

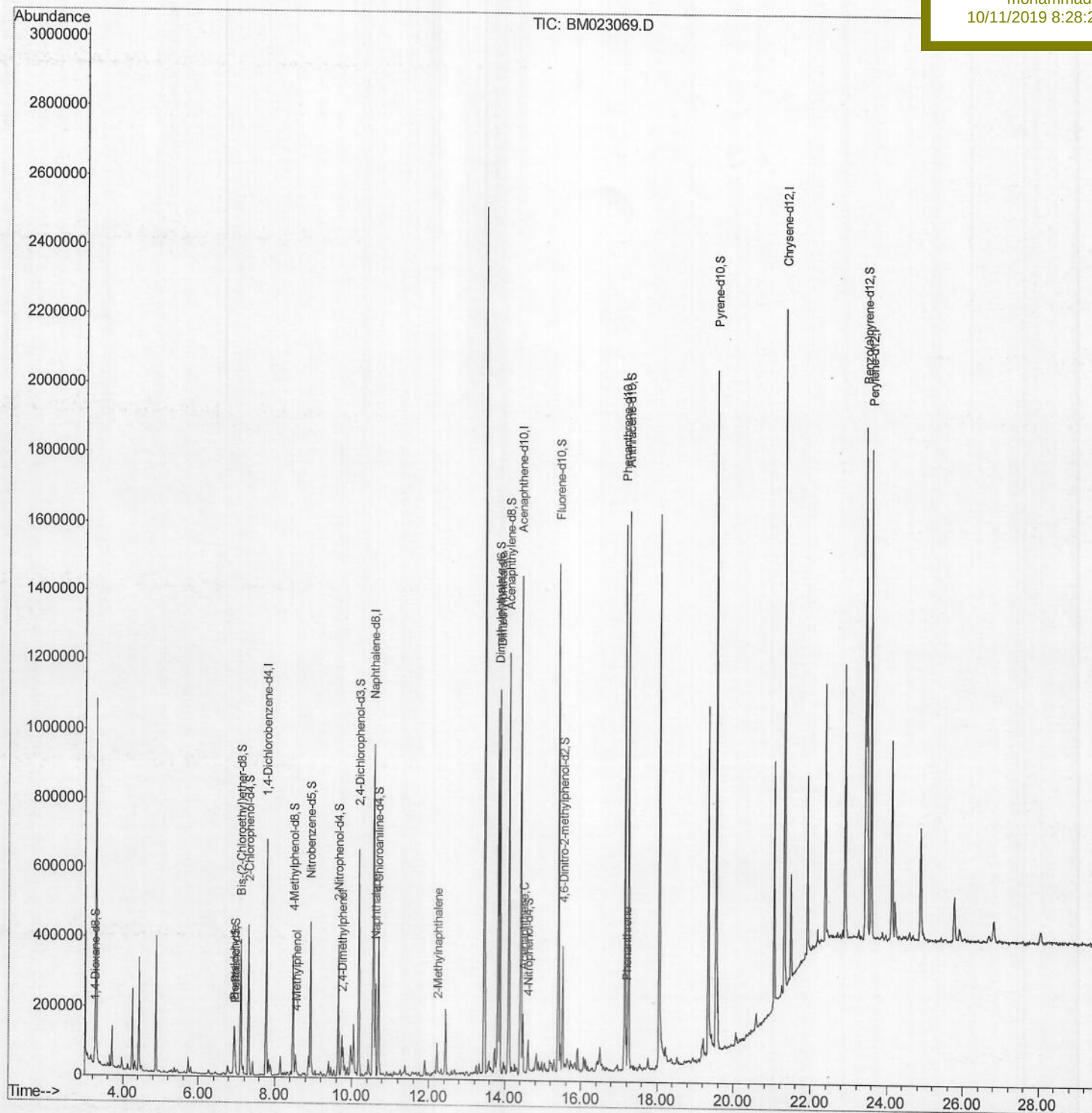
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\  
Data File : BM023069.D  
Acq On : 09 Oct 2019 05:59  
Operator : JU  
Sample : K5028-05  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Oct 09 06:56:04 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 09 05:18:32 2019  
Response via : Initial Calibration

Instrument :  
BNA\_M  
Client Sample ID :  
BFDK6

Manual Integrations  
APPROVED

mohammad  
10/11/2019 8:28:28 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\

Data File : BM023069.D

Acq On : 09 Oct 2019 05:59

Operator : JU

Sample : K5028-05

Misc :

ALS Vial : 36 Sample Multiplier: 1

Quant Time: Oct 09 06:40:16 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 05:18:32 2019

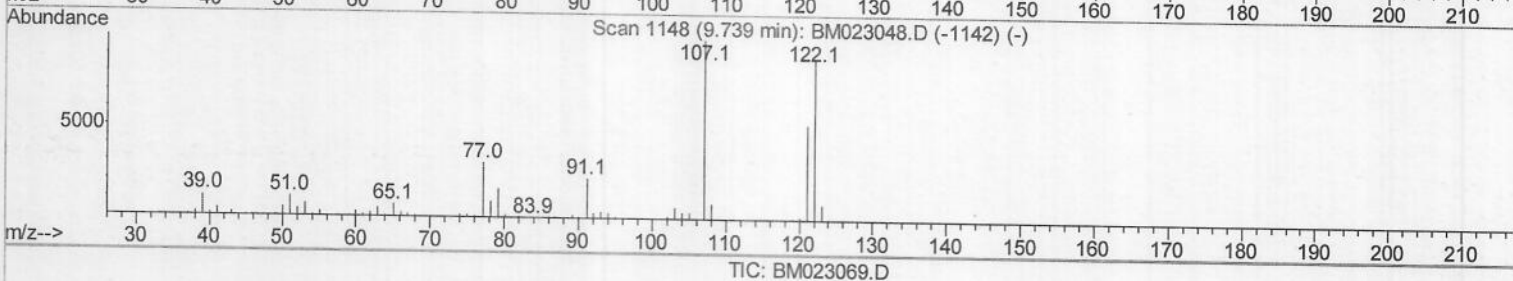
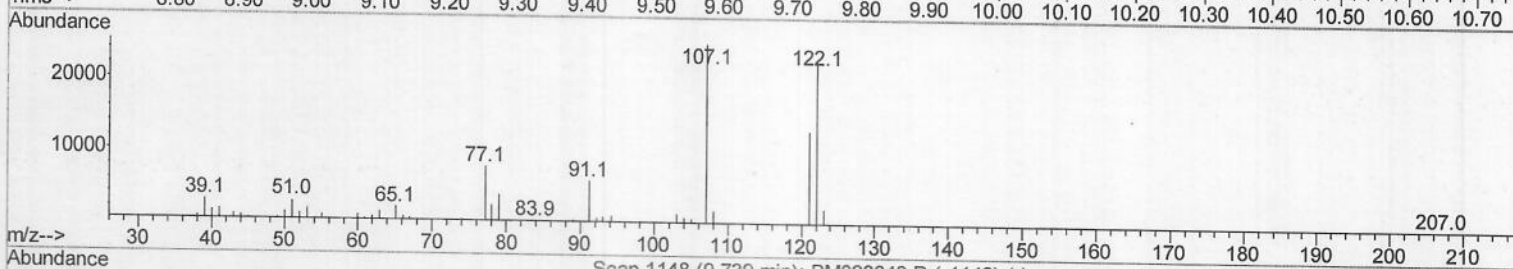
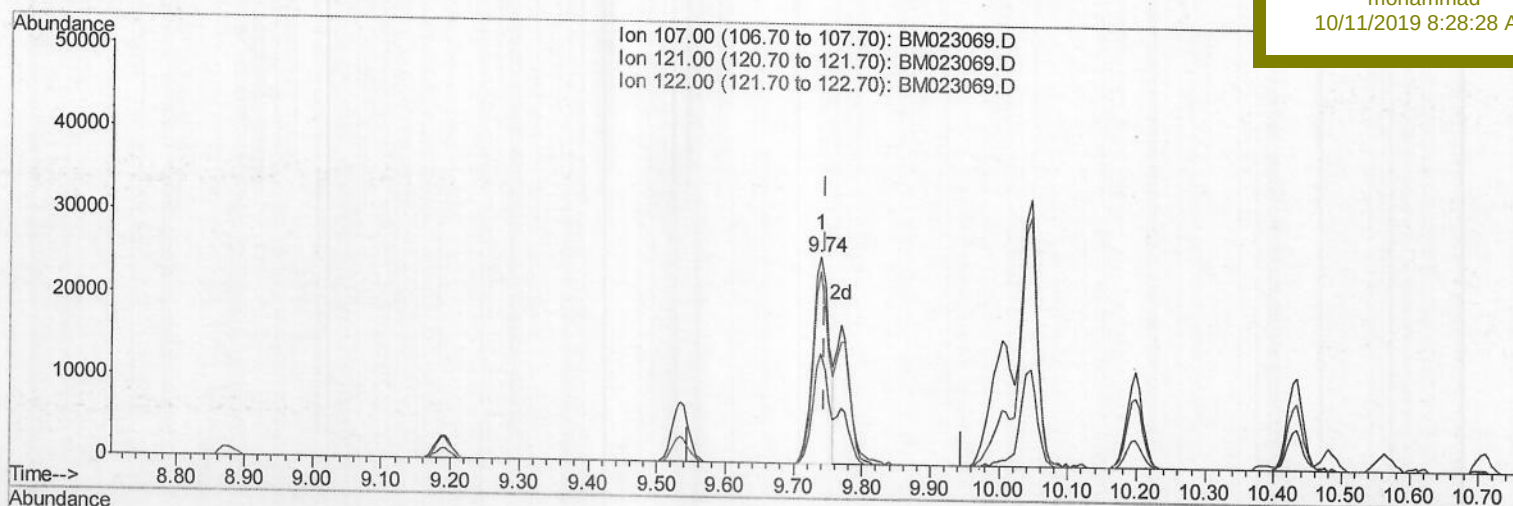
Response via : Initial Calibration

Instrument :

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Manual Integrations  
APPROVEDmohammad  
10/11/2019 8:28:28 AM

TIC: BM023069.D

(24) 2,4-Dimethylphenol

9.739min (-0.006) 2.83ng/ul

response 42159

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 107.00 | 100   | 100   |
| 121.00 | 53.70 | 52.86 |
| 122.00 | 89.20 | 92.63 |
| 0.00   | 0.00  | 0.00  |



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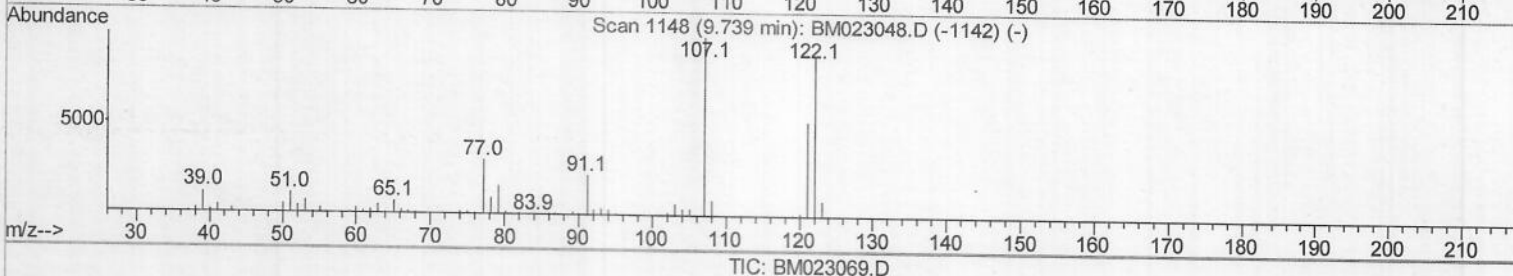
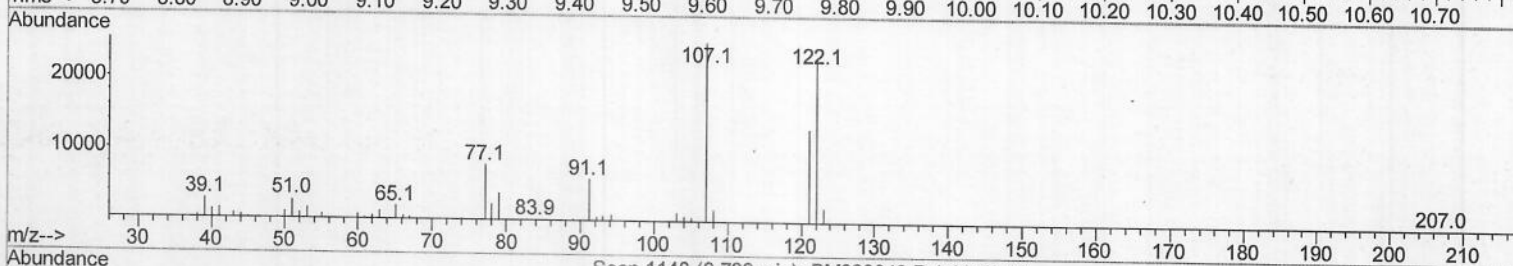
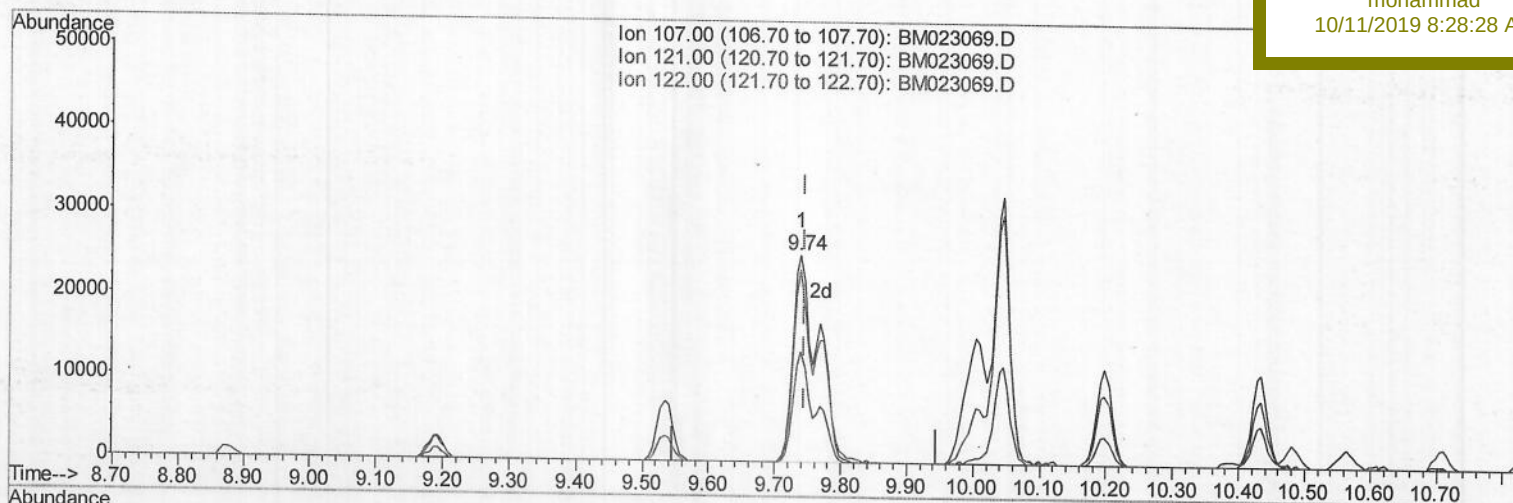
Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

BFDK6

Manual Integrations  
APPROVEDmohammad  
10/11/2019 8:28:28 AM

(24) 2,4-Dimethylphenol

9.739min (-0.006) 4.38ng/ul m

response 65272

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 107.00 | 100   | 100   |
| 121.00 | 53.70 | 52.86 |
| 122.00 | 89.20 | 92.63 |
| 0.00   | 0.00  | 0.00  |

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 Data File : BM023069.D  
 Acq On : 09 Oct 2019 05:59  
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 Sample : K5028-05  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFDK6

Quant Time: Oct 09 06:56:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 09 05:18:32 2019  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

mohammad  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 190542   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.56 | 136  | 794456   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.41 | 164  | 457141   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.15 | 188  | 871529   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.33 | 240  | 842074   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.58 | 264  | 987329   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96   | 23090    | 5.24  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.94  | 99   | 72360    | 4.30  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl) ether-d | 7.10  | 67   | 163445   | 17.74 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.30  | 132  | 199204   | 14.69 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.47  | 113  | 130816   | 9.49  | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.93  | 128  | 114402   | 18.66 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.65  | 143  | 125088   | 18.68 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.18 | 165  | 233419   | 17.51 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.70 | 131  | 236054   | 14.58 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.82 | 166  | 719622   | 20.28 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.10 | 160  | 805351   | 19.66 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.60 | 143  | 23366    | 3.33  | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.40 | 176  | 583147   | 19.28 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 200  | 71510    | 12.61 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.24 | 188  | 870580   | 20.46 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.54 | 212  | 955690   | 21.09 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.43 | 264  | 1065704  | 20.86 | ng/ul | -0.01    |

| Target Compounds        | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) | Ovalue |
|-------------------------|-------|------|----------|--------|--------|----------|--------|
| 4) Benzaldehyde         | 6.92  | 77   | 13598    | 1.782  | ng/ul# | 82       |        |
| 6) Phenol               | 6.97  | 94   | 39890    | 2.260  | ng/ul  | 99       |        |
| 16) 4-Methylphenol      | 8.55  | 108  | 23482    | 1.561  | ng/ul  | 90       |        |
| 24) 2,4-Dimethylphenol  | 9.74  | 107  | 65272m   | 4.378  | ng/ul  | 99       |        |
| 28) Naphthalene         | 10.61 | 128  | 209787   | 4.890  | ng/ul  | 99       |        |
| 34) 2-Methylnaphthalene | 12.23 | 142  | 46406    | 1.443  | ng/ul  | 99       |        |
| 45) Dimethylphthalate   | 13.87 | 163  | 718453   | 19.713 | ng/ul  | 100      |        |
| 50) Acenaphthene        | 14.47 | 153  | 66405    | 2.156  | ng/ul  | 100      |        |
| 70) Phenanthrene        | 17.19 | 178  | 75675    | 1.455  | ng/ul  | 99       |        |

3 JU  
 20/11/19

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