

# Quantitation Report (QT Reviewed)

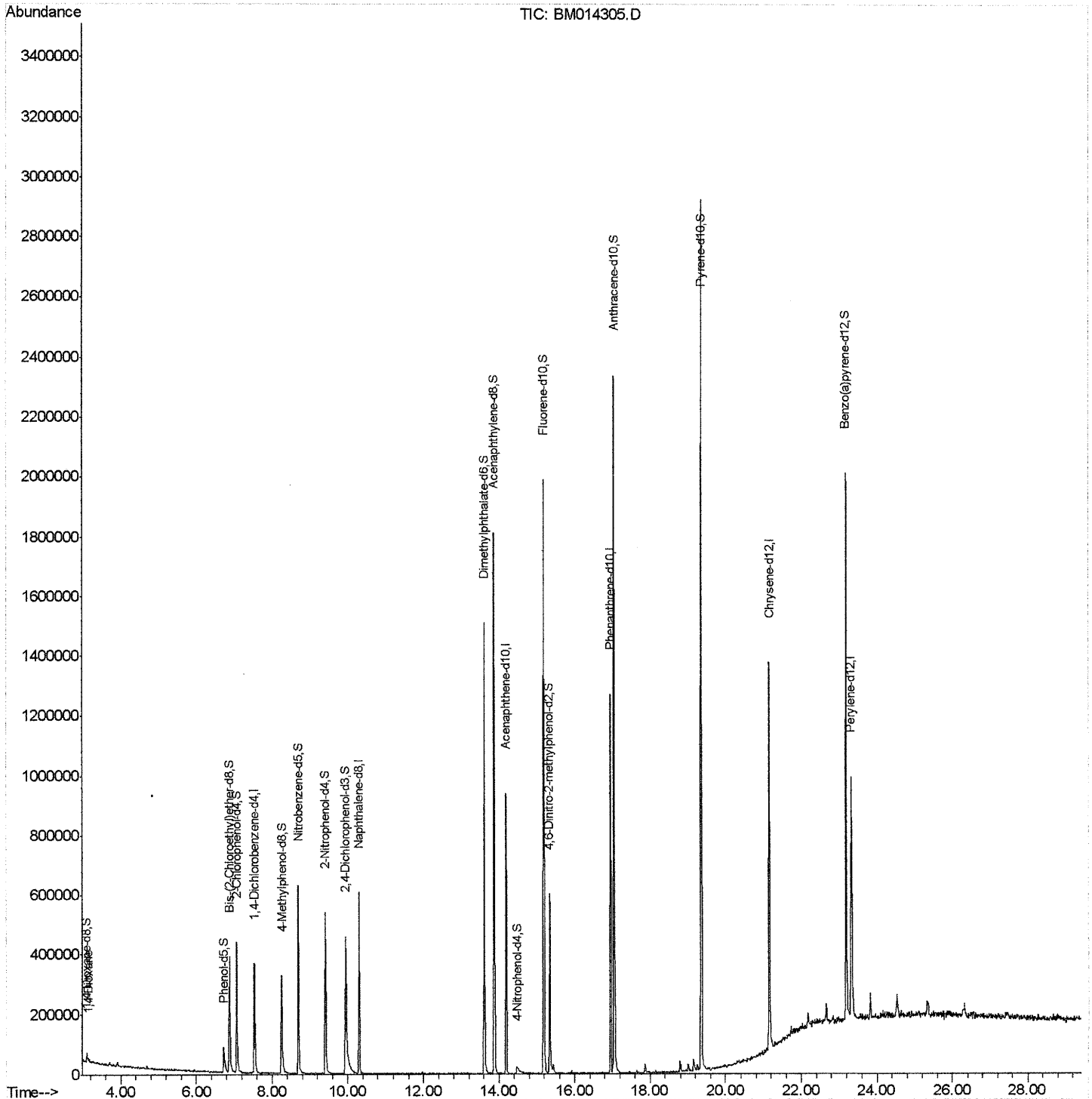
Data Path : Z:\HPCHEM1\BNA M\Data\BM021918\  
 Data File : BM014305.D  
 Acq On : 19 Feb 2018 22:15  
 Operator : SJ/JU  
 Sample : J1570-16  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C02W2

Manual Integrations  
 APPROVED

Sohil  
 2/20/2018 3:12:48 PM

Quant Time: Feb 20 03:08:26 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Feb 20 01:37:12 2018  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

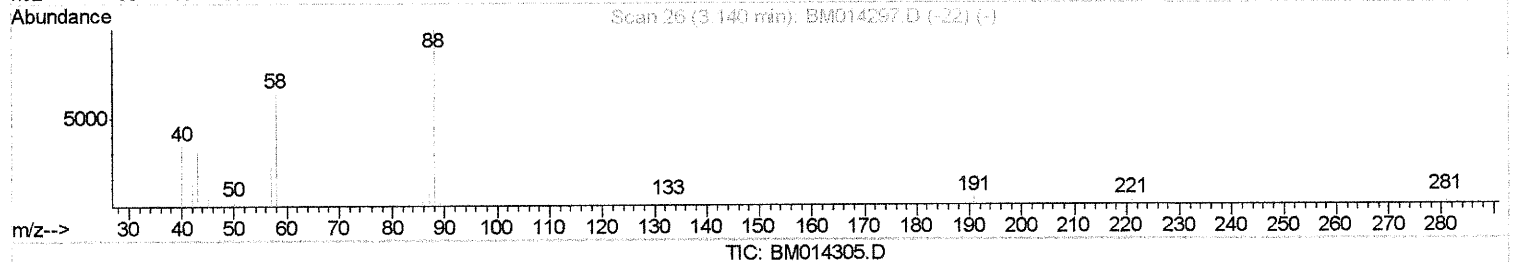
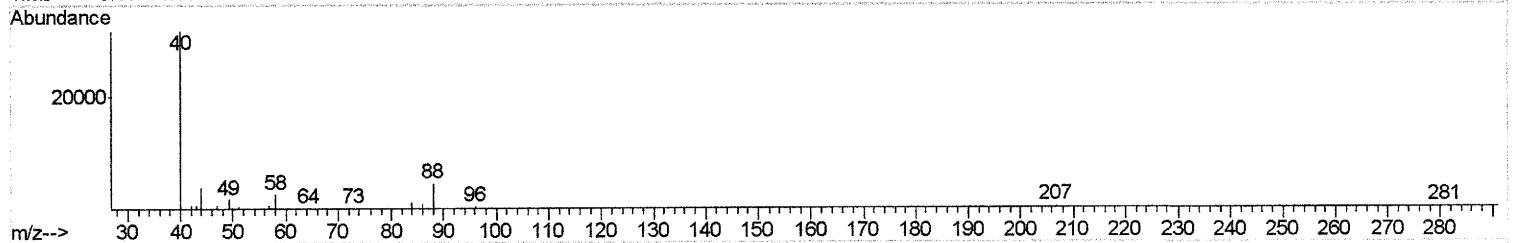
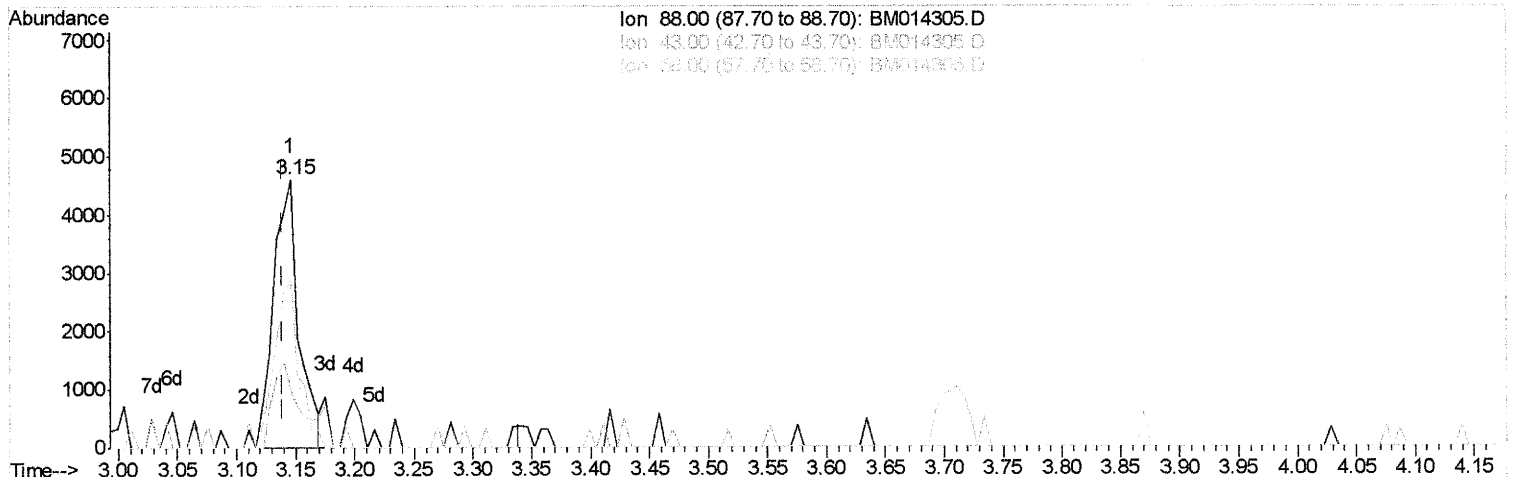
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(2) 1,4-Dioxane

3.146min (+0.006) 2.99ng/uL

response 6877

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100    | 100    |
| 43.00 | 60.00  | 31.67# |
| 58.00 | 100.00 | 61.19# |
| 0.00  | 0.00   | 0.00   |

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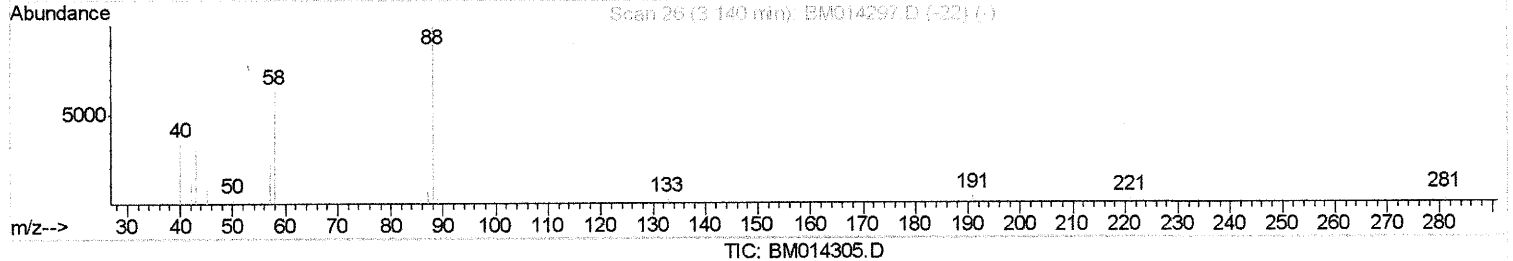
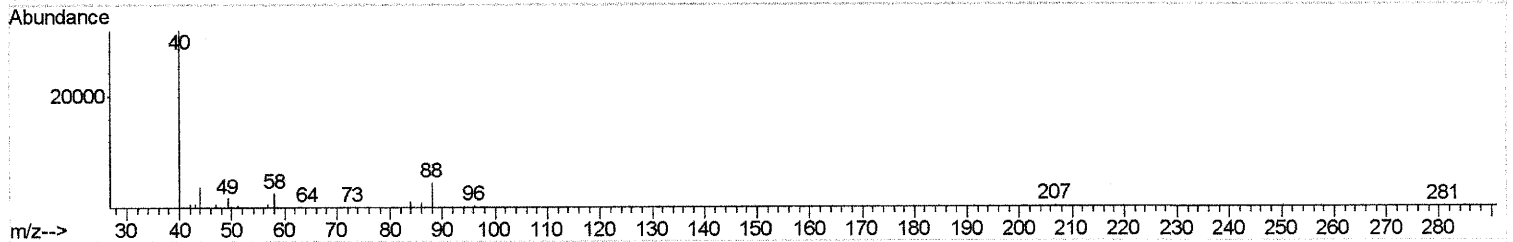
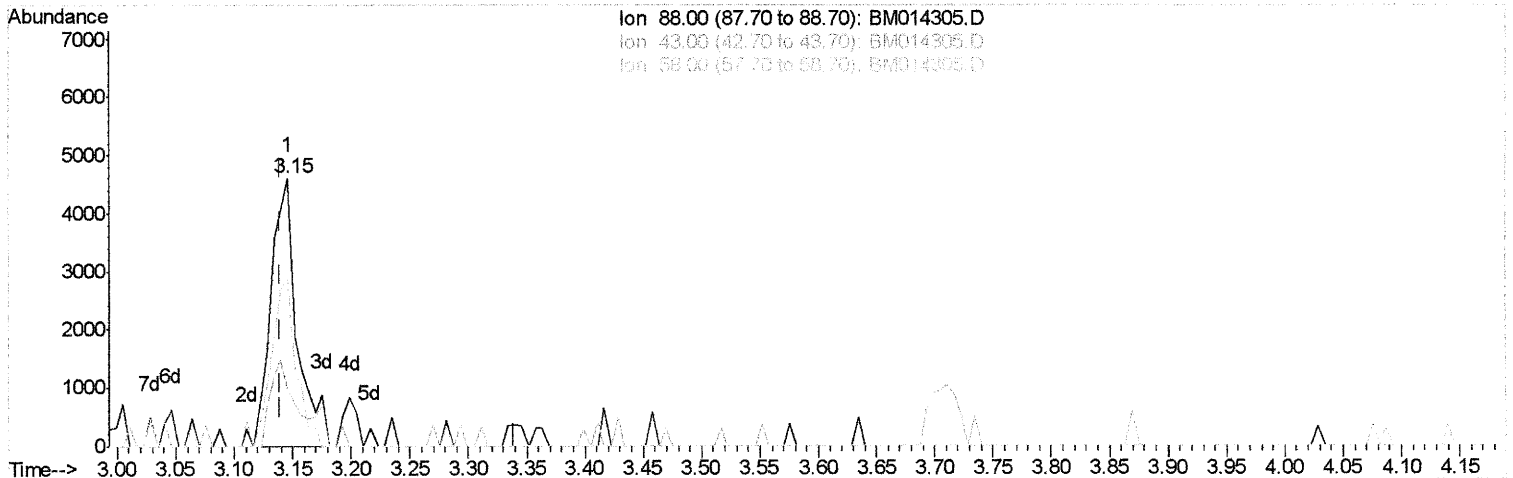
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(2) 1,4-Dioxane

3.146min (+0.006) 3.13ng/uL m SJ 2/21/18

response 7187

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100    | 100    |
| 43.00 | 60.00  | 30.30# |
| 58.00 | 100.00 | 58.55# |
| 0.00  | 0.00   | 0.00   |

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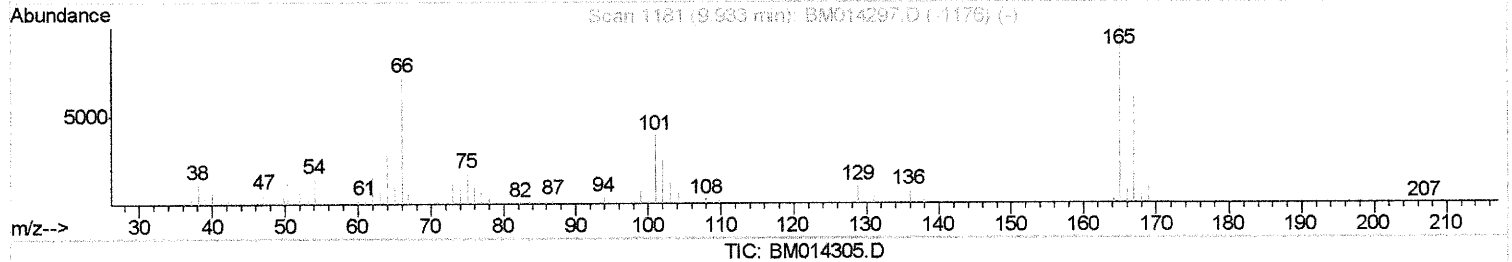
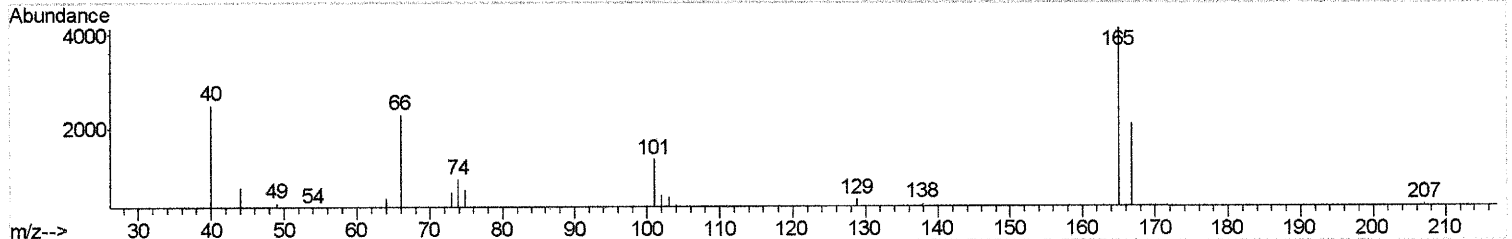
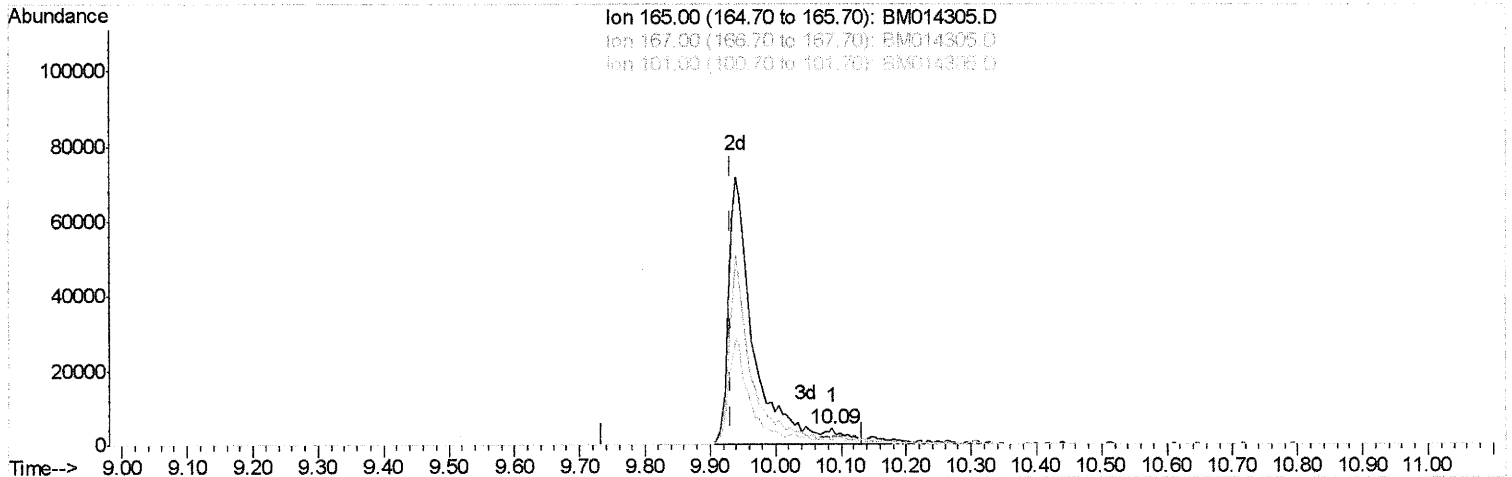
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TIC: BM014305.D

(26) 2,4-Dichlorophenol-d3 (S)

10.087min (+0.153) 0.35ng/ul

response 2244

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 165.00 | 100   | 100   |
| 167.00 | 63.60 | 51.02 |
| 101.00 | 29.30 | 32.62 |
| 0.00   | 0.00  | 0.00  |

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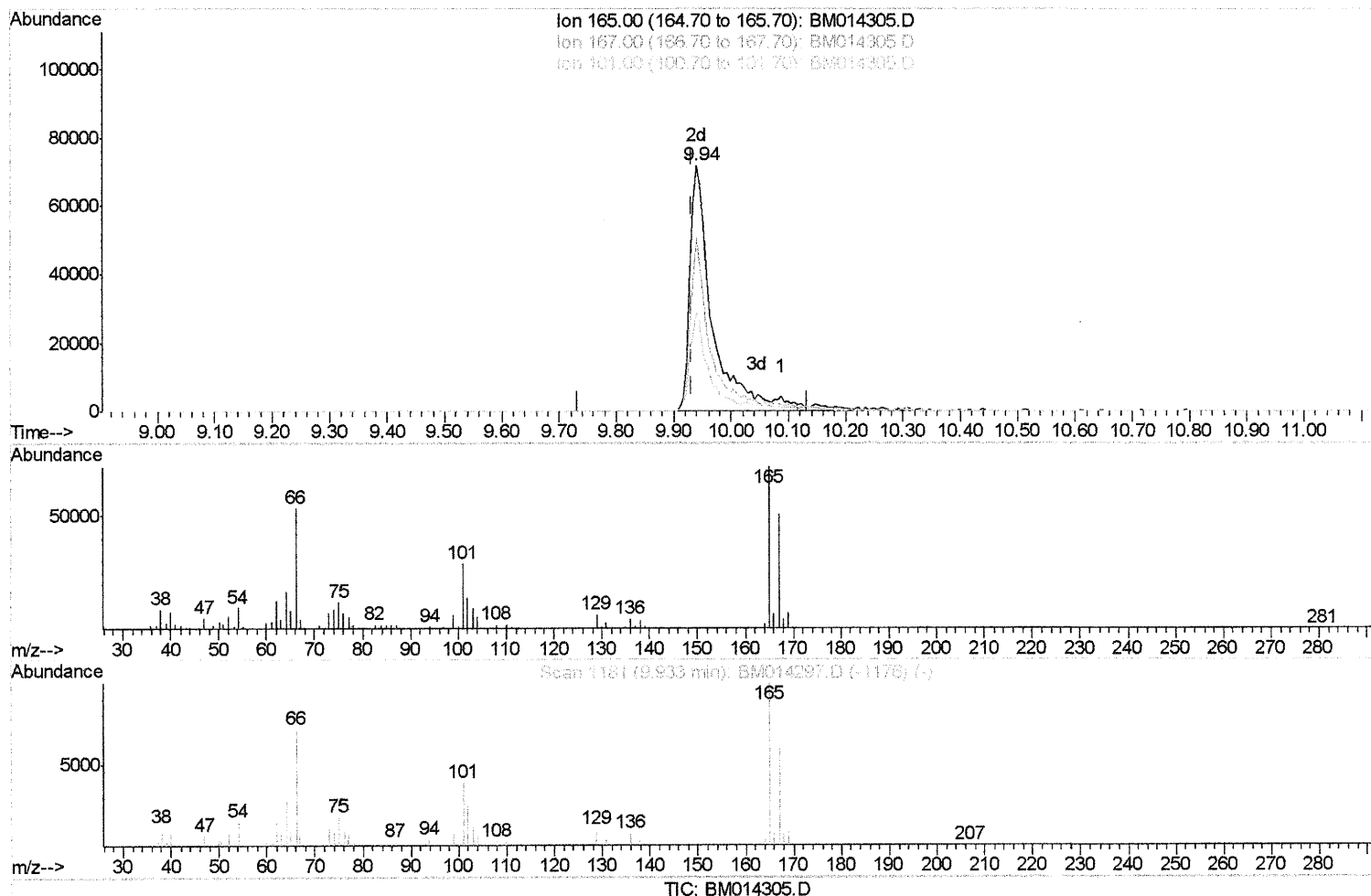
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(26) 2,4-Dichlorophenol-d3 (S)

9.939min (+0.006) 30.57ng/ul m

SJ 2/21/18

response 195667

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 165.00 | 100   | 100    |
| 167.00 | 63.60 | 71.04  |
| 101.00 | 29.30 | 40.17# |
| 0.00   | 0.00  | 0.00   |

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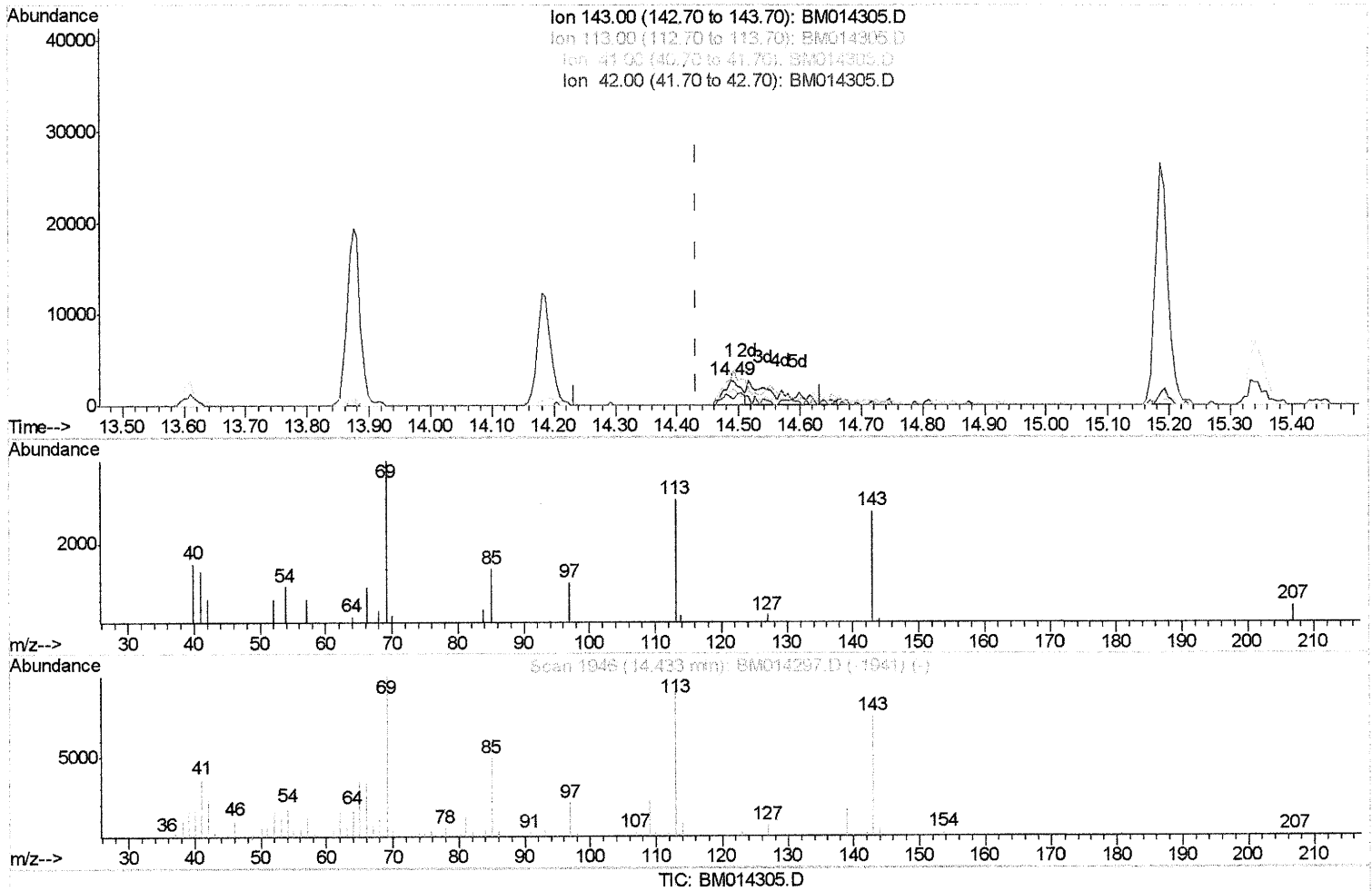
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(51) 4-Nitrophenol-d4 (S)

14.486min (+0.053) 1.73ng/ul

response 5143

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 109.55 |
| 41.00  | 34.80  | 52.65# |
| 42.00  | 20.50  | 30.60# |

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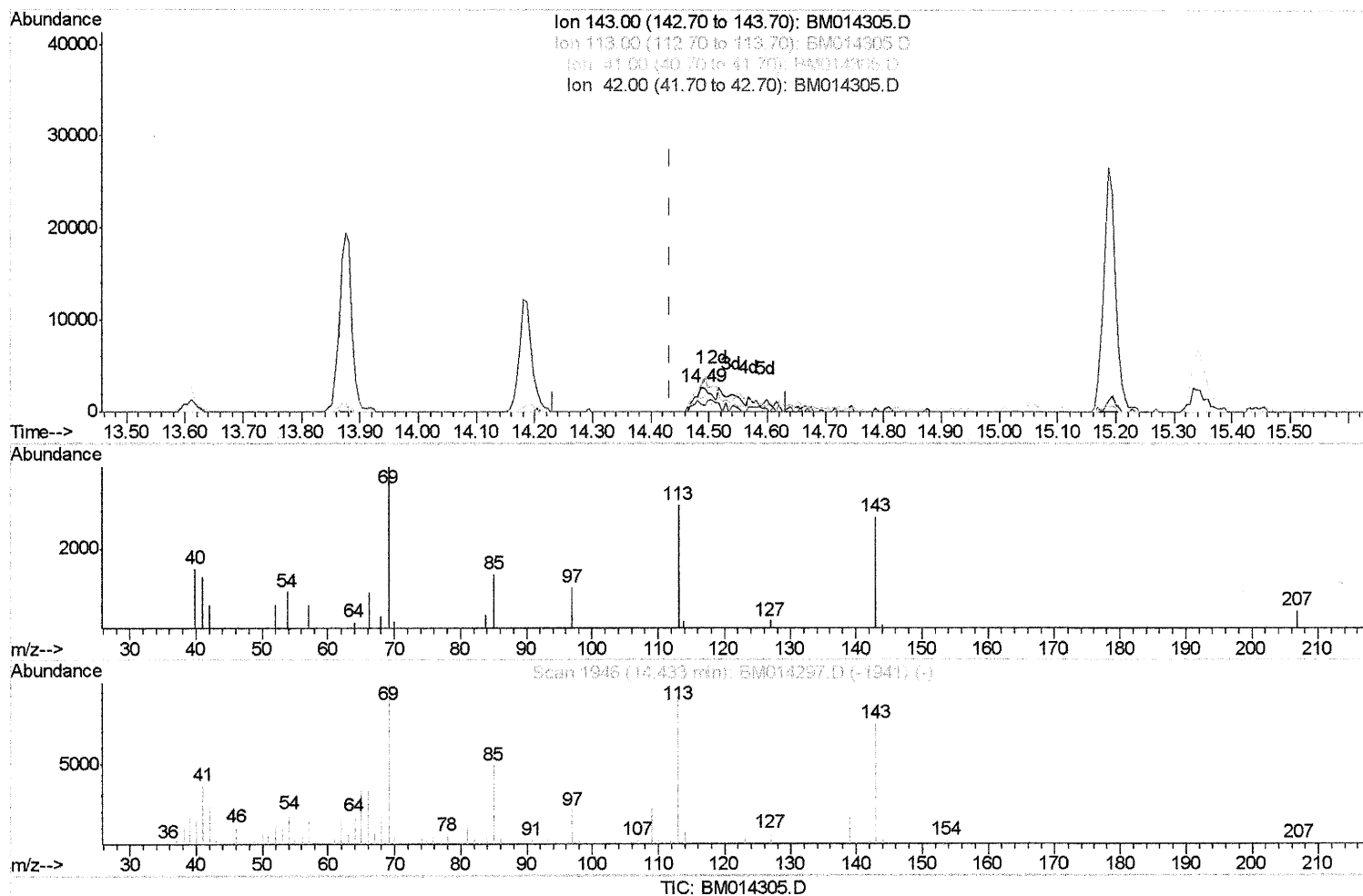
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 Sample : J1570-16  
 Misc :  
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Instrument :  
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 Client Sampled :  
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Manual Integrations  
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(51) 4-Nitrophenol-d4 (S)

14.486min (+0.053) 4.63ng/ul m

response 13791

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 109.55 |
| 41.00  | 34.80  | 52.65# |
| 42.00  | 20.50  | 30.60# |

SJ 2/21/18

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.53  | 152  | 88545    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8             | 10.30 | 136  | 404002   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10           | 14.19 | 164  | 261190   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10           | 16.94 | 188  | 626548   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12               | 21.16 | 240  | 658301   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12               | 23.33 | 264  | 591958   | 20.00 | ng/ul | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 3) 1,4-Dioxane-d8              | 3.11  | 96   | 13099    | 6.33  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.73  | 99   | 55000    | 7.35  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.88  | 67   | 162538   | 35.88 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.07  | 132  | 162147   | 28.26 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.25  | 113  | 112548   | 17.19 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.69  | 128  | 109339   | 36.62 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.40  | 143  | 116835   | 37.81 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.94  | 165  | 195667m  | 30.57 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.55 | 131  | 254      | 0.04  | ng/ul | 0.09     |
| 43) Dimethylphthalate-d6       | 13.61 | 166  | 860005   | 39.87 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 13.87 | 160  | 1053428  | 39.61 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.49 | 143  | 13791m   | 4.63  | ng/ul | 0.05     |
| 57) Fluorene-d10               | 15.19 | 176  | 753036   | 38.97 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200  | 117570   | 31.28 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.04 | 188  | 1215541  | 40.21 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.35 | 212  | 1402806  | 41.32 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.19 | 264  | 1137908  | 39.50 | ng/ul | 0.00     |

| Target Compounds |      |    | Ovalue              |
|------------------|------|----|---------------------|
| 2) 1,4-Dioxane   | 3.15 | 88 | 7187m - 3.127 ng/uL |

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