

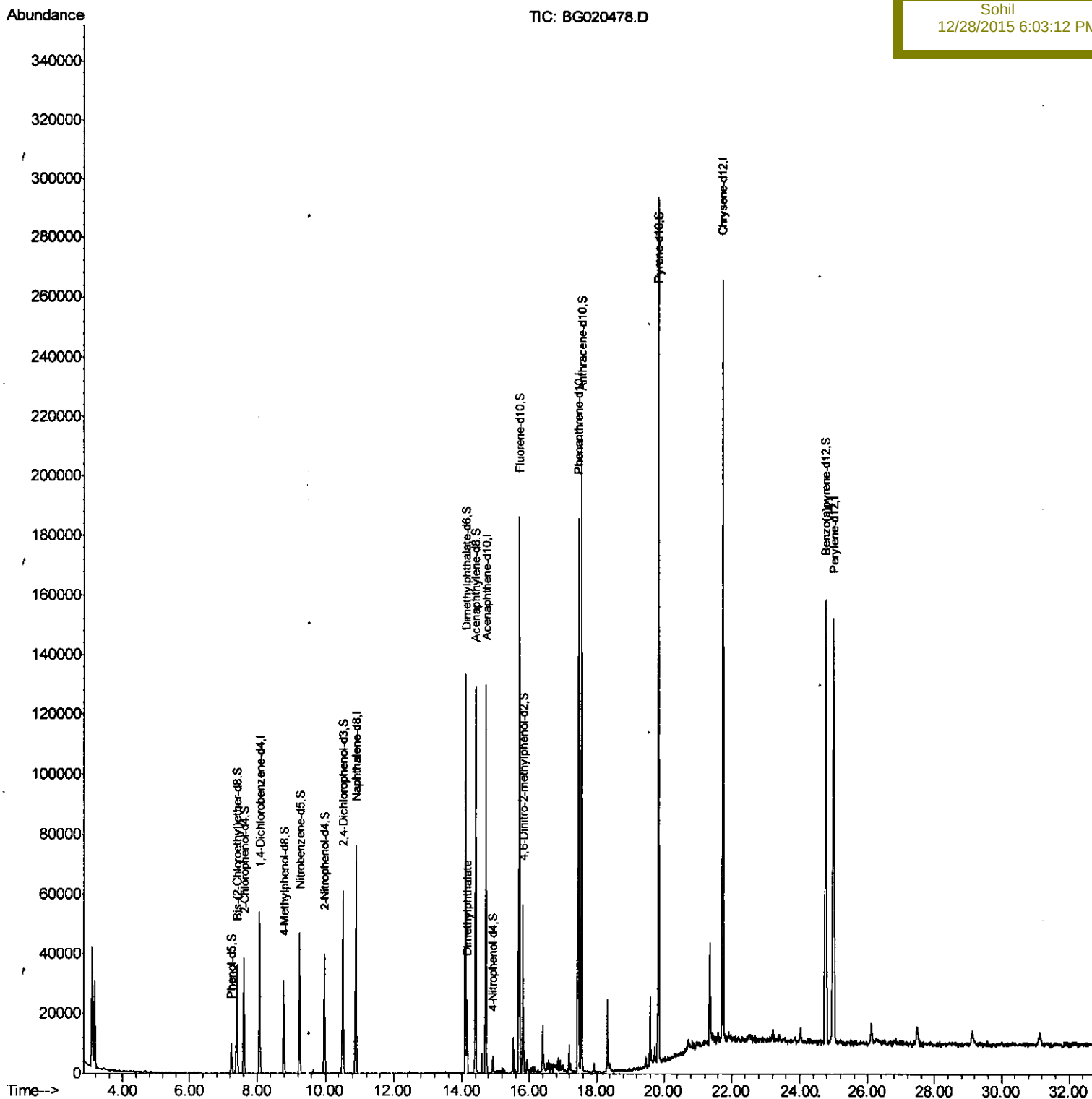
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG122415\  
Data File : BG020478.D  
Acq On : 24 Dec 2015 18:28  
Operator : UM/SJ  
Sample : G4803-12RX  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 25 03:15:52 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG122415.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 25 02:19:33 2015  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampled :  
C04C0RX

Manual Integrations  
APPROVED

Sohil  
12/28/2015 6:03:12 PM



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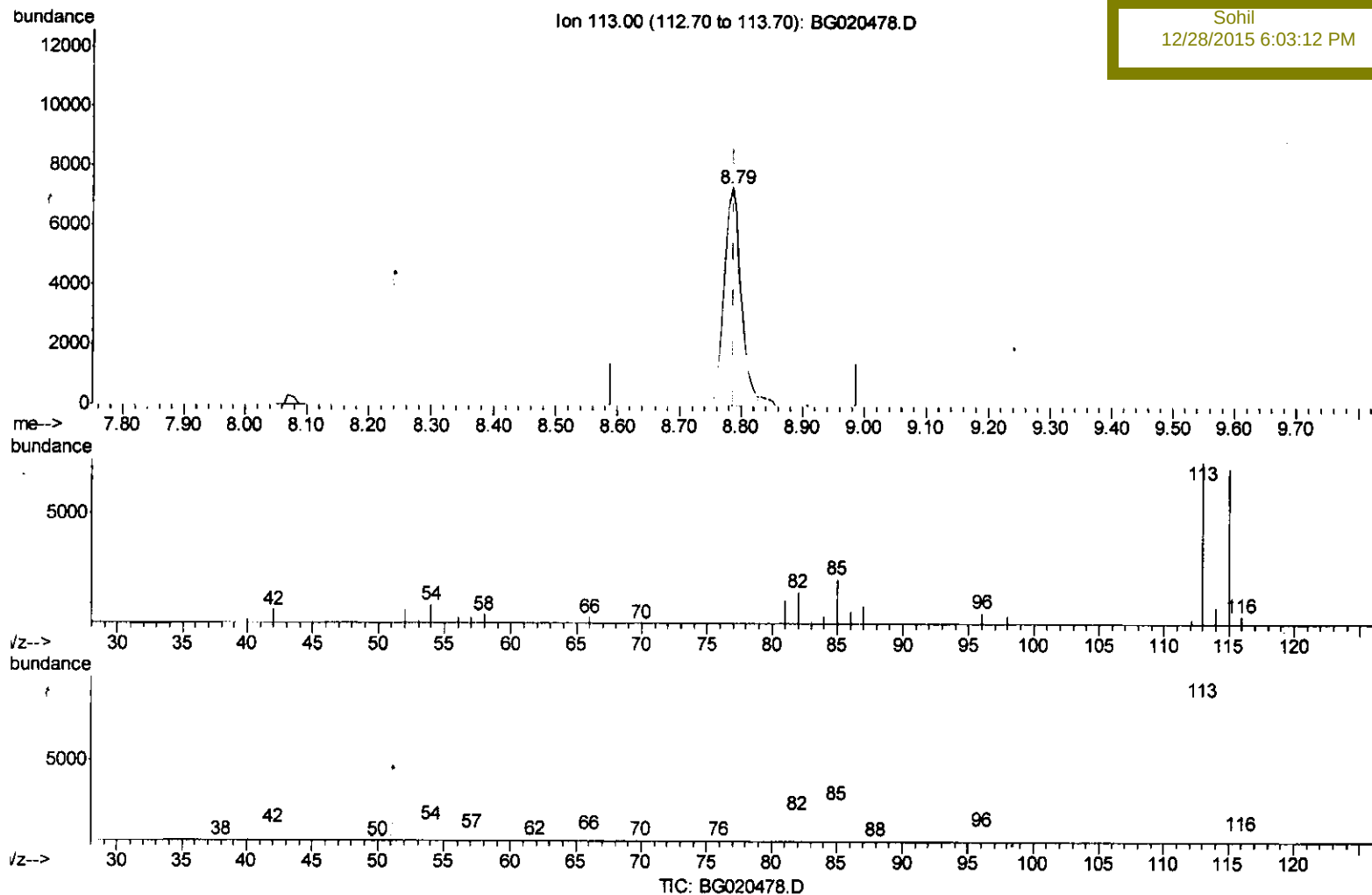
Quant Time: Dec 25 02:22:54 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG122415.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 25 02:19:33 2015  
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C04C0RX

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Ion 113.00 (112.70 to 113.70): BG020478.D



(13) 4-Methylphenol-d8 (S)

8.786min (-0.003) 12.08ng/ul

response 13655

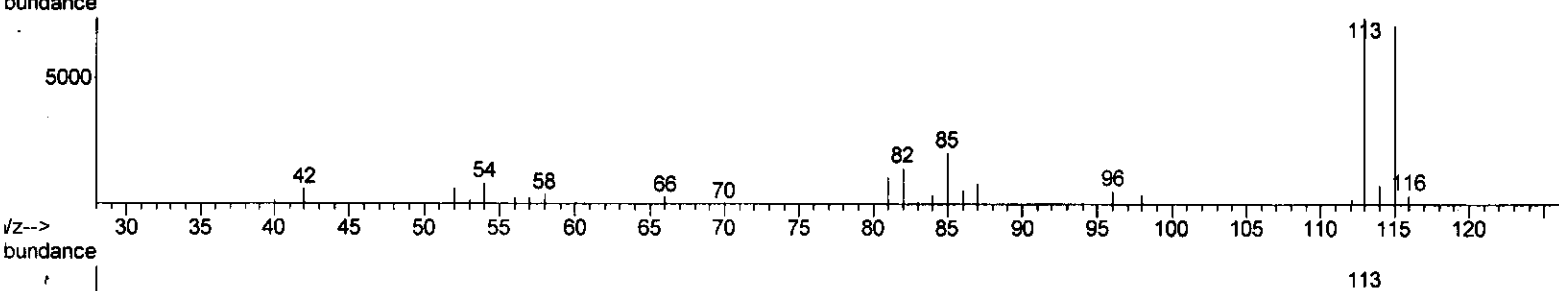
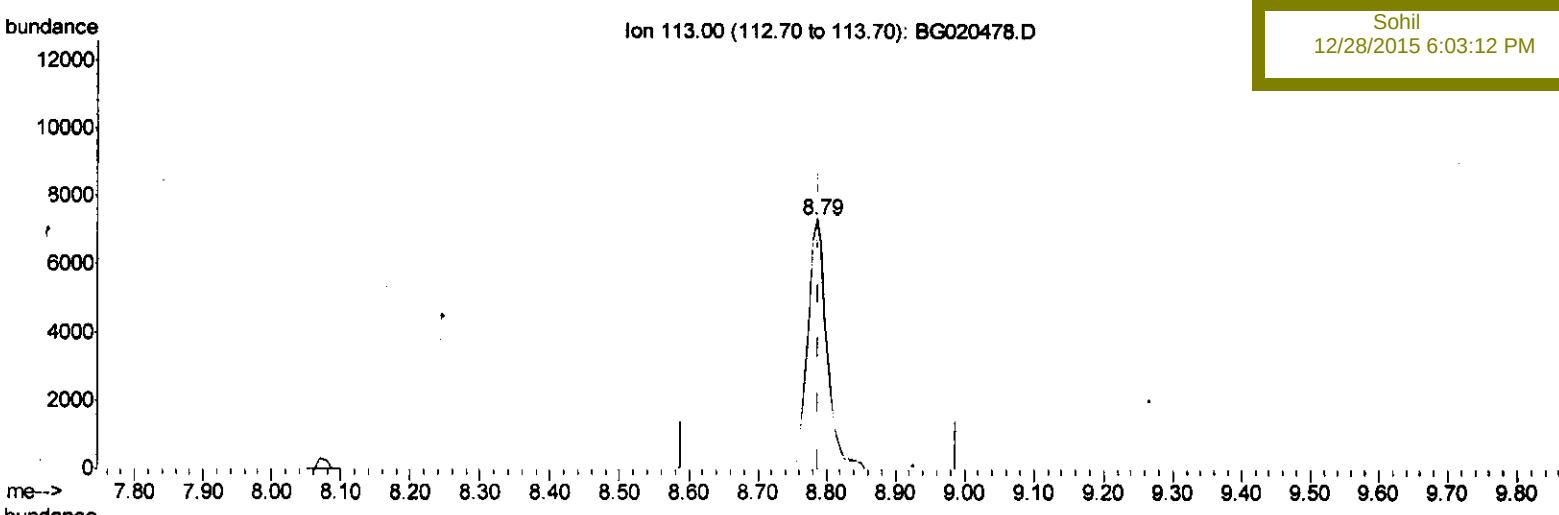
| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 113.00 | 100   | 100   |
| 115.00 | 89.10 | 95.98 |
| 54.00  | 13.00 | 13.34 |
| 0.00   | 0.00  | 0.00  |

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Manual Integrations  
 APPROVED  
 Sohil  
 12/28/2015 6:03:12 PM



(13) 4-Methylphenol-d8 (S)

8.786min (-0.003) 12.38ng/ul m

response 13989

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 113.00 | 100   | 100   |
| 115.00 | 89.10 | 95.98 |
| 54.00  | 13.00 | 13.34 |
| 0.00   | 0.00  | 0.00  |

*U.M*  
*12/25/15*

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Manual Integrations  
 APPROVED

Sohil  
 12/28/2015 6:03:12 PM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 16740    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.90 | 136  | 68469    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.71 | 164  | 46870    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.46 | 188  | 121220   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.73 | 240  | 164300   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.99 | 264  | 159590   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.46  | 96  | 238    | 0.78  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.23  | 99  | 7060   | 5.26  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.40  | 67  | 17960  | 22.57 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.60  | 132 | 20301  | 19.70 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.79  | 113 | 13989m | 22.38 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.24  | 128 | 12255  | 22.83 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.97  | 143 | 14264  | 23.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.51 | 165 | 25531  | 21.62 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0      | 0.00  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.11 | 166 | 93629  | 24.24 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.40 | 160 | 100576 | 22.47 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.91 | 143 | 2399   | 3.72  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.70 | 176 | 78486  | 22.47 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.82 | 200 | 15074  | 18.76 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.55 | 188 | 128728 | 22.67 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.84 | 212 | 166538 | 23.41 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.76 | 264 | 174345 | 21.61 | ng/ul | 0.00 |

U.M  
 12/25/15

| Target Compounds      | R.T.  | QIon | Response | Conc | Units | Qvalue |
|-----------------------|-------|------|----------|------|-------|--------|
| 45) Dimethylphthalate | 14.16 | 163  | 17598    | 4.48 | ng/ul | 98     |

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