

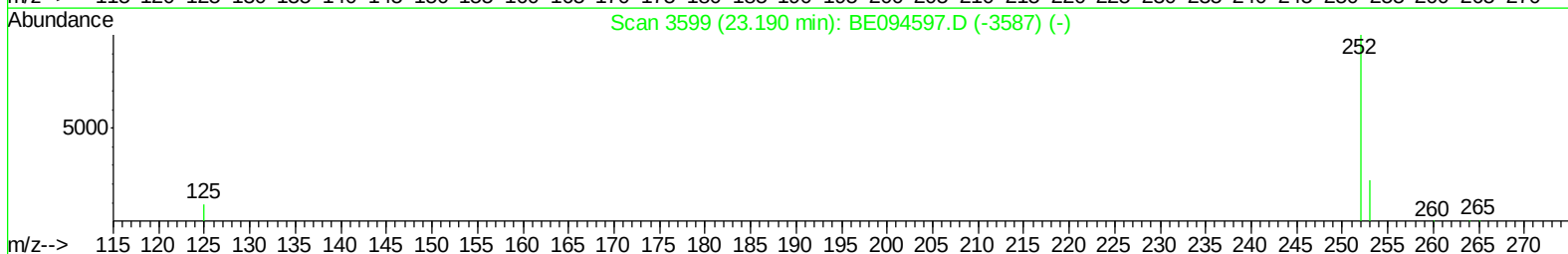
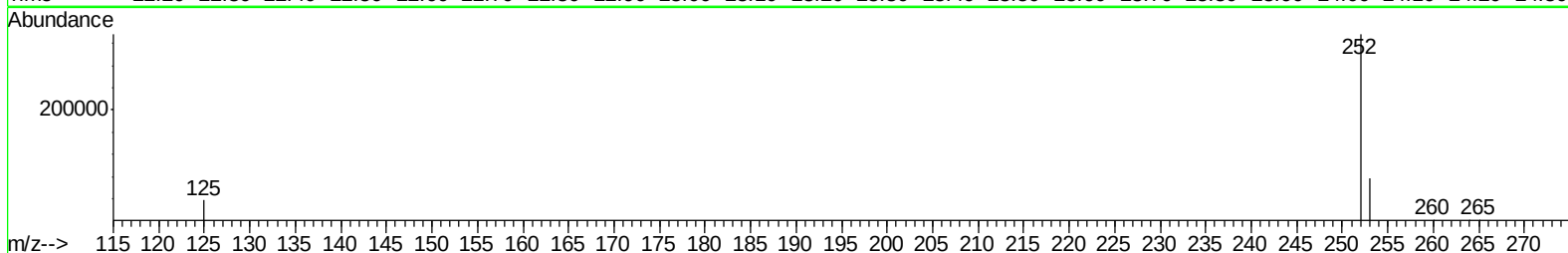
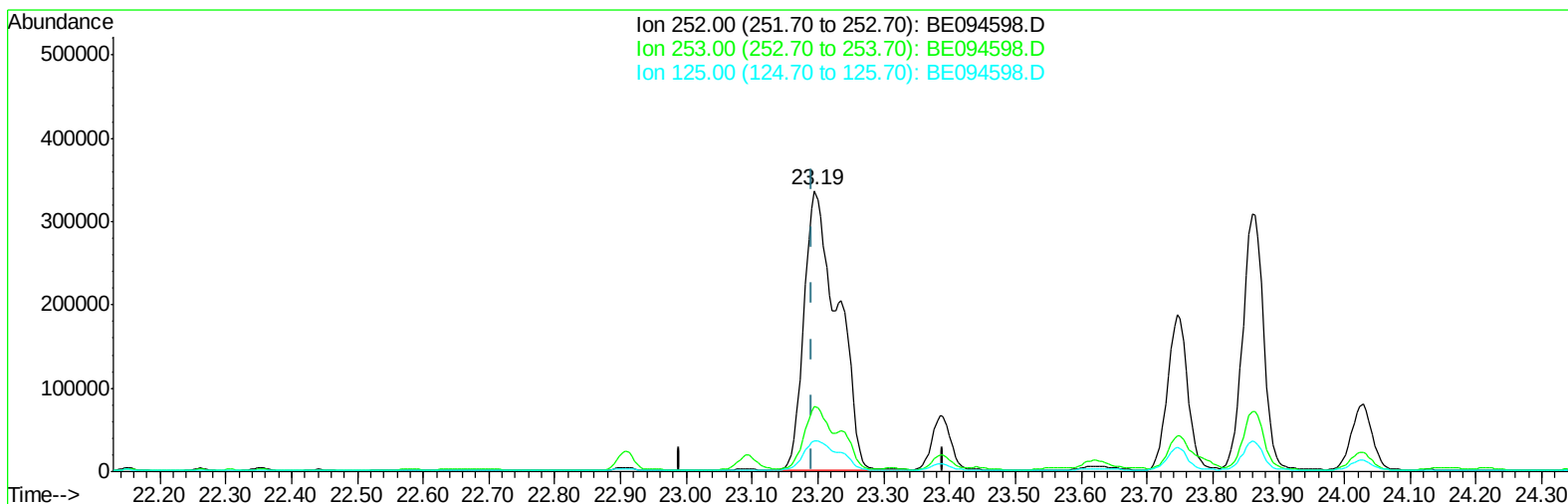
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094598.D  
Acq On : 27 Oct 2017 16:26  
Operator : SJ/JU  
Sample : I5719-07 5X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-25(0.5-1.5)-100517

Manual Integrations  
APPROVED

Sohil  
10/30/2017 6:36:51 PM

Quant Time: Oct 30 01:11:08 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 01:11:00 2017  
Response via : Initial Calibration



TIC: BE094598.D

(21) Benzo(b)fluoranthene

23.195min (+0.004) 47.42ng/ul

response 1195239

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.06 |
| 125.00 | 17.50 | 11.09 |
| 0.00   | 0.00  | 0.00  |

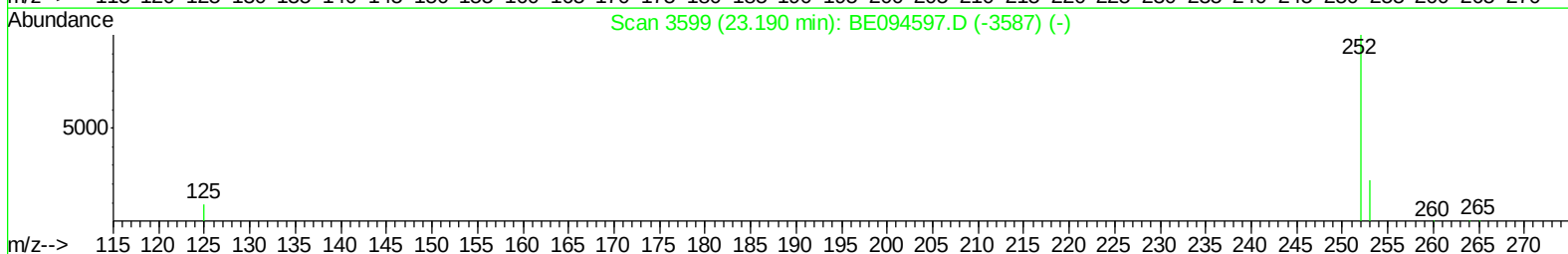
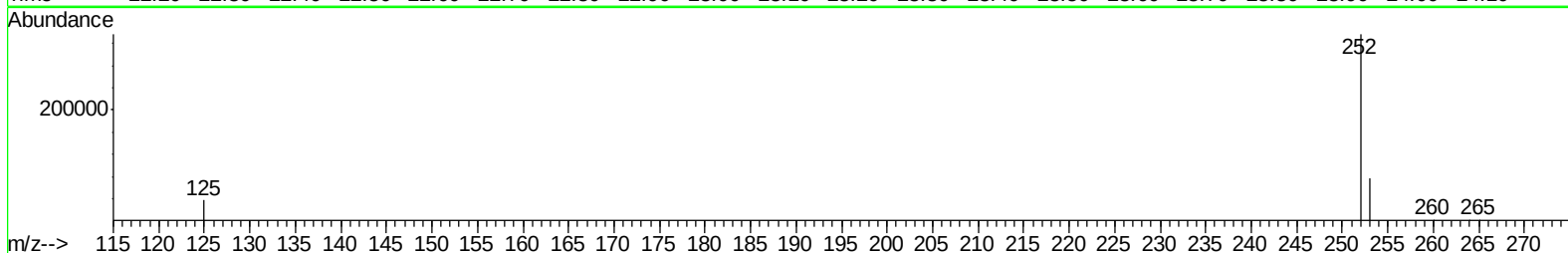
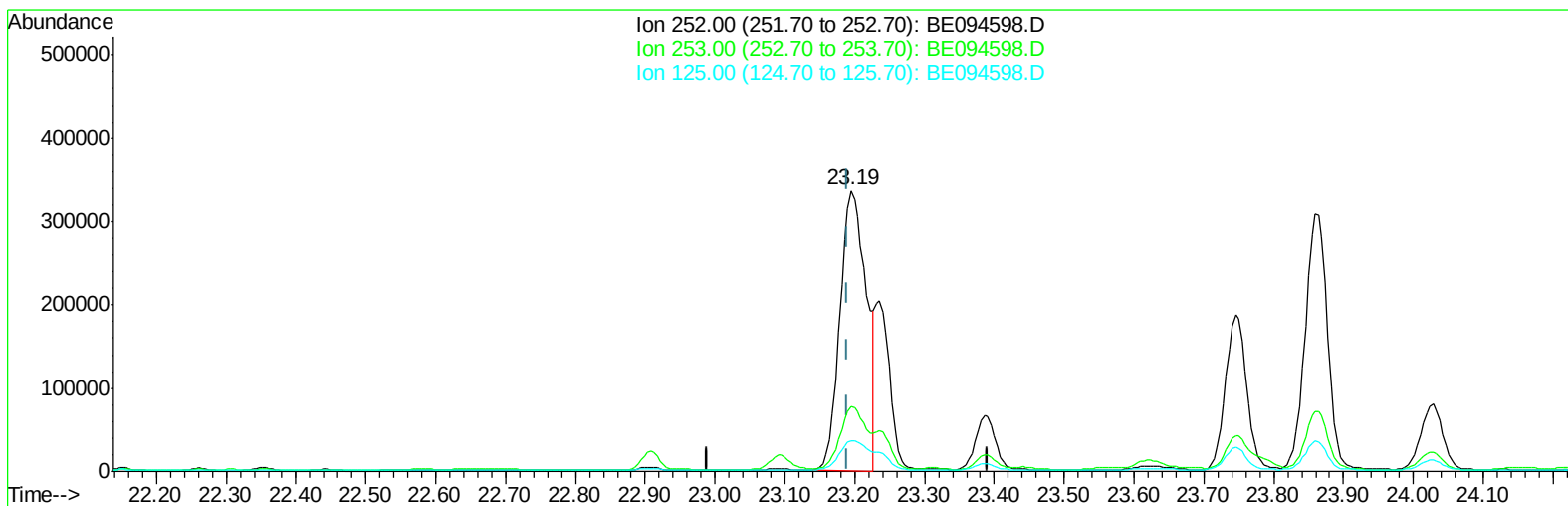
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094598.D  
Acq On : 27 Oct 2017 16:26  
Operator : SJ/JU  
Sample : I5719-07 5X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-25(0.5-1.5)-100517

Manual Integrations  
APPROVED

Sohil  
10/30/2017 6:36:51 PM

Quant Time: Oct 30 01:11:08 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 01:11:00 2017  
Response via : Initial Calibration



TIC: BE094598.D

(21) Benzo(b)fluoranthene

23.195min (+0.004) 35.77ng/ul m

response 901610

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.06 |
| 125.00 | 17.50 | 11.09 |
| 0.00   | 0.00  | 0.00  |

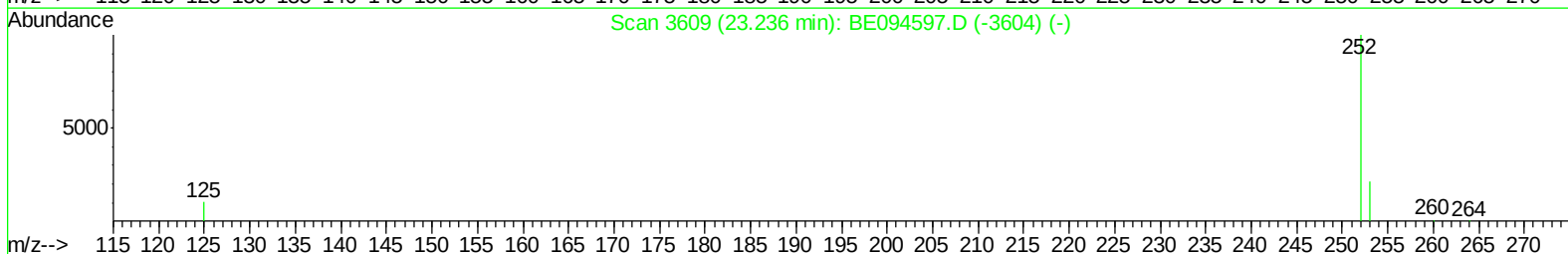
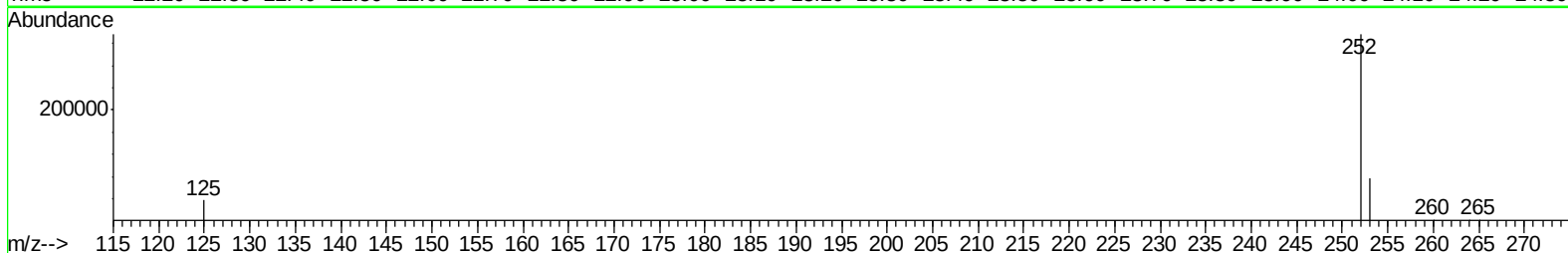
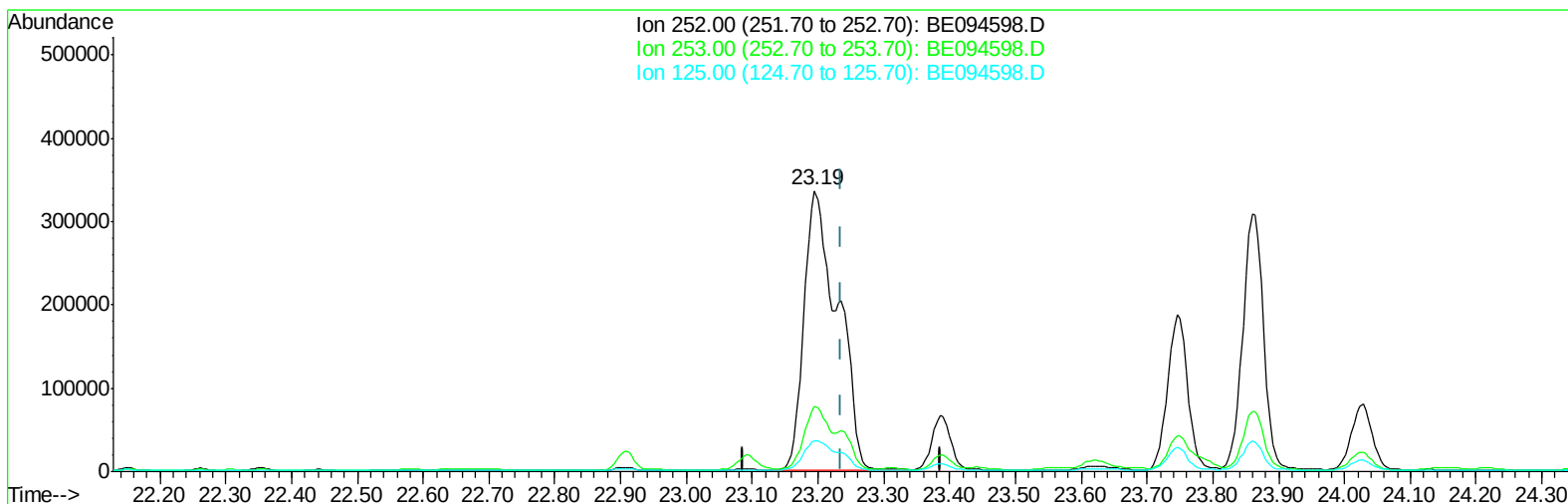
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094598.D  
Acq On : 27 Oct 2017 16:26  
Operator : SJ/JU  
Sample : I5719-07 5X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-25(0.5-1.5)-100517

Manual Integrations  
APPROVED

Sohil  
10/30/2017 6:36:51 PM

Quant Time: Oct 30 01:11:08 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 01:11:00 2017  
Response via : Initial Calibration



TIC: BE094598.D

(22) Benzo(k)fluoranthene

23.195min (-0.041) 44.25ng/ul

response 1195239

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.06# |
| 125.00 | 17.10 | 11.09# |
| 0.00   | 0.00  | 0.00   |

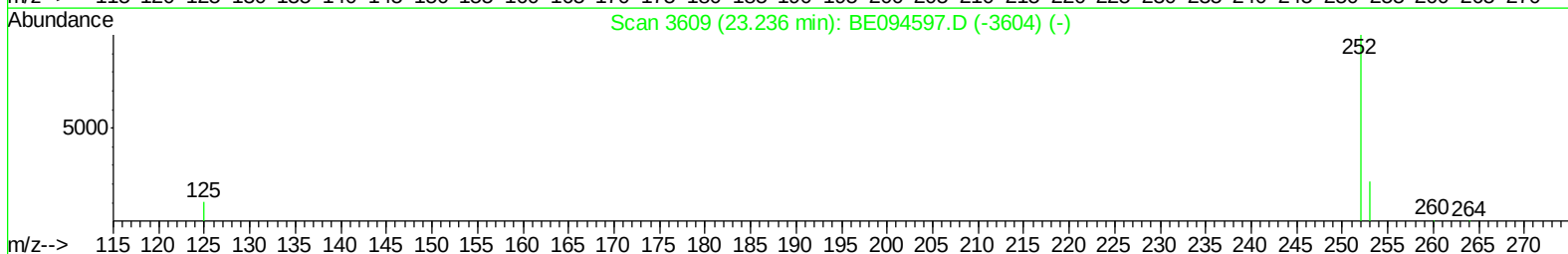
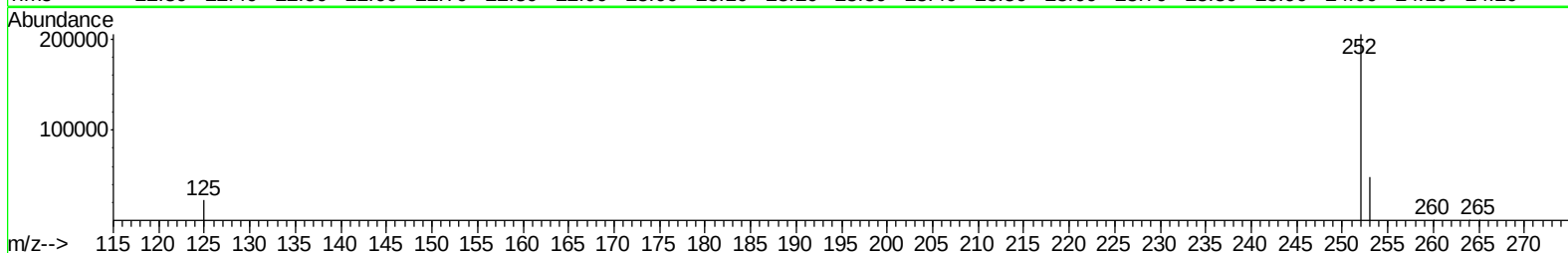
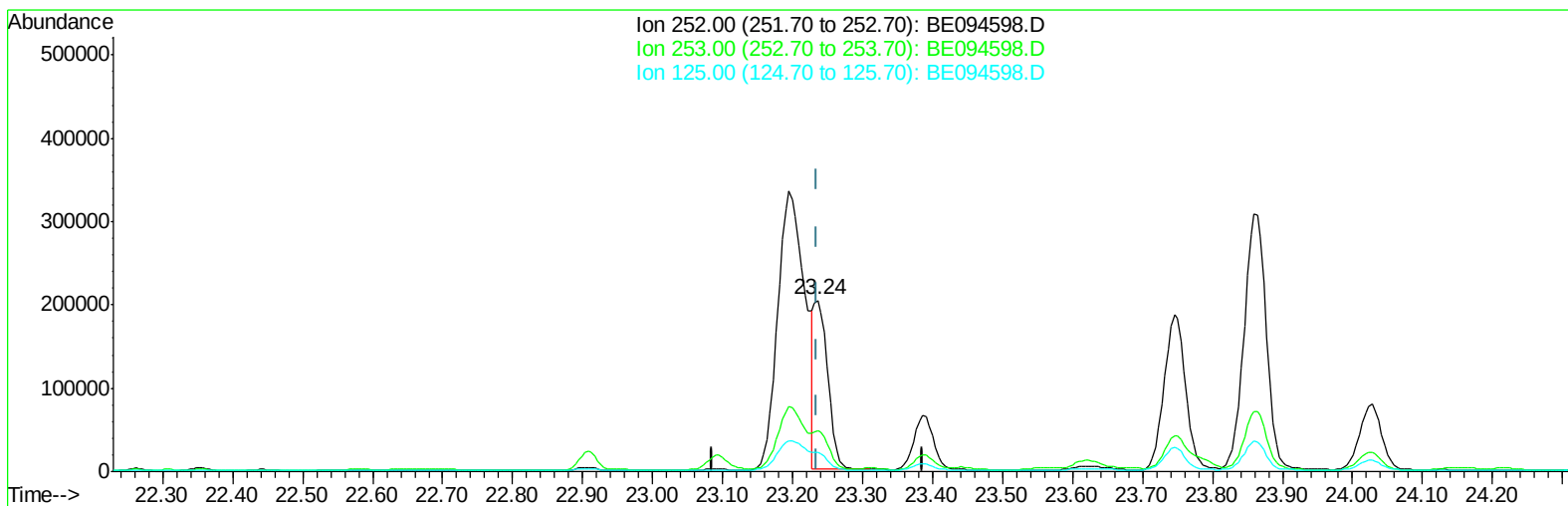
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094598.D  
Acq On : 27 Oct 2017 16:26  
Operator : SJ/JU  
Sample : I5719-07 5X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-25(0.5-1.5)-100517

Manual Integrations  
APPROVED

Sohil  
10/30/2017 6:36:51 PM

Quant Time: Oct 30 01:11:08 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 01:11:00 2017  
Response via : Initial Calibration



TIC: BE094598.D

(22) Benzo(k)fluoranthene

23.236min (-0.000) 10.61ng/ul m

response 286684

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.67# |
| 125.00 | 17.10 | 11.15# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
 Data File : BE094598.D  
 Acq On : 27 Oct 2017 16:26  
 Operator : SJ/JU  
 Sample : I5719-07 5X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 B-25(0.5-1.5)-100517

Manual Integrations  
 APPROVED

Sohil  
 10/30/2017 6:36:51 PM

Quant Time: Oct 30 01:21:19 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 01:11:00 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1128     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.70 | 136  | 6409     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.52 | 164  | 3678     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 8141     | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.43 | 240  | 7910     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.97 | 264  | 8961     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 498      | 0.05   | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.29 | 212  | 1076     | 0.04   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.74 | 128  | 4597     | 0.29   | ng/ul# | 96       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 2312     | 0.21   | ng/ul  | 97       |
| 7) Acenaphthylene           | 14.24 | 152  | 5214     | 0.31   | ng/ul# | 93       |
| 8) Acenaphthene             | 14.58 | 153  | 10213    | 0.85   | ng/ul  | 97       |
| 9) Fluorene                 | 15.57 | 166  | 10778    | 0.80   | ng/ul  | 92       |
| 12) Phenanthrene            | 17.29 | 178  | 341535   | 15.88  | ng/ul# | 87       |
| 13) Anthracene              | 17.39 | 178  | 86585    | 4.08   | ng/ul  | 92       |
| 15) Fluoranthene            | 19.32 | 202  | 935177   | 37.62  | ng/ul  | 84       |
| 17) Pyrene                  | 19.68 | 202  | 860431   | 35.19  | ng/ul# | 81       |
| 18) Benzo(a)anthracene      | 21.41 | 228  | 656457   | 29.03  | ng/ul# | 87       |
| 19) Chrysene                | 21.47 | 228  | 598555   | 25.61  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.19 | 252  | 901610m  | 35.77  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.24 | 252  | 286684m  | 10.61  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.86 | 252  | 676677   | 26.86  | ng/ul# | 79       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.69 | 276  | 373949   | 14.34  | ng/ul# | 74       |
| 25) Dibenzo(a,h)anthracene  | 26.67 | 278  | 94133    | 4.28   | ng/ul  | 97       |
| 26) Benzo(a,h,i)perylene    | 27.53 | 276  | 307385   | 14.68  | ng/ul  | 96       |

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094598.D  
Acq On : 27 Oct 2017 16:26  
Operator : SJ/JU  
Sample : I5719-07 5X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-25(0.5-1.5)-100517

Manual Integrations  
APPROVED

Sohil  
10/30/2017 6:36:51 PM

Quant Time: Oct 30 01:21:19 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 01:11:00 2017  
Response via : Initial Calibration

