

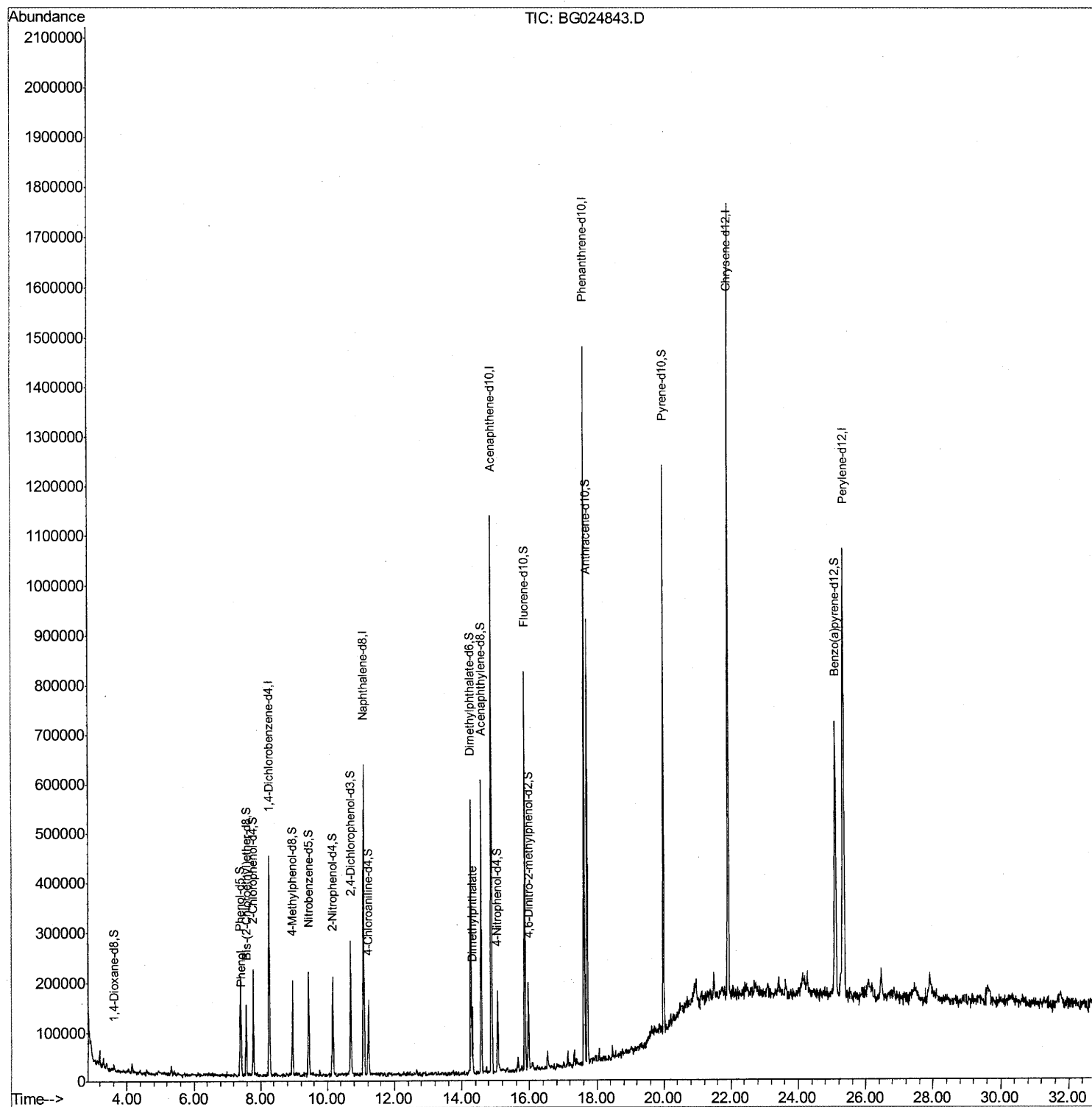
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111816\  
Data File : BG024843.D  
Acq On : 19 Nov 2016 2:50  
Operator : UM/SJ  
Sample : H5695-05  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
JHSW7

Manual Integrations  
APPROVED

sohil  
11/21/2016 3:42:01 PM

Quant Time: Nov 19 03:43:29 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Nov 19 03:34:56 2016  
Response via : Initial Calibration



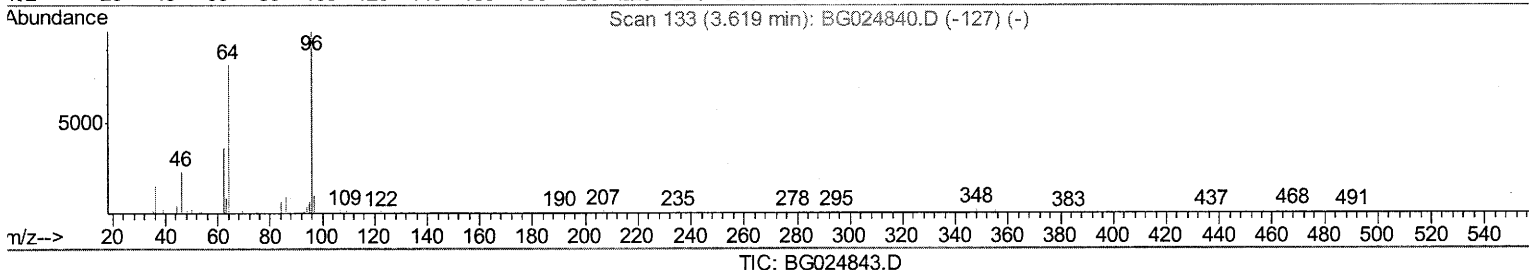
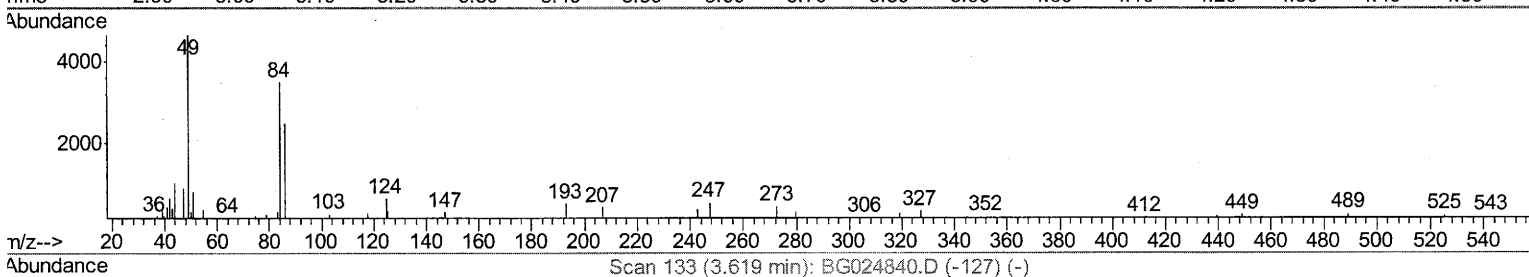
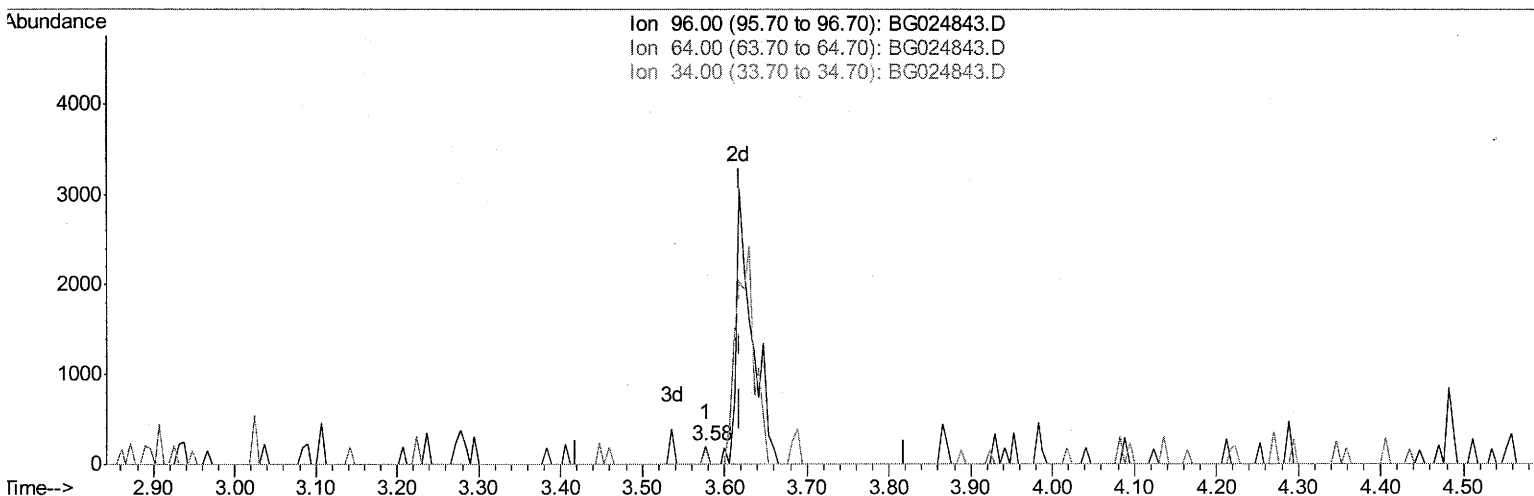
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(3) 1,4-Dioxane-d8 (S)

3.577min (-0.042) 0.03ng/uL

response 70

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 88.90 | 84.42 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

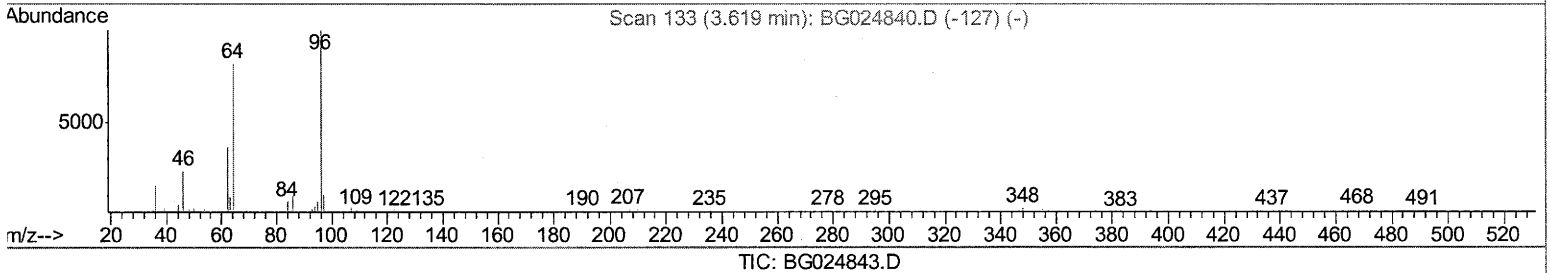
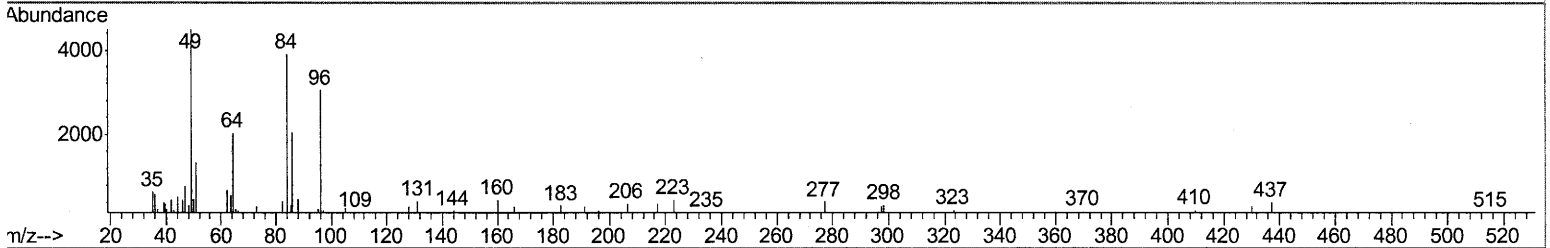
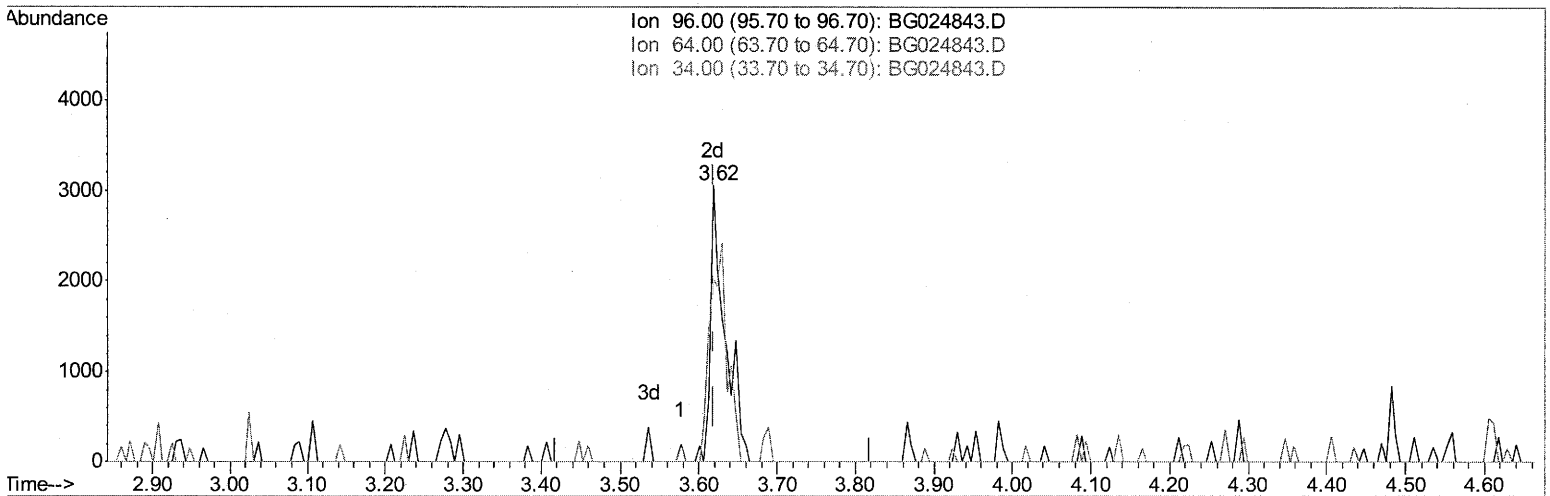
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Manual Integrations  
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TIC: BG024843.D

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

3.618min (-0.001) 1.85ng/uL m

UM

response 3994

1112111

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 96.00 | 100   | 100    |
| 64.00 | 88.90 | 66.49# |
| 34.00 | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

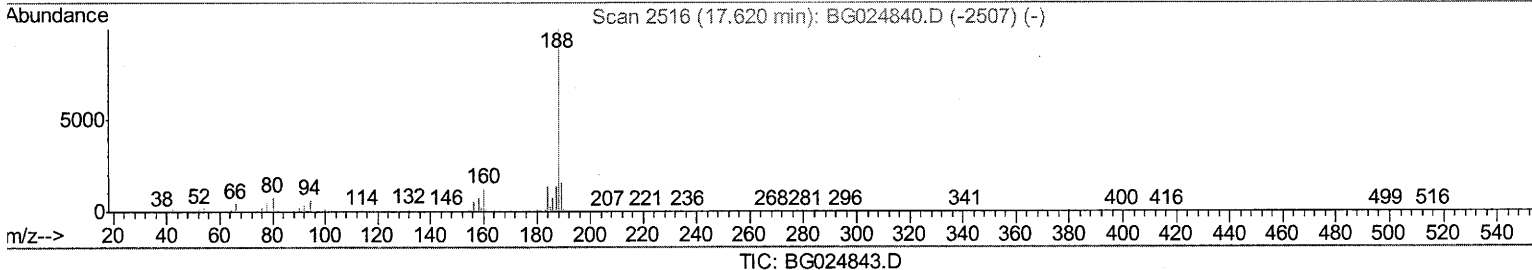
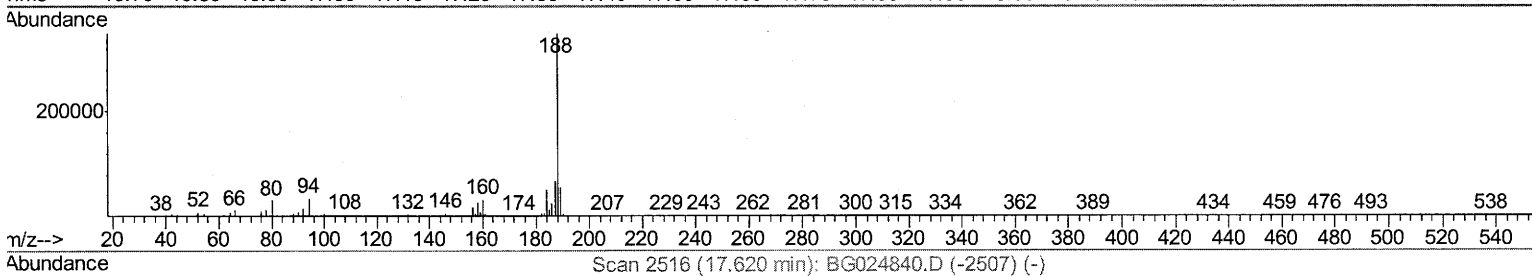
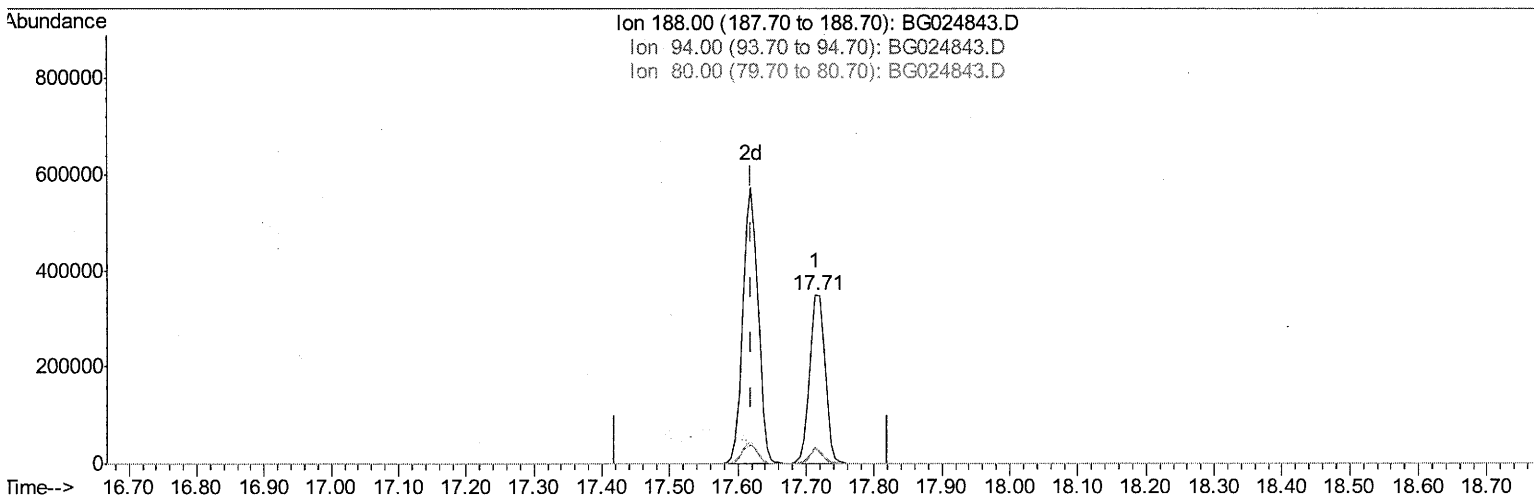
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Manual Integrations  
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(61) Phenanthrene-d10 (I)

17.713min (+0.093) 20.00ng/ul

response 548387

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 8.80 | 9.66 |
| 80.00  | 9.50 | 8.84 |
| 0.00   | 0.00 | 0.00 |

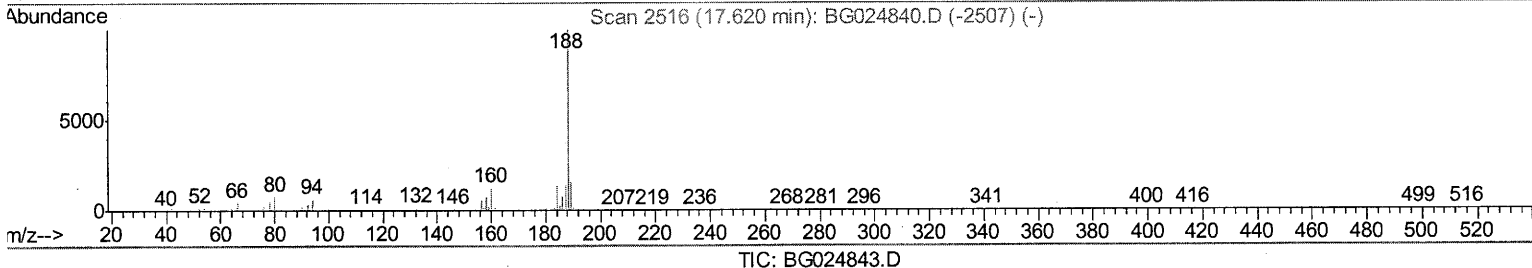
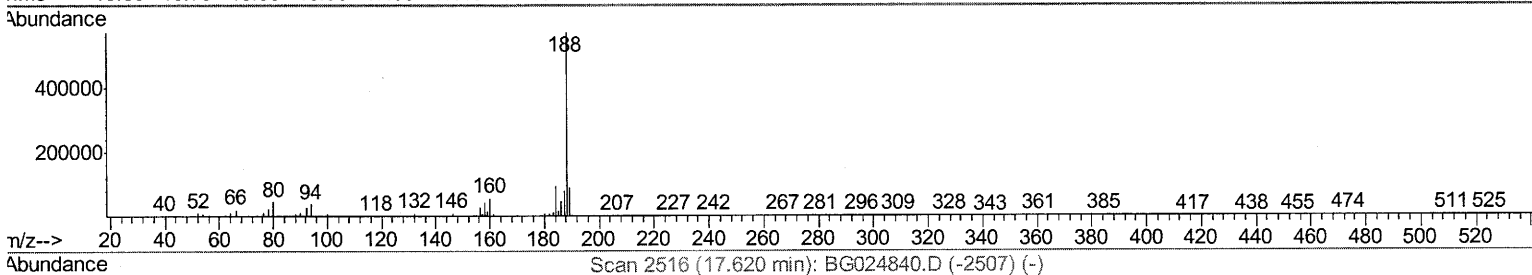
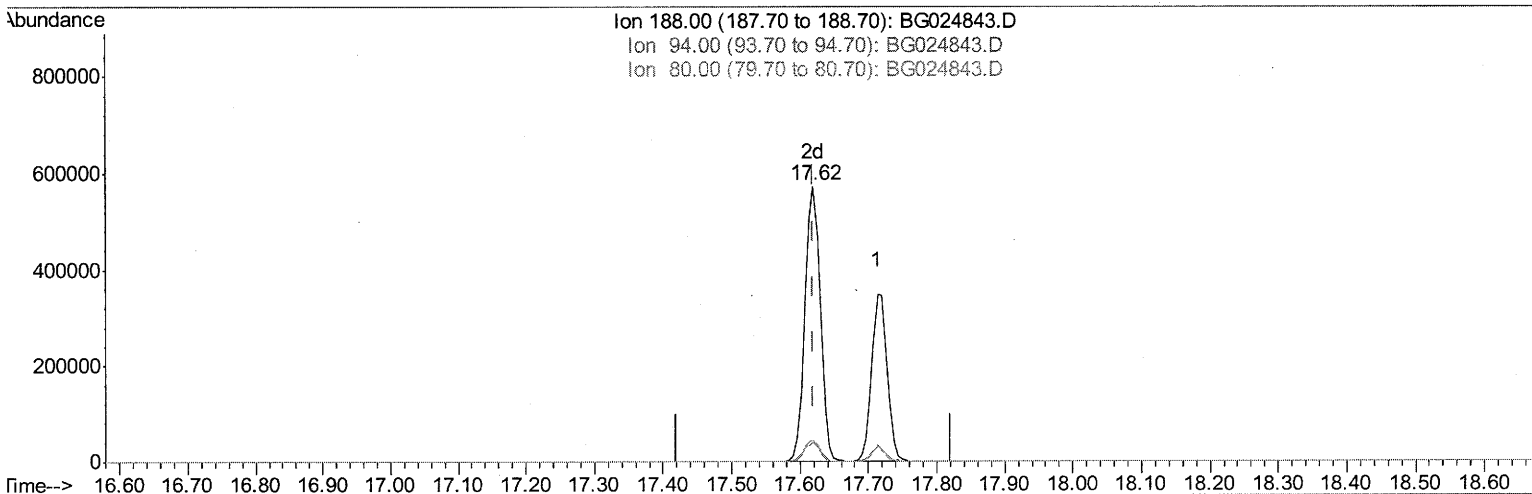
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ALS Vial : 17 Sample Multiplier: 1

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



(61) Phenanthrene-d10 (I)

17.619min (-0.001) 20.00ng/ul m

UM

response 888651

11/21/16

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 8.80 | 6.81# |
| 80.00  | 9.50 | 7.96  |
| 0.00   | 0.00 | 0.00  |

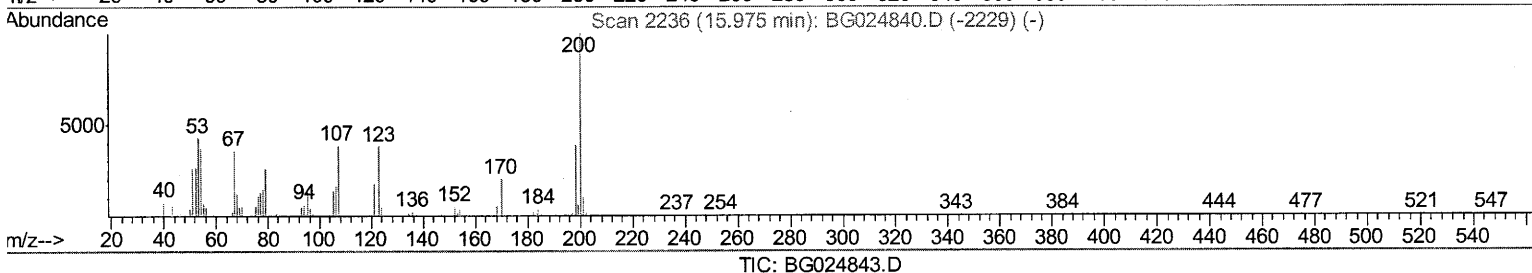
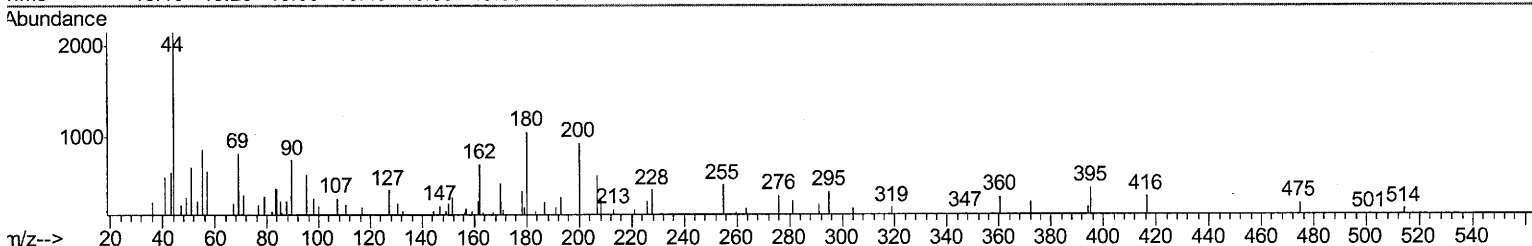
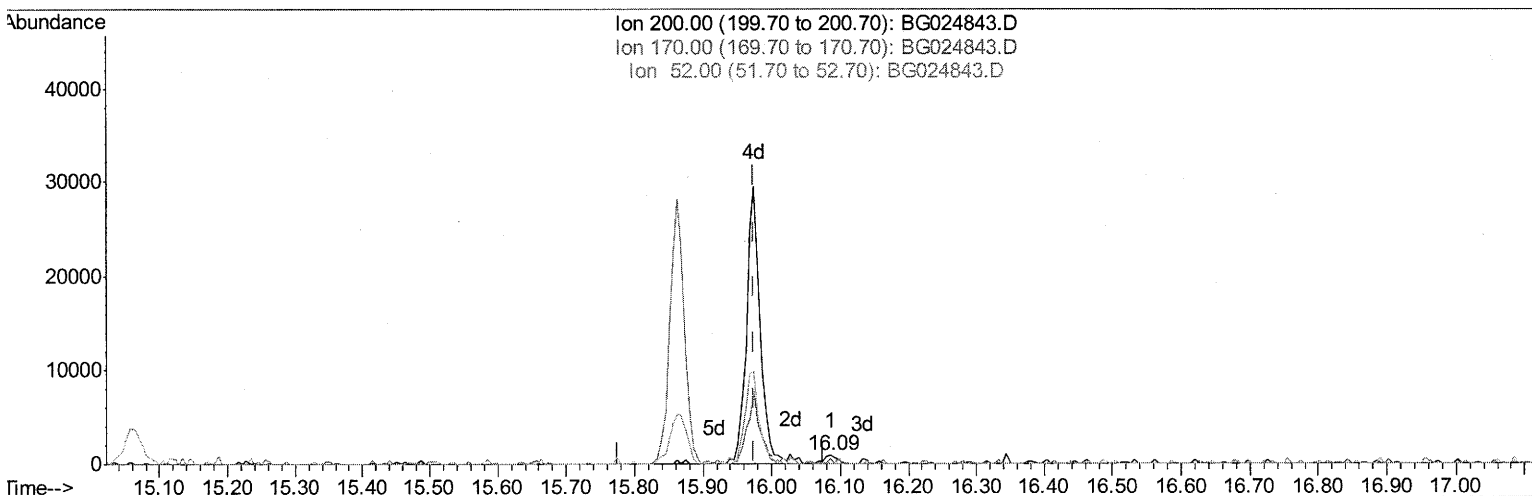
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111816\  
Data File : BG024843.D  
Acq On : 19 Nov 2016 2:50  
Operator : UM/SJ  
Sample : H5695-05  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
JHSW7

Manual Integrations  
APPROVED

sohil  
11/21/2016 3:42:01 PM

Quant Time: Nov 19 03:43:09 2016  
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Quant Title : SVOA CALIBRATION  
QLast Update : Sat Nov 19 03:34:56 2016  
Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.086min (+0.111) 0.20ng/ul

response 1232

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 23.20 | 52.37# |
| 52.00  | 47.20 | 0.00#  |
| 0.00   | 0.00  | 0.00   |

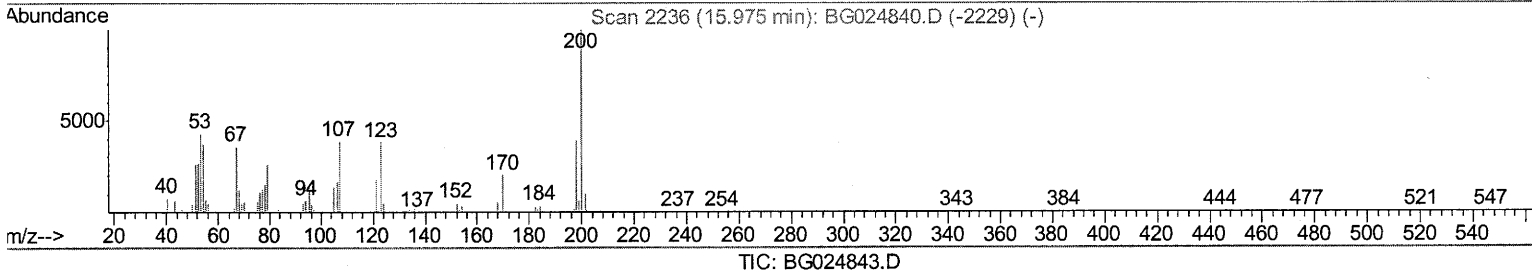
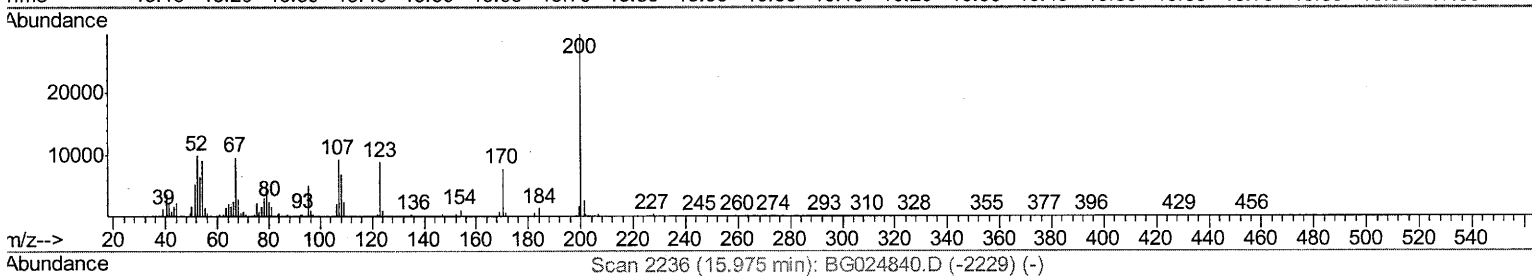
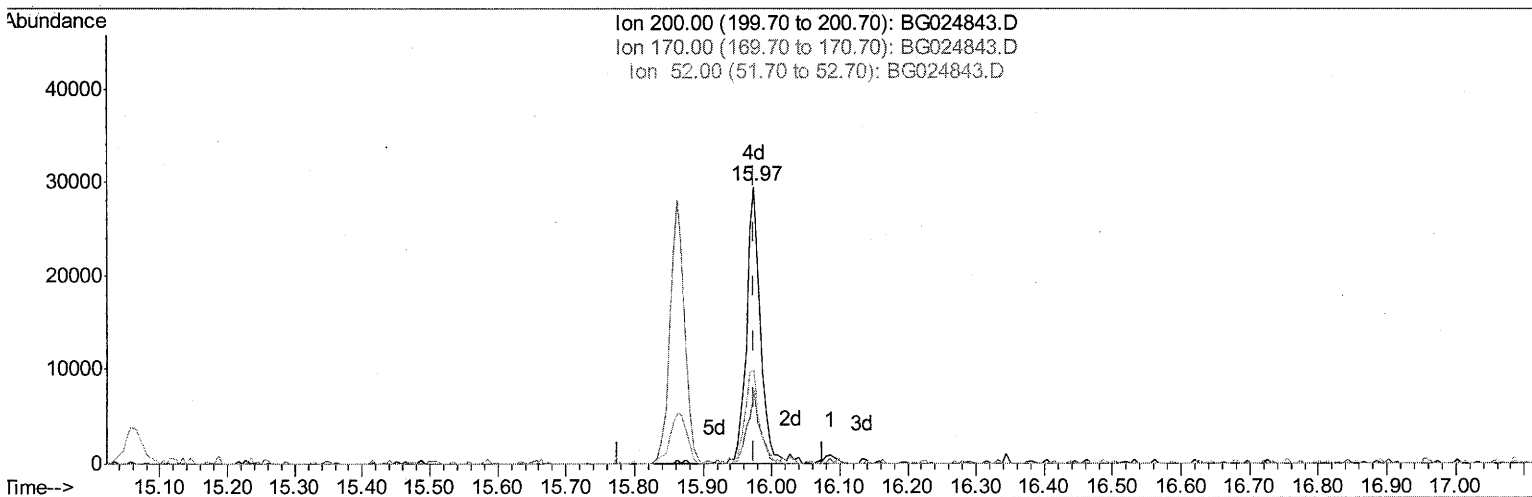
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111816\  
Data File : BG024843.D  
Acq On : 19 Nov 2016 2:50  
Operator : UM/SJ  
Sample : H5695-05  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHSW7

Manual Integrations  
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Quant Time: Nov 19 03:43:09 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111416.M  
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Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.974min (-0.001) 6.89ng/ul m

UM

response 42073

11/21/16

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 23.20 | 26.48  |
| 52.00  | 47.20 | 33.78# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111816\  
 Data File : BG024843.D  
 Acq On : 19 Nov 2016 2:50  
 Operator : UM/SJ  
 Sample : H5695-05  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 JHSW7

Manual Integrations  
 APPROVED

sohil  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.26  | 152  | 111715   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8             | 11.09 | 136  | 501832   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10           | 14.88 | 164  | 419334   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10           | 17.62 | 188  | 888651m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12               | 21.91 | 240  | 1109547  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12               | 25.35 | 264  | 1169013  | 20.00 | ng/ul | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 3) 1,4-Dioxane-d8              | 3.62  | 96   | 3994m    | 1.85  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.40  | 99   | 111123   | 11.61 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.57  | 67   | 75864    | 12.60 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.78  | 132  | 87325    | 12.72 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.95  | 113  | 74984    | 9.33  | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.43  | 128  | 47745    | 12.56 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.16 | 143  | 51353    | 11.32 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.70 | 165  | 100065   | 11.08 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.22 | 131  | 79136    | 7.85  | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.27 | 166  | 354217   | 11.59 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.58 | 160  | 425904   | 12.78 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.06 | 143  | 41604    | 7.65  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.86 | 176  | 350268   | 12.17 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200  | 42073m   | 6.89  | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.71 | 188  | 547889   | 13.96 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.99 | 212  | 642946   | 13.36 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.10 | 264  | 671684   | 13.13 | ng/ul | 0.00     |

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| Target Compounds      |       |     |       |             | Qvalue |
|-----------------------|-------|-----|-------|-------------|--------|
| 6) Phenol             | 7.42  | 94  | 13994 | 1.40 ng/ul# | 79     |
| 44) Dimethylphthalate | 14.31 | 163 | 90133 | 3.07 ng/ul# | 96     |

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