

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM052116\  
 Data File : BM005560.D  
 Acq On : 21 May 2016 20:58  
 Operator : UM/SJ  
 Sample : H3086-08  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHGJ8

Quant Time: May 22 05:26:39 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM052016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun May 22 05:09:34 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 85105    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.61 | 136  | 341177   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 185407   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.20 | 188  | 396833   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.37 | 240  | 525305   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.64 | 264  | 556808   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96   | 5349     | 2.75  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.98  | 99   | 114320   | 16.39 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67   | 74479    | 18.42 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.35  | 132  | 98172    | 16.87 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.52  | 113  | 82012    | 14.35 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.97  | 128  | 45809    | 17.56 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.69  | 143  | 49099    | 17.10 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165  | 93278    | 17.25 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.75 | 131  | 138296   | 25.53 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.86 | 166  | 271573   | 17.94 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.15 | 160  | 353325   | 18.67 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.65 | 143  | 50664    | 17.70 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.45 | 176  | 251497   | 19.10 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200  | 39494    | 17.30 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.30 | 188  | 377271   | 19.96 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.59 | 212  | 447121   | 18.80 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.50 | 264  | 497668   | 19.14 | ng/ul | 0.00     |

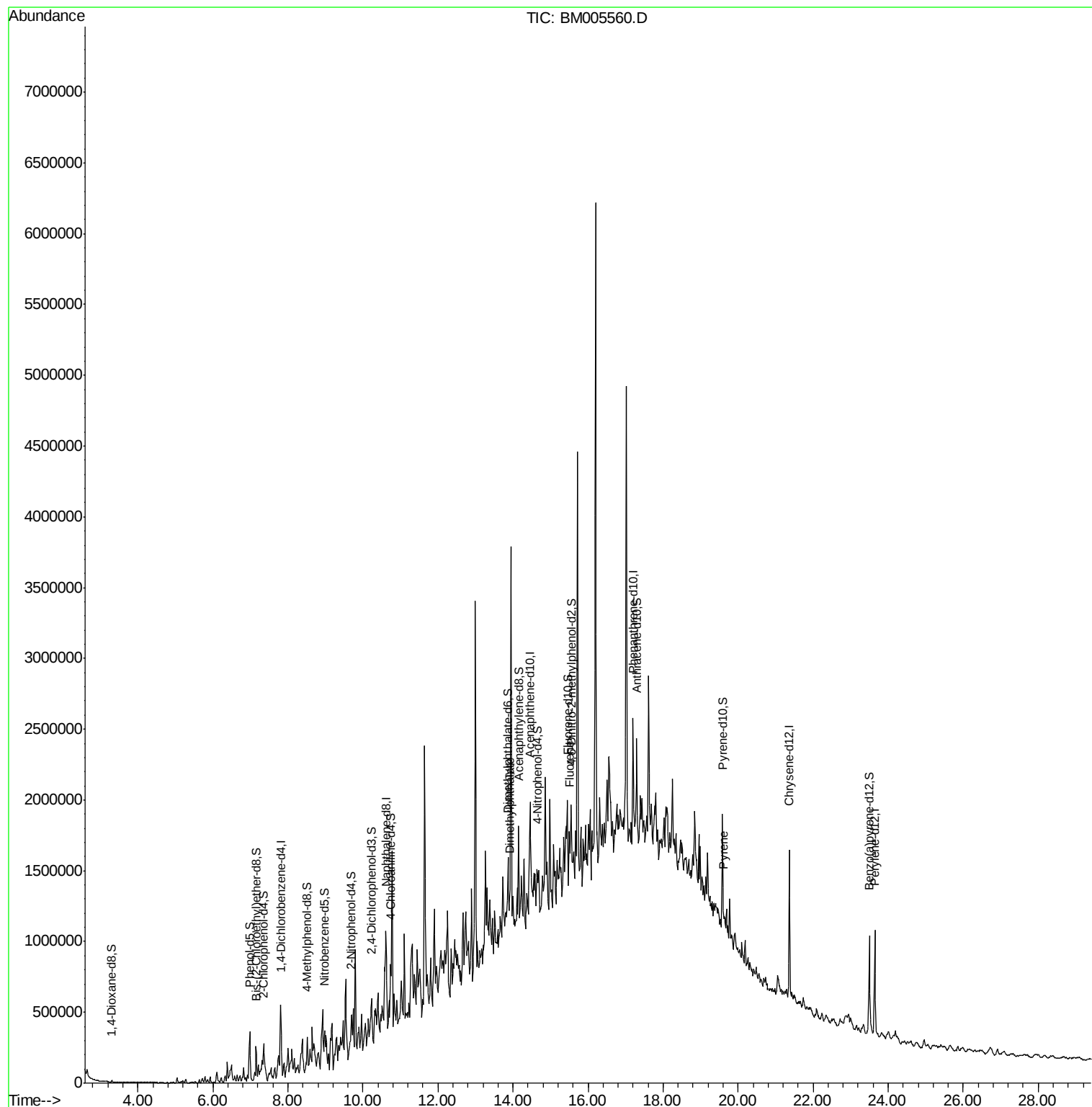
| Target Compounds      | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|-----------------------|-------|------|----------|------|--------|--------|
| 44) Dimethylphthalate | 13.91 | 163  | 47131    | 3.15 | ng/ul# | 78     |
| 58) Fluorene          | 15.50 | 166  | 20922    | 1.44 | ng/ul# | 57     |
| 77) Pyrene            | 19.62 | 202  | 35779    | 1.18 | ng/ul# | 88     |

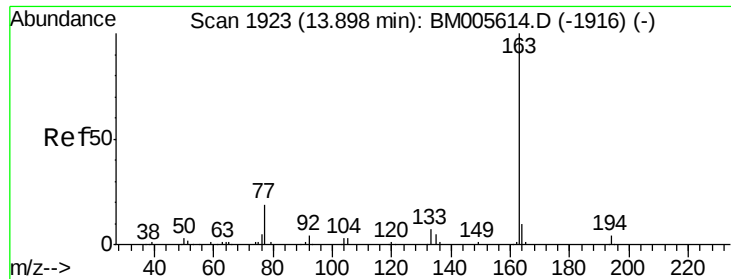
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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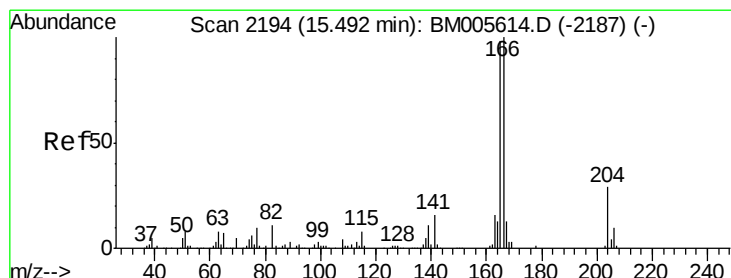
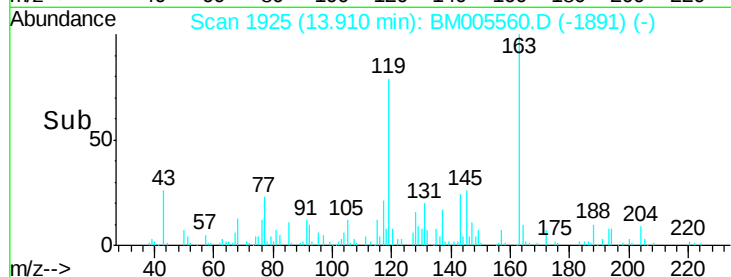
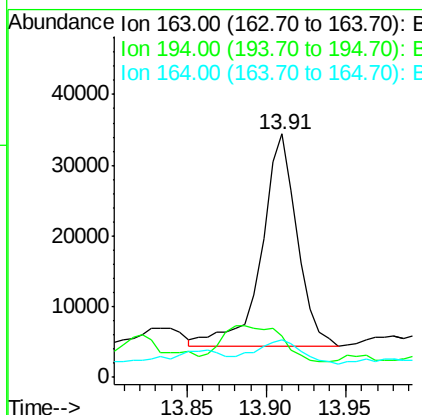
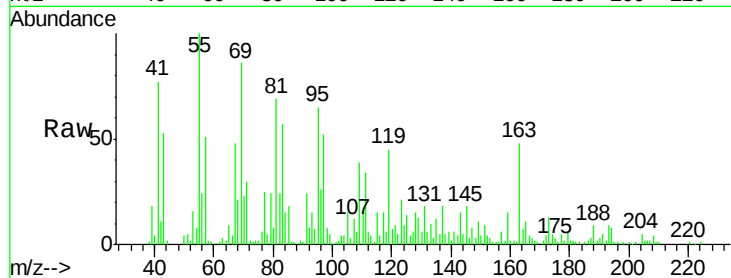




#44  
Dimethylphthalate  
Concen: 3.15 ng/ul  
RT: 13.91 min Scan# 1925  
Delta R.T. 0.00 min  
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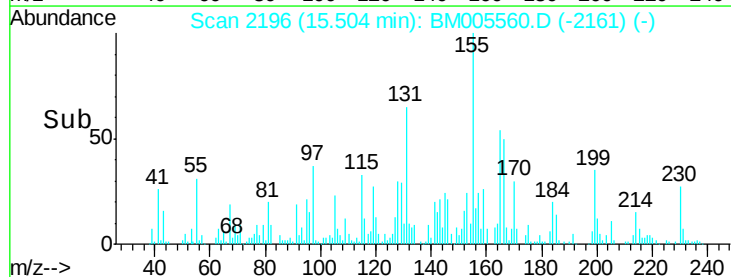
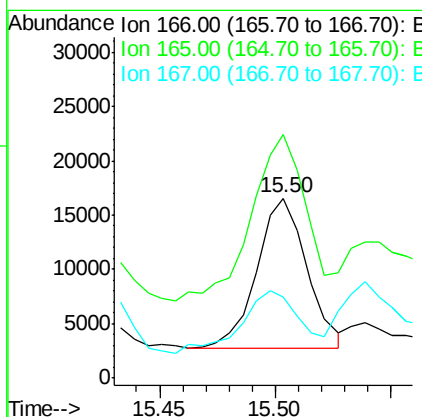
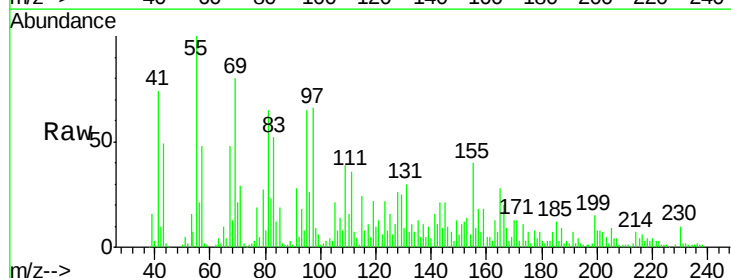
Instrument :  
BNA\_M  
ClientSampleId :  
JHGJ8

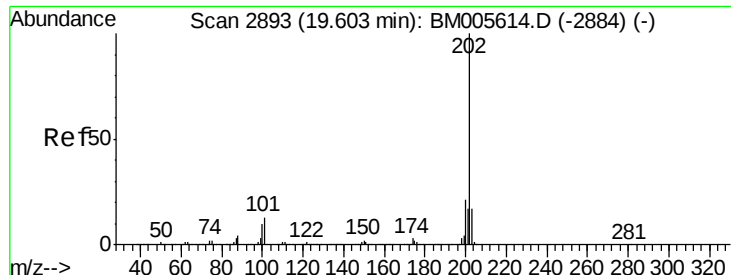
Tgt Ion:163 Resp: 47131  
Ion Ratio Lower Upper  
163 100  
194 17.3 3.4 5.0#  
164 15.3 8.0 12.0#



#58  
Fluorene  
Concen: 1.44 ng/ul  
RT: 15.50 min Scan# 2196  
Delta R.T. 0.01 min  
Lab File: BM005560.D  
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Tgt Ion:166 Resp: 20922  
Ion Ratio Lower Upper  
166 100  
165 135.2 78.0 117.0#  
167 45.1 10.5 15.7#





#77

Pyrene

Concen: 1.18 ng/ul

RT: 19.62 min Scan# 2895

Delta R.T. 0.01 min

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Instrument :

BNA\_M

ClientSampleId :

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Tgt Ion: 202 Resp: 35779

Ion Ratio Lower Upper

202 100

101 20.6 9.6 14.4#

100 9.5 7.8 11.6

