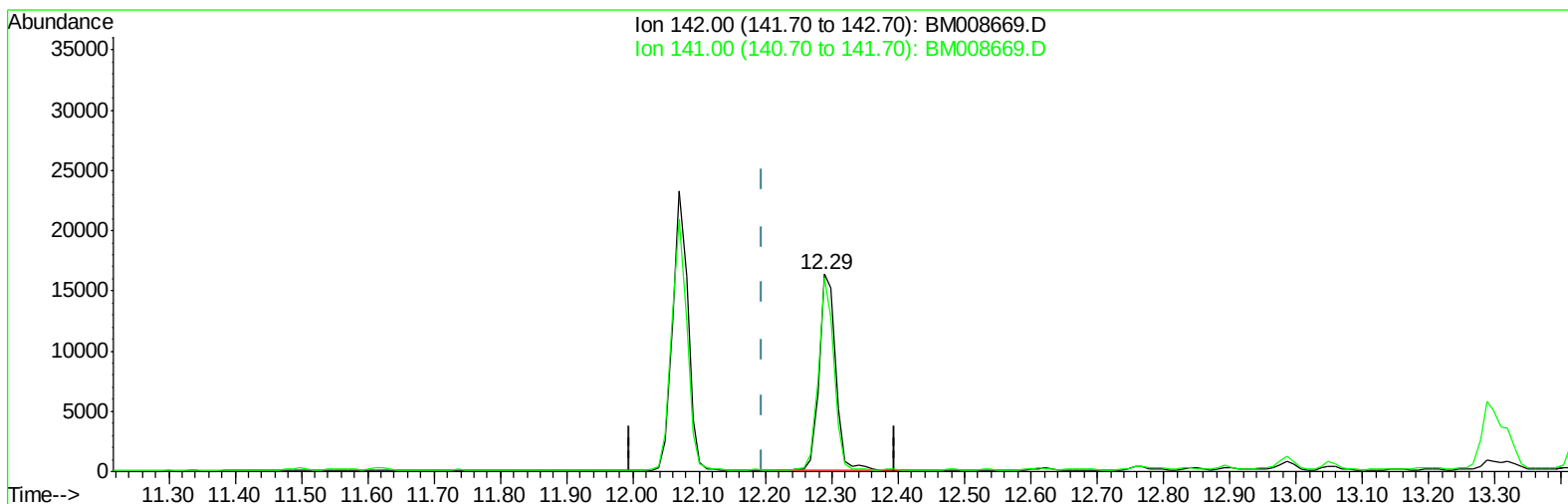
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

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Quant Time: Dec 26 04:54:37 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: BM008669.D

(5) 2-Methylnaphthalene

12.288min (+0.094) 8.04ng/ul

response 28877

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 142.00 | 100   | 100   |
| 141.00 | 90.70 | 91.12 |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |

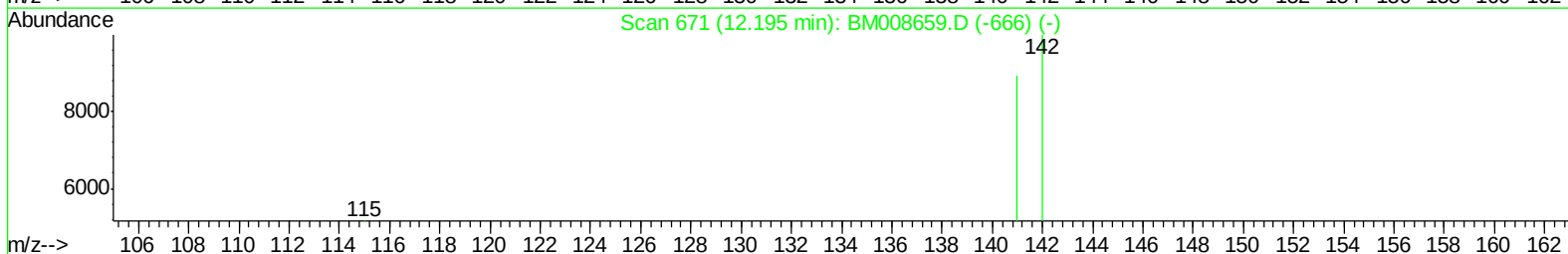
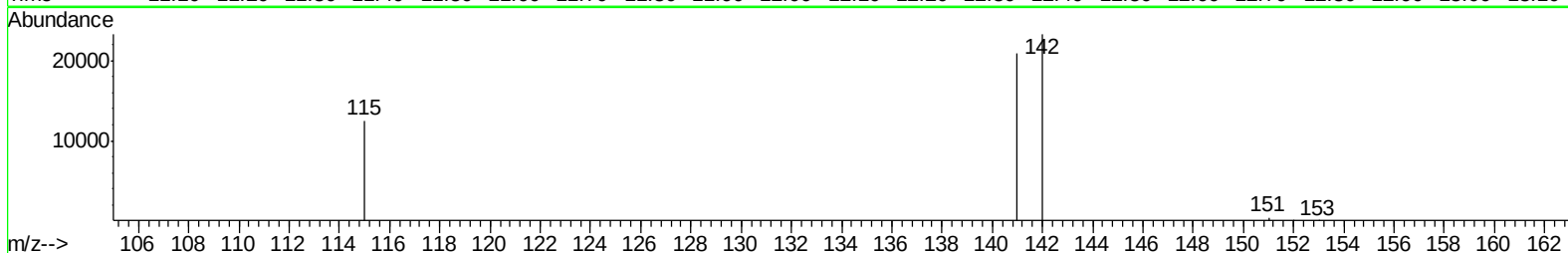
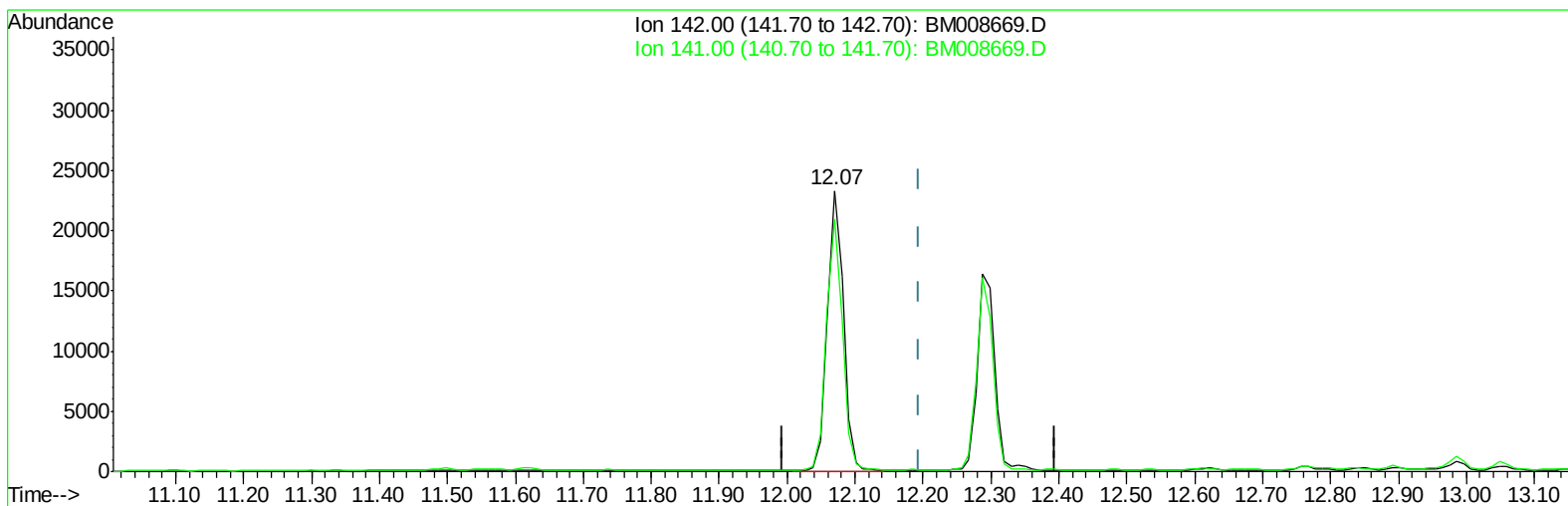
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
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Quant Time: Dec 26 04:54:37 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: BM008669.D

(5) 2-Methylnaphthalene

12.070min (-0.125) 10.48ng/ul m

response 37611

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 142.00 | 100   | 100    |
| 141.00 | 90.70 | 69.96# |
| 0.00   | 0.00  | 0.00   |
| 0.00   | 0.00  | 0.00   |



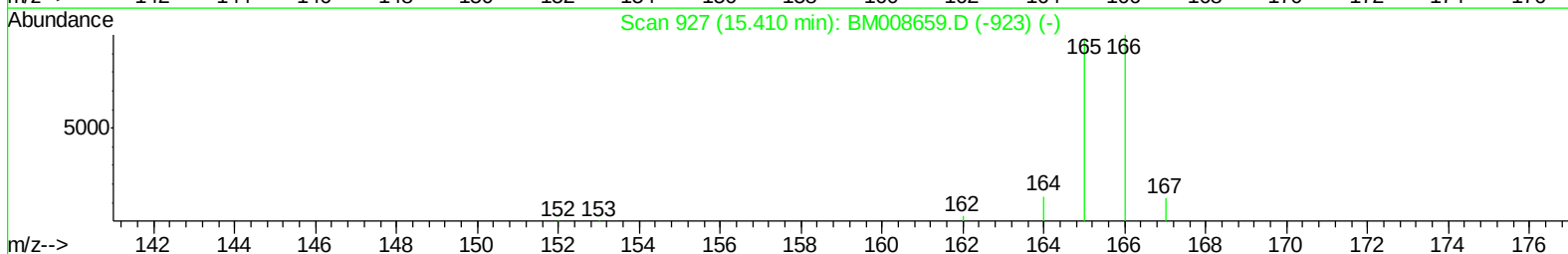
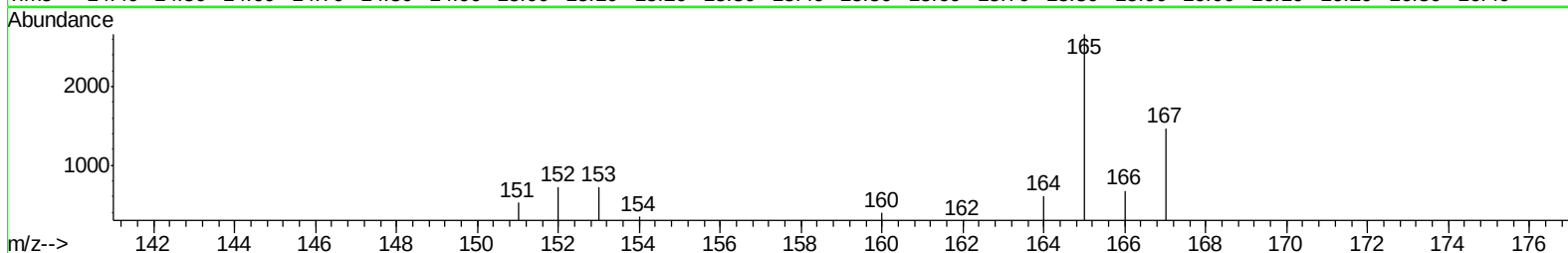
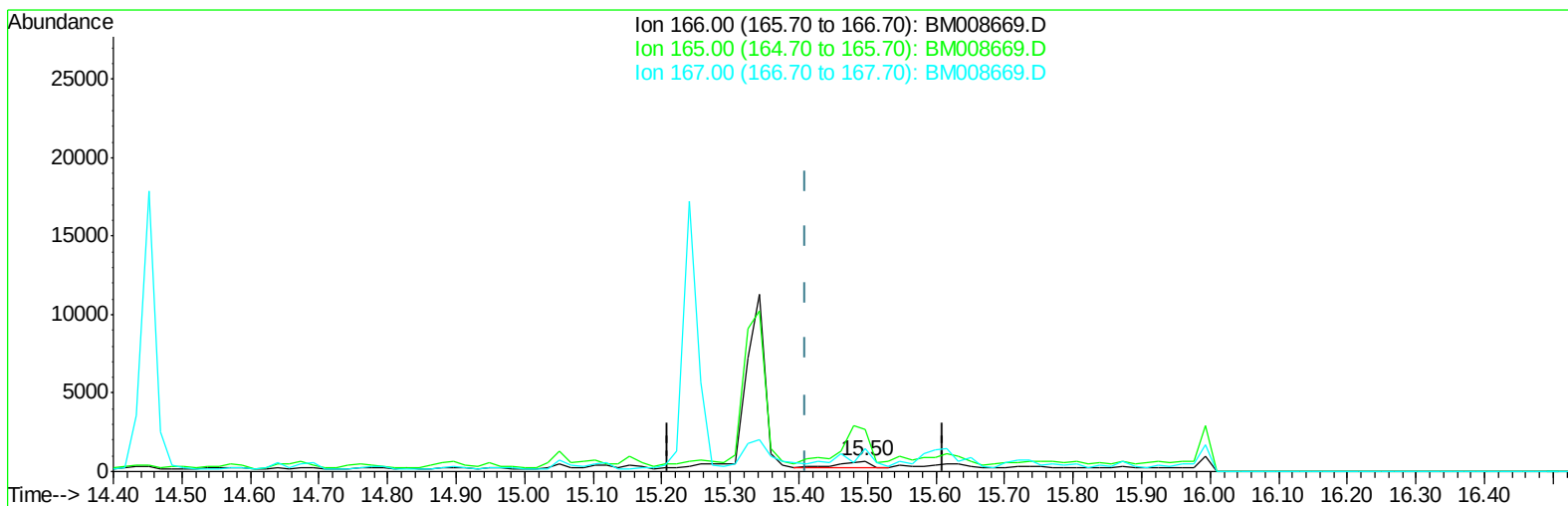
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
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Quant Time: Dec 26 04:54:37 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: BM008669.D

(9) Fluorene

15.496min (+0.086) 0.16ng/ul

response 1314

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 166.00 | 100   | 100     |
| 165.00 | 91.80 | 393.93# |
| 167.00 | 18.30 | 216.86# |
| 0.00   | 0.00  | 0.00    |

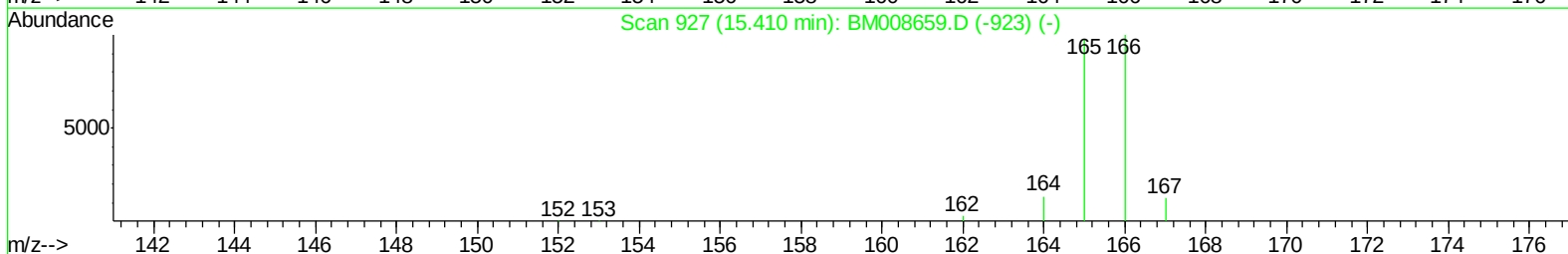
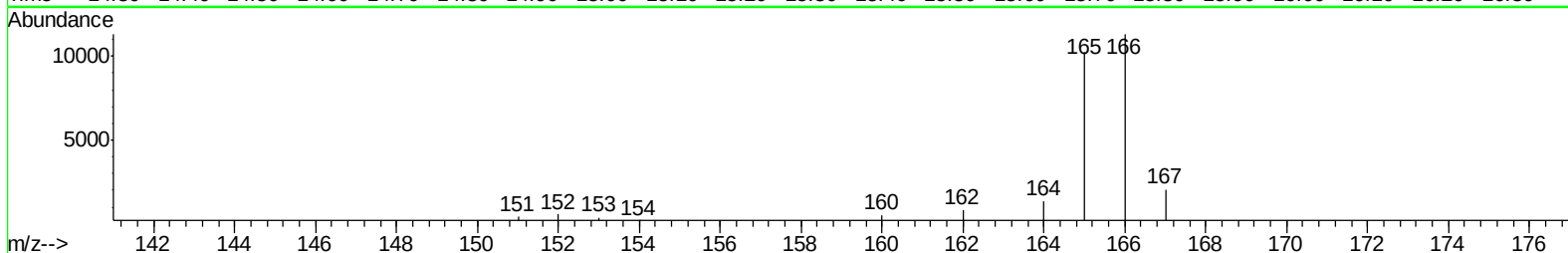
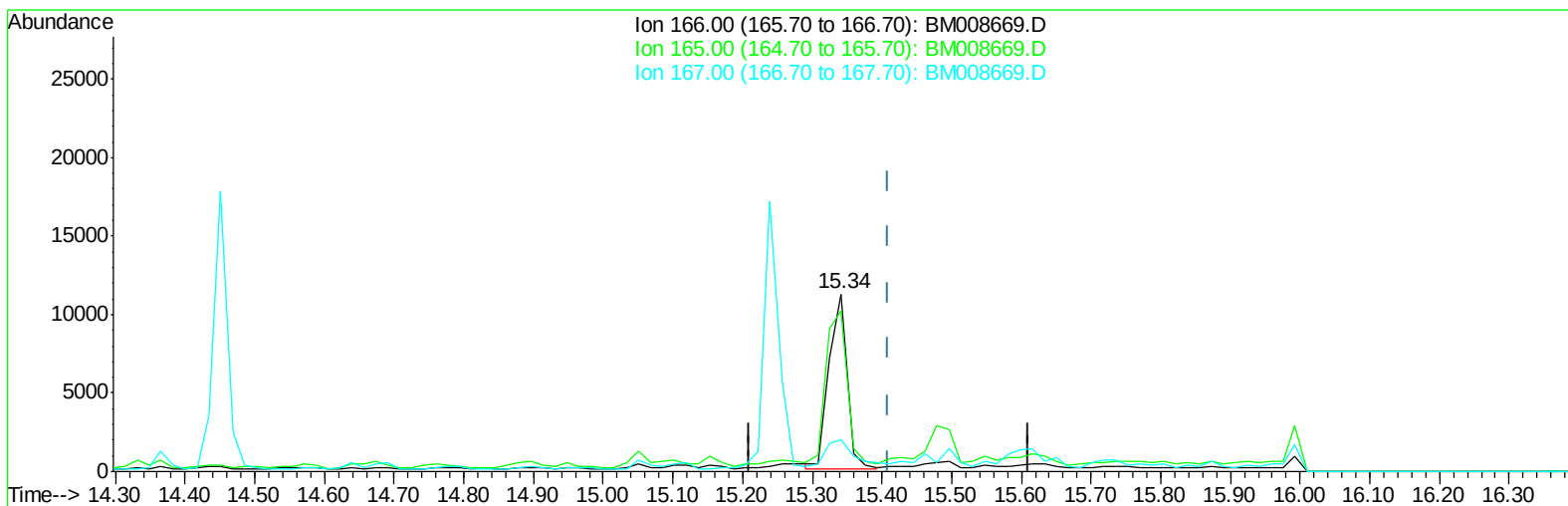
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

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Quant Time: Dec 26 04:54:37 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: BM008669.D

(9) Fluorene

15.342min (-0.068) 2.41ng/ul m

response 20280

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 166.00 | 100   | 100   |
| 165.00 | 91.80 | 90.31 |
| 167.00 | 18.30 | 18.25 |
| 0.00   | 0.00  | 0.00  |

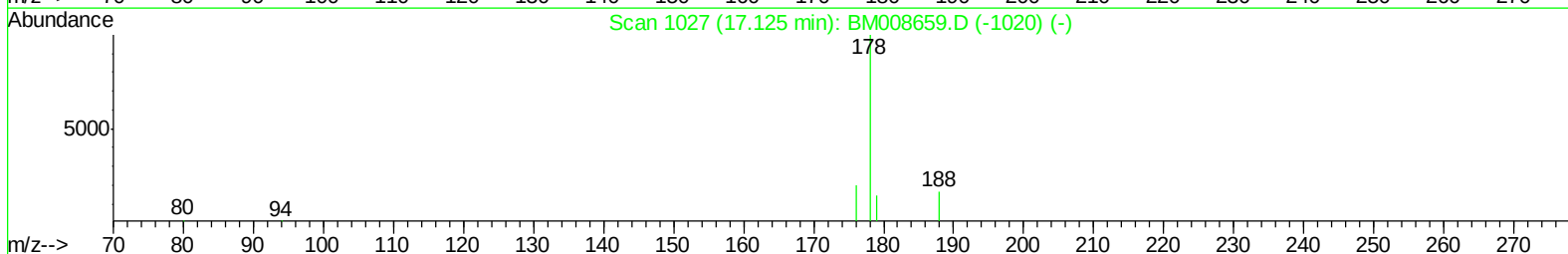
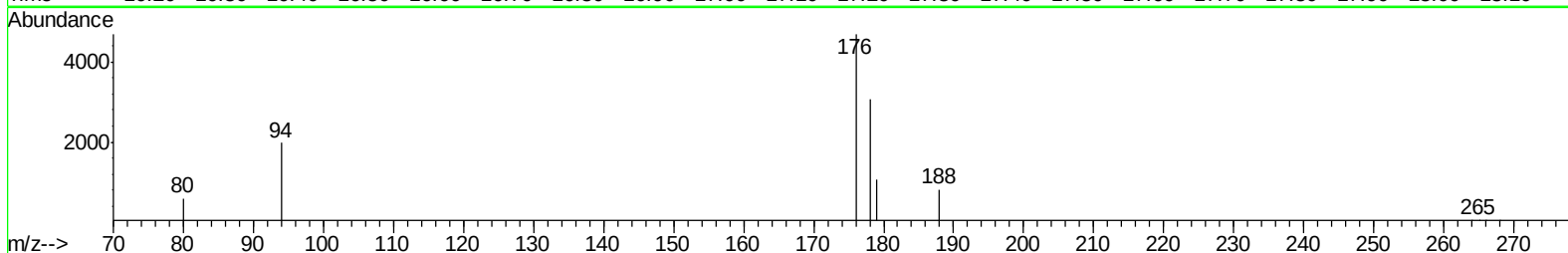
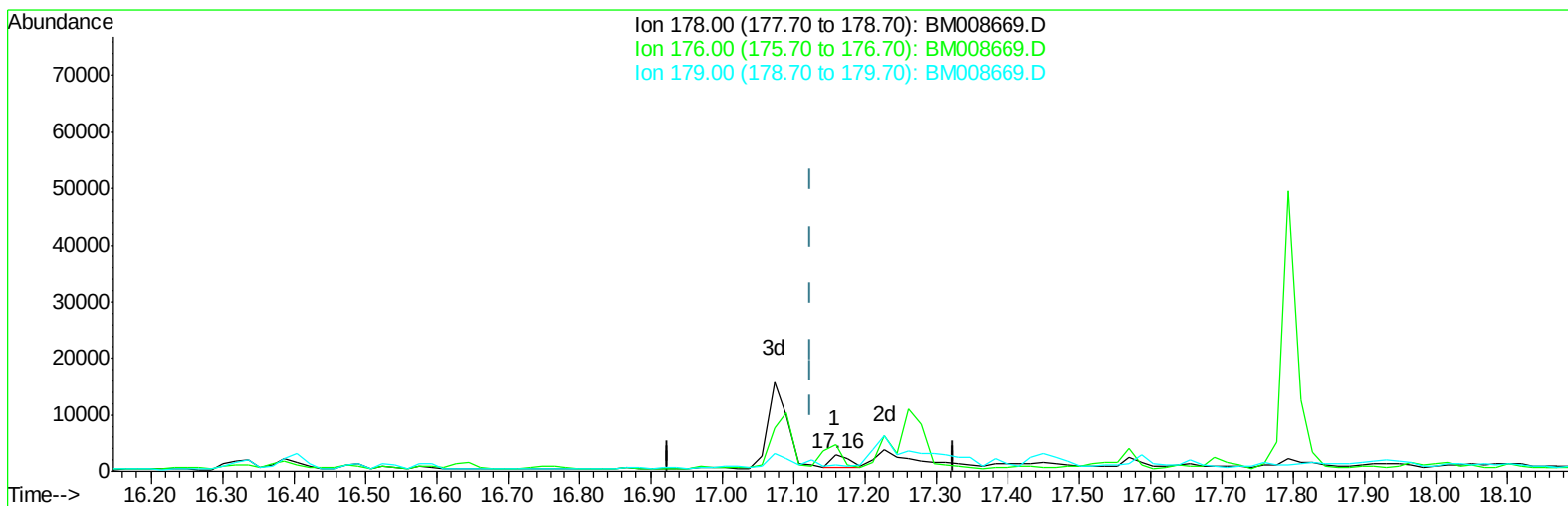
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

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Quant Time: Dec 26 04:54:37 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: BM008669.D

(12) Phenanthrene

17.159min (+0.034) 0.69ng/ul

response 4084

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 176.00 | 23.00 | 153.49# |
| 179.00 | 17.00 | 35.37#  |
| 0.00   | 0.00  | 0.00    |

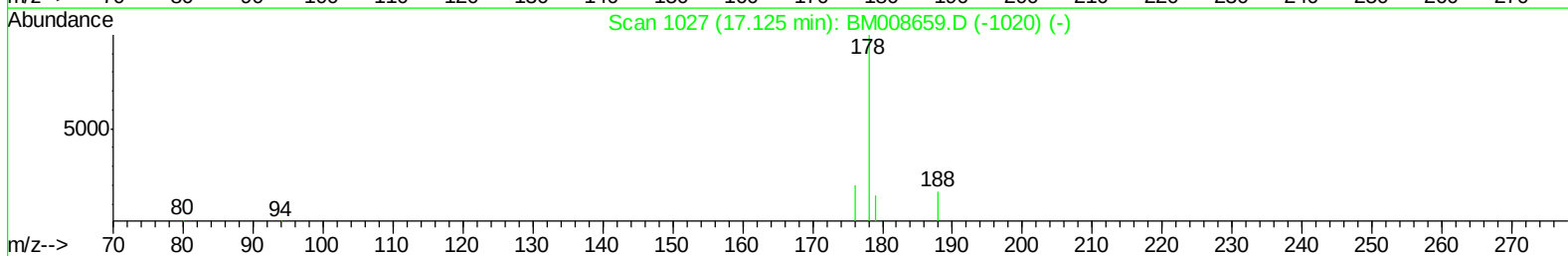
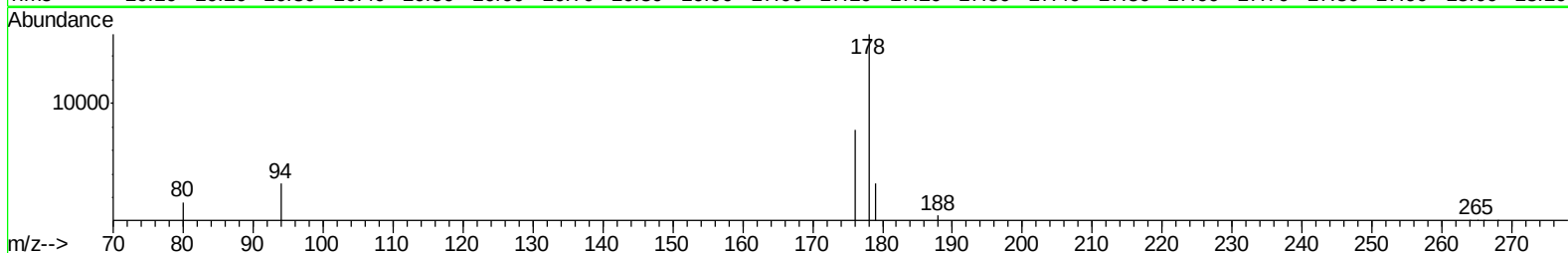
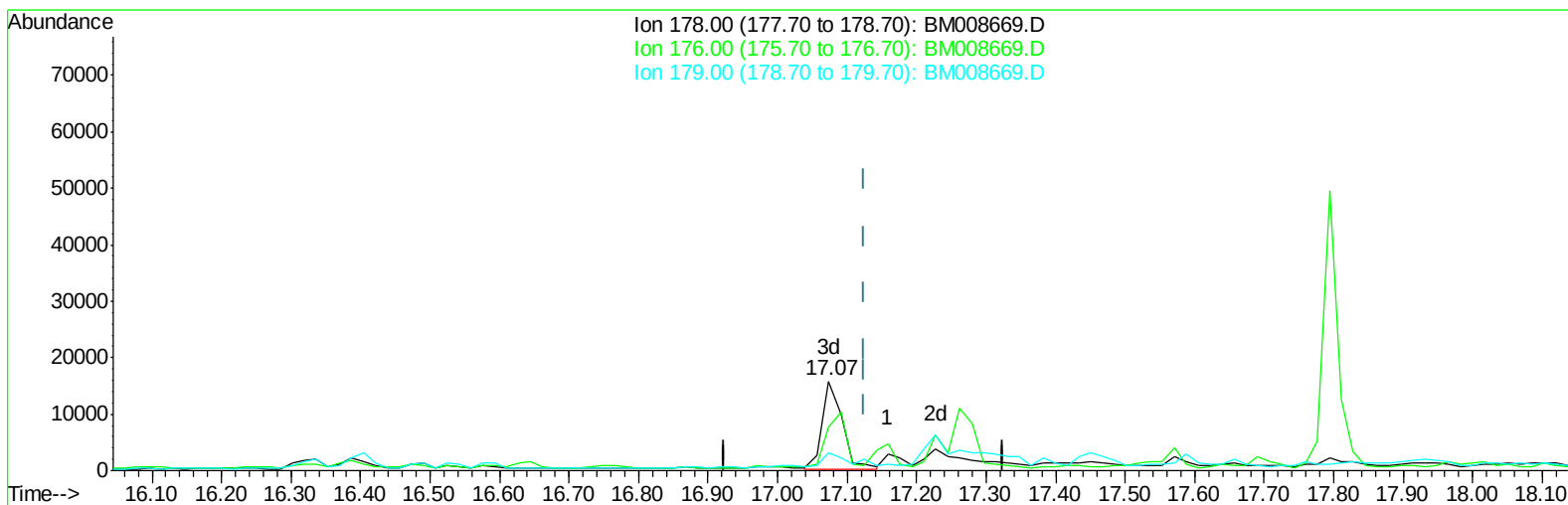
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
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Quant Time: Dec 26 04:54:37 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: BM008669.D

(12) Phenanthrene

17.073min (-0.051) 5.21ng/ul m

response 30731

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 176.00 | 23.00 | 49.07# |
| 179.00 | 17.00 | 19.87  |
| 0.00   | 0.00  | 0.00   |

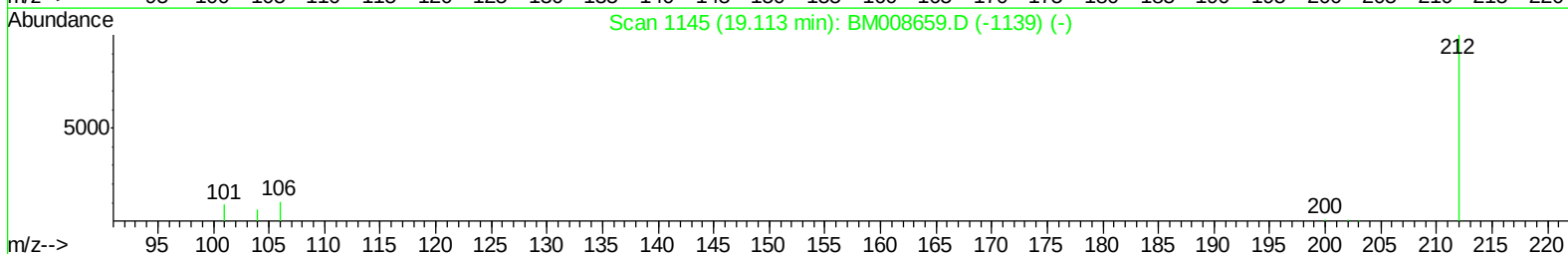
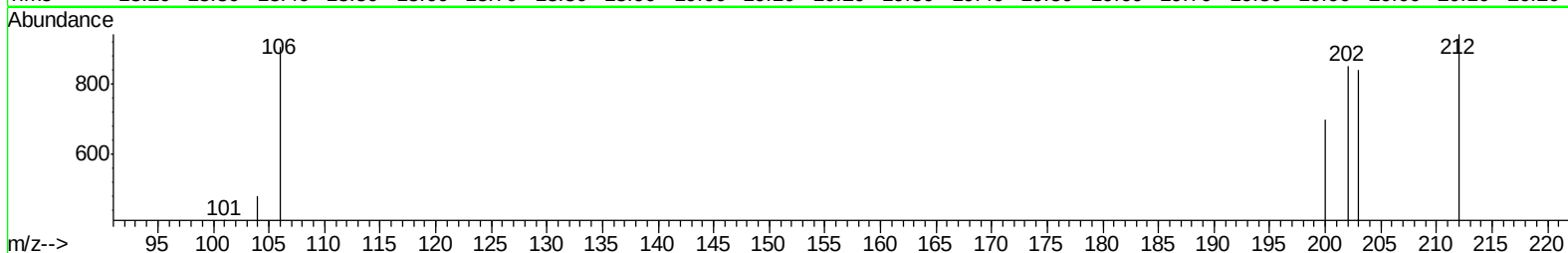
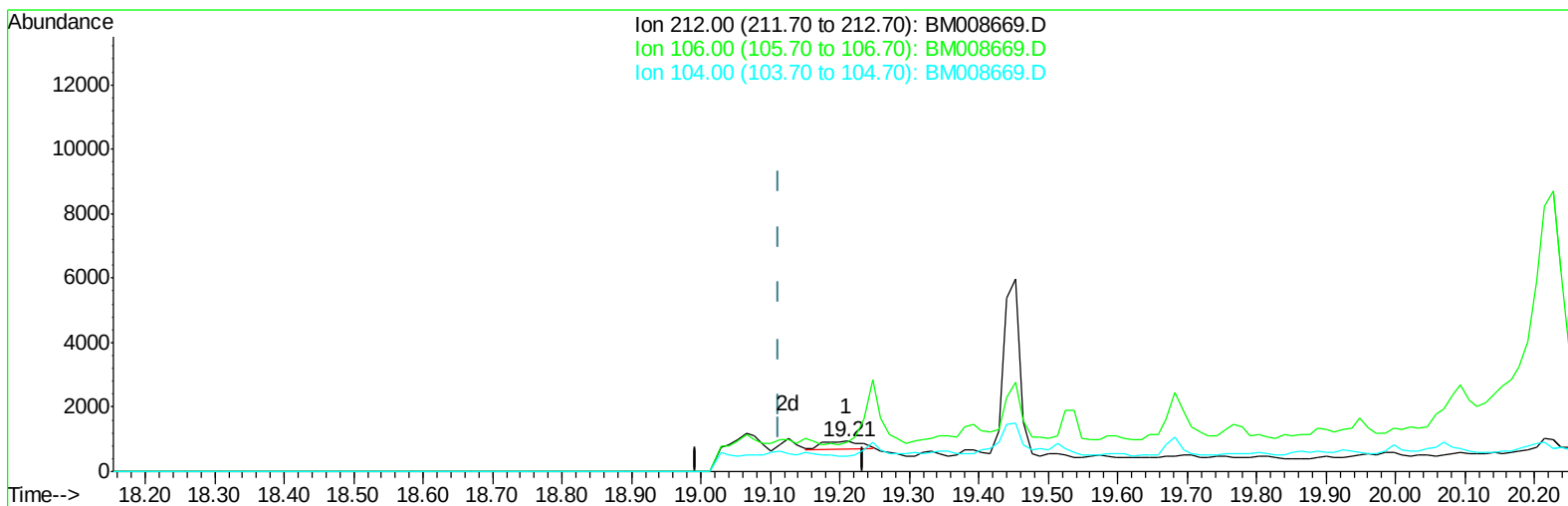
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
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Quant Time: Dec 26 04:54:37 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: BM008669.D

(14) Fluoranthene-d10 (SURR)

19.210min (+0.097) 0.19ng/ul

response 985

| 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  |

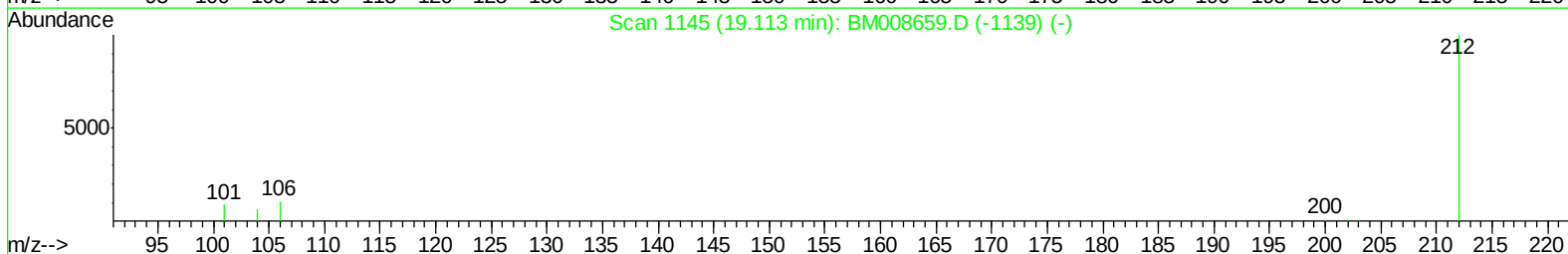
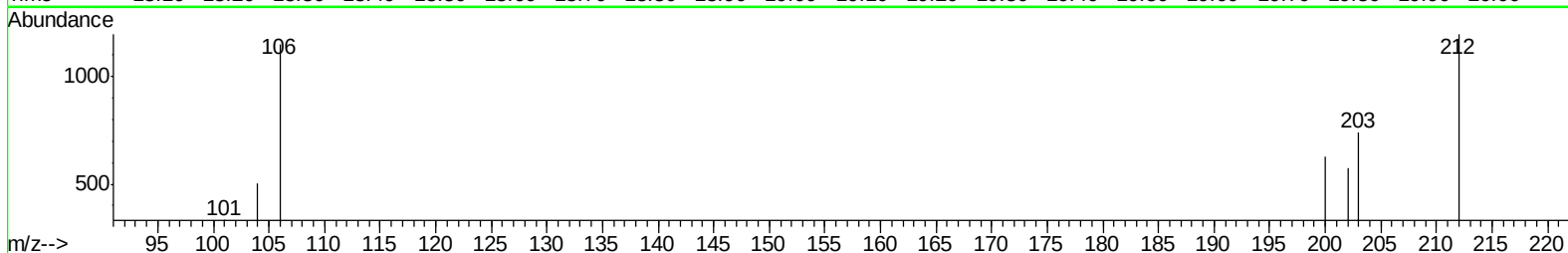
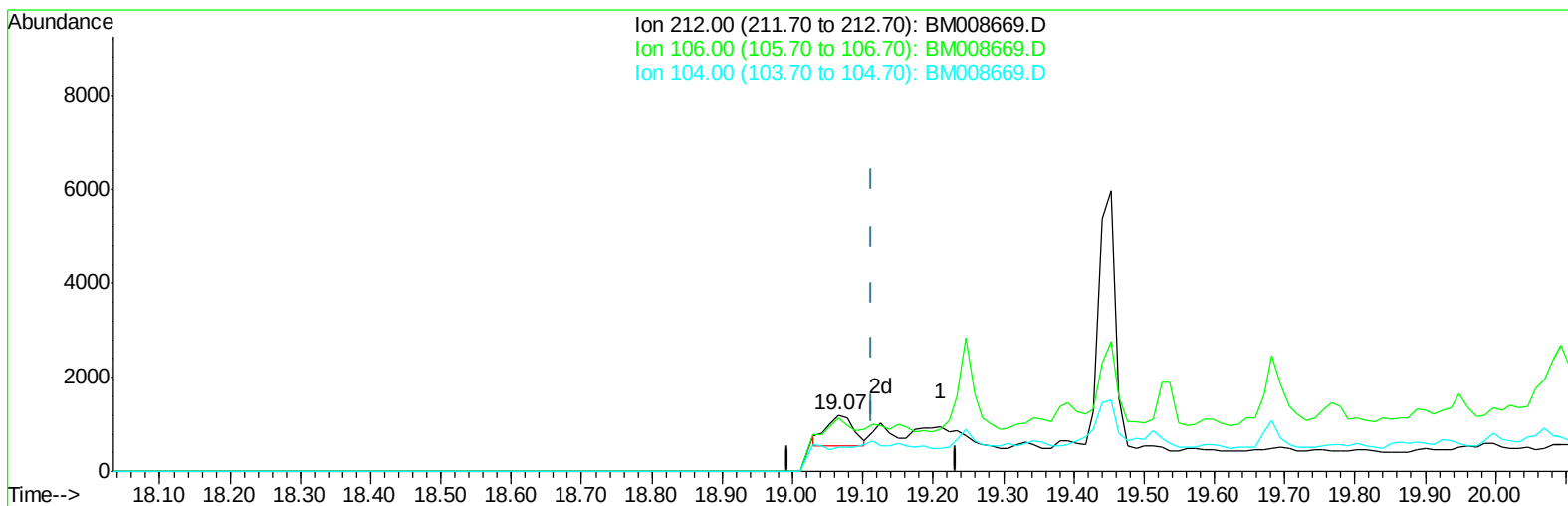
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

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Quant Time: Dec 26 04:54:37 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: BM008669.D

(14) Fluoranthene-d10 (SURR)

19.065min (-0.048) 0.32ng/ul m

response 1710

| 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  |

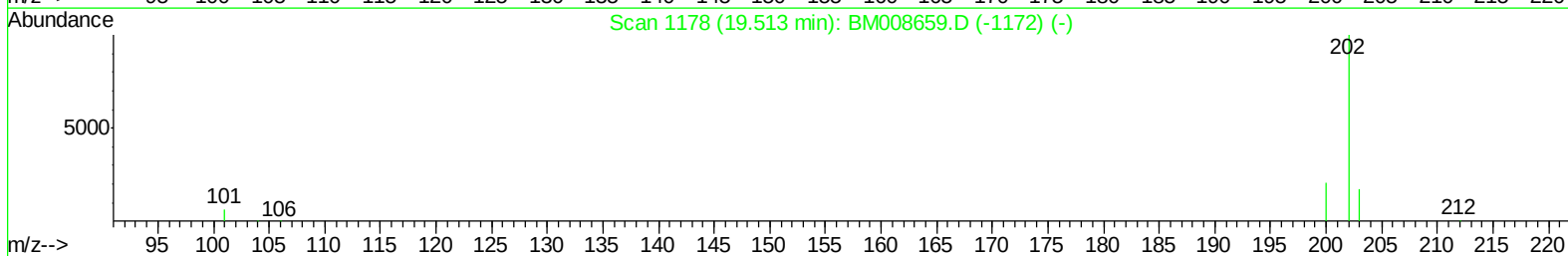
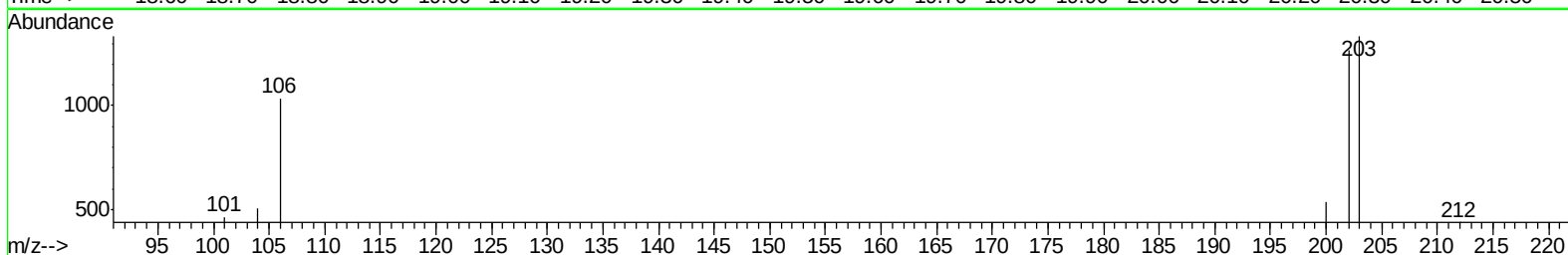
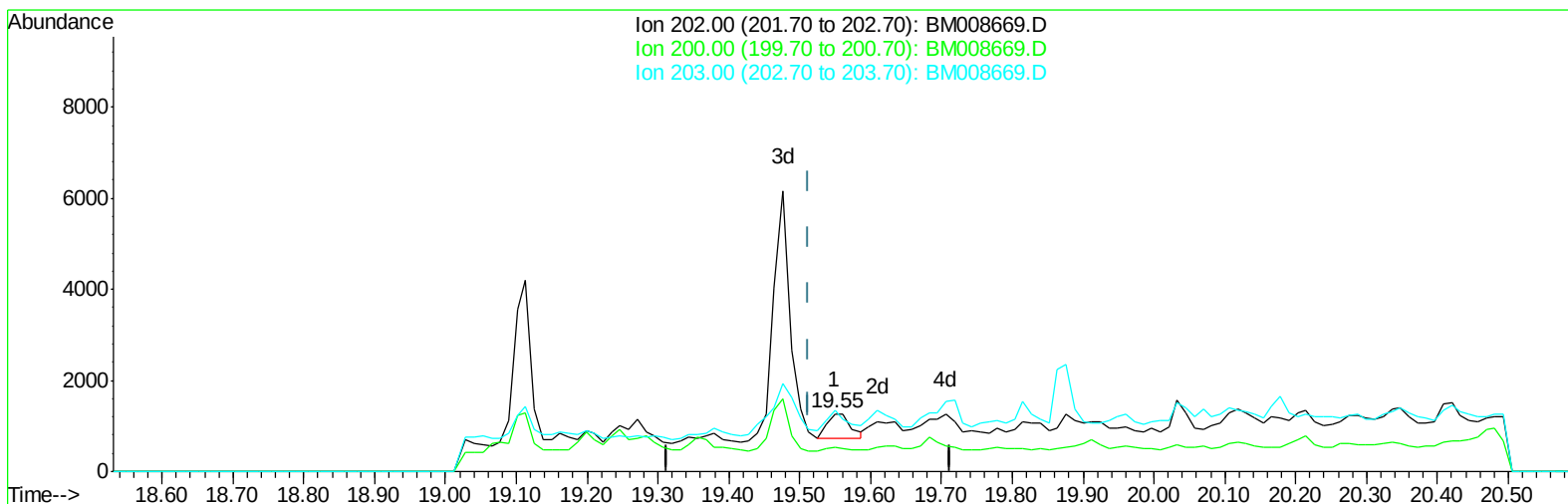
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
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Quant Time: Dec 26 04:54:37 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: BM008669.D

(17) Pyrene

19.549min (+0.036) 0.17ng/ul

response 1252

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 202.00 | 100   | 100     |
| 200.00 | 22.80 | 42.32#  |
| 203.00 | 19.50 | 105.12# |
| 0.00   | 0.00  | 0.00    |

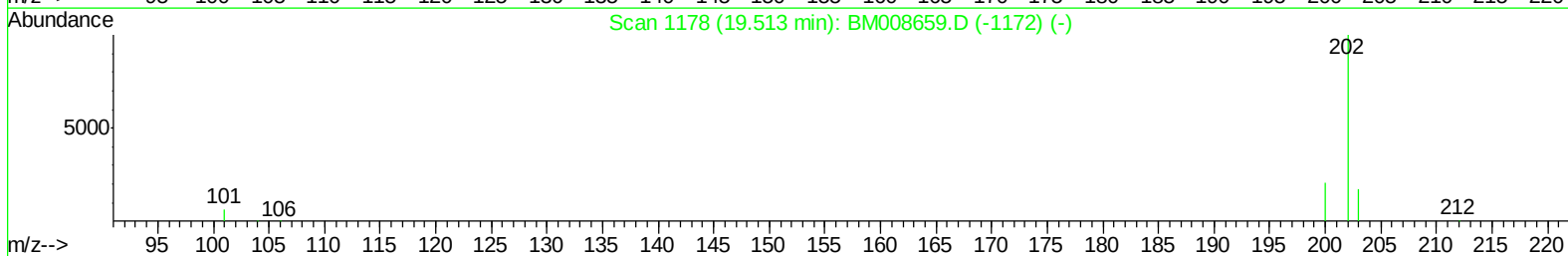
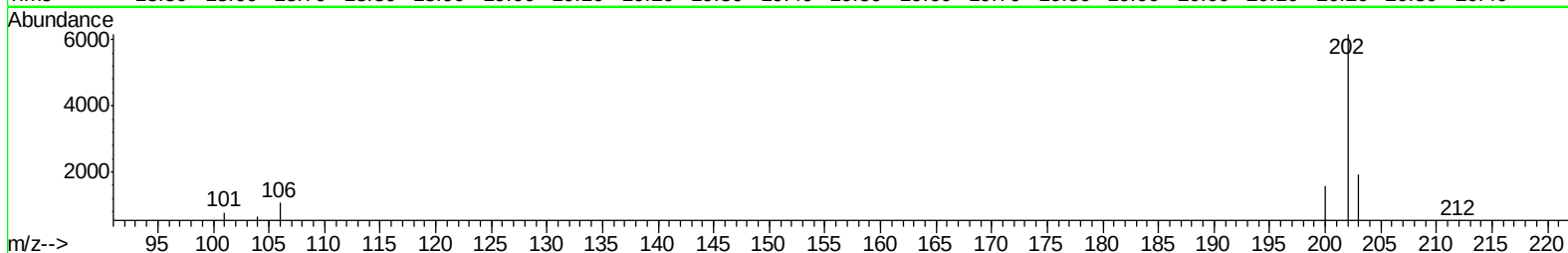
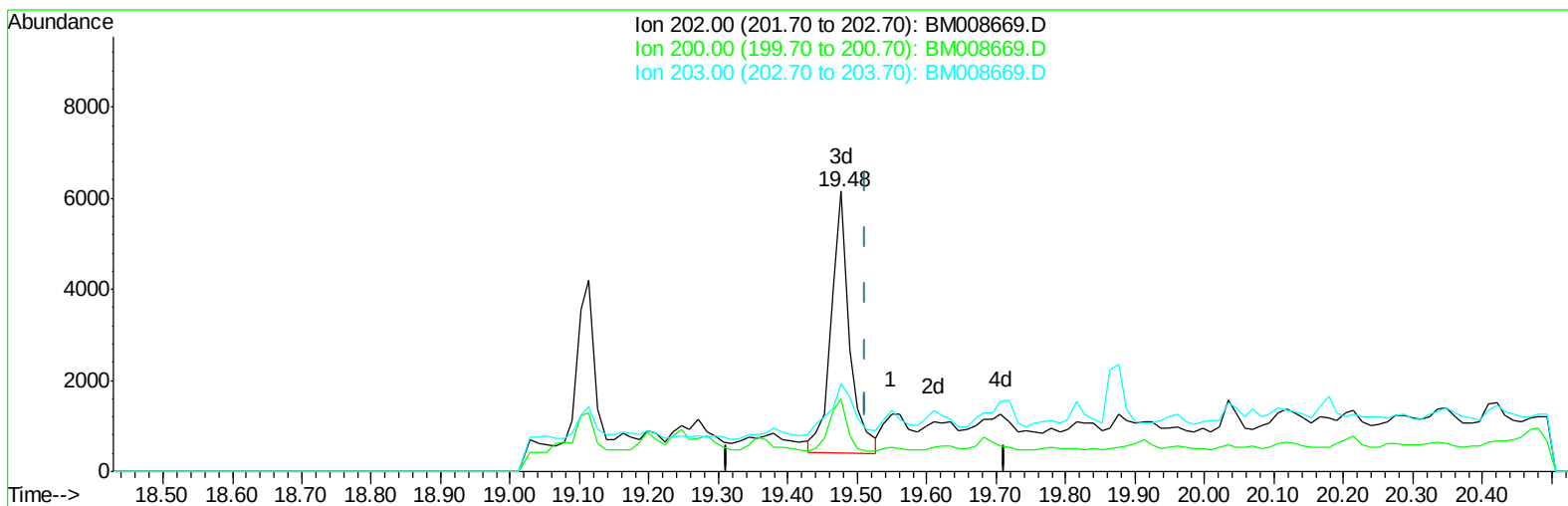
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
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Quant Time: Dec 26 04:54:37 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: BM008669.D

(17) Pyrene

19.477min (-0.036) 1.47ng/ul m

response 10604

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 200.00 | 22.80 | 25.78  |
| 203.00 | 19.50 | 31.30# |
| 0.00   | 0.00  | 0.00   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
 Data File : BM008669.D  
 Acq On : 25 Dec 2016 13:44  
 Operator : UM/SJ  
 Sample : H5995-03DL 5X  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA864DL

Manual Integrations  
 APPROVED

sohil  
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Quant Time: Dec 26 05:01:06 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

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 501m     | 0.40  | ng/ul | -0.12    |
| 2) Naphthalene-d8           | 10.40 | 136  | 1896m    | 0.40  | ng/ul | -0.11    |
| 6) Acenaphthene-d10         | 14.13 | 164  | 2170m    | 0.40  | ng/ul | -0.21    |
| 10) Phenanthrene-d10        | 17.04 | 188  | 1930m    | 0.40  | ng/ul | -0.05    |
| 16) Chrysene-d12            | 21.25 | 240  | 1868m    | 0.40  | ng/ul | -0.03    |
| 20) Perylene-d12            | 23.48 | 264  | 1874     | 0.40  | ng/ul | -0.03    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 4) 2-Methylnaphthalene-d10  | 12.00 | 152  | 339m     | 0.12  | ng/ul | -0.12    |
| 14) Fluoranthene-d10        | 19.07 | 212  | 1710m    | 0.32  | ng/ul | -0.05    |
| Target Compounds            |       |      |          |       |       |          |
| 3) Naphthalene              | 10.45 | 128  | 20710m   | 3.88  | ng/ul | 92       |
| 5) 2-Methylnaphthalene      | 12.07 | 142  | 37611m   | 10.48 | ng/ul |          |
| 8) Acenaphthene             | 14.33 | 153  | 4899     | 0.66  | ng/ul |          |
| 9) Fluorene                 | 15.34 | 166  | 20280m   | 2.41  | ng/ul | 76       |
| 12) Phenanthrene            | 17.07 | 178  | 30731m   | 5.21  | ng/ul |          |
| 15) Fluoranthene            | 19.11 | 202  | 5725     | 0.79  | ng/ul |          |
| 17) Pyrene                  | 19.48 | 202  | 10604m   | 1.47  | ng/ul |          |

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

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008669.D  
Acq On : 25 Dec 2016 13:44  
Operator : UM/SJ  
Sample : H5995-03DL 5X  
Misc :  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA864DL

Manual Integrations  
APPROVED

sohil  
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Quant Time: Dec 26 05:01:06 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

