

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG080719\  
Quantitation Report (QT Reviewed)

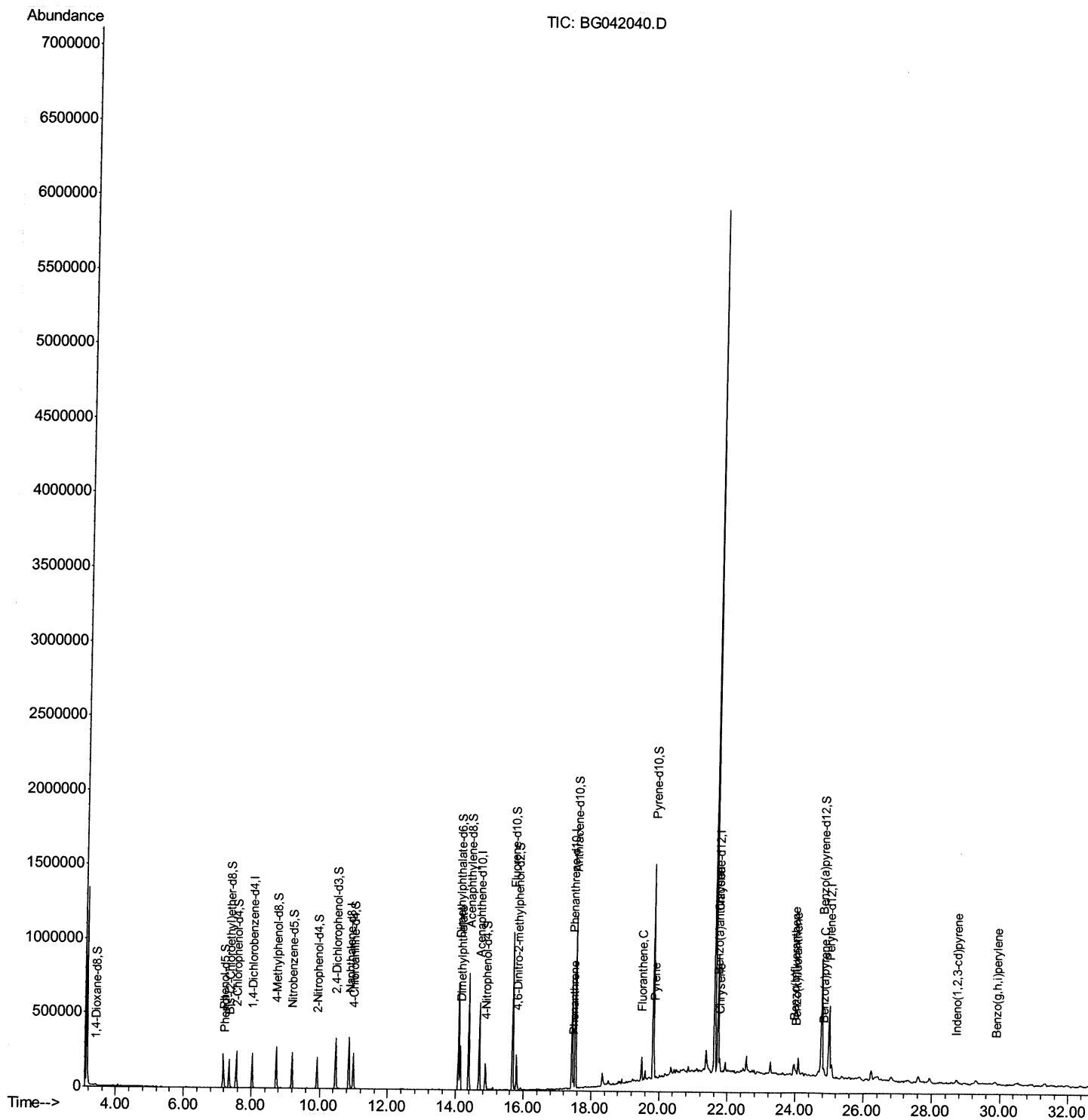
Data File : BG042040.D  
Acq On : 7 Aug 2019 20:47  
Operator : HP/JU  
Sample : K4029-19  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BENT8

Manual Integrations  
APPROVED

mohammad  
8/9/2019 4:30:19 PM

Quant Time: Aug 08 02:55:24 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 08 01:36:24 2019  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG080719\  
Quantitation Report (Qedit)

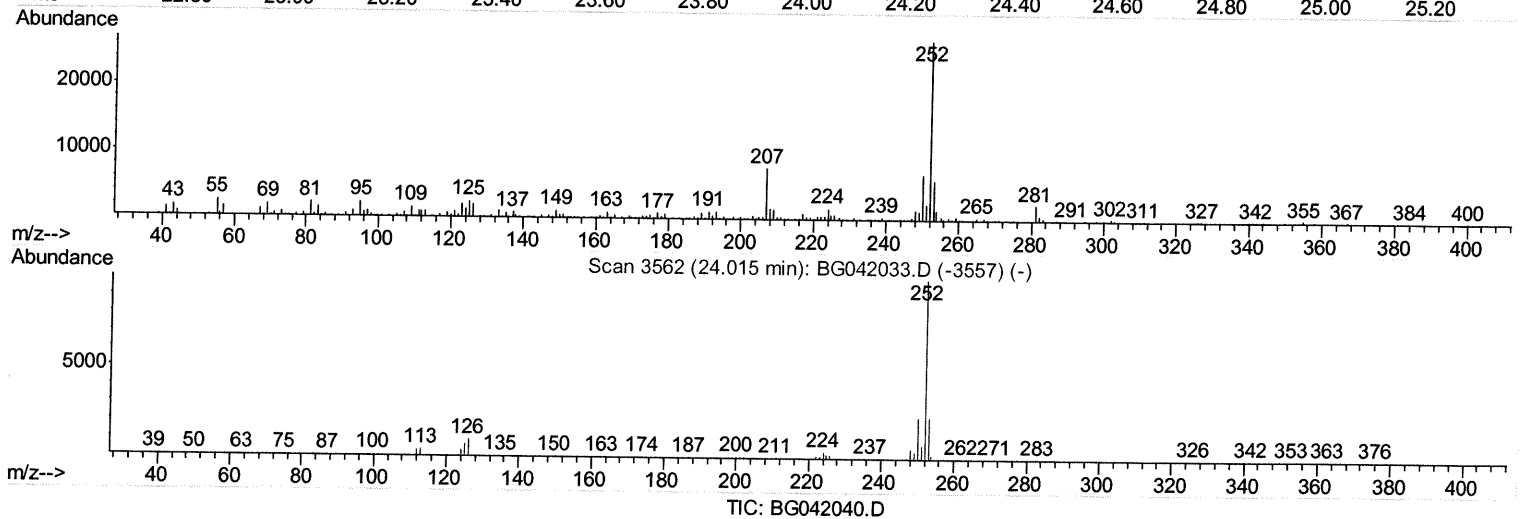
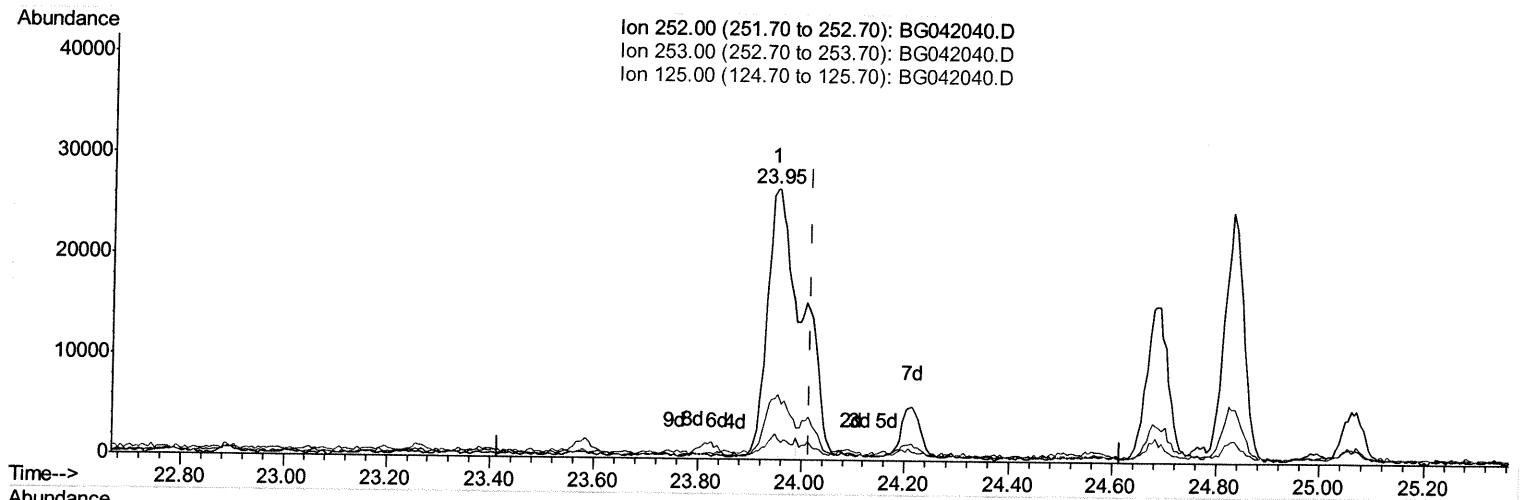
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(88) Benzo(k)fluoranthene

23.949min (-0.067) 2.53ng/ul

response 86989

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.90 | 22.58 |
| 125.00 | 6.90  | 9.60# |
| 0.00   | 0.00  | 0.00  |

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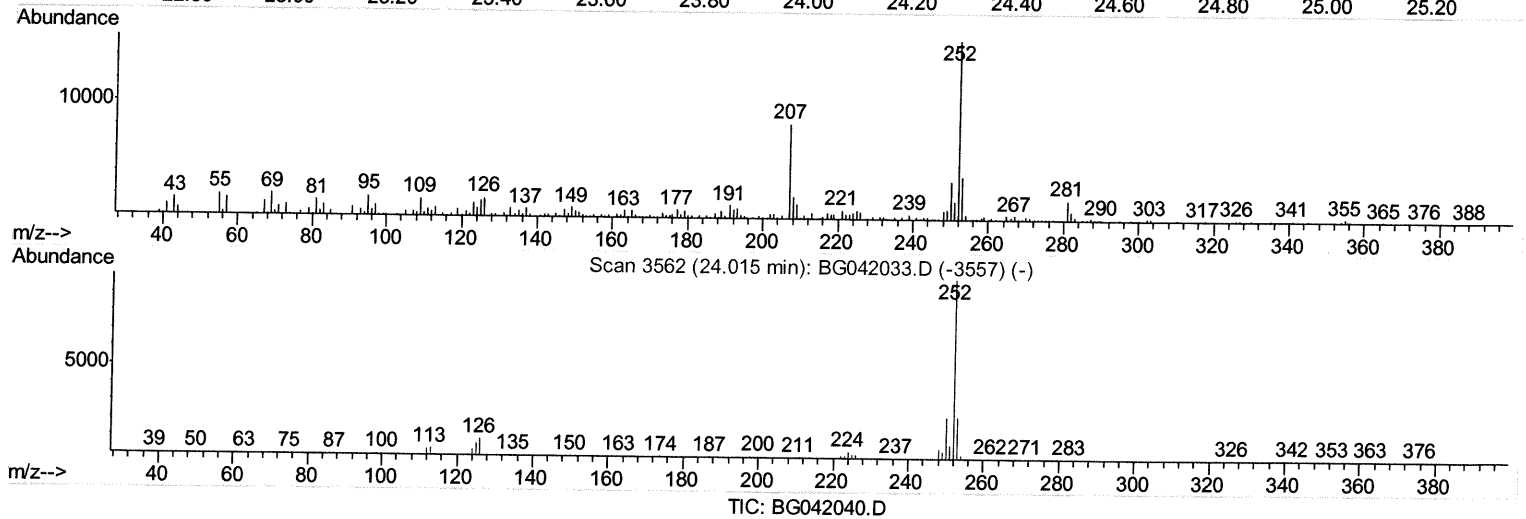
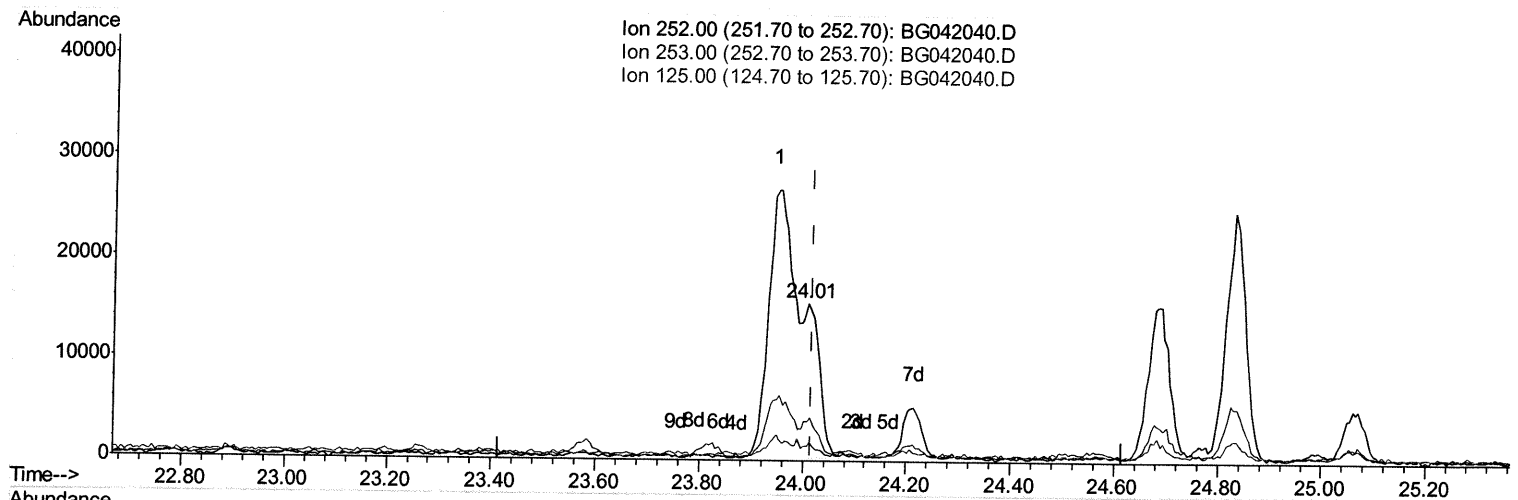
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(88) Benzo(k)fluoranthene

24.007min (-0.008) 1.09ng/ul m *JU* *08/08/19*

response 37408

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.90 | 24.82 |
| 125.00 | 6.90  | 9.50# |
| 0.00   | 0.00  | 0.00  |

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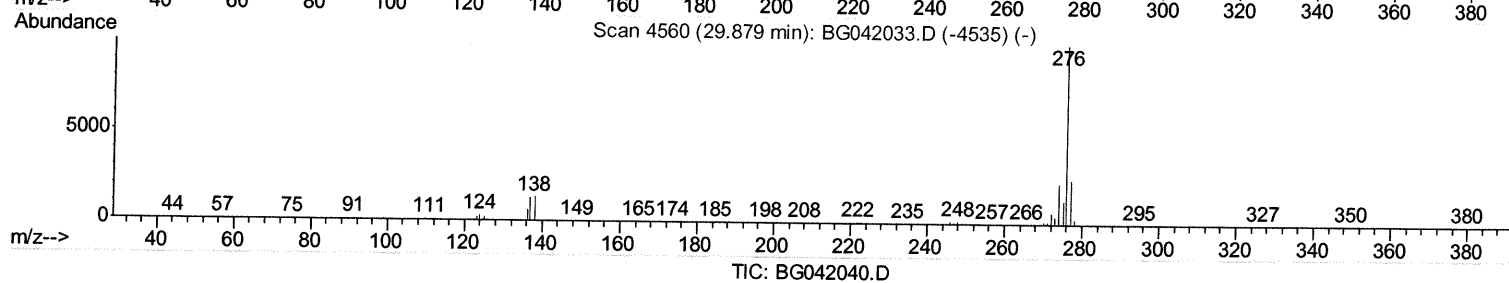
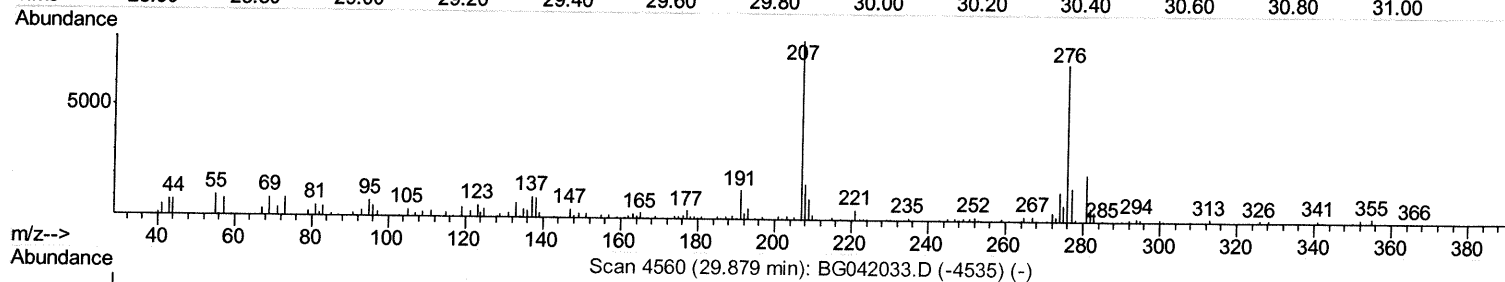
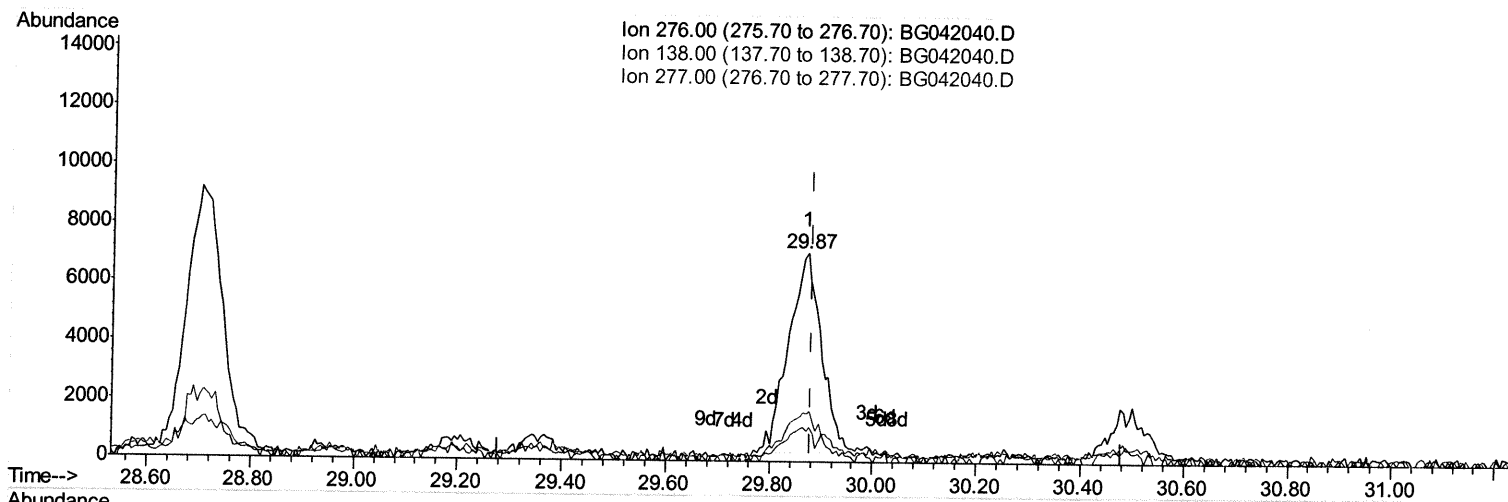
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(93) Benzo(g,h,i)perylene

29.871min (-0.008) 0.89ng/ui

response 29513

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 15.70 | 14.66 |
| 277.00 | 24.00 | 23.08 |
| 0.00   | 0.00  | 0.00  |

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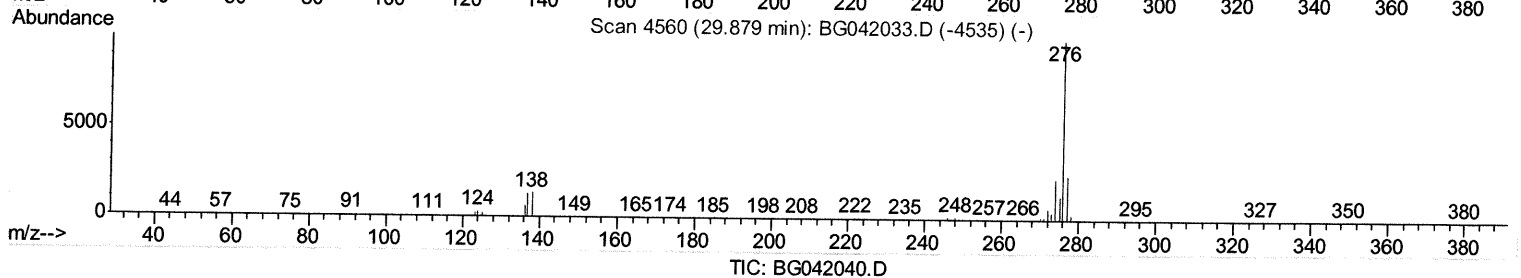
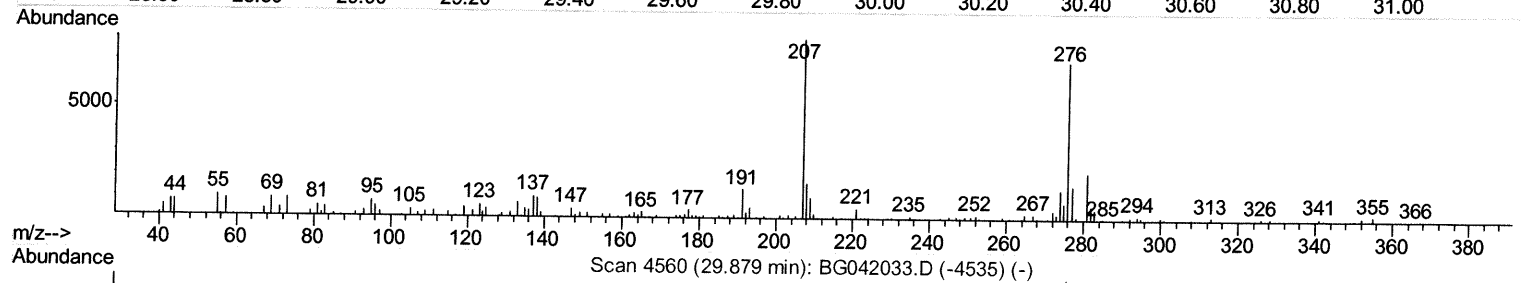
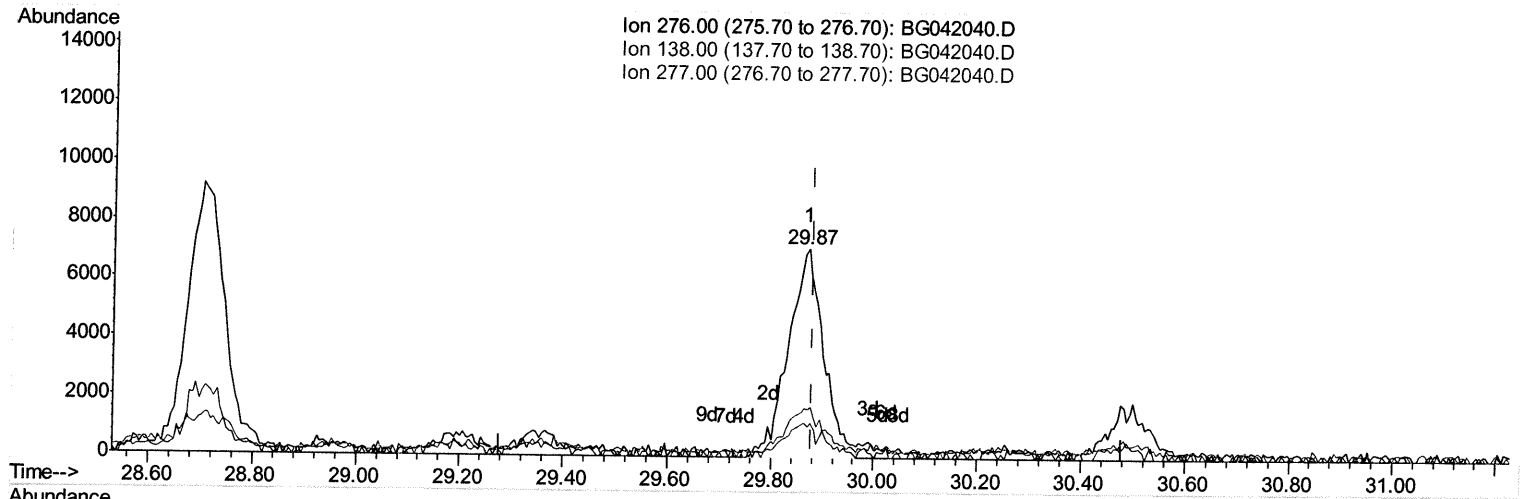
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Manual Integrations  
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(93) Benzo(g,h,i)perylene

29.871min (-0.008) 1.01ng/ul m *JU 08/08/19*

response 33491

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 15.70 | 14.66 |
| 277.00 | 24.00 | 23.08 |
| 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 | 8.03  | 152  | 76813    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.85 | 136  | 327971   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.69 | 164  | 233783   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.44 | 188  | 491523   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.72 | 240  | 483746   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.99 | 264  | 570949   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.41  | 96  | 6964   | 3.97  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.17  | 99  | 151481 | 25.13 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.34  | 67  | 86747  | 25.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.55  | 132 | 141087 | 27.38 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.73  | 113 | 123470 | 24.40 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.19  | 128 | 73508  | 29.77 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.92  | 143 | 92490  | 32.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.46 | 165 | 164338 | 28.40 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.98 | 131 | 165579 | 25.79 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.08 | 166 | 571843 | 31.54 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.38 | 160 | 606812 | 29.30 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.87 | 143 | 65279  | 21.44 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.68 | 176 | 488436 | 30.28 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 80691  | 25.59 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.54 | 188 | 744703 | 31.58 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.82 | 212 | 819890 | 30.37 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 24.77 | 264 | 932554 | 31.27 | ng/ul | 0.00 |

Target Compounds

|                            |       |     |        |        | Qvalue              |
|----------------------------|-------|-----|--------|--------|---------------------|
| 6) Phenol                  | 7.20  | 94  | 15297  | 2.458  | ng/ul# 93           |
| 44) Dimethylphthalate      | 14.13 | 163 | 218031 | 12.111 | ng/ul 99            |
| 69) Phenanthrene           | 17.48 | 178 | 38865  | 1.444  | ng/ul 98            |
| 76) Fluoranthene           | 19.49 | 202 | 109069 | 3.508  | ng/ul 96            |
| 79) Pyrene                 | 19.85 | 202 | 103508 | 3.181  | ng/ul 97            |
| 82) Benzo(a)anthracene     | 21.70 | 228 | 68360  | 2.038  | ng/ul 97            |
| 84) Chrysene               | 21.77 | 228 | 70473  | 2.251  | ng/ul 97            |
| 87) Benzo(b)fluoranthene   | 23.95 | 252 | 86989  | 2.428  | ng/ul# 98           |
| 88) Benzo(k)fluoranthene   | 24.01 | 252 | 37408m | 1.086  | ng/ul → JU 08/08/19 |
| 90) Benzo(a)pyrene         | 24.83 | 252 | 63367  | 1.856  | ng/ul 97            |
| 91) Indeno(1,2,3-cd)pyrene | 28.70 | 276 | 40502  | 1.017  | ng/ul 97            |
| 93) Benzo(g,h,i)perylene   | 29.87 | 276 | 33491m | 1.007  | ng/ul → JU 08/08/19 |

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