

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092521\  
 Data File : BN016480.D  
 Acq On : 25 Sep 2021 18:08  
 Operator : CG/JU  
 Sample : M3833-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP08-20210919

Manual Integrations  
 APPROVED

mohammad  
 9/28/2021 1:36:48 PM

Quant Time: Sep 26 04:15:37 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 03:35:41 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.670  | 152  | 21301    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.432 | 136  | 92013    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.294 | 164  | 46697    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.042 | 188  | 95013    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.249 | 240  | 91196    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.515 | 264  | 78949    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.300  | 112  | 6423     | 0.134 | ng    | 0.02     |
| 5) Phenol-d6                  | 6.849  | 99   | 4347     | 0.077 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.810  | 82   | 21151    | 0.325 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.030 | 152  | 42717    | 0.313 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 4040     | 0.357 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.911 | 172  | 59697    | 0.304 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.088 | 212  | 112425   | 0.431 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.698 | 244  | 94571    | 0.446 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 34) Bis(2-ethylhexyl)phtha... | 21.185 | 149  | 19770    | 0.274 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

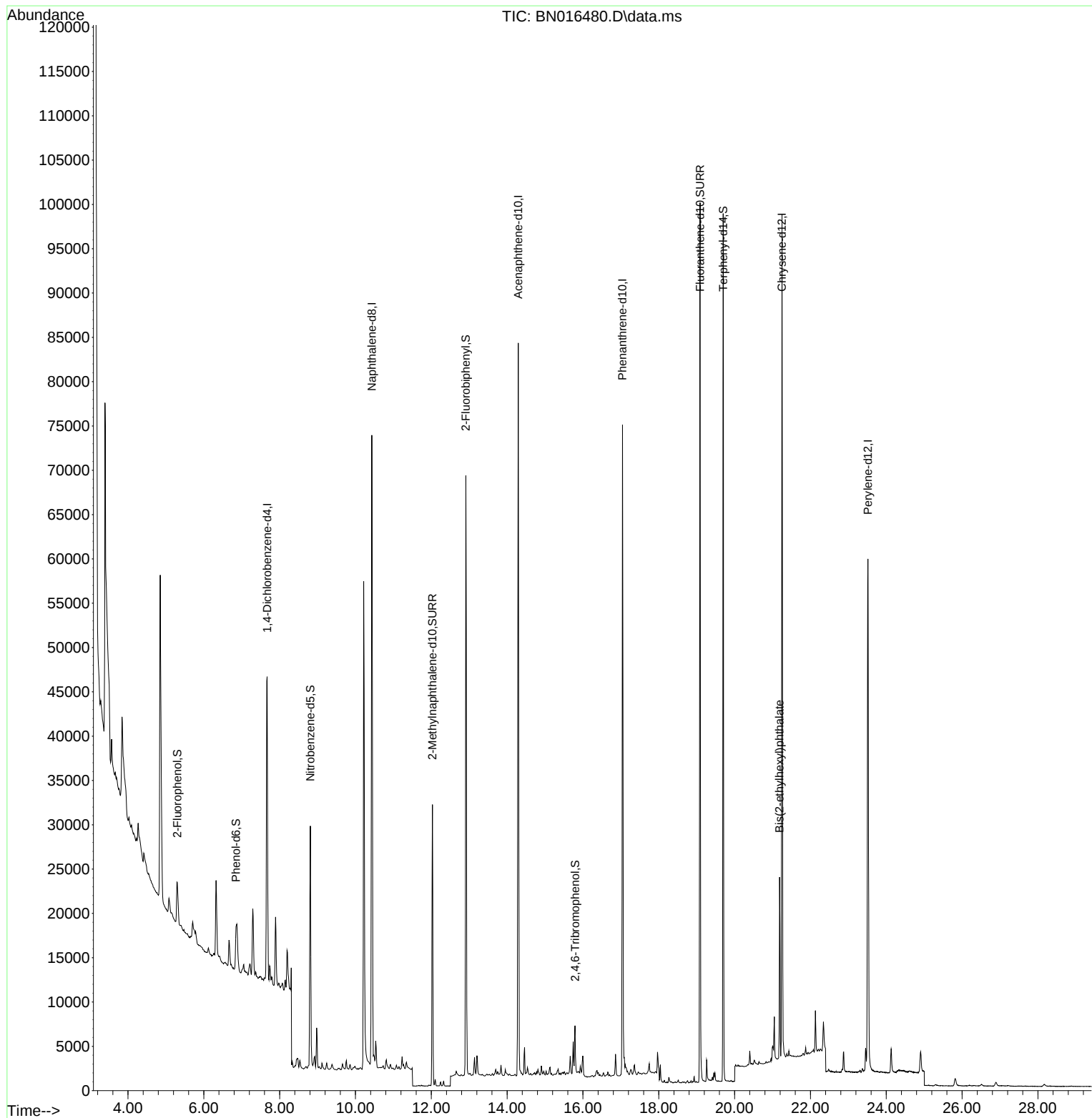
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092521\  
Data File : BN016480.D  
Acq On : 25 Sep 2021 18:08  
Operator : CG/JU  
Sample : M3833-06  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DUP08-20210919

Manual Integrations  
APPROVED

mohammad  
9/28/2021 1:36:48 PM

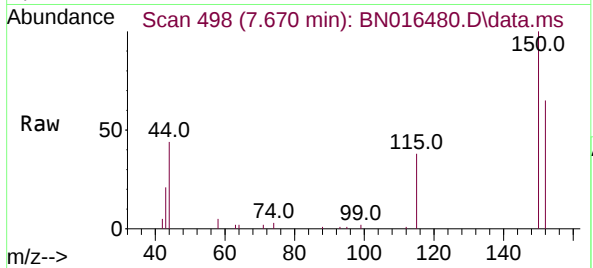
Quant Time: Sep 26 04:15:37 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN092421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 24 03:35:41 2021  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.670 min Scan# 498  
Delta R.T. 0.000 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08

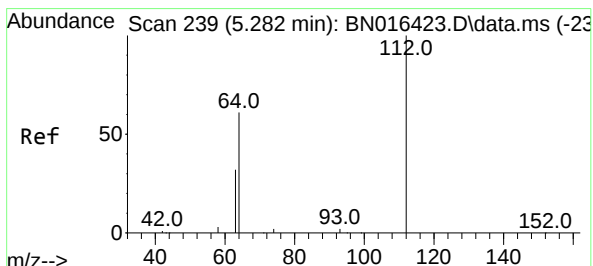
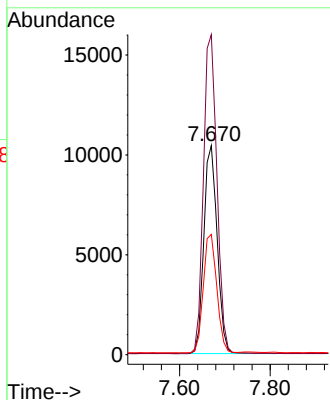
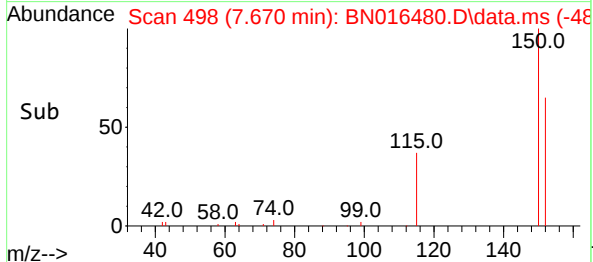
Instrument :  
BNA\_N  
ClientSampleId :  
DUP08-20210919



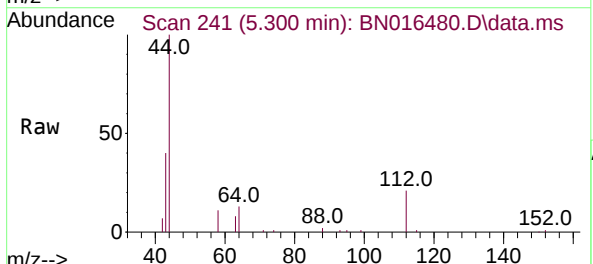
Tgt Ion:152 Resp: 21301  
Ion Ratio Lower Upper  
152 100  
150 153.0 125.6 188.4  
115 57.5 50.2 75.2

Manual Integrations  
APPROVED

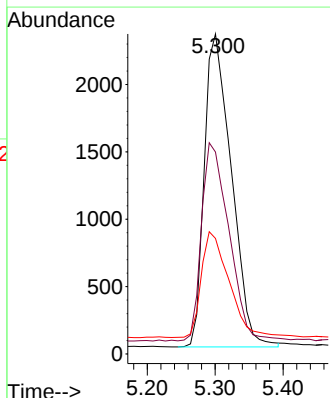
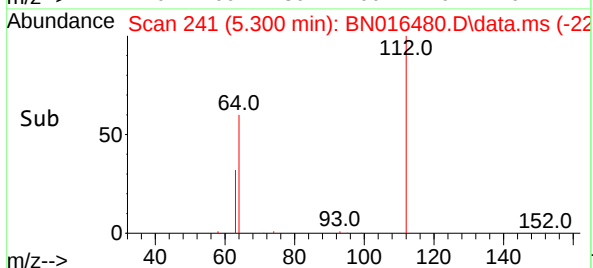
mohammad  
9/28/2021 1:36:48 PM

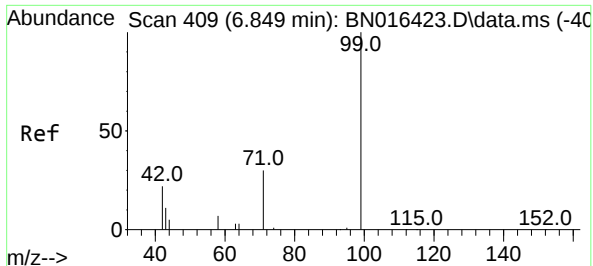


#4  
2-Fluorophenol  
Concen: 0.134 ng  
RT: 5.300 min Scan# 241  
Delta R.T. 0.019 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08



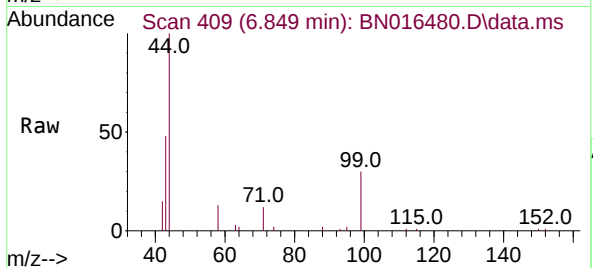
Tgt Ion:112 Resp: 6423  
Ion Ratio Lower Upper  
112 100  
64 64.1 47.3 70.9  
63 34.7 23.4 35.0





#5  
Phenol-d6  
Concen: 0.077 ng  
RT: 6.849 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08

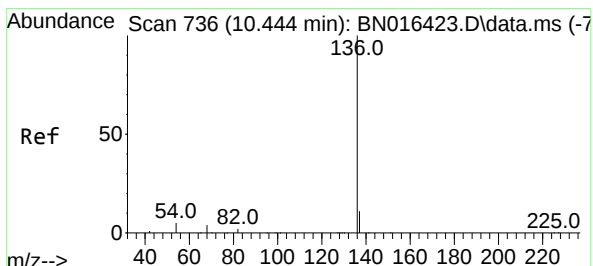
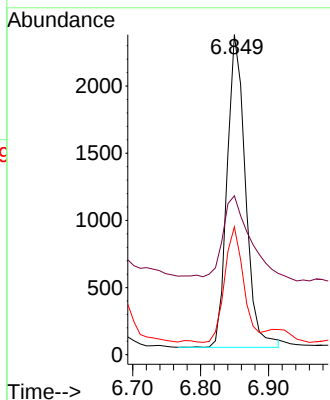
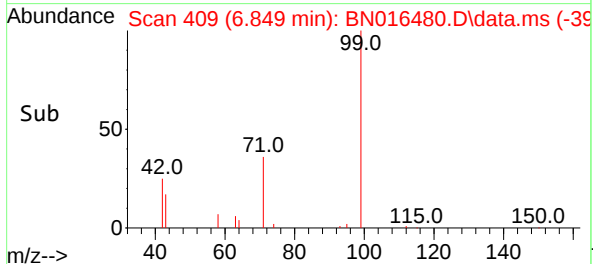
Instrument :  
BNA\_N  
ClientSampleId :  
DUP08-20210919



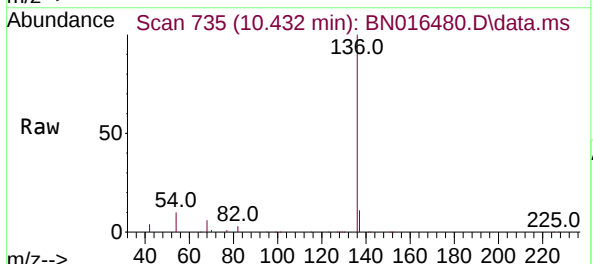
Tgt Ion: 99 Resp: 4347  
Ion Ratio Lower Upper  
99 100  
42 36.6 14.0 21.0#  
71 39.5 23.8 35.6#

Manual Integrations  
APPROVED

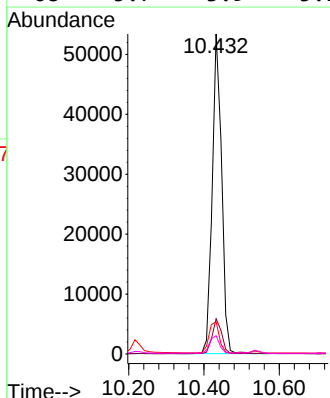
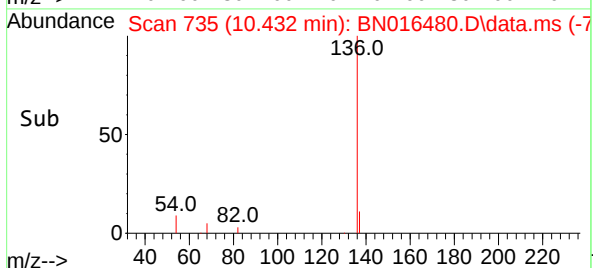
mohammad  
9/28/2021 1:36:48 PM



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.432 min Scan# 735  
Delta R.T. -0.012 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08

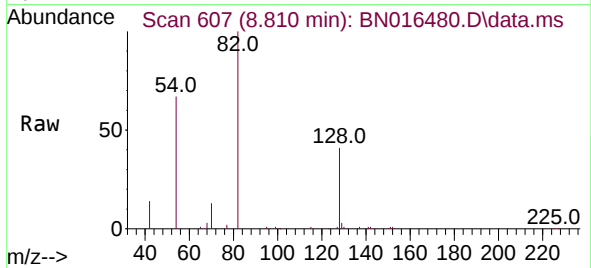


Tgt Ion: 136 Resp: 92013  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 10.1 5.3 7.9#  
68 5.7 3.9 5.9

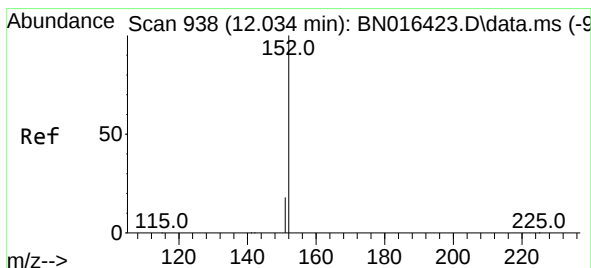
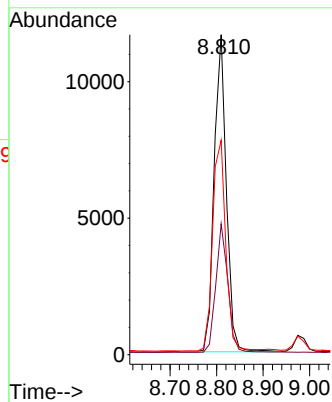
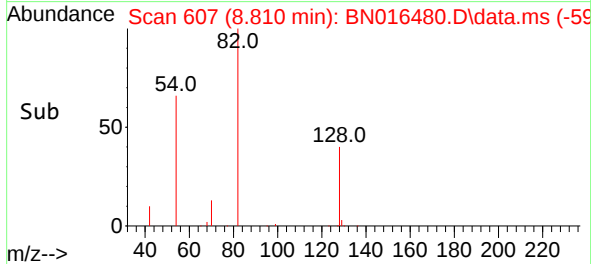




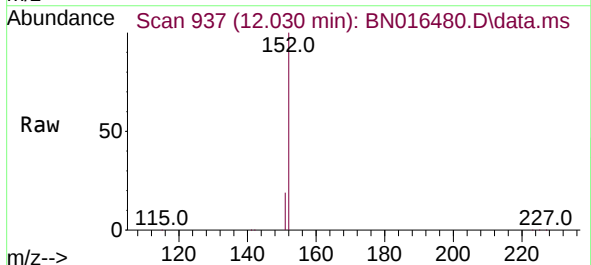
#8  
Nitrobenzene-d5  
Concen: 0.325 ng  
RT: 8.810 min Scan# 607  
Delta R.T. 0.000 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08



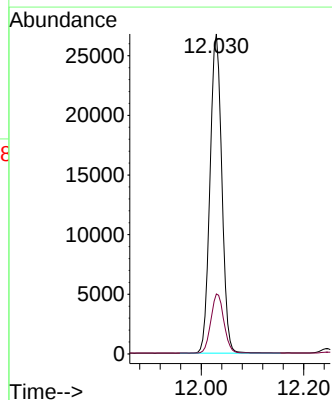
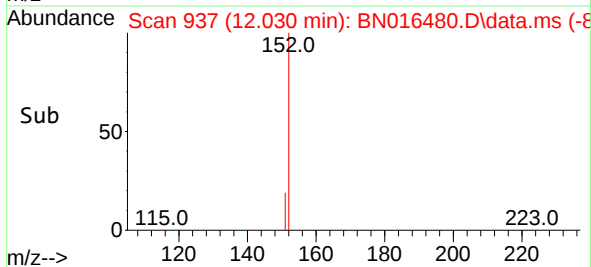
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.9  | 31.7  | 47.5  |
| 54      | 67.0  | 46.4  | 69.6  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.313 ng  
RT: 12.030 min Scan# 937  
Delta R.T. -0.004 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08



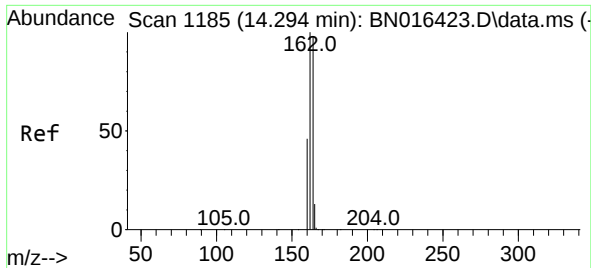
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.1  | 24.1  |



Instrument :  
BNA\_N  
ClientSampleId :  
DUP08-20210919

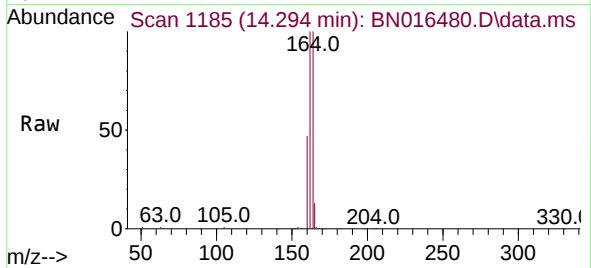
Manual Integrations  
APPROVED

mohammad  
9/28/2021 1:36:48 PM



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.294 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08

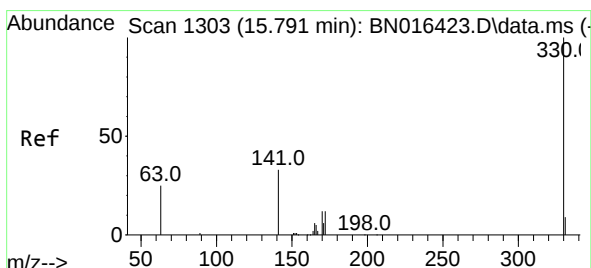
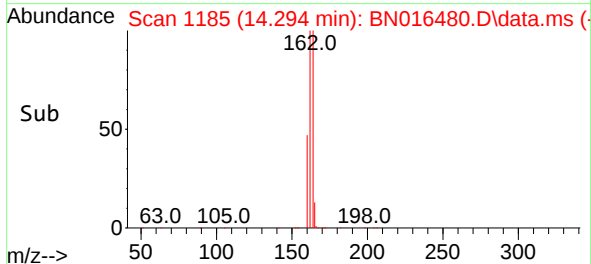
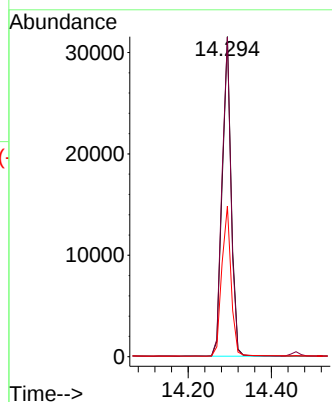
Instrument :  
BNA\_N  
ClientSampleId :  
DUP08-20210919



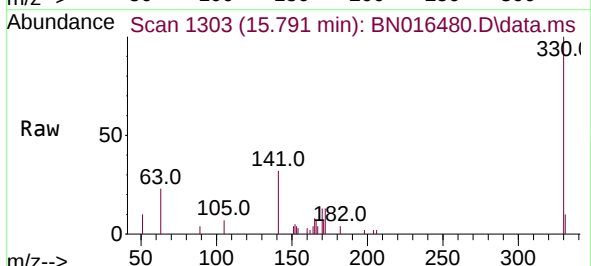
Tgt Ion:164 Resp: 46697  
Ion Ratio Lower Upper  
164 100  
162 99.9 79.0 118.4  
160 47.1 34.1 51.1

Manual Integrations  
APPROVED

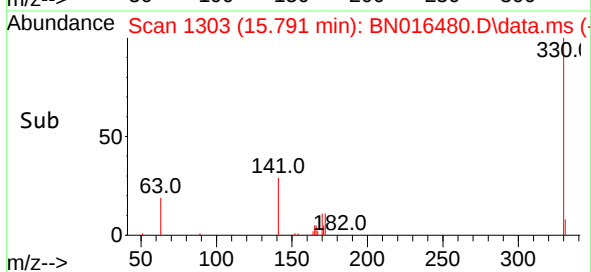
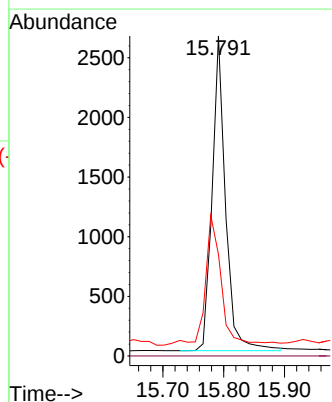
mohammad  
9/28/2021 1:36:48 PM

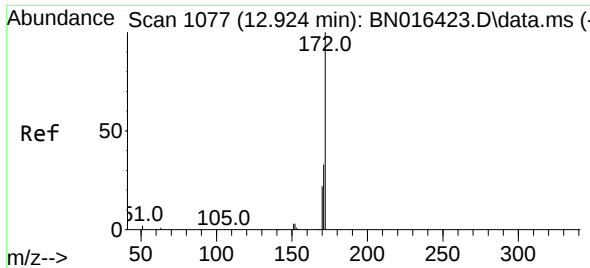


#14  
2,4,6-Tribromophenol  
Concen: 0.357 ng  
RT: 15.791 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08



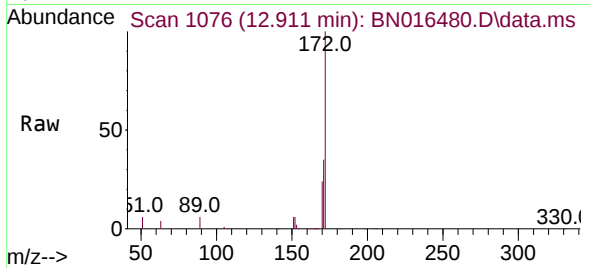
Tgt Ion:330 Resp: 4040  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 44.5 25.0 37.4#





#15  
2-Fluorobiphenyl  
Concen: 0.304 ng  
RT: 12.911 min Scan# 1076  
Delta R.T. -0.012 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08

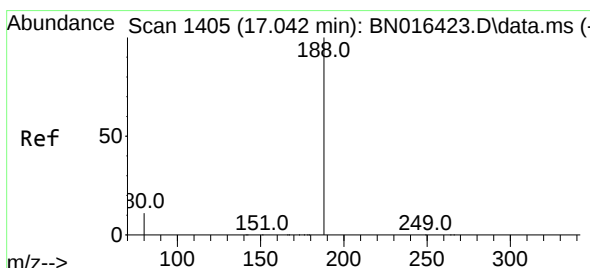
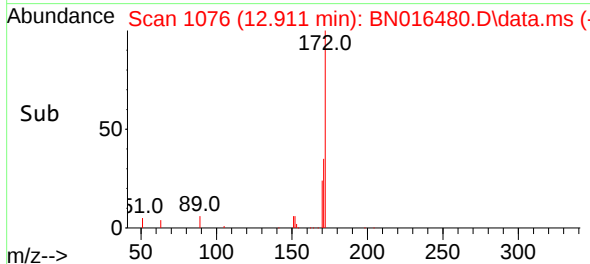
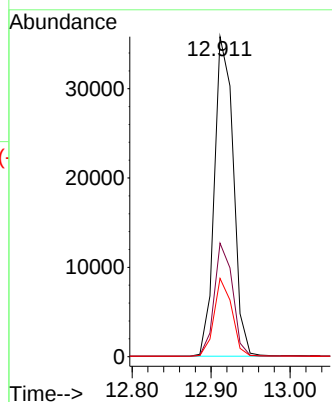
Instrument :  
BNA\_N  
ClientSampleId :  
DUP08-20210919



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 59697 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.4  | 27.8  | 41.6  |
| 170       | 24.5  | 18.2  | 27.2  |

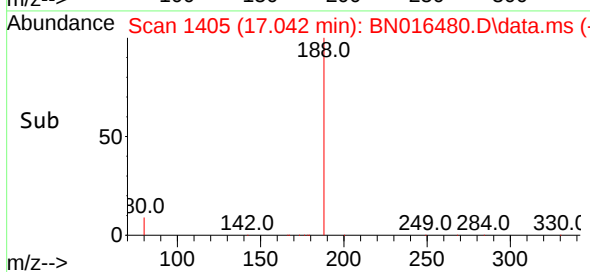
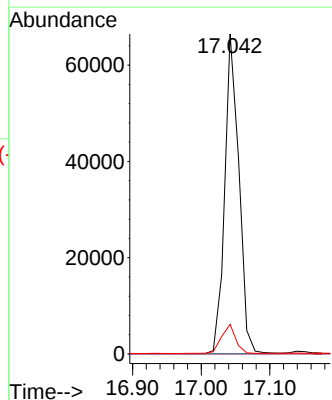
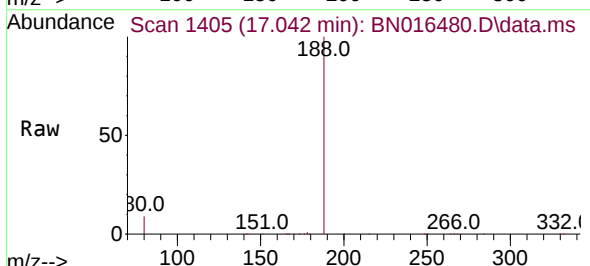
Manual Integrations  
APPROVED

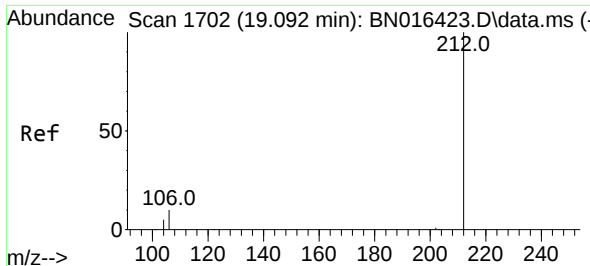
mohammad  
9/28/2021 1:36:48 PM



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.042 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08

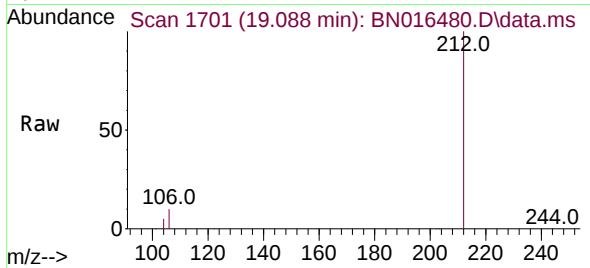
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 95013 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 9.2   | 7.0   | 10.6  |





#27  
Fluoranthene-d10  
Concen: 0.431 ng  
RT: 19.088 min Scan# 1701  
Delta R.T. -0.005 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08

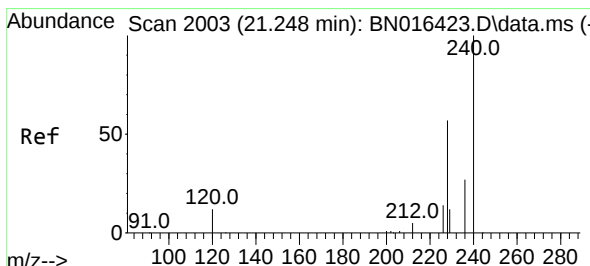
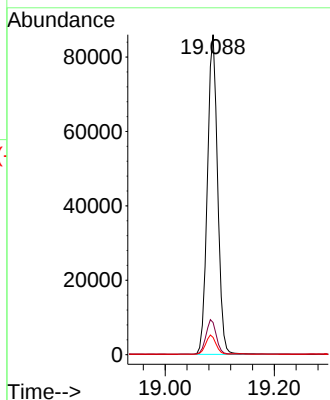
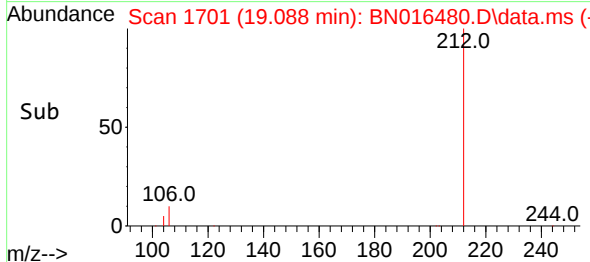
Instrument :  
BNA\_N  
ClientSampleId :  
DUP08-20210919



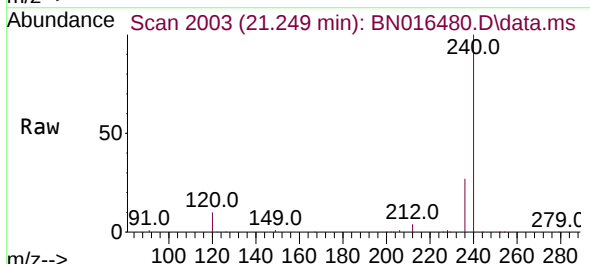
Tgt Ion:212 Resp: 112425  
Ion Ratio Lower Upper  
212 100  
106 10.8 9.8 14.6  
104 6.0 5.4 8.2

Manual Integrations  
APPROVED

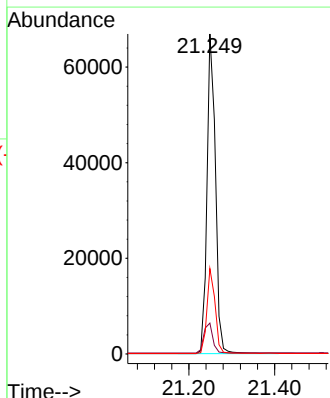
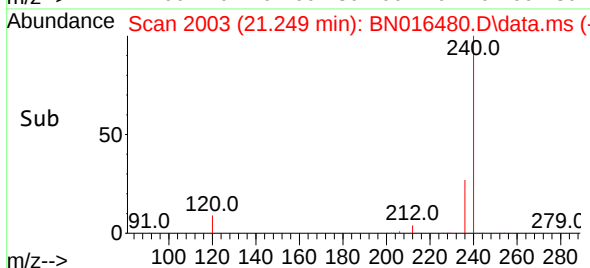
mohammad  
9/28/2021 1:36:48 PM

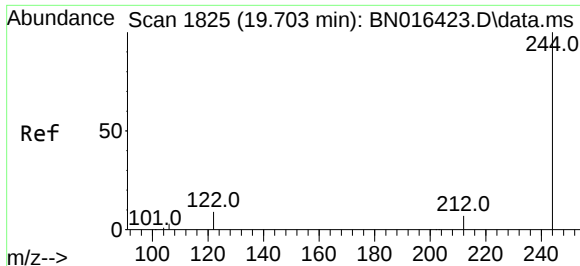


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.249 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08



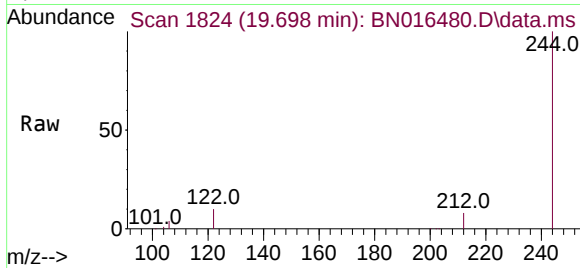
Tgt Ion:240 Resp: 91196  
Ion Ratio Lower Upper  
240 100  
120 9.7 5.3 7.9#  
236 26.7 19.8 29.8





#31  
Terphenyl-d14  
Concen: 0.446 ng  
RT: 19.698 min Scan# 1824  
Delta R.T. -0.005 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08

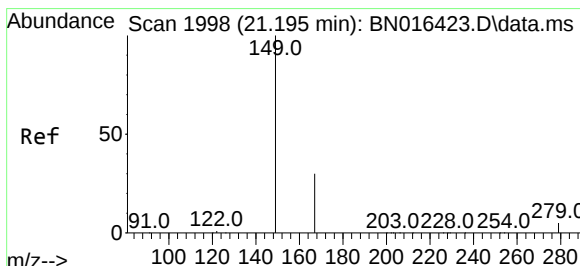
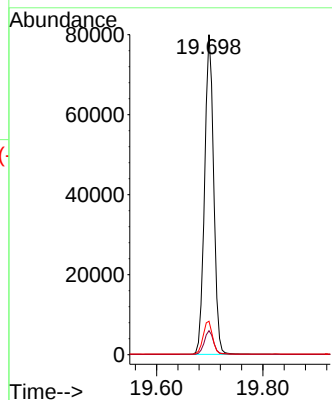
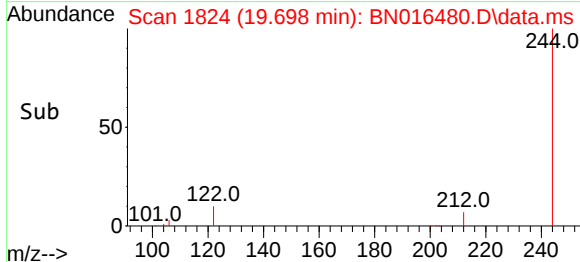
Instrument :  
BNA\_N  
ClientSampleId :  
DUP08-20210919



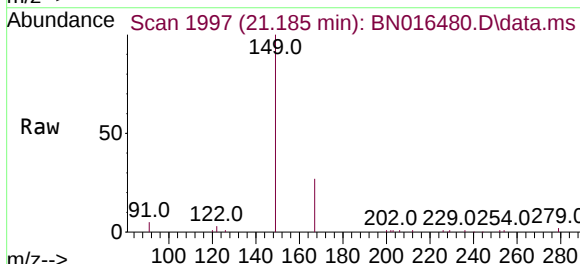
Tgt Ion:244 Resp: 94571  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.5 8.3  
122 10.4 9.0 13.4

Manual Integrations  
APPROVED

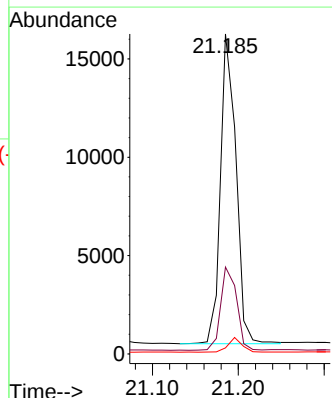
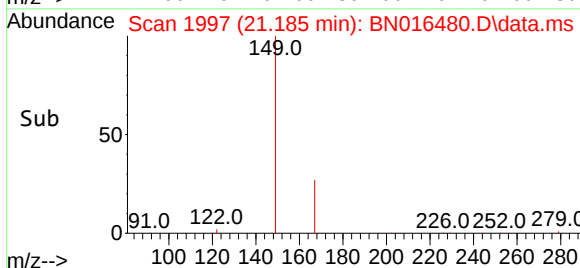
mohammad  
9/28/2021 1:36:48 PM

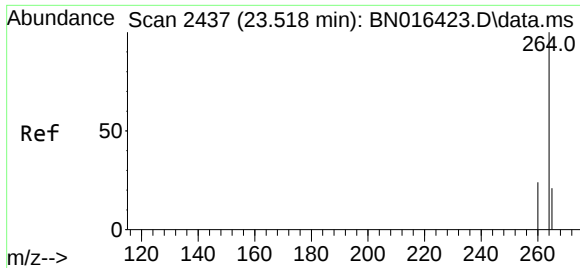


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.274 ng  
RT: 21.185 min Scan# 1997  
Delta R.T. -0.010 min  
Lab File: BN016480.D  
Acq: 25 Sep 2021 18:08



Tgt Ion:149 Resp: 19770  
Ion Ratio Lower Upper  
149 100  
167 27.7 23.4 35.0  
279 4.2 3.9 5.9





#35

Perylene-d12

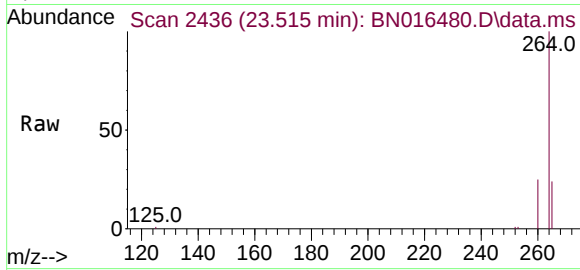
Concen: 0.400 ng

RT: 23.515 min Scan# 2436

Delta R.T. -0.003 min

Lab File: BN016480.D

Acq: 25 Sep 2021 18:08



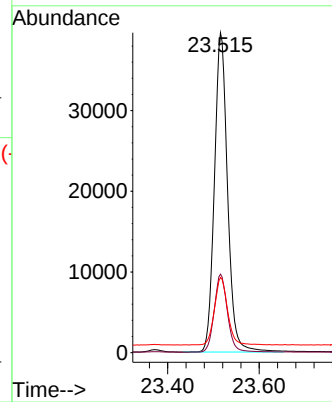
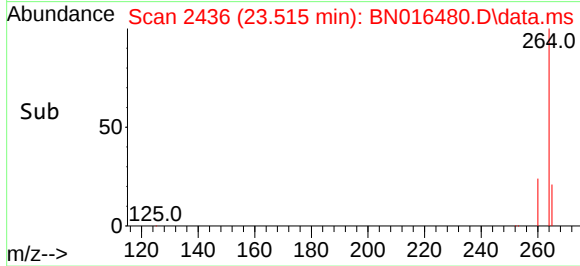
Tgt Ion:264 Resp: 78949

Ion Ratio Lower Upper

264 100

260 24.5 18.9 28.3

265 23.5 23.7 35.5#



Instrument :

BNA\_N

ClientSampleId :

DUP08-20210919

Manual Integrations

APPROVED

mohammad  
9/28/2021 1:36:48 PM