

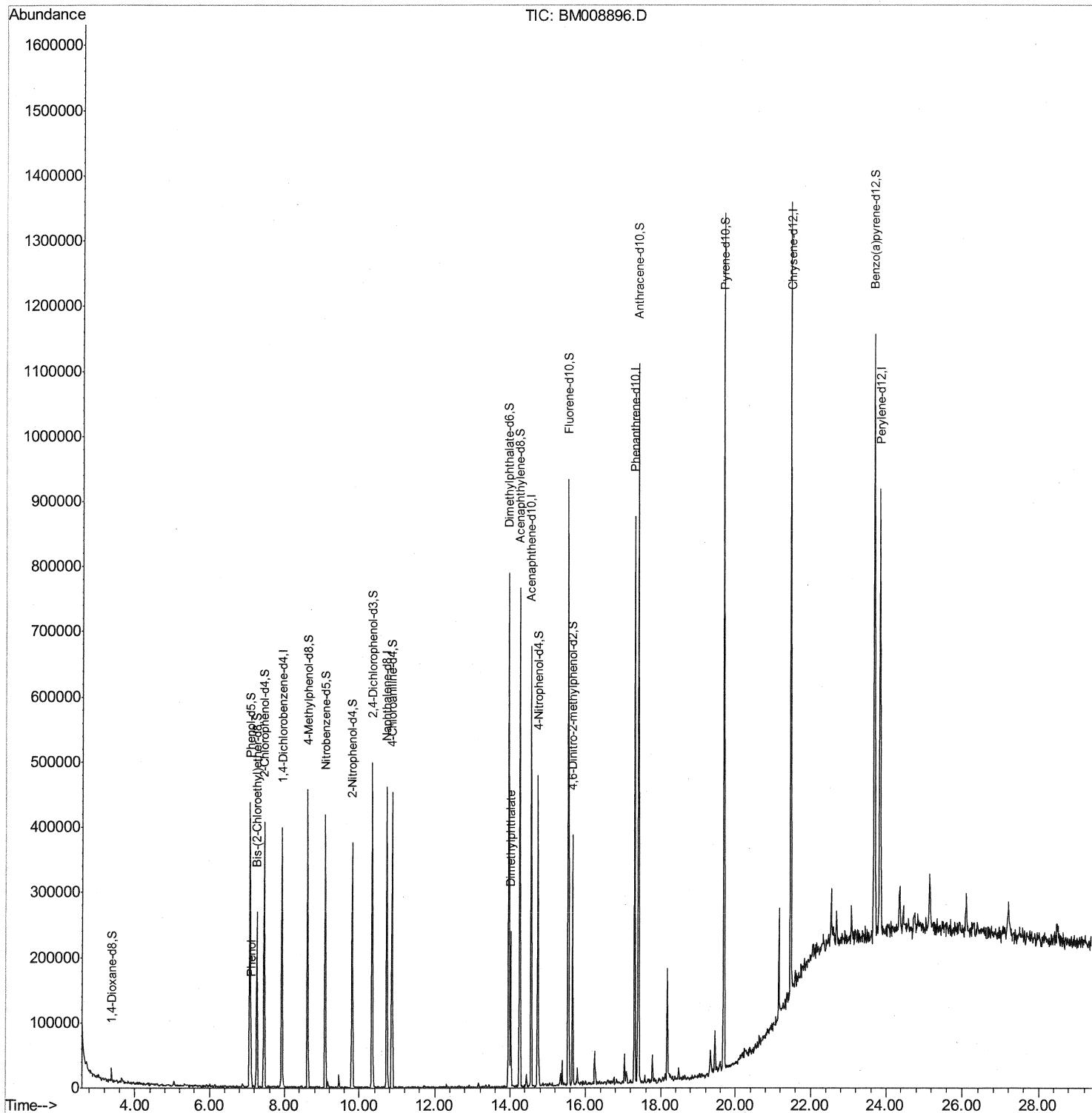
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012617\  
Data File : BM008896.D  
Acq On : 27 Jan 2017 04:34  
Operator : SJ/MA  
Sample : I1426-12  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BDMZ0

Manual Integrations  
APPROVED

mohammad  
1/27/2017 3:08:12 PM

Quant Time: Jan 27 06:01:32 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM012317.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 27 05:52:35 2017  
Response via : Initial Calibration



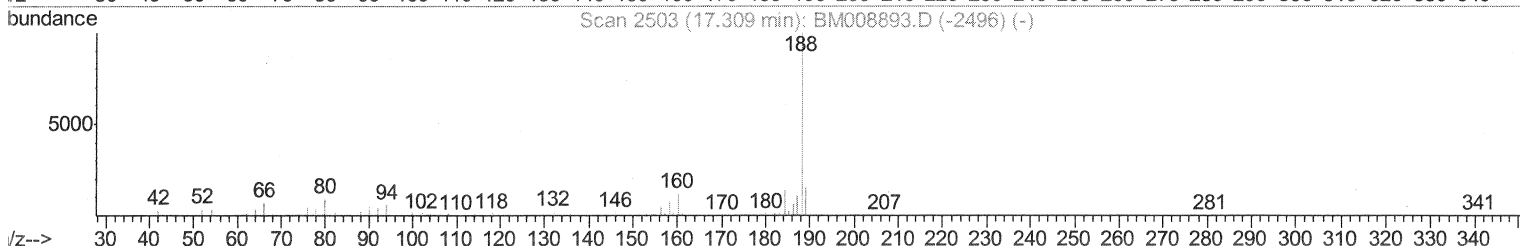
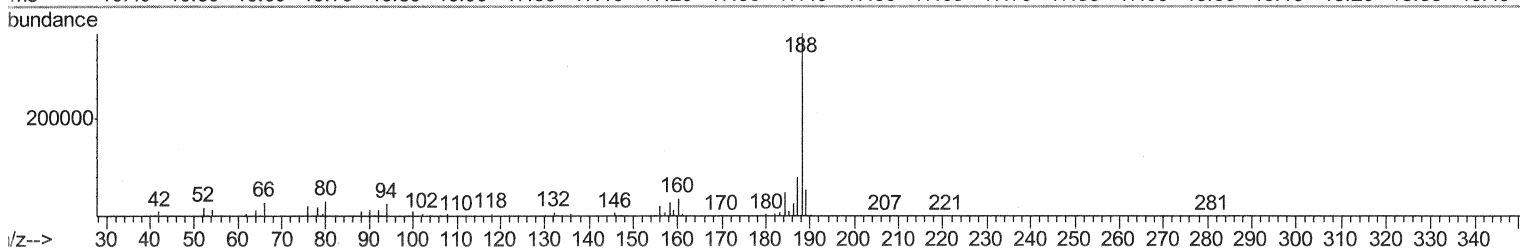
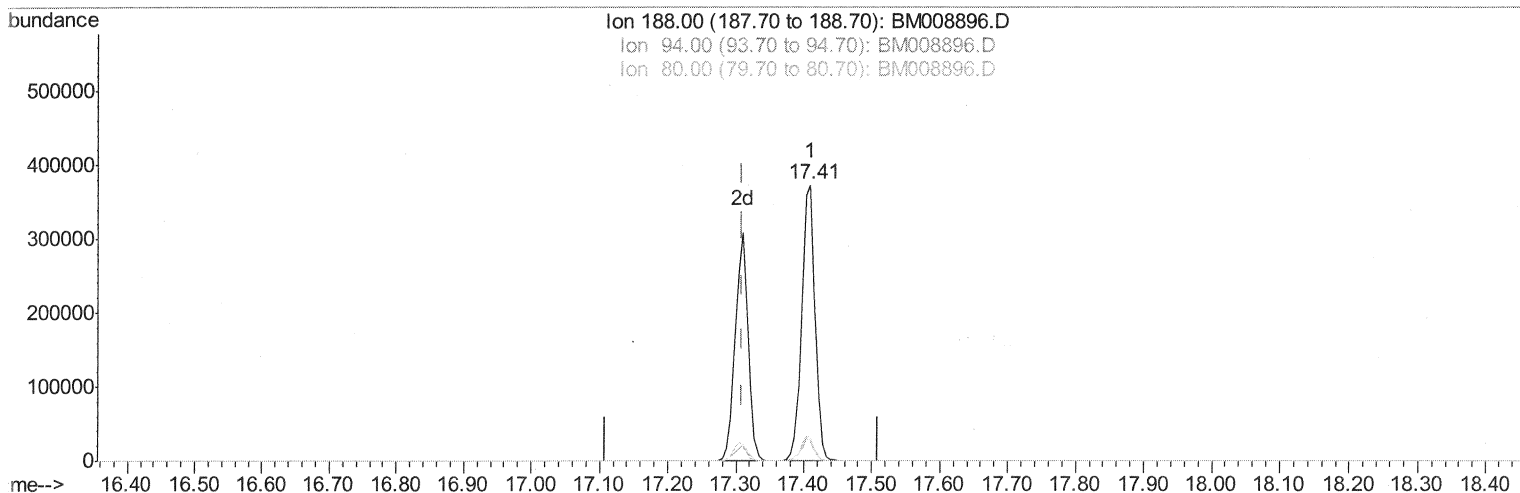
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Quant Time: Jan 27 05:56:47 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM012317.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 27 05:52:35 2017  
 Response via : Initial Calibration



TIC: BM008896.D

(61) Phenanthrene-d10 (I)

17.410min (+0.100) 20.00ng/ul

response 515375

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 8.00 | 7.10 |
| 80.00  | 9.50 | 8.52 |
| 0.00   | 0.00 | 0.00 |

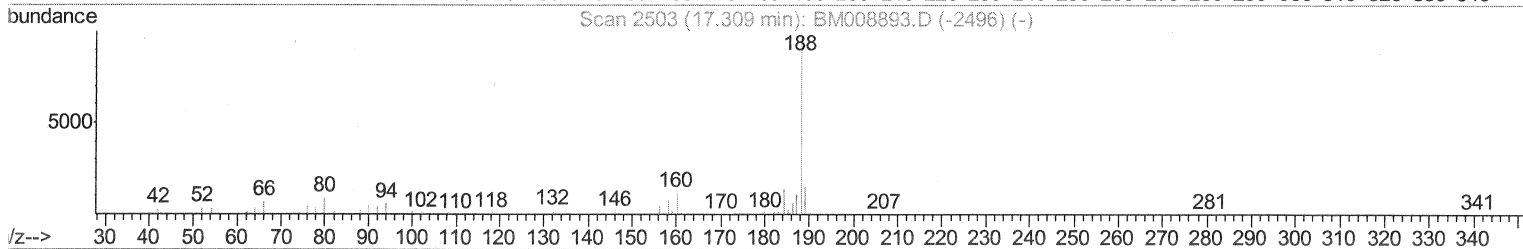
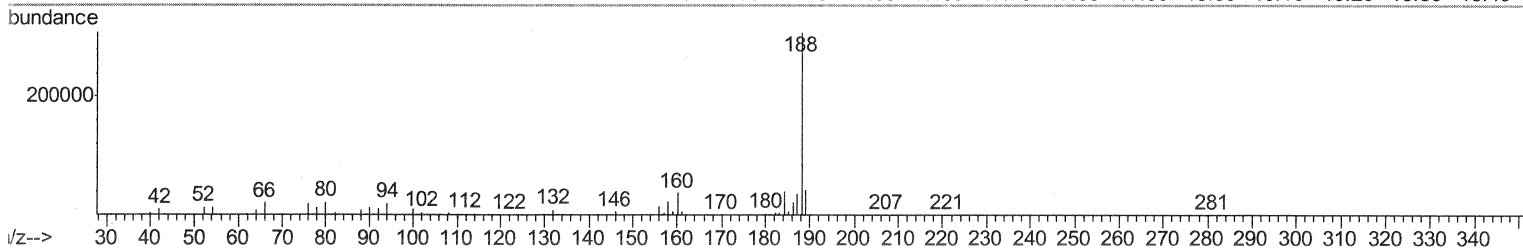
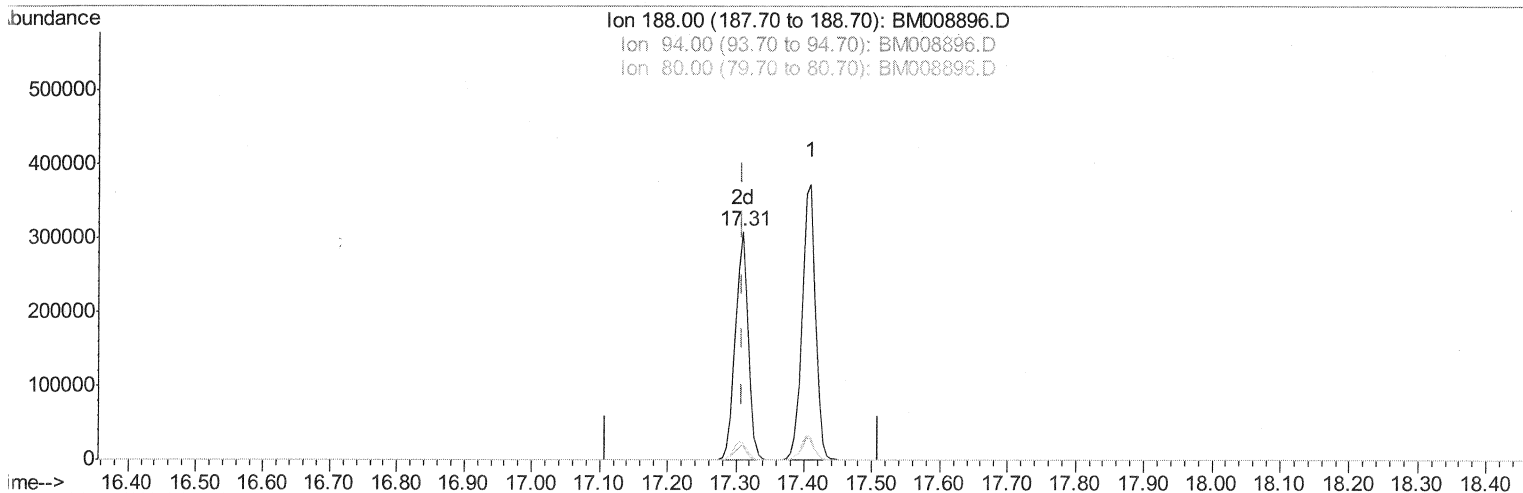
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Manual Integrations  
APPROVED

mohammad  
1/27/2017 3:08:12 PM

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QLast Update : Fri Jan 27 05:52:35 2017  
Response via : Initial Calibration



TIC: BM008896.D

(61) Phenanthrene-d10 (I)

17.310min (+0.000) 20.00ng/ul m

SJ 1/27/17

response 403001

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 8.00 | 6.57  |
| 80.00  | 9.50 | 7.05# |
| 0.00   | 0.00 | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012617\  
 Data File : BM008896.D  
 Acq On : 27 Jan 2017 04:34  
 Operator : SJ/MA  
 Sample : I1426-12  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDMZ0

Manual Integrations  
 APPROVED

mohammad  
 1/27/2017 3:08:12 PM

Quant Time: Jan 27 06:01:32 2017  
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 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.93  | 152  | 63914    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.73 | 136  | 244904   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.56 | 164  | 183742   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.31 | 188  | 403001m) | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.47 | 240  | 516812   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.83 | 264  | 489474   | 20.00 | ng/ul | 0.00     |

SJ 1/27/17

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.39  | 96  | 7495   | 5.80  | ng/uL | 0.01 |
| 5) Phenol-d5                   | 7.07  | 99  | 133126 | 24.59 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.26  | 67  | 114589 | 26.63 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.45  | 132 | 90335  | 25.61 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.62  | 113 | 104720 | 24.70 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.09  | 128 | 45303  | 29.08 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.81  | 143 | 48509  | 25.60 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.34 | 165 | 104881 | 26.44 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.86 | 131 | 119958 | 27.79 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.97 | 166 | 344854 | 28.65 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.26 | 160 | 394954 | 27.73 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.74 | 143 | 44538  | 22.12 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.56 | 176 | 303508 | 26.54 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.67 | 200 | 52299  | 21.79 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.41 | 188 | 515375 | 29.24 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.69 | 212 | 622363 | 27.46 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.68 | 264 | 584496 | 28.20 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |        |             | Qvalue |
|-----------------------|-------|-----|--------|-------------|--------|
| 6) Phenol             | 7.10  | 94  | 18914  | 3.20 ng/ul# | 45     |
| 44) Dimethylphthalate | 14.02 | 163 | 100271 | 8.33 ng/ul# | 98     |

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