

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\  
 Data File : BM020326.D  
 Acq On : 13 May 2019 21:09  
 Operator : JU/SJ  
 Sample : K2769-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P026-SS017-0612-01

Quant Time: May 14 03:50:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

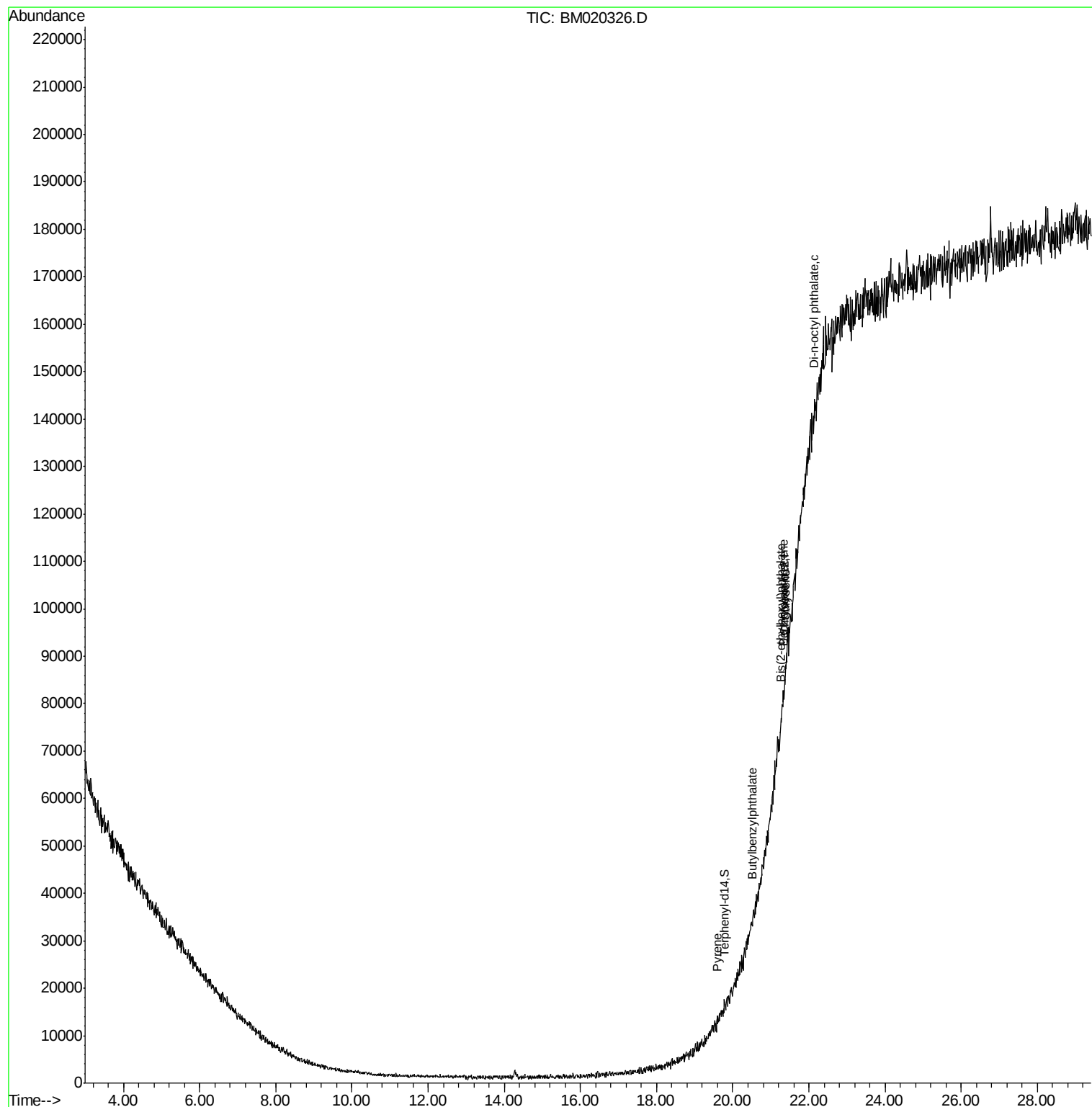
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 0.00  | 152  | 0        | 0.00   | ng    | -7.79    |
| 21) Naphthalene-d8             | 0.00  | 136  | 0        | 0.00   | ng    | -10.59   |
| 39) Acenaphthene-d10           | 0.00  | 164  | 0        | 0.00   | ng    | -14.43   |
| 64) Phenanthrene-d10           | 0.00  | 188  | 0        | 0.00   | ng    | -17.18   |
| 76) Chrysene-d12               | 21.36 | 240  | 412      | 20.00  | ng    | 0.00     |
| 87) Perylene-d12               | 0.00  | 264  | 0        | 0.00   | ng    | -23.66   |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 0.00  | 112  | 0        | 0.00   | ng    |          |
| 7) Phenol-d6                   | 0.00  | 99   | 0        | 0.00   | ng    |          |
| 23) Nitrobenzene-d5            | 0.00  | 82   | 0        | 0.00   | ng    |          |
| 42) 2,4,6-Tribromophenol       | 0.00  | 330  | 0        | 0.00   | ng    |          |
| 45) 2-Fluorobiphenyl           | 0.00  | 172  | 0        | 0.00   | ng    |          |
| 79) Terphenyl-d14              | 19.80 | 244  | 1205     | 51.01  | ng    | -0.01    |
| Target Compounds               |       |      |          |        |       |          |
| 78) Pyrene                     | 19.59 | 202  | 113      | 4.085  | ng    | # 58     |
| 80) Butylbenzylphthalate       | 20.51 | 149  | 109      | 10.836 | ng    | # 19     |
| 81) Benzo(a)anthracene         | 21.34 | 228  | 448      | 15.505 | ng    | # 52     |
| 83) Chrysene                   | 21.39 | 228  | 812      | 28.977 | ng    | # 50     |
| 84) Bis(2-ethylhexyl)phthalate | 21.25 | 149  | 1371     | 87.834 | ng    | # 53     |
| 85) Di-n-octyl phthalate       | 22.13 | 149  | 116      | 4.471  | ng    | # 1      |

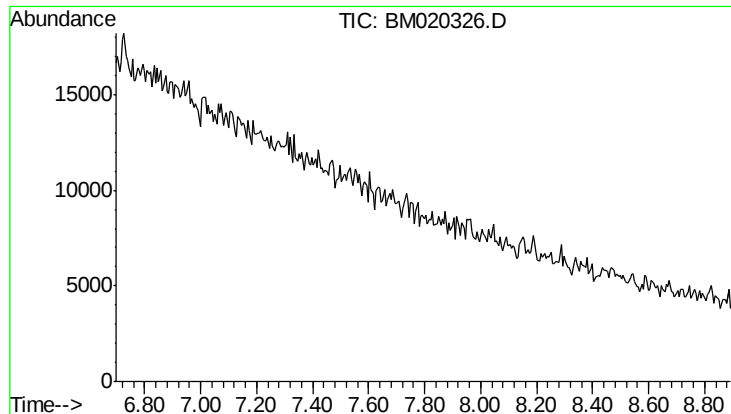
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 7.79 min

Lab File: BM020326.D

Acq: 13 May 2019 21:09

Instrument :

BNA\_M

ClientSampleId :

P026-SS017-0612-01

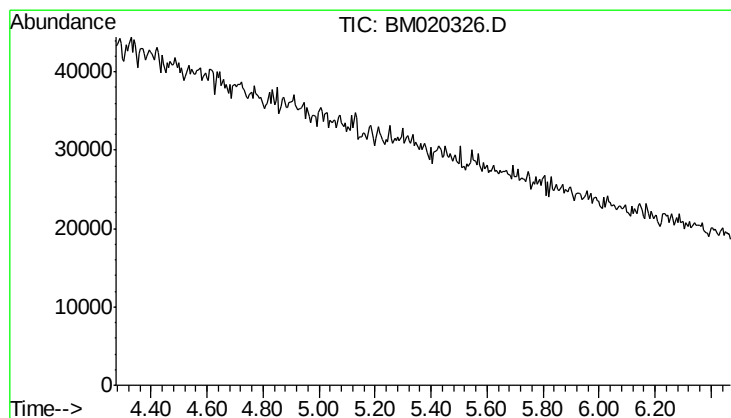
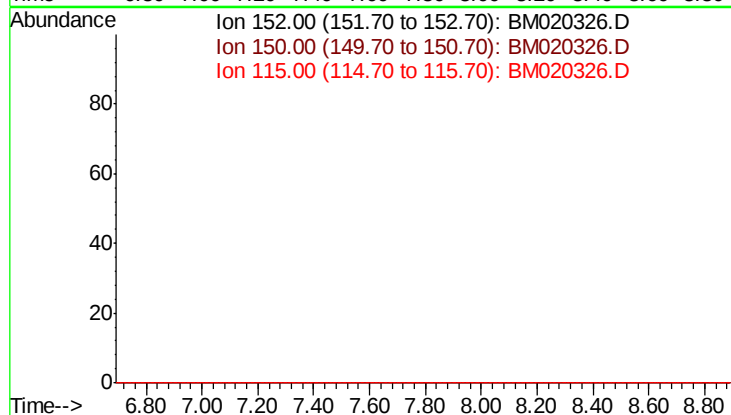
Tot Ion: 152

Sig Exp Ratio

152 100

150 149.8

115 63.5



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.37 min

Lab File: BM020326.D

Acq: 13 May 2019 21:09

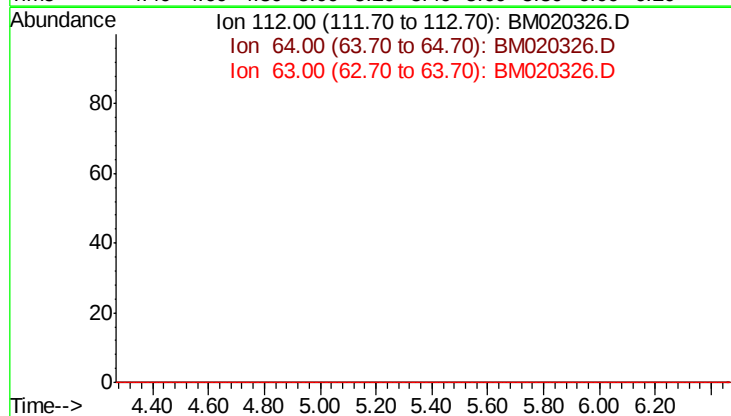
Tgt Ion: 112

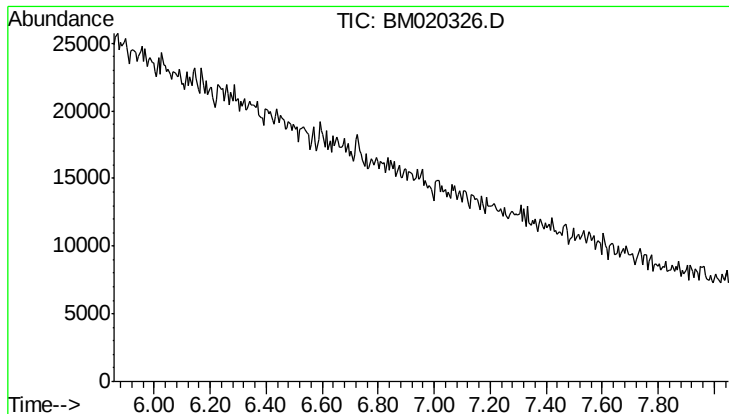
Sig Exp Ratio

112 100

64 67.2

63 40.4





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.95 min

Lab File: BM020326.D

Acq: 13 May 2019 21:09

Instrument :

BNA\_M

ClientSampleId :

P026-SS017-0612-01

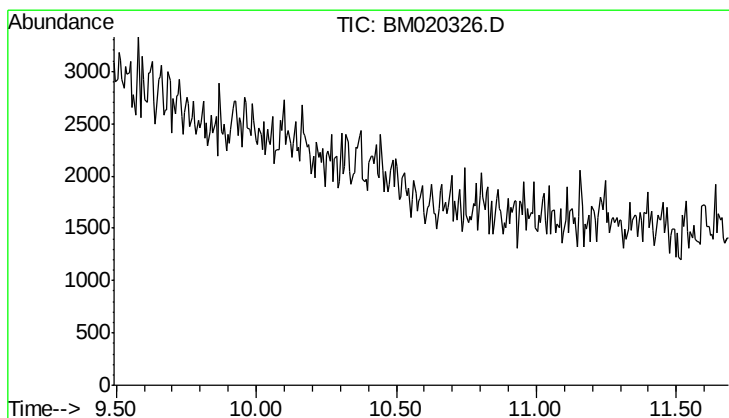
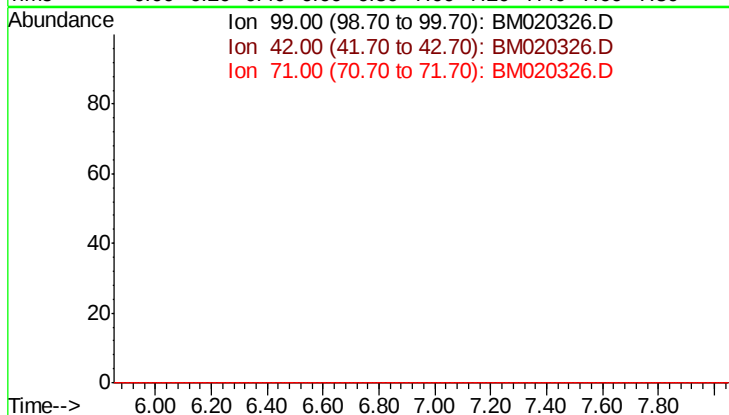
Tot Ion: 99

Sig Exp Ratio

99 100

42 17.7

71 50.4



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 10.59 min

Lab File: BM020326.D

Acq: 13 May 2019 21:09

Tgt Ion: 136

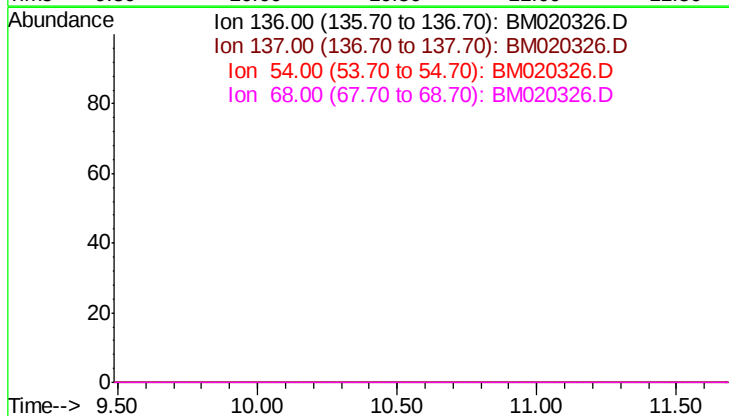
Sig Exp Ratio

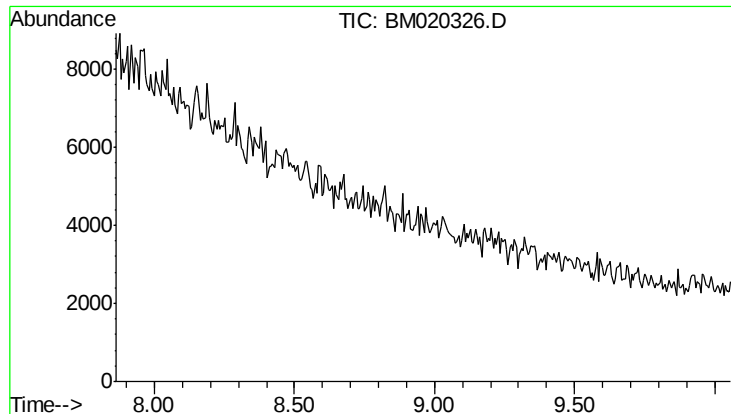
136 100

137 12.0

54 6.9

68 5.7

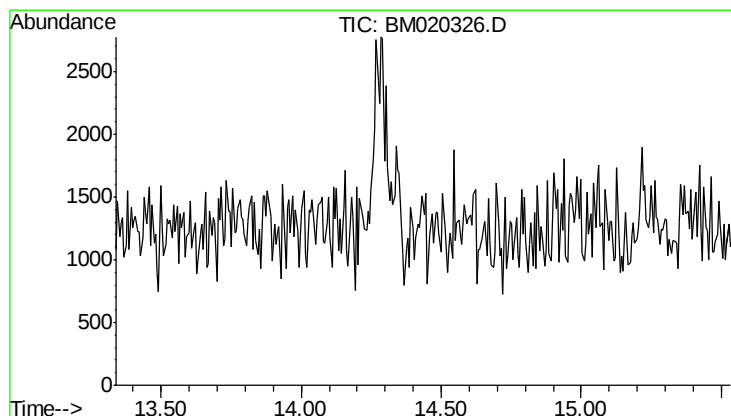
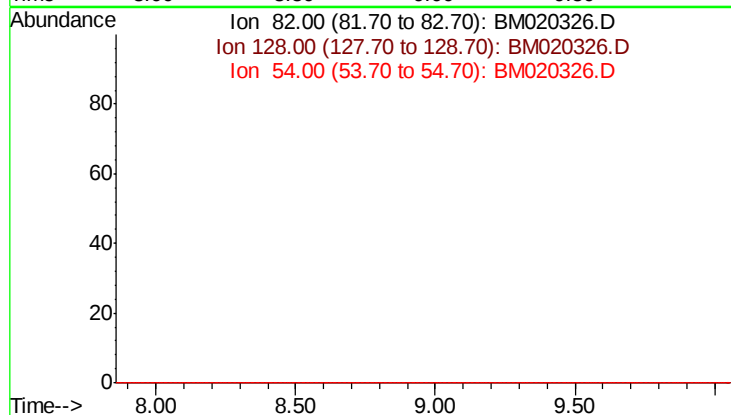




#23  
 Nitrobenzene-d5  
 Concen: 0.000 ng  
 Expected RT: 8.96 min  
 Lab File: BM020326.D  
 Acq: 13 May 2019 21:09

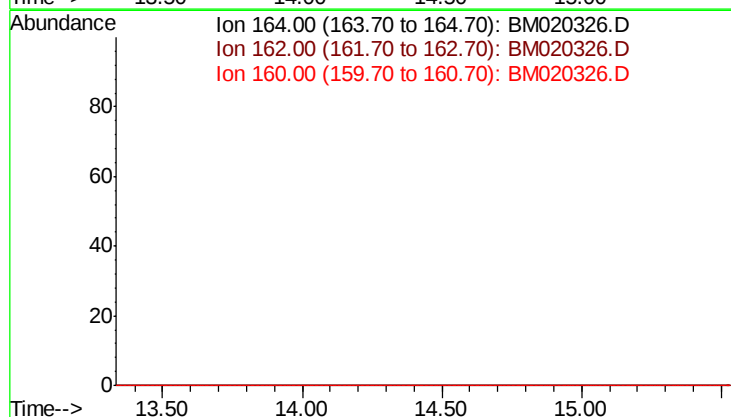
Instrument :  
 BNA\_M  
 ClientSampleId :  
 P026-SS017-0612-01

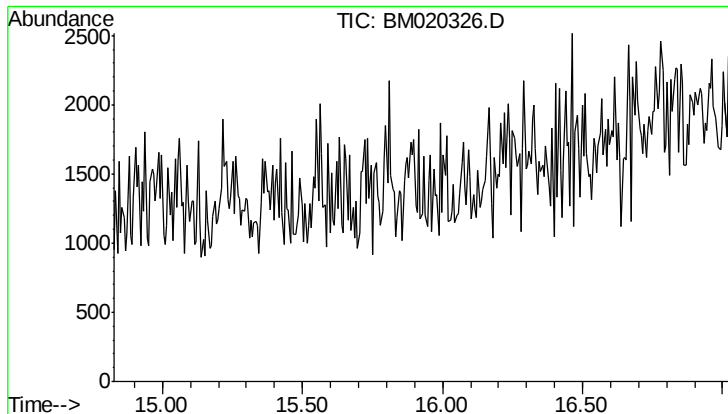
| Tot Ion | 82        |
|---------|-----------|
| Sig     | Exp Ratio |
| 82      | 100       |
| 128     | 31.5      |
| 54      | 39.9      |



#39  
 Acenaphthene-d10  
 Concen: 0.000 ng  
 Expected RT: 14.43 min  
 Lab File: BM020326.D  
 Acq: 13 May 2019 21:09

| Tgt Ion | 164       |
|---------|-----------|
| Sig     | Exp Ratio |
| 164     | 100       |
| 162     | 102.7     |
| 160     | 47.0      |

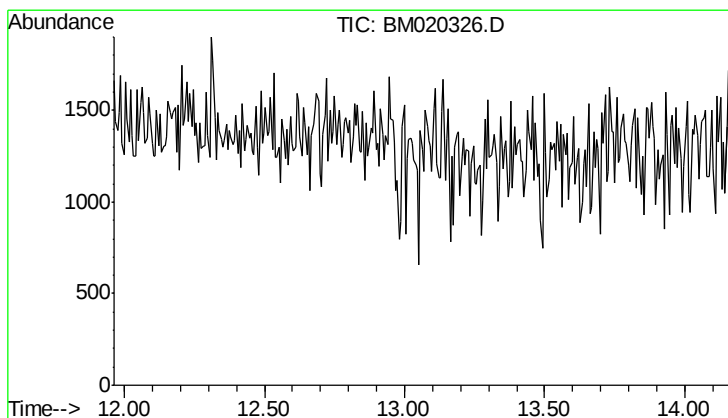
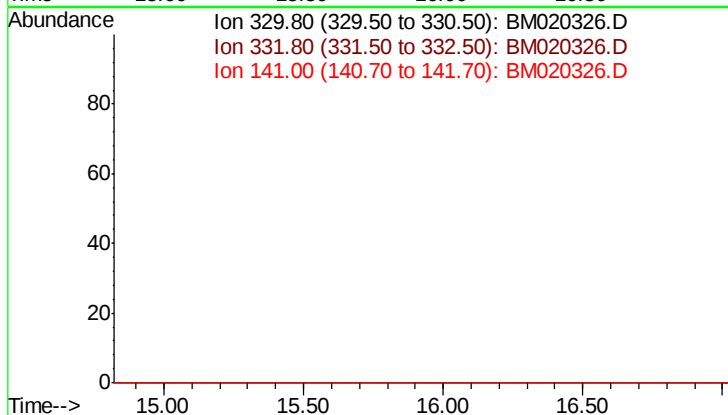




#42  
 2,4,6-Tribromophenol  
 Concen: 0.000 ng  
 Expected RT: 15.92 min  
 Lab File: BM020326.D  
 Acq: 13 May 2019 21:09

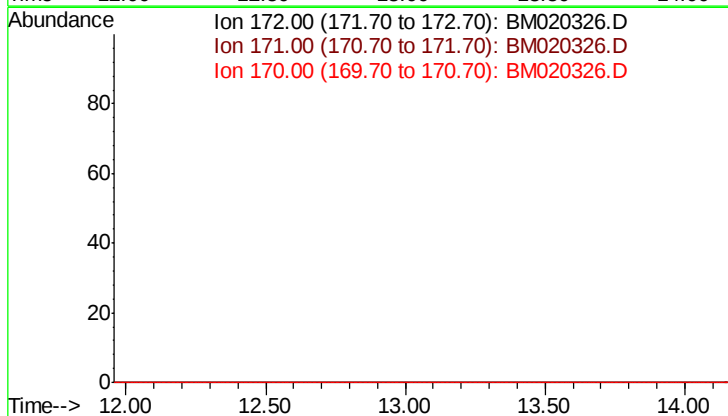
Instrument :  
 BNA\_M  
 ClientSampleId :  
 P026-SS017-0612-01

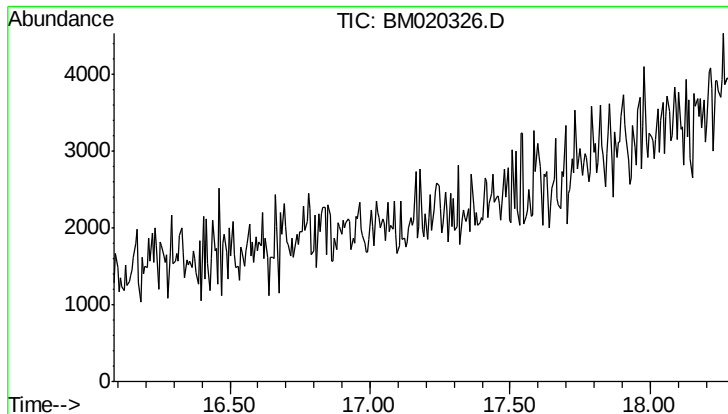
| Tot Ion   | 330 | 332  | 141  |
|-----------|-----|------|------|
| Sig       | 100 | 96.0 | 36.5 |
| Exp Ratio |     |      |      |



#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 13.06 min  
 Lab File: BM020326.D  
 Acq: 13 May 2019 21:09

| Tgt Ion   | 172 | 171  | 170  |
|-----------|-----|------|------|
| Sig       | 100 | 34.1 | 22.4 |
| Exp Ratio |     |      |      |





#64

Phenanthrene-d10

Concen: 0.000 ng

Expected RT: 17.18 min

Lab File: BM020326.D

Acq: 13 May 2019 21:09

Instrument :

BNA\_M

ClientSampleId :

P026-SS017-0612-01

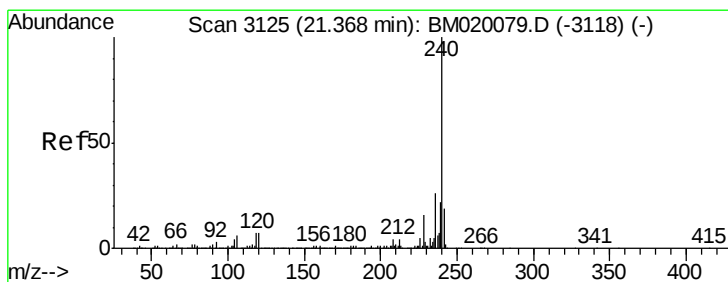
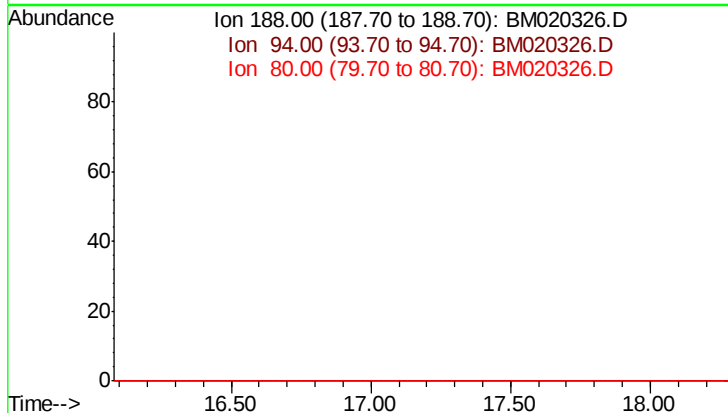
Tot Ion: 188

Sig Exp Ratio

188 100

94 7.2

80 9.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020326.D

Acq: 13 May 2019 21:09

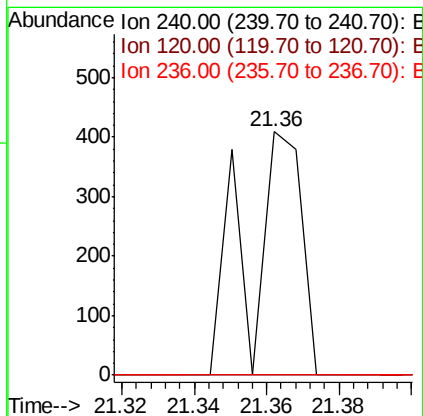
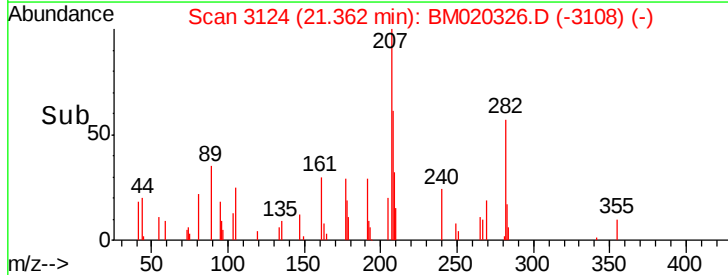
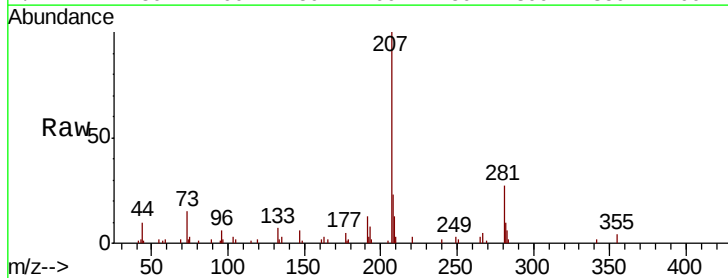
Tgt Ion: 240 Resp: 412

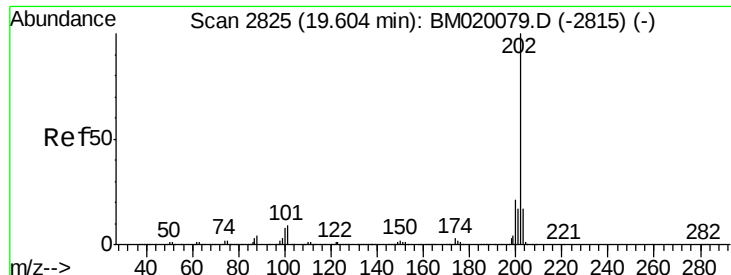
Ion Ratio Lower Upper

240 100

120 0.0 5.6 8.4#

236 0.0 20.9 31.3#





#78

Pvrene

Concen: 4.085 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM020326.D

Acq: 13 May 2019 21:09

Instrument :

BNA\_M

ClientSampleId :

P026-SS017-0612-01

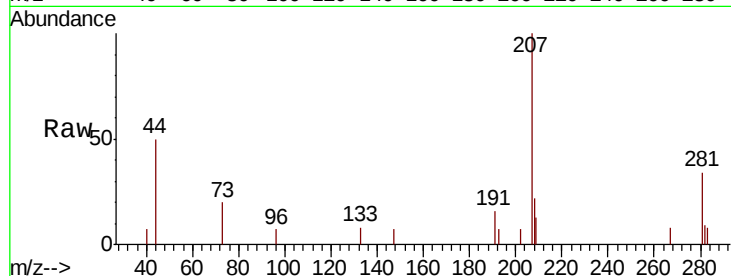
Tot Ion:202 Resp: 113

Ion Ratio Lower Upper

202 100

200 0.0 16.5 24.7#

203 0.0 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.59

300

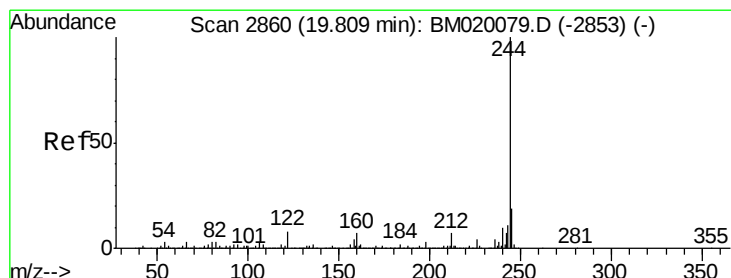
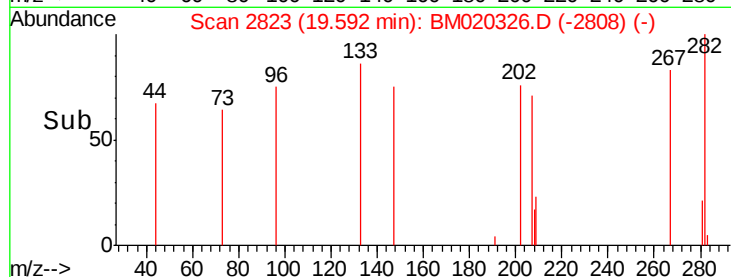
200

100

0

19.58 19.60

Time-->



#79

Terphenyl-d14

Concen: 51.014 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020326.D

Acq: 13 May 2019 21:09

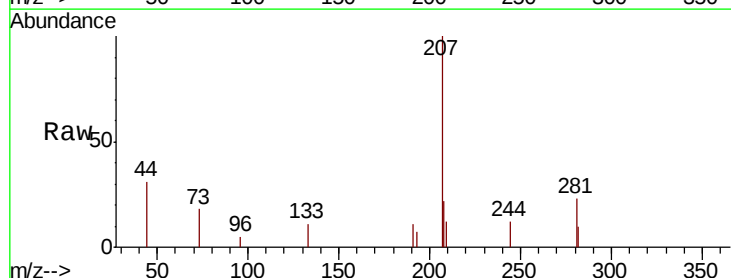
Tgt Ion:244 Resp: 1205

Ion Ratio Lower Upper

244 100

212 0.0 5.7 8.5#

122 0.0 6.2 9.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

1000

800

600

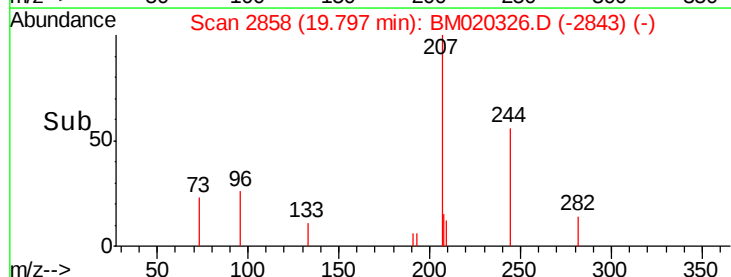
400

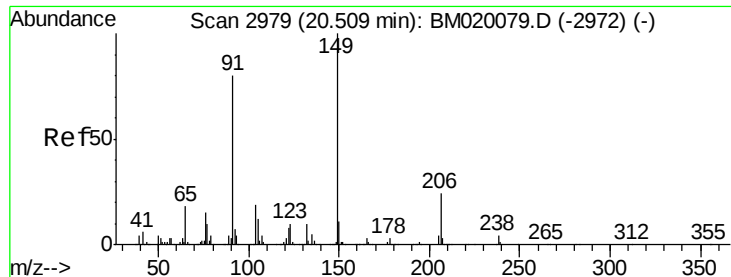
200

0

19.75 19.80

Time-->

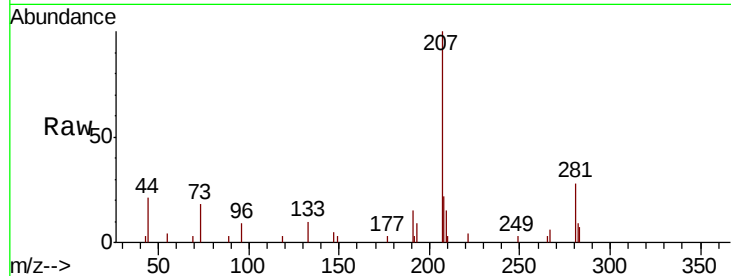




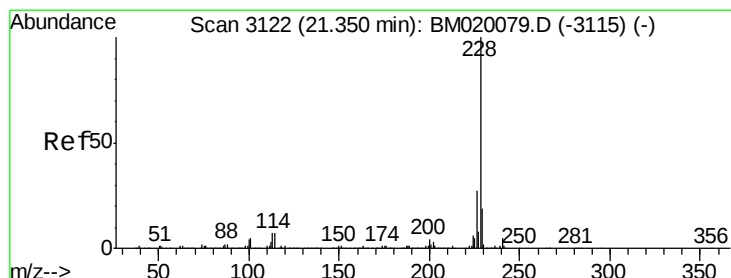
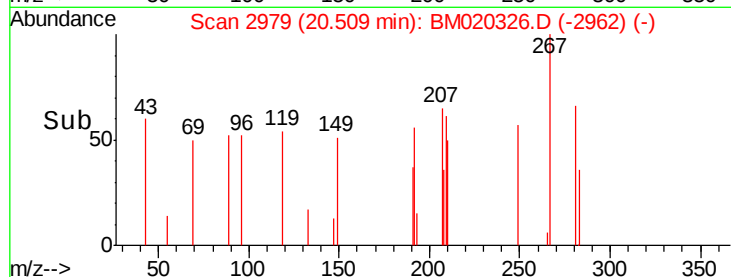
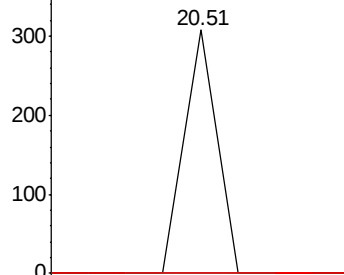
#80  
Butylbenzylphthalate  
Concen: 10.836 ng  
RT: 20.51 min Scan# 2979  
Delta R.T. -0.00 min  
Lab File: BM020326.D  
Acq: 13 May 2019 21:09

Instrument :  
BNA\_M  
ClientSampleId :  
P026-SS017-0612-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 0.0   | 63.8  | 95.8# |
| 206     | 0.0   | 18.9  | 28.3# |

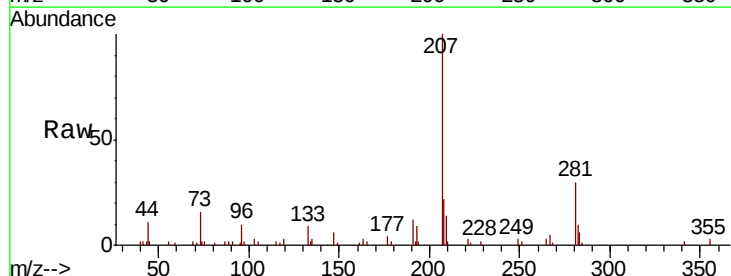


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BM0  
Ion 206.00 (205.70 to 206.70): E

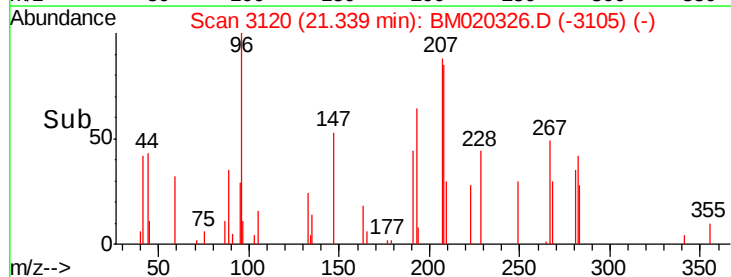
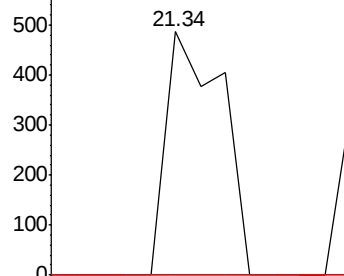


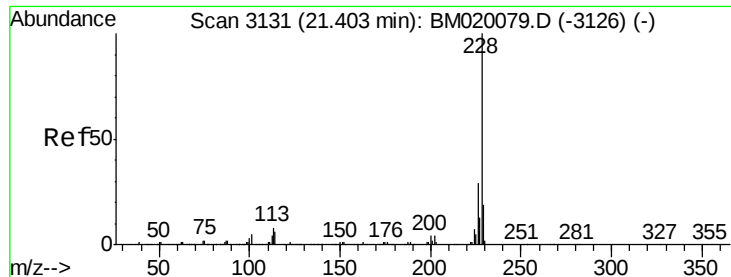
#81  
Benzo(a)anthracene  
Concen: 15.505 ng  
RT: 21.34 min Scan# 3120  
Delta R.T. -0.01 min  
Lab File: BM020326.D  
Acq: 13 May 2019 21:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 0.0   | 21.3  | 31.9# |
| 229     | 0.0   | 15.5  | 23.3# |



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 28.977 ng

RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM020326.D

Acq: 13 May 2019 21:09

Instrument :

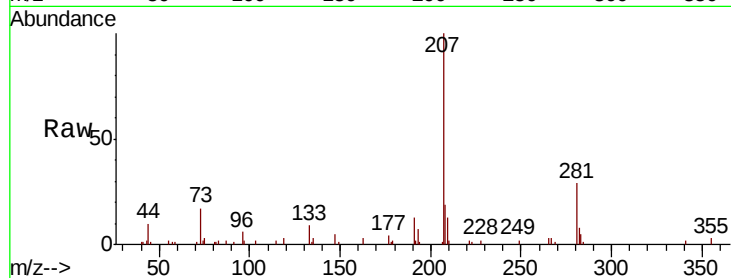
BNA\_M

ClientSampleId :

P026-SS017-0612-01

Tot Ion:228 Resp: 812

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 0.0   | 23.0  | 34.6# |
| 229 | 0.0   | 15.5  | 23.3# |

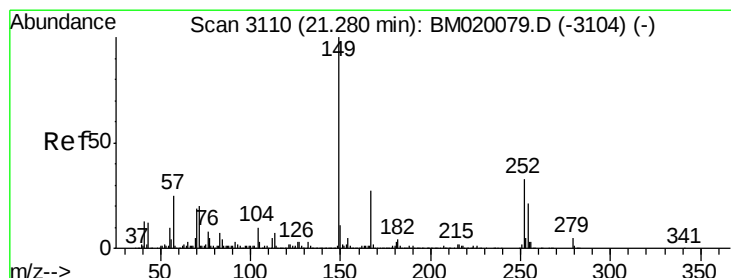
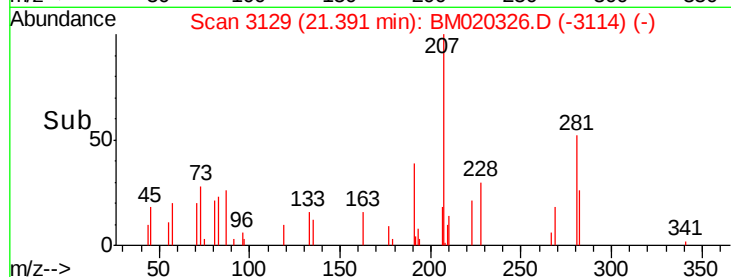
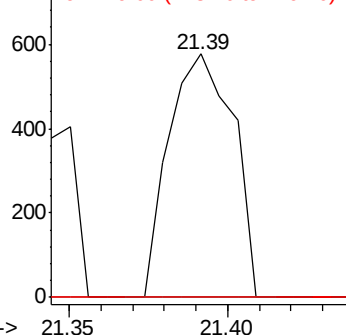


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 87.834 ng

RT: 21.25 min Scan# 3105

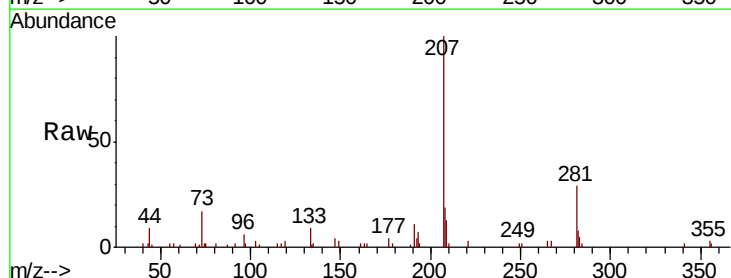
Delta R.T. -0.03 min

Lab File: BM020326.D

Acq: 13 May 2019 21:09

Tgt Ion:149 Resp: 1371

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 0.0   | 21.8  | 32.8# |
| 279 | 0.0   | 4.2   | 6.2#  |

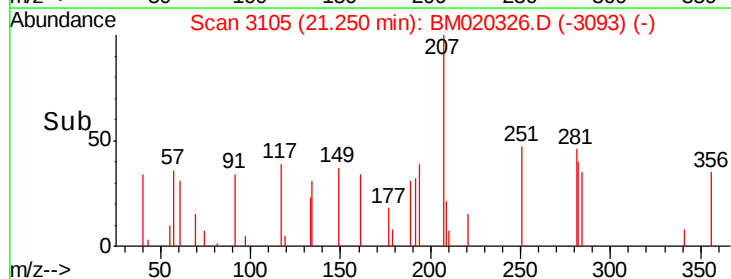
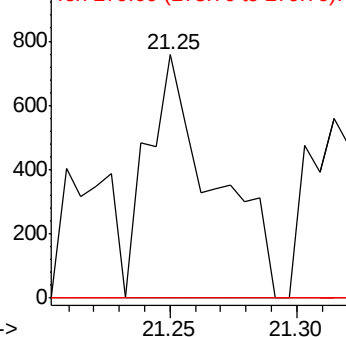


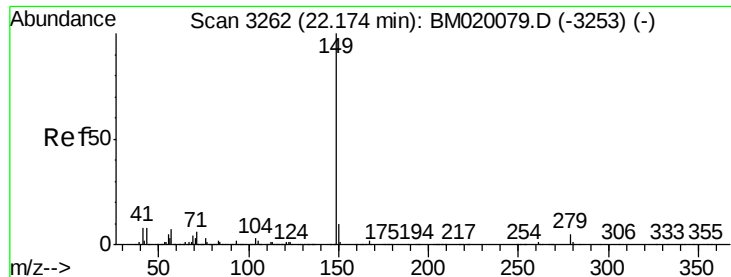
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 4.471 ng

RT: 22.13 min Scan# 3255

Delta R.T. -0.04 min

Lab File: BM020326.D

Acq: 13 May 2019 21:09

Instrument :

BNA\_M

ClientSampleId :

P026-SS017-0612-01

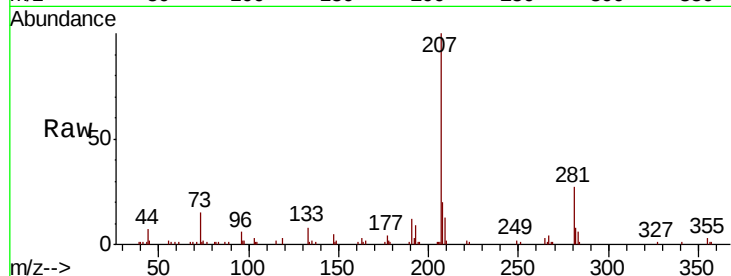
Tot Ion:149 Resp: 116

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

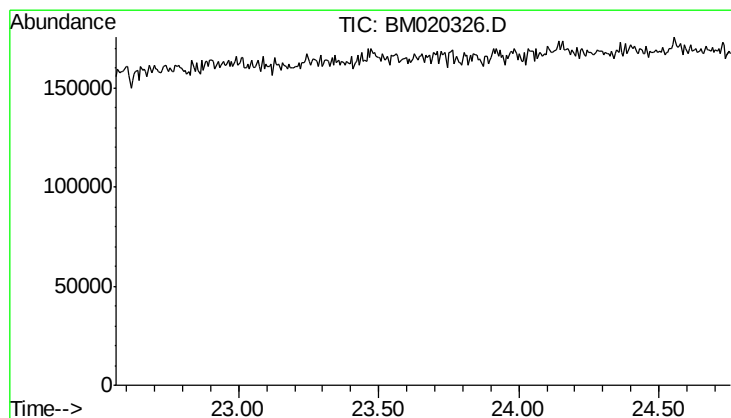
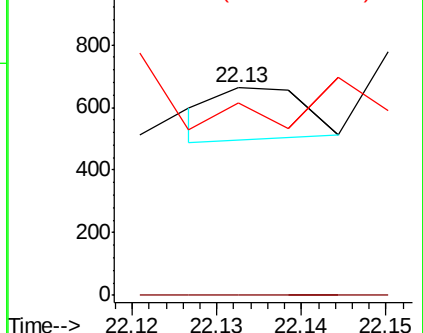
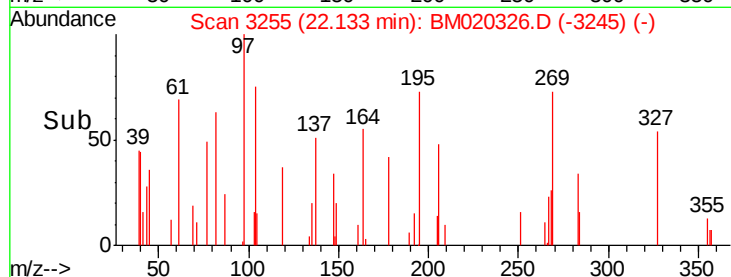
43 87.1 6.5 9.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#87

Perylene-d12

Concen: 0.000 ng

Expected RT: 23.66 min

Lab File: BM020326.D

Acq: 13 May 2019 21:09

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.0

265 21.1

