

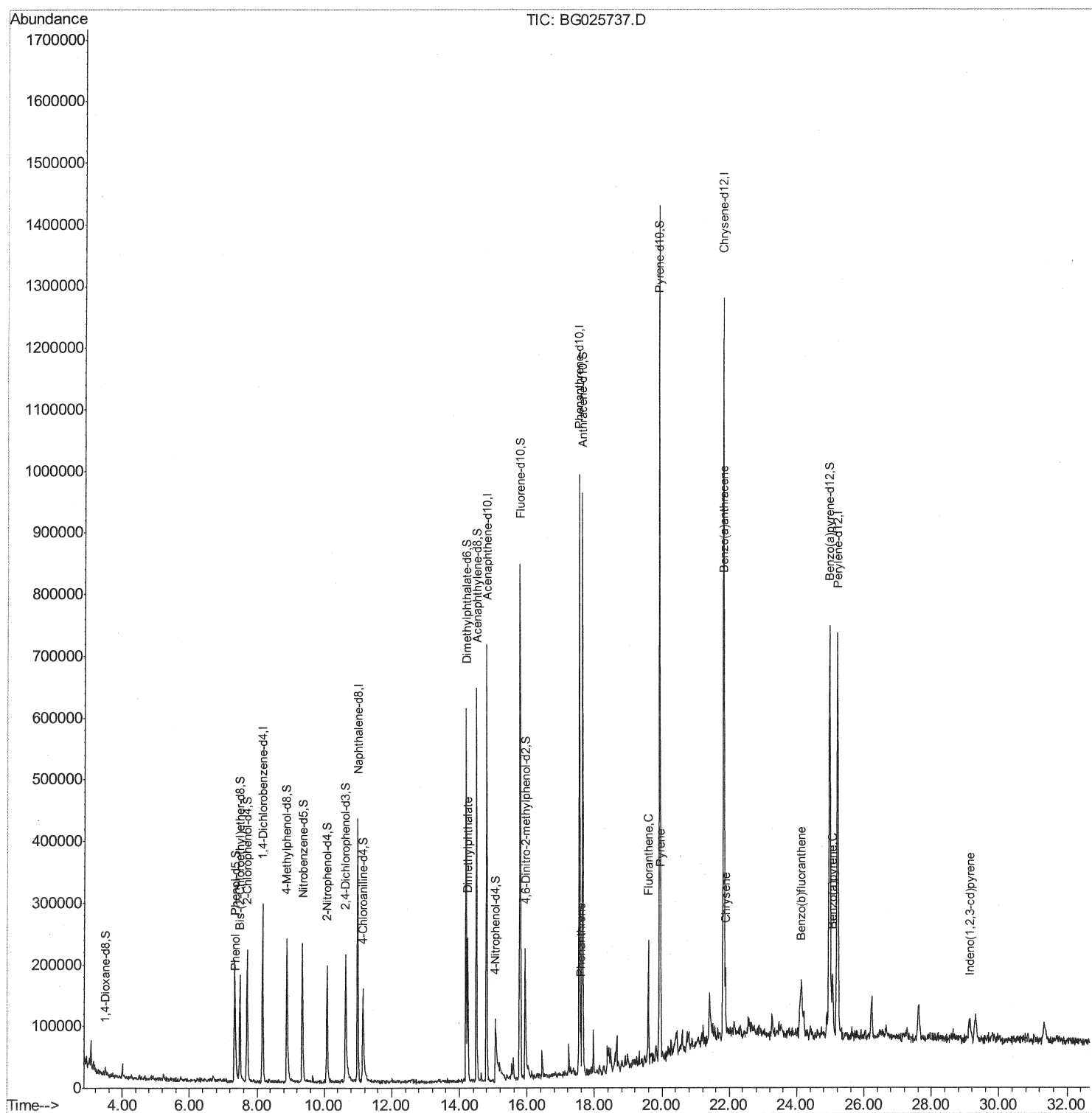
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG013117\  
Data File : BG025737.D  
Acq On : 1 Feb 2017 4:21  
Operator : SJ/MA  
Sample : I1460-15  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BDNS8

Manual Integrations  
APPROVED

mohammad  
2/1/2017 4:57:02 PM

Quant Time: Feb 01 05:49:59 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011817.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 01 04:33:02 2017  
Response via : Initial Calibration



# Quantitation Report (Qedit)

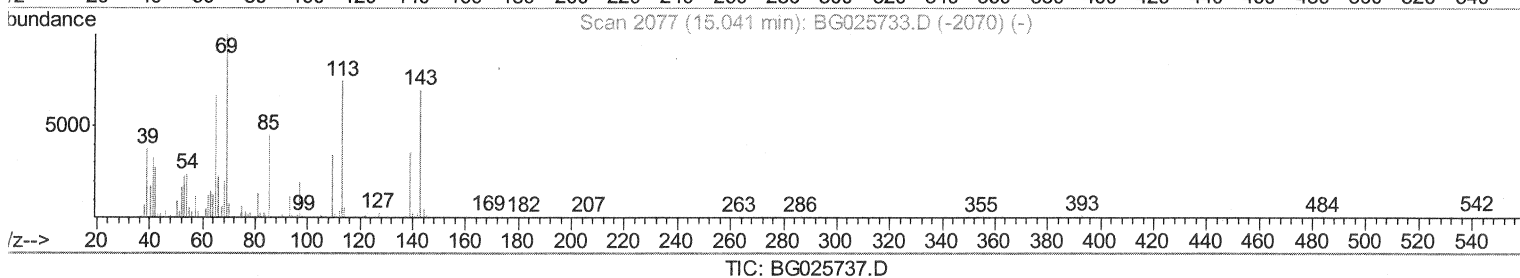
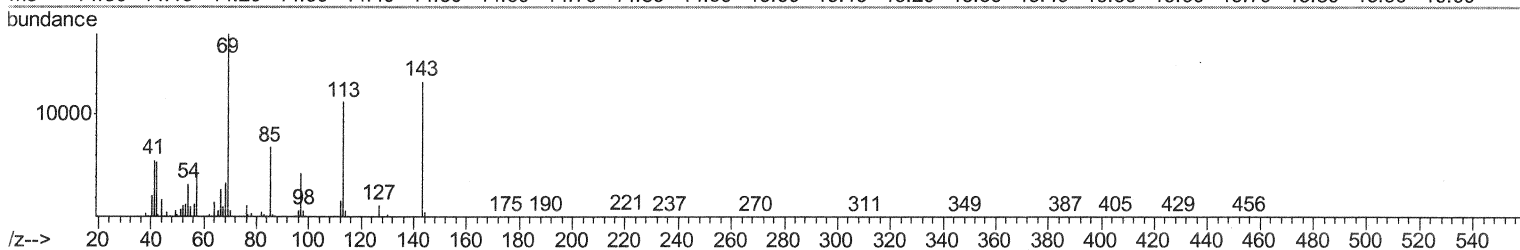
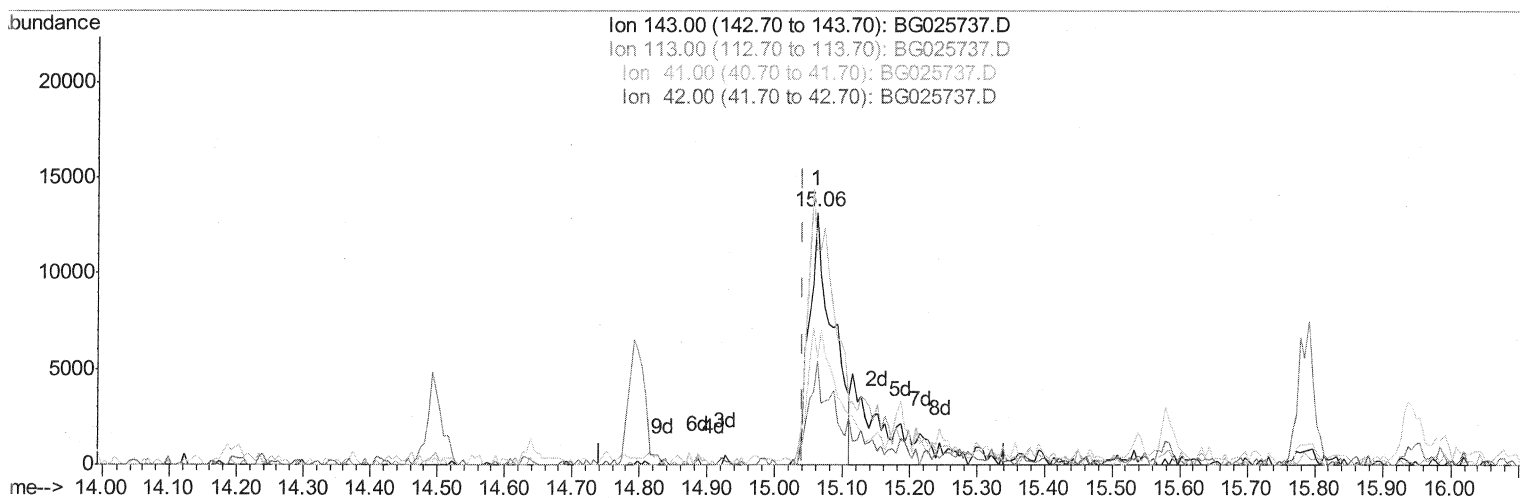
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Manual Integrations  
 APPROVED

mohammad  
 2/1/2017 4:57:02 PM

Quant Time: Feb 01 05:48:26 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011817.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 01 04:33:02 2017  
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

15.062min (+0.021) 12.66ng/ul

response 32007

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 84.88# |
| 41.00  | 58.00  | 42.34# |
| 42.00  | 42.20  | 41.06  |

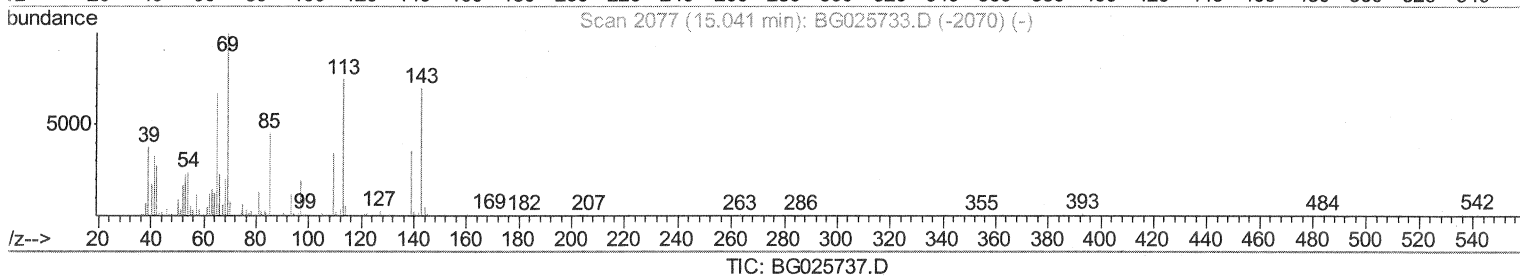
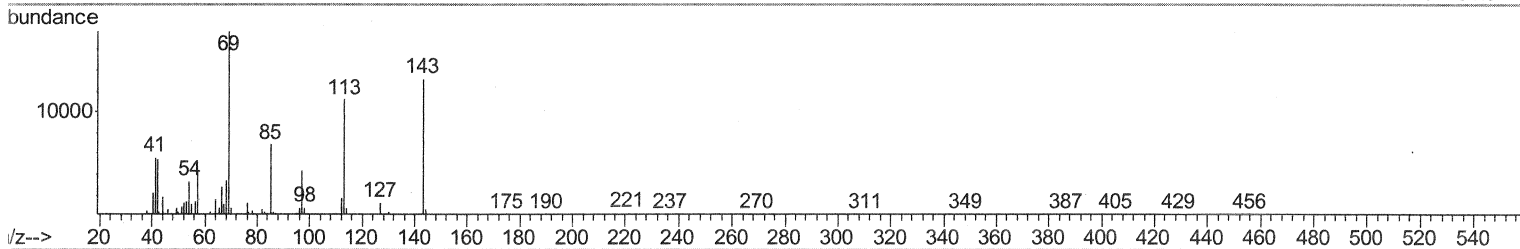
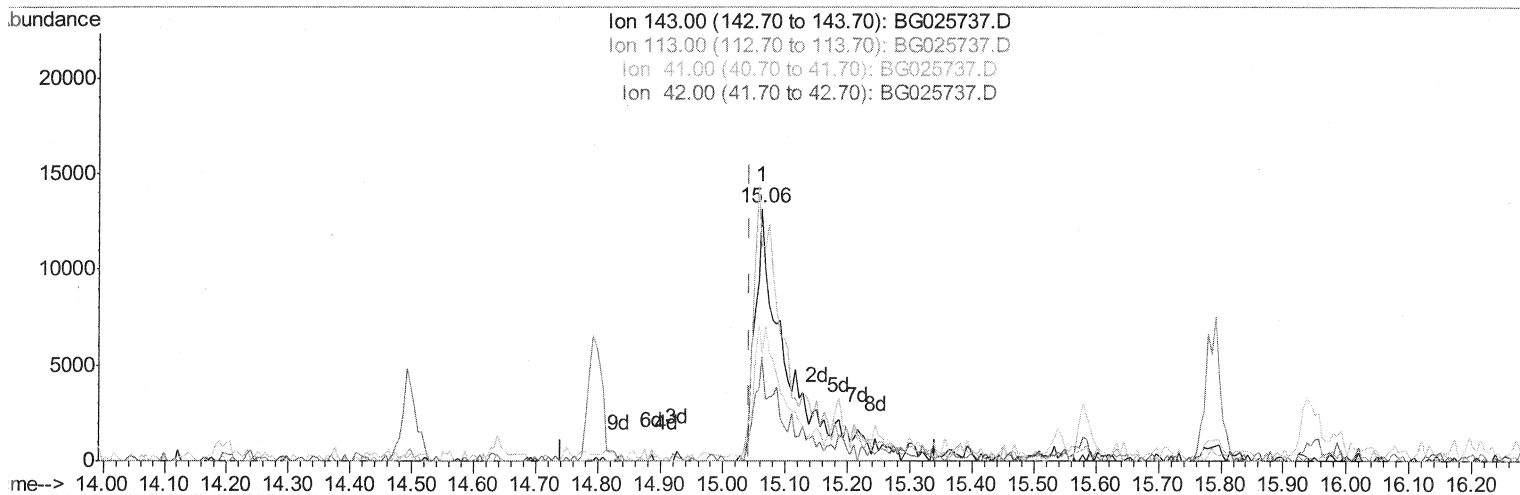
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Manual Integrations  
APPROVED

mohammad  
2/1/2017 4:57:02 PM

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(51) 4-Nitrophenol-d4 (S)

15.062min (+0.021) 19.34ng/ul m

SJ 2/1/17

response 48897

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 84.88# |
| 41.00  | 58.00  | 42.34# |
| 42.00  | 42.20  | 41.06  |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG013117\  
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Manual Integrations  
 APPROVED

mohammad  
 2/1/2017 4:57:02 PM

Quant Time: Feb 01 05:49:59 2017  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 77596    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.00 | 136  | 329101   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.80 | 164  | 261233   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.54 | 188  | 575396   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.83 | 240  | 749238   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.21 | 264  | 759525   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96  | 7457   | 4.81  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.34  | 99  | 127491 | 19.17 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.48  | 67  | 99178  | 23.09 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.70  | 132 | 94644  | 20.18 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.89  | 113 | 108675 | 19.22 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.36  | 128 | 48871  | 20.95 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.08 | 143 | 57553  | 20.68 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.63 | 165 | 98509  | 17.94 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.15 | 131 | 101930 | 16.61 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.19 | 166 | 393930 | 21.35 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.50 | 160 | 456574 | 22.91 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 48897m | 19.34 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.79 | 176 | 353387 | 20.32 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.94 | 200 | 63132  | 17.79 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.64 | 188 | 568352 | 23.20 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.92 | 212 | 755415 | 24.23 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.97 | 264 | 684242 | 21.43 | ng/ul | 0.00 |

SJ 2/1/17

## Target Compounds

|                            |       |     |        |      |        | Qvalue |
|----------------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol                  | 7.36  | 94  | 21139  | 3.03 | ng/ul  | 96     |
| 44) Dimethylphthalate      | 14.24 | 163 | 145641 | 8.03 | ng/ul  | 100    |
| 69) Phenanthrene           | 17.59 | 178 | 49270  | 1.76 | ng/ul  | 98     |
| 74) Fluoranthene           | 19.59 | 202 | 125893 | 3.81 | ng/ul  | 99     |
| 77) Pyrene                 | 19.95 | 202 | 125918 | 3.42 | ng/ul  | 99     |
| 80) Benzo(a)anthracene     | 21.81 | 228 | 74323  | 1.88 | ng/ul  | 96     |
| 82) Chrysene               | 21.88 | 228 | 82909  | 2.23 | ng/ul  | 97     |
| 85) Benzo(b)fluoranthene   | 24.13 | 252 | 119168 | 3.03 | ng/ul# | 95     |
| 88) Benzo(a)pyrene         | 25.05 | 252 | 60514  | 1.63 | ng/ul# | 92     |
| 89) Indeno(1,2,3-cd)pyrene | 29.13 | 276 | 51076  | 1.08 | ng/ul# | 90     |

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