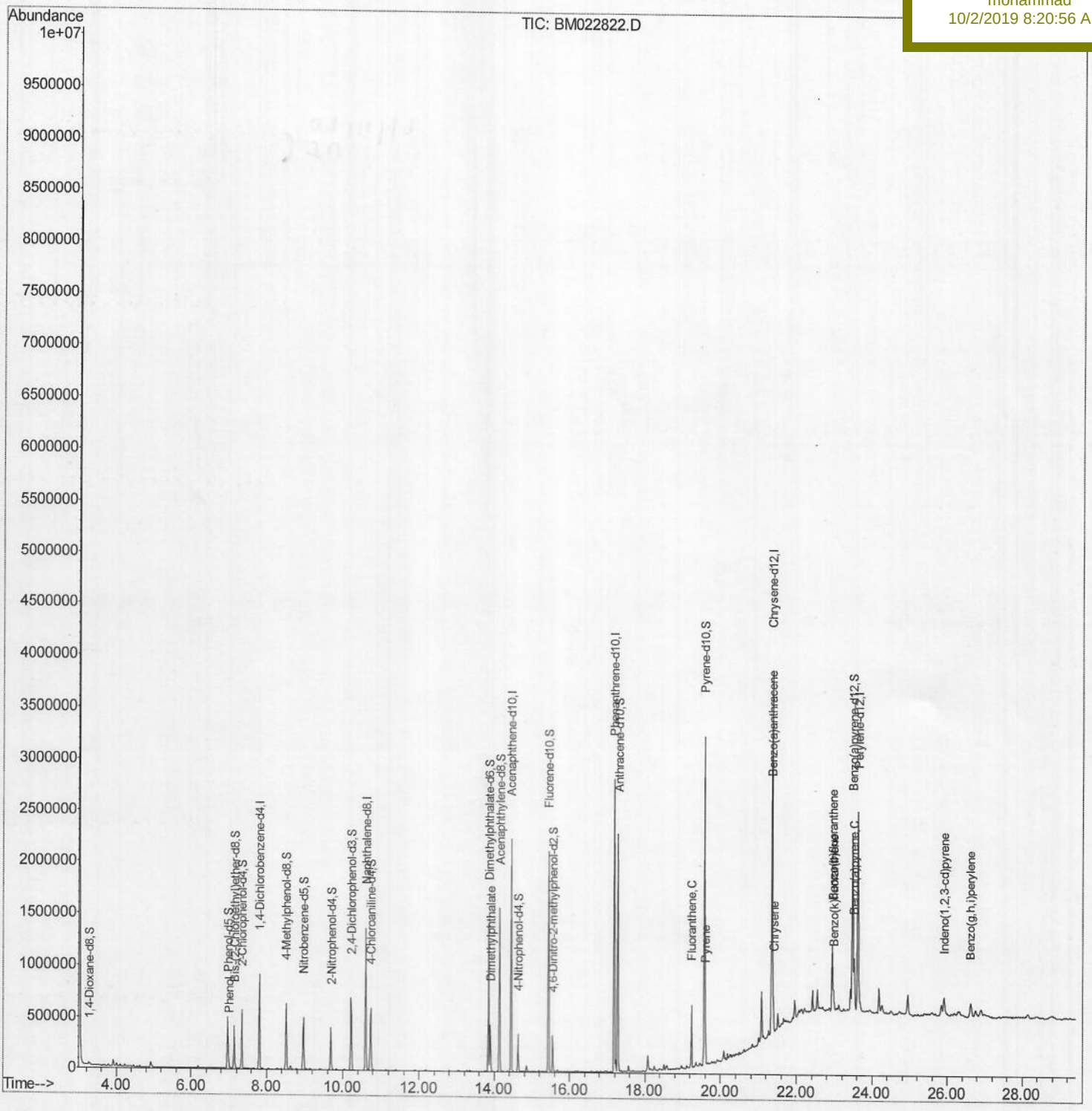
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
Data File : BM022822.D
Acq On : 30 Sep 2019 13:15
Operator : JU
Sample : K4958-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 01 00:07:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
ESNY4

**Manual Integrations APPROVED**
mohammad
10/2/2019 8:20:56 AM



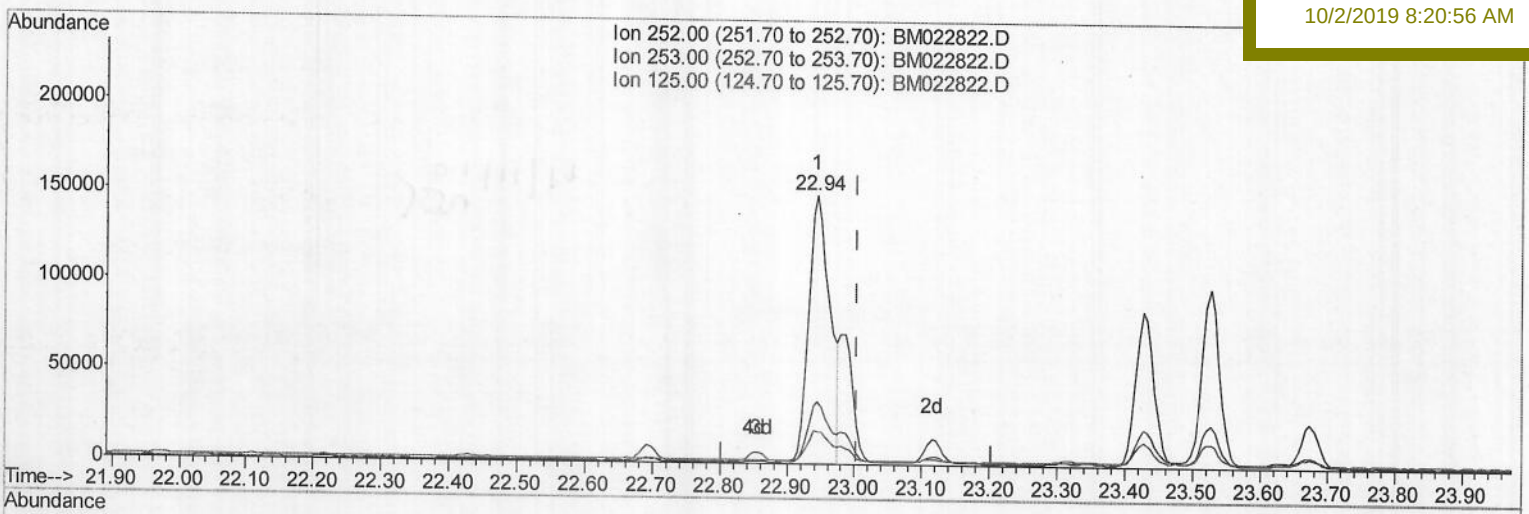
Quantitation Report (Qedit)

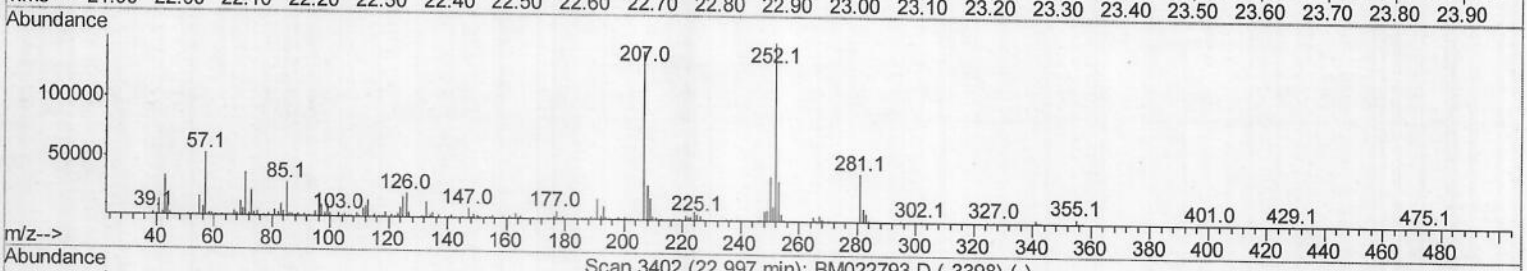
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
Data File : BM022822.D
Acq On : 30 Sep 2019 13:15
Operator : JU
Sample : K4958-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

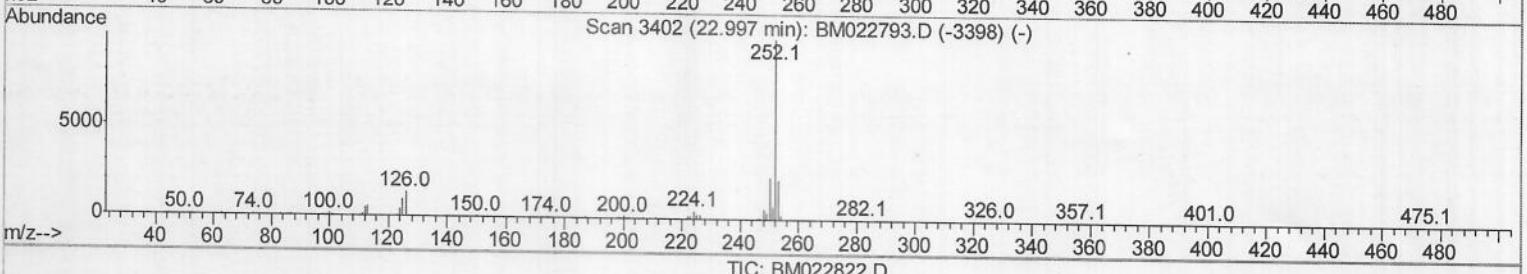
Quant Time: Sep 30 23:37:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
ESNY4

**Manual Integrations APPROVED**
mohammad
10/2/2019 8:20:56 AM




TIC: BM022822.D

(89) Benzo(k)fluoranthene

22.944min (-0.059) 3.75ng/ul

response 328140

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.90 | 22.95 |
| 125.00 | 9.90 | 11.96# |
| 0.00 | 0.00 | 0.00 |

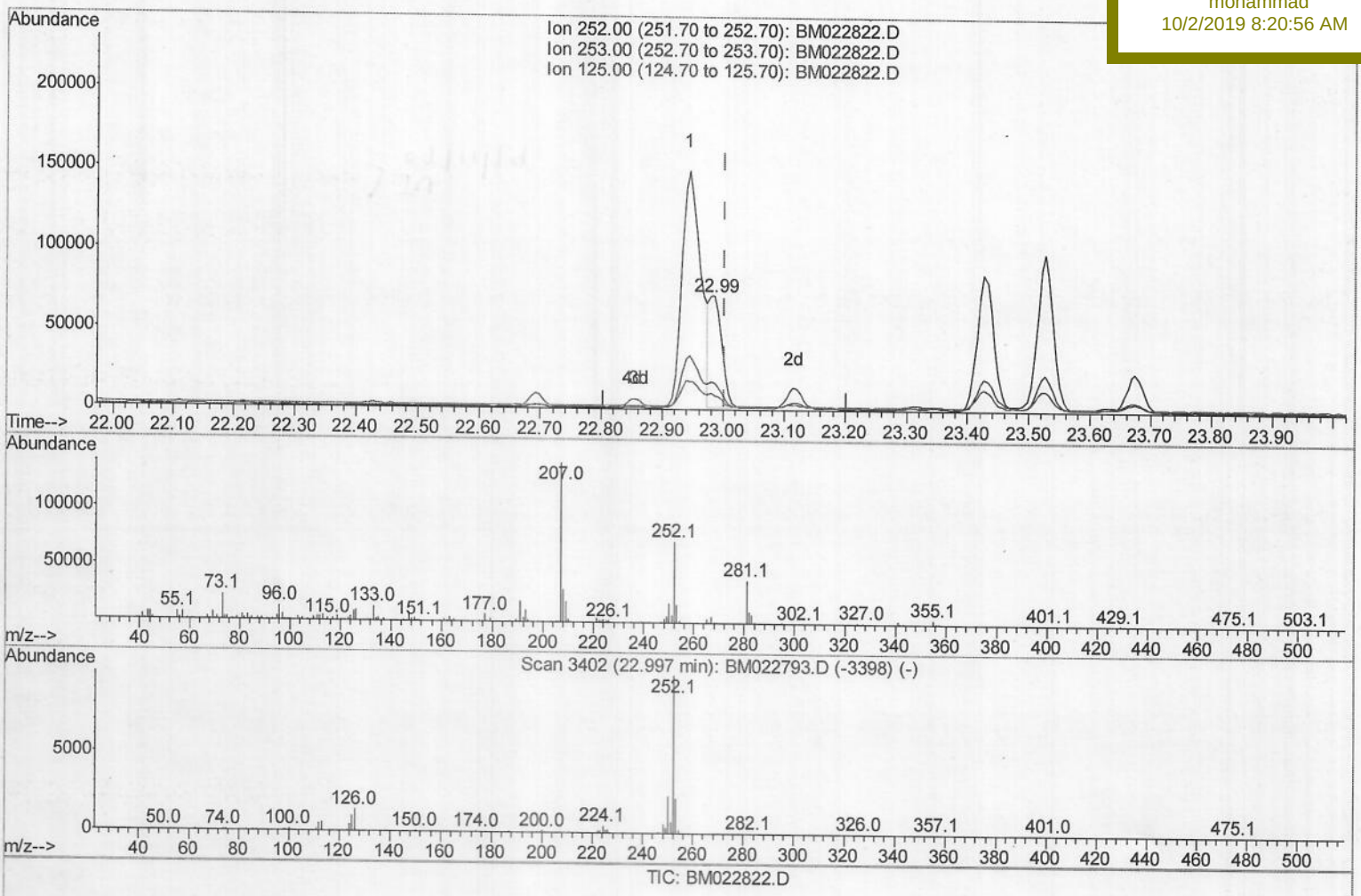
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
Data File : BM022822.D
Acq On : 30 Sep 2019 13:15
Operator : JU
Sample : K4958-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 30 23:37:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
ESNY4

**Manual Integrations APPROVED**
mohammad
10/2/2019 8:20:56 AM




TIC: BM022822.D

(89) Benzo(k)fluoranthene

22.986min (-0.018) 1.09ng/ul m JU 10/04/19

response 95133

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.90 | 24.01 |
| 125.00 | 9.90 | 12.53# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
Data File : BM022822.D
Acq On : 30 Sep 2019 13:15
Operator : JU
Sample : K4958-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 01 00:07:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** ESNY4

**Manual Integrations APPROVED**
mohammad
10/2/2019 8:20:56 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.81 | 152 | 256898 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.60 | 136 | 1149704 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.45 | 164 | 744466 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.18 | 188 | 1563740 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.36 | 240 | 1542798 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.63 | 264 | 1379071 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.28 | 96 | 15431 | 2.60 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.97 | 99 | 295979 | 13.04 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.14 | 67 | 189001 | 15.21 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.34 | 132 | 263892 | 14.44 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.51 | 113 | 246894 | 13.28 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.96 | 128 | 130187 | 14.67 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.68 | 143 | 137417 | 14.18 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.22 | 165 | 273067 | 14.15 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.73 | 131 | 348443 | 14.87 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.85 | 166 | 927812 | 16.06 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.13 | 160 | 1057239 | 15.85 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.63 | 143 | 90227 | 7.90 | ng/ul | -0.01 |
| 58) Fluorene-d10 | 15.43 | 176 | 816255 | 16.58 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.55 | 200 | 76357 | 7.50 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.28 | 188 | 1277864 | 16.73 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.57 | 212 | 1539582 | 18.54 | ng/ul | -0.01 |
| 90) Benzo(a)pyrene-d12 | 23.48 | 264 | 1271998 | 17.83 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.00 | 94 | 31324 | 1.316 | ng/ul | 97 |
| 45) Dimethylphthalate | 13.90 | 163 | 285160 | 4.804 | ng/ul | 100 |
| 77) Fluoranthene | 19.24 | 202 | 355248 | 3.384 | ng/ul | 99 |
| 80) Pyrene | 19.60 | 202 | 312180 | 2.854 | ng/ul | 97 |
| 83) Benzo(a)anthracene | 21.34 | 228 | 137582 | 1.242 | ng/ul | 99 |
| 85) Chrysene | 21.40 | 228 | 210318 | 2.059 | ng/ul | 99 |
| 88) Benzo(b)fluoranthene | 22.94 | 252 | 328140 | 3.586 | ng/ul | 97 |
| 89) Benzo(k)fluoranthene | 22.99 | 252 | 95133m | 1.087 | ng/ul | |
| 91) Benzo(a)pyrene | 23.53 | 252 | 177398 | 2.066 | ng/ul | 96 |
| 92) Indeno(1,2,3-cd)pyrene | 25.92 | 276 | 154235 | 1.691 | ng/ul | 96 |
| 94) Benzo(g,h,i)perylene | 26.62 | 276 | 157565 | 2.142 | ng/ul | 98 |

JU 10/04/19

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