

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061217\  
Quantitation Report (QT Reviewed)

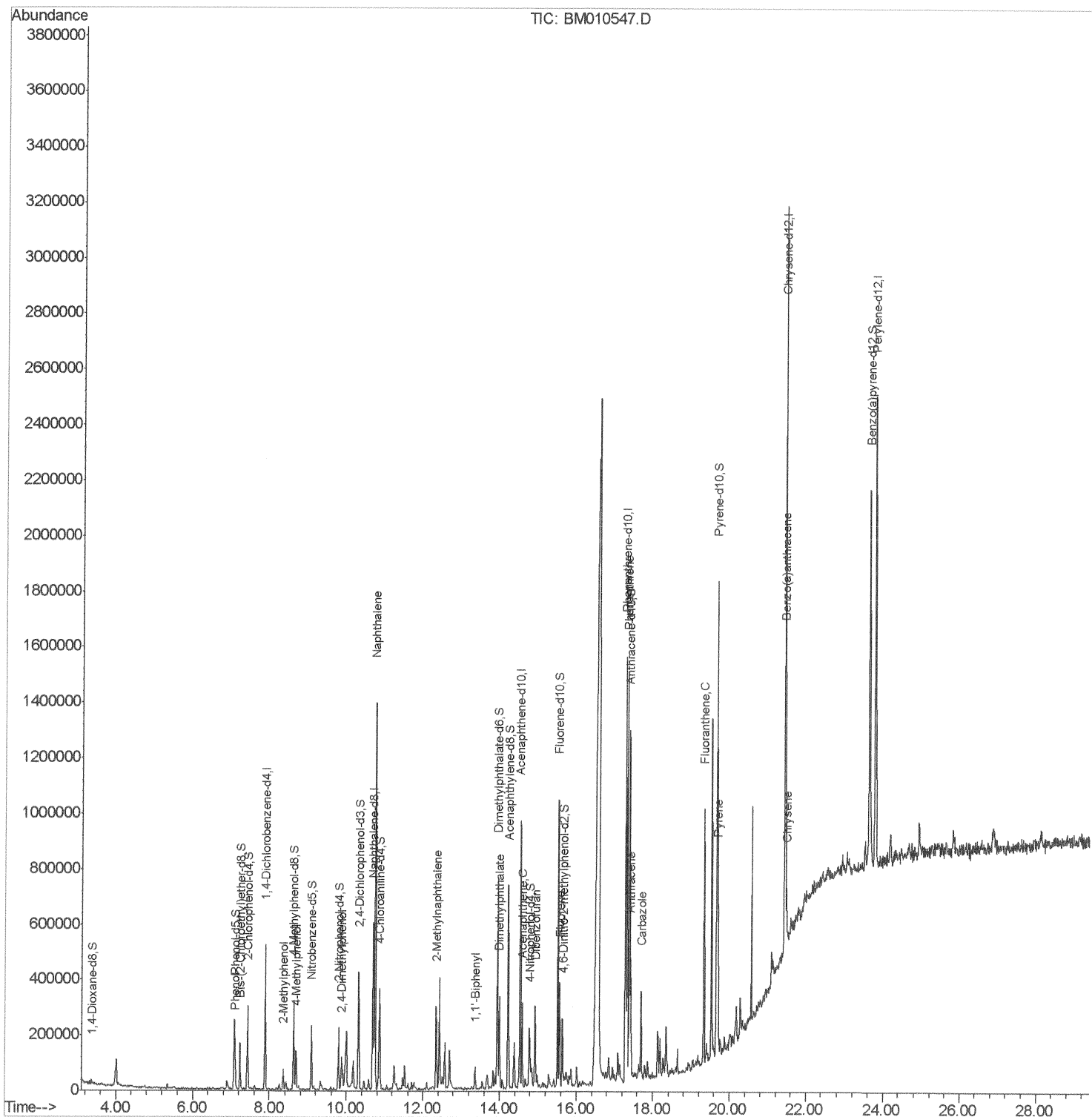
Data File : BM010547.D  
Acq On : 12 Jun 2017 22:21  
Operator : SJ/MA  
Sample : I3558-14DL 2X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F5C87DL

Manual Integrations  
APPROVED

mohammad  
6/13/2017 3:54:34 PM

Quant Time: Jun 13 04:00:59 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM052717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 13 03:33:28 2017  
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061217\

Quantitation Report (Qedit)

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Operator : SJ/MA

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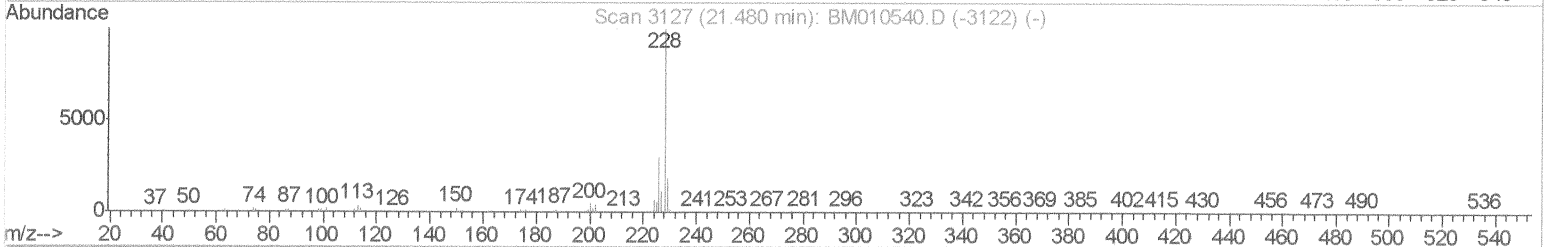
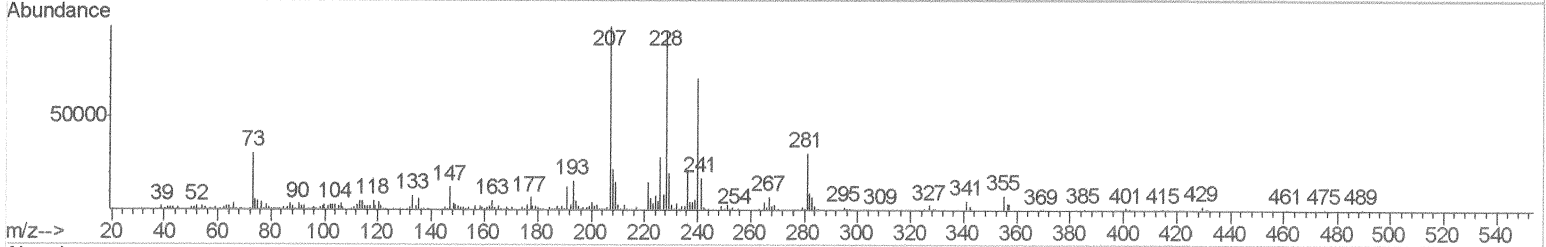
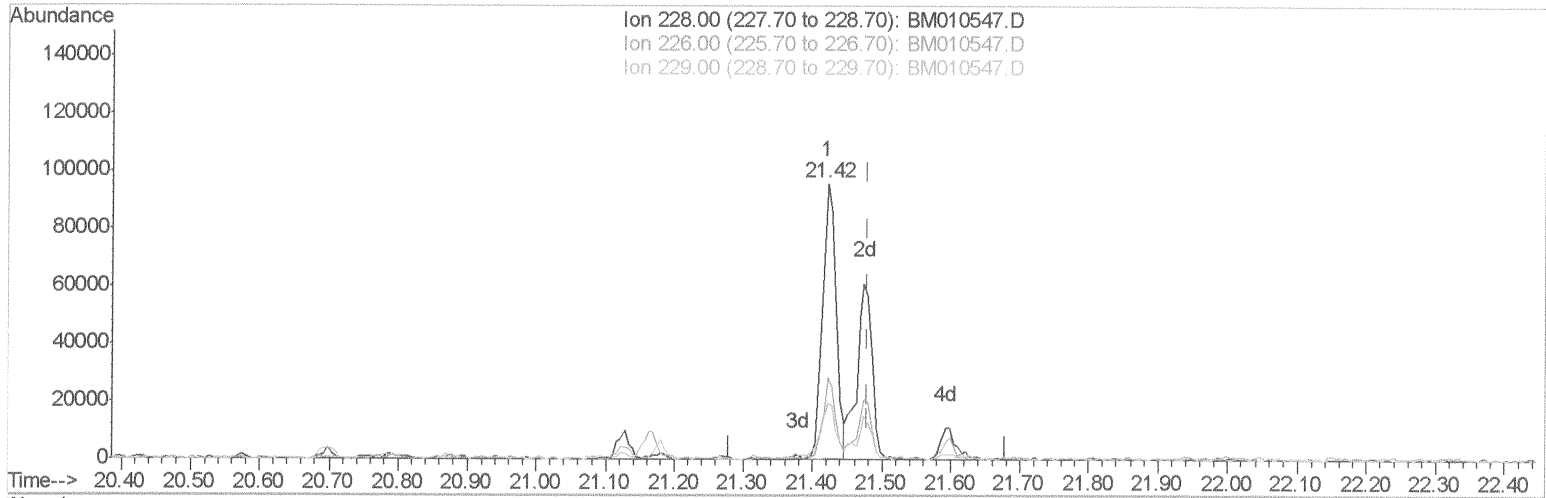
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TIC: BM010547.D

(82) Chrysene

21.421min (-0.059) 2.24ng/ul

response 131477

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.30 | 29.54 |
| 229.00 | 19.40 | 20.34 |
| 0.00   | 0.00  | 0.00  |

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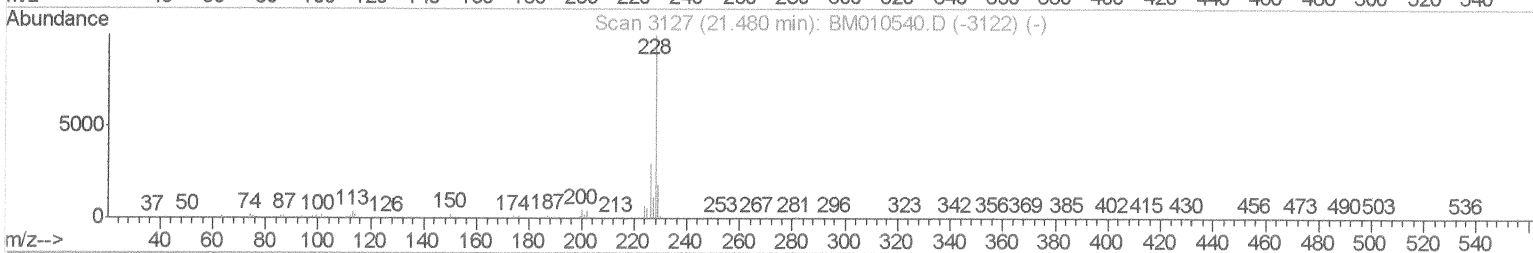
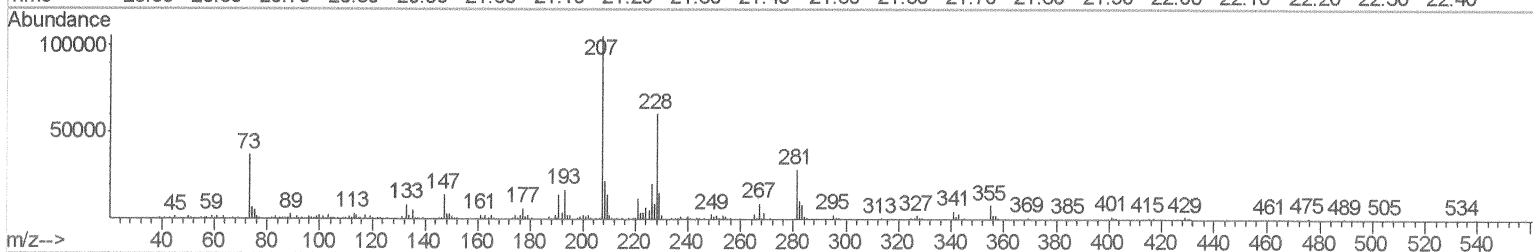
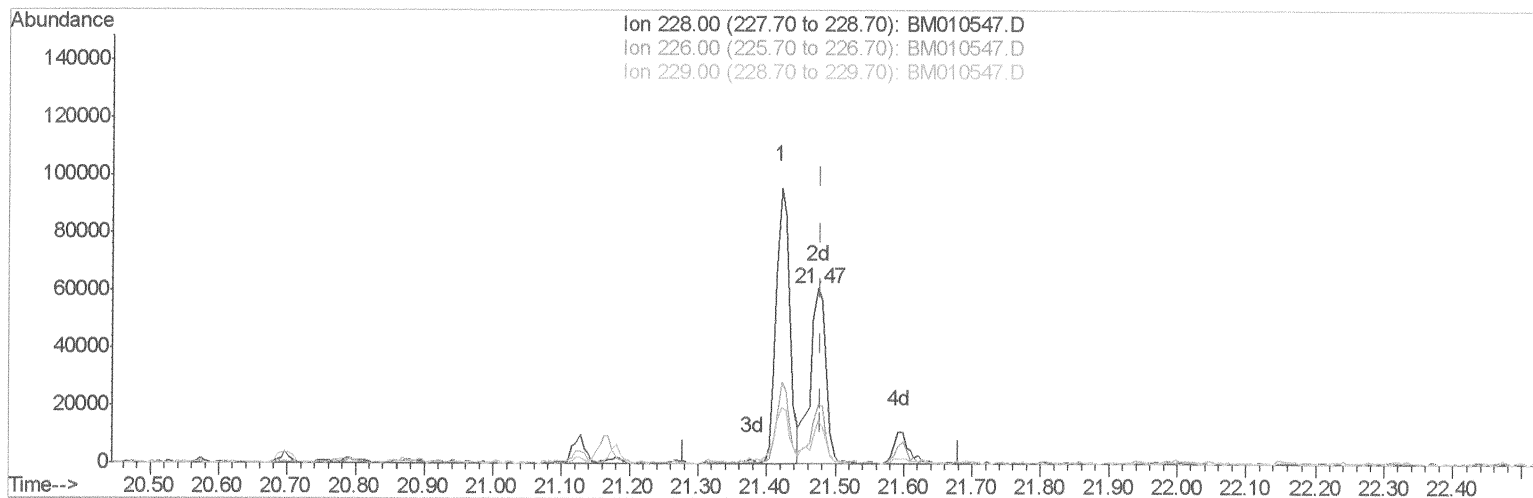
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QLast Update : Tue Jun 13 03:33:28 2017

Response via : Initial Calibration



TIC: BM010547.D

(82) Chrysene

21.474min (-0.006) 1.62ng/ul m

response 95144

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 29.30 | 34.25  |
| 229.00 | 19.40 | 25.15# |
| 0.00   | 0.00  | 0.00   |

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Acq On : 12 Jun 2017 22:21

Operator : SJ/MA

Sample : I3558-14DL 2X

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA\_M

ClientSampleId :

F5C87DL

Manual Integrations

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mohammad

6/13/2017 3:54:34 PM

Quant Time: Jun 13 04:00:59 2017

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 13 03:33:28 2017

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.89  | 152  | 106317   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.69 | 136  | 390854   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.52 | 164  | 274146   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.27 | 188  | 770815   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.44 | 240  | 1151289  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.77 | 264  | 1179537  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.36  | 96  | 6017   | 2.32  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.07  | 99  | 104516 | 12.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 7.23  | 67  | 61516  | 13.59 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.43  | 132 | 90710  | 14.13 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.61  | 113 | 91905  | 14.14 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.07  | 128 | 39456  | 13.78 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.78  | 143 | 52176  | 15.73 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.32 | 165 | 117238 | 17.21 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.86 | 131 | 106079 | 16.14 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.94 | 166 | 407530 | 17.89 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.22 | 160 | 434849 | 16.37 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.77 | 143 | 44318  | 13.00 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.52 | 176 | 352912 | 17.63 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.64 | 200 | 55122  | 10.10 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.37 | 188 | 621493 | 16.57 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.66 | 212 | 797387 | 16.75 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.62 | 264 | 883559 | 16.09 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |         |       | Qvalue |    |
|-------------------------|-------|-----|---------|-------|--------|----|
| 6) Phenol               | 7.10  | 94  | 36619   | 4.43  | ng/ul# | 77 |
| 11) 2-Methylphenol      | 8.35  | 108 | 15524   | 2.57  | ng/ul  | 88 |
| 16) 4-Methylphenol      | 8.67  | 108 | 42600   | 6.44  | ng/ul  | 96 |
| 24) 2,4-Dimethylphenol  | 9.87  | 107 | 36057   | 4.41  | ng/ul  | 92 |
| 28) Naphthalene         | 10.74 | 128 | 872594  | 44.51 | ng/ul  | 98 |
| 34) 2-Methylnaphthalene | 12.34 | 142 | 107906  | 7.26  | ng/ul  | 97 |
| 40) 1,1'-Biphenyl       | 13.36 | 154 | 34059   | 1.53  | ng/ul# | 81 |
| 44) Dimethylphthalate   | 13.99 | 163 | 165349  | 7.38  | ng/ul  | 99 |
| 49) Acenaphthene        | 14.59 | 153 | 100944  | 5.54  | ng/ul  | 97 |
| 53) Dibenzofuran        | 14.92 | 168 | 147922  | 5.49  | ng/ul  | 99 |
| 58) Fluorene            | 15.57 | 166 | 142426  | 6.45  | ng/ul  | 90 |
| 69) Phenanthrene        | 17.32 | 178 | 754914  | 18.35 | ng/ul  | 97 |
| 71) Anthracene          | 17.40 | 178 | 228149  | 5.31  | ng/ul  | 95 |
| 72) Carbazole           | 17.69 | 167 | 159394  | 4.38  | ng/ul  | 96 |
| 74) Fluoranthene        | 19.32 | 202 | 521979  | 10.32 | ng/ul# | 95 |
| 77) Pyrene              | 19.69 | 202 | 339141  | 5.72  | ng/ul# | 94 |
| 80) Benzo(a)anthracene  | 21.42 | 228 | 130860  | 2.02  | ng/ul  | 96 |
| 82) Chrysene            | 21.47 | 228 | 95144m> | 1.62  | ng/ul  |    |

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