

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091323\  
 Data File : BN027595.D  
 Acq On : 12 Sep 2023 04:23  
 Operator : MA/JU  
 Sample : 04266-01  
 Misc :  
 ALS Vial : 96 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-04B-26.5-083123

Quant Time: Sep 12 06:08:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 02:45:58 2023  
 Response via : Initial Calibration

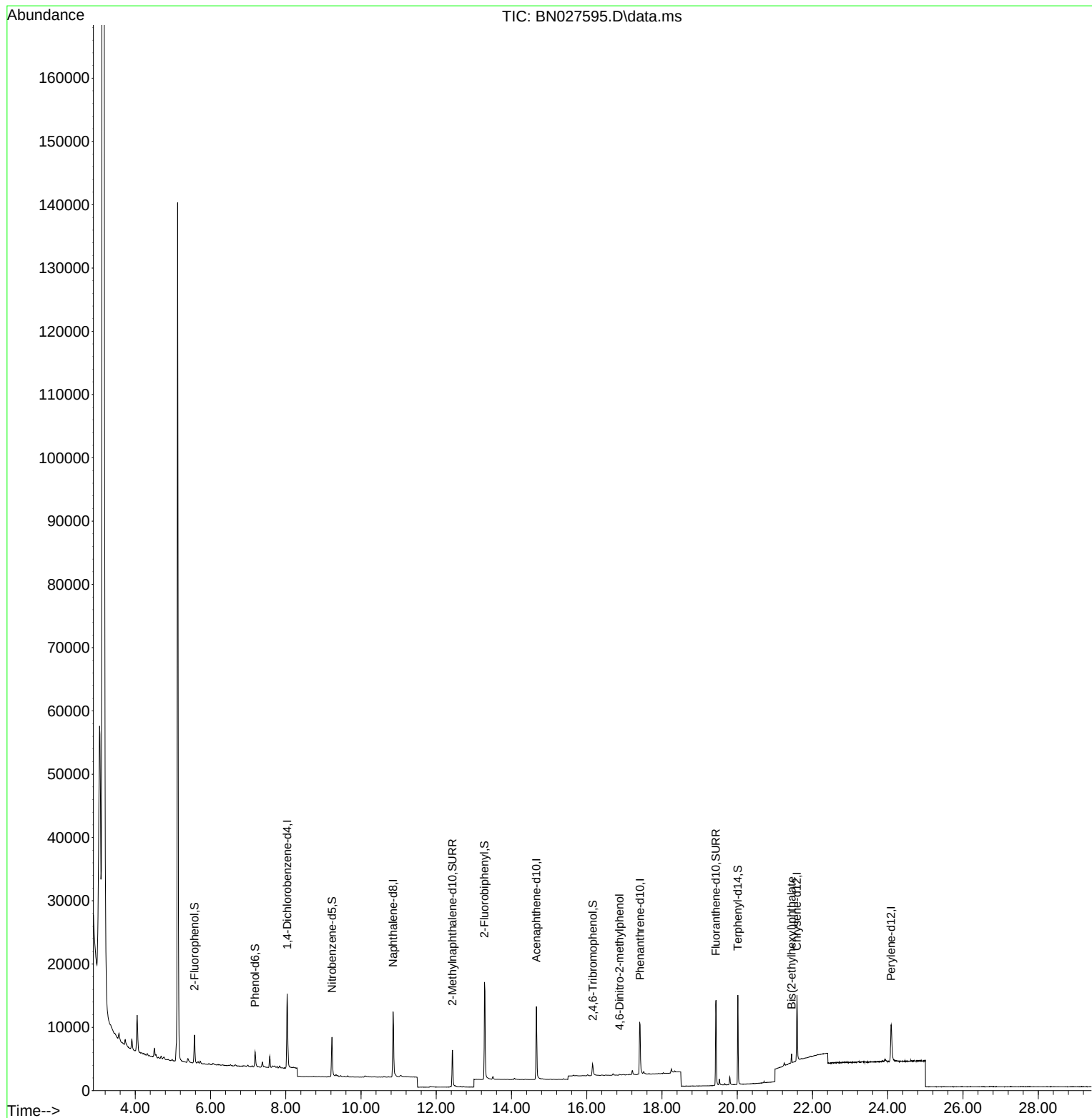
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.037  | 152  | 5905     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.852 | 136  | 15331    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.662 | 164  | 7359     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.418 | 188  | 14285    | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.587 | 240  | 10718    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.089 | 264  | 10187    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.574  | 112  | 4070     | 0.264 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.185  | 99   | 2702     | 0.144 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.229  | 82   | 5978     | 0.535 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.430 | 152  | 8776     | 0.390 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.164 | 330  | 1312     | 0.482 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.282 | 172  | 15442    | 0.552 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.434 | 212  | 15878    | 0.447 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.015 | 244  | 13954    | 0.648 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 16.871 | 198  | 10       | 0.049 | ng    | # 39     |
| 34) Bis(2-ethylhexyl)phtha... | 21.443 | 149  | 1360     | 0.077 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

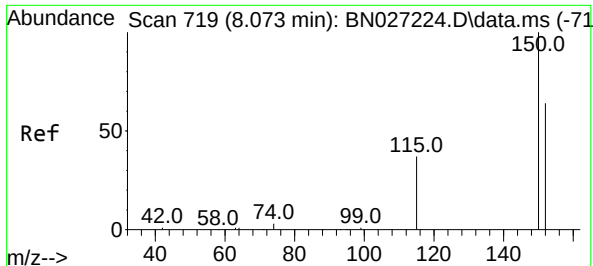
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091323\  
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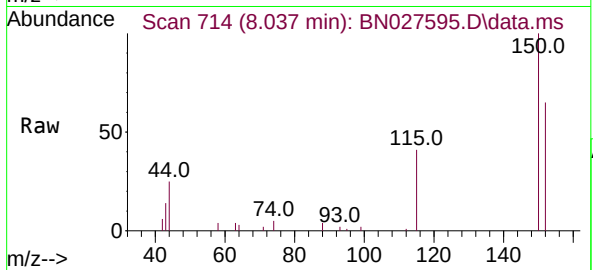
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 12 02:45:58 2023  
Response via : Initial Calibration



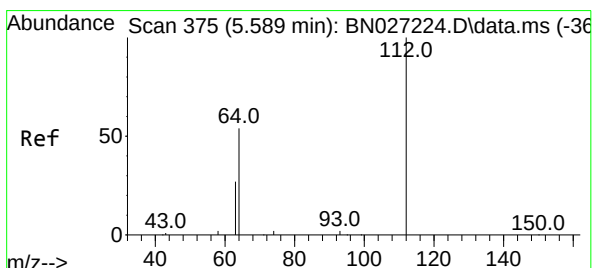
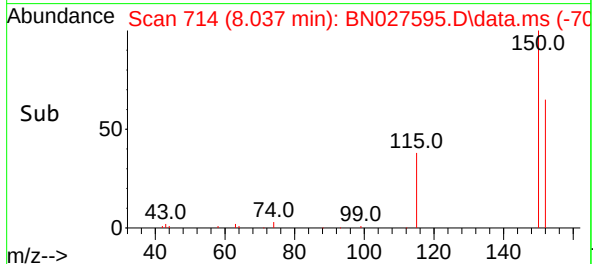
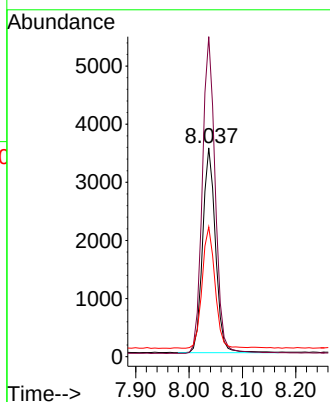


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.037 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: BN027595.D  
Acq: 12 Sep 2023 04:23

Instrument :  
BNA\_N  
ClientSampleId :  
OW-04B-26.5-083123

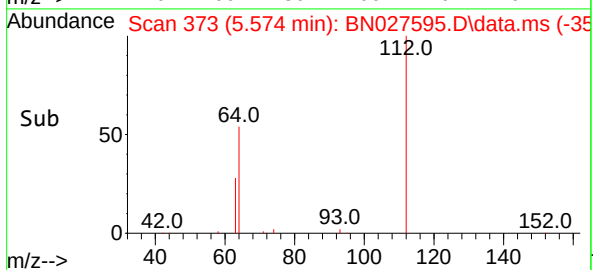
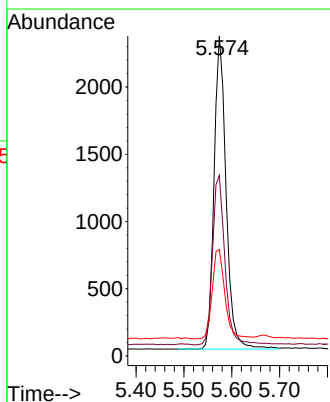
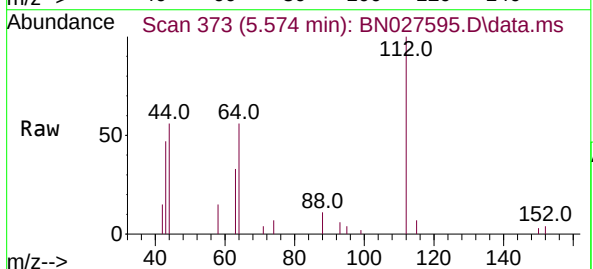


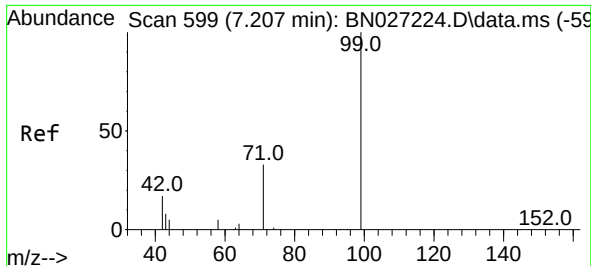
Tgt Ion:152 Resp: 5905  
Ion Ratio Lower Upper  
152 100  
150 153.2 122.7 184.1  
115 62.2 48.6 73.0



#4  
2-Fluorophenol  
Concen: 0.264 ng  
RT: 5.574 min Scan# 373  
Delta R.T. -0.000 min  
Lab File: BN027595.D  
Acq: 12 Sep 2023 04:23

Tgt Ion:112 Resp: 4070  
Ion Ratio Lower Upper  
112 100  
64 56.3 44.4 66.6  
63 30.0 23.1 34.7

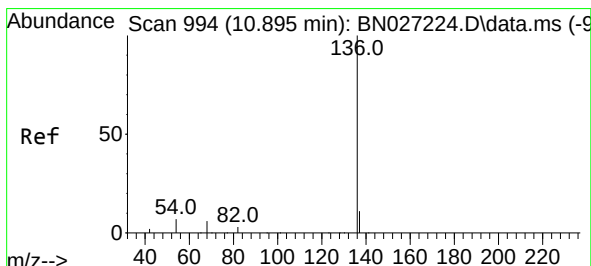
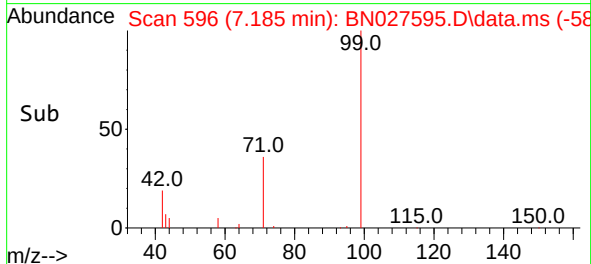
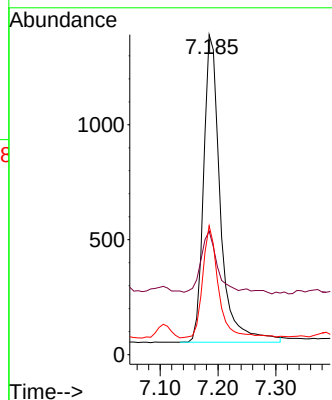
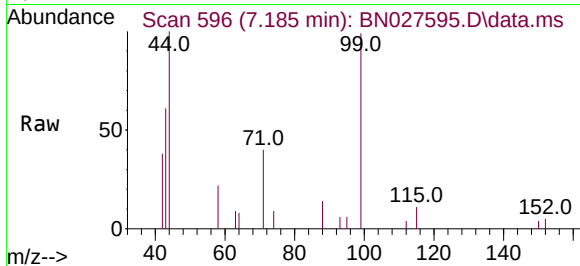




#5  
Phenol-d6  
Concen: 0.144 ng  
RT: 7.185 min Scan# 596  
Delta R.T. -0.000 min  
Lab File: BN027595.D  
Acq: 12 Sep 2023 04:23

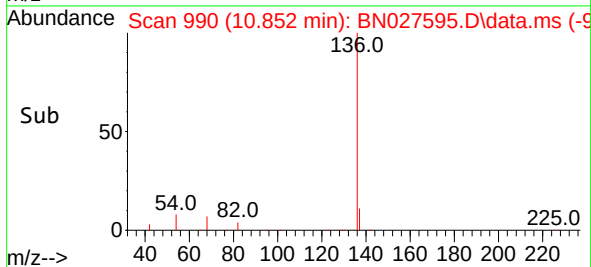
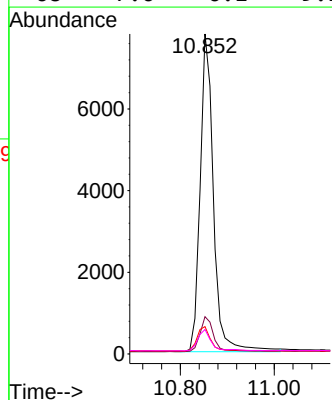
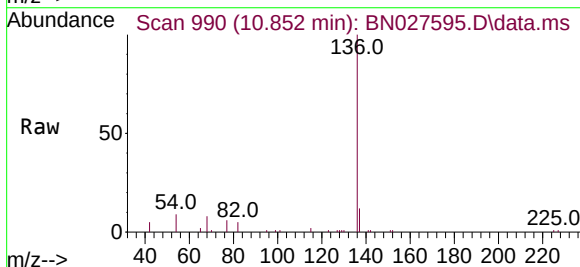
Instrument :  
BNA\_N  
ClientSampleId :  
OW-04B-26.5-083123

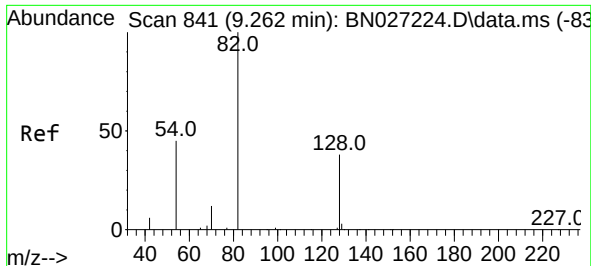
Tgt Ion: 99 Resp: 2702  
Ion Ratio Lower Upper  
99 100  
42 21.8 14.5 21.7#  
71 34.5 25.8 38.6



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.852 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: BN027595.D  
Acq: 12 Sep 2023 04:23

Tgt Ion: 136 Resp: 15331  
Ion Ratio Lower Upper  
136 100  
137 11.6 9.3 13.9  
54 8.5 6.7 10.1  
68 7.6 6.1 9.1

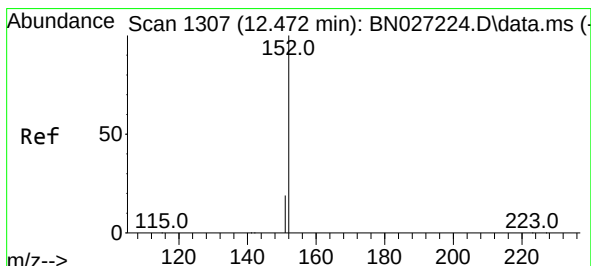
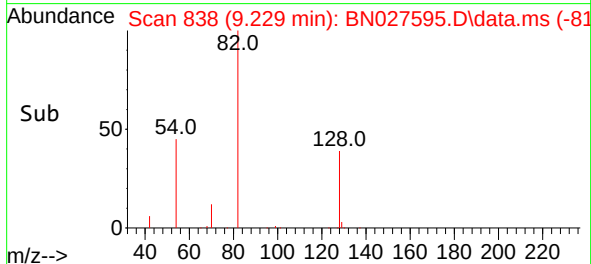
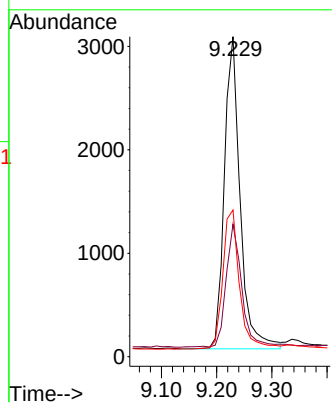
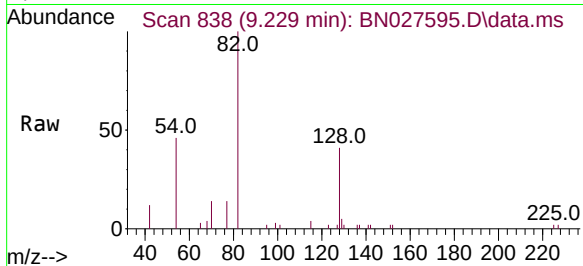




#8  
Nitrobenzene-d5  
Concen: 0.535 ng  
RT: 9.229 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BN027595.D  
Acq: 12 Sep 2023 04:23

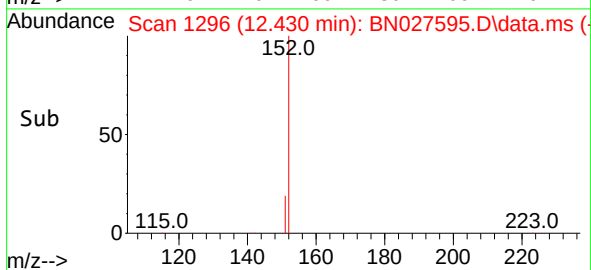
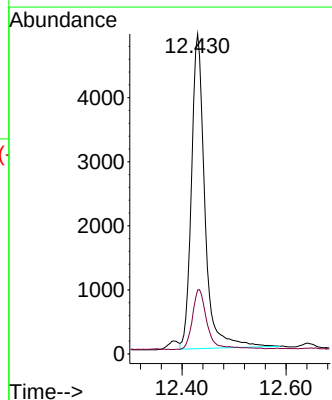
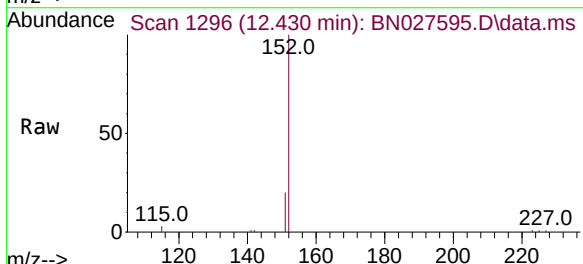
Instrument :  
BNA\_N  
ClientSampleId :  
OW-04B-26.5-083123

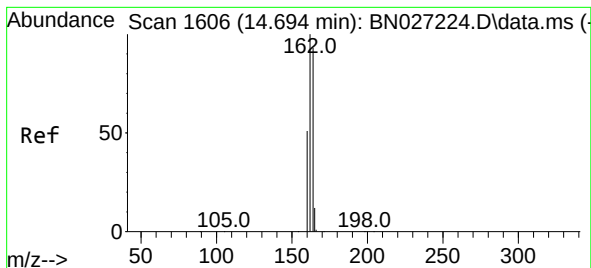
Tgt Ion: 82 Resp: 5978  
Ion Ratio Lower Upper  
82 100  
128 41.4 33.4 50.0  
54 45.8 37.7 56.5



#11  
2-Methylnaphthalene-d10  
Concen: 0.390 ng  
RT: 12.430 min Scan# 1296  
Delta R.T. -0.000 min  
Lab File: BN027595.D  
Acq: 12 Sep 2023 04:23

Tgt Ion: 152 Resp: 8776  
Ion Ratio Lower Upper  
152 100  
151 21.5 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN027595.D

Acq: 12 Sep 2023 04:23

Instrument :

BNA\_N

ClientSampleId :

OW-04B-26.5-083123

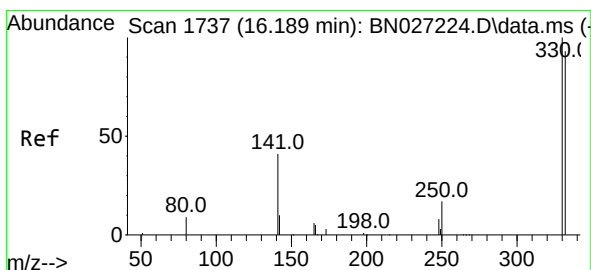
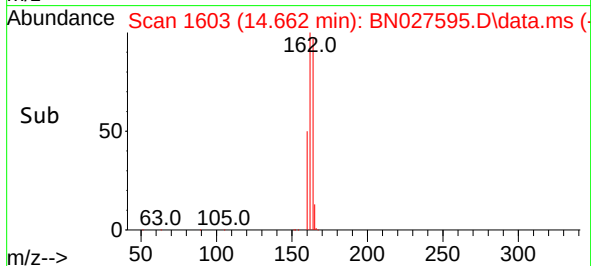
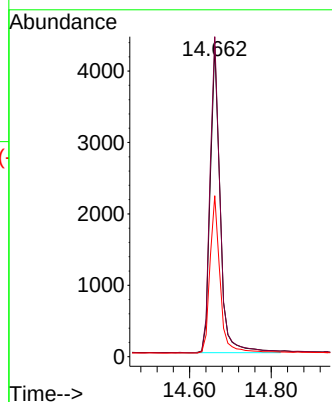
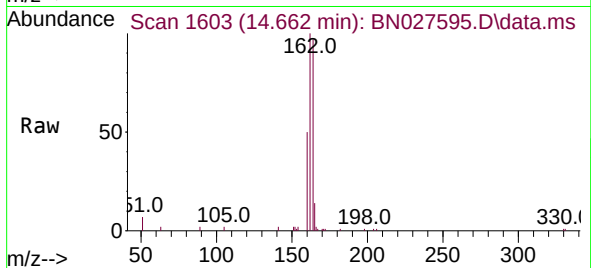
Tgt Ion:164 Resp: 7359

Ion Ratio Lower Upper

164 100

162 103.0 85.8 128.8

160 51.8 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.482 ng

RT: 16.164 min Scan# 1735

Delta R.T. 0.012 min

Lab File: BN027595.D

Acq: 12 Sep 2023 04:23

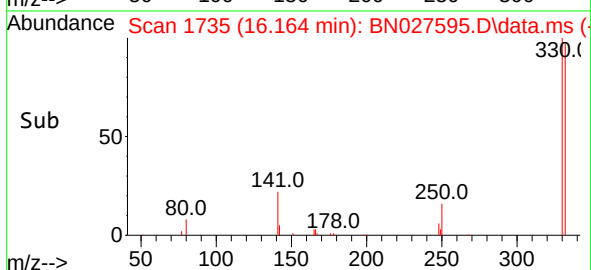
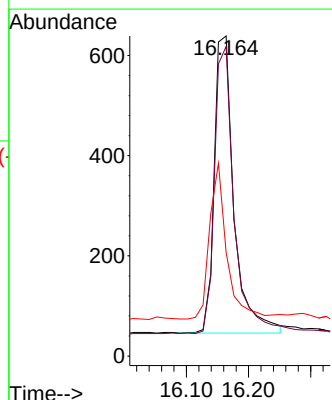
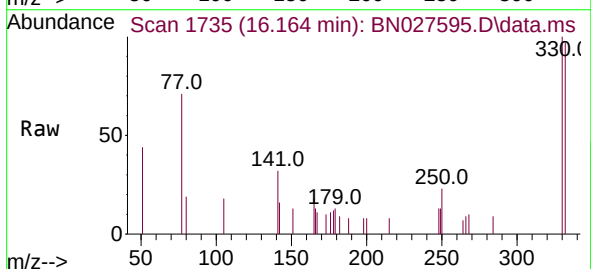
Tgt Ion:330 Resp: 1312

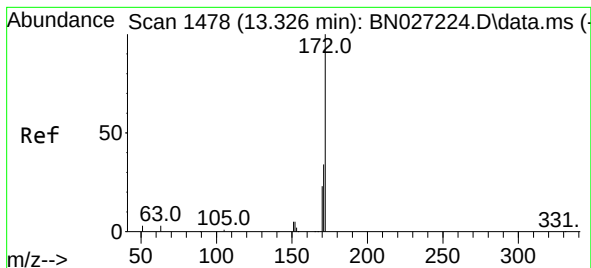
Ion Ratio Lower Upper

330 100

332 95.5 75.2 112.8

141 45.7 36.2 54.4





#15

2-Fluorobiphenyl

Concen: 0.552 ng

RT: 13.282 min Scan# 1478

Delta R.T. -0.011 min

Lab File: BN027595.D

Acq: 12 Sep 2023 04:23

Instrument :

BNA\_N

ClientSampleId :

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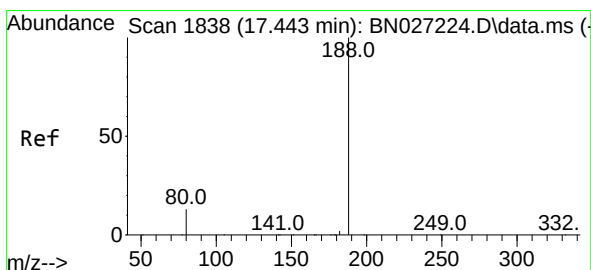
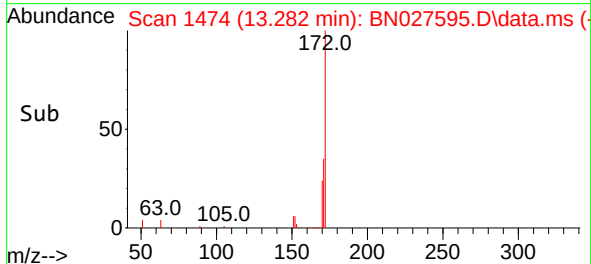
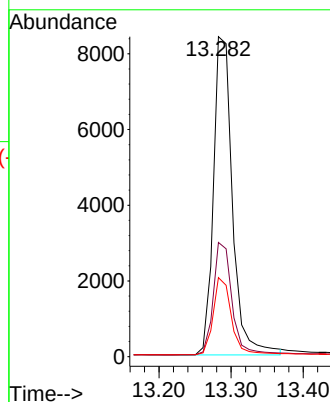
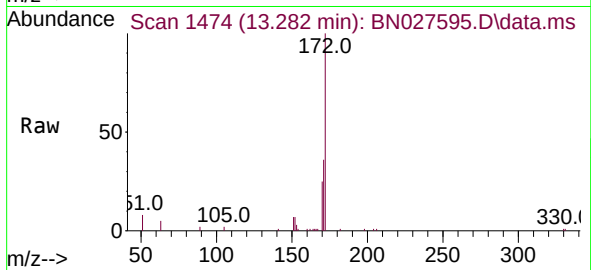
Tgt Ion:172 Resp: 15442

Ion Ratio Lower Upper

172 100

171 35.7 27.8 41.8

170 24.7 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.418 min Scan# 1836

Delta R.T. 0.012 min

Lab File: BN027595.D

Acq: 12 Sep 2023 04:23

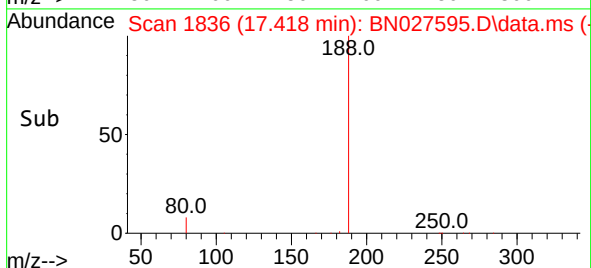
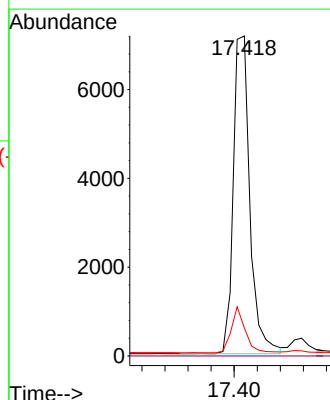
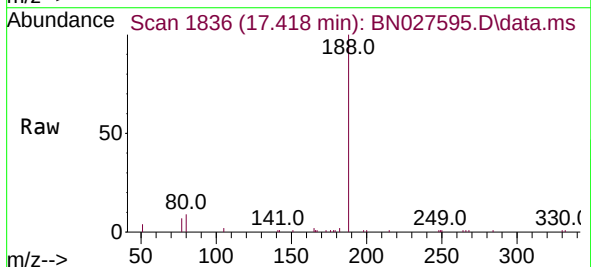
Tgt Ion:188 Resp: 14285

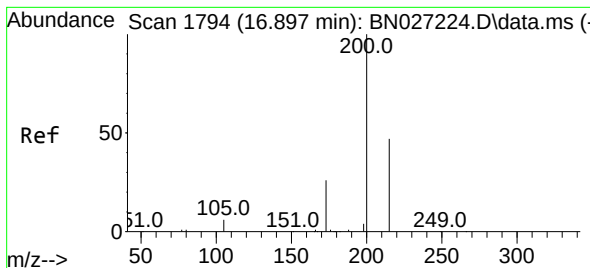
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 11.0 16.6#

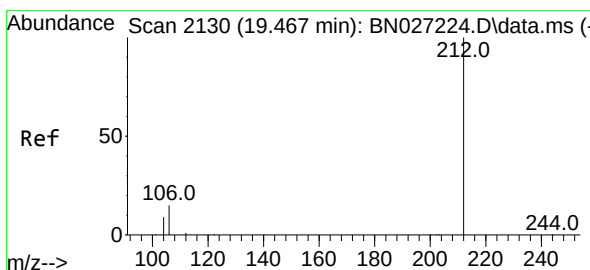
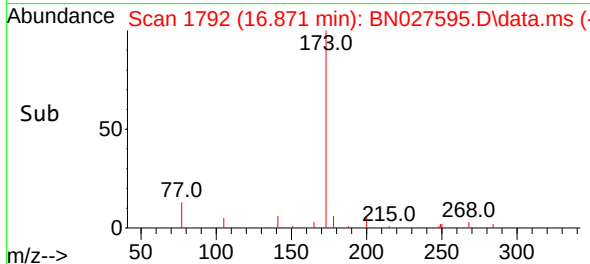
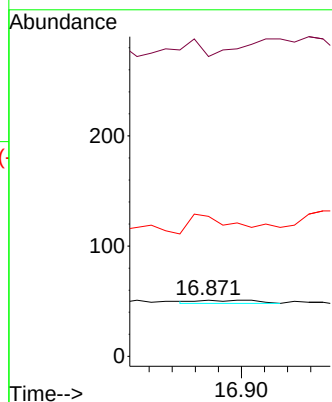
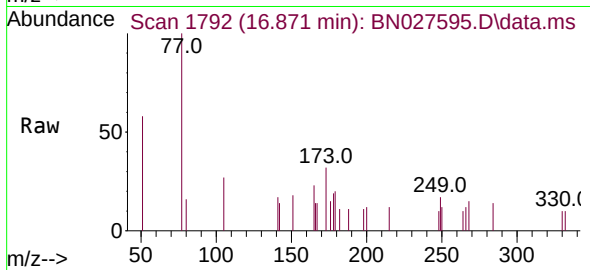




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.049 ng  
RT: 16.871 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BN027595.D  
Acq: 12 Sep 2023 04:23

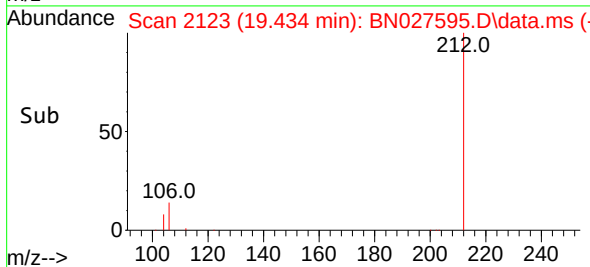
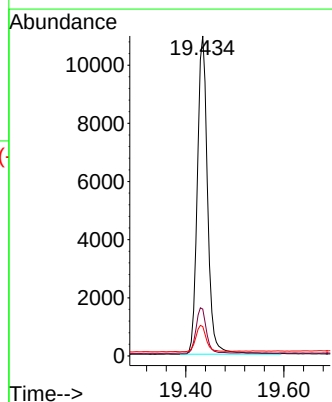
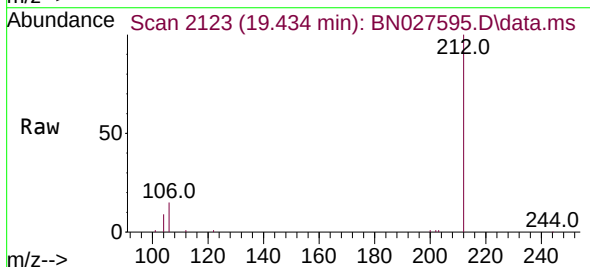
Instrument :  
BNA\_N  
ClientSampleId :  
OW-04B-26.5-083123

Tgt Ion:198 Resp: 10  
Ion Ratio Lower Upper  
198 100  
51 533.3 282.2 423.2#  
105 249.0 168.7 253.1

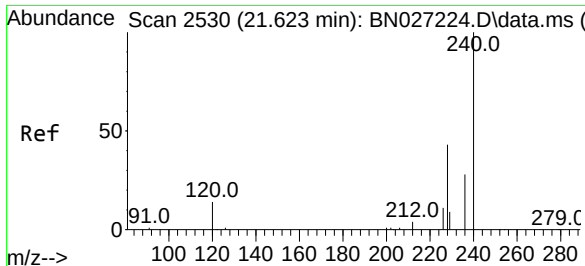


#27  
Fluoranthene-d10  
Concen: 0.447 ng  
RT: 19.434 min Scan# 2123  
Delta R.T. -0.000 min  
Lab File: BN027595.D  
Acq: 12 Sep 2023 04:23

Tgt Ion:212 Resp: 15878  
Ion Ratio Lower Upper  
212 100  
106 14.4 12.1 18.1  
104 8.4 6.9 10.3



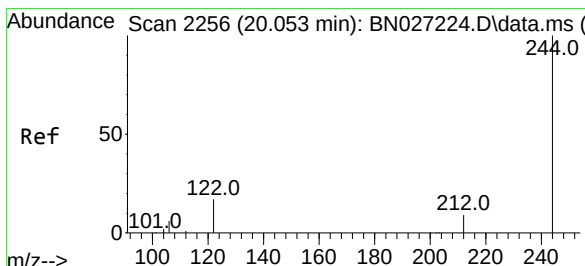
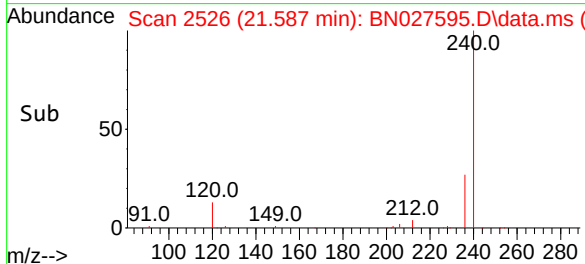
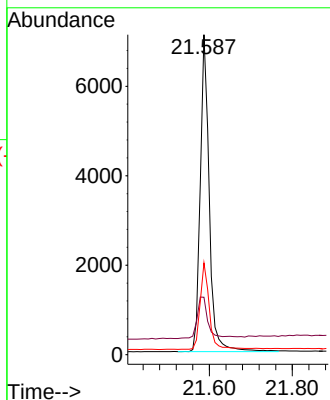
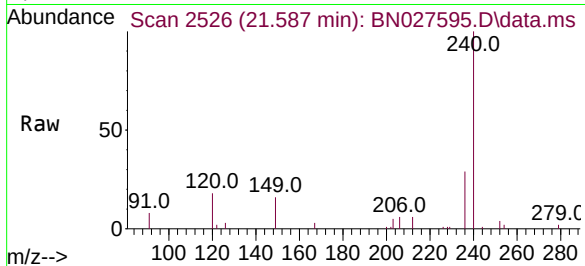




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.587 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN027595.D  
Acq: 12 Sep 2023 04:23

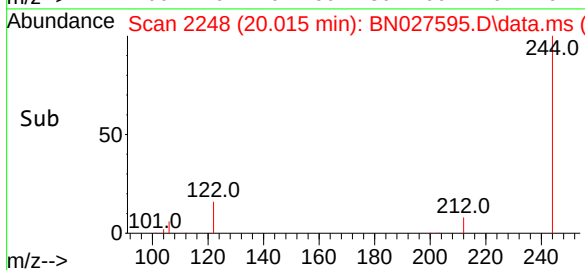
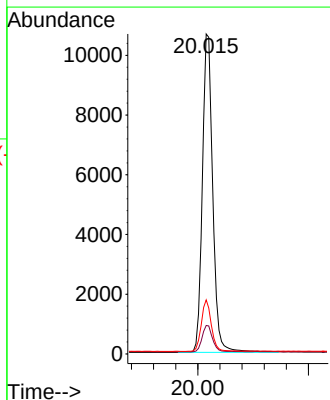
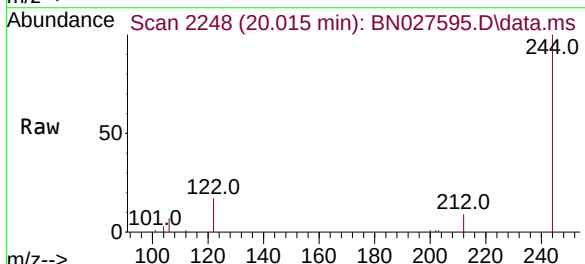
Instrument :  
BNA\_N  
ClientSampleId :  
OW-04B-26.5-083123

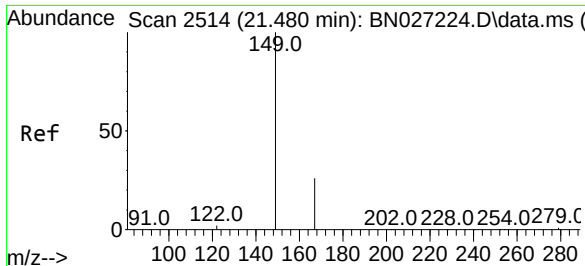
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Ion Ratio Lower Upper  
240 100  
120 17.9 14.2 21.4  
236 28.7 22.9 34.3



#31  
Terphenyl-d14  
Concen: 0.648 ng  
RT: 20.015 min Scan# 2248  
Delta R.T. -0.005 min  
Lab File: BN027595.D  
Acq: 12 Sep 2023 04:23

Tgt Ion:244 Resp: 13954  
Ion Ratio Lower Upper  
244 100  
212 8.9 7.5 11.3  
122 16.9 14.0 21.0

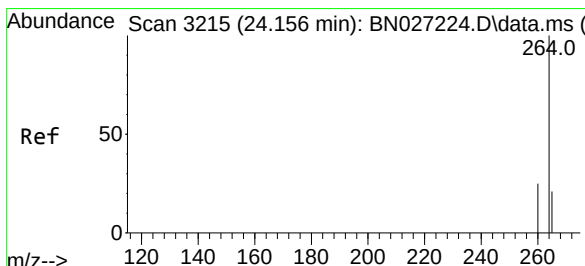
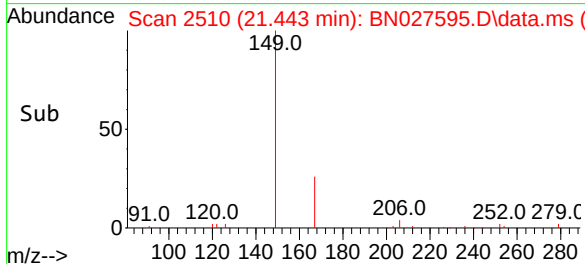
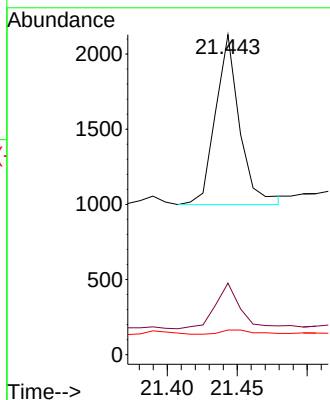
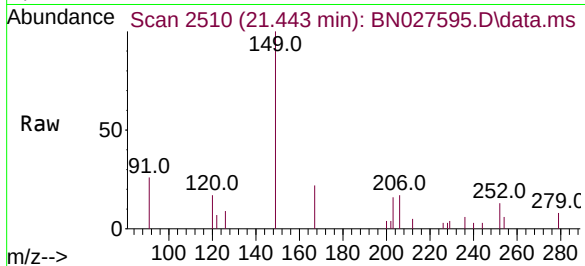




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.077 ng  
 RT: 21.443 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN027595.D  
 Acq: 12 Sep 2023 04:23

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-04B-26.5-083123

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 1360 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 29.3  | 22.1  | 33.1 |
| 279       | 3.6   | 2.7   | 4.1  |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.089 min Scan# 3192  
 Delta R.T. -0.006 min  
 Lab File: BN027595.D  
 Acq: 12 Sep 2023 04:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 10187 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 26.2  | 20.7  | 31.1  |
| 265       | 88.2  | 53.3  | 79.9  |

