

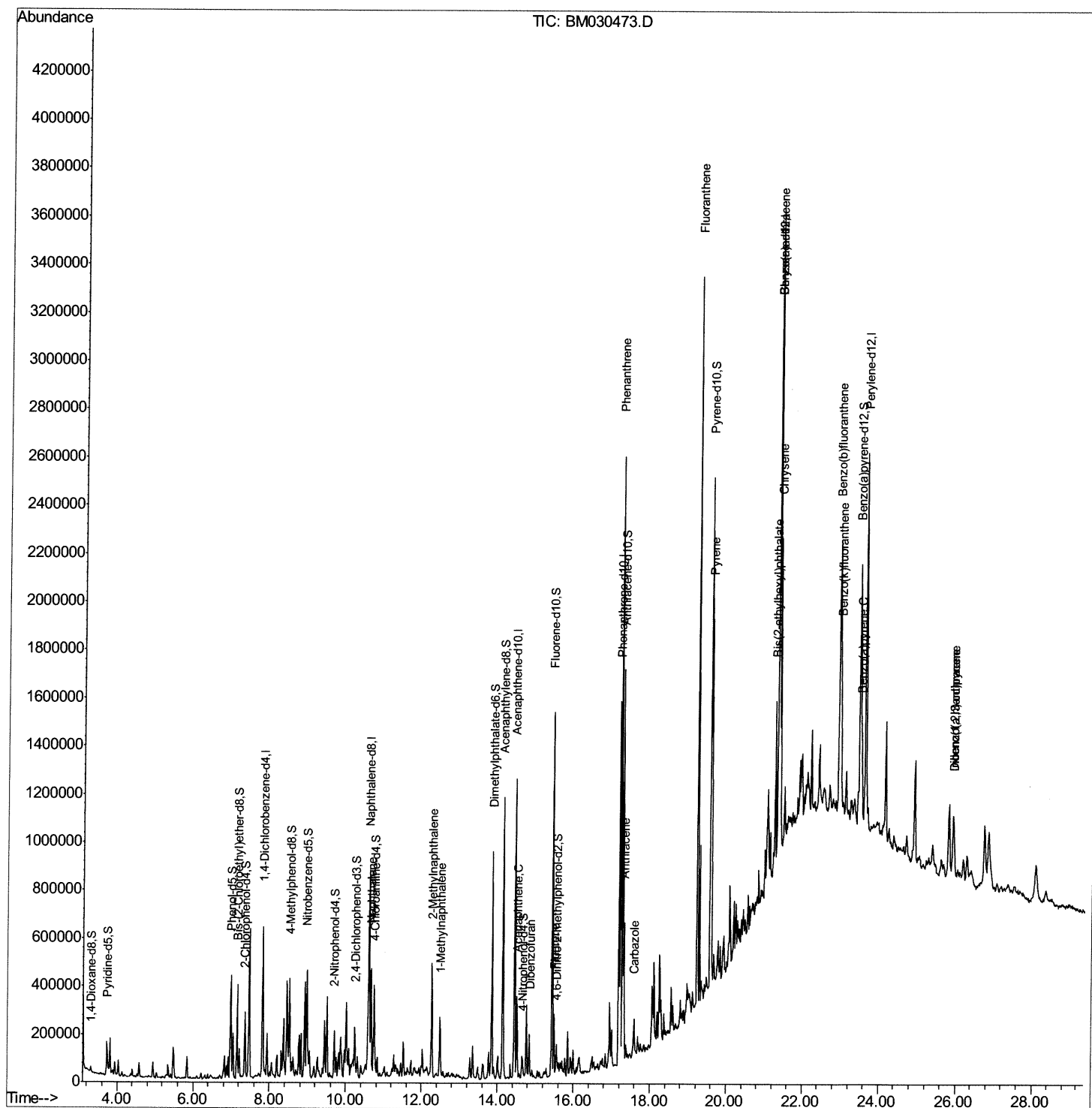
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\  
Data File : BM030473.D  
Acq On : 16 Jun 2021 19:20  
Operator : CG/JU  
Sample : M2596-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BG5Q7

Manual Integrations  
APPROVED

mohammad  
6/17/2021 12:17:11 PM

Quant Time: Jun 17 03:10:40 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM060621.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jun 16 18:05:47 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

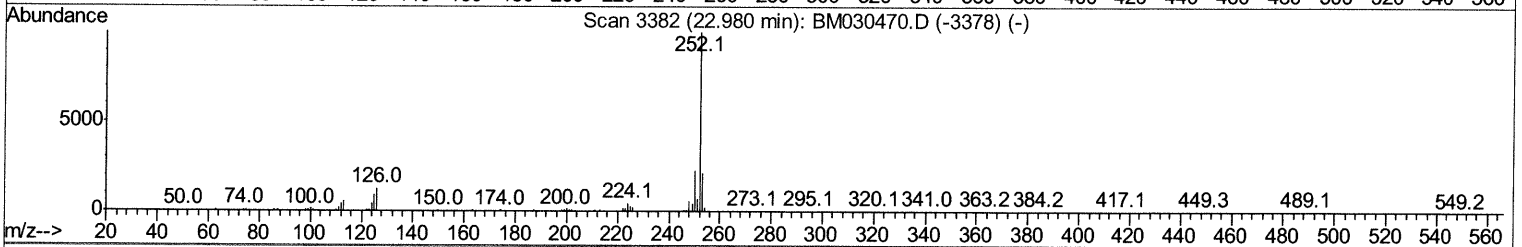
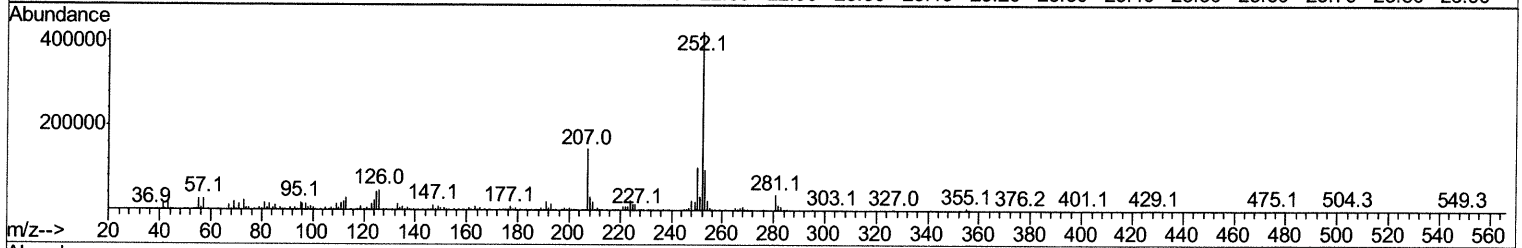
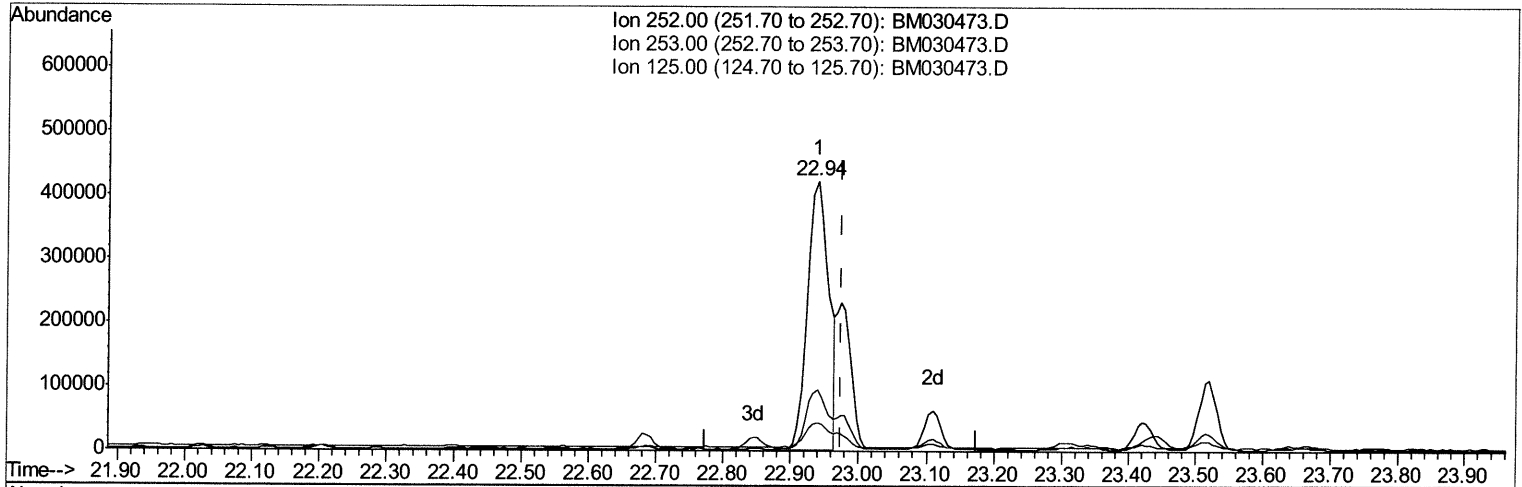
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TIC: BM030473.D

(91) Benzo(k)fluoranthene

22.938min (-0.035) 13.75ng/ul

response 911566

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.40 | 22.93 |
| 125.00 | 10.50 | 10.55 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

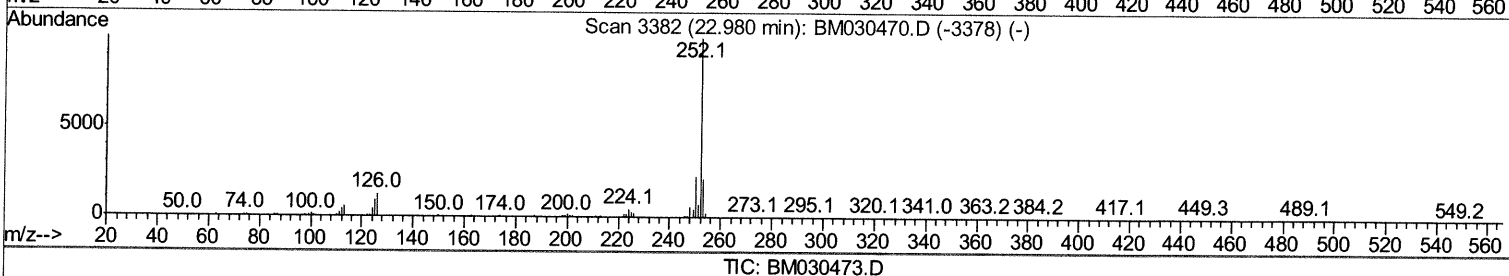
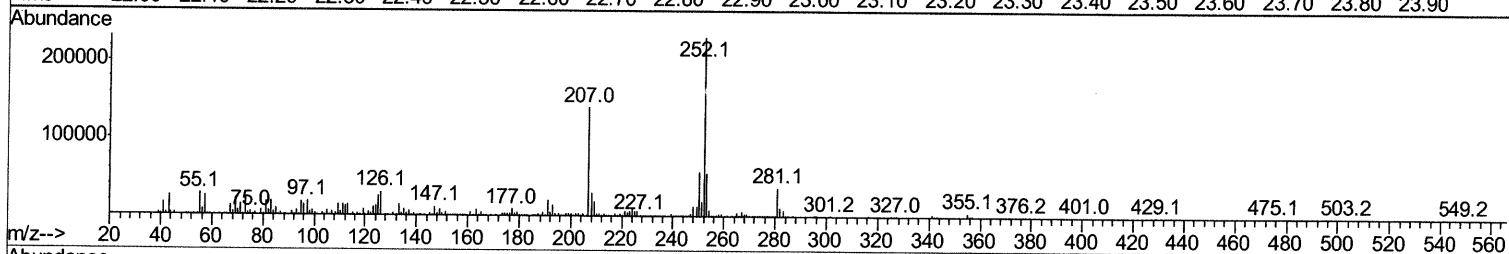
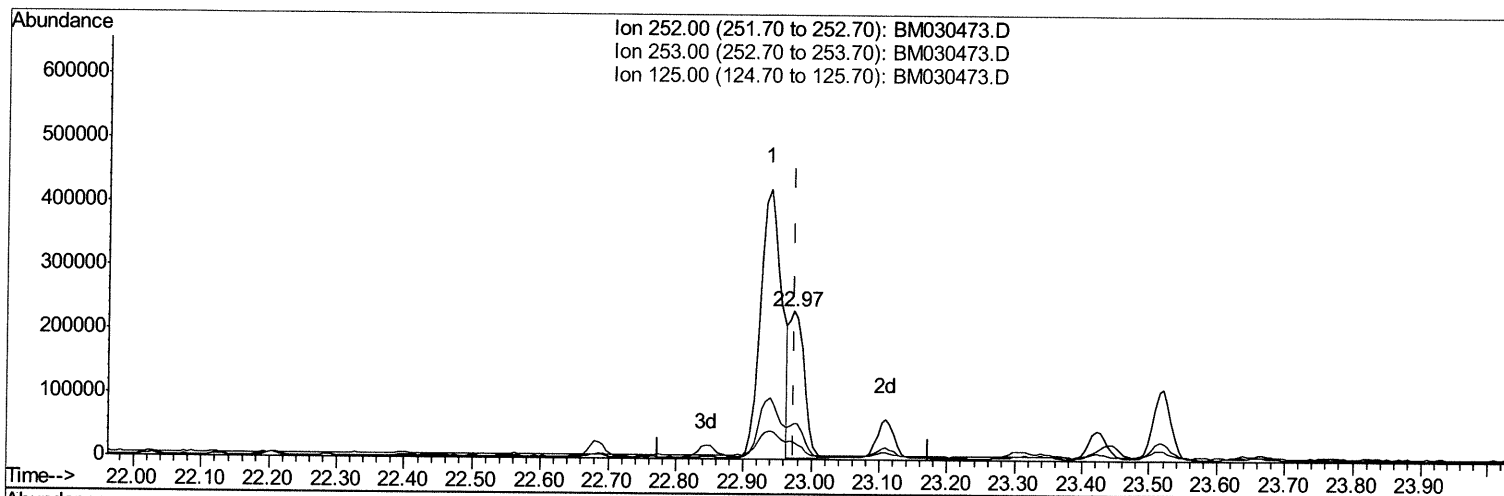
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Manual Integrations  
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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jun 16 18:05:47 2021  
Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.974min (0.000) 5.36ng/ul m 06/18/21 JU

response 355480

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.40 | 24.20 |
| 125.00 | 10.50 | 11.24 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\  
 Data File : BM030473.D  
 Acq On : 16 Jun 2021 19:20  
 Operator : CG/JU  
 Sample : M2596-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BG5Q7

Manual Integrations  
 APPROVED

mohammad  
 6/17/2021 12:17:11 PM

Quant Time: Jun 17 03:10:40 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM060621.M  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 166776   | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.61 | 136  | 667693   | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.44 | 164  | 431429   | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.19 | 188  | 903643   | 20.00 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.35 | 240  | 984776   | 20.00 | ng/ul | 0.00     |
| 88) Perylene-d12          | 23.62 | 264  | 1079359  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 10472  | 2.40  | ng/uL | 0.00 |
| 4) Pyridine-d5                 | 3.73  | 84  | 81794  | 7.13  | ng/ul | 0.01 |
| 7) Phenol-d5                   | 6.99  | 99  | 208090 | 14.36 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 173338 | 18.53 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4          | 7.36  | 132 | 117398 | 11.20 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8          | 8.53  | 113 | 156744 | 13.54 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5            | 8.97  | 128 | 103630 | 22.67 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4           | 9.70  | 143 | 38856  | 8.56  | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3      | 10.24 | 165 | 80070  | 8.10  | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4         | 10.75 | 131 | 245185 | 16.22 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6       | 13.86 | 166 | 623351 | 21.05 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8          | 14.14 | 160 | 807940 | 21.84 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4           | 14.66 | 143 | 25241  | 4.55  | ng/ul | 0.01 |
| 60) Fluorene-d10               | 15.44 | 176 | 584208 | 22.04 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 22518  | 4.32  | ng/ul | 0.00 |
| 73) Anthracene-d10             | 17.28 | 188 | 898099 | 21.85 | ng/ul | 0.00 |
| 81) Pyrene-d10                 | 19.57 | 212 | 796279 | 15.45 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12         | 23.47 | 264 | 699871 | 13.00 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |           |        | Ovalue  |       |
|--------------------------------|-------|-----|-----------|--------|---------|-------|
| 30) Naphthalene                | 10.66 | 128 | 270366    | 7.988  | ng/ul   | 98    |
| 36) 2-Methylnaphthalene        | 12.27 | 142 | 227686    | 9.456  | ng/ul   | 99    |
| 37) 1-Methylnaphthalene        | 12.49 | 142 | 117760    | 4.819  | ng/ul   | 98    |
| 52) Acenaphthene               | 14.51 | 153 | 121707    | 4.637  | ng/ul   | 99    |
| 56) Dibenzofuran               | 14.84 | 168 | 96550     | 2.644  | ng/ul   | 98    |
| 61) Fluorene                   | 15.49 | 166 | 107464    | 3.505  | ng/ul   | 99    |
| 72) Phenanthrene               | 17.23 | 178 | 1452505   | 29.728 | ng/ul   | 99    |
| 74) Anthracene                 | 17.32 | 178 | 345692    | 7.010  | ng/ul   | 99    |
| 77) Carbazole                  | 17.59 | 167 | 91407     | 2.087  | ng/ul   | 100   |
| 80) Fluoranthene               | 19.23 | 202 | 1796388   | 28.363 | ng/ul   | 99    |
| 82) Pyrene                     | 19.60 | 202 | 960292    | 14.337 | ng/ul   | 95    |
| 85) Benzo(a)anthracene         | 21.33 | 228 | 845276    | 14.206 | ng/ul   | 99    |
| 86) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 229002    | 7.181  | ng/ul#  | 96    |
| 87) Chrysene                   | 21.39 | 228 | 715706    | 12.199 | ng/ul   | 98    |
| 90) Benzo(b)fluoranthene       | 22.94 | 252 | 911566    | 13.139 | ng/ul   | 99    |
| 91) Benzo(k)fluoranthene       | 22.97 | 252 | 355480m > | 5.364  | ng/ul > | CG/JU |
| 93) Benzo(a)pyrene             | 23.52 | 252 | 207195    | 3.417  | ng/ul   | 95    |
| 94) Indeno(1,2,3-cd)pyrene     | 25.91 | 276 | 220431    | 2.953  | ng/ul#  | 94    |
| 95) Dibenzo(a,h)anthracene     | 25.93 | 278 | 112093    | 1.784  | ng/ul#  | 92    |

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