Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072616\
Data File : BM006660.D
Acq On : 26 Jul 2016 21:34
Operator : UM/SJ
Sample : H4062-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BDJC4

Quant Time: Jul 27 03:55:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 15:24:14 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 151387 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.39 | 136 | 676782 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.26 | 164 | 392987 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.02 | 188 | 910853 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.22 | 240 | 1062309 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.42 | 264 | 1112052 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.13 | 96 | 5210 | 1.34 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.79 | 99 | 191260 | 14.37 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 128239 | 15.69 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.15 | 132 | 152107 | 14.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.32 | 113 | 134549 | 12.89 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.76 | 128 | 72450 | 13.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.48 | 143 | 79662 | 14.11 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.02 | 165 | 138641 | 13.40 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.53 | 131 | 189329 | 18.01 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.67 | 166 | 470963 | 15.02 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.96 | 160 | 583889 | 14.81 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.50 | 143 | 49288 | 9.13 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.26 | 176 | 426699 | 15.69 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 33155 | 6.68 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.12 | 188 | 653171 | 15.37 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.42 | 212 | 750070 | 15.22 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.28 | 264 | 771658 | 15.33 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.44 | 128 | 55042 | 1.63 | ng/ul | 96 |
| 44) Dimethylphthalate | 13.72 | 163 | 189528 | 6.04 | ng/ul | 99 |
| 74) Fluoranthene | 19.08 | 202 | 123115 | 2.20 | ng/ul | 97 |
| 77) Pyrene | 19.45 | 202 | 118204 | 1.82 | ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.25 | 228 | 99907 | 1.58 | ng/ul | 94 |
| 82) Chrysene | 21.25 | 228 | 99907 | 1.73 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 22.76 | 252 | 114655 | 1.74 | ng/ul# | 92 |
| 86) Benzo(k)fluoranthene | 22.76 | 252 | 114655 | 1.90 | ng/ul# | 92 |
| 88) Benzo(a)pyrene | 23.32 | 252 | 101270 | 1.62 | ng/ul# | 94 |

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

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Misc :
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**Instrument :**
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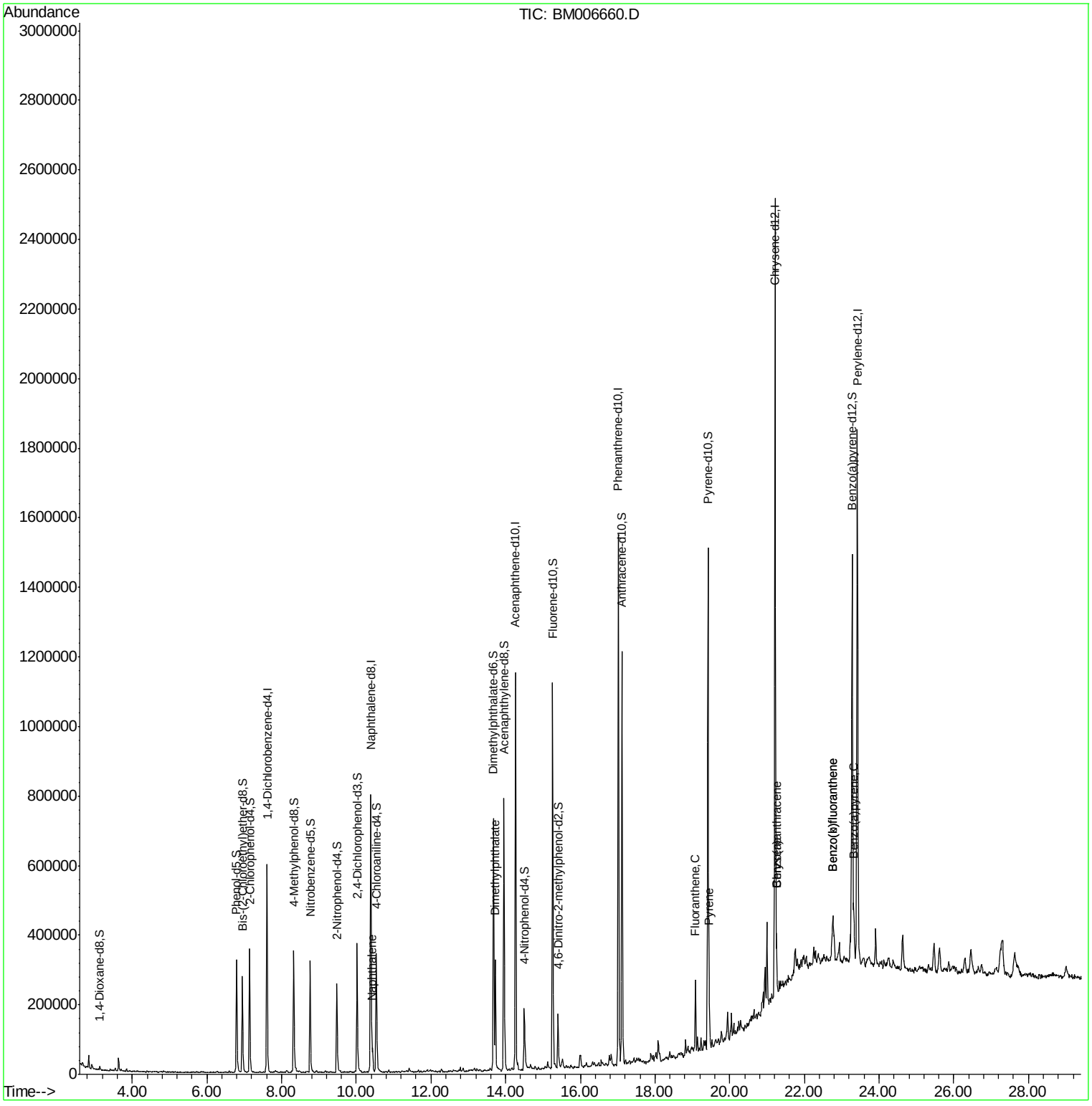
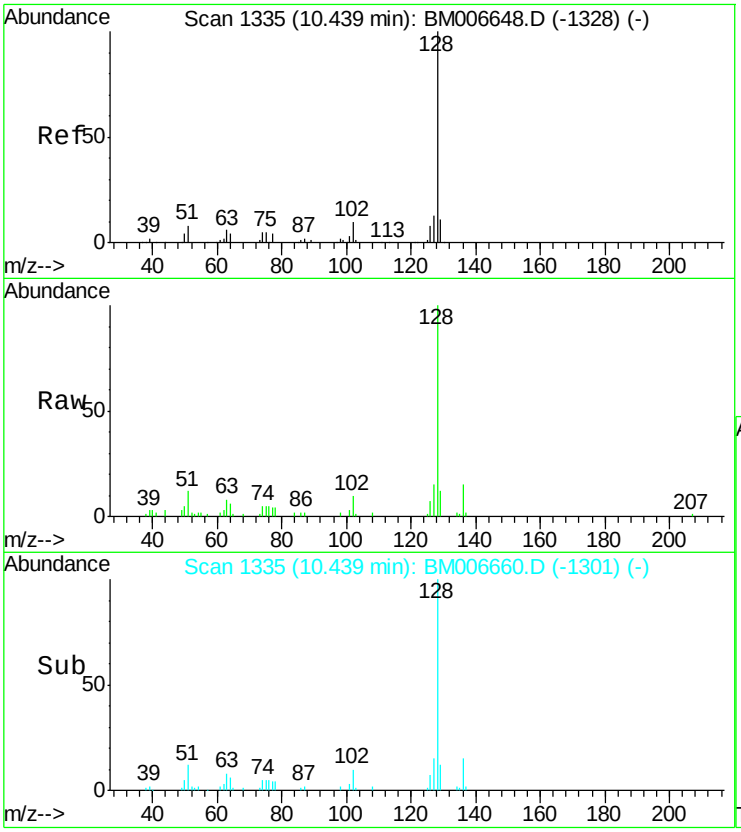
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 15:24:14 2016
Response via : Initial Calibration



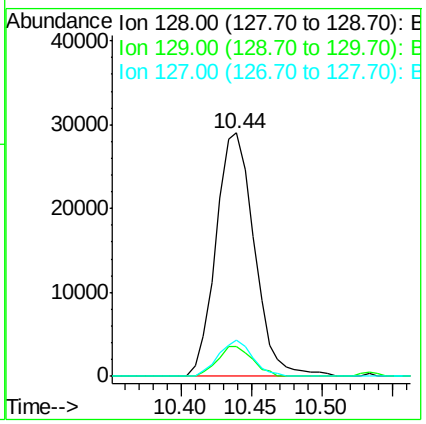


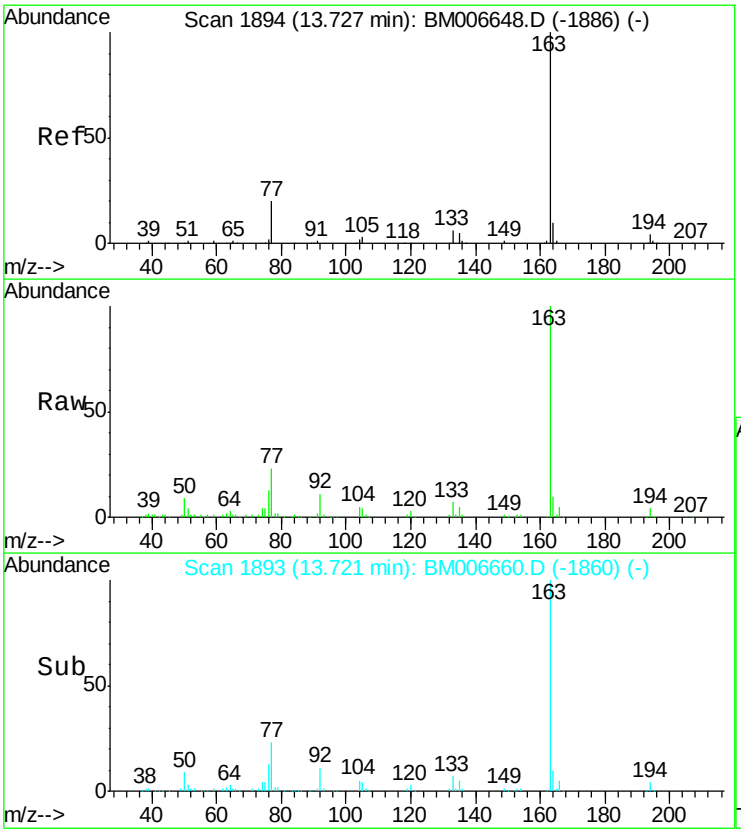

#28
Naphthalene
Concen: 1.63 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM006660.D
Acq: 26 Jul 2016 21:34

**Instrument :**
BNA_M
**ClientSampleId :**
BDJC4

Tgt Ion:128 Resp: 55042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.4 | 8.6 | 13.0 |
| 127 | 14.9 | 10.9 | 16.3 |

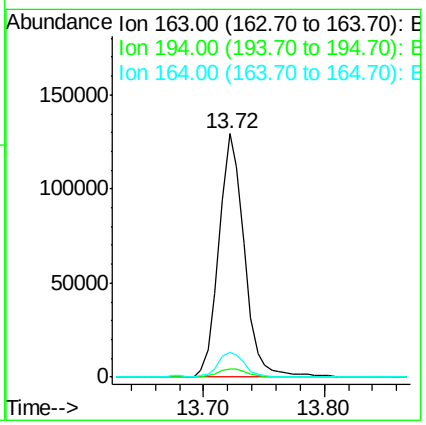


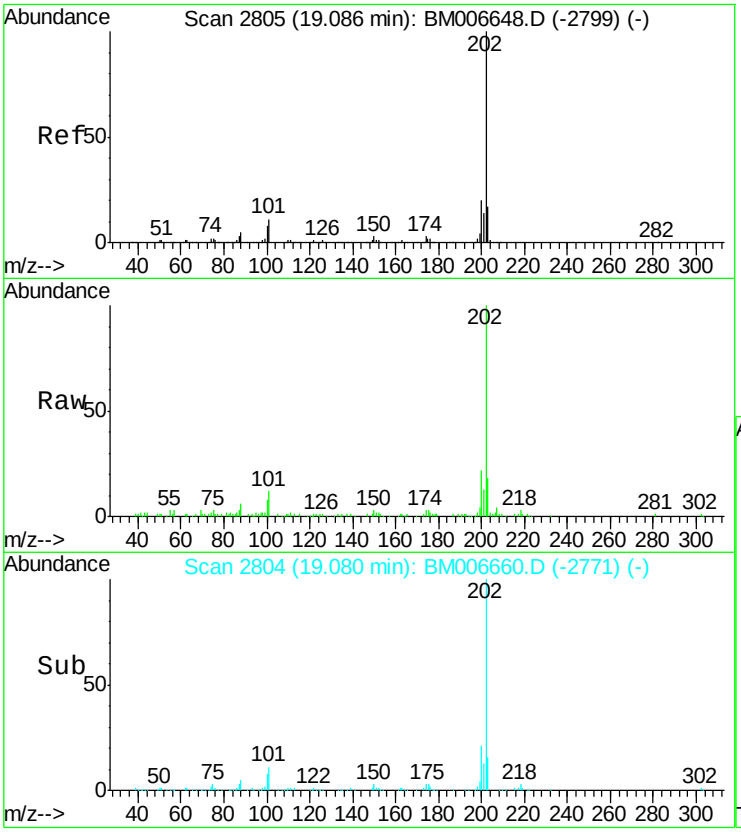




#44
Dimethylphthalate
Concen: 6.04 ng/ul
RT: 13.72 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM006660.D
Acq: 26 Jul 2016 21:34

Tgt Ion:163 Resp: 189528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 3.4 | 5.0 |
| 164 | 10.1 | 7.8 | 11.8 |



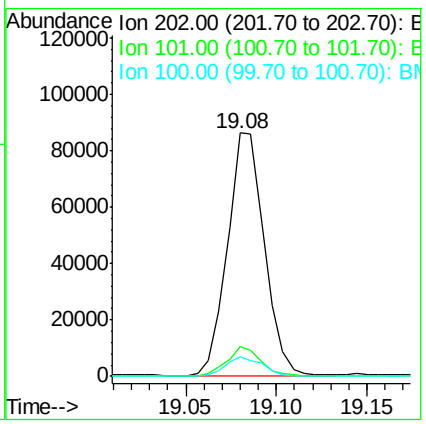


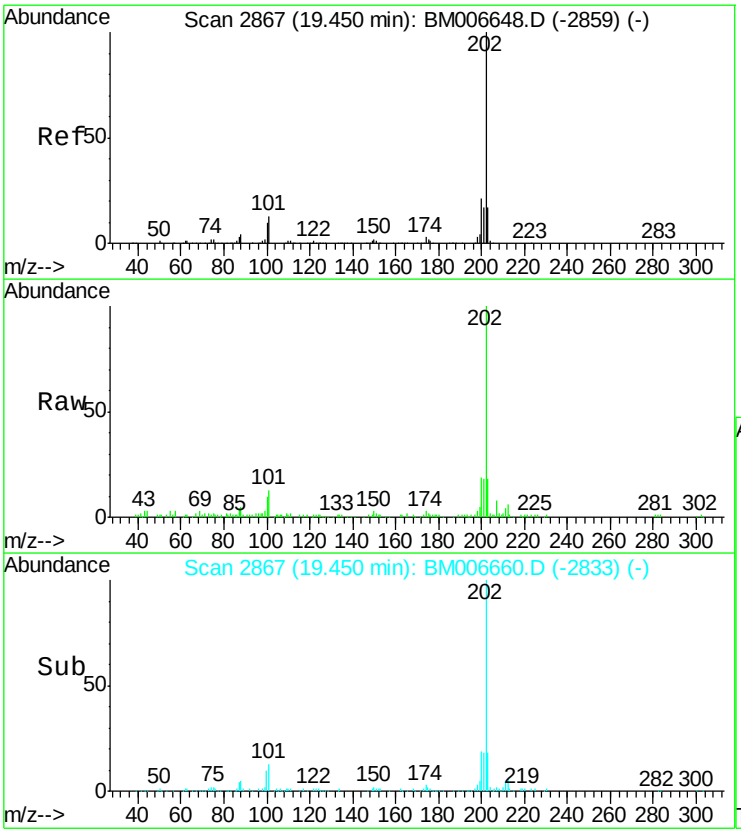

#74
Fluoranthene
Concen: 2.20 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM006660.D
Acq: 26 Jul 2016 21:34

**Instrument :**
BNA_M
**ClientSampleId :**
BDJC4

Tgt Ion:202 Resp: 123115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.3 | 8.6 | 12.8 |
| 100 | 8.2 | 6.4 | 9.6 |

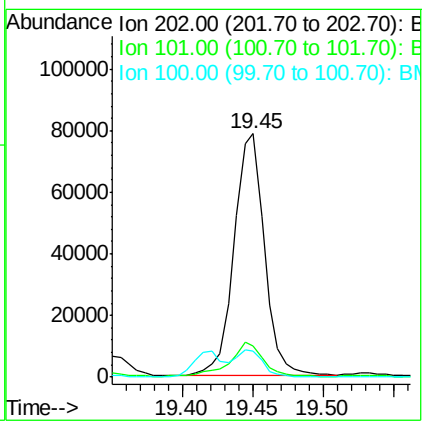


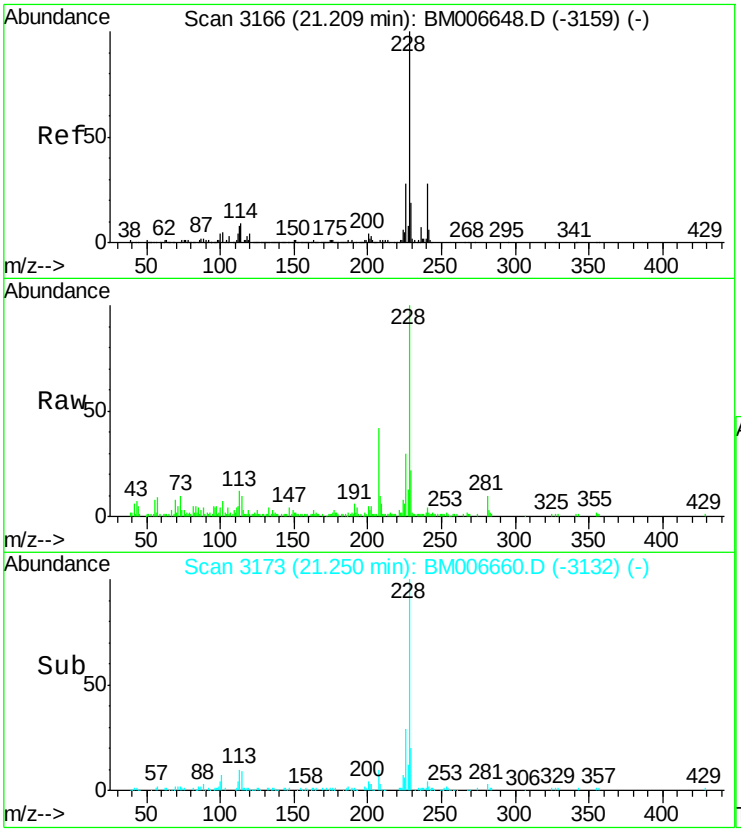




#77
Pyrene
Concen: 1.82 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BM006660.D
Acq: 26 Jul 2016 21:34

Tgt Ion:202 Resp: 118204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.7 | 10.0 | 15.0 |
| 100 | 10.5 | 7.9 | 11.9 |



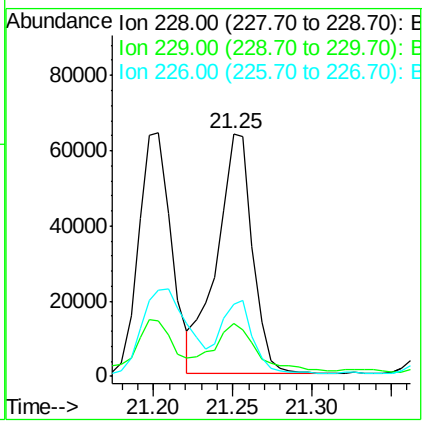


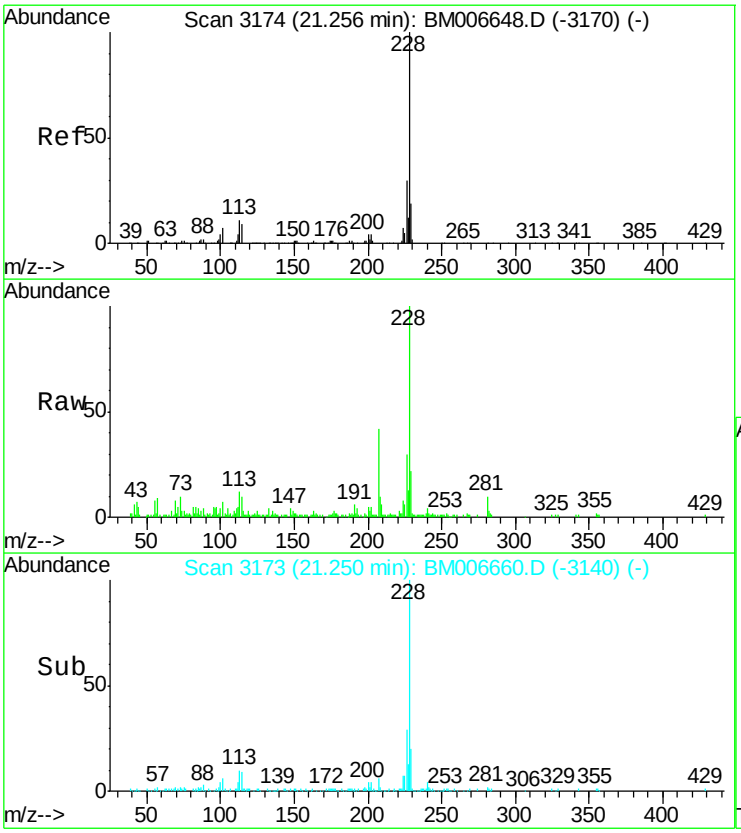

#80
Benzo(a)anthracene
Concen: 1.58 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.04 min
Lab File: BM006660.D
Acq: 26 Jul 2016 21:34

**Instrument :**
BNA_M
**ClientSampleId :**
BDJC4

Tgt Ion:228 Resp: 99907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.7 | 15.6 | 23.4 |
| 226 | 30.0 | 21.4 | 32.2 |




#82
Chrysene
Concen: 1.73 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BM006660.D
Acq: 26 Jul 2016 21:34

Tgt Ion:228 Resp: 99907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 23.3 | 34.9 |
| 229 | 21.7 | 15.8 | 23.8 |