

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\  
 Data File : BG029082.D  
 Acq On : 8 Oct 2017 14:56  
 Operator : SJ/JU  
 Sample : I5578-22  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 09 07:34:52 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 09 07:29:39 2017  
 Response via : Initial Calibration

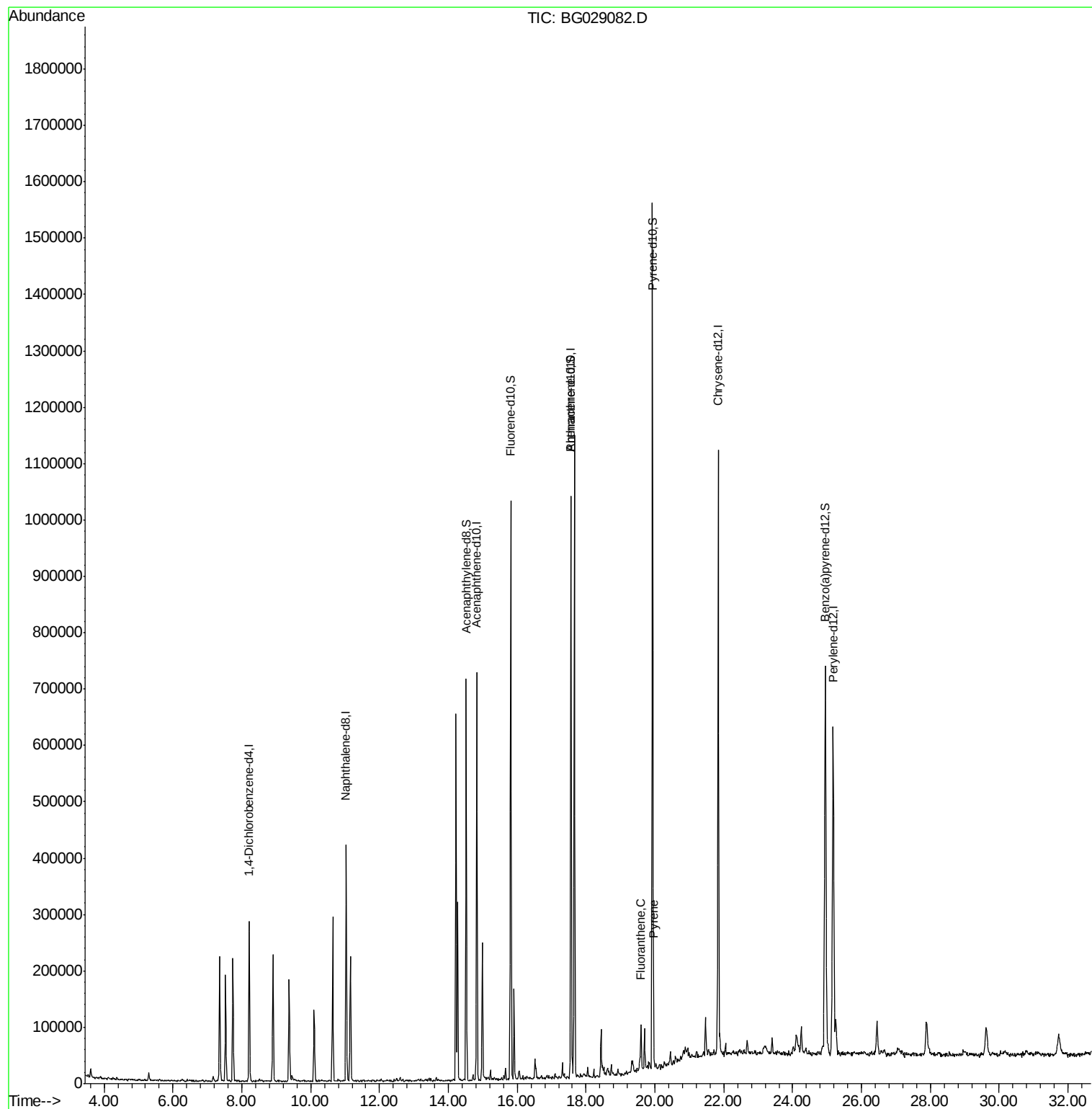
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.21  | 152  | 83135    | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.03 | 136  | 382235   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.82 | 164  | 260000   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.56 | 188  | 626510   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.84 | 240  | 613707   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 25.17 | 264  | 615610   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 14.52 | 160  | 565635   | 20.92  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.81 | 176  | 415812   | 21.20  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.56 | 188  | 626510   | 20.65  | ng/ul  | -0.10    |
| 18) Pyrene-d10              | 19.93 | 212  | 761809   | 24.26  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.95 | 264  | 701693   | 23.79  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 16) Fluoranthene            | 19.60 | 202  | 44256    | 1.130  | ng/ul# | 94       |
| 19) Pyrene                  | 19.96 | 202  | 44061    | 1.152  | ng/ul# | 96       |

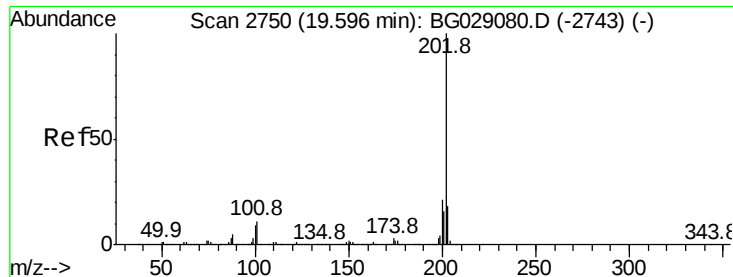
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\  
Data File : BG029082.D  
Acq On : 8 Oct 2017 14:56  
Operator : SJ/JU  
Sample : I5578-22  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :

Quant Time: Oct 09 07:34:52 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Oct 09 07:29:39 2017  
Response via : Initial Calibration

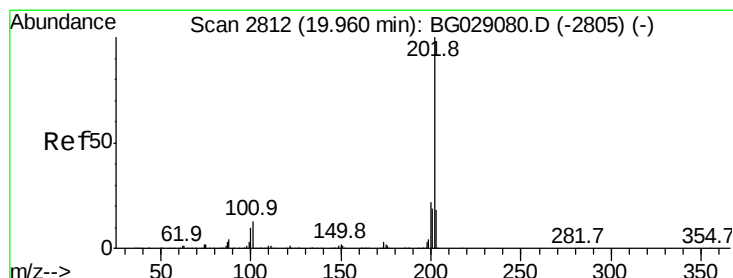
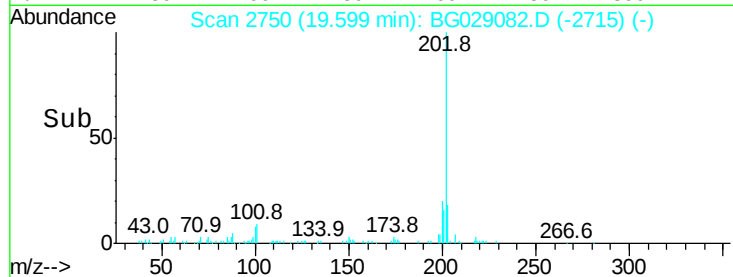
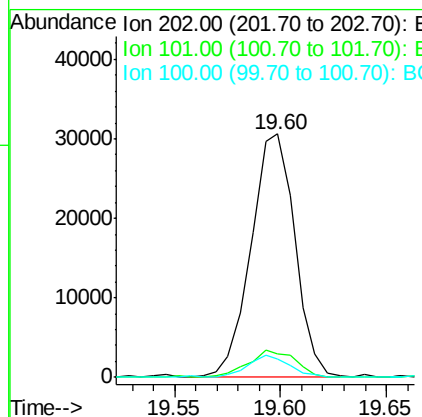
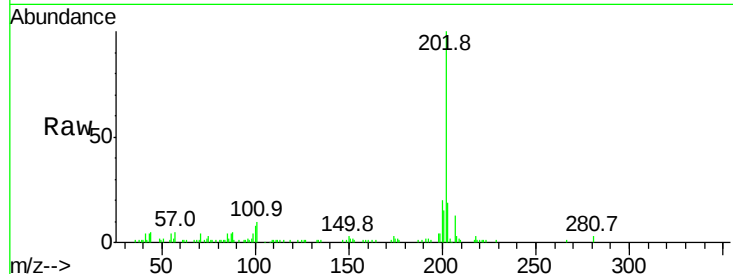




#16  
 Fluoranthene  
 Concen: 1.130 ng/ul  
 RT: 19.60 min Scan# 2750  
 Delta R.T. 0.00 min  
 Lab File: BG029082.D  
 Acq: 8 Oct 2017 14:56

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.7   | 9.9   | 14.9# |
| 100     | 7.7   | 7.4   | 11.0  |



#19  
 Pyrene  
 Concen: 1.152 ng/ul  
 RT: 19.96 min Scan# 2811  
 Delta R.T. -0.00 min  
 Lab File: BG029082.D  
 Acq: 8 Oct 2017 14:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.9  | 11.0  | 16.4  |
| 100     | 13.7  | 8.1   | 12.1# |

