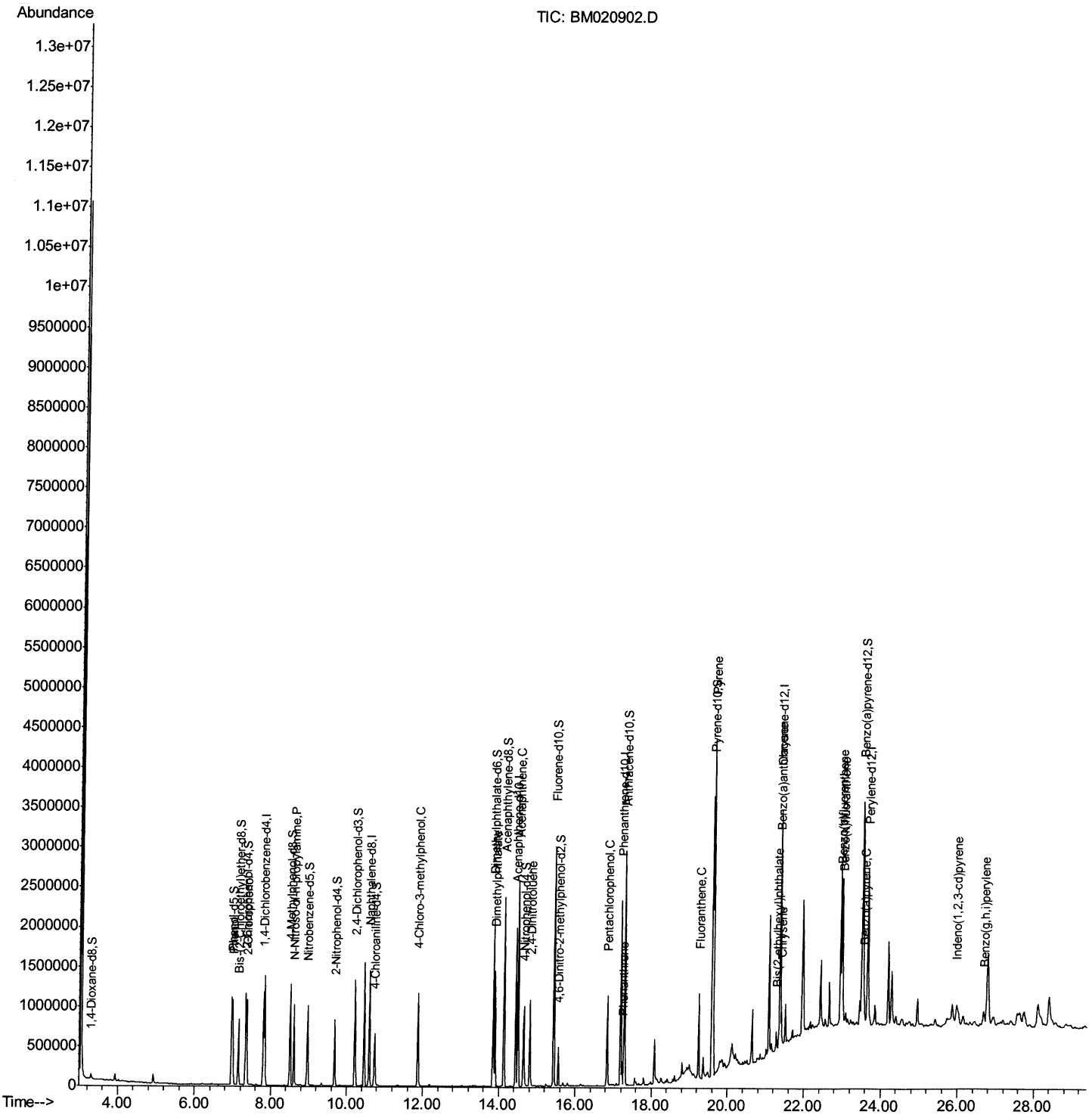
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061219\
Data File : BM020902.D
Acq On : 12 Jun 2019 14:13
Operator : HP/JU
Sample : K3083-17MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 12 16:27:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
A51G0MSD

**Manual Integrations APPROVED**
mohammad
6/13/2019 9:46:06 AM



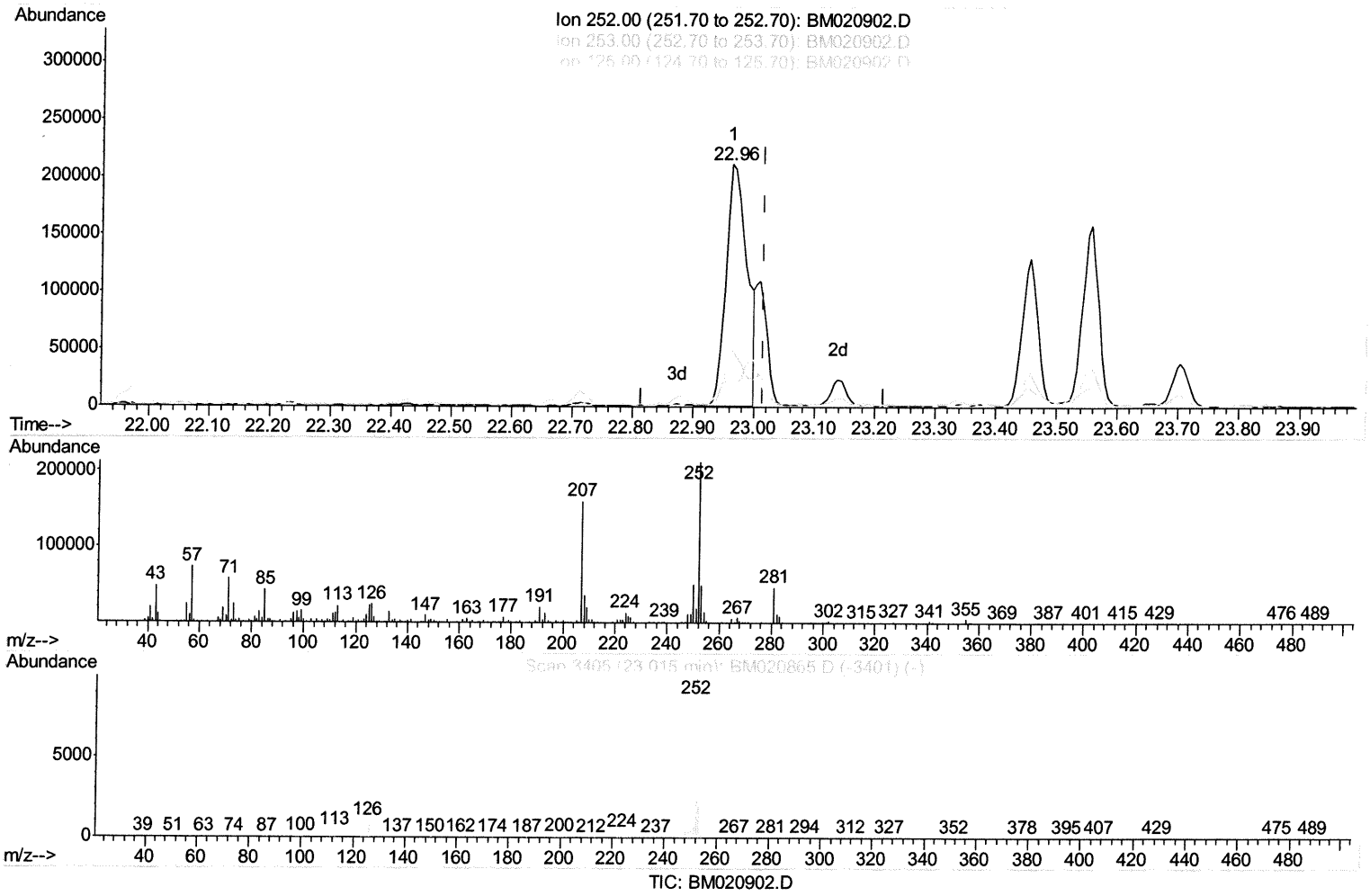
# Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061219\
Data File : BM020902.D
Acq On : 12 Jun 2019 14:13
Operator : HP/JU
Sample : K3083-17MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 12 16:25:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
A51G0MSD

**Manual Integrations APPROVED**
mohammad
6/13/2019 9:46:06 AM




(88) Benzo(k)fluoranthene

22.962min (-0.053) 6.14ng/ul

response 498374

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.00 | 23.52 |
| 125.00 | 9.10 | 10.85 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061219\
Data File : BM020902.D
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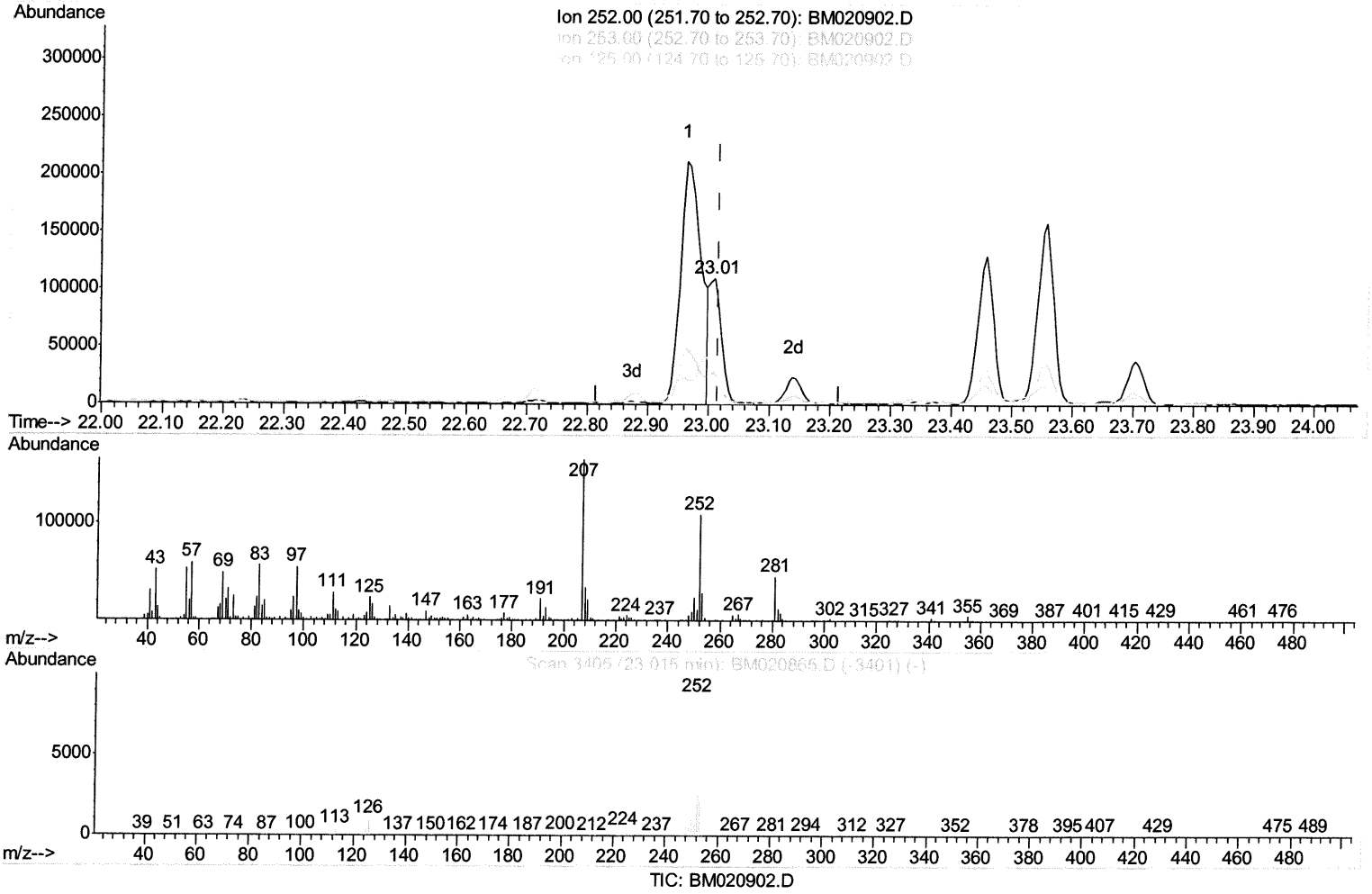
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
A51G0MSD

**Manual Integrations APPROVED**
mohammad
6/13/2019 9:46:06 AM



TIC: BM020902.D

(88) Benzo(k)fluoranthene

23.009min (-0.006) 1.85ng/ul m JU 06/13/19

response 150345

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.00 | 26.05 |
| 125.00 | 9.10 | 21.85# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061219\
Data File : BM020902.D
Acq On : 12 Jun 2019 14:13
Operator : HP/JU
Sample : K3083-17MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 12 16:27:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** A51G0MSD

**Manual Integrations APPROVED**
mohammad
6/13/2019 9:46:06 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 321626 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.59 | 136 | 1248049 | 20.00 | ng/ul | -0.01 |
| 35) Acenaphthene-d10 | 14.44 | 164 | 661615 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.19 | 188 | 1367953 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.37 | 240 | 1251054 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.66 | 264 | 1460902 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 31922 | 4.73 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.97 | 99 | 604968 | 24.59 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.15 | 67 | 375042 | 25.42 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.33 | 132 | 520310 | 26.55 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.50 | 113 | 475104 | 24.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.96 | 128 | 249298 | 29.27 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 9.68 | 143 | 272275 | 31.05 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.22 | 165 | 500560 | 27.37 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.74 | 131 | 378922 | 17.20 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.86 | 166 | 1443259 | 29.49 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.13 | 160 | 1774410 | 28.59 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.64 | 143 | 165641 | 19.72 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.44 | 176 | 1161069 | 27.92 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 107148 | 15.32 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.29 | 188 | 1628483 | 27.25 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.58 | 212 | 1751230 | 28.96 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.51 | 264 | 1872310 | 28.20 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.00 | 94 | 561669 | 22.172 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.37 | 128 | 462569 | 22.945 | ng/ul | 96 |
| 15) N-Nitroso-di-n-propylamine | 8.61 | 70 | 368484 | 22.879 | ng/ul | 98 |
| 33) 4-Chloro-3-methylphenol | 11.87 | 107 | 417118 | 22.347 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.90 | 163 | 975497 | 19.907 | ng/ul | 99 |
| 49) Acenaphthene | 14.50 | 153 | 1054239 | 25.155 | ng/ul | 98 |
| 52) 4-Nitrophenol | 14.66 | 109 | 123976 | 18.007 | ng/ul | 97 |
| 54) 2,4-Dinitrotoluene | 14.82 | 165 | 324393 | 24.411 | ng/ul | 97 |
| 68) Pentachlorophenol | 16.83 | 266 | 211019 | 22.080 | ng/ul | 98 |
| 69) Phenanthrene | 17.23 | 178 | 184444 | 2.679 | ng/ul | 99 |
| 76) Fluoranthene | 19.24 | 202 | 628099 | 7.961 | ng/ul | 99 |
| 79) Pyrene | 19.61 | 202 | 2540950 | 32.903 | ng/ul | 98 |
| 82) Benzo(a)anthracene | 21.36 | 228 | 221142 | 2.834 | ng/ul | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 78713 | 1.483 | ng/ul | 98 |
| 84) Chrysene | 21.40 | 228 | 307902 | 4.252 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.96 | 252 | 498374 | 5.864 | ng/ul | 96 |
| 88) Benzo(k)fluoranthene | 23.01 | 252 | 150345m> | 1.851 | ng/ul | |
| 90) Benzo(a)pyrene | 23.56 | 252 | 289459 | 3.580 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.96 | 276 | 251875 | 2.638 | ng/ul# | 95 |
| 93) Benzo(g,h,i)perylene | 26.67 | 276 | 238936 | 3.084 | ng/ul | 96 |

JH 06/13/19

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