

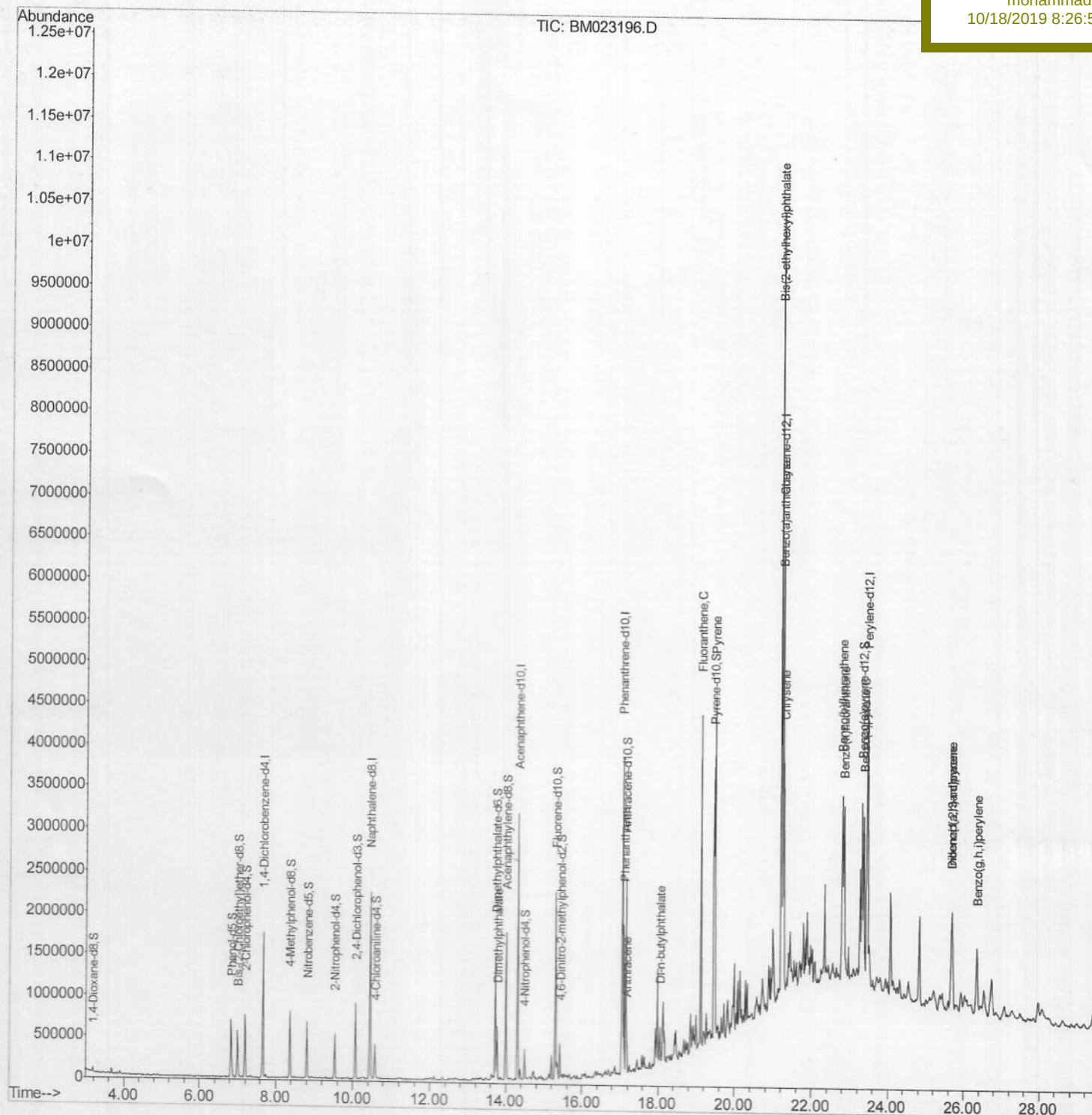
Data File : BM023196.D  
Acq On : 16 Oct 2019 18:33  
Operator : JU  
Sample : K5199-05DL 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 17 04:45:40 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101419MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 17 04:31:06 2019  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
BEP72DL

Manual Integrations  
APPROVED

mohammad  
10/18/2019 8:26:50 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM101619\  
Quantitation Report (Qedit)

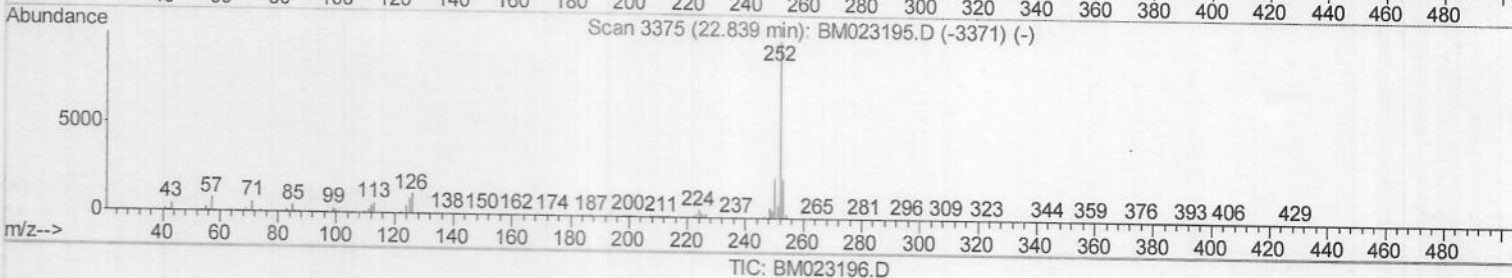
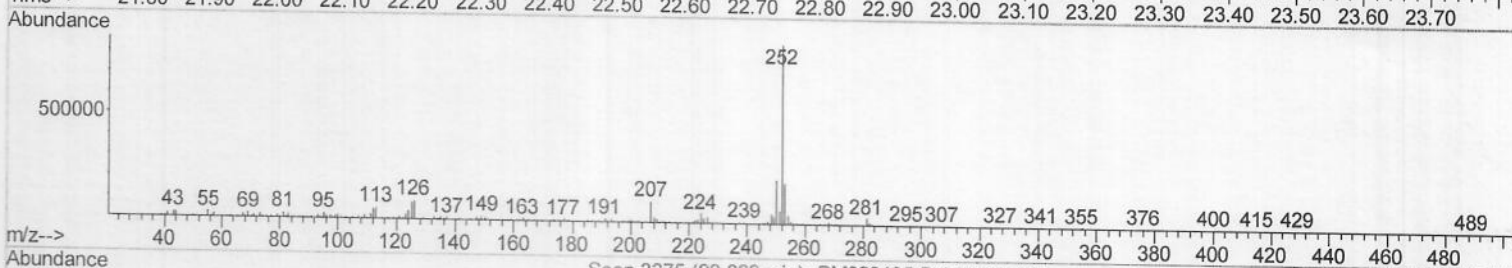
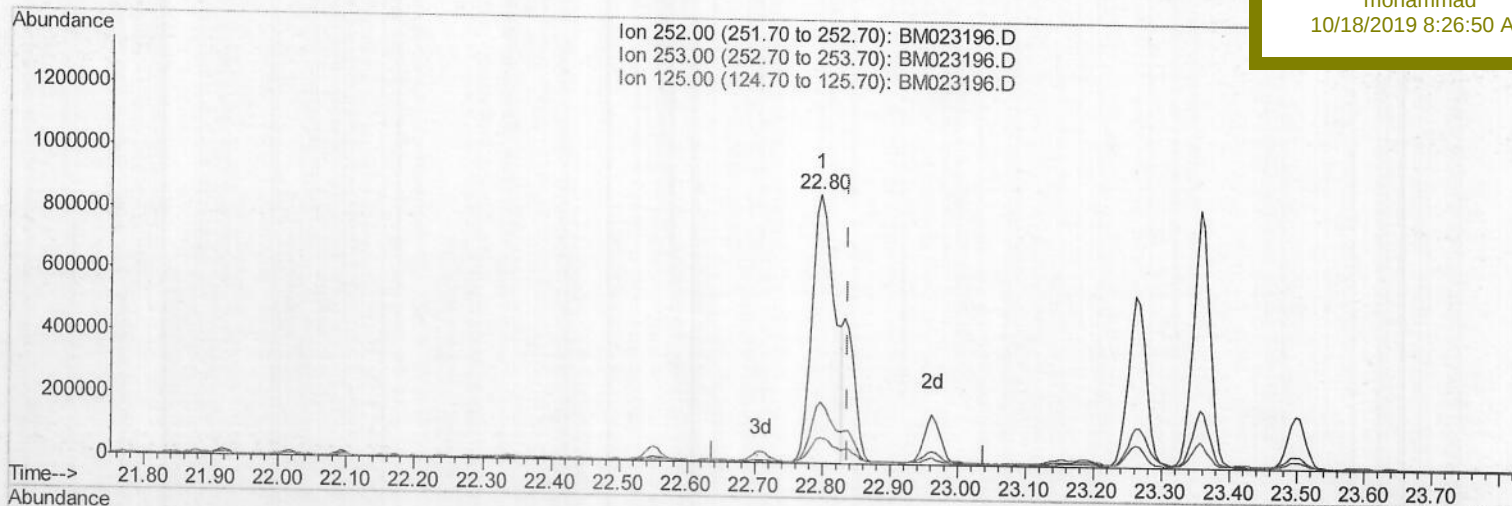
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Acq On : 16 Oct 2019 18:33  
Operator : JU  
Sample : K5199-05DL 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 17 04:33:34 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101419MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 17 04:31:06 2019  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
BEP72DL

Manual Integrations  
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10/18/2019 8:26:50 AM



(89) Benzo(k)fluoranthene

22.797min (-0.041) 13.44ng/ui

response 1979447

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.70 | 22.80 |
| 125.00 | 8.10  | 9.48  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM101619\  
Quantitation Report (Qedit)

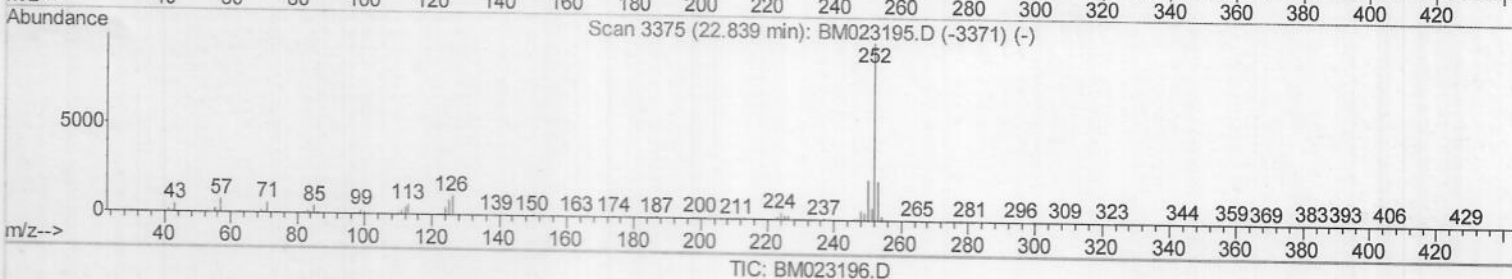
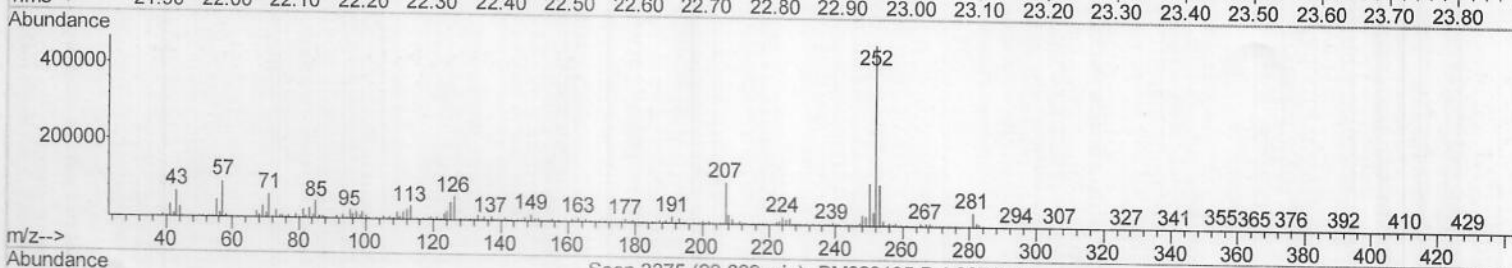
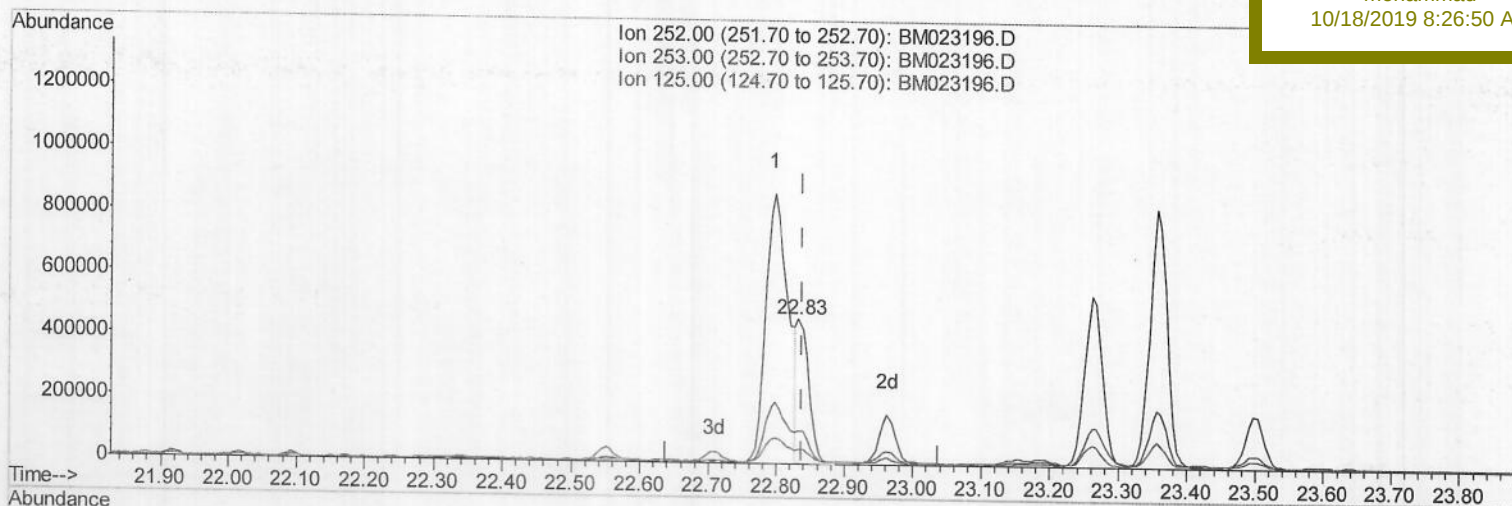
Data File : BM023196.D  
Acq On : 16 Oct 2019 18:33  
Operator : JU  
Sample : K5199-05DL 2X  
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Quant Time: Oct 17 04:33:34 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101419MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 17 04:31:06 2019  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
BEP72DL

Manual Integrations  
APPROVED

mohammad  
10/18/2019 8:26:50 AM



(89) Benzo(k)fluoranthene

22.833min (-0.006) 3.79ng/ul m JU 10/19/19

response 558233

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.70 | 22.93 |
| 125.00 | 8.10  | 9.79# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM101619\  
Quantitation Report (QT Reviewed)

Data File : BM023196.D  
Acq On : 16 Oct 2019 18:33  
Operator : JU  
Sample : K5199-05DL 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 17 04:45:40 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101419MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 17 04:31:06 2019  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
BEP72DL

Manual Integrations  
APPROVED

mohammad  
10/18/2019 8:26:50 AM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 468234   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 1828192  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.31 | 164  | 1077717  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.05 | 188  | 2103121  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.24 | 240  | 2080212  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.46 | 264  | 2529258  | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 21875   | 2.06  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.83  | 99  | 377303  | 9.25  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 247940  | 10.75 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 332333  | 10.65 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 290141  | 8.86  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 150540  | 12.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 163258  | 13.86 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.06 | 165 | 327508  | 10.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 225550  | 6.19  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.72 | 166 | 987006  | 11.95 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.00 | 160 | 1172937 | 12.11 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.49 | 143 | 75032   | 5.61  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.30 | 176 | 848193  | 12.05 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 82194   | 9.86  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.15 | 188 | 1268932 | 12.51 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.44 | 212 | 1391830 | 13.82 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.32 | 264 | 1635658 | 12.76 | ng/ul | 0.00 |

#### Target Compounds

|                                |       |     |         |        |        | Qvalue |
|--------------------------------|-------|-----|---------|--------|--------|--------|
| 45) Dimethylphthalate          | 13.77 | 163 | 392410  | 4.747  | ng/ul  | 99     |
| 70) Phenanthrene               | 17.09 | 178 | 1048000 | 8.879  | ng/ul  | 99     |
| 72) Anthracene                 | 17.19 | 178 | 232960  | 1.910  | ng/ul  | 99     |
| 76) Di-n-butylphthalate        | 18.04 | 149 | 241337  | 1.861  | ng/ul  | 98     |
| 77) Fluoranthene               | 19.12 | 202 | 2367059 | 16.863 | ng/ul  | 100    |
| 80) Pyrene                     | 19.47 | 202 | 2536618 | 19.465 | ng/ul  | 98     |
| 83) Benzo(a)anthracene         | 21.23 | 228 | 1443871 | 10.244 | ng/ul  | 97     |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 3248274 | 45.071 | ng/ul  | 99     |
| 85) Chrysene                   | 21.28 | 228 | 1494999 | 11.423 | ng/ul  | 98     |
| 88) Benzo(b)fluoranthene       | 22.80 | 252 | 1979447 | 12.908 | ng/ul  | 98     |
| 89) Benzo(k)fluoranthene       | 22.83 | 252 | 558233m | 3.791  | ng/ul  | 98     |
| 91) Benzo(a)pyrene             | 23.36 | 252 | 1439836 | 9.786  | ng/ul  | 98     |
| 92) Indeno(1,2,3-cd)pyrene     | 25.67 | 276 | 970518  | 5.545  | ng/ul  | 99     |
| 93) Dibenzo(a,h)anthracene     | 25.67 | 278 | 269958  | 1.845  | ng/ul# | 91     |
| 94) Benzo(g,h,i)perylene       | 26.34 | 276 | 951440  | 6.602  | ng/ul  | 99     |

JU 10/19/19

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