

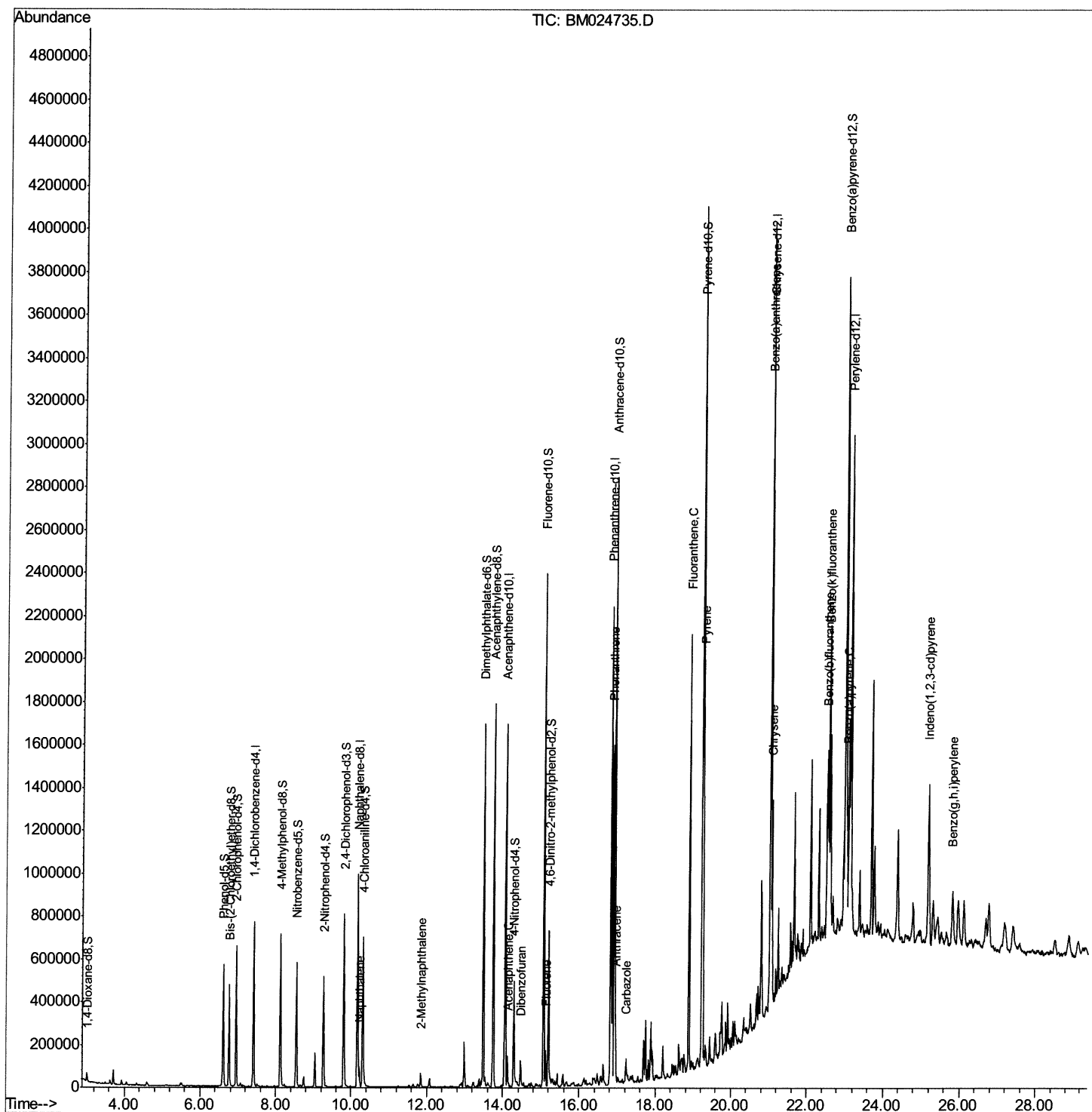
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\  
Data File : BM024735.D  
Acq On : 06 Feb 2020 19:38  
Operator : CG/JU  
Sample : L1398-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleID :  
CB6D5

Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:21:43 AM

Quant Time: Feb 06 21:22:43 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM020620MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Feb 06 16:50:23 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

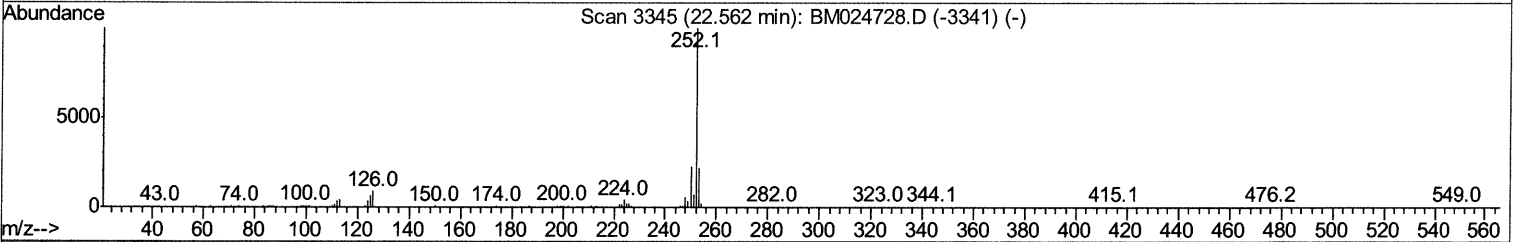
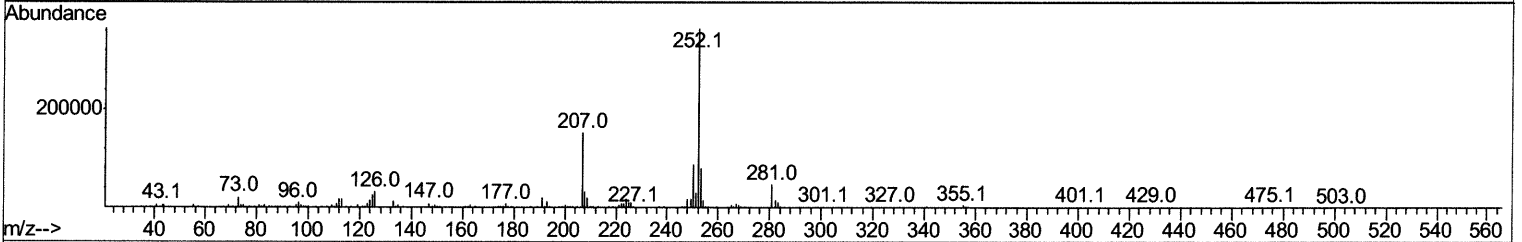
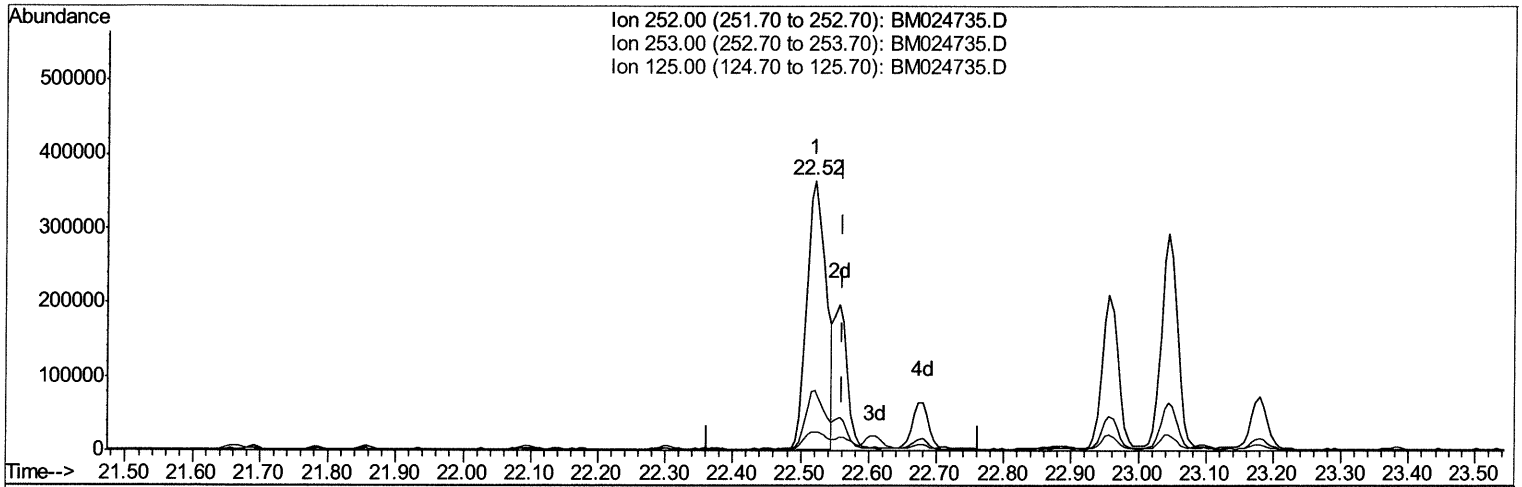
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**Manual Integrations**  
**APPROVED**

mohammad  
 2/10/2020 8:21:43 AM

Quant Time: Feb 06 21:01:31 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM020620MA.M  
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 QLast Update : Thu Feb 06 16:50:23 2020  
 Response via : Initial Calibration



TIC: BM024735.D

(89) Benzo(k)fluoranthene  
 22.521min (-0.041) 7.04ng/ul  
 response 725572  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.70 | 22.15 |
| 125.00 | 6.40  | 6.97  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

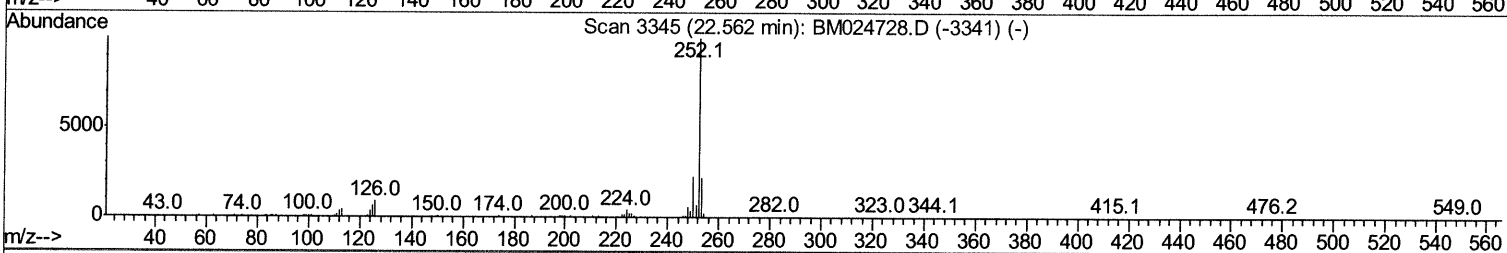
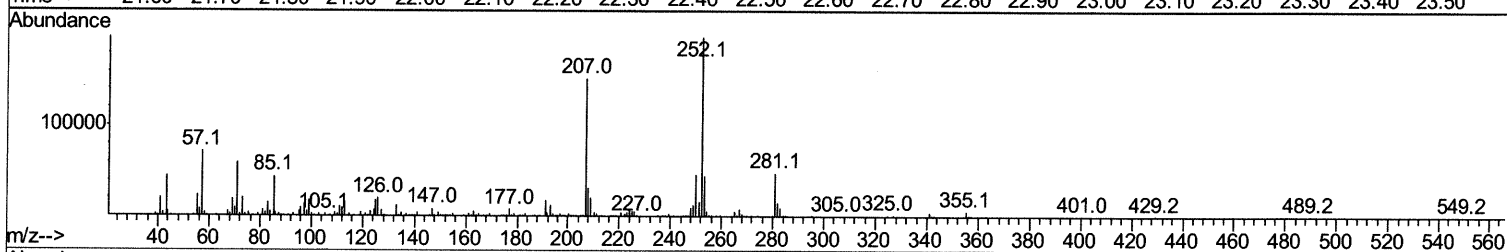
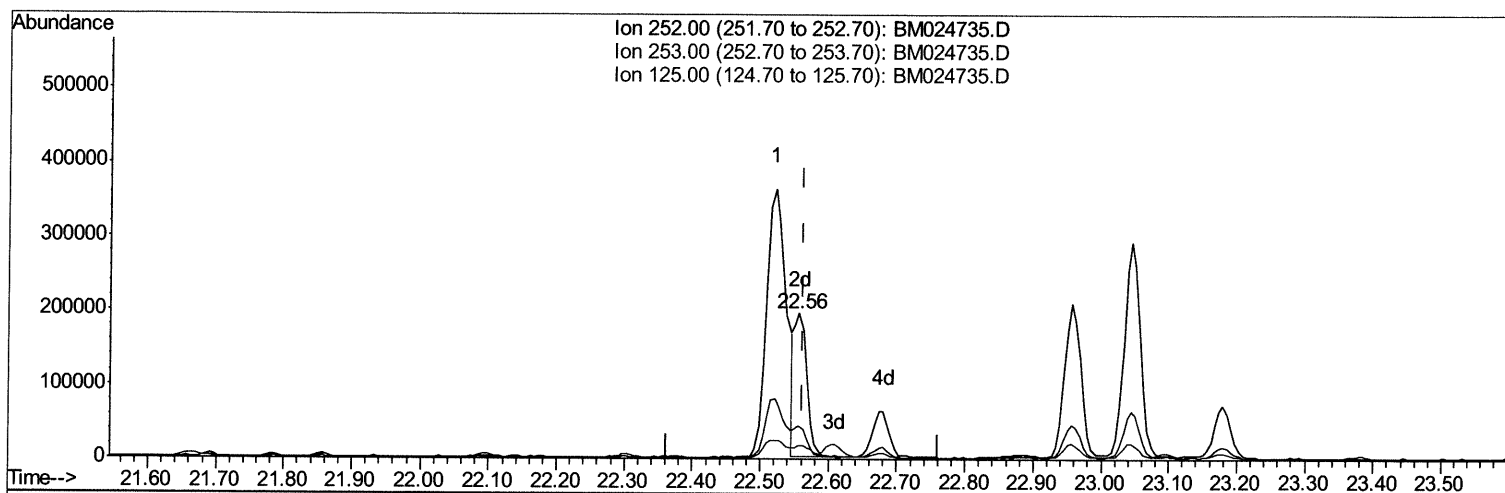
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BNA\_M  
ClientSampleId :  
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Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:21:43 AM

Quant Time: Feb 06 21:01:31 2020  
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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Feb 06 16:50:23 2020  
Response via : Initial Calibration



TIC: BM024735.D

(89) Benzo(k)fluoranthene

22.556min (-0.006) 2.47ng/ul m JU 02/12/20

response 255009

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.70 | 22.55 |
| 125.00 | 6.40  | 8.91# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\  
 Data File : BM024735.D  
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 Operator : CG/JU  
 Sample : L1398-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB6D5

Manual Integrations  
 APPROVED

mohammad  
 2/10/2020 8:21:43 AM

Quant Time: Feb 06 21:22:43 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM020620MA.M  
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 QLast Update : Thu Feb 06 16:50:23 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.41  | 152  | 211567   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.17 | 136  | 833519   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.06 | 164  | 582015   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.82 | 188  | 1335389  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.03 | 240  | 1474123  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.13 | 264  | 1684529  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.02  | 96  | 19537   | 4.44  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.60  | 99  | 319410  | 22.73 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 6.76  | 67  | 193165  | 24.33 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.95  | 132 | 297981  | 23.66 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.12  | 113 | 266981  | 22.51 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.55  | 128 | 148383  | 24.62 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.26  | 143 | 176030  | 24.72 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.80  | 165 | 323261  | 22.50 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.31 | 131 | 386823  | 28.78 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.49 | 166 | 1131474 | 25.75 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.74 | 160 | 1289341 | 25.13 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.29 | 143 | 145911  | 20.44 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.07 | 176 | 993835  | 25.55 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.19 | 200 | 182824  | 21.00 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.92 | 188 | 1584297 | 25.99 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.22 | 212 | 2000601 | 27.13 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.00 | 264 | 2339367 | 27.65 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        | Ovalue |     |
|----------------------------|-------|-----|---------|--------|--------|-----|
| 28) Naphthalene            | 10.22 | 128 | 75186   | 1.765  | ng/ul  | 98  |
| 34) 2-Methylnaphthalene    | 11.85 | 142 | 32742   | 1.044  | ng/ul  | 91  |
| 50) Acenaphthene           | 14.13 | 153 | 58633   | 1.634  | ng/ul  | 96  |
| 54) Dibenzofuran           | 14.47 | 168 | 73469   | 1.373  | ng/ul  | 95  |
| 59) Fluorene               | 15.12 | 166 | 62862   | 1.426  | ng/ul  | 99  |
| 70) Phenanthrene           | 16.86 | 178 | 945631  | 12.987 | ng/ul  | 99  |
| 72) Anthracene             | 16.94 | 178 | 194123  | 2.629  | ng/ul  | 99  |
| 75) Carbazole              | 17.23 | 167 | 72696   | 1.182  | ng/ul  | 97  |
| 77) Fluoranthene           | 18.89 | 202 | 1224140 | 13.695 | ng/ul  | 99  |
| 80) Pyrene                 | 19.25 | 202 | 1049170 | 10.752 | ng/ul  | 99  |
| 83) Benzo(a)anthracene     | 21.01 | 228 | 597662  | 6.019  | ng/ul  | 99  |
| 85) Chrysene               | 21.06 | 228 | 584012  | 5.974  | ng/ul  | 100 |
| 88) Benzo(b)fluoranthene   | 22.52 | 252 | 725572  | 6.774  | ng/ul  | 99  |
| 89) Benzo(k)fluoranthene   | 22.56 | 252 | 255009m | 2.473  | ng/ul  | 99  |
| 91) Benzo(a)pyrene         | 23.04 | 252 | 487524  | 5.077  | ng/ul  | 99  |
| 92) Indeno(1,2,3-cd)pyrene | 25.19 | 276 | 324236  | 2.712  | ng/ul  | 97  |
| 94) Benzo(a,h,i)perylene   | 25.81 | 276 | 299540  | 3.012  | ng/ul  | 98  |

JU 02/12/20

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