

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022425\  
 Data File : BN036506.D  
 Acq On : 24 Feb 2025 20:02  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 02/25/2025  
 Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 25 00:15:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN021025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 11 01:17:14 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.739  | 152  | 2714     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.530 | 136  | 6702     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.377 | 164  | 4551     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.124 | 188  | 8966     | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.313 | 240  | 5942     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.578 | 264  | 5454     | 0.400 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.334  | 112  | 2442     | 0.381 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.916  | 99   | 2752     | 0.366 | ng    | -0.02    |
| 8) Nitrobenzene-d5            | 8.897  | 82   | 2464     | 0.373 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.126 | 152  | 4061     | 0.394 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.870 | 330  | 721      | 0.320 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.003 | 172  | 7887     | 0.461 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 19.160 | 212  | 8615     | 0.346 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.759 | 244  | 5863     | 0.462 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.261  | 88   | 1125     | 0.379 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.572  | 42   | 2115     | 0.410 | ng    | # 98     |
| 6) bis(2-Chloroethyl)ether    | 7.168  | 93   | 3062     | 0.389 | ng    | 98       |
| 9) Naphthalene                | 10.584 | 128  | 7616     | 0.394 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.872 | 225  | 1897     | 0.403 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.197 | 142  | 4983     | 0.393 | ng    | 99       |
| 16) Acenaphthylene            | 14.099 | 152  | 7258     | 0.361 | ng    | 99       |
| 17) Acenaphthene              | 14.441 | 154  | 4953     | 0.369 | ng    | 99       |
| 18) Fluorene                  | 15.425 | 166  | 6880     | 0.360 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.510 | 198  | 573      | 0.326 | ng    | 96       |
| 21) 4-Bromophenyl-phenylether | 16.317 | 248  | 2149     | 0.402 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.441 | 284  | 2715     | 0.411 | ng    | 98       |
| 23) Atrazine                  | 16.602 | 200  | 1660     | 0.372 | ng    | 97       |
| 24) Pentachlorophenol         | 16.789 | 266  | 1078     | 0.344 | ng    | 99       |
| 25) Phenanthrene              | 17.161 | 178  | 9921     | 0.383 | ng    | 100      |
| 26) Anthracene                | 17.260 | 178  | 8595     | 0.376 | ng    | 99       |
| 28) Fluoranthene              | 19.188 | 202  | 10908    | 0.343 | ng    | 99       |
| 30) Pyrene                    | 19.550 | 202  | 11046    | 0.483 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.295 | 228  | 7322     | 0.374 | ng    | 98       |
| 33) Chrysene                  | 21.349 | 228  | 8882     | 0.420 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.232 | 149  | 5891     | 0.484 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.876 | 276  | 7424     | 0.389 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.897 | 252  | 7574m    | 0.422 | ng    |          |
| 38) Benzo(k)fluoranthene      | 22.940 | 252  | 7652     | 0.414 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.481 | 252  | 6394     | 0.408 | ng    | # 89     |
| 40) Dibenzo(a,h)anthracene    | 25.893 | 278  | 5795     | 0.385 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.569 | 276  | 6511     | 0.382 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

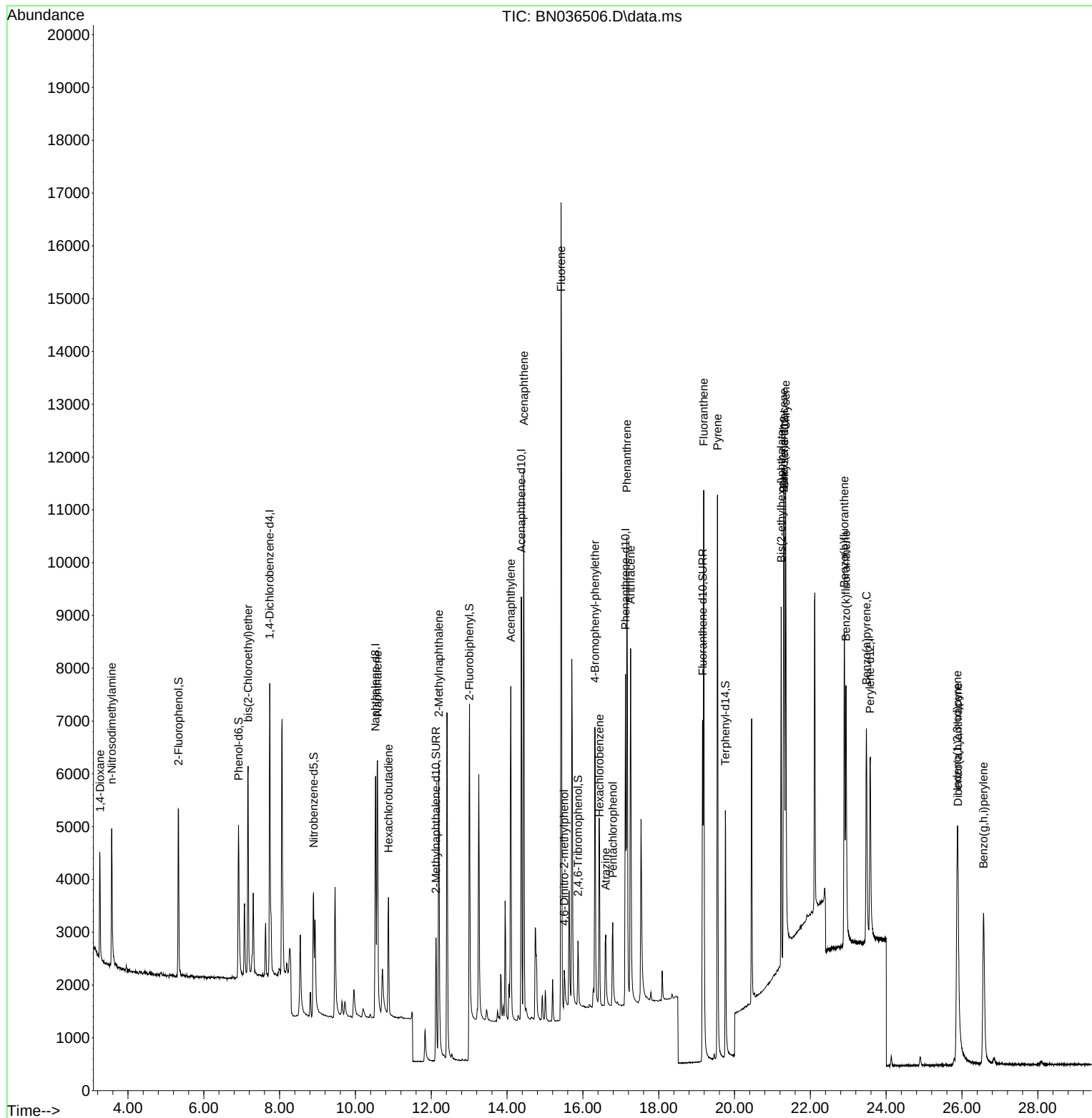
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022425\  
Data File : BN036506.D  
Acq On : 24 Feb 2025 20:02  
Operator : RC/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

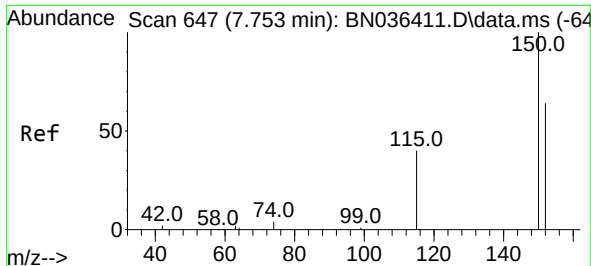
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 25 00:15:12 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN021025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Feb 11 01:17:14 2025  
Response via : Initial Calibration





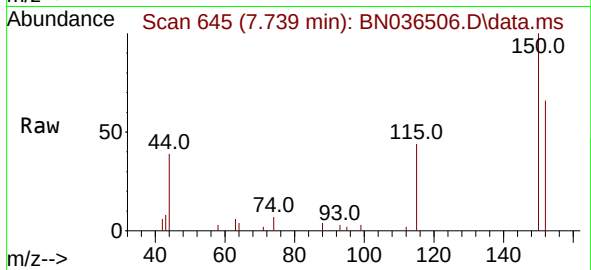
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.739 min Scan# 64  
 Delta R.T. -0.014 min  
 Lab File: BN036506.D  
 Acq: 24 Feb 2025 20:02

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



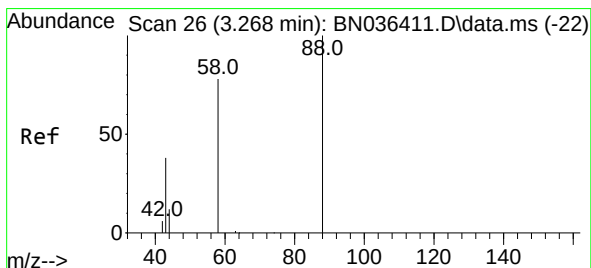
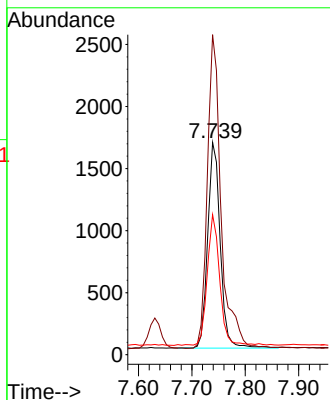
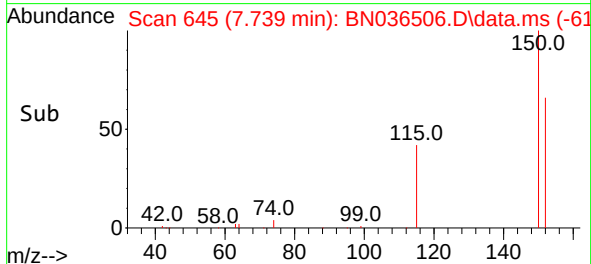
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 Ion Ratio Lower Upper  
 152 100  
 150 150.7 123.7 185.5  
 115 66.0 52.5 78.7

Manual Integrations

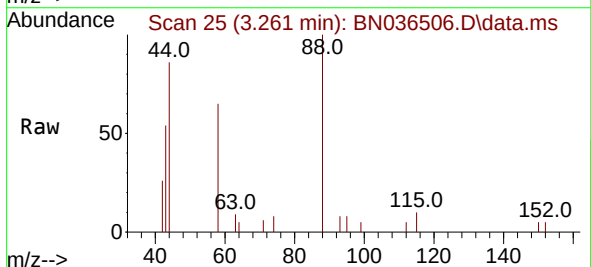
APPROVED

Reviewed By :Rahul Chavli 02/25/2025

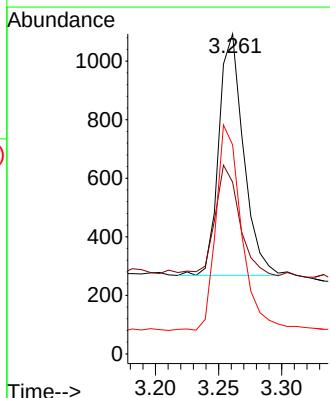
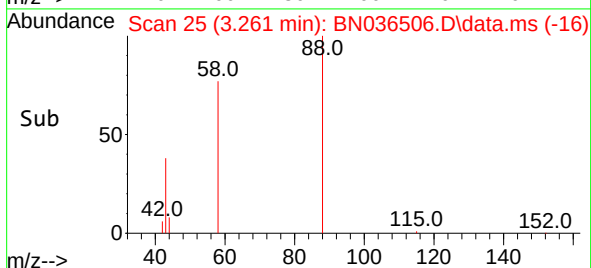
Supervised By :mohammad ahmed 02/28/2025

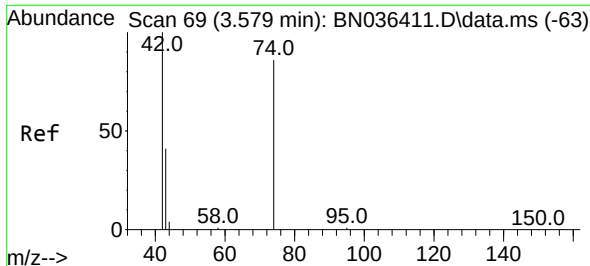


#2  
 1,4-Dioxane  
 Concen: 0.379 ng  
 RT: 3.261 min Scan# 25  
 Delta R.T. -0.007 min  
 Lab File: BN036506.D  
 Acq: 24 Feb 2025 20:02



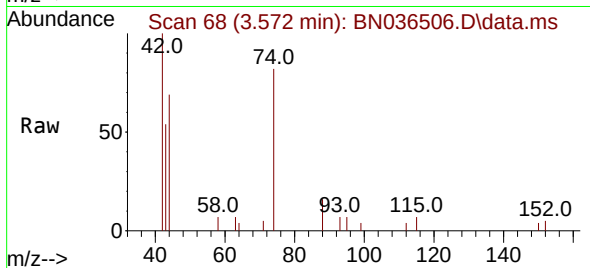
Tgt Ion: 88 Resp: 1125  
 Ion Ratio Lower Upper  
 88 100  
 43 46.0 33.7 50.5  
 58 88.2 68.9 103.3





#3  
n-Nitrosodimethylamine  
Concen: 0.410 ng  
RT: 3.572 min Scan# 69  
Delta R.T. -0.007 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

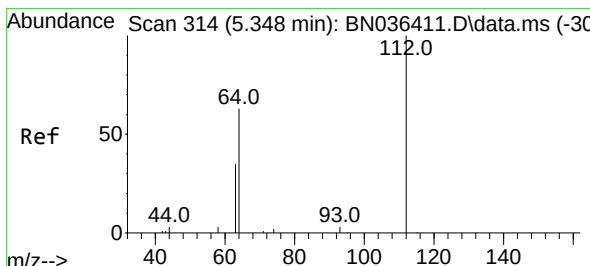
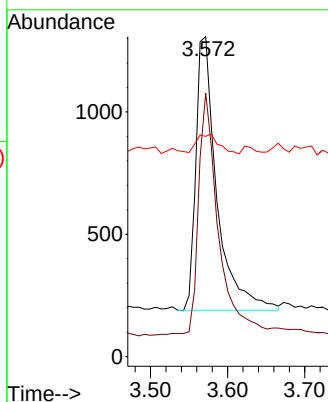
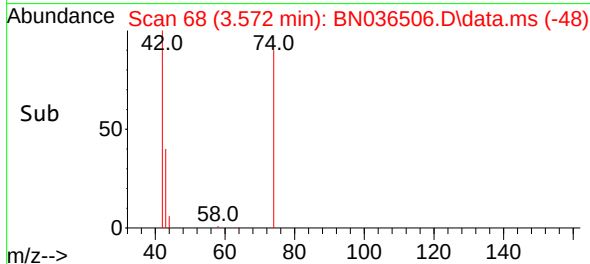
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion: 42 Resp: 211  
Ion Ratio Lower Upper  
42 100  
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44 7.5 7.8 11.6

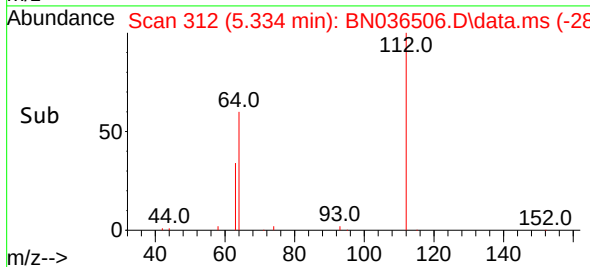
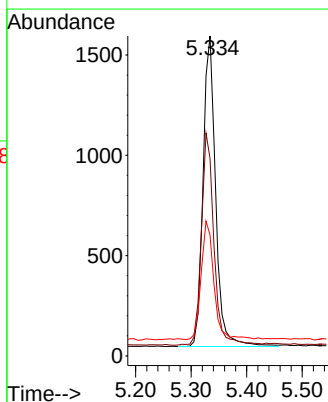
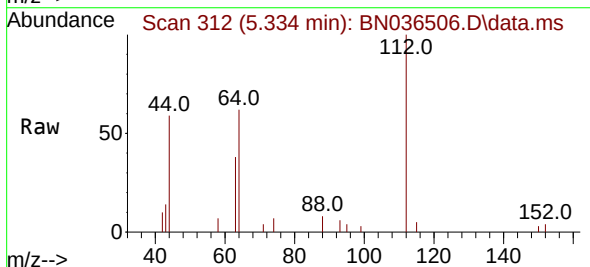
Manual Integrations  
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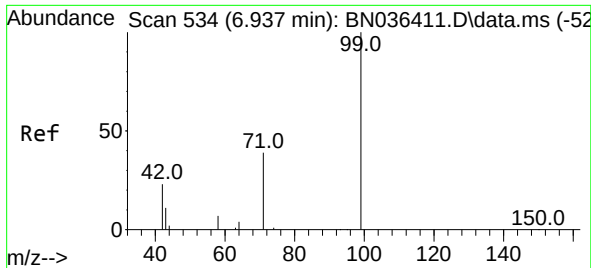
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025



#4  
2-Fluorophenol  
Concen: 0.381 ng  
RT: 5.334 min Scan# 312  
Delta R.T. -0.014 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

Tgt Ion:112 Resp: 2442  
Ion Ratio Lower Upper  
112 100  
64 68.2 53.4 80.0  
63 38.4 30.3 45.5





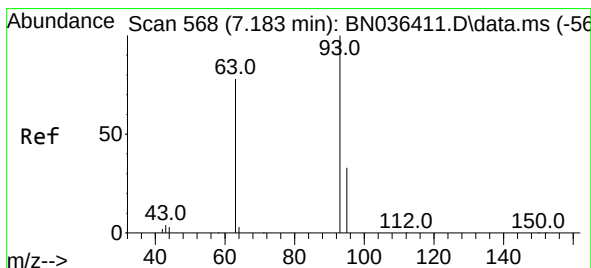
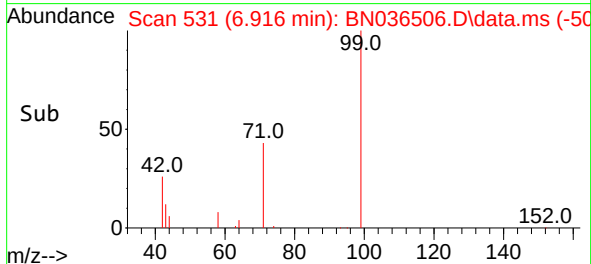
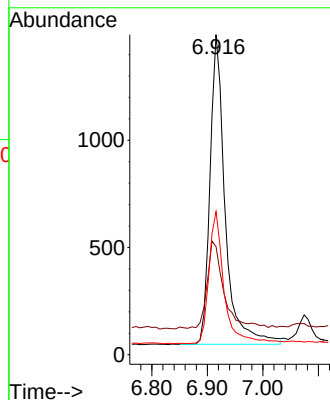
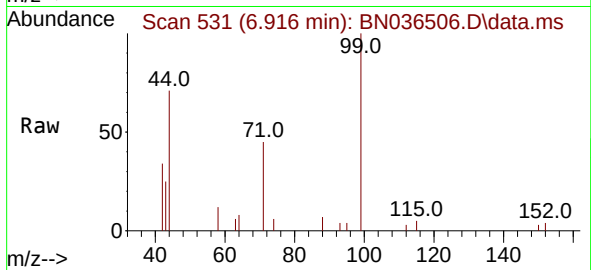
#5  
Phenol-d6  
Concen: 0.366 ng  
RT: 6.916 min Scan# 511  
Delta R.T. -0.022 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2752  
Ion Ratio Lower Upper  
99 100  
42 30.7 21.7 32.5  
71 42.5 32.6 49.0

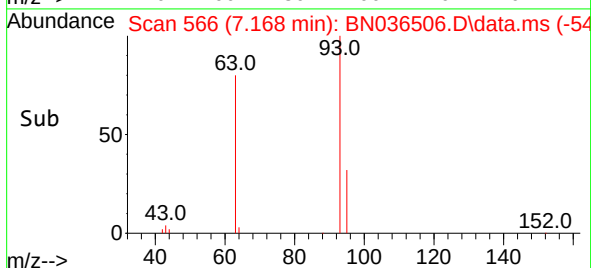
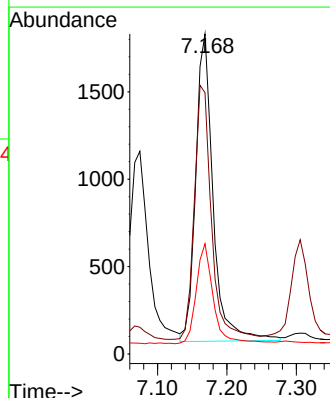
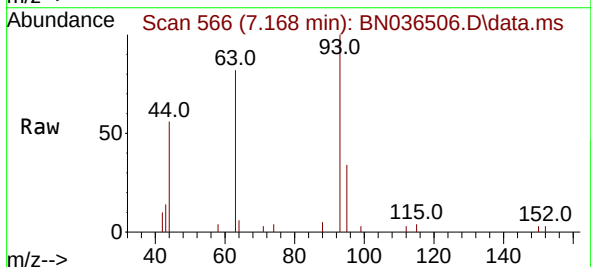
Manual Integrations  
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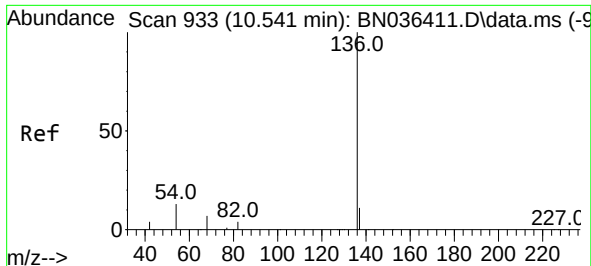
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025



#6  
bis(2-Chloroethyl)ether  
Concen: 0.389 ng  
RT: 7.168 min Scan# 566  
Delta R.T. -0.014 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

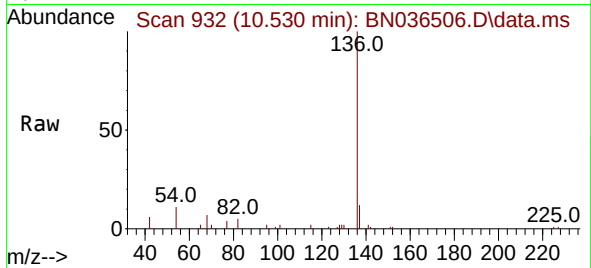
Tgt Ion: 93 Resp: 3062  
Ion Ratio Lower Upper  
93 100  
63 81.5 66.3 99.5  
95 32.0 26.2 39.4





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.530 min Scan# 911  
Delta R.T. -0.011 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

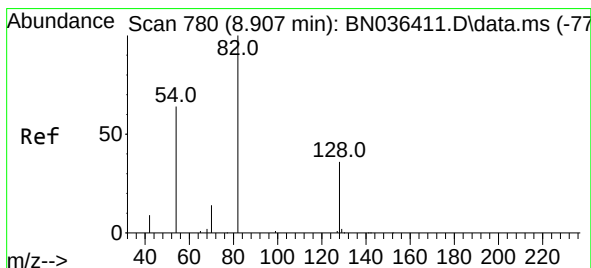
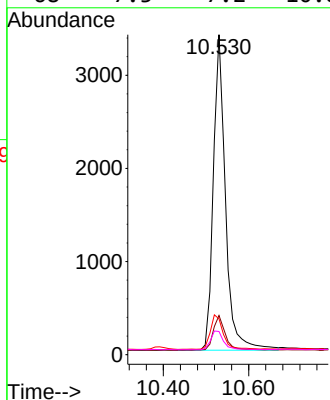
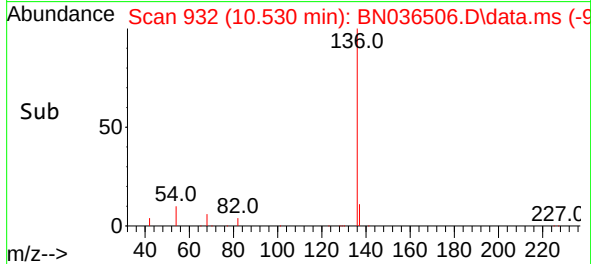
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:136 Resp: 670  
Ion Ratio Lower Upper  
136 100  
137 12.3 10.1 15.1  
54 11.2 11.8 17.6  
68 7.3 7.2 10.8

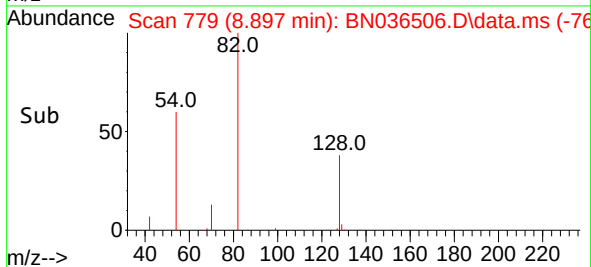
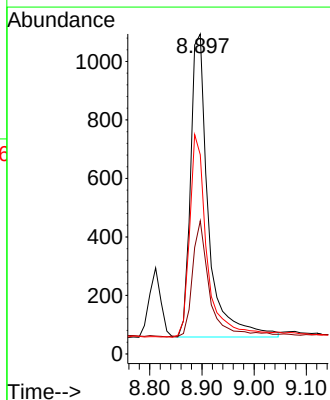
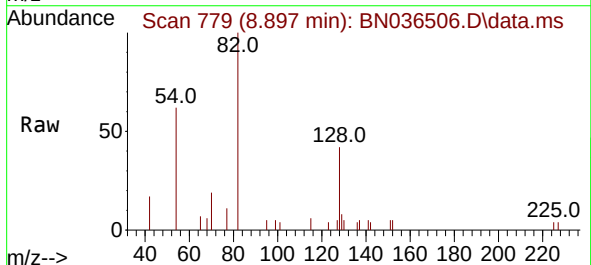
Manual Integrations  
APPROVED

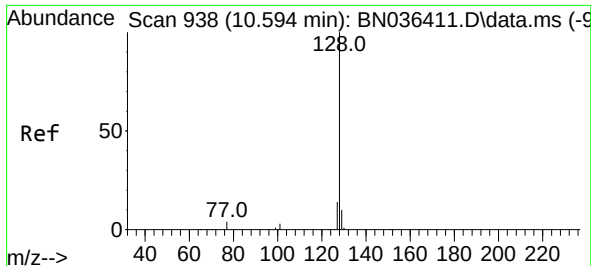
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025



#8  
Nitrobenzene-d5  
Concen: 0.373 ng  
RT: 8.897 min Scan# 779  
Delta R.T. -0.011 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

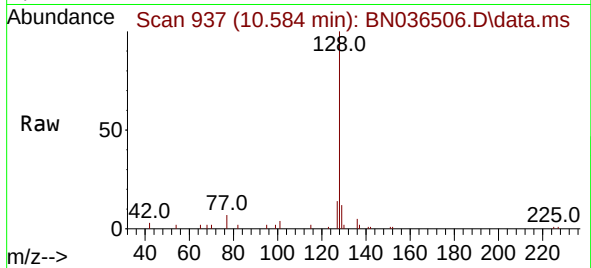
Tgt Ion: 82 Resp: 2464  
Ion Ratio Lower Upper  
82 100  
128 41.6 31.9 47.9  
54 62.2 53.1 79.7





#9  
Naphthalene  
Concen: 0.394 ng  
RT: 10.584 min Scan# 910  
Delta R.T. -0.011 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

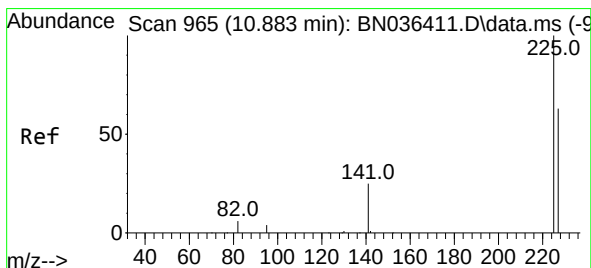
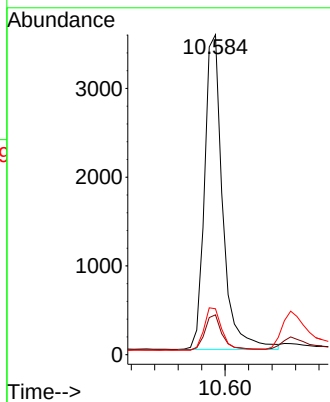
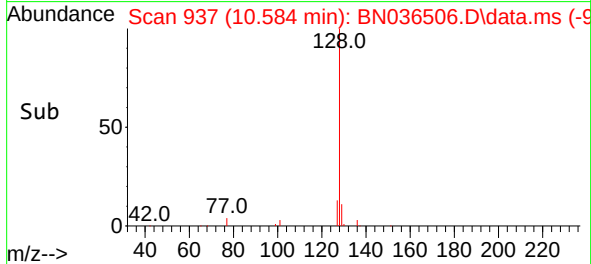
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



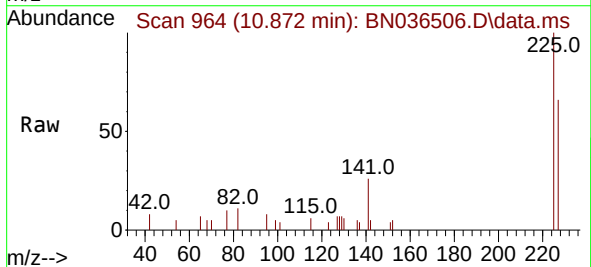
Tgt Ion:128 Resp: 7610  
Ion Ratio Lower Upper  
128 100  
129 12.5 9.6 14.4  
127 14.3 12.0 18.0

Manual Integrations  
APPROVED

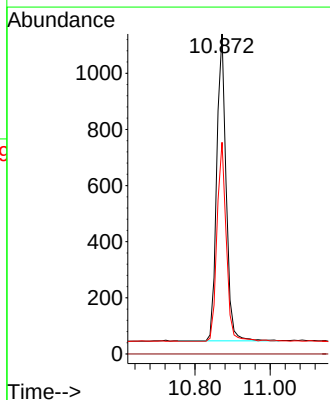
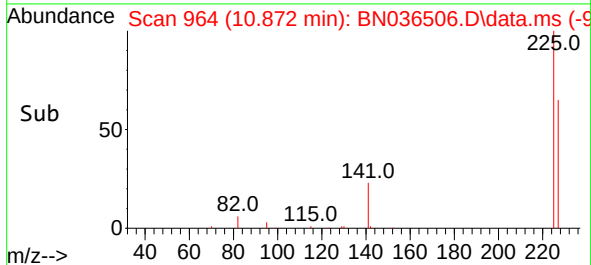
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025

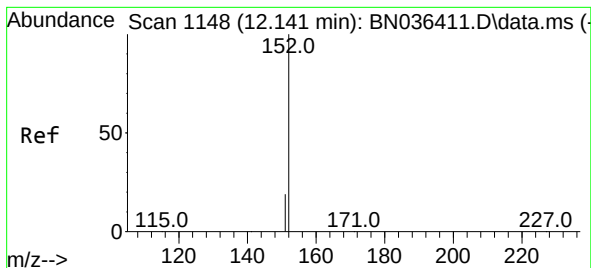


#10  
Hexachlorobutadiene  
Concen: 0.403 ng  
RT: 10.872 min Scan# 964  
Delta R.T. -0.011 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02



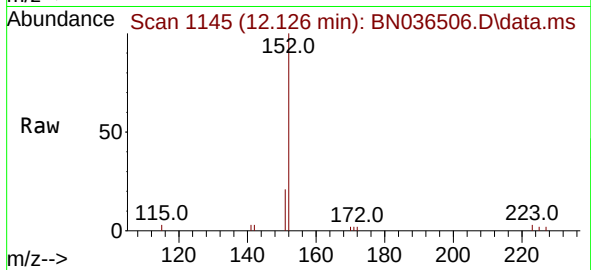
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Ion Ratio Lower Upper  
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223 0.0 0.0 0.0  
227 64.0 50.9 76.3





#11  
2-Methylnaphthalene-d10  
Concen: 0.394 ng  
RT: 12.126 min Scan# 1145  
Delta R.T. -0.015 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

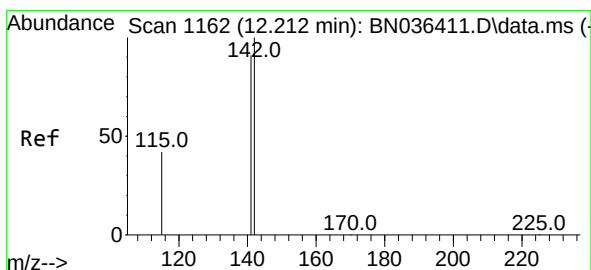
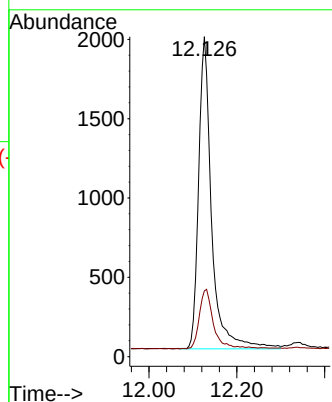
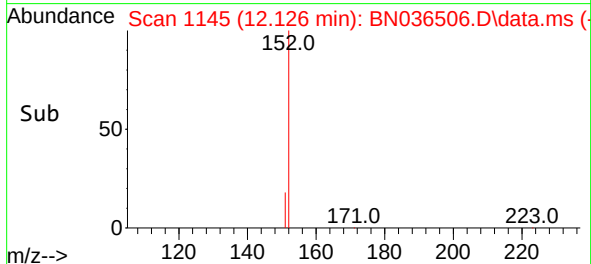
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:152 Resp: 4063  
Ion Ratio Lower Upper  
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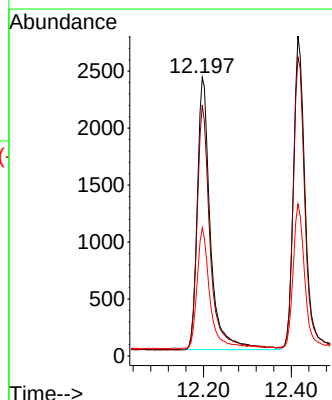
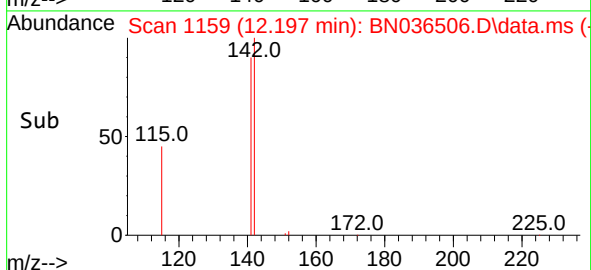
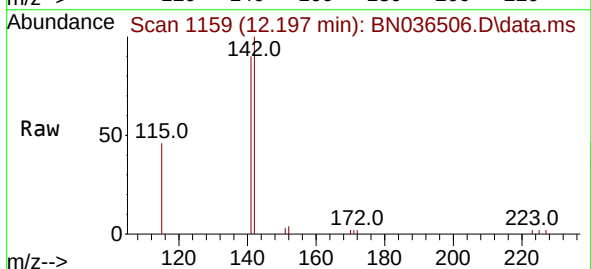
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Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025

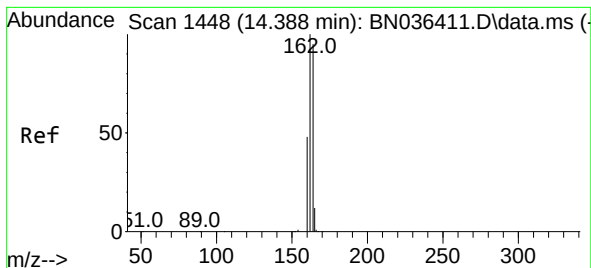


#12  
2-Methylnaphthalene  
Concen: 0.393 ng  
RT: 12.197 min Scan# 1159  
Delta R.T. -0.015 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

Tgt Ion:142 Resp: 4983  
Ion Ratio Lower Upper  
142 100  
141 90.1 72.8 109.2  
115 46.0 35.5 53.3

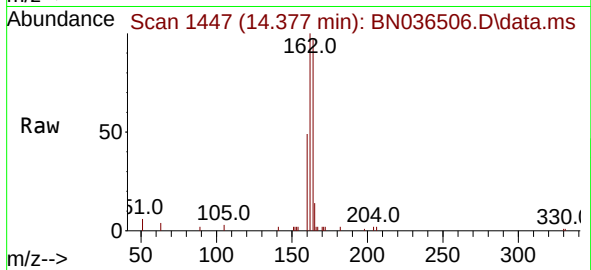






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.377 min Scan# 1447  
Delta R.T. -0.011 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

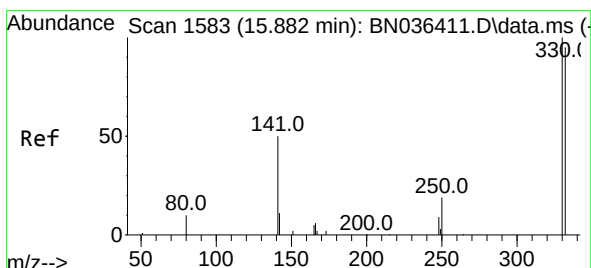
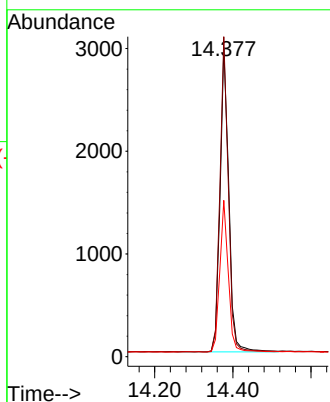
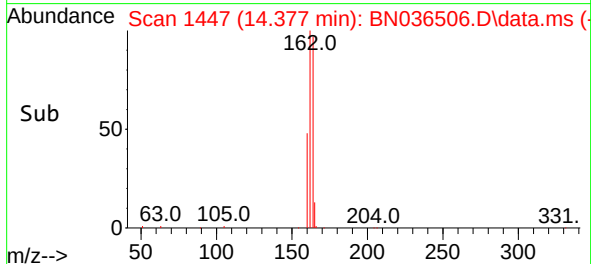
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



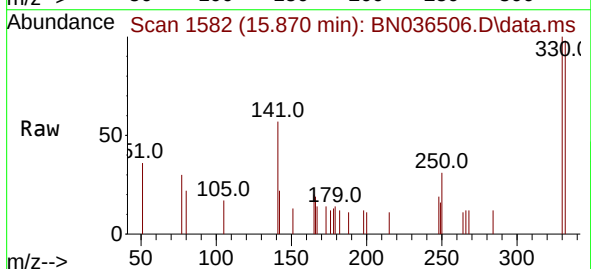
Tgt Ion:164 Resp: 455  
Ion Ratio Lower Upper  
164 100  
162 103.5 84.1 126.1  
160 50.6 41.4 62.0

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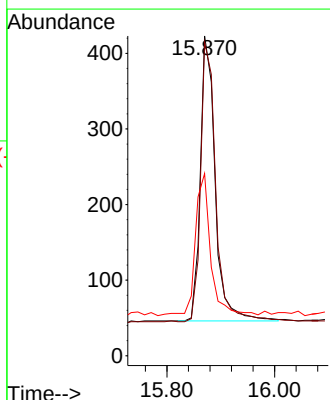
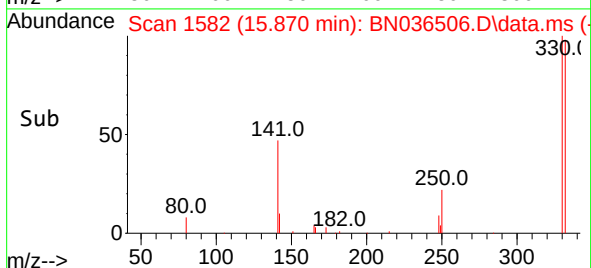
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025

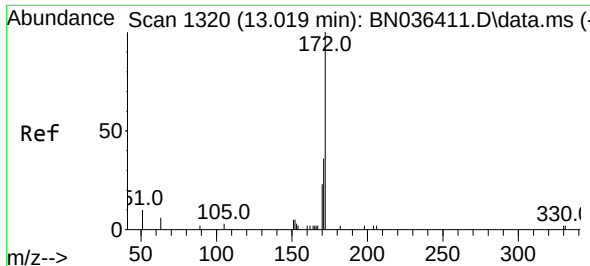


#14  
2,4,6-Tribromophenol  
Concen: 0.320 ng  
RT: 15.870 min Scan# 1582  
Delta R.T. -0.012 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02



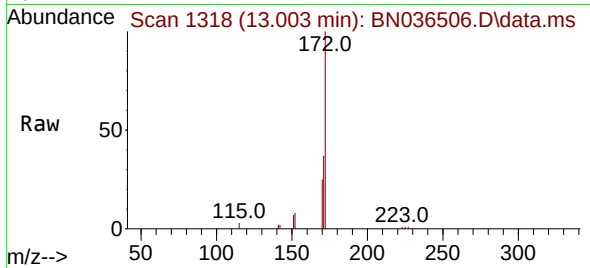
Tgt Ion:330 Resp: 721  
Ion Ratio Lower Upper  
330 100  
332 101.0 76.6 114.8  
141 51.6 37.8 56.8





#15  
2-Fluorobiphenyl  
Concen: 0.461 ng  
RT: 13.003 min Scan# 11  
Delta R.T. -0.016 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

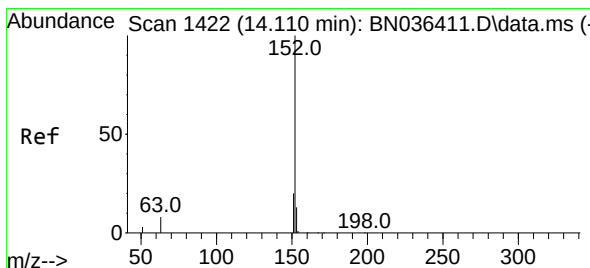
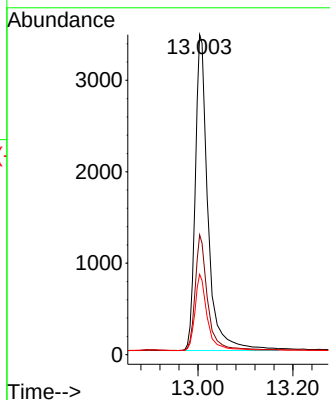
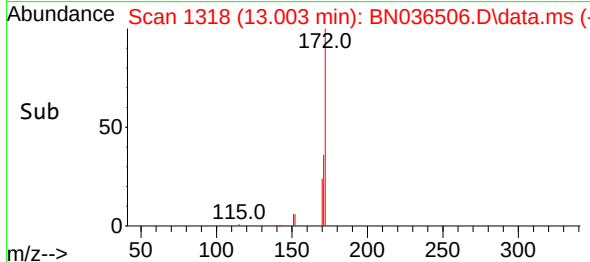
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:172 Resp: 788  
Ion Ratio Lower Upper  
172 100  
171 37.4 29.6 44.4  
170 25.1 19.8 29.6

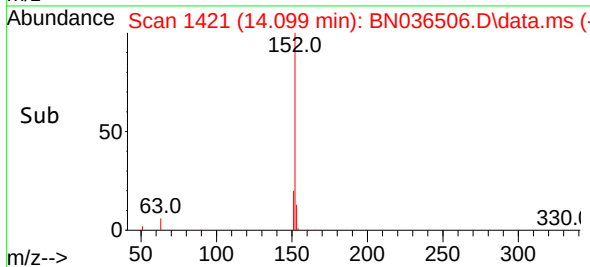
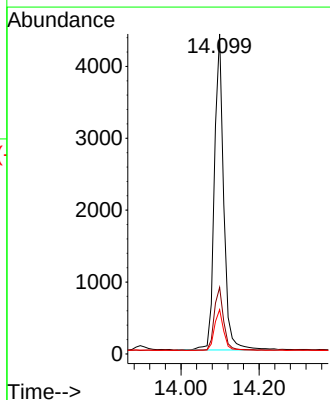
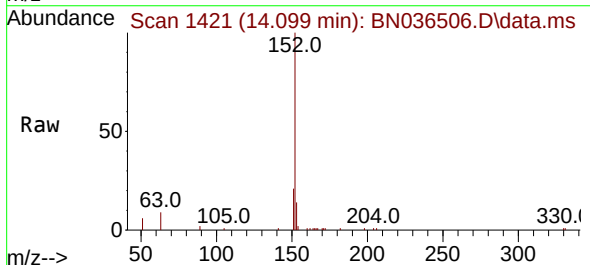
Manual Integrations  
APPROVED

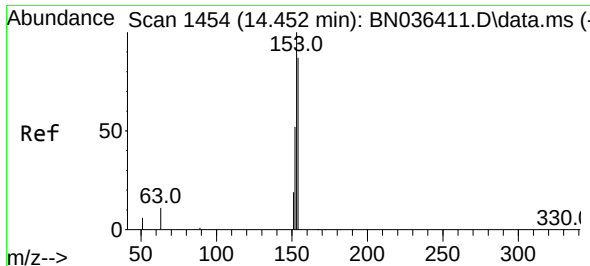
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025



#16  
Acenaphthylene  
Concen: 0.361 ng  
RT: 14.099 min Scan# 1421  
Delta R.T. -0.011 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

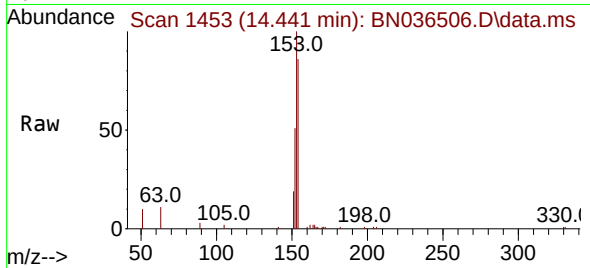
Tgt Ion:152 Resp: 7258  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.8 23.8  
153 13.2 10.2 15.2





#17  
Acenaphthene  
Concen: 0.369 ng  
RT: 14.441 min Scan# 1453  
Delta R.T. -0.011 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

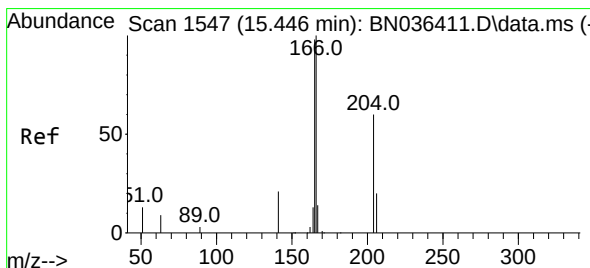
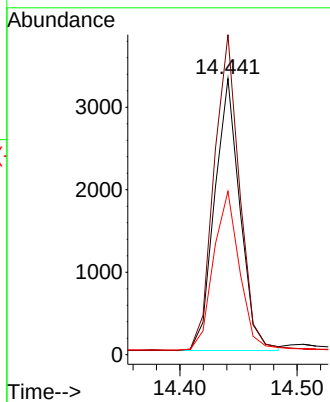
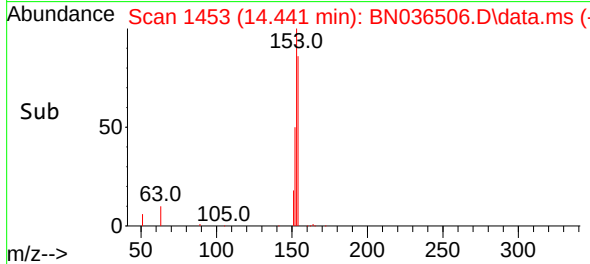
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:154 Resp: 495  
Ion Ratio Lower Upper  
154 100  
153 117.9 93.3 139.9  
152 60.7 48.8 73.2

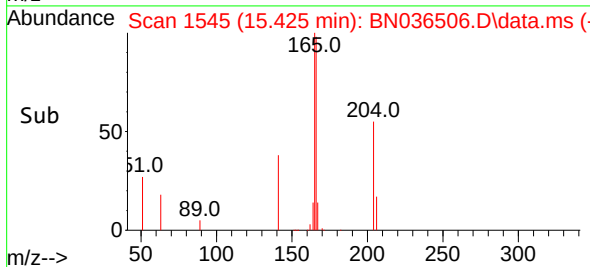
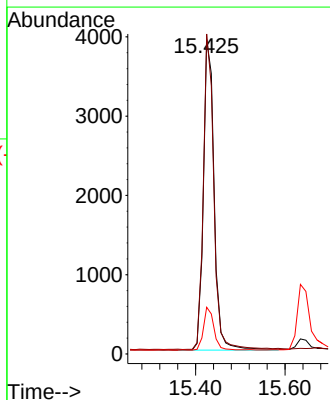
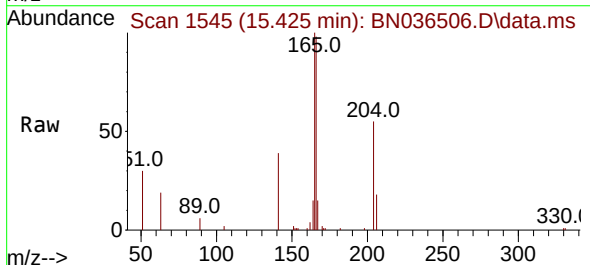
Manual Integrations  
APPROVED

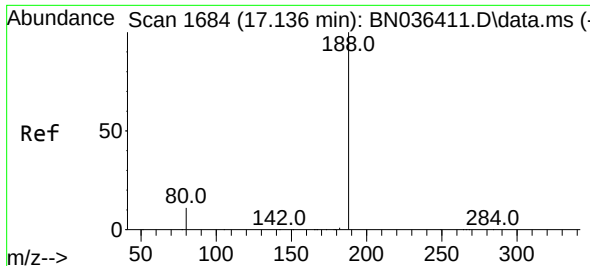
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025



#18  
Fluorene  
Concen: 0.360 ng  
RT: 15.425 min Scan# 1545  
Delta R.T. -0.021 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

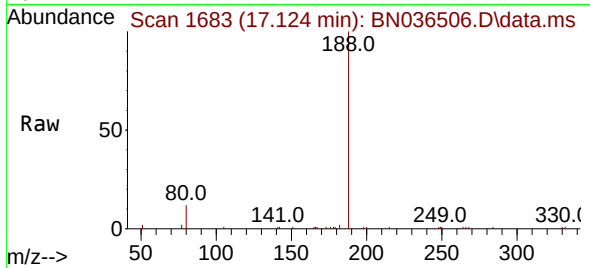
Tgt Ion:166 Resp: 6880  
Ion Ratio Lower Upper  
166 100  
165 98.5 79.5 119.3  
167 12.7 10.4 15.6





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.124 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

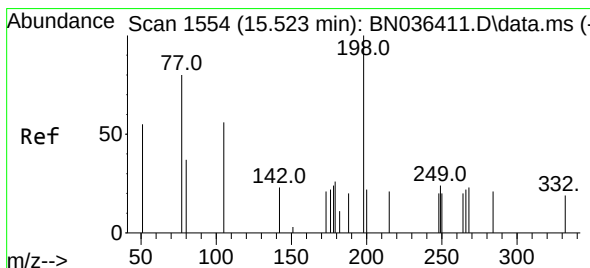
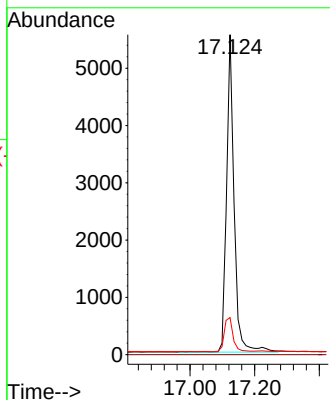
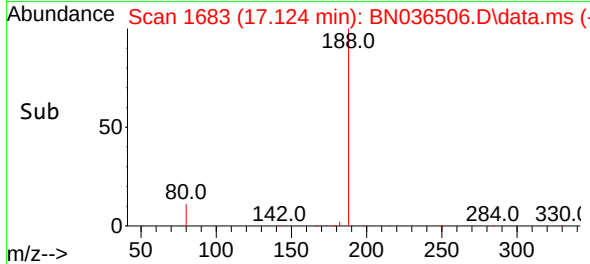
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



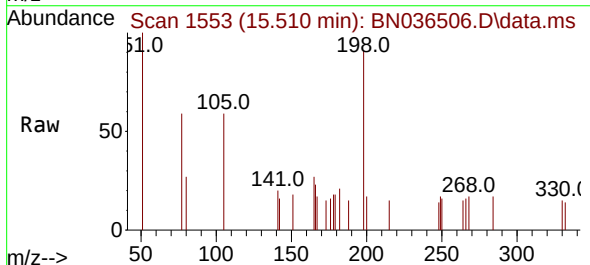
Tgt Ion:188 Resp: 896  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.6 9.8 14.6

Manual Integrations  
APPROVED

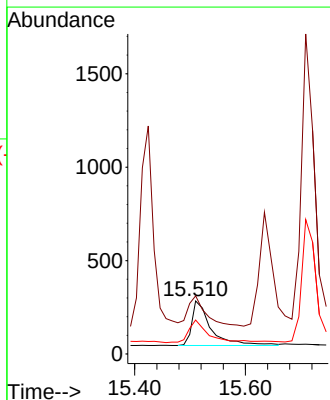
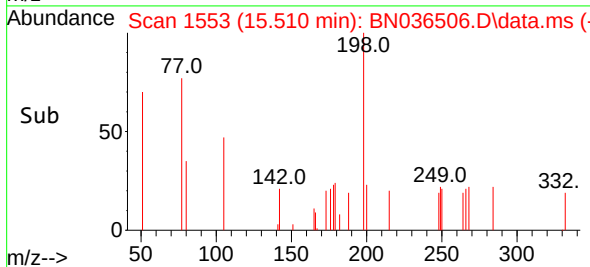
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025

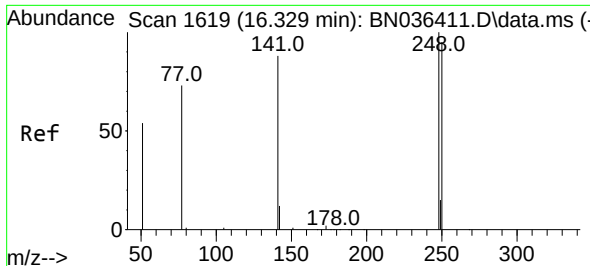


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.326 ng  
RT: 15.510 min Scan# 1553  
Delta R.T. -0.013 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02



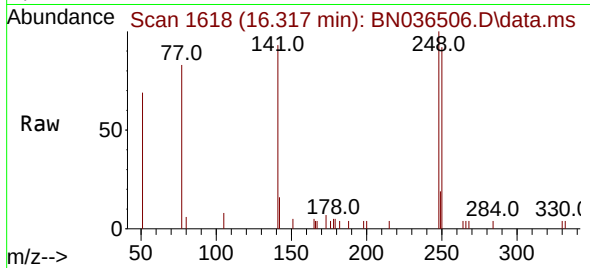
Tgt Ion:198 Resp: 573  
Ion Ratio Lower Upper  
198 100  
51 109.5 86.6 129.8  
105 64.1 57.5 86.3





#21  
4-Bromophenyl-phenylether  
Concen: 0.402 ng  
RT: 16.317 min Scan# 1618  
Delta R.T. -0.012 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

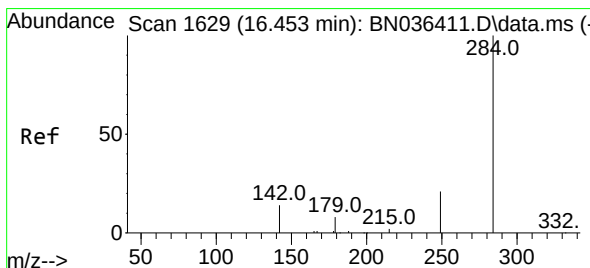
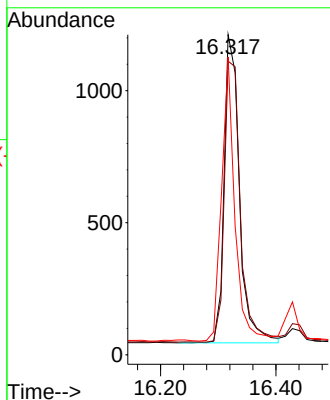
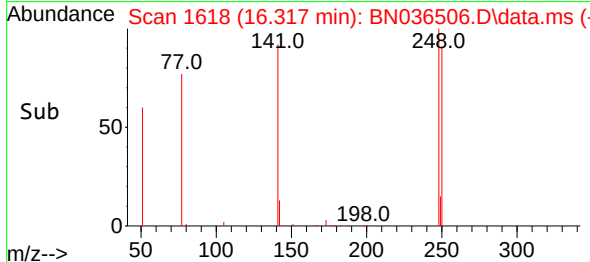
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:248 Resp: 2149  
Ion Ratio Lower Upper  
248 100  
250 91.7 76.1 114.1  
141 93.1 71.7 107.5

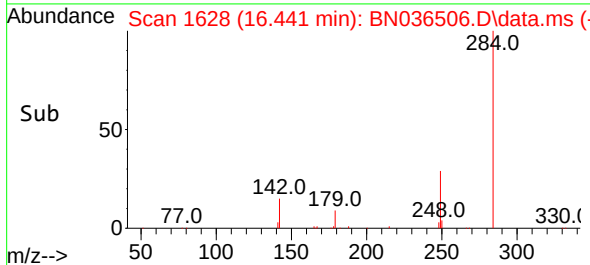
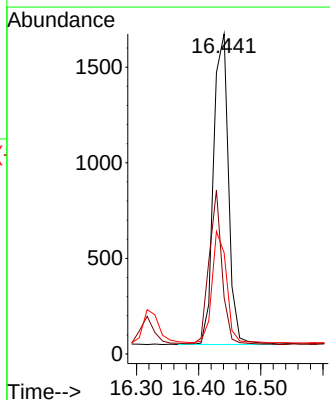
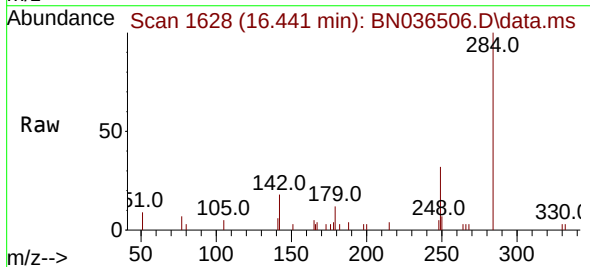
Manual Integrations  
APPROVED

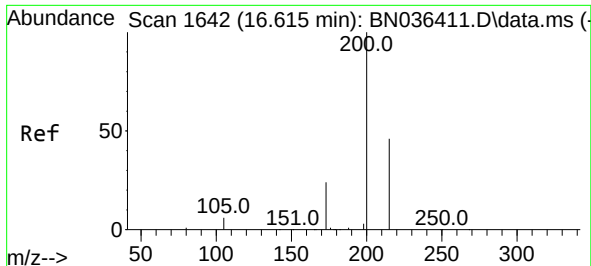
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025



#22  
Hexachlorobenzene  
Concen: 0.411 ng  
RT: 16.441 min Scan# 1628  
Delta R.T. -0.012 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

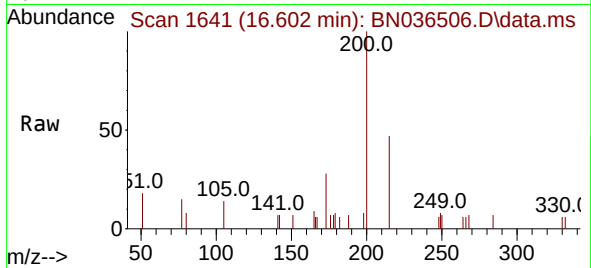
Tgt Ion:284 Resp: 2715  
Ion Ratio Lower Upper  
284 100  
142 43.2 33.4 50.0  
249 35.1 28.6 43.0





#23  
Atrazine  
Concen: 0.372 ng  
RT: 16.602 min Scan# 1641  
Delta R.T. -0.012 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

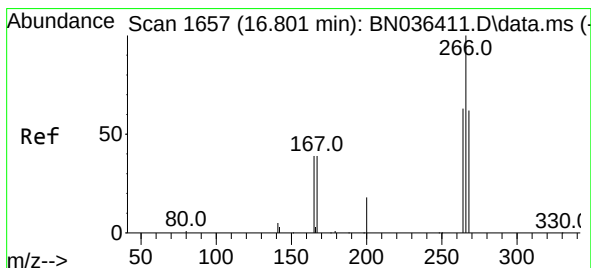
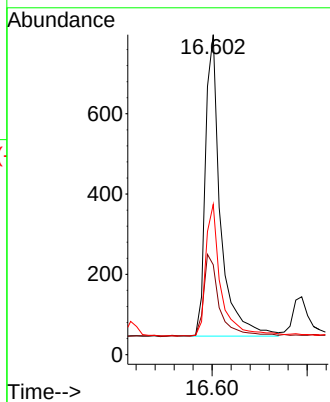
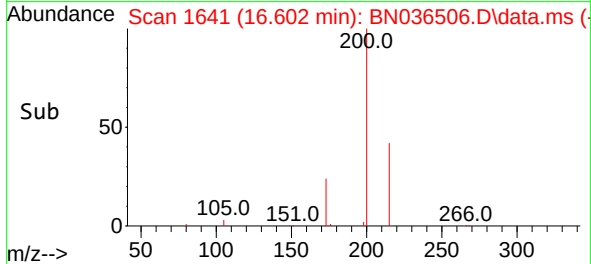
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



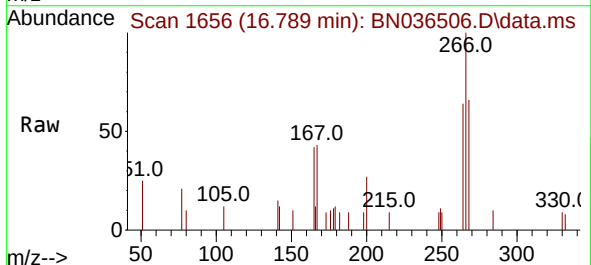
Tgt Ion:200 Resp: 1660  
Ion Ratio Lower Upper  
200 100  
173 28.1 23.2 34.8  
215 46.9 40.0 60.0

Manual Integrations  
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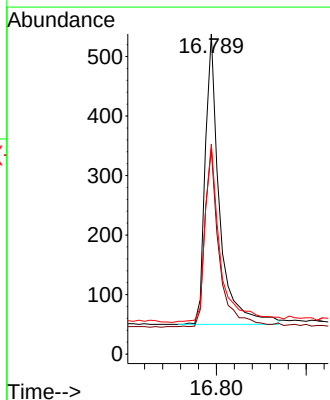
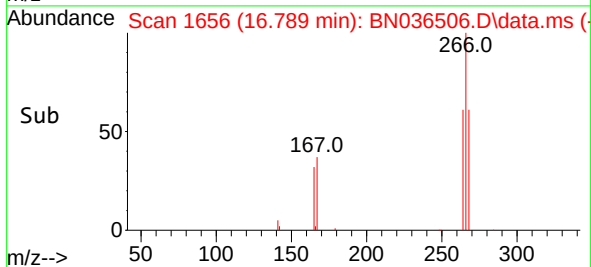
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025

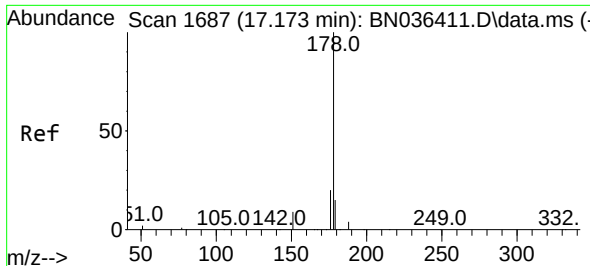


#24  
Pentachlorophenol  
Concen: 0.344 ng  
RT: 16.789 min Scan# 1656  
Delta R.T. -0.012 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02



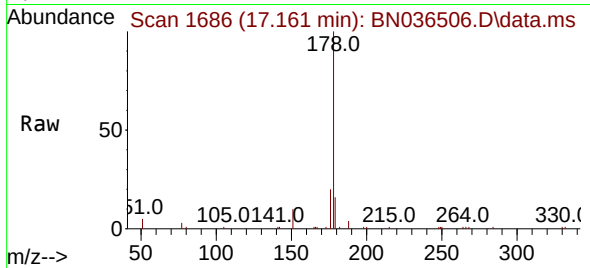
Tgt Ion:266 Resp: 1078  
Ion Ratio Lower Upper  
266 100  
264 62.6 50.6 76.0  
268 65.3 51.9 77.9





#25  
Phenanthrene  
Concen: 0.383 ng  
RT: 17.161 min Scan# 1686  
Delta R.T. -0.012 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

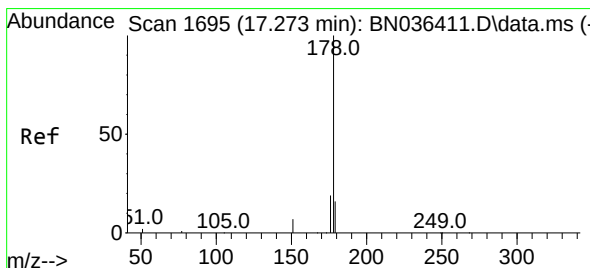
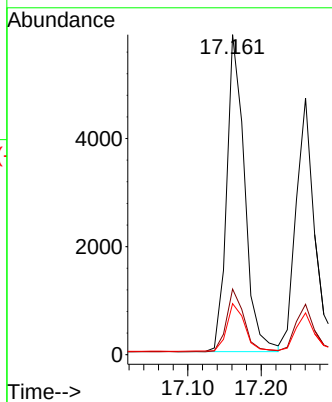
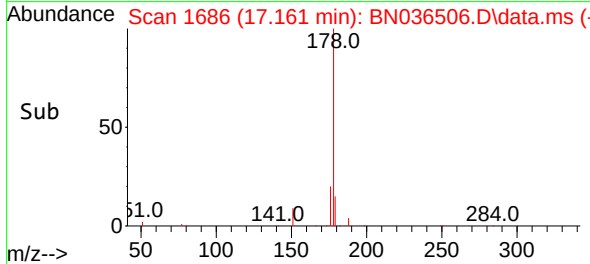
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



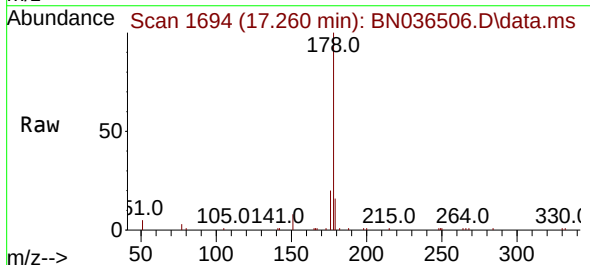
Tgt Ion:178 Resp: 992  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.7 23.5  
179 15.3 12.4 18.6

Manual Integrations  
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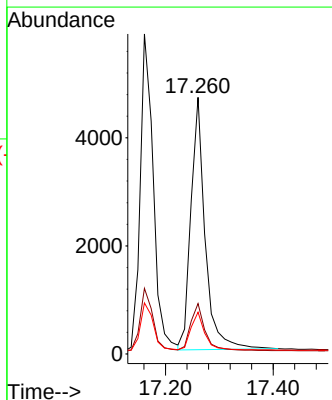
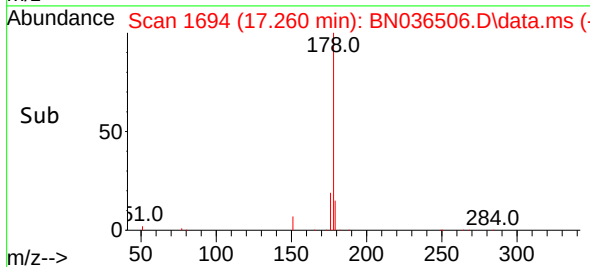
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025

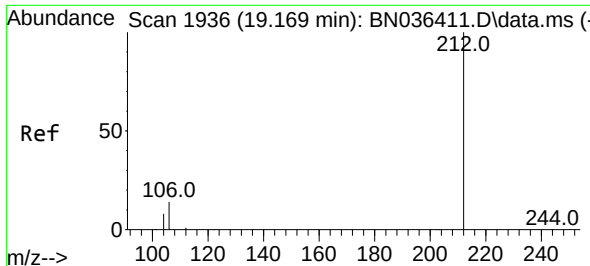


#26  
Anthracene  
Concen: 0.376 ng  
RT: 17.260 min Scan# 1694  
Delta R.T. -0.012 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02



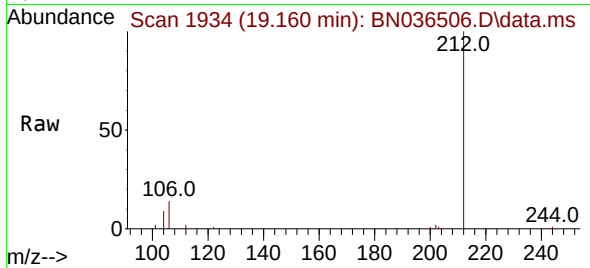
Tgt Ion:178 Resp: 8595  
Ion Ratio Lower Upper  
178 100  
176 19.1 14.9 22.3  
179 15.2 12.4 18.6





#27  
Fluoranthene-d10  
Concen: 0.346 ng  
RT: 19.160 min Scan# 1936  
Delta R.T. -0.009 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

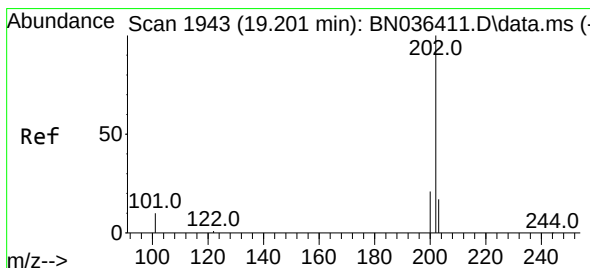
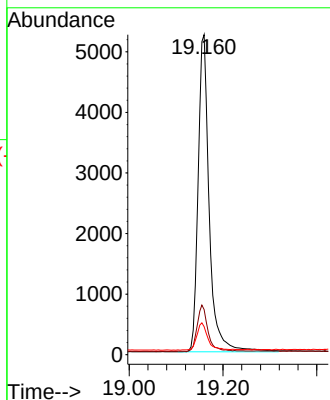
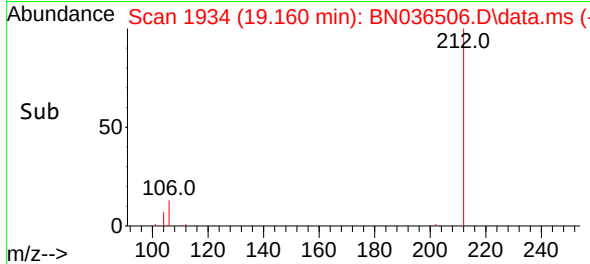
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



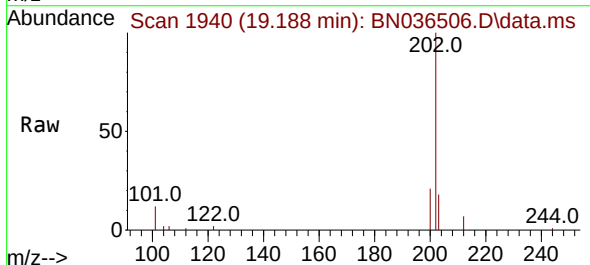
Tgt Ion:212 Resp: 861  
Ion Ratio Lower Upper  
212 100  
106 14.1 11.5 17.3  
104 8.5 7.1 10.7

Manual Integrations  
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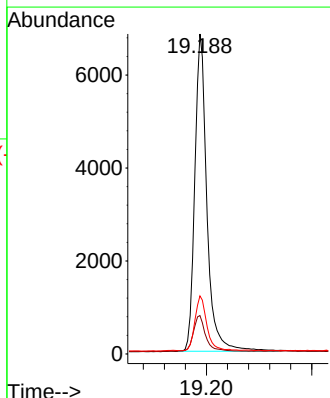
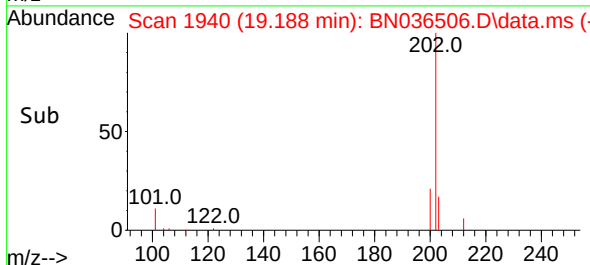
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025



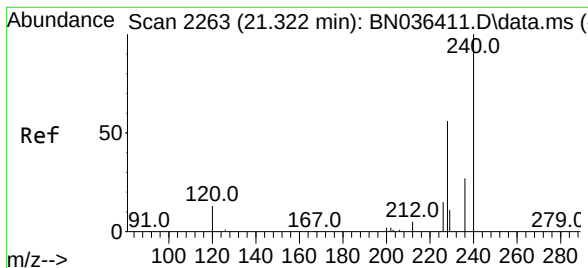
#28  
Fluoranthene  
Concen: 0.343 ng  
RT: 19.188 min Scan# 1940  
Delta R.T. -0.014 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02



Tgt Ion:202 Resp: 10908  
Ion Ratio Lower Upper  
202 100  
101 11.7 9.2 13.8  
203 17.0 13.4 20.0







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.313 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN036506.D

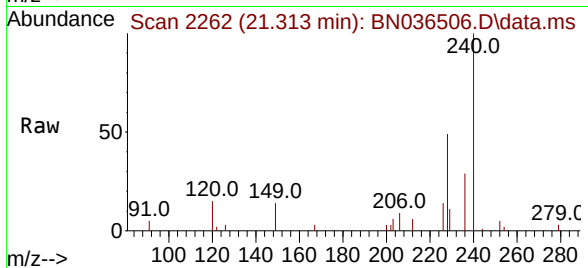
Acq: 24 Feb 2025 20:02

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



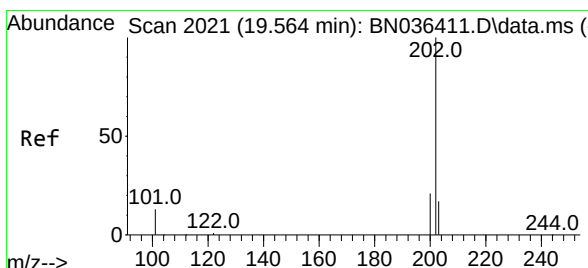
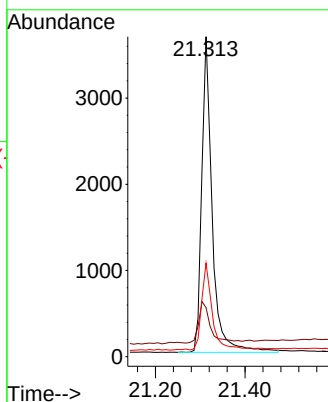
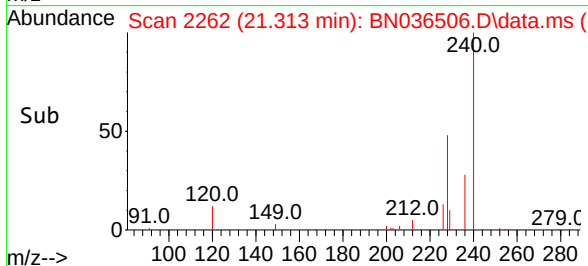
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 240   | Resp: | 594  |
| Ion Ratio | Lower | Upper |      |
| 240       | 100   |       |      |
| 120       | 15.4  | 13.3  | 19.9 |
| 236       | 29.3  | 23.0  | 34.6 |

Manual Integrations

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Reviewed By :Rahul Chavli 02/25/2025

Supervised By :mohammad ahmed 02/28/2025



#30

Pyrene

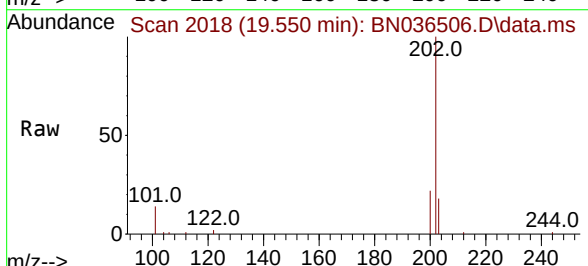
Concen: 0.483 ng

RT: 19.550 min Scan# 2018

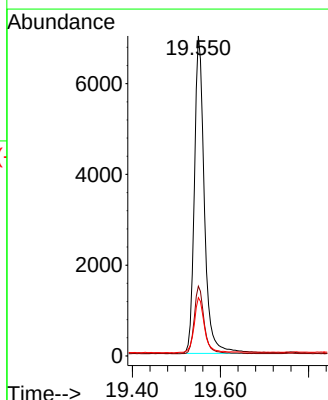
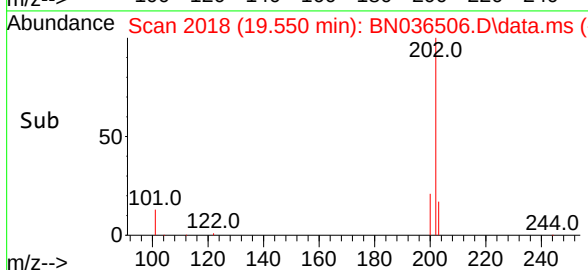
Delta R.T. -0.014 min

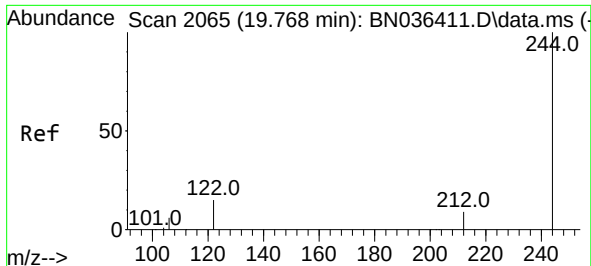
Lab File: BN036506.D

Acq: 24 Feb 2025 20:02



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 11046 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 21.2  | 16.9  | 25.3  |
| 203       | 17.9  | 13.9  | 20.9  |





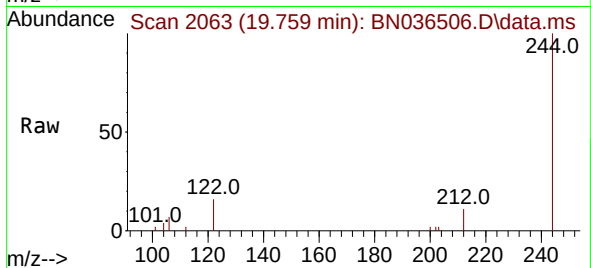
#31  
 Terphenyl-d14  
 Concen: 0.462 ng  
 RT: 19.759 min Scan# 2063  
 Delta R.T. -0.009 min  
 Lab File: BN036506.D  
 Acq: 24 Feb 2025 20:02

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

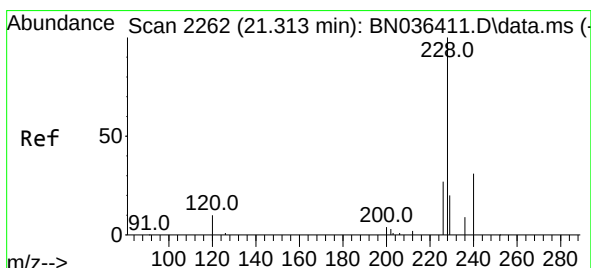
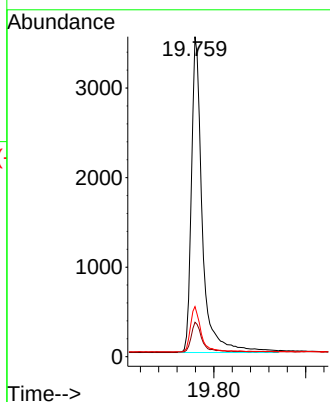
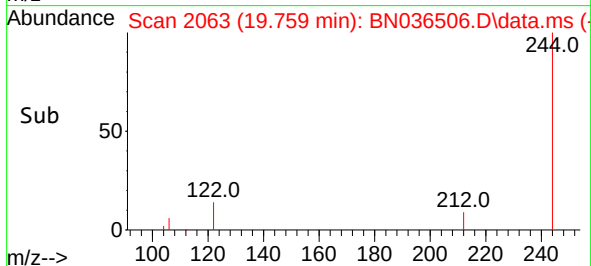


Tgt Ion:244 Resp: 586  
 Ion Ratio Lower Upper  
 244 100  
 212 10.8 8.1 12.1  
 122 15.6 12.8 19.2

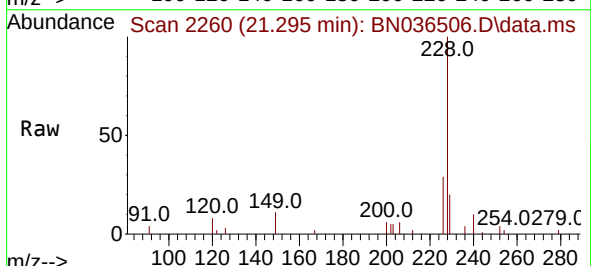
Manual Integrations

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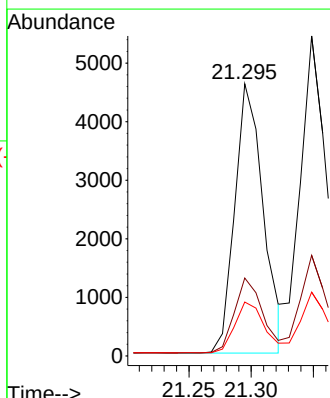
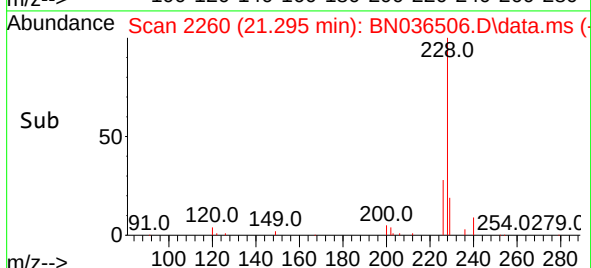
Reviewed By :Rahul Chavli 02/25/2025  
 Supervised By :mohammad ahmed 02/28/2025

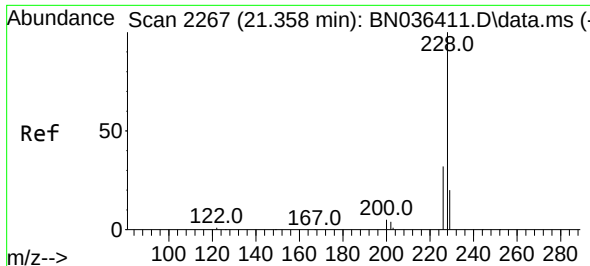


#32  
 Benzo(a)anthracene  
 Concen: 0.374 ng  
 RT: 21.295 min Scan# 2260  
 Delta R.T. -0.018 min  
 Lab File: BN036506.D  
 Acq: 24 Feb 2025 20:02



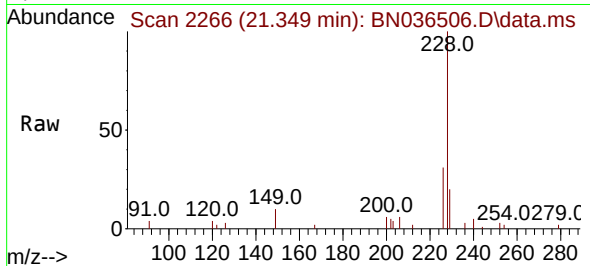
Tgt Ion:228 Resp: 7322  
 Ion Ratio Lower Upper  
 228 100  
 226 28.6 22.2 33.2  
 229 19.8 16.5 24.7





#33  
Chrysene  
Concen: 0.420 ng  
RT: 21.349 min Scan# 21349  
Delta R.T. -0.009 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

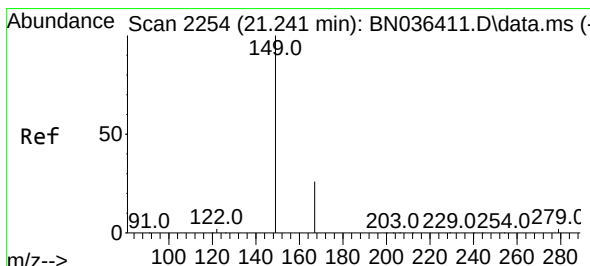
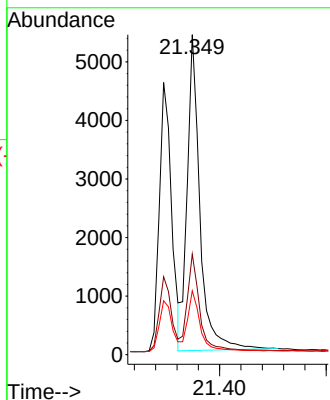
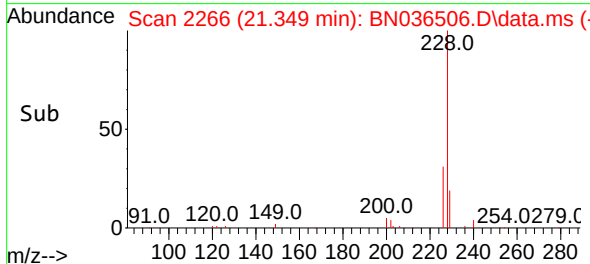
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:228 Resp: 888  
Ion Ratio Lower Upper  
228 100  
226 31.5 25.5 38.3  
229 20.0 16.4 24.6

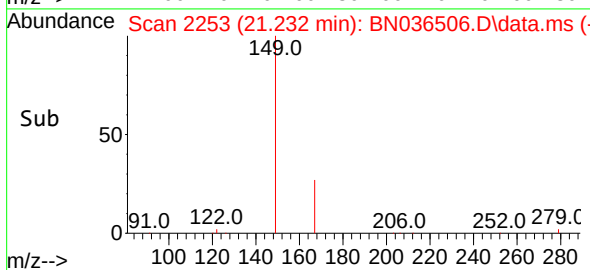
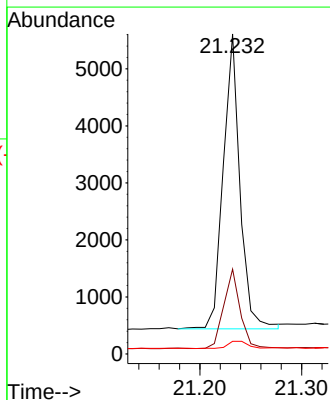
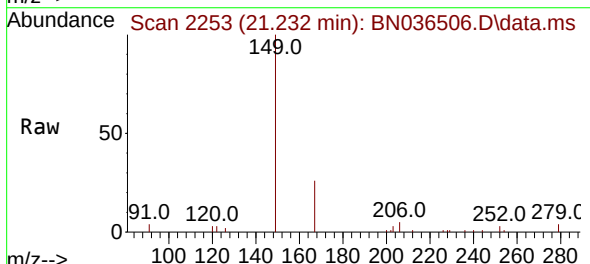
Manual Integrations  
APPROVED

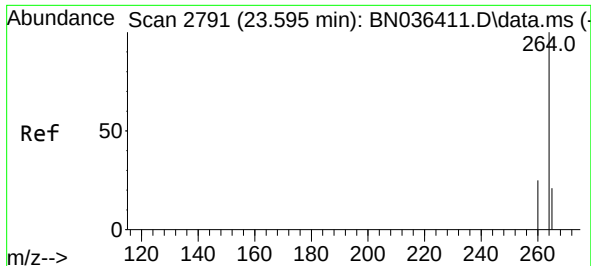
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.484 ng  
RT: 21.232 min Scan# 2253  
Delta R.T. -0.009 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

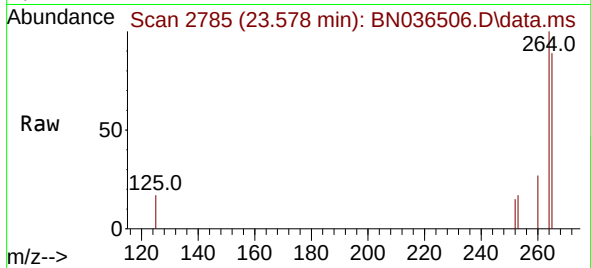
Tgt Ion:149 Resp: 5891  
Ion Ratio Lower Upper  
149 100  
167 26.6 21.2 31.8  
279 3.1 2.7 4.1





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.578 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

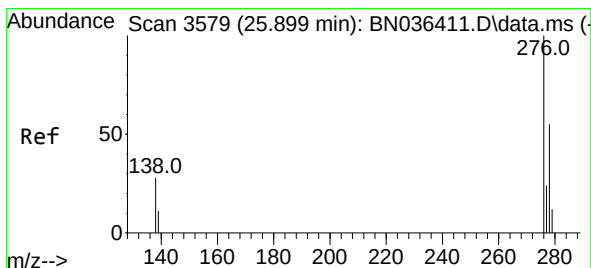
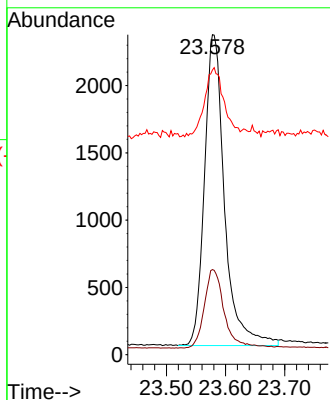
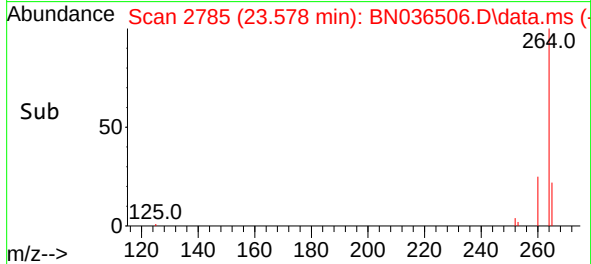
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



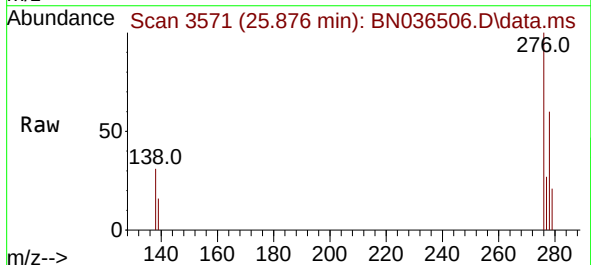
Tgt Ion:264 Resp: 5454  
Ion Ratio Lower Upper  
264 100  
260 26.6 20.9 31.3  
265 88.9 60.7 91.1

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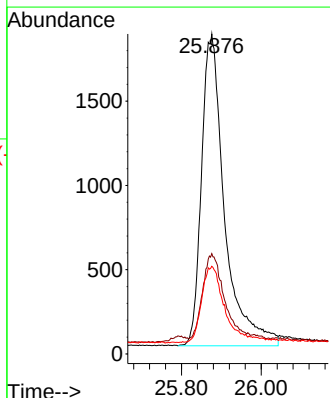
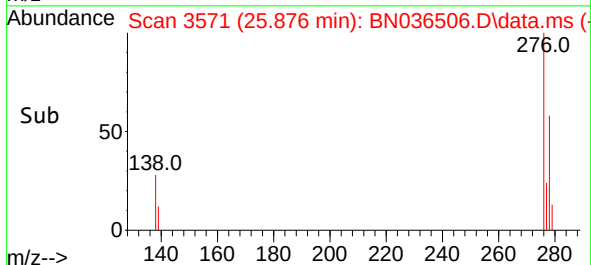
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025

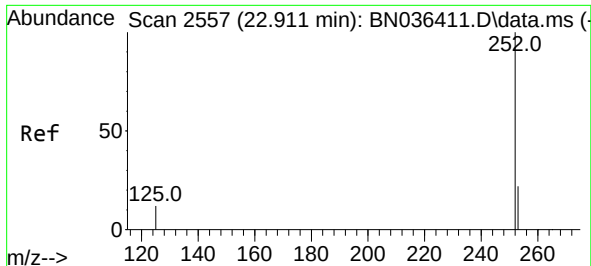


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.389 ng  
RT: 25.876 min Scan# 3571  
Delta R.T. -0.023 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02



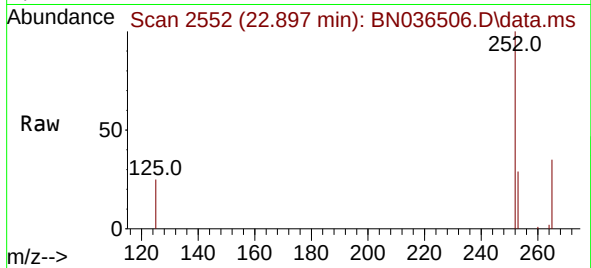
Tgt Ion:276 Resp: 7424  
Ion Ratio Lower Upper  
276 100  
138 25.6 22.2 33.2  
277 23.2 19.8 29.6





#37  
Benzo(b)fluoranthene  
Concen: 0.422 ng m  
RT: 22.897 min Scan# 2552  
Delta R.T. -0.015 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

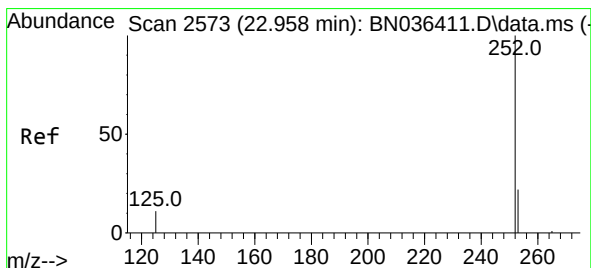
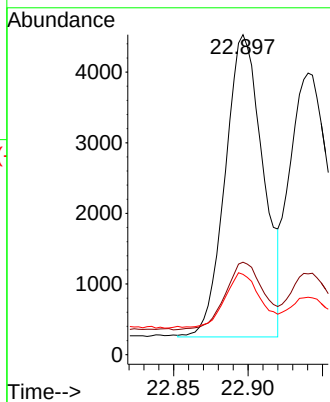
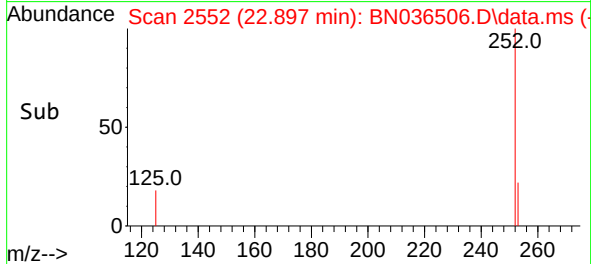
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:252 Resp: 7574  
Ion Ratio Lower Upper  
252 100  
253 28.9 21.9 32.9  
125 25.1 15.0 22.6

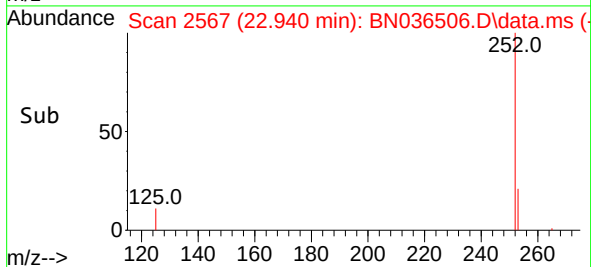
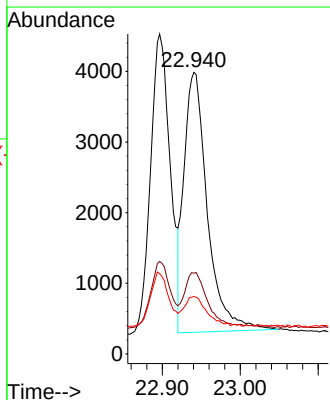
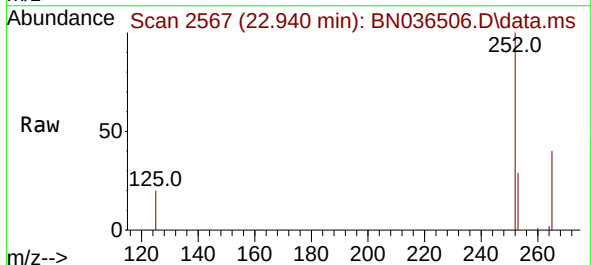
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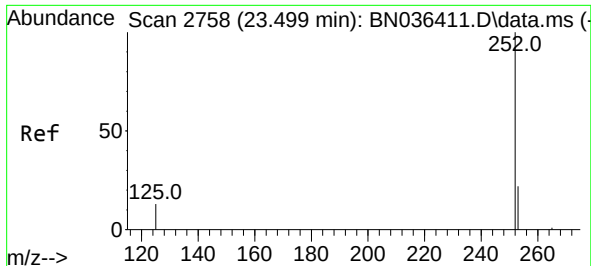
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025



#38  
Benzo(k)fluoranthene  
Concen: 0.414 ng  
RT: 22.940 min Scan# 2567  
Delta R.T. -0.018 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

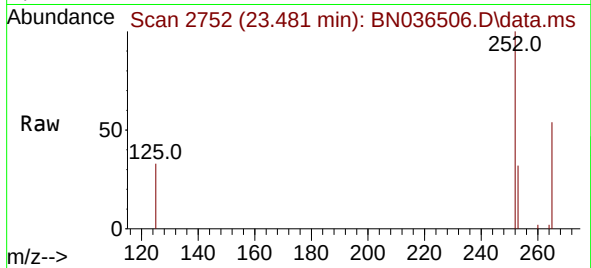
Tgt Ion:252 Resp: 7652  
Ion Ratio Lower Upper  
252 100  
253 28.7 22.2 33.4  
125 20.4 15.0 22.4





#39  
Benzo(a)pyrene  
Concen: 0.408 ng  
RT: 23.481 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

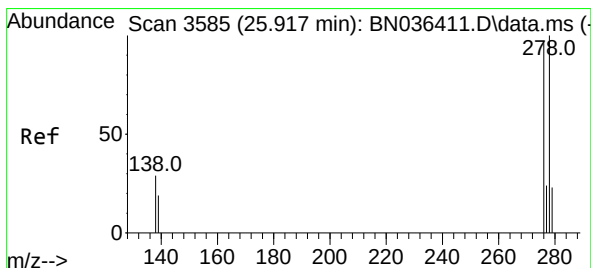
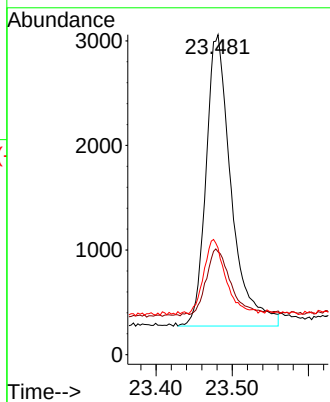
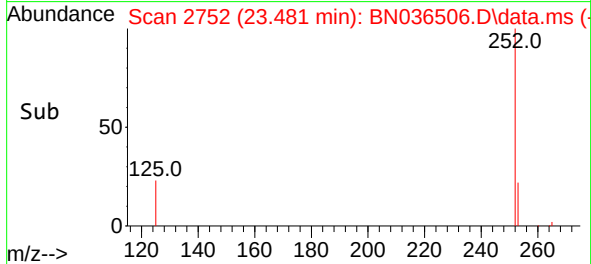
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:252 Resp: 6394  
Ion Ratio Lower Upper  
252 100  
253 32.2 24.4 36.6  
125 33.3 18.2 27.2

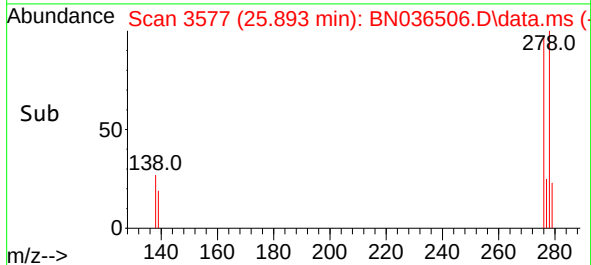
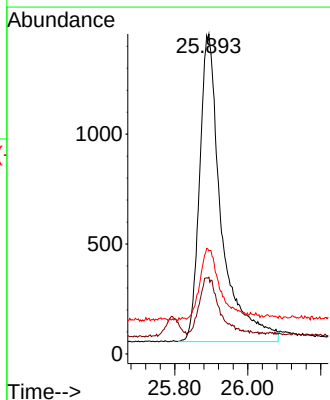
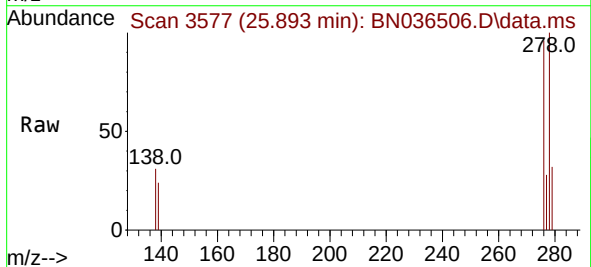
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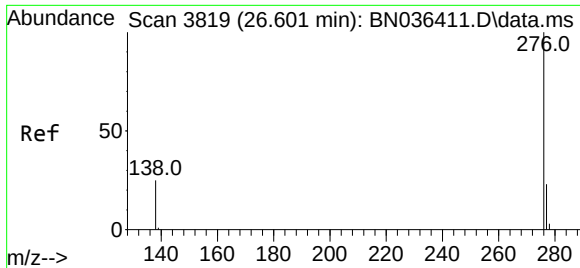
Reviewed By :Rahul Chavli 02/25/2025  
Supervised By :mohammad ahmed 02/28/2025



#40  
Dibenzo(a,h)anthracene  
Concen: 0.385 ng  
RT: 25.893 min Scan# 3577  
Delta R.T. -0.023 min  
Lab File: BN036506.D  
Acq: 24 Feb 2025 20:02

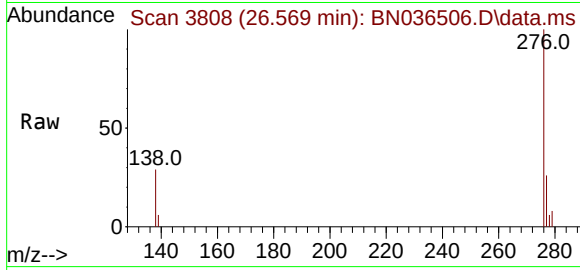
Tgt Ion:278 Resp: 5795  
Ion Ratio Lower Upper  
278 100  
139 24.0 18.5 27.7  
279 32.2 24.8 37.2





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.382 ng  
 RT: 26.569 min Scan# 3808  
 Delta R.T. -0.032 min  
 Lab File: BN036506.D  
 Acq: 24 Feb 2025 20:02

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion: 276 Resp: 651  
 Ion Ratio Lower Upper  
 276 100  
 277 26.0 20.7 31.1  
 138 29.1 21.8 32.6

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 02/25/2025  
 Supervised By :mohammad ahmed 02/28/2025

