Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008616.D
Acq On : 24 Dec 2016 04:37
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DA875

**Manual Integrations APPROVED**
sohil
12/26/2016 6:26:04 PM

Quant Time: Dec 24 06:19:53 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 04:56:03 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 514 | 0.40 | ng/ul | -0.09 |
| 2) Naphthalene-d8 | 10.40 | 136 | 1614 | 0.40 | ng/ul | -0.10 |
| 6) Acenaphthene-d10 | 14.14 | 164 | 1029 | 0.40 | ng/ul | -0.17 |
| 10) Phenanthrene-d10 | 17.04 | 188 | 2410m | 0.40 | ng/ul | -0.05 |
| 16) Chrysene-d12 | 21.25 | 240 | 1827m | 0.40 | ng/ul | -0.02 |
| 20) Perylene-d12 | 23.47 | 264 | 1640m | 0.40 | ng/ul | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.00 | 152 | 1089 | 0.44 | ng/ul | -0.10 |
| 14) Fluoranthene-d10 | 19.08 | 212 | 1777m | 0.27 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.45 | 128 | 193584 | 42.63 | ng/ul# | 93 |
| 5) 2-Methylnaphthalene | 12.07 | 142 | 111972 | 36.64 | ng/ul | 98 |
| 8) Acenaphthene | 14.33 | 153 | 4341m | 1.24 | ng/ul | |
| 9) Fluorene | 15.34 | 166 | 10463m | 2.62 | ng/ul | |

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

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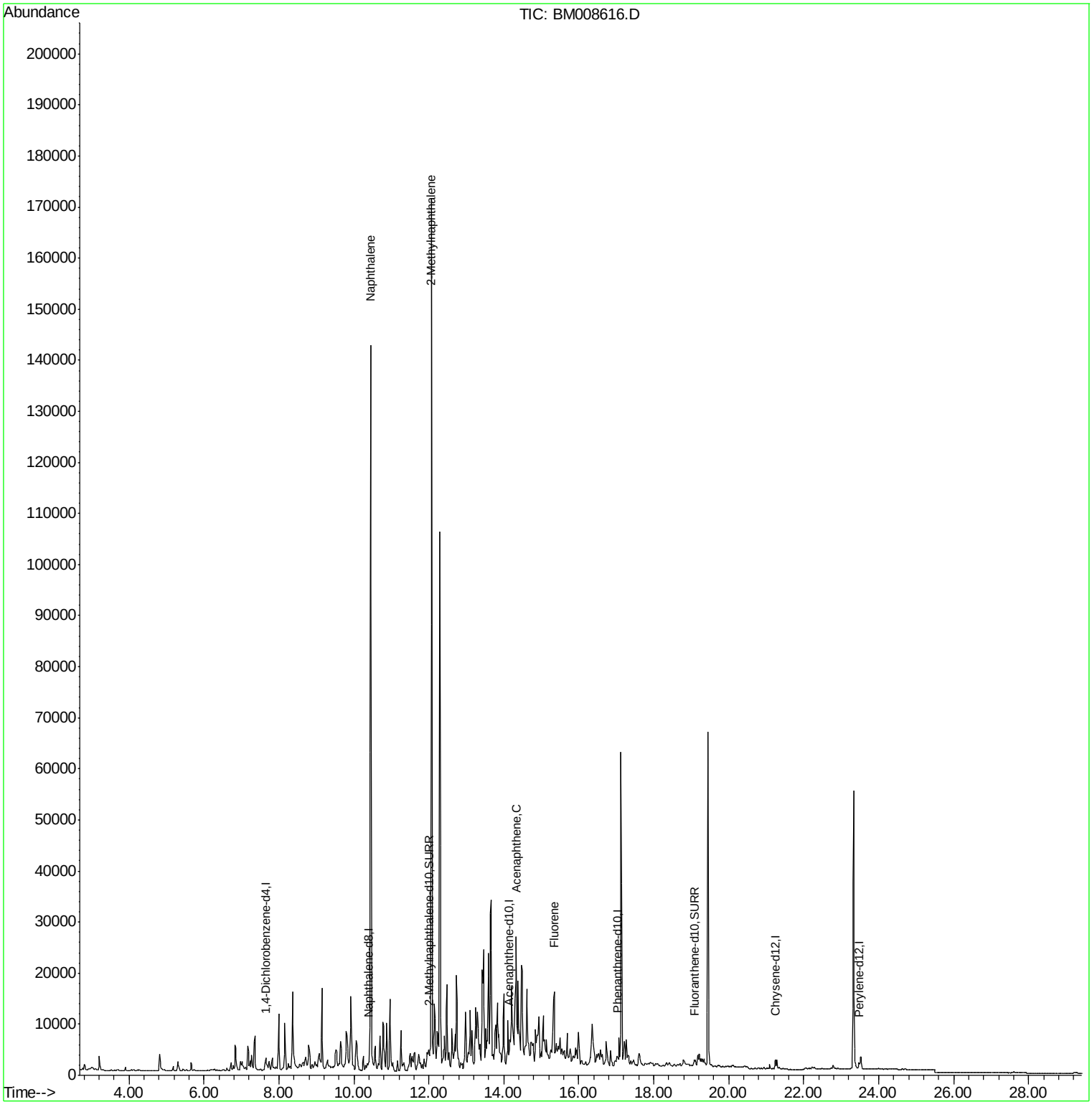
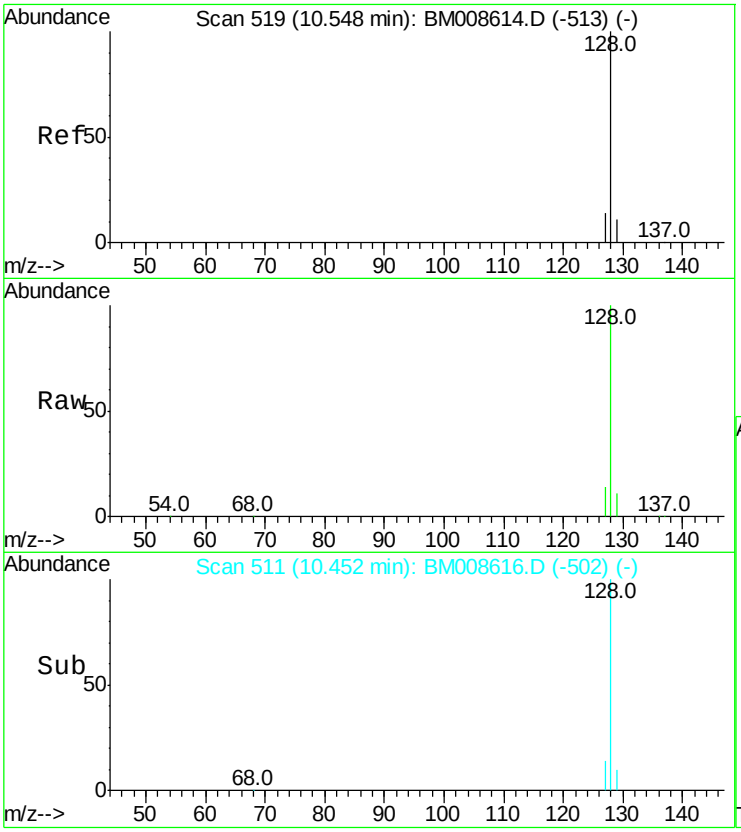
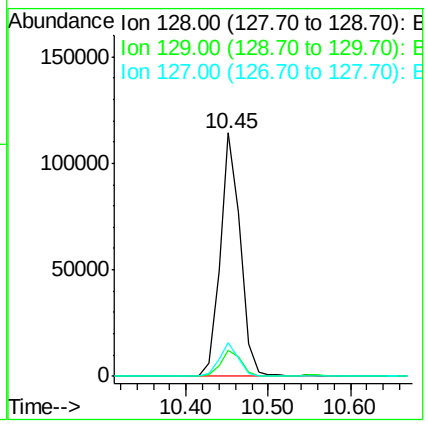





#3
Naphthalene
Concen: 42.63 ng/ul
RT: 10.45 min Scan# 511
Delta R.T. -0.10 min
Lab File: BM008616.D
Acq: 24 Dec 2016 04:37

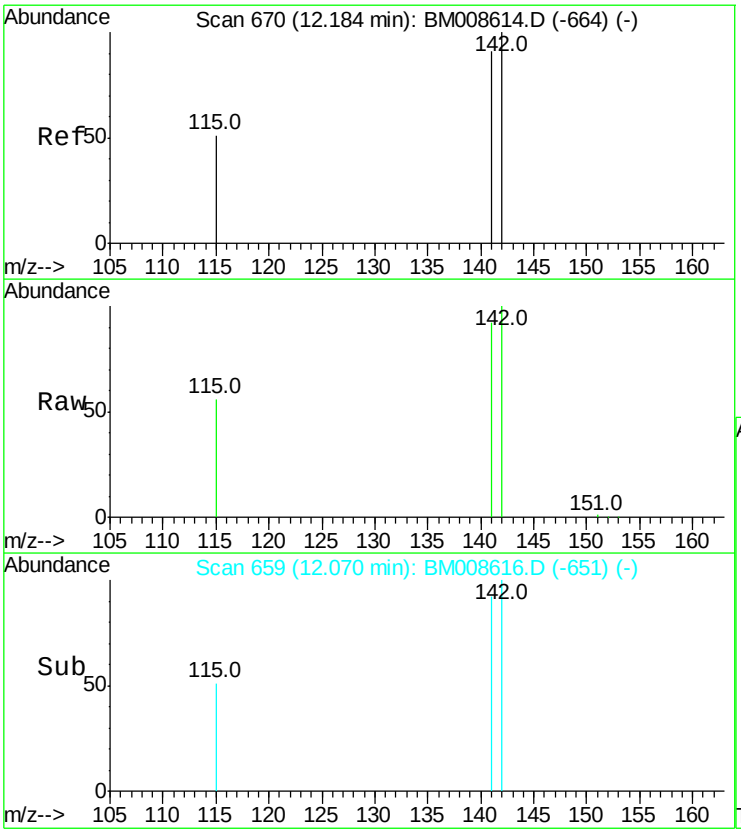
Tgt Ion:128 Resp: 193584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 11.3 | 16.9# |
| 127 | 13.7 | 12.8 | 19.2 |




**Instrument :**
BNA_M
**ClientSampleId :**
DA875

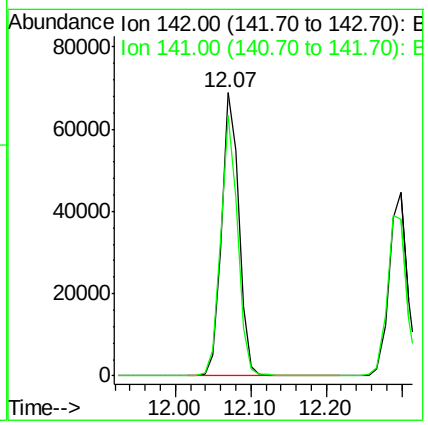
**Manual Integrations APPROVED**
sohil
12/26/2016 6:26:04 PM

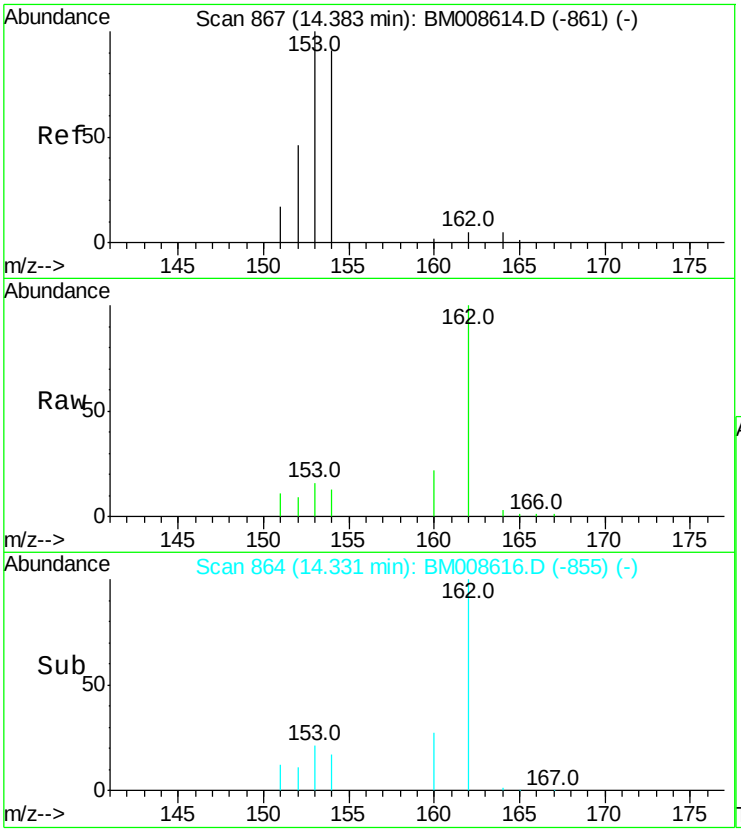



#5
2-Methylnaphthalene
Concen: 36.64 ng/ul
RT: 12.07 min Scan# 659
Delta R.T. -0.11 min
Lab File: BM008616.D
Acq: 24 Dec 2016 04:37

Tgt Ion:142 Resp: 111972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.1 | 72.6 | 108.8 |

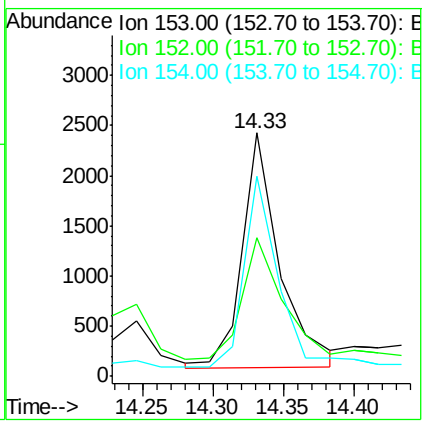





#8
Acenaphthene
Concen: 1.24 ng/ul m
RT: 14.33 min Scan# 864
Delta R.T. -0.05 min
Lab File: BM008616.D
Acq: 24 Dec 2016 04:37

Tgt Ion:153 Resp: 4341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 56.7 | 40.3 | 60.5 |
| 154 | 82.1 | 71.4 | 107.2 |




**Instrument :**
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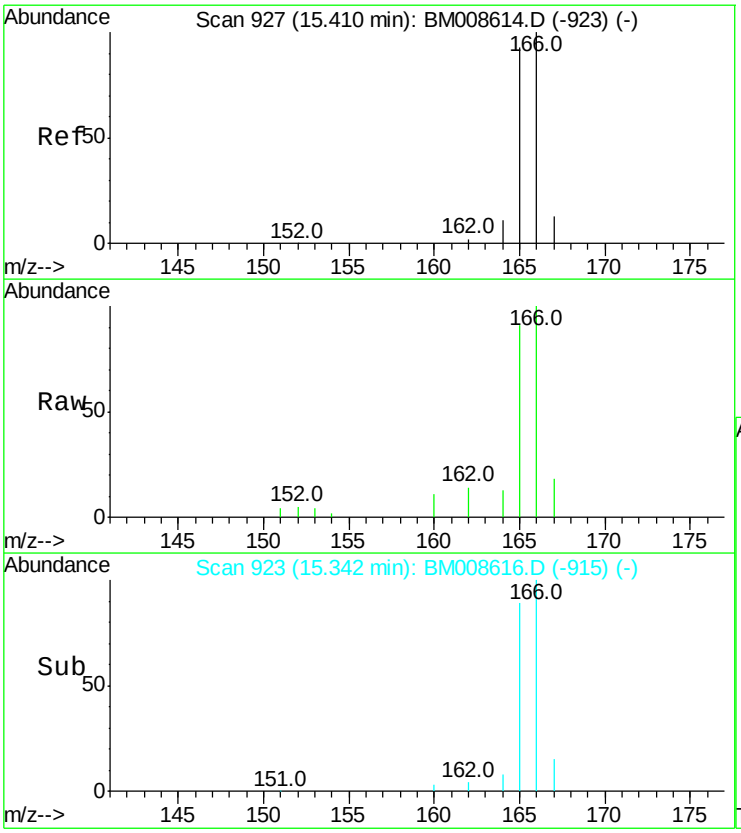


#9
Fluorene
Concen: 2.62 ng/ul m
RT: 15.34 min Scan# 923
Delta R.T. -0.07 min
Lab File: BM008616.D
Acq: 24 Dec 2016 04:37

Tgt Ion:166 Resp: 10463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.2 | 73.4 | 110.2 |
| 167 | 18.0 | 14.6 | 22.0 |