

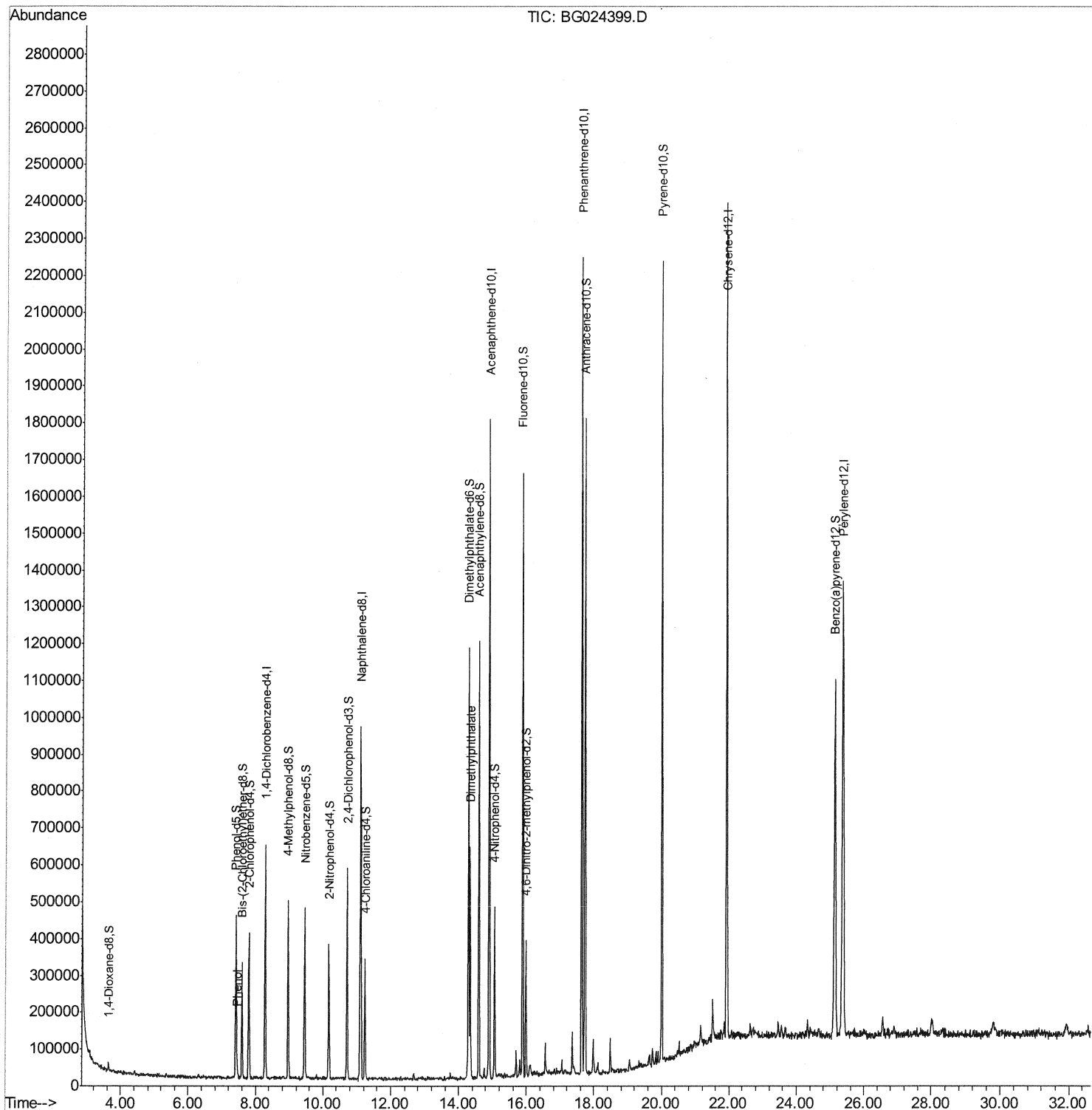
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG101716\  
Data File : BG024399.D  
Acq On : 18 Oct 2016 1:24  
Operator : UM/SJ  
Sample : H5241-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
BDNC4

Manual Integrations  
APPROVED

umangi  
10/18/2016 6:11:14 PM

Quant Time: Oct 18 03:37:33 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG0100716.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Oct 15 05:09:35 2016  
Response via : Initial Calibration



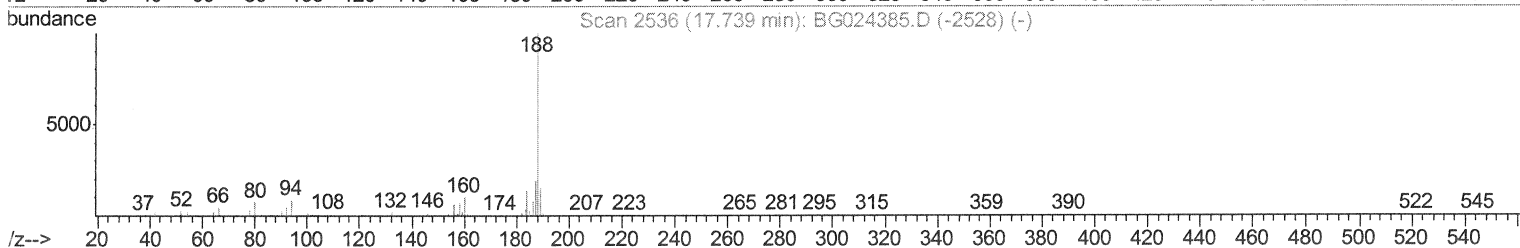
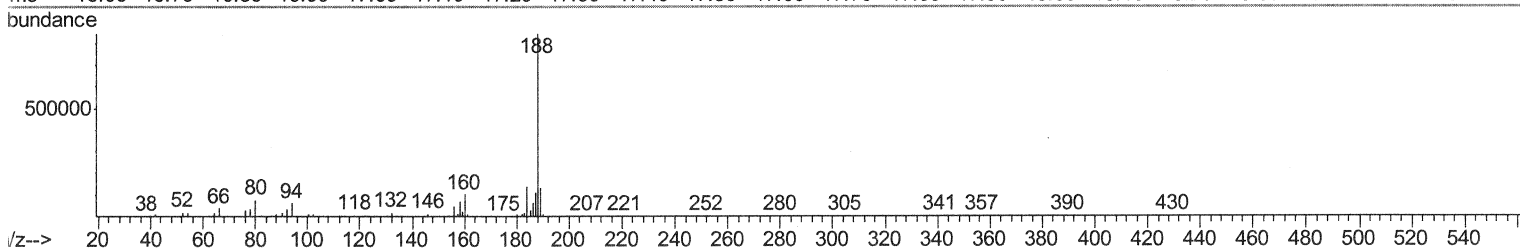
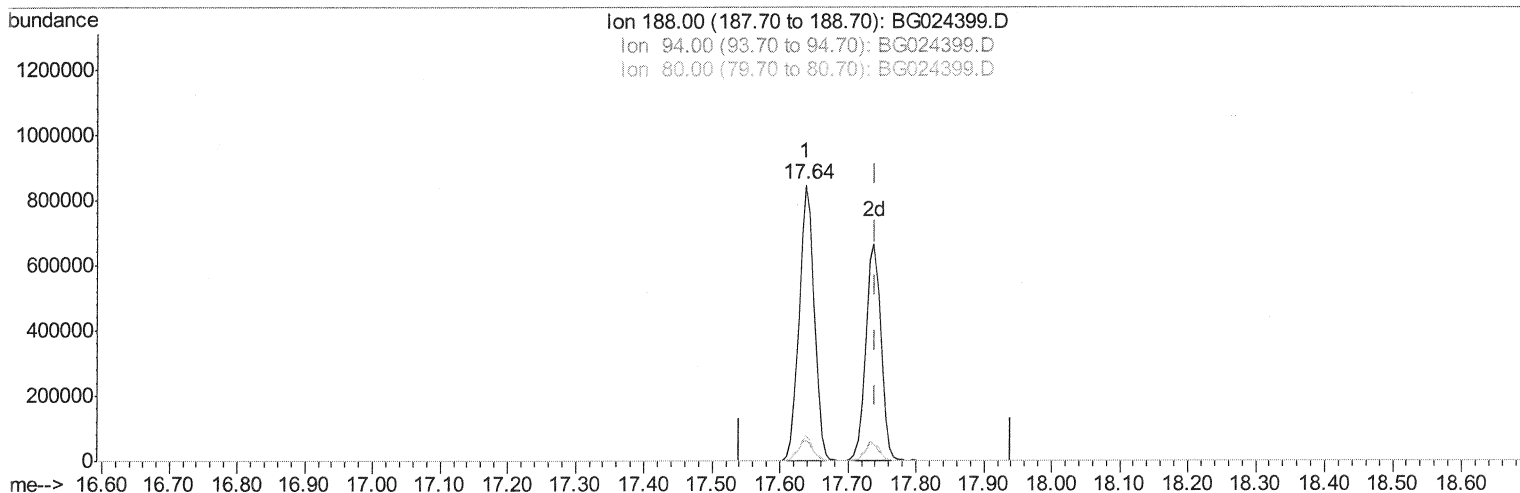
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Quant Time: Oct 18 02:11:04 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG0100716.M  
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 Response via : Initial Calibration



TIC: BG024399.D

(70) Anthracene-d10 (S)

17.638min (-0.102) 22.14ng/ul

response 1334885

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 8.80 | 7.34 |
| 80.00  | 9.50 | 9.09 |
| 0.00   | 0.00 | 0.00 |

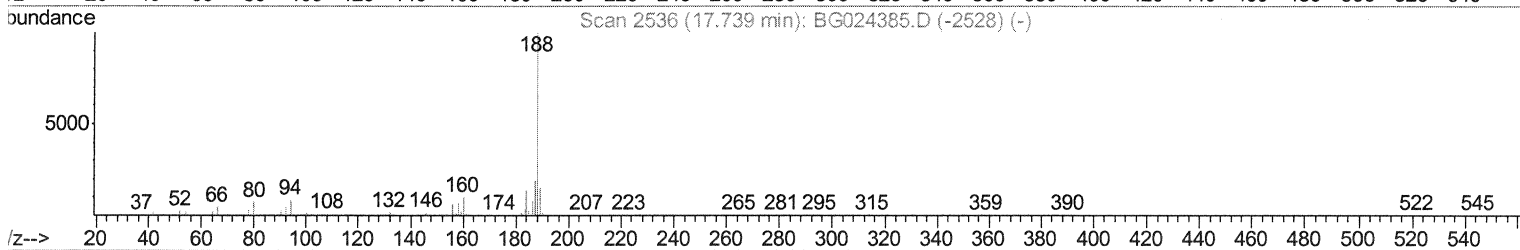
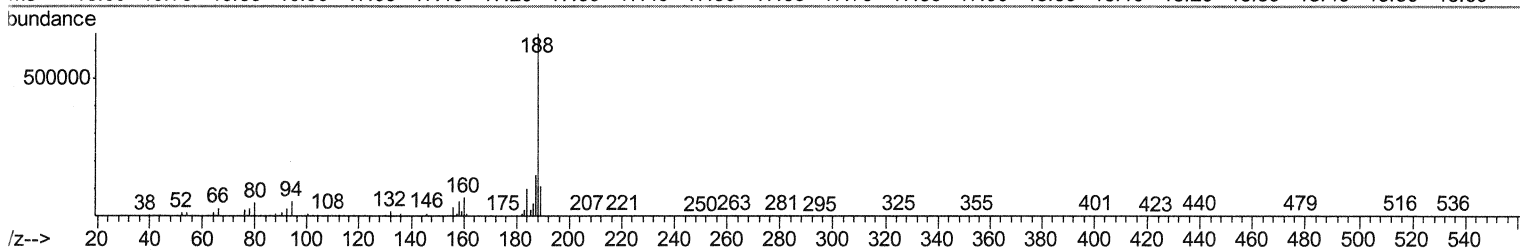
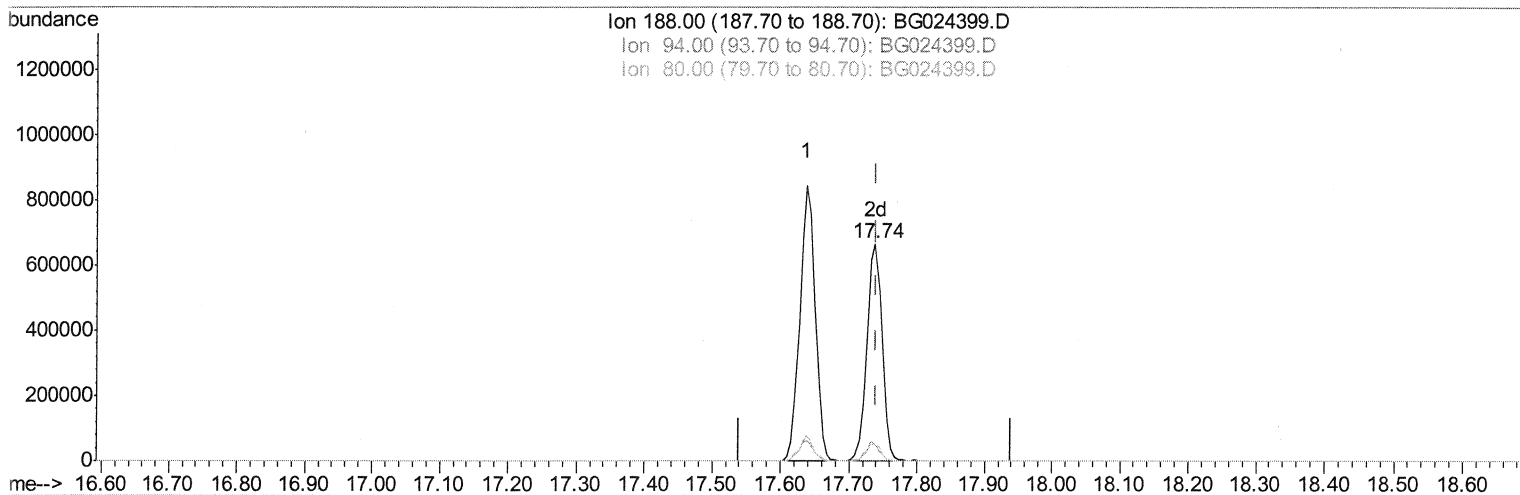
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 ClientSampleId :  
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Manual Integrations  
 APPROVED

umangi  
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Quant Time: Oct 18 02:11:04 2016  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 15 05:09:35 2016  
 Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.738min (-0.002) 17.13ng/ul m

*SJ 10/20/16*

response 1032629

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 8.80 | 8.02  |
| 80.00  | 9.50 | 7.55# |
| 0.00   | 0.00 | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG101716\  
 Data File : BG024399.D  
 Acq On : 18 Oct 2016 1:24  
 Operator : UM/SJ  
 Sample : H5241-04  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDNC4

Manual Integrations  
 APPROVED

umangi  
 10/18/2016 6:11:14 PM

Quant Time: Oct 18 03:37:33 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG0100716.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 15 05:09:35 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.28  | 152  | 167174   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.11 | 136  | 750293   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.90 | 164  | 628770   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.64 | 188  | 1334885  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.94 | 240  | 1513394  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.38 | 264  | 1557581  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |          |       |       |      |
|--------------------------------|-------|-----|----------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.65  | 96  | 9569     | 2.72  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.41  | 99  | 236519   | 15.16 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.60  | 67  | 160627   | 15.23 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.81  | 132 | 169528   | 15.78 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.97  | 113 | 182546   | 14.48 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.46  | 128 | 92024    | 17.28 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.19 | 143 | 100587   | 16.89 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.72 | 165 | 196548   | 15.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.24 | 131 | 146264   | 10.73 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.29 | 166 | 713996   | 16.26 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.59 | 160 | 846248   | 16.83 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 91508    | 11.76 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.88 | 176 | 698321   | 16.82 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 79076    | 9.86  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.74 | 188 | 1032629m | 17.13 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.01 | 212 | 1186071  | 16.79 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.14 | 264 | 1168684  | 16.68 | ng/ul | 0.00 |

SJ 10/20/16

## Target Compounds

|                       |       |     |        |             | Qvalue |
|-----------------------|-------|-----|--------|-------------|--------|
| 6) Phenol             | 7.44  | 94  | 18681  | 1.18 ng/ul# | 87     |
| 44) Dimethylphthalate | 14.34 | 163 | 378195 | 8.79 ng/ul  | 97     |

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