Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025797.D
Acq On : 26 Mar 2020 12:35
Operator : CG/JU
Sample : L1941-20DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0DM0DL

Quant Time: Mar 26 15:19:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 24 00:45:06 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 120745 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.33 | 136 | 466292 | 20.00 | ng/ul | -0.01 |
| 36) Acenaphthene-d10 | 14.20 | 164 | 288698 | 20.00 | ng/ul | -0.01 |
| 62) Phenanthrene-d10 | 16.95 | 188 | 626658 | 20.00 | ng/ul | -0.01 |
| 78) Chrysene-d12 | 21.14 | 240 | 678224 | 20.00 | ng/ul | -0.01 |
| 86) Perylene-d12 | 23.29 | 264 | 761782 | 20.00 | ng/ul | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 6.75 | 99 | 12337 | 1.29 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.92 | 67 | 38919 | 7.16 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.10 | 132 | 41354 | 5.35 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.27 | 113 | 24843 | 3.17 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.71 | 128 | 26037 | 7.51 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.43 | 143 | 25441 | 6.90 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.96 | 165 | 47365 | 6.29 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.48 | 131 | 2744 | 0.31 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.62 | 166 | 179385 | 8.18 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8 | 13.89 | 160 | 205551 | 7.82 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4 | 14.42 | 143 | 2521 | 0.60 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.20 | 176 | 165221 | 8.58 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 14606 | 3.82 | ng/ul | -0.01 |
| 71) Anthracene-d10 | 17.04 | 188 | 252014 | 8.61 | ng/ul | -0.01 |
| 79) Pyrene-d10 | 19.34 | 212 | 274491 | 8.43 | ng/ul | -0.01 |
| 90) Benzo(a)pyrene-d12 | 23.16 | 264 | 341408 | 8.75 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 20) Nitrobenzene | 8.75 | 77 | 218218 | 25.845 | ng/ul | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.38 | 216 | 59749 | 6.544 | ng/ul | 96 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.99 | 216 | 178057 | 18.543 | ng/uL | 96 |

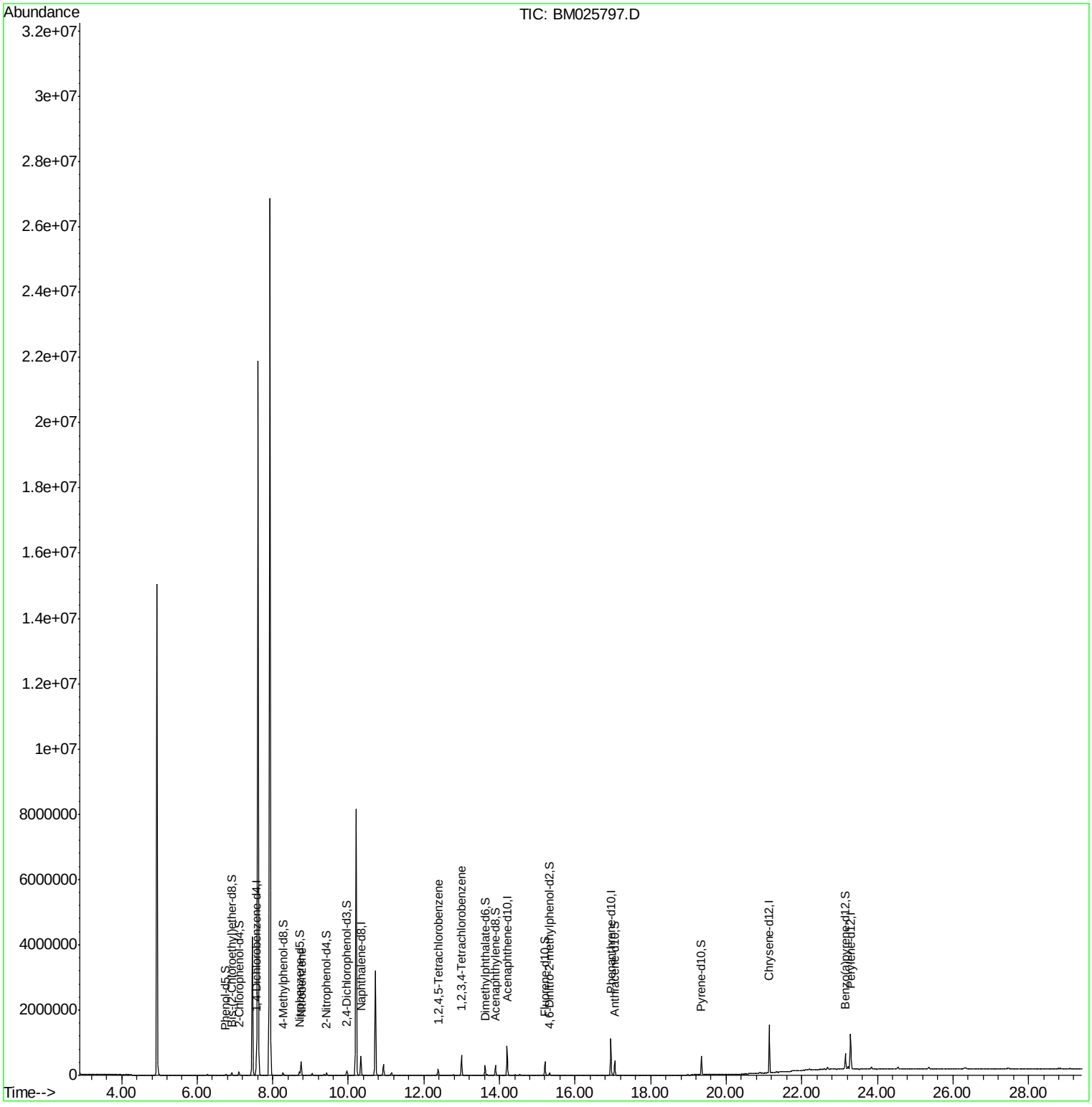
(#) = qualifier out of range (m) = manual integration (+) = signals summed

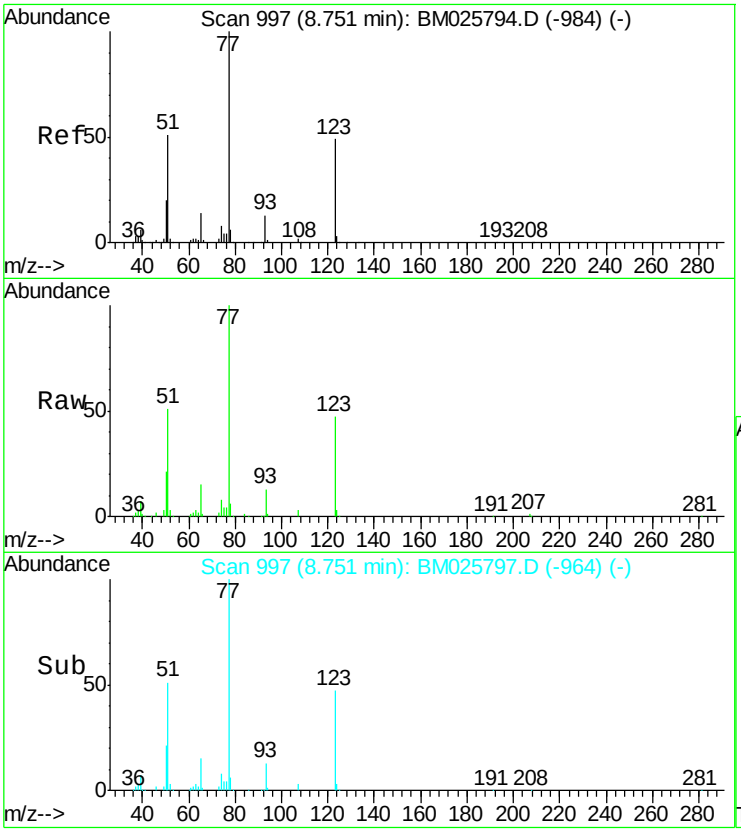
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025797.D
Acq On : 26 Mar 2020 12:35
Operator : CG/JU
Sample : L1941-20DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C0DM0DL

Quant Time: Mar 26 15:19:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 24 00:45:06 2020
Response via : Initial Calibration



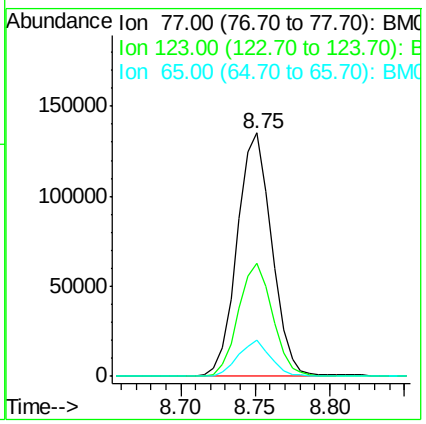


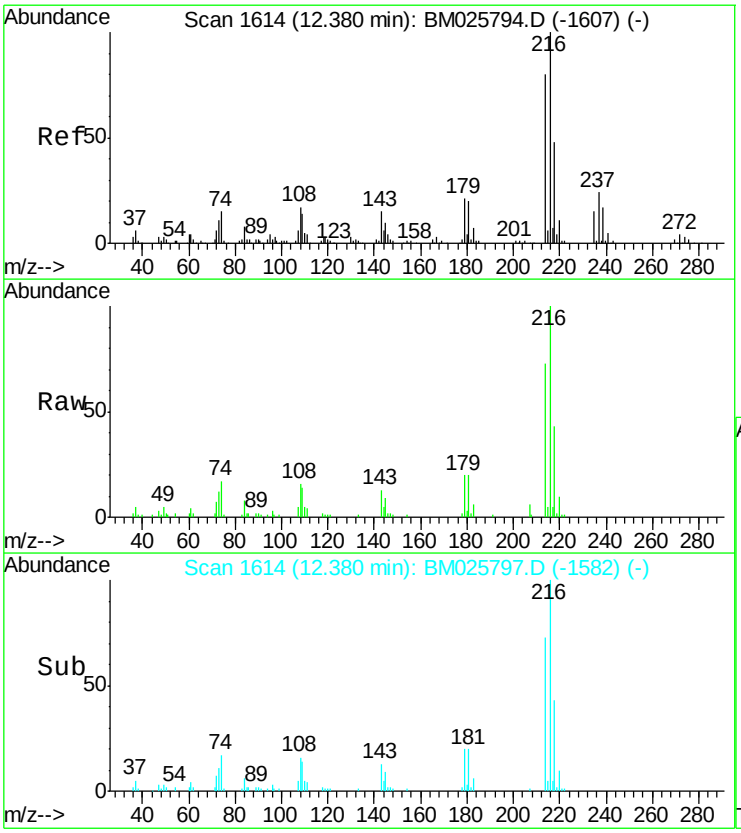

#20
Nitrobenzene
Concen: 25.845 ng/ul
RT: 8.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM025797.D
Acq: 26 Mar 2020 12:35

**Instrument :**
BNA_M
**ClientSampleId :**
C0DM0DL

Tgt Ion: 77 Resp: 218218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.5 | 37.7 | 56.5 |
| 65 | 14.6 | 11.1 | 16.7 |

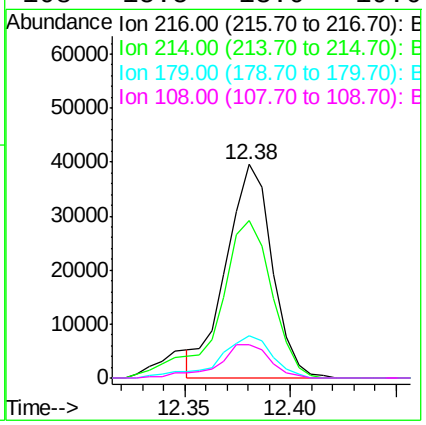


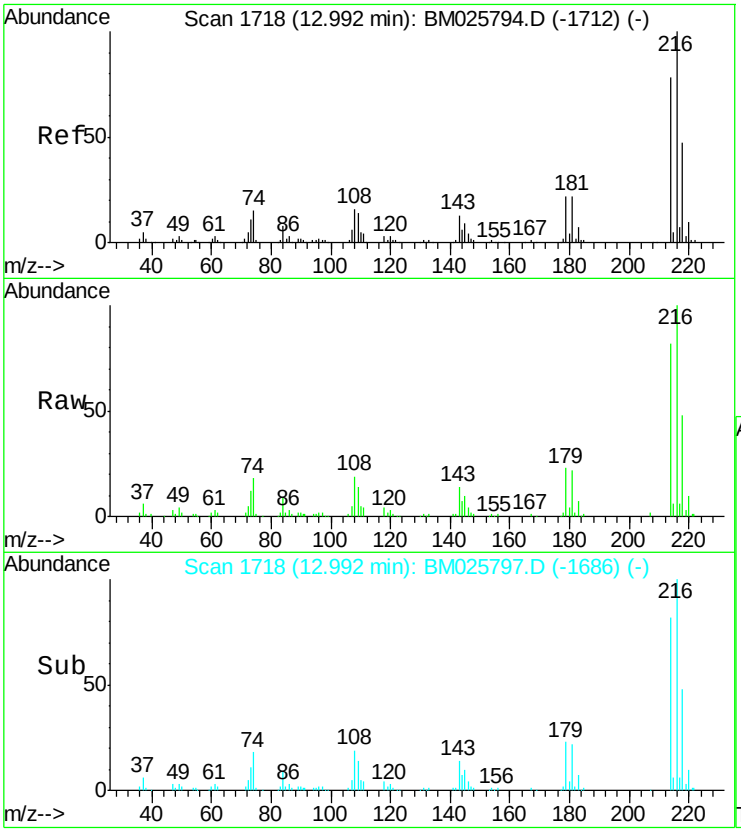




#37
1,2,4,5-Tetrachlorobenzene
Concen: 6.544 ng/ul
RT: 12.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM025797.D
Acq: 26 Mar 2020 12:35

Tgt Ion:216 Resp: 59749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 73.5 | 61.9 | 92.9 |
| 179 | 20.1 | 16.6 | 24.8 |
| 108 | 15.5 | 13.0 | 19.6 |






#73
1,2,3,4-Tetrachlorobenzene
Concen: 18.543 ng/uL
RT: 12.99 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM025797.D
Acq: 26 Mar 2020 12:35

**Instrument :**
BNA_M
**ClientSampleId :**
C0DM0DL

Tgt Ion:216 Resp: 178057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 82.3 | 61.8 | 92.6 |
| 218 | 47.6 | 37.3 | 55.9 |