

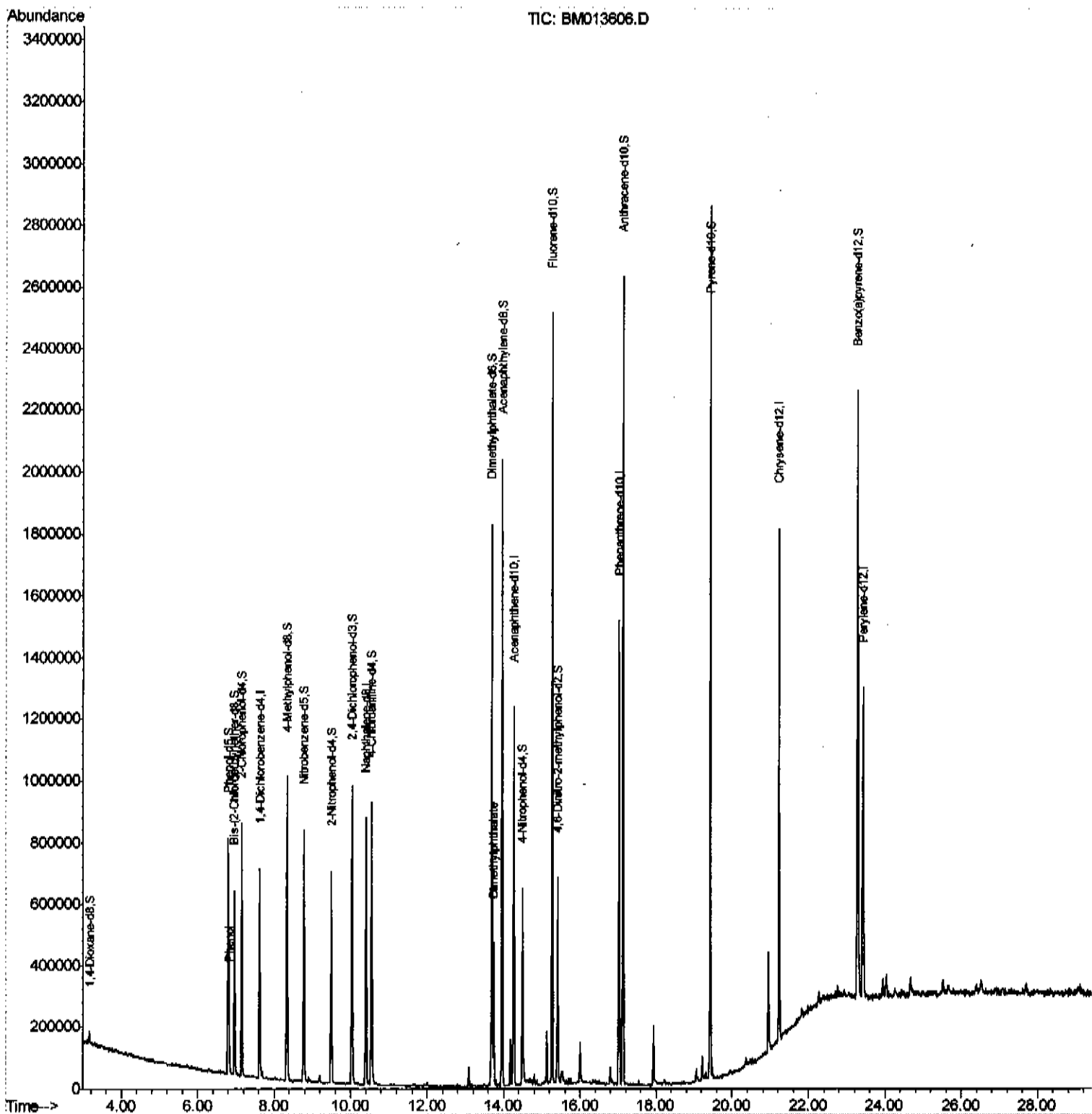
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011518\  
Data File : BM013606.D  
Acq On : 16 Jan 2018 03:42  
Operator : SJ/JU  
Sample : J1080-05  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
DAJL4

Manual Integrations  
APPROVED

Sohil  
1/16/2018 5:06:24 PM

Quant Time: Jan 16 07:16:41 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 16 07:13:29 2018  
Response via : Initial Calibration



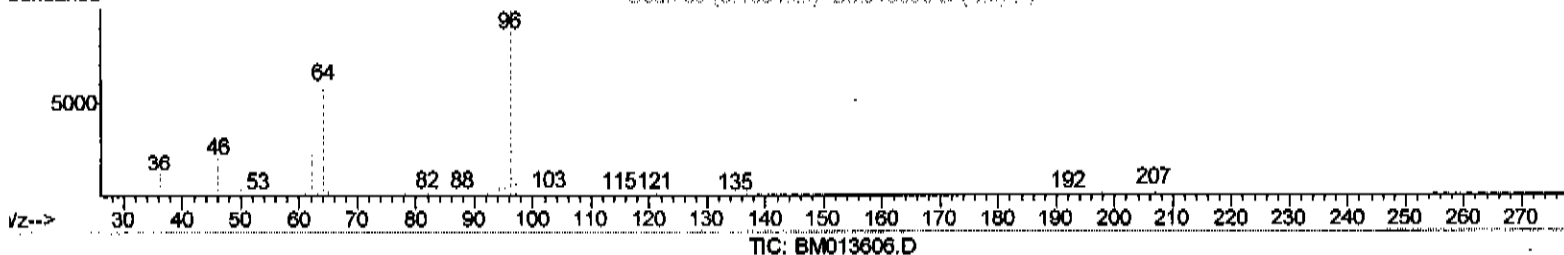
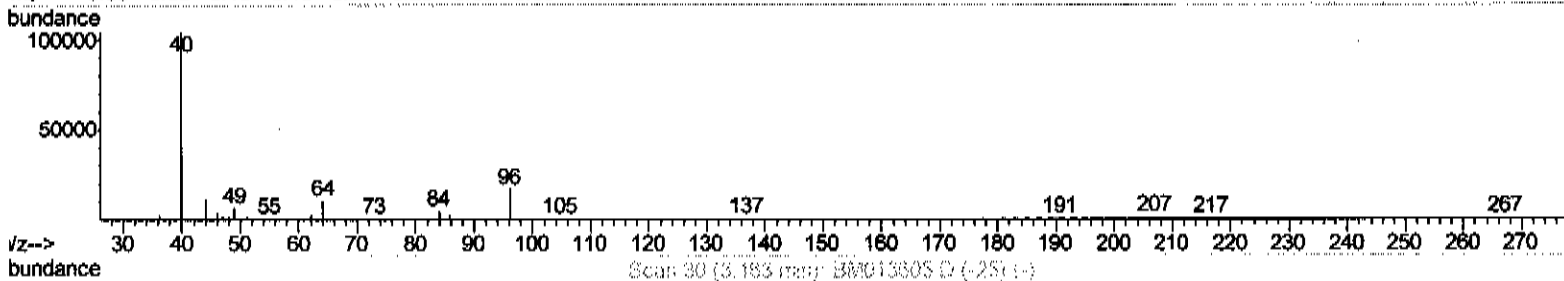
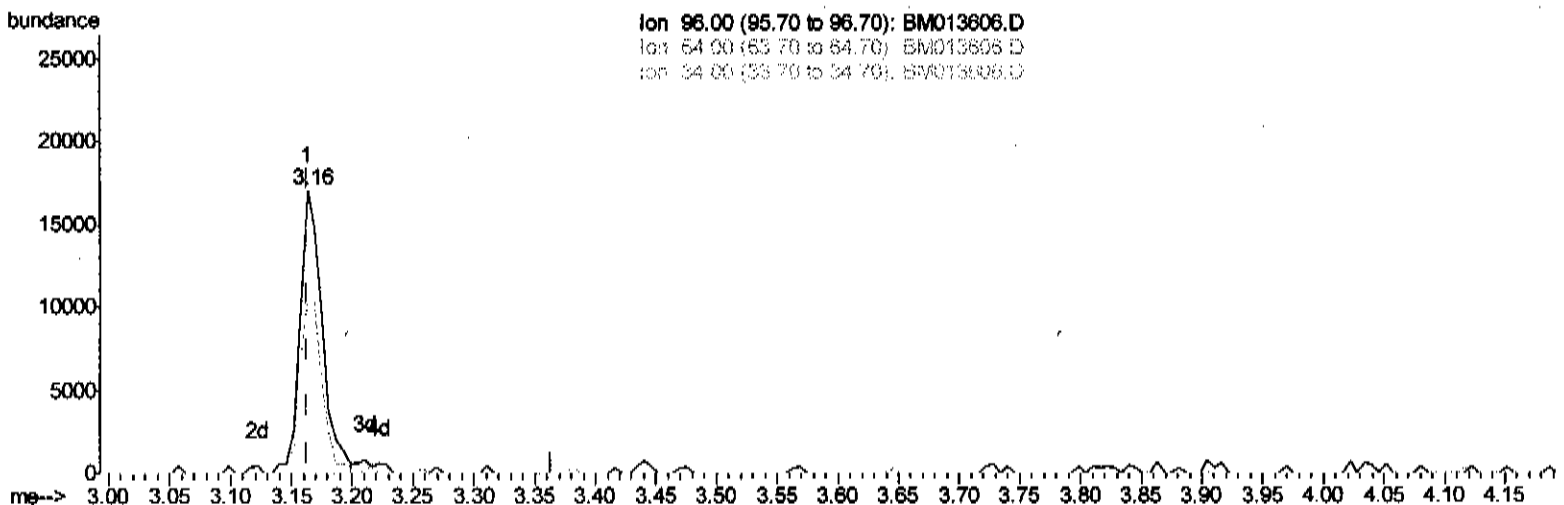
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Manual Integrations  
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 1/16/2018 5:06:24 PM

Quant Time: Jan 16 07:13:44 2018  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 16 07:13:29 2018  
 Response via : Initial Calibration



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

3.163min (+0.000) 5.01ng/uL

response 21847

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 61.19 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

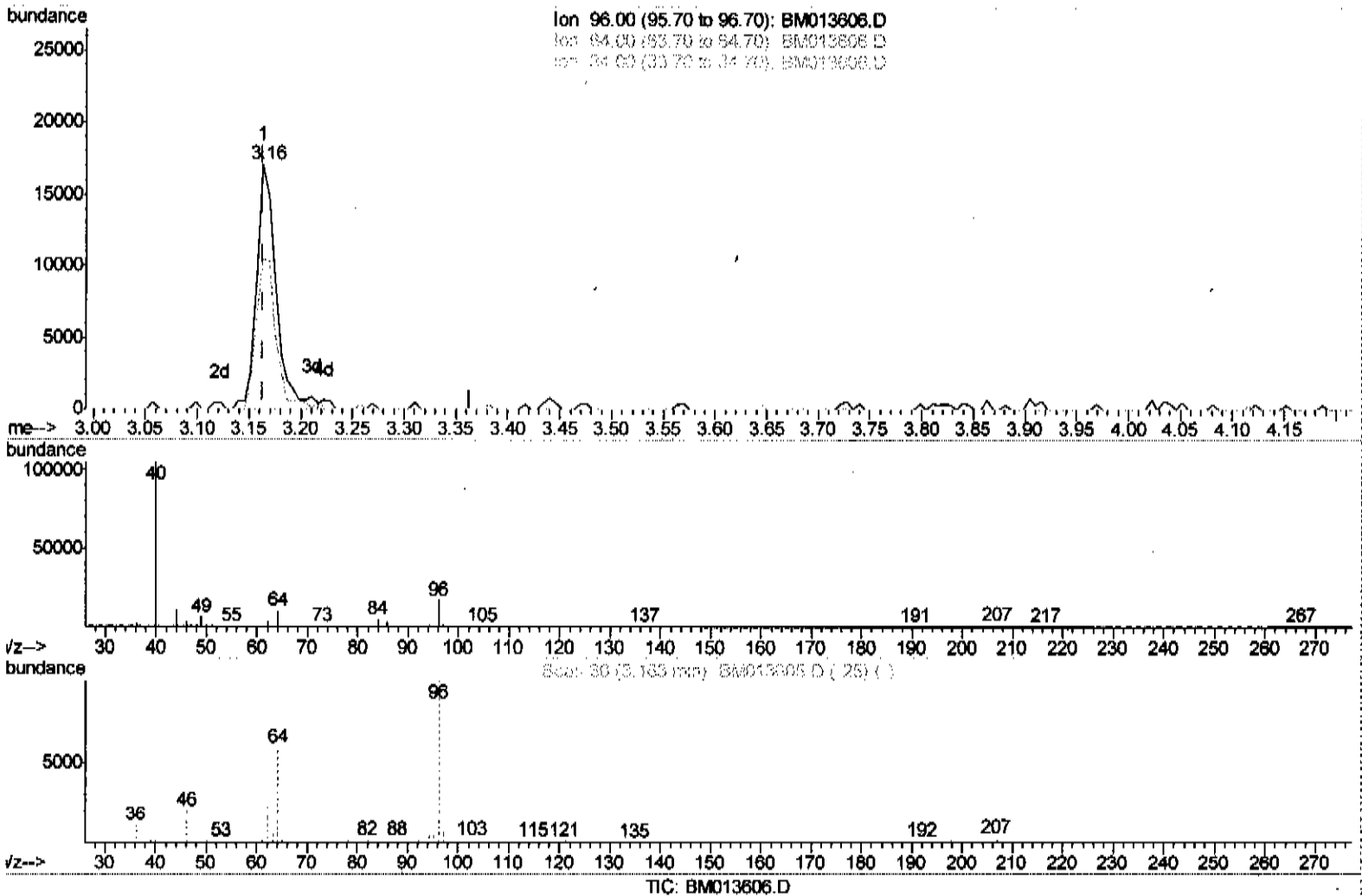
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Instrument :  
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 DAJL4

Manual Integrations  
 APPROVED

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 QLast Update : Tue Jan 16 07:13:29 2018  
 Response via : Initial Calibration



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

3.163min (+0.000) 5.16ng/uL

response 22532

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 96.00 | 100   | 100    |
| 64.00 | 74.90 | 59.33# |
| 34.00 | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

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ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
DAJL4

Manual Integrations  
APPROVED

Sohil  
1/16/2018 5:06:24 PM

Quant Time: Jan 16 07:16:41 2018  
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QLast Update : Tue Jan 16 07:13:29 2018  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.62  | 152  | 172511   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8             | 10.40 | 136  | 669193   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10           | 14.27 | 164  | 382827   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10           | 17.02 | 188  | 818339   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12               | 21.22 | 240  | 794552   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12               | 23.42 | 264  | 741246   | 20.00 | ng/ul | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 3) 1,4-Dioxane-d8              | 3.16  | 96   | 22532m   | 5.16  | ng/ul | 0.00     |
| 5) Phenol-d5                   | 6.80  | 99   | 406821   | 30.72 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67   | 245426   | 30.59 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.16  | 132  | 328457   | 30.44 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.33  | 113  | 342206   | 33.61 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.77  | 128  | 174973   | 33.70 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.49  | 143  | 185466   | 33.80 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165  | 333749   | 31.49 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.55 | 131  | 449009   | 48.82 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.69 | 166  | 1084523  | 34.37 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 13.96 | 160  | 1395148  | 34.67 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.49 | 143  | 141560   | 27.61 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.27 | 176  | 913984   | 32.94 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200  | 134560   | 27.32 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.12 | 188  | 1373094  | 34.45 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.42 | 212  | 1433385  | 38.75 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.28 | 264  | 1263752  | 37.09 | ng/ul | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 6) Phenol                      | 6.83  | 94   | 46836    | 3.526 | ng/ul | 91       |
| 44) Dimethylphthalate          | 13.73 | 163  | 254902   | 8.217 | ng/ul | 99       |

ju 01/13/18

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