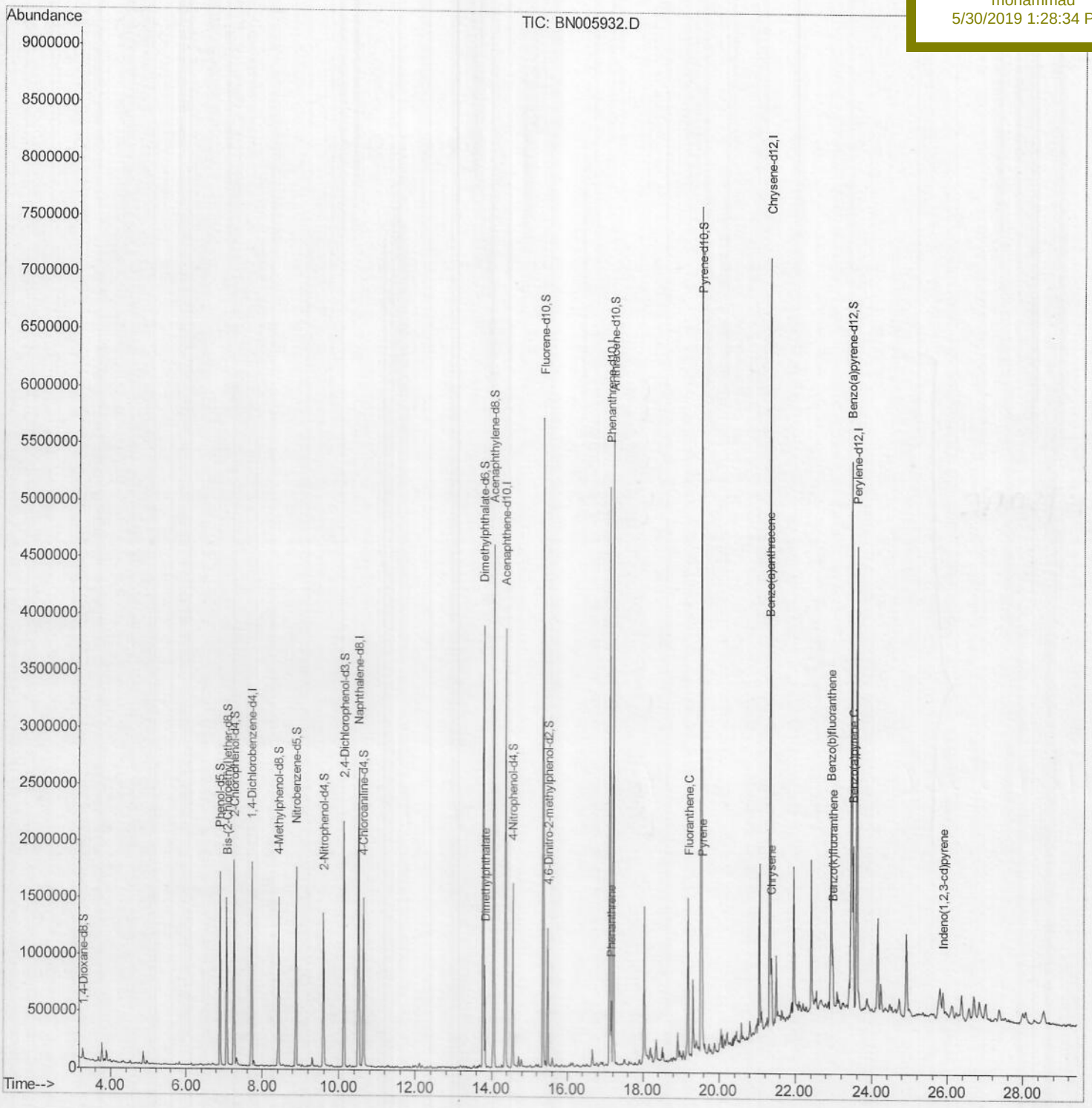
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052919\
Data File : BN005932.D
Acq On : 29 May 2019 16:11
Operator : JU/SJ
Sample : K2924-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 29 16:51:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A4276

**Manual Integrations APPROVED**
mohammad
5/30/2019 1:28:34 PM



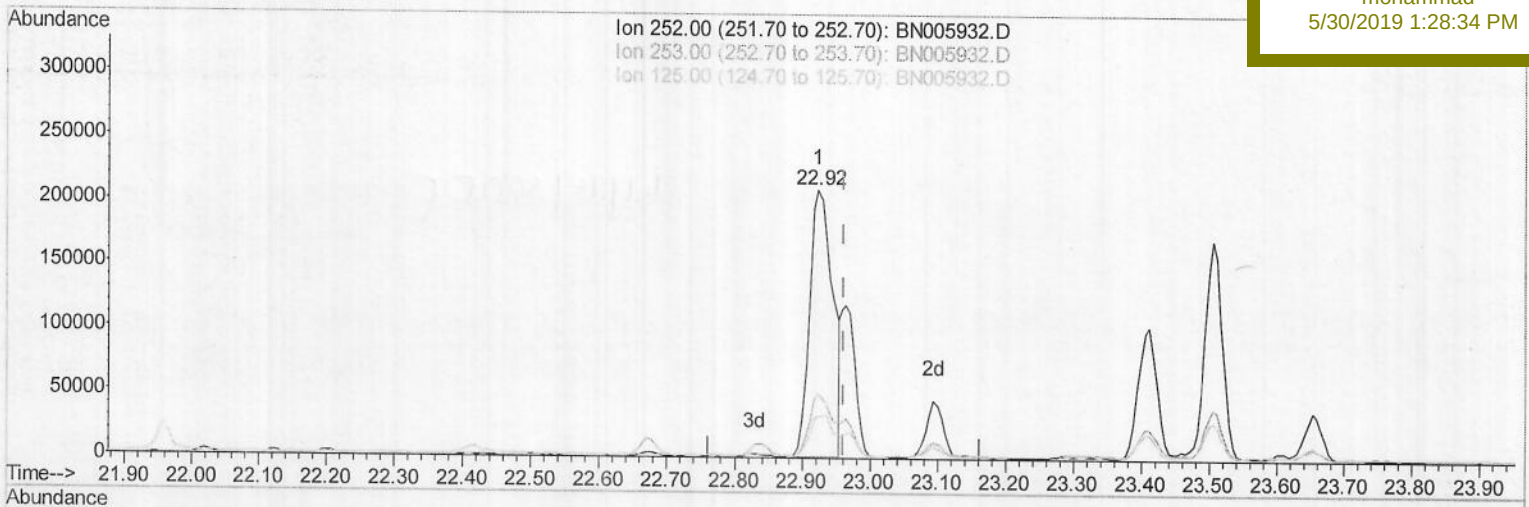
Quantitation Report (Qedit)

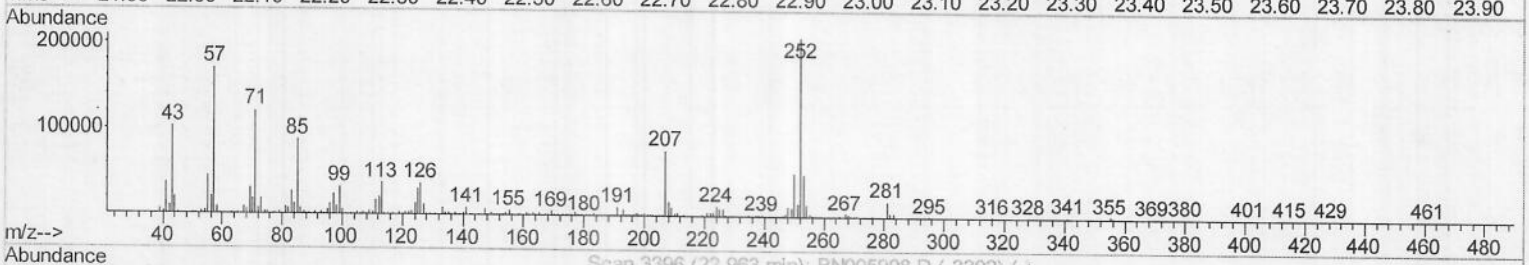
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052919\
Data File : BN005932.D
Acq On : 29 May 2019 16:11
Operator : JU/SJ
Sample : K2924-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

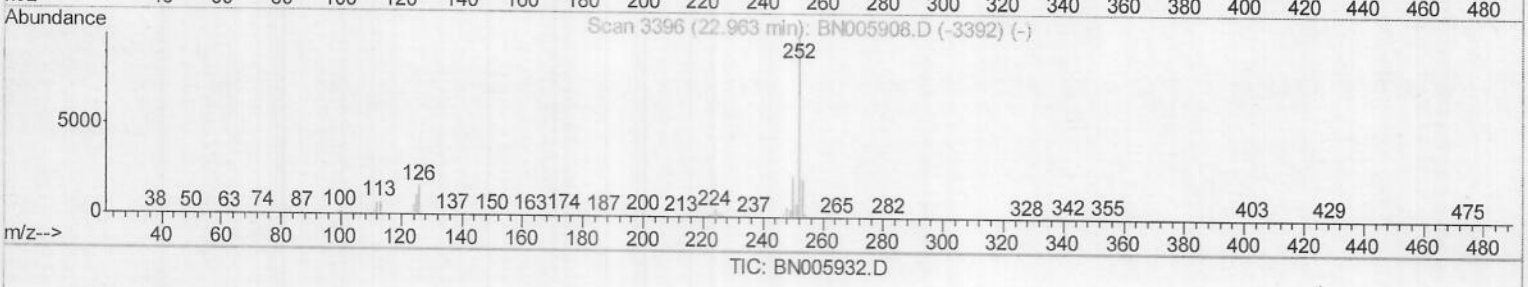
Quant Time: May 29 16:49:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A4276

**Manual Integrations APPROVED**
mohammad
5/30/2019 1:28:34 PM




TIC: BN005932.D

(88) Benzo(k)fluoranthene

22.923min (-0.039) 3.37ng/ul

response 486130

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.70 | 24.03 |
| 125.00 | 9.40 | 15.45# |
| 0.00 | 0.00 | 0.00 |

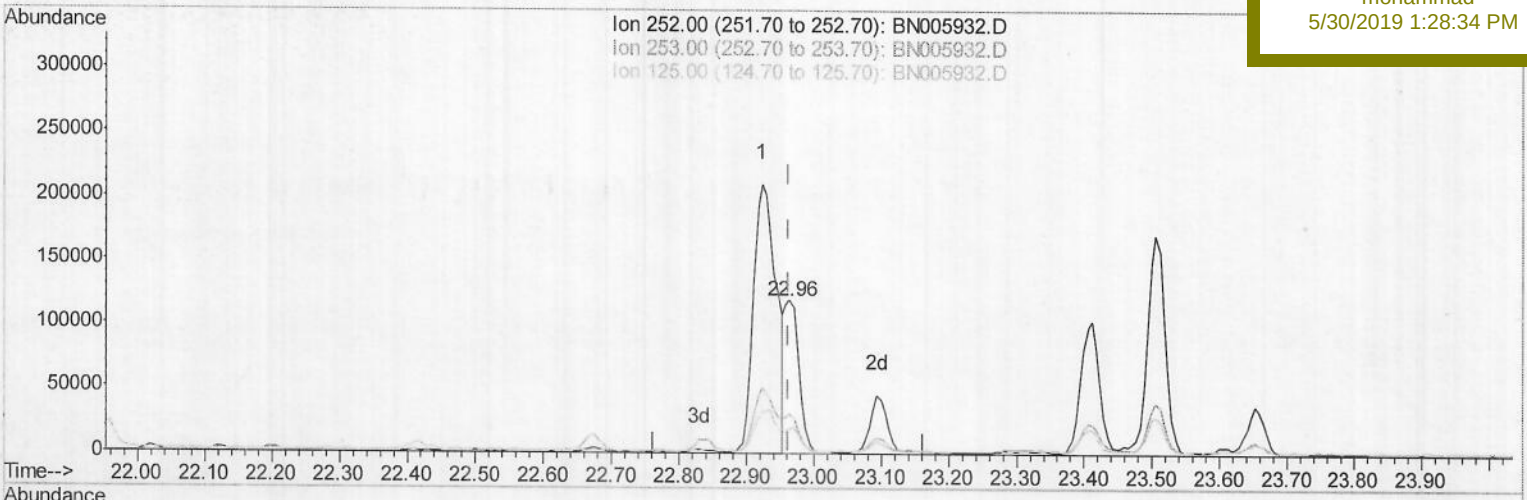
Quantitation Report (Qedit)

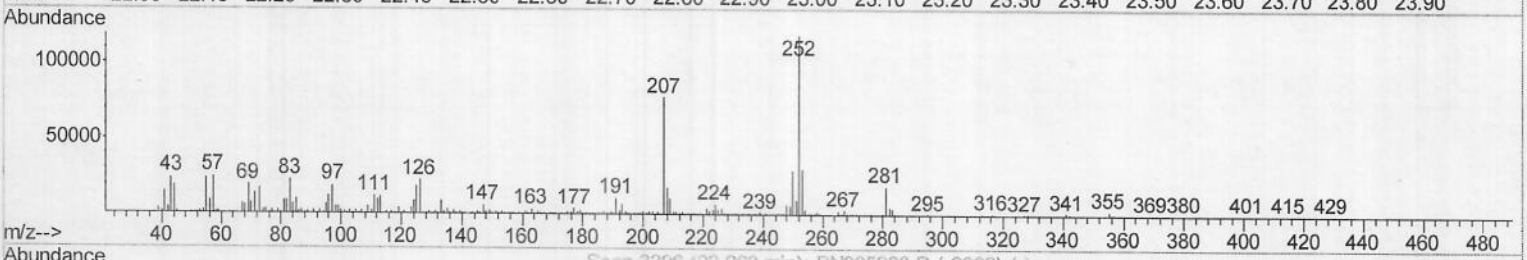
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052919\
Data File : BN005932.D
Acq On : 29 May 2019 16:11
Operator : JU/SJ
Sample : K2924-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

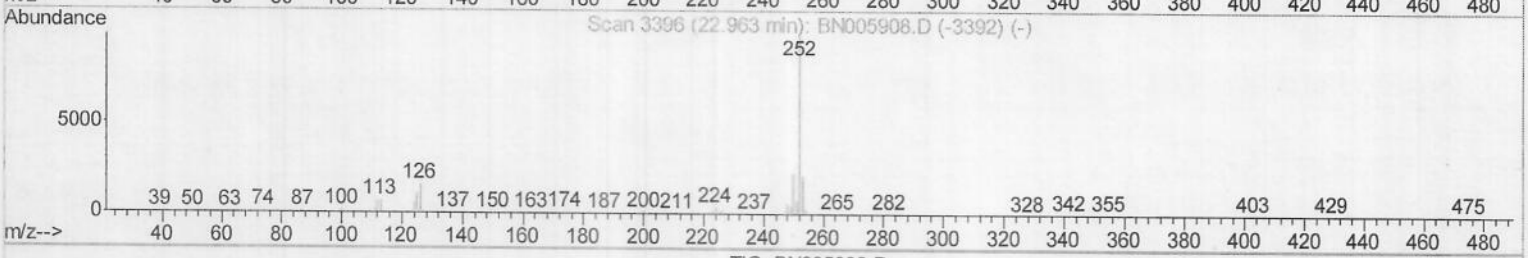
Quant Time: May 29 16:49:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A4276

**Manual Integrations APPROVED**
mohammad
5/30/2019 1:28:34 PM




TIC: BN005932.D

(88) Benzo(k)fluoranthene

22.965min (+0.002) 1.23ng/ul m JJU06 |05|19

response 177674

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.70 | 25.52 |
| 125.00 | 9.40 | 16.02# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052919\
Data File : BN005932.D
Acq On : 29 May 2019 16:11
Operator : JU/SJ
Sample : K2924-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 29 16:51:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A4276

**Manual Integrations APPROVED**
mohammad
5/30/2019 1:28:34 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 473093 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.51 | 136 | 2161413 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.37 | 164 | 1248101 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.12 | 188 | 2786958 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.34 | 240 | 2750478 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.61 | 264 | 2794863 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.27 | 96 | 49204 | 4.58 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.89 | 99 | 1005530 | 23.98 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 633451 | 26.48 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.26 | 132 | 803711 | 25.16 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.42 | 113 | 551962 | 16.31 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.88 | 128 | 411157 | 29.64 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.59 | 143 | 420893 | 32.58 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.12 | 165 | 762870 | 25.01 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.64 | 131 | 804783 | 20.12 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.78 | 166 | 2529787 | 27.49 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.06 | 160 | 3129871 | 27.19 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.56 | 143 | 367003 | 21.92 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.36 | 176 | 2163756 | 28.04 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.48 | 200 | 233707 | 20.57 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.22 | 188 | 2969142 | 25.03 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.52 | 212 | 3605148 | 25.95 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.46 | 264 | 3237527 | 25.96 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.82 | 163 | 515747 | 5.608 | ng/ul | 100 |
| 69) Phenanthrene | 17.16 | 178 | 303239 | 2.196 | ng/ul | 100 |
| 76) Fluoranthene | 19.19 | 202 | 767569 | 5.207 | ng/ul# | 95 |
| 79) Pyrene | 19.55 | 202 | 660939 | 3.793 | ng/ul# | 93 |
| 82) Benzo(a)anthracene | 21.32 | 228 | 366163 | 2.118 | ng/ul | 93 |
| 84) Chrysene | 21.37 | 228 | 372941 | 2.313 | ng/ul | 97 |
| 87) Benzo(b)fluoranthene | 22.92 | 252 | 486130 | 3.097 | ng/ul# | 93 |
| 88) Benzo(k)fluoranthene | 22.96 | 252 | 177674m | 1.231 | ng/ul | |
| 90) Benzo(a)pyrene | 23.51 | 252 | 304206 | 2.055 | ng/ul# | 92 |
| 91) Indeno(1,2,3-cd)pyrene | 25.88 | 276 | 177170 | 1.020 | ng/ul | 97 |

JU 06/05/19

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