

# Quantitation Report (QT Reviewed)

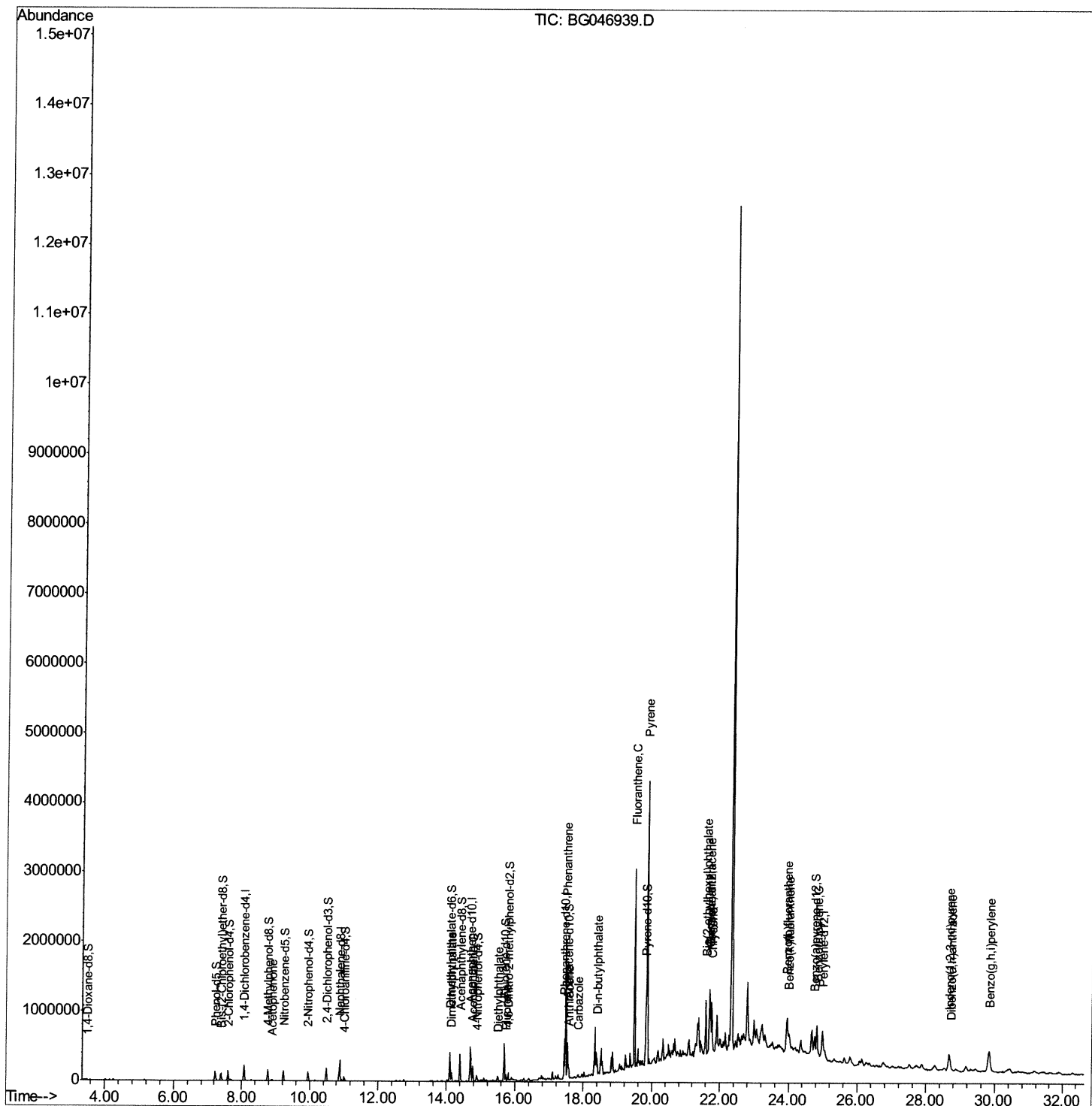
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG101720\  
 Data File : BG046939.D  
 Acq On : 17 Oct 2020 12:55  
 Operator : CG/JU  
 Sample : L4201-13  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP3

Manual Integrations  
 APPROVED

mohammad  
 10/19/2020 1:25:39 PM

Quant Time: Oct 17 14:13:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG101520MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 17 13:26:44 2020  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

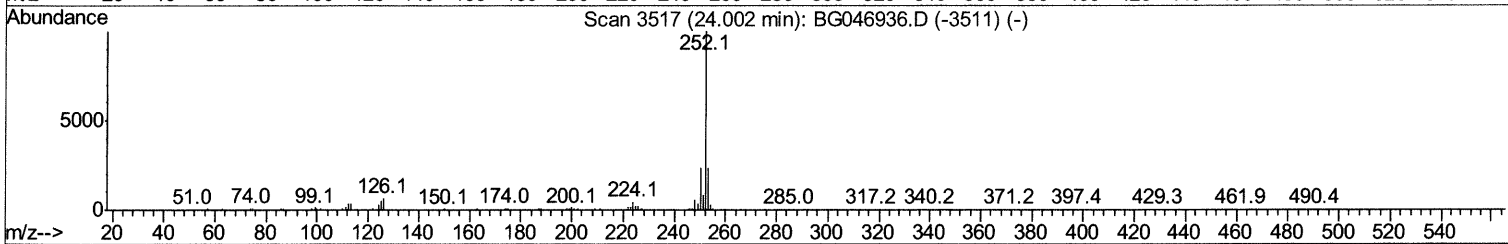
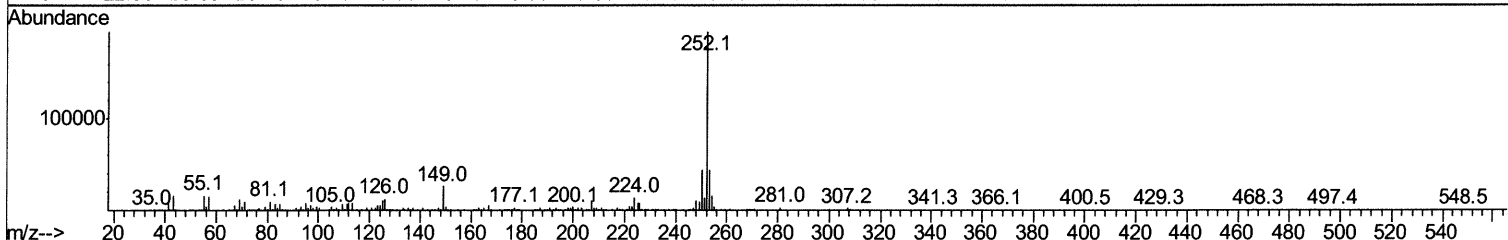
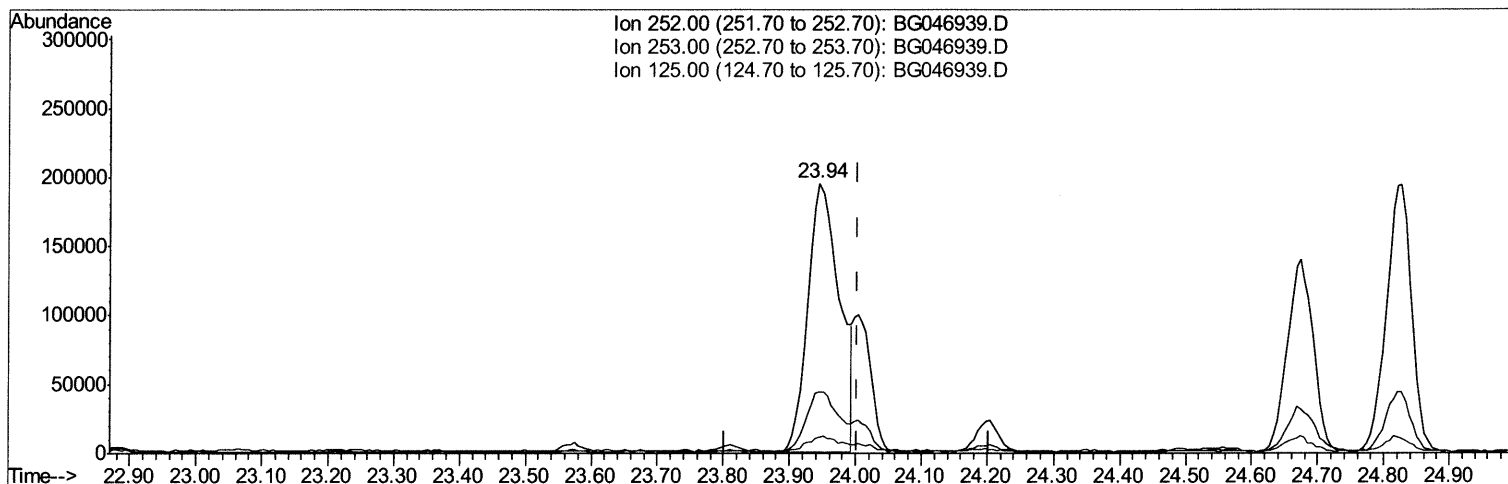
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TIC: BG046939.D

(89) Benzo(k)fluoranthene

23.945min (-0.058) 28.43ng/ul

response 648156

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.10 | 22.82 |
| 125.00 | 5.30  | 5.86  |
| 0.00   | 0.00  | 0.00  |

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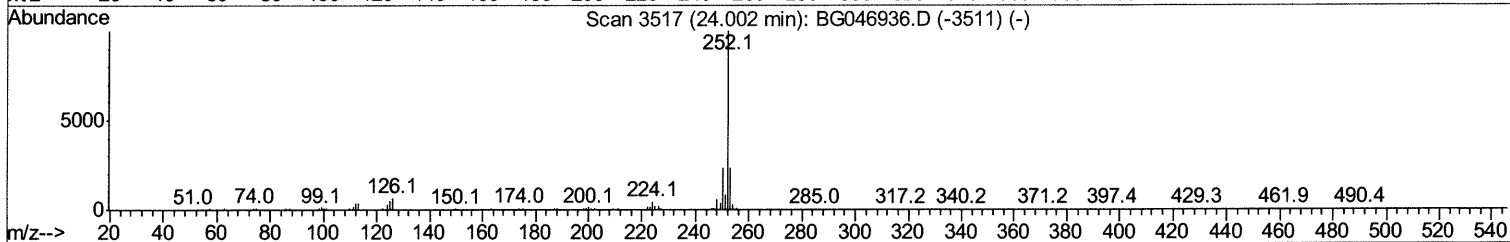
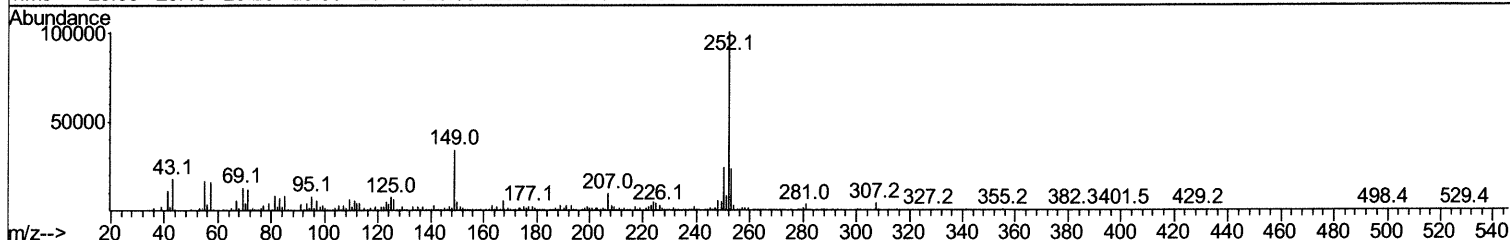
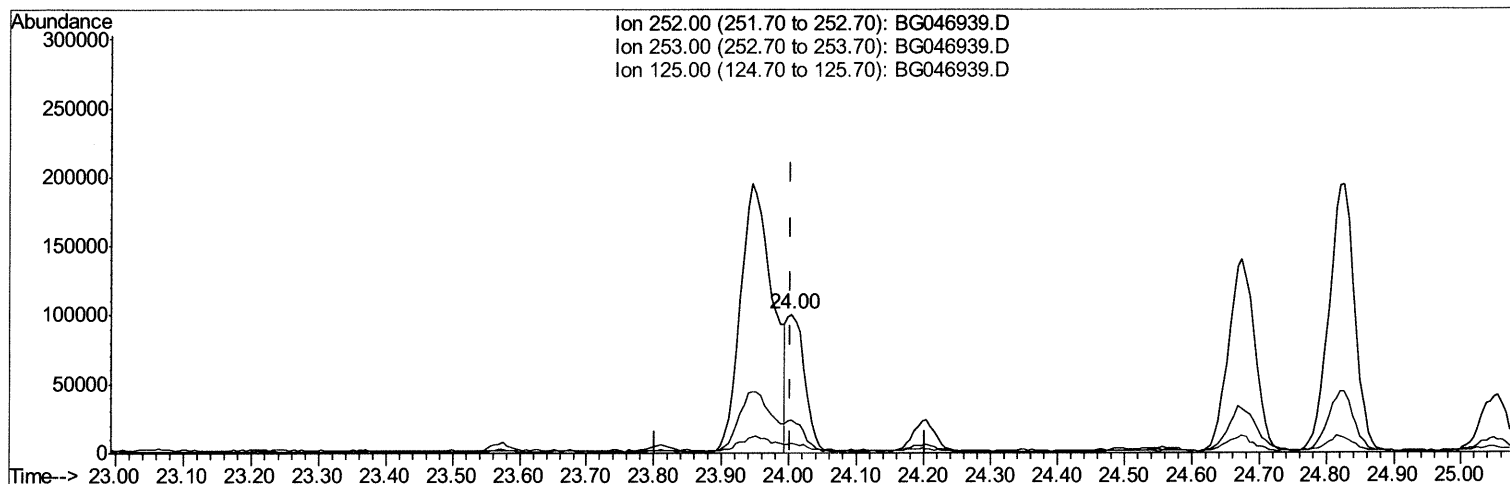
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(89) Benzo(k)fluoranthene

24.004min (+0.001) 8.26ng/ul m 10/20/20 JU

response 188311

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.10 | 23.57 |
| 125.00 | 5.30  | 7.52# |
| 0.00   | 0.00  | 0.00  |

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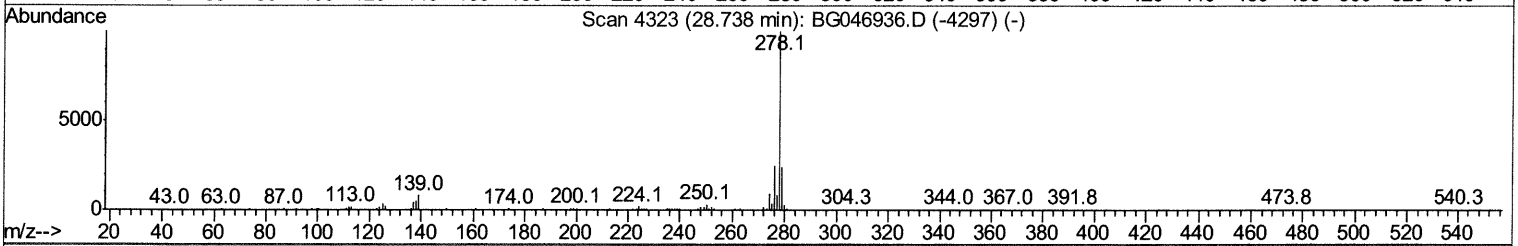
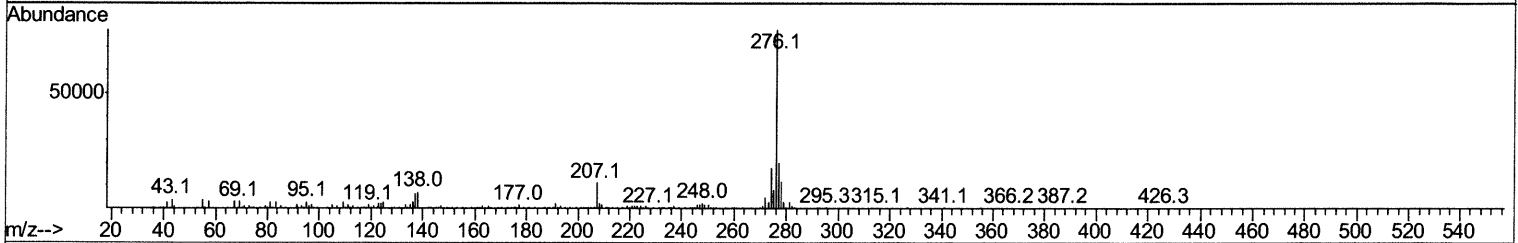
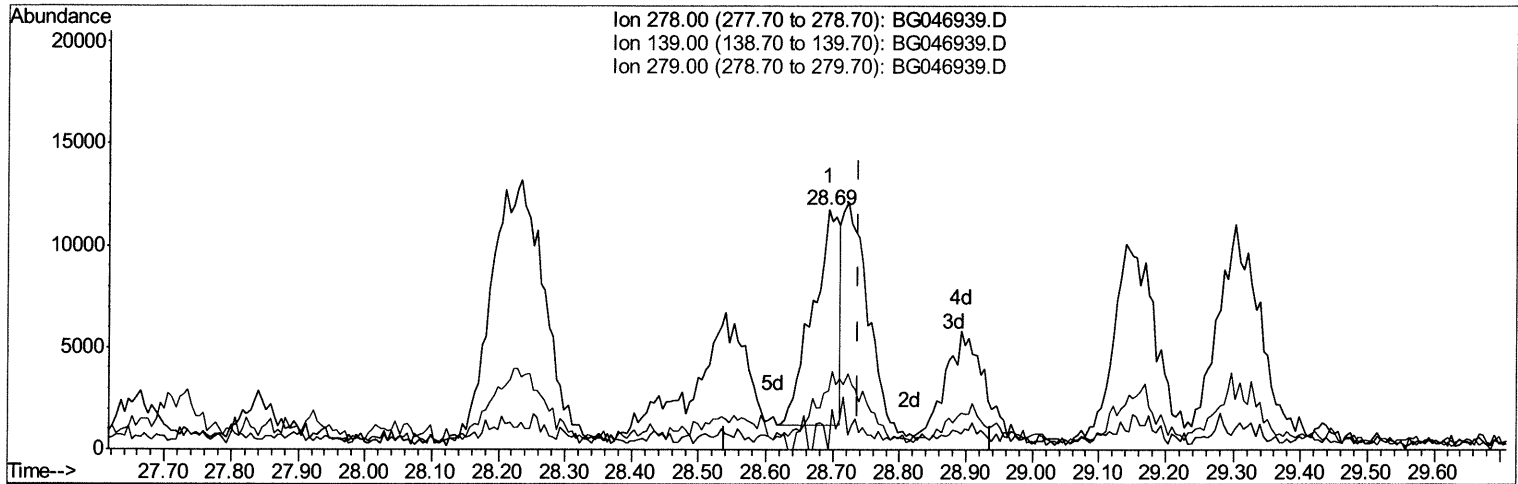
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(93) Dibenzo(a,h)anthracene

28.692min (-0.046) 1.38ng/ul

response 29861

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 8.80  | 0.00# |
| 279.00 | 23.70 | 24.42 |
| 0.00   | 0.00  | 0.00  |



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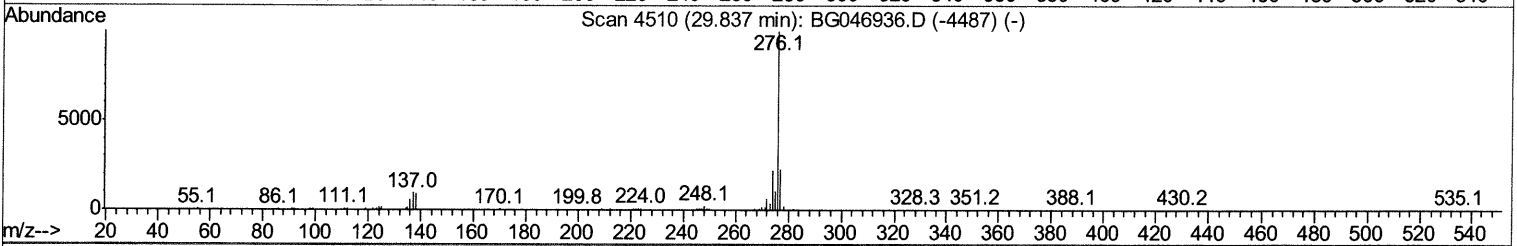
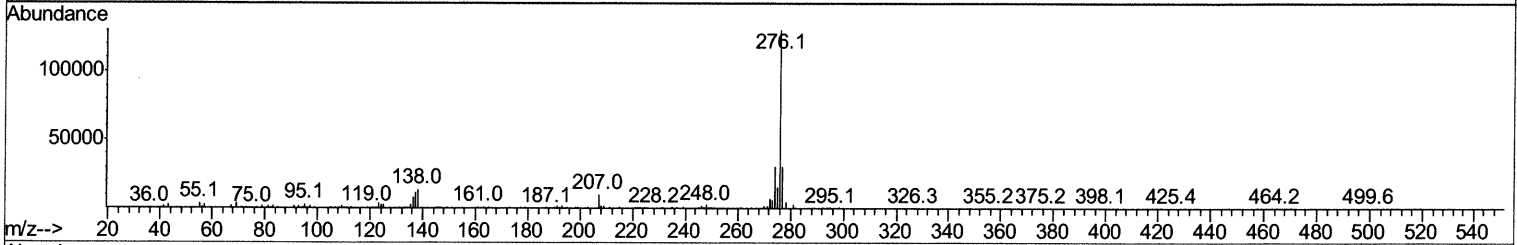
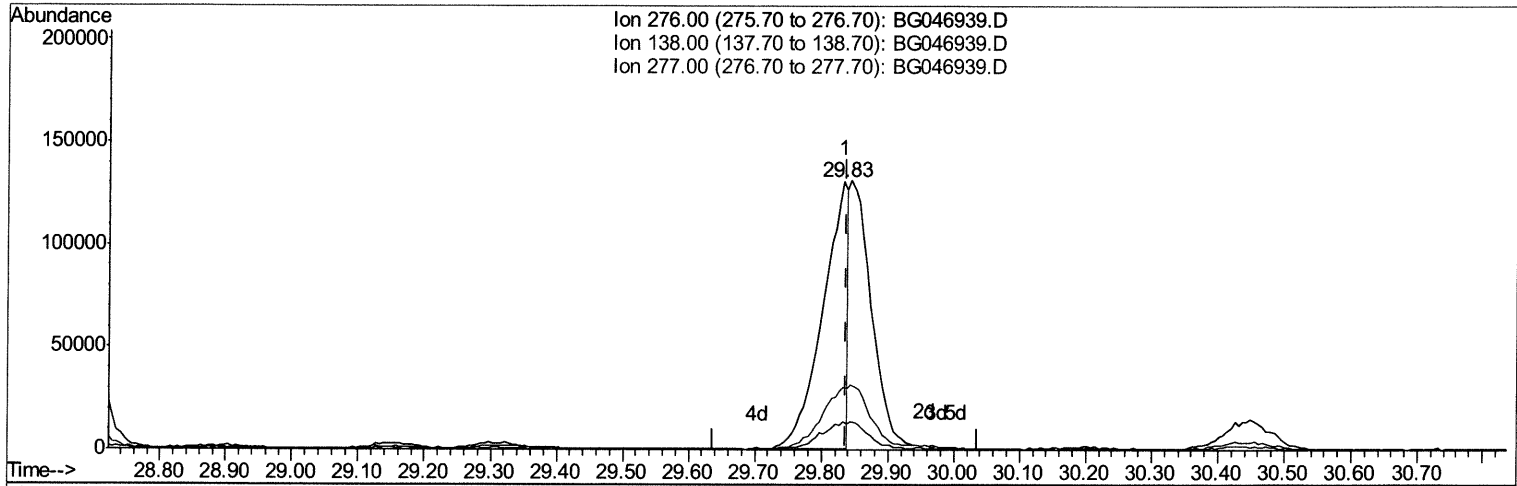
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(94) Benzo(g,h,i)perylene

29.832min (-0.005) 15.90ng/ul

response 347554

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 10.60 | 10.42 |
| 277.00 | 23.10 | 23.22 |
| 0.00   | 0.00  | 0.00  |

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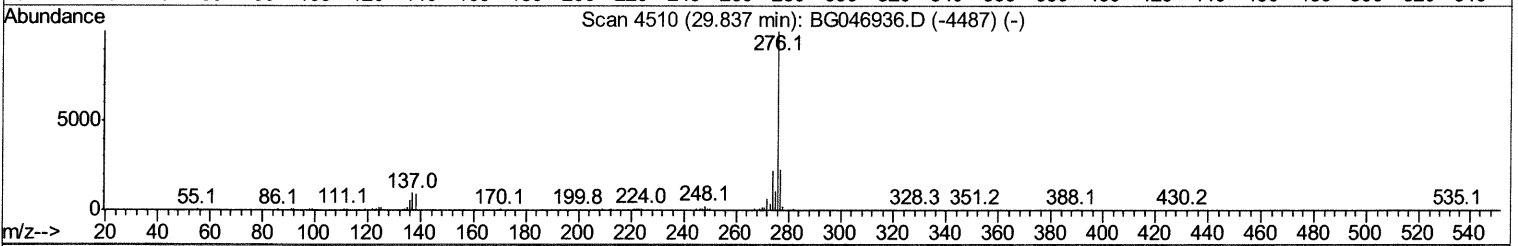
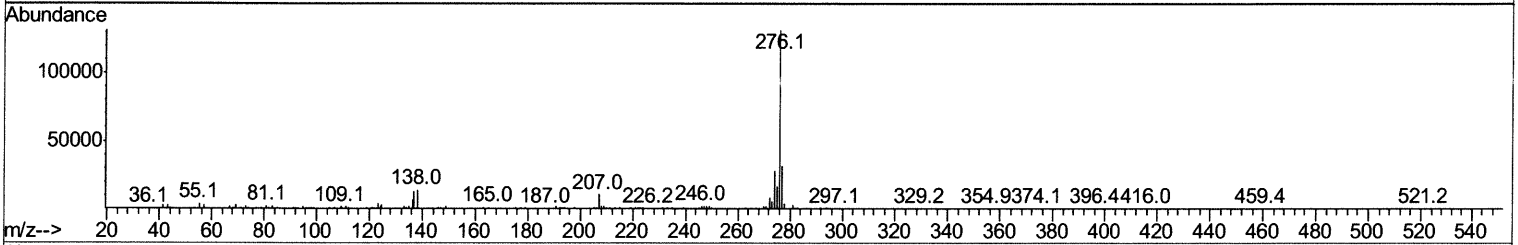
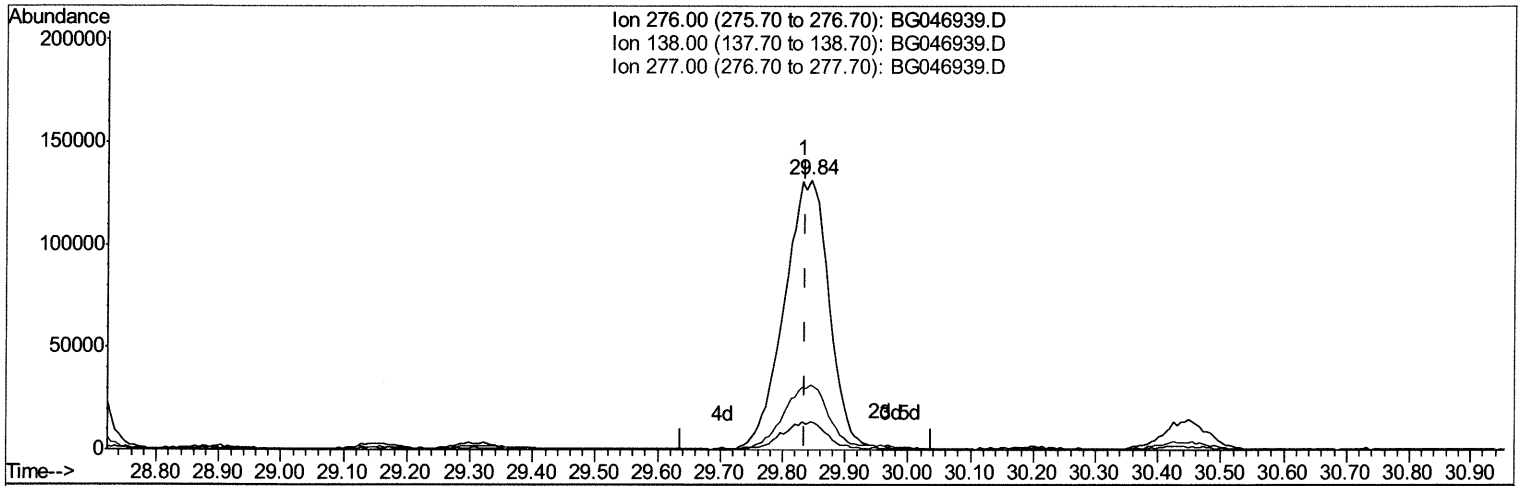
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 Operator : CG/JU  
 Sample : L4201-13  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

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 ClientSampleId :  
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Manual Integrations  
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TIC: BG046939.D

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

29.844min (+0.007) 29.60ng/ul m 10/20/20 JU

response 646812

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 10.60 | 10.40 |
| 277.00 | 23.10 | 23.94 |
| 0.00   | 0.00  | 0.00  |

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 62003    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.88 | 136  | 257683   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.70 | 164  | 177678   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.45 | 188  | 374222   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.72 | 240  | 339113   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.98 | 264  | 340766   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.49  | 96  | 3345   | 2.40  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.22  | 99  | 72423  | 13.36 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.39  | 67  | 51137  | 16.14 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.60  | 132 | 62453  | 15.30 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.77  | 113 | 57754  | 13.22 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.23  | 128 | 33863  | 15.46 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.96  | 143 | 39958  | 16.00 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.50 | 165 | 71027  | 14.49 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.01 | 131 | 34908  | 6.20  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.10 | 166 | 257324 | 17.43 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.39 | 160 | 285672 | 16.98 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.88 | 143 | 21624  | 8.50  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.69 | 176 | 219494 | 16.18 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 30371  | 11.78 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.54 | 188 | 301790 | 16.65 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.83 | 212 | 326443 | 17.56 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.76 | 264 | 312701 | 16.29 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |         | Ovalue |               |
|--------------------------------|-------|-----|---------|---------|--------|---------------|
| 14) Acetophenone               | 8.89  | 105 | 7398    | 1.056   | ng/ul# | 70            |
| 45) Dimethylphthalate          | 14.14 | 163 | 82977   | 5.423   | ng/ul  | 98            |
| 50) Acenaphthene               | 14.76 | 153 | 91476   | 7.671   | ng/ul  | 92            |
| 57) Diethylphthalate           | 15.50 | 149 | 33922   | 2.223   | ng/ul  | 94            |
| 59) Fluorene                   | 15.74 | 166 | 36393   | 2.503   | ng/ul  | 99            |
| 70) Phenanthrene               | 17.49 | 178 | 1242524 | 58.026  | ng/ul  | 97            |
| 72) Anthracene                 | 17.58 | 178 | 78024   | 3.607   | ng/ul  | 99            |
| 75) Carbazole                  | 17.85 | 167 | 21095   | 1.215   | ng/ul# | 95            |
| 76) Di-n-butylphthalate        | 18.40 | 149 | 150635  | 6.628   | ng/ul  | 99            |
| 77) Fluoranthene               | 19.50 | 202 | 1721731 | 65.845  | ng/ul# | 98            |
| 80) Pyrene                     | 19.86 | 202 | 2498716 | 108.878 | ng/ul# | 95            |
| 83) Benzo(a)anthracene         | 21.70 | 228 | 433985  | 18.542  | ng/ul  | 96            |
| 84) Bis(2-ethylhexyl)phthalate | 21.60 | 149 | 313662  | 26.302  | ng/ul  | 98            |
| 85) Chrysene                   | 21.77 | 228 | 529135  | 23.432  | ng/ul  | 97            |
| 88) Benzo(b)fluoranthene       | 23.94 | 252 | 648156  | 27.420  | ng/ul  | 100           |
| 89) Benzo(k)fluoranthene       | 24.00 | 252 | 188311m | 8.261   | ng/ul  | 10/20/20 JU   |
| 91) Benzo(a)pyrene             | 24.83 | 252 | 514458  | 24.209  | ng/ul  | 97            |
| 92) Indeno(1,2,3-cd)pyrene     | 28.67 | 276 | 424540  | 16.307  | ng/ul  | 100           |
| 93) Dibenzo(a,h)anthracene     | 28.72 | 278 | 66423m  | 3.077   | ng/ul  | 3             |
| 94) Benzo(a,h,i)perylene       | 29.84 | 276 | 646812m | 29.598  | ng/ul  | 3 10/20/20 JU |

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