

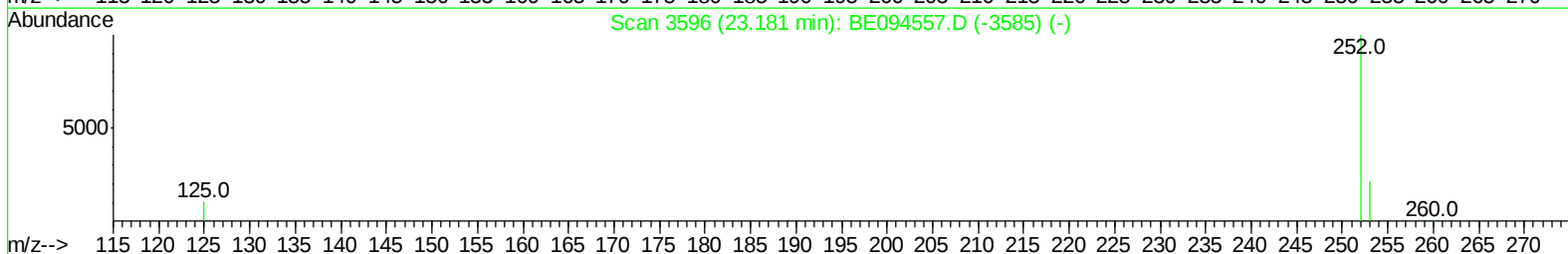
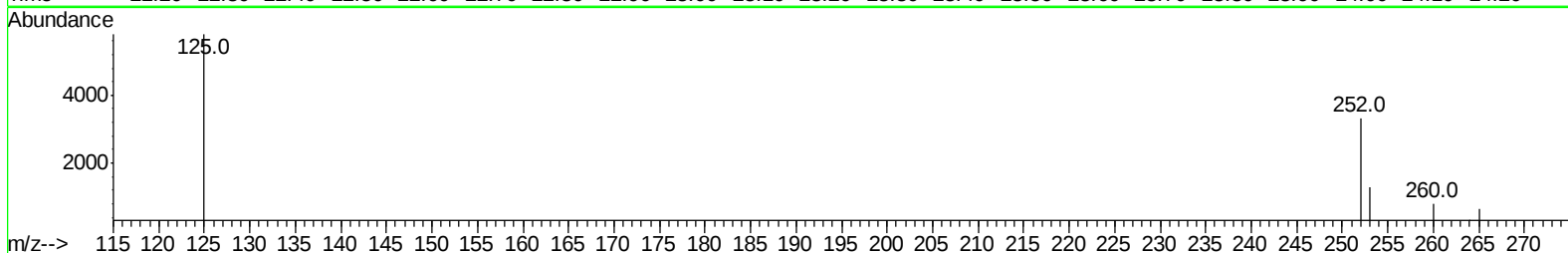
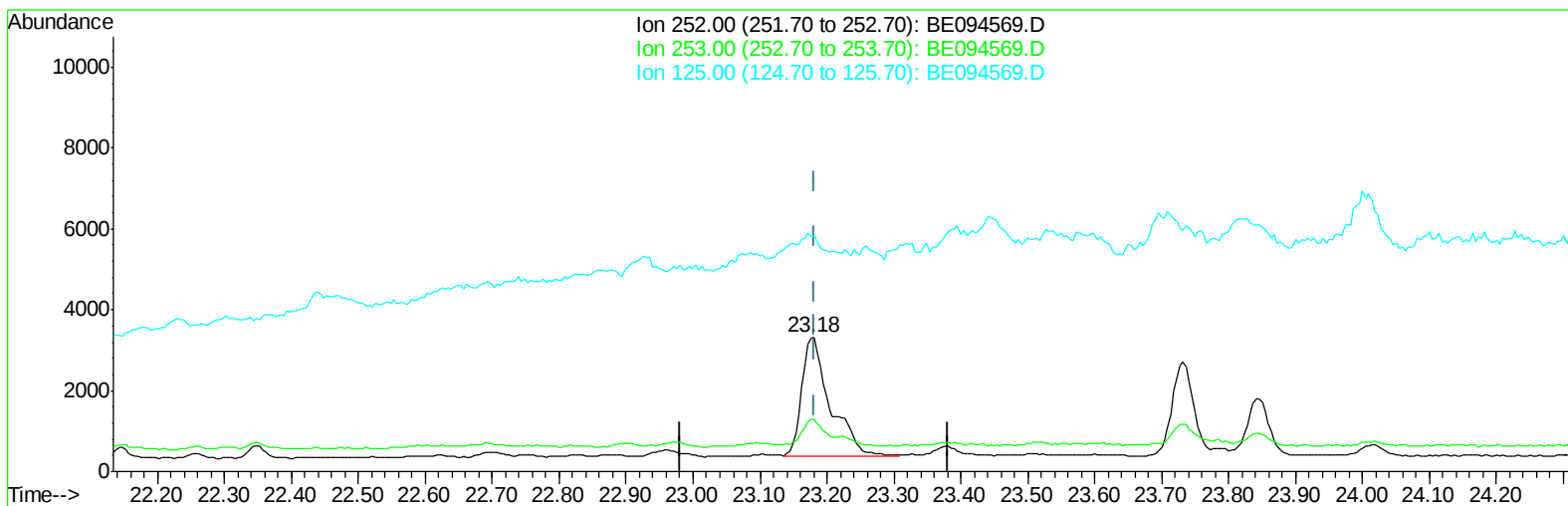
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\  
Data File : BE094569.D  
Acq On : 26 Oct 2017 19:15  
Operator : SJ/JU  
Sample : I5719-16 5X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-26(0.5-1.5)-100517

Manual Integrations  
APPROVED

Sohil  
10/27/2017 5:35:34 PM

Quant Time: Oct 27 08:44:12 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 27 04:05:19 2017  
Response via : Initial Calibration



TIC: BE094569.D

(21) Benzo(b)fluoranthene  
23.176min (-0.005) 0.38ng/ul  
response 8683

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 32.10 | 38.79   |
| 125.00 | 17.50 | 174.39# |
| 0.00   | 0.00  | 0.00    |

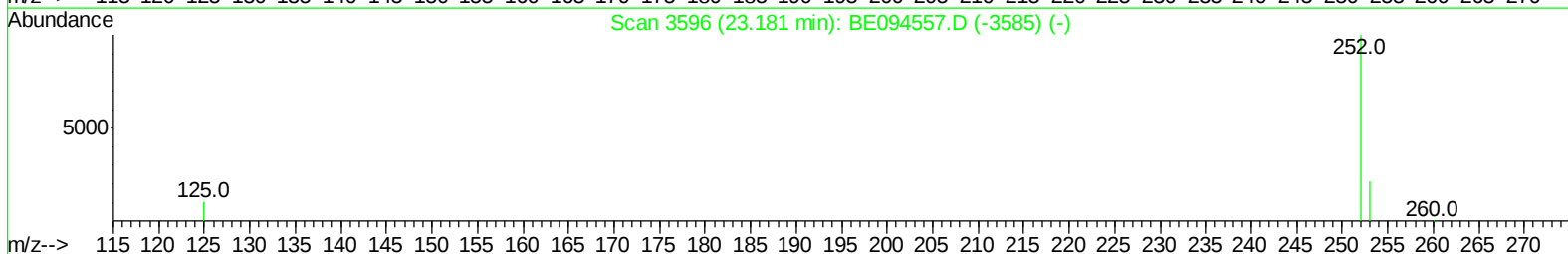
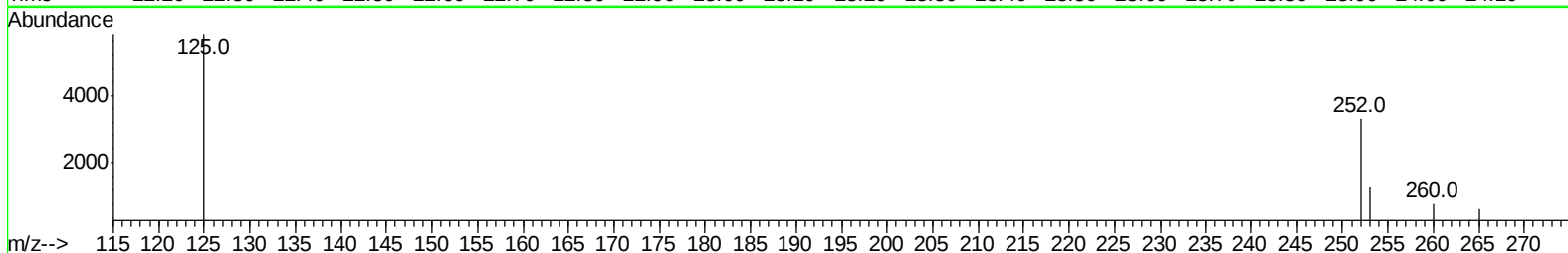
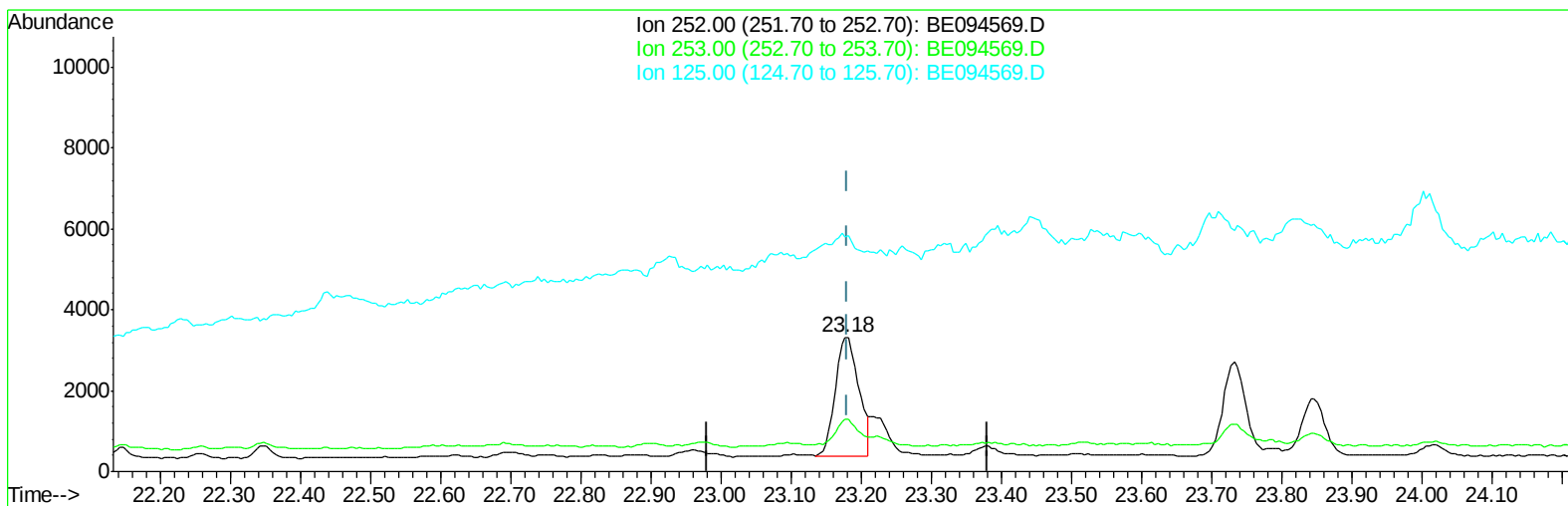
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\  
Data File : BE094569.D  
Acq On : 26 Oct 2017 19:15  
Operator : SJ/JU  
Sample : I5719-16 5X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Sohil  
10/27/2017 5:35:34 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



TIC: BE094569.D

(21) Benzo(b)fluoranthene

23.176min (-0.005) 0.30ng/ul m

response 6823

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 32.10 | 38.79   |
| 125.00 | 17.50 | 174.39# |
| 0.00   | 0.00  | 0.00    |

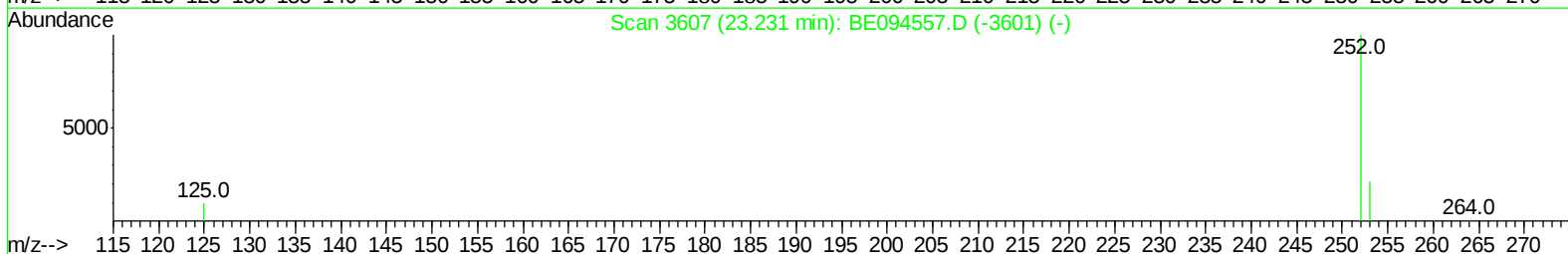
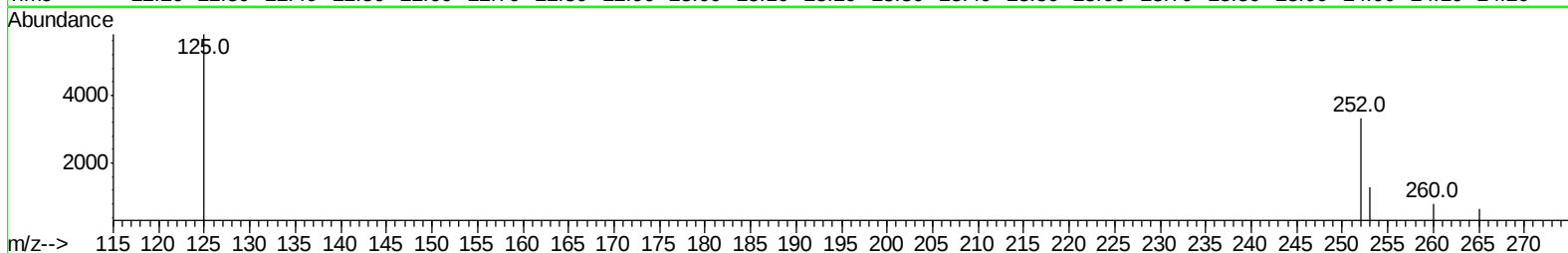
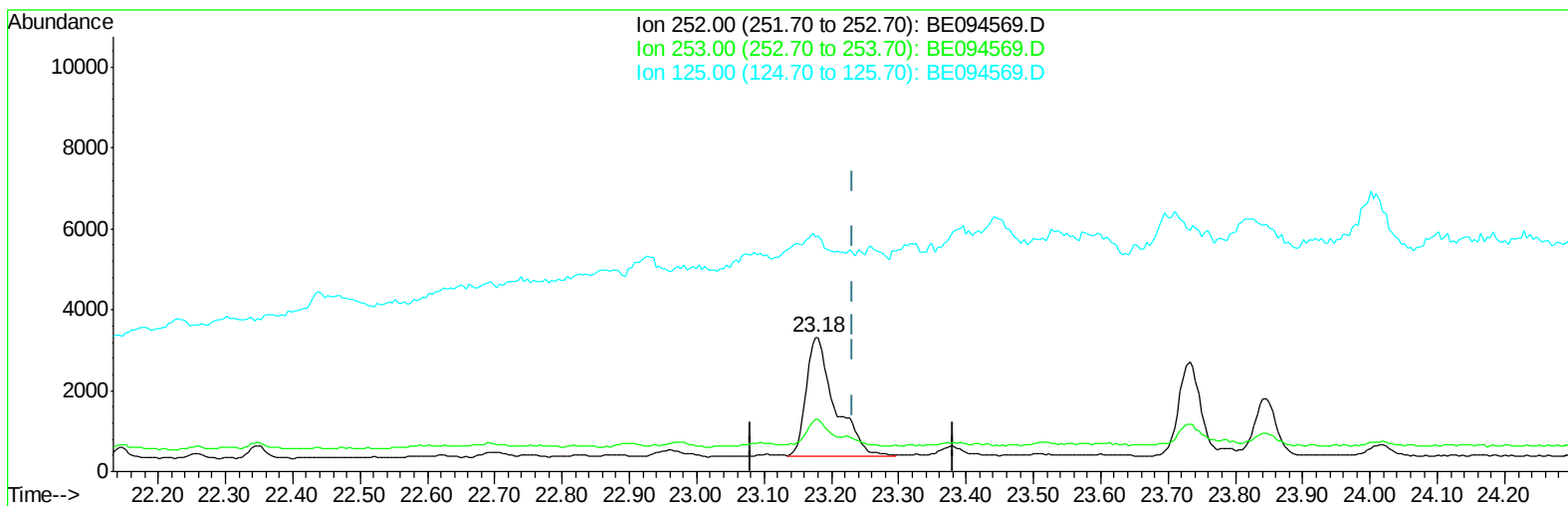
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\  
Data File : BE094569.D  
Acq On : 26 Oct 2017 19:15  
Operator : SJ/JU  
Sample : I5719-16 5X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-26(0.5-1.5)-100517

Manual Integrations  
APPROVED

Sohil  
10/27/2017 5:35:34 PM

Quant Time: Oct 27 08:44:12 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 27 04:05:19 2017  
Response via : Initial Calibration



TIC: BE094569.D

(22) Benzo(k)fluoranthene

23.176min (-0.055) 0.35ng/ul

response 8598

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 30.60 | 38.79#  |
| 125.00 | 17.10 | 174.39# |
| 0.00   | 0.00  | 0.00    |

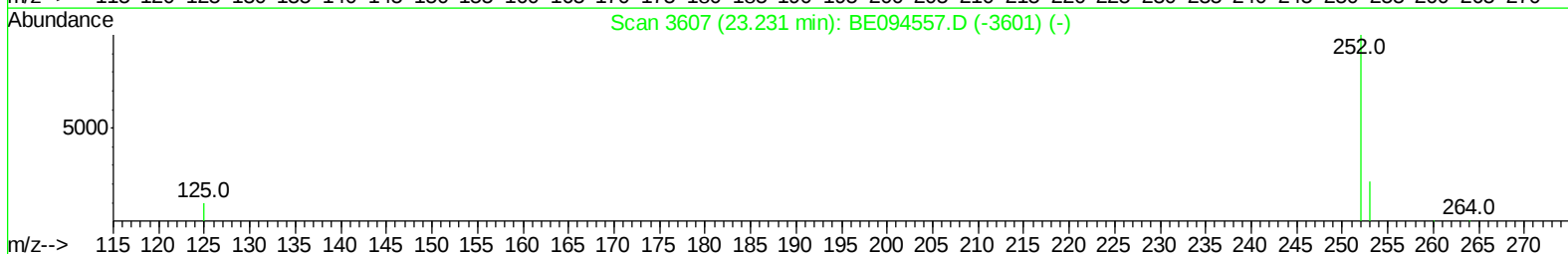
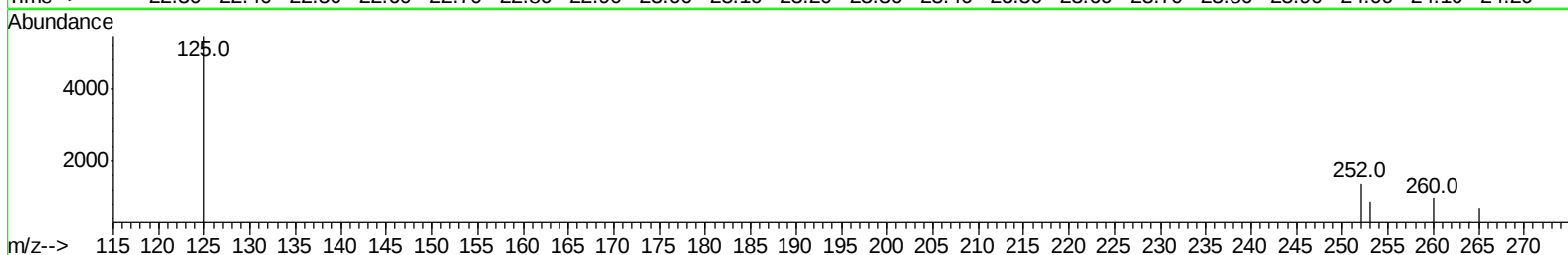
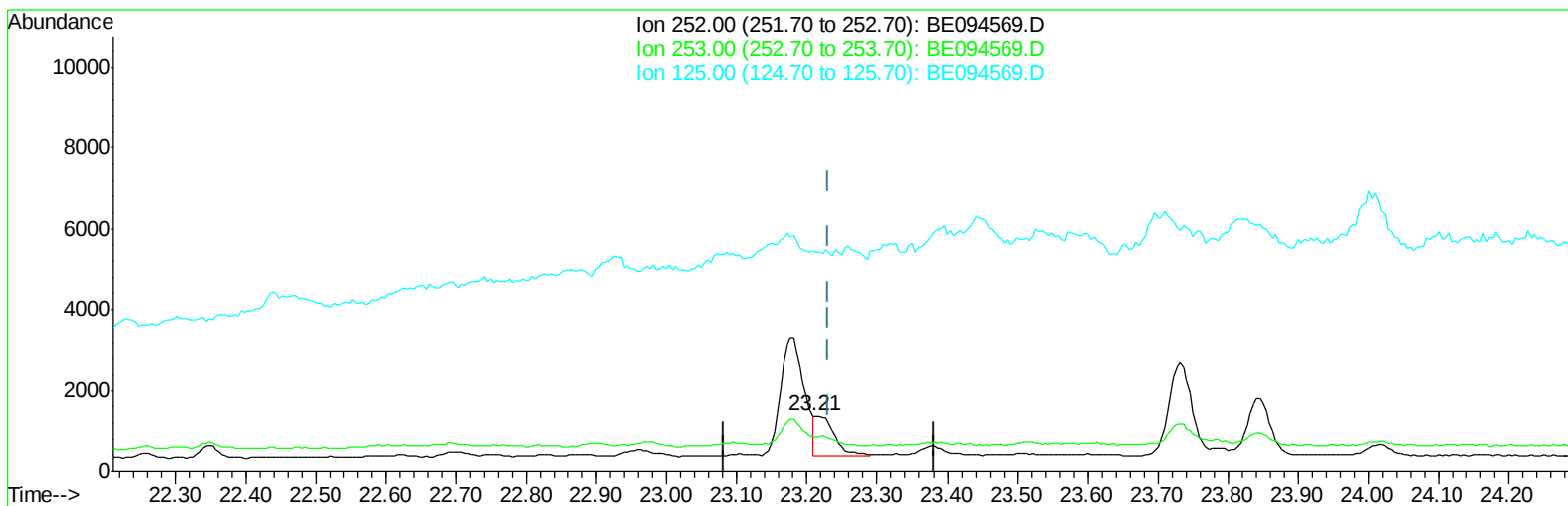
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\  
Data File : BE094569.D  
Acq On : 26 Oct 2017 19:15  
Operator : SJ/JU  
Sample : I5719-16 5X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-26(0.5-1.5)-100517

Manual Integrations  
APPROVED

Sohil  
10/27/2017 5:35:34 PM

Quant Time: Oct 27 08:44:12 2017  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 27 04:05:19 2017  
Response via : Initial Calibration



TIC: BE094569.D

(22) Benzo(k)fluoranthene

23.208min (-0.023) 0.07ng/ul m

response 1834

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 30.60 | 62.89#  |
| 125.00 | 17.10 | 397.74# |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\  
 Data File : BE094569.D  
 Acq On : 26 Oct 2017 19:15  
 Operator : SJ/JU  
 Sample : I5719-16 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 B-26(0.5-1.5)-100517

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 5:35:34 PM

Quant Time: Oct 27 08:45:33 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 27 04:05:19 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.90  | 152  | 1014     | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.69 | 136  | 5672     | 0.40   | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.51 | 164  | 3436     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 7876     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.42 | 240  | 8203     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.96 | 264  | 8172     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 433      | 0.05   | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.28 | 212  | 1229     | 0.05   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.74 | 128  | 2699     | 0.195  | ng/ul# | 94       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 1712     | 0.176  | ng/ul  | 97       |
| 9) Fluorene                 | 15.58 | 166  | 376      | 0.030  | ng/ul# | 1        |
| 12) Phenanthrene            | 17.29 | 178  | 14078    | 0.677  | ng/ul# | 91       |
| 13) Anthracene              | 17.38 | 178  | 796      | 0.039  | ng/ul# | 71       |
| 15) Fluoranthene            | 19.31 | 202  | 8782     | 0.365  | ng/ul  | 83       |
| 17) Pyrene                  | 19.67 | 202  | 9774     | 0.385  | ng/ul# | 85       |
| 18) Benzo(a)anthracene      | 21.40 | 228  | 3655     | 0.156  | ng/ul# | 62       |
| 19) Chrysene                | 21.46 | 228  | 11696    | 0.483  | ng/ul# | 87       |
| 21) Benzo(b)fluoranthene    | 23.18 | 252  | 6823m    | 0.297  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.21 | 252  | 1834m    | 0.074  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.85 | 252  | 3130     | 0.136  | ng/ul# | 1        |
| 24) Indeno(1,2,3-cd)pyrene  | 26.65 | 276  | 2573     | 0.108  | ng/ul# | 85       |
| 25) Dibenzo(a,h)anthracene  | 26.64 | 278  | 1221     | 0.061  | ng/ul# | 1        |
| 26) Benzo(g,h,i)perylene    | 27.50 | 276  | 3172     | 0.166  | ng/ul# | 1        |

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

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