

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032123\  
 Data File : BN024467.D  
 Acq On : 22 Mar 2023 04:01  
 Operator : CG/JU  
 Sample : 01903-21  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP06-20230312

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/22/2023  
 Supervised By : Jagrut Upadhyay 03/22/2023

Quant Time: Mar 22 04:33:35 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 22 04:14:21 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.033  | 152  | 9899     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.845 | 136  | 28966    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.665 | 164  | 14759    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.400 | 188  | 30662    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.583 | 240  | 21601    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.068 | 264  | 17037    | 0.400 | ng    | #-0.01   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.577  | 112  | 2689     | 0.123 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.188  | 99   | 1914     | 0.068 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.190  | 82   | 6063m    | 0.313 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.425 | 152  | 10167    | 0.286 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.147 | 330  | 2043     | 0.271 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.285 | 172  | 16560    | 0.297 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.433 | 212  | 22275    | 0.343 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.025 | 244  | 12194    | 0.335 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 34) Bis(2-ethylhexyl)phtha... | 21.484 | 149  | 6301     | 0.186 | ng    | # 99     |
| -----                         |        |      |          |       |       |          |

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

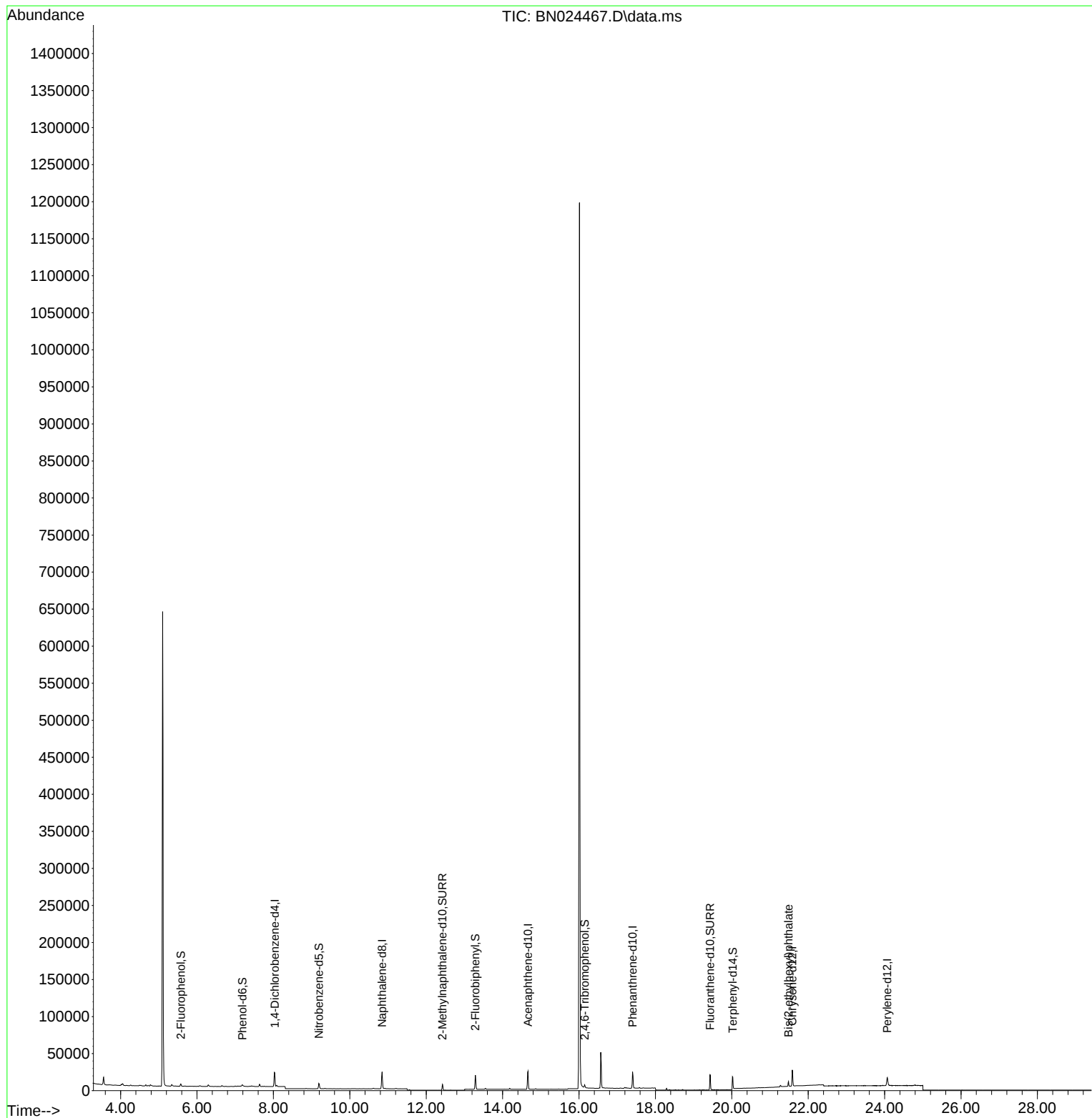
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032123\  
Data File : BN024467.D  
Acq On : 22 Mar 2023 04:01  
Operator : CG/JU  
Sample : 01903-21  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

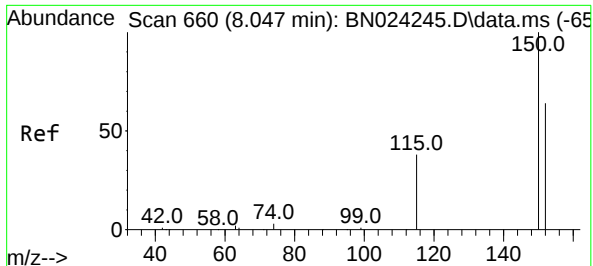
Instrument :  
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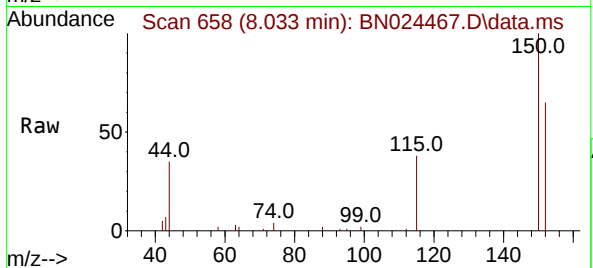
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.033 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN024467.D  
Acq: 22 Mar 2023 04:01

Instrument :

BNA\_N

ClientSampleId :

DUP06-20230312

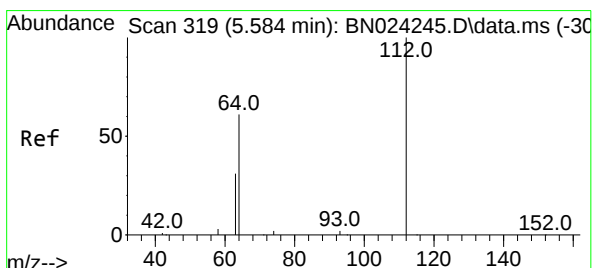
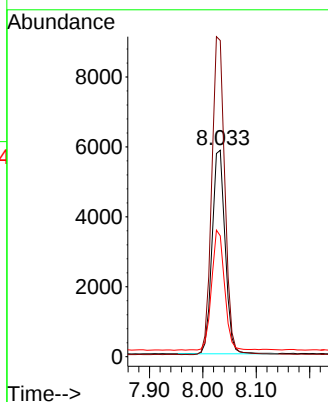
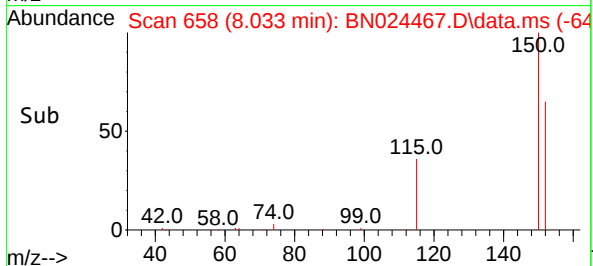


Tgt Ion:152 Resp: 989  
Ion Ratio Lower Upper  
152 100  
150 153.1 124.7 187.1  
115 58.5 49.1 73.7

Manual Integrations

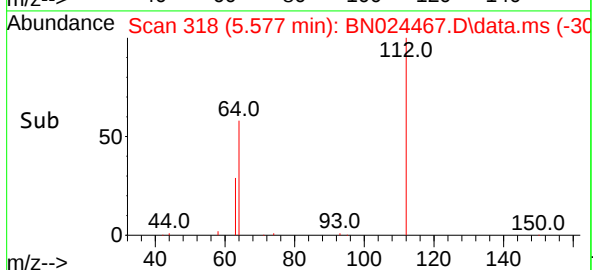
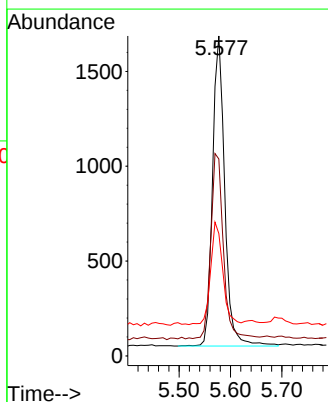
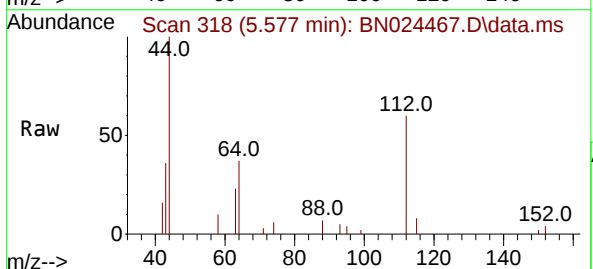
APPROVED

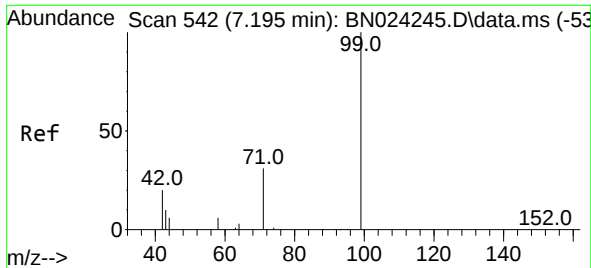
Reviewed By :Christian Giraldo 03/22/2023  
Supervised By :Jagrut Upadhyay 03/22/2023



#4  
2-Fluorophenol  
Concen: 0.123 ng  
RT: 5.577 min Scan# 318  
Delta R.T. -0.000 min  
Lab File: BN024467.D  
Acq: 22 Mar 2023 04:01

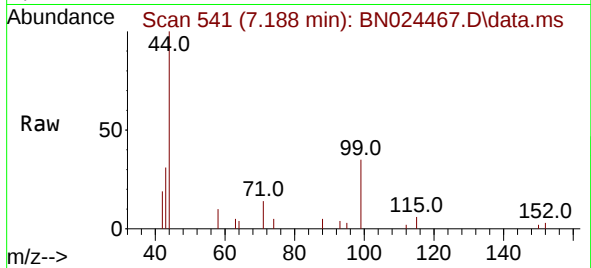
Tgt Ion:112 Resp: 2689  
Ion Ratio Lower Upper  
112 100  
64 60.9 49.0 73.6  
63 32.7 25.7 38.5





#5  
Phenol-d6  
Concen: 0.068 ng  
RT: 7.188 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: BN024467.D  
Acq: 22 Mar 2023 04:01

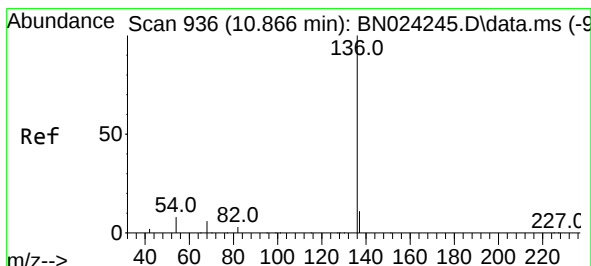
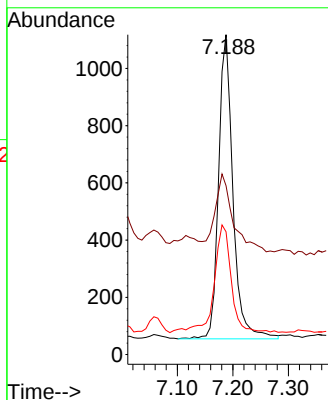
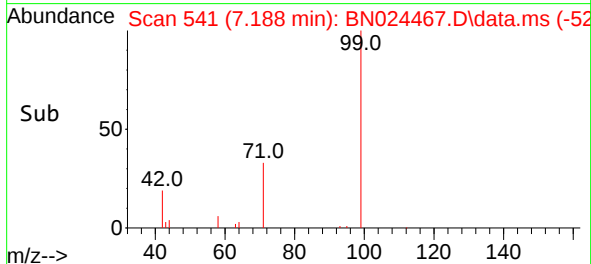
Instrument :  
BNA\_N  
ClientSampleId :  
DUP06-20230312



Tgt Ion: 99 Resp: 1914  
Ion Ratio Lower Upper  
99 100  
42 32.7 20.1 30.1  
71 41.4 25.8 38.8

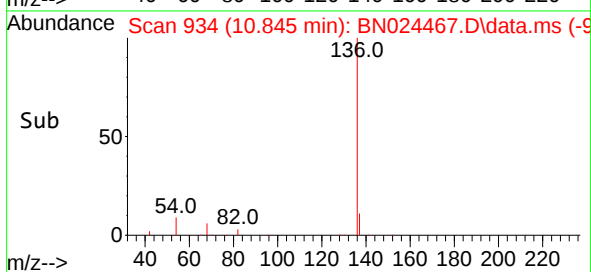
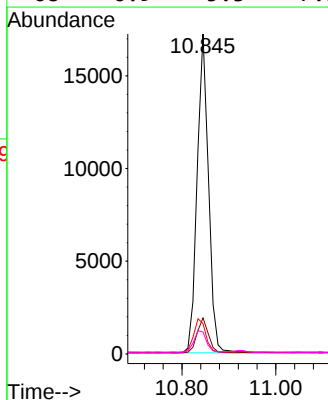
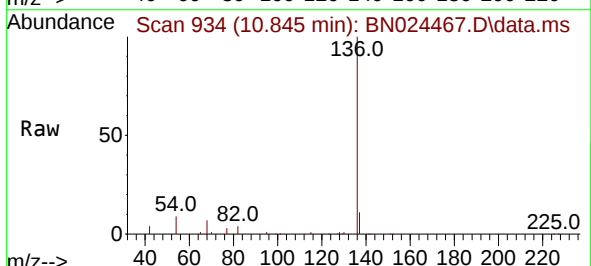
Manual Integrations  
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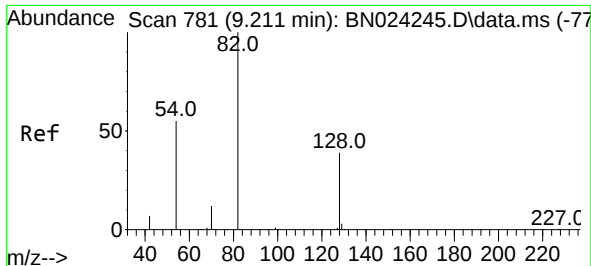
Reviewed By :Christian Giraldo 03/22/2023  
Supervised By :Jagrut Upadhyay 03/22/2023



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.845 min Scan# 934  
Delta R.T. -0.000 min  
Lab File: BN024467.D  
Acq: 22 Mar 2023 04:01

Tgt Ion:136 Resp: 28966  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.9 13.3  
54 9.5 7.1 10.7  
68 6.9 5.3 7.9





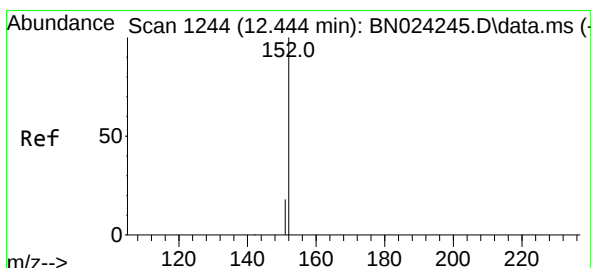
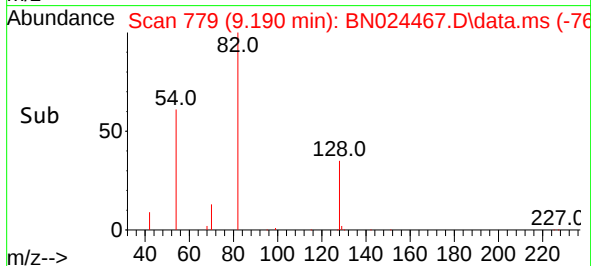
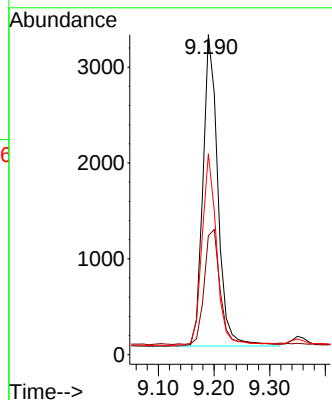
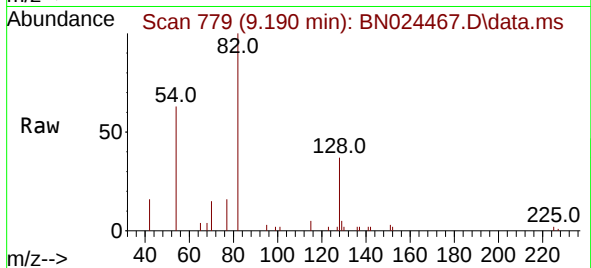
#8  
Nitrobenzene-d5  
Concen: 0.313 ng m  
RT: 9.190 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BN024467.D  
Acq: 22 Mar 2023 04:01

Instrument :  
BNA\_N  
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Tgt Ion: 82 Resp: 606  
Ion Ratio Lower Upper  
82 100  
128 37.2 32.4 48.6  
54 62.8 45.2 67.8

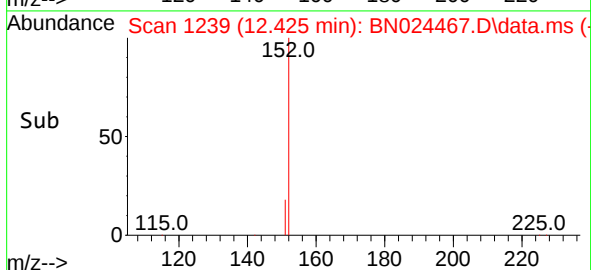
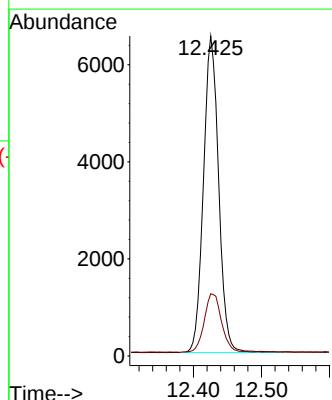
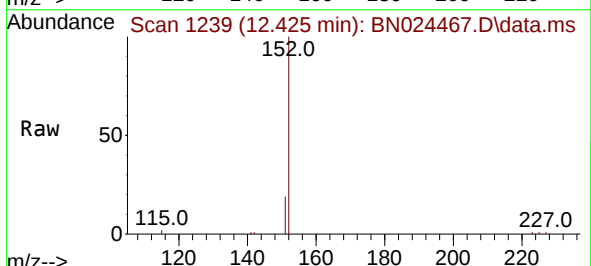
Manual Integrations  
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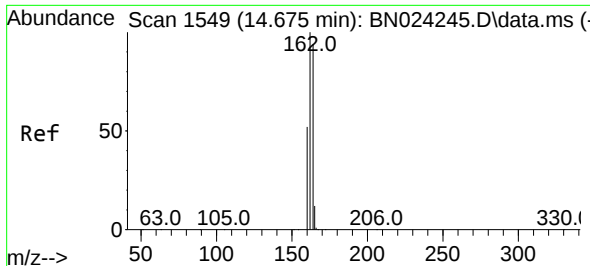
Reviewed By :Christian Giraldo 03/22/2023  
Supervised By :Jagrut Upadhyay 03/22/2023



#11  
2-Methylnaphthalene-d10  
Concen: 0.286 ng  
RT: 12.425 min Scan# 1239  
Delta R.T. -0.004 min  
Lab File: BN024467.D  
Acq: 22 Mar 2023 04:01

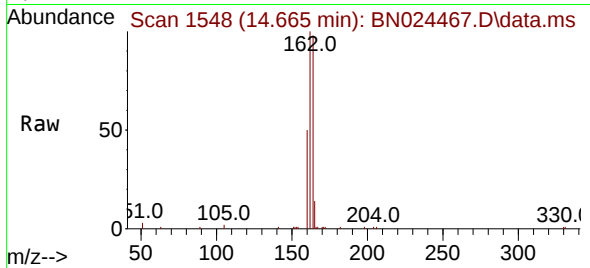
Tgt Ion:152 Resp: 10167  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.8 25.2





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.665 min Scan# 1548  
Delta R.T. -0.000 min  
Lab File: BN024467.D  
Acq: 22 Mar 2023 04:01

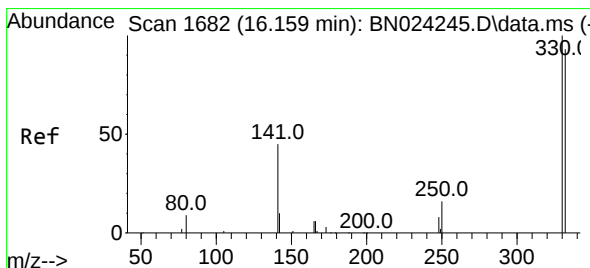
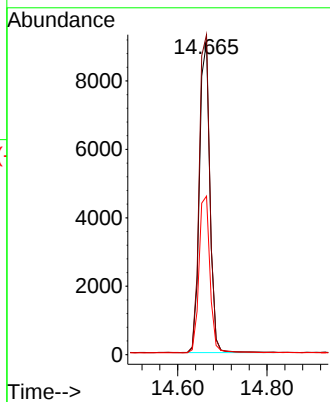
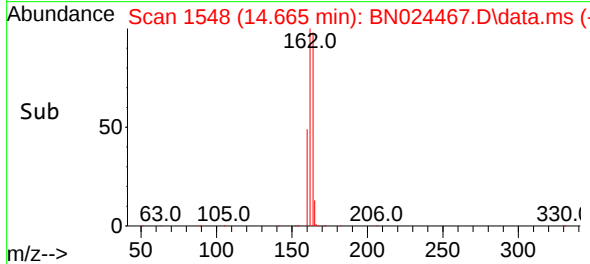
Instrument :  
BNA\_N  
ClientSampleId :  
DUP06-20230312



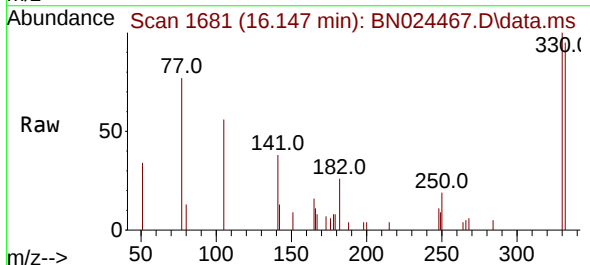
Tgt Ion:164 Resp: 1475  
Ion Ratio Lower Upper  
164 100  
162 102.3 84.7 127.1  
160 50.7 44.6 66.8

Manual Integrations  
APPROVED

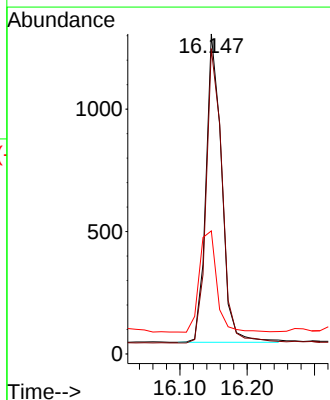
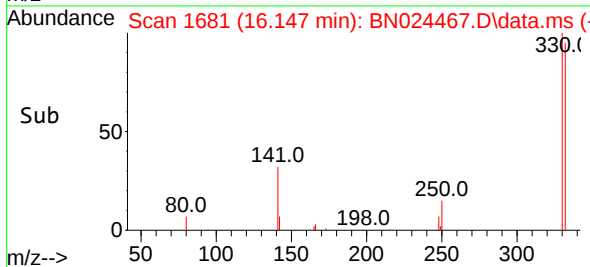
Reviewed By :Christian Giraldo 03/22/2023  
Supervised By :Jagrut Upadhyay 03/22/2023

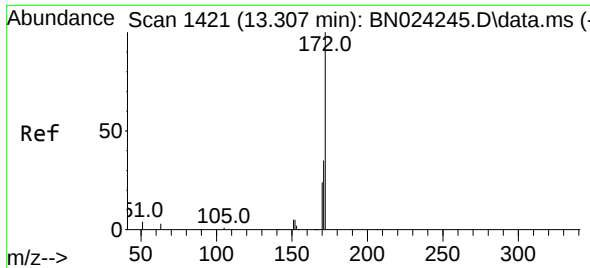


#14  
2,4,6-Tribromophenol  
Concen: 0.271 ng  
RT: 16.147 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: BN024467.D  
Acq: 22 Mar 2023 04:01



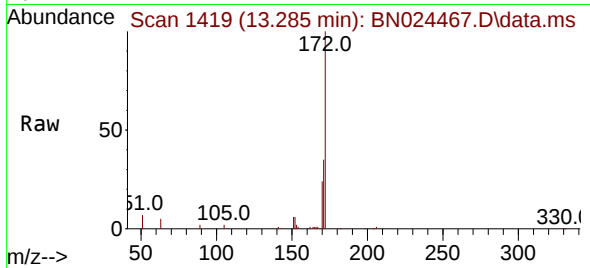
Tgt Ion:330 Resp: 2043  
Ion Ratio Lower Upper  
330 100  
332 97.6 78.0 117.0  
141 36.4 30.8 46.2





#15  
2-Fluorobiphenyl  
Concen: 0.297 ng  
RT: 13.285 min Scan# 1419  
Delta R.T. -0.011 min  
Lab File: BN024467.D  
Acq: 22 Mar 2023 04:01

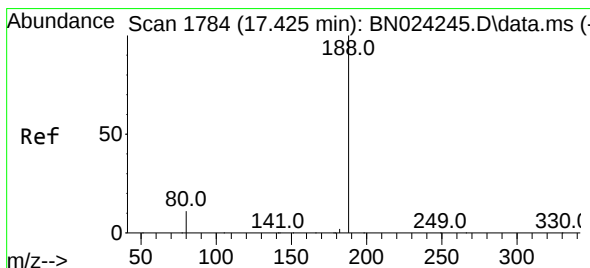
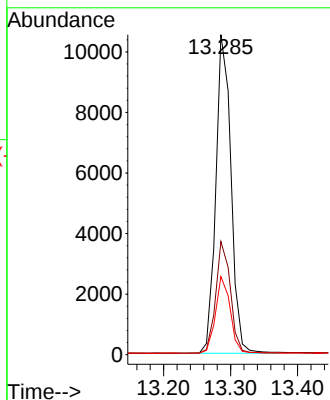
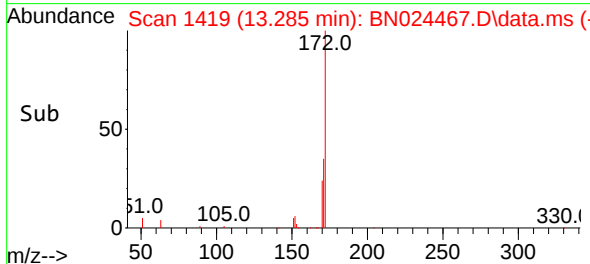
Instrument :  
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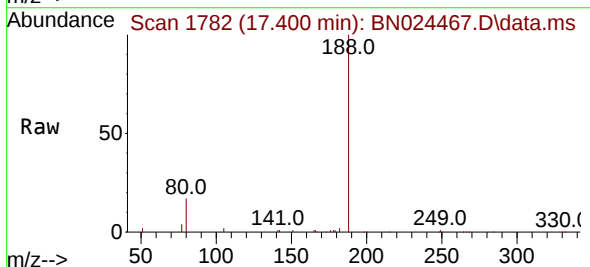
Tgt Ion:172 Resp: 16560  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.8 41.8  
170 24.4 19.0 28.6

Manual Integrations  
APPROVED

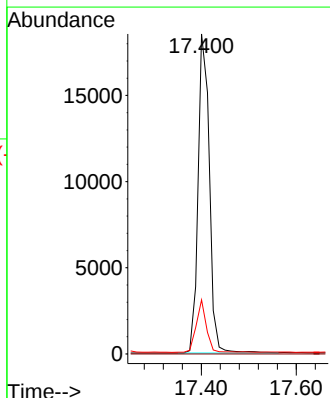
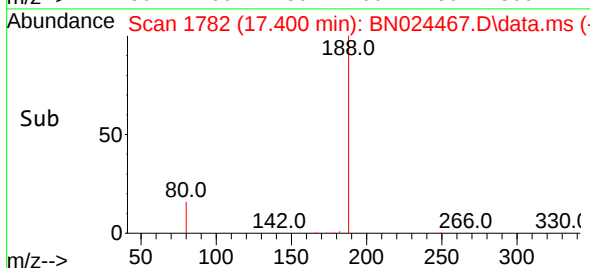
Reviewed By :Christian Giraldo 03/22/2023  
Supervised By :Jagrut Upadhyay 03/22/2023

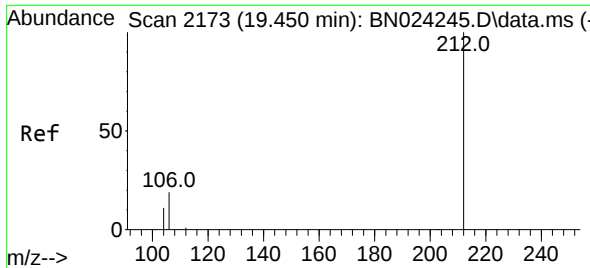


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.400 min Scan# 1782  
Delta R.T. -0.012 min  
Lab File: BN024467.D  
Acq: 22 Mar 2023 04:01



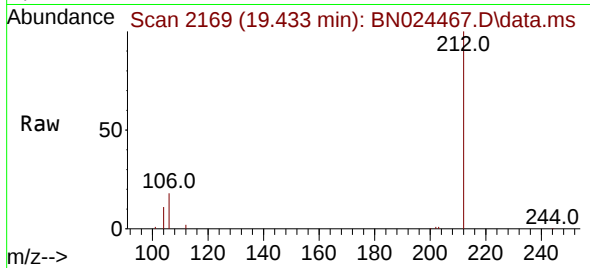
Tgt Ion:188 Resp: 30662  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 16.9 8.9 13.3





#27  
Fluoranthene-d10  
Concen: 0.343 ng  
RT: 19.433 min Scan# 2169  
Delta R.T. -0.004 min  
Lab File: BN024467.D  
Acq: 22 Mar 2023 04:01

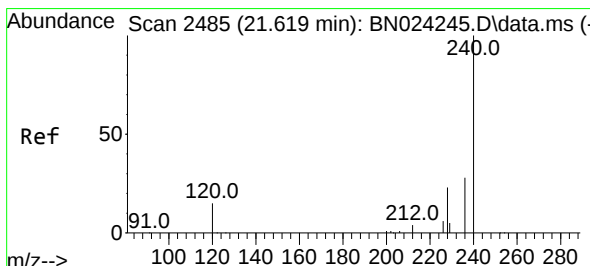
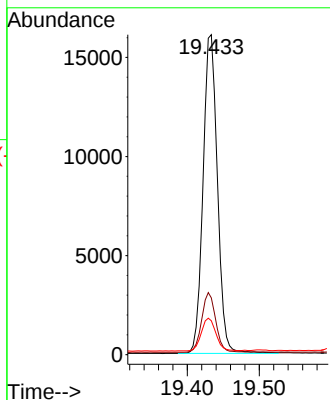
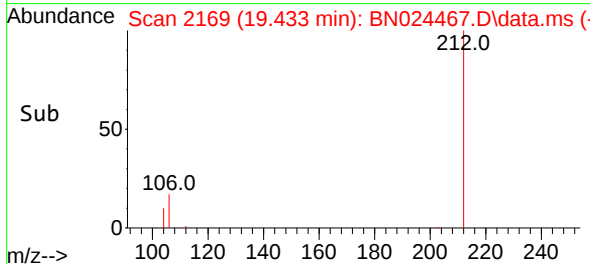
Instrument :  
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DUP06-20230312



Tgt Ion:212 Resp: 22275  
Ion Ratio Lower Upper  
212 100  
106 18.3 15.4 23.2  
104 10.4 8.6 13.0

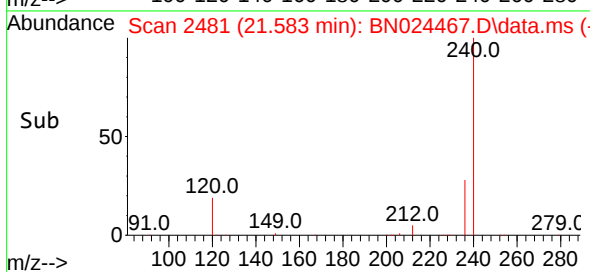
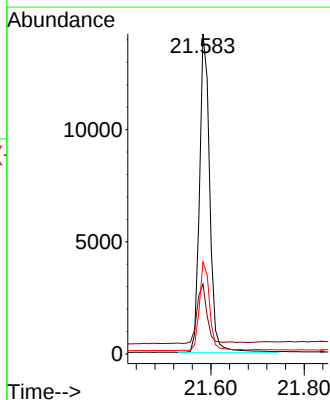
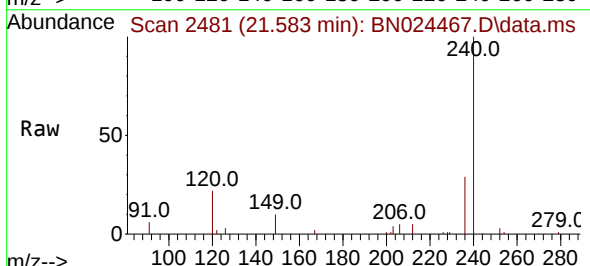
Manual Integrations  
APPROVED

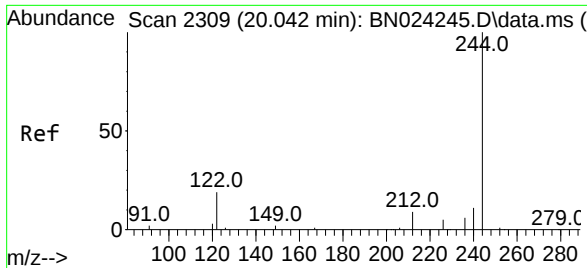
Reviewed By :Christian Giraldo 03/22/2023  
Supervised By :Jagrut Upadhyay 03/22/2023



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.583 min Scan# 2481  
Delta R.T. -0.009 min  
Lab File: BN024467.D  
Acq: 22 Mar 2023 04:01

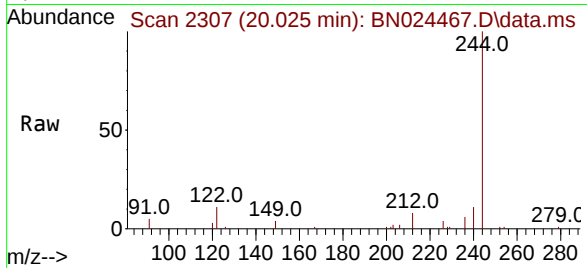
Tgt Ion:240 Resp: 21601  
Ion Ratio Lower Upper  
240 100  
120 21.8 12.8 19.2#  
236 28.7 22.5 33.7





#31  
 Terphenyl-d14  
 Concen: 0.335 ng  
 RT: 20.025 min Scan# 2119  
 Delta R.T. -0.000 min  
 Lab File: BN024467.D  
 Acq: 22 Mar 2023 04:01

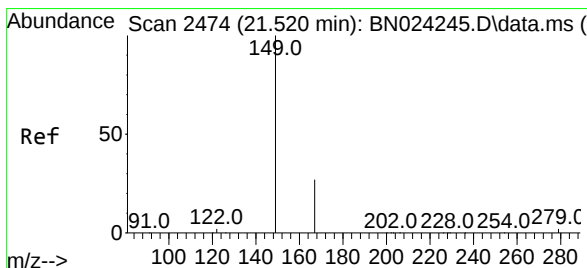
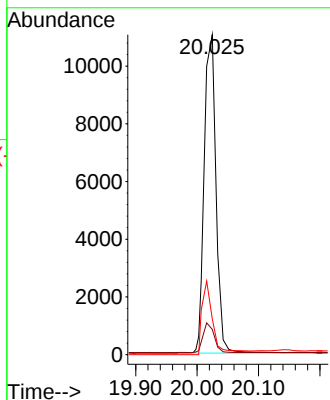
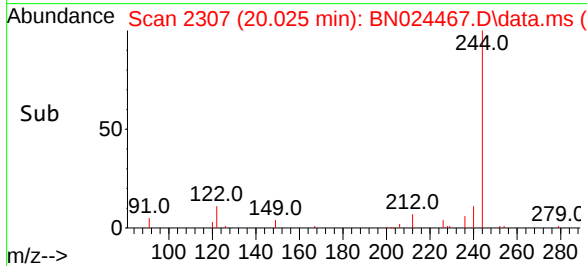
Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP06-20230312



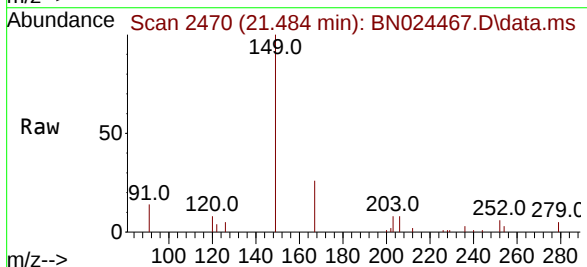
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 Ion Ratio Lower Upper  
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 212 7.9 7.6 11.4  
 122 11.2 15.1 22.7

Manual Integrations  
 APPROVED

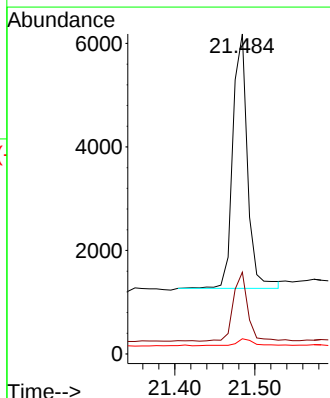
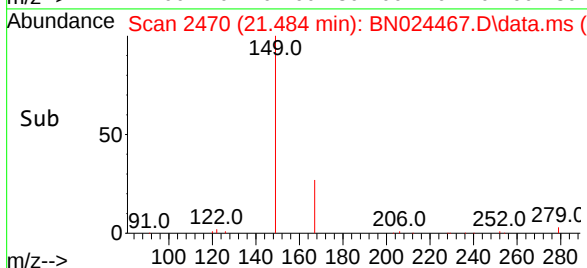
Reviewed By :Christian Giraldo 03/22/2023  
 Supervised By :Jagrut Upadhyay 03/22/2023

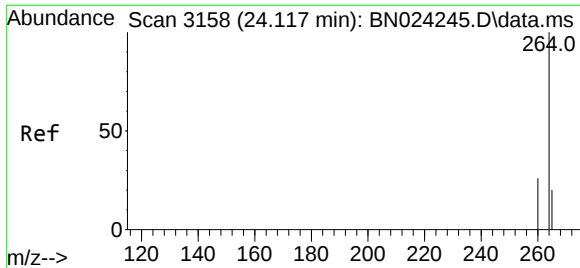


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.186 ng  
 RT: 21.484 min Scan# 2470  
 Delta R.T. -0.009 min  
 Lab File: BN024467.D  
 Acq: 22 Mar 2023 04:01



Tgt Ion:149 Resp: 6301  
 Ion Ratio Lower Upper  
 149 100  
 167 26.7 21.2 31.8  
 279 3.4 1.8 2.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.068 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN024467.D

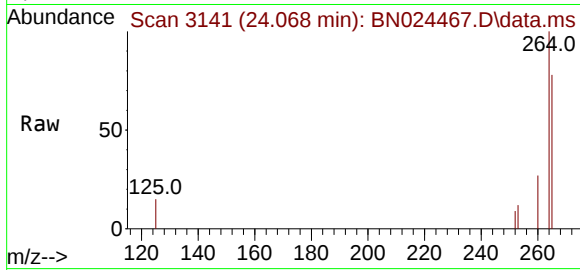
Acq: 22 Mar 2023 04:01

Instrument :

BNA\_N

ClientSampleId :

DUP06-20230312



Tgt Ion:264 Resp: 1703

Ion Ratio Lower Upper

264 100

260 26.9 21.4 32.2

265 77.7 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/22/2023

Supervised By :Jagrut Upadhyay 03/22/2023

