

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033122\  
 Data File : BN019276.D  
 Acq On : 01 Apr 2022 05:43  
 Operator : CG/JU  
 Sample : N2172-10  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-13

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/01/2022  
 Supervised By : Jagrut Upadhyay 04/01/2022

Quant Time: Apr 01 06:29:09 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN033122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 31 12:41:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 4820     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 13452    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 8494     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.215 | 188  | 17126    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.404 | 240  | 13502    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.758 | 264  | 10906    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 1981     | 0.188 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.009  | 99   | 1087     | 0.097 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2180     | 0.226 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.231 | 152  | 7347     | 0.344 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.964 | 330  | 1377     | 0.346 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 10646    | 0.312 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.244 | 212  | 24190    | 0.470 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.839 | 244  | 13537    | 0.451 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 25) Phenanthrene              | 17.256 | 178  | 1877m    | 0.035 | ng    | Qvalue   |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 3658     | 0.129 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

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

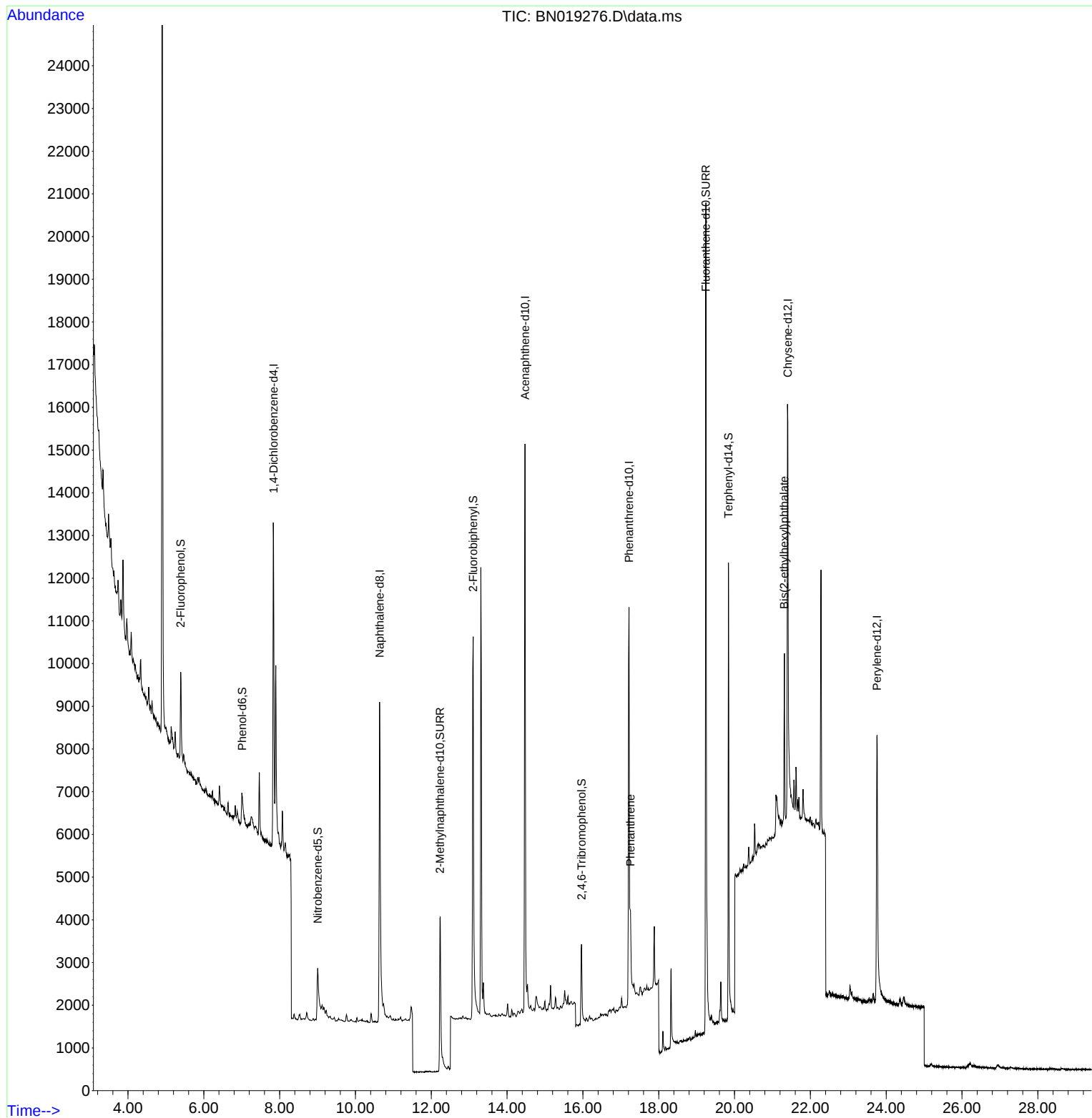
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033122\  
Data File : BN019276.D  
Acq On : 01 Apr 2022 05:43  
Operator : CG/JU  
Sample : N2172-10  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

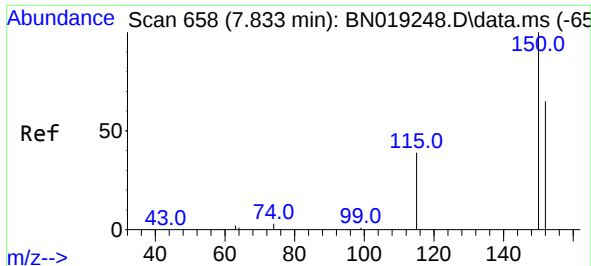
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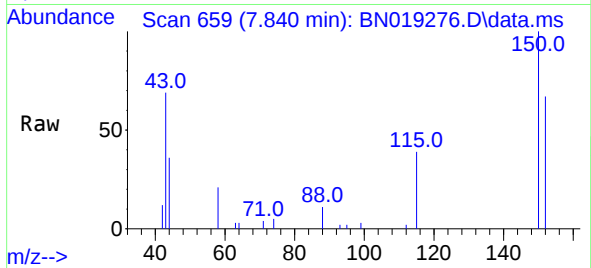
Quant Time: Apr 01 06:29:09 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN033122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 31 12:41:03 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.840 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43

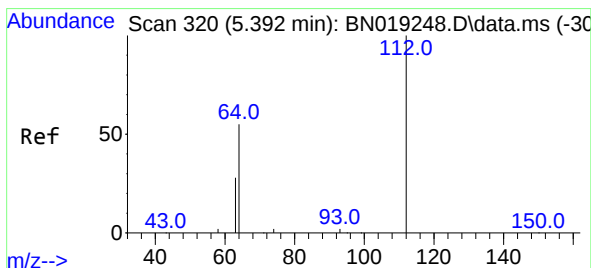
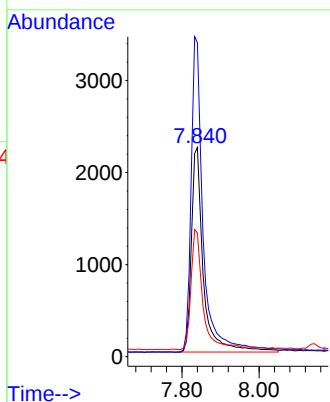
Instrument :  
BNA\_N  
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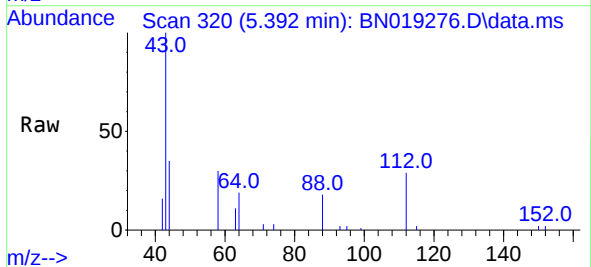
Tgt Ion:152 Resp: 4820  
Ion Ratio Lower Upper  
152 100  
150 150.1 123.9 185.9  
115 59.1 48.2 72.4

Manual Integrations  
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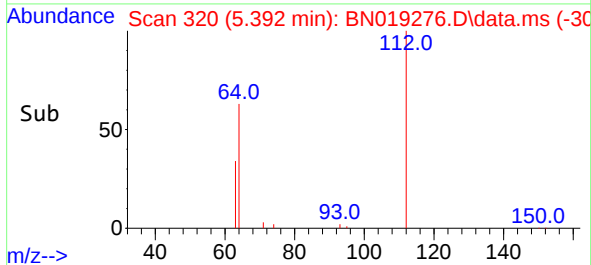
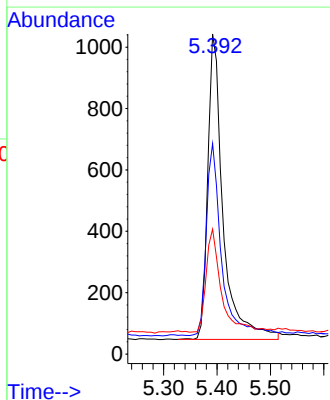
Reviewed By :Christian Giraldo 04/01/2022  
Supervised By :Jagrut Upadhyay 04/01/2022

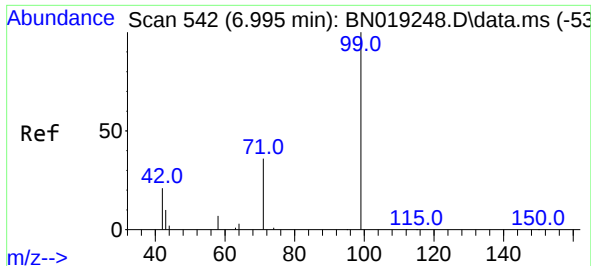


#4  
2-Fluorophenol  
Concen: 0.188 ng  
RT: 5.392 min Scan# 320  
Delta R.T. 0.000 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43



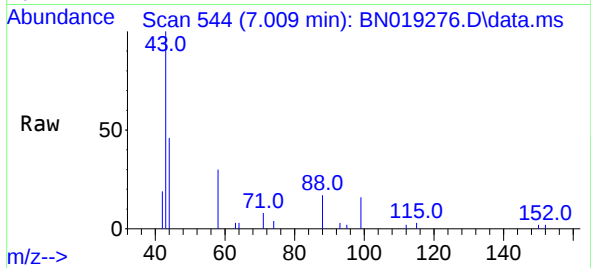
Tgt Ion:112 Resp: 1981  
Ion Ratio Lower Upper  
112 100  
64 62.9 47.8 71.8  
63 34.0 25.7 38.5





#5  
Phenol-d6  
Concen: 0.097 ng  
RT: 7.009 min Scan# 542  
Delta R.T. 0.014 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43

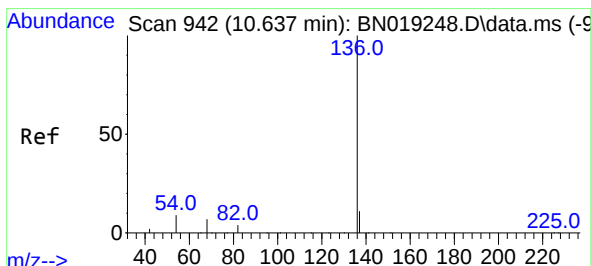
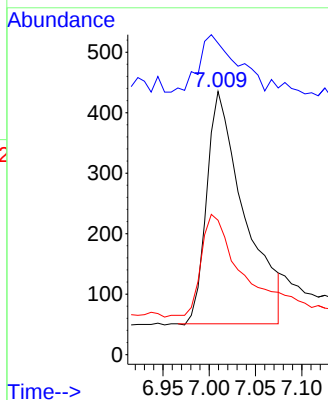
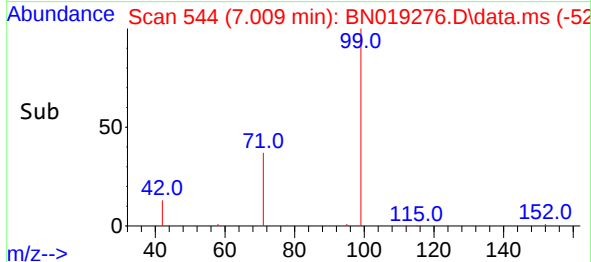
Instrument :  
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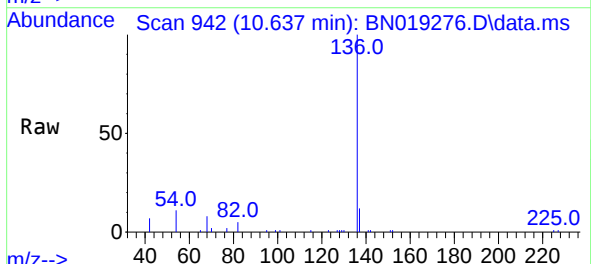
Tgt Ion: 99 Resp: 108  
Ion Ratio Lower Upper  
99 100  
42 24.5 16.2 24.4  
71 44.0 27.7 41.5

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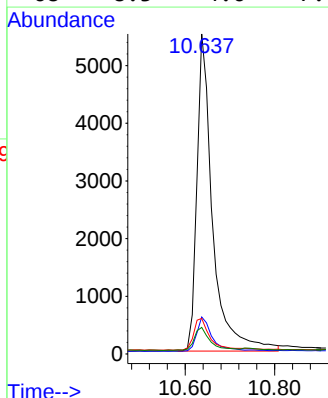
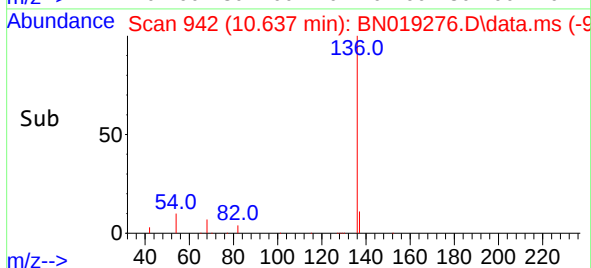
Reviewed By :Christian Giraldo 04/01/2022  
Supervised By :Jagrut Upadhyay 04/01/2022

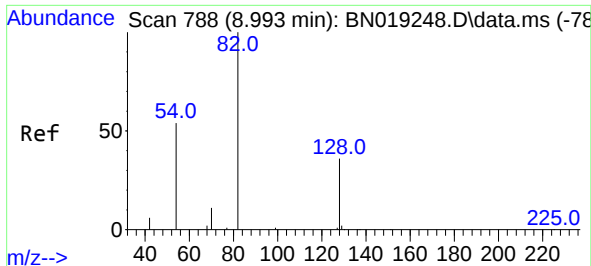


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43



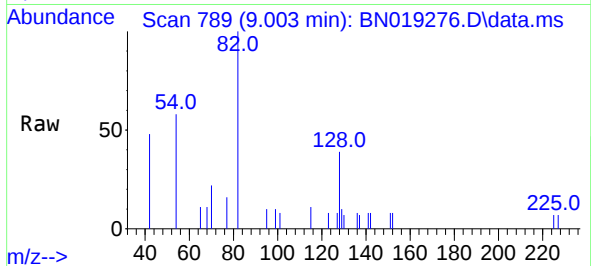
Tgt Ion:136 Resp: 13452  
Ion Ratio Lower Upper  
136 100  
137 11.6 9.0 13.4  
54 11.1 5.8 8.6#  
68 8.3 4.6 7.0#





#8  
Nitrobenzene-d5  
Concen: 0.226 ng  
RT: 9.003 min Scan# 788  
Delta R.T. 0.011 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43

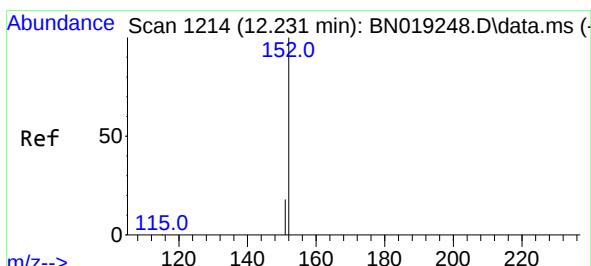
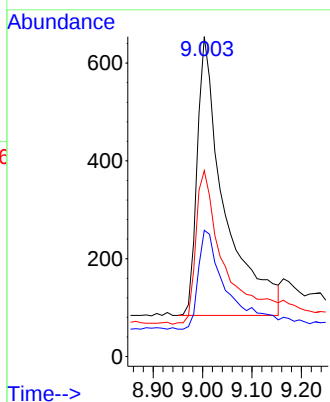
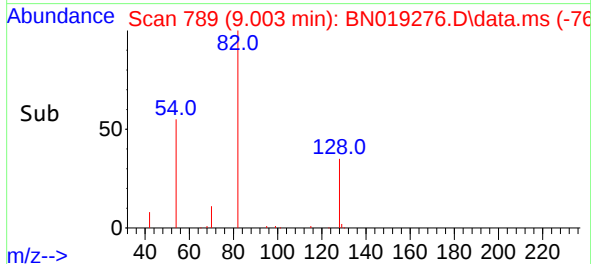
Instrument :  
BNA\_N  
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Tgt Ion: 82 Resp: 2180  
Ion Ratio Lower Upper  
82 100  
128 39.4 33.0 49.6  
54 58.1 42.5 63.7

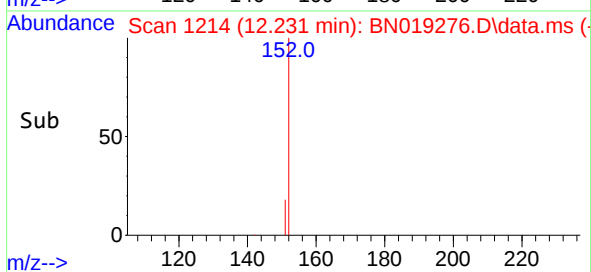
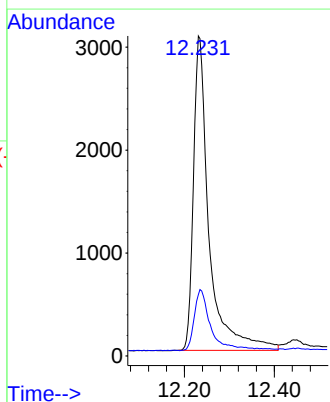
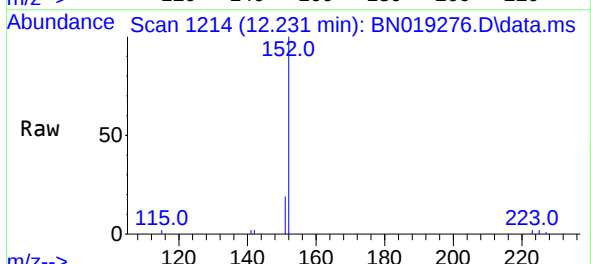
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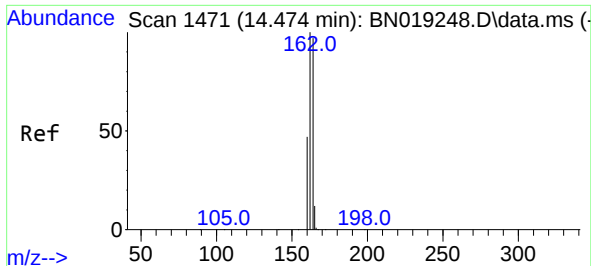
Reviewed By :Christian Giraldo 04/01/2022  
Supervised By :Jagrut Upadhyay 04/01/2022



#11  
2-Methylnaphthalene-d10  
Concen: 0.344 ng  
RT: 12.231 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43

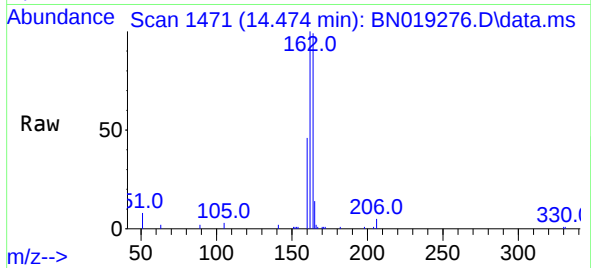
Tgt Ion:152 Resp: 7347  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.5 24.7





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43

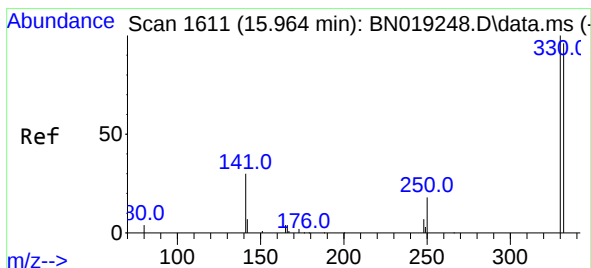
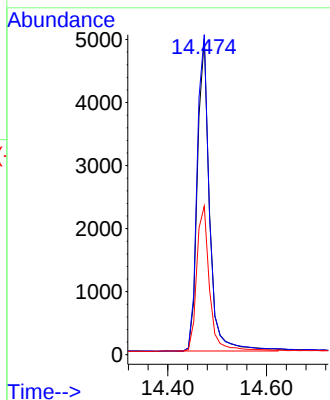
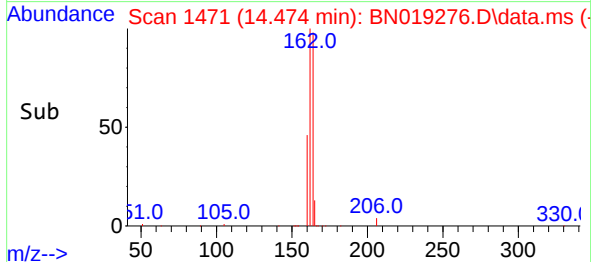
Instrument :  
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ClientSampleId :  
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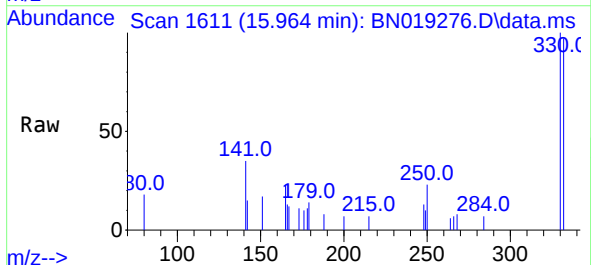
Tgt Ion:164 Resp: 8494  
Ion Ratio Lower Upper  
164 100  
162 101.4 85.2 127.8  
160 47.1 41.5 62.3

Manual Integrations  
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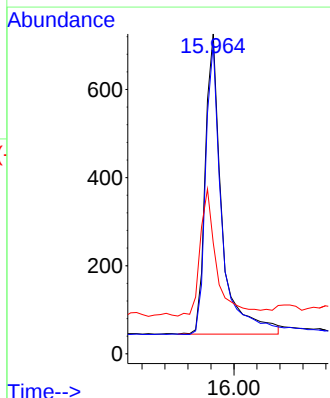
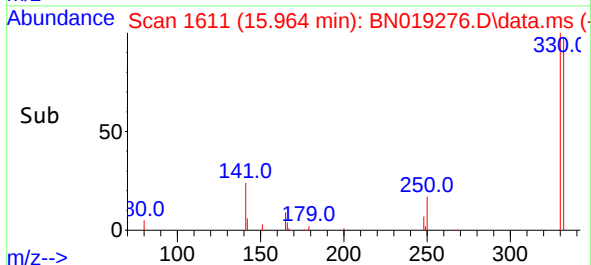
Reviewed By :Christian Giraldo 04/01/2022  
Supervised By :Jagrut Upadhyay 04/01/2022

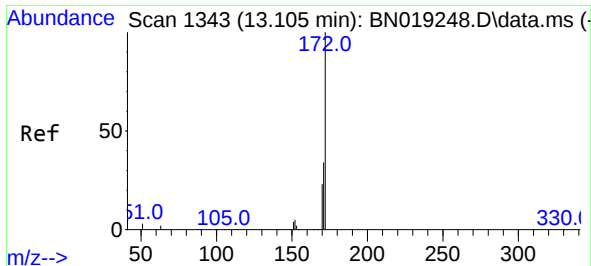


#14  
2,4,6-Tribromophenol  
Concen: 0.346 ng  
RT: 15.964 min Scan# 1611  
Delta R.T. 0.000 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43



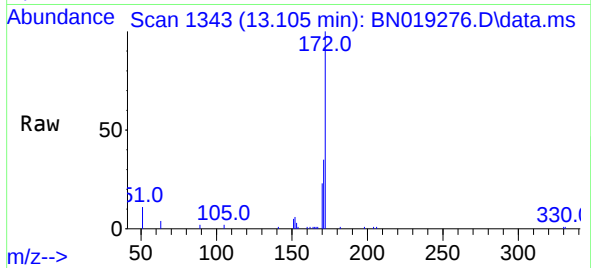
Tgt Ion:330 Resp: 1377  
Ion Ratio Lower Upper  
330 100  
332 95.1 76.8 115.2  
141 41.9 32.2 48.2





#15  
2-Fluorobiphenyl  
Concen: 0.312 ng  
RT: 13.105 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43

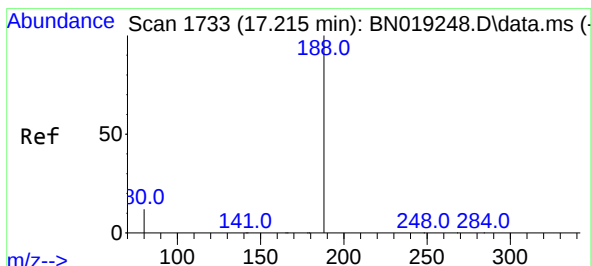
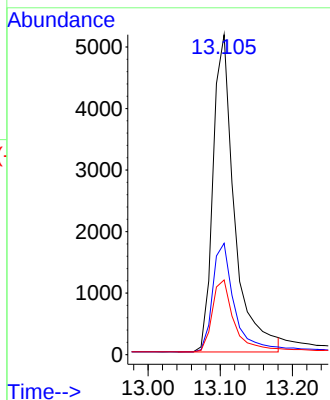
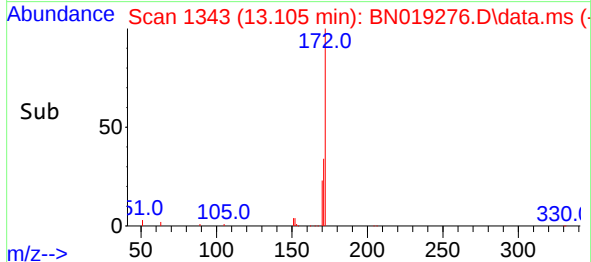
Instrument :  
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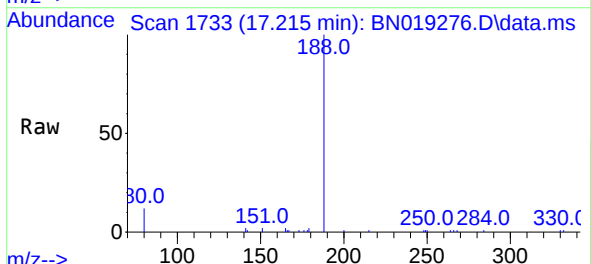
Tgt Ion:172 Resp: 10640  
Ion Ratio Lower Upper  
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171 34.8 28.2 42.2  
170 23.4 18.7 28.1

Manual Integrations  
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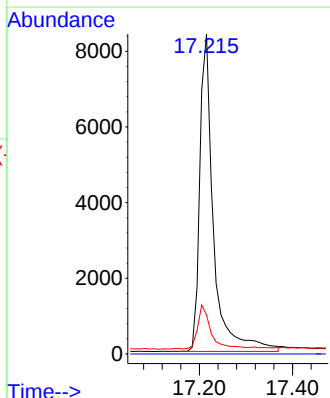
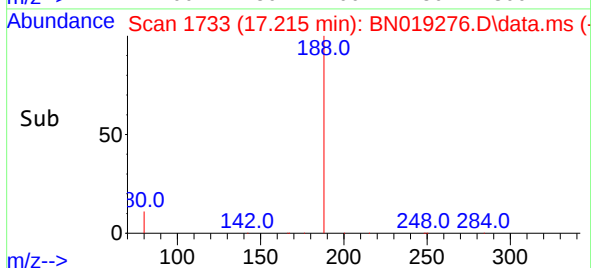
Reviewed By :Christian Giraldo 04/01/2022  
Supervised By :Jagrut Upadhyay 04/01/2022

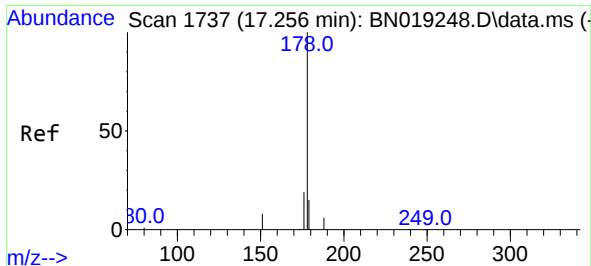


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.215 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43



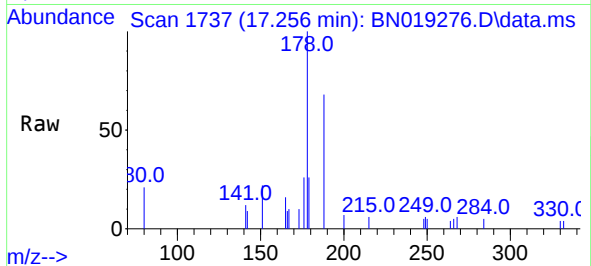
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Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.2 11.8 17.8





#25  
Phenanthrene  
Concen: 0.035 ng m  
RT: 17.256 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43

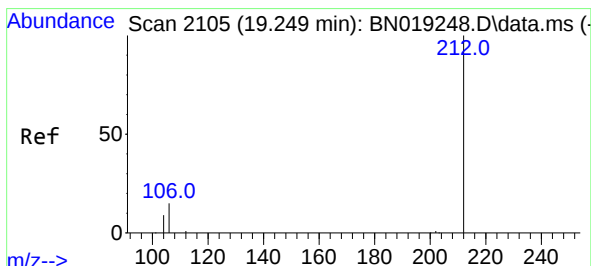
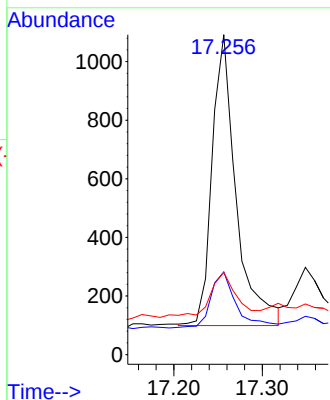
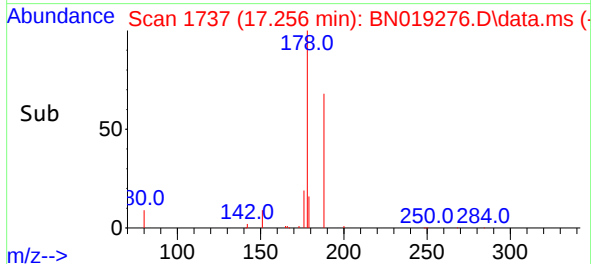
Instrument :  
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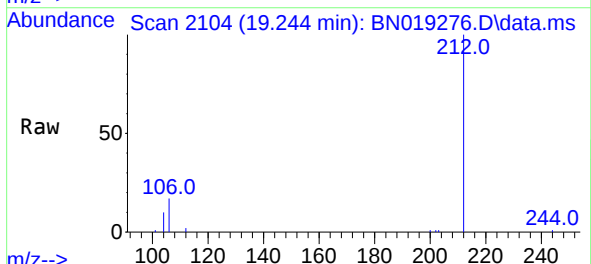
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178 100  
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179 17.4 12.2 18.2

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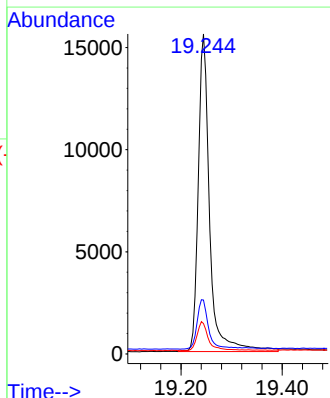
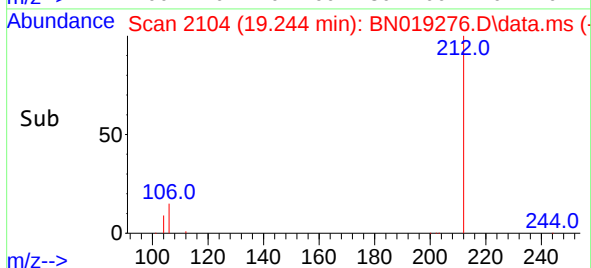
Reviewed By :Christian Giraldo 04/01/2022  
Supervised By :Jagrut Upadhyay 04/01/2022

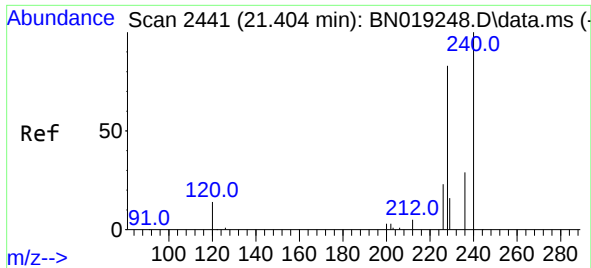


#27  
Fluoranthene-d10  
Concen: 0.470 ng  
RT: 19.244 min Scan# 2104  
Delta R.T. -0.004 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43



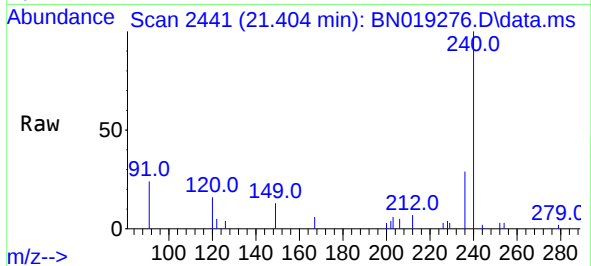
Tgt Ion:212 Resp: 24190  
Ion Ratio Lower Upper  
212 100  
106 15.9 12.7 19.1  
104 9.2 7.1 10.7





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. 0.000 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43

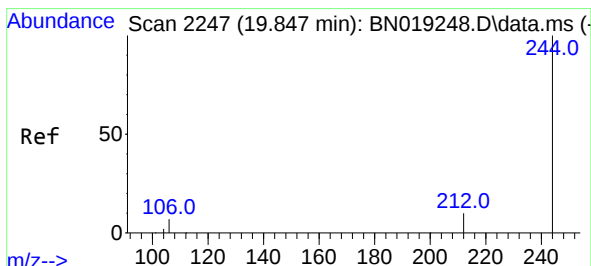
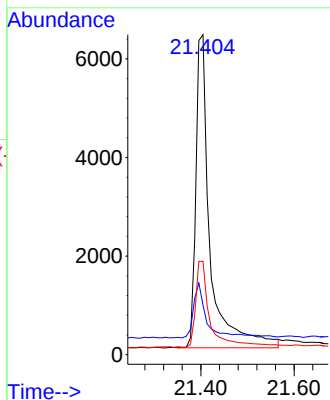
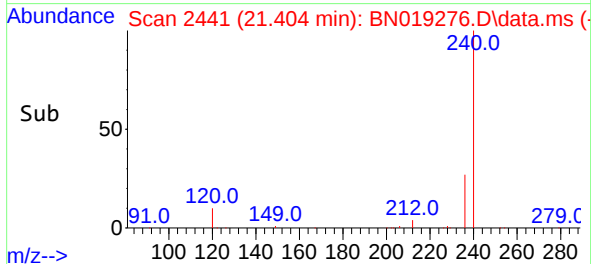
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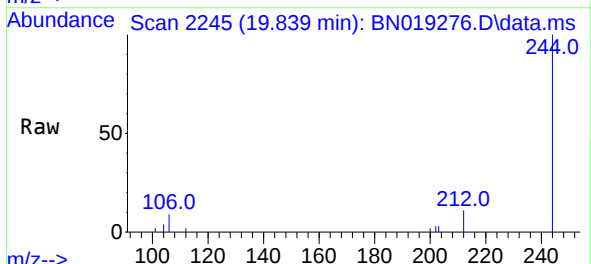
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Ion Ratio Lower Upper  
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120 15.5 8.5 12.7  
236 29.1 22.4 33.6

Manual Integrations  
APPROVED

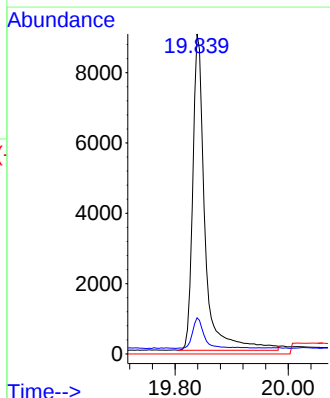
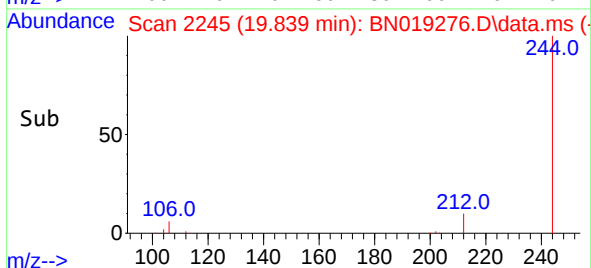
Reviewed By :Christian Giraldo 04/01/2022  
Supervised By :Jagrut Upadhyay 04/01/2022

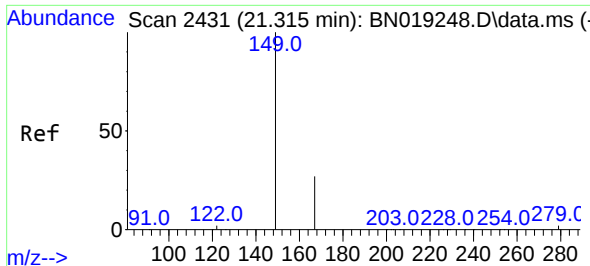


#31  
Terphenyl-d14  
Concen: 0.451 ng  
RT: 19.839 min Scan# 2245  
Delta R.T. -0.008 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43



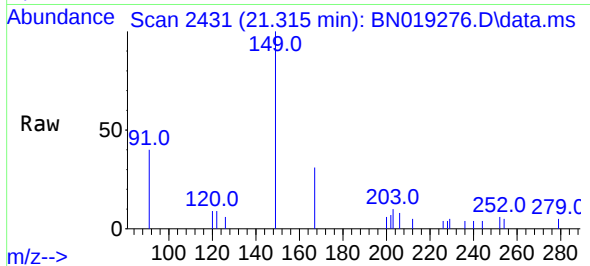
Tgt Ion:244 Resp: 13537  
Ion Ratio Lower Upper  
244 100  
212 11.3 8.2 12.4  
122 0.0 0.0 0.0





#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.129 ng  
RT: 21.315 min Scan# 2431  
Delta R.T. 0.000 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43

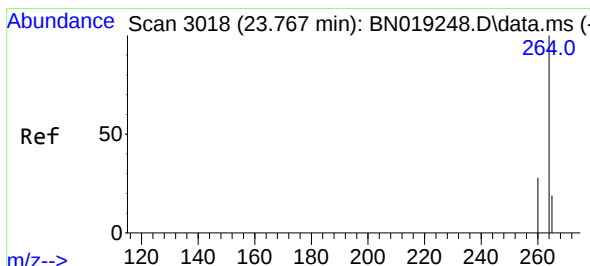
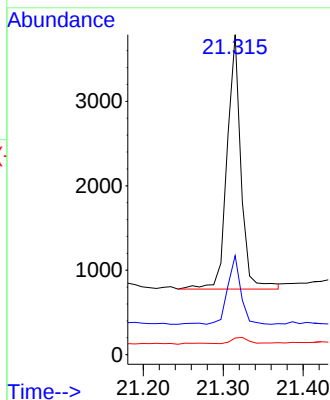
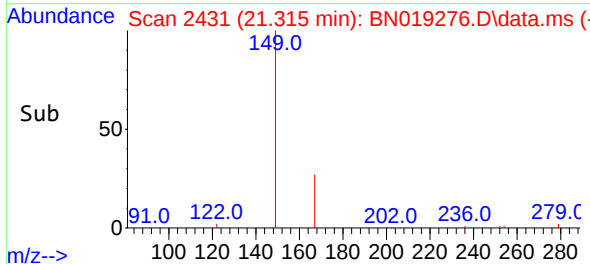
Instrument :  
BNA\_N  
ClientSampleId :  
MW-13



Tgt Ion:149 Resp: 3658  
Ion Ratio Lower Upper  
149 100  
167 25.0 21.8 32.8  
279 3.0 2.0 3.0

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/01/2022  
Supervised By :Jagrut Upadhyay 04/01/2022



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.758 min Scan# 3015  
Delta R.T. -0.009 min  
Lab File: BN019276.D  
Acq: 01 Apr 2022 05:43

Tgt Ion:264 Resp: 10906  
Ion Ratio Lower Upper  
264 100  
260 28.1 22.4 33.6  
265 40.4 25.3 37.9

