

# Quantitation Report (QT Reviewed)

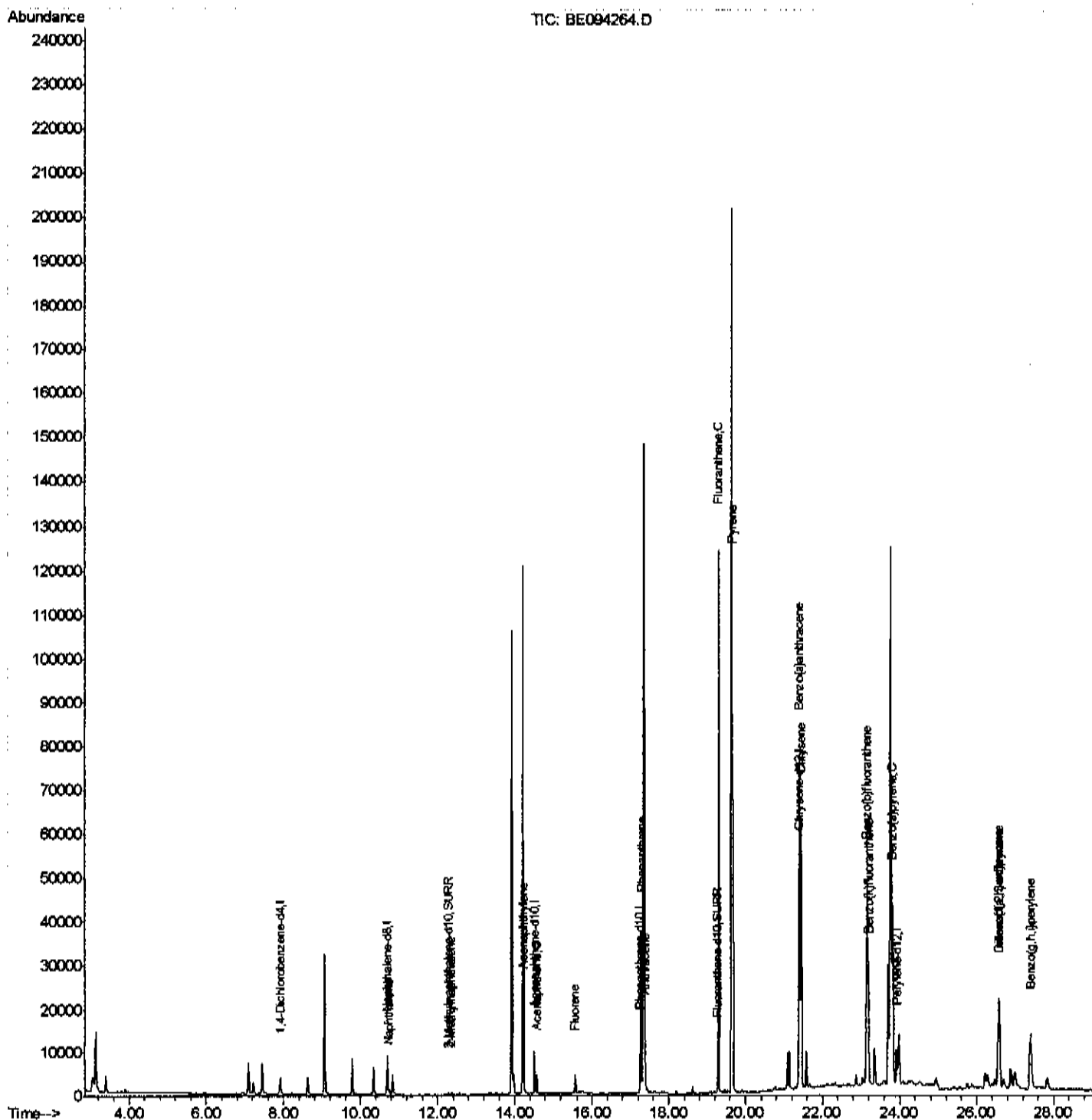
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\  
 Data File : BE094264.D  
 Acq On : 10 Oct 2017 23:08  
 Operator : SJ/JU  
 Sample : I5522-15DL 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AC0DL

Manual Integrations  
 APPROVED

Sohil  
 10/11/2017 7:20:14 PM

Quant Time: Oct 11 07:58:47 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 11 07:23:41 2017  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

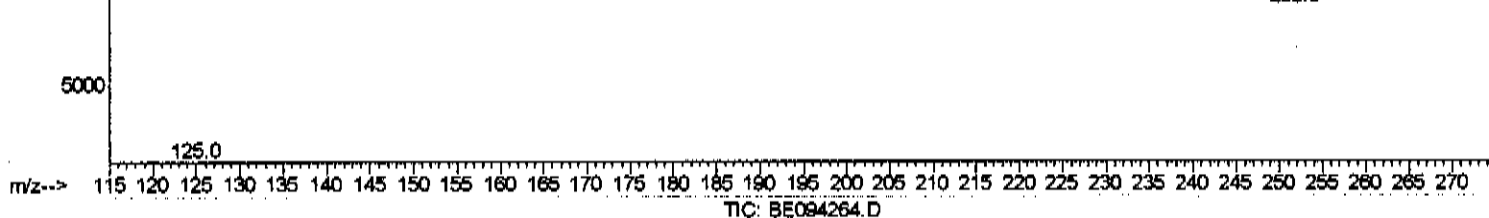
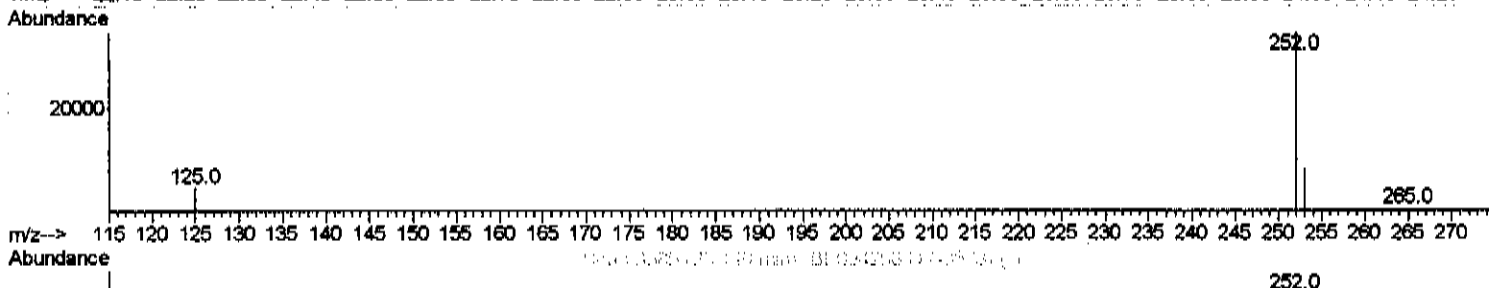
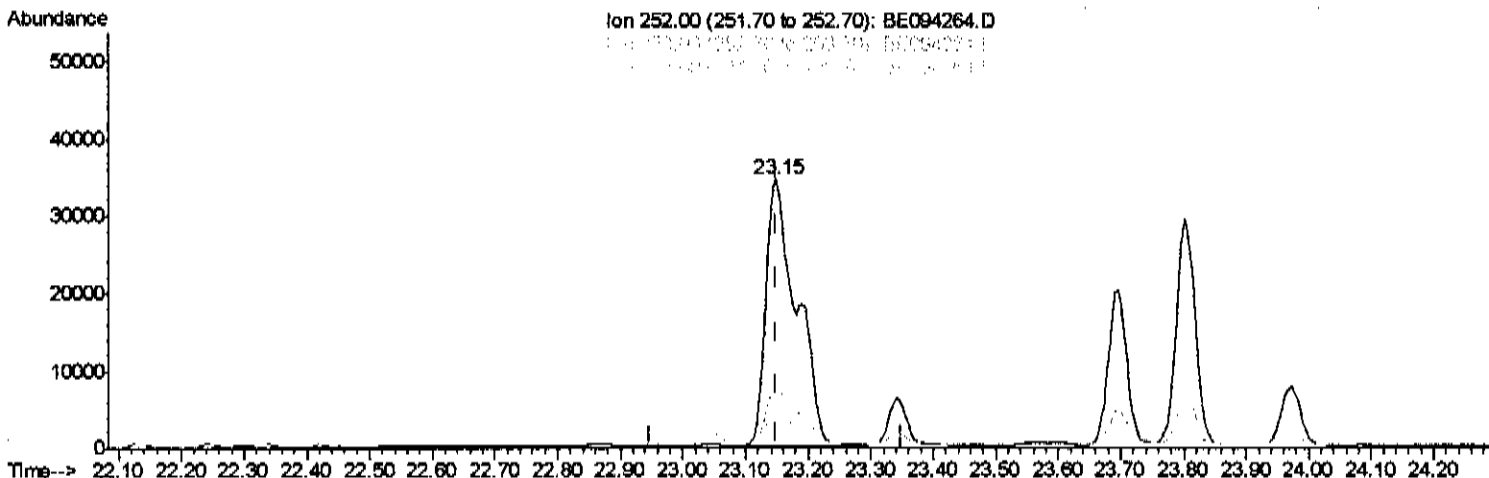
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(21) Benzo(b)fluoranthene  
 23.148min (+0.000) 3.50ng/ul  
 response 117518

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.48 |
| 125.00 | 17.50 | 13.32 |
| 0.00   | 0.00  | 0.00  |

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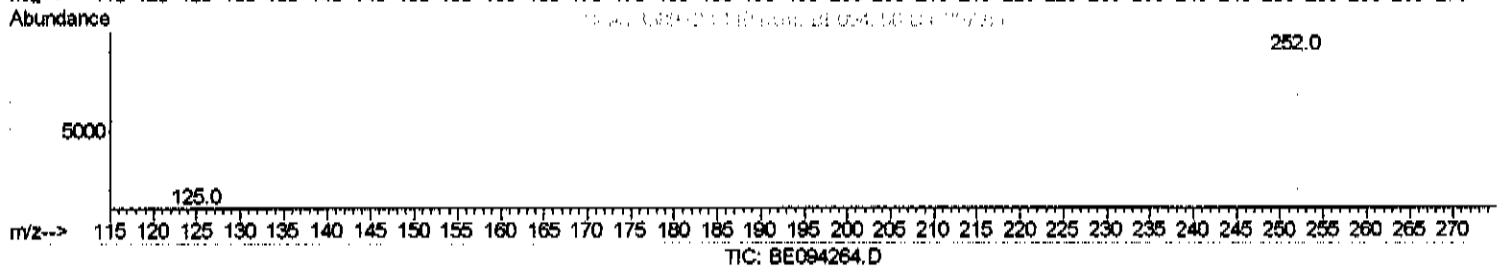
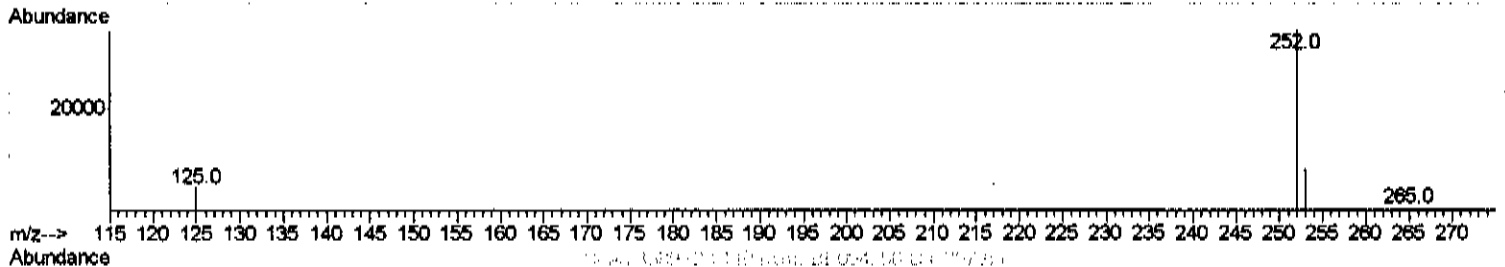
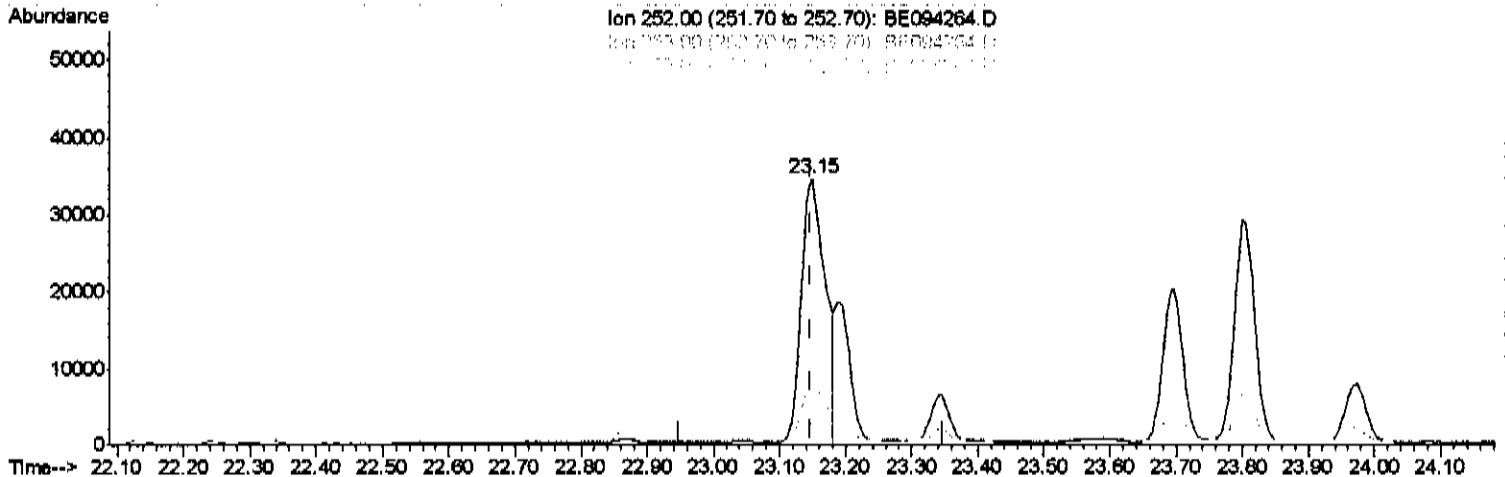
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(21) Benzo(b)fluoranthene

23.149min (+0.000) 2.69ng/ul m

response 90320

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.48 |
| 125.00 | 17.50 | 13.32 |
| 0.00   | 0.00  | 0.00  |

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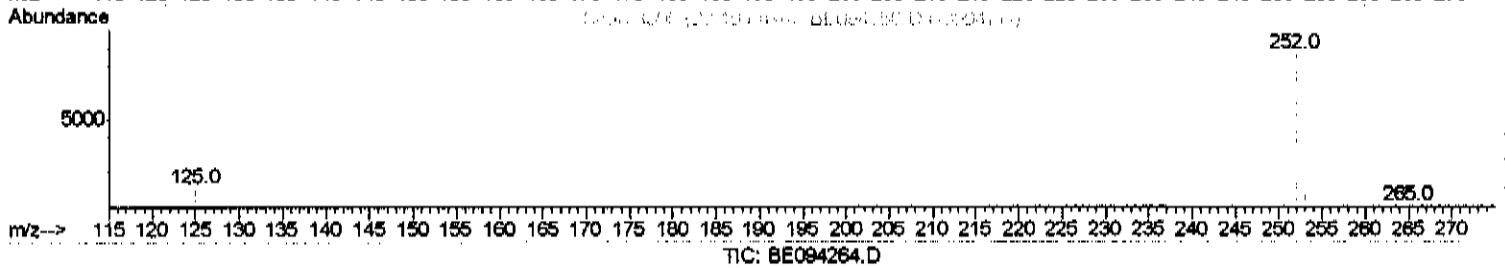
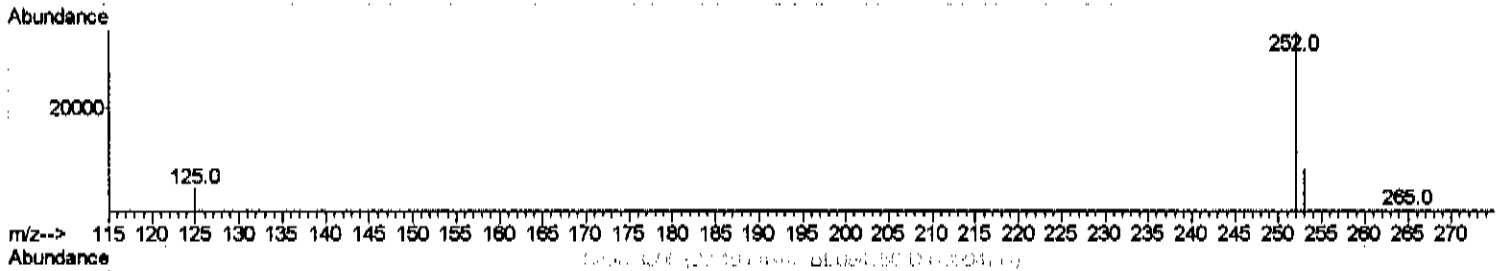
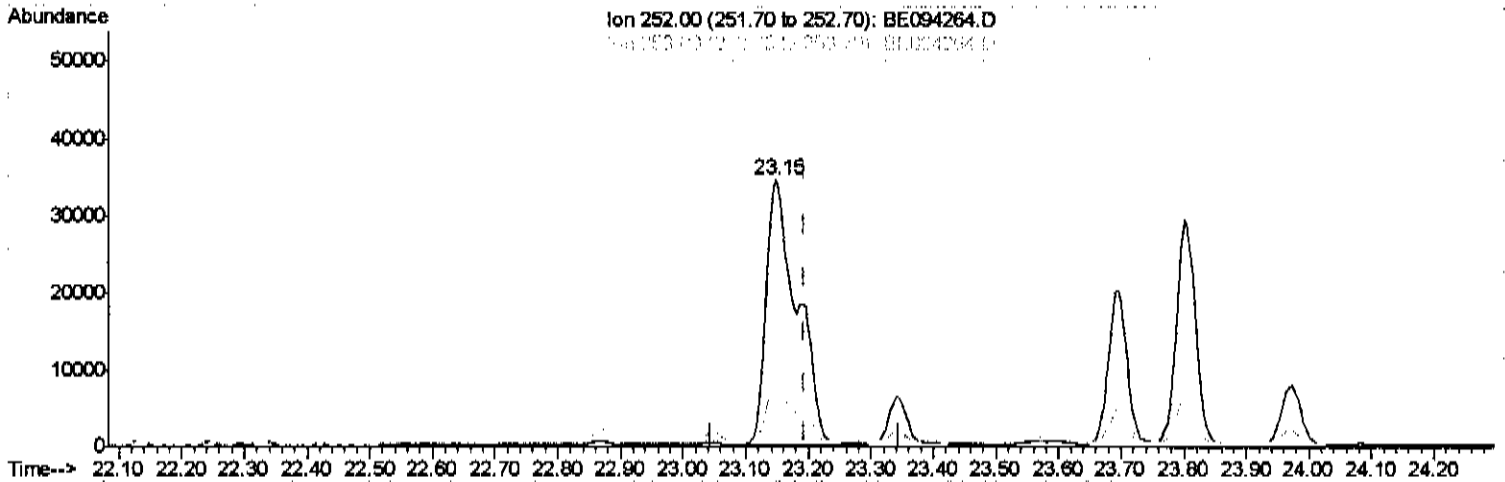
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(22) Benzo(k)fluoranthene

23.149min (-0.045) 3.03ng/ul

response 117518

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.48# |
| 125.00 | 17.10 | 13.32# |
| 0.00   | 0.00  | 0.00   |

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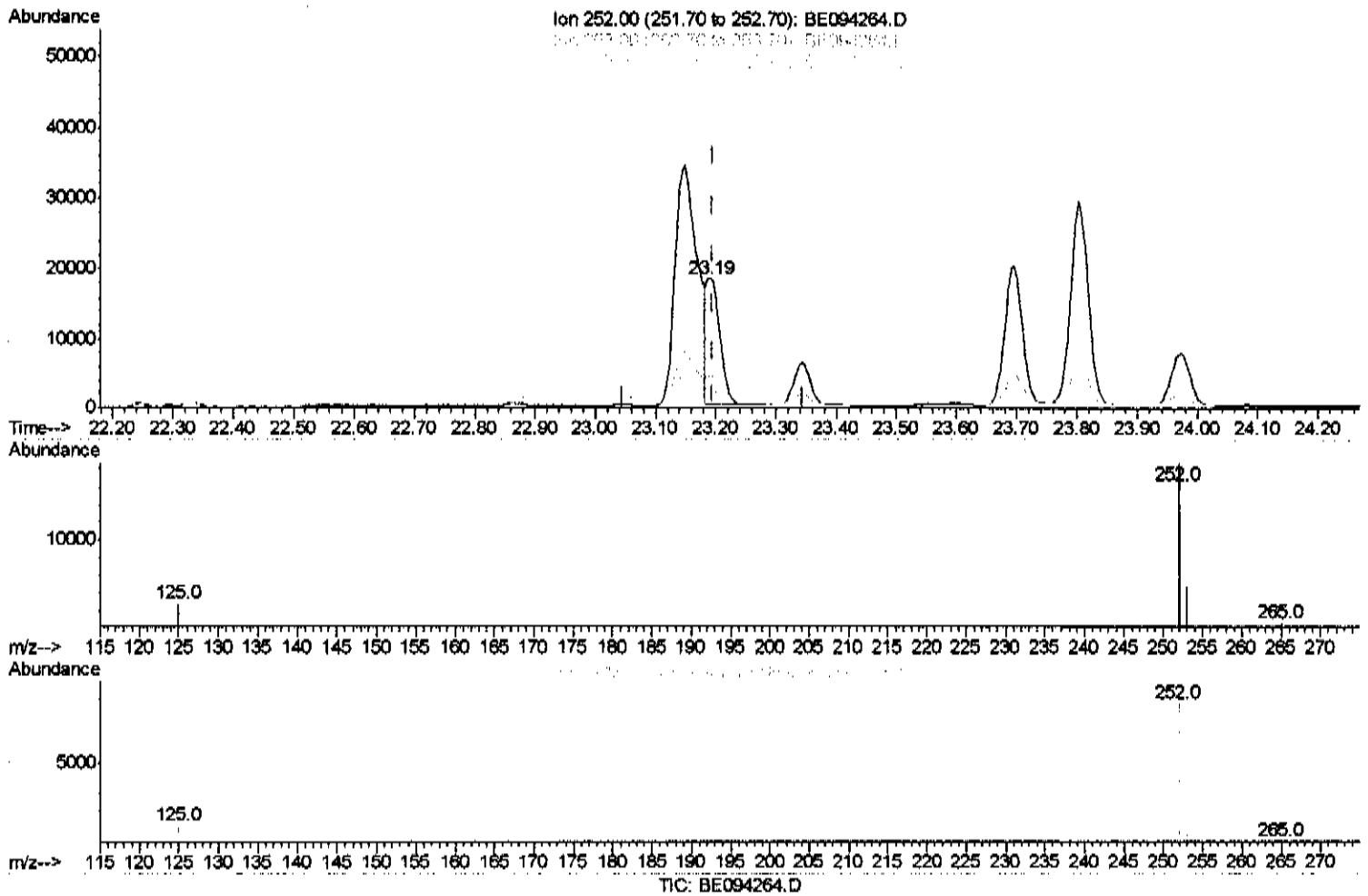
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Instrument :  
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 ClientSampled :  
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(22) Benzo(k)fluoranthene

23.190min (-0.004) 0.71ng/ul m

response 27523

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.60 | 25.11 |
| 125.00 | 17.10 | 14.89 |
| 0.00   | 0.00  | 0.00  |

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.91  | 152  | 1940     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.69 | 136  | 9926     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.51 | 164  | 5552     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.24 | 188  | 11976    | 0.40 | ng/ul | -0.02    |
| 16) Chrysene-d12          | 21.41 | 240  | 12323    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.92 | 264  | 12357    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 1004     | 0.07 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.27 | 212  | 2344     | 0.06 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue    |
|----------------------------|-------|------|----------|-------|--------|-----------|
| 3) Naphthalene             | 10.74 | 128  | 1566     | 0.064 | ng/ul# | 91        |
| 5) 2-Methylnaphthalene     | 12.35 | 142  | 782      | 0.050 | ng/ul  | 96        |
| 7) Acenaphthylene          | 14.24 | 152  | 1494     | 0.069 | ng/ul# | 92        |
| 8) Acenaphthene            | 14.57 | 153  | 2665     | 0.150 | ng/ul  | 98        |
| 9) Fluorene                | 15.56 | 166  | 2724     | 0.131 | ng/ul  | 93        |
| 12) Phenanthrene           | 17.29 | 178  | 58023    | 1.854 | ng/ul# | 93        |
| 13) Anthracene             | 17.38 | 178  | 14160    | 0.465 | ng/ul# | 92        |
| 15) Fluoranthene           | 19.30 | 202  | 134960   | 3.282 | ng/ul  | 84        |
| 17) Pyrene                 | 19.66 | 202  | 123168   | 3.592 | ng/ul# | 83        |
| 18) Benzo(a)anthracene     | 21.39 | 228  | 69608    | 2.129 | ng/ul# | 87        |
| 19) Chrysene               | 21.45 | 228  | 64673    | 1.713 | ng/ul  | 99        |
| 21) Benzo(b)fluoranthene   | 23.15 | 252  | 90320m   | 2.691 | ng/ul  | 910/11/17 |
| 22) Benzo(k)fluoranthene   | 23.19 | 252  | 27523m   | 0.709 | ng/ul  |           |
| 23) Benzo(a)pyrene         | 23.80 | 252  | 62179    | 1.783 | ng/ul# | 81        |
| 24) Indeno(1,2,3-cd)pyrene | 26.56 | 276  | 39945    | 1.119 | ng/ul# | 79        |
| 25) Dibenzo(a,h)anthracene | 26.58 | 278  | 10111    | 0.338 | ng/ul# | 95        |
| 26) Benzo(a,h,i)perylene   | 27.39 | 276  | 32461    | 1.055 | ng/ul  | 99        |

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