

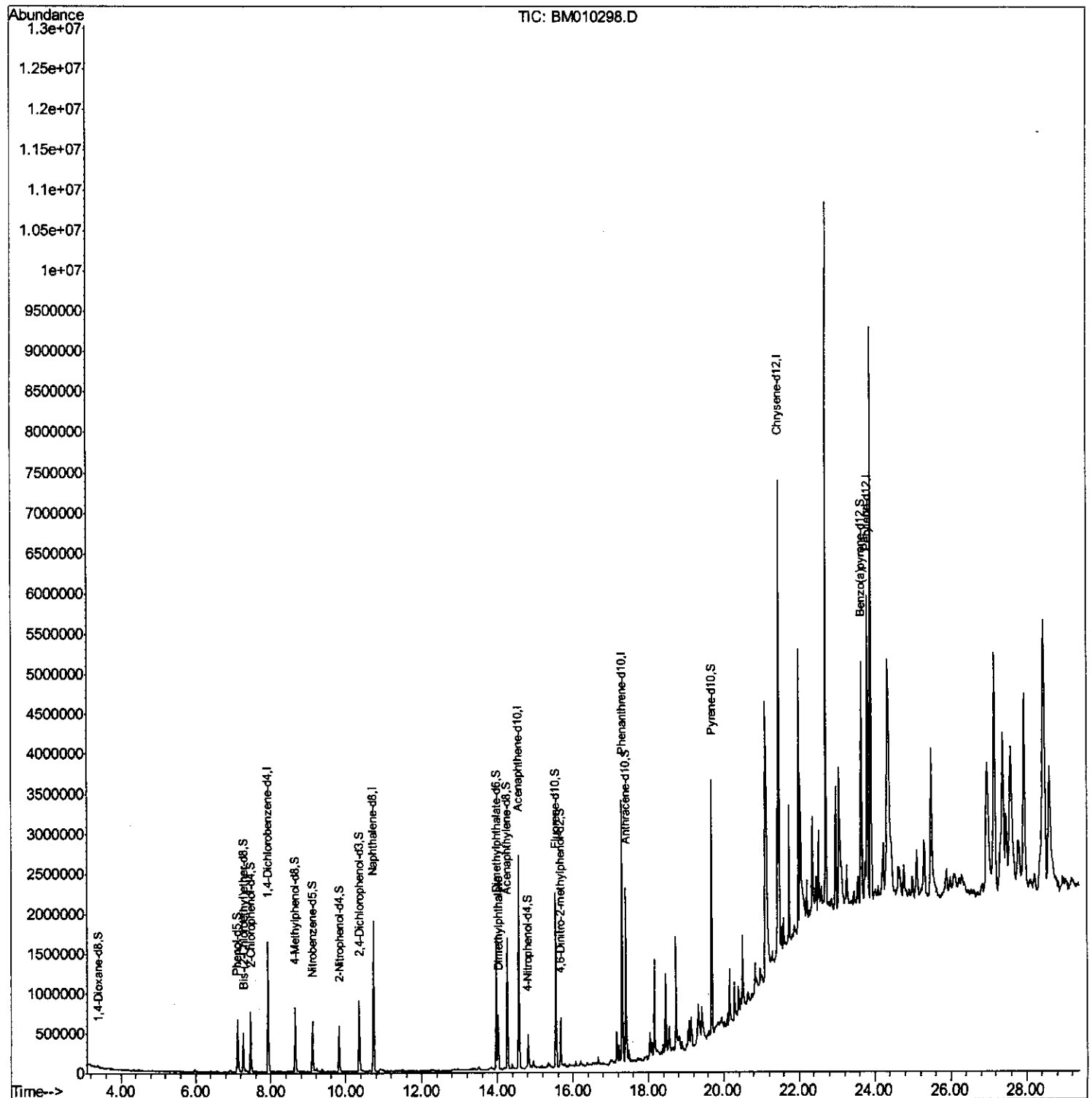
Data Path : Z:\HPCHEM1\BNA M\Data\BM052717\  
Data File : BM010298.D  
Acq On : 28 May 2017 04:44  
Operator : SJ/MA  
Sample : I3162-17  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
JHSF3

Manual Integrations  
APPROVED

mohammad  
5/30/2017 4:41:35 PM

Quant Time: May 29 07:26:30 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon May 29 06:51:20 2017  
Response via : Initial Calibration



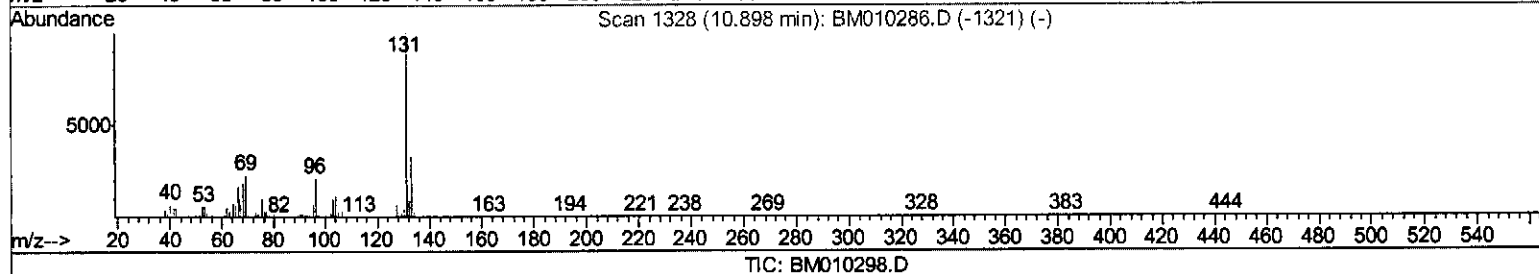
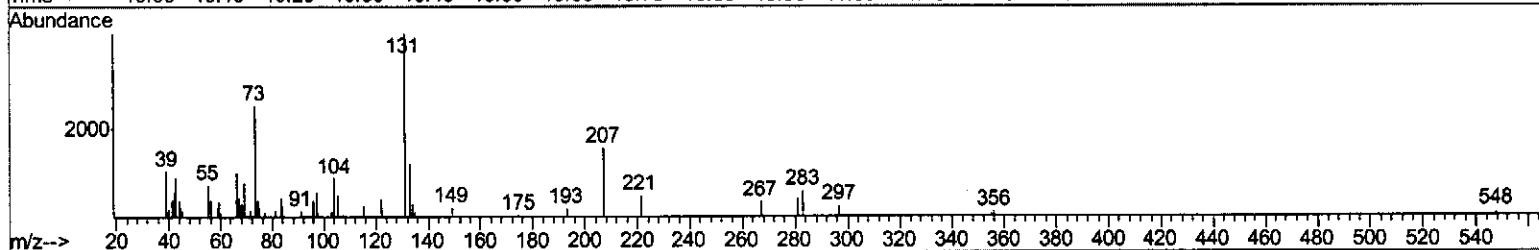
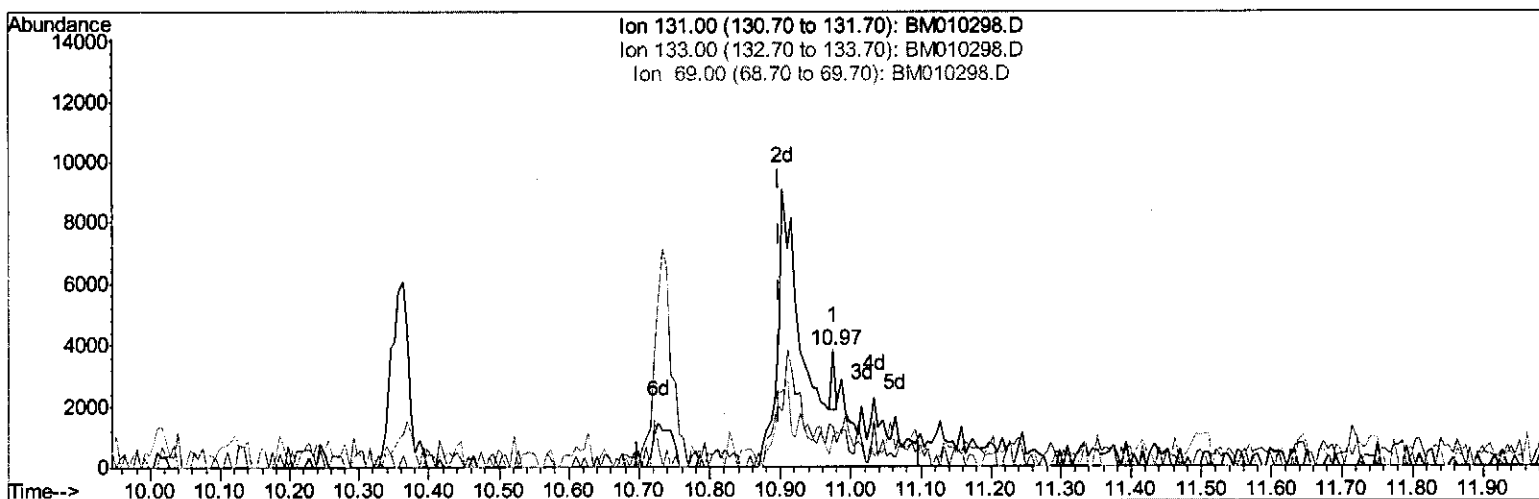
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Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.975min (+0.076) 0.03ng/ul

response 768

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 131.00 | 100   | 100   |
| 133.00 | 31.40 | 34.34 |
| 69.00  | 24.30 | 24.80 |
| 0.00   | 0.00  | 0.00  |

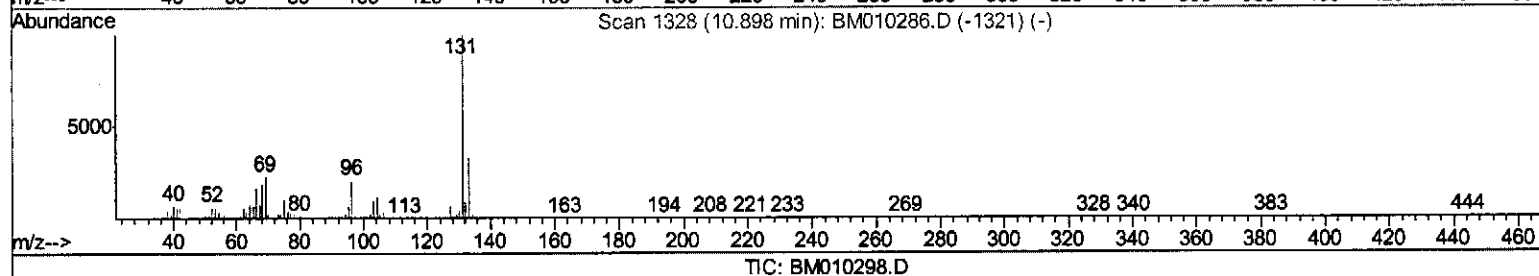
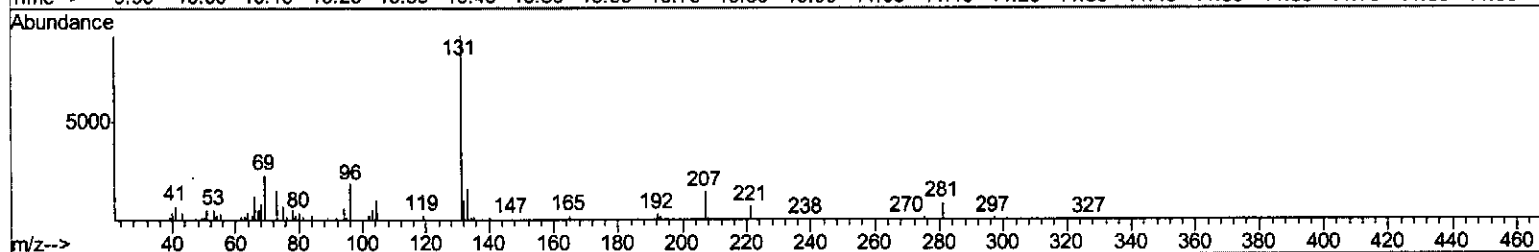
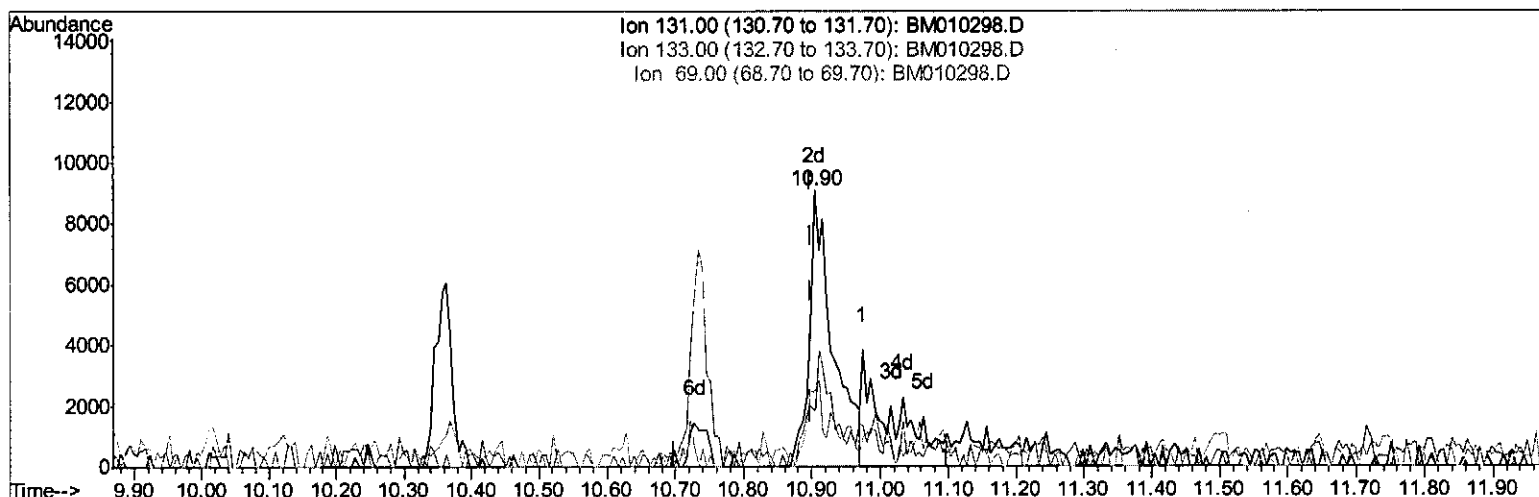
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Instrument :  
BNA\_M  
ClientSampleId :  
JHSF3

Manual Integrations  
APPROVED

mohammad  
5/30/2017 4:41:35 PM

Quant Time: May 29 06:54:32 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon May 29 06:51:20 2017  
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.904min (+0.006) 0.92ng/ul m SJ 5/30/17

response 21696

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 31.40 | 19.93# |
| 69.00  | 24.30 | 27.30  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA M\Data\BM052717\  
 Data File : BM010298.D  
 Acq On : 28 May 2017 04:44  
 Operator : SJ/MA  
 Sample : I3162-17  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHSF3

Manual Integrations  
 APPROVED

mohammad  
 5/30/2017 4:41:35 PM

Quant Time: May 29 07:26:30 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon May 29 06:51:20 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.93  | 152  | 382454   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.73 | 136  | 1394723  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.56 | 164  | 804047   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.31 | 188  | 1866859  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.47 | 240  | 2669194  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.82 | 264  | 2847749  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.39  | 96  | 21294   | 2.28  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.12  | 99  | 352916  | 12.18 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.27  | 67  | 201814  | 12.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.47  | 132 | 295002  | 12.77 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.65  | 113 | 268202  | 11.47 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.11  | 128 | 131536  | 12.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.83  | 143 | 153181  | 12.94 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.36 | 165 | 293906  | 12.09 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.90 | 131 | 21696m  | 0.92  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.97 | 166 | 955577  | 14.30 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.26 | 160 | 1088905 | 13.97 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.81 | 143 | 104158  | 10.42 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.55 | 176 | 804703  | 13.70 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.67 | 200 | 141370  | 10.69 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.40 | 188 | 1164205 | 12.82 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.69 | 212 | 1573579 | 14.26 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.67 | 264 | 1774766 | 13.39 | ng/ul | 0.00 |

SJ 5/30/17

| Target Compounds      |       |     |        |      | Ovalue   |
|-----------------------|-------|-----|--------|------|----------|
| 44) Dimethylphthalate | 14.02 | 163 | 368104 | 5.60 | ng/ul 99 |

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