

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092021\  
 Data File : BN016351.D  
 Acq On : 20 Sep 2021 19:22  
 Operator : CG/JU  
 Sample : M3817-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SW-RR-02-(1.0)

Manual Integrations  
 APPROVED

mohammad  
 9/21/2021 11:30:28 AM

Quant Time: Sep 21 01:34:08 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 20 11:09:23 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.688  | 152  | 24121    | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.457 | 136  | 104637   | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.307 | 164  | 59666    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.054 | 188  | 114735   | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.259 | 240  | 123460   | 0.40 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.522 | 264  | 126790   | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.309  | 112  | 6277     | 0.10 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.868  | 99   | 4331     | 0.06 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.822  | 82   | 17402    | 0.28 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.047 | 152  | 39808    | 0.24 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.804 | 330  | 6370     | 0.36 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.936 | 172  | 52584    | 0.23 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.098 | 212  | 92017    | 0.28 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.708 | 244  | 71187    | 0.25 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 9) Naphthalene                | 10.508 | 128  | 733227   | 2.60 | ng    | 100      |
| 12) 2-Methylnaphthalene       | 12.118 | 142  | 14609    | 0.08 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.195 | 149  | 26664    | 0.12 | ng    | 100      |
| -----                         |        |      |          |      |       |          |

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

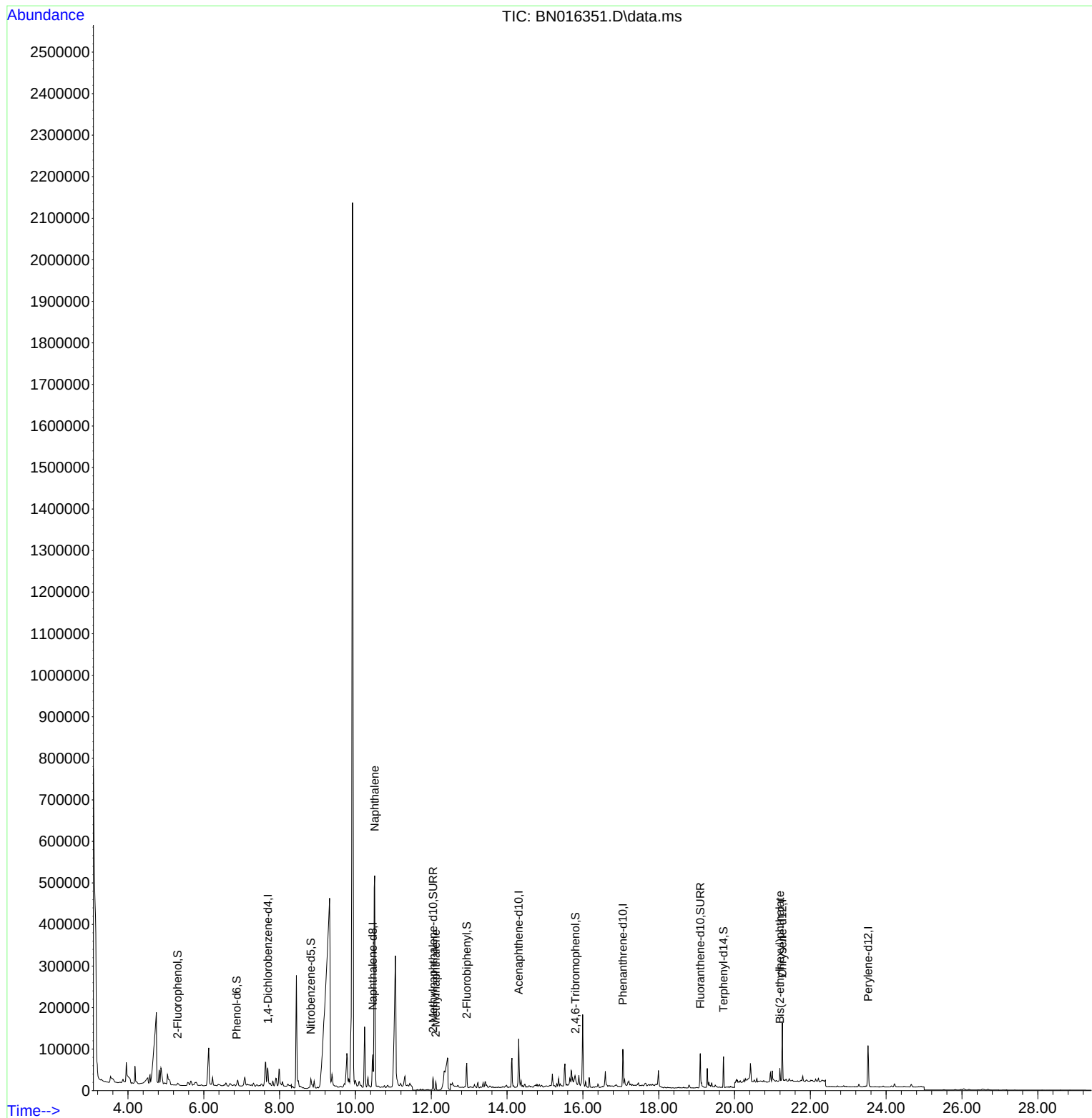
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092021\  
Data File : BN016351.D  
Acq On : 20 Sep 2021 19:22  
Operator : CG/JU  
Sample : M3817-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

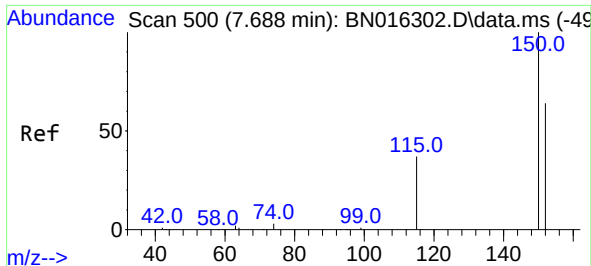
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)

Manual Integrations  
APPROVED

mohammad  
9/21/2021 11:30:28 AM

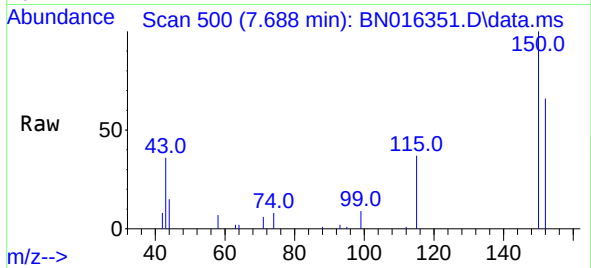
Quant Time: Sep 21 01:34:08 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 20 11:09:23 2021  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.688 min Scan# 500  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22

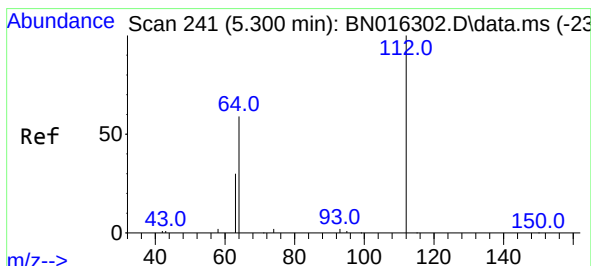
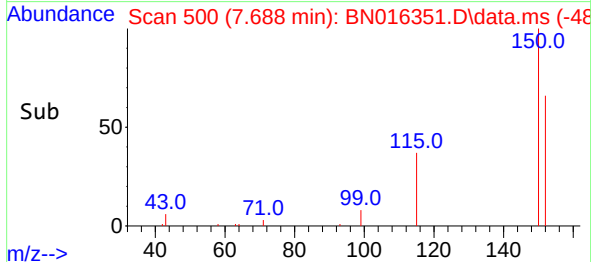
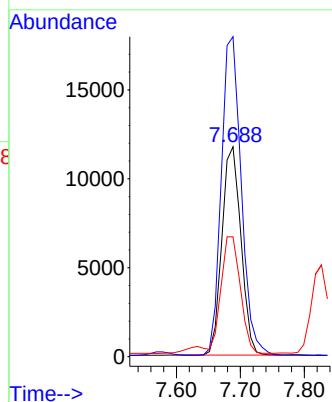
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)



Tgt Ion:152 Resp: 24121  
Ion Ratio Lower Upper  
152 100  
150 152.5 125.6 188.4  
115 57.1 50.2 75.2

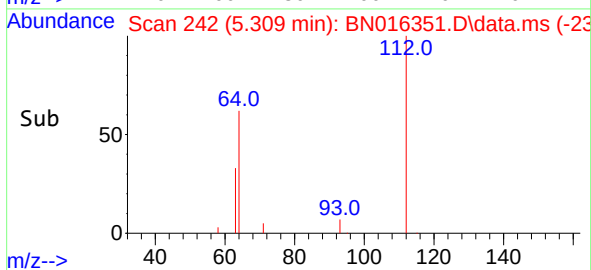
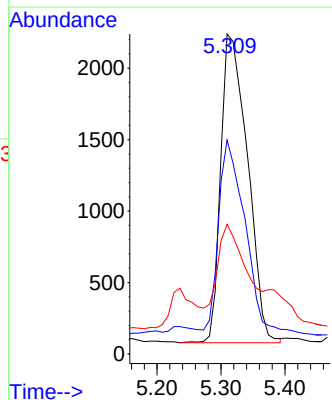
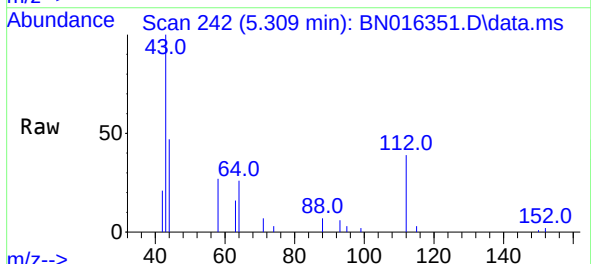
Manual Integrations  
APPROVED

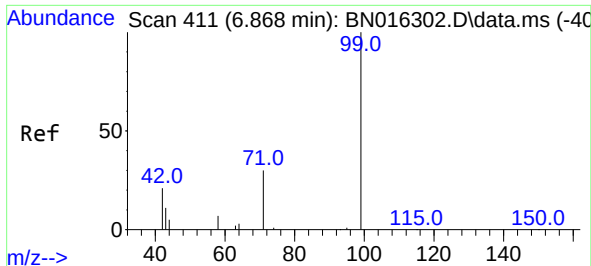
mohammad  
9/21/2021 11:30:28 AM



#4  
2-Fluorophenol  
Concen: 0.10 ng  
RT: 5.309 min Scan# 242  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22

Tgt Ion:112 Resp: 6277  
Ion Ratio Lower Upper  
112 100  
64 60.4 47.3 70.9  
63 37.4 23.4 35.0#





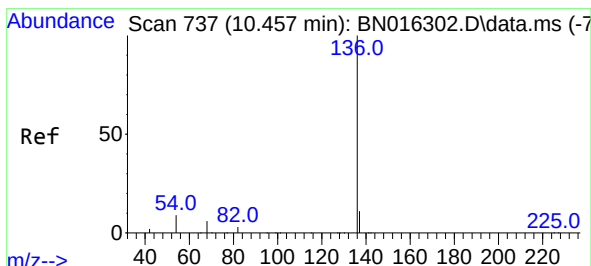
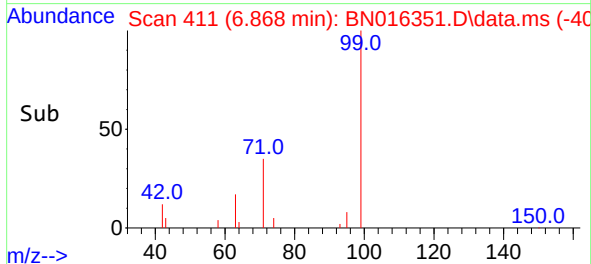
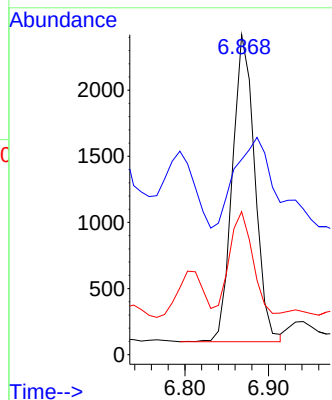
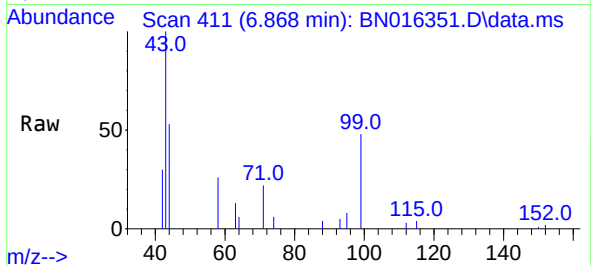
#5  
Phenol-d6  
Concen: 0.06 ng  
RT: 6.868 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22

Tgt Ion: 99 Resp: 4331  
Ion Ratio Lower Upper  
99 100  
42 48.5 14.0 21.0#  
71 33.5 23.8 35.6

Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)

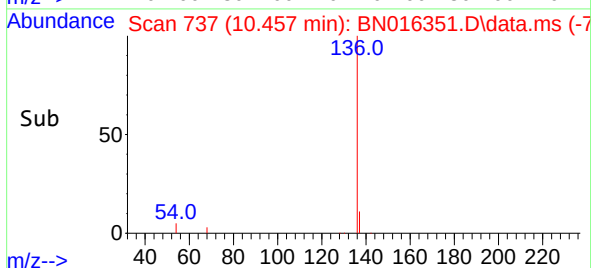
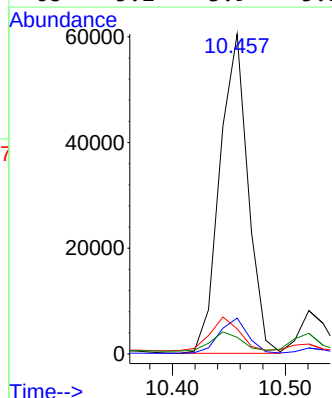
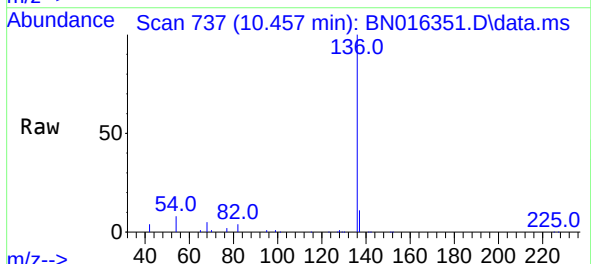
Manual Integrations  
APPROVED

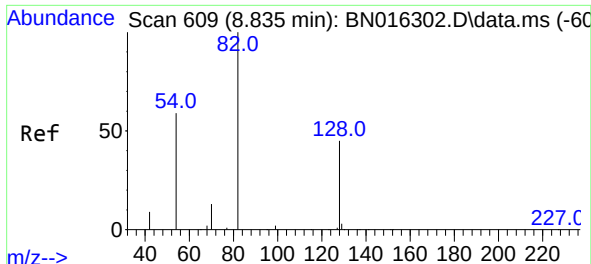
mohammad  
9/21/2021 11:30:28 AM



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.457 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22

Tgt Ion: 136 Resp: 104637  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 7.9 5.3 7.9  
68 5.2 3.9 5.9





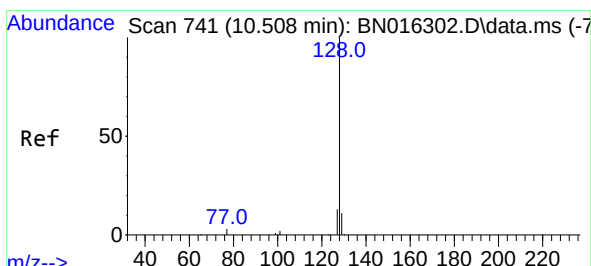
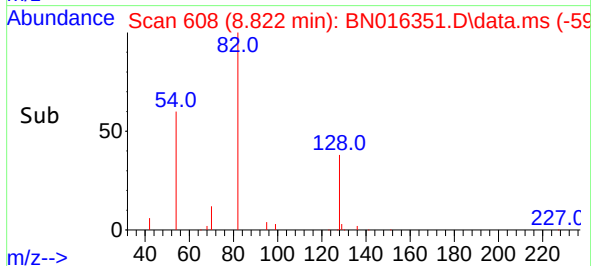
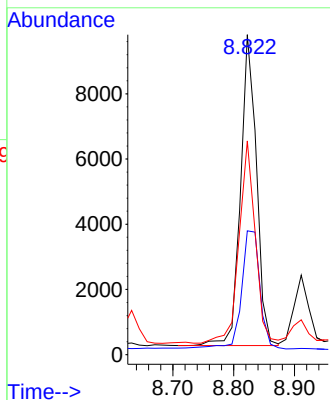
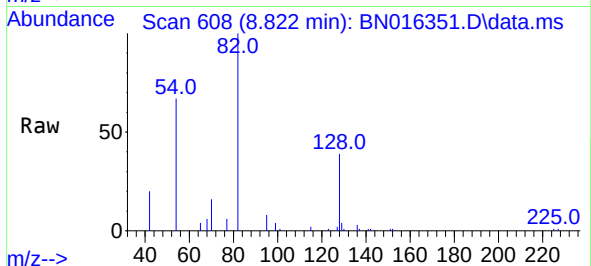
#8  
Nitrobenzene-d5  
Concen: 0.28 ng  
RT: 8.822 min Scan# 608  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22

Tgt Ion: 82 Resp: 17402  
Ion Ratio Lower Upper  
82 100  
128 38.7 31.7 47.5  
54 66.8 46.4 69.6

Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)

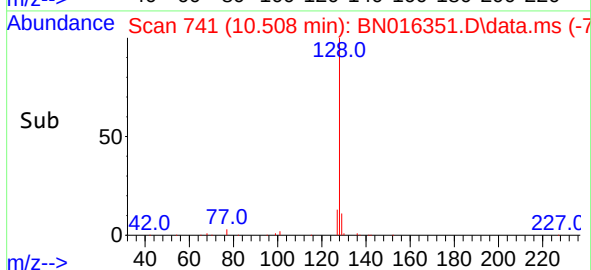
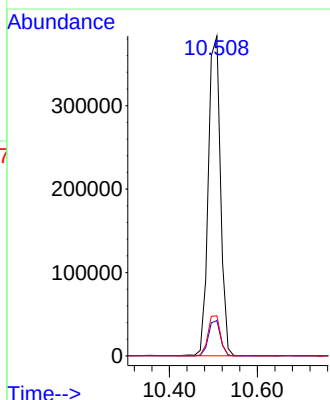
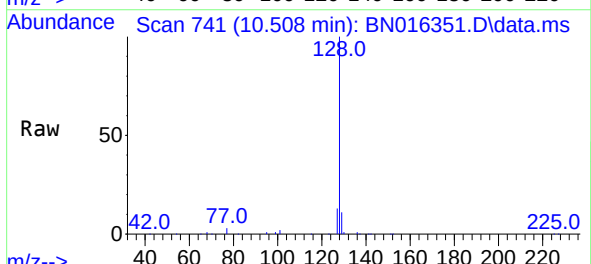
Manual Integrations  
APPROVED

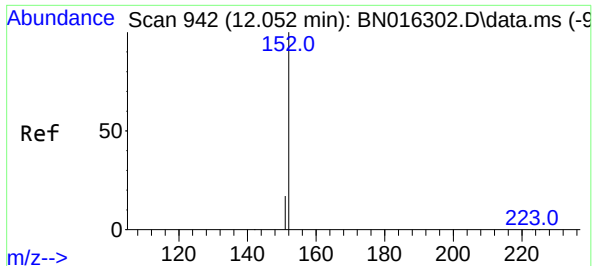
mohammad  
9/21/2021 11:30:28 AM



#9  
Naphthalene  
Concen: 2.60 ng  
RT: 10.508 min Scan# 741  
Delta R.T. 0.013 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22

Tgt Ion: 128 Resp: 733227  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 12.5 10.1 15.1





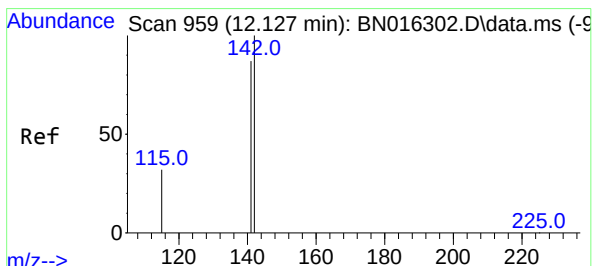
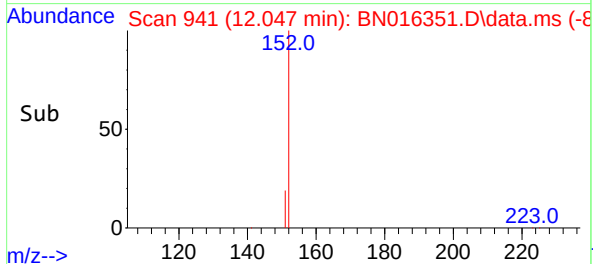
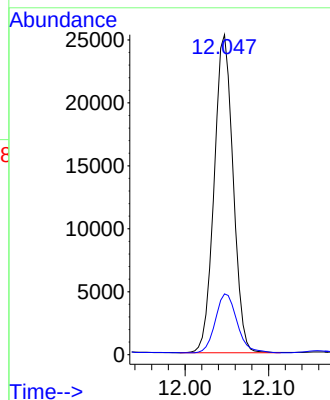
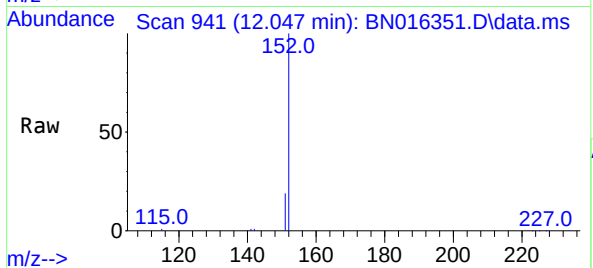
#11  
2-Methylnaphthalene-d10  
Concen: 0.24 ng  
RT: 12.047 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22

Tgt Ion:152 Resp: 39808  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.1 24.1

Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)

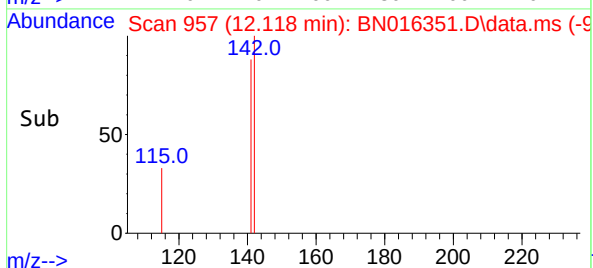
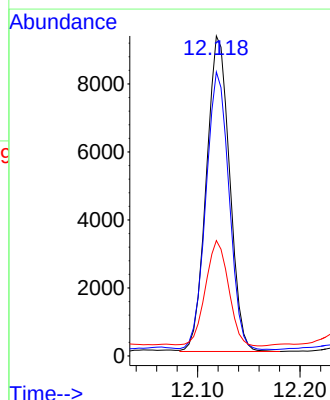
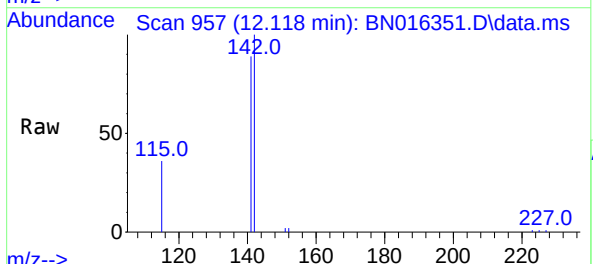
Manual Integrations  
APPROVED

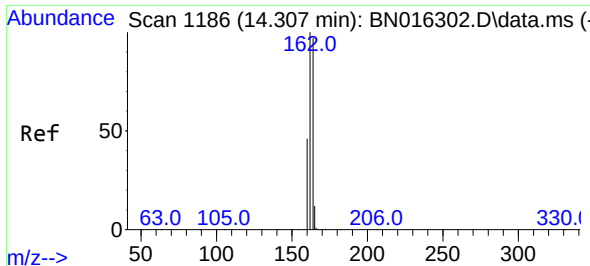
mohammad  
9/21/2021 11:30:28 AM



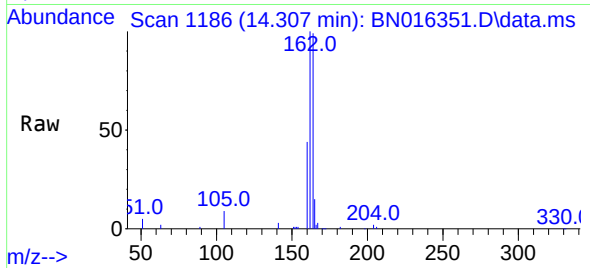
#12  
2-Methylnaphthalene  
Concen: 0.08 ng  
RT: 12.118 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22

Tgt Ion:142 Resp: 14609  
Ion Ratio Lower Upper  
142 100  
141 88.8 69.8 104.8  
115 36.1 24.4 36.6

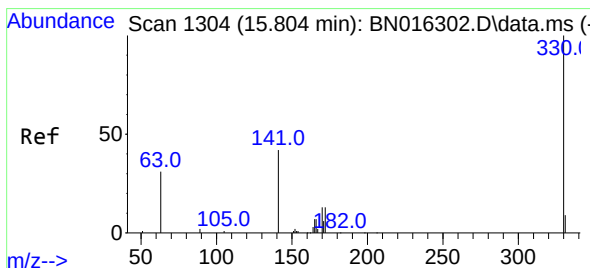
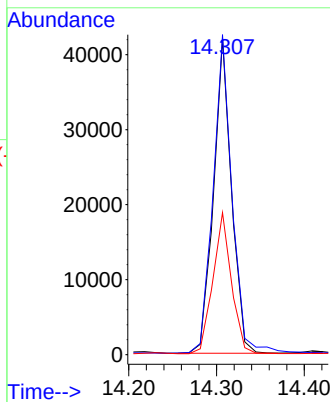
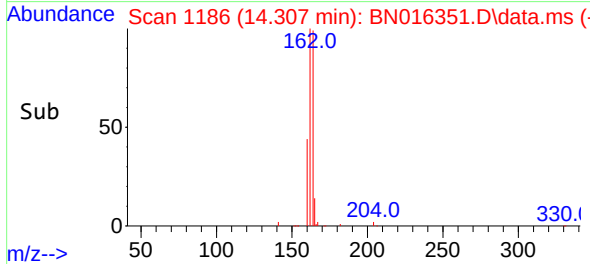




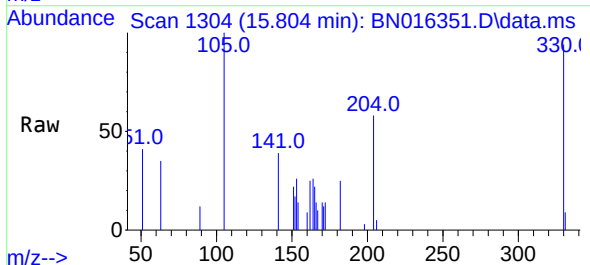
#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.307 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22



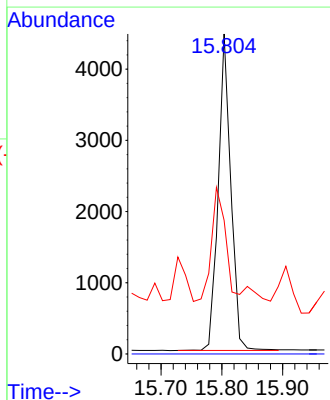
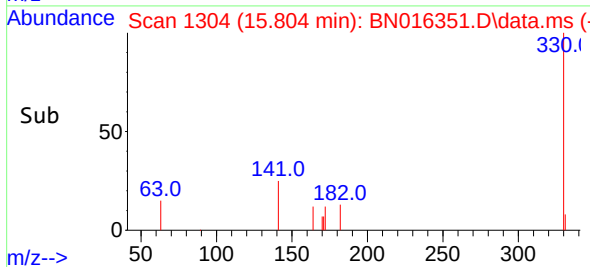
Tgt Ion:164 Resp: 59666  
Ion Ratio Lower Upper  
164 100  
162 101.2 79.0 118.4  
160 45.0 34.1 51.1



#14  
2,4,6-Tribromophenol  
Concen: 0.36 ng  
RT: 15.804 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22



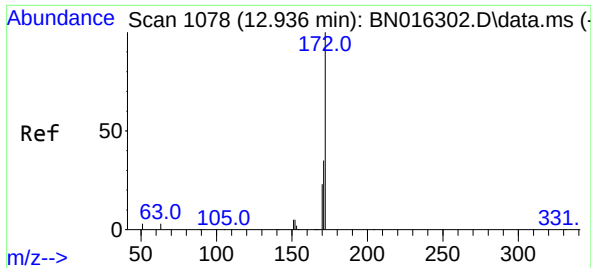
Tgt Ion:330 Resp: 6370  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 40.6 25.0 37.4#



Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)

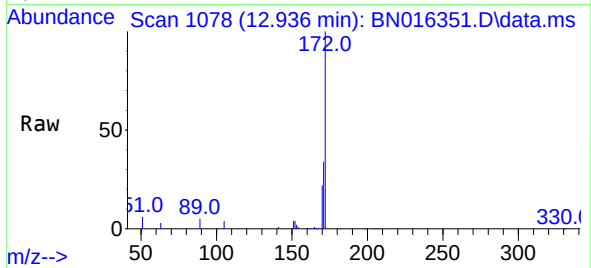
Manual Integrations  
APPROVED

mohammad  
9/21/2021 11:30:28 AM



#15  
2-Fluorobiphenyl  
Concen: 0.23 ng  
RT: 12.936 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22

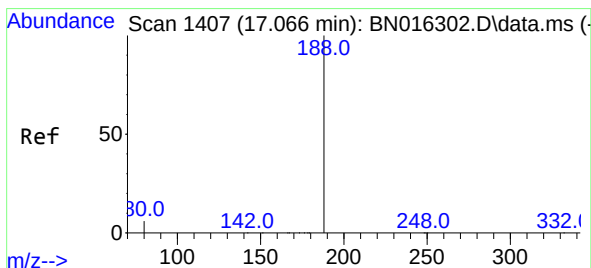
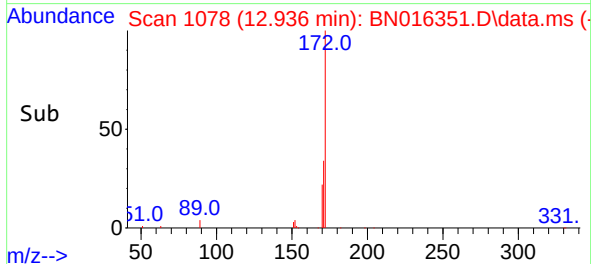
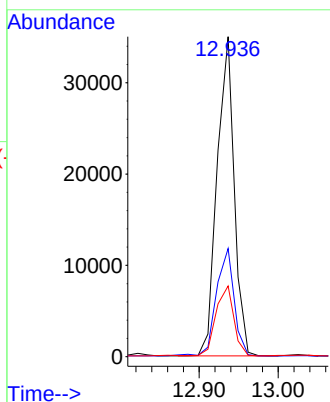
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)



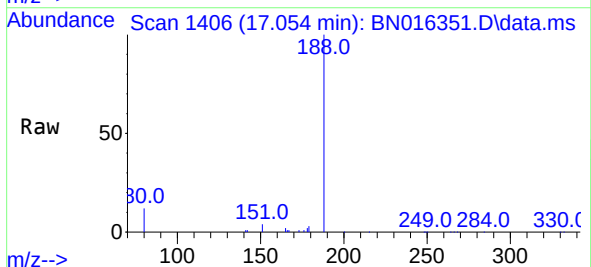
Tgt Ion:172 Resp: 52584  
Ion Ratio Lower Upper  
172 100  
171 33.8 27.8 41.6  
170 22.1 18.2 27.2

Manual Integrations  
APPROVED

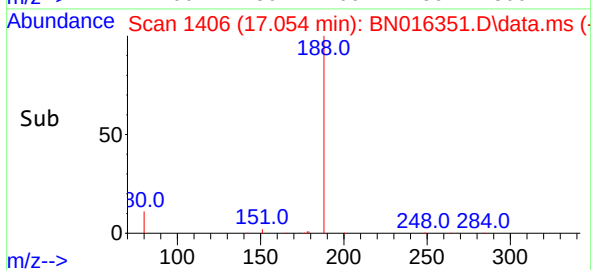
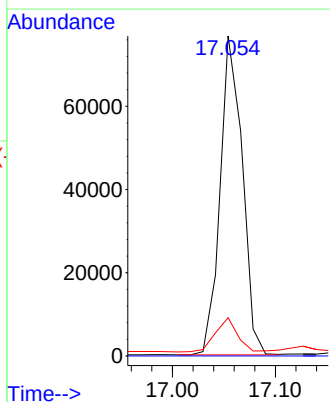
mohammad  
9/21/2021 11:30:28 AM



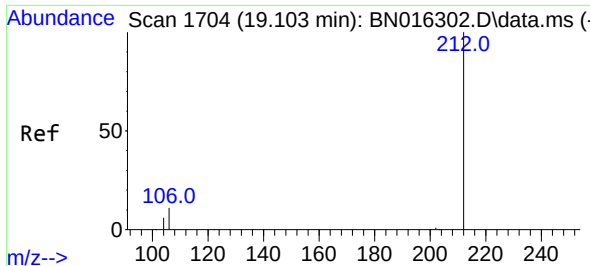
#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.054 min Scan# 1406  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22



Tgt Ion:188 Resp: 114735  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.0 7.0 10.6#







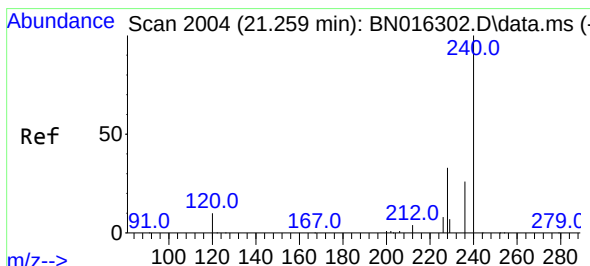
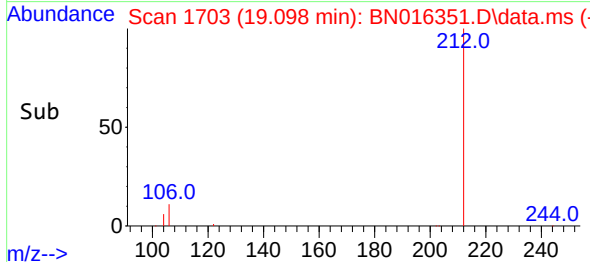
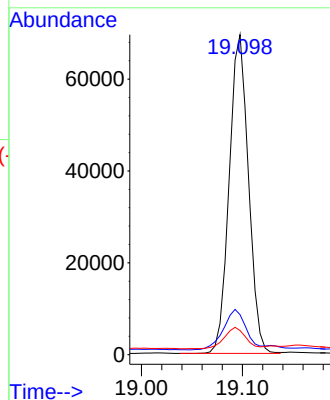
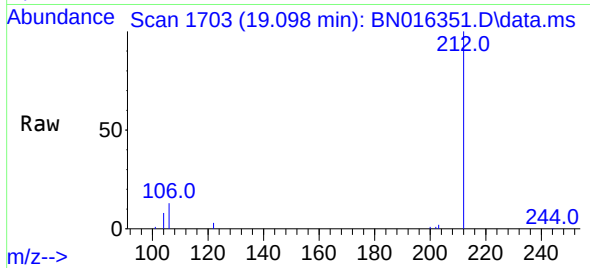
#27  
Fluoranthene-d10  
Concen: 0.28 ng  
RT: 19.098 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22

Tgt Ion: 212 Resp: 92017  
Ion Ratio Lower Upper  
212 100  
106 16.1 9.8 14.6#  
104 7.4 5.4 8.2

Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)

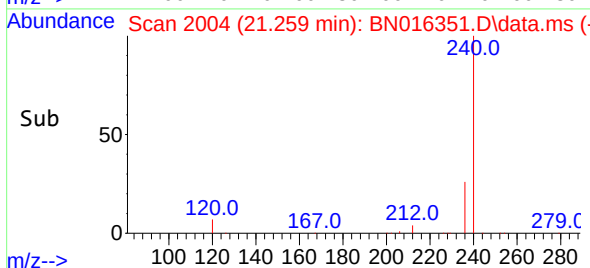
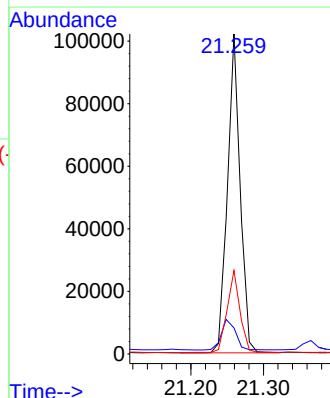
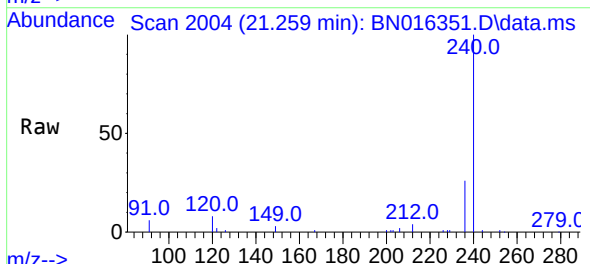
Manual Integrations  
APPROVED

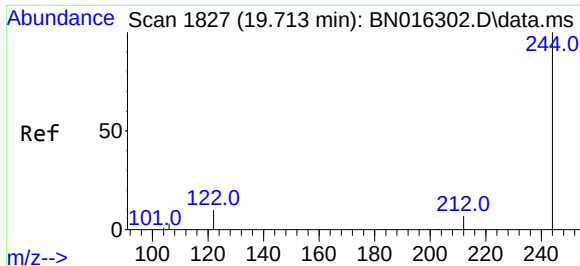
mohammad  
9/21/2021 11:30:28 AM



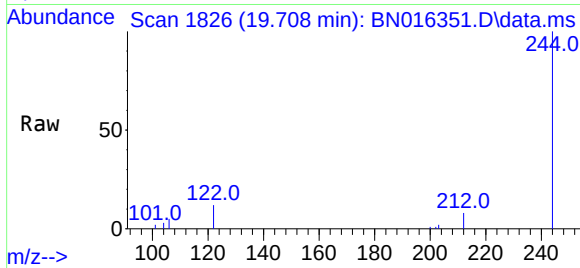
#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.259 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22

Tgt Ion: 240 Resp: 123460  
Ion Ratio Lower Upper  
240 100  
120 8.2 5.3 7.9#  
236 26.1 19.8 29.8

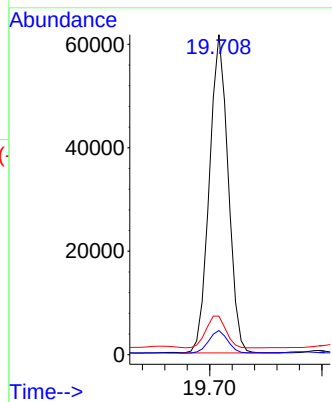
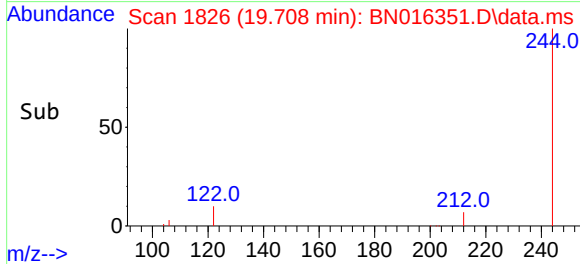




#31  
Terphenyl-d14  
Concen: 0.25 ng  
RT: 19.708 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22



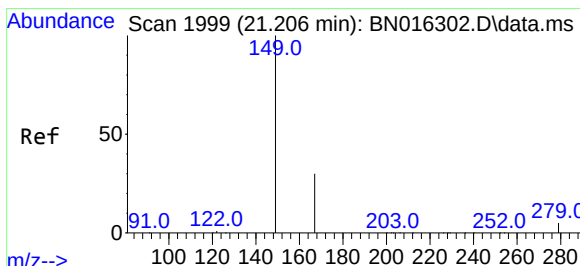
Tgt Ion:244 Resp: 71187  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.5 8.3  
122 12.1 9.0 13.4



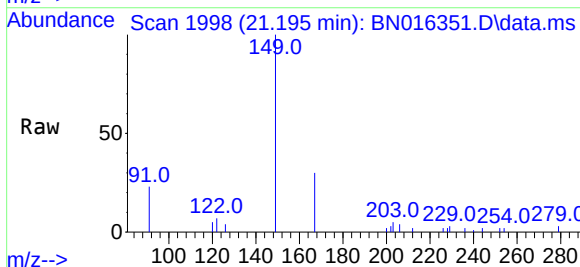
Instrument :  
BNA\_N  
ClientSampleId :  
SW-RR-02-(1.0)

Manual Integrations  
APPROVED

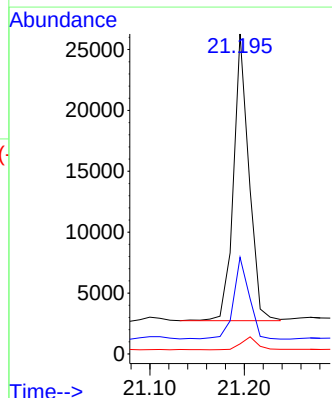
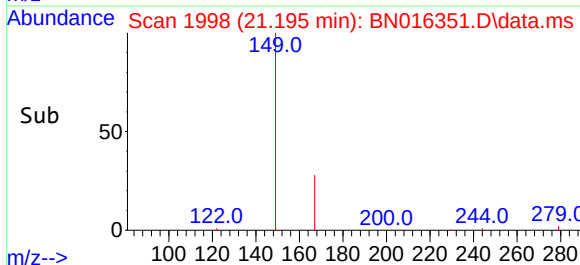
mohammad  
9/21/2021 11:30:28 AM

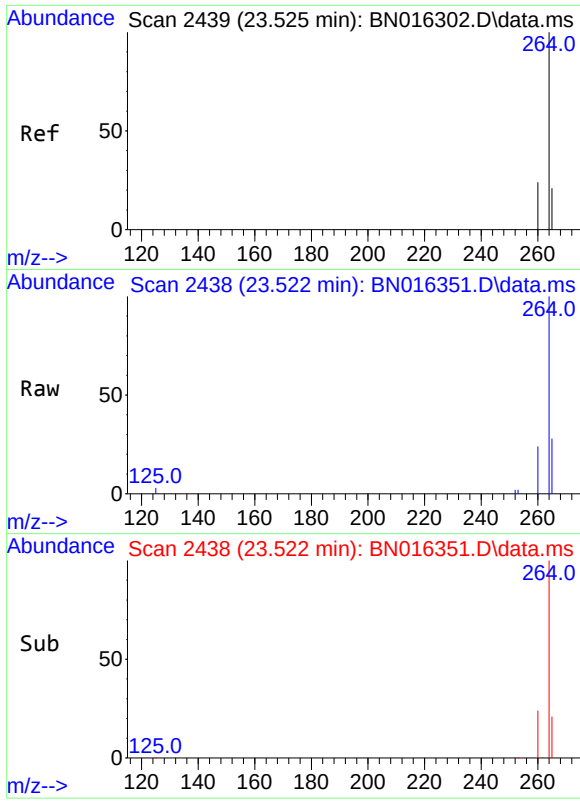


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.12 ng  
RT: 21.195 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BN016351.D  
Acq: 20 Sep 2021 19:22



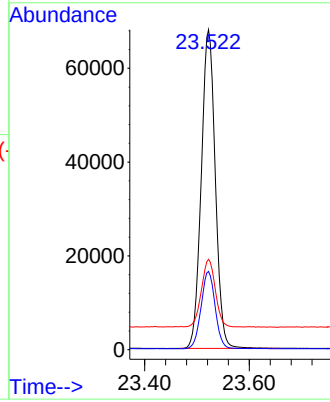
Tgt Ion:149 Resp: 26664  
Ion Ratio Lower Upper  
149 100  
167 29.0 23.4 35.0  
279 4.8 3.9 5.9





#35  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.522 min Scan# 2438  
 Delta R.T. -0.003 min  
 Lab File: BN016351.D  
 Acq: 20 Sep 2021 19:22

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:264 | Resp: | 126790      |
| Ion         | Ratio | Lower Upper |
| 264         | 100   |             |
| 260         | 24.4  | 18.9 28.3   |
| 265         | 28.2  | 23.7 35.5   |



Instrument :  
 BNA\_N  
 ClientSampleId :  
 SW-RR-02-(1.0)

Manual Integrations  
 APPROVED

mohammad  
 9/21/2021 11:30:28 AM