

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120921\  
 Data File : BN017859.D  
 Acq On : 10 Dec 2021 07:43  
 Operator : CG/JU  
 Sample : M4923-10  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BPOW1-8-20211201

Quant Time: Dec 11 00:34:36 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN120721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 08 01:18:09 2021  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2021  
 Supervised By :Yogesh Patel 12/15/2021

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.715  | 152  | 20163    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.494 | 136  | 82948    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.335 | 164  | 56245    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.092 | 188  | 112396   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.293 | 240  | 91394    | 0.400 | ng    | # 0.01   |
| 35) Perylene-d12              | 23.589 | 264  | 61285    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.336  | 112  | 5551     | 0.114 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.903  | 99   | 3240     | 0.070 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.859  | 82   | 16683    | 0.302 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.085 | 152  | 41657    | 0.252 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.844 | 330  | 4673     | 0.159 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.964 | 172  | 66110    | 0.321 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.124 | 212  | 144385   | 0.384 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.730 | 244  | 124075   | 0.632 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 25) Phenanthrene              | 17.129 | 178  | 9615m    | 0.033 | ng    |          |
| 28) Fluoranthene              | 19.154 | 202  | 10590    | 0.029 | ng    | 100      |
| 30) Pyrene                    | 19.517 | 202  | 7137     | 0.025 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.208 | 149  | 14016    | 0.110 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

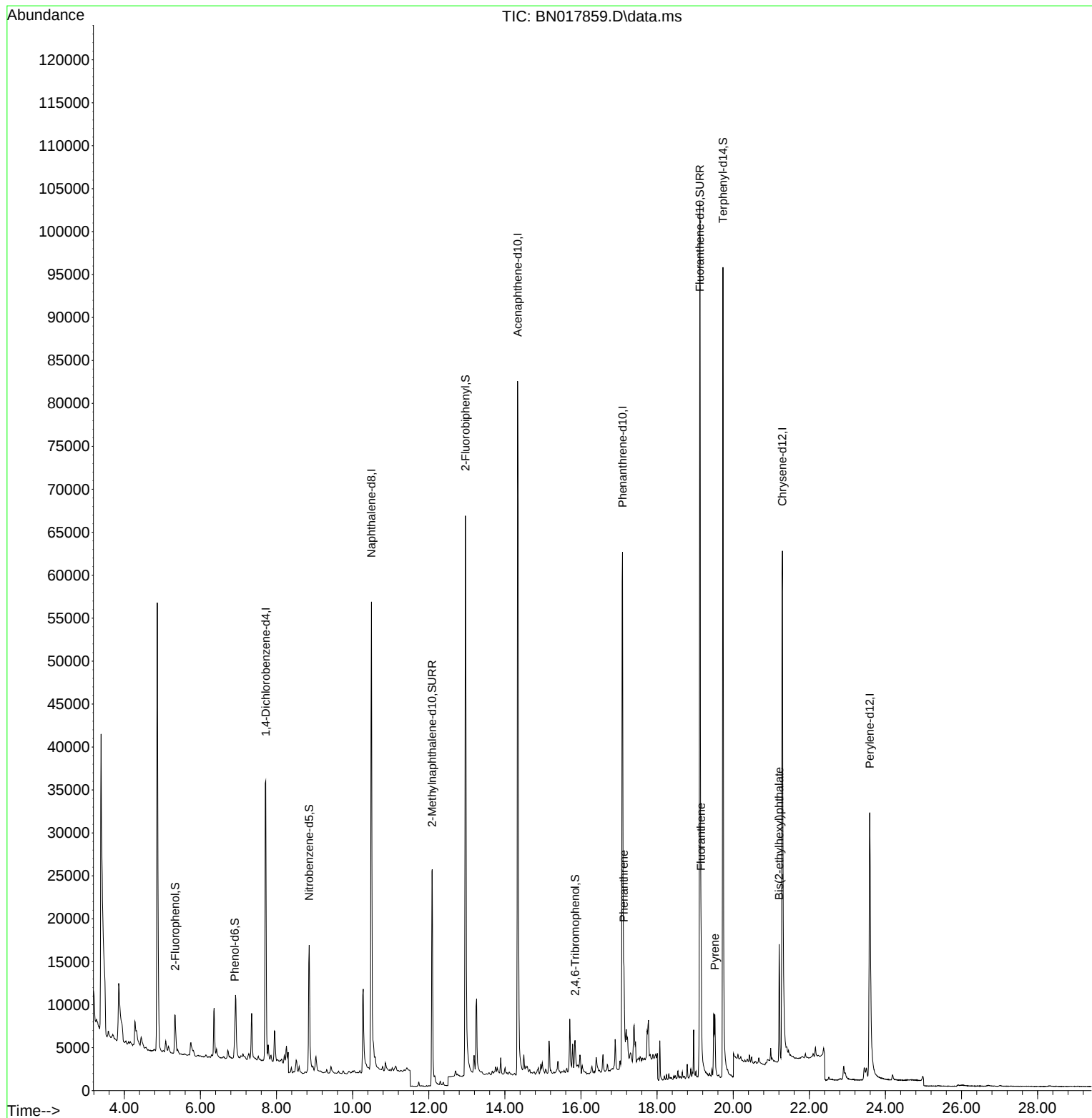
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120921\  
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ALS Vial : 25 Sample Multiplier: 1

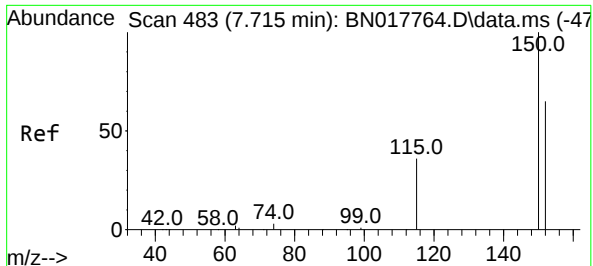
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW1-8-20211201

Quant Time: Dec 11 00:34:36 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN120721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 08 01:18:09 2021  
Response via : Initial Calibration

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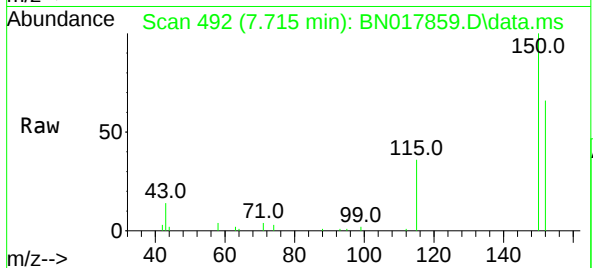
Reviewed By :Jagrut Upadhyay 12/14/2021  
Supervised By :Yogesh Patel 12/15/2021





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.715 min Scan# 483  
Delta R.T. -0.000 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

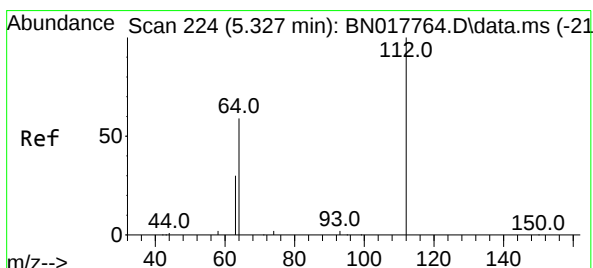
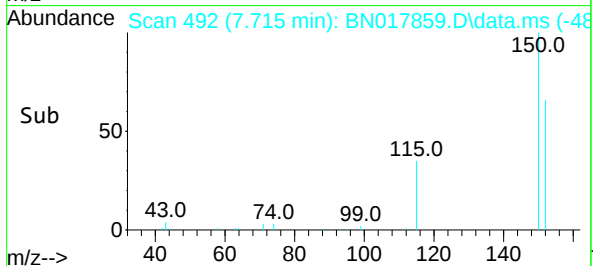
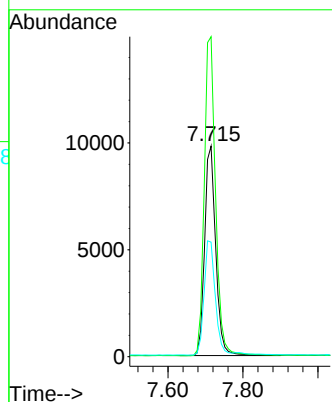
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW1-8-20211201



Tgt Ion:152 Resp: 2016  
Ion Ratio Lower Upper  
152 100  
150 152.0 123.0 184.4  
115 54.4 45.3 67.9

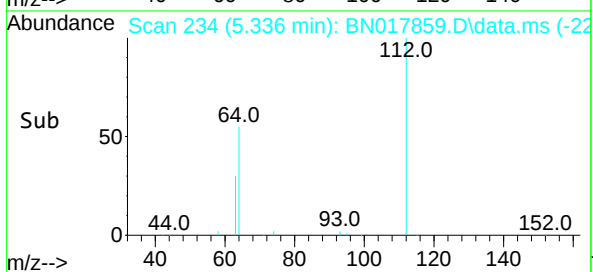
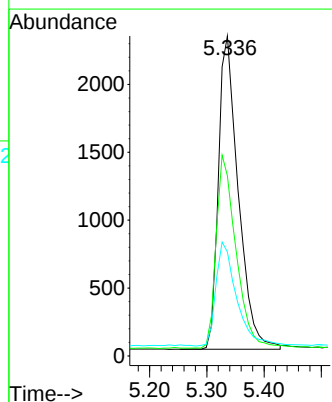
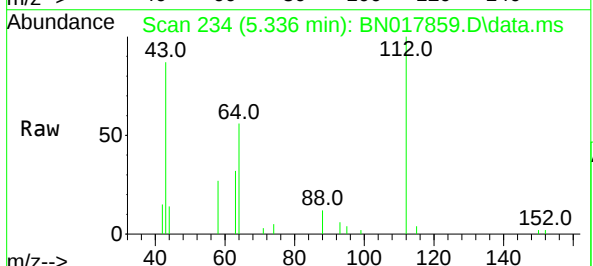
Manual Integrations  
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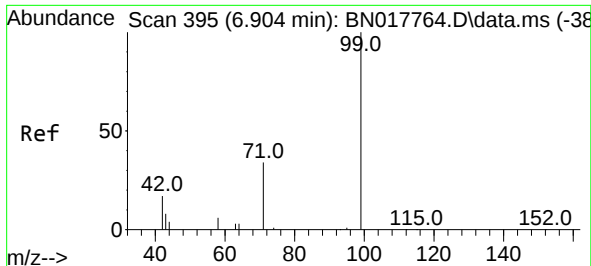
Reviewed By :Jagrut Upadhyay 12/14/2021  
Supervised By :Yogesh Patel 12/15/2021



#4  
2-Fluorophenol  
Concen: 0.114 ng  
RT: 5.336 min Scan# 234  
Delta R.T. 0.009 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

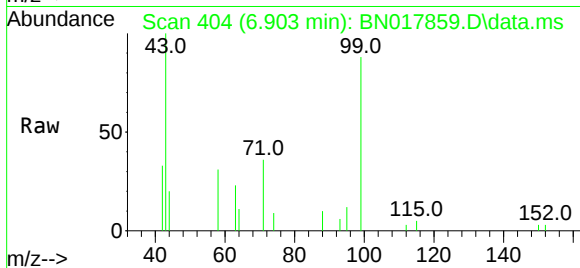
Tgt Ion:112 Resp: 5551  
Ion Ratio Lower Upper  
112 100  
64 61.7 49.3 73.9  
63 34.7 25.8 38.8





#5  
Phenol-d6  
Concen: 0.070 ng  
RT: 6.903 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

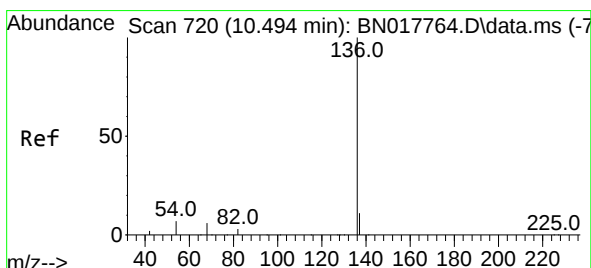
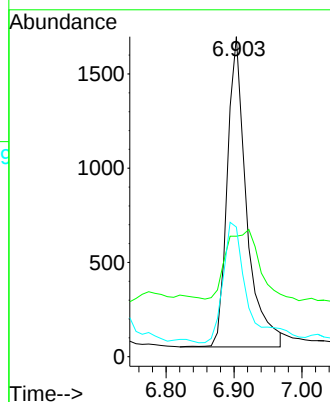
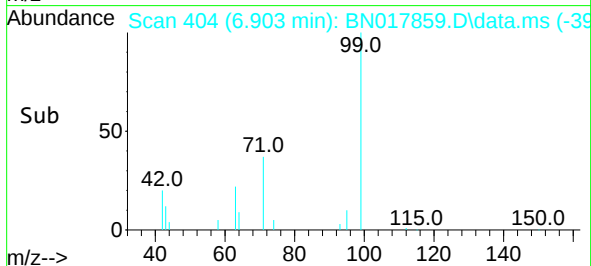
Instrument :  
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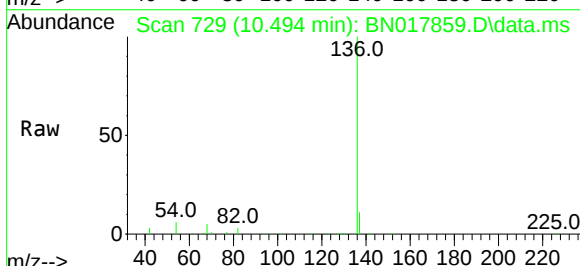
Tgt Ion: 99 Resp: 3240  
Ion Ratio Lower Upper  
99 100  
42 0.0 16.6 25.0  
71 46.9 29.0 43.4

Manual Integrations  
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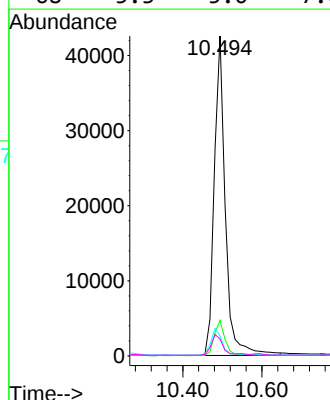
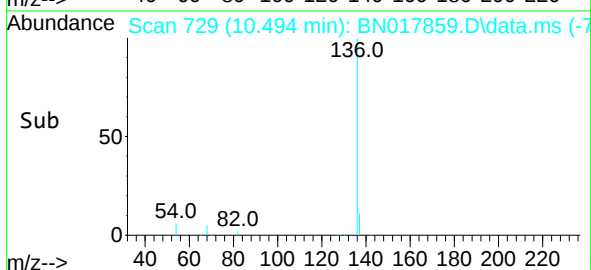
Reviewed By :Jagrut Upadhyay 12/14/2021  
Supervised By :Yogesh Patel 12/15/2021

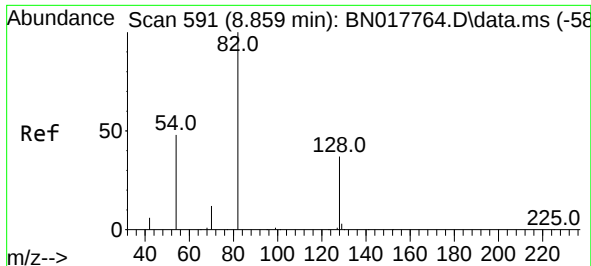


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.494 min Scan# 729  
Delta R.T. -0.000 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43



Tgt Ion:136 Resp: 82948  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 6.3 5.9 8.9  
68 5.3 5.0 7.6





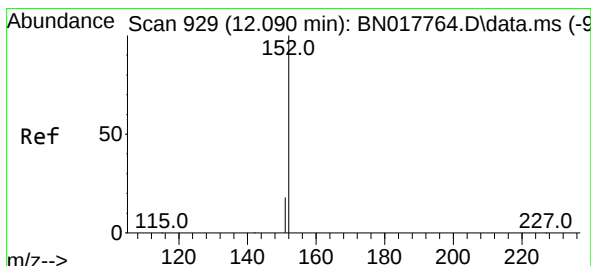
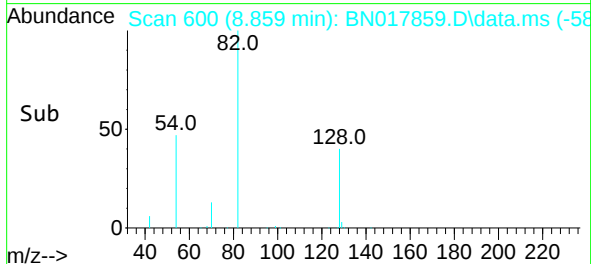
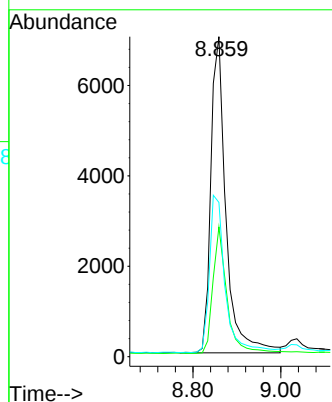
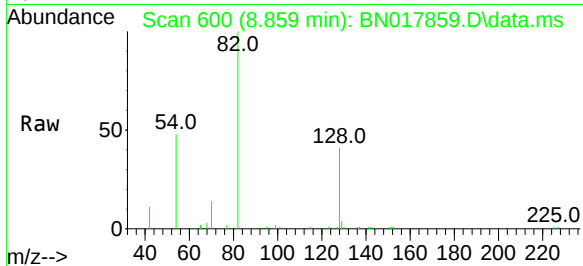
#8  
Nitrobenzene-d5  
Concen: 0.302 ng  
RT: 8.859 min Scan# 600  
Delta R.T. -0.000 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

Instrument :  
BNA\_N  
ClientSampleId :  
BPOW1-8-20211201

Tgt Ion: 82 Resp: 1668  
Ion Ratio Lower Upper  
82 100  
128 40.6 30.2 45.2  
54 48.2 39.0 58.6

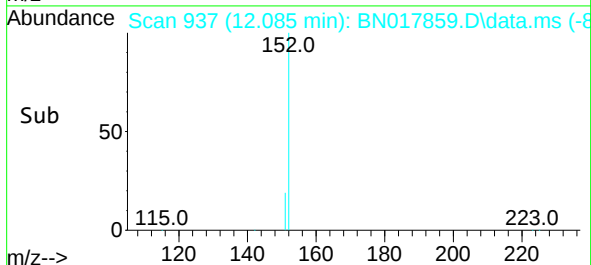
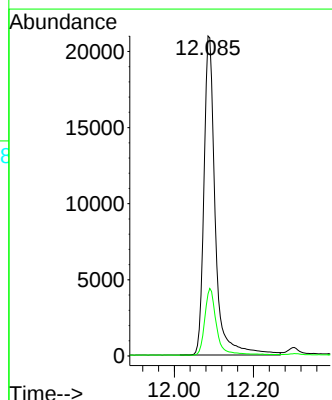
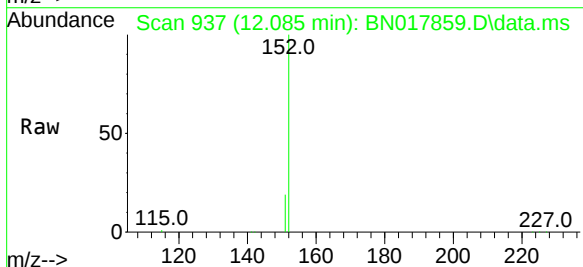
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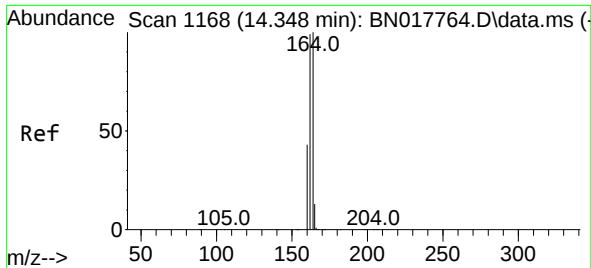
Reviewed By :Jagrut Upadhyay 12/14/2021  
Supervised By :Yogesh Patel 12/15/2021



#11  
2-Methylnaphthalene-d10  
Concen: 0.252 ng  
RT: 12.085 min Scan# 937  
Delta R.T. -0.005 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

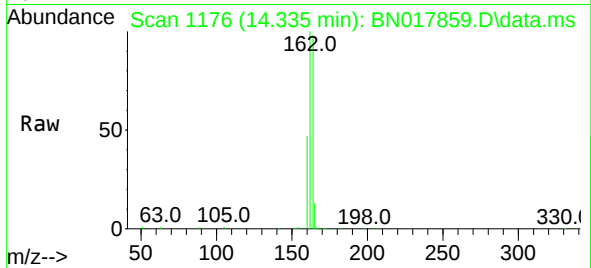
Tgt Ion:152 Resp: 41657  
Ion Ratio Lower Upper  
152 100  
151 21.4 16.4 24.6





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.335 min Scan# 1168  
Delta R.T. -0.013 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

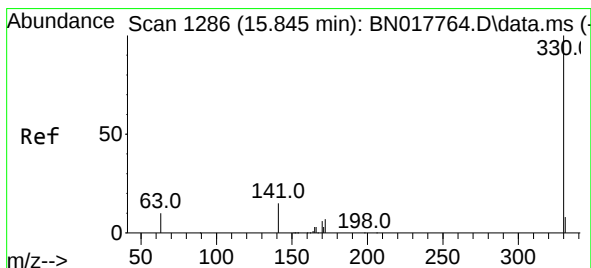
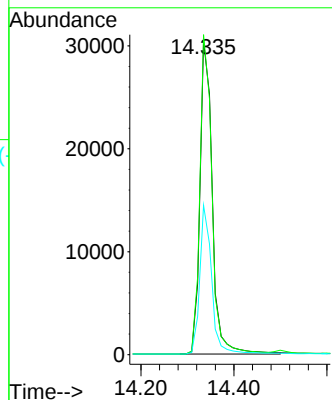
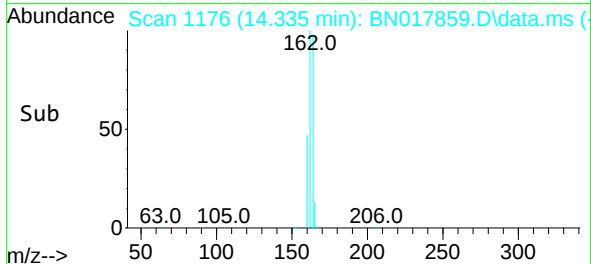
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW1-8-20211201



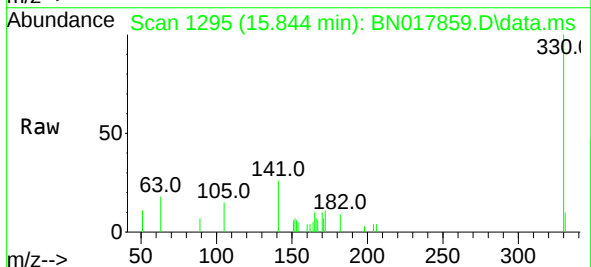
Tgt Ion:164 Resp: 5624  
Ion Ratio Lower Upper  
164 100  
162 102.0 79.0 118.6  
160 47.6 34.6 52.0

Manual Integrations  
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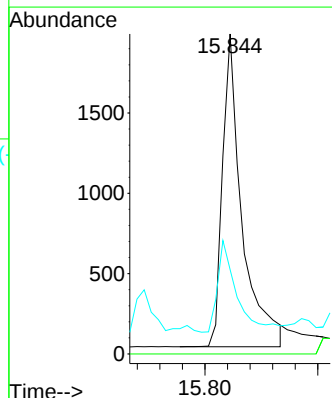
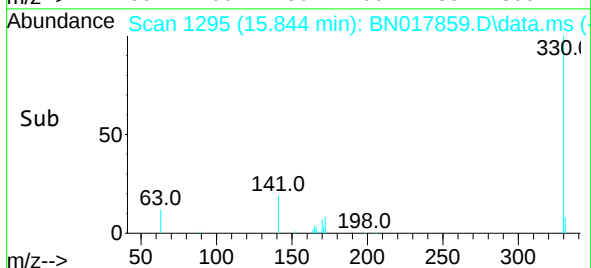
Reviewed By :Jagrut Upadhyay 12/14/2021  
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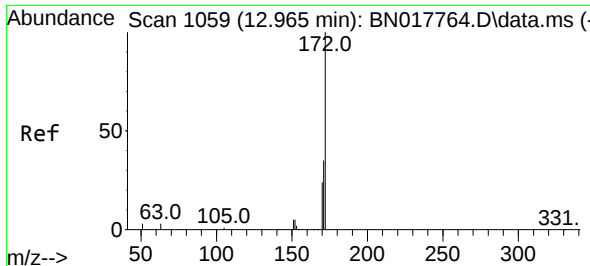


#14  
2,4,6-Tribromophenol  
Concen: 0.159 ng  
RT: 15.844 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43



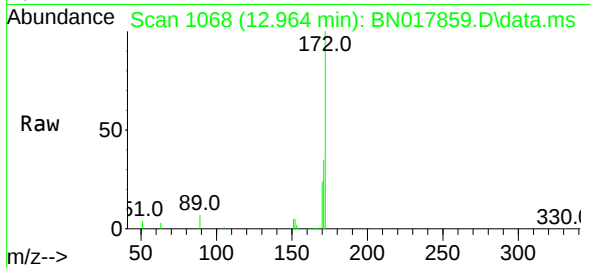
Tgt Ion:330 Resp: 4673  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 28.9 21.5 32.3





#15  
2-Fluorobiphenyl  
Concen: 0.321 ng  
RT: 12.964 min Scan# 1059  
Delta R.T. -0.000 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

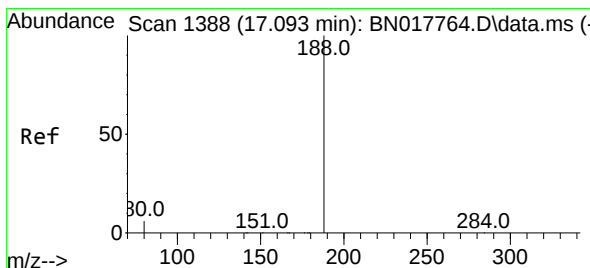
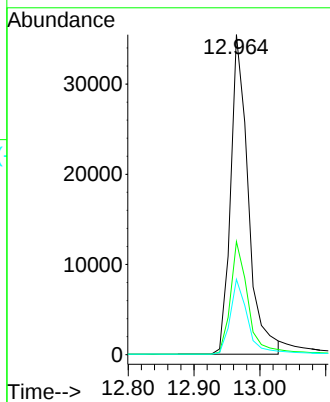
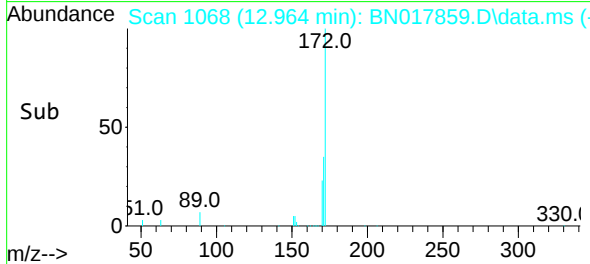
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW1-8-20211201



Tgt Ion:172 Resp: 66110  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.1 42.1  
170 23.6 18.9 28.3

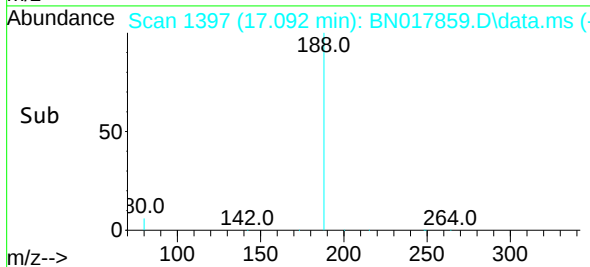
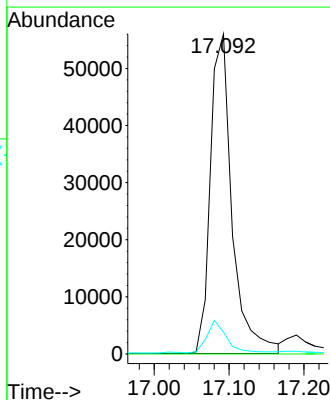
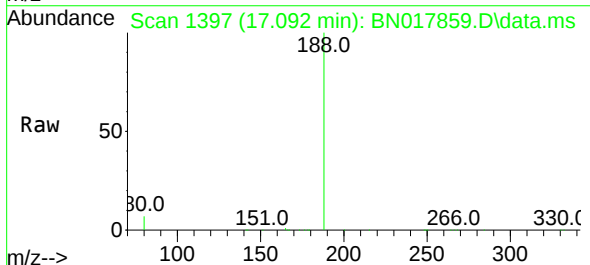
Manual Integrations  
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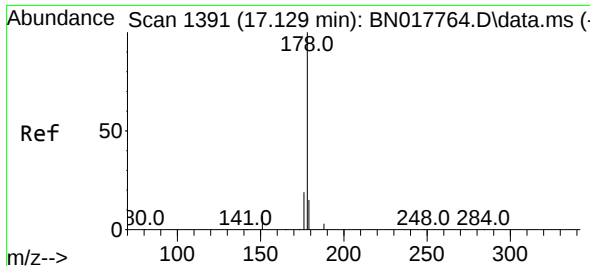
Reviewed By :Jagrut Upadhyay 12/14/2021  
Supervised By :Yogesh Patel 12/15/2021



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.092 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

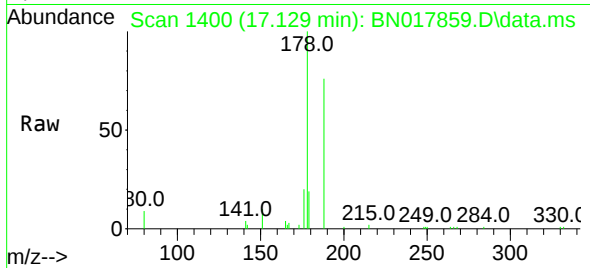
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Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.8 5.1 7.7





#25  
Phenanthrene  
Concen: 0.033 ng m  
RT: 17.129 min Scan# 1400  
Delta R.T. -0.000 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

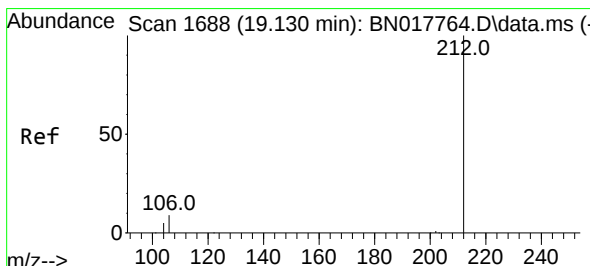
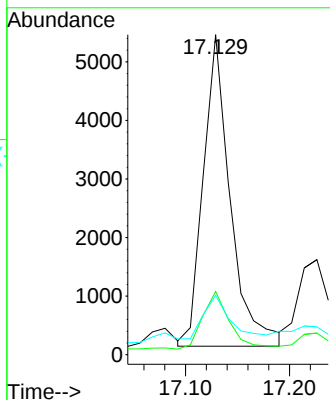
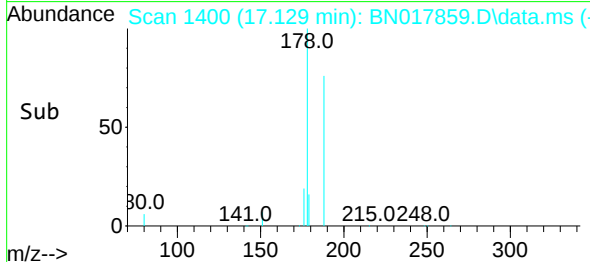
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW1-8-20211201



Tgt Ion:178 Resp: 961  
Ion Ratio Lower Upper  
178 100  
176 20.4 15.0 22.6  
179 24.8 12.5 18.7

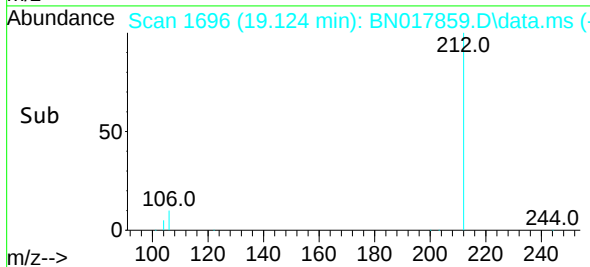
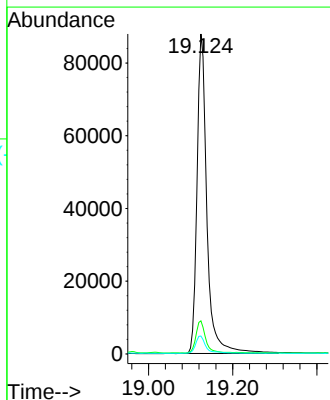
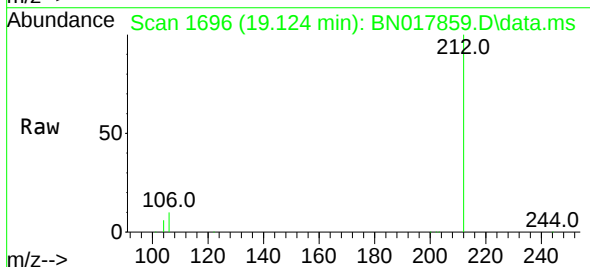
Manual Integrations  
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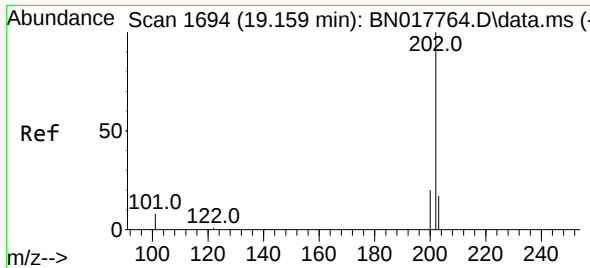
Reviewed By :Jagrut Upadhyay 12/14/2021  
Supervised By :Yogesh Patel 12/15/2021



#27  
Fluoranthene-d10  
Concen: 0.384 ng  
RT: 19.124 min Scan# 1696  
Delta R.T. -0.005 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

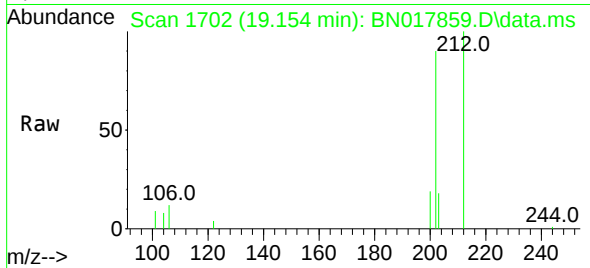
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Ion Ratio Lower Upper  
212 100  
106 9.7 8.2 12.2  
104 5.7 4.6 6.8





#28  
Fluoranthene  
Concen: 0.029 ng  
RT: 19.154 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

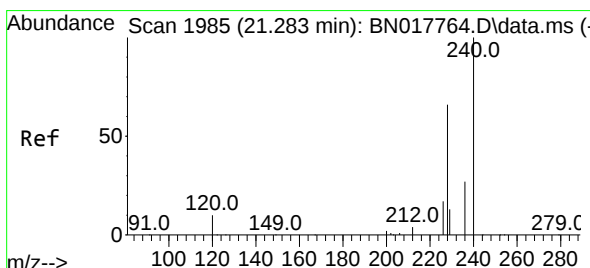
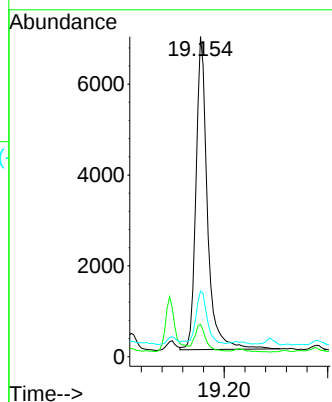
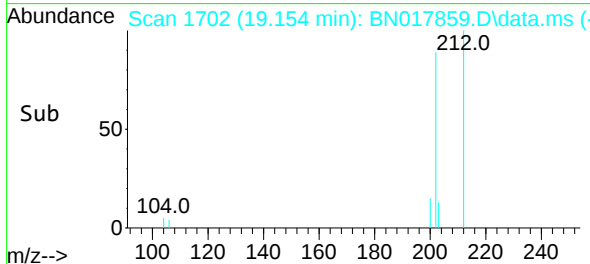
Instrument :  
BNA\_N  
ClientSampleId :  
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Tgt Ion:202 Resp: 10590  
Ion Ratio Lower Upper  
202 100  
101 9.0 7.2 10.8  
203 17.1 13.7 20.5

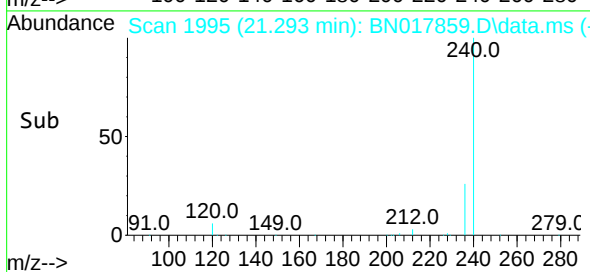
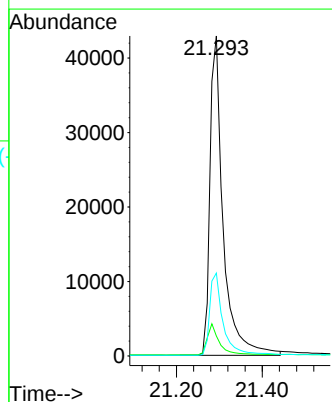
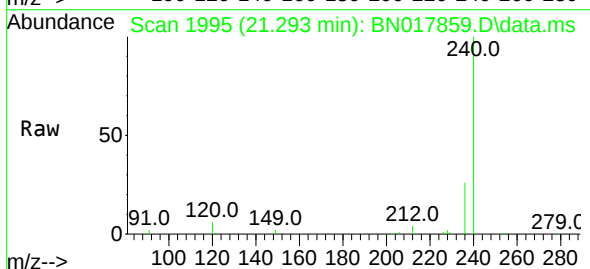
Manual Integrations  
APPROVED

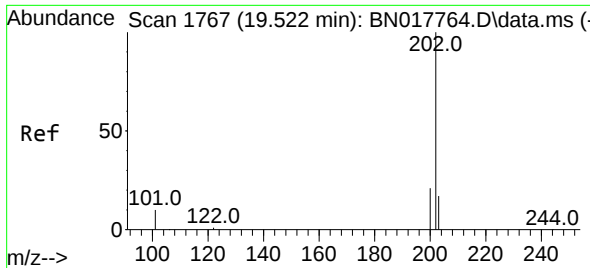
Reviewed By :Jagrut Upadhyay 12/14/2021  
Supervised By :Yogesh Patel 12/15/2021



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.293 min Scan# 1995  
Delta R.T. 0.010 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

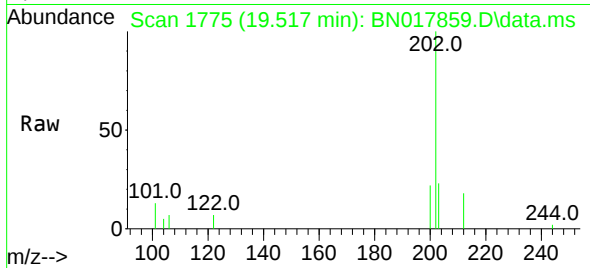
Tgt Ion:240 Resp: 91394  
Ion Ratio Lower Upper  
240 100  
120 6.3 7.9 11.9#  
236 25.9 21.4 32.2





#30  
Pyrene  
Concen: 0.025 ng  
RT: 19.517 min Scan# 1775  
Delta R.T. -0.005 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

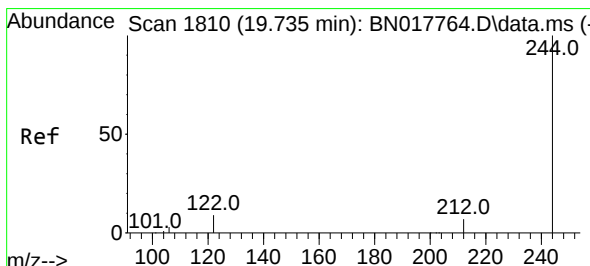
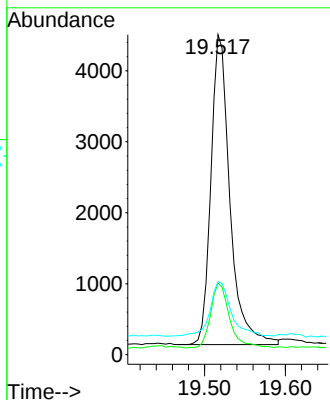
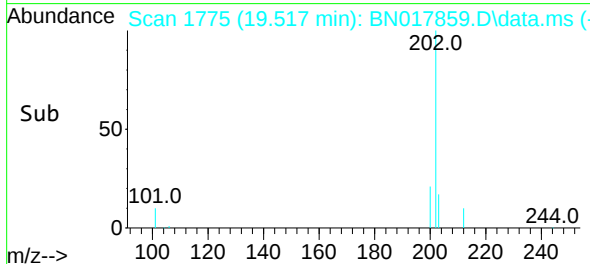
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW1-8-20211201



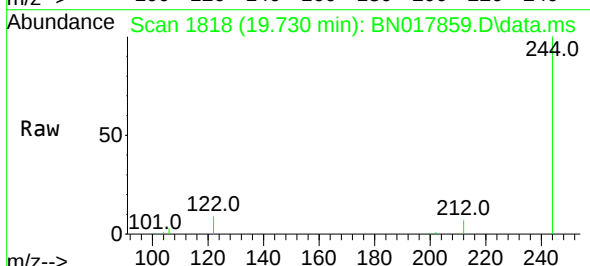
Tgt Ion:202 Resp: 713  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.5 24.7  
203 19.3 14.0 21.0

Manual Integrations  
APPROVED

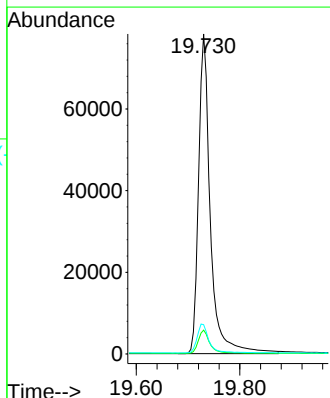
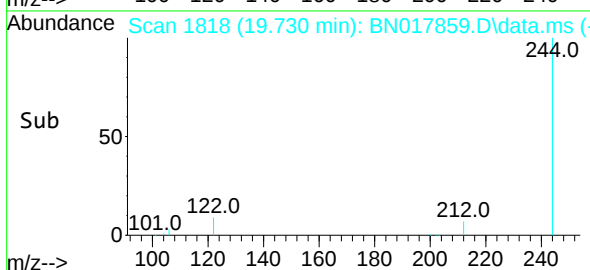
Reviewed By :Jagrut Upadhyay 12/14/2021  
Supervised By :Yogesh Patel 12/15/2021

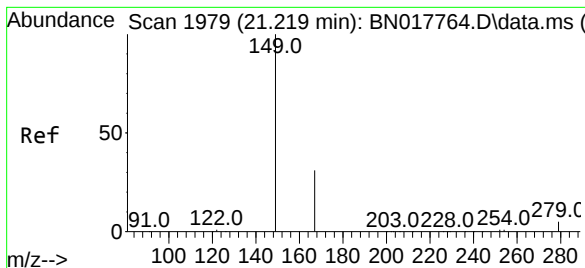


#31  
Terphenyl-d14  
Concen: 0.632 ng  
RT: 19.730 min Scan# 1818  
Delta R.T. -0.005 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43



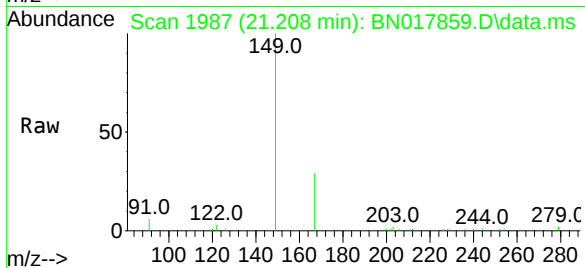
Tgt Ion:244 Resp: 124075  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.8 8.8  
122 9.2 7.1 10.7





#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.110 ng  
RT: 21.208 min Scan# 1987  
Delta R.T. -0.011 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43

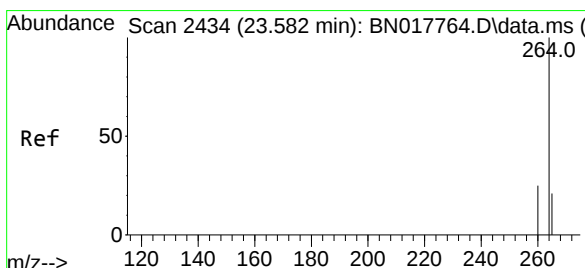
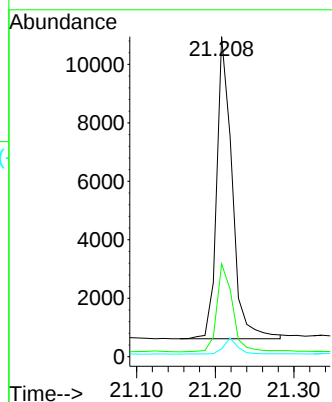
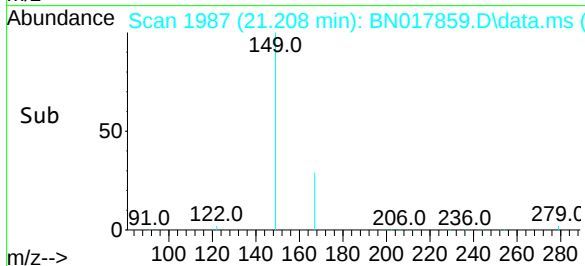
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW1-8-20211201



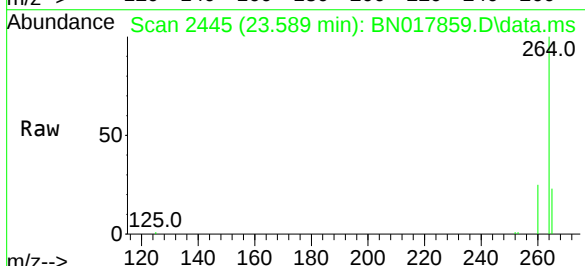
Tgt Ion:149 Resp: 14010  
Ion Ratio Lower Upper  
149 100  
167 29.5 23.5 35.3  
279 4.8 3.8 5.6

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2021  
Supervised By :Yogesh Patel 12/15/2021



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.589 min Scan# 2445  
Delta R.T. 0.007 min  
Lab File: BN017859.D  
Acq: 10 Dec 2021 07:43



Tgt Ion:264 Resp: 61285  
Ion Ratio Lower Upper  
264 100  
260 24.9 20.0 30.0  
265 23.1 20.5 30.7

