

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028349.D  
 Acq On : 15 Aug 2017 18:40  
 Operator : SJ/JU  
 Sample : I4672-14  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AJ2

Quant Time: Aug 16 01:27:35 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 01:22:31 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 37579    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.18 | 136  | 184954   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.97 | 164  | 133082   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.71 | 188  | 314183   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.05 | 240  | 339928   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.56 | 264  | 287622   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.84  | 96  | 3161   | 3.92  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.51  | 99  | 96264  | 23.32 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67  | 60669  | 23.21 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.90  | 132 | 70586  | 27.11 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 86276  | 25.01 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.52  | 128 | 38028  | 26.29 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.25 | 143 | 45392  | 28.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.80 | 165 | 80065  | 24.40 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.31 | 131 | 97550  | 26.71 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.35 | 166 | 292252 | 24.69 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.66 | 160 | 343875 | 25.77 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.17 | 143 | 34288  | 18.22 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.95 | 176 | 259069 | 24.40 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.07 | 200 | 44173  | 21.64 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.81 | 188 | 408384 | 27.11 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.09 | 212 | 470400 | 26.99 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.32 | 264 | 390722 | 29.02 | ng/ul | 0.00 |

## Target Compounds

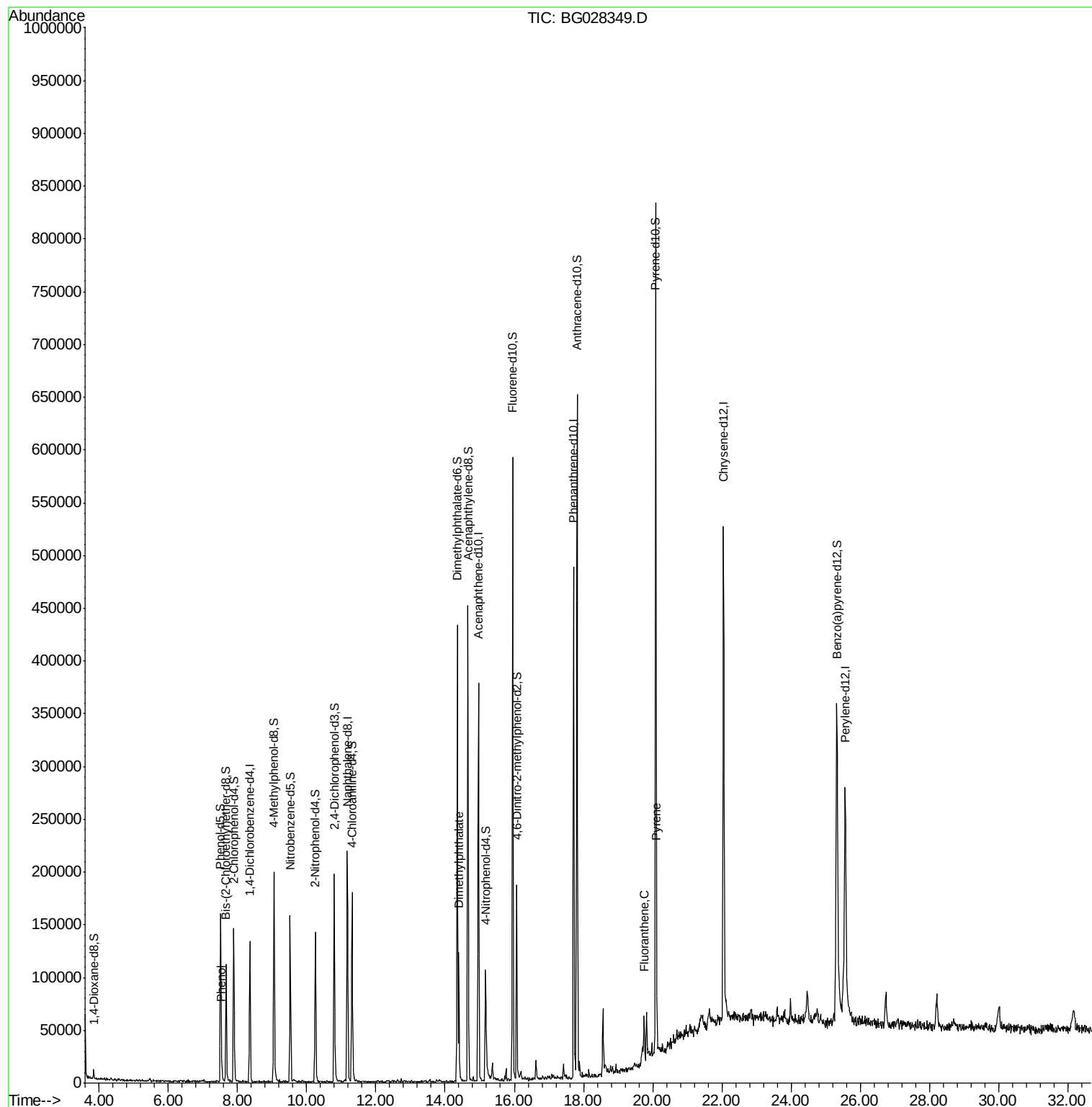
|                       |       |     |       | Ovalue |           |
|-----------------------|-------|-----|-------|--------|-----------|
| 6) Phenol             | 7.54  | 94  | 5097  | 1.243  | ng/ul 90  |
| 44) Dimethylphthalate | 14.40 | 163 | 73629 | 6.756  | ng/ul# 94 |
| 74) Fluoranthene      | 19.75 | 202 | 26714 | 1.390  | ng/ul# 98 |
| 77) Pyrene            | 20.11 | 202 | 24579 | 1.212  | ng/ul# 93 |

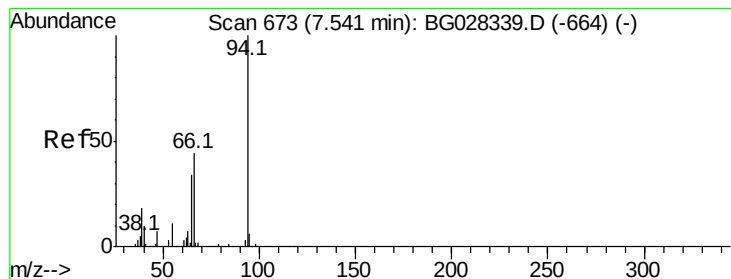
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.243 ng/ul

RT: 7.54 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG028349.D

Acq: 15 Aug 2017 18:40

Instrument :

BNA\_G

ClientSampleId :

C0AJ2

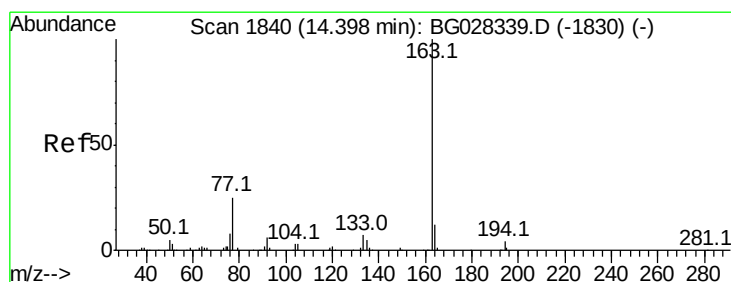
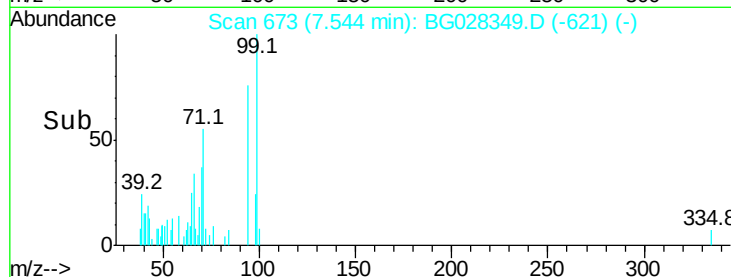
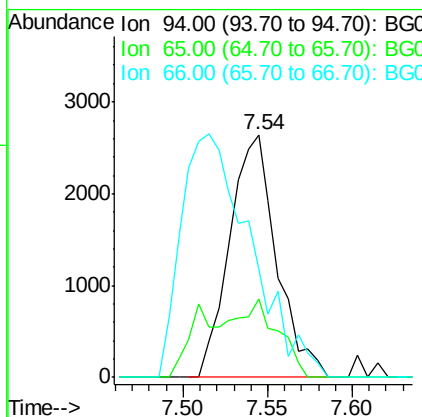
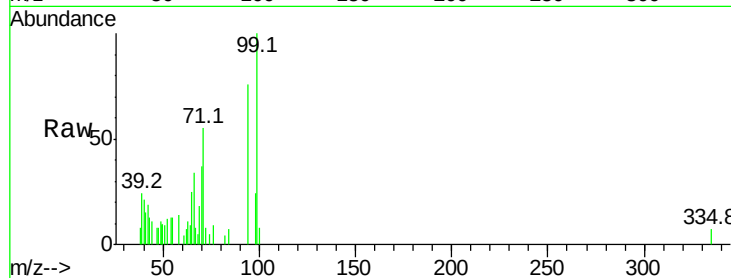
Tot Ion: 94 Resp: 5097

Ion Ratio Lower Upper

94 100

65 32.2 26.8 40.2

66 44.5 44.4 66.6



#44

Dimethylphthalate

Concen: 6.756 ng/ul

RT: 14.40 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BG028349.D

Acq: 15 Aug 2017 18:40

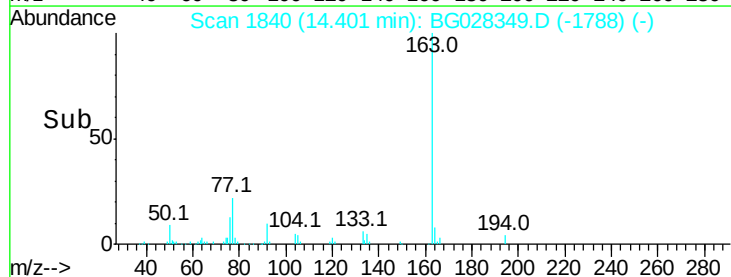
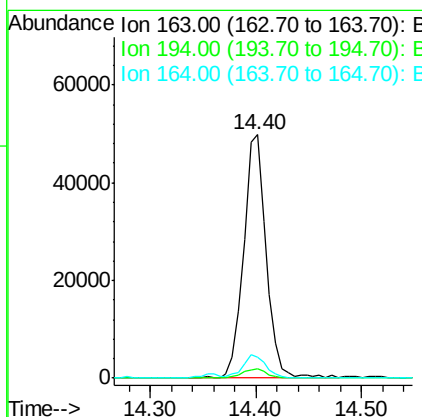
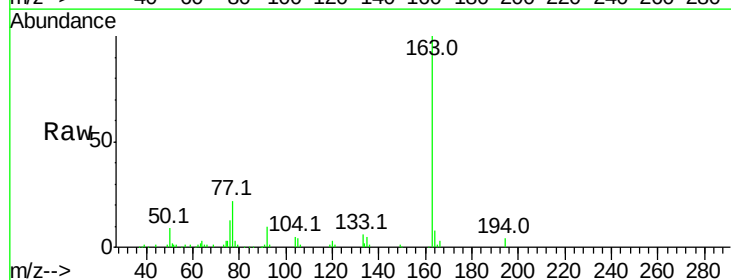
Tgt Ion: 163 Resp: 73629

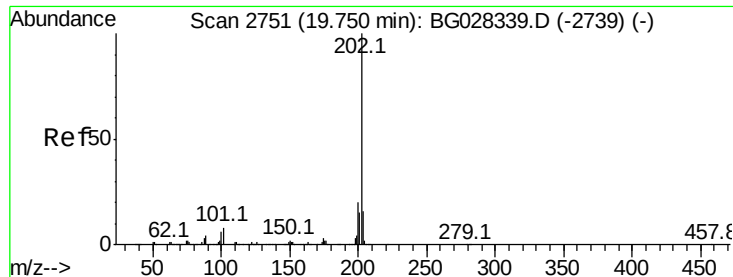
Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

164 8.5 9.0 13.4#

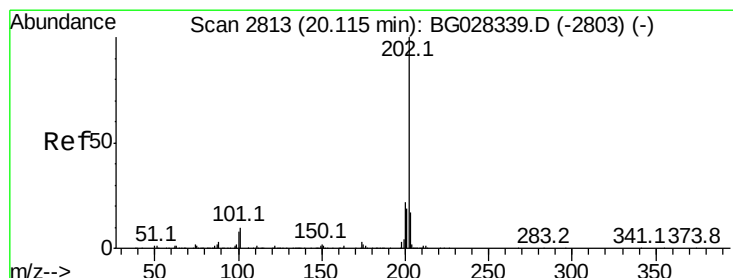
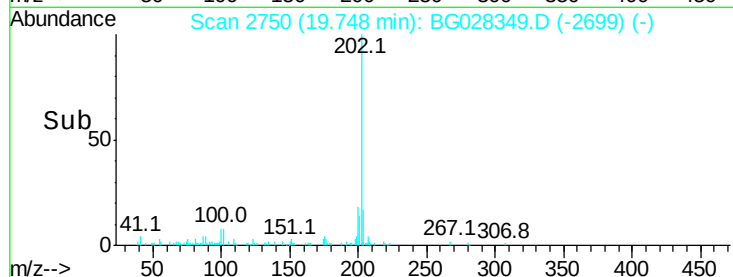
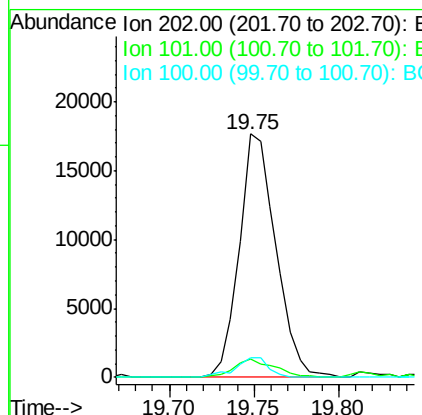
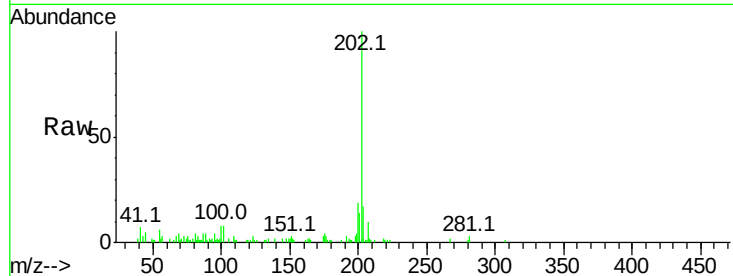




#74  
Fluoranthene  
Concen: 1.390 ng/ul  
RT: 19.75 min Scan# 2750  
Delta R.T. -0.00 min  
Lab File: BG028349.D  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.6   | 6.2   | 9.2   |
| 100     | 8.2   | 5.2   | 7.8#  |



#77  
Pyrene  
Concen: 1.212 ng/ul  
RT: 20.11 min Scan# 2812  
Delta R.T. -0.00 min  
Lab File: BG028349.D  
Acq: 15 Aug 2017 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 6.9   | 6.9   | 10.3# |
| 100     | 11.9  | 6.6   | 10.0# |

