

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

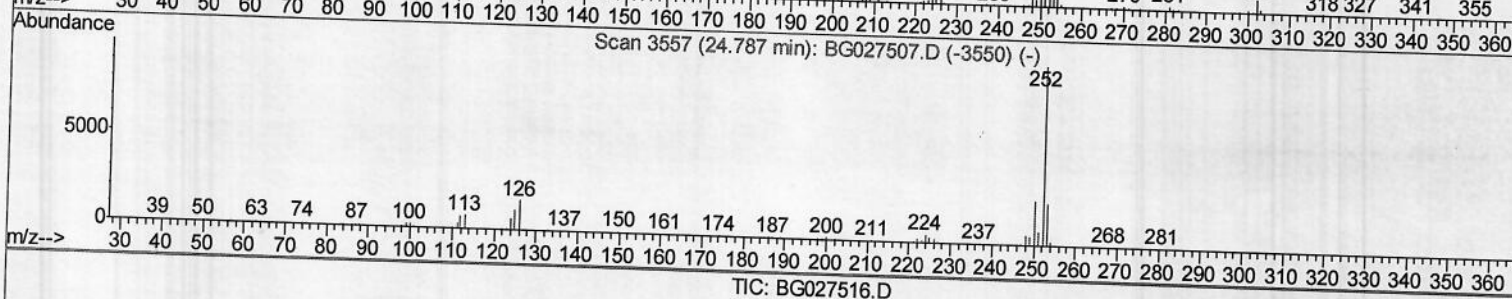
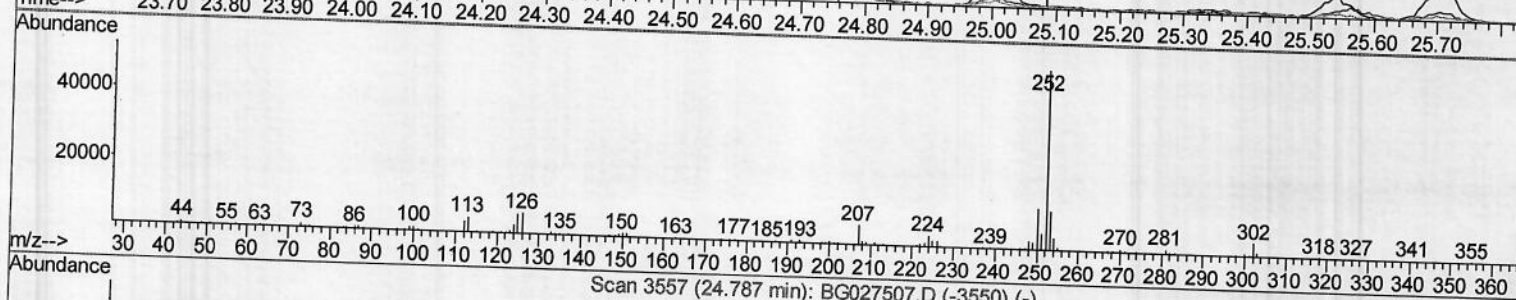
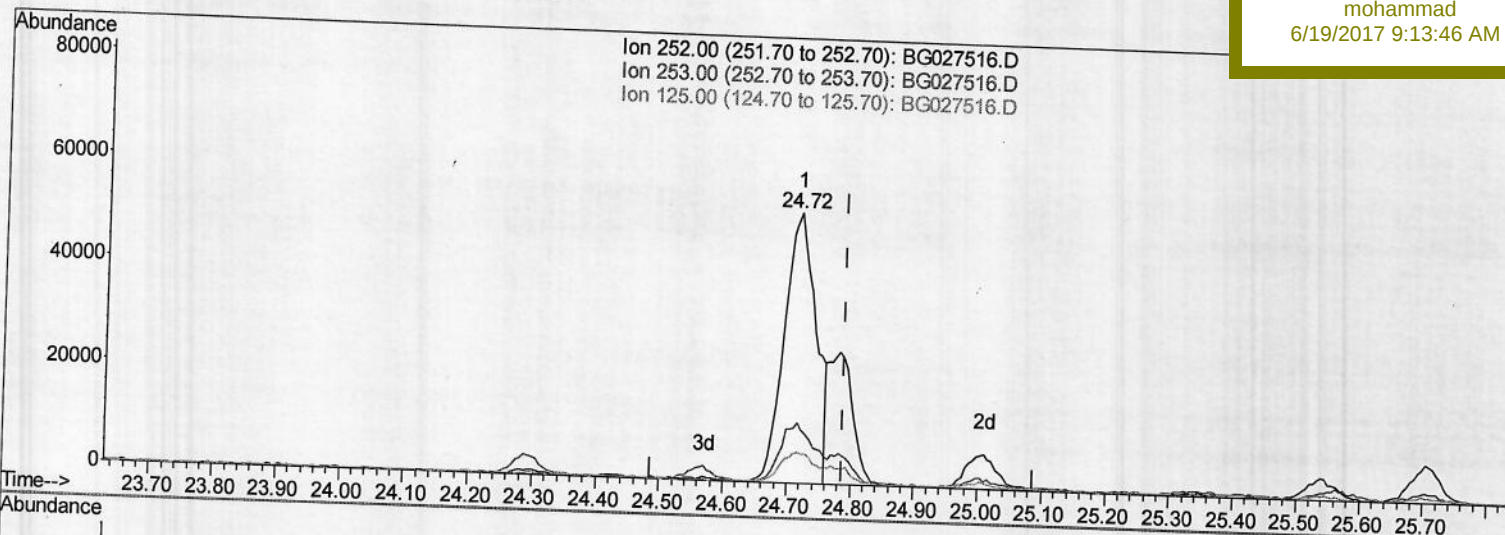
Data File : BG027516.D  
Acq On : 17 Jun 2017 21:08  
Operator : SJ/MA  
Sample : I3599-07 10X  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F5C97DL

Manual Integrations  
APPROVED

mohammad  
6/19/2017 9:13:46 AM

Quant Time: Jun 19 01:54:25 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jun 19 01:52:26 2017  
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

24.716min (-0.071) 8.74ng/ul

response 178962

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.10 | 22.19  |
| 125.00 | 5.10  | 11.25# |
| 0.00   | 0.00  | 0.00   |

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Quantitation Report (Qedit)

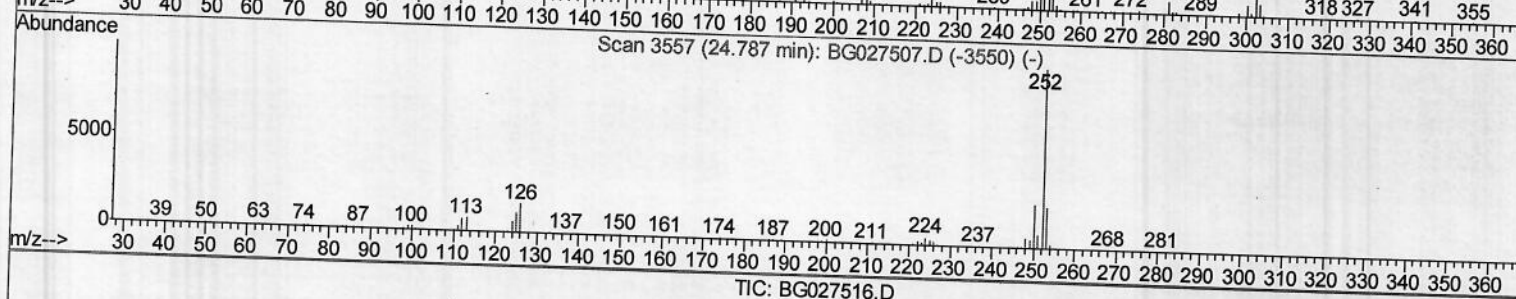
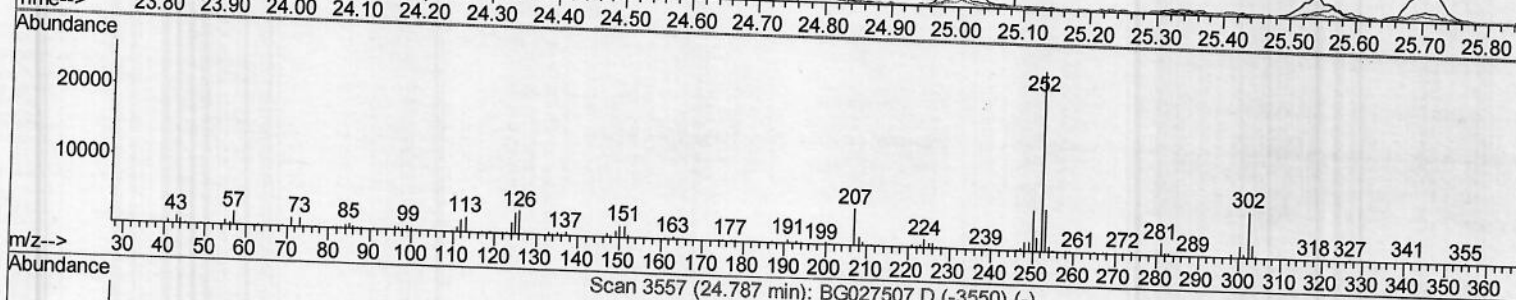
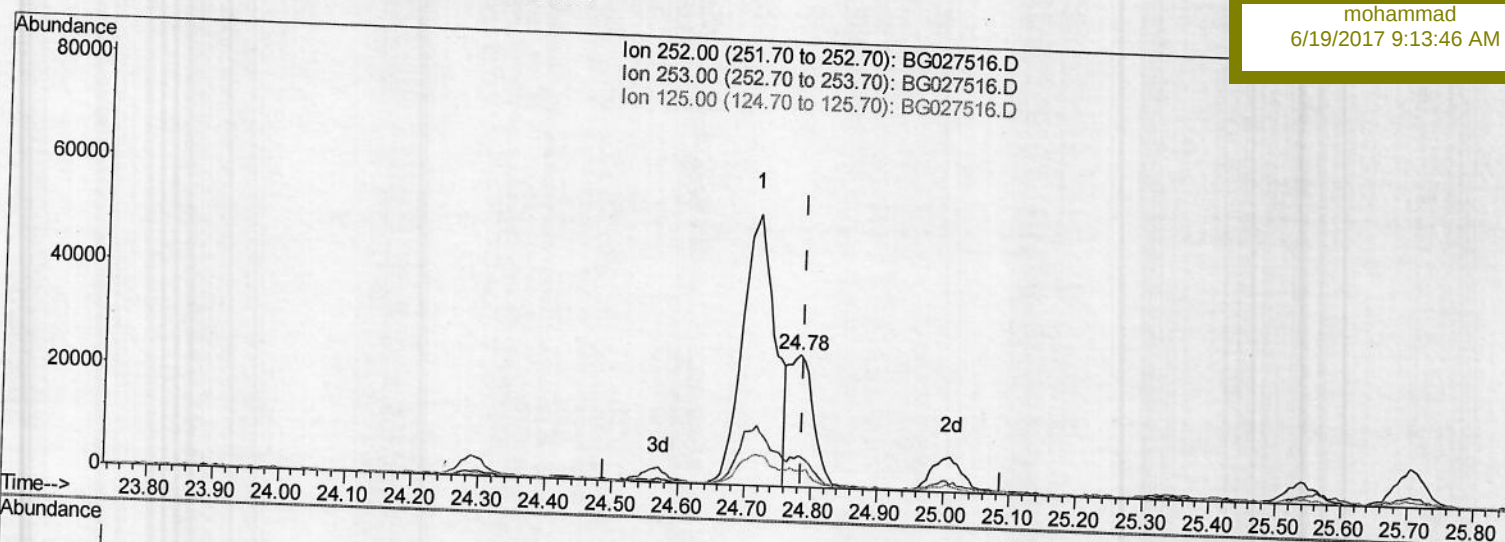
Data File : BG027516.D  
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Operator : SJ/MA  
Sample : I3599-07 10X  
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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jun 19 01:52:26 2017  
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

24.781min (-0.006) 3.38ng/ul m

response 69279

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.10 | 23.48  |
| 125.00 | 5.10  | 12.02# |
| 0.00   | 0.00  | 0.00   |

S-J  
06/28/2017

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\

Quantitation Report (Qedit)

Data File : BG027516.D

Acq On : 17 Jun 2017 21:08

Operator : SJ/MA

Sample : I3599-07 10X

Misc :

ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jun 19 03:24:46 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 19 01:52:26 2017

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

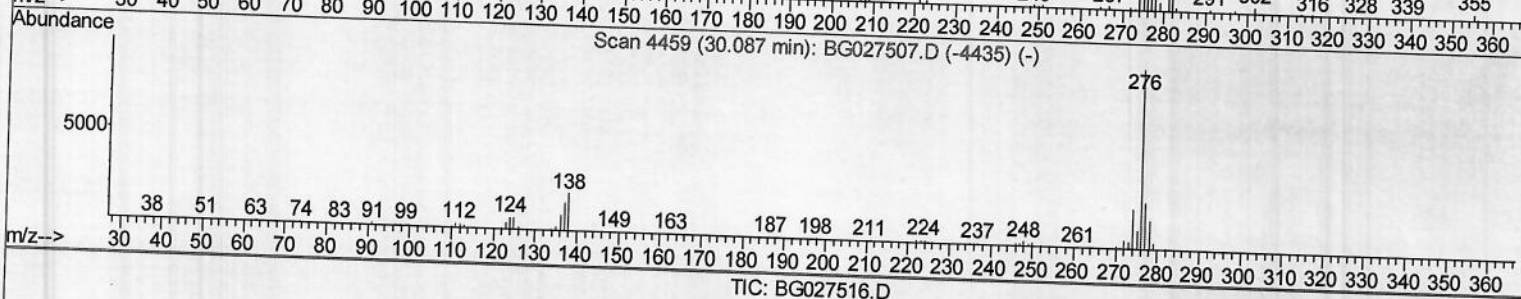
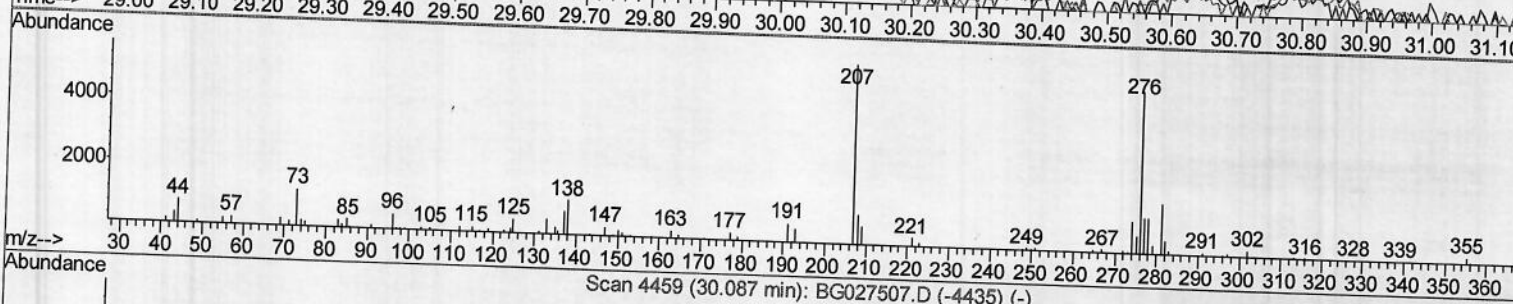
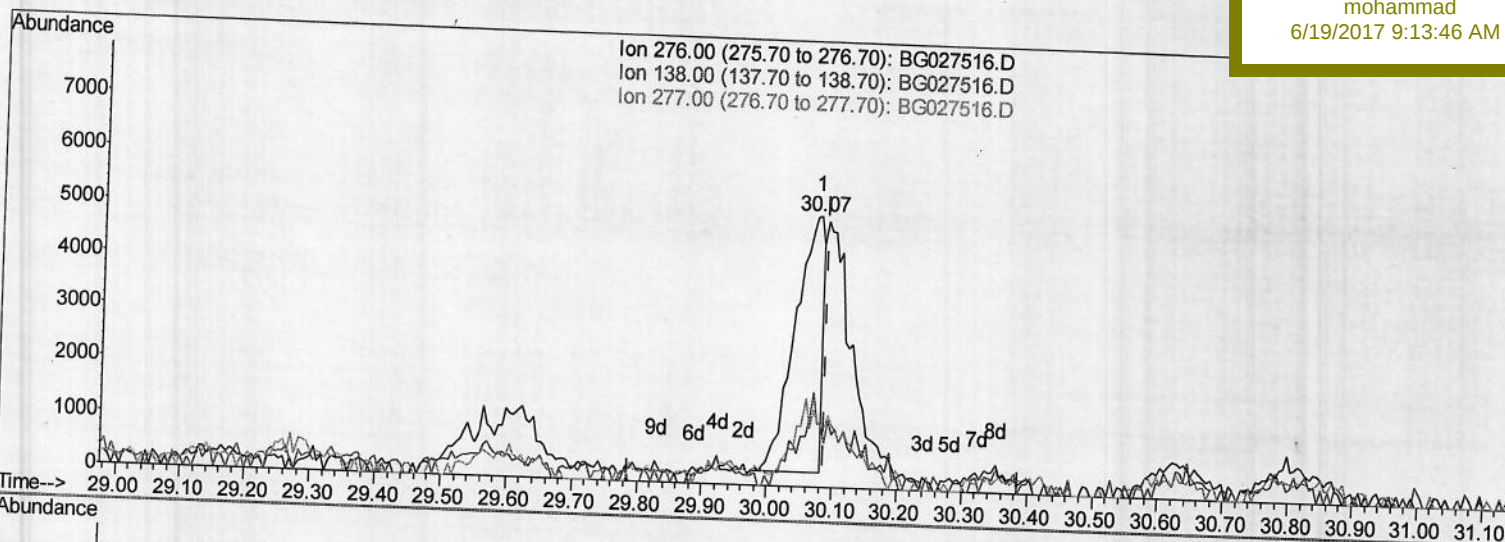
F5C97DL

Manual Integrations

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

30.075min (-0.012) 0.61ng/ul

response 14213

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 10.30 | 23.27# |
| 277.00 | 23.30 | 23.96  |
| 0.00   | 0.00  | 0.00   |

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Quantitation Report (Qedit)

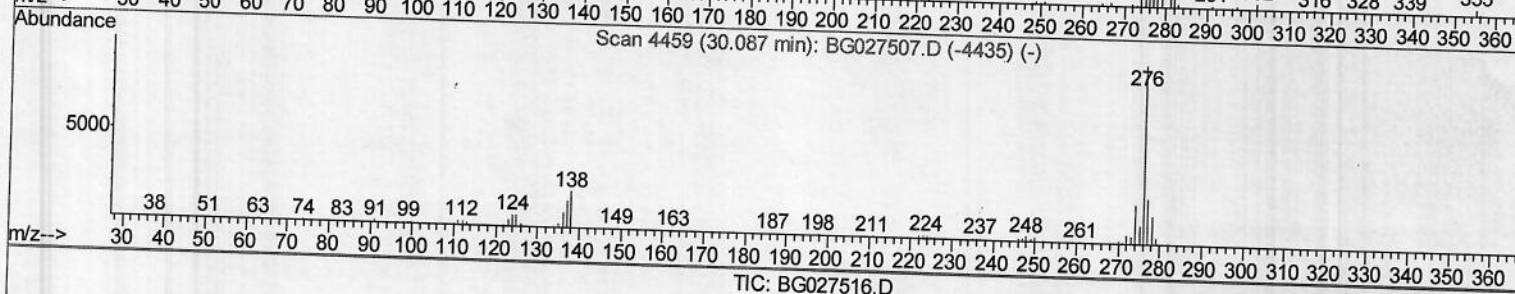
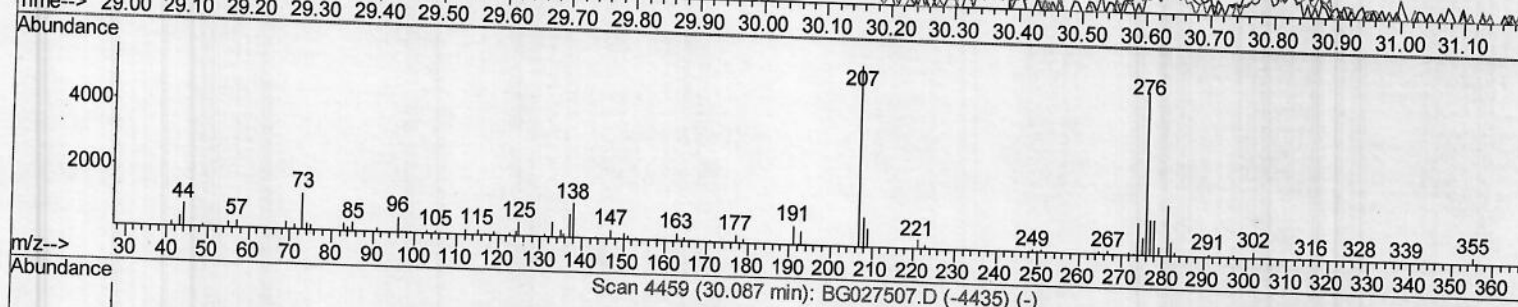
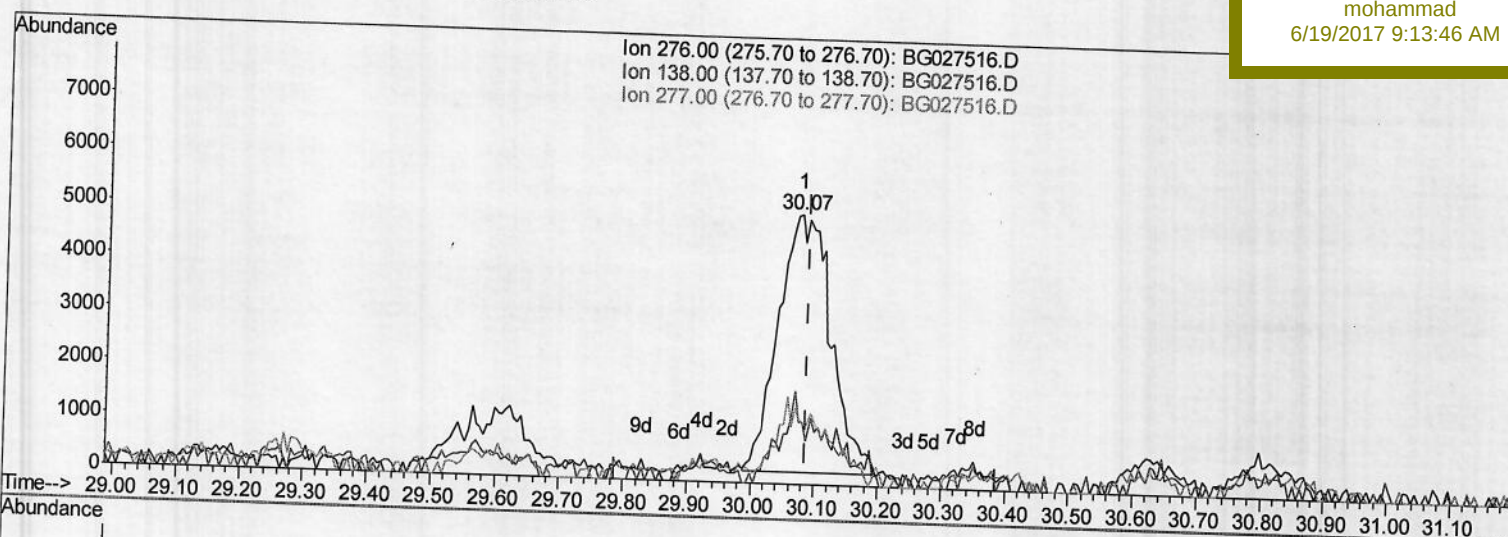
Data File : BG027516.D  
Acq On : 17 Jun 2017 21:08  
Operator : SJ/MA  
Sample : I3599-07 10X  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_G  
Client Sampled :  
F5C97DL

Quant Time: Jun 19 03:24:46 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jun 19 01:52:26 2017  
Response via : Initial Calibration

Manual Integrations  
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(89) Indeno(1,2,3-cd)pyrene

30.075min (-0.012) 1.19ng/ul m

response 27712

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 10.30 | 23.27# |
| 277.00 | 23.30 | 23.96  |
| 0.00   | 0.00  | 0.00   |

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06/28/2017

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
 Quantitation Report (QT Reviewed)

Data File : BG027516.D  
 Acq On : 17 Jun 2017 21:08  
 Operator : SJ/MA  
 Sample : I3599-07 10X  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 Client Sampled :  
 F5C97DL

Quant Time: Jun 19 03:25:40 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 19 01:52:26 2017  
 Response via : Initial Calibration

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|---------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.52  | 152  | 42599    | 20.00 | ng/ul | 0.00      |
| 18) Naphthalene-d8        | 11.34 | 136  | 223652   | 20.00 | ng/ul | 0.00      |
| 35) Acenaphthene-d10      | 15.10 | 164  | 149881   | 20.00 | ng/ul | 0.00      |
| 61) Phenanthrene-d10      | 17.85 | 188  | 346839   | 20.00 | ng/ul | 0.00      |
| 75) Chrysene-d12          | 22.23 | 240  | 371647   | 20.00 | ng/ul | 0.00      |
| 83) Perylene-d12          | 25.89 | 264  | 357882   | 20.00 | ng/ul | 0.00      |

#### System Monitoring Compounds

|                                |       |     |       |      |       |      |
|--------------------------------|-------|-----|-------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0     | 0.00 | ng/uL |      |
| 5) Phenol-d5                   | 7.65  | 99  | 5322  | 1.15 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.84  | 67  | 4505  | 1.43 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.05  | 132 | 4092  | 1.34 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.20  | 113 | 4812  | 1.33 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.69  | 128 | 1934  | 1.19 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.41 | 143 | 2191  | 1.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.94 | 165 | 4280  | 1.31 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.47 | 131 | 4935  | 1.20 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.49 | 166 | 16779 | 1.34 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.80 | 160 | 18720 | 1.30 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.28 | 143 | 1615  | 0.66 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 16.09 | 176 | 16700 | 1.42 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.19 | 200 | 1911  | 0.89 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.95 | 188 | 24290 | 1.50 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.22 | 212 | 15474 | 0.85 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.63 | 264 | 8024  | 0.50 | ng/ul | 0.00 |

#### Target Compounds

|                            |       |     |        |             | Qvalue |
|----------------------------|-------|-----|--------|-------------|--------|
| 69) Phenanthrene           | 17.90 | 178 | 26089  | 1.40 ng/ul  | 99     |
| 74) Fluoranthene           | 19.89 | 202 | 100683 | 4.80 ng/ul# | 85     |
| 77) Pyrene                 | 20.25 | 202 | 60725  | 2.76 ng/ul# | 85     |
| 80) Benzo(a)anthracene     | 22.21 | 228 | 83215  | 4.02 ng/ul  | 98     |
| 82) Chrysene               | 22.28 | 228 | 91100  | 4.87 ng/ul  | 100    |
| 85) Benzo(b)fluoranthene   | 24.72 | 252 | 178962 | 8.40 ng/ul# | 96     |
| 86) Benzo(k)fluoranthene   | 24.78 | 252 | 69279m | 3.38 ng/ul  | >      |
| 88) Benzo(a)pyrene         | 25.70 | 252 | 24516  | 1.20 ng/ul# | 91     |
| 89) Indeno(1,2,3-cd)pyrene | 30.07 | 276 | 27712m | 1.19 ng/ul  | )      |

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

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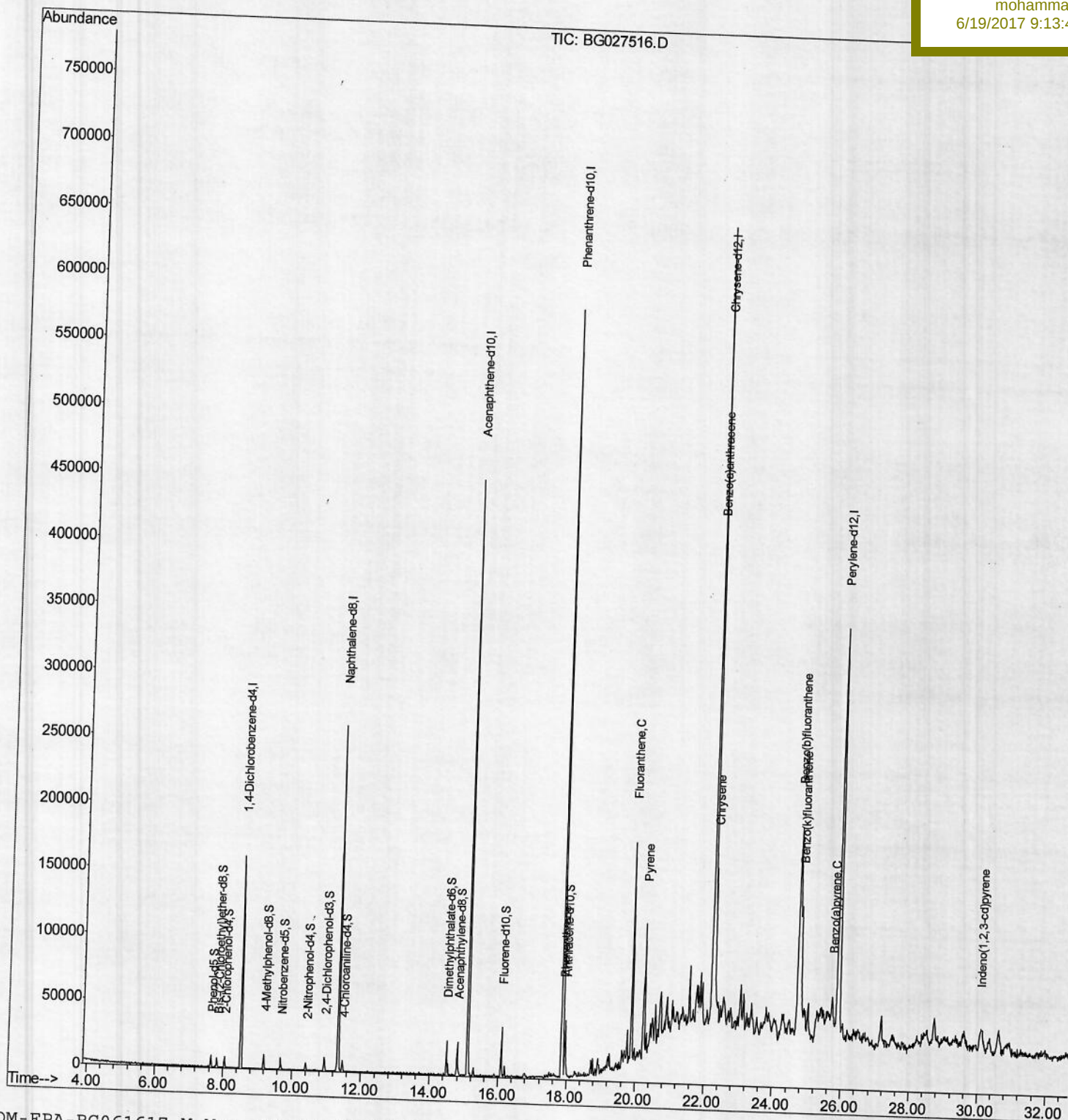
F5C97DL

Manual Integrations

APPROVED

mohammad

6/19/2017 9:13:46 AM



SOM-EPA-BG061617.M Mon Jun 19 03:26:27 2017