Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022923.D
Acq On : 03 Oct 2019 16:48
Operator : JU
Sample : K4932-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFDG7

**Manual Integrations APPROVED**
mohammad
10/4/2019 10:13:36 AM

Quant Time: Oct 04 03:02:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 02:36:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 248118 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.59 | 136 | 1074367 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.43 | 164 | 677200 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.17 | 188 | 1328992 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.35 | 240 | 1013649 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.61 | 264 | 1015718 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.26 | 96 | 34348 | 5.99 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.96 | 99 | 213375 | 9.73 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.13 | 67 | 335651 | 27.98 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.33 | 132 | 453784 | 25.70 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.50 | 113 | 352745 | 19.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.95 | 128 | 260602 | 31.43 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.67 | 143 | 291919 | 32.24 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.21 | 165 | 553088 | 30.68 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.72 | 131 | 312656 | 14.28 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.85 | 166 | 1741406 | 33.13 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.12 | 160 | 1934771 | 31.88 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.64 | 143 | 105924 | 10.20 | ng/ul | 0.02 |
| 58) Fluorene-d10 | 15.43 | 176 | 1461736 | 32.63 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 222610 | 25.74 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.27 | 188 | 2283823 | 35.19 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.56 | 212 | 2344277 | 42.97 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.47 | 264 | 1874344 | 35.67 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.99 | 94 | 53866 | 2.344 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.24 | 108 | 194358 | 10.973 | ng/ul | 99 |
| 16) 4-Methylphenol | 8.56 | 108 | 709881 | 36.245 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.77 | 107 | 973976m | 48.307 | ng/ul | |
| 28) Naphthalene | 10.64 | 128 | 1036347 | 17.861 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.25 | 142 | 325690 | 7.487 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.89 | 163 | 824822 | 15.277 | ng/ul | 100 |

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

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**Instrument :**
BNA_M
**ClientSampleId :**
BFDG7

**Manual Integrations APPROVED**
mohammad
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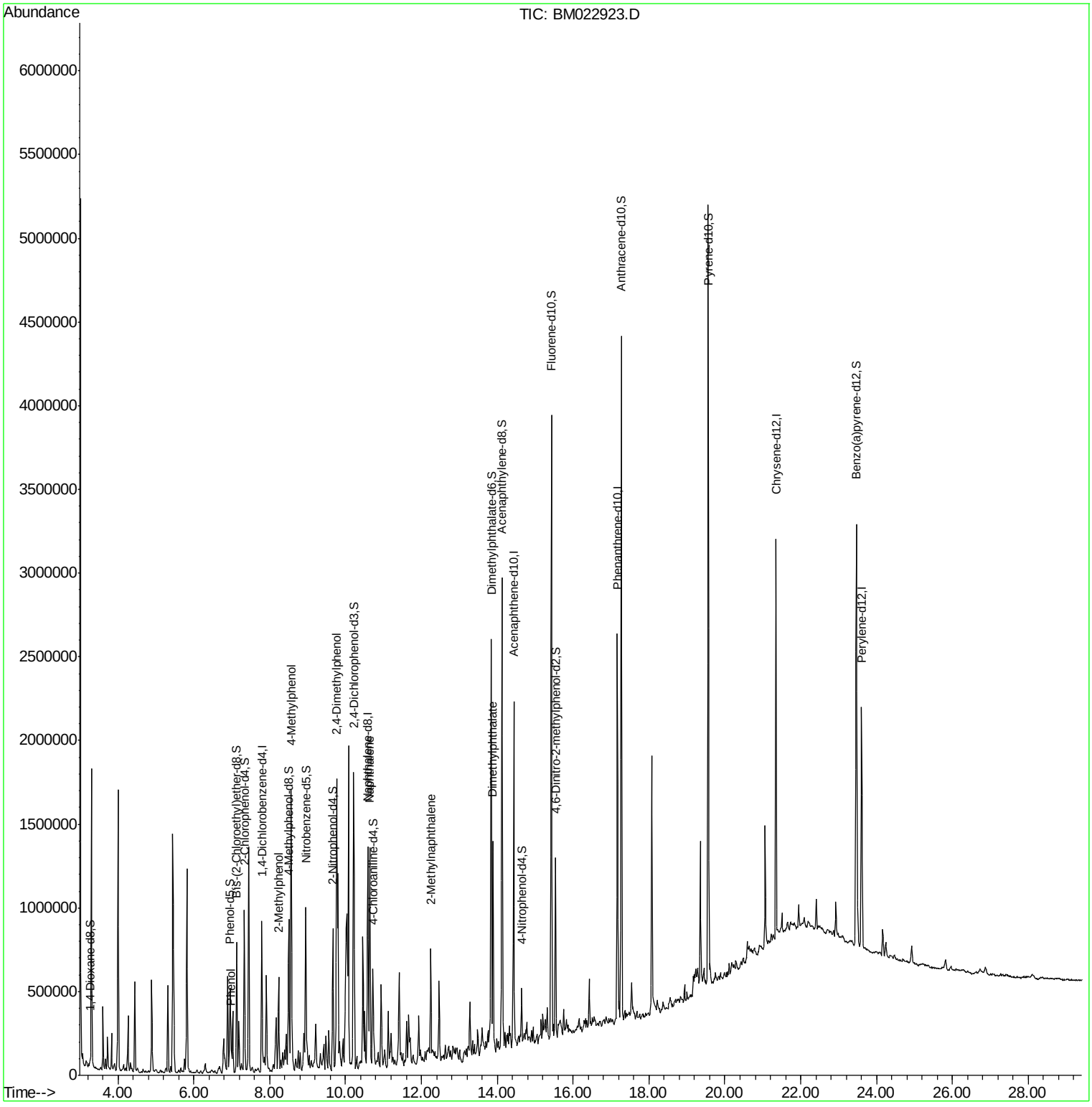
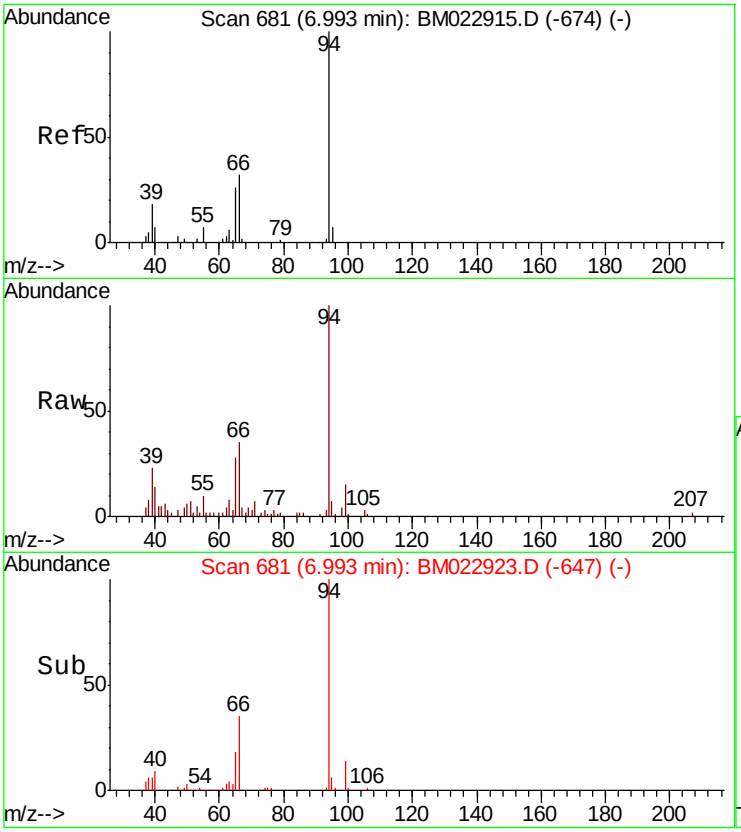
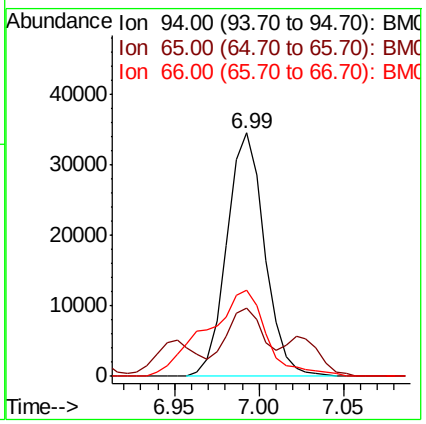





#6
Phenol
Concen: 2.344 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM022923.D
Acq: 03 Oct 2019 16:48

Tgt Ion: 94 Resp: 53866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.2 | 20.9 | 31.3 |
| 66 | 35.5 | 27.2 | 40.8 |




**Instrument :**
BNA_M
**ClientSampleId :**
BFDG7

**Manual Integrations APPROVED**
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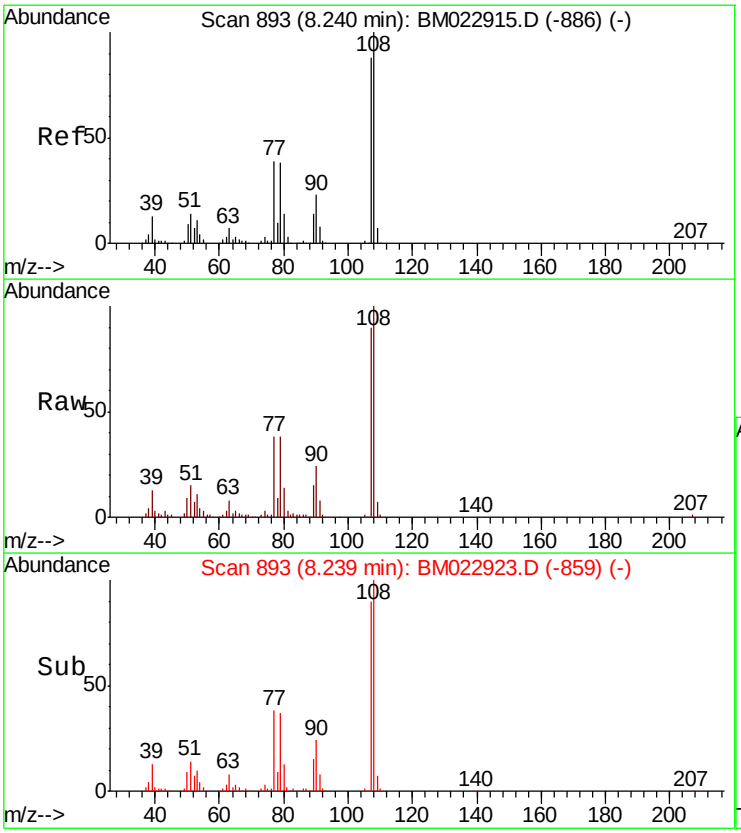
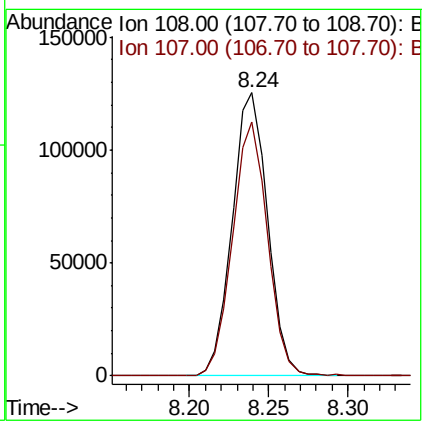
10/4/2019 10:13:36 AM

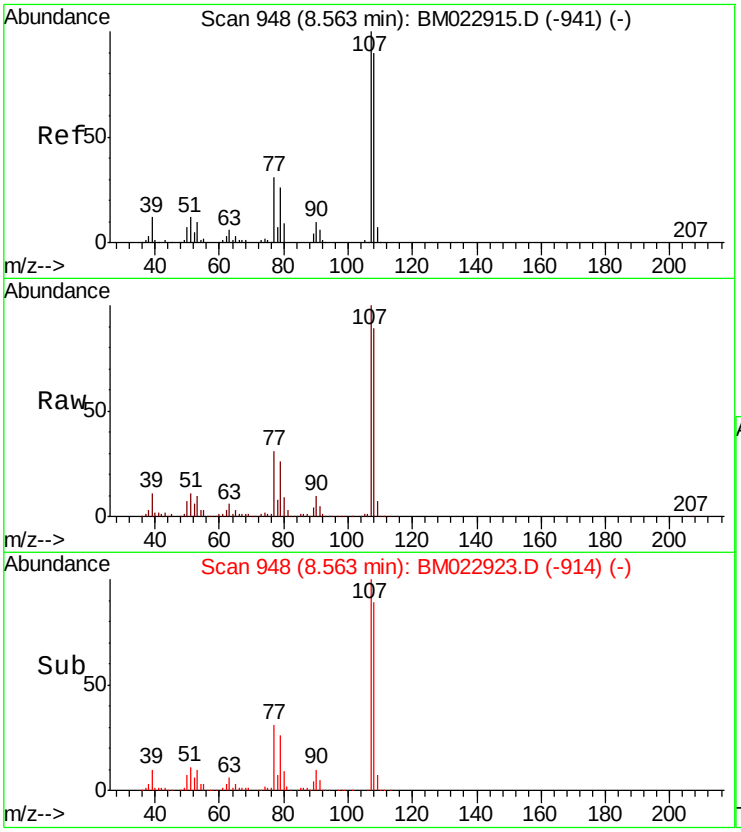



#11
2-Methylphenol
Concen: 10.973 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. -0.00 min
Lab File: BM022923.D
Acq: 03 Oct 2019 16:48

Tgt Ion:108 Resp: 194358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 107 | 89.9 | 71.0 | 106.4 |

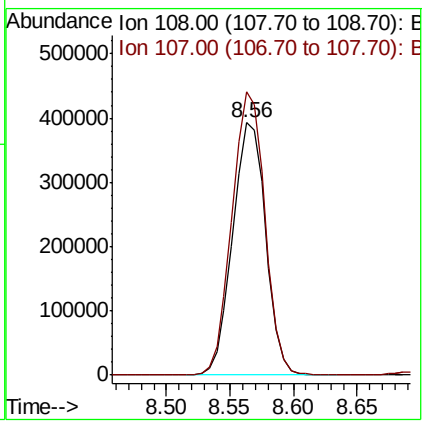





#16
4-Methylphenol
Concen: 36.245 ng/ul
RT: 8.56 min Scan# 948
Delta R.T. -0.00 min
Lab File: BM022923.D
Acq: 03 Oct 2019 16:48

Tgt Ion:108 Resp: 709881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 107 | 112.2 | 87.9 | 131.9 |




**Instrument :**
BNA_M
**ClientSampleId :**
BFDG7

**Manual Integrations APPROVED**
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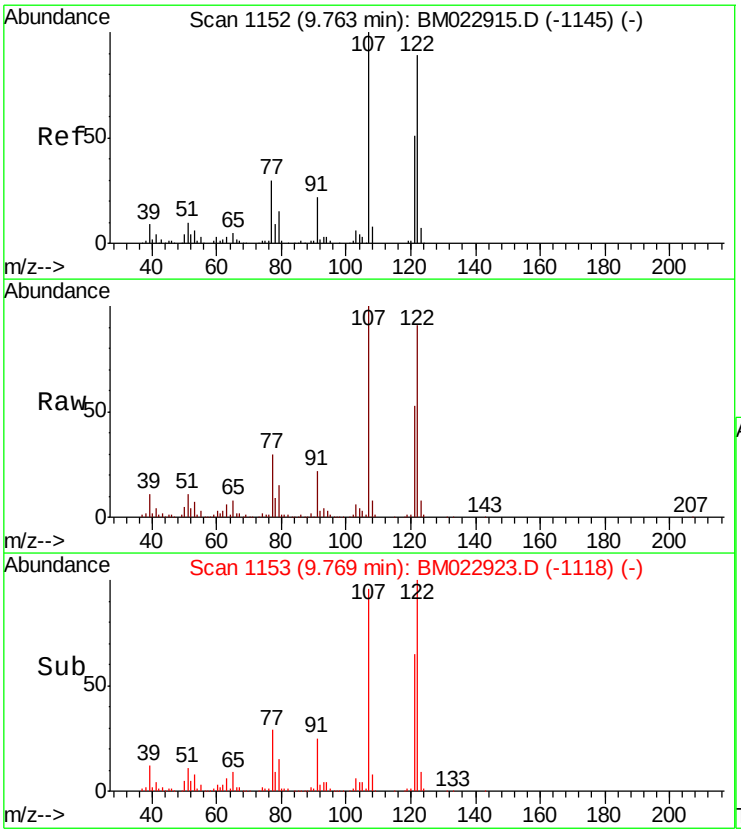
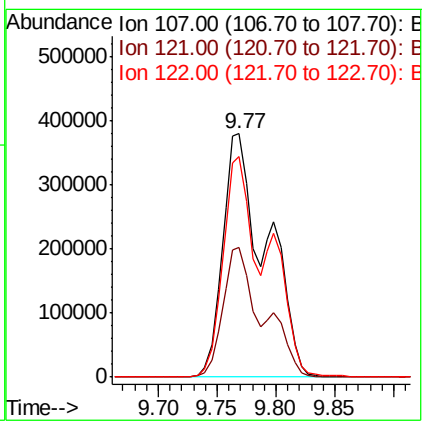
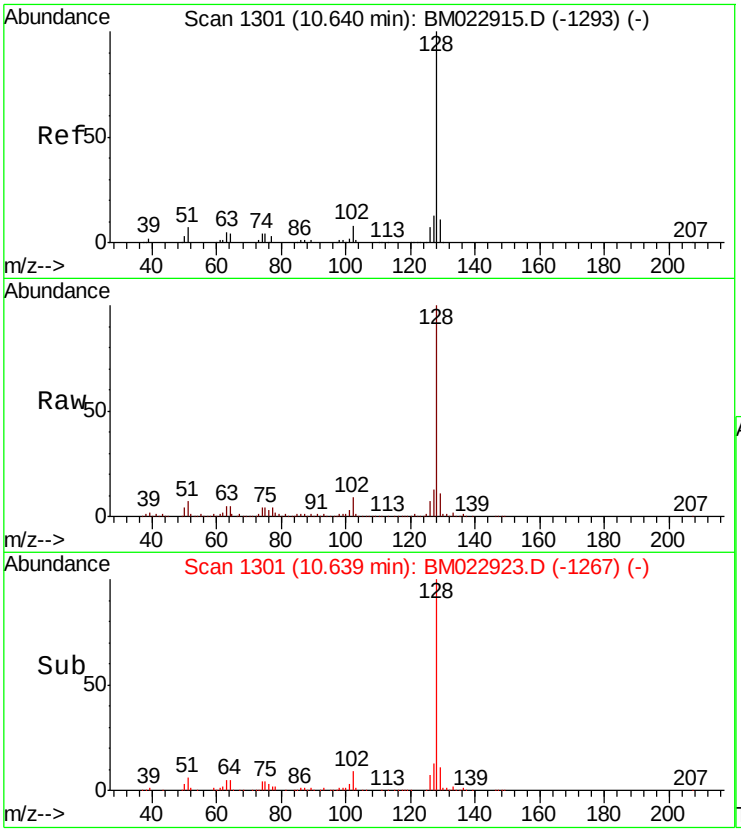



#24
2,4-Dimethylphenol
Concen: 48.307 ng/ul m
RT: 9.77 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BM022923.D
Acq: 03 Oct 2019 16:48

Tgt Ion:107 Resp: 973976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 121 | 53.2 | 43.0 | 64.4 |
| 122 | 90.7 | 71.4 | 107.0 |

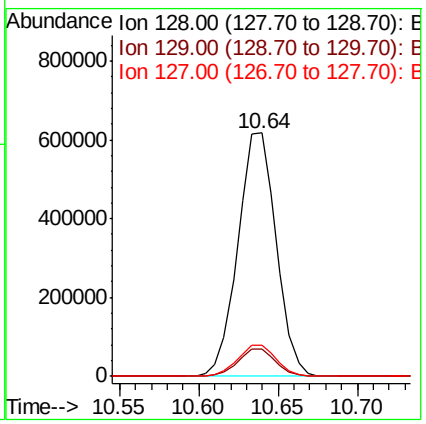





#28
Naphthalene
Concen: 17.861 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BM022923.D
Acq: 03 Oct 2019 16:48

Tgt Ion:128 Resp: 1036347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.6 | 13.0 |
| 127 | 13.0 | 10.2 | 15.4 |




**Instrument :**
BNA_M
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BFDG7

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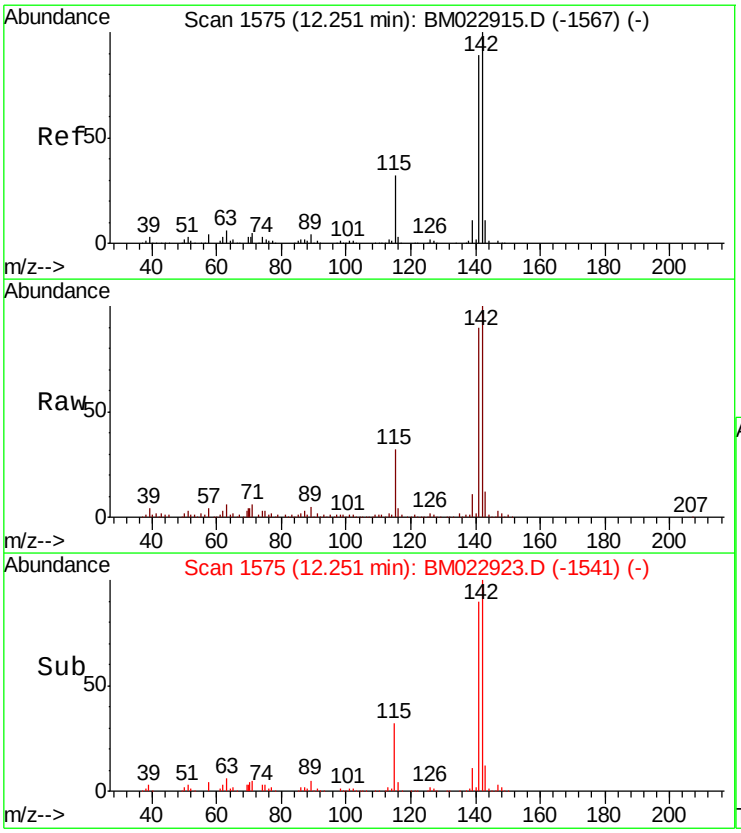
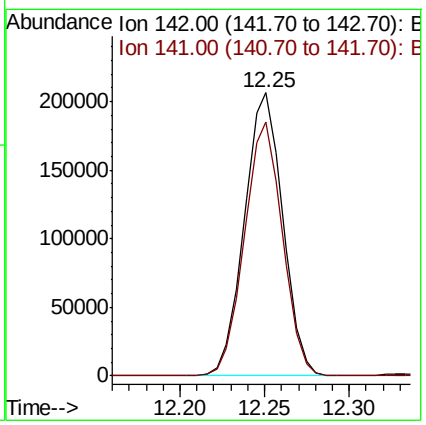
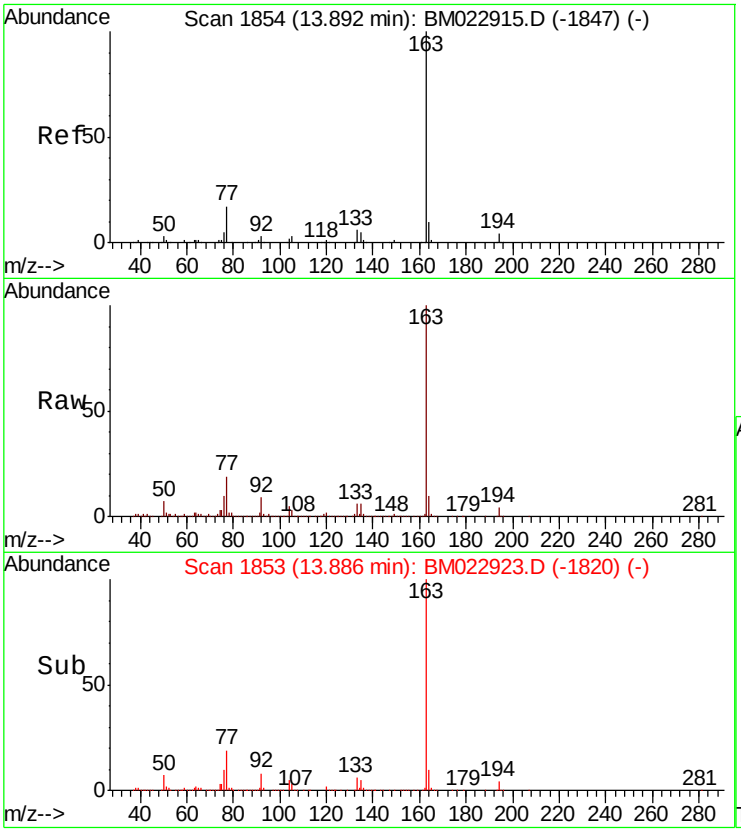



#34
2-Methylnaphthalene
Concen: 7.487 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BM022923.D
Acq: 03 Oct 2019 16:48

Tgt Ion:142 Resp: 325690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.6 | 71.2 | 106.8 |

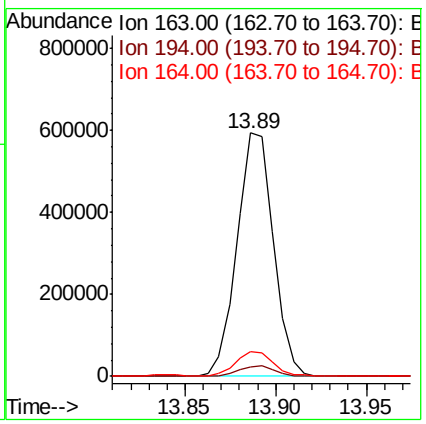





#45
Dimethylphthalate
Concen: 15.277 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM022923.D
Acq: 03 Oct 2019 16:48

Tgt Ion:163 Resp: 824822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.4 | 5.0 |
| 164 | 10.3 | 8.1 | 12.1 |




**Instrument :**
BNA_M
**ClientSampleId :**
BFDG7

**Manual Integrations APPROVED**
mohammad
10/4/2019 10:13:36 AM