

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\  
 Data File : BG027143.D  
 Acq On : 25 May 2017 00:45  
 Operator : SJ/MA  
 Sample : I3277-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: May 25 04:54:17 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 25 04:52:31 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 236667   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.80 | 136  | 1156022  | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.62 | 164  | 613695   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.36 | 188  | 1103593  | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.60 | 240  | 984134   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.78 | 264  | 897239   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 14.31 | 160  | 1675653  | 26.62 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.61 | 176  | 1079971  | 25.72 | ng/ul | 0.00     |
| 14) Anthracene-d10          | 17.36 | 188  | 1103593  | 20.51 | ng/ul | -0.10    |
| 18) Pyrene-d10              | 19.73 | 212  | 1373404  | 26.73 | ng/ul | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.56 | 264  | 1202834  | 26.98 | ng/ul | 0.00     |

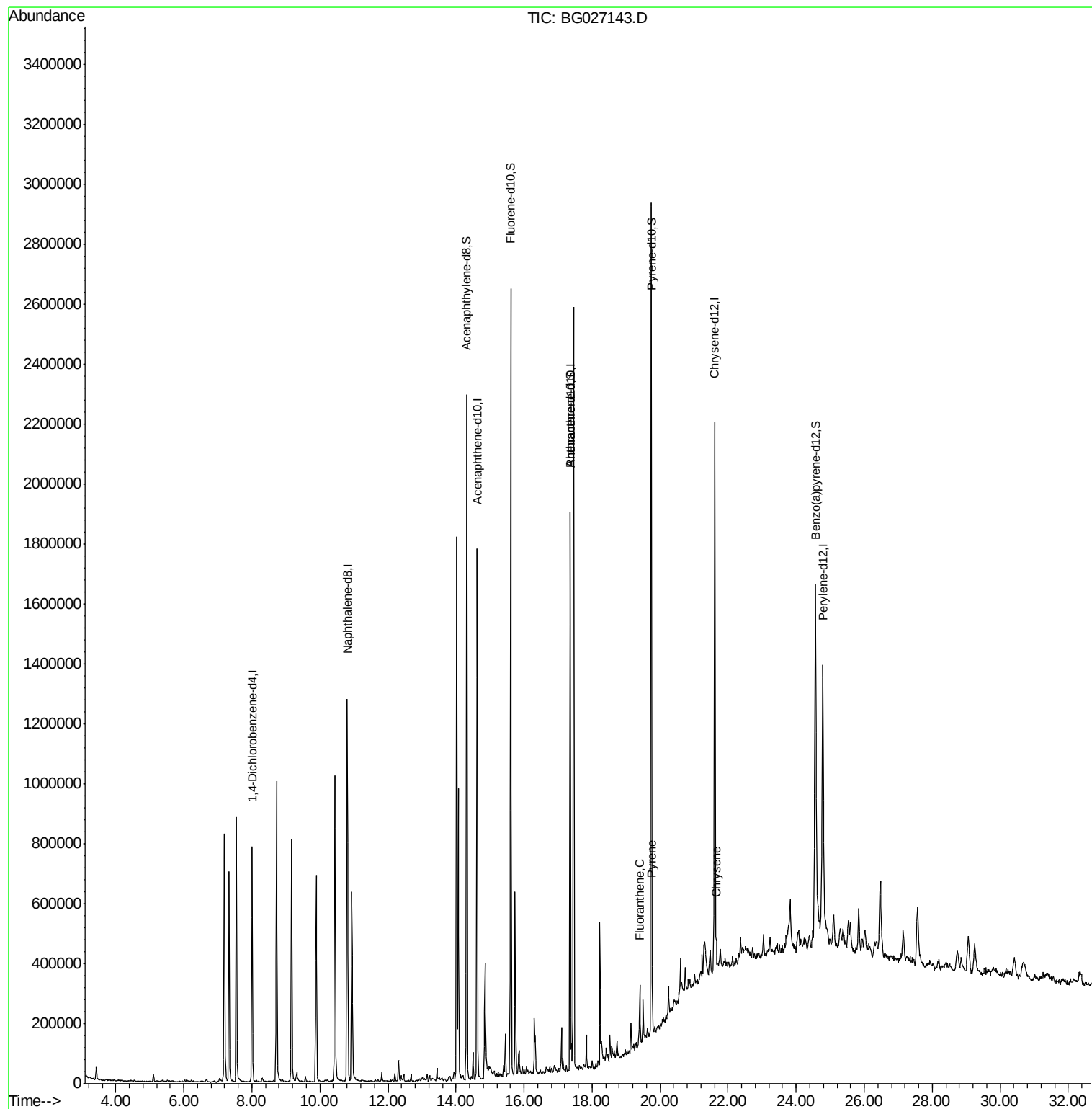
| Target Compounds | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|------------------|-------|------|----------|------|--------|--------|
| 16) Fluoranthene | 19.41 | 202  | 96380    | 1.53 | ng/ul# | 92     |
| 19) Pyrene       | 19.76 | 202  | 91618    | 1.42 | ng/ul# | 90     |
| 21) Chrysene     | 21.65 | 228  | 57271    | 1.05 | ng/ul# | 95     |

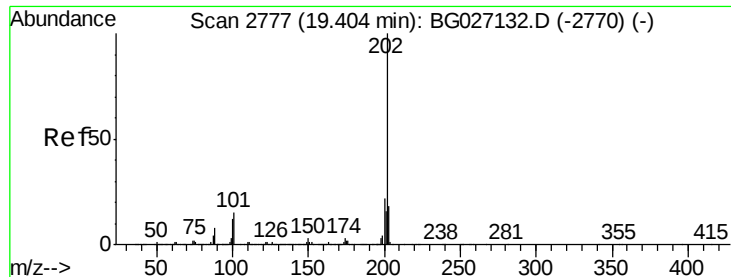
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Fluoranthene

Concen: 1.53 ng/ul

RT: 19.41 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG027143.D

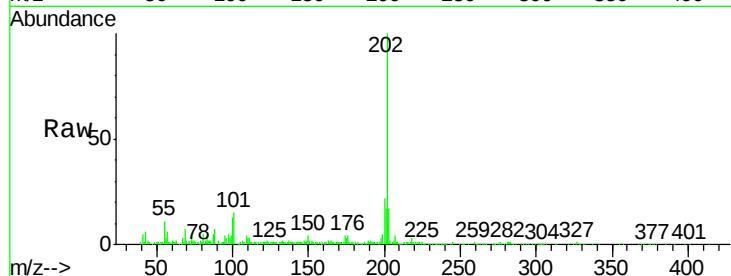
Acq: 25 May 2017 00:45

Instrument :

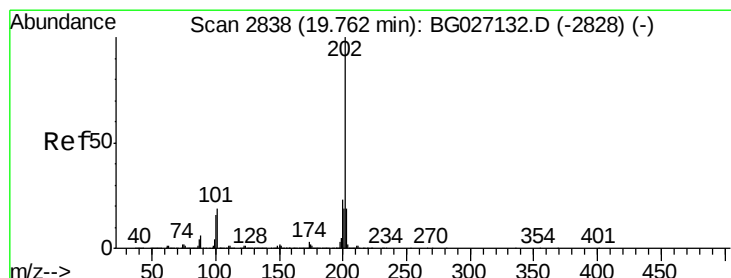
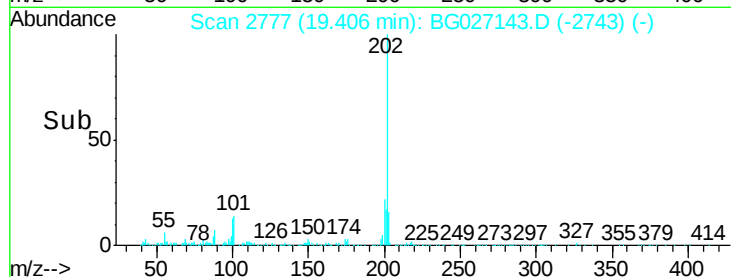
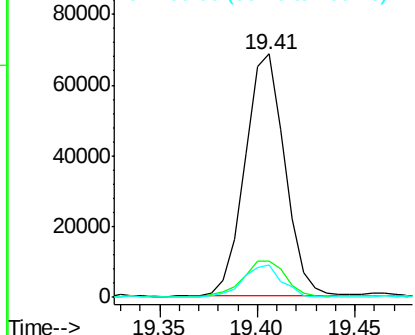
BNA\_G

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 202   | Resp: | 96380 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 14.9  | 9.9   | 14.9  |
| 100      | 13.3  | 7.4   | 11.0# |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B



#19

Pyrene

Concen: 1.42 ng/ul

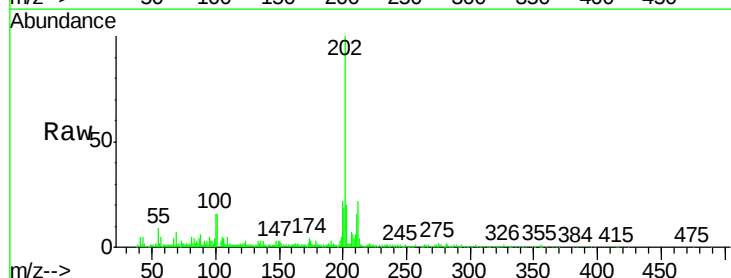
RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

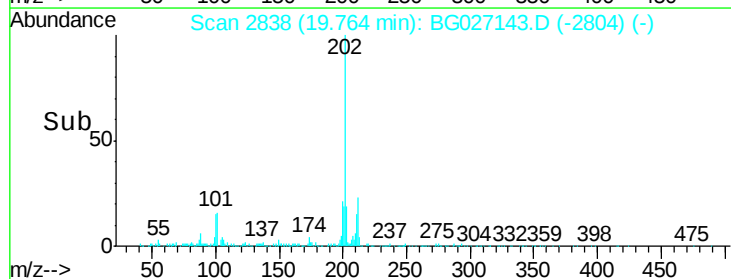
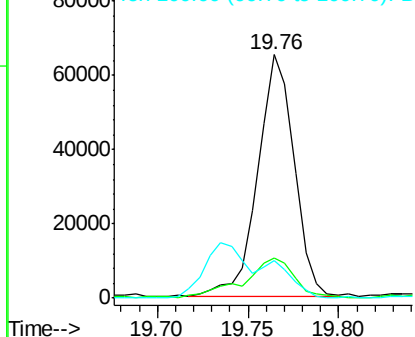
Lab File: BG027143.D

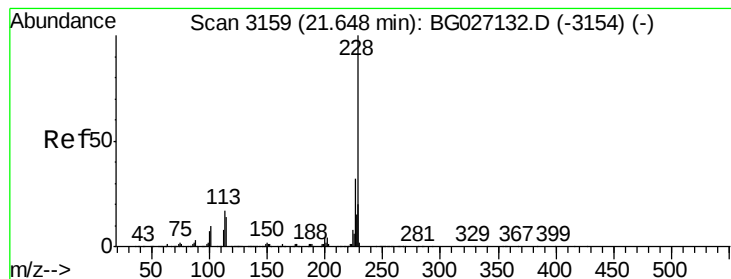
Acq: 25 May 2017 00:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 91618 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 16.4  | 11.0  | 16.4  |
| 100      | 15.6  | 8.1   | 12.1# |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B





#21

Chrysene

Concen: 1.05 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG027143.D

Acq: 25 May 2017 00:45

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 57271

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 24.7 15.8 23.8#

