

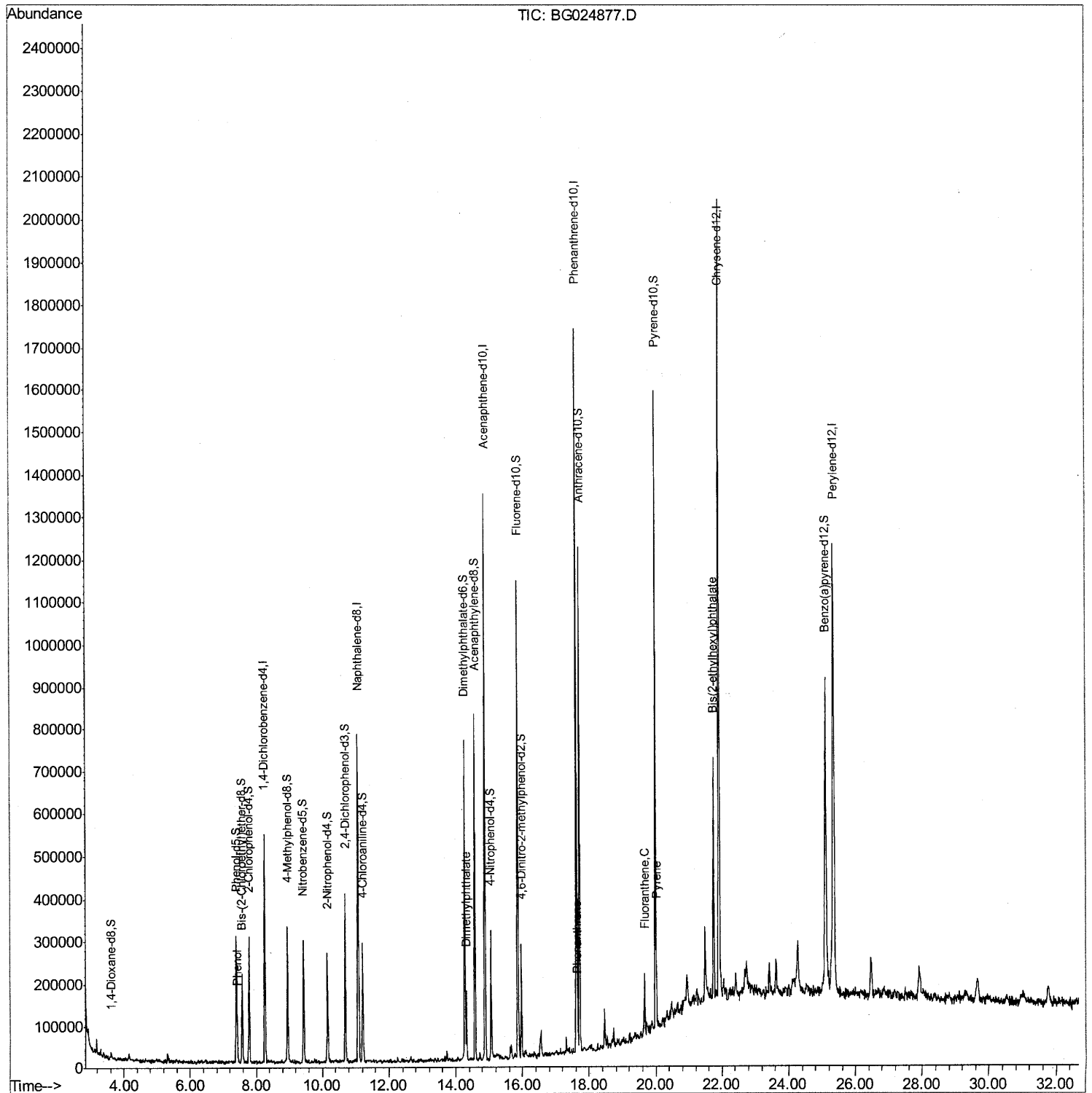
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG112116\  
Data File : BG024877.D  
Acq On : 22 Nov 2016 2:57  
Operator : UM/SJ  
Sample : H5694-19  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
JHSS6

Manual Integrations  
APPROVED

sohil  
11/22/2016 4:07:40 PM

Quant Time: Nov 22 06:34:23 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Nov 22 01:29:33 2016  
Response via : Initial Calibration



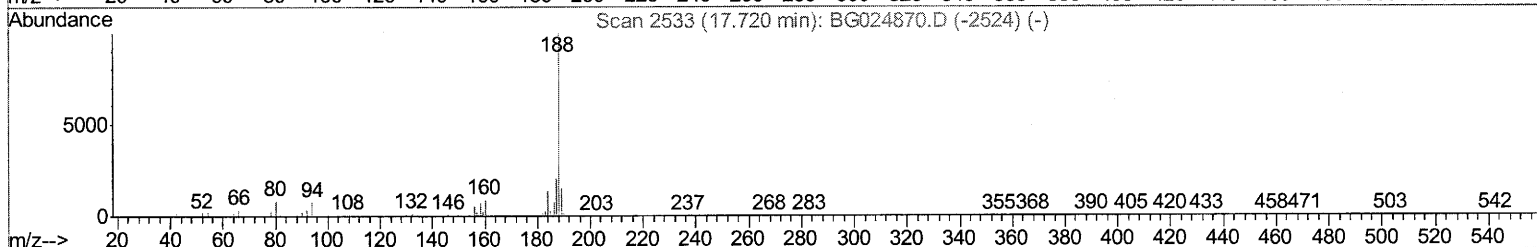
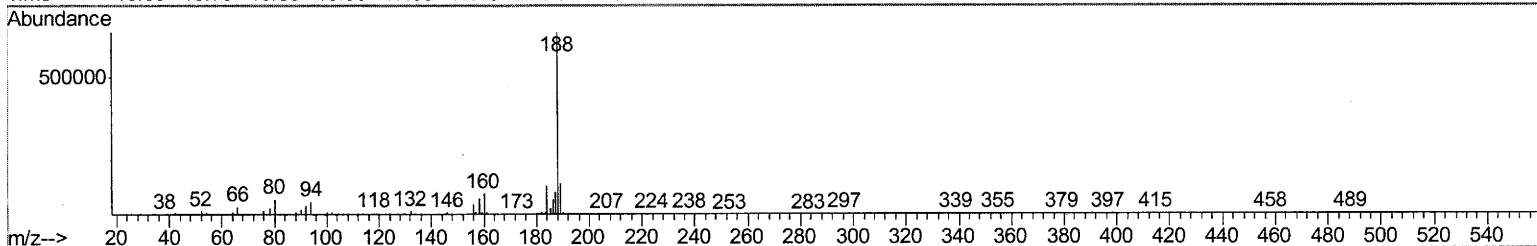
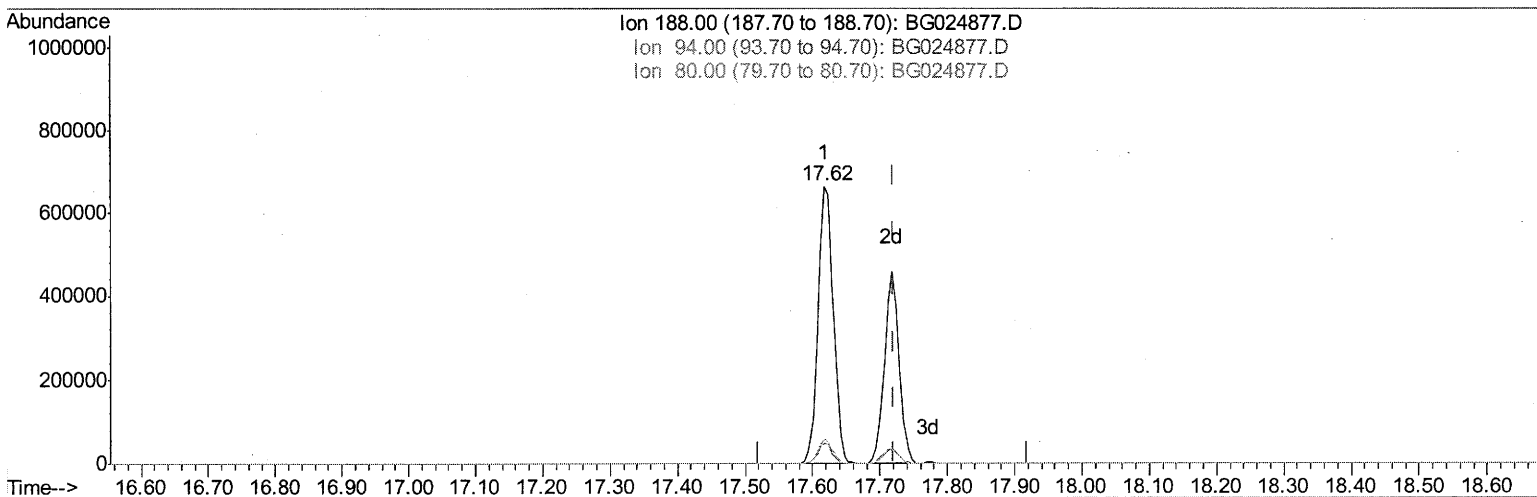
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11/22/2016 4:07:40 PM

Quant Time: Nov 22 06:25:40 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Nov 22 01:29:33 2016  
Response via : Initial Calibration



TIC: BG024877.D

(70) Anthracene-d10 (S)

17.618min (-0.102) 22.64ng/ul

response 1055763

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 8.80 | 7.07 |
| 80.00  | 9.50 | 8.45 |
| 0.00   | 0.00 | 0.00 |

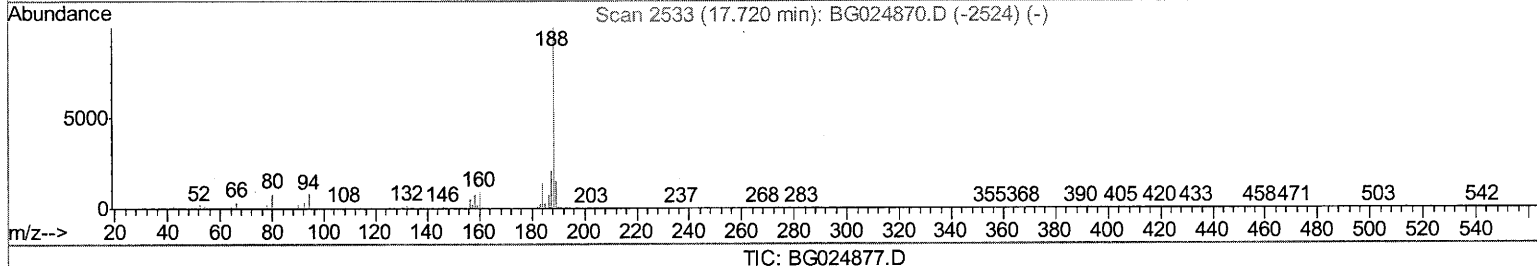
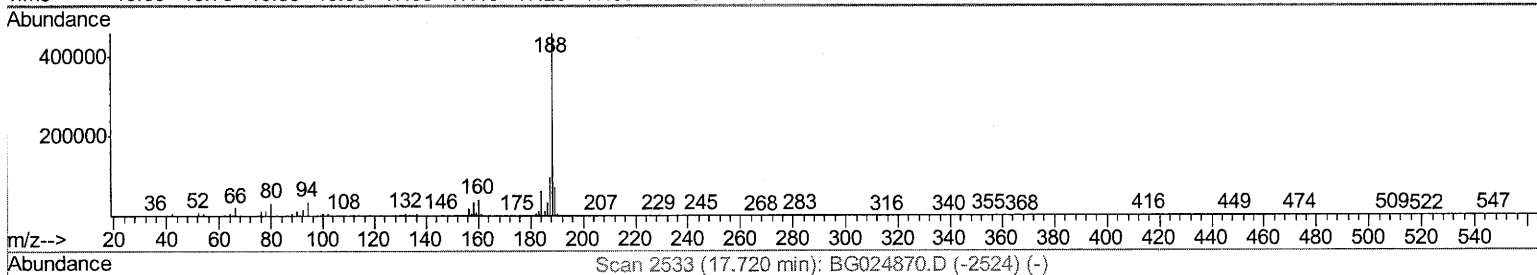
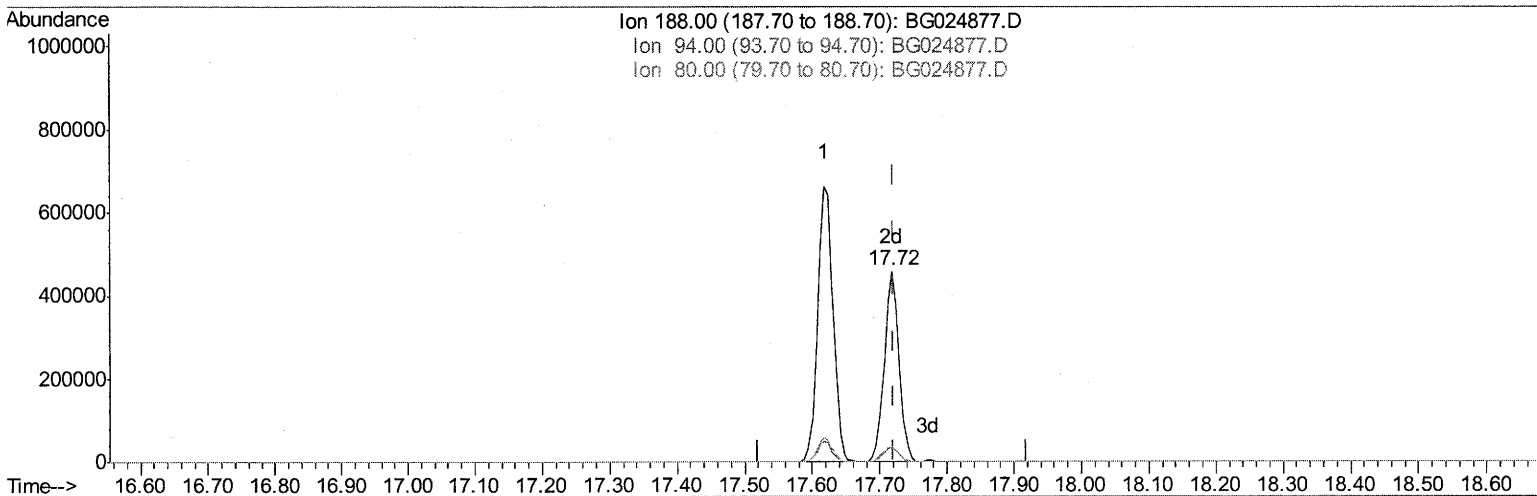
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG112116\  
Data File : BG024877.D  
Acq On : 22 Nov 2016 2:57  
Operator : UM/SJ  
Sample : H5694-19  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
JHSS6

Manual Integrations  
APPROVED

sohil  
11/22/2016 4:07:40 PM

Quant Time: Nov 22 06:25:40 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Nov 22 01:29:33 2016  
Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.718min (-0.002) 15.03ng/ul m

UM

11/22/16

response 700789

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 8.80 | 7.74  |
| 80.00  | 9.50 | 7.20# |
| 0.00   | 0.00 | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG112116\  
 Data File : BG024877.D  
 Acq On : 22 Nov 2016 2:57  
 Operator : UM/SJ  
 Sample : H5694-19  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHSS6

Manual Integrations  
 APPROVED

sohil  
 11/22/2016 4:07:40 PM

Quant Time: Nov 22 06:34:23 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 22 01:29:33 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.26  | 152  | 143096   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.08 | 136  | 612556   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.88 | 164  | 513033   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.62 | 188  | 1055763  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.92 | 240  | 1289343  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.35 | 264  | 1336765  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.62  | 96  | 7190    | 2.60  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.39  | 99  | 166606  | 13.59 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.57  | 67  | 106635  | 13.83 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.78  | 132 | 124419  | 14.15 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.95  | 113 | 126640  | 12.30 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.43  | 128 | 65138   | 14.04 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.16 | 143 | 74263   | 13.41 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.69 | 165 | 150478  | 13.65 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.22 | 131 | 141032  | 11.46 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.27 | 166 | 506808  | 13.55 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.57 | 160 | 594959  | 14.60 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 70782   | 10.63 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.86 | 176 | 482399  | 13.70 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 63898   | 8.80  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.72 | 188 | 700789m | 15.03 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.99 | 212 | 848824  | 15.18 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.11 | 264 | 895566  | 15.30 | ng/ul | 0.00 |

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 11/22/16

## Target Compounds

|                                |       |     |        |      |        | Qvalue |
|--------------------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol                      | 7.42  | 94  | 18792  | 1.47 | ng/ul  | 93     |
| 44) Dimethylphthalate          | 14.32 | 163 | 91769  | 2.56 | ng/ul# | 94     |
| 69) Phenanthrene               | 17.66 | 178 | 54750  | 1.04 | ng/ul# | 87     |
| 74) Fluoranthene               | 19.66 | 202 | 89679  | 1.47 | ng/ul# | 93     |
| 77) Pyrene                     | 20.02 | 202 | 89348  | 1.41 | ng/ul# | 95     |
| 81) Bis(2-ethylhexyl)phthalate | 21.75 | 149 | 237986 | 6.71 | ng/ul  | 98     |

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