

# Quantitation Report (QT Reviewed)

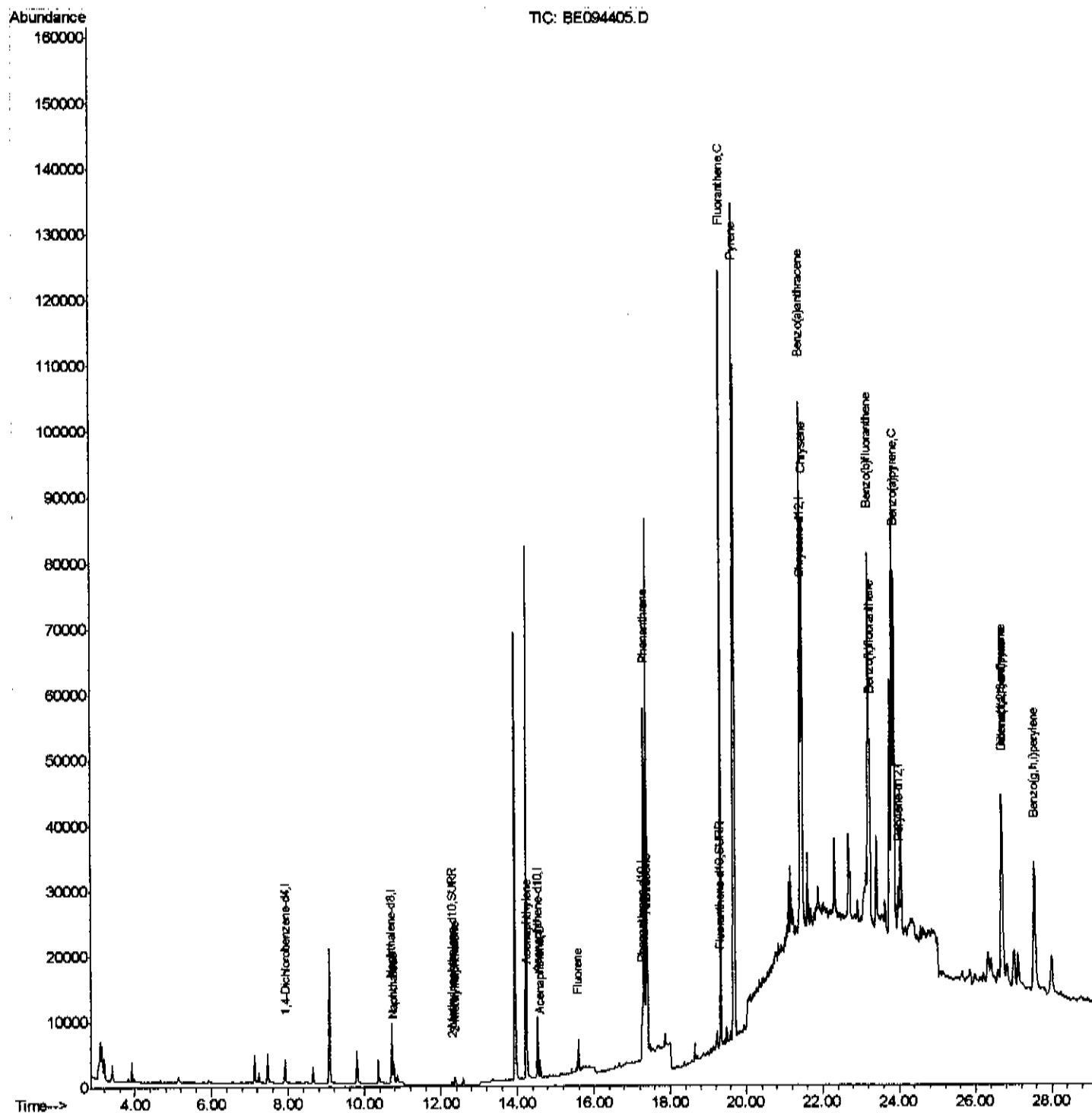
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\  
 Data File : BE094405.D  
 Acq On : 15 Oct 2017 22:25  
 Operator : SJ/JU  
 Sample : I5548-17DL 5X  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AF7DL

Manual Integrations  
 APPROVED

Sohil  
 10/16/2017 8:26:42 PM

Quant Time: Oct 16 08:20:14 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 07:45:00 2017  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

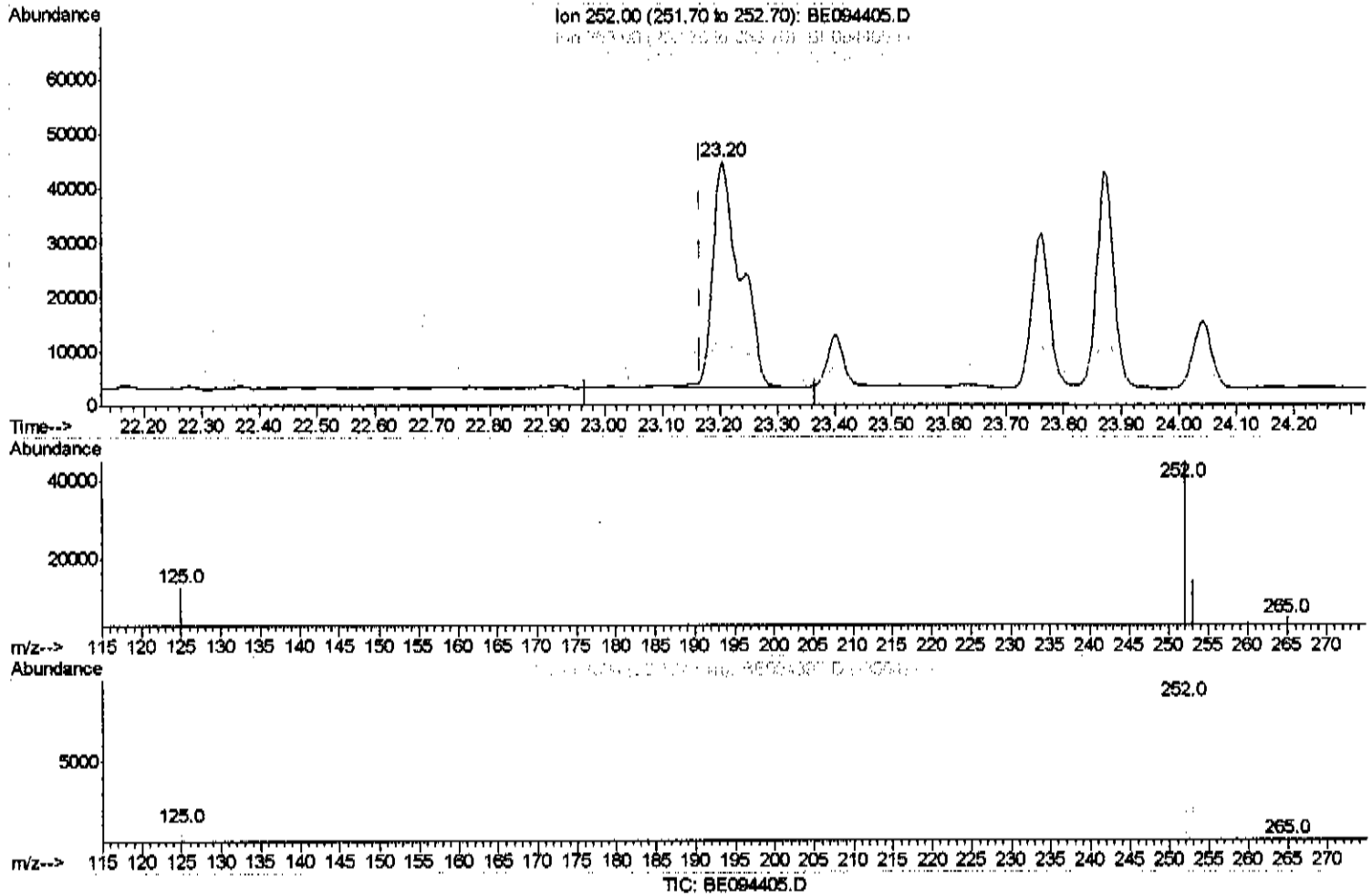
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(21) Benzo(b)fluoranthene  
 23.204min (+0.037) 4.87ng/ul  
 response 138016

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 31.51 |
| 125.00 | 17.50 | 27.63 |
| 0.00   | 0.00  | 0.00  |

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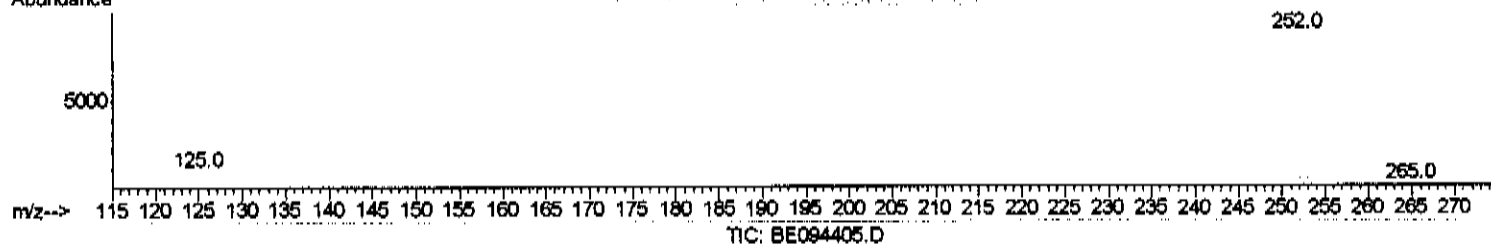
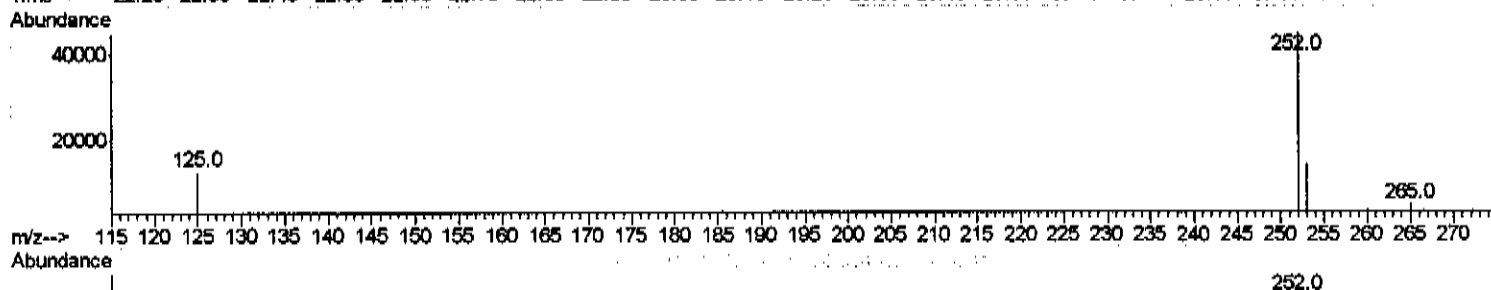
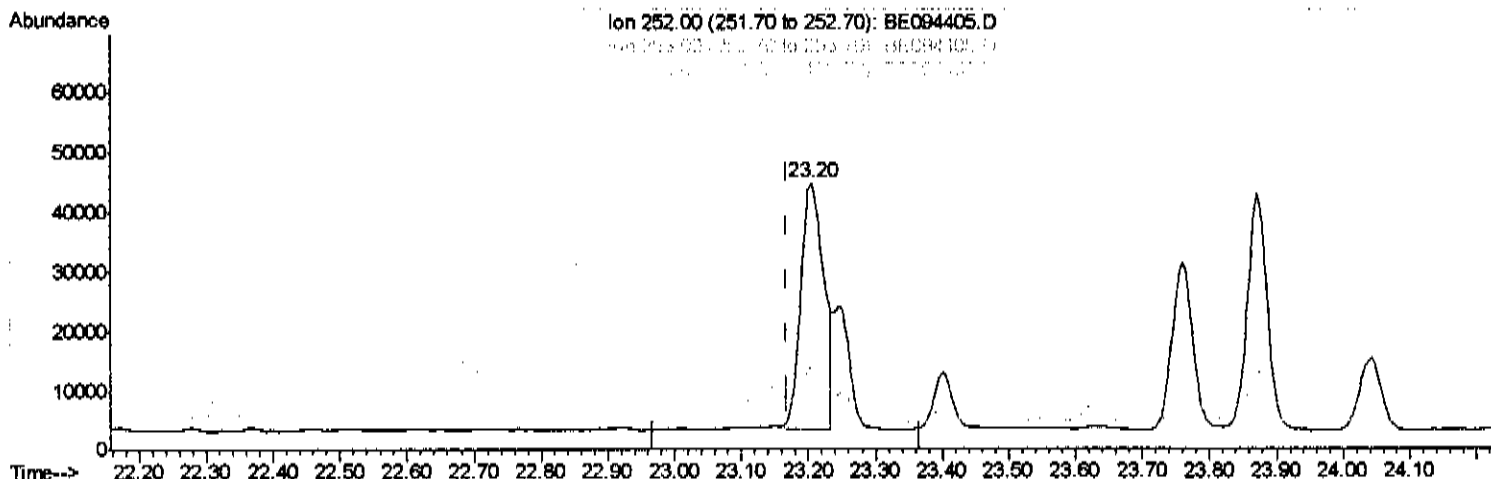
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(21) Benzo(b)fluoranthene

23.204min (+0.037) 3.49ng/ul m

response 98982

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 31.51 |
| 125.00 | 17.50 | 27.63 |
| 0.00   | 0.00  | 0.00  |

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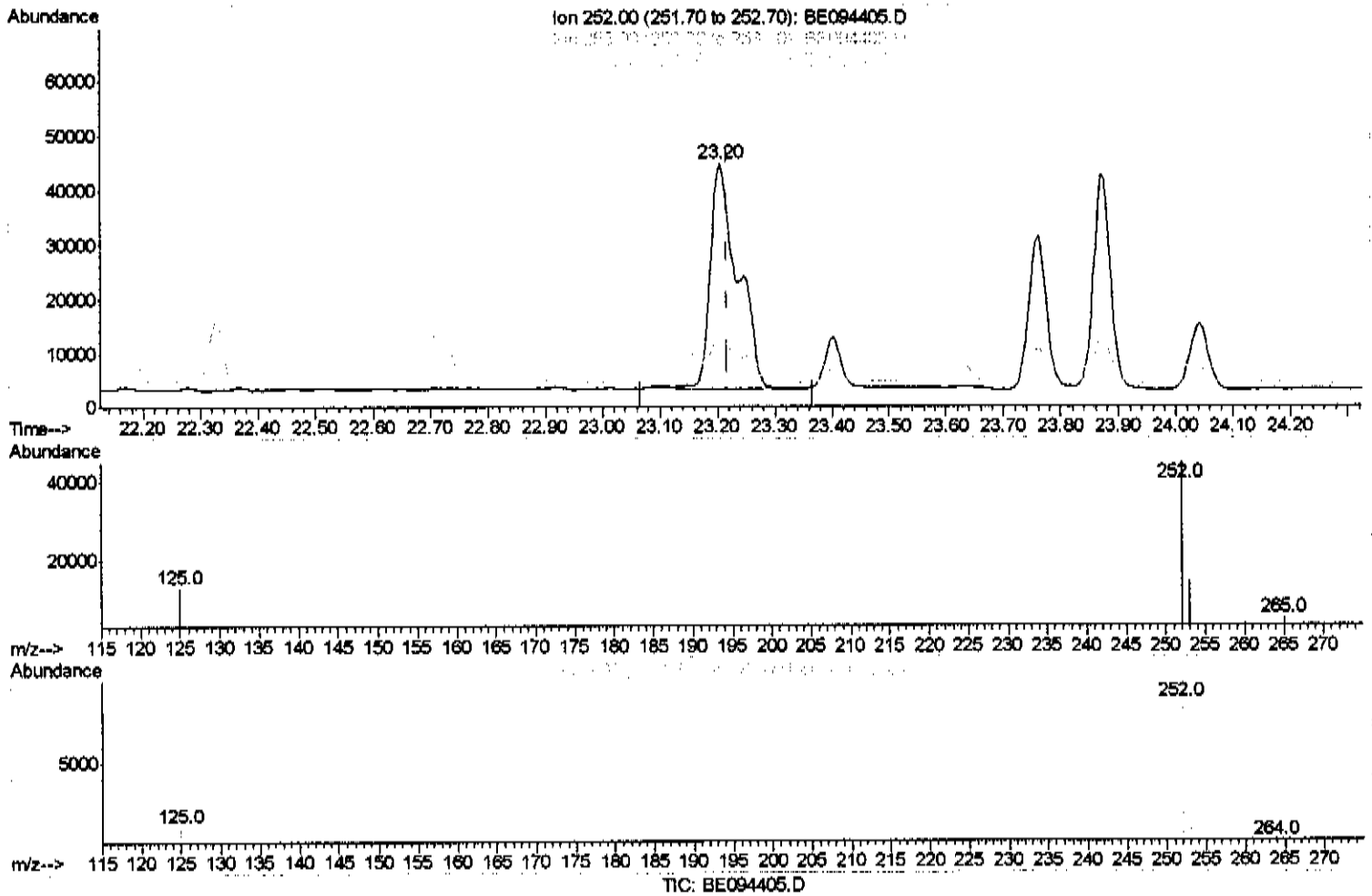
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 Data File : BE094405.D  
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 Operator : SJ/JU  
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 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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(22) Benzo(k)fluoranthene  
 23.204min (-0.013) 4.22ng/ui  
 response 138016

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 31.51  |
| 125.00 | 17.10 | 27.63# |
| 0.00   | 0.00  | 0.00   |

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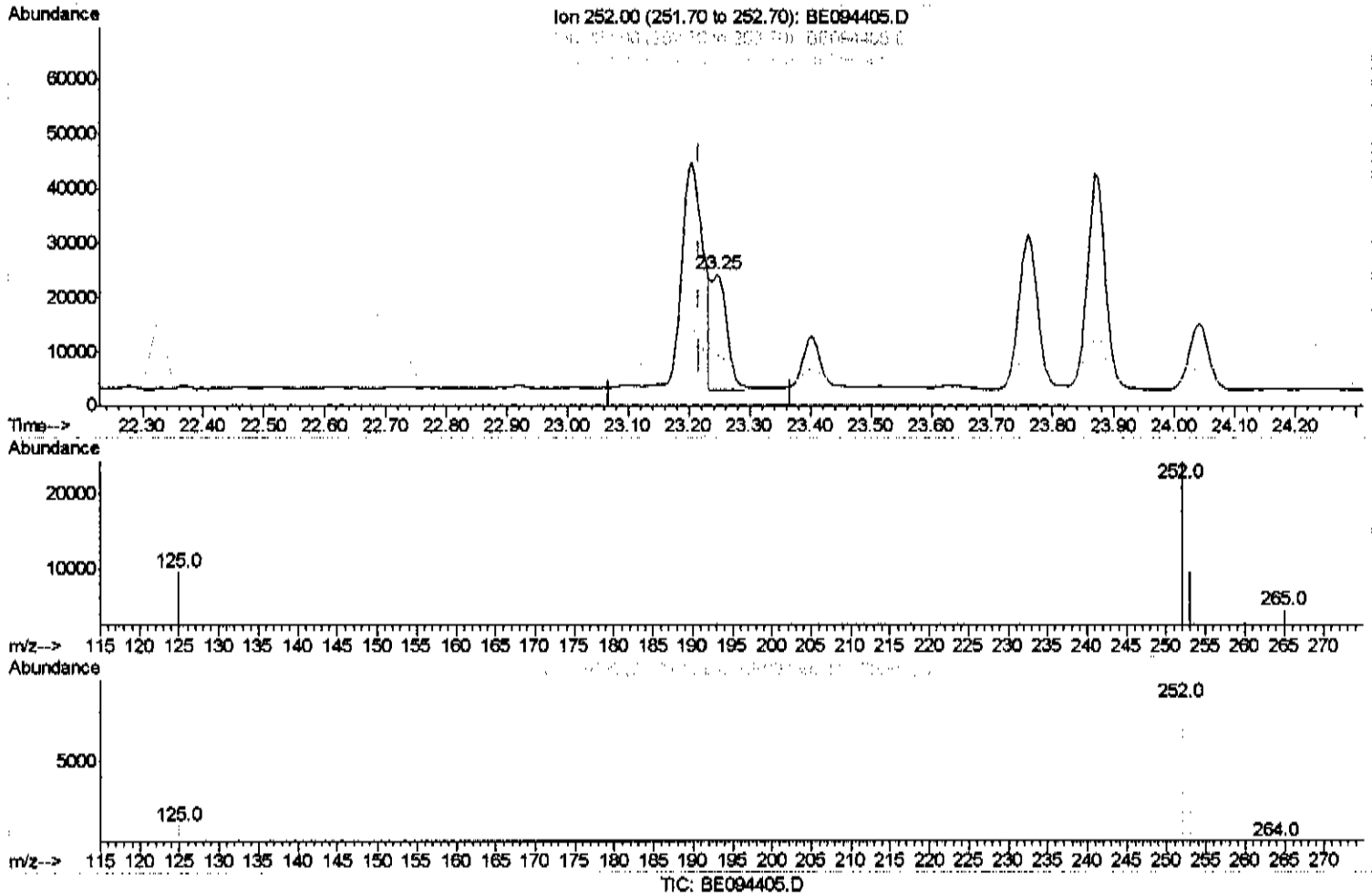
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(22) Benzo(k)fluoranthene

23.245min (+0.028) 1.19ng/ul m

JU 10/16/17

response 38947

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 38.86# |
| 125.00 | 17.10 | 39.54# |
| 0.00   | 0.00  | 0.00   |

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| Internal Standards        | R.T.  | QI  | Ion | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|-----|-----|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152 |     | 1912     | 0.40 | ng/ul | 0.01     |
| 2) Naphthalene-d8         | 10.71 | 136 |     | 10184    | 0.40 | ng/ul | 0.01     |
| 6) Acenaphthene-d10       | 14.54 | 164 |     | 5652     | 0.40 | ng/ul | 0.01     |
| 10) Phenanthrene-d10      | 17.27 | 188 |     | 11668    | 0.40 | ng/ul | 0.02     |
| 16) Chrysene-d12          | 21.44 | 240 |     | 11715    | 0.40 | ng/ul | 0.02     |
| 20) Perylene-d12          | 23.99 | 264 |     | 10428    | 0.40 | ng/ul | 0.04     |

| System Monitoring Compounds | R.T.  | QI  | Ion | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|-----|-----|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152 |     | 677      | 0.04 | ng/ul | 0.01     |
| 14) Fluoranthene-d10        | 19.30 | 212 |     | 1567     | 0.04 | ng/ul | 0.01     |

| Target Compounds           | R.T.  | QI  | Ion | Response | Conc  | Units  | Ovalue           |
|----------------------------|-------|-----|-----|----------|-------|--------|------------------|
| 3) Naphthalene             | 10.75 | 128 |     | 4692     | 0.188 | ng/ul# | 95               |
| 5) 2-Methylnaphthalene     | 12.36 | 142 |     | 1115     | 0.069 | ng/ul  | 96               |
| 7) Acenaphthylene          | 14.26 | 152 |     | 6872     | 0.312 | ng/ul  | 98               |
| 8) Acenaphthene            | 14.60 | 153 |     | 1840     | 0.101 | ng/ul  | 96               |
| 9) Fluorene                | 15.58 | 166 |     | 3424     | 0.161 | ng/ul  | 87               |
| 12) Phenanthrene           | 17.31 | 178 |     | 58313    | 1.912 | ng/ul# | 91               |
| 13) Anthracene             | 17.39 | 178 |     | 17794    | 0.600 | ng/ul# | 93               |
| 15) Fluoranthene           | 19.33 | 202 |     | 136036   | 3.396 | ng/ul  | 84               |
| 17) Pyrene                 | 19.69 | 202 |     | 124853   | 3.830 | ng/ul# | 83               |
| 18) Benzo(a)anthracene     | 21.42 | 228 |     | 72396    | 2.329 | ng/ul# | 88               |
| 19) Chrysene               | 21.48 | 228 |     | 75227    | 2.096 | ng/ul# | 83               |
| 21) Benzo(b)fluoranthene   | 23.20 | 252 |     | 98982m   | 3.494 | ng/ul  | } -> 90 10/16/17 |
| 22) Benzo(k)fluoranthene   | 23.25 | 252 |     | 38947m   | 1.189 | ng/ul  |                  |
| 23) Benzo(a)pyrene         | 23.87 | 252 |     | 83836    | 2.848 | ng/ul# | 91               |
| 24) Indeno(1,2,3-cd)pyrene | 26.69 | 276 |     | 58937    | 1.957 | ng/ul# | 79               |
| 25) Dibenzo(a,h)anthracene | 26.68 | 278 |     | 14687    | 0.581 | ng/ul# | 27               |
| 26) Benzo(g,h,i)perylene   | 27.54 | 276 |     | 56489    | 2.175 | ng/ul# | 82               |

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