

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122223\  
 Data File : BN029186.D  
 Acq On : 22 Dec 2023 20:29  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023  
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 23 04:16:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 23 03:51:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 969      | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.573 | 136  | 1952     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.415 | 164  | 1114     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.181 | 188  | 1831     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.394 | 240  | 631      | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.712 | 264  | 750      | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.384  | 112  | 726      | 0.328 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.988  | 99   | 781      | 0.315 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.961  | 82   | 727      | 0.299 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.170 | 152  | 1073     | 0.335 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.927 | 330  | 272      | 0.333 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.057 | 172  | 1972     | 0.313 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.220 | 212  | 1170     | 0.306 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.833 | 244  | 665      | 0.362 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.326  | 88   | 289      | 0.338 | ng    | 95       |
| 3) n-Nitrosodimethylamine     | 3.687  | 42   | 162      | 0.252 | ng    | # 57     |
| 6) bis(2-Chloroethyl)ether    | 7.241  | 93   | 514      | 0.295 | ng    | 97       |
| 9) Naphthalene                | 10.616 | 128  | 1972     | 0.327 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.883 | 225  | 608      | 0.328 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.238 | 142  | 1426     | 0.334 | ng    | 99       |
| 16) Acenaphthylene            | 14.137 | 152  | 2402     | 0.326 | ng    | 100      |
| 17) Acenaphthene              | 14.479 | 154  | 1493     | 0.331 | ng    | 96       |
| 18) Fluorene                  | 15.473 | 166  | 2141     | 0.337 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.580 | 198  | 159      | 0.372 | ng    | 95       |
| 21) 4-Bromophenyl-phenylether | 16.374 | 248  | 546      | 0.317 | ng    | 93       |
| 22) Hexachlorobenzene         | 16.461 | 284  | 706      | 0.347 | ng    | 93       |
| 23) Atrazine                  | 16.672 | 200  | 515      | 0.329 | ng    | 99       |
| 24) Pentachlorophenol         | 16.833 | 266  | 343      | 0.291 | ng    | 98       |
| 25) Phenanthrene              | 17.218 | 178  | 2698     | 0.336 | ng    | 100      |
| 26) Anthracene                | 17.318 | 178  | 2538     | 0.329 | ng    | 96       |
| 28) Fluoranthene              | 19.252 | 202  | 2281     | 0.318 | ng    | # 98     |
| 30) Pyrene                    | 19.615 | 202  | 2265     | 0.381 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.376 | 228  | 1203     | 0.336 | ng    | 97       |
| 33) Chrysene                  | 21.429 | 228  | 1233     | 0.353 | ng    | 95       |
| 34) Bis(2-ethylhexyl)phtha... | 21.313 | 149  | 1801     | 0.395 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.095 | 276  | 1714     | 0.339 | ng    | # 85     |
| 37) Benzo(b)fluoranthene      | 23.005 | 252  | 1309     | 0.332 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 23.055 | 252  | 1280     | 0.314 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.613 | 252  | 1224     | 0.340 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 26.116 | 278  | 1335m    | 0.348 | ng    |          |
| 41) Benzo(g,h,i)perylene      | 26.814 | 276  | 1488m    | 0.346 | ng    |          |
| -----                         |        |      |          |       |       |          |

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

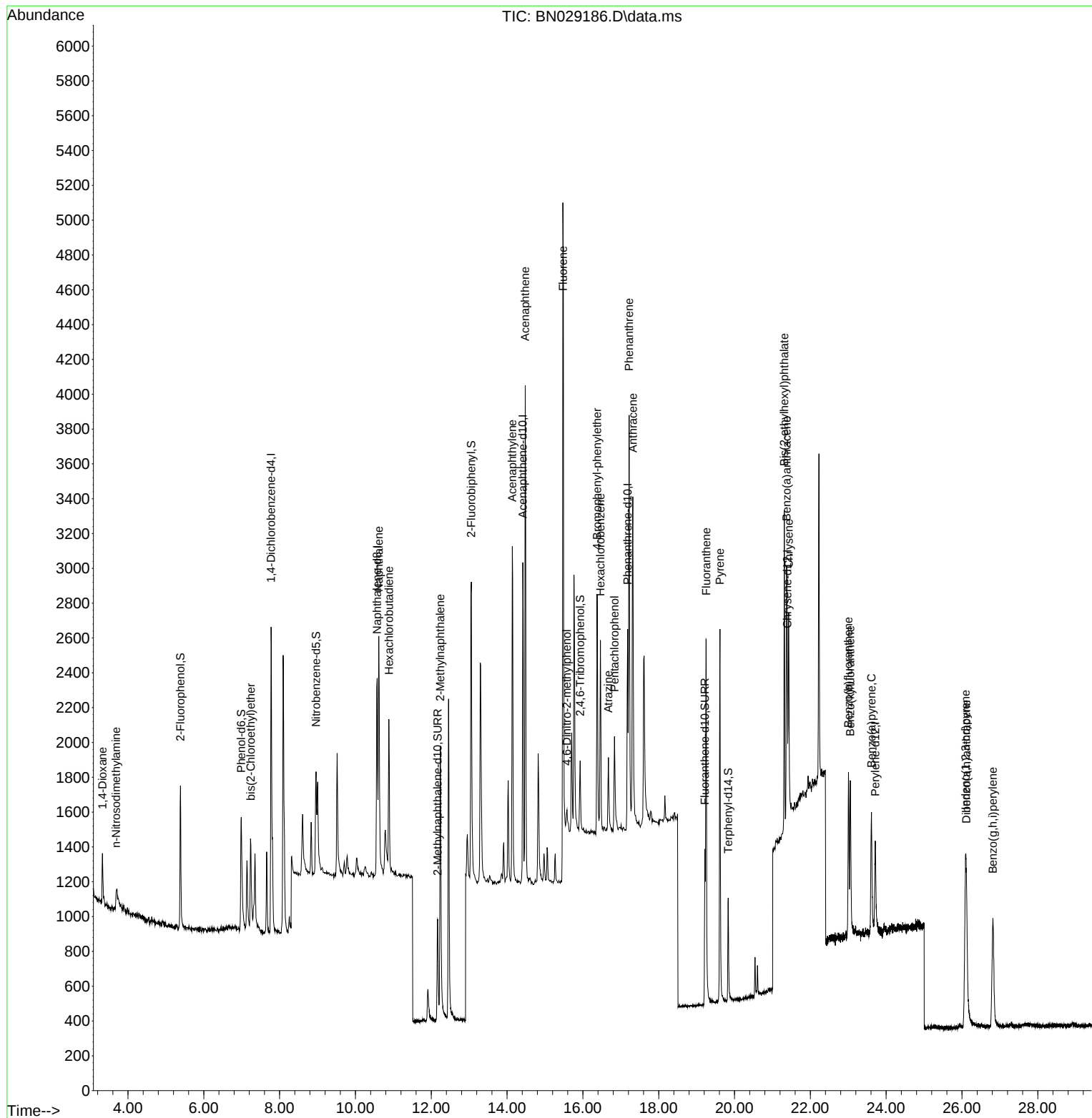
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122223\  
Data File : BN029186.D  
Acq On : 22 Dec 2023 20:29  
Operator : MA/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

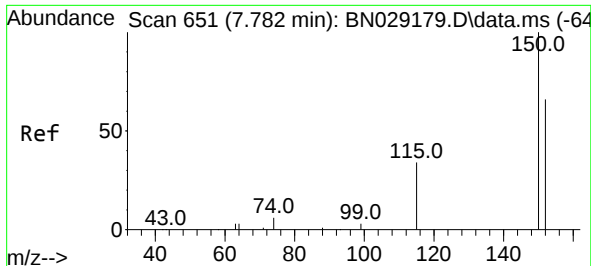
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Quant Time: Dec 23 04:16:43 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 23 03:51:02 2023  
Response via : Initial Calibration

Manual Integrations  
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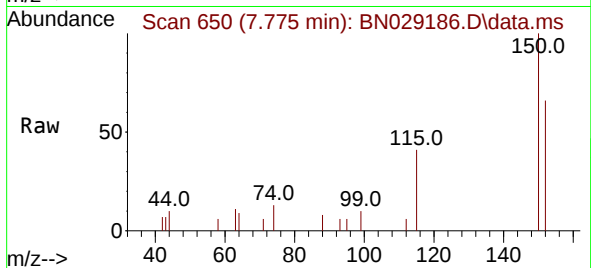
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.775 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN029186.D  
 Acq: 22 Dec 2023 20:29

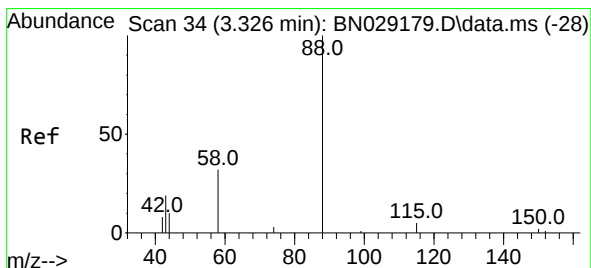
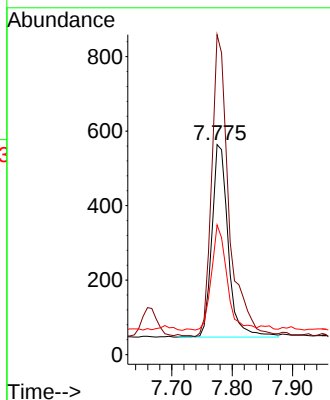
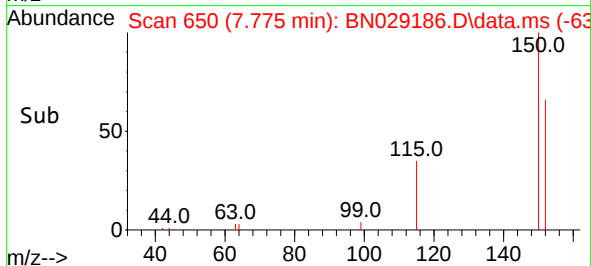
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



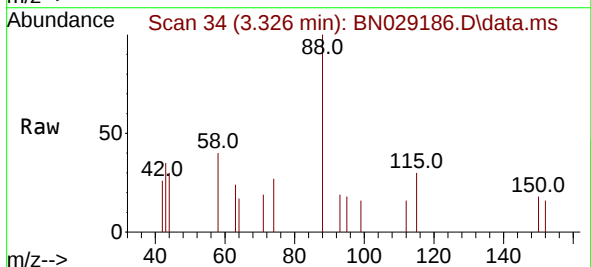
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 Ion Ratio Lower Upper  
 152 100  
 150 152.3 117.5 176.3  
 115 61.7 46.3 69.5

Manual Integrations  
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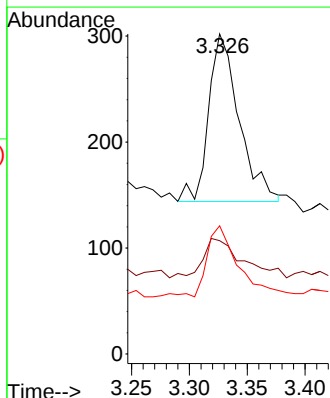
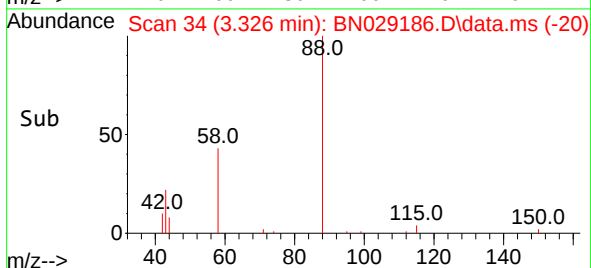
Reviewed By :Yogesh Patel 12/25/2023  
 Supervised By :mohammad ahmed 12/25/2023

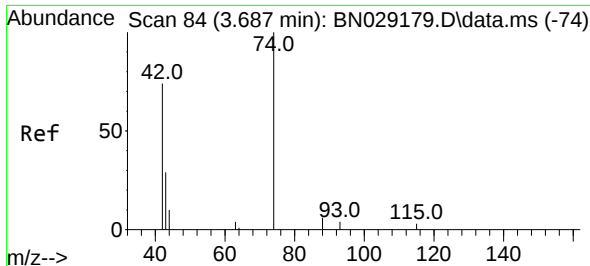


#2  
 1,4-Dioxane  
 Concen: 0.338 ng  
 RT: 3.326 min Scan# 34  
 Delta R.T. 0.000 min  
 Lab File: BN029186.D  
 Acq: 22 Dec 2023 20:29



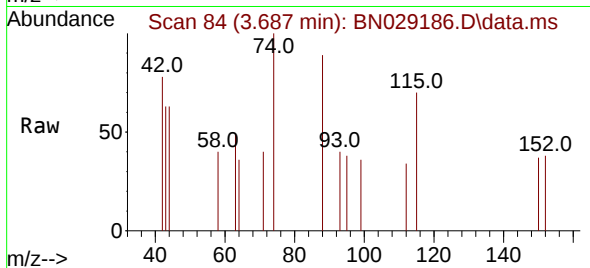
Tgt Ion: 88 Resp: 289  
 Ion Ratio Lower Upper  
 88 100  
 43 24.6 19.1 28.7  
 58 39.4 28.2 42.4





#3  
n-Nitrosodimethylamine  
Concen: 0.252 ng  
RT: 3.687 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

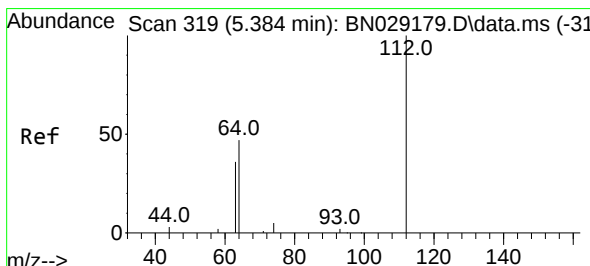
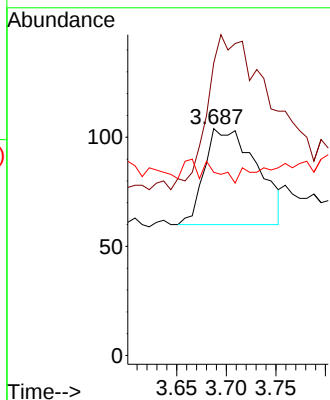
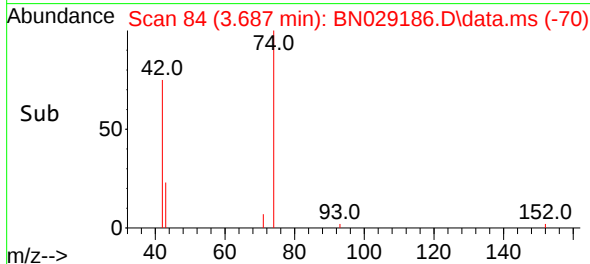
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



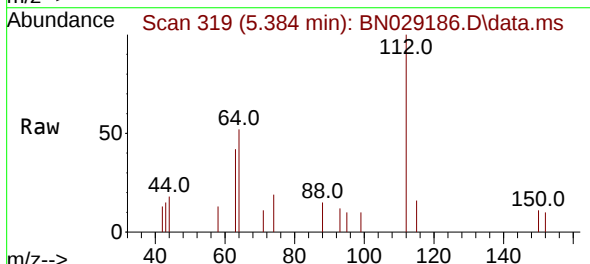
Tgt Ion: 42 Resp: 162  
Ion Ratio Lower Upper  
42 100  
74 167.9 95.1 142.7  
44 0.0 7.6 11.4

Manual Integrations  
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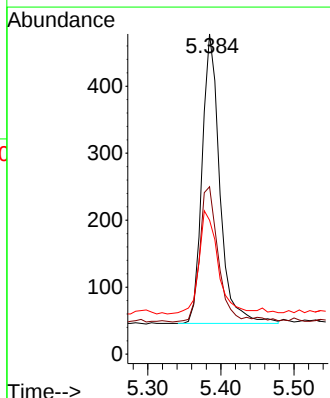
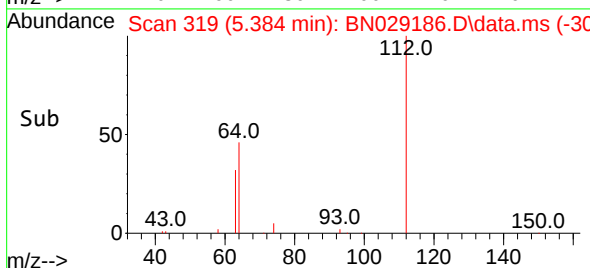
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023

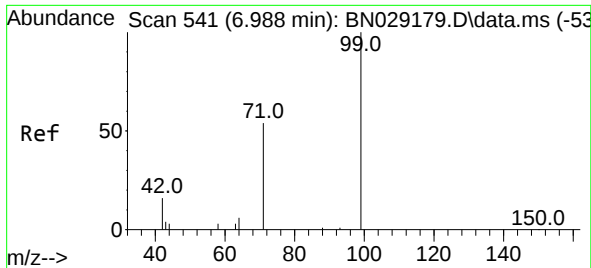


#4  
2-Fluorophenol  
Concen: 0.328 ng  
RT: 5.384 min Scan# 319  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29



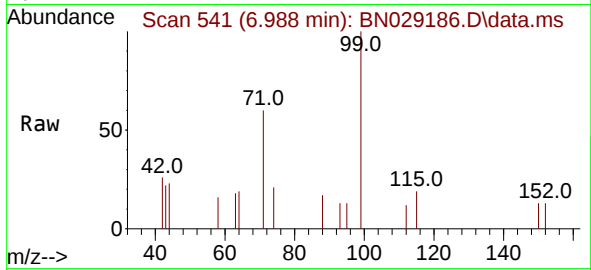
Tgt Ion:112 Resp: 726  
Ion Ratio Lower Upper  
112 100  
64 50.1 37.8 56.6  
63 38.6 29.4 44.0





#5  
Phenol-d6  
Concen: 0.315 ng  
RT: 6.988 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

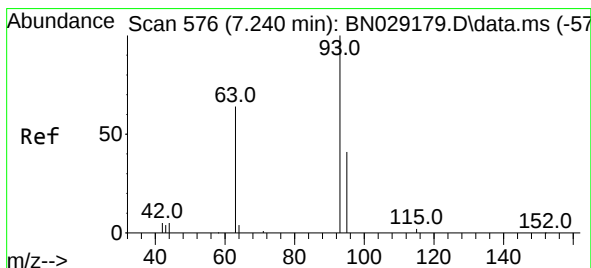
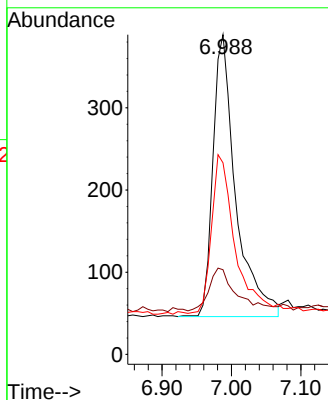
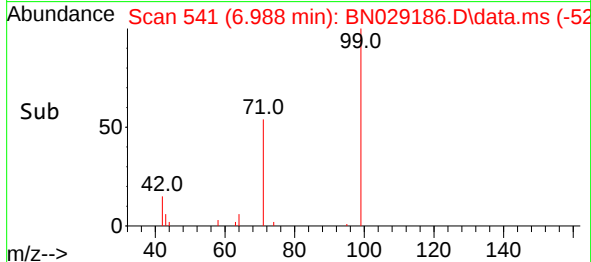
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion: 99 Resp: 78  
Ion Ratio Lower Upper  
99 100  
42 17.9 16.8 25.2  
71 58.5 43.4 65.2

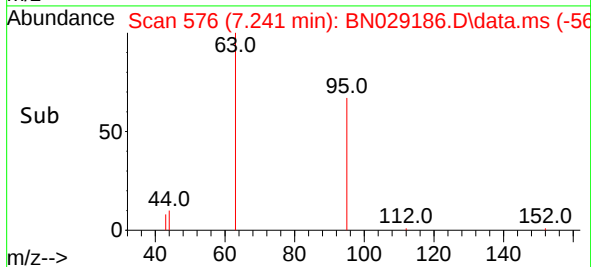
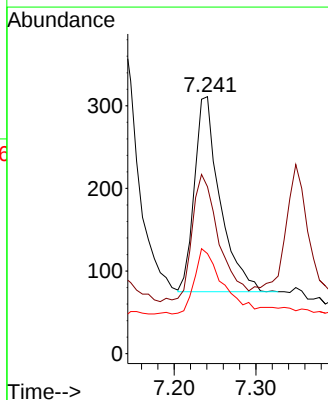
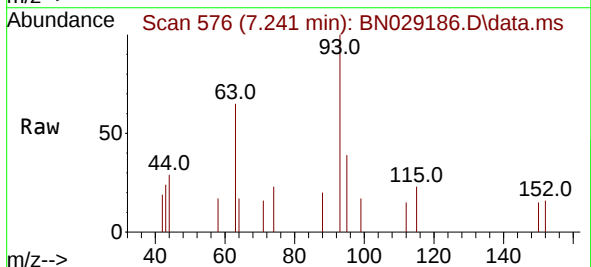
Manual Integrations  
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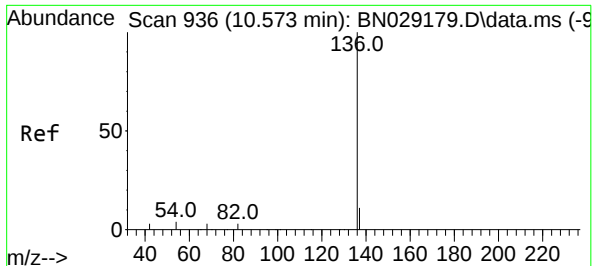
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023



#6  
bis(2-Chloroethyl)ether  
Concen: 0.295 ng  
RT: 7.241 min Scan# 576  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

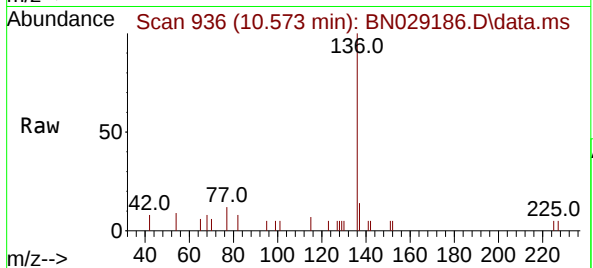
Tgt Ion: 93 Resp: 514  
Ion Ratio Lower Upper  
93 100  
63 70.0 58.4 87.6  
95 37.4 29.2 43.8





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.573 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

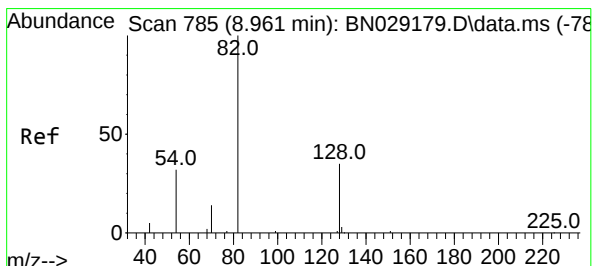
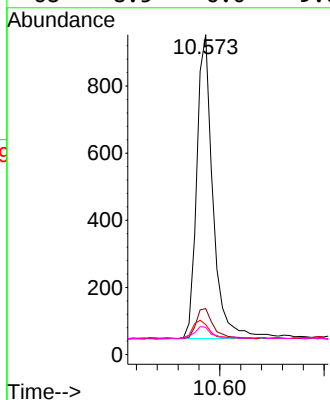
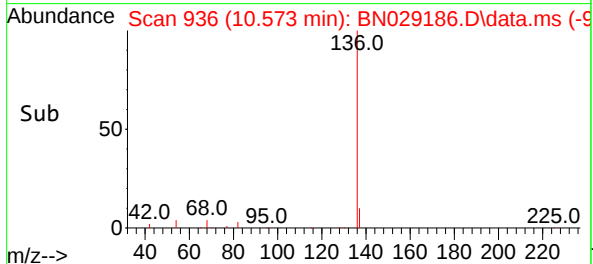
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 195   |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 14.4  | 12.1  | 18.1  |
| 54       | 9.3   | 7.2   | 10.8  |
| 68       | 8.5   | 6.0   | 9.0   |

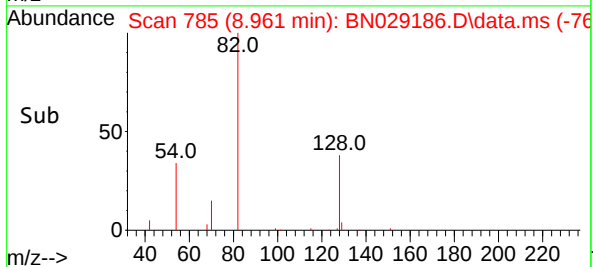
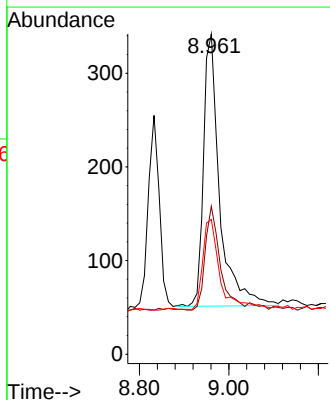
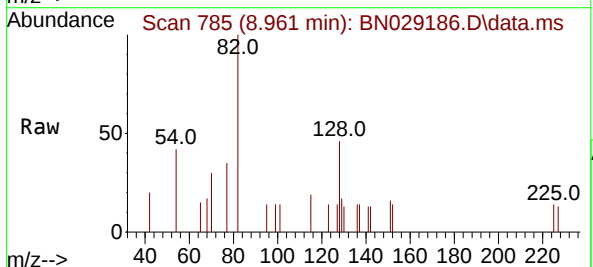
Manual Integrations  
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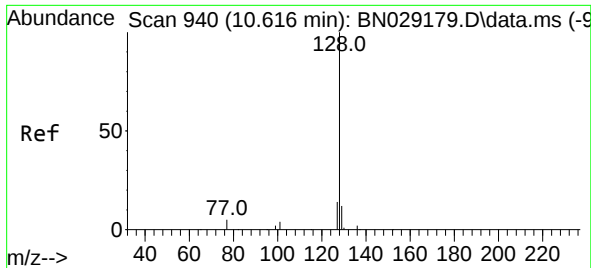
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023



#8  
Nitrobenzene-d5  
Concen: 0.299 ng  
RT: 8.961 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

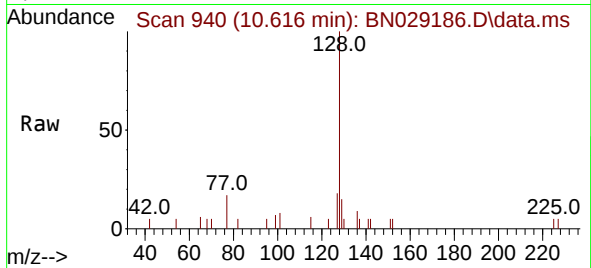
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 727   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 46.2  | 34.5  | 51.7  |
| 54       | 42.1  | 33.4  | 50.0  |





#9  
Naphthalene  
Concen: 0.327 ng  
RT: 10.616 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

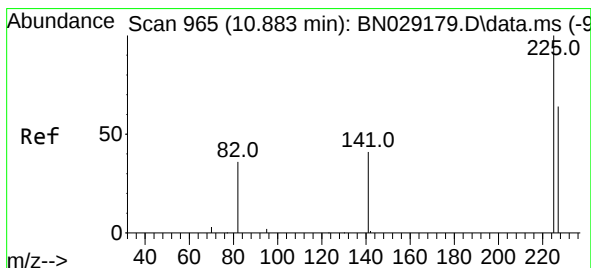
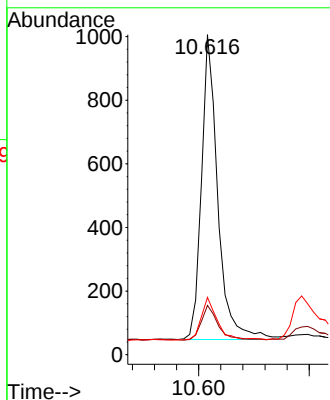
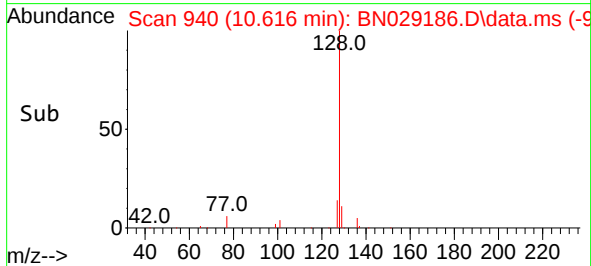
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:128 Resp: 1972  
Ion Ratio Lower Upper  
128 100  
129 15.4 13.0 19.6  
127 17.9 14.4 21.6

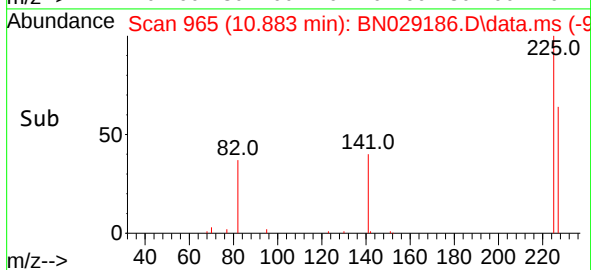
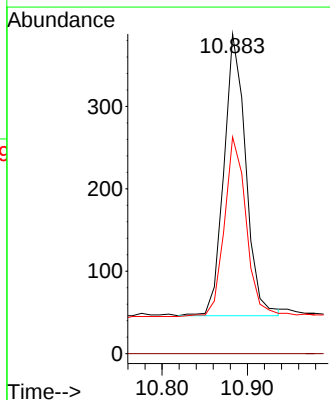
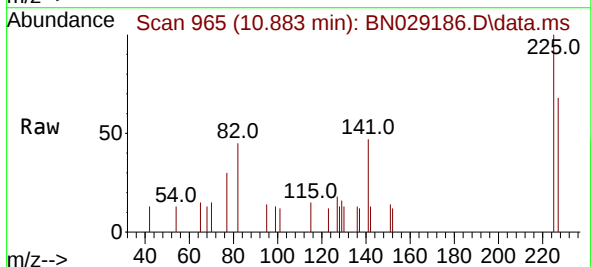
Manual Integrations  
APPROVED

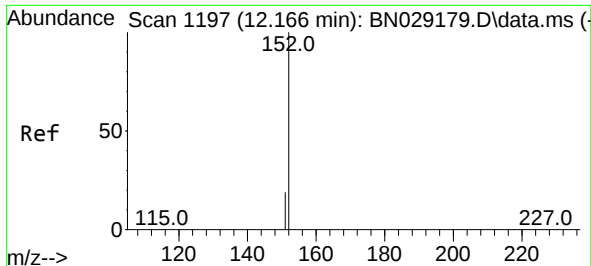
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023



#10  
Hexachlorobutadiene  
Concen: 0.328 ng  
RT: 10.883 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

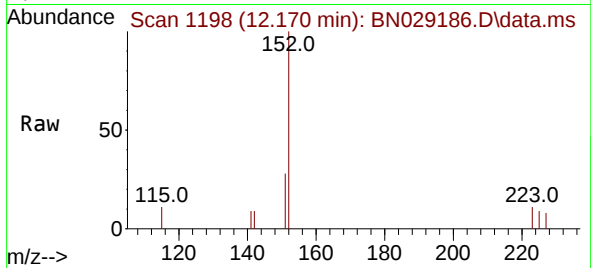
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.5 50.4 75.6





#11  
2-Methylnaphthalene-d10  
Concen: 0.335 ng  
RT: 12.170 min Scan# 1197  
Delta R.T. 0.004 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

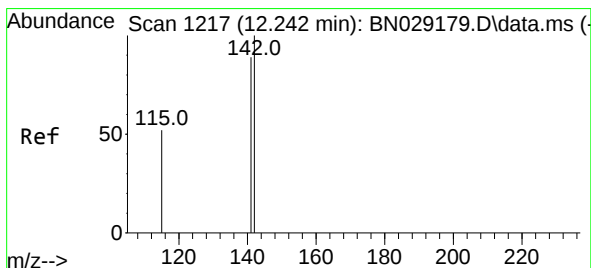
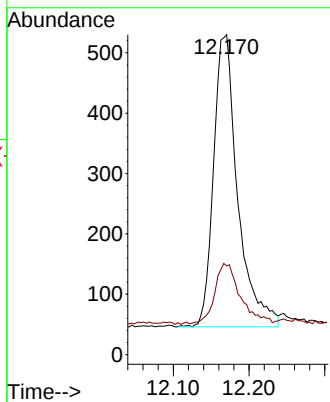
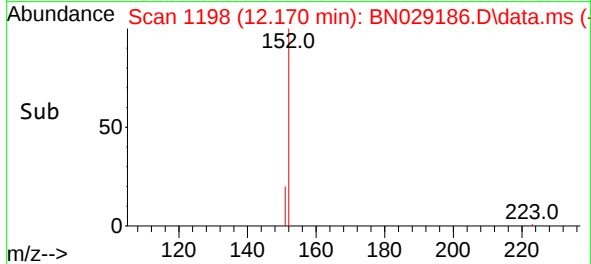
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



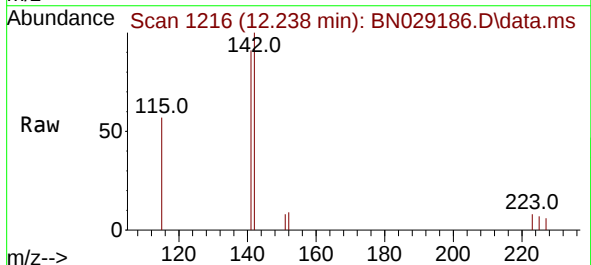
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Manual Integrations  
APPROVED

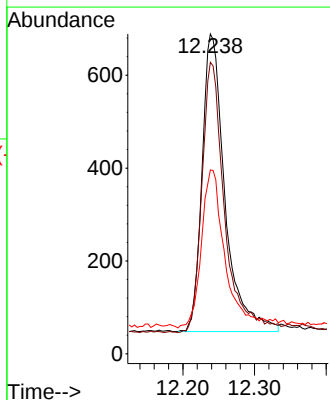
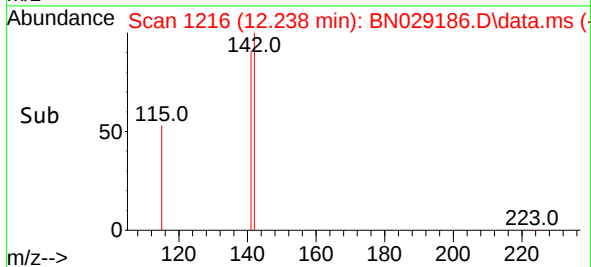
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023

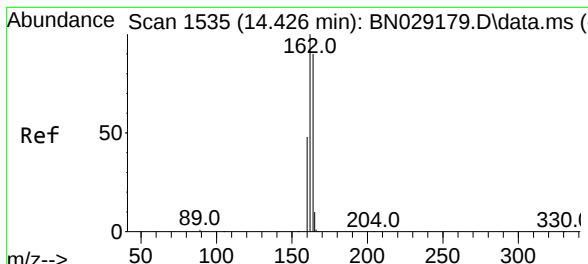


#12  
2-Methylnaphthalene  
Concen: 0.334 ng  
RT: 12.238 min Scan# 1216  
Delta R.T. -0.004 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29



Tgt Ion:142 Resp: 1426  
Ion Ratio Lower Upper  
142 100  
141 91.1 71.9 107.9  
115 57.5 46.1 69.1





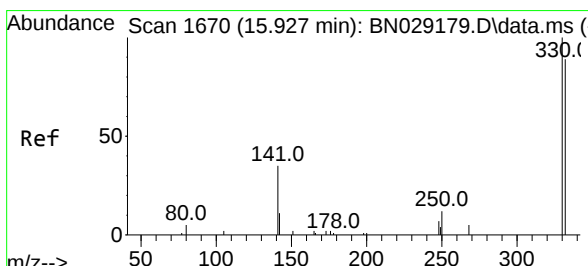
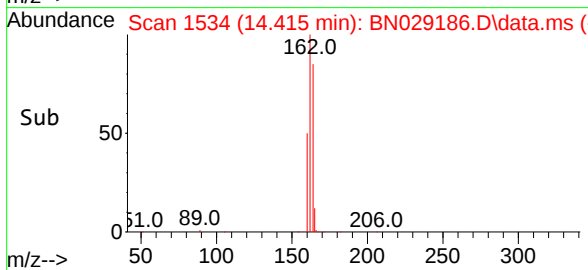
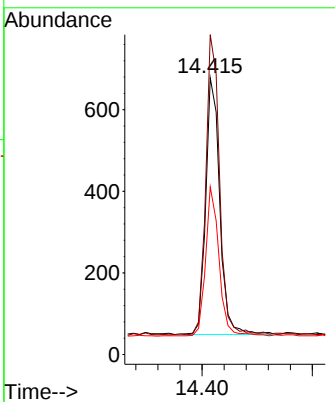
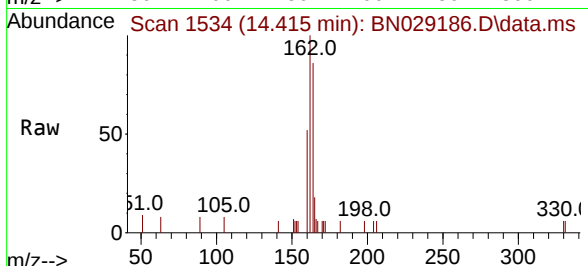
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.415 min Scan# 1534  
 Delta R.T. -0.011 min  
 Lab File: BN029186.D  
 Acq: 22 Dec 2023 20:29

Instrument : BNA\_N  
 ClientSampleId : SSTDCCC0.4EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 1114  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 115.6 | 88.2  | 132.2 |
| 160      | 60.6  | 44.9  | 67.3  |

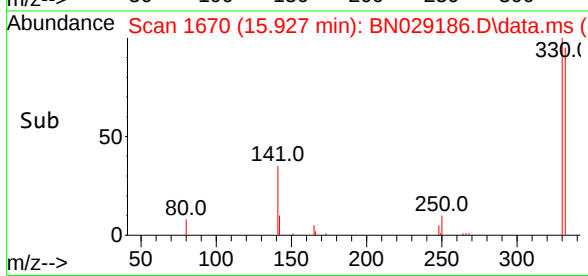
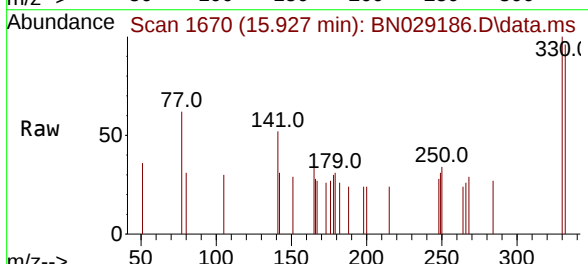
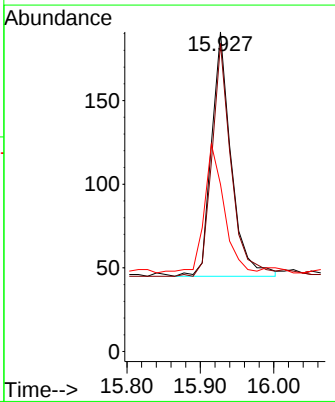
Manual Integrations  
 APPROVED

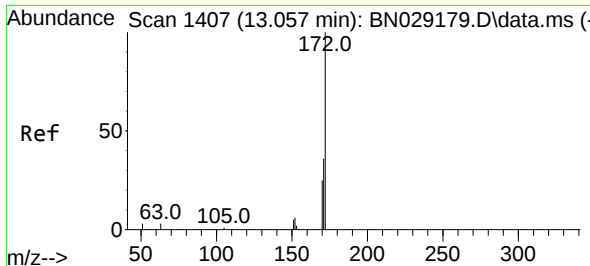
Reviewed By :Yogesh Patel 12/25/2023  
 Supervised By :mohammad ahmed 12/25/2023



#14  
 2,4,6-Tribromophenol  
 Concen: 0.333 ng  
 RT: 15.927 min Scan# 1670  
 Delta R.T. 0.000 min  
 Lab File: BN029186.D  
 Acq: 22 Dec 2023 20:29

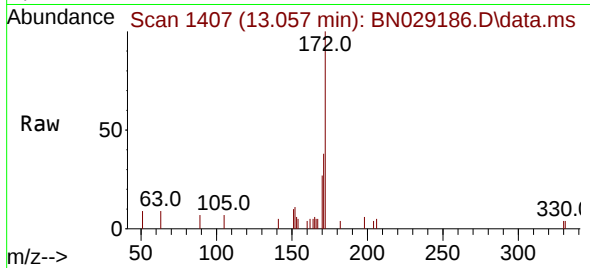
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 272   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 93.0  | 77.6  | 116.4 |
| 141      | 52.9  | 40.2  | 60.2  |





#15  
2-Fluorobiphenyl  
Concen: 0.313 ng  
RT: 13.057 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

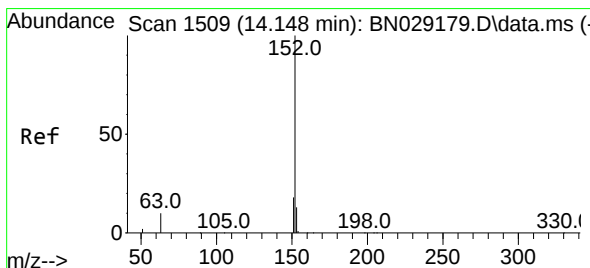
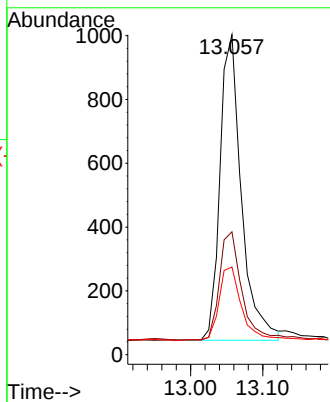
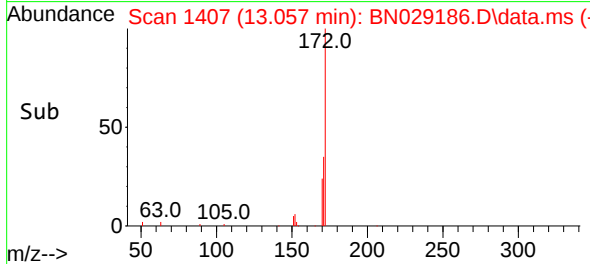
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



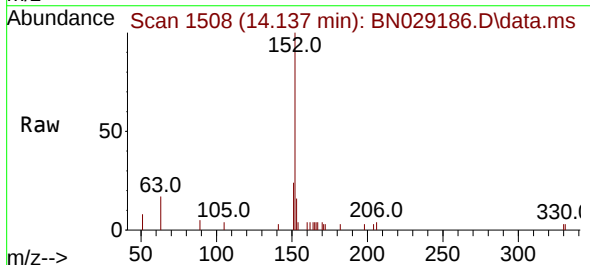
Tgt Ion:172 Resp: 1972  
Ion Ratio Lower Upper  
172 100  
171 38.4 31.4 47.0  
170 27.4 22.8 34.2

Manual Integrations  
APPROVED

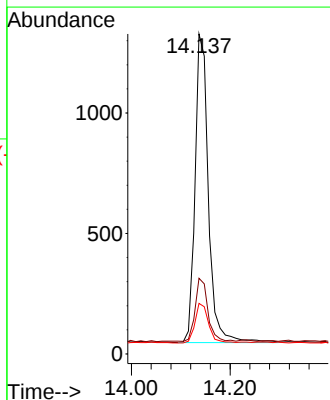
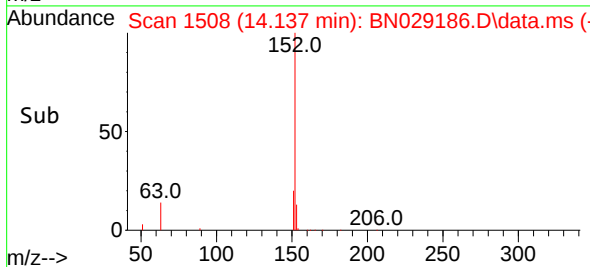
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023

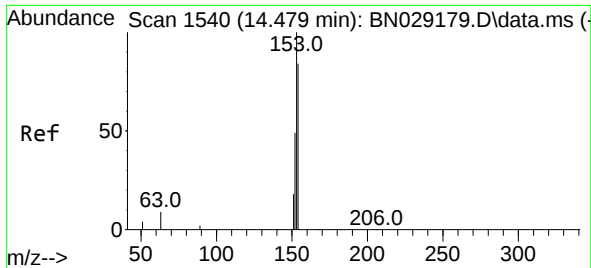


#16  
Acenaphthylene  
Concen: 0.326 ng  
RT: 14.137 min Scan# 1508  
Delta R.T. -0.011 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29



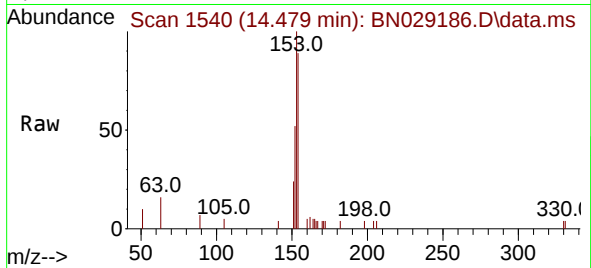
Tgt Ion:152 Resp: 2402  
Ion Ratio Lower Upper  
152 100  
151 19.2 15.1 22.7  
153 12.9 10.3 15.5





#17  
Acenaphthene  
Concen: 0.331 ng  
RT: 14.479 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

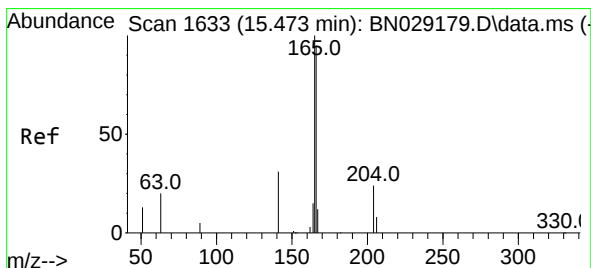
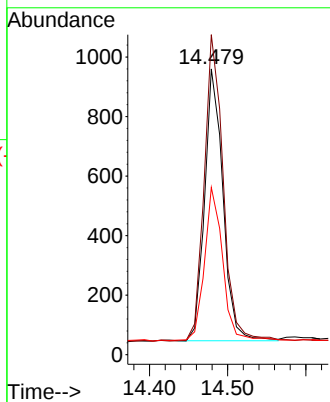
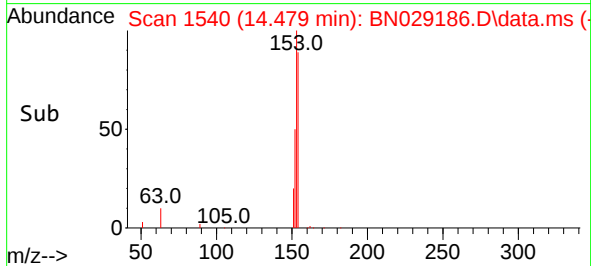
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



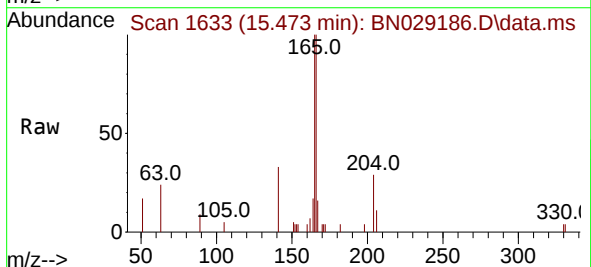
Tgt Ion:154 Resp: 149  
Ion Ratio Lower Upper  
154 100  
153 116.5 96.8 145.2  
152 55.5 46.1 69.1

Manual Integrations  
APPROVED

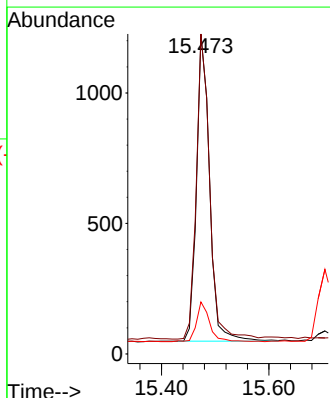
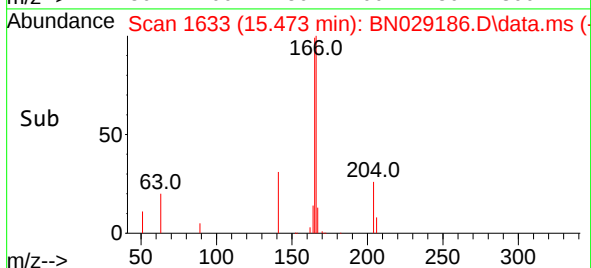
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023

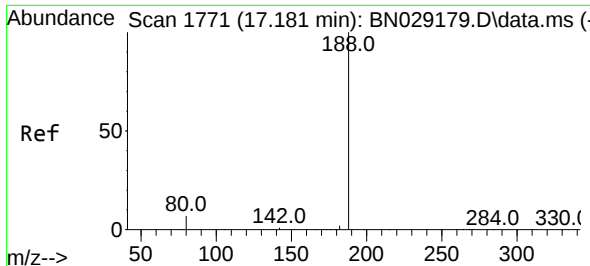


#18  
Fluorene  
Concen: 0.337 ng  
RT: 15.473 min Scan# 1633  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29



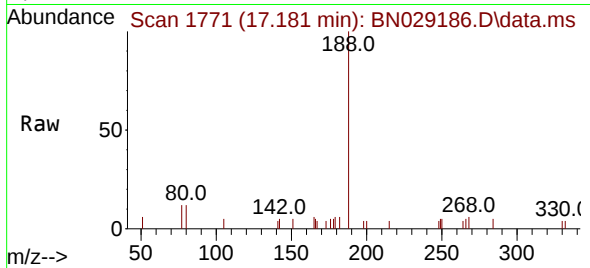
Tgt Ion:166 Resp: 2141  
Ion Ratio Lower Upper  
166 100  
165 100.4 80.0 120.0  
167 12.8 10.4 15.6





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.181 min Scan# 1771  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

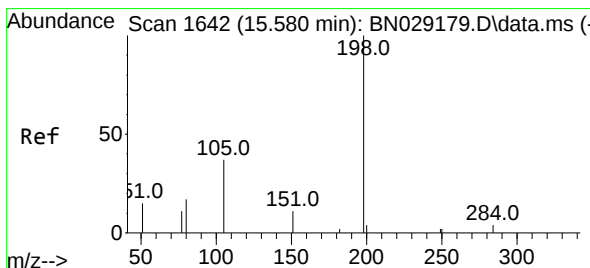
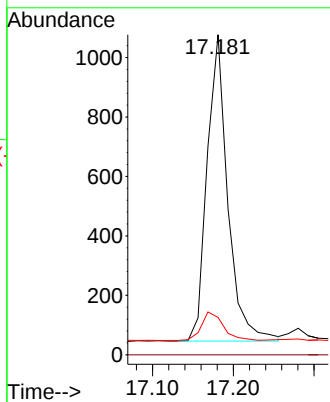
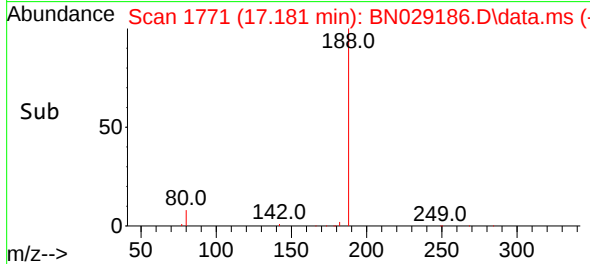
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



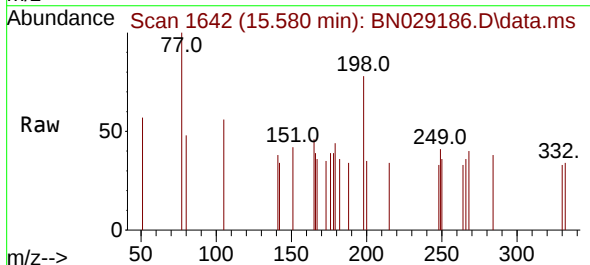
Tgt Ion:188 Resp: 183  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.7 8.9 13.3

Manual Integrations  
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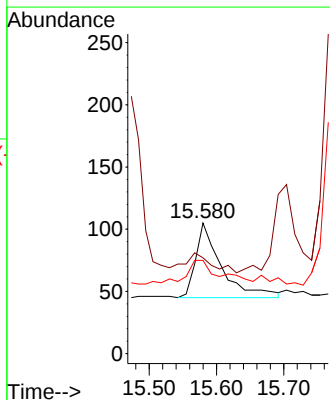
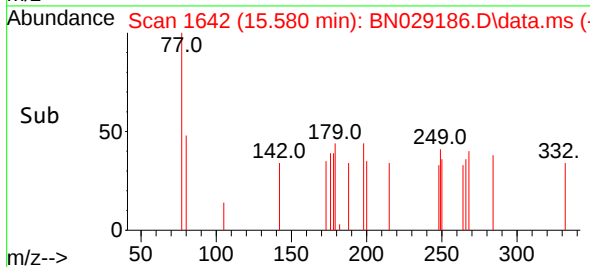
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023

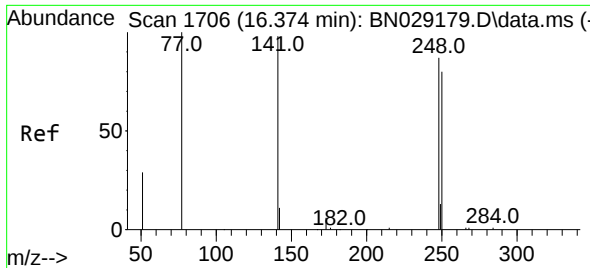


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.372 ng  
RT: 15.580 min Scan# 1642  
Delta R.T. -0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29



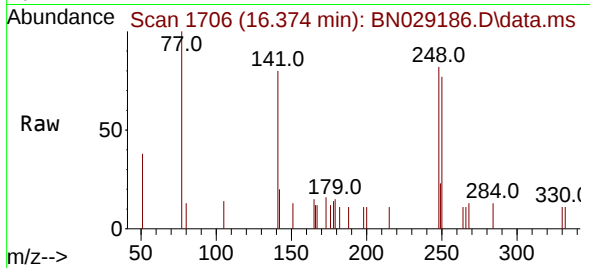
Tgt Ion:198 Resp: 159  
Ion Ratio Lower Upper  
198 100  
51 73.3 56.0 84.0  
105 71.4 61.6 92.4





#21  
4-Bromophenyl-phenylether  
Concen: 0.317 ng  
RT: 16.374 min Scan# 1706  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

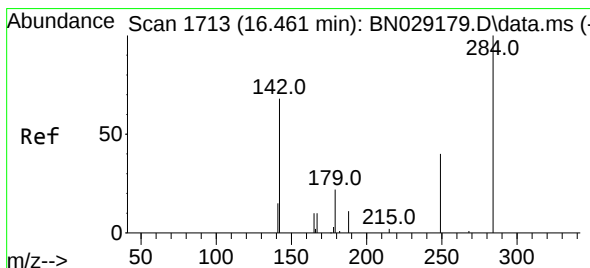
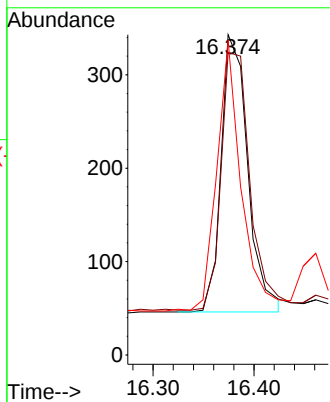
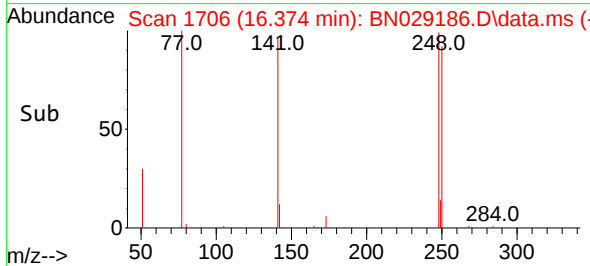
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



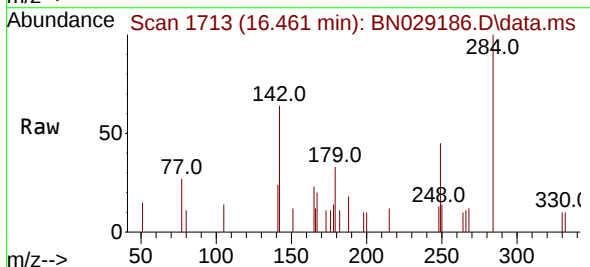
Tgt Ion:248 Resp: 540  
Ion Ratio Lower Upper  
248 100  
250 94.5 75.7 113.5  
141 98.3 89.4 134.0

Manual Integrations  
APPROVED

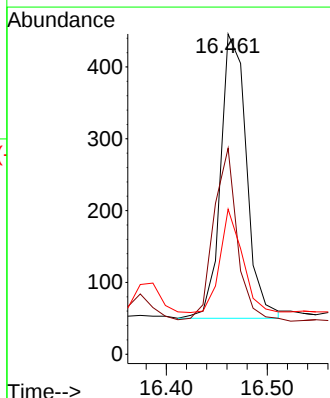
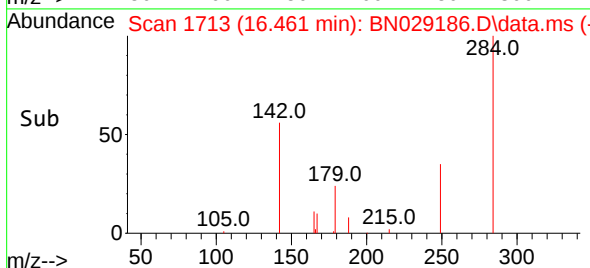
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023

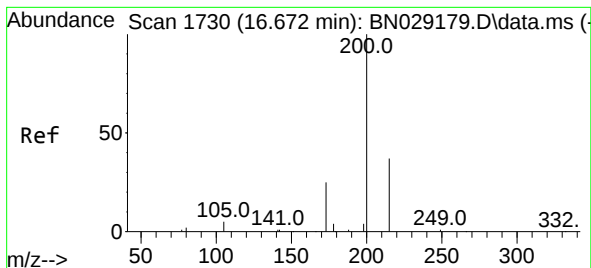


#22  
Hexachlorobenzene  
Concen: 0.347 ng  
RT: 16.461 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29



Tgt Ion:284 Resp: 706  
Ion Ratio Lower Upper  
284 100  
142 54.2 47.4 71.0  
249 31.4 28.8 43.2





#23

Atrazine

Concen: 0.329 ng

RT: 16.672 min Scan# 1730

Delta R.T. 0.000 min

Lab File: BN029186.D

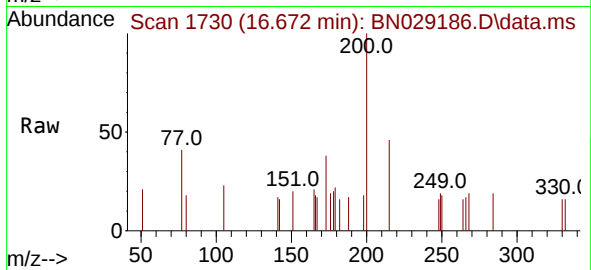
Acq: 22 Dec 2023 20:29

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



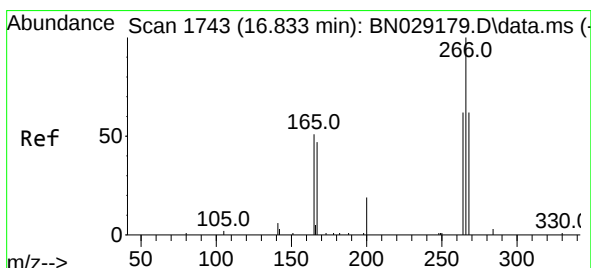
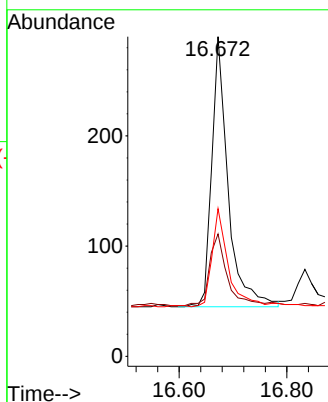
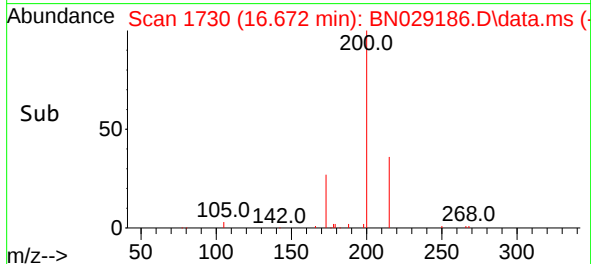
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 51.0 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 38.3  | 30.5  | 45.7 |
| 215       | 46.2  | 37.8  | 56.6 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#24

Pentachlorophenol

Concen: 0.291 ng

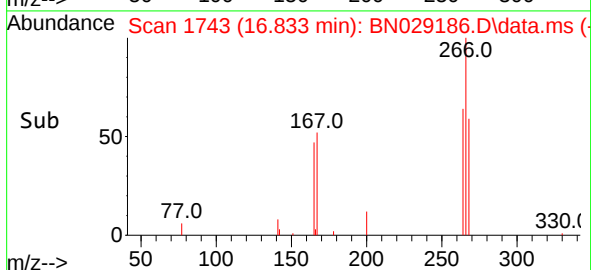
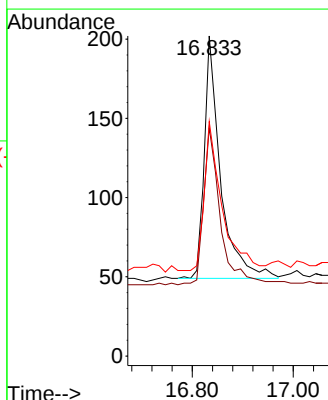
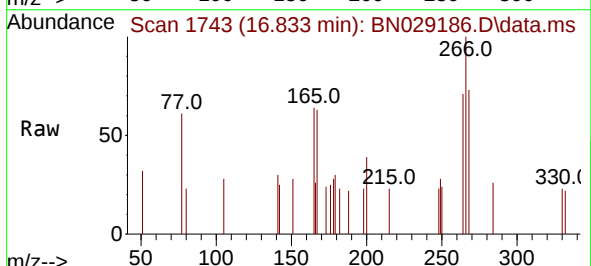
RT: 16.833 min Scan# 1743

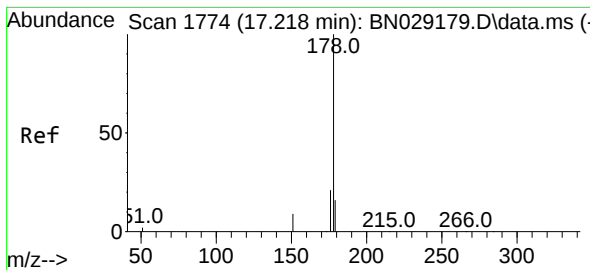
Delta R.T. 0.000 min

Lab File: BN029186.D

Acq: 22 Dec 2023 20:29

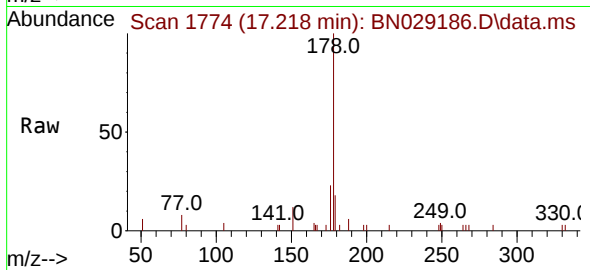
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 343  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 66.8  | 52.8  | 79.2 |
| 268       | 66.8  | 51.4  | 77.0 |





#25  
Phenanthrene  
Concen: 0.336 ng  
RT: 17.218 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

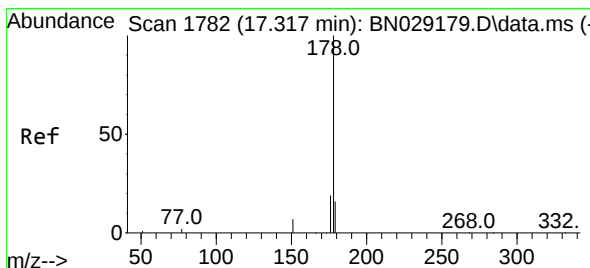
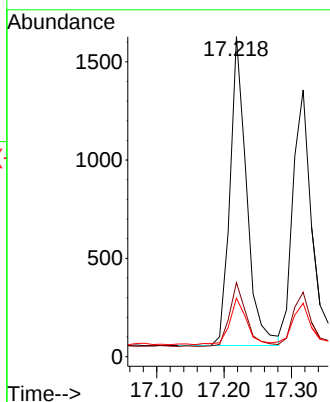
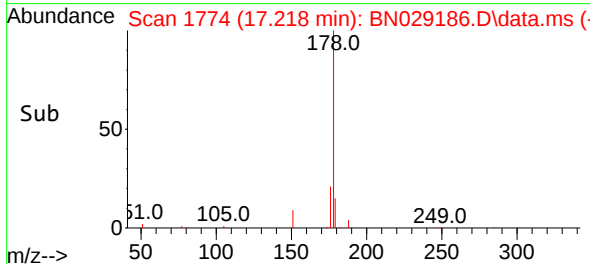
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



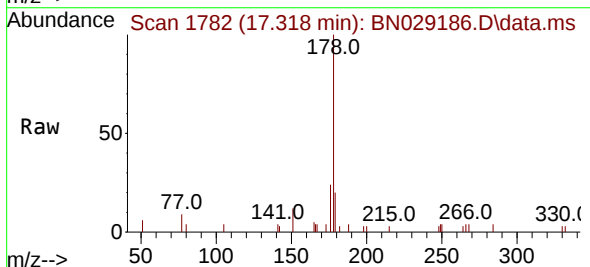
Tgt Ion:178 Resp: 2698  
Ion Ratio Lower Upper  
178 100  
176 20.8 16.6 25.0  
179 15.8 12.2 18.4

Manual Integrations  
APPROVED

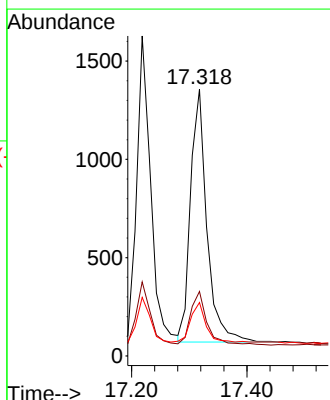
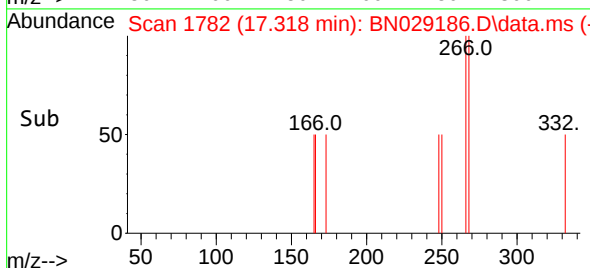
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023

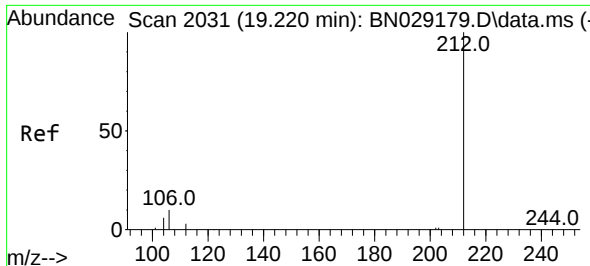


#26  
Anthracene  
Concen: 0.329 ng  
RT: 17.318 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29



Tgt Ion:178 Resp: 2538  
Ion Ratio Lower Upper  
178 100  
176 21.6 15.8 23.8  
179 16.4 11.9 17.9





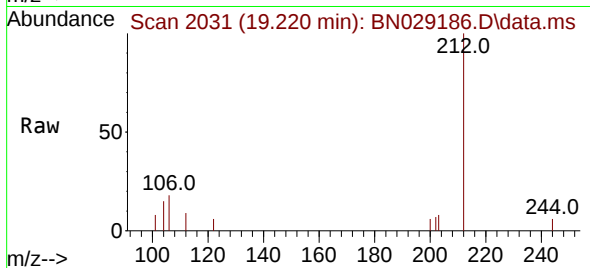
#27  
Fluoranthene-d10  
Concen: 0.306 ng  
RT: 19.220 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

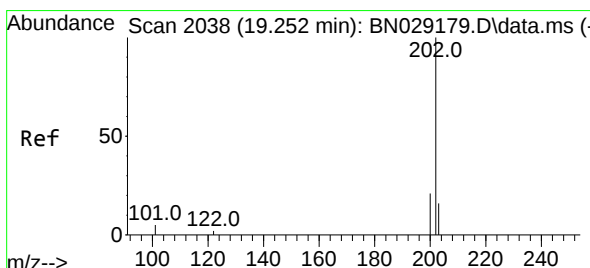
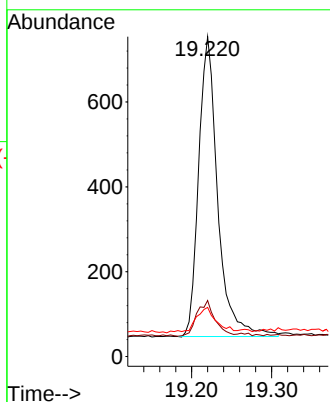
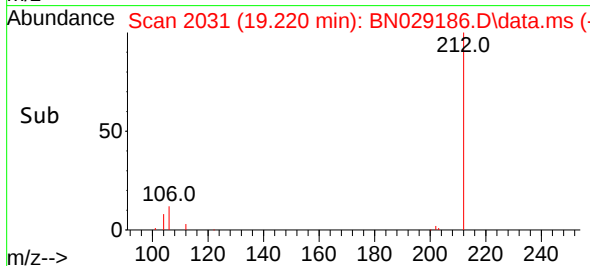


Tgt Ion:212 Resp: 1170  
Ion Ratio Lower Upper  
212 100  
106 11.3 9.6 14.4  
104 9.2 5.8 8.6

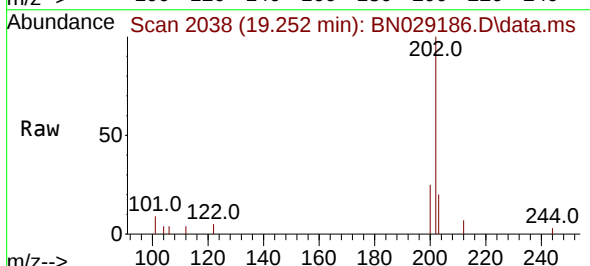
Manual Integrations

APPROVED

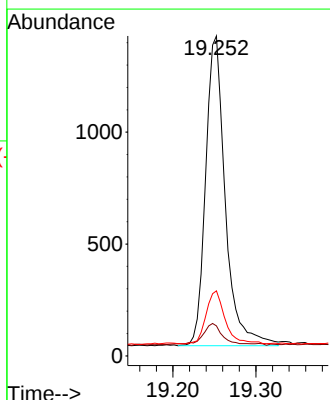
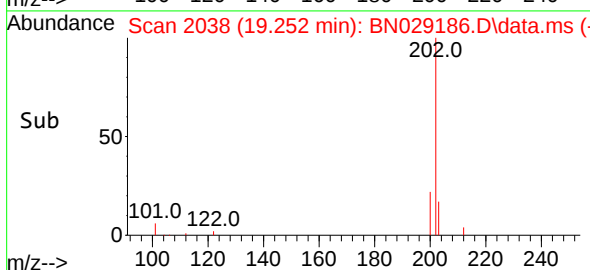
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023

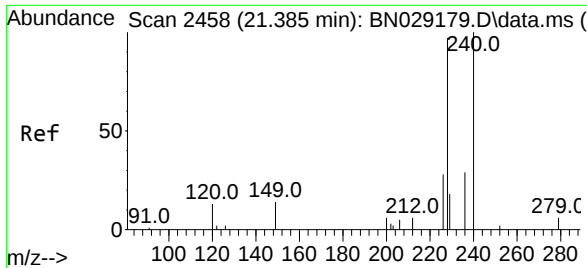


#28  
Fluoranthene  
Concen: 0.318 ng  
RT: 19.252 min Scan# 2038  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29



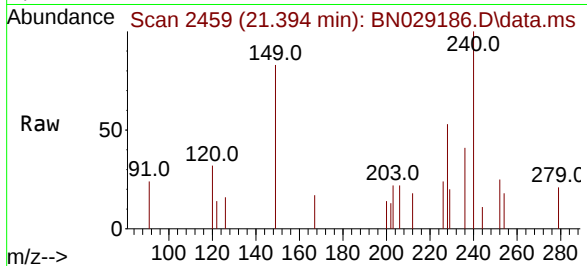
Tgt Ion:202 Resp: 2281  
Ion Ratio Lower Upper  
202 100  
101 7.1 4.5 6.7#  
203 16.5 13.7 20.5





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.394 min Scan# 2458  
Delta R.T. 0.009 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

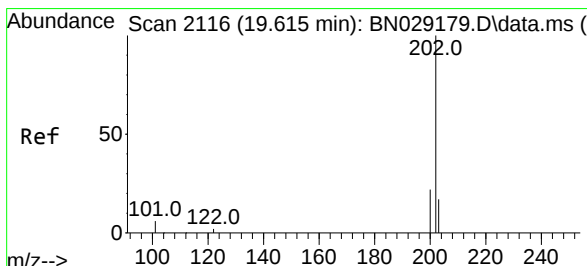
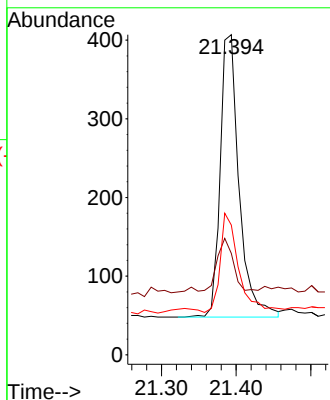
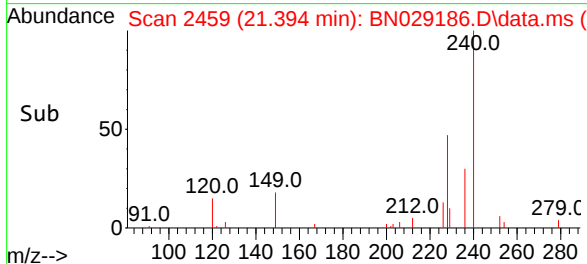
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:240 Resp: 63  
Ion Ratio Lower Upper  
240 100  
120 31.7 23.9 35.9  
236 40.5 31.3 46.9

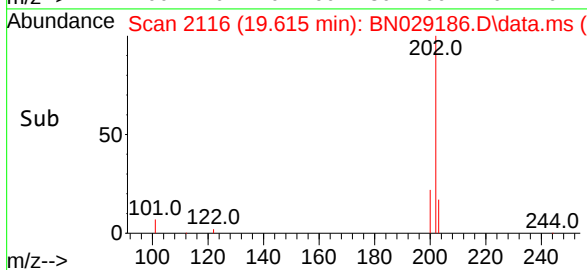
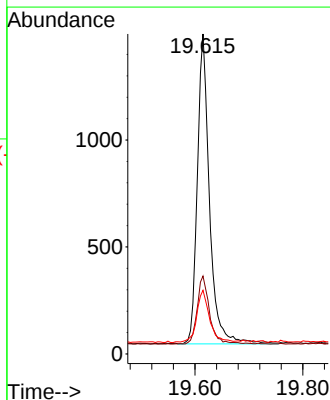
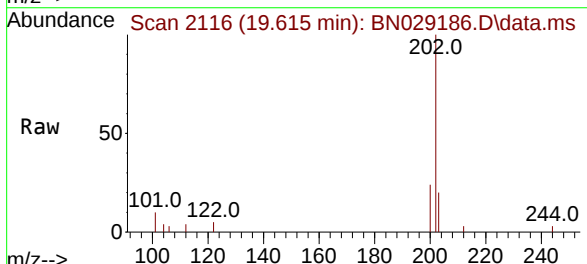
Manual Integrations  
APPROVED

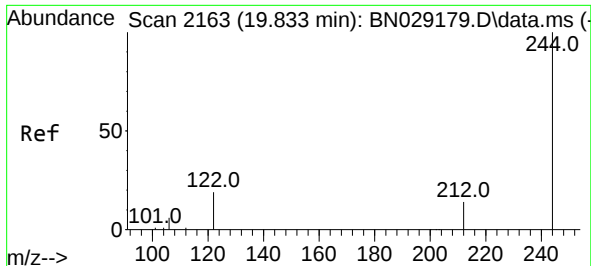
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023



#30  
Pyrene  
Concen: 0.381 ng  
RT: 19.615 min Scan# 2116  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

Tgt Ion:202 Resp: 2265  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.4 26.2  
203 18.1 13.8 20.8





#31  
 Terphenyl-d14  
 Concen: 0.362 ng  
 RT: 19.833 min Scan# 2163  
 Delta R.T. 0.000 min  
 Lab File: BN029186.D  
 Acq: 22 Dec 2023 20:29

Instrument :

BNA\_N

ClientSampleId :

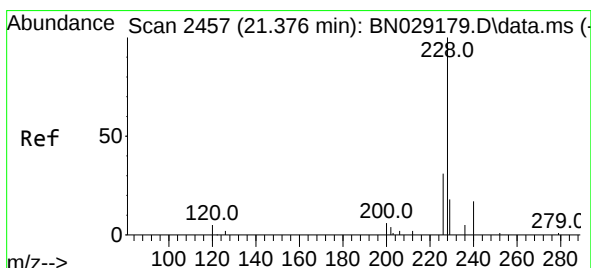
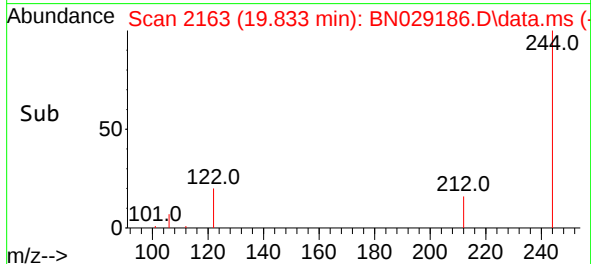
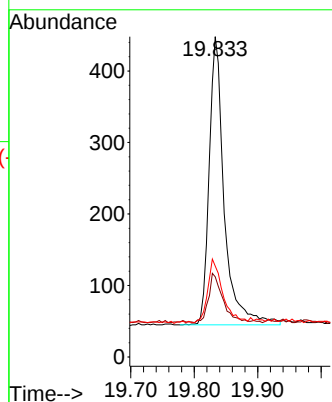
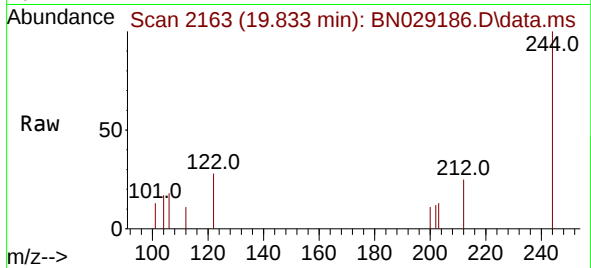
SSTDCCC0.4EC

Tgt Ion:244 Resp: 66  
 Ion Ratio Lower Upper  
 244 100  
 212 25.0 18.9 28.3  
 122 28.3 22.5 33.7

Manual Integrations

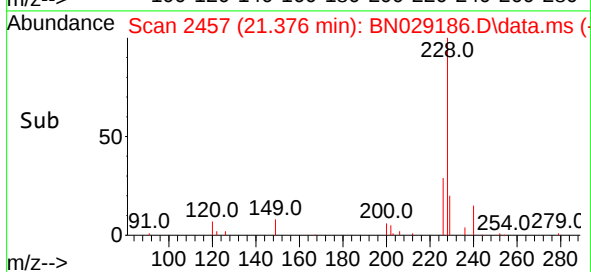
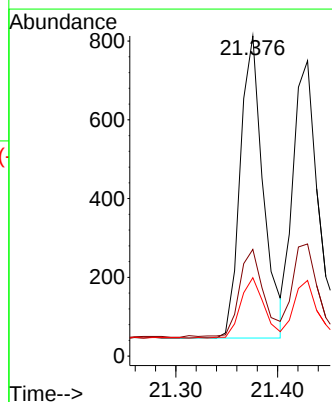
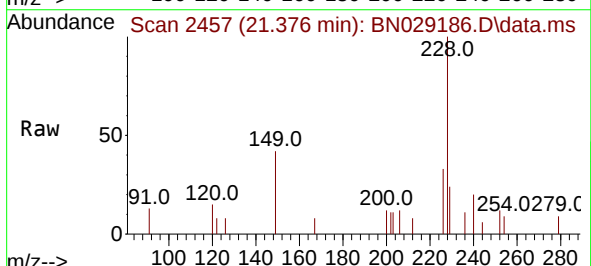
APPROVED

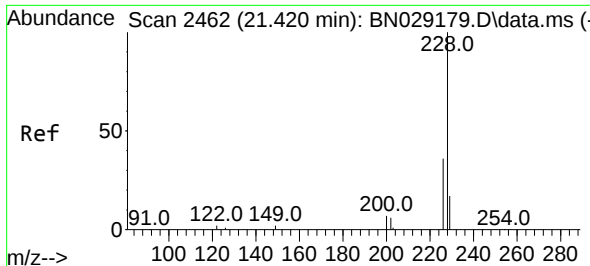
Reviewed By :Yogesh Patel 12/25/2023  
 Supervised By :mohammad ahmed 12/25/2023



#32  
 Benzo(a)anthracene  
 Concen: 0.336 ng  
 RT: 21.376 min Scan# 2457  
 Delta R.T. 0.000 min  
 Lab File: BN029186.D  
 Acq: 22 Dec 2023 20:29

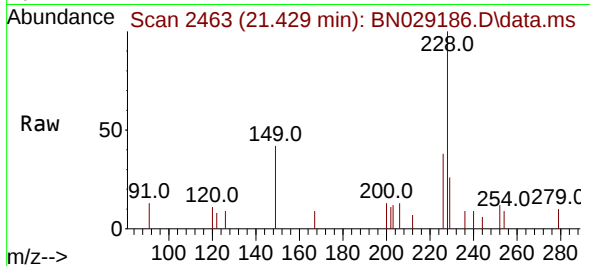
Tgt Ion:228 Resp: 1203  
 Ion Ratio Lower Upper  
 228 100  
 226 33.3 27.8 41.6  
 229 24.5 18.0 27.0





#33  
Chrysene  
Concen: 0.353 ng  
RT: 21.429 min Scan# 2463  
Delta R.T. 0.009 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

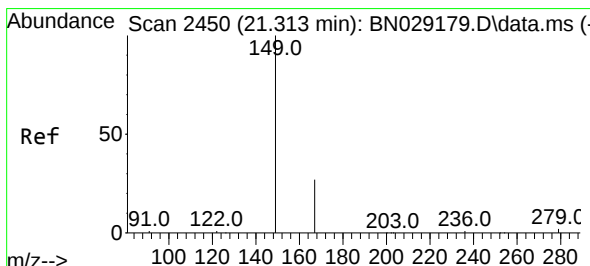
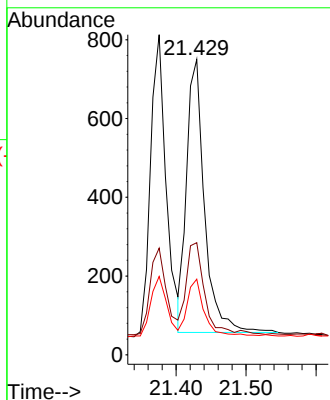
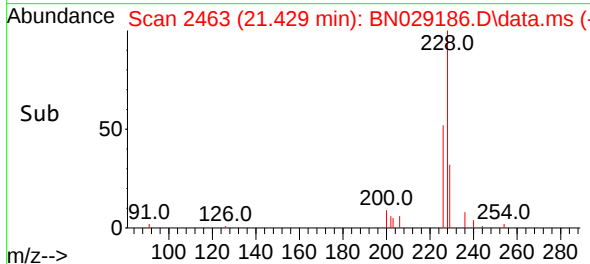
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:228 Resp: 123  
Ion Ratio Lower Upper  
228 100  
226 38.0 32.0 48.0  
229 25.6 17.7 26.5

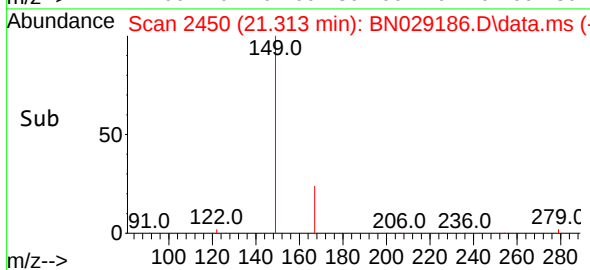
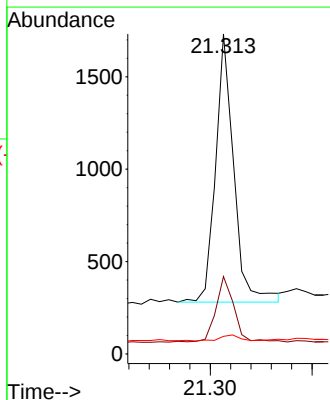
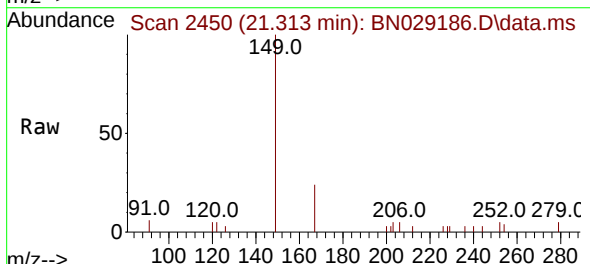
Manual Integrations  
APPROVED

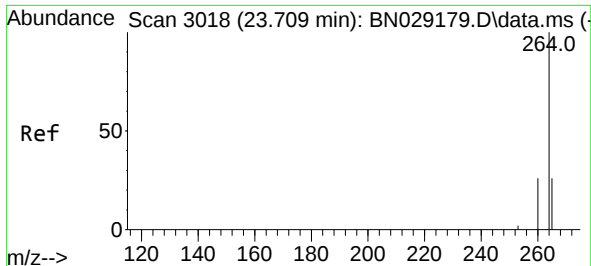
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.395 ng  
RT: 21.313 min Scan# 2450  
Delta R.T. -0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

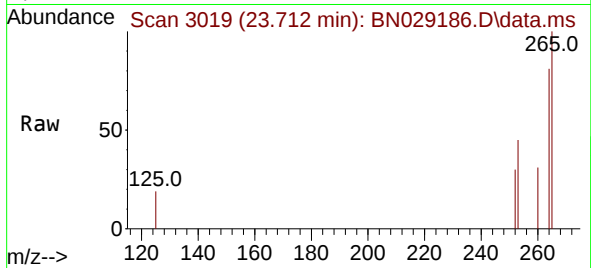
Tgt Ion:149 Resp: 1801  
Ion Ratio Lower Upper  
149 100  
167 25.1 20.8 31.2  
279 2.5 1.7 2.5





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.712 min Scan# 3019  
 Delta R.T. 0.003 min  
 Lab File: BN029186.D  
 Acq: 22 Dec 2023 20:29

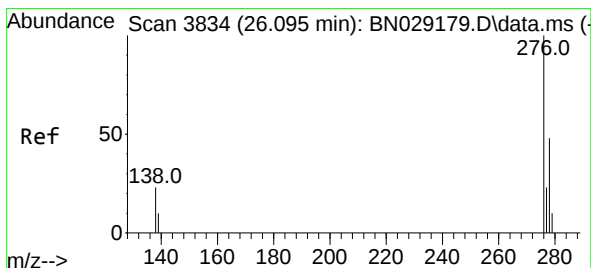
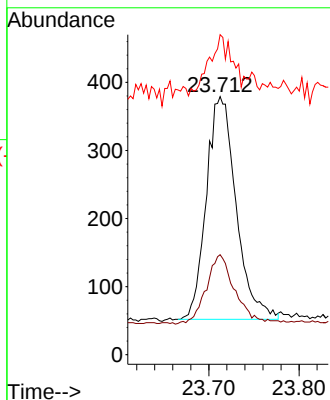
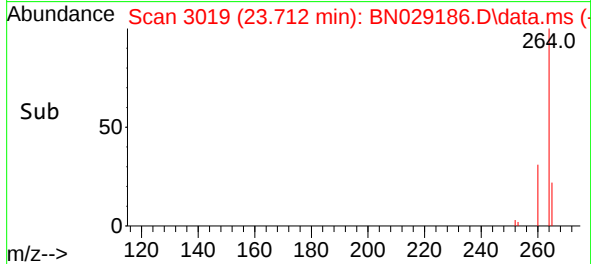
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



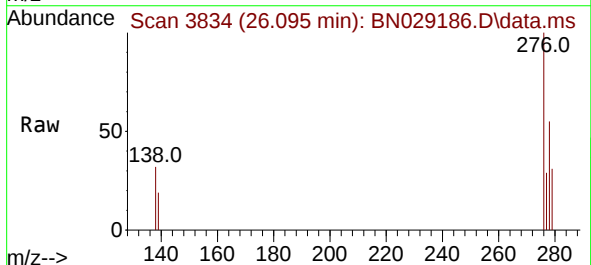
Tgt Ion:264 Resp: 750  
 Ion Ratio Lower Upper  
 264 100  
 260 38.8 27.1 40.7  
 265 124.0 99.4 149.2

Manual Integrations  
 APPROVED

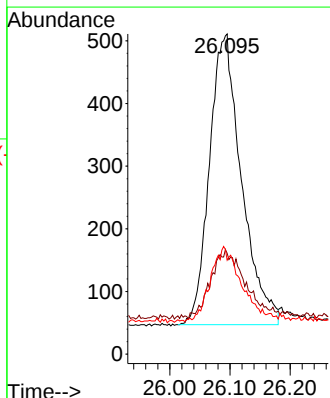
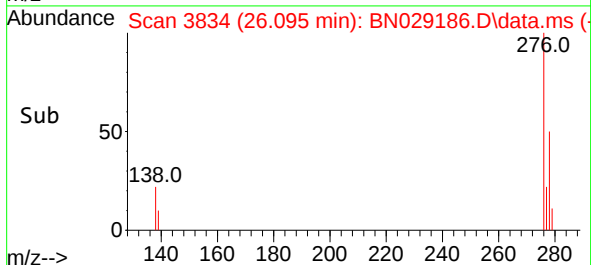
Reviewed By :Yogesh Patel 12/25/2023  
 Supervised By :mohammad ahmed 12/25/2023

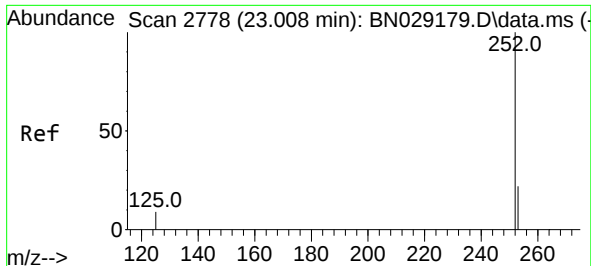


#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.339 ng  
 RT: 26.095 min Scan# 3834  
 Delta R.T. 0.000 min  
 Lab File: BN029186.D  
 Acq: 22 Dec 2023 20:29



Tgt Ion:276 Resp: 1714  
 Ion Ratio Lower Upper  
 276 100  
 138 25.4 6.9 10.3#  
 277 24.6 18.4 27.6





#37

Benzo(b)fluoranthene

Concen: 0.332 ng

RT: 23.005 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN029186.D

Acq: 22 Dec 2023 20:29

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:252 Resp: 1309

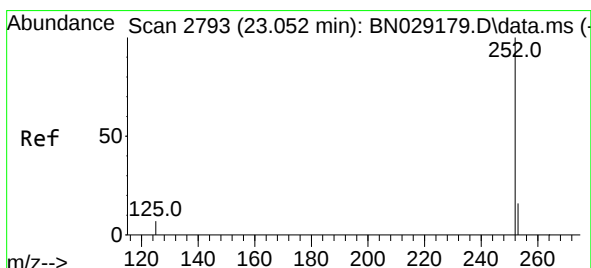
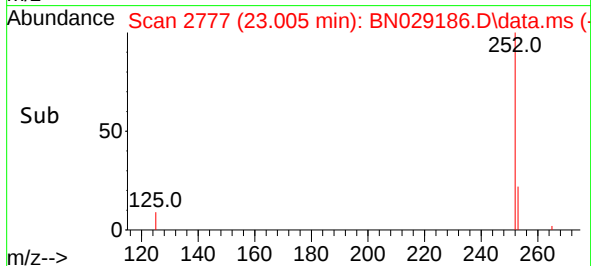
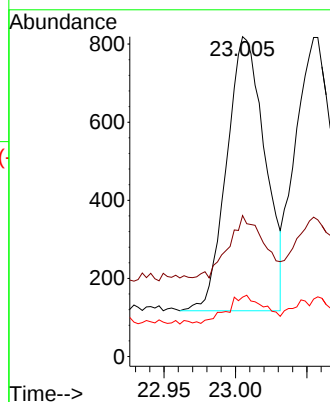
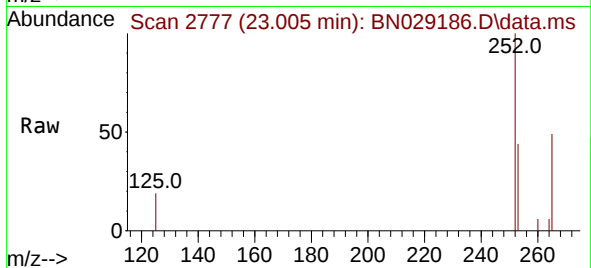
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 44.1  | 33.4  | 50.0  |
| 125 | 18.6  | 14.6  | 21.8  |

Manual Integrations

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Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#38

Benzo(k)fluoranthene

Concen: 0.314 ng

RT: 23.055 min Scan# 2794

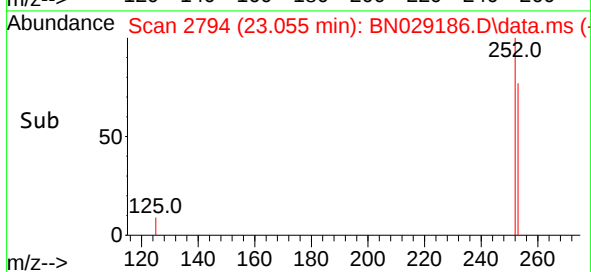
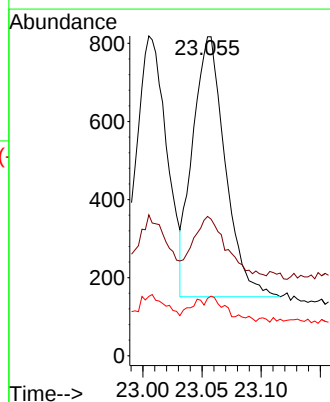
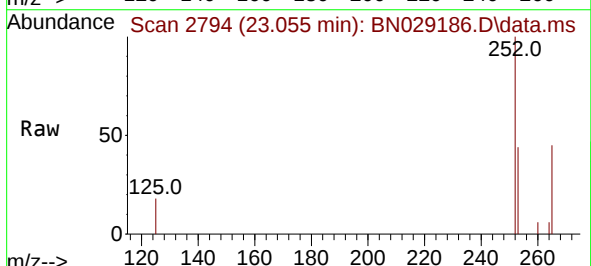
Delta R.T. 0.003 min

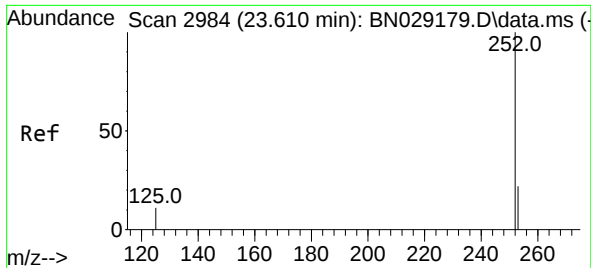
Lab File: BN029186.D

Acq: 22 Dec 2023 20:29

Tgt Ion:252 Resp: 1280

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 43.7  | 33.3  | 49.9  |
| 125 | 18.0  | 14.0  | 21.0  |





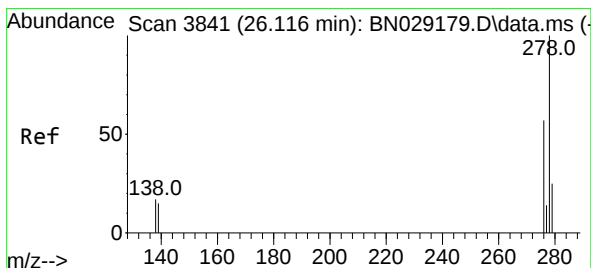
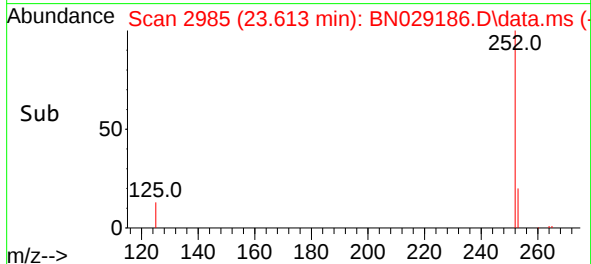
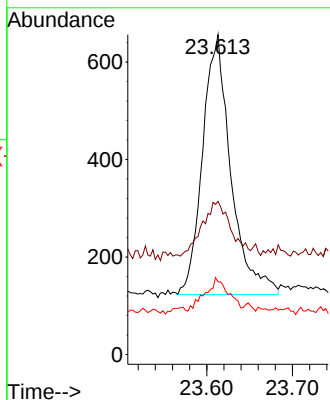
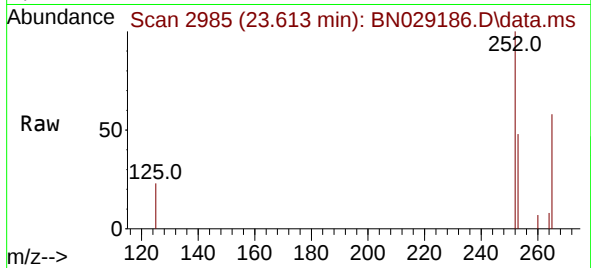
#39  
Benzo(a)pyrene  
Concen: 0.340 ng  
RT: 23.613 min Scan# 2984  
Delta R.T. 0.003 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:252 Resp: 1224  
Ion Ratio Lower Upper  
252 100  
253 47.9 39.7 59.5  
125 22.7 17.9 26.9

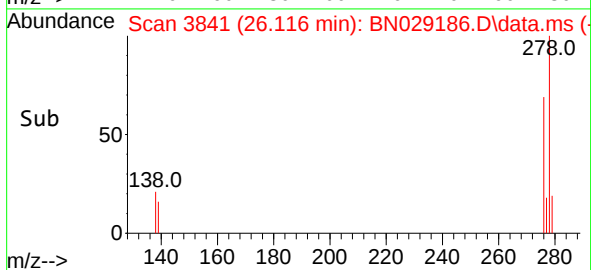
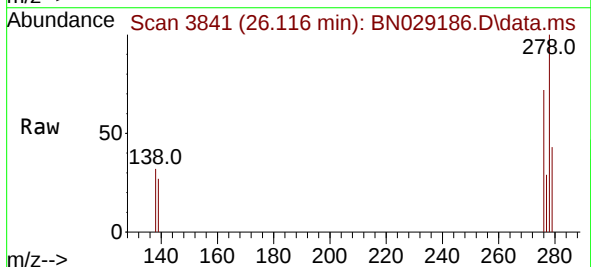
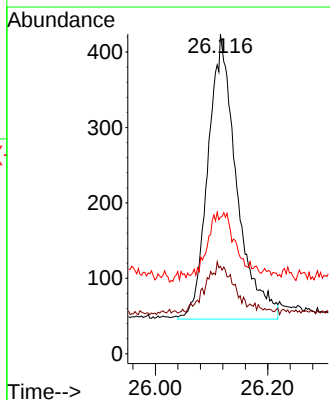
Manual Integrations  
APPROVED

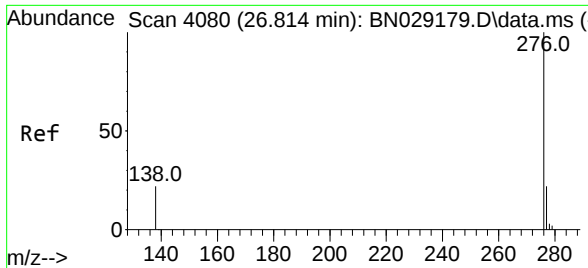
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023



#40  
Dibenzo(a,h)anthracene  
Concen: 0.348 ng m  
RT: 26.116 min Scan# 3841  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

Tgt Ion:278 Resp: 1335  
Ion Ratio Lower Upper  
278 100  
139 27.4 21.8 32.6  
279 42.7 39.9 59.9





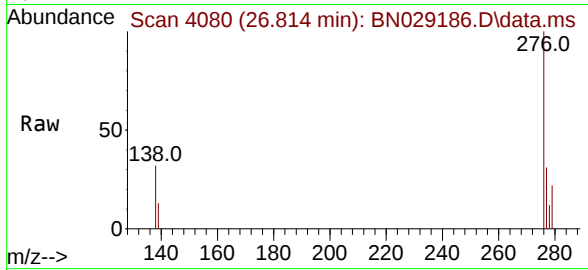
#41  
Benzo(g,h,i)perylene  
Concen: 0.346 ng m  
RT: 26.814 min Scan# 4080  
Delta R.T. 0.000 min  
Lab File: BN029186.D  
Acq: 22 Dec 2023 20:29

Instrument :

BN029186.D

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 1488

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 31.2  | 24.2  | 36.4  |
| 138 | 32.5  | 25.5  | 38.3  |

Manual Integrations

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Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023

