

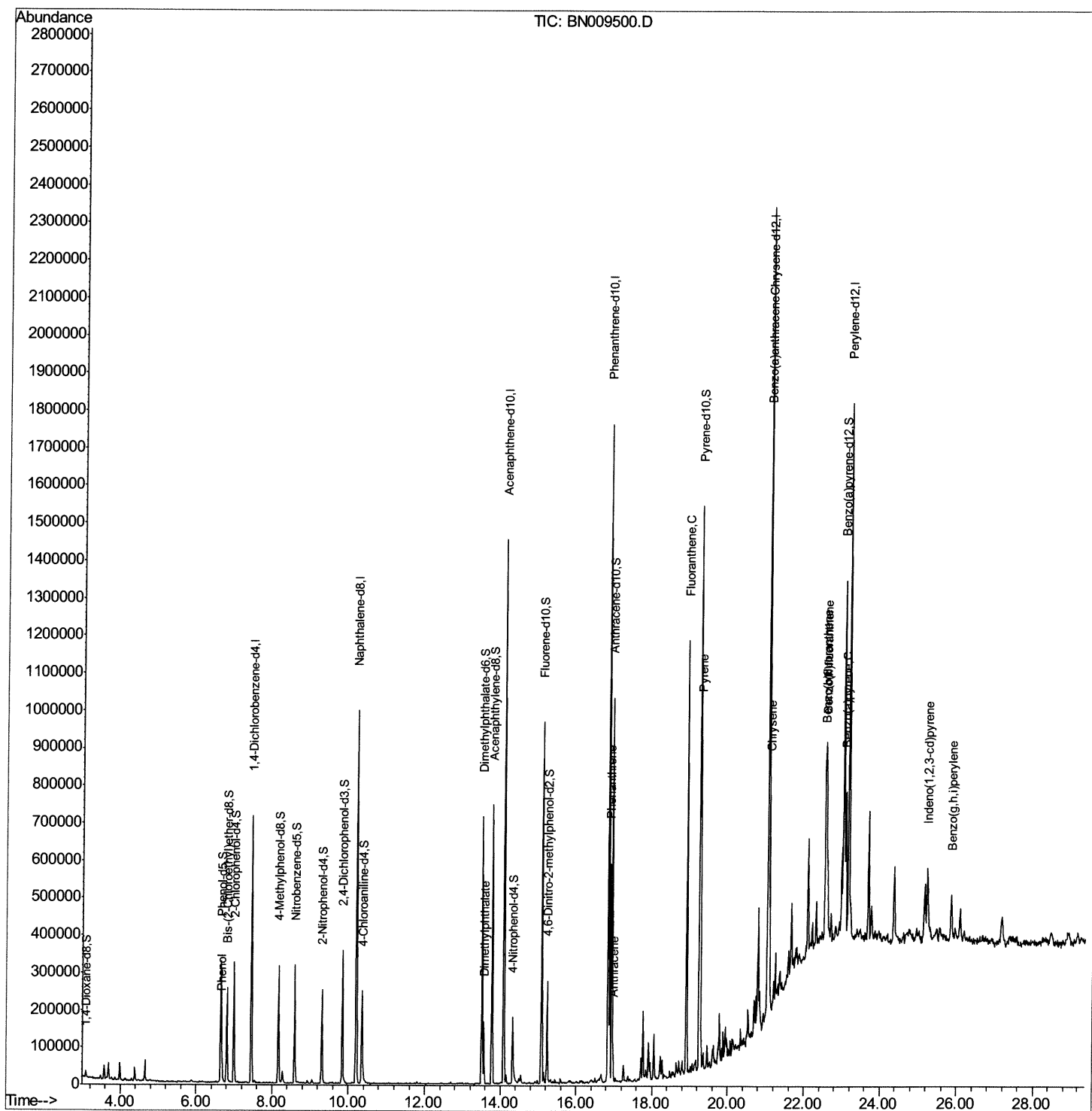
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\  
Data File : BN009500.D  
Acq On : 31 Jan 2020 07:01  
Operator : CG/JU  
Sample : L1300-20  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT0

Manual Integrations  
APPROVED

mohammad  
2/3/2020 4:08:22 PM

Quant Time: Jan 31 08:15:15 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 31 00:47:12 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

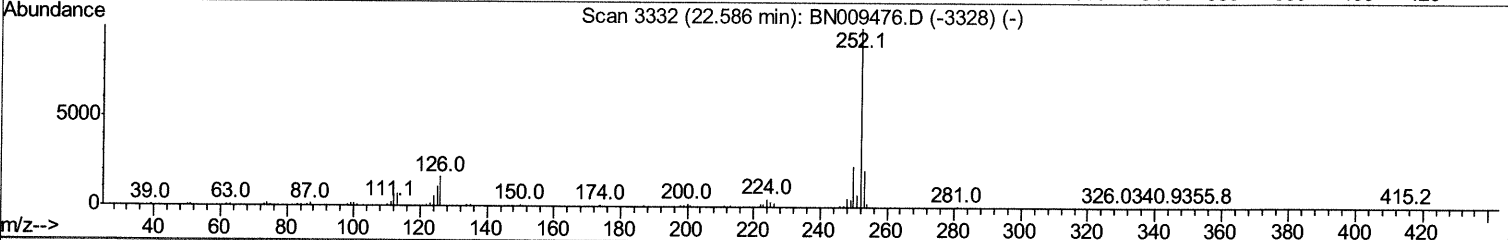
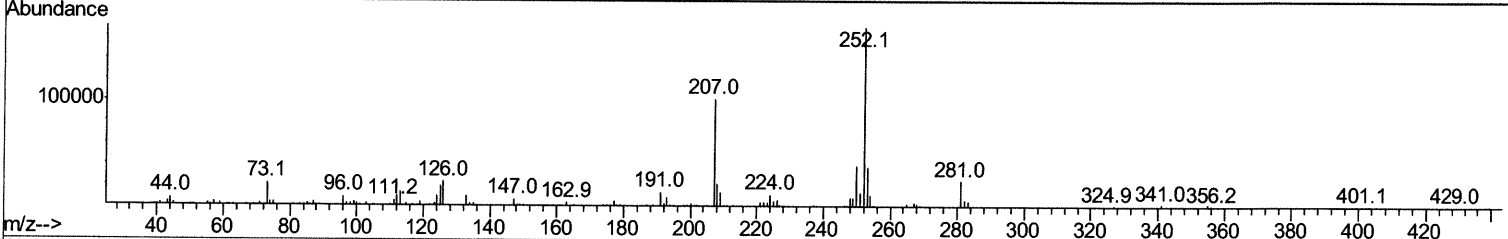
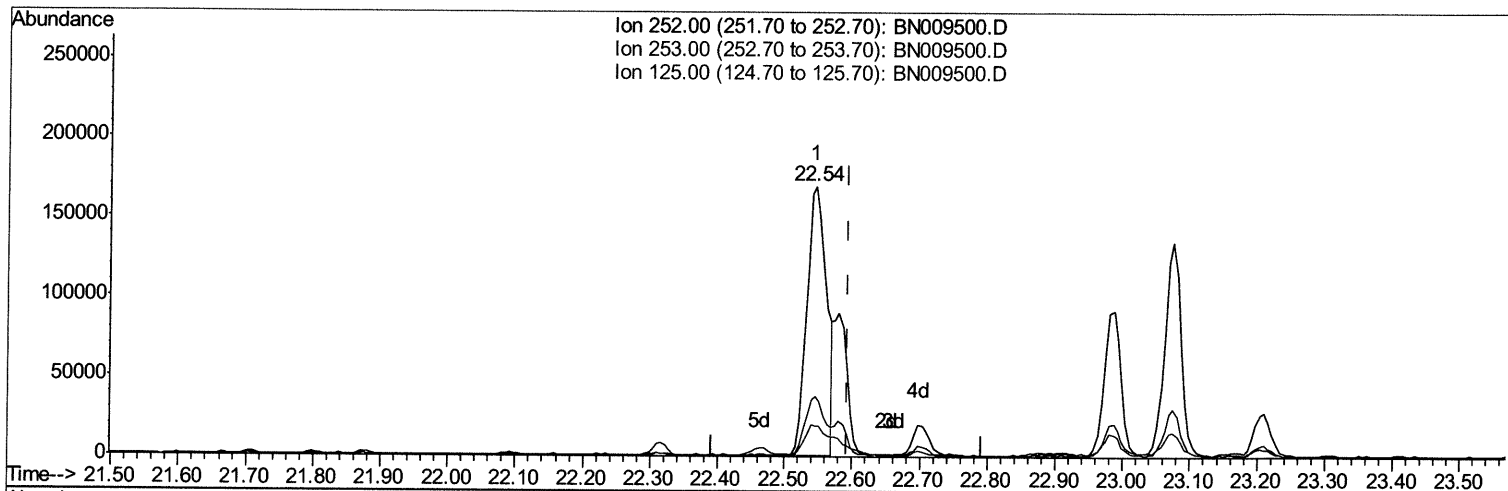
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\  
 Data File : BN009500.D  
 Acq On : 31 Jan 2020 07:01  
 Operator : CG/JU  
 Sample : L1300-20  
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Manual Integrations  
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mohammad  
 2/3/2020 4:08:22 PM

Quant Time: Jan 31 08:13:56 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 31 00:47:12 2020  
 Response via : Initial Calibration



TIC: BN009500.D

(88) Benzo(k)fluoranthene

22.545min (-0.047) 6.22ng/ul

response 345633

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.20 | 22.22 |
| 125.00 | 9.80  | 11.24 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

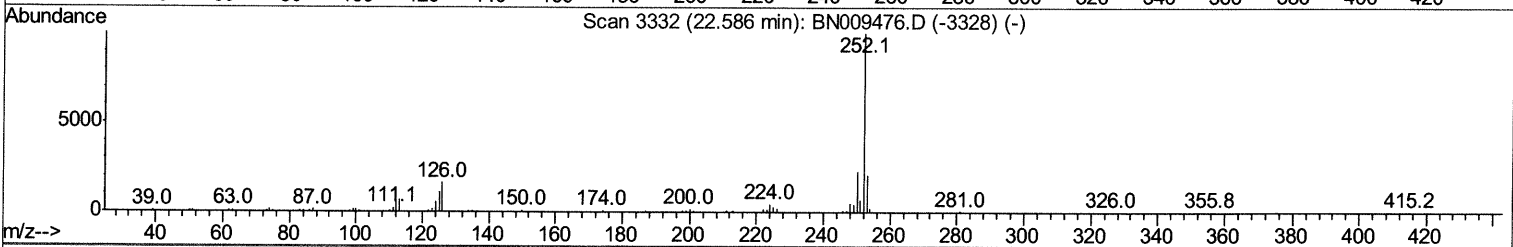
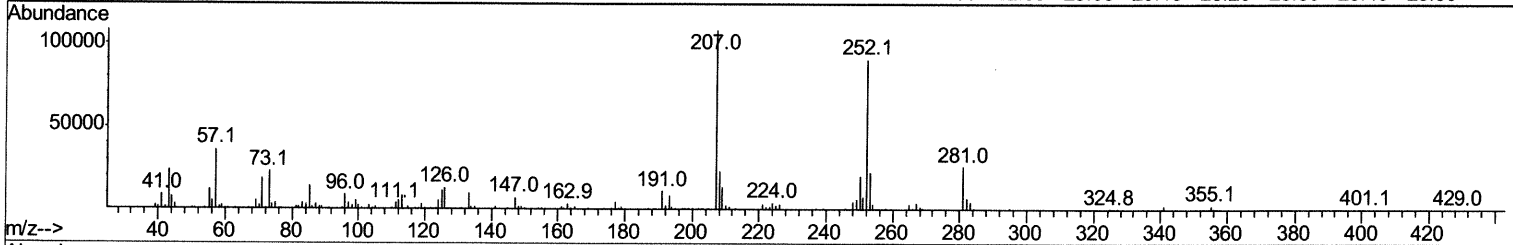
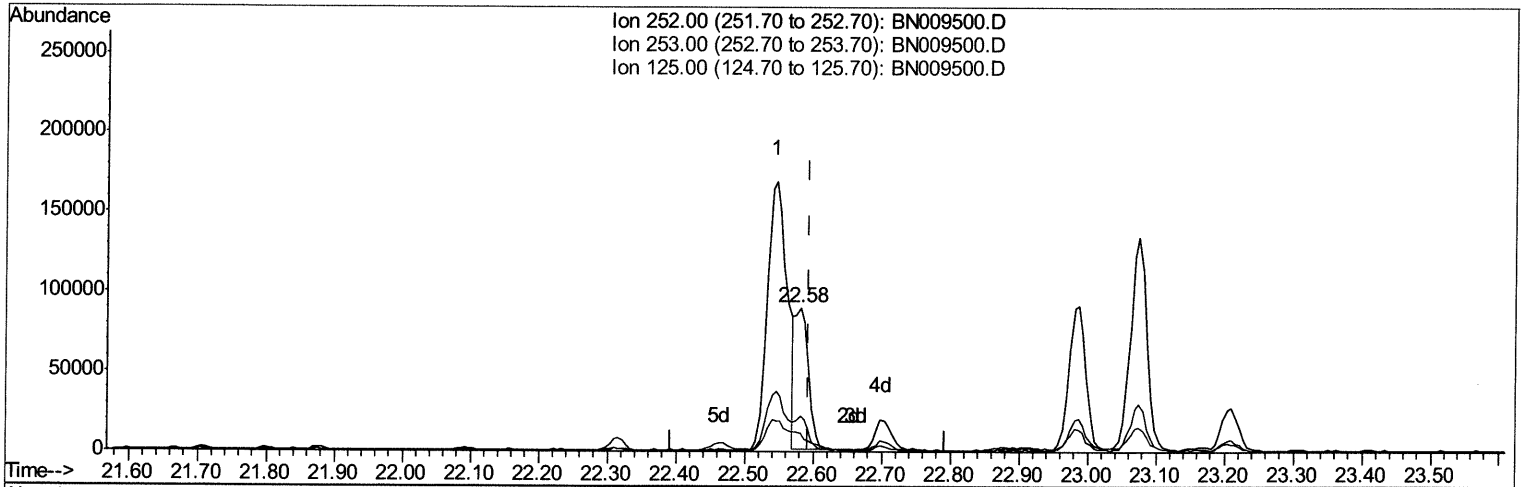
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\  
 Data File : BN009500.D  
 Acq On : 31 Jan 2020 07:01  
 Operator : CG/JU  
 Sample : L1300-20  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C5AT0

Manual Integrations  
 APPROVED

mohammad  
 2/3/2020 4:08:22 PM

Quant Time: Jan 31 08:13:56 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 31 00:47:12 2020  
 Response via : Initial Calibration



TIC: BN009500.D

(88) Benzo(k)fluoranthene

22.580min (-0.012) 2.16ng/ul m *JU 02/03/20*

response 119974

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.20 | 24.54  |
| 125.00 | 9.80  | 12.71# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN013020\  
 Data File : BN009500.D  
 Acq On : 31 Jan 2020 07:01  
 Operator : CG/JU  
 Sample : L1300-20  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C5AT0

Manual Integrations  
 APPROVED

mohammad  
 2/3/2020 4:08:22 PM

Quant Time: Jan 31 08:15:15 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 31 00:47:12 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.45  | 152  | 169202   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.20 | 136  | 718957   | 20.00 | ng/ul | -0.01    |
| 35) Acenaphthene-d10      | 14.09 | 164  | 455019   | 20.00 | ng/ul | -0.01    |
| 61) Phenanthrene-d10      | 16.84 | 188  | 946047   | 20.00 | ng/ul | -0.01    |
| 77) Chrysene-d12          | 21.05 | 240  | 834199   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.16 | 264  | 894464   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.09  | 96  | 8237   | 2.01  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.65  | 99  | 154105 | 10.27 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.81  | 67  | 115708 | 10.86 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.00  | 132 | 123630 | 11.29 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.16  | 113 | 107173 | 8.97  | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.59  | 128 | 61262  | 11.71 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 9.31  | 143 | 66037  | 12.04 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.84  | 165 | 117449 | 10.80 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.35 | 131 | 131409 | 10.01 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.51 | 166 | 411079 | 12.21 | ng/ul | -0.01 |
| 46) Acenaphthylene-d8          | 13.77 | 160 | 473379 | 11.84 | ng/ul | -0.01 |
| 51) 4-Nitrophenol-d4           | 14.32 | 143 | 48618  | 7.76  | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.09 | 176 | 359937 | 12.18 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 46376  | 8.10  | ng/ul | 0.00  |
| 70) Anthracene-d10             | 16.94 | 188 | 530670 | 12.12 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.25 | 212 | 611798 | 13.63 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.03 | 264 | 595441 | 13.19 | ng/ul | 0.00  |

## Target Compounds

|                            |       |     |         |        | Ovalue |    |
|----------------------------|-------|-----|---------|--------|--------|----|
| 6) Phenol                  | 6.68  | 94  | 26165   | 1.665  | ng/ul  | 93 |
| 44) Dimethylphthalate      | 13.56 | 163 | 98221   | 2.833  | ng/ul# | 96 |
| 69) Phenanthrene           | 16.88 | 178 | 315556  | 5.911  | ng/ul  | 97 |
| 71) Anthracene             | 16.97 | 178 | 58601   | 1.078  | ng/ul  | 95 |
| 76) Fluoranthene           | 18.91 | 202 | 655664  | 10.715 | ng/ul  | 99 |
| 79) Pyrene                 | 19.27 | 202 | 537670  | 8.902  | ng/ul  | 97 |
| 82) Benzo(a)anthracene     | 21.03 | 228 | 274704  | 4.836  | ng/ul  | 98 |
| 84) Chrysene               | 21.09 | 228 | 288769  | 5.218  | ng/ul  | 97 |
| 87) Benzo(b)fluoranthene   | 22.54 | 252 | 345633  | 6.111  | ng/ul  | 97 |
| 88) Benzo(k)fluoranthene   | 22.58 | 252 | 119974m | 2.157  | ng/ul  | 97 |
| 90) Benzo(a)pyrene         | 23.07 | 252 | 224100  | 4.414  | ng/ul  | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.23 | 276 | 140429  | 2.283  | ng/ul# | 94 |
| 93) Benzo(a,h,i)perylene   | 25.84 | 276 | 129511  | 2.531  | ng/ul  | 97 |

JU 02/03/20

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