

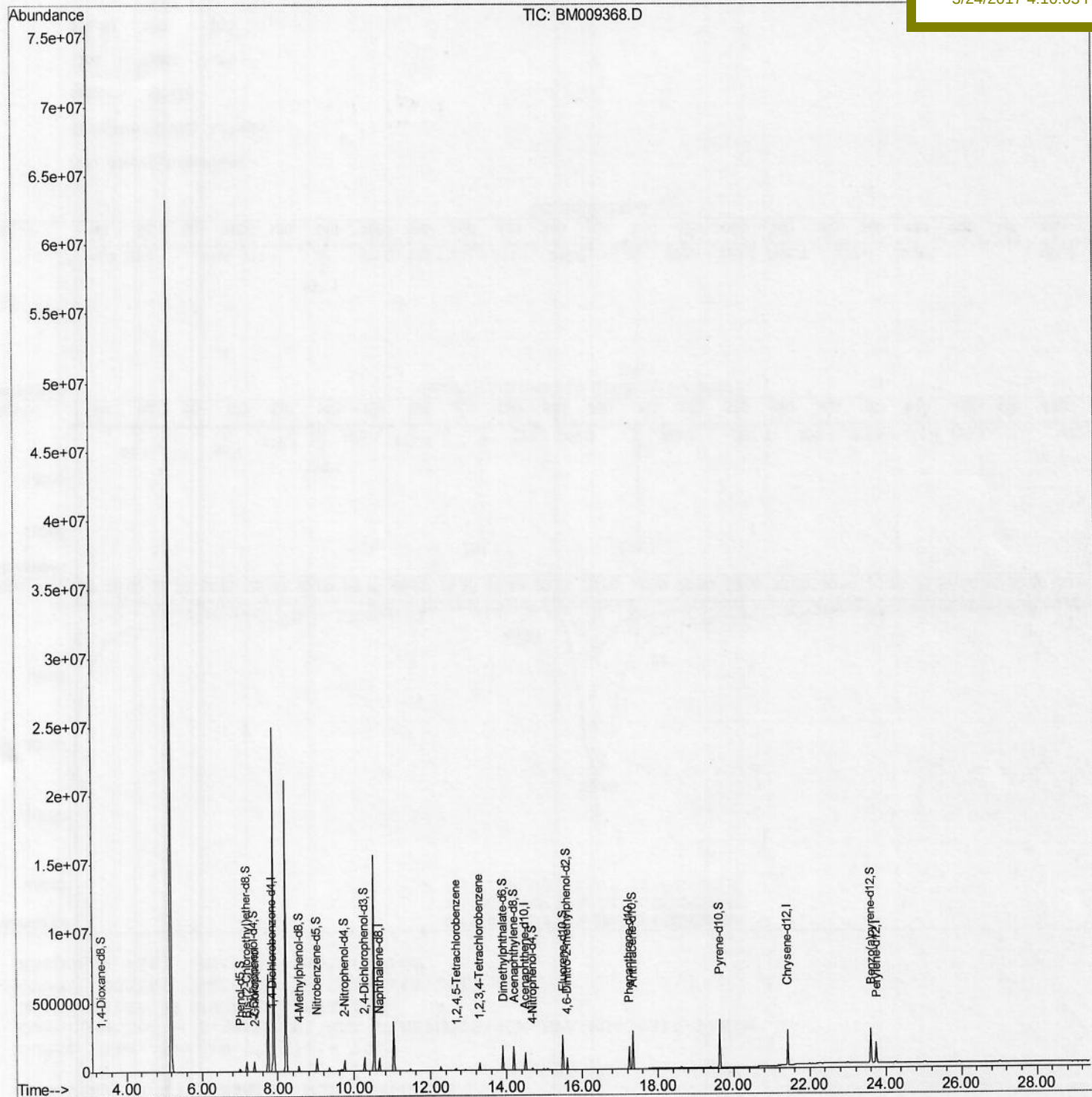
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032317\  
Data File : BM009368.D  
Acq On : 24 Mar 2017 06:45  
Operator : SJ/MA  
Sample : I2358-02  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0BH5

Quant Time: Mar 24 07:18:10 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Mar 24 04:55:42 2017  
Response via : Initial Calibration

Manual Integrations  
APPROVED

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3/24/2017 4:10:03 PM



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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev (Min) |
|--------------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.86  | 152  | 172614   | 20.00 | ng/ul  | 0.00      |
| 18) Naphthalene-d8             | 10.66 | 136  | 644455   | 20.00 | ng/ul  | 0.00      |
| 35) Acenaphthene-d10           | 14.50 | 164  | 364671   | 20.00 | ng/ul  | 0.00      |
| 61) Phenanthrene-d10           | 17.24 | 188  | 856378m  | 20.00 | ng/ul  | 0.00      |
| 77) Chrysene-d12               | 21.42 | 240  | 1173835  | 20.00 | ng/ul  | 0.00      |
| 85) Perylene-d12               | 23.74 | 264  | 1117356  | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds    |       |      |          |       |        |           |
| 3) 1,4-Dioxane-d8              | 3.33  | 96   | 23879    | 5.27  | ng/uL  | 0.00      |
| 5) Phenol-d5                   | 7.01  | 99   | 97527    | 6.25  | ng/ul  | 0.00      |
| 7) Bis-(2-Chloroethyl) ether-d | 7.19  | 67   | 321029   | 28.85 | ng/ul  | 0.00      |
| 9) 2-Chlorophenol-d4           | 7.39  | 132  | 246534   | 23.46 | ng/ul  | 0.00      |
| 13) 4-Methylphenol-d8          | 8.55  | 113  | 123550   | 10.60 | ng/ul  | 0.00      |
| 19) Nitrobenzene-d5            | 9.02  | 128  | 152383   | 32.17 | ng/ul  | 0.00      |
| 22) 2-Nitrophenol-d4           | 9.74  | 143  | 168464   | 32.79 | ng/ul  | 0.00      |
| 26) 2,4-Dichlorophenol-d3      | 10.27 | 165  | 292032   | 28.90 | ng/ul  | 0.00      |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0d       | 0.00  | ng/ul  | 0.00      |
| 43) Dimethylphthalate-d6       | 13.90 | 166  | 975232   | 38.03 | ng/ul  | 0.00      |
| 46) Acenaphthylene-d8          | 14.19 | 160  | 1076909  | 33.47 | ng/ul  | 0.00      |
| 51) 4-Nitrophenol-d4           | 14.69 | 143  | 30603m   | 6.47  | ng/ul  | 0.00      |
| 57) Fluorene-d10               | 15.49 | 176  | 891764   | 37.90 | ng/ul  | 0.00      |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200  | 139890   | 25.84 | ng/ul  | 0.00      |
| 70) Anthracene-d10             | 17.34 | 188  | 1441409  | 35.29 | ng/ul  | 0.00      |
| 78) Pyrene-d10                 | 19.64 | 212  | 1715557  | 34.47 | ng/ul  | 0.00      |
| 89) Benzo(a)pyrene-d12         | 23.60 | 264  | 1725120  | 33.52 | ng/ul  | 0.00      |
| Target Compounds               |       |      |          |       |        |           |
| 10) 2-Chlorophenol             | 7.41  | 128  | 12310    | 1.10  | ng/ul# | 83        |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.68 | 216  | 32648    | 2.66  | ng/ul# | 95        |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.29 | 216  | 134603   | 10.69 | ng/uL  | 93        |

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

# Quantitation Report (Qedit)

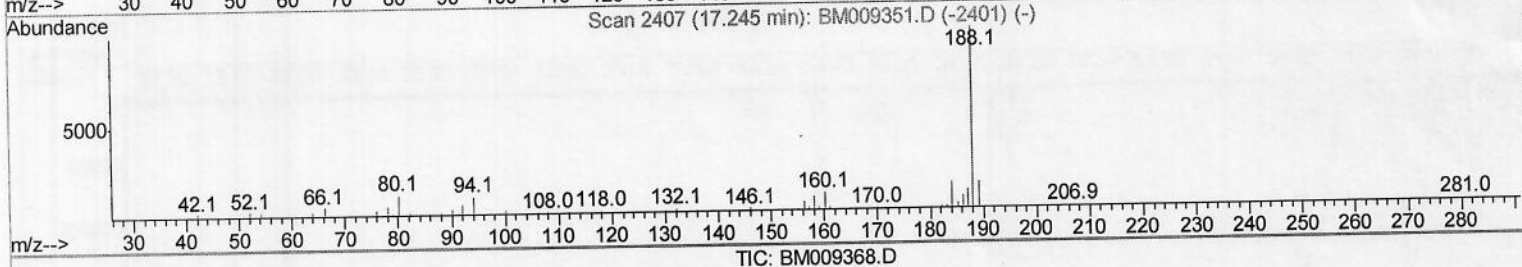
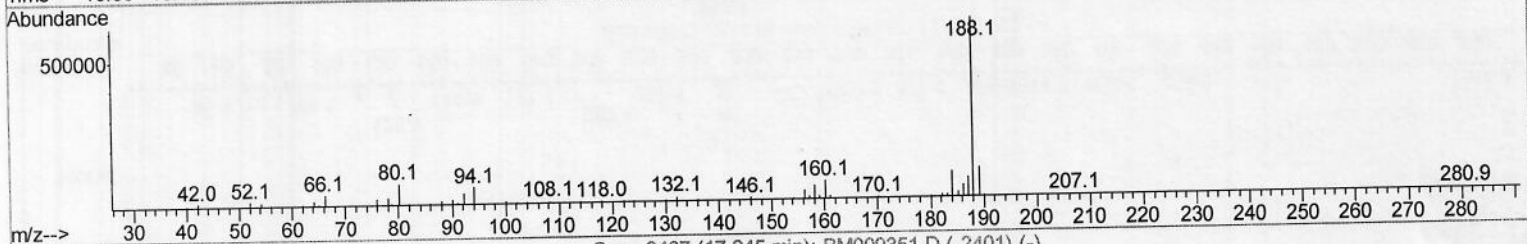
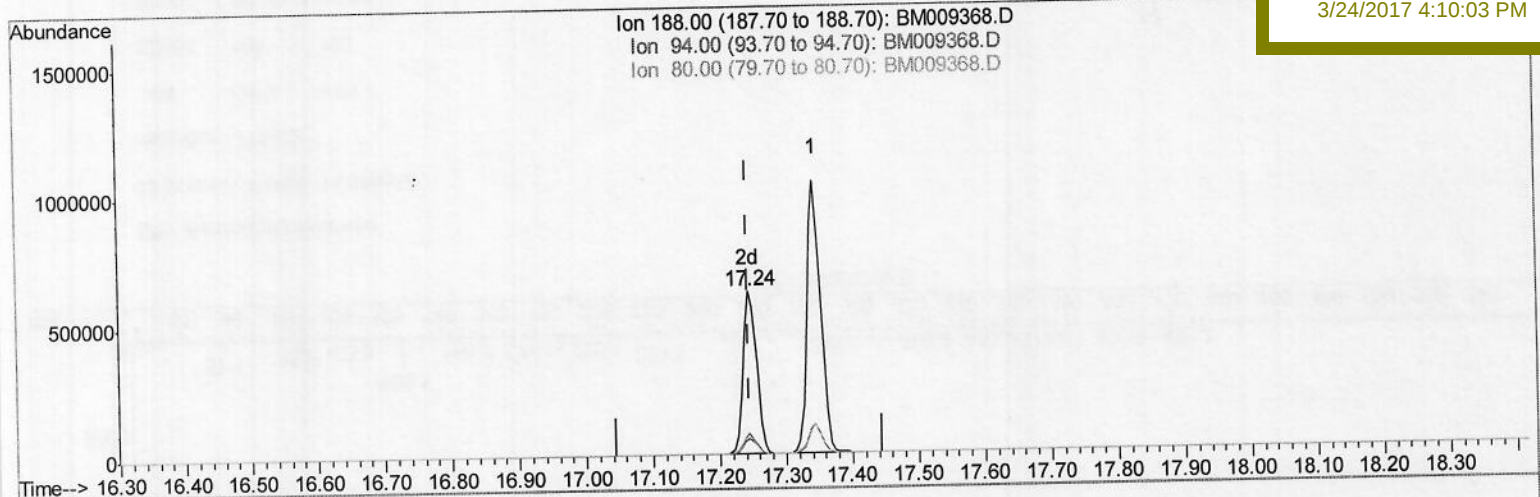
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(61) Phenanthrene-d10 (I)

17.245min (-0.000) 20.00ng/ul m > 55

response 856378

03/24/2017

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 188.00 | 100  | 100    |
| 94.00  | 9.00 | 9.38   |
| 80.00  | 9.70 | 11.93# |
| 0.00   | 0.00 | 0.00   |

# Quantitation Report (Qedit)

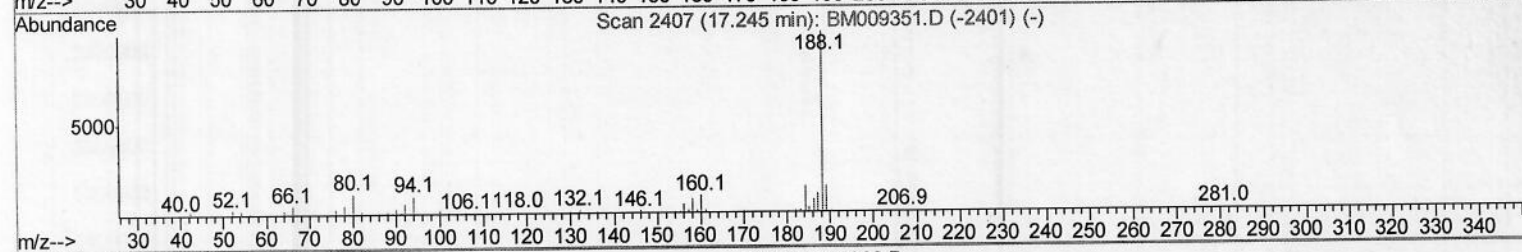
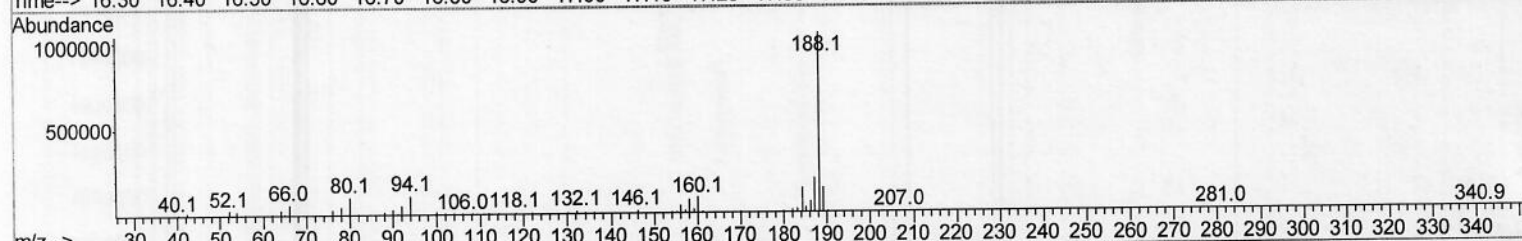
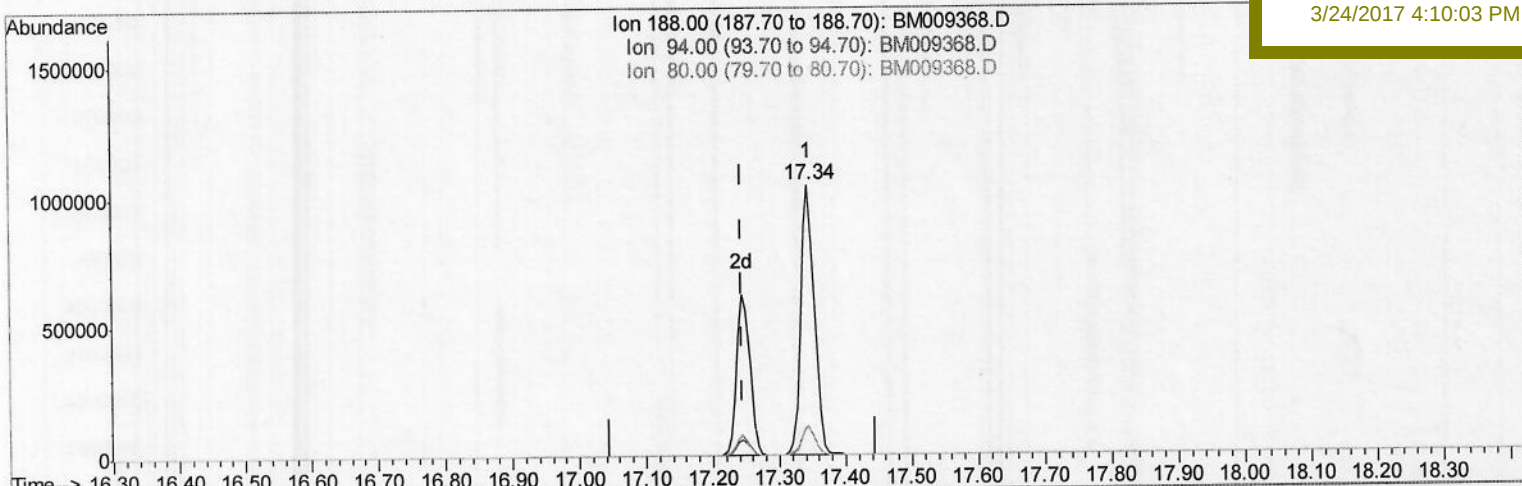
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 BNA\_M  
**ClientSampleId :**  
 C0BH5

**Manual Integrations**  
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(61) Phenanthrene-d10 (I)  
 17.345min (+0.100) 20.00ng/ul  
 response 1441409

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 9.00 | 10.38 |
| 80.00  | 9.70 | 9.97  |
| 0.00   | 0.00 | 0.00  |

# Quantitation Report (Qedit)

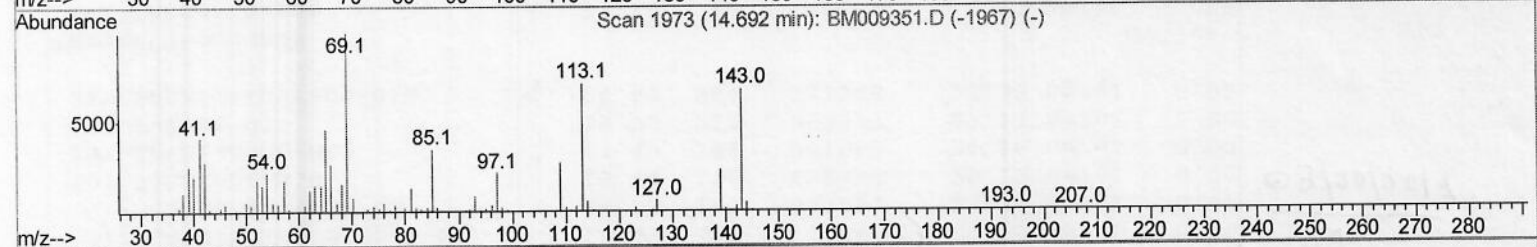
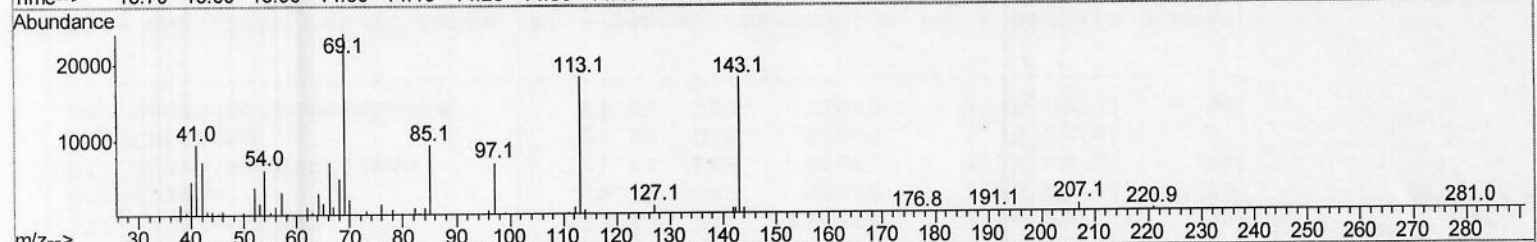
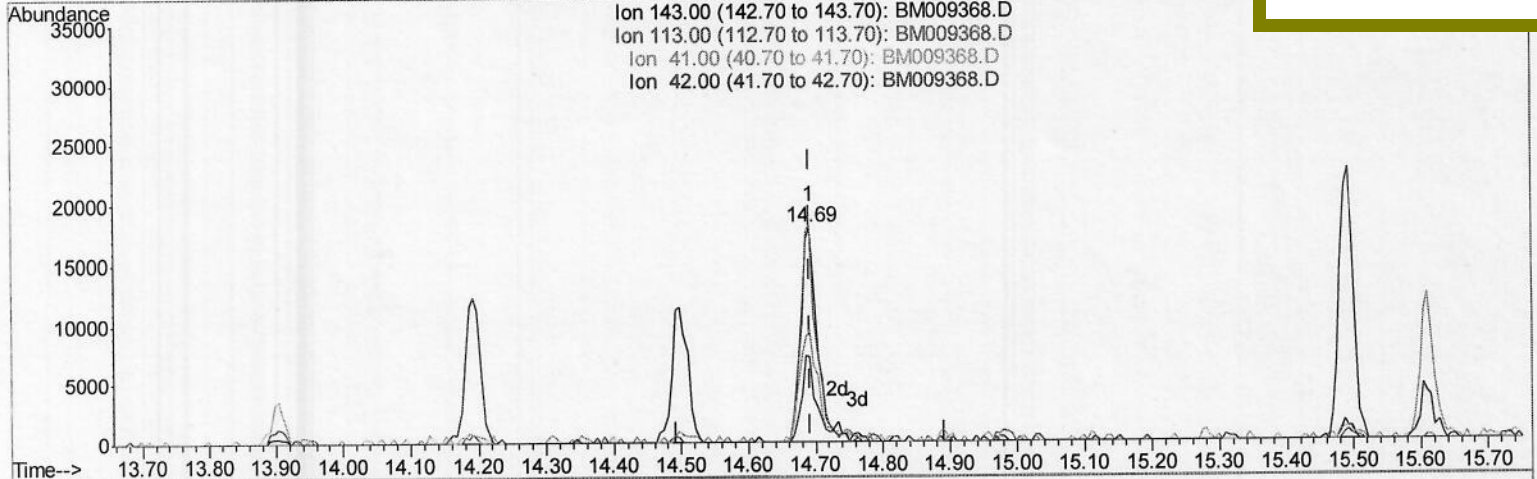
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 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
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 ClientSampled :  
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TIC: BM009368.D

(51) 4-Nitrophenol-d4 (S)

14.692min (-0.000) 6.47ng/ul m

response 30603

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 143.00 | 100   | 100     |
| 113.00 | 75.10 | 101.07# |
| 41.00  | 28.80 | 53.18#  |
| 42.00  | 19.10 | 40.44#  |

55  
 03/27/2017

# Quantitation Report (Qedit)

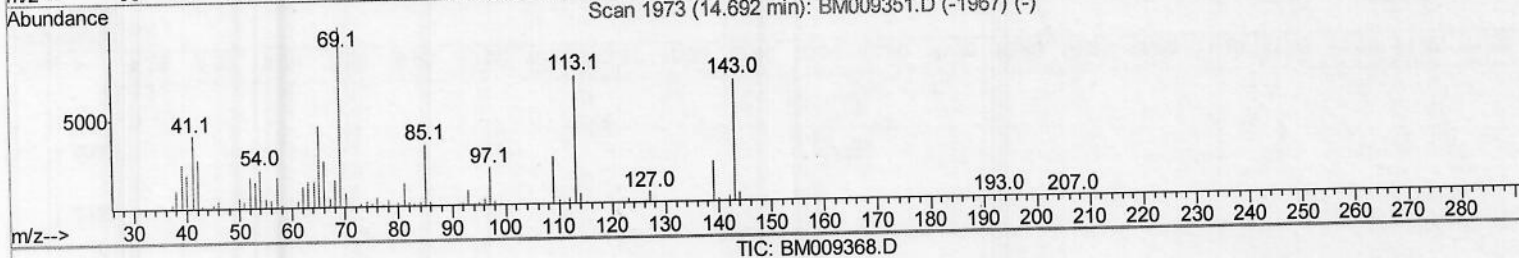
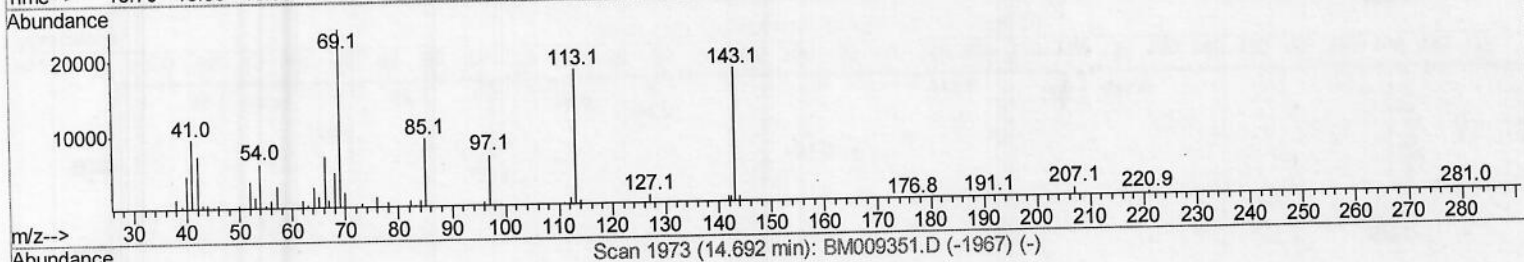
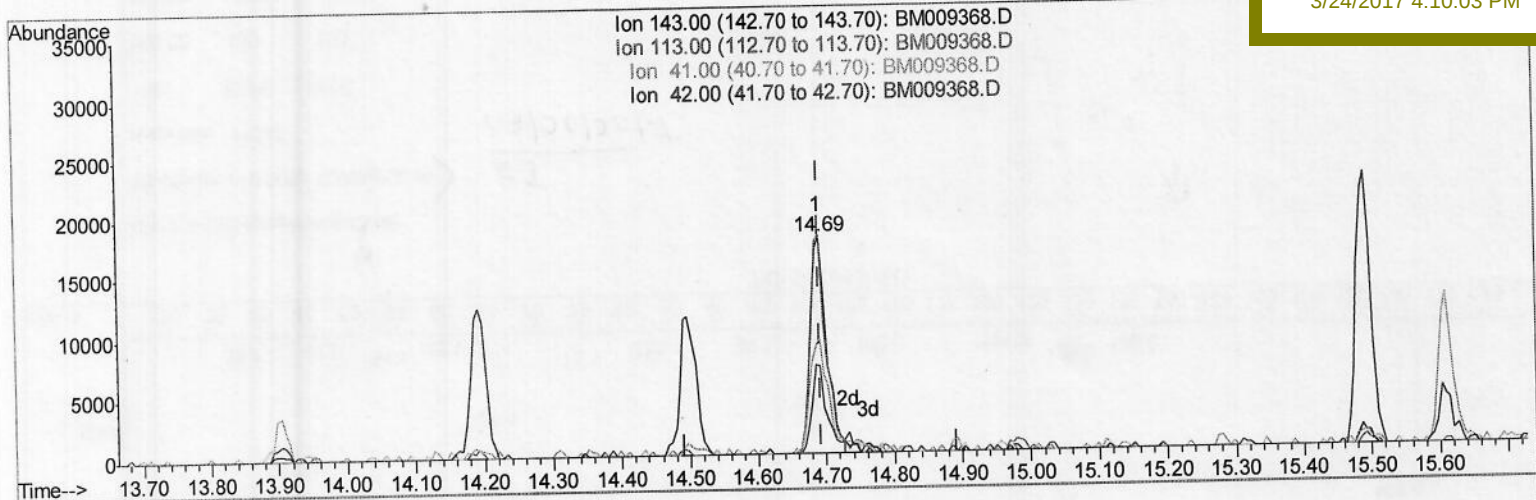
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**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 COBH5

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(51) 4-Nitrophenol-d4 (S)

14.692min (-0.000) 6.25ng/ul

response 29570

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 143.00 | 100   | 100     |
| 113.00 | 75.10 | 101.07# |
| 41.00  | 28.80 | 53.18#  |
| 42.00  | 19.10 | 40.44#  |