

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042419\  
 Data File : BM020074.D  
 Acq On : 24 Apr 2019 20:55  
 Operator : JU/SJ  
 Sample : K2542-16  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Apr 25 01:49:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 19 00:56:08 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    | -7.51    |
| 21) Naphthalene-d8          | 0.00 | 136  | 0        | 0.00 | ng    | -10.29   |
| 39) Acenaphthene-d10        | 0.00 | 164  | 0        | 0.00 | ng    | -14.17   |
| 64) Phenanthrene-d10        | 0.00 | 188  | 0        | 0.00 | ng    | -16.94   |
| 76) Chrysene-d12            | 0.00 | 240  | 0        | 0.00 | ng    | -21.16   |
| 87) Perylene-d12            | 0.00 | 264  | 0        | 0.00 | ng    | -23.35   |
| 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           | 0.00 | 244  | 0        | 0.00 | ng    |          |

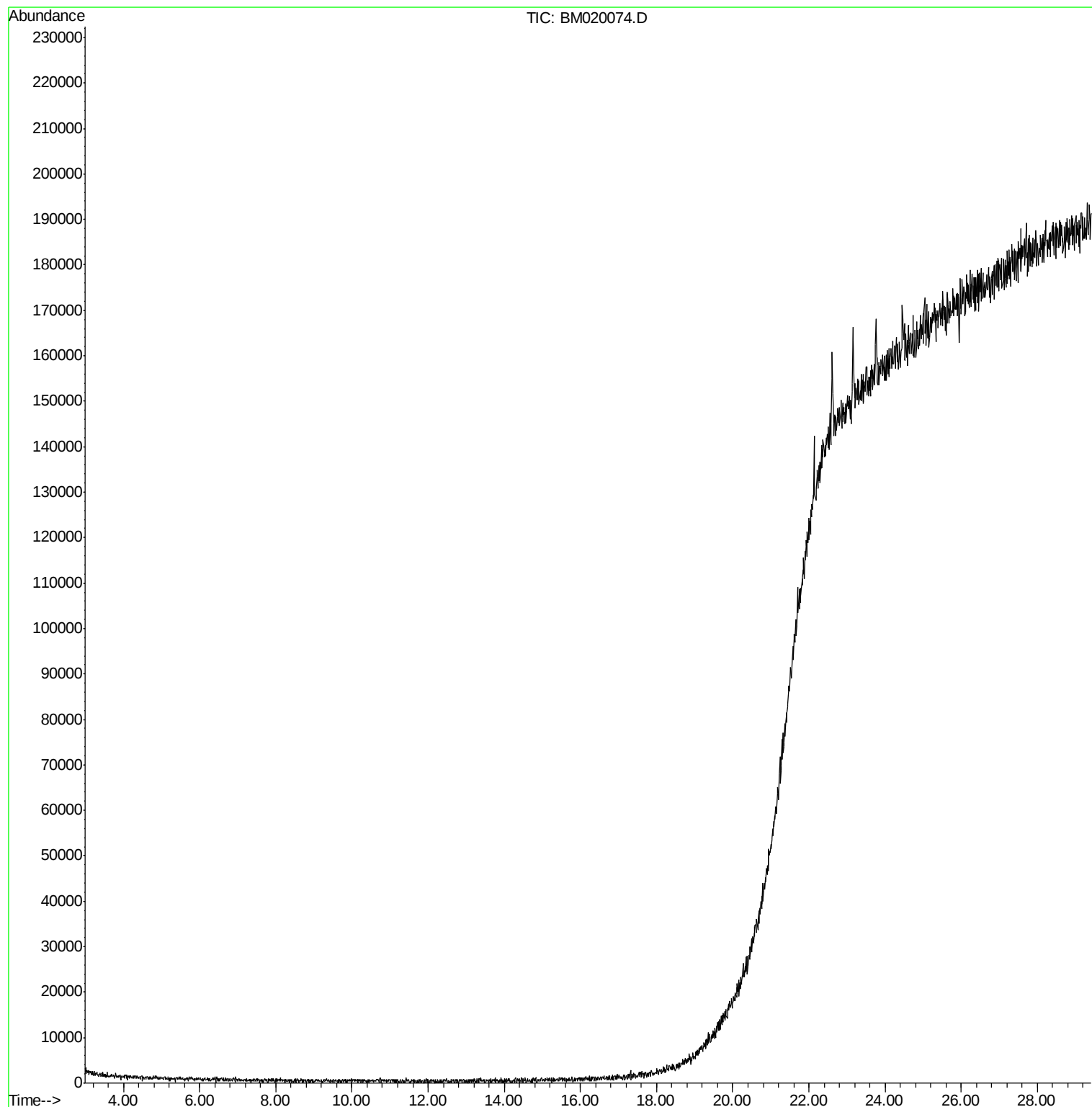
Target Compounds Qvalue

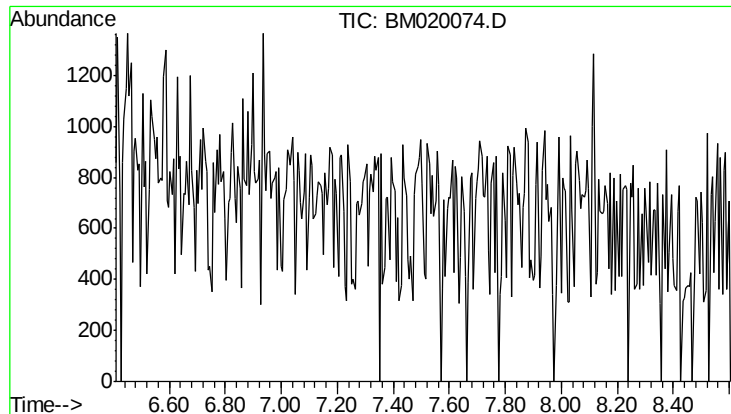
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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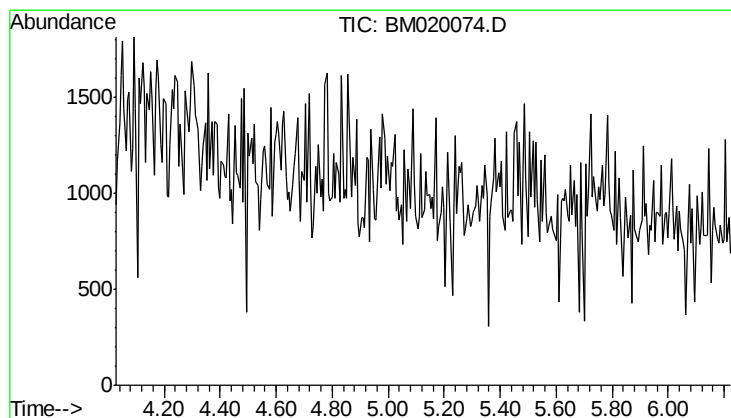
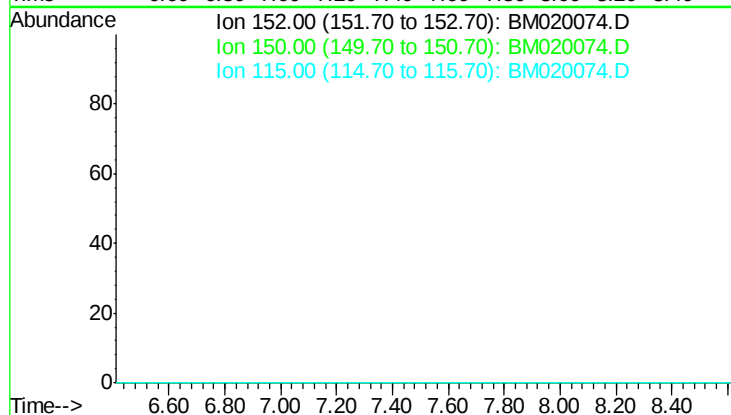




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.000 ng  
 Expected RT: 7.51 min  
 Lab File: BM020074.D  
 Acq: 24 Apr 2019 20:55

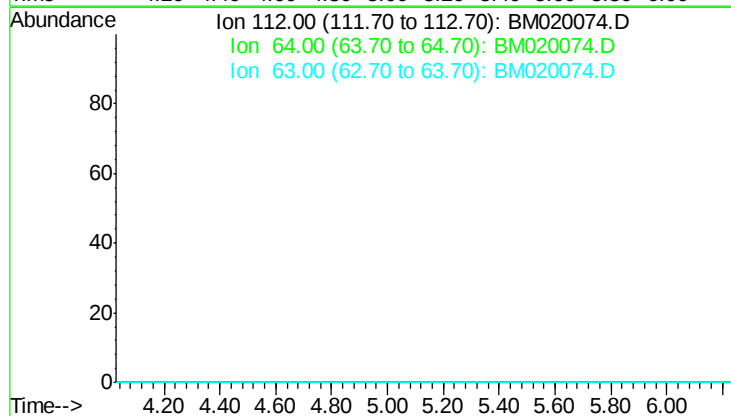
Instrument :  
 BNA\_M  
 ClientSampleId :

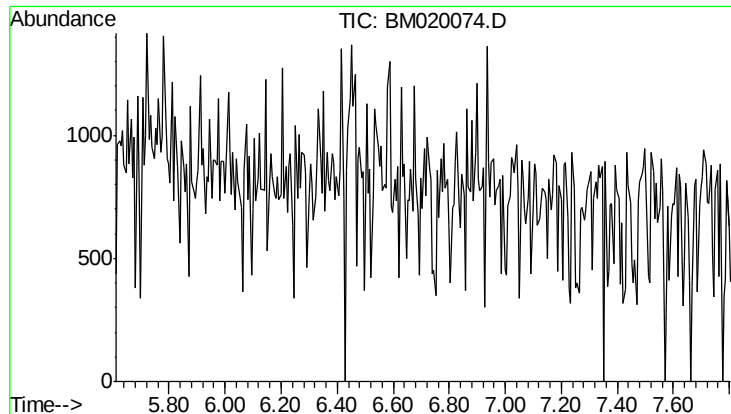
Tot Ion: 152  
 Sig Exp Ratio  
 152 100  
 150 152.6  
 115 62.5



#5  
 2-Fluorophenol  
 Concen: 0.000 ng  
 Expected RT: 5.13 min  
 Lab File: BM020074.D  
 Acq: 24 Apr 2019 20:55

Tgt Ion: 112  
 Sig Exp Ratio  
 112 100  
 64 61.4  
 63 33.1





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.71 min

Lab File: BM020074.D

Acq: 24 Apr 2019 20:55

Instrument :

BNA\_M

ClientSampleId :

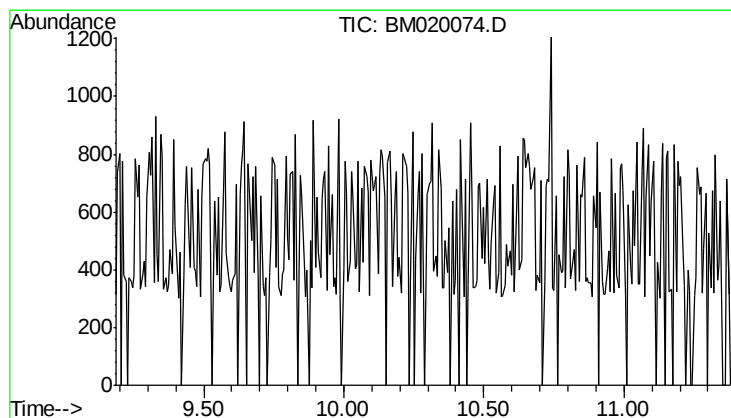
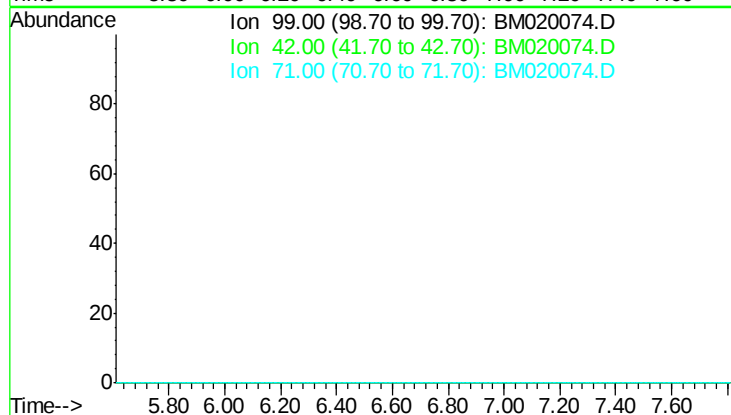
Tot Ion: 99

Sig Exp Ratio

99 100

42 14.8

71 40.0



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 10.29 min

Lab File: BM020074.D

Acq: 24 Apr 2019 20:55

Tgt Ion: 136

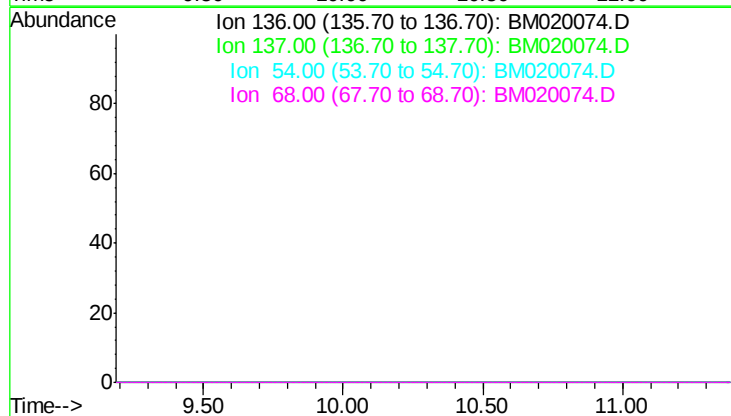
Sig Exp Ratio

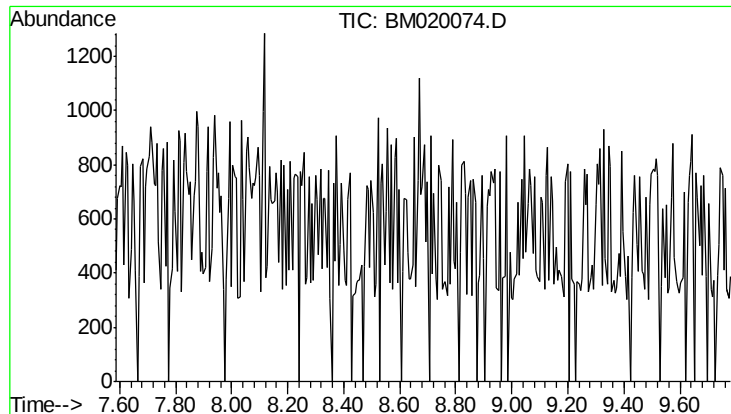
136 100

137 11.3

54 6.6

68 6.5

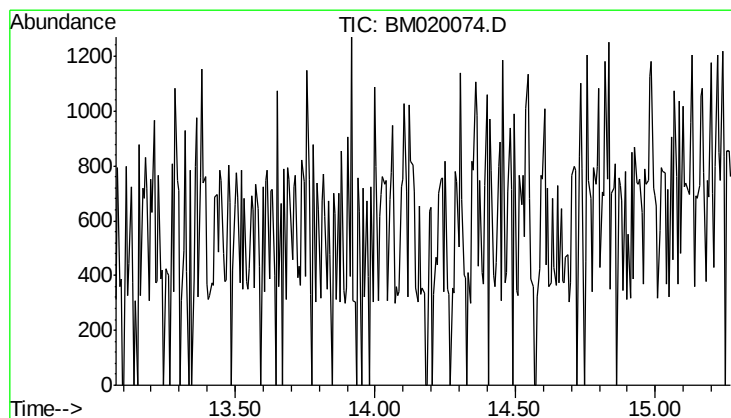
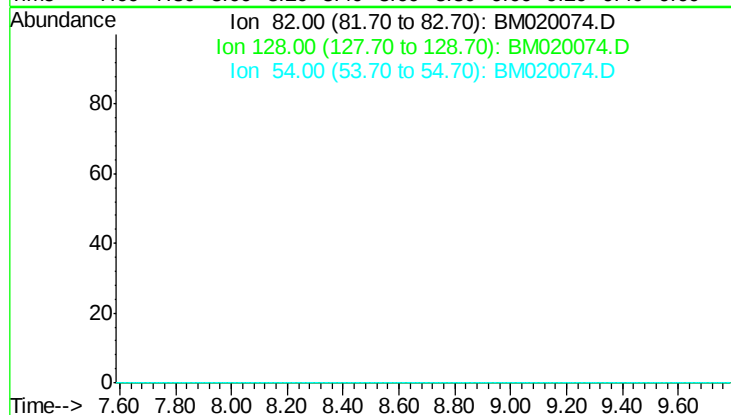




#23  
 Nitrobenzene-d5  
 Concen: 0.000 ng  
 Expected RT: 8.69 min  
 Lab File: BM020074.D  
 Acq: 24 Apr 2019 20:55

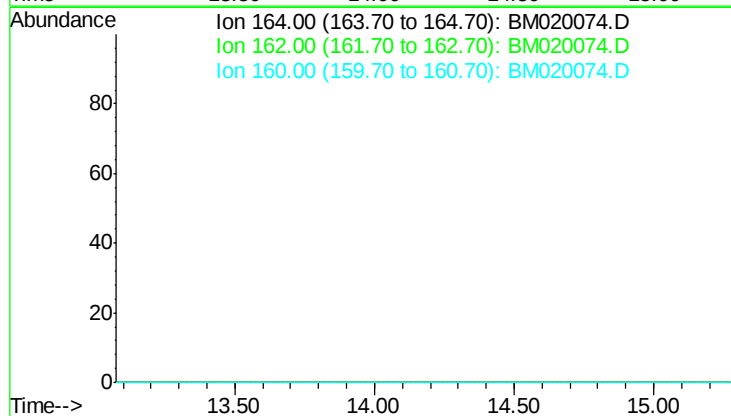
Instrument :  
 BNA\_M  
 ClientSampleId :

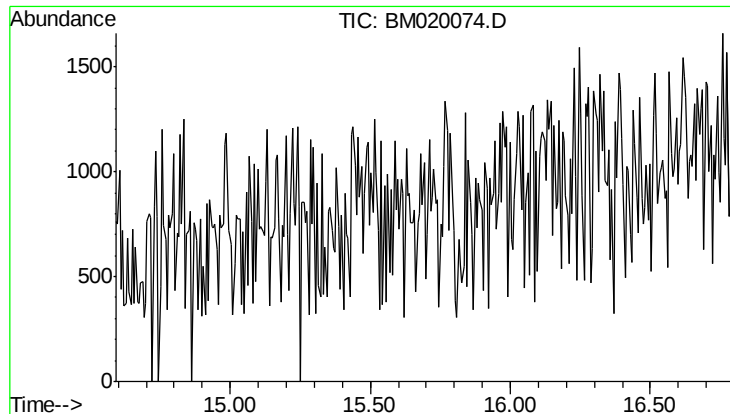
Tot Ion: 82  
 Sig Exp Ratio  
 82 100  
 128 36.2  
 54 37.8



#39  
 Acenaphthene-d10  
 Concen: 0.000 ng  
 Expected RT: 14.17 min  
 Lab File: BM020074.D  
 Acq: 24 Apr 2019 20:55

Tgt Ion: 164  
 Sig Exp Ratio  
 164 100  
 162 103.7  
 160 45.8

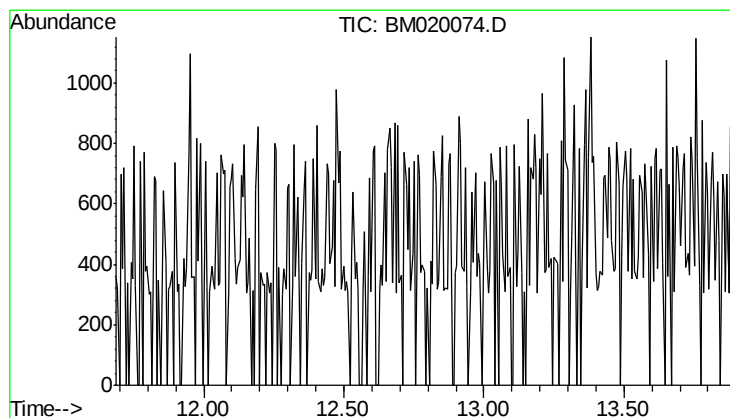
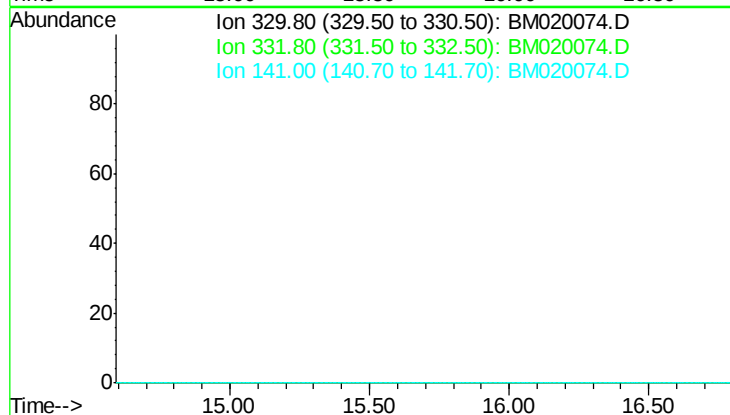




#42  
 2,4,6-Tribromophenol  
 Concen: 0.000 ng  
 Expected RT: 15.69 min  
 Lab File: BM020074.D  
 Acq: 24 Apr 2019 20:55

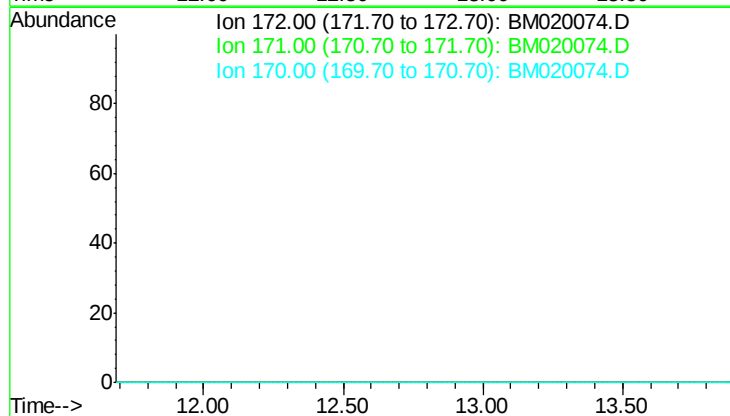
Instrument :  
 BNA\_M  
 ClientSampleId :

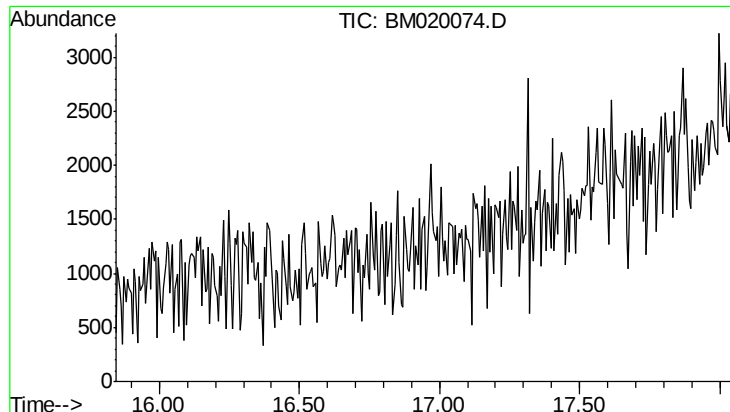
Tot Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 96.8  
 141 36.2



#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 12.79 min  
 Lab File: BM020074.D  
 Acq: 24 Apr 2019 20:55

Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 36.1  
 170 23.7

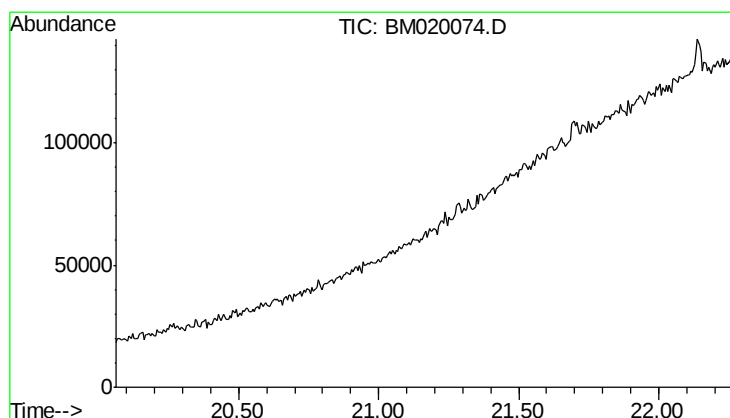
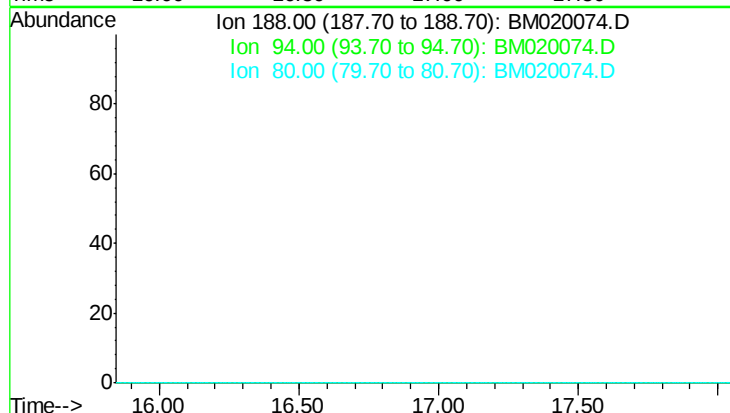




#64  
 Phenanthrene-d10  
 Concen: 0.000 ng  
 Expected RT: 16.94 min  
 Lab File: BM020074.D  
 Acq: 24 Apr 2019 20:55

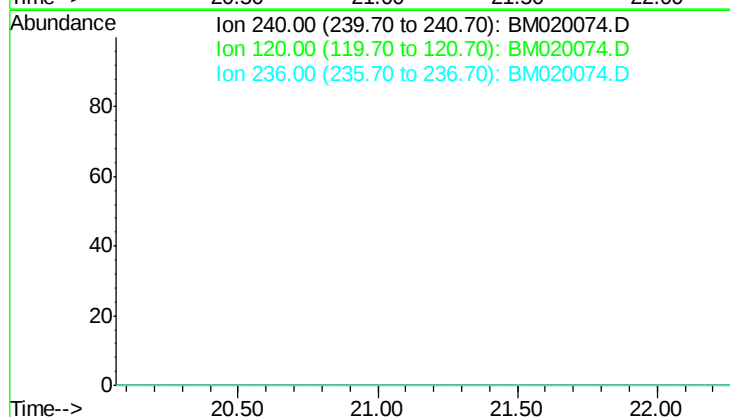
Instrument :  
 BNA\_M  
 ClientSampleId :

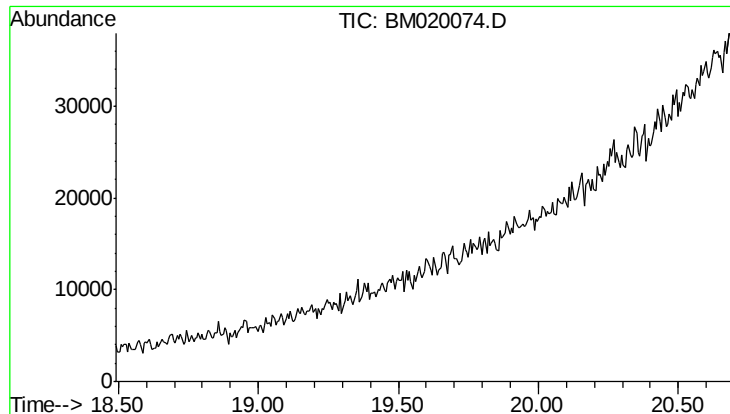
| Tot Ion | 188       |
|---------|-----------|
| Sig     | Exp Ratio |
| 188     | 100       |
| 94      | 9.5       |
| 80      | 11.7      |



#76  
 Chrysene-d12  
 Concen: 0.000 ng  
 Expected RT: 21.16 min  
 Lab File: BM020074.D  
 Acq: 24 Apr 2019 20:55

| Tgt Ion | 240       |
|---------|-----------|
| Sig     | Exp Ratio |
| 240     | 100       |
| 120     | 10.8      |
| 236     | 26.8      |





#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.59 min

Lab File: BM020074.D

Acq: 24 Apr 2019 20:55

Instrument :

BNA\_M

ClientSampleId :

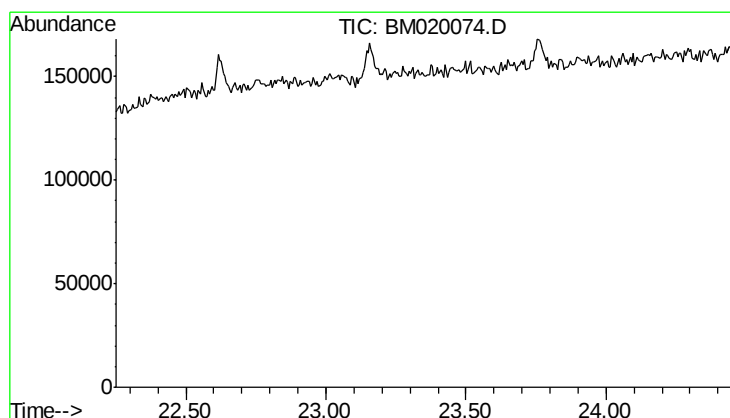
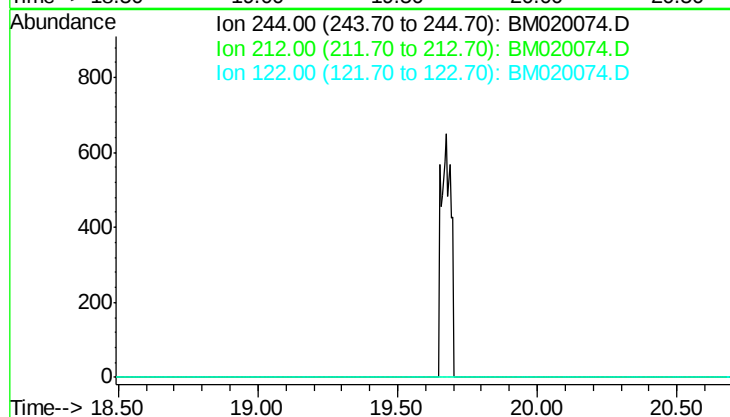
Tot Ion: 244

Sig Exp Ratio

244 100

212 7.1

122 11.4



#87

Perylene-d12

Concen: 0.000 ng

Expected RT: 23.35 min

Lab File: BM020074.D

Acq: 24 Apr 2019 20:55

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.0

265 21.5

