

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\  
 Data File : BM003225.D  
 Acq On : 20 Nov 2015 17:32  
 Operator : UM/IZ  
 Sample : G4323-26  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4J46

Quant Time: Nov 21 04:41:24 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 21 04:24:04 2015  
 Response via : Initial Calibration

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| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 13788    | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.53 | 136  | 53425    | 0.40 | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 14.38 | 164  | 27946    | 0.40 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.12 | 188  | 58738    | 0.40 | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.33 | 240  | 58847    | 0.40 | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.60 | 264  | 56667    | 0.40 | ng/ul  | 0.01     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 2) 1,4-Dioxane-d8           | 3.20  | 96   | 46759    | 3.17 | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.12 | 152  | 10608    | 0.15 | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 19.17 | 212  | 17805    | 0.12 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
| 5) Naphthalene              | 10.58 | 128  | 95417    | 0.70 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.19 | 142  | 26069    | 0.29 | ng/ul# | 100      |
| 9) Acenaphthylene           | 14.09 | 152  | 70744    | 0.61 | ng/ul  | 99       |
| 10) Acenaphthene            | 14.45 | 153  | 45458    | 0.46 | ng/ul  | 100      |
| 11) Fluorene                | 15.44 | 166  | 58797m   | 0.55 | ng/ul  |          |
| 13) Pentachlorophenol       | 16.78 | 266  | 996      | 0.07 | ng/ul# | 92       |
| 14) Phenanthrene            | 17.17 | 178  | 1030016  | 6.04 | ng/ul  | 100      |
| 15) Anthracene              | 17.26 | 178  | 228156   | 1.60 | ng/ul  | 99       |
| 17) Fluoranthene            | 19.19 | 202  | 1514380  | 8.01 | ng/ul  | 98       |
| 19) Pyrene                  | 19.57 | 202  | 1451474  | 7.19 | ng/ul# | 91       |
| 20) Benzo(a)anthracene      | 21.31 | 228  | 707802   | 4.15 | ng/ul  | 95       |
| 21) Chrysene                | 21.36 | 228  | 716098   | 3.73 | ng/ul  | 96       |
| 23) Benzo(b)fluoranthene    | 22.91 | 252  | 920859m  | 4.27 | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 22.95 | 252  | 284336m  | 1.40 | ng/ul  |          |
| 25) Benzo(a)pyrene          | 23.49 | 252  | 630294   | 3.29 | ng/ul  | 96       |
| 26) Indeno(1,2,3-cd)pyrene  | 25.87 | 276  | 412412   | 1.81 | ng/ul# | 94       |
| 27) Dibenzo(a,h)anthracene  | 25.88 | 278  | 101214   | 0.55 | ng/ul# | 93       |
| 28) Benzo(a,h,i)perylene    | 26.57 | 276  | 366957   | 1.83 | ng/ul  | 98       |

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

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# Quantitation Report (Qedit)

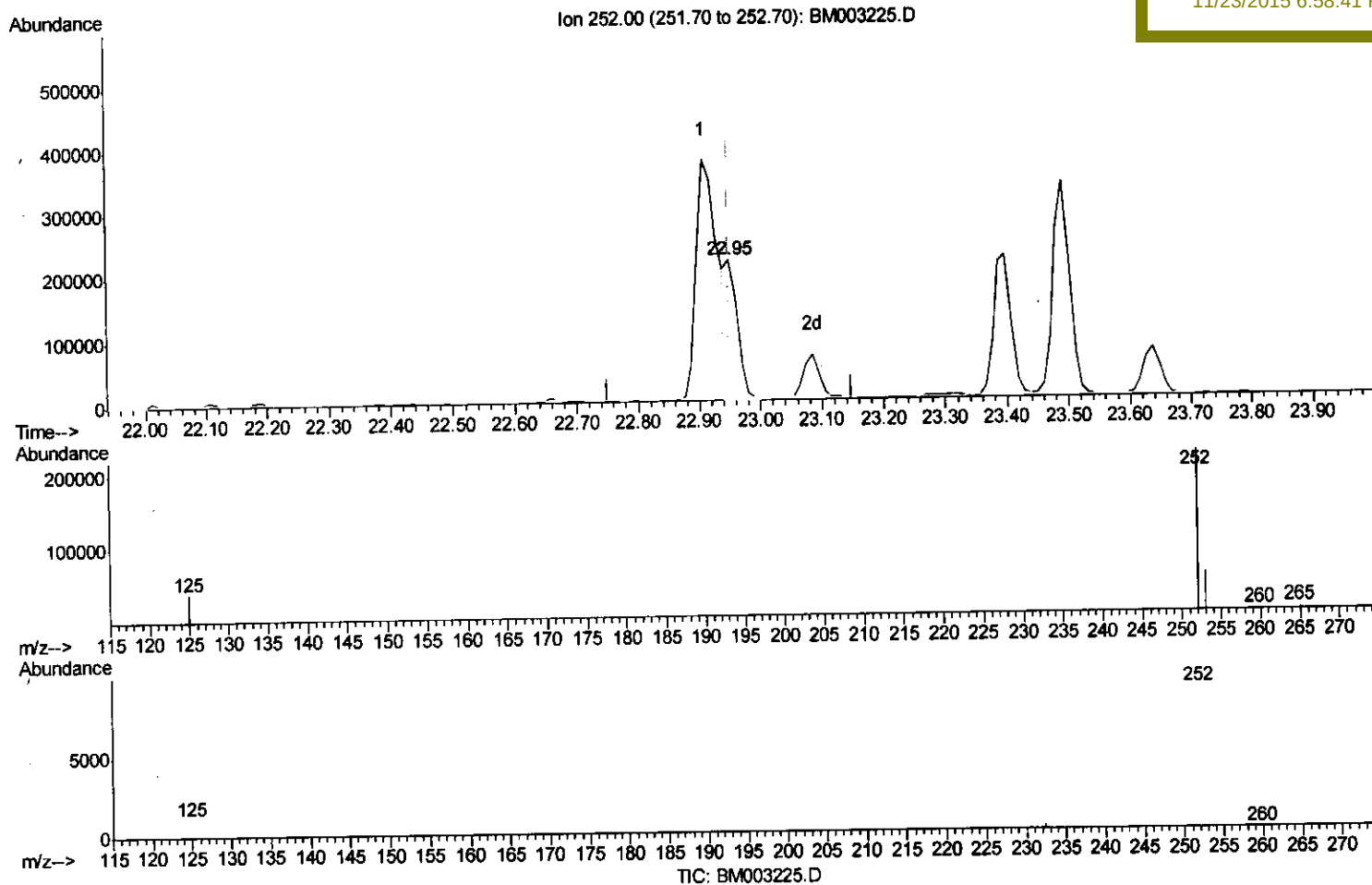
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(24) Benzo(k)fluoranthene

22.949min (-0.000) 1.40ng/ul m

response 284336

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.80 | 23.68  |
| 125.00 | 13.00 | 17.23# |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

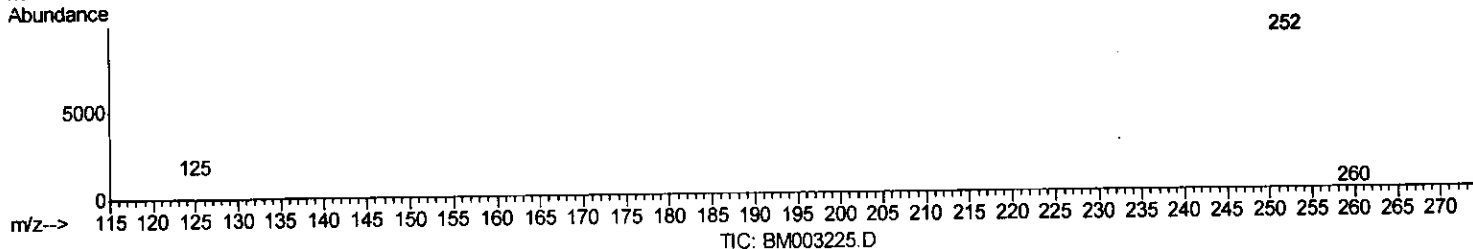
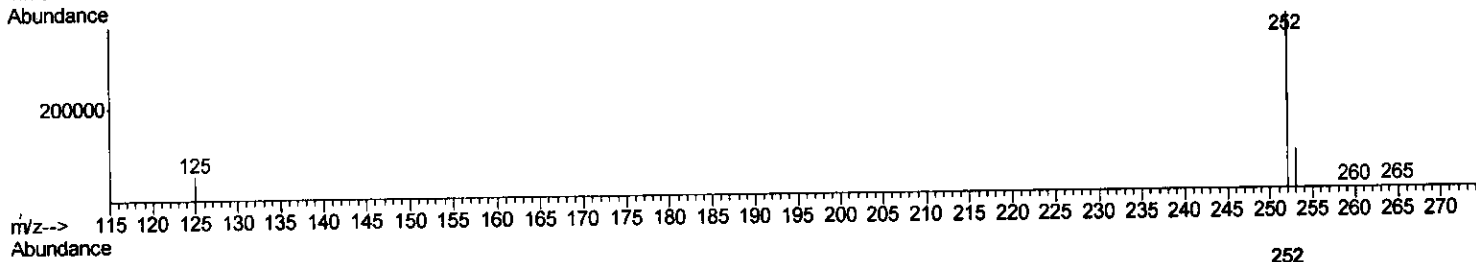
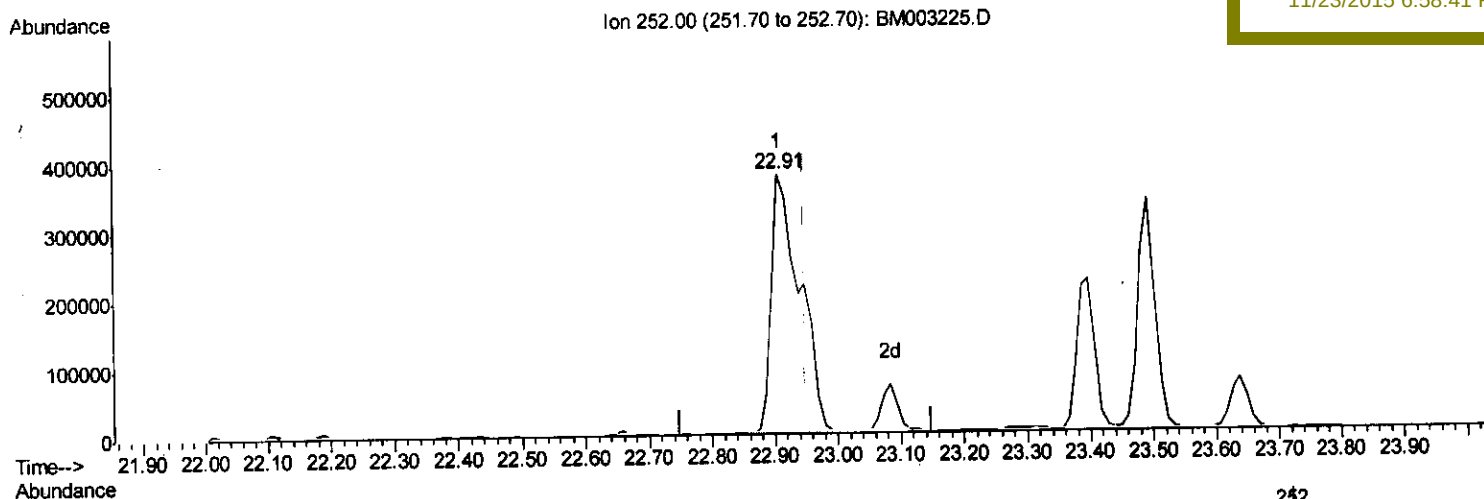
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(24) Benzo(k)fluoranthene  
 22.907min (-0.042) 5.84ng/ul  
 response 1190989

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.80 | 22.34 |
| 125.00 | 13.00 | 13.78 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

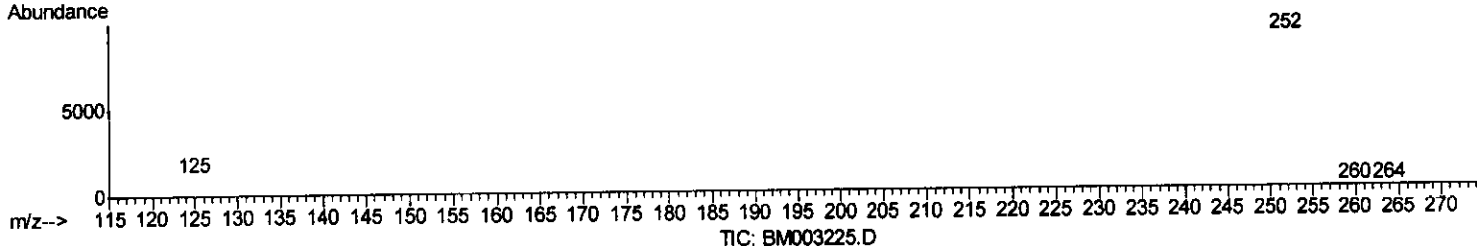
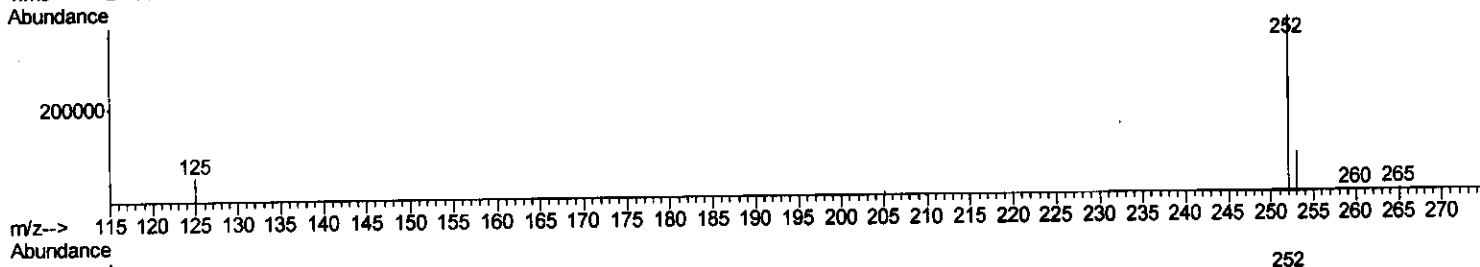
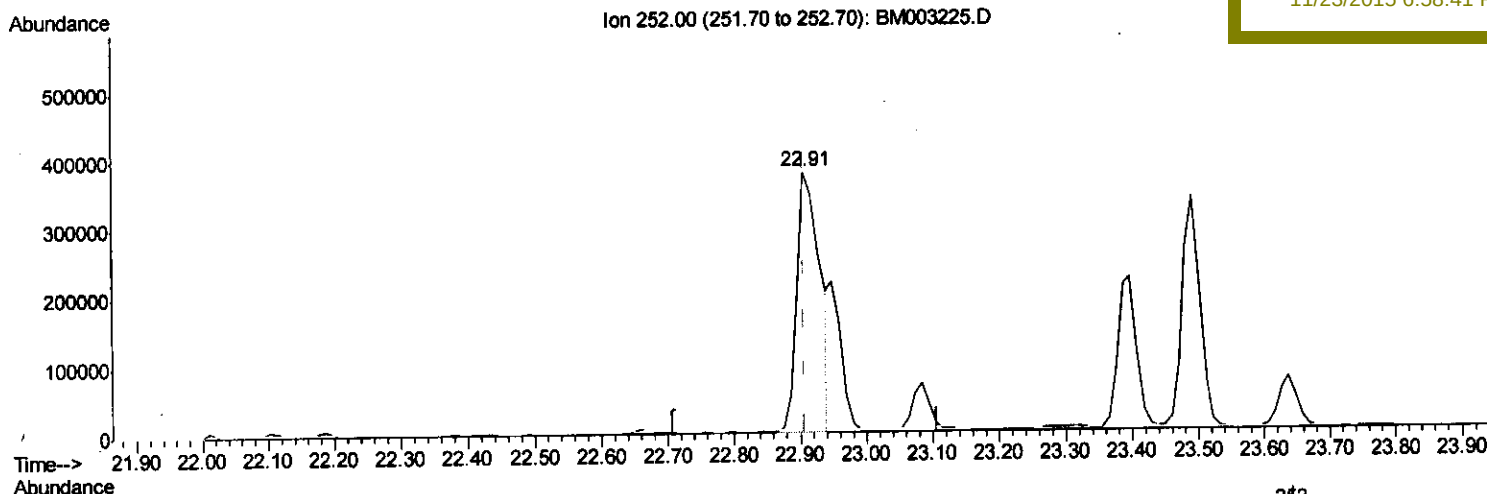
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(23) Benzo(b)fluoranthene

22.907min (-0.000) 4.27ng/ul m

response 920859

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.70 | 22.34 |
| 125.00 | 14.40 | 13.78 |
| 0.00   | 0.00  | 0.00  |

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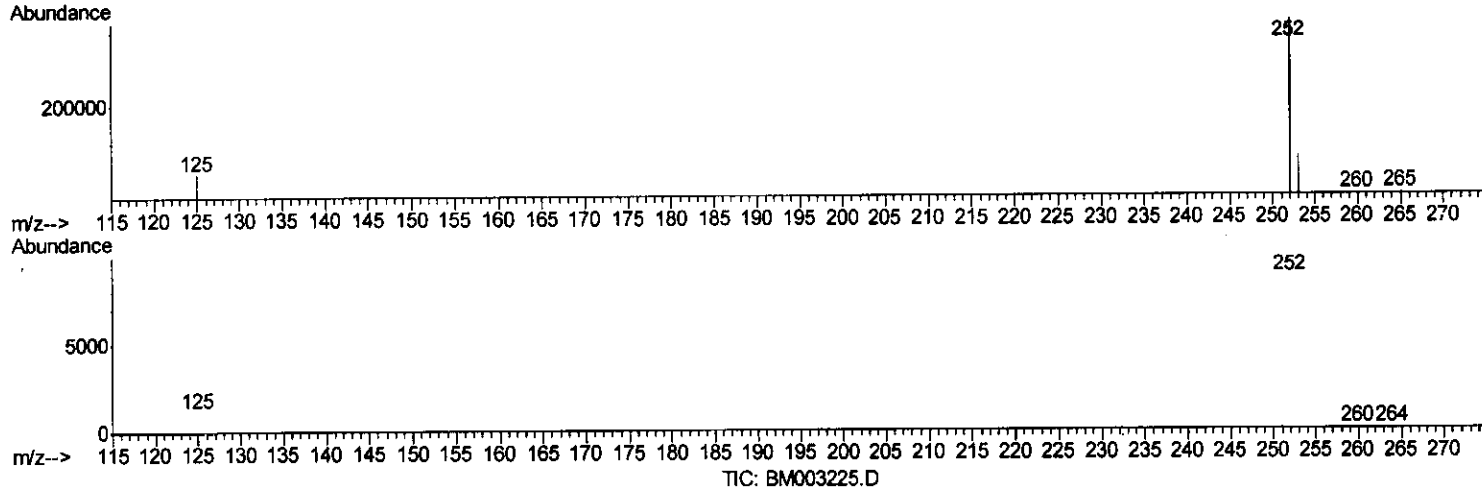
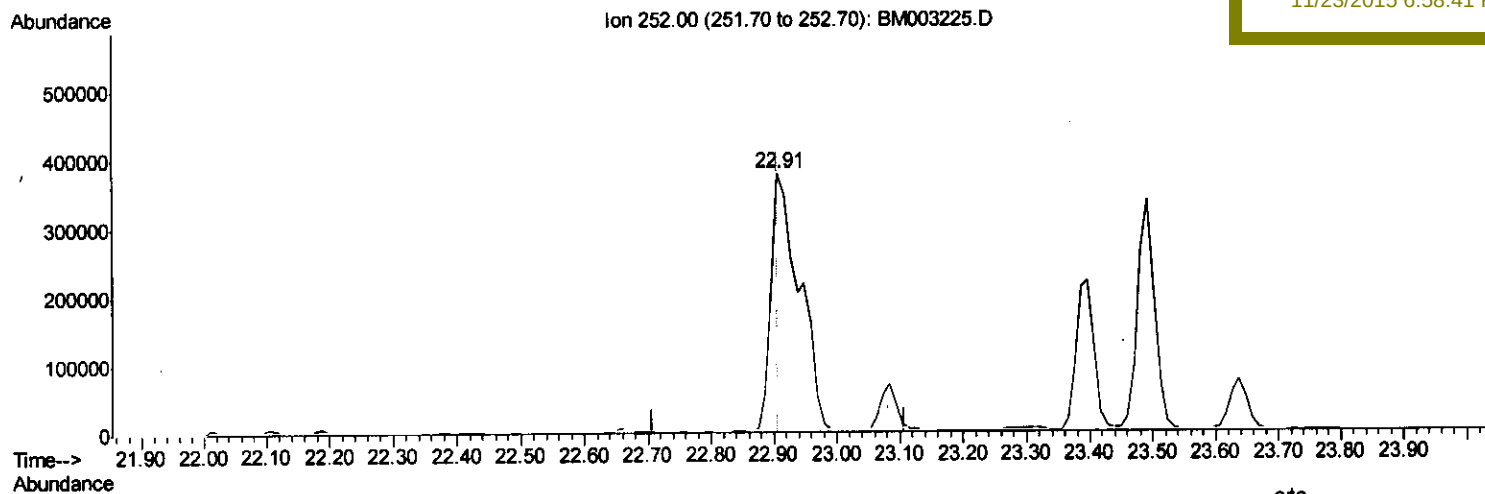
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(23) Benzo(b)fluoranthene

22.907min (-0.000) 5.53ng/ul

response 1190989

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.70 | 22.34 |
| 125.00 | 14.40 | 13.78 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

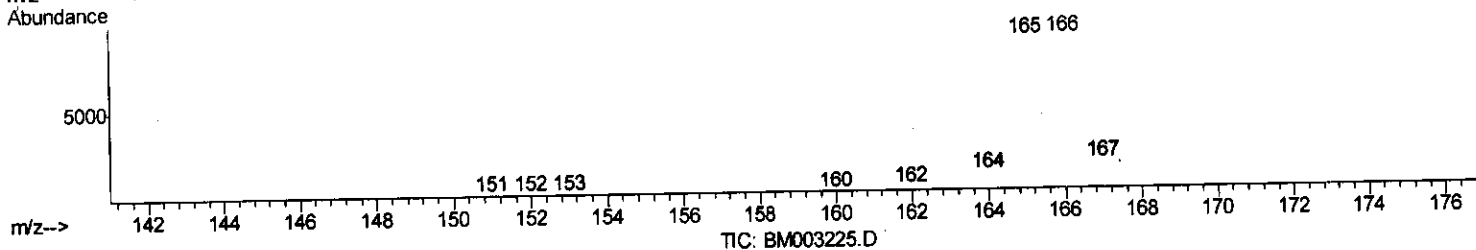
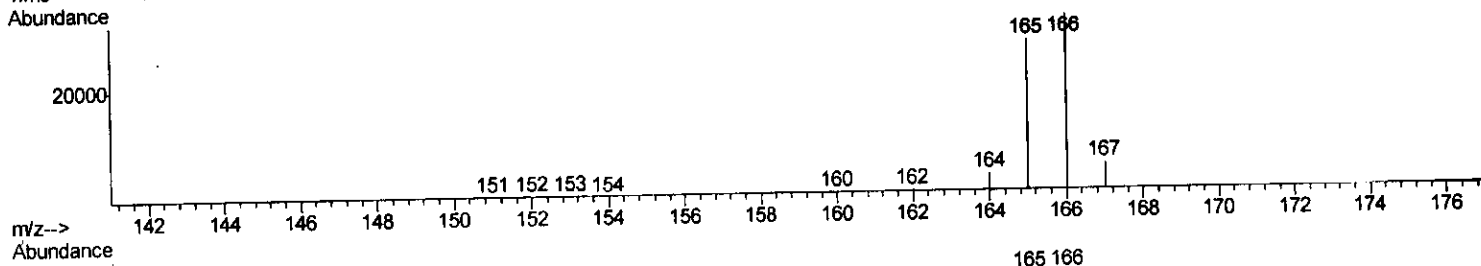
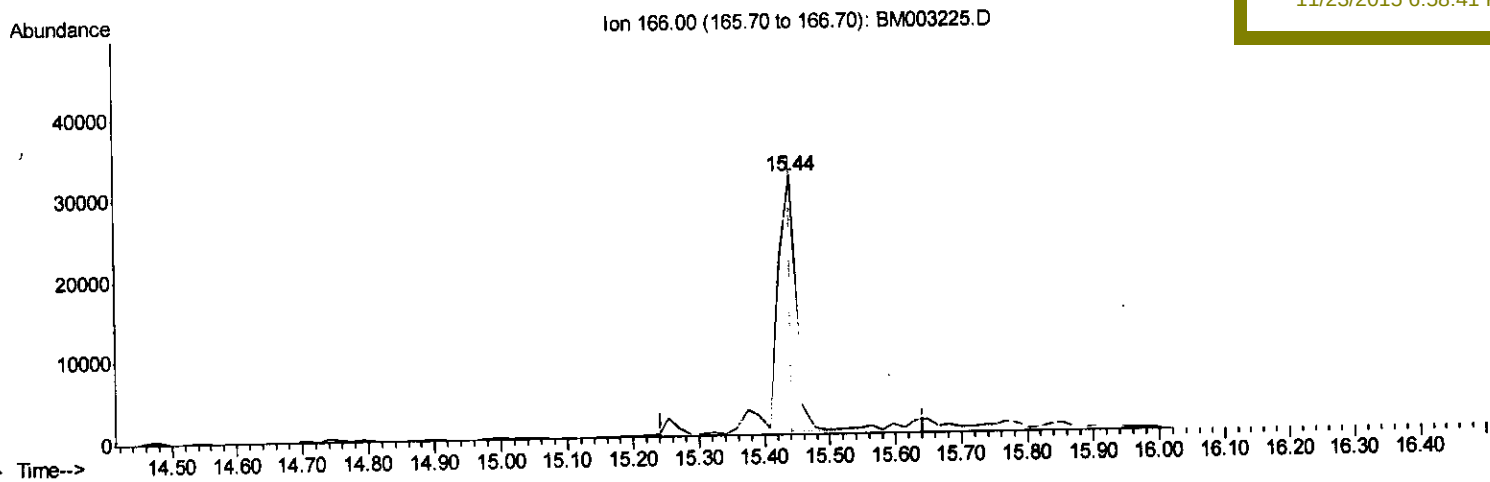
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(11) Fluorene

15.442min (-0.000) 0.55ng/ul m

response 58797

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 166.00 | 100   | 100   |
| 165.00 | 87.00 | 85.81 |
| 167.00 | 14.90 | 15.85 |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

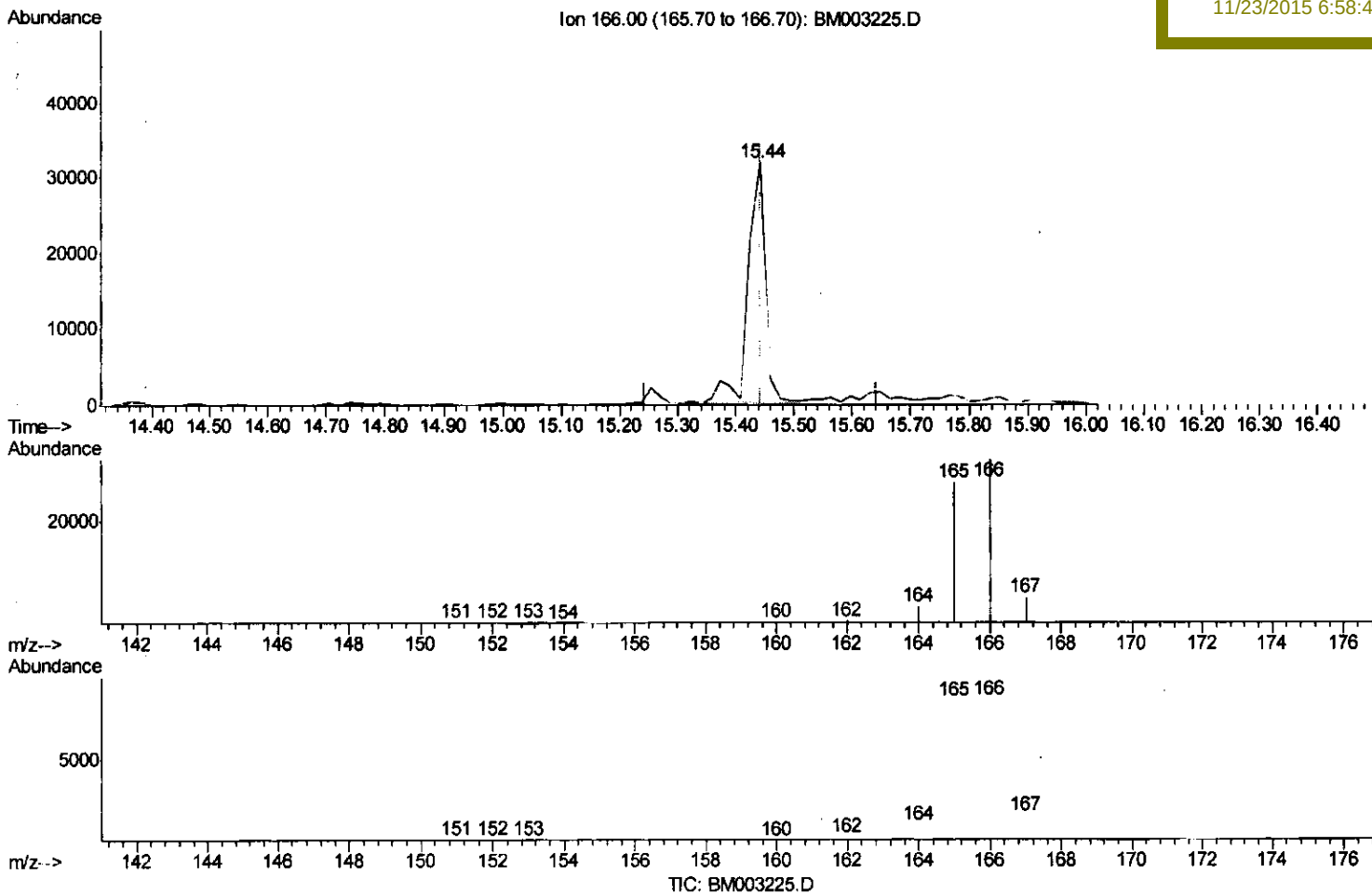
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(11) Fluorene

15.442min (-0.000) 0.61ng/ul

response 65293

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 166.00 | 100   | 100   |
| 165.00 | 87.00 | 85.81 |
| 167.00 | 14.90 | 15.85 |
| 0.00   | 0.00  | 0.00  |

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