

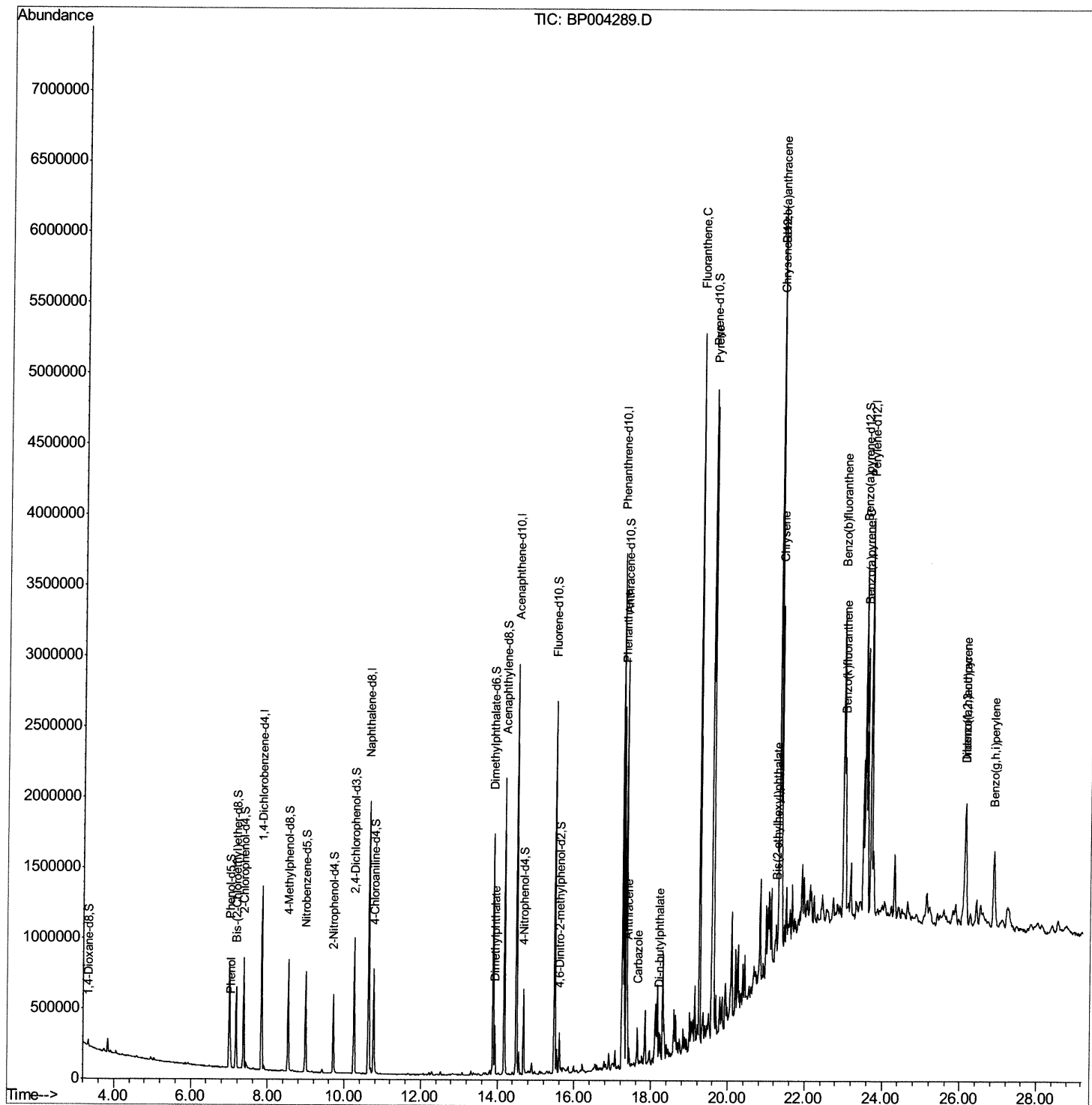
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\  
Data File : BP004289.D  
Acq On : 15 Dec 2020 00:16  
Operator : CG/JU  
Sample : L5001-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A54C6

Manual Integrations  
APPROVED

mohammad  
12/17/2020 9:52:02 AM

Quant Time: Dec 15 01:34:27 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 15 01:07:21 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

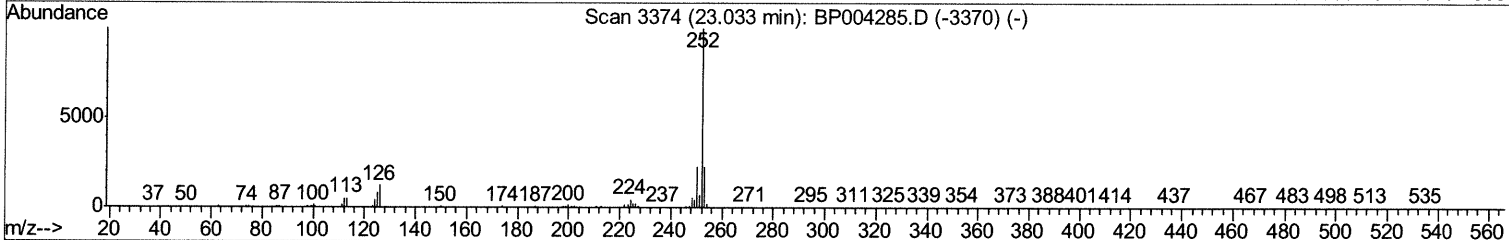
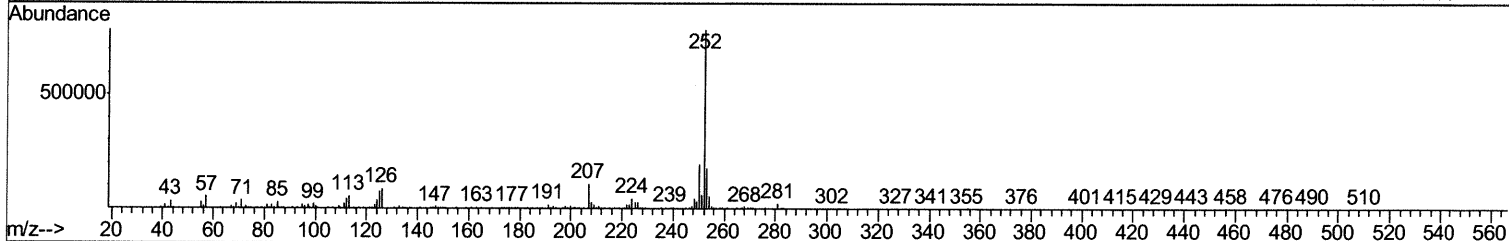
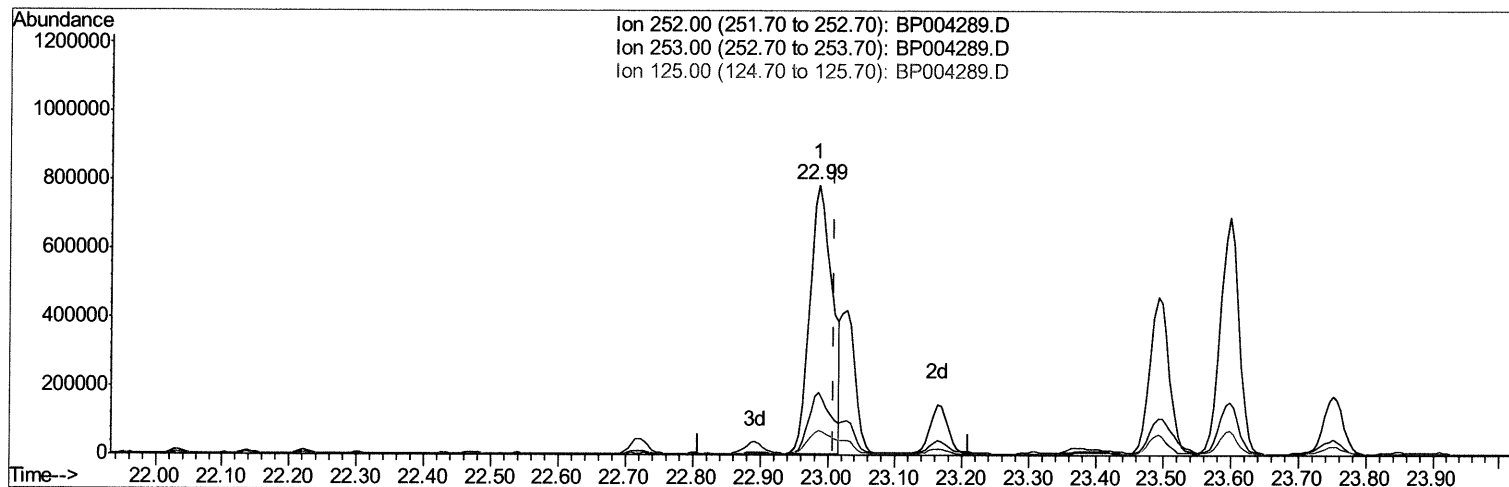
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 12/17/2020 9:52:02 AM

Quant Time: Dec 15 01:31:46 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 15 01:07:21 2020  
 Response via : Initial Calibration



TIC: BP004289.D

(89) Benzo(k)fluoranthene

22.986min (-0.023) 12.34ng/ul

response 1822759

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.80 | 22.97 |
| 125.00 | 9.10  | 9.29  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

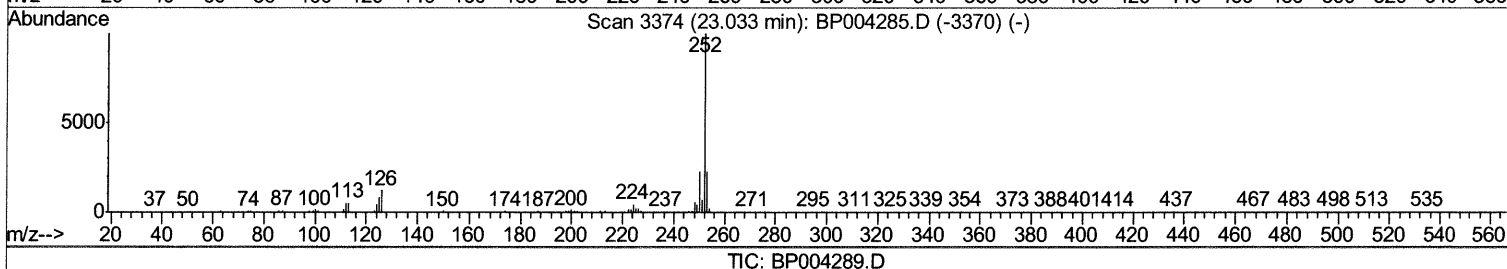
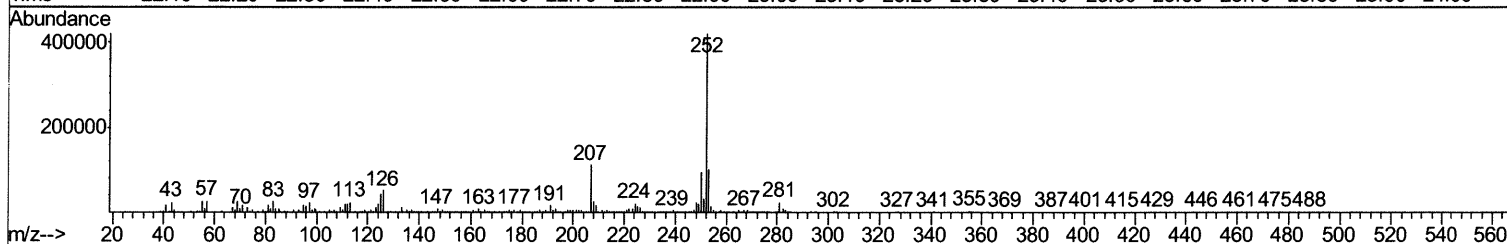
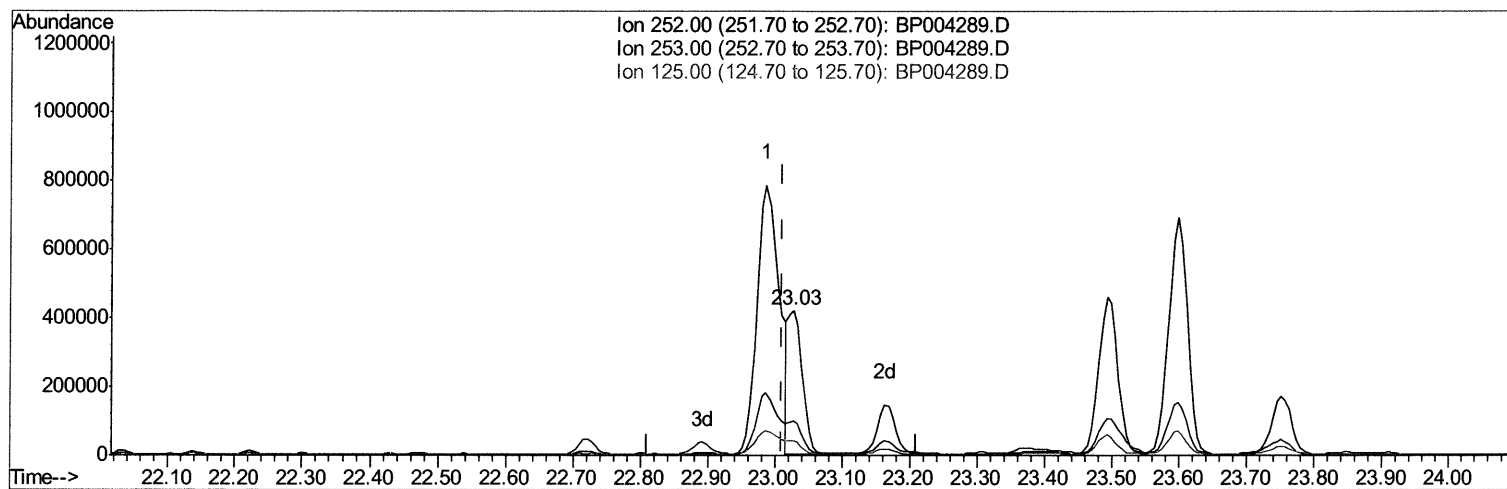
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\  
Data File : BP004289.D  
Acq On : 15 Dec 2020 00:16  
Operator : CG/JU  
Sample : L5001-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A54C6

Manual Integrations  
APPROVED

mohammad  
12/17/2020 9:52:02 AM

Quant Time: Dec 15 01:31:46 2020  
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Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 15 01:07:21 2020  
Response via : Initial Calibration



(89) Benzo(k)fluoranthene

23.027min (+0.018) 4.03ng/ul m 12/21/2020

response 594790

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.80 | 23.75 |
| 125.00 | 9.10  | 10.13 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\  
 Data File : BP004289.D  
 Acq On : 15 Dec 2020 00:16  
 Operator : CG/JU  
 Sample : L5001-08  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A54C6

Manual Integrations  
 APPROVED

mohammad  
 12/17/2020 9:52:02 AM

Quant Time: Dec 15 01:34:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 15 01:07:21 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 385477   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.63 | 136  | 1648864  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.49 | 164  | 1023597  | 20.00 | ng/ul | 0.01     |
| 62) Phenanthrene-d10      | 17.25 | 188  | 2181108  | 20.00 | ng/ul | 0.01     |
| 78) Chrysene-d12          | 21.34 | 240  | 2070004  | 20.00 | ng/ul | 0.02     |
| 86) Perylene-d12          | 23.70 | 264  | 2267868  | 20.00 | ng/ul | 0.03     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.33  | 96  | 21170   | 1.93  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.00  | 99  | 453924  | 14.23 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.17  | 67  | 257685  | 12.94 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.37  | 132 | 376719  | 15.56 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.54  | 113 | 326155  | 13.54 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.99  | 128 | 194110  | 14.37 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.72  | 143 | 204504  | 18.36 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.25 | 165 | 389451  | 15.90 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.76 | 131 | 424420  | 13.98 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.89 | 166 | 1195347 | 15.28 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.17 | 160 | 1544617 | 15.47 | ng/ul | 0.01 |
| 52) 4-Nitrophenol-d4           | 14.68 | 143 | 159733  | 12.09 | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.48 | 176 | 1048999 | 14.81 | ng/ul | 0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.60 | 200 | 66632   | 6.37  | ng/ul | 0.02 |
| 71) Anthracene-d10             | 17.35 | 188 | 1698724 | 15.98 | ng/ul | 0.01 |
| 79) Pyrene-d10                 | 19.59 | 212 | 1935265 | 17.95 | ng/ul | 0.02 |
| 90) Benzo(a)pyrene-d12         | 23.55 | 264 | 2020723 | 16.91 | ng/ul | 0.03 |

## Target Compounds

|                                |       |     |         |        | Ovalue  |            |
|--------------------------------|-------|-----|---------|--------|---------|------------|
| 6) Phenol                      | 7.03  | 94  | 87818   | 2.638  | ng/ul   | 97         |
| 45) Dimethylphthalate          | 13.93 | 163 | 229594  | 2.881  | ng/ul   | 100        |
| 70) Phenanthrene               | 17.29 | 178 | 1582874 | 12.301 | ng/ul   | 100        |
| 72) Anthracene                 | 17.37 | 178 | 374603  | 2.943  | ng/ul   | 99         |
| 75) Carbazole                  | 17.65 | 167 | 167565  | 1.617  | ng/ul   | 98         |
| 76) Di-n-butylphthalate        | 18.20 | 149 | 150845  | 1.367  | ng/ul   | 99         |
| 77) Fluoranthene               | 19.26 | 202 | 3066730 | 22.320 | ng/ul   | 98         |
| 80) Pyrene                     | 19.62 | 202 | 2779291 | 19.904 | ng/ul   | 96         |
| 83) Benzo(a)anthracene         | 21.32 | 228 | 1558433 | 11.422 | ng/ul   | 98         |
| 84) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 73207   | 1.173  | ng/ul#  | 97         |
| 85) Chrysene                   | 21.37 | 228 | 1380943 | 10.317 | ng/ul   | 98         |
| 88) Benzo(b)fluoranthene       | 22.99 | 252 | 1822759 | 12.674 | ng/ul   | 98         |
| 89) Benzo(k)fluoranthene       | 23.03 | 252 | 594790m | 4.027  | ng/ul > | 12/21/2020 |
| 91) Benzo(a)pyrene             | 23.60 | 252 | 1333127 | 9.933  | ng/ul   | 99         |
| 92) Indeno(1,2,3-cd)pyrene     | 26.13 | 276 | 907141  | 5.390  | ng/ul   | 99         |
| 93) Dibenzo(a,h)anthracene     | 26.14 | 278 | 236620  | 1.677  | ng/ul   | 93         |
| 94) Benzo(g,h,i)perylene       | 26.87 | 276 | 730774  | 5.175  | ng/ul   | 96         |

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