

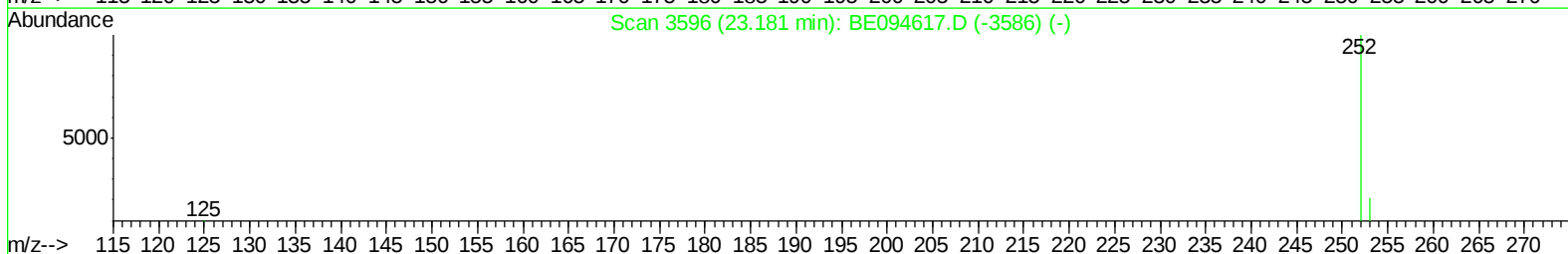
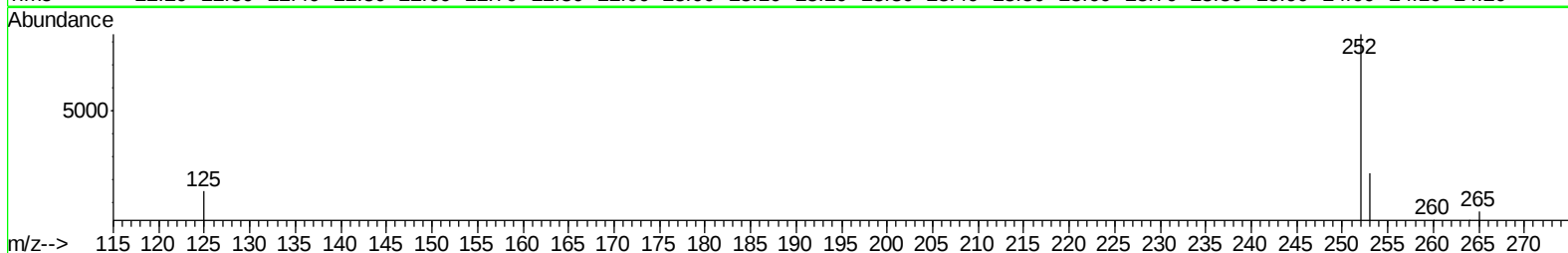
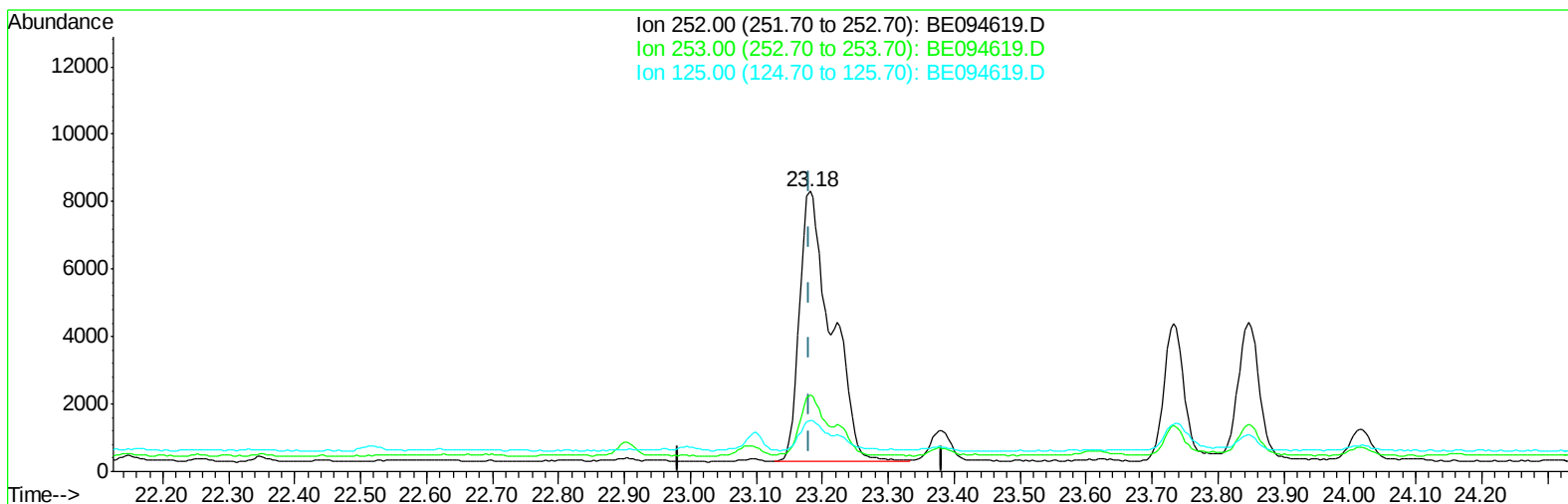
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094619.D  
Acq On : 28 Oct 2017 12:51  
Operator : SJ/JU  
Sample : I5842-03DL 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
C0AA3DL

Manual Integrations  
APPROVED

Sohil  
10/30/2017 6:37:38 PM

Quant Time: Oct 30 02:57:50 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 02:53:50 2017  
Response via : Initial Calibration



TIC: BE094619.D

(21) Benzo(b)fluoranthene

23.181min (+0.000) 0.88ng/ul

response 26853

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 27.34 |
| 125.00 | 17.50 | 17.97 |
| 0.00   | 0.00  | 0.00  |

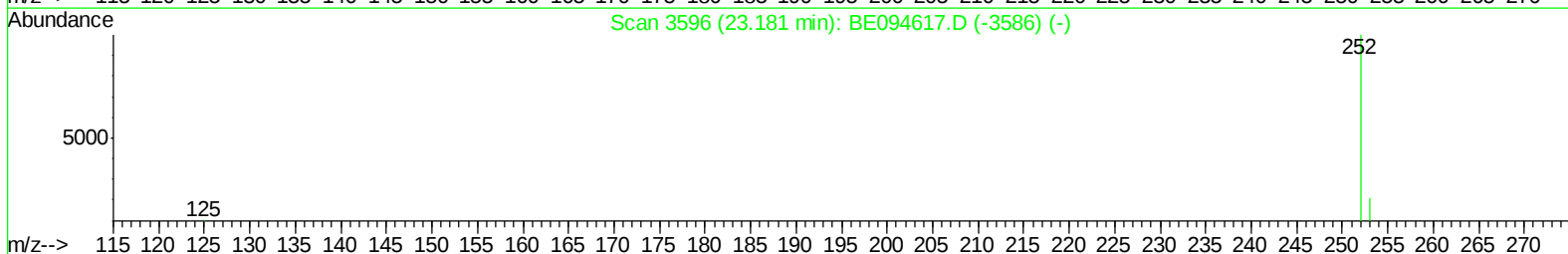
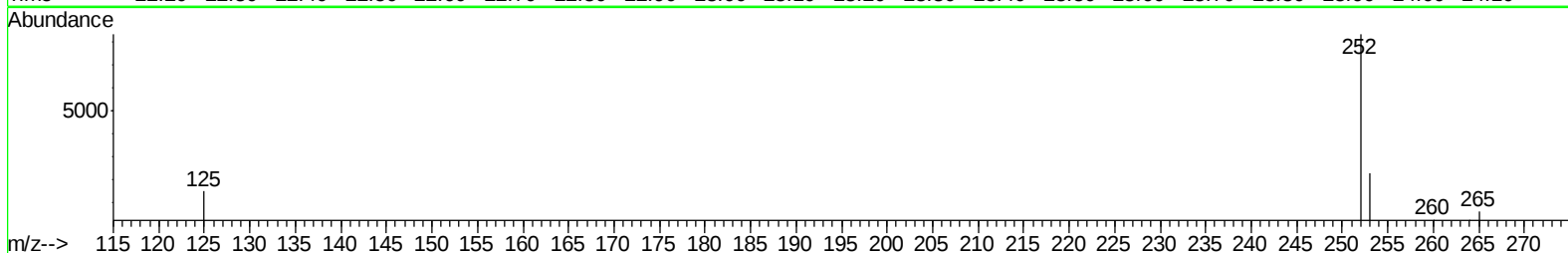
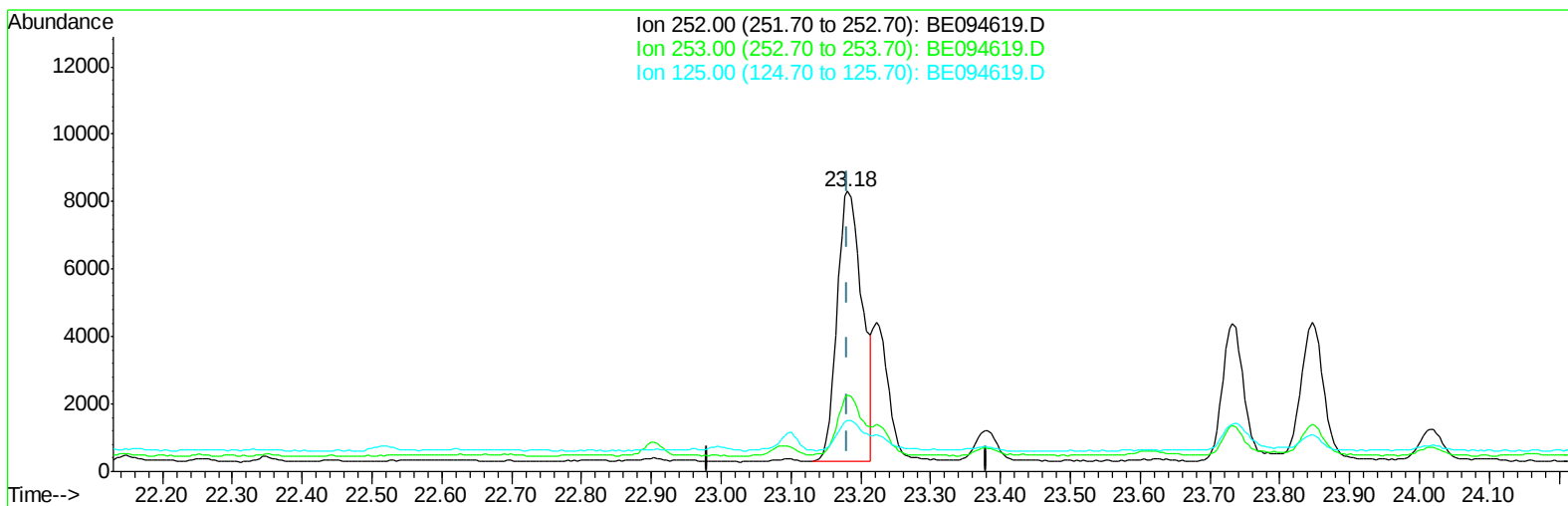
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094619.D  
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Operator : SJ/JU  
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Response via : Initial Calibration



TIC: BE094619.D

(21) Benzo(b)fluoranthene

23.181min (+0.000) 0.67ng/ul m

response 20295

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 27.34 |
| 125.00 | 17.50 | 17.97 |
| 0.00   | 0.00  | 0.00  |

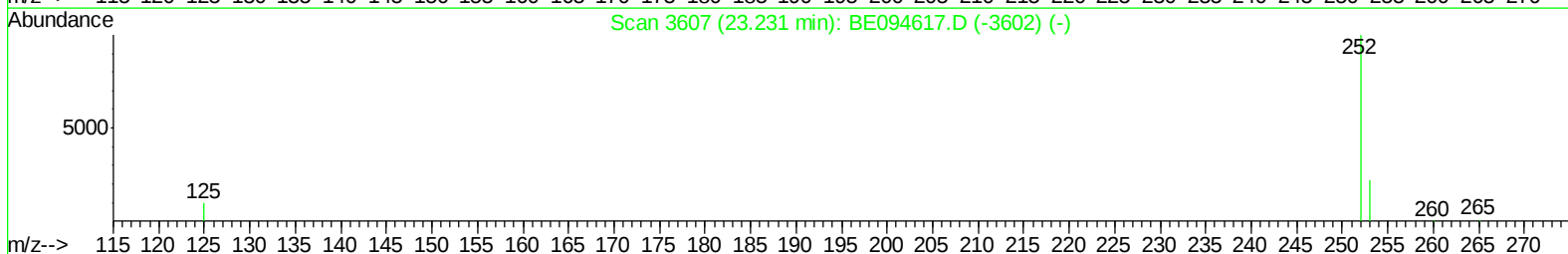
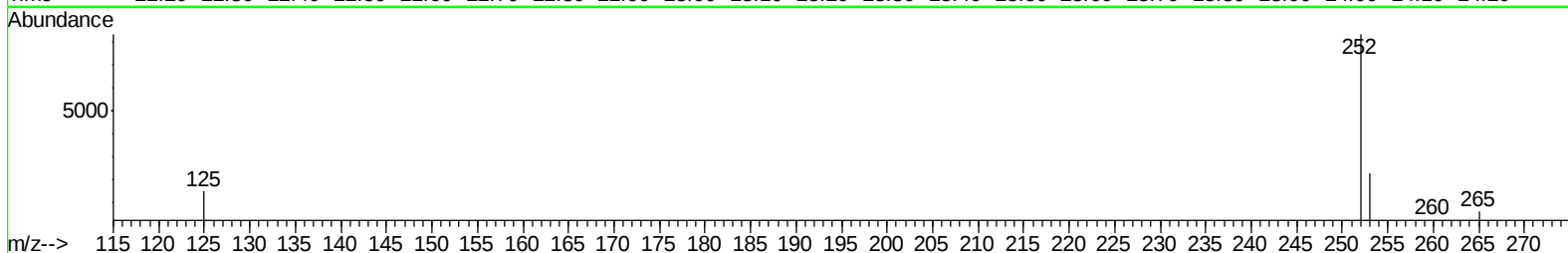
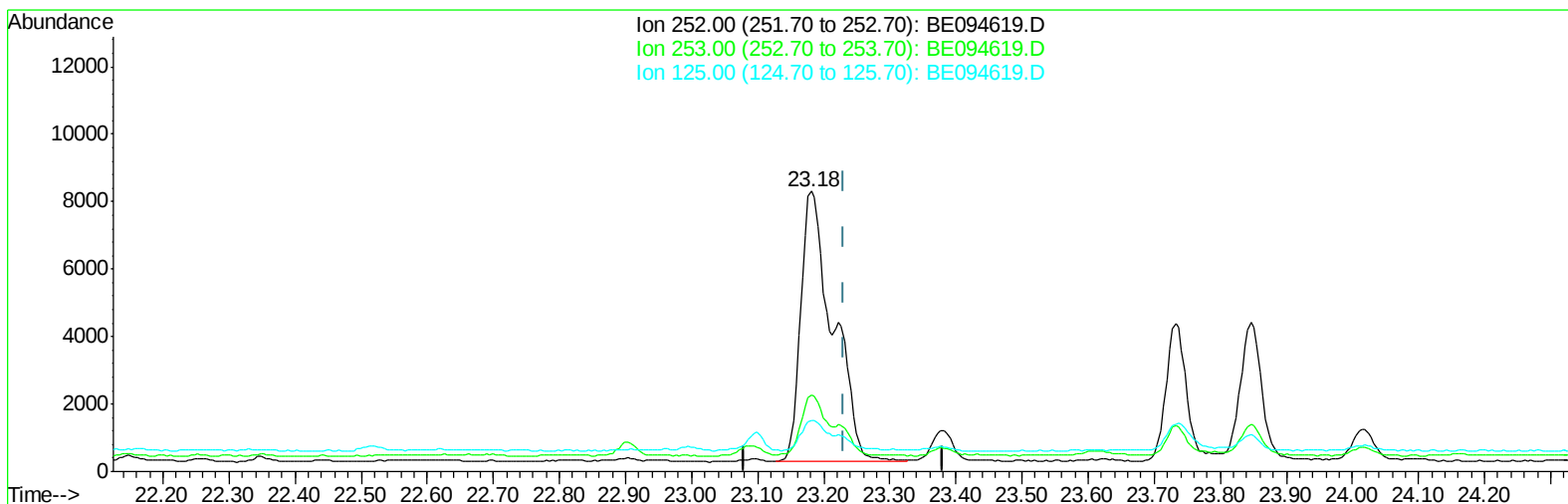
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
Data File : BE094619.D  
Acq On : 28 Oct 2017 12:51  
Operator : SJ/JU  
Sample : I5842-03DL 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
C0AA3DL

Manual Integrations  
APPROVED

Sohil  
10/30/2017 6:37:38 PM

Quant Time: Oct 30 02:57:50 2017  
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QLast Update : Mon Oct 30 02:53:50 2017  
Response via : Initial Calibration



TIC: BE094619.D

(22) Benzo(k)fluoranthene  
23.181min (-0.050) 0.82ng/ul  
response 26847

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.60 | 27.34 |
| 125.00 | 17.10 | 17.97 |
| 0.00   | 0.00  | 0.00  |

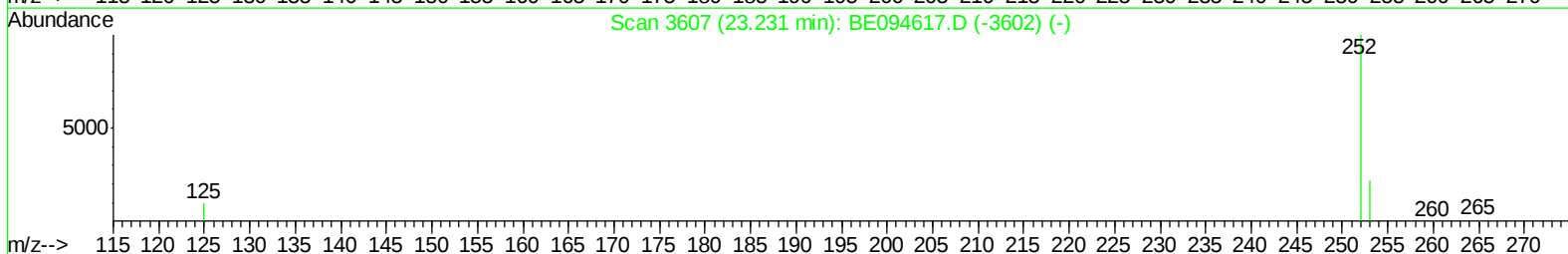
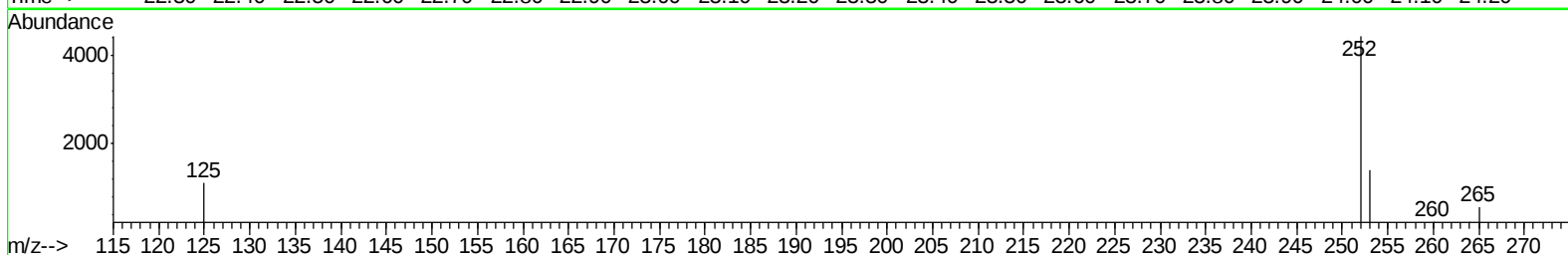
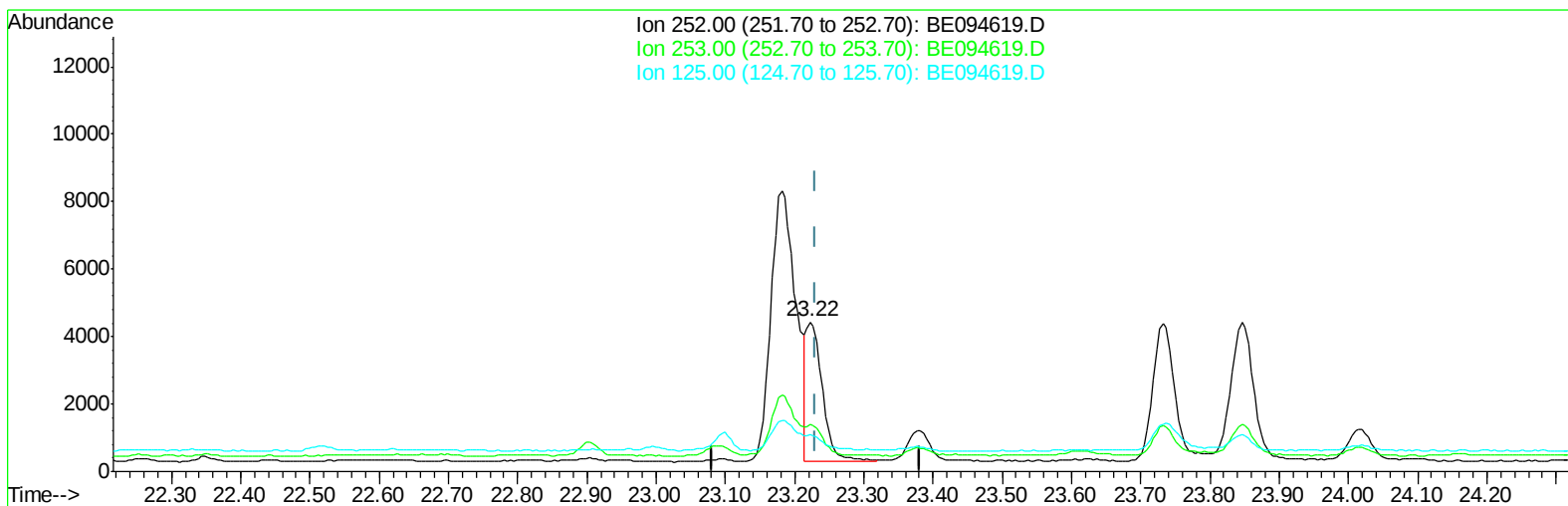
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Data File : BE094619.D  
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Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_E  
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Manual Integrations  
APPROVED

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Quant Time: Oct 30 02:57:50 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
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Response via : Initial Calibration



TIC: BE094619.D

(22) Benzo(k)fluoranthene

23.222min (-0.009) 0.21ng/ul m

response 6724

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 31.77  |
| 125.00 | 17.10 | 25.03# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\  
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 Operator : SJ/JU  
 Sample : I5842-03DL 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AA3DL

Manual Integrations  
 APPROVED

Sohil  
 10/30/2017 6:37:38 PM

Quant Time: Oct 30 03:40:22 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 02:53:50 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1400     | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.69 | 136  | 8163     | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.52 | 164  | 4634     | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 10554    | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.42 | 240  | 10622    | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.96 | 264  | 10825    | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 616      | 0.05 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.28 | 212  | 1547     | 0.05 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        | Ovalue   |
| 3) Naphthalene              | 10.74 | 128  | 727      | 0.04 | ng/ul# | 78       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 426      | 0.03 | ng/ul  | 98       |
| 7) Acenaphthylene           | 14.24 | 152  | 791      | 0.04 | ng/ul# | 82       |
| 8) Acenaphthene             | 14.58 | 153  | 1143     | 0.08 | ng/ul  | 95       |
| 9) Fluorene                 | 15.57 | 166  | 1022     | 0.06 | ng/ul  | 92       |
| 12) Phenanthrene            | 17.29 | 178  | 21183    | 0.76 | ng/ul# | 89       |
| 13) Anthracene              | 17.38 | 178  | 4109     | 0.15 | ng/ul# | 93       |
| 15) Fluoranthene            | 19.31 | 202  | 60496    | 1.88 | ng/ul  | 84       |
| 17) Pyrene                  | 19.67 | 202  | 47188    | 1.44 | ng/ul# | 79       |
| 18) Benzo(a)anthracene      | 21.41 | 228  | 14359    | 0.47 | ng/ul# | 88       |
| 19) Chrysene                | 21.46 | 228  | 25281    | 0.81 | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 23.18 | 252  | 20295m   | 0.67 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.22 | 252  | 6724m    | 0.21 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.85 | 252  | 9160     | 0.30 | ng/ul  | 94       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.66 | 276  | 5308     | 0.17 | ng/ul# | 73       |
| 25) Dibenzo(a,h)anthracene  | 26.66 | 278  | 1374     | 0.05 | ng/ul# | 31       |
| 26) Benzo(a,h,i)perylene    | 27.51 | 276  | 3966     | 0.16 | ng/ul# | 70       |

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

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