

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\  
Data File : BM014334.D  
Acq On : 23 Feb 2018 17:08  
Operator : SJ/JU  
Sample : J1631-18  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 23 23:48:46 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 23 23:12:42 2018  
Response via : Initial Calibration

Instrument :

BNA\_M

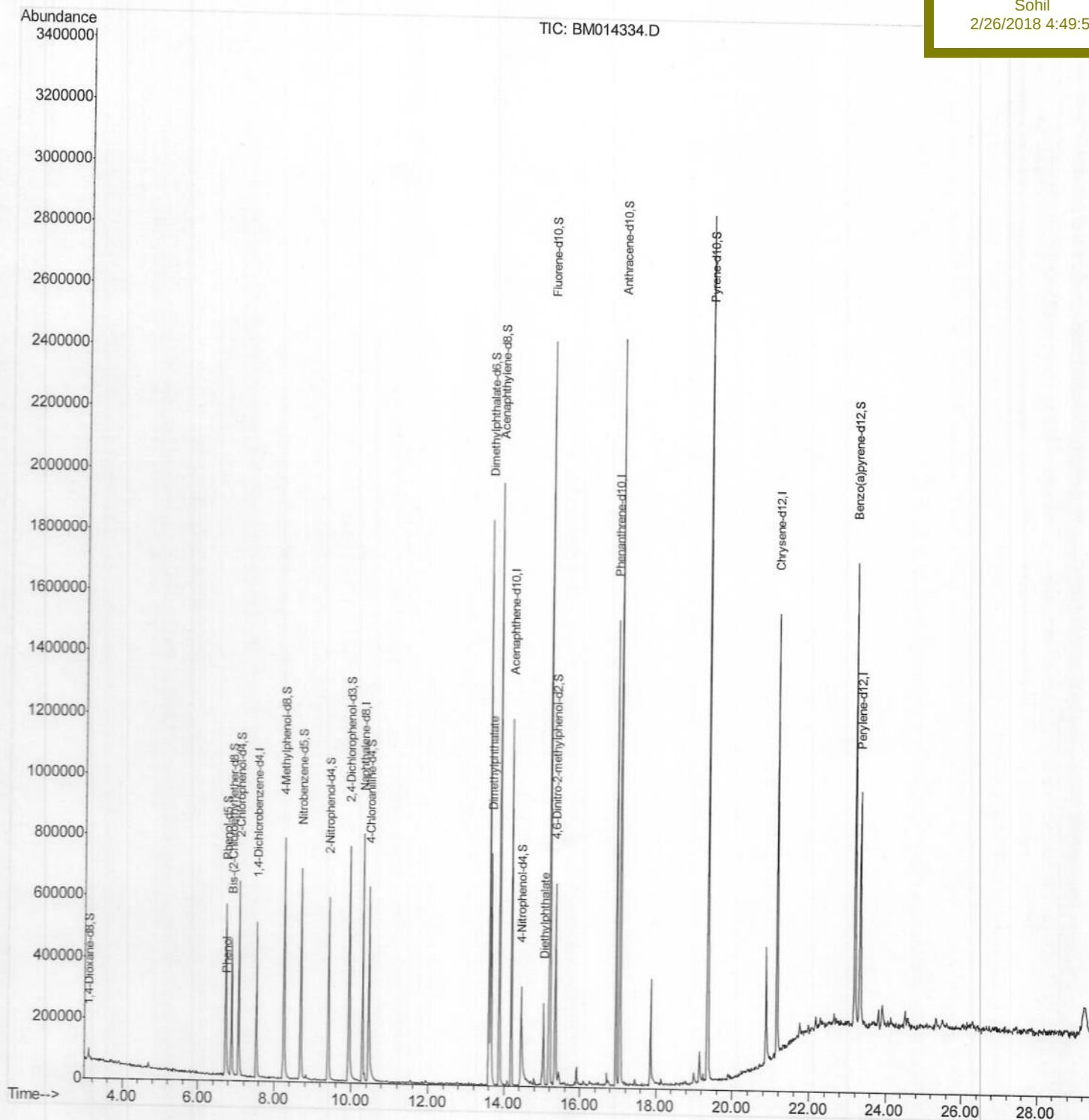
Client Sampled :

BE606

Manual Integrations  
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SOM-EPA-BM021418.M Fri Feb 23 23:51:17 2018

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\  
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Acq On : 23 Feb 2018 17:08  
Operator : SJ/JU  
Sample : J1631-18  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 23 23:18:19 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 23 23:12:42 2018  
Response via : Initial Calibration

Instrument :

BNA\_M

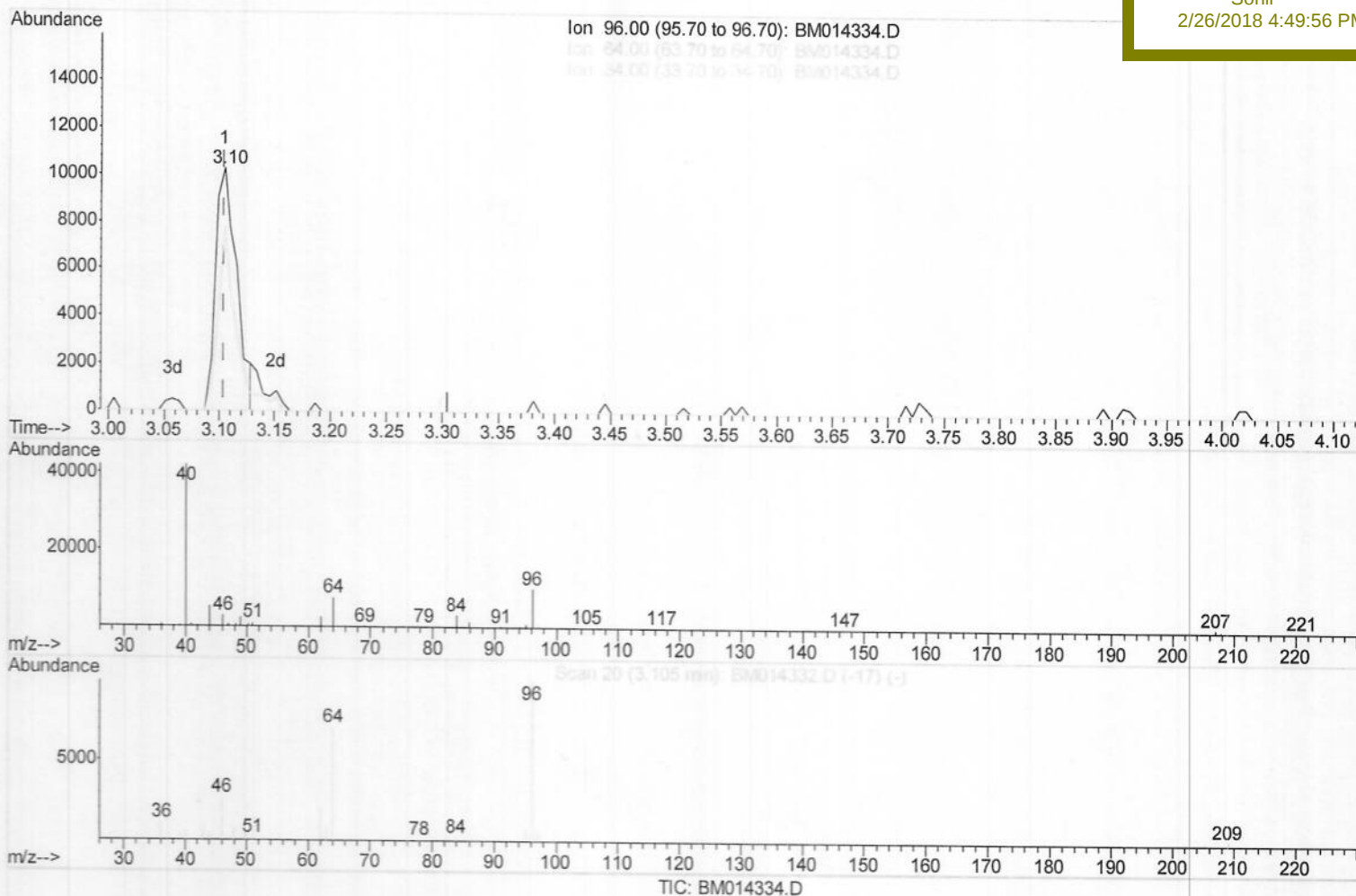
ClientSampleId :

BE606

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(3) 1,4-Dioxane-d8 (S)

3.104min (-0.000) 4.76ng/uL

response 13986

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 63.21 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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Instrument :

BNA\_M

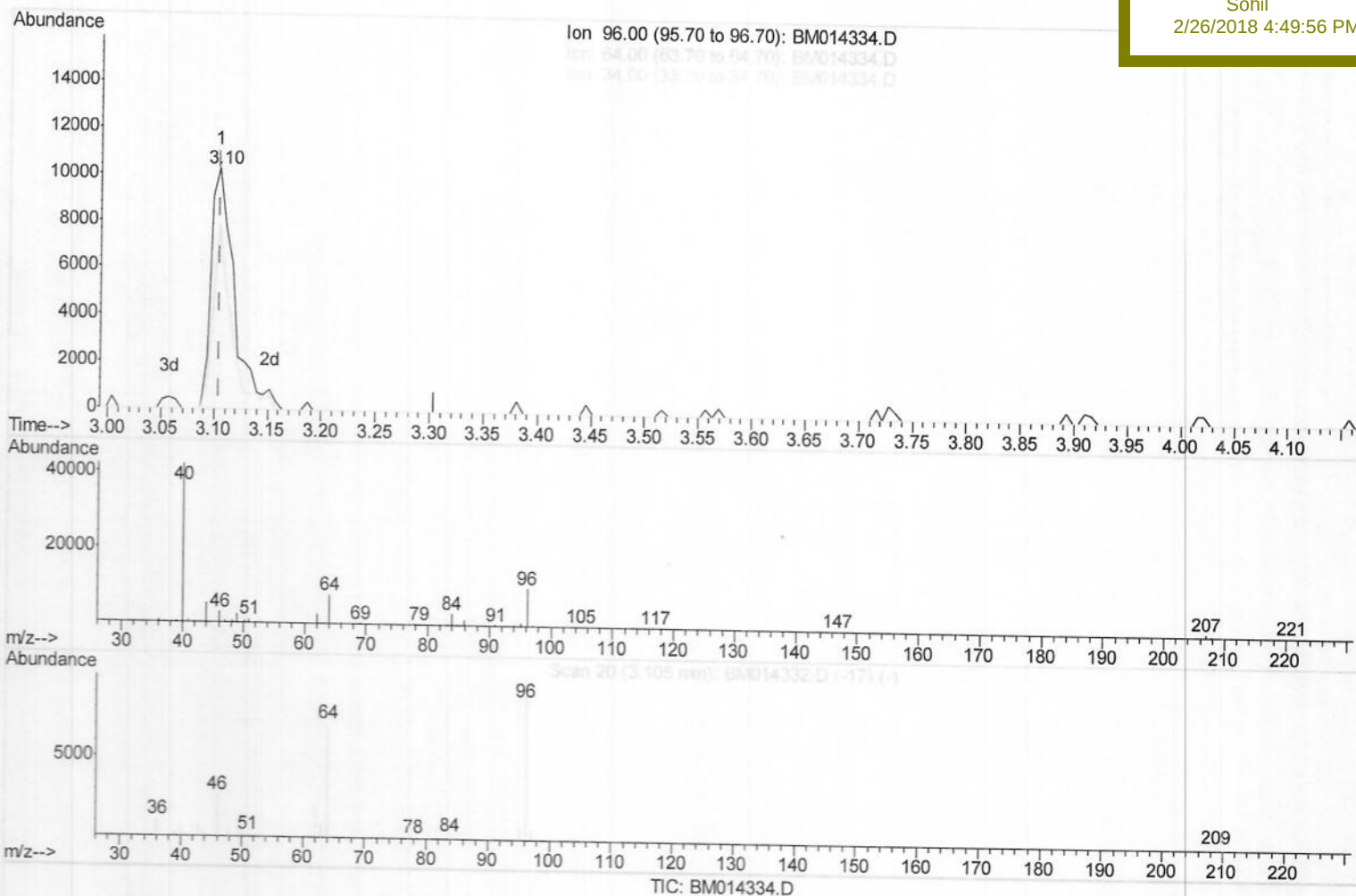
ClientSampleId :

BE606

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(3) 1,4-Dioxane-d8 (S)

3.104min (-0.000) 5.26ng/uL m

response 15449

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 96.00 | 100   | 100    |
| 64.00 | 74.90 | 57.23# |
| 34.00 | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

→ SJ  
03/08/18

# Quantitation Report (Qedit)

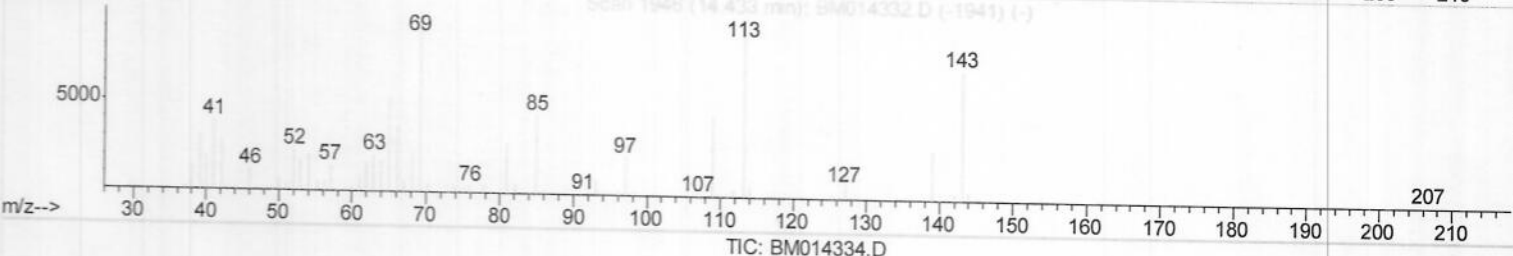
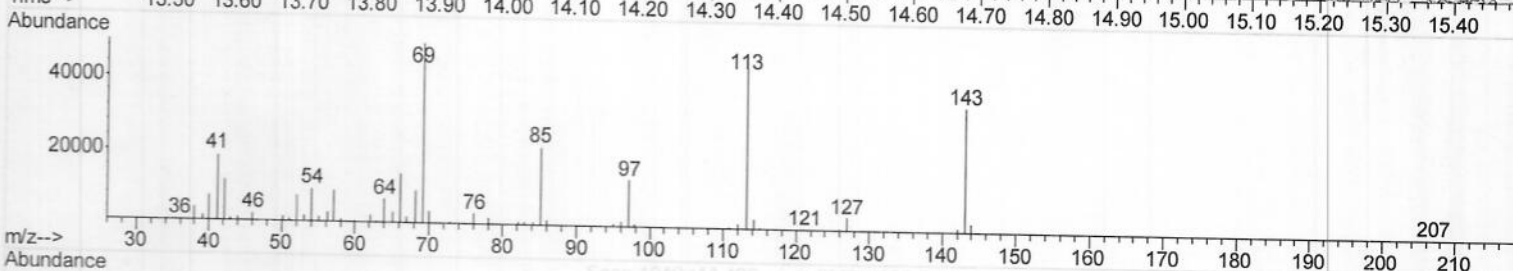
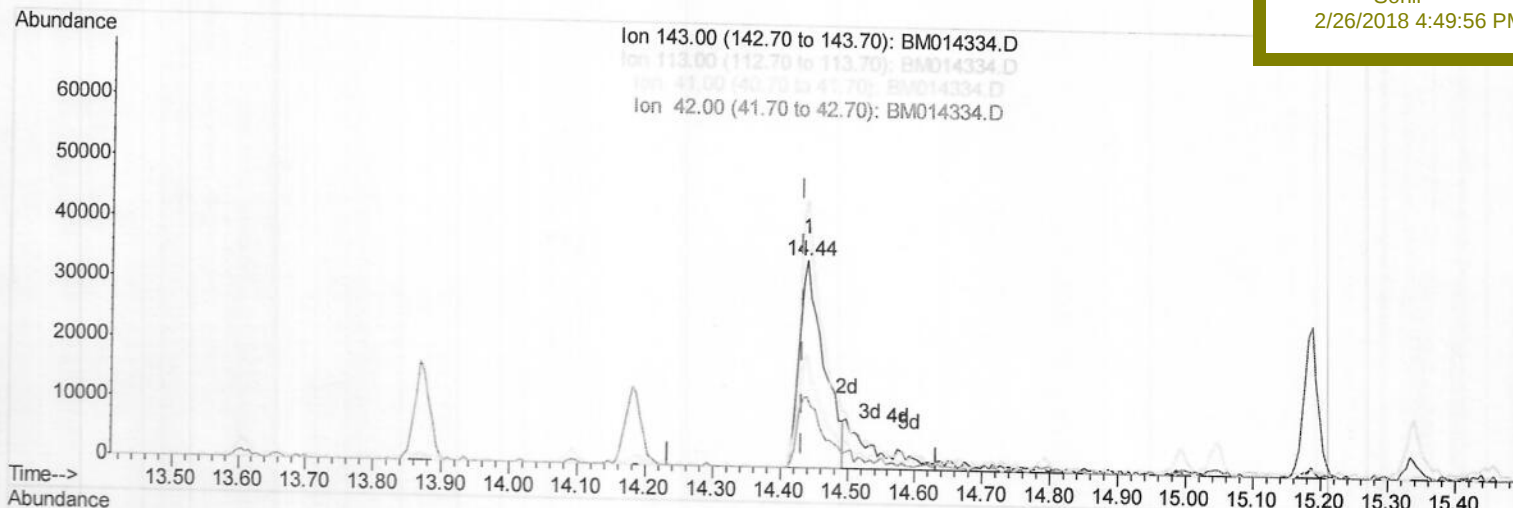
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Quant Time: Feb 23 23:46:34 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 23 23:12:42 2018  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BE606

Manual Integrations  
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(51) 4-Nitrophenol-d4 (S)

14.439min (+0.006) 21.87ng/ul

response 87403

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 128.85 |
| 41.00  | 34.80  | 53.68# |
| 42.00  | 20.50  | 34.14# |

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BNA\_M

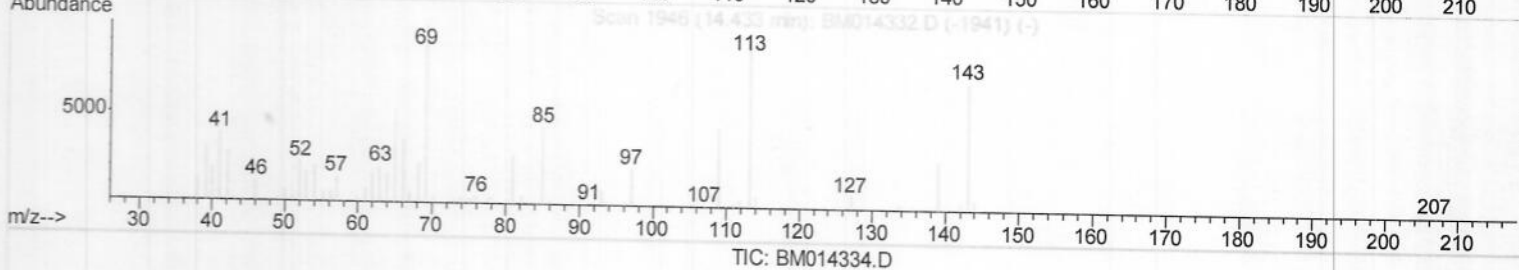
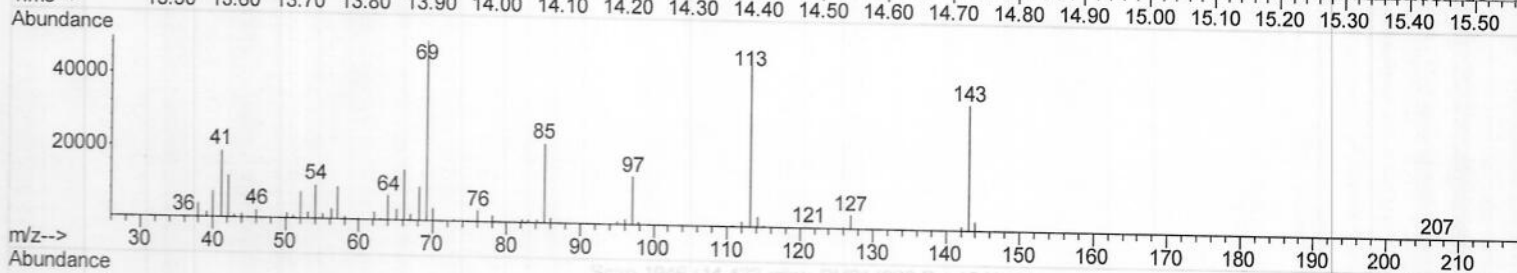
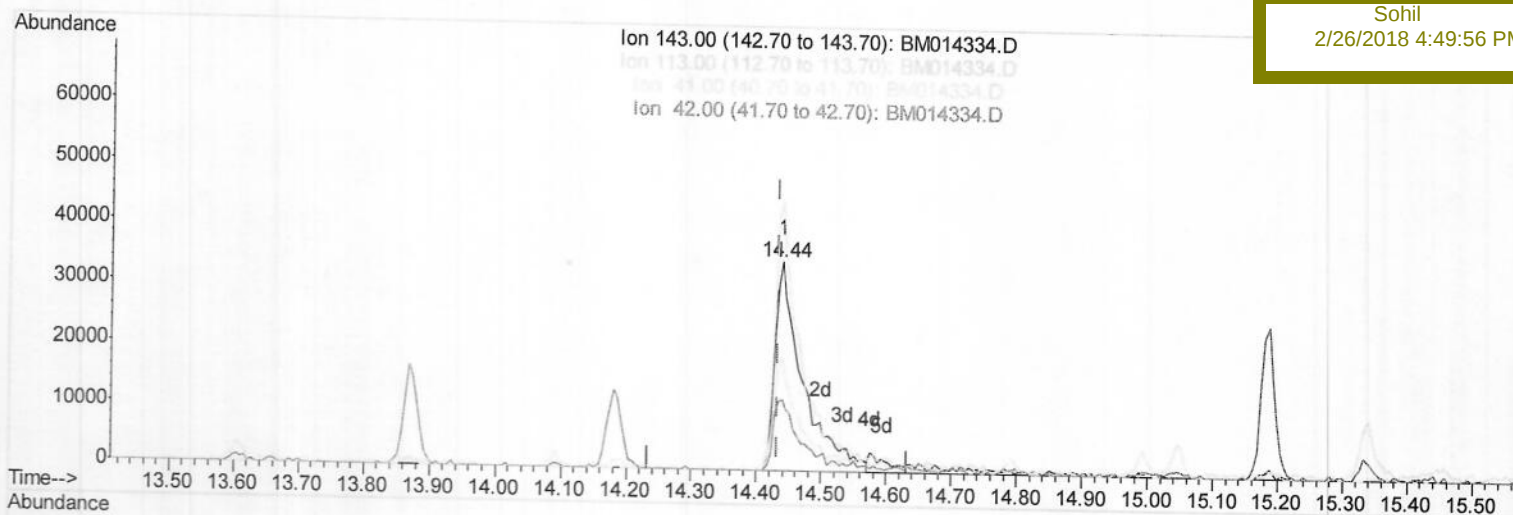
ClientSampleId :

BE606

Manual Integrations  
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(51) 4-Nitrophenol-d4 (S)

14.439min (+0.006) 26.30ng/ul m →

response 105116

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 128.85 |
| 41.00  | 34.80  | 53.68# |
| 42.00  | 20.50  | 34.14# |

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 03/08/18

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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.53  | 152  | 125744   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.29 | 136  | 575125   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.18 | 164  | 350518   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.94 | 188  | 786038   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.15 | 240  | 681491   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.32 | 264  | 538140   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.10  | 96  | 15449m  | 5.26  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.72  | 99  | 304779  | 28.68 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.87  | 67  | 195528  | 30.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.06  | 132 | 246878  | 30.29 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.25  | 113 | 276492  | 29.73 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.69  | 128 | 134897  | 31.74 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.40  | 143 | 147608  | 33.56 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.93  | 165 | 252284  | 27.69 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.45 | 131 | 346394  | 38.59 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.60 | 166 | 1037448 | 35.84 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.87 | 160 | 1265115 | 35.44 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.44 | 143 | 105116m | 26.30 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.19 | 176 | 876879  | 33.81 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 126212  | 26.77 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.04 | 188 | 1294076 | 34.12 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.34 | 212 | 1360075 | 38.69 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.19 | 264 | 916223  | 34.98 | ng/ul | 0.00 |

→ SJ  
 03/08/18

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## Target Compounds

|                       |       |     |        |        | Ovalue   |
|-----------------------|-------|-----|--------|--------|----------|
| 6) Phenol             | 6.75  | 94  | 26318  | 2.360  | ng/ul 88 |
| 44) Dimethylphthalate | 13.66 | 163 | 446671 | 15.649 | ng/ul 99 |
| 56) Diethylphthalate  | 15.03 | 149 | 119374 | 3.753  | ng/ul 93 |

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