

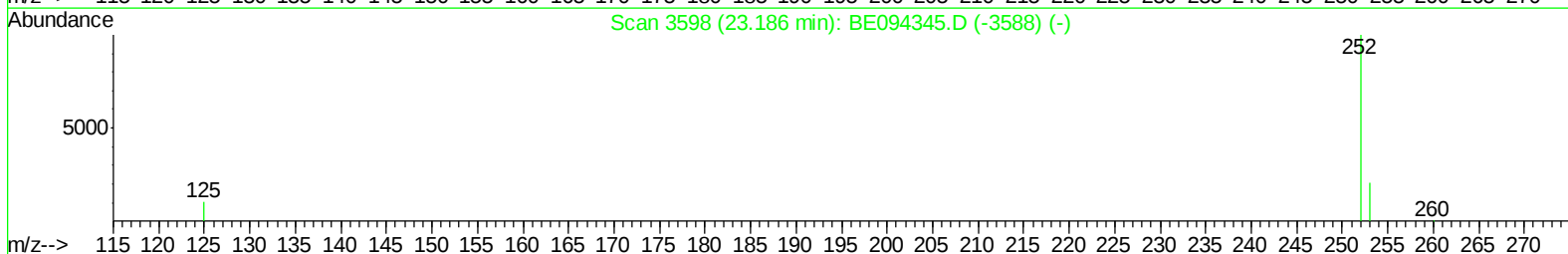
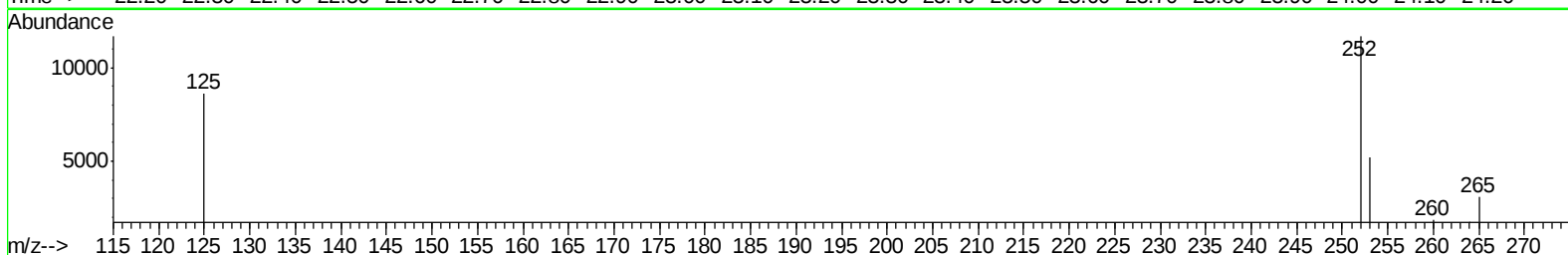
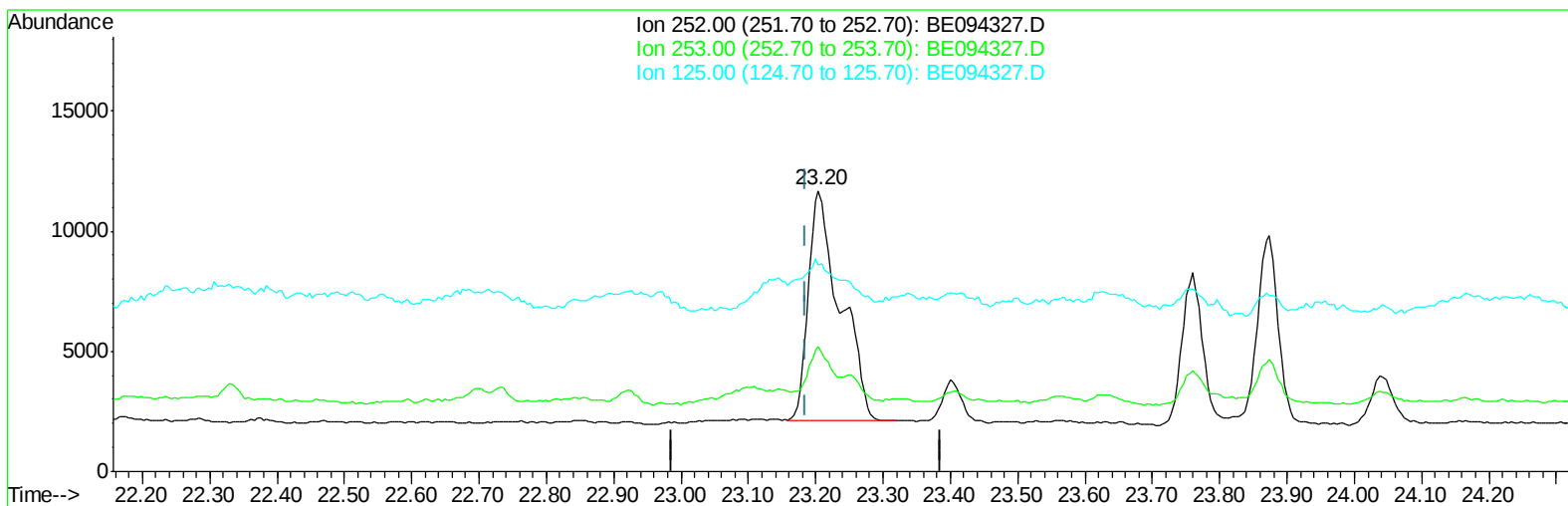
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE101317\  
Data File : BE094327.D  
Acq On : 13 Oct 2017 16:31  
Operator : SJ/JU  
Sample : I5568-04DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-75(0-1)-092917DL

Manual Integrations  
APPROVED

Sohil  
10/16/2017 8:22:45 PM

Quant Time: Oct 15 02:52:36 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE092017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 14 05:22:31 2017  
Response via : Initial Calibration



TIC: BE094327.D

(21) Benzo(b)fluoranthene

23.204min (+0.018) 1.40ng/ul

response 31483

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 44.54  |
| 125.00 | 17.50 | 73.67# |
| 0.00   | 0.00  | 0.00   |

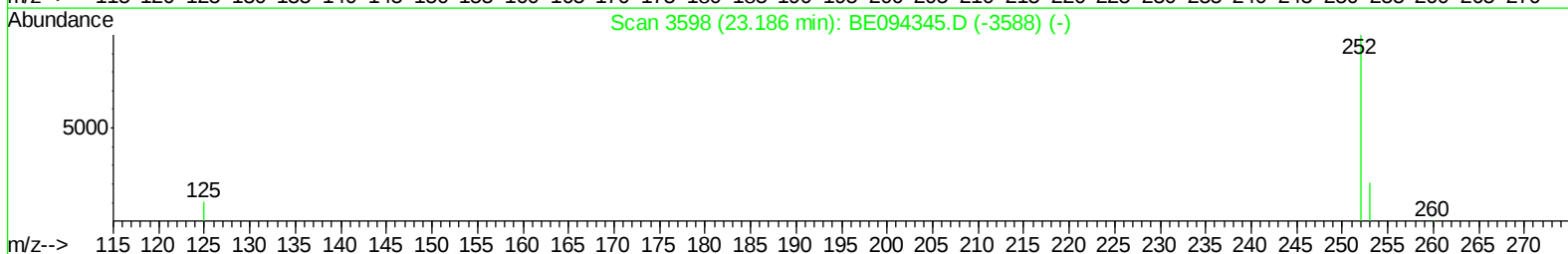
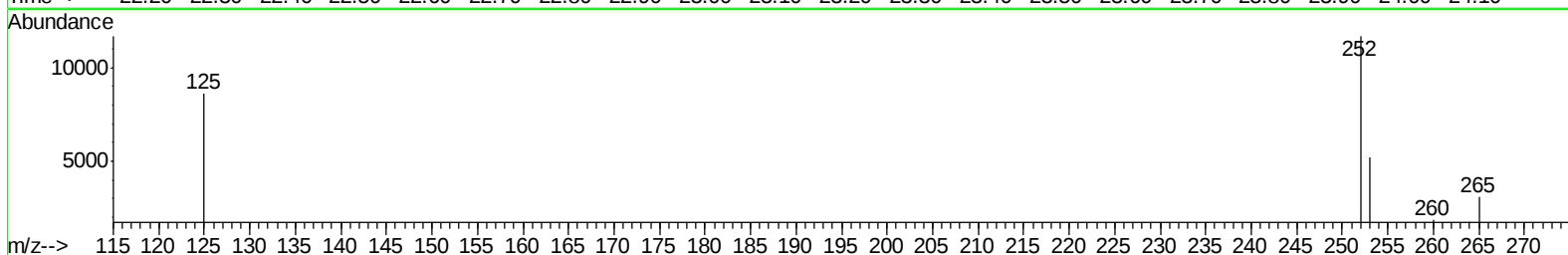
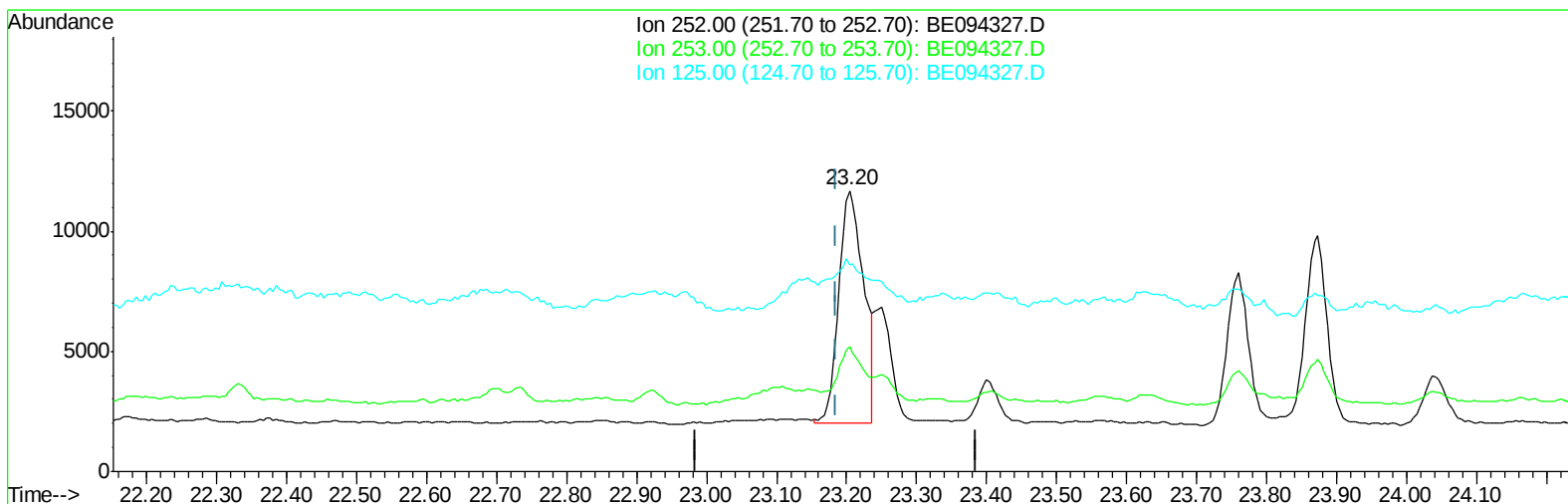
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE101317\  
Data File : BE094327.D  
Acq On : 13 Oct 2017 16:31  
Operator : SJ/JU  
Sample : I5568-04DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
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Manual Integrations  
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Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE092017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 14 05:22:31 2017  
Response via : Initial Calibration



TIC: BE094327.D

(21) Benzo(b)fluoranthene

23.204min (+0.018) 1.07ng/ul m

response 24102

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 44.54  |
| 125.00 | 17.50 | 73.67# |
| 0.00   | 0.00  | 0.00   |

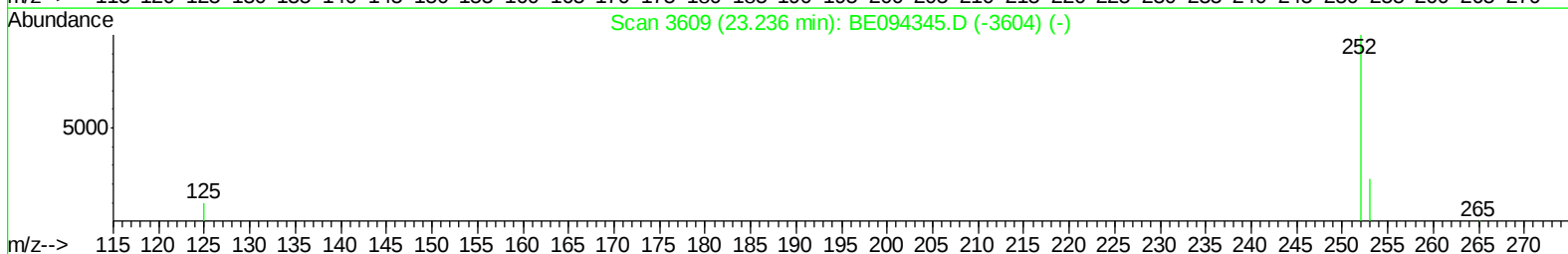
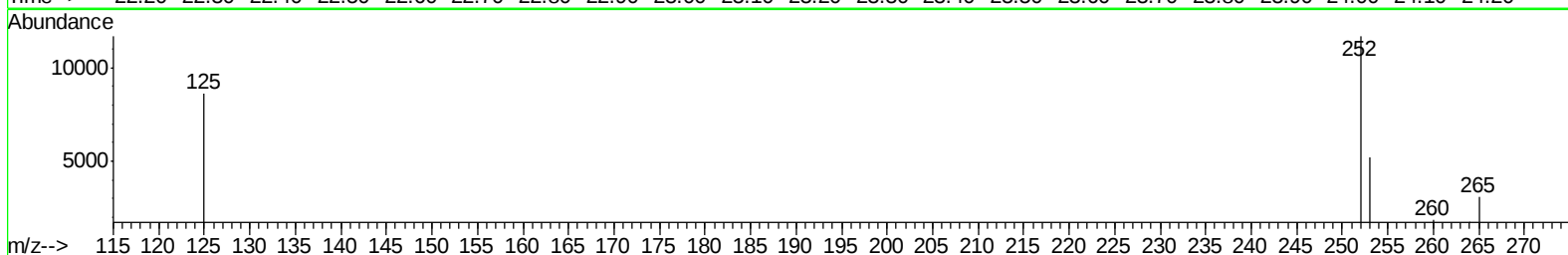
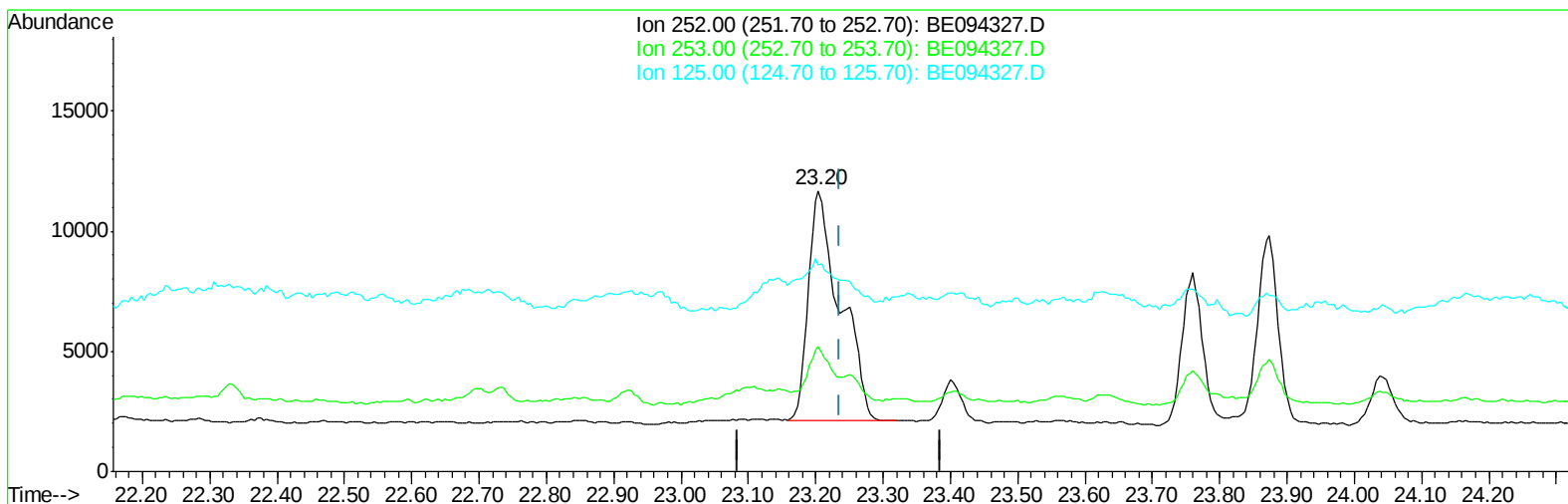
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE101317\  
Data File : BE094327.D  
Acq On : 13 Oct 2017 16:31  
Operator : SJ/JU  
Sample : I5568-04DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-75(0-1)-092917DL

Manual Integrations  
APPROVED

Sohil  
10/16/2017 8:22:45 PM

Quant Time: Oct 15 02:52:36 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE092017.M  
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QLast Update : Sat Oct 14 05:22:31 2017  
Response via : Initial Calibration



TIC: BE094327.D

(22) Benzo(k)fluoranthene

23.204min (-0.032) 1.21ng/ul

response 31483

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 44.54# |
| 125.00 | 17.10 | 73.67# |
| 0.00   | 0.00  | 0.00   |

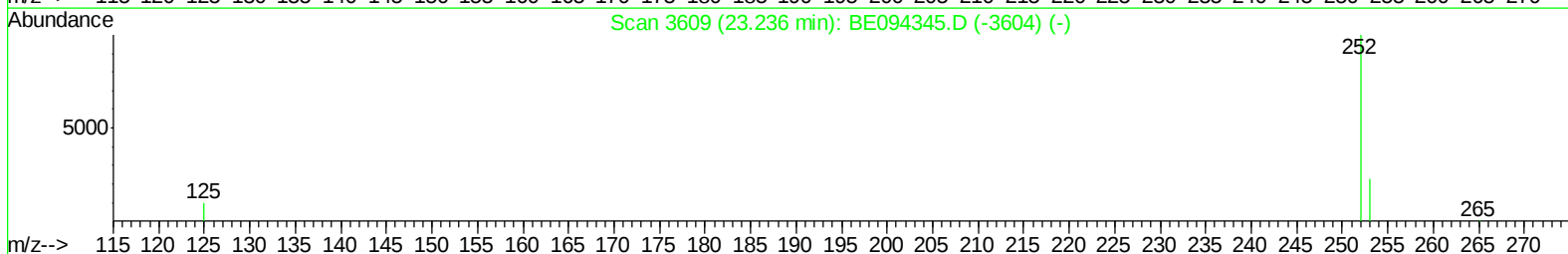
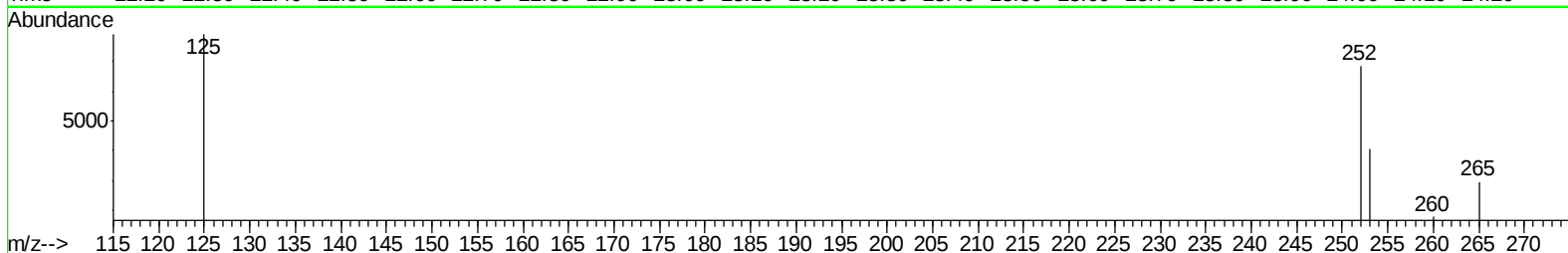
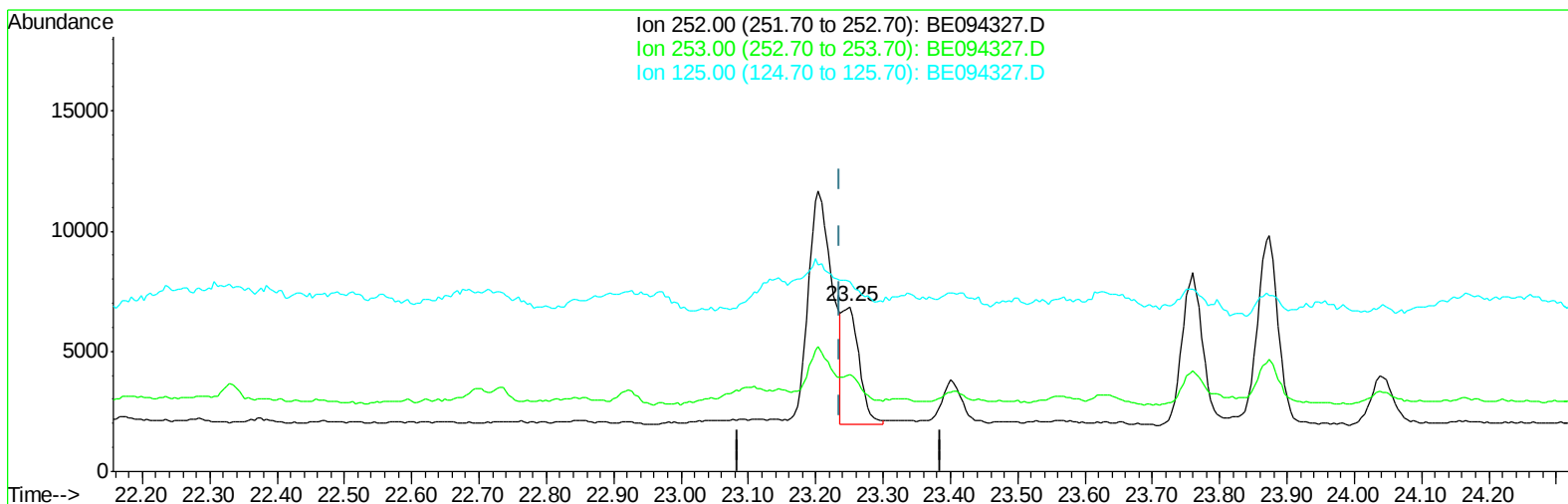
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE101317\  
Data File : BE094327.D  
Acq On : 13 Oct 2017 16:31  
Operator : SJ/JU  
Sample : I5568-04DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_E  
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Manual Integrations  
APPROVED

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QLast Update : Sat Oct 14 05:22:31 2017  
Response via : Initial Calibration



TIC: BE094327.D

(22) Benzo(k)fluoranthene

23.250min (+0.014) 0.32ng/ul m

response 8330

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 30.60 | 59.00#  |
| 125.00 | 17.10 | 115.35# |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE101317\  
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 Operator : SJ/JU  
 Sample : I5568-04DL 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 B-75(0-1)-092917DL

Manual Integrations  
 APPROVED

Sohil  
 10/16/2017 8:22:45 PM

Quant Time: Oct 15 02:54:24 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 14 05:22:31 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.92  | 152  | 1466     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.71 | 136  | 7401     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.54 | 164  | 4162     | 0.40   | ng/ul  | 0.01     |
| 10) Phenanthrene-d10        | 17.27 | 188  | 9090     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.44 | 240  | 9620     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.98 | 264  | 8305     | 0.40   | ng/ul  | 0.01     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.30 | 152  | 720      | 0.06   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.30 | 212  | 1691     | 0.06   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.77 | 128  | 2267     | 0.125  | ng/ul# | 88       |
| 5) 2-Methylnaphthalene      | 12.37 | 142  | 1197     | 0.102  | ng/ul  | 95       |
| 7) Acenaphthylene           | 14.27 | 152  | 890      | 0.055  | ng/ul# | 72       |
| 8) Acenaphthene             | 14.60 | 153  | 662      | 0.050  | ng/ul  | 93       |
| 9) Fluorene                 | 15.59 | 166  | 925      | 0.059  | ng/ul# | 84       |
| 12) Phenanthrene            | 17.31 | 178  | 16889    | 0.711  | ng/ul# | 88       |
| 13) Anthracene              | 17.41 | 178  | 4035     | 0.175  | ng/ul# | 85       |
| 15) Fluoranthene            | 19.33 | 202  | 30678    | 0.983  | ng/ul  | 84       |
| 17) Pyrene                  | 19.69 | 202  | 31752    | 1.186  | ng/ul# | 85       |
| 18) Benzo(a)anthracene      | 21.43 | 228  | 17255    | 0.676  | ng/ul# | 66       |
| 19) Chrysene                | 21.48 | 228  | 17469    | 0.593  | ng/ul# | 62       |
| 21) Benzo(b)fluoranthene    | 23.20 | 252  | 24102m   | 1.068  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.25 | 252  | 8330m    | 0.319  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.87 | 252  | 16895    | 0.721  | ng/ul# | 46       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.69 | 276  | 12983    | 0.541  | ng/ul# | 89       |
| 26) Benzo(g,h,i)perylene    | 27.53 | 276  | 13879    | 0.671  | ng/ul# | 49       |

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

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