

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122123\  
 Data File : BN029168.D  
 Acq On : 22 Dec 2023 02:18  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/22/2023  
 Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 22 04:02:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 20 18:03:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.789  | 152  | 916      | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.573 | 136  | 1733     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.425 | 164  | 958      | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.181 | 188  | 1524     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.384 | 240  | 720      | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.709 | 264  | 914      | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 800      | 0.365 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.995  | 99   | 862      | 0.358 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.961  | 82   | 812      | 0.360 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.170 | 152  | 1068     | 0.407 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.927 | 330  | 251      | 0.300 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.057 | 172  | 1893     | 0.338 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.220 | 212  | 1226     | 0.332 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.833 | 244  | 705      | 0.356 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.333  | 88   | 379      | 0.439 | ng    | # 88     |
| 3) n-Nitrosodimethylamine     | 3.709  | 42   | 197      | 0.333 | ng    | # 53     |
| 6) bis(2-Chloroethyl)ether    | 7.240  | 93   | 608      | 0.325 | ng    | 97       |
| 9) Naphthalene                | 10.626 | 128  | 1981     | 0.351 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.893 | 225  | 641      | 0.345 | ng    | # 97     |
| 12) 2-Methylnaphthalene       | 12.242 | 142  | 1389     | 0.376 | ng    | 96       |
| 16) Acenaphthylene            | 14.148 | 152  | 2284     | 0.338 | ng    | 98       |
| 17) Acenaphthene              | 14.490 | 154  | 1448     | 0.358 | ng    | 94       |
| 18) Fluorene                  | 15.484 | 166  | 1905     | 0.349 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.592 | 198  | 136      | 0.250 | ng    | 95       |
| 21) 4-Bromophenyl-phenylether | 16.387 | 248  | 541      | 0.343 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.473 | 284  | 640      | 0.349 | ng    | 98       |
| 23) Atrazine                  | 16.672 | 200  | 480      | 0.363 | ng    | 97       |
| 24) Pentachlorophenol         | 16.846 | 266  | 372      | 0.342 | ng    | 96       |
| 25) Phenanthrene              | 17.218 | 178  | 2382     | 0.379 | ng    | 99       |
| 26) Anthracene                | 17.317 | 178  | 2255     | 0.371 | ng    | 99       |
| 28) Fluoranthene              | 19.252 | 202  | 2255     | 0.347 | ng    | 99       |
| 30) Pyrene                    | 19.615 | 202  | 2260     | 0.398 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.376 | 228  | 1544     | 0.390 | ng    | 97       |
| 33) Chrysene                  | 21.420 | 228  | 1484     | 0.379 | ng    | 94       |
| 34) Bis(2-ethylhexyl)phtha... | 21.313 | 149  | 1700     | 0.344 | ng    | # 98     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.083 | 276  | 2368     | 0.402 | ng    | # 74     |
| 37) Benzo(b)fluoranthene      | 23.002 | 252  | 1793     | 0.386 | ng    | 89       |
| 38) Benzo(k)fluoranthene      | 23.052 | 252  | 1816m    | 0.399 | ng    |          |
| 39) Benzo(a)pyrene            | 23.607 | 252  | 1669     | 0.402 | ng    | 92       |
| 40) Dibenzo(a,h)anthracene    | 26.116 | 278  | 1865     | 0.412 | ng    | # 92     |
| 41) Benzo(g,h,i)perylene      | 26.814 | 276  | 2066     | 0.414 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

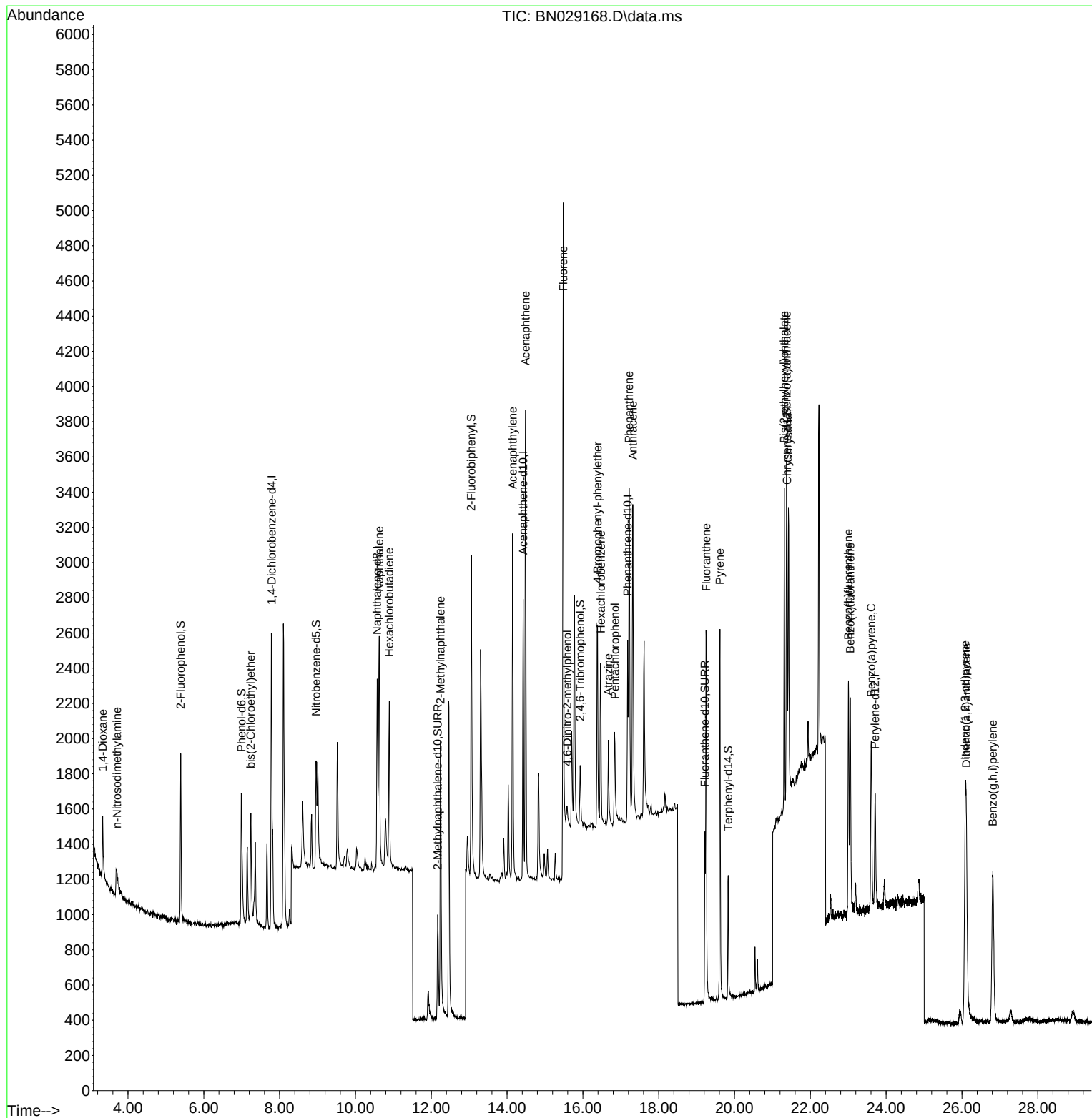
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122123\  
Data File : BN029168.D  
Acq On : 22 Dec 2023 02:18  
Operator : MA/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

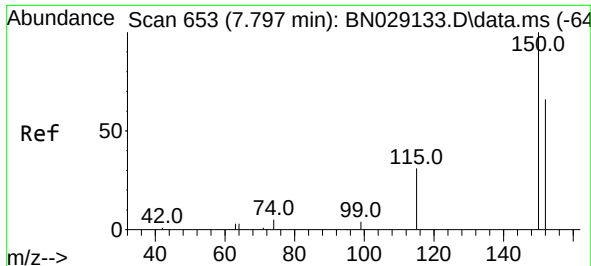
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Quant Time: Dec 22 04:02:46 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 20 18:03:30 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023





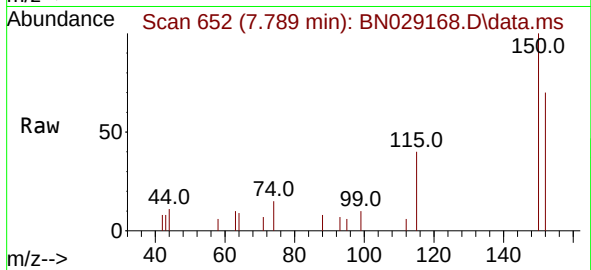
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 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.789 min Scan# 61  
 Delta R.T. -0.008 min  
 Lab File: BN029168.D  
 Acq: 22 Dec 2023 02:18

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

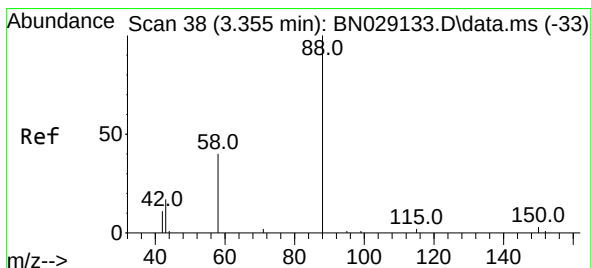
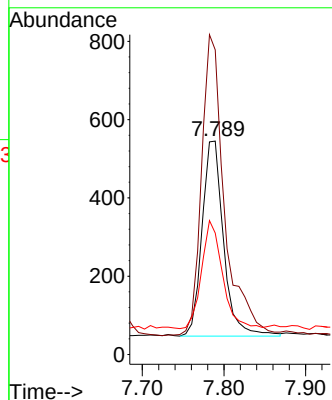
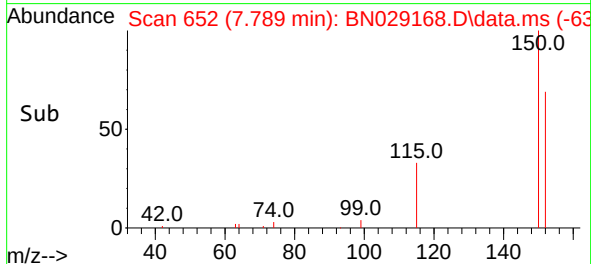


Tgt Ion: 152 Resp: 910  
 Ion Ratio Lower Upper  
 152 100  
 150 142.8 117.6 176.4  
 115 56.9 44.2 66.2

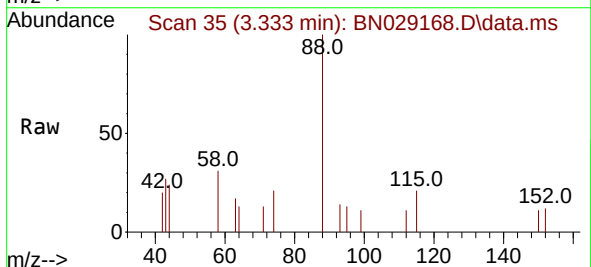
Manual Integrations

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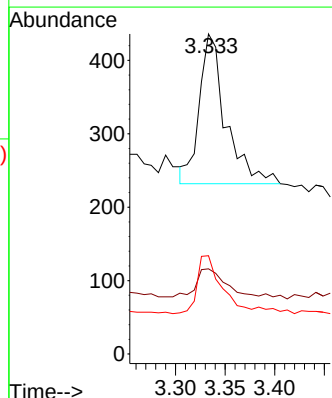
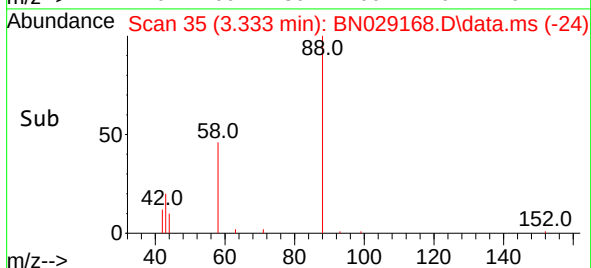
Reviewed By :Yogesh Patel 12/22/2023  
 Supervised By :mohammad ahmed 12/22/2023

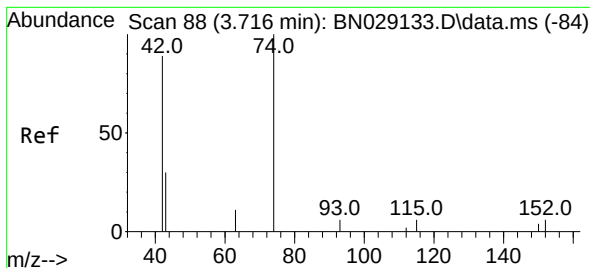


#2  
 1,4-Dioxane  
 Concen: 0.439 ng  
 RT: 3.333 min Scan# 35  
 Delta R.T. -0.022 min  
 Lab File: BN029168.D  
 Acq: 22 Dec 2023 02:18



Tgt Ion: 88 Resp: 379  
 Ion Ratio Lower Upper  
 88 100  
 43 19.8 20.1 30.1#  
 58 35.6 35.4 53.2





#3

n-Nitrosodimethylamine

Concen: 0.333 ng

RT: 3.709 min Scan# 81

Delta R.T. -0.007 min

Lab File: BN029168.D

Acq: 22 Dec 2023 02:18

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

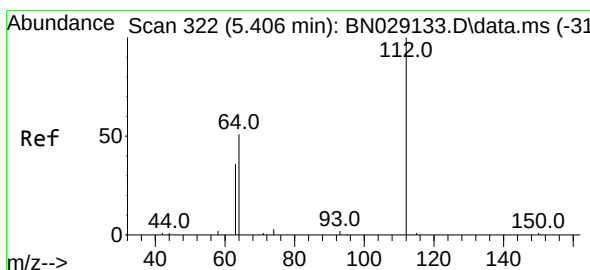
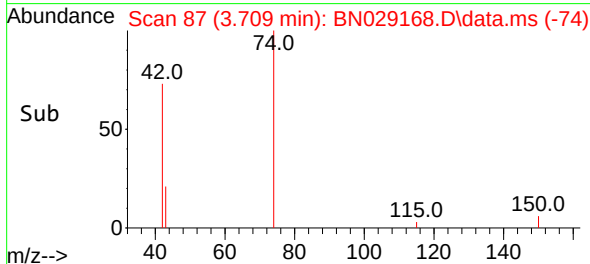
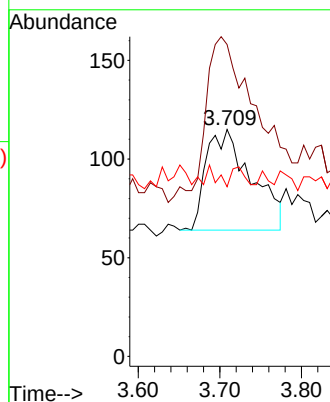
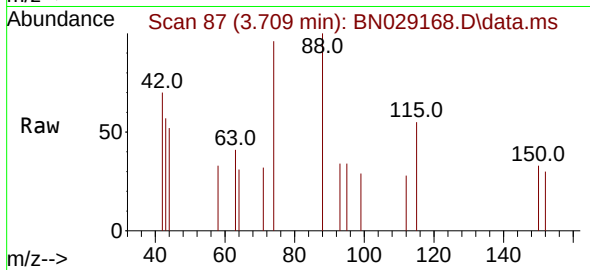
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 197   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 184.3 | 103.0 | 154.4 |
| 44       | 0.0   | 3.2   | 4.8   |

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#4

2-Fluorophenol

Concen: 0.365 ng

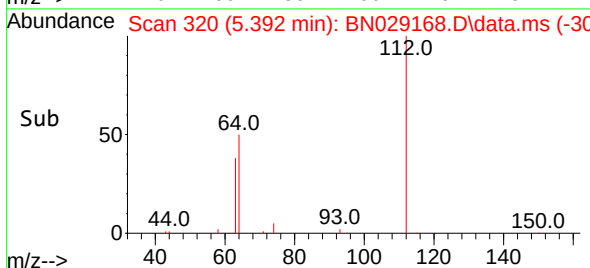
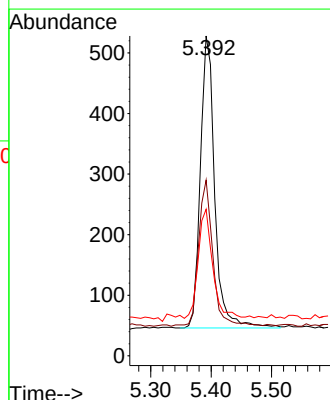
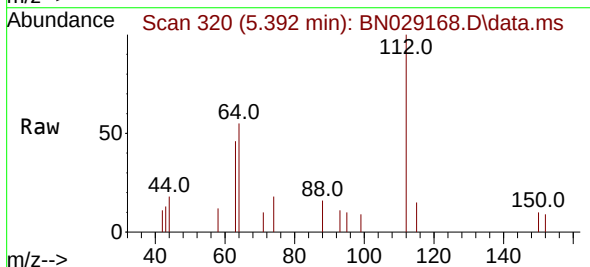
RT: 5.392 min Scan# 320

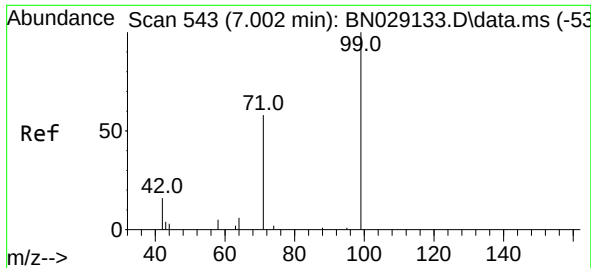
Delta R.T. -0.015 min

Lab File: BN029168.D

Acq: 22 Dec 2023 02:18

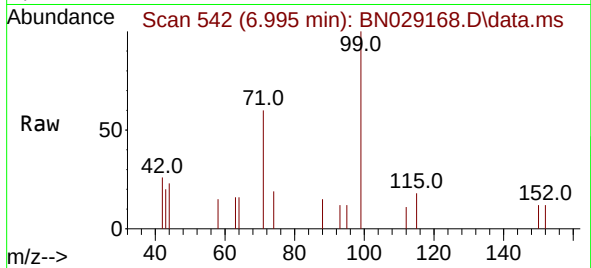
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 800   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 49.5  | 38.6  | 58.0  |
| 63       | 38.5  | 30.0  | 45.0  |





#5  
Phenol-d6  
Concen: 0.358 ng  
RT: 6.995 min Scan# 543  
Delta R.T. -0.007 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

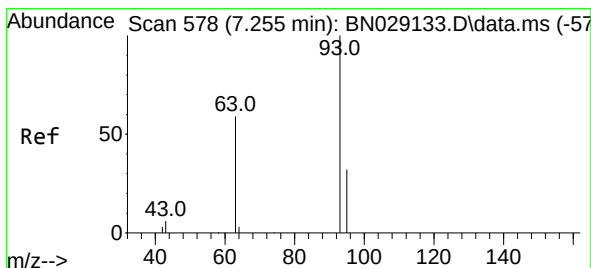
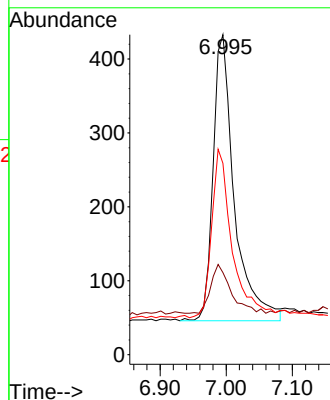
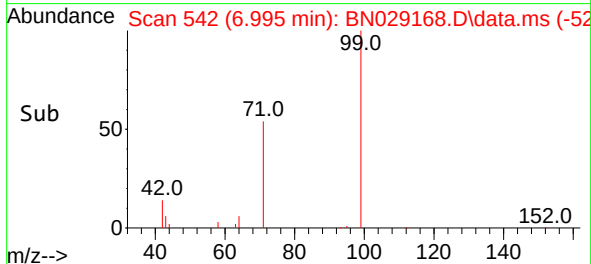
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion: 99 Resp: 862  
Ion Ratio Lower Upper  
99 100  
42 16.9 13.8 20.6  
71 58.8 45.4 68.2

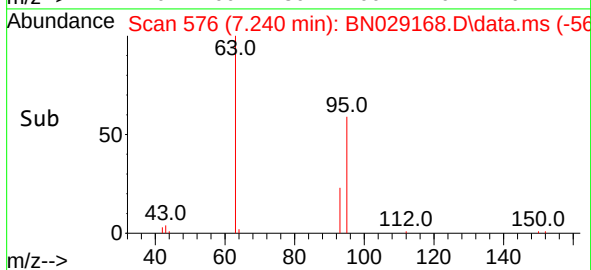
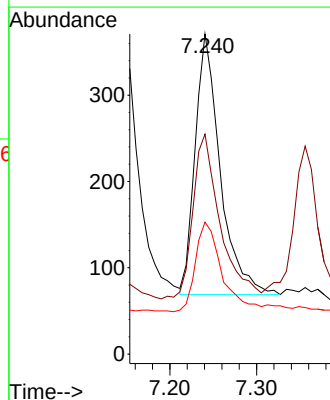
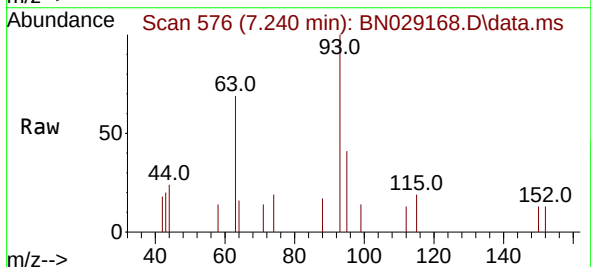
Manual Integrations  
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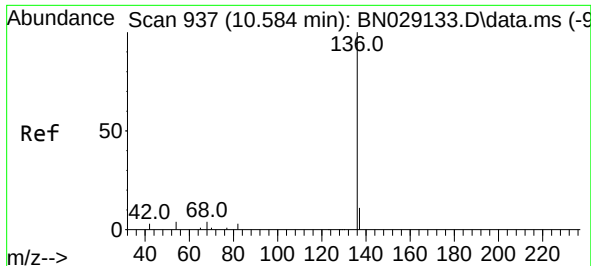
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023



#6  
bis(2-Chloroethyl)ether  
Concen: 0.325 ng  
RT: 7.240 min Scan# 576  
Delta R.T. -0.015 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

Tgt Ion: 93 Resp: 608  
Ion Ratio Lower Upper  
93 100  
63 68.6 57.0 85.6  
95 36.2 27.4 41.2





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.573 min Scan# 913  
Delta R.T. -0.011 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

Instrument :

BNA\_N

ClientSampleId :

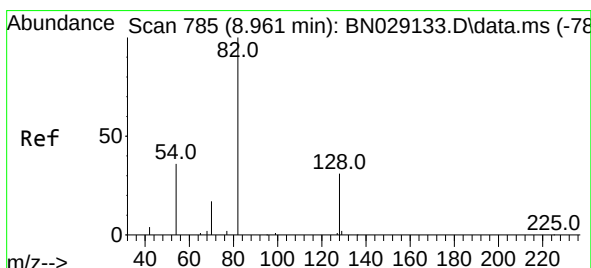
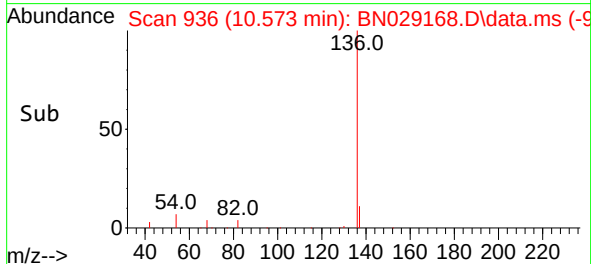
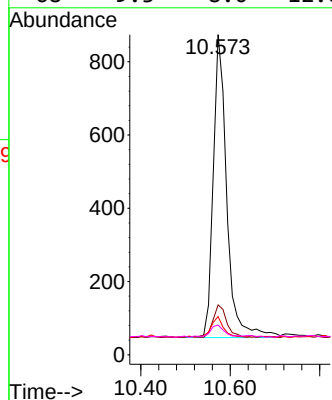
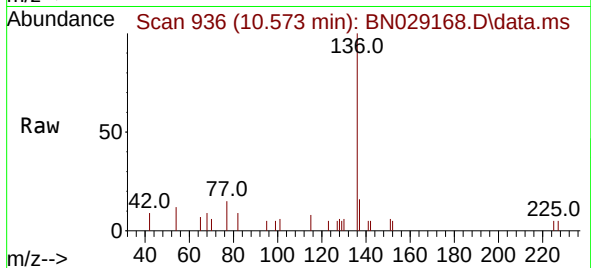
SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 173   |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 15.6  | 13.4  | 20.0  |
| 54       | 11.9  | 8.6   | 13.0  |
| 68       | 9.3   | 8.0   | 12.0  |

Manual Integrations

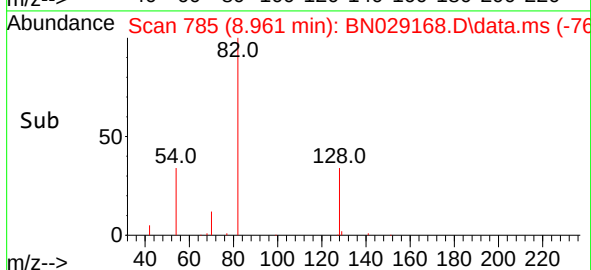
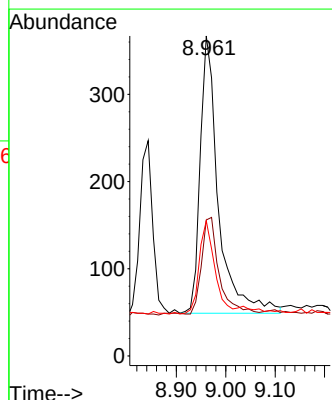
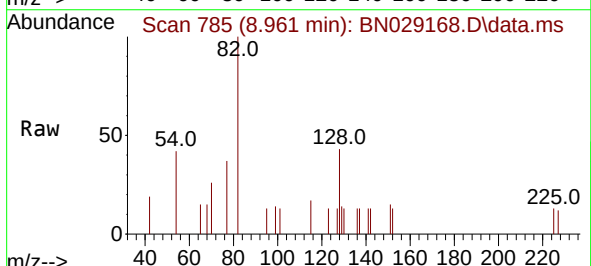
APPROVED

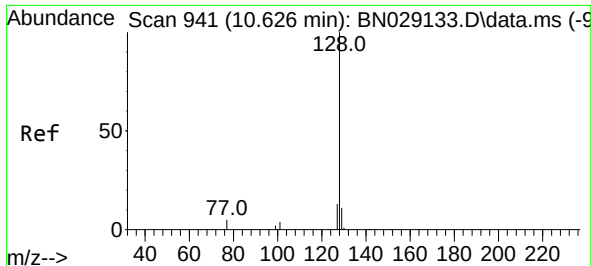
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023



#8  
Nitrobenzene-d5  
Concen: 0.360 ng  
RT: 8.961 min Scan# 785  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

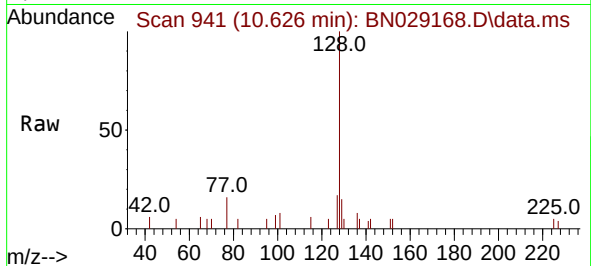
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 812   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.5  | 33.0  | 49.4  |
| 54       | 42.2  | 35.8  | 53.8  |





#9  
Naphthalene  
Concen: 0.351 ng  
RT: 10.626 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

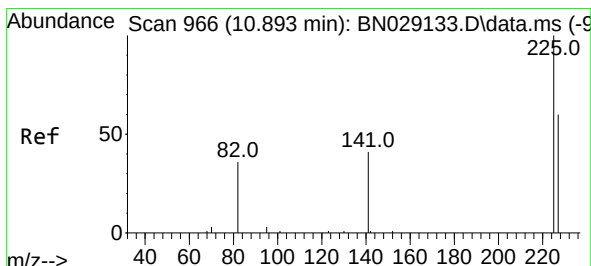
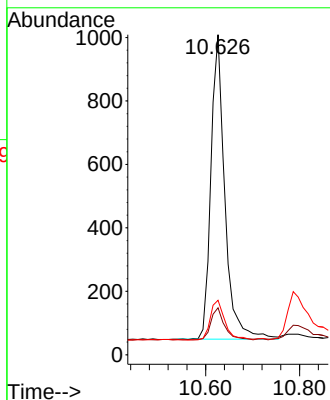
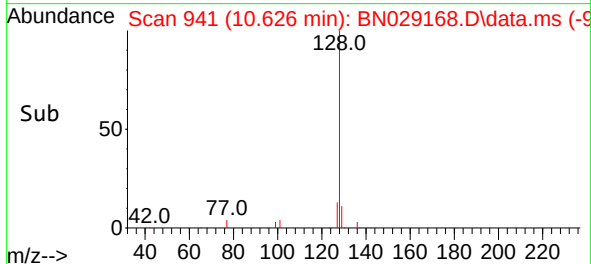
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:128 Resp: 198  
Ion Ratio Lower Upper  
128 100  
129 14.7 12.0 18.0  
127 17.0 14.1 21.1

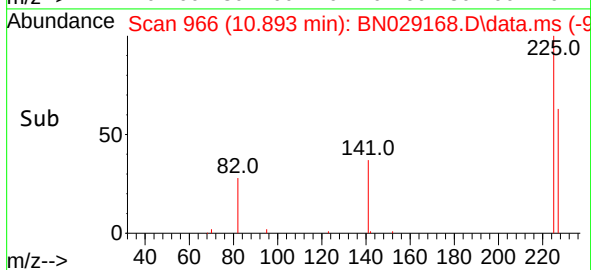
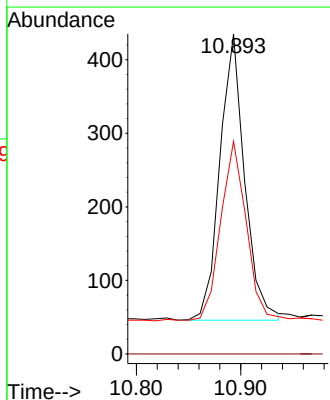
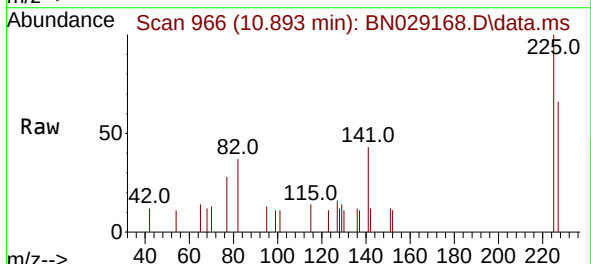
Manual Integrations  
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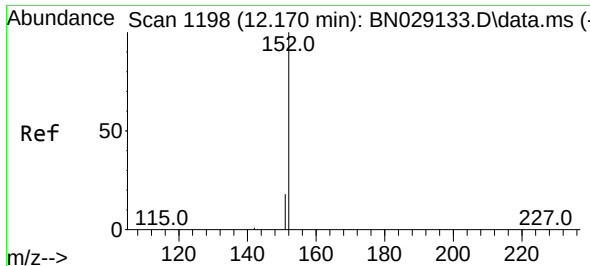
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023



#10  
Hexachlorobutadiene  
Concen: 0.345 ng  
RT: 10.893 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

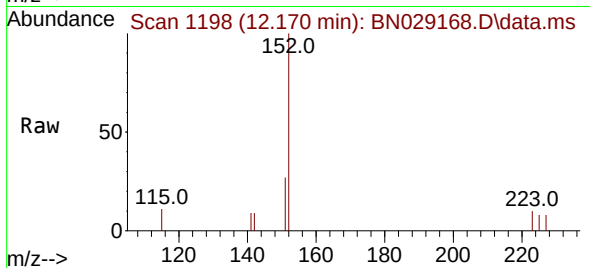
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 65.2 50.6 75.8





#11  
2-Methylnaphthalene-d10  
Concen: 0.407 ng  
RT: 12.170 min Scan# 1198  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

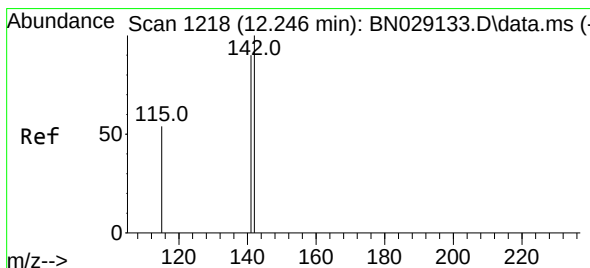
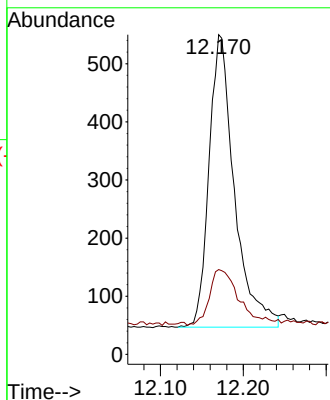
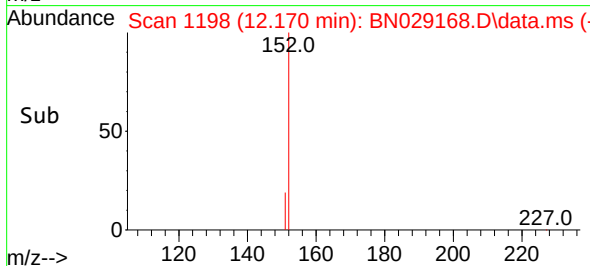
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



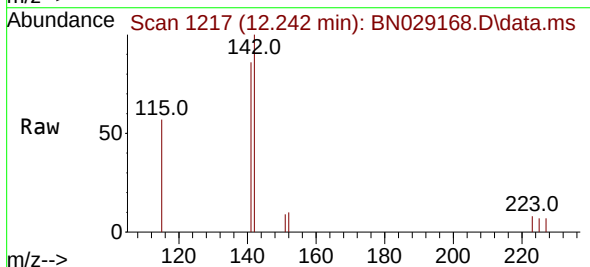
Tgt Ion:152 Resp: 1068  
Ion Ratio Lower Upper  
152 100  
151 22.7 17.4 26.2

Manual Integrations  
APPROVED

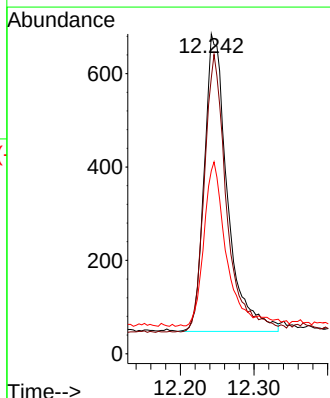
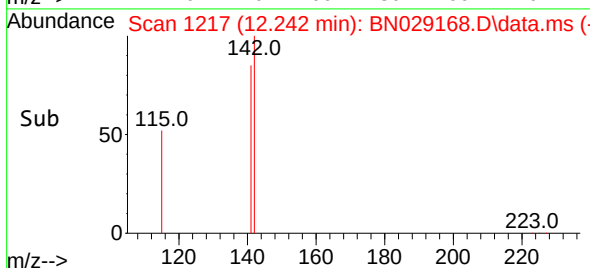
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023



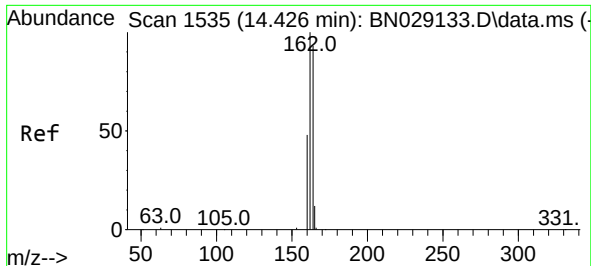
#12  
2-Methylnaphthalene  
Concen: 0.376 ng  
RT: 12.242 min Scan# 1217  
Delta R.T. -0.004 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18



Tgt Ion:142 Resp: 1389  
Ion Ratio Lower Upper  
142 100  
141 86.3 73.0 109.4  
115 57.2 46.8 70.2

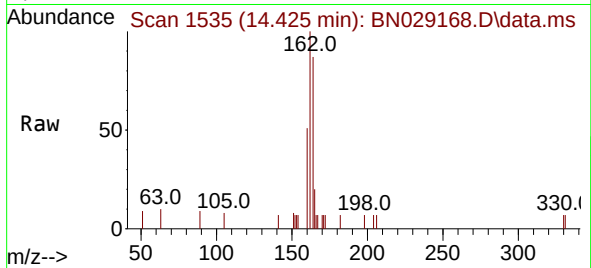






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.425 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

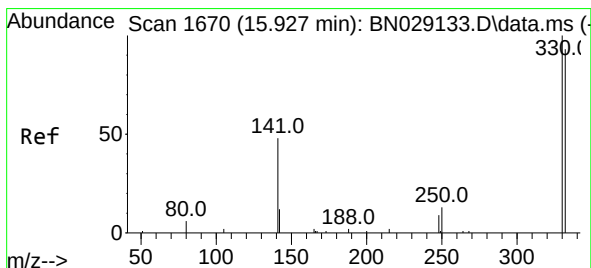
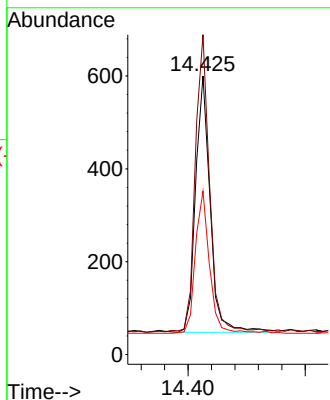
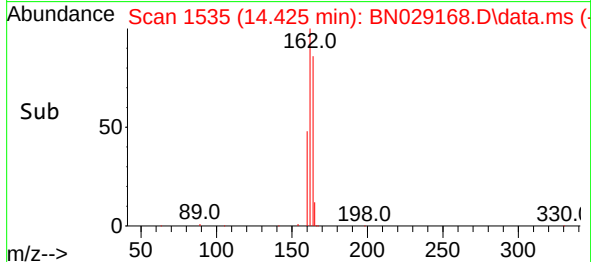
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



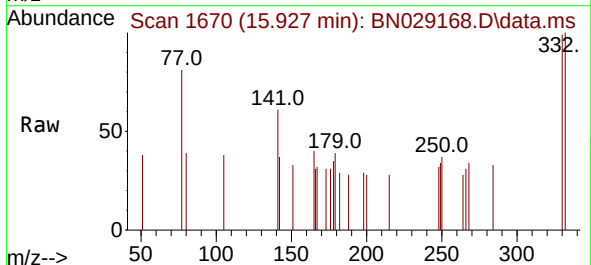
Tgt Ion:164 Resp: 958  
Ion Ratio Lower Upper  
164 100  
162 114.8 85.0 127.4  
160 58.7 45.8 68.8

Manual Integrations  
APPROVED

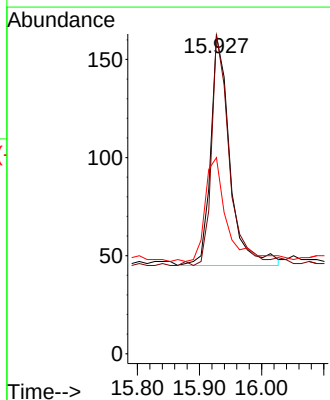
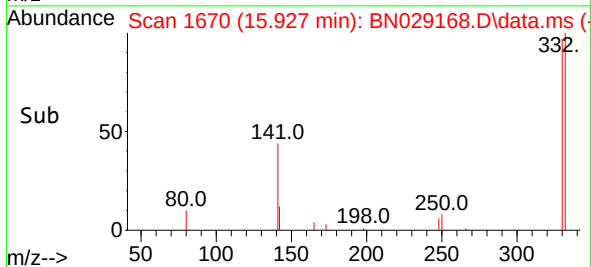
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023

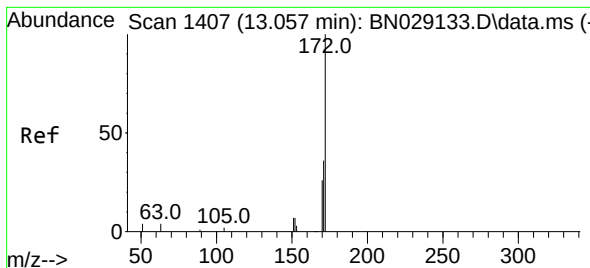


#14  
2,4,6-Tribromophenol  
Concen: 0.300 ng  
RT: 15.927 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18



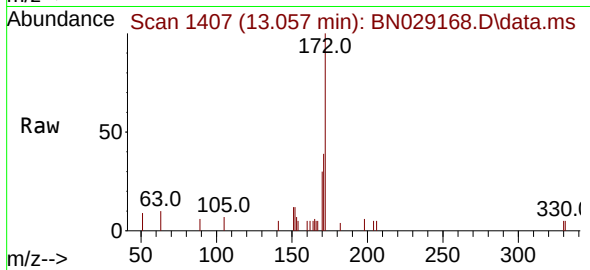
Tgt Ion:330 Resp: 251  
Ion Ratio Lower Upper  
330 100  
332 93.2 83.4 125.0  
141 50.6 43.8 65.8





#15  
2-Fluorobiphenyl  
Concen: 0.338 ng  
RT: 13.057 min Scan# 1407  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

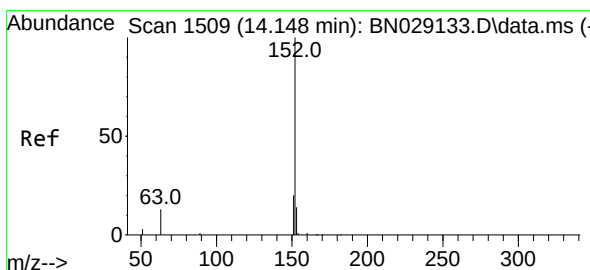
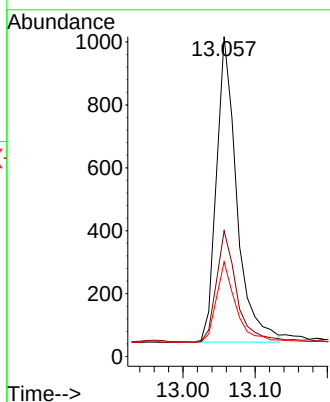
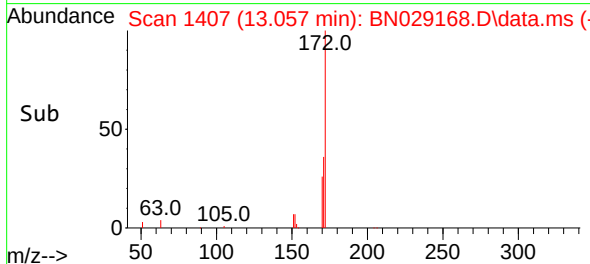
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



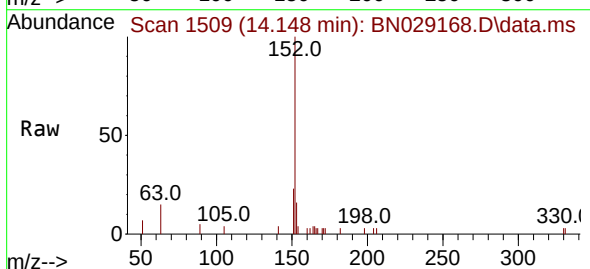
Tgt Ion:172 Resp: 189  
Ion Ratio Lower Upper  
172 100  
171 39.3 32.2 48.4  
170 29.6 25.0 37.4

Manual Integrations  
APPROVED

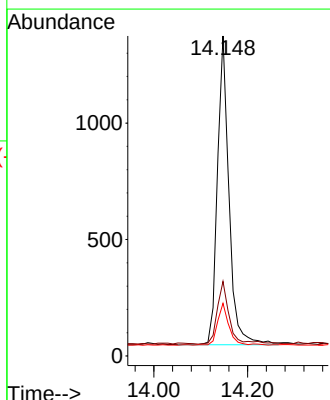
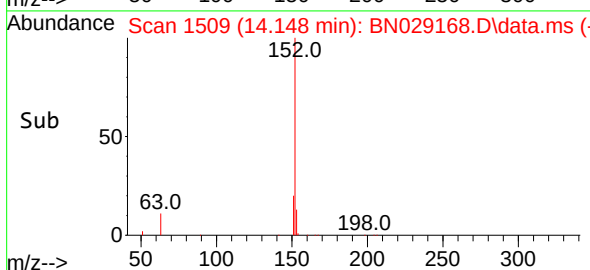
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023

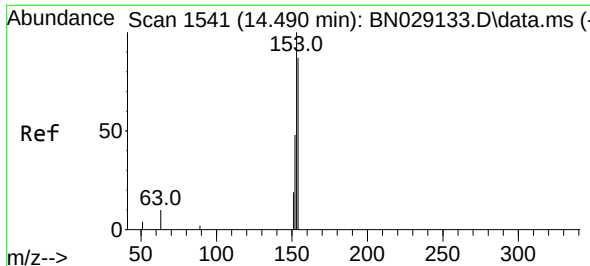


#16  
Acenaphthylene  
Concen: 0.338 ng  
RT: 14.148 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18



Tgt Ion:152 Resp: 2284  
Ion Ratio Lower Upper  
152 100  
151 21.4 16.3 24.5  
153 12.8 10.1 15.1





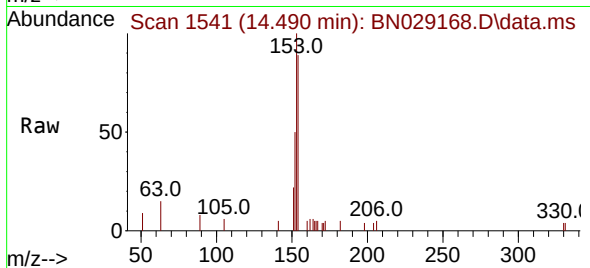
#17  
Acenaphthene  
Concen: 0.358 ng  
RT: 14.490 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

Instrument :

BN029168.D

ClientSampleId :

SSTDCCC0.4

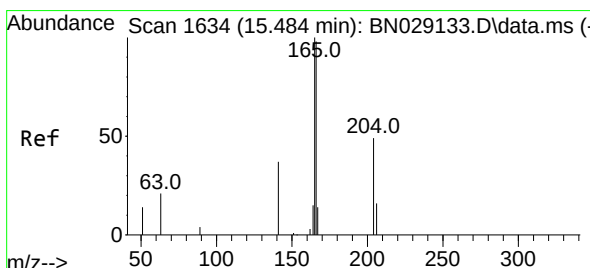
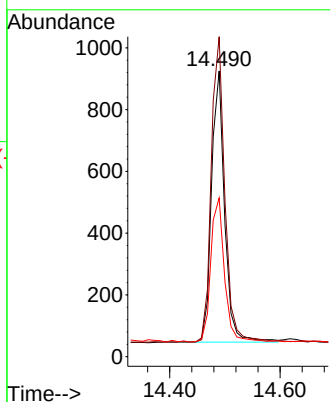
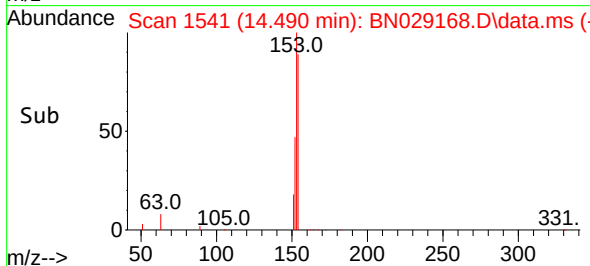


Tgt Ion:154 Resp: 1448  
Ion Ratio Lower Upper  
154 100  
153 117.3 99.9 149.9  
152 55.7 47.4 71.2

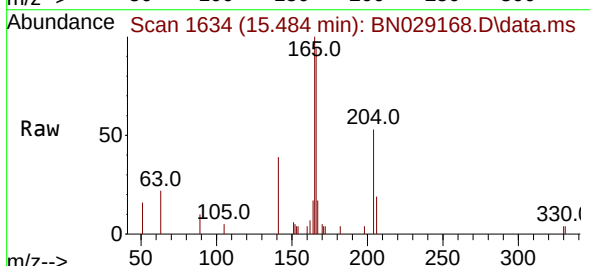
Manual Integrations

APPROVED

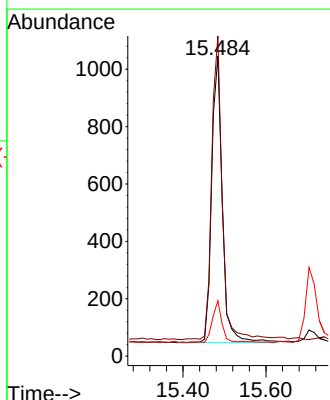
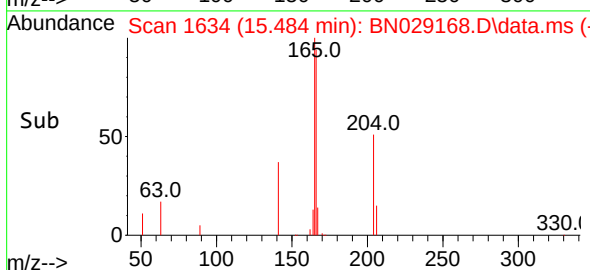
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023

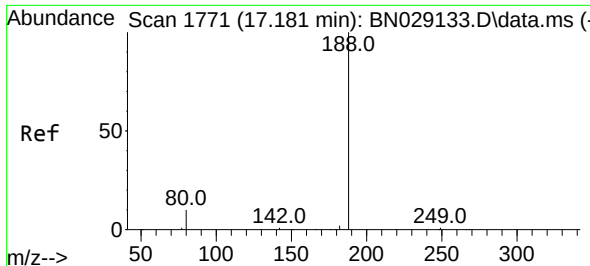


#18  
Fluorene  
Concen: 0.349 ng  
RT: 15.484 min Scan# 1634  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18



Tgt Ion:166 Resp: 1905  
Ion Ratio Lower Upper  
166 100  
165 102.7 83.4 125.0  
167 13.6 11.8 17.8





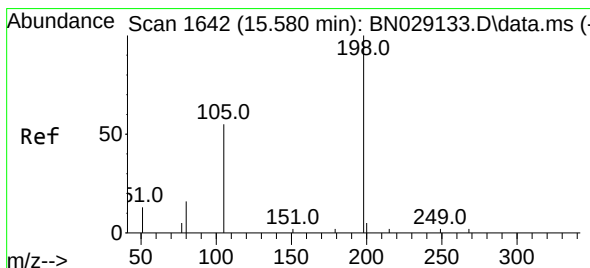
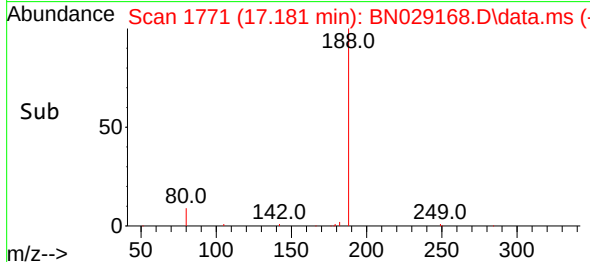
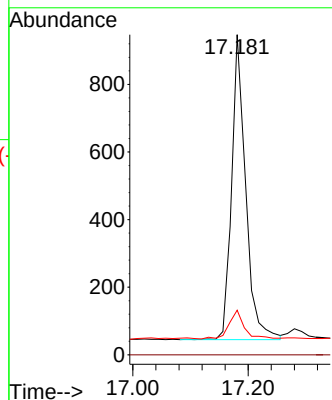
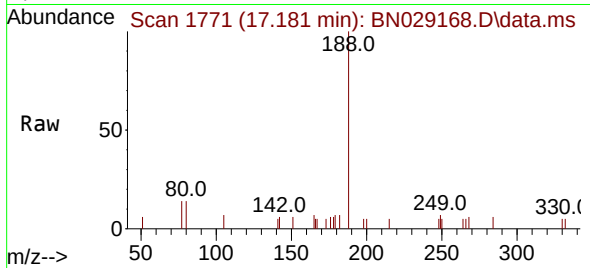
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.181 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:188 Resp: 1524  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.9 13.7 20.5

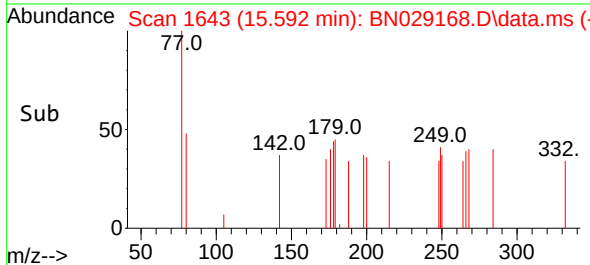
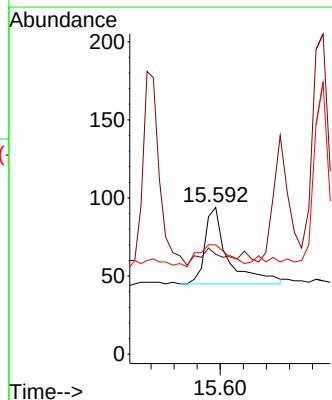
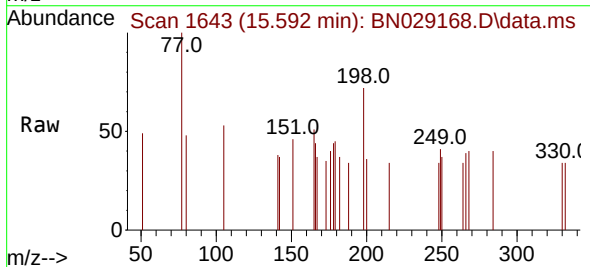
Manual Integrations  
APPROVED

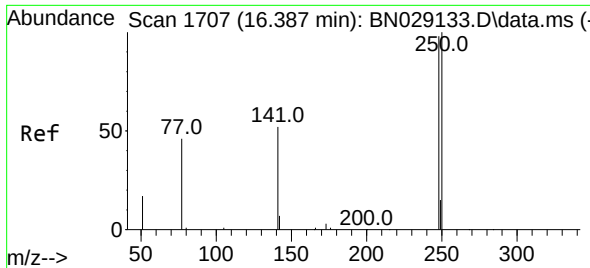
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.250 ng  
RT: 15.592 min Scan# 1643  
Delta R.T. 0.012 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

Tgt Ion:198 Resp: 136  
Ion Ratio Lower Upper  
198 100  
51 68.1 53.6 80.4  
105 74.5 65.6 98.4





#21  
4-Bromophenyl-phenylether  
Concen: 0.343 ng  
RT: 16.387 min Scan# 1707  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

Instrument :

BNA\_N

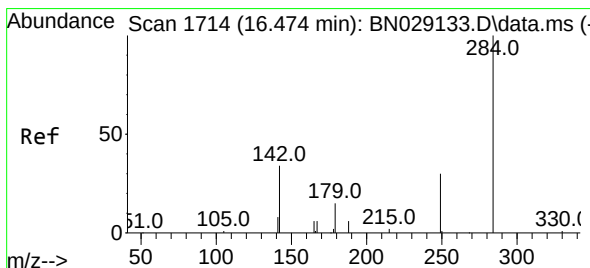
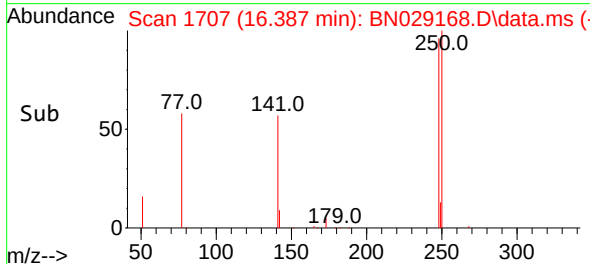
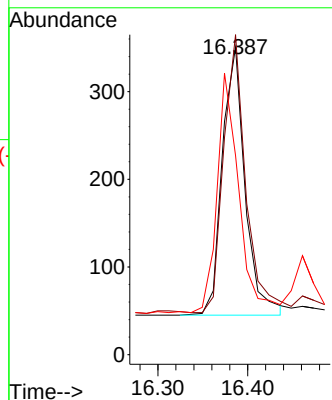
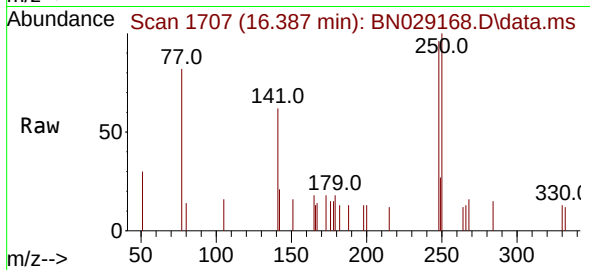
ClientSampleId :

SSTDCCC0.4

Tgt Ion:248 Resp: 54.1  
Ion Ratio Lower Upper  
248 100  
250 104.0 82.2 123.2  
141 64.7 49.7 74.5

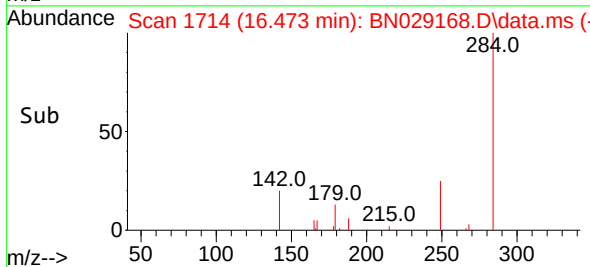
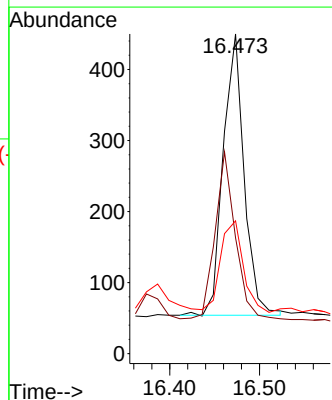
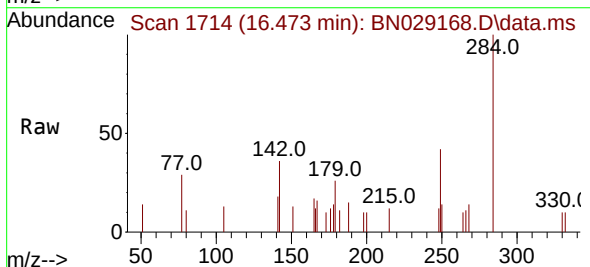
Manual Integrations  
APPROVED

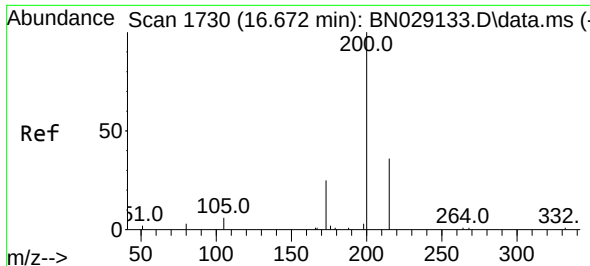
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023



#22  
Hexachlorobenzene  
Concen: 0.349 ng  
RT: 16.473 min Scan# 1714  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

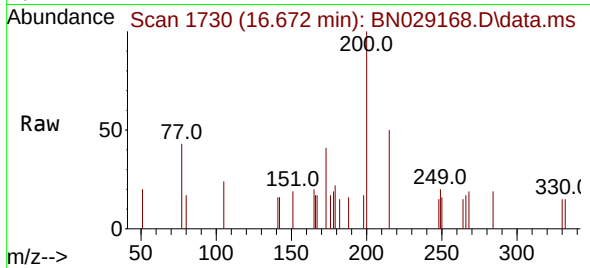
Tgt Ion:284 Resp: 640  
Ion Ratio Lower Upper  
284 100  
142 56.9 46.9 70.3  
249 35.3 28.6 43.0





#23  
Atrazine  
Concen: 0.363 ng  
RT: 16.672 min Scan# 1730  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

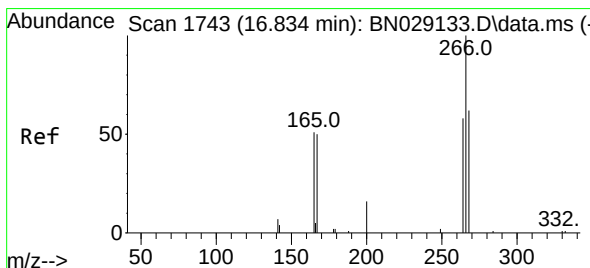
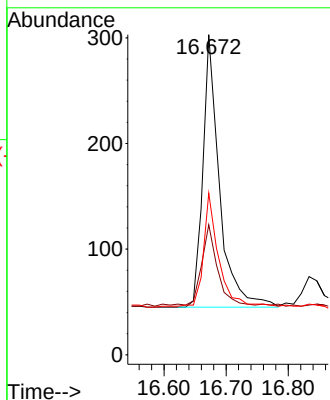
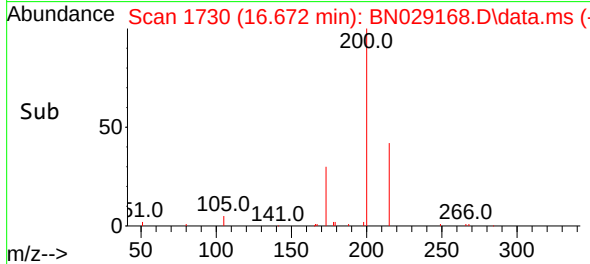
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:200 Resp: 480  
Ion Ratio Lower Upper  
200 100  
173 40.6 31.4 47.2  
215 50.5 38.5 57.7

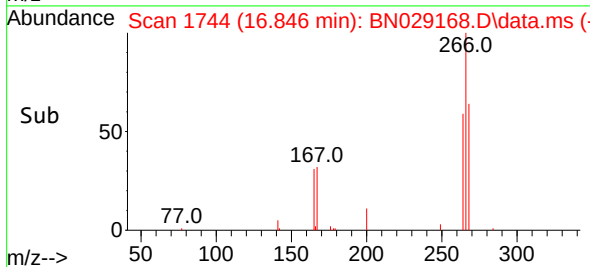
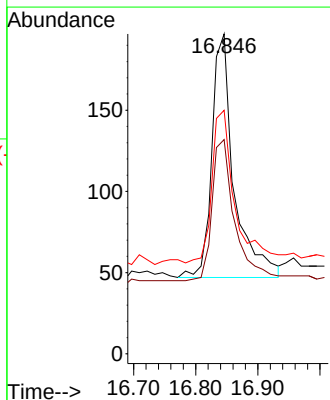
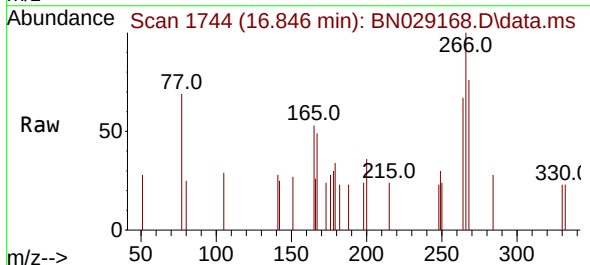
Manual Integrations  
APPROVED

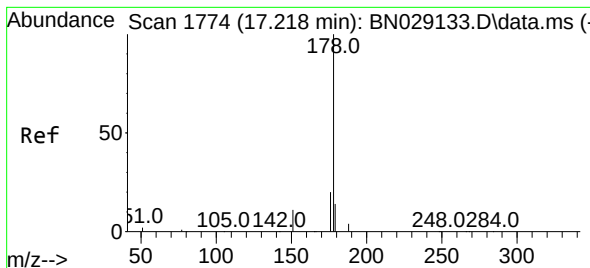
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023



#24  
Pentachlorophenol  
Concen: 0.342 ng  
RT: 16.846 min Scan# 1744  
Delta R.T. 0.012 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

Tgt Ion:266 Resp: 372  
Ion Ratio Lower Upper  
266 100  
264 59.9 45.0 67.6  
268 66.9 55.5 83.3





#25

Phenanthrene

Concen: 0.379 ng

RT: 17.218 min Scan# 1774

Delta R.T. -0.000 min

Lab File: BN029168.D

Acq: 22 Dec 2023 02:18

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

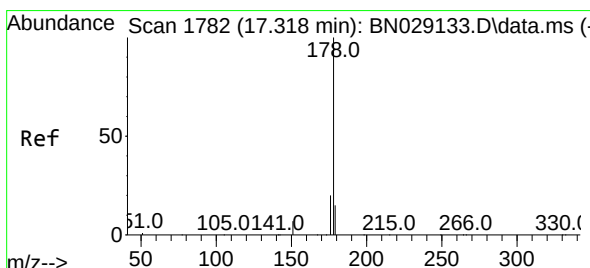
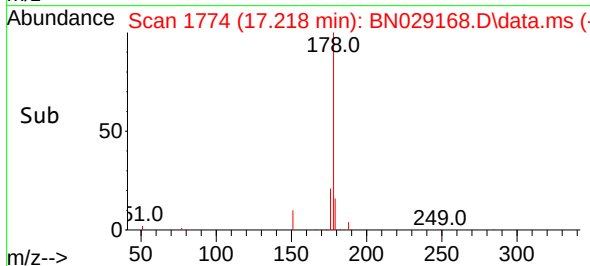
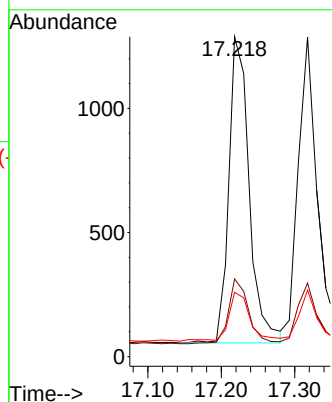
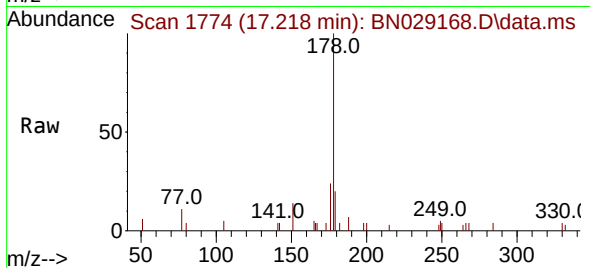
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 238  |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 20.7  | 17.4  | 26.0 |
| 179       | 17.0  | 13.7  | 20.5 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#26

Anthracene

Concen: 0.371 ng

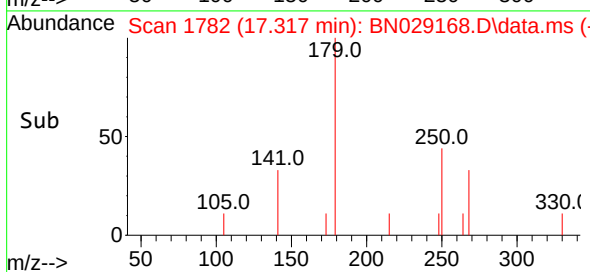
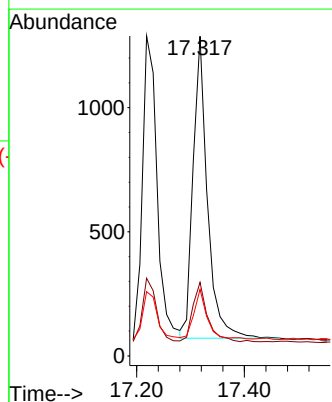
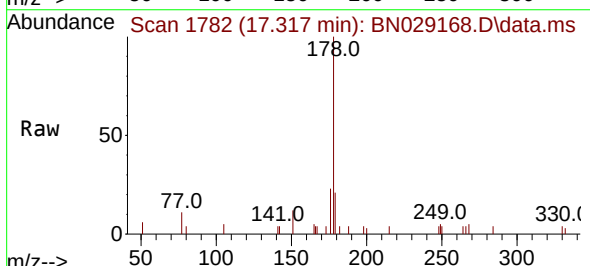
RT: 17.317 min Scan# 1782

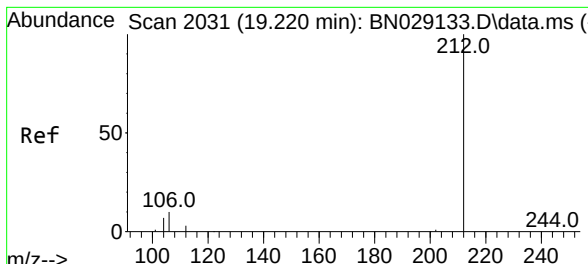
Delta R.T. -0.000 min

Lab File: BN029168.D

Acq: 22 Dec 2023 02:18

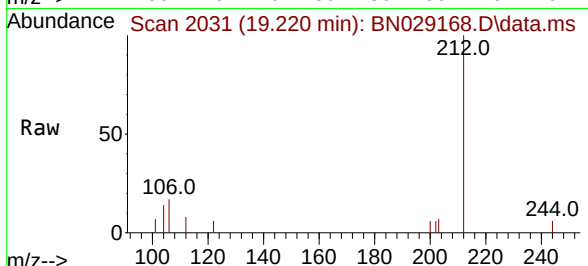
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 2255 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 20.2  | 15.8  | 23.8 |
| 179       | 14.9  | 11.4  | 17.0 |





#27  
Fluoranthene-d10  
Concen: 0.332 ng  
RT: 19.220 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

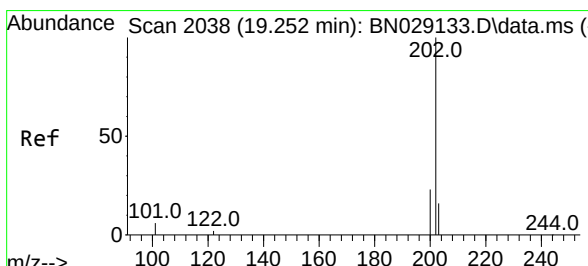
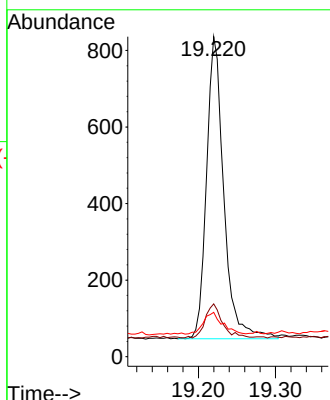
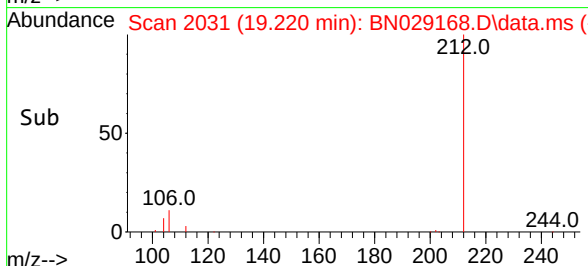
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



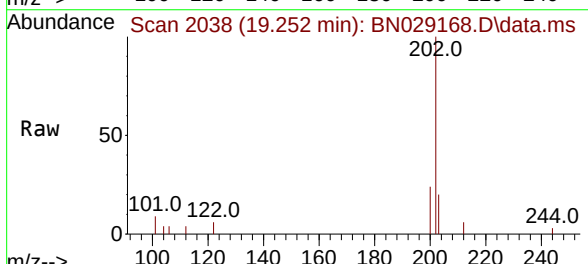
Tgt Ion:212 Resp: 1220  
Ion Ratio Lower Upper  
212 100  
106 11.3 9.6 14.4  
104 8.1 6.5 9.7

Manual Integrations  
APPROVED

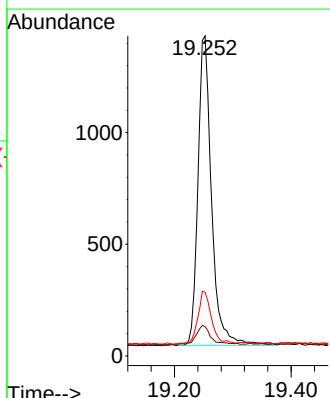
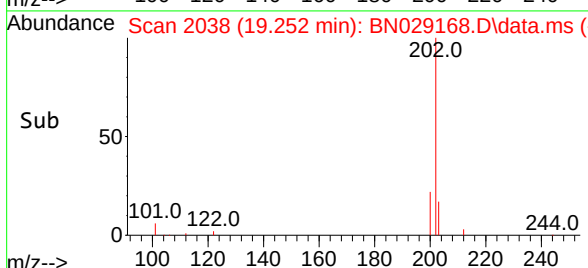
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023



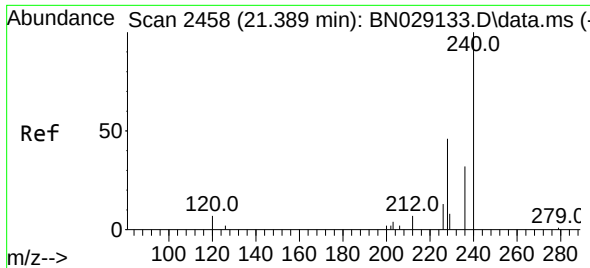
#28  
Fluoranthene  
Concen: 0.347 ng  
RT: 19.252 min Scan# 2038  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18



Tgt Ion:202 Resp: 2255  
Ion Ratio Lower Upper  
202 100  
101 6.6 5.3 7.9  
203 16.8 13.8 20.6







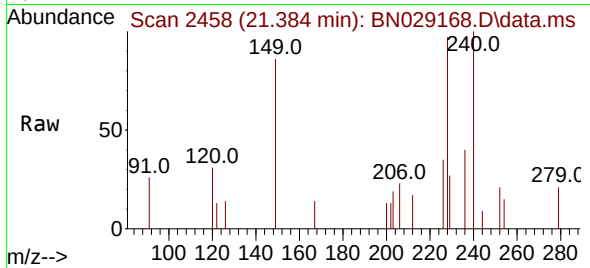
#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.384 min Scan# 2458  
Delta R.T. -0.004 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



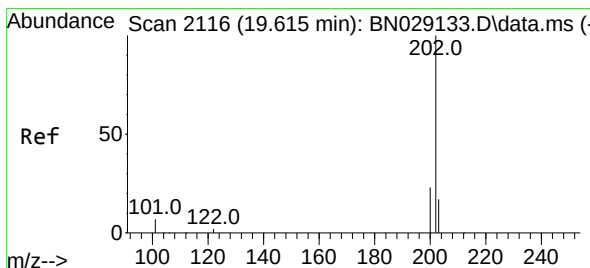
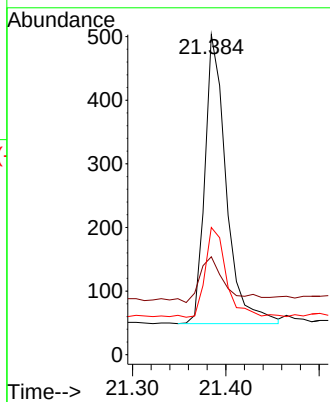
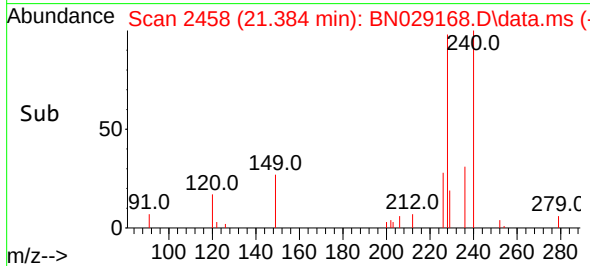
Tgt Ion:240 Resp: 720  
Ion Ratio Lower Upper  
240 100  
120 30.6 21.4 32.0  
236 39.8 33.5 50.3

Manual Integrations

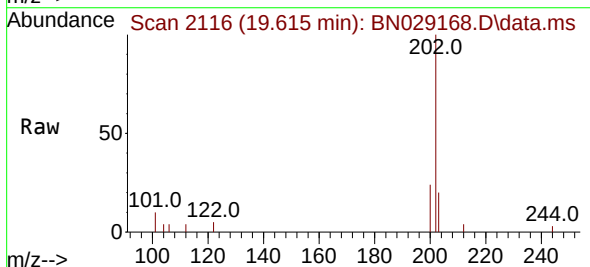
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Reviewed By :Yogesh Patel 12/22/2023

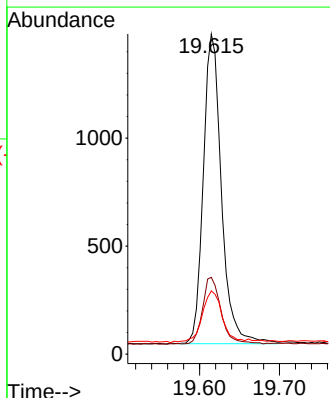
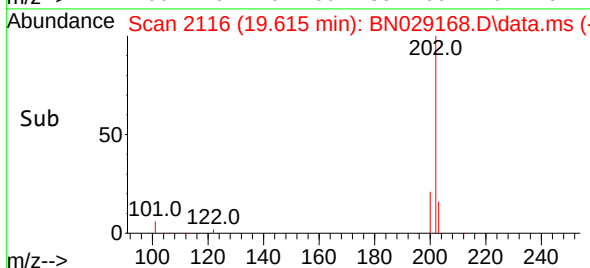
Supervised By :mohammad ahmed 12/22/2023

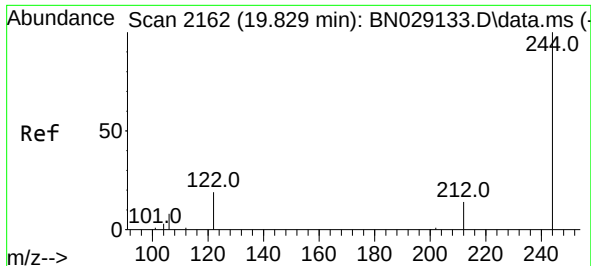


#30  
Pyrene  
Concen: 0.398 ng  
RT: 19.615 min Scan# 2116  
Delta R.T. -0.000 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18



Tgt Ion:202 Resp: 2260  
Ion Ratio Lower Upper  
202 100  
200 21.7 18.0 27.0  
203 18.4 15.1 22.7





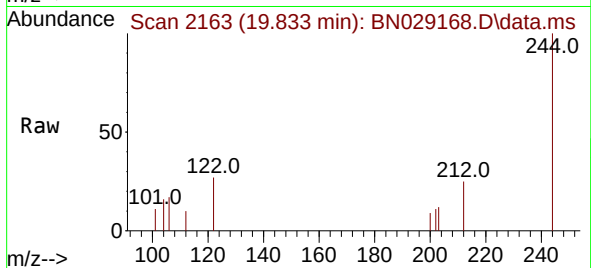
#31  
 Terphenyl-d14  
 Concen: 0.356 ng  
 RT: 19.833 min Scan# 2163  
 Delta R.T. 0.004 min  
 Lab File: BN029168.D  
 Acq: 22 Dec 2023 02:18

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

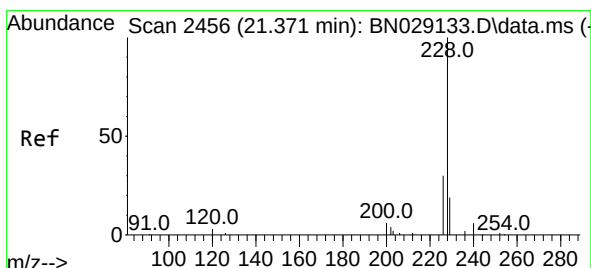
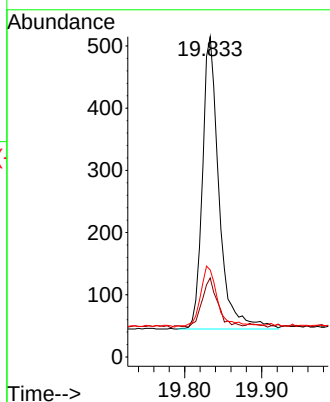
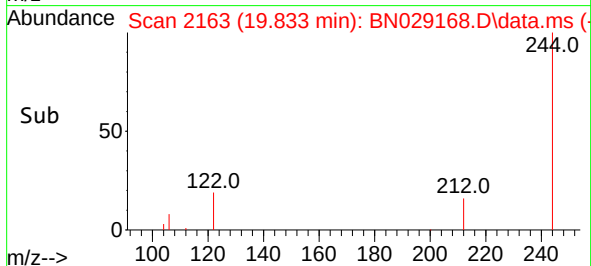


Tgt Ion:244 Resp: 709  
 Ion Ratio Lower Upper  
 244 100  
 212 24.7 19.0 28.6  
 122 27.2 22.5 33.7

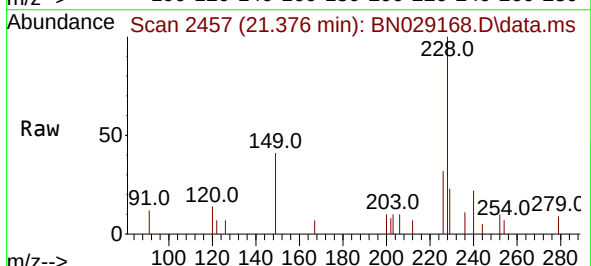
Manual Integrations

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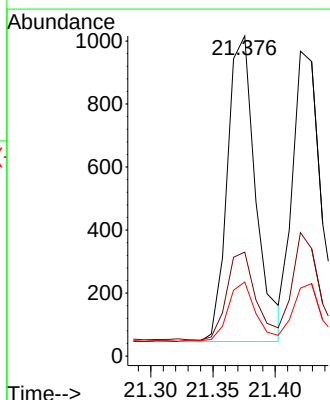
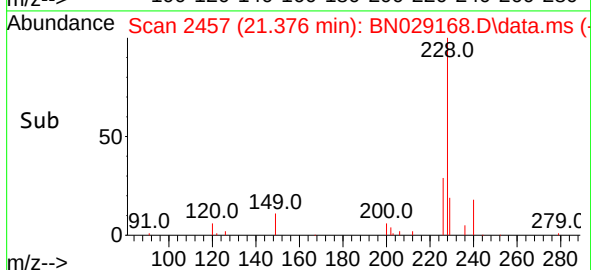
Reviewed By :Yogesh Patel 12/22/2023  
 Supervised By :mohammad ahmed 12/22/2023

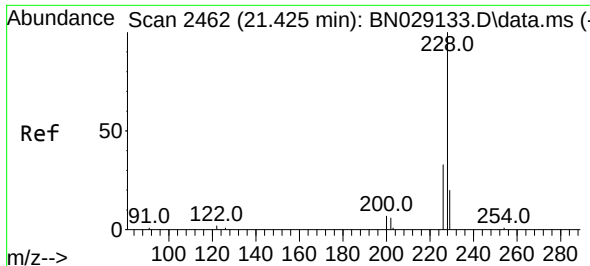


#32  
 Benzo(a)anthracene  
 Concen: 0.390 ng  
 RT: 21.376 min Scan# 2457  
 Delta R.T. 0.004 min  
 Lab File: BN029168.D  
 Acq: 22 Dec 2023 02:18



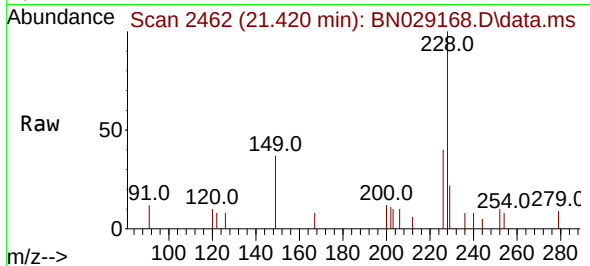
Tgt Ion:228 Resp: 1544  
 Ion Ratio Lower Upper  
 228 100  
 226 32.5 27.6 41.4  
 229 23.1 19.4 29.0





#33  
Chrysene  
Concen: 0.379 ng  
RT: 21.420 min Scan# 2462  
Delta R.T. -0.004 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

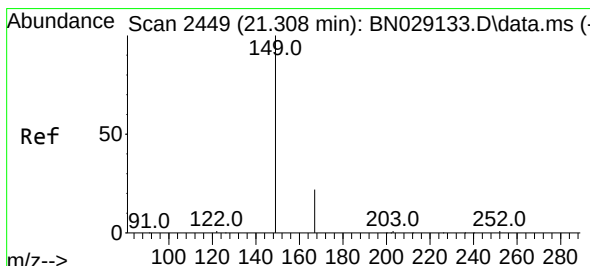
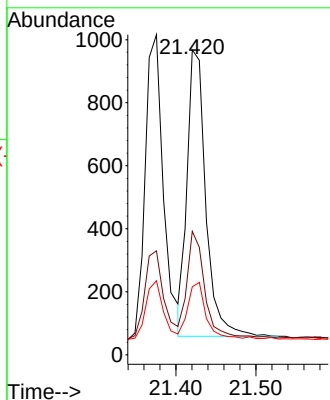
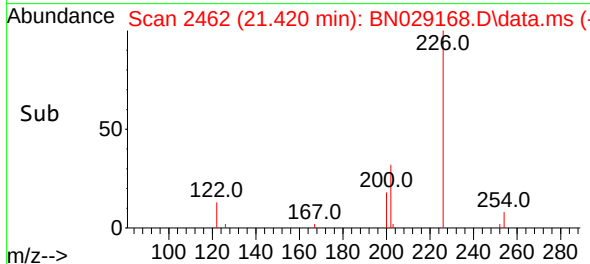
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



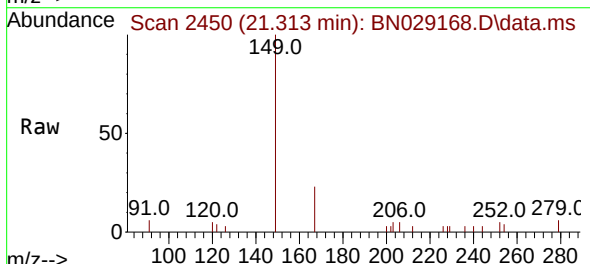
Tgt Ion:228 Resp: 1484  
Ion Ratio Lower Upper  
228 100  
226 40.5 29.2 43.8  
229 22.3 19.3 28.9

Manual Integrations  
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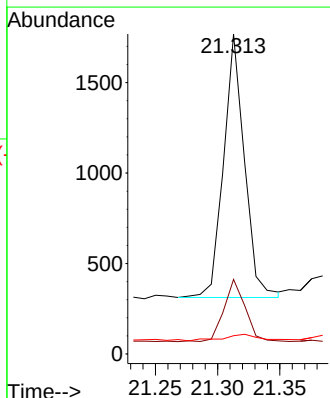
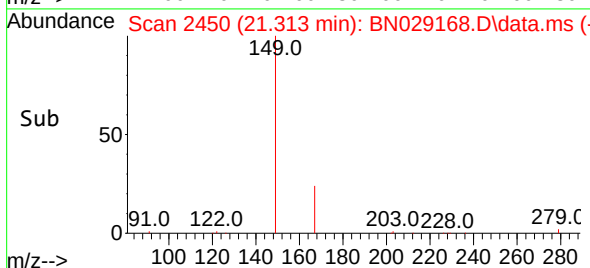
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023

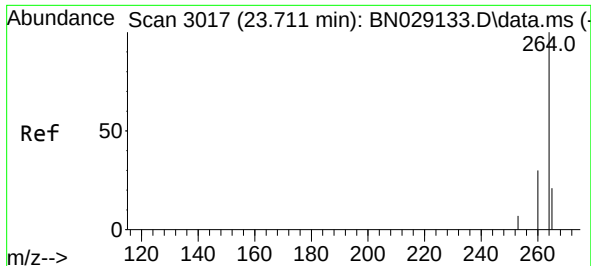


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.344 ng  
RT: 21.313 min Scan# 2450  
Delta R.T. 0.004 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18



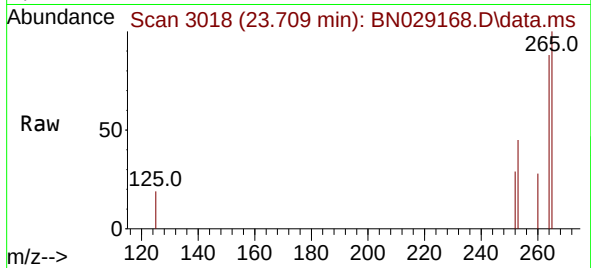
Tgt Ion:149 Resp: 1700  
Ion Ratio Lower Upper  
149 100  
167 24.2 20.2 30.2  
279 4.2 2.5 3.7#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.709 min Scan# 3017  
Delta R.T. -0.002 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

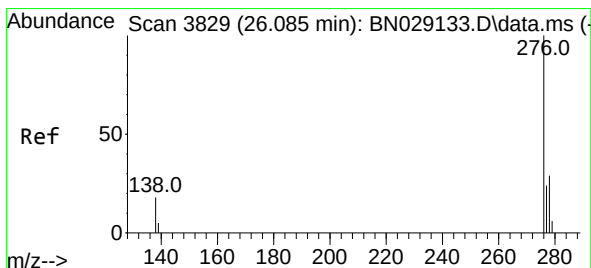
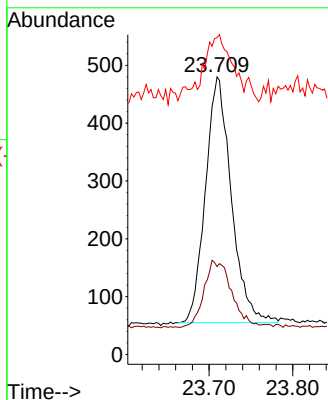
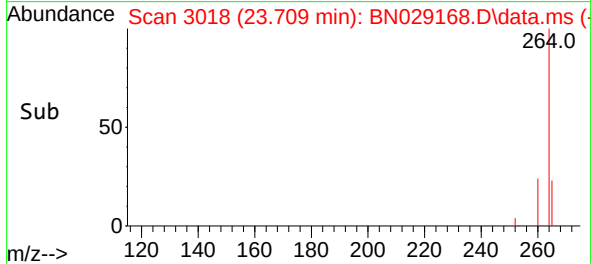
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:264 Resp: 914  
Ion Ratio Lower Upper  
264 100  
260 31.7 31.0 46.6  
265 114.2 105.3 157.9

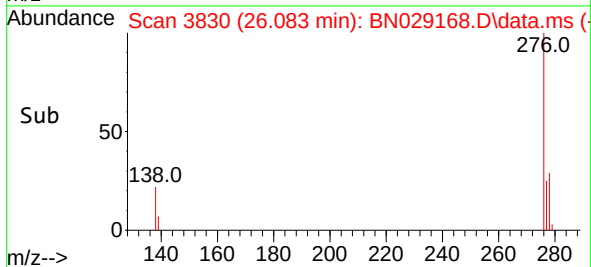
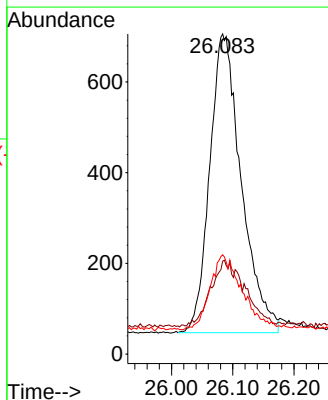
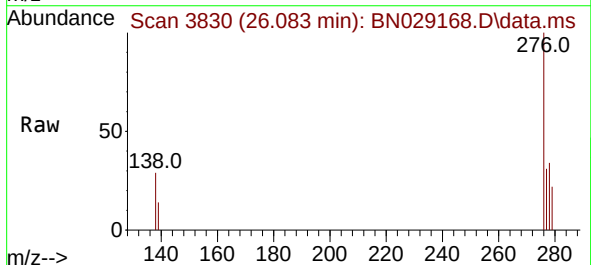
Manual Integrations  
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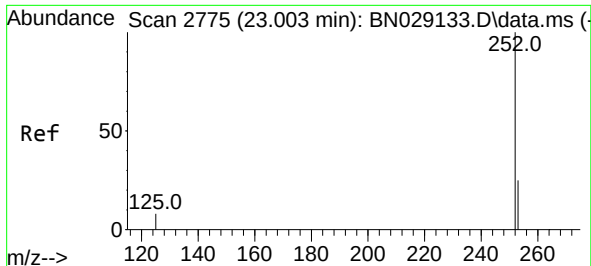
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.402 ng  
RT: 26.083 min Scan# 3830  
Delta R.T. -0.002 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

Tgt Ion:276 Resp: 2368  
Ion Ratio Lower Upper  
276 100  
138 15.0 7.8 11.6#  
277 25.4 9.2 13.8#





#37  
Benzo(b)fluoranthene  
Concen: 0.386 ng  
RT: 23.002 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

Instrument :

BNA\_N

ClientSampleId :

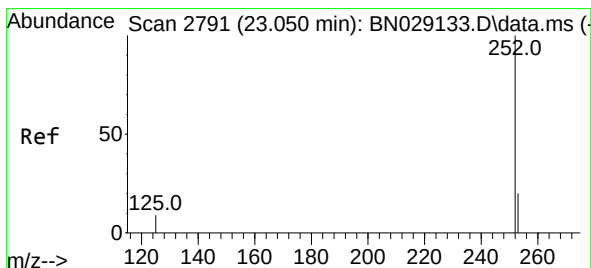
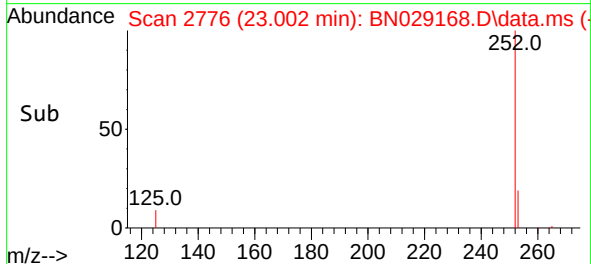
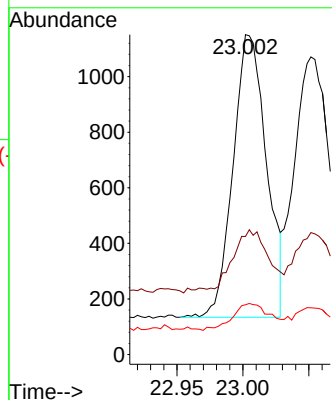
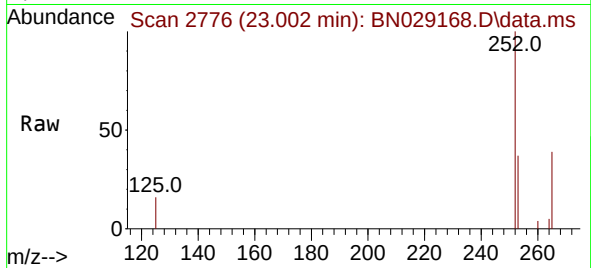
SSTDCCC0.4

Tgt Ion:252 Resp: 179  
Ion Ratio Lower Upper  
252 100  
253 36.9 36.0 54.0  
125 15.6 14.6 21.8

Manual Integrations

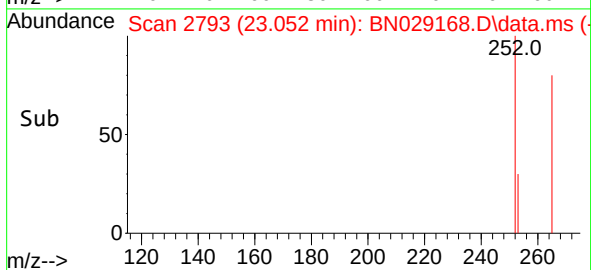
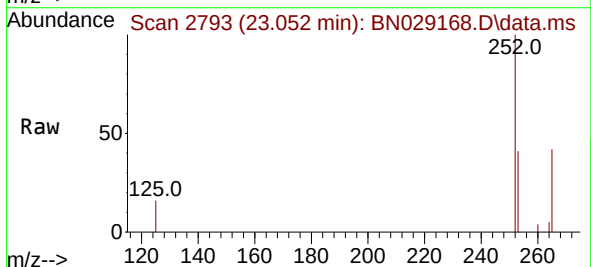
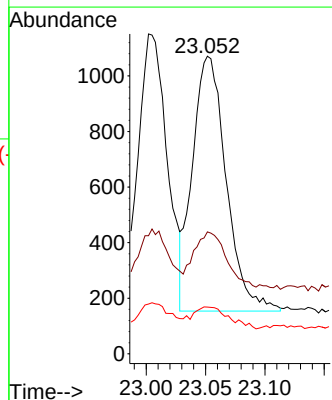
APPROVED

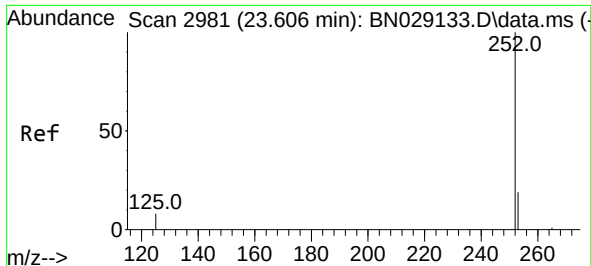
Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023



#38  
Benzo(k)fluoranthene  
Concen: 0.399 ng m  
RT: 23.052 min Scan# 2793  
Delta R.T. 0.001 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

Tgt Ion:252 Resp: 1816  
Ion Ratio Lower Upper  
252 100  
253 41.0 35.0 52.6  
125 15.7 14.6 21.8





#39

Benzo(a)pyrene

Concen: 0.402 ng

RT: 23.607 min Scan# 2981

Delta R.T. 0.001 min

Lab File: BN029168.D

Acq: 22 Dec 2023 02:18

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

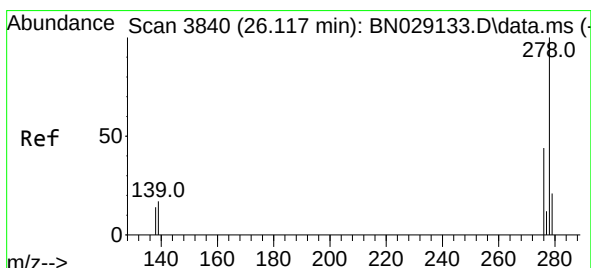
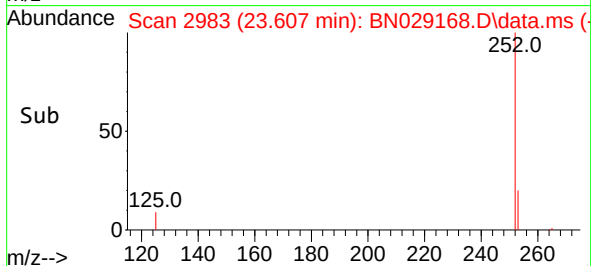
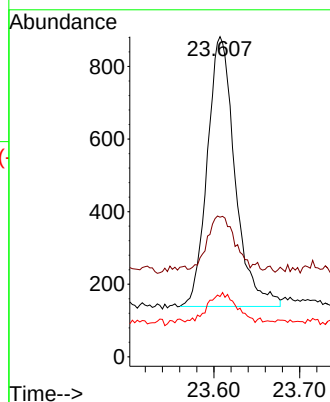
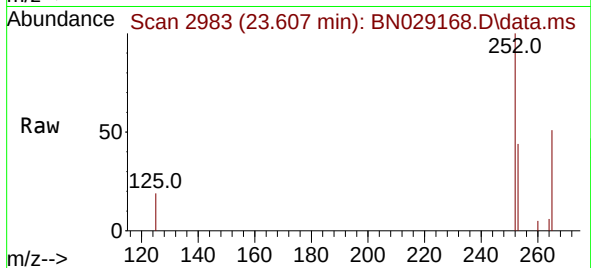
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 1669 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 43.7  | 40.3  | 60.5 |
| 125       | 18.8  | 16.7  | 25.1 |

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.412 ng

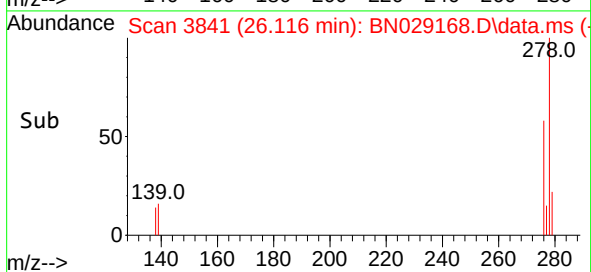
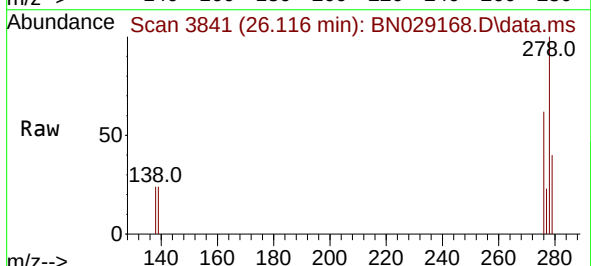
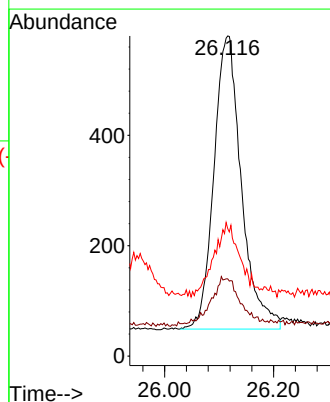
RT: 26.116 min Scan# 3841

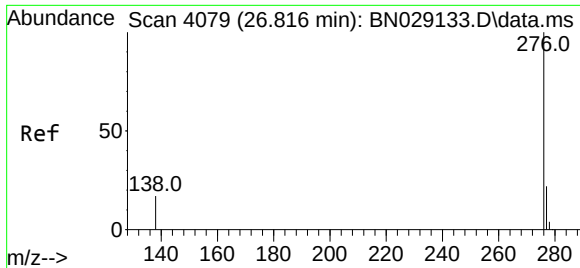
Delta R.T. -0.002 min

Lab File: BN029168.D

Acq: 22 Dec 2023 02:18

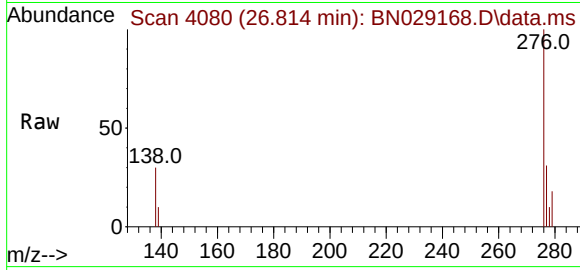
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 1865  |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 24.1  | 24.2  | 36.2# |
| 279       | 39.8  | 34.9  | 52.3  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.414 ng  
RT: 26.814 min Scan# 4079  
Delta R.T. -0.002 min  
Lab File: BN029168.D  
Acq: 22 Dec 2023 02:18

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion: 276 Resp: 2060  
Ion Ratio Lower Upper  
276 100  
277 31.2 25.5 38.3  
138 29.6 22.9 34.3

Manual Integrations  
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Reviewed By :Yogesh Patel 12/22/2023  
Supervised By :mohammad ahmed 12/22/2023

