

# Quantitation Report (QT Reviewed)

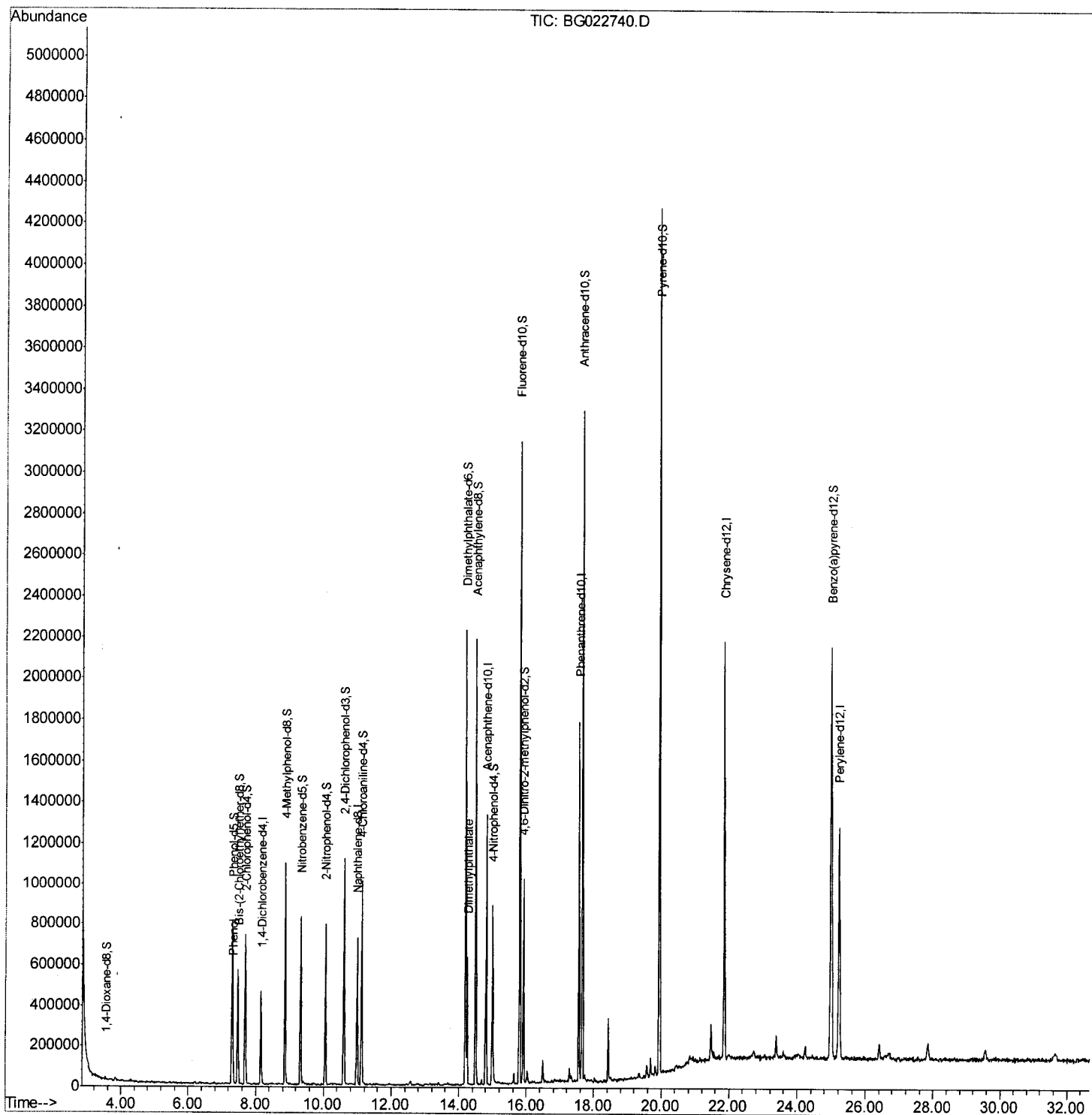
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG063016\  
 Data File : BG022740.D  
 Acq On : 30 Jun 2016 23:40  
 Operator : UM/SJ  
 Sample : H3759-12  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDHP2

Manual Integration

Quant Time: Jul 01 04:49:52 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 01 03:35:17 2016  
 Response via : Initial Calibration

APPROVED  
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# Quantitation Report (Qedit)

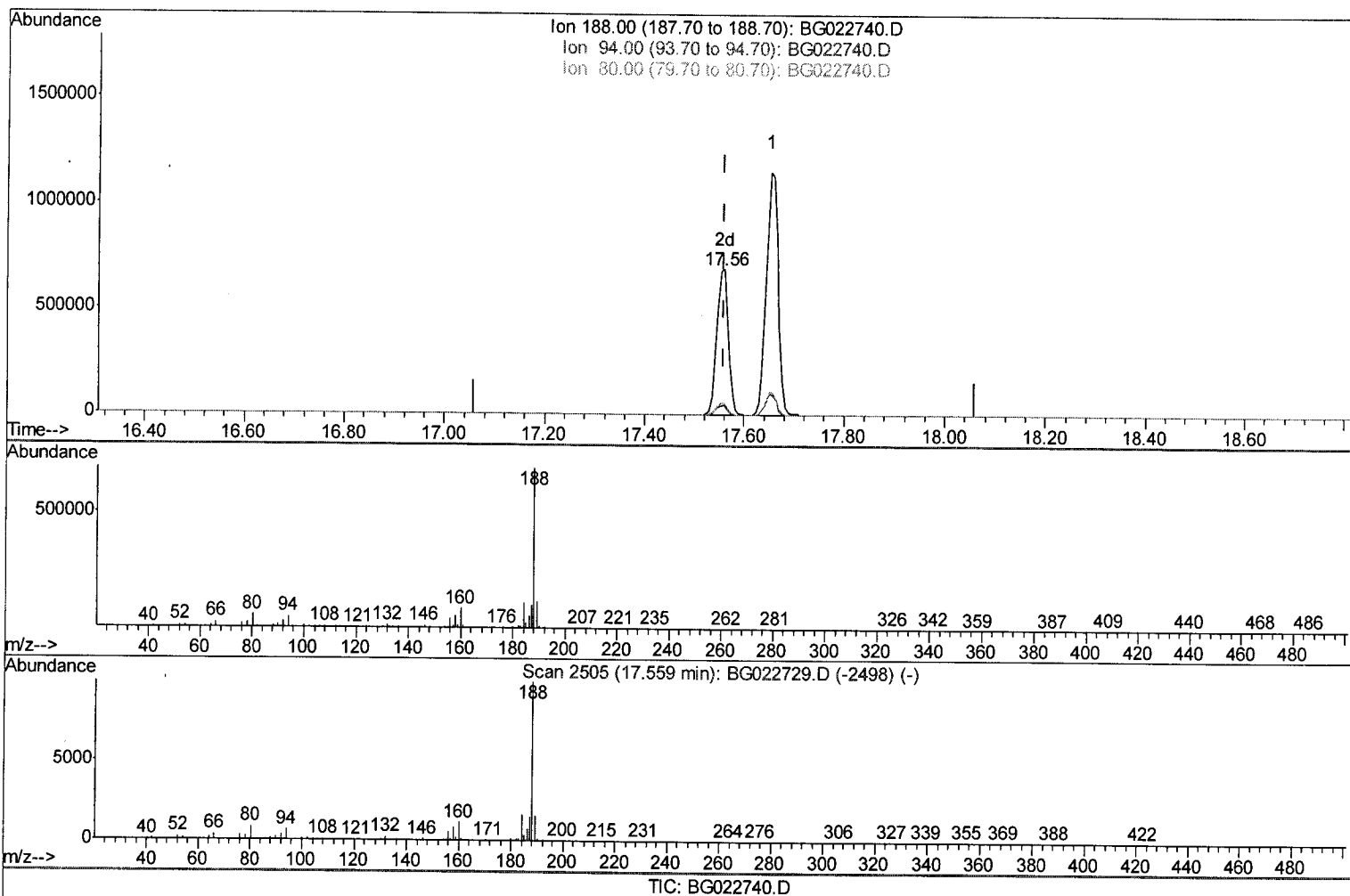
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Manual Integration

Quant Time: Jul 01 03:38:15 2016  
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(61) Phenanthrene-d10 (I)

17.559min (-0.001) 20.00ng/ul m

response 1096231

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.30 | 6.94# |
| 80.00  | 10.90 | 8.07# |
| 0.00   | 0.00  | 0.00  |

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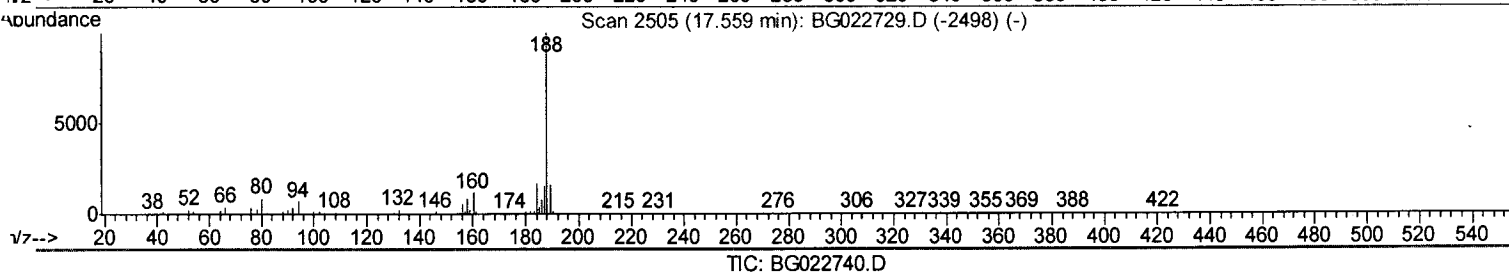
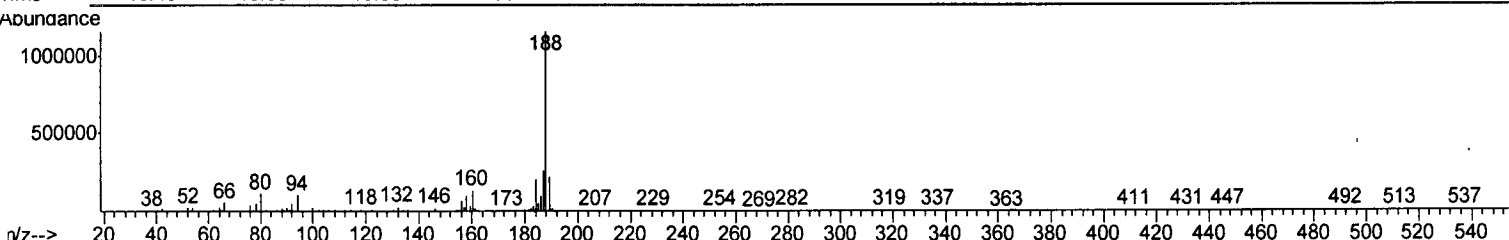
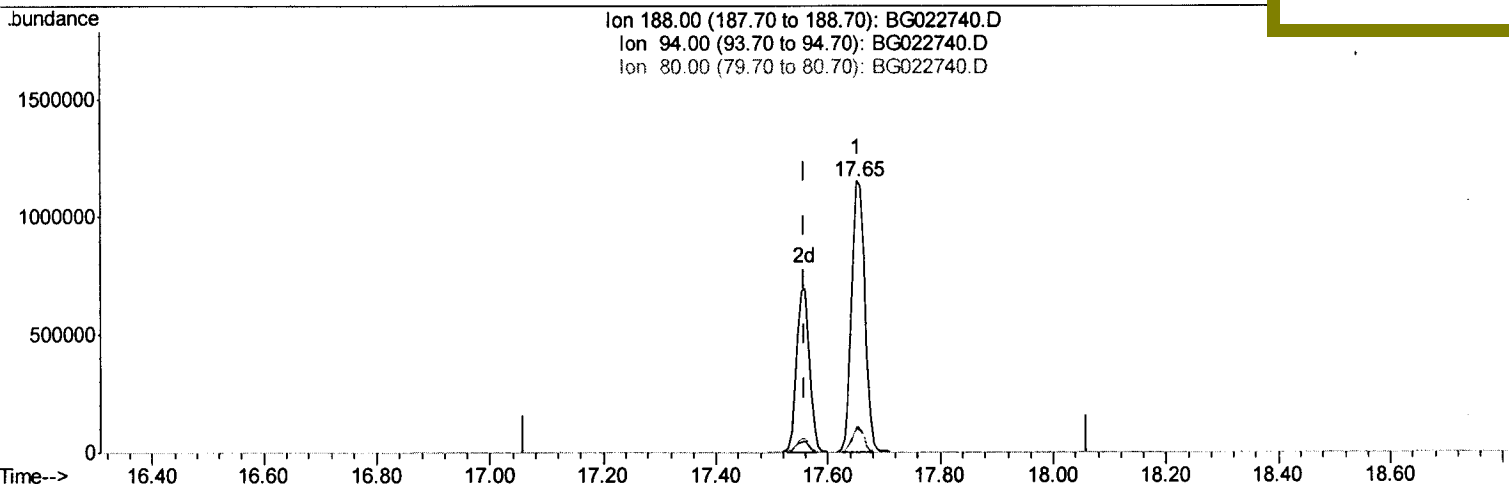
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(61) Phenanthrene-d10 (I)

17.653min (+0.093) 20.00ng/ul

response 1907231

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 188.00 | 100   | 100  |
| 94.00  | 10.30 | 8.87 |
| 80.00  | 10.90 | 9.46 |
| 0.00   | 0.00  | 0.00 |

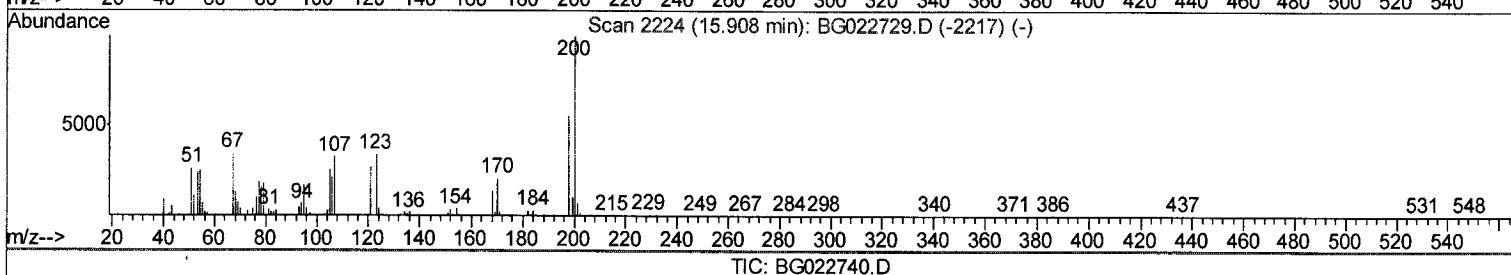
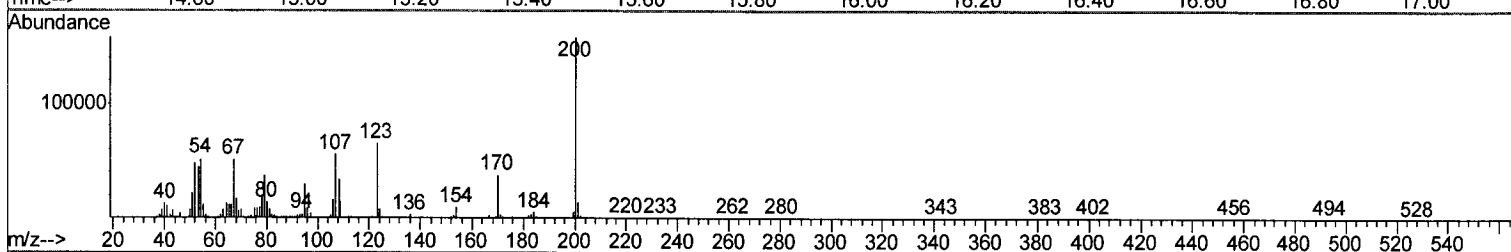
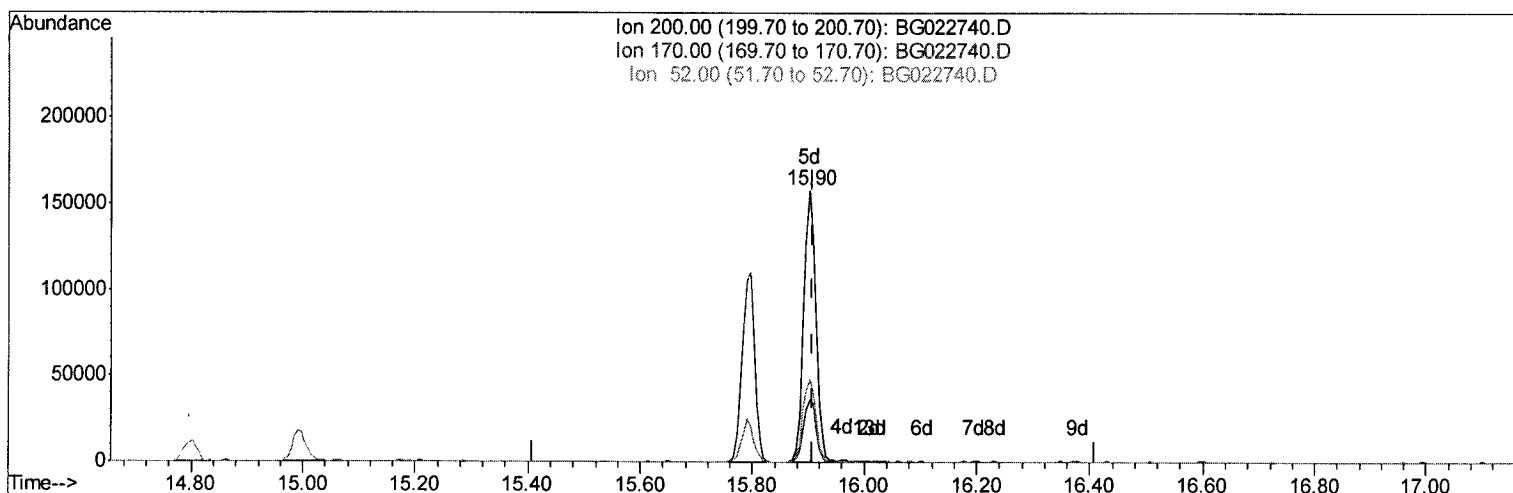
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Operator : UM/SJ  
Sample : H3759-12  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
BDHP2

## Manual Integration

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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.902min (-0.006) 33.44ng/ul m

response 235746

| Ion | Exp% | Act% |
|-----|------|------|
|-----|------|------|

|        |     |     |
|--------|-----|-----|
| 200.00 | 100 | 100 |
|--------|-----|-----|

170.00      15.20      23.40#

52.00      32.20      30.48

|      |      |      |
|------|------|------|
| 0.00 | 0.00 | 0.00 |
|------|------|------|

# Quantitation Report (Qedit)

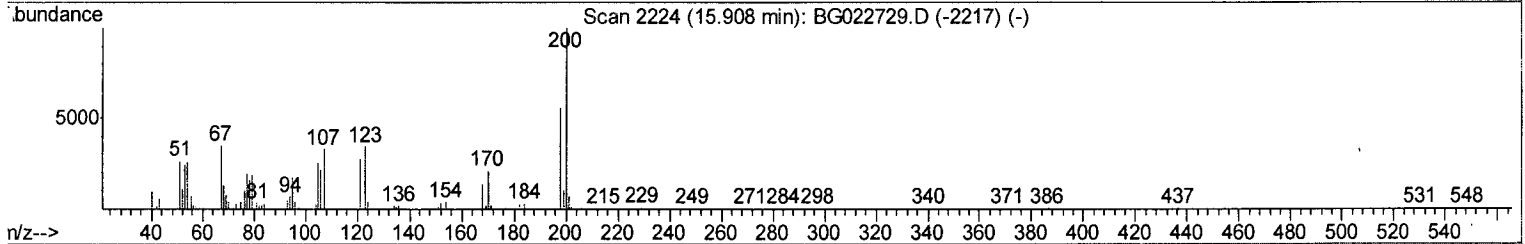
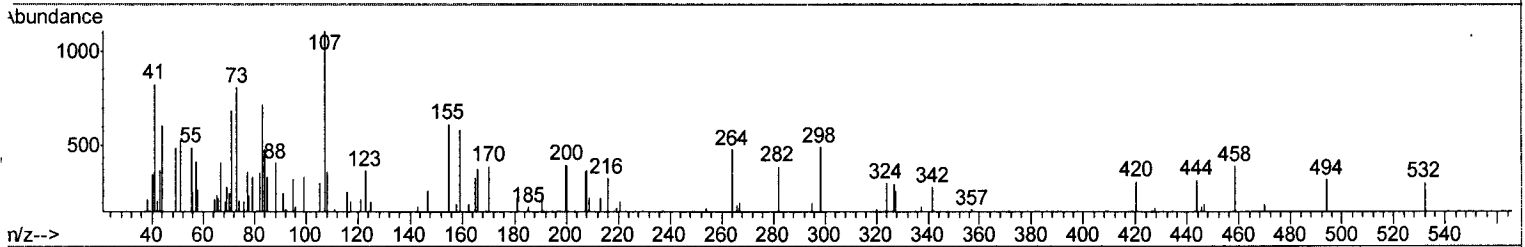
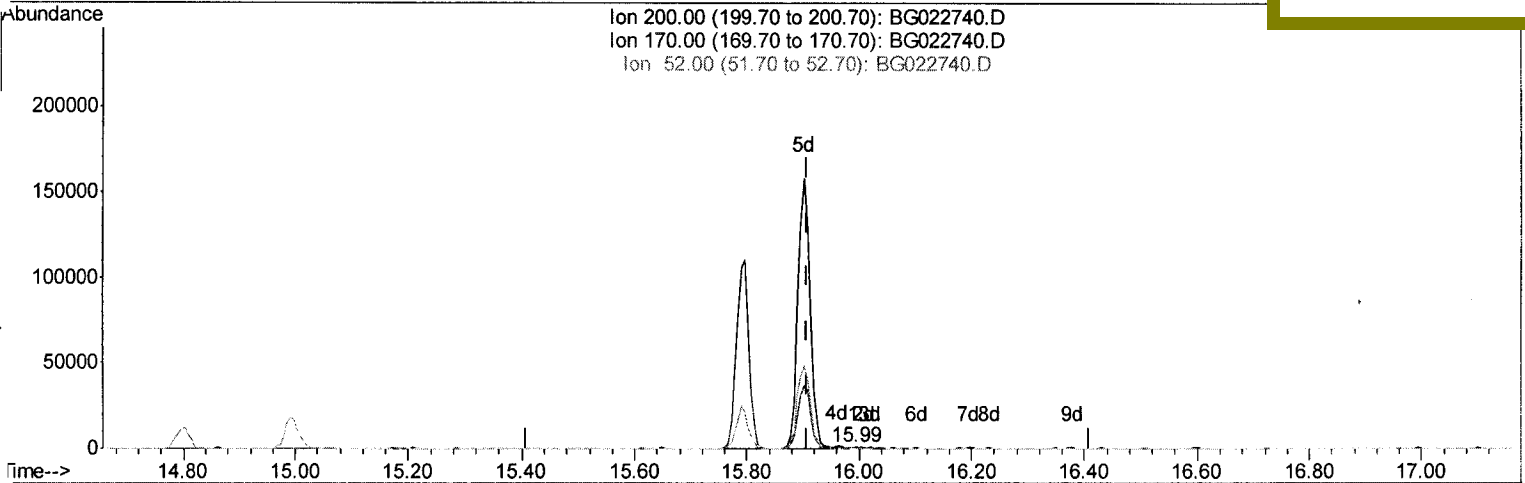
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Instrument :  
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TIC: BG022740.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.990min (+0.082) 0.06ng/ui

response 456

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 15.20 | 49.25# |
| 52.00  | 32.20 | 0.00#  |
| 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 | 8.16  | 152  | 129867   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.98 | 136  | 576383   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.80 | 164  | 460385   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.56 | 188  | 1096231m | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 1259049  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.22 | 264  | 1276750  | 20.00 | ng/ul | 0.00     |

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## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.55  | 96  | 6828    | 2.94  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.31  | 99  | 489217  | 35.81 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.48  | 67  | 290591  | 37.72 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.69  | 132 | 327826  | 35.93 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 378152  | 35.64 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.33  | 128 | 172993  | 37.64 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.06 | 143 | 208648  | 37.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.60 | 165 | 405128  | 34.95 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.12 | 131 | 496775  | 50.61 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.20 | 166 | 1410021 | 37.70 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.50 | 160 | 1592964 | 37.16 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.99 | 143 | 193922  | 33.02 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.80 | 176 | 1334277 | 37.65 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 235746m | 33.44 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.65 | 188 | 1907231 | 37.43 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.94 | 212 | 2242548 | 37.28 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.99 | 264 | 2350016 | 38.74 | ng/ul | 0.00 |

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## Target Compounds

|                       |       |     |        |       |        | Qvalue |
|-----------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol             | 7.33  | 94  | 19204  | 1.37  | ng/ul# | 54     |
| 44) Dimethylphthalate | 14.24 | 163 | 387665 | 10.15 | ng/ul# | 95     |

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