Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061616\
Data File : BM005826.D
Acq On : 16 Jun 2016 04:39
Operator : UM/SJ
Sample : H3535-12MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9XX1MS

Quant Time: Jun 16 05:26:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 16 01:45:55 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 79107 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.52 | 136 | 398837 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.38 | 164 | 272995 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.13 | 188 | 669434 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.31 | 240 | 789330 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.56 | 264 | 719555 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.18 | 96 | 2567 | 1.50 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.92 | 99 | 94892 | 14.60 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 70715 | 18.29 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.27 | 132 | 87692 | 16.20 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.46 | 113 | 55845 | 10.17 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 128 | 47566 | 16.84 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.62 | 143 | 48241 | 15.37 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.16 | 165 | 91488 | 15.24 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.68 | 131 | 38652 | 5.86 | ng/ul | 0.01 |
| 16) Dimethylphthalate-d6 | 13.79 | 166 | 351282 | 16.21 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.07 | 160 | 492110 | 17.87 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.62 | 143 | 44736 | 17.96 | ng/ul | 0.00 |
| 21) Fluorene-d10 | 15.37 | 176 | 362135 | 20.06 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 40641 | 13.57 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.22 | 188 | 578184 | 18.62 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.52 | 212 | 694594 | 18.08 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.42 | 264 | 591000 | 17.78 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 18) Acenaphthylene | 14.44 | 152 | 153159 | 5.52 | ng/ul# | 1 |
| 19) Acenaphthene | 14.44 | 153 | 323839 | 17.81 | ng/ul | 99 |
| 28) Fluoranthene | 19.55 | 202 | 877219 | 22.44 | ng/ul | 97 |
| 31) Pyrene | 19.55 | 202 | 877219 | 18.09 | ng/ul | 95 |

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

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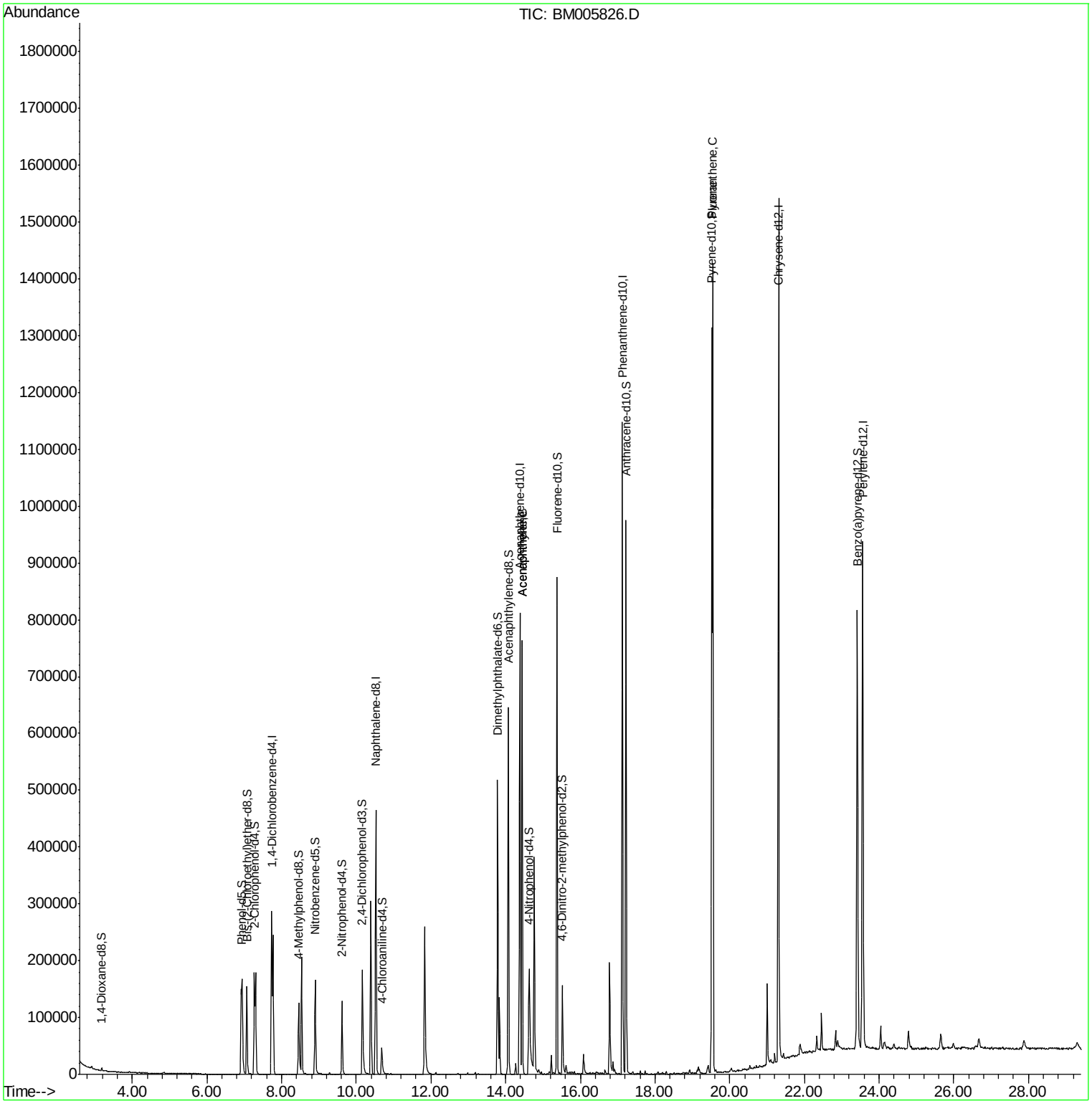
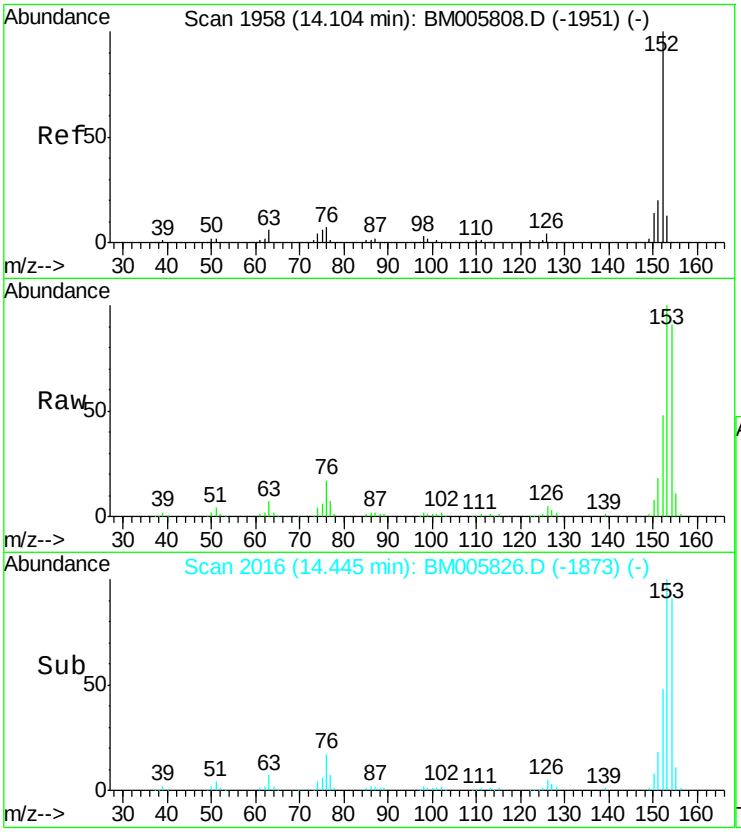
Sample : H3535-12MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
D9XX1MS

Quant Time: Jun 16 05:26:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 16 01:45:55 2016
Response via : Initial Calibration



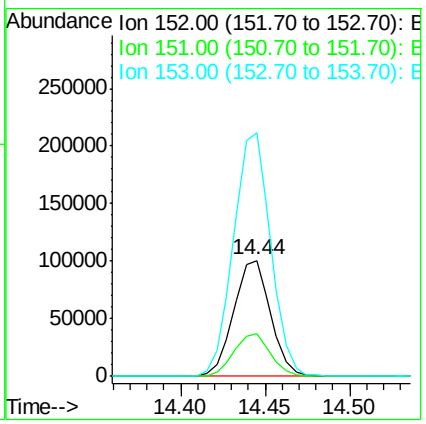


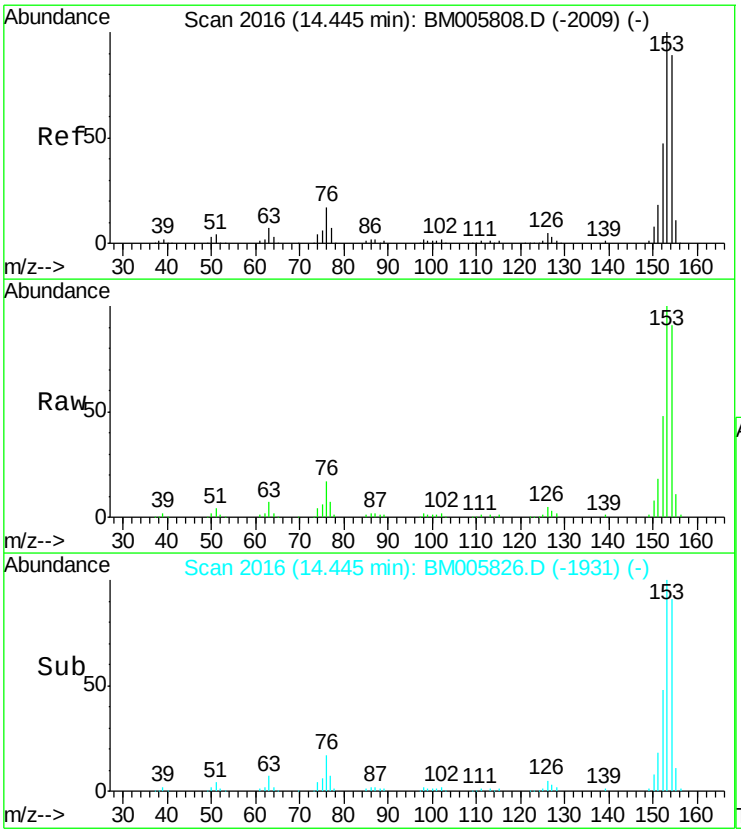

#18
Acenaphthylene
Concen: 5.52 ng/ul
RT: 14.44 min Scan# 2016
Delta R.T. 0.34 min
Lab File: BM005826.D
Acq: 16 Jun 2016 04:39

**Instrument :**
BNA_M
**ClientSampleId :**
D9XX1MS

Tgt Ion:152 Resp: 153159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 36.9 | 15.8 | 23.6# |
| 153 | 209.8 | 10.3 | 15.5# |

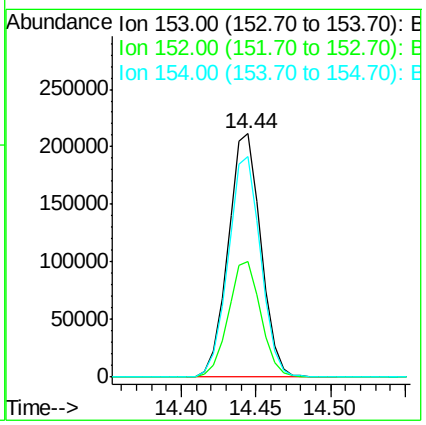


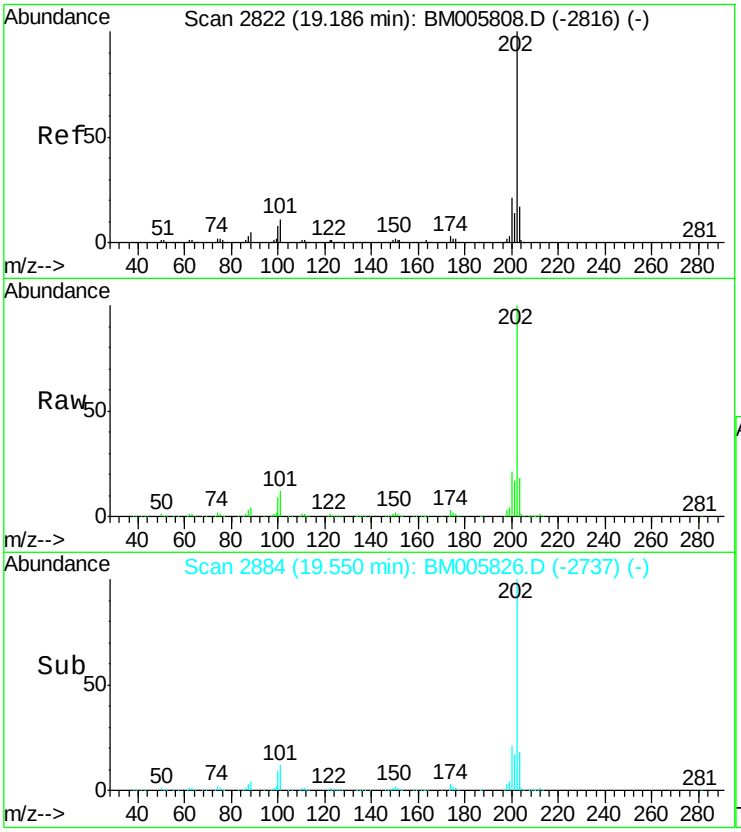




#19
Acenaphthene
Concen: 17.81 ng/ul
RT: 14.44 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BM005826.D
Acq: 16 Jun 2016 04:39

Tgt Ion:153 Resp: 323839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 47.7 | 38.1 | 57.1 |
| 154 | 90.5 | 71.6 | 107.4 |



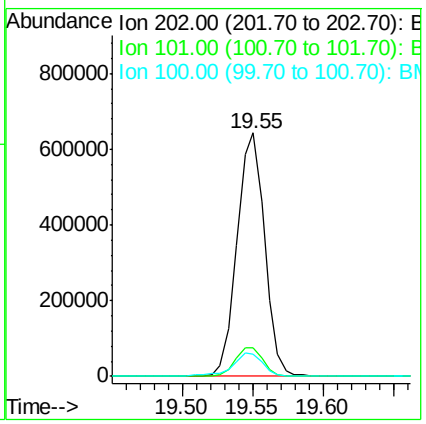


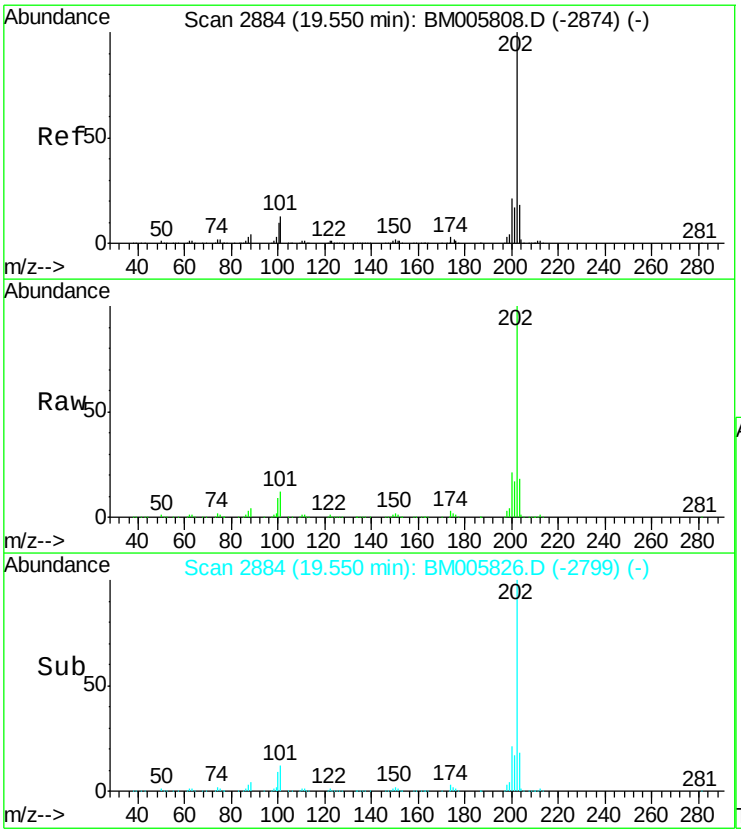

#28
Fluoranthene
Concen: 22.44 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. 0.36 min
Lab File: BM005826.D
Acq: 16 Jun 2016 04:39

**Instrument :**
BNA_M
**ClientSampleId :**
D9XX1MS

Tgt Ion:202 Resp: 877219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 8.5 | 12.7 |
| 100 | 9.2 | 6.5 | 9.7 |




#31
Pyrene
Concen: 18.09 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BM005826.D
Acq: 16 Jun 2016 04:39

Tgt Ion:202 Resp: 877219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 11.0 | 16.4 |
| 100 | 9.2 | 8.9 | 13.3 |