Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014469.D
Acq On : 05 Mar 2018 12:47
Operator : SJ/JU
Sample : J1631-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE603

**Manual Integrations APPROVED**
Sohil
3/6/2018 5:46:48 PM

Quant Time: Mar 05 14:32:29 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.51 | 152 | 84526 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.29 | 136 | 343735 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.17 | 164 | 197529 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.94 | 188 | 431146 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.16 | 240 | 400874 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.34 | 264 | 354339 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.09 | 96 | 8828 | 4.47 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.73 | 99 | 189527 | 26.53 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.86 | 67 | 125732 | 29.07 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.06 | 132 | 162594 | 29.68 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.25 | 113 | 163837 | 26.21 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.67 | 128 | 80124 | 31.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.39 | 143 | 95226 | 36.22 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.95 | 165 | 146030 | 26.82 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.45 | 131 | 135078 | 25.18 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.60 | 166 | 492329 | 30.18 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.87 | 160 | 620140 | 30.83 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.50 | 143 | 45025m | 19.99 | ng/ul | 0.04 |
| 57) Fluorene-d10 | 15.18 | 176 | 411294 | 28.14 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 53422 | 20.66 | ng/ul | 0.01 |
| 70) Anthracene-d10 | 17.04 | 188 | 581099 | 27.94 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.35 | 212 | 587356 | 28.41 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.20 | 264 | 474659 | 27.52 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.64 | 163 | 82415 | 5.124 | ng/ul | 96 |
| 80) Benzo(a)anthracene | 21.14 | 228 | 35186m | 1.406 | ng/ul | |
| 81) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 28709 | 1.820 | ng/ul | 95 |
| 82) Chrysene | 21.20 | 228 | 35114 | 1.505 | ng/ul | 95 |

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

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BNA_M
**ClientSampleId :**
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**Manual Integrations APPROVED**
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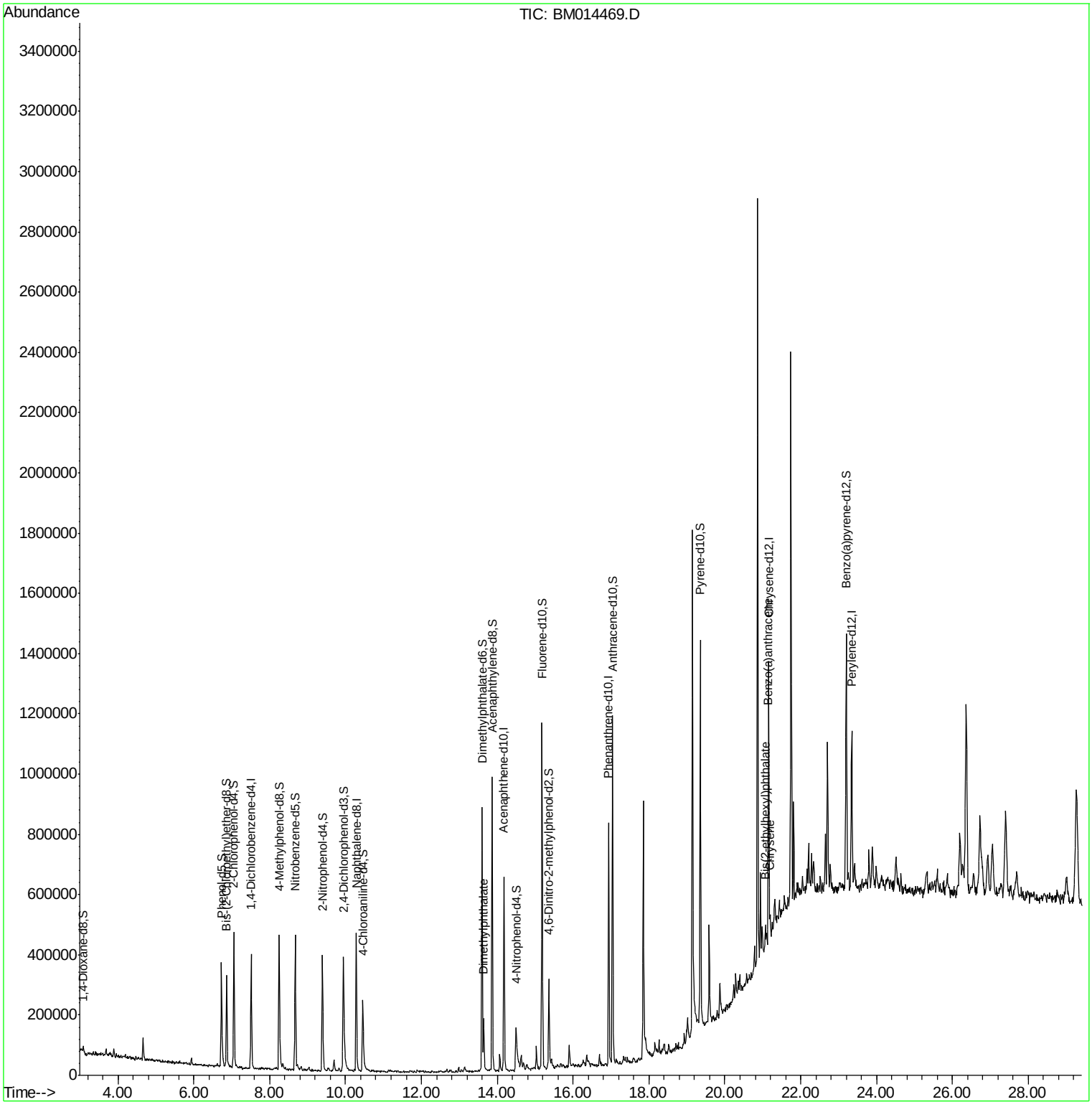
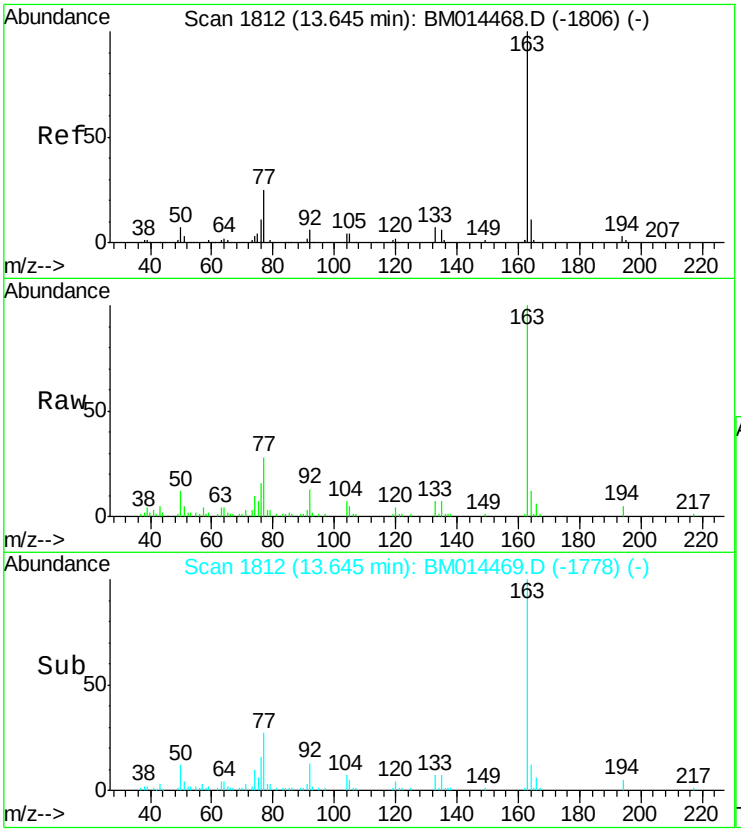
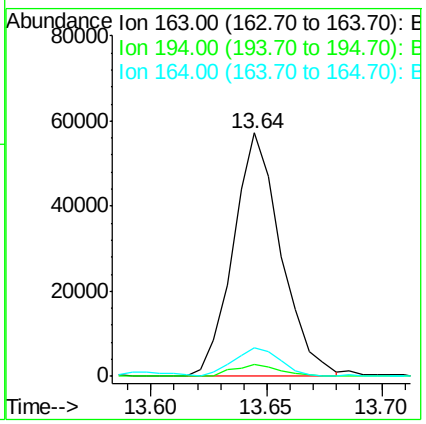





#44
Dimethylphthalate
Concen: 5.124 ng/ul
RT: 13.64 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BM014469.D
Acq: 05 Mar 2018 12:47

Tgt Ion:163 Resp: 82415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.1 | 3.5 | 5.3 |
| 164 | 12.0 | 8.2 | 12.4 |

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**Manual Integrations APPROVED**
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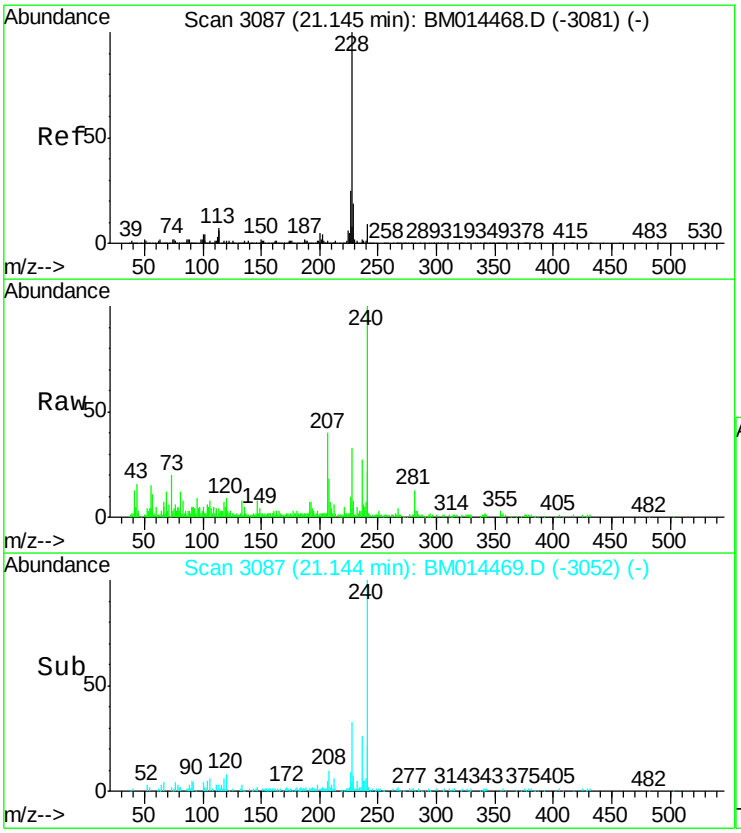
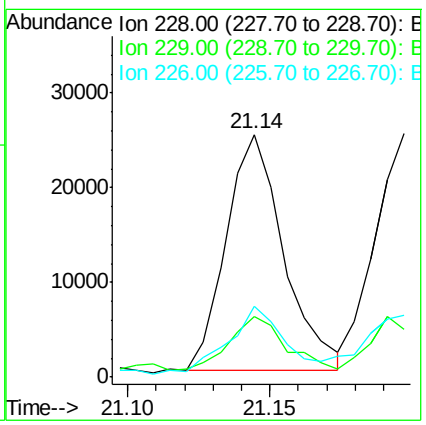
3/6/2018 5:46:48 PM

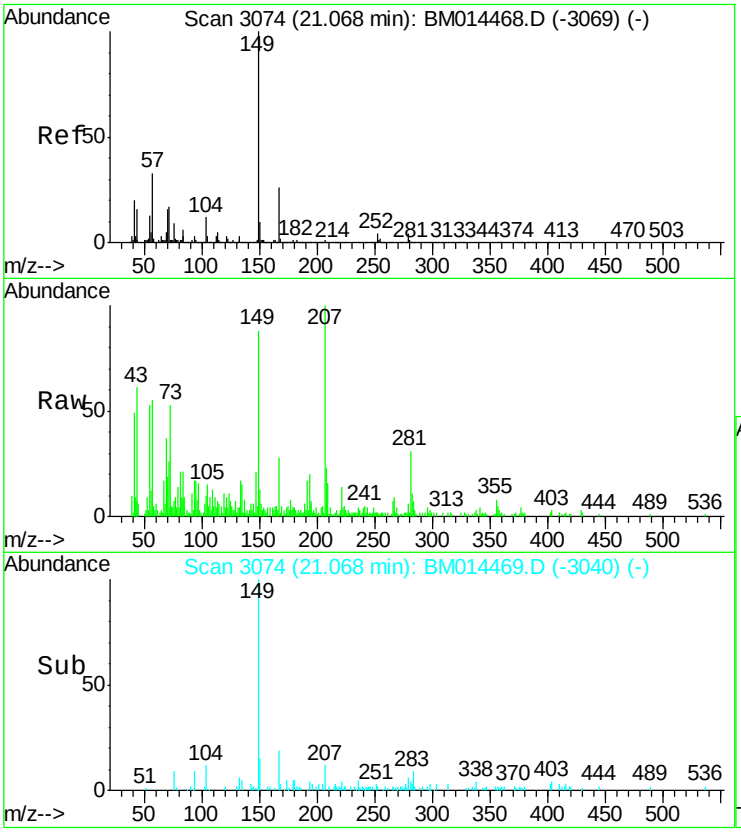



#80
Benzo(a)anthracene
Concen: 1.406 ng/ul m
RT: 21.14 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM014469.D
Acq: 05 Mar 2018 12:47

Tgt Ion:228 Resp: 35186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 24.7 | 15.4 | 23.0# |
| 226 | 29.2 | 21.4 | 32.0 |

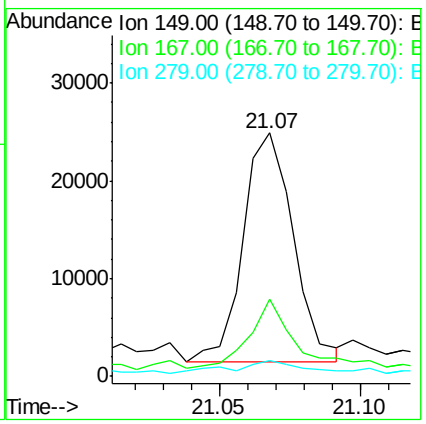





#81
Bis(2-ethylhexyl)phthalate
Concen: 1.820 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.00 min
Lab File: BM014469.D
Acq: 05 Mar 2018 12:47

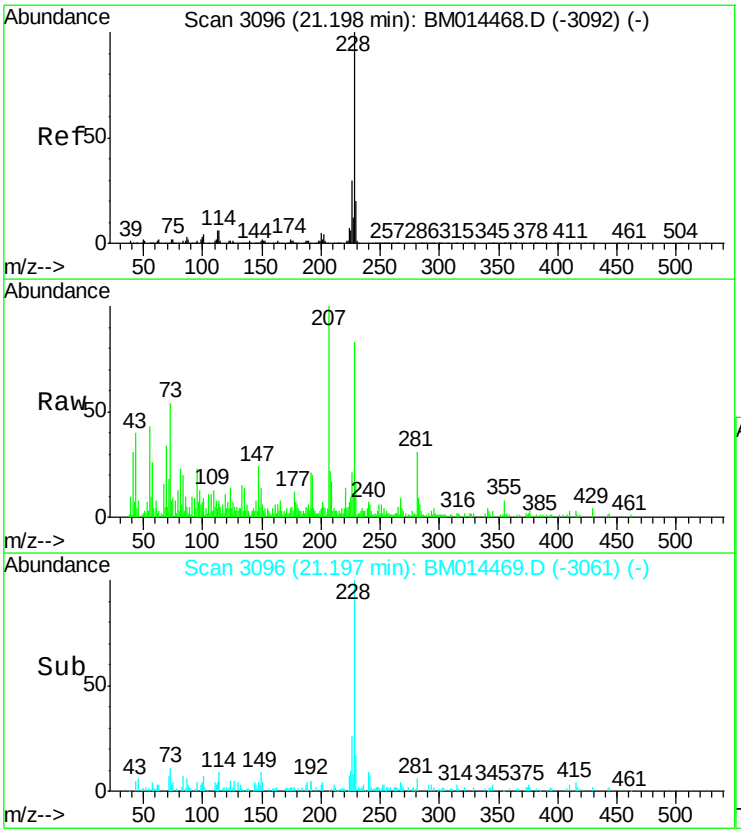
Tgt Ion:149 Resp: 28709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 31.8 | 22.8 | 34.2 |
| 279 | 6.6 | 4.9 | 7.3 |




**Instrument :**
BNA_M
**ClientSampleId :**
BE603

**Manual Integrations APPROVED**
Sohil
3/6/2018 5:46:48 PM




#82
Chrysene
Concen: 1.505 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM014469.D
Acq: 05 Mar 2018 12:47

Tgt Ion:228 Resp: 35114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 25.2 | 23.4 | 35.2 |
| 229 | 19.7 | 15.5 | 23.3 |