

# Quantitation Report (Qedit)

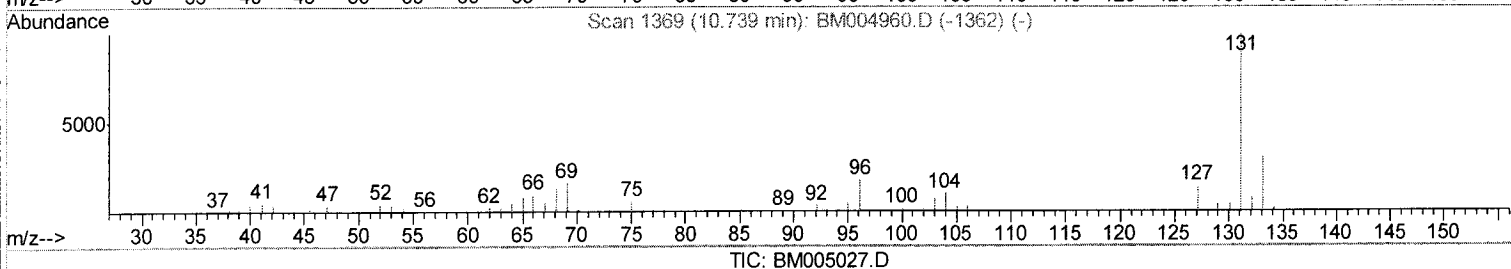
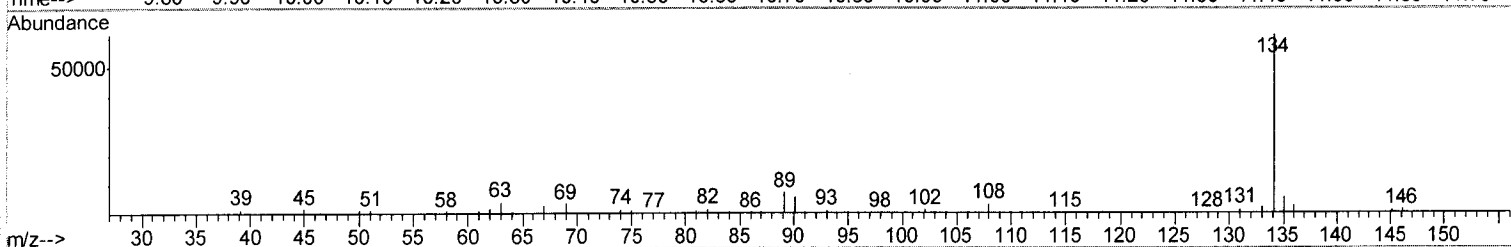
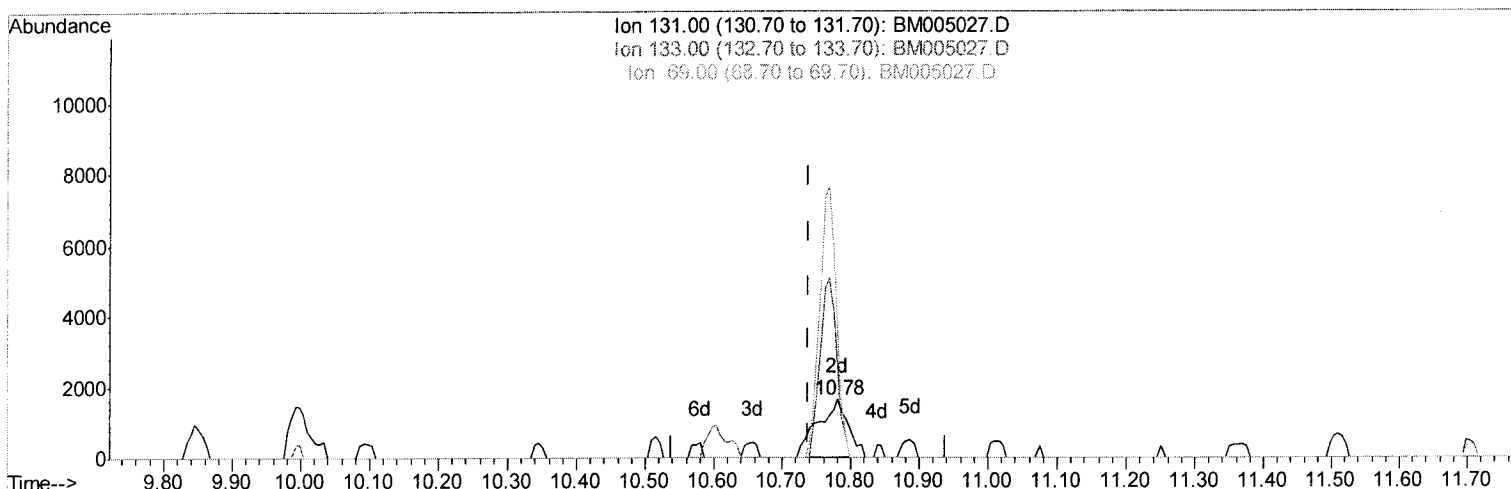
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM042016\  
 Data File : BM005027.D  
 Acq On : 21 Apr 2016 16:49  
 Operator : UM/SJ  
 Sample : H2567-15DL 10X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 BC7Z1DL

Manual Integrations  
 APPROVED

UMANGI  
 4/21/2016 8:12:33 PM

Quant Time: Apr 21 18:17:52 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM041416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 15 22:59:24 2016  
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.780min (+0.041) 1.66ng/ul m

response 4963

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 131.00 | 100   | 100     |
| 133.00 | 32.10 | 157.65# |
| 69.00  | 16.70 | 216.90# |
| 0.00   | 0.00  | 0.00    |

> U.M  
 84/25/16

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Quant Time: Apr 27 07:02:47 2016  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.81  | 152  | 44663    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.60 | 136  | 196200   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.44 | 164  | 110727   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 240471   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.37 | 240  | 280808   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.66 | 264  | 269275   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0      | 0.00 | ng/uL |      |
| 5) Phenol-d5                   | 6.98  | 99  | 2737   | 0.86 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.14  | 67  | 7497   | 4.10 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.34  | 132 | 8344   | 3.13 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.51  | 113 | 4849   | 1.84 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.96  | 128 | 4130   | 3.18 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.68  | 143 | 4050   | 2.77 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.22 | 165 | 8689   | 3.27 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.78 | 131 | 4963m) | 1.66 | ng/ul | 0.04 |
| 43) Dimethylphthalate-d6       | 13.85 | 166 | 32329  | 4.29 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.13 | 160 | 39128  | 4.24 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 0.00  | 143 | 0      | 0.00 | ng/ul |      |
| 57) Fluorene-d10               | 15.44 | 176 | 31096  | 4.78 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 1165   | 1.12 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.29 | 188 | 46298  | 4.85 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.58 | 212 | 50398  | 4.31 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.51 | 264 | 46193  | 4.45 | ng/ul | 0.00 |

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| Target Compounds        |       |     |         |              | Qvalue |
|-------------------------|-------|-----|---------|--------------|--------|
| 28) Naphthalene         | 10.66 | 128 | 2198353 | 251.48 ng/ul | 99     |
| 34) 2-Methylnaphthalene | 12.26 | 142 | 198942  | 31.23 ng/ul  | 99     |
| 40) 1,1'-Biphenyl       | 13.27 | 154 | 40852   | 5.14 ng/ul   | 99     |
| 47) Acenaphthylene      | 14.16 | 152 | 31135   | 3.17 ng/ul   | 98     |
| 49) Acenaphthene        | 14.51 | 153 | 109006  | 17.07 ng/ul  | 99     |
| 53) Dibenzofuran        | 14.84 | 168 | 126069  | 13.64 ng/ul  | 99     |
| 58) Fluorene            | 15.49 | 166 | 85013   | 11.96 ng/ul  | 99     |
| 69) Phenanthrene        | 17.23 | 178 | 149089  | 13.29 ng/ul  | 100    |
| 71) Anthracene          | 17.32 | 178 | 14527   | 1.28 ng/ul   | 97     |
| 72) Carbazole           | 17.59 | 167 | 157395  | 16.47 ng/ul  | 100    |
| 74) Fluoranthene        | 19.24 | 202 | 28520   | 2.47 ng/ul   | 99     |

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

Quantitation Report (LSC Reviewed)

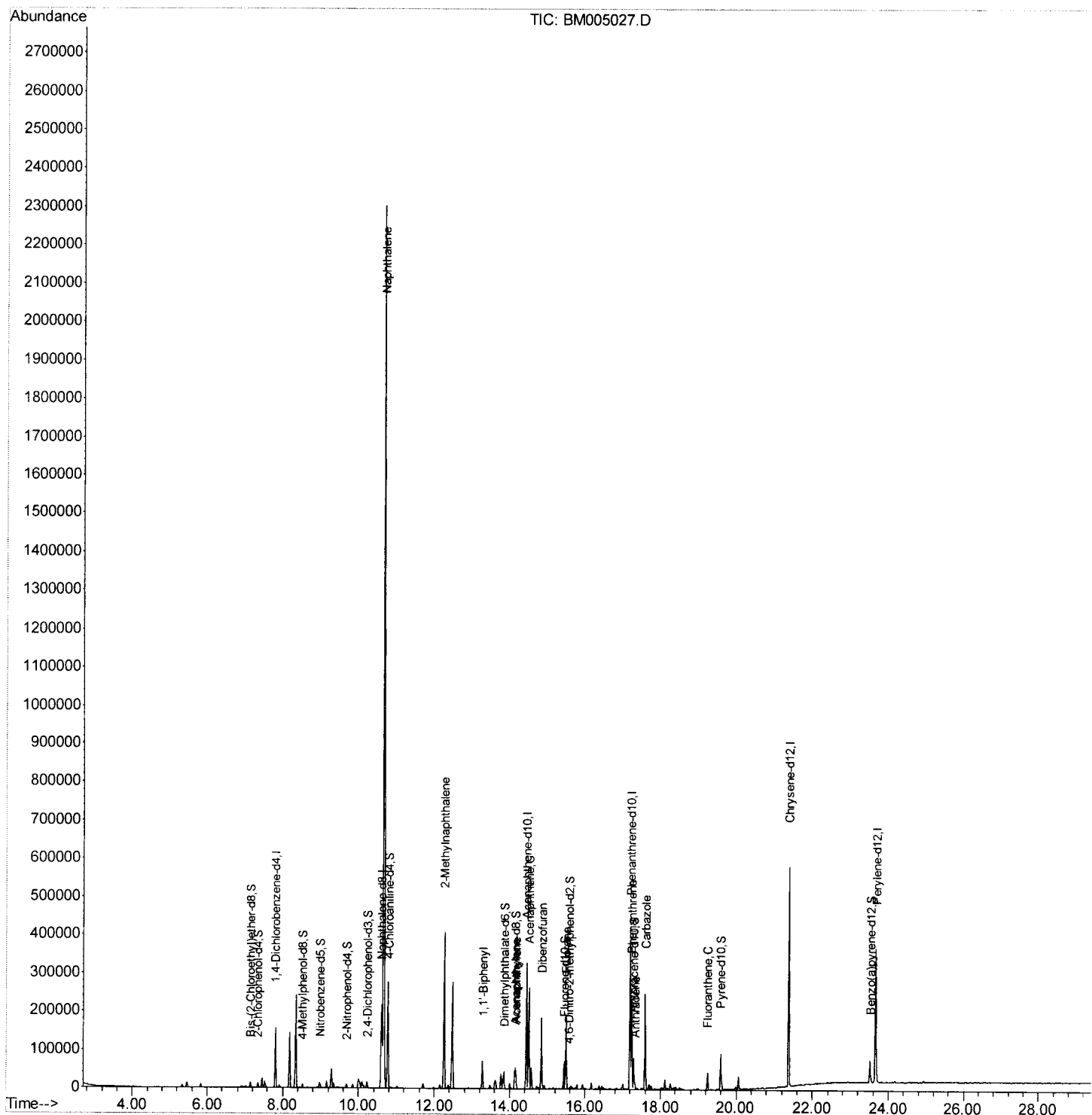
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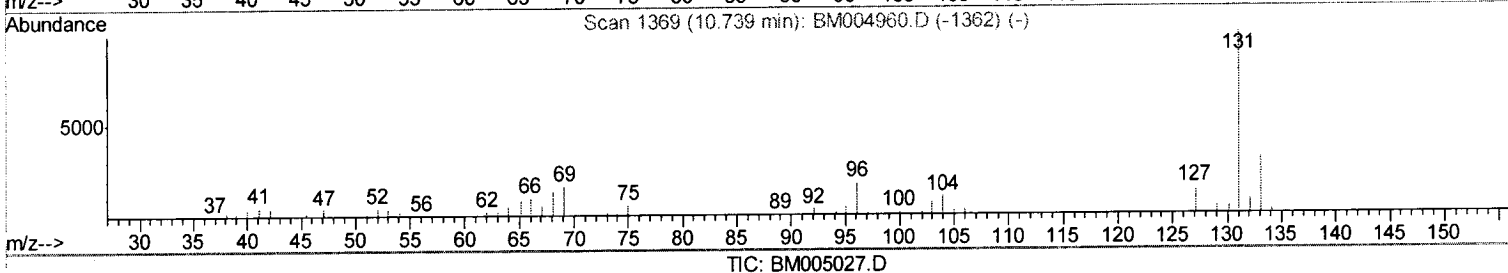
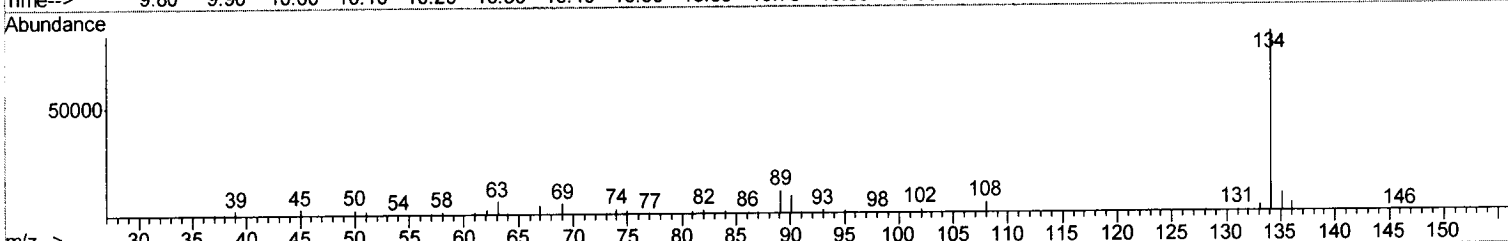
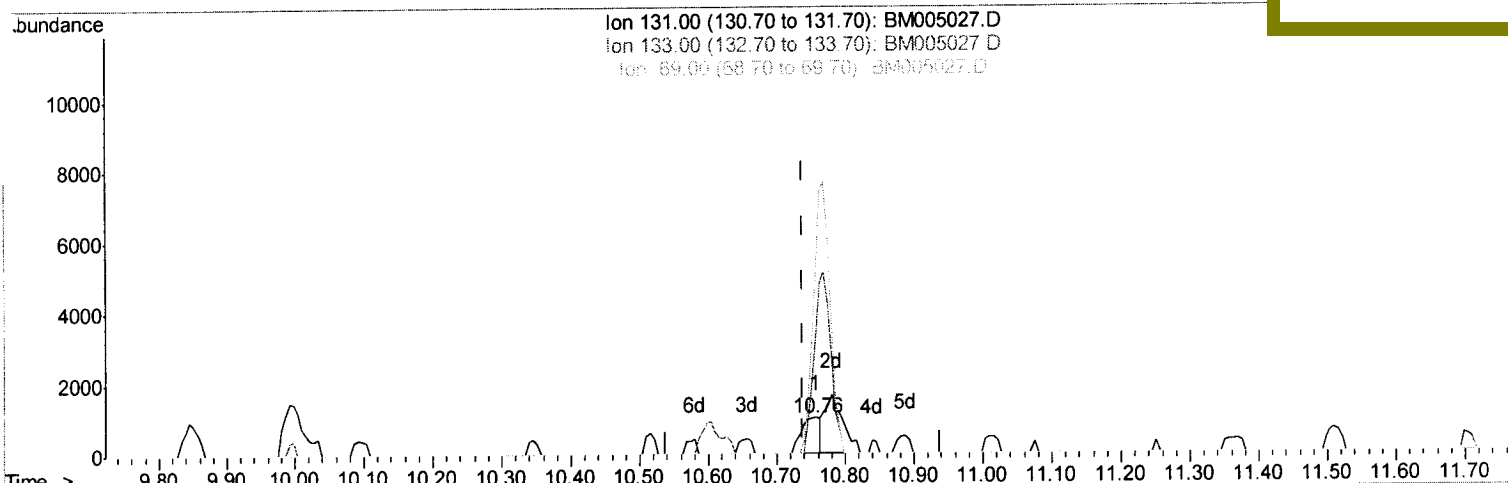
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10.757min (+0.018) 0.65ng/ul

response 1943

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 131.00 | 100   | 100     |
| 133.00 | 32.10 | 344.28# |
| 69.00  | 16.70 | 532.43# |
| 0.00   | 0.00  | 0.00    |