

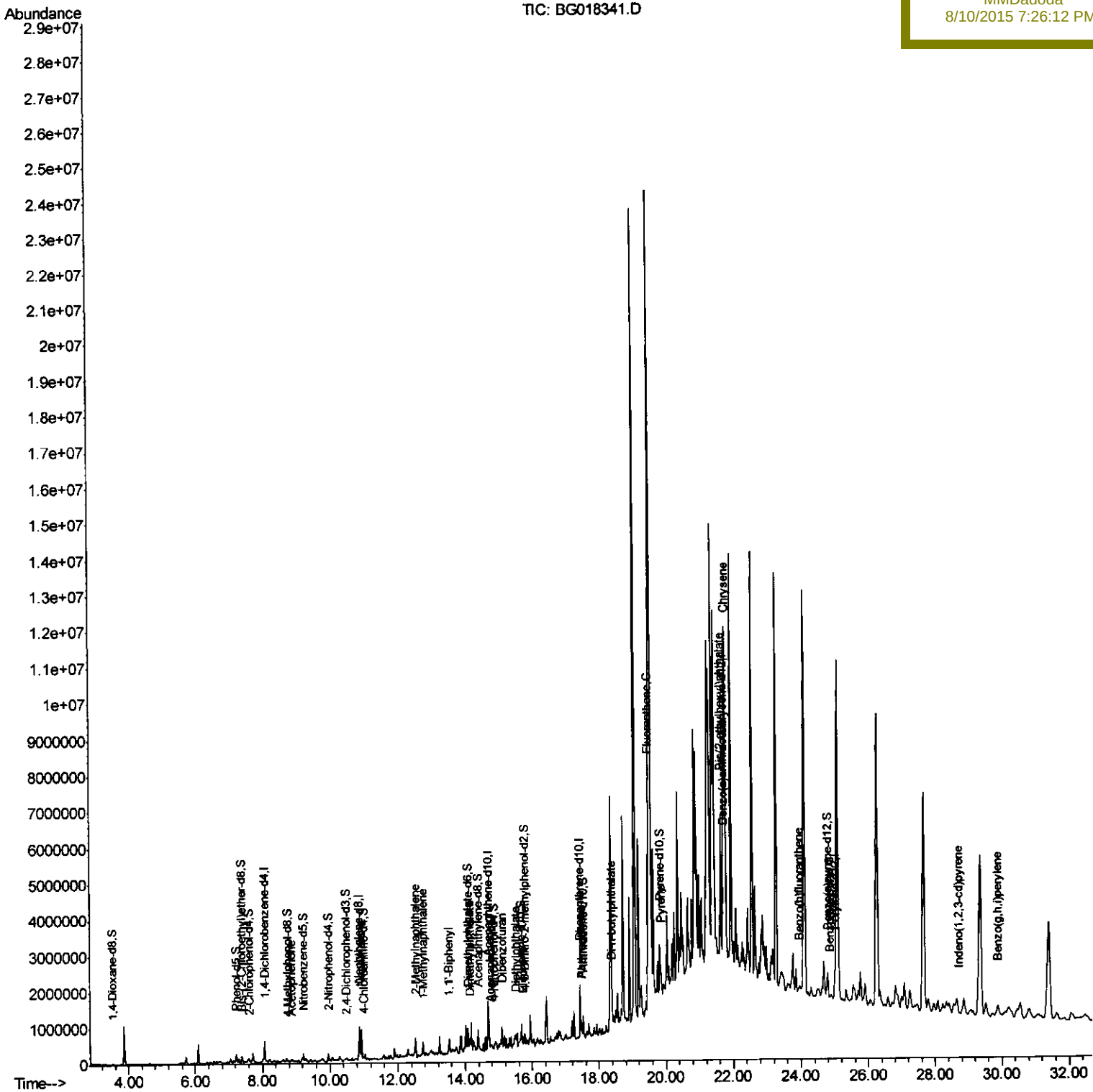
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG080915\  
Data File : BG018341.D  
Acq On : 9 Aug 2015 22:56  
Operator : UM/TP  
Sample : G3136-08  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 10 08:12:17 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080915.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 10 07:50:23 2015  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
C01T9

Manual Integrations  
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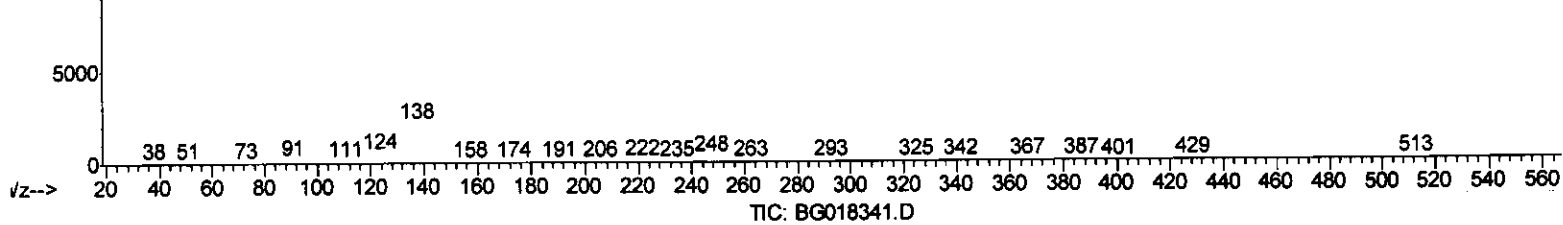
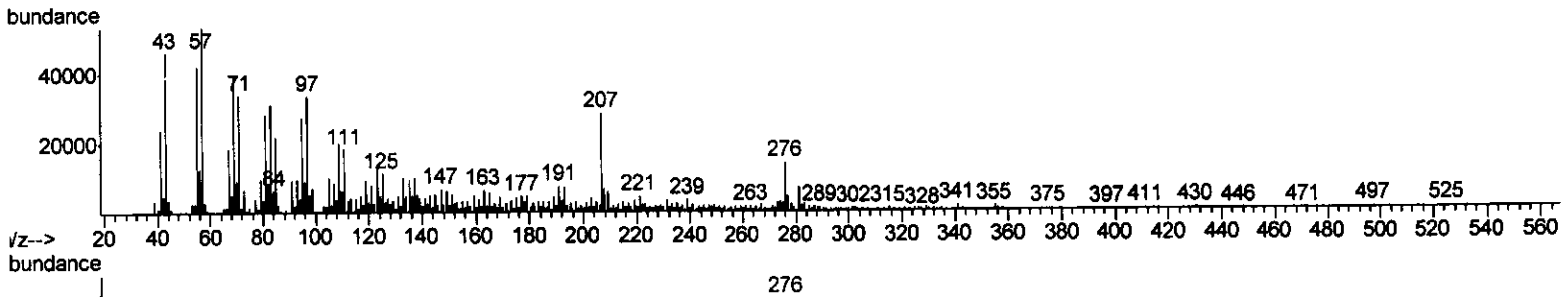
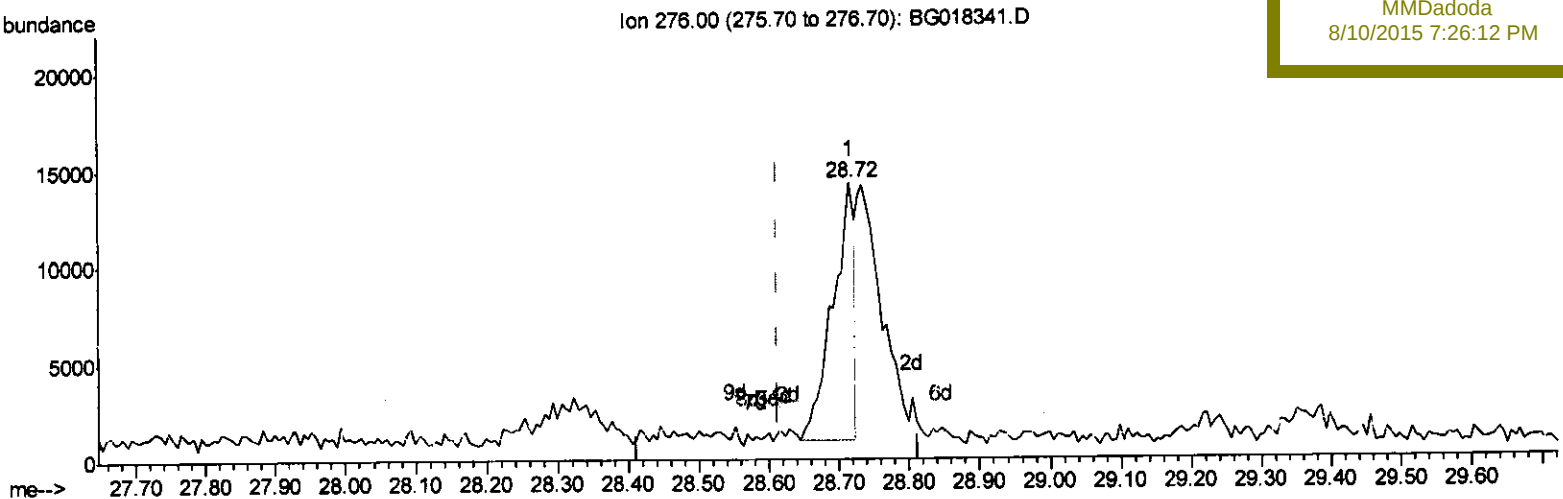


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(92) Indeno(1,2,3-cd)pyrene

28.717min (+0.104) 0.61ng/ul

response 28083

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 19.70 | 37.57# |
| 277.00 | 23.60 | 32.46# |
| 0.00   | 0.00  | 0.00   |

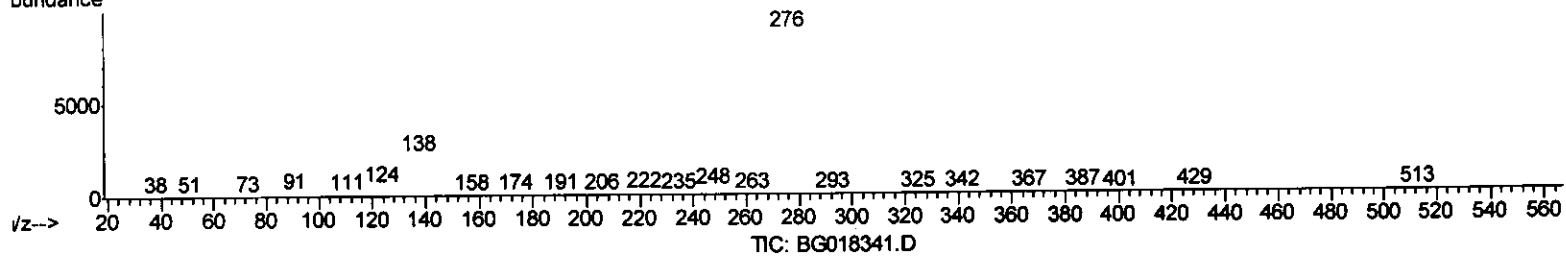
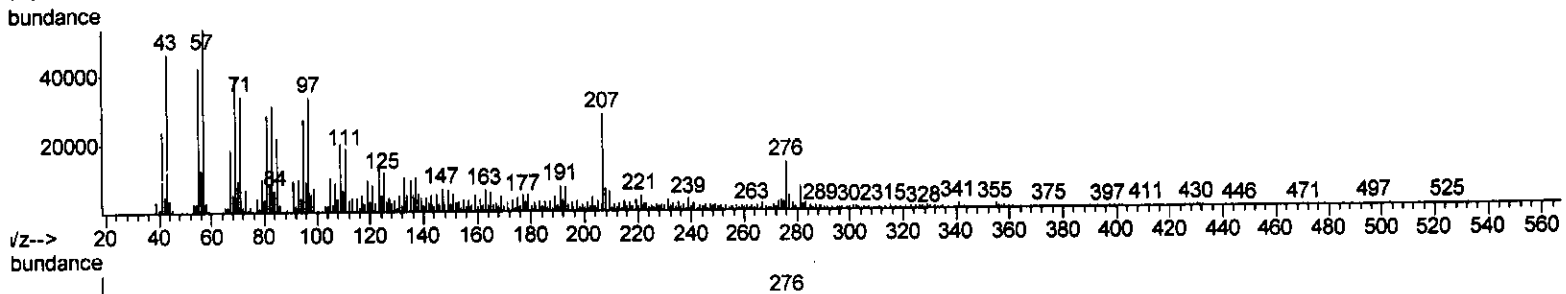
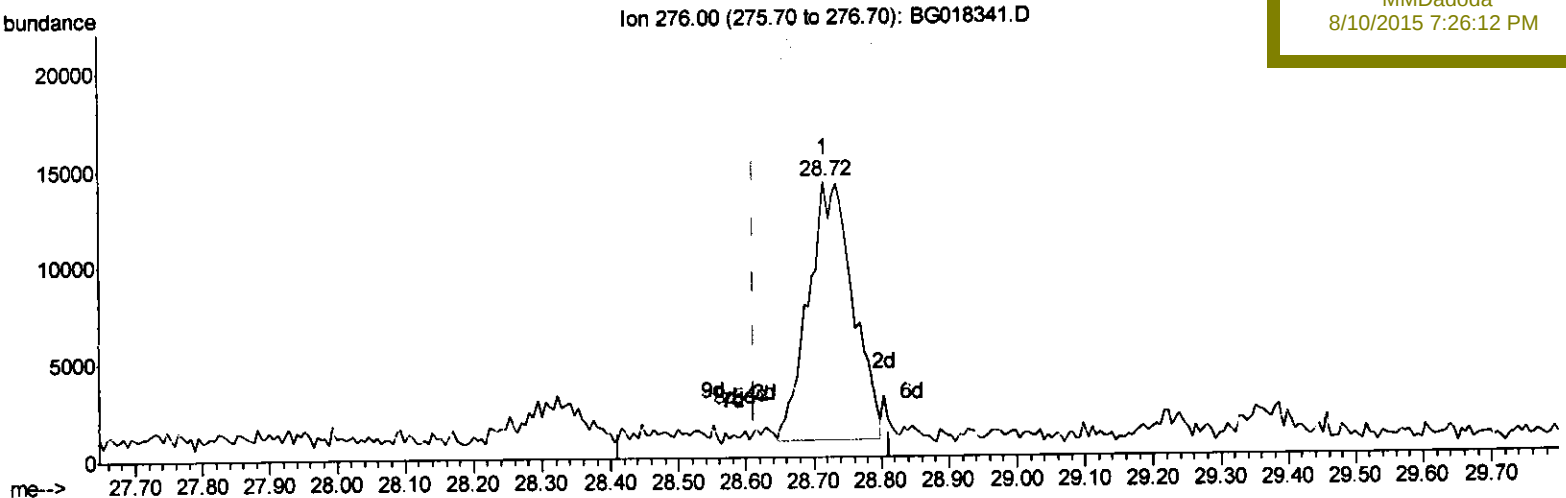
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C01T9

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

28.717min (+0.104) 1.32ng/ul m

response 60764

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 19.70 | 37.57# |
| 277.00 | 23.60 | 32.46# |
| 0.00   | 0.00  | 0.00   |

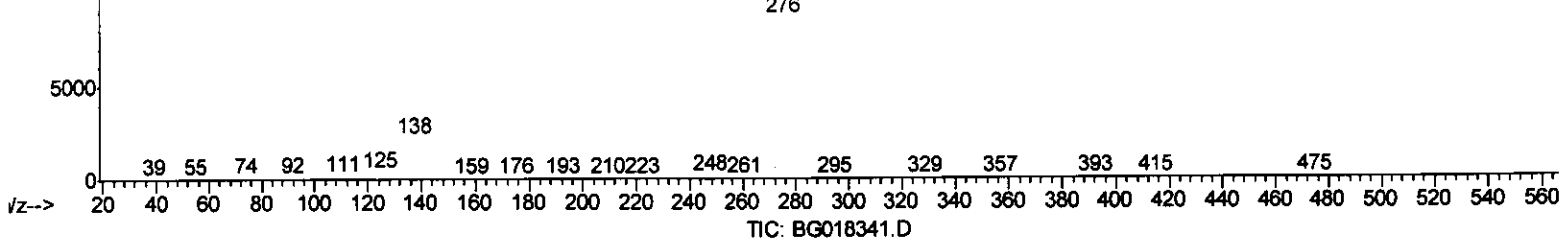
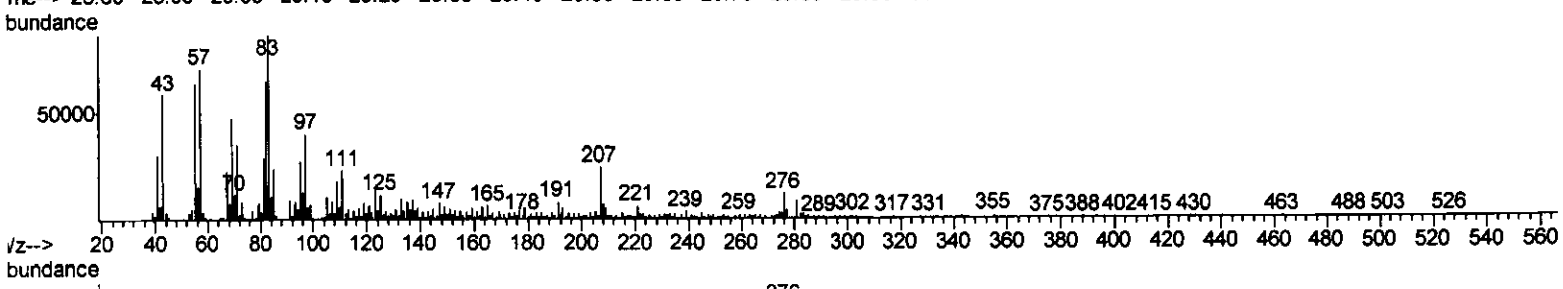
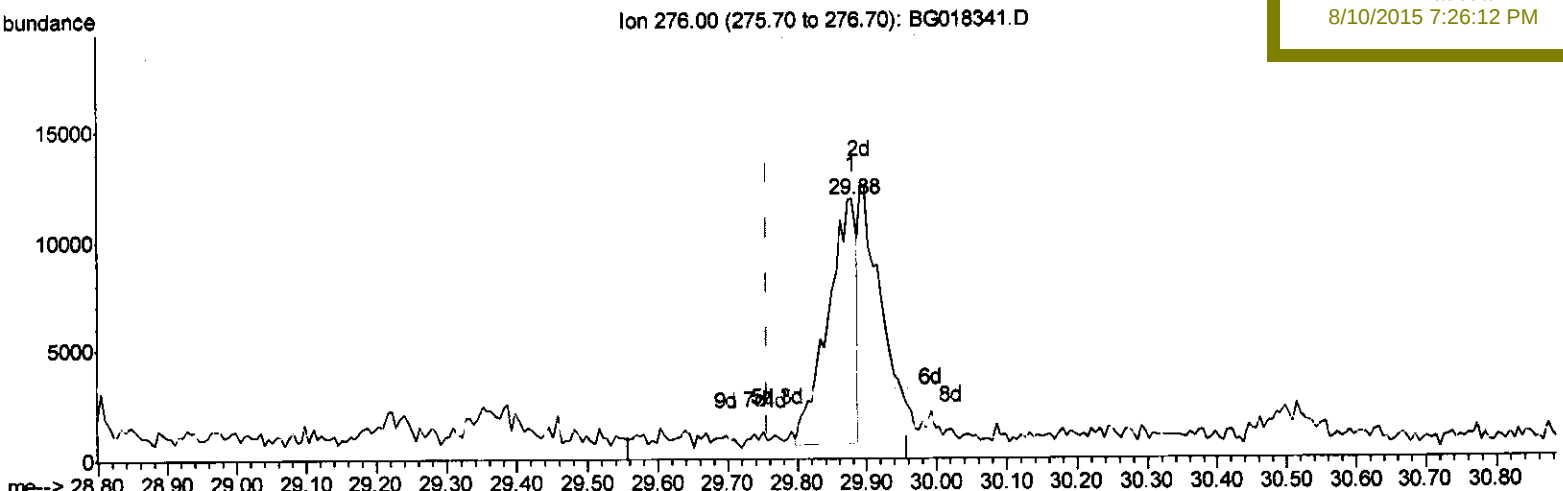
> U.M.  
09/08/15

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

29.880min (+0.121) 0.83ng/ul

response 31924

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 20.60 | 37.89# |
| 277.00 | 23.80 | 33.92# |
| 0.00   | 0.00  | 0.00   |

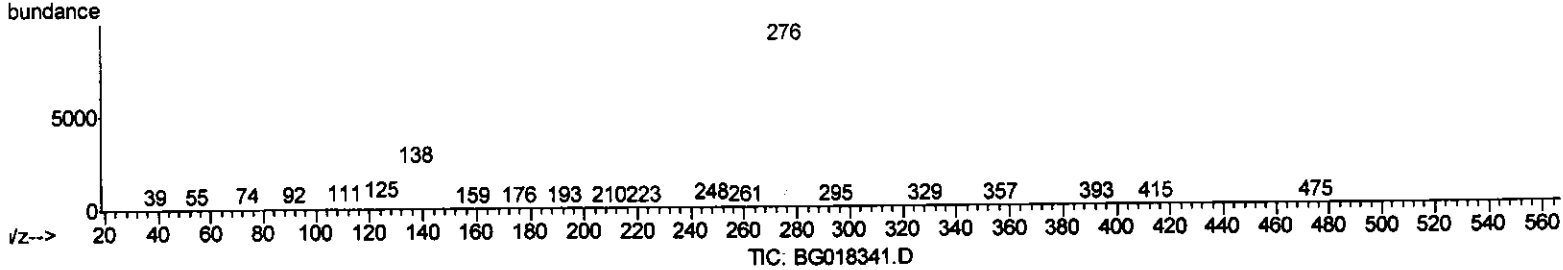
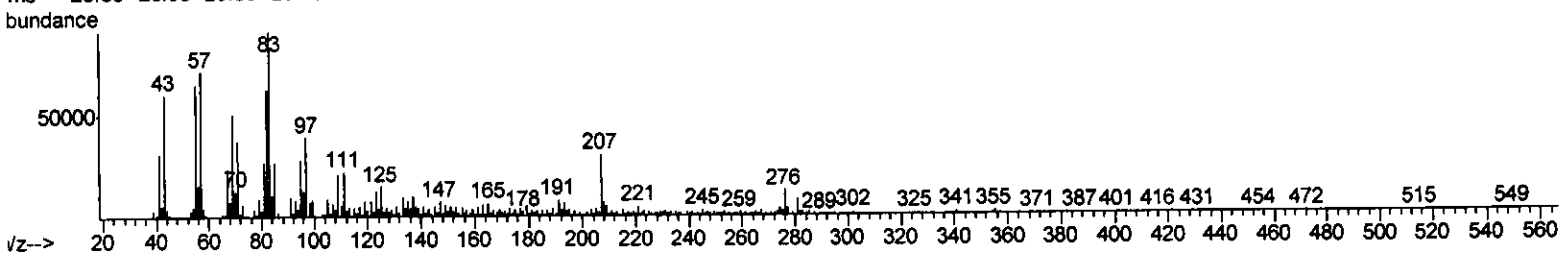
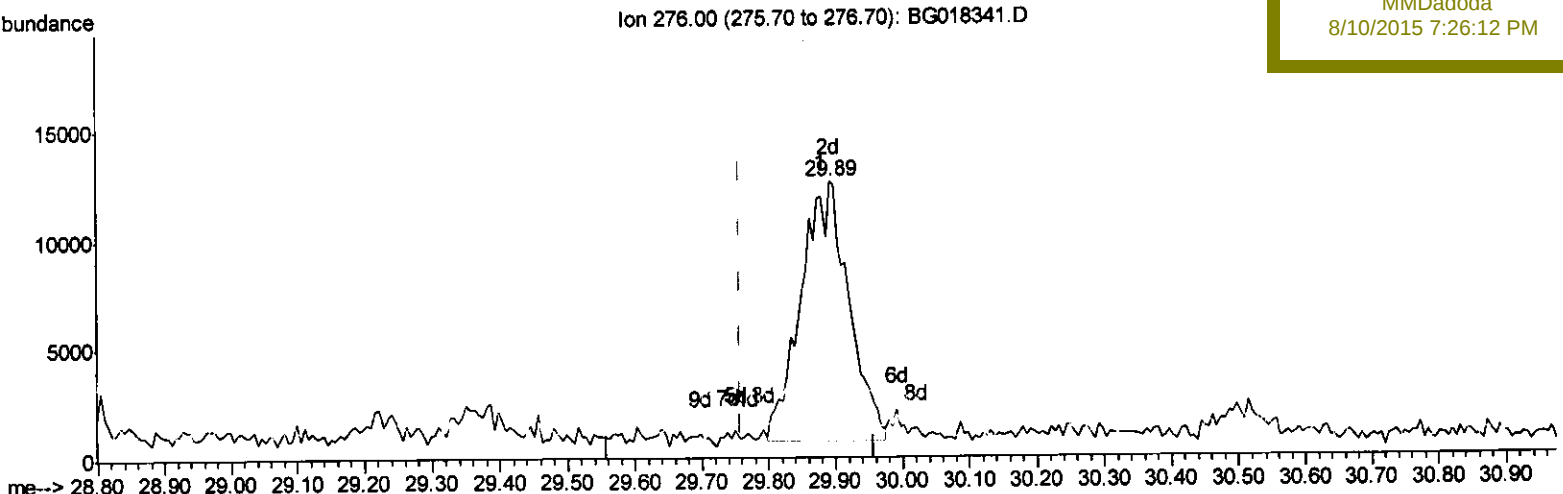
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ALS Vial : 15 Sample Multiplier: 1

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Instrument :  
BNA\_G  
ClientSampleId :  
C01T9

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

29.892min (+0.133) 1.52ng/ul m)

response 58619

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 20.60 | 43.12# |
| 277.00 | 23.80 | 32.40# |
| 0.00   | 0.00  | 0.00   |

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 ALS Vial : 15 Sample Multiplier: 1

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 QLast Update : Mon Aug 10 07:50:23 2015  
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Instrument :  
 BNA\_G  
 ClientSampleId :  
 C01T9

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 163667   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.88 | 136  | 734714   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.69 | 164  | 421766   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.44 | 188  | 832177   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.72 | 240  | 677491   | 20.00 | ng/ul | 0.03     |
| 86) Perylene-d12          | 25.01 | 264  | 665267   | 20.00 | ng/ul | 0.09     |

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| System Monitoring Compounds    |       |     |        |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.53  | 96  | 4637   | 1.25  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.22  | 99  | 73576  | 4.95  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.39  | 67  | 92087  | 10.00 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.61  | 132 | 47037  | 4.13  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.77  | 113 | 17371  | 1.39  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.23  | 128 | 56004  | 9.78  | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.95  | 143 | 58218  | 9.98  | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.50 | 165 | 35343  | 2.85  | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 11.00 | 131 | 33784  | 2.41  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.10 | 166 | 327093 | 9.22  | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.39 | 160 | 373272 | 8.35  | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.87 | 143 | 32262  | 5.05  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.68 | 176 | 248206 | 8.03  | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 31049  | 7.59  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.54 | 188 | 329309 | 8.27  | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.82 | 212 | 315273 | 8.97  | ng/ul | 0.02 |
| 90) Benzo(a)pyrene-d12         | 24.79 | 264 | 306336 | 8.67  | ng/ul | 0.09 |

|                                |       |     |         |        |        |    |
|--------------------------------|-------|-----|---------|--------|--------|----|
| Target Compounds               |       |     |         | Qvalue |        |    |
| 14) Acetophenone               | 8.89  | 105 | 44640   | 2.48   | ng/ul# | 59 |
| 28) Naphthalene                | 10.93 | 128 | 81299   | 2.09   | ng/ul  | 97 |
| 34) 2-Methylnaphthalene        | 12.53 | 142 | 243522  | 8.66   | ng/ul  | 97 |
| 35) 1-Methylnaphthalene        | 12.75 | 142 | 190013  | 6.92   | ng/ul  | 96 |
| 41) 1,1'-Biphenyl              | 13.53 | 154 | 48175   | 1.37   | ng/ul  | 98 |
| 45) Dimethylphthalate          | 14.14 | 163 | 160725  | 4.59   | ng/ul# | 96 |
| 50) Acenaphthene               | 14.76 | 153 | 37518   | 1.19   | ng/ul# | 87 |
| 54) Dibenzofuran               | 15.09 | 168 | 44004   | 1.07   | ng/ul# | 64 |
| 57) Diethylphthalate           | 15.50 | 149 | 105900  | 2.85   | ng/ul  | 98 |
| 59) Fluorene                   | 15.74 | 166 | 58109   | 1.64   | ng/ul# | 98 |
| 70) Phenanthrene               | 17.48 | 178 | 279858  | 6.20   | ng/ul  | 99 |
| 72) Anthracene                 | 17.48 | 178 | 280122  | 6.09   | ng/ul  | 97 |
| 76) Di-n-butylphthalate        | 18.40 | 149 | 134796  | 2.56   | ng/ul# | 95 |
| 77) Fluoranthene               | 19.49 | 202 | 242833  | 5.04   | ng/ul# | 93 |
| 80) Pyrene                     | 19.85 | 202 | 293937  | 6.42   | ng/ul  | 99 |
| 83) Benzo(a)anthracene         | 21.70 | 228 | 102690  | 2.44   | ng/ul# | 77 |
| 84) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 1586009 | 57.93  | ng/ul  | 95 |
| 85) Chrysene                   | 21.77 | 228 | 115608  | 2.94   | ng/ul# | 90 |
| 88) Benzo(b)fluoranthene       | 23.97 | 252 | 132813  | 3.18   | ng/ul# | 57 |
| 91) Benzo(a)pyrene             | 24.86 | 252 | 78688   | 1.98   | ng/ul# | 50 |
| 92) Indeno(1,2,3-cd)pyrene     | 28.72 | 276 | 60764m  | 1.32   | ng/ul  |    |
| 94) Benzo(g,h,i)perylene       | 29.89 | 276 | 58619m  | 1.52   | ng/ul  |    |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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