

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051923\  
 Data File : BN025526.D  
 Acq On : 20 May 2023 15:55  
 Operator : CG/JU  
 Sample : 02862-11  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-RW11-GW-278-280

Quant Time: May 22 02:00:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 22 01:54:38 2023  
 Response via : Initial Calibration

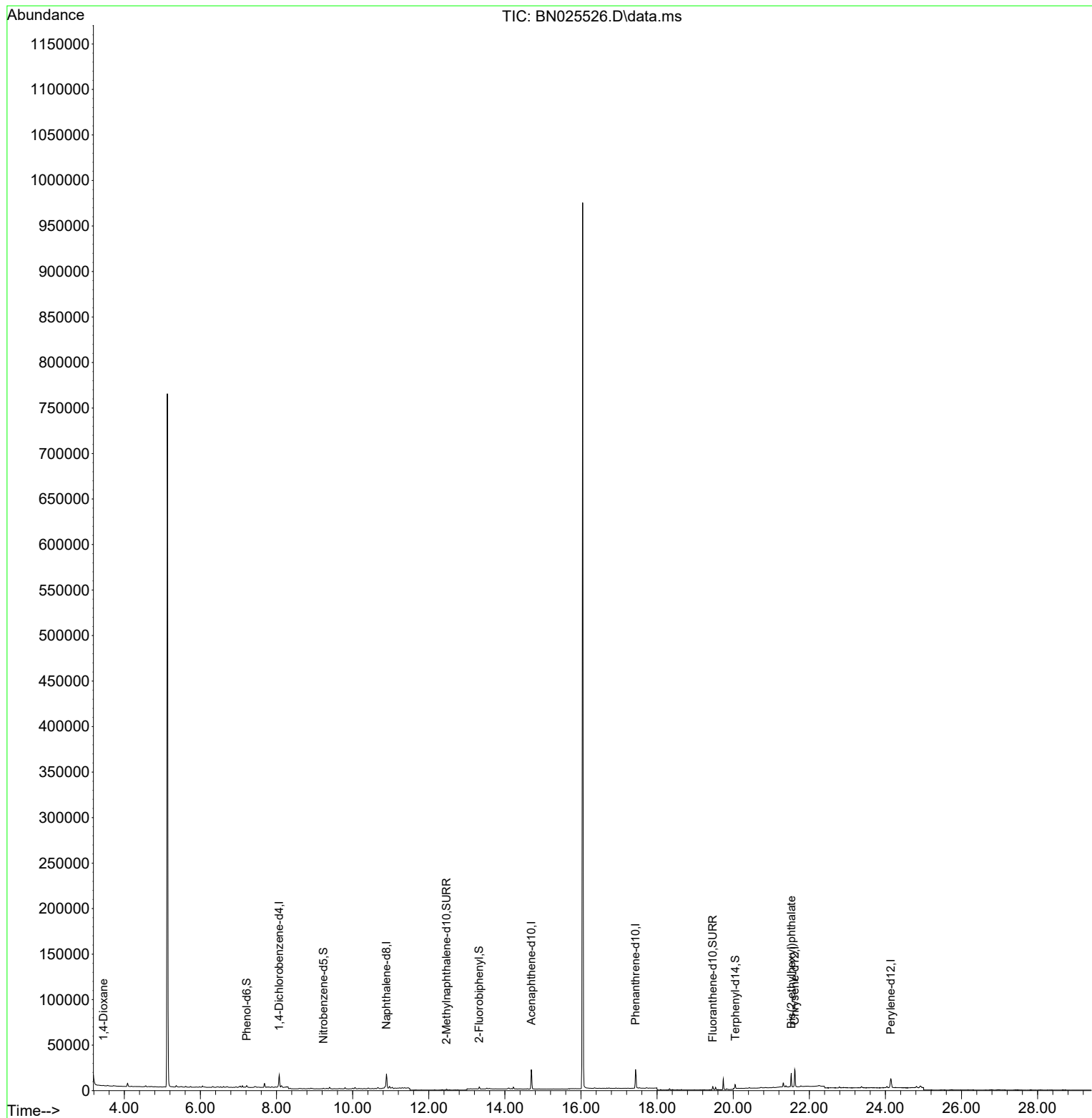
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.070  | 152  | 6638     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.889 | 136  | 20445    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.694 | 164  | 12448    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.435 | 188  | 27547    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.616 | 240  | 18874    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.141 | 264  | 15897    | 0.400 | ng    | # 0.02   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.607  | 112  | 202      | 0.013 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.218  | 99   | 410      | 0.021 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.234  | 82   | 595      | 0.036 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.468 | 152  | 1251     | 0.044 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.181 | 330  | 74       | 0.015 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.326 | 172  | 1872     | 0.039 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.465 | 212  | 4143     | 0.065 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.058 | 244  | 2380     | 0.071 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.455  | 88   | 223      | 0.033 | ng    | # 81     |
| 34) Bis(2-ethylhexyl)phtha... | 21.527 | 149  | 14264    | 0.355 | ng    | 98       |

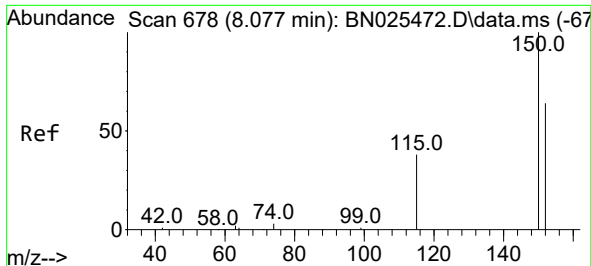
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051923\  
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ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-278-280

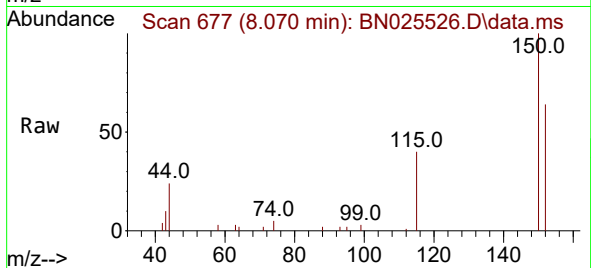
Quant Time: May 22 02:00:11 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 22 01:54:38 2023  
Response via : Initial Calibration



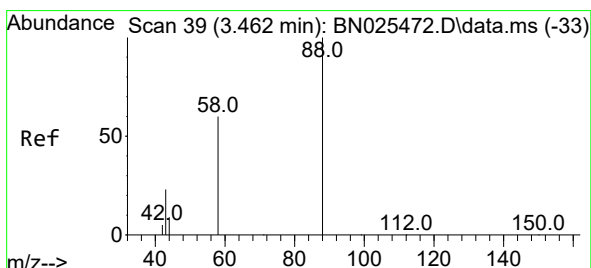
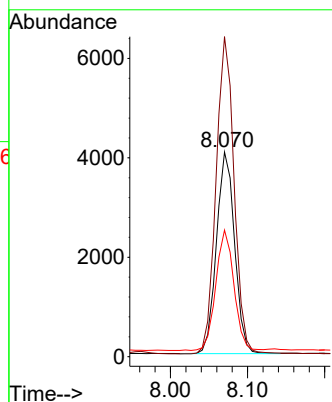
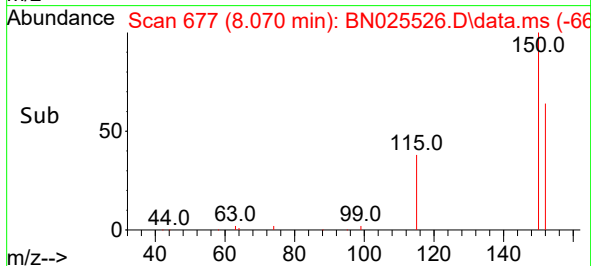


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.070 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN025526.D  
 Acq: 20 May 2023 15:55

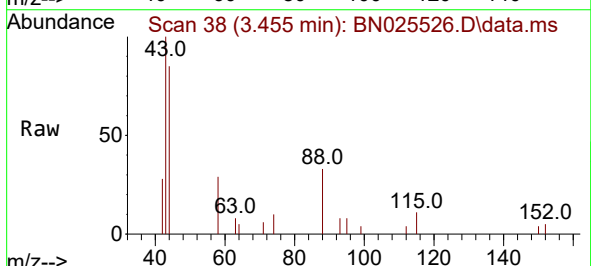
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-RW11-GW-278-280



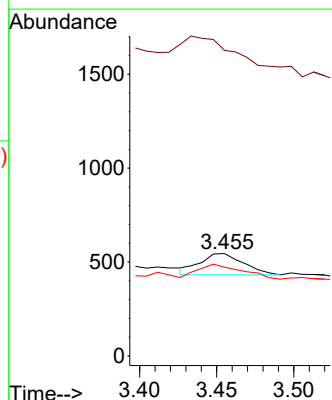
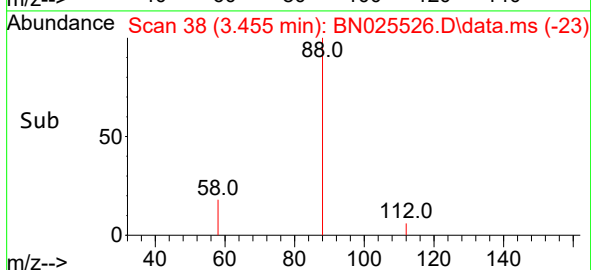
Tgt Ion:152 Resp: 6638  
 Ion Ratio Lower Upper  
 152 100  
 150 156.4 125.3 187.9  
 115 61.8 50.2 75.2

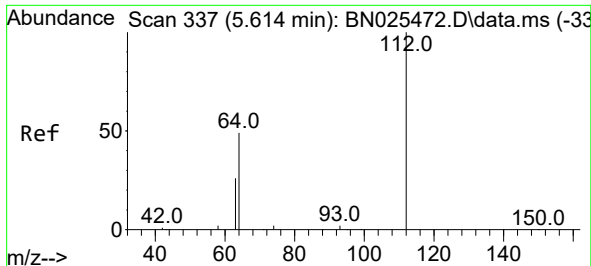


#2  
 1,4-Dioxane  
 Concen: 0.033 ng  
 RT: 3.455 min Scan# 38  
 Delta R.T. 0.007 min  
 Lab File: BN025526.D  
 Acq: 20 May 2023 15:55



Tgt Ion: 88 Resp: 223  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 23.8 35.6#  
 58 71.7 55.1 82.7

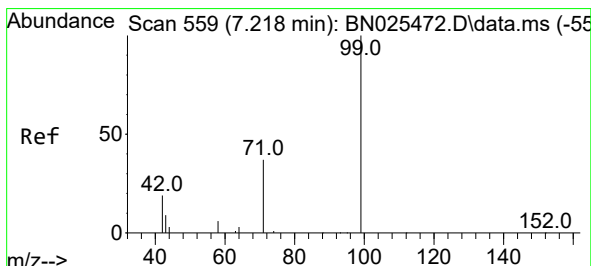
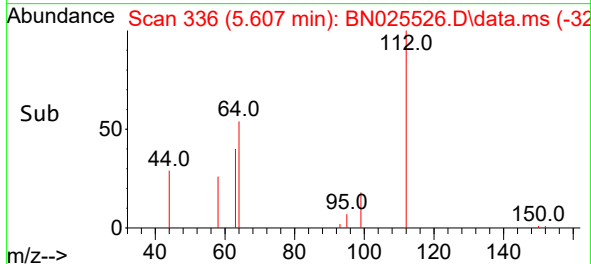
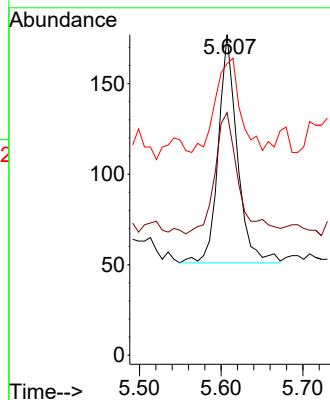
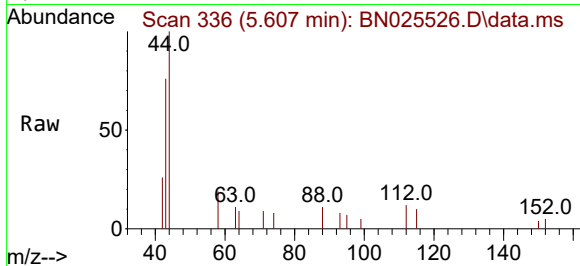




#4  
2-Fluorophenol  
Concen: 0.013 ng  
RT: 5.607 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: BN025526.D  
Acq: 20 May 2023 15:55

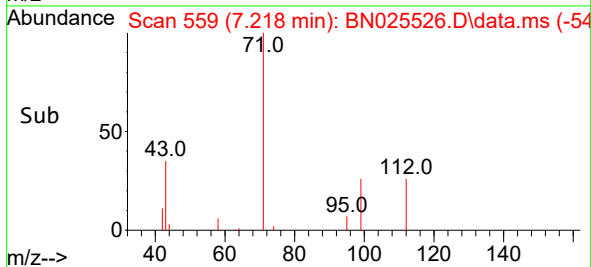
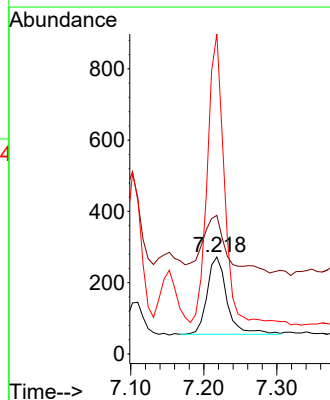
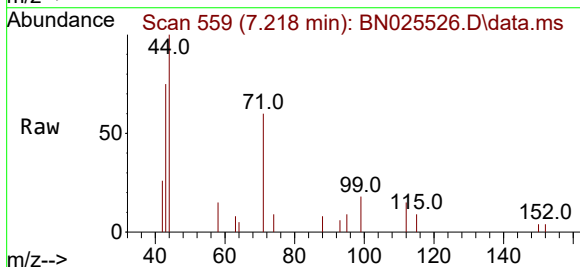
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-278-280

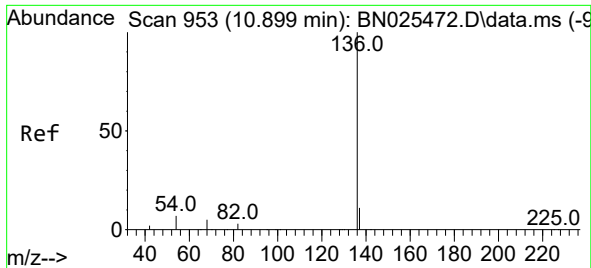
Tgt Ion:112 Resp: 202  
Ion Ratio Lower Upper  
112 100  
64 68.3 44.0 66.0#  
63 58.9 24.0 36.0#



#5  
Phenol-d6  
Concen: 0.021 ng  
RT: 7.218 min Scan# 559  
Delta R.T. 0.000 min  
Lab File: BN025526.D  
Acq: 20 May 2023 15:55

Tgt Ion: 99 Resp: 410  
Ion Ratio Lower Upper  
99 100  
42 91.2 15.8 23.8#  
71 324.1 28.6 43.0#

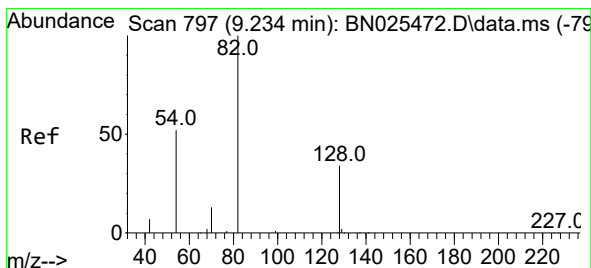
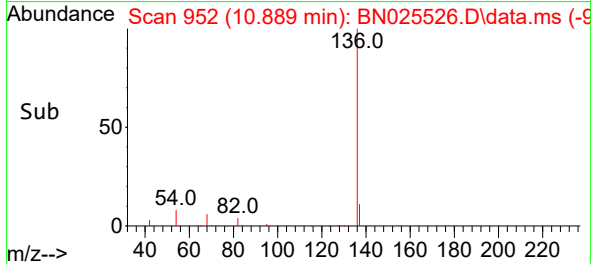
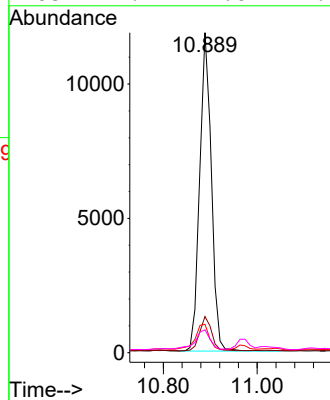
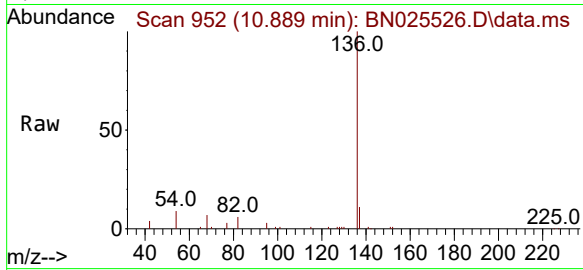




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.889 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN025526.D  
Acq: 20 May 2023 15:55

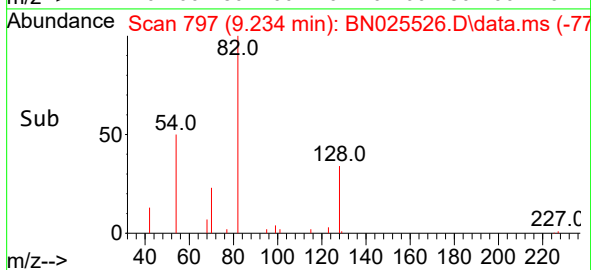
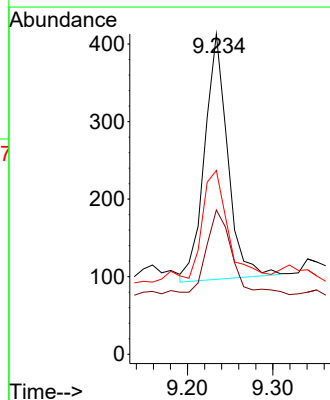
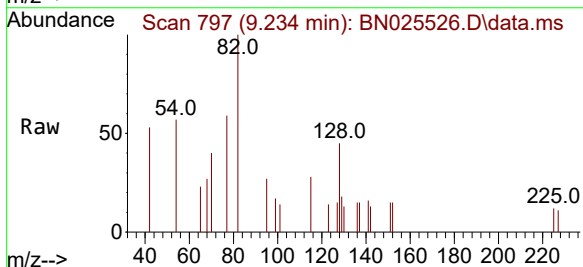
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-278-280

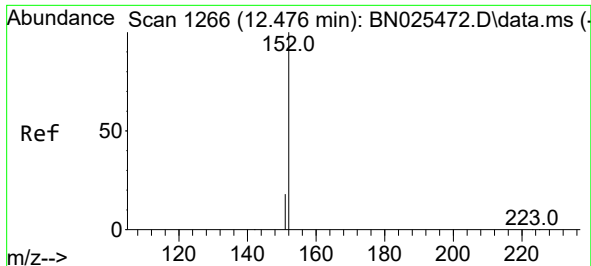
Tgt Ion:136 Resp: 20445  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.1 13.7  
54 8.8 5.8 8.6#  
68 7.2 4.6 7.0#



#8  
Nitrobenzene-d5  
Concen: 0.036 ng  
RT: 9.234 min Scan# 797  
Delta R.T. 0.000 min  
Lab File: BN025526.D  
Acq: 20 May 2023 15:55

Tgt Ion: 82 Resp: 595  
Ion Ratio Lower Upper  
82 100  
128 45.0 27.9 41.9#  
54 57.4 42.4 63.6

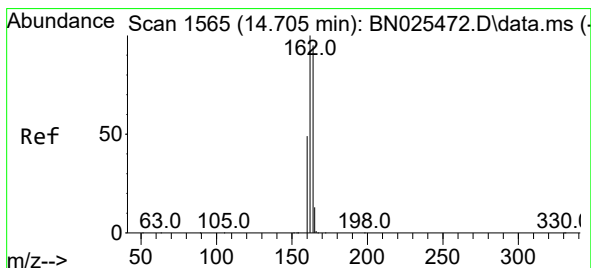
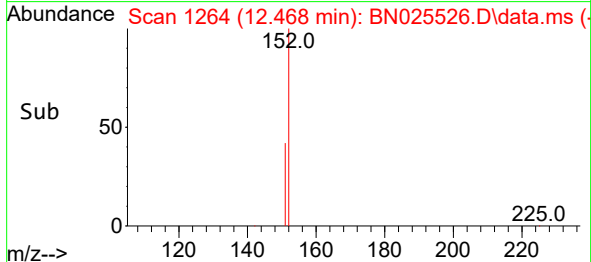
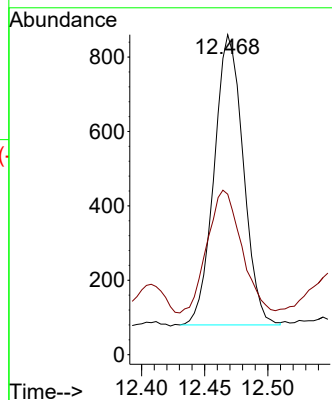
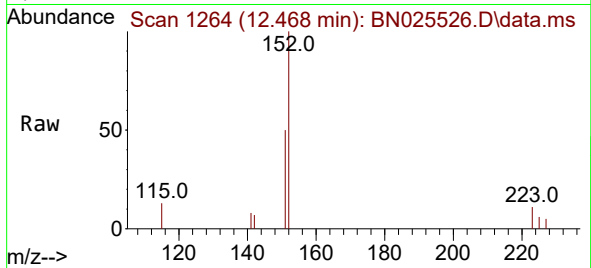




#11  
2-Methylnaphthalene-d10  
Concen: 0.044 ng  
RT: 12.468 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN025526.D  
Acq: 20 May 2023 15:55

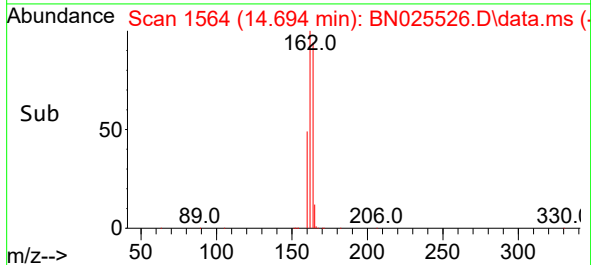
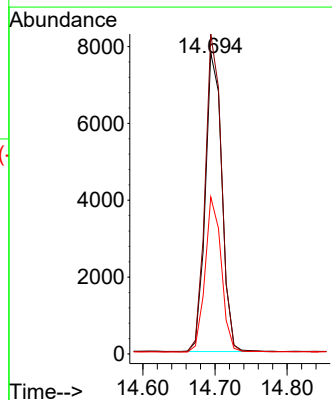
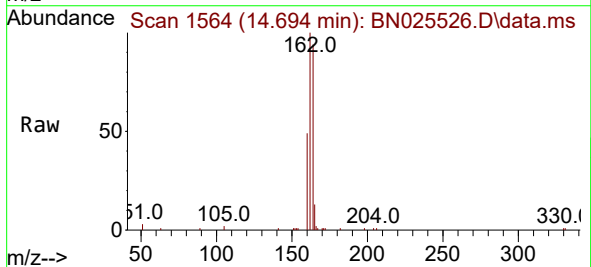
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-278-280

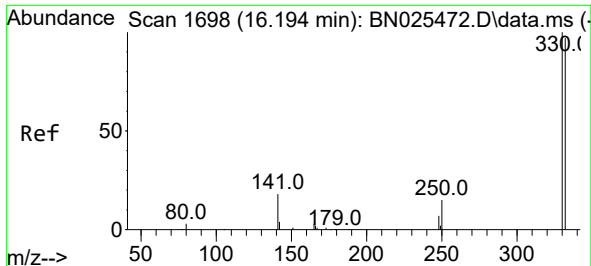
Tgt Ion:152 Resp: 1251  
Ion Ratio Lower Upper  
152 100  
151 49.7 16.6 24.8#



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.694 min Scan# 1564  
Delta R.T. -0.011 min  
Lab File: BN025526.D  
Acq: 20 May 2023 15:55

Tgt Ion:164 Resp: 12448  
Ion Ratio Lower Upper  
164 100  
162 106.3 84.2 126.2  
160 52.1 41.4 62.2

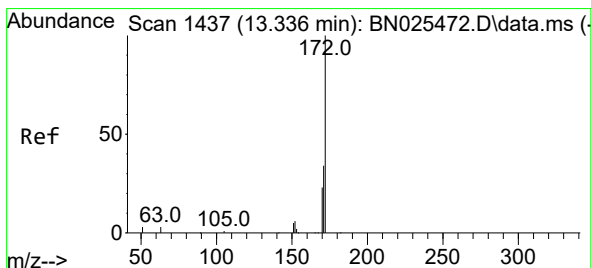
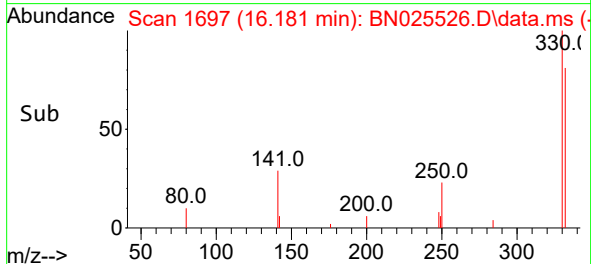
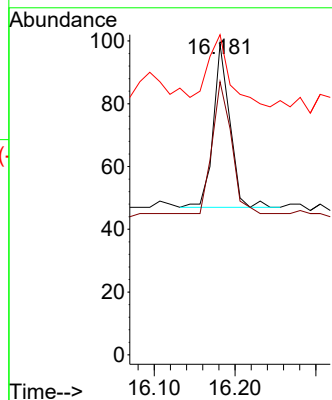
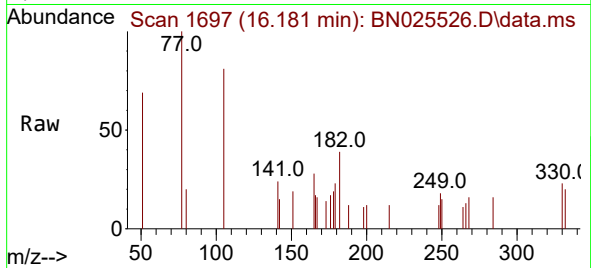




#14  
2,4,6-Tribromophenol  
Concen: 0.015 ng  
RT: 16.181 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: BN025526.D  
Acq: 20 May 2023 15:55

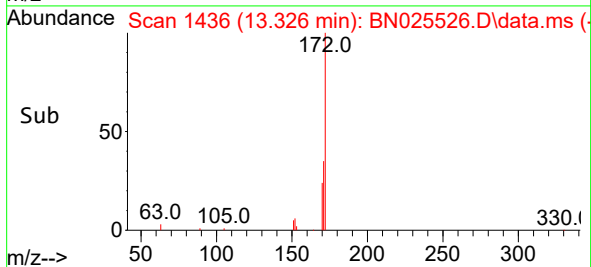
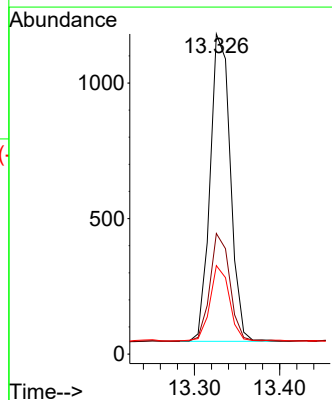
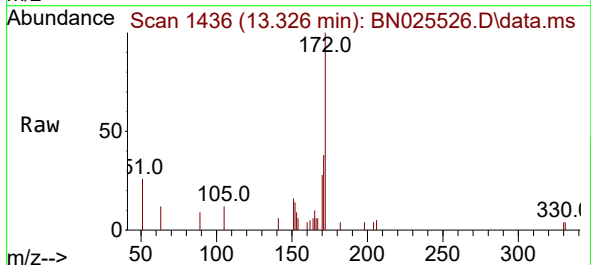
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-278-280

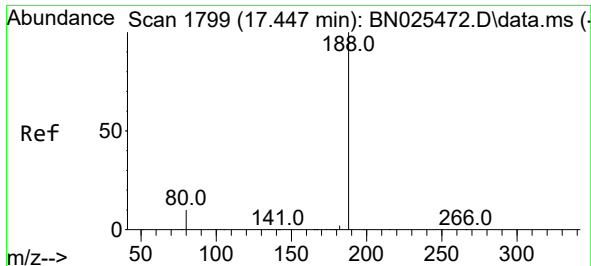
Tgt Ion:330 Resp: 74  
Ion Ratio Lower Upper  
330 100  
332 93.2 76.1 114.1  
141 59.5 36.1 54.1#



#15  
2-Fluorobiphenyl  
Concen: 0.039 ng  
RT: 13.326 min Scan# 1436  
Delta R.T. -0.011 min  
Lab File: BN025526.D  
Acq: 20 May 2023 15:55

Tgt Ion:172 Resp: 1872  
Ion Ratio Lower Upper  
172 100  
171 37.7 27.6 41.4  
170 27.6 18.9 28.3

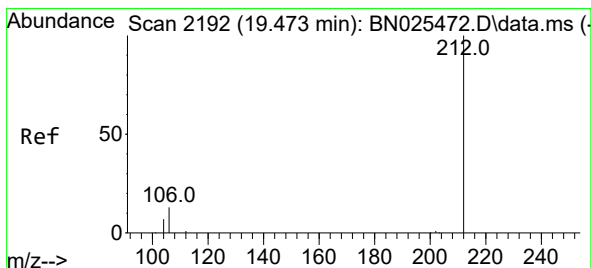
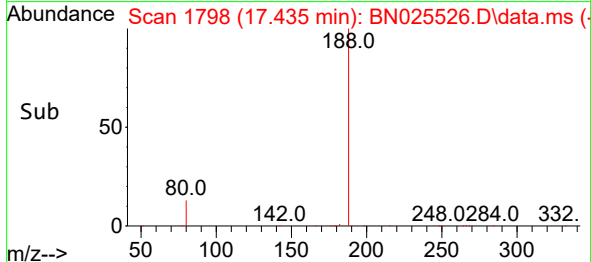
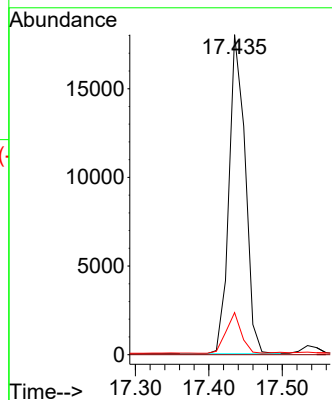
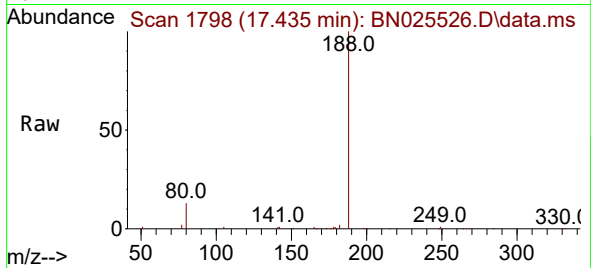




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.435 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN025526.D  
Acq: 20 May 2023 15:55

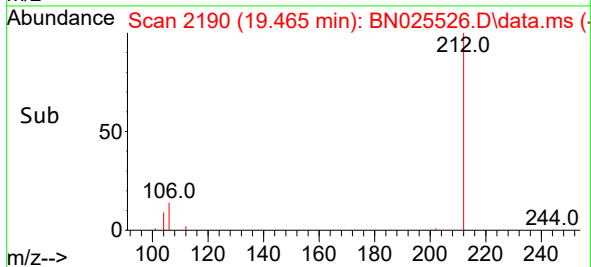
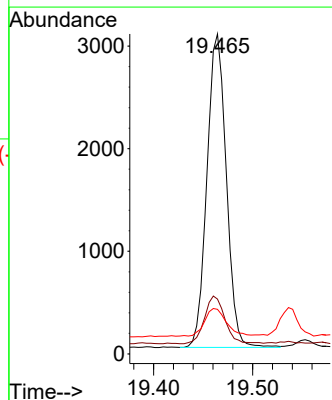
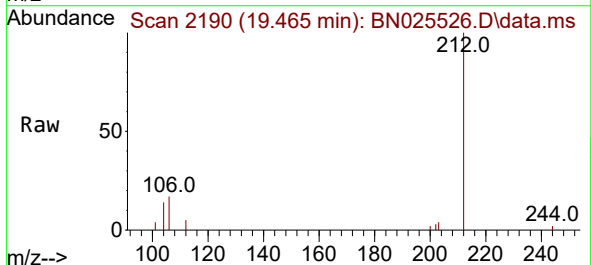
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-278-280

Tgt Ion:188 Resp: 27547  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.1 8.2 12.4#

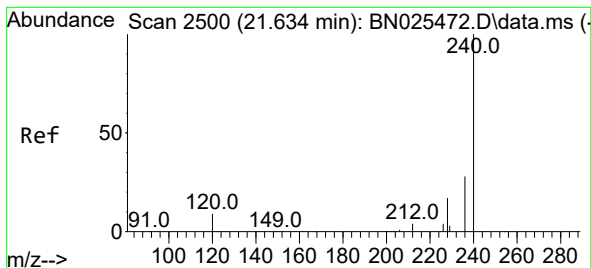


#27  
Fluoranthene-d10  
Concen: 0.065 ng  
RT: 19.465 min Scan# 2190  
Delta R.T. -0.000 min  
Lab File: BN025526.D  
Acq: 20 May 2023 15:55

Tgt Ion:212 Resp: 4143  
Ion Ratio Lower Upper  
212 100  
106 16.1 11.4 17.2  
104 9.8 6.6 10.0







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.616 min Scan# 2498

Delta R.T. 0.000 min

Lab File: BN025526.D

Acq: 20 May 2023 15:55

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-RW11-GW-278-280

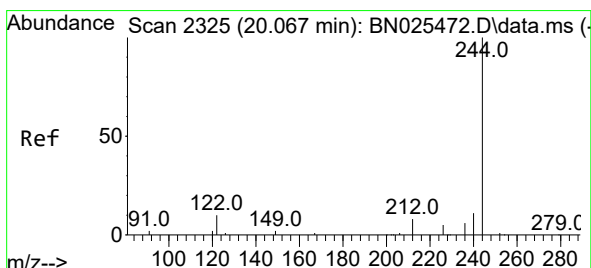
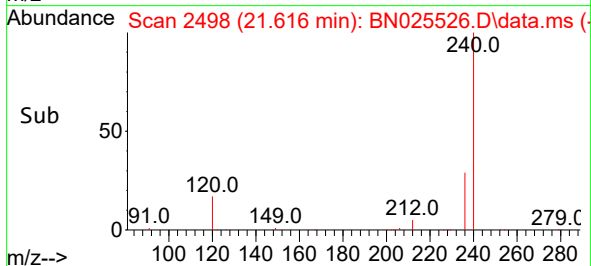
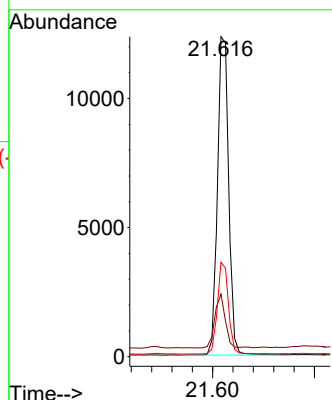
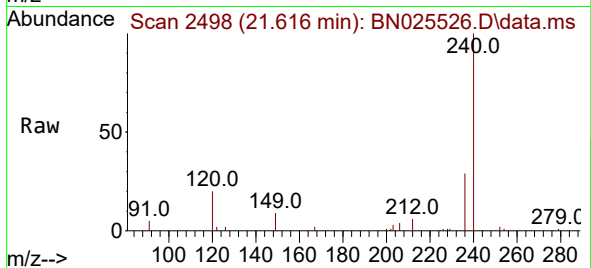
Tgt Ion:240 Resp: 18874

Ion Ratio Lower Upper

240 100

120 19.5 8.6 12.8#

236 29.5 22.7 34.1



#31

Terphenyl-d14

Concen: 0.071 ng

RT: 20.058 min Scan# 2324

Delta R.T. 0.009 min

Lab File: BN025526.D

Acq: 20 May 2023 15:55

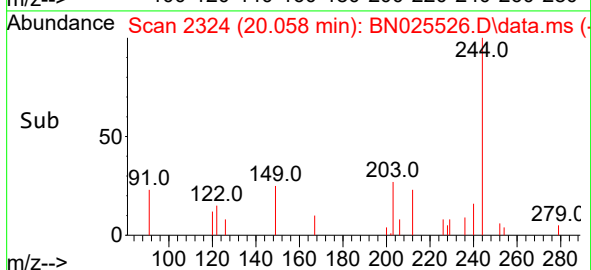
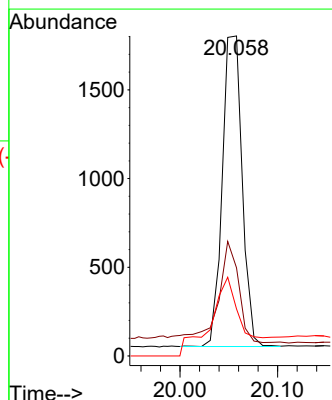
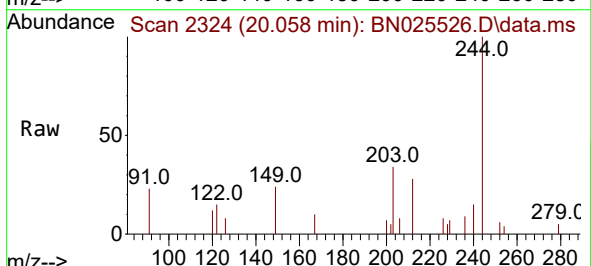
Tgt Ion:244 Resp: 2380

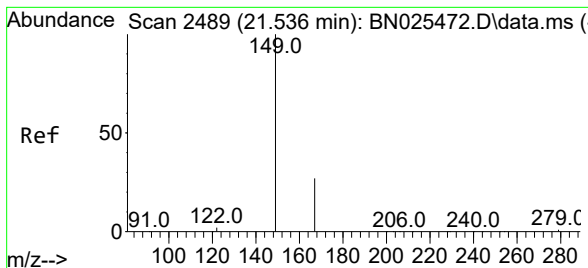
Ion Ratio Lower Upper

244 100

212 27.5 6.6 10.0#

122 14.7 8.1 12.1#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.355 ng

RT: 21.527 min Scan# 2488

Delta R.T. 0.009 min

Lab File: BN025526.D

Acq: 20 May 2023 15:55

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-RW11-GW-278-280

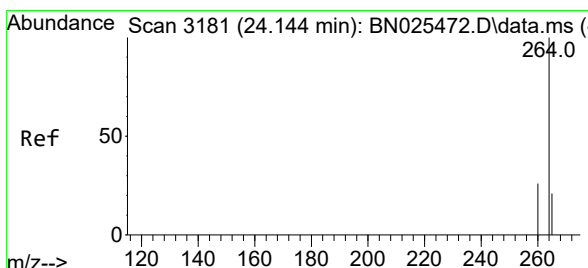
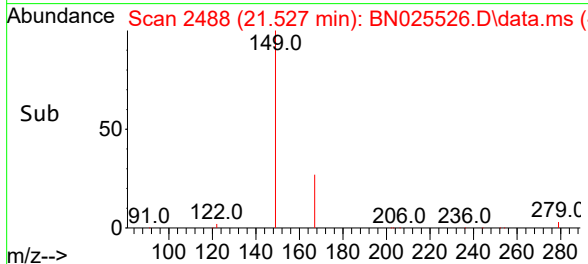
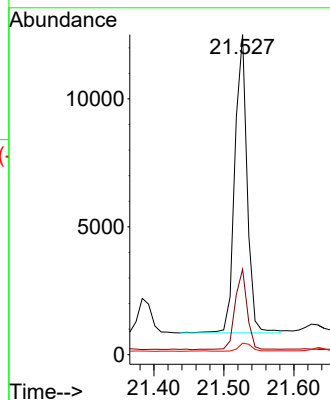
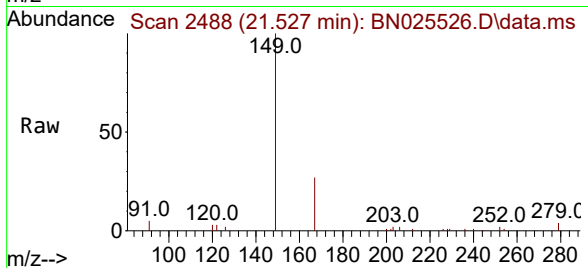
Tgt Ion:149 Resp: 14264

Ion Ratio Lower Upper

149 100

167 26.5 22.0 33.0

279 3.0 2.6 3.8



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.141 min Scan# 3180

Delta R.T. 0.020 min

Lab File: BN025526.D

Acq: 20 May 2023 15:55

Tgt Ion:264 Resp: 15897

Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 45.9 27.1 40.7#

