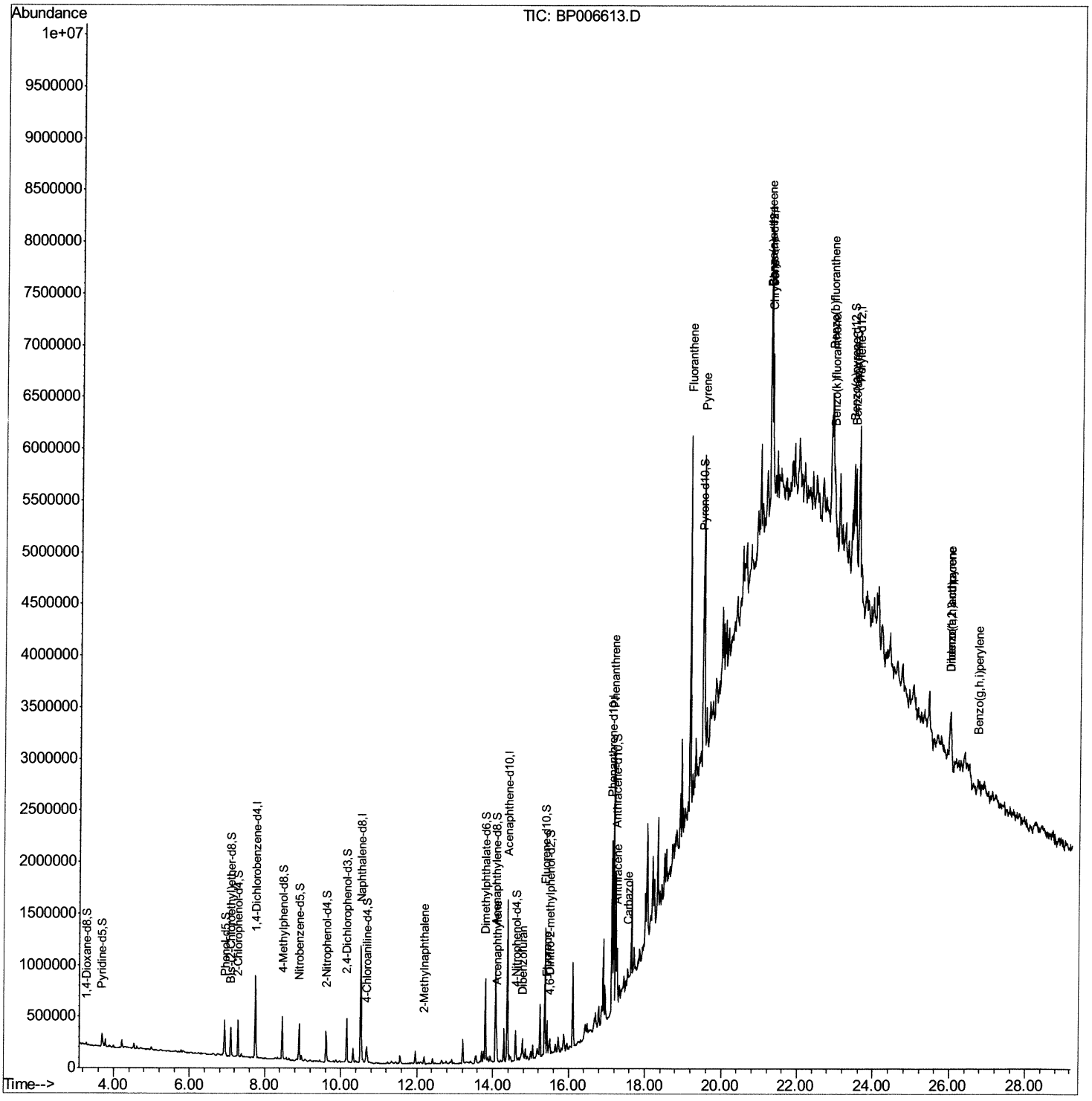
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP080921\
Data File : BP006613.D
Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 09 16:43:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 09 16:04:34 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
C00C0

**Manual Integrations APPROVED**
mohammad
8/11/2021 9:24:11 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP080921\
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Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 09 16:41:05 2021
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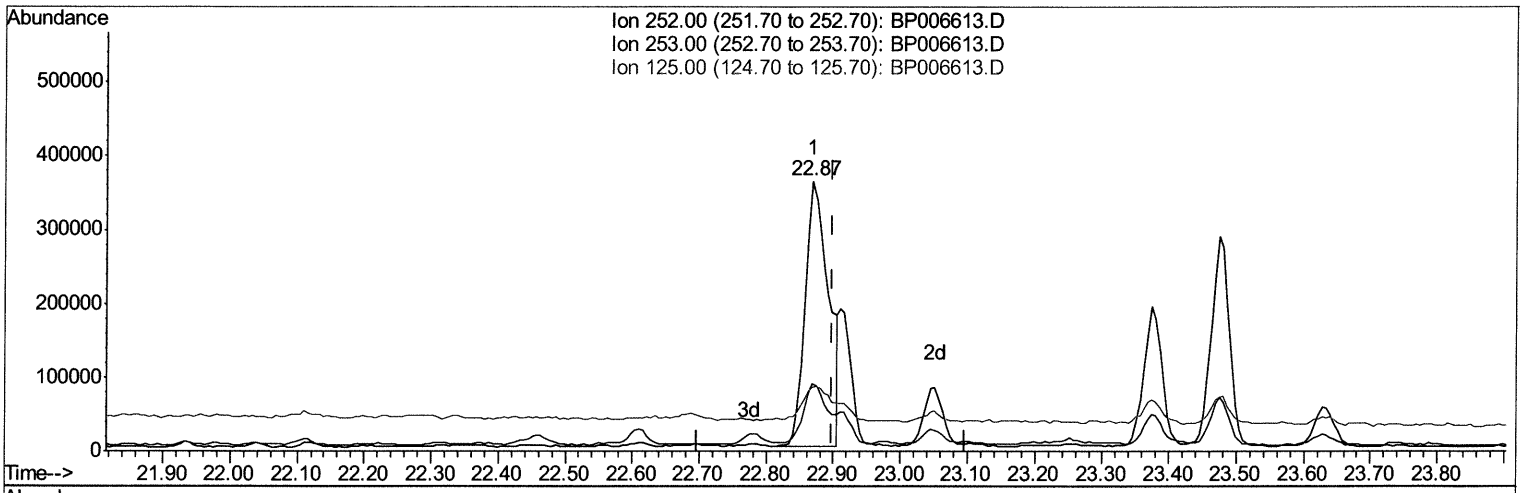
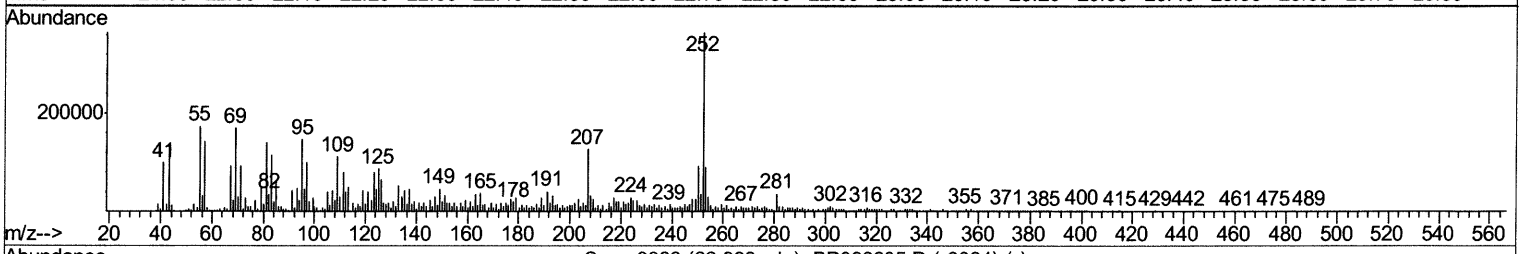
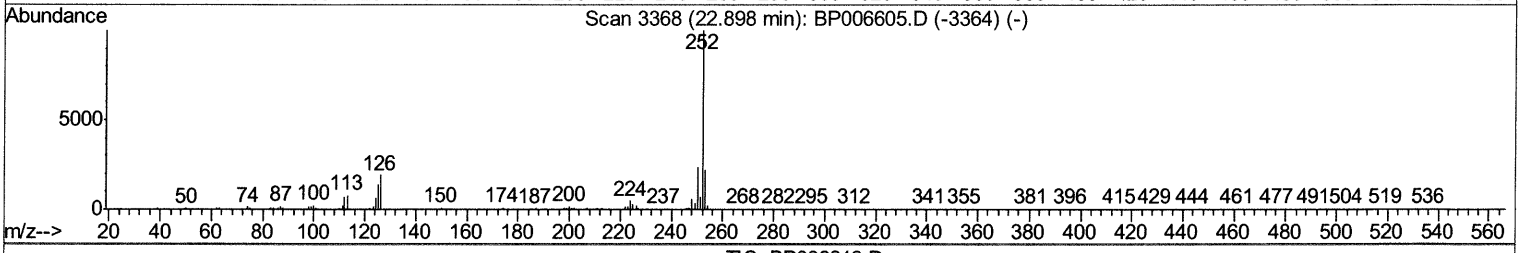
8/11/2021 9:24:11 PM




TIC: BP006613.D

(91) Benzo(k)fluoranthene

22.869min (-0.029) 15.49ng/ul

response 866704

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.10 | 24.81 |
| 125.00 | 12.00 | 23.85# |
| 0.00 | 0.00 | 0.00 |

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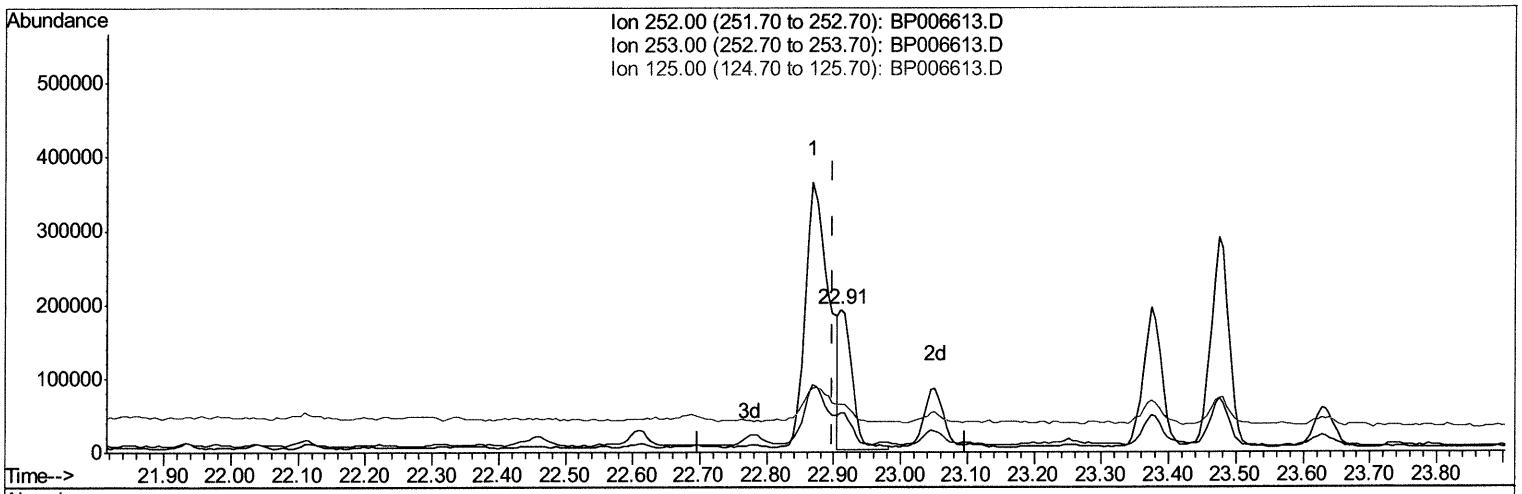
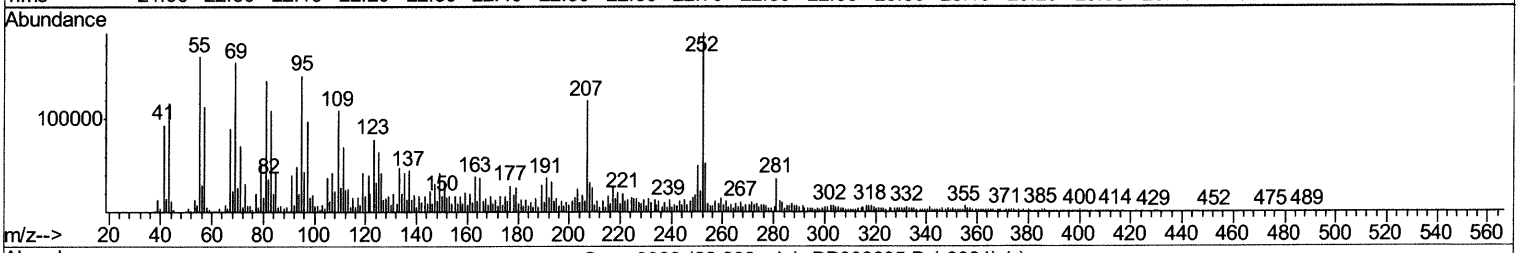
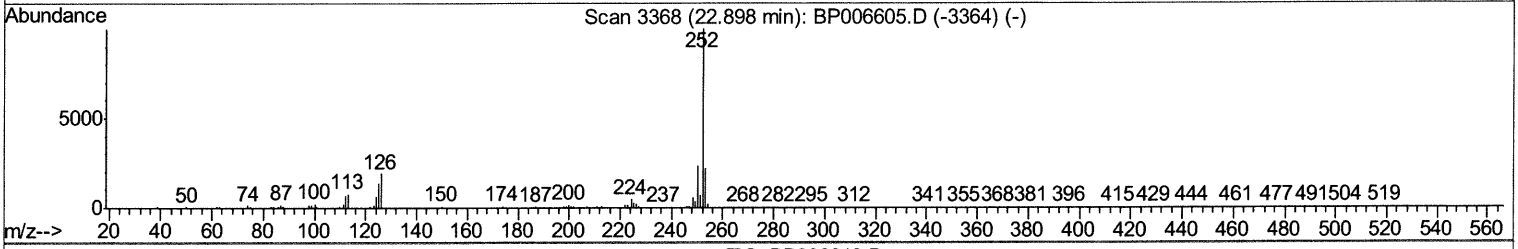
BNA_P
**ClientSampleId :**
C00C0

**Manual Integrations APPROVED**
mohammad
8/11/2021 9:24:11 PM




TIC: BP006613.D

(91) Benzo(k)fluoranthene

22.910min (+0.012) 4.55ng/ul m 08/12/21 JU

response 254572

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.10 | 27.27# |
| 125.00 | 12.00 | 33.82# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00C0

Manual Integrations APPROVED
mohammad
8/11/2021 9:24:11 PM

Quant Time: Aug 09 16:43:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 09 16:04:34 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.75 | 152 | 201247 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.53 | 136 | 873616 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.38 | 164 | 481364 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.13 | 188 | 904088 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.24 | 240 | 859566 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.58 | 264 | 928122 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.28 | 96 | 9702 | 1.80 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.69 | 84 | 90509 | 5.65 | ng/ul | 0.01 |
| 7) Phenol-d5 | 6.93 | 99 | 197526 | 10.45 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.09 | 67 | 129154 | 10.98 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.29 | 132 | 159029 | 11.33 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.46 | 113 | 152939 | 10.29 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.90 | 128 | 81568 | 12.54 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.62 | 143 | 84979 | 13.68 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.16 | 165 | 143826 | 11.82 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.68 | 131 | 98350 | 4.91 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.80 | 166 | 485116 | 14.16 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.07 | 160 | 601419 | 14.29 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.60 | 143 | 57185 | 8.41 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.37 | 176 | 419474 | 14.56 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 26110 | 5.18 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.23 | 188 | 614993 | 15.07 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.48 | 212 | 676149 | 15.29 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.43 | 264 | 666871 | 14.14 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 36) 2-Methylnaphthalene | 12.20 | 142 | 33188 | 1.069 | ng/ul | 100 |
| 50) Acenaphthylene | 14.10 | 152 | 207130 | 5.053 | ng/ul | 99 |
| 56) Dibenzofuran | 14.78 | 168 | 60498 | 1.500 | ng/ul | 95 |
| 61) Fluorene | 15.43 | 166 | 133468 | 4.023 | ng/ul# | 98 |
| 72) Phenanthrene | 17.18 | 178 | 1439448 | 29.651 | ng/ul | 99 |
| 74) Anthracene | 17.27 | 178 | 319732 | 6.495 | ng/ul | 97 |
| 77) Carbazole | 17.55 | 167 | 79941 | 1.775 | ng/ul# | 91 |
| 80) Fluoranthene | 19.16 | 202 | 1818364 | 33.378 | ng/ul | 98 |
| 82) Pyrene | 19.51 | 202 | 1355359 | 23.976 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.23 | 228 | 778088 | 14.608 | ng/ul# | 88 |
| 87) Chrysene | 21.27 | 228 | 729102 | 14.281 | ng/ul# | 94 |
| 90) Benzo(b)fluoranthene | 22.87 | 252 | 866704 | 14.702 | ng/ul# | 86 |
| 91) Benzo(k)fluoranthene | 22.91 | 252 | 254572m > | 4.550 | ng/ul > | 08/12/21 JU |
| 93) Benzo(a)pyrene | 23.47 | 252 | 527040 | 10.228 | ng/ul# | 85 |
| 94) Indeno(1,2,3-cd)pyrene | 25.99 | 276 | 373520 | 5.663 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 26.00 | 278 | 109534 | 1.961 | ng/ul# | 53 |
| 96) Benzo(g,h,i)perylene | 26.74 | 276 | 85090 | 1.561 | ng/ul# | 68 |

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