

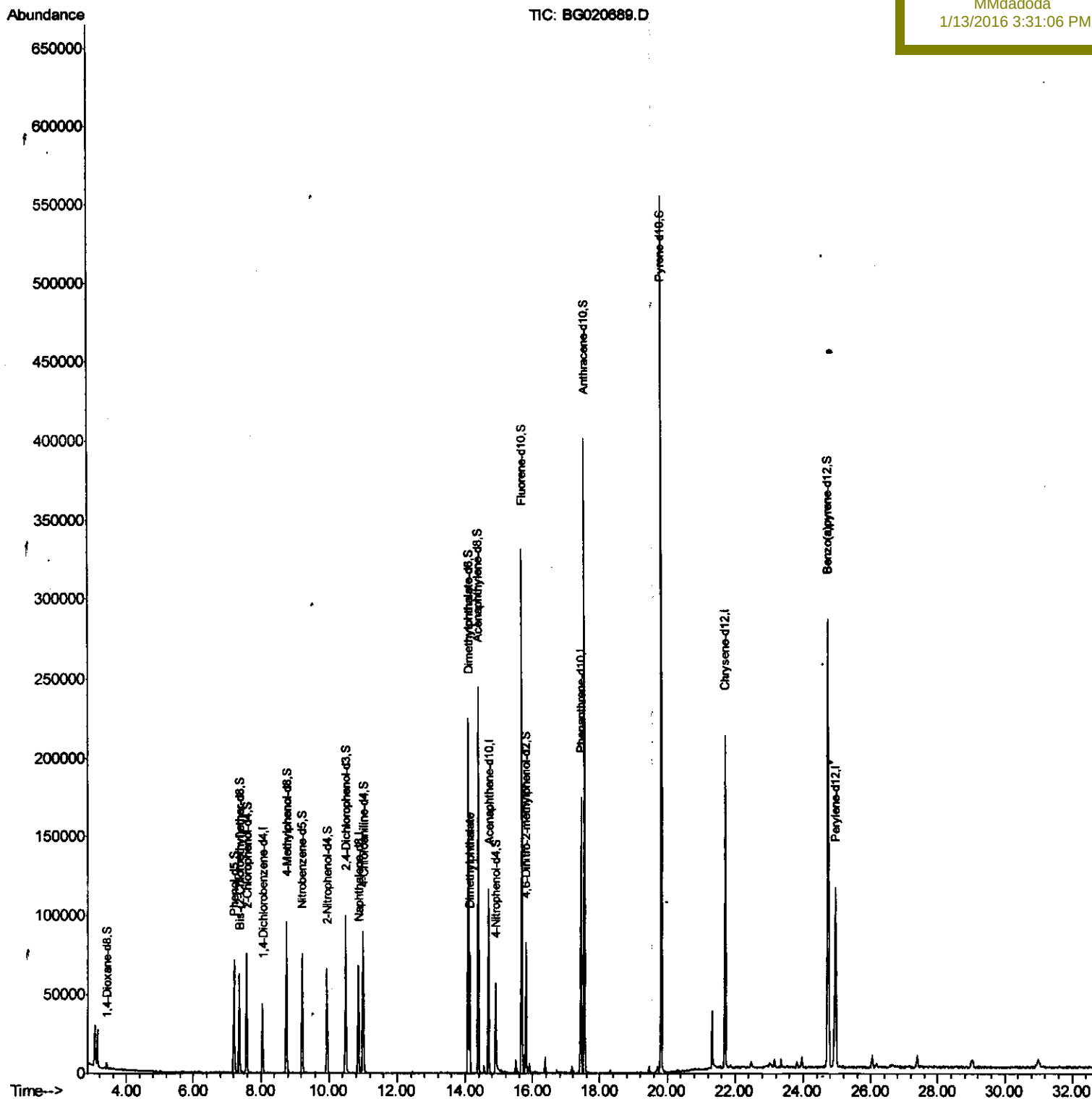
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG011216\  
Data File : BG020689.D  
Acq On : 12 Jan 2016 22:25  
Operator : SJ/IZ  
Sample : H1094-13  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 13 03:48:23 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011216.M  
Quant Title : SVOA CALIBRATION  
Qlast Update : Wed Jan 13 02:39:33 2016  
Response via : Initial Calibration

Instrument :  
BNA\_G  
Client Sampled :  
BC9F9

Manual Integrations  
APPROVED

MMdadoda  
1/13/2016 3:31:06 PM

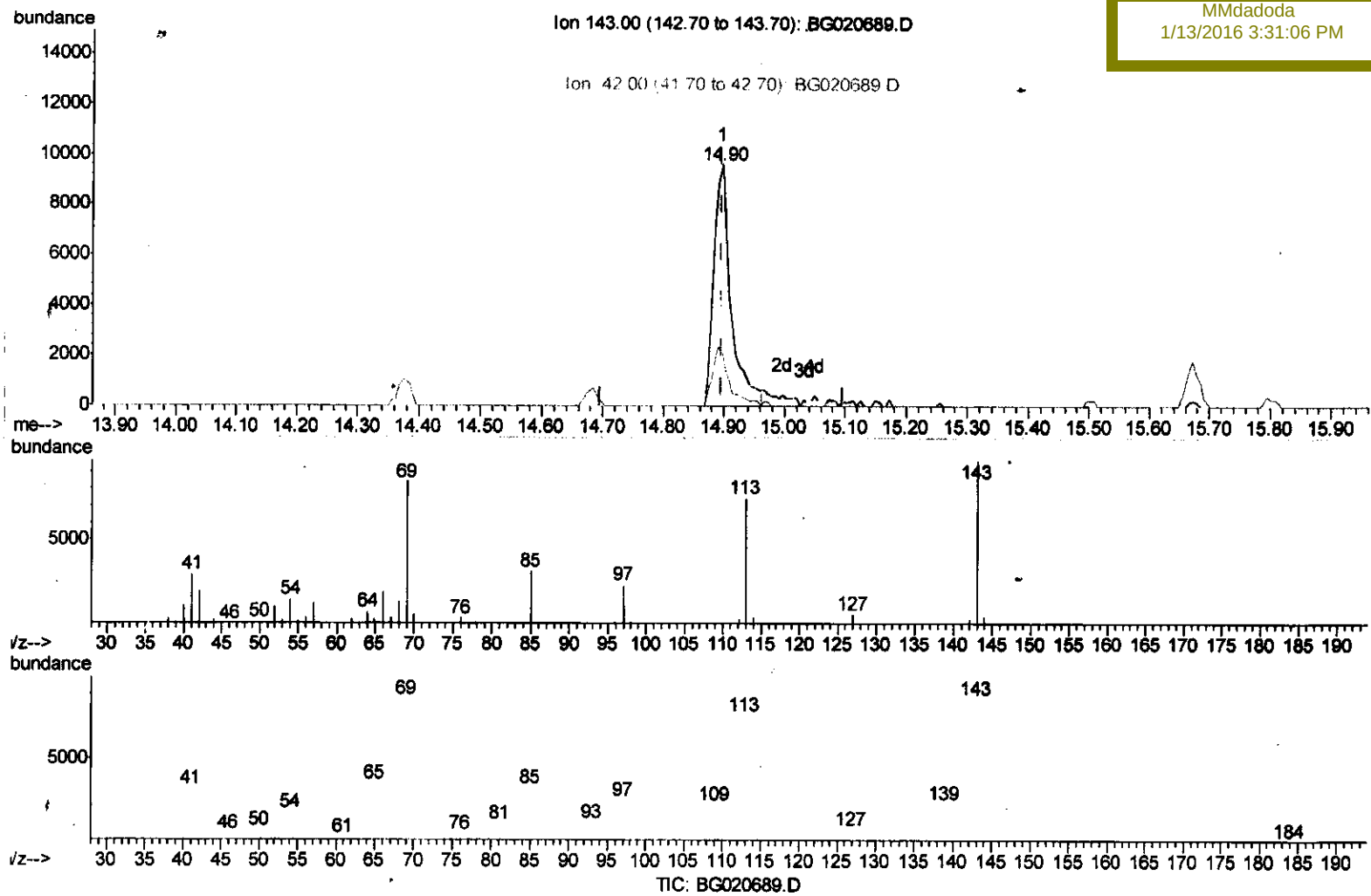


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 ClientSampleId :  
 BC9F9

Manual Integrations  
 APPROVED  
 MMdadoda  
 1/13/2016 3:31:06 PM



(52) 4-Nitrophenol-d4 (S)

14.897min (+0.000) 37.89ng/ui

response 19138

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 77.10 | 77.08 |
| 41.00  | 32.60 | 30.67 |
| 42.00  | 22.30 | 21.28 |

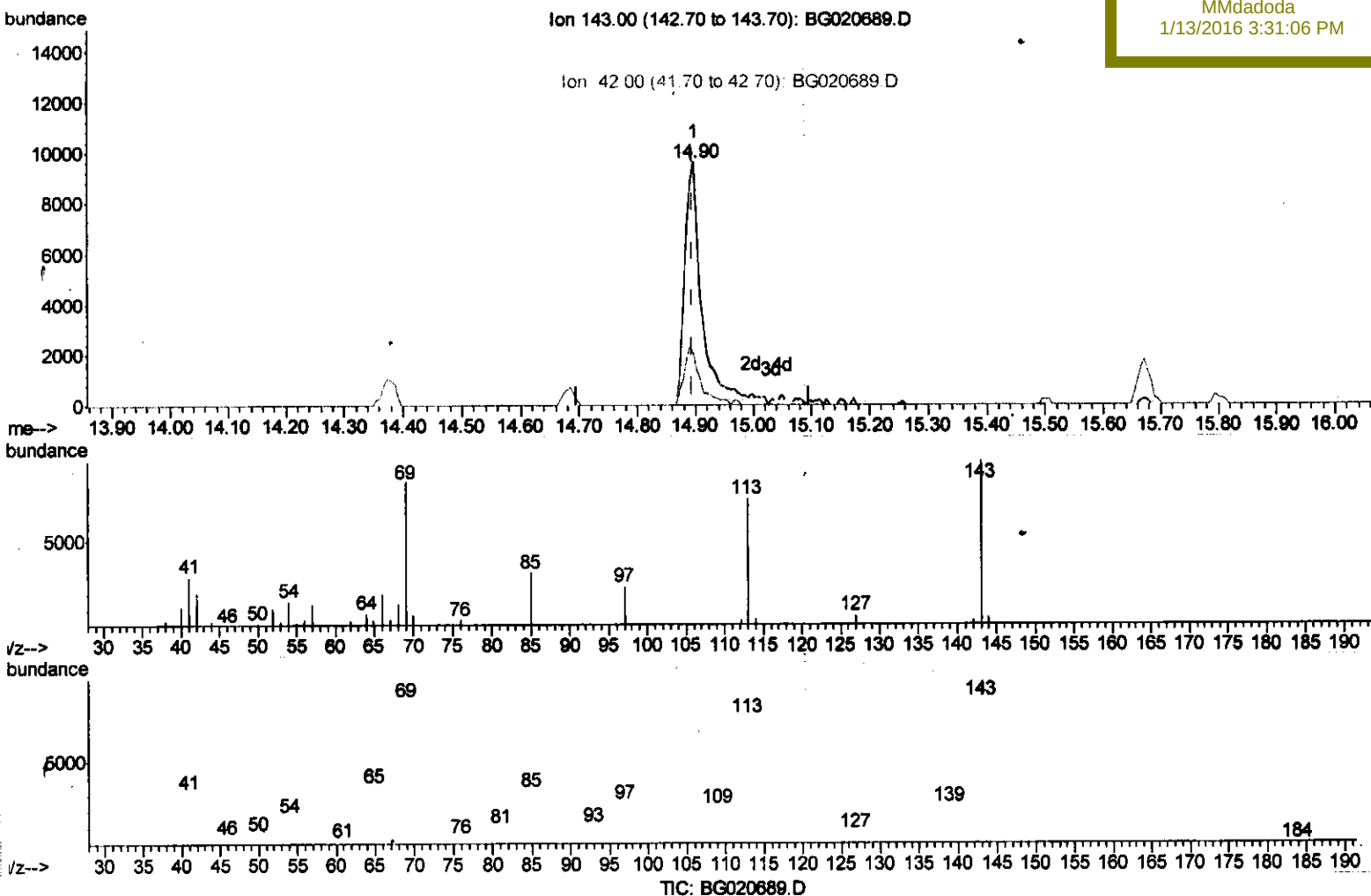
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 BNA\_G  
 ClientSampleId :  
 BC9F9

Manual Integrations  
 APPROVED

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 1/13/2016 3:31:06 PM



(52) 4-Nitrophenol-d4 (S)

14.897min (+0.000) 41.58ng/ul m

response 21002

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 77.10 | 77.08 |
| 41.00  | 32.60 | 30.67 |
| 42.00  | 22.30 | 21.28 |

S. J  
 01/13/16

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG011216\  
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 Sample : H1094-13  
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 ALS Vial : 18 Sample Multiplier: 1

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 BC9F9

Manual Integrations  
 APPROVED

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 13814    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.86 | 136  | 58807    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.68 | 164  | 43104    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.43 | 188  | 112119   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.70 | 240  | 140828   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.95 | 264  | 131089   | 20.00 | ng/ul | -0.02    |

System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.40  | 96  | 2087   | 7.38  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.21  | 99  | 46147  | 38.99 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.36  | 67  | 31041  | 43.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.58  | 132 | 38480  | 41.44 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.76  | 113 | 40817  | 40.88 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.21  | 128 | 20433  | 44.04 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.94  | 143 | 24454  | 45.36 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.48 | 165 | 42261  | 41.18 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.00 | 131 | 56010  | 55.14 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.09 | 166 | 163543 | 43.48 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.38 | 160 | 183444 | 43.43 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.90 | 143 | 21002m | 41.58 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.67 | 176 | 144076 | 42.97 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 22813  | 37.41 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.53 | 188 | 245604 | 44.69 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.81 | 212 | 306327 | 45.72 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.73 | 264 | 323155 | 46.25 | ng/ul | 0.00 |

| Target Compounds      | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|-----------------------|-------|------|----------|-------|-------|--------|
| 45) Dimethylphthalate | 14.13 | 163  | 52305    | 12.94 | ng/ul | 100    |

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

S-J  
 01/13/16