

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031623\  
 Data File : BN024345.D  
 Acq On : 17 Mar 2023 14:27  
 Operator : CG/JU  
 Sample : 01880-02DL 5X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE115D2-20230309DL

Quant Time: Mar 17 22:42:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 04:37:08 2023  
 Response via : Initial Calibration

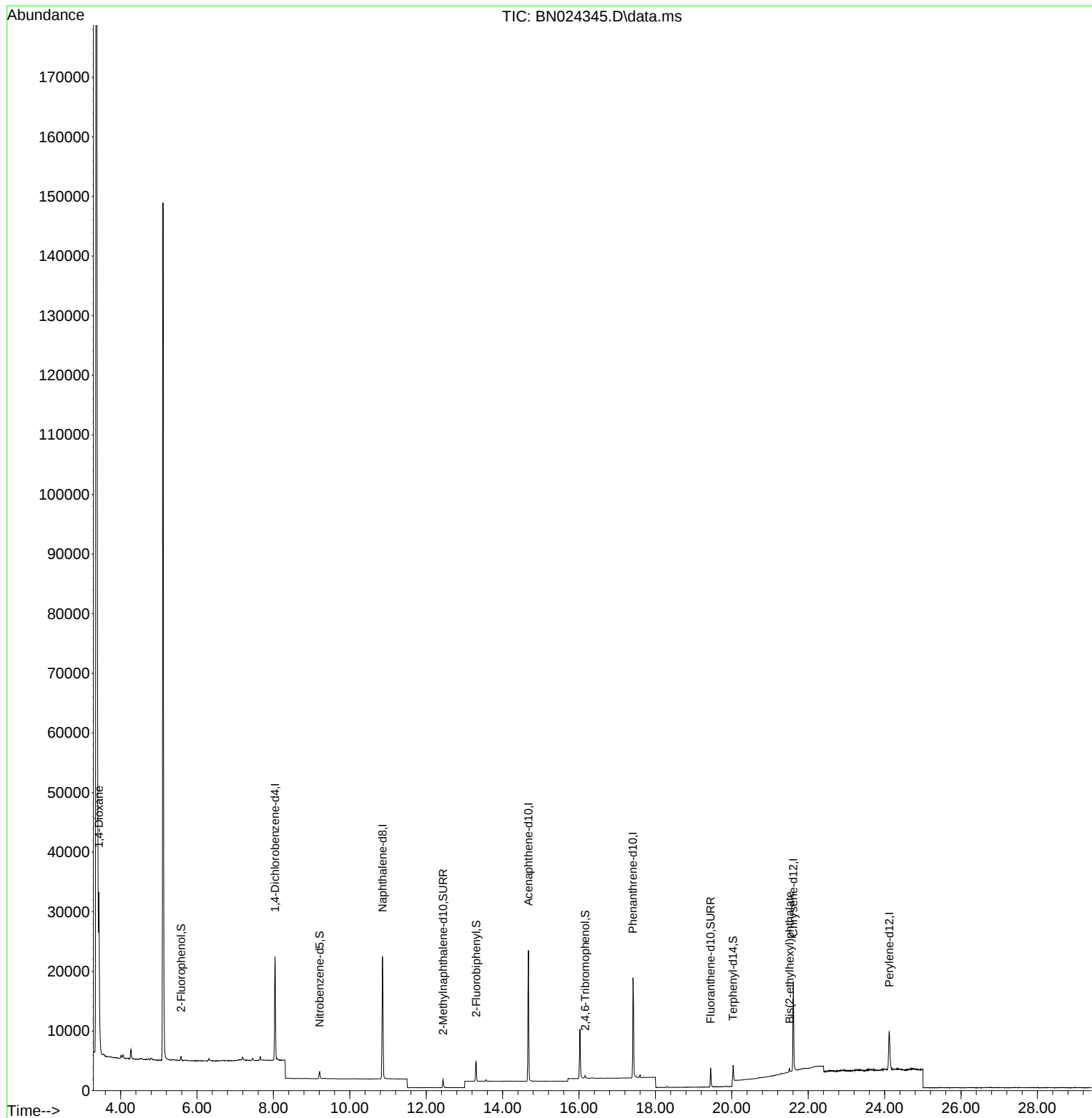
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 8.040  | 152  | 8705     | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.855 | 136  | 25679    | 0.400 | ng    | # 0.00    |
| 13) Acenaphthene-d10          | 14.675 | 164  | 11693    | 0.400 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.413 | 188  | 23459    | 0.400 | ng    | # 0.00    |
| 29) Chrysene-d12              | 21.610 | 240  | 14468    | 0.400 | ng    | # 0.00    |
| 35) Perylene-d12              | 24.120 | 264  | 10988    | 0.400 | ng    | # 0.00    |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.584  | 112  | 546      | 0.028 | ng    | 0.00      |
| 5) Phenol-d6                  | 7.195  | 99   | 455      | 0.018 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 9.211  | 82   | 1115     | 0.065 | ng    | 0.01      |
| 11) 2-Methylnaphthalene-d10   | 12.441 | 152  | 1842     | 0.058 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 16.159 | 330  | 283      | 0.047 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 13.307 | 172  | 3101     | 0.070 | ng    | 0.00      |
| 27) Fluoranthene-d10          | 19.446 | 212  | 3288     | 0.066 | ng    | 0.00      |
| 31) Terphenyl-d14             | 20.034 | 244  | 2035     | 0.083 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 2) 1,4-Dioxane                | 3.432  | 88   | 13893    | 1.467 | ng    | Qvalue 94 |
| 34) Bis(2-ethylhexyl)phtha... | 21.511 | 149  | 810      | 0.036 | ng    | # 93      |
| -----                         |        |      |          |       |       |           |

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

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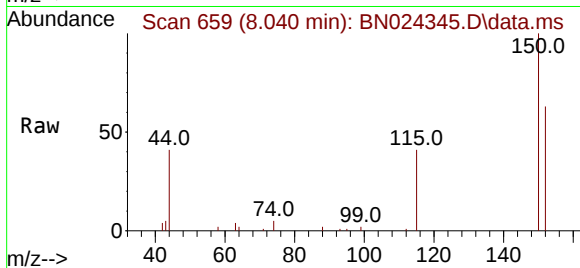
Quant Time: Mar 17 22:42:46 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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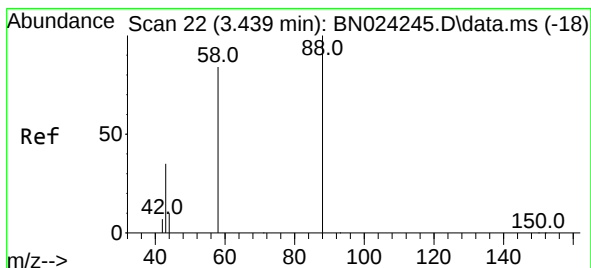
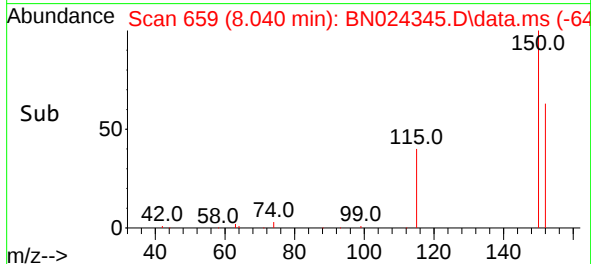
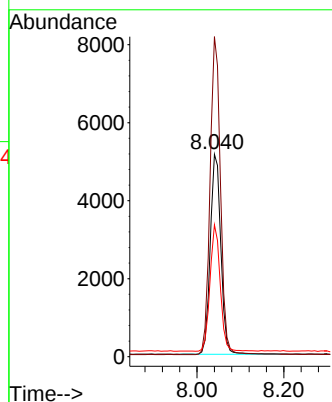
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.040 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN024345.D  
 Acq: 17 Mar 2023 14:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE115D2-20230309DL



Tgt Ion: 152 Resp: 8705

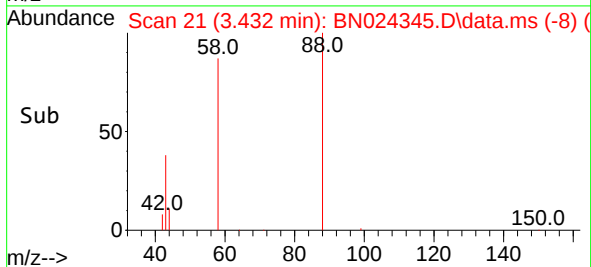
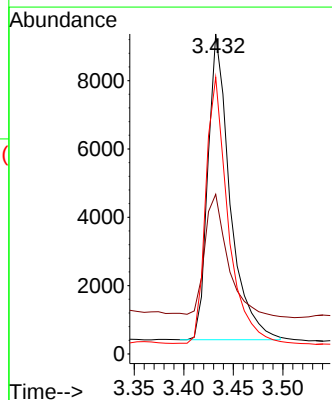
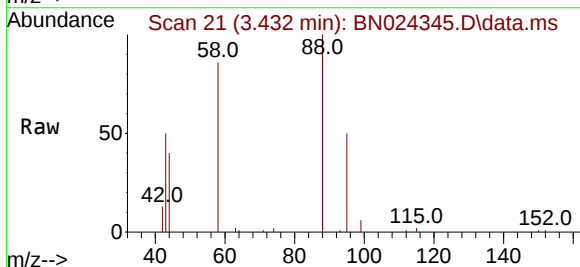
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 158.1 | 124.7 | 187.1 |
| 115 | 65.1  | 49.1  | 73.7  |

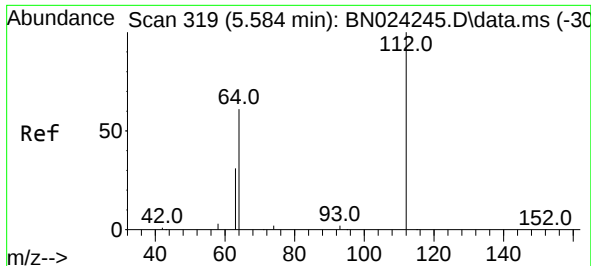


#2  
 1,4-Dioxane  
 Concen: 1.467 ng  
 RT: 3.432 min Scan# 21  
 Delta R.T. -0.007 min  
 Lab File: BN024345.D  
 Acq: 17 Mar 2023 14:27

Tgt Ion: 88 Resp: 13893

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 41.6  | 29.0  | 43.4  |
| 58  | 87.7  | 67.3  | 100.9 |





#4

2-Fluorophenol

Concen: 0.028 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN024345.D

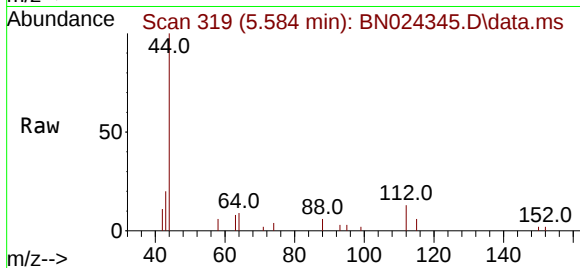
Acq: 17 Mar 2023 14:27

Instrument :

BNA\_N

ClientSampleId :

RE115D2-20230309DL



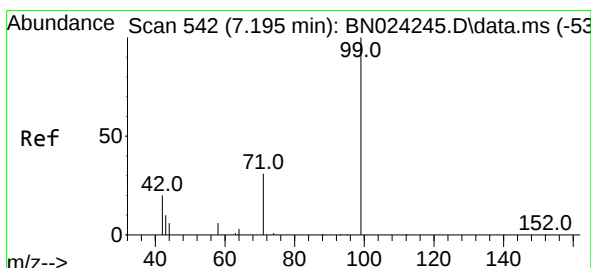
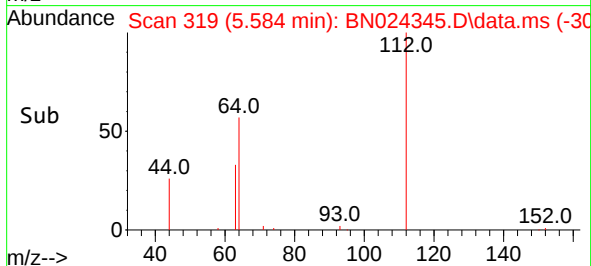
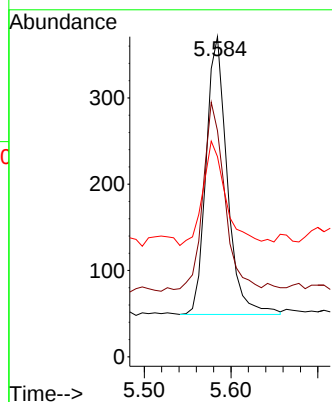
Tgt Ion:112 Resp: 546

Ion Ratio Lower Upper

112 100

64 70.9 49.0 73.6

63 40.5 25.7 38.5#



#5

Phenol-d6

Concen: 0.018 ng

RT: 7.195 min Scan# 542

Delta R.T. 0.007 min

Lab File: BN024345.D

Acq: 17 Mar 2023 14:27

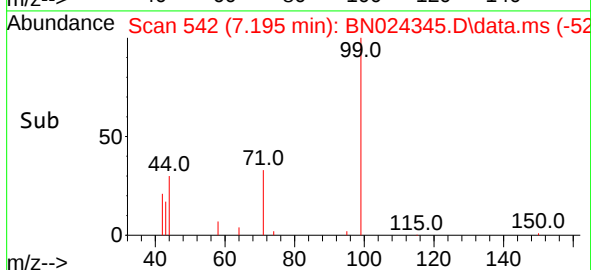
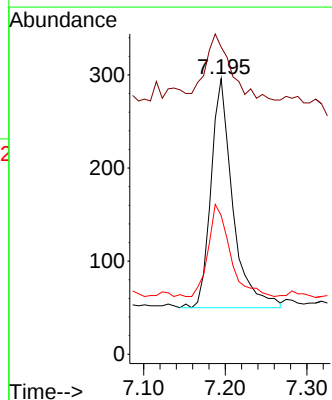
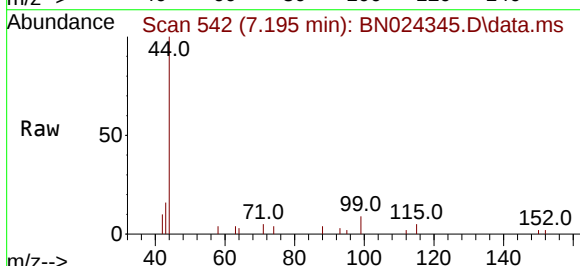
Tgt Ion: 99 Resp: 455

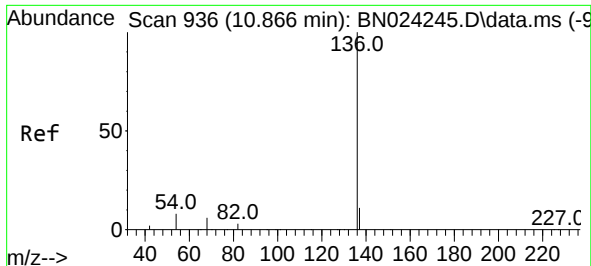
Ion Ratio Lower Upper

99 100

42 33.6 20.1 30.1#

71 41.1 25.8 38.8#

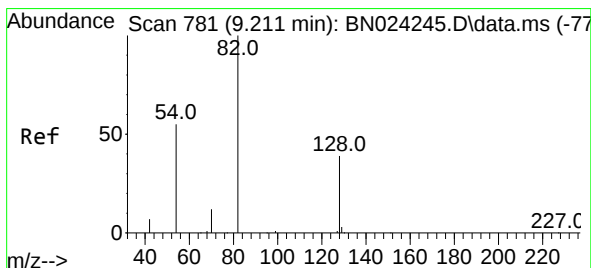
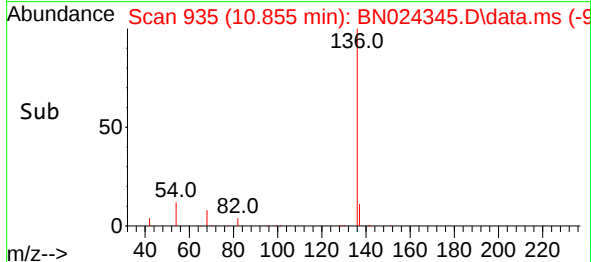
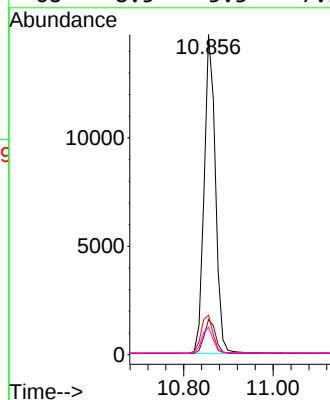
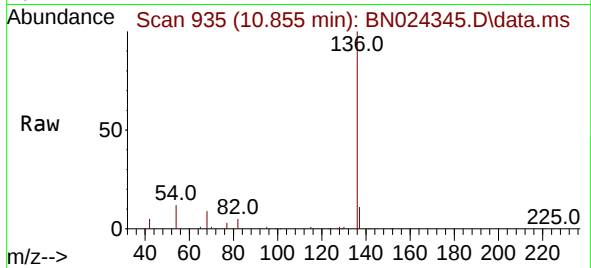




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.855 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN024345.D  
Acq: 17 Mar 2023 14:27

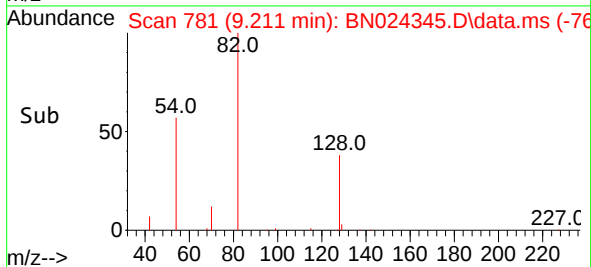
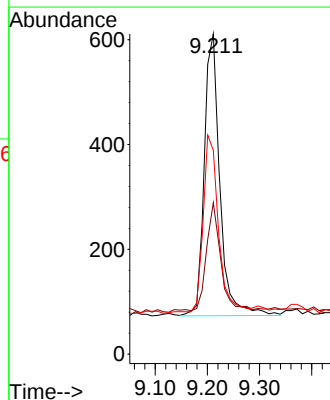
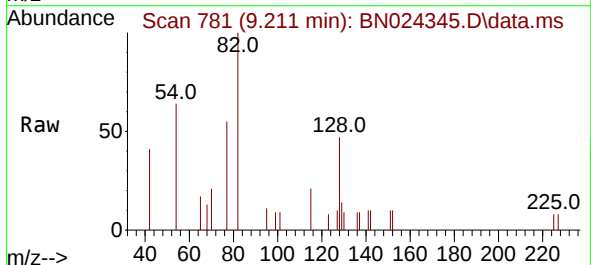
Instrument :  
BNA\_N  
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RE115D2-20230309DL

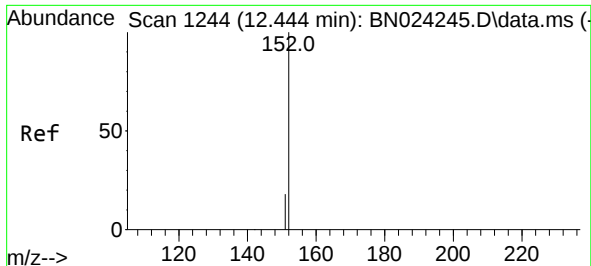
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 25679 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.9  | 8.9   | 13.3  |
| 54        | 12.3  | 7.1   | 10.7# |
| 68        | 8.5   | 5.3   | 7.9#  |



#8  
Nitrobenzene-d5  
Concen: 0.065 ng  
RT: 9.211 min Scan# 781  
Delta R.T. 0.011 min  
Lab File: BN024345.D  
Acq: 17 Mar 2023 14:27

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 1115 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 47.3  | 32.4  | 48.6 |
| 54        | 63.7  | 45.2  | 67.8 |

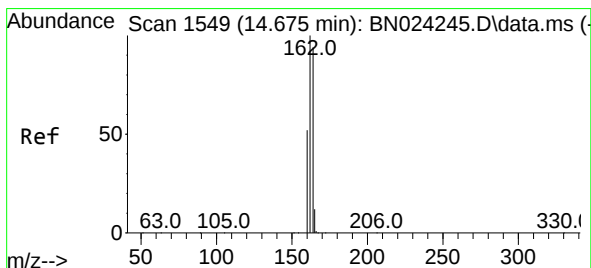
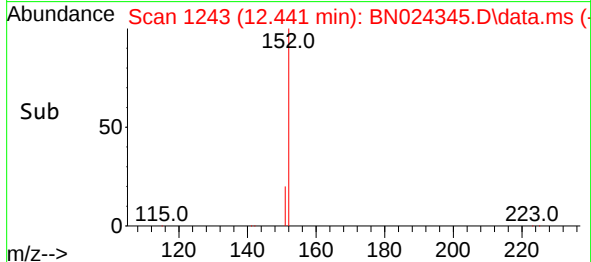
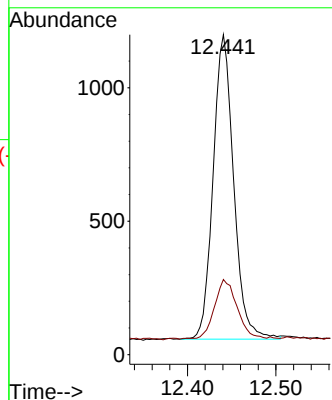
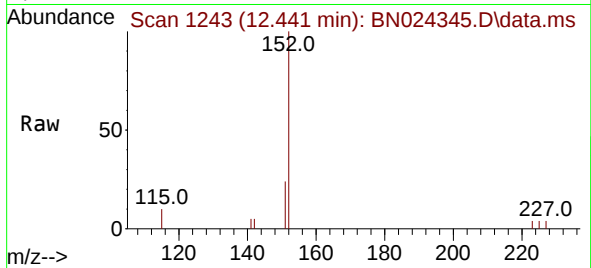




#11  
2-Methylnaphthalene-d10  
Concen: 0.058 ng  
RT: 12.441 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN024345.D  
Acq: 17 Mar 2023 14:27

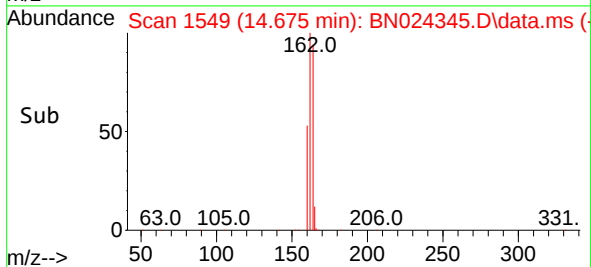
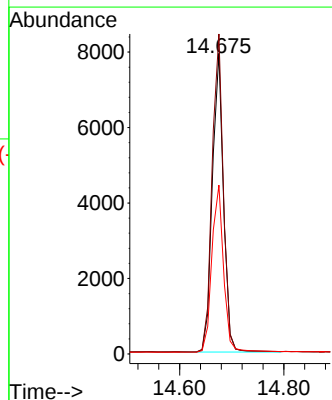
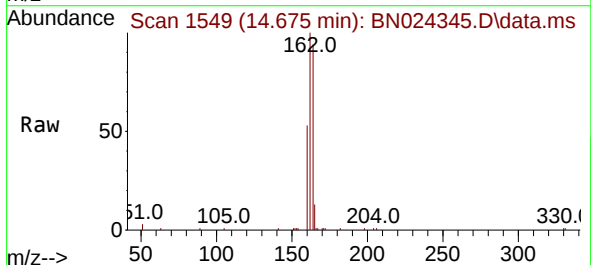
Instrument :  
BNA\_N  
ClientSampleId :  
RE115D2-20230309DL

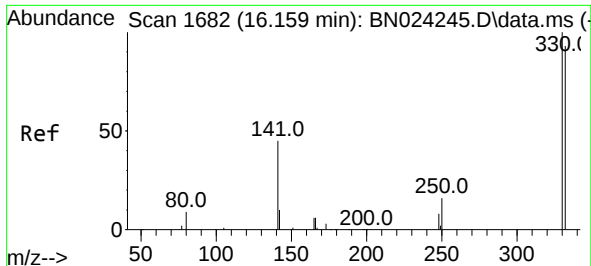
Tgt Ion:152 Resp: 1842  
Ion Ratio Lower Upper  
152 100  
151 21.8 16.8 25.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.675 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: BN024345.D  
Acq: 17 Mar 2023 14:27

Tgt Ion:164 Resp: 11693  
Ion Ratio Lower Upper  
164 100  
162 106.5 84.7 127.1  
160 56.2 44.6 66.8

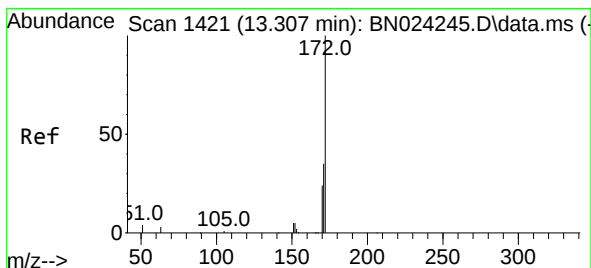
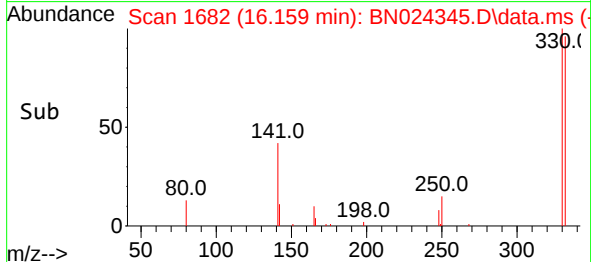
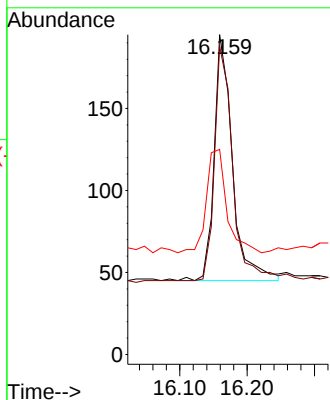
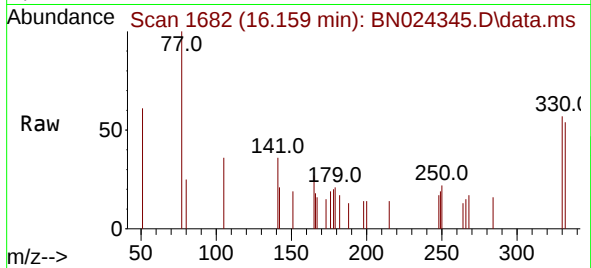




#14  
2,4,6-Tribromophenol  
Concen: 0.047 ng  
RT: 16.159 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: BN024345.D  
Acq: 17 Mar 2023 14:27

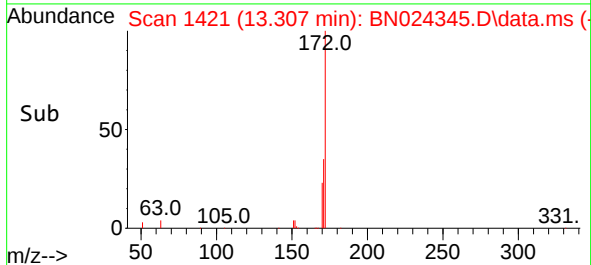
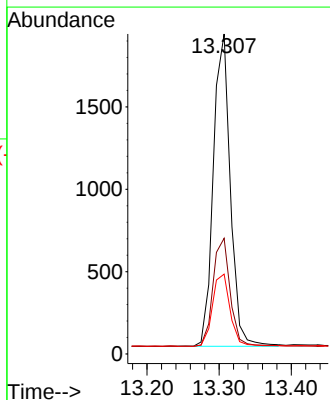
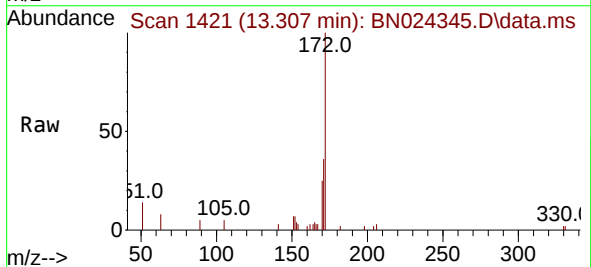
Instrument :  
BNA\_N  
ClientSampleId :  
RE115D2-20230309DL

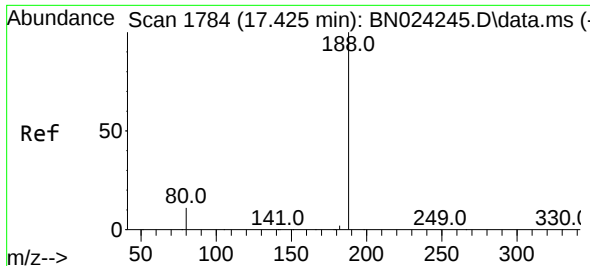
Tgt Ion: 330 Resp: 283  
Ion Ratio Lower Upper  
330 100  
332 94.3 78.0 117.0  
141 47.0 30.8 46.2#



#15  
2-Fluorobiphenyl  
Concen: 0.070 ng  
RT: 13.307 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BN024345.D  
Acq: 17 Mar 2023 14:27

Tgt Ion: 172 Resp: 3101  
Ion Ratio Lower Upper  
172 100  
171 36.2 27.8 41.8  
170 25.0 19.0 28.6

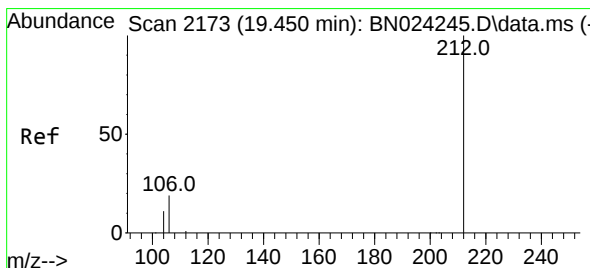
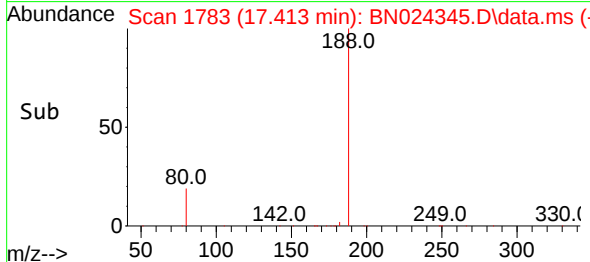
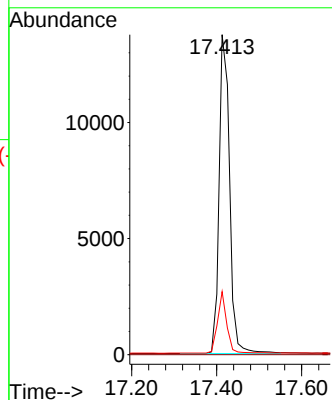
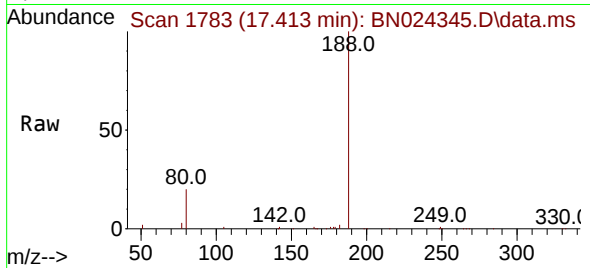




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.413 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN024345.D  
Acq: 17 Mar 2023 14:27

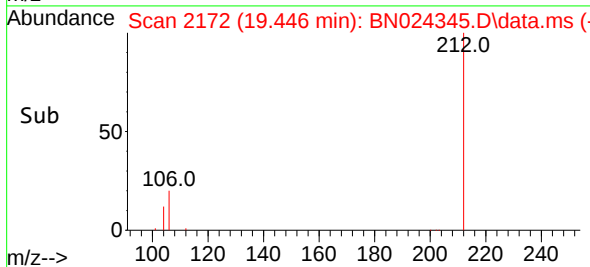
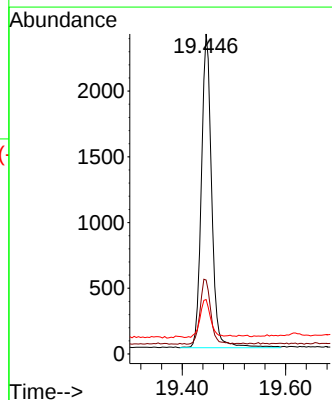
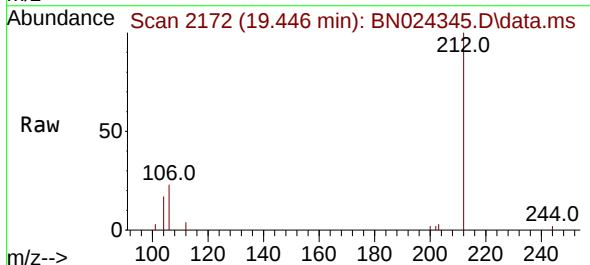
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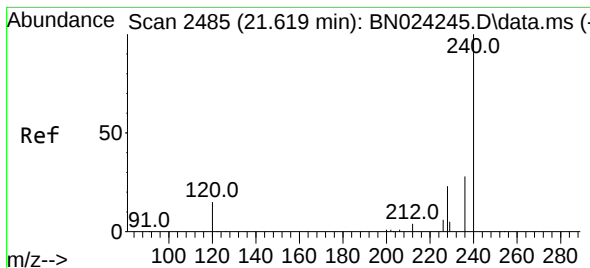
Tgt Ion:188 Resp: 23459  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 19.7 8.9 13.3#



#27  
Fluoranthene-d10  
Concen: 0.066 ng  
RT: 19.446 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BN024345.D  
Acq: 17 Mar 2023 14:27

Tgt Ion:212 Resp: 3288  
Ion Ratio Lower Upper  
212 100  
106 21.4 15.4 23.2  
104 12.3 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.610 min Scan# 2484

Delta R.T. 0.009 min

Lab File: BN024345.D

Acq: 17 Mar 2023 14:27

Instrument :

BNA\_N

ClientSampleId :

RE115D2-20230309DL

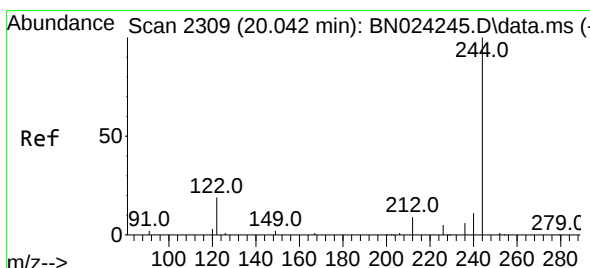
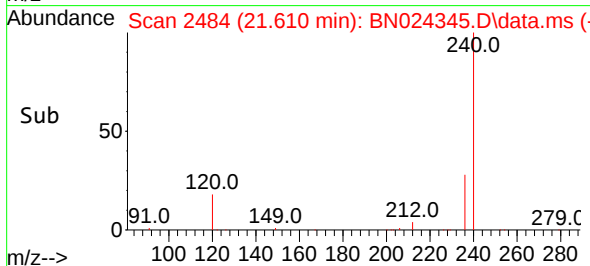
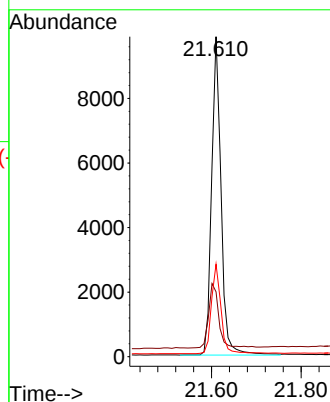
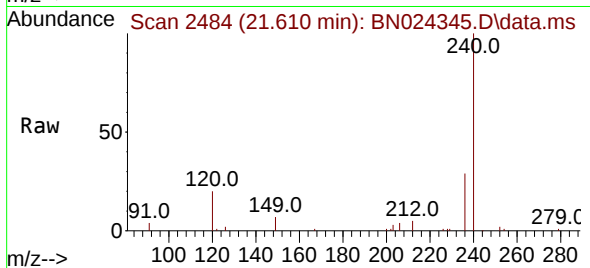
Tgt Ion:240 Resp: 14468

Ion Ratio Lower Upper

240 100

120 20.3 12.8 19.2#

236 28.9 22.5 33.7



#31

Terphenyl-d14

Concen: 0.083 ng

RT: 20.034 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BN024345.D

Acq: 17 Mar 2023 14:27

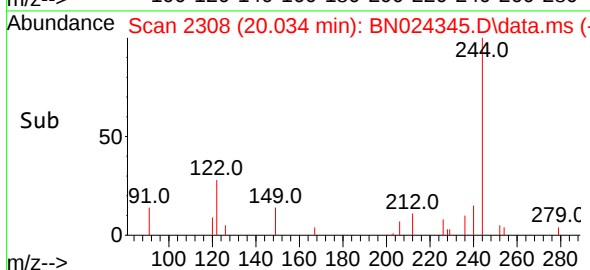
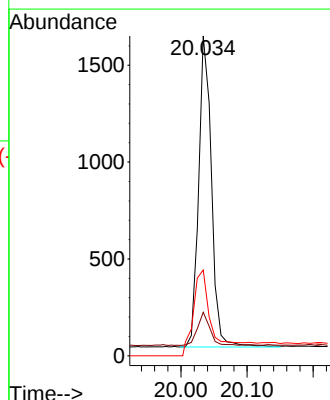
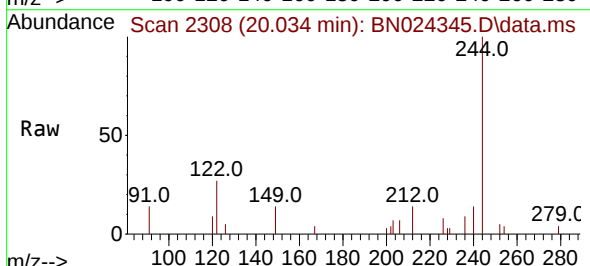
Tgt Ion:244 Resp: 2035

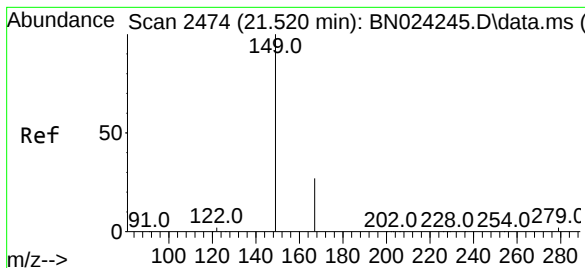
Ion Ratio Lower Upper

244 100

212 13.6 7.6 11.4#

122 26.8 15.1 22.7#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.036 ng

RT: 21.511 min Scan# 2473

Delta R.T. 0.009 min

Lab File: BN024345.D

Acq: 17 Mar 2023 14:27

Instrument :

BNA\_N

ClientSampleId :

RE115D2-20230309DL

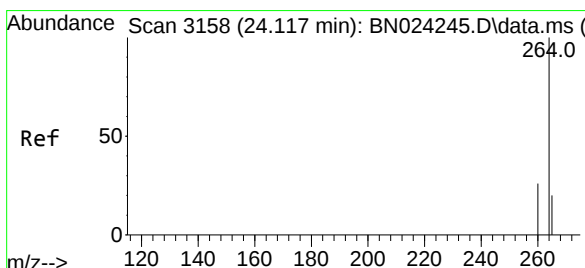
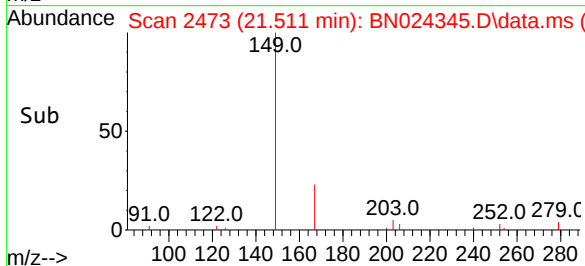
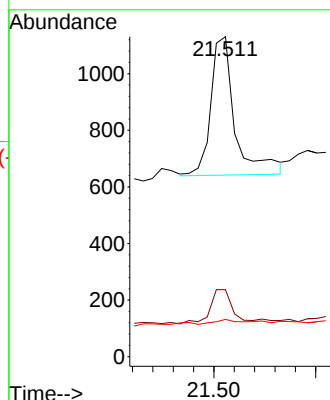
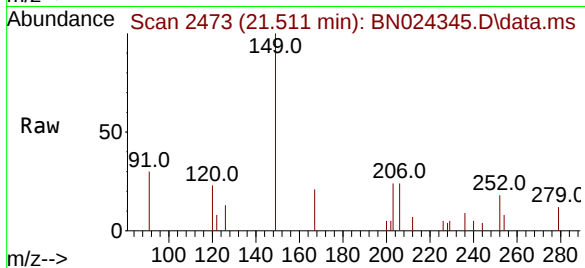
Tgt Ion:149 Resp: 810

Ion Ratio Lower Upper

149 100

167 22.6 21.2 31.8

279 3.3 1.8 2.8#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.120 min Scan# 3159

Delta R.T. 0.006 min

Lab File: BN024345.D

Acq: 17 Mar 2023 14:27

Tgt Ion:264 Resp: 10988

Ion Ratio Lower Upper

264 100

260 27.1 21.4 32.2

265 65.5 35.7 53.5#

