

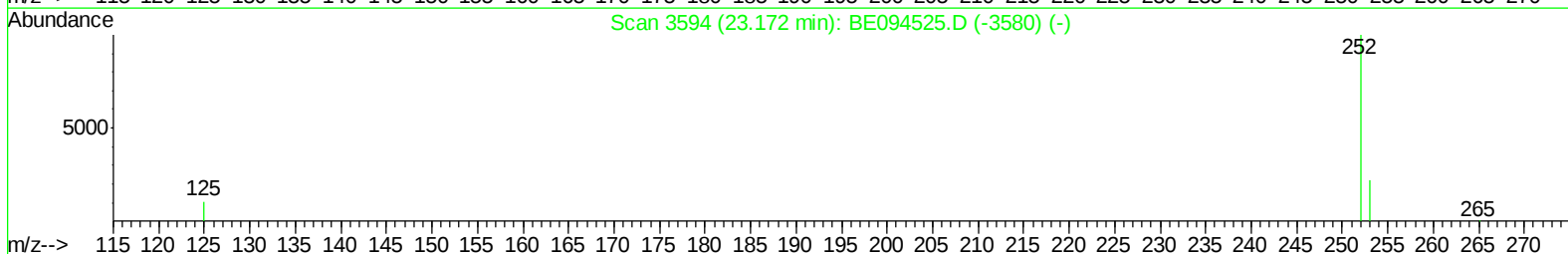
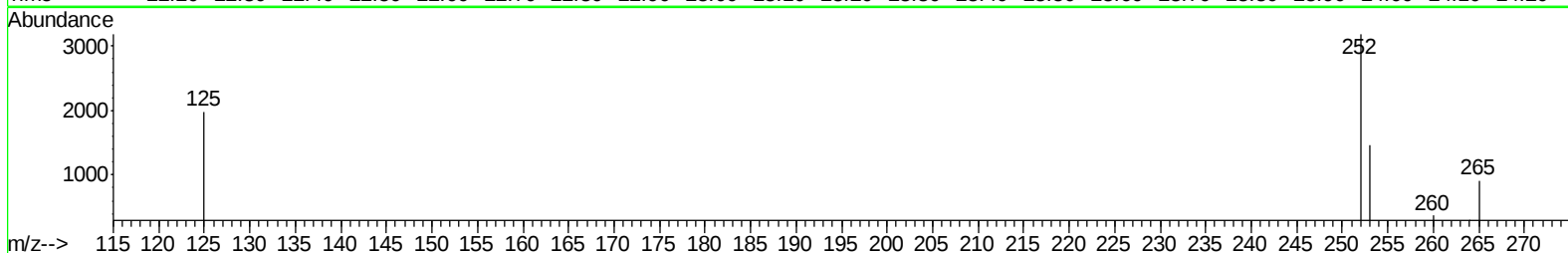
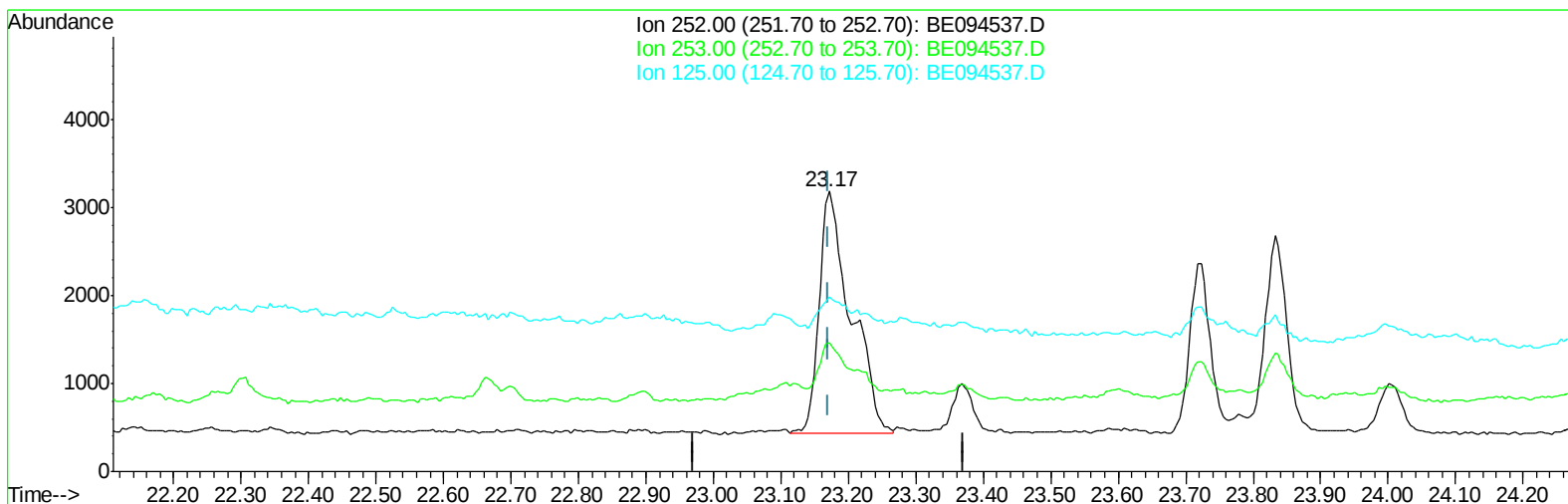
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE102517\  
Data File : BE094537.D  
Acq On : 25 Oct 2017 17:36  
Operator : SJ/JU  
Sample : I5695-04 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-74(3-4)-100417

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:28:49 AM

Quant Time: Oct 25 19:21:06 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 25 18:44:03 2017  
Response via : Initial Calibration



TIC: BE094537.D

(21) Benzo(b)fluoranthene  
23.172min (-0.000) 0.33ng/ul  
response 8922

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 46.06  |
| 125.00 | 17.50 | 62.39# |
| 0.00   | 0.00  | 0.00   |

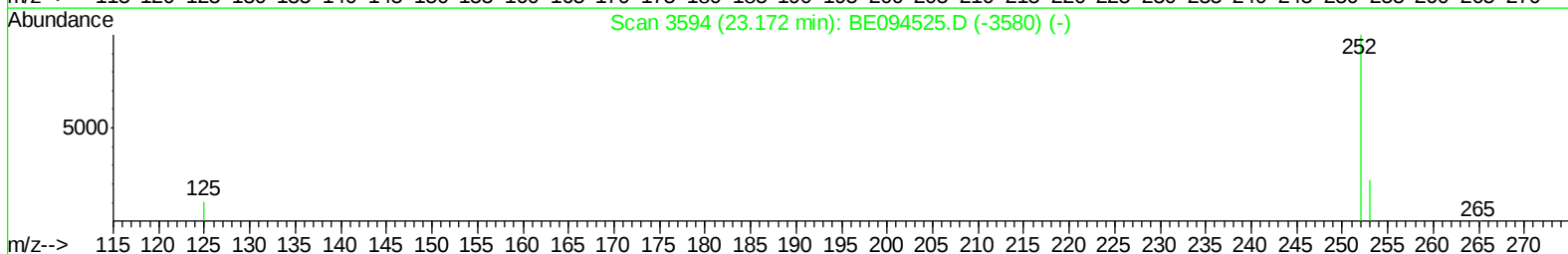
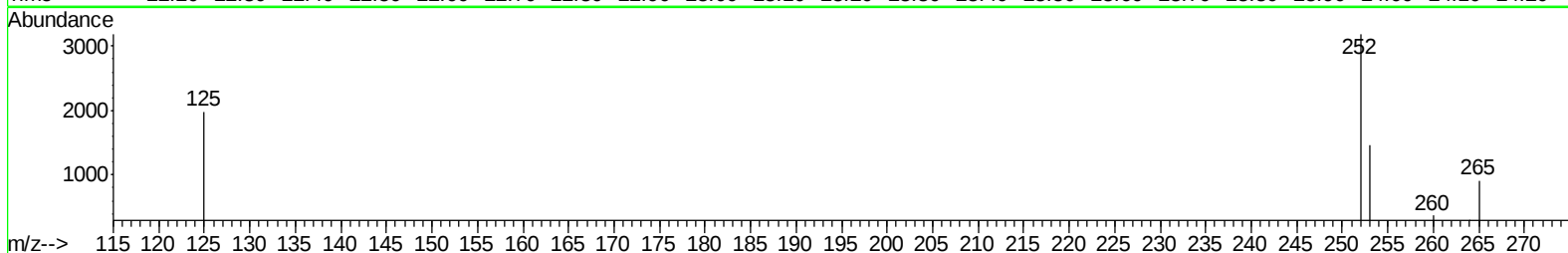
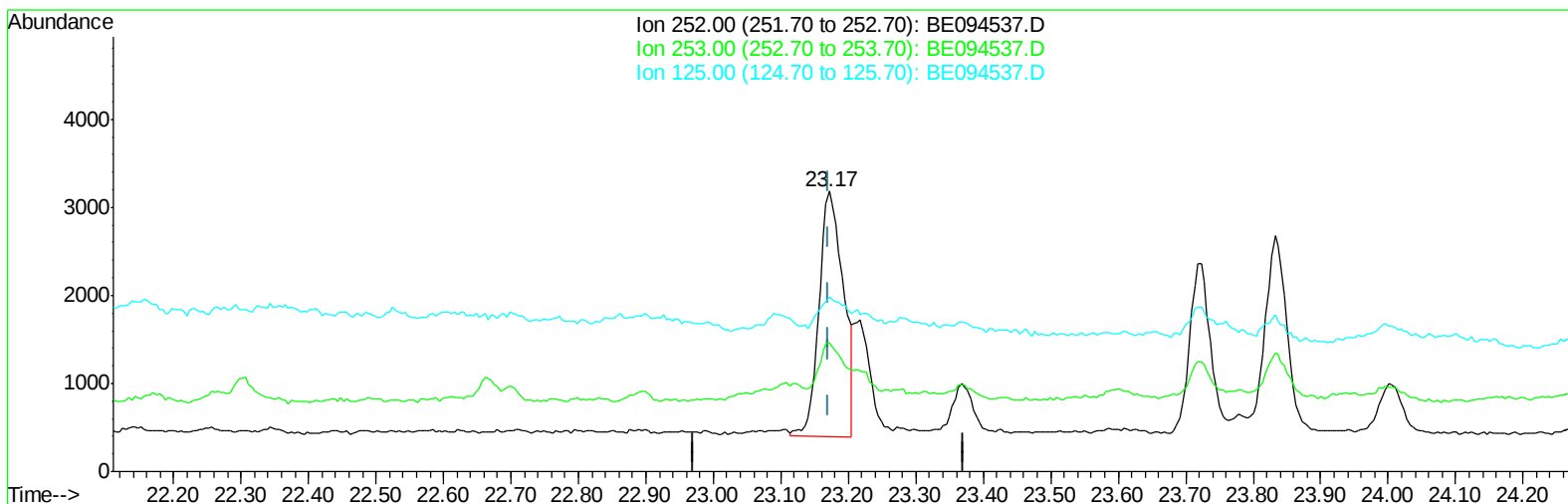
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE102517\  
Data File : BE094537.D  
Acq On : 25 Oct 2017 17:36  
Operator : SJ/JU  
Sample : I5695-04 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-74(3-4)-100417

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:28:49 AM

Quant Time: Oct 25 19:21:06 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 25 18:44:03 2017  
Response via : Initial Calibration



TIC: BE094537.D

(21) Benzo(b)fluoranthene

23.172min (-0.000) 0.26ng/ul m

response 6928

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 46.06  |
| 125.00 | 17.50 | 62.39# |
| 0.00   | 0.00  | 0.00   |

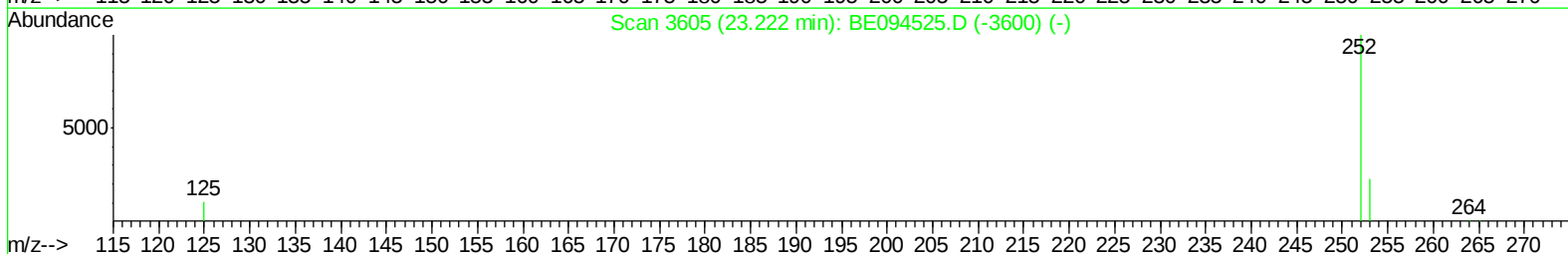
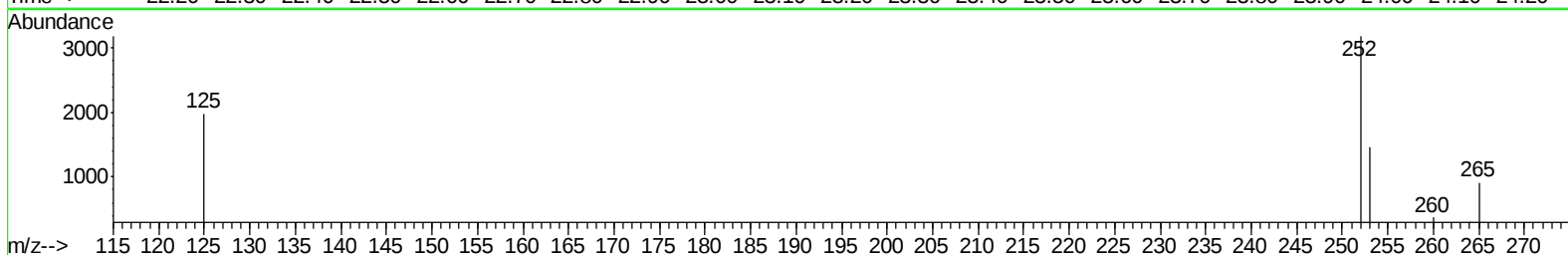
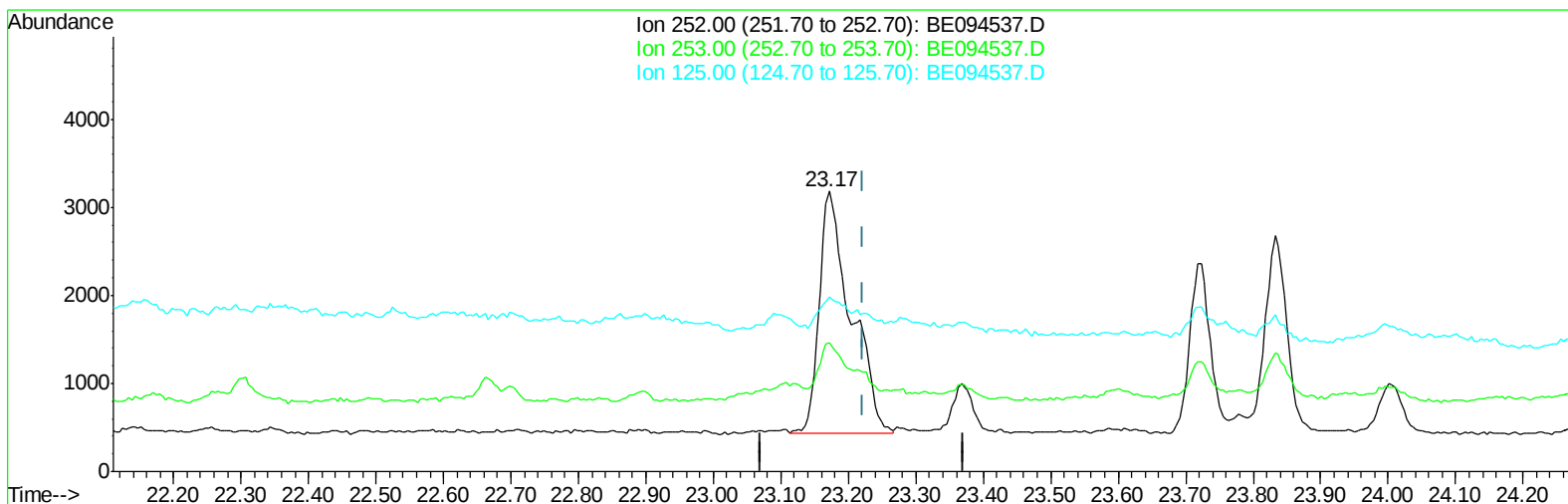
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE102517\  
Data File : BE094537.D  
Acq On : 25 Oct 2017 17:36  
Operator : SJ/JU  
Sample : I5695-04 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-74(3-4)-100417

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:28:49 AM

Quant Time: Oct 25 19:21:06 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 25 18:44:03 2017  
Response via : Initial Calibration



TIC: BE094537.D

(22) Benzo(k)fluoranthene

23.172min (-0.050) 0.31ng/ul

response 8922

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 46.06# |
| 125.00 | 17.10 | 62.39# |
| 0.00   | 0.00  | 0.00   |

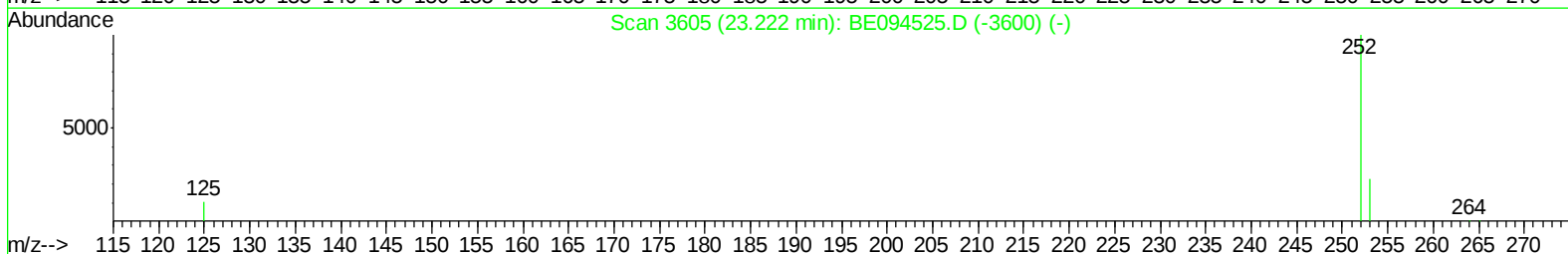
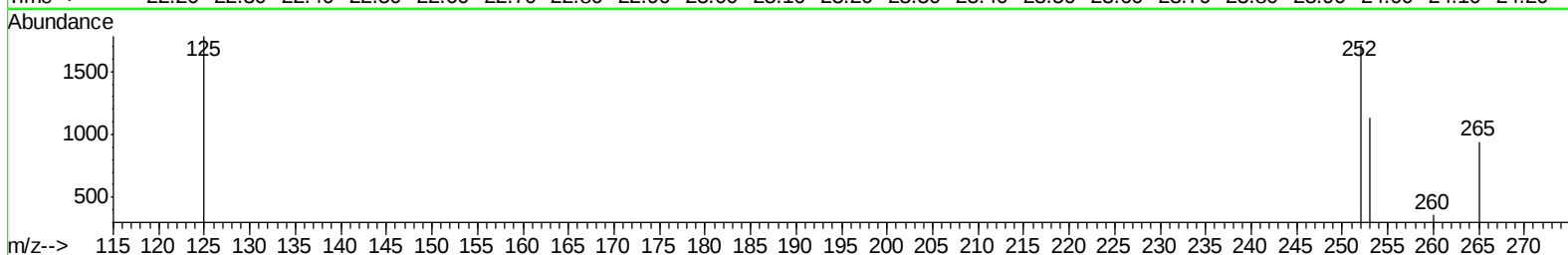
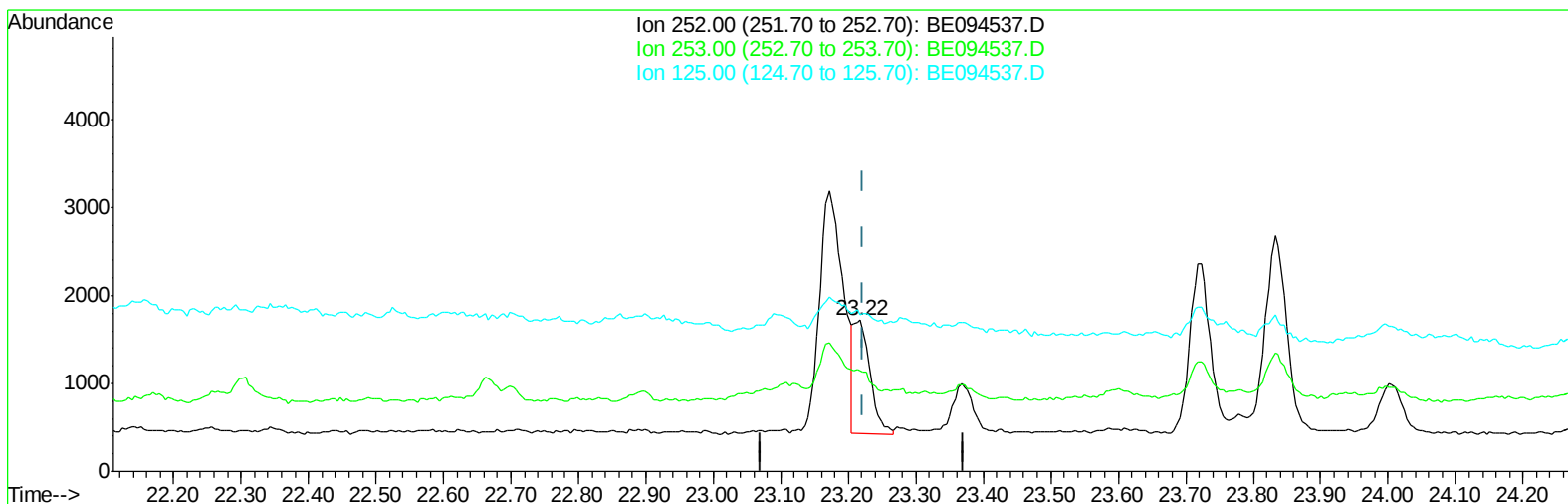
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE102517\  
Data File : BE094537.D  
Acq On : 25 Oct 2017 17:36  
Operator : SJ/JU  
Sample : I5695-04 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-74(3-4)-100417

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:28:49 AM

Quant Time: Oct 25 19:21:06 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 25 18:44:03 2017  
Response via : Initial Calibration



TIC: BE094537.D

(22) Benzo(k)fluoranthene

23.217min (-0.005) 0.08ng/ul m

response 2260

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 30.60 | 66.03#  |
| 125.00 | 17.10 | 103.43# |
| 0.00   | 0.00  | 0.00    |

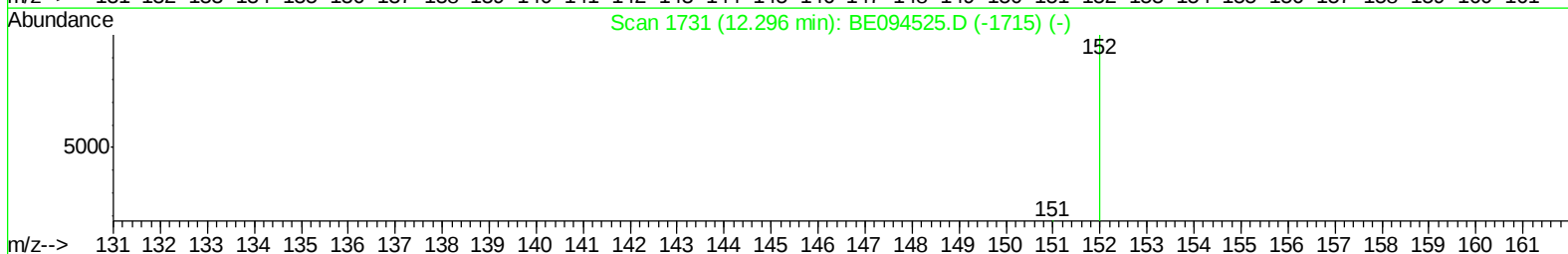
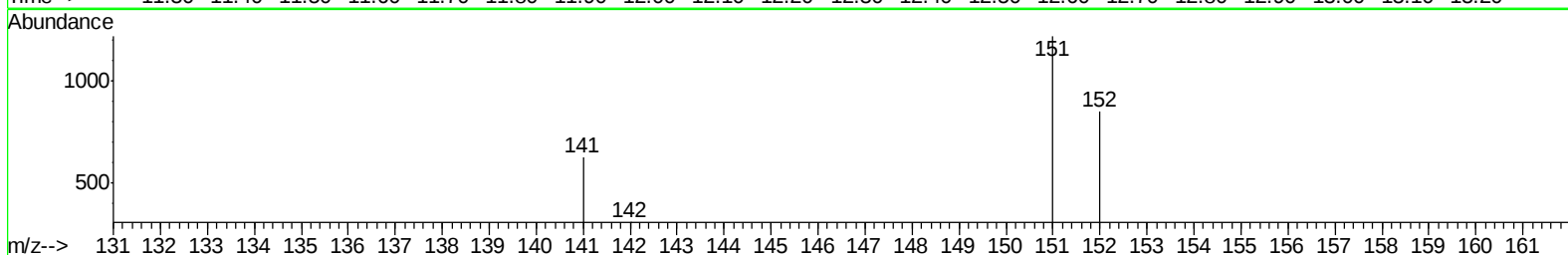
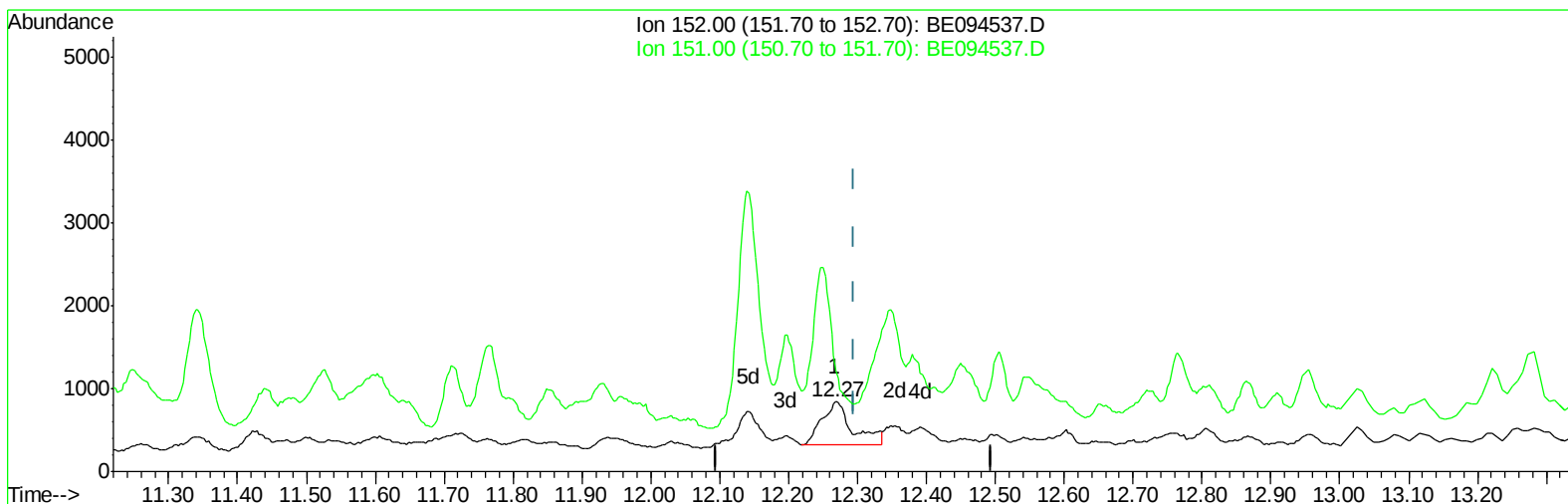
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE102517\  
Data File : BE094537.D  
Acq On : 25 Oct 2017 17:36  
Operator : SJ/JU  
Sample : I5695-04 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-74(3-4)-100417

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:28:49 AM

Quant Time: Oct 25 19:25:16 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 25 18:44:03 2017  
Response via : Initial Calibration



TIC: BE094537.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.268min (-0.026) 0.12ng/ul

response 1650

| 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\_E\Data\BE102517\  
 Data File : BE094537.D  
 Acq On : 25 Oct 2017 17:36  
 Operator : SJ/JU  
 Sample : I5695-04 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 B-74(3-4)-100417

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:28:49 AM

Quant Time: Oct 25 19:50:03 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 25 18:44:03 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.90  | 152  | 3022     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.69 | 136  | 8378     | 0.40   | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.51 | 164  | 4426     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 8949     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.42 | 240  | 8975     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.95 | 264  | 9559     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.27 | 152  | 1293m    | 0.10   | ng/ul  | -0.03    |
| 14) Fluoranthene-d10        | 19.28 | 212  | 1672     | 0.06   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.73 | 128  | 14142    | 0.690  | ng/ul# | 1        |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 2215     | 0.155  | ng/ul  | 97       |
| 7) Acenaphthylene           | 14.24 | 152  | 2472     | 0.123  | ng/ul# | 1        |
| 8) Acenaphthene             | 14.57 | 153  | 4088     | 0.284  | ng/ul# | 80       |
| 9) Fluorene                 | 15.56 | 166  | 3958     | 0.245  | ng/ul# | 67       |
| 12) Phenanthrene            | 17.29 | 178  | 7852     | 0.332  | ng/ul# | 85       |
| 15) Fluoranthene            | 19.31 | 202  | 5969     | 0.218  | ng/ul  | 83       |
| 17) Pyrene                  | 19.67 | 202  | 6353     | 0.229  | ng/ul# | 88       |
| 18) Benzo(a)anthracene      | 21.40 | 228  | 3289     | 0.128  | ng/ul# | 63       |
| 19) Chrysene                | 21.46 | 228  | 3740     | 0.141  | ng/ul# | 62       |
| 21) Benzo(b)fluoranthene    | 23.17 | 252  | 6928m    | 0.258  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.22 | 252  | 2260m    | 0.078  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.83 | 252  | 4905     | 0.182  | ng/ul# | 50       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.64 | 276  | 4255     | 0.153  | ng/ul# | 78       |
| 26) Benzo(g,h,i)perylene    | 27.47 | 276  | 4115     | 0.184  | ng/ul# | 52       |

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

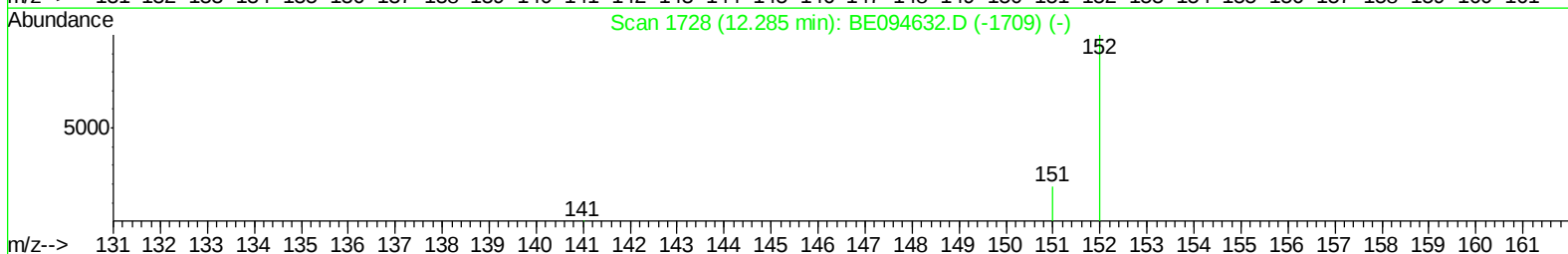
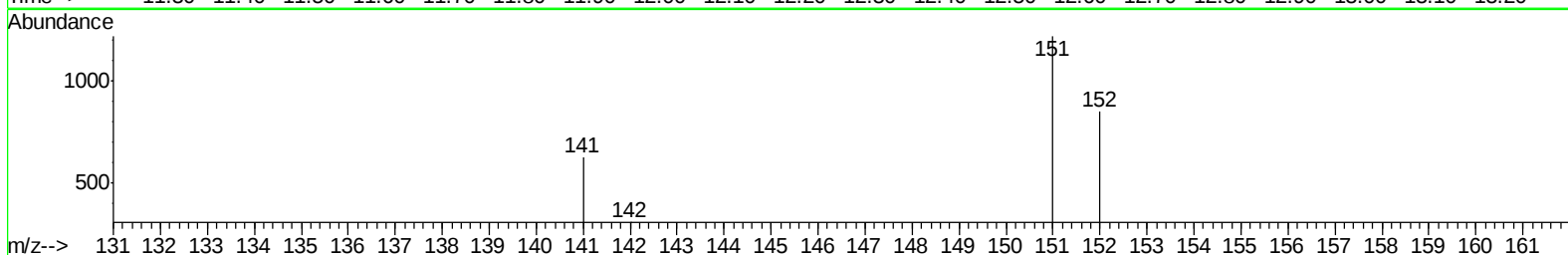
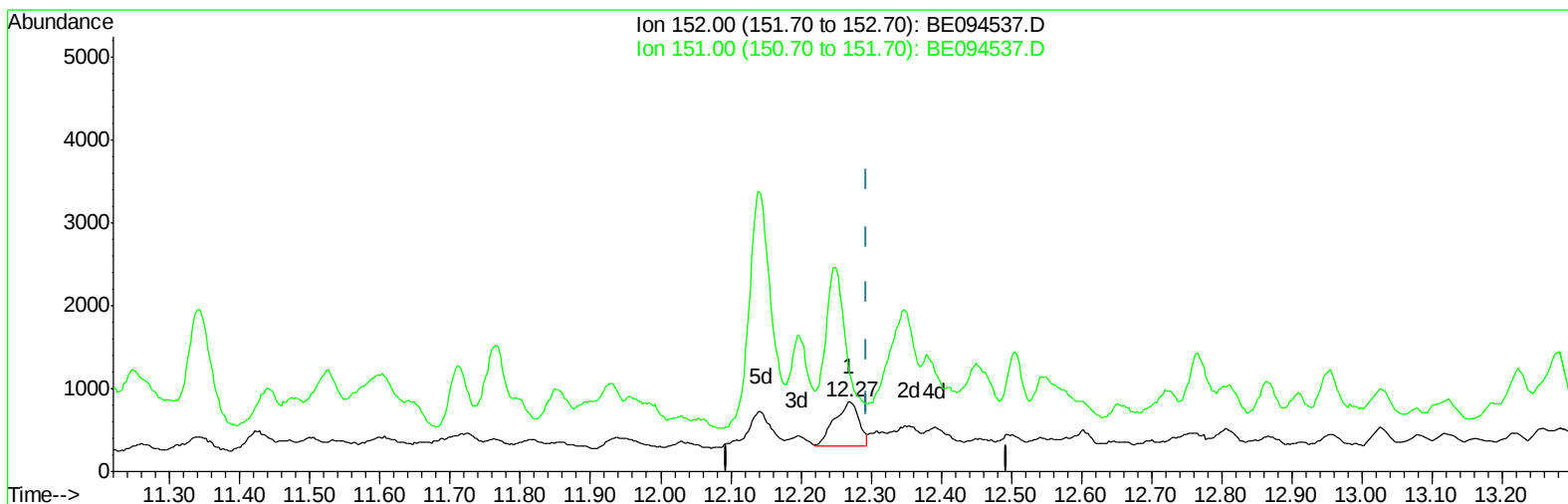
Data File : BE094537.D  
Acq On : 25 Oct 2017 17:36  
Operator : SJ/JU  
Sample : I5695-04 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-74(3-4)-100417

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:28:49 AM

Quant Time: Oct 25 19:50:03 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 25 18:44:03 2017  
Response via : Initial Calibration



TIC: BE094537.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.268min (-0.026) 0.10ng/ul m

response 1293

| 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\_E\Data\BE102517\  
Data File : BE094537.D  
Acq On : 25 Oct 2017 17:36  
Operator : SJ/JU  
Sample : I5695-04 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-74(3-4)-100417

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:28:49 AM

Quant Time: Oct 25 19:50:03 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 25 18:44:03 2017  
Response via : Initial Calibration

