

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051817\  
 Data File : BG027023.D  
 Acq On : 19 May 2017 3:50  
 Operator : SJ/MA  
 Sample : I3136-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DAC17

Manual Integrations  
 APPROVED

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 5/22/2017 11:04:43 AM

Quant Time: May 19 06:36:55 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 19 04:25:04 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.01  | 152  | 253618   | 20.00 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.80 | 136  | 1233775  | 20.00 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.62 | 164  | 657795   | 20.00 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.35 | 188  | 1220362  | 20.00 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.60 | 240  | 1137008  | 20.00 | ng/ul  | 0.00     |
| 22) Perylene-d12            | 24.76 | 264  | 1270144  | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 7) Acenaphthylene-d8        | 14.31 | 160  | 694558   | 10.29 | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.60 | 176  | 458023   | 10.18 | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.45 | 188  | 640941m  | 10.77 | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.73 | 212  | 639087   | 10.77 | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.54 | 264  | 697090   | 11.05 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 16) Fluoranthene            | 19.40 | 202  | 88218    | 1.26  | ng/ul# | 94       |
| 19) Pyrene                  | 19.76 | 202  | 83680    | 1.13  | ng/ul# | 85       |
| 23) Benzo(b)fluoranthene    | 23.76 | 252  | 85917    | 1.14  | ng/ul# | 88       |

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

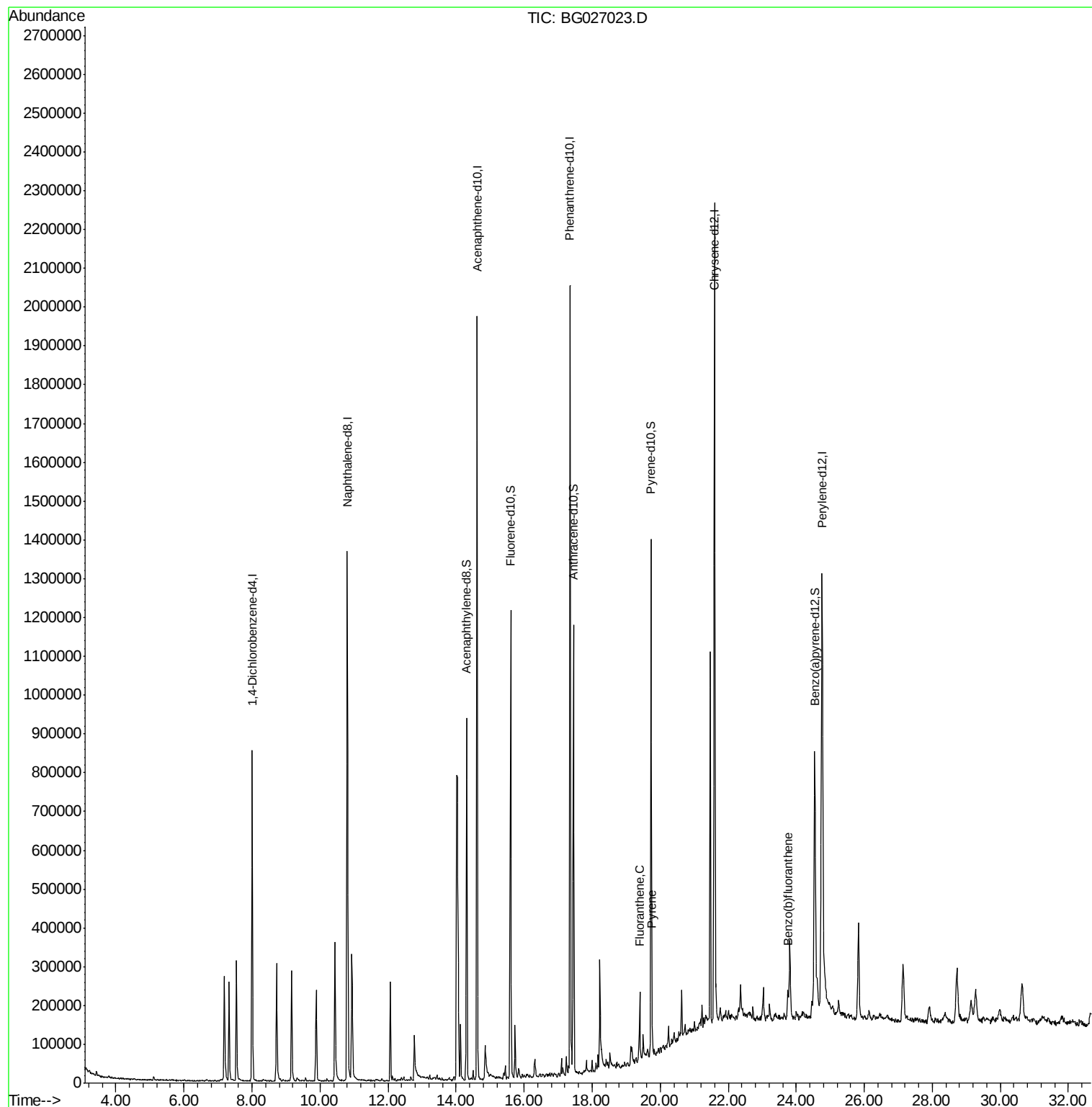
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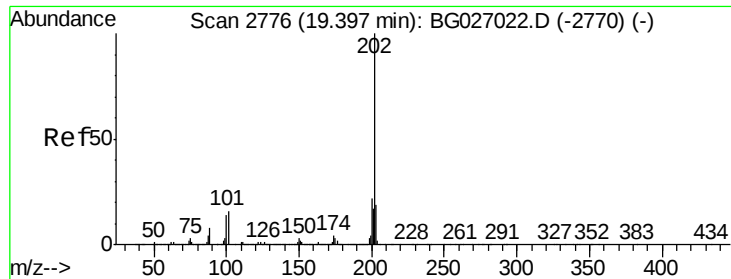
Instrument :  
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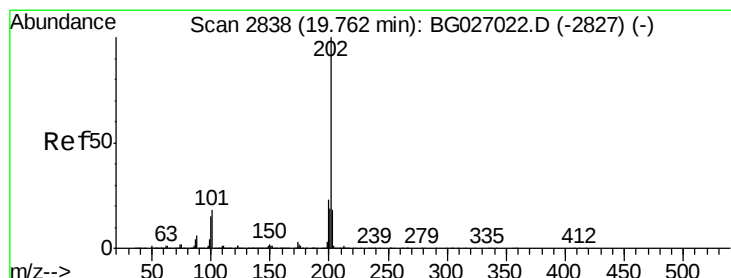
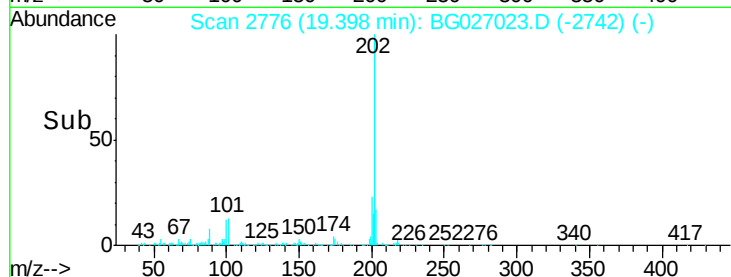
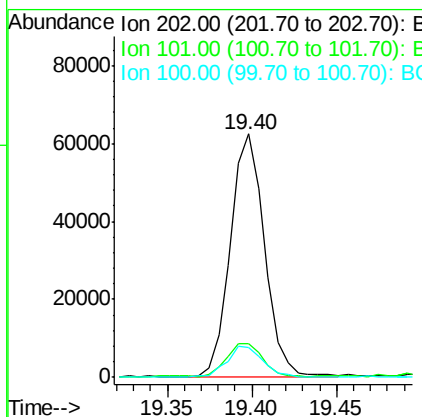
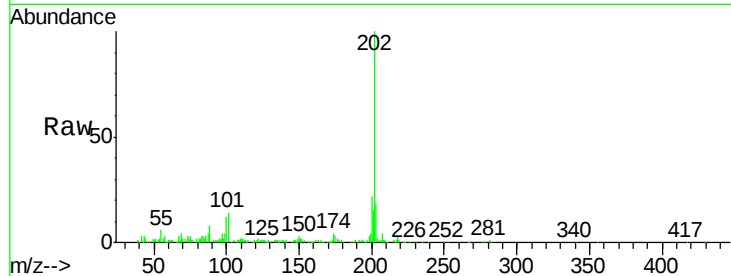
#16  
Fluoranthene  
Concen: 1.26 ng/ul  
RT: 19.40 min Scan# 2776  
Delta R.T. 0.00 min  
Lab File: BG027023.D  
Acq: 19 May 2017 3:50

Instrument :  
BNA\_G  
ClientSampleId :  
DAC17

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 13.6  | 9.9        | 14.9       |
| 100     | 12.4  | 7.4        | 11.0       |

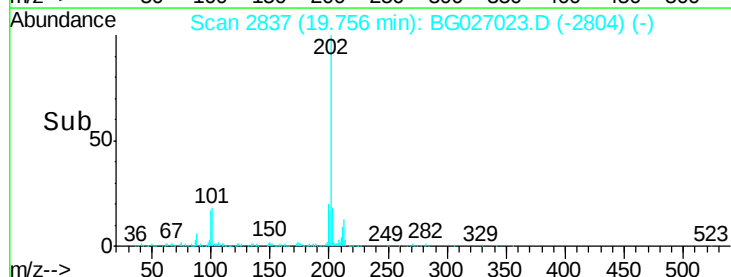
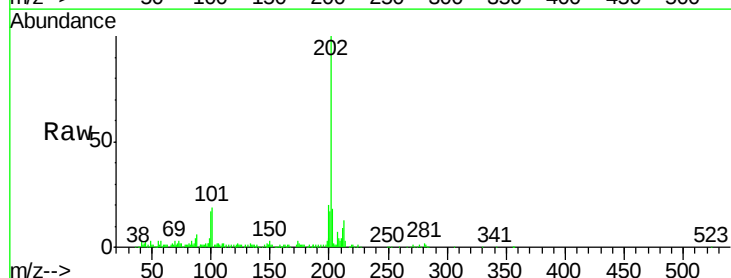
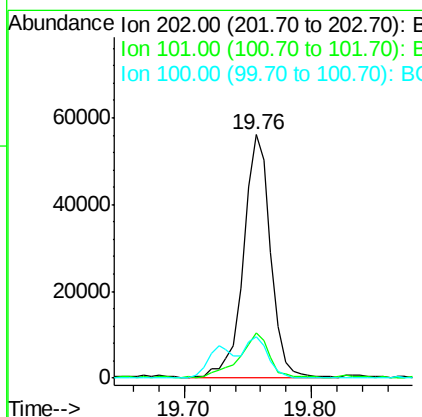
Manual Integrations  
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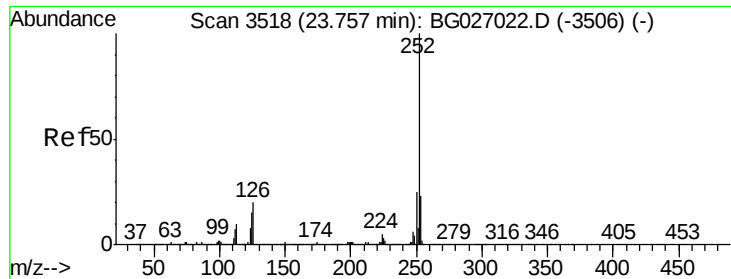
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#19  
Pyrene  
Concen: 1.13 ng/ul  
RT: 19.76 min Scan# 2837  
Delta R.T. -0.01 min  
Lab File: BG027023.D  
Acq: 19 May 2017 3:50

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 18.6  | 11.0       | 16.4       |
| 100     | 17.2  | 8.1        | 12.1       |





#23

Benzo(b)fluoranthene

Concen: 1.14 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG027023.D

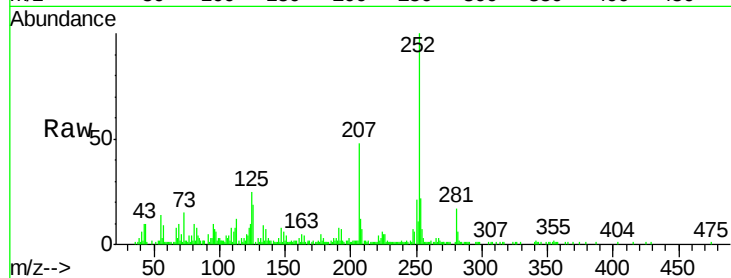
Acq: 19 May 2017 3:50

Instrument :

BNA\_G

ClientSampleId :

DAC17



Tgt Ion: 252 Resp: 85917

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 24.5 8.0 12.0#

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