

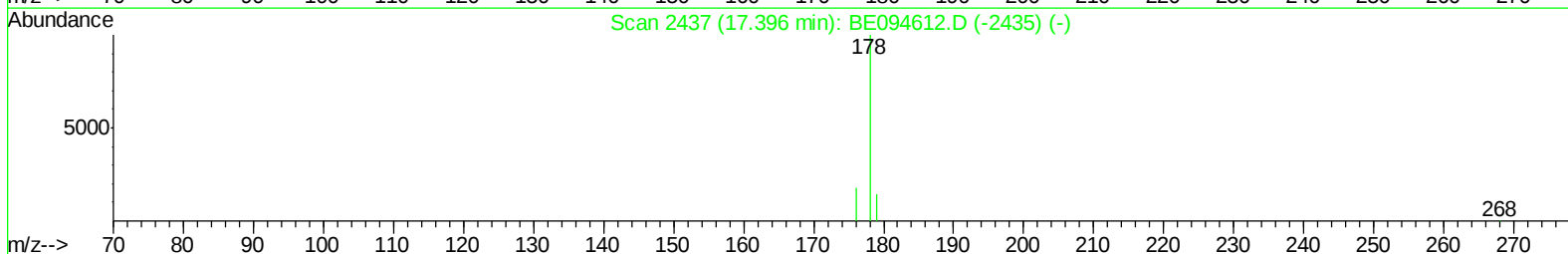
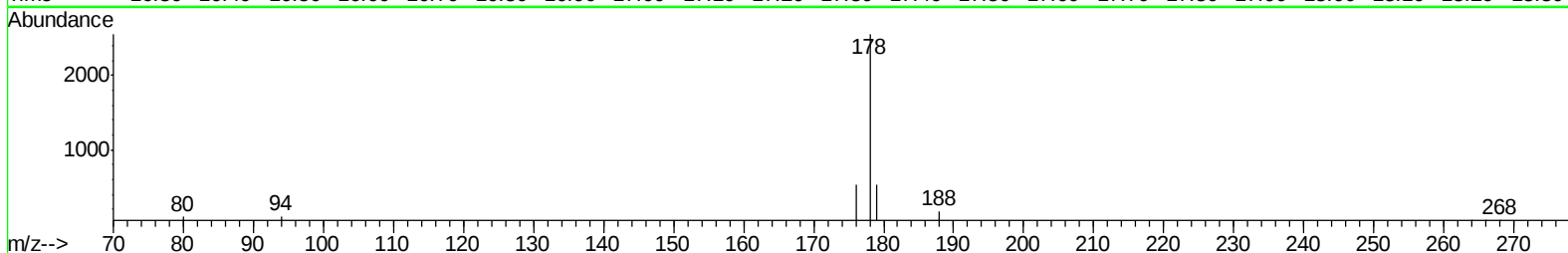
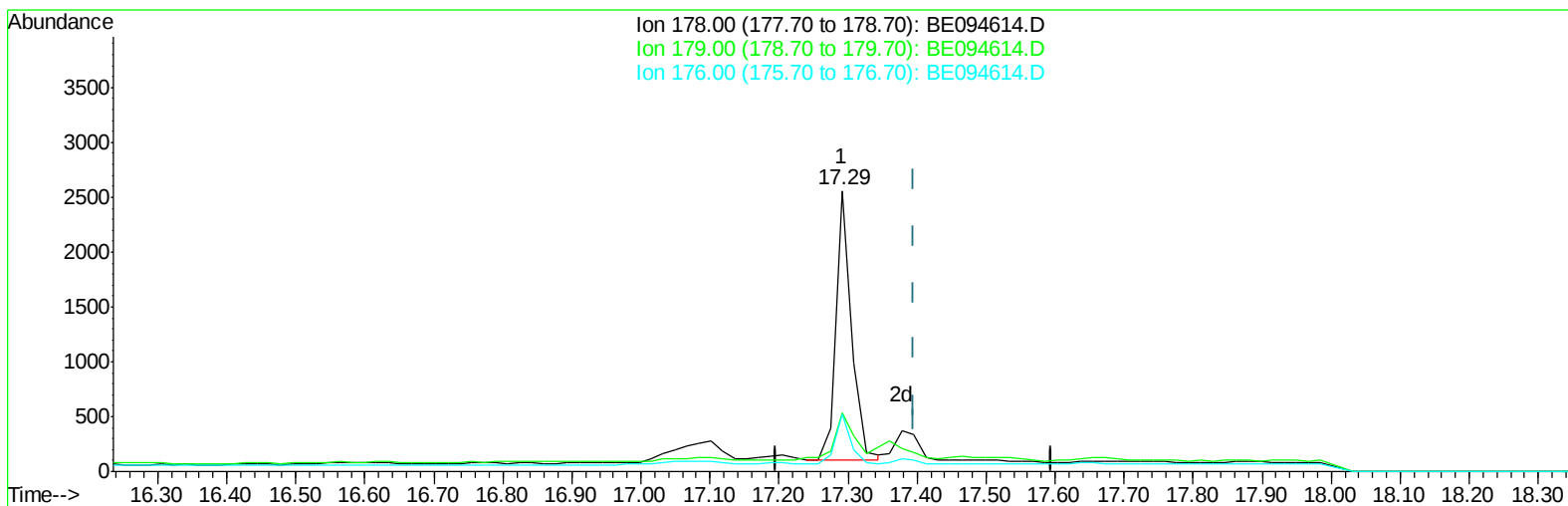
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094614.D  
Acq On : 28 Oct 2017 9:46  
Operator : SJ/JU  
Sample : I5842-16DL 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
C0AB4DL

Manual Integrations  
APPROVED

Sohil  
10/30/2017 6:37:23 PM

Quant Time: Oct 30 02:32:12 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 30 02:20:53 2017  
Response via : Initial Calibration



TIC: BE094614.D

(13) Anthracene

17.292min (-0.104) 0.17ng/ul

response 3882

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 22.60 | 20.96 |
| 176.00 | 18.40 | 20.65 |
| 0.00   | 0.00  | 0.00  |

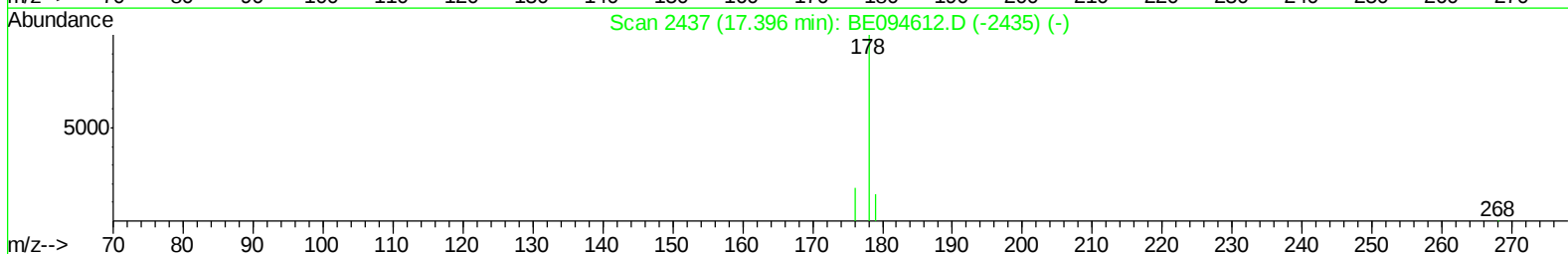
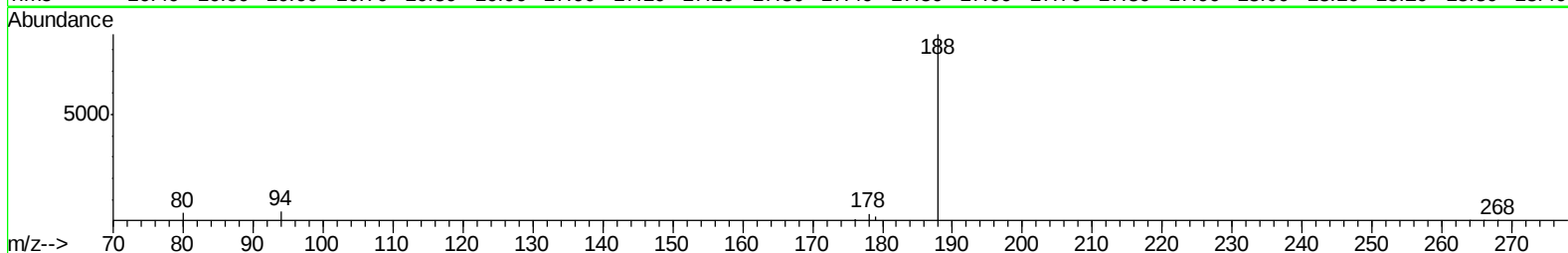
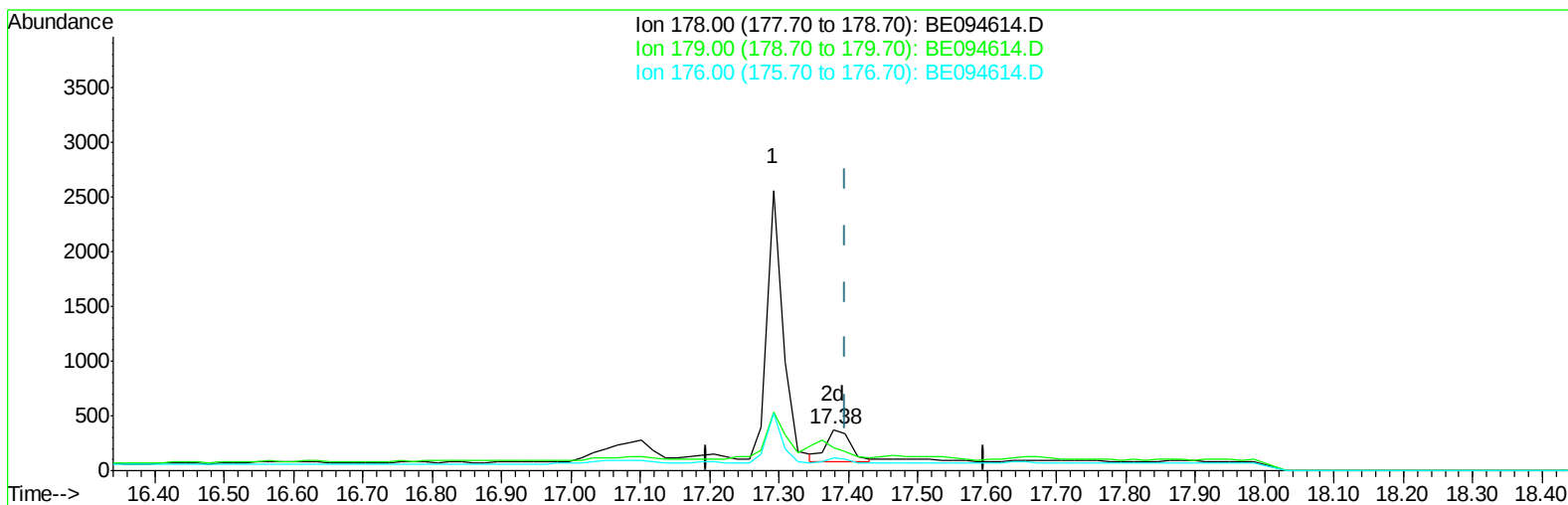
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094614.D  
Acq On : 28 Oct 2017 9:46  
Operator : SJ/JU  
Sample : I5842-16DL 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
C0AB4DL

Manual Integrations  
APPROVED

Sohil  
10/30/2017 6:37:23 PM

Quant Time: Oct 30 02:32:12 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 30 02:20:53 2017  
Response via : Initial Calibration



TIC: BE094614.D

(13) Anthracene

17.378min (-0.018) 0.03ng/ul m

response 722

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 22.60 | 55.97# |
| 176.00 | 18.40 | 32.36# |
| 0.00   | 0.00  | 0.00   |

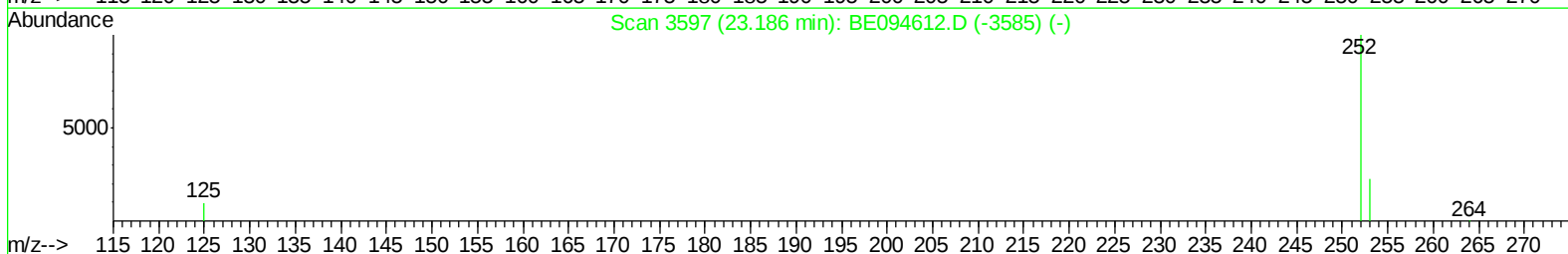
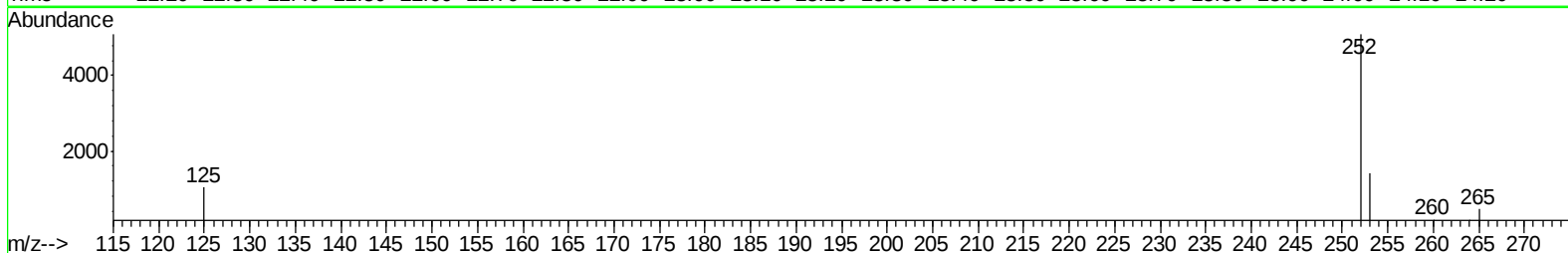
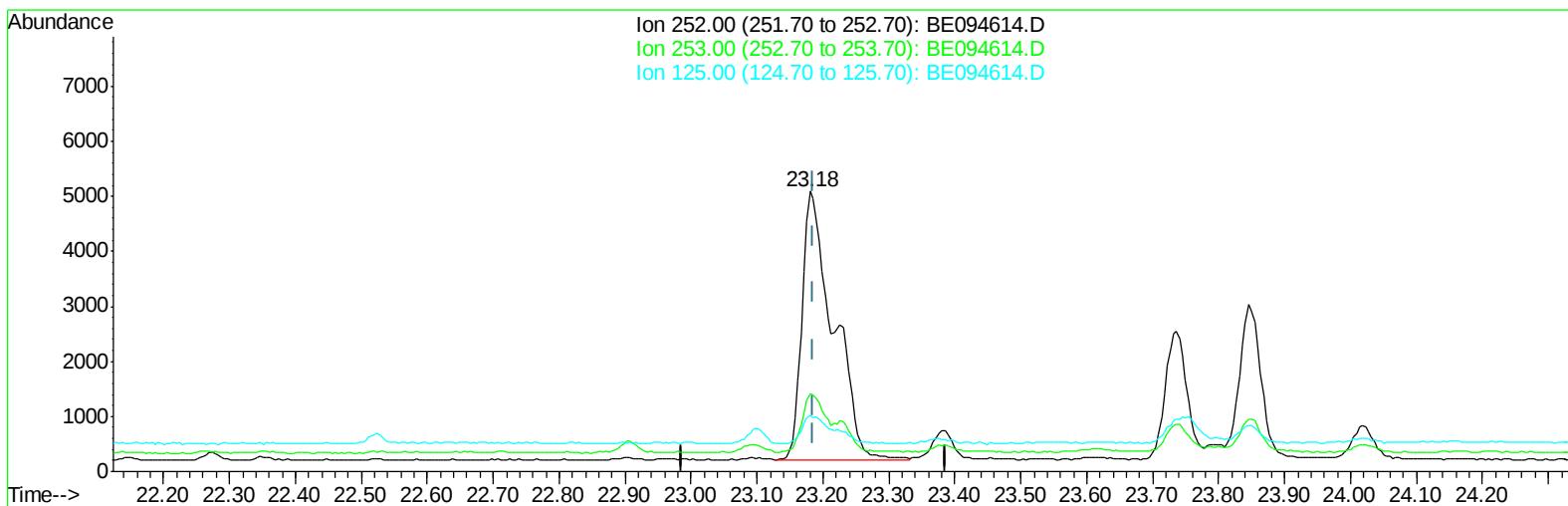
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094614.D  
Acq On : 28 Oct 2017 9:46  
Operator : SJ/JU  
Sample : I5842-16DL 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
C0AB4DL

Manual Integrations  
APPROVED

Sohil  
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Quant Time: Oct 30 02:32:12 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 30 02:20:53 2017  
Response via : Initial Calibration



TIC: BE094614.D

(21) Benzo(b)fluoranthene  
23.180min (-0.006) 0.58ng/ul  
response 16076

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 27.71 |
| 125.00 | 17.50 | 20.17 |
| 0.00   | 0.00  | 0.00  |

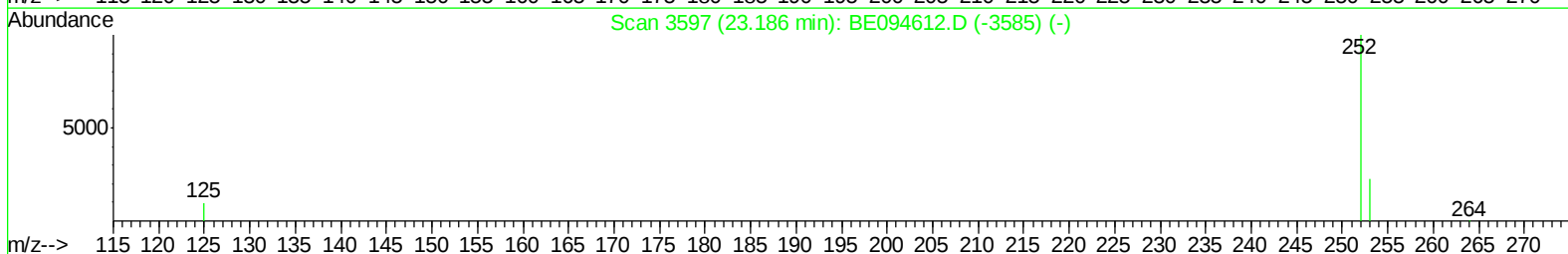
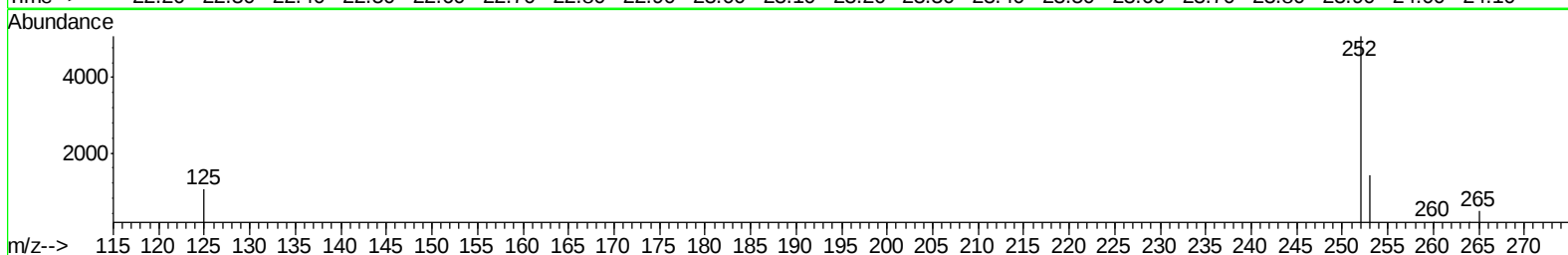
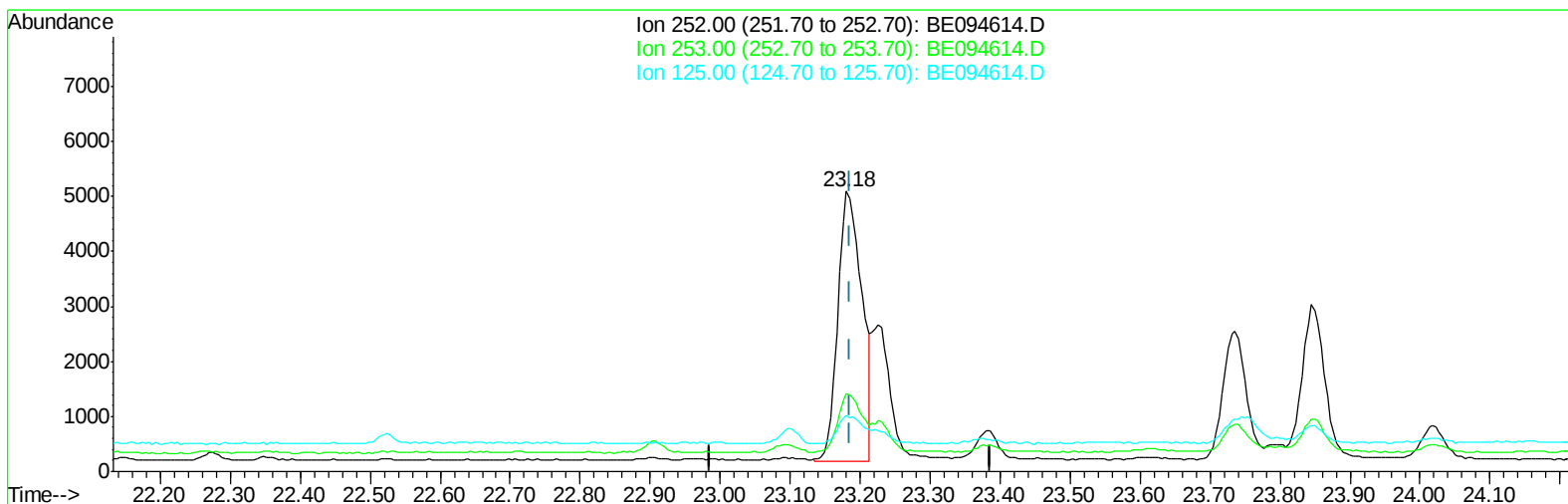
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094614.D  
Acq On : 28 Oct 2017 9:46  
Operator : SJ/JU  
Sample : I5842-16DL 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
C0AB4DL

Manual Integrations  
APPROVED

Sohil  
10/30/2017 6:37:23 PM

Quant Time: Oct 30 02:32:12 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 30 02:20:53 2017  
Response via : Initial Calibration



TIC: BE094614.D

(21) Benzo(b)fluoranthene

23.180min (-0.006) 0.42ng/ul m

response 11619

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 27.71 |
| 125.00 | 17.50 | 20.17 |
| 0.00   | 0.00  | 0.00  |

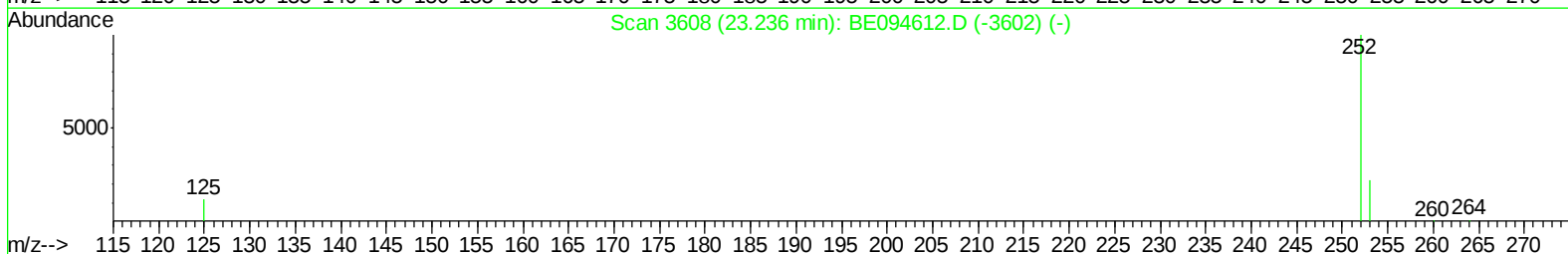
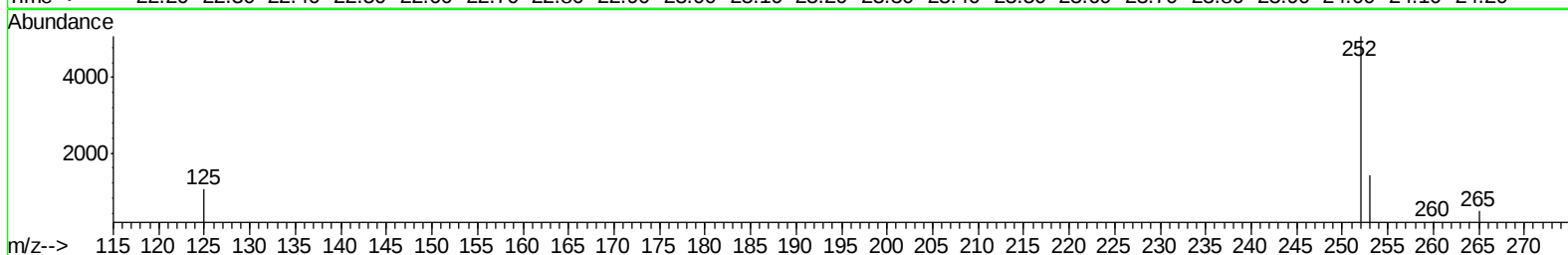
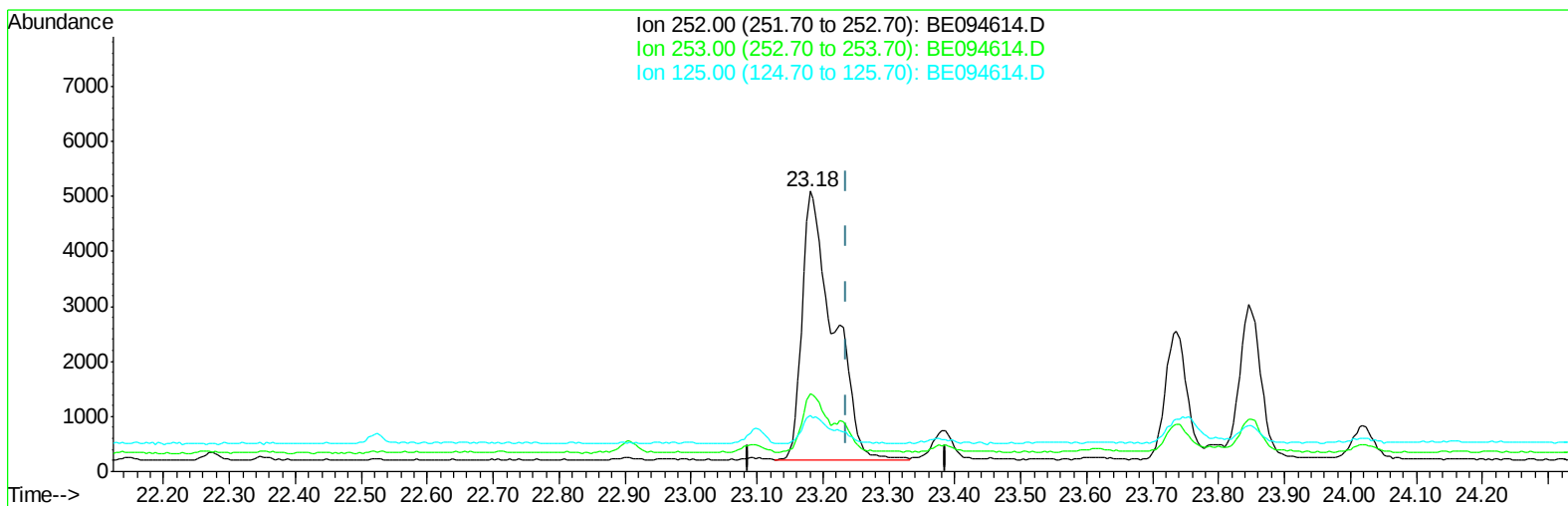
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
 Data File : BE094614.D  
 Acq On : 28 Oct 2017 9:46  
 Operator : SJ/JU  
 Sample : I5842-16DL 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AB4DL

Manual Integrations  
 APPROVED

Sohil  
 10/30/2017 6:37:23 PM

Quant Time: Oct 30 02:32:12 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 30 02:20:53 2017  
 Response via : Initial Calibration



TIC: BE094614.D

(22) Benzo(k)fluoranthene

23.180min (-0.056) 0.54ng/ul

response 16076

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.60 | 27.71 |
| 125.00 | 17.10 | 20.17 |
| 0.00   | 0.00  | 0.00  |

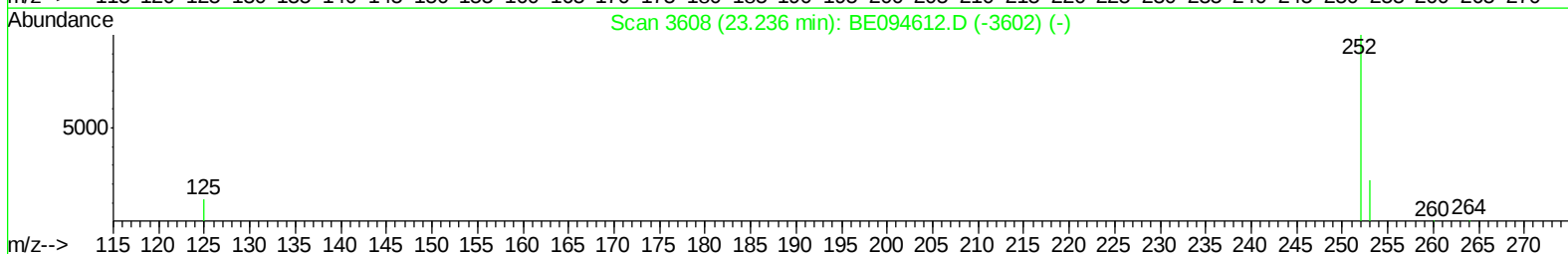
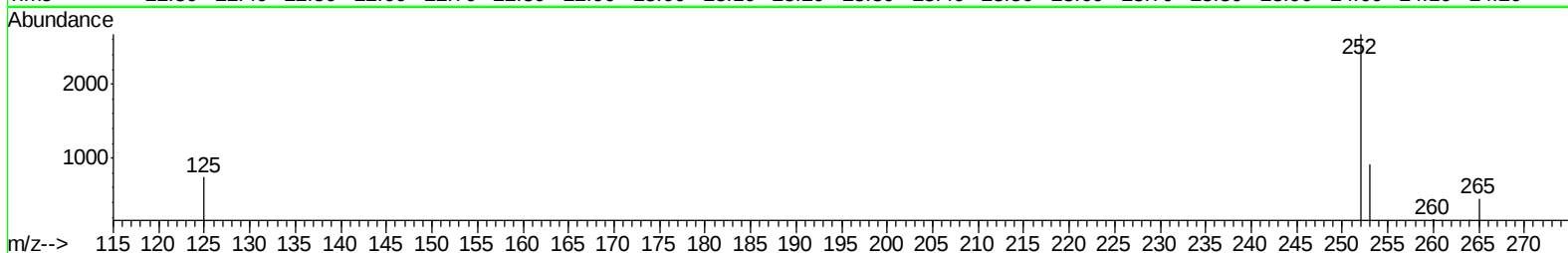
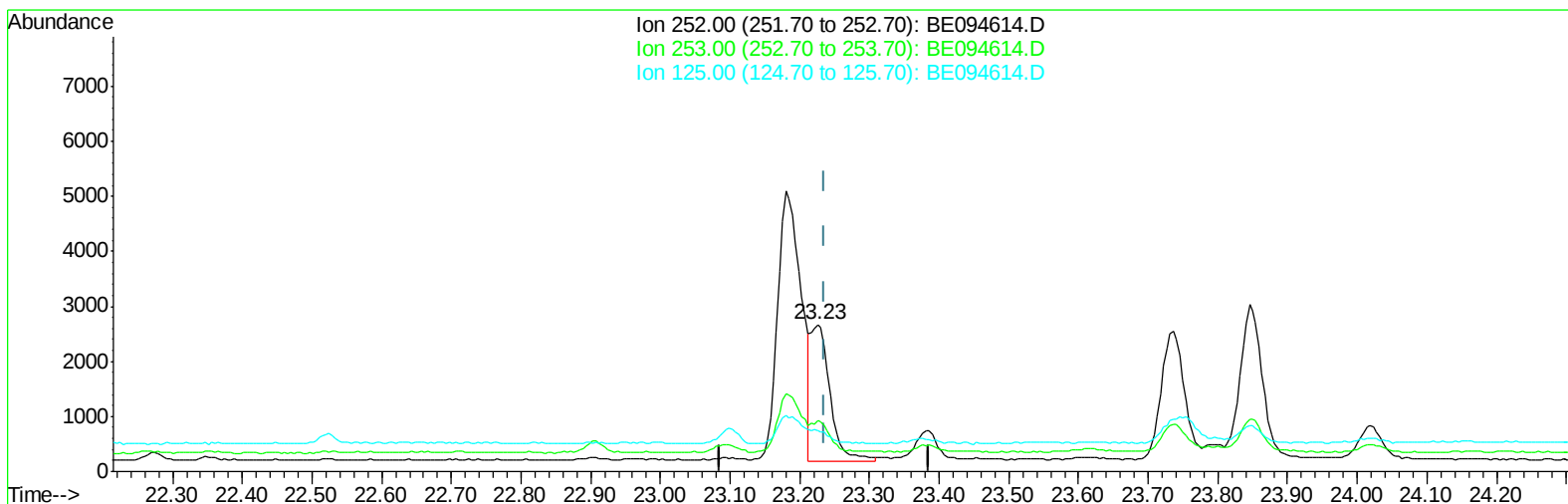
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094614.D  
Acq On : 28 Oct 2017 9:46  
Operator : SJ/JU  
Sample : I5842-16DL 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
C0AB4DL

Manual Integrations  
APPROVED

Sohil  
10/30/2017 6:37:23 PM

Quant Time: Oct 30 02:32:12 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 30 02:20:53 2017  
Response via : Initial Calibration



TIC: BE094614.D

(22) Benzo(k)fluoranthene

23.226min (-0.011) 0.16ng/ul m

response 4703

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 34.44  |
| 125.00 | 17.10 | 27.67# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
 Data File : BE094614.D  
 Acq On : 28 Oct 2017 9:46  
 Operator : SJ/JU  
 Sample : I5842-16DL 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AB4DL

Manual Integrations  
 APPROVED

Sohil  
 10/30/2017 6:37:23 PM

Quant Time: Oct 30 02:40:54 2017  
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 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1182     | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.70 | 136  | 7215     | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.52 | 164  | 4089     | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 8711     | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.43 | 240  | 9234     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.96 | 264  | 9810     | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 905      | 0.08 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.28 | 212  | 2219     | 0.09 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
| 12) Phenanthrene            | 17.29 | 178  | 3891     | 0.17 | ng/ul# | 94       |
| 13) Anthracene              | 17.38 | 178  | 722m     | 0.03 | ng/ul  |          |
| 15) Fluoranthene            | 19.31 | 202  | 11663    | 0.44 | ng/ul  | 84       |
| 17) Pyrene                  | 19.67 | 202  | 9875     | 0.35 | ng/ul# | 84       |
| 18) Benzo(a)anthracene      | 21.41 | 228  | 7113     | 0.27 | ng/ul# | 88       |
| 19) Chrysene                | 21.46 | 228  | 9816     | 0.36 | ng/ul  | 94       |
| 21) Benzo(b)fluoranthene    | 23.18 | 252  | 11619m   | 0.42 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.23 | 252  | 4703m    | 0.16 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.85 | 252  | 6255     | 0.23 | ng/ul# | 92       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.67 | 276  | 4096     | 0.14 | ng/ul# | 75       |
| 25) Dibenzo(a,h)anthracene  | 26.66 | 278  | 1016     | 0.04 | ng/ul# | 8        |
| 26) Benzo(g,h,i)perylene    | 27.51 | 276  | 3136     | 0.14 | ng/ul# | 69       |

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

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Manual Integrations  
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Sohil  
10/30/2017 6:37:23 PM

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