

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061623\  
 Data File : BN025894.D  
 Acq On : 17 Jun 2023 01:11  
 Operator : MA/JU  
 Sample : 03310-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-RW11-GW-898-900

Quant Time: Jun 17 02:37:10 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN053123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 16 14:10:48 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023  
 Supervised By :mohammad ahmed 06/20/2023

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.005  | 152  | 4390     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.814 | 136  | 12179    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.630 | 164  | 7166     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.381 | 188  | 14050    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.551 | 240  | 11318    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.016 | 264  | 12006    | 0.400 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.571  | 112  | 251      | 0.020 | ng    | 0.03     |
| 5) Phenol-d6                  | 7.196  | 99   | 221      | 0.015 | ng    | 0.04     |
| 8) Nitrobenzene-d5            | 9.202  | 82   | 600m     | 0.053 | ng    | 0.03     |
| 11) 2-Methylnaphthalene-d10   | 12.408 | 152  | 1734     | 0.099 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol      | 16.139 | 330  | 100      | 0.045 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.261 | 172  | 2182     | 0.072 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.411 | 212  | 1431     | 0.050 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.992 | 244  | 1004     | 0.037 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.390  | 88   | 205      | 0.040 | ng    | # 13     |
| 34) Bis(2-ethylhexyl)phtha... | 21.444 | 149  | 10997    | 0.423 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

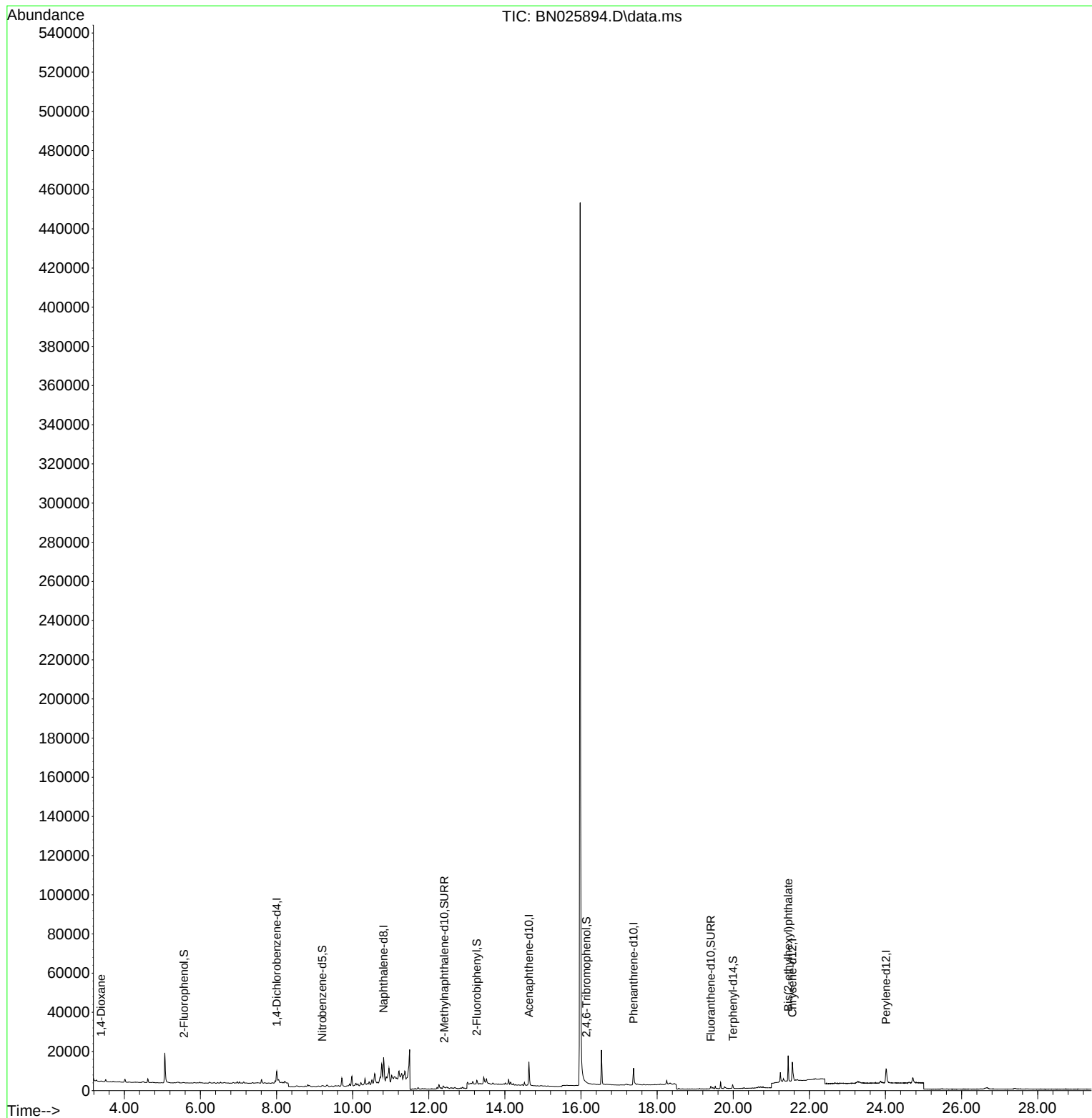
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061623\  
Data File : BN025894.D  
Acq On : 17 Jun 2023 01:11  
Operator : MA/JU  
Sample : 03310-04  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_N  
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BP-VPB-RW11-GW-898-900

Quant Time: Jun 17 02:37:10 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN053123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 16 14:10:48 2023  
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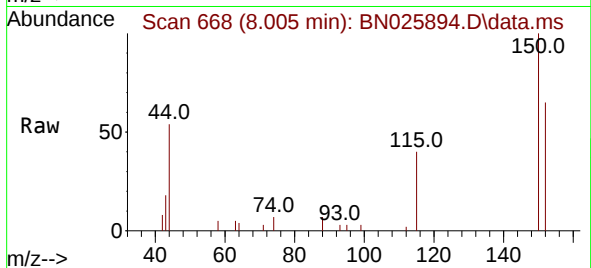
Reviewed By :Yogesh Patel 06/19/2023  
Supervised By :mohammad ahmed 06/20/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.005 min Scan# 669  
Delta R.T. 0.007 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

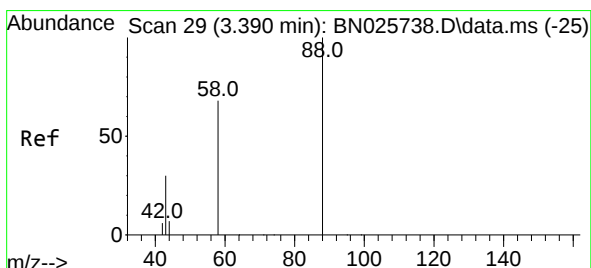
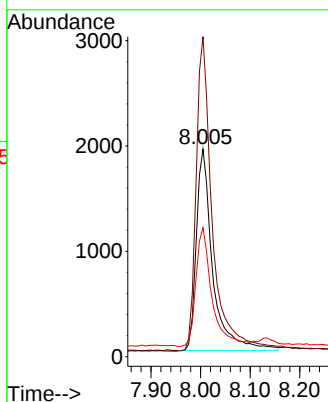
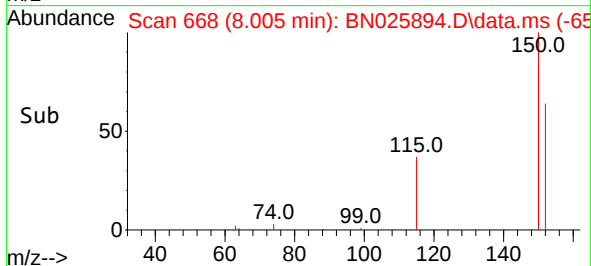
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-898-900



Tgt Ion:152 Resp: 4390  
Ion Ratio Lower Upper  
152 100  
150 154.2 121.5 182.3  
115 62.2 47.7 71.5

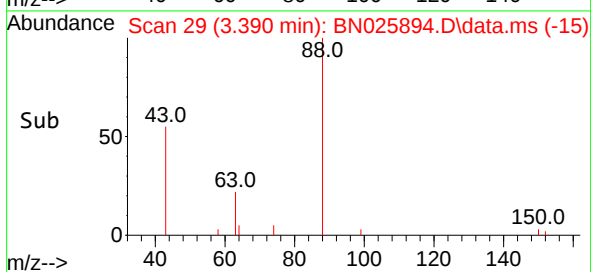
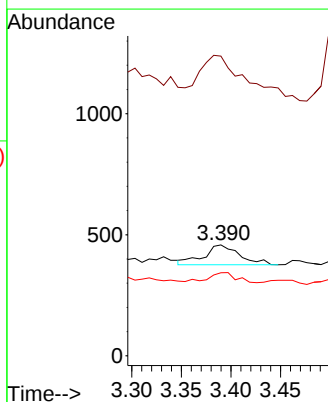
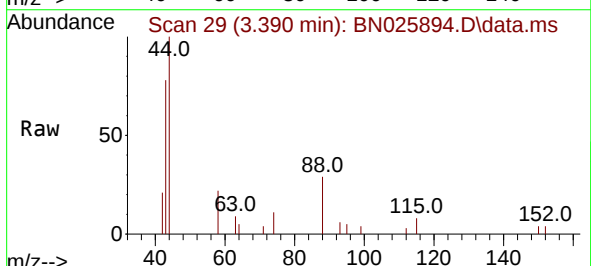
Manual Integrations  
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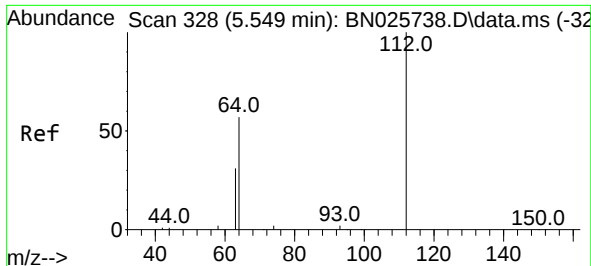
Reviewed By :Yogesh Patel 06/19/2023  
Supervised By :mohammad ahmed 06/20/2023



#2  
1,4-Dioxane  
Concen: 0.040 ng  
RT: 3.390 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

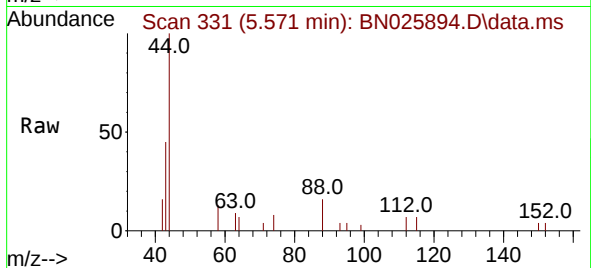
Tgt Ion: 88 Resp: 205  
Ion Ratio Lower Upper  
88 100  
43 144.9 31.0 46.4#  
58 39.0 57.3 85.9#





#4  
2-Fluorophenol  
Concen: 0.020 ng  
RT: 5.571 min Scan# 31  
Delta R.T. 0.029 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

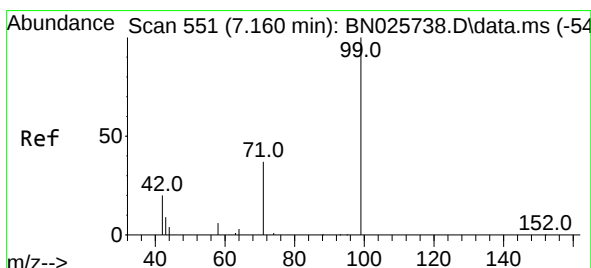
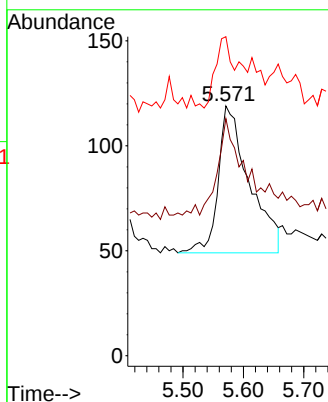
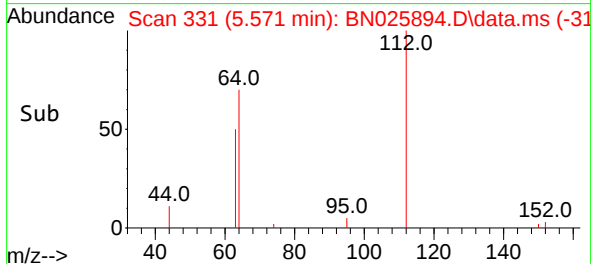
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-898-900



Tgt Ion: 112 Resp: 25  
Ion Ratio Lower Upper  
112 100  
64 55.4 47.5 71.3  
63 25.5 26.2 39.4

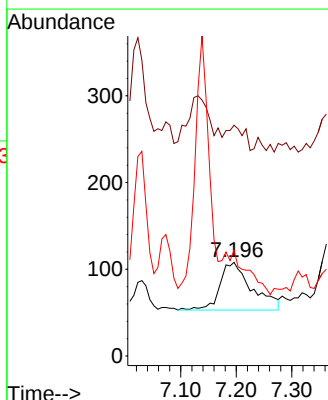
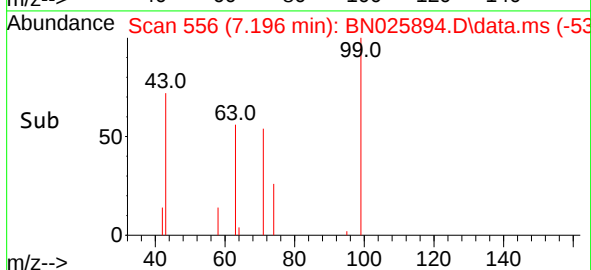
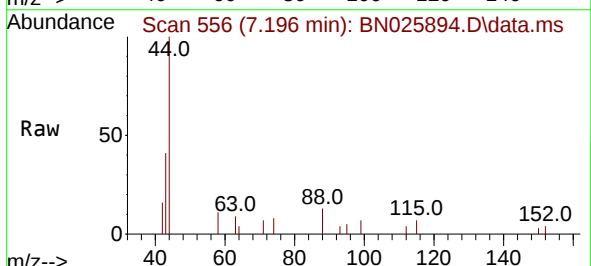
Manual Integrations  
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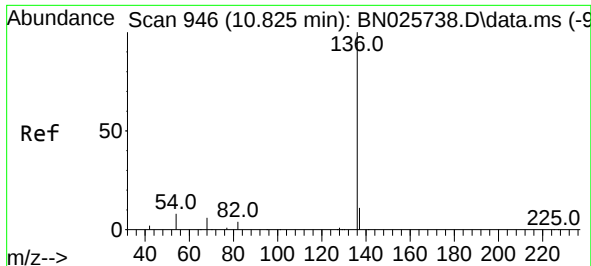
Reviewed By :Yogesh Patel 06/19/2023  
Supervised By :mohammad ahmed 06/20/2023



#5  
Phenol-d6  
Concen: 0.015 ng  
RT: 7.196 min Scan# 556  
Delta R.T. 0.043 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

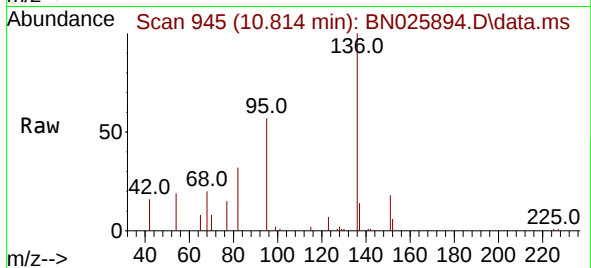
Tgt Ion: 99 Resp: 221  
Ion Ratio Lower Upper  
99 100  
42 25.8 18.6 28.0  
71 0.0 30.5 45.7





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.814 min Scan# 946  
Delta R.T. -0.000 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

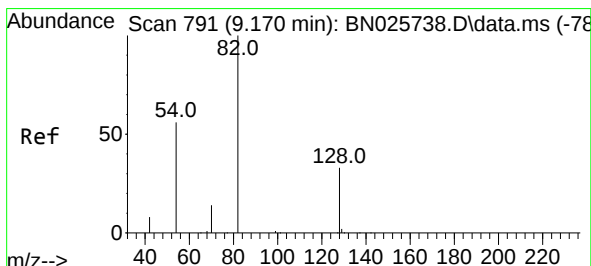
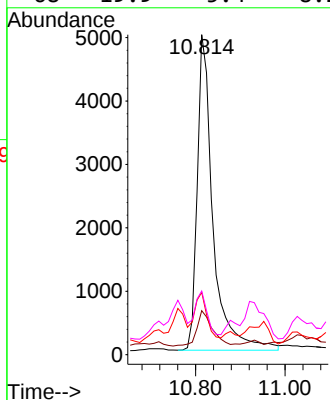
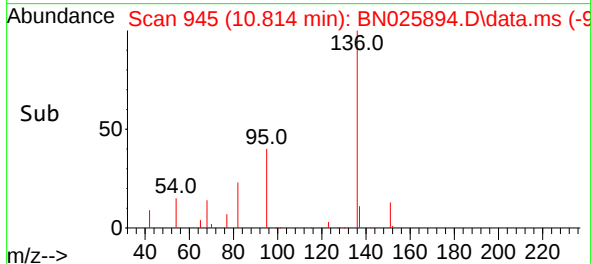
Instrument : BNA\_N  
ClientSampleId : BP-VPB-RW11-GW-898-900



Tgt Ion: 136 Resp: 12179  
Ion Ratio Lower Upper  
136 100  
137 13.8 9.3 13.9  
54 19.5 7.2 10.8  
68 19.9 5.4 8.2

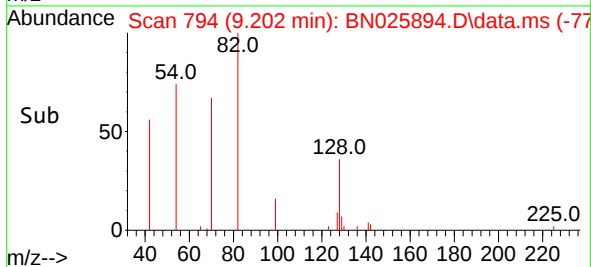
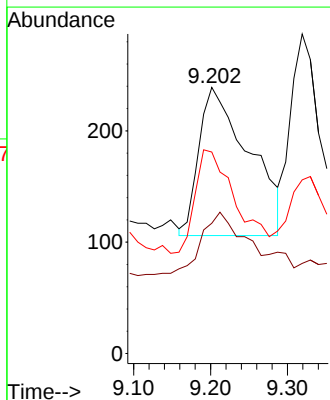
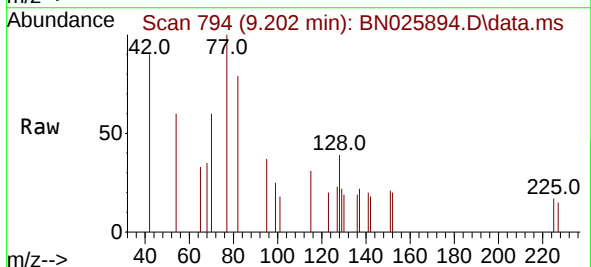
Manual Integrations  
APPROVED

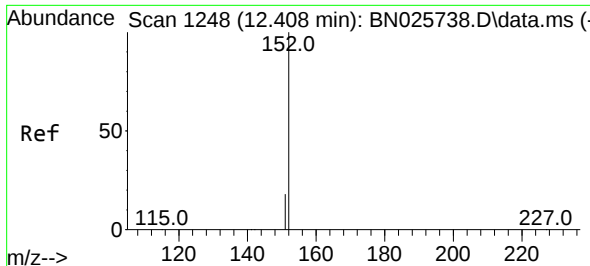
Reviewed By :Yogesh Patel 06/19/2023  
Supervised By :mohammad ahmed 06/20/2023



#8  
Nitrobenzene-d5  
Concen: 0.053 ng m  
RT: 9.202 min Scan# 794  
Delta R.T. 0.032 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

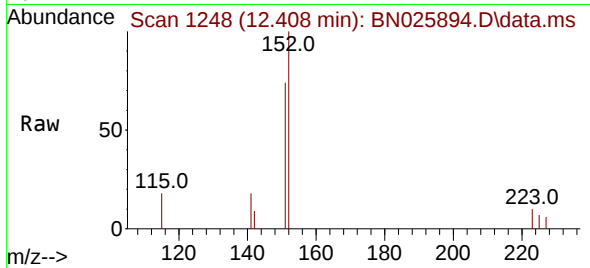
Tgt Ion: 82 Resp: 600  
Ion Ratio Lower Upper  
82 100  
128 49.0 27.6 41.4#  
54 75.7 45.7 68.5#





#11  
2-Methylnaphthalene-d10  
Concen: 0.099 ng  
RT: 12.408 min Scan# 11  
Delta R.T. 0.011 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

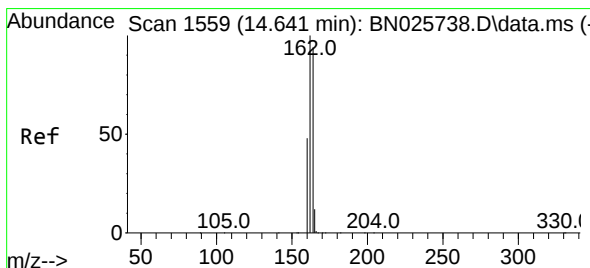
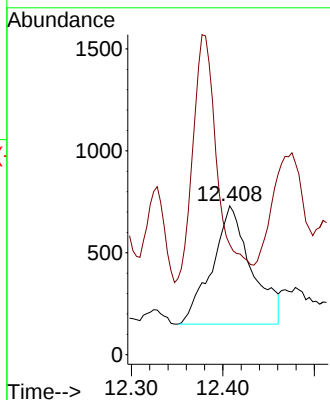
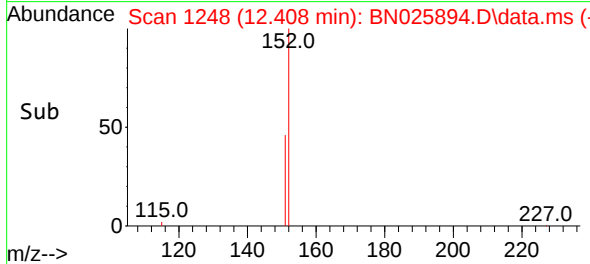
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-898-900



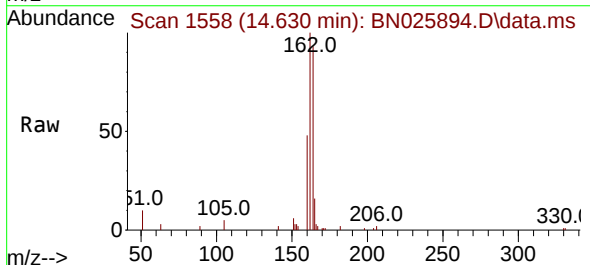
Tgt Ion:152 Resp: 1734  
Ion Ratio Lower Upper  
152 100  
151 0.0 16.4 24.6

Manual Integrations  
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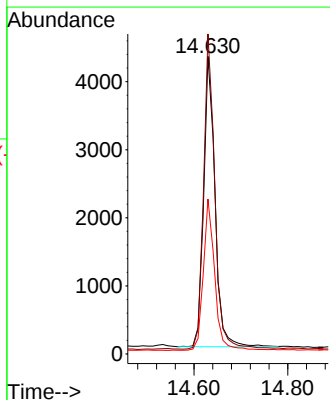
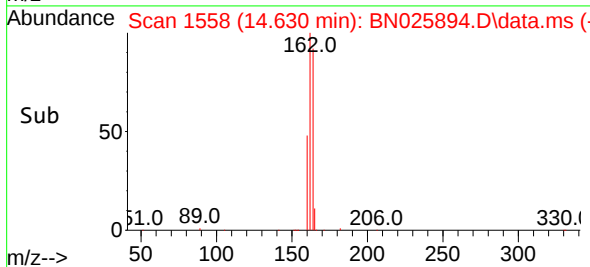
Reviewed By :Yogesh Patel 06/19/2023  
Supervised By :mohammad ahmed 06/20/2023

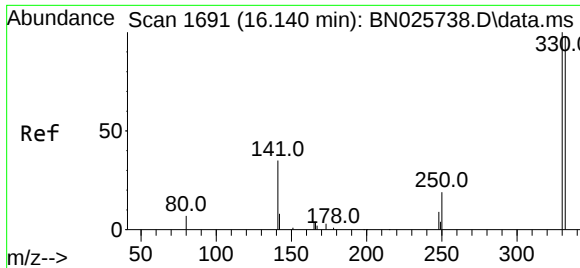


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.630 min Scan# 1558  
Delta R.T. -0.000 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11



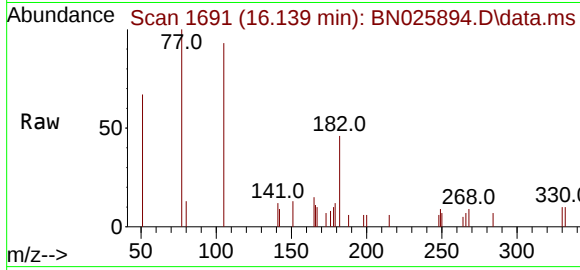
Tgt Ion:164 Resp: 7166  
Ion Ratio Lower Upper  
164 100  
162 107.5 85.0 127.6  
160 52.0 41.1 61.7





#14  
2,4,6-Tribromophenol  
Concen: 0.045 ng  
RT: 16.139 min Scan# 1691  
Delta R.T. 0.012 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

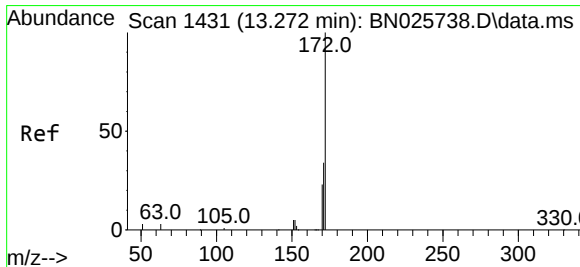
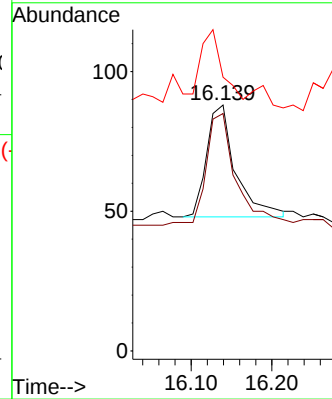
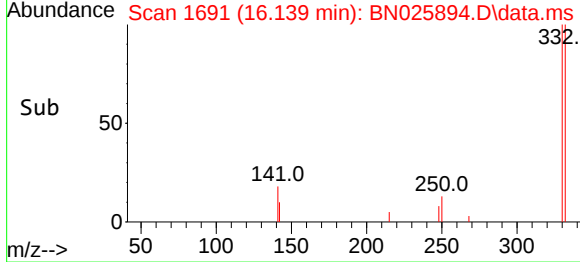
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-898-900



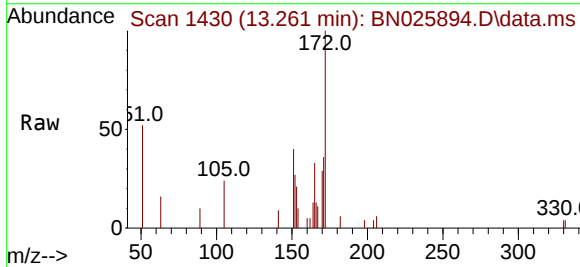
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Ion Ratio Lower Upper  
330 100  
332 104.0 77.3 115.9  
141 59.0 55.0 82.6

Manual Integrations  
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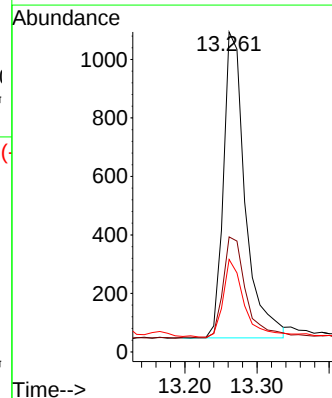
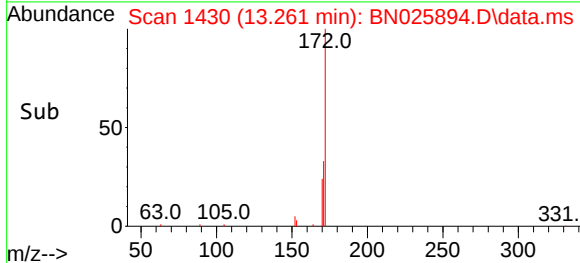
Reviewed By : Yogesh Patel 06/19/2023  
Supervised By : mohammad ahmed 06/20/2023

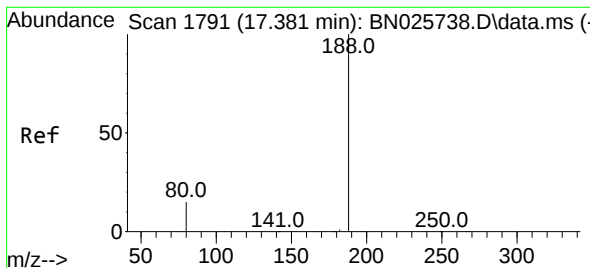


#15  
2-Fluorobiphenyl  
Concen: 0.072 ng  
RT: 13.261 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11



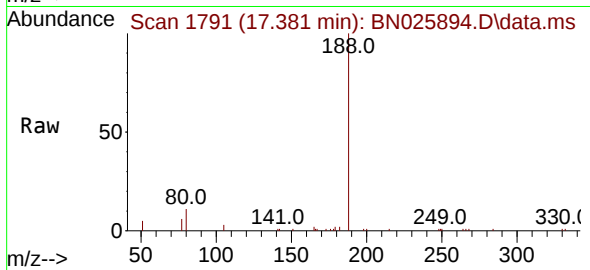
Tgt Ion: 172 Resp: 2182  
Ion Ratio Lower Upper  
172 100  
171 35.9 27.3 40.9  
170 28.9 18.6 28.0#





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.381 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

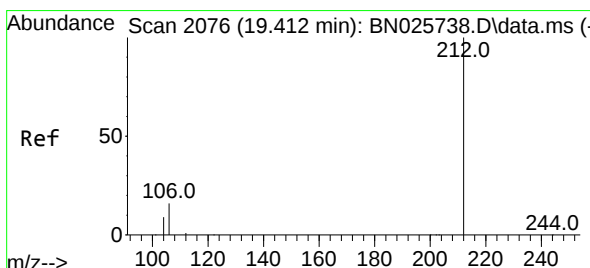
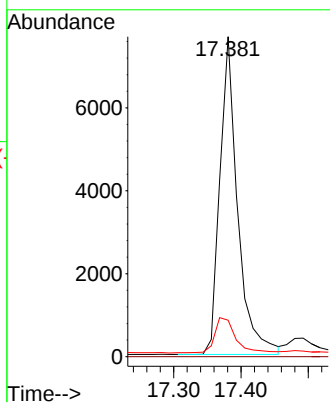
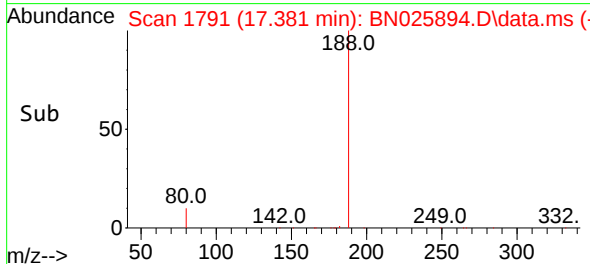
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-898-900



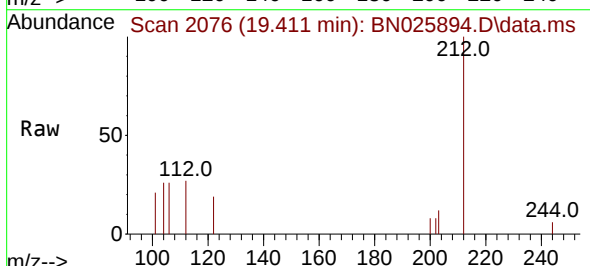
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188 100  
94 0.0 0.0 0.0  
80 11.4 12.1 18.1

Manual Integrations  
APPROVED

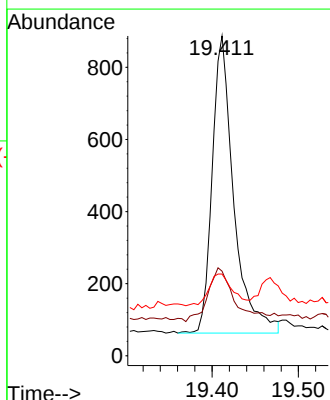
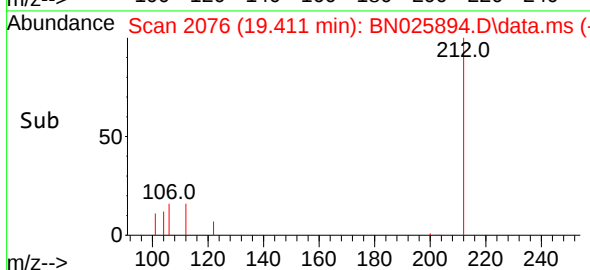
Reviewed By :Yogesh Patel 06/19/2023  
Supervised By :mohammad ahmed 06/20/2023

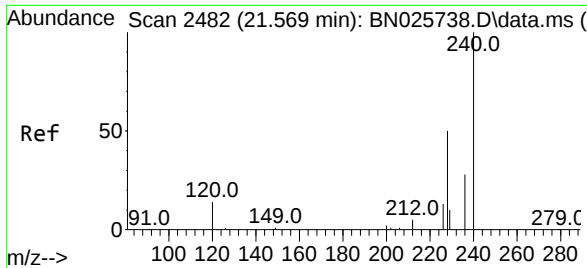


#27  
Fluoranthene-d10  
Concen: 0.050 ng  
RT: 19.411 min Scan# 2076  
Delta R.T. 0.004 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11



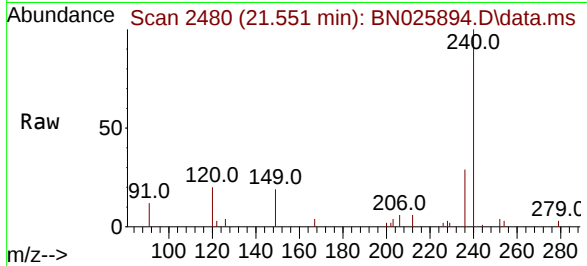
Tgt Ion:212 Resp: 1431  
Ion Ratio Lower Upper  
212 100  
106 22.4 13.0 19.6#  
104 12.0 7.7 11.5#





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.551 min Scan# 2480  
Delta R.T. -0.009 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

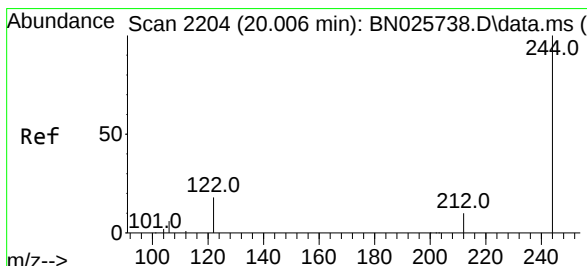
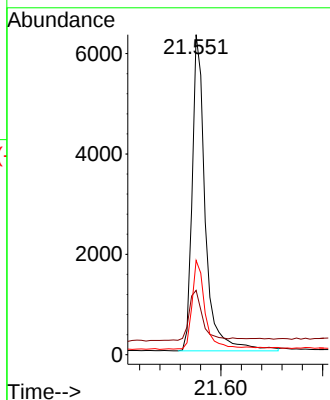
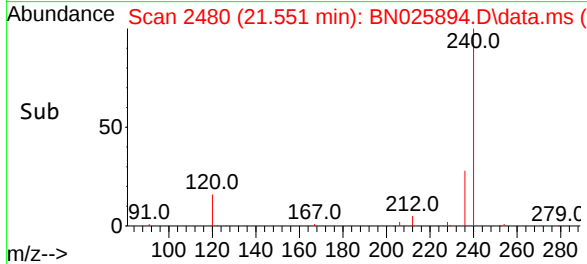
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-898-900



Tgt Ion:240 Resp: 11318  
Ion Ratio Lower Upper  
240 100  
120 20.1 13.2 19.8#  
236 29.4 23.1 34.7

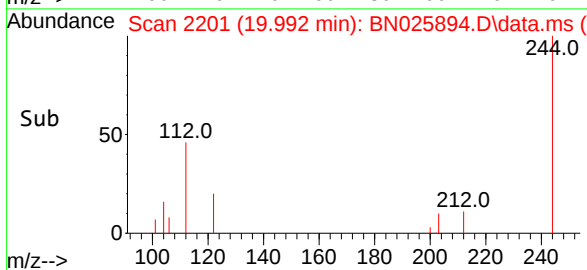
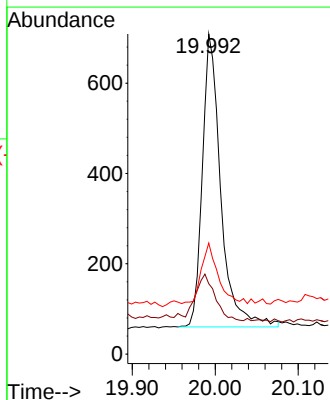
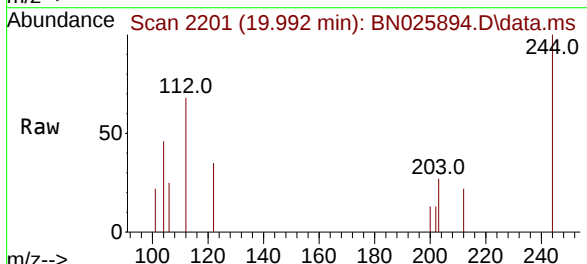
Manual Integrations  
APPROVED

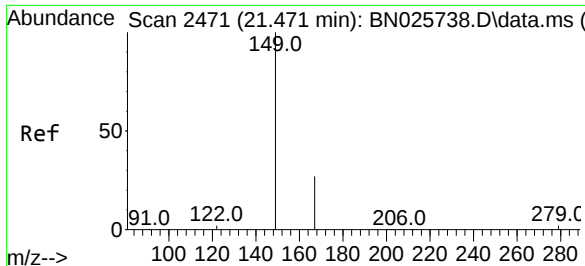
Reviewed By :Yogesh Patel 06/19/2023  
Supervised By :mohammad ahmed 06/20/2023



#31  
Terphenyl-d14  
Concen: 0.037 ng  
RT: 19.992 min Scan# 2201  
Delta R.T. -0.005 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

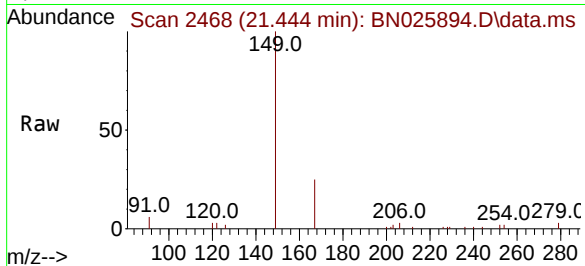
Tgt Ion:244 Resp: 1004  
Ion Ratio Lower Upper  
244 100  
212 22.0 8.6 12.8#  
122 34.7 15.2 22.8#





#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.423 ng  
RT: 21.444 min Scan# 2471  
Delta R.T. -0.009 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

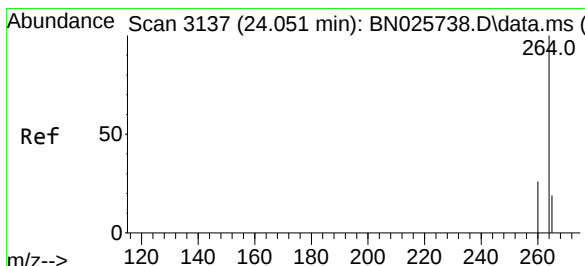
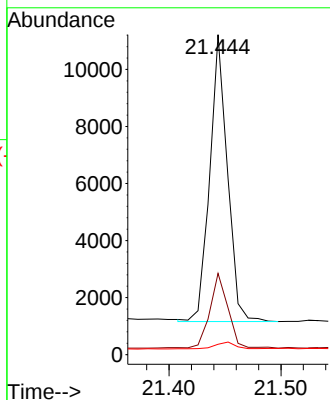
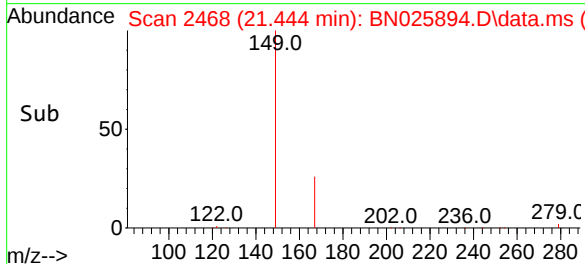
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-RW11-GW-898-900



Tgt Ion:149 Resp: 1099  
Ion Ratio Lower Upper  
149 100  
167 26.7 21.0 31.6  
279 2.9 2.2 3.4

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/19/2023  
Supervised By :mohammad ahmed 06/20/2023



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.016 min Scan# 3125  
Delta R.T. -0.024 min  
Lab File: BN025894.D  
Acq: 17 Jun 2023 01:11

Tgt Ion:264 Resp: 12006  
Ion Ratio Lower Upper  
264 100  
260 27.0 21.4 32.2  
265 58.6 44.7 67.1

