

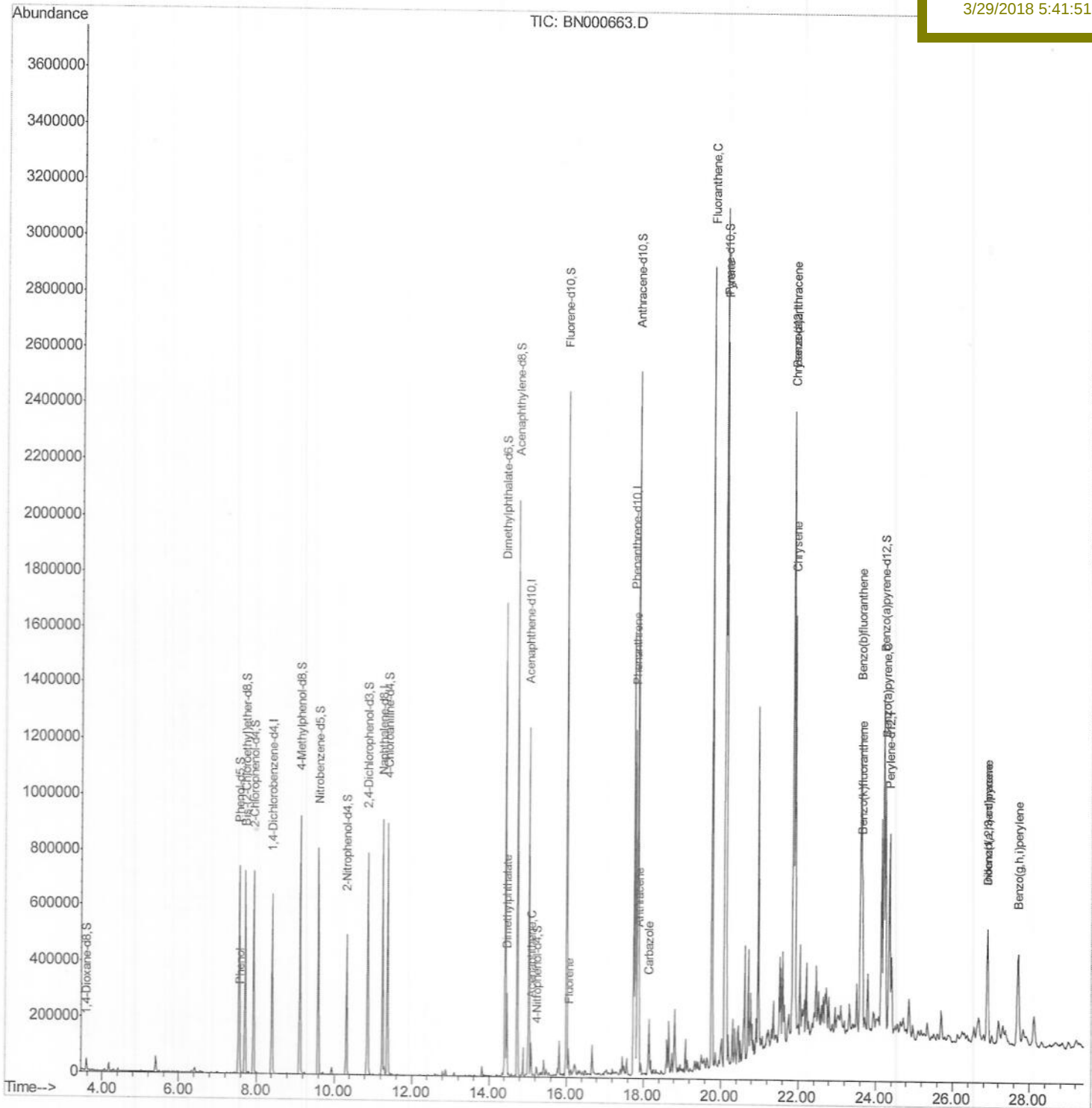
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032818\  
Data File : BN000663.D  
Acq On : 28 Mar 2018 17:28  
Operator : JU/SJ  
Sample : J2060-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 29 08:18:49 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 29 07:07:58 2018  
Response via : Initial Calibration

Instrument :  
BNA\_N  
Client Sampled :  
C0AT2

Manual Integrations  
APPROVED

Sohil  
3/29/2018 5:41:51 PM



# Quantitation Report (Qedit)

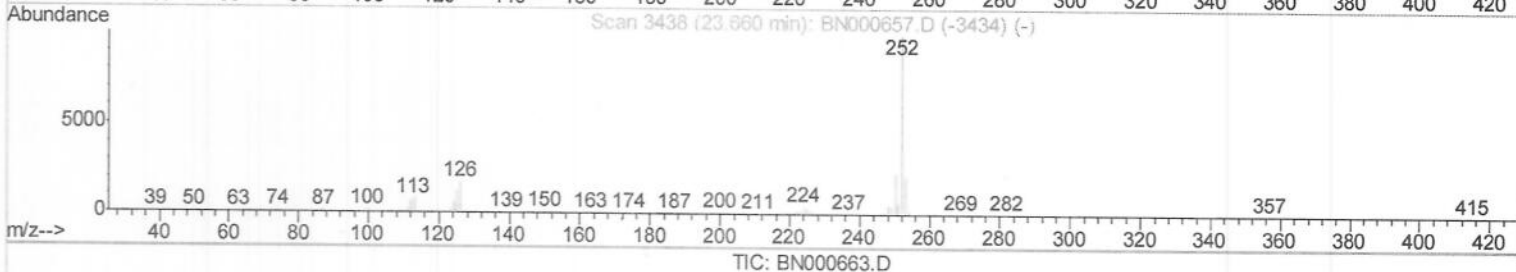
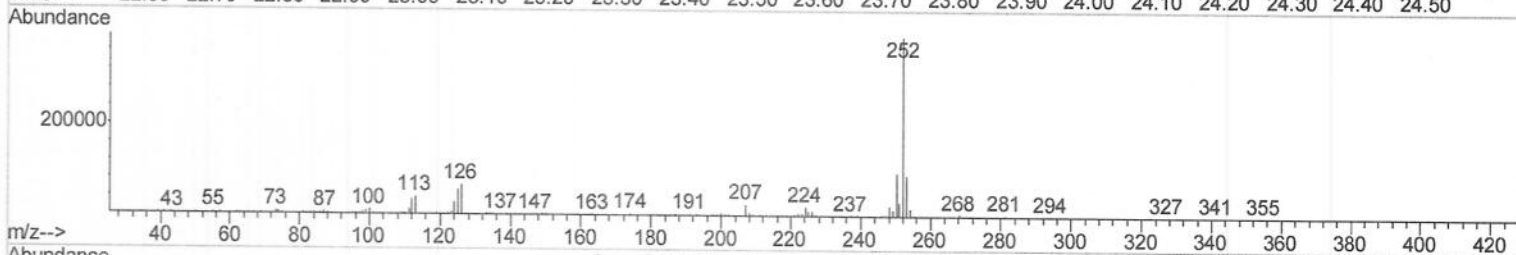
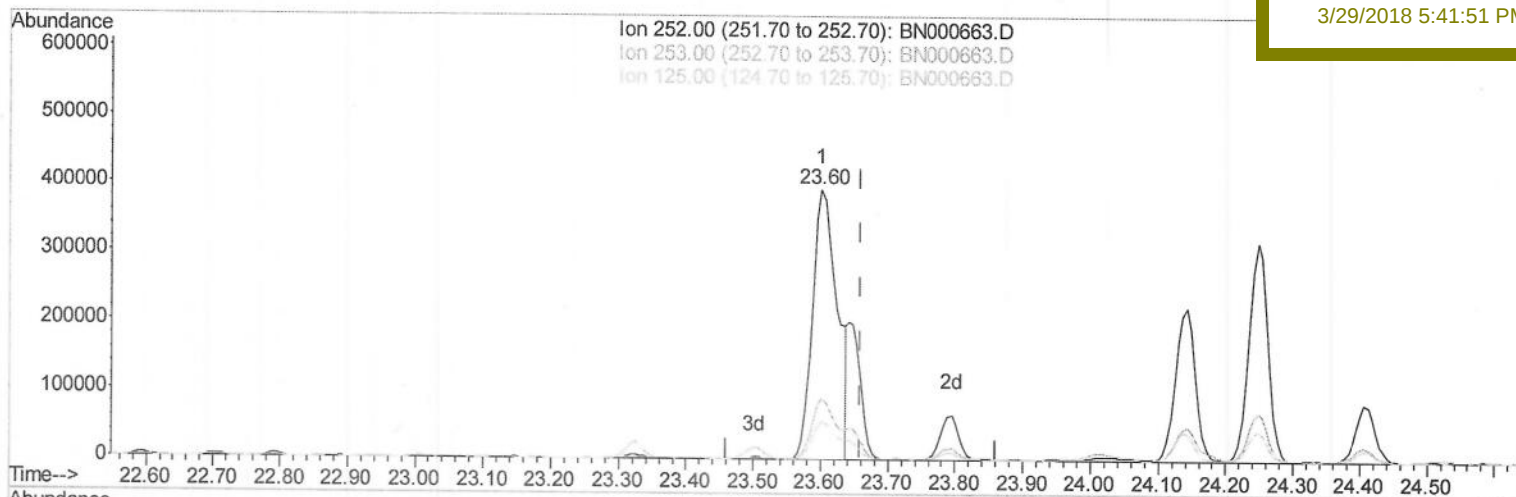
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 Acq On : 28 Mar 2018 17:28  
 Operator : JU/SJ  
 Sample : J2060-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 29 07:10:28 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 29 07:07:58 2018  
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 C0AT2

Manual Integrations  
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 3/29/2018 5:41:51 PM



TIC: BN000663.D

(86) Benzo(k)fluoranthene  
 23.601min (-0.059) 31.67ng/ul  
 response 995363  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 22.52  |
| 125.00 | 6.70  | 14.00# |
| 0.00   | 0.00  | 0.00   |

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Data Path : Z:\HPCHEM1\BNA N\DATA\BN032818\

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Misc :

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Quant Title : SVOA CALIBRATION

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Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

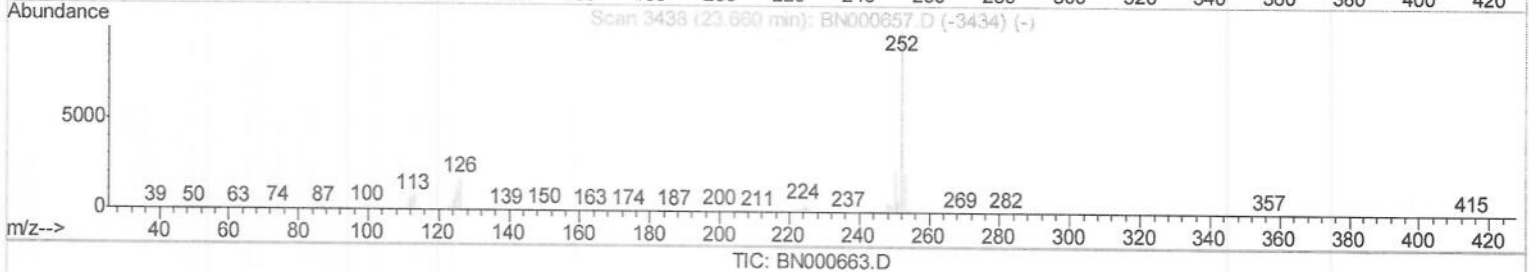
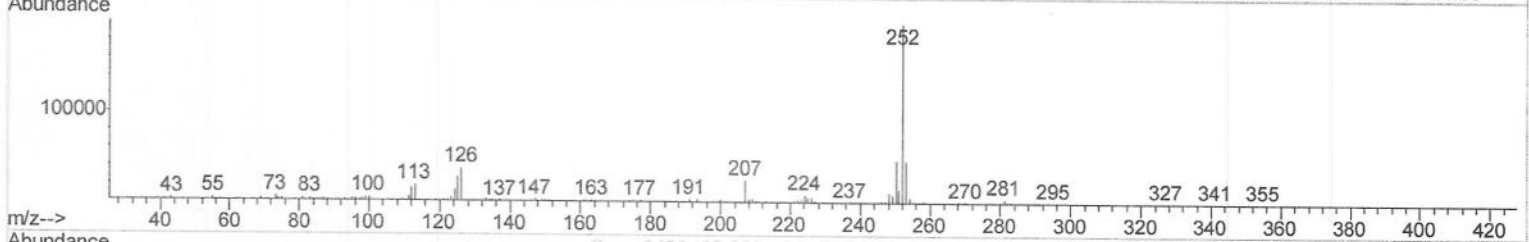
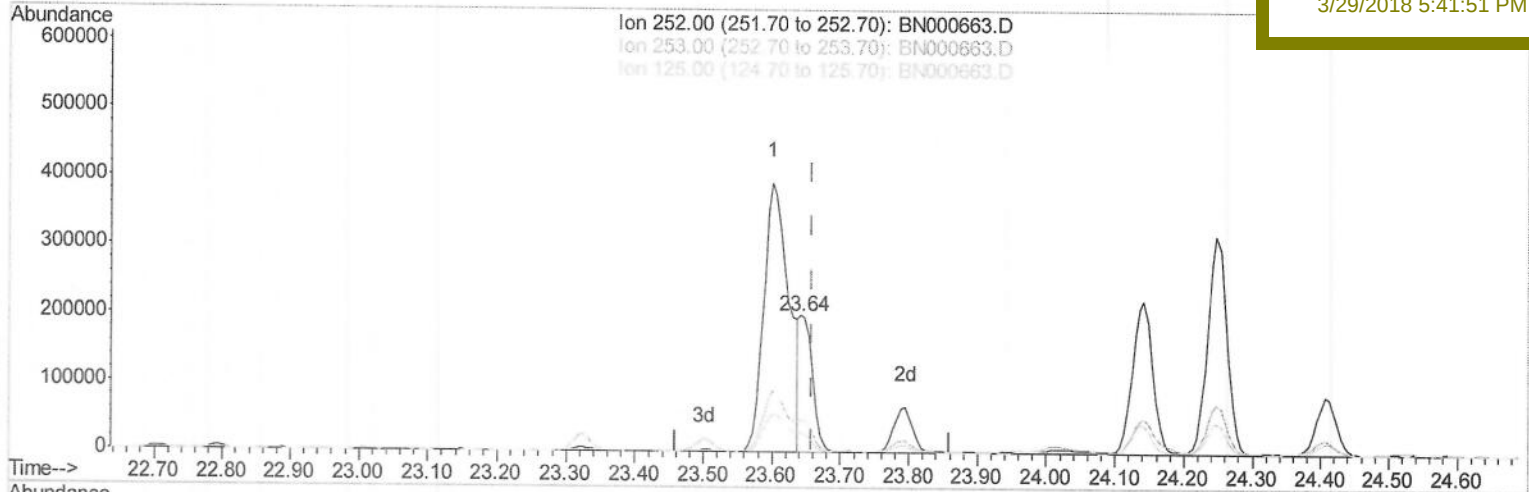
C0AT2

Manual Integrations

APPROVED

Sohil

3/29/2018 5:41:51 PM



(86) Benzo(k)fluoranthene

23.642min (-0.018) 8.61ng/ul m ) SJ3130118

response 270769

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 23.67  |
| 125.00 | 6.70  | 14.07# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032818\  
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 Sample : J2060-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AT2

Manual Integrations  
 APPROVED

Sohil  
 3/29/2018 5:41:51 PM

Quant Time: Mar 29 08:18:49 2018  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 29 07:07:58 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.41  | 152  | 170559   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.25 | 136  | 760386   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.02 | 164  | 412238   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.75 | 188  | 839067   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.88 | 240  | 665410   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.35 | 264  | 515247   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.58  | 96  | 25259   | 5.29  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.55  | 99  | 484688  | 30.46 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.71  | 67  | 321985  | 35.08 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.93  | 132 | 340434  | 28.29 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.12  | 113 | 367380  | 29.64 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.59  | 128 | 197362  | 31.96 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.32 | 143 | 160973  | 25.16 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.87 | 165 | 286814  | 25.01 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.38 | 131 | 499295  | 42.42 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.42 | 166 | 1100664 | 33.80 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.72 | 160 | 1429647 | 33.27 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.24 | 143 | 8944    | 1.48  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 16.01 | 176 | 928926  | 33.47 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.13 | 200 | 3951    | 0.82  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.85 | 188 | 1345497 | 33.36 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.11 | 212 | 1350813 | 36.77 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.20 | 264 | 838477  | 34.48 | ng/ul | 0.00 |

## Target Compounds

| Target Compounds           | R.T.  | QIon | Response  | Conc   | Units  | Ovalue     |
|----------------------------|-------|------|-----------|--------|--------|------------|
| 6) Phenol                  | 7.58  | 94   | 24736     | 1.524  | ng/ul  | 99         |
| 44) Dimethylphthalate      | 14.46 | 163  | 165879    | 5.149  | ng/ul# | 98         |
| 49) Acenaphthene           | 15.09 | 153  | 43999     | 1.533  | ng/ul  | 98         |
| 58) Fluorene               | 16.07 | 166  | 40466     | 1.306  | ng/ul  | 97         |
| 69) Phenanthrene           | 17.80 | 178  | 690007    | 14.274 | ng/ul  | 100        |
| 71) Anthracene             | 17.88 | 178  | 199986    | 4.035  | ng/ul  | 98         |
| 72) Carbazole              | 18.15 | 167  | 110991    | 2.611  | ng/ul  | 98         |
| 74) Fluoranthene           | 19.78 | 202  | 1577437   | 32.840 | ng/ul# | 80         |
| 77) Pyrene                 | 20.14 | 202  | 1443034   | 29.691 | ng/ul# | 76         |
| 80) Benzo(a)anthracene     | 21.86 | 228  | 879377    | 19.835 | ng/ul  | 100        |
| 82) Chrysene               | 21.92 | 228  | 849388    | 20.436 | ng/ul  | 98         |
| 85) Benzo(b)fluoranthene   | 23.60 | 252  | 995363    | 30.573 | ng/ul# | 94         |
| 86) Benzo(k)fluoranthene   | 23.64 | 252  | 270769m ) | 8.615  | ng/ul  | 95 3130118 |
| 88) Benzo(a)pyrene         | 24.25 | 252  | 621772    | 20.292 | ng/ul# | 93         |
| 89) Indeno(1,2,3-cd)pyrene | 26.91 | 276  | 384733    | 11.645 | ng/ul# | 86         |
| 90) Dibenzo(a,h)anthracene | 26.90 | 278  | 102372    | 3.719  | ng/ul# | 88         |
| 91) Benzo(g,h,i)perylene   | 27.71 | 276  | 377585    | 13.752 | ng/ul# | 87         |

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