

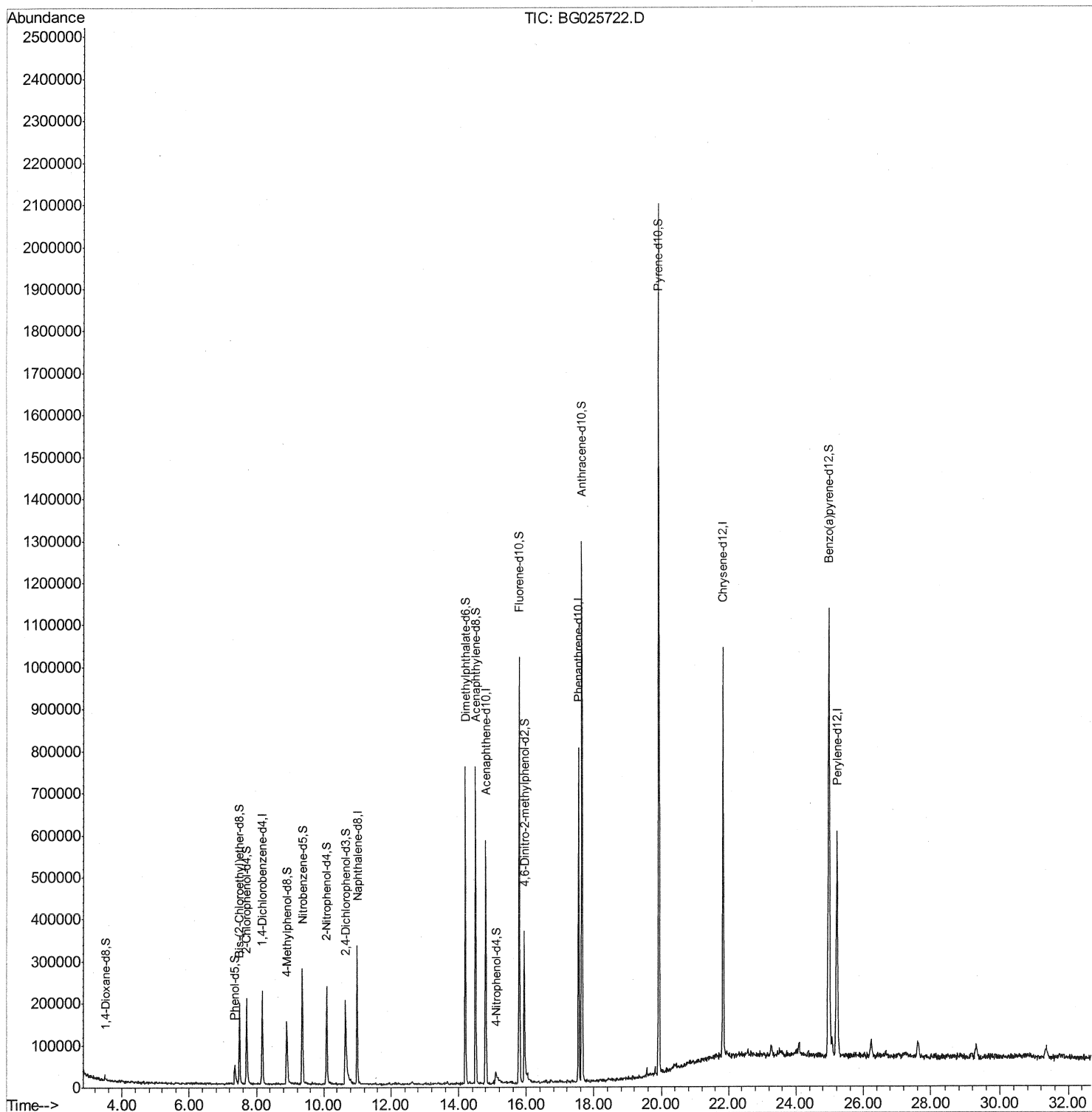
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG013117\  
Data File : BG025722.D  
Acq On : 31 Jan 2017 18:30  
Operator : SJ/MA  
Sample : I1495-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BDNW7

Manual Integrations  
APPROVED

mohammad  
2/1/2017 2:52:24 PM

Quant Time: Feb 01 03:39:21 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011817.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 01 02:37:05 2017  
Response via : Initial Calibration



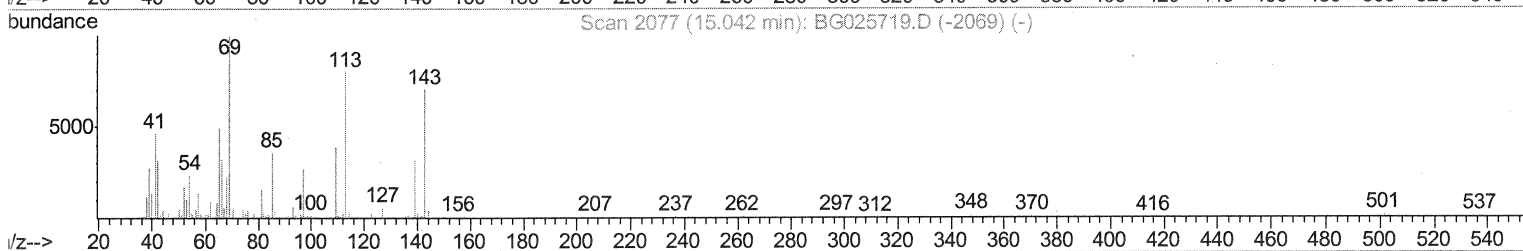
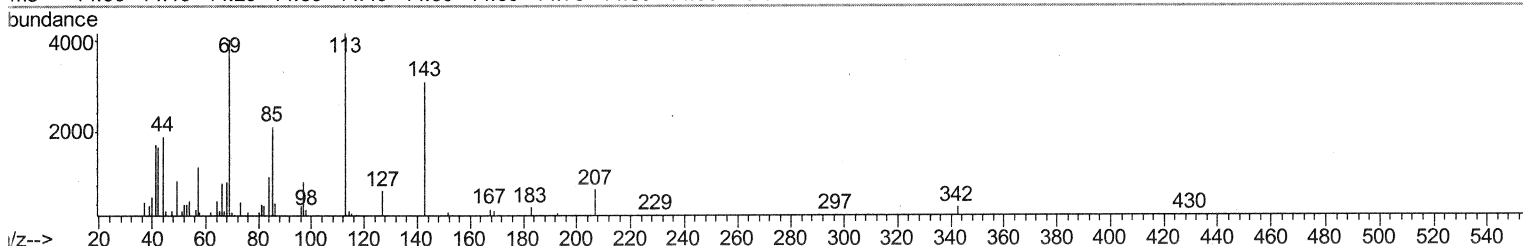
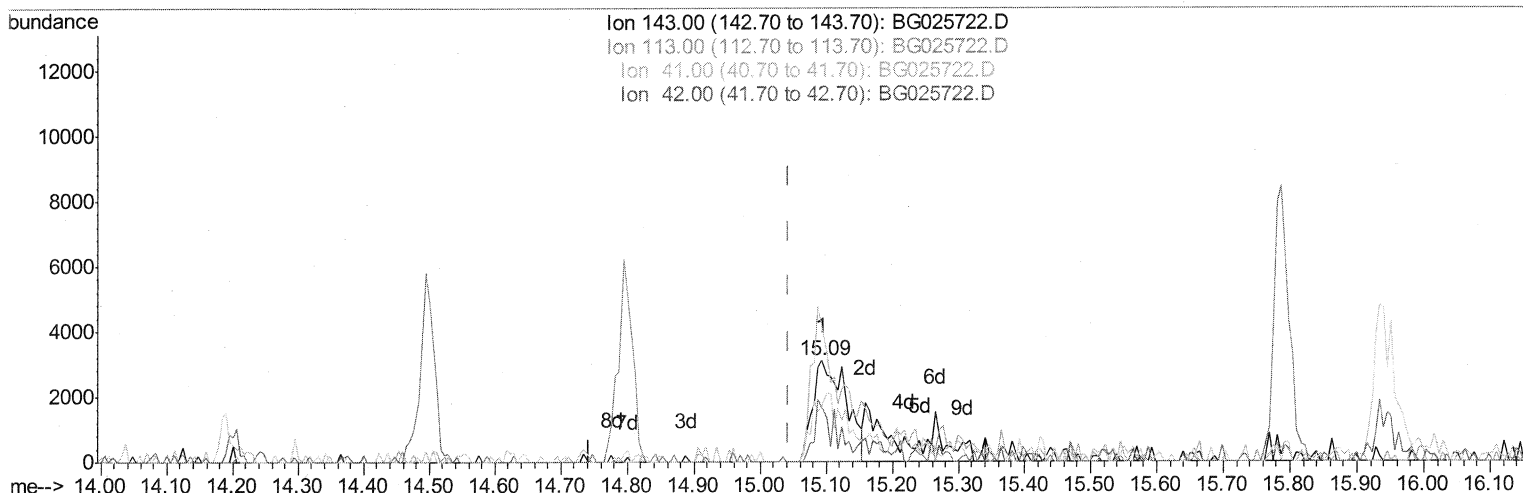
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TIC: BG025722.D

(51) 4-Nitrophenol-d4 (S)

15.093min (+0.051) 5.38ng/ul

response 10659

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 134.56 |
| 41.00  | 58.00  | 55.86  |
| 42.00  | 42.20  | 54.11# |

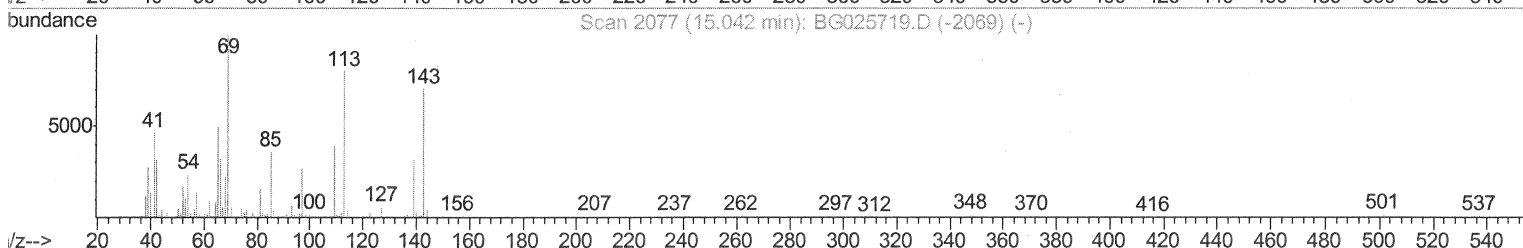
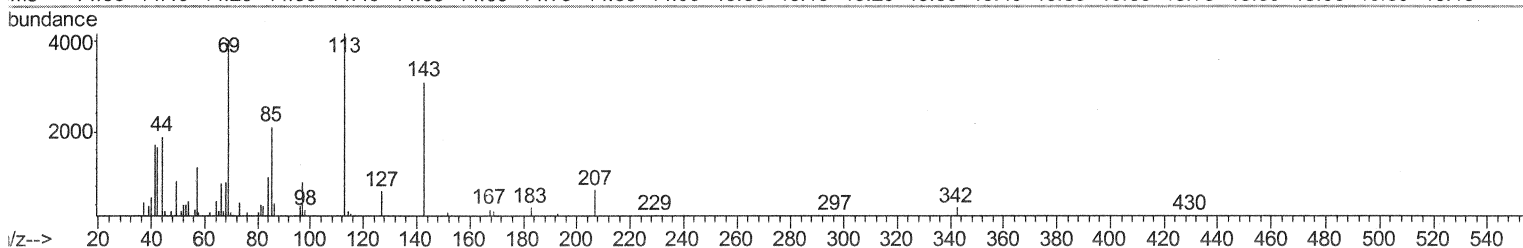
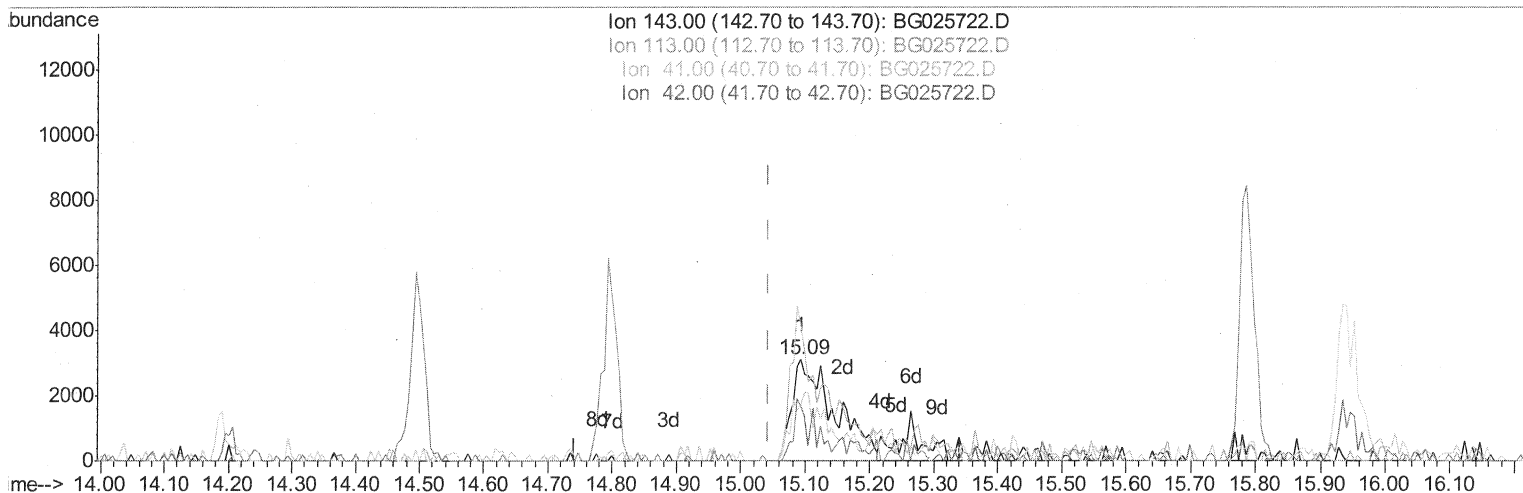
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Manual Integrations  
 APPROVED

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TIC: BG025722.D

(51) 4-Nitrophenol-d4 (S)

15.093min (+0.051) 7.13ng/ul m

*SJ 2/1/17*

response 14124

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 134.56 |
| 41.00  | 58.00  | 55.86  |
| 42.00  | 42.20  | 54.11# |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG013117\  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 61882    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.00 | 136  | 257850   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.80 | 164  | 204804   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.54 | 188  | 471539   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.83 | 240  | 657971   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.21 | 264  | 659419   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 8698    | 7.03  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.34  | 99  | 35910   | 6.77  | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.48  | 67  | 113110  | 33.02 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.70  | 132 | 90624   | 24.23 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.89  | 113 | 69778   | 15.48 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.36  | 128 | 54649   | 29.90 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.08 | 143 | 67819   | 31.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.64 | 165 | 116812  | 27.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d      | 0.00  | ng/ul |      |
| 43) Dimethylphthalate-d6       | 14.19 | 166 | 492773  | 34.07 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.49 | 160 | 546109  | 34.96 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.09 | 143 | 14124m  | 7.13  | ng/ul | 0.05 |
| 57) Fluorene-d10               | 15.79 | 176 | 434260  | 31.85 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.93 | 200 | 95869   | 32.96 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.64 | 188 | 789616  | 39.33 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.92 | 212 | 1122865 | 41.01 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.98 | 264 | 1172662 | 42.31 | ng/ul | 0.00 |

SJ 2/1/17

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

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