

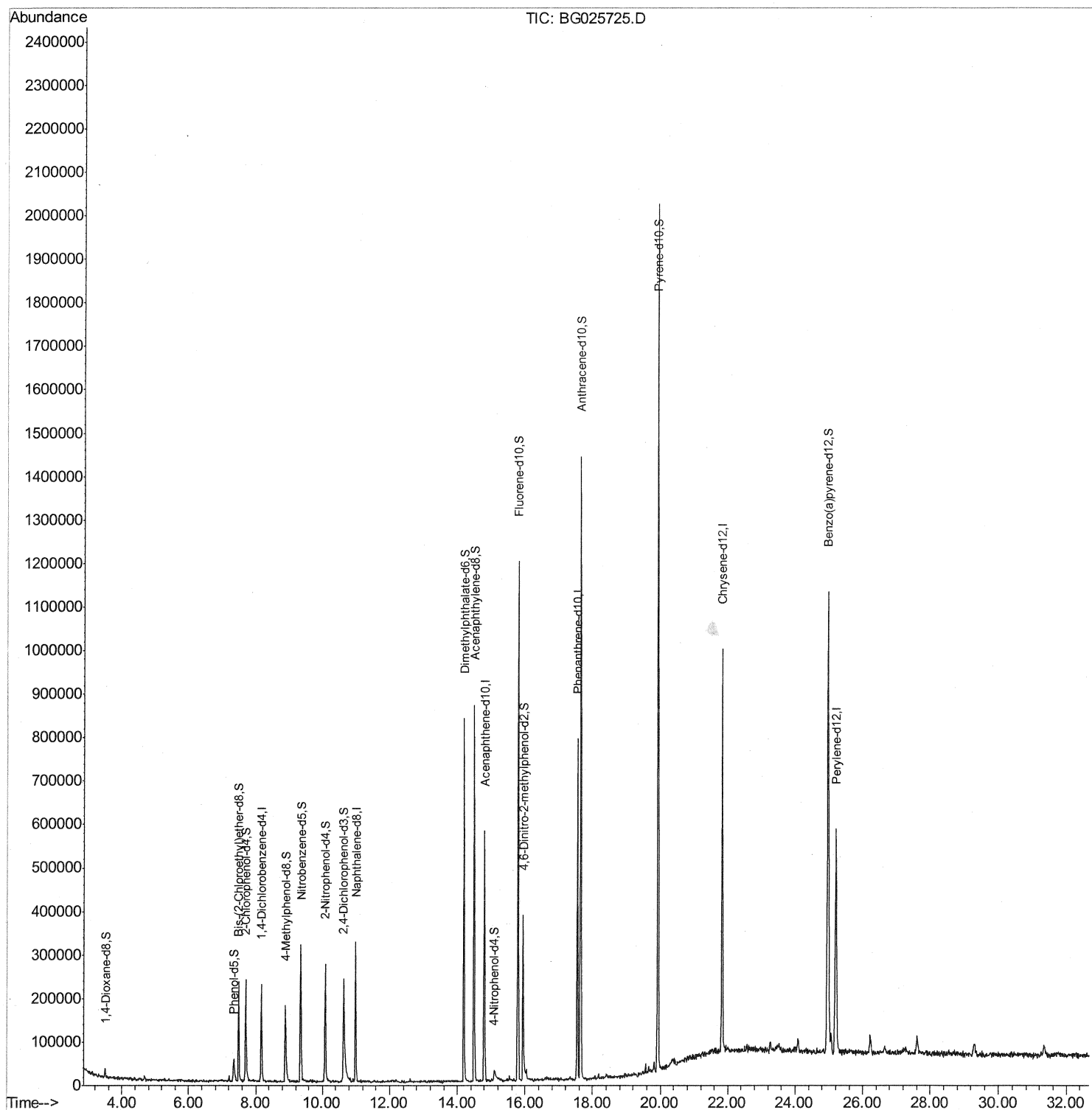
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG013117\  
Data File : BG025725.D  
Acq On : 31 Jan 2017 20:27  
Operator : SJ/MA  
Sample : I1495-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BDNW5

Manual Integrations  
APPROVED

mohammad  
2/1/2017 3:10:01 PM

Quant Time: Feb 01 04:04:51 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



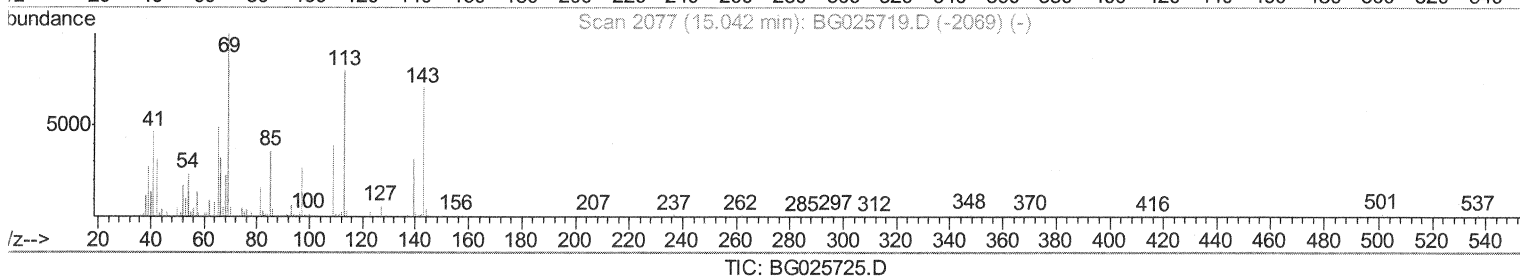
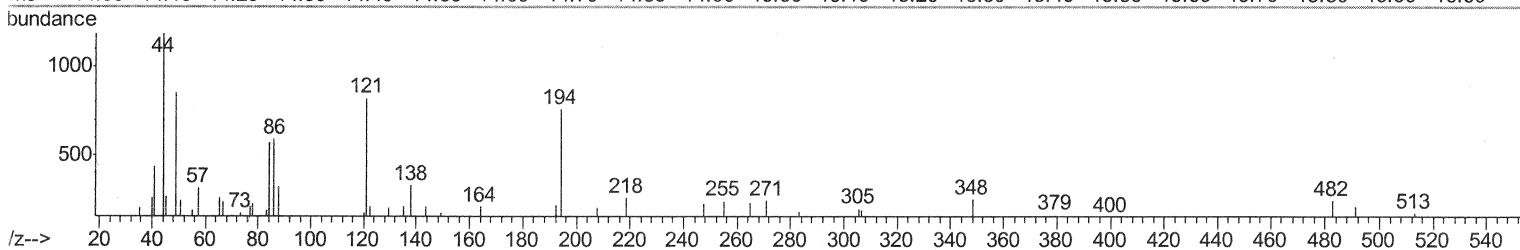
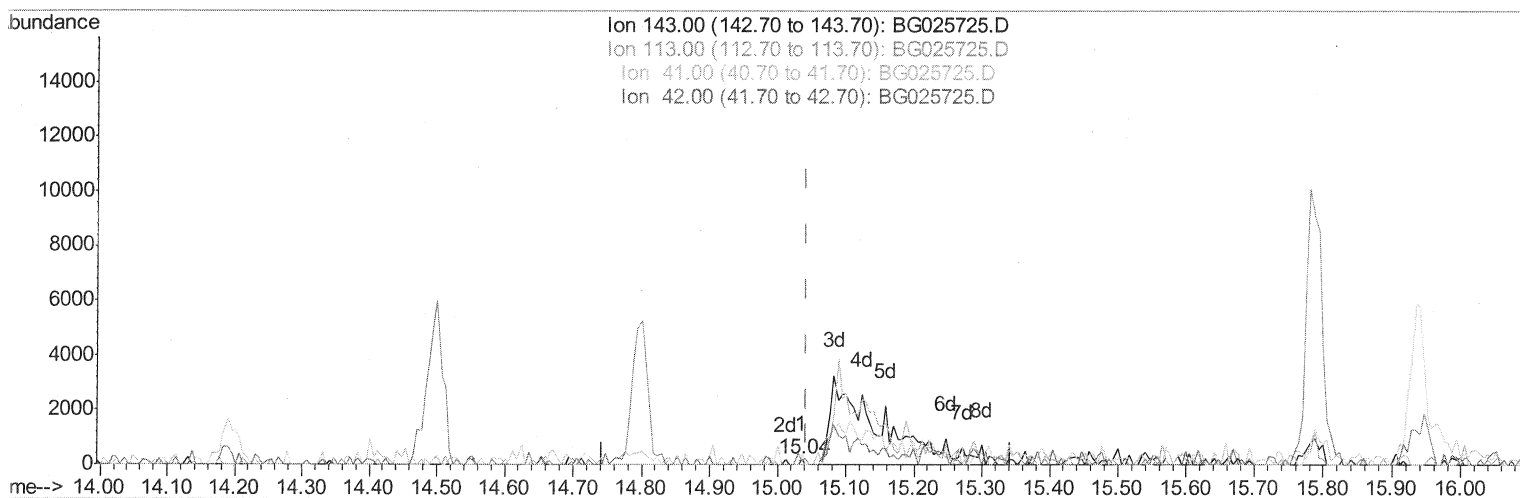
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2/1/2017 3:10:01 PM

Quant Time: Feb 01 02:42:13 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



TIC: BG025725.D

(51) 4-Nitrophenol-d4 (S)

15.035min (-0.007) 0.04ng/ul

response 73

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100    | 100     |
| 113.00 | 117.30 | 0.00#   |
| 41.00  | 58.00  | 209.18# |
| 42.00  | 42.20  | 74.40#  |

# Quantitation Report (Qedit)

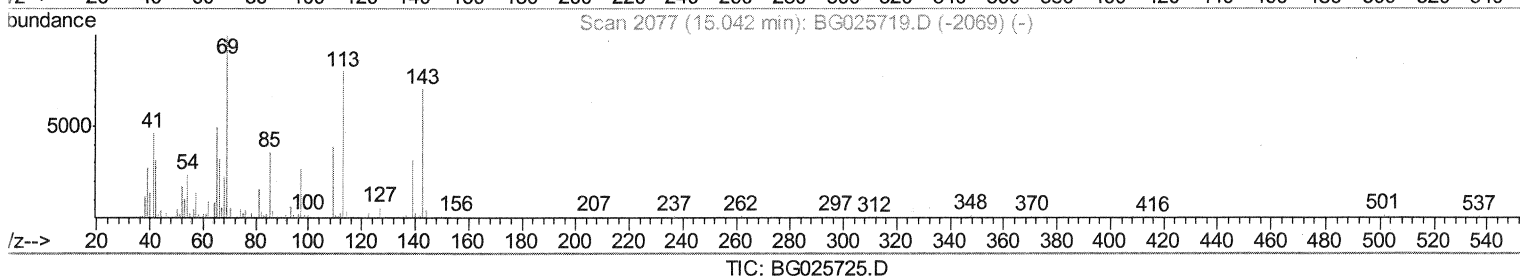
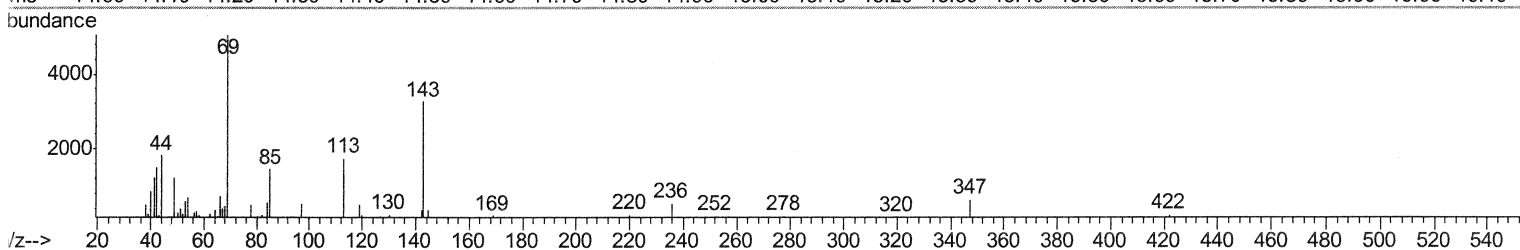
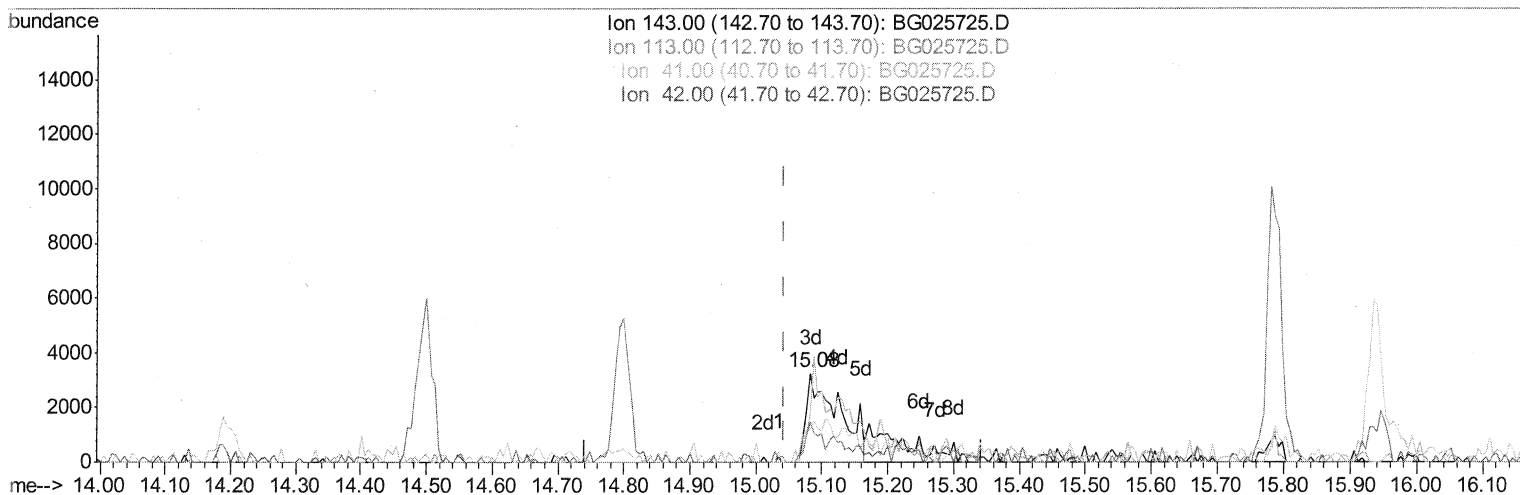
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 Acq On : 31 Jan 2017 20:27  
 Operator : SJ/MA  
 Sample : I1495-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDNW5

Manual Integrations  
 APPROVED

mohammad  
 2/1/2017 3:10:01 PM

Quant Time: Feb 01 02:42:13 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



(51) 4-Nitrophenol-d4 (S)

15.082min (+0.040) 5.65ng/ul m SJ 2/1/17

response 11126

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 53.40# |
| 41.00  | 58.00  | 37.04# |
| 42.00  | 42.20  | 45.31  |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG013117\  
 Data File : BG025725.D  
 Acq On : 31 Jan 2017 20:27  
 Operator : SJ/MA  
 Sample : I1495-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDNW5

Manual Integrations  
 APPROVED

mohammad  
 2/1/2017 3:10:01 PM

Quant Time: Feb 01 04:04:51 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011817.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 56356    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.99 | 136  | 258151   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.79 | 164  | 203506   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.54 | 188  | 467084   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.83 | 240  | 621959   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.21 | 264  | 633529   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96  | 8488    | 7.54  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.34  | 99  | 37460   | 7.76  | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67  | 124863  | 40.03 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.70  | 132 | 101252  | 29.72 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.90  | 113 | 79510   | 19.37 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 9.35  | 128 | 69670   | 38.07 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.08 | 143 | 80044   | 36.66 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.64 | 165 | 119133  | 27.66 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d      | 0.00  | ng/ul |      |
| 43) Dimethylphthalate-d6       | 14.20 | 166 | 564885  | 39.31 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.49 | 160 | 616390  | 39.71 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.08 | 143 | 11126m  | 5.65  | ng/ul | 0.04 |
| 57) Fluorene-d10               | 15.79 | 176 | 498169  | 36.77 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.94 | 200 | 98504   | 34.19 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.64 | 188 | 827118  | 41.59 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.92 | 212 | 1112043 | 42.97 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.98 | 264 | 1103800 | 41.45 | ng/ul | 0.00 |

SJ 2/1/17

Target Compounds Qvalue

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