

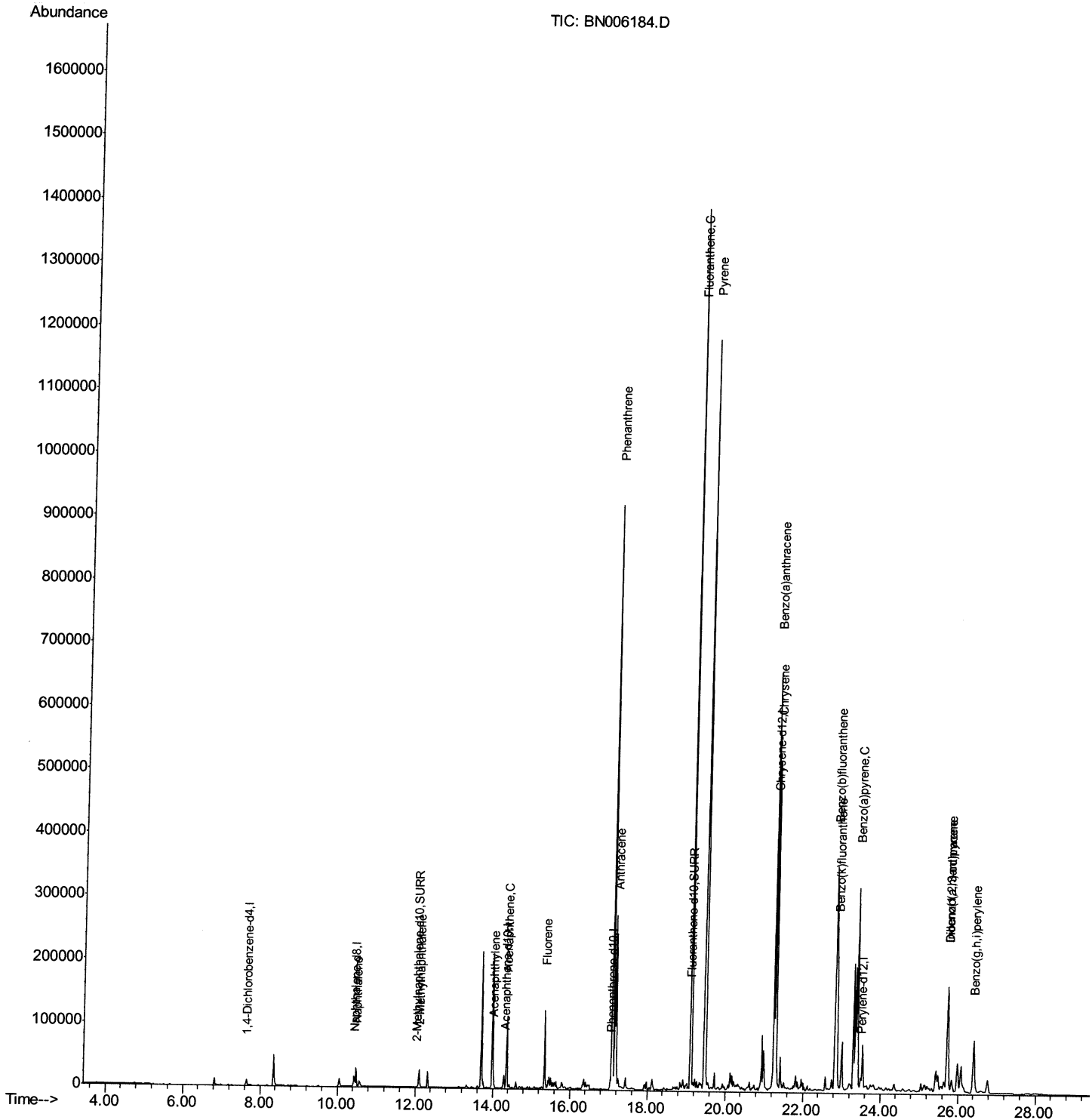
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060819\  
Data File : BN006184.D  
Acq On : 08 Jun 2019 10:41  
Operator : JU/SJ  
Sample : K3201-11DL 5X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AC2DL

Manual Integrations  
APPROVED

mohammad  
6/11/2019 4:30:11 PM

Quant Time: Jun 08 12:21:12 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 07 01:31:14 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

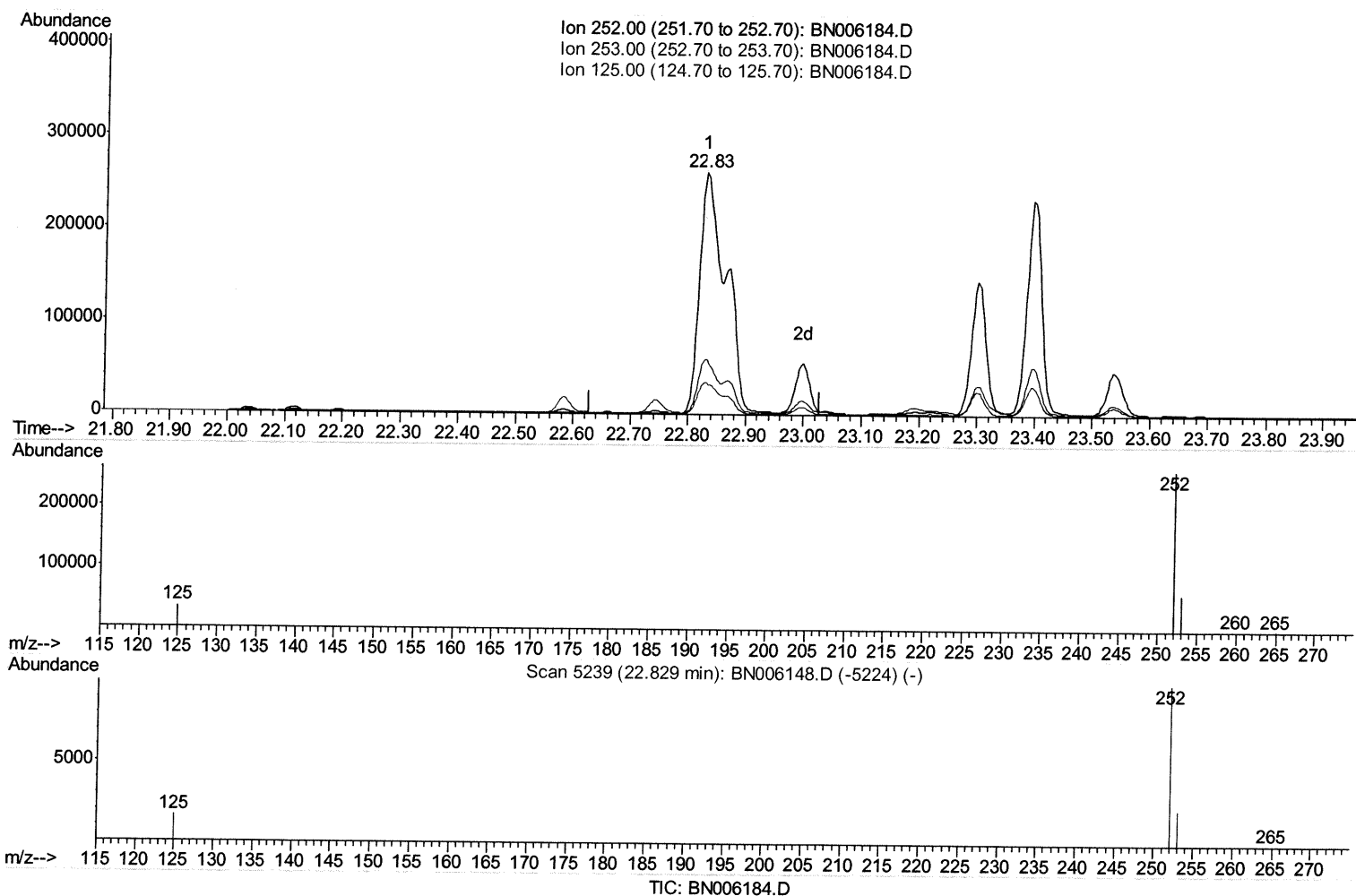
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Quant Time: Jun 08 11:21:45 2019  
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(21) Benzo(b)fluoranthene

22.829min (-0.000) 6.16ng/ul

response 816058

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.70 | 22.85 |
| 125.00 | 20.50 | 13.14 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

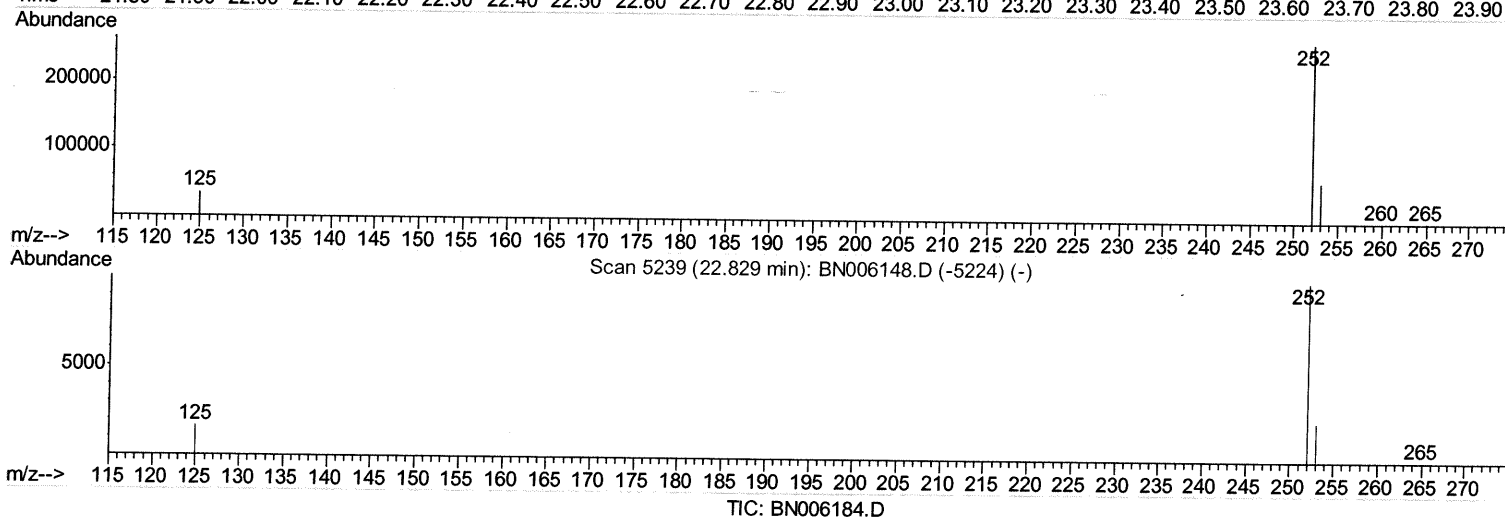
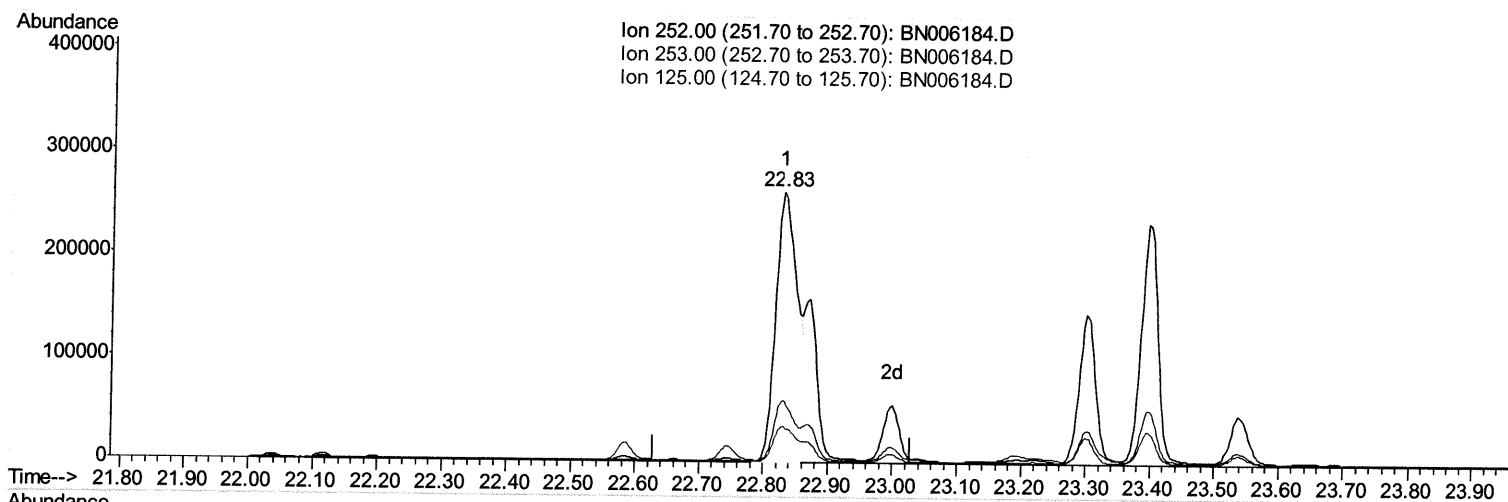
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(21) Benzo(b)fluoranthene

22.829min (-0.000) 4.45ng/ul m

JU  
06/10/19

response 589084

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.70 | 22.85 |
| 125.00 | 20.50 | 13.14 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

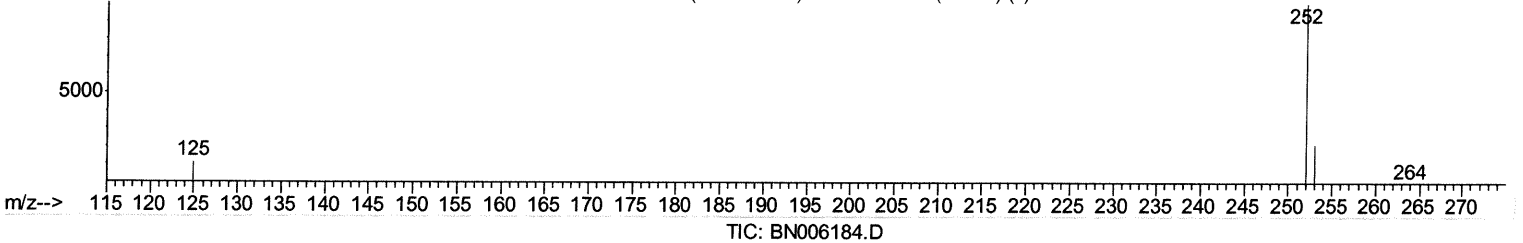
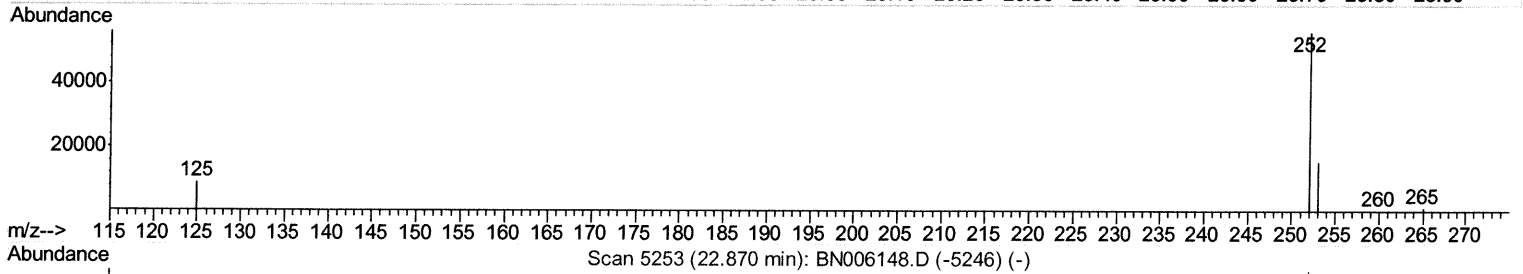
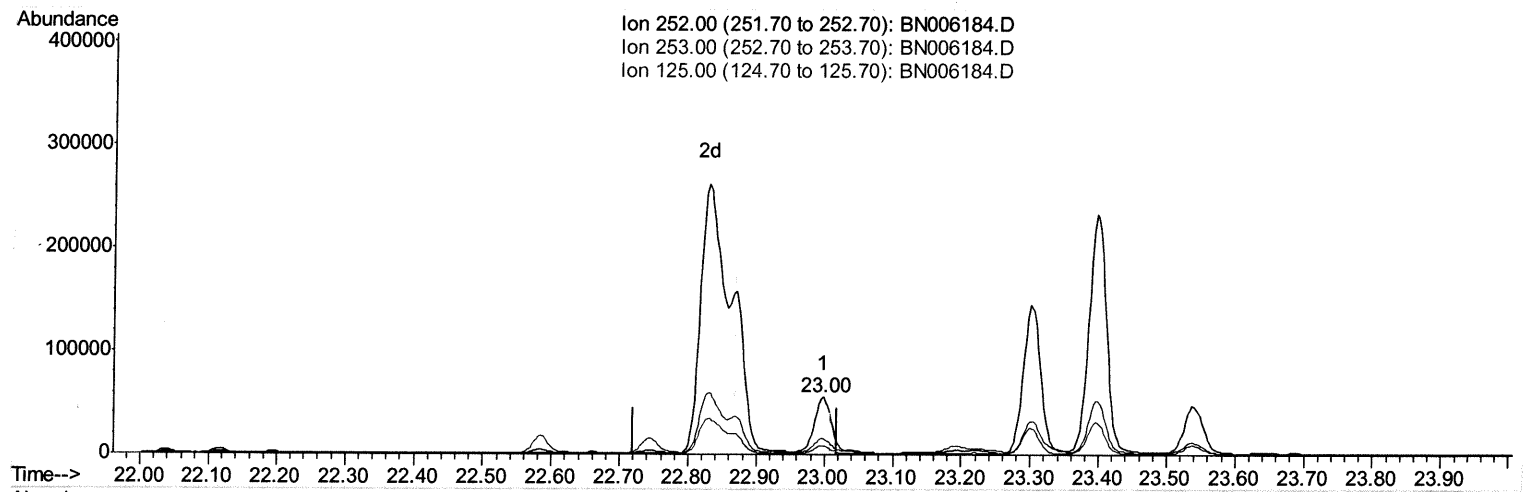
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(22) Benzo(k)fluoranthene  
 22.998min (+0.129) 0.56ng/ul  
 response 72042

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.40 | 27.73 |
| 125.00 | 17.90 | 15.86 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

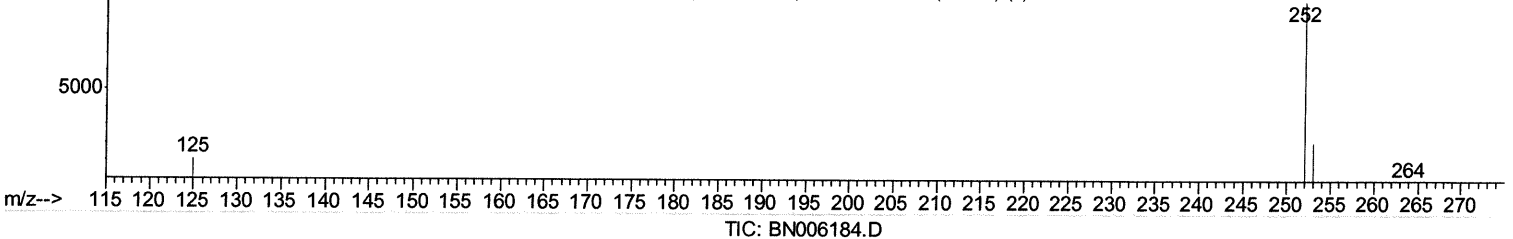
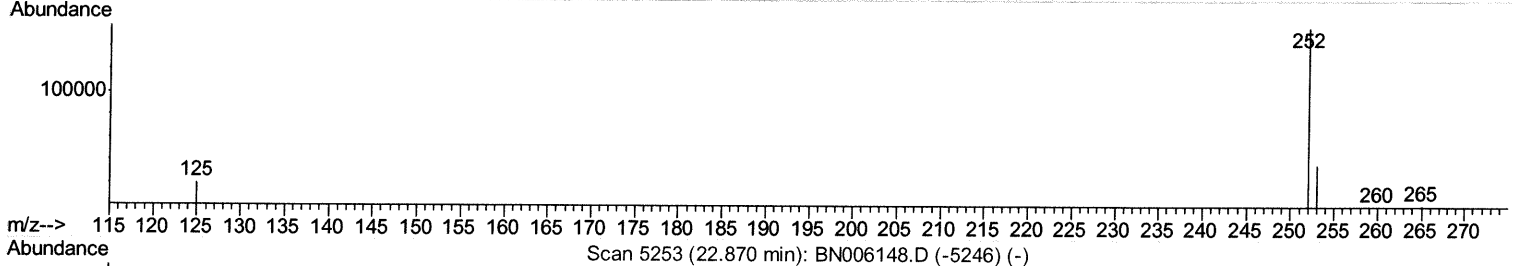
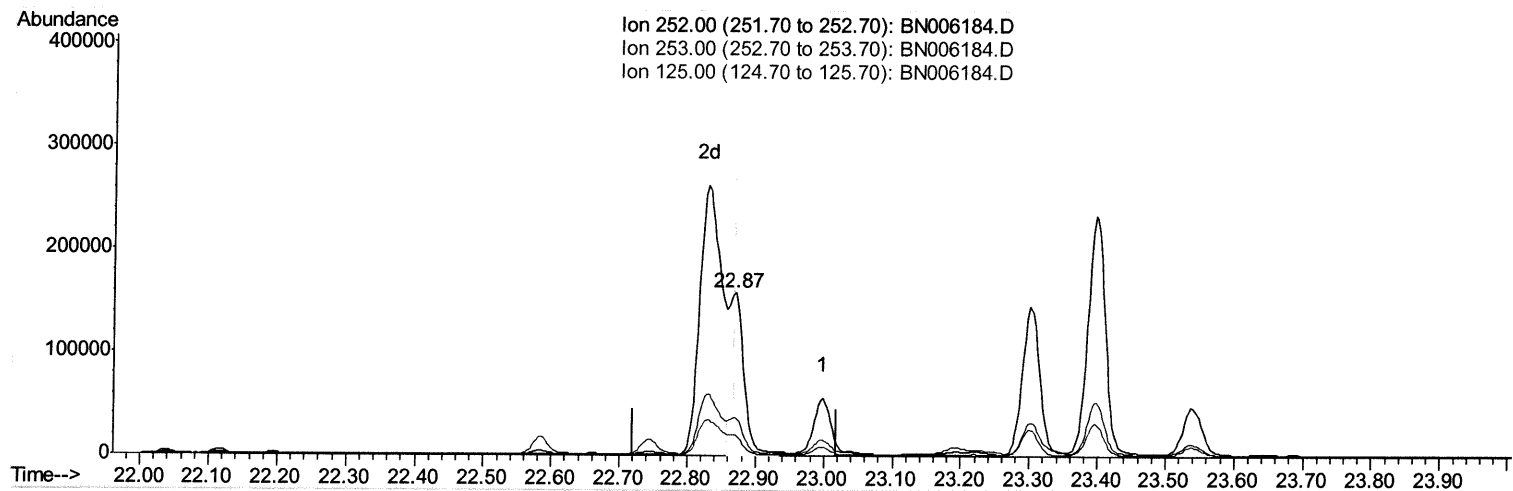
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(22) Benzo(k)fluoranthene

22.870min (-0.000) 1.83ng/ul m

JU  
 06/10/19

response 236270

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.40 | 23.66  |
| 125.00 | 17.90 | 12.69# |
| 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 | 7.65  | 152  | 6181     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.42 | 136  | 22935    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.30 | 164  | 11354    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.05 | 188  | 23846    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.27 | 240  | 19405    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.50 | 264  | 31773    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 1655     | 0.05 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 3175     | 0.05 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response  | Conc   | Units  | Ovalue |
|----------------------------|-------|------|-----------|--------|--------|--------|
| 3) Naphthalene             | 10.47 | 128  | 43594     | 0.689  | ng/ul  | 99     |
| 5) 2-Methylnaphthalene     | 12.10 | 142  | 23597     | 0.535  | ng/ul  | 100    |
| 7) Acenaphthylene          | 14.01 | 152  | 24672     | 0.391  | ng/ul  | 98     |
| 8) Acenaphthene            | 14.36 | 153  | 65238     | 1.490  | ng/ul  | 99     |
| 9) Fluorene                | 15.35 | 166  | 76098     | 1.486  | ng/ul  | 99     |
| 12) Phenanthrene           | 17.09 | 178  | 973081    | 12.712 | ng/ul  | 100    |
| 13) Anthracene             | 17.18 | 178  | 243818    | 3.335  | ng/ul  | 99     |
| 15) Fluoranthene           | 19.12 | 202  | 1153779   | 13.650 | ng/ul  | 95     |
| 17) Pyrene                 | 19.49 | 202  | 960908    | 9.401  | ng/ul  | 99     |
| 18) Benzo(a)anthracene     | 21.25 | 228  | 560428    | 6.530  | ng/ul  | 99     |
| 19) Chrysene               | 21.30 | 228  | 504271    | 6.259  | ng/ul  | 97     |
| 21) Benzo(b)fluoranthene   | 22.83 | 252  | 589084m > | 4.446  | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 22.87 | 252  | 236270m > | 1.831  | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.40 | 252  | 410281    | 3.325  | ng/ul# | 85     |
| 24) Indeno(1,2,3-cd)pyrene | 25.72 | 276  | 239256    | 1.791  | ng/ul# | 90     |
| 25) Dibenzo(a,h)anthracene | 25.72 | 278  | 73832     | 0.691  | ng/ul  | 96     |
| 26) Benzo(a,h,i)perylene   | 26.41 | 276  | 170940    | 1.528  | ng/ul  | 95     |

Ju 06/10/19

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