

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG031517\  
Data File : BG026260.D  
Acq On : 16 Mar 2017 8:07  
Operator : SJ/MA  
Sample : I2236-20  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

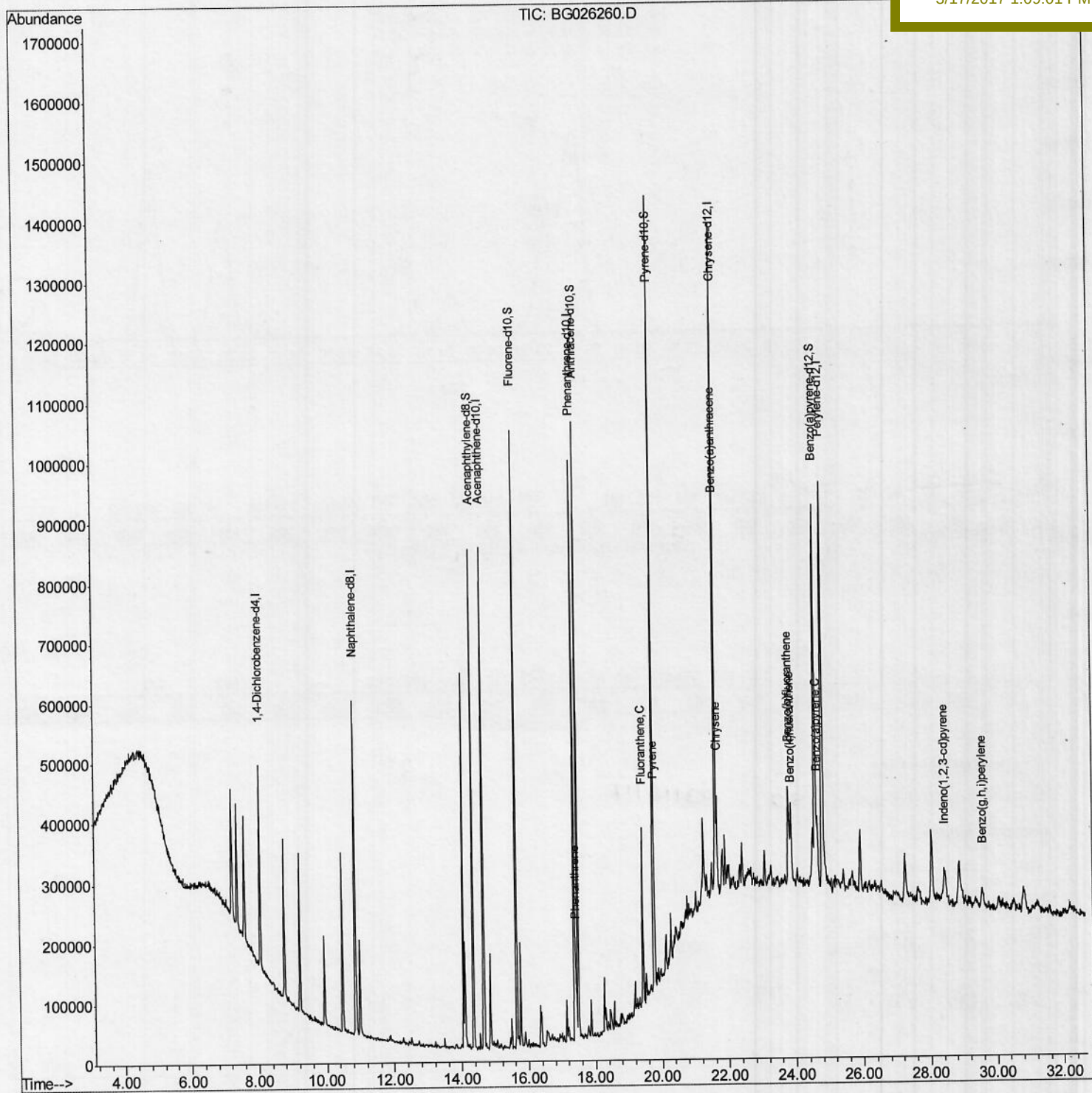
Quant Time: Mar 16 13:32:56 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.3-EPA-BG021617MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 16 04:25:12 2017  
Response via : Initial Calibration

Instrument :

BNA\_G

Client Sampled :

DABJ6

Manual Integrations  
APPROVEDmohammad  
3/17/2017 1:09:01 PM

# Quantitation Report (Qedit)

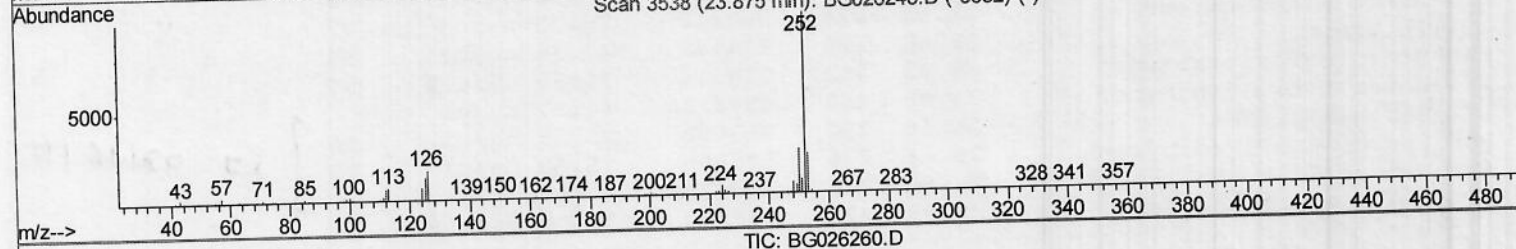
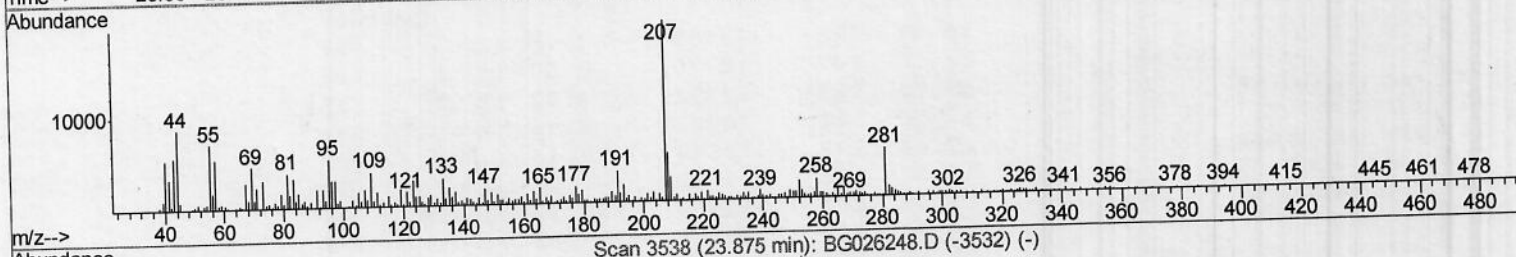
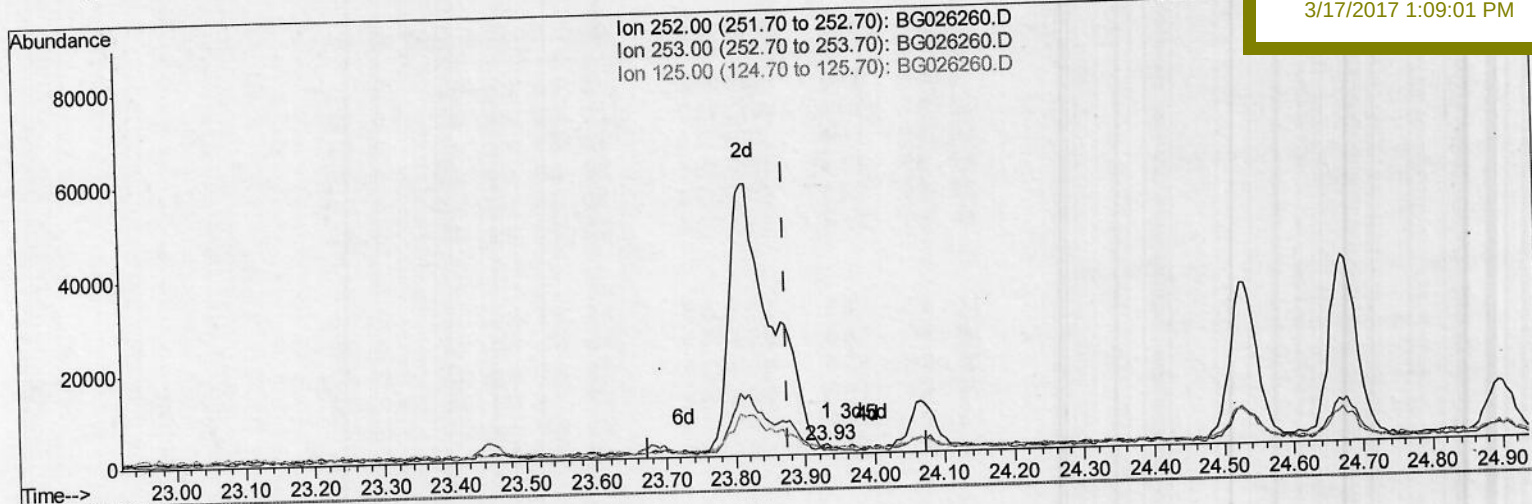
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(24) Benzo(k)fluoranthene

23.931min (+0.057) 0.01ng/ul

response 330

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 47.95# |
| 125.00 | 10.10 | 58.02# |
| 0.00   | 0.00  | 0.00   |



# Quantitation Report (Qedit)

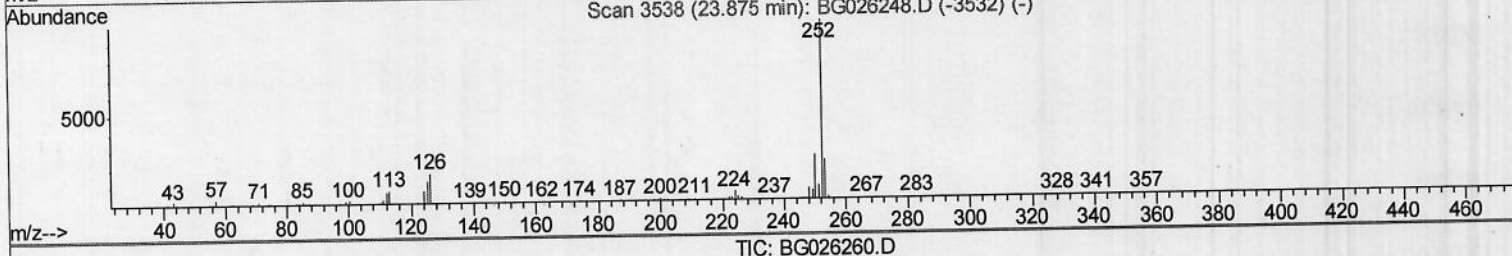
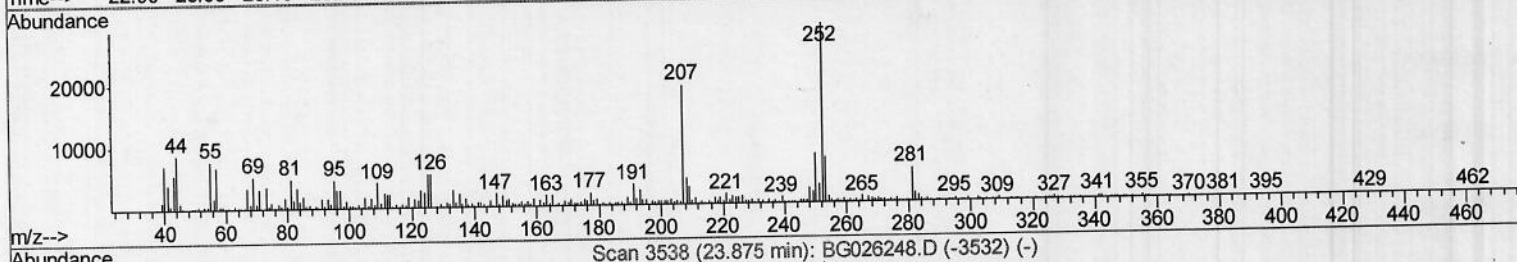
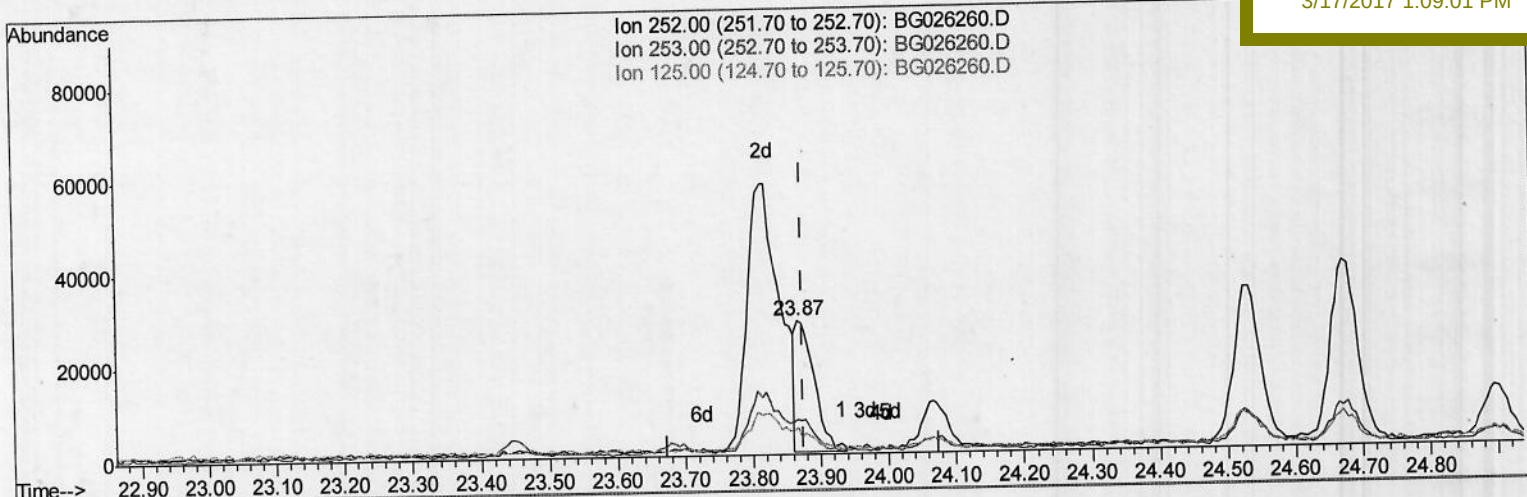
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Manual Integrations  
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(24) Benzo(k)fluoranthene

23.867min (-0.008) 1.58ng/ul m

response 52324

Ion Exp% Act%

252.00 100 100

253.00 22.50 25.75

125.00 10.10 18.99#

0.00 0.00 0.00

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Manual Integrations  
 APPROVED

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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev (Min) |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 91353    | 20.00 | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.86 | 136  | 481138   | 20.00 | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 14.66 | 164  | 261835   | 20.00 | ng/ul  | 0.00      |
| 12) Phenanthrene-d10        | 17.39 | 188  | 572754   | 20.00 | ng/ul  | 0.00      |
| 17) Chrysene-d12            | 21.64 | 240  | 609328   | 20.00 | ng/ul  | 0.00      |
| 22) Perylene-d12            | 24.82 | 264  | 594045   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 7) Acenaphthylene-d8        | 14.35 | 160  | 572865   | 26.42 | ng/ul  | 0.00      |
| 10) Fluorene-d10            | 15.65 | 176  | 399472   | 23.99 | ng/ul  | 0.00      |
| 14) Anthracene-d10          | 17.49 | 188  | 577058   | 22.29 | ng/ul  | 0.00      |
| 18) Pyrene-d10              | 19.77 | 212  | 632172   | 21.53 | ng/ul  | 0.00      |
| 25) Benzo(a)pyrene-d12      | 24.61 | 264  | 587527   | 22.35 | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 13) Phenanthrene            | 17.43 | 178  | 79867    | 2.61  | ng/ul  | 98        |
| 16) Fluoranthene            | 19.43 | 202  | 172346   | 5.13  | ng/ul  | 97        |
| 19) Pyrene                  | 19.79 | 202  | 149954   | 4.07  | ng/ul# | 96        |
| 20) Benzo(a)anthracene      | 21.62 | 228  | 105077   | 3.07  | ng/ul  | 96        |
| 21) Chrysene                | 21.68 | 228  | 114190   | 3.49  | ng/ul  | 95        |
| 23) Benzo(b)fluoranthene    | 23.82 | 252  | 189547   | 5.52  | ng/ul# | 95        |
| 24) Benzo(k)fluoranthene    | 23.87 | 252  | 52324m   | 1.58  | ng/ul  |           |
| 26) Benzo(a)pyrene          | 24.67 | 252  | 104632   | 3.15  | ng/ul# | 92        |
| 27) Indeno(1,2,3-cd)pyrene  | 28.45 | 276  | 78990    | 2.03  | ng/ul# | 85        |
| 29) Benzo(g,h,i)perylene    | 29.60 | 276  | 59700    | 1.86  | ng/ul# | 94        |

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

SJ  
 03/18/2017