

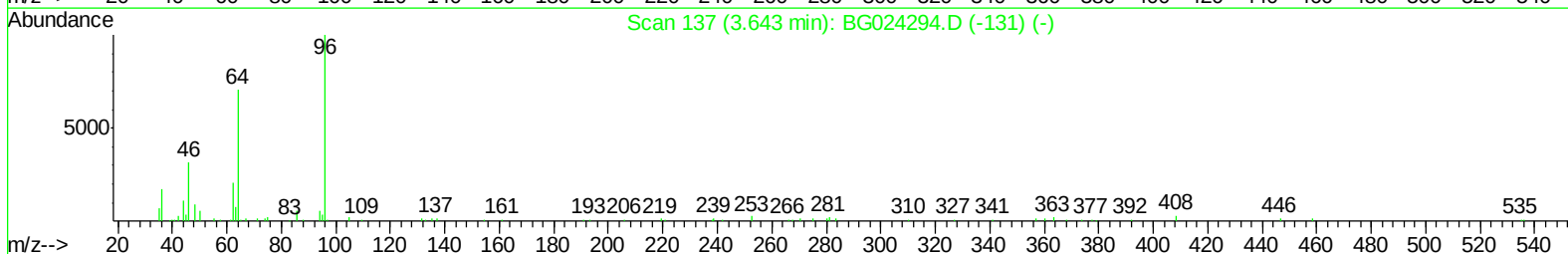
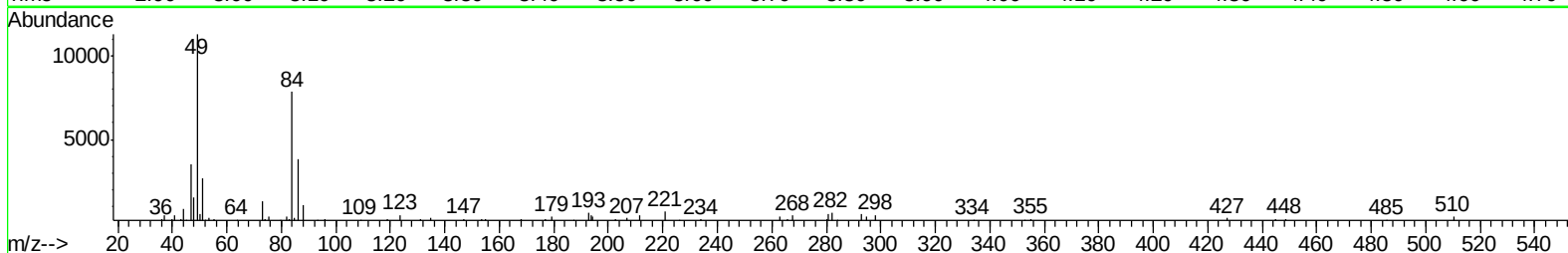
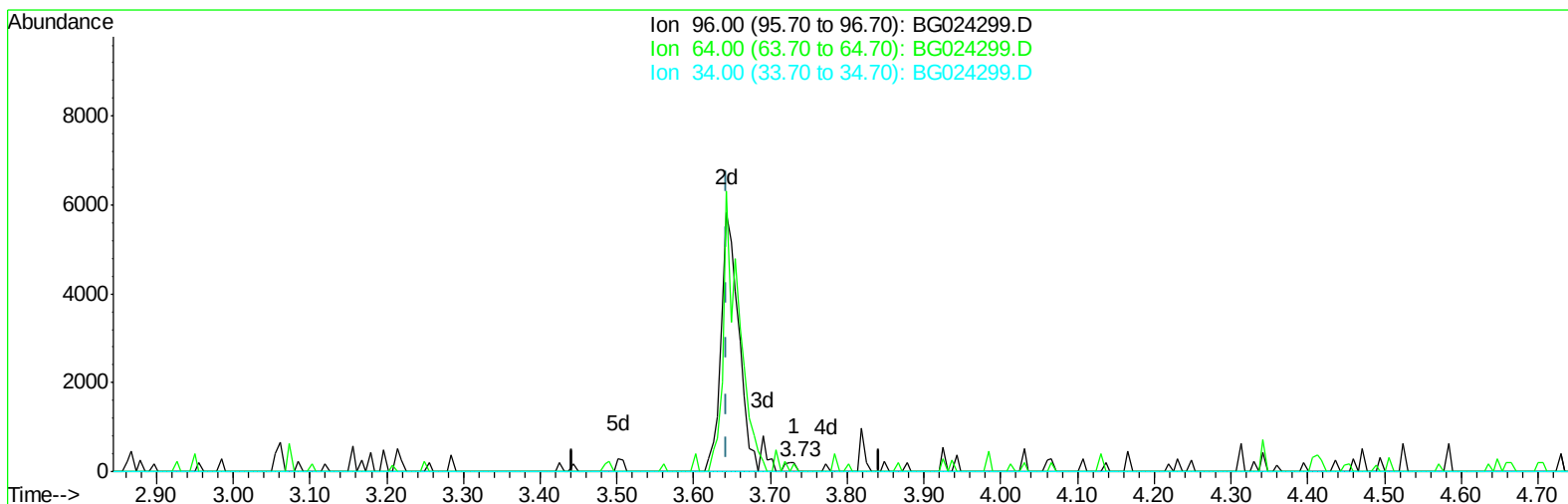
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG101216\  
Data File : BG024299.D  
Acq On : 12 Oct 2016 13:41  
Operator : UM/SJ  
Sample : H5145-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BDN92

Quant Time: Oct 12 14:38:11 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG0100716.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 12 12:34:51 2016  
Response via : Initial Calibration

Manual Integrations  
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TIC: BG024299.D

(3) 1,4-Dioxane-d8 (S)

3.731min (+0.088) 0.07ng/uL

response 205

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 88.90 | 77.00 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

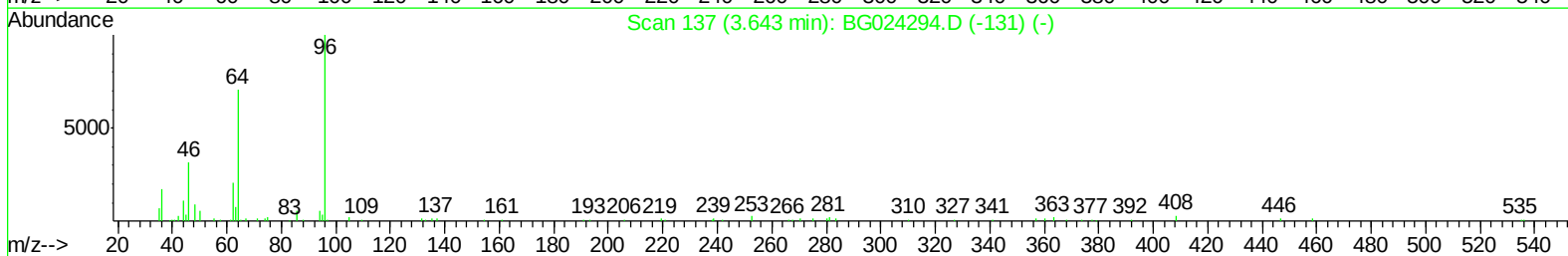
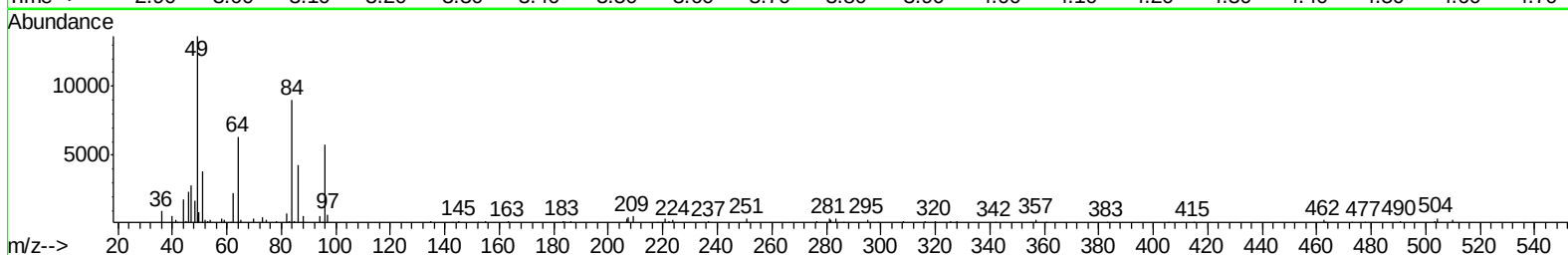
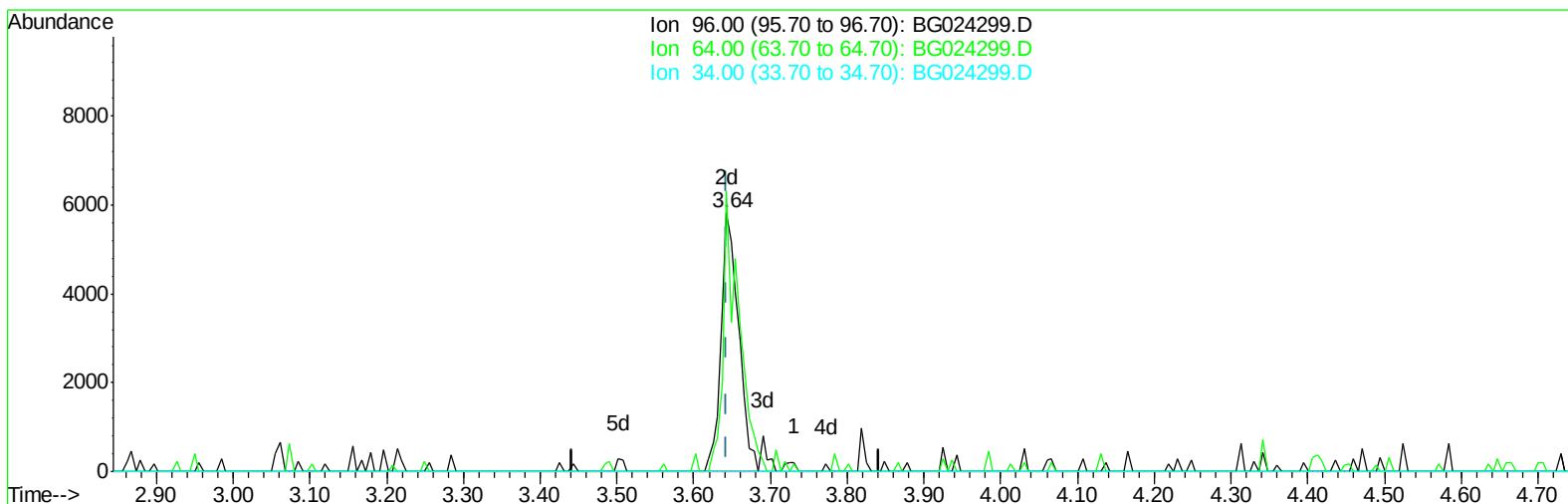
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG101216\  
Data File : BG024299.D  
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Operator : UM/SJ  
Sample : H5145-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Manual Integrations  
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TIC: BG024299.D

(3) 1,4-Dioxane-d8 (S)

3.643min (-0.000) 3.37ng/uL m

response 9343

| Ion   | Exp%  | Act%    |
|-------|-------|---------|
| 96.00 | 100   | 100     |
| 64.00 | 88.90 | 108.60# |
| 34.00 | 0.00  | 0.00    |
| 0.00  | 0.00  | 0.00    |

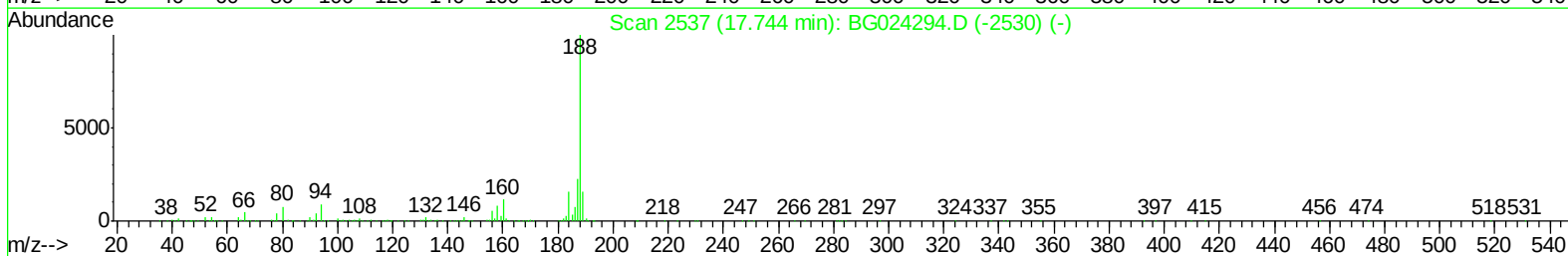
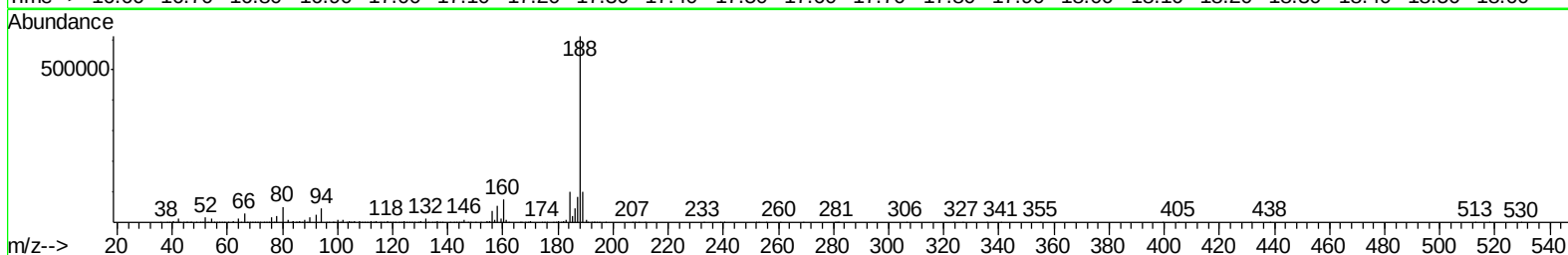
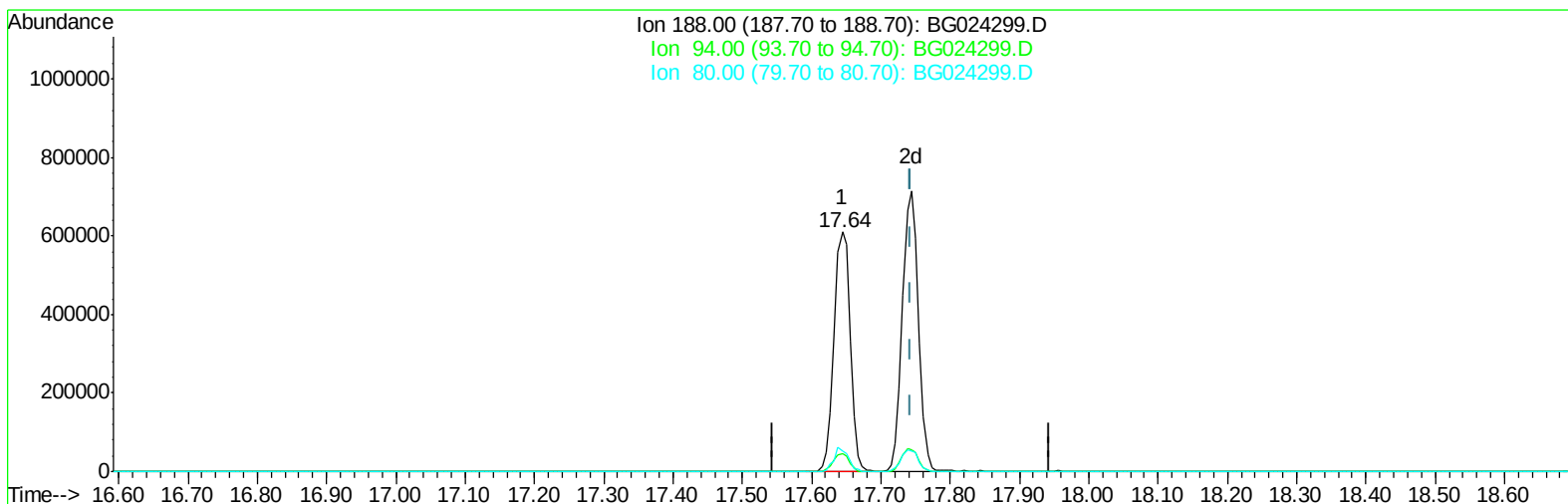
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG101216\  
Data File : BG024299.D  
Acq On : 12 Oct 2016 13:41  
Operator : UM/SJ  
Sample : H5145-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Time: Oct 12 14:38:11 2016  
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TIC: BG024299.D

(70) Anthracene-d10 (S)

17.644min (-0.100) 22.14ng/ul

response 998008

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 8.80 | 7.26 |
| 80.00  | 9.50 | 8.55 |
| 0.00   | 0.00 | 0.00 |

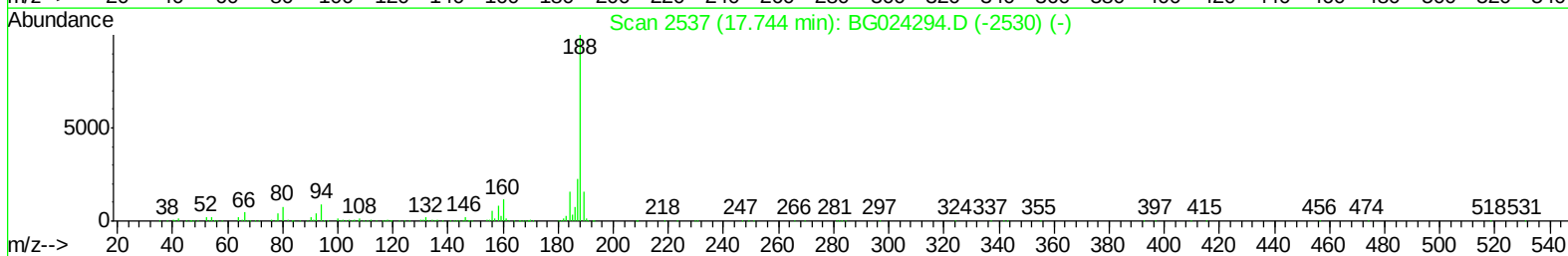
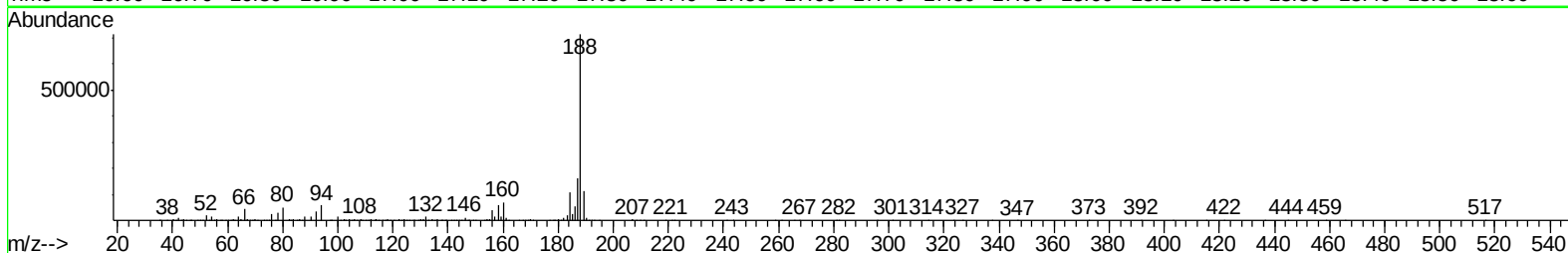
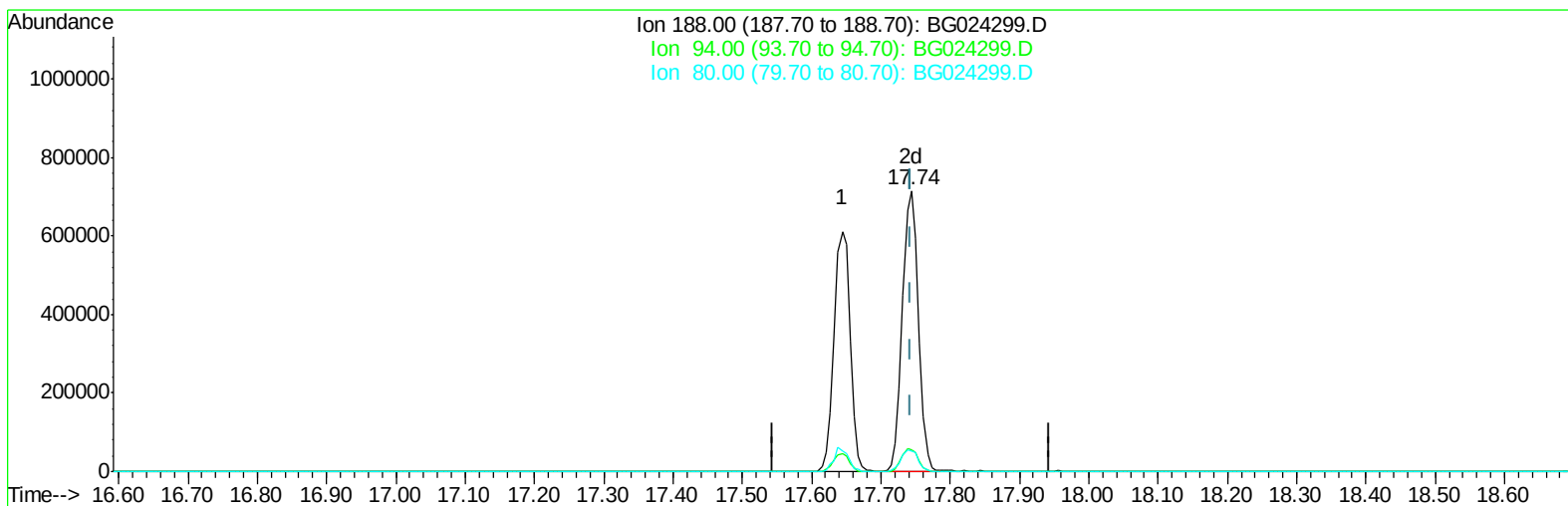
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Data File : BG024299.D  
Acq On : 12 Oct 2016 13:41  
Operator : UM/SJ  
Sample : H5145-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Manual Integrations  
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Response via : Initial Calibration



TIC: BG024299.D

(70) Anthracene-d10 (S)

17.744min (-0.000) 25.45ng/ul m

response 1147445

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 8.80 | 7.94  |
| 80.00  | 9.50 | 7.13# |
| 0.00   | 0.00 | 0.00  |

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 Acq On : 12 Oct 2016 13:41  
 Operator : UM/SJ  
 Sample : H5145-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDN92

Manual Integrations  
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Quant Time: Oct 12 14:40:40 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG0100716.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 12 12:34:51 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.29  | 152  | 131767   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.12 | 136  | 585667   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.91 | 164  | 489191   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.64 | 188  | 998008   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.94 | 240  | 1101508  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.39 | 264  | 1148250  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |          |       |       |      |
|--------------------------------|-------|-----|----------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.64  | 96  | 9343m    | 3.37  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.41  | 99  | 252266   | 20.52 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.60  | 67  | 177376   | 21.34 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.81  | 132 | 179409   | 21.19 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.98  | 113 | 217132   | 21.85 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.47  | 128 | 97657    | 23.50 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.19 | 143 | 109232   | 23.49 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.72 | 165 | 213812   | 21.11 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.25 | 131 | 283325   | 26.63 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.30 | 166 | 809150   | 23.69 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.60 | 160 | 934560   | 23.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 125866   | 20.78 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.89 | 176 | 766248   | 23.73 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 130755   | 21.80 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.74 | 188 | 1147445m | 25.45 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.01 | 212 | 1306922  | 25.42 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.15 | 264 | 1327963  | 25.71 | ng/ul | 0.00 |

| Target Compounds      |       |     |        |       |        | Qvalue |
|-----------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol             | 7.44  | 94  | 16873  | 1.35  | ng/ul# | 83     |
| 44) Dimethylphthalate | 14.34 | 163 | 358759 | 10.71 | ng/ul  | 97     |

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

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