

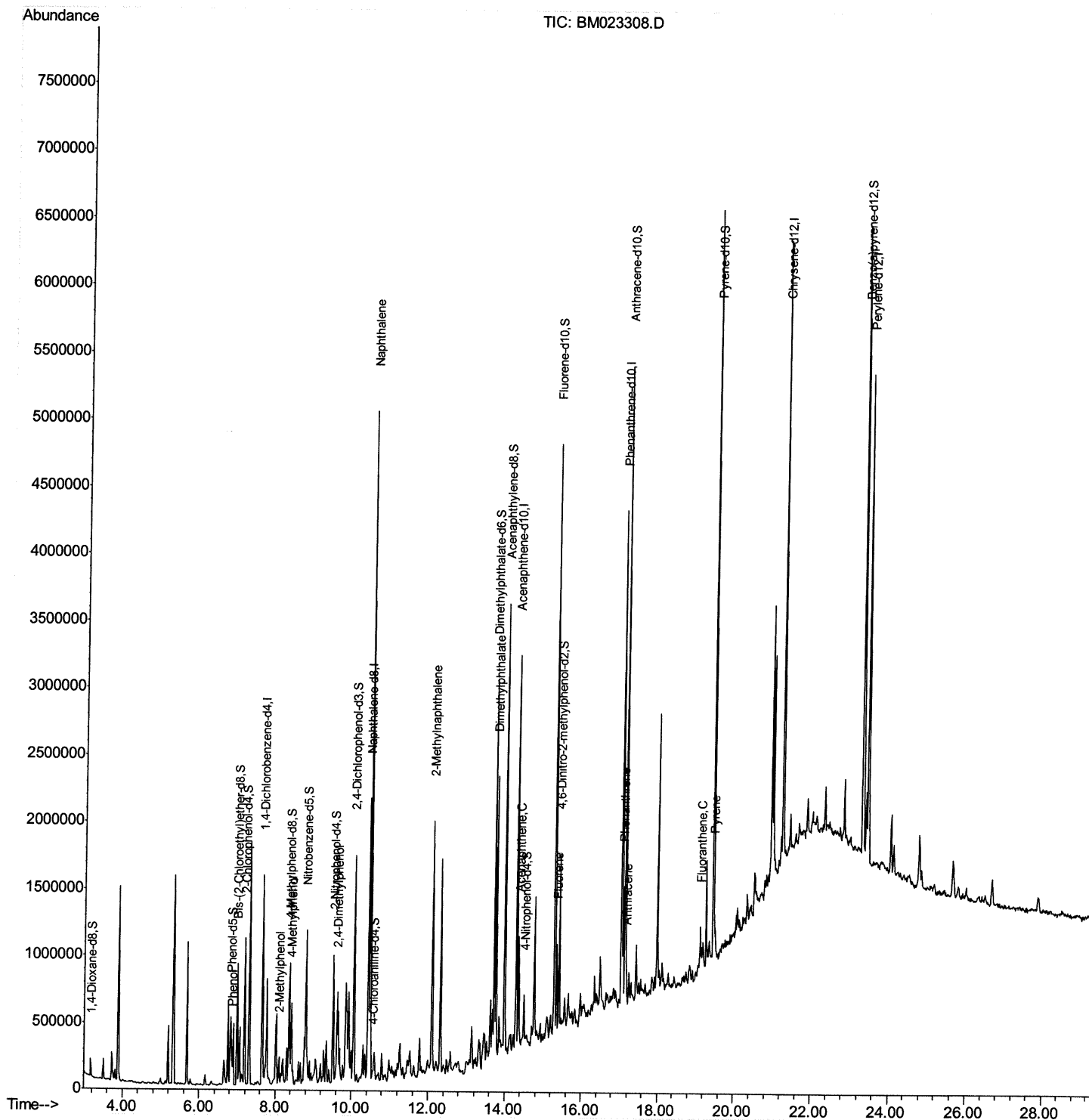
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\  
Data File : BM023308.D  
Acq On : 20 Oct 2019 04:13  
Operator : JU  
Sample : K5344-04  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BF6K9

Manual Integrations  
APPROVED

mohammad  
10/22/2019 1:45:22 AM

Quant Time: Oct 21 02:33:32 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101419MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Oct 19 23:34:34 2019  
Response via : Initial Calibration



## Quantitation Report (Qedit)

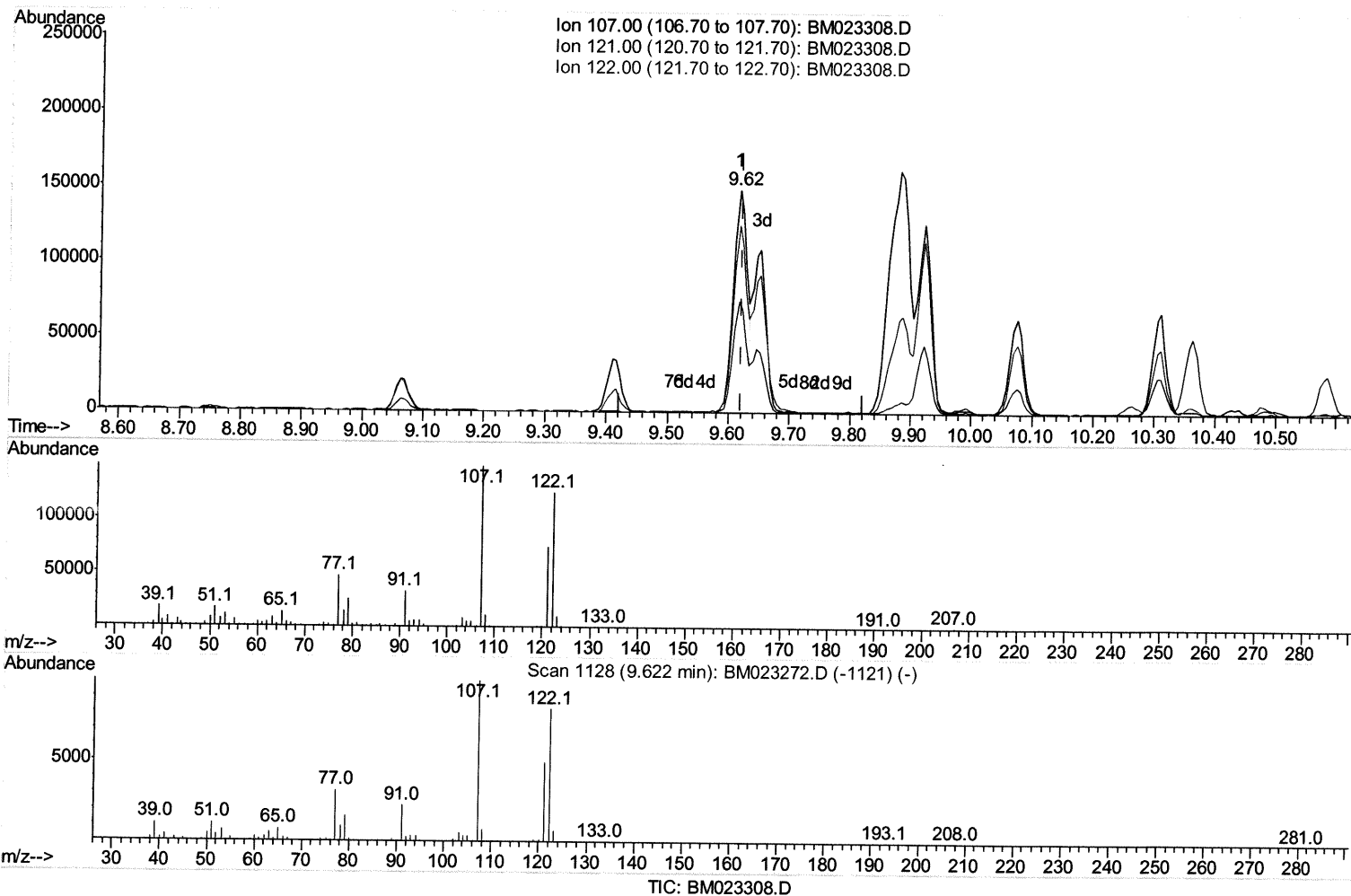
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Quant Time: Oct 21 01:55:31 2019  
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QLast Update : Sat Oct 19 23:34:34 2019  
Response via : Initial Calibration



(24) 2,4-Dimethylphenol

9.616min (-0.006) 7.19ng/ul

response 234583

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 107.00 | 100   | 100   |
| 121.00 | 48.70 | 50.17 |
| 122.00 | 80.90 | 83.90 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

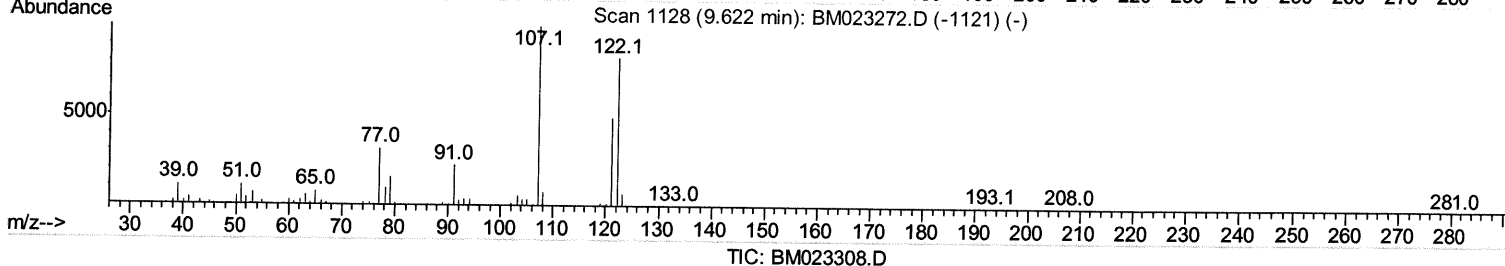
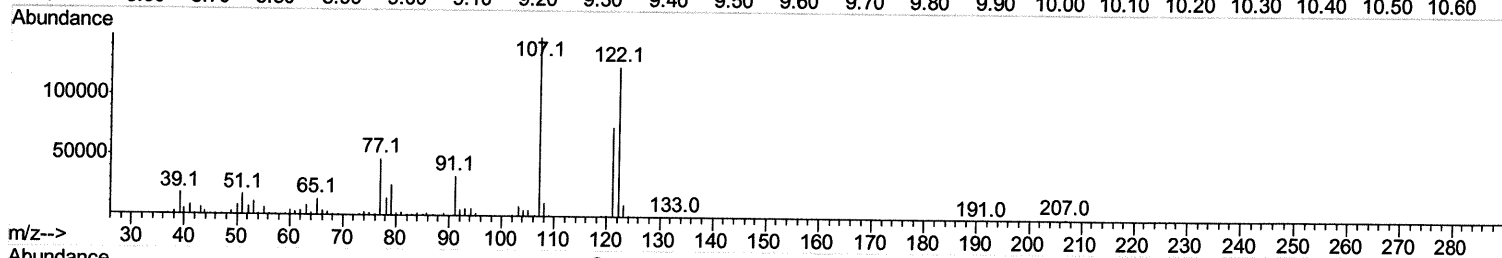
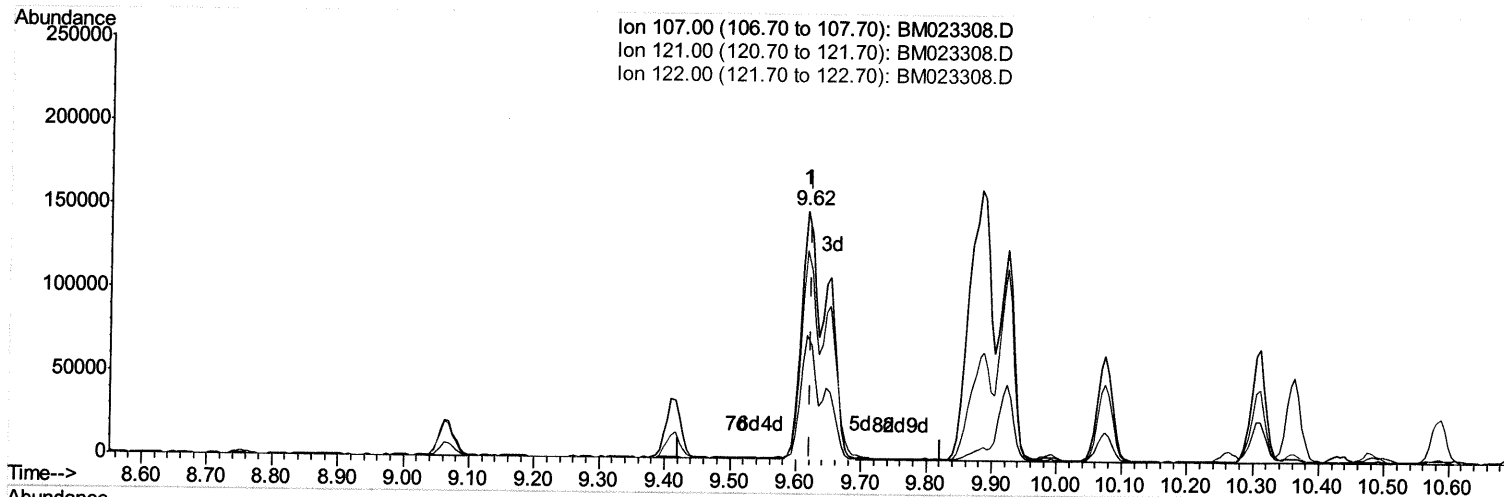
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Manual Integrations  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 19 23:34:34 2019  
 Response via : Initial Calibration



TIC: BM023308.D

(24) 2,4-Dimethylphenol

9.616min (-0.006) 12.08ng/ul m

34 10.23.19

response 394210

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 107.00 | 100   | 100   |
| 121.00 | 48.70 | 50.17 |
| 122.00 | 80.90 | 83.90 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\  
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 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BF6K9

Manual Integrations  
 APPROVED

mohammad  
 10/22/2019 1:45:22 AM

Quant Time: Oct 21 02:33:32 2019  
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 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 426503   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 1655157  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.30 | 164  | 996758   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 1983330  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.23 | 240  | 2071666  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.43 | 264  | 2545793  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.17  | 96  | 57287   | 5.91  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 184274  | 4.96  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 6.99  | 67  | 411860  | 19.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 488764  | 17.19 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 336488  | 11.28 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 282814  | 25.26 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 302603  | 28.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 597848  | 22.05 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 35145   | 1.07  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.71 | 166 | 1929010 | 25.25 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.99 | 160 | 2201307 | 24.57 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.50 | 143 | 85527   | 6.92  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.29 | 176 | 1683272 | 25.87 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 268423  | 34.14 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.14 | 188 | 2632520 | 27.53 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.43 | 212 | 2910087 | 29.01 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.30 | 264 | 3587602 | 27.80 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |          |        | Ovalue    |
|-------------------------|-------|-----|----------|--------|-----------|
| 6) Phenol               | 6.85  | 94  | 127711   | 3.334  | ng/ul 100 |
| 11) 2-Methylphenol      | 8.09  | 108 | 59277    | 2.019  | ng/ul 93  |
| 16) 4-Methylphenol      | 8.42  | 108 | 239131   | 7.489  | ng/ul 98  |
| 24) 2,4-Dimethylphenol  | 9.62  | 107 | 394210m> | 12.085 | ng/ul >   |
| 28) Naphthalene         | 10.48 | 128 | 3957337  | 46.258 | ng/ul 99  |
| 34) 2-Methylnaphthalene | 12.10 | 142 | 914155   | 14.360 | ng/ul 98  |
| 45) Dimethylphthalate   | 13.76 | 163 | 1336709  | 17.484 | ng/ul 99  |
| 50) Acenaphthene        | 14.36 | 153 | 304293   | 4.771  | ng/ul 98  |
| 59) Fluorene            | 15.34 | 166 | 176936   | 2.382  | ng/ul 98  |
| 70) Phenanthrene        | 17.08 | 178 | 485549   | 4.362  | ng/ul 99  |
| 72) Anthracene          | 17.17 | 178 | 118885   | 1.034  | ng/ul 94  |
| 77) Fluoranthene        | 19.10 | 202 | 132891   | 1.004  | ng/ul 96  |
| 80) Pyrene              | 19.46 | 202 | 163325   | 1.258  | ng/ul# 94 |

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

JU 10.23.19