

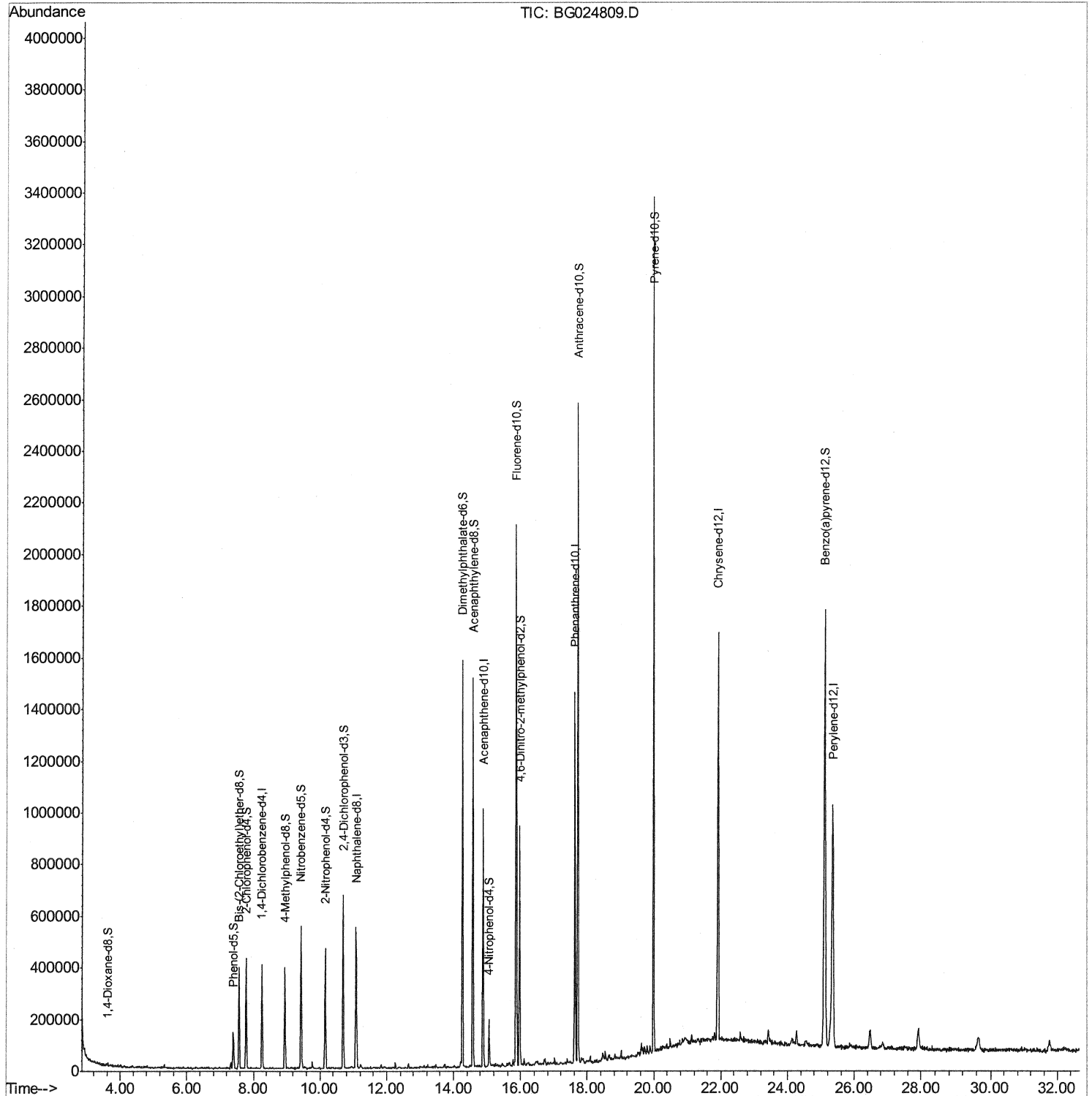
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
Data File : BG024809.D  
Acq On : 16 Nov 2016 18:20  
Operator : UM/SJ  
Sample : H5634-14  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
BDQN2

Manual Integrations  
APPROVED

sohil  
11/17/2016 5:40:36 PM

Quant Time: Nov 17 02:59:28 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Nov 17 02:48:02 2016  
Response via : Initial Calibration



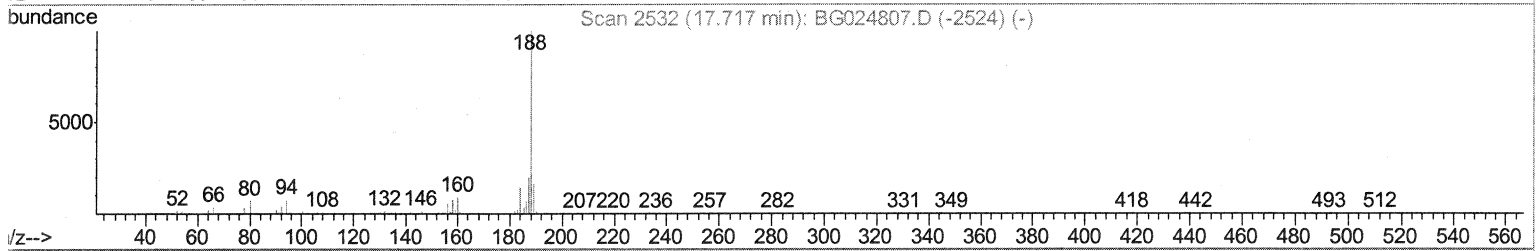
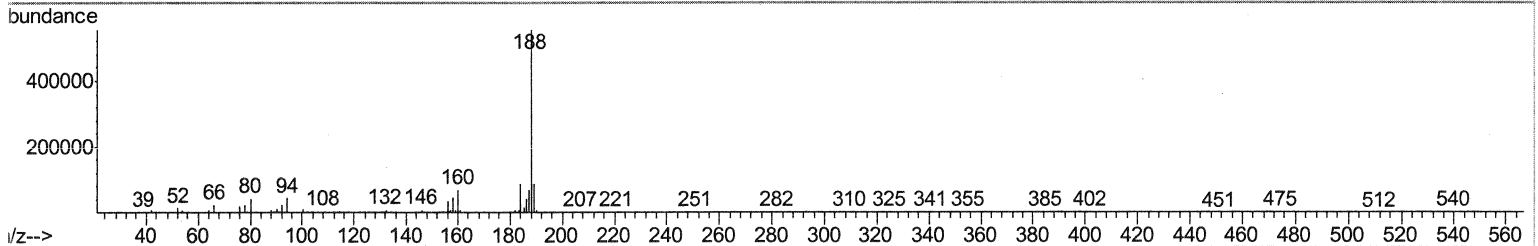
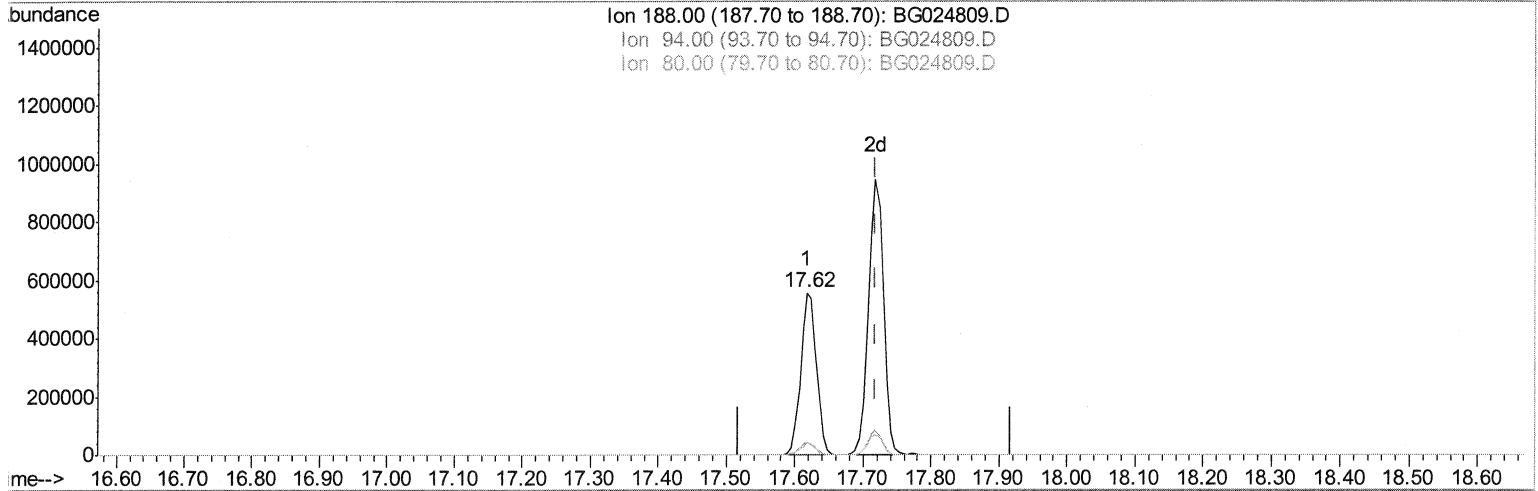
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Response via : Initial Calibration



TIC: BG024809.D

(70) Anthracene-d10 (S)

17.617min (-0.100) 22.64ng/ul

response 891049

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 8.80 | 8.15 |
| 80.00  | 9.50 | 7.68 |
| 0.00   | 0.00 | 0.00 |

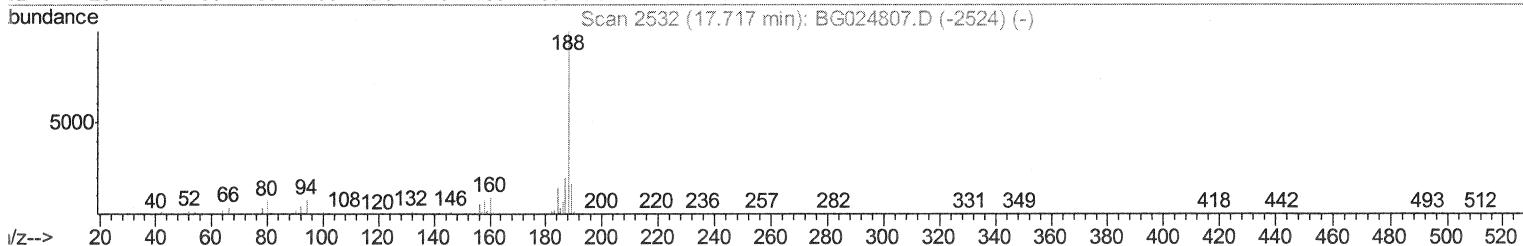
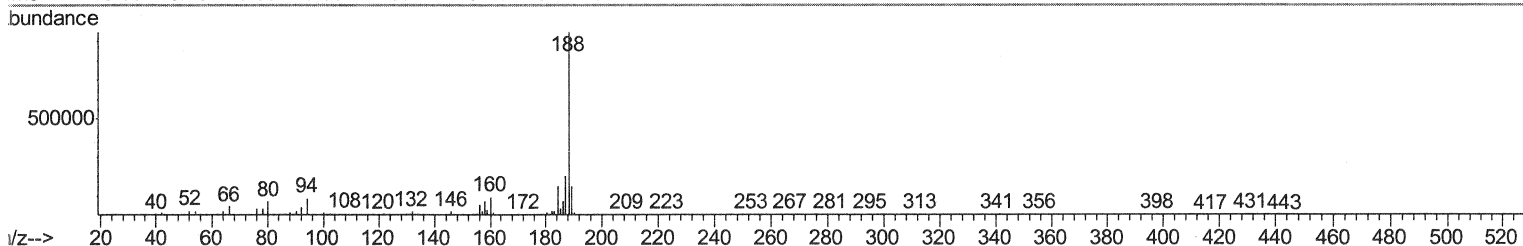
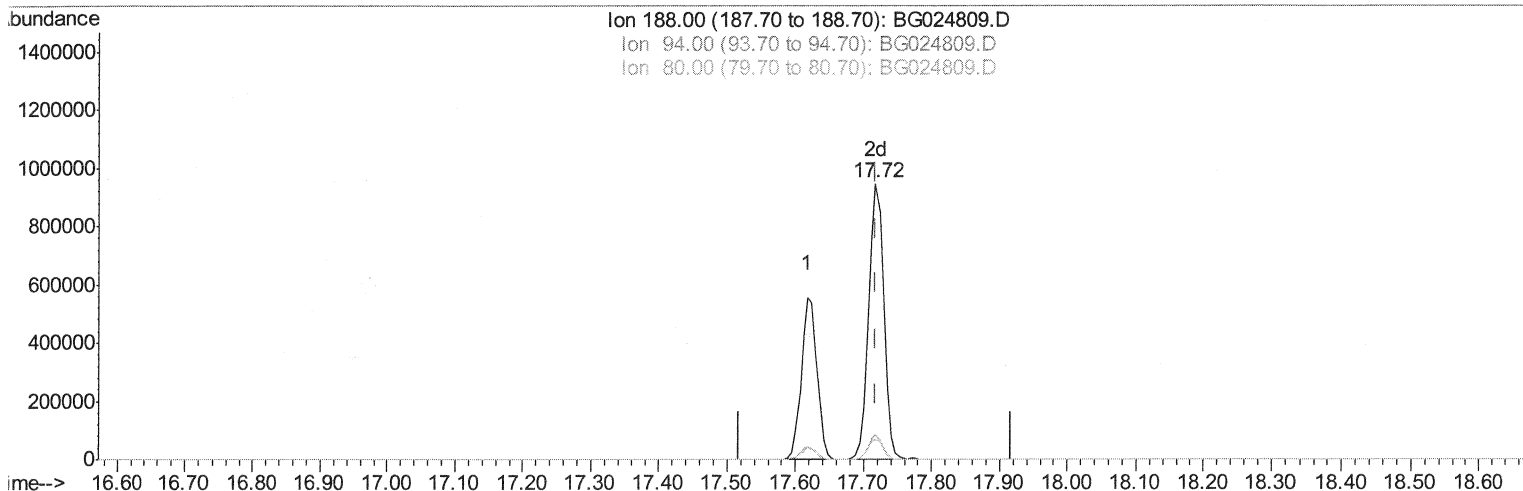
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 Sample : H5634-14  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDQN2

Manual Integrations  
 APPROVED

sohil  
 11/17/2016 5:40:36 PM

Quant Time: Nov 17 02:50:39 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 17 02:48:02 2016  
 Response via : Initial Calibration



TIC: BG024809.D

(70) Anthracene-d10 (S)

17.717min (+0.000) 37.18ng/ul m

SJ 11/18/16

response 1463309

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 8.80 | 9.08  |
| 80.00  | 9.50 | 7.46# |
| 0.00   | 0.00 | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111616\  
 Data File : BG024809.D  
 Acq On : 16 Nov 2016 18:20  
 Operator : UM/SJ  
 Sample : H5634-14  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDQN2

Manual Integrations  
 APPROVED

sohil  
 11/17/2016 5:40:36 PM

Quant Time: Nov 17 02:59:28 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 17 02:48:02 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.26  | 152  | 100827   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.08 | 136  | 439015   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.88 | 164  | 371008   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.62 | 188  | 891049   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.91 | 240  | 1157913  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.34 | 264  | 1218556  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |          |       |       |      |
|--------------------------------|-------|-----|----------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.62  | 96  | 3930     | 2.02  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.39  | 99  | 73886    | 8.55  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.57  | 67  | 198387   | 36.51 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.78  | 132 | 181437   | 29.29 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.95  | 113 | 147236   | 20.30 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.43  | 128 | 116001   | 34.90 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.16 | 143 | 136852   | 34.49 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.69 | 165 | 250913   | 31.77 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.22 | 131 | 7232     | 0.82  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.27 | 166 | 1015523  | 37.54 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.57 | 160 | 1070178  | 36.30 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 43520    | 9.04  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.87 | 176 | 923664   | 36.28 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 218014   | 35.59 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.72 | 188 | 1463309m | 37.18 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.99 | 212 | 1835135  | 36.55 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.11 | 264 | 1990391  | 37.31 | ng/ul | 0.00 |

SJ 11/18/16

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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