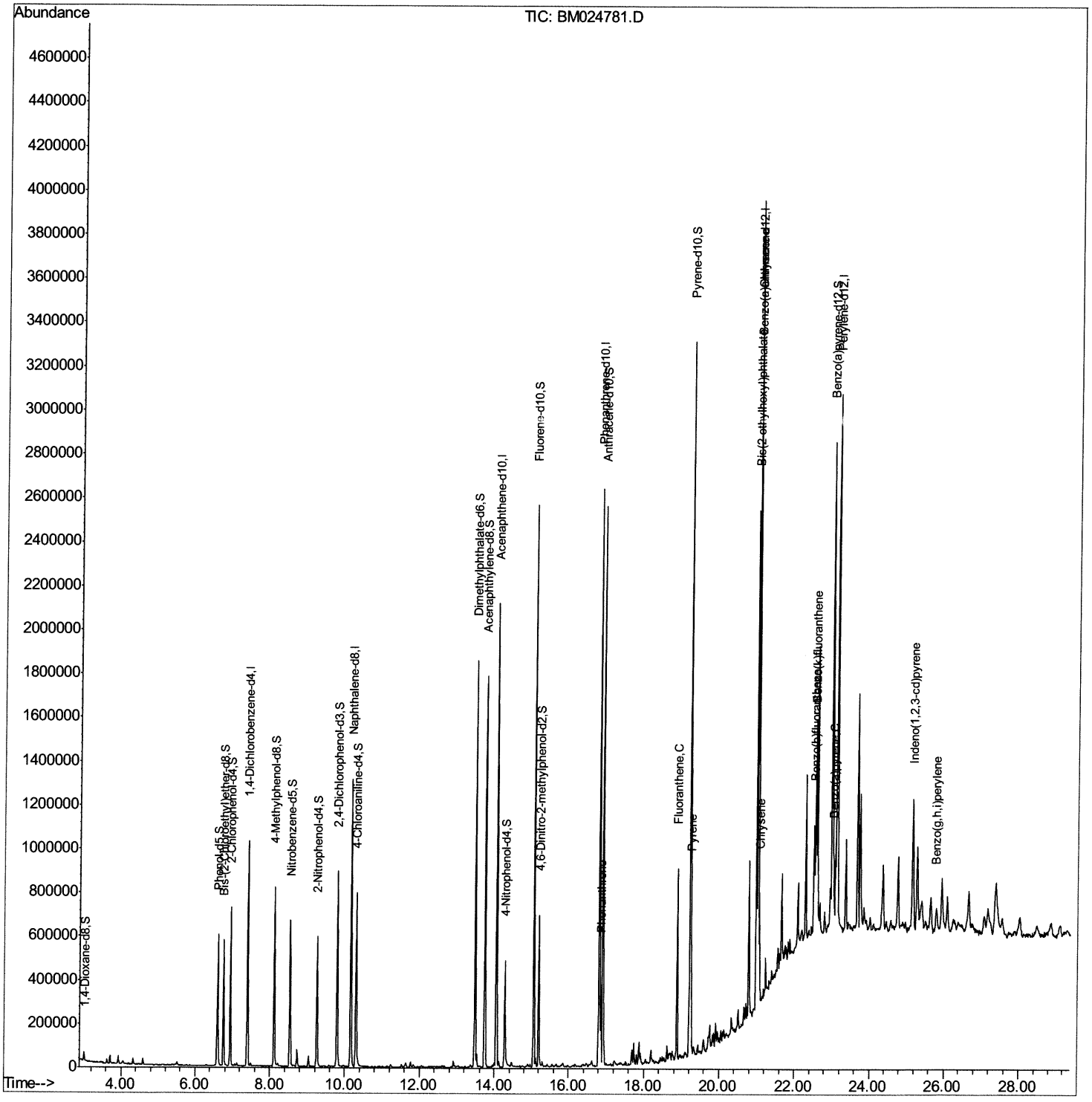
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024781.D
Acq On : 08 Feb 2020 03:41
Operator : CG/JU
Sample : L1400-01
Misc :
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Feb 08 04:28:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 22:29:17 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
CB6G7

**Manual Integrations APPROVED**
mohammad
2/11/2020 8:22:13 AM



Quantitation Report (Qedit)

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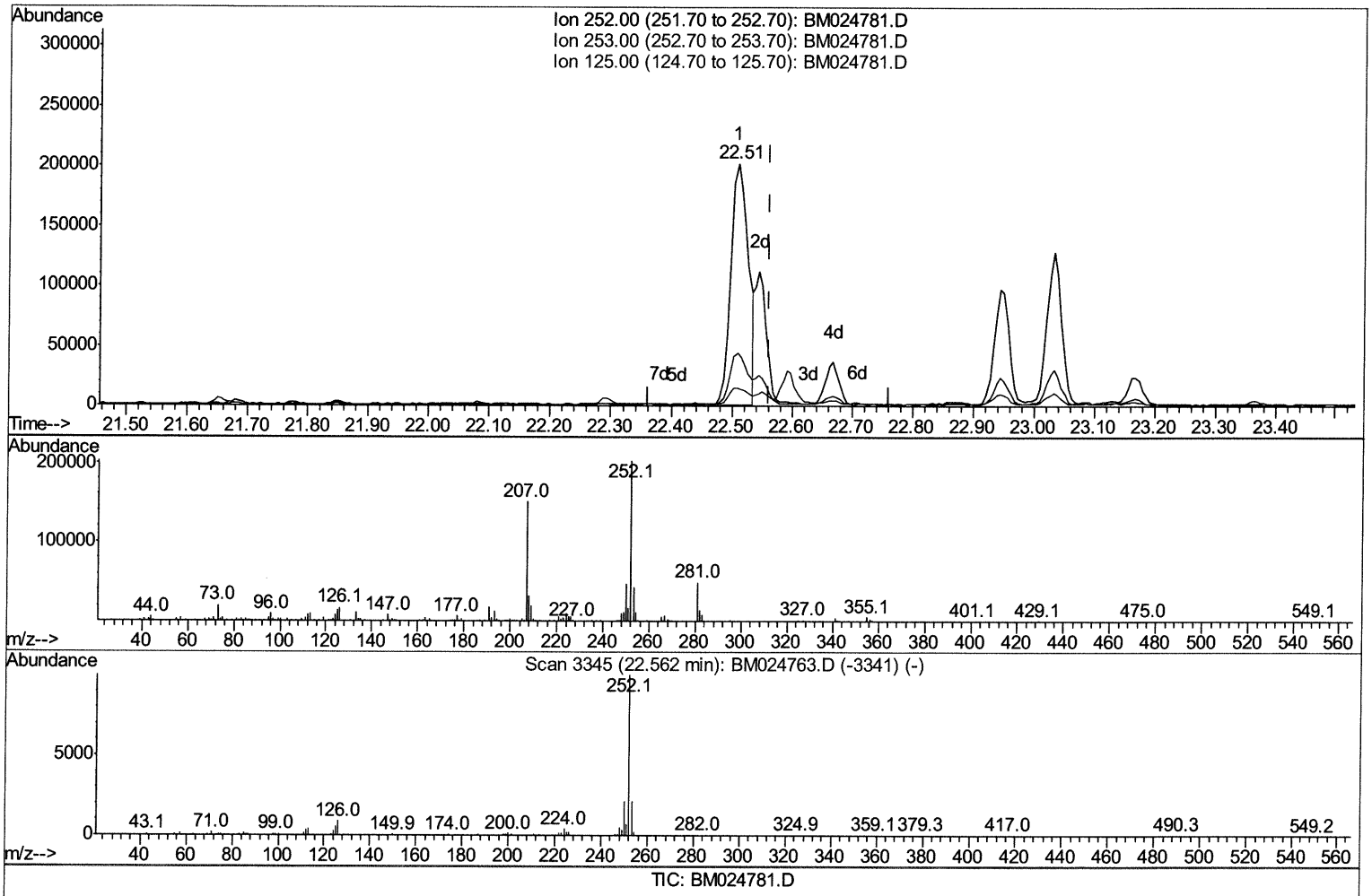


TIC: BM024781.D

(89) Benzo(k)fluoranthene

22.509min (-0.053) 3.69ng/ul

response 399103

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.70 | 21.64 |
| 125.00 | 6.40 | 7.15 |
| 0.00 | 0.00 | 0.00 |

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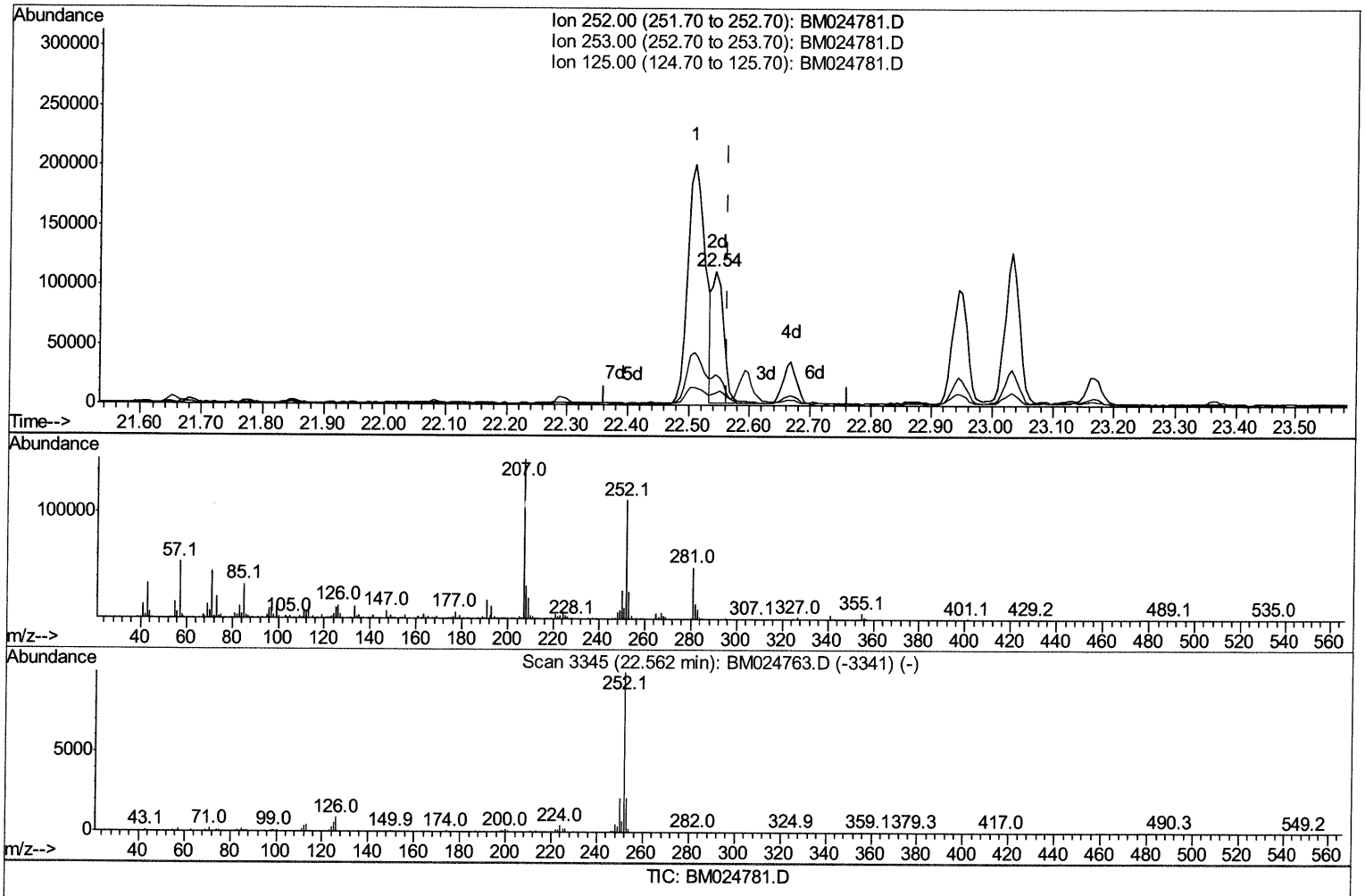


TIC: BM024781.D

(89) Benzo(k)fluoranthene

22.544min (-0.018) 1.36ng/ul m JU 02/12/20

response 147592

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.70 | 23.04 |
| 125.00 | 6.40 | 9.15# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : L1400-01
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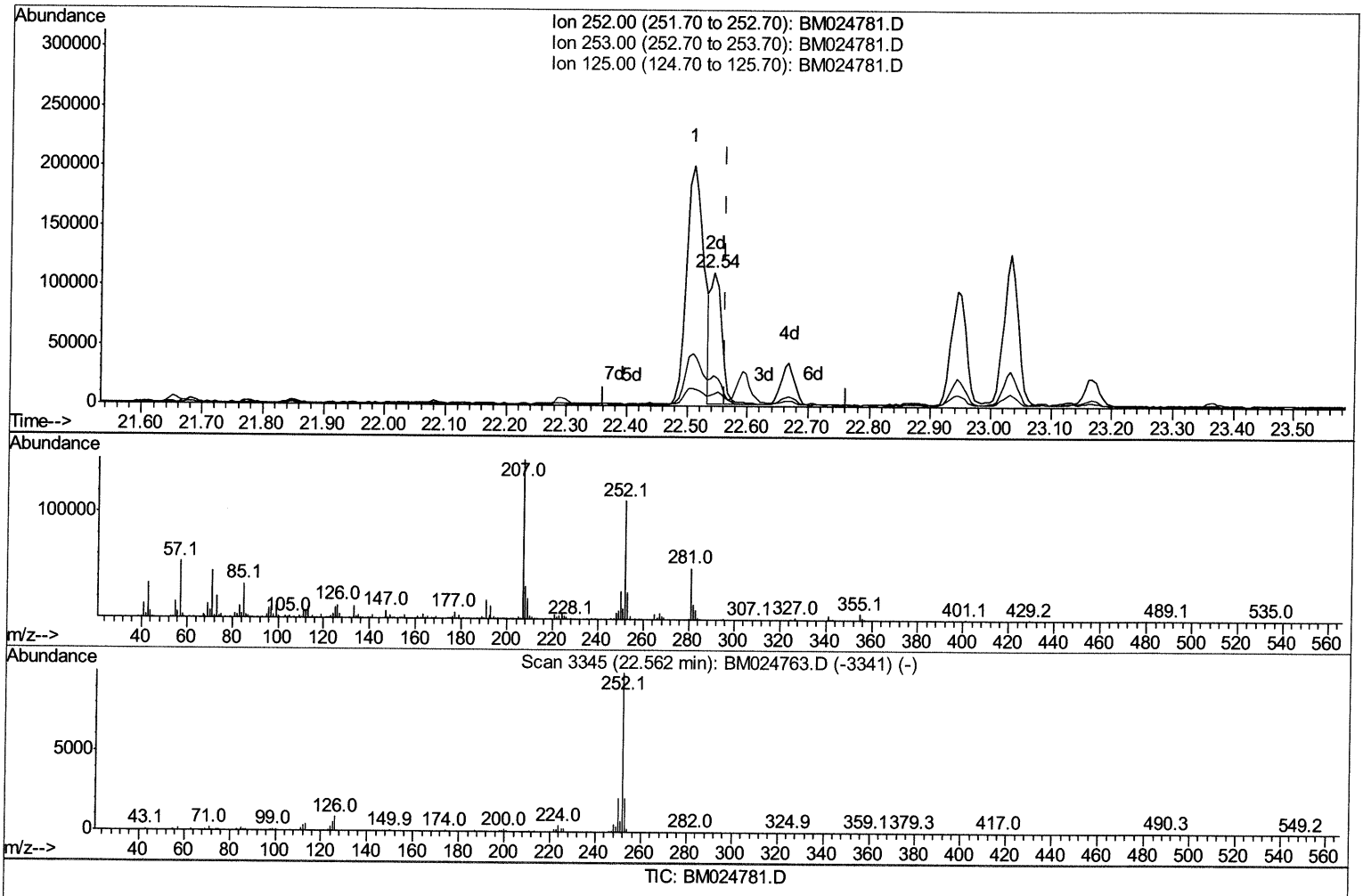
**Instrument :**
BNA_M
**ClientSampleId :**
CB6G7

**Manual Integrations APPROVED**
mohammad
2/11/2020 8:22:13 AM




TIC: BM024781.D

(89) Benzo(k)fluoranthene

22.544min (-0.018) 1.36ng/ul m JU 02/12/20

response 147592

| Ion | Exp% | Act% |
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| 253.00 | 21.70 | 23.04 |
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 287918 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.16 | 136 | 1105880 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.06 | 164 | 731063 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.81 | 188 | 1619289 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.02 | 240 | 1664450 | 20.00 | ng/ul | -0.01 |
| 86) Perylene-d12 | 23.13 | 264 | 1768333 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.02 | 96 | 20402 | 3.41 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.60 | 99 | 351825 | 18.39 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.76 | 67 | 232039 | 21.48 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.95 | 132 | 330764 | 19.30 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.12 | 113 | 304958 | 18.90 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.55 | 128 | 171942 | 21.50 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.26 | 143 | 205747 | 21.77 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.79 | 165 | 348506 | 18.28 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.30 | 131 | 443040 | 24.85 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.48 | 166 | 1265792 | 22.94 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.74 | 160 | 1277778 | 19.83 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.28 | 143 | 150563 | 16.79 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.06 | 176 | 1017757 | 20.83 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.19 | 200 | 176187 | 16.69 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.91 | 188 | 1456391 | 19.70 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.22 | 212 | 1596933 | 19.18 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 22.99 | 264 | 1638282 | 18.45 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 70) Phenanthrene | 16.85 | 178 | 240991 | 2.729 | ng/ul | 99 |
| 77) Fluoranthene | 18.88 | 202 | 530844 | 4.898 | ng/ul | 99 |
| 80) Pyrene | 19.24 | 202 | 437295 | 3.969 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.01 | 228 | 282885 | 2.523 | ng/ul | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 20.98 | 149 | 836725 | 12.827 | ng/ul | 99 |
| 85) Chrysene | 21.06 | 228 | 289257 | 2.621 | ng/ul | 99 |
| 88) Benzo(b)fluoranthene | 22.51 | 252 | 399103 | 3.549 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.54 | 252 | 147592m > | 1.364 | ng/ul > | JU 02/12/20 |
| 91) Benzo(a)pyrene | 23.03 | 252 | 217962 | 2.162 | ng/ul# | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.17 | 276 | 174537 | 1.391 | ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 25.79 | 276 | 122531 | 1.174 | ng/ul | 97 |

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