

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE111115\  
 Data File : BE091144.D  
 Acq On : 12 Nov 2015 14:37  
 Operator : UM/NP  
 Sample : G4322-18  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A4HS9

Quant Time: Nov 13 17:09:58 2015  
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Manual Integrations  
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| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 3522     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 9.57  | 136  | 19470    | 0.40 | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 13.40 | 164  | 11788    | 0.40 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.12 | 188  | 28893m   | 0.40 | ng/ul  | -0.01    |
| 18) Chrysene-d12            | 20.29 | 240  | 38540    | 0.40 | ng/ul  | 0.00     |
| 22) Perylene-d12            | 22.19 | 264  | 42234    | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 2) 1,4-Dioxane-d8           | 2.92  | 96   | 8573     | 3.38 | ng/uL  | -0.03    |
| 6) 2-Methylnaphthalene-d10  | 11.07 | 152  | 3040     | 0.11 | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 18.12 | 212  | 8104     | 0.10 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
|                             |       |      |          |      |        | Qvalue   |
| 9) Acenaphthylene           | 13.14 | 152  | 2872     | 0.05 | ng/ul  | 97       |
| 11) Fluorene                | 14.45 | 166  | 1554     | 0.03 | ng/ul# | 89       |
| 14) Phenanthrene            | 16.16 | 178  | 144497   | 0.43 | ng/ul  | 98       |
| 15) Anthracene              | 16.25 | 178  | 31424m   | 0.10 | ng/ul  |          |
| 17) Fluoranthene            | 18.15 | 202  | 296925   | 0.76 | ng/ul  | 90       |
| 19) Pyrene                  | 18.53 | 202  | 257981   | 0.59 | ng/ul# | 79       |
| 20) Benzo(a)anthracene      | 20.26 | 228  | 29616    | 0.30 | ng/ul  | 97       |
| 21) Chrysene                | 20.31 | 228  | 37590    | 0.33 | ng/ul  | 98       |
| 23) Benzo(b)fluoranthene    | 21.62 | 252  | 30413    | 0.23 | ng/ul  | 95       |
| 24) Benzo(k)fluoranthene    | 21.65 | 252  | 28332    | 0.21 | ng/ul  | 95       |
| 25) Benzo(a)pyrene          | 22.09 | 252  | 30967    | 0.25 | ng/ul  | 95       |
| 26) Indeno(1,2,3-cd)pyrene  | 23.83 | 276  | 84655m   | 0.17 | ng/ul  |          |
| 27) Dibenzo(a,h)anthracene  | 23.79 | 278  | 5418     | 0.04 | ng/ul# | 70       |
| 28) Benzo(g,h,i)perylene    | 24.39 | 276  | 73246    | 0.14 | ng/ul  | 97       |

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

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# Quantitation Report (Qedit)

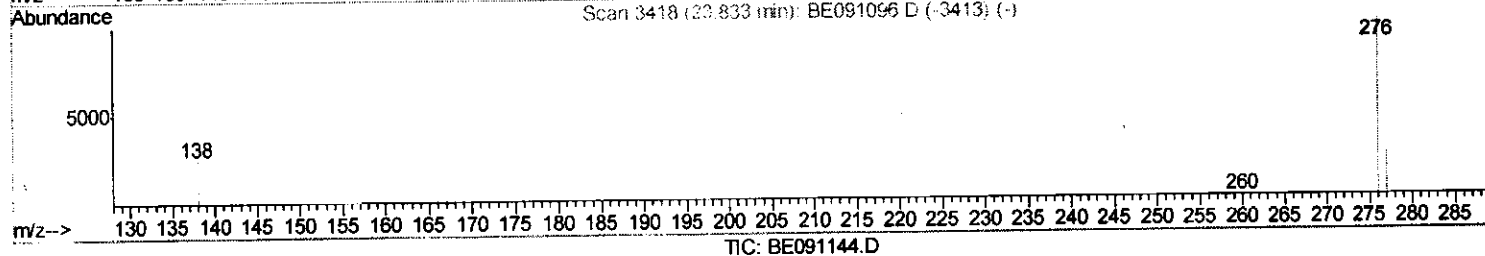
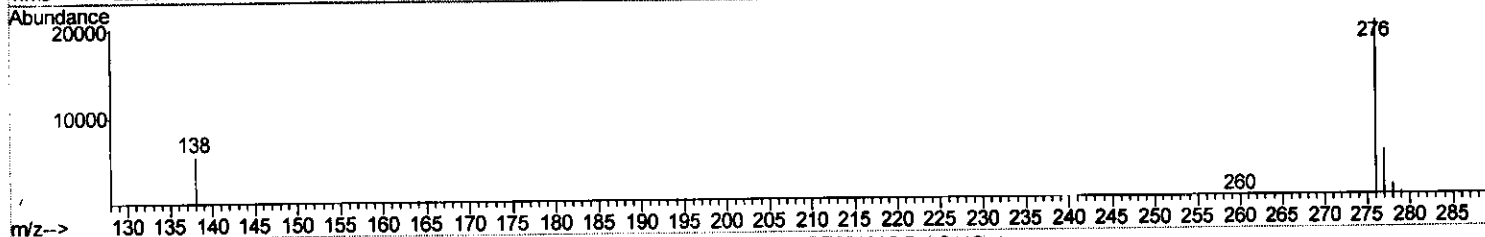
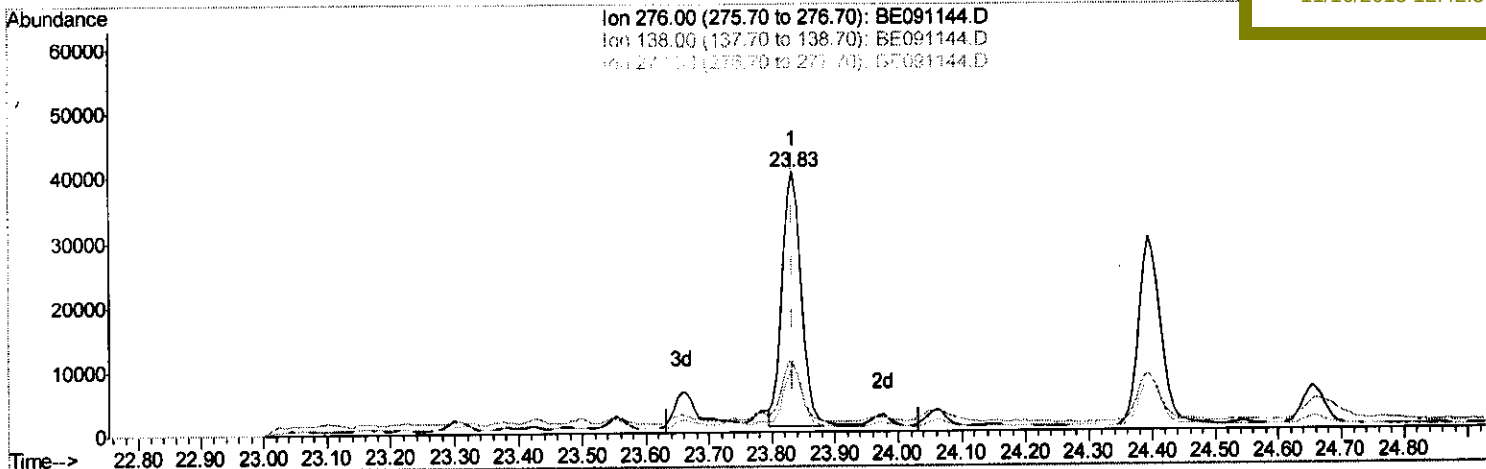
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(26) Indeno(1,2,3-cd)pyrene

23.833min (-0.001) 0.17ng/ul m

response 84655

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 34.40 | 24.62# |
| 277.00 | 24.10 | 25.83  |
| 0.00   | 0.00  | 0.00   |

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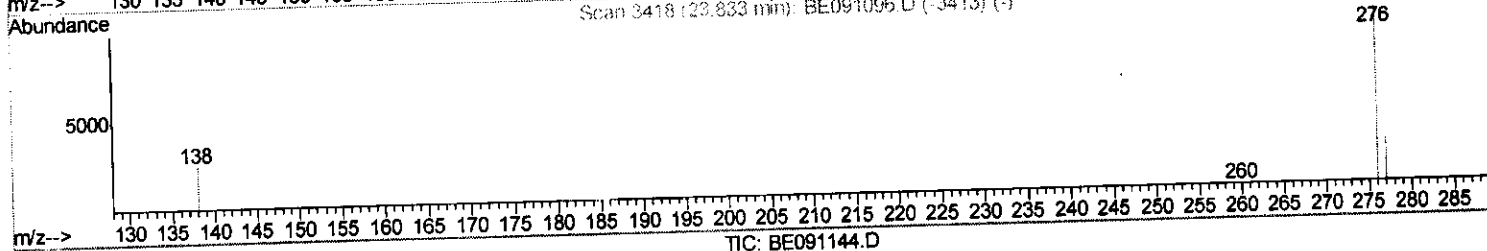
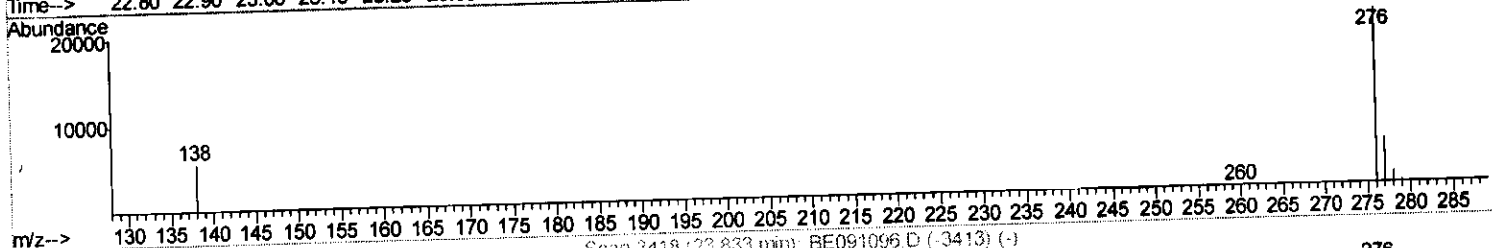
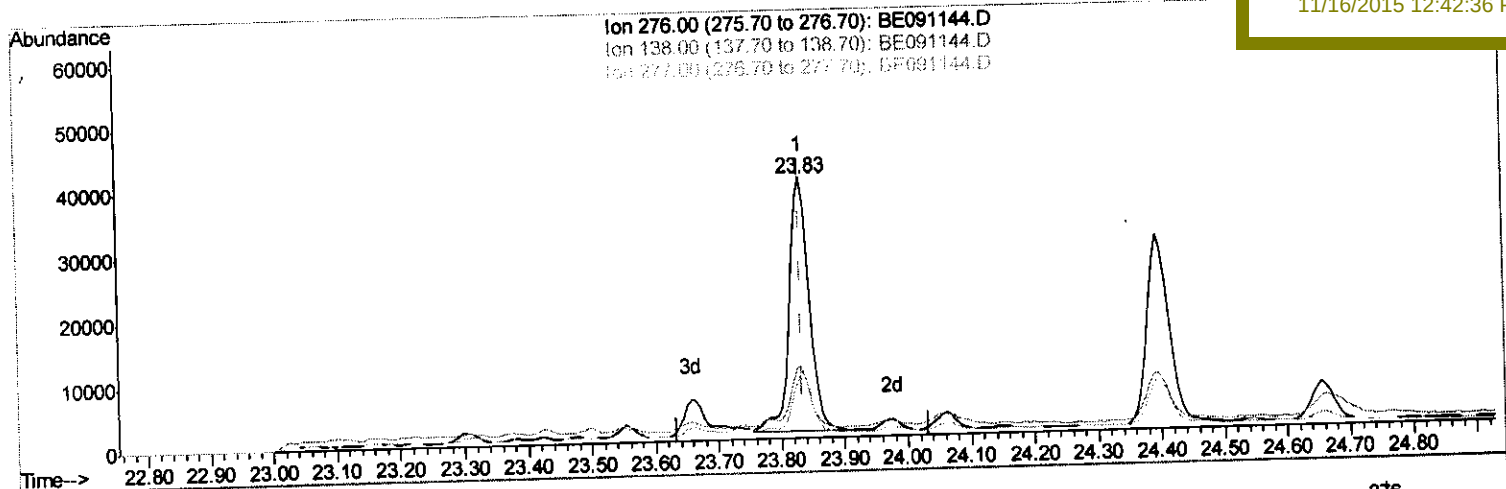
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(26) Indeno(1,2,3-cd)pyrene

23.833min (-0.001) 0.17ng/ul

response 88420

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 34.40 | 23.57# |
| 277.00 | 24.10 | 24.73  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

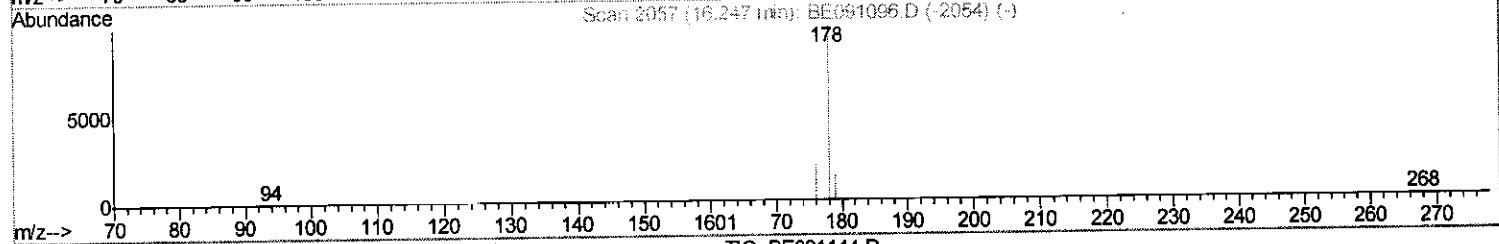
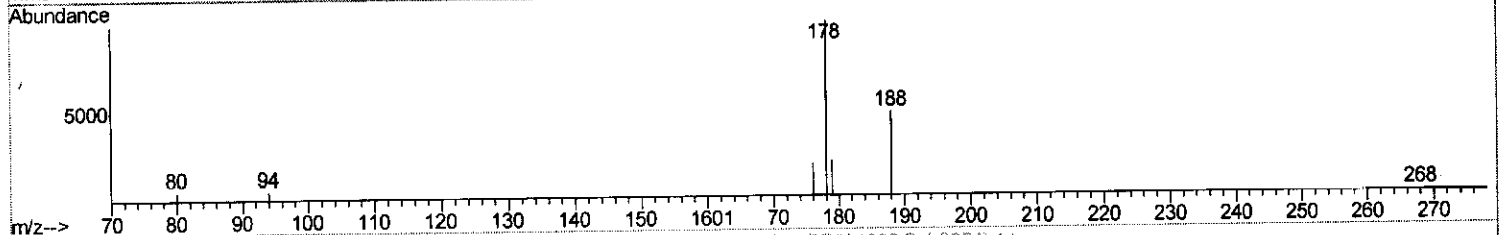
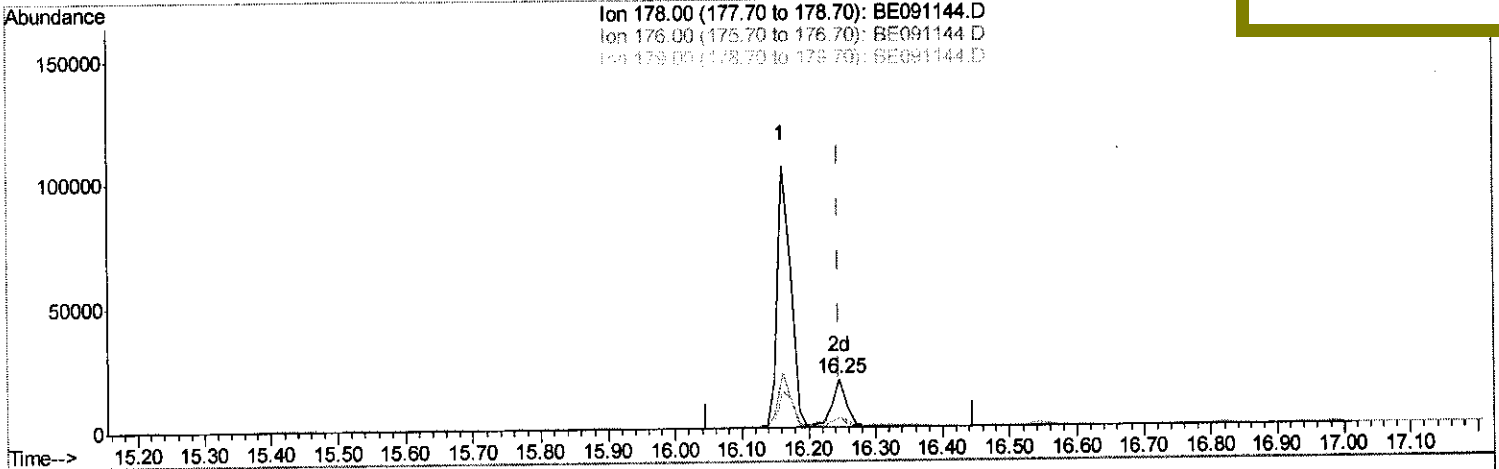
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TIC: BE091144.D

(15) Anthracene

16.246min (-0.000) 0.10ng/ul m

response 31424

Ion Exp% Act%

178.00 100 100

176.00 19.80 18.84

179.00 16.60 20.35#

0.00 0.00 0.00

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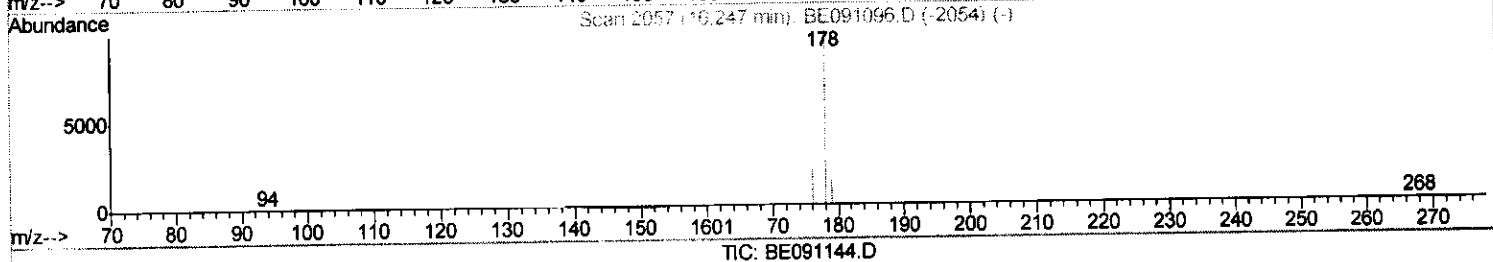
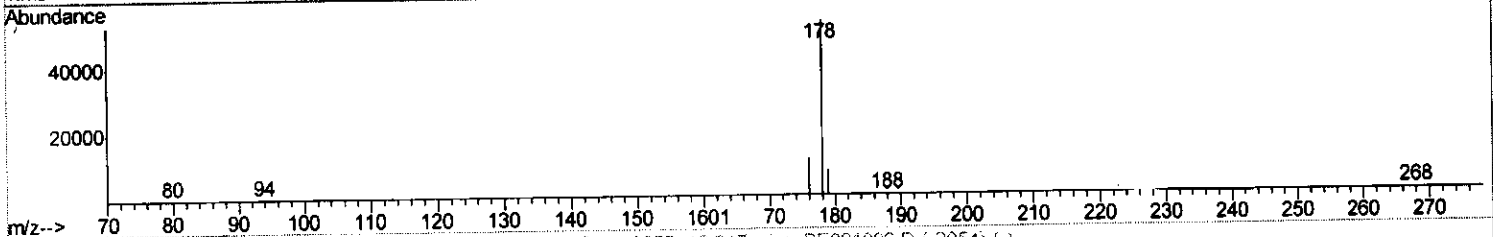
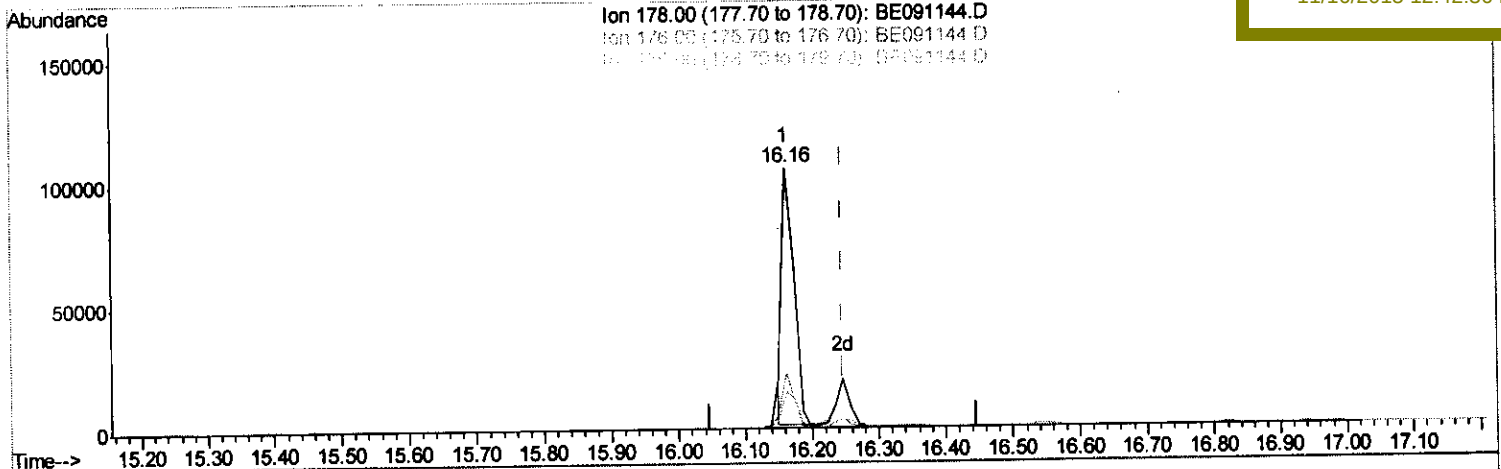
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(15) Anthracene

16.161min (-0.085) 0.42ng/ul

response 126890

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 176.00 | 19.80 | 20.92 |
| 179.00 | 16.60 | 14.33 |
| 0.00   | 0.00  | 0.00  |

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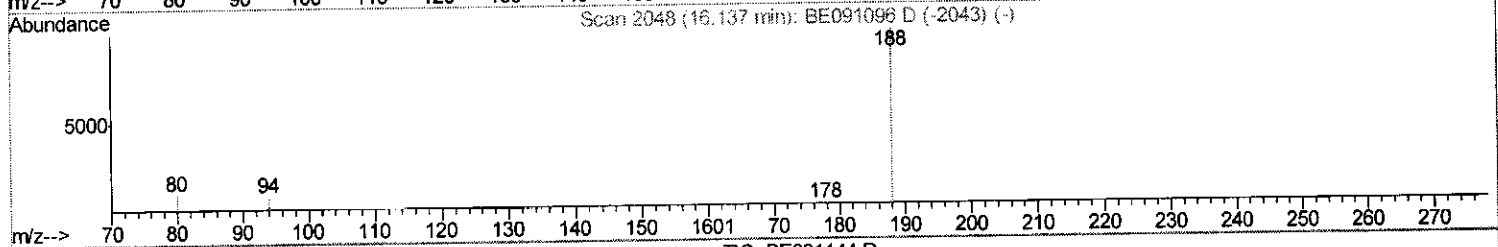
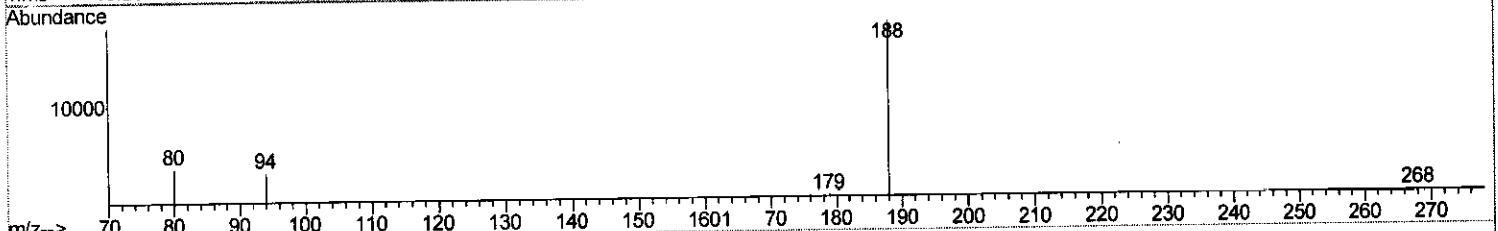
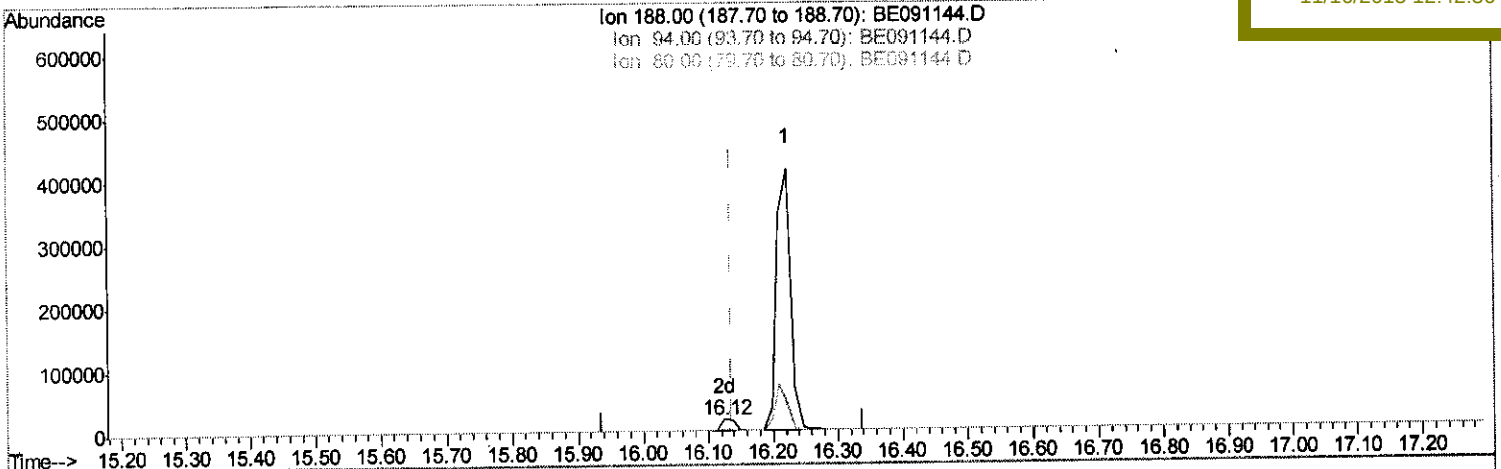
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TIC: BE091144.D

(12) Phenanthrene-d10 (I)

16.125min (-0.012) 0.40ng/ul m

response 28893

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 188.00 | 100  | 100    |
| 94.00  | 9.00 | 16.73# |
| 80.00  | 8.90 | 19.45# |
| 0.00   | 0.00 | 0.00   |

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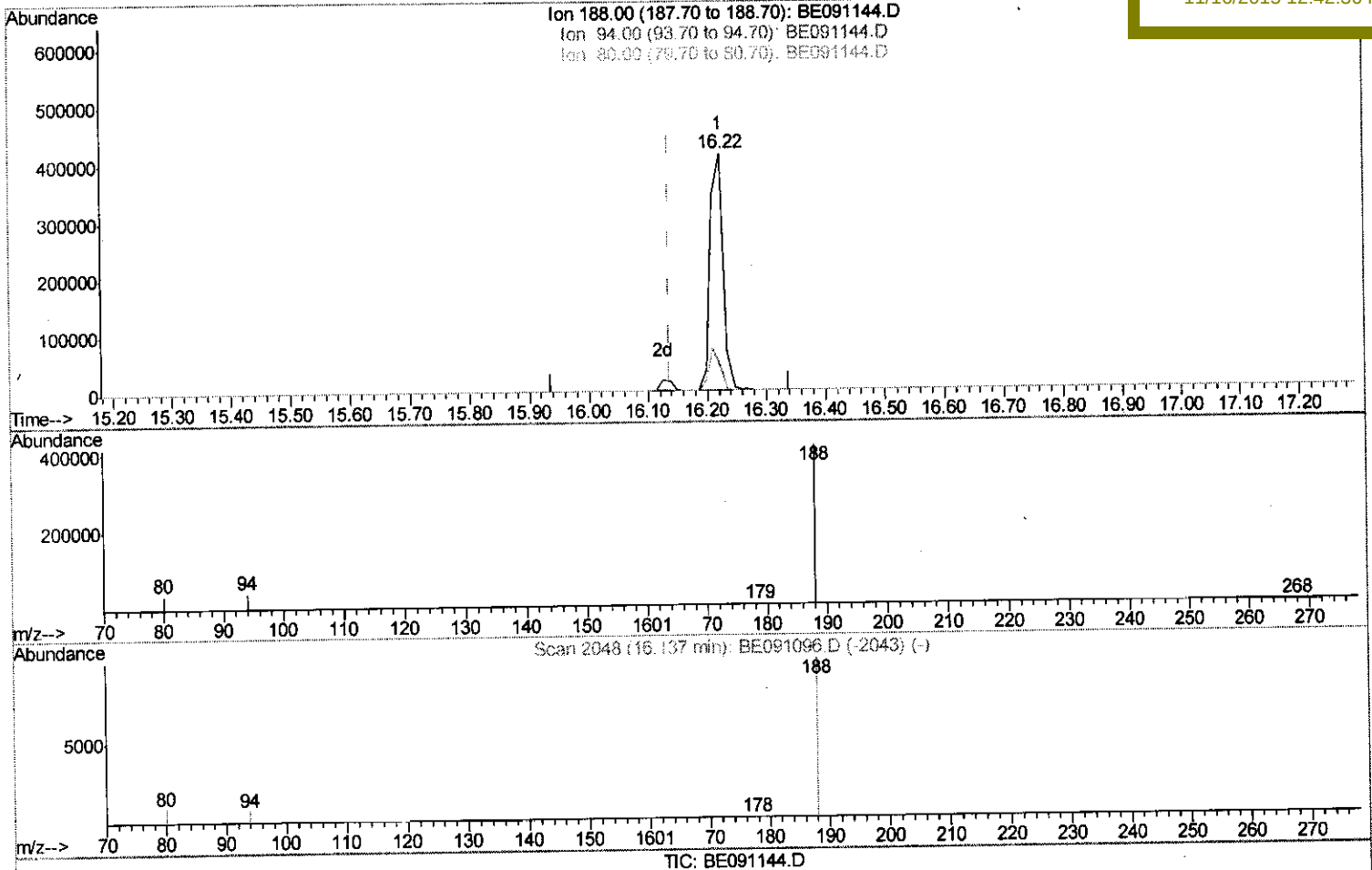
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(12) Phenanthrene-d10 (I)

16.222min (+0.085) 0.40ng/ul

response 633733

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 9.00 | 9.82 |
| 80.00  | 8.90 | 8.58 |
| 0.00   | 0.00 | 0.00 |

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