

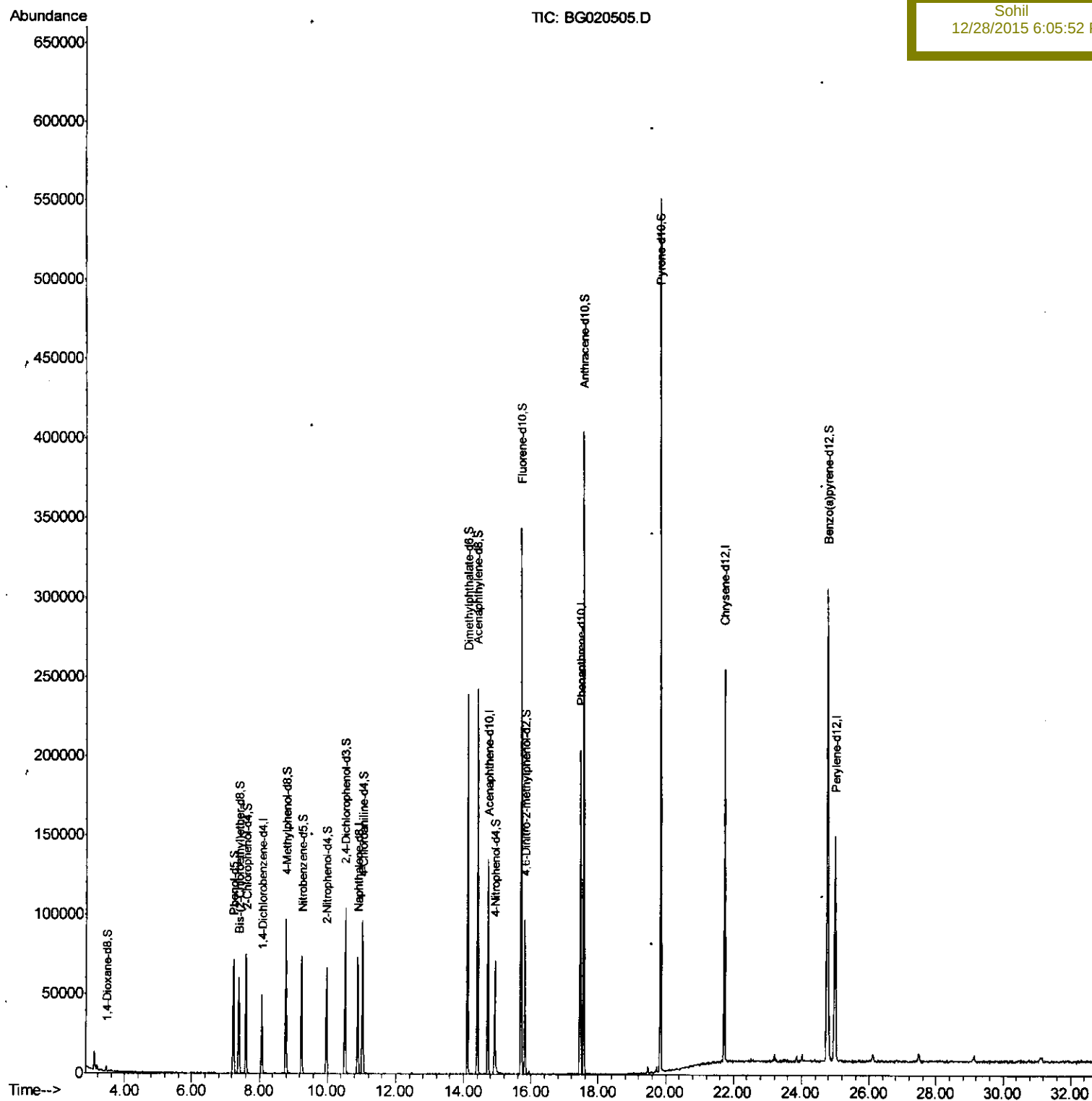
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG122515\  
Data File : BG020505.D  
Acq On : 25 Dec 2015 15:09  
Operator : UM/SJ  
Sample : PB87377BL  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Dec 26 00:59:35 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG122415.M  
Quant Title : SVOA CALIBRATION  
Last Update : Sat Dec 26 00:23:26 2015  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK77

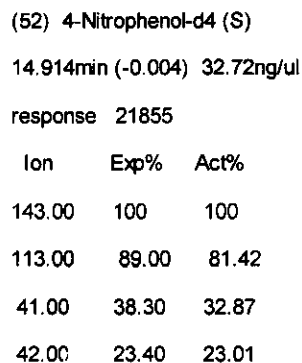
Manual Integrations  
APPROVED

Sohil  
12/28/2015 6:05:52 PM



Quant Time: Dec 26 00:27:24 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG122415.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Dec 26 00:23:26 2015  
Response via : Initial Calibration

Sohil  
12/28/2015 6:05:52 PM



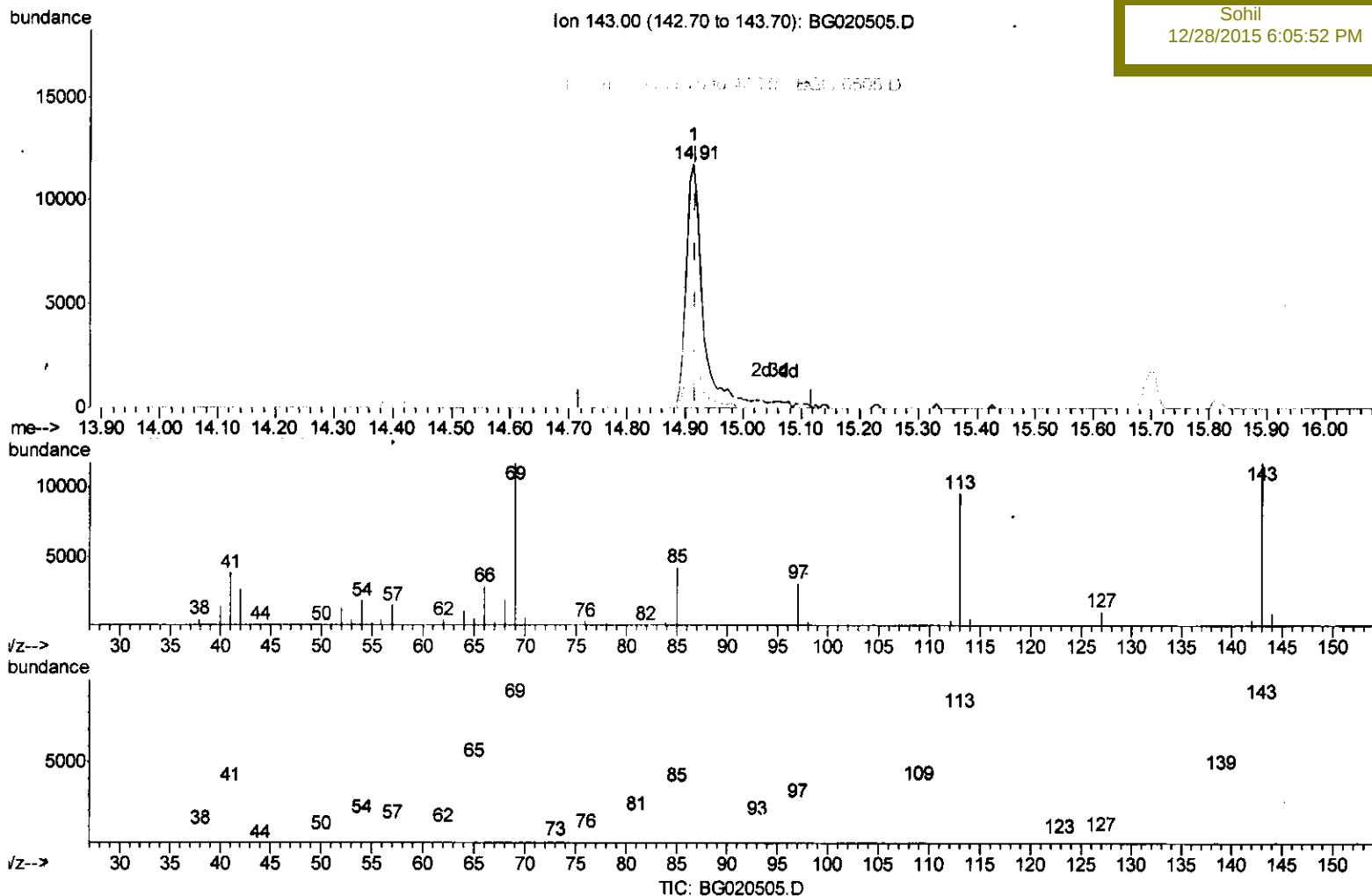
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG122515\  
 Data File : BG020505.D  
 Acq On : 25 Dec 2015 15:09  
 Operator : UM/SJ  
 Sample : PB87377BL  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Quant Time: Dec 26 00:27:24 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG122415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Dec 26,00:23:26 2015  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampled :  
 SBLK77

Manual Integrations  
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(52) 4-Nitrophenol-d4 (S)

14.914min (-0.004) 35.57ng/ul m

response 23755

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 89.00 | 81.42 |
| 41.00  | 38.30 | 32.87 |
| 42.00  | 23.40 | 23.01 |

U.M  
 12/26/15

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Misc :  
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Instrument :  
BNA\_G  
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Manual Integrations  
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12/28/2015 6:05:52 PM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 15007    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.90 | 136  | 65636    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.71 | 164  | 48606    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.45 | 188  | 132899   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.72 | 240  | 171550   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.99 | 264  | 162711   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.45  | 96  | 2126   | 7.81  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.23  | 99  | 45510  | 37.80 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.39  | 67  | 28880  | 40.48 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.61  | 132 | 36922  | 39.97 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.79  | 113 | 40118  | 39.59 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.24  | 128 | 19839  | 38.56 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.97  | 143 | 23309  | 39.85 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.51 | 165 | 42897  | 37.89 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.03 | 131 | 57756  | 44.65 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.11 | 166 | 166484 | 41.56 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.40 | 160 | 183197 | 39.47 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.91 | 143 | 23755m | 35.57 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.70 | 176 | 143823 | 39.70 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.81 | 200 | 26317  | 29.88 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.55 | 188 | 253618 | 40.74 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.84 | 212 | 309121 | 41.62 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.77 | 264 | 342618 | 41.65 | ng/ul | 0.00 |

U.M  
12/26/15

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

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