

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\  
 Data File : BM018112.D  
 Acq On : 13 Dec 2018 02:55  
 Operator : JU/SJ  
 Sample : J6227-08  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9F33

Manual Integrations  
 APPROVED

Sohil  
 12/13/2018 6:16:55 PM

Quant Time: Dec 13 03:56:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 13 03:40:23 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.54  | 152  | 124457   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.30 | 136  | 529544   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.19 | 164  | 296825   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.95 | 188  | 697888   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.16 | 240  | 850909   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.33 | 264  | 877377   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 6253m  | 2.30  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.73  | 99  | 159626 | 14.04 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.89  | 67  | 87940  | 12.83 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.08  | 132 | 139610 | 15.70 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.26  | 113 | 115491 | 12.44 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.70  | 128 | 68784  | 16.91 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.41  | 143 | 75666  | 16.24 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.95  | 165 | 133460 | 15.04 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.47 | 131 | 101570 | 13.34 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.62 | 166 | 466039 | 18.09 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.88 | 160 | 534812 | 17.16 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 54143m | 11.56 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.19 | 176 | 368083 | 16.55 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 55011  | 11.03 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.05 | 188 | 560911 | 16.14 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.36 | 212 | 653186 | 15.86 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.20 | 264 | 737737 | 15.50 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |        | Ovalue |           |
|-----------------------|-------|-----|--------|--------|-----------|
| 6) Phenol             | 6.76  | 94  | 42961  | 3.787  | ng/ul 97  |
| 44) Dimethylphthalate | 13.66 | 163 | 150587 | 6.035  | ng/ul 100 |

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

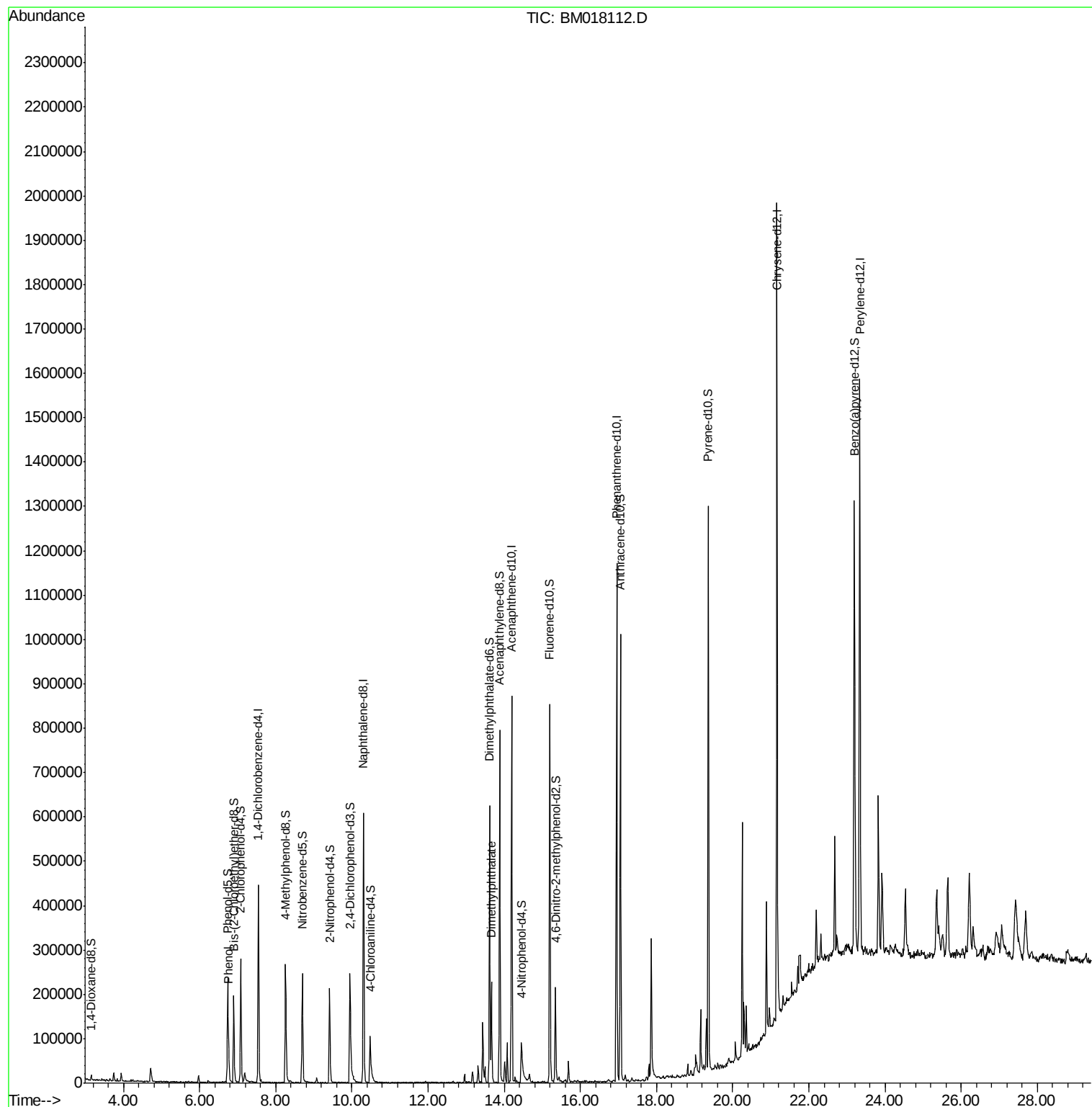
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\  
Data File : BM018112.D  
Acq On : 13 Dec 2018 02:55  
Operator : JU/SJ  
Sample : J6227-08  
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ALS Vial : 20 Sample Multiplier: 1

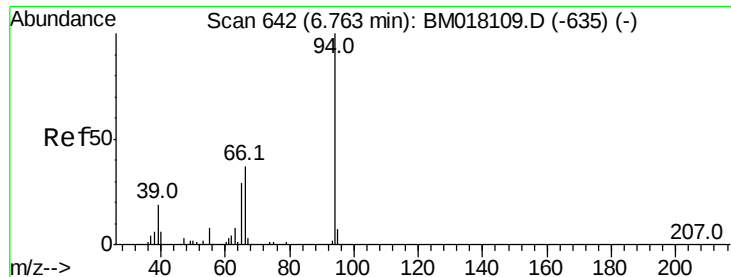
Instrument :  
BNA\_M  
ClientSampleId :  
F9F33

Manual Integrations  
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Sohil  
12/13/2018 6:16:55 PM

Quant Time: Dec 13 03:56:39 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM11918MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 13 03:40:23 2018  
Response via : Initial Calibration





#6

Phenol

Concen: 3.787 ng/ul

RT: 6.76 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM018112.D

Acq: 13 Dec 2018 02:55

Instrument :

BNA\_M

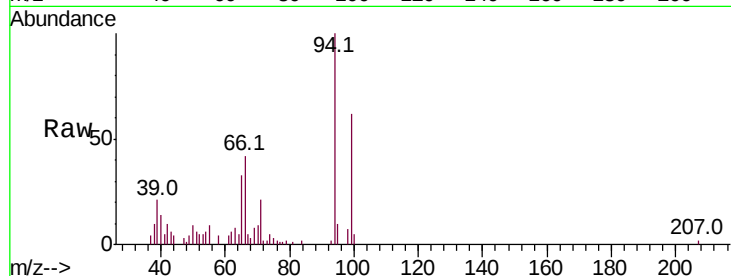
ClientSampled :

F9F33

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 94    | Resp: | 42961 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 33.2  | 24.7  | 37.1  |
| 66       | 42.2  | 34.6  | 51.8  |

Manual Integrations  
APPROVED

Sohil  
12/13/2018 6:16:55 PM

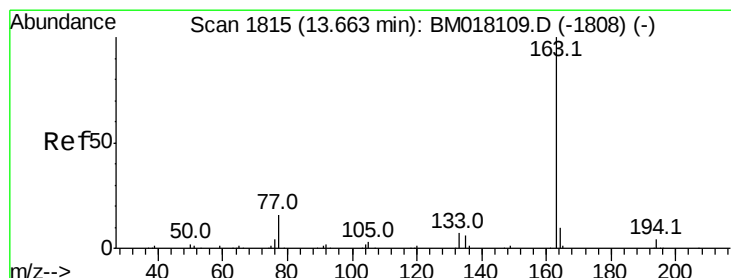
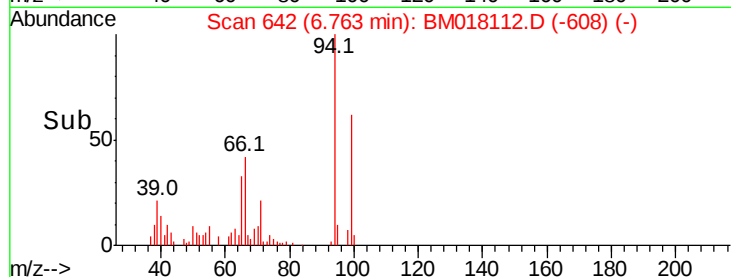
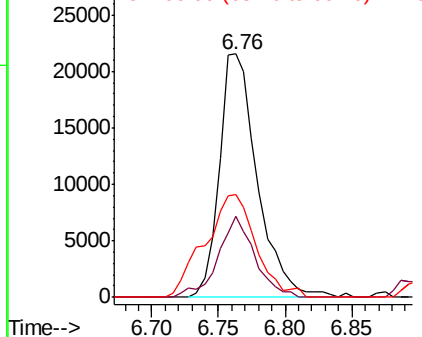


Abundance

Ion 94.00 (93.70 to 94.70): BM018109.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM018109.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM018109.D (-635) (-)



#44

Dimethylphthalate

Concen: 6.035 ng/ul

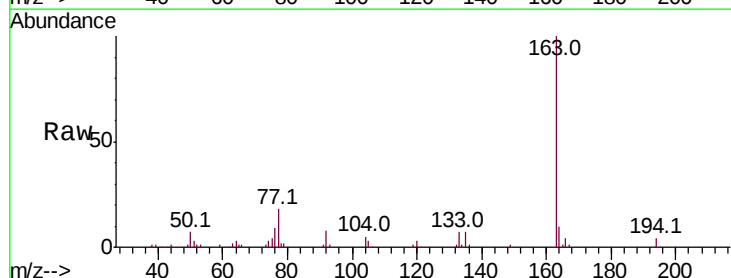
RT: 13.66 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BM018112.D

Acq: 13 Dec 2018 02:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 163   | Resp: | 150587 |
| Ion      | Ratio | Lower | Upper  |
| 163      | 100   |       |        |
| 194      | 4.2   | 3.4   | 5.0    |
| 164      | 10.2  | 8.1   | 12.1   |



Abundance

Ion 163.00 (162.70 to 163.70): BM018109.D (-1808) (-)

Ion 194.00 (193.70 to 194.70): BM018109.D (-1808) (-)

Ion 164.00 (163.70 to 164.70): BM018109.D (-1808) (-)

