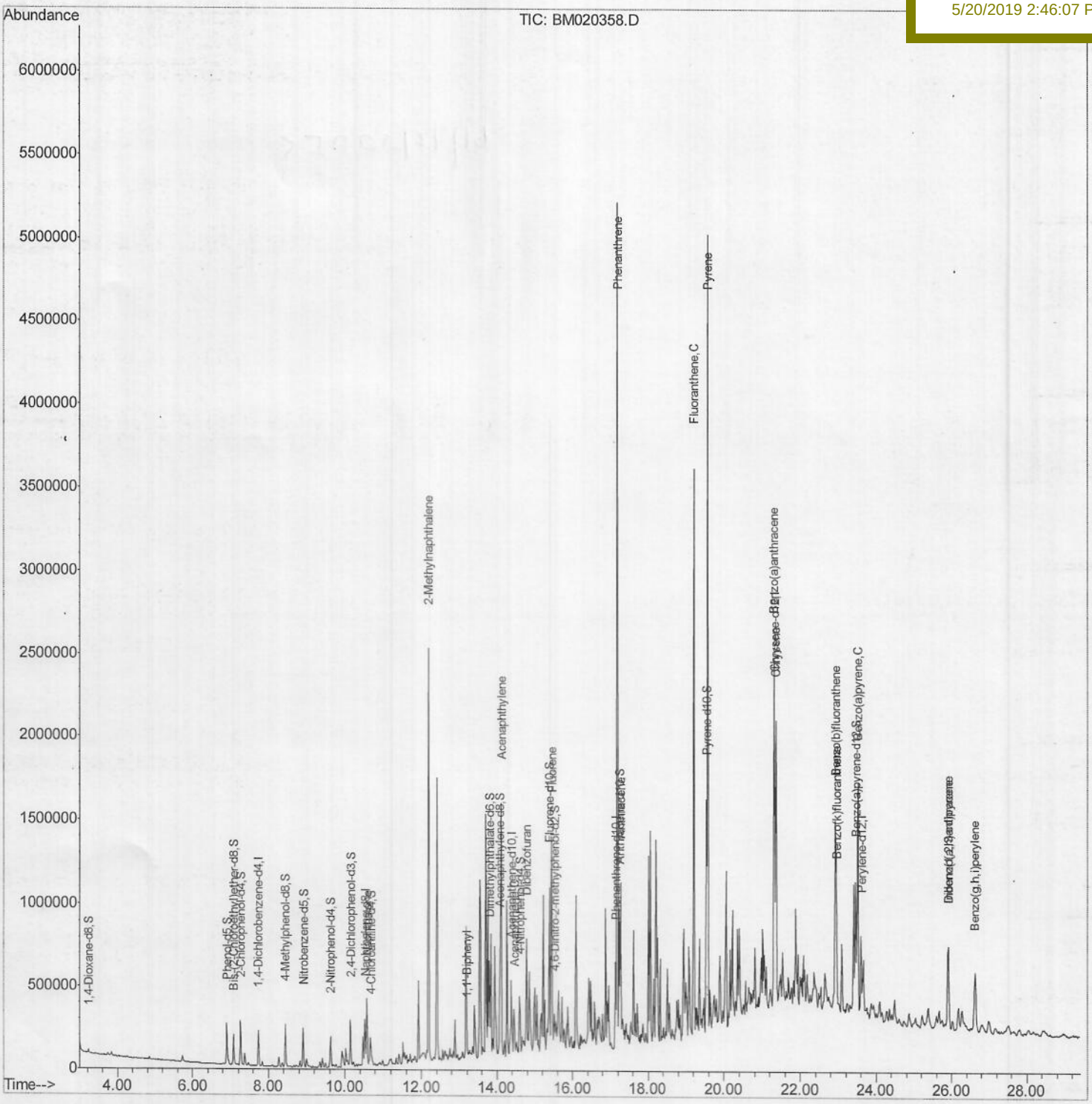
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020358.D
Acq On : 17 May 2019 10:57
Operator : JU/SJ
Sample : K2604-04ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 20 07:41:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
GAJ78ME

**Manual Integrations APPROVED**
mohammad
5/20/2019 2:46:07 PM



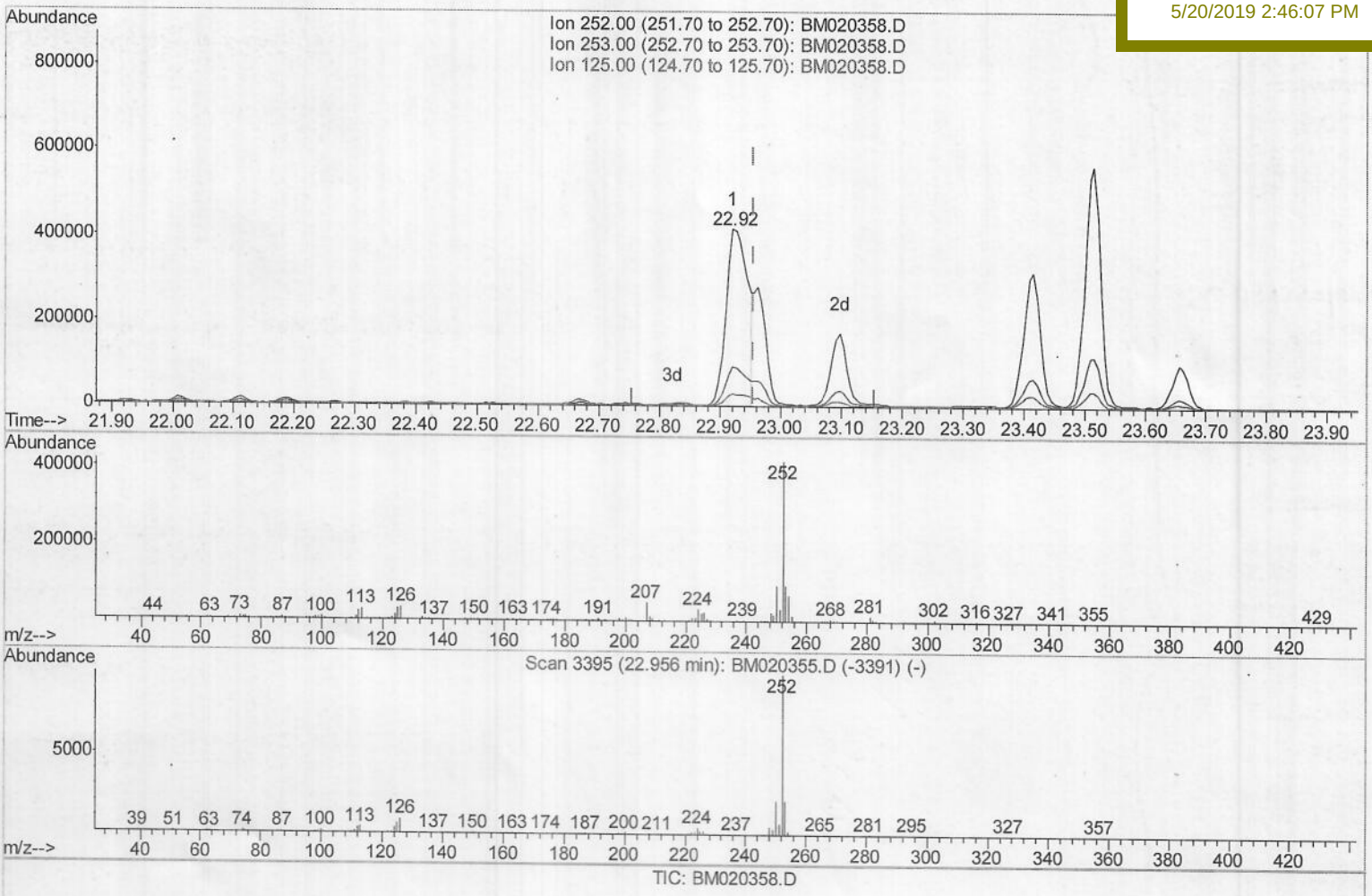
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020358.D
Acq On : 17 May 2019 10:57
Operator : JU/SJ
Sample : K2604-04ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 02:54:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
GAJ78ME

**Manual Integrations APPROVED**
mohammad
5/20/2019 2:46:07 PM










TIC: BM020358.D

(88) Benzo(k)fluoranthene

22.921min (-0.035) 49.24ng/ul

response 1011173

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.00 | 22.72 |
| 125.00 | 6.30 | 7.46 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
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Acq On : 17 May 2019 10:57
Operator : JU/SJ
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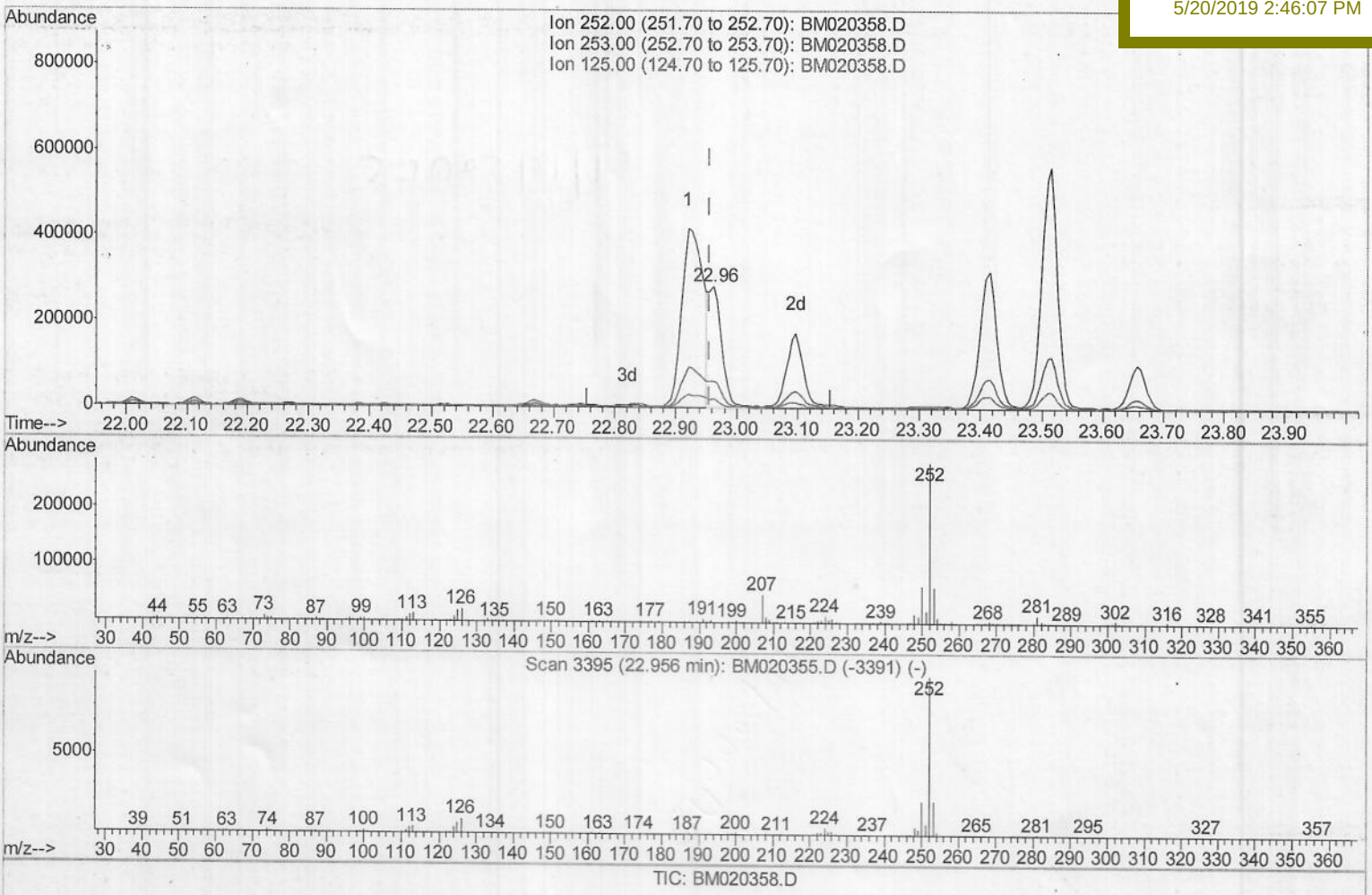
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
GAJ78ME

**Manual Integrations APPROVED**
mohammad
5/20/2019 2:46:07 PM










(88) Benzo(k)fluoranthene

22.962min (+0.006) 20.19ng/ul m JU 05/21/19

response 414543

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.00 | 21.79 |
| 125.00 | 6.30 | 6.93 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020358.D
Acq On : 17 May 2019 10:57
Operator : JU/SJ
Sample : K2604-04ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 20 07:41:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** GAJ78ME

**Manual Integrations APPROVED**
mohammad
5/20/2019 2:46:07 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 60126 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.53 | 136 | 216747 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.39 | 164 | 128789 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.14 | 188 | 296887 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.33 | 240 | 316083 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.61 | 264 | 366318 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 10340 | 6.35 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.90 | 99 | 140497 | 29.29 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 94040 | 30.84 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.26 | 132 | 113013 | 32.13 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.44 | 113 | 98127 | 28.09 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.90 | 128 | 50243 | 35.63 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.62 | 143 | 53082 | 34.13 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.15 | 165 | 105802 | 32.17 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.67 | 131 | 89285 | 26.28 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.80 | 166 | 331061 | 35.73 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.08 | 160 | 404111 | 34.86 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.60 | 143 | 25937 | 19.28 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.38 | 176 | 289584 | 35.14 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 33954 | 20.08 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.24 | 188 | 445965 | 35.02 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.54 | 212 | 525216 | 34.50 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.46 | 264 | 565178 | 33.95 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.57 | 128 | 292814 | 29.404 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.20 | 142 | 1127306 | 156.348 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.22 | 154 | 19751 | 2.142 | ng/ul# | 93 |
| 47) Acenaphthylene | 14.11 | 152 | 844738 | 77.287 | ng/ul | 98 |
| 49) Acenaphthene | 14.45 | 153 | 101199 | 13.468 | ng/ul | 96 |
| 53) Dibenzofuran | 14.79 | 168 | 197511 | 17.358 | ng/ul | 96 |
| 58) Fluorene | 15.44 | 166 | 572726 | 62.831 | ng/ul | 99 |
| 69) Phenanthrene | 17.19 | 178 | 2973194 | 210.180 | ng/ul | 100 |
| 71) Anthracene | 17.27 | 178 | 623260 | 43.314 | ng/ul | 100 |
| 76) Fluoranthene | 19.20 | 202 | 1950381 | 109.148 | ng/ul | 100 |
| 79) Pyrene | 19.57 | 202 | 2914932 | 153.644 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.31 | 228 | 1094182 | 57.515 | ng/ul | 95 |
| 84) Chrysene | 21.37 | 228 | 1008345 | 55.462 | ng/ul | 96 |
| 87) Benzo(b)fluoranthene | 22.92 | 252 | 1011173 | 48.366 | ng/ul# | 97 |
| 88) Benzo(k)fluoranthene | 22.96 | 252 | 414543m | 20.187 | ng/ul | |
| 90) Benzo(a)pyrene | 23.51 | 252 | 1004669 | 51.063 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 25.91 | 276 | 531436 | 23.705 | ng/ul | 97 |
| 92) Dibenzo(a,h)anthracene | 25.91 | 278 | 150166 | 7.833 | ng/ul# | 96 |
| 93) Benzo(g,h,i)perylene | 26.62 | 276 | 470290 | 25.342 | ng/ul | 96 |

JJU 05/21/19

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