

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\  
 Data File : BM009243.D  
 Acq On : 14 Mar 2017 06:20  
 Operator : SJ/MA  
 Sample : I2181-14  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BG6

Quant Time: Mar 14 08:18:39 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 14 04:57:13 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.87  | 152  | 109448   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.67 | 136  | 513414   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.52 | 164  | 392417   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.26 | 188  | 1064466  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.44 | 240  | 1573545  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.77 | 264  | 1615736  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.35  | 96   | 13193    | 5.31  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.03  | 99   | 48620    | 4.11  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67   | 172198   | 22.33 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.40  | 132  | 123764   | 17.11 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.57  | 113  | 96059    | 10.17 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.04  | 128  | 85949    | 23.44 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.76  | 143  | 88252    | 21.69 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.29 | 165  | 176634   | 20.32 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.82 | 131  | 11663    | 1.13  | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.92 | 166  | 870060   | 29.19 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.22 | 160  | 945815   | 27.60 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.71 | 143  | 24459    | 4.13  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.51 | 176  | 781727   | 29.40 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.63 | 200  | 136633   | 21.45 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.36 | 188  | 1428374  | 28.35 | ng/ul | 0.00     |
| 78) Pyrene-d10                 | 19.66 | 212  | 1865131  | 29.37 | ng/ul | 0.00     |
| 89) Benzo(a)pyrene-d12         | 23.62 | 264  | 2168231  | 29.33 | ng/ul | 0.00     |

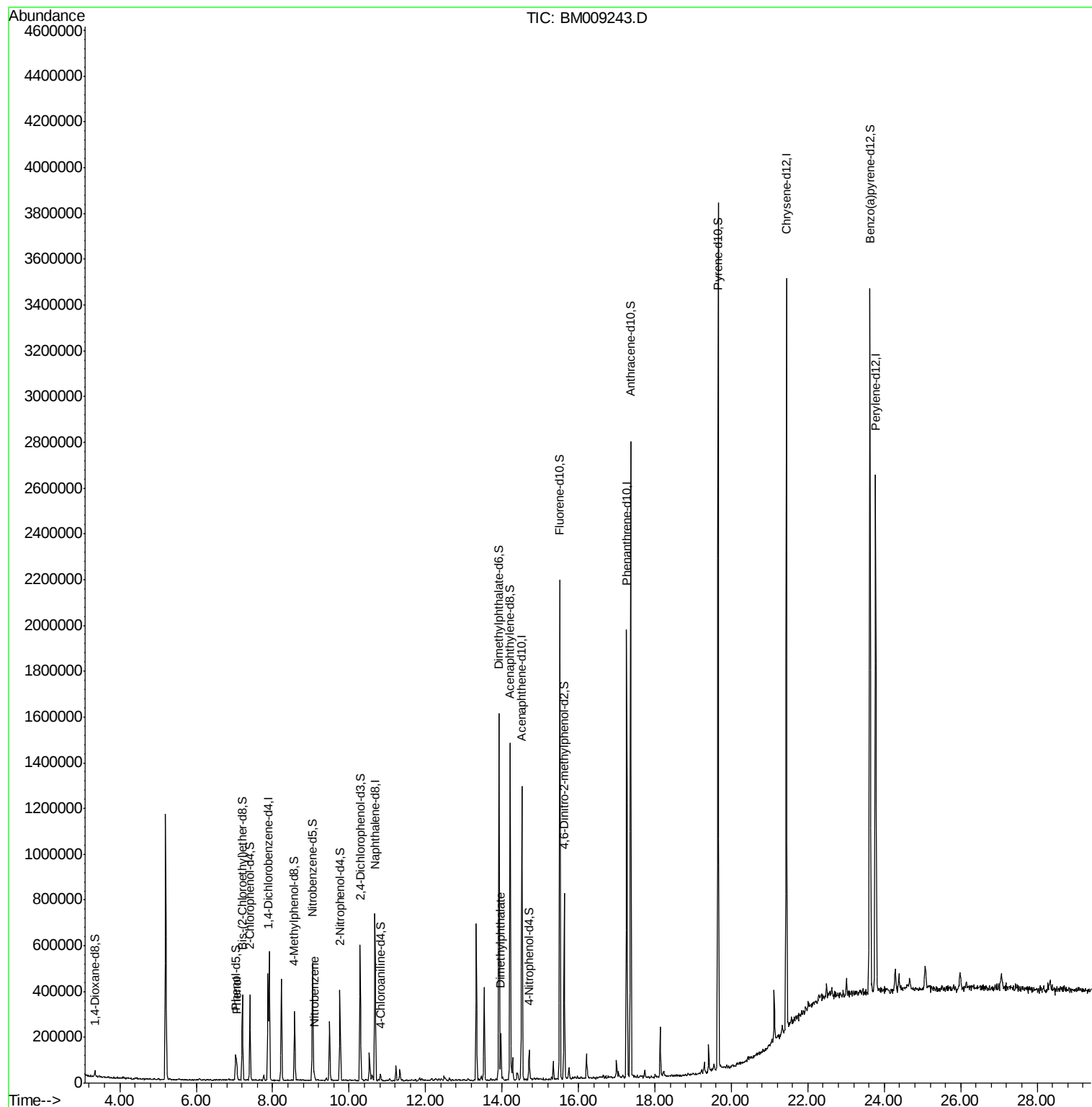
| Target Compounds      | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|-----------------------|-------|------|----------|------|--------|--------|
| 6) Phenol             | 7.06  | 94   | 40781    | 3.23 | ng/ul# | 81     |
| 20) Nitrobenzene      | 9.08  | 77   | 22229    | 1.82 | ng/ul# | 77     |
| 44) Dimethylphthalate | 13.97 | 163  | 96991    | 3.24 | ng/ul  | 99     |

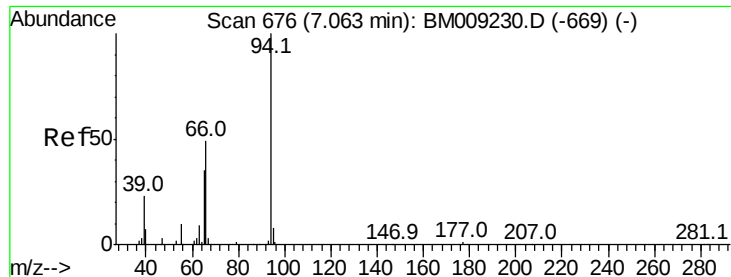
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 14 04:57:13 2017  
Response via : Initial Calibration





#6

Phenol

Concen: 3.23 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.01 min

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Acq: 14 Mar 2017 06:20

Instrument :

BNA\_M

ClientSampleId :

C0BG6

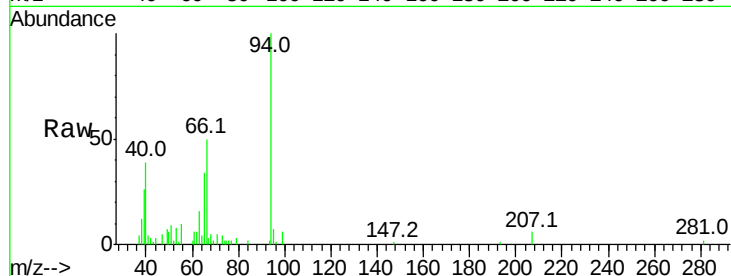
Tot Ion: 94 Resp: 40781

Ion Ratio Lower Upper

94 100

65 34.1 21.0 31.6#

66 49.9 29.3 43.9#

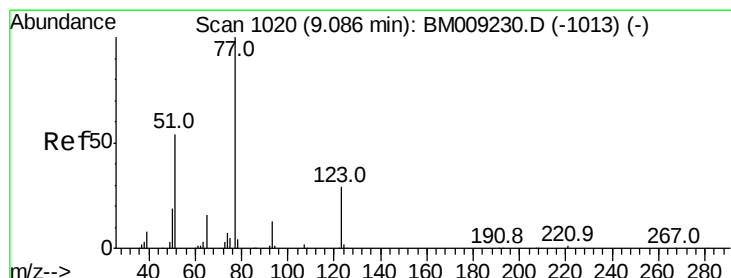
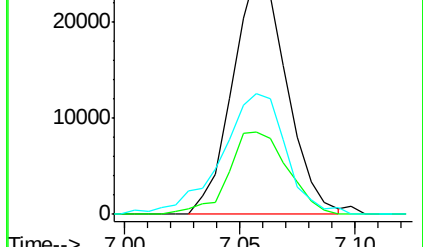
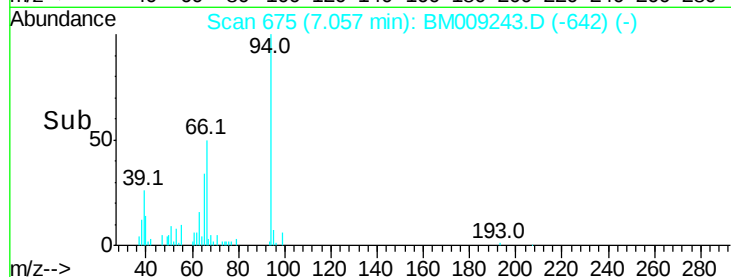


Abundance Ion 94.00 (93.70 to 94.70): BM009230.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM009230.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM009230.D (-669) (-)

Time-->



#20

Nitrobenzene

Concen: 1.82 ng/ul

RT: 9.08 min Scan# 1019

Delta R.T. -0.01 min

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Acq: 14 Mar 2017 06:20

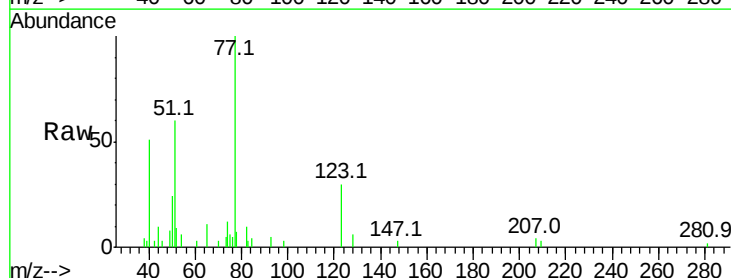
Tgt Ion: 77 Resp: 22229

Ion Ratio Lower Upper

77 100

123 30.1 39.0 58.4#

65 11.2 10.4 15.6

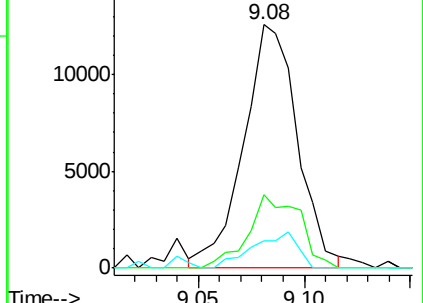
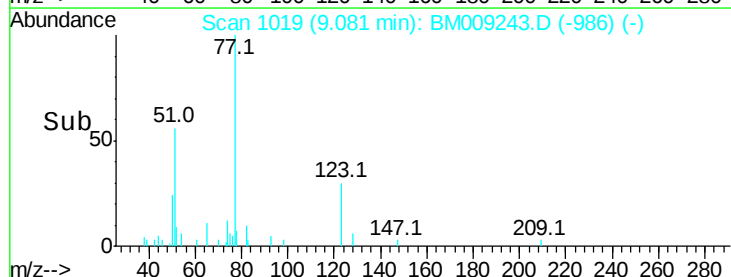


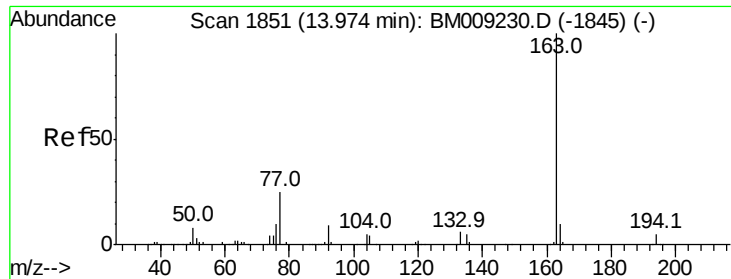
Abundance Ion 77.00 (76.70 to 77.70): BM009230.D (-1013) (-)

Ion 123.00 (122.70 to 123.70): BM009230.D (-1013) (-)

Ion 65.00 (64.70 to 65.70): BM009230.D (-1013) (-)

Time-->





#44

Dimethylphthalate

Concen: 3.24 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. -0.01 min

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C0BG6

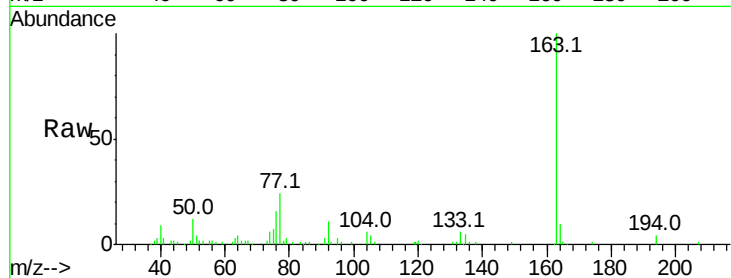
Tot Ion:163 Resp: 96991

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

