

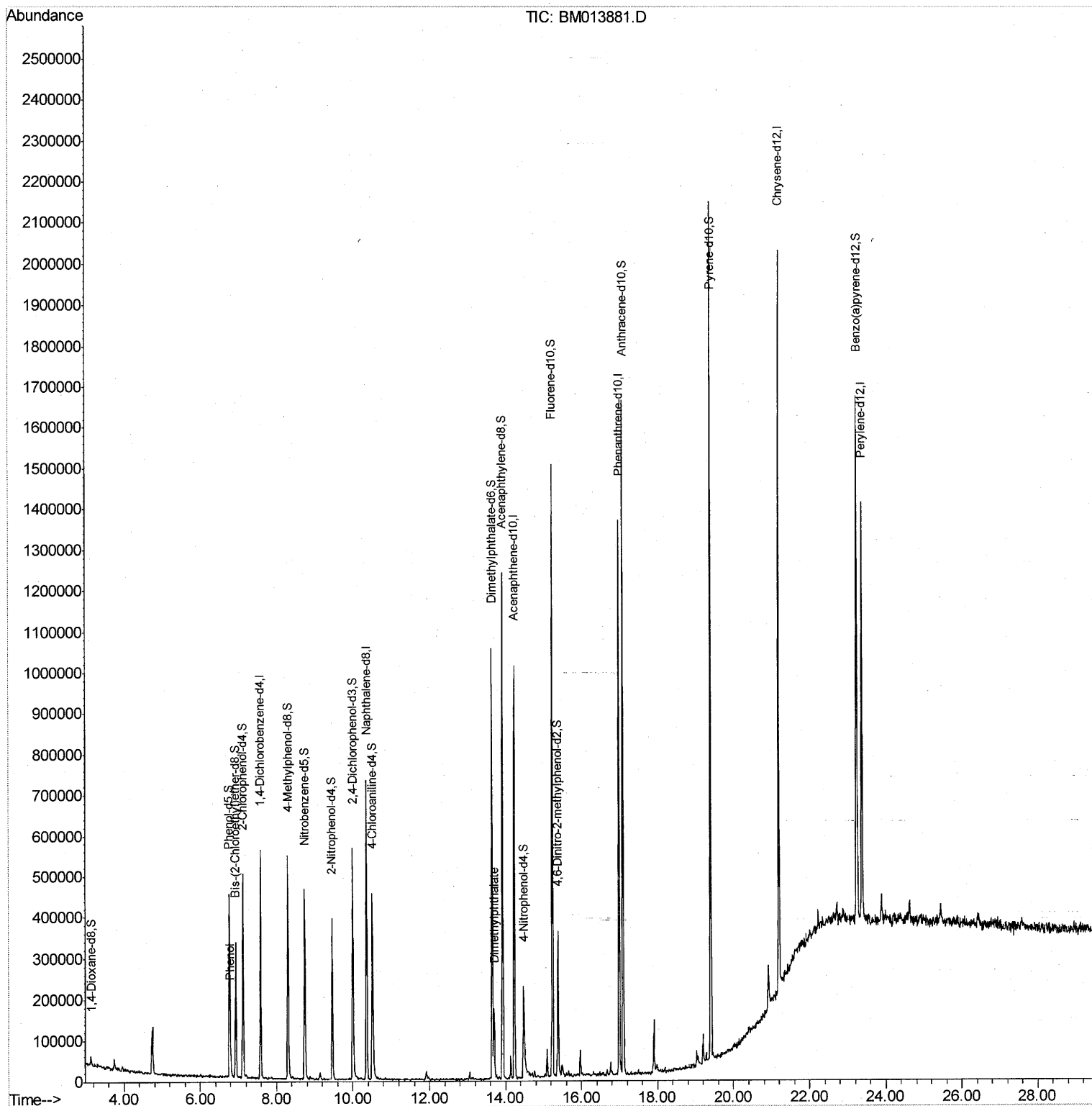
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\  
Data File : BM013881.D  
Acq On : 27 Jan 2018 13:19  
Operator : SJ/JU  
Sample : J1245-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
F6B64

Manual Integrations  
APPROVED

Sohil  
1/29/2018 6:03:26 PM

Quant Time: Jan 28 01:21:05 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun Jan 28 01:01:50 2018  
Response via : Initial Calibration



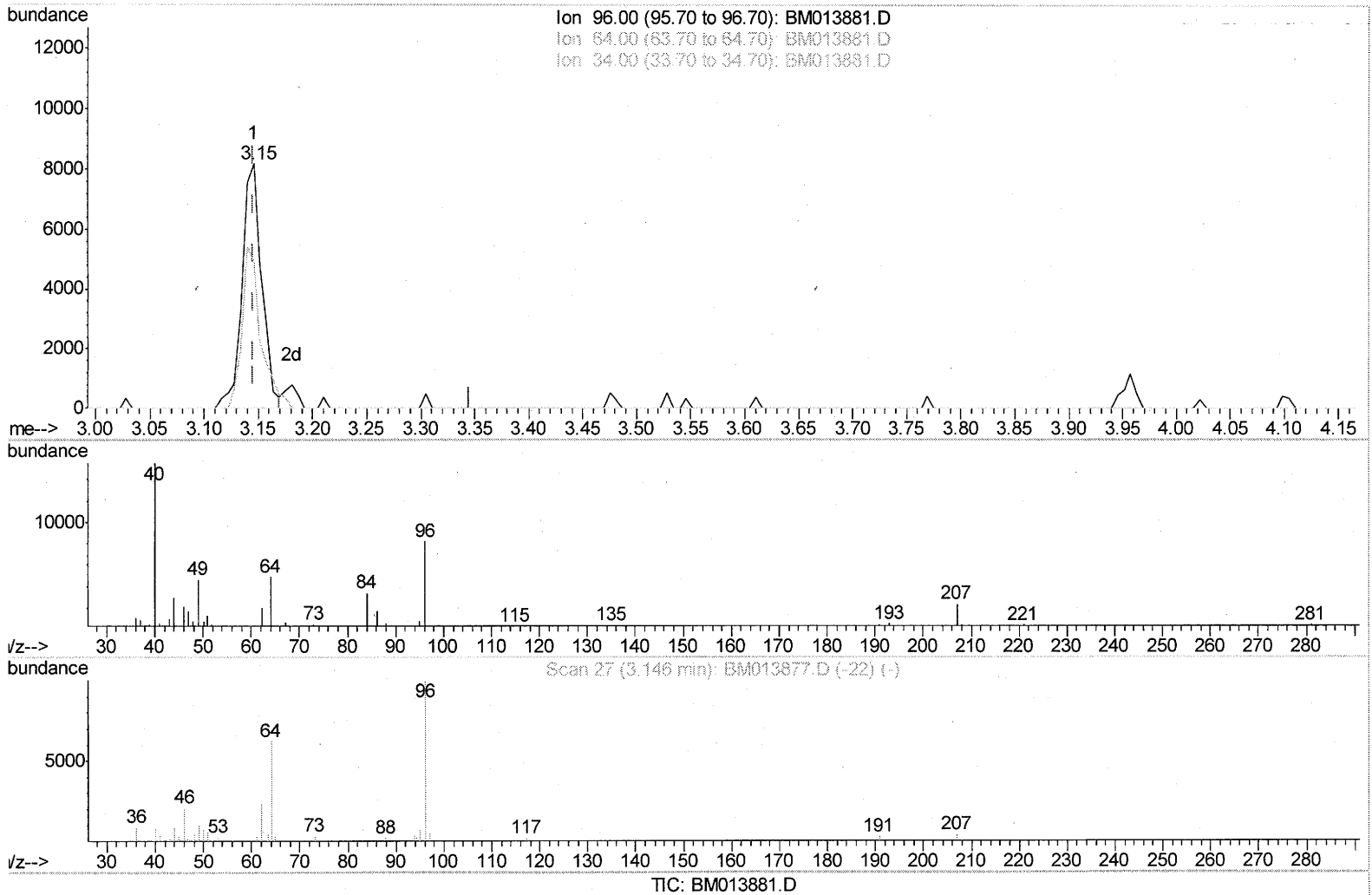
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\  
Data File : BM013881.D  
Acq On : 27 Jan 2018 13:19  
Operator : SJ/JU  
Sample : J1245-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6B64

Manual Integrations  
APPROVED

Sohil  
1/29/2018 6:03:26 PM

Quant Time: Jan 28 01:04:48 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun Jan 28 01:01:50 2018  
Response via : Initial Calibration



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

3.146min (-0.000) 2.90ng/uL

response 10298

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 63.19 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

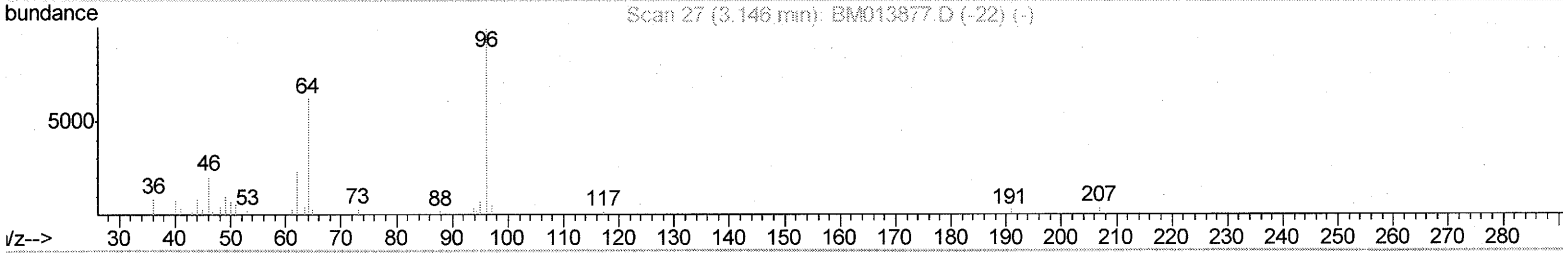
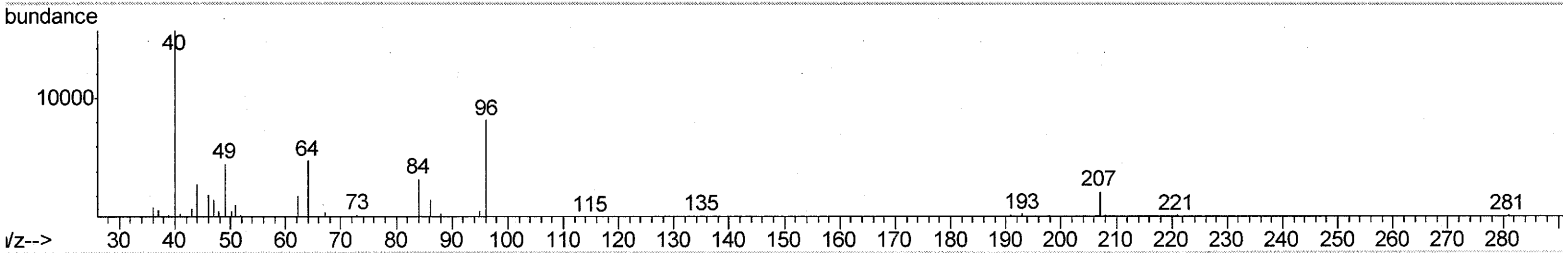
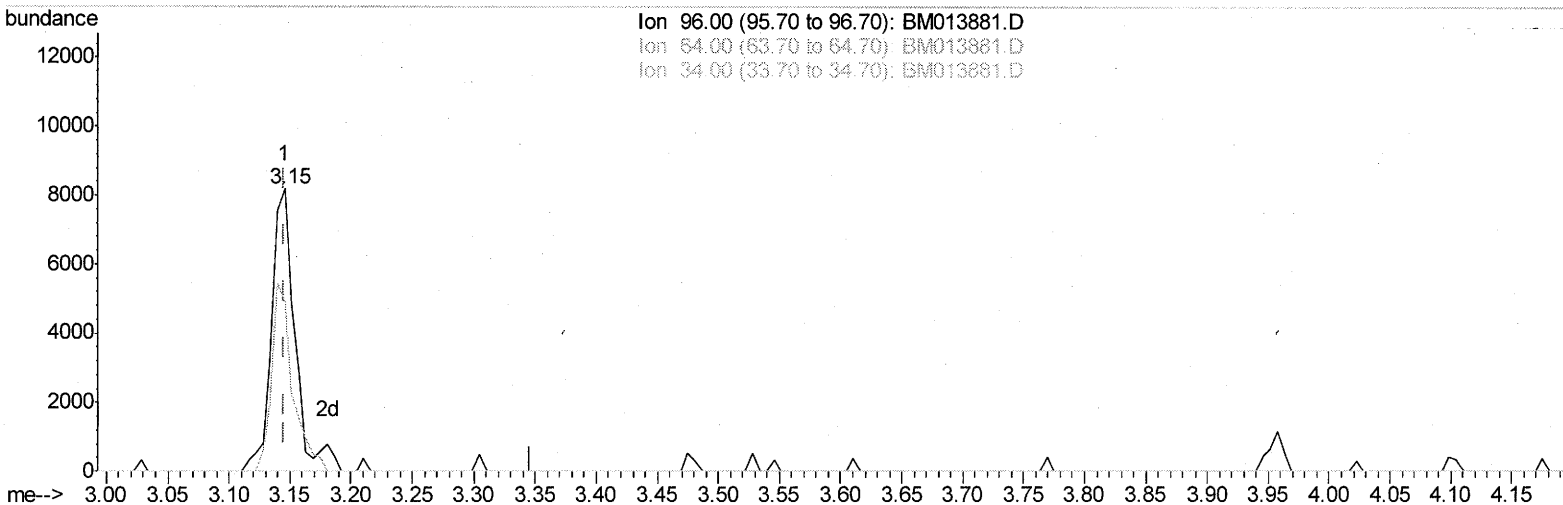
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\  
 Data File : BM013881.D  
 Acq On : 27 Jan 2018 13:19  
 Operator : SJ/JU  
 Sample : J1245-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 F6B64

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:03:26 PM

Quant Time: Jan 28 01:04:48 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Jan 28 01:01:50 2018  
 Response via : Initial Calibration



TIC: BM013881.D

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

3.146min (-0.000) 3.08ng/uL m

*SJ 1/30/18*

response 10929

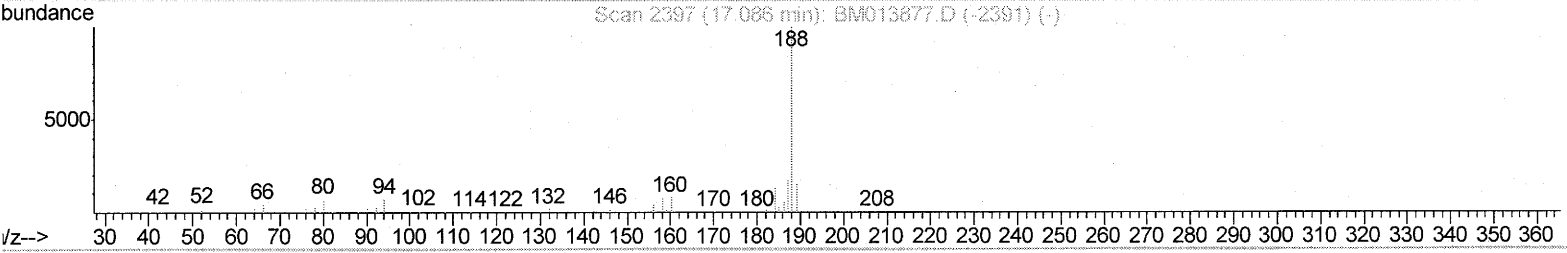
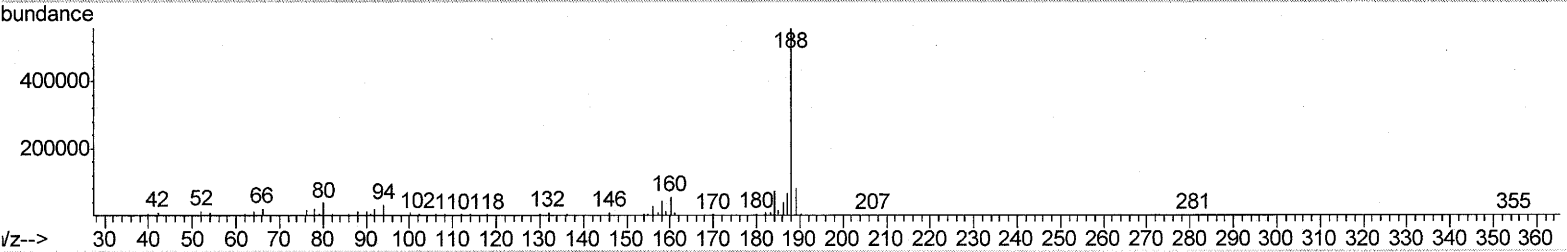
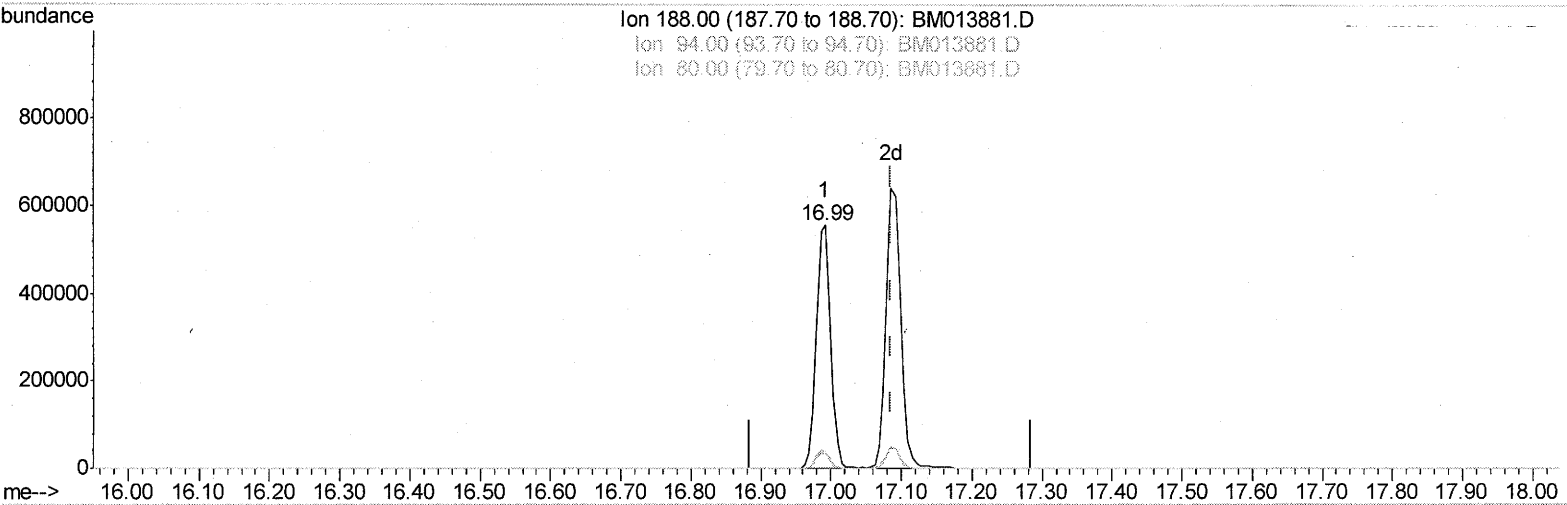
| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 96.00 | 100   | 100    |
| 64.00 | 74.90 | 59.54# |
| 34.00 | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\  
 Data File : BM013881.D  
 Acq On : 27 Jan 2018 13:19  
 Operator : SJ/JU  
 Sample : J1245-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 F6B64

Manual Integrations  
 APPROVED  
 Sohil  
 1/29/2018 6:03:26 PM

Quant Time: Jan 28 01:20:08 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Jan 28 01:01:50 2018  
 Response via : Initial Calibration



(70) Anthracene-d10 (S)  
 16.992min (-0.094) 20.53ng/ul  
 response 780727

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 5.70 | 5.69 |
| 80.00  | 5.90 | 6.60 |
| 0.00   | 0.00 | 0.00 |

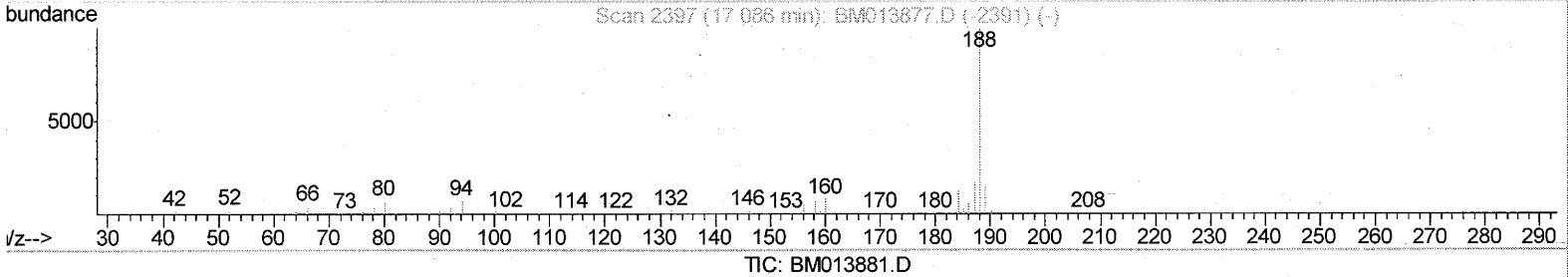
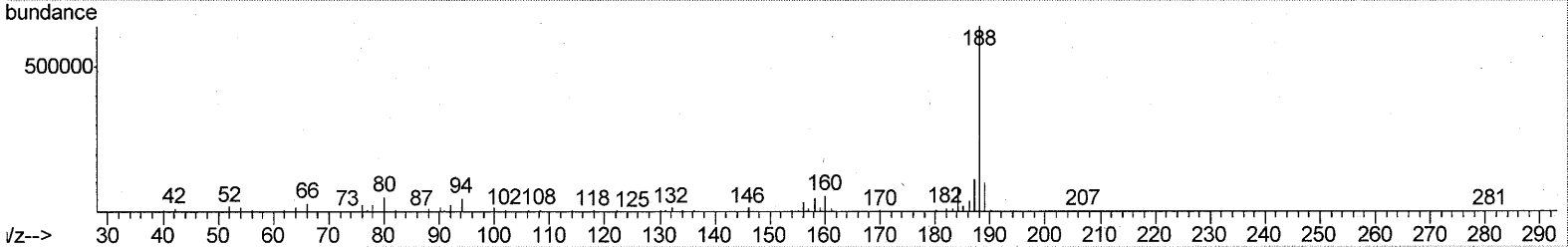
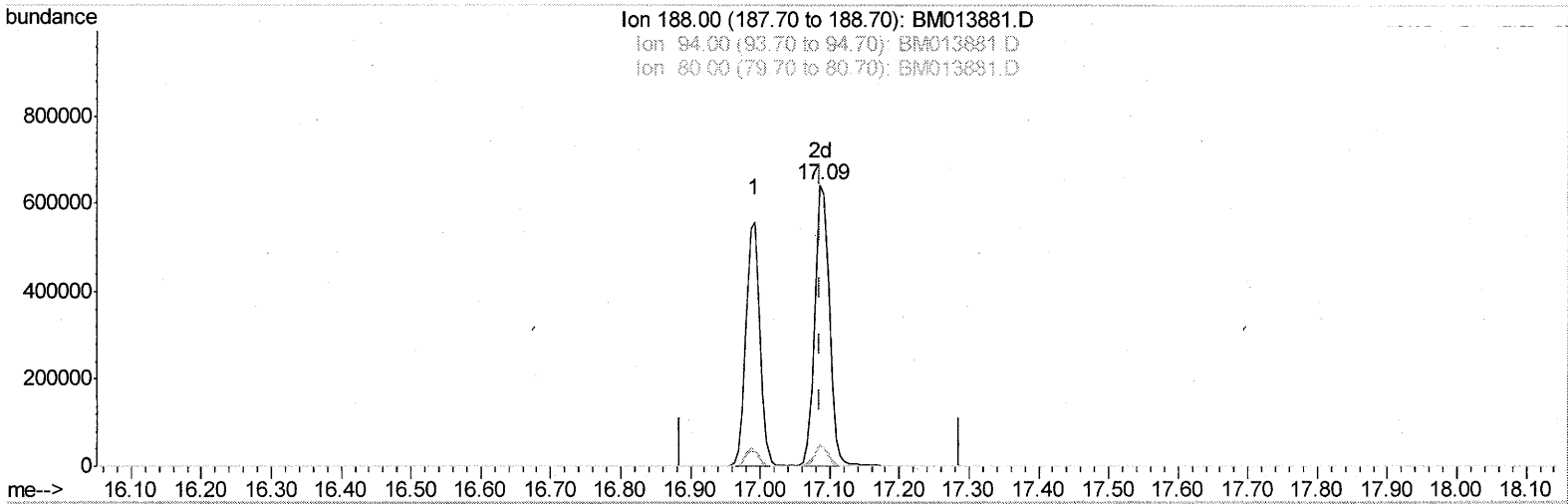
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\  
 Data File : BM013881.D  
 Acq On : 27 Jan 2018 13:19  
 Operator : SJ/JU  
 Sample : J1245-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 F6B64

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:03:26 PM

Quant Time: Jan 28 01:20:08 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Jan 28 01:01:50 2018  
 Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.086min (0.000) 24.57ng/ul m 6/1/30/18

response 934485

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 5.70 | 7.11# |
| 80.00  | 5.90 | 7.86# |
| 0.00   | 0.00 | 0.00  |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\  
Data File : BM013881.D  
Acq On : 27 Jan 2018 13:19  
Operator : SJ/JU  
Sample : J1245-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6B64

Manual Integrations  
APPROVED  
Sohil  
1/29/2018 6:03:26 PM

Quant Time: Jan 28 01:21:05 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun Jan 28 01:01:50 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 140279   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 541900   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 330461   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 780727   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.19 | 240  | 849385   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.38 | 264  | 737235   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 10929m  | 3.08  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.77  | 99  | 229879  | 21.35 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 138000  | 21.15 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 195036  | 22.23 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 197126  | 23.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.75  | 128 | 96748   | 23.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.46  | 143 | 104306  | 23.48 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 201092  | 23.43 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.51 | 131 | 235065  | 31.56 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.66 | 166 | 672949  | 24.71 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.93 | 160 | 840153  | 24.19 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.48 | 143 | 64947   | 14.67 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.23 | 176 | 584724  | 24.41 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 76821   | 16.35 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.09 | 188 | 934485m | 24.57 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.39 | 212 | 1058590 | 26.77 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.24 | 264 | 875006  | 25.82 | ng/ul | 0.00 |

| Target Compounds      | Ovalue |     |       |       |        |    |
|-----------------------|--------|-----|-------|-------|--------|----|
| 6) Phenol             | 6.80   | 94  | 23447 | 2.171 | ng/ul  | 91 |
| 44) Dimethylphthalate | 13.70  | 163 | 98464 | 3.677 | ng/ul# | 97 |

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