

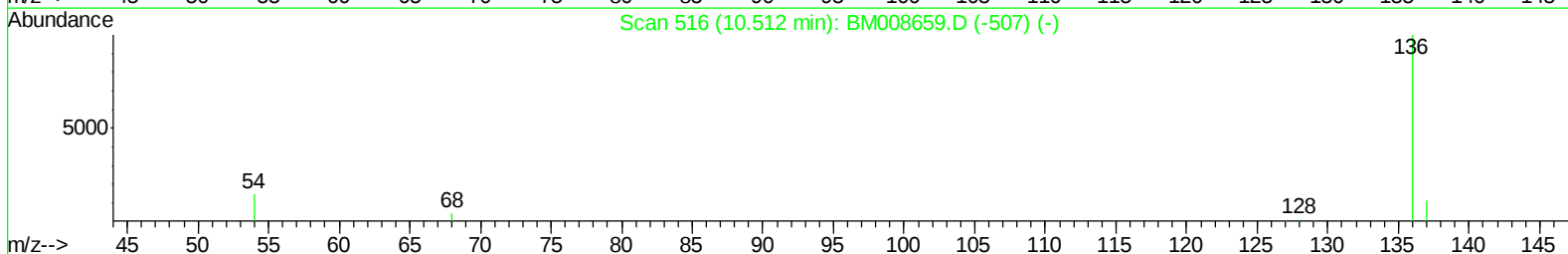
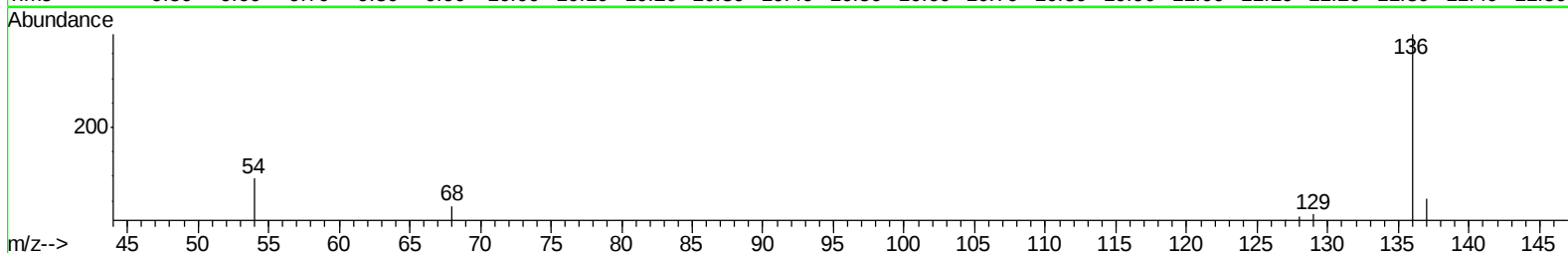
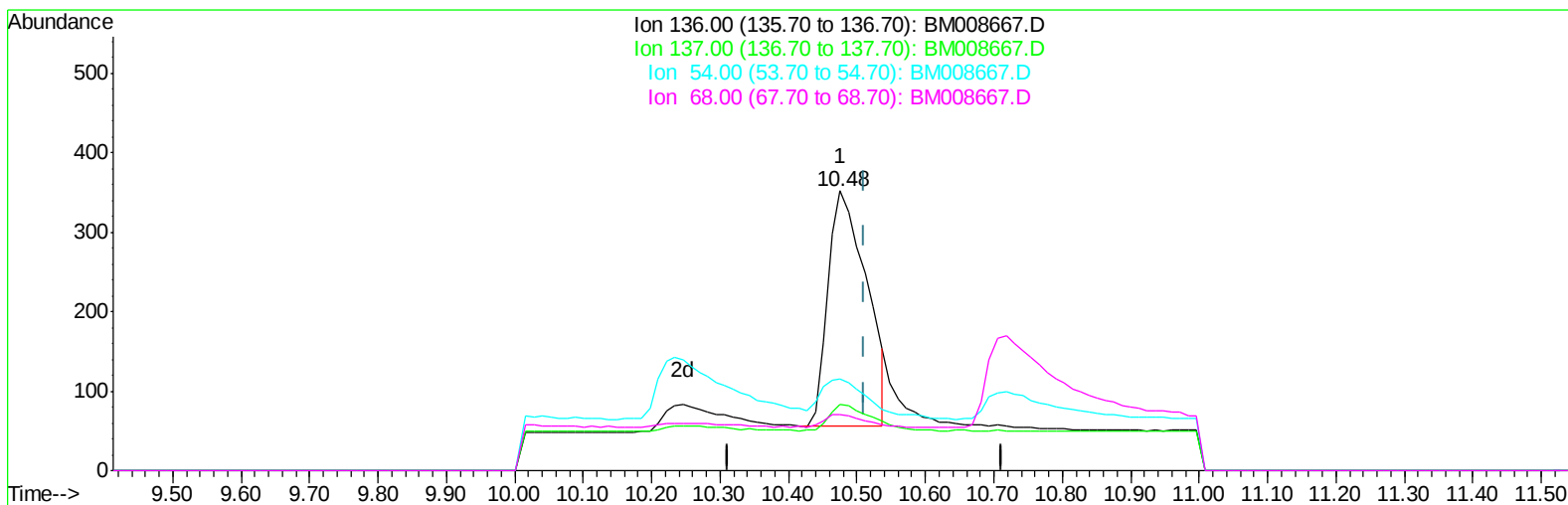
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008667.D  
Acq On : 25 Dec 2016 12:33  
Operator : UM/SJ  
Sample : H6069-12DL 5X  
Misc :  
ALS Vial : 81 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA7J8DL

Manual Integrations  
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Quant Time: Dec 26 03:29:14 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: BM008667.D

(2) Naphthalene-d8 (I)

10.476min (-0.036) 0.40ng/ul

response 1158

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 136.00 | 100   | 100    |
| 137.00 | 13.90 | 23.58# |
| 54.00  | 15.50 | 32.95# |
| 68.00  | 9.90  | 20.17# |

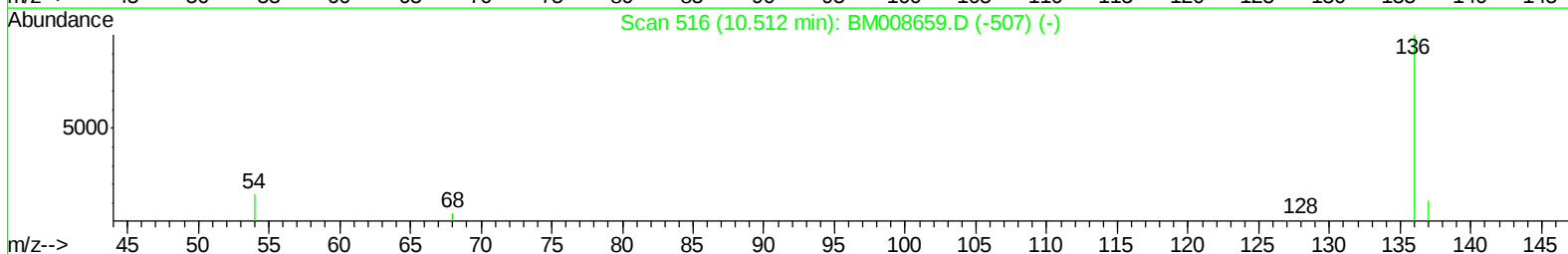
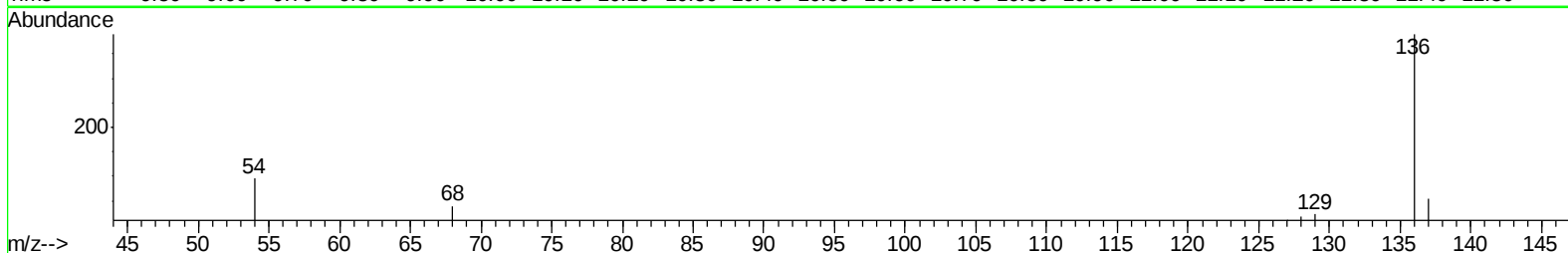
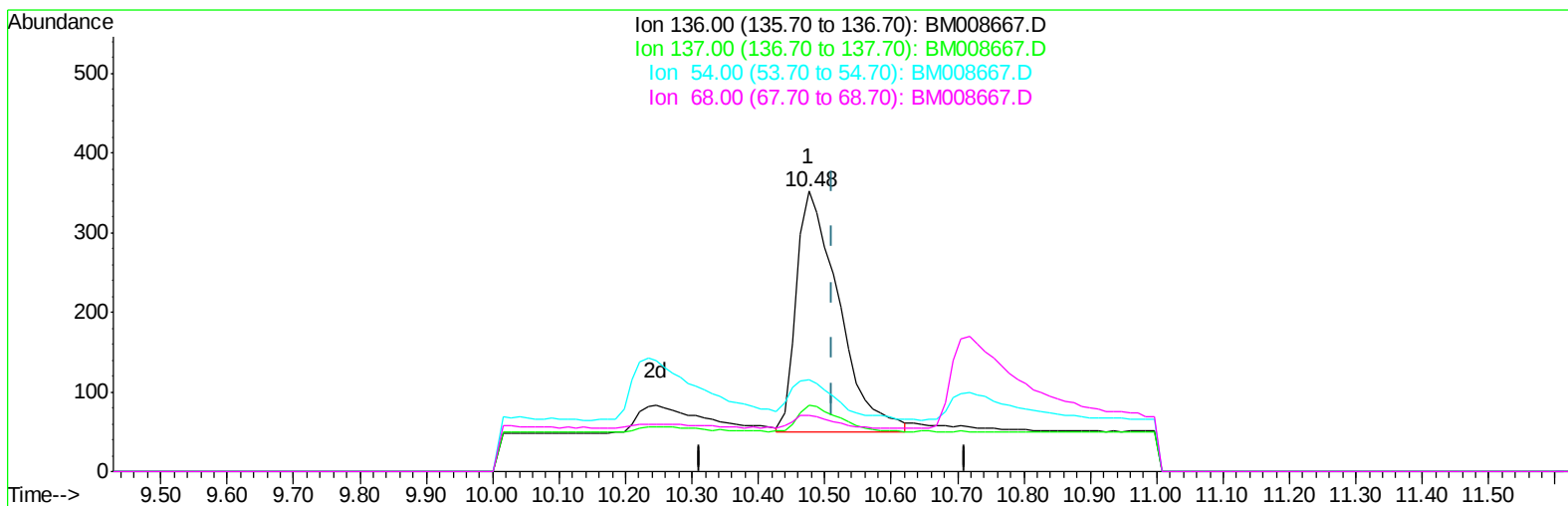
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008667.D  
Acq On : 25 Dec 2016 12:33  
Operator : UM/SJ  
Sample : H6069-12DL 5X  
Misc :  
ALS Vial : 81 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA7J8DL

Manual Integrations  
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Quant Time: Dec 26 03:29:14 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: BM008667.D

(2) Naphthalene-d8 (I)

10.476min (-0.036) 0.40ng/ul m

response 1351

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 136.00 | 100   | 100    |
| 137.00 | 13.90 | 23.58# |
| 54.00  | 15.50 | 32.95# |
| 68.00  | 9.90  | 20.17# |

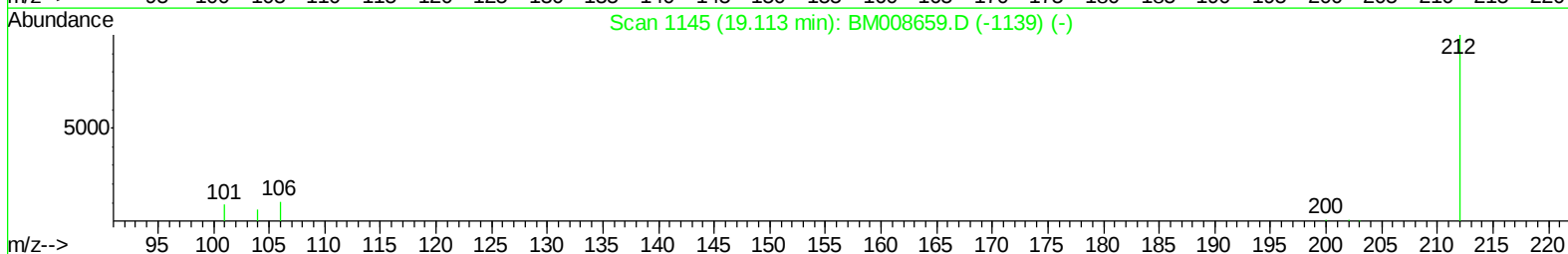
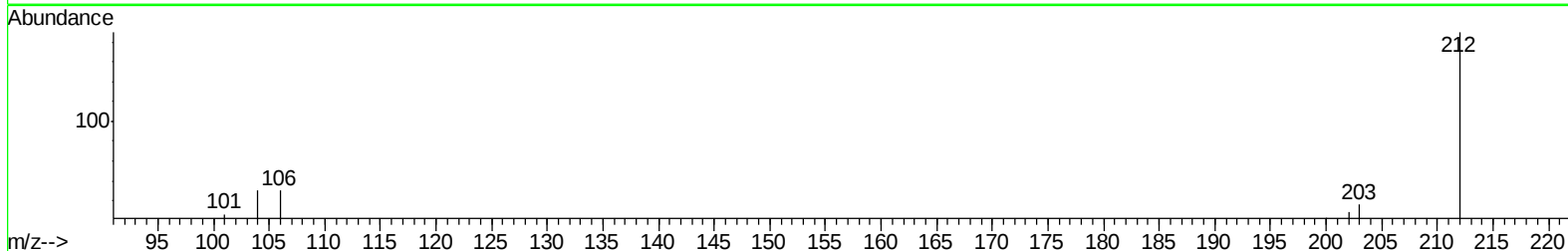
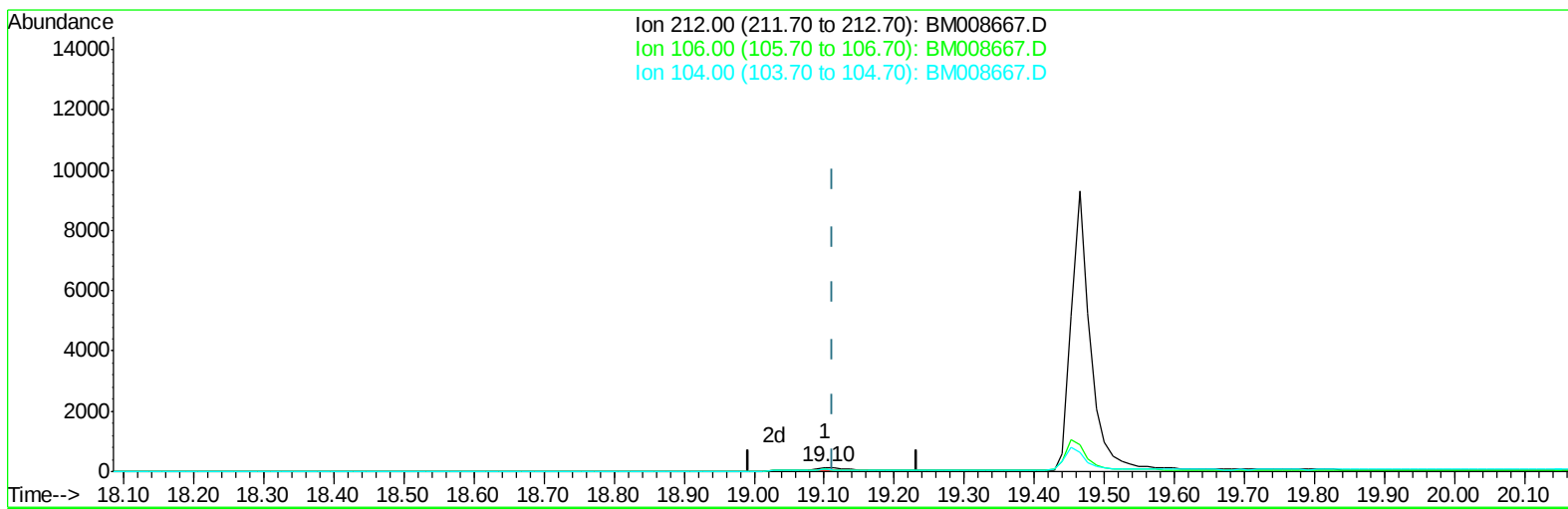
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008667.D  
Acq On : 25 Dec 2016 12:33  
Operator : UM/SJ  
Sample : H6069-12DL 5X  
Misc :  
ALS Vial : 81 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA7J8DL

Manual Integrations  
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Quant Time: Dec 26 04:39:19 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



TIC: BM008667.D

(14) Fluoranthene-d10 (SURR)

19.101min (-0.012) 0.08ng/ul

response 272

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 212.00 | 100   | 100     |
| 106.00 | 18.30 | 170.59# |
| 104.00 | 15.60 | 181.25# |
| 0.00   | 0.00  | 0.00    |

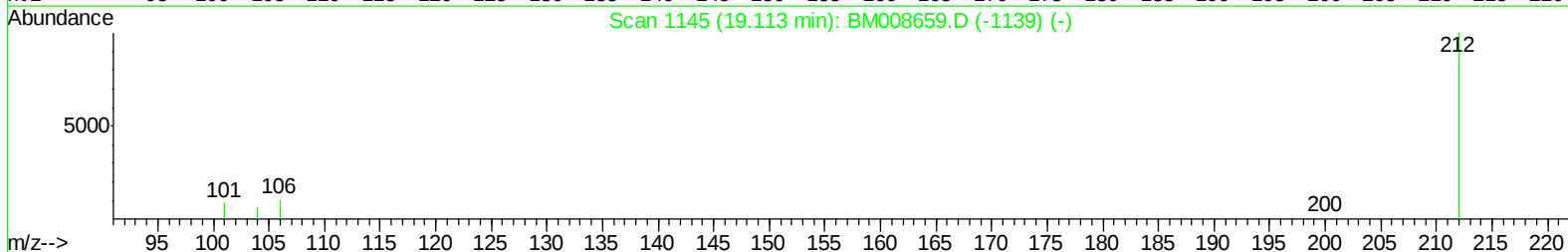
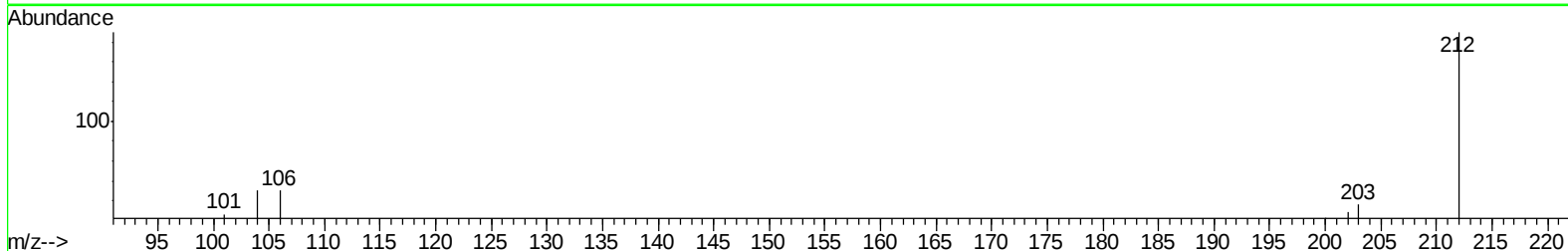
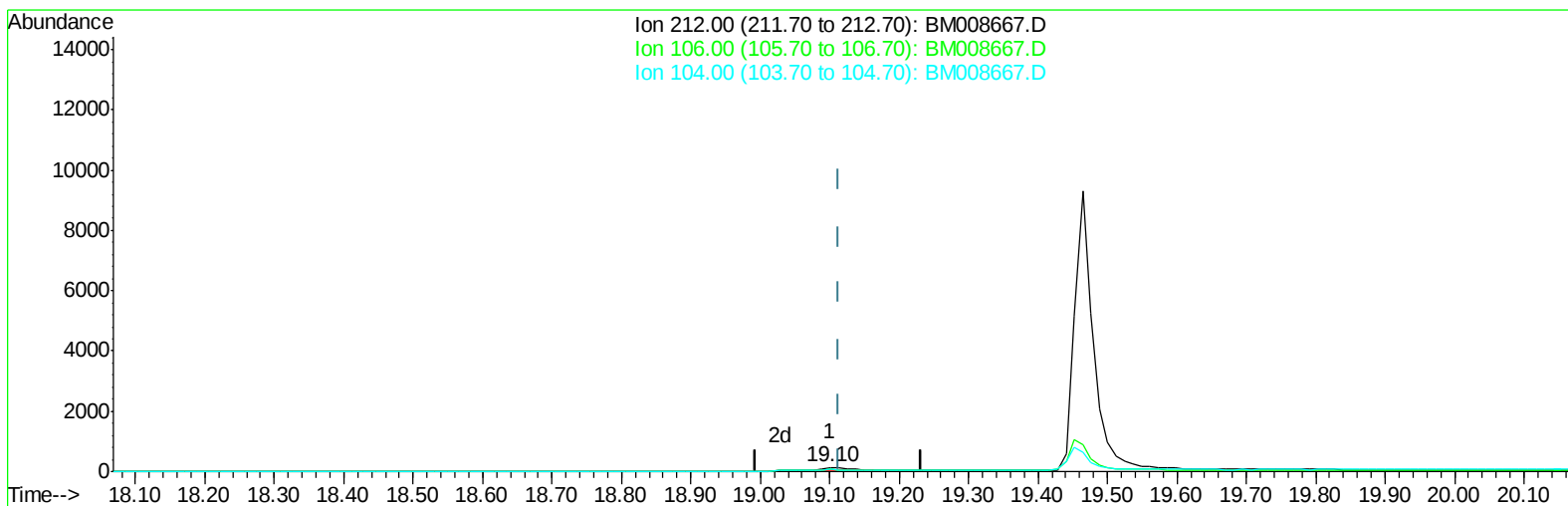
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008667.D  
Acq On : 25 Dec 2016 12:33  
Operator : UM/SJ  
Sample : H6069-12DL 5X  
Misc :  
ALS Vial : 81 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA7J8DL

Manual Integrations  
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Quant Time: Dec 26 04:39:19 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



TIC: BM008667.D

(14) Fluoranthene-d10 (SURR)

19.101min (-0.012) 0.07ng/ul m

response 241

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 212.00 | 100   | 100     |
| 106.00 | 18.30 | 192.53# |
| 104.00 | 15.60 | 204.56# |
| 0.00   | 0.00  | 0.00    |

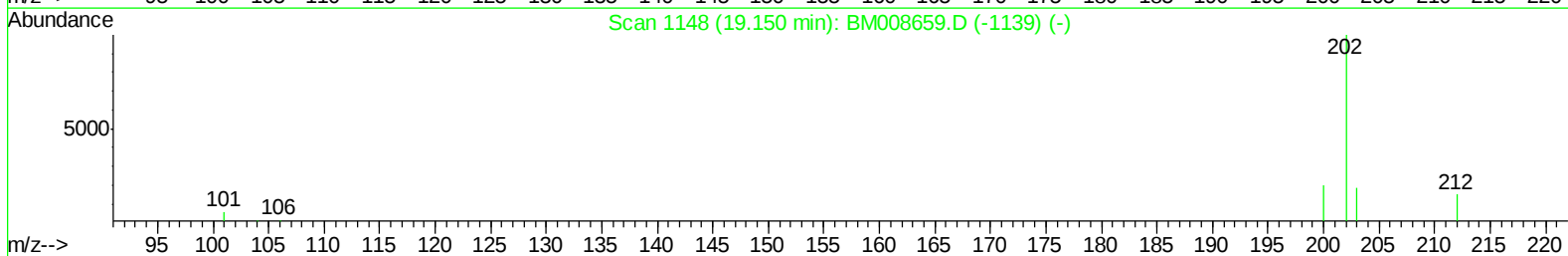
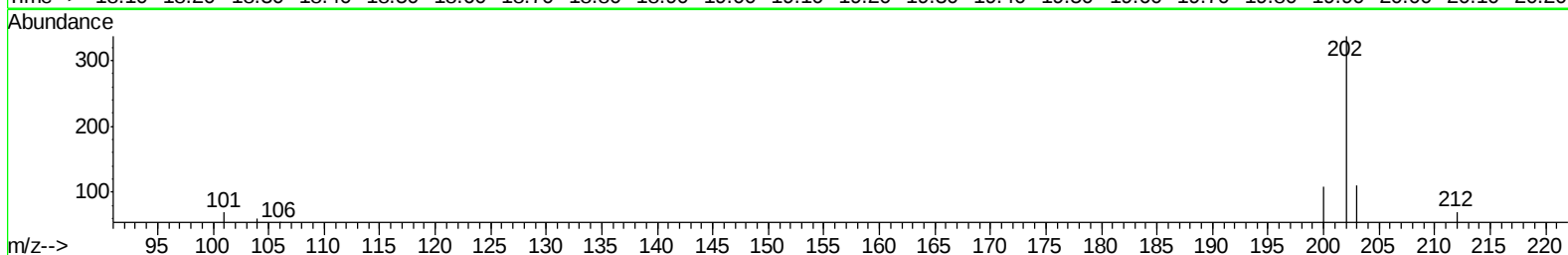
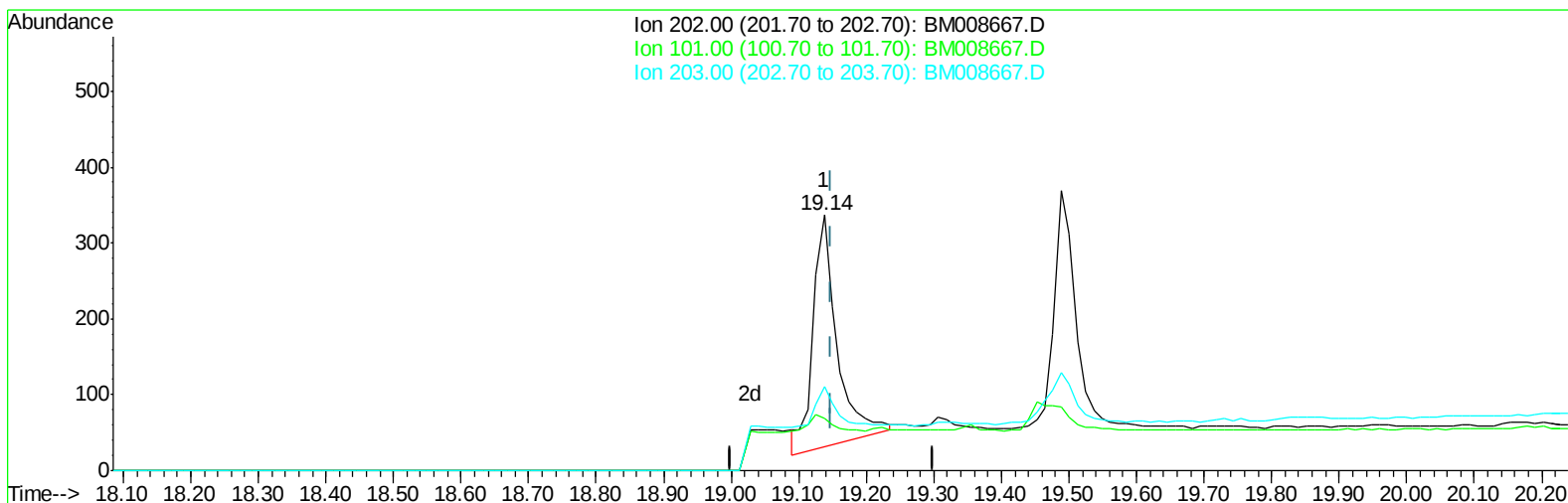
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008667.D  
Acq On : 25 Dec 2016 12:33  
Operator : UM/SJ  
Sample : H6069-12DL 5X  
Misc :  
ALS Vial : 81 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA7J8DL

Manual Integrations  
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Quant Time: Dec 26 04:39:19 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



TIC: BM008667.D

(15) Fluoranthene (C)

19.137min (-0.012) 0.16ng/ul

response 770

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.30 | 20.47 |
| 203.00 | 19.50 | 32.94 |
| 0.00   | 0.00  | 0.00  |

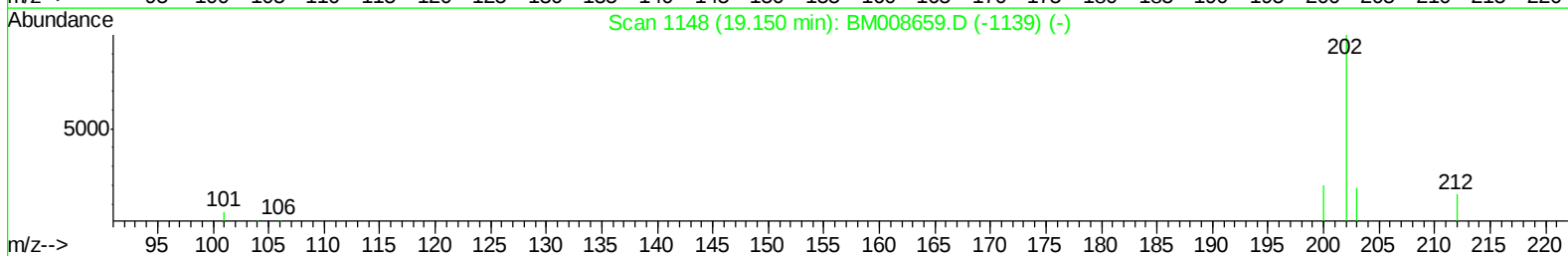
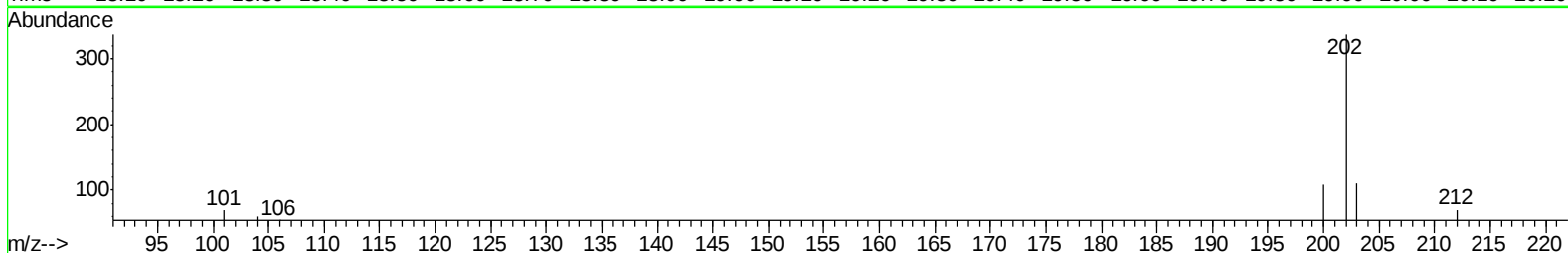
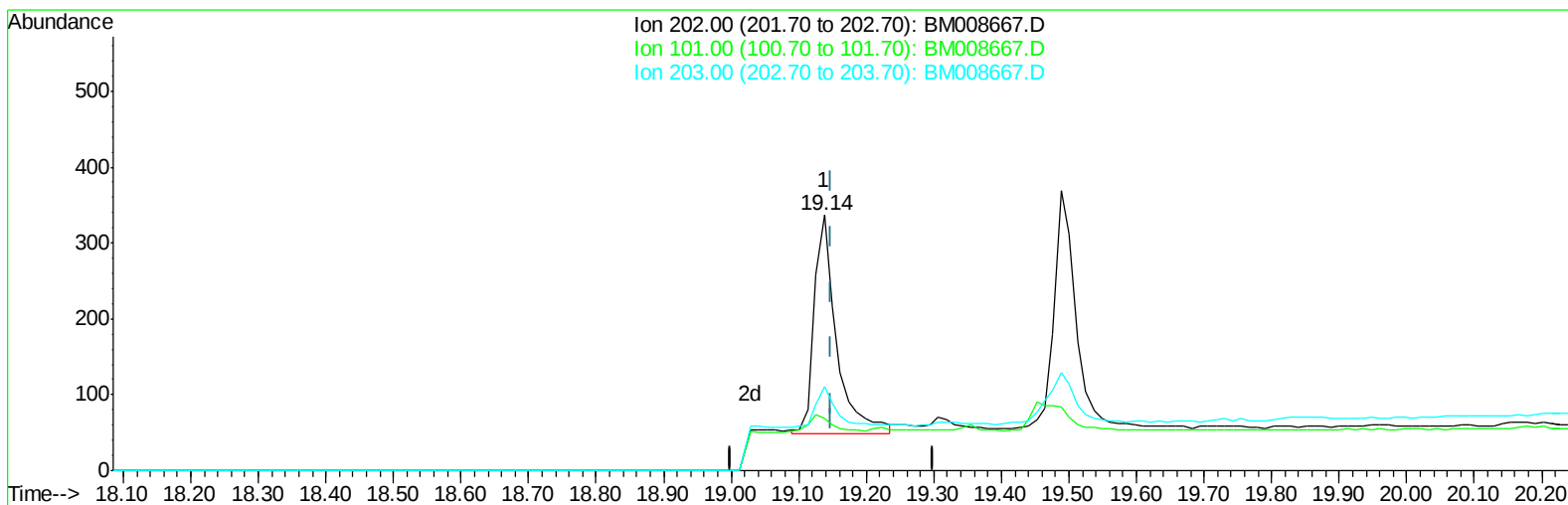
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008667.D  
Acq On : 25 Dec 2016 12:33  
Operator : UM/SJ  
Sample : H6069-12DL 5X  
Misc :  
ALS Vial : 81 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA7J8DL

Manual Integrations  
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Quant Time: Dec 26 04:39:19 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



TIC: BM008667.D

(15) Fluoranthene (C)

19.137min (-0.012) 0.14ng/ul m

response 670

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.30 | 20.47 |
| 203.00 | 19.50 | 32.94 |
| 0.00   | 0.00  | 0.00  |

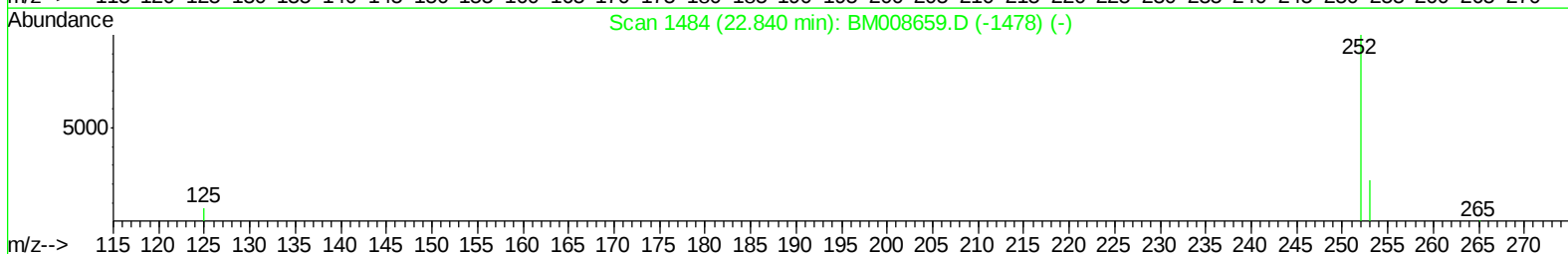
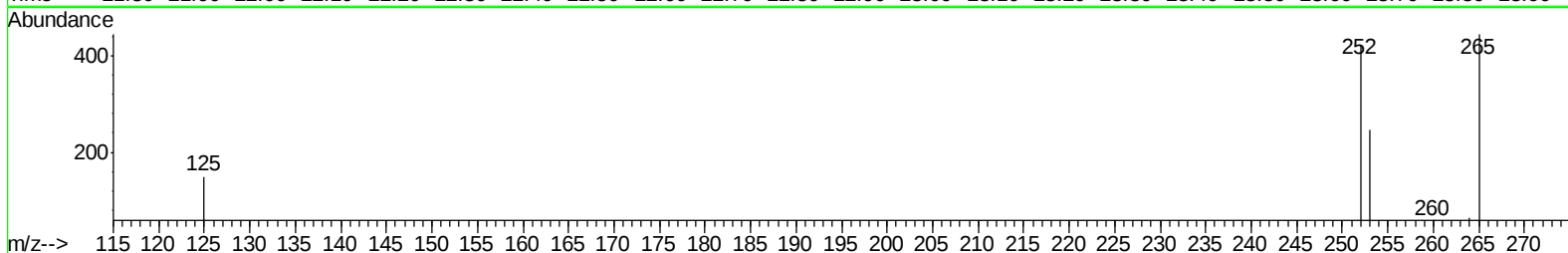
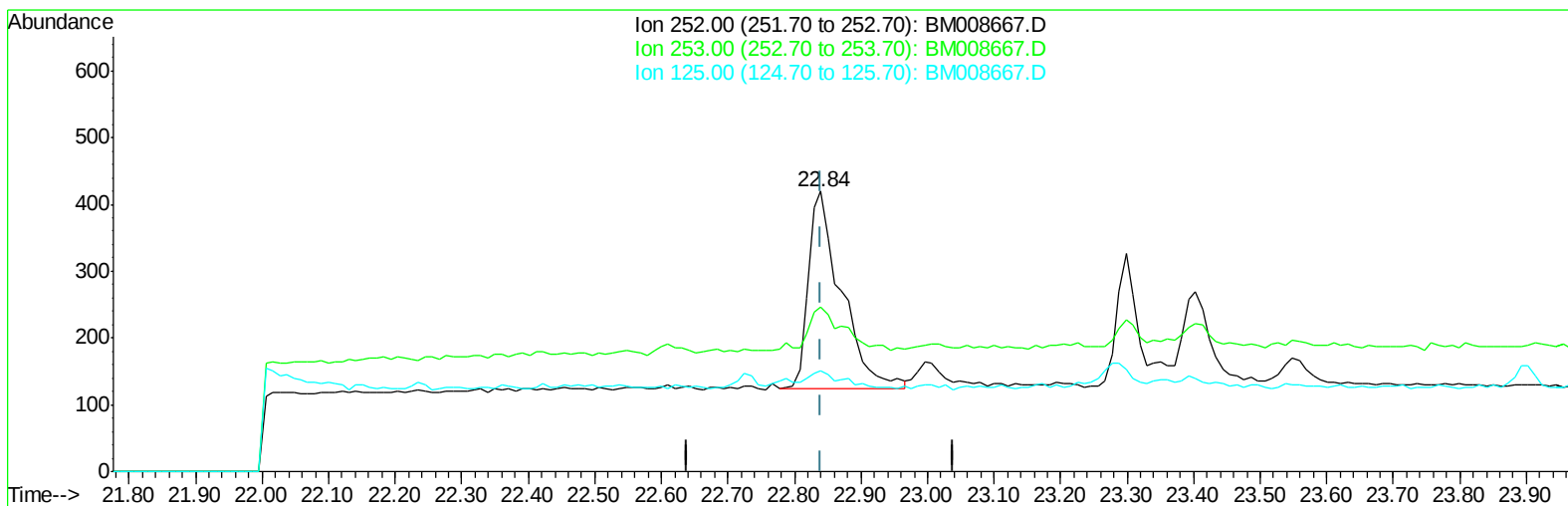
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008667.D  
Acq On : 25 Dec 2016 12:33  
Operator : UM/SJ  
Sample : H6069-12DL 5X  
Misc :  
ALS Vial : 81 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA7J8DL

Manual Integrations  
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12/26/2016 6:29:45 PM

Quant Time: Dec 26 04:39:19 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



TIC: BM008667.D

(21) Benzo(b)fluoranthene  
22.840min (-0.000) 0.14ng/ul  
response 1005

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 58.81  |
| 125.00 | 17.50 | 35.71# |
| 0.00   | 0.00  | 0.00   |

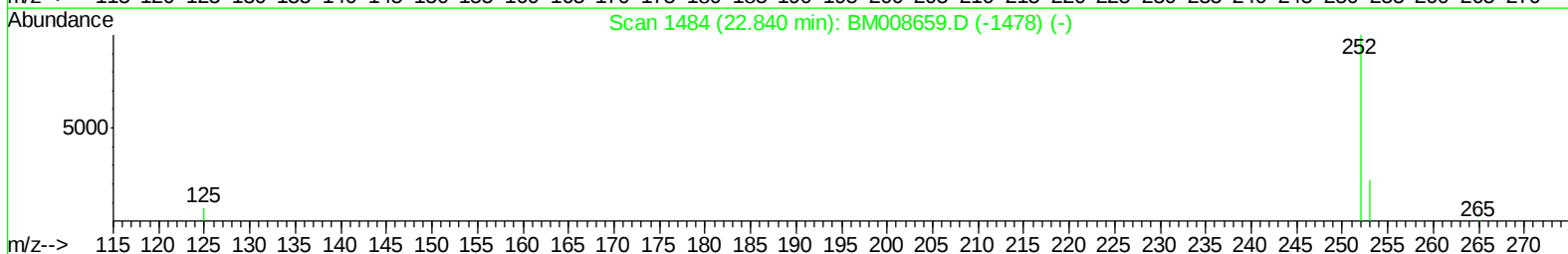
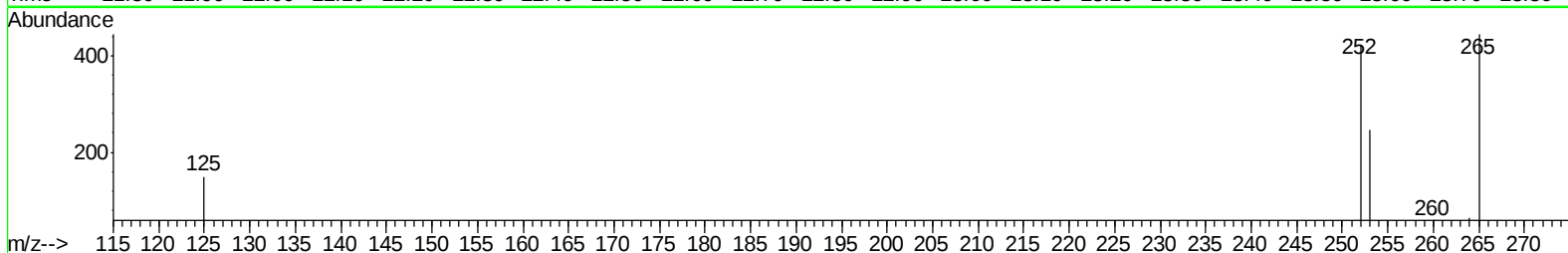
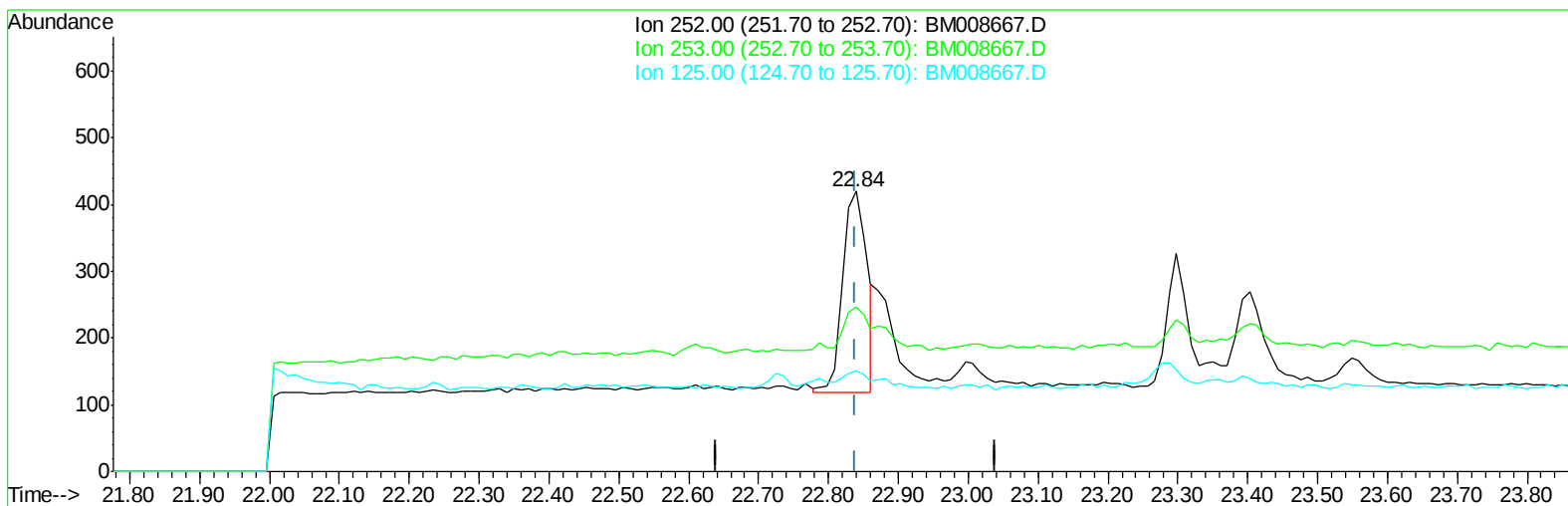
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008667.D  
Acq On : 25 Dec 2016 12:33  
Operator : UM/SJ  
Sample : H6069-12DL 5X  
Misc :  
ALS Vial : 81 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA7J8DL

Manual Integrations  
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sohil  
12/26/2016 6:29:45 PM

Quant Time: Dec 26 04:39:19 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



TIC: BM008667.D

(21) Benzo(b)fluoranthene

22.840min (-0.000) 0.10ng/ul m

response 729

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 58.81  |
| 125.00 | 17.50 | 35.71# |
| 0.00   | 0.00  | 0.00   |

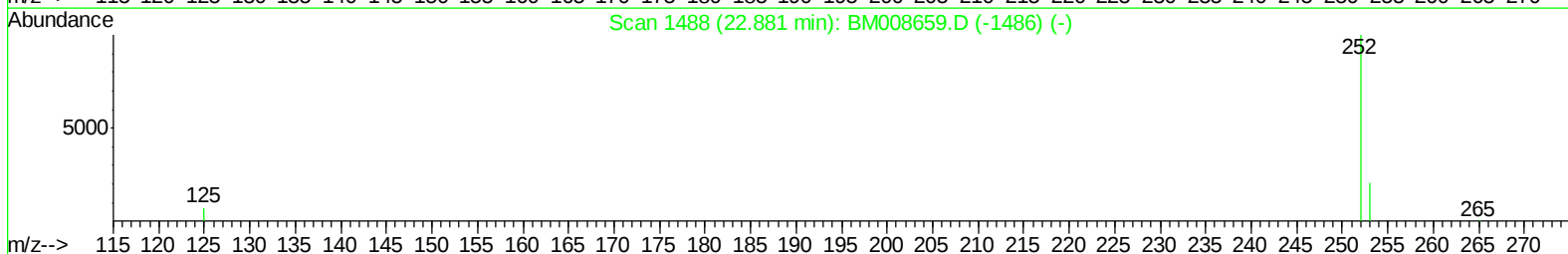
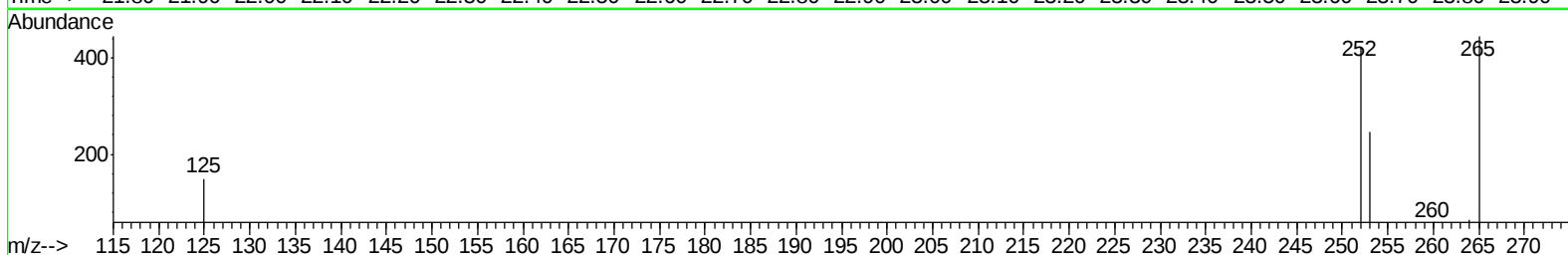
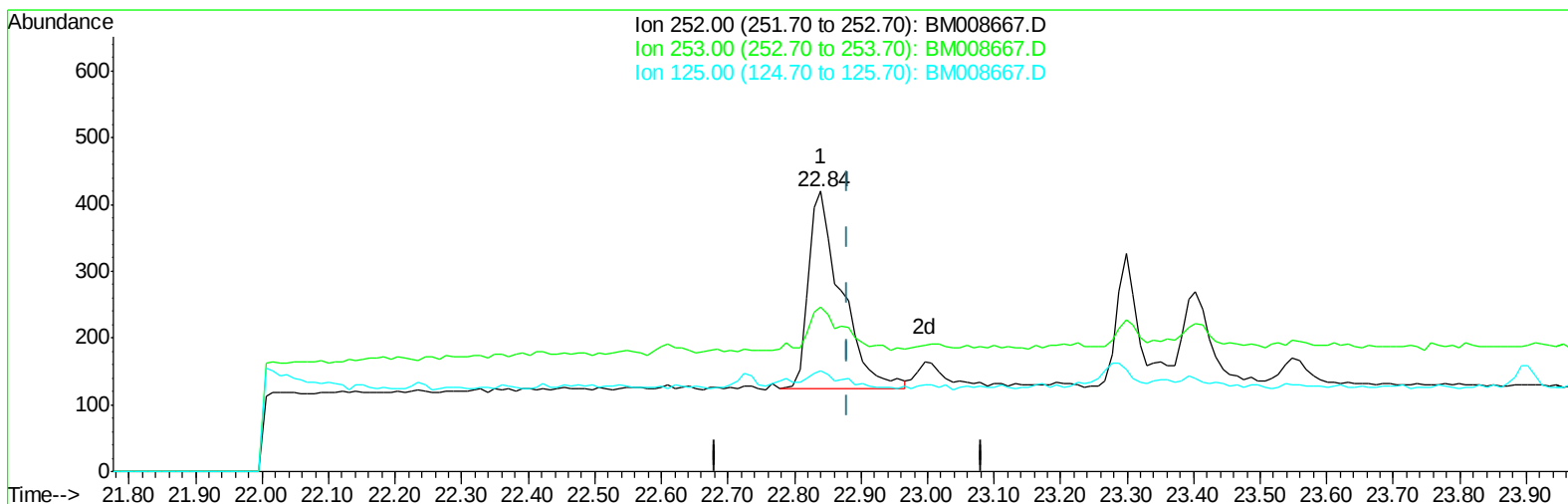
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008667.D  
Acq On : 25 Dec 2016 12:33  
Operator : UM/SJ  
Sample : H6069-12DL 5X  
Misc :  
ALS Vial : 81 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA7J8DL

Manual Integrations  
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12/26/2016 6:29:45 PM

Quant Time: Dec 26 04:39:19 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



TIC: BM008667.D

(22) Benzo(k)fluoranthene  
22.840min (-0.042) 0.14ng/ul  
response 1005

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 58.81# |
| 125.00 | 17.10 | 35.71# |
| 0.00   | 0.00  | 0.00   |

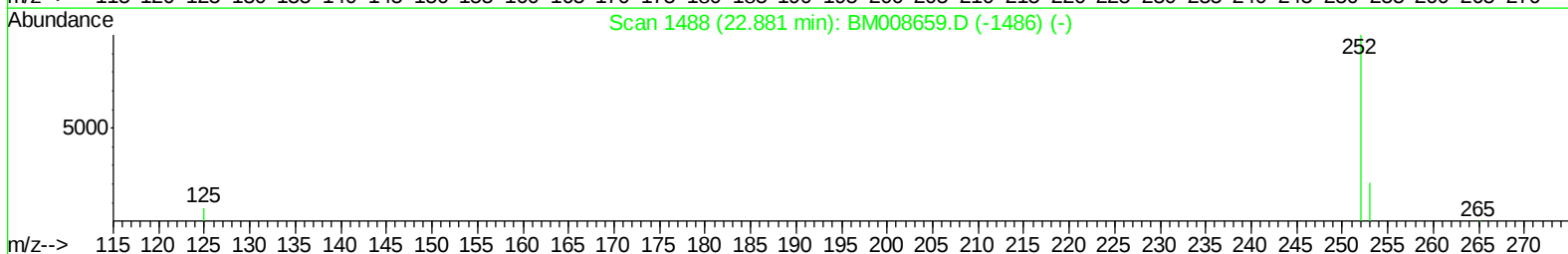
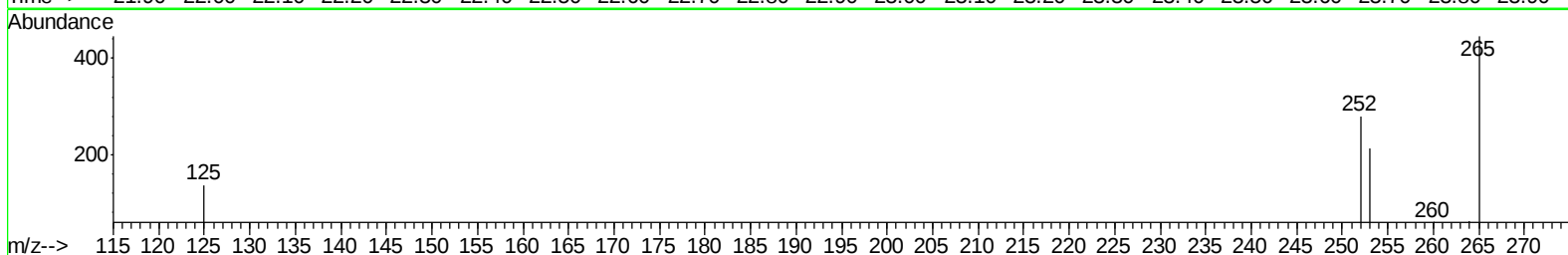
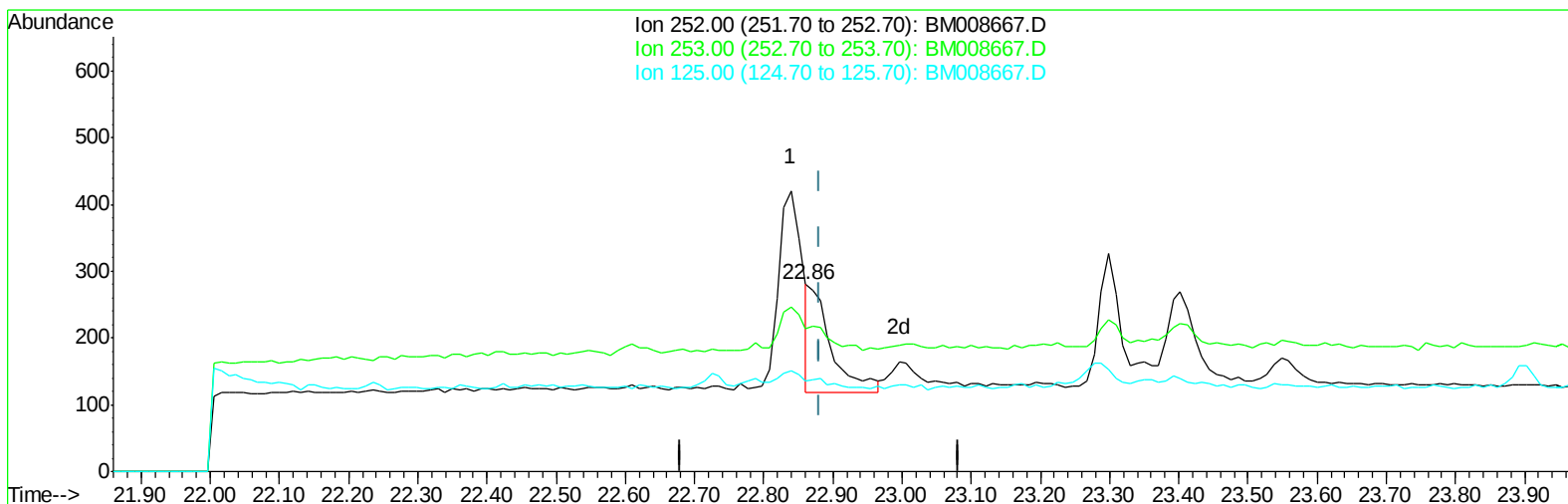
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008667.D  
Acq On : 25 Dec 2016 12:33  
Operator : UM/SJ  
Sample : H6069-12DL 5X  
Misc :  
ALS Vial : 81 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA7J8DL

Manual Integrations  
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12/26/2016 6:29:45 PM

Quant Time: Dec 26 04:39:19 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



TIC: BM008667.D

(22) Benzo(k)fluoranthene

22.860min (-0.021) 0.05ng/ul m

response 354

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 76.43# |
| 125.00 | 17.10 | 48.57# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
 Data File : BM008667.D  
 Acq On : 25 Dec 2016 12:33  
 Operator : UM/SJ  
 Sample : H6069-12DL 5X  
 Misc :  
 ALS Vial : 81 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7J8DL

Manual Integrations  
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Quant Time: Dec 26 04:41:42 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   | 7.68  | 152  | 437      | 0.40   | ng/ul  | -0.09    |
| 2) Naphthalene-d8           | 10.48 | 136  | 1351m    | 0.40   | ng/ul  | -0.04    |
| 6) Acenaphthene-d10         | 14.31 | 164  | 738      | 0.40   | ng/ul  | -0.02    |
| 10) Phenanthrene-d10        | 17.07 | 188  | 1249     | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.28 | 240  | 1403     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.51 | 264  | 1818     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.13 | 152  | 82       | 0.04   | ng/ul  | 0.01     |
| 14) Fluoranthene-d10        | 19.10 | 212  | 241m     | 0.07   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 15) Fluoranthene            | 19.14 | 202  | 670m     | 0.14   | ng/ul  |          |
| 17) Pyrene                  | 19.49 | 202  | 719      | 0.13   | ng/ul# | 74       |
| 18) Benzo(a)anthracene      | 21.27 | 228  | 554      | 0.12   | ng/ul# | 67       |
| 19) Chrysene                | 21.32 | 228  | 463      | 0.09   | ng/ul# | 68       |
| 21) Benzo(b)fluoranthene    | 22.84 | 252  | 729m     | 0.10   | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.86 | 252  | 354m     | 0.05   | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.80 | 276  | 241      | 0.03   | ng/ul  | 93       |

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

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
Data File : BM008667.D  
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Sample : H6069-12DL 5X  
Misc :  
ALS Vial : 81 Sample Multiplier: 1

Instrument :  
BNA\_M  
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DA7J8DL

Manual Integrations  
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Quant Time: Dec 26 04:41:42 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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