

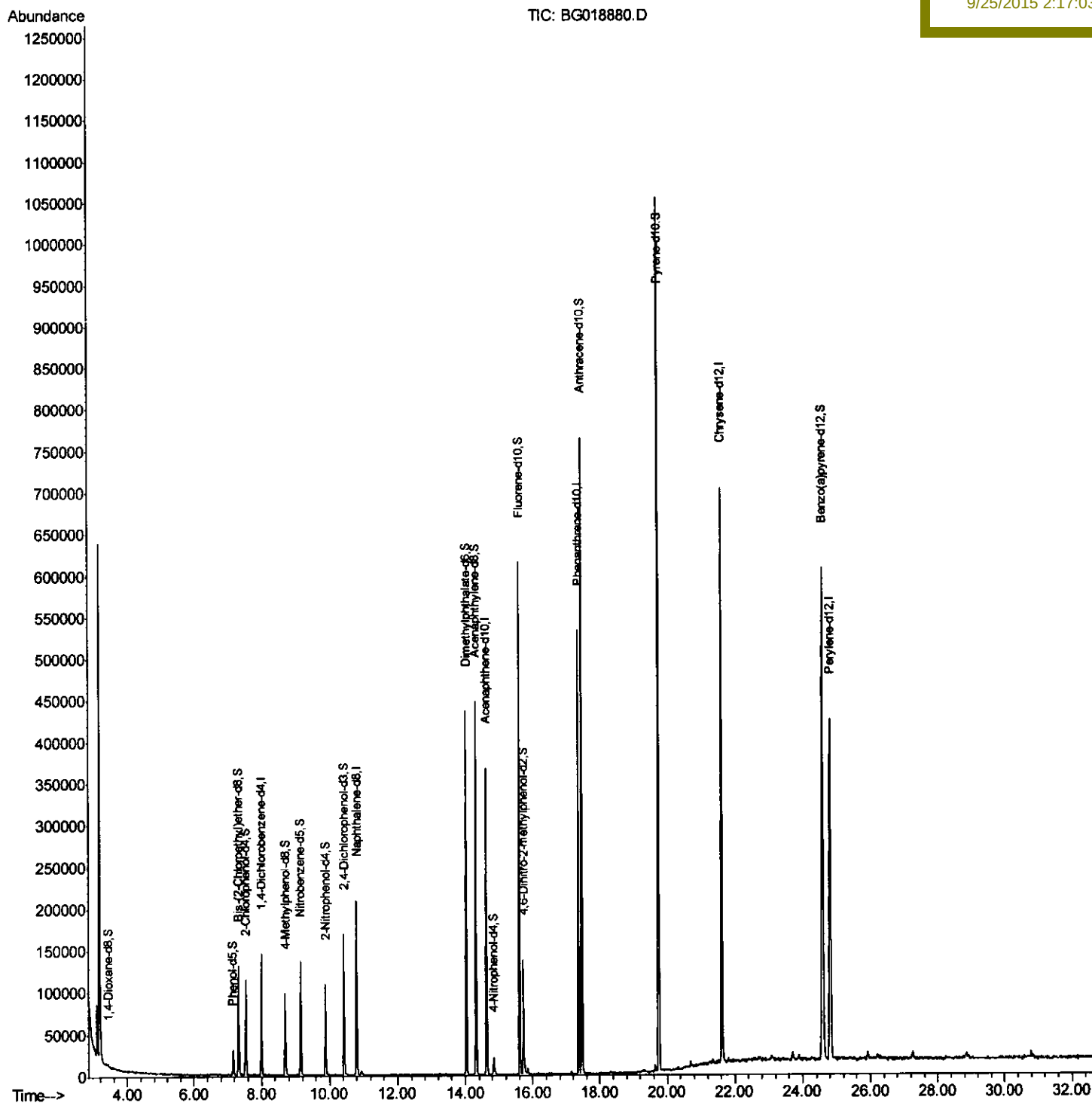
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG092415\  
Data File : BG018880.D  
Acq On : 24 Sep 2015 22:39  
Operator : TP  
Sample : G3780-12  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 25 07:39:42 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG091015.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Sep 25 04:02:29 2015  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
C0GG5

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 46322    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.80 | 136  | 191212   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.62 | 164  | 127907   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.37 | 188  | 343098m  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.62 | 240  | 409697   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.81 | 264  | 423942   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.43  | 96  | 1154   | 1.20  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.16  | 99  | 20021  | 5.26  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.32  | 67  | 56962  | 25.84 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.53  | 132 | 60685  | 21.06 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.70  | 113 | 39832  | 12.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.15  | 128 | 40346  | 27.85 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.88  | 143 | 44626  | 30.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.42 | 165 | 75420  | 24.59 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.94 | 131 | 3346   | 0.94  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.03 | 166 | 319763 | 31.06 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.32 | 160 | 339489 | 27.83 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.83 | 143 | 9253   | 4.68  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.61 | 176 | 274832 | 30.53 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 41028m | 25.26 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.46 | 188 | 474546 | 31.42 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.75 | 212 | 569215 | 30.20 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.59 | 264 | 640447 | 31.04 | ng/ul | 0.00 |

Target Compounds Qvalue

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

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# Quantitation Report (Qedit)

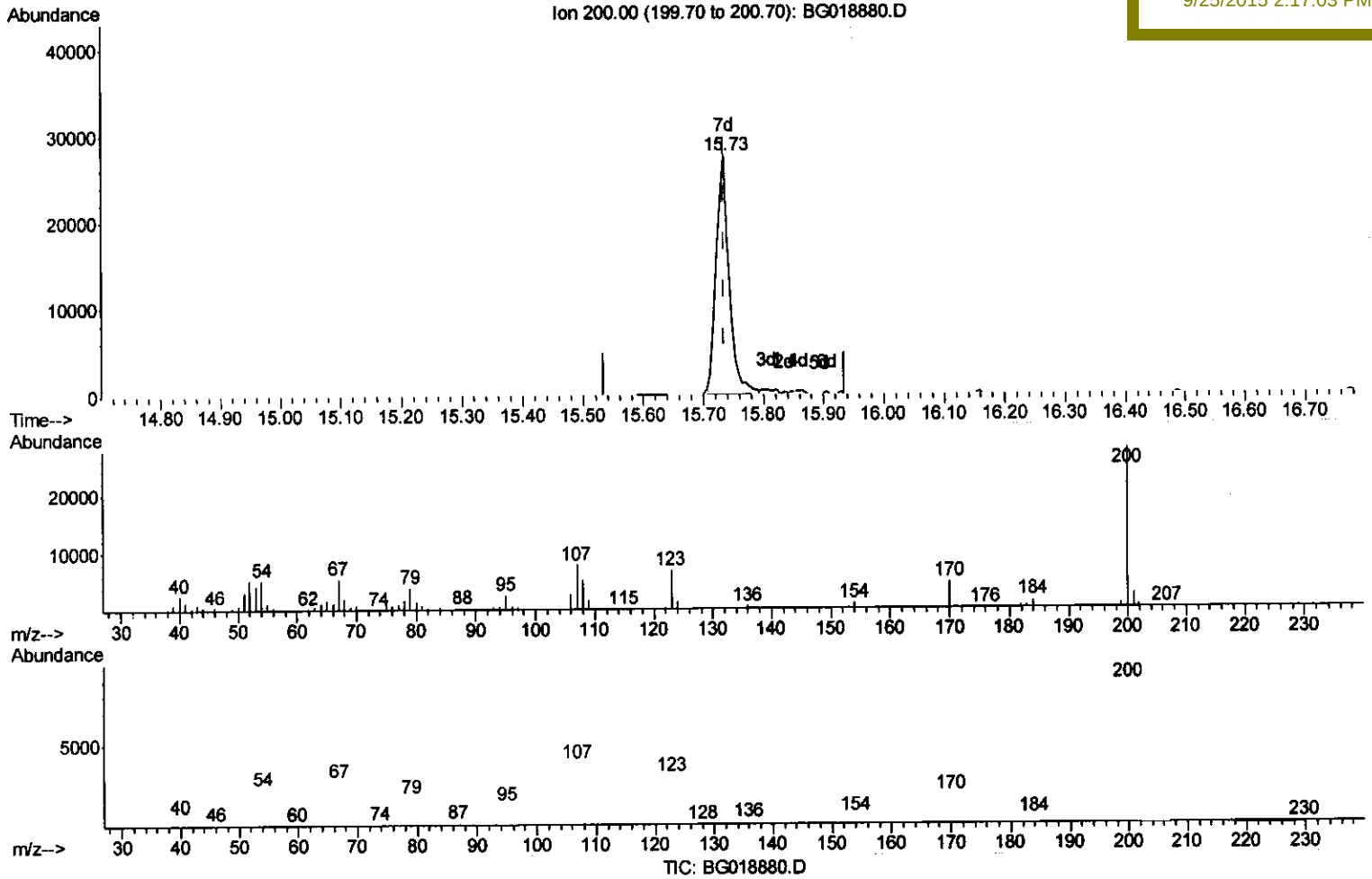
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 QLast Update : Fri Sep 25 04:02:29 2015  
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(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.735min (-0.000) 25.26ng/ul m

response 41028

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 20.00 | 16.94  |
| 52.00  | 44.70 | 19.01# |
| 0.00   | 0.00  | 0.00   |

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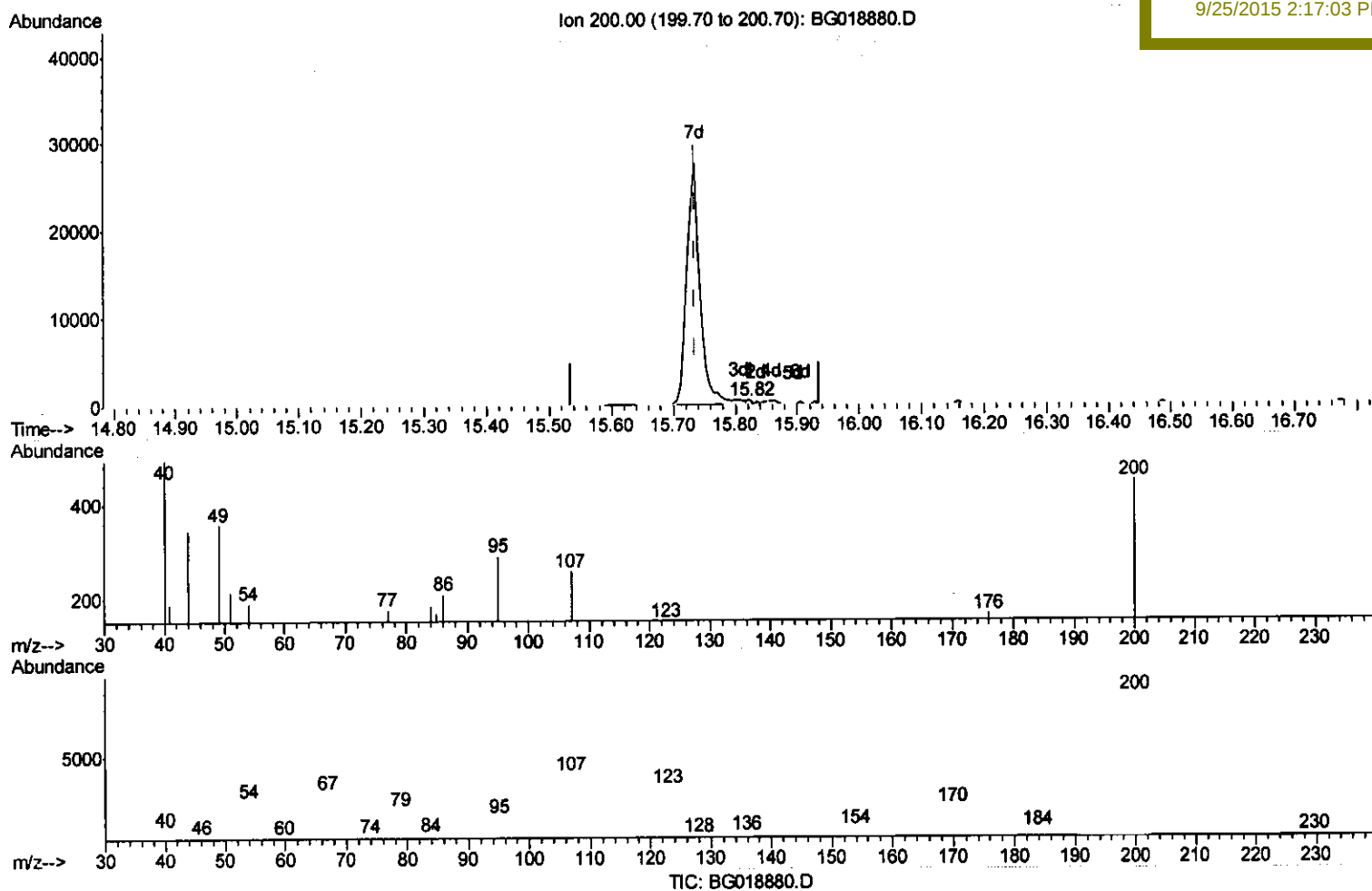
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(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.823min (+0.088) 0.10ng/ul

response 158

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 200.00 | 100   | 100   |
| 170.00 | 20.00 | 0.00# |
| 52.00  | 44.70 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

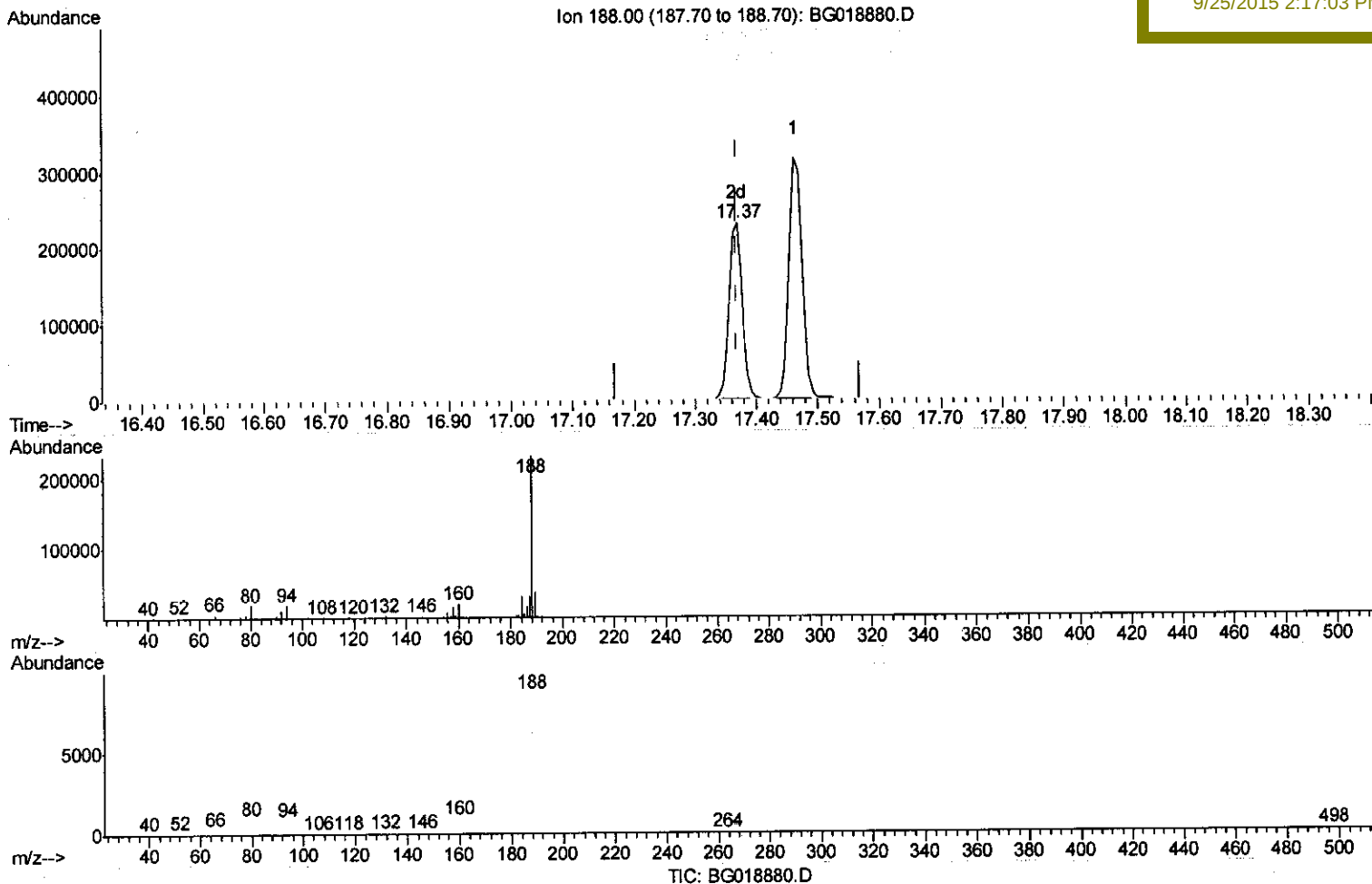
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(62) Phenanthrene-d10 (I)

17.368min (-0.000) 20.00ng/ul m

response 343098

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 9.40  | 8.24  |
| 80.00  | 10.30 | 8.11# |
| 0.00   | 0.00  | 0.00  |

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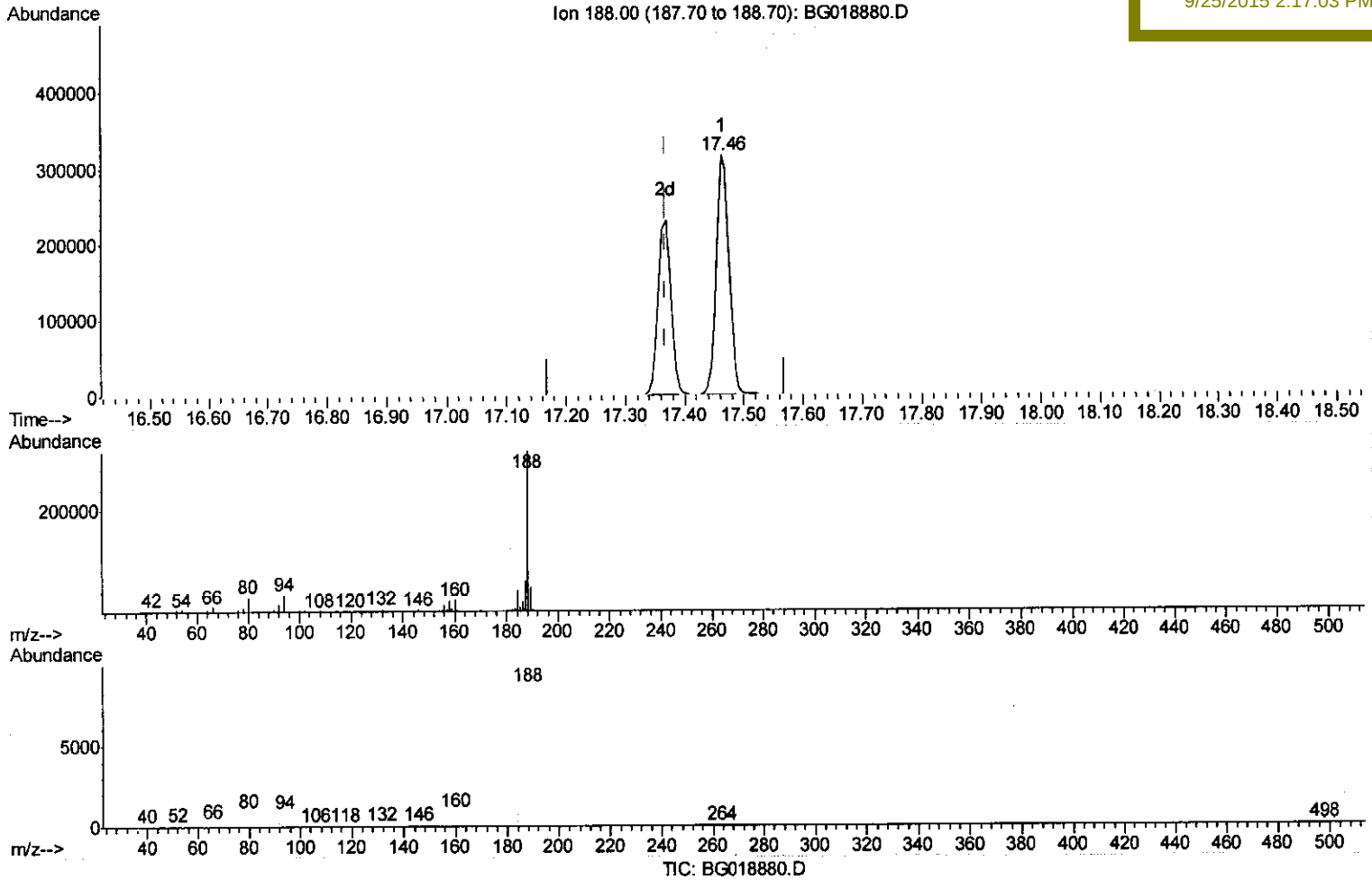
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Instrument :  
 BNA\_G  
 ClientSampleId :  
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Manual Integrations  
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(62) Phenanthrene-d10 (I)

17.462min (+0.094) 20.00ng/ul

response 473732

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 9.40  | 10.63 |
| 80.00  | 10.30 | 8.97  |
| 0.00   | 0.00  | 0.00  |