

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051922\  
 Data File : BN019856.D  
 Acq On : 19 May 2022 15:33  
 Operator : CG/JU  
 Sample : PB144940BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB144940BL

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/20/2022  
 Supervised By : Jagrut Upadhyay 05/20/2022

Quant Time: May 20 06:34:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 18 07:42:52 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.854  | 152  | 4204     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.637 | 136  | 13796    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.474 | 164  | 9310     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10        | 17.205 | 188  | 21103    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12            | 21.404 | 240  | 18764    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.741 | 264  | 17568    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.435  | 112  | 3497     | 0.333 | ng    | 0.00     |
| 5) Phenol-d6                | 7.017  | 99   | 4131     | 0.313 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.993  | 82   | 2741m    | 0.263 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.227 | 152  | 6671     | 0.278 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.954 | 330  | 875      | 0.238 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.095 | 172  | 9738     | 0.240 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.240 | 212  | 17316    | 0.289 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.843 | 244  | 11577    | 0.262 | ng    | 0.00     |

Target Compounds Qvalue  
 -----

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

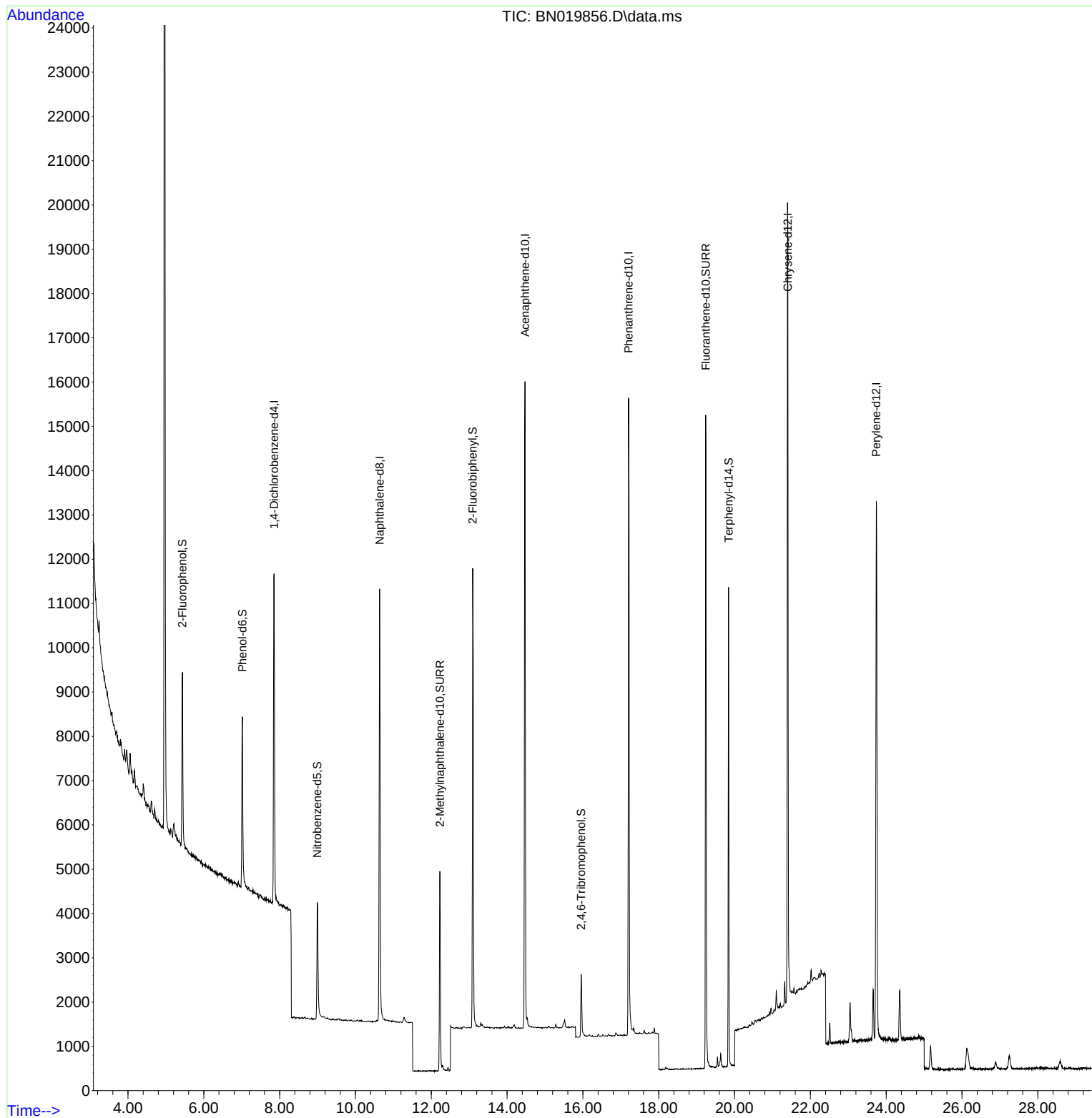
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051922\  
Data File : BN019856.D  
Acq On : 19 May 2022 15:33  
Operator : CG/JU  
Sample : PB144940BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

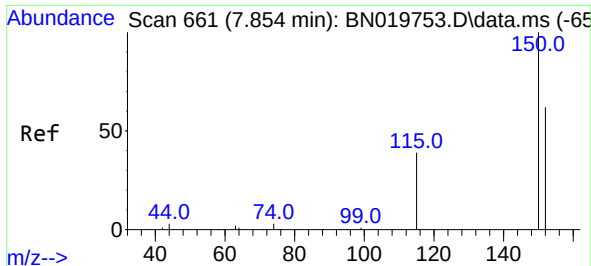
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BL

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/20/2022  
Supervised By :Jagrut Upadhyay 05/20/2022

Quant Time: May 20 06:34:58 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 18 07:42:52 2022  
Response via : Initial Calibration





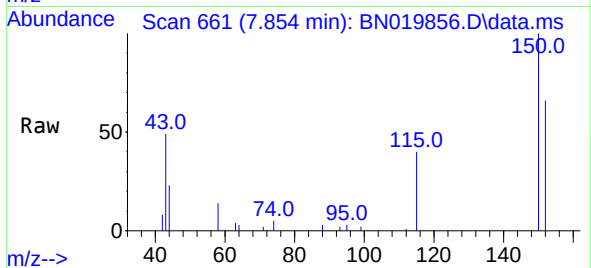
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.854 min Scan# 661  
Delta R.T. 0.007 min  
Lab File: BN019856.D  
Acq: 19 May 2022 15:33

Instrument :

BNA\_N

ClientSampleId :

PB144940BL

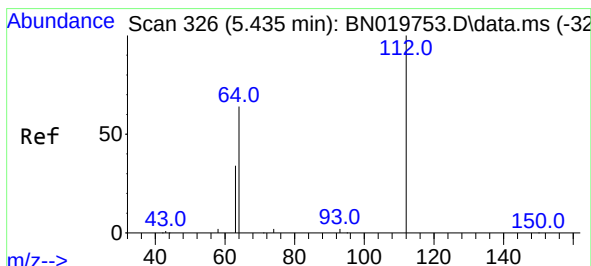
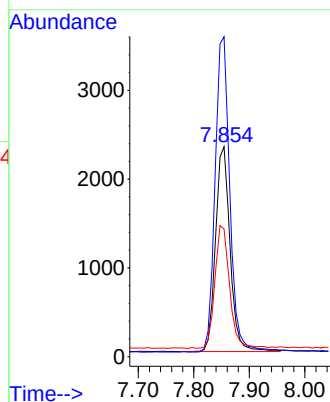


Tgt Ion:152 Resp: 4204  
Ion Ratio Lower Upper  
152 100  
150 152.4 127.9 191.9  
115 60.9 51.4 77.2

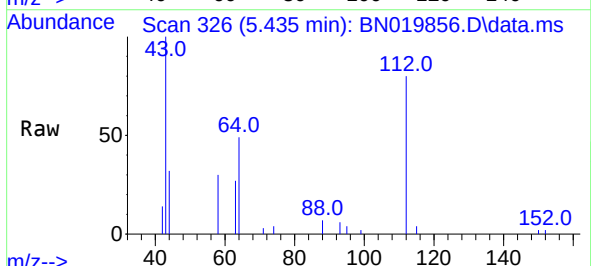
Manual Integrations

APPROVED

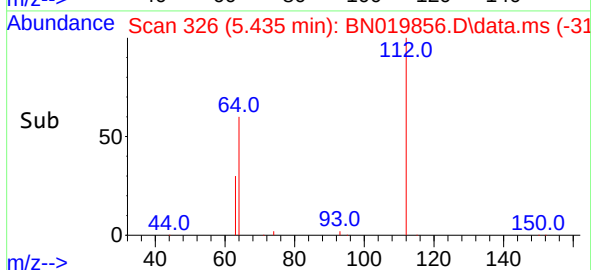
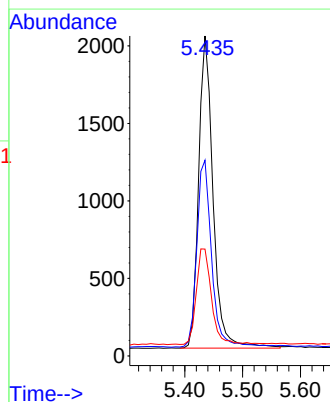
Reviewed By :Christian Giraldo 05/20/2022  
Supervised By :Jagrut Upadhyay 05/20/2022

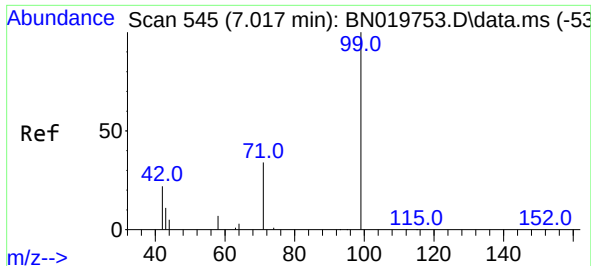


#4  
2-Fluorophenol  
Concen: 0.333 ng  
RT: 5.435 min Scan# 326  
Delta R.T. -0.000 min  
Lab File: BN019856.D  
Acq: 19 May 2022 15:33



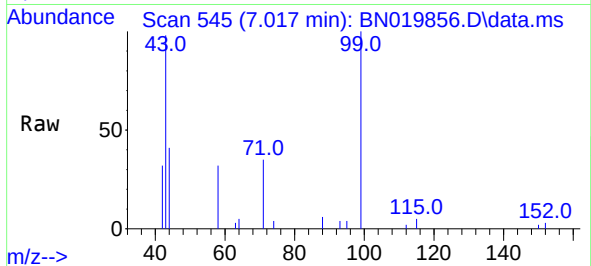
Tgt Ion:112 Resp: 3497  
Ion Ratio Lower Upper  
112 100  
64 61.5 49.1 73.7  
63 32.8 26.3 39.5





#5  
Phenol-d6  
Concen: 0.313 ng  
RT: 7.017 min Scan# 54  
Delta R.T. 0.007 min  
Lab File: BN019856.D  
Acq: 19 May 2022 15:33

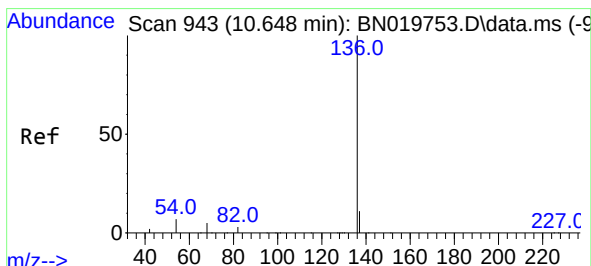
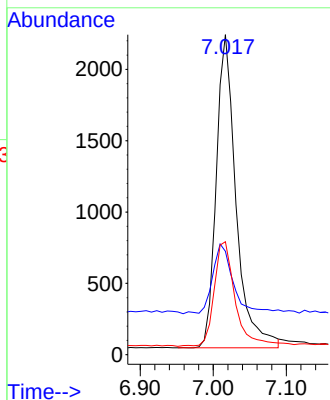
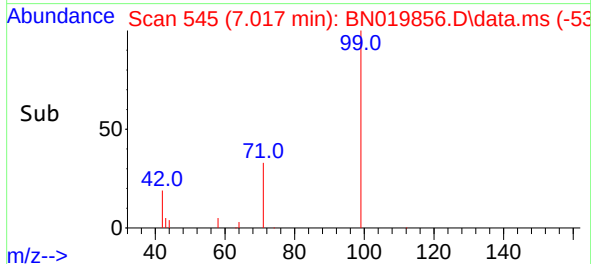
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BL



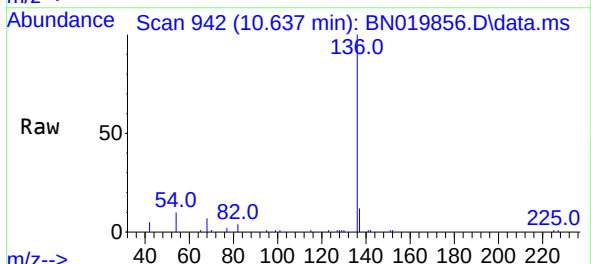
Tgt Ion: 99 Resp: 413  
Ion Ratio Lower Upper  
99 100  
42 23.2 19.3 28.9  
71 35.3 27.5 41.3

Manual Integrations  
APPROVED

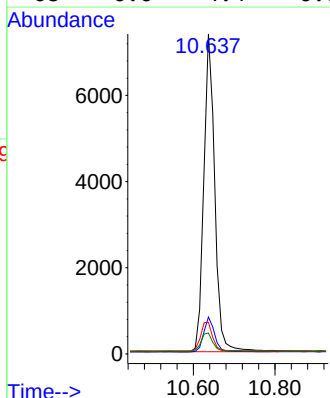
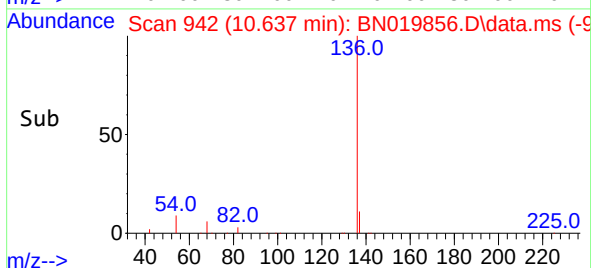
Reviewed By :Christian Giraldo 05/20/2022  
Supervised By :Jagrut Upadhyay 05/20/2022

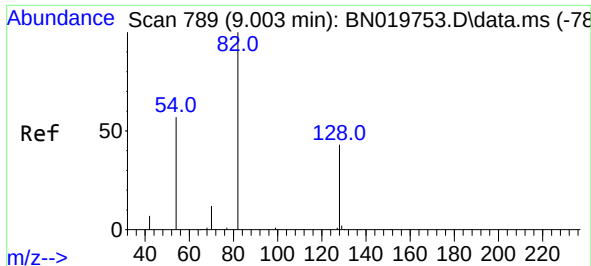


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: BN019856.D  
Acq: 19 May 2022 15:33



Tgt Ion:136 Resp: 13796  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.0 13.6  
54 9.9 6.2 9.2#  
68 6.6 4.4 6.6





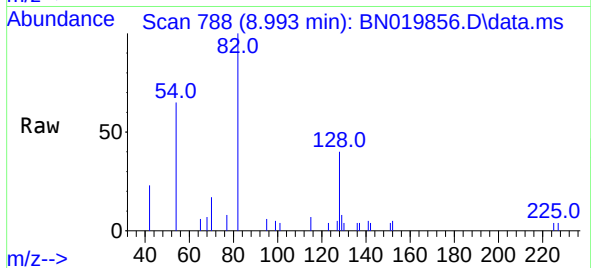
#8  
Nitrobenzene-d5  
Concen: 0.263 ng m  
RT: 8.993 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BN019856.D  
Acq: 19 May 2022 15:33

Instrument :

BNA\_N

ClientSampleId :

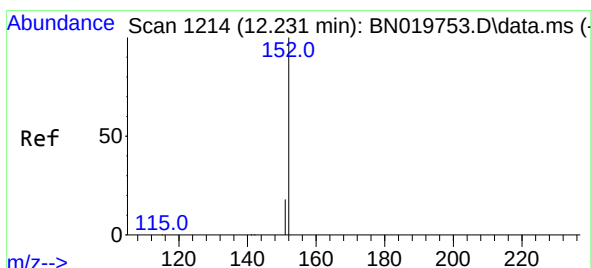
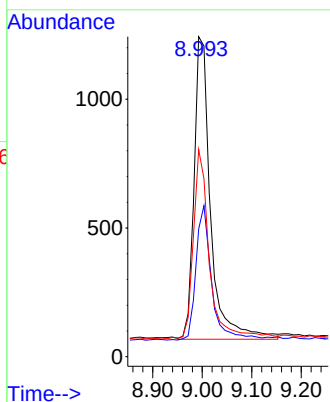
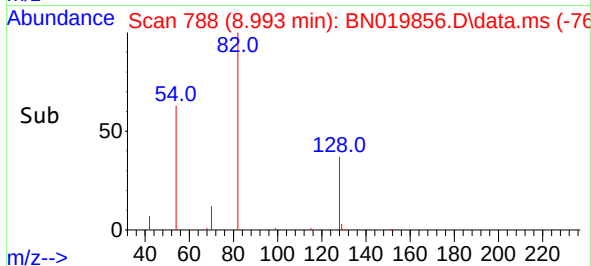
PB144940BL



Tgt Ion: 82 Resp: 274  
Ion Ratio Lower Upper  
82 100  
128 39.9 35.0 52.6  
54 64.8 46.2 69.4

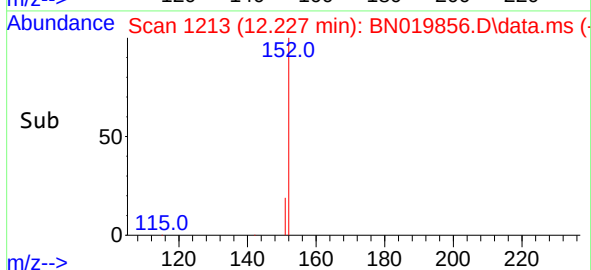
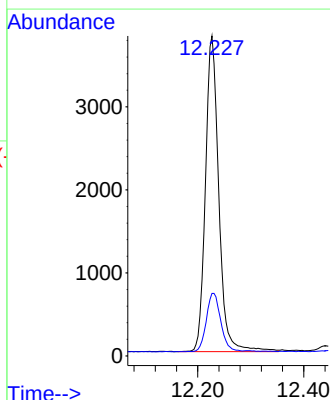
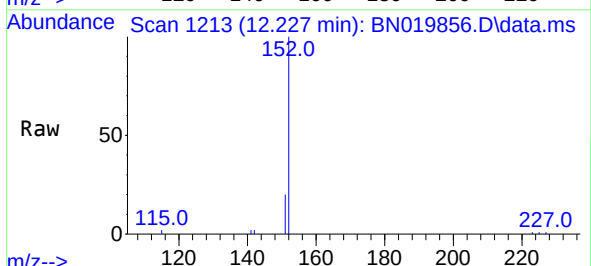
Manual Integrations  
APPROVED

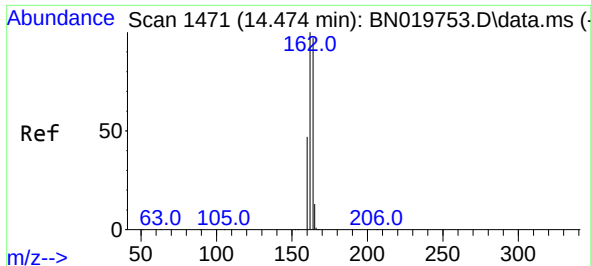
Reviewed By :Christian Giraldo 05/20/2022  
Supervised By :Jagrut Upadhyay 05/20/2022



#11  
2-Methylnaphthalene-d10  
Concen: 0.278 ng  
RT: 12.227 min Scan# 1213  
Delta R.T. -0.000 min  
Lab File: BN019856.D  
Acq: 19 May 2022 15:33

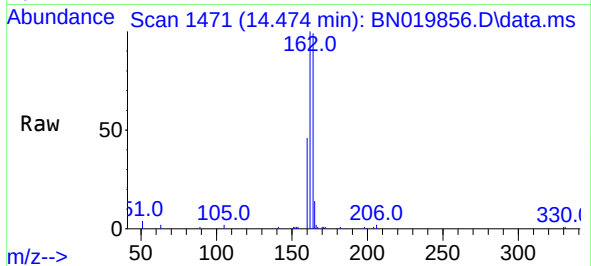
Tgt Ion:152 Resp: 6671  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.2 24.4





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. 0.011 min  
Lab File: BN019856.D  
Acq: 19 May 2022 15:33

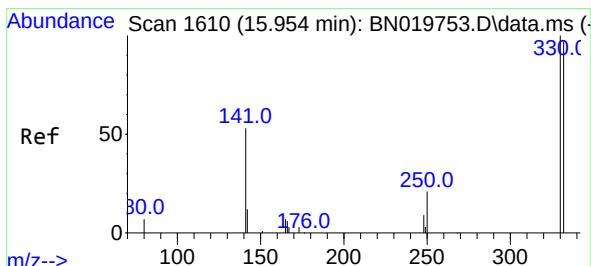
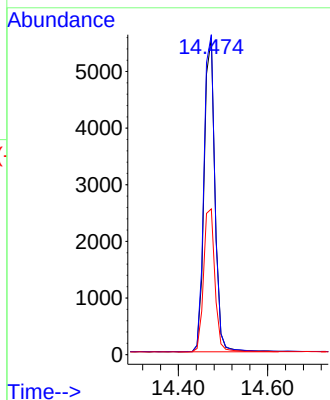
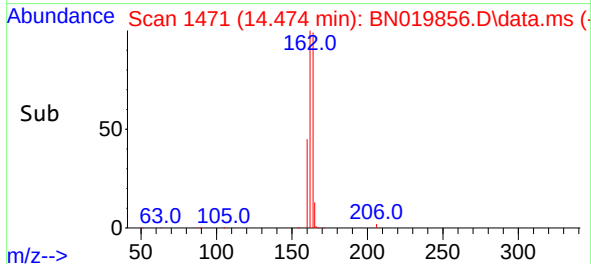
Instrument :  
BNA\_N  
ClientSampleId :  
PB144940BL



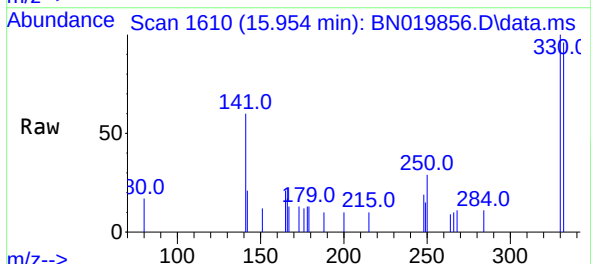
Tgt Ion:164 Resp: 9310  
Ion Ratio Lower Upper  
164 100  
162 101.0 82.1 123.1  
160 46.0 38.6 58.0

Manual Integrations  
APPROVED

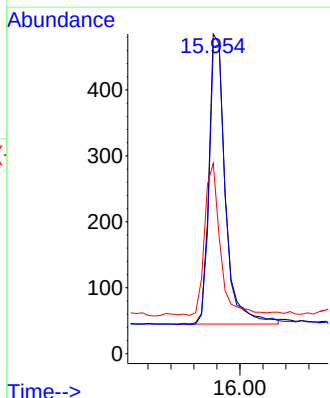
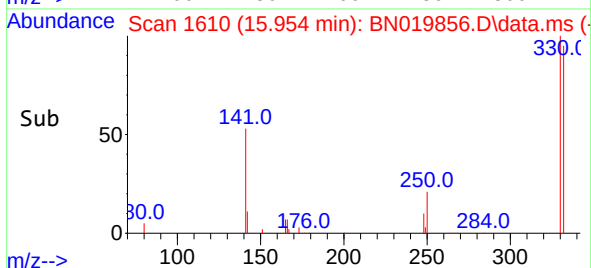
Reviewed By :Christian Giraldo 05/20/2022  
Supervised By :Jagrut Upadhyay 05/20/2022

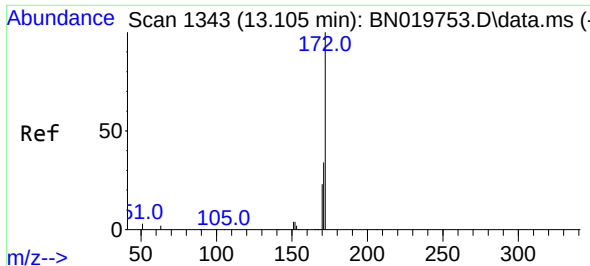


#14  
2,4,6-Tribromophenol  
Concen: 0.238 ng  
RT: 15.954 min Scan# 1610  
Delta R.T. -0.000 min  
Lab File: BN019856.D  
Acq: 19 May 2022 15:33



Tgt Ion:330 Resp: 875  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.6 116.4  
141 49.9 41.0 61.4





#15  
2-Fluorobiphenyl  
Concen: 0.240 ng  
RT: 13.095 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: BN019856.D  
Acq: 19 May 2022 15:33

Instrument :

BNA\_N

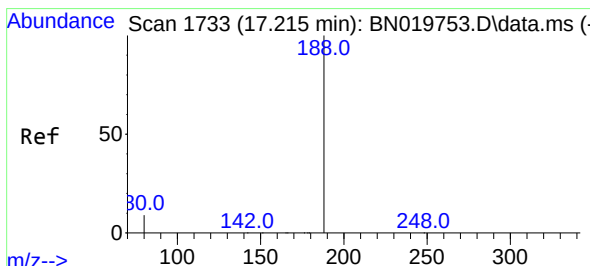
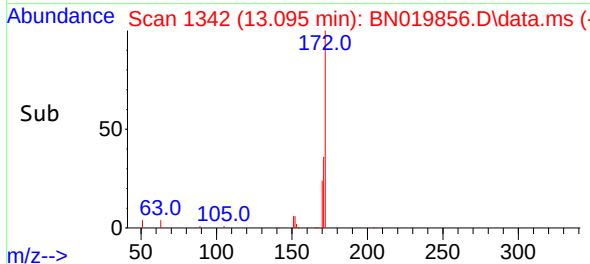
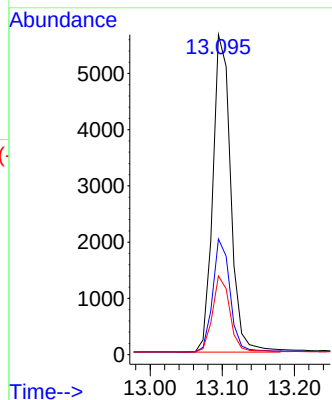
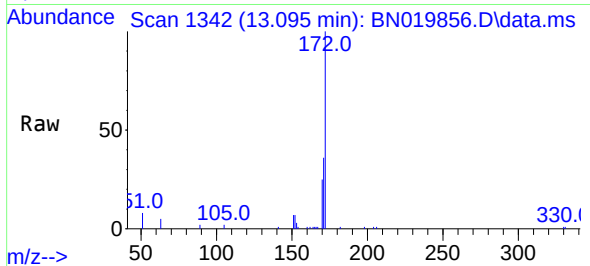
ClientSampleId :

PB144940BL

Tgt Ion:172 Resp: 9738  
Ion Ratio Lower Upper  
172 100  
171 36.2 27.2 40.8  
170 24.6 18.2 27.4

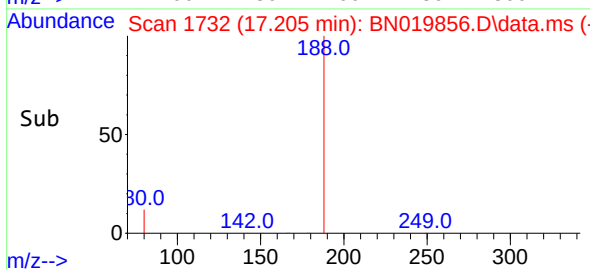
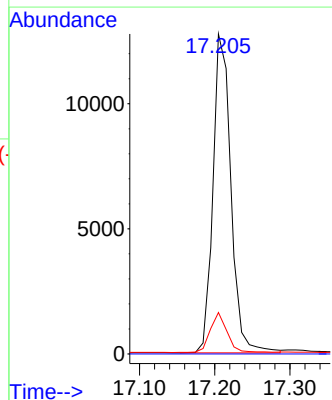
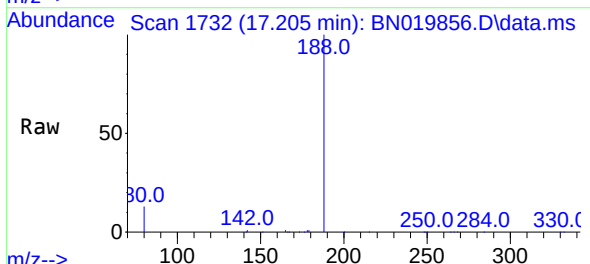
Manual Integrations  
APPROVED

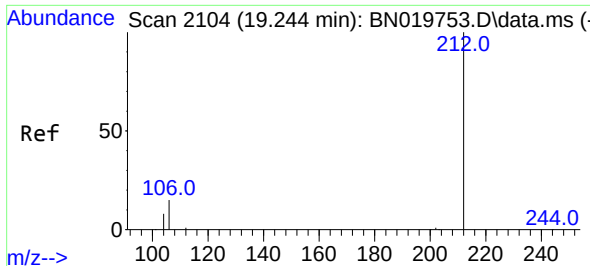
Reviewed By :Christian Giraldo 05/20/2022  
Supervised By :Jagrut Upadhyay 05/20/2022



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.205 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: BN019856.D  
Acq: 19 May 2022 15:33

Tgt Ion:188 Resp: 21103  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.9 7.4 11.2#





#27  
Fluoranthene-d10  
Concen: 0.289 ng  
RT: 19.240 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: BN019856.D  
Acq: 19 May 2022 15:33

Instrument :

BNA\_N

ClientSampleId :

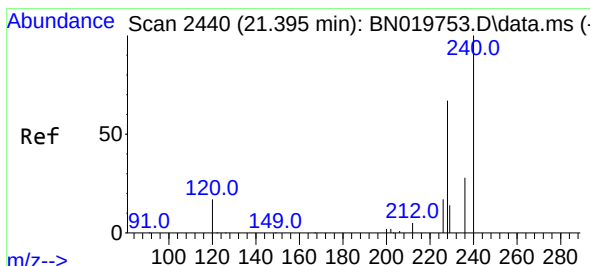
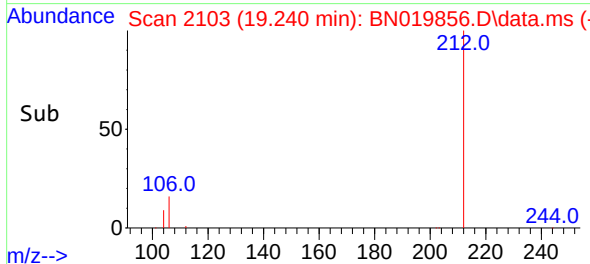
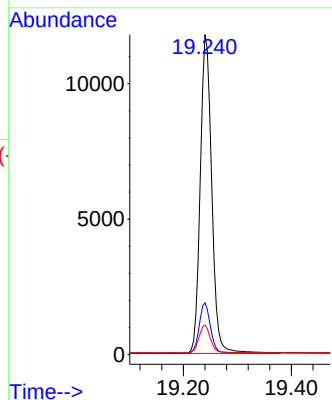
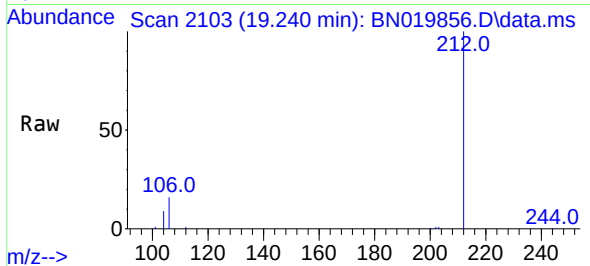
PB144940BL

Tgt Ion:212 Resp: 17310  
Ion Ratio Lower Upper  
212 100  
106 15.3 12.6 19.0  
104 8.7 7.2 10.8

Manual Integrations

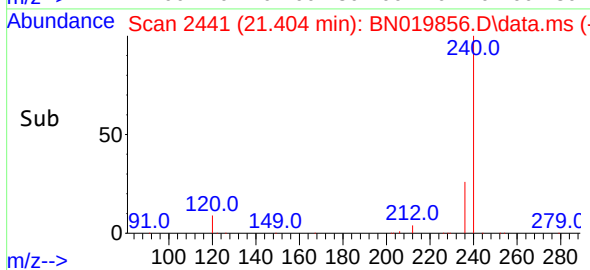
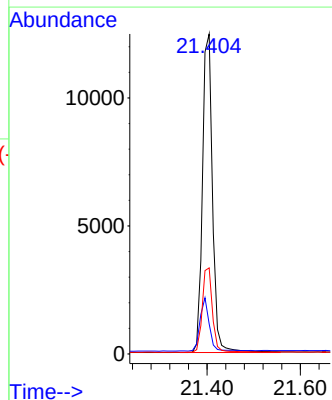
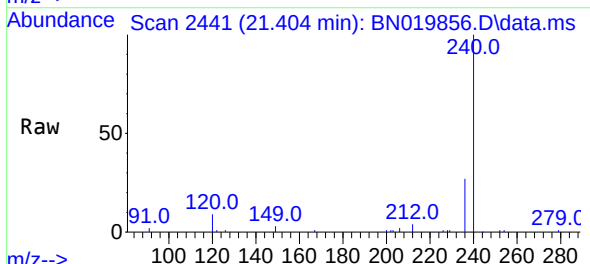
APPROVED

Reviewed By :Christian Giraldo 05/20/2022  
Supervised By :Jagrut Upadhyay 05/20/2022

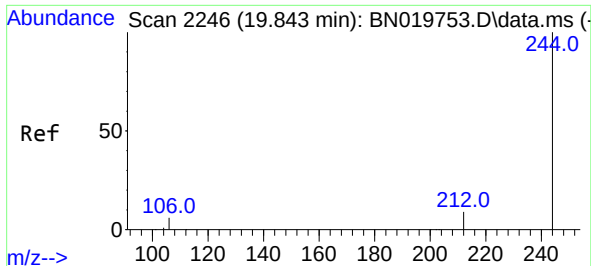


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. -0.000 min  
Lab File: BN019856.D  
Acq: 19 May 2022 15:33

Tgt Ion:240 Resp: 18764  
Ion Ratio Lower Upper  
240 100  
120 9.4 14.6 21.8#  
236 26.9 22.6 33.8







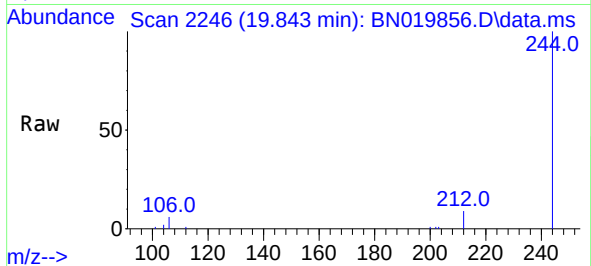
#31  
 Terphenyl-d14  
 Concen: 0.262 ng  
 RT: 19.843 min Scan# 211  
 Delta R.T. -0.000 min  
 Lab File: BN019856.D  
 Acq: 19 May 2022 15:33

Instrument :

BNA\_N

ClientSampleId :

PB144940BL

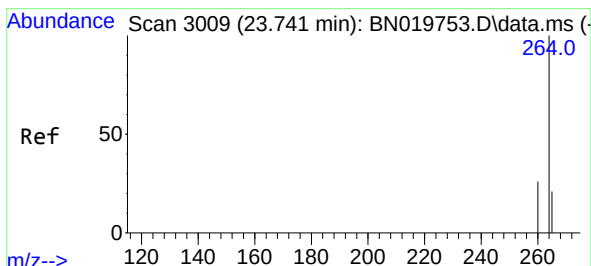
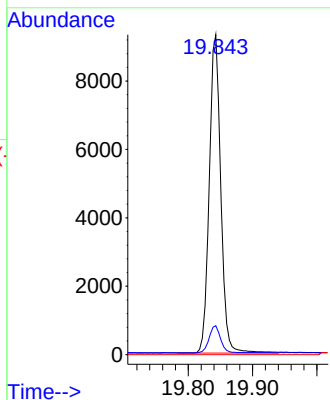
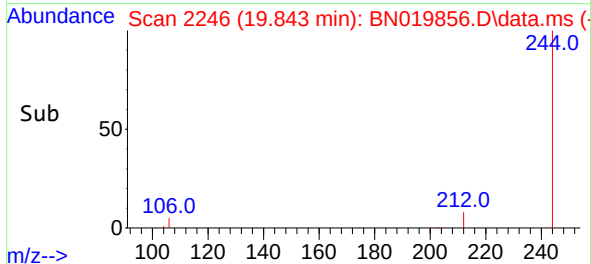


Tgt Ion:244 Resp: 1157  
 Ion Ratio Lower Upper  
 244 100  
 212 9.0 7.1 10.7  
 122 0.0 0.0 0.0

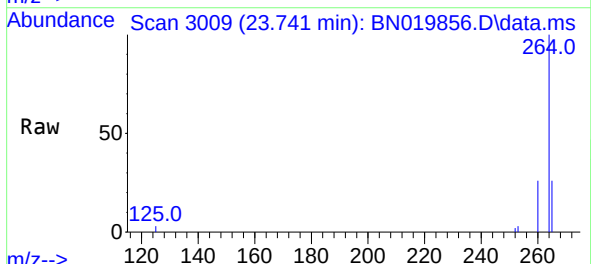
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/20/2022  
 Supervised By :Jagrut Upadhyay 05/20/2022



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.741 min Scan# 3009  
 Delta R.T. -0.000 min  
 Lab File: BN019856.D  
 Acq: 19 May 2022 15:33



Tgt Ion:264 Resp: 17568  
 Ion Ratio Lower Upper  
 264 100  
 260 25.7 20.9 31.3  
 265 26.1 28.0 42.0#

