

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062920\  
 Data File : BM026610.D  
 Acq On : 29 Jun 2020 11:26  
 Operator : JU/CG  
 Sample : L3118-05DL 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0F80DL

Manual Integrations  
 APPROVED

mohammad  
 6/30/2020 10:10:37 AM

Quant Time: Jun 29 13:00:29 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 29 11:09:29 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.37  | 152  | 82423    | 20.00  | ng/ul | 0.01     |
| 18) Naphthalene-d8             | 10.13 | 136  | 334107   | 20.00  | ng/ul | 0.00     |
| 36) Acenaphthene-d10           | 14.02 | 164  | 217197   | 20.00  | ng/ul | 0.00     |
| 62) Phenanthrene-d10           | 16.78 | 188  | 509176   | 20.00  | ng/ul | 0.00     |
| 78) Chrysene-d12               | 21.00 | 240  | 524651   | 20.00  | ng/ul | 0.00     |
| 86) Perylene-d12               | 23.08 | 264  | 469115   | 20.00  | ng/ul | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 3) 1,4-Dioxane-d8              | 2.97  | 96   | 2425     | 1.03   | ng/uL | 0.01     |
| 5) Phenol-d5                   | 6.58  | 99   | 9432     | 1.24   | ng/ul | 0.01     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.73  | 67   | 32791    | 6.83   | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 6.91  | 132  | 27317    | 4.41   | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.10  | 113  | 16958    | 2.84   | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.52  | 128  | 17116    | 5.77   | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.23  | 143  | 17379    | 5.32   | ng/ul | 0.01     |
| 26) 2,4-Dichlorophenol-d3      | 9.77  | 165  | 30109    | 5.01   | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0d       | 0.00   | ng/ul |          |
| 44) Dimethylphthalate-d6       | 13.45 | 166  | 125332   | 6.86   | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.71 | 160  | 138858   | 6.34   | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 0.00  | 143  | 0d       | 0.00   | ng/ul |          |
| 58) Fluorene-d10               | 15.03 | 176  | 110668   | 7.06   | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.18 | 200  | 11951    | 3.59   | ng/ul | 0.00     |
| 71) Anthracene-d10             | 16.88 | 188  | 183550   | 7.08   | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.19 | 212  | 222330   | 7.73   | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 22.95 | 264  | 172919   | 6.67   | ng/ul | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 20) Nitrobenzene               | 8.55  | 77   | 205464   | 25.441 | ng/ul | 95       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.18 | 216  | 71199m   | 8.972  | ng/ul |          |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.80 | 216  | 227280   | 26.368 | ng/uL | 98       |

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

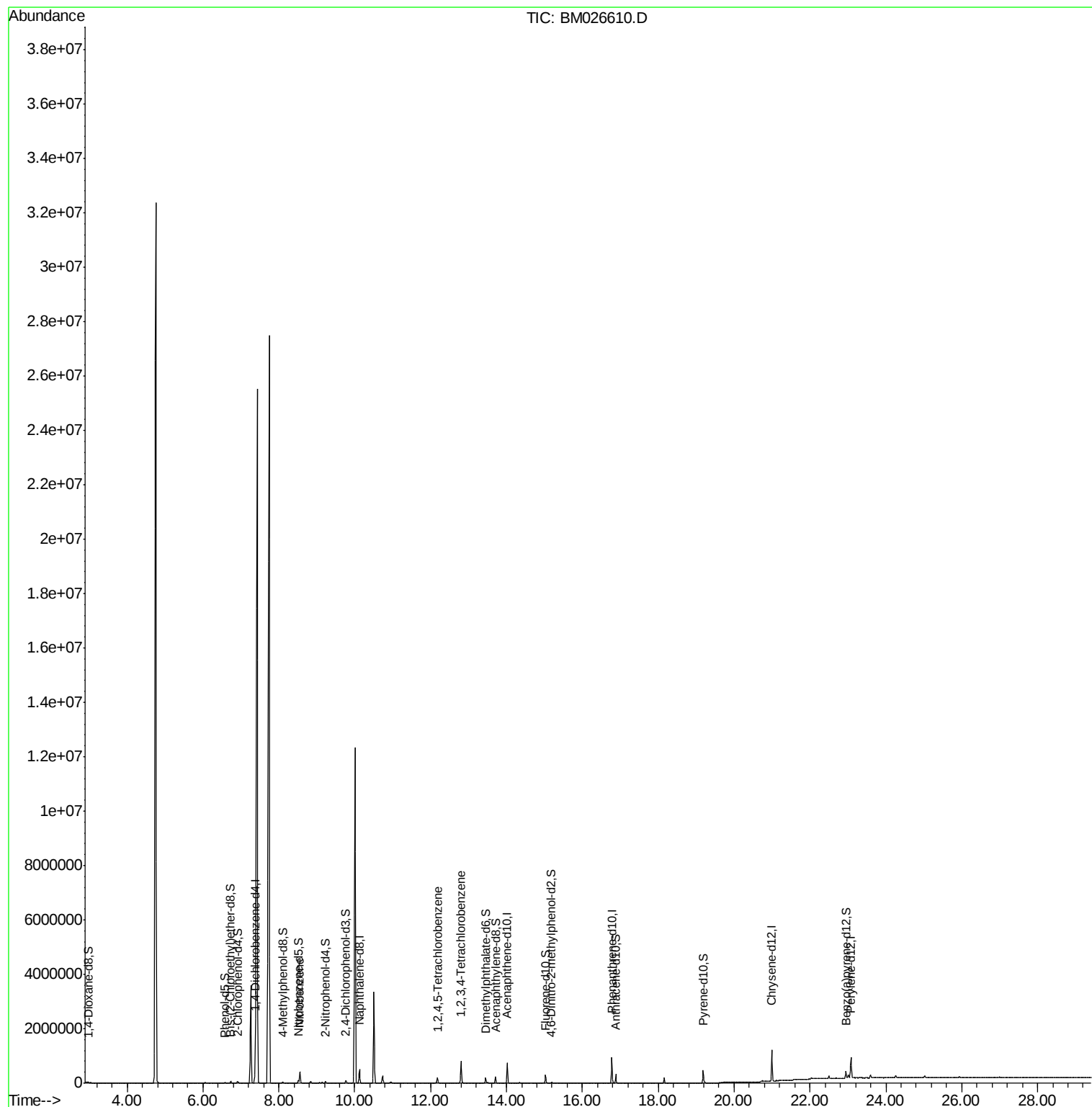
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062920\  
Data File : BM026610.D  
Acq On : 29 Jun 2020 11:26  
Operator : JU/CG  
Sample : L3118-05DL 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

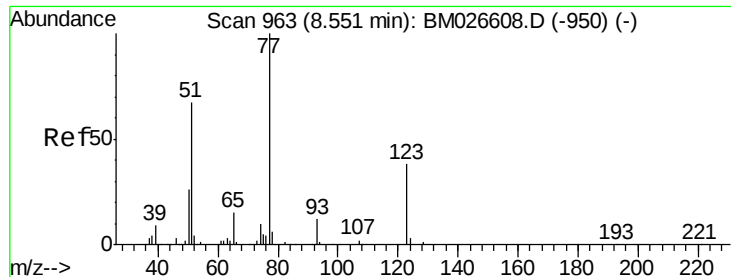
Instrument :  
BNA\_M  
ClientSampleId :  
C0F80DL

Manual Integrations  
APPROVED

mohammad  
6/30/2020 10:10:37 AM

Quant Time: Jun 29 13:00:29 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jun 29 11:09:29 2020  
Response via : Initial Calibration





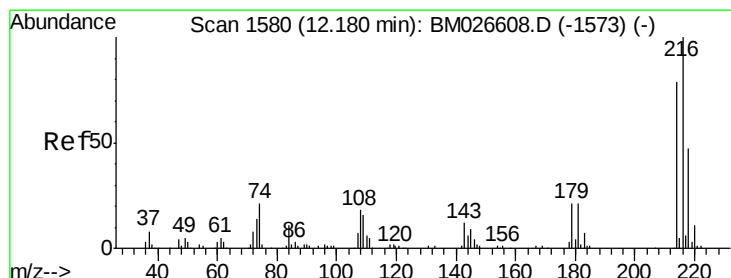
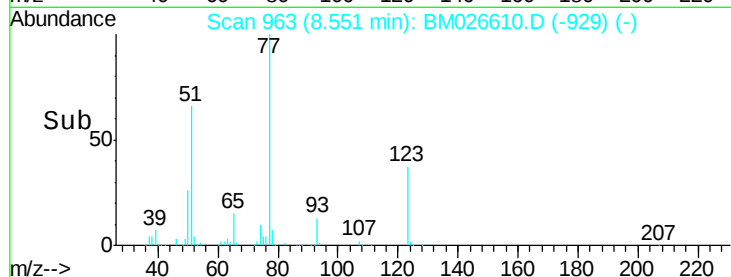
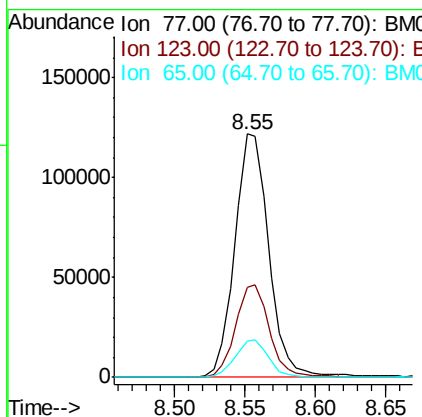
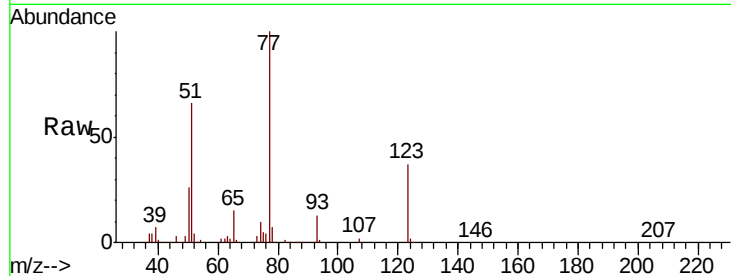
#20  
Nitrobenzene  
Concen: 25.441 ng/ul  
RT: 8.55 min Scan# 963  
Delta R.T. 0.00 min  
Lab File: BM026610.D  
Acq: 29 Jun 2020 11:26

Instrument :  
BNA\_M  
ClientSampleId :  
C0F80DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 36.8  | 31.6  | 47.4  |
| 65      | 14.9  | 10.3  | 15.5  |

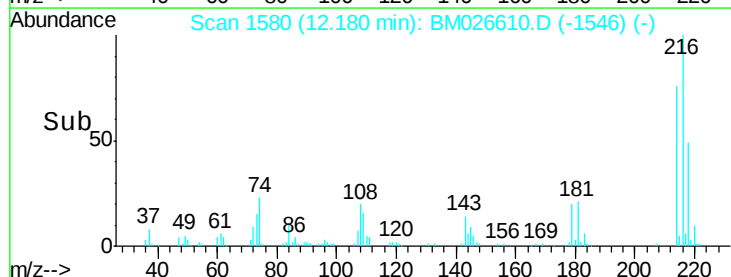
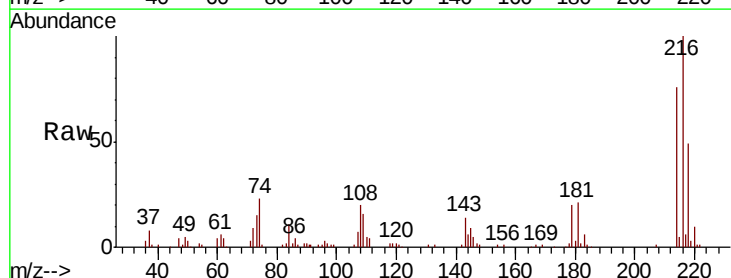
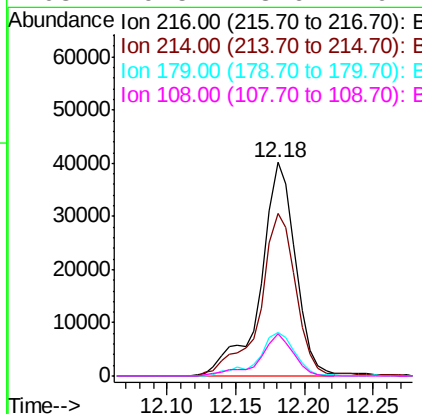
Manual Integrations  
APPROVED

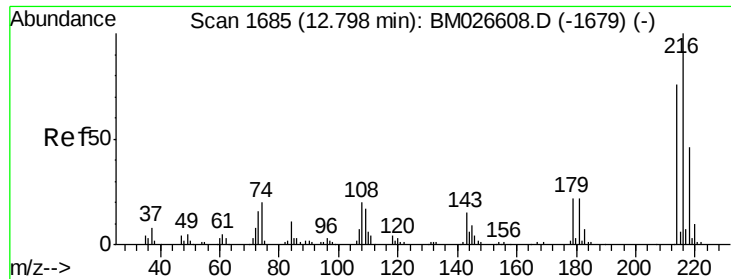
mohammad  
6/30/2020 10:10:37 AM



#37  
1,2,4,5-Tetrachlorobenzene  
Concen: 8.972 ng/ul m  
RT: 12.18 min Scan# 1580  
Delta R.T. 0.00 min  
Lab File: BM026610.D  
Acq: 29 Jun 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 76.4  | 63.9  | 95.9  |
| 179     | 20.2  | 16.5  | 24.7  |
| 108     | 19.5  | 13.6  | 20.4  |





#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 26.368 ng/uL  
 RT: 12.80 min Scan# 1686  
 Delta R.T. 0.01 min  
 Lab File: BM026610.D  
 Acq: 29 Jun 2020 11:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0F80DL

| Tot Ion | Ion  | Ratio | Resp Lower | Upper |
|---------|------|-------|------------|-------|
| 216     | 100  |       |            |       |
| 214     | 75.3 | 62.5  | 93.7       |       |
| 218     | 48.2 | 39.3  | 58.9       |       |

Manual Integrations  
 APPROVED

mohammad  
 6/30/2020 10:10:37 AM

