

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM051316\  
Data File : BM005431.D  
Acq On : 13 May 2016 14:12  
Operator : UM/SJ  
Sample : H2874-10MS

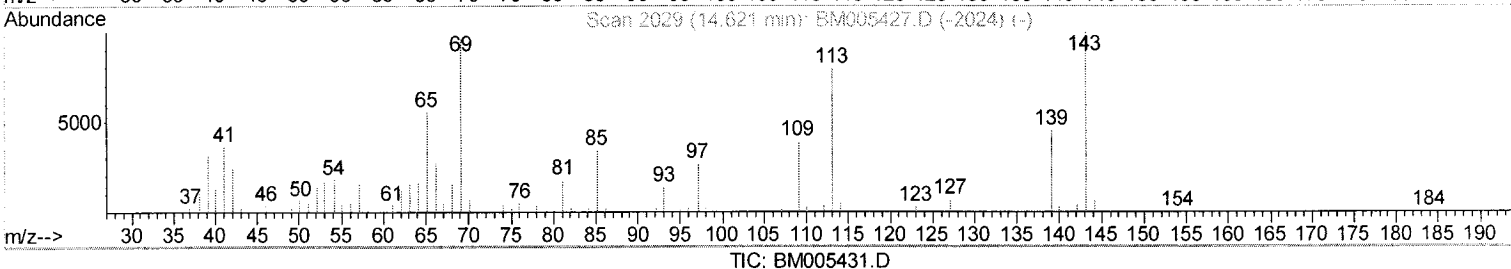
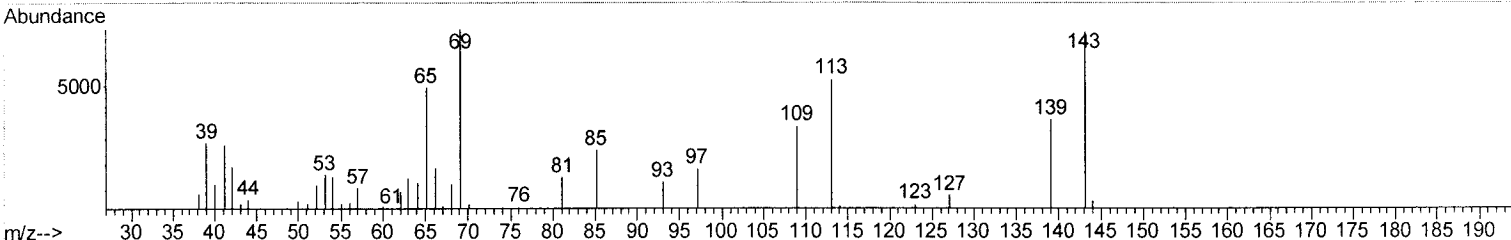
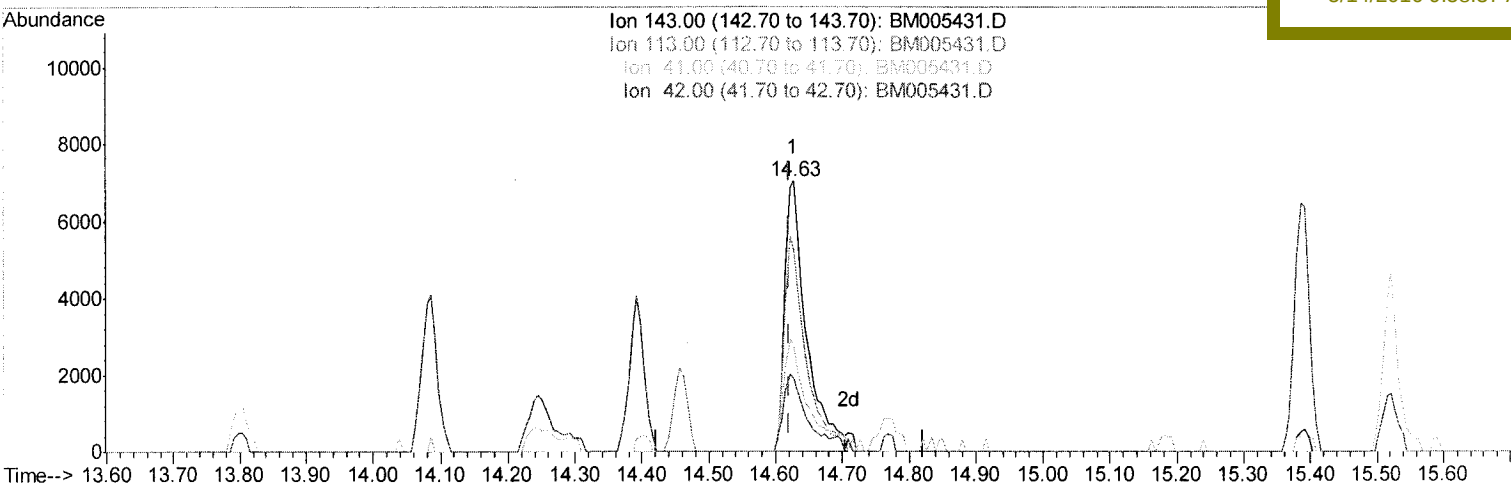
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Quant Time: May 14 00:20:38 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM050516.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat May 14 00:15:57 2016  
Response via : Initial Calibration

Instrument :  
BNA M  
ClientSampleId :  
H4113MS

Manual Integrations  
APPROVED

sohil  
5/14/2016 9:58:37 AM



(51) 4-Nitrophenol-d4 (S)

14.627min (+0.006) 5.24ng/ul

response 15703

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 75.60 | 74.23 |
| 41.00  | 38.10 | 39.24 |
| 42.00  | 26.00 | 27.01 |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM051316\  
Data File : BM005431.D  
Acq On : 13 May 2016 14:12  
Operator : UM/SJ  
Sample : H2874-10MS

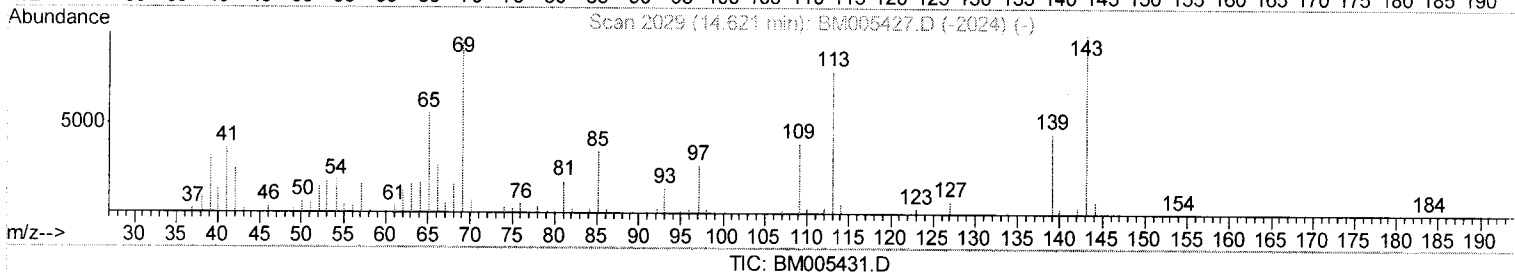
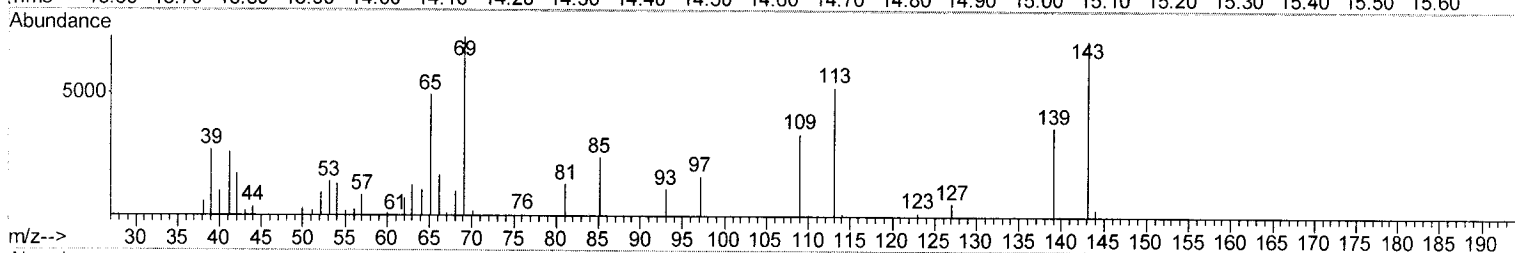
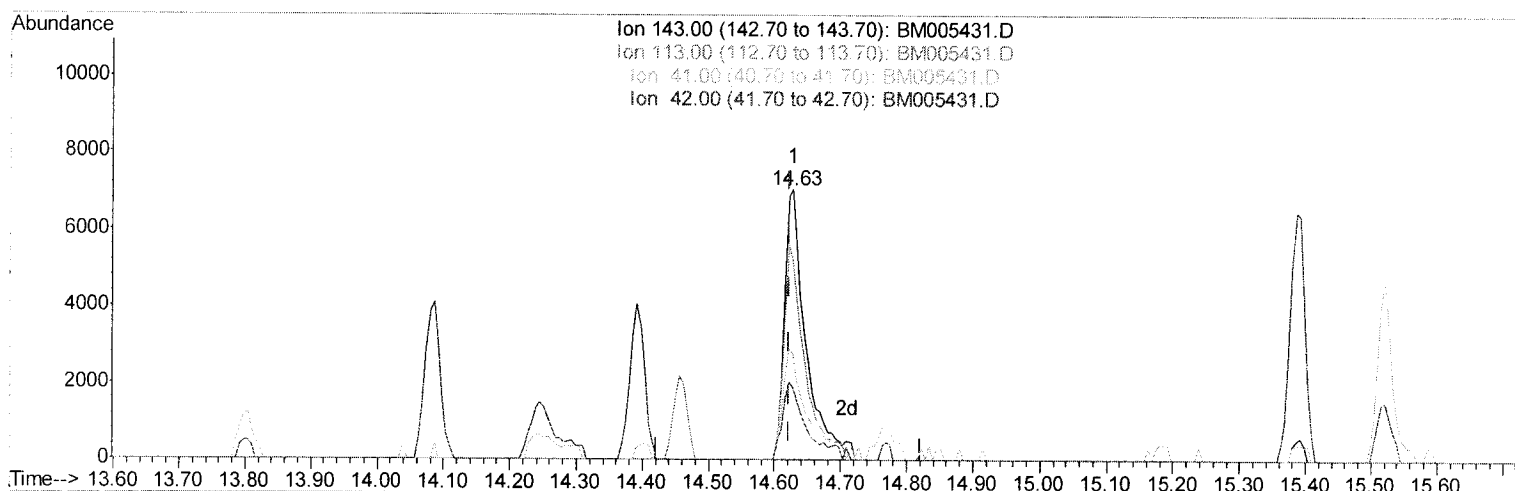
Instrument :  
BNA\_M  
ClientSampleId :  
H4113MS

Misc :  
ALS Vial : 58 Sample Multiplier: 1

Manual Integrations  
APPROVED

Quant Time: May 14 00:20:38 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM050516.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat May 14 00:15:57 2016  
Response via : Initial Calibration

sohil  
5/14/2016 9:58:37 AM



TIC: BM005431.D

(51) 4-Nitrophenol-d4 (S)

14.627min (+0.006) 5.35ng/ul m

response 16027

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 75.60 | 74.23 |
| 41.00  | 38.10 | 39.24 |
| 42.00  | 26.00 | 27.01 |

U.M.  
05/15/2016

# Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM051316\  
Data File : BM005431.D  
Acq On : 13 May 2016 14:12  
Operator : UM/SJ  
Sample : H2874-10MS

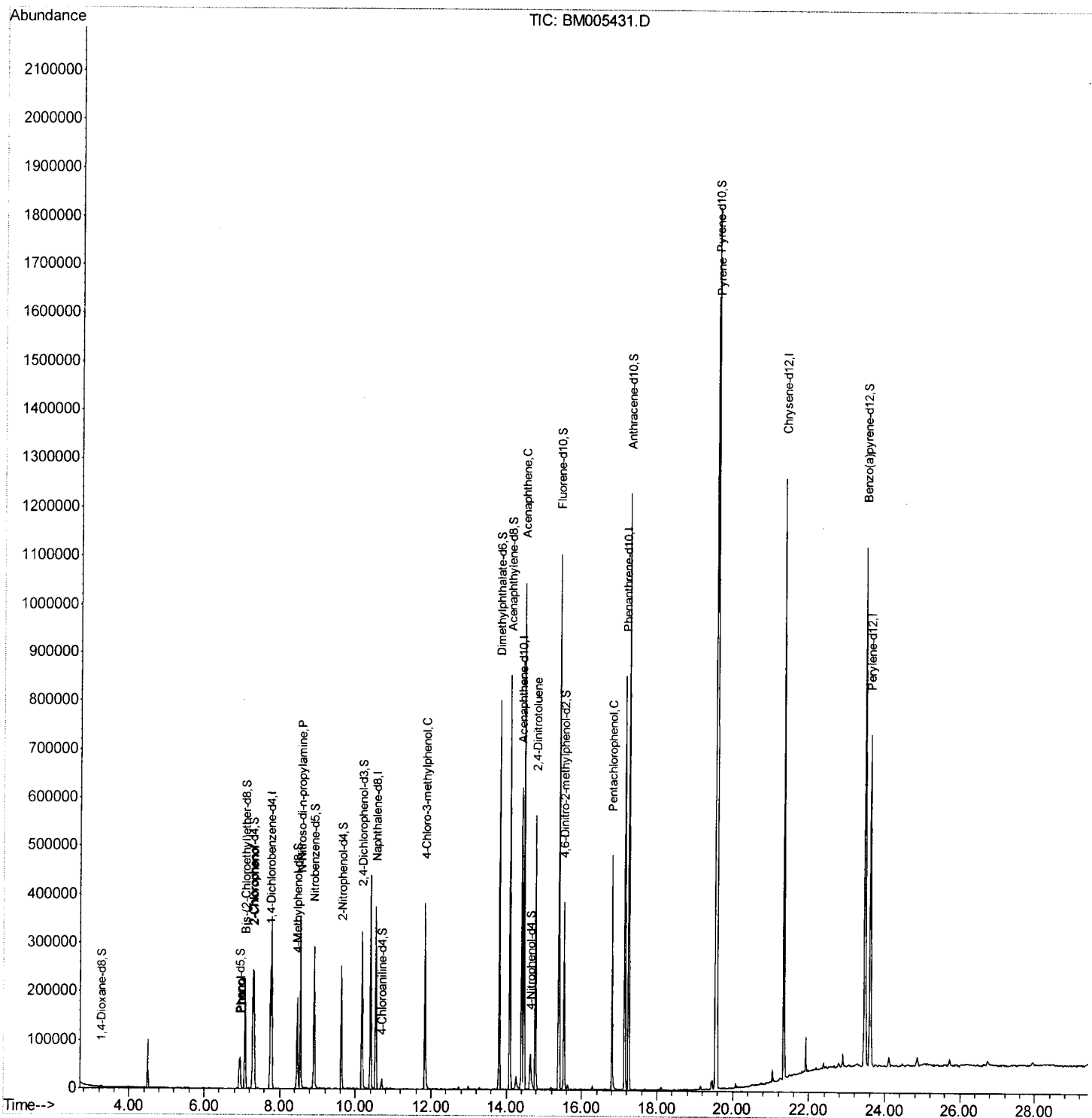
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Quant Time: May 14 00:38:57 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM050516.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat May 14 00:15:57 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
H4113MS

Manual Integrations  
APPROVED

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5/14/2016 9:58:37 AM



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM051316\  
 Data File : BM005431.D  
 Acq On : 13 May 2016 14:12  
 Operator : UM/SJ  
 Sample : H2874-10MS  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 H4113MS

Quant Time: May 14 00:38:57 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM050516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat May 14 00:15:57 2016  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

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 5/14/2016 9:58:37 AM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 64791    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.53 | 136  | 309970   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.39 | 164  | 204750   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.14 | 188  | 508994   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.34 | 240  | 615991   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.60 | 264  | 524727   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 1557   | 1.13  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.93  | 99  | 34928  | 5.94  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.09  | 67  | 101458 | 30.26 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.29  | 132 | 107779 | 24.28 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.46  | 113 | 70754  | 14.57 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.91  | 128 | 72727  | 32.86 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.63  | 143 | 83901  | 33.48 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.17 | 165 | 132605 | 28.47 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.69 | 131 | 14319  | 2.55  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.80 | 166 | 531382 | 32.38 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.09 | 160 | 617644 | 32.09 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 16027m | 5.35  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.39 | 176 | 451881 | 31.89 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 87710  | 30.63 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.24 | 188 | 737018 | 32.76 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.54 | 212 | 869932 | 30.59 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.46 | 264 | 768697 | 33.10 | ng/ul | 0.00 |

} U.M.  
 05/15/2016

| Target Compounds               |       |     |         |             | Qvalue |
|--------------------------------|-------|-----|---------|-------------|--------|
| 6) Phenol                      | 6.96  | 94  | 37403   | 6.16 ng/ul  | 98     |
| 10) 2-Chlorophenol             | 7.32  | 128 | 108396  | 23.88 ng/ul | 97     |
| 15) N-Nitroso-di-n-propylamine | 8.55  | 70  | 128080  | 34.06 ng/ul | 98     |
| 33) 4-Chloro-3-methylphenol    | 11.83 | 107 | 152718  | 26.71 ng/ul | 99     |
| 49) Acenaphthene               | 14.46 | 153 | 421836  | 31.43 ng/ul | 99     |
| 52) 4-Nitrophenol              | 14.64 | 109 | 14486   | 5.82 ng/ul  | 95     |
| 54) 2,4-Dinitrotoluene         | 14.77 | 165 | 165602  | 34.34 ng/ul | 99     |
| 68) Pentachlorophenol          | 16.80 | 266 | 90898   | 29.89 ng/ul | 97     |
| 77) Pyrene                     | 19.57 | 202 | 1087793 | 30.45 ng/ul | 98     |

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