

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060623\  
 Data File : BM040125.D  
 Acq On : 07 Jun 2023 05:16  
 Operator : MA/JU  
 Sample : 03008-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-18-0A

Quant Time: Jun 07 05:49:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 06 16:45:42 2023  
 Response via : Initial Calibration

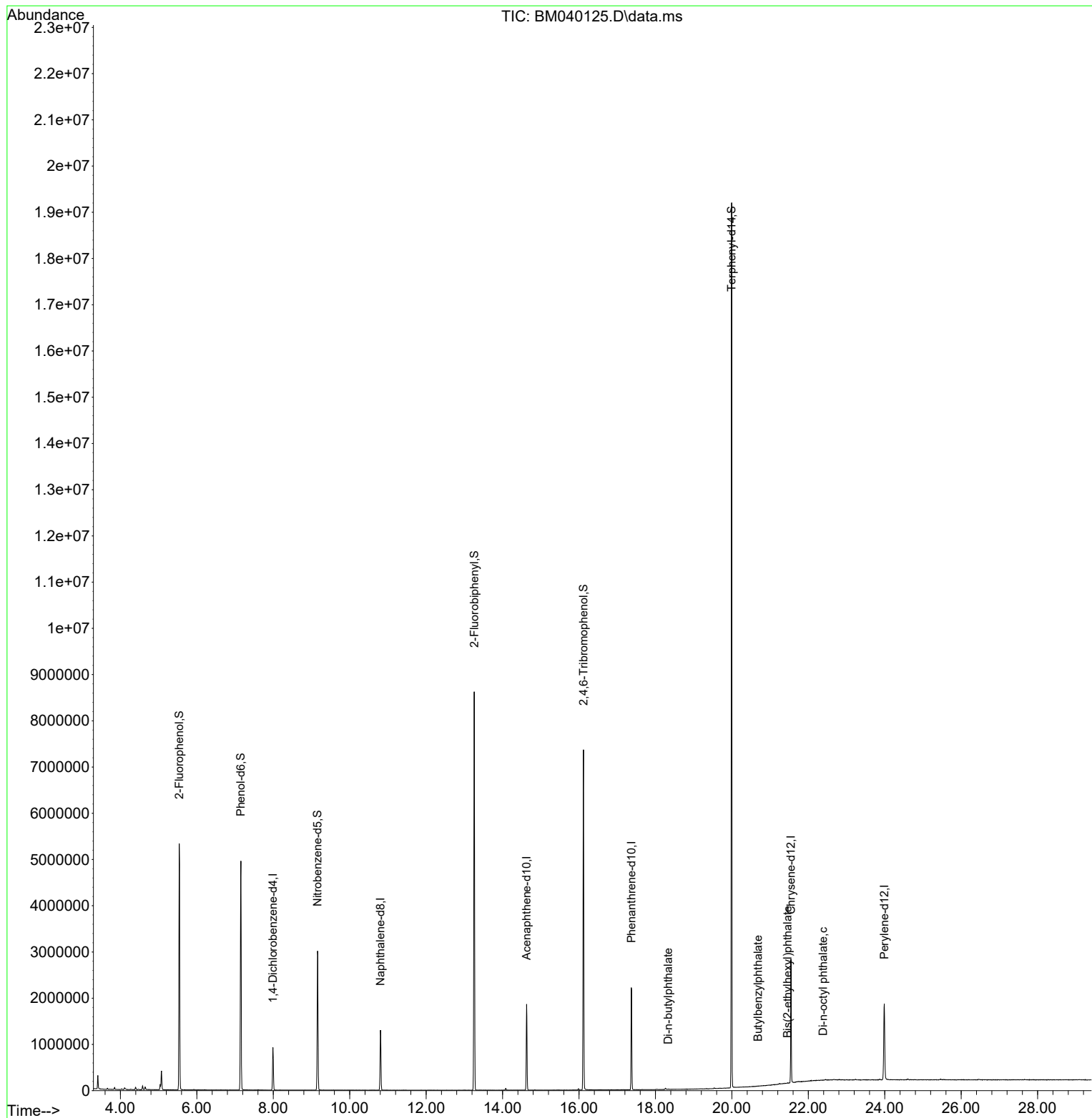
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.993  | 152  | 235991   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.804 | 136  | 1021069  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.628 | 164  | 552239   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.369 | 188  | 1169494  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.545 | 240  | 986186   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 23.986 | 264  | 1028137  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.540  | 112  | 2262634  | 147.071 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.152  | 99   | 2779962  | 138.521 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.157  | 82   | 1670792  | 88.296  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.116 | 330  | 1184004  | 165.188 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.257 | 172  | 3937303  | 84.094  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.992 | 244  | 7842900  | 123.482 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 74) Di-n-butylphthalate       | 18.333 | 149  | 4252     | 3.711   | ng    | # 92     |
| 80) Butylbenzylphthalate      | 20.680 | 149  | 149      | 4.836   | ng    | # 75     |
| 84) Bis(2-ethylhexyl)phtha... | 21.456 | 149  | 1878     | 3.639   | ng    | # 88     |
| 85) Di-n-octyl phthalate      | 22.386 | 149  | 1070     | 6.626   | ng    | # 16     |
| -----                         |        |      |          |         |       |          |

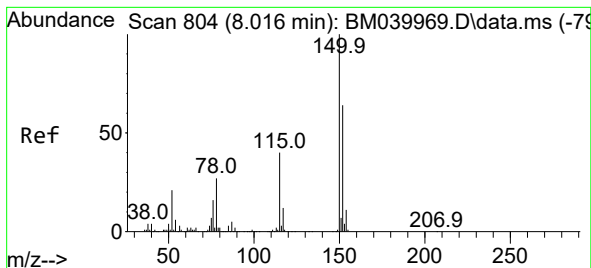
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060623\  
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Quant Time: Jun 07 05:49:02 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 06 16:45:42 2023  
Response via : Initial Calibration

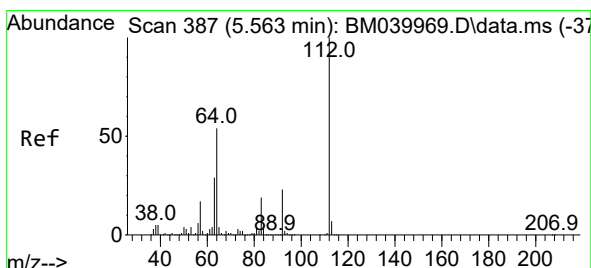
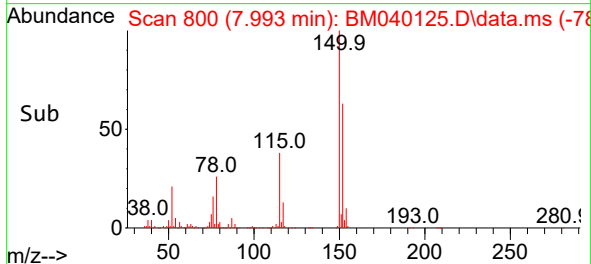
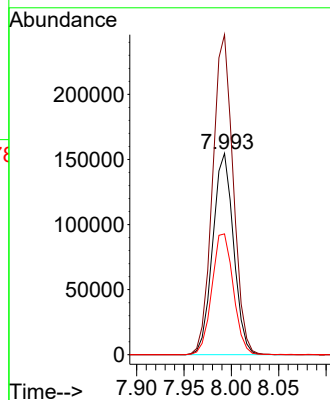
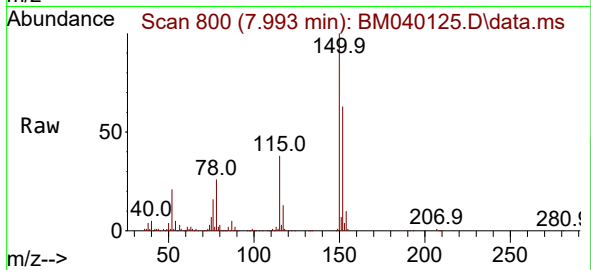




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.993 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BM040125.D  
Acq: 07 Jun 2023 05:16

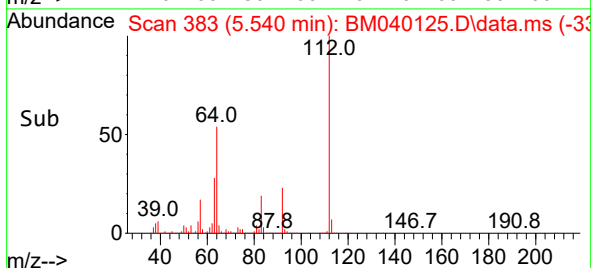
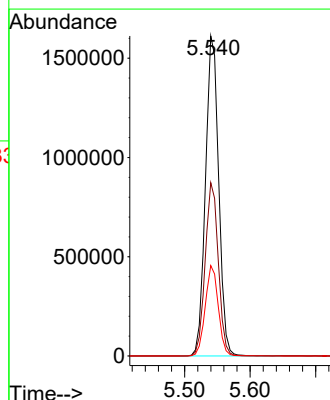
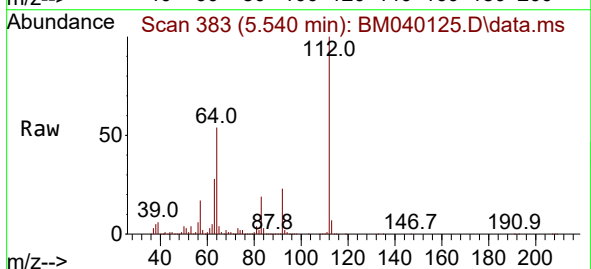
Instrument :  
BNA\_M  
ClientSampleId :  
TP-18-0A

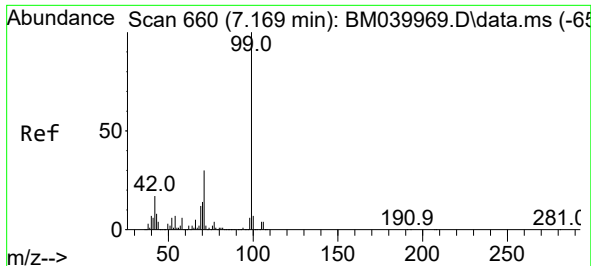
Tgt Ion:152 Resp: 235991  
Ion Ratio Lower Upper  
152 100  
150 159.0 125.5 188.3  
115 60.0 50.2 75.2



#5  
2-Fluorophenol  
Concen: 147.071 ng  
RT: 5.540 min Scan# 383  
Delta R.T. -0.000 min  
Lab File: BM040125.D  
Acq: 07 Jun 2023 05:16

Tgt Ion:112 Resp: 2262634  
Ion Ratio Lower Upper  
112 100  
64 54.2 43.0 64.4  
63 28.2 22.9 34.3



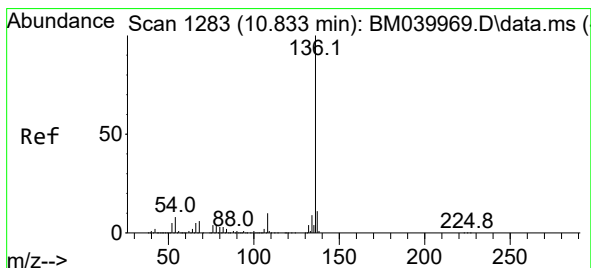
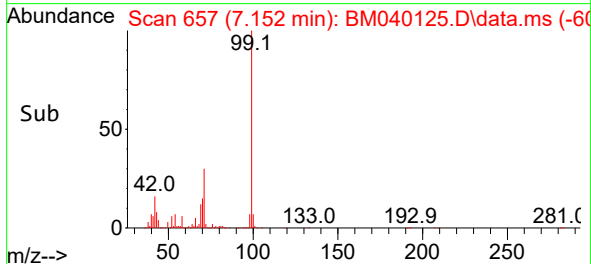
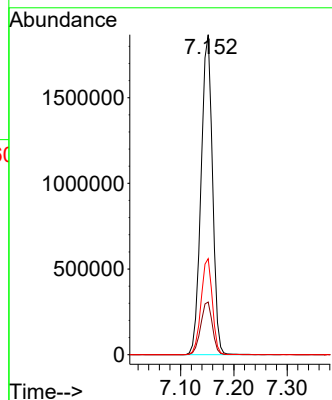
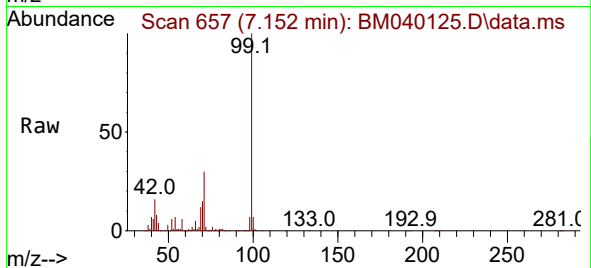


#7  
Phenol-d6  
Concen: 138.521 ng  
RT: 7.152 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM040125.D  
Acq: 07 Jun 2023 05:16

Instrument :  
BNA\_M  
ClientSampleId :  
TP-18-0A

Tgt Ion: 99 Resp: 2779962

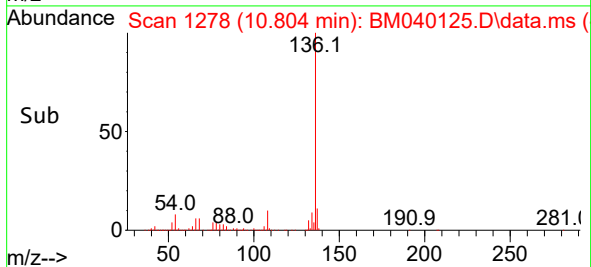
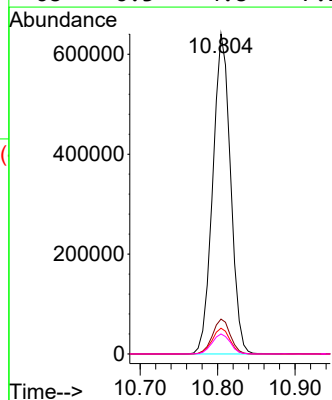
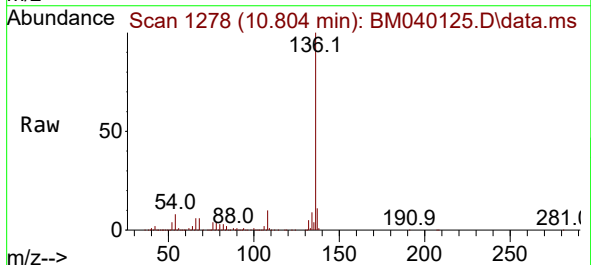
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.4  | 13.8  | 20.6  |
| 71  | 30.0  | 24.4  | 36.6  |

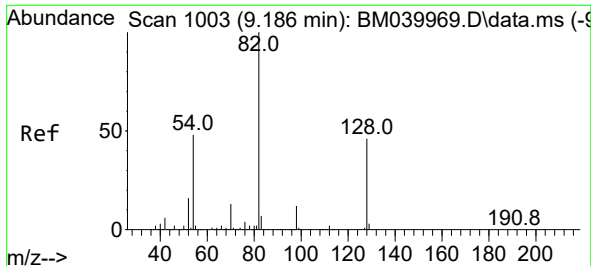


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.804 min Scan# 1278  
Delta R.T. -0.006 min  
Lab File: BM040125.D  
Acq: 07 Jun 2023 05:16

Tgt Ion: 136 Resp: 1021069

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.7   | 13.1  |
| 54  | 8.0   | 6.1   | 9.1   |
| 68  | 6.3   | 4.8   | 7.2   |

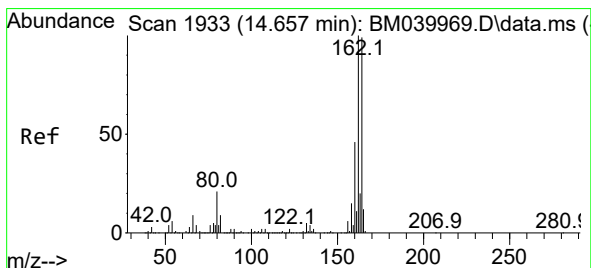
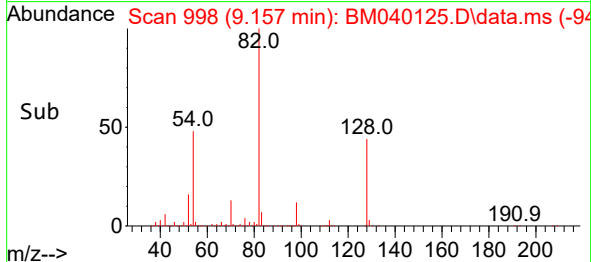
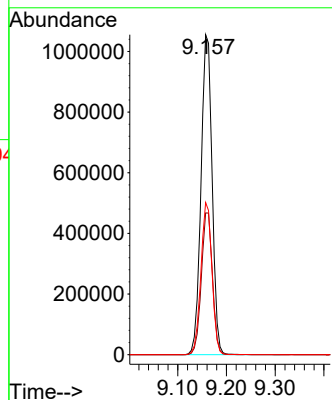
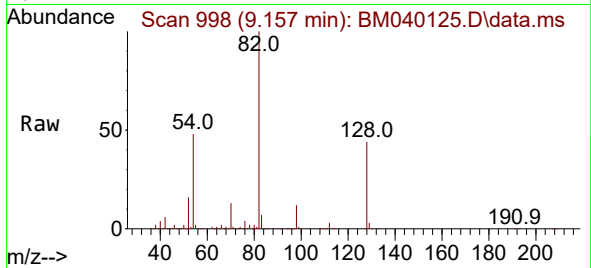




#23  
Nitrobenzene-d5  
Concen: 88.296 ng  
RT: 9.157 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM040125.D  
Acq: 07 Jun 2023 05:16

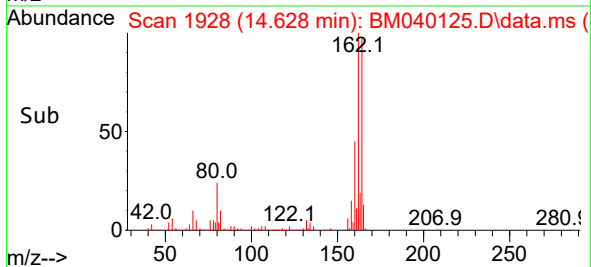
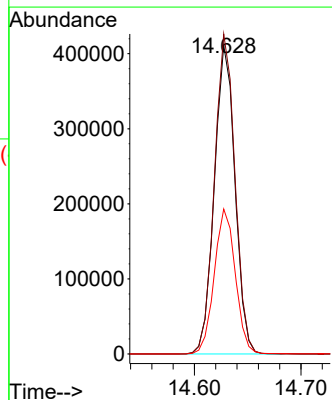
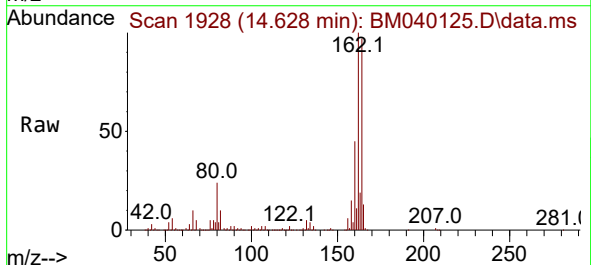
Instrument :  
BNA\_M  
ClientSampleId :  
TP-18-0A

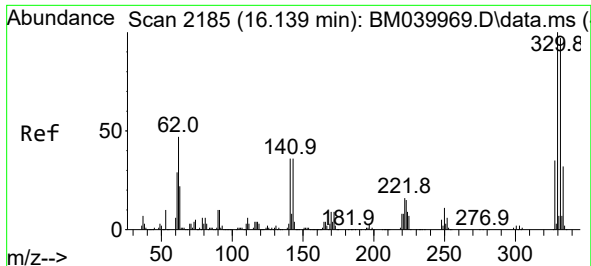
Tgt Ion: 82 Resp: 1670792  
Ion Ratio Lower Upper  
82 100  
128 44.3 36.5 54.7  
54 47.5 38.3 57.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.628 min Scan# 1928  
Delta R.T. -0.006 min  
Lab File: BM040125.D  
Acq: 07 Jun 2023 05:16

Tgt Ion: 164 Resp: 552239  
Ion Ratio Lower Upper  
164 100  
162 103.6 80.6 120.8  
160 47.0 36.7 55.1

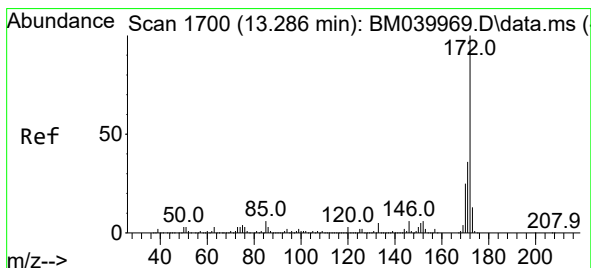
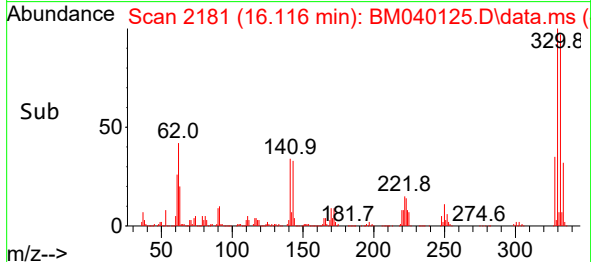
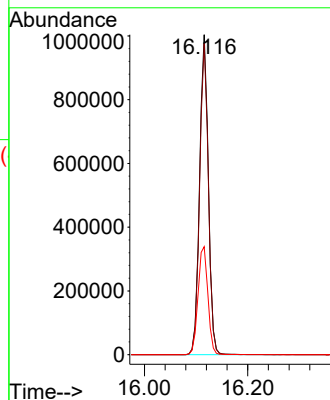
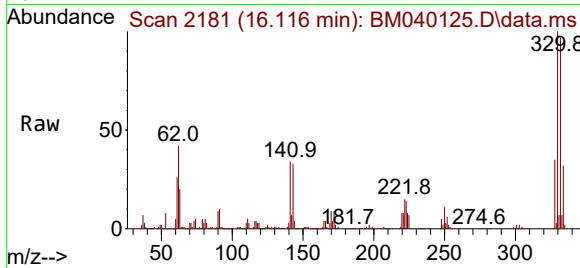




#42  
2,4,6-Tribromophenol  
Concen: 165.188 ng  
RT: 16.116 min Scan# 2185  
Delta R.T. -0.006 min  
Lab File: BM040125.D  
Acq: 07 Jun 2023 05:16

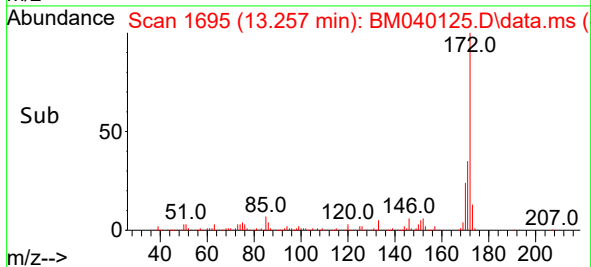
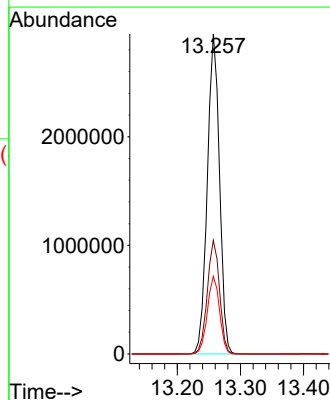
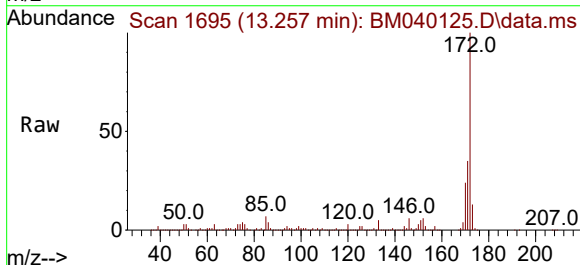
Instrument :  
BNA\_M  
ClientSampleId :  
TP-18-0A

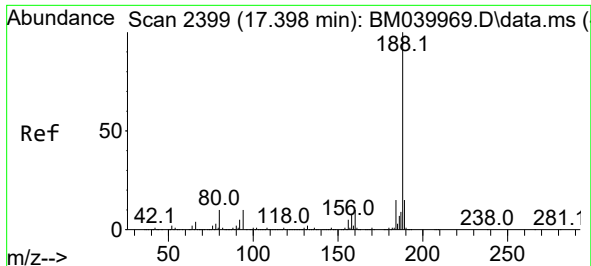
Tgt Ion:330 Resp: 1184004  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.4 116.2  
141 37.8 31.6 47.4



#45  
2-Fluorobiphenyl  
Concen: 84.094 ng  
RT: 13.257 min Scan# 1695  
Delta R.T. -0.006 min  
Lab File: BM040125.D  
Acq: 07 Jun 2023 05:16

Tgt Ion:172 Resp: 3937303  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.8 43.2  
170 24.3 19.6 29.4

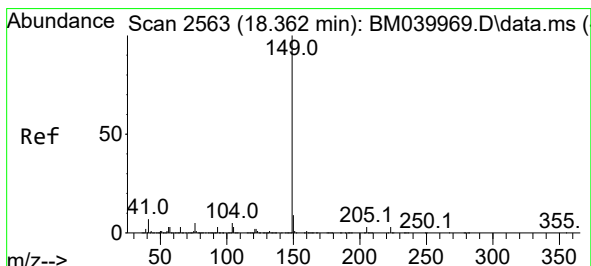
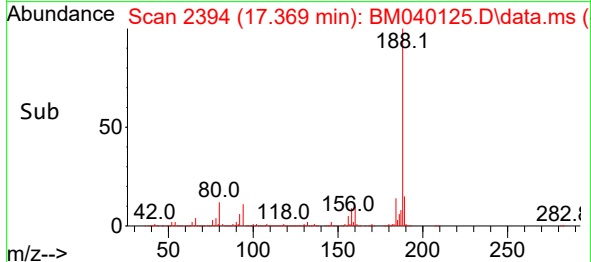
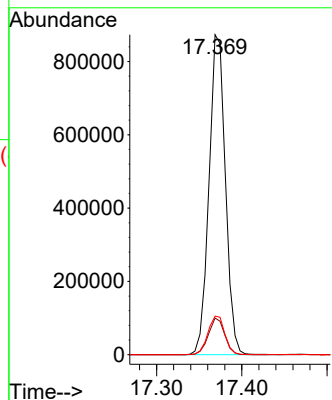
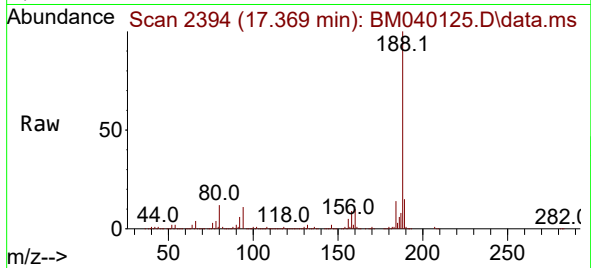




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.369 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM040125.D  
Acq: 07 Jun 2023 05:16

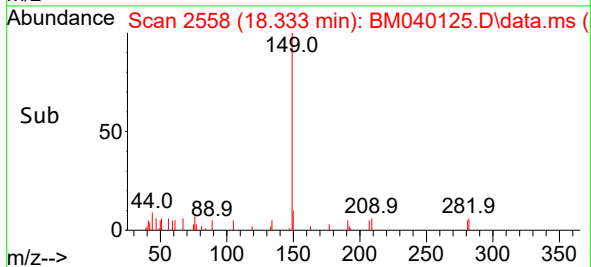
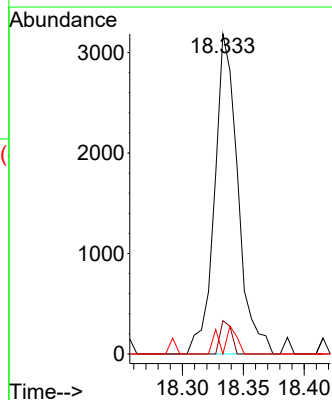
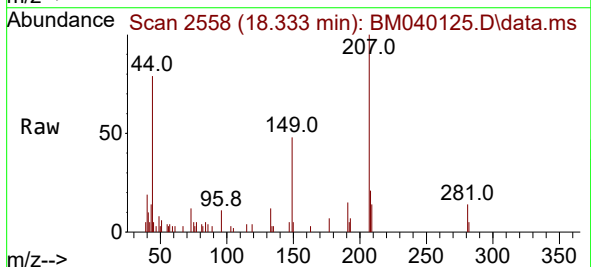
Instrument :  
BNA\_M  
ClientSampleId :  
TP-18-0A

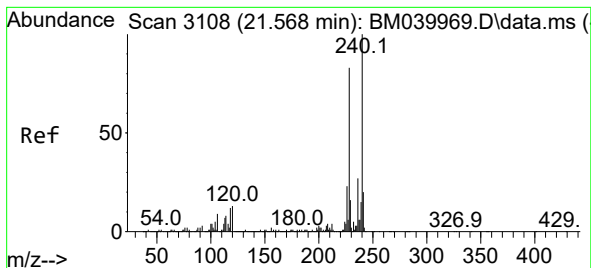
Tgt Ion:188 Resp: 1169494  
Ion Ratio Lower Upper  
188 100  
94 11.5 7.8 11.8  
80 12.0 8.2 12.4



#74  
Di-n-butylphthalate  
Concen: 3.711 ng  
RT: 18.333 min Scan# 2558  
Delta R.T. -0.012 min  
Lab File: BM040125.D  
Acq: 07 Jun 2023 05:16

Tgt Ion:149 Resp: 4252  
Ion Ratio Lower Upper  
149 100  
150 10.4 7.4 11.2  
104 0.0 4.2 6.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3108

Delta R.T. -0.012 min

Lab File: BM040125.D

Acq: 07 Jun 2023 05:16

Instrument :

BNA\_M

ClientSampleId :

TP-18-0A

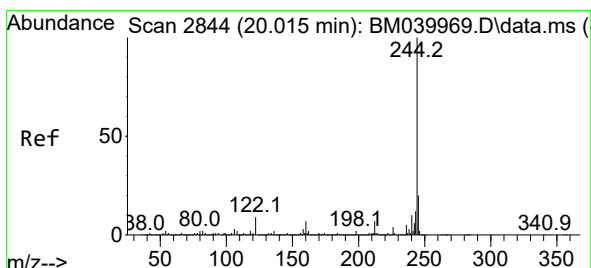
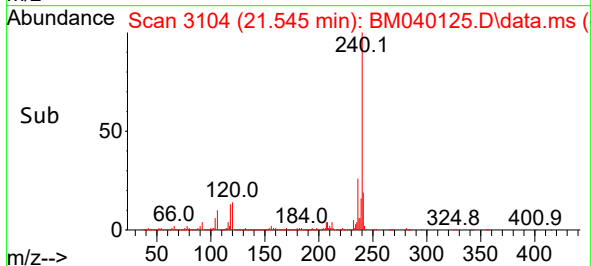
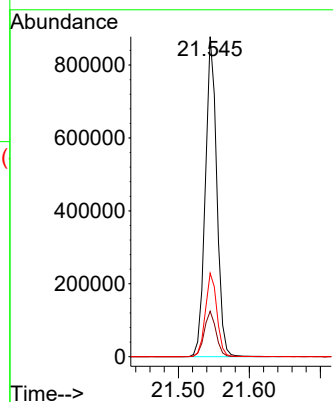
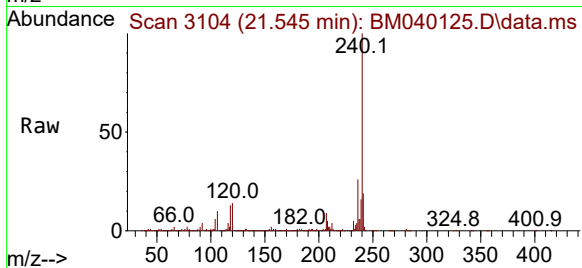
Tgt Ion:240 Resp: 986186

Ion Ratio Lower Upper

240 100

120 14.2 10.1 15.1

236 26.1 21.3 31.9



#79

Terphenyl-d14

Concen: 123.482 ng

RT: 19.992 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BM040125.D

Acq: 07 Jun 2023 05:16

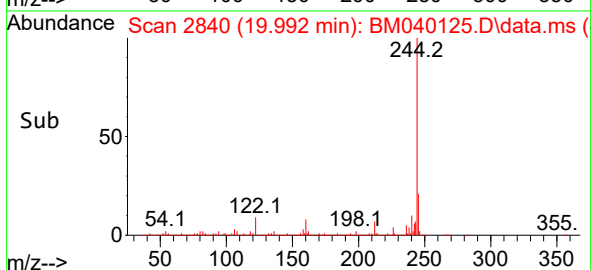
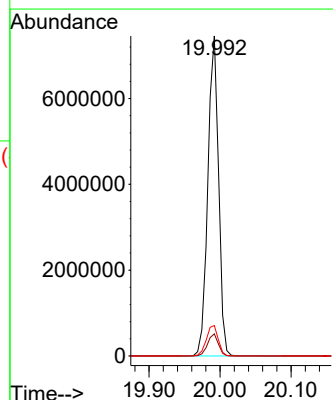
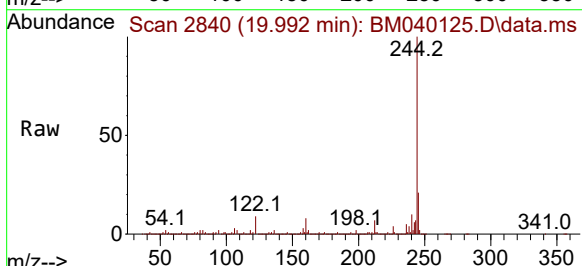
Tgt Ion:244 Resp: 7842900

Ion Ratio Lower Upper

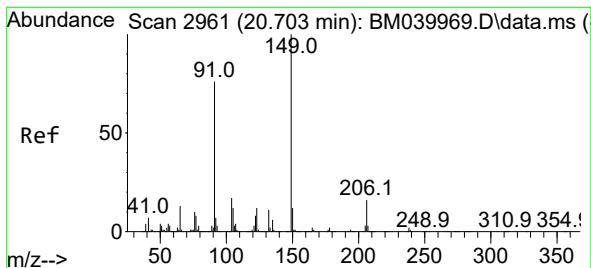
244 100

212 6.9 5.4 8.0

122 9.5 7.1 10.7







#80

Butylbenzylphthalate

Concen: 4.836 ng

RT: 20.680 min Scan# 2961

Delta R.T. -0.006 min

Lab File: BM040125.D

Acq: 07 Jun 2023 05:16

Instrument :

BNA\_M

ClientSampleId :

TP-18-0A

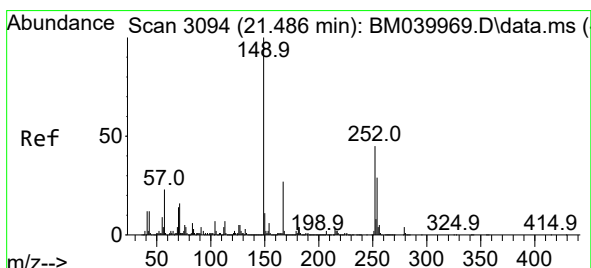
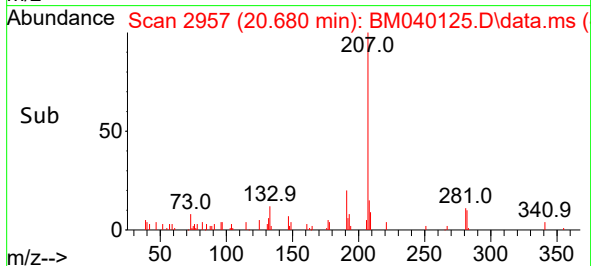
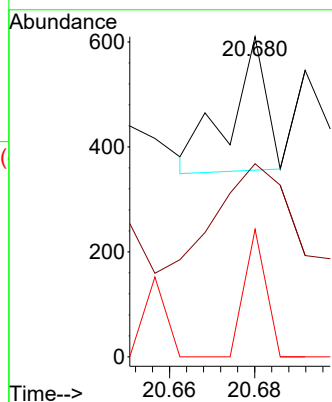
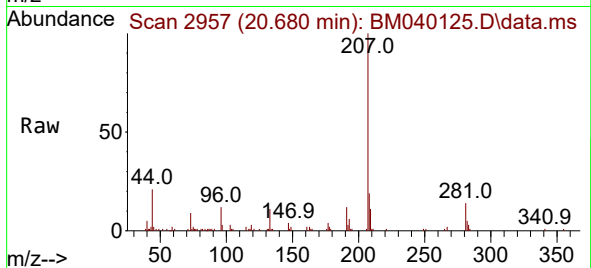
Tgt Ion:149 Resp: 149

Ion Ratio Lower Upper

149 100

91 60.3 61.0 91.4#

206 39.8 12.7 19.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.639 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM040125.D

Acq: 07 Jun 2023 05:16

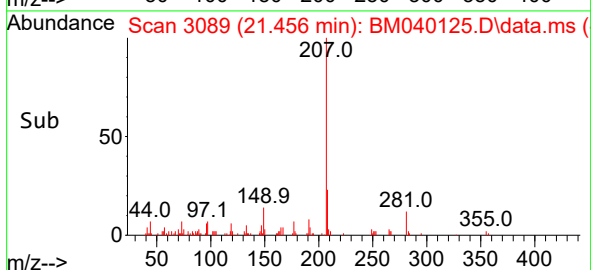
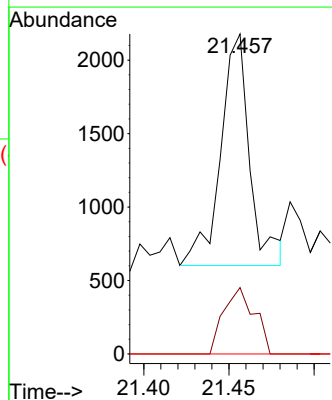
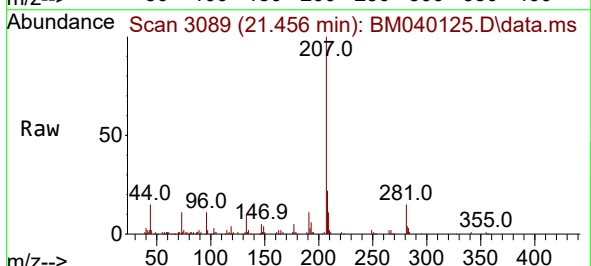
Tgt Ion:149 Resp: 1878

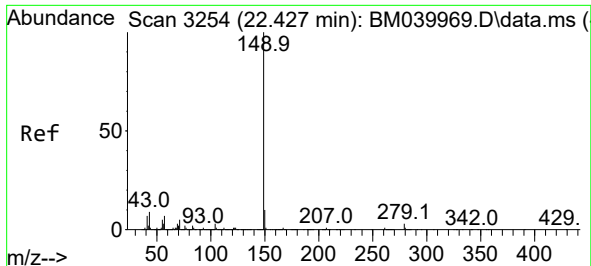
Ion Ratio Lower Upper

149 100

167 20.8 21.4 32.2#

279 0.0 3.3 4.9#

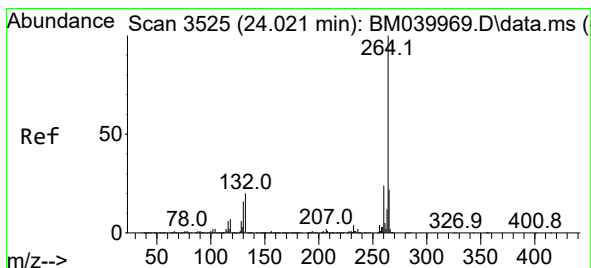
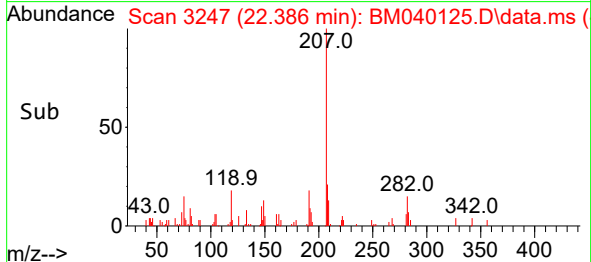
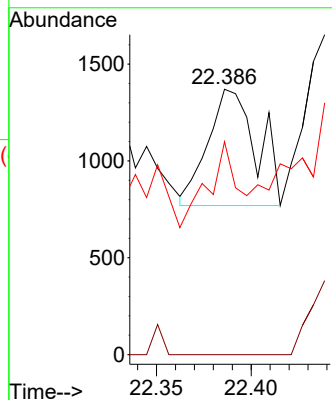
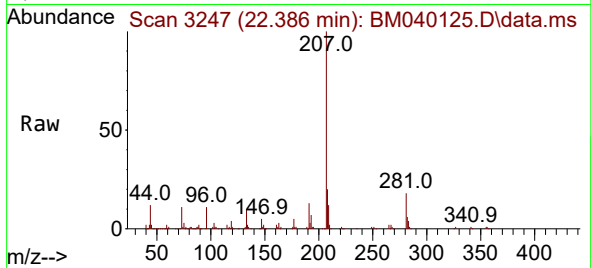




#85  
Di-n-octyl phthalate  
Concen: 6.626 ng  
RT: 22.386 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: BM040125.D  
Acq: 07 Jun 2023 05:16

Instrument :  
BNA\_M  
ClientSampleId :  
TP-18-0A

Tgt Ion:149 Resp: 1070  
Ion Ratio Lower Upper  
149 100  
167 0.0 1.1 1.7#  
43 44.0 7.4 11.0#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.986 min Scan# 3519  
Delta R.T. -0.006 min  
Lab File: BM040125.D  
Acq: 07 Jun 2023 05:16

Tgt Ion:264 Resp: 1028137  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.5 29.3  
265 21.3 17.7 26.5

