

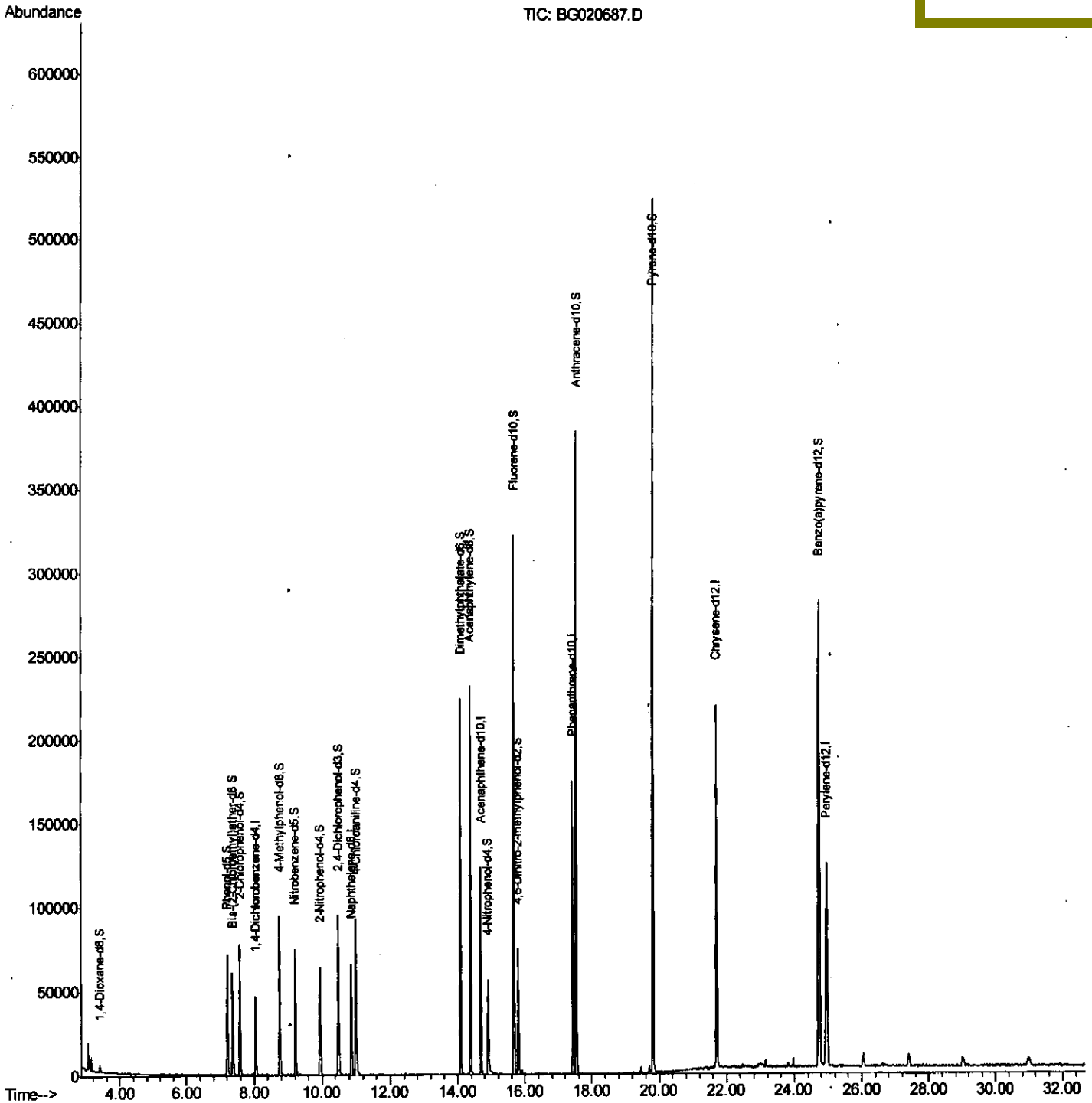
Data Path : Z:\HPCHEM1\BNA G\Data\BG011216\  
Data File : BG020687.D  
Acq On : 12 Jan 2016 21:06  
Operator : SJ/IZ  
Sample : PB87776BL  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
SBLK76

Quant Time: Jan 13 03:35:35 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

Manual Integrations  
APPROVED

MMdadoda  
1/13/2016 3:32:08 PM



# Quantitation Report (Qedit)

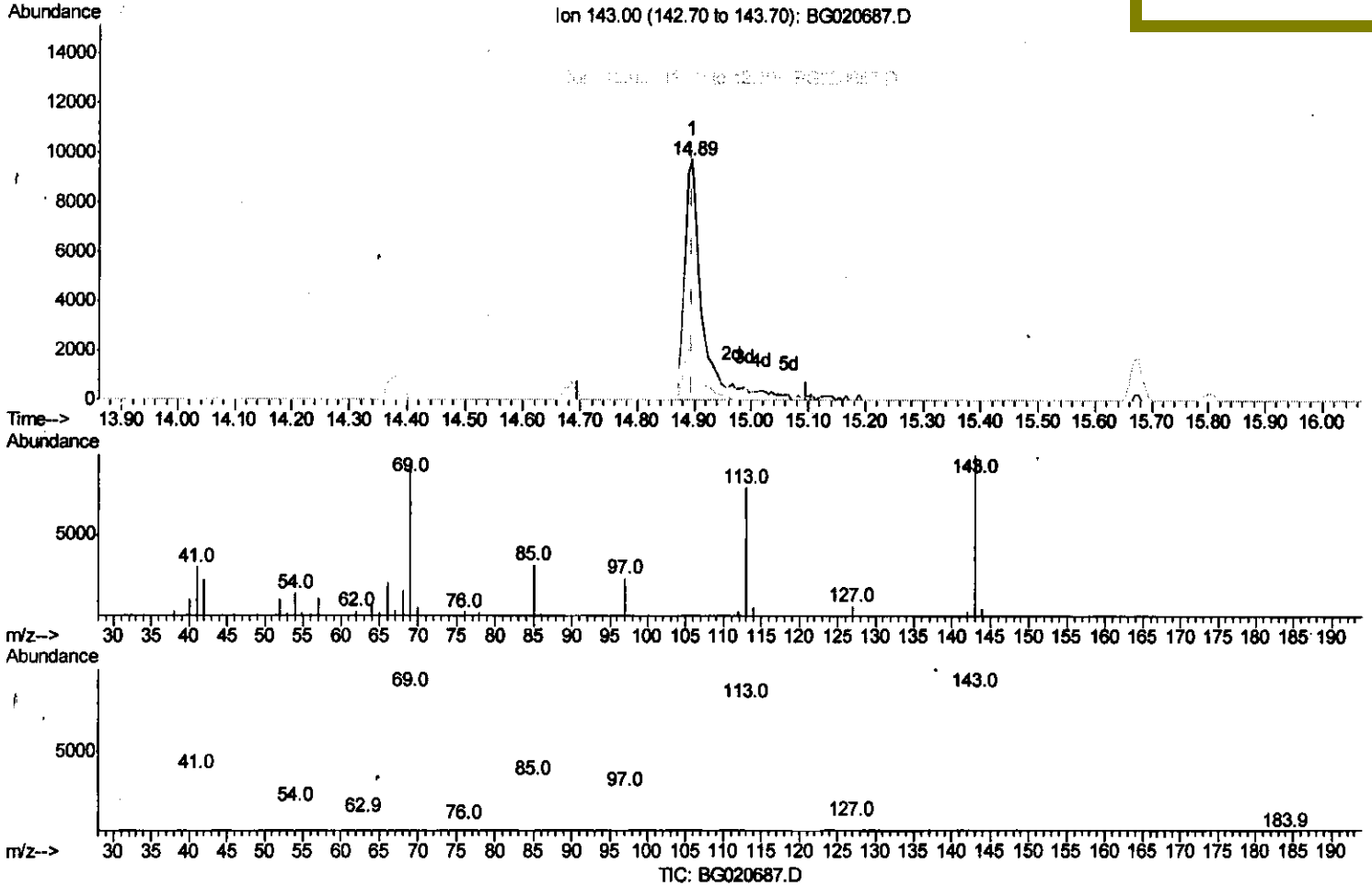
Data Path : Z:\HPCHEM1\BNA G\Data\BG011216\  
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(52) 4-Nitrophenol-d4 (S)

14.895min (-0.001) 41.61ng/ul m

response 21573

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 77.10 | 80.32 |
| 41.00  | 32.60 | 31.77 |
| 42.00  | 22.30 | 24.10 |

*SJ*  
*01/16/16*

# Quantitation Report (Qedit)

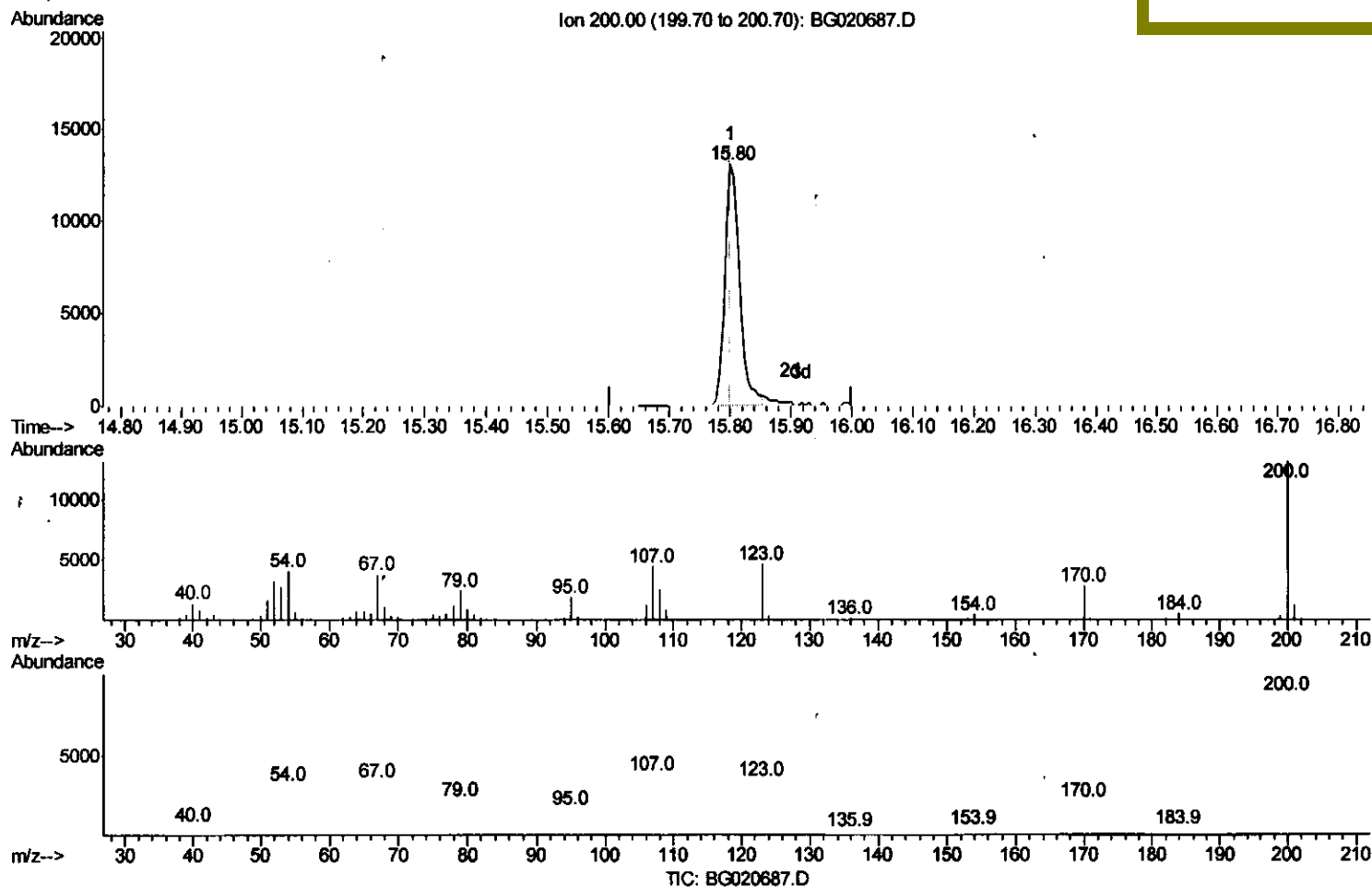
Data Path : Z:\HPCHEM1\BNA G\Data\BG011216\  
 Data File : BG020687.D  
 Acq On : 12 Jan 2016 21:06  
 Operator : SJ/I2  
 Sample : PB87776BL  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK76

Quant Time: Jan 16 00:18:45 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 15 22:12:27 2016  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

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 1/13/2016 3:32:08 PM



(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.800min (-0.002) 34.20ng/ul

response 22054

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 17.70 | 21.90# |
| 52.00  | 31.50 | 25.04# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

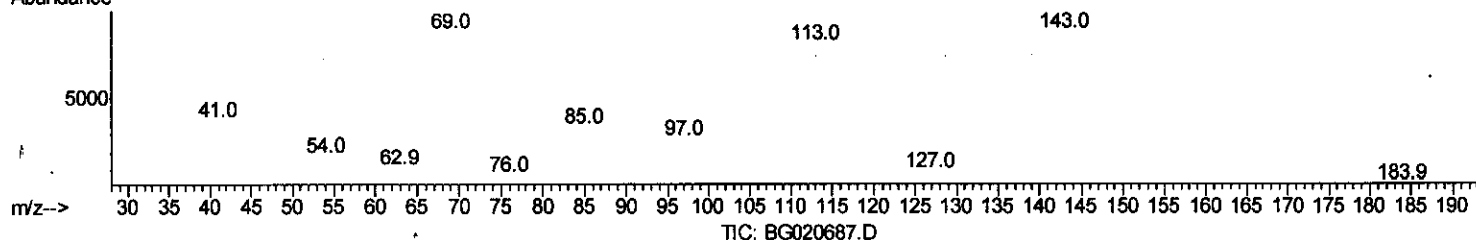
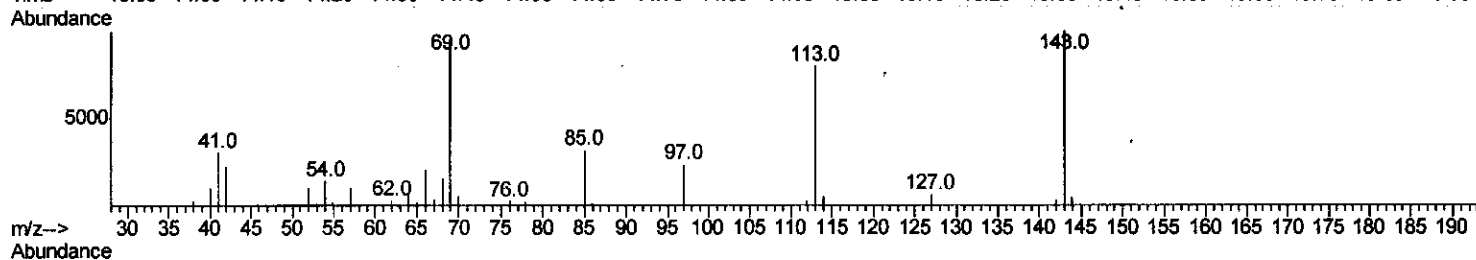
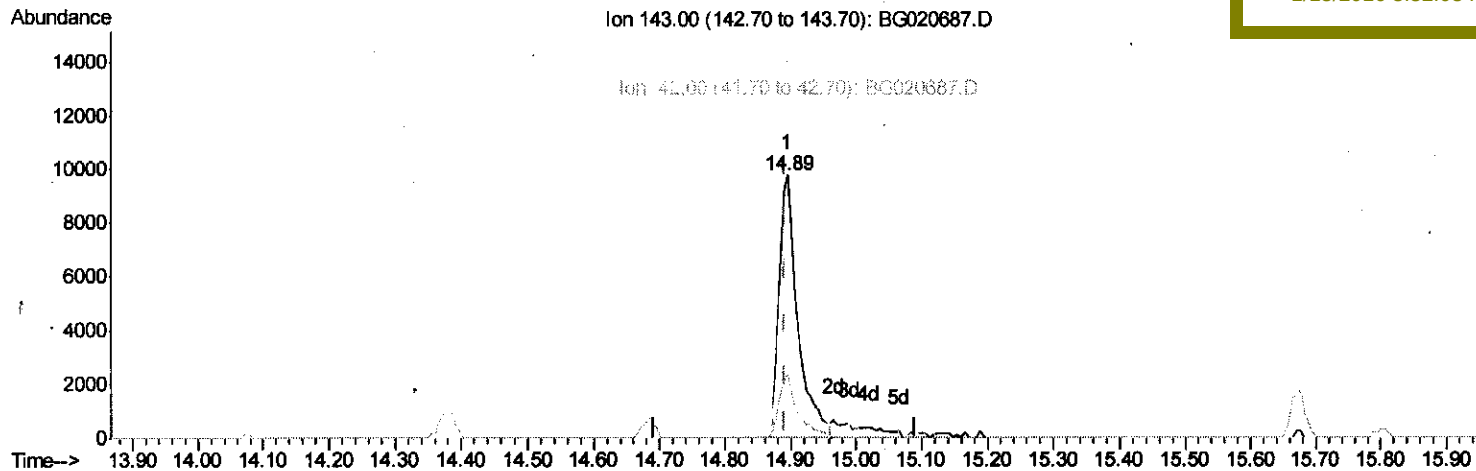
Data Path : Z:\HPCHEM1\BNA G\Data\BG011216\  
 Data File : BG020687.D  
 Acq On : 12 Jan 2016 21:06  
 Operator : SJ/IZ  
 Sample : PB87776BL  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 SBLK76

Quant Time: Jan 16 00:18:45 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 15 22:12:27 2016  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

MMdadoda  
 1/13/2016 3:32:08 PM



(52) 4-Nitrophenol-d4 (S)

14.895min (+0.004) 37.12ng/ul

response 19249

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 77.10 | 80.32 |
| 41.00  | 32.60 | 31.77 |
| 42.00  | 22.30 | 24.10 |

# Quantitation Report (Qedit)

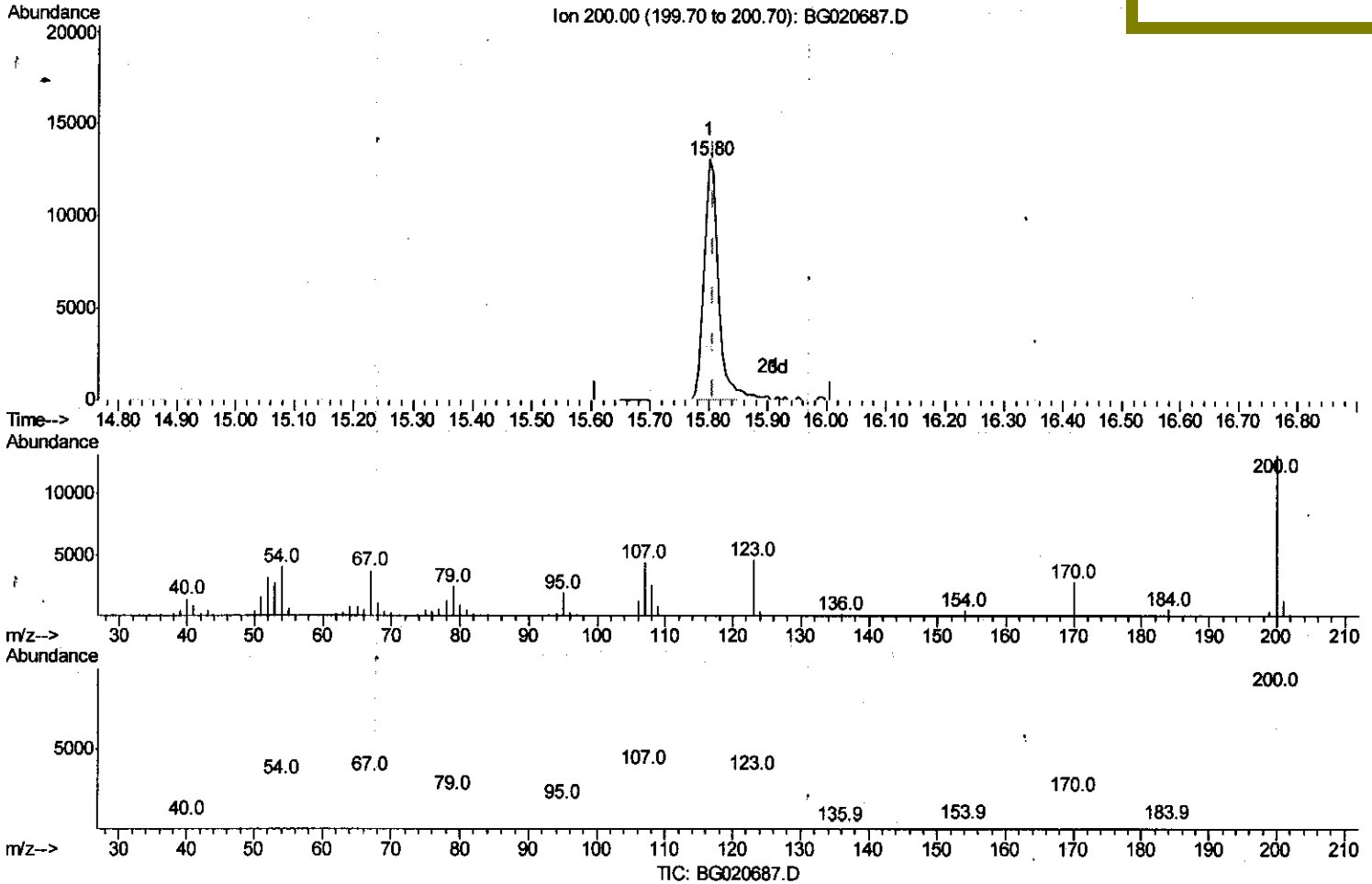
Data Path : Z:\HPCHEM1\BNA G\Data\BG011216\  
 Data File : BG020687.D  
 Acq On : 12 Jan 2016 21:06  
 Operator : SJ/IZ  
 Sample : PB87776BL  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK76

Quant Time: Jan 13 03:35:35 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

Manual Integrations  
 APPROVED

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(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.800min (-0.007) 35.35ng/ul m

response 22795

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 17.70 | 21.90# |
| 52.00  | 31.50 | 25.04# |
| 0.00   | 0.00  | 0.00   |

*5.1*  
*01/16/16*

Data Path : Z:\HPCHEM1\BNA G\Data\BG011216\  
 Data File : BG020687.D  
 Acq On : 12 Jan 2016 21:06  
 Operator : SJ/IZ  
 Sample : PB87776BL  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK76

Quant Time: Jan 13 03:35:35 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  
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Manual Integrations  
 APPROVED

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 1/13/2016 3:32:08 PM

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.04  | 152  | 14292    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8             | 10.86 | 136  | 60584    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10           | 14.68 | 164  | 44246    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10           | 17.43 | 188  | 118564   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12               | 21.70 | 240  | 148815   | 20.00 | ng/ul | -0.00    |
| 86) Perylene-d12               | 24.95 | 264  | 141674   | 20.00 | ng/ul | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 3) 1,4-Dioxane-d8              | 3.40  | 96   | 2401     | 8.21  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.20  | 99   | 46161    | 37.70 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.36  | 67   | 30414    | 41.29 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.57  | 132  | 38719    | 40.30 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.76  | 113  | 39814    | 38.54 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.21  | 128  | 20451    | 42.79 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.94  | 143  | 22720    | 40.91 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.48 | 165  | 39552    | 37.41 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.00 | 131  | 56786    | 54.26 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 14.08 | 166  | 158498   | 41.05 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.38 | 160  | 173743   | 40.07 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.89 | 143  | 21573m   | 41.61 | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.68 | 176  | 138942   | 40.37 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.80 | 200  | 22795m   | 35.35 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.53 | 188  | 246189   | 42.36 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.82 | 212  | 303740   | 42.90 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 24.73 | 264  | 318368   | 42.16 | ng/ul | 0.00     |

Target Compounds Ovalue

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