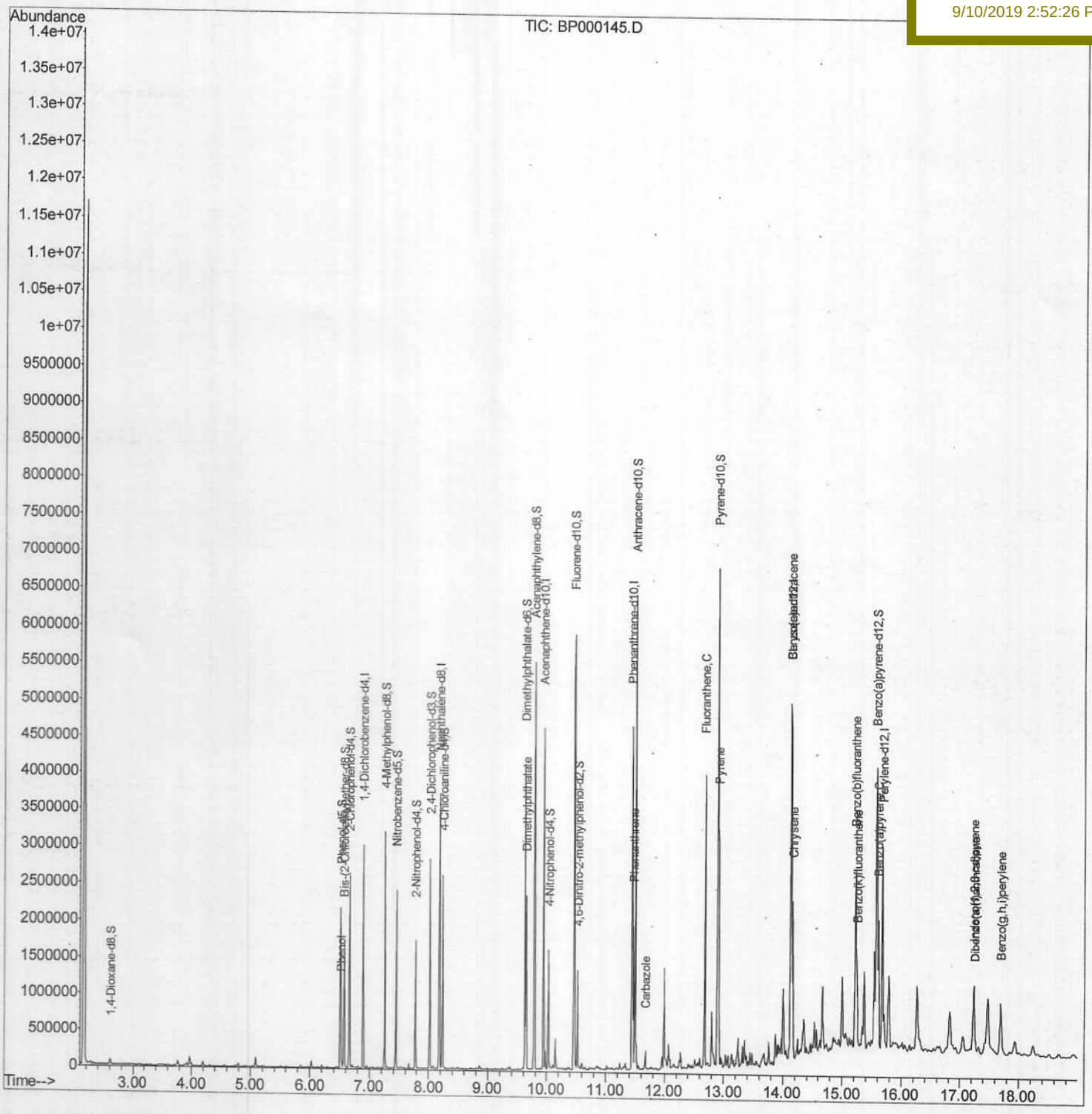
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000145.D
Acq On : 09 Sep 2019 20:27
Operator : HP/JU
Sample : K4633-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 18 04:54:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
F2D01

**Manual Integrations APPROVED**
mohammad
9/10/2019 2:52:26 PM



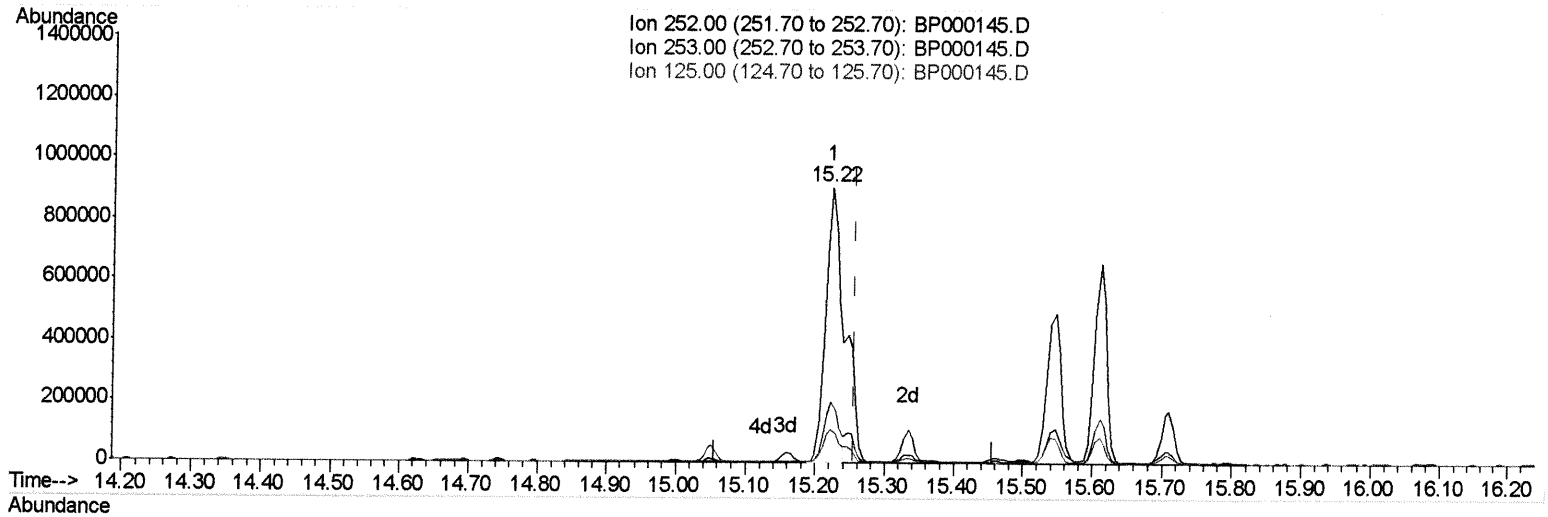
Quantitation Report (Qedit)

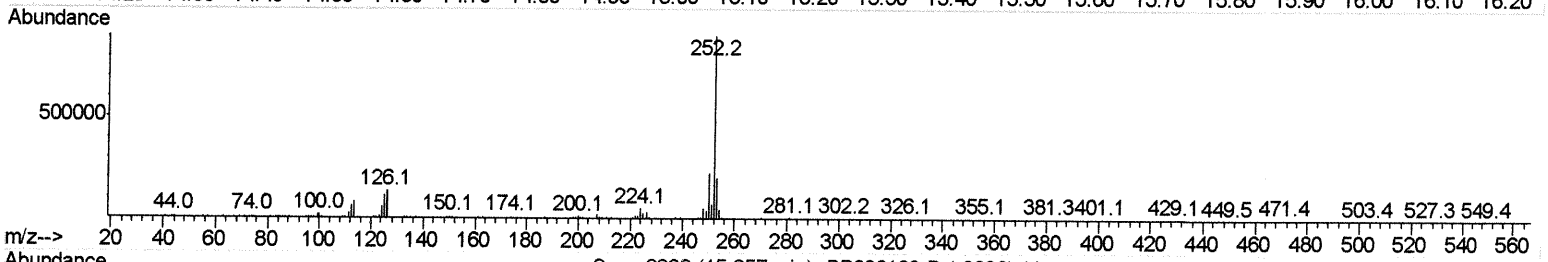
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000145.D
Acq On : 09 Sep 2019 20:27
Operator : HP/JU
Sample : K4633-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

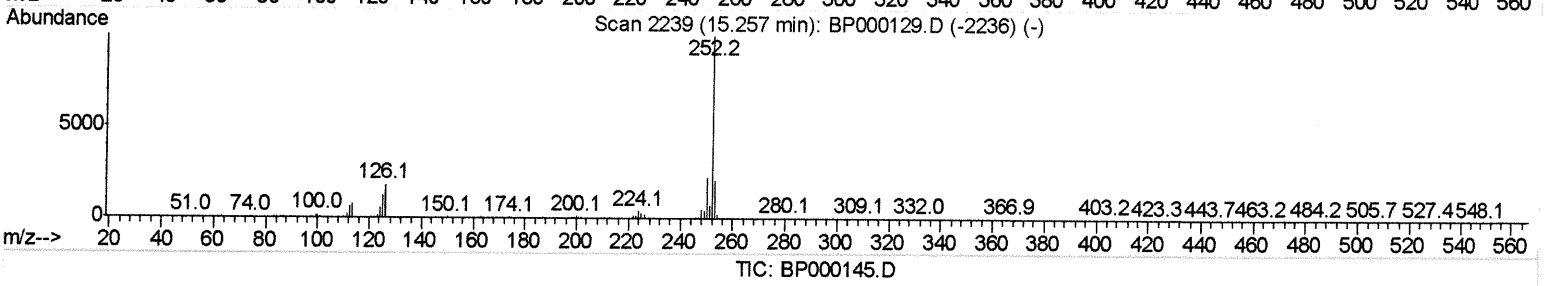
Quant Time: Sep 10 03:37:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
F2D01

**Manual Integrations APPROVED**
mohammad
9/10/2019 2:52:26 PM




TIC: BP000145.D

(89) Benzo(k)fluoranthene

15.222min (-0.035) 16.43ng/ul

response 1346007

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.50 | 22.23 |
| 125.00 | 12.70 | 12.25 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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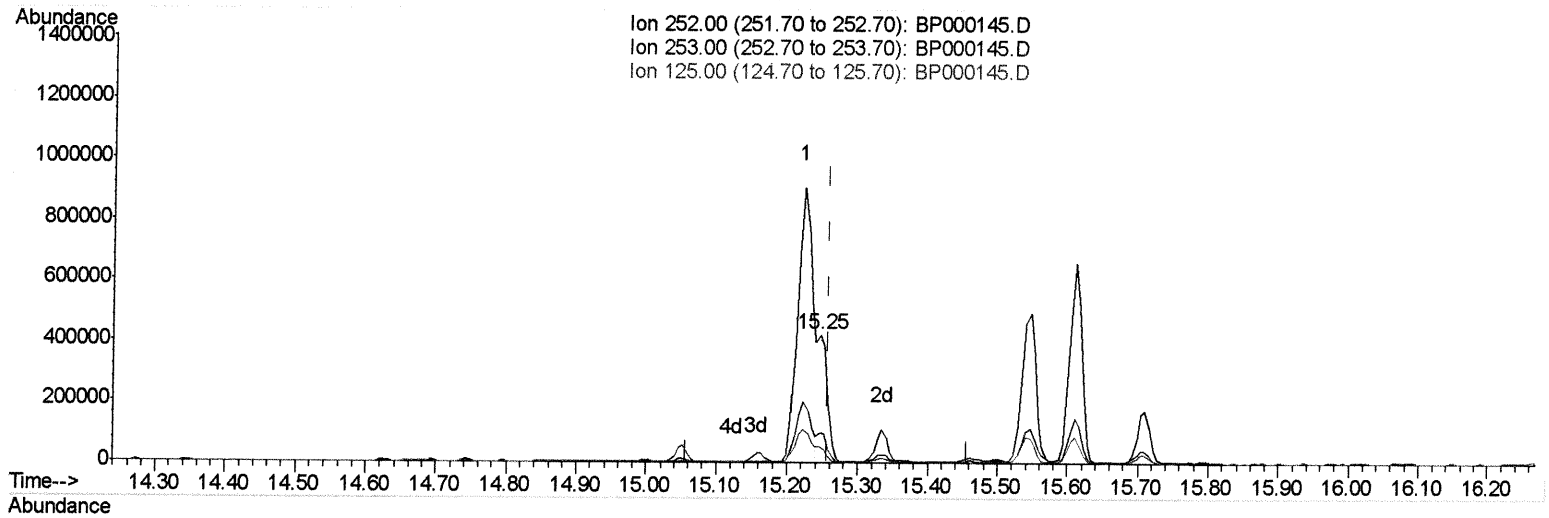
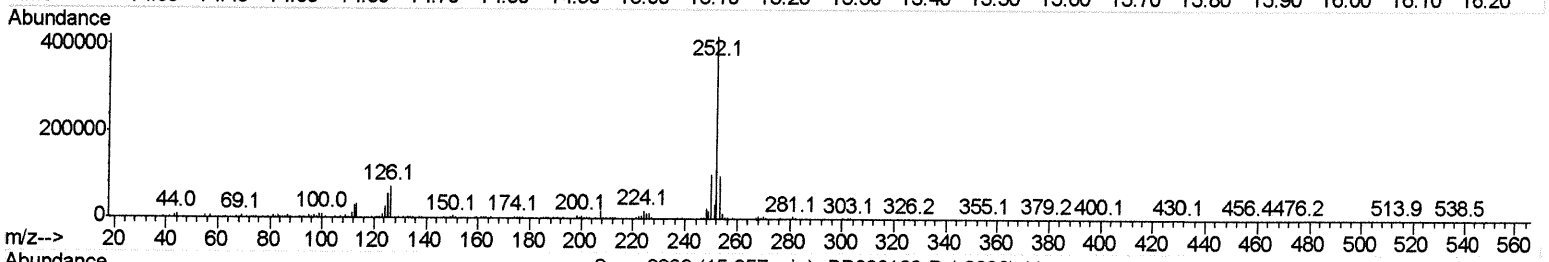
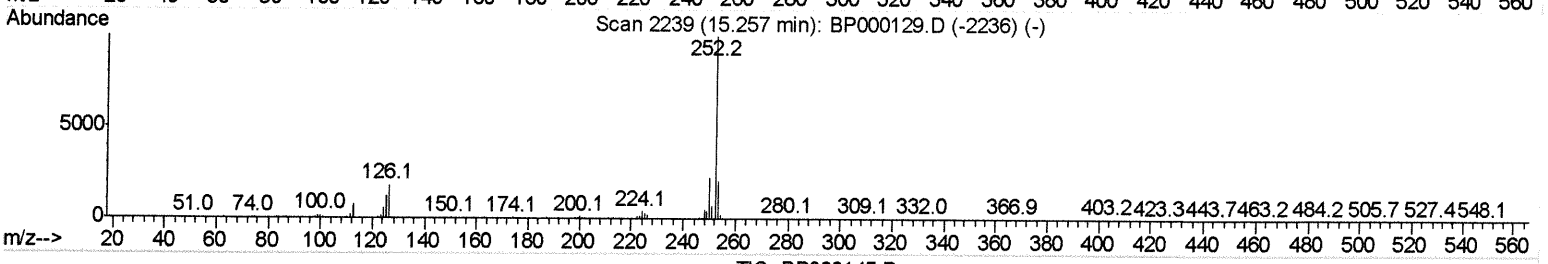
**Instrument :**
BNA_P
**ClientSampleId :**
F2D01

**Manual Integrations APPROVED**
mohammad
9/10/2019 2:52:26 PM




TIC: BP000145.D

(89) Benzo(k)fluoranthene

15.245min (-0.012) 4.37ng/ul m

JU 09/10/19

response 358074

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.50 | 23.21 |
| 125.00 | 12.70 | 12.89 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
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Acq On : 09 Sep 2019 20:27
Operator : HP/JU
Sample : K4633-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

**Instrument :** BNA_P
**ClientSampleId :** F2D01

**Manual Integrations APPROVED**
mohammad
9/10/2019 2:52:26 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 402905 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 8.18 | 136 | 1564739 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 9.95 | 164 | 858561 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 11.45 | 188 | 1575025 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 14.14 | 240 | 1311724 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 15.68 | 264 | 1311557 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.61 | 96 | 43223 | 3.80 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.51 | 99 | 790975 | 23.05 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.57 | 67 | 419776 | 23.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.66 | 132 | 644795 | 23.23 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 7.26 | 113 | 593733 | 23.03 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 7.45 | 128 | 310429 | 26.13 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 7.78 | 143 | 329122 | 28.45 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 8.02 | 165 | 573128 | 23.34 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 8.23 | 131 | 721121 | 23.75 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 9.63 | 166 | 1738914 | 27.43 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 9.79 | 160 | 1994654 | 25.46 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 10.03 | 143 | 252145 | 22.26 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 10.47 | 176 | 1407830 | 26.15 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 10.52 | 200 | 171762 | 23.73 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 11.50 | 188 | 2010266 | 26.36 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 12.90 | 212 | 2180357 | 27.95 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 15.58 | 264 | 1980201 | 29.13 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.52 | 94 | 130437 | 3.647 | ng/ul | 97 |
| 45) Dimethylphthalate | 9.65 | 163 | 824998 | 12.896 | ng/ul | 100 |
| 70) Phenanthrene | 11.47 | 178 | 622604 | 6.684 | ng/ul | 99 |
| 75) Carbazole | 11.67 | 167 | 93288 | 1.190 | ng/ul | 98 |
| 77) Fluoranthene | 12.68 | 202 | 1430283 | 15.225 | ng/ul | 99 |
| 80) Pyrene | 12.92 | 202 | 1238318 | 12.513 | ng/ul | 94 |
| 83) Benzo(a)anthracene | 14.13 | 228 | 747618 | 7.874 | ng/ul | 98 |
| 85) Chrysene | 14.16 | 228 | 829973 | 9.526 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 15.22 | 252 | 1346007 | 15.484 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 15.25 | 252 | 358074m | 4.370 | ng/ul | |
| 91) Benzo(a)pyrene | 15.61 | 252 | 795606 | 9.755 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 17.23 | 276 | 642603 | 6.849 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 17.25 | 278 | 171141 | 2.202 | ng/ul | 96 |
| 94) Benzo(g,h,i)perylene | 17.70 | 276 | 573272 | 7.328 | ng/ul | 98 |

JU 09/10/19

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