

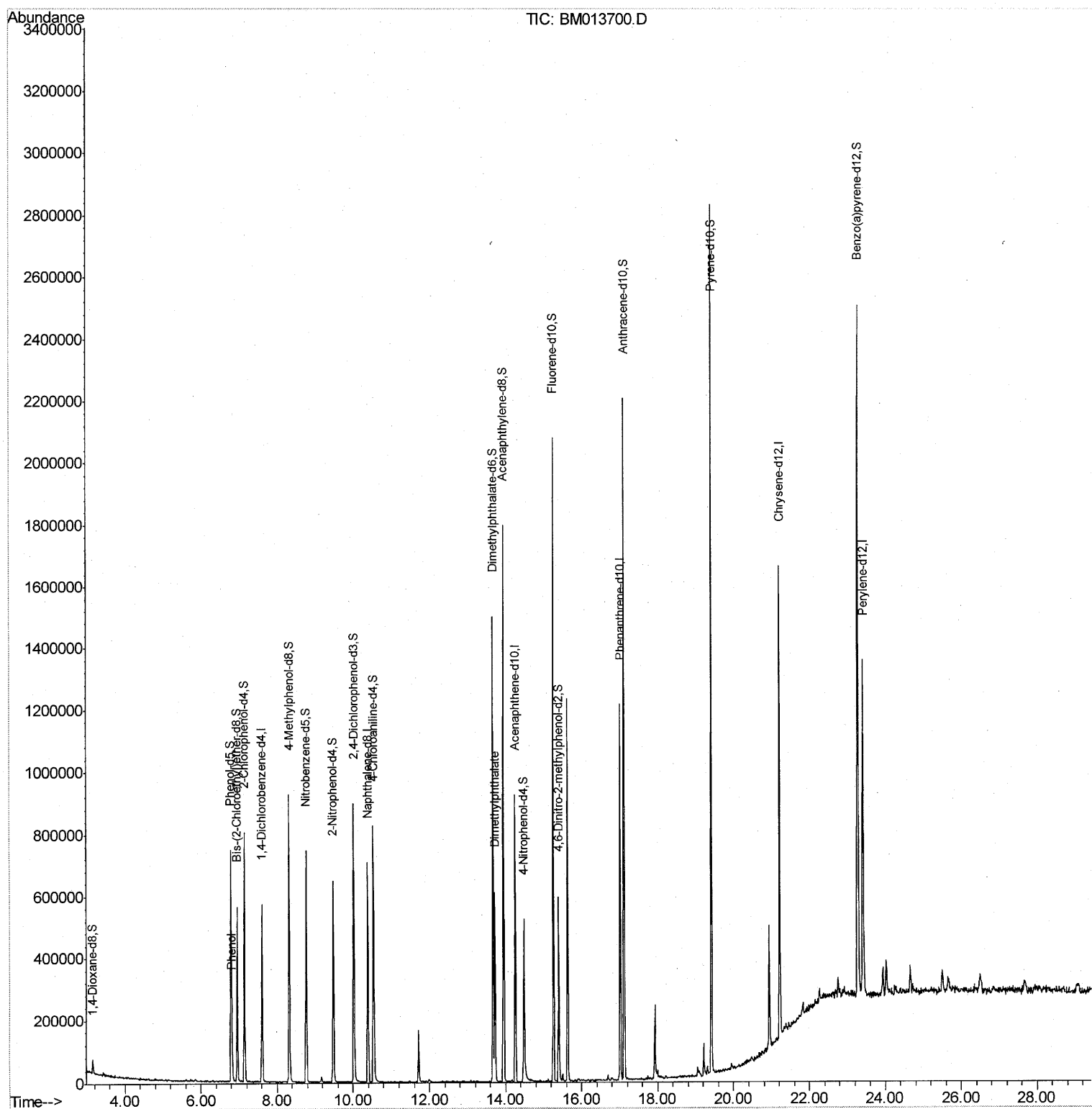
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\  
Data File : BM013700.D  
Acq On : 22 Jan 2018 18:49  
Operator : SJ/JU  
Sample : J1221-08  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
F6A66

Manual Integrations  
APPROVED

Sohil  
1/23/2018 12:49:35 PM

Quant Time: Jan 23 01:24:43 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 23 00:52:14 2018  
Response via : Initial Calibration



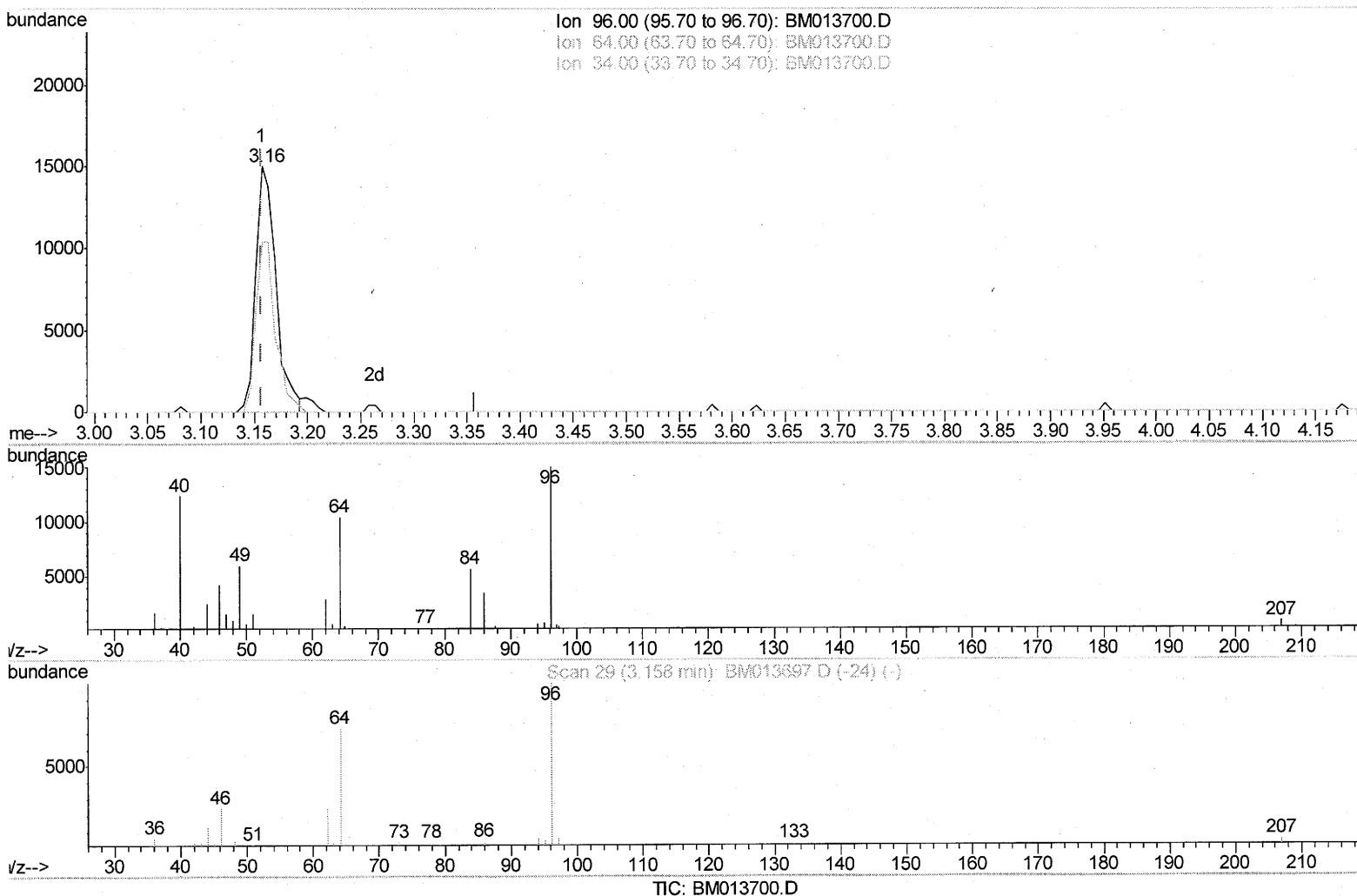
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Manual Integrations  
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 1/23/2018 12:49:35 PM

Quant Time: Jan 23 00:58:49 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 23 00:52:14 2018  
 Response via : Initial Calibration



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

3.158min (+0.000) 5.69ng/uL

response 19841

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 68.20 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

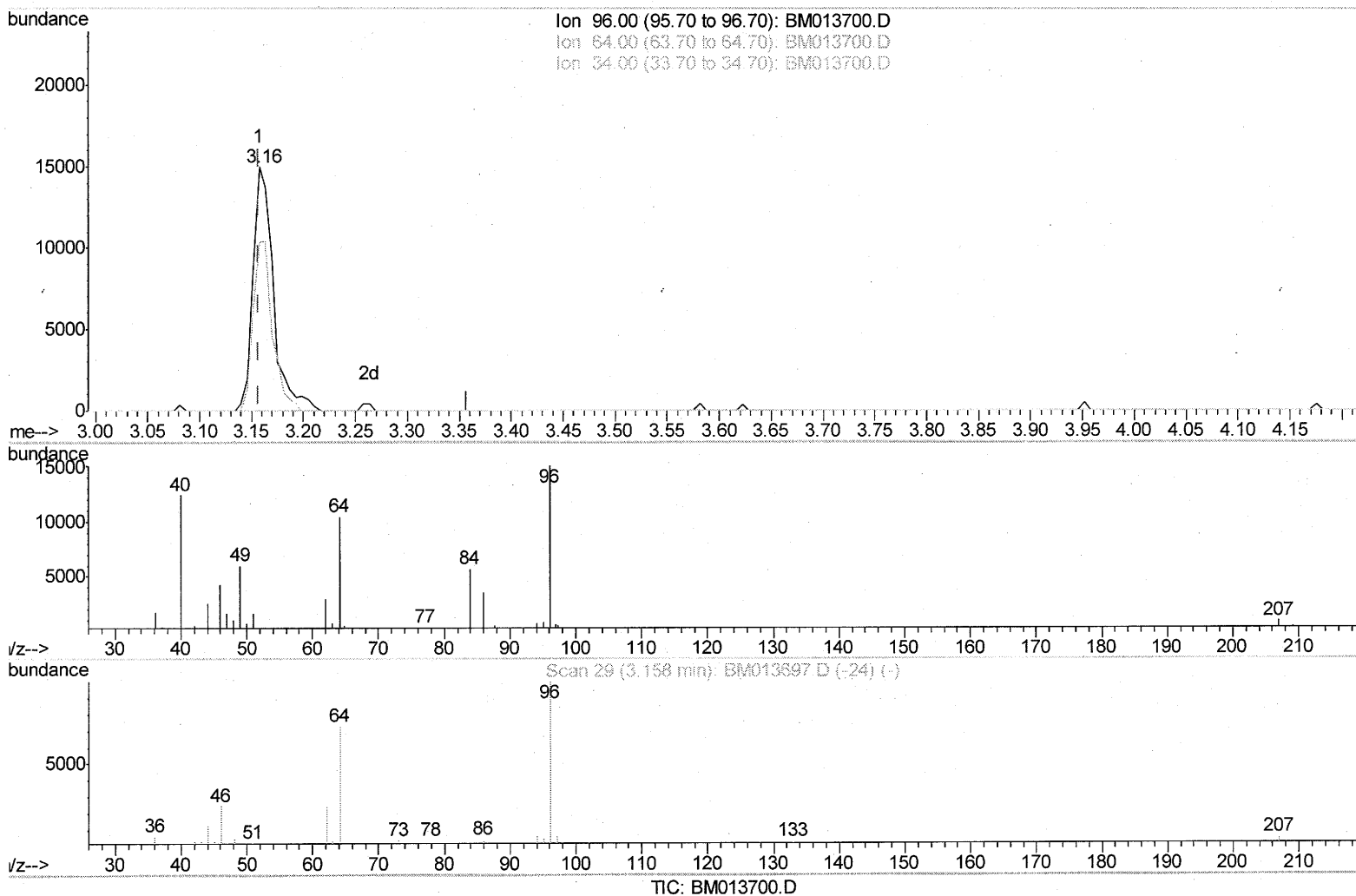
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\  
 Data File : BM013700.D  
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Manual Integrations  
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 Response via : Initial Calibration



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

3.158min (+0.000) 5.89ng/uL m

response 20525

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 65.92 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

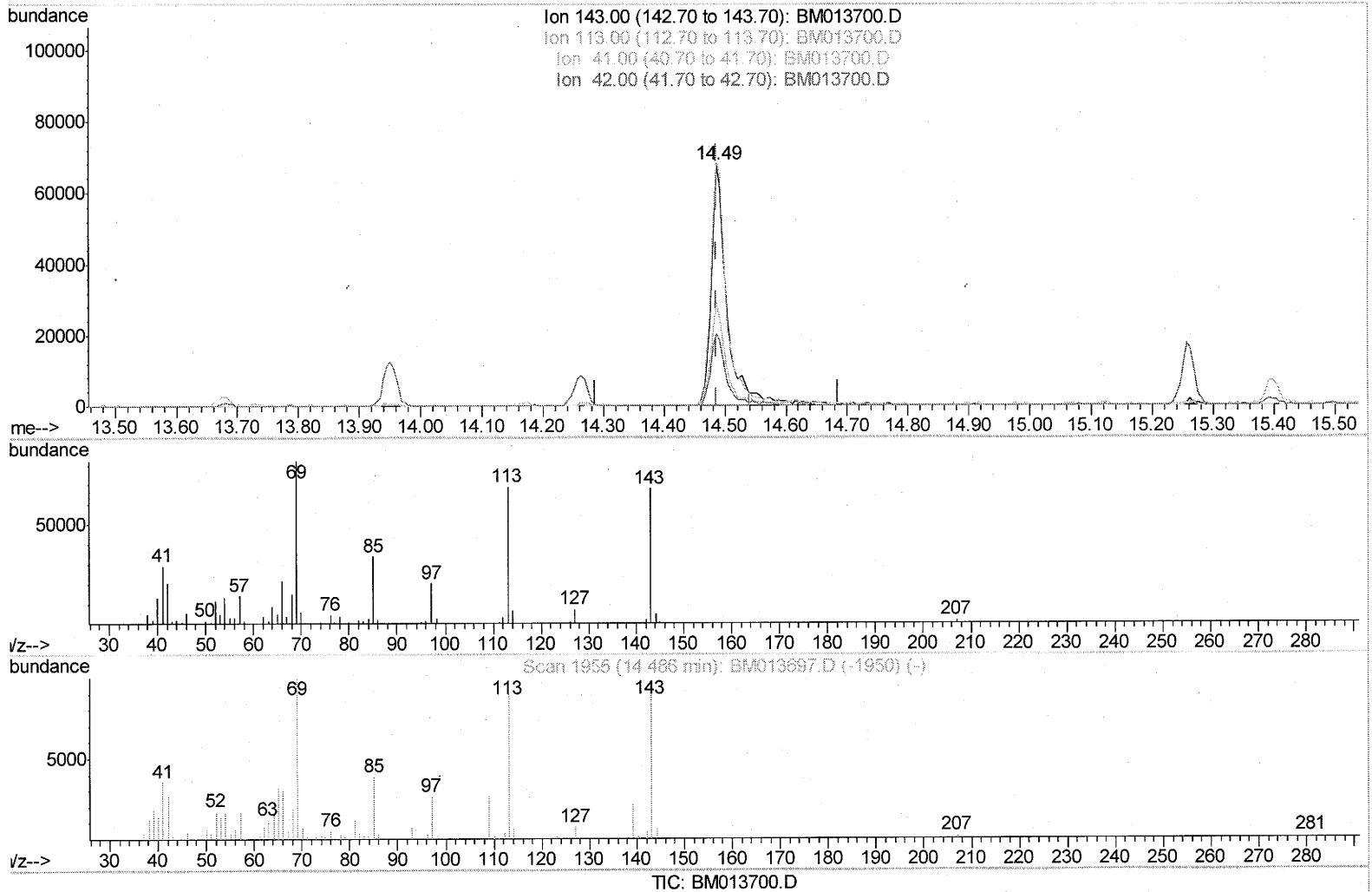
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\  
 Data File : BM013700.D  
 Acq On : 22 Jan 2018 18:49  
 Operator : SJ/JU  
 Sample : J1221-08  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6A66

Manual Integrations  
 APPROVED

Sohil  
 1/23/2018 12:49:35 PM

Quant Time: Jan 23 01:23:02 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 23 00:52:14 2018  
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.486min (+0.000) 29.50ng/ul

response 114977

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 101.26 |
| 41.00  | 34.80  | 42.67# |
| 42.00  | 20.50  | 30.11# |

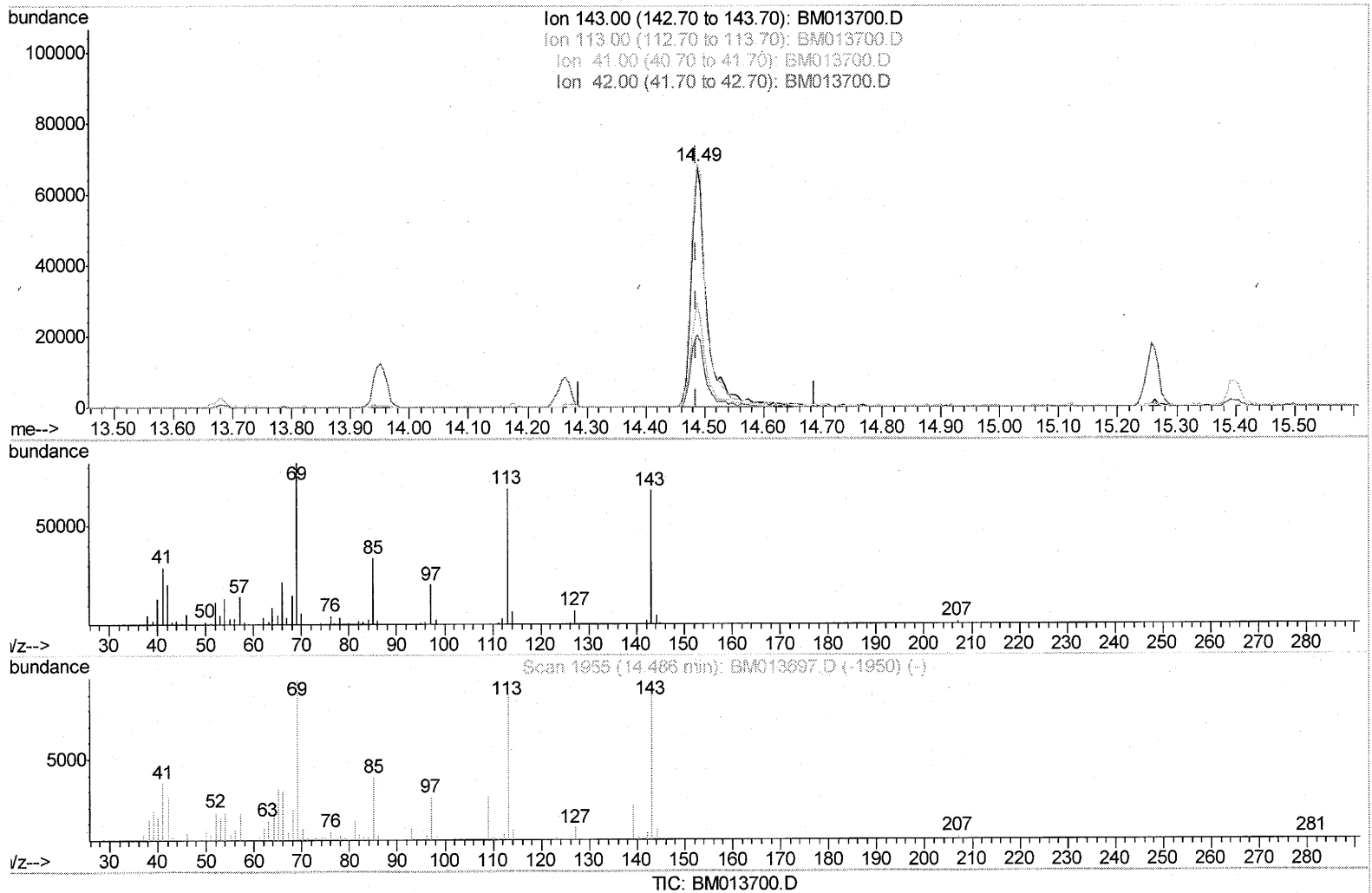
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\  
 Data File : BM013700.D  
 Acq On : 22 Jan 2018 18:49  
 Operator : SJ/JU  
 Sample : J1221-08  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6A66

Manual Integrations  
 APPROVED

Sohil  
 1/23/2018 12:49:35 PM

Quant Time: Jan 23 01:23:02 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 23 00:52:14 2018  
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.486min (+0.000) 31.47ng/ul m

response 122651

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 101.26 |
| 41.00  | 34.80  | 42.67# |
| 42.00  | 20.50  | 30.11# |

*01/26/18*

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\  
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 Sample : J1221-08  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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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 | 7.61  | 152  | 137712   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 533491   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 290957   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 664513   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.21 | 240  | 746764   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.41 | 264  | 788873   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 20525m  | 5.89  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.79  | 99  | 376253  | 35.59 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 227053  | 35.45 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.15  | 132 | 314622  | 36.52 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 309352  | 38.06 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 160338  | 38.73 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.48  | 143 | 171005  | 39.09 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 309858  | 36.67 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 399354  | 54.47 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.68 | 166 | 914161  | 38.12 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.95 | 160 | 1175541 | 38.44 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.49 | 143 | 122651m | 31.47 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.26 | 176 | 785333  | 37.24 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 120076  | 30.02 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.12 | 188 | 1218391 | 37.64 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.42 | 212 | 1392239 | 40.04 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.27 | 264 | 1472683 | 40.62 | ng/ul | 0.00 |

Target Compounds

|                       |       |     |        | Ovalue          |
|-----------------------|-------|-----|--------|-----------------|
| 6) Phenol             | 6.82  | 94  | 70254  | 6.625 ng/ul# 85 |
| 44) Dimethylphthalate | 13.73 | 163 | 378560 | 16.056 ng/ul 99 |

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