

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061917\  
Quantitation Report (Qedit)

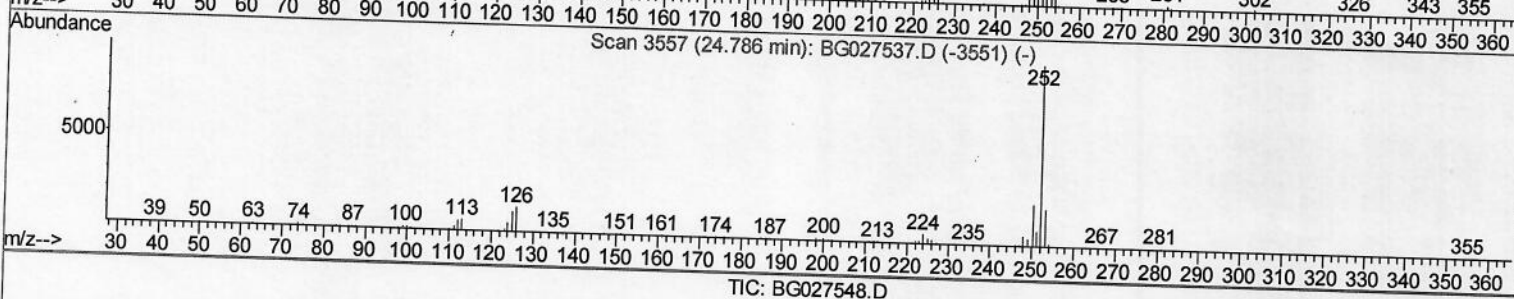
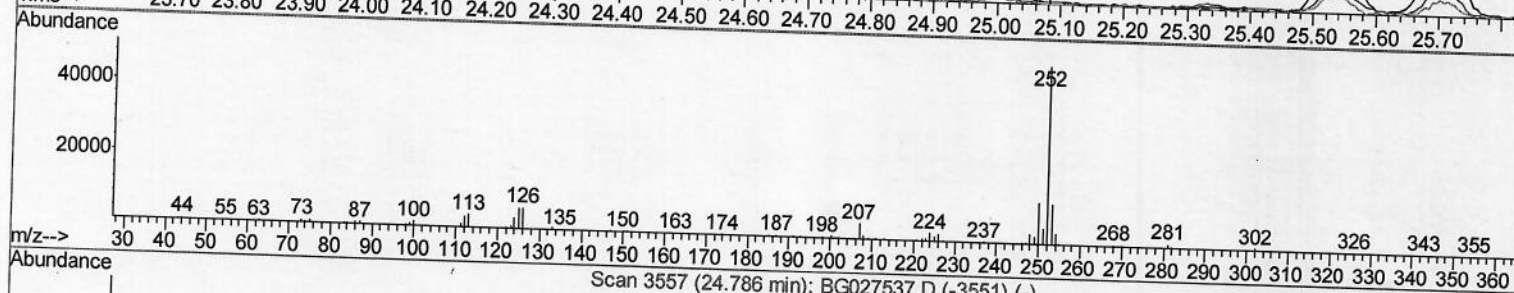
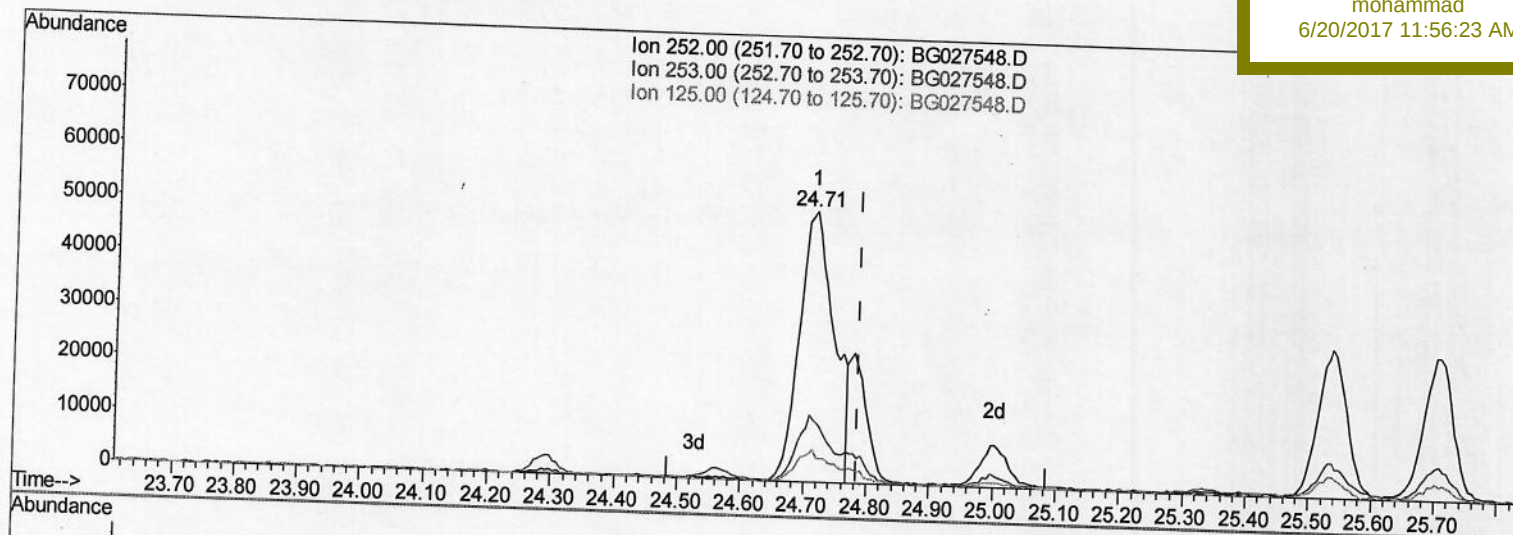
Data File : BG027548.D  
Acq On : 20 Jun 2017 3:35  
Operator : SJ/MA  
Sample : I3625-01  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 20 07:04:27 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 20 01:50:01 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
F5A82

Manual Integrations  
APPROVED

mohammad  
6/20/2017 11:56:23 AM



(86) Benzo(k)fluoranthene

24.714min (-0.072) 10.29ng/ul

response 193876

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.10 | 22.68  |
| 125.00 | 5.10  | 11.92# |
| 0.00   | 0.00  | 0.00   |

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Sample : I3625-01

Misc :

ALS Vial : 27 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 20 01:50:01 2017

Response via : Initial Calibration

Instrument :

BNA\_G

Client Sampled :

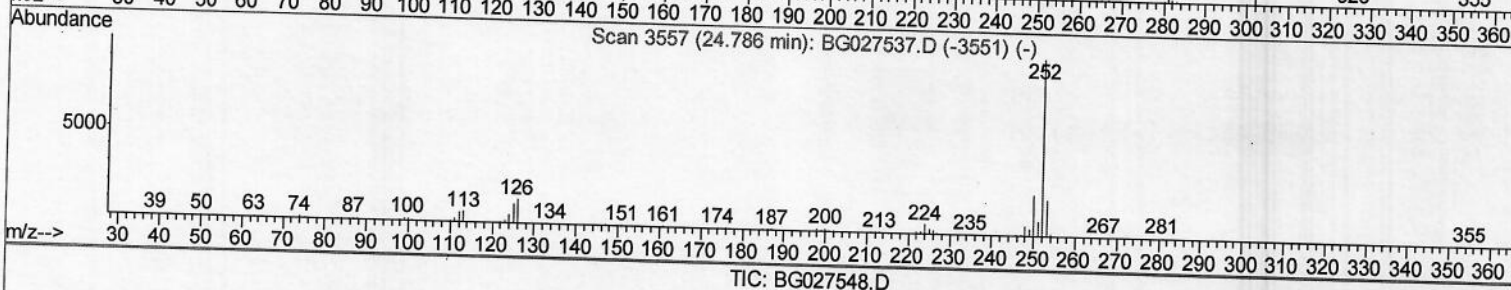
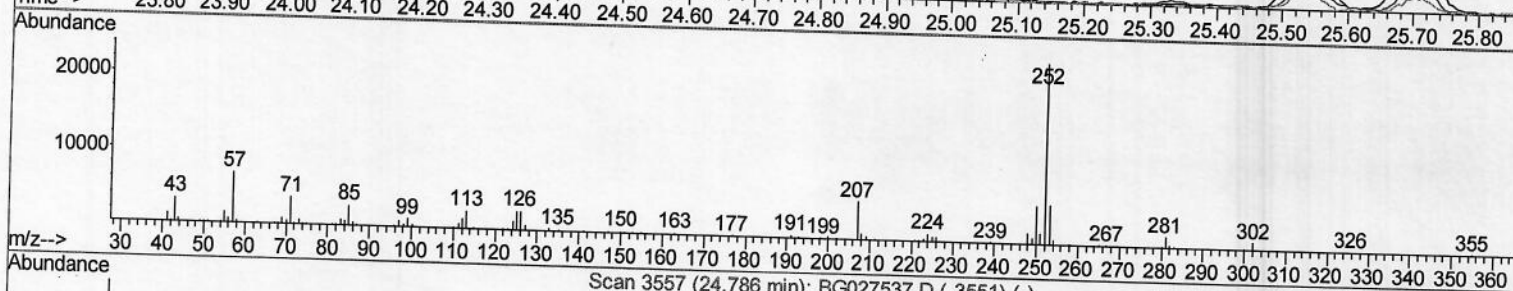
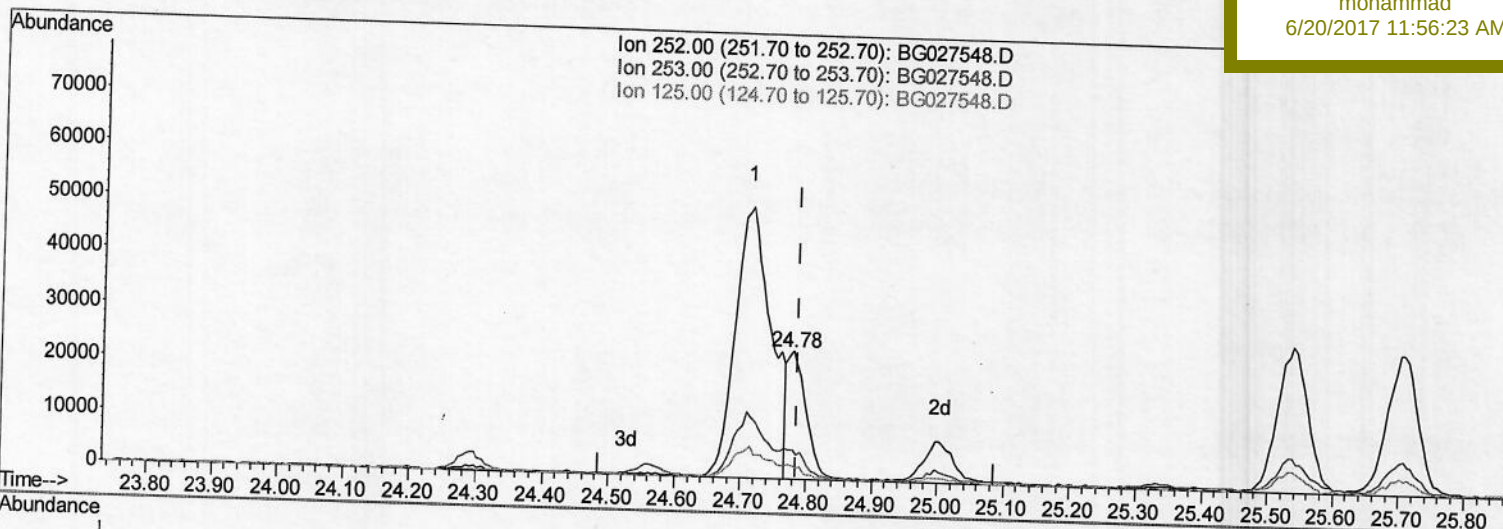
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Manual Integrations

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(86) Benzo(k)fluoranthene

24.779min (-0.007) 2.52ng/ul m

response 47454

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.10 | 22.65  |
| 125.00 | 5.10  | 10.70# |
| 0.00   | 0.00  | 0.00   |

> S.J  
06/30/2017

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061917\

Quantitation Report (Qedit)

Data File : BG027548.D

Acq On : 20 Jun 2017 3:35

Operator : SJ/MA

Sample : I3625-01

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 20 07:06:45 2017

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 20 01:50:01 2017

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

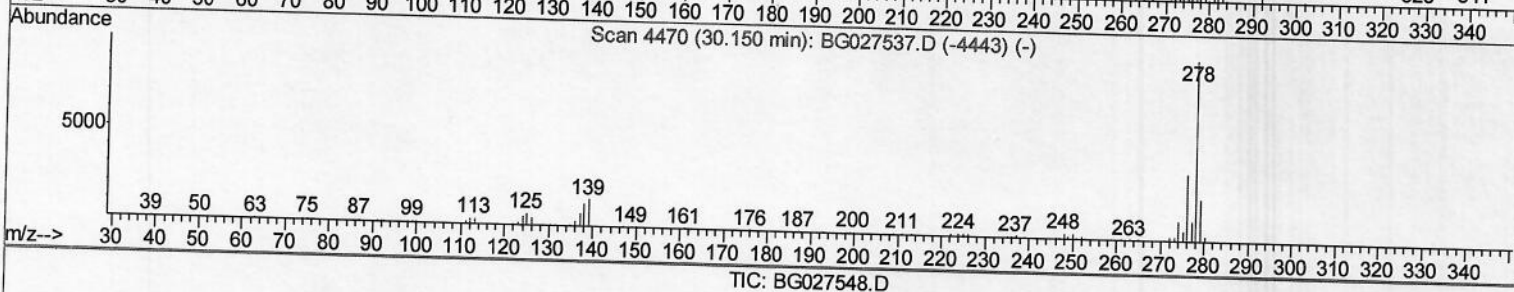
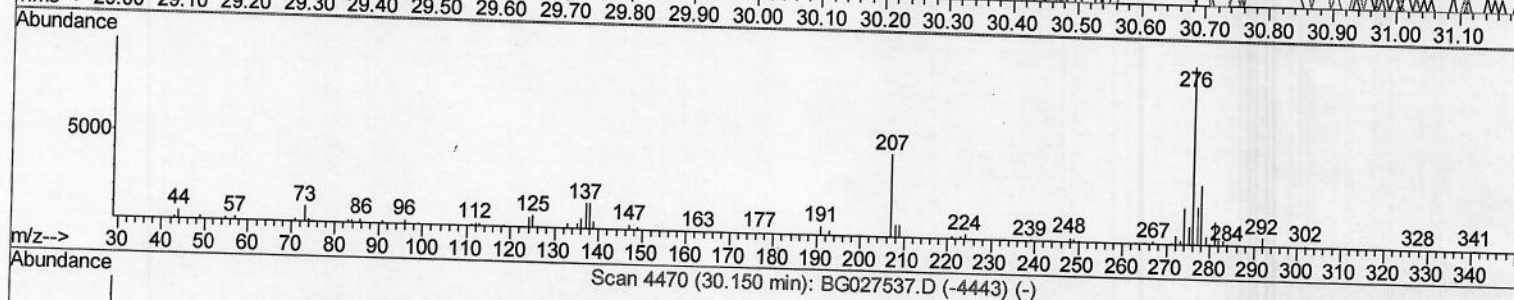
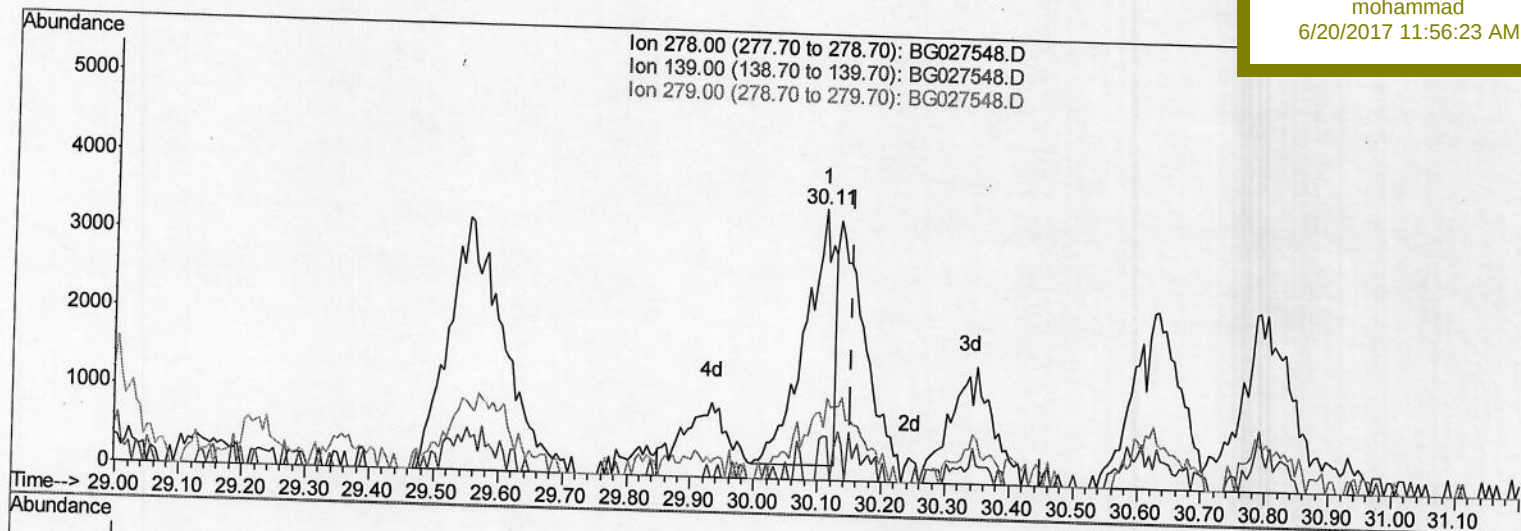
F5A82

Manual Integrations

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6/20/2017 11:56:23 AM



(90) Dibenzo(a,h)anthracene

30.108min (-0.042) 0.57ng/ul

response 10528

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 8.40  | 16.08# |
| 279.00 | 26.10 | 18.91# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061917\  
Quantitation Report (Qedit)

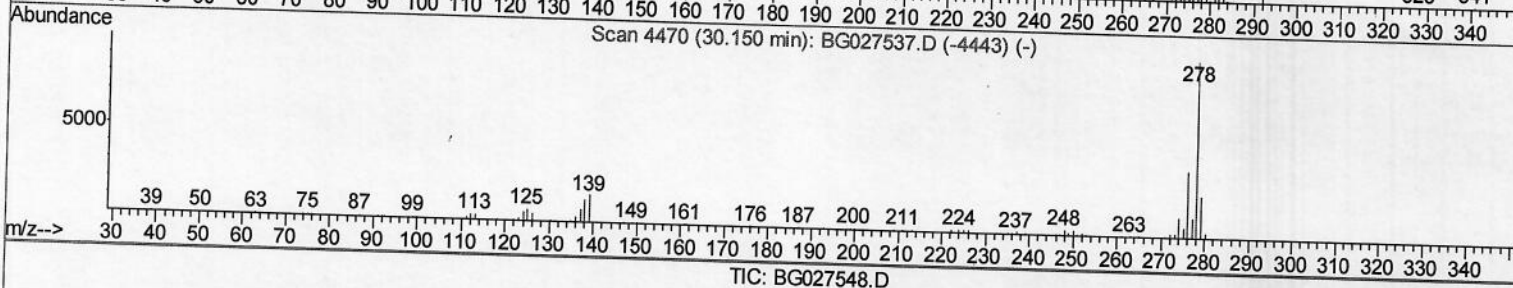
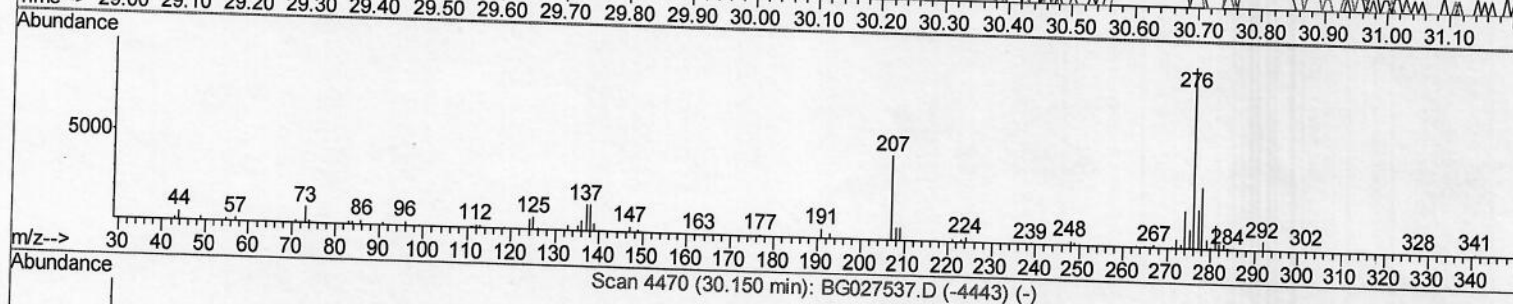
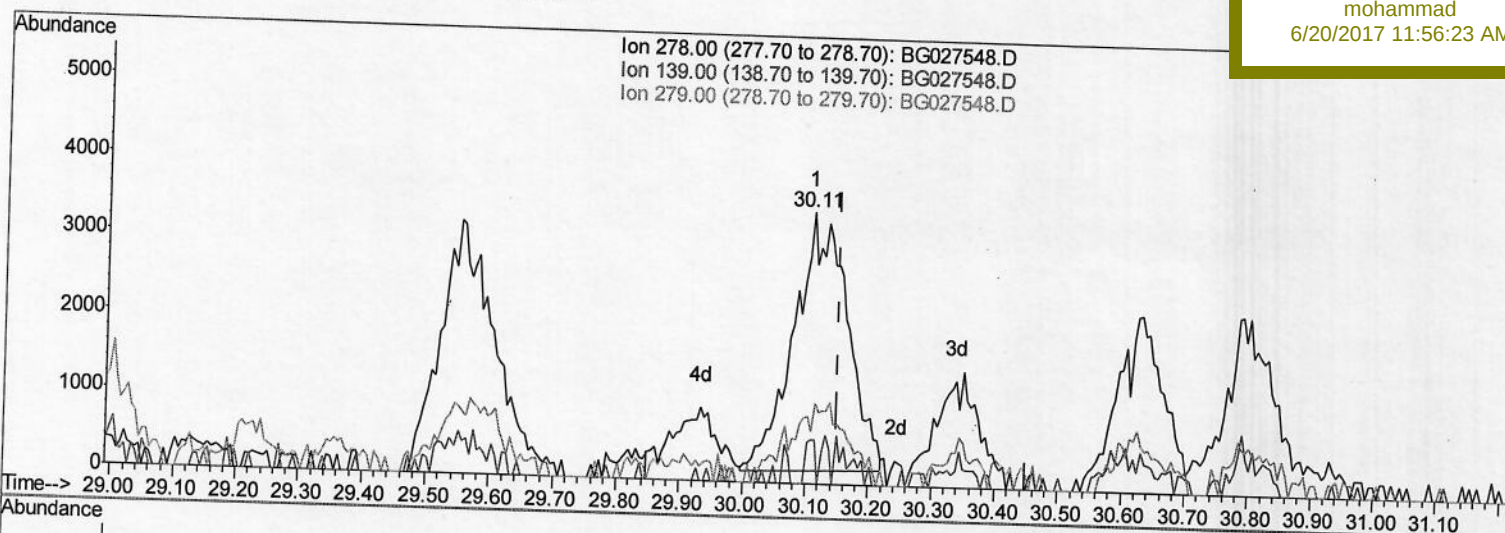
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Operator : SJ/MA  
Sample : I3625-01  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
Client Sample ID :  
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Manual Integrations  
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Quant Time: Jun 20 07:06:45 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
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QLast Update : Tue Jun 20 01:50:01 2017  
Response via : Initial Calibration



(90) Dibenzo(a,h)anthracene

30.108min (-0.042) 1.04ng/ul m

response 19249

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 8.40  | 16.08# |
| 279.00 | 26.10 | 18.91# |
| 0.00   | 0.00  | 0.00   |

> 5.5  
66/30/2017

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061917\

Quantitation Report

(QT Reviewed)

Data File : BG027548.D

Acq On : 20 Jun 2017 3:35

Operator : SJ/MA

Sample : I3625-01

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 20 07:07:31 2017

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 20 01:50:01 2017

Response via : Initial Calibration

Instrument :

BNA\_G

ClientSampleId :

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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 | 8.52  | 152  | 38182    | 20.00 | ng/ul | 0.00      |
| 18) Naphthalene-d8        | 11.34 | 136  | 201422   | 20.00 | ng/ul | 0.00      |
| 35) Acenaphthene-d10      | 15.10 | 164  | 134820   | 20.00 | ng/ul | 0.00      |
| 61) Phenanthrene-d10      | 17.86 | 188  | 313536   | 20.00 | ng/ul | 0.00      |
| 75) Chrysene-d12          | 22.23 | 240  | 346489   | 20.00 | ng/ul | 0.00      |
| 83) Perylene-d12          | 25.88 | 264  | 329234   | 20.00 | ng/ul | 0.00      |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 4.08  | 96  | 2012   | 2.11  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.65  | 99  | 52366  | 12.65 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.83  | 67  | 39762  | 14.09 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.05  | 132 | 39266  | 14.35 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.19  | 113 | 42787  | 13.22 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.68  | 128 | 20479  | 14.00 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.41 | 143 | 23344  | 15.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.94 | 165 | 42311  | 14.41 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.46 | 131 | 51672  | 13.90 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.49 | 166 | 164800 | 14.60 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.80 | 160 | 188904 | 14.53 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.27 | 143 | 17842  | 8.08  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.09 | 176 | 149923 | 14.16 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.19 | 200 | 20544  | 10.55 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.95 | 188 | 225080 | 15.40 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.22 | 212 | 259705 | 15.35 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.62 | 264 | 230959 | 15.58 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |             | Qvalue |
|----------------------------|-------|-----|--------|-------------|--------|
| 6) Phenol                  | 7.68  | 94  | 4464   | 1.03 ng/ul  | 95     |
| 44) Dimethylphthalate      | 14.54 | 163 | 75147  | 6.71 ng/ul  | 97     |
| 74) Fluoranthene           | 19.88 | 202 | 41709  | 2.20 ng/ul# | 89     |
| 77) Pyrene                 | 20.25 | 202 | 68140  | 3.33 ng/ul# | 88     |
| 80) Benzo(a)anthracene     | 22.21 | 228 | 50353  | 2.61 ng/ul  | 96     |
| 82) Chrysene               | 22.28 | 228 | 67303  | 3.86 ng/ul  | 94     |
| 85) Benzo(b)fluoranthene   | 24.71 | 252 | 193876 | 9.89 ng/ul# | 95     |
| 86) Benzo(k)fluoranthene   | 24.78 | 252 | 47454m | 2.52 ng/ul  |        |
| 88) Benzo(a)pyrene         | 25.71 | 252 | 85832  | 4.56 ng/ul# | 96     |
| 89) Indeno(1,2,3-cd)pyrene | 30.07 | 276 | 80661  | 3.75 ng/ul# | 91     |
| 90) Dibenzo(a,h)anthracene | 30.11 | 278 | 19249m | 1.04 ng/ul  |        |
| 91) Benzo(g,h,i)perylene   | 31.39 | 276 | 56044  | 3.18 ng/ul# | 92     |

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

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BNA\_G

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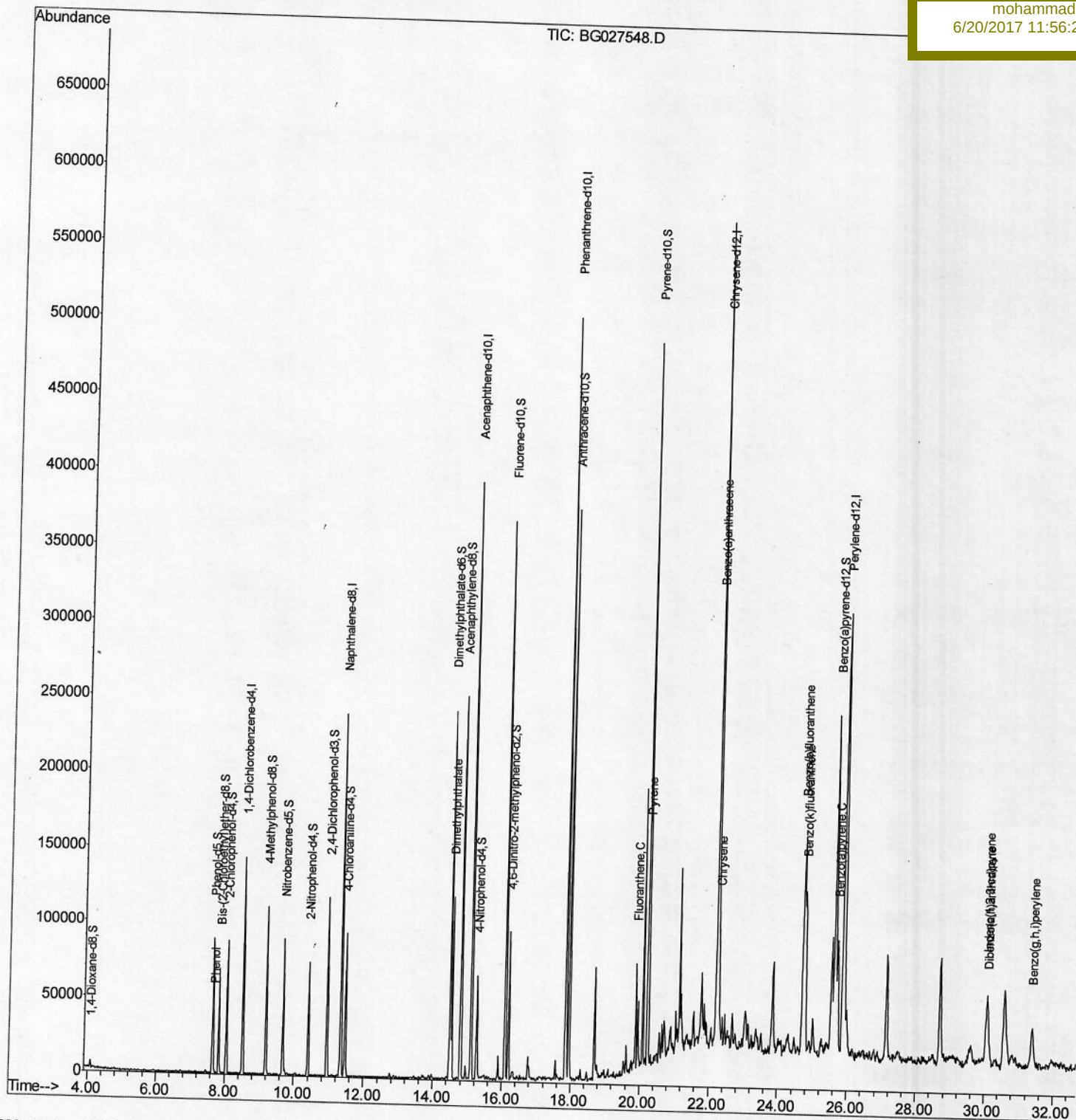
F5A82

Manual Integrations

APPROVED

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SOM-EPA-BG061617.M Tue Jun 20 07:08:18 2017

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