

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081622\  
 Data File : BN021259.D  
 Acq On : 16 Aug 2022 17:19  
 Operator : CG/JU  
 Sample : N4043-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PW-B6-L10-M-080322

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 08/17/2022  
 Supervised By : Jagrut Upadhyay 08/17/2022

Quant Time: Aug 17 05:13:33 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN081622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 09:19:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.790  | 152  | 2530     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.592 | 136  | 9499     | 0.400 | ng    | 0.01     |
| 13) Acenaphthene-d10          | 14.429 | 164  | 5687     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.192 | 188  | 11037    | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.395 | 240  | 8412     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.728 | 264  | 6066     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.393  | 112  | 781      | 0.124 | ng    | 0.01     |
| 5) Phenol-d6                  | 7.047  | 99   | 290      | 0.039 | ng    | 0.06     |
| 8) Nitrobenzene-d5            | 8.980  | 82   | 1532     | 0.305 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 12.191 | 152  | 5399     | 0.326 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.951 | 330  | 367      | 0.197 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.060 | 172  | 7027     | 0.311 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.227 | 212  | 12862    | 0.429 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.830 | 244  | 9440     | 0.412 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 12) 2-Methylnaphthalene       | 12.270 | 142  | 422      | 0.022 | ng    | # 87     |
| 34) Bis(2-ethylhexyl)phtha... | 21.305 | 149  | 3346     | 0.179 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

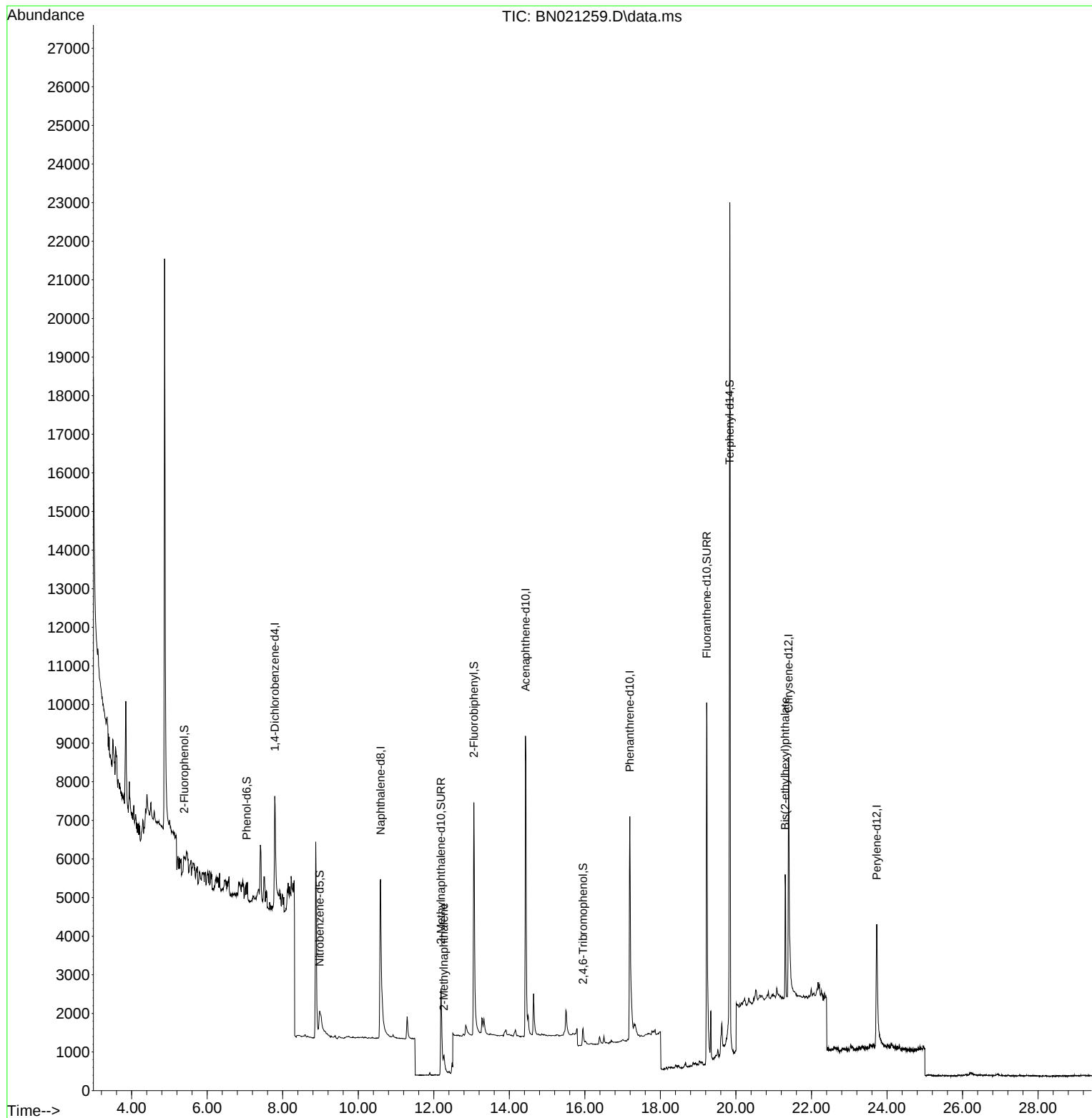
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081622\  
Data File : BN021259.D  
Acq On : 16 Aug 2022 17:19  
Operator : CG/JU  
Sample : N4043-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-M-080322

Quant Time: Aug 17 05:13:33 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN081622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 16 09:19:59 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

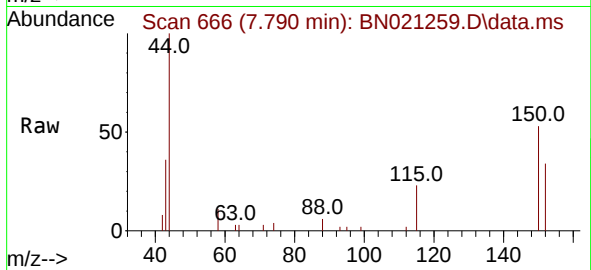
Reviewed By :Christian Giraldo 08/17/2022  
Supervised By :Jagrut Upadhyay 08/17/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.790 min Scan# 665  
Delta R.T. 0.007 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

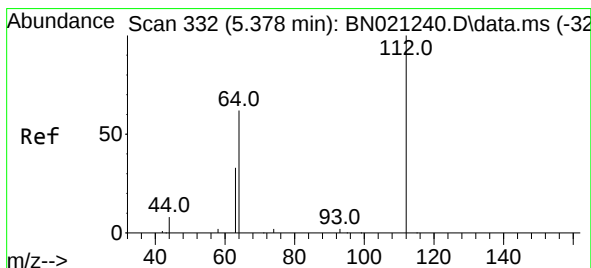
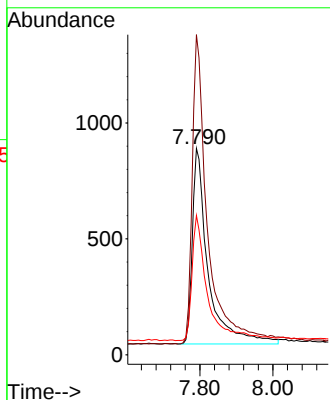
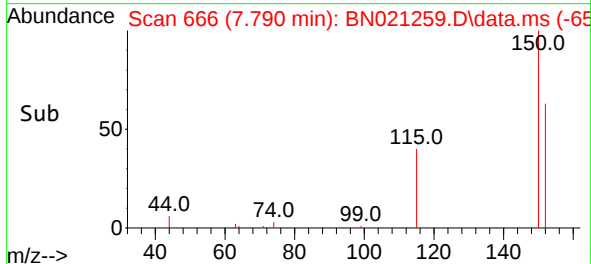
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-M-080322



Tgt Ion:152 Resp: 2530  
Ion Ratio Lower Upper  
152 100  
150 155.2 123.1 184.7  
115 67.5 52.2 78.4

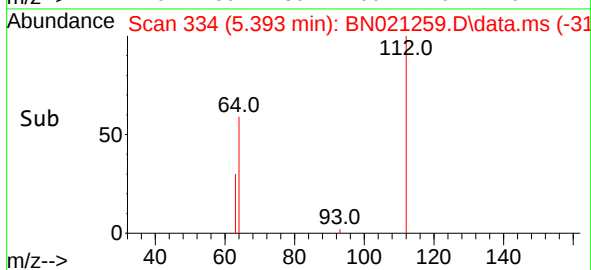
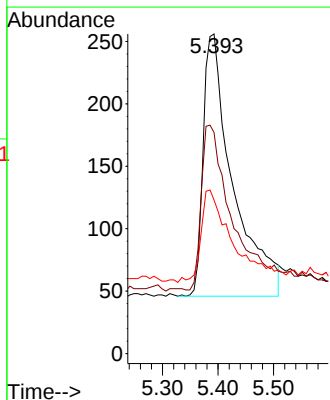
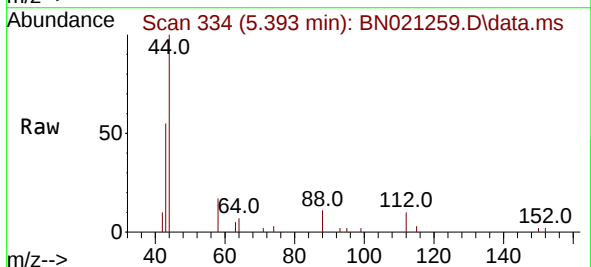
Manual Integrations  
APPROVED

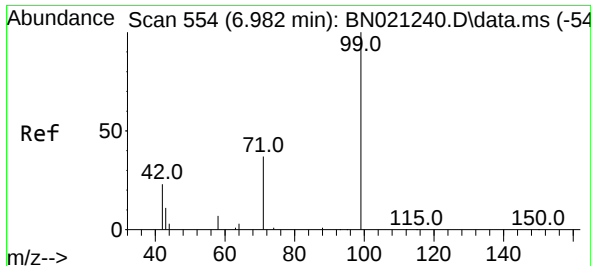
Reviewed By :Christian Giraldo 08/17/2022  
Supervised By :Jagrut Upadhyay 08/17/2022



#4  
2-Fluorophenol  
Concen: 0.124 ng  
RT: 5.393 min Scan# 334  
Delta R.T. 0.014 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

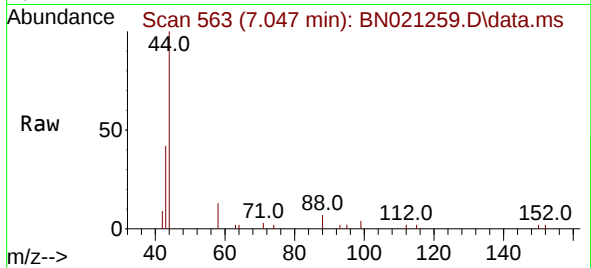
Tgt Ion:112 Resp: 781  
Ion Ratio Lower Upper  
112 100  
64 65.8 52.0 78.0  
63 37.1 27.5 41.3





#5  
Phenol-d6  
Concen: 0.039 ng  
RT: 7.047 min Scan# 50  
Delta R.T. 0.065 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

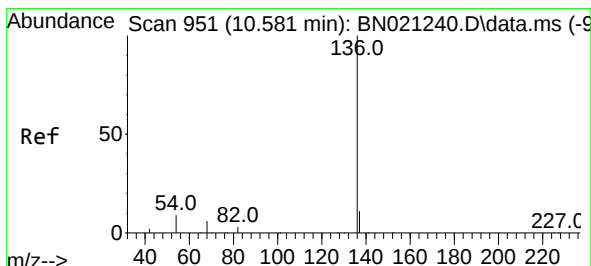
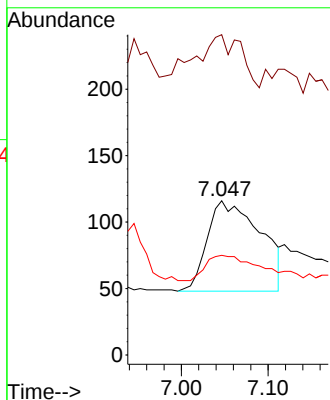
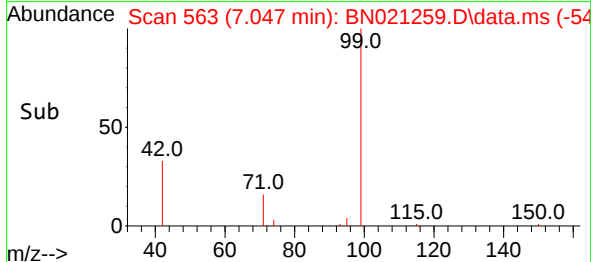
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-M-080322



Tgt Ion: 99 Resp: 290  
Ion Ratio Lower Upper  
99 100  
42 51.4 19.1 28.7  
71 26.2 28.9 43.3

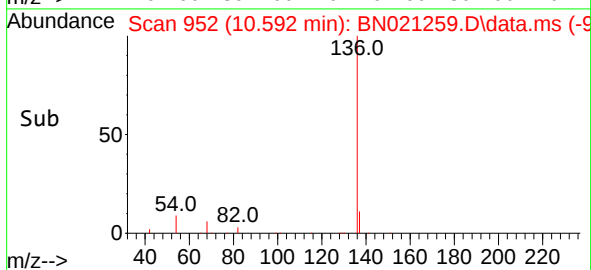
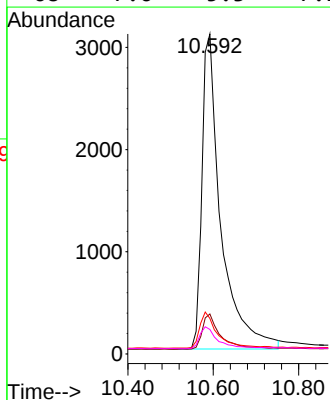
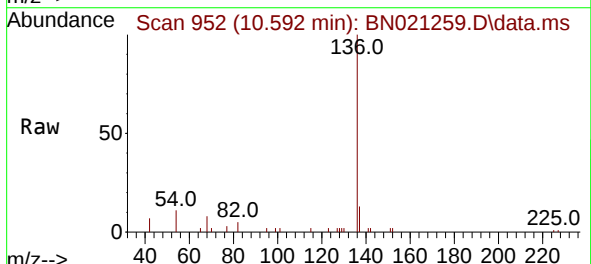
Manual Integrations  
APPROVED

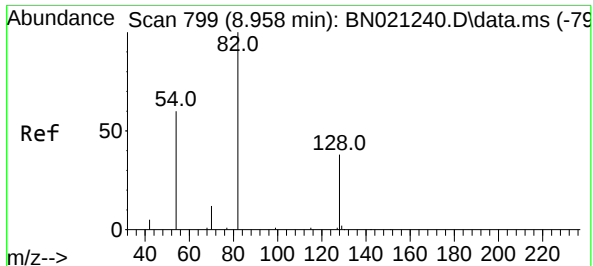
Reviewed By :Christian Giraldo 08/17/2022  
Supervised By :Jagrut Upadhyay 08/17/2022



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.592 min Scan# 952  
Delta R.T. 0.011 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

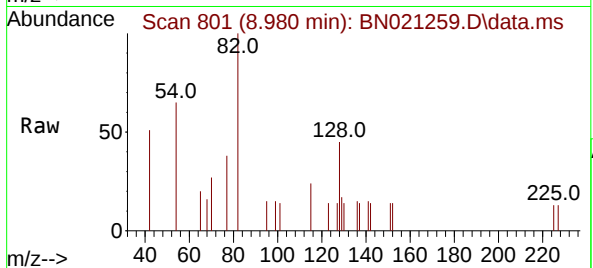
Tgt Ion:136 Resp: 9499  
Ion Ratio Lower Upper  
136 100  
137 12.5 9.6 14.4  
54 11.1 8.2 12.2  
68 7.6 5.3 7.9





#8  
Nitrobenzene-d5  
Concen: 0.305 ng  
RT: 8.980 min Scan# 801  
Delta R.T. 0.022 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

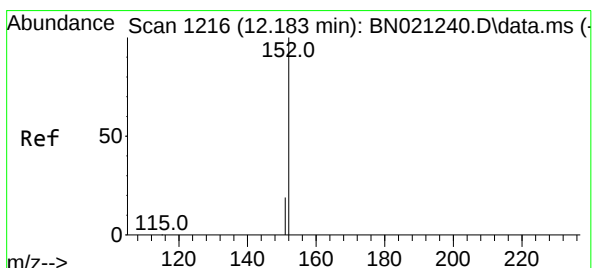
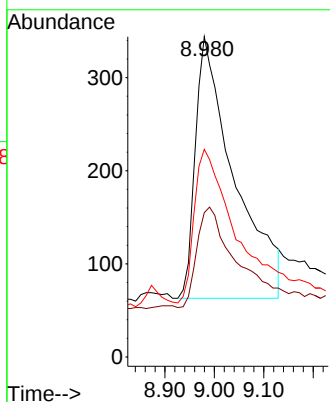
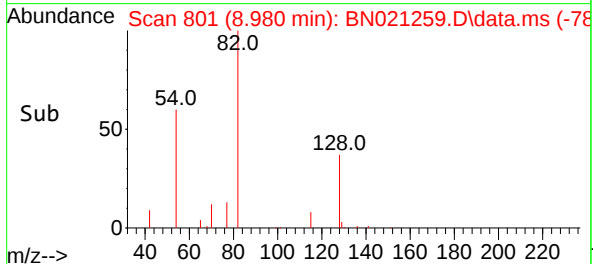
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-M-080322



Tgt Ion: 82 Resp: 153  
Ion Ratio Lower Upper  
82 100  
128 45.1 33.6 50.4  
54 64.8 50.2 75.2

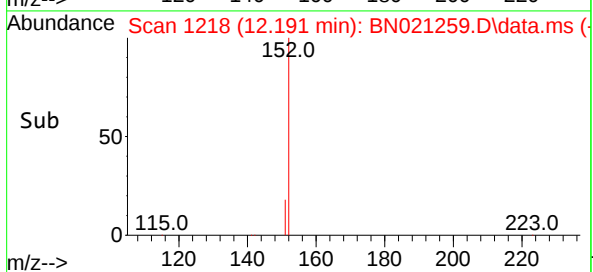
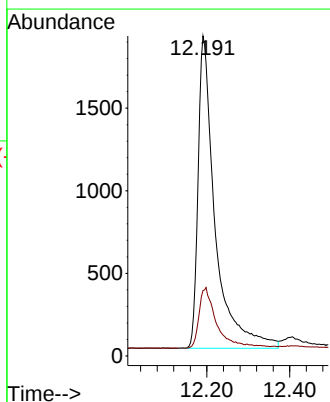
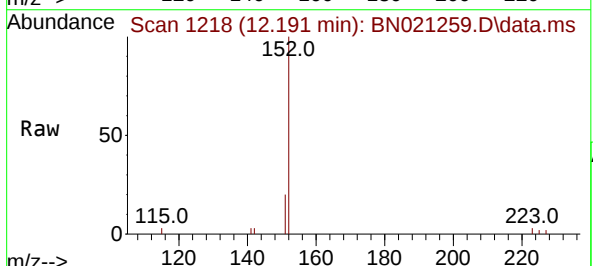
Manual Integrations  
APPROVED

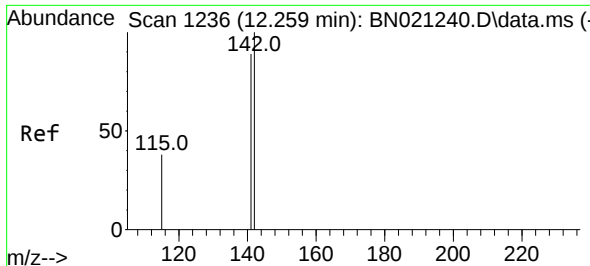
Reviewed By :Christian Giraldo 08/17/2022  
Supervised By :Jagrut Upadhyay 08/17/2022



#11  
2-Methylnaphthalene-d10  
Concen: 0.326 ng  
RT: 12.191 min Scan# 1218  
Delta R.T. 0.008 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

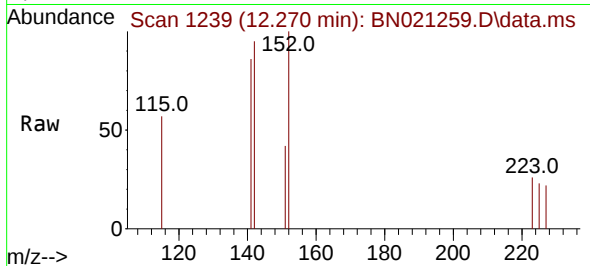
Tgt Ion:152 Resp: 5399  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.8 23.8





#12  
2-Methylnaphthalene  
Concen: 0.022 ng  
RT: 12.270 min Scan# 1239  
Delta R.T. 0.011 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

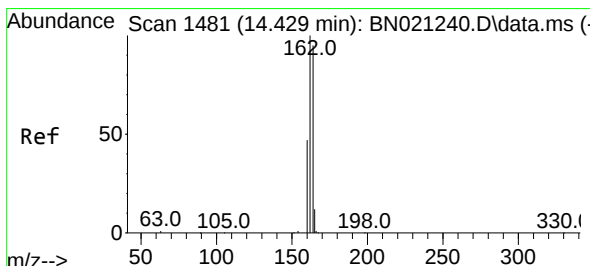
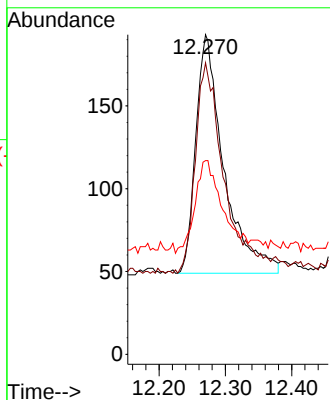
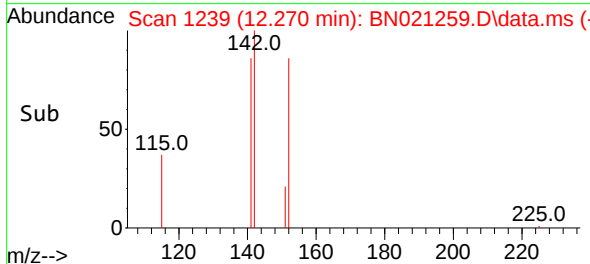
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-M-080322



Tgt Ion:142 Resp: 42  
Ion Ratio Lower Upper  
142 100  
141 91.2 71.0 106.6  
115 60.6 31.3 46.9

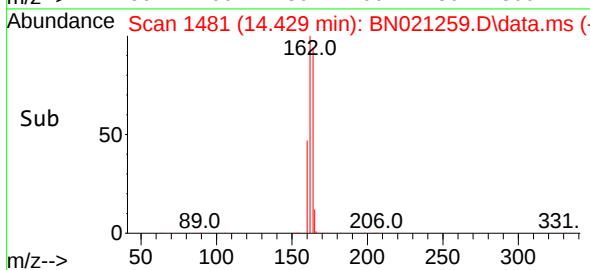
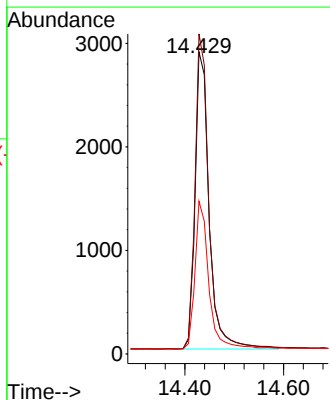
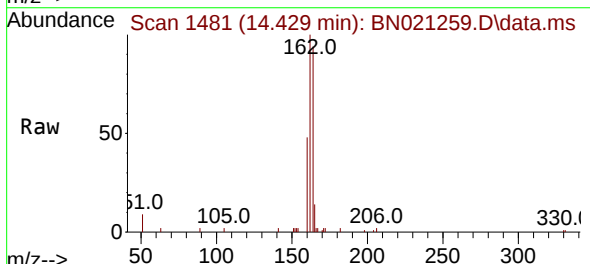
Manual Integrations  
APPROVED

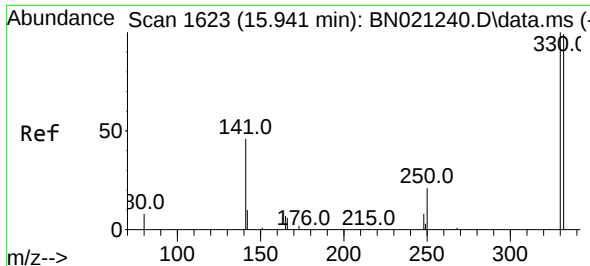
Reviewed By :Christian Giraldo 08/17/2022  
Supervised By :Jagrut Upadhyay 08/17/2022



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.429 min Scan# 1481  
Delta R.T. -0.000 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

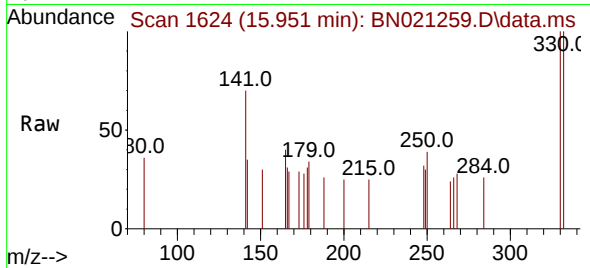
Tgt Ion:164 Resp: 5687  
Ion Ratio Lower Upper  
164 100  
162 105.9 83.8 125.6  
160 50.5 39.8 59.6





#14  
2,4,6-Tribromophenol  
Concen: 0.197 ng  
RT: 15.951 min Scan# 1624  
Delta R.T. 0.010 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

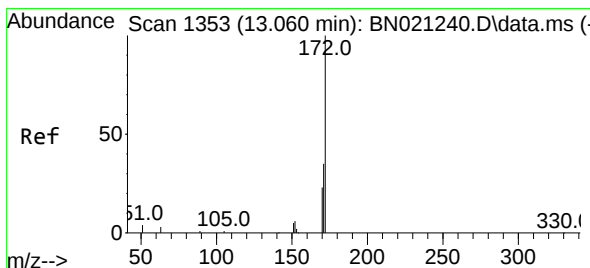
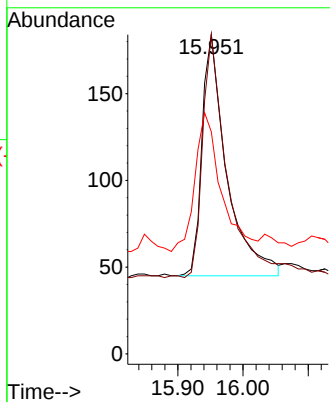
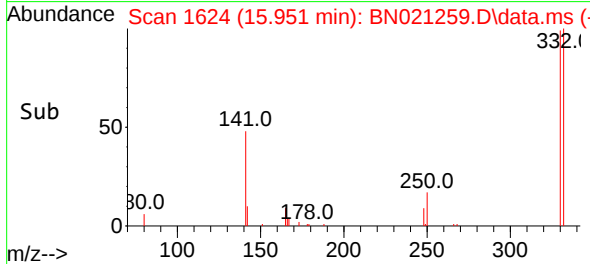
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-M-080322



Tgt Ion: 330 Resp: 361  
Ion Ratio Lower Upper  
330 100  
332 98.4 78.1 117.1  
141 61.0 45.4 68.0

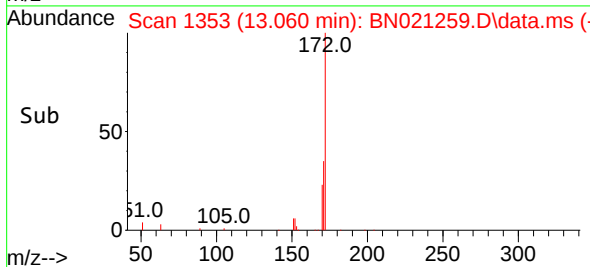
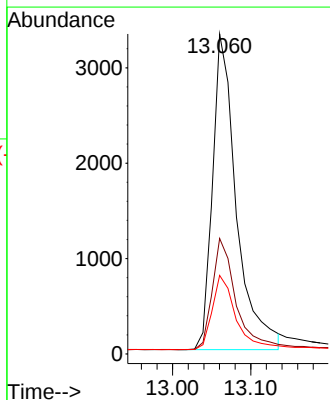
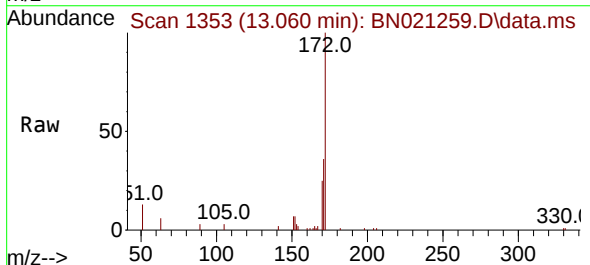
Manual Integrations  
APPROVED

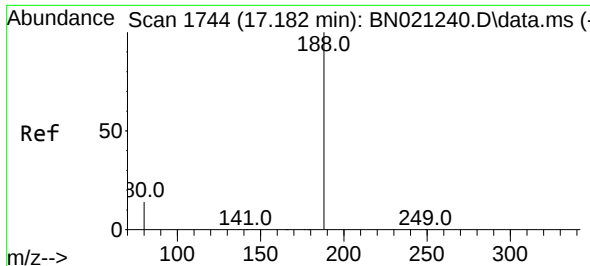
Reviewed By : Christian Giraldo 08/17/2022  
Supervised By : Jagrut Upadhyay 08/17/2022



#15  
2-Fluorobiphenyl  
Concen: 0.311 ng  
RT: 13.060 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

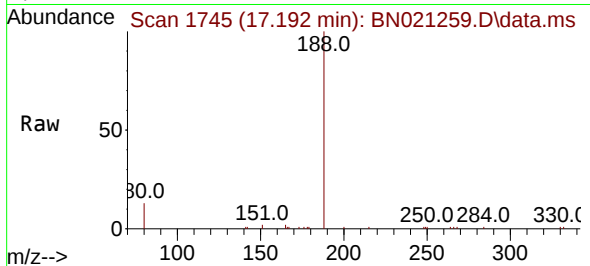
Tgt Ion: 172 Resp: 7027  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.4 42.6  
170 24.5 19.0 28.6





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.192 min Scan# 1103  
Delta R.T. 0.010 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

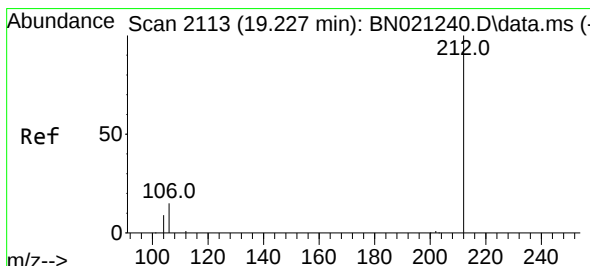
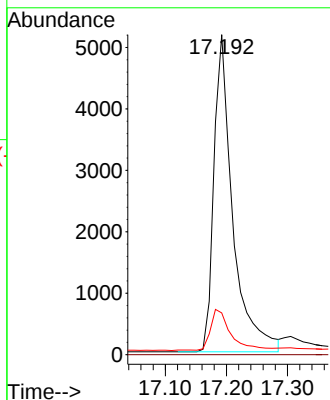
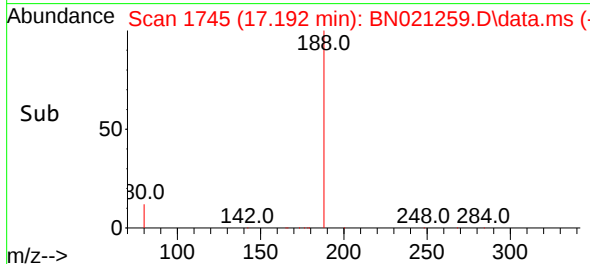
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-M-080322



Tgt Ion:188 Resp: 1103  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.1 11.8 17.6

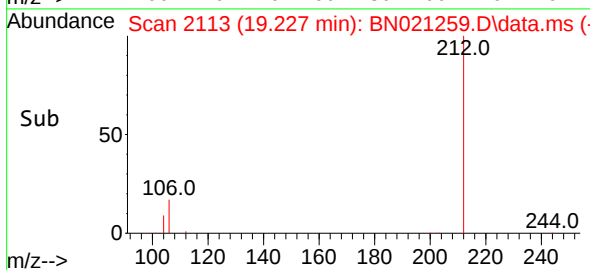
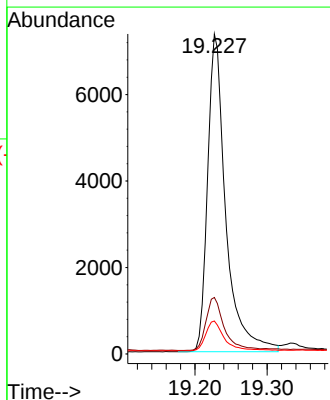
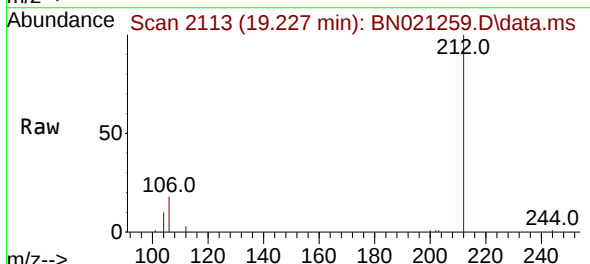
Manual Integrations  
APPROVED

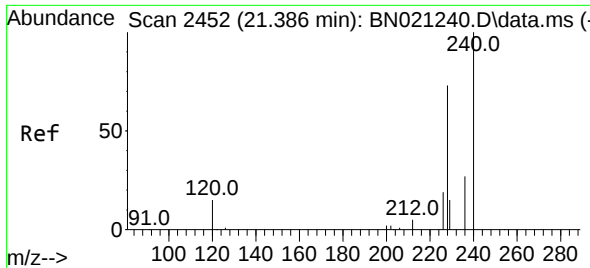
Reviewed By :Christian Giraldo 08/17/2022  
Supervised By :Jagrut Upadhyay 08/17/2022



#27  
Fluoranthene-d10  
Concen: 0.429 ng  
RT: 19.227 min Scan# 2113  
Delta R.T. -0.000 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

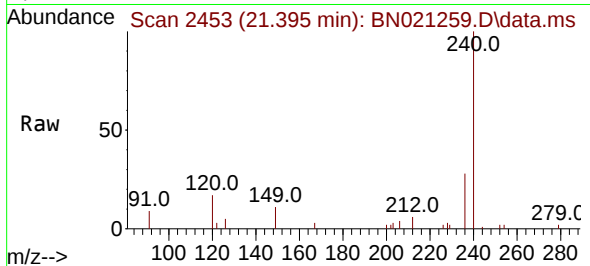
Tgt Ion:212 Resp: 12862  
Ion Ratio Lower Upper  
212 100  
106 17.1 12.6 18.8  
104 9.8 7.2 10.8





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.395 min Scan# 2452  
Delta R.T. 0.009 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

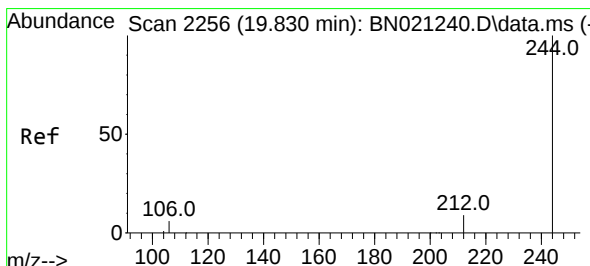
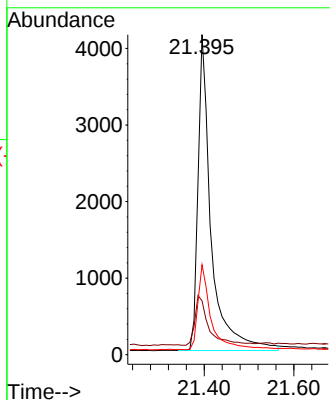
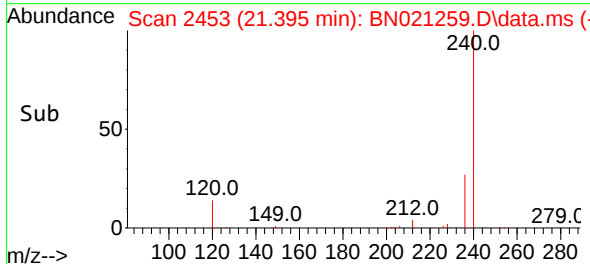
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-M-080322



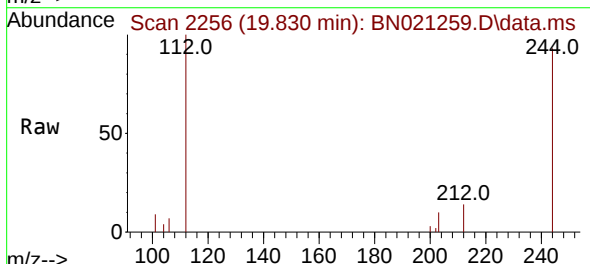
Tgt Ion:240 Resp: 8412  
Ion Ratio Lower Upper  
240 100  
120 16.8 13.4 20.2  
236 28.1 22.6 33.8

Manual Integrations  
APPROVED

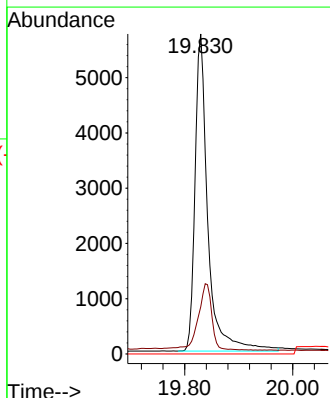
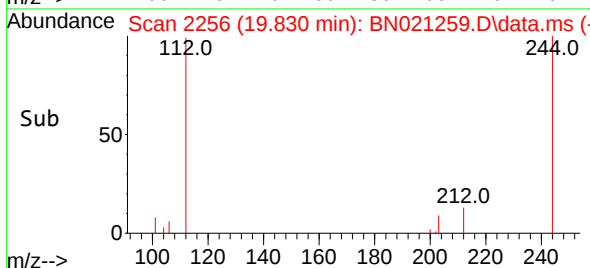
Reviewed By :Christian Giraldo 08/17/2022  
Supervised By :Jagrut Upadhyay 08/17/2022

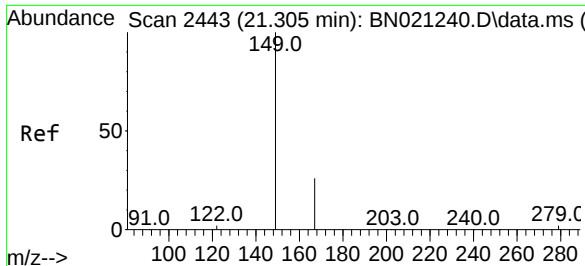


#31  
Terphenyl-d14  
Concen: 0.412 ng  
RT: 19.830 min Scan# 2256  
Delta R.T. -0.000 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19



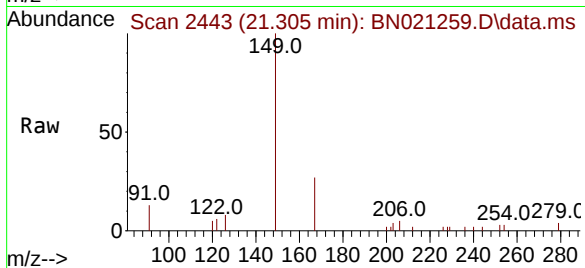
Tgt Ion:244 Resp: 9440  
Ion Ratio Lower Upper  
244 100  
212 14.8 8.3 12.5#  
122 0.0 0.0 0.0





#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.179 ng  
RT: 21.305 min Scan# 2443  
Delta R.T. -0.000 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

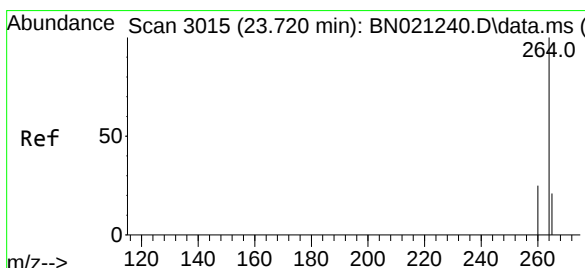
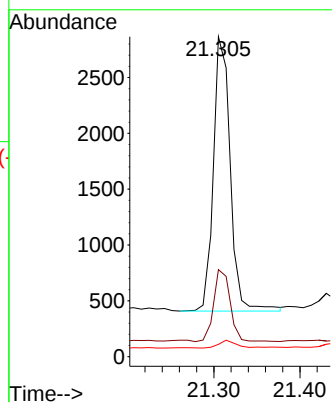
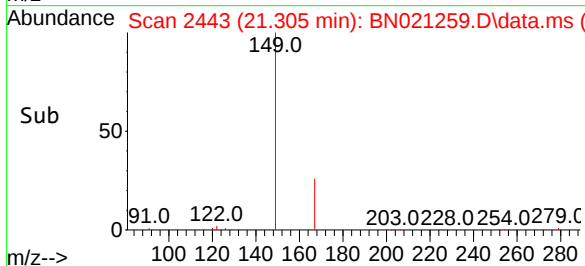
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-M-080322



Tgt Ion:149 Resp: 3340  
Ion Ratio Lower Upper  
149 100  
167 25.6 20.6 31.0  
279 3.0 2.4 3.6

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 08/17/2022  
Supervised By :Jagrut Upadhyay 08/17/2022



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.728 min Scan# 3018  
Delta R.T. 0.009 min  
Lab File: BN021259.D  
Acq: 16 Aug 2022 17:19

Tgt Ion:264 Resp: 6066  
Ion Ratio Lower Upper  
264 100  
260 26.8 21.4 32.2  
265 42.6 34.3 51.5

