Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016264.D
Acq On : 09 Aug 2018 01:38
Operator : SJ/JU
Sample : J4375-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** OILY-DEBRIS-DRUM-A

Quant Time: Aug 09 05:28:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 16:23:37 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.13 | 152 | 32852 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.95 | 136 | 127525 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.77 | 164 | 75144 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.52 | 188 | 236340 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.64 | 240 | 172927 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.97 | 264 | 175365 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.69 | 112 | 1150 | 0.58 | ng | 0.03 |
| 7) Phenol-d6 | 7.35 | 99 | 1198 | 0.46 | ng | 0.04 |
| 23) Nitrobenzene-d5 | 9.29 | 82 | 111 | 0.04 | ng | -0.03 |
| 41) 2,4,6-Tribromophenol | 16.27 | 330 | 1413 | 1.48 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.39 | 172 | 6008 | 0.97 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.09 | 244 | 14941 | 1.81 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 70) Phenanthrene | 17.56 | 178 | 78379 | 5.924 | ng | # 57 |

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

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**Instrument :**
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**ClientSampleId :**
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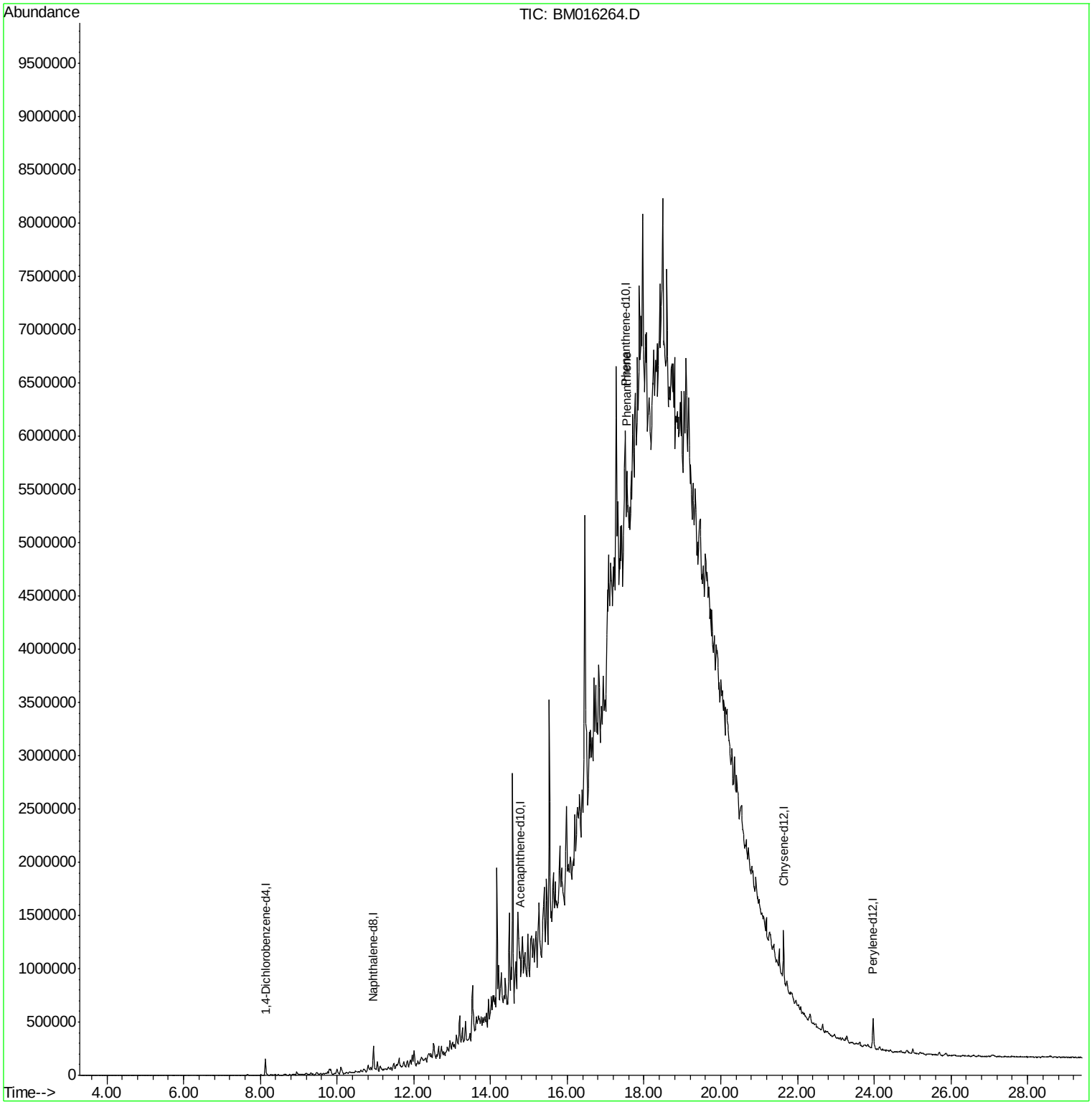
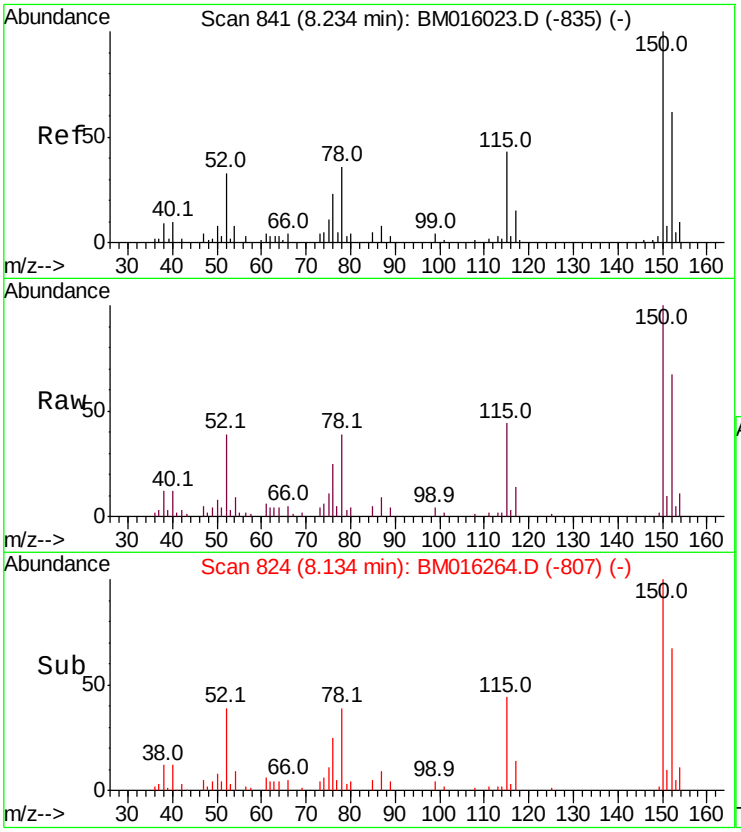


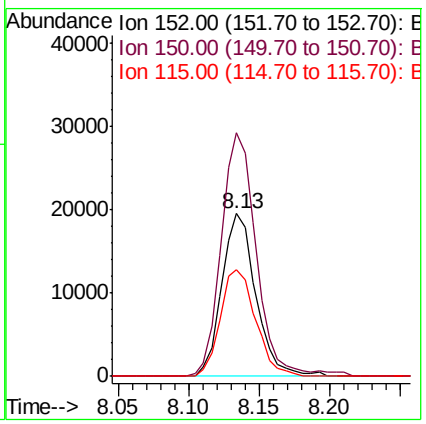


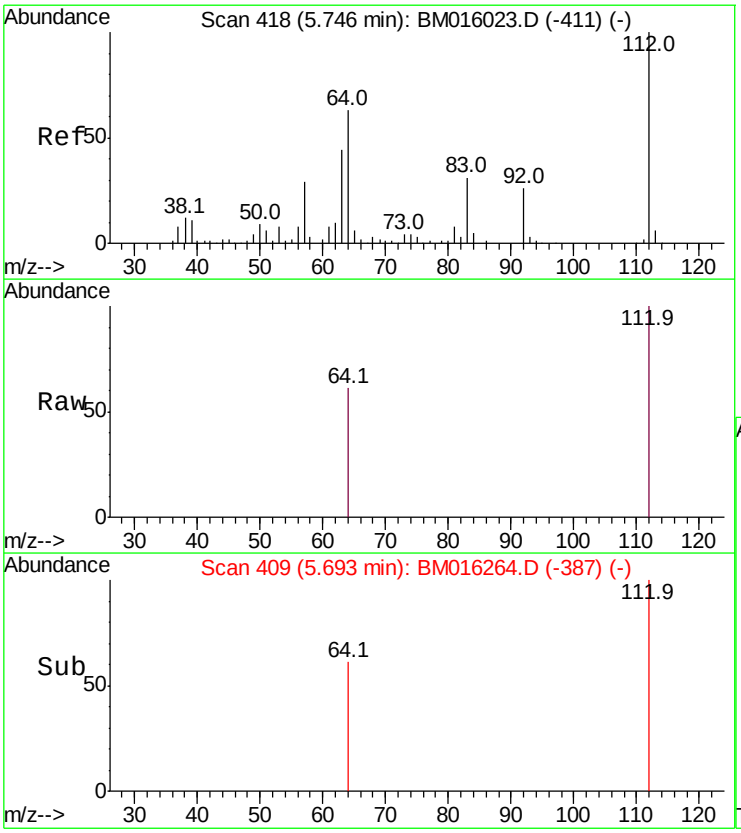

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

**Instrument :**
BNA_M
**ClientSampleId :**
OILY-DEBRIS-DRUM-A

Tgt Ion:152 Resp: 32852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.6 | 119.5 | 179.3 |
| 115 | 65.9 | 43.0 | 64.4# |

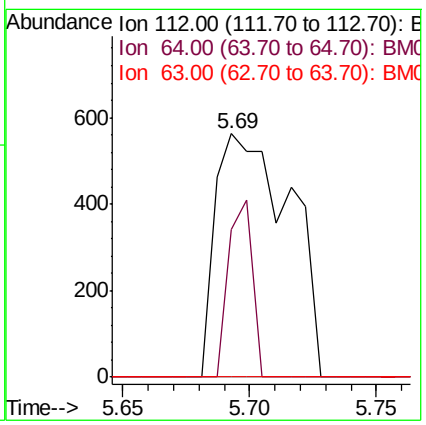


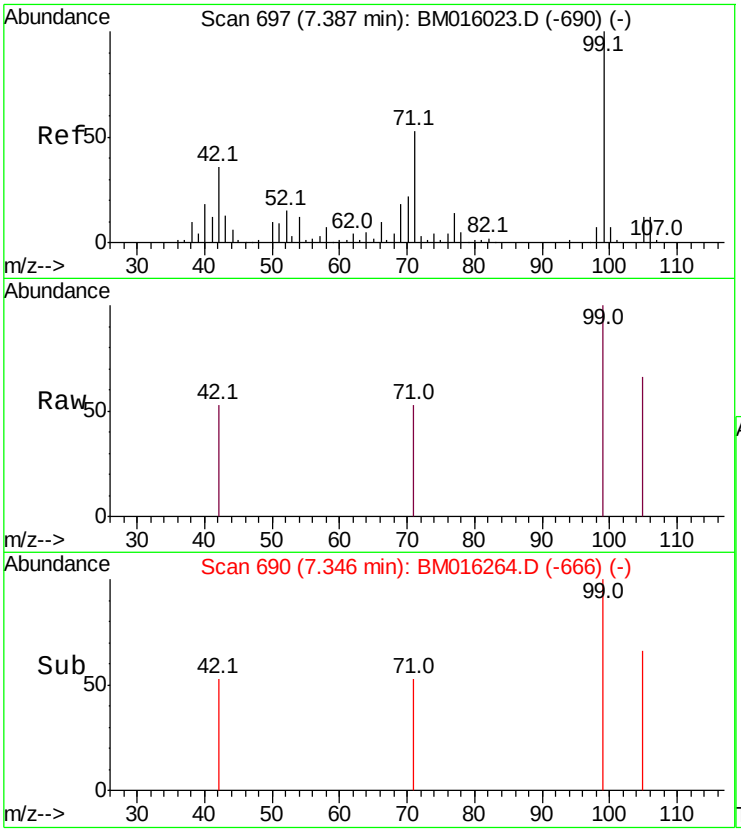




#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.69 min Scan# 409
Delta R.T. 0.03 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

Tgt Ion:112 Resp: 1150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.6 | 38.6 | 57.8# |
| 63 | 0.0 | 19.3 | 28.9# |



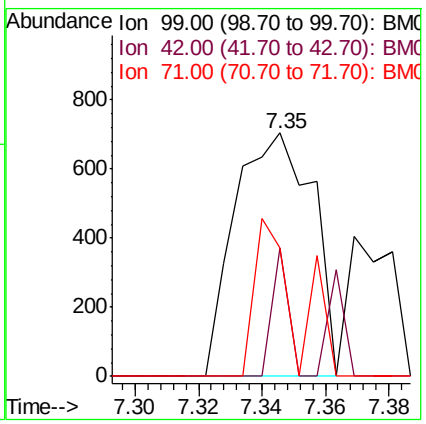


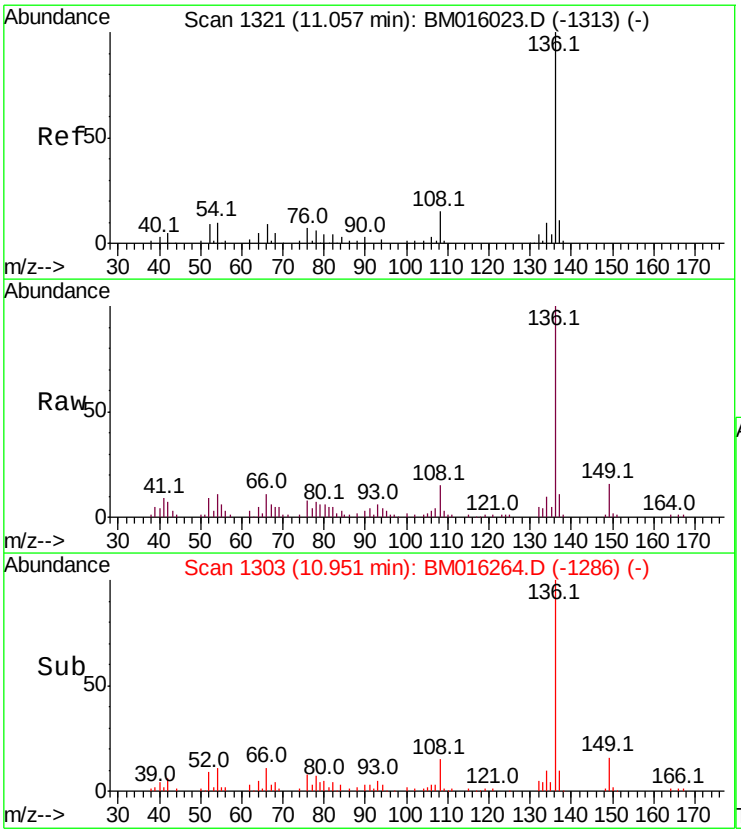

#7
Phenol-d6
Concen: N.D. ng
RT: 7.35 min Scan# 690
Delta R.T. 0.04 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

**Instrument :**
BNA_M
**ClientSampleId :**
OILY-DEBRIS-DRUM-A

Tgt Ion: 99 Resp: 1198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 52.9 | 11.0 | 16.4# |
| 71 | 52.8 | 23.4 | 35.2# |

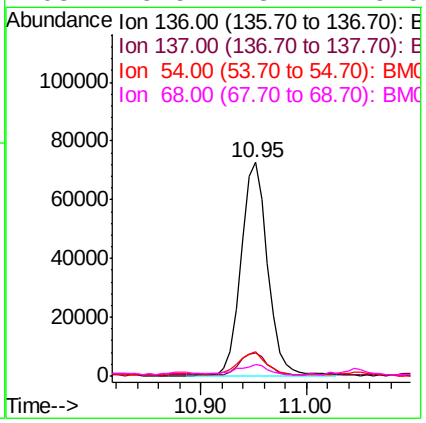


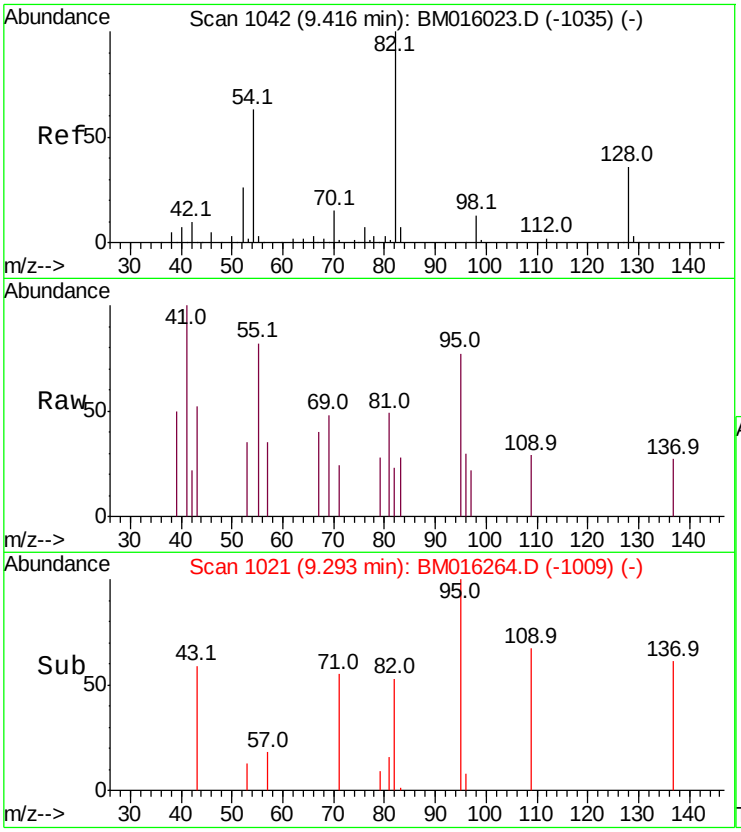




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

Tgt Ion:136 Resp: 127525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.7 | 13.1 |
| 54 | 11.4 | 4.6 | 6.8# |
| 68 | 5.5 | 3.7 | 5.5 |



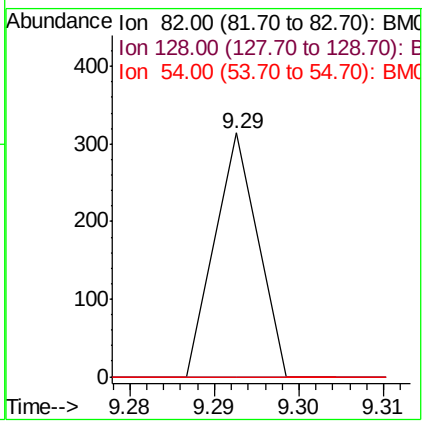


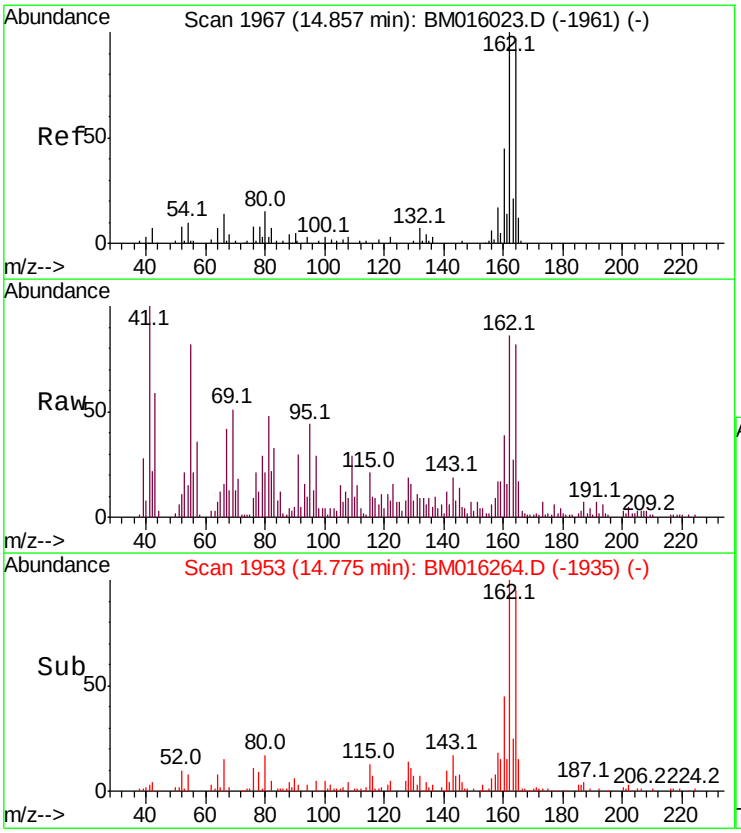

#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

**Instrument :**
BNA_M
**ClientSampleId :**
OILY-DEBRIS-DRUM-A

Tgt Ion: 82 Resp: 111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 0.0 | 32.8 | 49.2# |
| 54 | 0.0 | 40.6 | 60.8# |

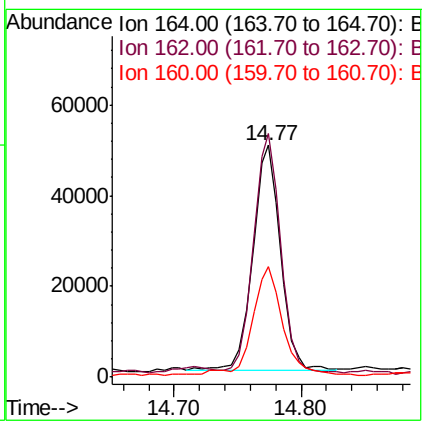


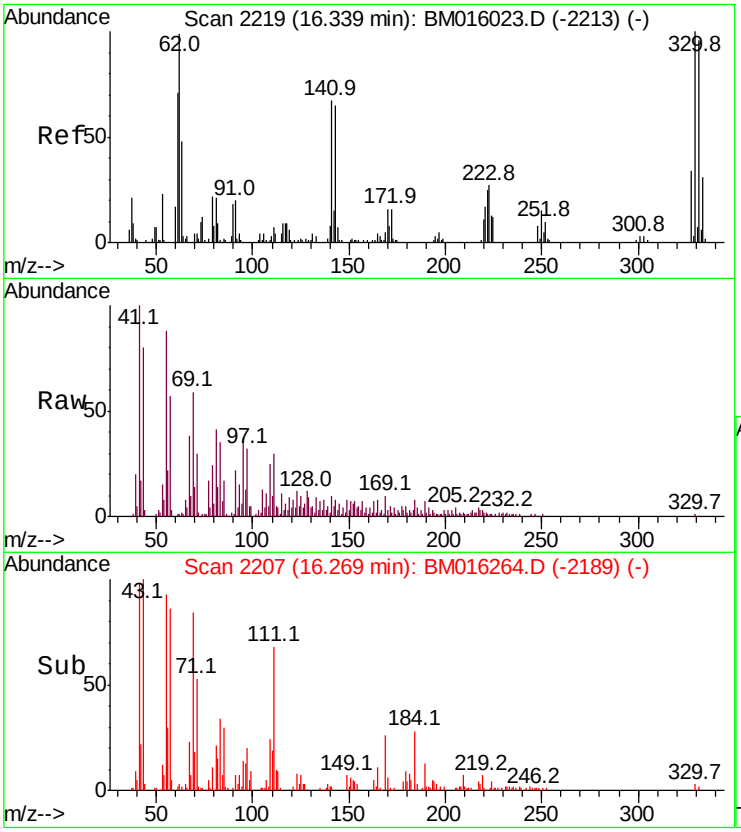




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

Tgt Ion:164 Resp: 75144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.2 | 82.4 | 123.6 |
| 160 | 47.7 | 35.8 | 53.6 |



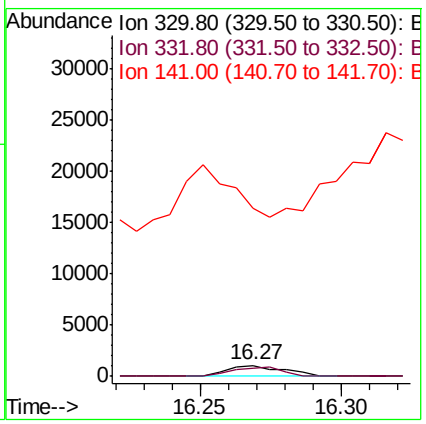


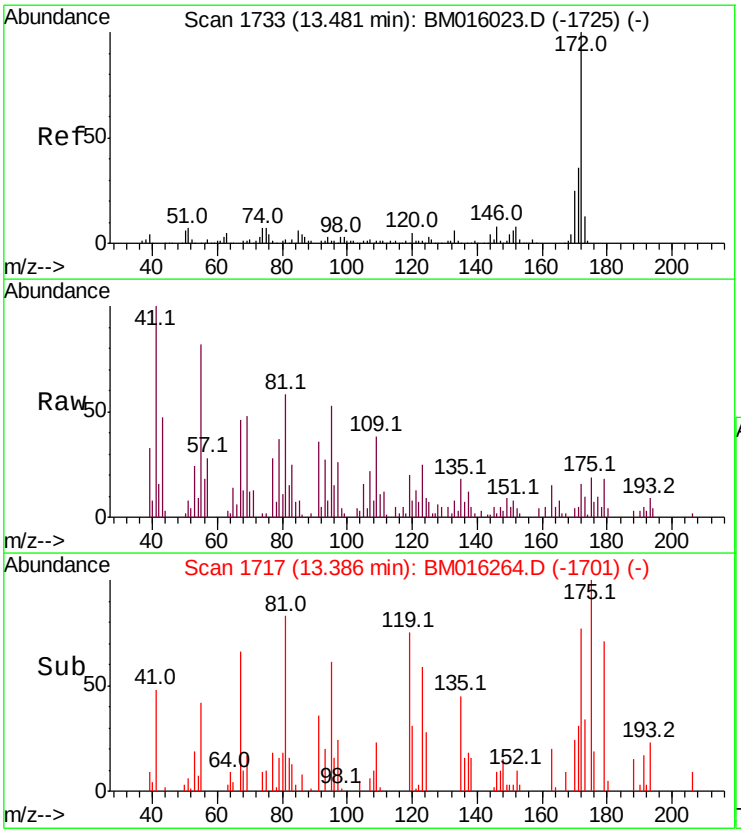

#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.27 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

**Instrument :**
BNA_M
**ClientSampleId :**
OILY-DEBRIS-DRUM-A

Tgt Ion:330 Resp: 1413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 81.4 | 0.0 | 0.0# |
| 141 | 0.0 | 0.0 | 0.0 |

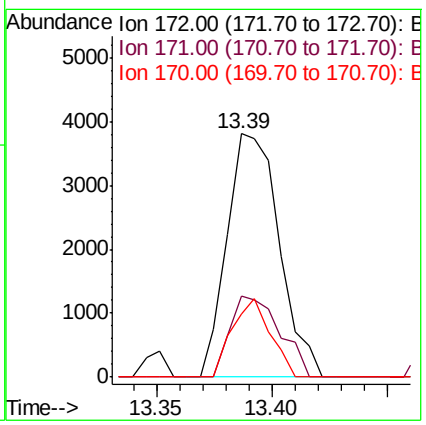


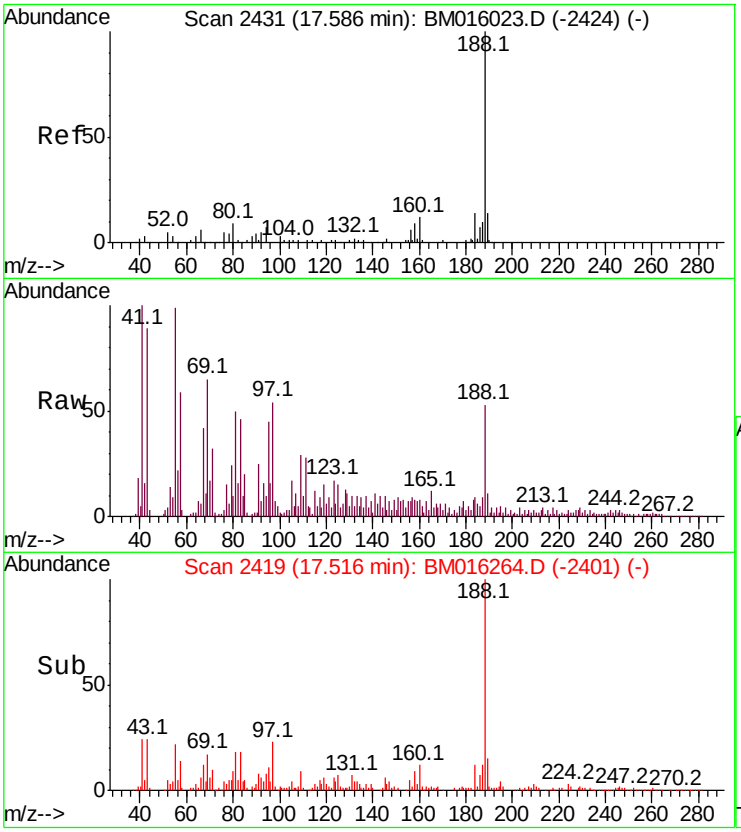




#44
2-Fluorobiphenyl
Concen: Below ng
RT: 13.39 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

Tgt Ion:172 Resp: 6008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.4 | 28.5 | 42.7 |
| 170 | 25.8 | 18.8 | 28.2 |



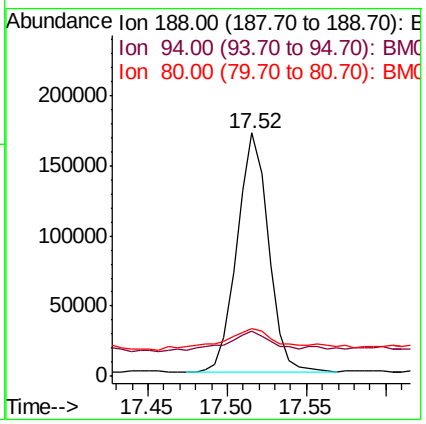


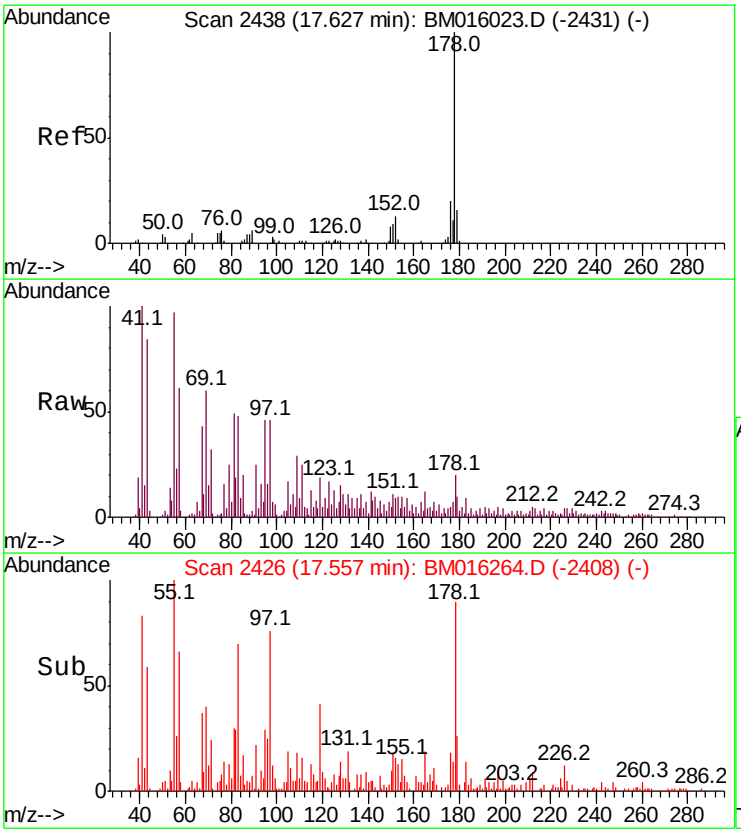

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

**Instrument :**
BNA_M
**ClientSampleId :**
OILY-DEBRIS-DRUM-A

Tgt Ion:188 Resp: 236340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 18.7 | 8.7 | 13.1# |
| 80 | 19.9 | 9.3 | 13.9# |

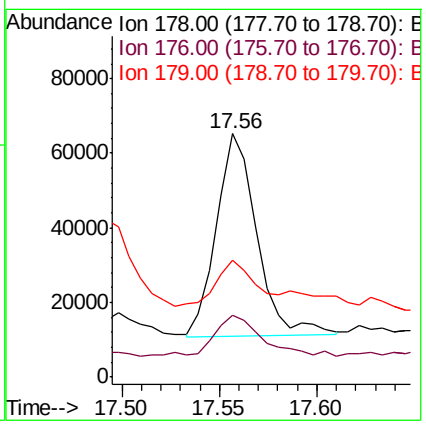


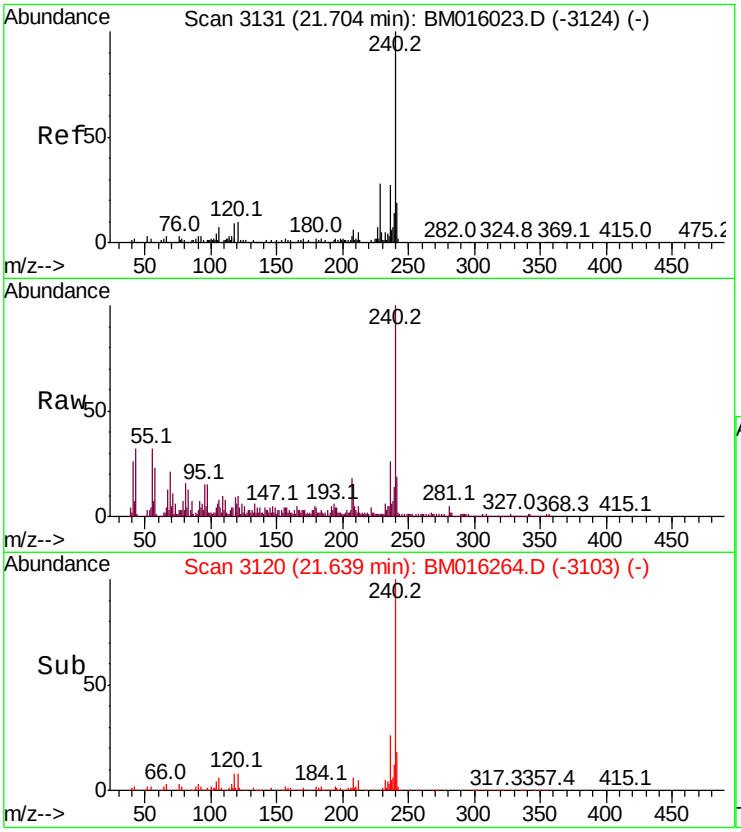




#70
Phenanthrene
Concen: 5.924 ng
RT: 17.56 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

Tgt Ion:178 Resp: 78379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 25.4 | 15.2 | 22.8# |
| 179 | 47.9 | 12.1 | 18.1# |



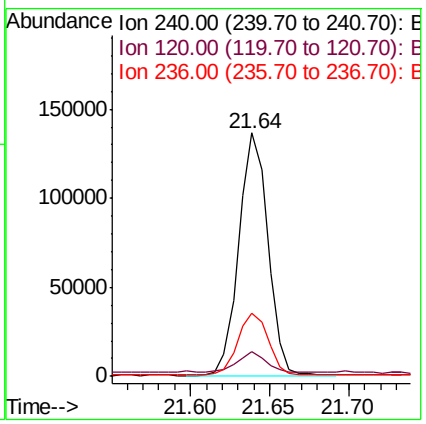


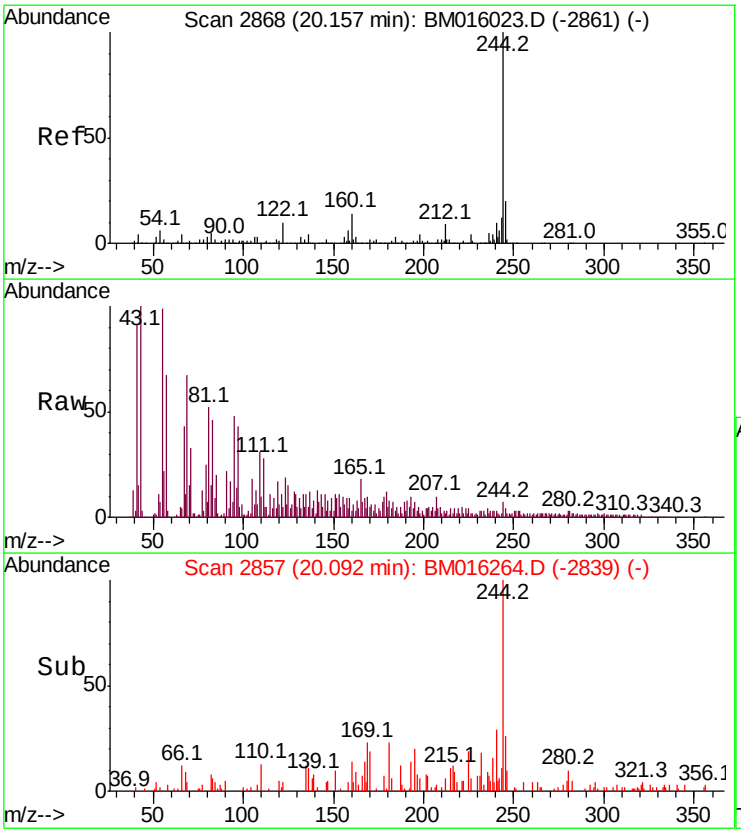

#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

**Instrument :**
BNA_M
**ClientSampleId :**
OILY-DEBRIS-DRUM-A

Tgt Ion:240 Resp: 172927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.1 | 8.2 | 12.2 |
| 236 | 26.2 | 20.0 | 30.0 |

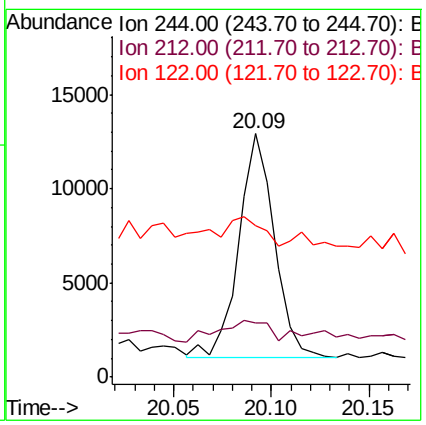


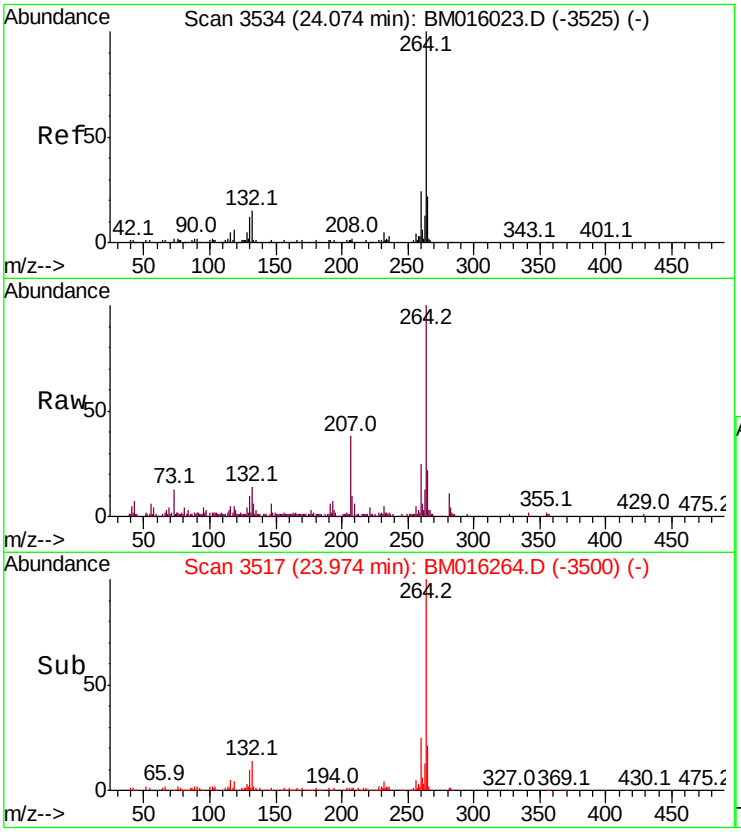




#78
Terphenyl-d14
Concen: Below ng
RT: 20.09 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

Tgt Ion:244 Resp: 14941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 22.3 | 4.9 | 7.3# |
| 122 | 62.2 | 6.2 | 9.4# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

**Instrument :**
BNA_M
**ClientSampleId :**
OILY-DEBRIS-DRUM-A

Tgt Ion:264 Resp: 175365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.9 | 18.6 | 27.8 |
| 265 | 21.9 | 17.3 | 25.9 |