Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016225.D
Acq On : 07 Aug 2018 20:17
Operator : SJ/JU
Sample : J4297-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TP-1

Quant Time: Aug 08 02:24:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 07 16:15:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.14 | 152 | 32840 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.96 | 136 | 131350 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.77 | 164 | 77664 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.51 | 188 | 183853 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.64 | 240 | 238870 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.98 | 264 | 258546 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.66 | 112 | 248391 | 125.64 | ng | 0.00 |
| 7) Phenol-d6 | 7.30 | 99 | 319834 | 123.88 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.32 | 82 | 231017 | 81.80 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.26 | 330 | 127315 | 129.25 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.39 | 172 | 463325 | 72.59 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.09 | 244 | 947433 | 83.03 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 7.33 | 94 | 6454 | 2.500 | ng | # 51 |
| 49) Dimethylphthalate | 14.23 | 163 | 69667 | 10.250 | ng | 100 |

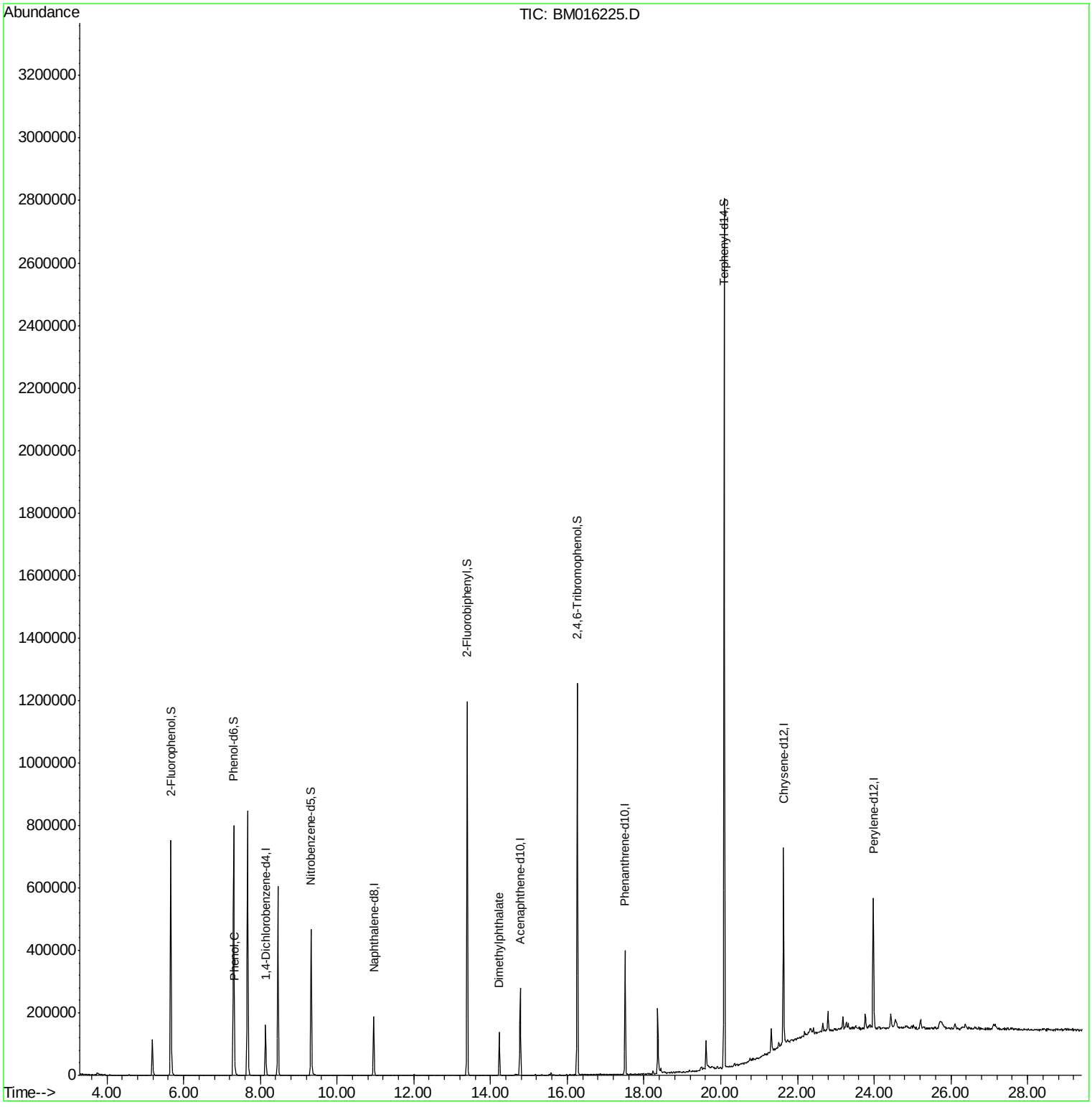
(#) = qualifier out of range (m) = manual integration (+) = signals summed

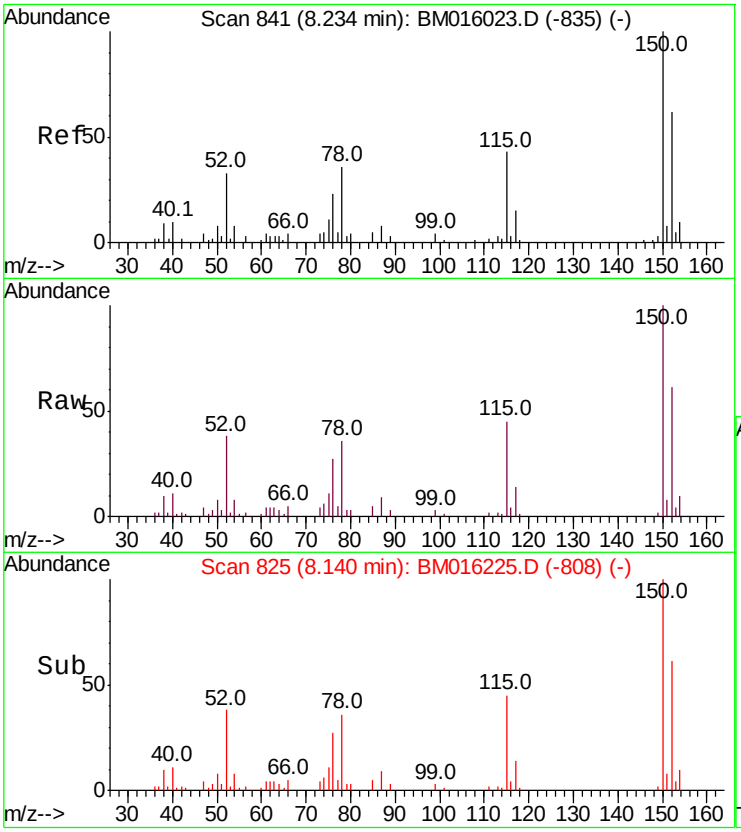
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016225.D
Acq On : 07 Aug 2018 20:17
Operator : SJ/JU
Sample : J4297-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Quant Time: Aug 08 02:24:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 07 16:15:57 2018
Response via : Initial Calibration



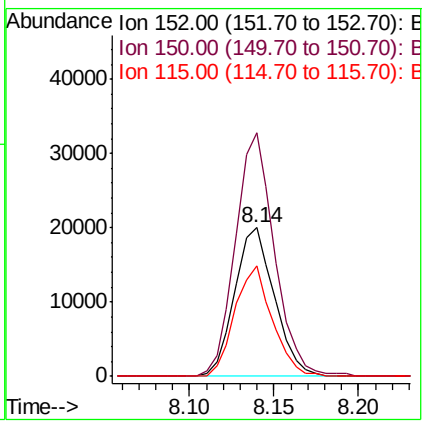


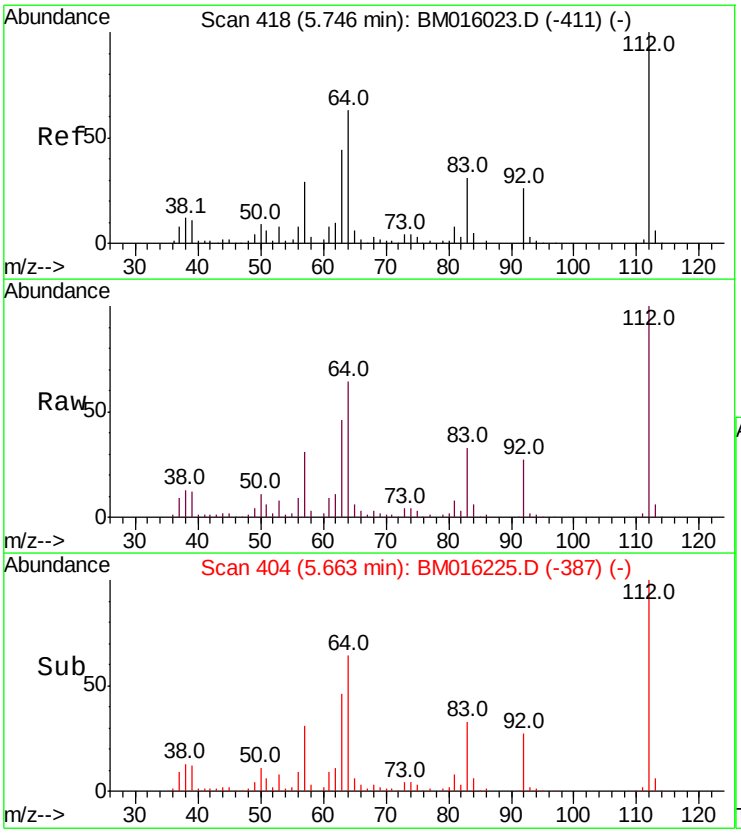

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. 0.00 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion:152 Resp: 32840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 163.9 | 119.5 | 179.3 |
| 115 | 74.5 | 43.0 | 64.4# |

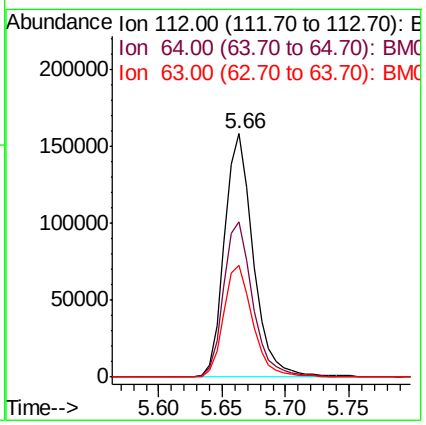


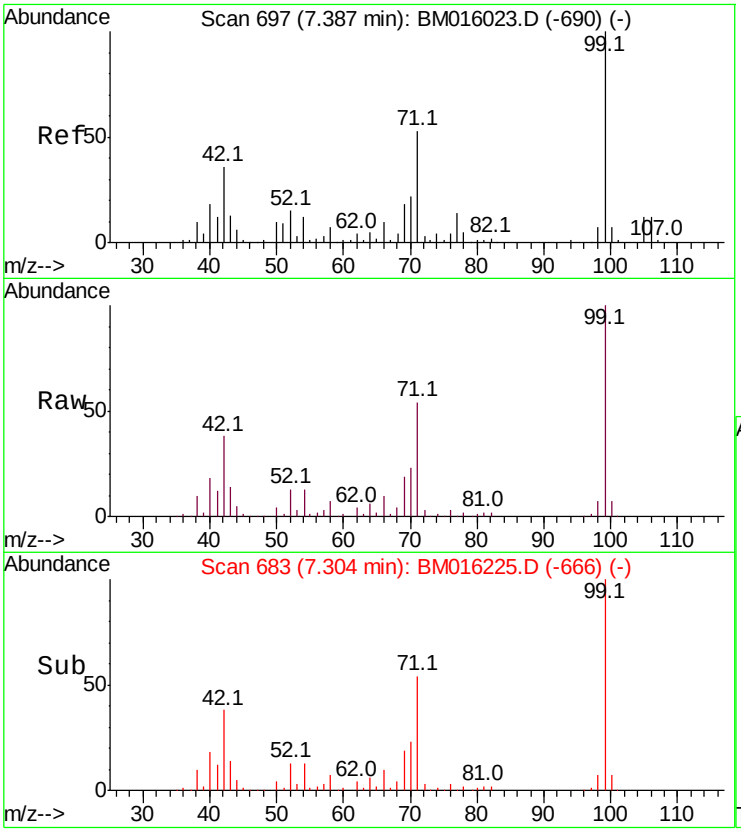




#5
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Tgt Ion:112 Resp: 248391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.0 | 38.6 | 57.8# |
| 63 | 46.2 | 19.3 | 28.9# |



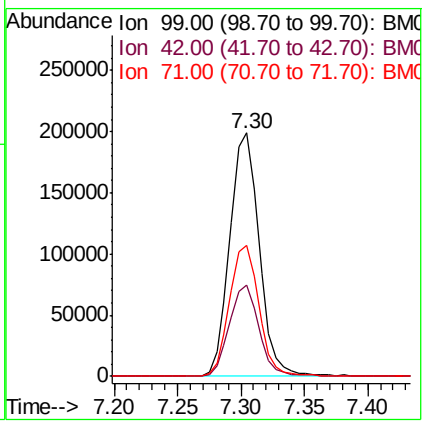


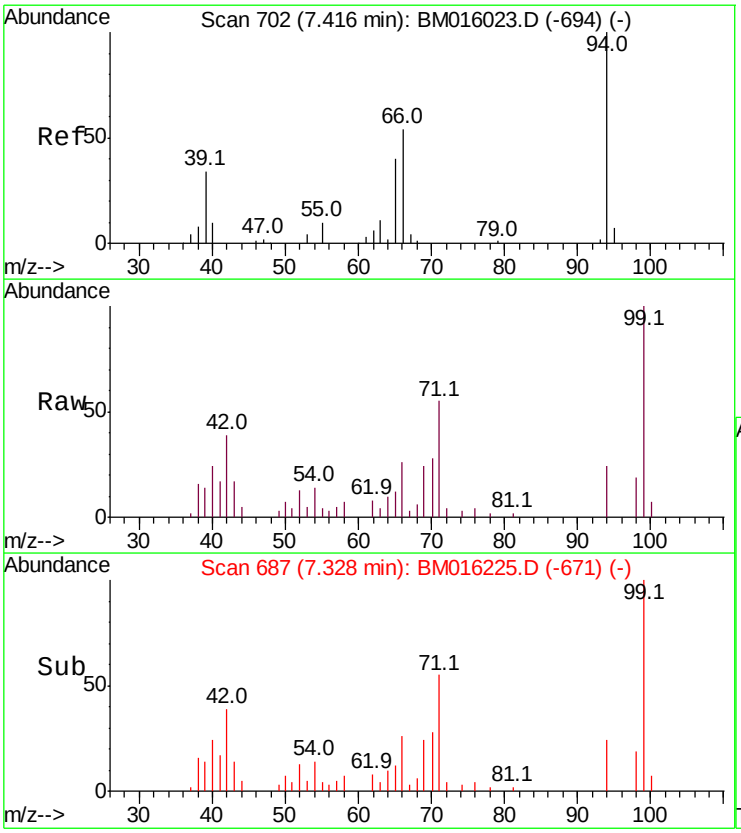

#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion: 99 Resp: 319834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 37.6 | 11.0 | 16.4# |
| 71 | 54.0 | 23.4 | 35.2# |

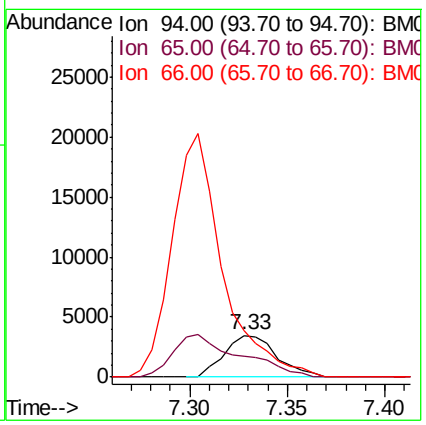


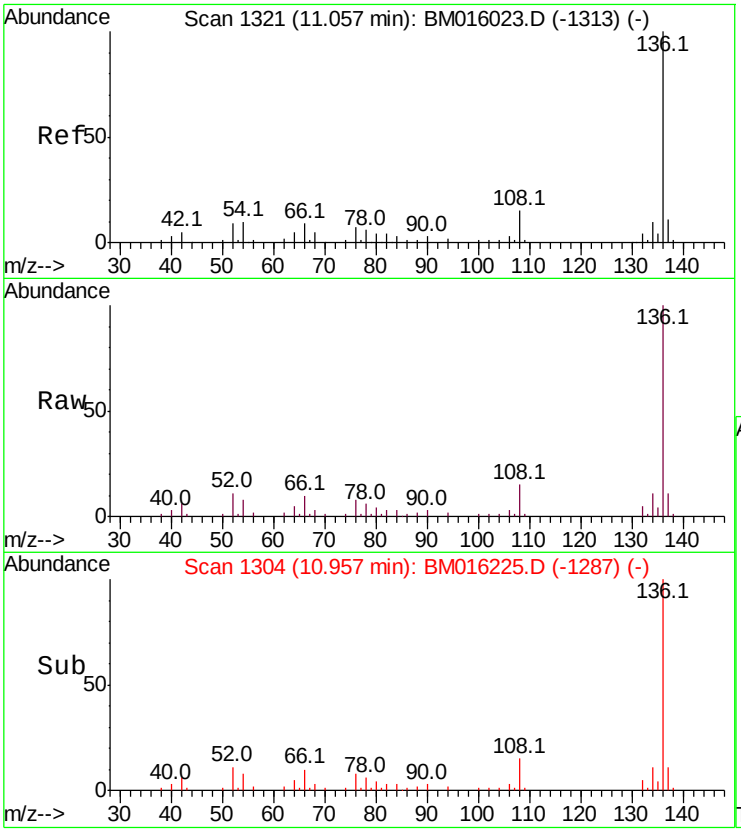




#10
Phenol
Concen: 2.500 ng
RT: 7.33 min Scan# 687
Delta R.T. -0.01 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Tgt Ion: 94 Resp: 6454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 51.1 | 18.8 | 58.8 |
| 66 | 110.8 | 39.9 | 79.9# |



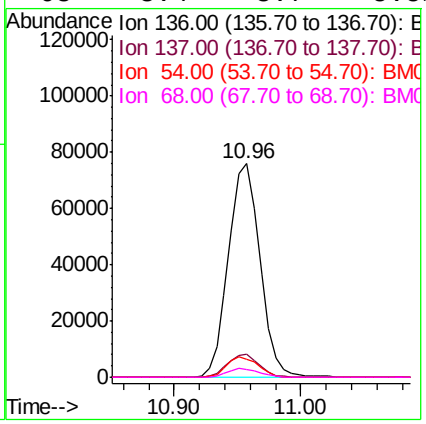


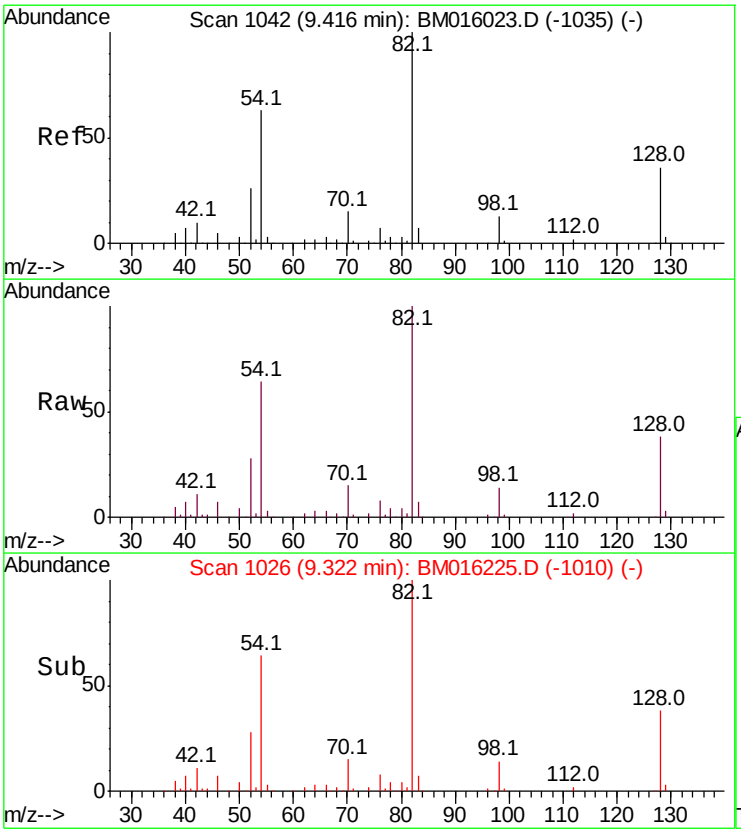

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion:136 Resp: 131350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.7 | 13.1 |
| 54 | 8.4 | 4.6 | 6.8# |
| 68 | 3.4 | 3.7 | 5.5# |

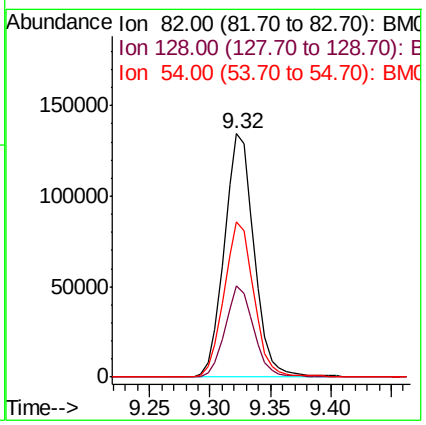


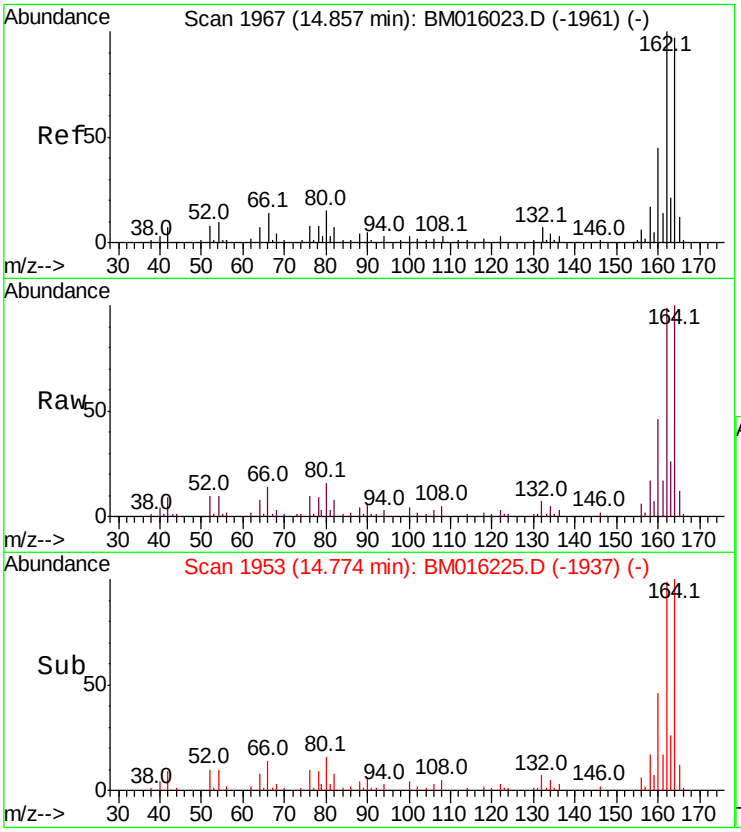




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Tgt Ion: 82 Resp: 231017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.7 | 32.8 | 49.2 |
| 54 | 64.0 | 40.6 | 60.8# |



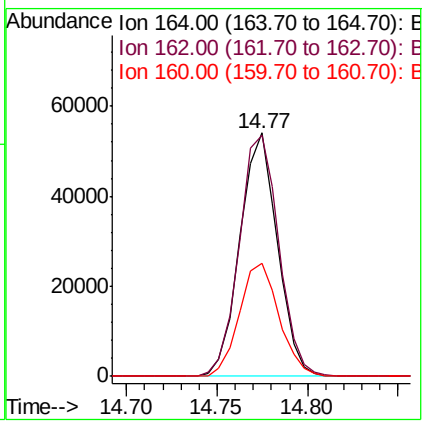


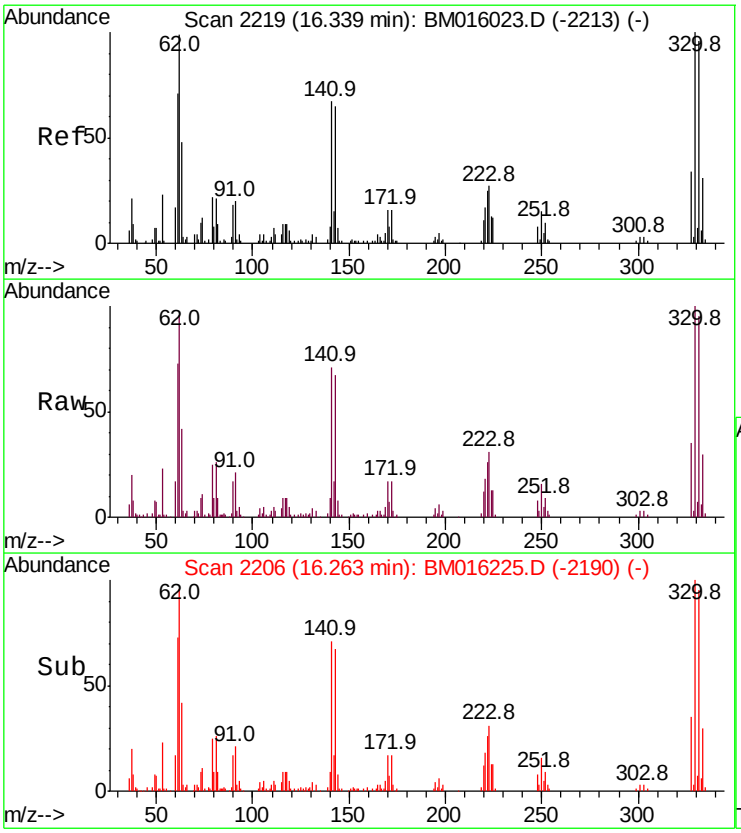

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion:164 Resp: 77664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.2 | 82.4 | 123.6 |
| 160 | 46.2 | 35.8 | 53.6 |

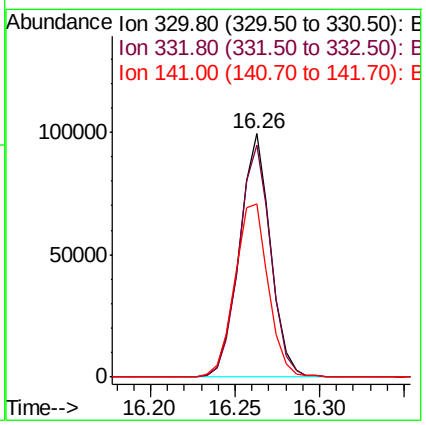


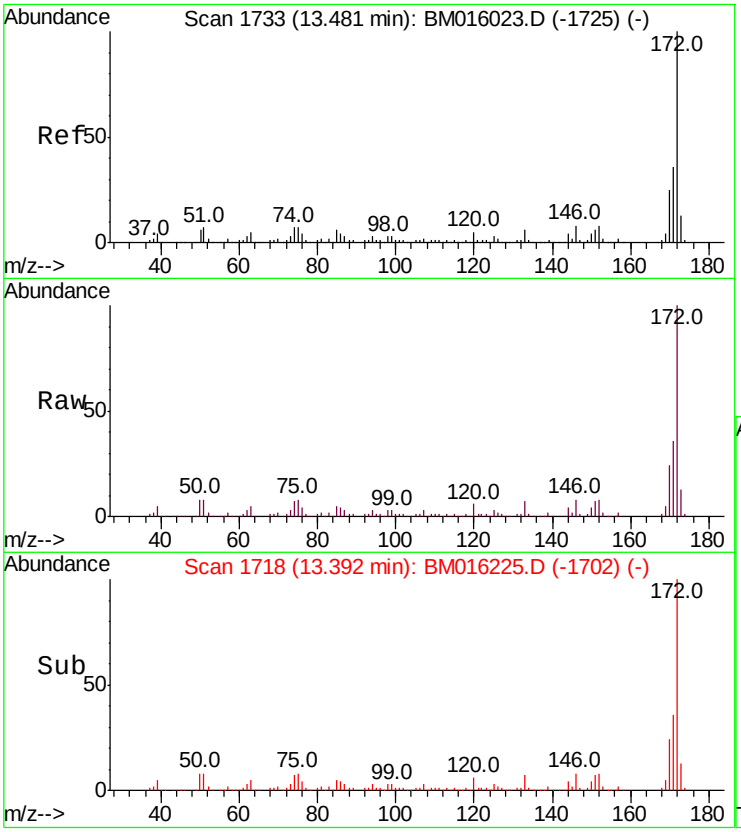




#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Tgt Ion:330 Resp: 127315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 0.0 | 0.0# |
| 141 | 76.7 | 0.0 | 0.0# |



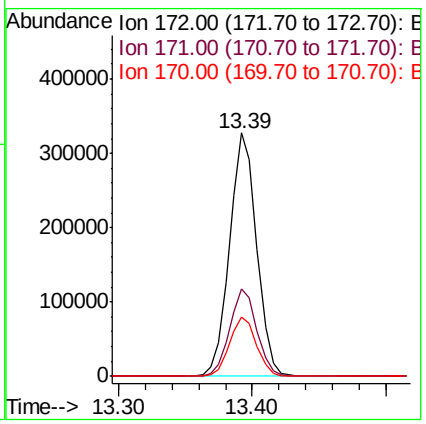


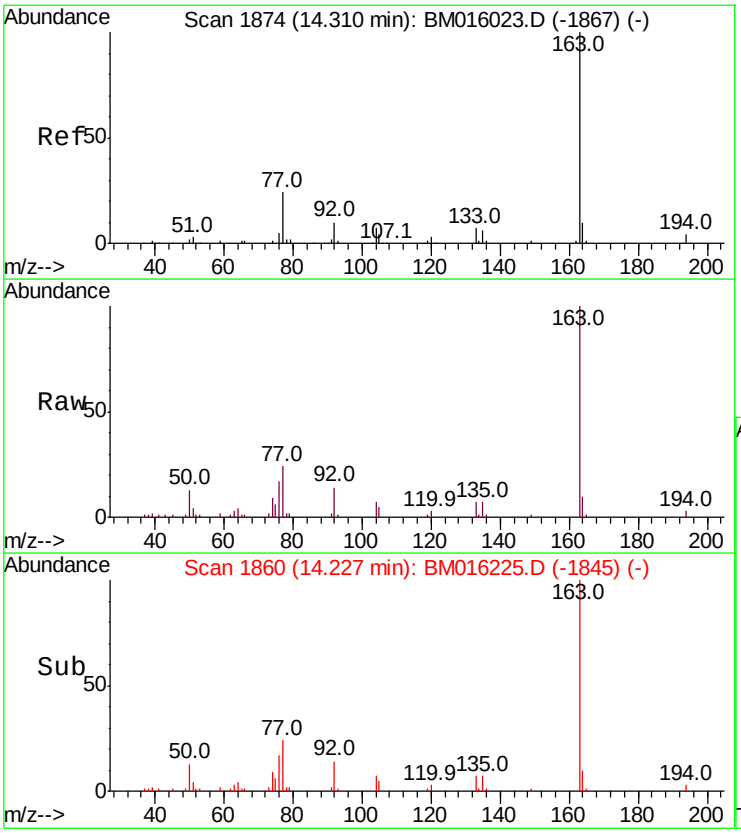

#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.39 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion:172 Resp: 463325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.5 | 42.7 |
| 170 | 24.5 | 18.8 | 28.2 |

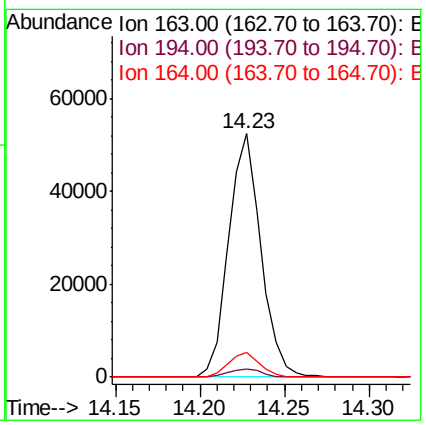


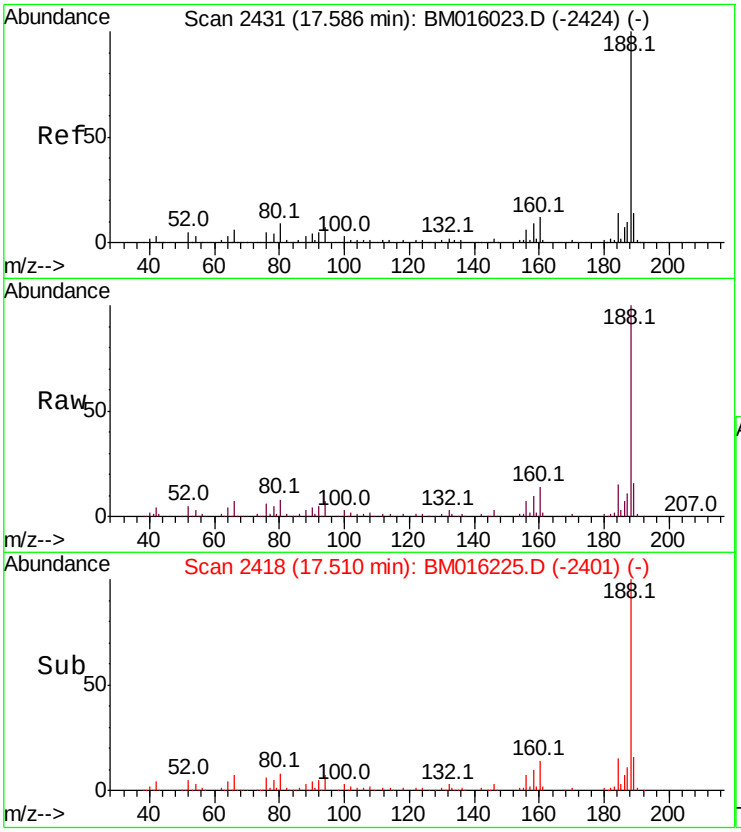




#49
Dimethylphthalate
Concen: 10.250 ng
RT: 14.23 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Tgt Ion:163 Resp: 69667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.7 | 4.1 |
| 164 | 10.2 | 8.2 | 12.2 |



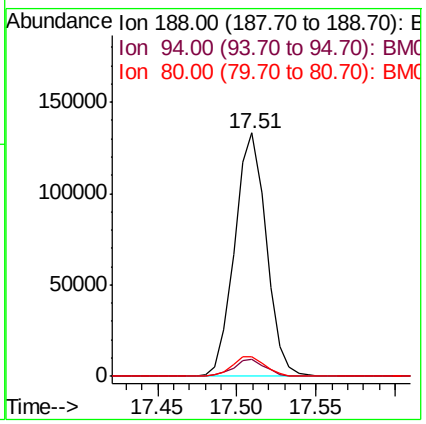


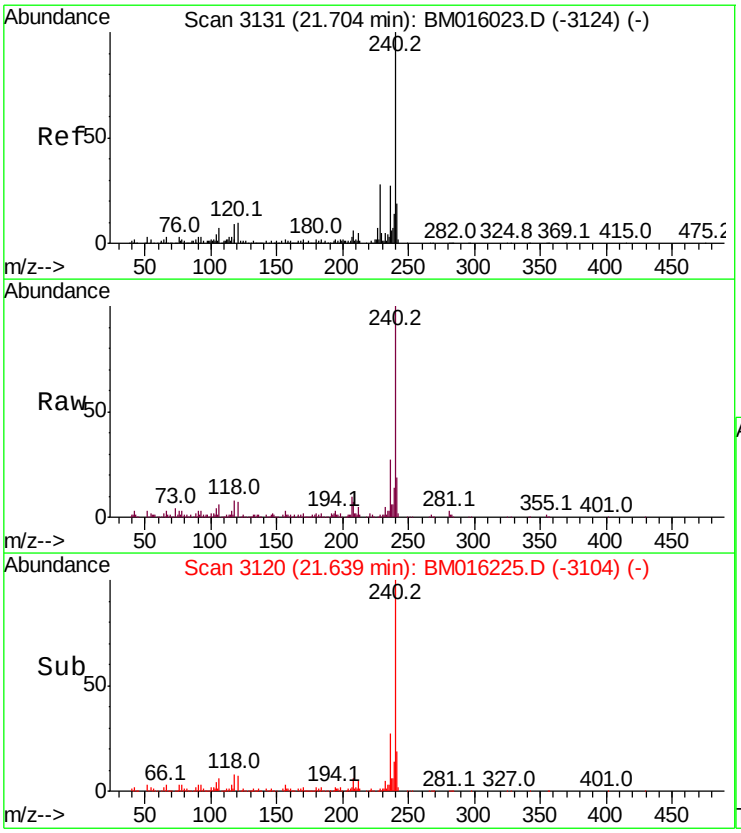

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion:188 Resp: 183853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.1 | 8.7 | 13.1# |
| 80 | 7.9 | 9.3 | 13.9# |

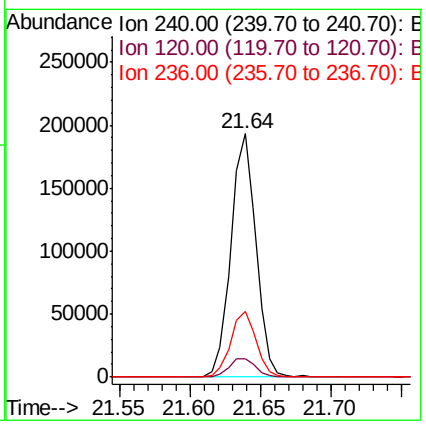


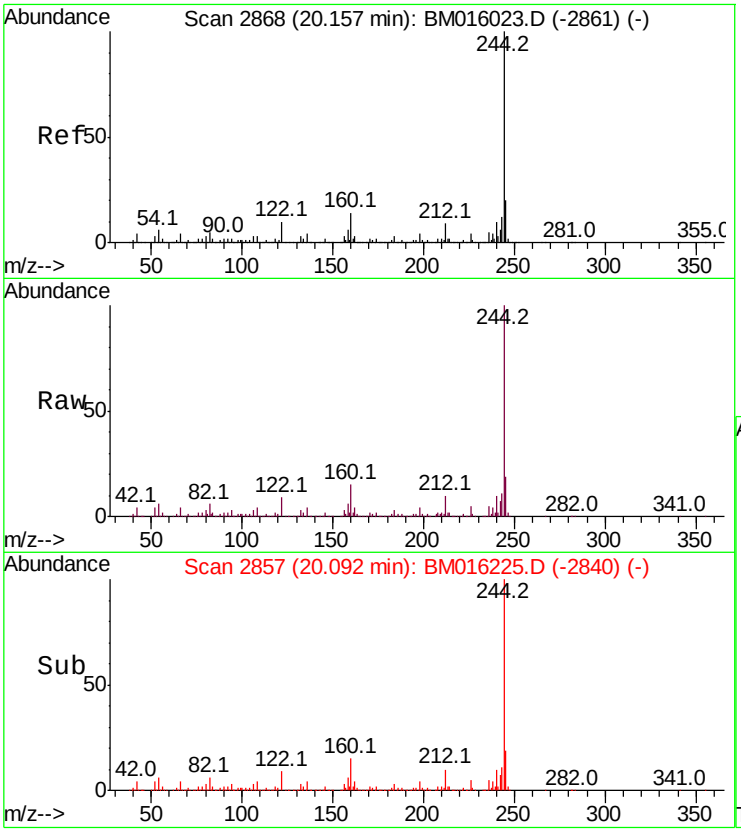




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Tgt Ion:240 Resp: 238870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.4 | 8.2 | 12.2# |
| 236 | 26.8 | 20.0 | 30.0 |



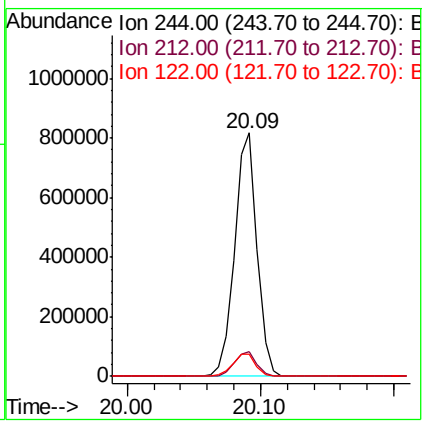


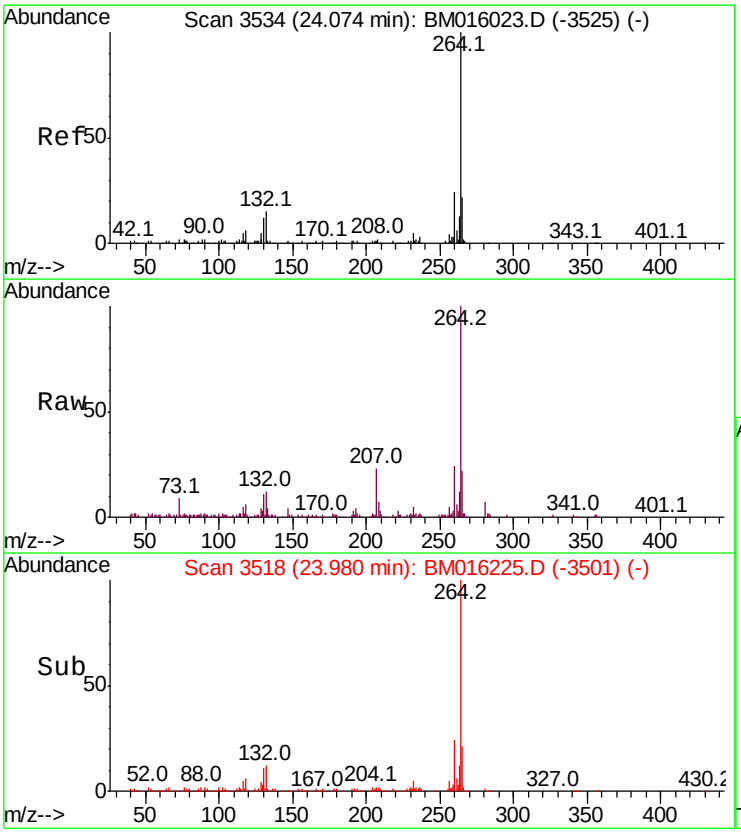

#78
Terphenyl-d14
Concen: Below ng
RT: 20.09 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion:244 Resp: 947433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.0 | 4.9 | 7.3# |
| 122 | 8.9 | 6.2 | 9.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.98 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BM016225.D
Acq: 07 Aug 2018 20:17

Tgt Ion:264 Resp: 258546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.6 | 27.8 |
| 265 | 22.3 | 17.3 | 25.9 |