

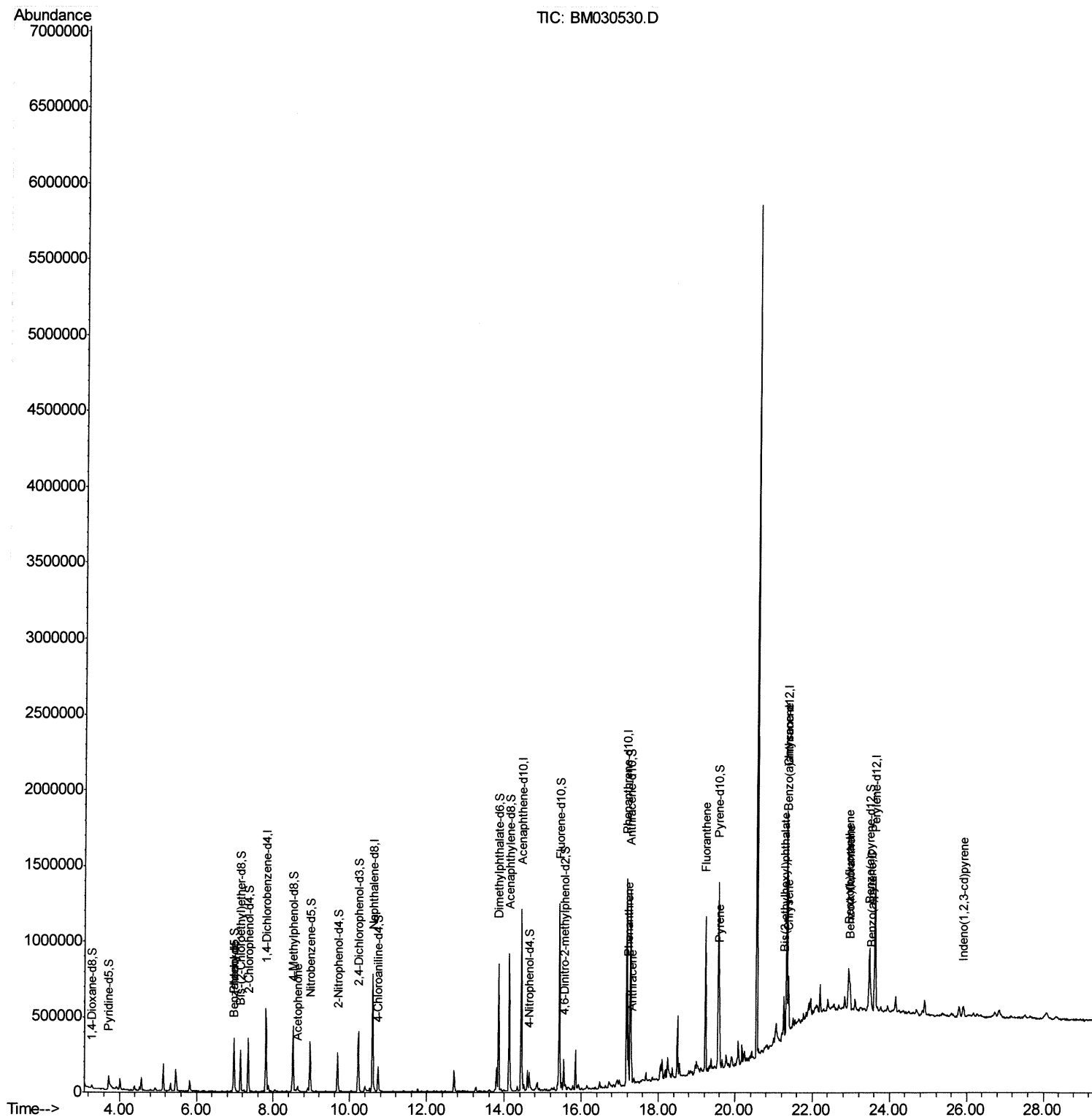
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\  
Data File : BM030530.D  
Acq On : 23 Jun 2021 00:11  
Operator : CG/JU  
Sample : M2662-24  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGD98

Manual Integrations  
APPROVED

mohammad  
6/23/2021 4:48:41 PM

Quant Time: Jun 23 02:24:35 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 22 15:07:37 2021  
Response via : Initial Calibration



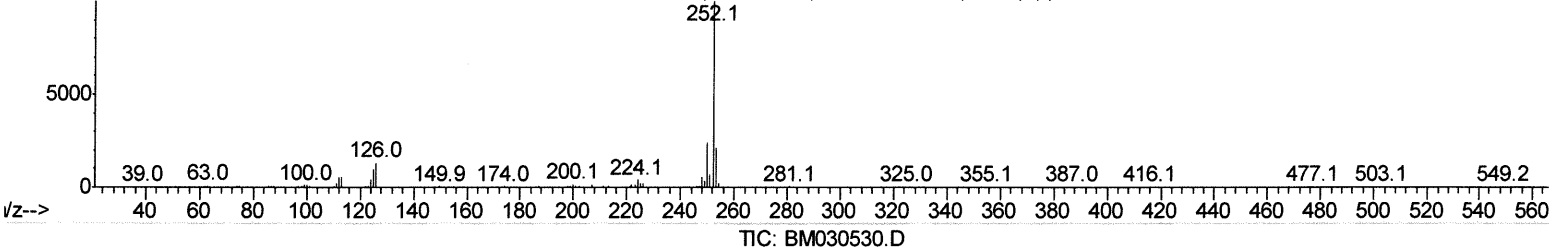
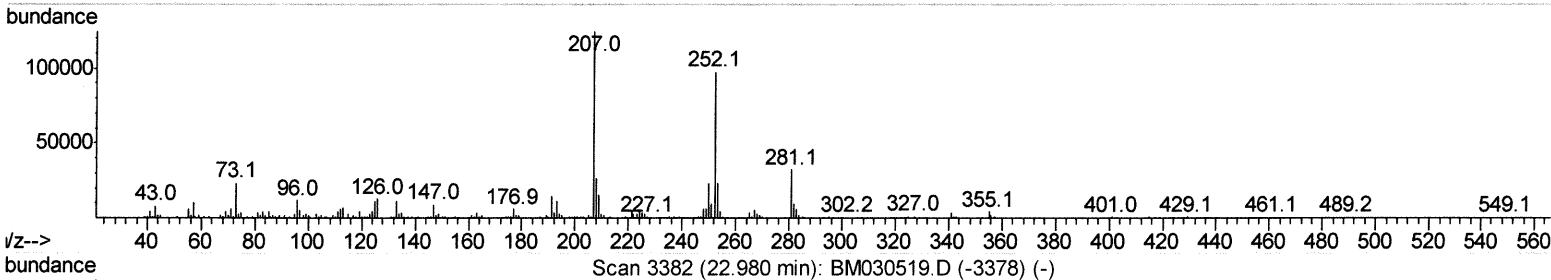
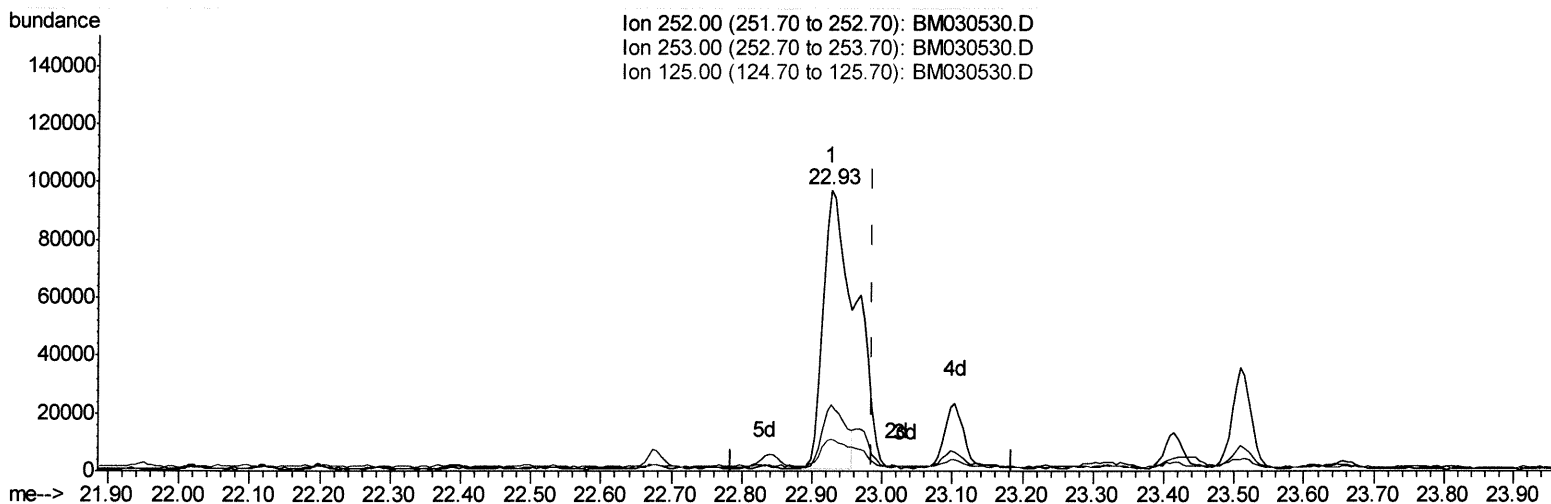
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 QLast Update : Tue Jun 22 15:07:37 2021  
 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.927min (-0.059) 5.98ng/ul

response 224633

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.80 | 23.61 |
| 125.00 | 9.90  | 11.29 |
| 0.00   | 0.00  | 0.00  |

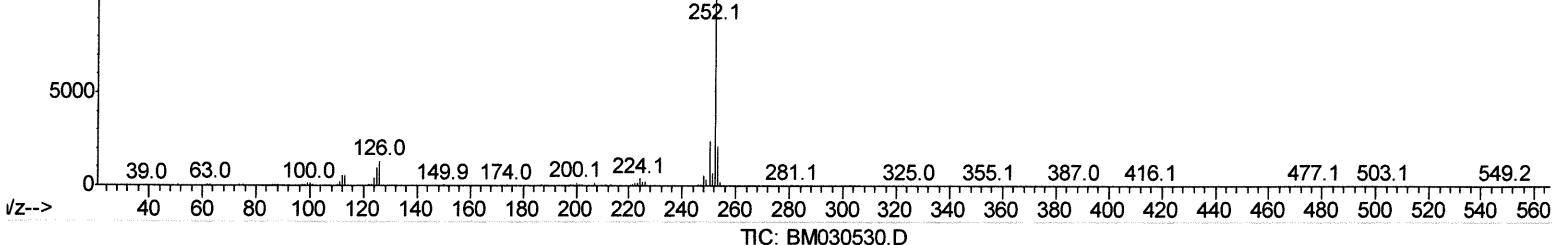
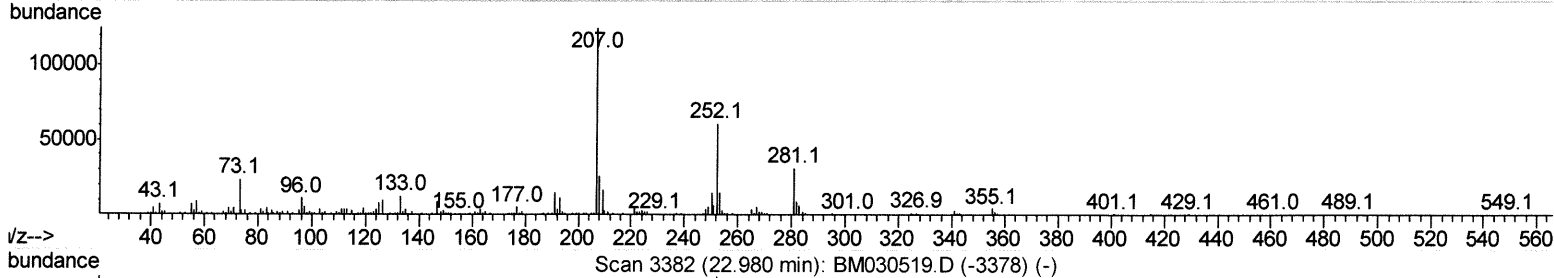
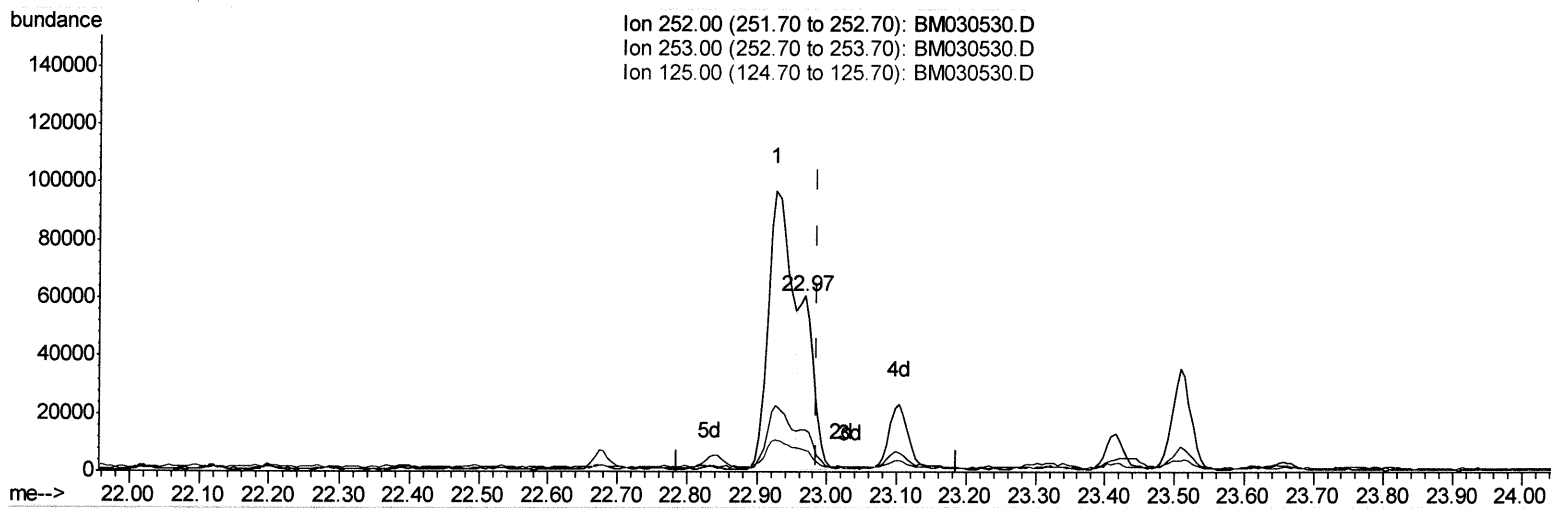
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Manual Integrations  
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 QLast Update : Tue Jun 22 15:07:37 2021  
 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.968min (-0.018) 2.28ng/ul m

response 85457

*JY 6/23/24*

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.80 | 23.88  |
| 125.00 | 9.90  | 12.25# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\  
 Data File : BM030530.D  
 Acq On : 23 Jun 2021 00:11  
 Operator : CG/JU  
 Sample : M2662-24  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGD98

Manual Integrations  
 APPROVED

mohammad  
 6/23/2021 4:48:41 PM

Quant Time: Jun 23 02:24:35 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 22 15:07:37 2021

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.81  | 152  | 152139   | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.60 | 136  | 632824   | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.44 | 164  | 406802   | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.17 | 188  | 807816   | 20.00 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.34 | 240  | 622981   | 20.00 | ng/ul | 0.00     |
| 88) Perylene-d12          | 23.61 | 264  | 615614   | 20.00 | ng/ul | -0.02    |

#### System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 9664   | 2.58  | ng/uL | 0.00  |
| 4) Pividine-d5                 | 3.72  | 84  | 69129  | 6.86  | ng/ul | 0.02  |
| 7) Phenol-d5                   | 6.97  | 99  | 186961 | 14.25 | ng/ul | 0.00  |
| 9) Bis-(2-Chloroethyl)ether-d  | 7.14  | 67  | 124505 | 15.10 | ng/ul | 0.00  |
| 11) 2-Chlorophenol-d4          | 7.34  | 132 | 154289 | 15.23 | ng/ul | 0.00  |
| 15) 4-Methylphenol-d8          | 8.51  | 113 | 160384 | 15.71 | ng/ul | 0.00  |
| 21) Nitrobenzene-d5            | 8.96  | 128 | 72115  | 15.27 | ng/ul | 0.00  |
| 24) 2-Nitrophenol-d4           | 9.68  | 143 | 77653  | 14.80 | ng/ul | 0.00  |
| 28) 2,4-Dichlorophenol-d3      | 10.22 | 165 | 155118 | 15.43 | ng/ul | 0.00  |
| 31) 4-Chloroaniline-d4         | 10.73 | 131 | 98945  | 7.06  | ng/ul | 0.00  |
| 46) Dimethylphthalate-d6       | 13.84 | 166 | 535314 | 19.06 | ng/ul | 0.00  |
| 49) Acenaphthylene-d8          | 14.13 | 160 | 639534 | 17.54 | ng/ul | 0.00  |
| 54) 4-Nitrophenol-d4           | 14.64 | 143 | 34383  | 6.46  | ng/ul | 0.00  |
| 60) Fluorene-d10               | 15.43 | 176 | 472554 | 18.97 | ng/ul | 0.00  |
| 65) 4,6-Dinitro-2-methylphenol | 15.55 | 200 | 43989  | 8.32  | ng/ul | 0.00  |
| 73) Anthracene-d10             | 17.27 | 188 | 692966 | 18.38 | ng/ul | 0.00  |
| 81) Pyrene-d10                 | 19.56 | 212 | 519252 | 15.91 | ng/ul | 0.00  |
| 92) Benzo(a)pyrene-d12         | 23.46 | 264 | 277122 | 8.66  | ng/ul | -0.02 |

#### Target Compounds

|                                |       |     |        |        | Ovalue |      |
|--------------------------------|-------|-----|--------|--------|--------|------|
| 6) Benzaldehyde                | 6.96  | 77  | 7376   | 1.156  | ng/ul  | 92   |
| 16) Acetophenone               | 8.63  | 105 | 19986  | 1.267  | ng/ul  | 96   |
| 72) Phenanthrene               | 17.22 | 178 | 319959 | 7.376  | ng/ul  | 99   |
| 74) Anthracene                 | 17.31 | 178 | 105984 | 2.389  | ng/ul  | 98   |
| 80) Fluoranthene               | 19.23 | 202 | 583738 | 14.642 | ng/ul  | 99   |
| 82) Pyrene                     | 19.59 | 202 | 321783 | 7.682  | ng/ul  | 98   |
| 85) Benzo(a)anthracene         | 21.33 | 228 | 254789 | 6.590  | ng/ul  | 98   |
| 86) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 80436  | 4.056  | ng/ul  | 99   |
| 87) Chrysene                   | 21.38 | 228 | 198664 | 5.271  | ng/ul  | 97   |
| 90) Benzo(b)fluoranthene       | 22.93 | 252 | 224633 | 5.747  | ng/ul  | 97   |
| 91) Benzo(k)fluoranthene       | 22.97 | 252 | 85457m | 2.275  | ng/ul  | > 94 |
| 93) Benzo(a)pyrene             | 23.51 | 252 | 65324  | 1.859  | ng/ul  | 95   |
| 94) Indeno(1,2,3-cd)pyrene     | 25.90 | 276 | 53683  | 1.213  | ng/ul  | 95   |

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