

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052919\

Data File : BN005925.D

Acq On : 29 May 2019 12:09

Operator : JU/SJ

Sample : K2928-16

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 29 13:42:46 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

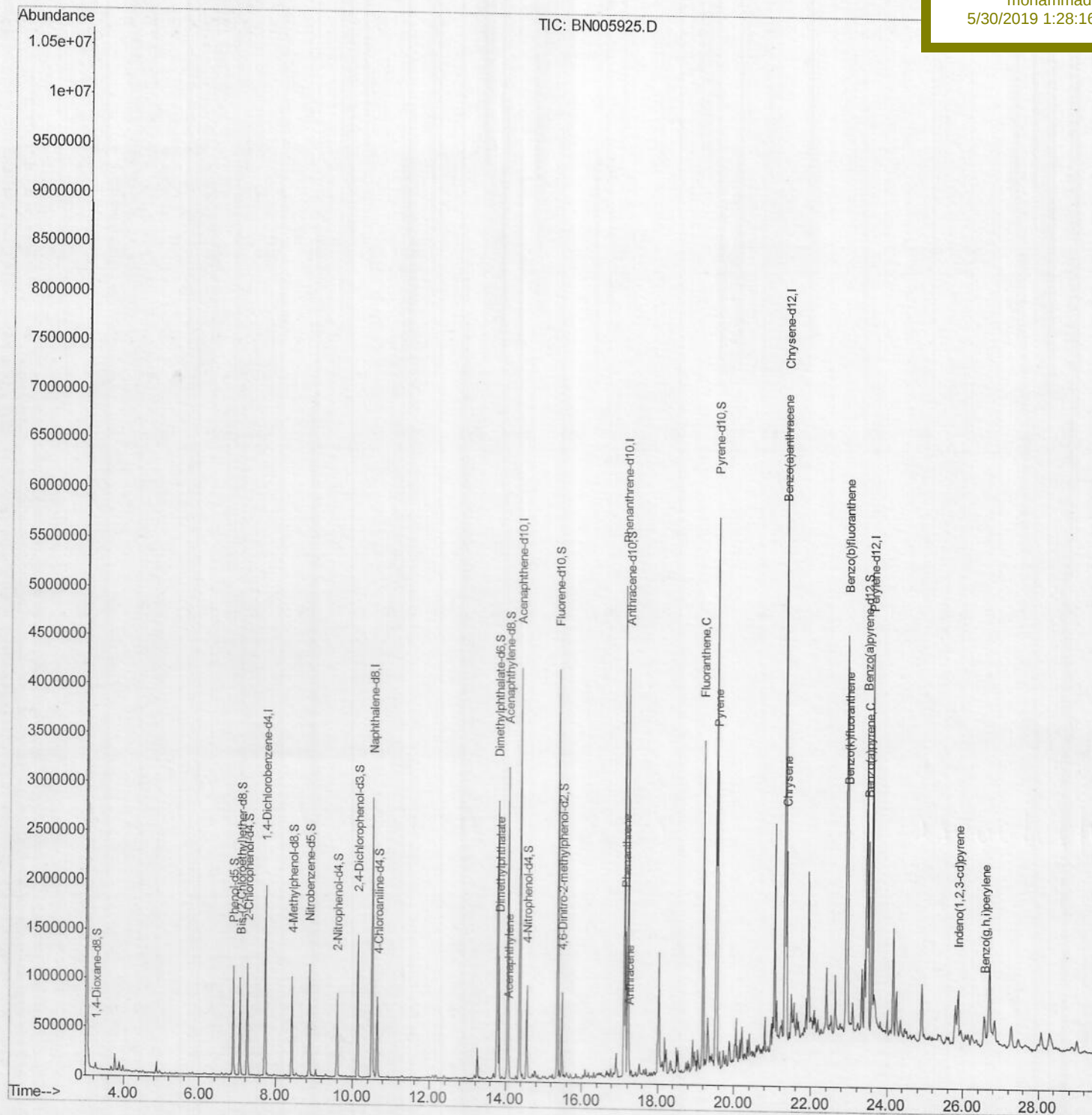
Response via : Initial Calibration

Instrument :

BNA\_N

Client Sampled :

A42D0

Manual Integrations  
APPROVEDmohammad  
5/30/2019 1:28:16 PM

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Acq On : 29 May 2019 12:09

Operator : JU/SJ

Sample : K2928-16

Misc :

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Quant Time: May 29 13:41:00 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

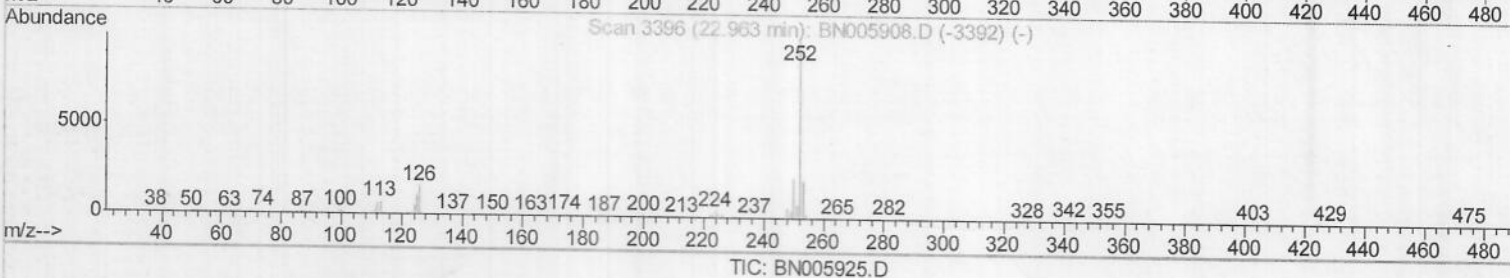
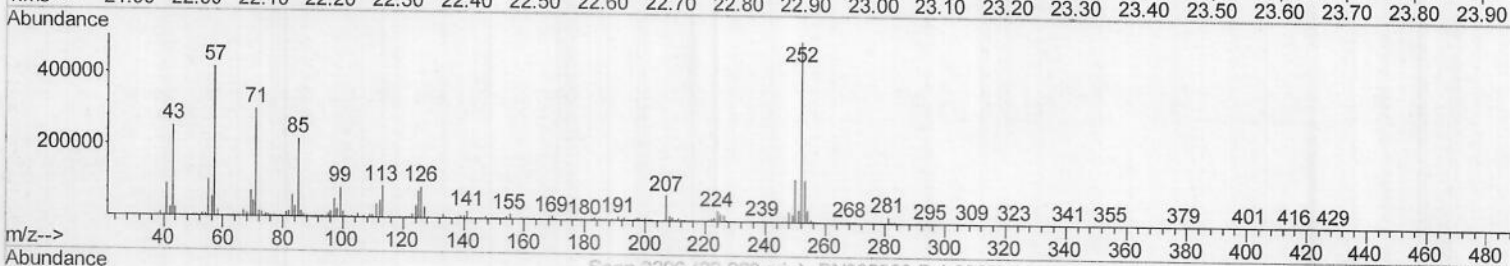
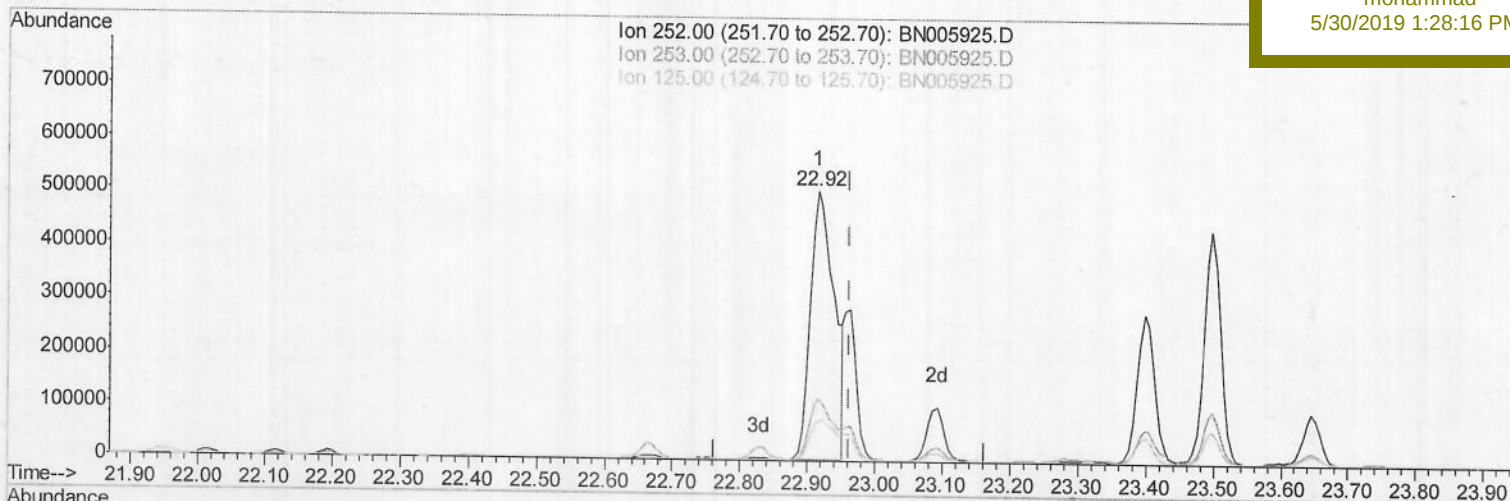
Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

A42D0

Manual Integrations  
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(88) Benzo(k)fluoranthene

22.916min (-0.047) 9.25ng/ul

response 1239718

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.70 | 23.28  |
| 125.00 | 9.40  | 15.12# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052919\

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Misc :

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Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

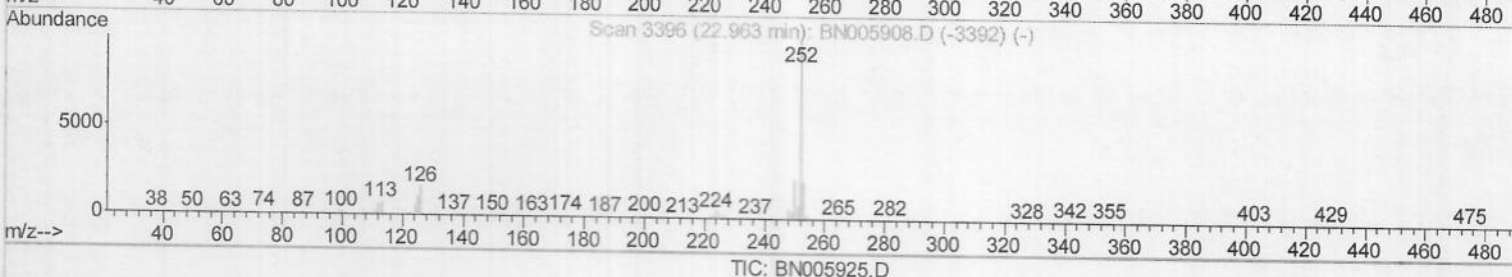
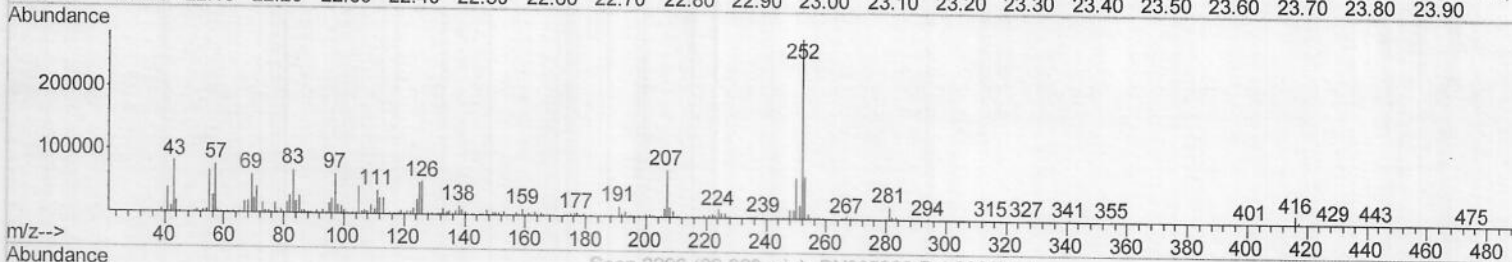
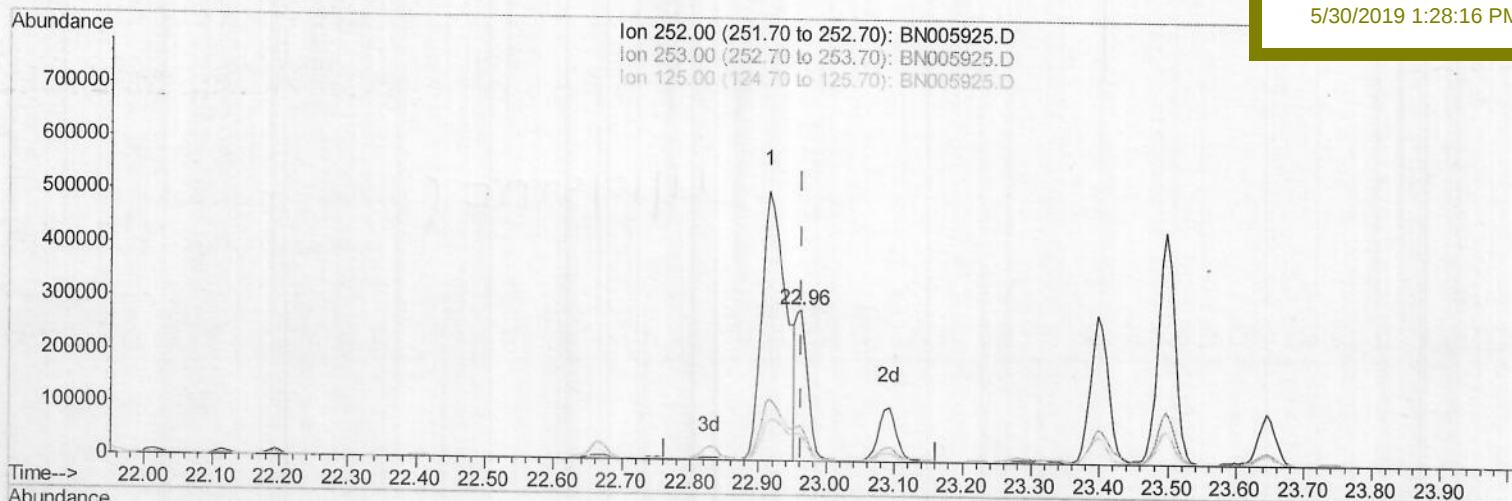
A42D0

Manual Integrations

APPROVED

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(88) Benzo(k)fluoranthene

22.963min (-0.000) 2.62ng/ul m

response 351199

Ion Exp% Act%

252.00 100 100

253.00 21.70 23.53

125.00 9.40 17.99#

0.00 0.00 0.00

JU06/05/19

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 Acq On : 29 May 2019 12:09  
 Operator : JU/SJ  
 Sample : K2928-16  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 29 13:42:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN052819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 29 02:28:30 2019  
 Response via : Initial Calibration

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A42D0

Manual Integrations  
 APPROVED

mohammad  
 5/30/2019 1:28:16 PM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 497388   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.51 | 136  | 2282507  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.37 | 164  | 1322113  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.12 | 188  | 2878906  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.33 | 240  | 2630508  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.60 | 264  | 2594513  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 31539   | 2.79  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.89  | 99  | 638968  | 14.49 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 424439  | 16.87 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.26  | 132 | 512772  | 15.27 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.42  | 113 | 368780  | 10.36 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.88  | 128 | 258533  | 17.65 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.60  | 143 | 259953  | 19.05 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.13 | 165 | 516758  | 16.04 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 440874  | 10.44 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.78 | 166 | 1862847 | 19.11 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.06 | 160 | 2137087 | 17.53 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.56 | 143 | 207299  | 11.69 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.36 | 176 | 1535719 | 18.79 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.48 | 200 | 154794  | 13.19 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.22 | 188 | 2197687 | 17.94 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.52 | 212 | 2486003 | 18.71 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.45 | 264 | 2109405 | 18.22 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |          |               | Qvalue |
|----------------------------|-------|-----|----------|---------------|--------|
| 44) Dimethylphthalate      | 13.82 | 163 | 762536   | 7.828 ng/ul   | 99     |
| 47) Acenaphthylene         | 14.09 | 152 | 131074   | 1.096 ng/ul   | 99     |
| 69) Phenanthrene           | 17.16 | 178 | 849949   | 5.959 ng/ul   | 99     |
| 71) Anthracene             | 17.25 | 178 | 151184   | 1.044 ng/ul   | 98     |
| 76) Fluoranthene           | 19.19 | 202 | 1868591  | 12.271 ng/ul# | 94     |
| 79) Pyrene                 | 19.55 | 202 | 1657135  | 9.945 ng/ul#  | 94     |
| 82) Benzo(a)anthracene     | 21.32 | 228 | 896319   | 5.420 ng/ul   | 94     |
| 84) Chrysene               | 21.37 | 228 | 972269   | 6.304 ng/ul   | 97     |
| 87) Benzo(b)fluoranthene   | 22.92 | 252 | 1239718  | 8.507 ng/ul#  | 94     |
| 88) Benzo(k)fluoranthene   | 22.96 | 252 | 351199m) | 2.621 ng/ul   |        |
| 90) Benzo(a)pyrene         | 23.50 | 252 | 744549   | 5.418 ng/ul#  | 95     |
| 91) Indeno(1,2,3-cd)pyrene | 25.87 | 276 | 428473   | 2.657 ng/ul#  | 94     |
| 93) Benzo(g,h,i)perylene   | 26.56 | 276 | 315753   | 2.325 ng/ul#  | 94     |

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