

# Quantitation Report (Qedit)

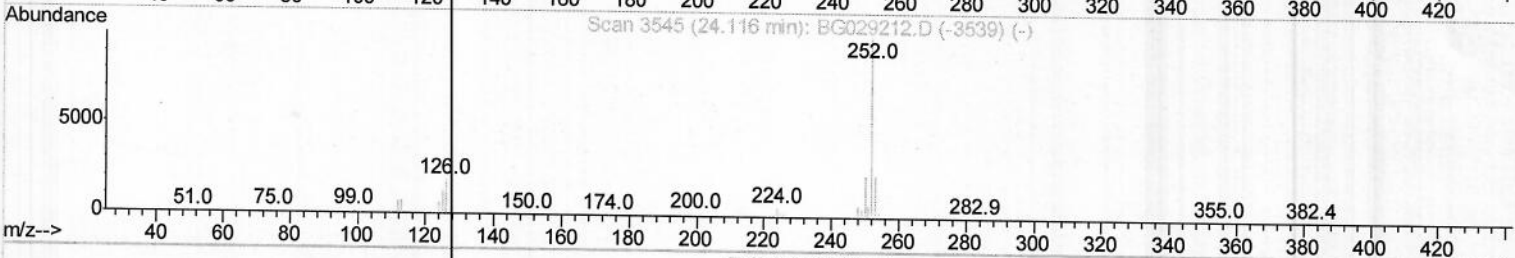
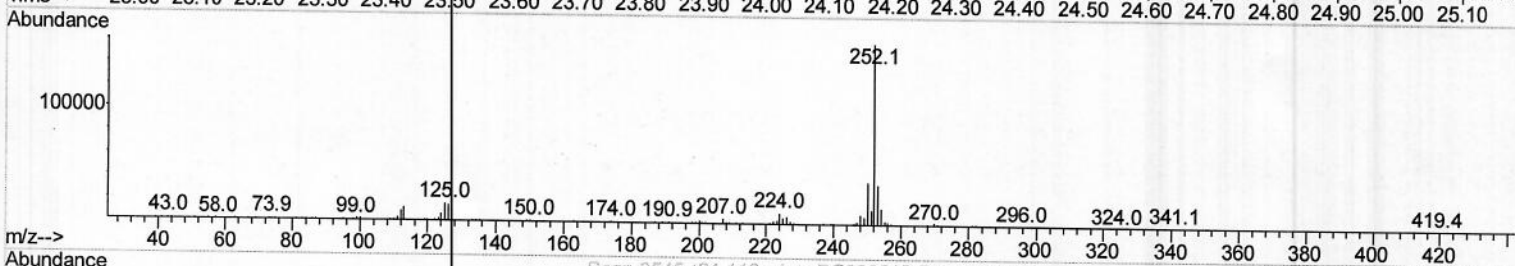
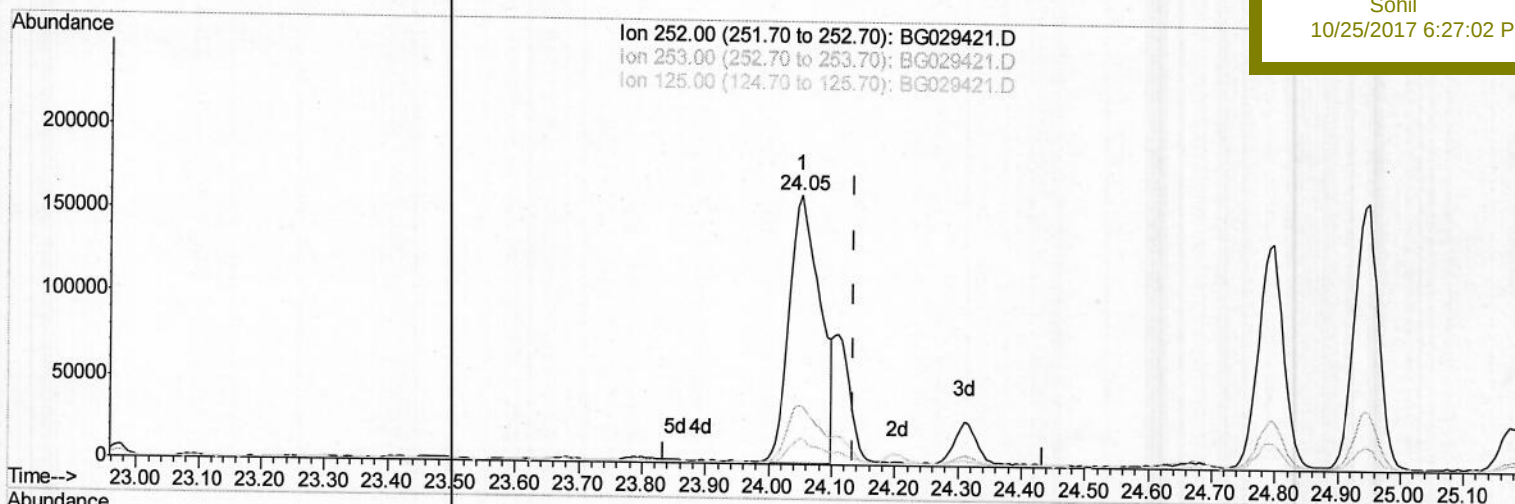
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\  
 Data File : BG029421.D  
 Acq On : 24 Oct 2017 12:42  
 Operator : SJ/JU  
 Sample : I5925-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 14:23:47 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 17 07:42:23 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampled :  
 CB3L0

Manual Integrations  
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TIC: BG029421.D

(86) Benzo(k)fluoranthene

24.051min (-0.084) 16.83ng/ul

response 550578

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.50 | 21.91 |
| 125.00 | 9.80  | 10.00 |
| 0.00   | 0.00  | 0.00  |

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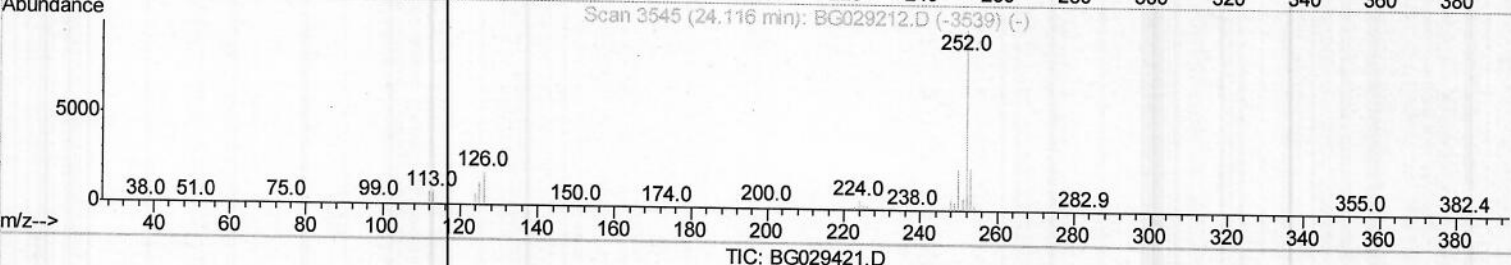
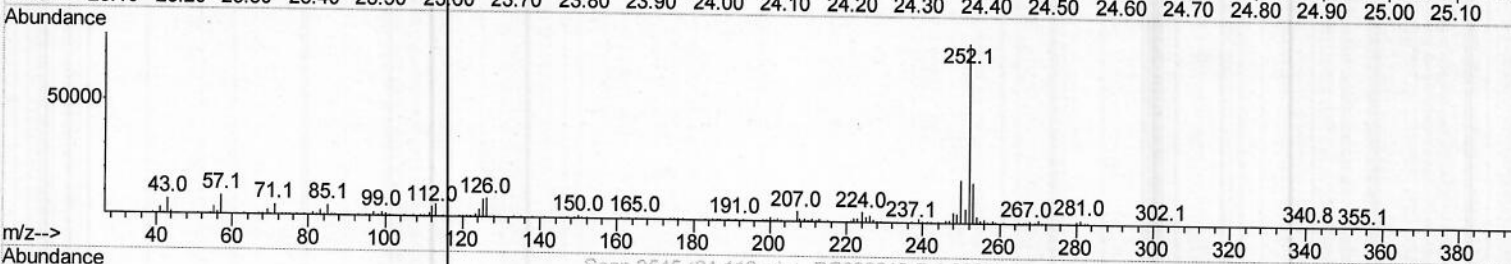
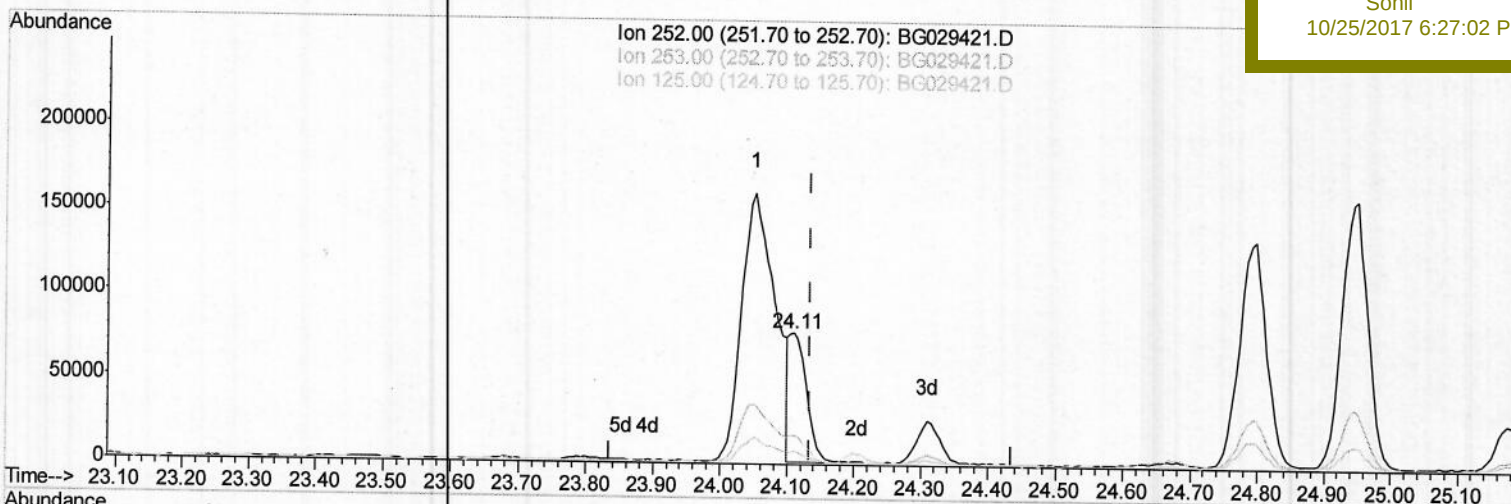
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\  
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 Sample : I5925-03  
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(86) Benzo(k)fluoranthene

24.110min (-0.025) 4.35ng/ul m

response 142236

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.50 | 22.31 |
| 125.00 | 9.80  | 10.10 |
| 0.00   | 0.00  | 0.00  |

SJ  
 11/01/17

TIC: BG029421.D

# Quantitation Report (Qedit)

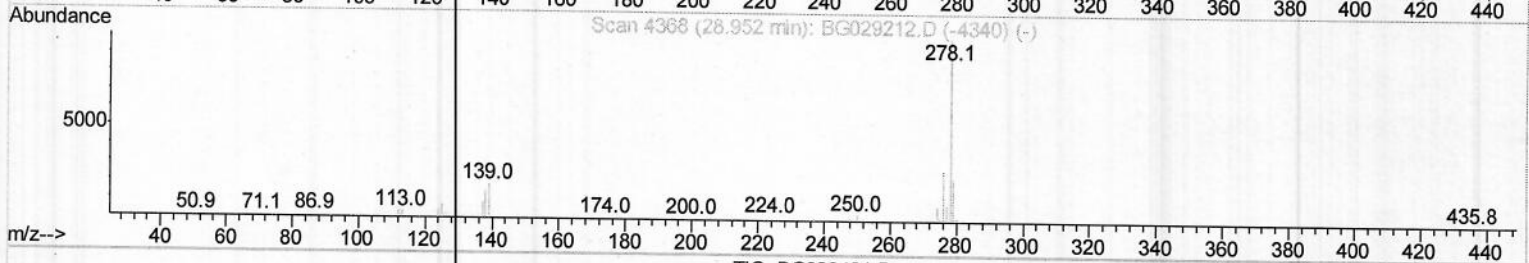
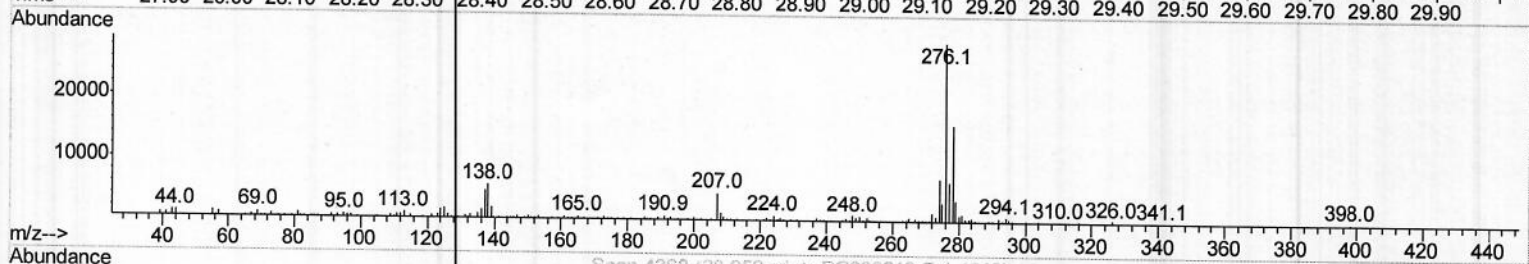
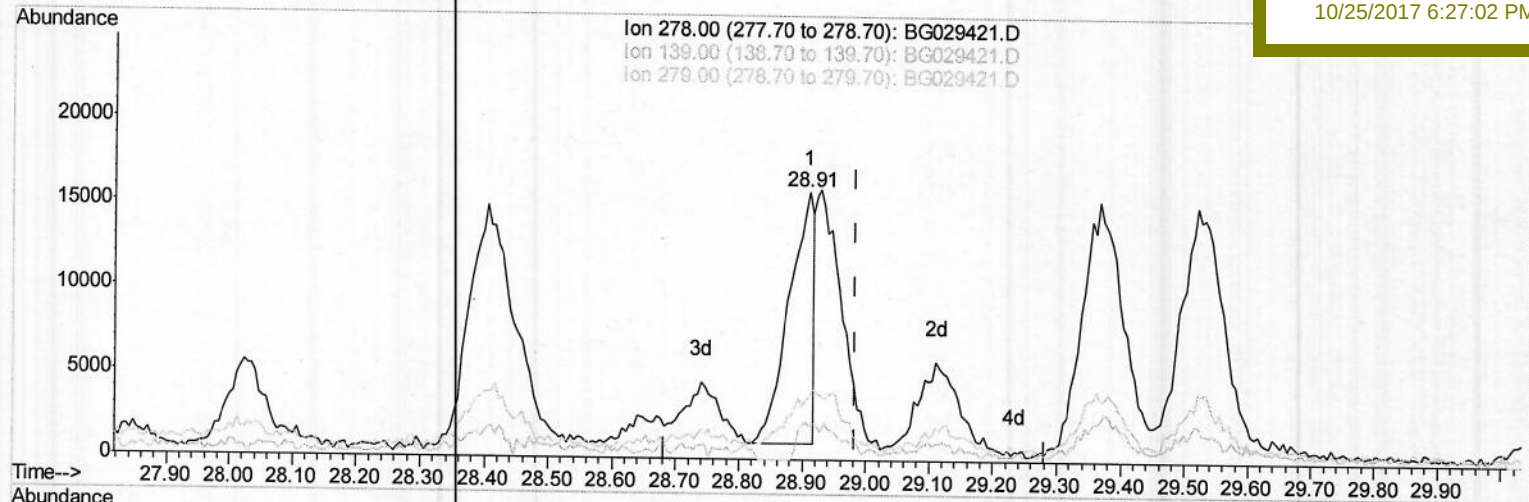
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\  
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 Acq On : 24 Oct 2017 12:42  
 Operator : SJ/JU  
 Sample : I5925-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

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Manual Integrations  
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(90) Dibenzo(a,h)anthracene

28.910min (-0.072) 1.33ng/ul

response 41044

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 11.80 | 12.28 |
| 279.00 | 23.00 | 22.77 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

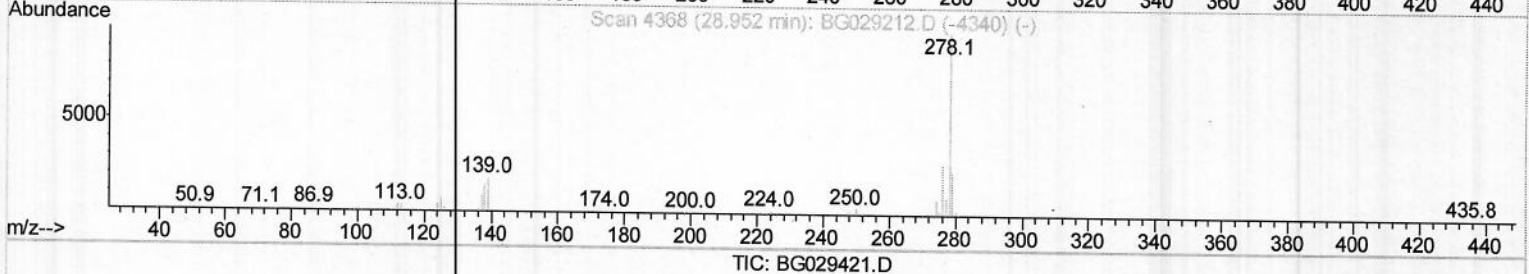
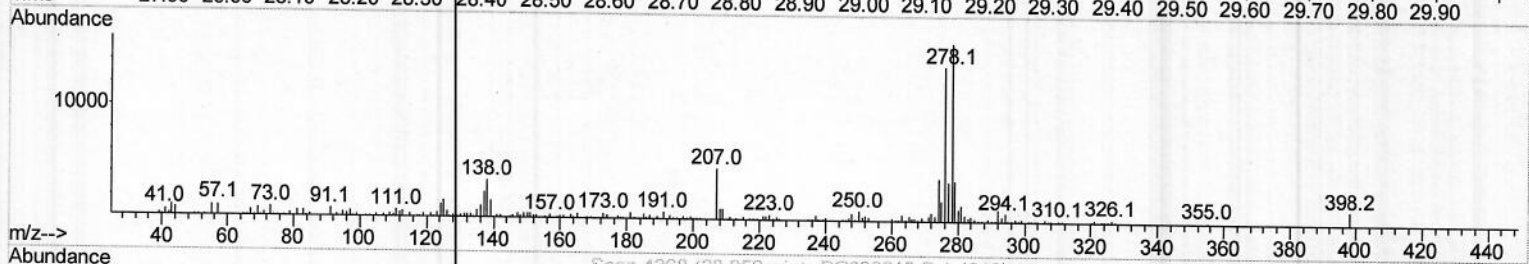
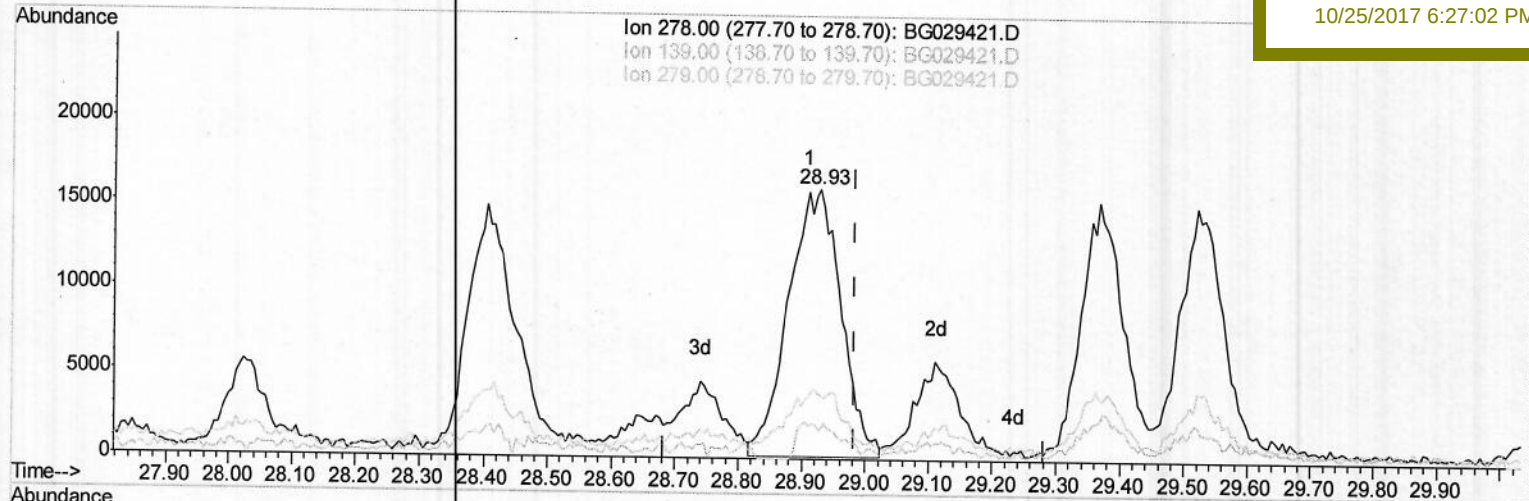
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 BNA\_G  
 ClientSampleId :  
 CB3L0

Manual Integrations  
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(90) Dibenzo(a,h)anthracene

28.928min (-0.054) 2.97ng/ul m

response 92079

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 11.80 | 10.25 |
| 279.00 | 23.00 | 23.61 |
| 0.00   | 0.00  | 0.00  |

355  
 11/01/17

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 Sample : I5925-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 Client Sampled :  
 CB3L0

Quant Time: Oct 24 14:59:03 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 17 07:42:23 2017  
 Response via : Initial Calibration

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 66878    | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.98 | 136  | 322030   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.78 | 164  | 219615   | 20.00 | ng/ul | -0.01    |
| 61) Phenanthrene-d10      | 17.52 | 188  | 516785   | 20.00 | ng/ul | -0.01    |
| 75) Chrysene-d12          | 21.80 | 240  | 549570   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.10 | 264  | 563738   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.55  | 96  | 8825   | 5.36  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.31  | 99  | 173971 | 27.10 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.48  | 67  | 98196  | 24.45 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.69  | 132 | 133998 | 29.59 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 150587 | 29.05 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 9.33  | 128 | 66350  | 28.70 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 10.06 | 143 | 80208  | 33.86 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.60 | 165 | 157791 | 29.23 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 11.11 | 131 | 170657 | 27.21 | ng/ul | -0.01 |
| 43) Dimethylphthalate-d6       | 14.18 | 166 | 510222 | 27.17 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.48 | 160 | 637182 | 27.91 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.97 | 143 | 65367  | 18.86 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.77 | 176 | 463782 | 30.16 | ng/ul | -0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 60296  | 23.90 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.62 | 188 | 674576 | 27.60 | ng/ul | -0.01 |
| 76) Pyrene-d10                 | 19.89 | 212 | 781983 | 27.49 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 24.88 | 264 | 764655 | 28.64 | ng/ul | -0.01 |

## Target Compounds

|                                | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 4) Benzaldehyde                | 7.29  | 77   | 4468     | 1.127  | ng/ul# | 78     |
| 6) Phenol                      | 7.34  | 94   | 10211    | 1.537  | ng/ul  | 95     |
| 28) Naphthalene                | 11.03 | 128  | 20110    | 1.180  | ng/ul  | 98     |
| 34) 2-Methylnaphthalene        | 12.62 | 142  | 19294    | 1.368  | ng/ul  | 96     |
| 44) Dimethylphthalate          | 14.22 | 163  | 42378    | 2.314  | ng/ul# | 98     |
| 49) Acenaphthene               | 14.84 | 153  | 46431    | 2.914  | ng/ul  | 93     |
| 58) Fluorene                   | 15.83 | 166  | 43804    | 2.520  | ng/ul  | 95     |
| 69) Phenanthrene               | 17.56 | 178  | 1069321  | 38.276 | ng/ul  | 97     |
| 71) Anthracene                 | 17.65 | 178  | 111300   | 3.861  | ng/ul  | 98     |
| 74) Fluoranthene               | 19.56 | 202  | 901224   | 28.865 | ng/ul  | 100    |
| 77) Pyrene                     | 19.93 | 202  | 1441679  | 39.141 | ng/ul  | 98     |
| 80) Benzo(a)anthracene         | 21.77 | 228  | 663687   | 19.270 | ng/ul  | 97     |
| 81) Bis(2-ethylhexyl)phthalate | 21.67 | 149  | 76230    | 3.522  | ng/ul# | 98     |
| 82) Chrysene                   | 21.84 | 228  | 734900   | 23.484 | ng/ul  | 98     |
| 85) Benzo(b)fluoranthene       | 24.05 | 252  | 550578   | 16.269 | ng/ul  | 98     |
| 86) Benzo(k)fluoranthene       | 24.11 | 252  | 142236m  | 4.347  | ng/ul  | 98     |
| 88) Benzo(a)pyrene             | 24.95 | 252  | 436518   | 13.251 | ng/ul  | 98     |
| 89) Indeno(1,2,3-cd)pyrene     | 28.88 | 276  | 243040   | 6.521  | ng/ul  | 97     |
| 90) Dibenzo(a,h)anthracene     | 28.93 | 278  | 92079m   | 2.974  | ng/ul  |        |
| 91) Benzo(a,h,i)perylene       | 30.06 | 276  | 277606   | 8.986  | ng/ul  | 94     |

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

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CB3L0

Manual Integrations  
APPROVED

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