

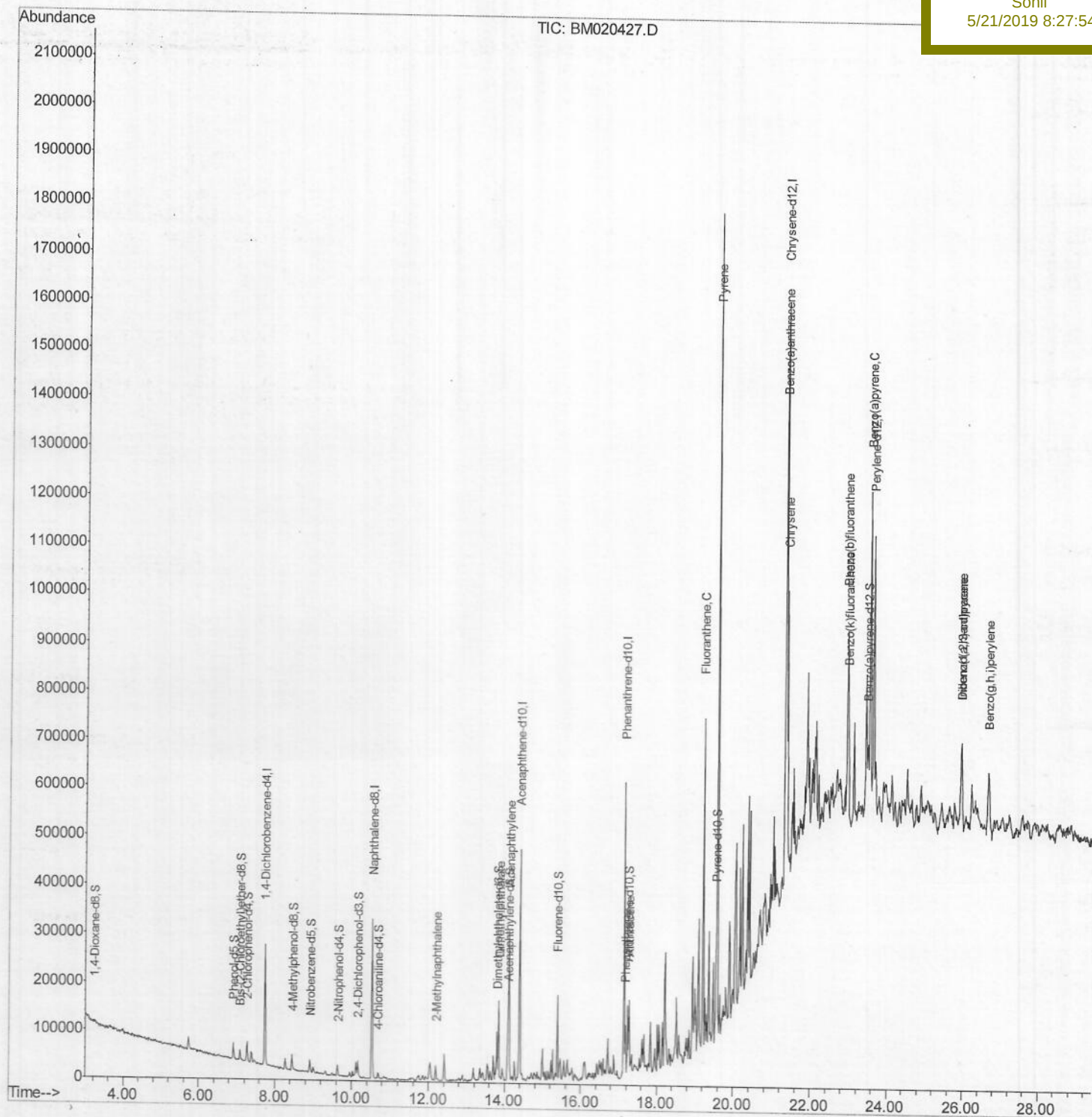
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM052019\  
Data File : BM020427.D  
Acq On : 20 May 2019 12:18  
Operator : JU/SJ  
Sample : K2633-08DL 5X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 21 03:54:14 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051619MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat May 18 05:13:49 2019  
Response via : Initial Calibration

Instrument :  
BNA\_M  
Client Sampled :  
GAJA0DL

Manual Integrations  
APPROVED

Sohil  
5/21/2019 8:27:54 AM



# Quantitation Report (Qedit)

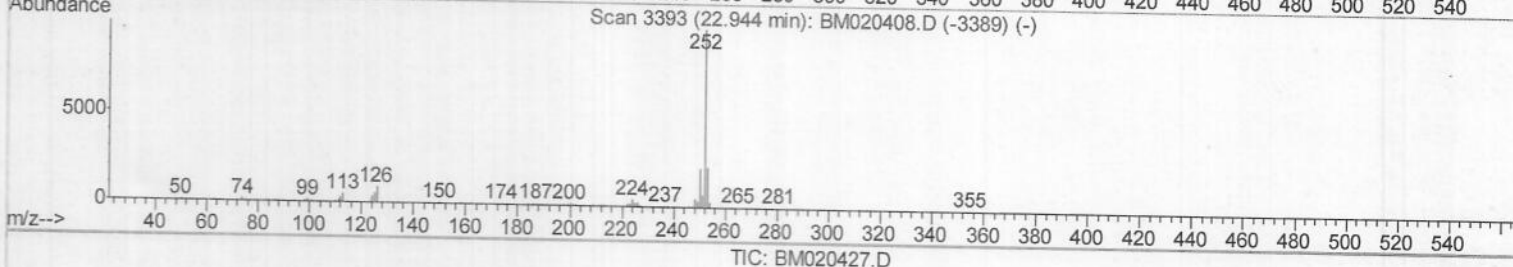
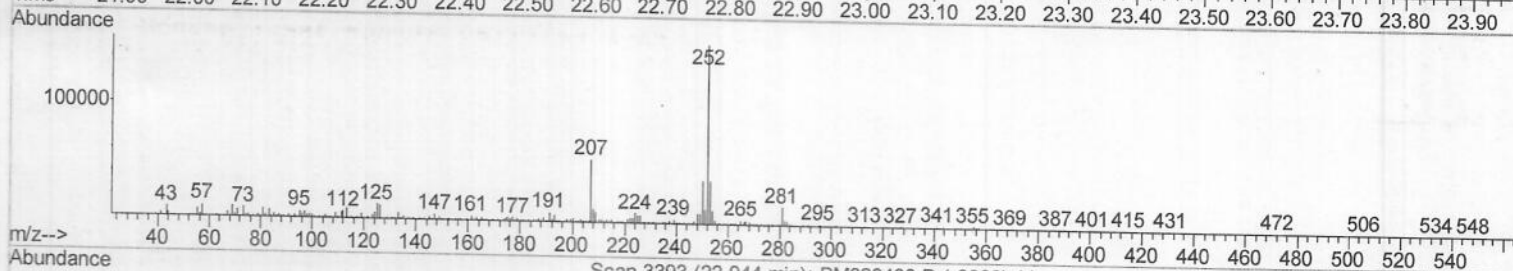
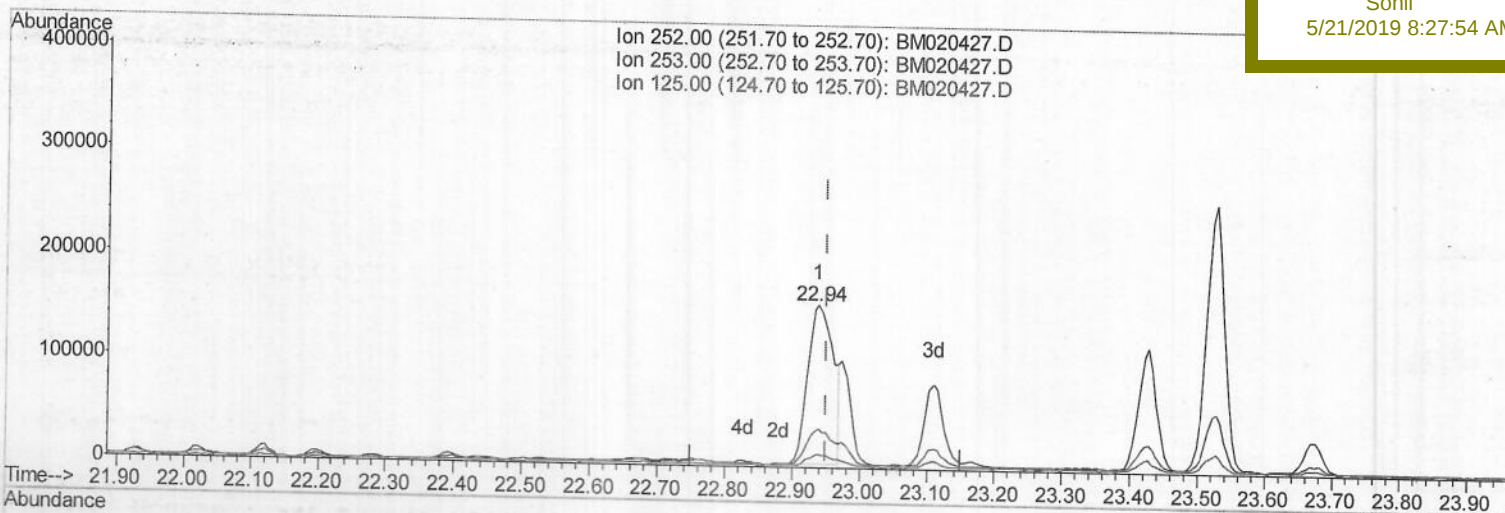
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM052019\  
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Quant Time: May 21 02:23:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051619MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat May 18 05:13:49 2019  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 Client Sampled :  
 GAJA0DL

Manual Integrations  
 APPROVED

Sohil  
 5/21/2019 8:27:54 AM



(88) Benzo(k)fluoranthene  
 22.939min (-0.012) 17.37ng/ul  
 response 409465  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.00 | 23.91 |
| 125.00 | 6.30  | 8.09# |
| 0.00   | 0.00  | 0.00  |

TIC: BM020427.D

# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM052019\

Data File : BM020427.D

Acq On : 20 May 2019 12:18

Operator : JU/SJ

Sample : K2633-08DL 5X

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 21 02:23:07 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

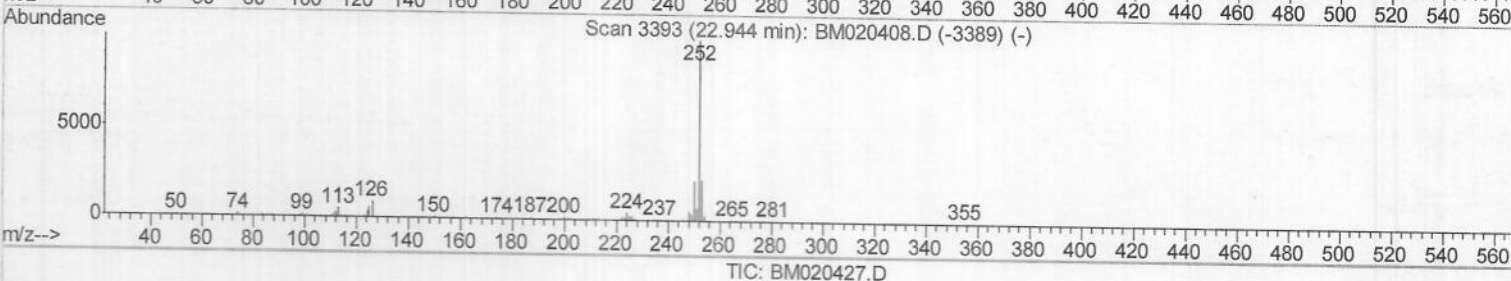
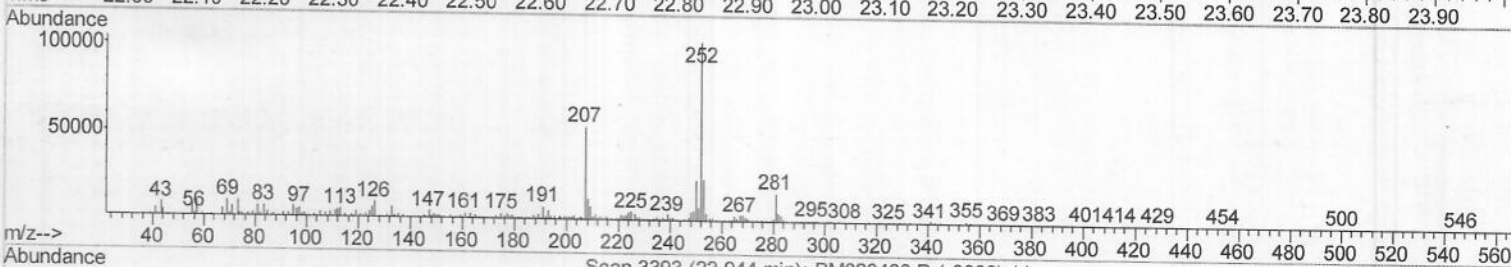
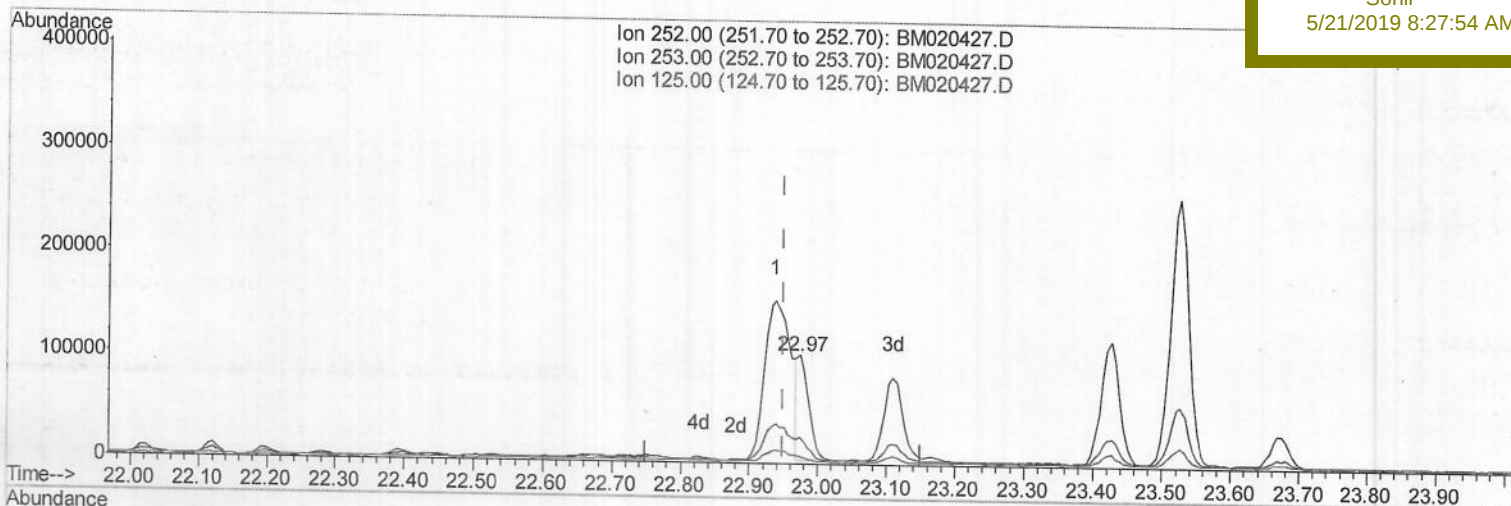
GAJA0DL

Manual Integrations

APPROVED

Sohil

5/21/2019 8:27:54 AM



TIC: BM020427.D

(88) Benzo(k)fluoranthene

22.974min (+0.024) 4.52ng/ul m

response 106655

Ion Exp% Act%

252.00 100 100

253.00 22.00 23.65

125.00 6.30 6.77

0.00 0.00 0.00

J. u  
05/21/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM052019\  
 Data File : BM020427.D  
 Acq On : 20 May 2019 12:18  
 Operator : JU/SJ  
 Sample : K2633-08DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GAJA0DL

Manual Integrations  
 APPROVED

Sohil  
 5/21/2019 8:27:54 AM

Quant Time: May 21 03:54:14 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051619MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat May 18 05:13:49 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 70833    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.53 | 136  | 267666   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.39 | 164  | 155969   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.14 | 188  | 366113   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.34 | 240  | 367116   | 20.00 | ng/ul | 0.02     |
| 85) Perylene-d12          | 23.62 | 264  | 420578   | 20.00 | ng/ul | 0.03     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 1994   | 1.04 | ng/uL | 0.01 |
| 5) Phenol-d5                   | 6.91  | 99  | 22942  | 4.06 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.08  | 67  | 14644  | 4.08 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.26  | 132 | 18653  | 4.50 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.45  | 113 | 16444  | 4.00 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.91  | 128 | 7445   | 4.27 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.62  | 143 | 7686   | 4.00 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.16 | 165 | 17489  | 4.31 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.69 | 131 | 9017   | 2.15 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.80 | 166 | 58642  | 5.23 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.08 | 160 | 73782  | 5.26 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.64 | 143 | 1218   | 0.75 | ng/ul | 0.04 |
| 57) Fluorene-d10               | 15.39 | 176 | 53901  | 5.40 | ng/ul | 0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 1031   | 0.49 | ng/ul | 0.02 |
| 70) Anthracene-d10             | 17.24 | 188 | 87654  | 5.58 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.54 | 212 | 94983  | 5.37 | ng/ul | 0.02 |
| 89) Benzo(a)pyrene-d12         | 23.47 | 264 | 100346 | 5.25 | ng/ul | 0.03 |

## Target Compounds

|                            |       |     |         |        | Qvalue |     |
|----------------------------|-------|-----|---------|--------|--------|-----|
| 34) 2-Methylnaphthalene    | 12.20 | 142 | 16371   | 1.839  | ng/ul  | 87  |
| 44) Dimethylphthalate      | 13.85 | 163 | 16195   | 1.459  | ng/ul# | 98  |
| 47) Acenaphthylene         | 14.11 | 152 | 217550  | 16.436 | ng/ul  | 100 |
| 69) Phenanthrene           | 17.19 | 178 | 53594   | 3.072  | ng/ul  | 99  |
| 71) Anthracene             | 17.27 | 178 | 93281   | 5.257  | ng/ul  | 98  |
| 76) Fluoranthene           | 19.20 | 202 | 373752  | 16.961 | ng/ul  | 99  |
| 79) Pyrene                 | 19.57 | 202 | 1000201 | 45.391 | ng/ul  | 99  |
| 82) Benzo(a)anthracene     | 21.32 | 228 | 358194  | 16.211 | ng/ul# | 91  |
| 84) Chrysene               | 21.37 | 228 | 338938  | 16.051 | ng/ul  | 93  |
| 87) Benzo(b)fluoranthene   | 22.94 | 252 | 409465  | 17.059 | ng/ul# | 94  |
| 88) Benzo(k)fluoranthene   | 22.97 | 252 | 106655m | 4.524  | ng/ul  |     |
| 90) Benzo(a)pyrene         | 23.53 | 252 | 471084  | 20.854 | ng/ul  | 99  |
| 91) Indeno(1,2,3-cd)pyrene | 25.94 | 276 | 186986  | 7.264  | ng/ul  | 96  |
| 92) Dibenzo(a,h)anthracene | 25.94 | 278 | 65674   | 2.984  | ng/ul# | 77  |
| 93) Benzo(g,h,i)perylene   | 26.66 | 276 | 144792  | 6.796  | ng/ul  | 95  |

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