

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\  
 Data File : BG046431.D  
 Acq On : 22 Aug 2020 3:29  
 Operator : CG/JU  
 Sample : L3649-17  
 Misc :  
 ALS Vial : 95 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BFMV4

Quant Time: Aug 22 04:32:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 22 00:58:34 2020  
 Response via : Initial Calibration

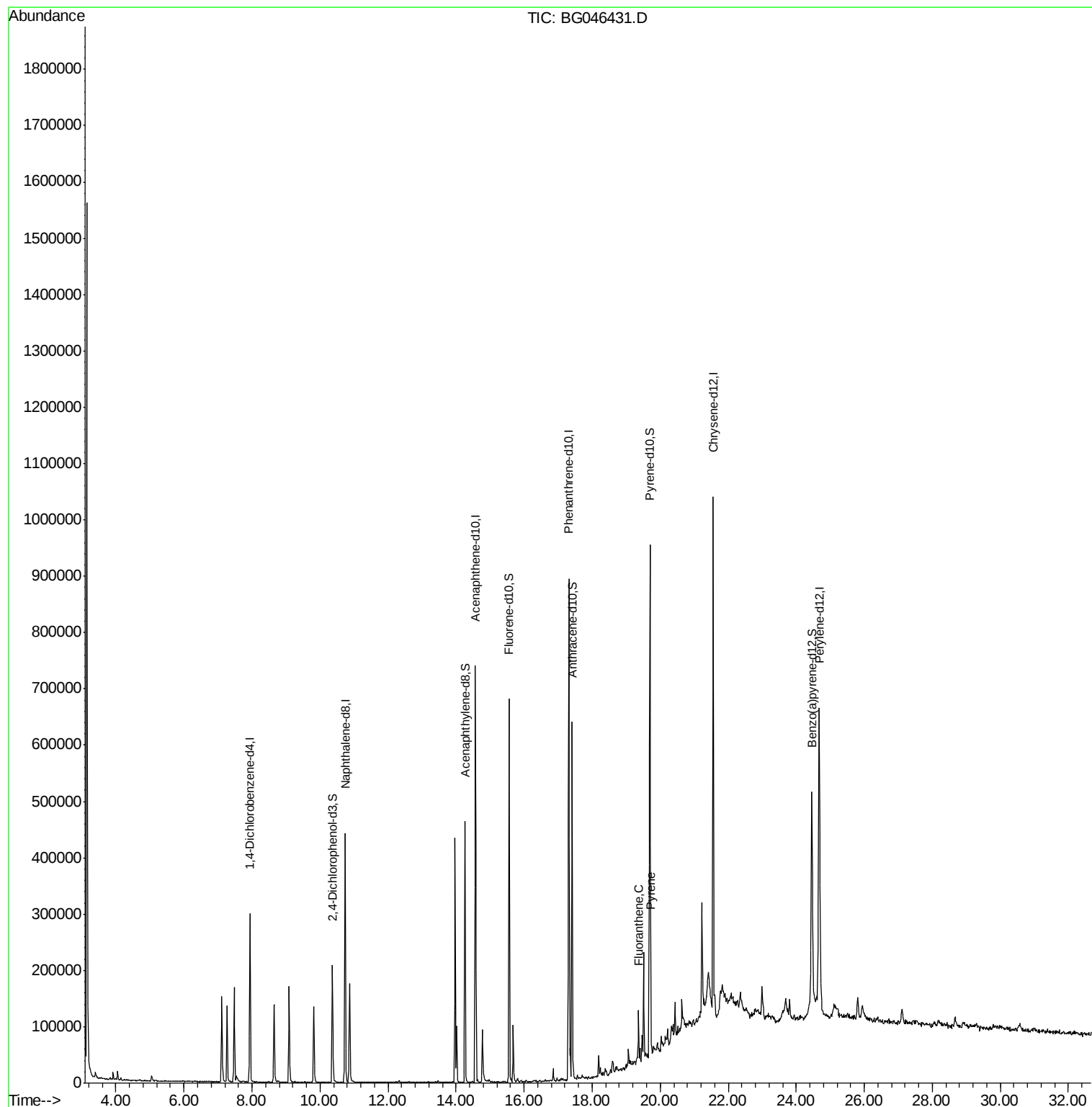
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.94  | 152  | 94153    | 20.00  | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.74 | 136  | 398604   | 20.00  | ng/ul | 0.00     |
| 6) Acenaphthene-d10         | 14.57 | 164  | 263455   | 20.00  | ng/ul | 0.00     |
| 12) Phenanthrene-d10        | 17.31 | 188  | 576407   | 20.00  | ng/ul | 0.00     |
| 18) Chrysene-d12            | 21.56 | 240  | 575123   | 20.00  | ng/ul | 0.00     |
| 23) Perylene-d12            | 24.67 | 264  | 577755   | 20.00  | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 3) 2,4-Dichlorophenol-d3    | 10.36 | 165  | 92931    | 13.54  | ng/ul | 0.00     |
| 7) Acenaphthylene-d8        | 14.26 | 160  | 358085   | 14.77  | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.56 | 176  | 282549   | 15.21  | ng/ul | 0.00     |
| 15) Anthracene-d10          | 17.41 | 188  | 394420   | 14.76  | ng/ul | 0.00     |
| 19) Pyrene-d10              | 19.70 | 212  | 440251   | 14.87  | ng/ul | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.46 | 264  | 456631   | 14.48  | ng/ul | -0.01    |
| Target Compounds            |       |      |          | Qvalue |       |          |
| 17) Fluoranthene            | 19.36 | 202  | 57256    | 1.619  | ng/ul | 98       |
| 20) Pyrene                  | 19.72 | 202  | 47018    | 1.245  | ng/ul | 98       |

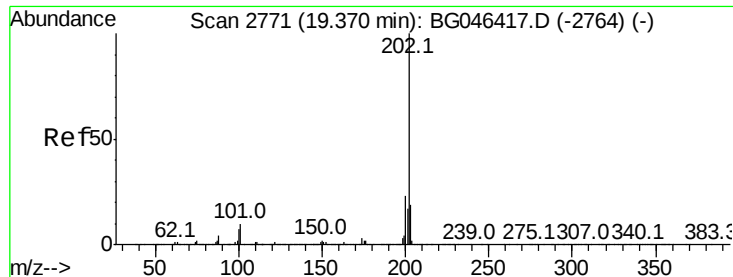
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BFMY4

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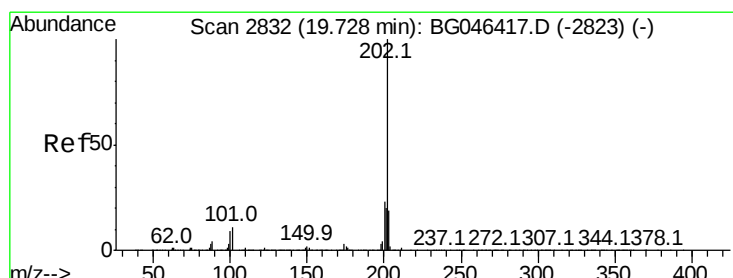
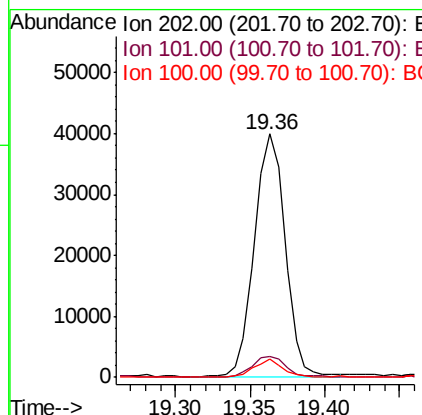
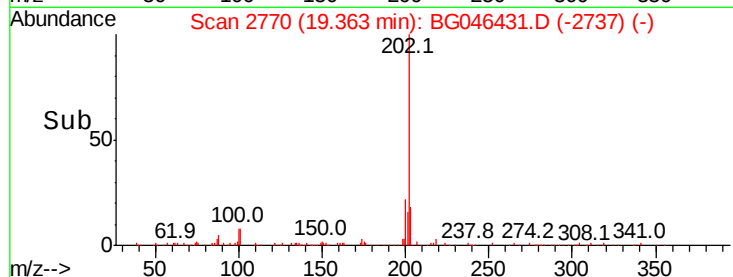
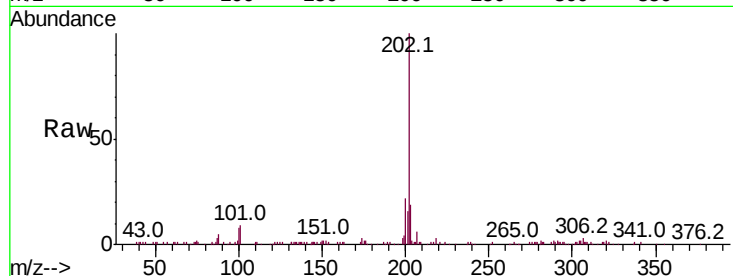




#17  
**Fluoranthene**  
 Concen: 1.619 ng/ul  
 RT: 19.36 min Scan# 2770  
 Delta R.T. -0.01 min  
 Lab File: BG046431.D  
 Acq: 22 Aug 2020 3:29

Instrument :  
 BNA\_G  
 ClientSampled :  
 BFMY4

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 202   | Resp: | 57256 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 8.7   | 7.8   | 11.6  |
| 100      | 7.6   | 5.9   | 8.9   |



#20  
**Pyrene**  
 Concen: 1.245 ng/ul  
 RT: 19.72 min Scan# 2831  
 Delta R.T. -0.01 min  
 Lab File: BG046431.D  
 Acq: 22 Aug 2020 3:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 47018 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 10.2  | 8.9   | 13.3  |
| 100      | 10.4  | 7.9   | 11.9  |

