

# Quantitation Report (Qedit)

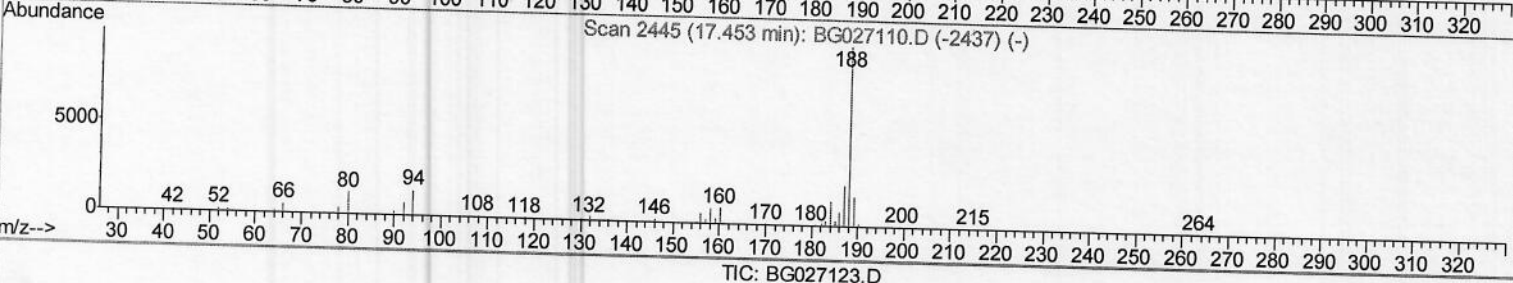
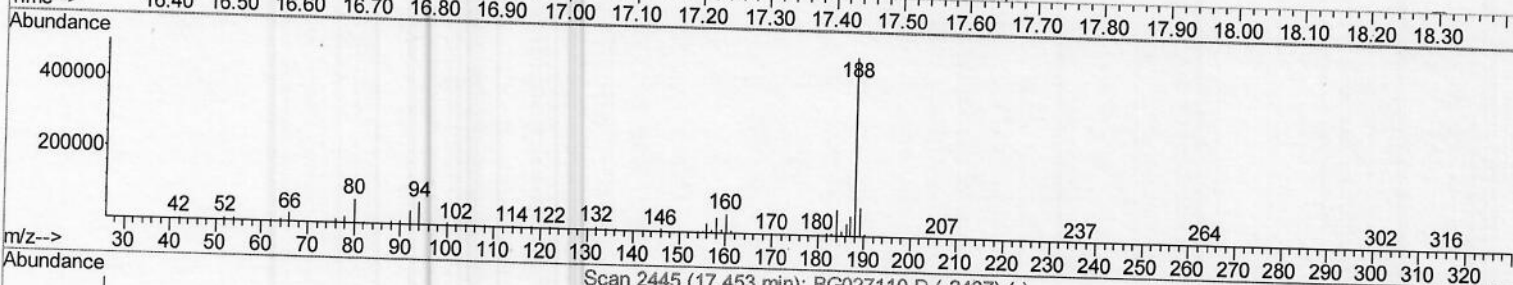
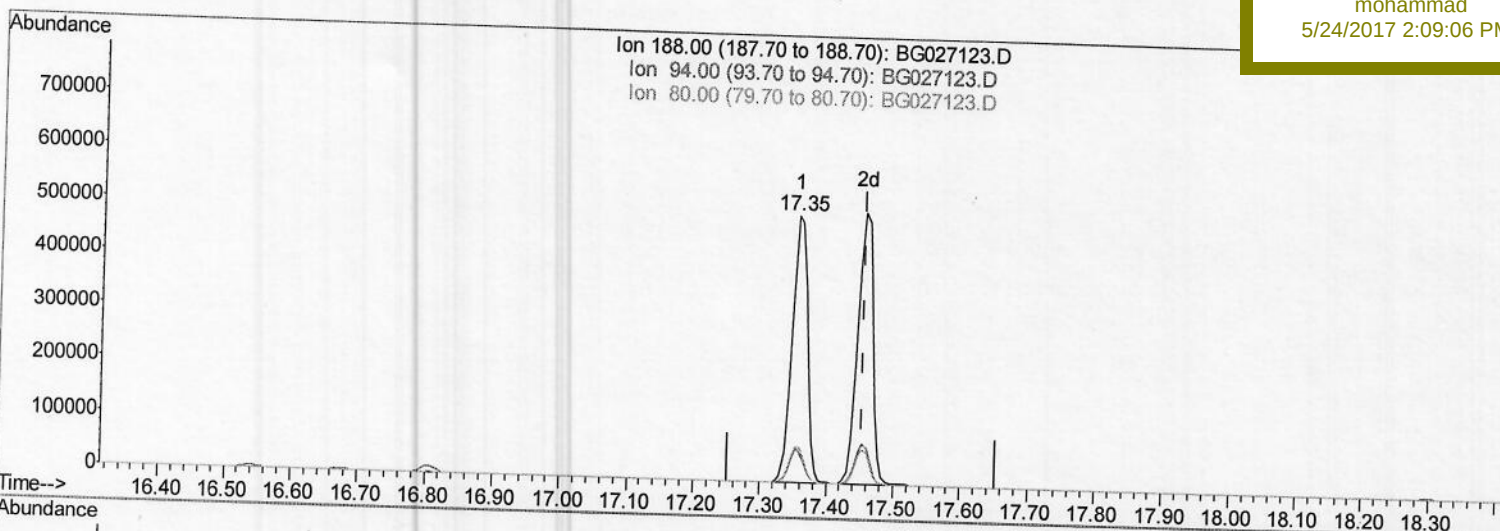
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052417\  
 Data File : BG027123.D  
 Acq On : 24 May 2017 9:41  
 Operator : SJ/MA  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTD02060

Manual Integrations  
 APPROVED

mohammad  
 5/24/2017 2:09:06 PM

Quant Time: May 24 12:06:36 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 24 01:50:08 2017  
 Response via : Initial Calibration



(14) Anthracene-d10 (S)  
 17.353min (-0.100) 20.51ng/ul  
 response 784735

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.10 | 12.46 |
| 80.00  | 11.80 | 13.10 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052417\  
 Data File : BG027123.D  
 Acq On : 24 May 2017 9:41  
 Operator : SJ/MA  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA\_G

LabSampleId :

SSTD02060

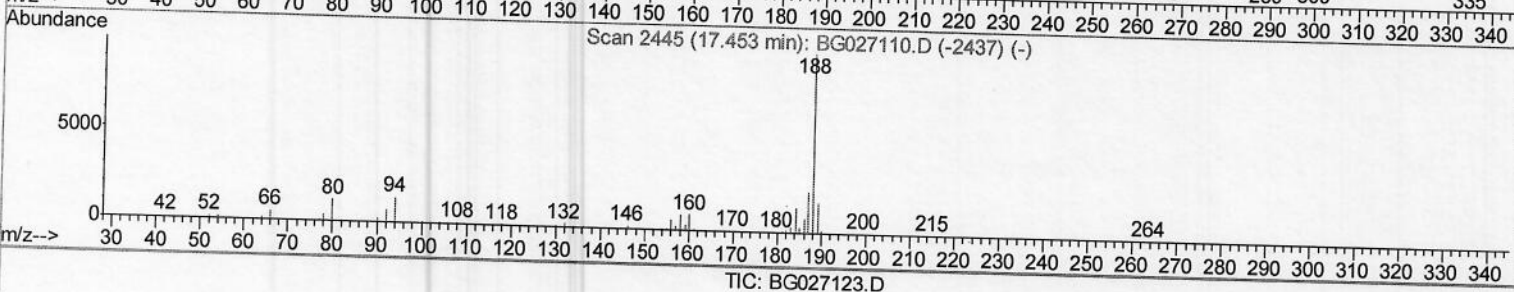
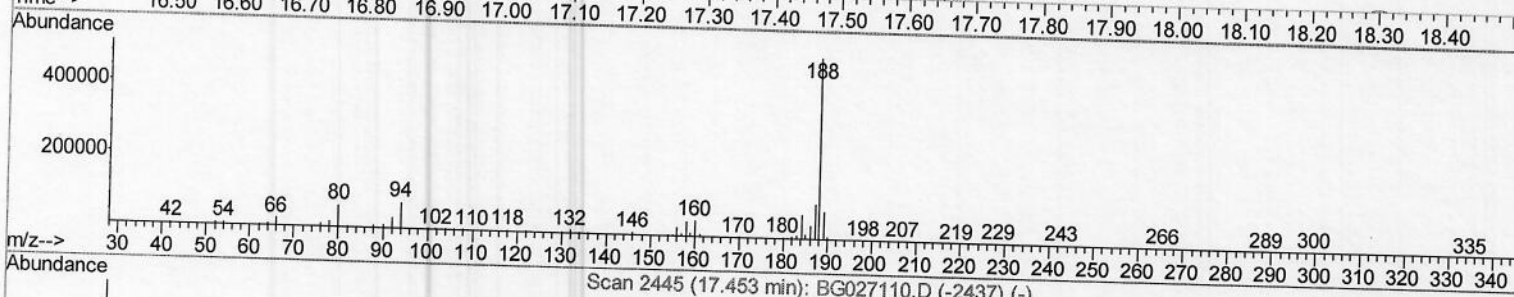
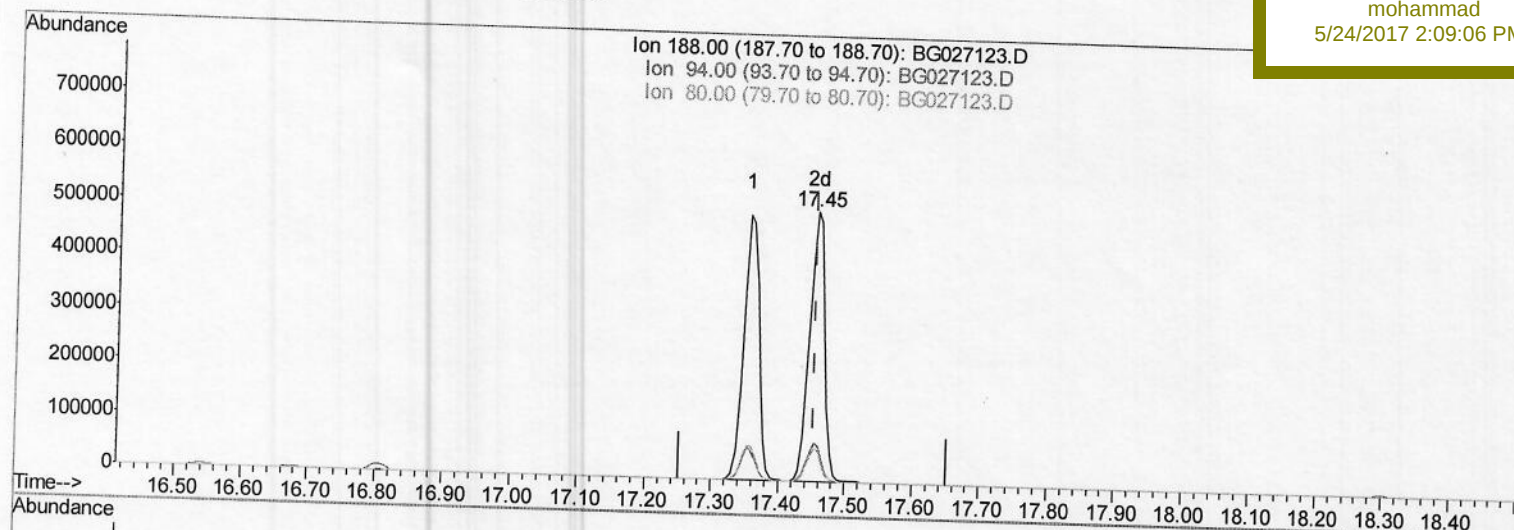
Manual Integrations

APPROVED

mohammad

5/24/2017 2:09:06 PM

Quant Time: May 24 12:06:36 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 24 01:50:08 2017  
 Response via : Initial Calibration



(14) Anthracene-d10 (S)

17.453min (-0.000) 20.68ng/ul m

response 791372

Ion Exp% Act%

188.00 100 100

94.00 11.10 14.72#

80.00 11.80 12.36

0.00 0.00 0.00

20.7  
05/30/17

# Quantitation Report (Qedit)

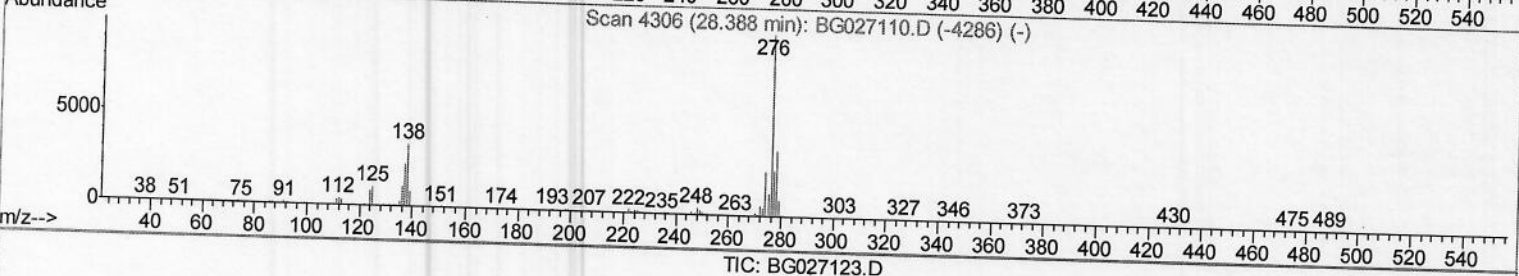
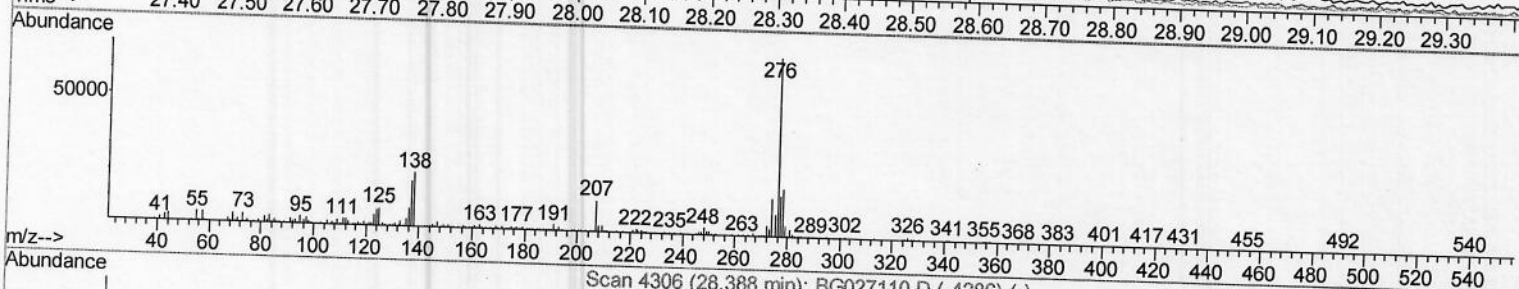
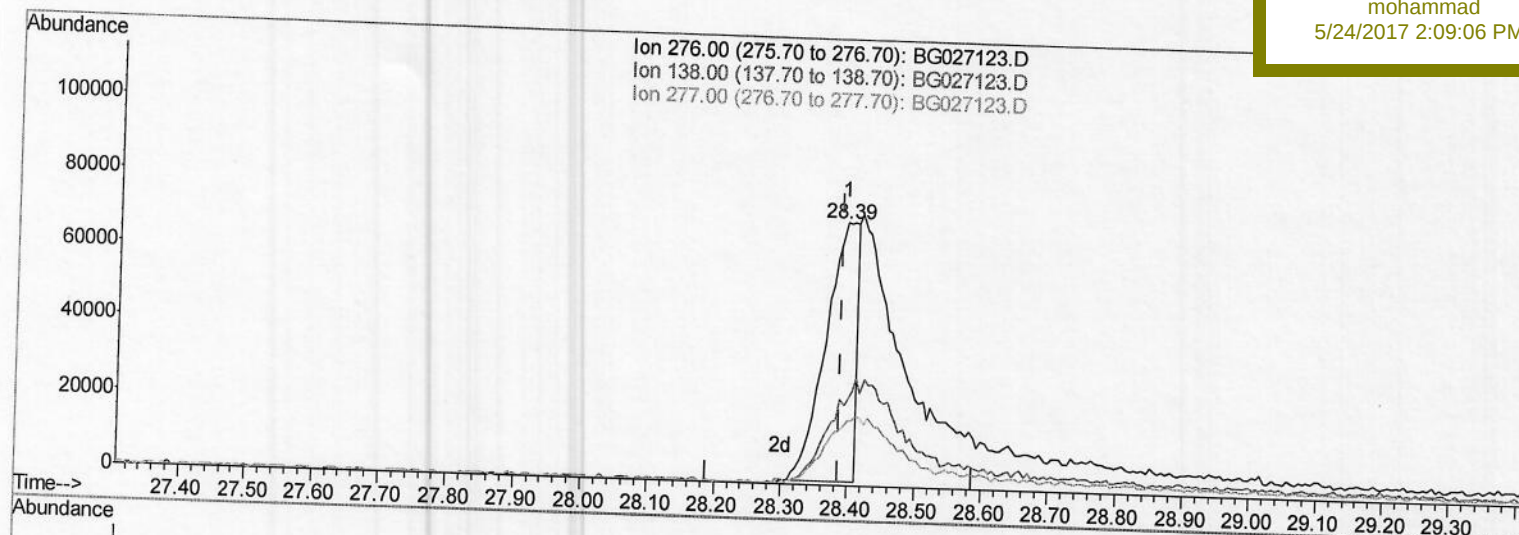
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052417\  
 Data File : BG027123.D  
 Acq On : 24 May 2017 9:41  
 Operator : SJ/MA  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTD02060

Manual Integrations  
 APPROVED

mohammad  
 5/24/2017 2:09:06 PM

Quant Time: May 24 12:06:36 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 24 01:50:08 2017  
 Response via : Initial Calibration



(27) Indeno(1,2,3-cd)pyrene

28.393min (+0.005) 7.52ng/ul

response 227928

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 18.00 | 30.25# |
| 277.00 | 22.50 | 22.67  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

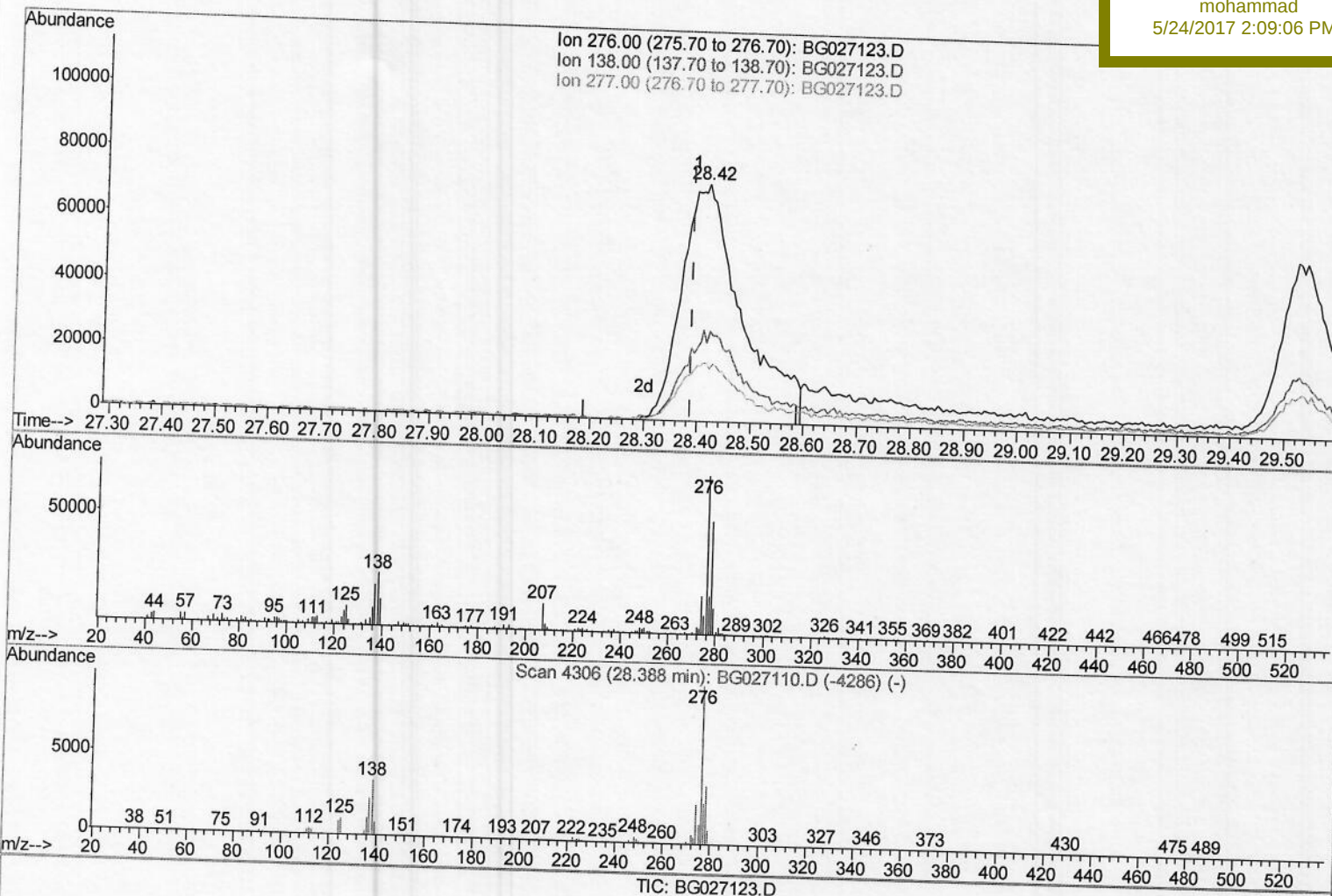
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052417\  
 Data File : BG027123.D  
 Acq On : 24 May 2017 9:41  
 Operator : SJ/MA  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTD02060

Manual Integrations  
 APPROVED

mohammad  
 5/24/2017 2:09:06 PM

Quant Time: May 24 12:06:36 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 24 01:50:08 2017  
 Response via : Initial Calibration



(27) Indeno(1,2,3-cd)pyrene

28.417min (+0.029) 19.02ng/ul m

response 576241

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 18.00 | 33.57# |
| 277.00 | 22.50 | 24.85  |
| 0.00   | 0.00  | 0.00   |

28.417min (+0.029) 19.02ng/ul m  
 response 576241  
 05/30/17

# Quantitation Report (Qedit)

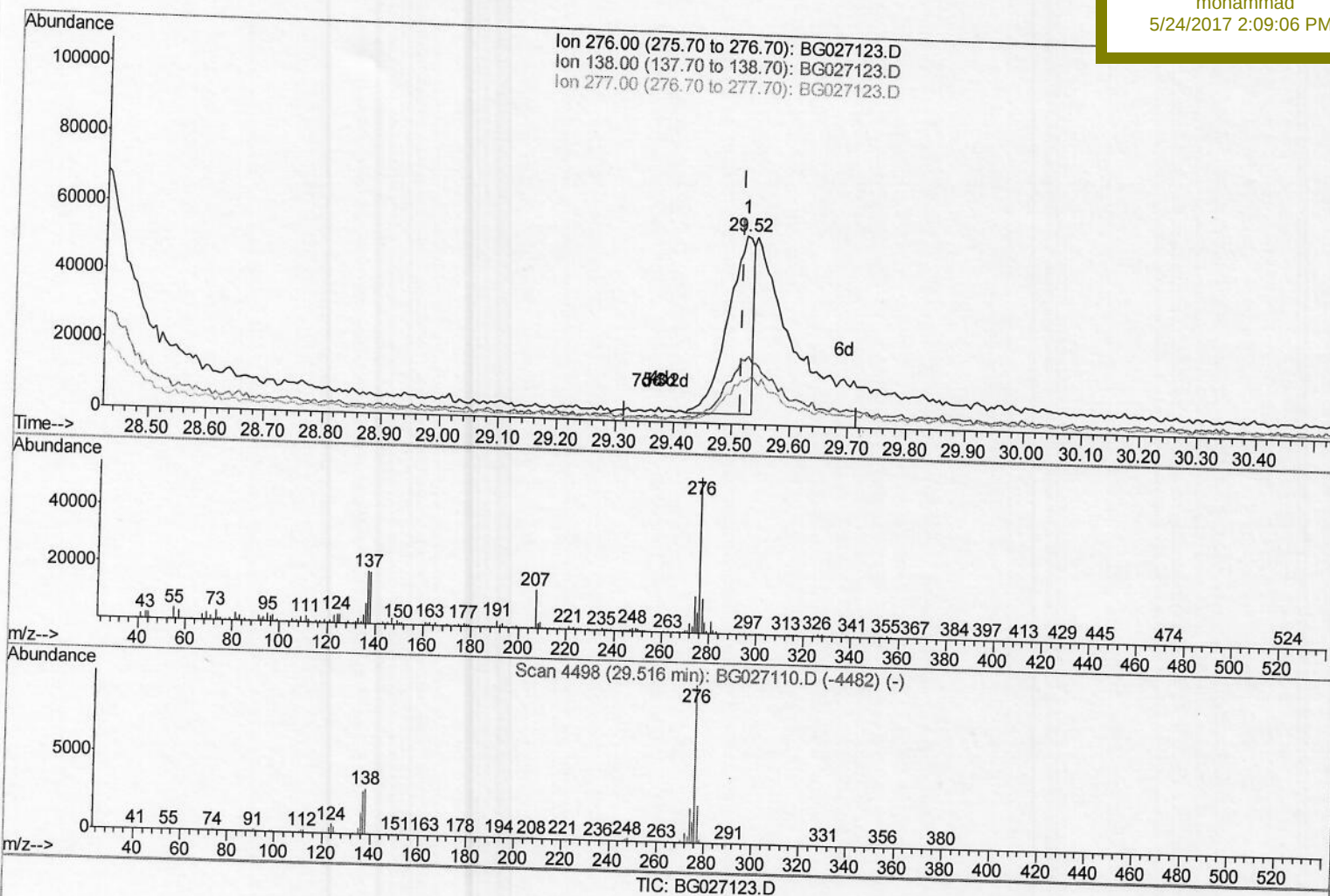
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052417\  
 Data File : BG027123.D  
 Acq On : 24 May 2017 9:41  
 Operator : SJ/MA  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTD02060

Manual Integrations  
 APPROVED

mohammad  
 5/24/2017 2:09:06 PM

Quant Time: May 24 12:06:36 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 24 01:50:08 2017  
 Response via : Initial Calibration



(29) Benzo(g,h,i)perylene  
 29.521min (+0.005) 6.39ng/ul  
 response 153926

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 19.10 | 33.08# |
| 277.00 | 23.70 | 22.14  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

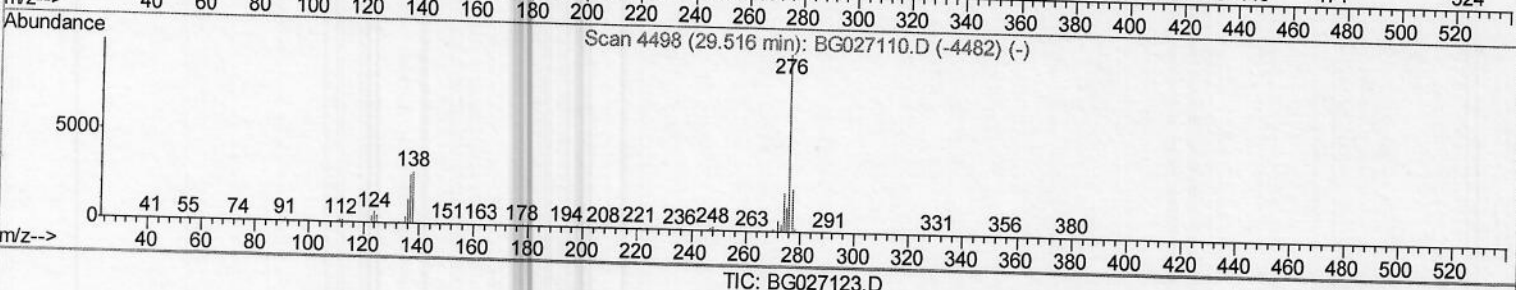
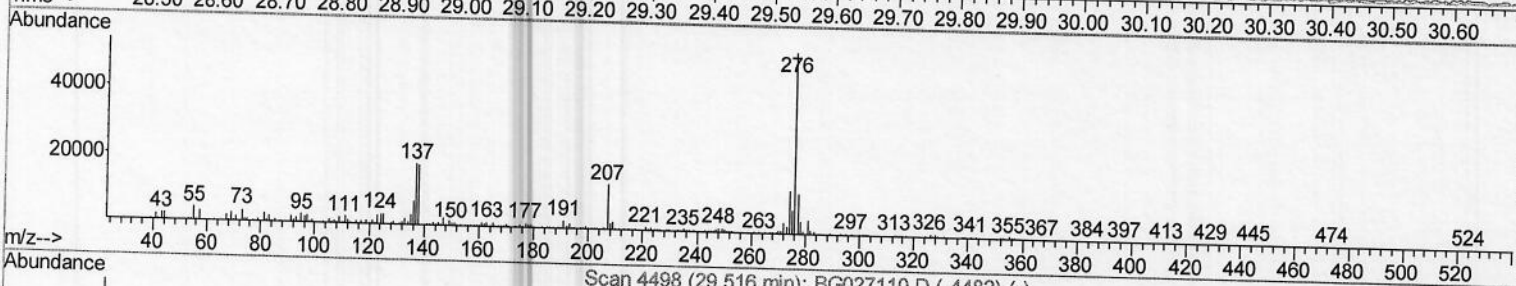
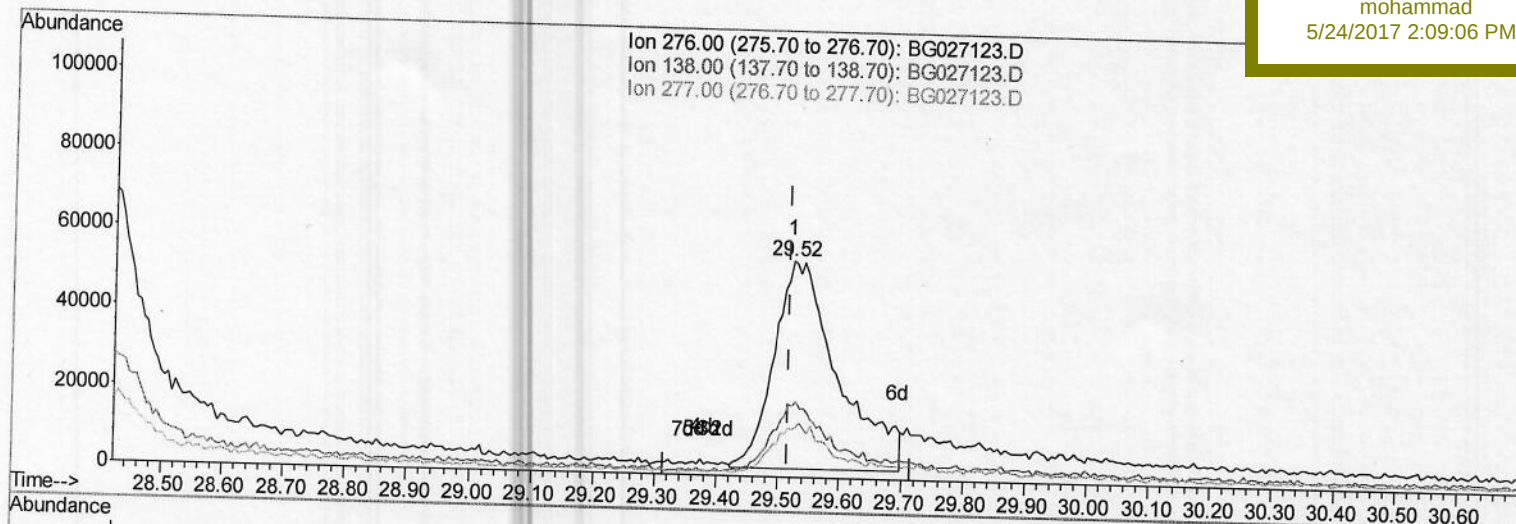
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052417\  
 Data File : BG027123.D  
 Acq On : 24 May 2017 9:41  
 Operator : SJ/MA  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTD02060

Manual Integrations  
 APPROVED

mohammad  
 5/24/2017 2:09:06 PM

Quant Time: May 24 12:06:36 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 24 01:50:08 2017  
 Response via : Initial Calibration



TIC: BG027123.D

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

29.521min (+0.005) 15.81ng/ul m

response 380987

Ion Exp% Act%

276.00 100 100

138.00 19.10 33.08#

277.00 23.70 22.14

0.00 0.00 0.00

> 5.7  
 05/30/17

# Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052417\  
 Data File : BG027123.D  
 Acq On : 24 May 2017 9:41  
 Operator : SJ/MA  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**LabSampleId :**  
 SSTD02060

Quant Time: May 24 12:09:15 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 24 01:50:08 2017  
 Response via : Initial Calibration

**Manual Integrations**  
**APPROVED**

mohammad  
 5/24/2017 2:09:06 PM

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.01  | 152  | 174331   | 20.00 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.81 | 136  | 812025   | 20.00 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.62 | 164  | 423855   | 20.00 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.35 | 188  | 784735   | 20.00 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.61 | 240  | 691744   | 20.00 | ng/ul  | 0.00     |
| 22) Perylene-d12            | 24.78 | 264  | 566438   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 7) Acenaphthylene-d8        | 14.32 | 160  | 896188   | 20.61 | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.61 | 176  | 589467   | 20.32 | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.45 | 188  | 791372m  | 20.68 | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.74 | 212  | 737268   | 20.41 | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.56 | 264  | 616839   | 21.92 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 10.85 | 128  | 869676   | 20.64 | ng/ul  | 99       |
| 4) 2-Methylnaphthalene      | 12.45 | 142  | 634033   | 20.31 | ng/ul  | 99       |
| 5) 1-Methylnaphthalene      | 12.67 | 142  | 678838   | 20.20 | ng/ul# | 95       |
| 8) Acenaphthylene           | 14.34 | 152  | 909293   | 20.81 | ng/ul  | 98       |
| 9) Acenaphthene             | 14.68 | 153  | 623636   | 20.85 | ng/ul  | 97       |
| 11) Fluorene                | 15.66 | 166  | 653823   | 20.51 | ng/ul  | 92       |
| 13) Phenanthrene            | 17.40 | 178  | 910117   | 20.75 | ng/ul  | 97       |
| 15) Anthracene              | 17.49 | 178  | 946937   | 21.01 | ng/ul  | 98       |
| 16) Fluoranthene            | 19.40 | 202  | 938843   | 20.93 | ng/ul# | 92       |
| 19) Pyrene                  | 19.77 | 202  | 959242   | 21.22 | ng/ul# | 89       |
| 20) Benzo(a)anthracene      | 21.59 | 228  | 836160   | 20.06 | ng/ul  | 97       |
| 21) Chrysene                | 21.65 | 228  | 777178   | 20.31 | ng/ul  | 98       |
| 23) Benzo(b)fluoranthene    | 23.77 | 252  | 765216   | 22.73 | ng/ul# | 95       |
| 24) Benzo(k)fluoranthene    | 23.83 | 252  | 799765   | 23.10 | ng/ul# | 94       |
| 26) Benzo(a)pyrene          | 24.63 | 252  | 713247   | 21.66 | ng/ul# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 28.42 | 276  | 576241m  | 19.02 | ng/ul  | 91       |
| 28) Dibenzo(a,h)anthracene  | 28.45 | 278  | 469465   | 17.96 | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 29.52 | 276  | 380987m  | 15.81 | ng/ul  |          |

> 5.9  
 05/30/17

2 } 5.9  
 05/30/17

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

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052417\  
Data File : BG027123.D  
Acq On : 24 May 2017 9:41  
Operator : SJ/MA  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 24 12:09:15 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 24 01:50:08 2017  
Response via : Initial Calibration

Instrument :

BNA\_G

Lab Sample Id :

SSTD02060

Manual Integrations

APPROVED

mohammad

5/24/2017 2:09:06 PM

