Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051421\
Data File : BM030030.D
Acq On : 14 May 2021 22:54
Operator : CG/JU
Sample : M2194-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
YARG8

**Manual Integrations APPROVED**
mohammad
5/16/2021 12:20:32 AM

Quant Time: May 15 01:19:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 17:21:45 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.55 | 152 | 2596 | 0.40 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.31 | 136 | 11932 | 0.40 | ng/ul | -0.02 |
| 9) Acenaphthene-d10 | 14.19 | 164 | 7606 | 0.40 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.93 | 188 | 14055m | 0.40 | ng/ul | -0.01 |
| 17) Chrysene-d12 | 21.13 | 240 | 9849 | 0.40 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.28 | 264 | 11933 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.05 | 96 | 19162 | 4.74 | ng/ul | -0.02 |
| 6) 2-Methylnaphthalene-d10 | 11.93 | 152 | 5456 | 0.32 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.97 | 212 | 15762 | 0.51 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 14) Pentachlorophenol | 16.61 | 266 | 100 | 0.032 | ng/ul | 93 |
| 15) Phenanthrene | 16.97 | 178 | 2130 | 0.050 | ng/ul# | 83 |
| 19) Fluoranthene | 19.00 | 202 | 4089 | 0.102 | ng/ul# | 94 |
| 20) Pyrene | 19.36 | 202 | 3937 | 0.094 | ng/ul# | 79 |

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

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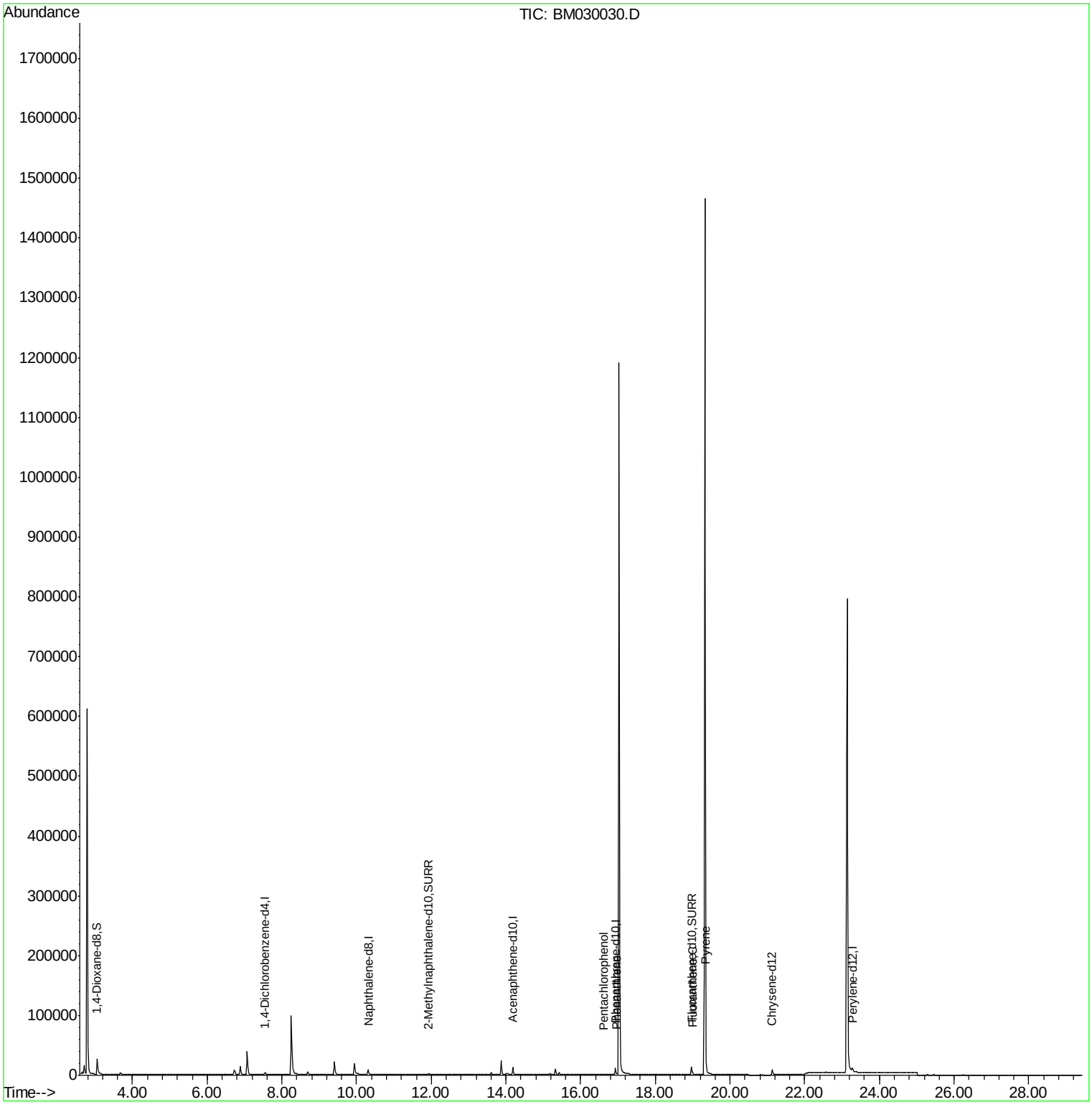
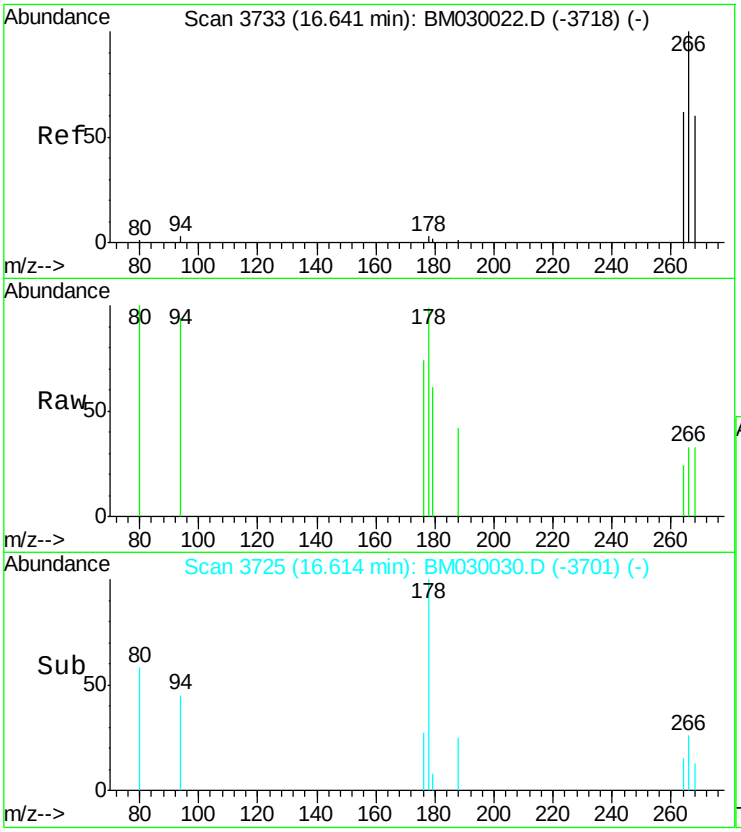
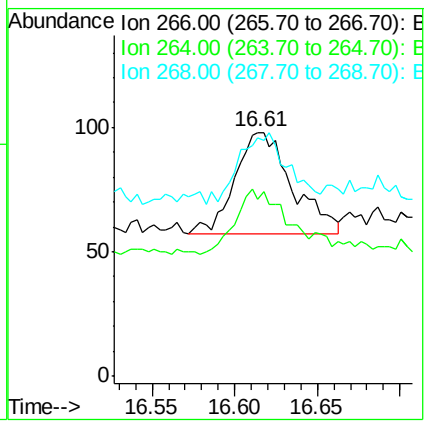





#14
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 16.61 min Scan# 3725
Delta R.T. -0.02 min
Lab File: BM030030.D
Acq: 14 May 2021 22:54

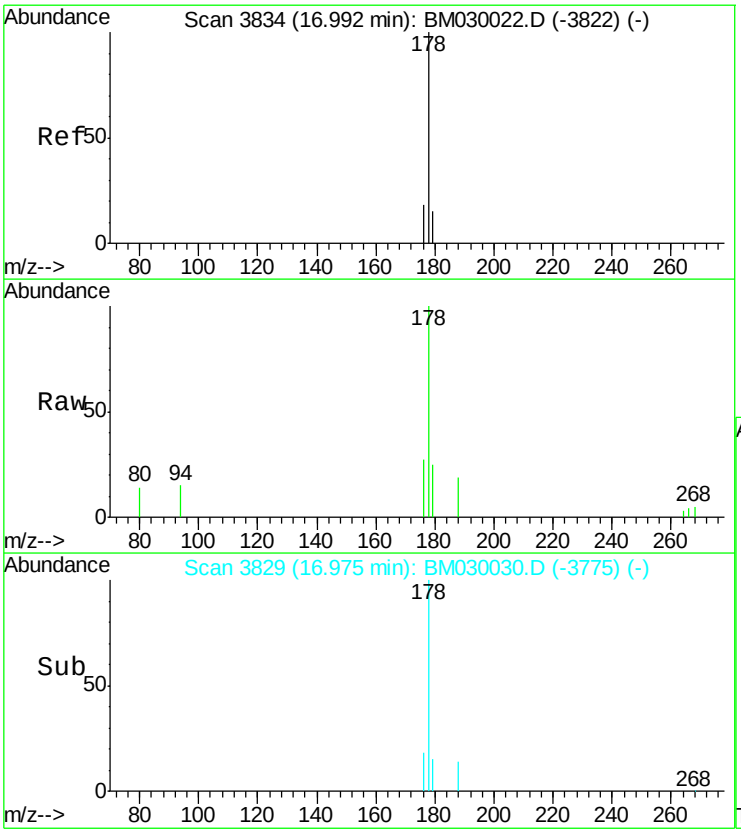
Tgt Ion:266 Resp: 100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 68.0 | 50.7 | 76.1 |
| 268 | 60.0 | 53.1 | 79.7 |




**Instrument :**
BNA_M
**ClientSampleId :**
YARG8

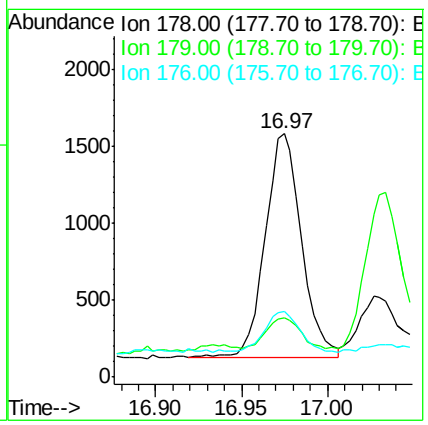
**Manual Integrations APPROVED**
mohammad
5/16/2021 12:20:32 AM

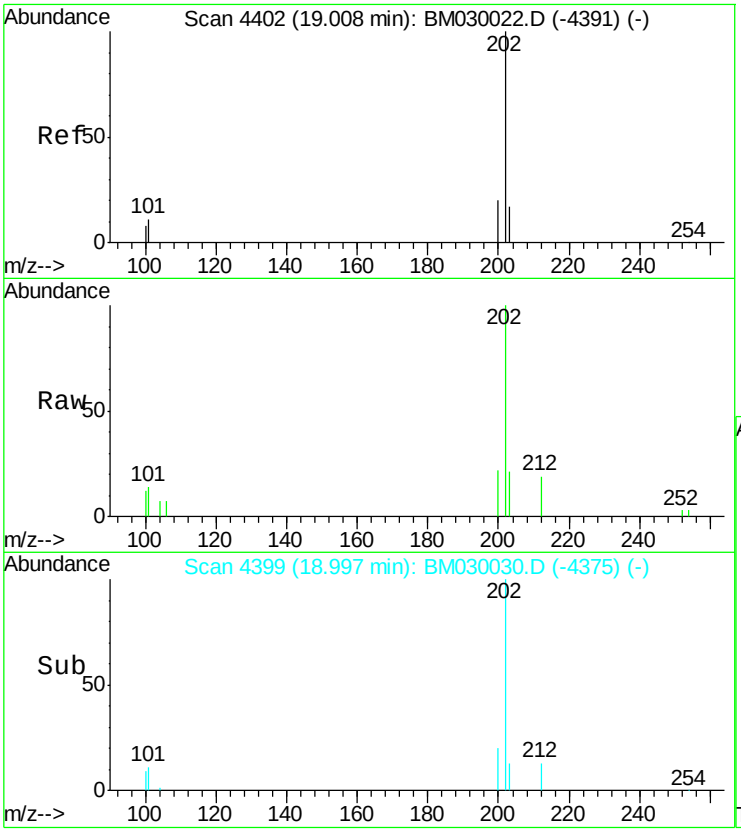



#15
Phenanthrene
Concen: 0.050 ng/ul
RT: 16.97 min Scan# 3829
Delta R.T. -0.01 min
Lab File: BM030030.D
Acq: 14 May 2021 22:54

Tgt Ion:178 Resp: 2130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 24.5 | 13.4 | 20.2# |
| 176 | 27.1 | 15.8 | 23.8# |






#19
Fluoranthene
Concen: 0.102 ng/ul
RT: 19.00 min Scan# 4399
Delta R.T. -0.01 min
Lab File: BM030030.D
Acq: 14 May 2021 22:54

Tgt Ion:202 Resp: 4089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.4 | 9.5 | 14.3# |
| 100 | 11.7 | 7.4 | 11.2# |

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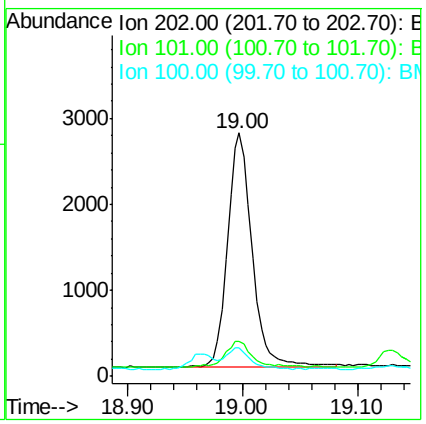


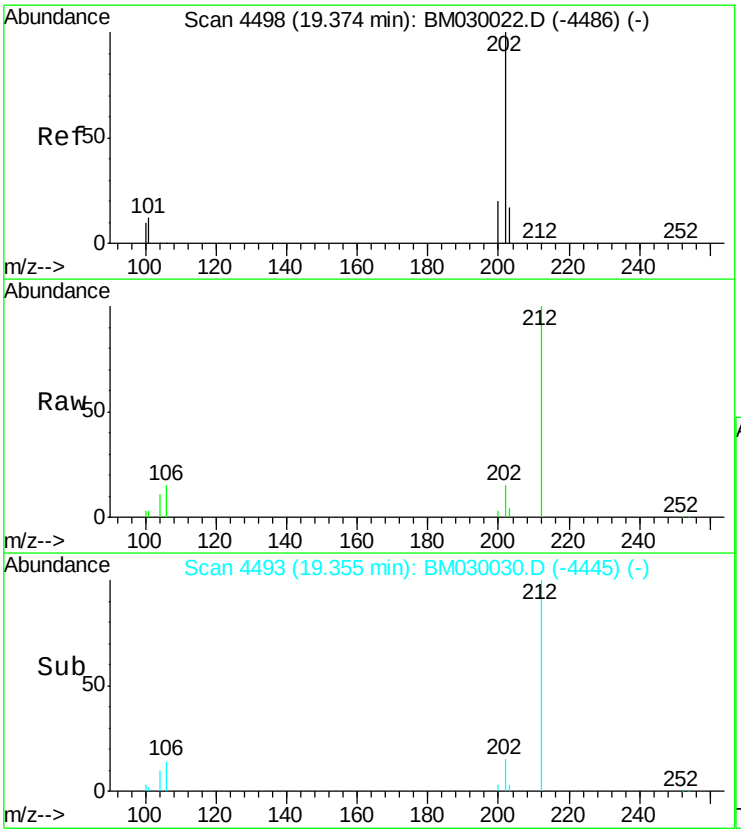


#20
Pyrene
Concen: 0.094 ng/ul
RT: 19.36 min Scan# 4493
Delta R.T. -0.02 min
Lab File: BM030030.D
Acq: 14 May 2021 22:54

Tgt Ion:202 Resp: 3937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 18.0 | 10.6 | 16.0# |
| 100 | 23.2 | 8.9 | 13.3# |