

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091125\  
 Data File : BF143717.D  
 Acq On : 11 Sep 2025 20:27  
 Operator : RC/JU  
 Sample : Q3075-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MOO-25-0259

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 12 04:39:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 09 15:20:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.893  | 152  | 36057    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 136415   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.934  | 164  | 74492    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 103536   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 90234    | 20.000 | ng    | 0.01     |
| 86) Perylene-d12              | 15.539 | 264  | 69569    | 20.000 | ng    | 0.02     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 174723   | 82.675 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 213299   | 82.891 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 128990   | 58.815 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 51148    | 68.133 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 282819   | 57.353 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 234600   | 42.132 | ng    | 0.01     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 75) Fluoranthene              | 12.633 | 202  | 16377    | 3.127  | ng    | 93       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 6918     | 2.145  | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 11003m   | 2.657  | ng    |          |
| -----                         |        |      |          |        |       |          |

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

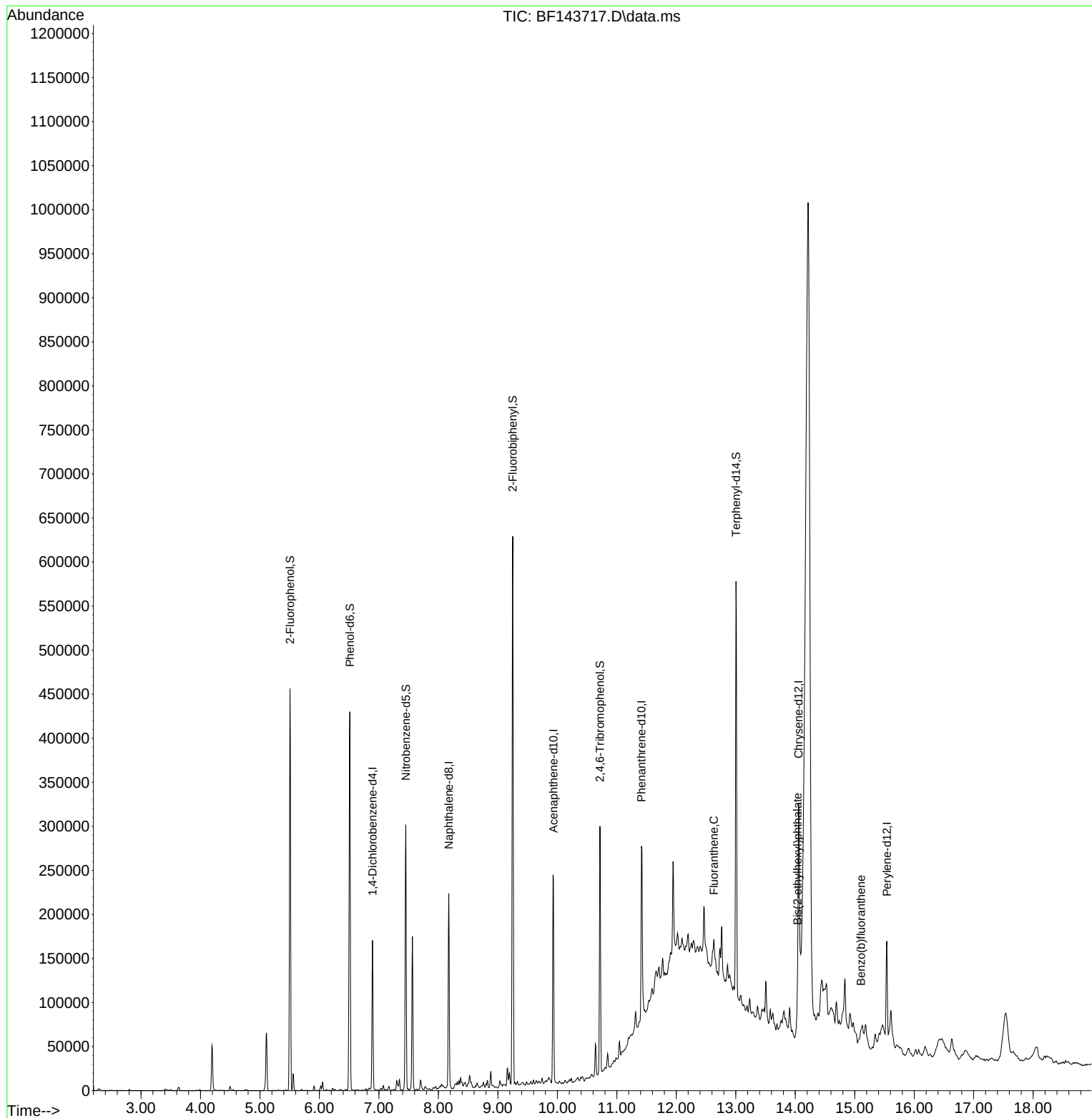
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091125\  
Data File : BF143717.D  
Acq On : 11 Sep 2025 20:27  
Operator : RC/JU  
Sample : Q3075-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

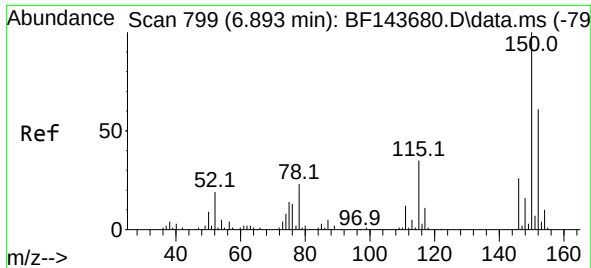
Instrument :  
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Quant Time: Sep 12 04:39:53 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration

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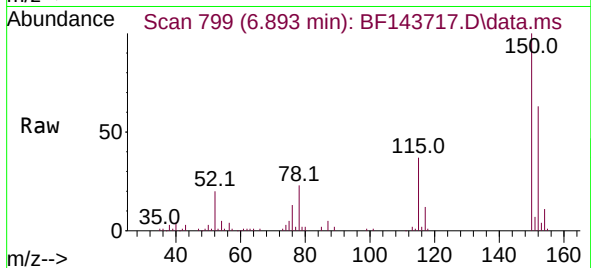
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: BF143717.D  
Acq: 11 Sep 2025 20:27

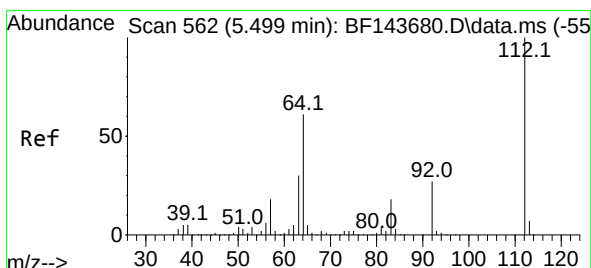
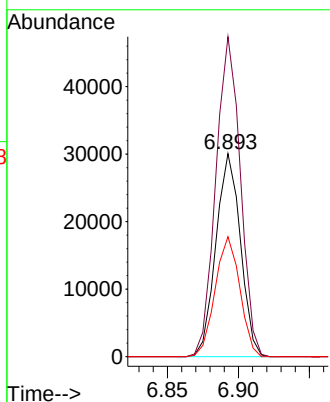
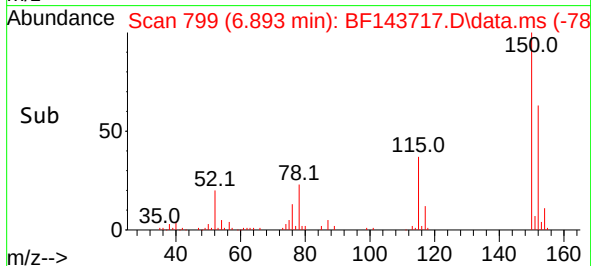
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-25-0259



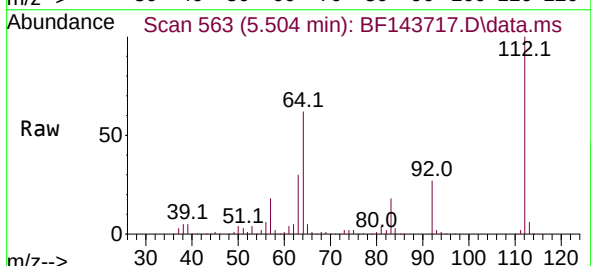
Tgt Ion:152 Resp: 36052  
Ion Ratio Lower Upper  
152 100  
150 157.7 130.7 196.1  
115 59.1 45.9 68.9

Manual Integrations  
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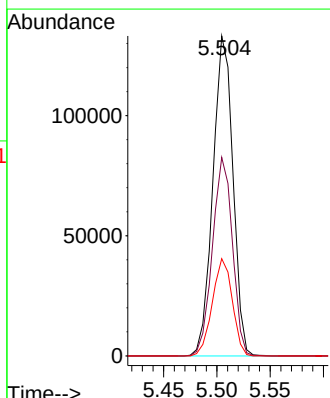
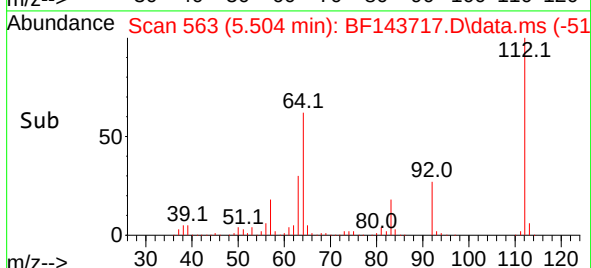
Reviewed By :Rahul Chavli 09/12/2025  
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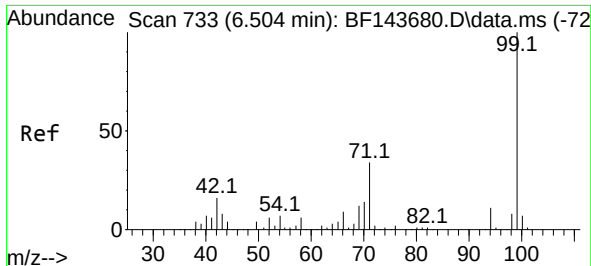


#5  
2-Fluorophenol  
Concen: 82.675 ng  
RT: 5.504 min Scan# 563  
Delta R.T. 0.006 min  
Lab File: BF143717.D  
Acq: 11 Sep 2025 20:27



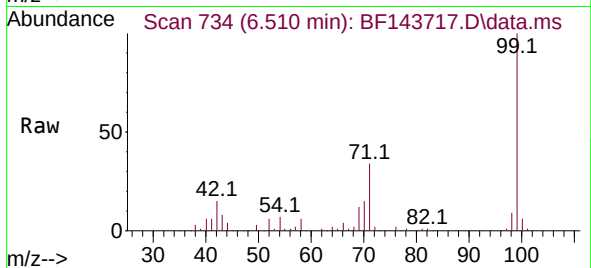
Tgt Ion:112 Resp: 174723  
Ion Ratio Lower Upper  
112 100  
64 62.0 49.0 73.4  
63 30.4 24.3 36.5





#7  
Phenol-d6  
Concen: 82.891 ng  
RT: 6.510 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: BF143717.D  
Acq: 11 Sep 2025 20:27

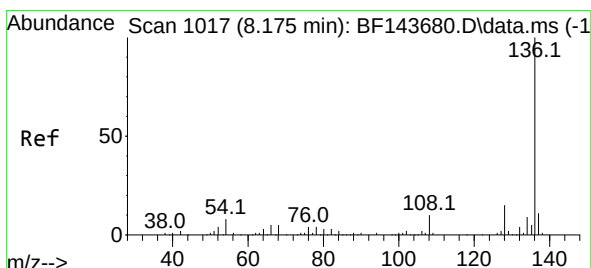
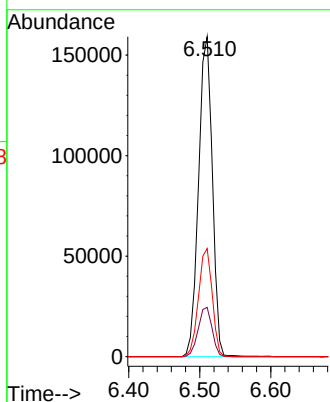
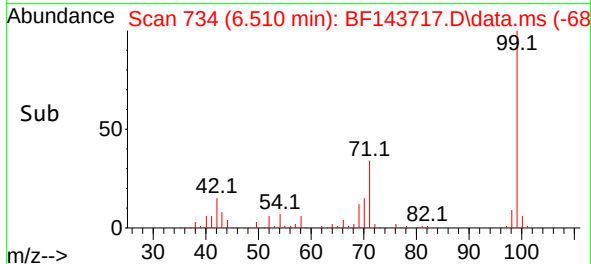
Instrument :  
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MOO-25-0259



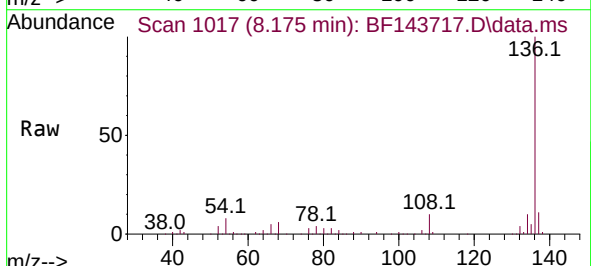
Tgt Ion: 99 Resp: 213299  
Ion Ratio Lower Upper  
99 100  
42 15.4 13.0 19.4  
71 33.8 27.4 41.2

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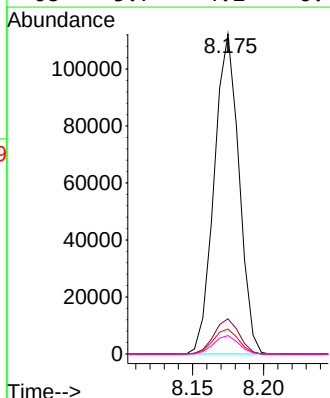
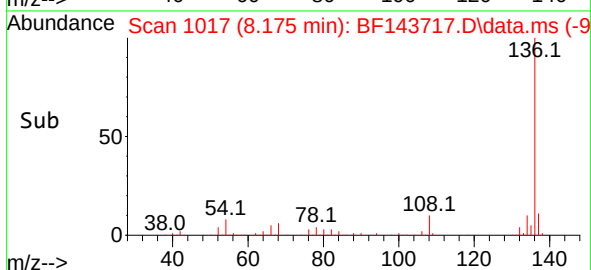
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

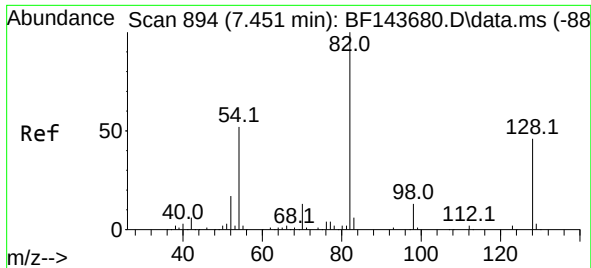


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BF143717.D  
Acq: 11 Sep 2025 20:27



Tgt Ion:136 Resp: 136415  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 7.8 6.2 9.2  
68 5.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 58.815 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143717.D

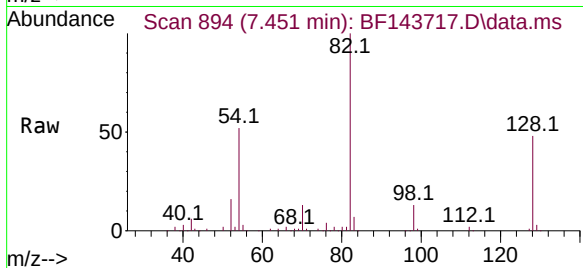
Acq: 11 Sep 2025 20:27

Instrument :

BNA\_F

ClientSampleId :

MOO-25-0259



Tgt Ion: 82 Resp: 128990

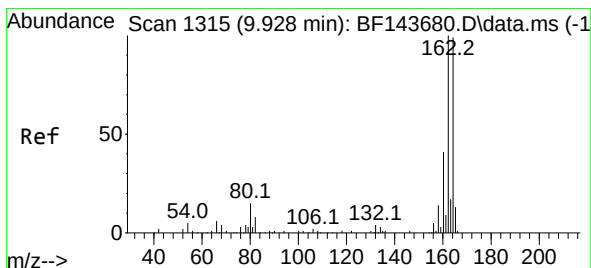
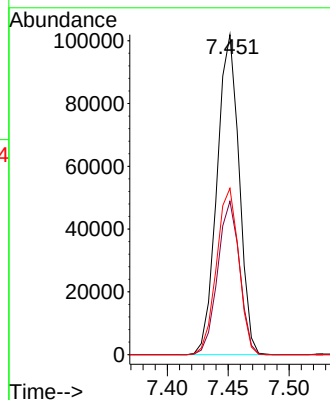
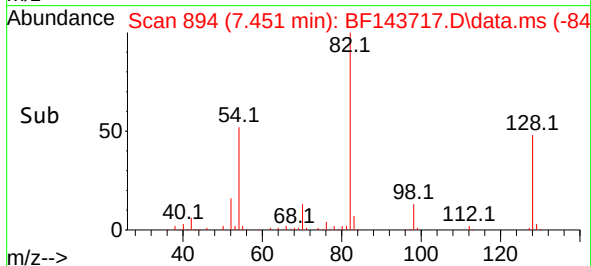
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.9  | 37.0  | 55.4  |
| 54  | 52.0  | 41.8  | 62.8  |

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

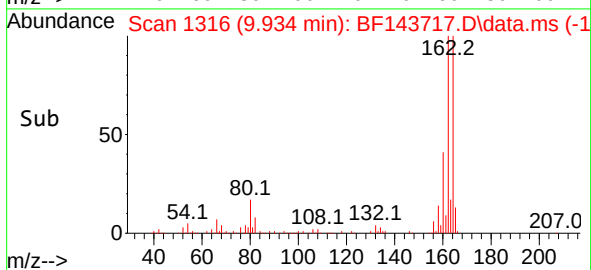
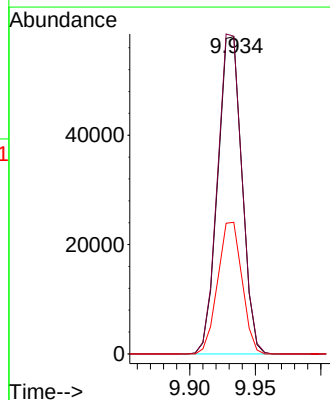
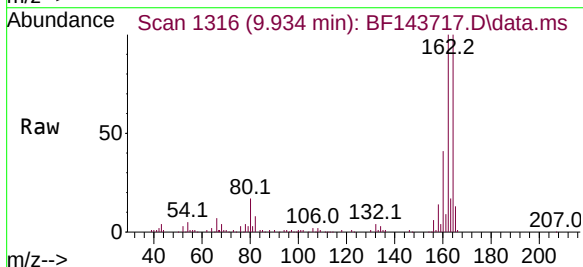
Delta R.T. 0.006 min

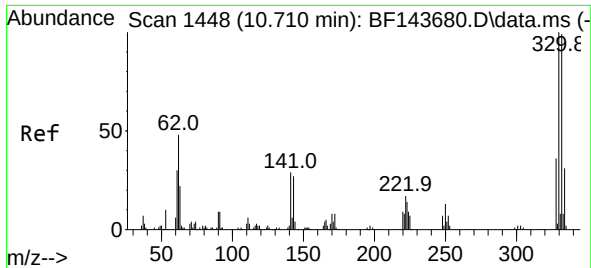
Lab File: BF143717.D

Acq: 11 Sep 2025 20:27

Tgt Ion:164 Resp: 74492

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.2 | 80.6  | 121.0 |
| 160 | 41.5  | 33.0  | 49.4  |





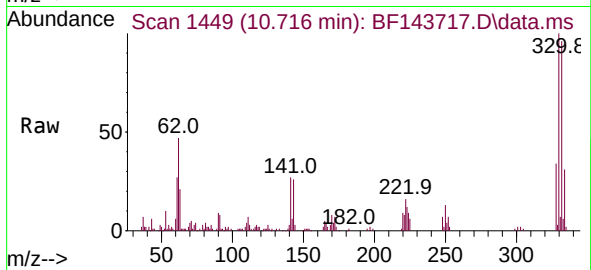
#42  
2,4,6-Tribromophenol  
Concen: 68.133 ng  
RT: 10.716 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: BF143717.D  
Acq: 11 Sep 2025 20:27

Instrument :

BNA\_F

ClientSampleId :

MOO-25-0259

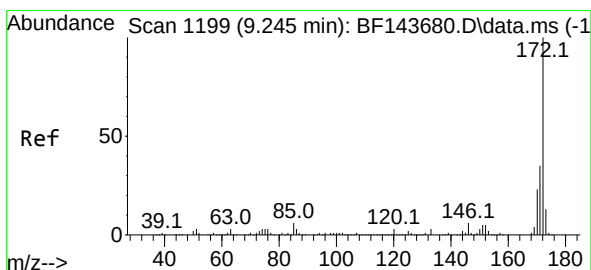
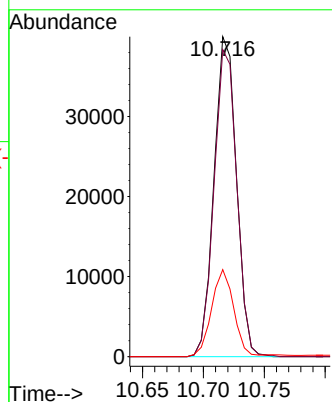
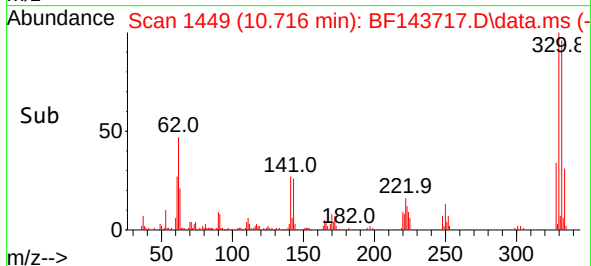


Tgt Ion:330 Resp: 51148  
Ion Ratio Lower Upper  
330 100  
332 97.2 79.2 118.8  
141 27.0 22.2 33.4

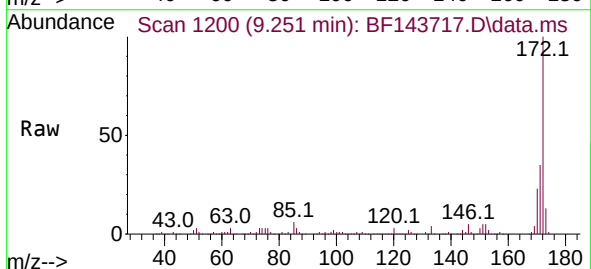
Manual Integrations

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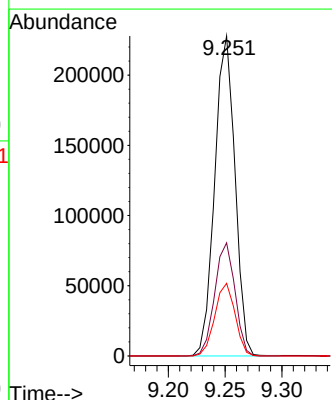
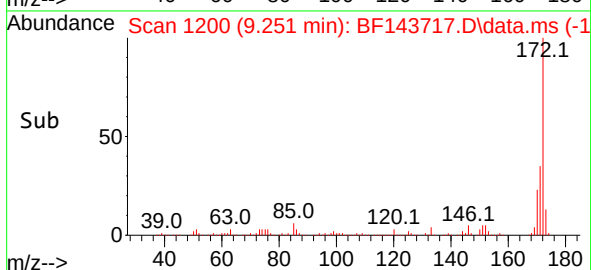
Reviewed By :Rahul Chavli 09/12/2025  
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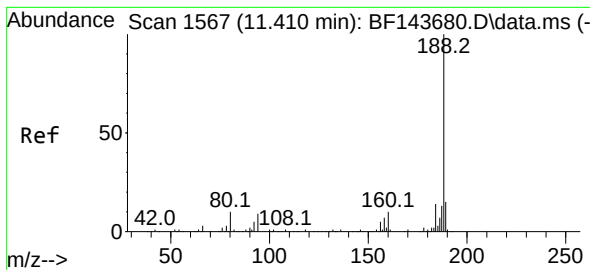


#45  
2-Fluorobiphenyl  
Concen: 57.353 ng  
RT: 9.251 min Scan# 1200  
Delta R.T. 0.006 min  
Lab File: BF143717.D  
Acq: 11 Sep 2025 20:27



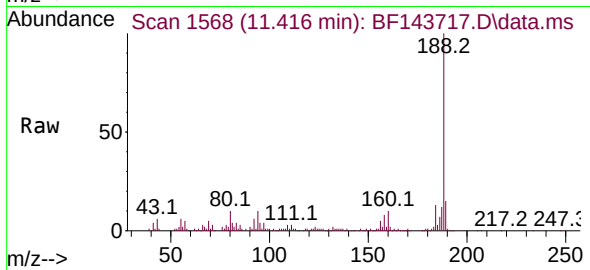
Tgt Ion:172 Resp: 282819  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.9 41.9  
170 22.7 18.6 27.8





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF143717.D  
Acq: 11 Sep 2025 20:27

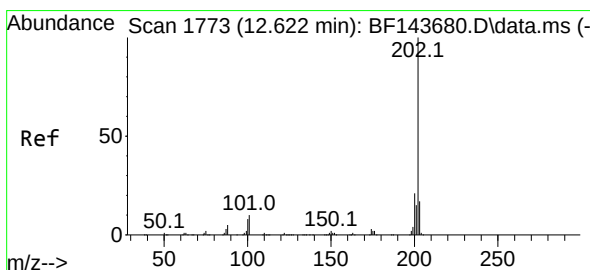
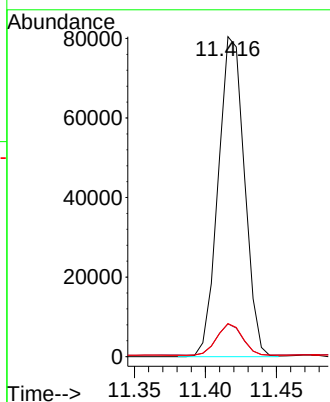
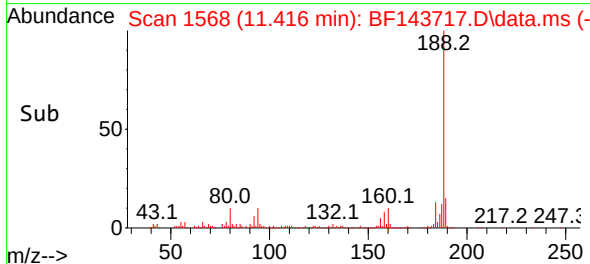
Instrument :  
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ClientSampleId :  
MOO-25-0259



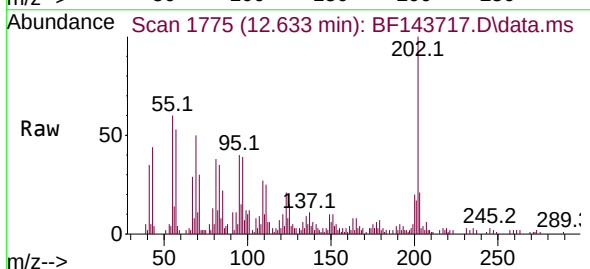
Tgt Ion:188 Resp: 103536  
Ion Ratio Lower Upper  
188 100  
94 10.2 7.4 11.0  
80 10.3 7.7 11.5

Manual Integrations  
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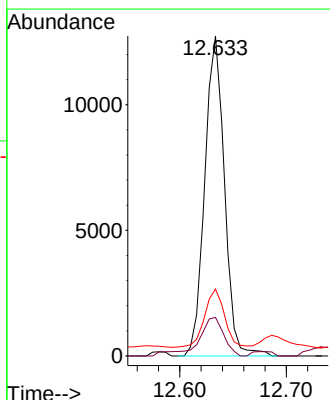
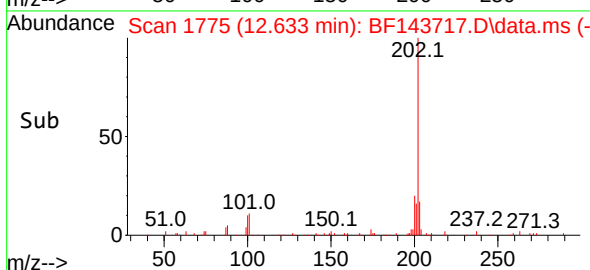
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

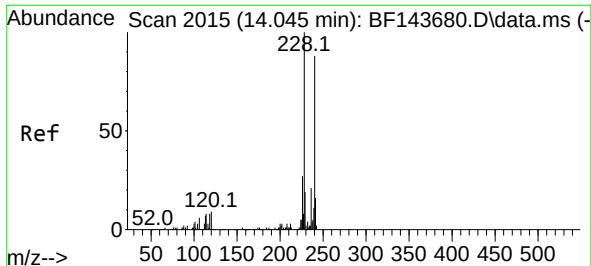


#75  
Fluoranthene  
Concen: 3.127 ng  
RT: 12.633 min Scan# 1775  
Delta R.T. 0.012 min  
Lab File: BF143717.D  
Acq: 11 Sep 2025 20:27



Tgt Ion:202 Resp: 16377  
Ion Ratio Lower Upper  
202 100  
101 12.0 0.0 30.5  
203 20.9 0.0 37.1





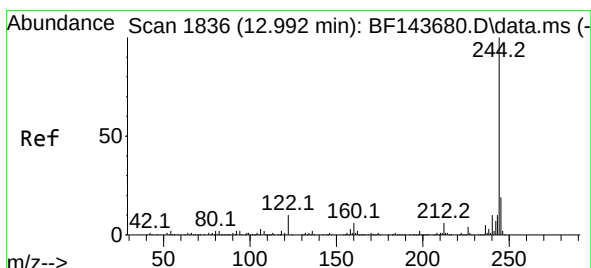
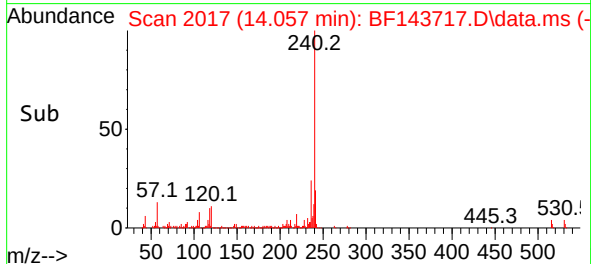
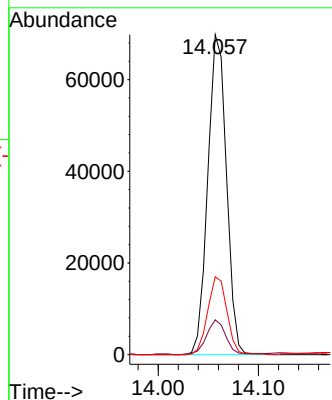
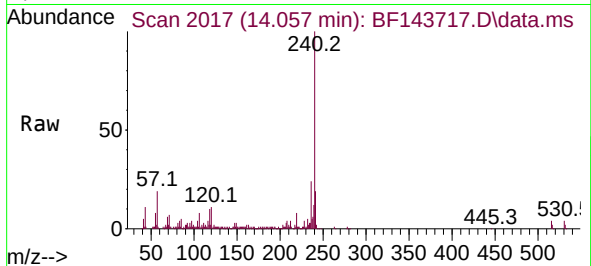
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 20  
Delta R.T. 0.012 min  
Lab File: BF143717.D  
Acq: 11 Sep 2025 20:27

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Tgt Ion:240 Resp: 90234  
Ion Ratio Lower Upper  
240 100  
120 10.9 8.4 12.6  
236 24.4 18.6 28.0

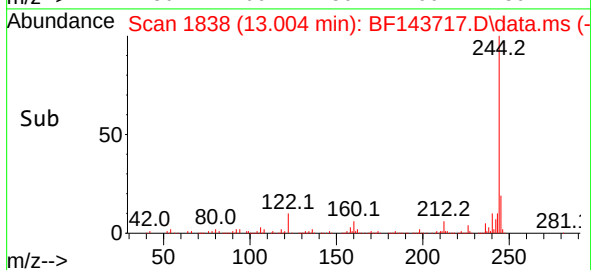
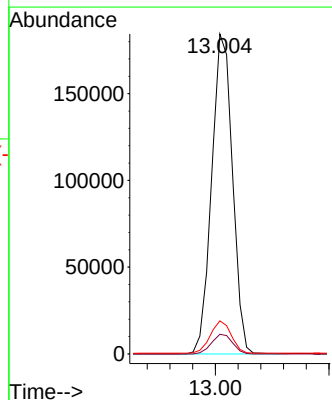
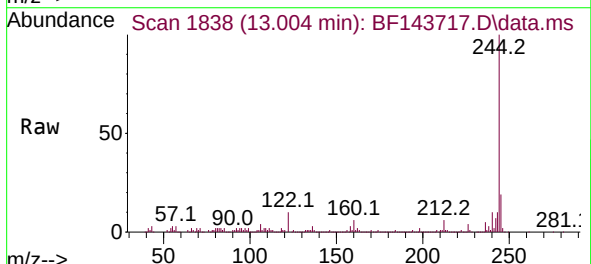
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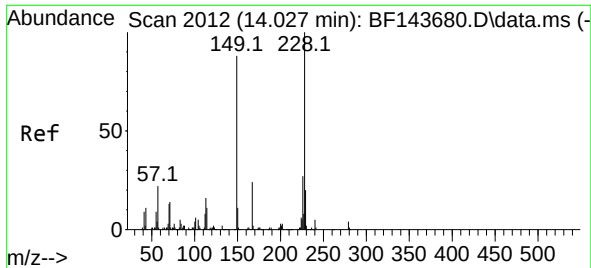


#79  
Terphenyl-d14  
Concen: 42.132 ng  
RT: 13.004 min Scan# 1838  
Delta R.T. 0.012 min  
Lab File: BF143717.D  
Acq: 11 Sep 2025 20:27

Tgt Ion:244 Resp: 234600  
Ion Ratio Lower Upper  
244 100  
212 6.1 5.0 7.6  
122 10.3 7.9 11.9







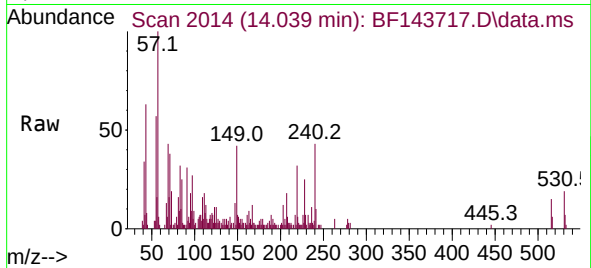
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.145 ng  
RT: 14.039 min Scan# 2012  
Delta R.T. 0.012 min  
Lab File: BF143717.D  
Acq: 11 Sep 2025 20:27

Instrument :

BNA\_F

ClientSampleId :

MOO-25-0259



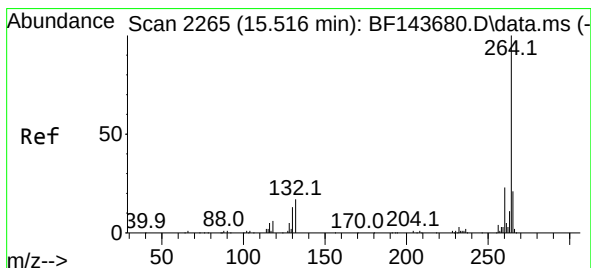
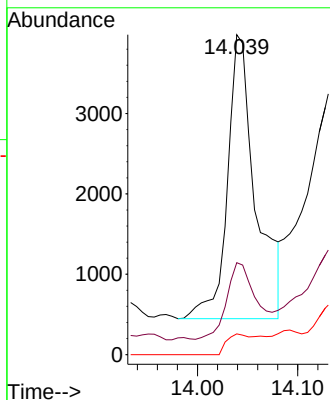
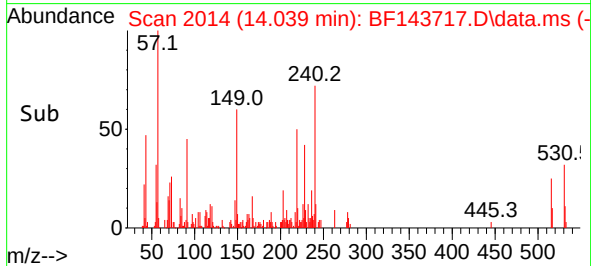
Tgt Ion:149 Resp: 6918  
Ion Ratio Lower Upper  
149 100  
167 28.8 22.2 33.2  
279 6.5 3.5 5.3

Manual Integrations

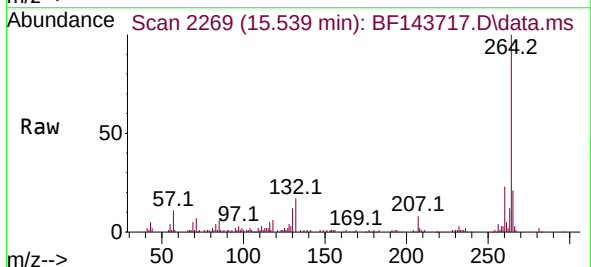
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Reviewed By :Rahul Chavli 09/12/2025

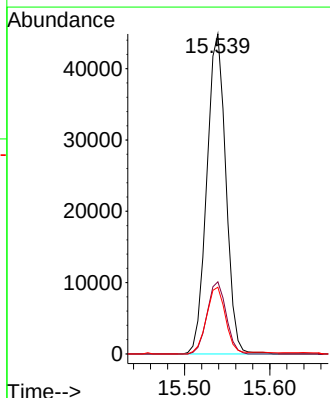
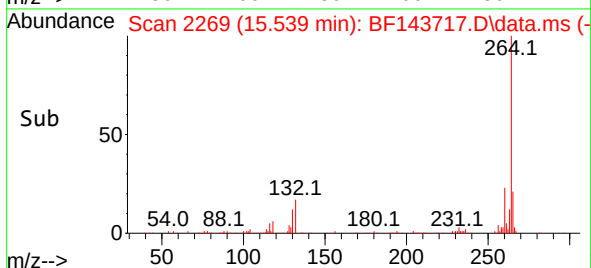
Supervised By :Jagrut Upadhyay 09/12/2025

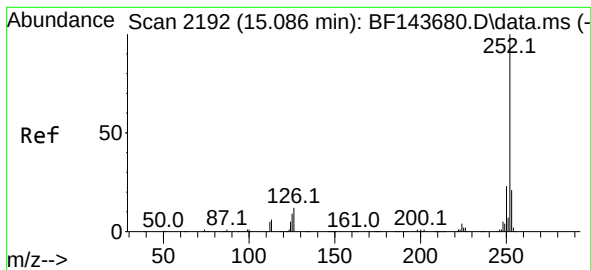


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. 0.024 min  
Lab File: BF143717.D  
Acq: 11 Sep 2025 20:27



Tgt Ion:264 Resp: 69569  
Ion Ratio Lower Upper  
264 100  
260 22.5 18.4 27.6  
265 20.9 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 2.657 ng m

RT: 15.104 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143717.D

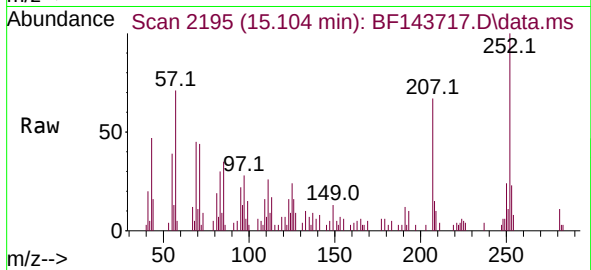
Acq: 11 Sep 2025 20:27

Instrument :

BNA\_F

ClientSampleId :

MOO-25-0259



Tgt Ion:252 Resp: 11003

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

125 23.8 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025

