

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM062117\  
Quantitation Report (Qedit)

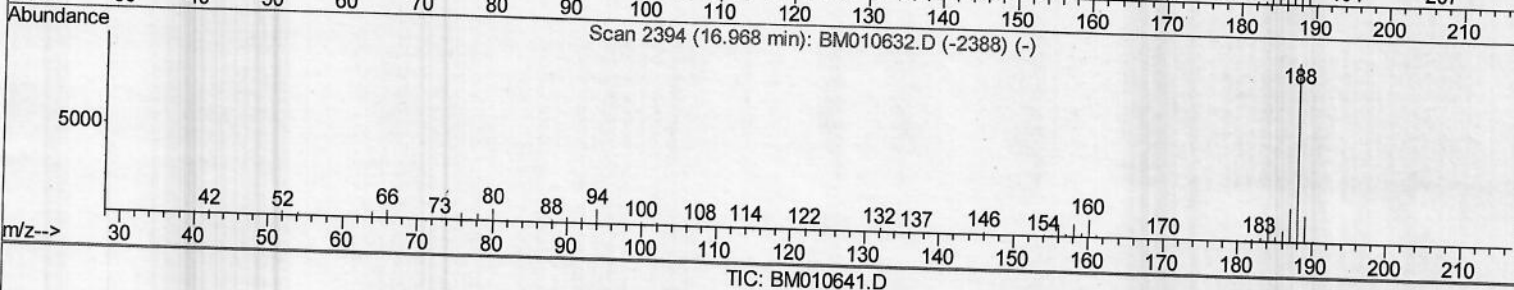
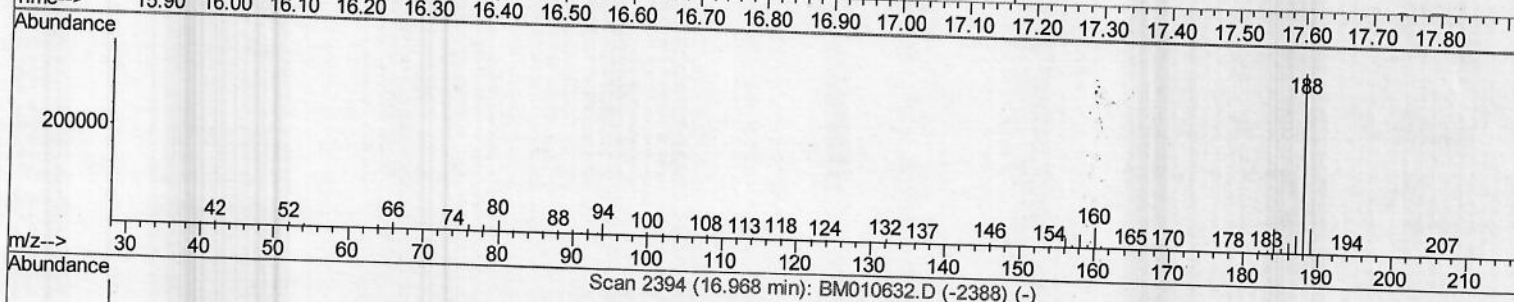
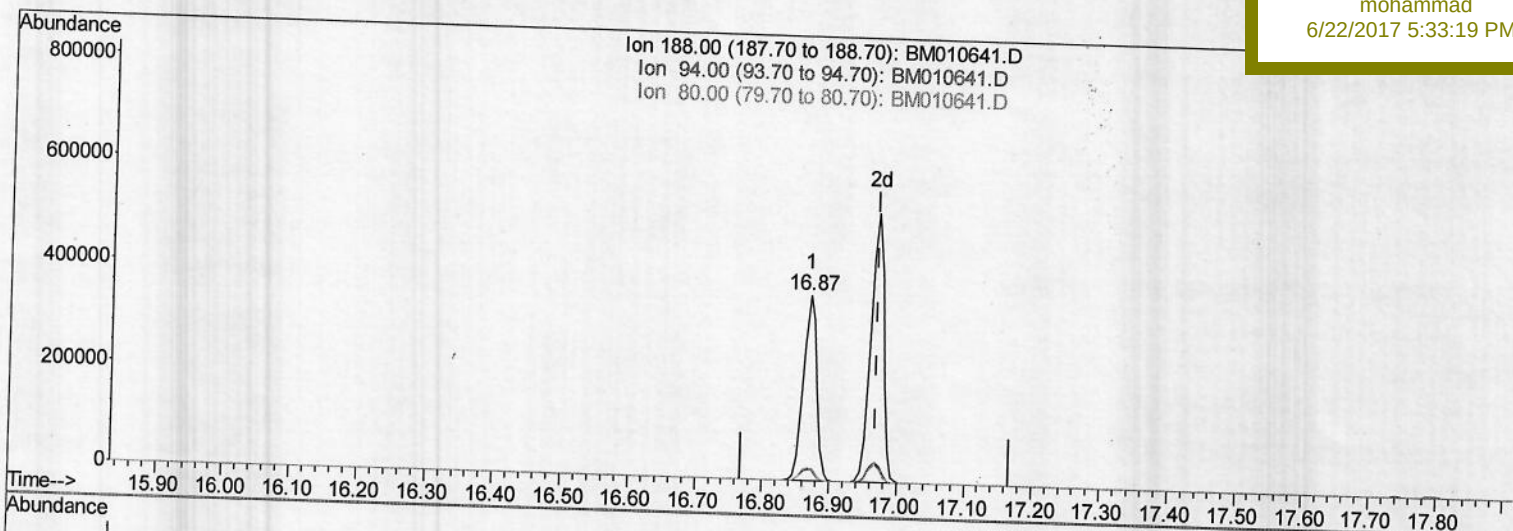
Data File : BM010641.D  
Acq On : 22 Jun 2017 02:03  
Operator : SJ/JU  
Sample : I3625-17  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 22 04:08:10 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM062017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 22 01:38:18 2017  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
F5E17

Manual Integrations  
APPROVED

mohammad  
6/22/2017 5:33:19 PM



(70) Anthracene-d10 (S)

16.868min (-0.100) 20.71ng/ul

response 495018

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 5.70 | 6.14 |
| 80.00  | 5.90 | 6.28 |
| 0.00   | 0.00 | 0.00 |

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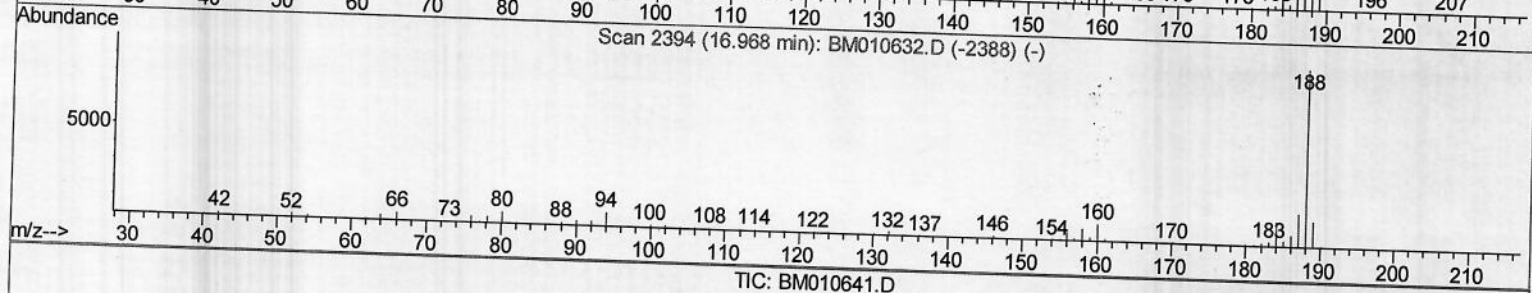
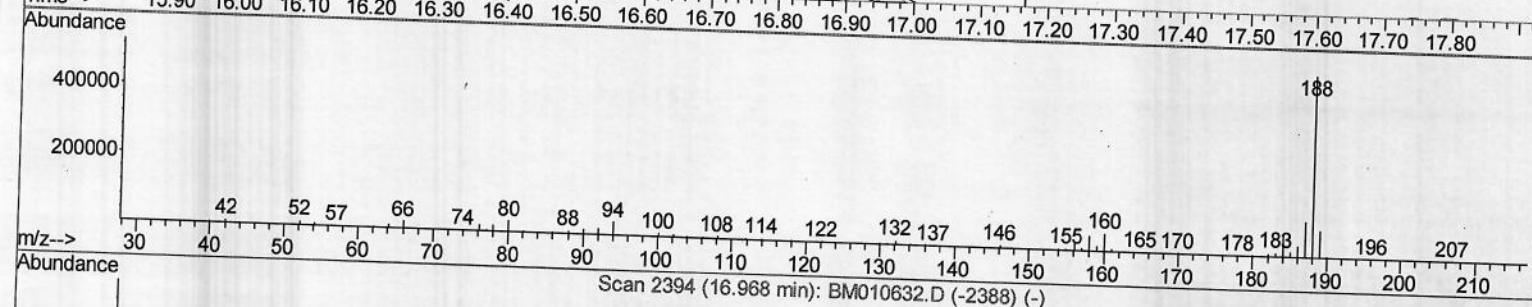
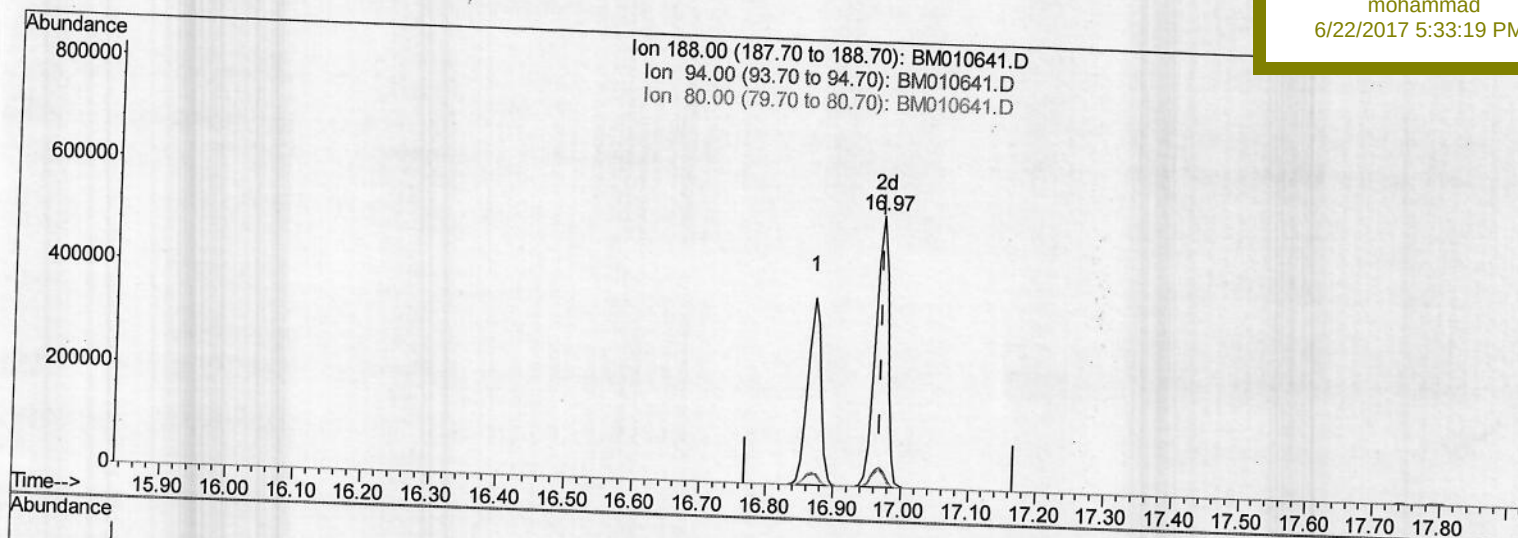
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(70) Anthracene-d10 (S)

16.968min (-0.000) 29.36ng/ul m

response 701750

Ion Exp% Act%

188.00 100 100

94.00 5.70 7.45#

80.00 5.90 6.17

0.00 0.00 0.00

5.5  
06/27/2017



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Operator : SJ/JU

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.46  | 152  | 56620    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8             | 10.23 | 136  | 271150   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10           | 14.12 | 164  | 189981   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10           | 16.87 | 188  | 495018   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12               | 21.09 | 240  | 614173   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12               | 23.22 | 264  | 516625   | 20.00 | ng/ul | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 3) 1,4-Dioxane-d8              | 3.08  | 96   | 5351     | 5.42  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.65  | 99   | 127002   | 23.55 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.82  | 67   | 74615    | 24.23 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.00  | 132  | 99147    | 26.20 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.17  | 113  | 112160   | 25.08 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.61  | 128  | 55186    | 28.53 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.32  | 143  | 65960    | 29.60 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.85  | 165  | 125051   | 26.65 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.37 | 131  | 131873   | 26.67 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.54 | 166  | 497878   | 29.85 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 13.80 | 160  | 553531   | 28.53 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.33 | 143  | 74429    | 25.36 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.12 | 176  | 420583   | 29.17 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.24 | 200  | 85901    | 28.25 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 16.97 | 188  | 701750m  | 29.36 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.28 | 212  | 813109   | 28.50 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.09 | 264  | 727036   | 29.12 | ng/ul | 0.00     |

## Target Compounds

|                          |       |     |        |       | Qvalue    |
|--------------------------|-------|-----|--------|-------|-----------|
| 6) Phenol                | 6.67  | 94  | 70667  | 12.72 | ng/ul 98  |
| 11) 2-Methylphenol       | 7.90  | 108 | 23969  | 5.66  | ng/ul 99  |
| 16) 4-Methylphenol       | 8.23  | 108 | 69599  | 14.94 | ng/ul 100 |
| 24) 2,4-Dimethylphenol   | 9.42  | 107 | 37541  | 6.24  | ng/ul 98  |
| 28) Naphthalene          | 10.27 | 128 | 576786 | 42.75 | ng/ul 99  |
| 34) 2-Methylnaphthalene  | 11.90 | 142 | 135161 | 12.46 | ng/ul 98  |
| 40) 1,1'-Biphenyl        | 12.94 | 154 | 38380  | 2.58  | ng/ul# 93 |
| 44) Dimethylphthalate    | 13.59 | 163 | 136561 | 8.35  | ng/ul 96  |
| 49) Acenaphthene         | 14.18 | 153 | 138858 | 11.14 | ng/ul 97  |
| 53) Dibenzofuran         | 14.52 | 168 | 158455 | 8.39  | ng/ul# 86 |
| 58) Fluorene             | 15.17 | 166 | 158011 | 10.00 | ng/ul 98  |
| 69) Phenanthrene         | 16.91 | 178 | 712310 | 27.07 | ng/ul 98  |
| 71) Anthracene           | 17.00 | 178 | 88904  | 3.28  | ng/ul 99  |
| 72) Carbazole            | 17.27 | 167 | 75869  | 3.21  | ng/ul 98  |
| 74) Fluoranthene         | 18.94 | 202 | 463652 | 13.67 | ng/ul# 97 |
| 77) Pyrene               | 19.31 | 202 | 302308 | 8.52  | ng/ul 99  |
| 80) Benzo(a)anthracene   | 21.07 | 228 | 98240  | 2.75  | ng/ul 98  |
| 82) Chrysene             | 21.12 | 228 | 71548  | 2.24  | ng/ul 99  |
| 85) Benzo(b)fluoranthene | 22.59 | 252 | 46268  | 1.38  | ng/ul# 98 |

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



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