

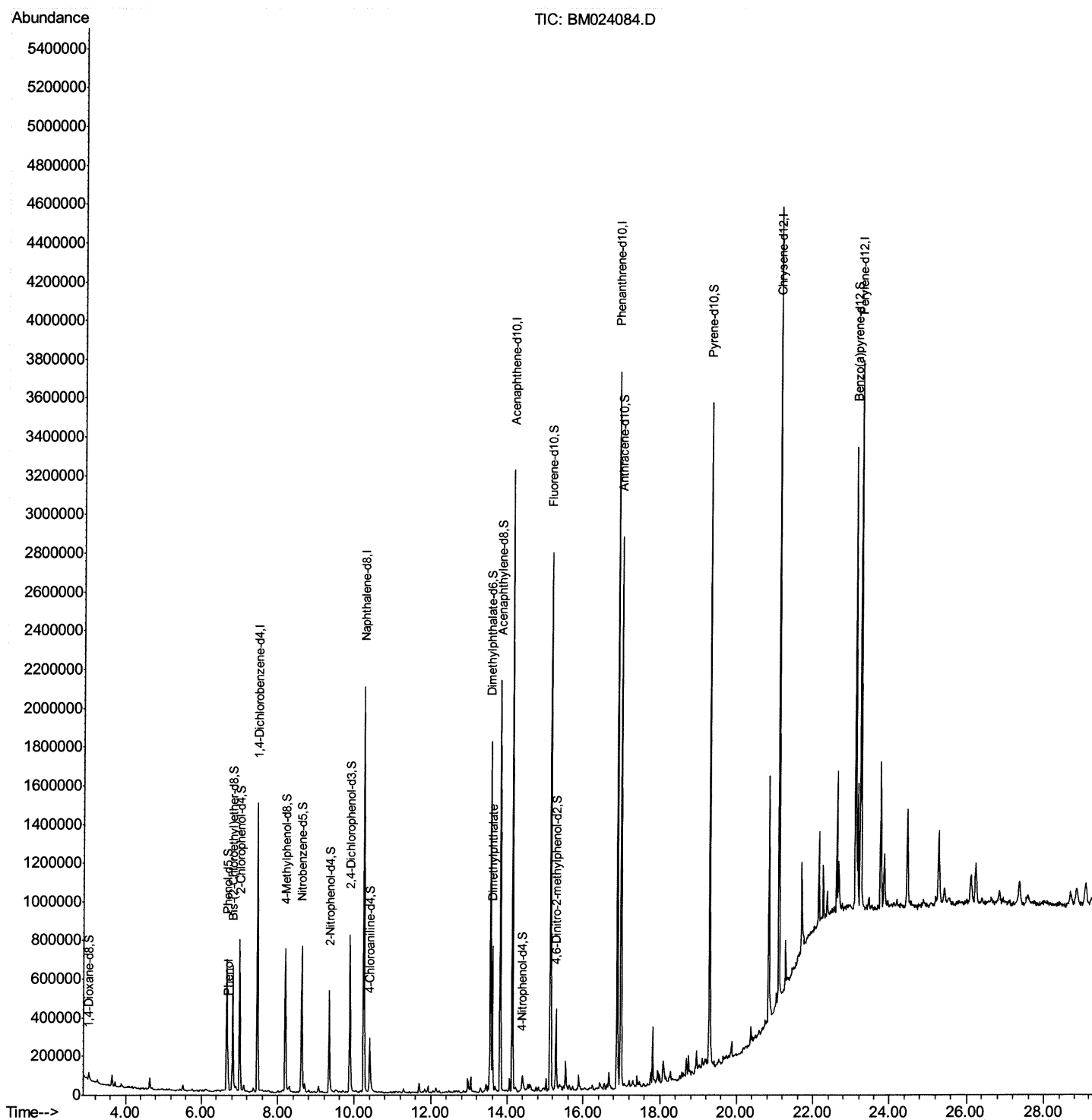
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121219\  
Data File : BM024084.D  
Acq On : 13 Dec 2019 10:20  
Operator : JU  
Sample : K6088-10  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0BN7

Manual Integrations  
APPROVED

mohammad  
12/13/2019 2:51:47 PM

Quant Time: Dec 13 13:49:06 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM112719MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Dec 07 04:26:57 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

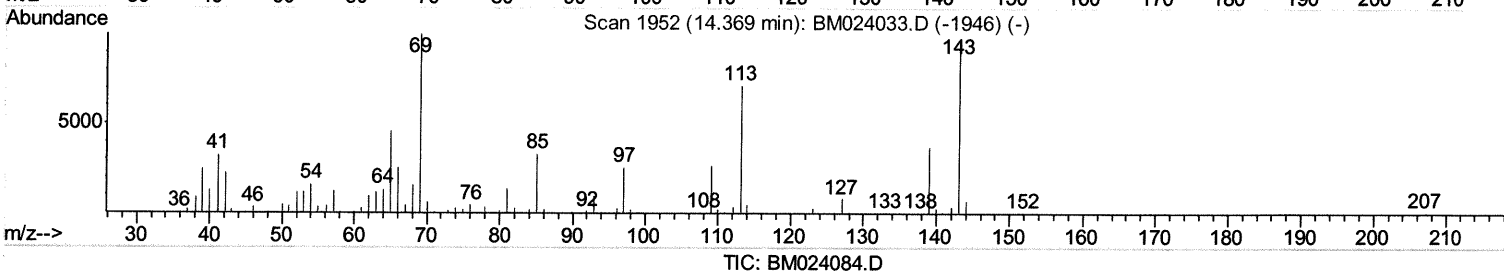
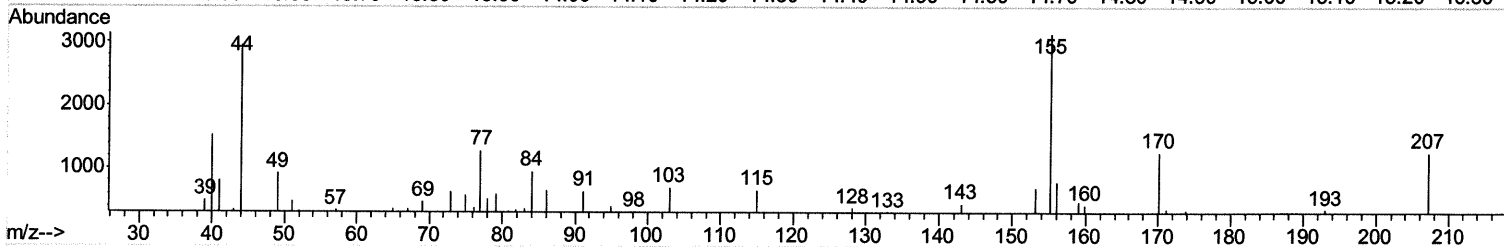
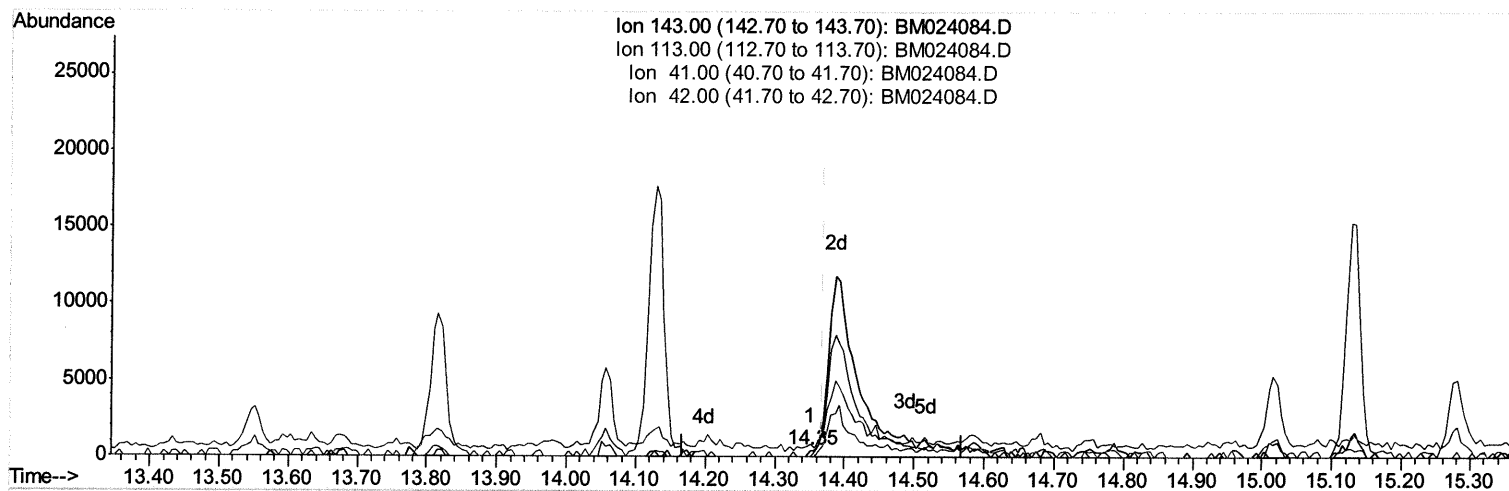
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121219\  
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Manual Integrations  
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mohammad  
 12/13/2019 2:51:47 PM

Quant Time: Dec 13 11:40:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM112719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Dec 07 04:26:57 2019  
 Response via : Initial Calibration



(52) 4-Nitrophenol-d4 (S)

14.351min (-0.017) 0.02ng/ul

response 302

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 143.00 | 100   | 100     |
| 113.00 | 71.20 | 0.00#   |
| 41.00  | 31.10 | 184.02# |
| 42.00  | 21.10 | 0.00#   |

# Quantitation Report (Qedit)

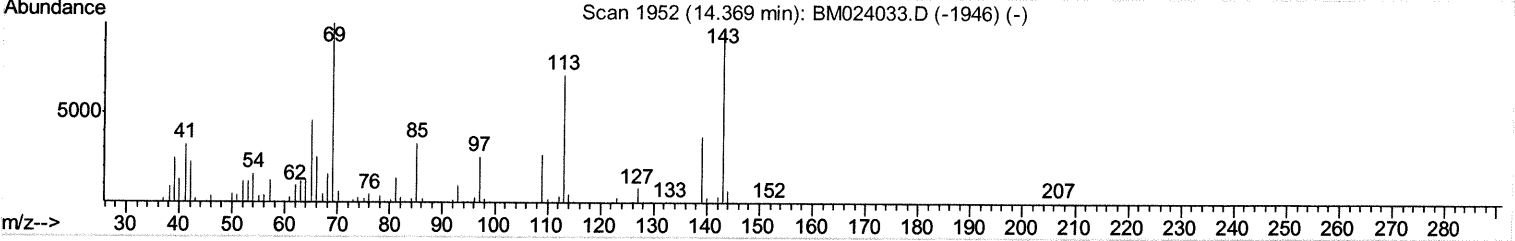
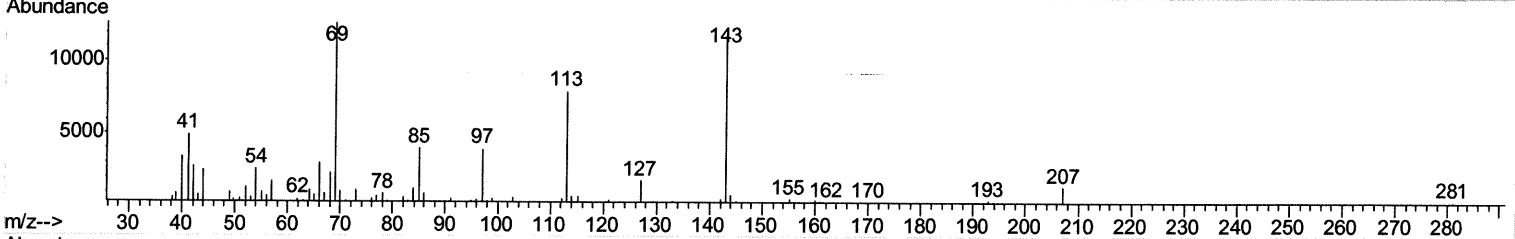
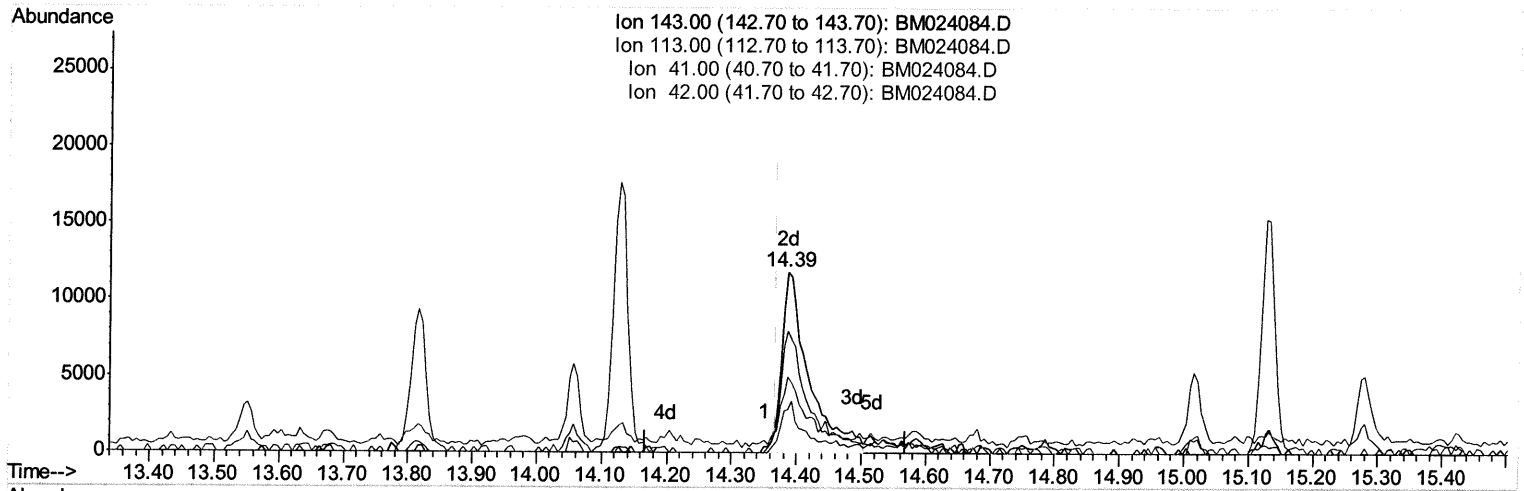
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121219\  
 Data File : BM024084.D  
 Acq On : 13 Dec 2019 10:20  
 Operator : JU  
 Sample : K6088-10  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BN7

Manual Integrations  
 APPROVED

mohammad  
 12/13/2019 2:51:47 PM

Quant Time: Dec 13 11:40:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM112719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Dec 07 04:26:57 2019  
 Response via : Initial Calibration



TIC: BM024084.D

(52) 4-Nitrophenol-d4 (S)

14.386min (+0.018) 2.58ng/ul m

JU 12/16/19

response 35273

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 71.20 | 67.38  |
| 41.00  | 31.10 | 41.93# |
| 42.00  | 21.10 | 23.61  |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121219\  
 Data File : BM024084.D  
 Acq On : 13 Dec 2019 10:20  
 Operator : JU  
 Sample : K6088-10  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BN7

Manual Integrations  
 APPROVED

mohammad  
 12/13/2019 2:51:47 PM

Quant Time: Dec 13 13:49:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM112719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Dec 07 04:26:57 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.47  | 152  | 404502   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.24 | 136  | 1693262  | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.13 | 164  | 1047689  | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 16.89 | 188  | 2135301  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.09 | 240  | 1770778  | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.23 | 264  | 1897142  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |        |
|--------------------------------|-------|-----|---------|-------|-------|--------|
| 3) 1,4-Dioxane-d8              | 3.03  | 96  | 20738   | 2.28  | ng/uL | 0.00   |
| 5) Phenol-d5                   | 6.66  | 99  | 417081  | 11.76 | ng/ul | 0.00   |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.82  | 67  | 315627  | 15.31 | ng/ul | 0.00   |
| 9) 2-Chlorophenol-d4           | 7.01  | 132 | 365014  | 13.32 | ng/ul | 0.00   |
| 13) 4-Methylphenol-d8          | 8.19  | 113 | 309759  | 11.07 | ng/ul | 0.00   |
| 19) Nitrobenzene-d5            | 8.62  | 128 | 187870  | 14.29 | ng/ul | 0.00   |
| 22) 2-Nitrophenol-d4           | 9.34  | 143 | 179436  | 12.01 | ng/ul | 0.00   |
| 26) 2,4-Dichlorophenol-d3      | 9.87  | 165 | 329881  | 11.66 | ng/ul | 0.00   |
| 29) 4-Chloroaniline-d4         | 10.40 | 131 | 179469  | 5.78  | ng/ul | 0.00   |
| 44) Dimethylphthalate-d6       | 13.55 | 166 | 1164744 | 14.31 | ng/ul | -0.01  |
| 47) Acenaphthylene-d8          | 13.82 | 160 | 1437834 | 15.07 | ng/ul | -0.01  |
| 52) 4-Nitrophenol-d4           | 14.39 | 143 | 35273m  | 2.58  | ng/ul | > 0.02 |
| 58) Fluorene-d10               | 15.13 | 176 | 1058216 | 15.45 | ng/ul | 0.00   |
| 63) 4,6-Dinitro-2-methylphenol | 15.28 | 200 | 88709   | 6.62  | ng/ul | 0.00   |
| 71) Anthracene-d10             | 16.98 | 188 | 1581896 | 15.51 | ng/ul | -0.01  |
| 79) Pyrene-d10                 | 19.29 | 212 | 1729483 | 18.90 | ng/ul | -0.01  |
| 90) Benzo(a)pyrene-d12         | 23.10 | 264 | 1665333 | 16.61 | ng/ul | -0.01  |

JU 12/16/19

## Target Compounds

|                       |       |     |        | Ovalue |          |
|-----------------------|-------|-----|--------|--------|----------|
| 6) Phenol             | 6.69  | 94  | 104797 | 2.874  | ng/ul 98 |
| 45) Dimethylphthalate | 13.60 | 163 | 486122 | 6.100  | ng/ul 99 |

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