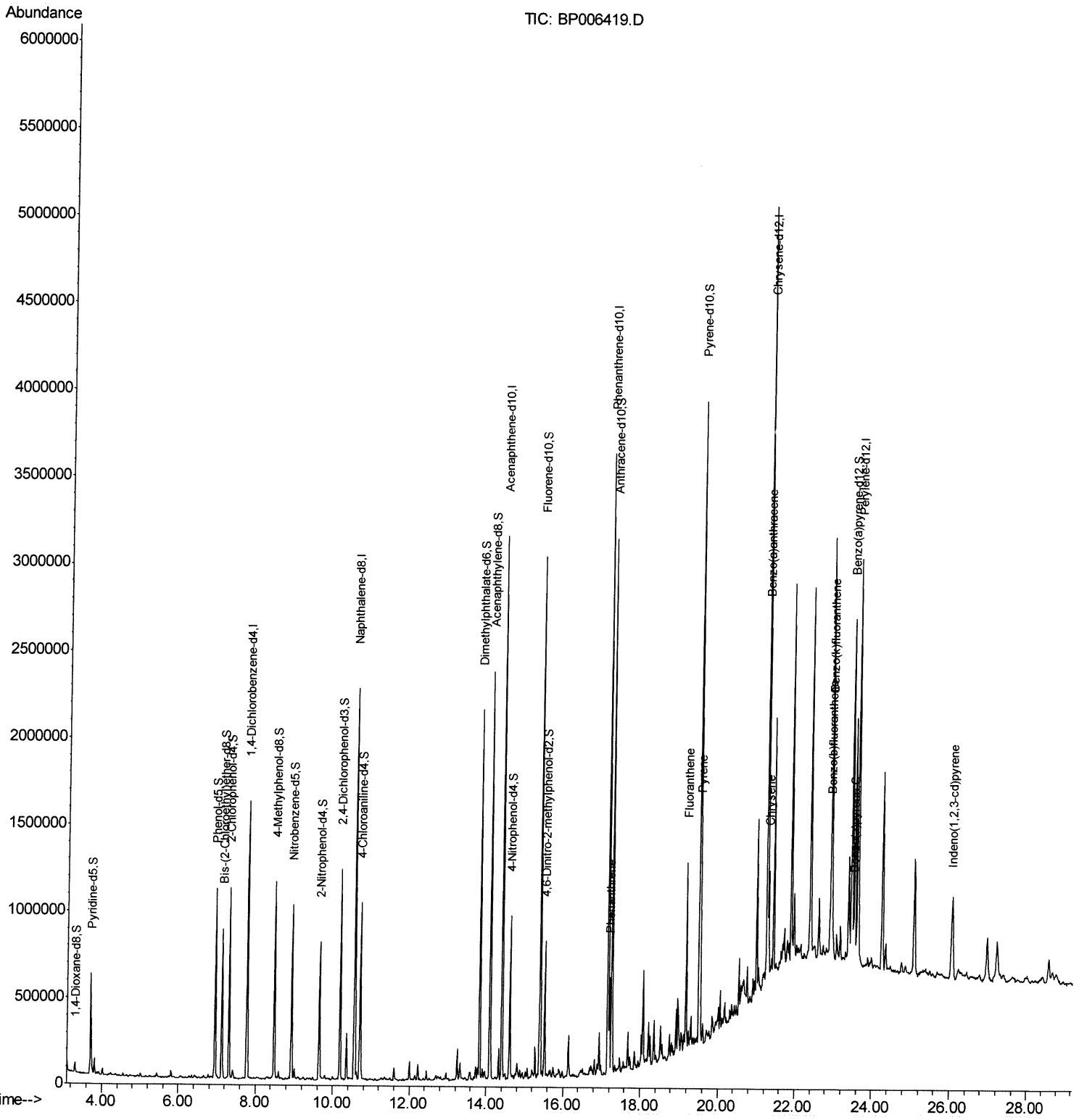
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072921\
Data File : BP006419.D
Acq On : 29 Jul 2021 14:17
Operator : CG/JU
Sample : M3123-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 29 15:04:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 29 14:34:44 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
C0080

**Manual Integrations APPROVED**
mohammad
7/30/2021 4:30:33 PM

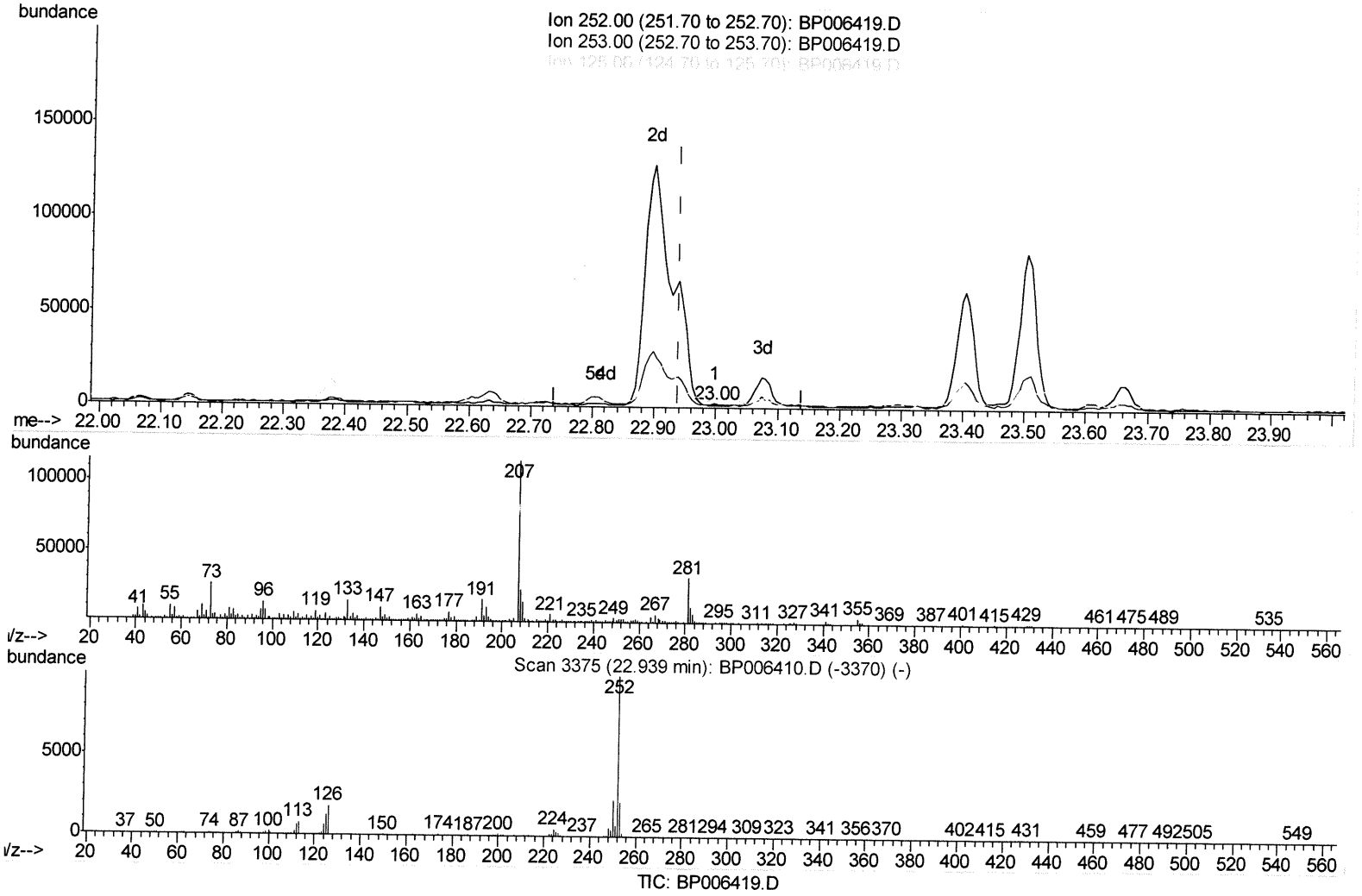


Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072921\
Data File : BP006419.D
Acq On : 29 Jul 2021 14:17
Operator : CG/JU
Sample : M3123-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 29 14:53:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 29 14:34:44 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
C0080

**Manual Integrations APPROVED**
mohammad
7/30/2021 4:30:33 PM




(91) Benzo(k)fluoranthene

22.998min (+0.059) 0.01ng/ul

response 658

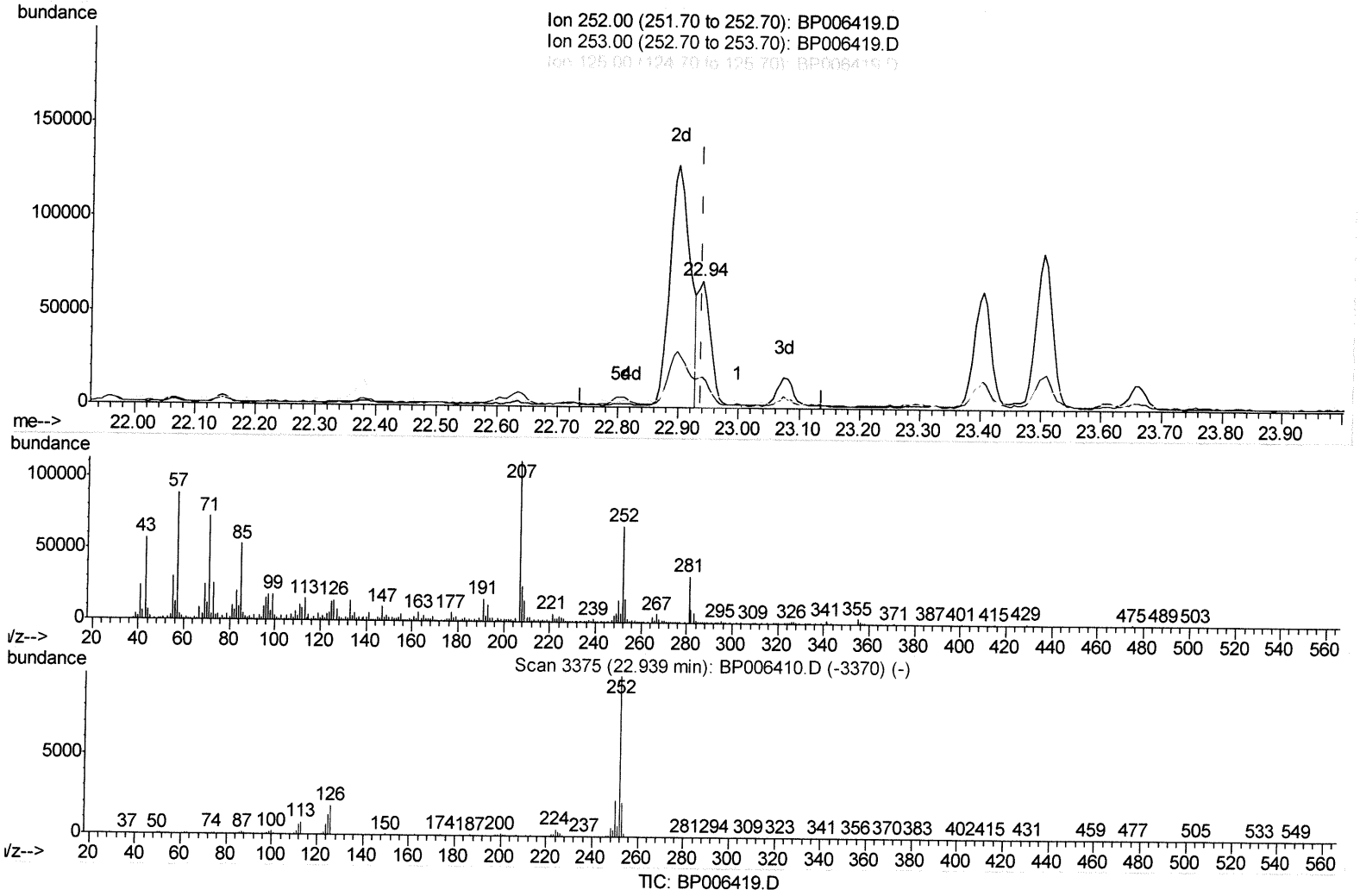
| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.80 | 94.19# |
| 125.00 | 12.80 | 126.44# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072921\
Data File : BP006419.D
Acq On : 29 Jul 2021 14:17
Operator : CG/JU
Sample : M3123-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 29 14:53:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 29 14:34:44 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
C0080

**Manual Integrations APPROVED**
mohammad
7/30/2021 4:30:33 PM




(91) Benzo(k)fluoranthene

22.939min (+0.000) 1.08ng/ul m 08/03/21 JU

response 99373

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.80 | 24.26 |
| 125.00 | 12.80 | 19.59# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072921\
Data File : BP006419.D
Acq On : 29 Jul 2021 14:17
Operator : CG/JU
Sample : M3123-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0080

**Manual Integrations APPROVED**
mohammad
7/30/2021 4:30:33 PM

Quant Time: Jul 29 15:04:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 29 14:34:44 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.78 | 152 | 411673 | 20.00 ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.56 | 136 | 1731236 | 20.00 ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.41 | 164 | 982427 | 20.00 ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.16 | 188 | 1921892 | 20.00 ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.26 | 240 | 1737285 | 20.00 ng/ul | 0.00 |
| 88) Perylene-d12 | 23.61 | 264 | 1526644 | 20.00 ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 33464 | 3.03 ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.70 | 84 | 389125 | 11.89 ng/ul | 0.00 |
| 7) Phenol-d5 | 6.95 | 99 | 598498 | 15.48 ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.12 | 67 | 386467 | 16.06 ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.31 | 132 | 470247 | 16.37 ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.49 | 113 | 428941 | 14.11 ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.93 | 128 | 229170 | 17.78 ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.65 | 143 | 236686 | 19.23 ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.19 | 165 | 394743 | 16.37 ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.70 | 131 | 527879 | 13.29 ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.83 | 166 | 1251223 | 17.89 ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.10 | 160 | 1567160 | 18.24 ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.61 | 143 | 195514 | 14.08 ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.40 | 176 | 1047622 | 17.82 ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 136300 | 12.72 ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.26 | 188 | 1530623 | 17.64 ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.50 | 212 | 1722488 | 19.28 ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.46 | 264 | 1351605 | 17.42 ng/ul | 0.00 |
| **Target Compounds** | | | | | Qvalue |
| 72) Phenanthrene | 17.20 | 178 | 296741 | 2.875 ng/ul | 99 |
| 80) Fluoranthene | 19.18 | 202 | 518637 | 4.710 ng/ul | 97 |
| 82) Pyrene | 19.53 | 202 | 488963 | 4.280 ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.25 | 228 | 244652 | 2.273 ng/ul | 96 |
| 87) Chrysene | 21.30 | 228 | 293484 | 2.844 ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 22.90 | 252 | 297717 | 3.070 ng/ul | 96 |
| 91) Benzo(k)fluoranthene | 22.94 | 252 | 99373m> | 1.080 ng/ul> | 08/03/21 JU |
| 93) Benzo(a)pyrene | 23.50 | 252 | 154370 | 1.821 ng/ul# | 96 |
| 94) Indeno(1,2,3-cd)pyrene | 26.03 | 276 | 108875 | 1.003 ng/ul | 94 |

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