

# Quantitation Report (Qedit)

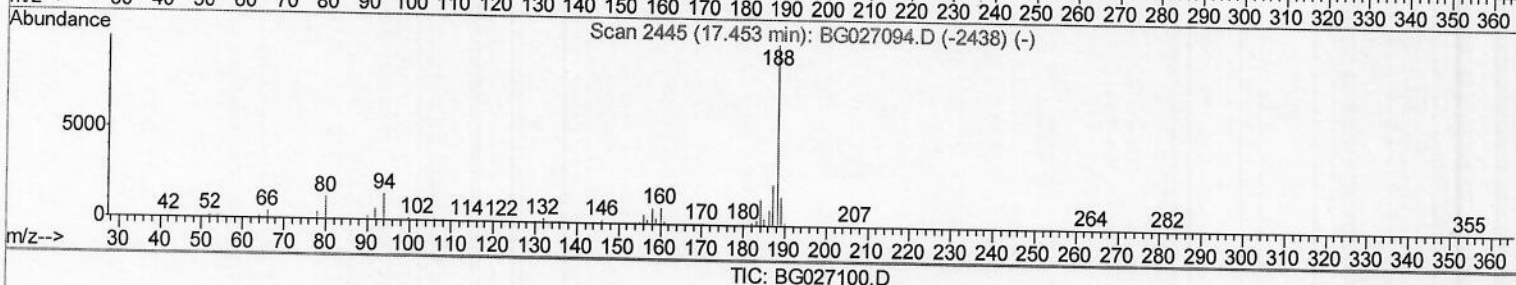
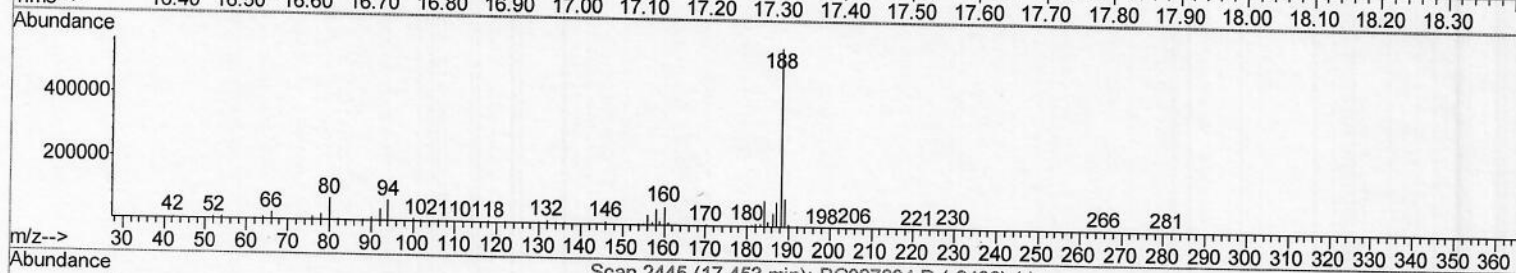
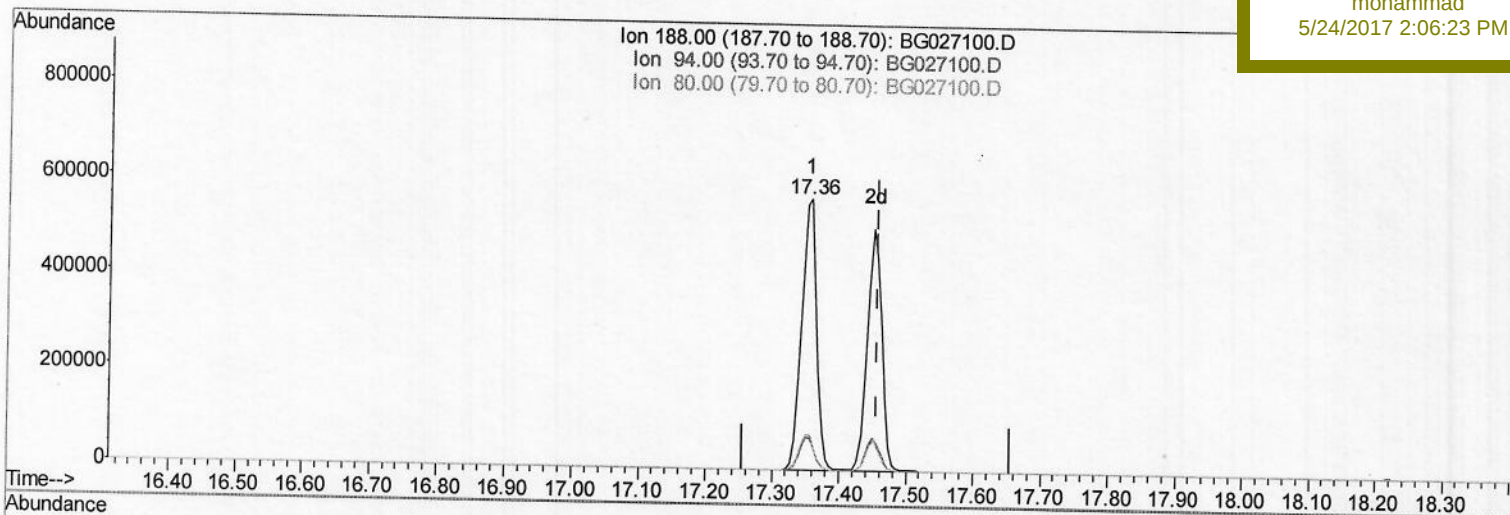
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052417\  
 Data File : BG027100.D  
 Acq On : 23 May 2017 18:35  
 Operator : SJ/MA  
 Sample : I3275-17MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 23 19:12:04 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 23 17:47:51 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DAC70MSD

Manual Integrations  
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(14) Anthracene-d10 (S)  
 17.356min (-0.100) 20.51ng/ul  
 response 875645

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.10 | 11.46 |
| 80.00  | 11.80 | 12.19 |
| 0.00   | 0.00  | 0.00  |

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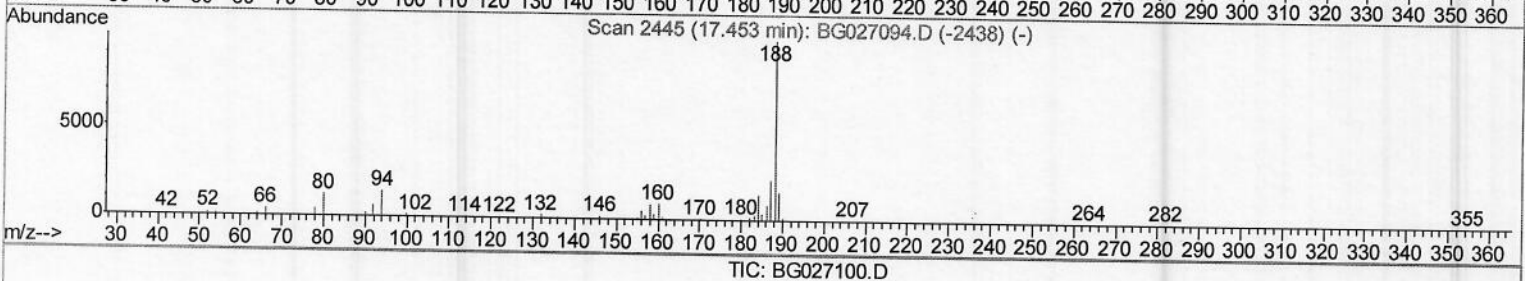
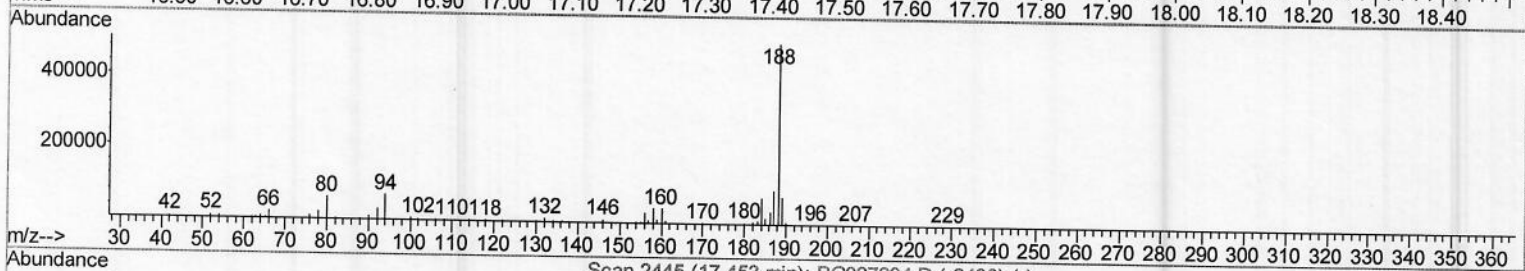
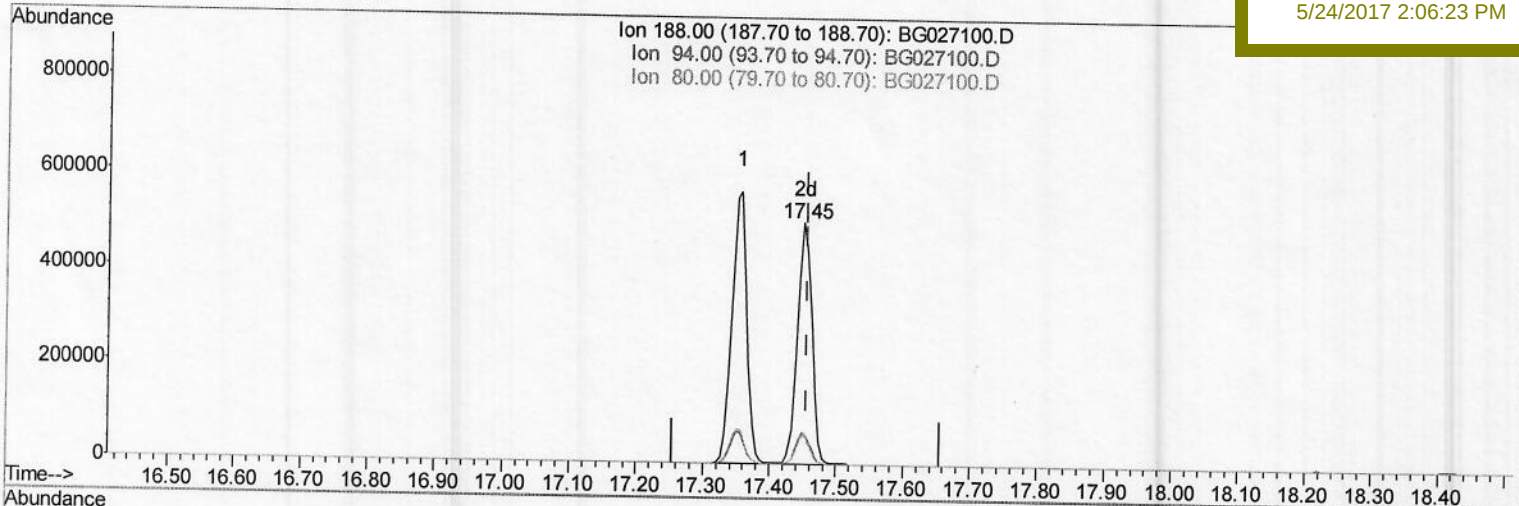
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TIC: BG027100.D

(14) Anthracene-d10 (S)

17.450min (-0.006) 17.88ng/ul m

response 763326

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.10 | 13.46# |
| 80.00  | 11.80 | 12.25  |
| 0.00   | 0.00  | 0.00   |

> 5.7  
 05/30/17

# Quantitation Report (Qedit)

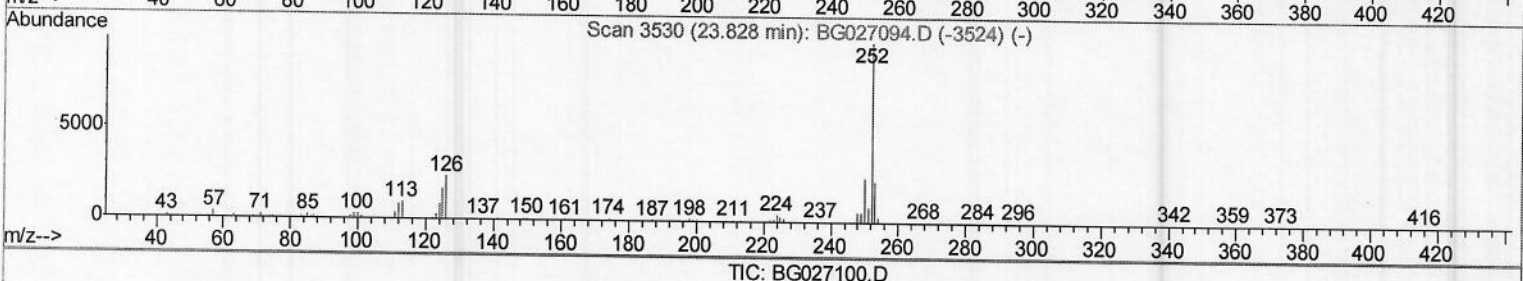
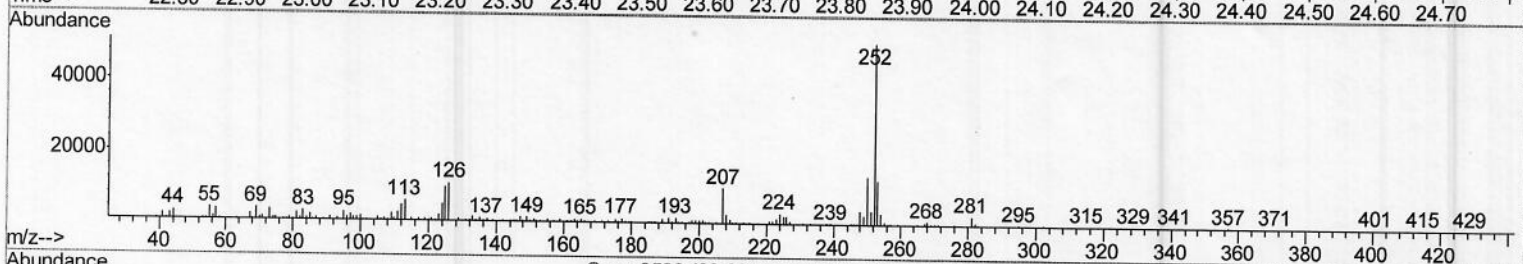
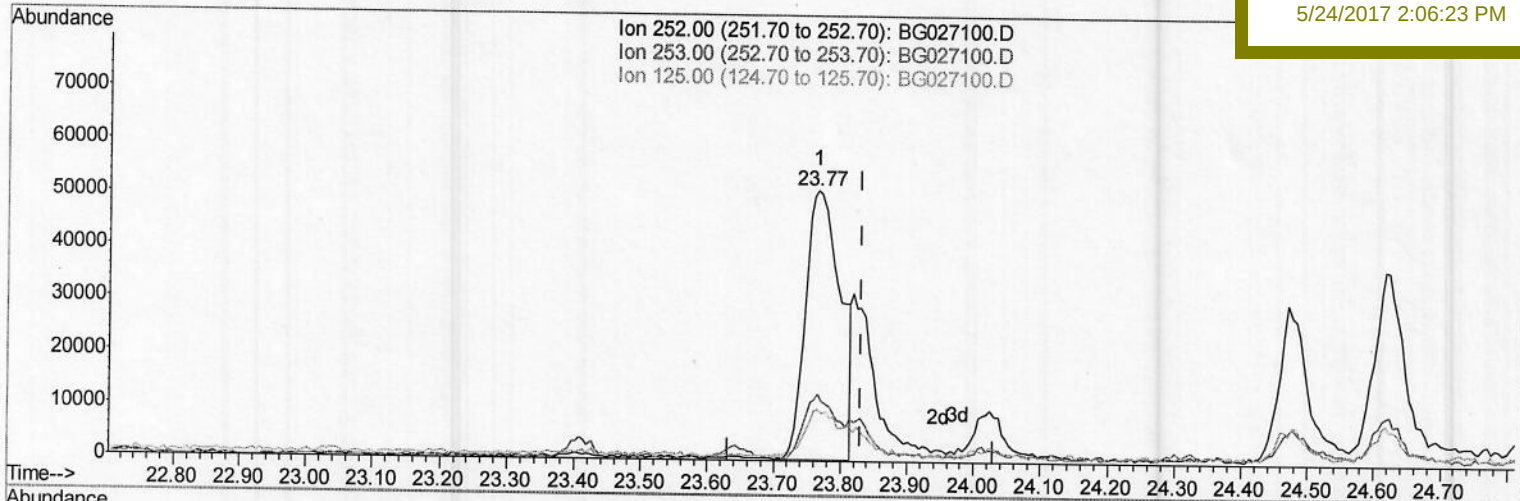
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 Operator : SJ/MA  
 Sample : I3275-17MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 23 19:13:01 2017  
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 Client Sample ID :  
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TIC: BG027100.D

(24) Benzo(k)fluoranthene  
 23.766min (-0.065) 4.16ng/ui  
 response 183848  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 24.96  |
| 125.00 | 10.10 | 19.23# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052417\  
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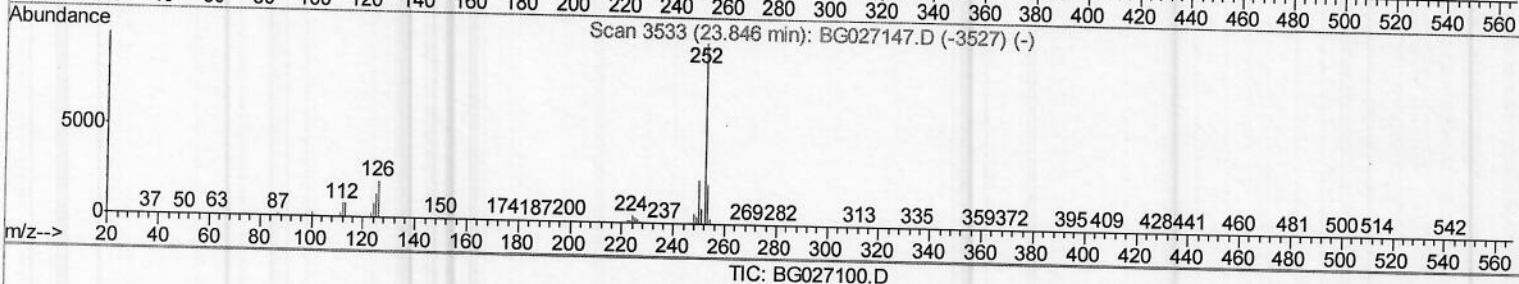
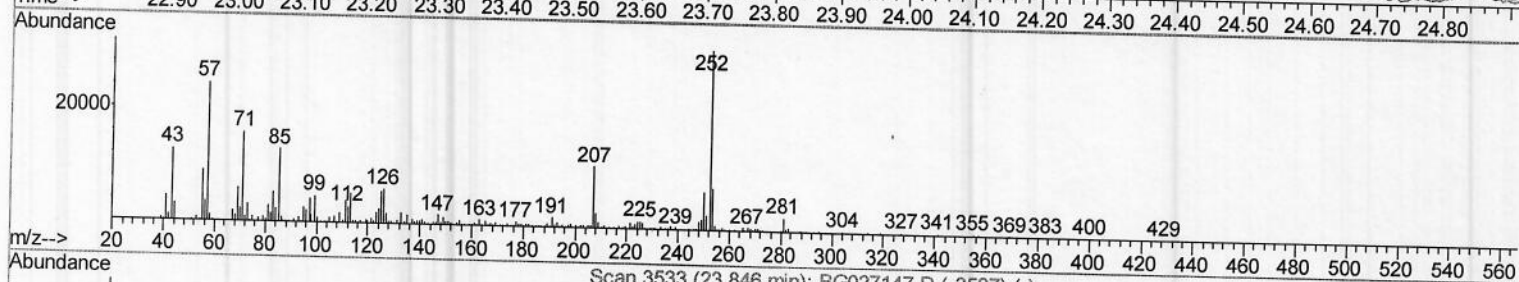
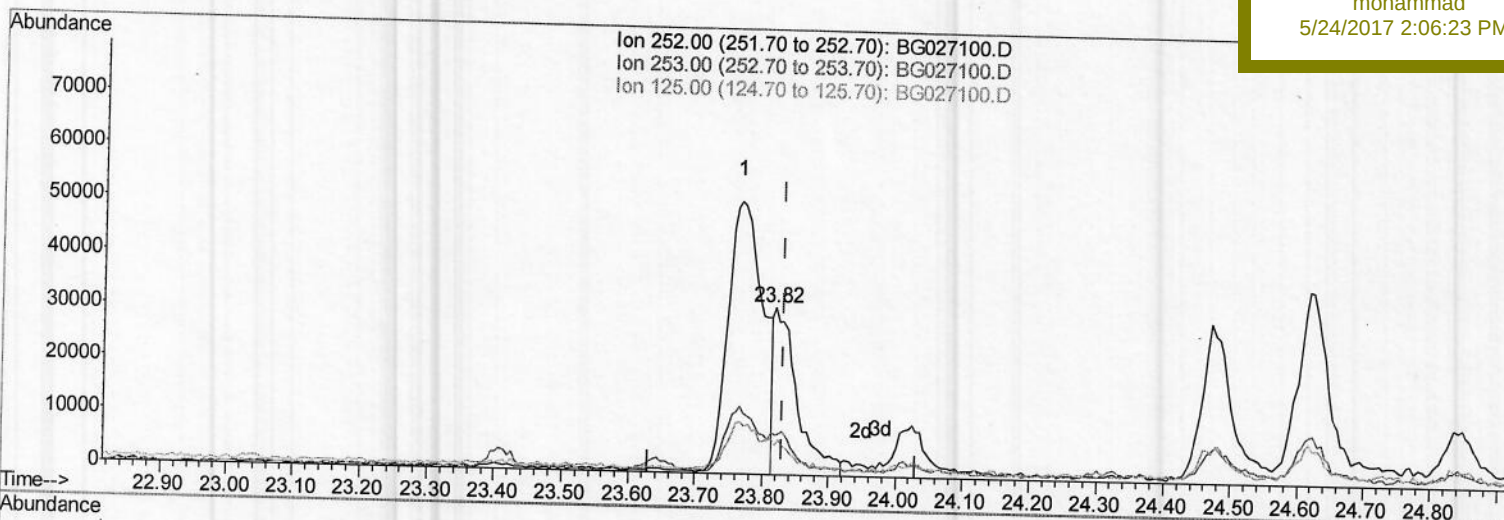
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(24) Benzo(k)fluoranthene

23.819min (-0.012) 1.75ng/ul m

response 77364

Ion Exp% Act%

252.00 100 100

253.00 22.50 23.54

125.00 10.10 17.92#

0.00 0.00 0.00

> 5.1  
05/30/17

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Instrument :

BNA\_G

ClientSampled :

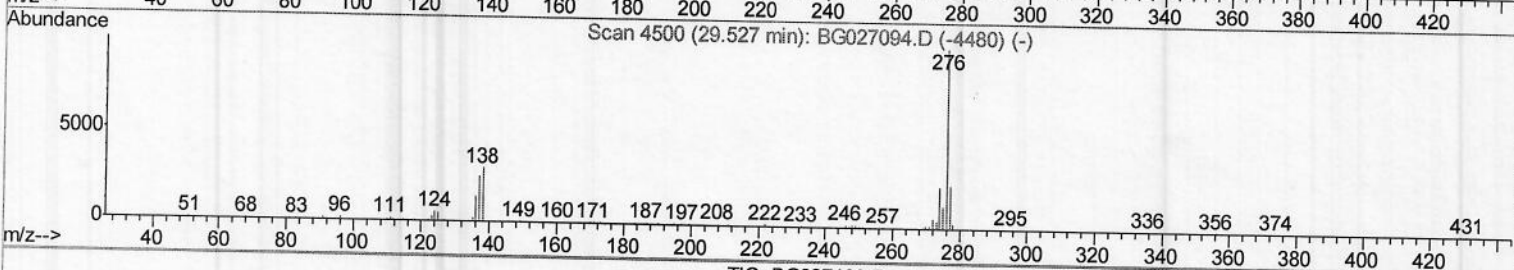
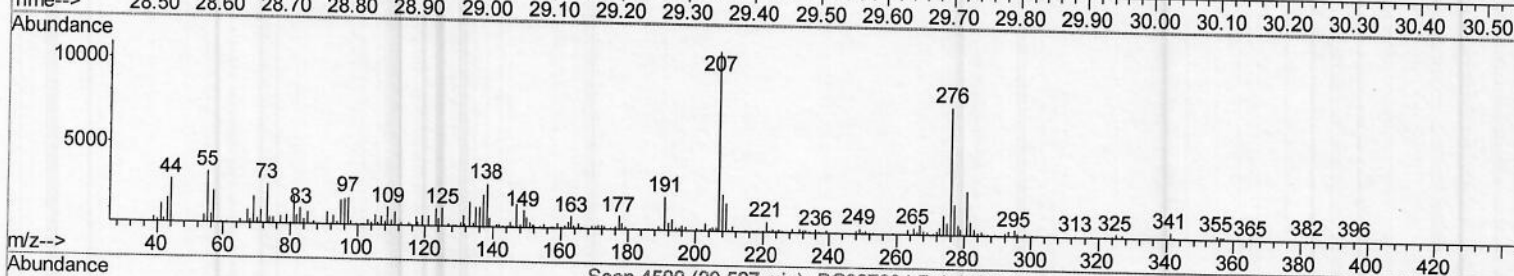
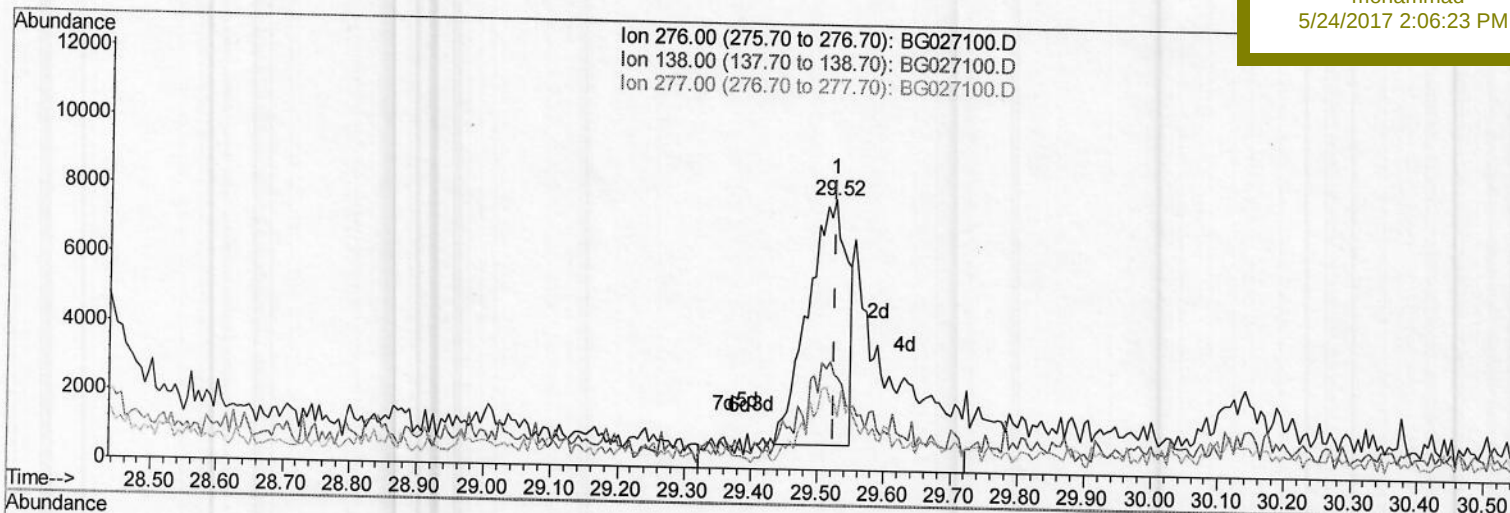
DAC70MSD

Manual Integrations

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TIC: BG027100.D

(29) Benzo(g,h,i)perylene

29.524min (-0.000) 0.93ng/ul

response 28604

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 19.10 | 35.19# |
| 277.00 | 23.70 | 25.13  |
| 0.00   | 0.00  | 0.00   |

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 Sample : I3275-17MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA\_G

Client Sampled :

DAC70MSD

Manual Integrations

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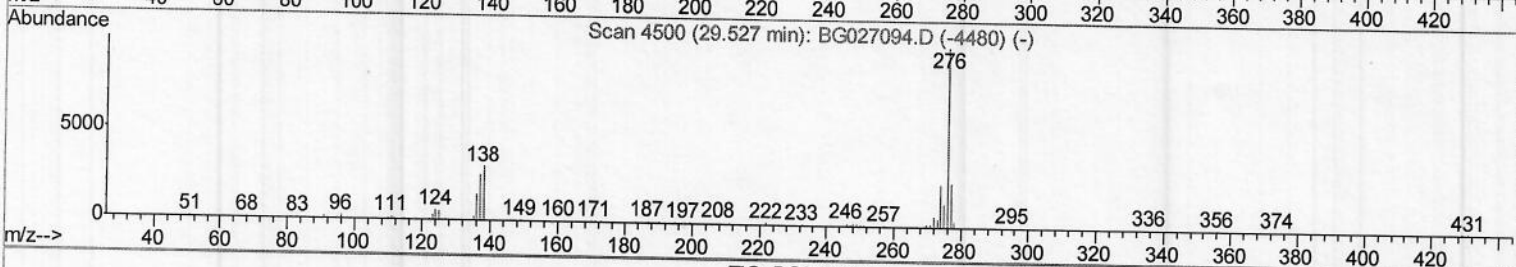
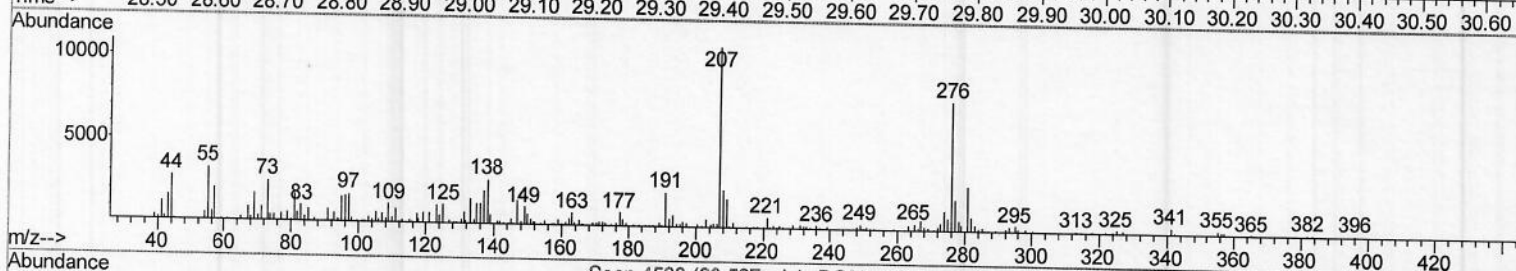
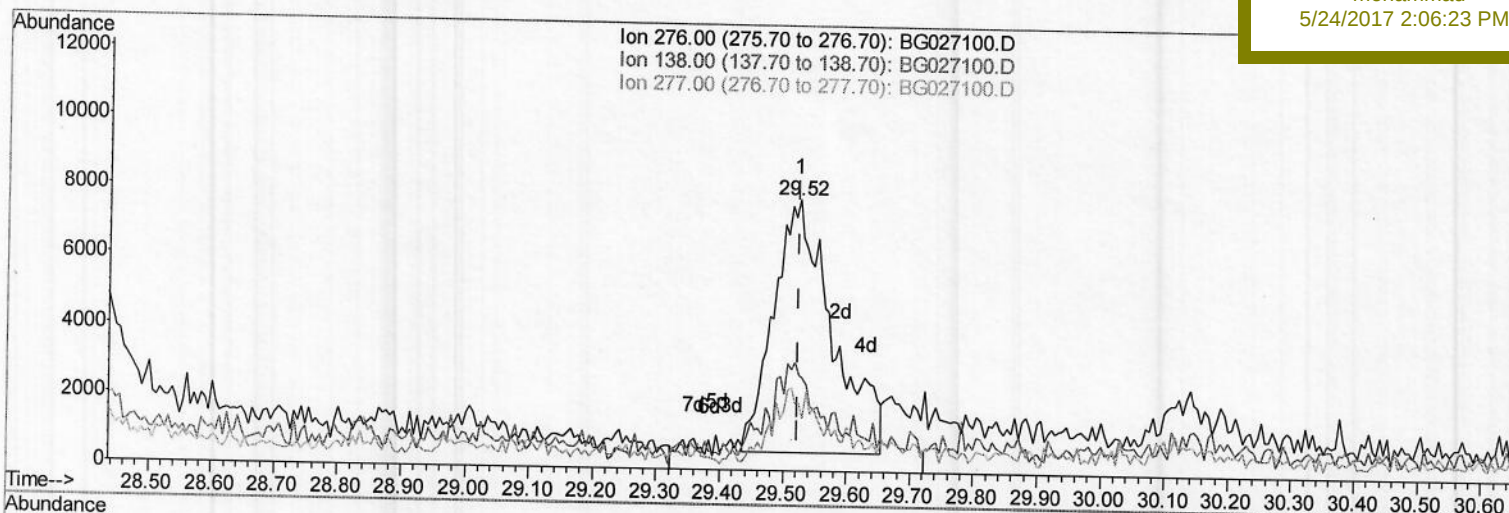
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Quant Title : SVOA CALIBRATION

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Response via : Initial Calibration



TIC: BG027100.D

(29) Benzo(g,h,i)perylene

29.524min (-0.000) 1.54ng/ul m

response 47274

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 19.10 | 35.19# |
| 277.00 | 23.70 | 25.13  |
| 0.00   | 0.00  | 0.00   |

5.9  
05/30/17

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052417\  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 190970   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.80 | 136  | 900528   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.62 | 164  | 480564   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.36 | 188  | 875645   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.60 | 240  | 807237   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.77 | 264  | 723519   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                        |       |     |         |       |       |      |
|------------------------|-------|-----|---------|-------|-------|------|
| 7) Acenaphthylene-d8   | 14.31 | 160 | 859759  | 17.44 | ng/ul | 0.00 |
| 10) Fluorene-d10       | 15.60 | 176 | 548638  | 16.68 | ng/ul | 0.00 |
| 14) Anthracene-d10     | 17.45 | 188 | 763326m | 17.88 | ng/ul | 0.00 |
| 18) Pyrene-d10         | 19.74 | 212 | 762928  | 18.10 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 24.55 | 264 | 651645  | 18.13 | ng/ul | 0.00 |

5.5  
 05/30/17

## Target Compounds

|                            |       |     |         |       | Qvalue |    |
|----------------------------|-------|-----|---------|-------|--------|----|
| 9) Acenaphthene            | 14.68 | 153 | 602805  | 17.77 | ng/ul  | 98 |
| 13) Phenanthrene           | 17.40 | 178 | 89844   | 1.84  | ng/ul  | 96 |
| 16) Fluoranthene           | 19.40 | 202 | 190285  | 3.80  | ng/ul# | 94 |
| 19) Pyrene                 | 19.76 | 202 | 1124998 | 21.32 | ng/ul# | 88 |
| 20) Benzo(a)anthracene     | 21.59 | 228 | 113756  | 2.34  | ng/ul  | 97 |
| 21) Chrysene               | 21.64 | 228 | 120843  | 2.71  | ng/ul  | 97 |
| 23) Benzo(b)fluoranthene   | 23.77 | 252 | 183848  | 4.28  | ng/ul# | 89 |
| 24) Benzo(k)fluoranthene   | 23.82 | 252 | 77364m  | 1.75  | ng/ul  |    |
| 26) Benzo(a)pyrene         | 24.62 | 252 | 102871  | 2.45  | ng/ul# | 86 |
| 27) Indeno(1,2,3-cd)pyrene | 28.38 | 276 | 50879   | 1.31  | ng/ul# | 86 |
| 29) Benzo(g,h,i)perylene   | 29.52 | 276 | 47274m  | 1.54  | ng/ul  |    |

5.5  
 05/30/17

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

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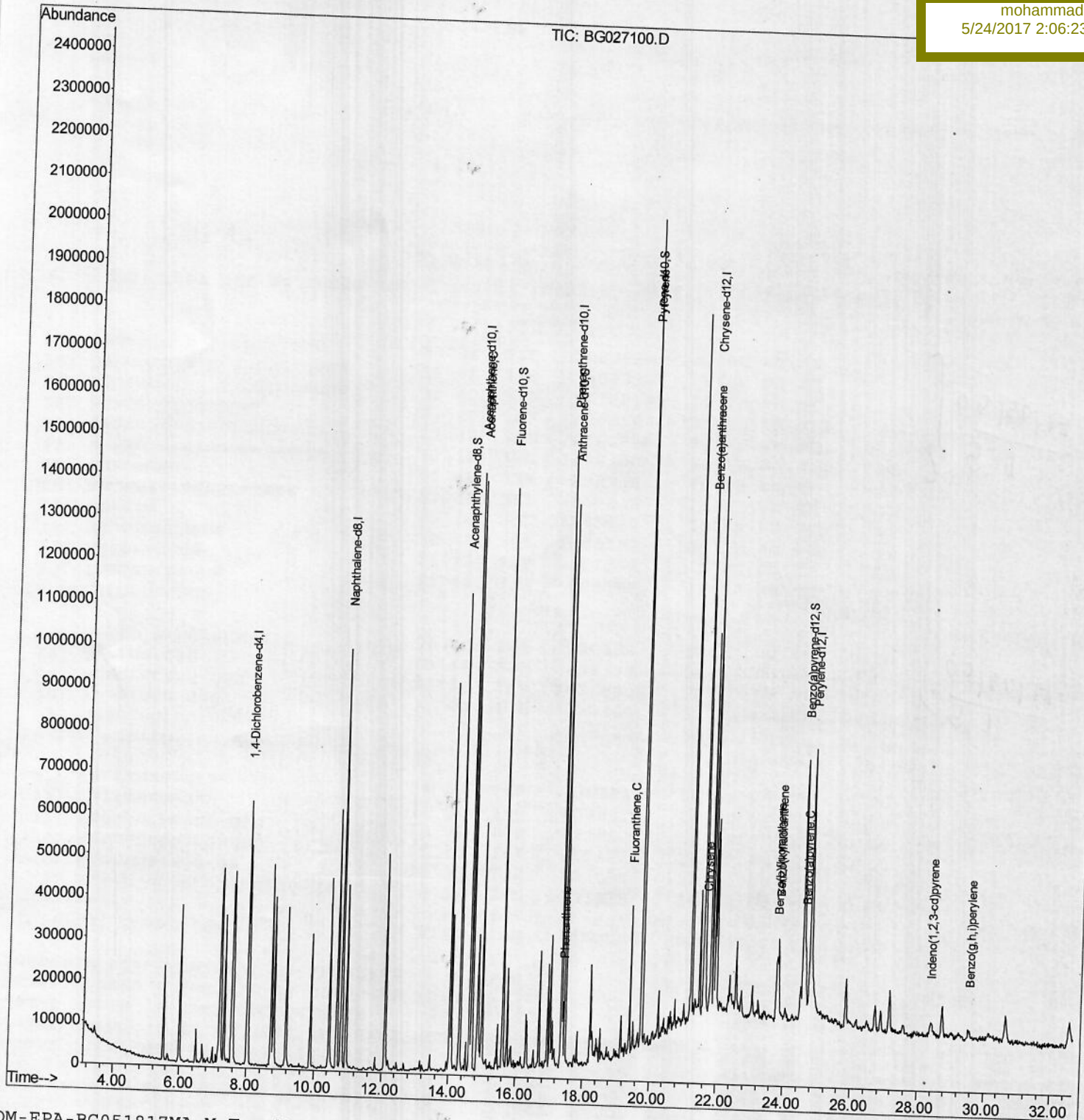
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Manual Integrations

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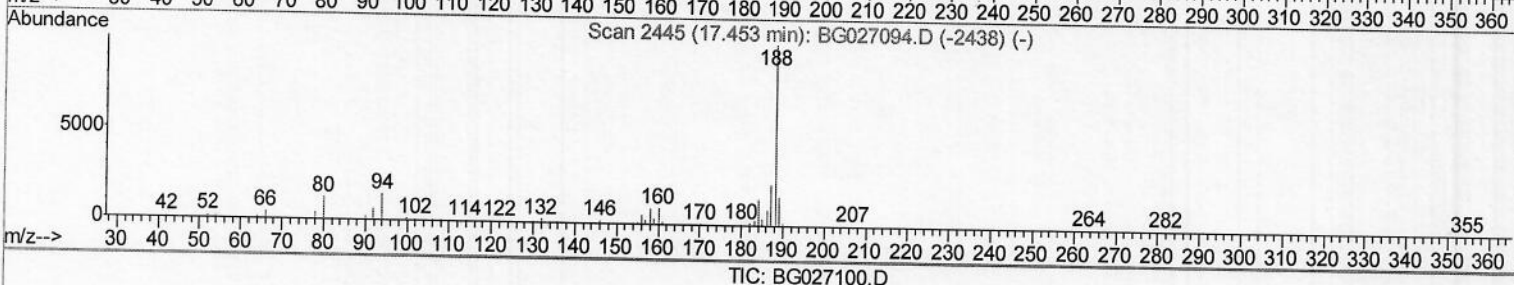
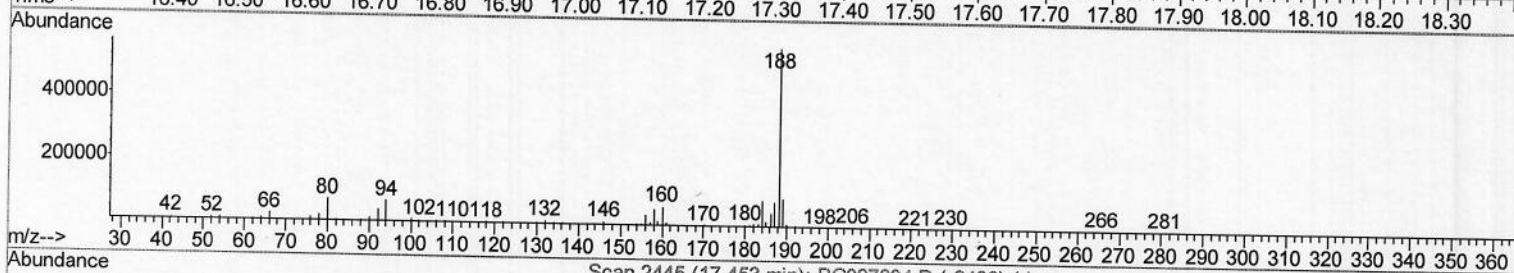
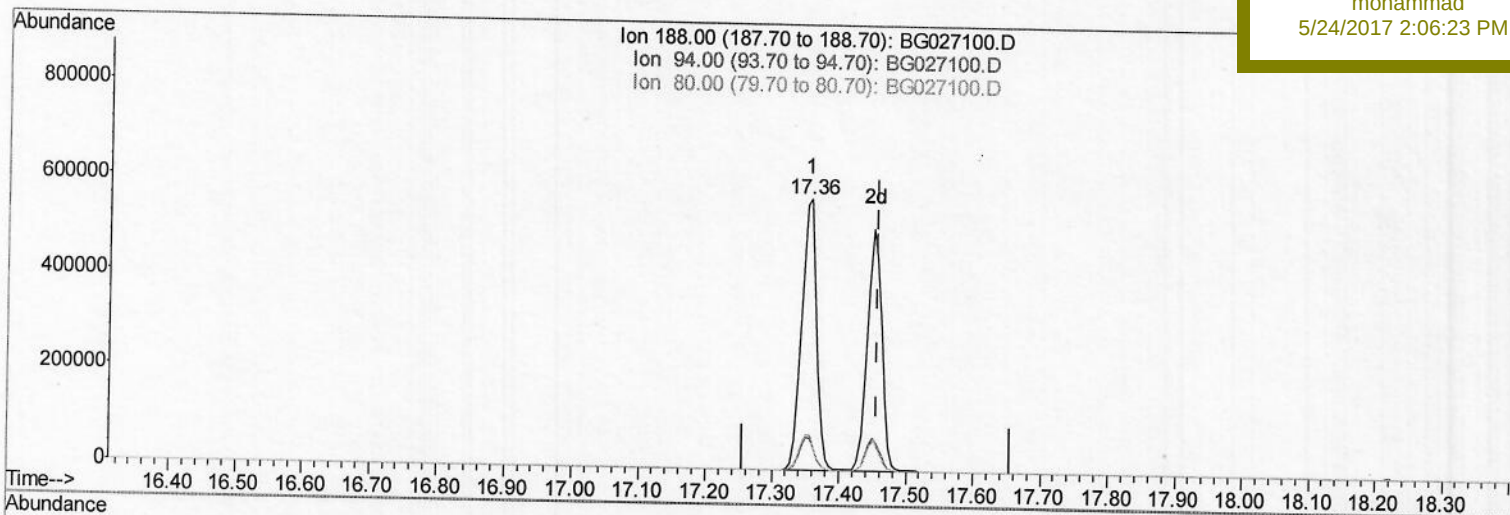
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| 80.00  | 11.80 | 12.19 |
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