

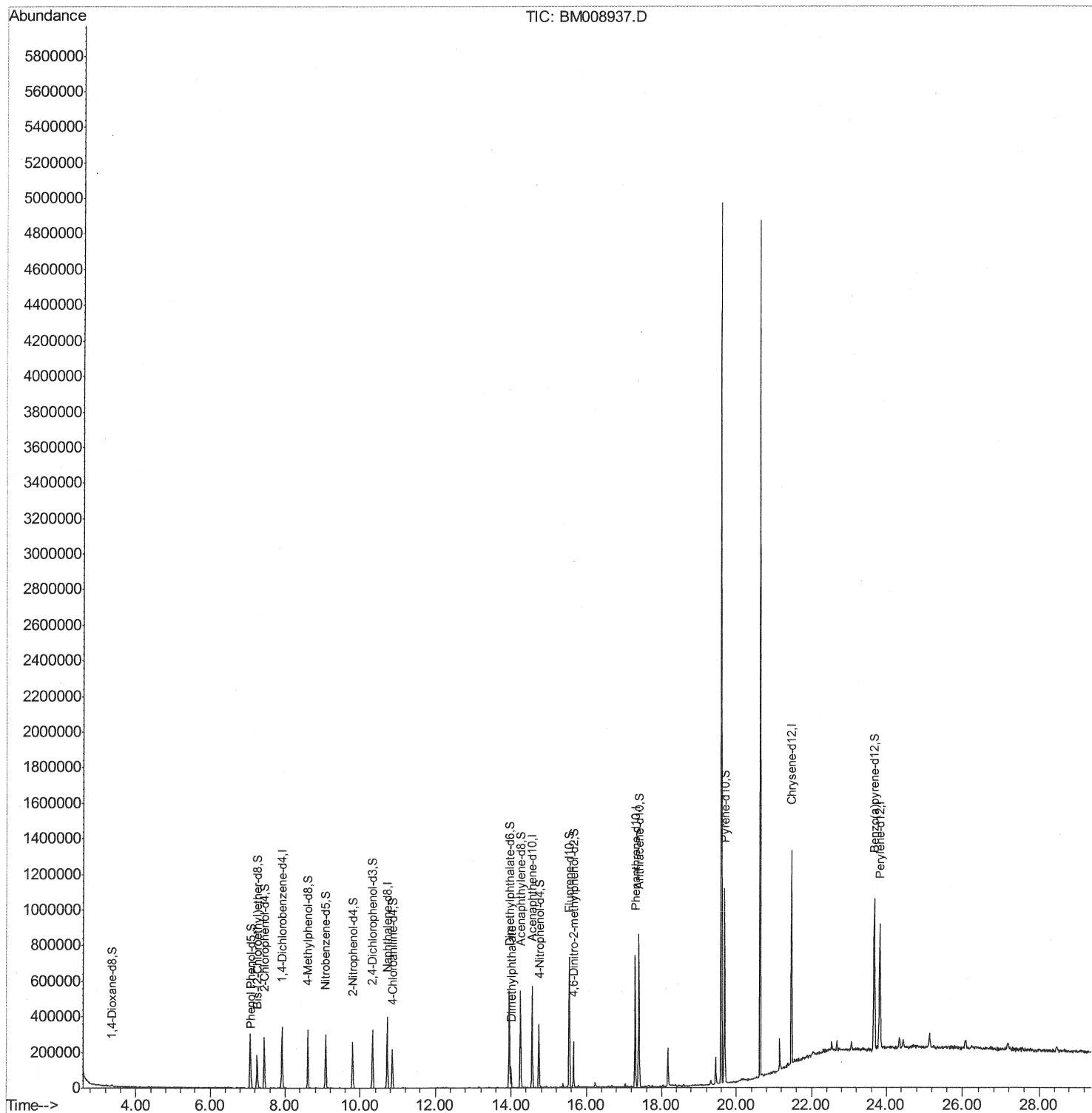
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM013017\  
Data File : BM008937.D  
Acq On : 31 Jan 2017 06:18  
Operator : SJ/MA  
Sample : I1467-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BDMT8

Manual Integrations  
APPROVED

mohammad  
1/31/2017 3:40:26 PM

Quant Time: Jan 31 07:08:03 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM013017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 31 03:36:05 2017  
Response via : Initial Calibration



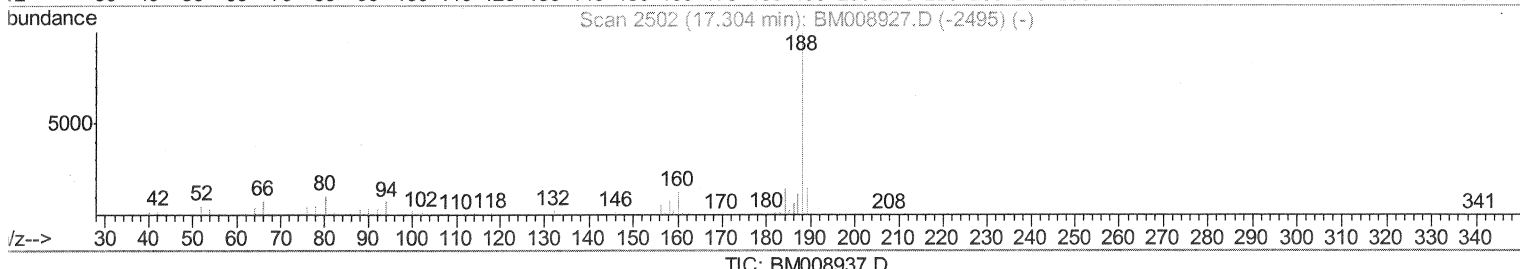
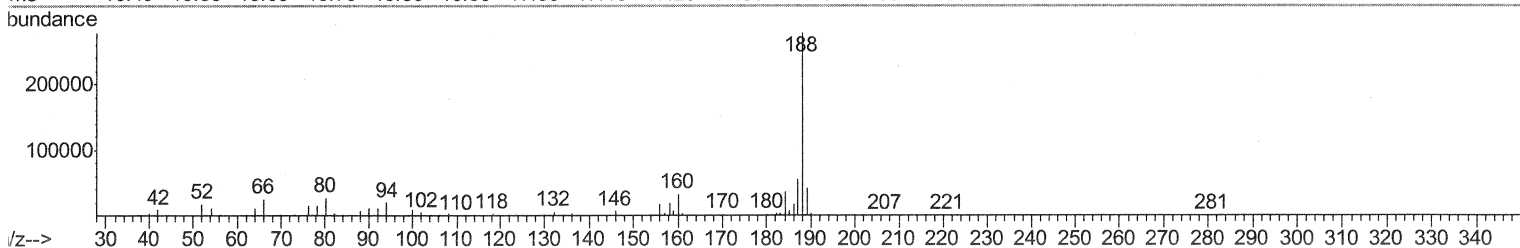
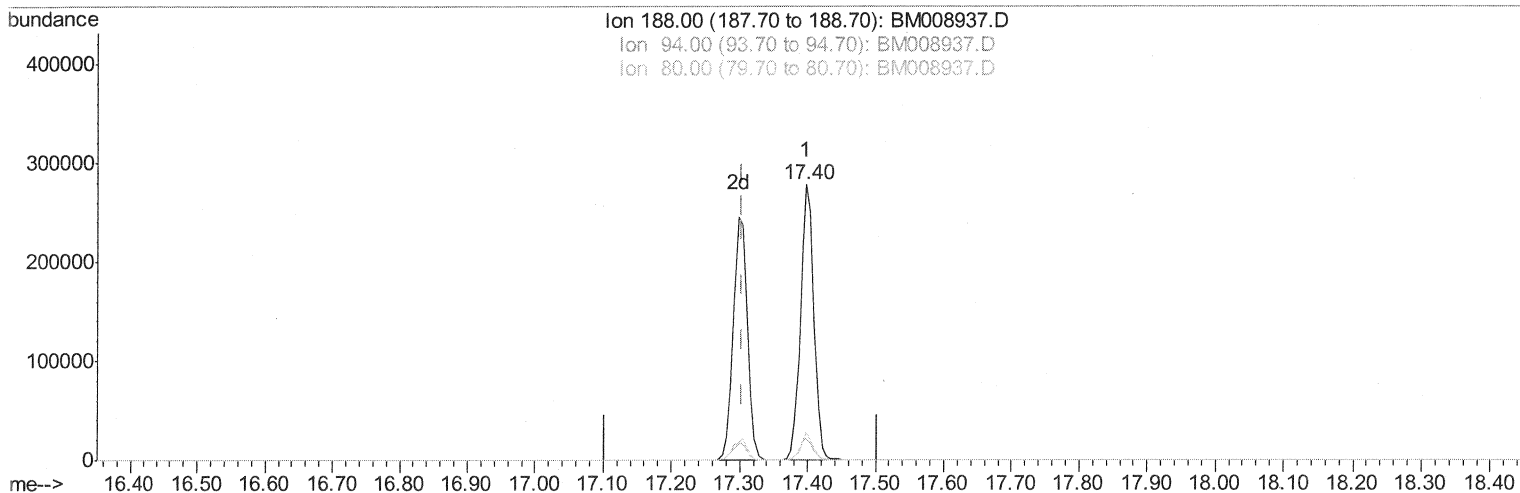
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TIC: BM008937.D

(61) Phenanthrene-d10 (I)

17.398min (+0.094) 20.00ng/ul

response 389208

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 7.00 | 7.63  |
| 80.00  | 9.60 | 10.00 |
| 0.00   | 0.00 | 0.00  |

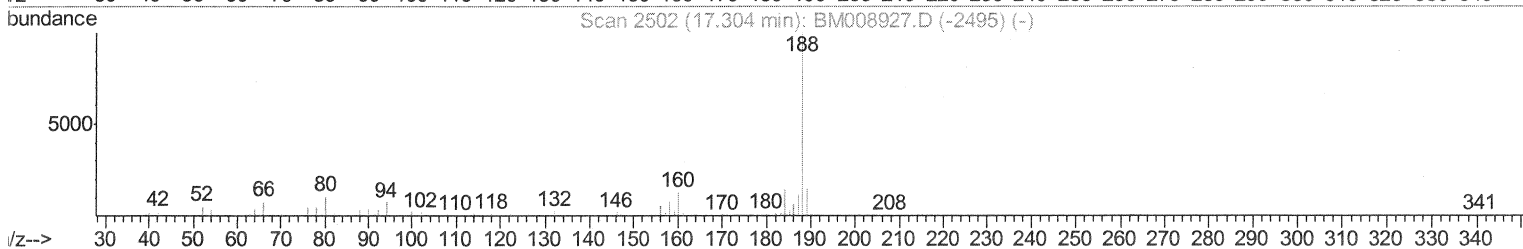
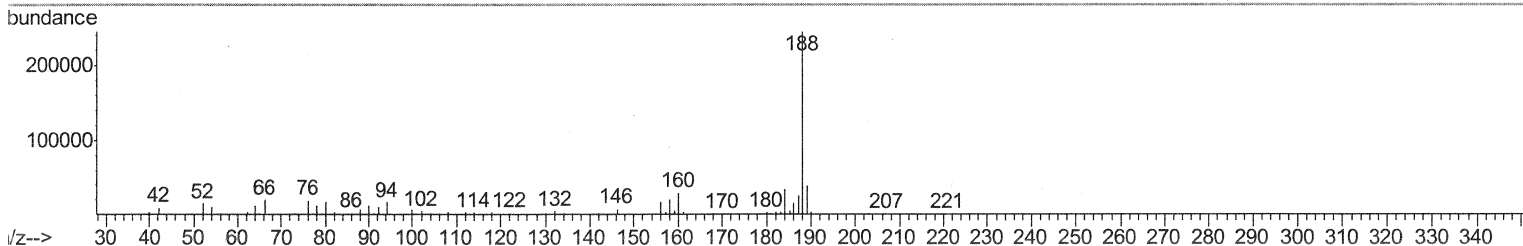
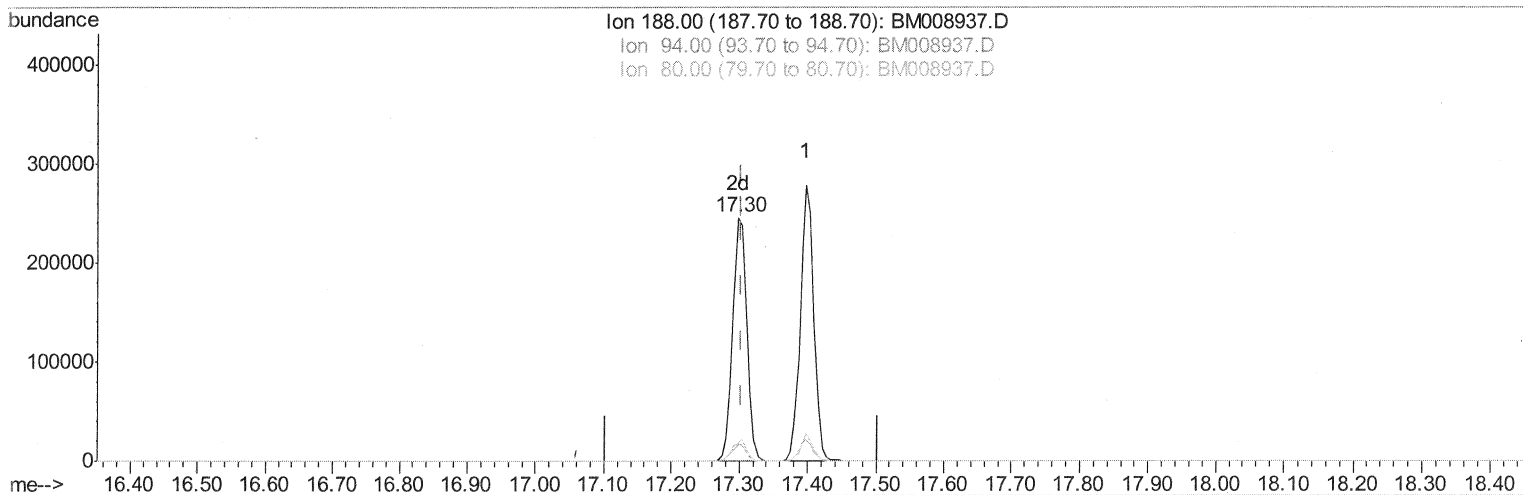
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BNA\_M  
ClientSampleId :  
BDMT8

Manual Integrations  
APPROVED

mohammad  
1/31/2017 3:40:26 PM

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QLast Update : Tue Jan 31 03:36:05 2017  
Response via : Initial Calibration



TIC: BM008937.D

(61) Phenanthrene-d10 (I)

17.298min (-0.006) 20.00ng/ul m

SJ 1/31/17

response 350465

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 7.00 | 6.77  |
| 80.00  | 9.60 | 7.32# |
| 0.00   | 0.00 | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM013017\  
 Data File : BM008937.D  
 Acq On : 31 Jan 2017 06:18  
 Operator : SJ/MA  
 Sample : I1467-11  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDMT8

Manual Integrations  
 APPROVED

mohammad  
 1/31/2017 3:40:26 PM

Quant Time: Jan 31 07:08:03 2017  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 31 03:36:05 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 50440    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.72 | 136  | 202555   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.56 | 164  | 151297   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.30 | 188  | 350465m) | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.47 | 240  | 527553   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.83 | 264  | 495479   | 20.00 | ng/ul | 0.00     |

SJ 1/31/17

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.38  | 96   | 3955     | 3.14  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.07  | 99   | 93164    | 19.77 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.25  | 67   | 82987    | 21.51 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.45  | 132  | 59932    | 20.61 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.61  | 113  | 70173    | 19.70 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.08  | 128  | 30928    | 21.15 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.80  | 143  | 33399    | 20.55 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.33 | 165  | 67206    | 19.63 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.85 | 131  | 61990    | 19.76 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.96 | 166  | 226415   | 20.42 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.25 | 160  | 282902   | 22.50 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.74 | 143  | 31566    | 17.44 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.54 | 176  | 223790   | 21.87 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.66 | 200  | 32210    | 14.20 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.40 | 188  | 389208   | 23.24 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.69 | 212  | 482270   | 20.74 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.67 | 264  | 533308   | 23.70 | ng/ul | 0.00     |

| Target Compounds      | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|-----------------------|-------|------|----------|------|--------|--------|
| 6) Phenol             | 7.09  | 94   | 11867    | 2.37 | ng/ul  | 93     |
| 44) Dimethylphthalate | 14.00 | 163  | 44639    | 4.13 | ng/ul# | 98     |

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