

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\  
 Data File : BM014841.D  
 Acq On : 25 Apr 2018 19:33  
 Operator : SJ/JU  
 Sample : J2449-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Apr 26 02:02:11 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 26 01:59:14 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.50  | 152  | 305429   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.35 | 136  | 1317711  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.10 | 164  | 720632   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.82 | 188  | 1551658  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.91 | 240  | 1619974  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.39 | 264  | 1700485  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.65  | 96  | 38378   | 5.49  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.62  | 99  | 643858  | 27.27 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.80  | 67  | 476829  | 31.49 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.02  | 132 | 586484  | 29.69 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.20  | 113 | 467322  | 24.82 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.69  | 128 | 272731  | 28.63 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.42 | 143 | 289790  | 30.55 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.95 | 165 | 518979  | 26.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.47 | 131 | 605261  | 31.81 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.50 | 166 | 1624087 | 28.87 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.80 | 160 | 1900834 | 27.36 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.26 | 143 | 215370  | 20.63 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.09 | 176 | 1419882 | 29.02 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.19 | 200 | 202401  | 24.11 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.92 | 188 | 2271619 | 31.41 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.16 | 212 | 2527444 | 32.98 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.23 | 264 | 2880295 | 34.48 | ng/ul | 0.00 |

## Target Compounds

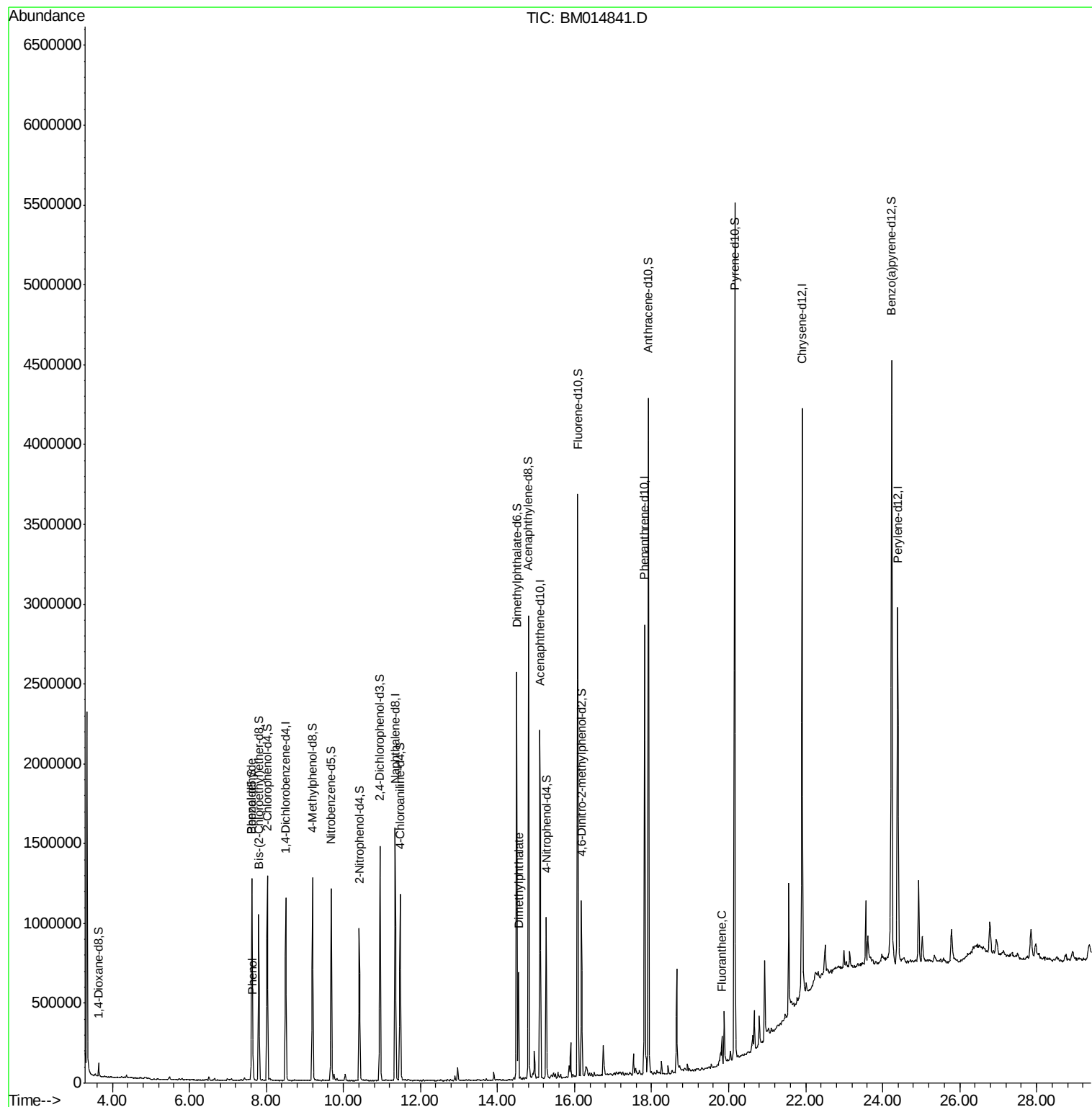
|                       |       |     |        |       | Ovalue    |
|-----------------------|-------|-----|--------|-------|-----------|
| 4) Benzaldehyde       | 7.62  | 77  | 31547  | 2.540 | ng/ul 96  |
| 6) Phenol             | 7.65  | 94  | 56856  | 2.447 | ng/ul# 81 |
| 44) Dimethylphthalate | 14.55 | 163 | 406656 | 7.478 | ng/ul 99  |
| 74) Fluoranthene      | 19.83 | 202 | 98122  | 1.080 | ng/ul# 81 |

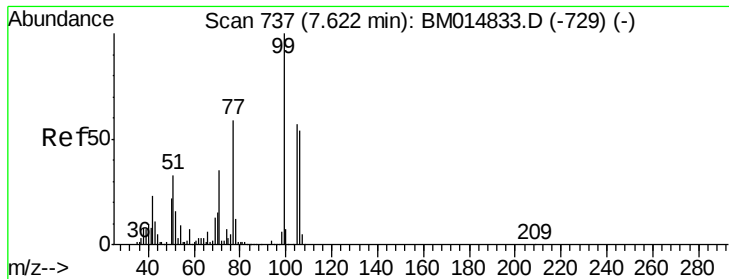
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.540 ng/ul

RT: 7.62 min Scan# 737

Delta R.T. 0.00 min

Lab File: BM014841.D

Acq: 25 Apr 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

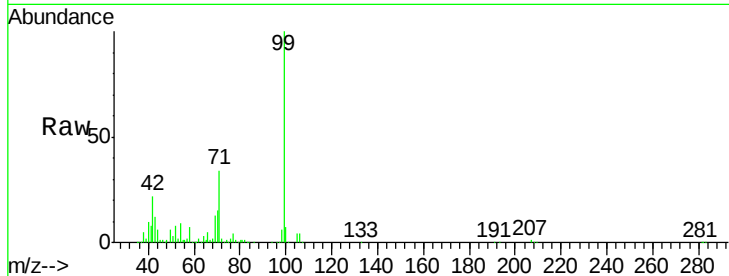
Tot Ion: 77 Resp: 31547

Ion Ratio Lower Upper

77 100

105 87.4 66.1 99.1

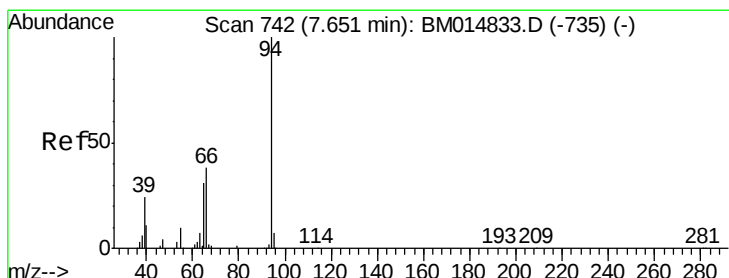
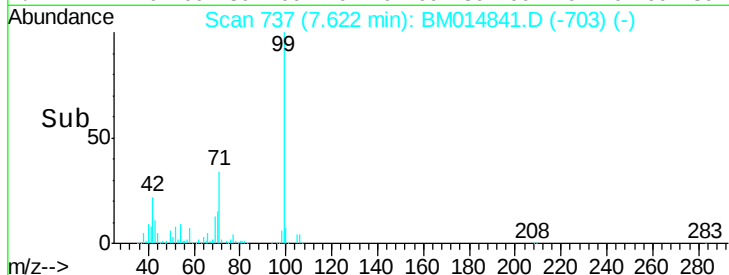
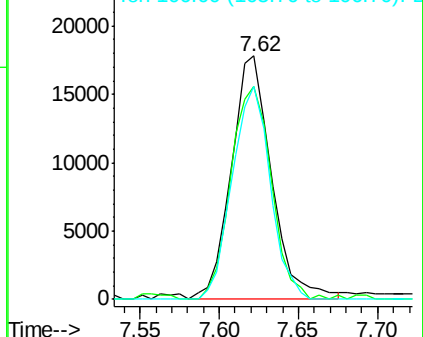
106 87.7 67.8 101.6



Abundance Ion 77.00 (76.70 to 77.70): BM014841.D (-703) (-)

Ion 105.00 (104.70 to 105.70): BM014841.D (-703) (-)

Ion 106.00 (105.70 to 106.70): BM014841.D (-703) (-)



#6

Phenol

Concen: 2.447 ng/ul

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM014841.D

Acq: 25 Apr 2018 19:33

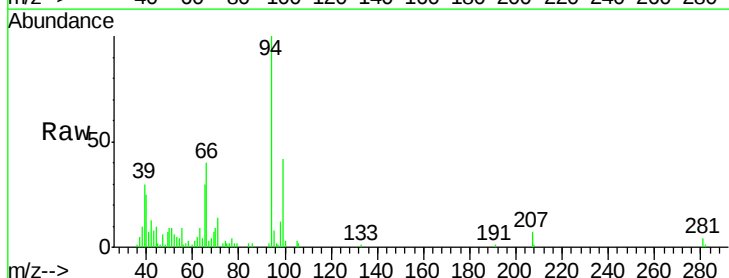
Tgt Ion: 94 Resp: 56856

Ion Ratio Lower Upper

94 100

65 29.7 28.2 42.4

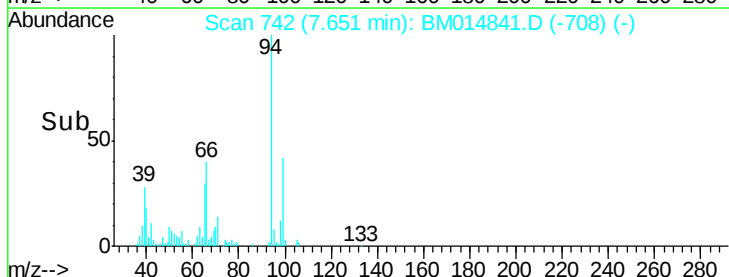
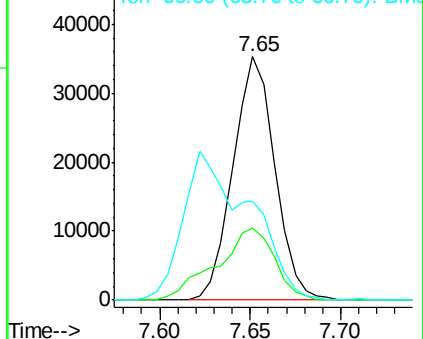
66 40.5 47.2 70.8#

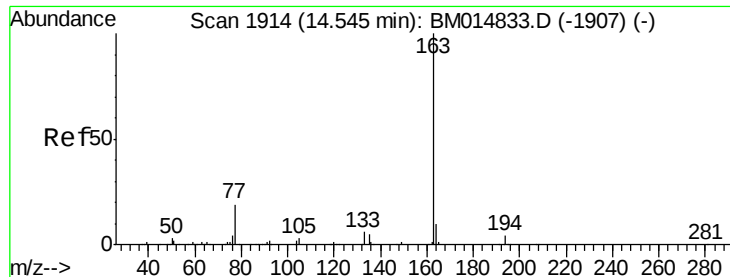


Abundance Ion 94.00 (93.70 to 94.70): BM014841.D (-708) (-)

Ion 65.00 (64.70 to 65.70): BM014841.D (-708) (-)

Ion 66.00 (65.70 to 66.70): BM014841.D (-708) (-)

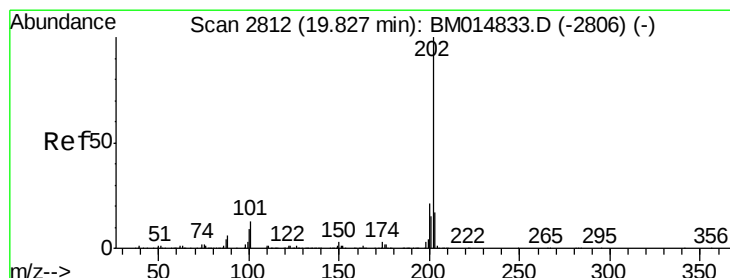
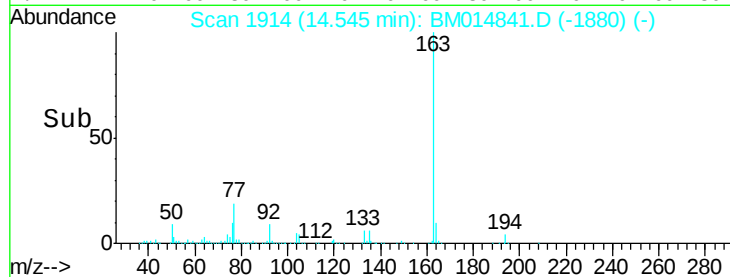
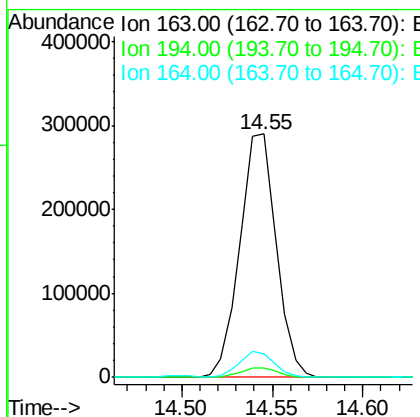
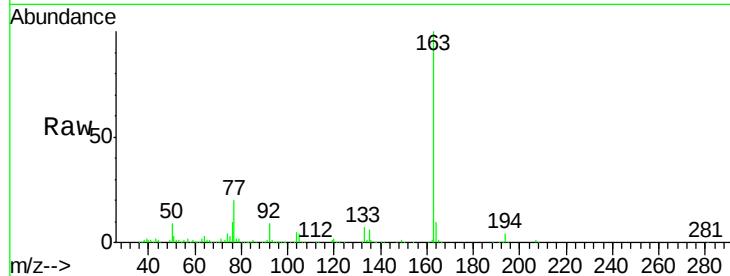




#44  
Dimethylphthalate  
Concen: 7.478 ng/ul  
RT: 14.55 min Scan# 1914  
Delta R.T. 0.00 min  
Lab File: BM014841.D  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.5   | 5.3   |
| 164     | 9.9   | 8.2   | 12.4  |



#74  
Fluoranthene  
Concen: 1.080 ng/ul  
RT: 19.83 min Scan# 2812  
Delta R.T. 0.00 min  
Lab File: BM014841.D  
Acq: 25 Apr 2018 19:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.7  | 4.6   | 7.0#  |
| 100     | 10.0  | 3.4   | 5.2#  |

