

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032422\  
 Data File : BN019136.D  
 Acq On : 24 Mar 2022 21:08  
 Operator : CG/JU  
 Sample : N2075-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE109D2-20220322

Quant Time: Mar 25 04:29:53 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 17 13:18:23 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 03/25/2022  
 Supervised By :Jagrut Upadhyay 03/25/2022

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 4287     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.658 | 136  | 11141    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.485 | 164  | 6749     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.236 | 188  | 13601    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.413 | 240  | 10260    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.785 | 264  | 8032     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.406  | 112  | 909      | 0.095 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.017  | 99   | 444      | 0.044 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 1582m    | 0.197 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.250 | 152  | 4862     | 0.263 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.985 | 330  | 618      | 0.190 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 6973     | 0.258 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.261 | 212  | 16121    | 0.399 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.856 | 244  | 8728     | 0.346 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.247  | 88   | 12783    | 2.413 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 1804     | 0.086 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

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

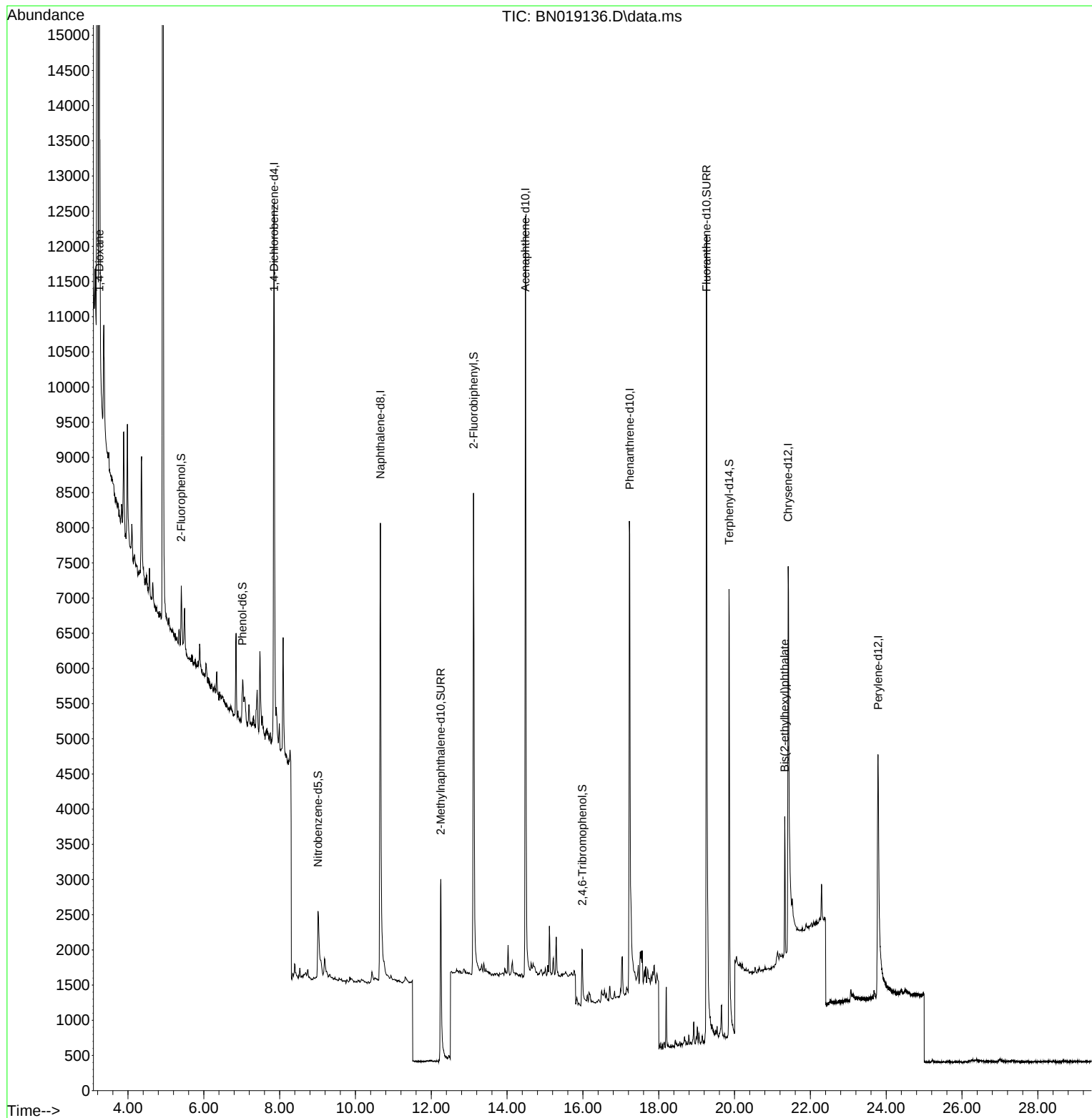
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032422\  
Data File : BN019136.D  
Acq On : 24 Mar 2022 21:08  
Operator : CG/JU  
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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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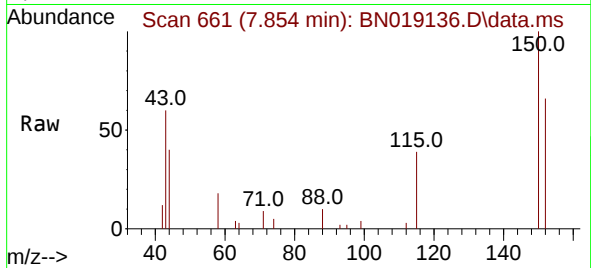
Reviewed By : Christian Giraldo 03/25/2022  
Supervised By : Jagrut Upadhyay 03/25/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.854 min Scan# 661  
Delta R.T. 0.000 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08

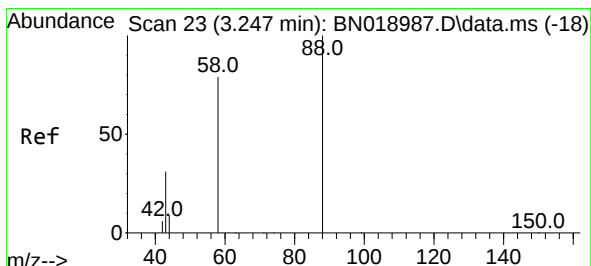
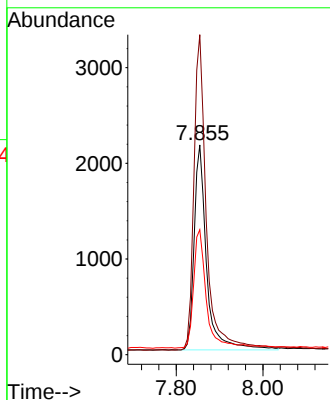
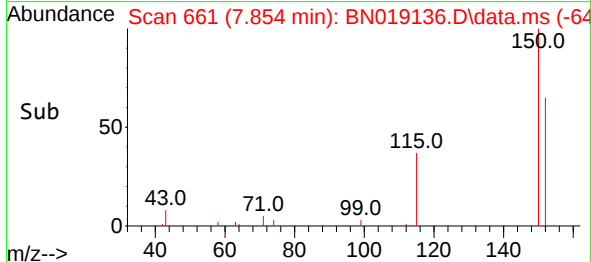
Instrument :  
BNA\_N  
ClientSampleId :  
RE109D2-20220322



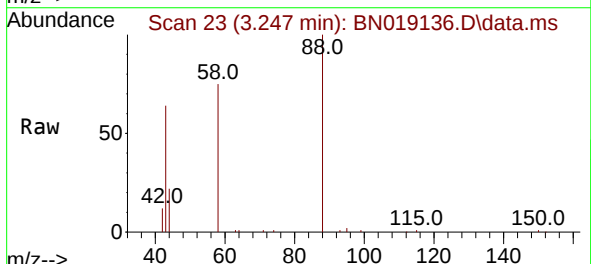
Tgt Ion: 152 Resp: 428  
Ion Ratio Lower Upper  
152 100  
150 152.5 123.9 185.9  
115 59.6 48.2 72.4

Manual Integrations  
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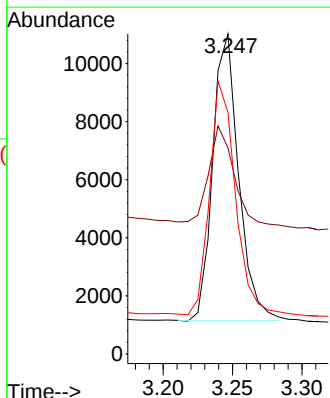
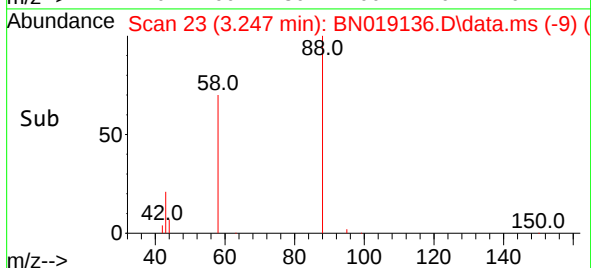
Reviewed By : Christian Giraldo 03/25/2022  
Supervised By : Jagrut Upadhyay 03/25/2022



#2  
1,4-Dioxane  
Concen: 2.413 ng  
RT: 3.247 min Scan# 23  
Delta R.T. 0.000 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08



Tgt Ion: 88 Resp: 12783  
Ion Ratio Lower Upper  
88 100  
43 33.4 24.6 37.0  
58 80.1 65.4 98.2





#4

2-Fluorophenol

Concen: 0.095 ng

RT: 5.406 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN019136.D

Acq: 24 Mar 2022 21:08

Instrument :

BNA\_N

ClientSampleId :

RE109D2-20220322

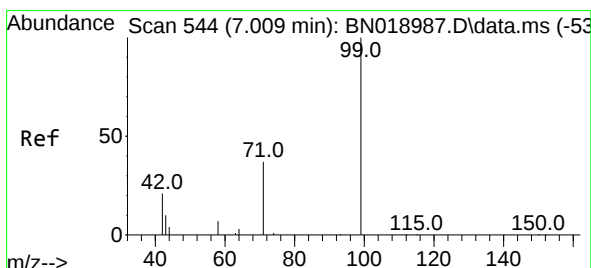
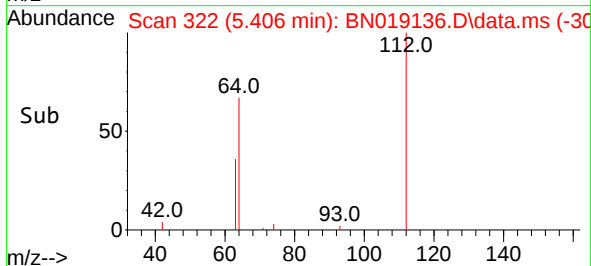
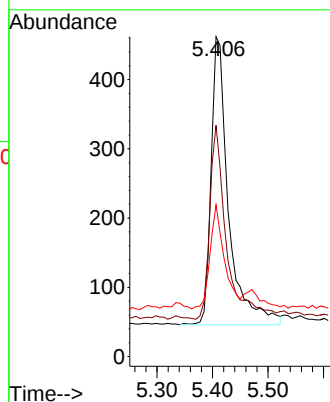
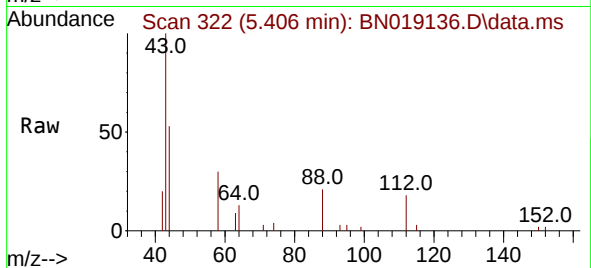
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 112   | Resp: | 909  |
| Ion Ratio | Lower | Upper |      |
| 112       | 100   |       |      |
| 64        | 64.6  | 47.8  | 71.8 |
| 63        | 29.8  | 25.7  | 38.5 |

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#5

Phenol-d6

Concen: 0.044 ng

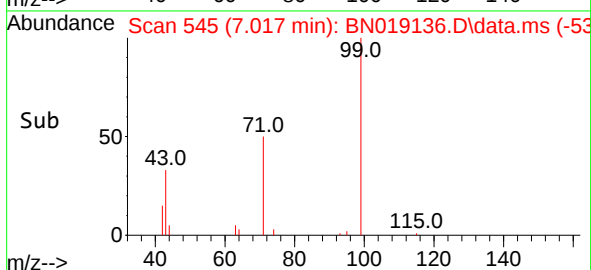
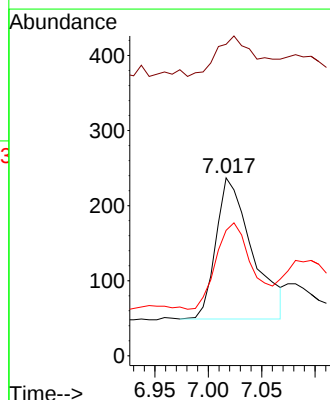
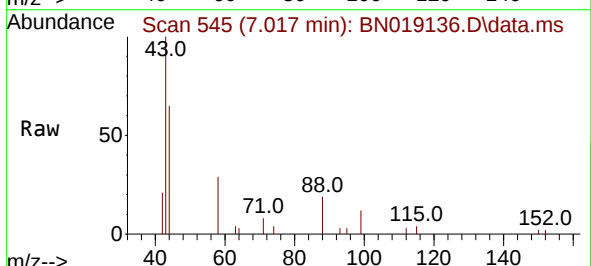
RT: 7.017 min Scan# 545

Delta R.T. 0.007 min

Lab File: BN019136.D

Acq: 24 Mar 2022 21:08

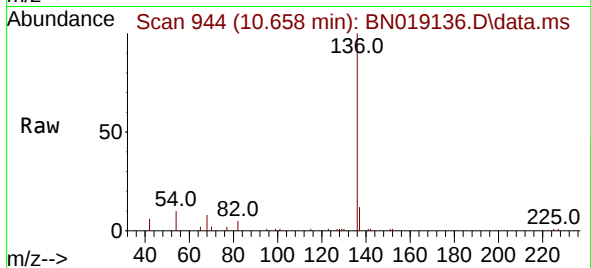
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 99    | Resp: | 444   |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 30.9  | 16.2  | 24.4# |
| 71        | 61.0  | 27.7  | 41.5# |





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.658 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08

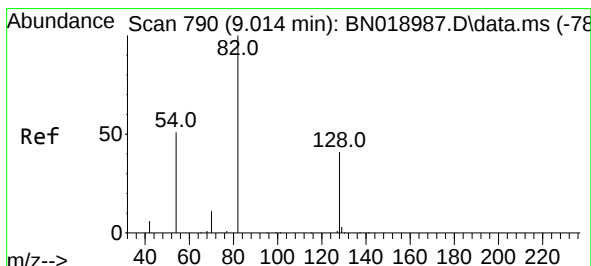
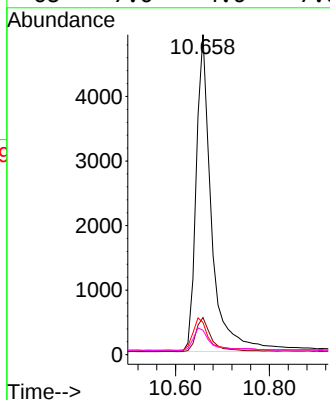
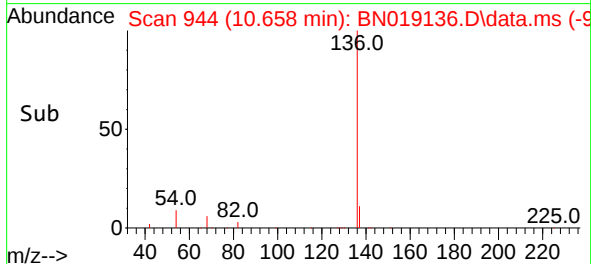
Instrument :  
BNA\_N  
ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.6  | 9.0   | 13.4  |
| 54      | 10.0  | 5.8   | 8.6   |
| 68      | 7.6   | 4.6   | 7.0   |

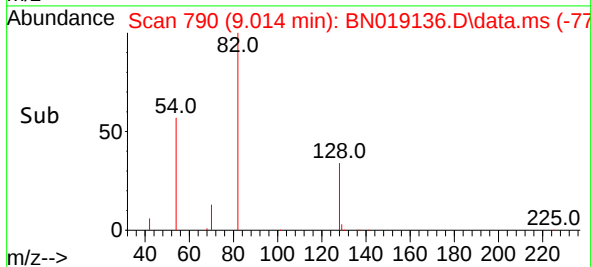
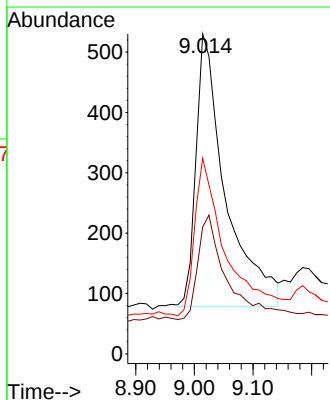
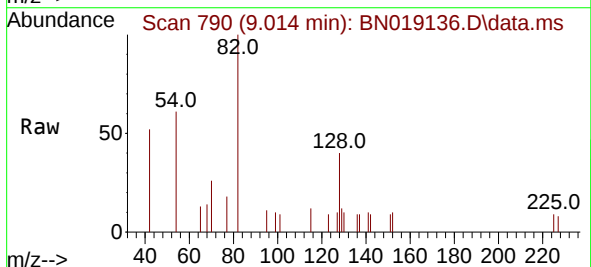
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#8  
Nitrobenzene-d5  
Concen: 0.197 ng m  
RT: 9.014 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08

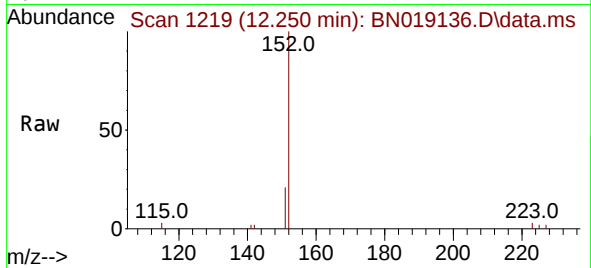
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.6  | 33.0  | 49.6  |
| 54      | 61.1  | 42.5  | 63.7  |





#11  
2-Methylnaphthalene-d10  
Concen: 0.263 ng  
RT: 12.250 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08

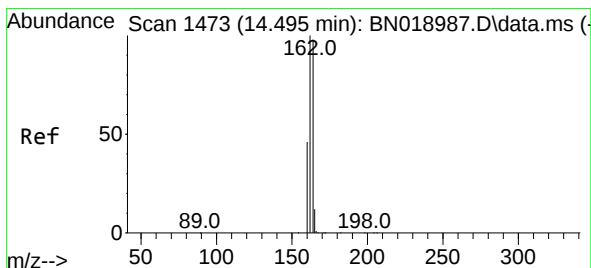
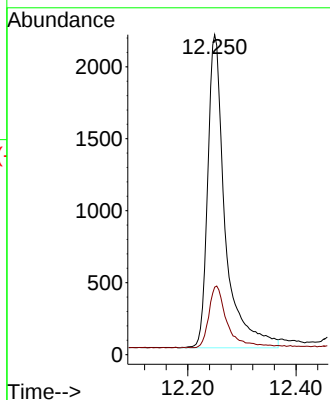
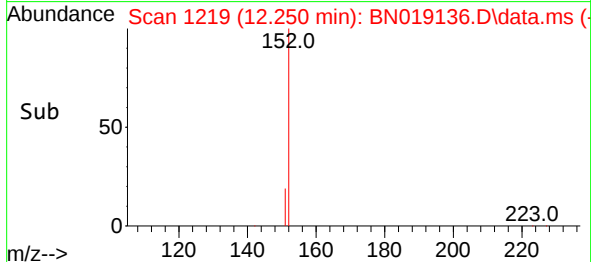
Instrument :  
BNA\_N  
ClientSampleId :  
RE109D2-20220322



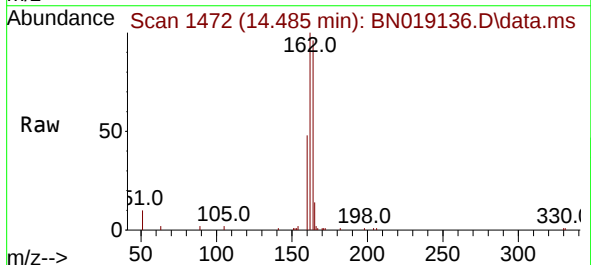
Tgt Ion:152 Resp: 4862  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.5 24.7

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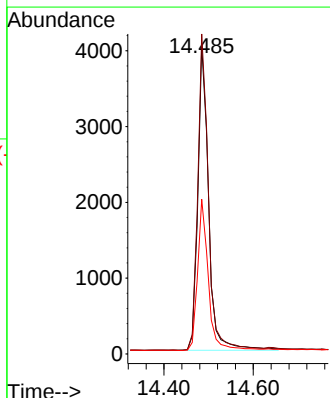
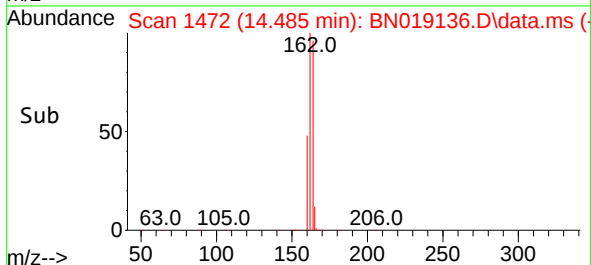
Reviewed By :Christian Giraldo 03/25/2022  
Supervised By :Jagrut Upadhyay 03/25/2022

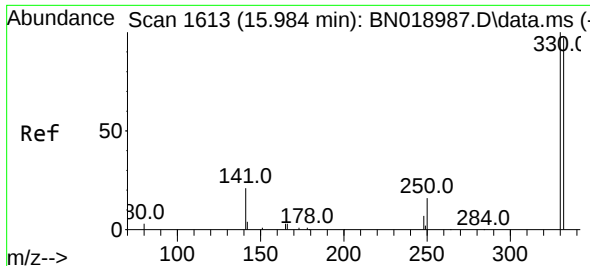


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.485 min Scan# 1472  
Delta R.T. -0.011 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08



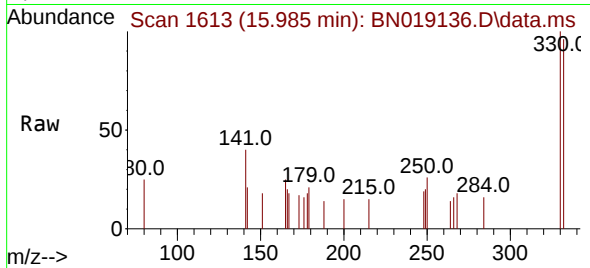
Tgt Ion:164 Resp: 6749  
Ion Ratio Lower Upper  
164 100  
162 103.8 85.2 127.8  
160 50.2 41.5 62.3





#14  
2,4,6-Tribromophenol  
Concen: 0.190 ng  
RT: 15.985 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08

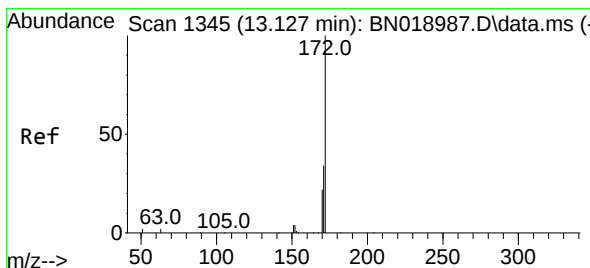
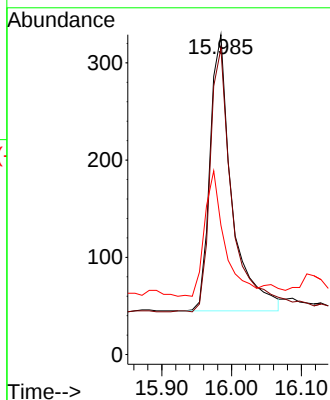
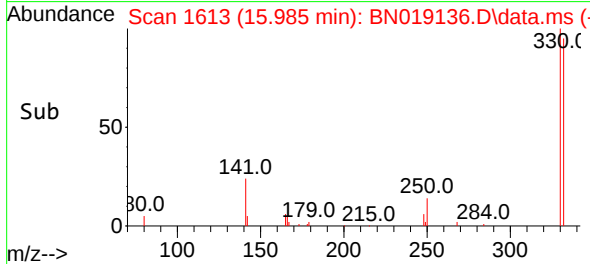
Instrument :  
BNA\_N  
ClientSampleId :  
RE109D2-20220322



Tgt Ion:330 Resp: 618  
Ion Ratio Lower Upper  
330 100  
332 98.4 76.8 115.2  
141 41.6 32.2 48.2

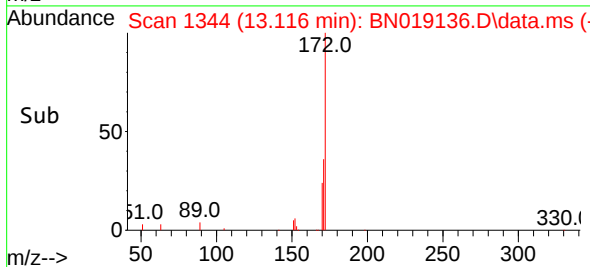
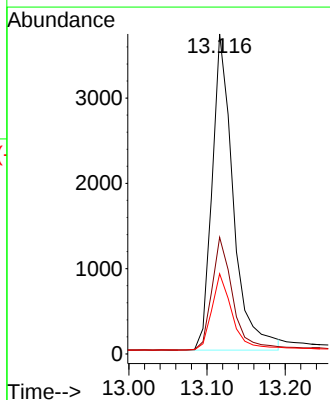
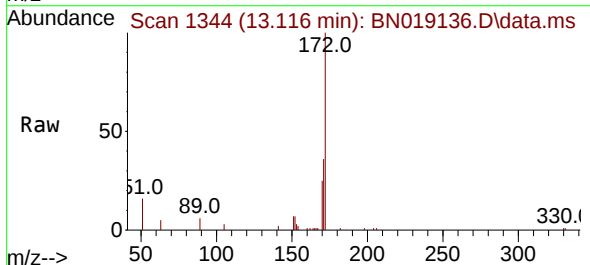
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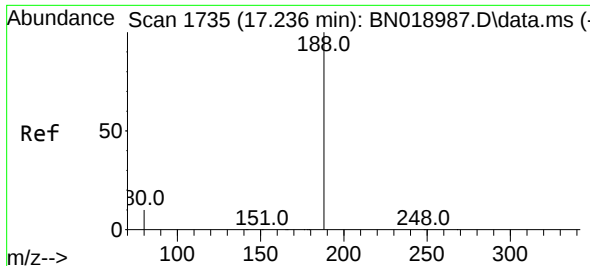
Reviewed By :Christian Giraldo 03/25/2022  
Supervised By :Jagrut Upadhyay 03/25/2022



#15  
2-Fluorobiphenyl  
Concen: 0.258 ng  
RT: 13.116 min Scan# 1344  
Delta R.T. -0.011 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08

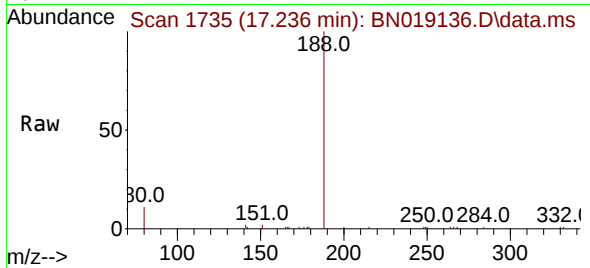
Tgt Ion:172 Resp: 6973  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.2 42.2  
170 25.0 18.7 28.1





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.236 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08

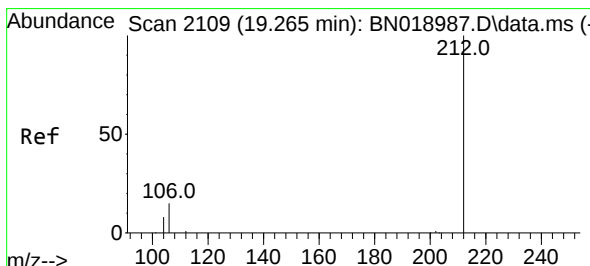
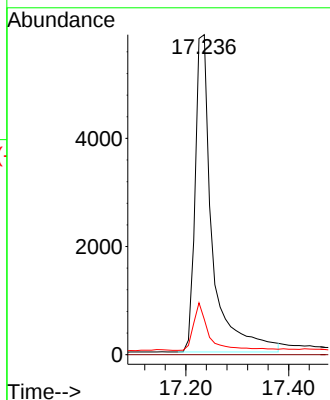
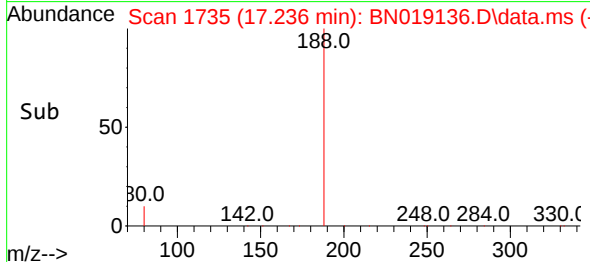
Instrument :  
BNA\_N  
ClientSampleId :  
RE109D2-20220322



Tgt Ion:188 Resp: 1360  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.1 11.8 17.8

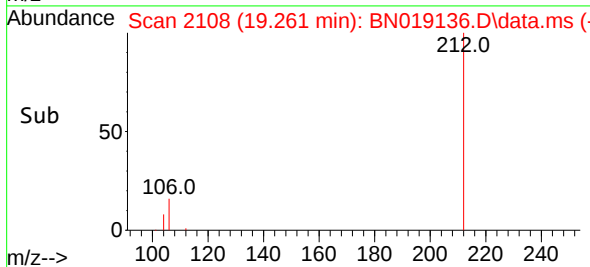
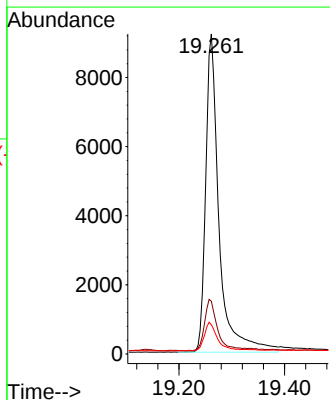
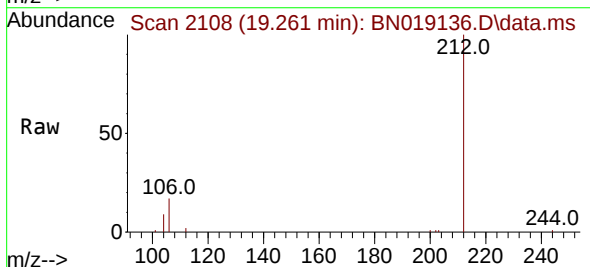
Manual Integrations  
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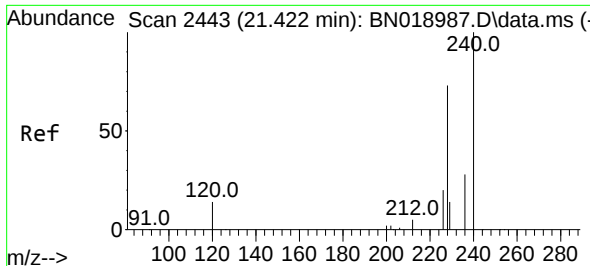
Reviewed By :Christian Giraldo 03/25/2022  
Supervised By :Jagrut Upadhyay 03/25/2022



#27  
Fluoranthene-d10  
Concen: 0.399 ng  
RT: 19.261 min Scan# 2108  
Delta R.T. -0.004 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08

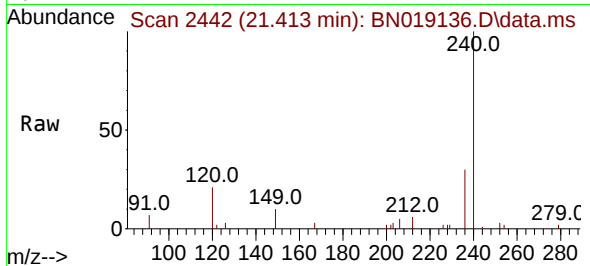
Tgt Ion:212 Resp: 16121  
Ion Ratio Lower Upper  
212 100  
106 15.5 12.7 19.1  
104 9.3 7.1 10.7





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.413 min Scan# 2443  
Delta R.T. -0.009 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08

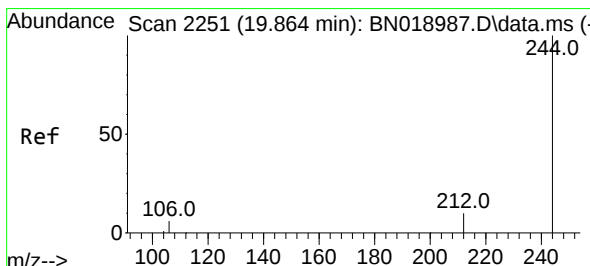
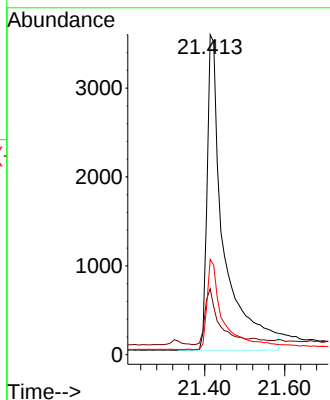
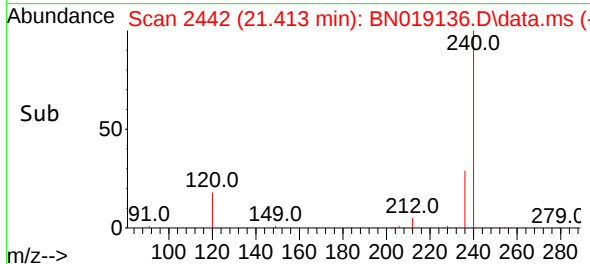
Instrument :  
BNA\_N  
ClientSampleId :  
RE109D2-20220322



Tgt Ion:240 Resp: 10260  
Ion Ratio Lower Upper  
240 100  
120 20.6 8.5 12.7  
236 29.7 22.4 33.6

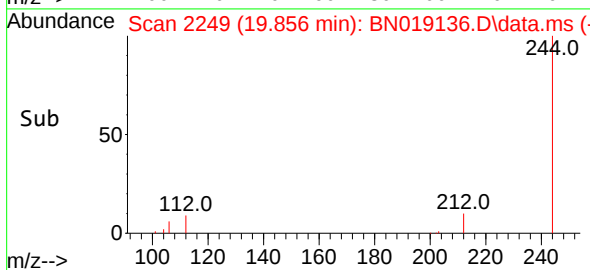
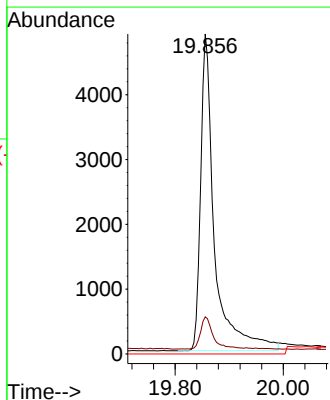
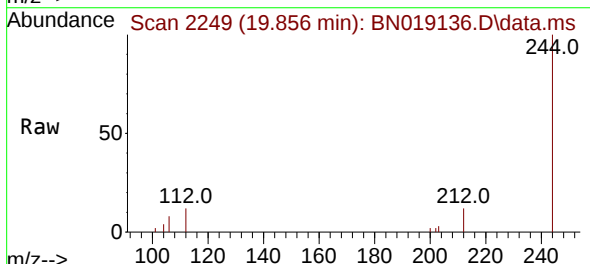
Manual Integrations  
APPROVED

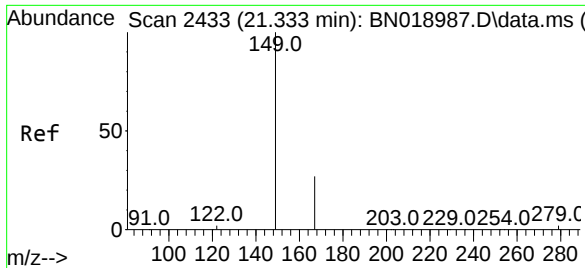
Reviewed By :Christian Giraldo 03/25/2022  
Supervised By :Jagrut Upadhyay 03/25/2022



#31  
Terphenyl-d14  
Concen: 0.346 ng  
RT: 19.856 min Scan# 2249  
Delta R.T. -0.008 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08

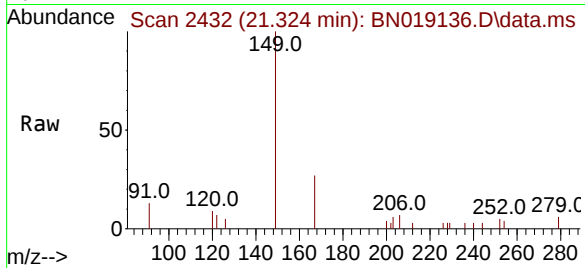
Tgt Ion:244 Resp: 8728  
Ion Ratio Lower Upper  
244 100  
212 11.6 8.2 12.4  
122 0.0 0.0 0.0





#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.086 ng  
RT: 21.324 min Scan# 2432  
Delta R.T. -0.009 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08

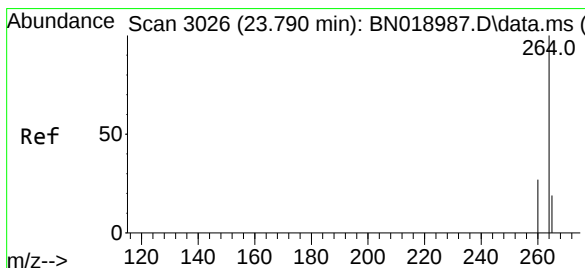
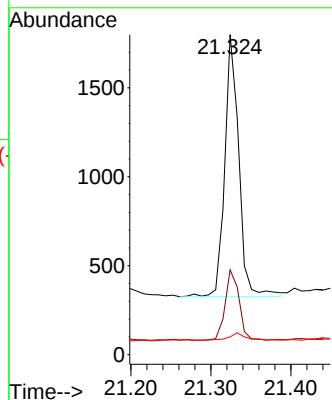
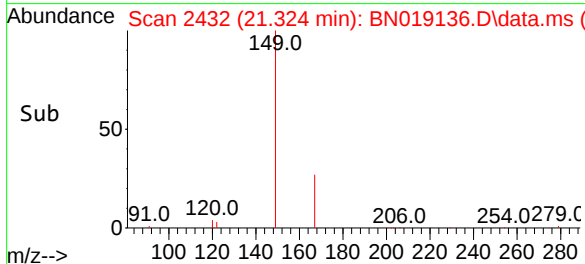
Instrument :  
BNA\_N  
ClientSampleId :  
RE109D2-20220322



Tgt Ion:149 Resp: 1804  
Ion Ratio Lower Upper  
149 100  
167 26.6 21.8 32.8  
279 3.4 2.0 3.0

Manual Integrations  
APPROVED

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#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.785 min Scan# 3024  
Delta R.T. -0.006 min  
Lab File: BN019136.D  
Acq: 24 Mar 2022 21:08

Tgt Ion:264 Resp: 8032  
Ion Ratio Lower Upper  
264 100  
260 28.3 22.4 33.6  
265 44.3 25.3 37.9

