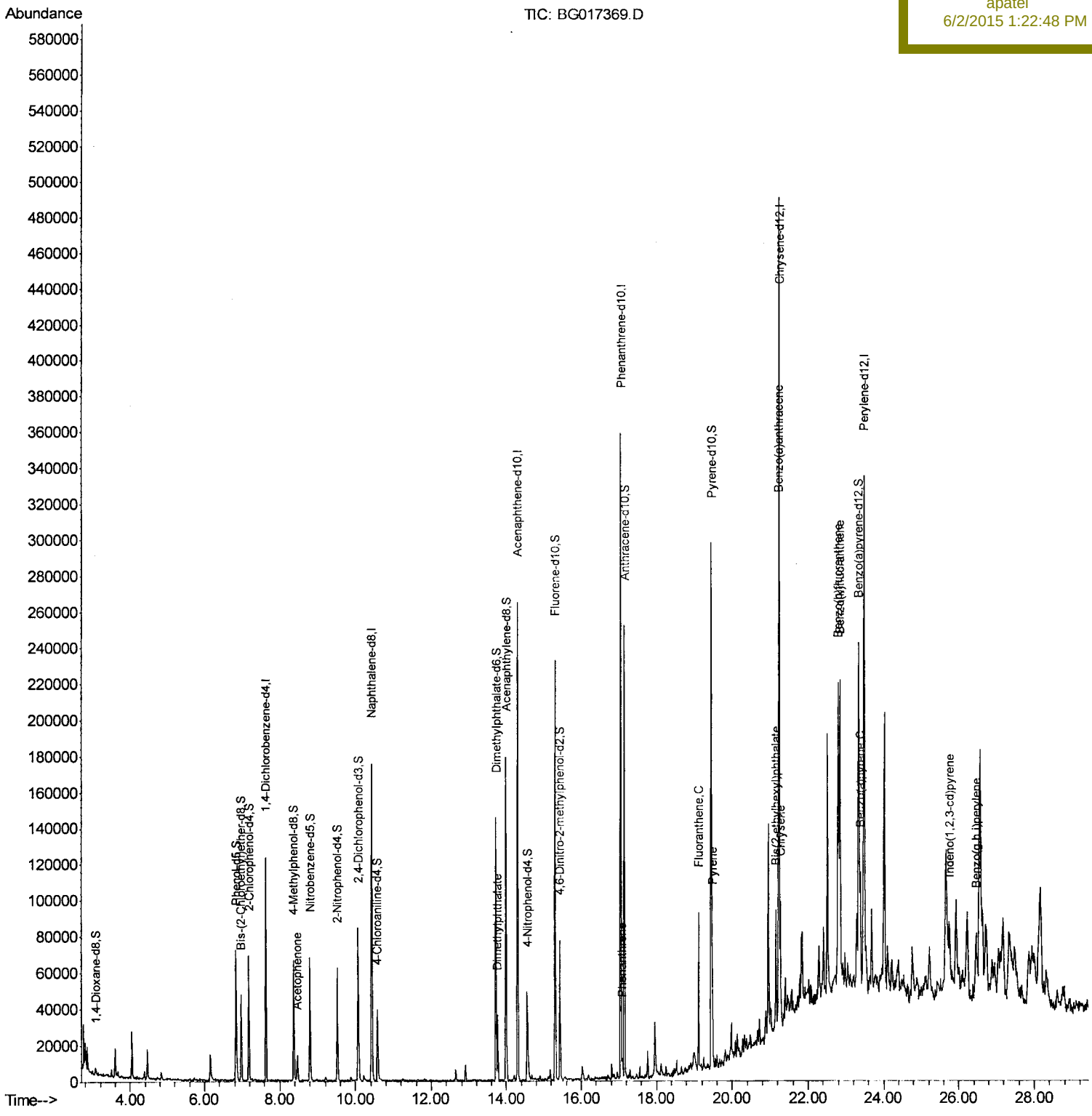
Data Path : Z:\HPCHEM1\BNA_G\Data\BG060115\
Data File : BG017369.D
Acq On : 1 Jun 2015 13:25
Operator : TP/IZ
Sample : G2431-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 02 05:45:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 05:29:39 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BCRF7

**Manual Integrations APPROVED**
apatel
6/2/2015 1:22:48 PM

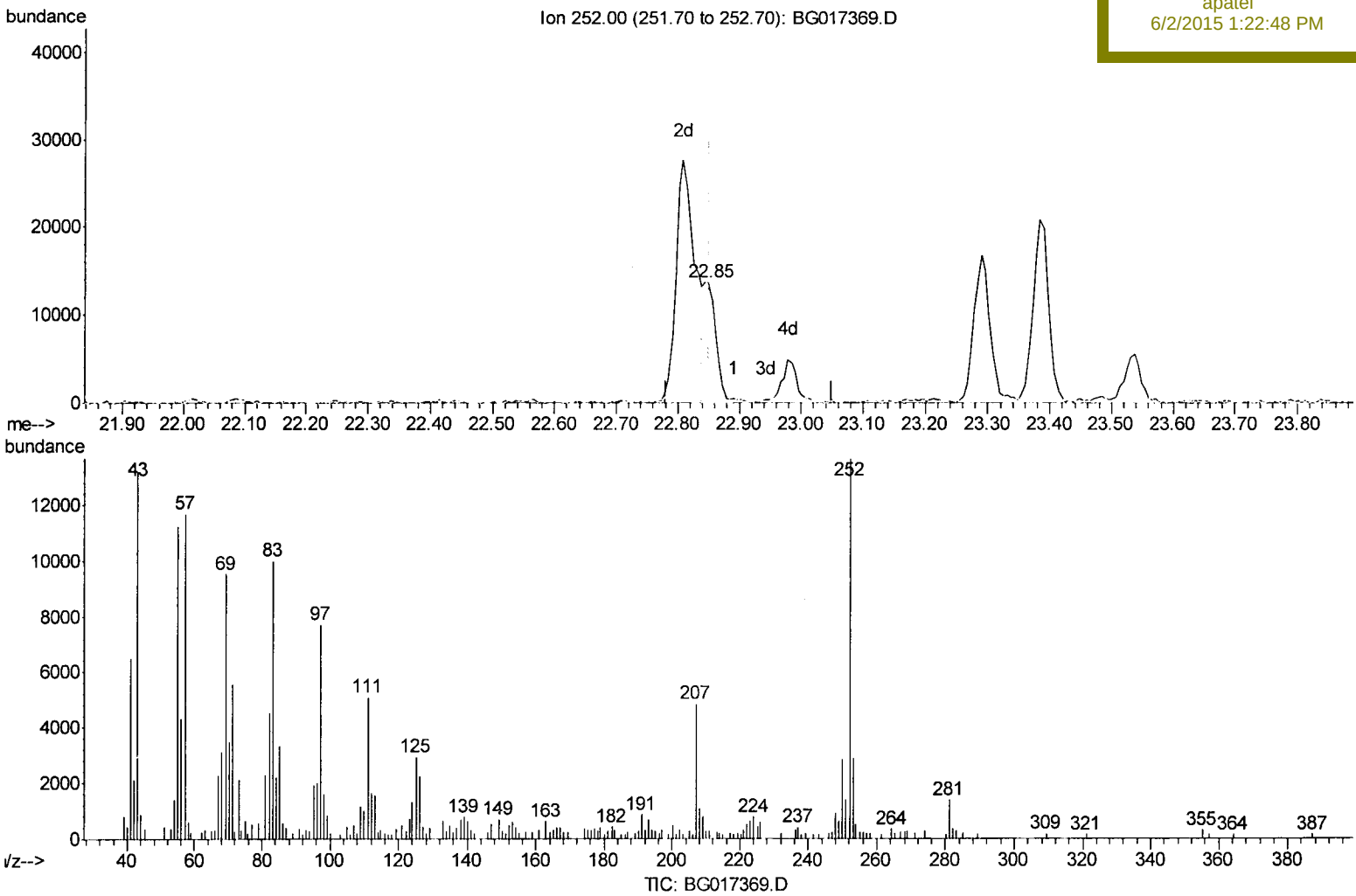


Data Path : Z:\HPCHEM1\BNA_G\Data\BG060115\
Data File : BG017369.D
Acq On : 1 Jun 2015 13:25
Operator : TP/IZ
Sample : G2431-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 02 05:44:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 05:29:39 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BCRF7

**Manual Integrations APPROVED**
apatel
6/2/2015 1:22:48 PM




(86) Benzo(k)fluoranthene

22.849min (-0.002) 1.82ng/ul m

response 19186

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.40 | 21.21 |
| 125.00 | 7.20 | 21.56# |
| 0.00 | 0.00 | 0.00 |

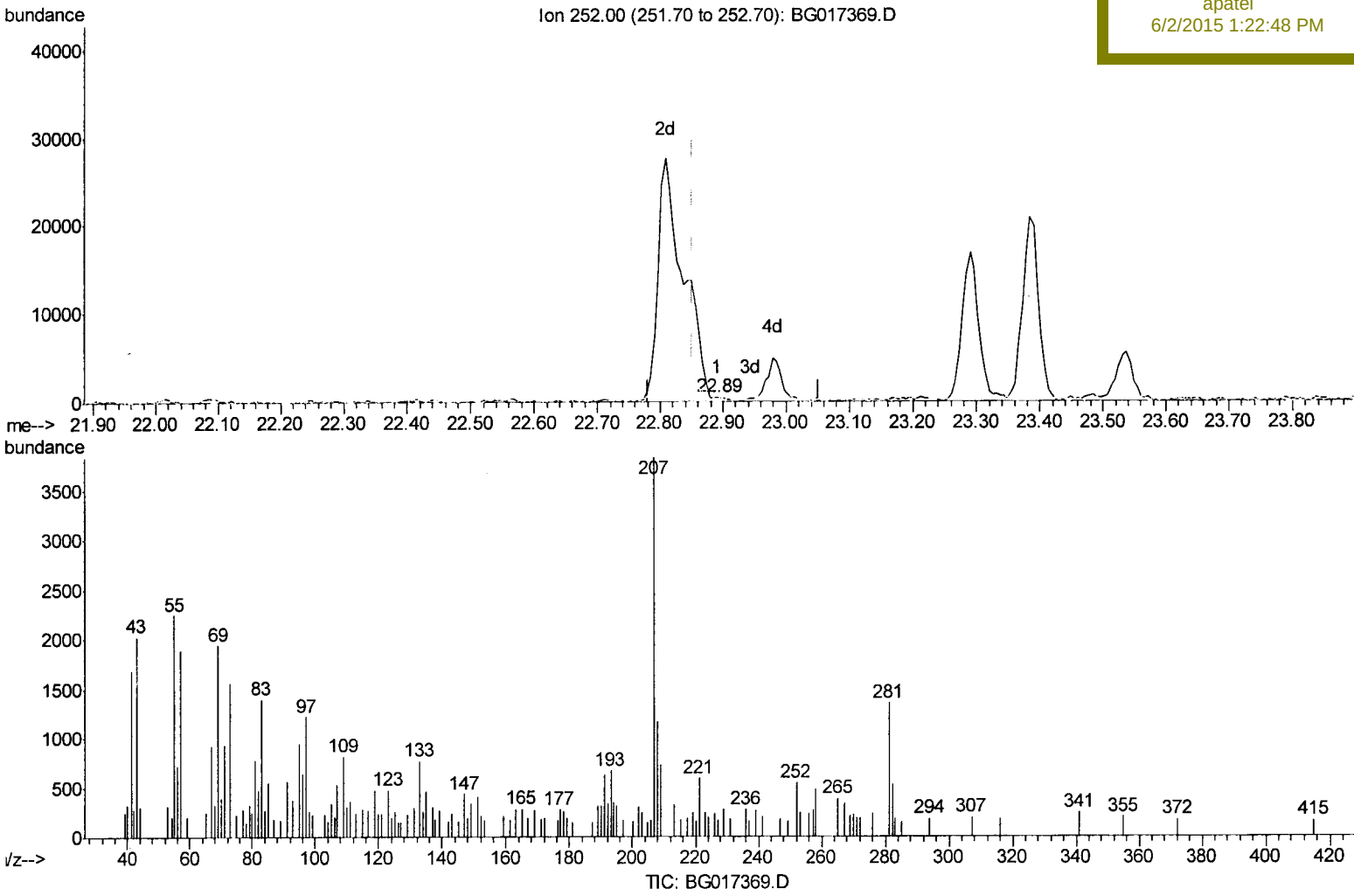
T. P
06/03/2015

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060115\
Data File : BG017369.D
Acq On : 1 Jun 2015 13:25
Operator : TP/IZ
Sample : G2431-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 02 05:44:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 05:29:39 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BCRF7

**Manual Integrations APPROVED**
apatel
6/2/2015 1:22:48 PM




(86) Benzo(k)fluoranthene

22.891min (+0.039) 0.01ng/ul

response 76

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.40 | 44.81# |
| 125.00 | 7.20 | 46.63# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060115\
Data File : BG017369.D
Acq On : 1 Jun 2015 13:25
Operator : TP/IZ
Sample : G2431-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 02 05:45:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 05:29:39 2015
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** BCRF7

**Manual Integrations APPROVED**
apatel
6/2/2015 1:22:48 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 27791 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.43 | 136 | 122816 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.31 | 164 | 85422 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.06 | 188 | 187049 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.25 | 240 | 190998 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.48 | 264 | 186686 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.07 | 96 | 1426 | 2.44 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.84 | 99 | 31157 | 13.30 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.98 | 67 | 19000 | 13.57 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.19 | 132 | 26142 | 13.77 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.38 | 113 | 21616 | 10.77 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.80 | 128 | 13551 | 14.24 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.52 | 143 | 14651 | 12.94 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.08 | 165 | 24968 | 12.54 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.59 | 131 | 19446 | 8.51 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.72 | 166 | 79279 | 13.02 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.00 | 160 | 106904 | 13.55 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.56 | 143 | 11927 | 10.27 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.30 | 176 | 80124 | 13.65 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 14260 | 10.89 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.15 | 188 | 118258 | 13.49 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.45 | 212 | 126551 | 13.68 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.34 | 264 | 115254 | 13.83 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 14) Acetophenone | 8.47 | 105 | 7365 | 2.33 | ng/ul# | 76 |
| 44) Dimethylphthalate | 13.77 | 163 | 19358 | 2.86 | ng/ul | 96 |
| 69) Phenanthrene | 17.09 | 178 | 10325 | 1.04 | ng/ul | 97 |
| 74) Fluoranthene | 19.12 | 202 | 44537 | 3.71 | ng/ul | 99 |
| 77) Pyrene | 19.48 | 202 | 40759 | 3.41 | ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.23 | 228 | 30988 | 2.73 | ng/ul | 94 |
| 81) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 18224 | 2.36 | ng/ul | 96 |
| 82) Chrysene | 21.28 | 228 | 35697 | 3.39 | ng/ul | 95 |
| 85) Benzo(b)fluoranthene | 22.81 | 252 | 58653 | 5.21 | ng/ul# | 91 |
| 86) Benzo(k)fluoranthene | 22.85 | 252 | 19186m | 1.82 | ng/ul | |
| 88) Benzo(a)pyrene | 23.38 | 252 | 35937 | 3.38 | ng/ul | 94 |
| 89) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 31648 | 2.64 | ng/ul# | 90 |
| 91) Benzo(g,h,i)perylene | 26.47 | 276 | 30315 | 3.03 | ng/ul# | 94 |

T.P 06/03/2015

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