

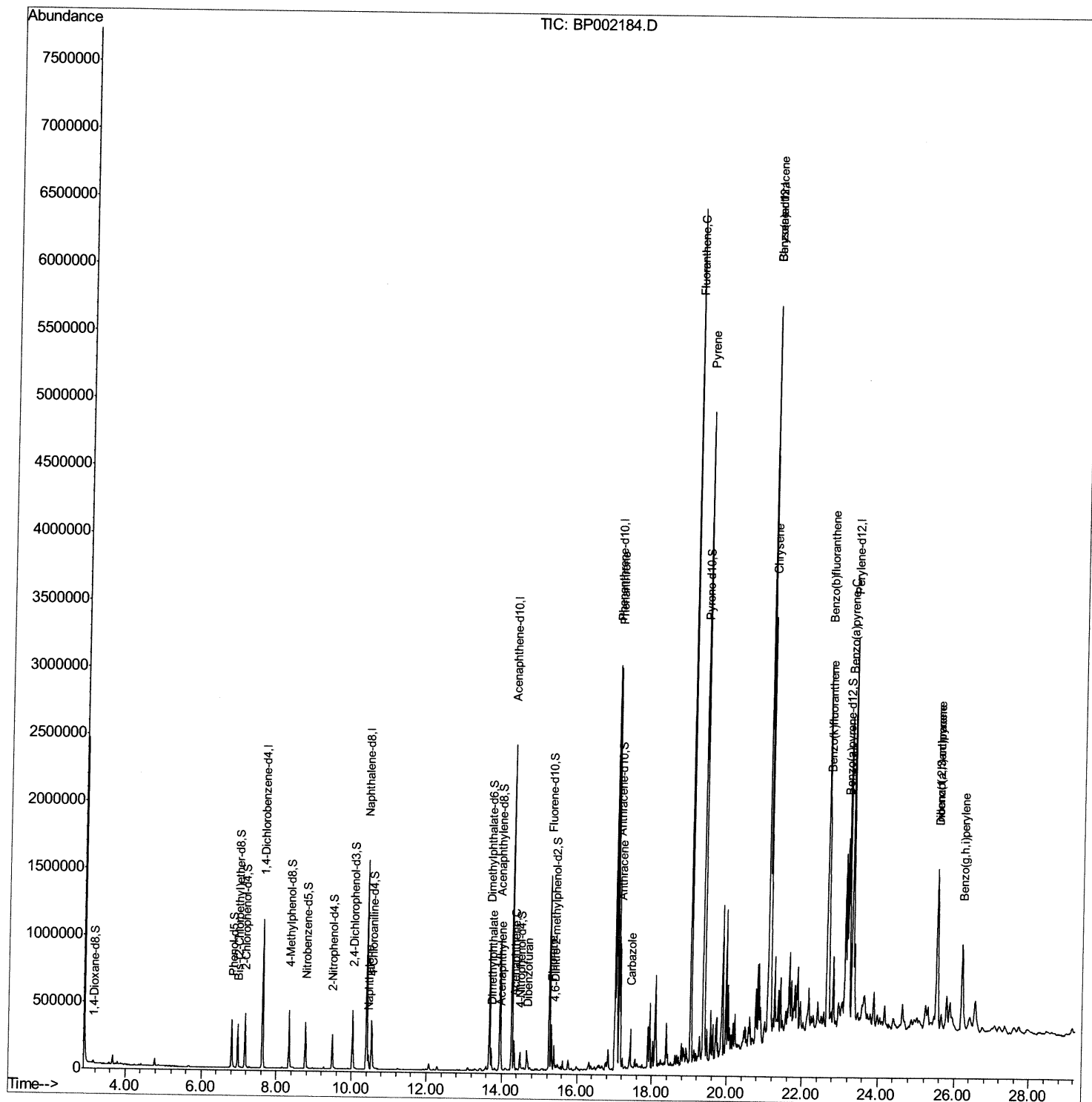
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031220\  
Data File : BP002184.D  
Acq On : 12 Mar 2020 15:21  
Operator : CG/JU  
Sample : L1786-13  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AC9

Manual Integrations  
APPROVED

mohammad  
3/13/2020 8:57:21 AM

Quant Time: Mar 13 02:10:54 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 12 13:49:07 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

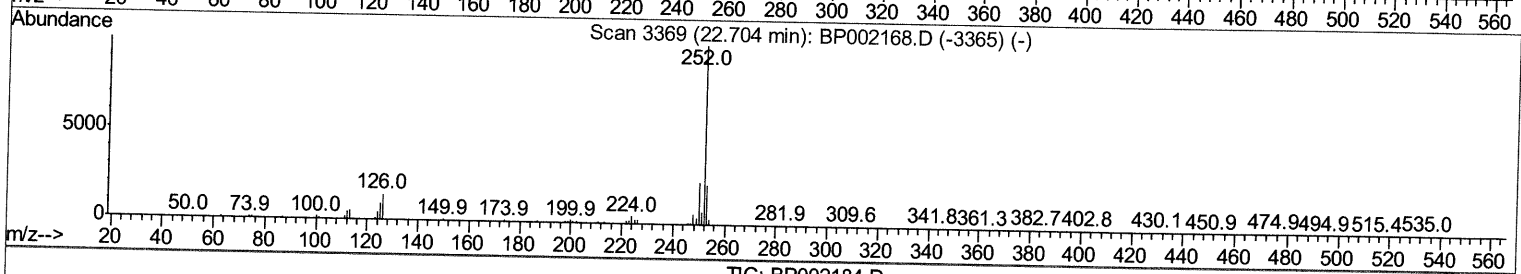
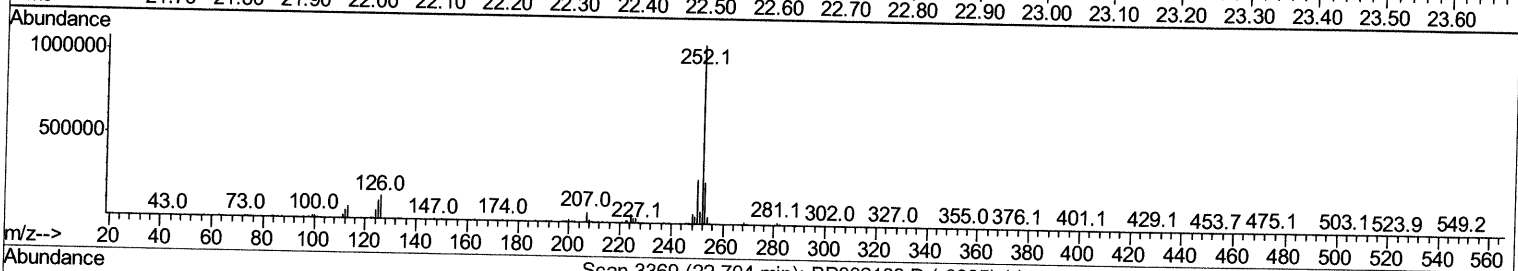
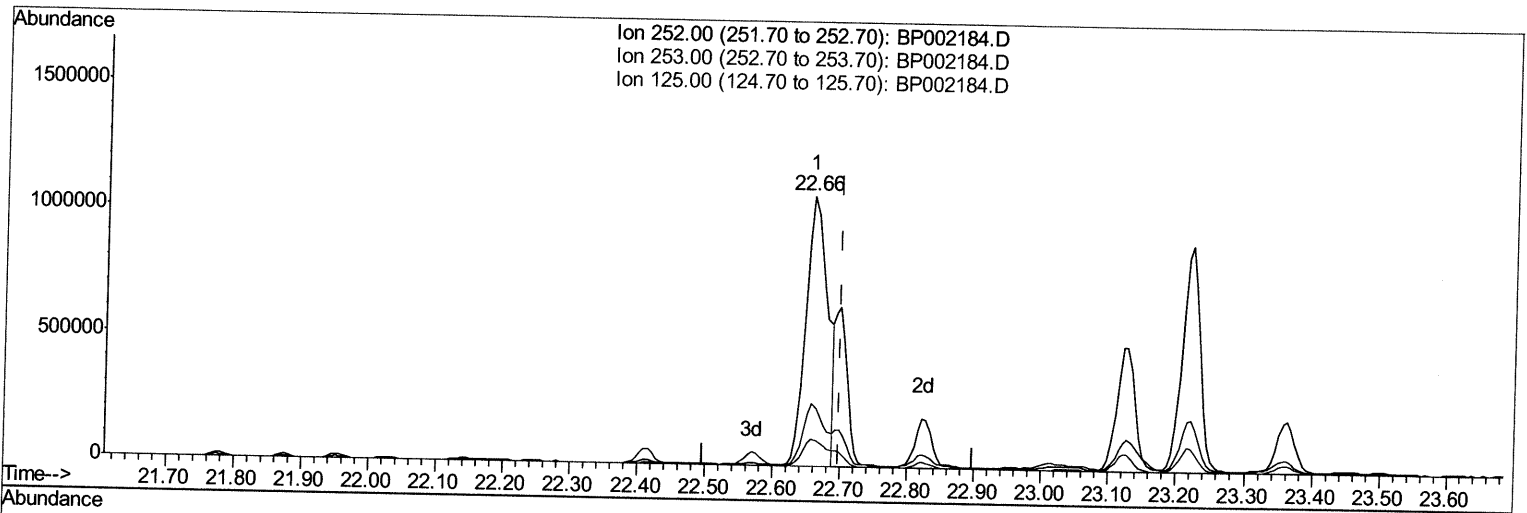
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**Manual Integrations**  
**APPROVED**

mohammad  
 3/13/2020 8:57:21 AM

Quant Time: Mar 13 02:09:18 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 12 13:49:07 2020  
 Response via : Initial Calibration



TIC: BP002184.D

(89) Benzo(k)fluoranthene  
 22.657min (-0.041) 18.77ng/ul  
 response 2377161  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.90 | 23.27 |
| 125.00 | 9.20  | 10.07 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

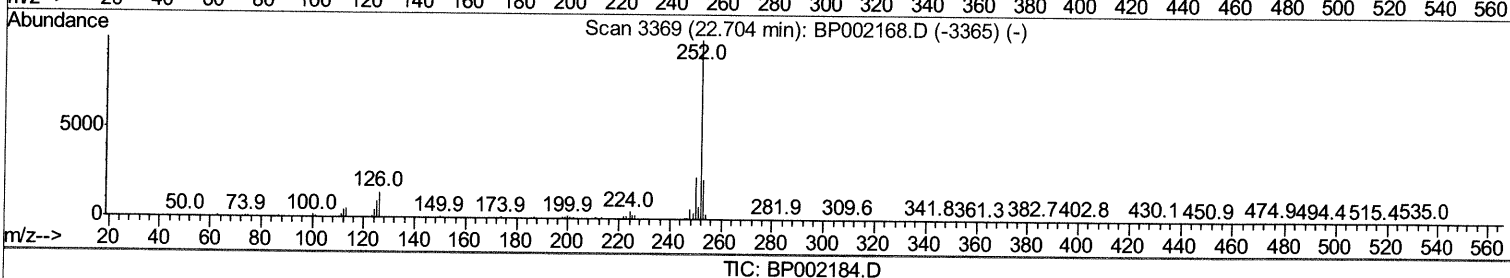
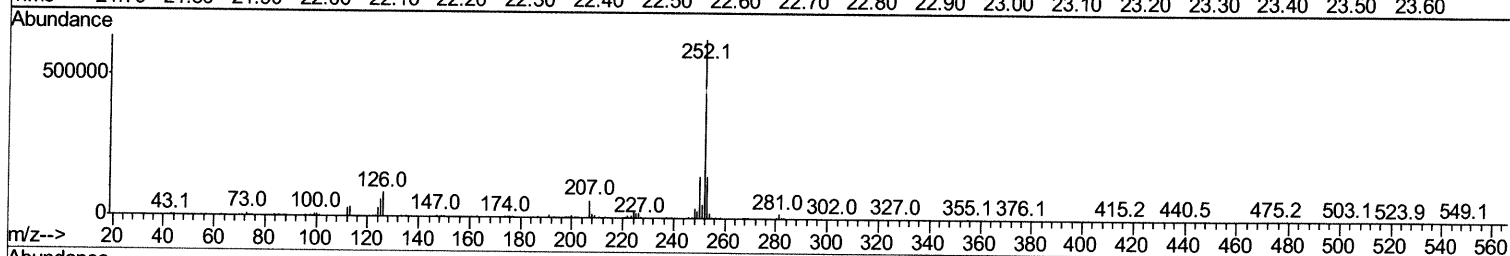
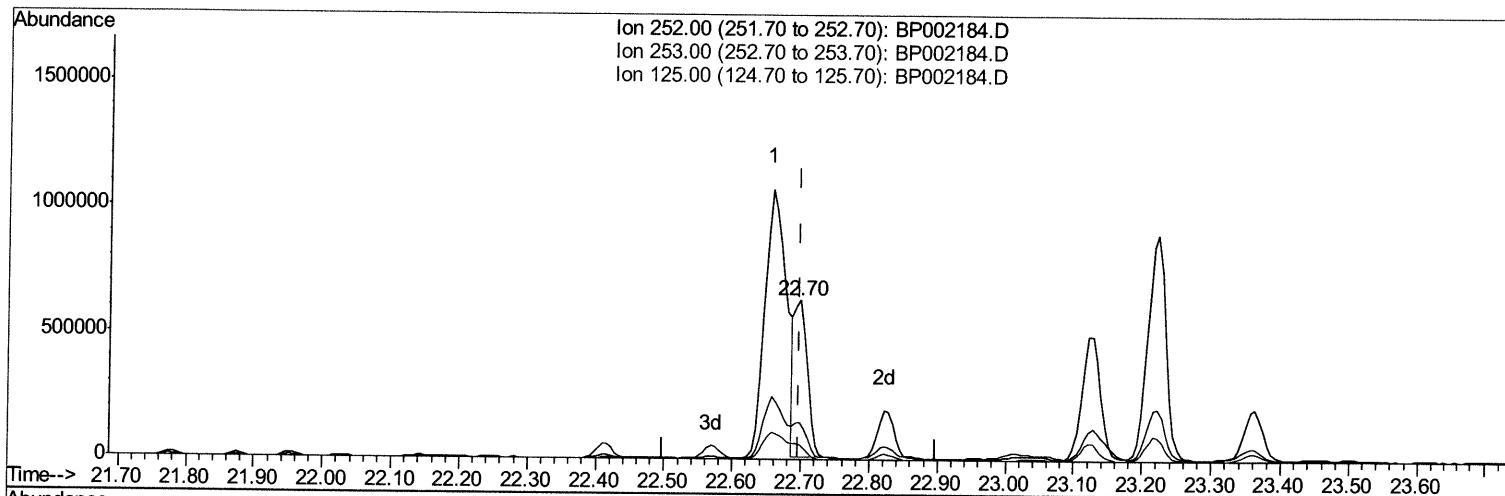
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Manual Integrations  
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mohammad  
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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 12 13:49:07 2020  
Response via : Initial Calibration



(89) Benzo(k)fluoranthene

22.698min (+0.000) 6.21ng/ul m 2403/14/20

response 786410

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.90 | 23.51 |
| 125.00 | 9.20  | 9.34  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031220\  
 Data File : BP002184.D  
 Acq On : 12 Mar 2020 15:21  
 Operator : CG/JU  
 Sample : L1786-13  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AC9

Manual Integrations  
 APPROVED

mohammad  
 3/13/2020 8:57:21 AM

Quant Time: Mar 13 02:10:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
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 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 321003   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.40 | 136  | 1362917  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.26 | 164  | 849272   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.02 | 188  | 1791539  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.11 | 240  | 1719598  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.32 | 264  | 2063440  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 12485   | 1.67  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.81  | 99  | 218381  | 8.92  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 6.96  | 67  | 145643  | 11.23 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.16  | 132 | 198633  | 9.38  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.33  | 113 | 182296  | 9.06  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 91965   | 8.78  | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 96485   | 8.19  | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 193183  | 8.51  | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 237133  | 9.53  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.67 | 166 | 656251  | 10.21 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.95 | 160 | 705172  | 9.17  | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.47 | 143 | 49595   | 4.04  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.26 | 176 | 579925  | 10.43 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 46925   | 4.75  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.12 | 188 | 815014  | 10.12 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.36 | 212 | 944097  | 10.49 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.17 | 264 | 1025365 | 9.71  | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        | Ovalue |    |
|----------------------------|-------|-----|---------|--------|--------|----|
| 28) Naphthalene            | 10.45 | 128 | 89288   | 1.223  | ng/ul  | 97 |
| 45) Dimethylphthalate      | 13.72 | 163 | 108394  | 1.634  | ng/ul  | 99 |
| 48) Acenaphthylene         | 13.98 | 152 | 85698   | 1.051  | ng/ul  | 99 |
| 50) Acenaphthene           | 14.33 | 153 | 92785   | 1.693  | ng/ul  | 98 |
| 54) Dibenzofuran           | 14.66 | 168 | 99831   | 1.290  | ng/ul  | 96 |
| 59) Fluorene               | 15.32 | 166 | 147959  | 2.392  | ng/ul  | 99 |
| 70) Phenanthrene           | 17.06 | 178 | 1834971 | 18.592 | ng/ul  | 99 |
| 72) Anthracene             | 17.15 | 178 | 577689  | 5.912  | ng/ul  | 99 |
| 75) Carbazole              | 17.42 | 167 | 192418  | 2.338  | ng/ul  | 98 |
| 77) Fluoranthene           | 19.04 | 202 | 3710447 | 32.589 | ng/ul  | 99 |
| 80) Pyrene                 | 19.39 | 202 | 2990704 | 25.544 | ng/ul  | 99 |
| 83) Benzo(a)anthracene     | 21.10 | 228 | 1874142 | 16.109 | ng/ul  | 97 |
| 85) Chrysene               | 21.15 | 228 | 1717103 | 15.471 | ng/ul  | 97 |
| 88) Benzo(b)fluoranthene   | 22.66 | 252 | 2377161 | 18.370 | ng/ul  | 97 |
| 89) Benzo(k)fluoranthene   | 22.70 | 252 | 786410m | 6.208  | ng/ul  | 97 |
| 91) Benzo(a)pyrene         | 23.22 | 252 | 1625589 | 13.838 | ng/ul  | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 25.53 | 276 | 1067119 | 7.009  | ng/ul  | 97 |
| 93) Dibenz(a,h)anthracene  | 25.53 | 278 | 297889  | 2.366  | ng/ul# | 90 |
| 94) Benzo(g,h,i)perylene   | 26.21 | 276 | 769016  | 5.983  | ng/ul  | 95 |

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