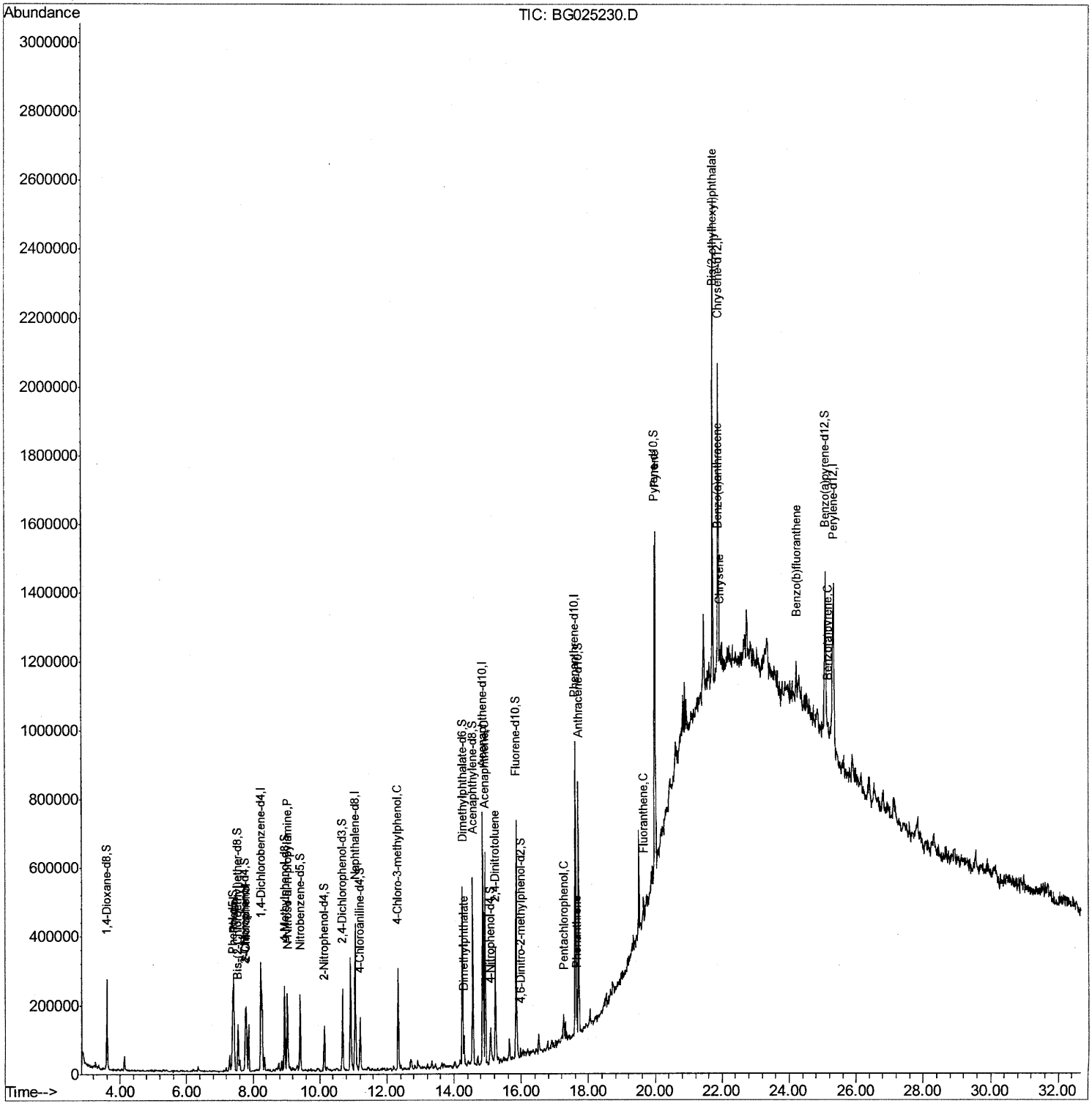
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025230.D
Acq On : 16 Dec 2016 3:09
Operator : UM/SJ
Sample : H5995-17MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 16 06:29:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DA884MS

**Manual Integrations APPROVED**
UMANGI
12/16/2016 6:21:23 PM



Quantitation Report (Qedit)

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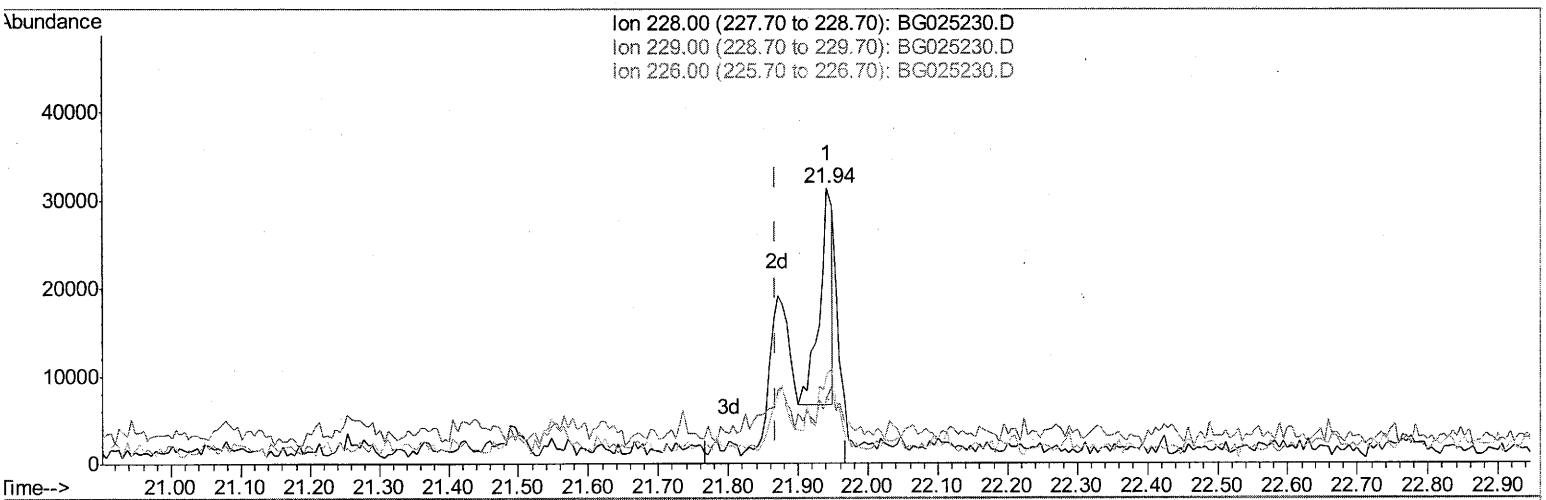


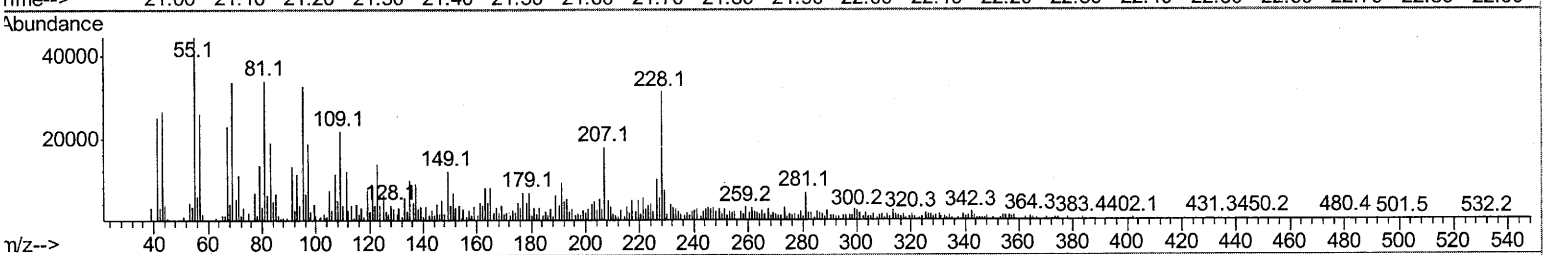


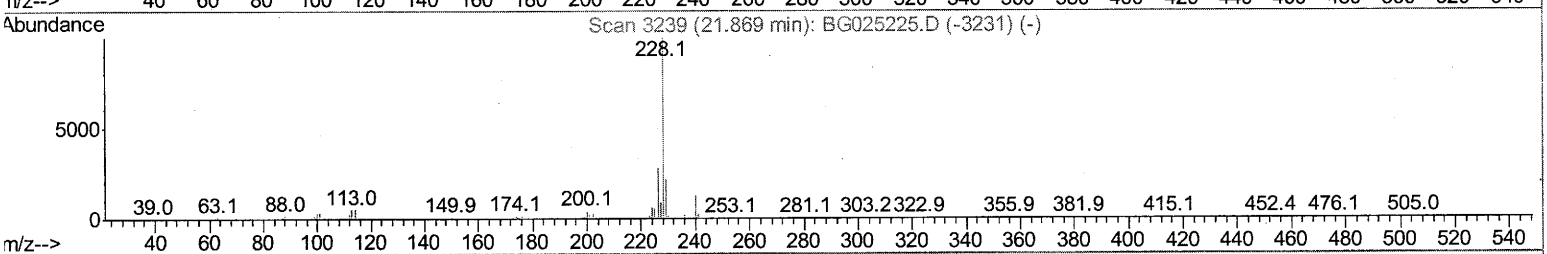


TIC: BG025230.D

(80) Benzo(a)anthracene

21.942min (+0.073) 0.92ng/ul

response 30929

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100 | 100 |
| 229.00 | 20.40 | 24.13 |
| 226.00 | 27.40 | 32.12 |
| 0.00 | 0.00 | 0.00 |

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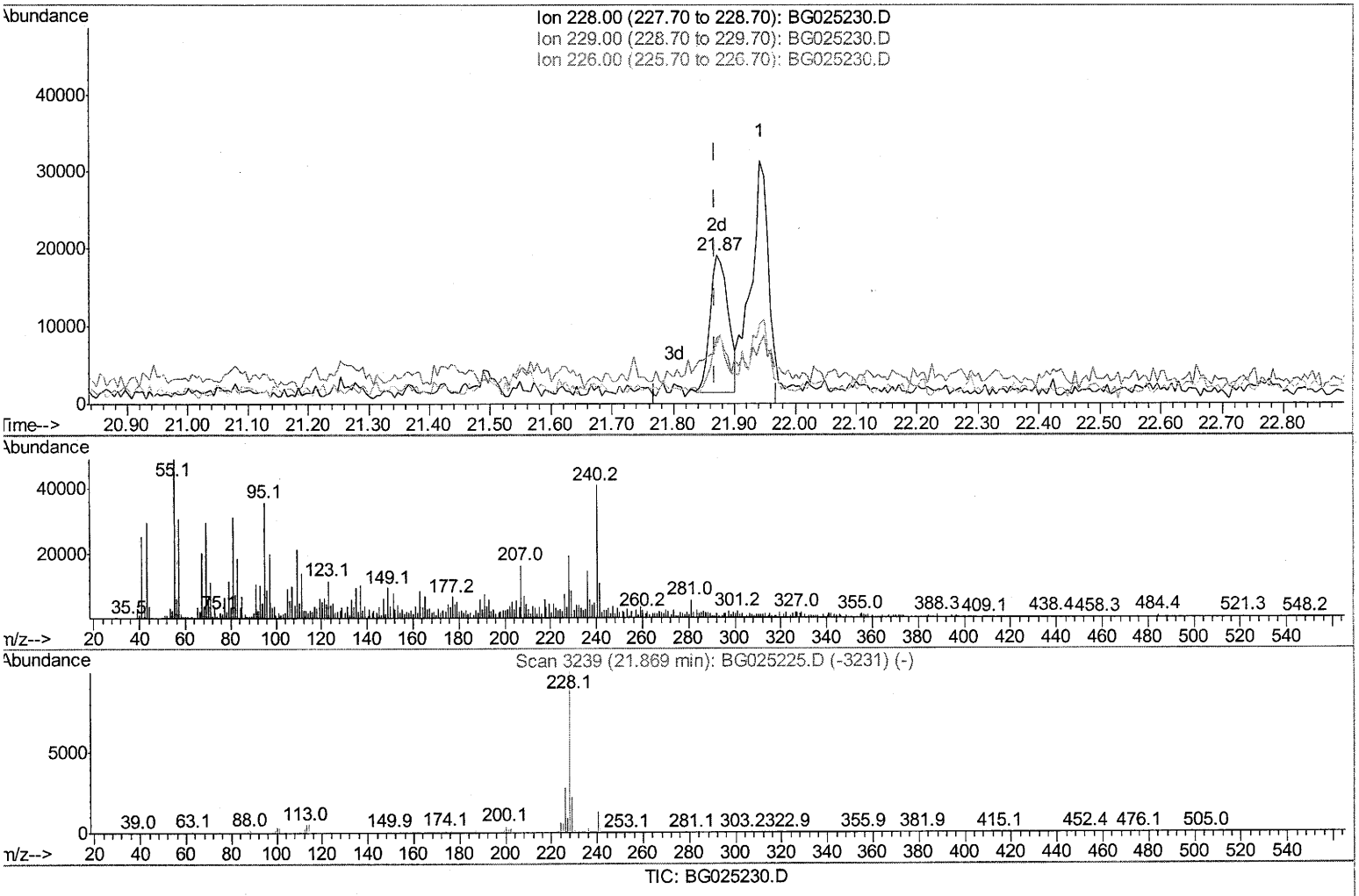
**Instrument :**
BNA_G
**ClientSampleId :**
DA884MS

**Manual Integrations APPROVED**
UMANGI
12/16/2016 6:21:23 PM




TIC: BG025230.D

(80) Benzo(a)anthracene

21.871min (+0.002) 1.10ng/ul m

response 36828

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100 | 100 |
| 229.00 | 20.40 | 44.30# |
| 226.00 | 27.40 | 39.23# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA884MS

Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:23 PM

Quant Time: Dec 16 06:29:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.23 | 152 | 80090 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.06 | 136 | 345001 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.86 | 164 | 275326 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.60 | 188 | 540656 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.89 | 240 | 646572 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.32 | 264 | 668907 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.60 | 96 | 4272 | 2.76 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.39 | 99 | 112973 | 16.35 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.55 | 67 | 72955 | 17.07 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.76 | 132 | 73360 | 15.18 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.95 | 113 | 96056 | 16.64 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.42 | 128 | 46970 | 19.23 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.14 | 143 | 34518 | 11.33 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.68 | 165 | 85977 | 14.68 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.21 | 131 | 82107 | 14.26 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.25 | 166 | 333107 | 17.59 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.56 | 160 | 396960 | 19.14 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.07 | 143 | 16138 | 4.96 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.84 | 176 | 302524 | 16.97 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 7335 | 2.19 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.70 | 188 | 450333 | 19.73 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.97 | 212 | 519896 | 19.52 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.09 | 264 | 530731 | 19.58 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.42 | 94 | 131223 | 18.50 | ng/ul | 93 |
| 10) 2-Chlorophenol | 7.80 | 128 | 68771 | 14.16 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 9.03 | 70 | 84318 | 16.61 | ng/ul | 91 |
| 33) 4-Chloro-3-methylphenol | 12.33 | 107 | 107650 | 15.36 | ng/ul | 97 |
| 44) Dimethylphthalate | 14.29 | 163 | 49693 | 2.67 | ng/ul | 96 |
| 49) Acenaphthene | 14.92 | 153 | 251033 | 18.17 | ng/ul | 98 |
| 52) 4-Nitrophenol | 15.09 | 109 | 15969 | 4.08 | ng/ul# | 87 |
| 54) 2,4-Dinitrotoluene | 15.22 | 165 | 96441 | 16.00 | ng/ul# | 87 |
| 68) Pentachlorophenol | 17.25 | 266 | 15787 | 3.82 | ng/ul# | 85 |
| 69) Phenanthrene | 17.64 | 178 | 38202 | 1.48 | ng/ul | 97 |
| 74) Fluoranthene | 19.64 | 202 | 49239 | 1.61 | ng/ul# | 97 |
| 77) Pyrene | 20.00 | 202 | 633024 | 20.37 | ng/ul# | 96 |
| 80) Benzo(a)anthracene | 21.87 | 228 | 36828m | 1.10 | ng/ul | |
| 81) Bis(2-ethylhexyl)phthalate | 21.72 | 149 | 580169 | 34.64 | ng/ul# | 96 |
| 82) Chrysene | 21.94 | 228 | 57742 | 1.84 | ng/ul | 95 |
| 85) Benzo(b)fluoranthene | 24.22 | 252 | 72018 | 2.17 | ng/ul# | 76 |
| 88) Benzo(a)pyrene | 25.16 | 252 | 39740 | 1.25 | ng/ul# | 56 |

UM 12/16/16

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