

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112524\  
 Data File : BN035300.D  
 Acq On : 26 Nov 2024 03:14  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 76 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024  
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 04:38:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 26 02:36:08 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.315  | 152  | 3805     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.063 | 136  | 8746     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 13.973 | 164  | 4650     | 0.400 | ng    | # 0.00   |
| 19) Phenanthrene-d10          | 16.741 | 188  | 8944     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.006 | 240  | 871      | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.075 | 264  | 8001     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.968  | 112  | 3847     | 0.535 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.513  | 99   | 4573     | 0.455 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.450  | 82   | 1856m    | 0.262 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.663 | 152  | 4853     | 0.396 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.480 | 330  | 969      | 0.408 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.604 | 172  | 795      | 0.310 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.790 | 212  | 8444     | 0.353 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.422 | 244  | 5811     | 0.361 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.003  | 88   | 1488     | 0.544 | ng    | # 71     |
| 3) n-Nitrosodimethylamine     | 3.299  | 42   | 1097     | 0.387 | ng    | # 64     |
| 6) bis(2-Chloroethyl)ether    | 6.766  | 93   | 3676     | 0.435 | ng    | 98       |
| 9) Naphthalene                | 10.105 | 128  | 9278     | 0.382 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.404 | 225  | 2190     | 0.321 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.738 | 142  | 5885     | 0.371 | ng    | 99       |
| 16) Acenaphthylene            | 13.684 | 152  | 7671     | 0.328 | ng    | 100      |
| 17) Acenaphthene              | 14.037 | 154  | 5129     | 0.348 | ng    | # 85     |
| 18) Fluorene                  | 15.031 | 166  | 6559     | 0.318 | ng    | 97       |
| 20) 4,6-Dinitro-2-methylph... | 15.127 | 198  | 319      | 0.436 | ng    | 93       |
| 21) 4-Bromophenyl-phenylether | 15.946 | 248  | 2233     | 0.394 | ng    | # 78     |
| 22) Hexachlorobenzene         | 16.046 | 284  | 2720     | 0.335 | ng    | 98       |
| 23) Atrazine                  | 16.232 | 200  | 1031     | 0.431 | ng    | 98       |
| 24) Pentachlorophenol         | 16.393 | 266  | 878      | 0.450 | ng    | 98       |
| 25) Phenanthrene              | 16.778 | 178  | 9774     | 0.356 | ng    | 100      |
| 26) Anthracene                | 16.865 | 178  | 8425     | 0.357 | ng    | 100      |
| 28) Fluoranthene              | 18.822 | 202  | 11052    | 0.319 | ng    | 99       |
| 30) Pyrene                    | 19.189 | 202  | 11118    | 0.351 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.015 | 228  | 10362    | 0.342 | ng    | 99       |
| 33) Chrysene                  | 21.015 | 228  | 10362    | 0.342 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.015 | 149  | 596      | 0.358 | ng    | # 98     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.122 | 276  | 12330    | 0.376 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.461 | 252  | 10486    | 0.302 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.502 | 252  | 11527    | 0.313 | ng    | 98       |
| 39) Benzo(a)pyrene            | 22.988 | 252  | 8958     | 0.337 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 25.137 | 278  | 9558     | 0.386 | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 25.736 | 276  | 10647    | 0.372 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

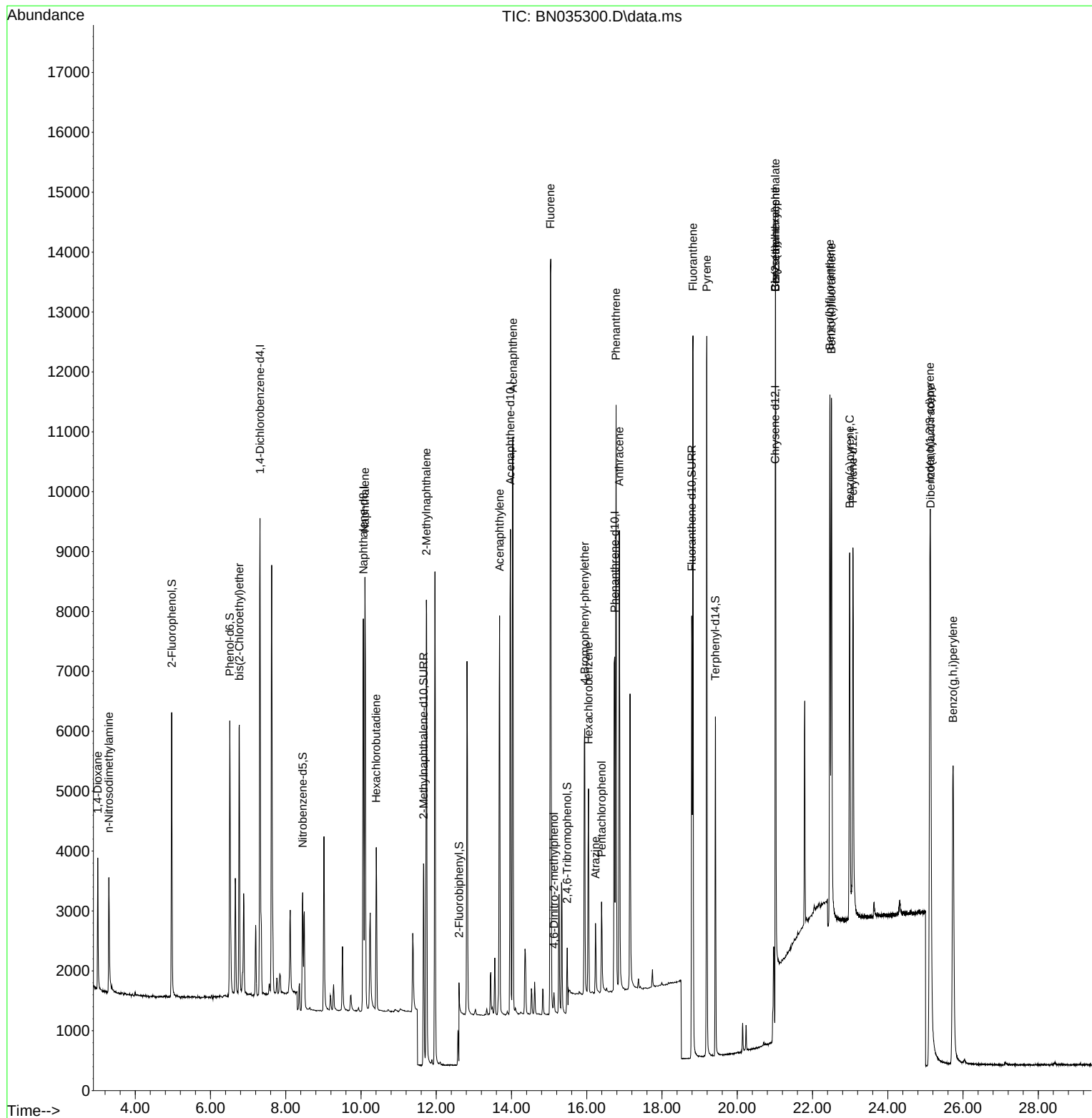
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112524\  
Data File : BN035300.D  
Acq On : 26 Nov 2024 03:14  
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Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 76 Sample Multiplier: 1

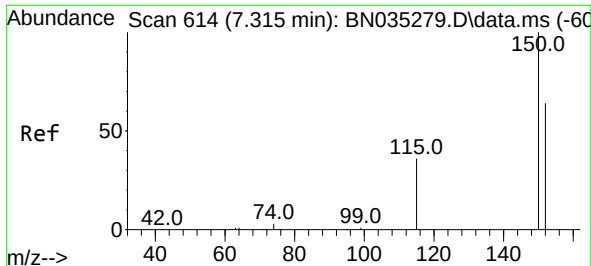
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Quant Time: Nov 26 04:38:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 26 02:36:08 2024  
Response via : Initial Calibration

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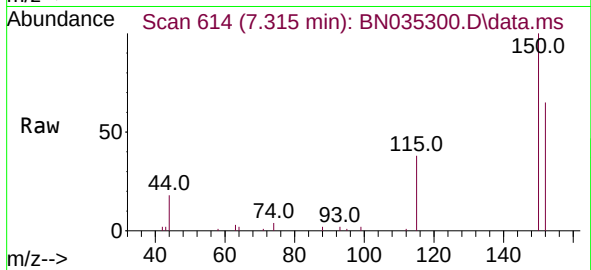
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.315 min Scan# 614  
Delta R.T. 0.000 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

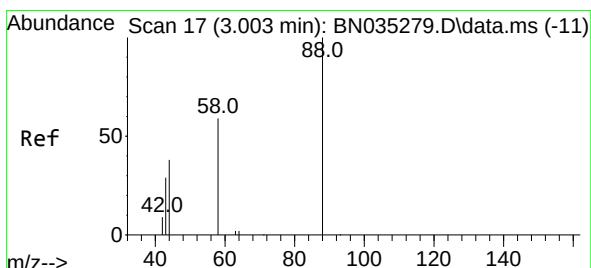
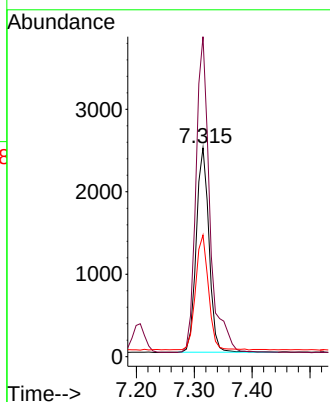
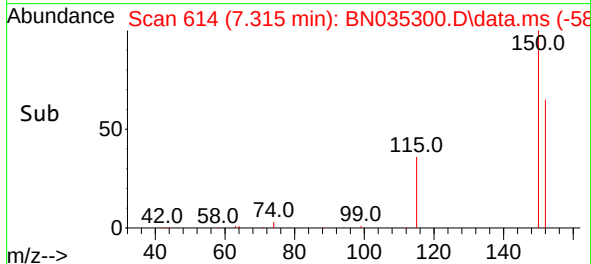
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:152 Resp: 380  
Ion Ratio Lower Upper  
152 100  
150 153.3 124.5 186.7  
115 58.3 47.8 71.8

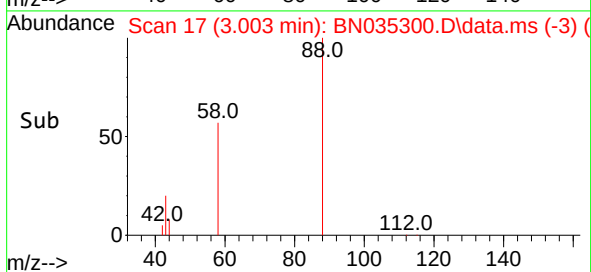
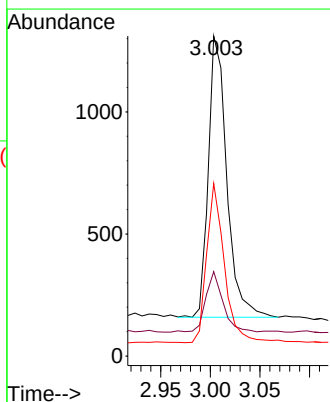
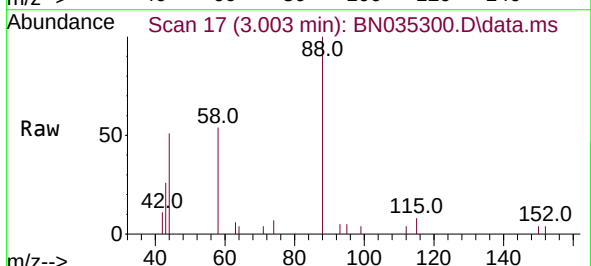
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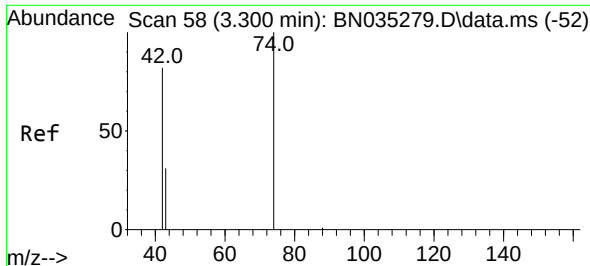
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024



#2  
1,4-Dioxane  
Concen: 0.544 ng  
RT: 3.003 min Scan# 17  
Delta R.T. 0.000 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Tgt Ion: 88 Resp: 1488  
Ion Ratio Lower Upper  
88 100  
43 20.2 48.1 72.1#  
58 54.6 46.9 70.3





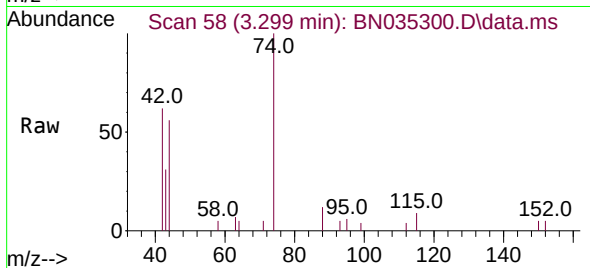
#3  
n-Nitrosodimethylamine  
Concen: 0.387 ng  
RT: 3.299 min Scan# 58  
Delta R.T. -0.001 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



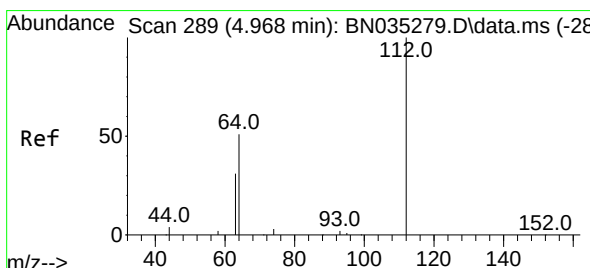
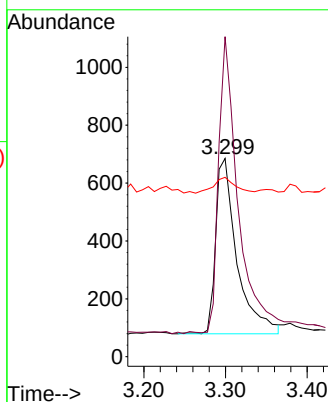
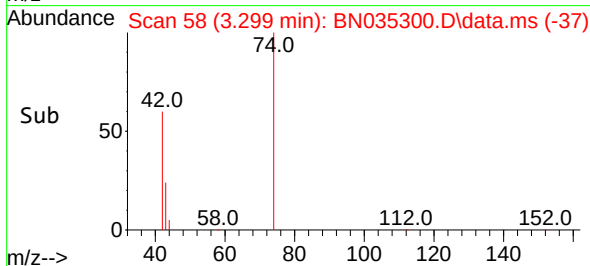
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Ion Ratio Lower Upper  
42 100  
74 163.7 102.7 154.1  
44 9.3 34.1 51.1

Manual Integrations

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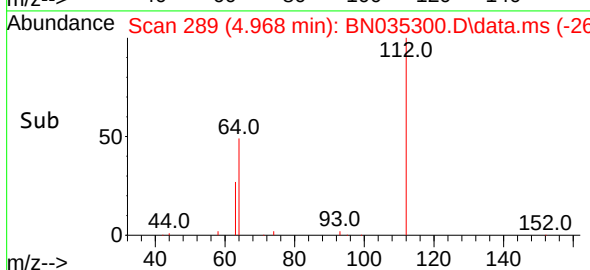
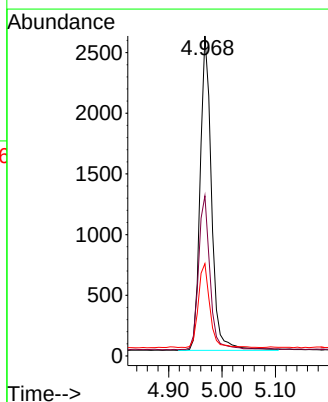
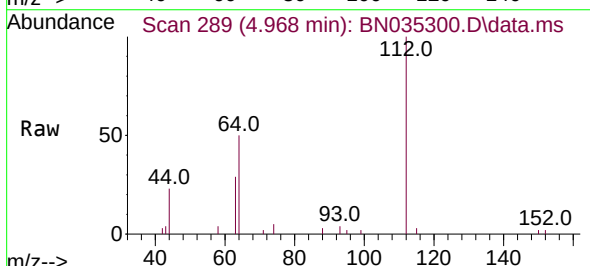
Reviewed By :Yogesh Patel 11/27/2024

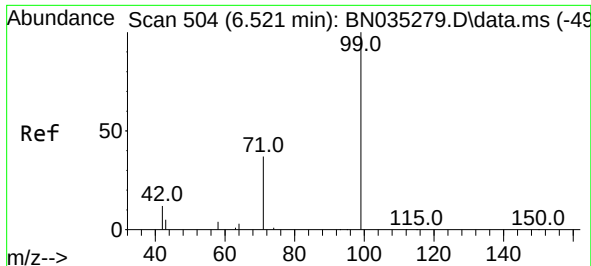
Supervised By :mohammad ahmed 11/27/2024



#4  
2-Fluorophenol  
Concen: 0.535 ng  
RT: 4.968 min Scan# 289  
Delta R.T. -0.000 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

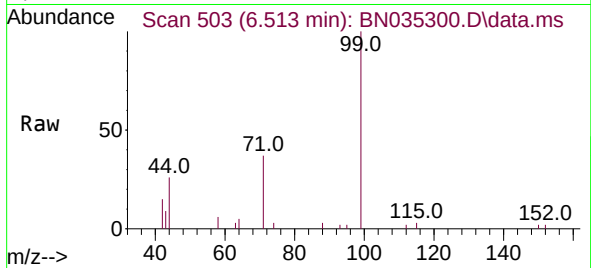
Tgt Ion:112 Resp: 3847  
Ion Ratio Lower Upper  
112 100  
64 49.1 40.4 60.6  
63 26.8 23.8 35.8





#5  
Phenol-d6  
Concen: 0.455 ng  
RT: 6.513 min Scan# 504  
Delta R.T. -0.007 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

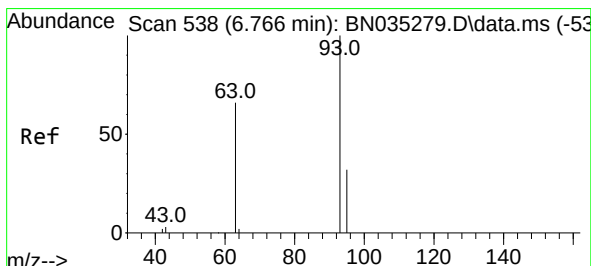
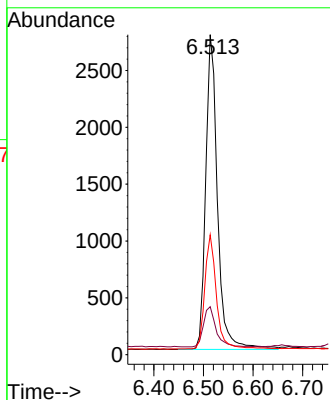
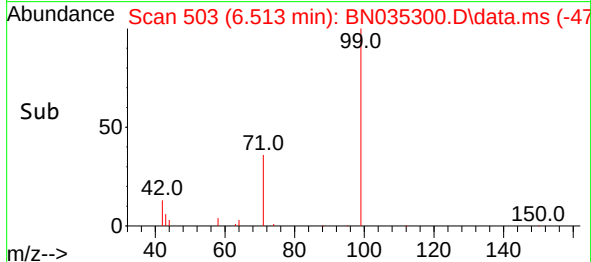
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion: 99 Resp: 457  
Ion Ratio Lower Upper  
99 100  
42 13.6 12.8 19.2  
71 35.7 31.4 47.2

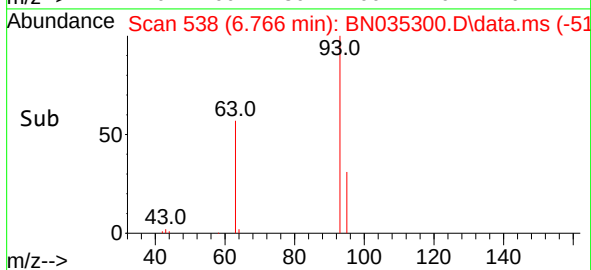
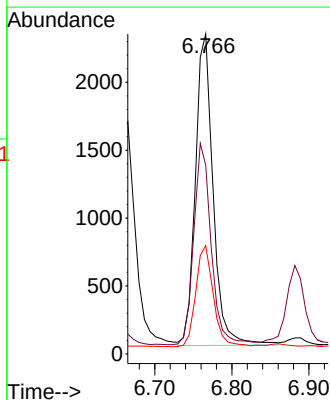
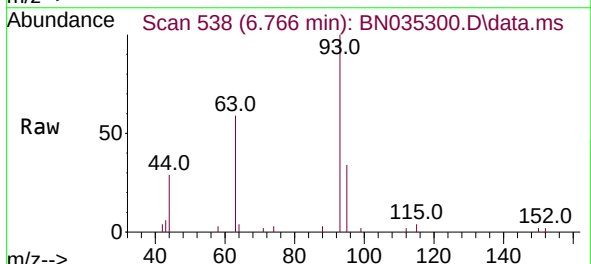
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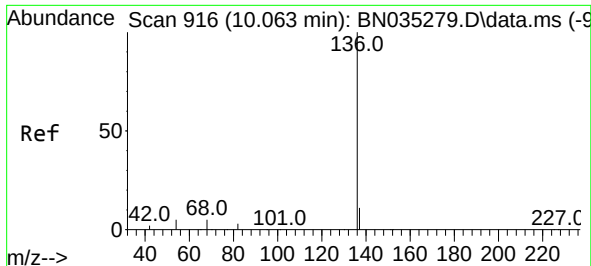
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024



#6  
bis(2-Chloroethyl)ether  
Concen: 0.435 ng  
RT: 6.766 min Scan# 538  
Delta R.T. -0.000 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Tgt Ion: 93 Resp: 3676  
Ion Ratio Lower Upper  
93 100  
63 63.3 52.3 78.5  
95 32.3 25.5 38.3





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.063 min Scan# 916  
Delta R.T. -0.000 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Instrument :

BNA\_N

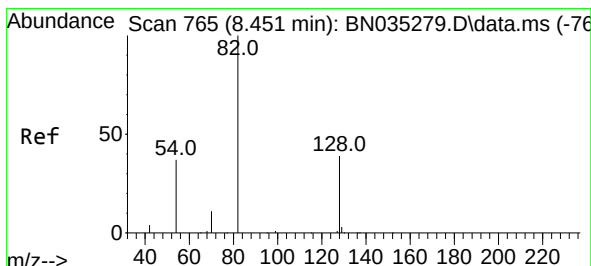
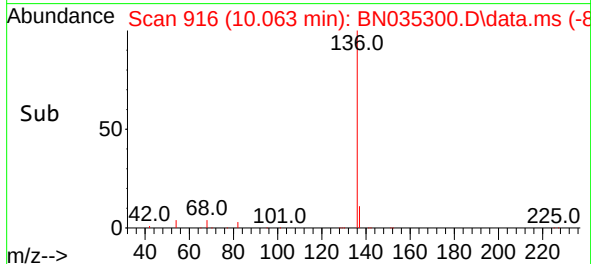
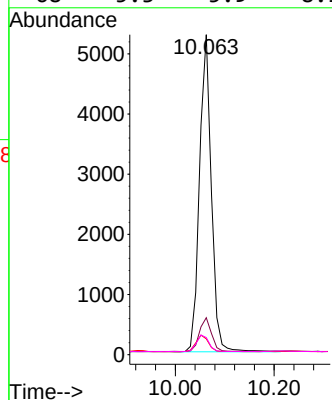
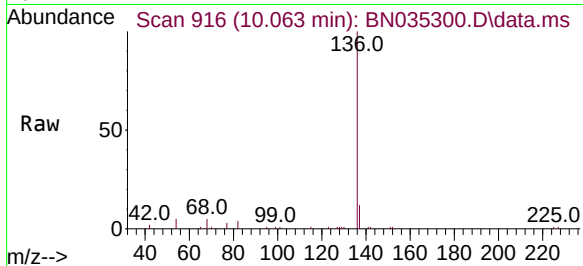
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 8740  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.7 14.5  
54 5.0 5.3 7.9  
68 5.3 5.9 8.9#

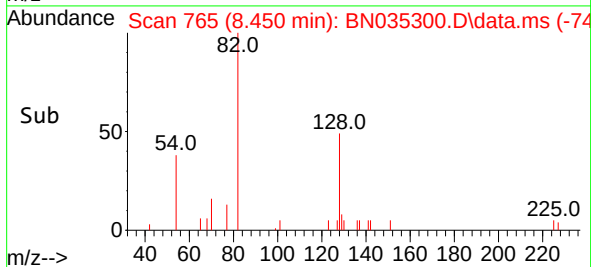
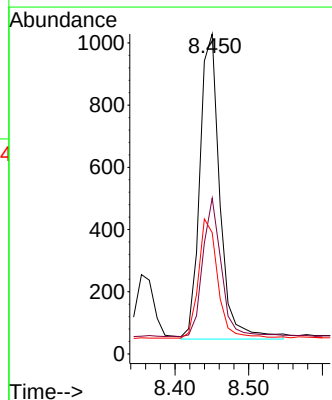
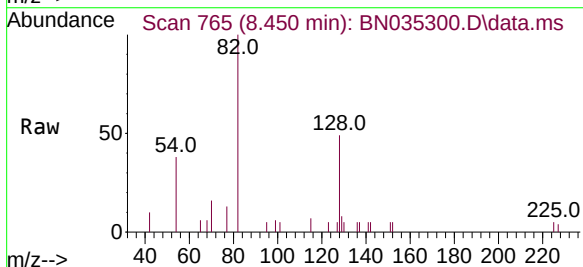
Manual Integrations  
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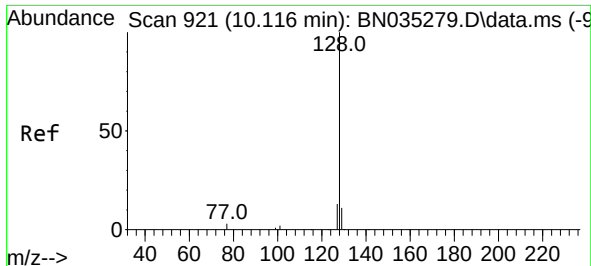
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024



#8  
Nitrobenzene-d5  
Concen: 0.262 ng m  
RT: 8.450 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Tgt Ion: 82 Resp: 1856  
Ion Ratio Lower Upper  
82 100  
128 48.7 33.0 49.4  
54 37.9 33.3 49.9





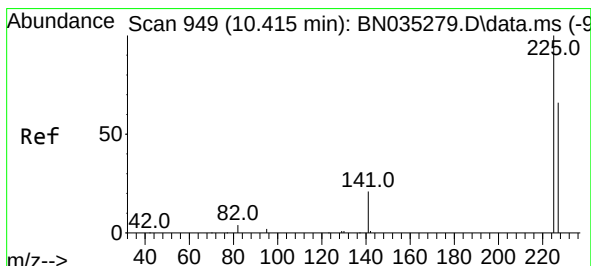
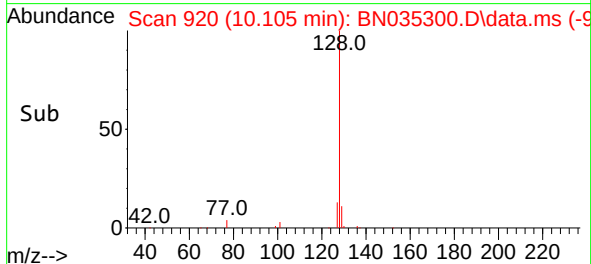
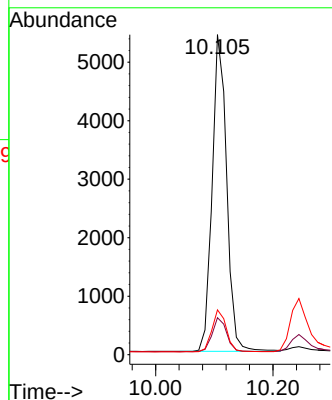
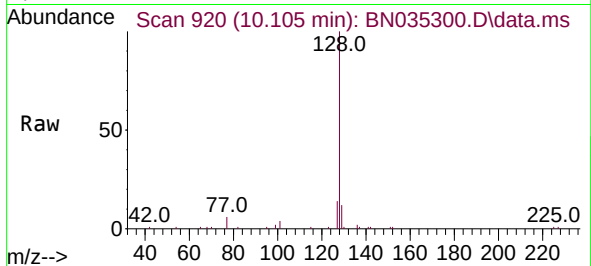
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Naphthalene  
Concen: 0.382 ng  
RT: 10.105 min Scan# 910  
Delta R.T. -0.011 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:128 Resp: 9278  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.6 14.4  
127 14.0 11.3 16.9

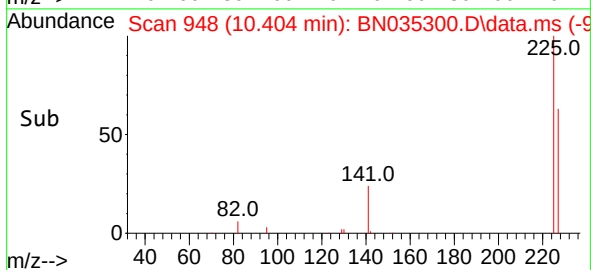
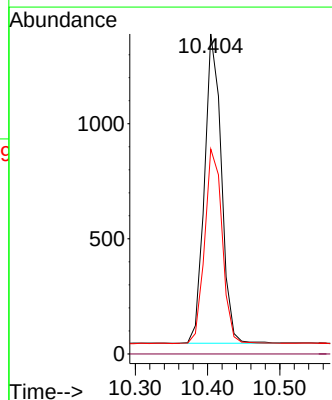
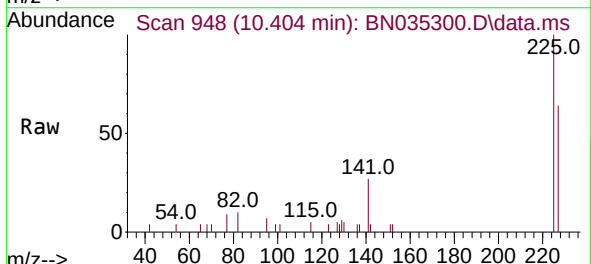
Manual Integrations  
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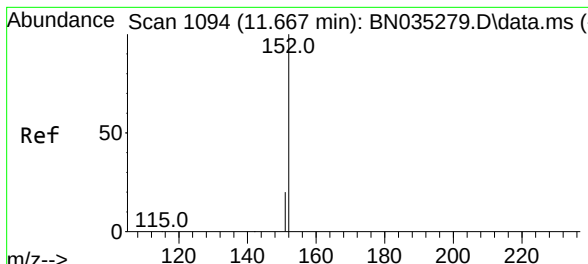
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024



#10  
Hexachlorobutadiene  
Concen: 0.321 ng  
RT: 10.404 min Scan# 948  
Delta R.T. -0.011 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

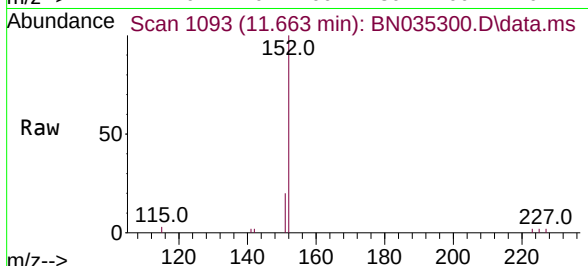
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Ion Ratio Lower Upper  
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223 0.0 0.0 0.0  
227 65.2 51.3 76.9





#11  
2-Methylnaphthalene-d10  
Concen: 0.396 ng  
RT: 11.663 min Scan# 1109  
Delta R.T. -0.004 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

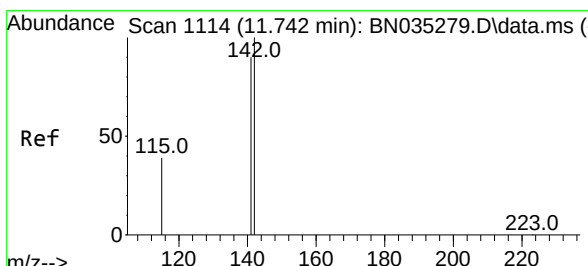
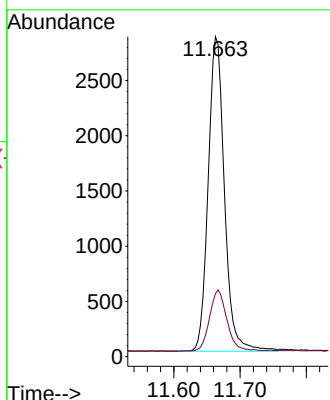
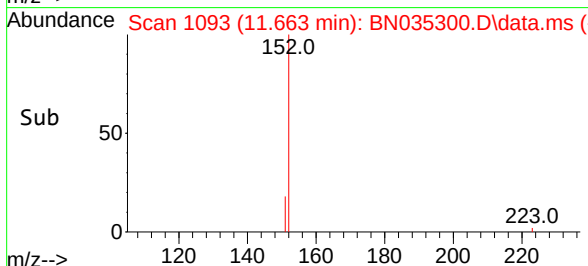
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



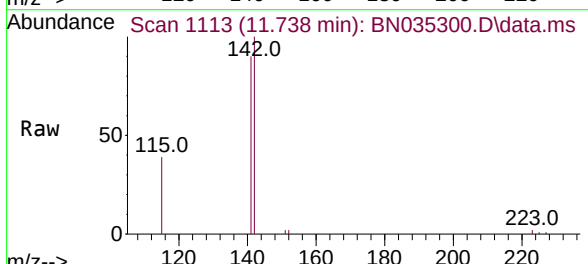
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Manual Integrations  
APPROVED

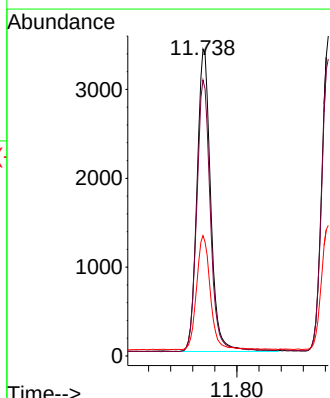
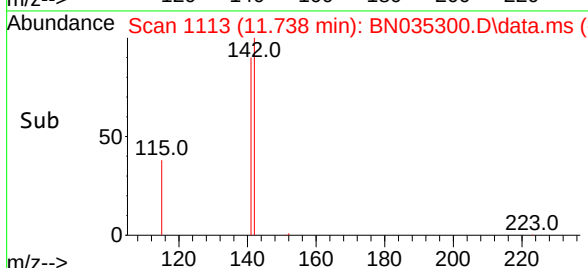
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024



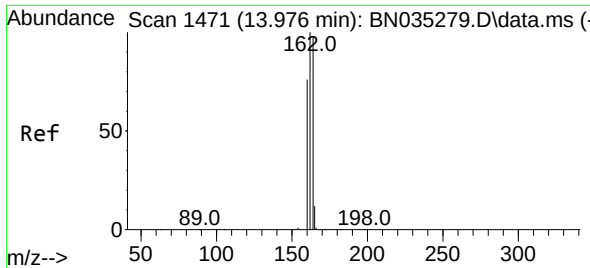
#12  
2-Methylnaphthalene  
Concen: 0.371 ng  
RT: 11.738 min Scan# 1113  
Delta R.T. -0.004 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14



Tgt Ion:142 Resp: 5885  
Ion Ratio Lower Upper  
142 100  
141 89.9 71.8 107.8  
115 39.2 32.6 49.0

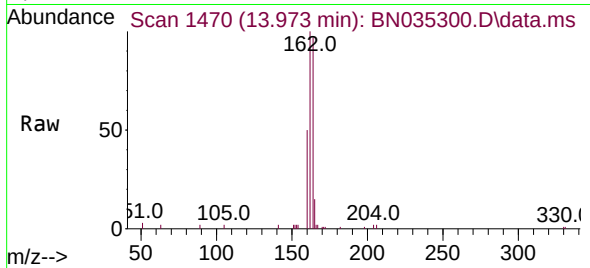






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 13.973 min Scan# 1470  
Delta R.T. -0.004 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

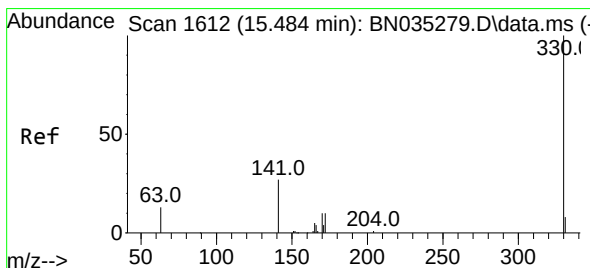
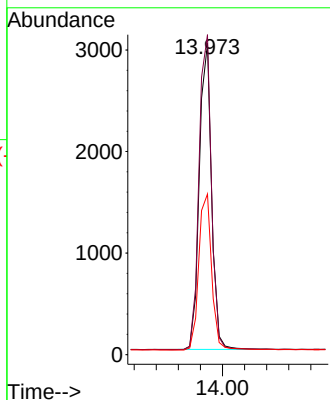
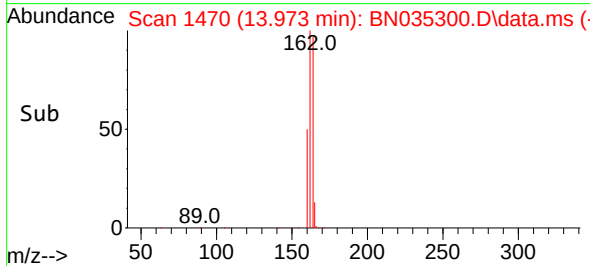
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:164 Resp: 4650  
Ion Ratio Lower Upper  
164 100  
162 102.8 82.0 123.0  
160 51.6 63.0 94.4

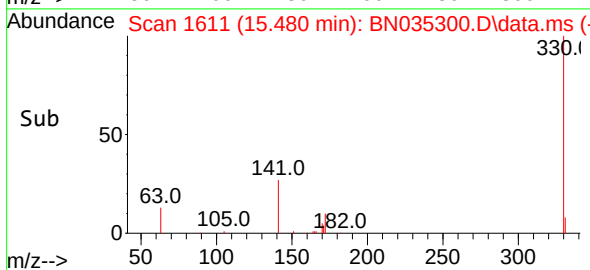
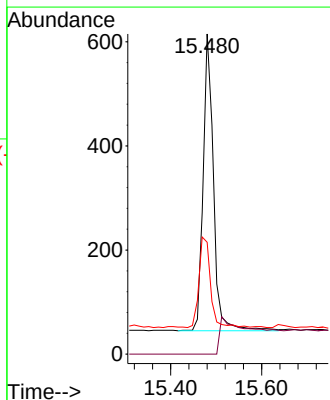
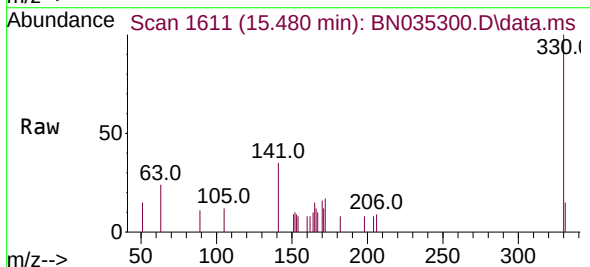
Manual Integrations  
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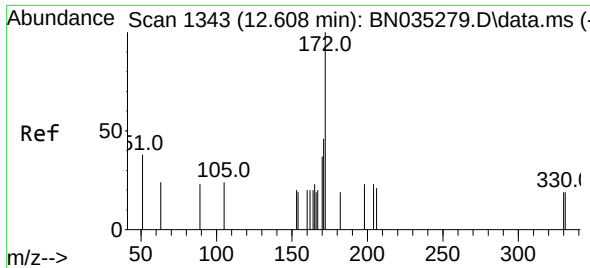
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024



#14  
2,4,6-Tribromophenol  
Concen: 0.408 ng  
RT: 15.480 min Scan# 1611  
Delta R.T. -0.004 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Tgt Ion:330 Resp: 969  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 34.5 32.4 48.6





#15  
2-Fluorobiphenyl  
Concen: 0.310 ng  
RT: 12.604 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

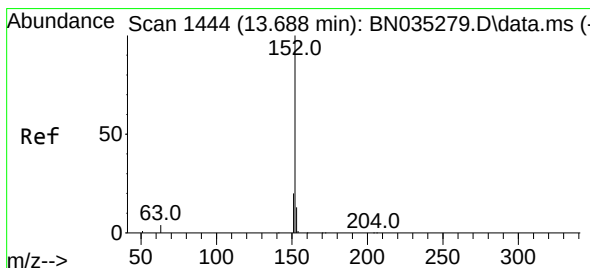
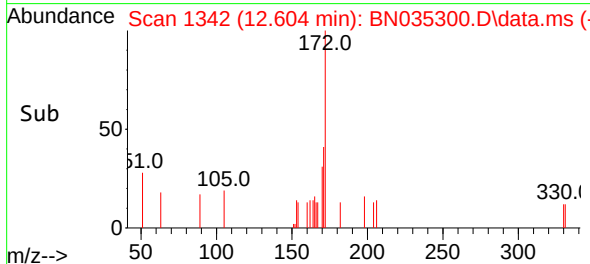
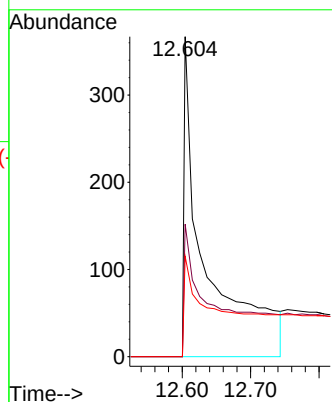
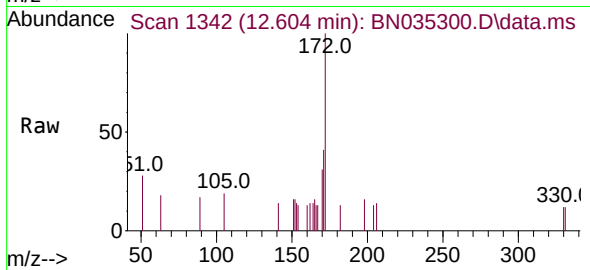
Tgt Ion:172 Resp: 79  
Ion Ratio Lower Upper  
172 100  
171 41.4 36.6 55.0  
170 31.3 29.7 44.5

Manual Integrations

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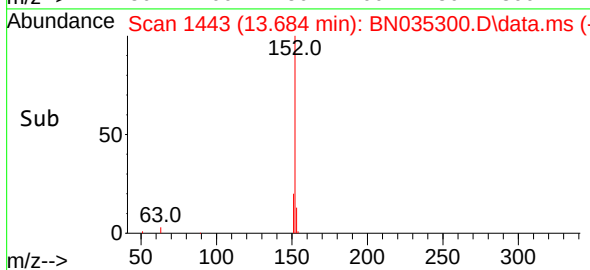
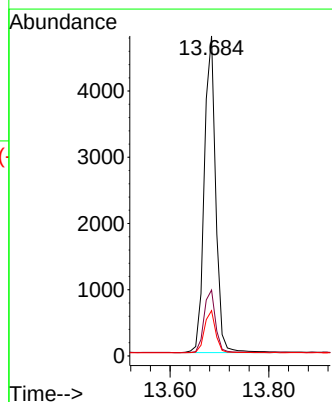
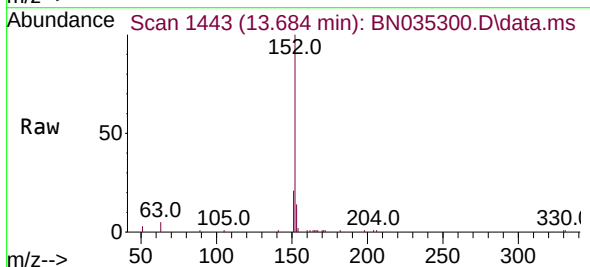
Reviewed By :Yogesh Patel 11/27/2024

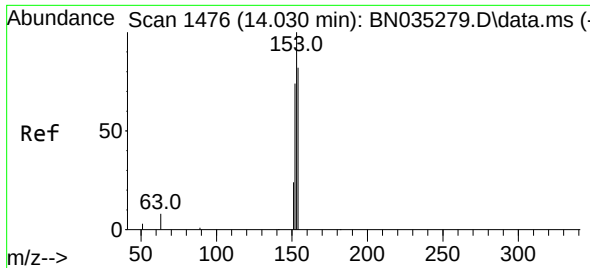
Supervised By :mohammad ahmed 11/27/2024



#16  
Acenaphthylene  
Concen: 0.328 ng  
RT: 13.684 min Scan# 1443  
Delta R.T. -0.004 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Tgt Ion:152 Resp: 7671  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.9 23.9  
153 13.1 10.2 15.4





#17  
Acenaphthene  
Concen: 0.348 ng  
RT: 14.037 min Scan# 1476  
Delta R.T. 0.007 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

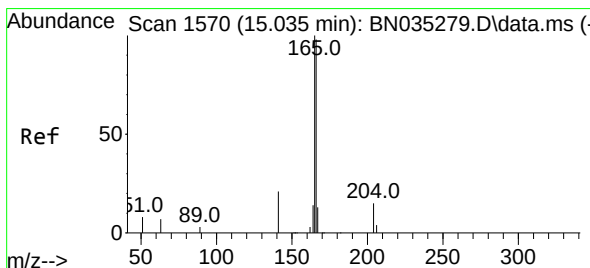
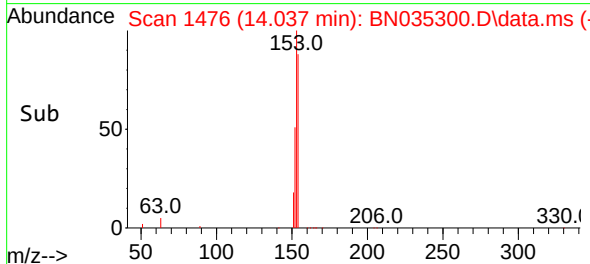
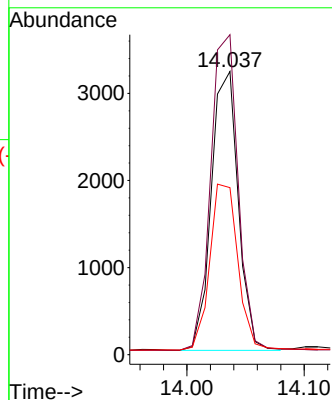
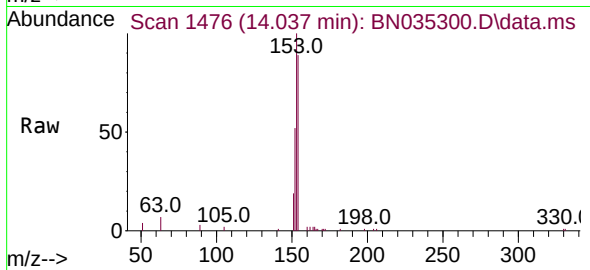
Tgt Ion:154 Resp: 5129  
Ion Ratio Lower Upper  
154 100  
153 115.9 96.1 144.1  
152 62.8 72.2 108.2

Manual Integrations

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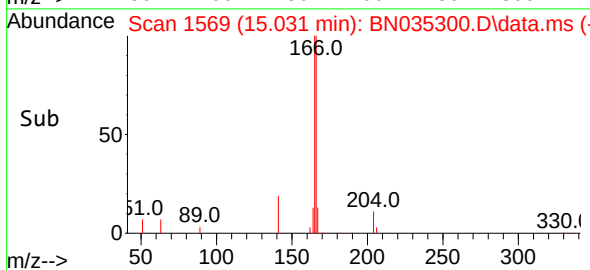
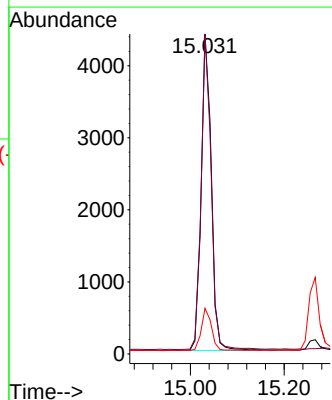
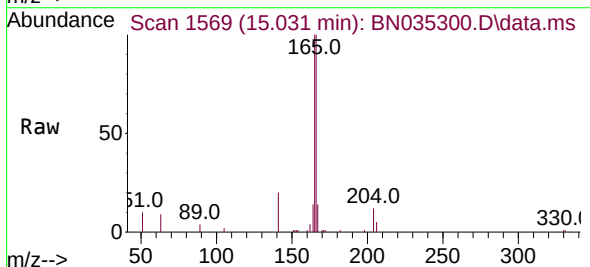
Reviewed By :Yogesh Patel 11/27/2024

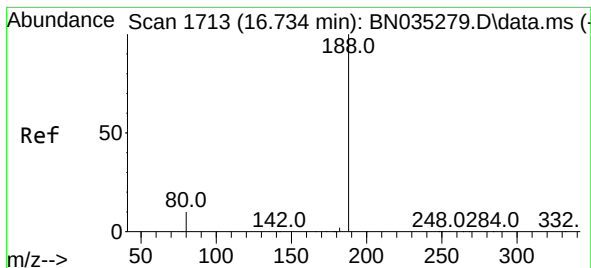
Supervised By :mohammad ahmed 11/27/2024



#18  
Fluorene  
Concen: 0.318 ng  
RT: 15.031 min Scan# 1569  
Delta R.T. -0.004 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Tgt Ion:166 Resp: 6559  
Ion Ratio Lower Upper  
166 100  
165 98.2 81.2 121.8  
167 13.7 10.5 15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.741 min Scan# 1

Delta R.T. 0.007 min

Lab File: BN035300.D

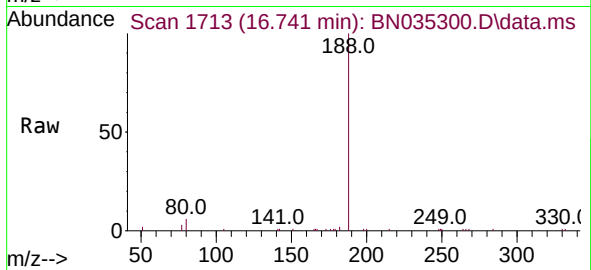
Acq: 26 Nov 2024 03:14

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:188 Resp: 894

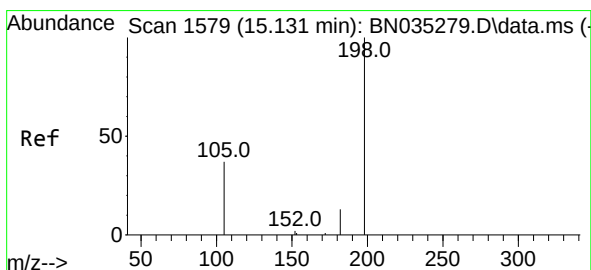
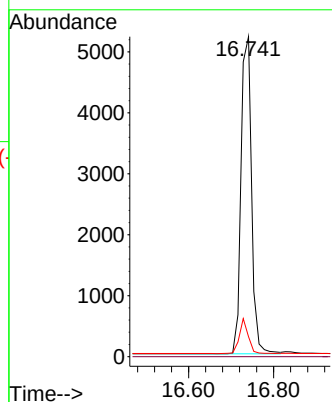
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 0.0   | 0.0   | 0.0   |
| 80  | 6.2   | 8.9   | 13.3  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#20

4,6-Dinitro-2-methylphenol

Concen: 0.436 ng

RT: 15.127 min Scan# 1578

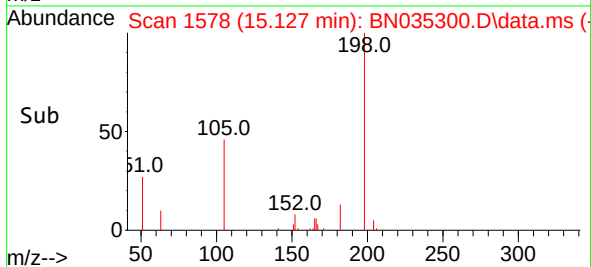
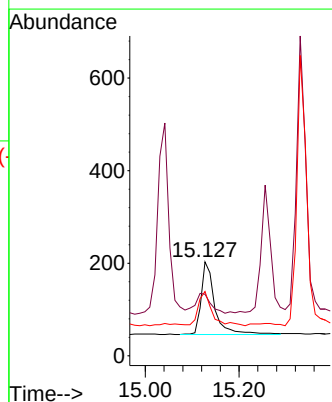
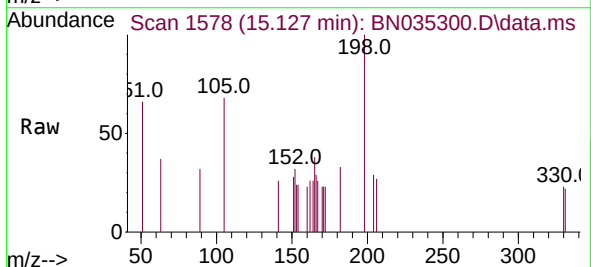
Delta R.T. -0.004 min

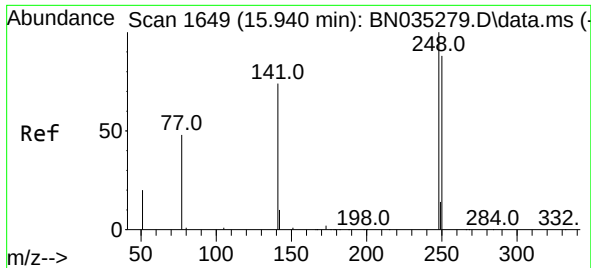
Lab File: BN035300.D

Acq: 26 Nov 2024 03:14

Tgt Ion:198 Resp: 319

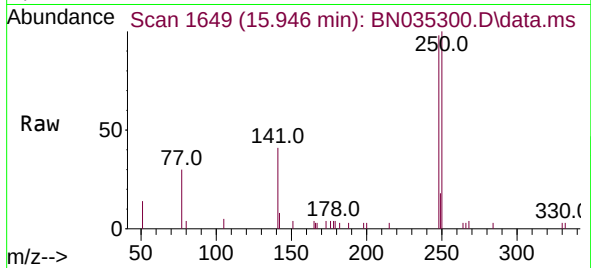
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 65.5  | 53.6  | 80.4  |
| 105 | 68.5  | 47.4  | 71.2  |





#21  
4-Bromophenyl-phenylether  
Concen: 0.394 ng  
RT: 15.946 min Scan# 1649  
Delta R.T. 0.006 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

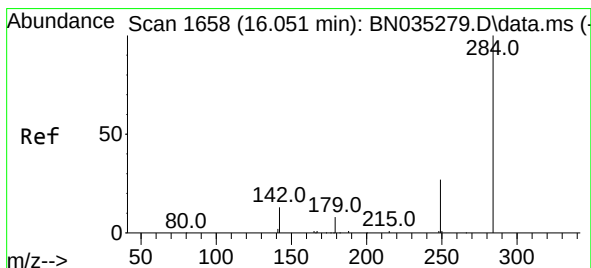
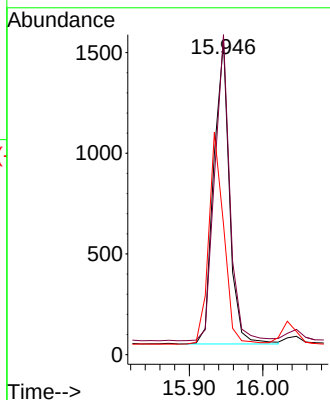
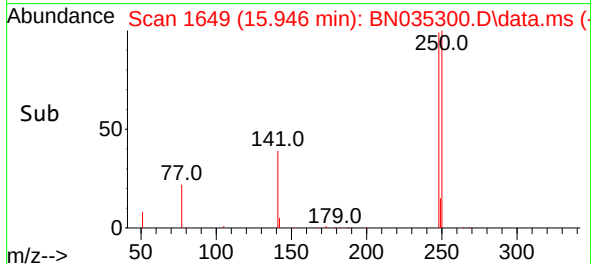
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:248 Resp: 223  
Ion Ratio Lower Upper  
248 100  
250 102.1 74.8 112.2  
141 41.6 59.0 88.4

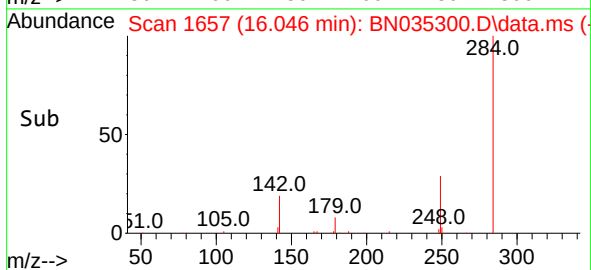
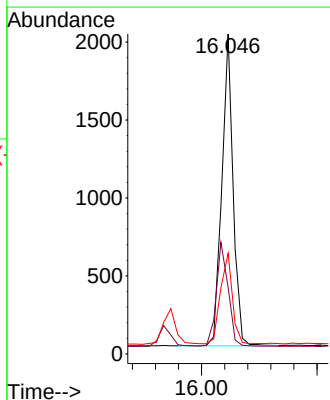
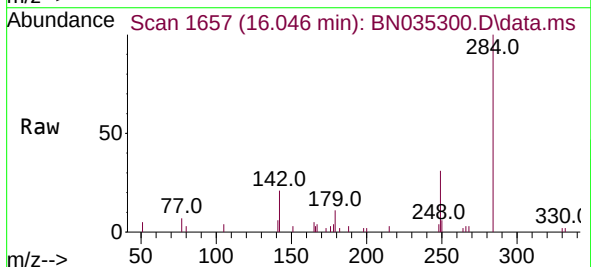
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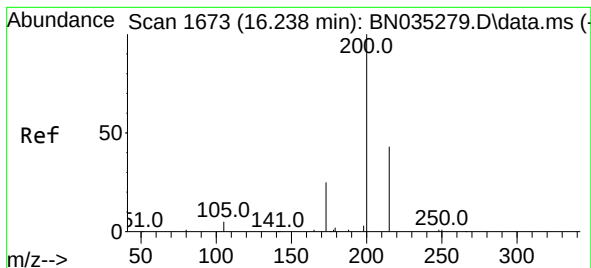
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024



#22  
Hexachlorobenzene  
Concen: 0.335 ng  
RT: 16.046 min Scan# 1657  
Delta R.T. -0.006 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Tgt Ion:284 Resp: 2720  
Ion Ratio Lower Upper  
284 100  
142 34.9 28.7 43.1  
249 30.4 25.4 38.0





#23

Atrazine

Concen: 0.431 ng

RT: 16.232 min Scan# 1672

Delta R.T. -0.006 min

Lab File: BN035300.D

Acq: 26 Nov 2024 03:14

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

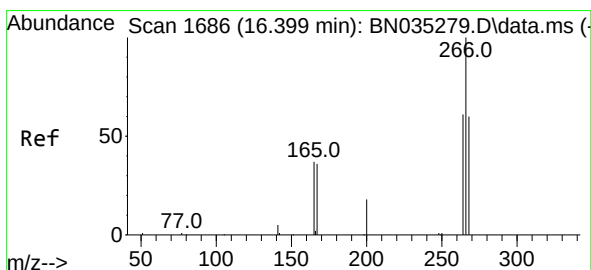
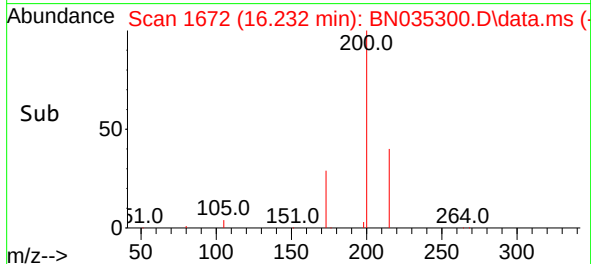
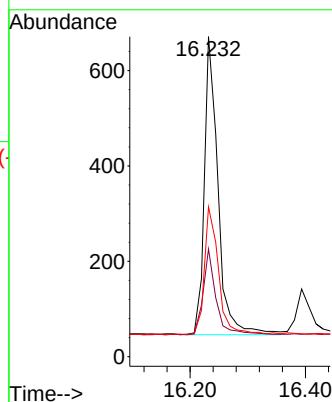
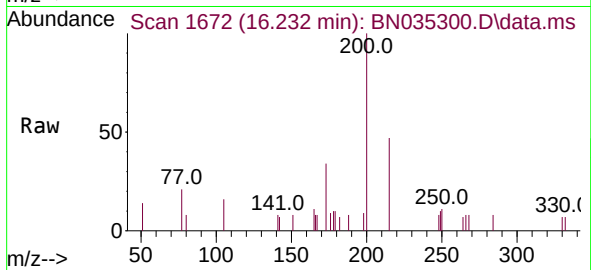
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 103  |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 33.7  | 25.8  | 38.8 |
| 215       | 46.8  | 38.6  | 58.0 |

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#24

Pentachlorophenol

Concen: 0.450 ng

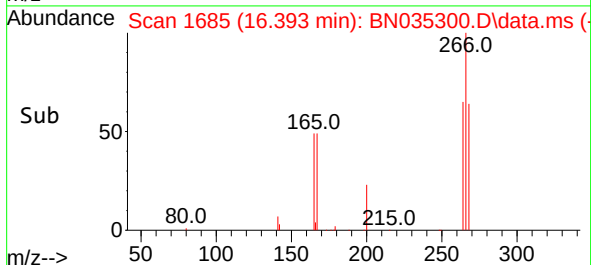
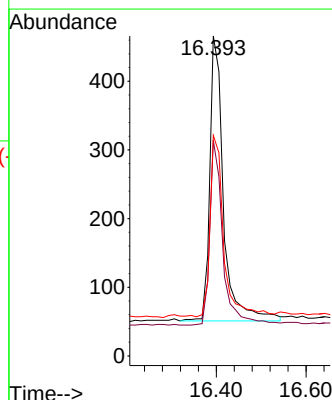
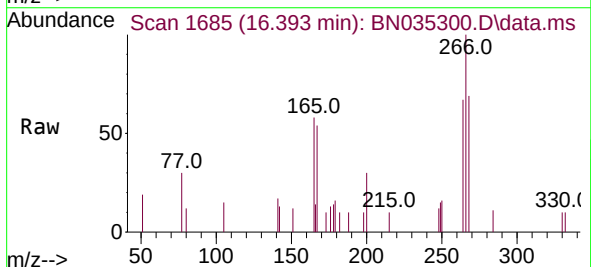
RT: 16.393 min Scan# 1685

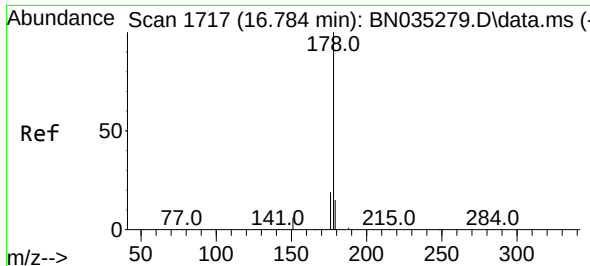
Delta R.T. -0.006 min

Lab File: BN035300.D

Acq: 26 Nov 2024 03:14

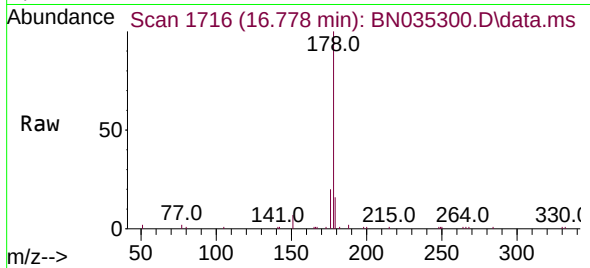
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 878  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 61.7  | 49.3  | 73.9 |
| 268       | 63.4  | 48.6  | 73.0 |





#25  
Phenanthrene  
Concen: 0.356 ng  
RT: 16.778 min Scan# 1716  
Delta R.T. -0.006 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

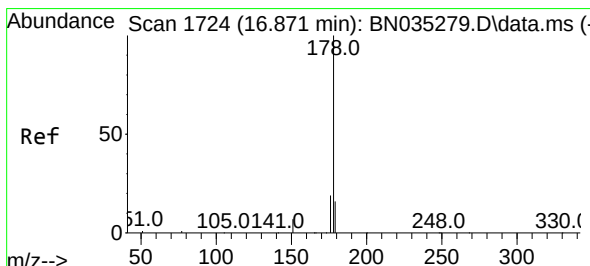
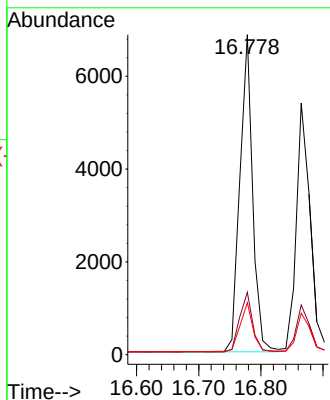
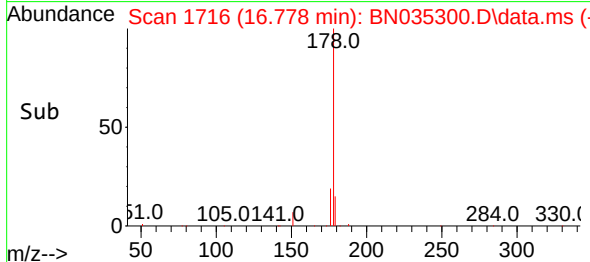
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



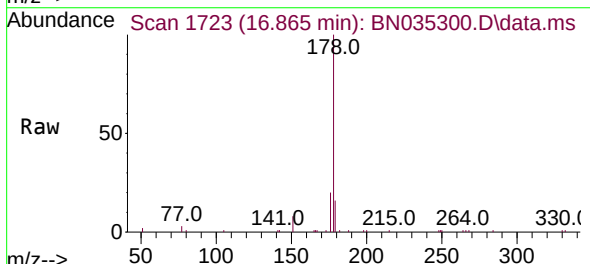
Tgt Ion:178 Resp: 9774  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.5 12.6 18.8

Manual Integrations  
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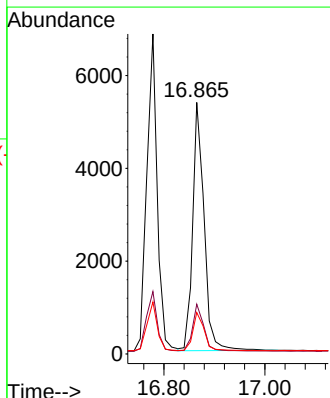
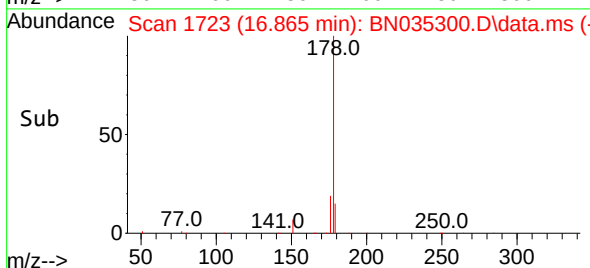
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024

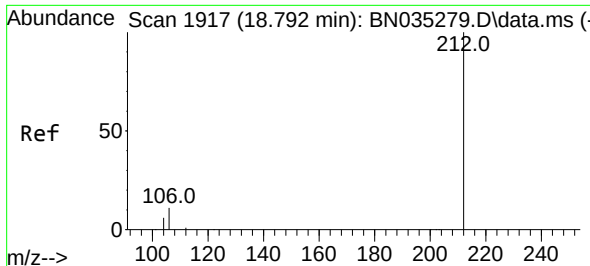


#26  
Anthracene  
Concen: 0.357 ng  
RT: 16.865 min Scan# 1723  
Delta R.T. -0.006 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14



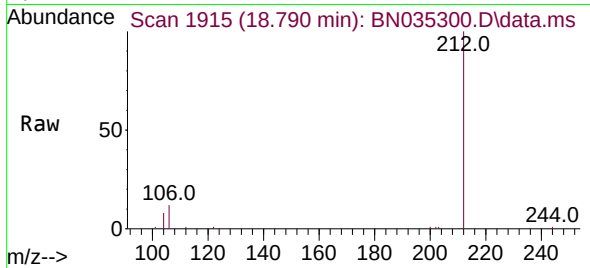
Tgt Ion:178 Resp: 8425  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.0 22.4  
179 15.5 12.4 18.6





#27  
Fluoranthene-d10  
Concen: 0.353 ng  
RT: 18.790 min Scan# 1915  
Delta R.T. -0.002 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

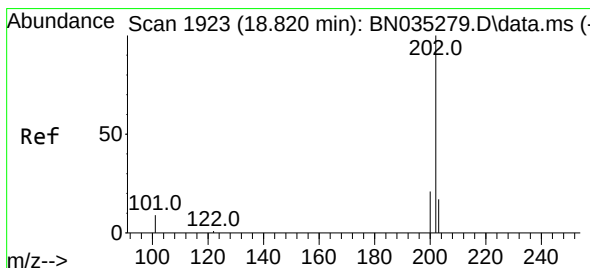
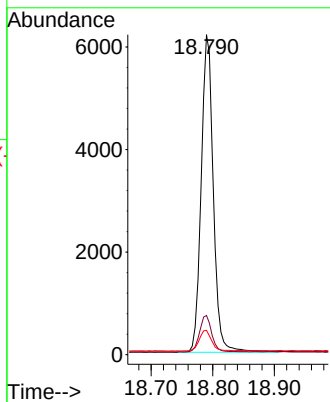
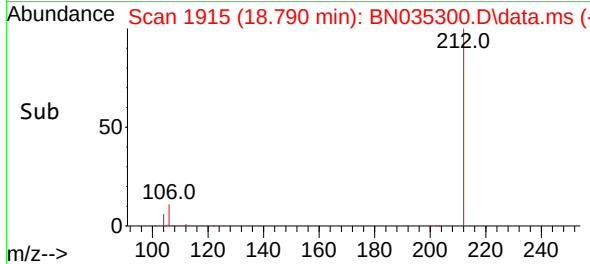
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



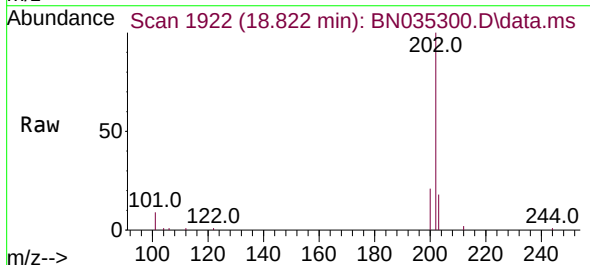
Tgt Ion:212 Resp: 844  
Ion Ratio Lower Upper  
212 100  
106 11.6 9.8 14.8  
104 6.8 5.6 8.4

Manual Integrations  
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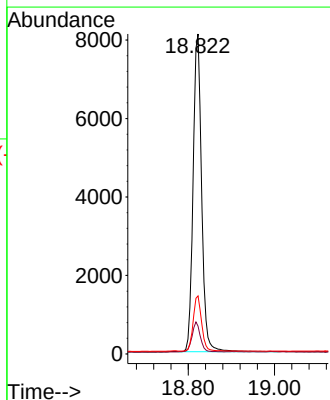
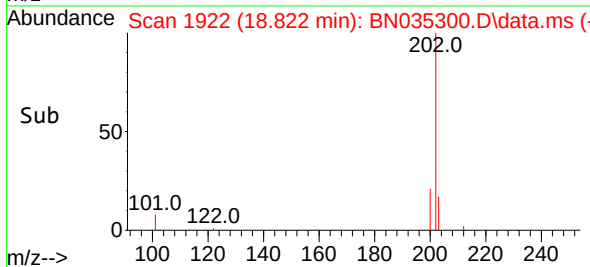
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024



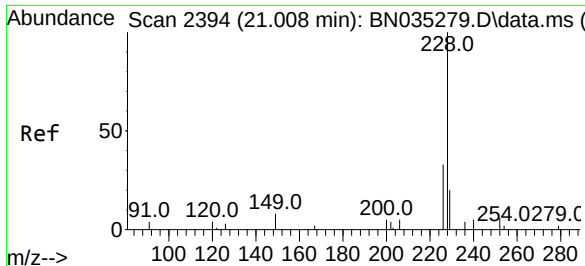
#28  
Fluoranthene  
Concen: 0.319 ng  
RT: 18.822 min Scan# 1922  
Delta R.T. 0.002 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14



Tgt Ion:202 Resp: 11052  
Ion Ratio Lower Upper  
202 100  
101 9.1 7.6 11.4  
203 17.1 13.8 20.8







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.006 min Scan# 21

Delta R.T. -0.002 min

Lab File: BN035300.D

Acq: 26 Nov 2024 03:14

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:240 Resp: 87

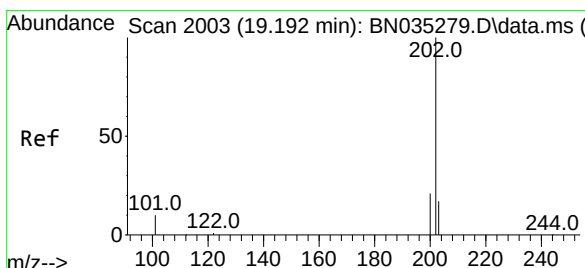
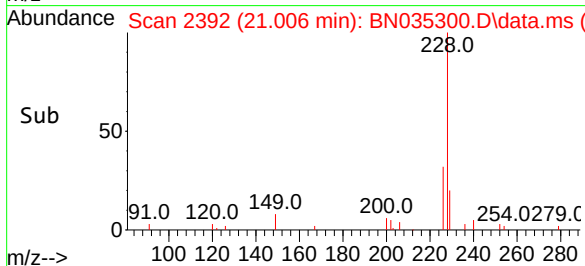
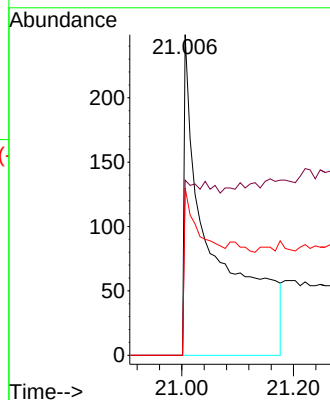
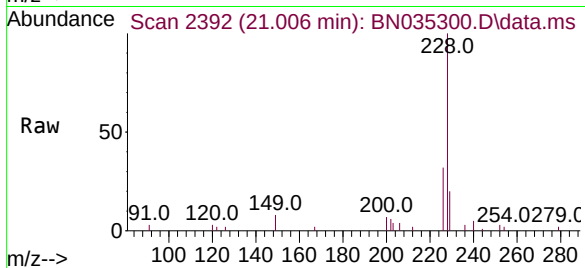
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 54.6  | 54.9  | 82.3  |
| 236 | 52.2  | 54.0  | 81.0  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#30

Pyrene

Concen: 0.351 ng

RT: 19.189 min Scan# 2001

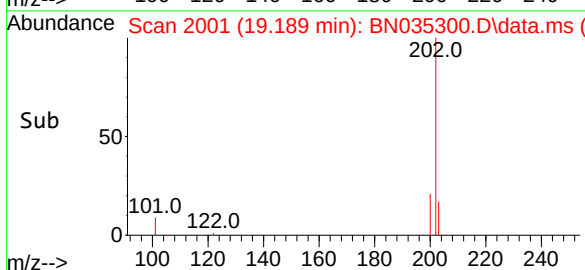
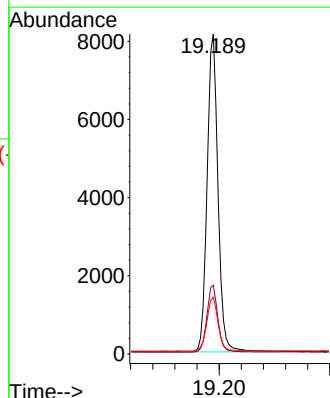
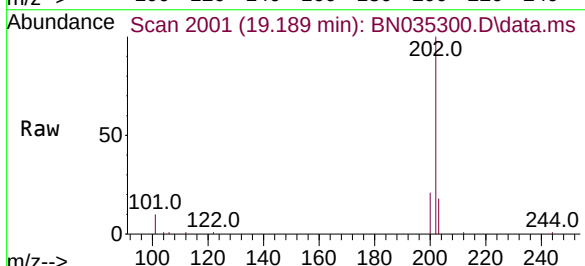
Delta R.T. -0.003 min

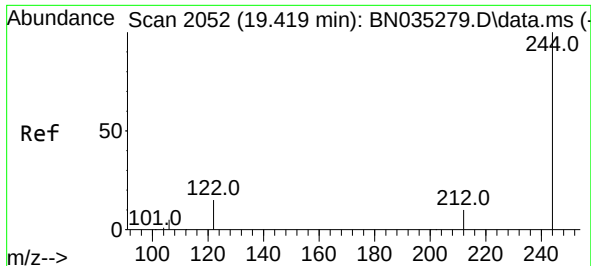
Lab File: BN035300.D

Acq: 26 Nov 2024 03:14

Tgt Ion:202 Resp: 11118

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.2  | 16.8  | 25.2  |
| 203 | 17.6  | 14.4  | 21.6  |





#31  
Terphenyl-d14  
Concen: 0.361 ng  
RT: 19.422 min Scan# 2052  
Delta R.T. 0.003 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Instrument :

BNA\_N

ClientSampleId :

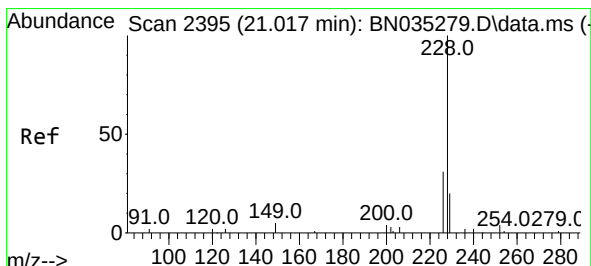
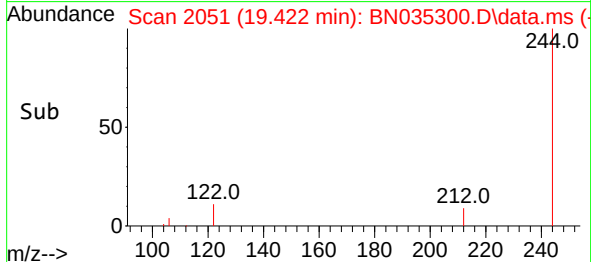
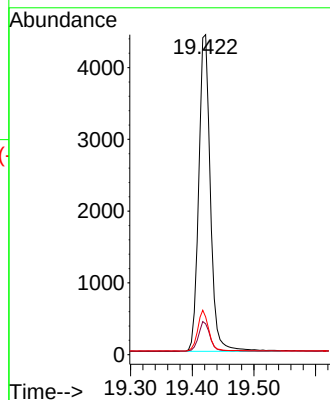
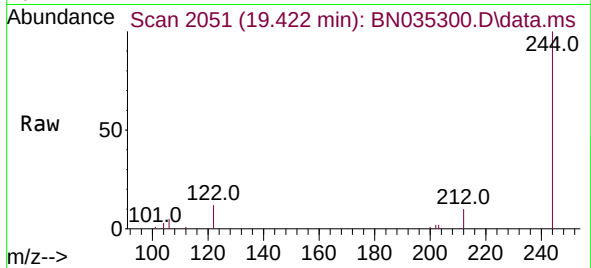
SSTDCCC0.4EC

Tgt Ion:244 Resp: 581  
Ion Ratio Lower Upper  
244 100  
212 9.6 9.4 14.0  
122 11.8 13.0 19.4

Manual Integrations

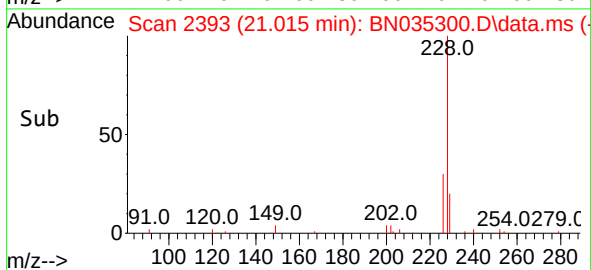
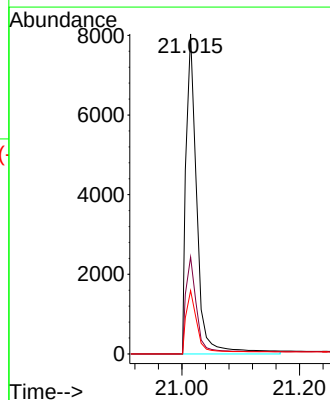
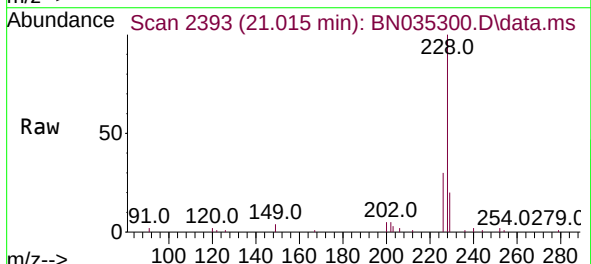
APPROVED

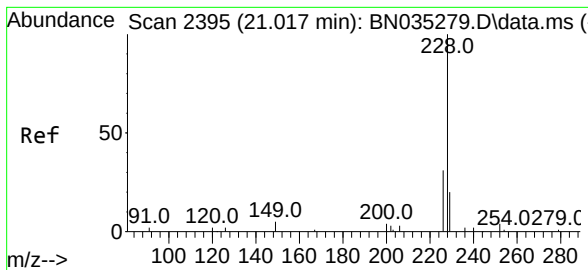
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024



#32  
Benzo(a)anthracene  
Concen: 0.342 ng  
RT: 21.015 min Scan# 2393  
Delta R.T. -0.002 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Tgt Ion:228 Resp: 10362  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.7 37.1  
229 19.8 16.2 24.2





#33

Chrysene

Concen: 0.342 ng

RT: 21.015 min Scan# 21

Delta R.T. -0.002 min

Lab File: BN035300.D

Acq: 26 Nov 2024 03:14

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:228 Resp: 1036

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

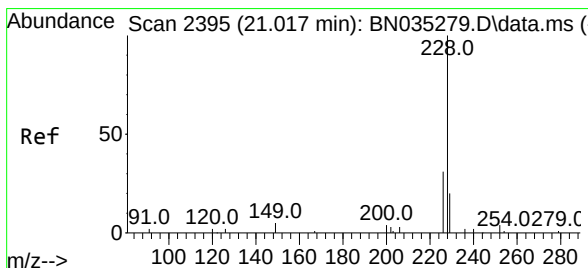
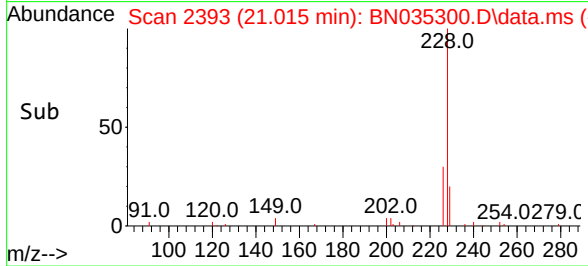
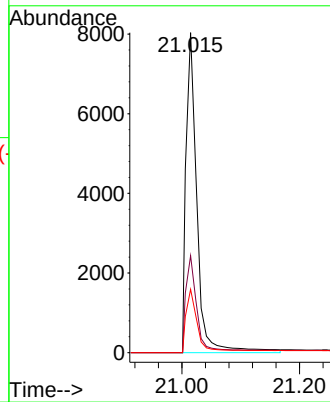
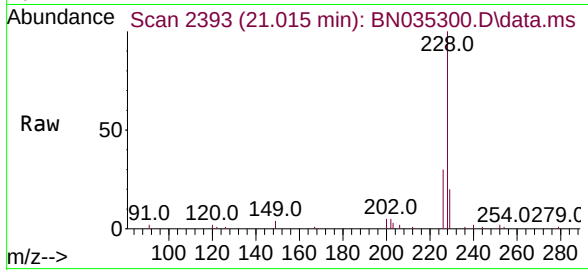
229 19.8 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.358 ng

RT: 21.015 min Scan# 2393

Delta R.T. -0.002 min

Lab File: BN035300.D

Acq: 26 Nov 2024 03:14

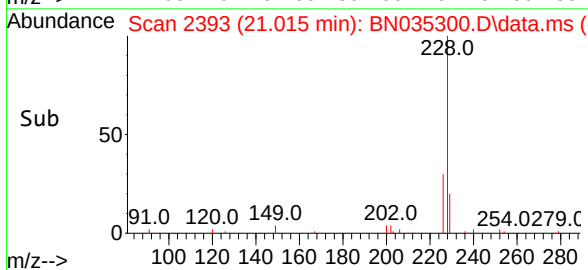
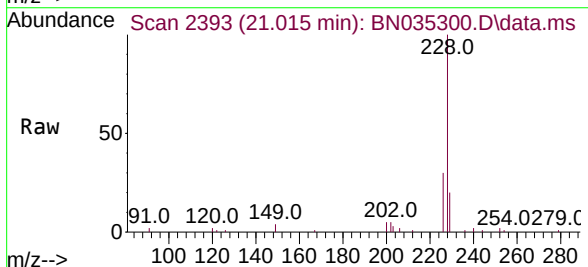
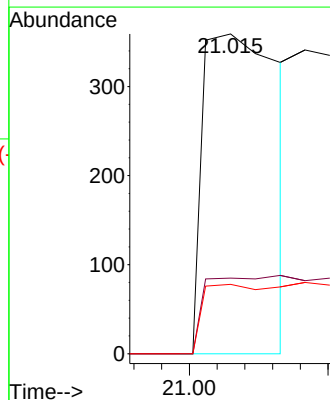
Tgt Ion:149 Resp: 596

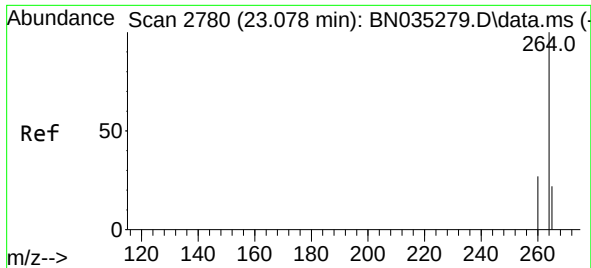
Ion Ratio Lower Upper

149 100

167 32.0 0.0 0.0#

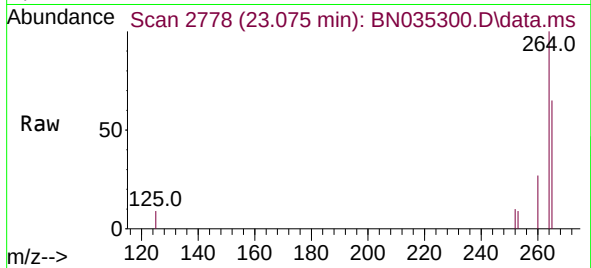
279 15.4 13.0 19.6





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.075 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

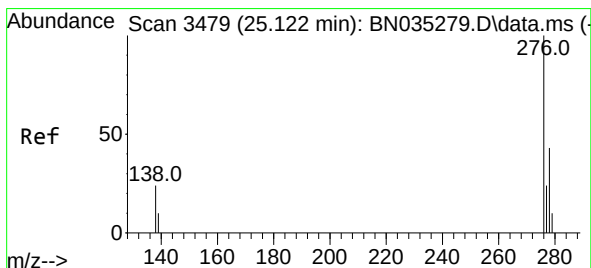
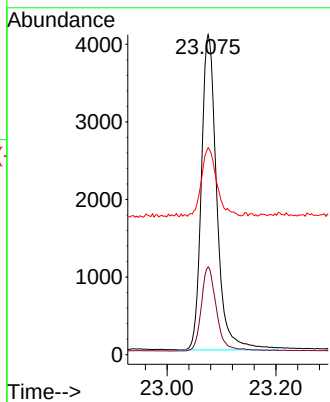
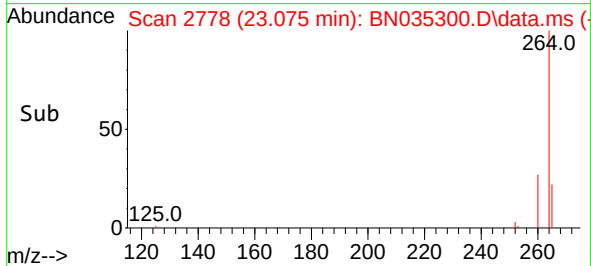
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:264 Resp: 800  
Ion Ratio Lower Upper  
264 100  
260 27.4 22.3 33.5  
265 64.7 68.6 103.0

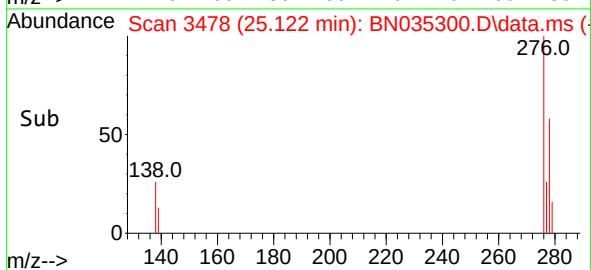
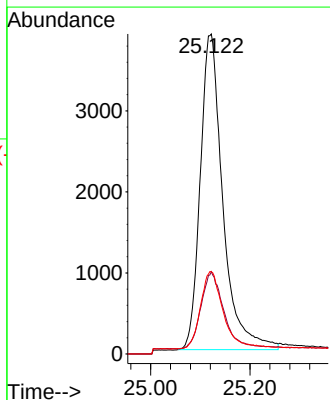
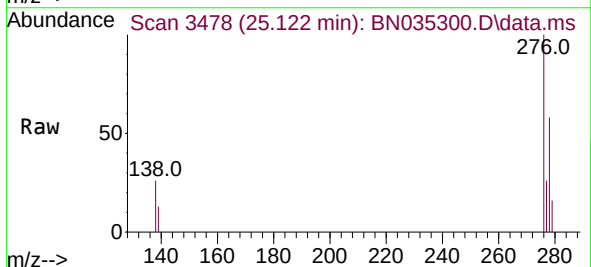
Manual Integrations  
APPROVED

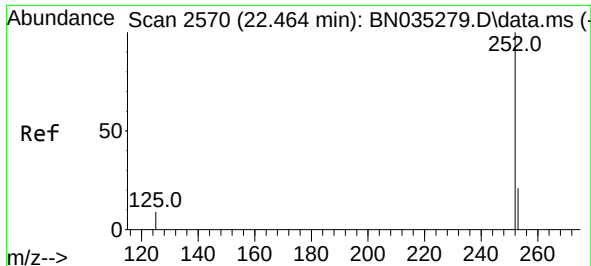
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.376 ng  
RT: 25.122 min Scan# 3478  
Delta R.T. 0.000 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

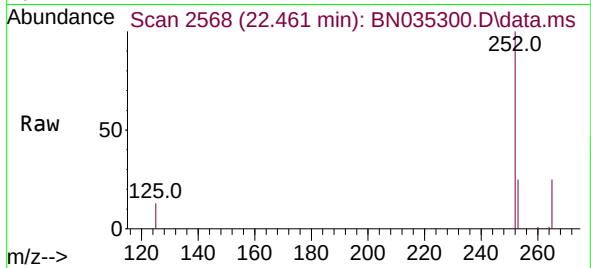
Tgt Ion:276 Resp: 12330  
Ion Ratio Lower Upper  
276 100  
138 23.7 18.8 28.2  
277 24.0 18.2 27.4





#37  
Benzo(b)fluoranthene  
Concen: 0.302 ng  
RT: 22.461 min Scan# 2568  
Delta R.T. -0.002 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

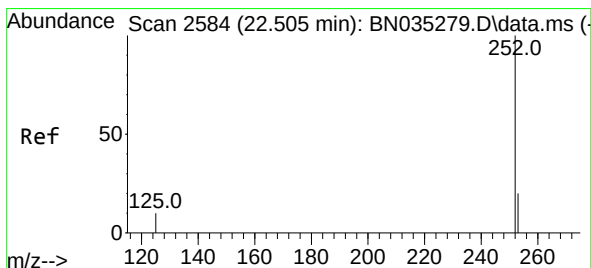
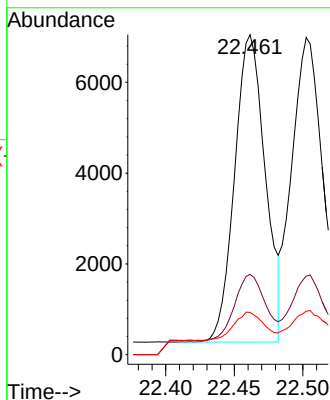
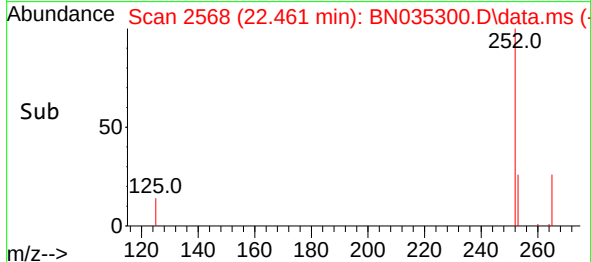
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



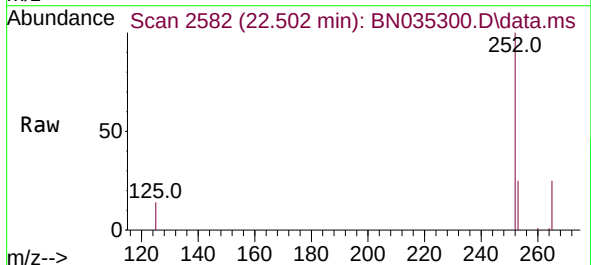
Tgt Ion:252 Resp: 10480  
Ion Ratio Lower Upper  
252 100  
253 25.1 20.2 30.2  
125 13.2 12.0 18.0

Manual Integrations  
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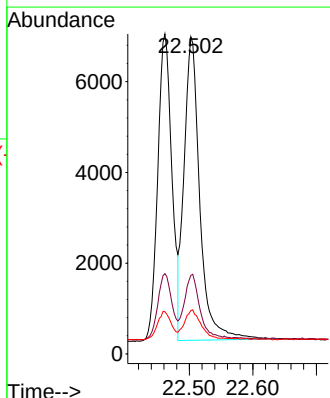
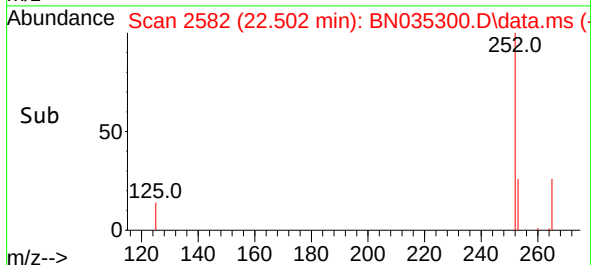
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024

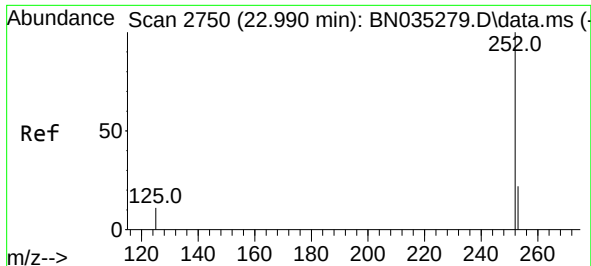


#38  
Benzo(k)fluoranthene  
Concen: 0.313 ng  
RT: 22.502 min Scan# 2582  
Delta R.T. -0.002 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14



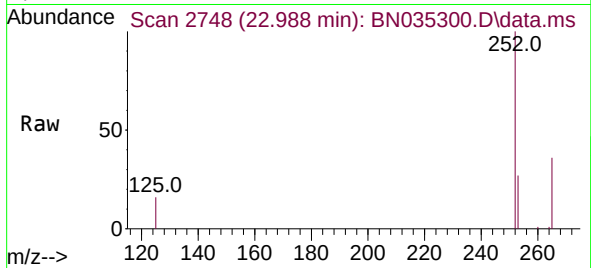
Tgt Ion:252 Resp: 11527  
Ion Ratio Lower Upper  
252 100  
253 24.8 20.1 30.1  
125 13.7 12.7 19.1





#39  
Benzo(a)pyrene  
Concen: 0.337 ng  
RT: 22.988 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

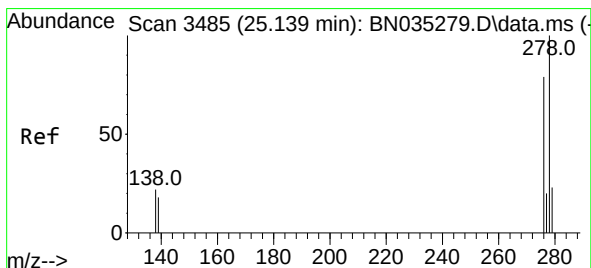
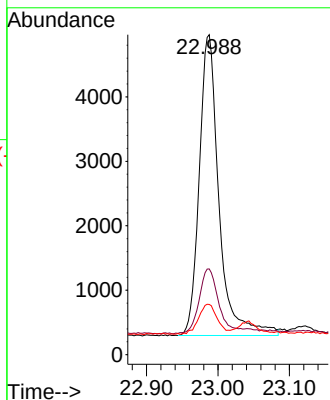
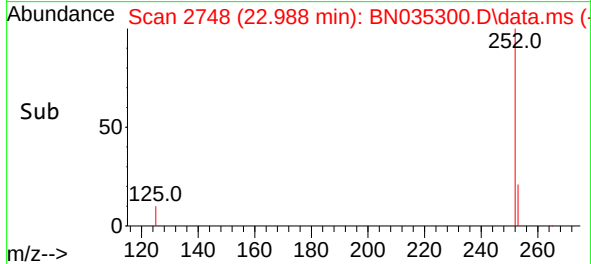
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:252 Resp: 8958  
Ion Ratio Lower Upper  
252 100  
253 26.8 22.3 33.5  
125 15.7 15.3 22.9

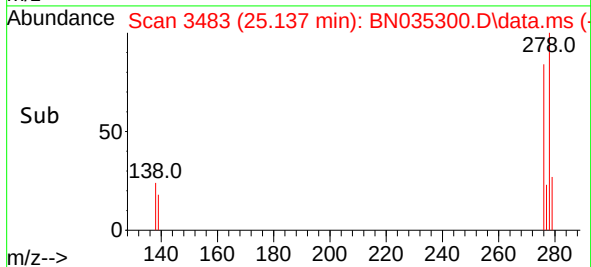
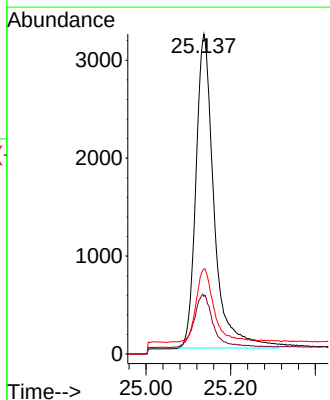
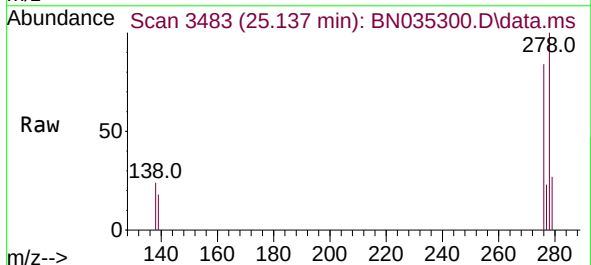
Manual Integrations  
APPROVED

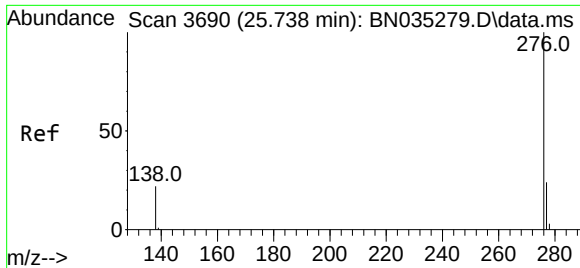
Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024



#40  
Dibenzo(a,h)anthracene  
Concen: 0.386 ng  
RT: 25.137 min Scan# 3483  
Delta R.T. -0.002 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

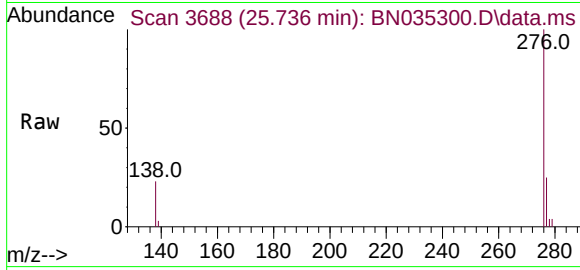
Tgt Ion:278 Resp: 9558  
Ion Ratio Lower Upper  
278 100  
139 18.0 17.0 25.6  
279 26.6 23.0 34.4





#41  
Benzo(g,h,i)perylene  
Concen: 0.372 ng  
RT: 25.736 min Scan# 30  
Delta R.T. -0.002 min  
Lab File: BN035300.D  
Acq: 26 Nov 2024 03:14

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:276 Resp: 1064  
Ion Ratio Lower Upper  
276 100  
277 25.2 21.1 31.7  
138 22.7 19.8 29.8

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/27/2024  
Supervised By :mohammad ahmed 11/27/2024

