

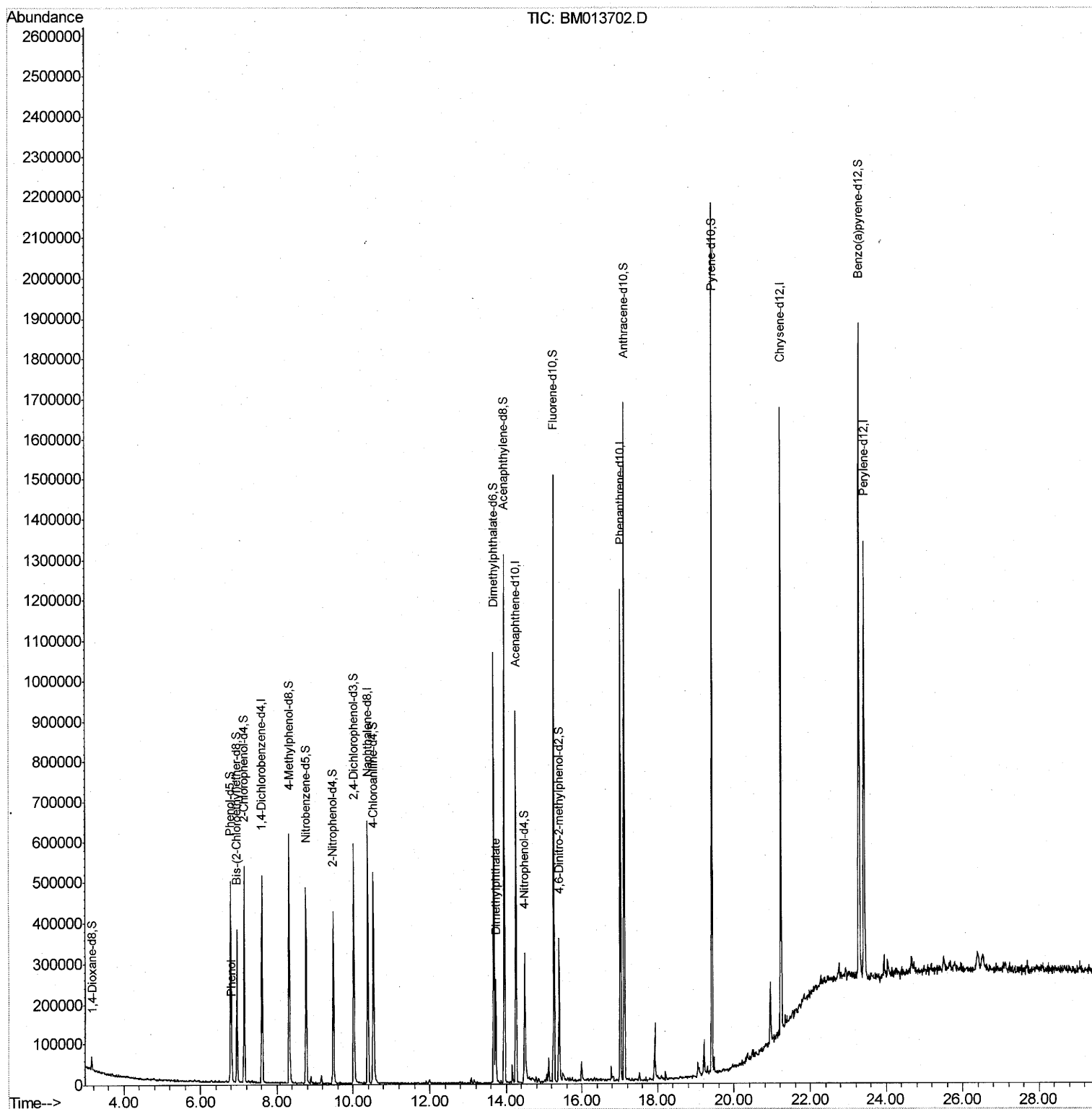
Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\  
Data File : BM013702.D  
Acq On : 22 Jan 2018 20:01  
Operator : SJ/JU  
Sample : J1174-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A56

Manual Integrations  
APPROVED

Sohil  
1/23/2018 12:49:40 PM

Quant Time: Jan 23 01:55:48 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



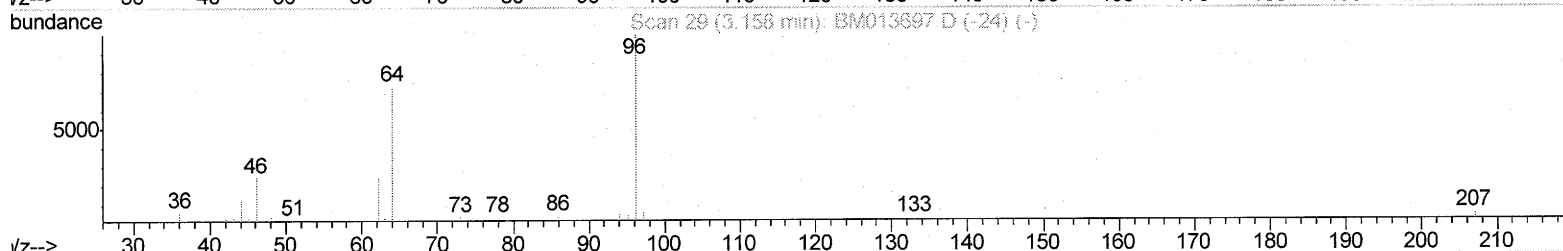
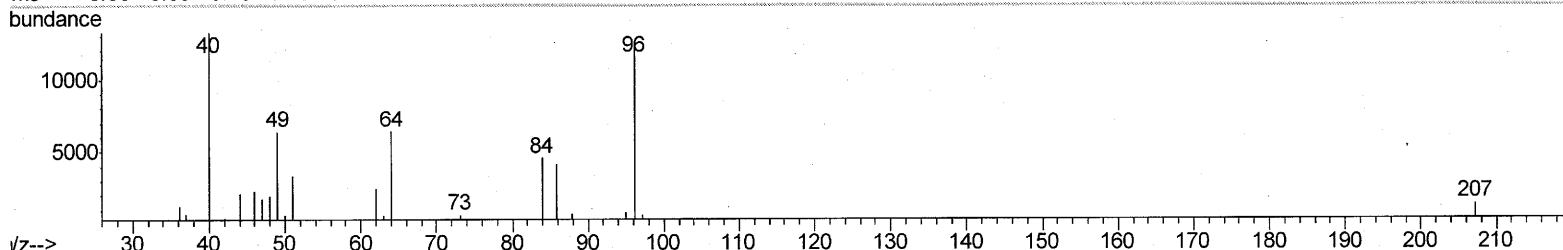
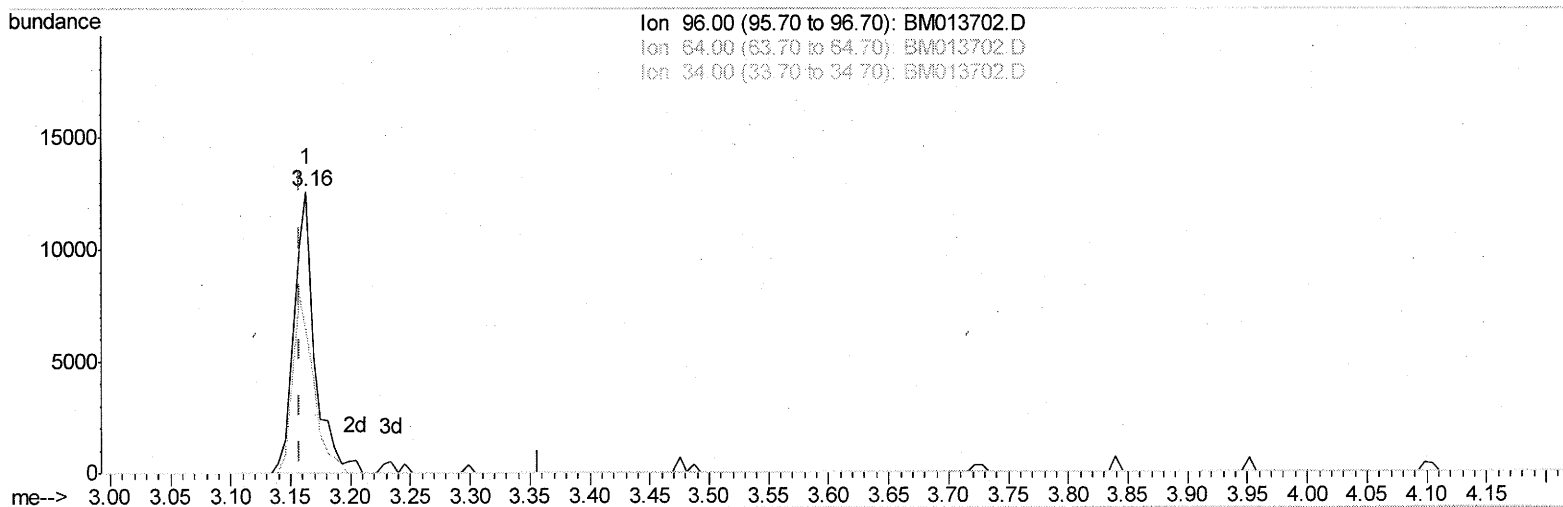
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 1/23/2018 12:49:40 PM

Quant Time: Jan 23 00:59:12 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



TIC: BM013702.D

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

3.163min (+0.006) 4.63ng/uL m

response 15088

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 63.49 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

*JU 01/26/18*

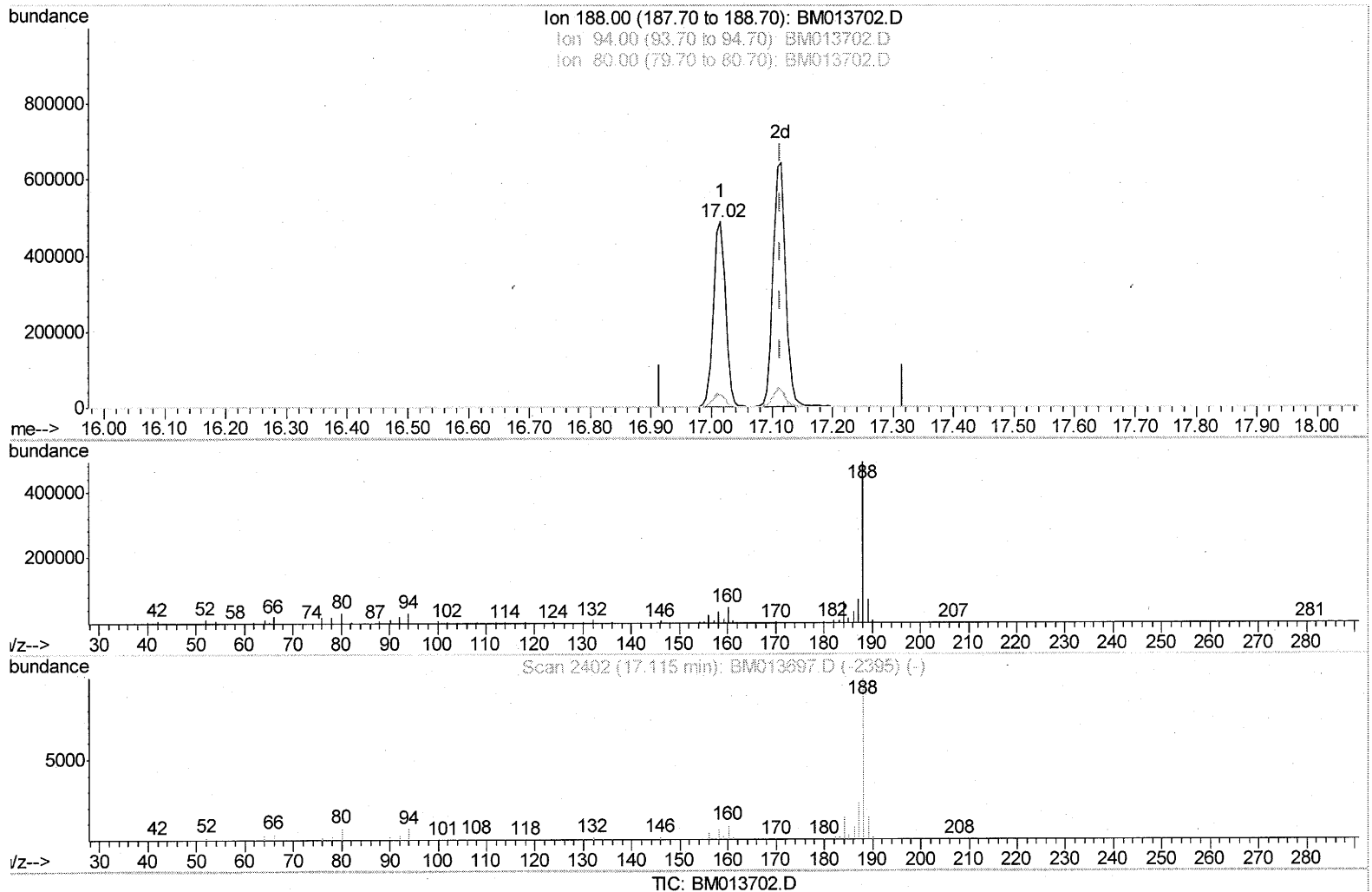
Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\  
 Data File : BM013702.D  
 Acq On : 22 Jan 2018 20:01  
 Operator : SJ/JU  
 Sample : J1174-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 F6A56

Manual Integrations  
 APPROVED

Sohil  
 1/23/2018 12:49:40 PM

Quant Time: Jan 23 01:54:09 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



(70) Anthracene-d10 (S)

17.015min (-0.100) 20.53ng/ul

response 674586

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 5.70 | 6.44 |
| 80.00  | 5.90 | 6.50 |
| 0.00   | 0.00 | 0.00 |

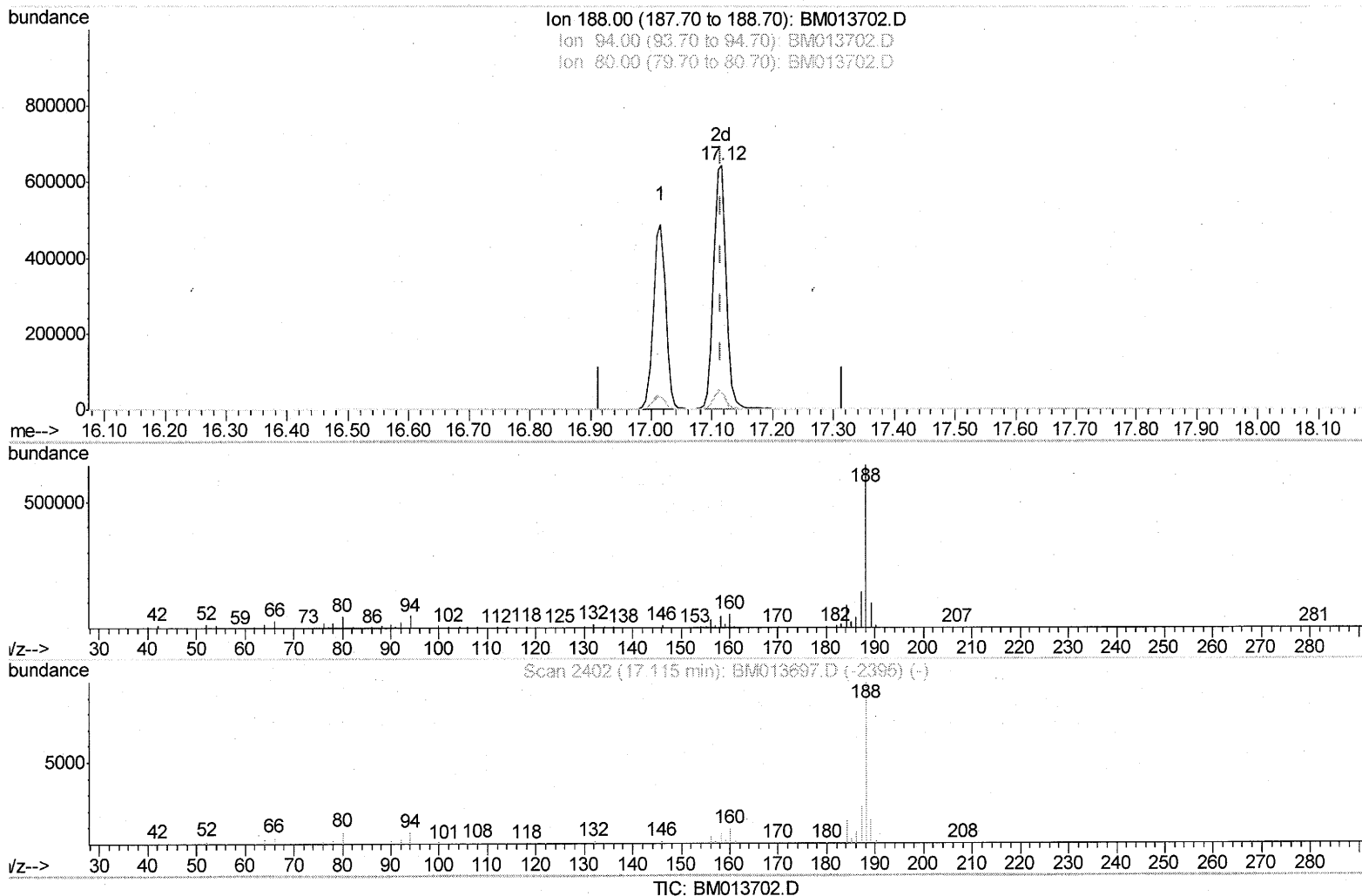
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 Data File : BM013702.D  
 Acq On : 22 Jan 2018 20:01  
 Operator : SJ/JU  
 Sample : J1174-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 F6A56

Manual Integrations  
 APPROVED

Sohil  
 1/23/2018 12:49:40 PM

Quant Time: Jan 23 01:54:09 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



(70) Anthracene-d10 (S)

17.115min (-0.000) 28.05ng/ul *md 01/26/18*

response 921714

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 5.70 | 7.39# |
| 80.00  | 5.90 | 7.09# |
| 0.00   | 0.00 | 0.00  |

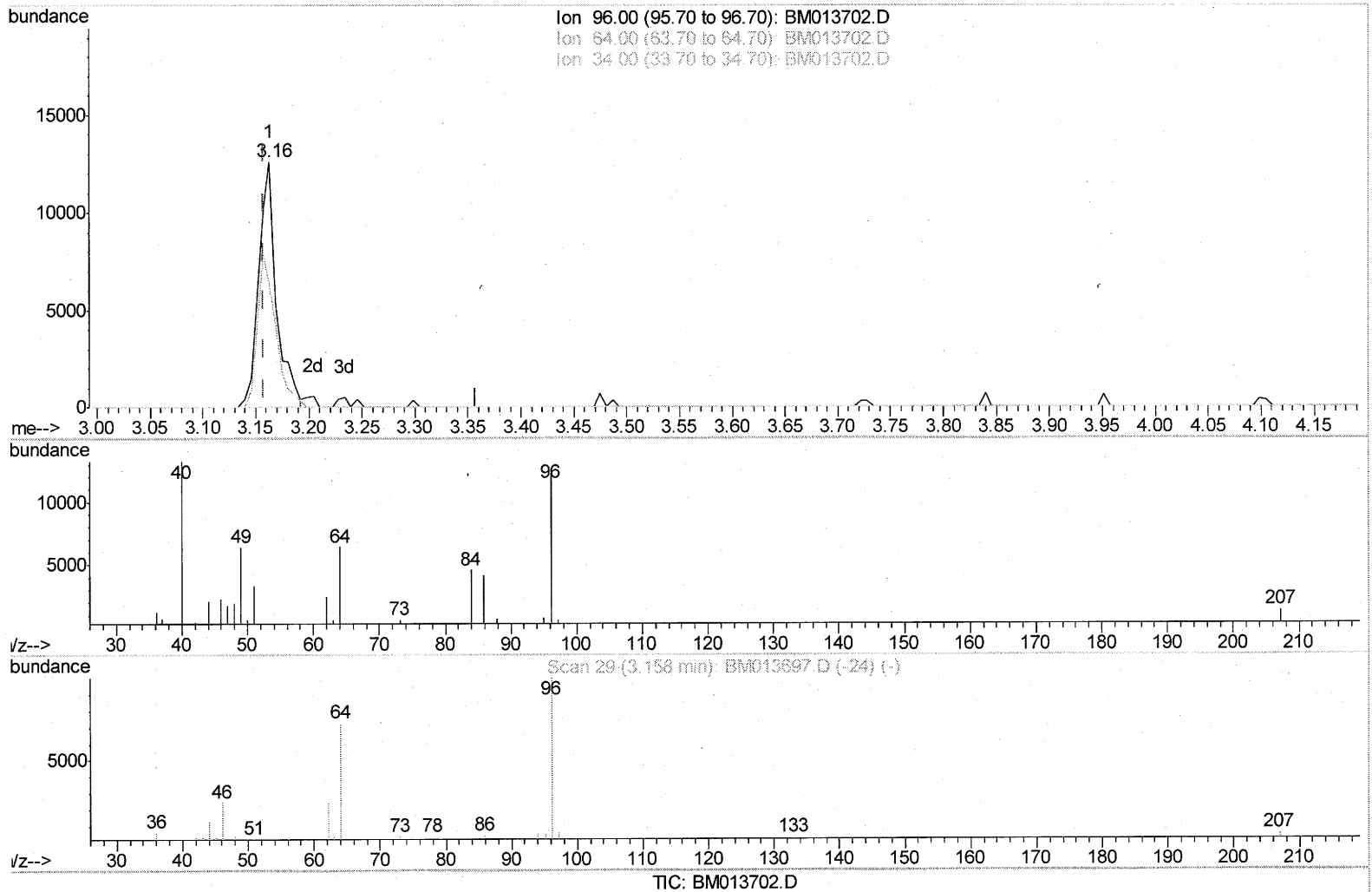
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 Data File : BM013702.D  
 Acq On : 22 Jan 2018 20:01  
 Operator : SJ/JU  
 Sample : J1174-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6A56

Manual Integrations  
 APPROVED

Sohil  
 1/23/2018 12:49:40 PM

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 Response via : Initial Calibration



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

3.163min (+0.006) 4.51ng/uL

response 14700

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 65.16 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\  
Data File : BM013702.D  
Acq On : 22 Jan 2018 20:01  
Operator : SJ/JU  
Sample : J1174-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
F6A56

Manual Integrations  
APPROVED

Sohil  
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Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 128730   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 505834   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 281952   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 674586   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.21 | 240  | 761198   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.41 | 264  | 777601   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |        |
|--------------------------------|-------|-----|---------|-------|-------|--------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 15088m  | 4.63  | ng/uL | > 0.00 |
| 5) Phenol-d5                   | 6.79  | 99  | 254616  | 25.77 | ng/ul | 0.00   |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 149367  | 24.95 | ng/ul | 0.00   |
| 9) 2-Chlorophenol-d4           | 7.15  | 132 | 207952  | 25.83 | ng/ul | 0.00   |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 211507  | 27.84 | ng/ul | 0.00   |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 104633  | 26.66 | ng/ul | 0.00   |
| 22) 2-Nitrophenol-d4           | 9.48  | 143 | 113093  | 27.27 | ng/ul | 0.00   |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 213686  | 26.67 | ng/ul | 0.00   |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 272494  | 39.20 | ng/ul | 0.00   |
| 43) Dimethylphthalate-d6       | 13.68 | 166 | 669972  | 28.83 | ng/ul | 0.00   |
| 46) Acenaphthylene-d8          | 13.95 | 160 | 831163  | 28.05 | ng/ul | 0.00   |
| 51) 4-Nitrophenol-d4           | 14.49 | 143 | 82601   | 21.87 | ng/ul | 0.00   |
| 57) Fluorene-d10               | 15.26 | 176 | 581473  | 28.45 | ng/ul | 0.00   |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 75937   | 18.70 | ng/ul | 0.00   |
| 70) Anthracene-d10             | 17.12 | 188 | 921714m | 28.05 | ng/ul | > 0.00 |
| 76) Pyrene-d10                 | 19.42 | 212 | 1053562 | 29.73 | ng/ul | 0.00   |
| 87) Benzo(a)pyrene-d12         | 23.27 | 264 | 1079695 | 30.21 | ng/ul | 0.00   |

Target Compounds

|                       |       |     |        | Ovalue       |    |
|-----------------------|-------|-----|--------|--------------|----|
| 6) Phenol             | 6.82  | 94  | 25188  | 2.541 ng/ul# | 86 |
| 44) Dimethylphthalate | 13.73 | 163 | 150911 | 6.605 ng/ul  | 97 |

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