

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\  
 Data File : BG019390.D  
 Acq On : 28 Oct 2015 21:00  
 Operator : UM/NP  
 Sample : G4149-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0GP9

Quant Time: Oct 29 00:07:07 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 29 01:04:20 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.21  | 152  | 24679    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.03 | 136  | 99876    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.83 | 164  | 79406    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.57 | 188  | 231575   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.86 | 240  | 309990   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.23 | 264  | 292274   | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96   | 785      | 1.52  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.35  | 99   | 19277    | 8.51  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.51  | 67   | 45675    | 31.80 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.73  | 132  | 35252    | 24.93 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.90  | 113  | 31675    | 17.55 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.38  | 128  | 24445    | 33.30 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.11 | 143  | 26647    | 30.58 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.65 | 165  | 55898    | 29.57 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.16 | 131  | 60132    | 31.44 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 14.22 | 166  | 214957   | 32.83 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.53 | 160  | 232302   | 32.04 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 15.01 | 143  | 7532     | 7.24  | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.82 | 176  | 196523   | 32.45 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.92 | 200  | 16174    | 10.79 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.67 | 188  | 362800   | 34.37 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.95 | 212  | 455530   | 33.58 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 25.01 | 264  | 499095   | 34.03 | ng/ul | 0.00     |

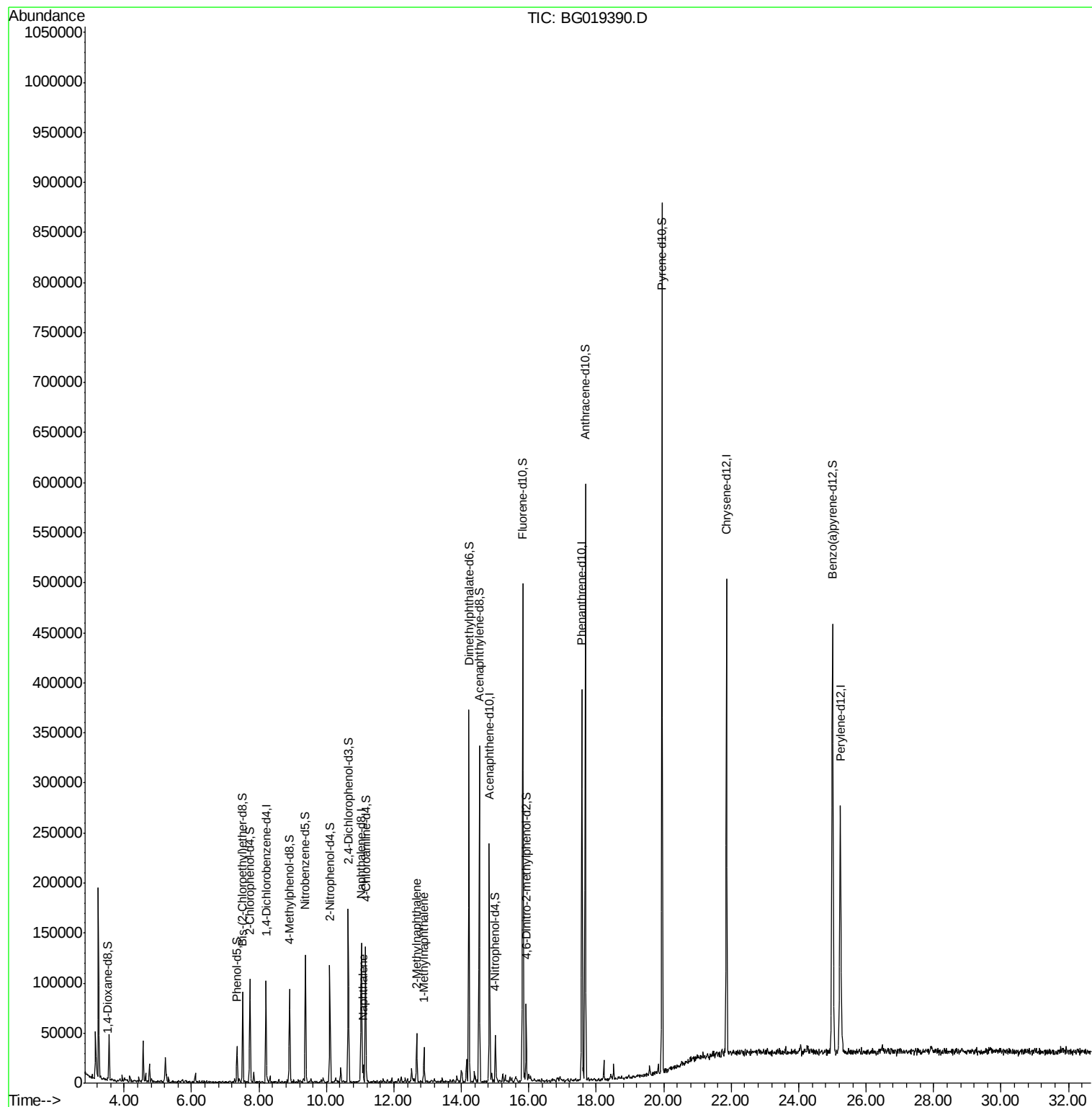
| Target Compounds        | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|-------------------------|-------|------|----------|------|--------|--------|
| 28) Naphthalene         | 11.09 | 128  | 11877    | 2.38 | ng/ul# | 93     |
| 34) 2-Methylnaphthalene | 12.67 | 142  | 18896    | 4.71 | ng/ul# | 77     |
| 35) 1-Methylnaphthalene | 12.89 | 142  | 13568    | 3.57 | ng/ul# | 95     |

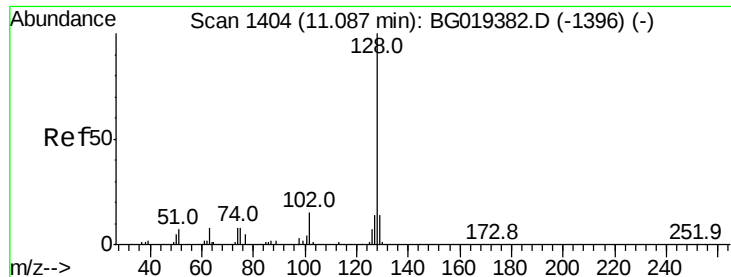
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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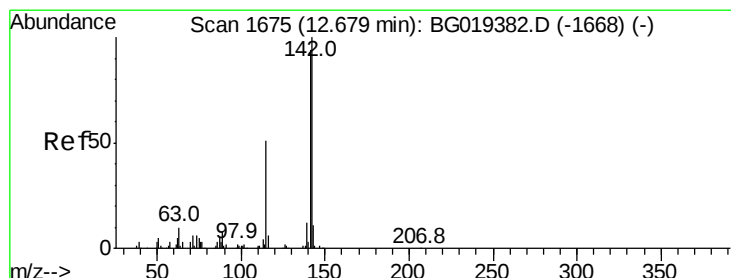
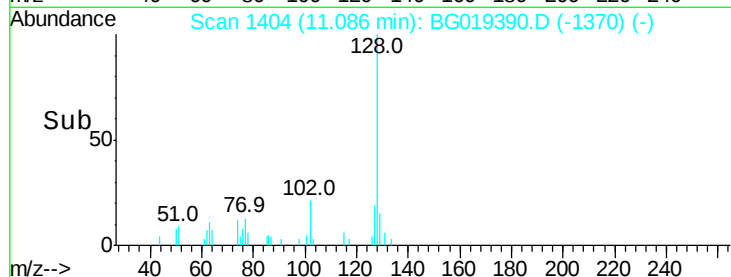
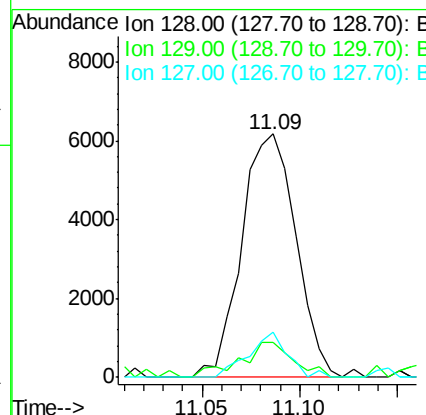
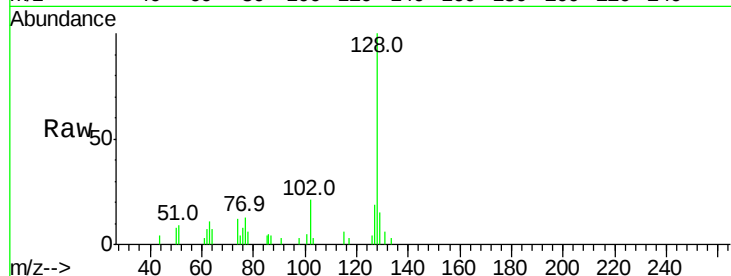




#28  
Naphthalene  
Concen: 2.38 ng/ul  
RT: 11.09 min Scan# 1404  
Delta R.T. -0.00 min  
Lab File: BG019390.D  
Acq: 28 Oct 2015 21:00

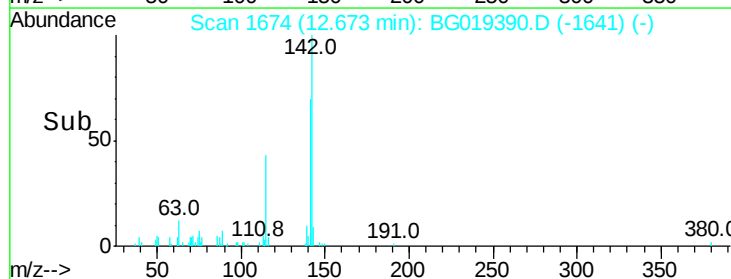
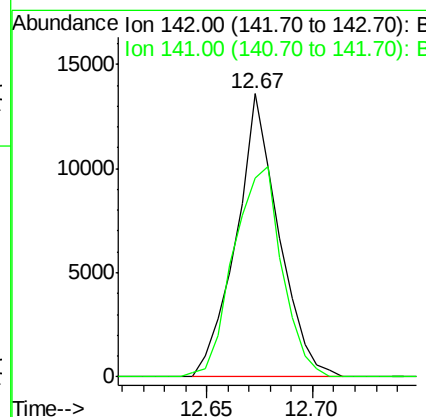
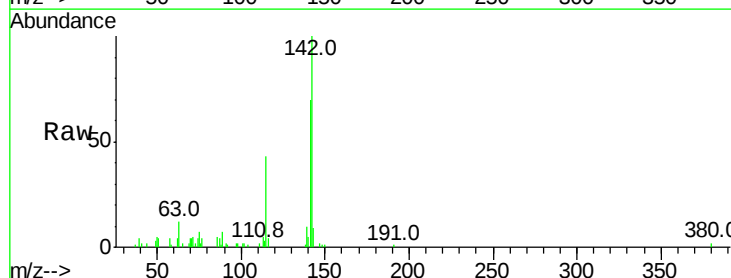
Instrument :  
BNA\_G  
ClientSampleId :  
C0GP9

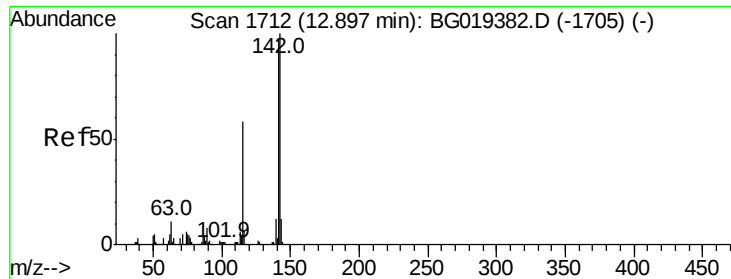
Tot Ion:128 Resp: 11877  
Ion Ratio Lower Upper  
128 100  
129 14.6 8.9 13.3#  
127 18.6 13.1 19.7



#34  
2-Methylnaphthalene  
Concen: 4.71 ng/ul  
RT: 12.67 min Scan# 1674  
Delta R.T. -0.01 min  
Lab File: BG019390.D  
Acq: 28 Oct 2015 21:00

Tgt Ion:142 Resp: 18896  
Ion Ratio Lower Upper  
142 100  
141 70.3 73.4 110.2#





#35

1-Methylnaphthalene

Concen: 3.57 ng/ul

RT: 12.89 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG019390.D

Acq: 28 Oct 2015 21:00

Instrument :

BNA\_G

ClientSampleId :

C0GP9

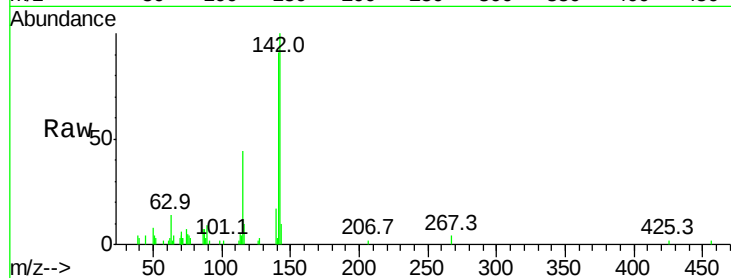
Tot Ion:142 Resp: 13568

Ion Ratio Lower Upper

142 100

141 90.6 76.5 114.7

116 9.6 5.4 8.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

