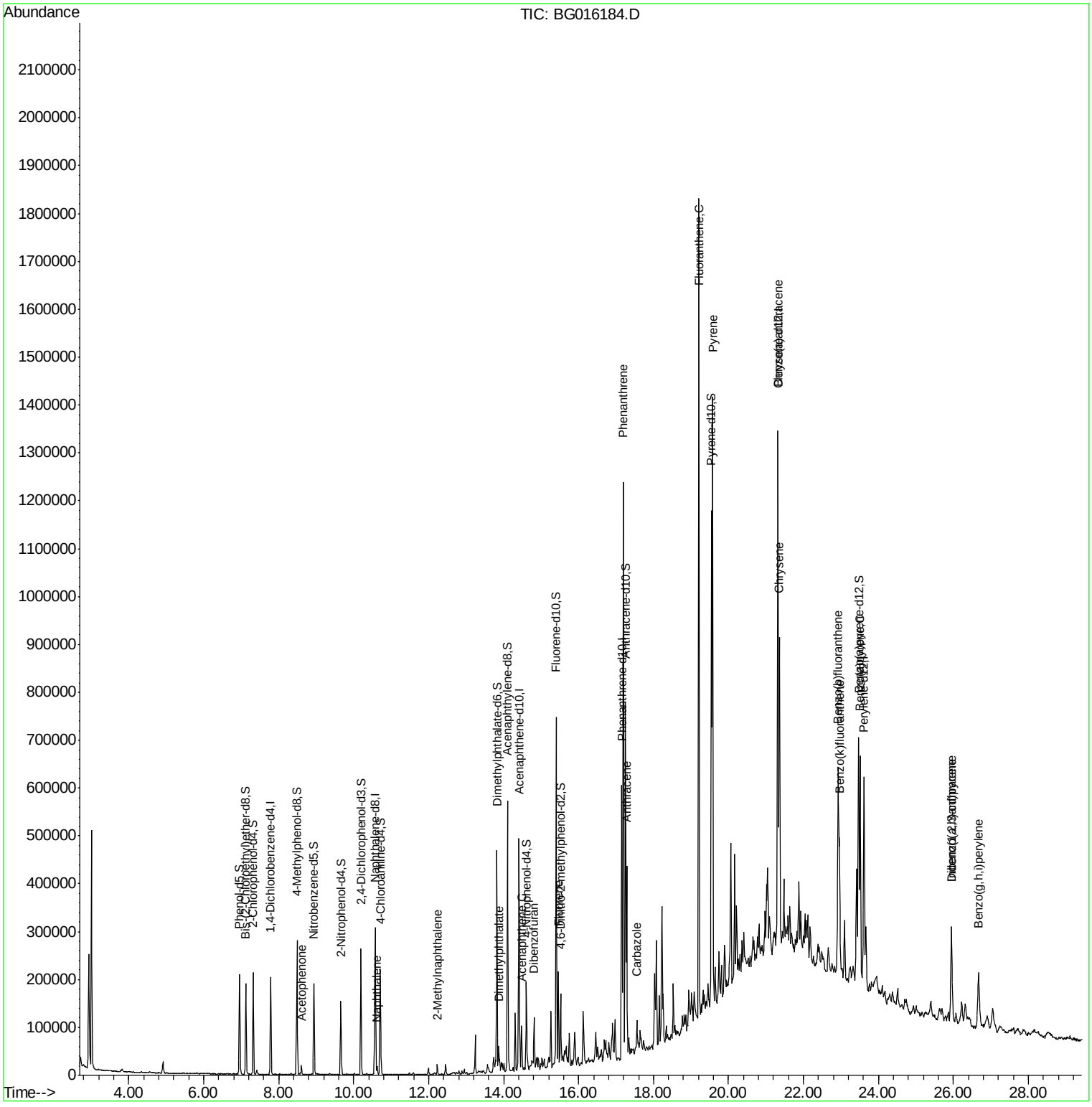
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032715\
Data File : BG016184.D
Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 28 06:22:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 28 05:59:58 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

**Manual Integrations APPROVED**
apatel
3/30/2015 4:29:12 PM



Quantitation Report (Qedit)

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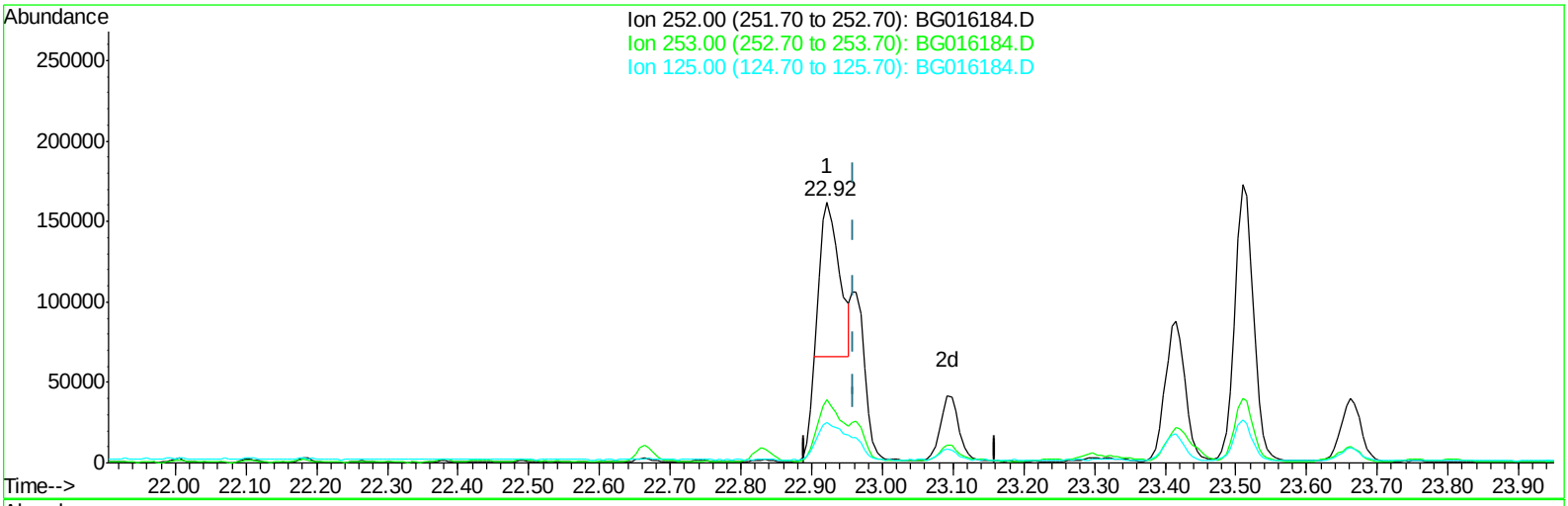


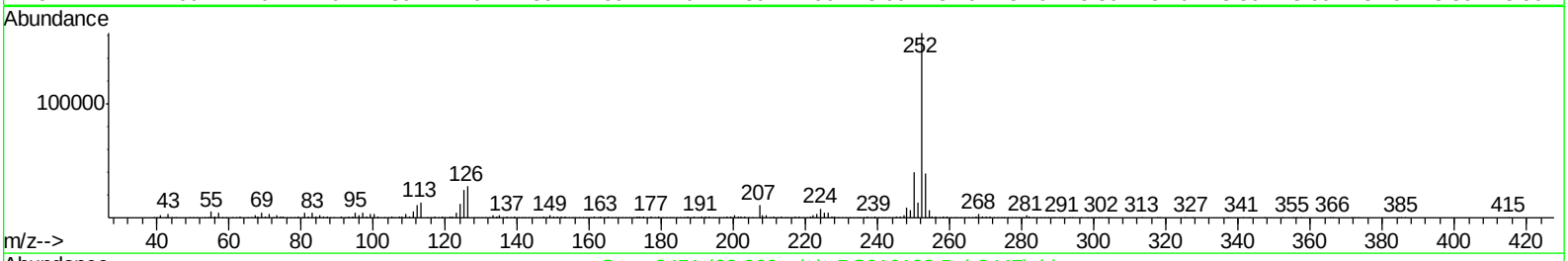


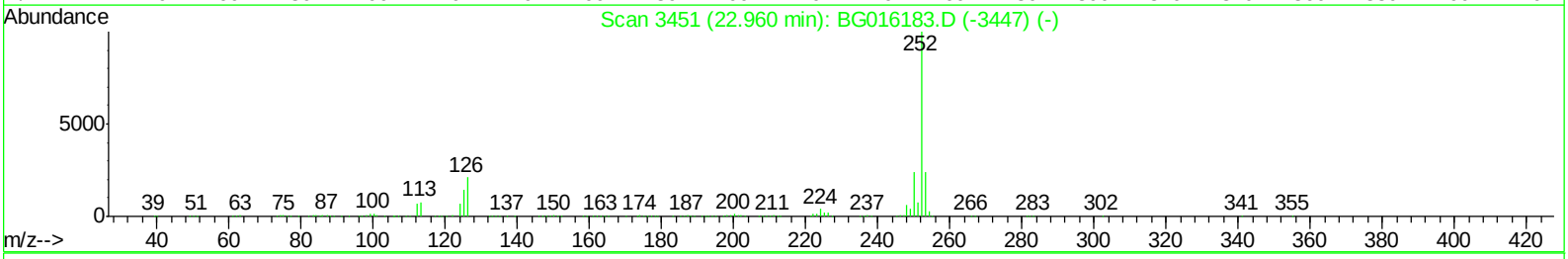


TIC: BG016184.D

(86) Benzo(k)fluoranthene

22.922min (-0.038) 10.03ng/ul

response 178668

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.20 | 24.09 |
| 125.00 | 13.40 | 15.41 |
| 0.00 | 0.00 | 0.00 |

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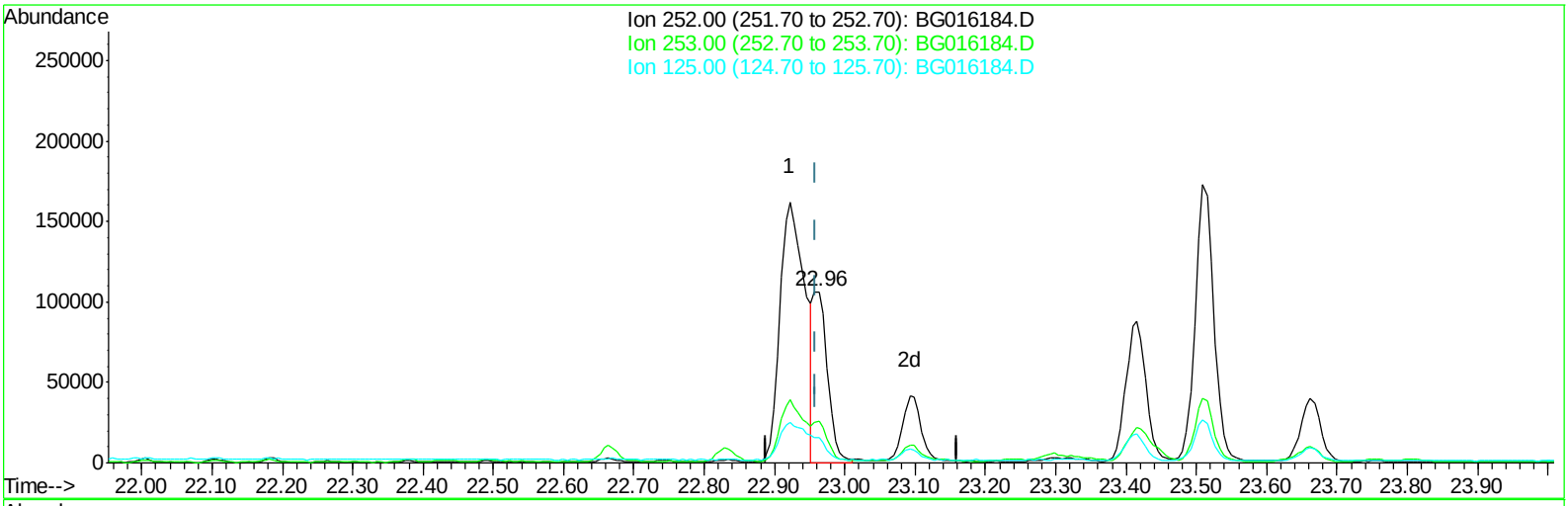
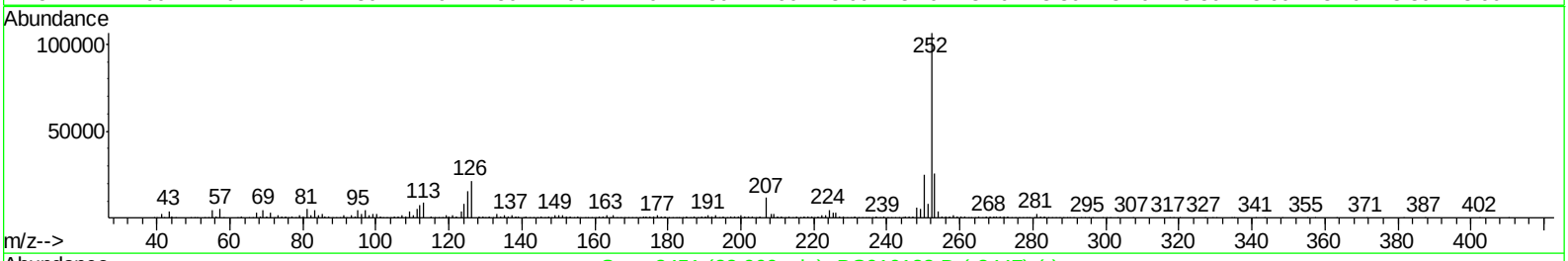
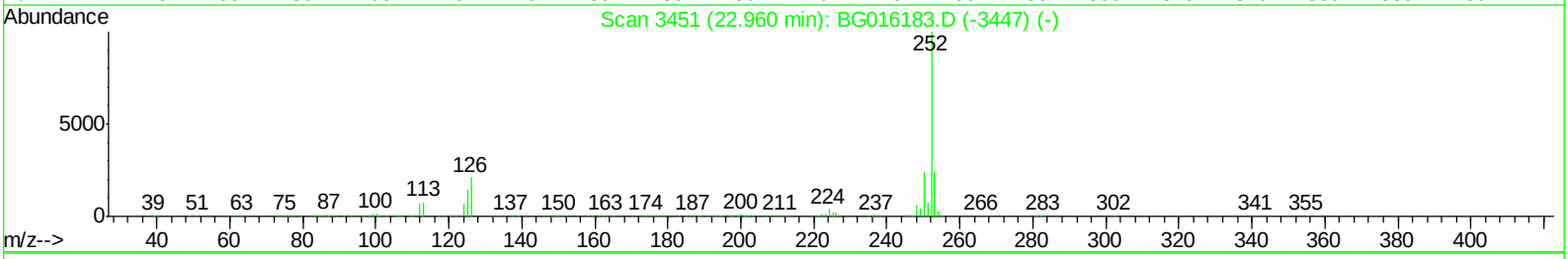
**Manual Integrations APPROVED**
apatel
3/30/2015 4:29:12 PM




TIC: BG016184.D

(86) Benzo(k)fluoranthene

22.963min (+0.003) 8.38ng/ul m

response 149381

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.20 | 24.36 |
| 125.00 | 13.40 | 14.53 |
| 0.00 | 0.00 | 0.00 |

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Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AC9

**Manual Integrations APPROVED**
apatel
3/30/2015 4:29:12 PM

Quant Time: Mar 28 06:22:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 28 05:59:58 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 58443 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.57 | 136 | 267779 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.42 | 164 | 161590 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.15 | 188 | 321819 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.32 | 240 | 312321 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.61 | 264 | 314338 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0 | 0.00 | ng/uL | |
| 5) Phenol-d5 | 6.96 | 99 | 140378 | 26.98 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.13 | 67 | 74061 | 25.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.33 | 132 | 111471 | 27.59 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.49 | 113 | 111036 | 28.13 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.95 | 128 | 60685 | 28.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.66 | 143 | 63755 | 31.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.19 | 165 | 104729 | 27.80 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.71 | 131 | 135240 | 26.03 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.82 | 166 | 301672 | 28.64 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.10 | 160 | 406159 | 27.72 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.61 | 143 | 55567 | 22.08 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.40 | 176 | 279865 | 26.57 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 37845 | 22.50 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.25 | 188 | 389120 | 26.47 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.54 | 212 | 379713 | 27.19 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.47 | 264 | 339442 | 24.76 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 14) Acetophenone | 8.61 | 105 | 10550 | 1.69 | ng/ul | 94 |
| 28) Naphthalene | 10.63 | 128 | 15151 | 1.05 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.24 | 142 | 11226 | 1.10 | ng/ul | 96 |
| 44) Dimethylphthalate | 13.87 | 163 | 25055 | 2.10 | ng/ul | 98 |
| 49) Acenaphthene | 14.48 | 153 | 37034 | 3.36 | ng/ul | 95 |
| 53) Dibenzofuran | 14.81 | 168 | 52535 | 3.53 | ng/ul | 97 |
| 58) Fluorene | 15.46 | 166 | 81302 | 6.26 | ng/ul | 99 |
| 69) Phenanthrene | 17.19 | 178 | 673243 | 36.80 | ng/ul | 98 |
| 71) Anthracene | 17.29 | 178 | 237974 | 12.81 | ng/ul | 99 |
| 72) Carbazole | 17.55 | 167 | 36157 | 2.02 | ng/ul | 97 |
| 74) Fluoranthene | 19.21 | 202 | 894770 | 43.26 | ng/ul | 99 |
| 77) Pyrene | 19.57 | 202 | 723967 | 37.67 | ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.31 | 228 | 395915 | 22.37 | ng/ul | 99 |
| 82) Chrysene | 21.36 | 228 | 333024 | 19.78 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 22.92 | 252 | 401247 | 22.24 | ng/ul | 96 |
| 86) Benzo(k)fluoranthene | 22.96 | 252 | 149381m | 8.38 | ng/ul | |
| 88) Benzo(a)pyrene | 23.51 | 252 | 311961 | 17.35 | ng/ul | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 25.95 | 276 | 170952 | 8.22 | ng/ul | 95 |
| 90) Dibenzo(a,h)anthracene | 25.95 | 278 | 46732 | 2.68 | ng/ul# | 89 |
| 91) Benzo(g,h,i)perylene | 26.67 | 276 | 133178 | 7.62 | ng/ul | 98 |

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