

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050623\  
 Data File : BN025288.D  
 Acq On : 05 May 2023 20:49  
 Operator : CG/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023  
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 08 02:32:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 08 02:26:10 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.911  | 152  | 5972     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.718 | 136  | 18361    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.555 | 164  | 12144    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.298 | 188  | 27632    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.500 | 240  | 28604    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.942 | 264  | 31069    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.470  | 112  | 11007    | 0.757 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.080  | 99   | 13864    | 0.760 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.084  | 82   | 11197    | 0.743 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.313 | 152  | 19054    | 0.759 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.057 | 330  | 4560     | 0.735 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.176 | 172  | 31741    | 0.762 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.338 | 212  | 49755    | 0.728 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.932 | 244  | 42410    | 0.735 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.325  | 88   | 4832     | 0.770 | ng    | 95       |
| 3) n-Nitrosodimethylamine     | 3.657  | 42   | 7513     | 0.785 | ng    | 99       |
| 6) bis(2-Chloroethyl)ether    | 7.333  | 93   | 12196    | 0.758 | ng    | 99       |
| 9) Naphthalene                | 10.771 | 128  | 34952    | 0.742 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.049 | 225  | 6639     | 0.745 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.385 | 142  | 25036    | 0.752 | ng    | 99       |
| 16) Acenaphthylene            | 14.277 | 152  | 40336    | 0.742 | ng    | 99       |
| 17) Acenaphthene              | 14.619 | 154  | 25204    | 0.745 | ng    | 100      |
| 18) Fluorene                  | 15.603 | 166  | 34508    | 0.745 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.734 | 198  | 2323     | 0.665 | ng    | # 43     |
| 21) 4-Bromophenyl-phenylether | 16.492 | 248  | 11360    | 0.738 | ng    | # 90     |
| 22) Hexachlorobenzene         | 16.616 | 284  | 12404    | 0.746 | ng    | 99       |
| 23) Atrazine                  | 16.765 | 200  | 9611     | 0.713 | ng    | 97       |
| 24) Pentachlorophenol         | 17.050 | 266  | 2601m    | 0.662 | ng    |          |
| 25) Phenanthrene              | 17.348 | 178  | 56437    | 0.738 | ng    | 99       |
| 26) Anthracene                | 17.435 | 178  | 52798    | 0.737 | ng    | 100      |
| 28) Fluoranthene              | 19.367 | 202  | 68807    | 0.720 | ng    | 100      |
| 30) Pyrene                    | 19.734 | 202  | 71532    | 0.732 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.482 | 228  | 70843    | 0.733 | ng    | 99       |
| 33) Chrysene                  | 21.535 | 228  | 69315    | 0.720 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.401 | 149  | 52373    | 0.690 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.486 | 276  | 91464    | 0.733 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.196 | 252  | 73668    | 0.748 | ng    | 94       |
| 38) Benzo(k)fluoranthene      | 23.243 | 252  | 76690    | 0.741 | ng    | 95       |
| 39) Benzo(a)pyrene            | 23.840 | 252  | 75731    | 0.751 | ng    | # 93     |
| 40) Dibenzo(a,h)anthracene    | 26.506 | 278  | 73348    | 0.742 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 27.266 | 276  | 79199    | 0.733 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

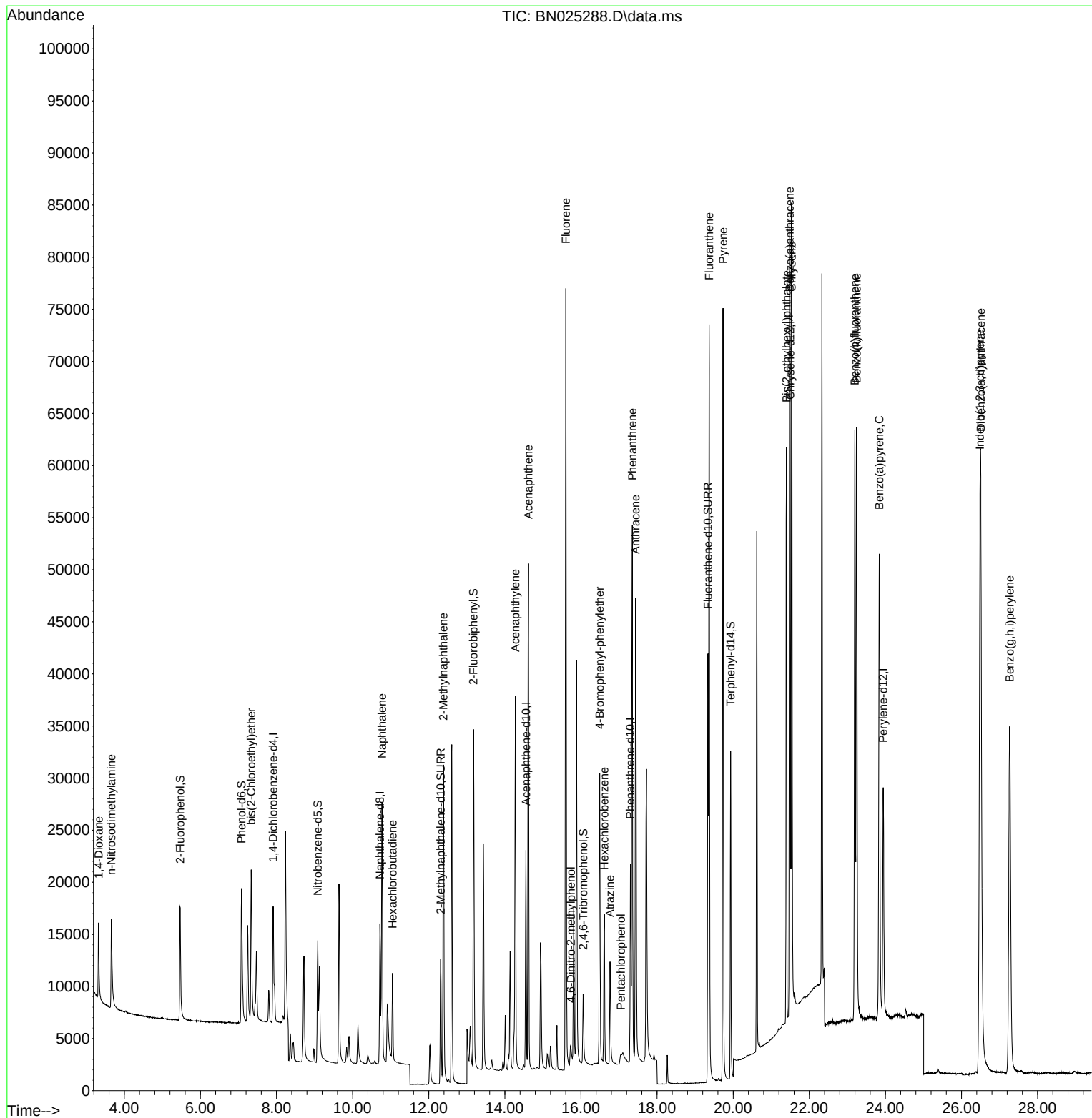
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050623\  
Data File : BN025288.D  
Acq On : 05 May 2023 20:49  
Operator : CG/JU  
Sample : SSTDICC0.8  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

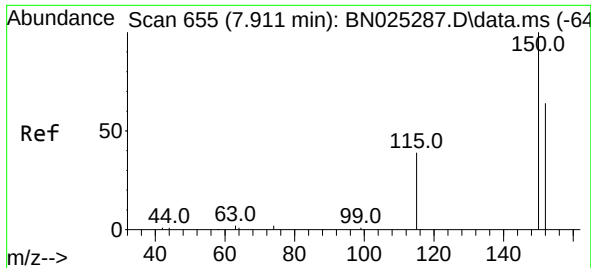
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

Quant Time: May 08 02:32:07 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 08 02:26:10 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

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Supervised By : Jagrut Upadhyay 05/08/2023





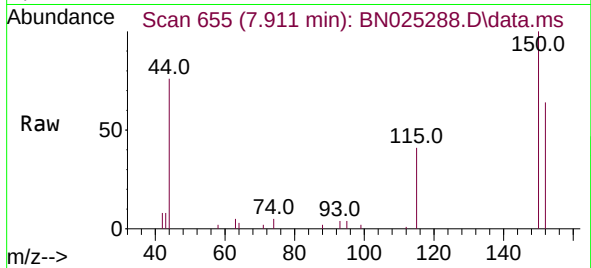
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.911 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN025288.D  
 Acq: 05 May 2023 20:49

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.8

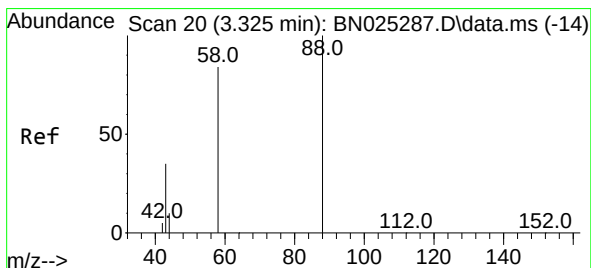
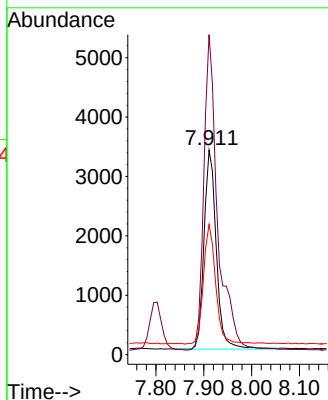
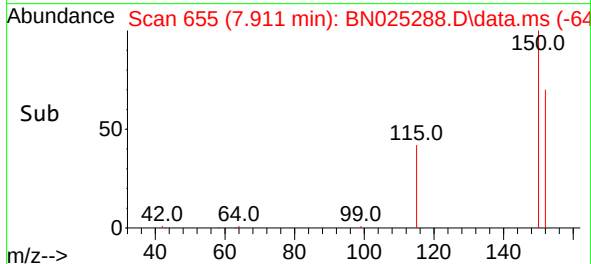


Tgt Ion: 152 Resp: 5972  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 123.8 185.8  
 115 63.7 52.9 79.3

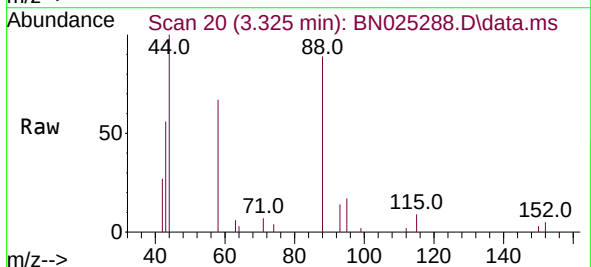
Manual Integrations

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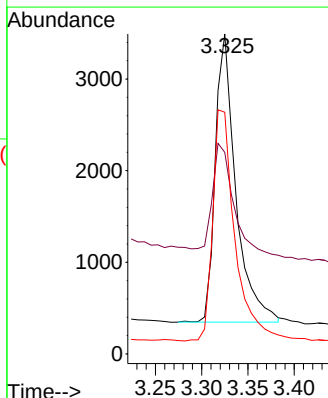
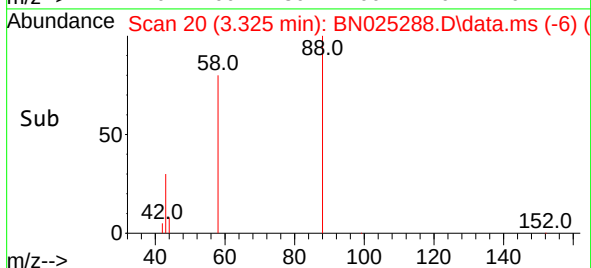
Reviewed By :Christian Giraldo 05/08/2023  
 Supervised By :Jagrut Upadhyay 05/08/2023

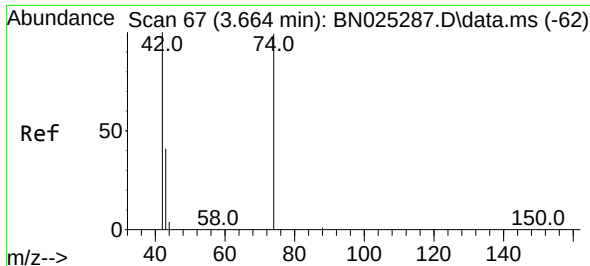


#2  
 1,4-Dioxane  
 Concen: 0.770 ng  
 RT: 3.325 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: BN025288.D  
 Acq: 05 May 2023 20:49



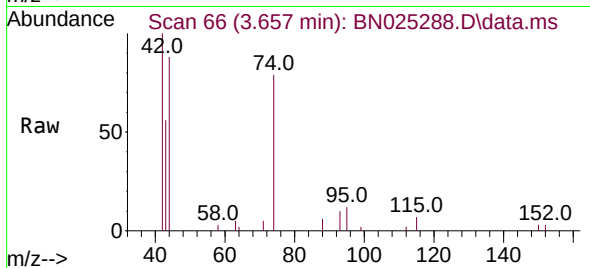
Tgt Ion: 88 Resp: 4832  
 Ion Ratio Lower Upper  
 88 100  
 43 40.4 37.2 55.8  
 58 87.1 71.5 107.3





#3  
n-Nitrosodimethylamine  
Concen: 0.785 ng  
RT: 3.657 min Scan# 60  
Delta R.T. -0.007 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

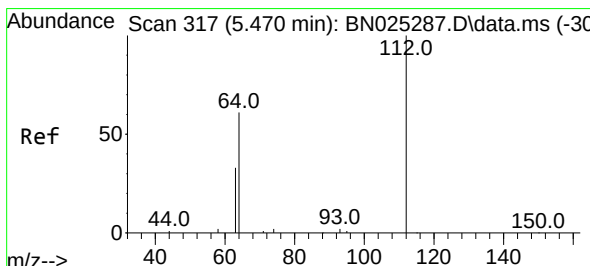
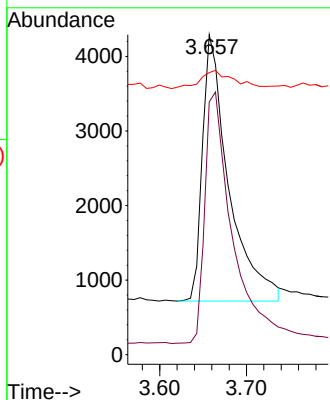
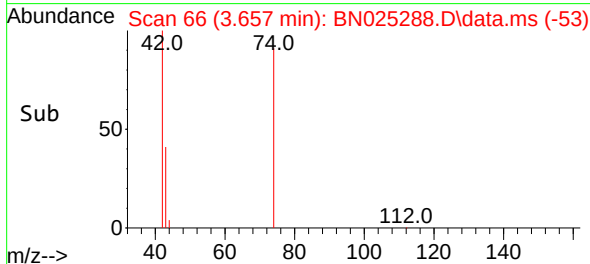
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



Tgt Ion: 42 Resp: 751  
Ion Ratio Lower Upper  
42 100  
74 98.5 79.9 119.9  
44 8.6 7.0 10.6

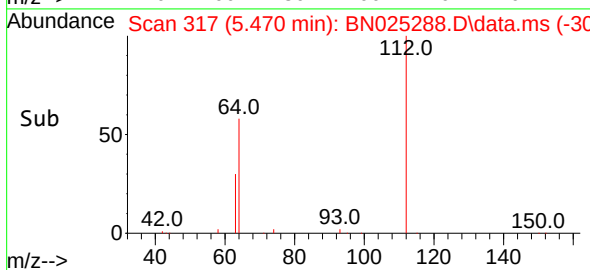
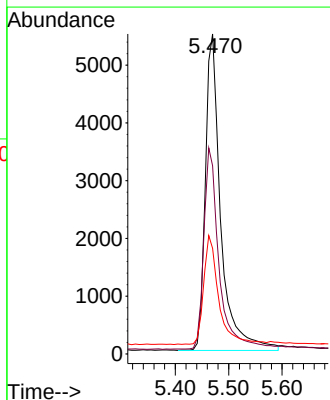
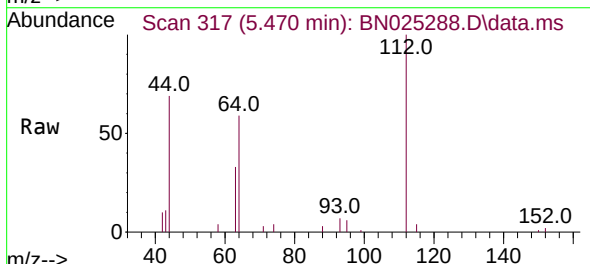
Manual Integrations  
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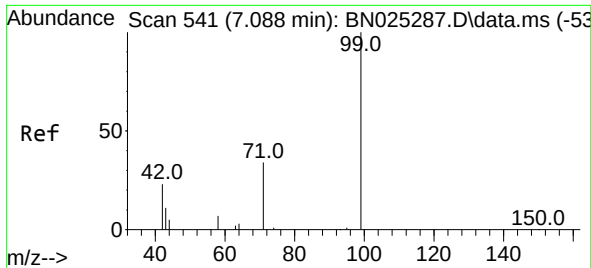
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#4  
2-Fluorophenol  
Concen: 0.757 ng  
RT: 5.470 min Scan# 317  
Delta R.T. -0.000 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

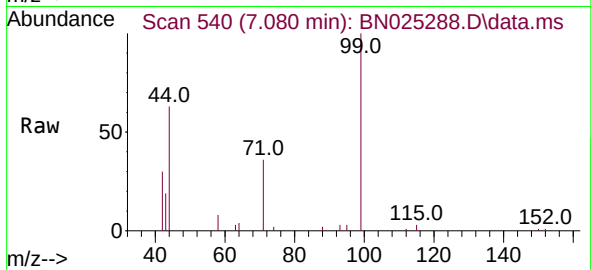
Tgt Ion:112 Resp: 11007  
Ion Ratio Lower Upper  
112 100  
64 62.8 51.5 77.3  
63 33.7 27.8 41.6





#5  
Phenol-d6  
Concen: 0.760 ng  
RT: 7.080 min Scan# 541  
Delta R.T. -0.007 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

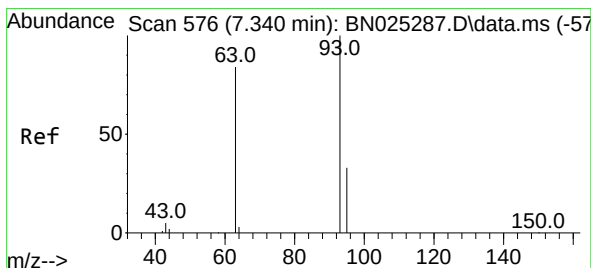
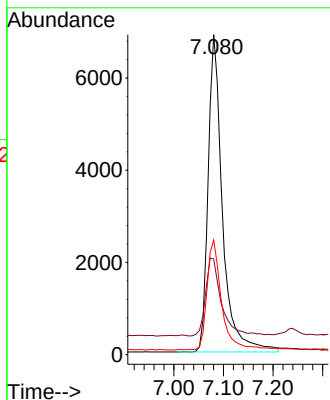
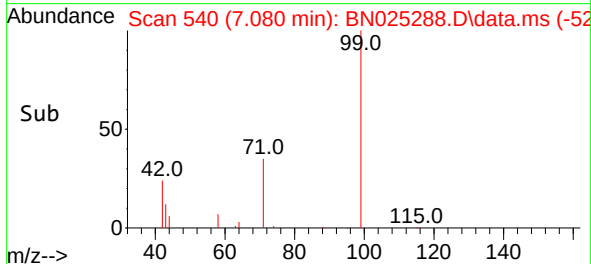
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



Tgt Ion: 99 Resp: 13864  
Ion Ratio Lower Upper  
99 100  
42 27.5 22.0 33.0  
71 35.6 28.7 43.1

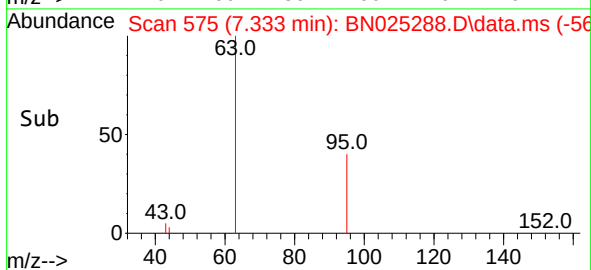
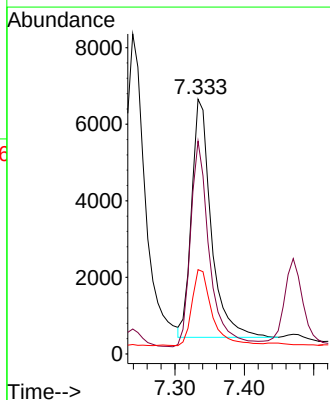
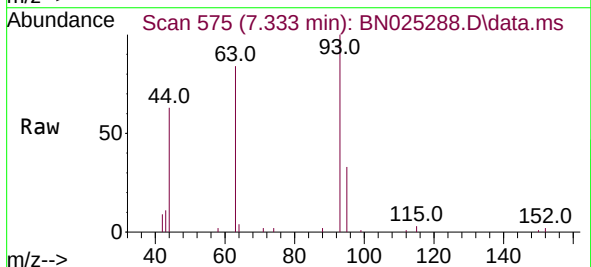
Manual Integrations  
APPROVED

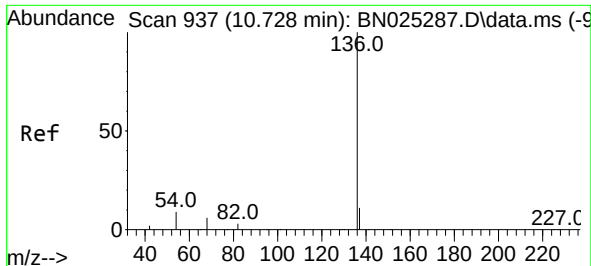
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#6  
bis(2-Chloroethyl)ether  
Concen: 0.758 ng  
RT: 7.333 min Scan# 575  
Delta R.T. -0.007 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

Tgt Ion: 93 Resp: 12196  
Ion Ratio Lower Upper  
93 100  
63 83.5 67.8 101.6  
95 32.4 26.7 40.1





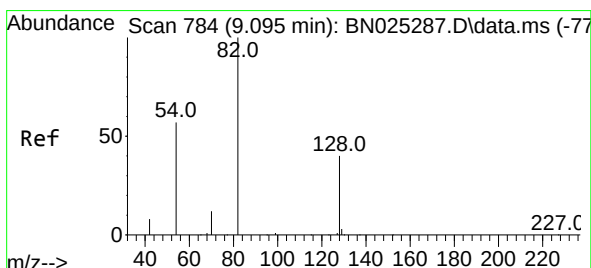
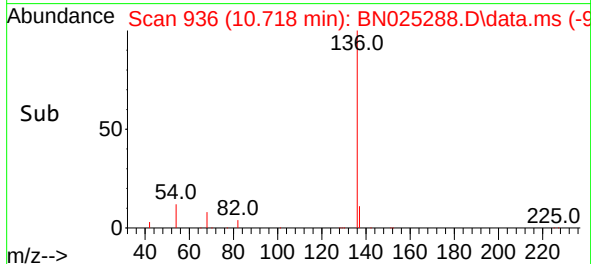
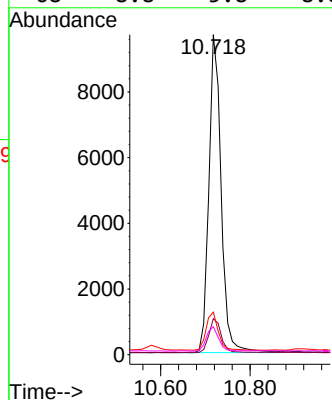
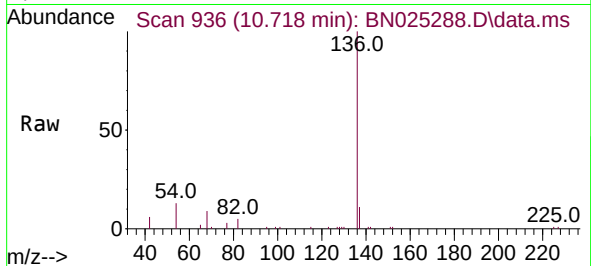
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.718 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 1836 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 11.3  | 9.4   | 14.2 |
| 54        | 13.3  | 8.5   | 12.7 |
| 68        | 8.8   | 5.8   | 8.8  |

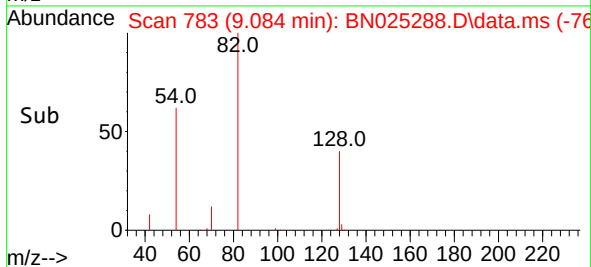
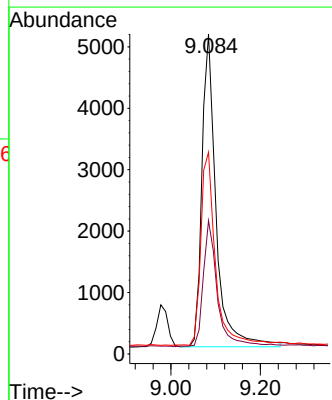
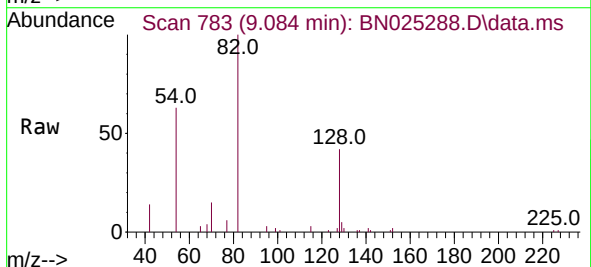
Manual Integrations  
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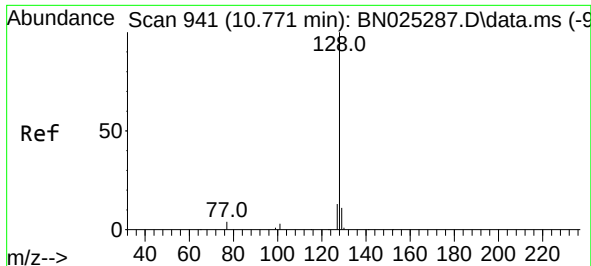
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#8  
Nitrobenzene-d5  
Concen: 0.743 ng  
RT: 9.084 min Scan# 783  
Delta R.T. -0.011 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 11197 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 41.6  | 35.3  | 52.9  |
| 54        | 63.1  | 48.7  | 73.1  |





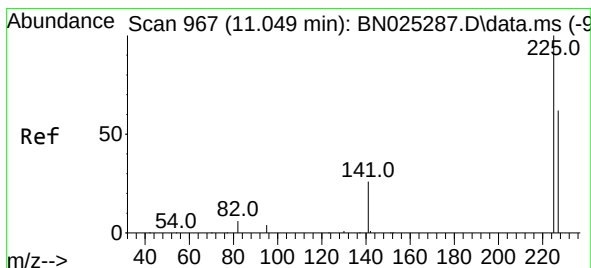
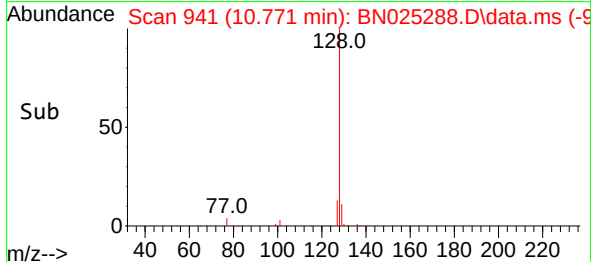
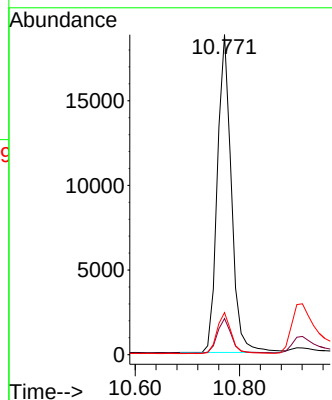
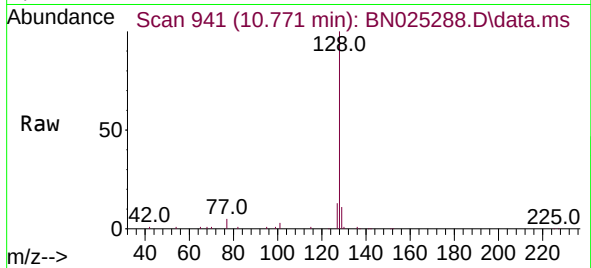
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Naphthalene  
Concen: 0.742 ng  
RT: 10.771 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

Tgt Ion:128 Resp: 34952  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.4 14.2  
127 13.1 11.0 16.6

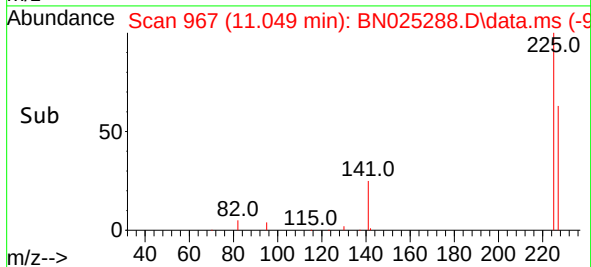
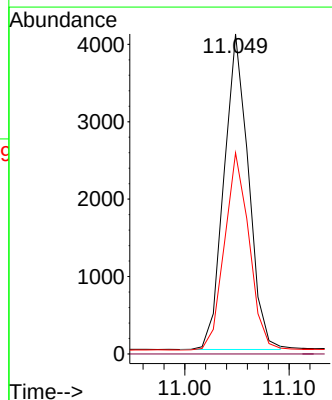
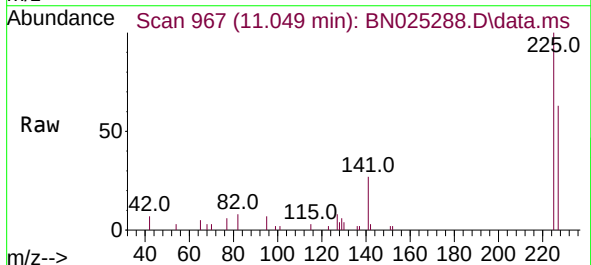
Manual Integrations  
APPROVED

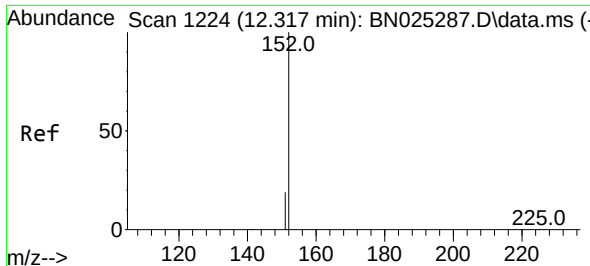
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#10  
Hexachlorobutadiene  
Concen: 0.745 ng  
RT: 11.049 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

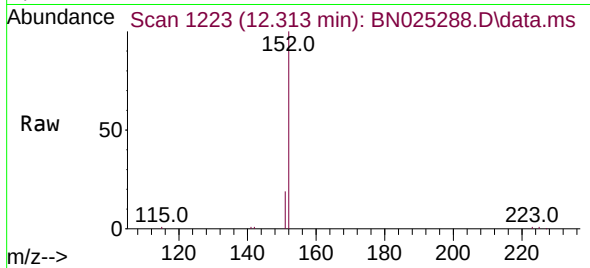
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 62.7 49.8 74.8





#11  
2-Methylnaphthalene-d10  
Concen: 0.759 ng  
RT: 12.313 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

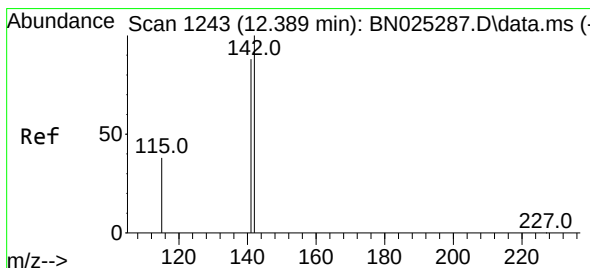
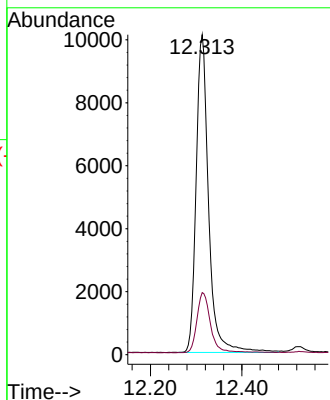
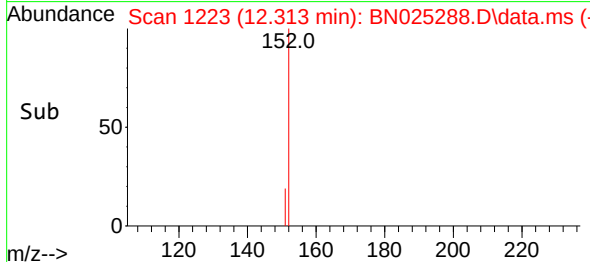
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



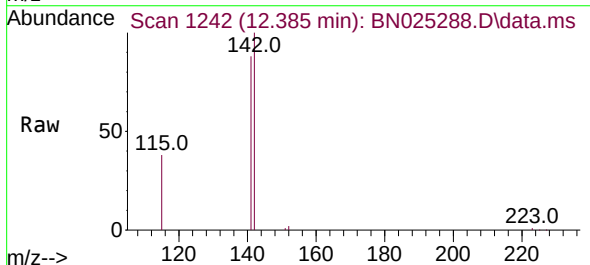
Tgt Ion:152 Resp: 19054  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.4 24.6

Manual Integrations  
APPROVED

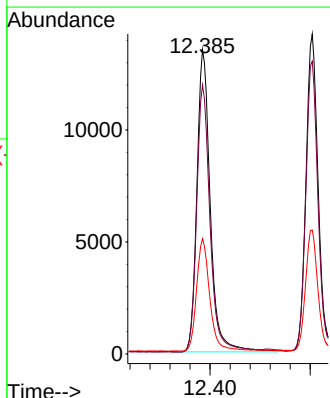
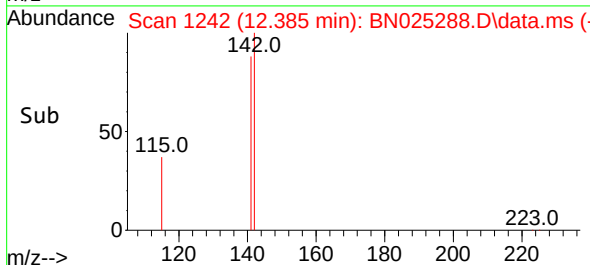
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



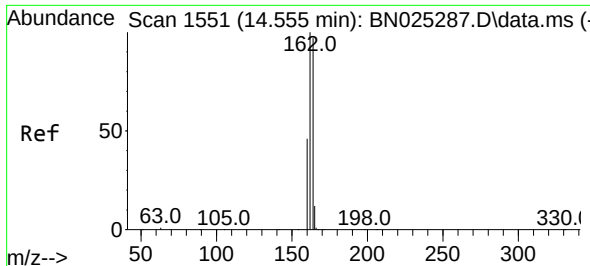
#12  
2-Methylnaphthalene  
Concen: 0.752 ng  
RT: 12.385 min Scan# 1242  
Delta R.T. -0.004 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49



Tgt Ion:142 Resp: 25036  
Ion Ratio Lower Upper  
142 100  
141 88.4 70.5 105.7  
115 37.9 31.6 47.4

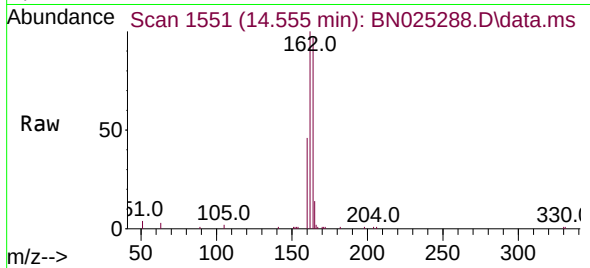






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.555 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

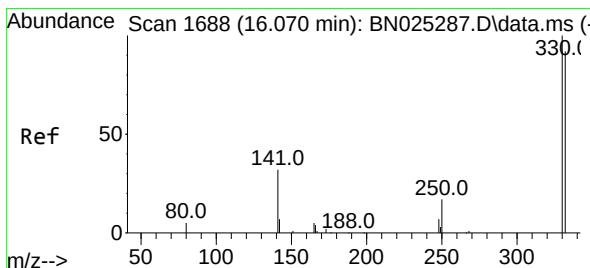
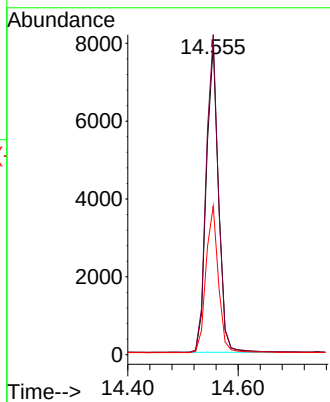
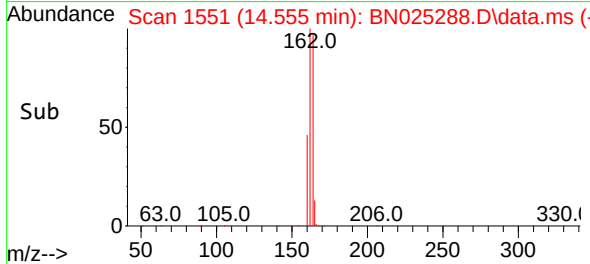
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



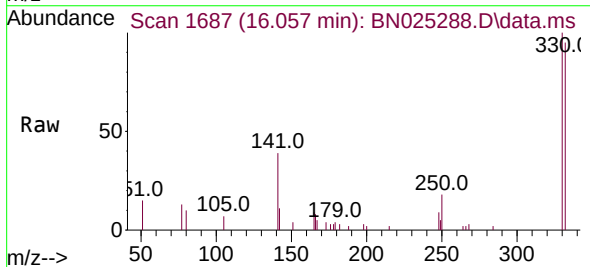
Tgt Ion:164 Resp: 1214  
Ion Ratio Lower Upper  
164 100  
162 103.2 82.1 123.1  
160 47.9 38.3 57.5

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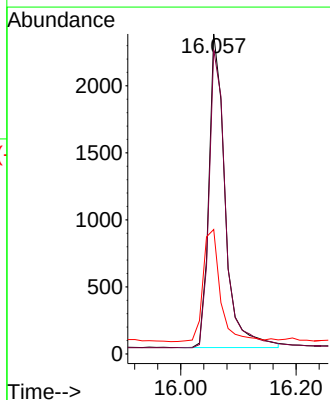
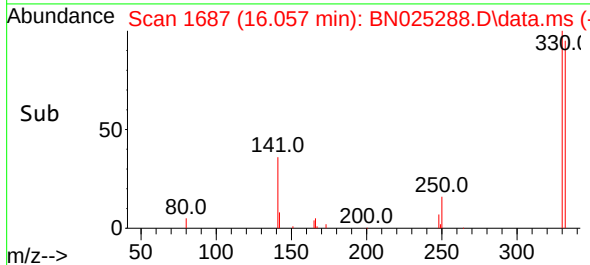
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023

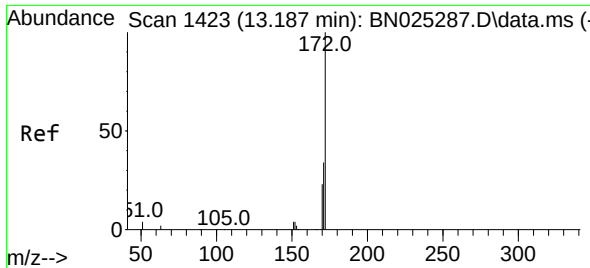


#14  
2,4,6-Tribromophenol  
Concen: 0.735 ng  
RT: 16.057 min Scan# 1687  
Delta R.T. -0.013 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49



Tgt Ion:330 Resp: 4560  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.4 116.0  
141 38.0 28.9 43.3





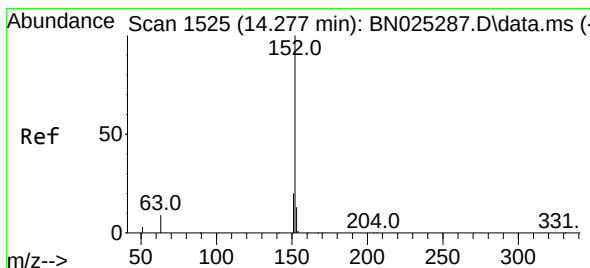
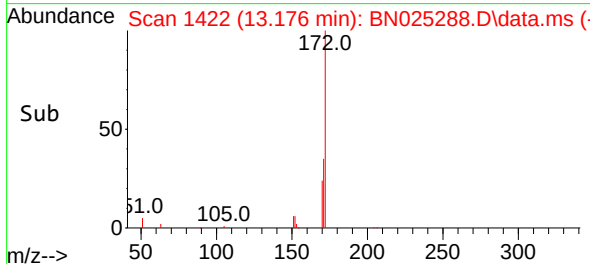
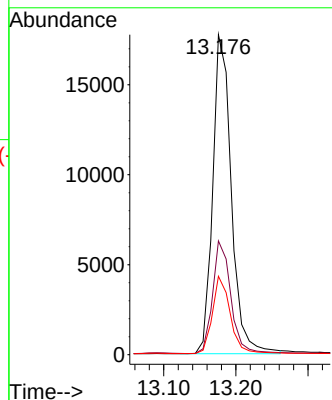
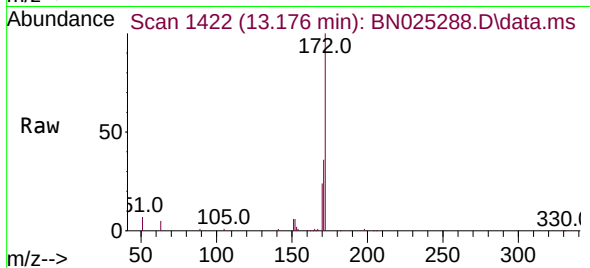
#15  
2-Fluorobiphenyl  
Concen: 0.762 ng  
RT: 13.176 min Scan# 1423  
Delta R.T. -0.011 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8

Tgt Ion:172 Resp: 3174  
Ion Ratio Lower Upper  
172 100  
171 35.6 27.9 41.9  
170 24.5 19.0 28.4

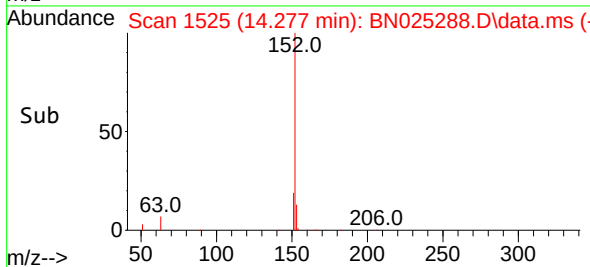
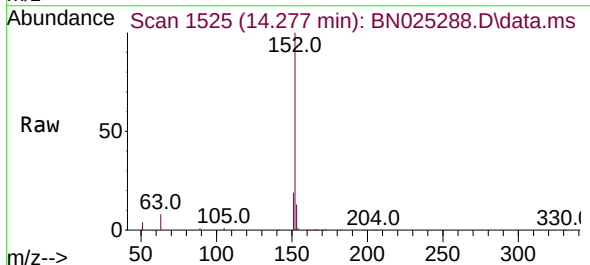
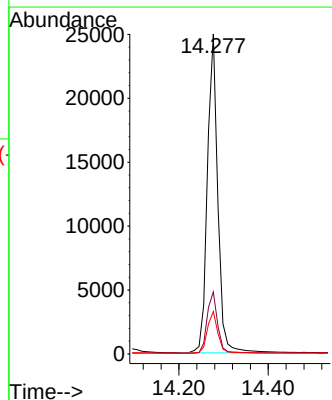
Manual Integrations  
APPROVED

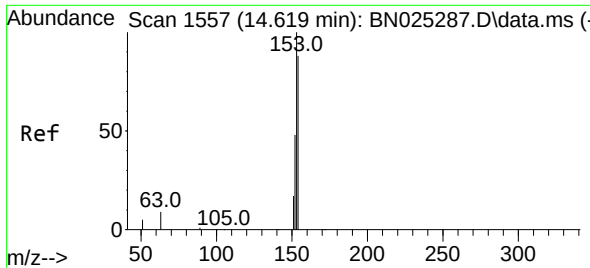
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#16  
Acenaphthylene  
Concen: 0.742 ng  
RT: 14.277 min Scan# 1525  
Delta R.T. -0.000 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

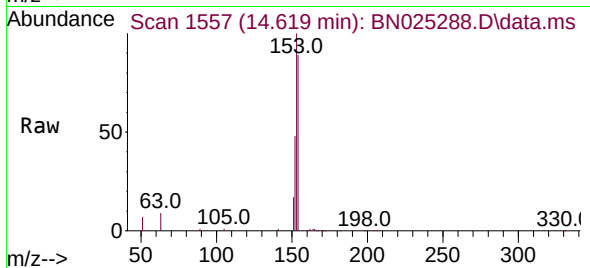
Tgt Ion:152 Resp: 40336  
Ion Ratio Lower Upper  
152 100  
151 19.5 16.1 24.1  
153 13.2 10.3 15.5





#17  
Acenaphthene  
Concen: 0.745 ng  
RT: 14.619 min Scan# 1557  
Delta R.T. -0.000 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

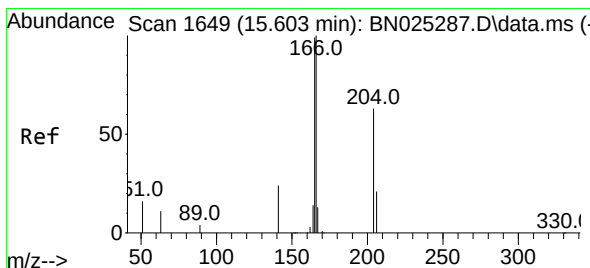
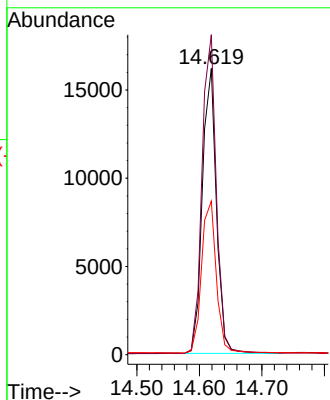
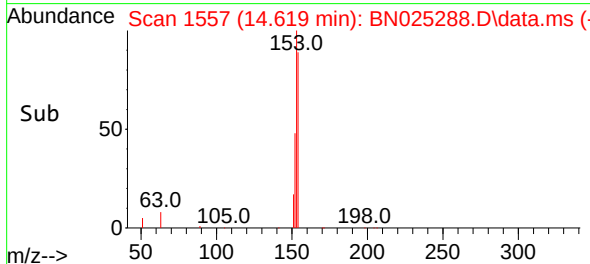
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



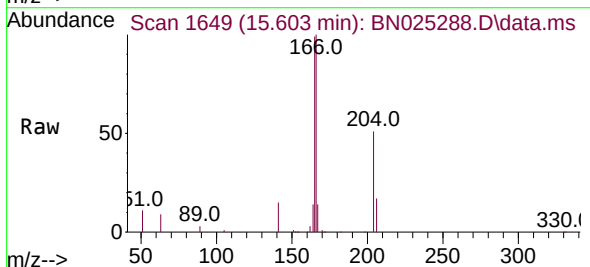
Tgt Ion:154 Resp: 25204  
Ion Ratio Lower Upper  
154 100  
153 114.2 91.3 136.9  
152 56.0 44.7 67.1

Manual Integrations  
APPROVED

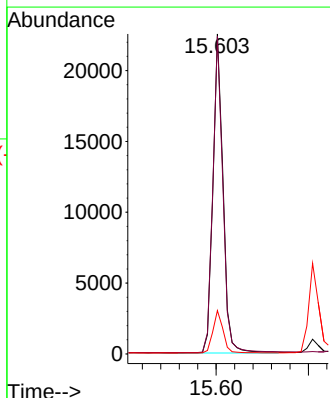
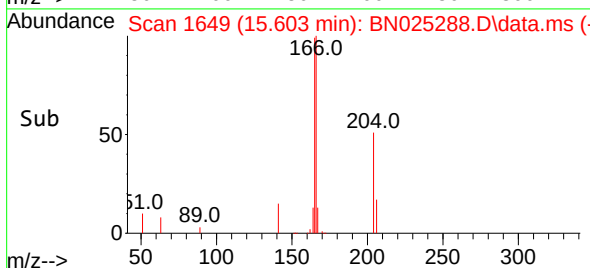
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023

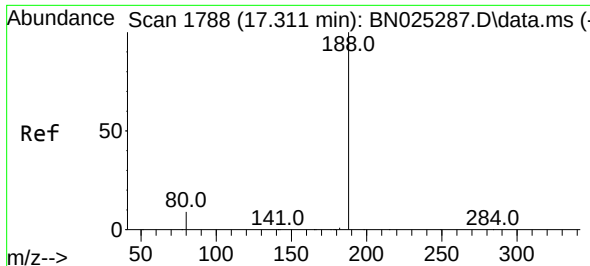


#18  
Fluorene  
Concen: 0.745 ng  
RT: 15.603 min Scan# 1649  
Delta R.T. -0.000 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49



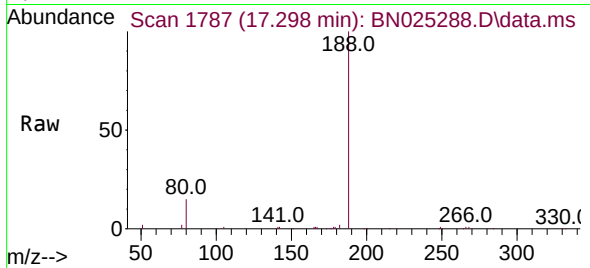
Tgt Ion:166 Resp: 34508  
Ion Ratio Lower Upper  
166 100  
165 99.4 79.0 118.4  
167 13.3 10.3 15.5





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.298 min Scan# 11  
Delta R.T. -0.013 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

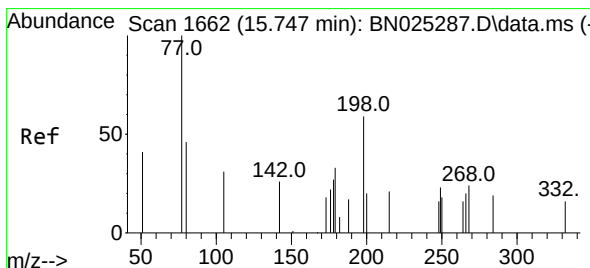
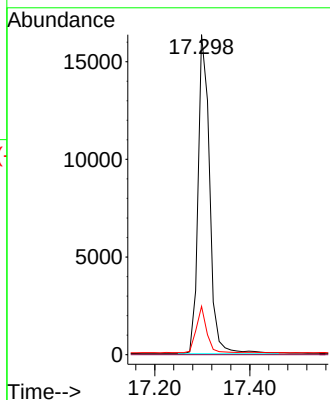
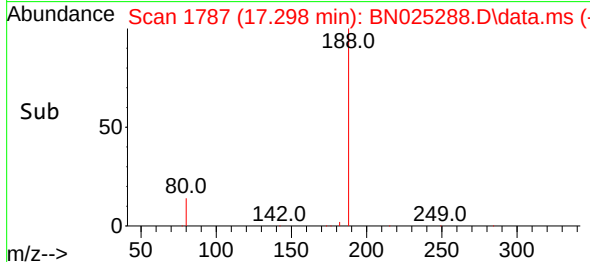
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



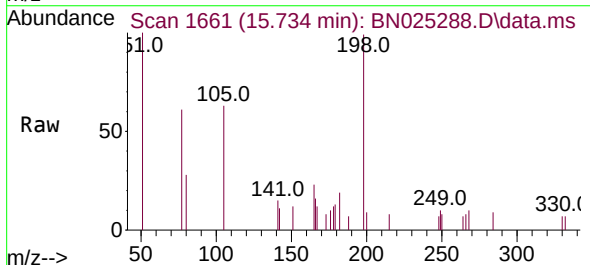
Tgt Ion:188 Resp: 27632  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.1 8.0 12.0

Manual Integrations  
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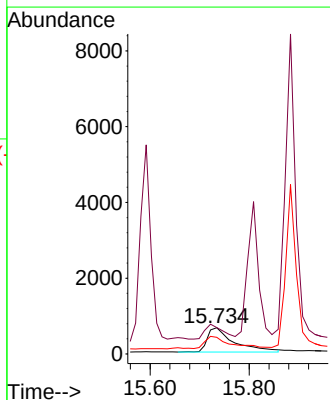
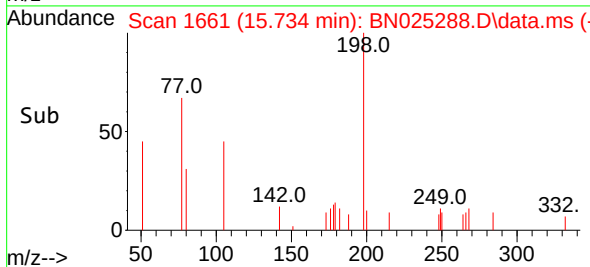
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023

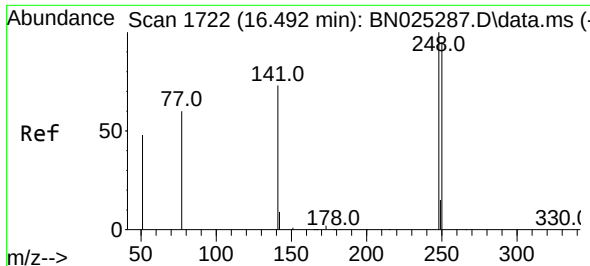


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.665 ng  
RT: 15.734 min Scan# 1661  
Delta R.T. -0.013 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49



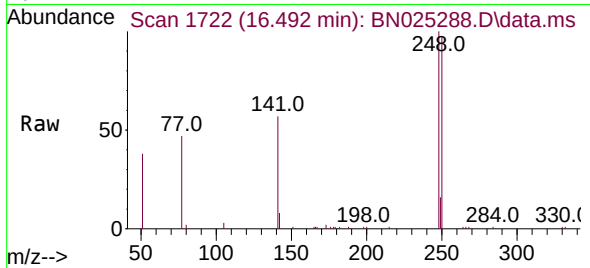
Tgt Ion:198 Resp: 2323  
Ion Ratio Lower Upper  
198 100  
51 100.9 162.1 243.1#  
105 63.5 83.1 124.7#





#21  
4-Bromophenyl-phenylether  
Concen: 0.738 ng  
RT: 16.492 min Scan# 1722  
Delta R.T. -0.000 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

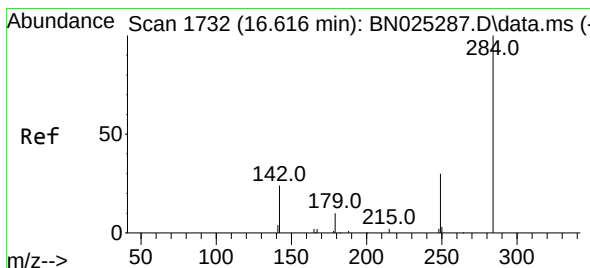
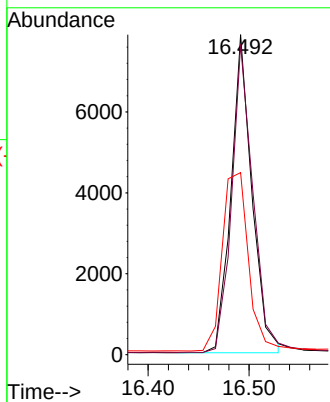
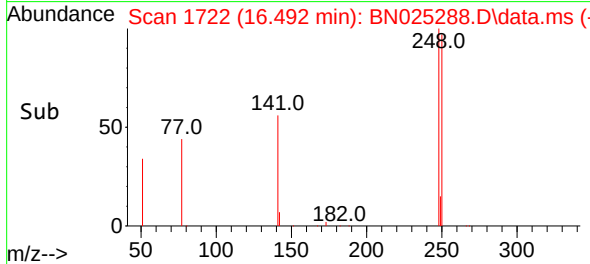
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



Tgt Ion:248 Resp: 11360  
Ion Ratio Lower Upper  
248 100  
250 96.9 76.0 114.0  
141 56.9 59.9 89.9

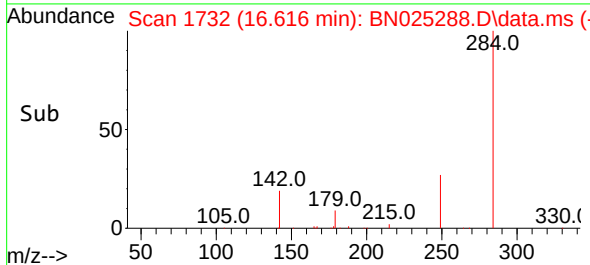
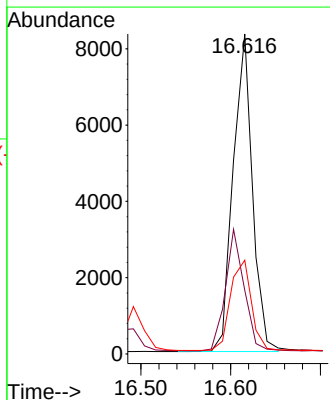
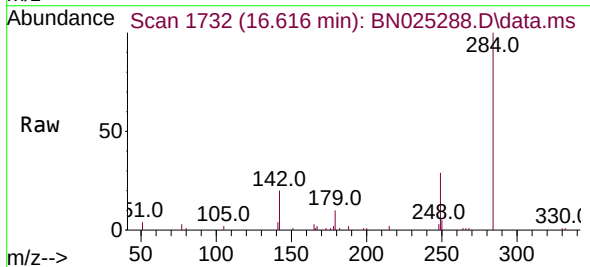
Manual Integrations  
APPROVED

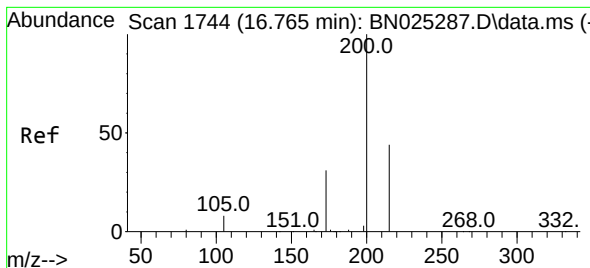
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#22  
Hexachlorobenzene  
Concen: 0.746 ng  
RT: 16.616 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

Tgt Ion:284 Resp: 12404  
Ion Ratio Lower Upper  
284 100  
142 37.2 30.0 45.0  
249 30.9 25.0 37.6





#23

Atrazine

Concen: 0.713 ng

RT: 16.765 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BN025288.D

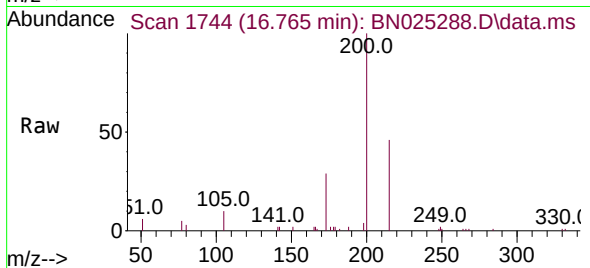
Acq: 05 May 2023 20:49

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.8



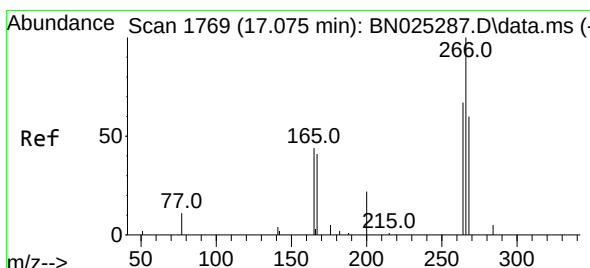
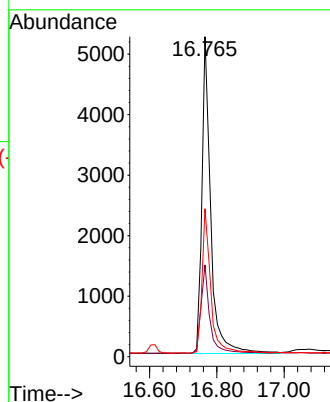
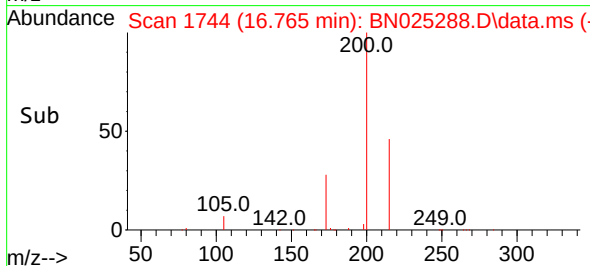
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 961  |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 28.6  | 26.3  | 39.5 |
| 215       | 46.3  | 37.2  | 55.8 |

Manual Integrations

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Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#24

Pentachlorophenol

Concen: 0.662 ng m

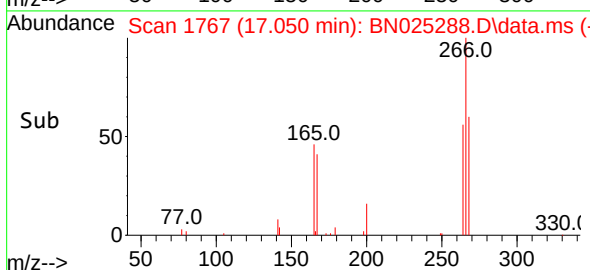
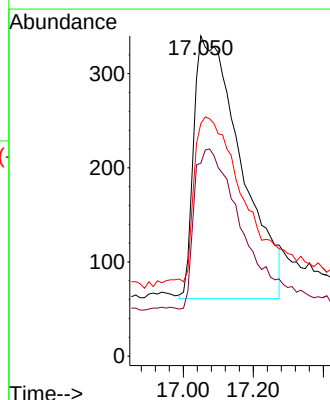
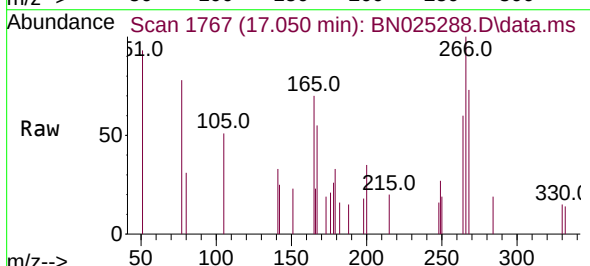
RT: 17.050 min Scan# 1767

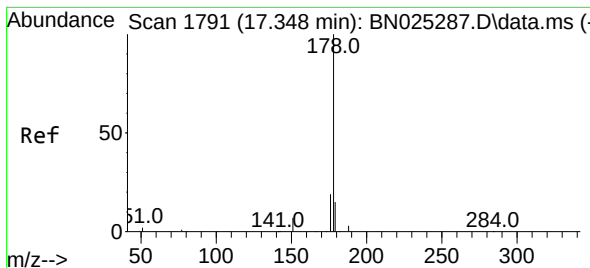
Delta R.T. -0.025 min

Lab File: BN025288.D

Acq: 05 May 2023 20:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 2601  |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 0.0   | 43.0  | 64.4# |
| 268       | 0.0   | 47.4  | 71.2# |





#25

Phenanthrene

Concen: 0.738 ng

RT: 17.348 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BN025288.D

Acq: 05 May 2023 20:49

Instrument :

BNA\_N

ClientSampleId :

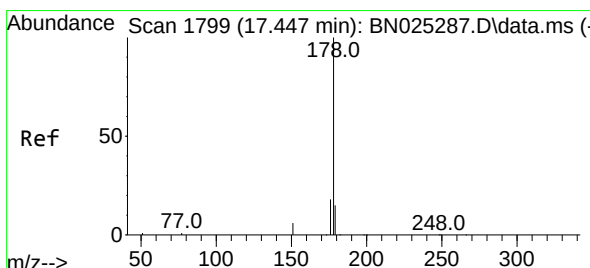
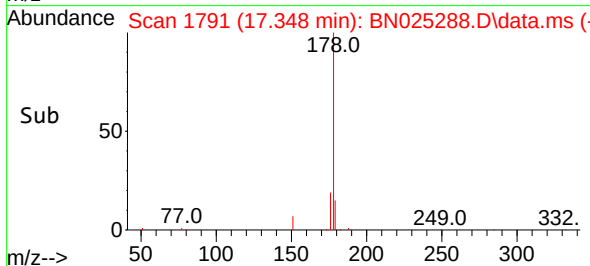
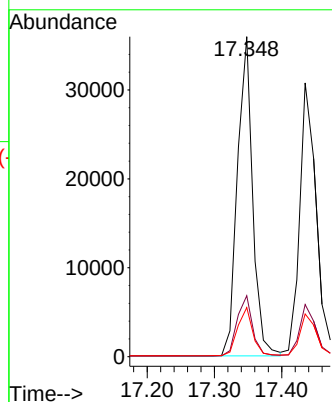
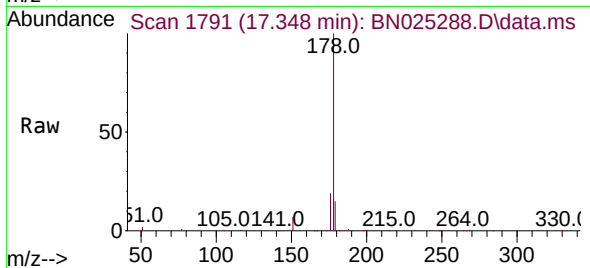
SSTDICC0.8

|             |             |
|-------------|-------------|
| Tgt Ion:178 | Resp: 5643  |
| Ion Ratio   | Lower Upper |
| 178 100     |             |
| 176 19.2    | 15.5 23.3   |
| 179 15.2    | 12.4 18.6   |

Manual Integrations

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Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#26

Anthracene

Concen: 0.737 ng

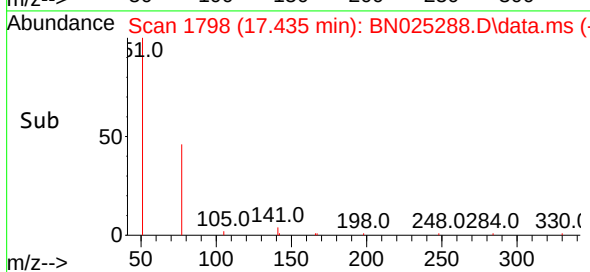
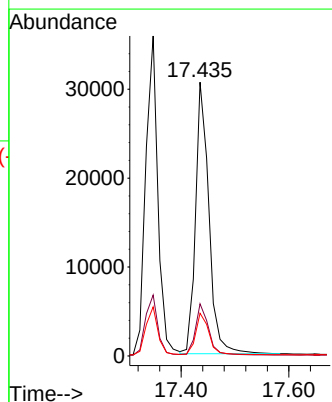
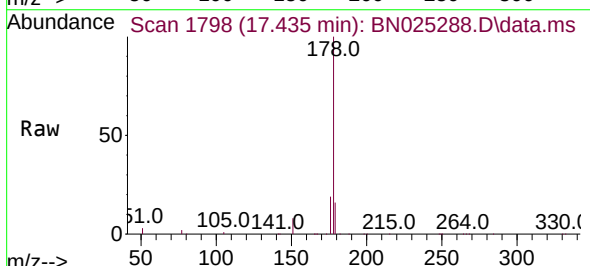
RT: 17.435 min Scan# 1798

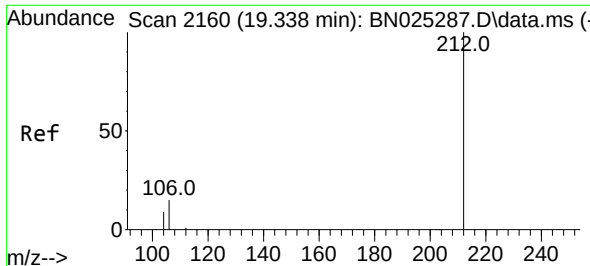
Delta R.T. -0.012 min

Lab File: BN025288.D

Acq: 05 May 2023 20:49

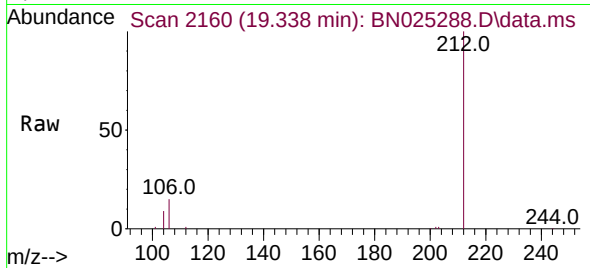
|             |             |
|-------------|-------------|
| Tgt Ion:178 | Resp: 52798 |
| Ion Ratio   | Lower Upper |
| 178 100     |             |
| 176 18.5    | 14.9 22.3   |
| 179 15.3    | 12.0 18.0   |





#27  
Fluoranthene-d10  
Concen: 0.728 ng  
RT: 19.338 min Scan# 2160  
Delta R.T. -0.000 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

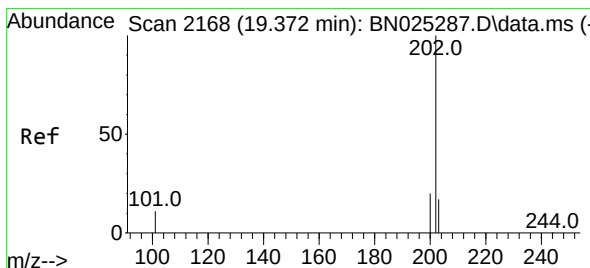
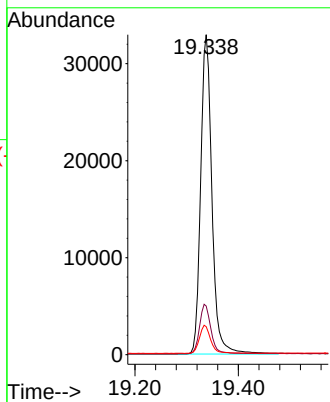
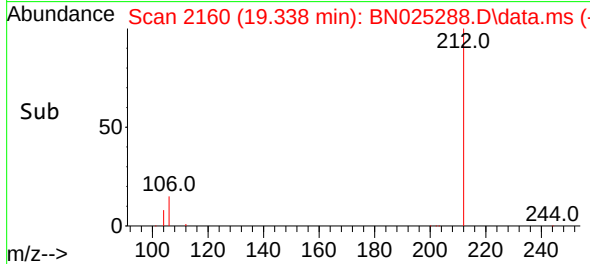
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



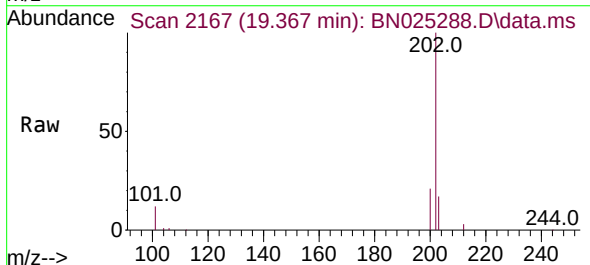
Tgt Ion:212 Resp: 4975  
Ion Ratio Lower Upper  
212 100  
106 15.4 12.6 19.0  
104 8.7 7.0 10.6

Manual Integrations  
APPROVED

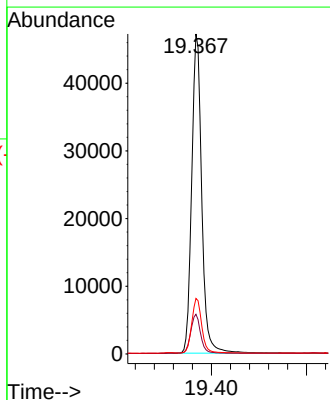
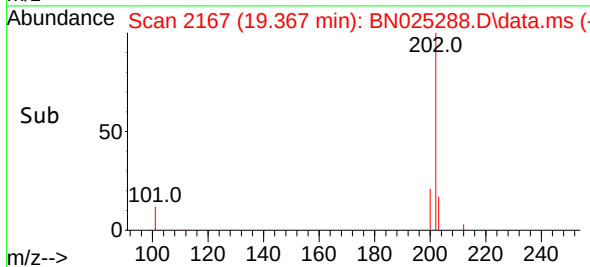
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



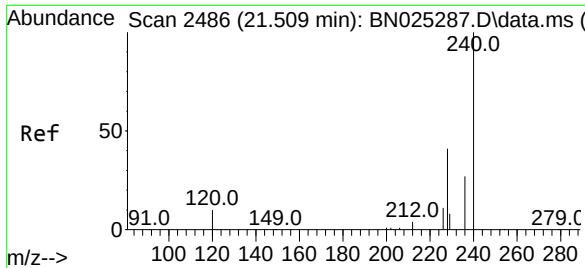
#28  
Fluoranthene  
Concen: 0.720 ng  
RT: 19.367 min Scan# 2167  
Delta R.T. -0.004 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49



Tgt Ion:202 Resp: 68807  
Ion Ratio Lower Upper  
202 100  
101 12.1 9.8 14.8  
203 17.0 13.5 20.3

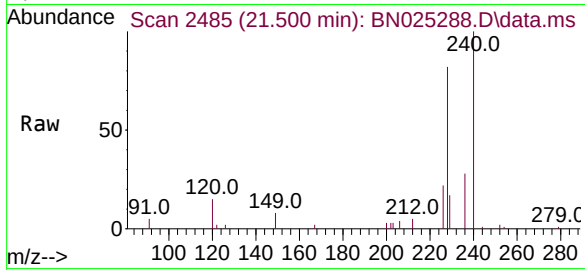






#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.500 min Scan# 2486  
Delta R.T. -0.009 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

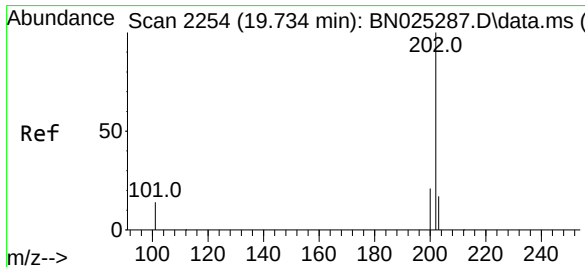
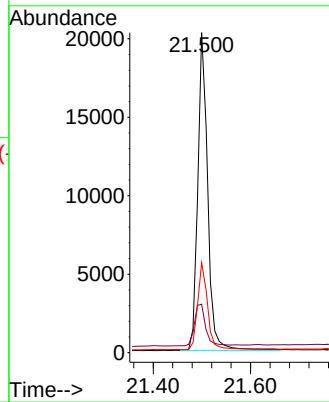
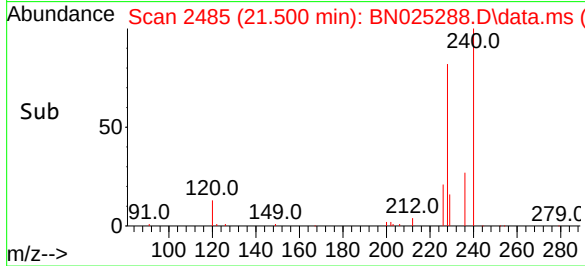
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



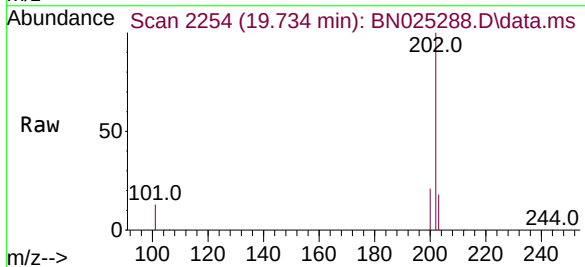
Tgt Ion:240 Resp: 28604  
Ion Ratio Lower Upper  
240 100  
120 15.2 10.3 15.5  
236 28.1 22.3 33.5

Manual Integrations  
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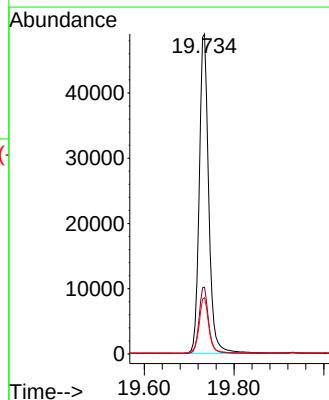
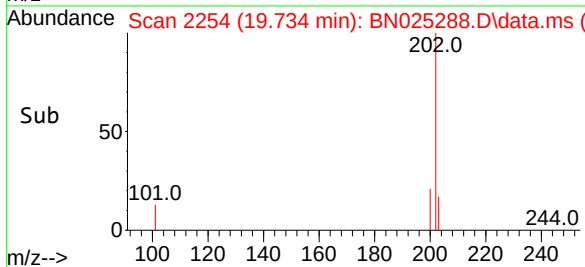
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023

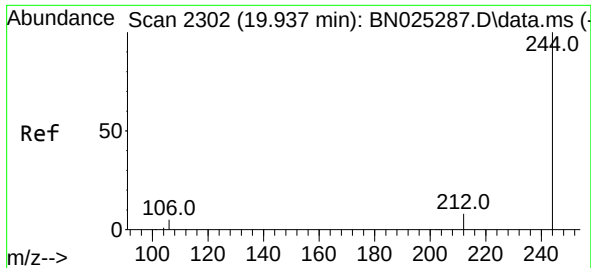


#30  
Pyrene  
Concen: 0.732 ng  
RT: 19.734 min Scan# 2254  
Delta R.T. -0.000 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49



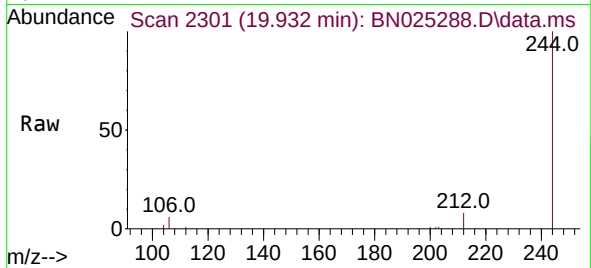
Tgt Ion:202 Resp: 71532  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.8 25.2  
203 17.9 14.4 21.6





#31  
Terphenyl-d14  
Concen: 0.735 ng  
RT: 19.932 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

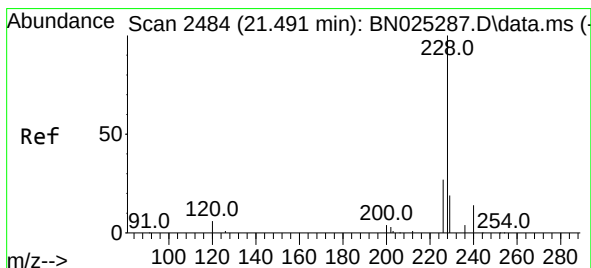
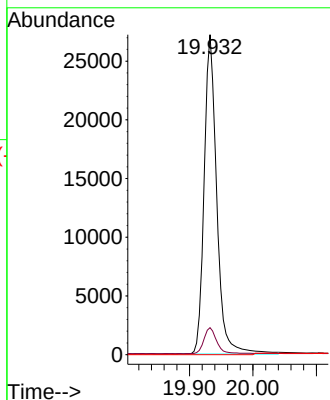
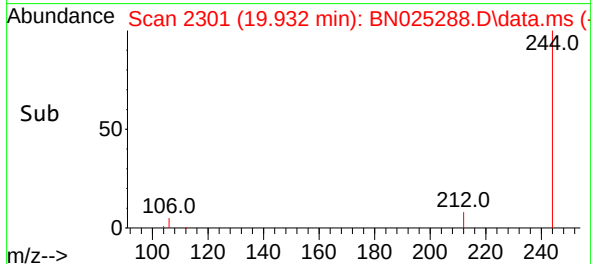
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



Tgt Ion:244 Resp: 42410  
Ion Ratio Lower Upper  
244 100  
212 8.5 7.1 10.7  
122 0.0 0.0 0.0

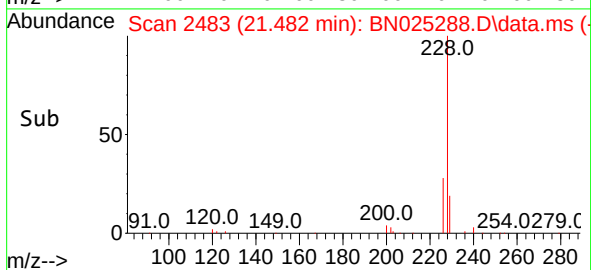
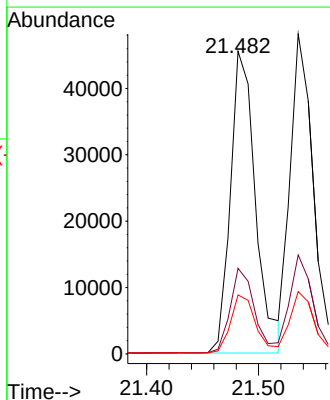
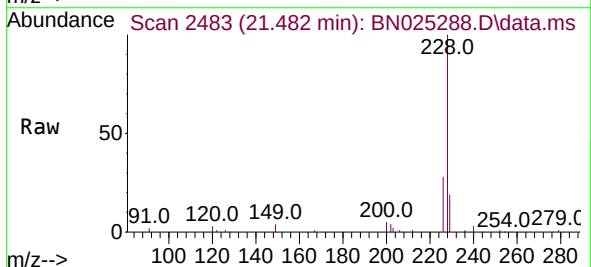
Manual Integrations  
APPROVED

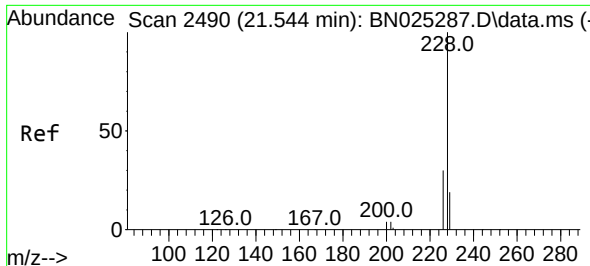
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#32  
Benzo(a)anthracene  
Concen: 0.733 ng  
RT: 21.482 min Scan# 2483  
Delta R.T. -0.009 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

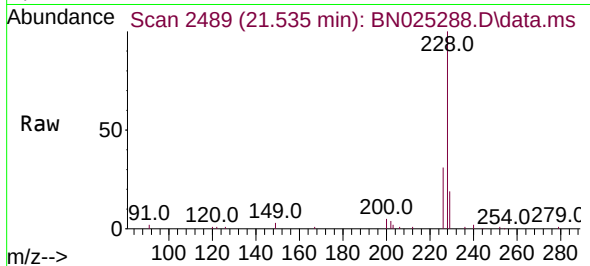
Tgt Ion:228 Resp: 70843  
Ion Ratio Lower Upper  
228 100  
226 28.3 22.5 33.7  
229 19.5 16.2 24.2





#33  
Chrysene  
Concen: 0.720 ng  
RT: 21.535 min Scan# 2489  
Delta R.T. -0.009 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

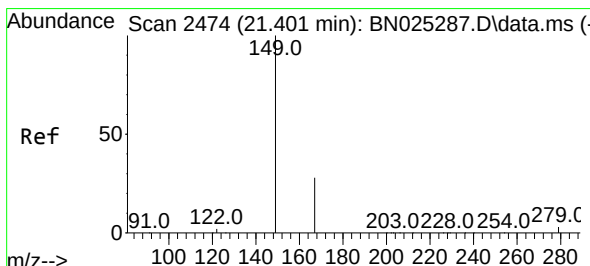
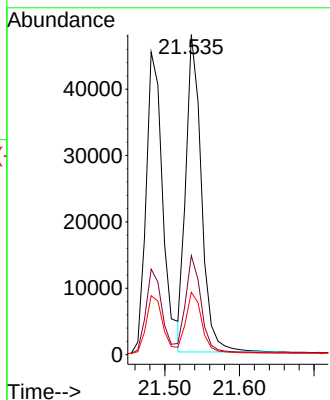
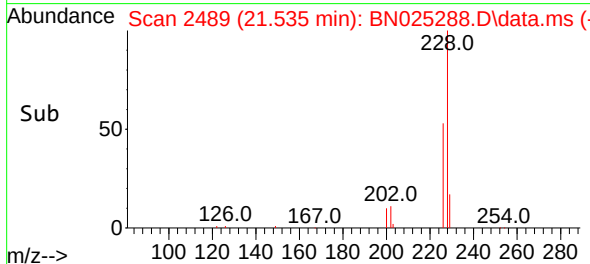
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



Tgt Ion:228 Resp: 69315  
Ion Ratio Lower Upper  
228 100  
226 31.0 24.6 36.8  
229 19.5 16.2 24.4

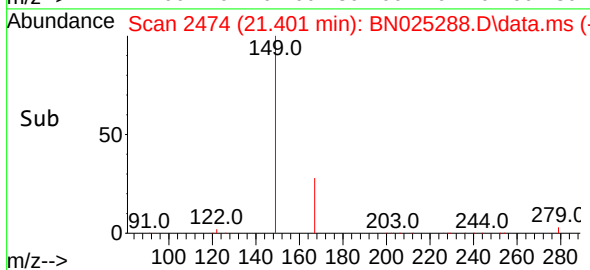
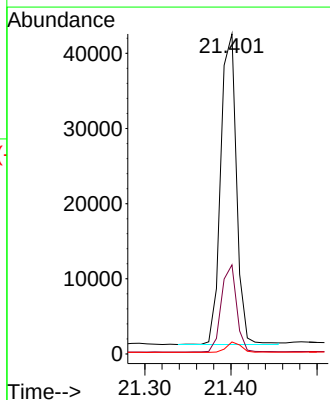
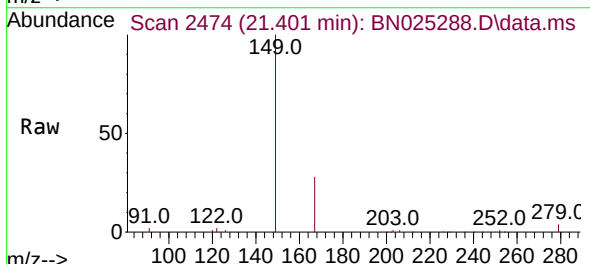
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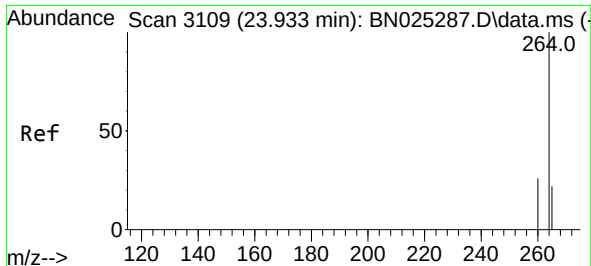
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.690 ng  
RT: 21.401 min Scan# 2474  
Delta R.T. -0.000 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

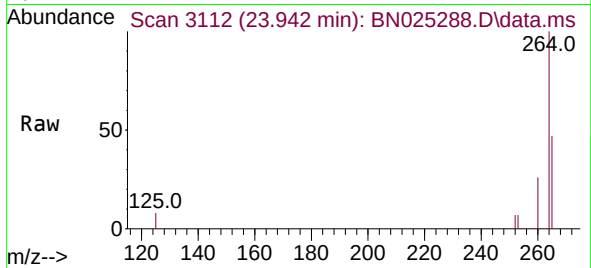
Tgt Ion:149 Resp: 52373  
Ion Ratio Lower Upper  
149 100  
167 27.2 22.2 33.4  
279 3.2 2.6 4.0





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.942 min Scan# 3109  
Delta R.T. 0.009 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

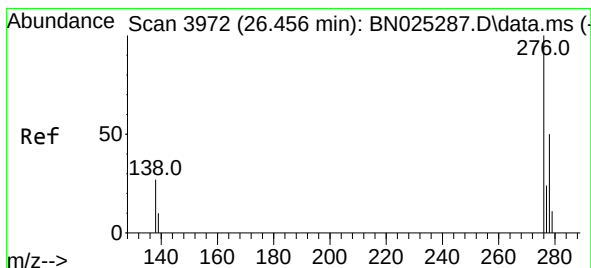
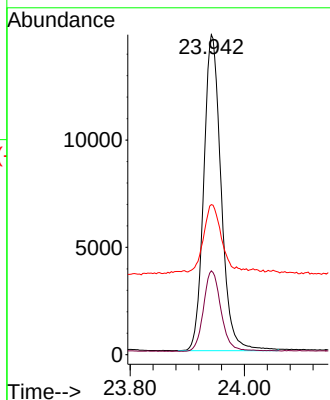
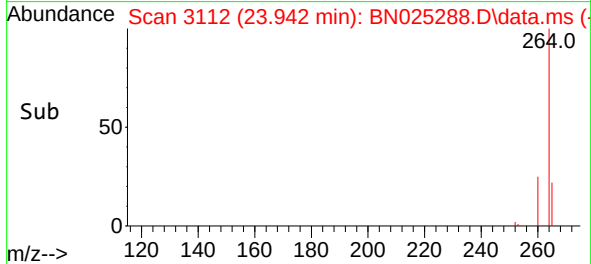
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



Tgt Ion:264 Resp: 31069  
Ion Ratio Lower Upper  
264 100  
260 26.2 21.5 32.3  
265 46.9 46.2 69.4

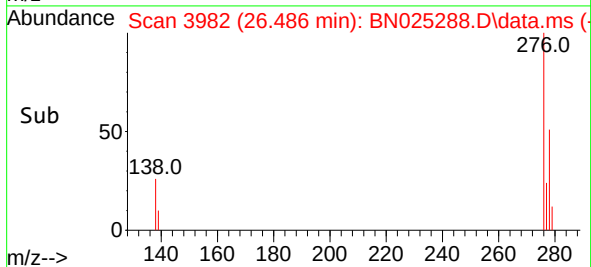
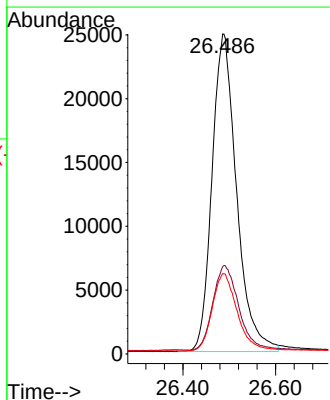
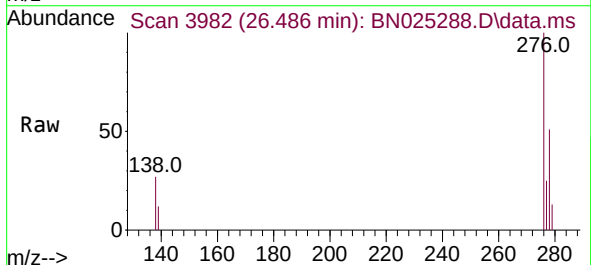
Manual Integrations  
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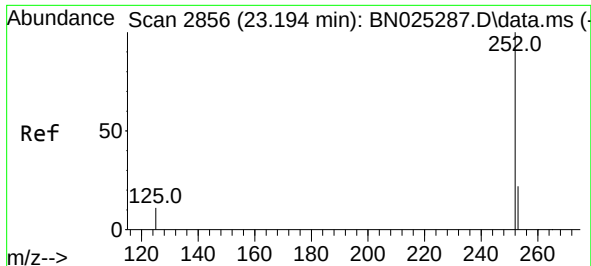
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.733 ng  
RT: 26.486 min Scan# 3982  
Delta R.T. 0.029 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

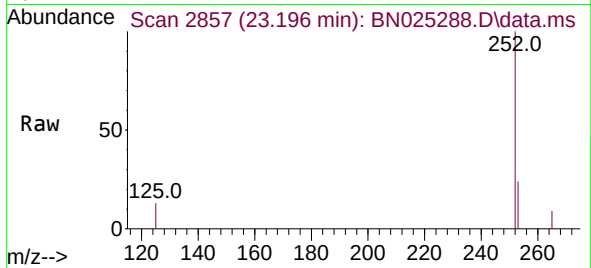
Tgt Ion:276 Resp: 91464  
Ion Ratio Lower Upper  
276 100  
138 27.9 22.5 33.7  
277 24.8 19.8 29.6





#37  
Benzo(b)fluoranthene  
Concen: 0.748 ng  
RT: 23.196 min Scan# 2856  
Delta R.T. 0.003 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

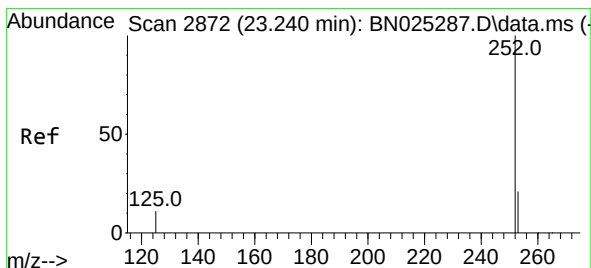
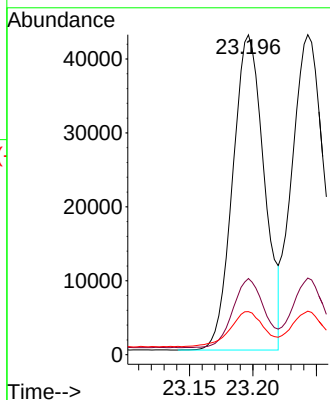
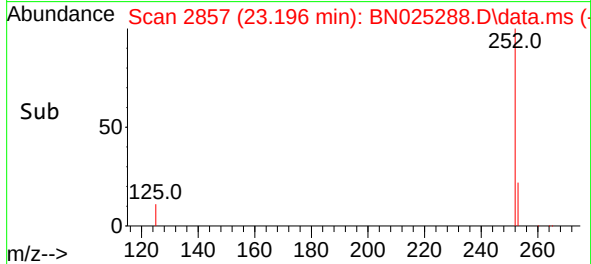
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



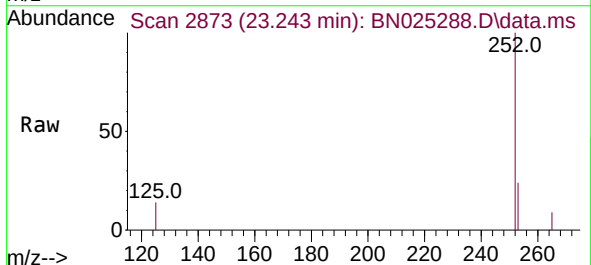
Tgt Ion:252 Resp: 73668  
Ion Ratio Lower Upper  
252 100  
253 23.8 20.8 31.2  
125 13.5 13.4 20.2

Manual Integrations  
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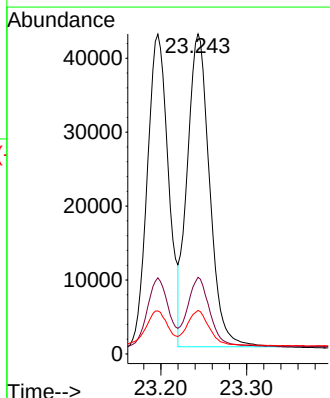
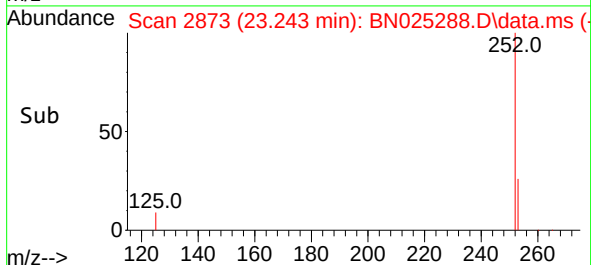
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023

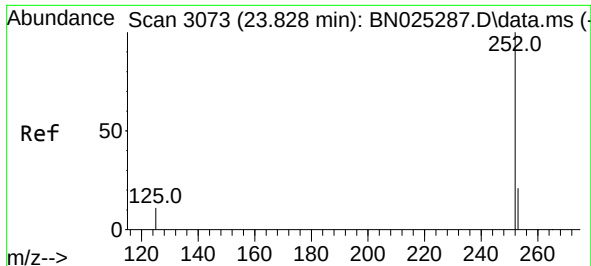


#38  
Benzo(k)fluoranthene  
Concen: 0.741 ng  
RT: 23.243 min Scan# 2873  
Delta R.T. 0.003 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49



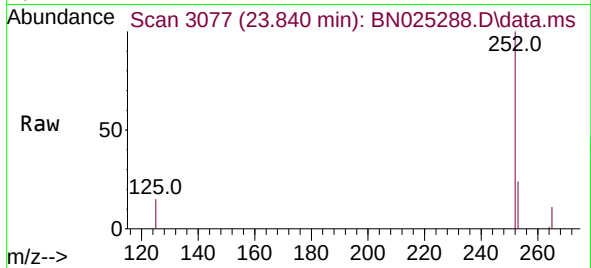
Tgt Ion:252 Resp: 76690  
Ion Ratio Lower Upper  
252 100  
253 23.9 20.6 30.8  
125 13.6 13.1 19.7





#39  
Benzo(a)pyrene  
Concen: 0.751 ng  
RT: 23.840 min Scan# 3073  
Delta R.T. 0.012 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

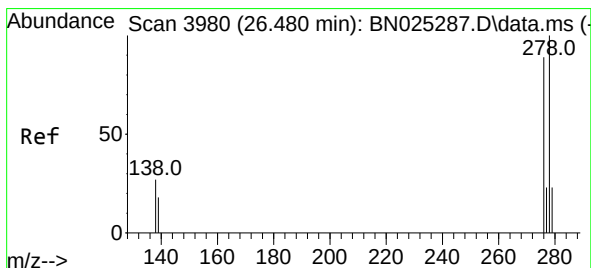
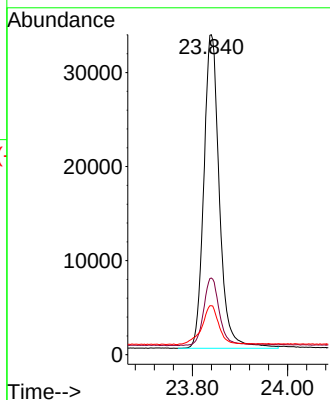
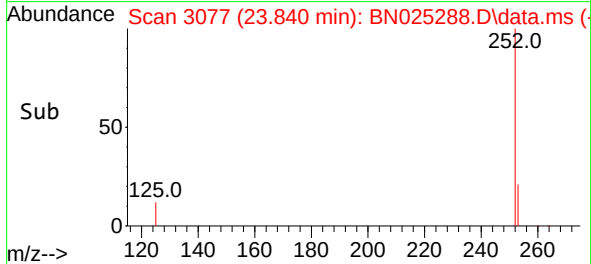
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.8



Tgt Ion:252 Resp: 7573  
Ion Ratio Lower Upper  
252 100  
253 23.9 21.4 32.0  
125 15.3 15.4 23.2

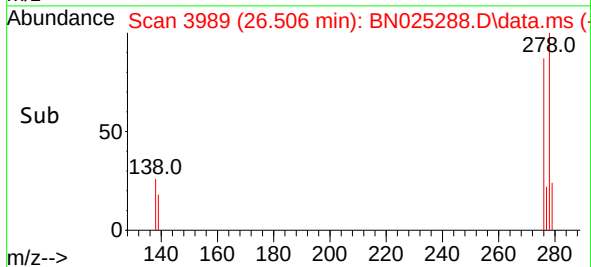
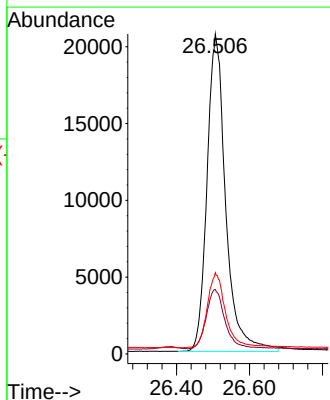
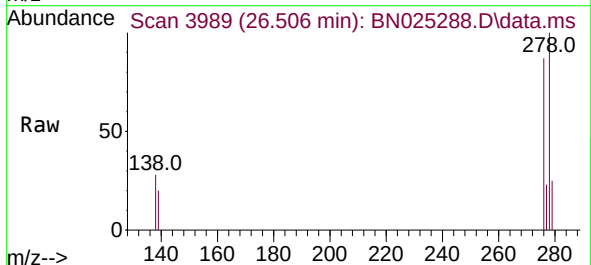
Manual Integrations  
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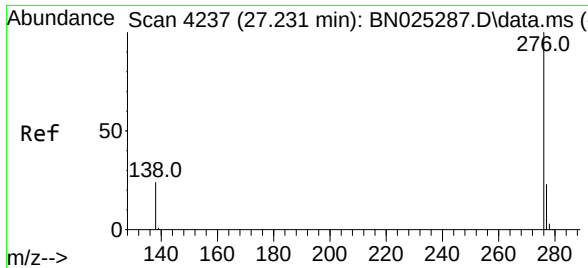
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#40  
Dibenzo(a,h)anthracene  
Concen: 0.742 ng  
RT: 26.506 min Scan# 3989  
Delta R.T. 0.026 min  
Lab File: BN025288.D  
Acq: 05 May 2023 20:49

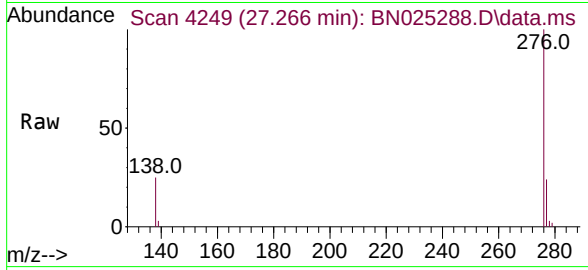
Tgt Ion:278 Resp: 73348  
Ion Ratio Lower Upper  
278 100  
139 20.1 17.6 26.4  
279 25.4 21.6 32.4





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.733 ng  
 RT: 27.266 min Scan# 41  
 Delta R.T. 0.035 min  
 Lab File: BN025288.D  
 Acq: 05 May 2023 20:49

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8



Tgt Ion: 276 Resp: 79199

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.1  | 20.1  | 30.1  |
| 138 | 25.5  | 21.0  | 31.6  |

Manual Integrations  
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Reviewed By : Christian Giraldo 05/08/2023  
 Supervised By : Jagrut Upadhyay 05/08/2023

