

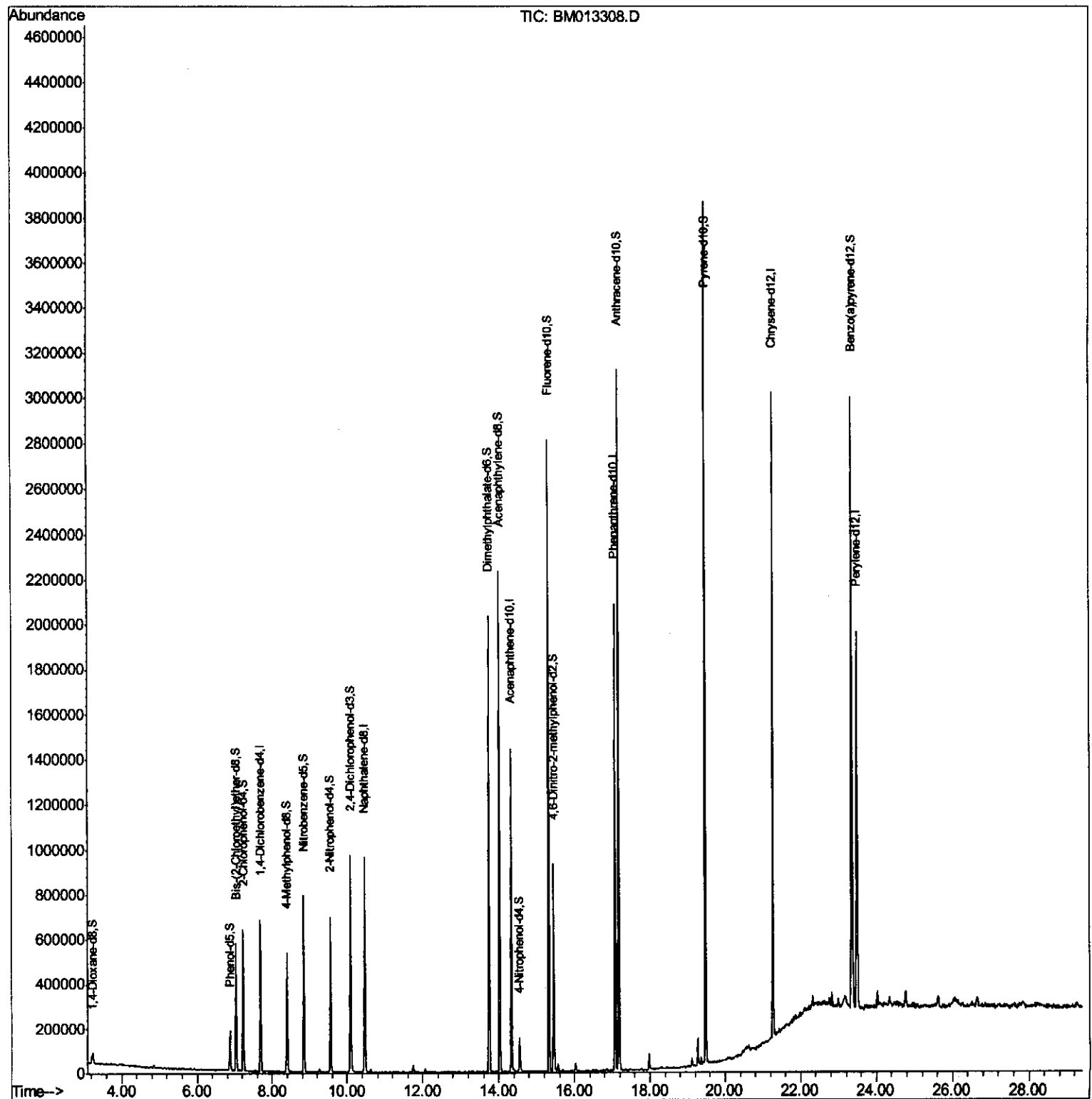
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\  
Data File : BM013308.D  
Acq On : 11 Dec 2017 17:03  
Operator : SJ/JU  
Sample : I6799-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
C0293

Manual Integrations  
APPROVED

Sohil  
12/12/2017 3:56:52 PM

Quant Time: Dec 12 01:53:45 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 12 01:04:42 2017  
Response via : Initial Calibration



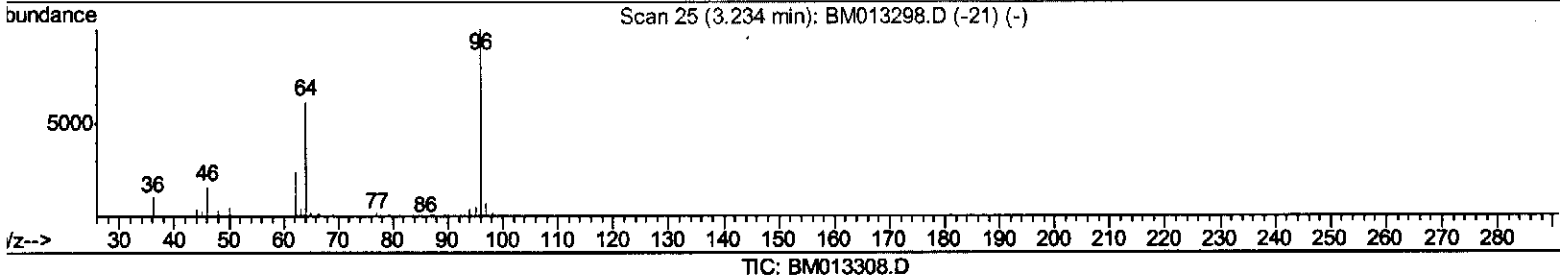
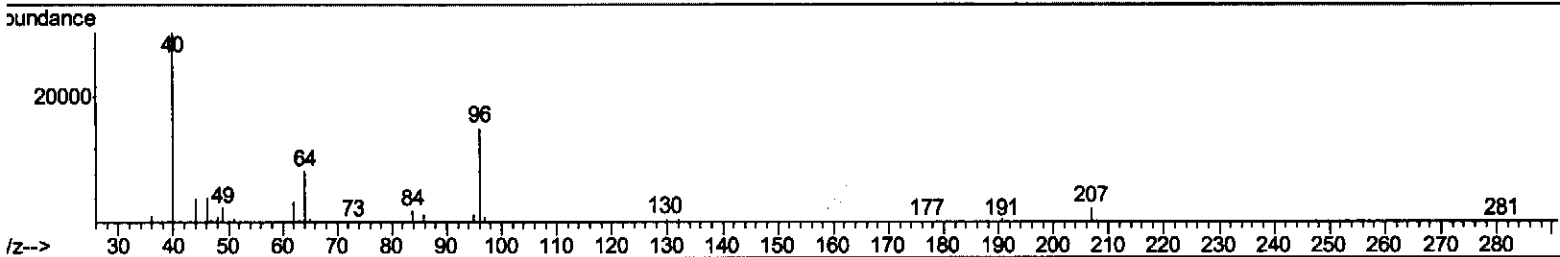
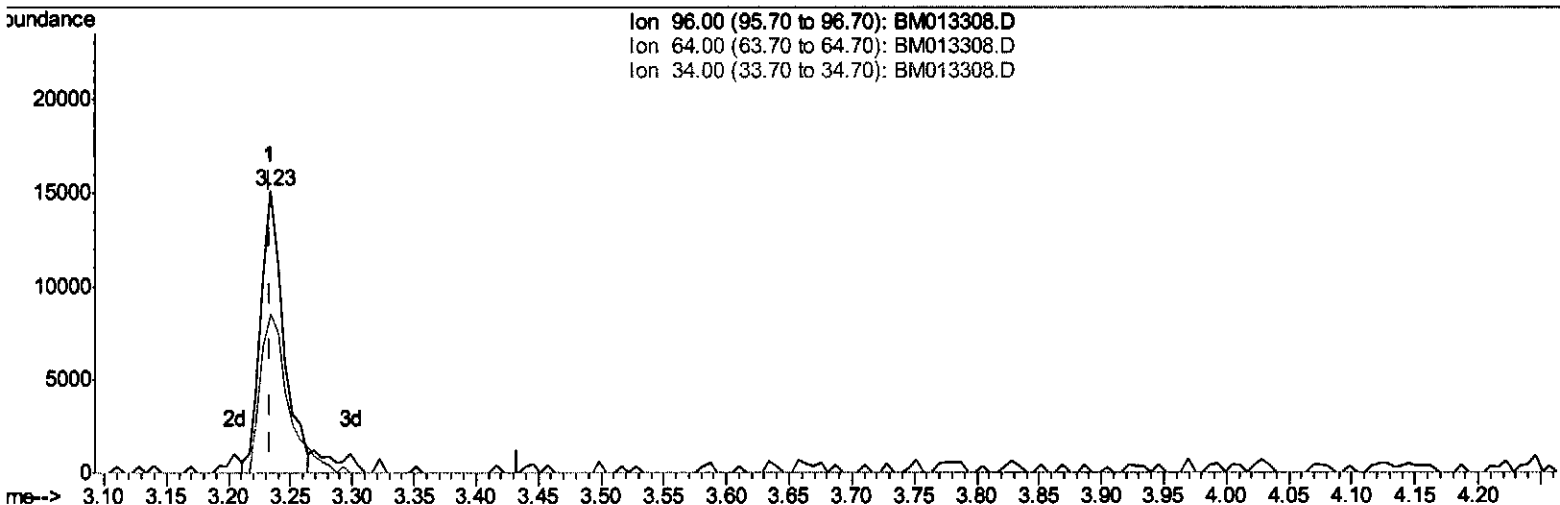
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Manual Integrations  
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 12/12/2017 3:56:52 PM

Quant Time: Dec 12 01:07:18 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 12 01:04:42 2017  
 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)  
 3.234min (+0.000) 5.65ng/uL  
 response 19422

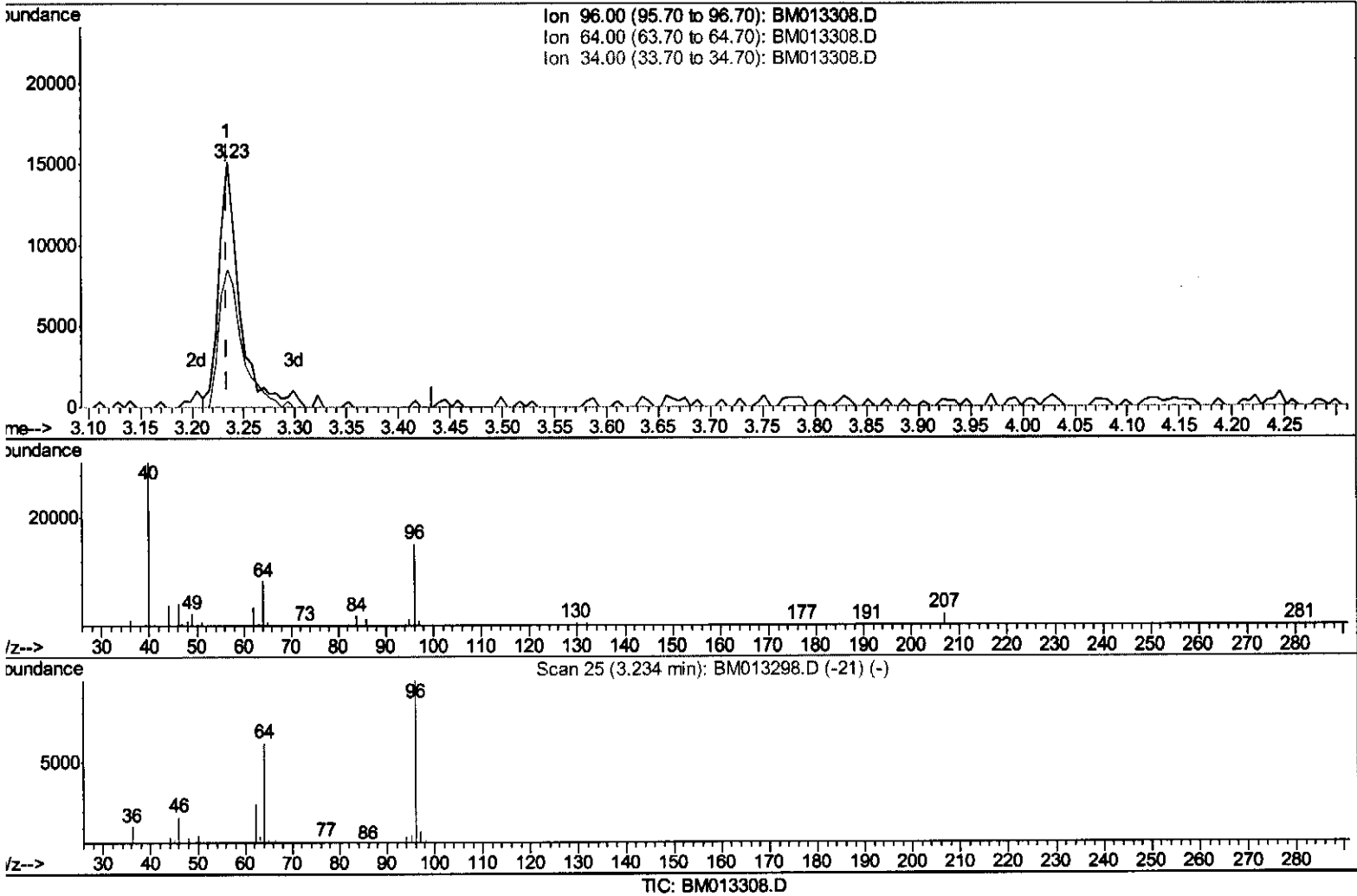
| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 68.37 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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Data File : BM013308.D  
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Operator : SJ/JU  
Sample : I6799-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0293

Manual Integrations  
APPROVED  
Sohil  
12/12/2017 3:56:52 PM

Quant Time: Dec 12 01:07:18 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 12 01:04:42 2017  
Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)  
3.234min (+0.000) 6.22ng/uL m

response 21390

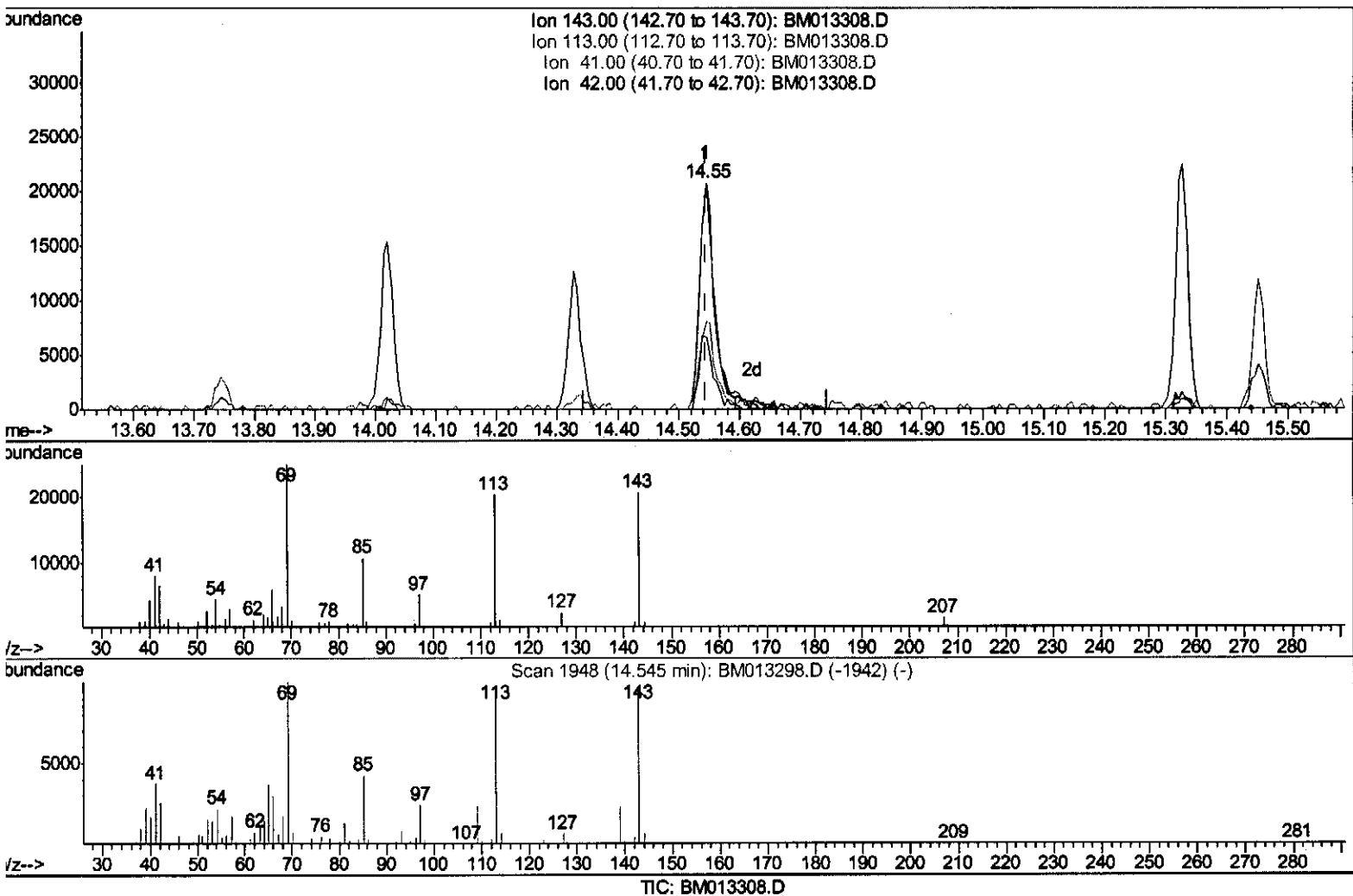
| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 62.08 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\  
Data File : BM013308.D  
Acq On : 11 Dec 2017 17:03  
Operator : SJ/JU  
Sample : I6799-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
C0293

Manual Integrations  
APPROVED  
Sohil  
12/12/2017 3:56:52 PM

Quant Time: Dec 12 01:52:51 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 12 01:04:42 2017  
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.545min (+0.000) 4.89ng/ul

response 35105

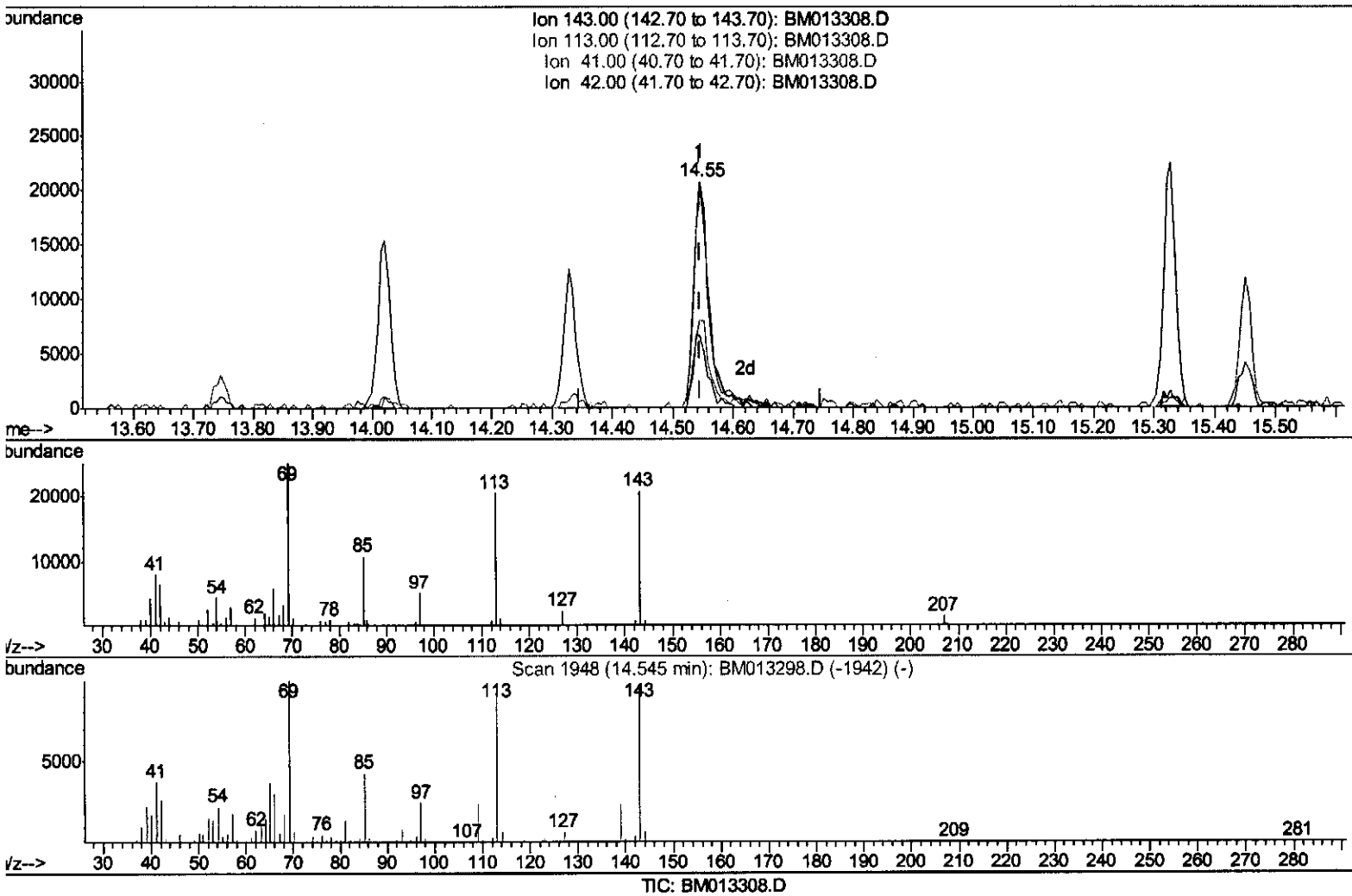
| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 98.84  |
| 41.00  | 34.80  | 38.88  |
| 42.00  | 20.50  | 31.94# |

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Data File : BM013308.D  
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Operator : SJ/JU  
Sample : I6799-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
C0293

Manual Integrations  
APPROVED  
Sohil  
12/12/2017 3:56:52 PM

Quant Time: Dec 12 01:52:51 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 12 01:04:42 2017  
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.545min (+0.000) 5.03ng/ul m

response 36081

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 98.84  |
| 41.00  | 34.80  | 38.88  |
| 42.00  | 20.50  | 31.94# |

5912/15/12

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ALS Vial : 12 Sample Multiplier: 1

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Manual Integrations  
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QLast Update : Tue Dec 12 01:04:42 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 170261   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.47 | 136  | 730127   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.33 | 164  | 464200   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.08 | 188  | 1137896  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.27 | 240  | 1341242  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.49 | 264  | 1248002  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96   | 21390m   | 6.22  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.87  | 99   | 94100    | 6.39  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.03  | 67   | 235036   | 27.97 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.22  | 132  | 268765   | 23.35 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.39  | 113  | 179473   | 14.26 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.85  | 128  | 172759   | 29.84 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.56  | 143  | 186618   | 30.11 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165  | 328480   | 25.72 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.62 | 131  | 7789     | 0.66  | ng/ul | 0.01     |
| 43) Dimethylphthalate-d6       | 13.75 | 166  | 1213691  | 29.38 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.02 | 160  | 1510028  | 29.62 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.55 | 143  | 36081m   | 5.03  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.33 | 176  | 1051977  | 29.61 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200  | 183539   | 25.64 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.17 | 188  | 1709219  | 29.99 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.47 | 212  | 1974928  | 29.56 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.36 | 264  | 1894463  | 29.80 | ng/ul | 0.00     |

Target Compounds Ovalue

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