

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090122\  
 Data File : BN021525.D  
 Acq On : 01 Sep 2022 14:55  
 Operator : CG/JU  
 Sample : N4297-12DL 2X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE131D1-20220821DL

Quant Time: Sep 02 00:57:55 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 02 00:53:31 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 09/02/2022  
 Supervised By :Jagrut Upadhyay 09/02/2022

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.069  | 152  | 5375     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.898 | 136  | 16925    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.728 | 164  | 9366     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.470 | 188  | 19697    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.664 | 240  | 12335    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.188 | 264  | 5273     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.599  | 112  | 721      | 0.069 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.224  | 99   | 514      | 0.038 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.243  | 82   | 1680m    | 0.147 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.490 | 152  | 6434     | 0.169 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.218 | 330  | 384      | 0.125 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.349 | 172  | 6291     | 0.154 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.506 | 212  | 9811     | 0.194 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.097 | 244  | 6522     | 0.235 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.403  | 88   | 24507    | 3.645 | ng    | # 89     |
| 34) Bis(2-ethylhexyl)phtha... | 21.557 | 149  | 910      | 0.053 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

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

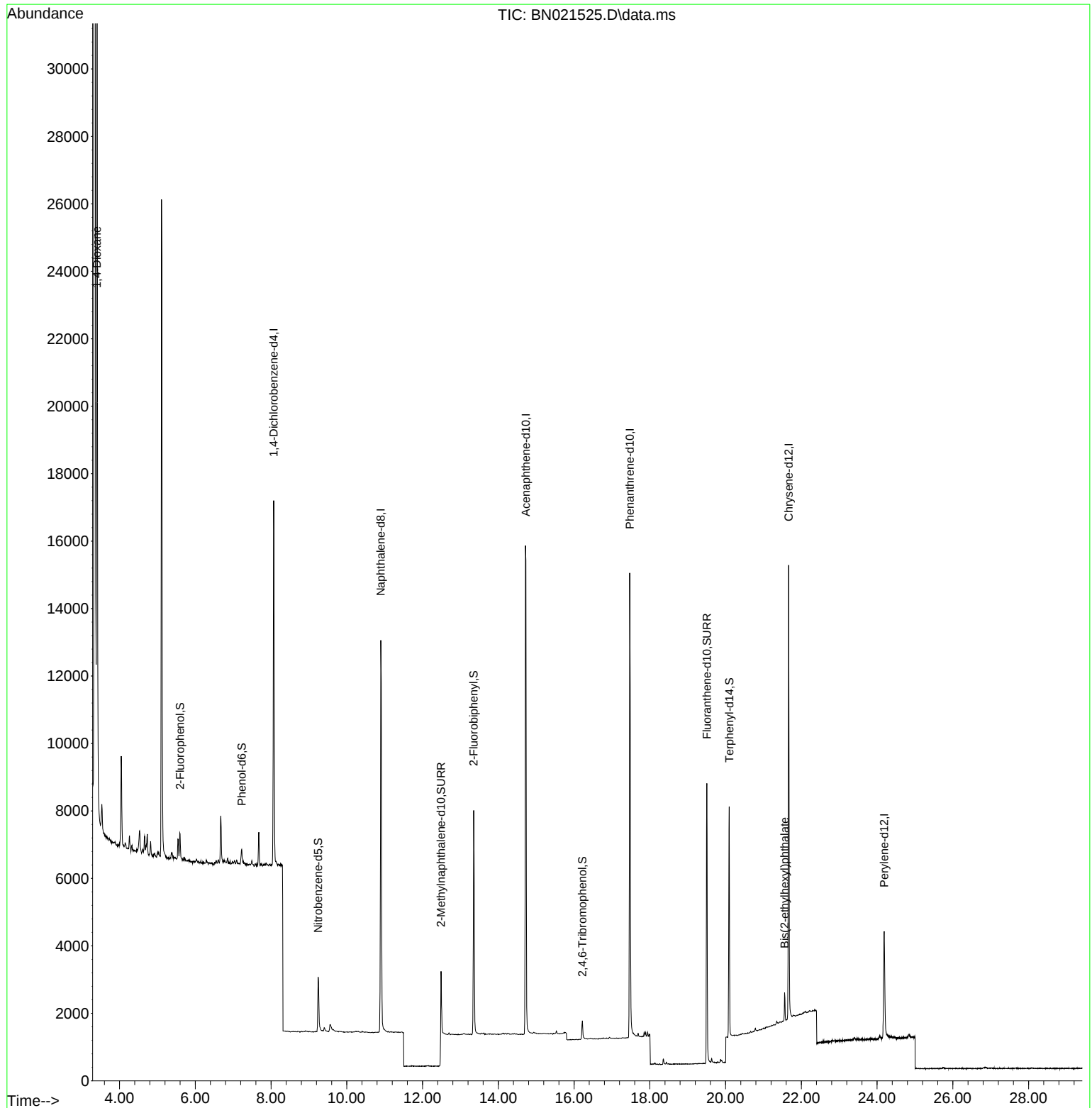
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090122\  
Data File : BN021525.D  
Acq On : 01 Sep 2022 14:55  
Operator : CG/JU  
Sample : N4297-12DL 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20220821DL

Quant Time: Sep 02 00:57:55 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 02 00:53:31 2022  
Response via : Initial Calibration

Manual Integrations  
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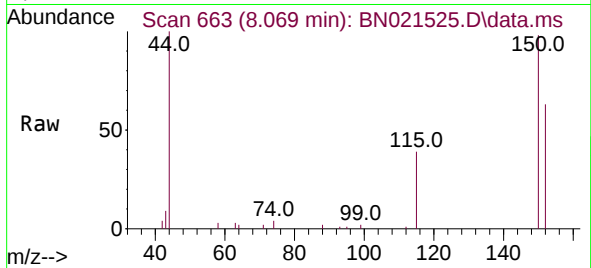
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.069 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55

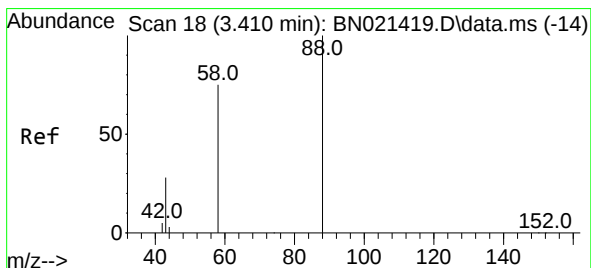
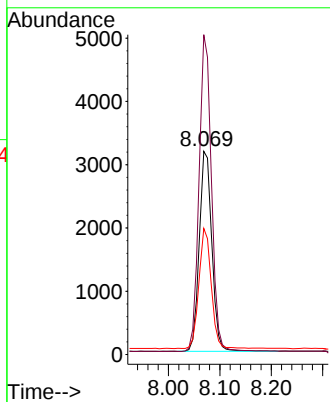
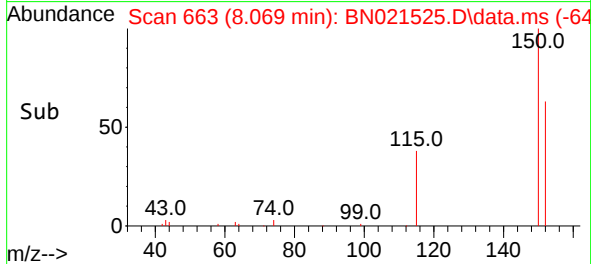
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20220821DL



Tgt Ion: 152 Resp: 5375  
Ion Ratio Lower Upper  
152 100  
150 157.4 121.4 182.0  
115 62.0 48.6 72.8

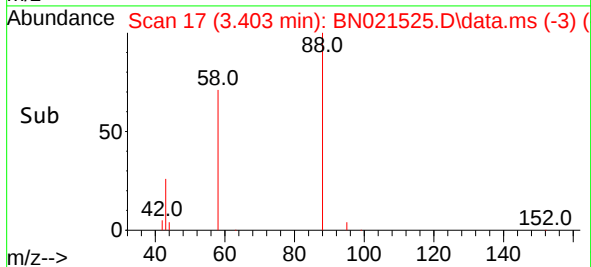
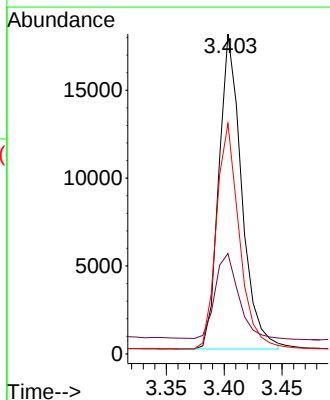
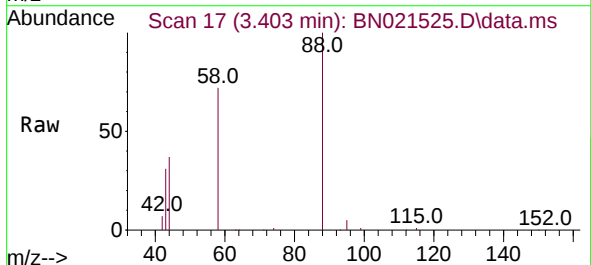
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#2  
1,4-Dioxane  
Concen: 3.645 ng  
RT: 3.403 min Scan# 17  
Delta R.T. 0.000 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55

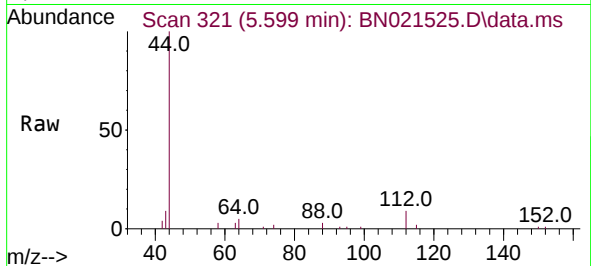
Tgt Ion: 88 Resp: 24507  
Ion Ratio Lower Upper  
88 100  
43 27.4 35.8 53.8  
58 71.9 57.1 85.7





#4  
2-Fluorophenol  
Concen: 0.069 ng  
RT: 5.599 min Scan# 321  
Delta R.T. 0.007 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55

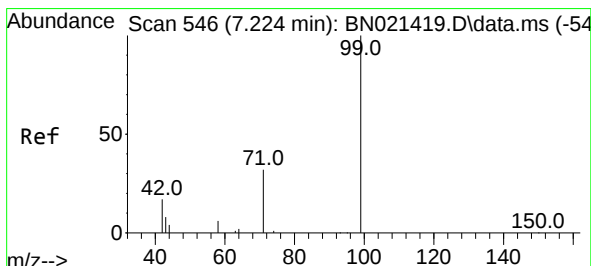
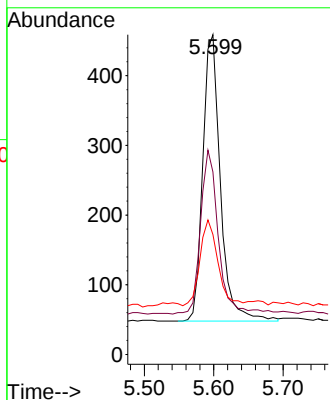
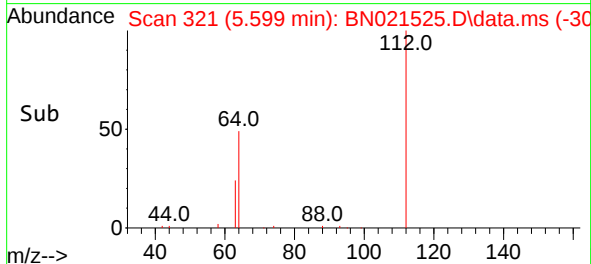
Instrument :  
BNA\_N  
ClientSampleId :  
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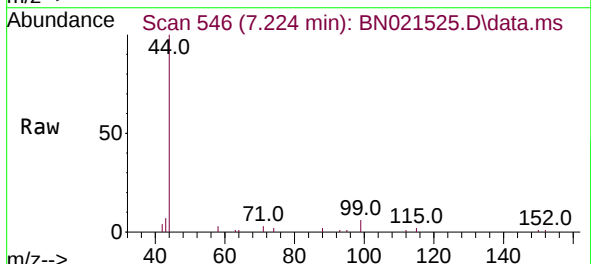
Tgt Ion: 112 Resp: 721  
Ion Ratio Lower Upper  
112 100  
64 58.3 43.5 65.3  
63 30.4 22.6 34.0

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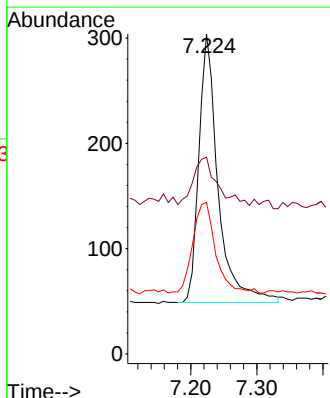
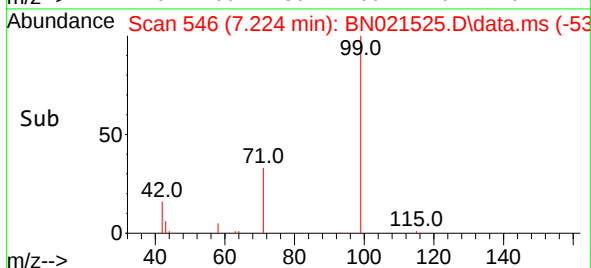
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

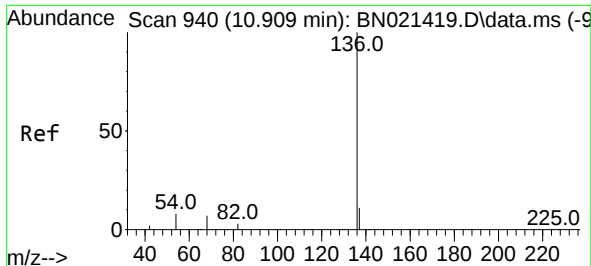


#5  
Phenol-d6  
Concen: 0.038 ng  
RT: 7.224 min Scan# 546  
Delta R.T. 0.007 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55



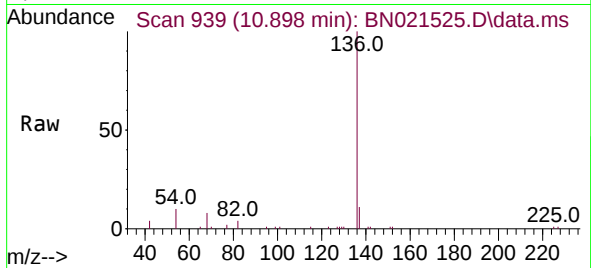
Tgt Ion: 99 Resp: 514  
Ion Ratio Lower Upper  
99 100  
42 22.2 15.5 23.3  
71 39.9 24.2 36.2#





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.898 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55

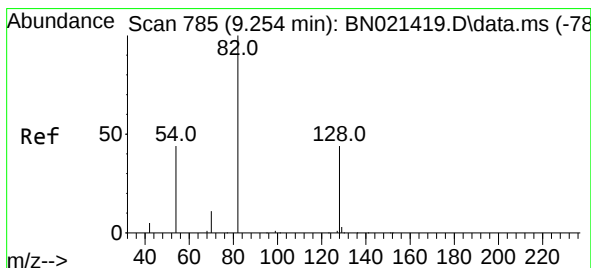
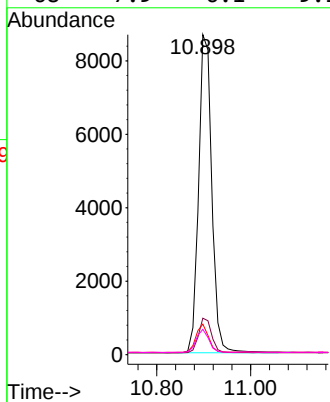
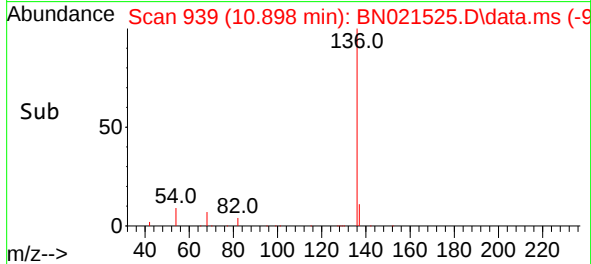
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20220821DL



Tgt Ion:136 Resp: 16925  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.3 13.9  
54 9.5 6.9 10.3  
68 7.9 6.1 9.1

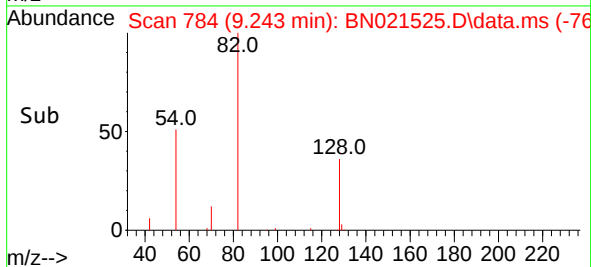
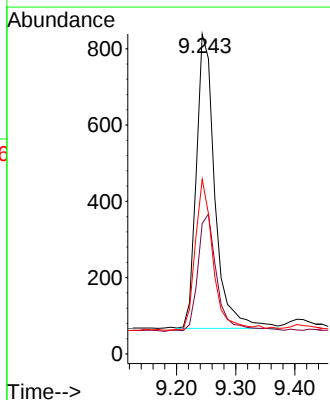
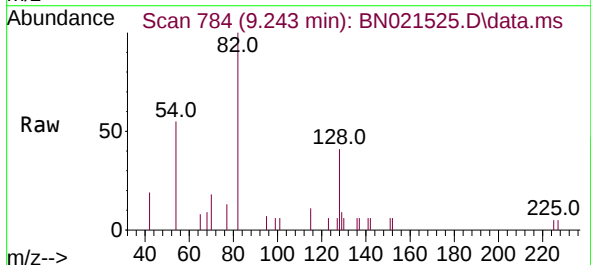
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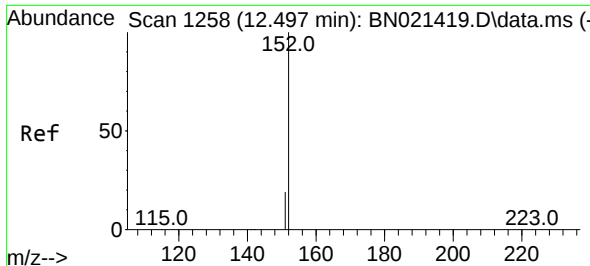
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#8  
Nitrobenzene-d5  
Concen: 0.147 ng m  
RT: 9.243 min Scan# 784  
Delta R.T. 0.000 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55

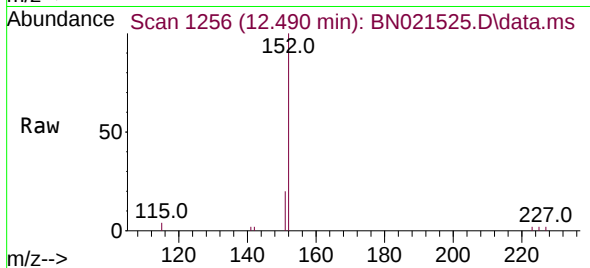
Tgt Ion: 82 Resp: 1680  
Ion Ratio Lower Upper  
82 100  
128 40.8 30.9 46.3  
54 54.6 42.7 64.1





#11  
2-Methylnaphthalene-d10  
Concen: 0.169 ng  
RT: 12.490 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55

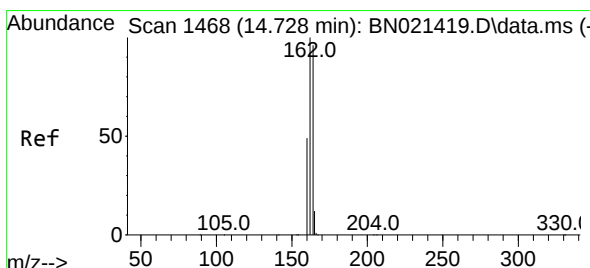
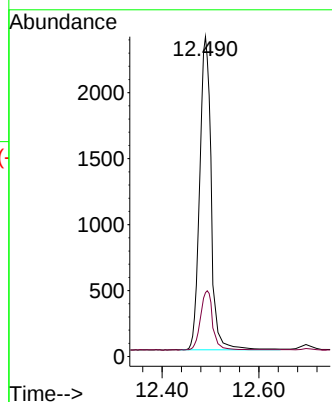
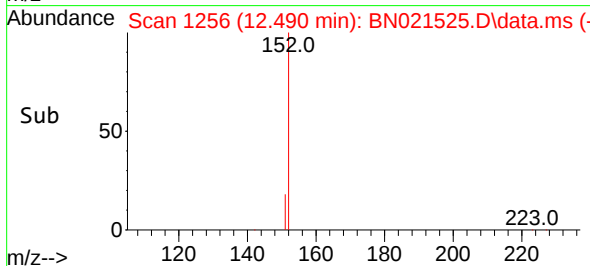
Instrument :  
BNA\_N  
ClientSampleId :  
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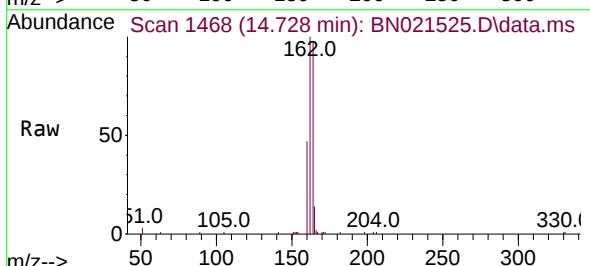
Tgt Ion:152 Resp: 6434  
Ion Ratio Lower Upper  
152 100  
151 17.8 14.5 21.7

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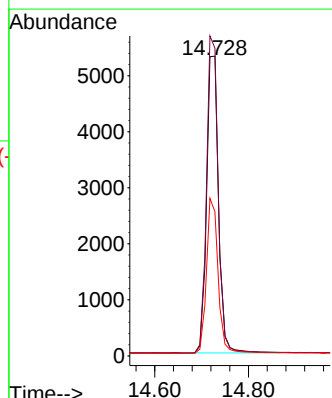
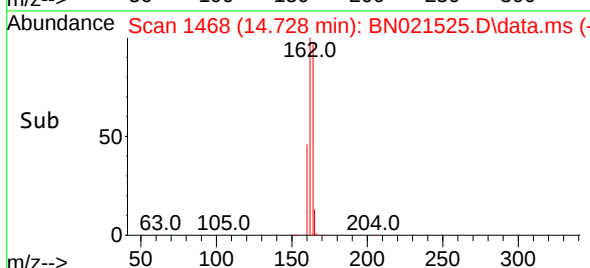
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.728 min Scan# 1468  
Delta R.T. 0.011 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55



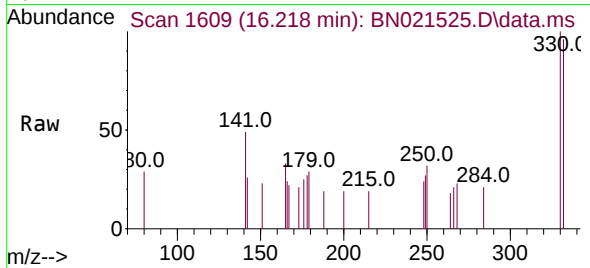
Tgt Ion:164 Resp: 9366  
Ion Ratio Lower Upper  
164 100  
162 102.7 82.2 123.4  
160 48.1 39.5 59.3





#14  
2,4,6-Tribromophenol  
Concen: 0.125 ng  
RT: 16.218 min Scan# 1609  
Delta R.T. -0.000 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55

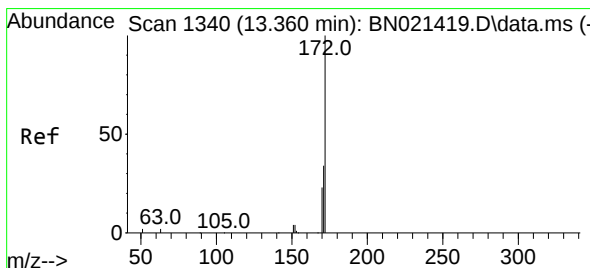
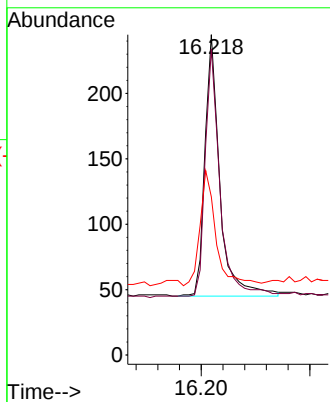
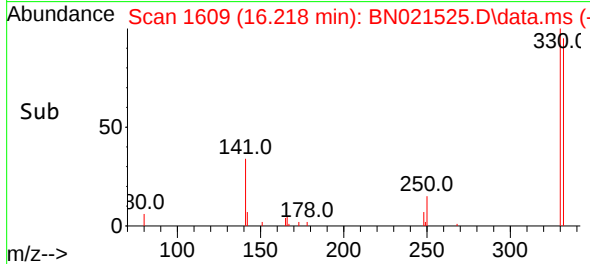
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20220821DL



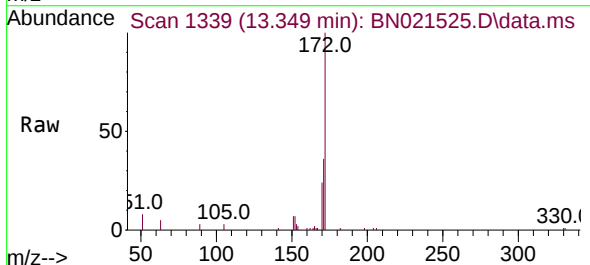
Tgt Ion: 330 Resp: 384  
Ion Ratio Lower Upper  
330 100  
332 92.4 79.3 118.9  
141 46.9 37.1 55.7

Manual Integrations  
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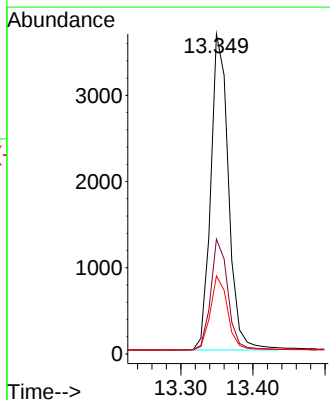
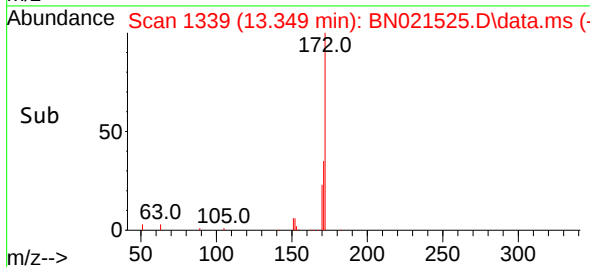
Reviewed By : Christian Giraldo 09/02/2022  
Supervised By : Jagrut Upadhyay 09/02/2022

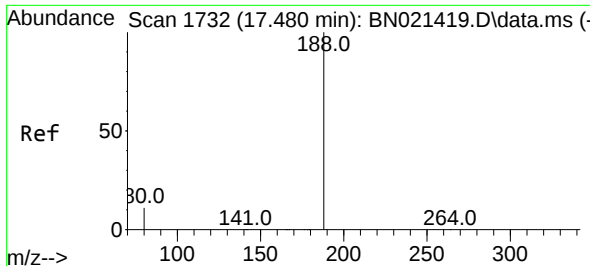


#15  
2-Fluorobiphenyl  
Concen: 0.154 ng  
RT: 13.349 min Scan# 1339  
Delta R.T. 0.000 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55



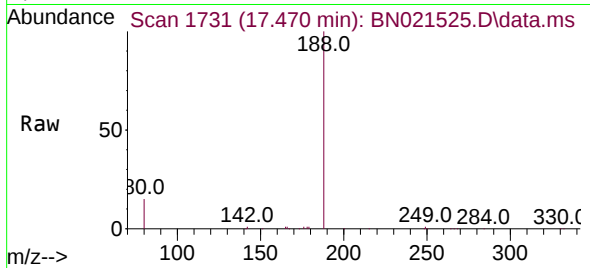
Tgt Ion: 172 Resp: 6291  
Ion Ratio Lower Upper  
172 100  
171 35.9 27.8 41.6  
170 24.4 18.6 28.0





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.470 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55

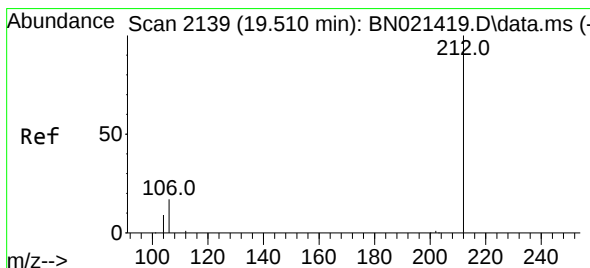
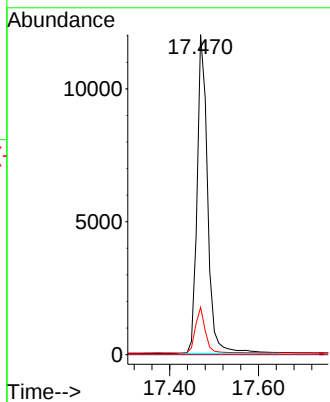
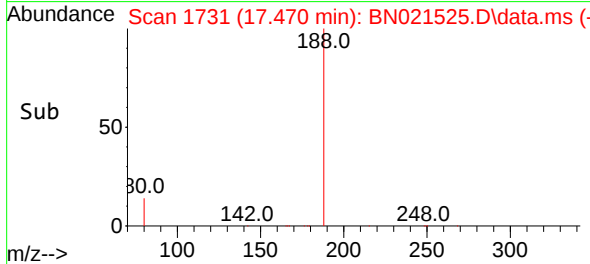
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20220821DL



Tgt Ion:188 Resp: 1969  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.8 9.5 14.3

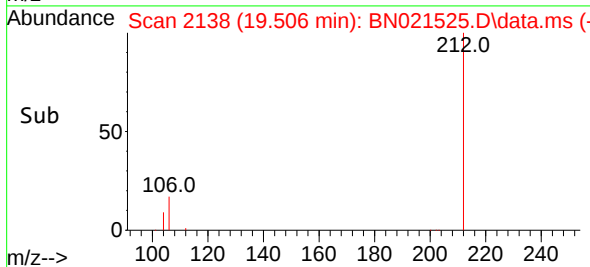
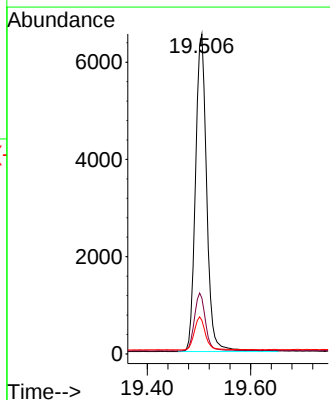
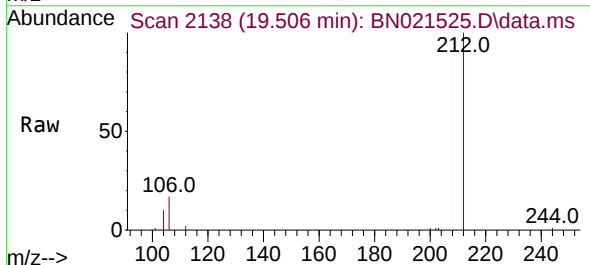
Manual Integrations  
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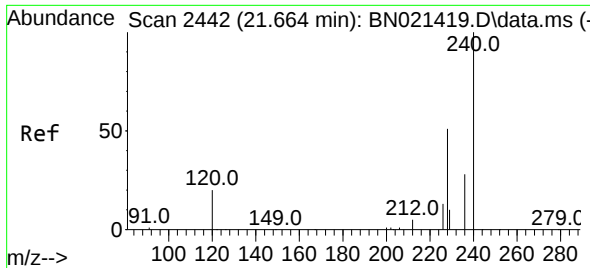
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#27  
Fluoranthene-d10  
Concen: 0.194 ng  
RT: 19.506 min Scan# 2138  
Delta R.T. 0.004 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55

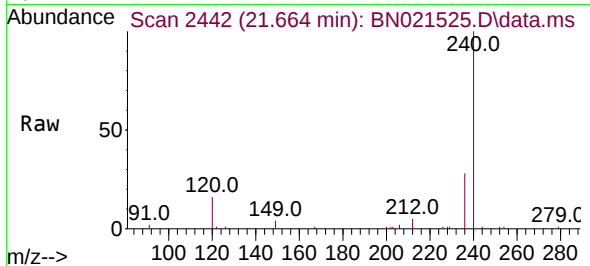
Tgt Ion:212 Resp: 9811  
Ion Ratio Lower Upper  
212 100  
106 18.0 14.2 21.2  
104 10.3 7.8 11.6





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.664 min Scan# 2442  
Delta R.T. 0.000 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55

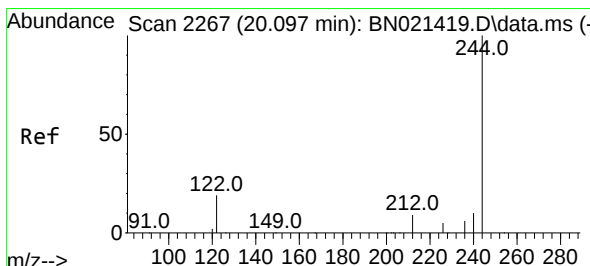
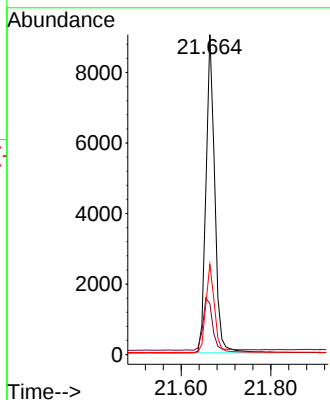
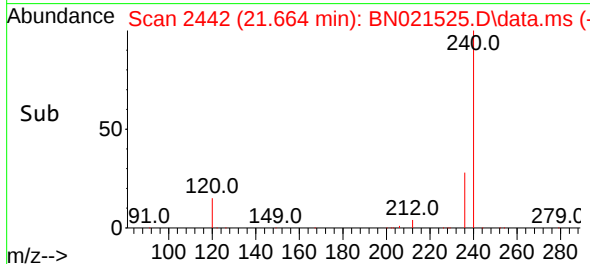
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20220821DL



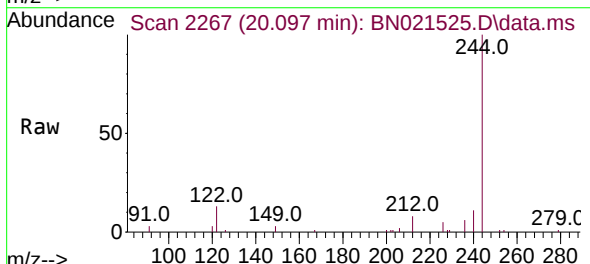
Tgt Ion:240 Resp: 12335  
Ion Ratio Lower Upper  
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236 28.2 22.1 33.1

Manual Integrations  
APPROVED

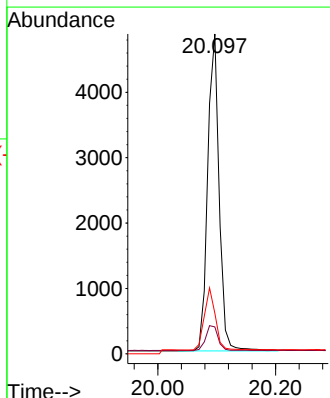
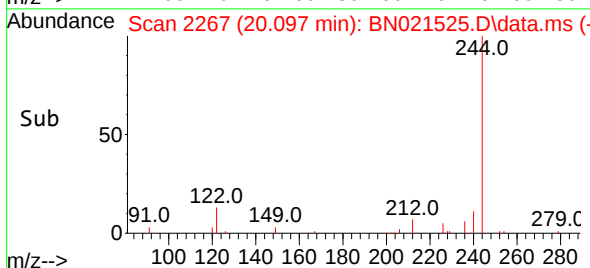
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

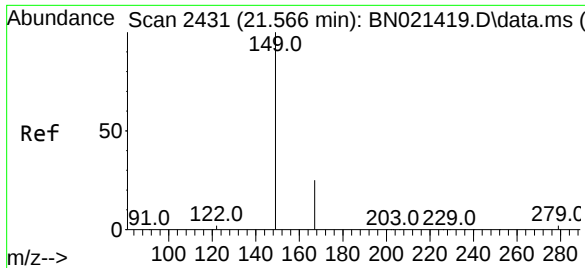


#31  
Terphenyl-d14  
Concen: 0.235 ng  
RT: 20.097 min Scan# 2267  
Delta R.T. 0.000 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55



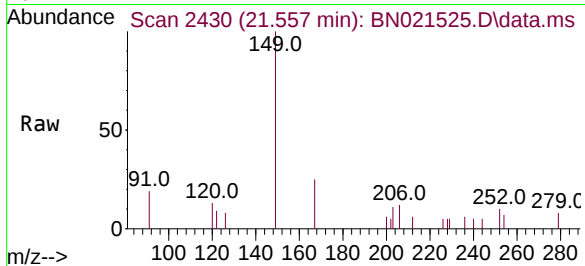
Tgt Ion:244 Resp: 6522  
Ion Ratio Lower Upper  
244 100  
212 8.4 6.5 9.7  
122 12.7 9.1 13.7





#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.053 ng  
RT: 21.557 min Scan# 2431  
Delta R.T. -0.000 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55

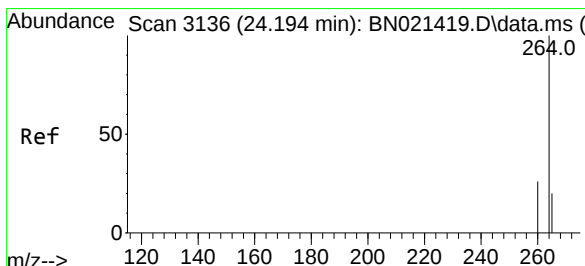
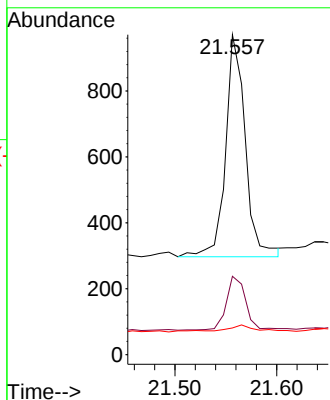
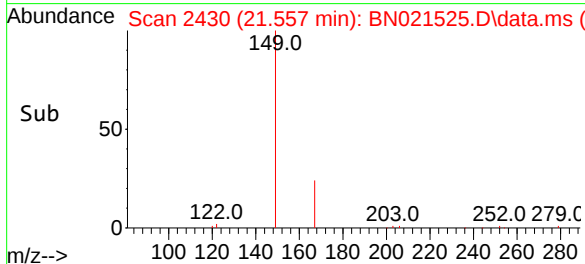
Instrument :  
BNA\_N  
ClientSampleId :  
RE131D1-20220821DL



Tgt Ion:149 Resp: 910  
Ion Ratio Lower Upper  
149 100  
167 24.6 21.4 32.0  
279 5.3 2.2 3.2

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.188 min Scan# 3134  
Delta R.T. 0.003 min  
Lab File: BN021525.D  
Acq: 01 Sep 2022 14:55

Tgt Ion:264 Resp: 5273  
Ion Ratio Lower Upper  
264 100  
260 27.7 21.0 31.6  
265 47.1 32.2 48.2

