Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\

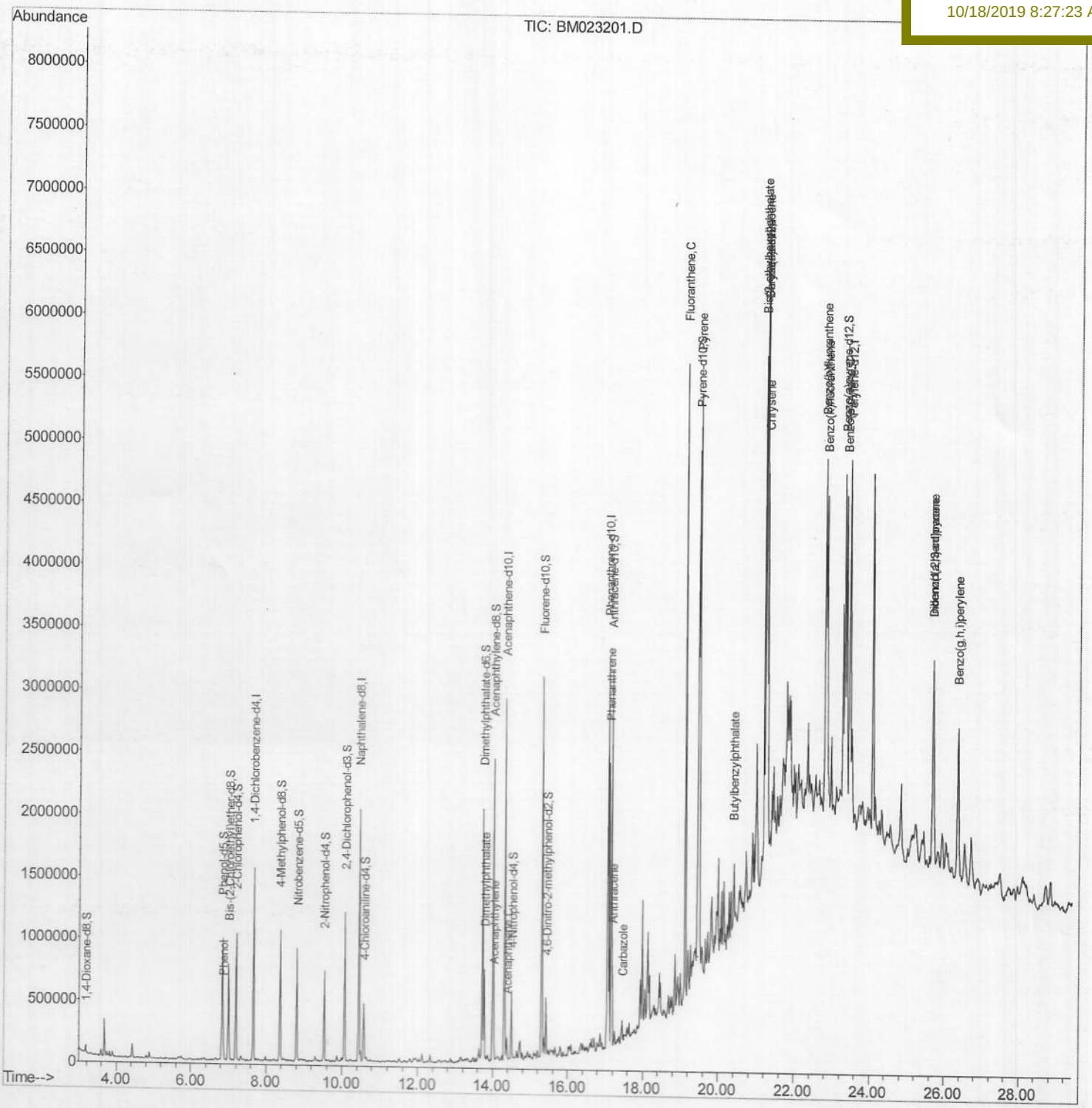
Quantitation Report (QT Reviewed)

Data File : BM023201.D
Acq On : 16 Oct 2019 21:33
Operator : JU
Sample : K5262-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 17 05:49:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BFB69

**Manual Integrations APPROVED**
mohammad
10/18/2019 8:27:23 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\

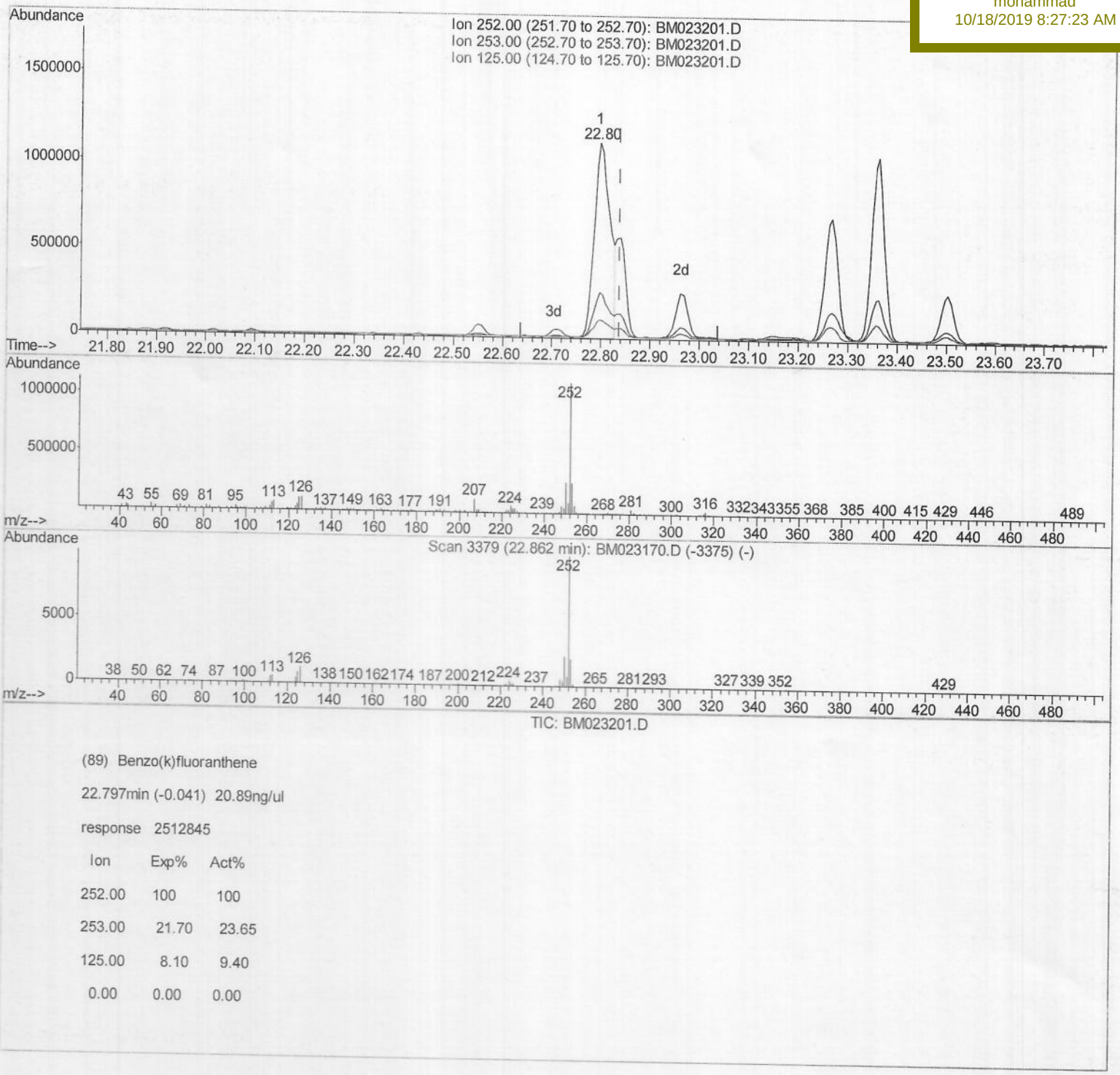
Quantitation Report (Qedit)

Data File : BM023201.D
Acq On : 16 Oct 2019 21:33
Operator : JU
Sample : K5262-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 17 04:35:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BFB69

**Manual Integrations APPROVED**
mohammad
10/18/2019 8:27:23 AM




(89) Benzo(k)fluoranthene

22.797min (-0.041) 20.89ng/ul

response 2512845

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.70 | 23.65 |
| 125.00 | 8.10 | 9.40 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\

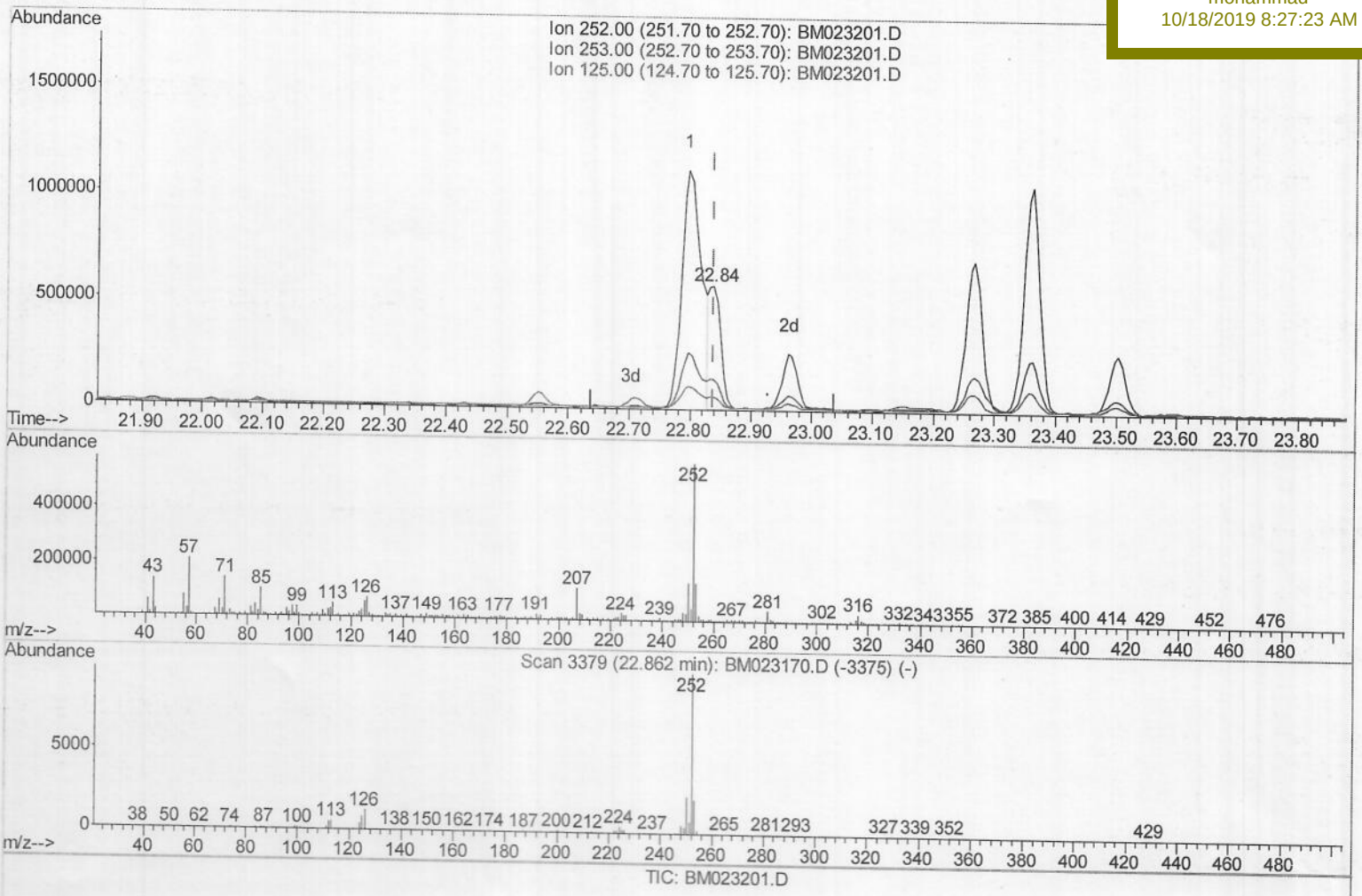
Quantitation Report (Qedit)

Data File : BM023201.D
Acq On : 16 Oct 2019 21:33
Operator : JU
Sample : K5262-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 17 04:35:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BFB69

**Manual Integrations APPROVED**
mohammad
10/18/2019 8:27:23 AM










TIC: BM023201.D

(89) Benzo(k)fluoranthene

22.839min (+0.000) 6.43ng/ul m JU 10/19/19

response 772871

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.70 | 24.49 |
| 125.00 | 8.10 | 10.69# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\

Quantitation Report (QT Reviewed)

Data File : BM023201.D
Acq On : 16 Oct 2019 21:33
Operator : JU
Sample : K5262-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 17 05:49:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** BFB69

**Manual Integrations APPROVED**
mohammad
10/18/2019 8:27:23 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 413304 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.45 | 136 | 1650256 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.31 | 164 | 937113 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.05 | 188 | 1786374 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.24 | 240 | 1685700 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.46 | 264 | 2065733 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.18 | 96 | 30358 | 3.23 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.83 | 99 | 538569 | 14.96 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 337333 | 16.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 451964 | 16.41 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 387910 | 13.42 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.81 | 128 | 212546 | 19.04 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.53 | 143 | 226586 | 21.31 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.06 | 165 | 446138 | 16.50 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.57 | 131 | 266953 | 8.12 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.72 | 166 | 1340741 | 18.67 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.00 | 160 | 1571977 | 18.66 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.50 | 143 | 124693 | 10.73 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.30 | 176 | 1131267 | 18.49 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 94978 | 13.41 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.15 | 188 | 1682171 | 19.53 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.45 | 212 | 1767034 | 21.65 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.32 | 264 | 2091092 | 19.97 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.86 | 94 | 113384 | 3.054 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.77 | 163 | 423695 | 5.895 | ng/ul | 99 |
| 48) Acenaphthylene | 14.03 | 152 | 196197 | 2.278 | ng/ul | 99 |
| 50) Acenaphthene | 14.37 | 153 | 70567 | 1.177 | ng/ul | 93 |
| 70) Phenanthrene | 17.09 | 178 | 1354383 | 13.510 | ng/ul | 99 |
| 72) Anthracene | 17.19 | 178 | 389122 | 3.756 | ng/ul | 100 |
| 75) Carbazole | 17.45 | 167 | 109426 | 1.182 | ng/ul | 96 |
| 77) Fluoranthene | 19.12 | 202 | 2977945 | 24.977 | ng/ul | 100 |
| 80) Pyrene | 19.48 | 202 | 2844631 | 26.937 | ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.40 | 149 | 156292 | 4.255 | ng/ul | 97 |
| 83) Benzo(a)anthracene | 21.23 | 228 | 1646148 | 14.412 | ng/ul | 95 |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 1424394 | 24.389 | ng/ul | 100 |
| 85) Chrysene | 21.28 | 228 | 1626032 | 15.332 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 22.80 | 252 | 2512845 | 20.063 | ng/ul | 96 |
| 89) Benzo(k)fluoranthene | 22.84 | 252 | 772871m | 6.426 | ng/ul | 97 |
| 91) Benzo(a)pyrene | 23.36 | 252 | 1877497 | 15.625 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 1495142 | 10.459 | ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 25.68 | 278 | 379395 | 3.174 | ng/ul# | 91 |
| 94) Benzo(g,h,i)perylene | 26.35 | 276 | 1522592 | 12.937 | ng/ul | 99 |

JU 10/19/19

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