

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021523\  
 Data File : BN024025.D  
 Acq On : 14 Feb 2023 16:11  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 02/15/2023  
 Supervised By : Jagrut Upadhyay 02/16/2023

Quant Time: Feb 15 02:58:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN020723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 15 02:55:51 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 3723     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 9460     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.484 | 164  | 5723     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.228 | 188  | 12909    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.428 | 240  | 10079    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.819 | 264  | 7116     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 2915     | 0.377 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.002  | 99   | 3434     | 0.377 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2930     | 0.386 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.234 | 152  | 5110     | 0.389 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.987 | 330  | 973      | 0.330 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 9210     | 0.407 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.266 | 212  | 11868    | 0.379 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.865 | 244  | 7947     | 0.422 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.268  | 88   | 1482     | 0.420 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.608  | 42   | 1402     | 0.354 | ng    | # 99     |
| 6) bis(2-Chloroethyl)ether    | 7.262  | 93   | 3839     | 0.421 | ng    | 99       |
| 9) Naphthalene                | 10.690 | 128  | 9645     | 0.409 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.968 | 225  | 2608     | 0.421 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.306 | 142  | 6321     | 0.403 | ng    | 98       |
| 16) Acenaphthylene            | 14.206 | 152  | 8222     | 0.369 | ng    | 99       |
| 17) Acenaphthene              | 14.549 | 154  | 6123     | 0.404 | ng    | 99       |
| 18) Fluorene                  | 15.532 | 166  | 8266     | 0.402 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.628 | 198  | 602      | 0.393 | ng    | # 82     |
| 21) 4-Bromophenyl-phenylether | 16.421 | 248  | 3162     | 0.377 | ng    | # 78     |
| 22) Hexachlorobenzene         | 16.533 | 284  | 4110     | 0.407 | ng    | 98       |
| 23) Atrazine                  | 16.707 | 200  | 1945     | 0.354 | ng    | 99       |
| 24) Pentachlorophenol         | 16.893 | 266  | 1086     | 0.390 | ng    | 97       |
| 25) Phenanthrene              | 17.278 | 178  | 13937    | 0.391 | ng    | 99       |
| 26) Anthracene                | 17.365 | 178  | 10767    | 0.367 | ng    | 99       |
| 28) Fluoranthene              | 19.296 | 202  | 15583    | 0.382 | ng    | 100      |
| 30) Pyrene                    | 19.663 | 202  | 15385    | 0.440 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.410 | 228  | 11879    | 0.368 | ng    | 98       |
| 33) Chrysene                  | 21.464 | 228  | 14467    | 0.416 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.338 | 149  | 5250     | 0.356 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.293 | 276  | 12113    | 0.375 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.091 | 252  | 12200m   | 0.424 | ng    |          |
| 38) Benzo(k)fluoranthene      | 23.138 | 252  | 11780    | 0.414 | ng    | # 95     |
| 39) Benzo(a)pyrene            | 23.717 | 252  | 8448     | 0.387 | ng    | # 92     |
| 40) Dibenzo(a,h)anthracene    | 26.313 | 278  | 9720     | 0.376 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 27.062 | 276  | 10810    | 0.394 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

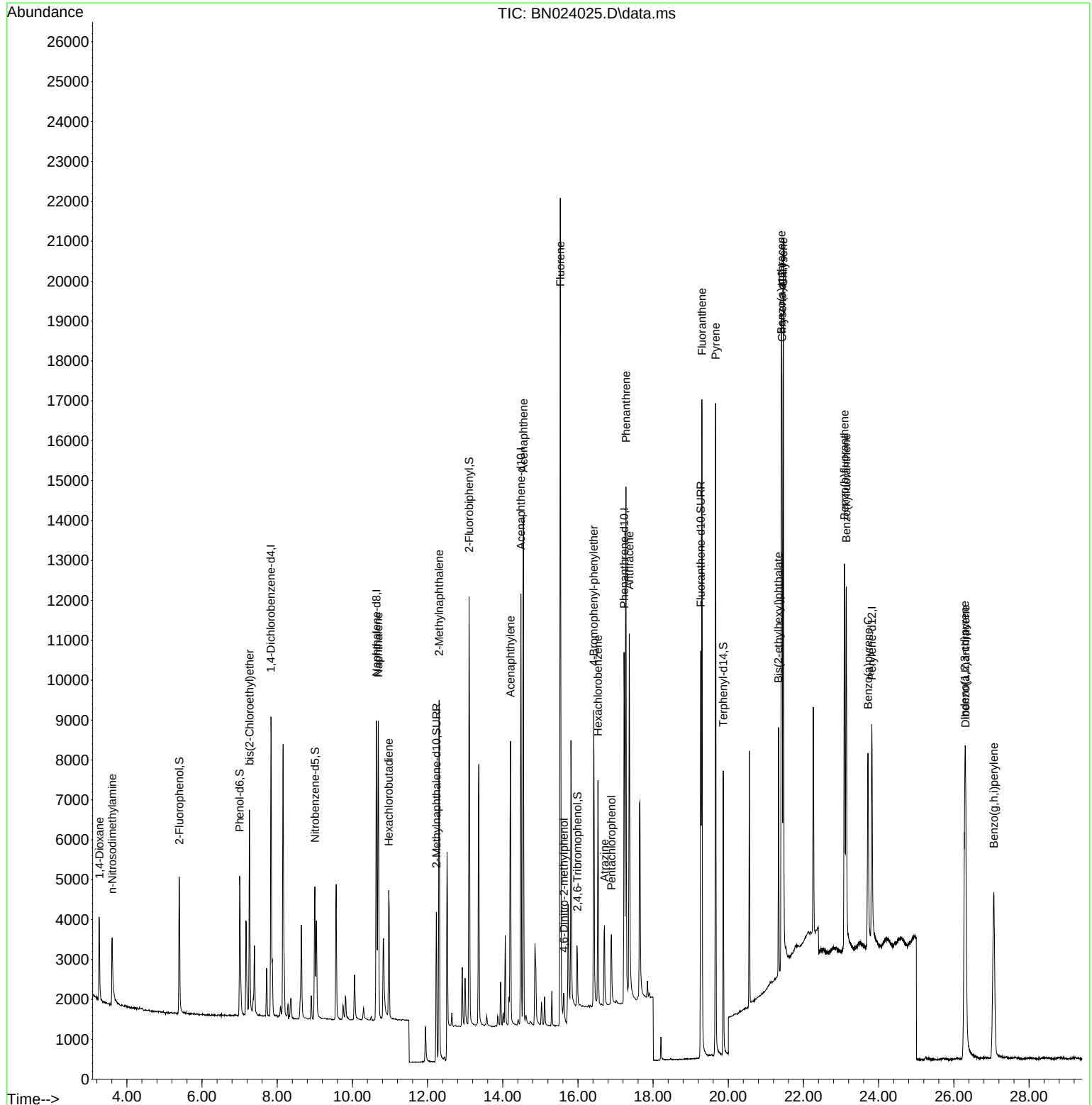
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021523\  
 Data File : BN024025.D  
 Acq On : 14 Feb 2023 16:11  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

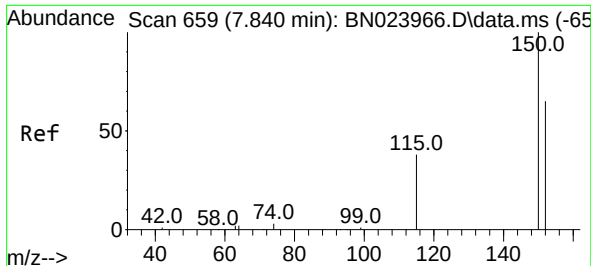
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

### Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/15/2023  
 Supervised By :Jagrut Upadhyay 02/16/2023

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 15 02:55:51 2023  
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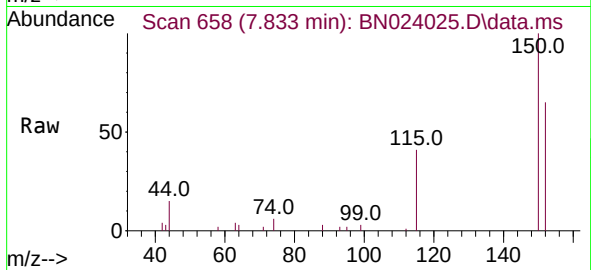
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.833 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

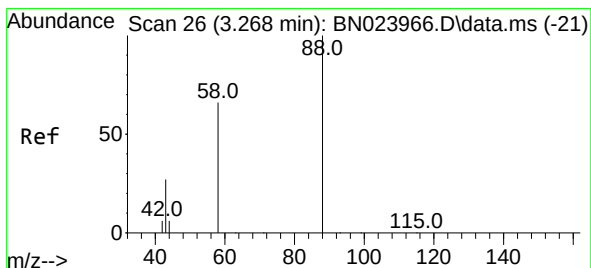
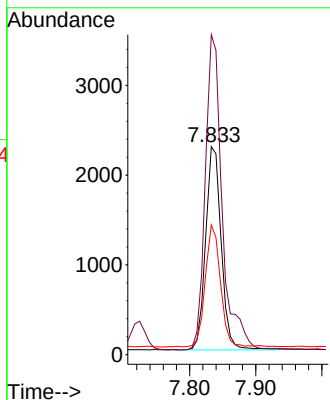
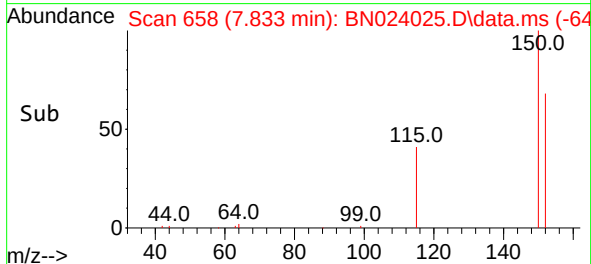


Tgt Ion:152 Resp: 3723  
Ion Ratio Lower Upper  
152 100  
150 153.9 121.8 182.6  
115 62.4 47.7 71.5

Manual Integrations

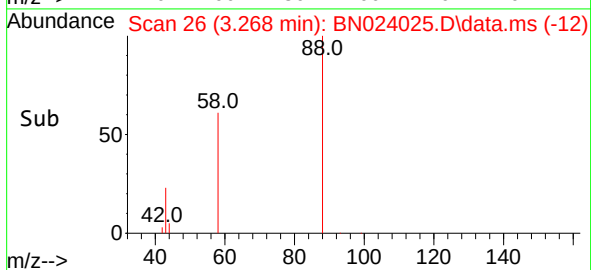
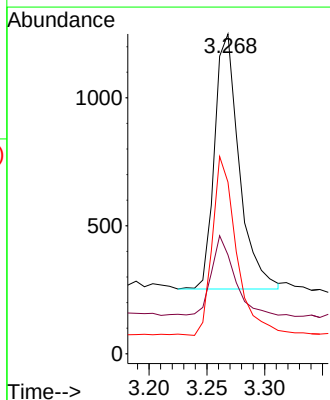
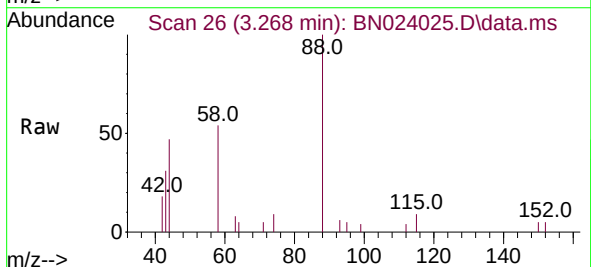
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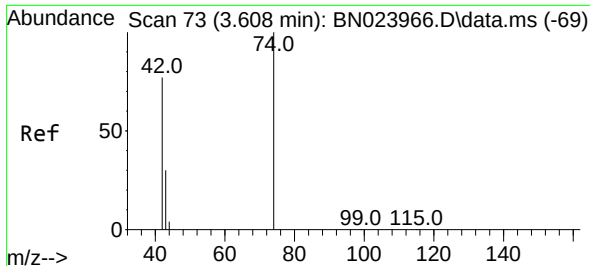
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023



#2  
1,4-Dioxane  
Concen: 0.420 ng  
RT: 3.268 min Scan# 26  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

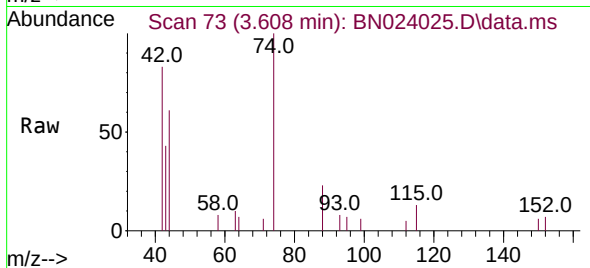
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Ion Ratio Lower Upper  
88 100  
43 28.6 23.7 35.5  
58 68.2 53.4 80.2





#3  
n-Nitrosodimethylamine  
Concen: 0.354 ng  
RT: 3.608 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

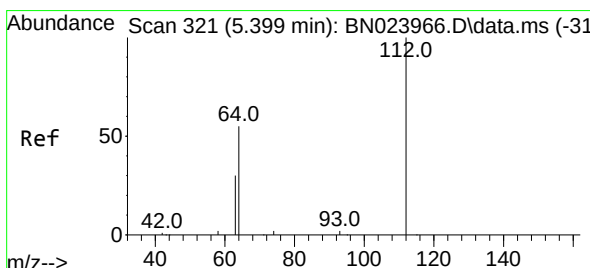
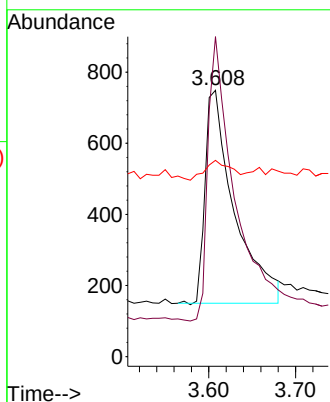
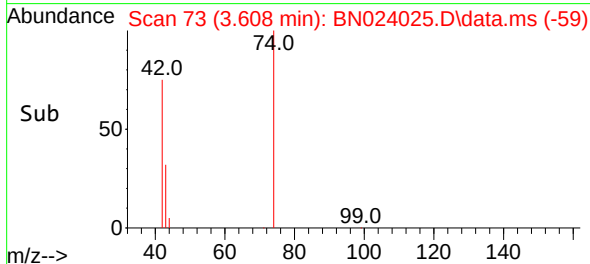
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion: 42 Resp: 1402  
Ion Ratio Lower Upper  
42 100  
74 124.5 99.3 148.9  
44 8.1 4.2 6.4

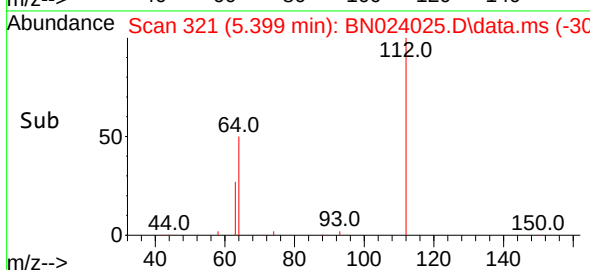
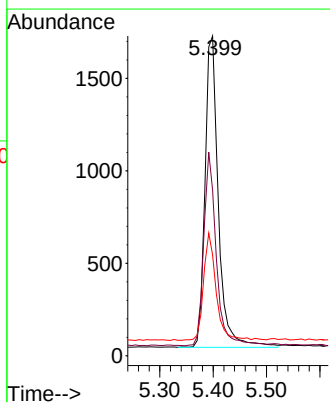
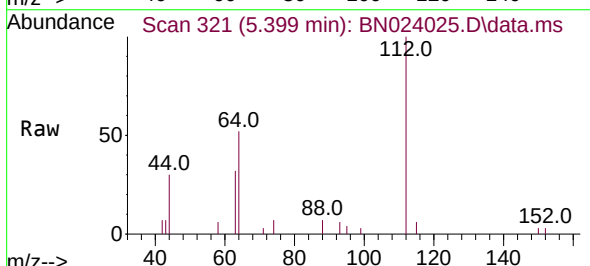
Manual Integrations  
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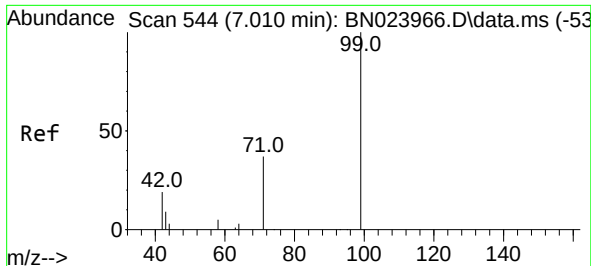
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023



#4  
2-Fluorophenol  
Concen: 0.377 ng  
RT: 5.399 min Scan# 321  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

Tgt Ion:112 Resp: 2915  
Ion Ratio Lower Upper  
112 100  
64 58.3 44.8 67.2  
63 32.0 25.1 37.7





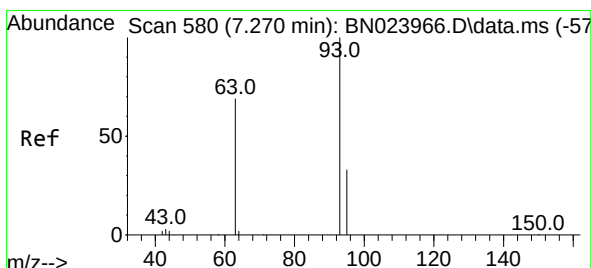
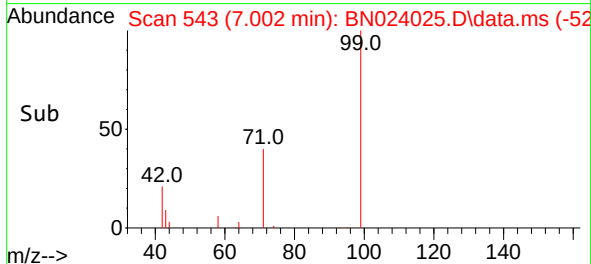
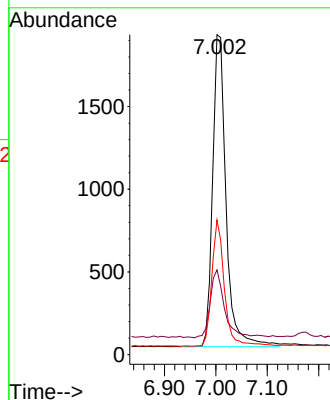
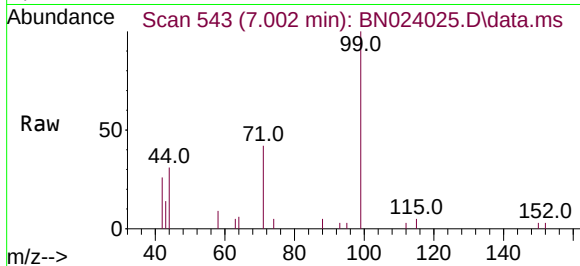
#5  
Phenol-d6  
Concen: 0.377 ng  
RT: 7.002 min Scan# 544  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion: 99 Resp: 3434  
Ion Ratio Lower Upper  
99 100  
42 22.8 17.0 25.6  
71 37.8 29.0 43.4

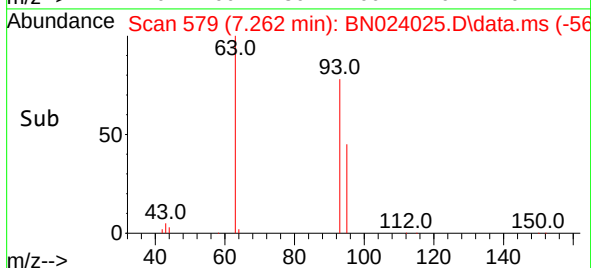
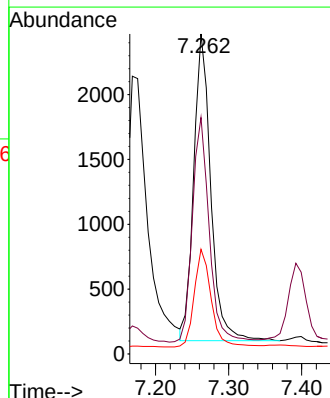
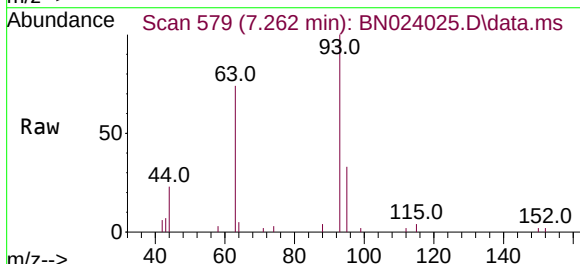
Manual Integrations  
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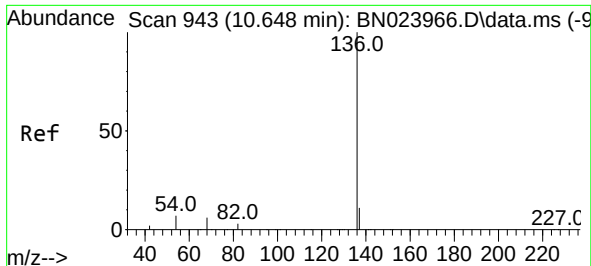
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023



#6  
bis(2-Chloroethyl)ether  
Concen: 0.421 ng  
RT: 7.262 min Scan# 579  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

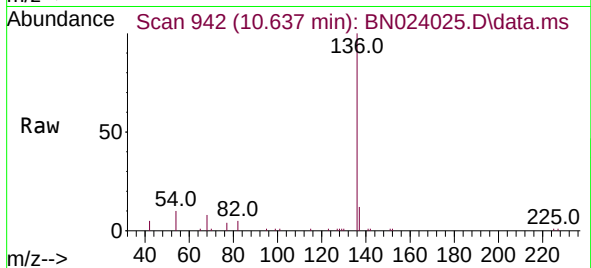
Tgt Ion: 93 Resp: 3839  
Ion Ratio Lower Upper  
93 100  
63 72.4 58.4 87.6  
95 31.5 25.8 38.6





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

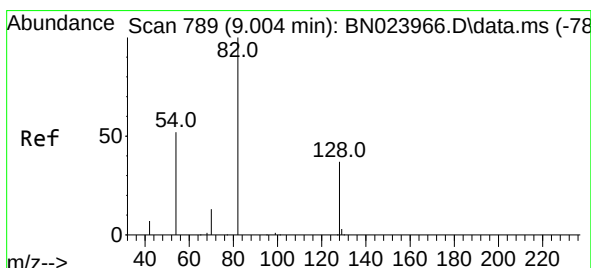
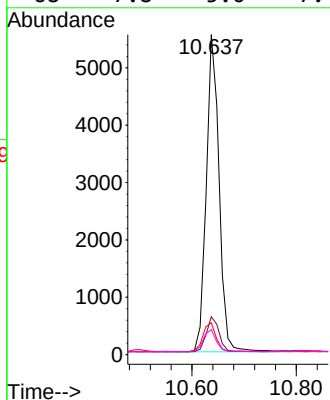
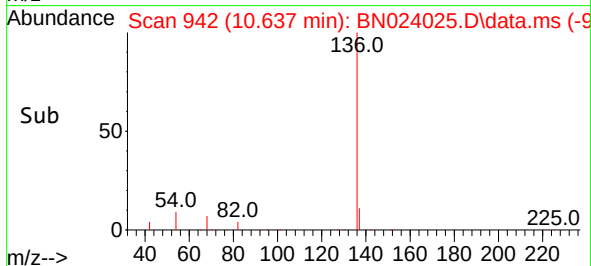
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:136 Resp: 9460  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.1 13.7  
54 10.0 5.8 8.8  
68 7.8 5.0 7.4

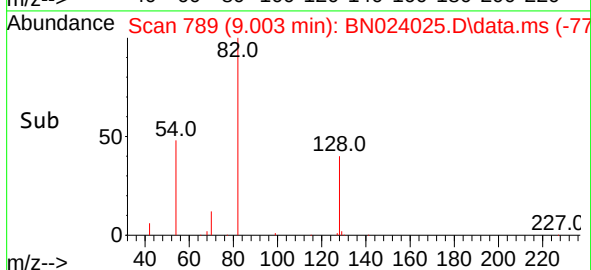
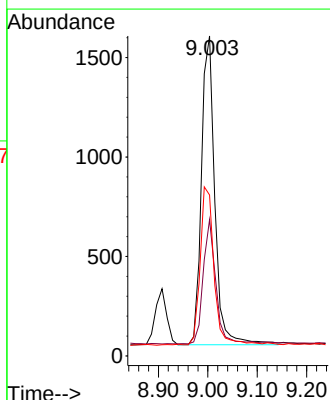
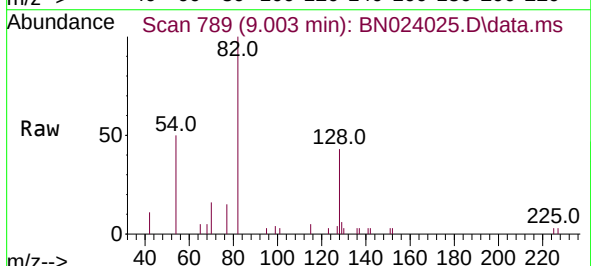
Manual Integrations  
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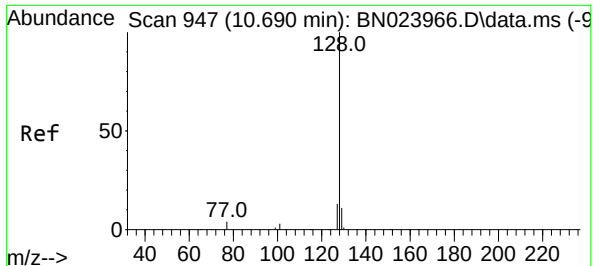
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023



#8  
Nitrobenzene-d5  
Concen: 0.386 ng  
RT: 9.003 min Scan# 789  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

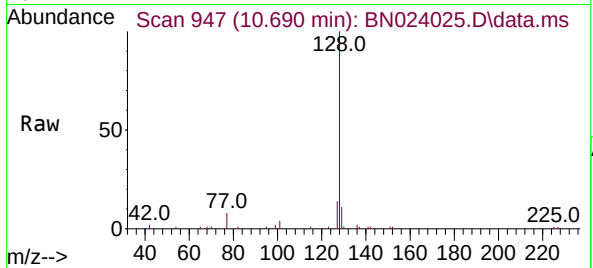
Tgt Ion: 82 Resp: 2930  
Ion Ratio Lower Upper  
82 100  
128 42.6 31.5 47.3  
54 50.3 42.8 64.2





#9  
Naphthalene  
Concen: 0.409 ng  
RT: 10.690 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

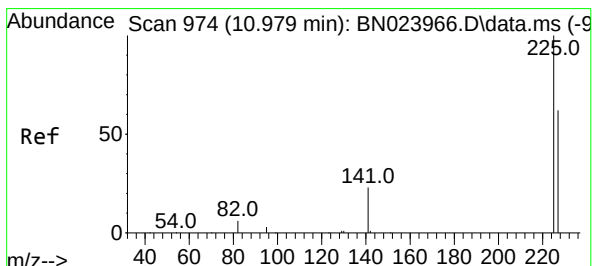
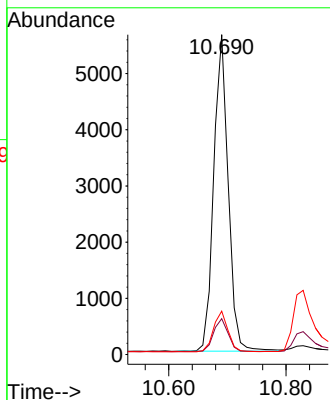
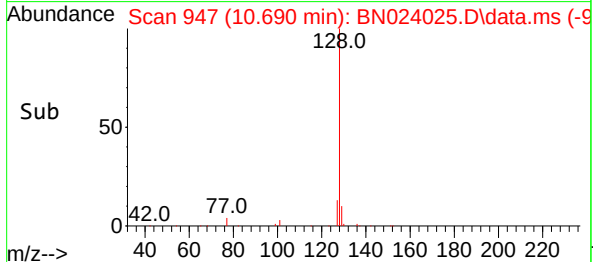
Instrument :  
BNA\_N  
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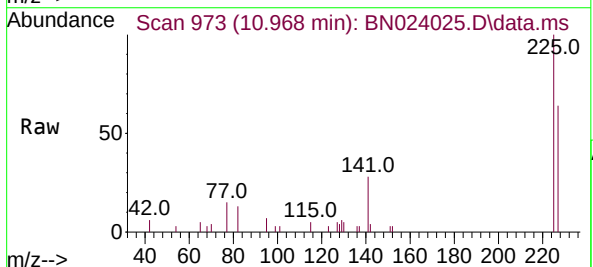
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Ion Ratio Lower Upper  
128 100  
129 11.2 9.3 13.9  
127 13.6 11.0 16.4

Manual Integrations  
APPROVED

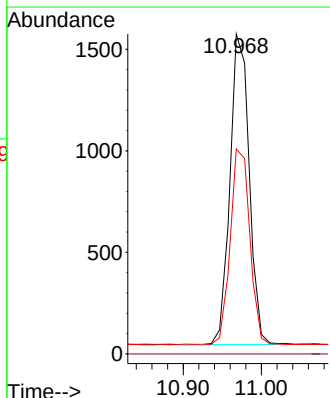
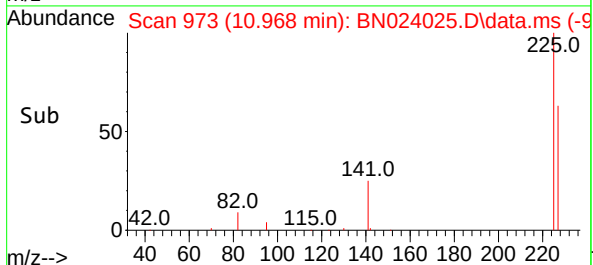
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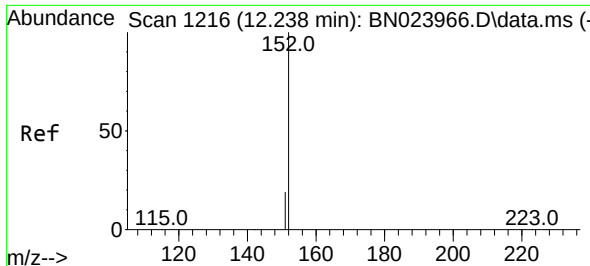


#10  
Hexachlorobutadiene  
Concen: 0.421 ng  
RT: 10.968 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11



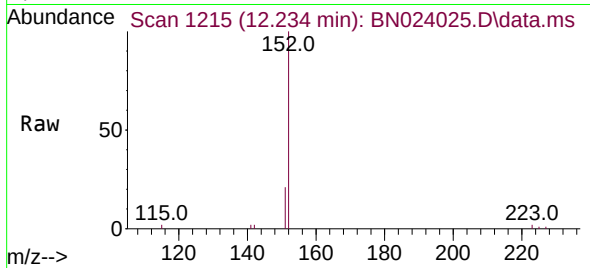
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.3 51.1 76.7





#11  
2-Methylnaphthalene-d10  
Concen: 0.389 ng  
RT: 12.234 min Scan# 1216  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

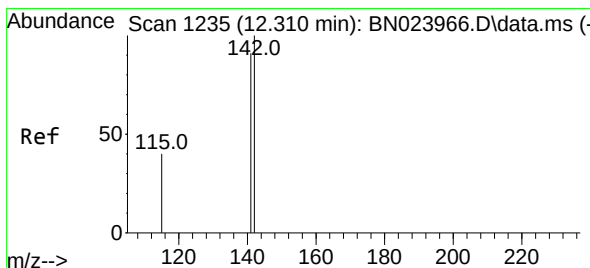
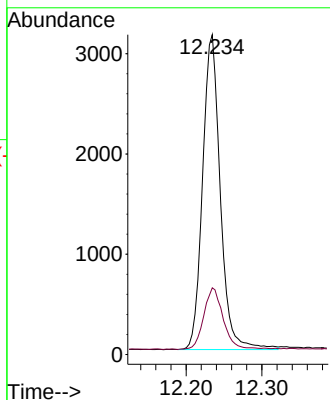
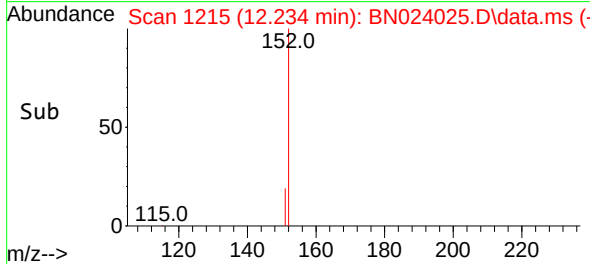
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



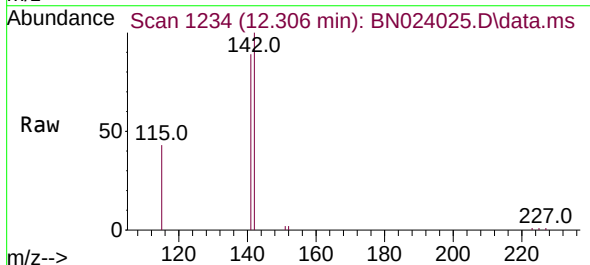
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Ion Ratio Lower Upper  
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151 21.3 16.6 24.8

Manual Integrations  
APPROVED

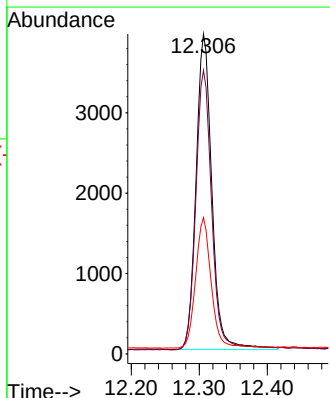
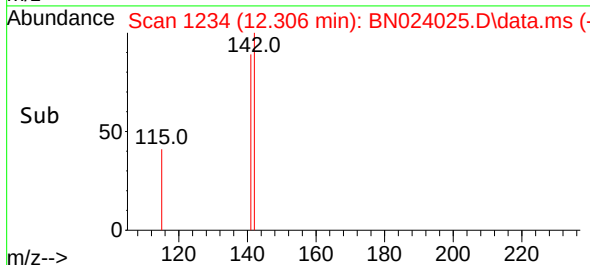
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023



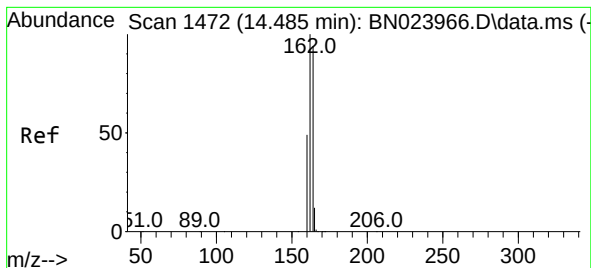
#12  
2-Methylnaphthalene  
Concen: 0.403 ng  
RT: 12.306 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11



Tgt Ion:142 Resp: 6321  
Ion Ratio Lower Upper  
142 100  
141 88.6 72.9 109.3  
115 42.6 33.1 49.7







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.484 min Scan# 1472

Delta R.T. 0.000 min

Lab File: BN024025.D

Acq: 14 Feb 2023 16:11

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

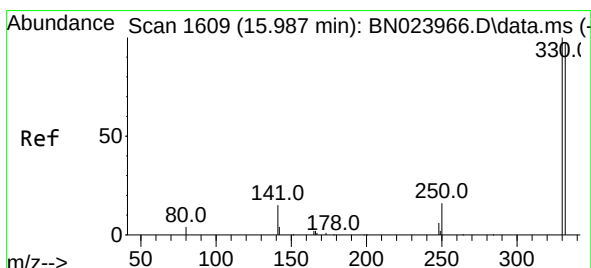
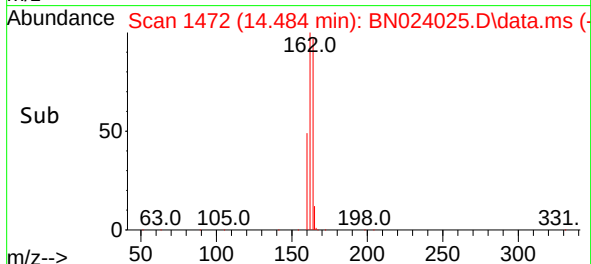
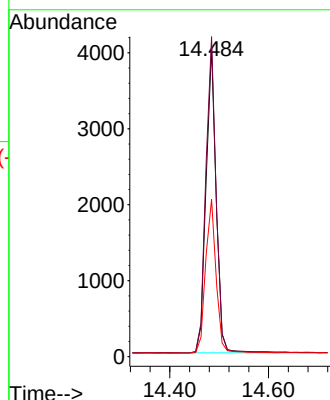
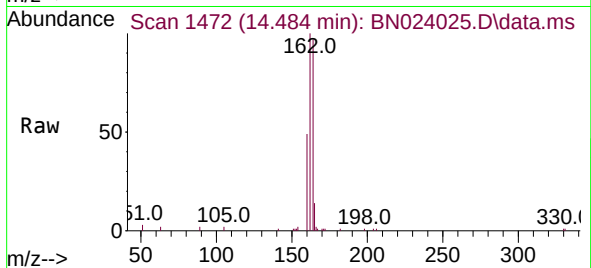
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 572   |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 103.4 | 84.8  | 127.2 |
| 160       | 50.8  | 42.0  | 63.0  |

Manual Integrations

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Reviewed By :Christian Giraldo 02/15/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#14

2,4,6-Tribromophenol

Concen: 0.330 ng

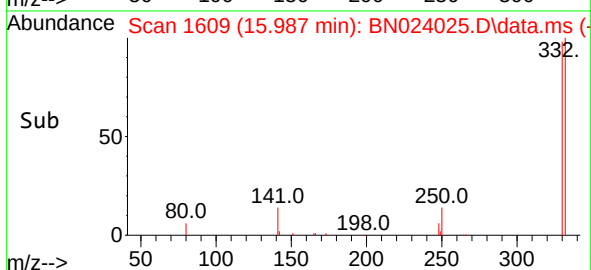
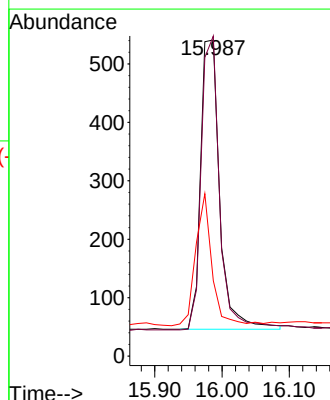
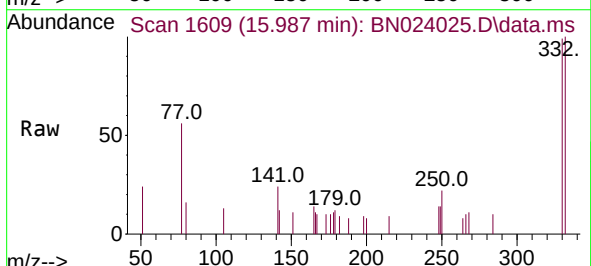
RT: 15.987 min Scan# 1609

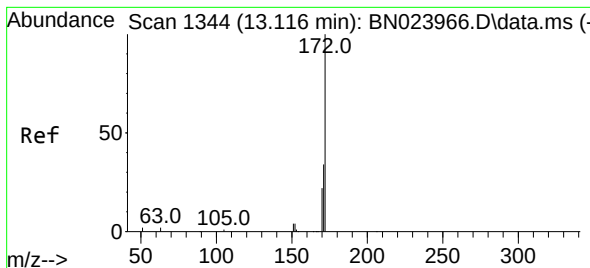
Delta R.T. 0.000 min

Lab File: BN024025.D

Acq: 14 Feb 2023 16:11

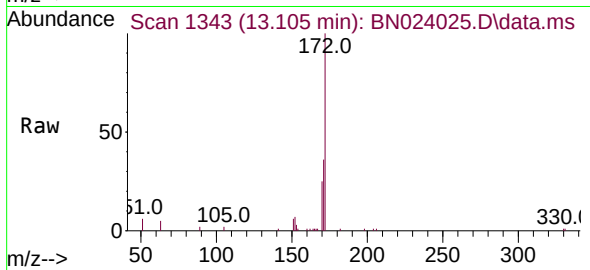
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 973   |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 98.2  | 77.7  | 116.5 |
| 141       | 39.5  | 26.6  | 39.8  |





#15  
2-Fluorobiphenyl  
Concen: 0.407 ng  
RT: 13.105 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

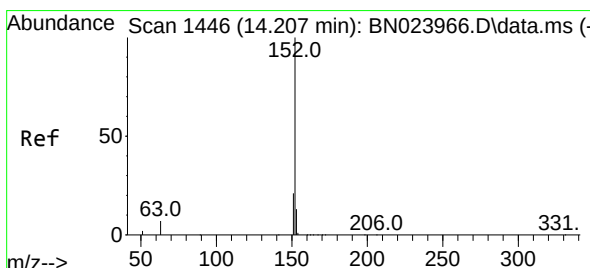
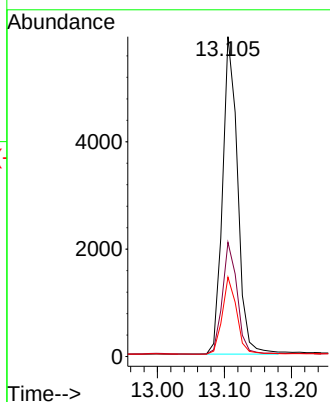
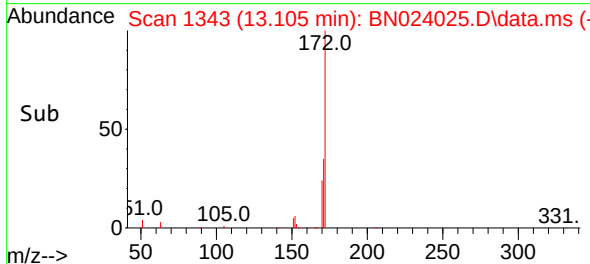
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



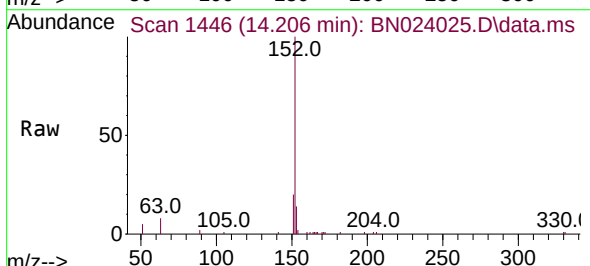
Tgt Ion:172 Resp: 9210  
Ion Ratio Lower Upper  
172 100  
171 35.7 27.4 41.2  
170 24.8 18.2 27.4

Manual Integrations  
APPROVED

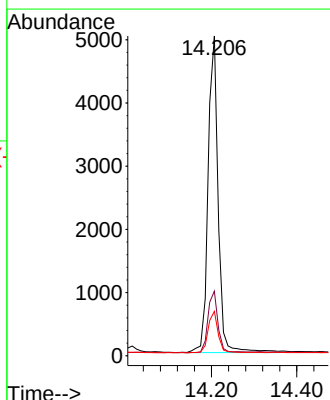
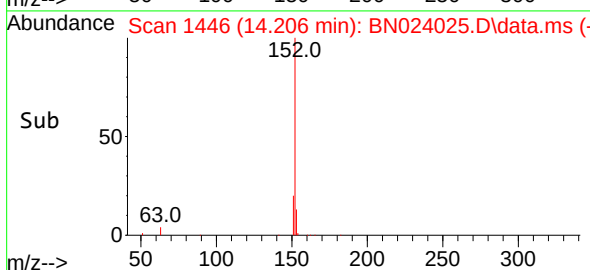
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023

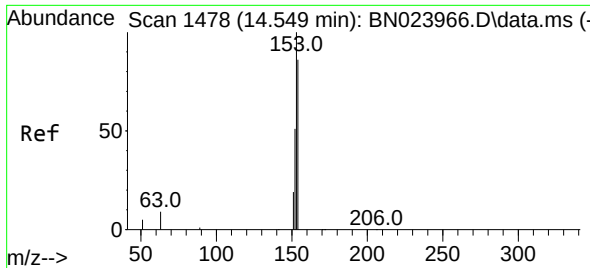


#16  
Acenaphthylene  
Concen: 0.369 ng  
RT: 14.206 min Scan# 1446  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11



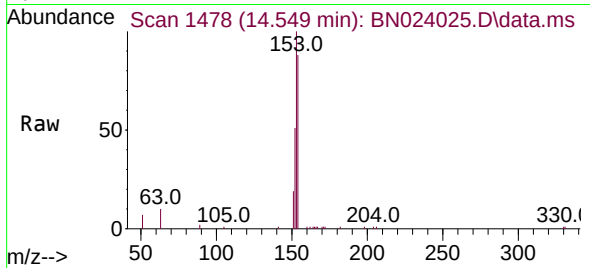
Tgt Ion:152 Resp: 8222  
Ion Ratio Lower Upper  
152 100  
151 19.2 15.9 23.9  
153 13.0 10.5 15.7





#17  
Acenaphthene  
Concen: 0.404 ng  
RT: 14.549 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

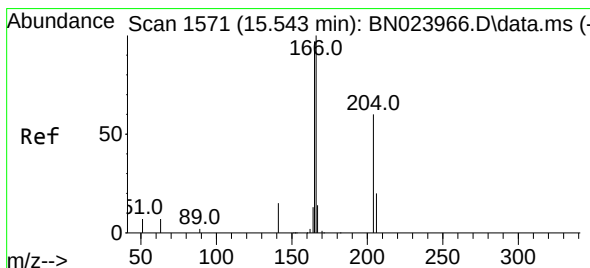
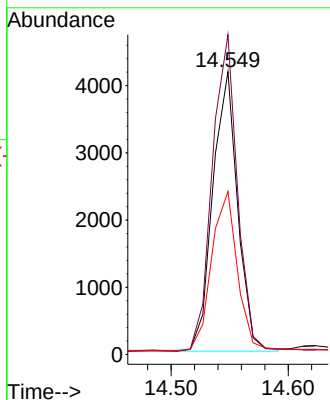
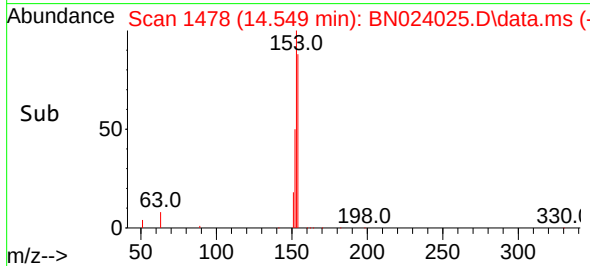
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



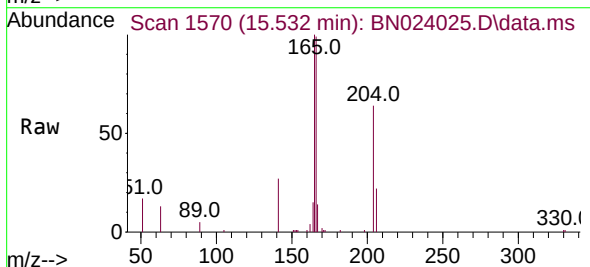
Tgt Ion:154 Resp: 6123  
Ion Ratio Lower Upper  
154 100  
153 116.0 92.6 139.0  
152 59.9 46.5 69.7

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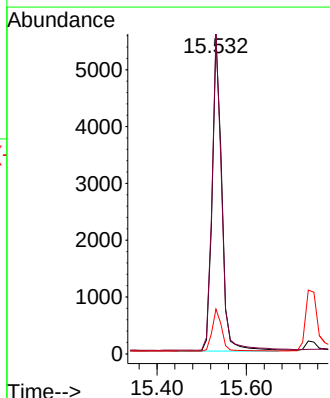
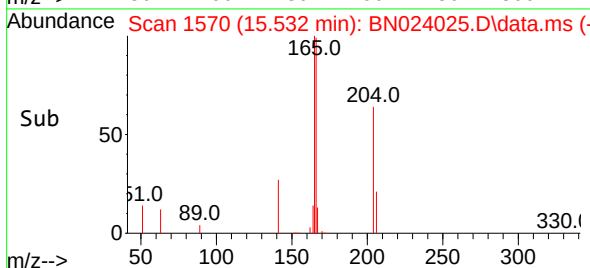
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023

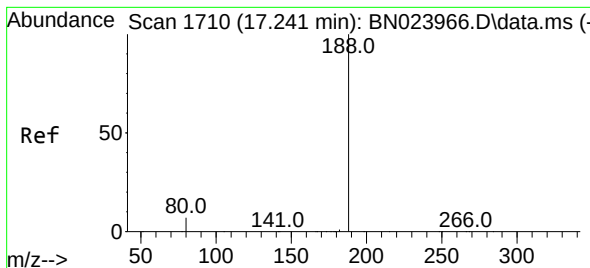


#18  
Fluorene  
Concen: 0.402 ng  
RT: 15.532 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11



Tgt Ion:166 Resp: 8266  
Ion Ratio Lower Upper  
166 100  
165 99.8 79.3 118.9  
167 13.5 11.0 16.6





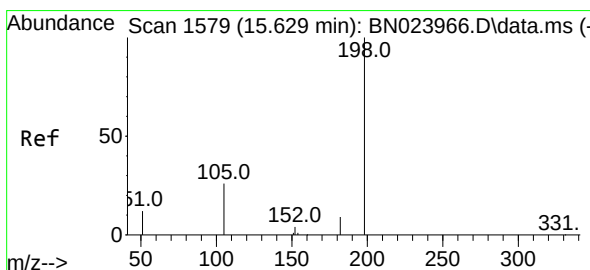
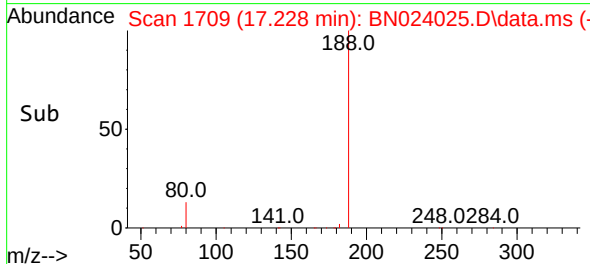
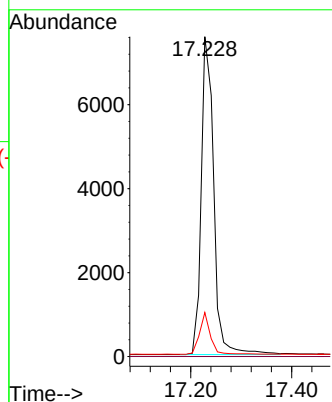
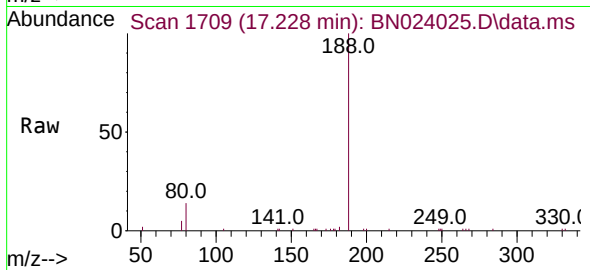
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.228 min Scan# 1709  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:188 Resp: 12909  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.8 6.1 9.1

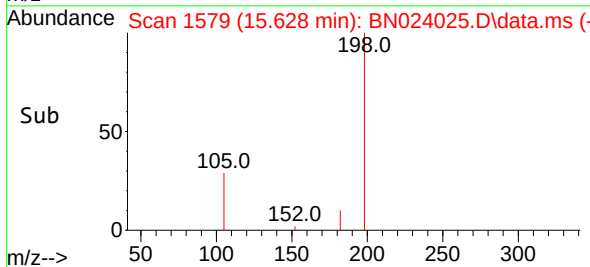
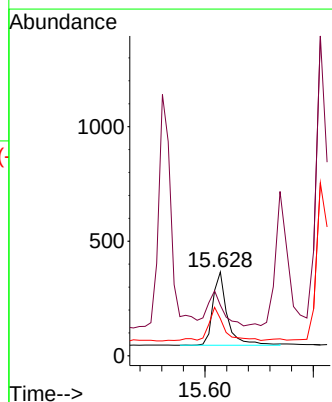
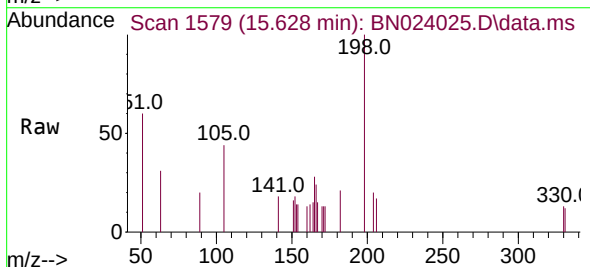
Manual Integrations  
APPROVED

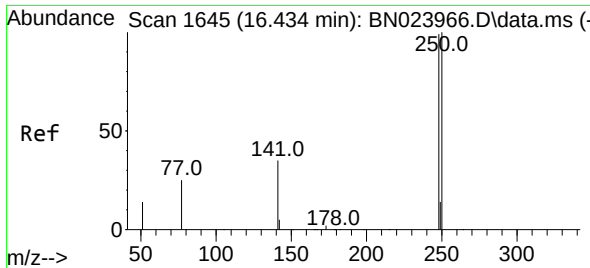
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.393 ng  
RT: 15.628 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

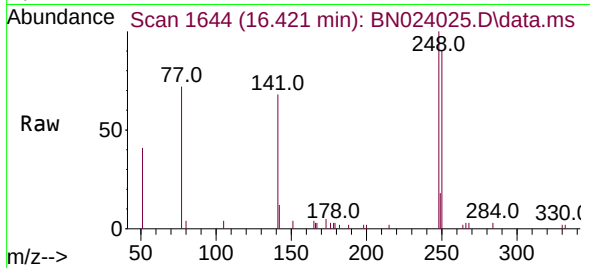
Tgt Ion:198 Resp: 602  
Ion Ratio Lower Upper  
198 100  
51 60.4 36.8 55.2#  
105 44.3 28.8 43.2#





#21  
4-Bromophenyl-phenylether  
Concen: 0.377 ng  
RT: 16.421 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

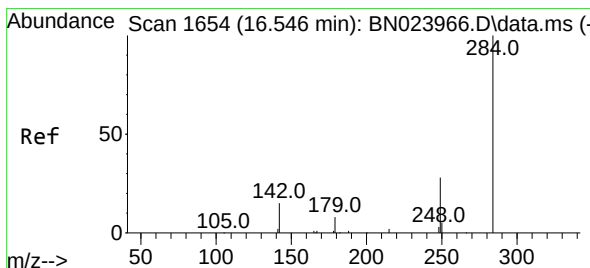
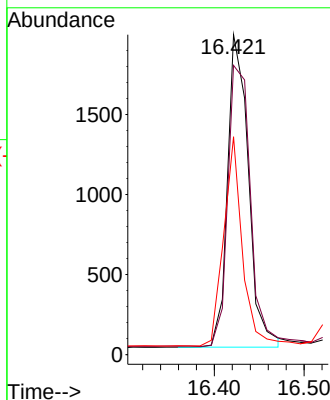
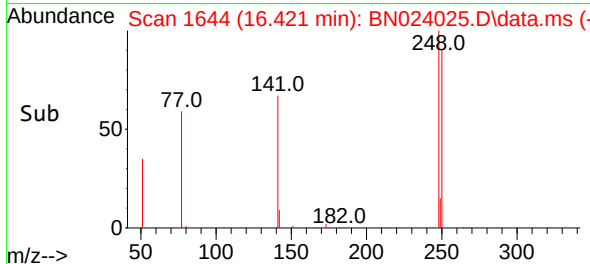
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:248 Resp: 3162  
Ion Ratio Lower Upper  
248 100  
250 90.4 80.8 121.2  
141 68.1 29.2 43.8

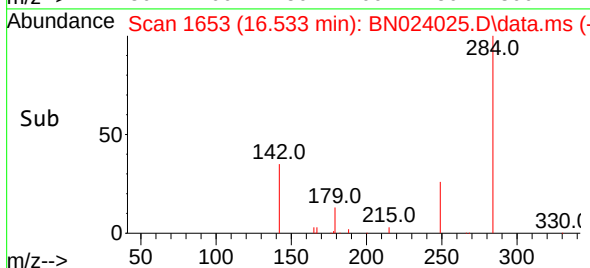
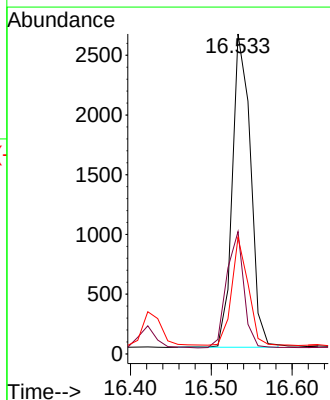
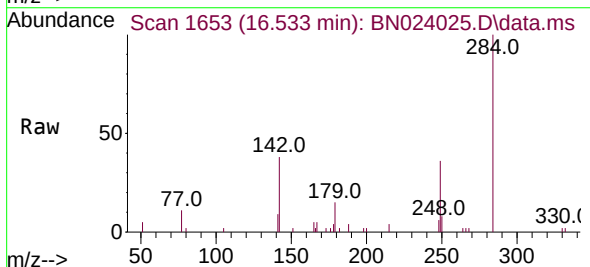
Manual Integrations  
APPROVED

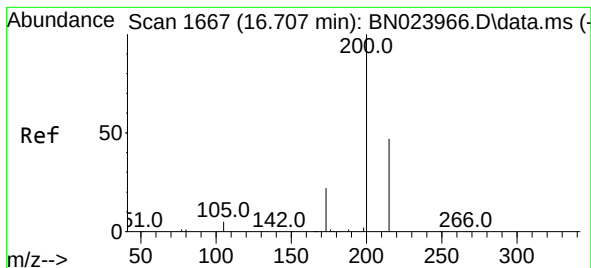
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023



#22  
Hexachlorobenzene  
Concen: 0.407 ng  
RT: 16.533 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

Tgt Ion:284 Resp: 4110  
Ion Ratio Lower Upper  
284 100  
142 35.2 26.2 39.2  
249 30.9 25.0 37.4





#23

Atrazine

Concen: 0.354 ng

RT: 16.707 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BN024025.D

Acq: 14 Feb 2023 16:11

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

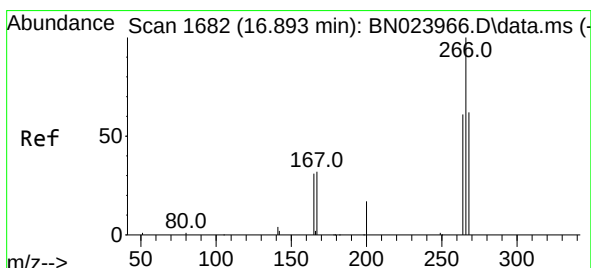
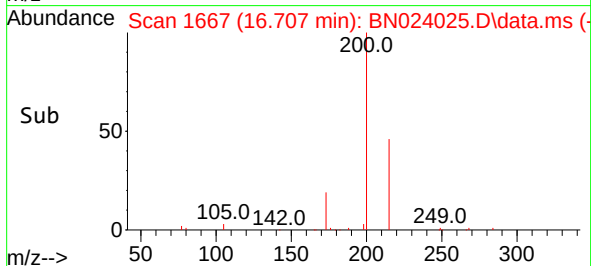
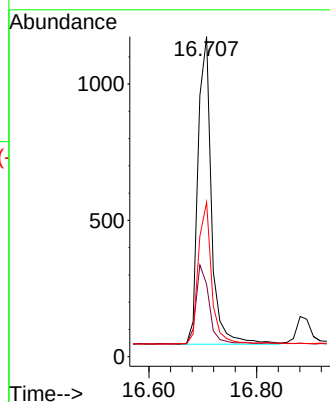
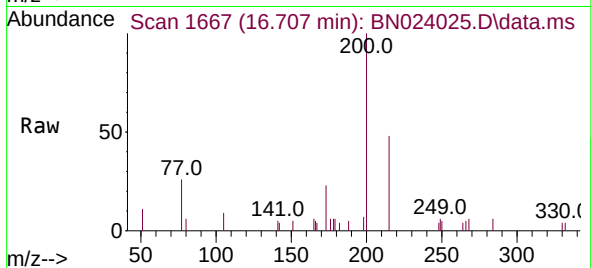
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 1945 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 22.7  | 19.5  | 29.3 |
| 215       | 48.2  | 38.6  | 58.0 |

Manual Integrations

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Reviewed By :Christian Giraldo 02/15/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#24

Pentachlorophenol

Concen: 0.390 ng

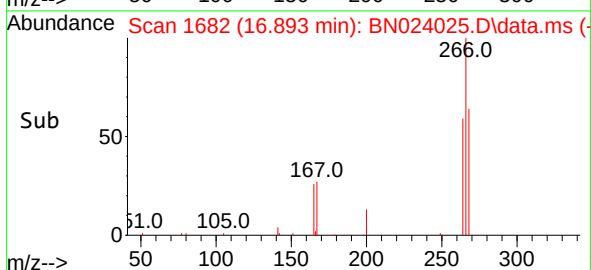
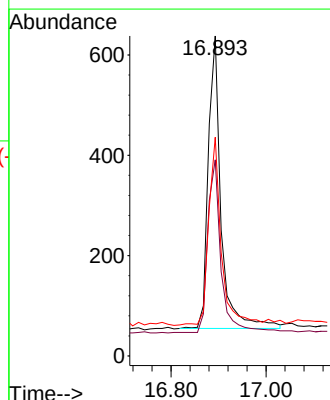
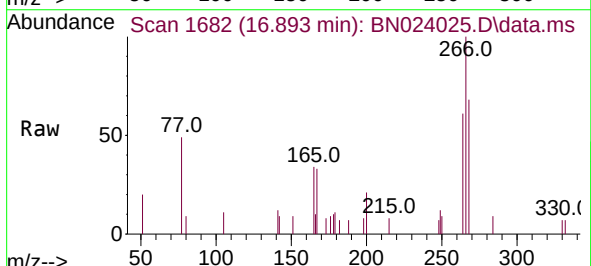
RT: 16.893 min Scan# 1682

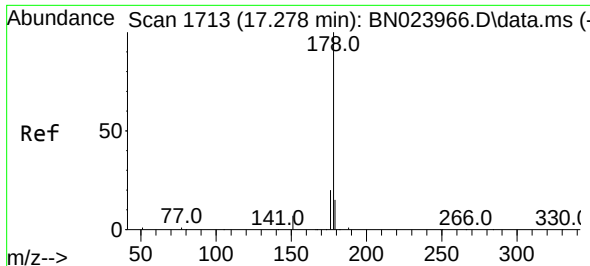
Delta R.T. 0.000 min

Lab File: BN024025.D

Acq: 14 Feb 2023 16:11

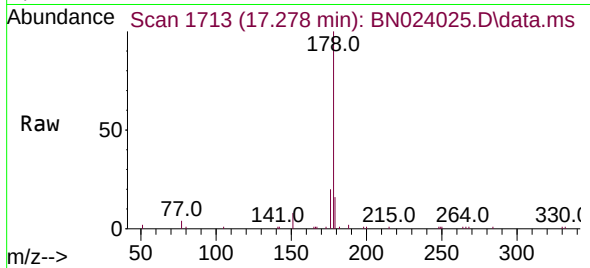
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 1086 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 60.9  | 47.6  | 71.4 |
| 268       | 62.7  | 47.5  | 71.3 |





#25  
Phenanthrene  
Concen: 0.391 ng  
RT: 17.278 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

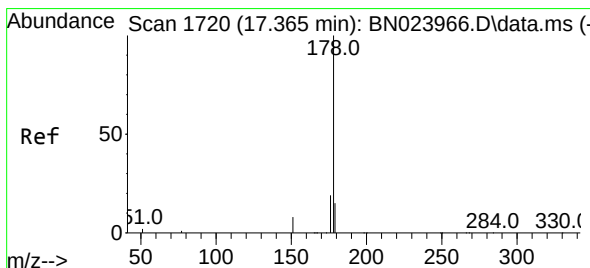
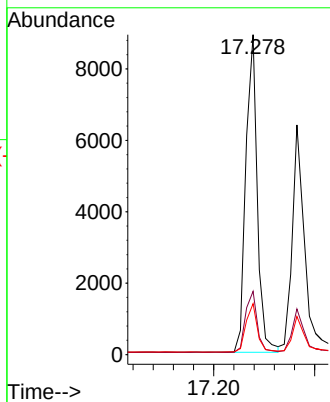
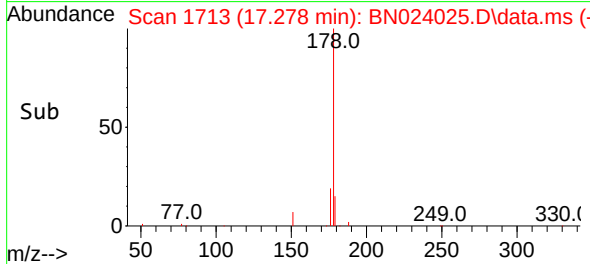
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



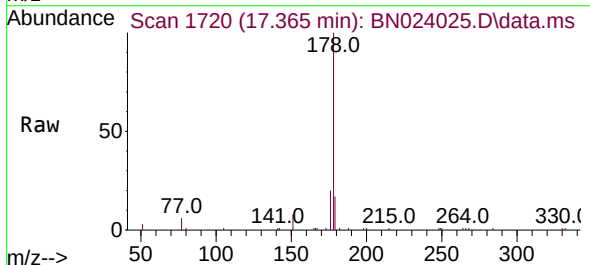
Tgt Ion:178 Resp: 13932  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.6 23.4  
179 15.3 12.6 19.0

Manual Integrations  
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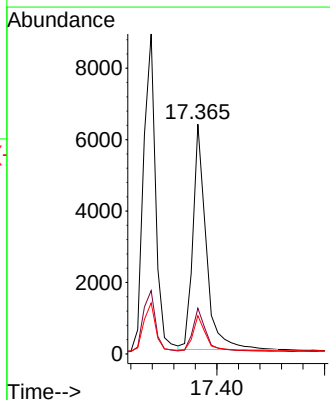
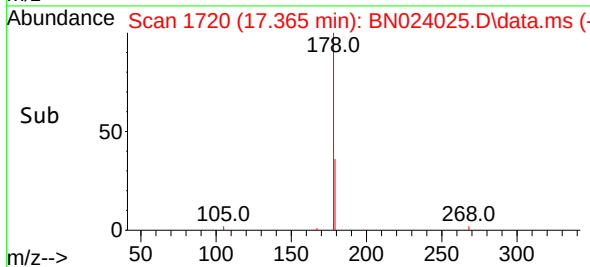
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023

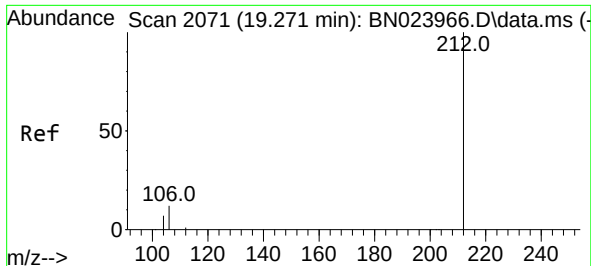


#26  
Anthracene  
Concen: 0.367 ng  
RT: 17.365 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11



Tgt Ion:178 Resp: 10767  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.9 22.3  
179 14.7 12.2 18.4





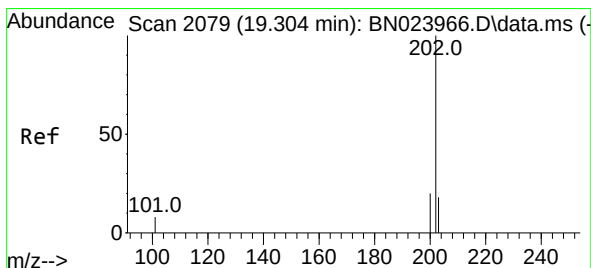
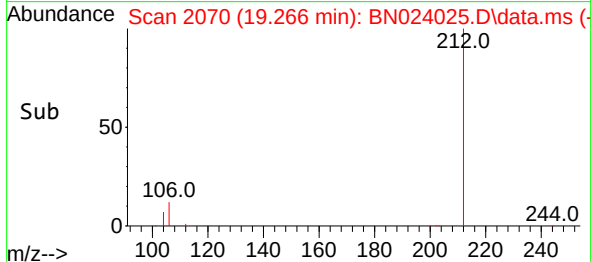
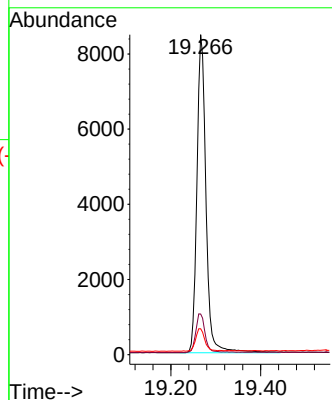
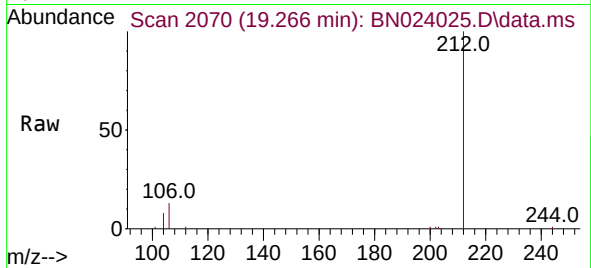
#27  
Fluoranthene-d10  
Concen: 0.379 ng  
RT: 19.266 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:212 Resp: 11868  
Ion Ratio Lower Upper  
212 100  
106 12.2 9.2 13.8  
104 7.1 5.7 8.5

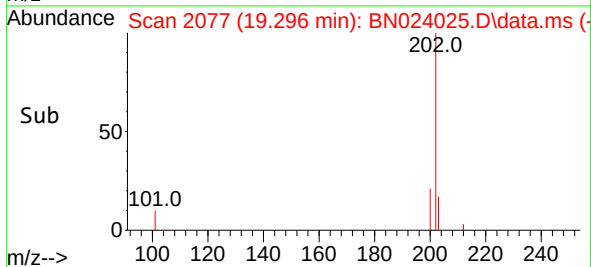
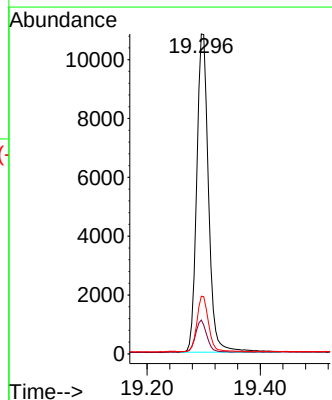
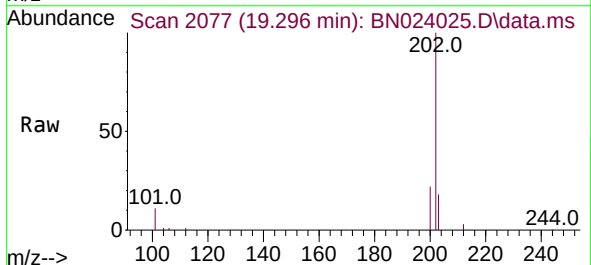
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023

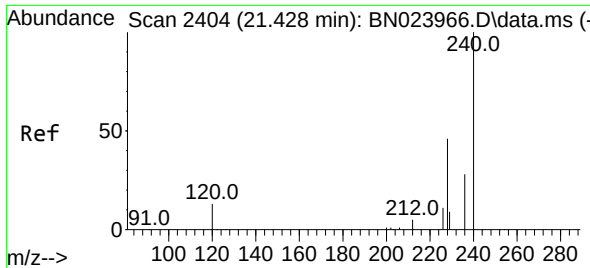


#28  
Fluoranthene  
Concen: 0.382 ng  
RT: 19.296 min Scan# 2077  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

Tgt Ion:202 Resp: 15583  
Ion Ratio Lower Upper  
202 100  
101 9.8 7.7 11.5  
203 17.0 13.7 20.5







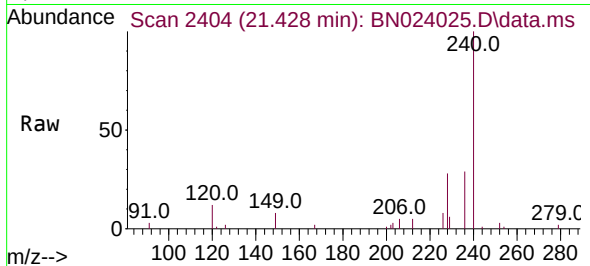
#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.428 min Scan# 2404  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

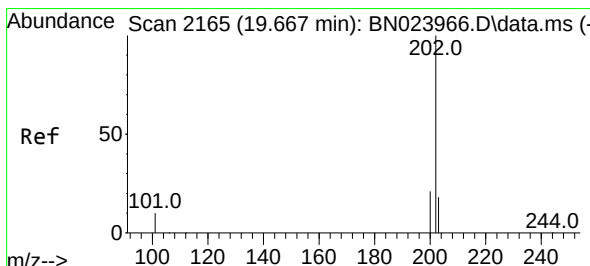
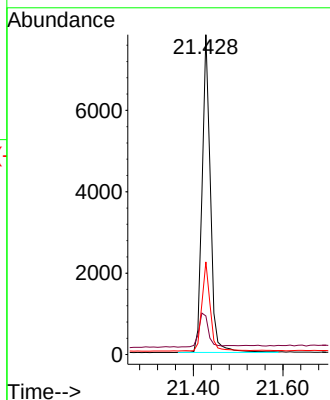
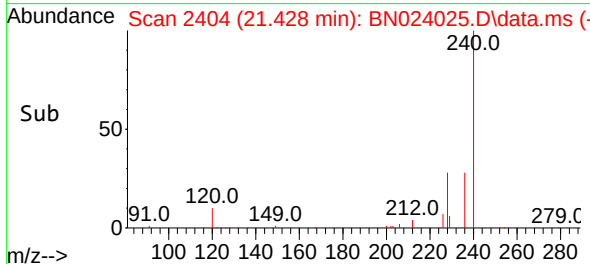


Tgt Ion:240 Resp: 10079  
Ion Ratio Lower Upper  
240 100  
120 12.1 11.4 17.0  
236 29.0 23.2 34.8

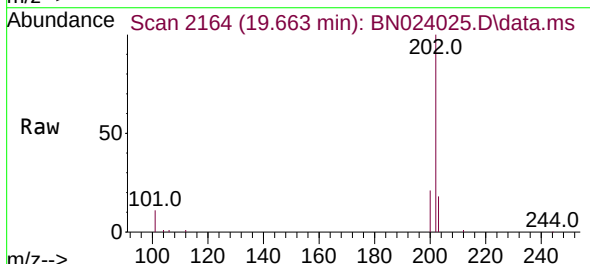
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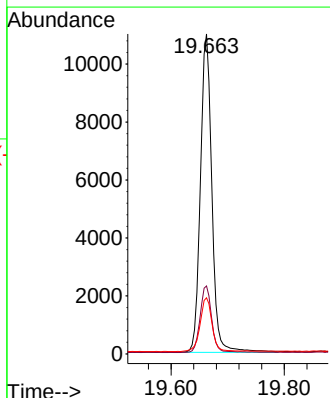
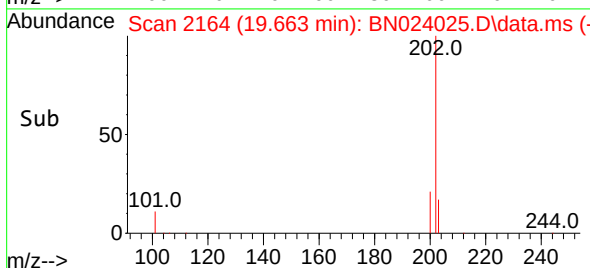
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023

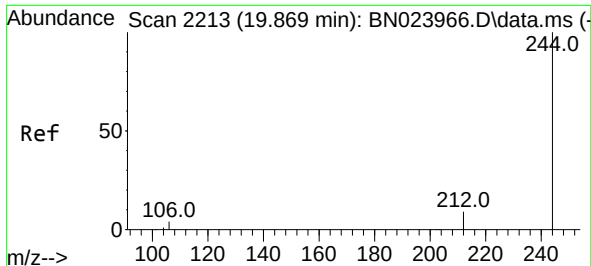


#30  
Pyrene  
Concen: 0.440 ng  
RT: 19.663 min Scan# 2164  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11



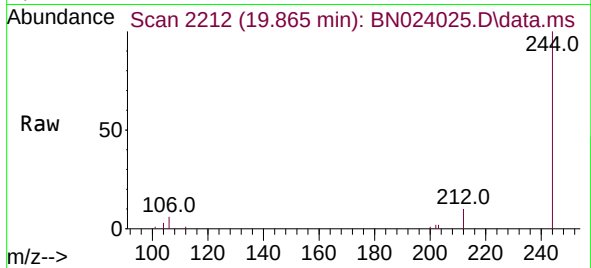
Tgt Ion:202 Resp: 15385  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.7 25.1  
203 17.6 14.4 21.6





#31  
Terphenyl-d14  
Concen: 0.422 ng  
RT: 19.865 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

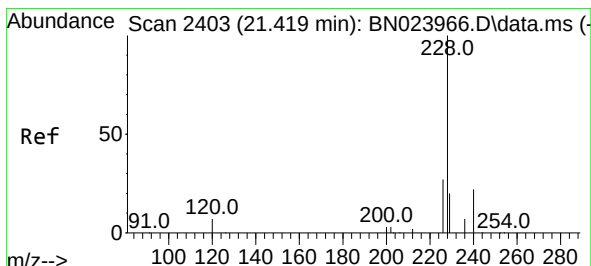
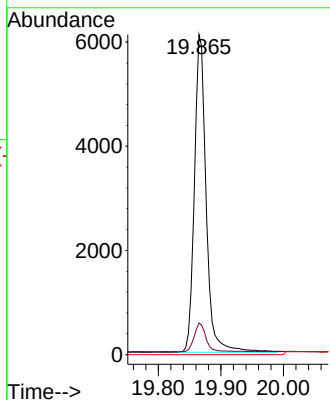
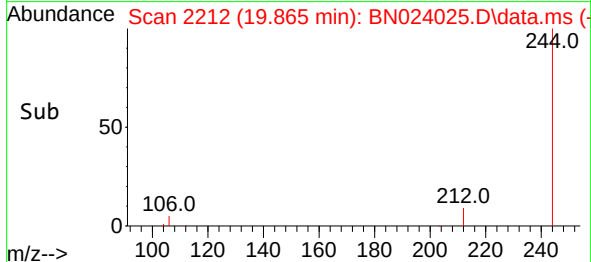
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:244 Resp: 794  
Ion Ratio Lower Upper  
244 100  
212 9.9 7.7 11.5  
122 0.0 0.0 0.0

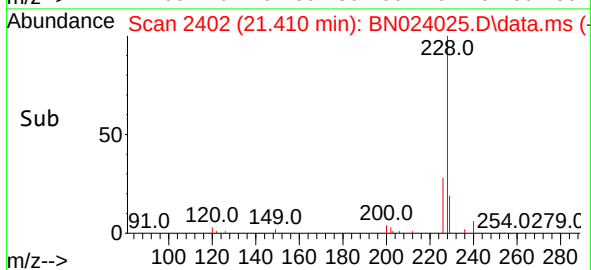
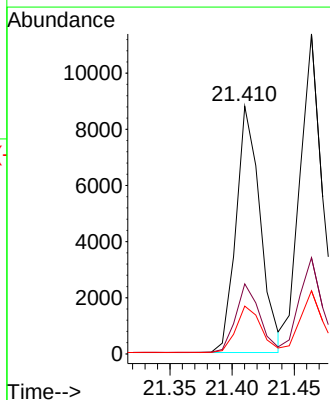
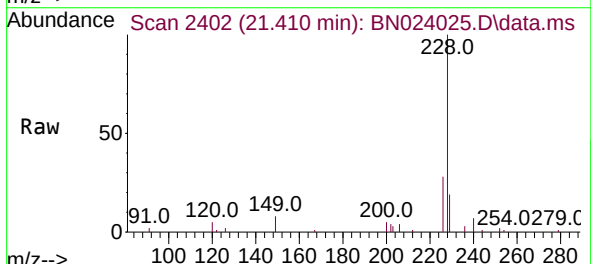
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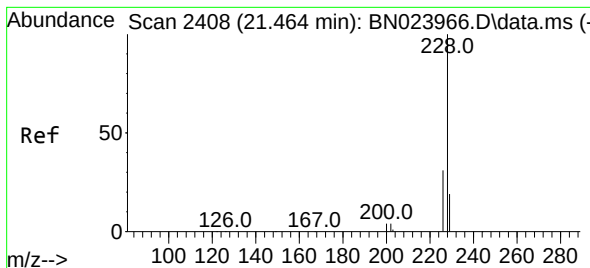
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023



#32  
Benzo(a)anthracene  
Concen: 0.368 ng  
RT: 21.410 min Scan# 2402  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

Tgt Ion:228 Resp: 11879  
Ion Ratio Lower Upper  
228 100  
226 28.3 21.8 32.8  
229 19.3 15.9 23.9





#33

Chrysene

Concen: 0.416 ng

RT: 21.464 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BN024025.D

Acq: 14 Feb 2023 16:11

Instrument :

BNA\_N

ClientSampleId :

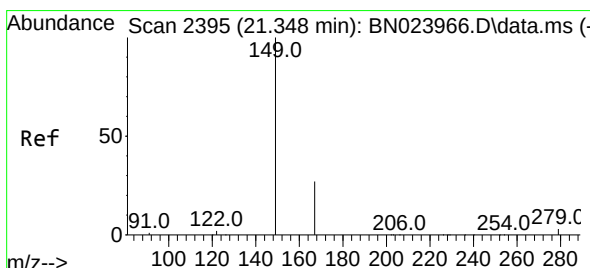
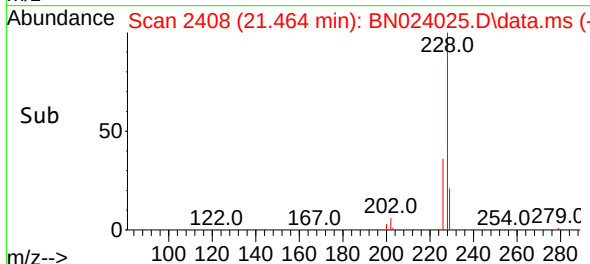
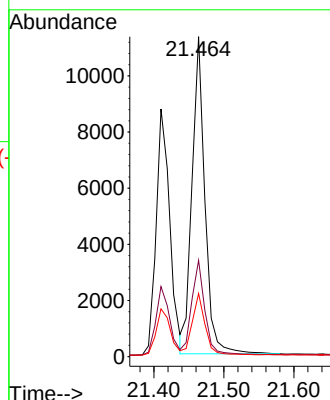
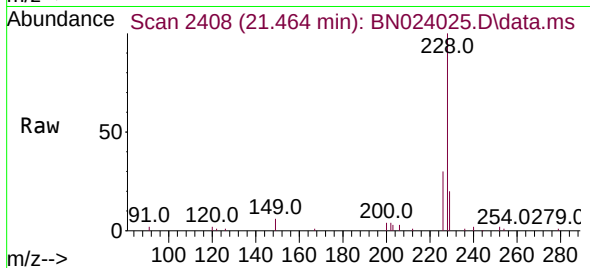
SSTDCCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 1446 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 30.1  | 25.2  | 37.8 |
| 229       | 19.7  | 15.7  | 23.5 |

Manual Integrations

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Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.356 ng

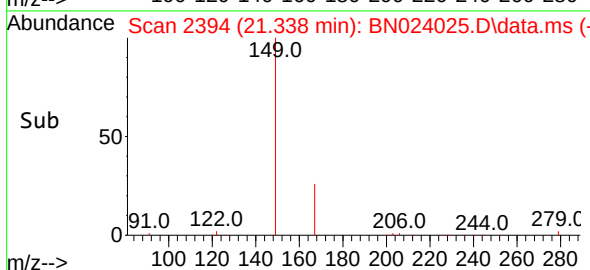
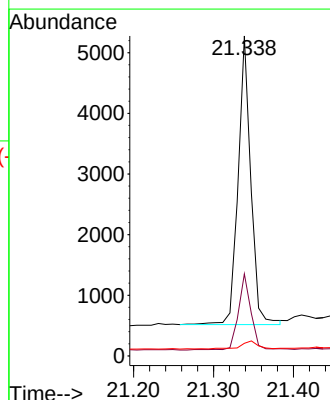
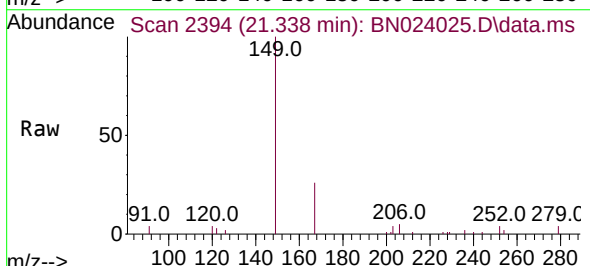
RT: 21.338 min Scan# 2394

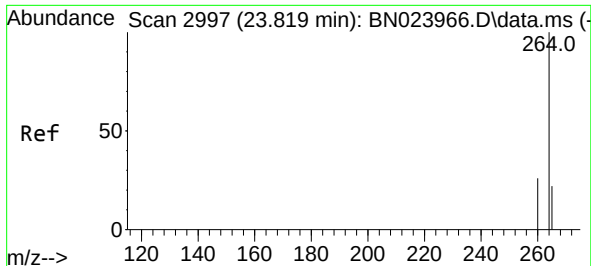
Delta R.T. 0.000 min

Lab File: BN024025.D

Acq: 14 Feb 2023 16:11

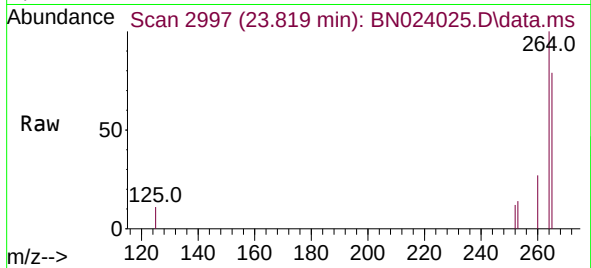
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 5250 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 26.4  | 21.1  | 31.7 |
| 279       | 4.1   | 3.1   | 4.7  |





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.819 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

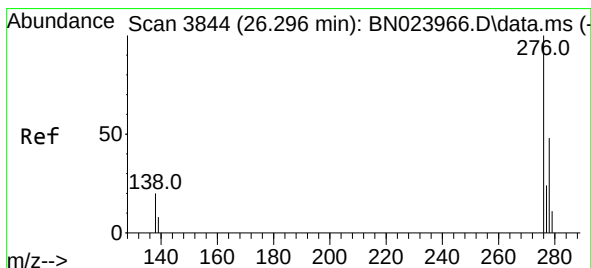
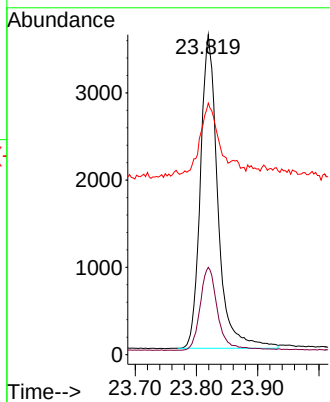
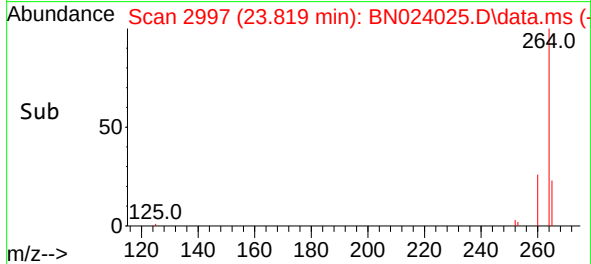
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



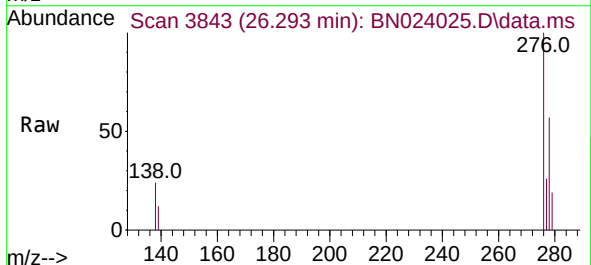
Tgt Ion:264 Resp: 7116  
Ion Ratio Lower Upper  
264 100  
260 27.3 21.4 32.0  
265 78.6 41.4 62.0

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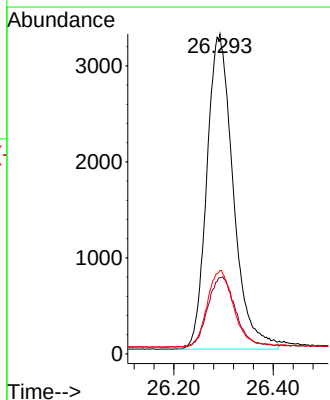
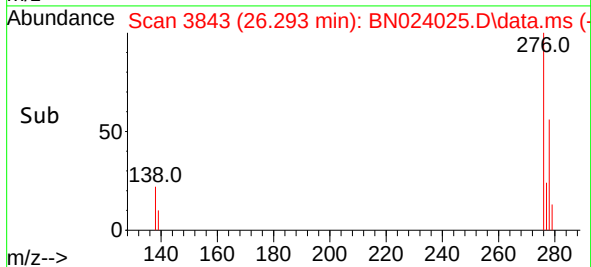
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023

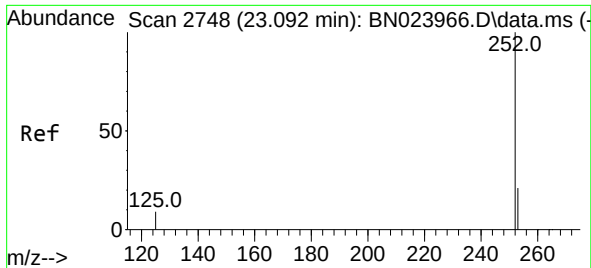


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.375 ng  
RT: 26.293 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11



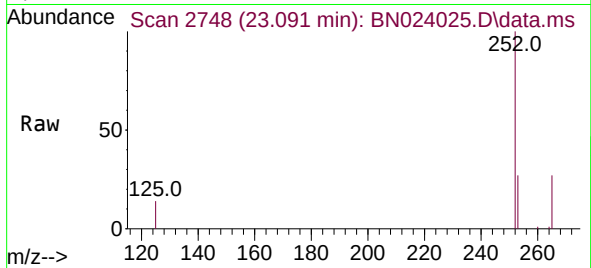
Tgt Ion:276 Resp: 12113  
Ion Ratio Lower Upper  
276 100  
138 23.0 18.0 27.0  
277 24.6 19.9 29.9





#37  
Benzo(b)fluoranthene  
Concen: 0.424 ng m  
RT: 23.091 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

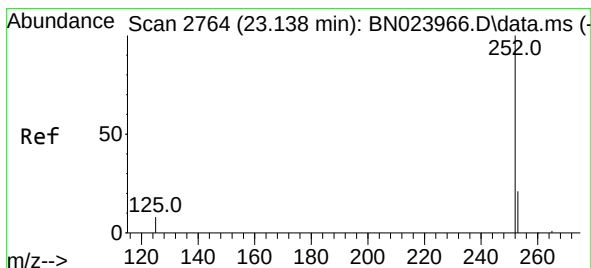
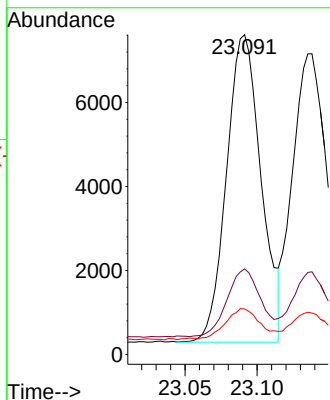
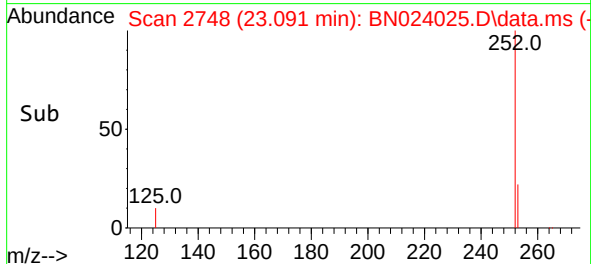
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:252 Resp: 12200  
Ion Ratio Lower Upper  
252 100  
253 26.8 19.8 29.6  
125 14.3 9.4 14.0

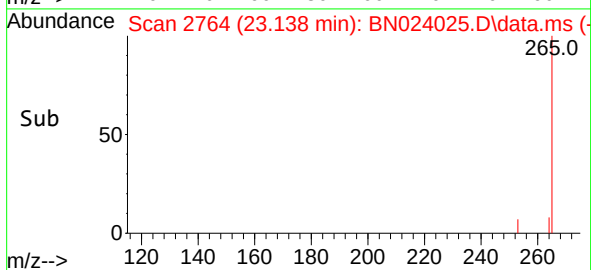
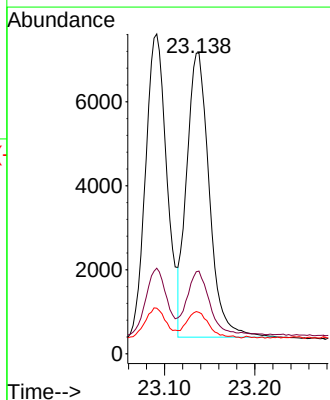
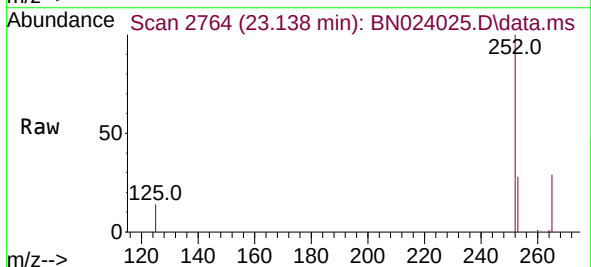
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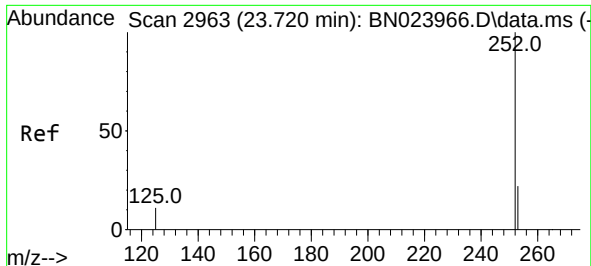
Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023



#38  
Benzo(k)fluoranthene  
Concen: 0.414 ng  
RT: 23.138 min Scan# 2764  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

Tgt Ion:252 Resp: 11780  
Ion Ratio Lower Upper  
252 100  
253 27.5 20.2 30.2  
125 13.8 9.0 13.4





#39

Benzo(a)pyrene

Concen: 0.387 ng

RT: 23.717 min Scan# 2962

Delta R.T. 0.000 min

Lab File: BN024025.D

Acq: 14 Feb 2023 16:11

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

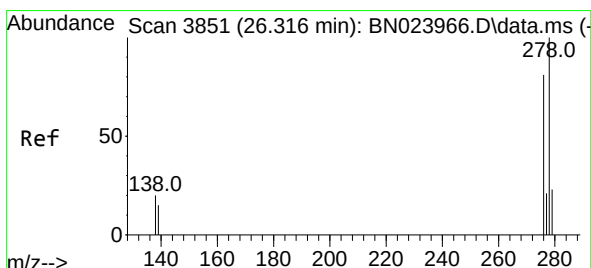
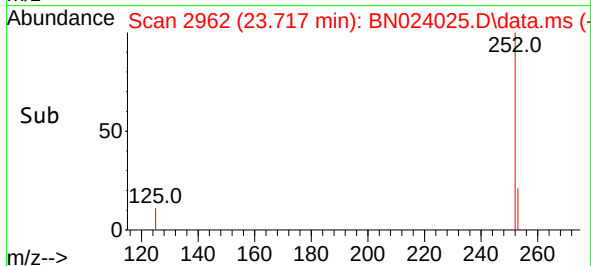
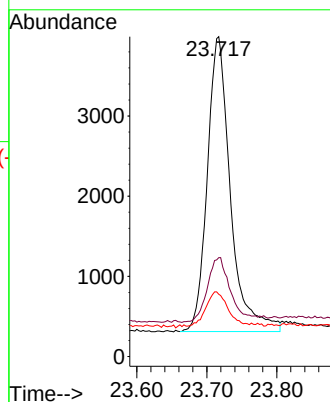
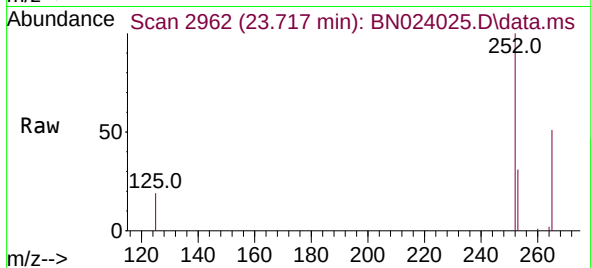
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 8448 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 30.9  | 21.9  | 32.9 |
| 125       | 19.5  | 12.4  | 18.6 |

Manual Integrations

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Reviewed By :Christian Giraldo 02/15/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.376 ng

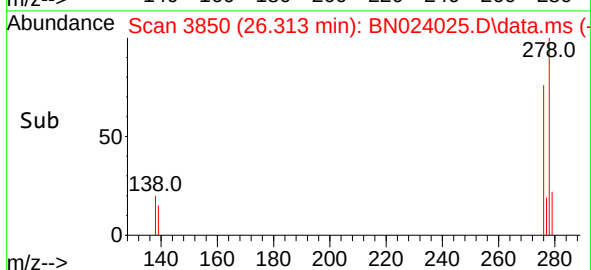
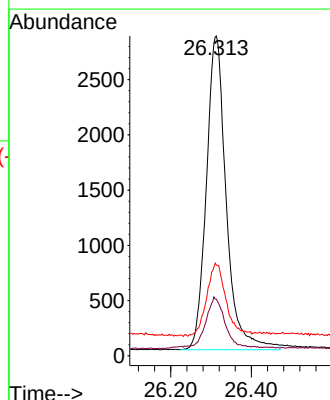
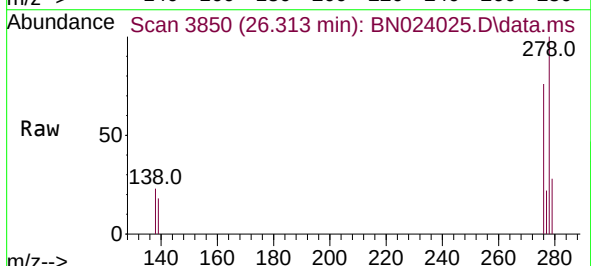
RT: 26.313 min Scan# 3850

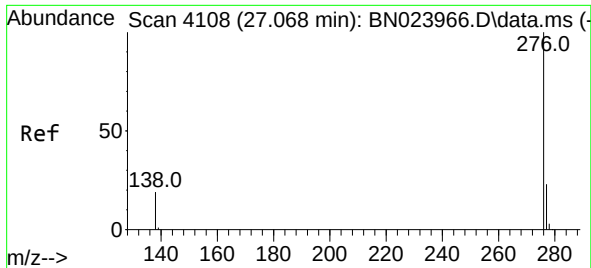
Delta R.T. 0.000 min

Lab File: BN024025.D

Acq: 14 Feb 2023 16:11

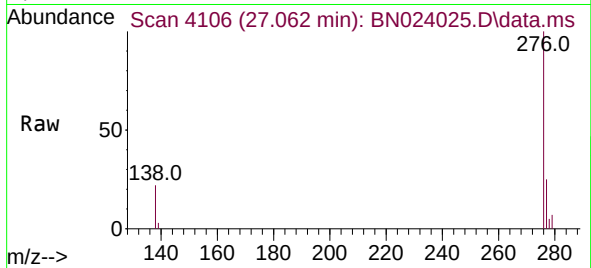
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 278   | Resp: | 9720 |
| Ion Ratio | Lower | Upper |      |
| 278       | 100   |       |      |
| 139       | 17.7  | 13.1  | 19.7 |
| 279       | 28.3  | 21.7  | 32.5 |





#41  
Benzo(g,h,i)perylene  
Concen: 0.394 ng  
RT: 27.062 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BN024025.D  
Acq: 14 Feb 2023 16:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:276 Resp: 10810  
Ion Ratio Lower Upper  
276 100  
277 25.4 19.6 29.4  
138 22.5 16.2 24.4

Manual Integrations  
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Reviewed By :Christian Giraldo 02/15/2023  
Supervised By :Jagrut Upadhyay 02/16/2023

