Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071521\
Data File : BM030982.D
Acq On : 15 Jul 2021 15:41
Operator : CG/JU
Sample : M2910-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C0AW3

**Manual Integrations APPROVED**
mohammad
7/16/2021 10:56:33 AM

Quant Time: Jul 15 16:16:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 15 16:14:04 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.656 | 152 | 935 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.424 | 136 | 3231 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.284 | 164 | 2382 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.030 | 188 | 5198m | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.219 | 240 | 5232 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.409 | 264 | 5509 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.227 | 96 | 2597 | 2.701 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.011 | 152 | 1964 | 0.349 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.062 | 212 | 6929 | 0.394 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.262 | 88 | 299 | 0.279 | ng/ul# | 70 |
| 11) Acenaphthene | 14.349 | 153 | 191 | 0.023 | ng/ul# | 87 |
| 14) Pentachlorophenol | 16.683 | 266 | 167518 | 91.231 | ng/ul | 99 |
| 15) Phenanthrene | 17.072 | 178 | 410 | 0.025 | ng/ul# | 40 |
| 16) Anthracene | 17.166 | 178 | 506 | 0.032 | ng/ul# | 51 |

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

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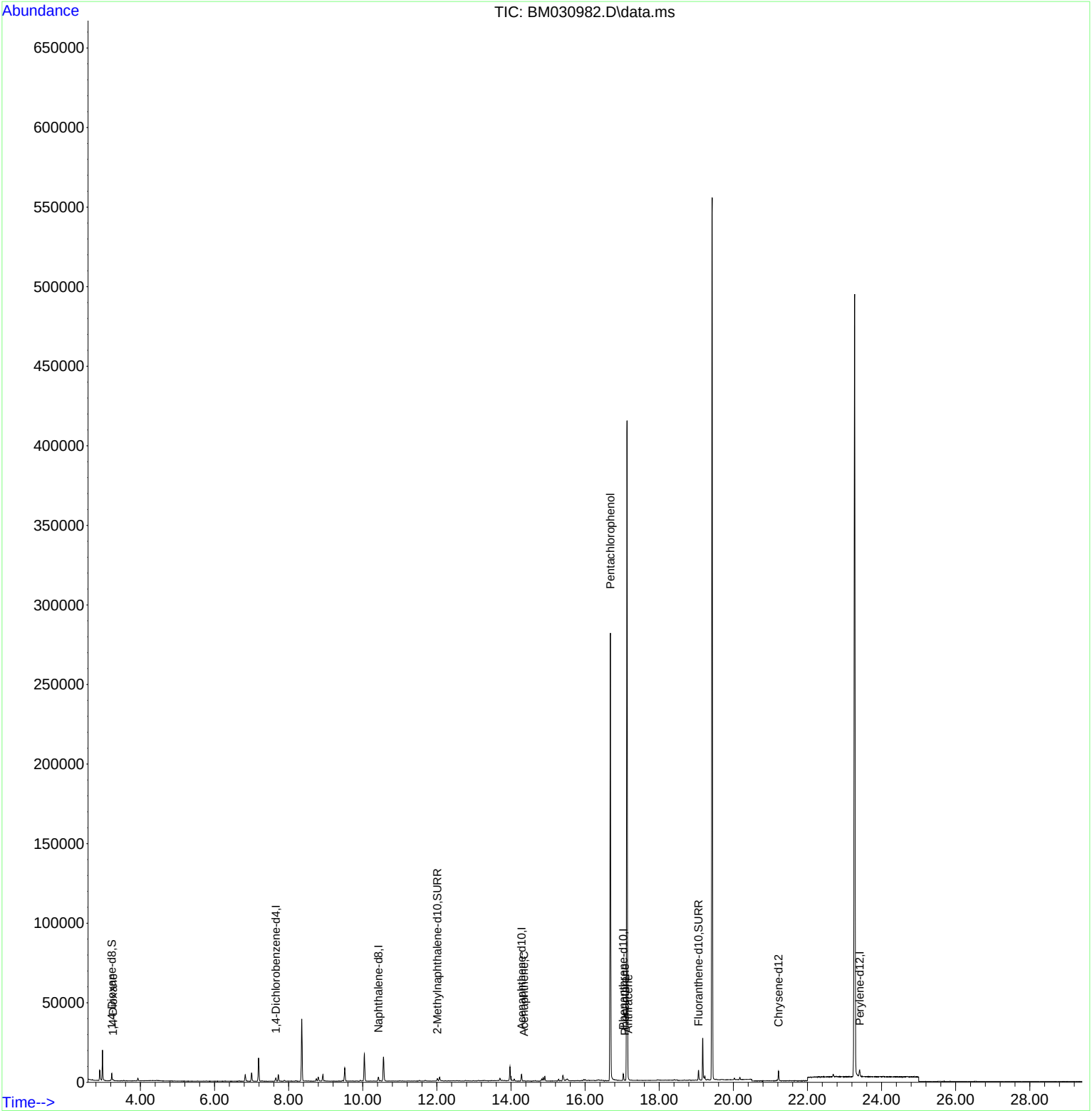
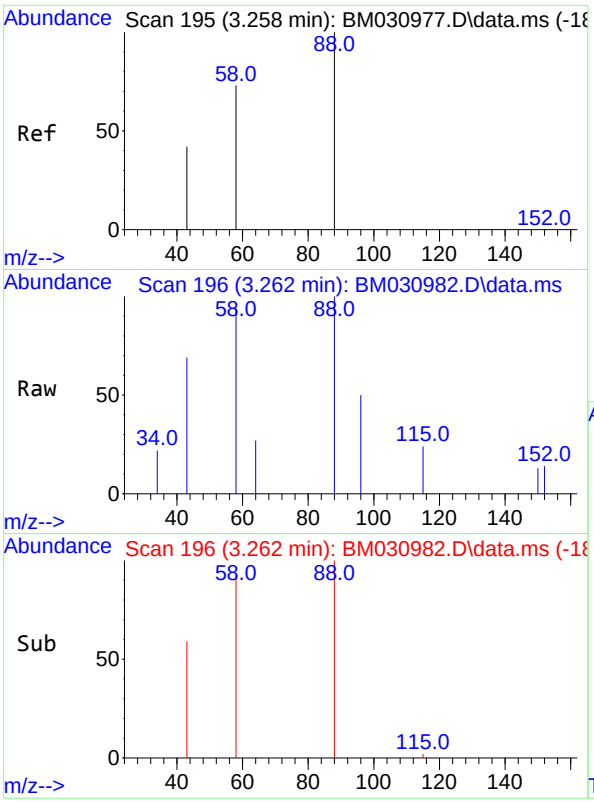
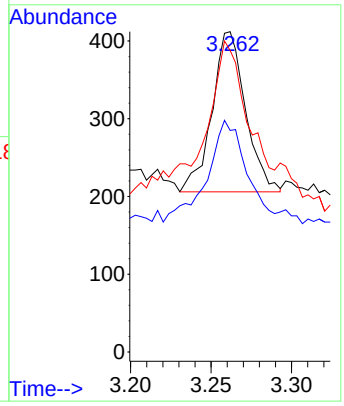





#2
1,4-Dioxane
Concen: 0.279 ng/ul
RT: 3.262 min Scan# 196
Delta R.T. 0.003 min
Lab File: BM030982.D
Acq: 15 Jul 2021 15:41

Tgt Ion: 88 Resp: 299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 69.2 | 48.2 | 72.4 |
| 58 | 94.2 | 46.0 | 69.0# |




**Instrument :**
BNA_M
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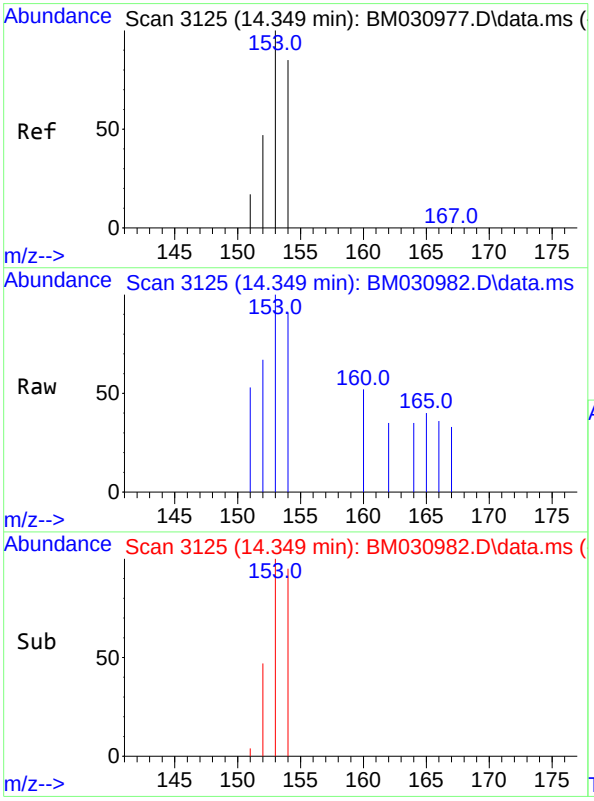
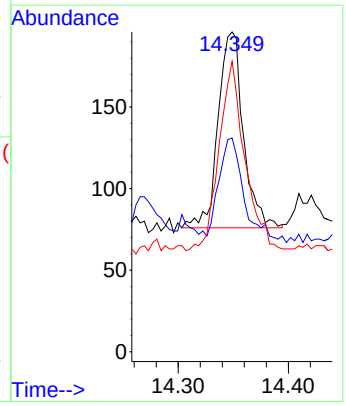
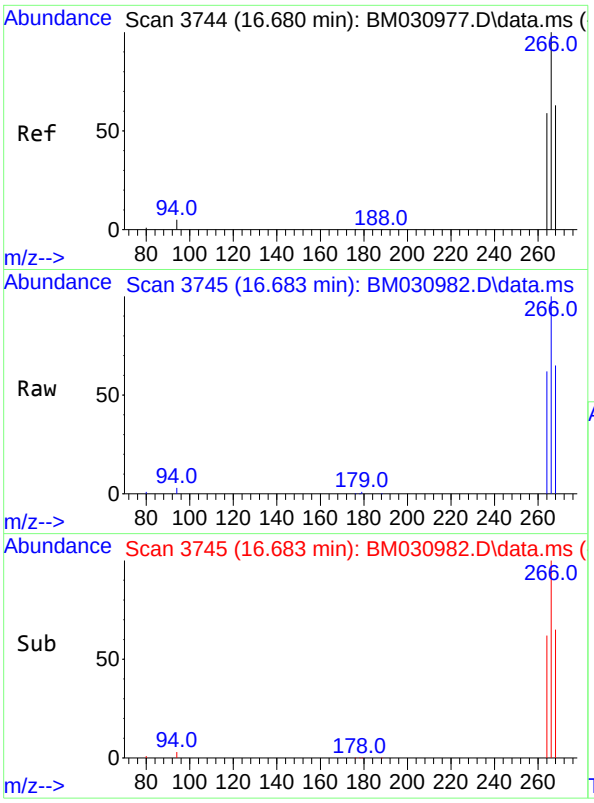



#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.349 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM030982.D
Acq: 15 Jul 2021 15:41

Tgt Ion:153 Resp: 191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 66.8 | 39.3 | 58.9# |
| 154 | 90.8 | 68.5 | 102.7 |

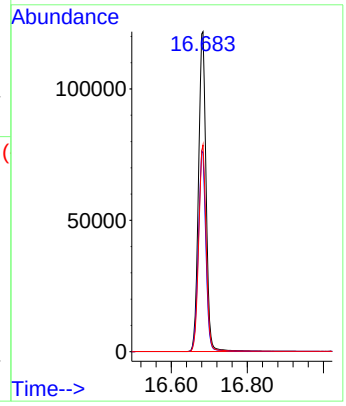





#14
Pentachlorophenol
Concen: 91.231 ng/ul
RT: 16.683 min Scan# 3745
Delta R.T. 0.003 min
Lab File: BM030982.D
Acq: 15 Jul 2021 15:41

Tgt Ion:266 Resp: 167518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.6 | 49.5 | 74.3 |
| 268 | 64.0 | 50.4 | 75.6 |

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BNA_M
**ClientSampleId :**
C0AW3

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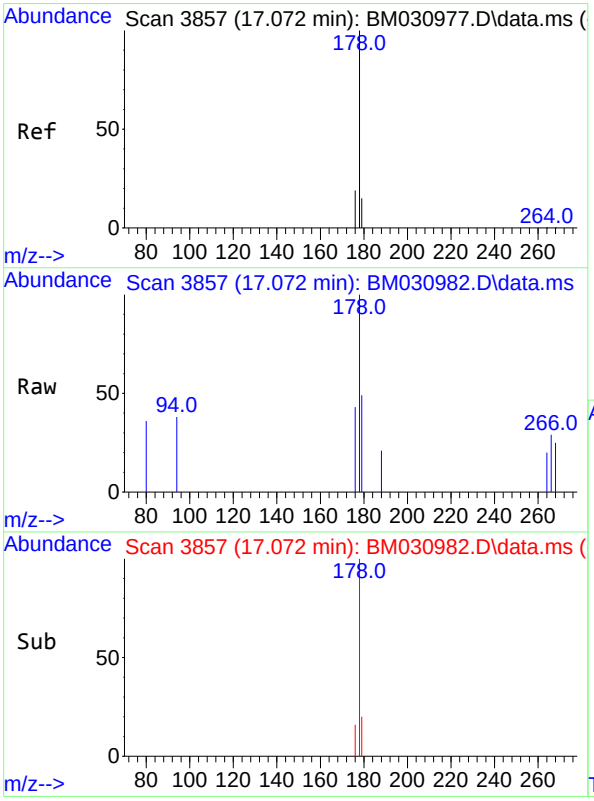
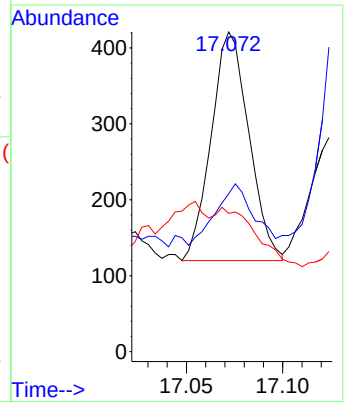
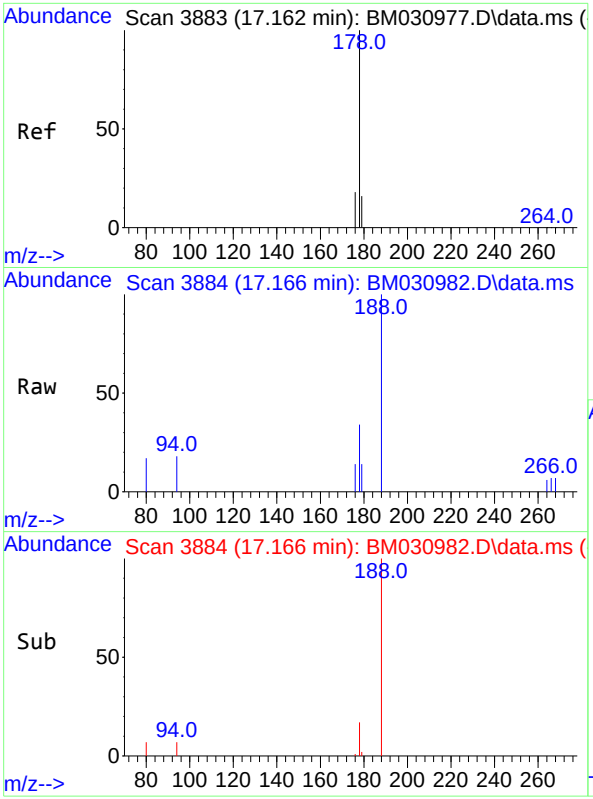



#15
Phenanthrene
Concen: 0.025 ng/ul
RT: 17.072 min Scan# 3857
Delta R.T. 0.000 min
Lab File: BM030982.D
Acq: 15 Jul 2021 15:41

Tgt Ion:178 Resp: 410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 49.4 | 13.8 | 20.6# |
| 176 | 43.2 | 16.4 | 24.6# |

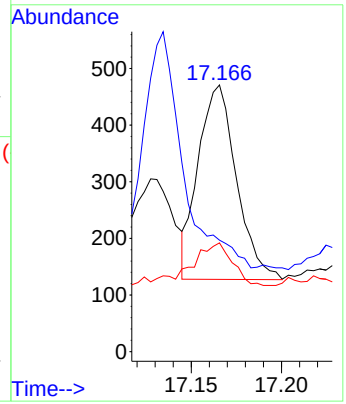





#16
Anthracene
Concen: 0.032 ng/ul
RT: 17.166 min Scan# 3884
Delta R.T. 0.003 min
Lab File: BM030982.D
Acq: 15 Jul 2021 15:41

Tgt Ion:178 Resp: 506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 41.8 | 14.5 | 21.7# |
| 176 | 40.8 | 16.1 | 24.1# |




**Instrument :**
BNA_M
**ClientSampleId :**
C0AW3

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