

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032822\  
 Data File : BN019216.D  
 Acq On : 29 Mar 2022 03:41  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/29/2022  
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 29 06:25:28 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 25 19:03:12 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 4387     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 12022    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.484 | 164  | 6907     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.225 | 188  | 19548    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.413 | 240  | 17160    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.776 | 264  | 14996    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 3539     | 0.342 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.009  | 99   | 3638     | 0.307 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2838     | 0.305 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.238 | 152  | 6710     | 0.349 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.974 | 330  | 1446     | 0.431 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 10390    | 0.358 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.253 | 212  | 24158    | 0.422 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.851 | 244  | 13496    | 0.352 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.239  | 88   | 1955     | 0.335 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.571  | 42   | 1983     | 0.304 | ng    | # 93     |
| 6) bis(2-Chloroethyl)ether    | 7.262  | 93   | 4237     | 0.331 | ng    | 97       |
| 9) Naphthalene                | 10.690 | 128  | 12401    | 0.366 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.989 | 225  | 2923     | 0.385 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.314 | 142  | 8000     | 0.360 | ng    | 99       |
| 16) Acenaphthylene            | 14.196 | 152  | 11158    | 0.354 | ng    | 99       |
| 17) Acenaphthene              | 14.538 | 154  | 8199     | 0.367 | ng    | 100      |
| 18) Fluorene                  | 15.532 | 166  | 10497    | 0.369 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.618 | 198  | 869      | 0.273 | ng    | 94       |
| 21) 4-Bromophenyl-phenylether | 16.415 | 248  | 4056     | 0.319 | ng    | # 89     |
| 22) Hexachlorobenzene         | 16.538 | 284  | 5694     | 0.379 | ng    | 100      |
| 23) Atrazine                  | 16.682 | 200  | 2830     | 0.321 | ng    | 99       |
| 24) Pentachlorophenol         | 16.887 | 266  | 1855     | 0.345 | ng    | 99       |
| 25) Phenanthrene              | 17.266 | 178  | 22666    | 0.361 | ng    | 100      |
| 26) Anthracene                | 17.359 | 178  | 18009    | 0.346 | ng    | 100      |
| 28) Fluoranthene              | 19.286 | 202  | 30423    | 0.429 | ng    | 99       |
| 30) Pyrene                    | 19.649 | 202  | 31295    | 0.386 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.395 | 228  | 19844    | 0.360 | ng    | 99       |
| 33) Chrysene                  | 21.449 | 228  | 27327    | 0.387 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 11872    | 0.354 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.220 | 276  | 22073m   | 0.368 | ng    |          |
| 37) Benzo(b)fluoranthene      | 23.059 | 252  | 20405m   | 0.358 | ng    |          |
| 38) Benzo(k)fluoranthene      | 23.103 | 252  | 25416    | 0.352 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.676 | 252  | 18997    | 0.389 | ng    | # 87     |
| 40) Dibenzo(a,h)anthracene    | 26.240 | 278  | 16144    | 0.358 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.968 | 276  | 22076    | 0.358 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

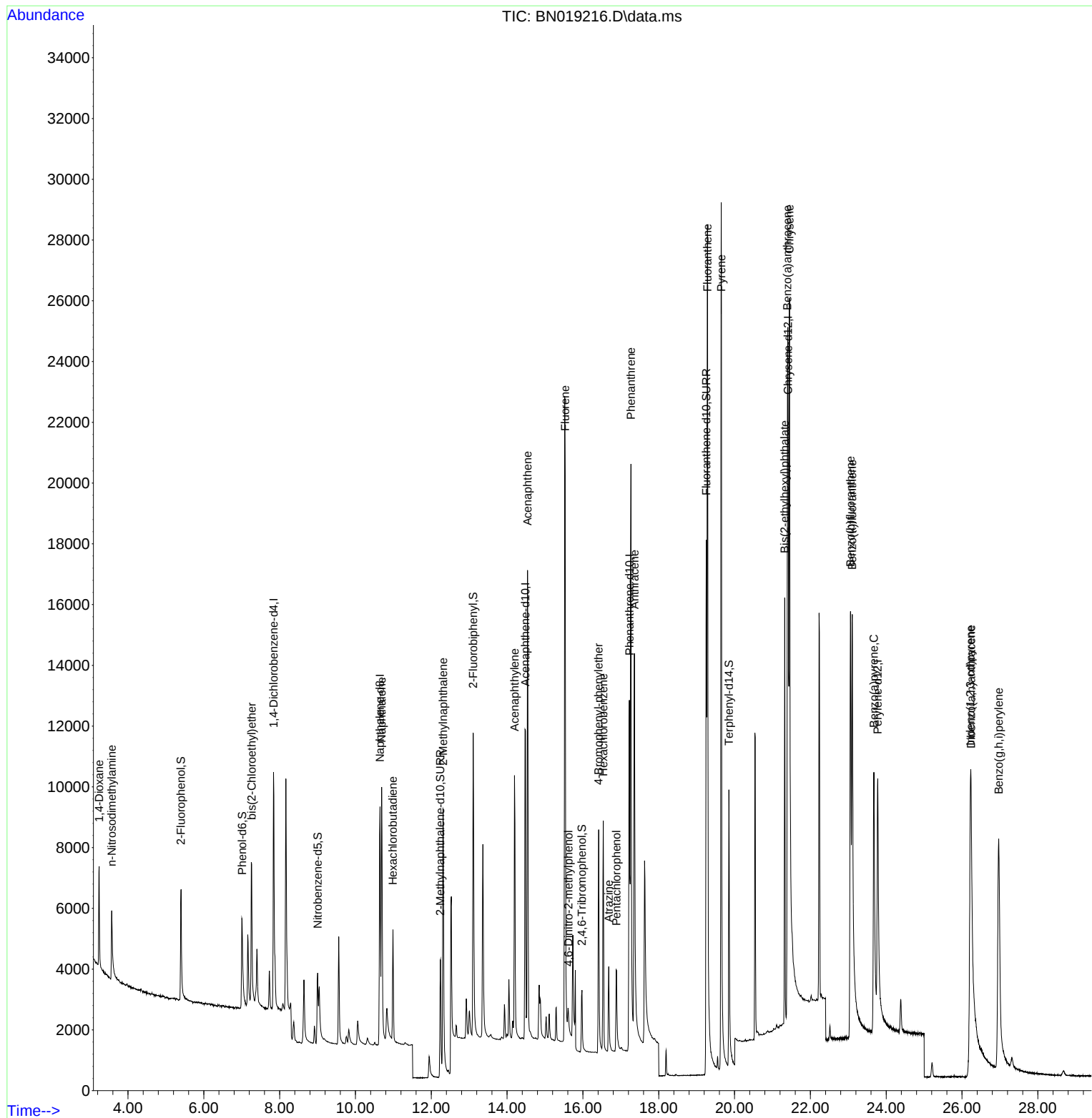
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032822\  
Data File : BN019216.D  
Acq On : 29 Mar 2022 03:41  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

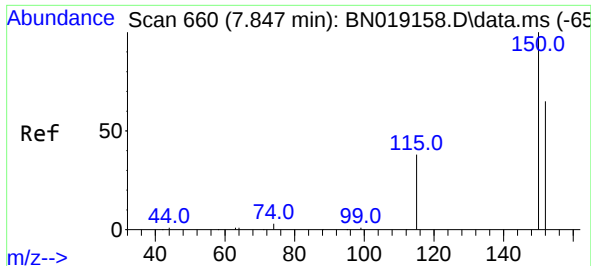
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Quant Time: Mar 29 06:25:28 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 25 19:03:12 2022  
Response via : Initial Calibration

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Supervised By :Jagrut Upadhyay 03/29/2022





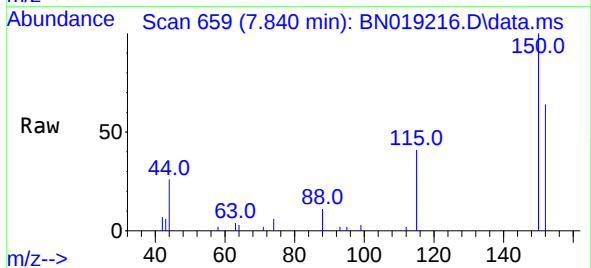
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.840 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

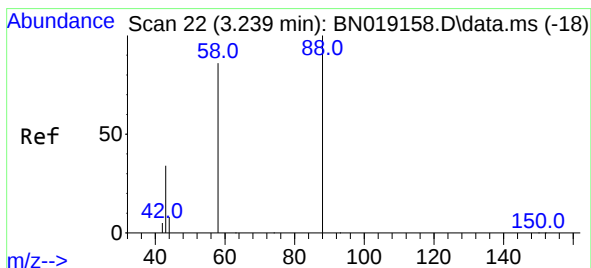
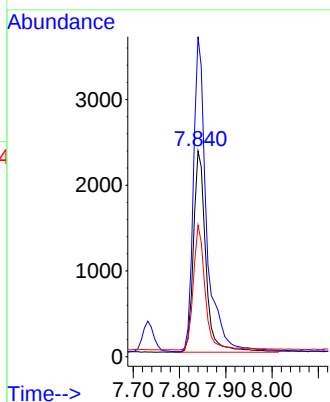
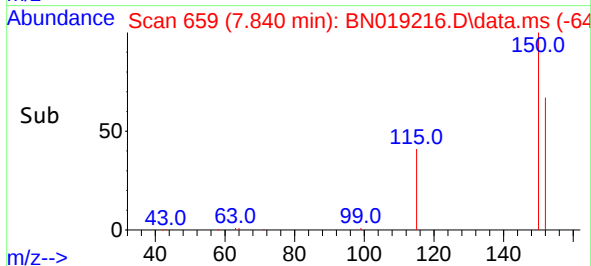


Tgt Ion: 152 Resp: 438  
Ion Ratio Lower Upper  
152 100  
150 155.6 123.9 185.9  
115 63.9 48.2 72.4

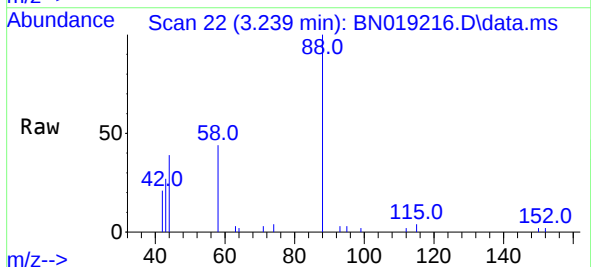
Manual Integrations

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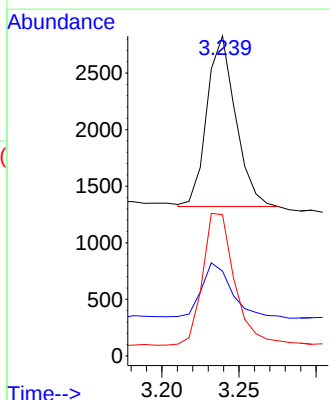
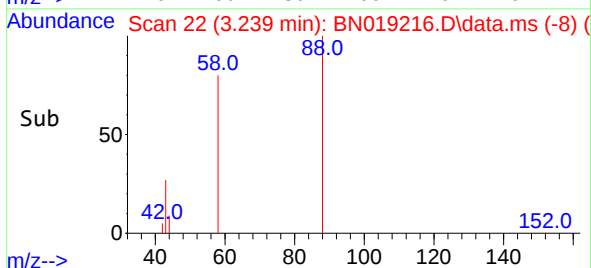
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022

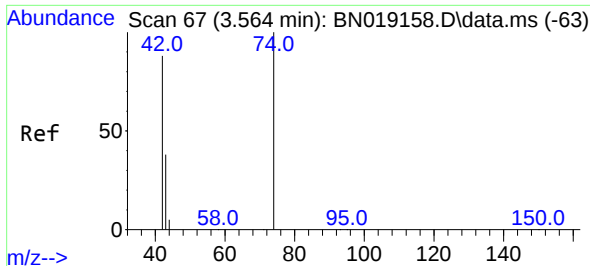


#2  
1,4-Dioxane  
Concen: 0.335 ng  
RT: 3.239 min Scan# 22  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41



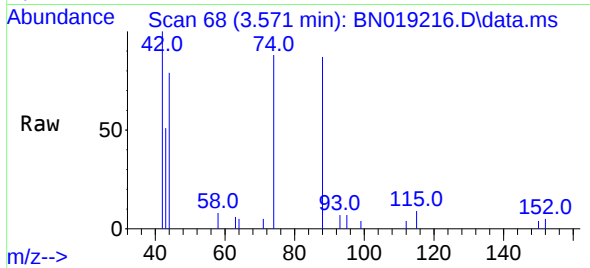
Tgt Ion: 88 Resp: 1955  
Ion Ratio Lower Upper  
88 100  
43 32.2 24.6 37.0  
58 86.1 65.4 98.2





#3  
n-Nitrosodimethylamine  
Concen: 0.304 ng  
RT: 3.571 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

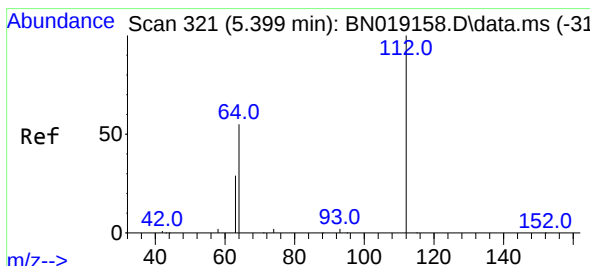
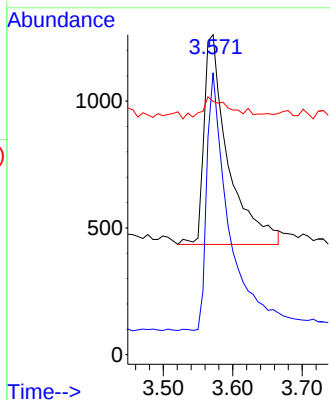
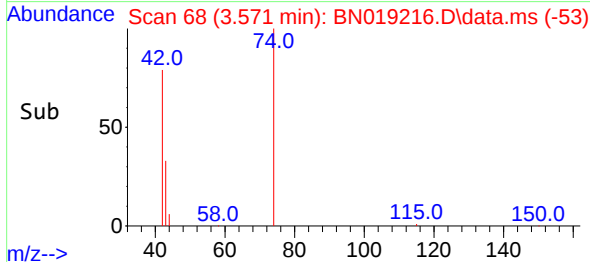
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



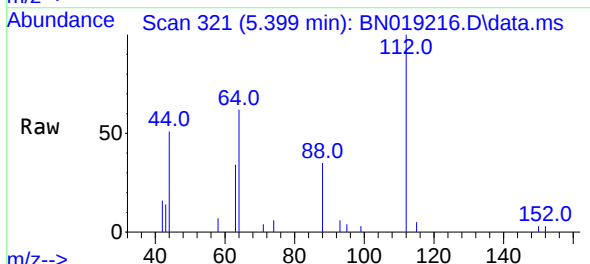
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Ion Ratio Lower Upper  
42 100  
74 113.7 96.9 145.3  
44 10.9 7.3 10.9

Manual Integrations  
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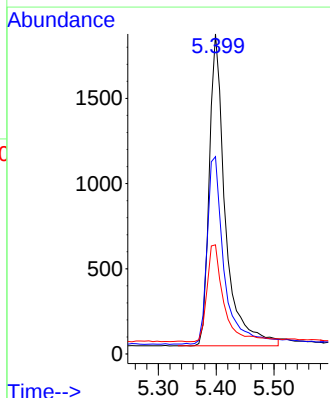
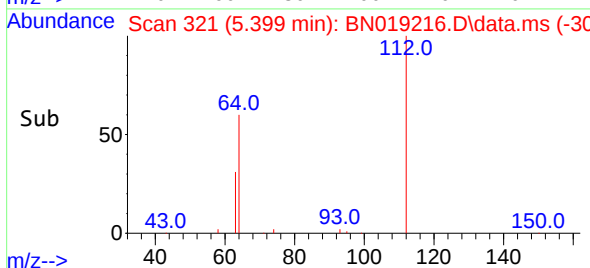
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022

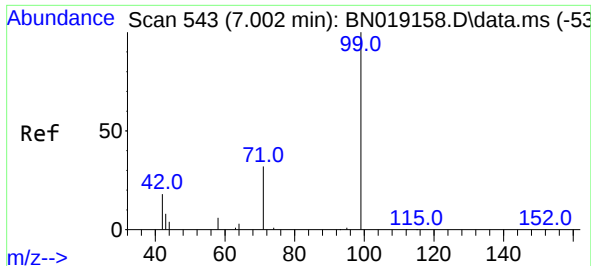


#4  
2-Fluorophenol  
Concen: 0.342 ng  
RT: 5.399 min Scan# 321  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41



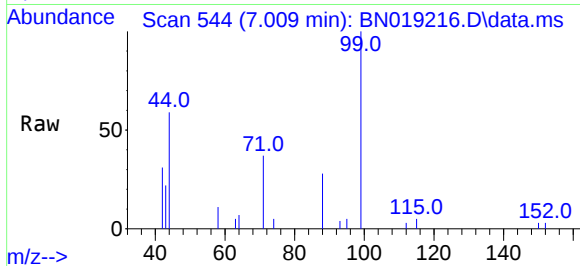
Tgt Ion: 112 Resp: 3539  
Ion Ratio Lower Upper  
112 100  
64 64.2 47.8 71.8  
63 32.8 25.7 38.5





#5  
Phenol-d6  
Concen: 0.307 ng  
RT: 7.009 min Scan# 543  
Delta R.T. 0.007 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

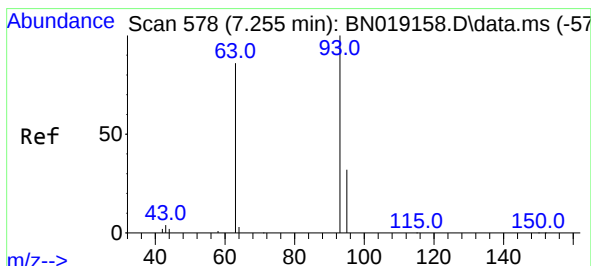
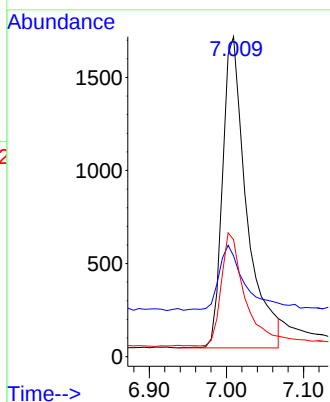
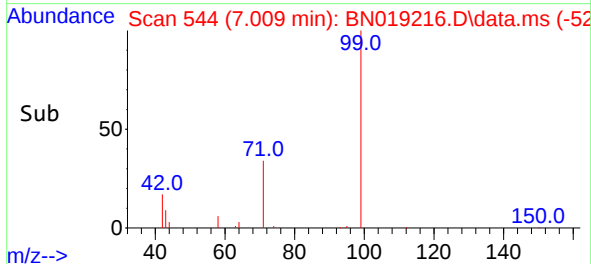
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion: 99 Resp: 3638  
Ion Ratio Lower Upper  
99 100  
42 21.8 16.2 24.4  
71 35.6 27.7 41.5

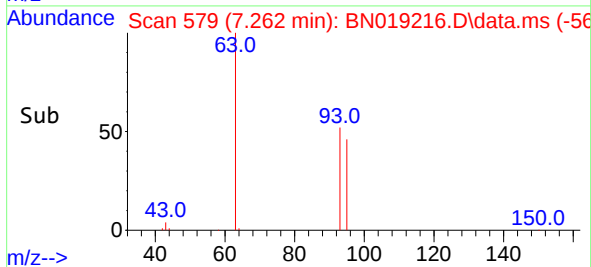
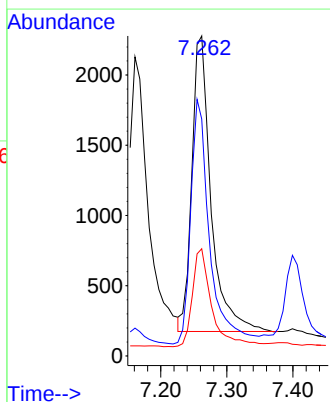
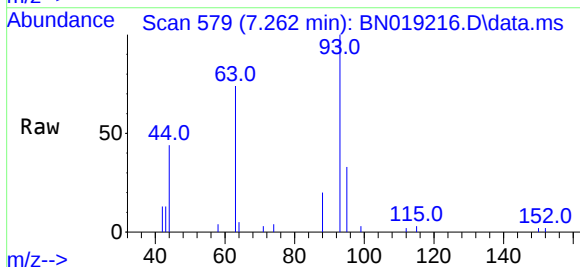
Manual Integrations  
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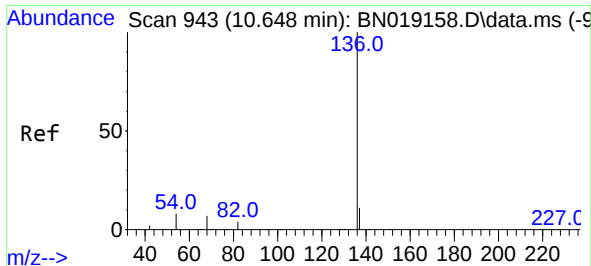
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#6  
bis(2-Chloroethyl)ether  
Concen: 0.331 ng  
RT: 7.262 min Scan# 579  
Delta R.T. 0.007 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

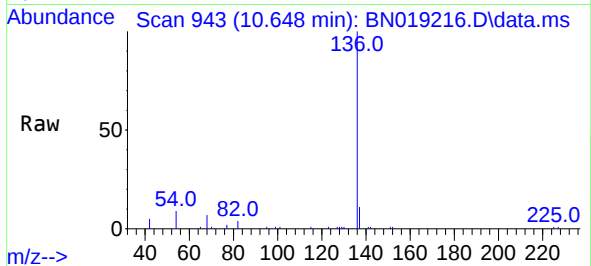
Tgt Ion: 93 Resp: 4237  
Ion Ratio Lower Upper  
93 100  
63 82.0 62.8 94.2  
95 33.8 26.2 39.4





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

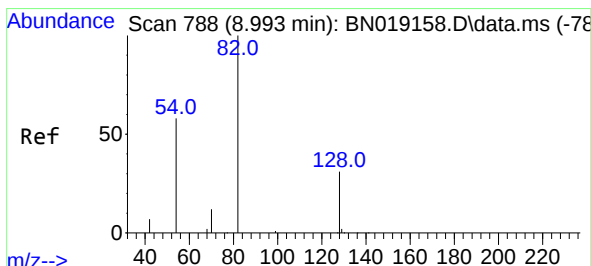
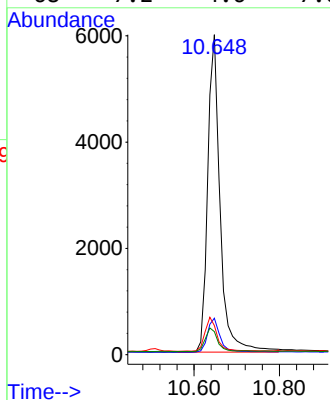
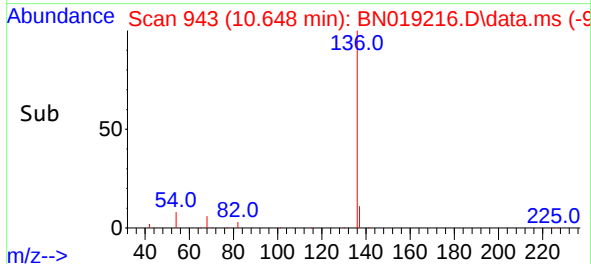
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:136 Resp: 1202  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.0 13.4  
54 9.1 5.8 8.6  
68 7.2 4.6 7.0

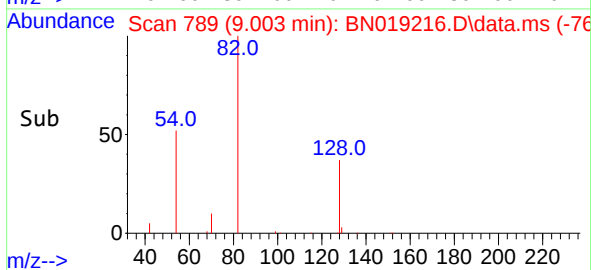
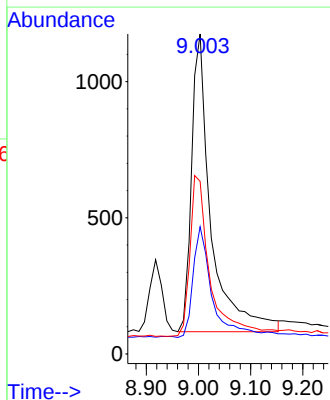
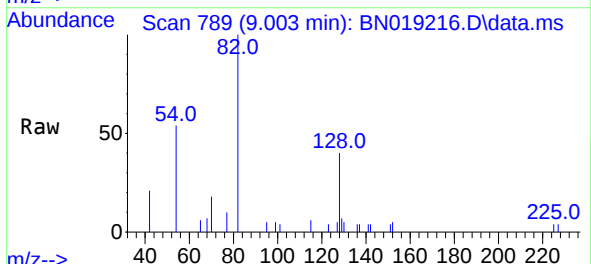
Manual Integrations  
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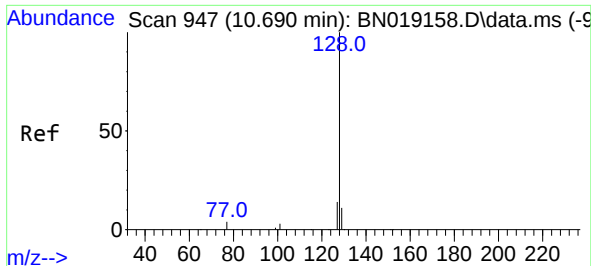
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#8  
Nitrobenzene-d5  
Concen: 0.305 ng  
RT: 9.003 min Scan# 789  
Delta R.T. 0.011 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

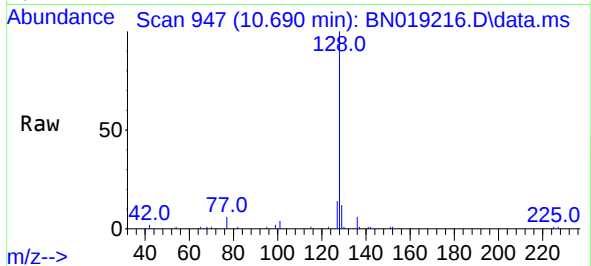
Tgt Ion: 82 Resp: 2838  
Ion Ratio Lower Upper  
82 100  
128 39.7 33.0 49.6  
54 54.0 42.5 63.7





#9  
Naphthalene  
Concen: 0.366 ng  
RT: 10.690 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

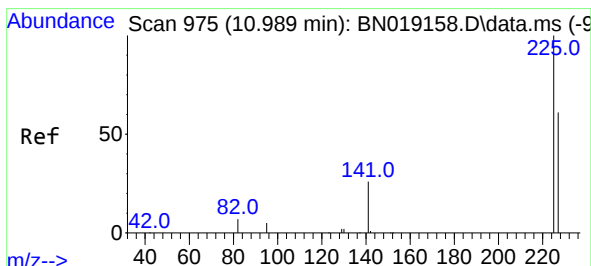
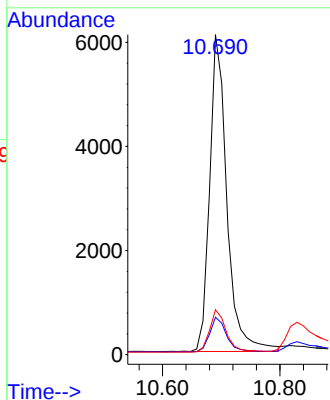
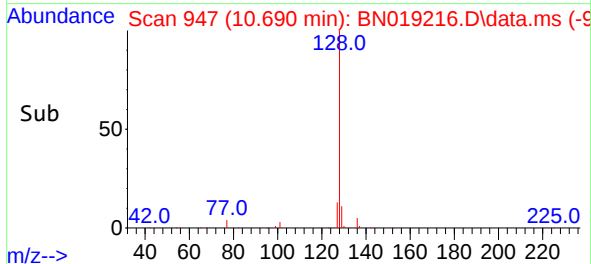
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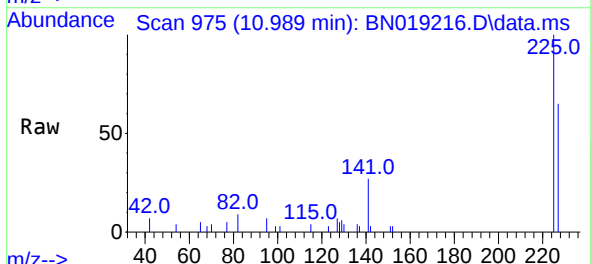
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Ion Ratio Lower Upper  
128 100  
129 11.7 9.0 13.4  
127 14.0 10.7 16.1

Manual Integrations  
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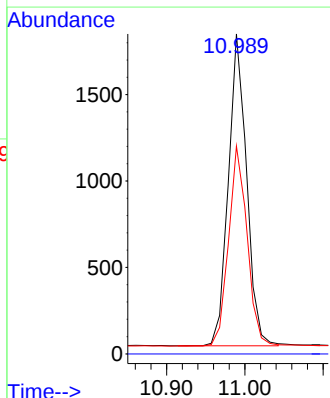
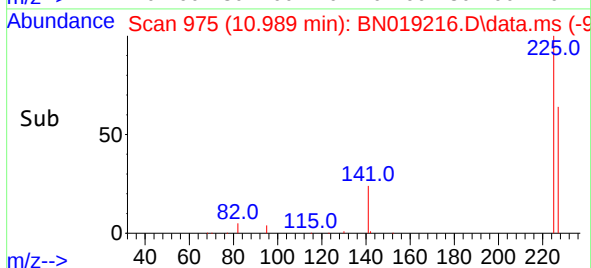
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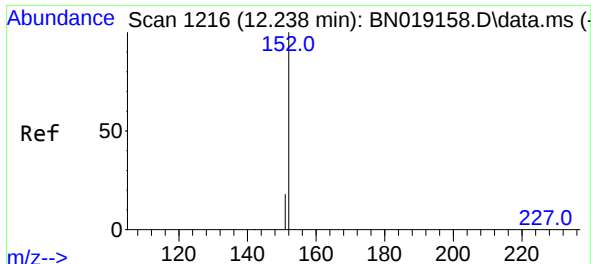


#10  
Hexachlorobutadiene  
Concen: 0.385 ng  
RT: 10.989 min Scan# 975  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41



Tgt Ion:225 Resp: 2923  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 65.4 51.0 76.6





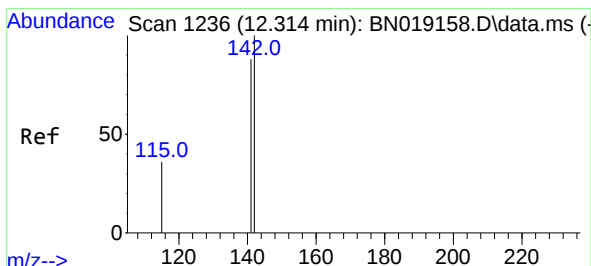
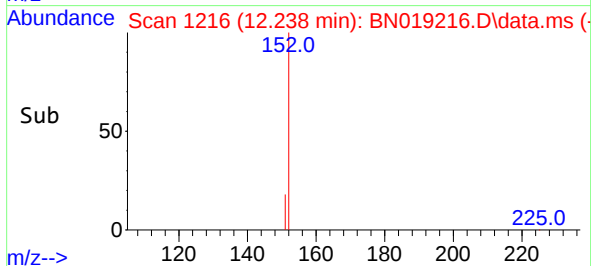
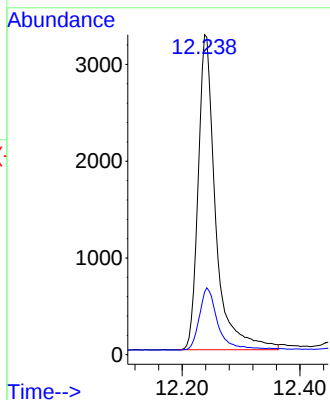
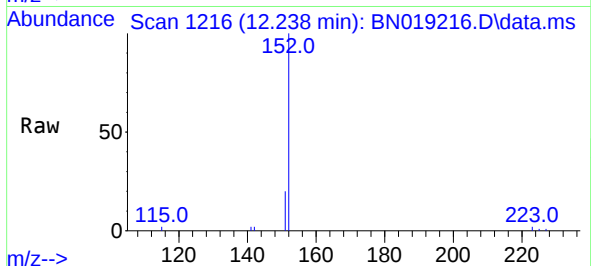
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2-Methylnaphthalene-d10  
Concen: 0.349 ng  
RT: 12.238 min Scan# 1216  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6710  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.5 24.7

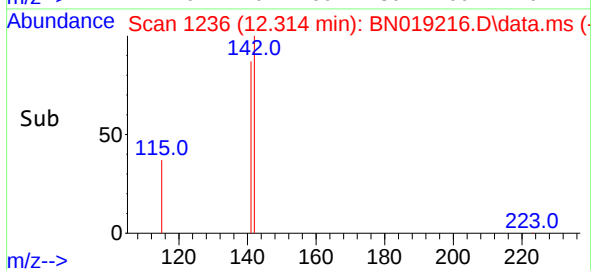
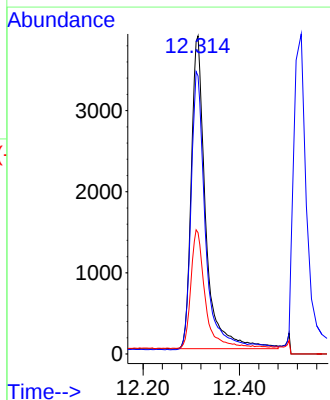
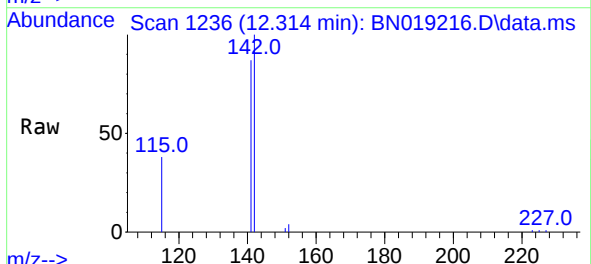
Manual Integrations  
APPROVED

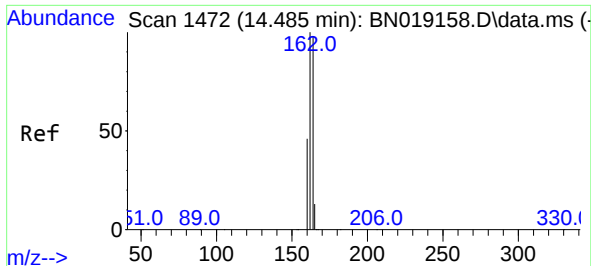
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#12  
2-Methylnaphthalene  
Concen: 0.360 ng  
RT: 12.314 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

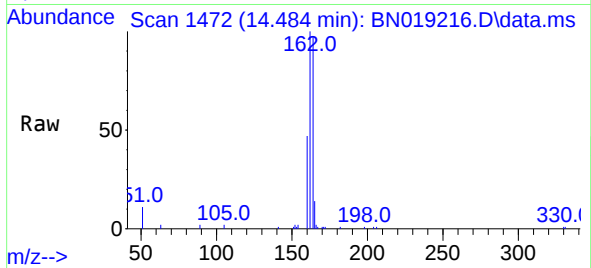
Tgt Ion:142 Resp: 8000  
Ion Ratio Lower Upper  
142 100  
141 87.4 70.0 105.0  
115 38.2 29.8 44.8





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

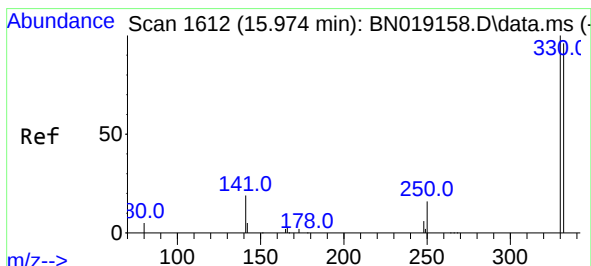
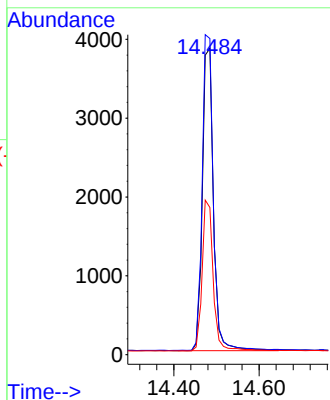
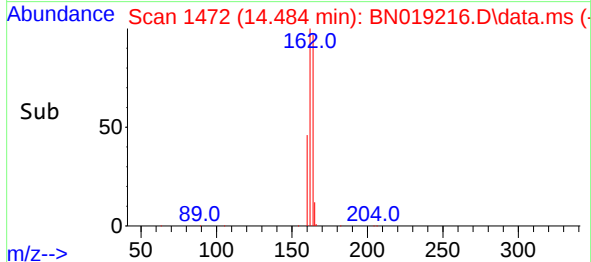
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



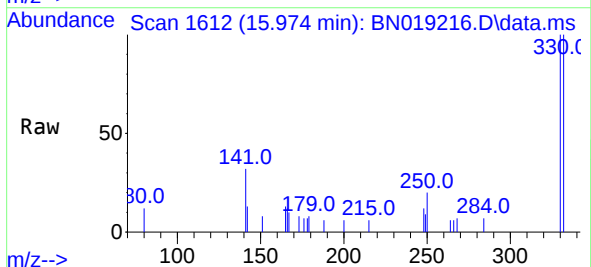
Tgt Ion:164 Resp: 690  
Ion Ratio Lower Upper  
164 100  
162 103.2 85.2 127.8  
160 48.1 41.5 62.3

Manual Integrations  
APPROVED

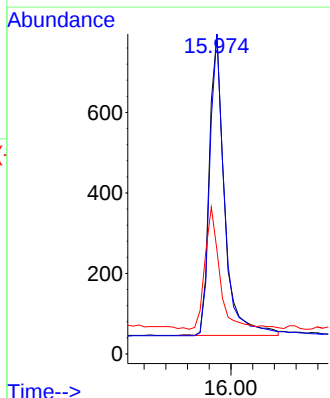
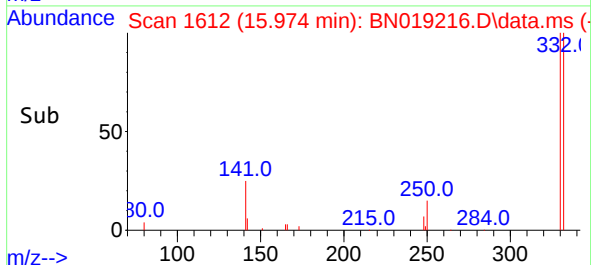
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022

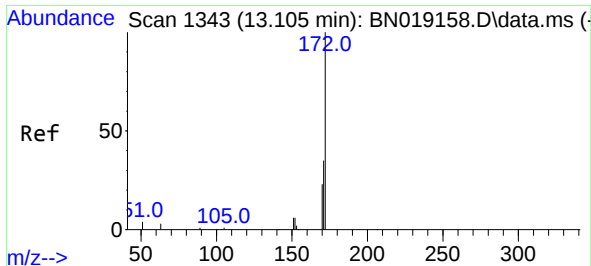


#14  
2,4,6-Tribromophenol  
Concen: 0.431 ng  
RT: 15.974 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41



Tgt Ion:330 Resp: 1446  
Ion Ratio Lower Upper  
330 100  
332 97.6 76.8 115.2  
141 40.3 32.2 48.2





#15  
2-Fluorobiphenyl  
Concen: 0.358 ng  
RT: 13.105 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

Instrument :

BNA\_N

ClientSampleId :

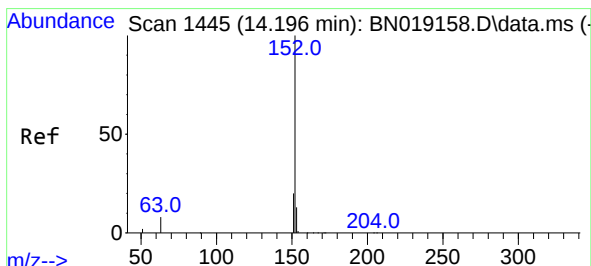
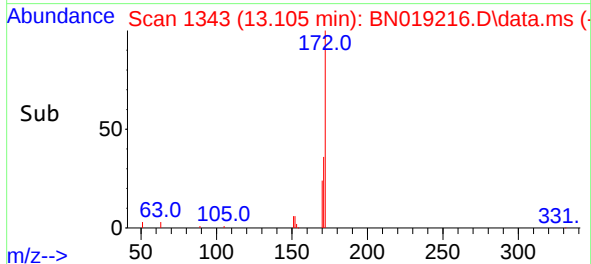
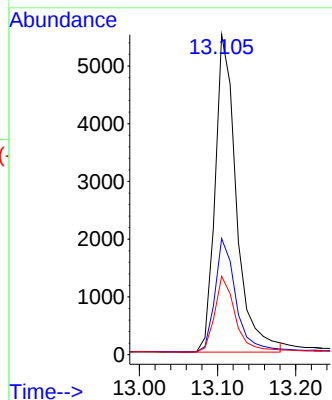
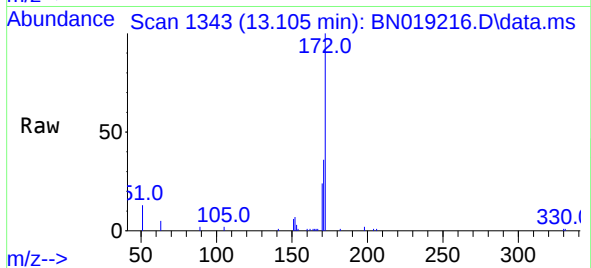
SSTDCCC0.4EC

Tgt Ion:172 Resp: 10390  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.2 42.2  
170 24.5 18.7 28.1

Manual Integrations

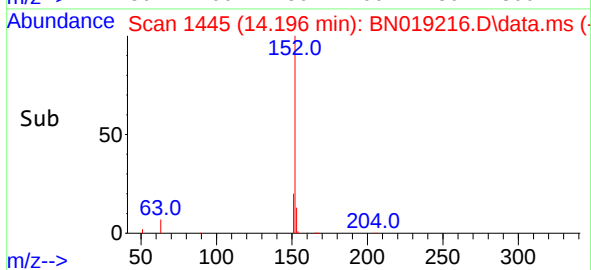
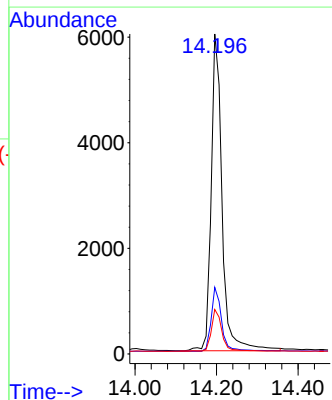
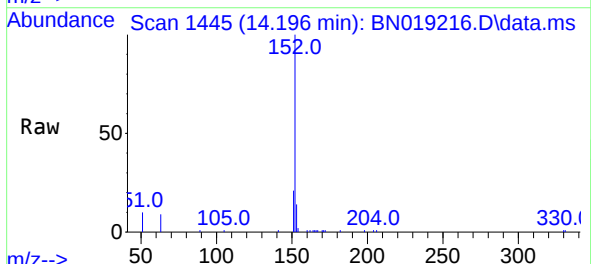
APPROVED

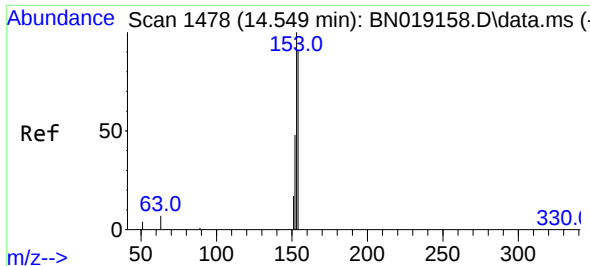
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#16  
Acenaphthylene  
Concen: 0.354 ng  
RT: 14.196 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

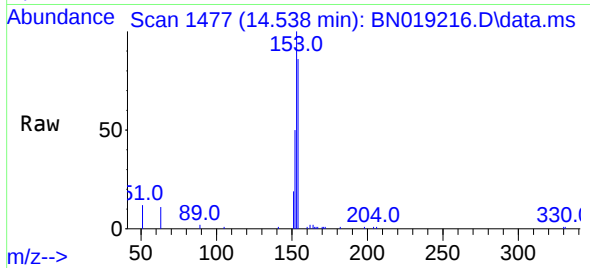
Tgt Ion:152 Resp: 11158  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.9 23.9  
153 13.1 10.6 15.8





#17  
Acenaphthene  
Concen: 0.367 ng  
RT: 14.538 min Scan# 1477  
Delta R.T. -0.011 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

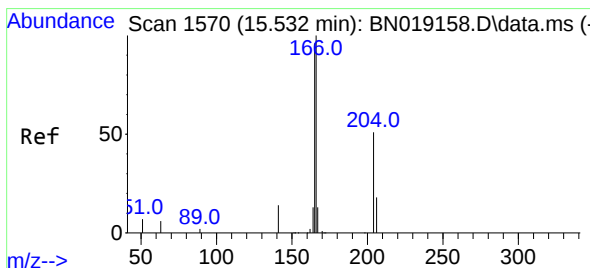
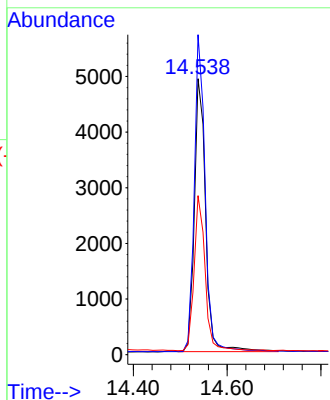
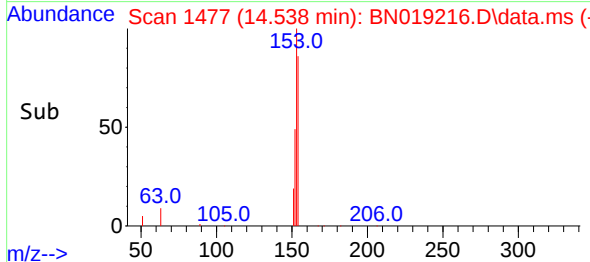
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:154 Resp: 8199  
Ion Ratio Lower Upper  
154 100  
153 111.8 89.7 134.5  
152 55.3 44.7 67.1

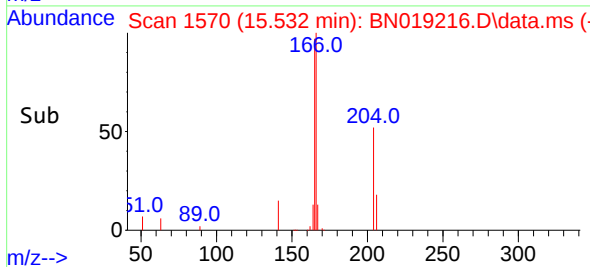
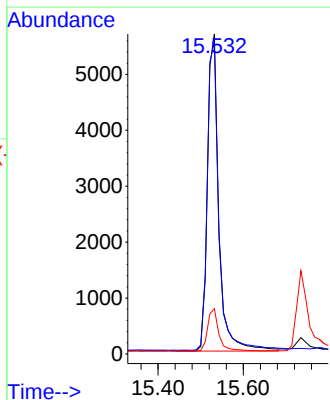
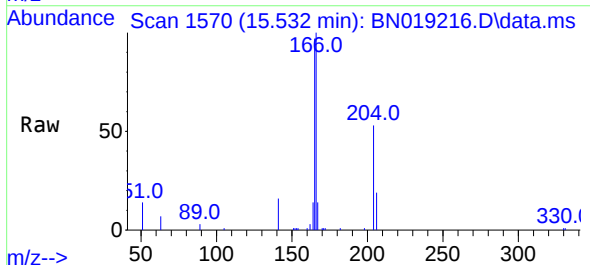
Manual Integrations  
APPROVED

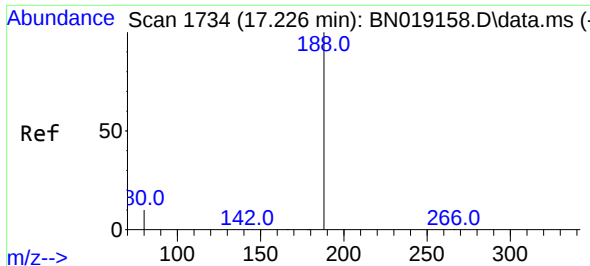
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#18  
Fluorene  
Concen: 0.369 ng  
RT: 15.532 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

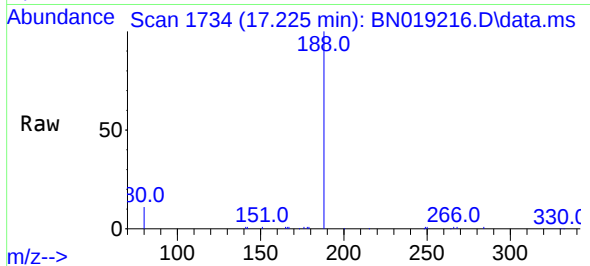
Tgt Ion:166 Resp: 10497  
Ion Ratio Lower Upper  
166 100  
165 99.1 79.2 118.8  
167 13.4 10.7 16.1





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.225 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

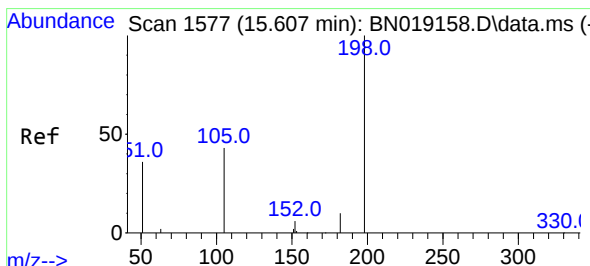
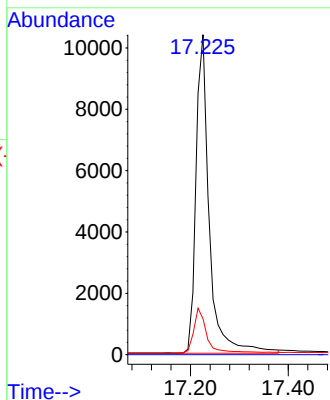
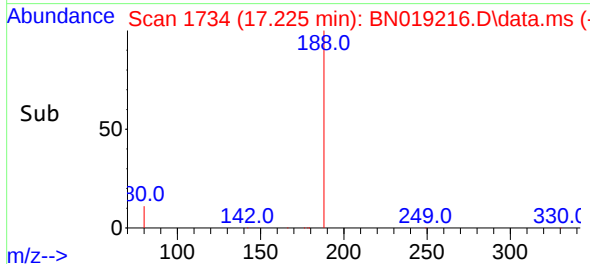
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:188 Resp: 1954  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.3 11.8 17.8

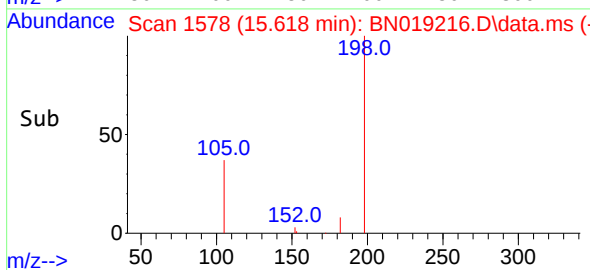
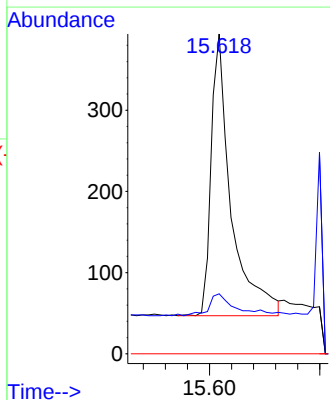
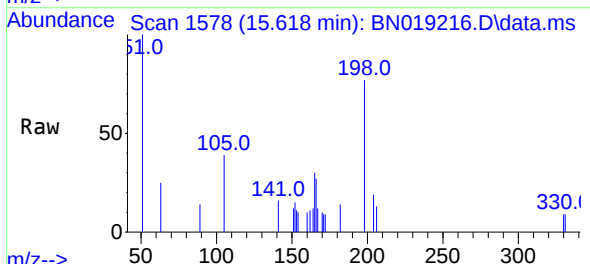
Manual Integrations  
APPROVED

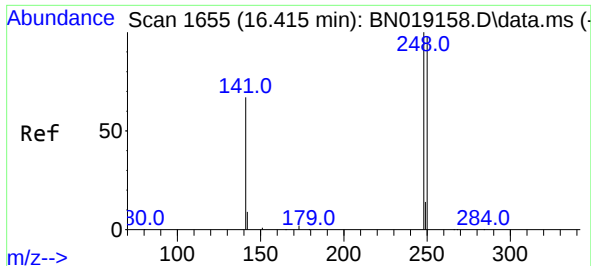
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.273 ng  
RT: 15.618 min Scan# 1578  
Delta R.T. 0.011 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

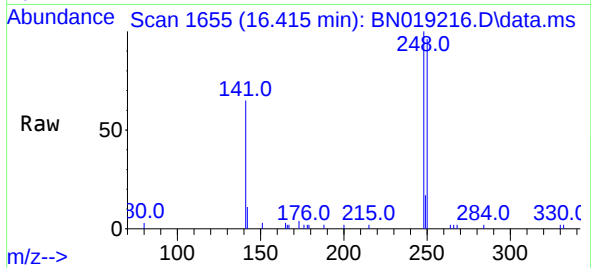
Tgt Ion:198 Resp: 869  
Ion Ratio Lower Upper  
198 100  
182 18.8 13.0 19.4  
77 0.0 0.0 0.0





#21  
4-Bromophenyl-phenylether  
Concen: 0.319 ng  
RT: 16.415 min Scan# 1655  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

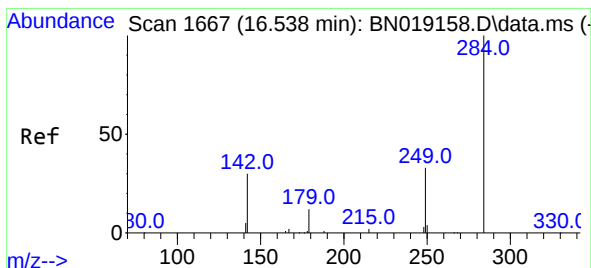
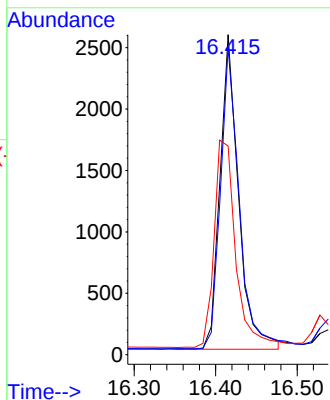
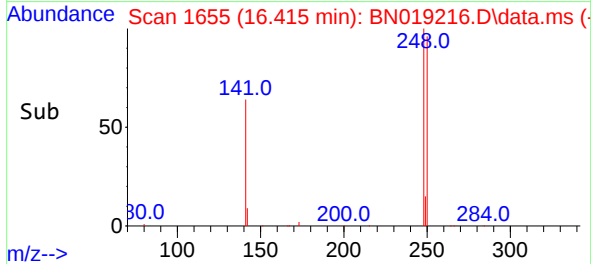
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



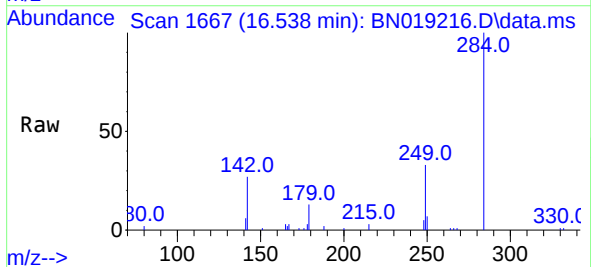
Tgt Ion:248 Resp: 4050  
Ion Ratio Lower Upper  
248 100  
250 96.1 80.7 121.1  
141 65.2 39.6 59.4

Manual Integrations  
APPROVED

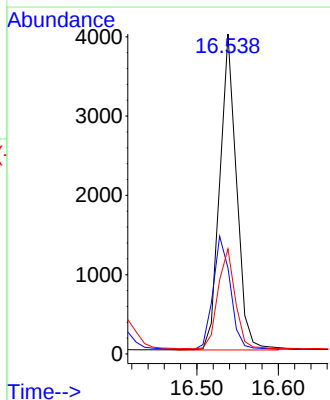
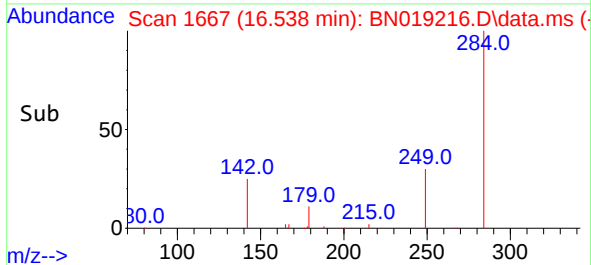
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022

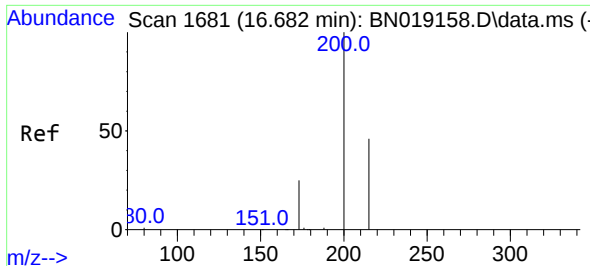


#22  
Hexachlorobenzene  
Concen: 0.379 ng  
RT: 16.538 min Scan# 1667  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41



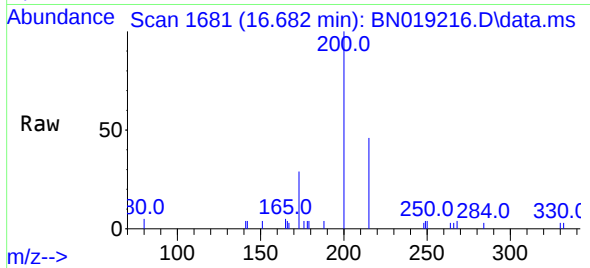
Tgt Ion:284 Resp: 5694  
Ion Ratio Lower Upper  
284 100  
142 37.2 29.8 44.8  
249 32.4 26.2 39.2





#23  
Atrazine  
Concen: 0.321 ng  
RT: 16.682 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

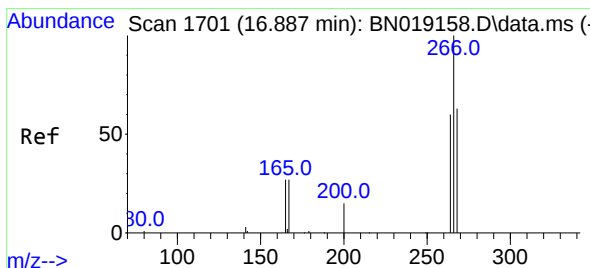
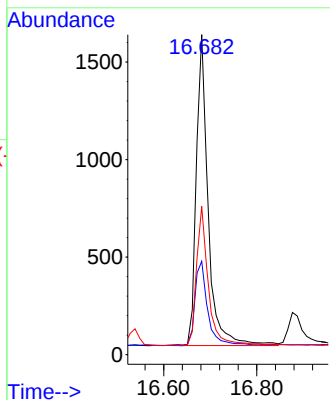
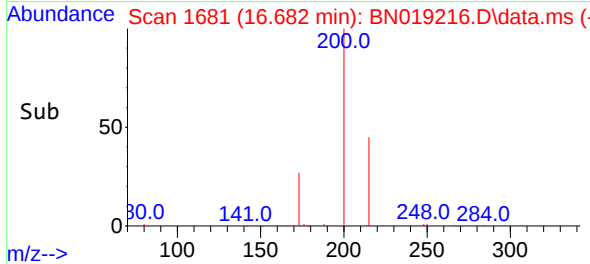
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:200 Resp: 2830  
Ion Ratio Lower Upper  
200 100  
173 29.2 23.9 35.9  
215 46.3 36.6 54.8

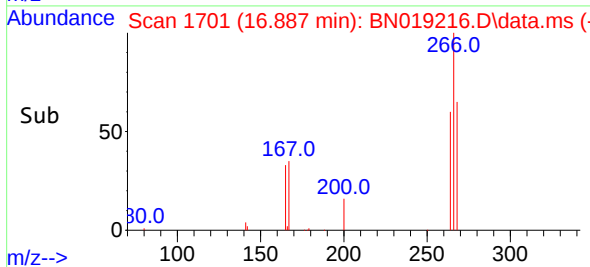
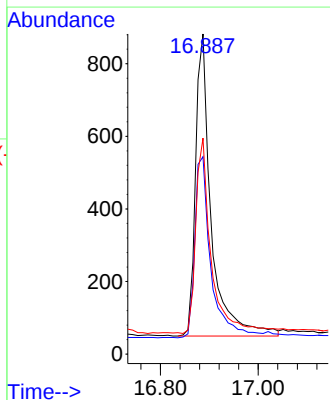
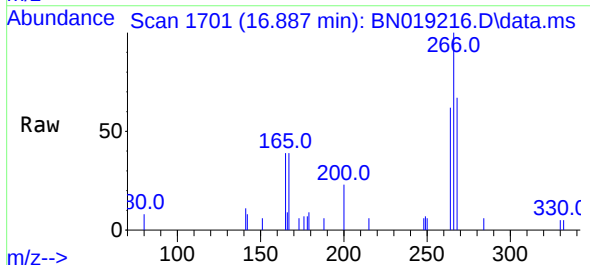
Manual Integrations  
APPROVED

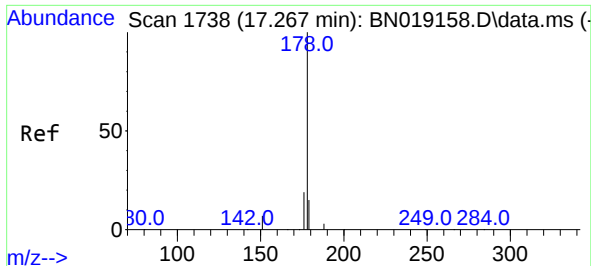
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#24  
Pentachlorophenol  
Concen: 0.345 ng  
RT: 16.887 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

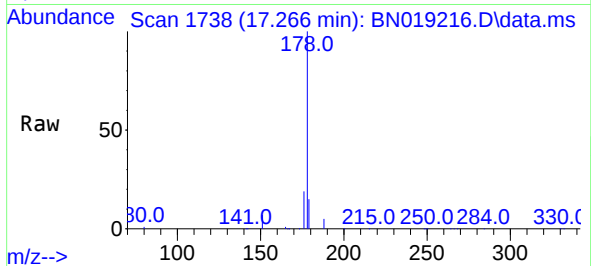
Tgt Ion:266 Resp: 1855  
Ion Ratio Lower Upper  
266 100  
264 61.9 50.2 75.4  
268 63.6 51.9 77.9





#25  
Phenanthrene  
Concen: 0.361 ng  
RT: 17.266 min Scan# 1738  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

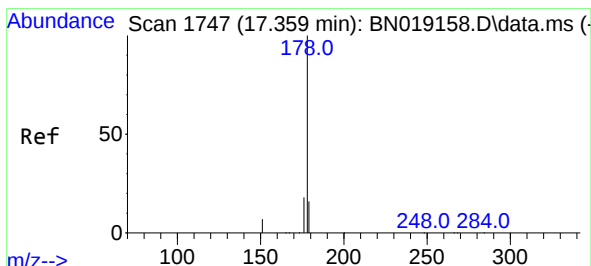
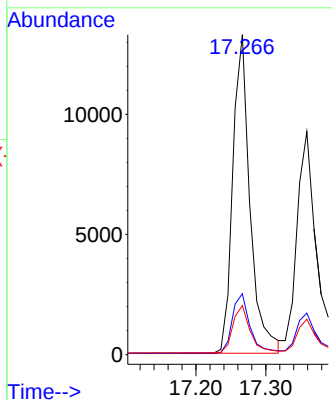
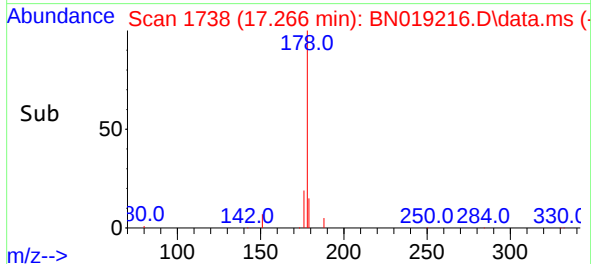
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:178 Resp: 22660  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.2 12.2 18.2

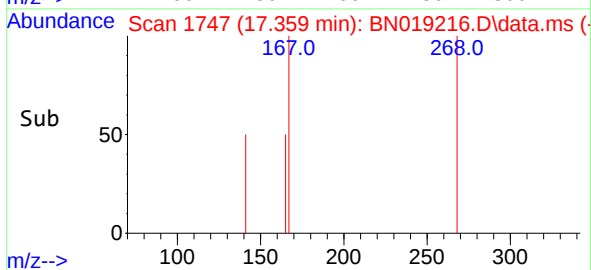
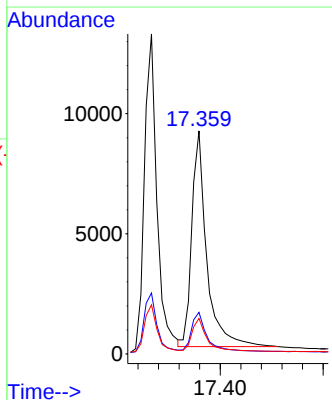
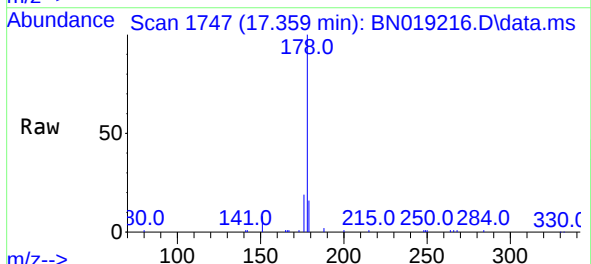
Manual Integrations  
APPROVED

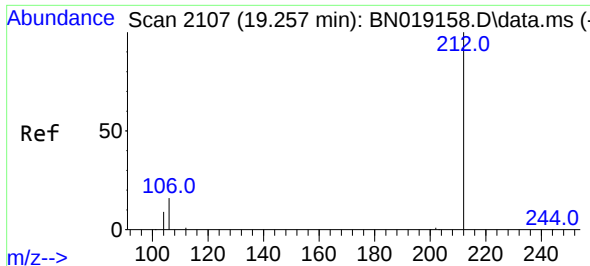
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#26  
Anthracene  
Concen: 0.346 ng  
RT: 17.359 min Scan# 1747  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

Tgt Ion:178 Resp: 18009  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.8 22.2  
179 15.2 12.2 18.4





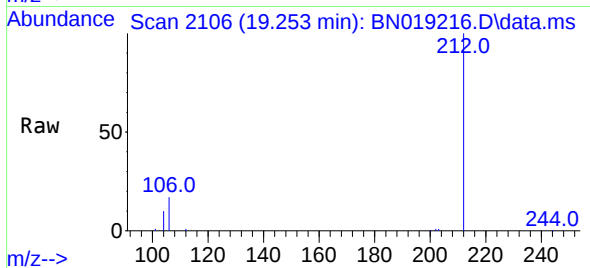
#27  
Fluoranthene-d10  
Concen: 0.422 ng  
RT: 19.253 min Scan# 2106  
Delta R.T. -0.004 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

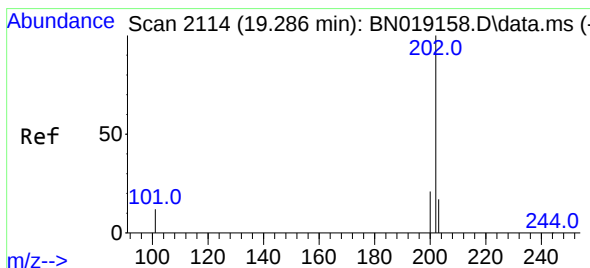
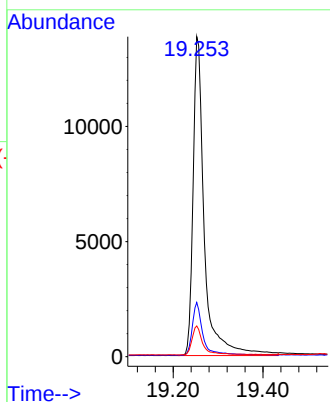
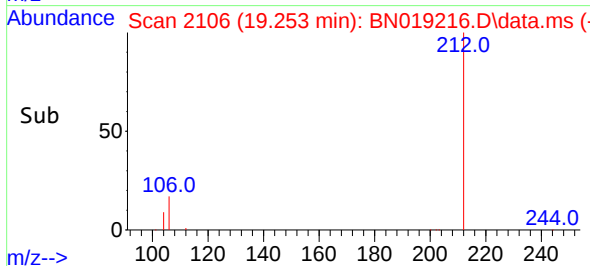


Tgt Ion:212 Resp: 24158  
Ion Ratio Lower Upper  
212 100  
106 15.4 12.7 19.1  
104 8.7 7.1 10.7

Manual Integrations

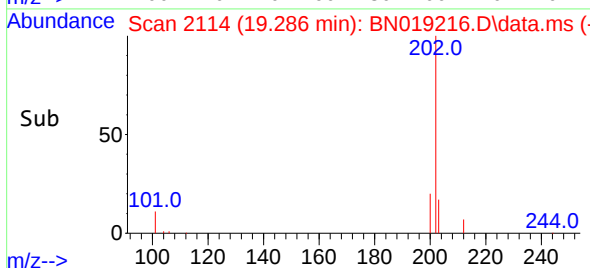
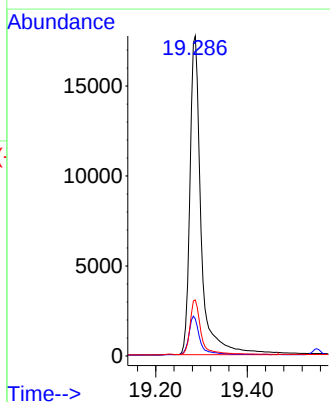
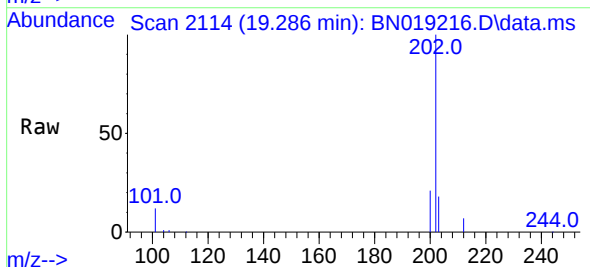
APPROVED

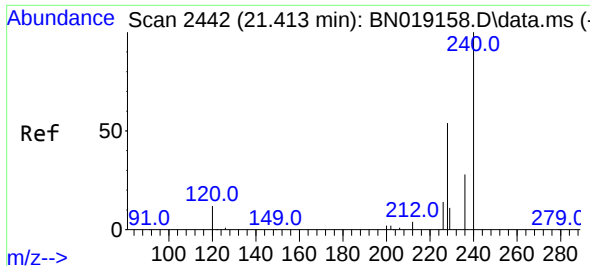
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#28  
Fluoranthene  
Concen: 0.429 ng  
RT: 19.286 min Scan# 2114  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

Tgt Ion:202 Resp: 30423  
Ion Ratio Lower Upper  
202 100  
101 11.6 9.8 14.6  
203 16.8 13.7 20.5





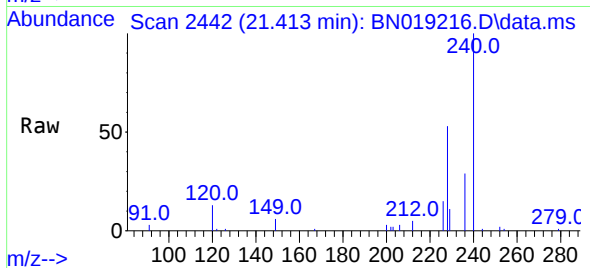
#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.413 min Scan# 2442  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

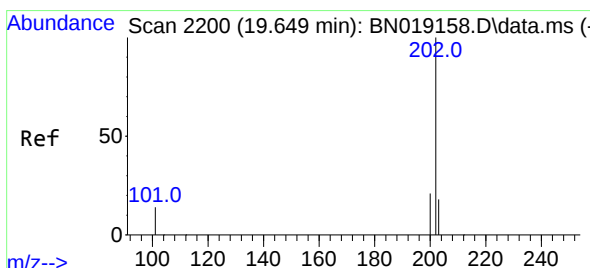
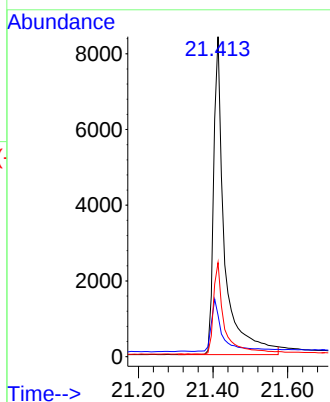
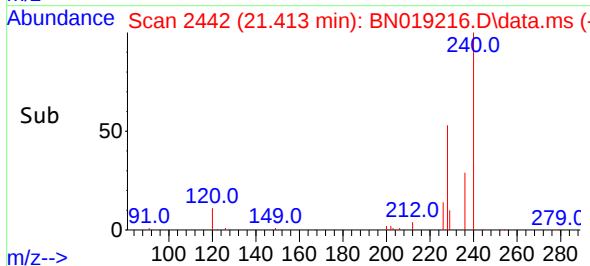


Tgt Ion:240 Resp: 17160  
Ion Ratio Lower Upper  
240 100  
120 12.9 8.5 12.7  
236 29.4 22.4 33.6

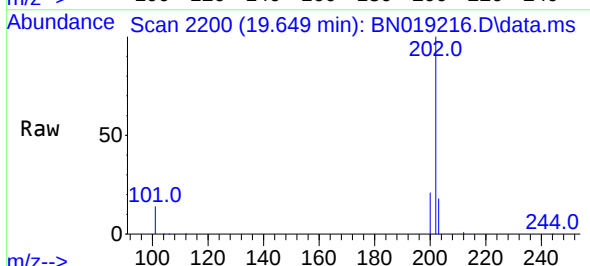
Manual Integrations

APPROVED

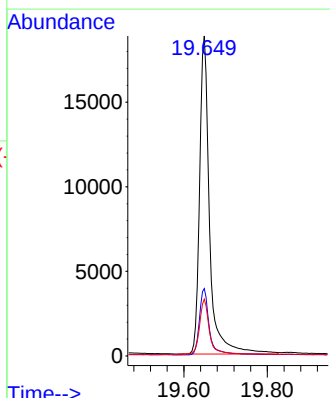
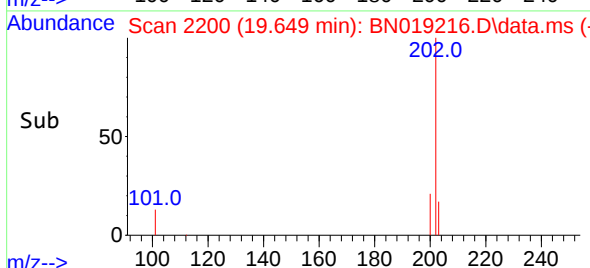
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022

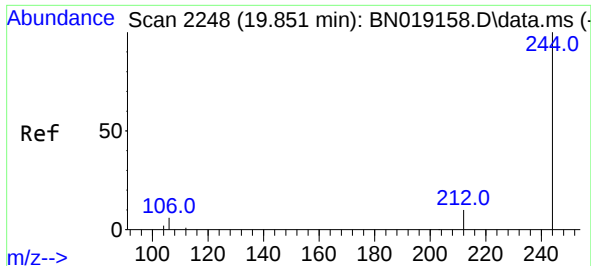


#30  
Pyrene  
Concen: 0.386 ng  
RT: 19.649 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41



Tgt Ion:202 Resp: 31295  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.9 25.3  
203 17.4 14.2 21.2





#31  
Terphenyl-d14  
Concen: 0.352 ng  
RT: 19.851 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

Instrument :

BNA\_N

ClientSampleId :

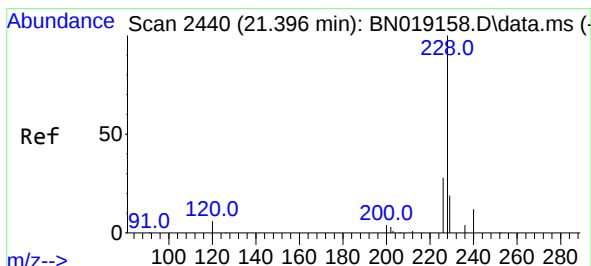
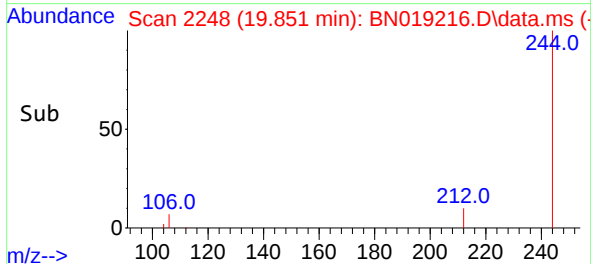
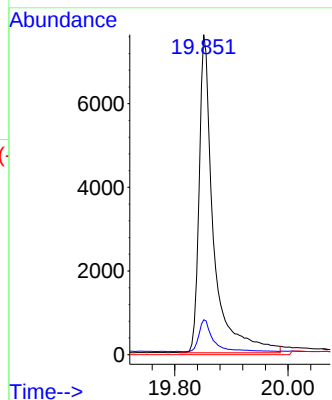
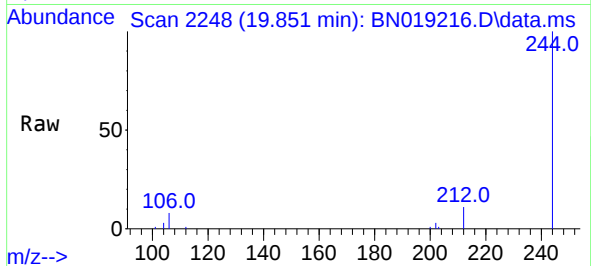
SSTDCCC0.4EC

Tgt Ion:244 Resp: 13490  
Ion Ratio Lower Upper  
244 100  
212 10.9 8.2 12.4  
122 0.0 0.0 0.0

Manual Integrations

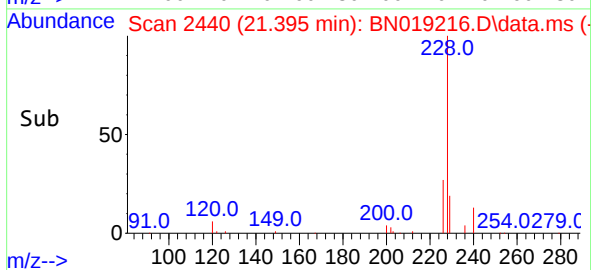
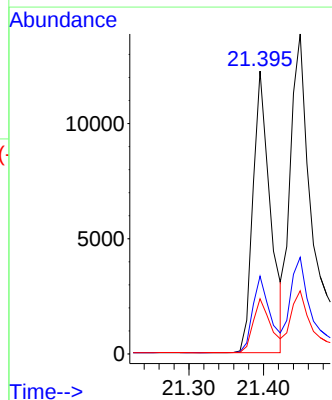
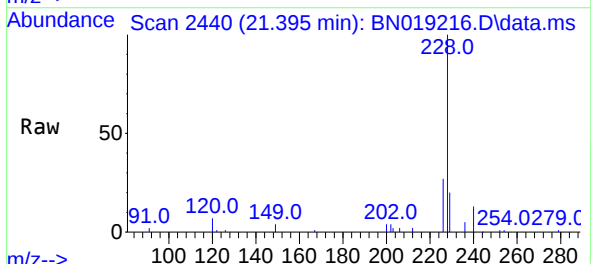
APPROVED

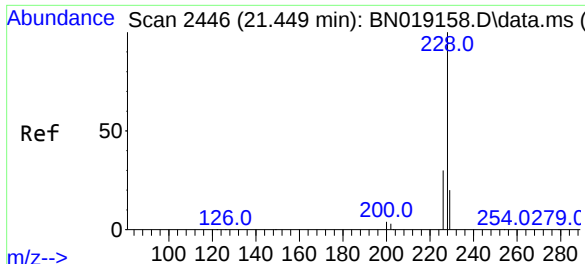
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#32  
Benzo(a)anthracene  
Concen: 0.360 ng  
RT: 21.395 min Scan# 2440  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

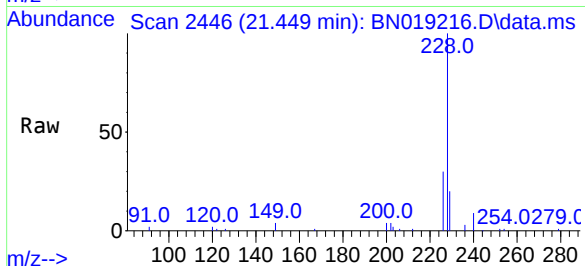
Tgt Ion:228 Resp: 19844  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.9 32.9  
229 19.5 16.0 24.0





#33  
Chrysene  
Concen: 0.387 ng  
RT: 21.449 min Scan# 2446  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

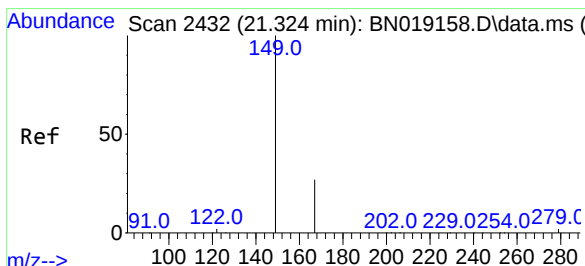
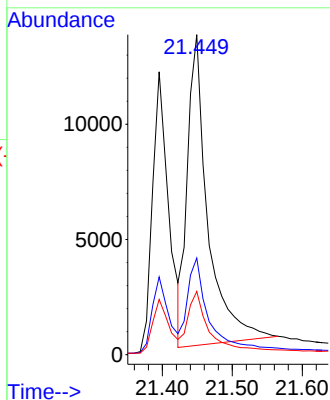
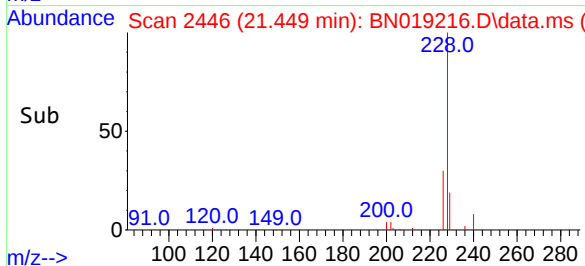
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



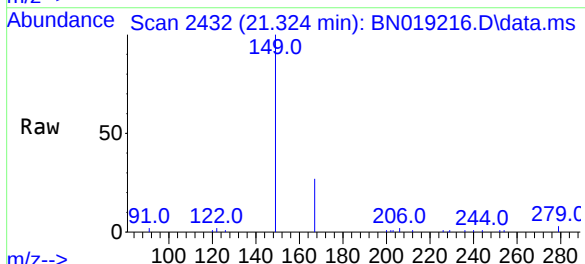
Tgt Ion:228 Resp: 2732  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.0 36.0  
229 19.7 15.9 23.9

Manual Integrations  
APPROVED

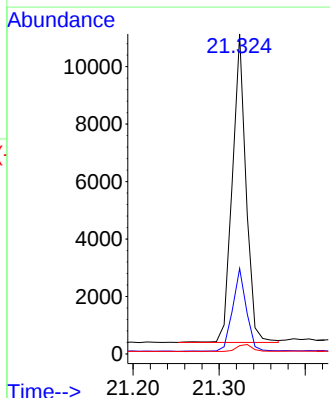
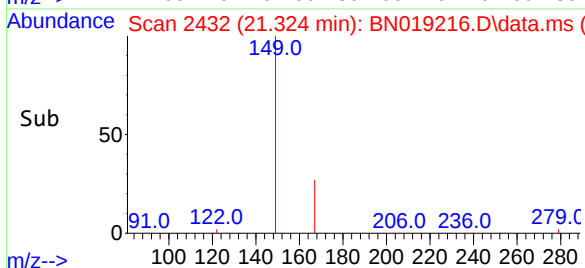
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022

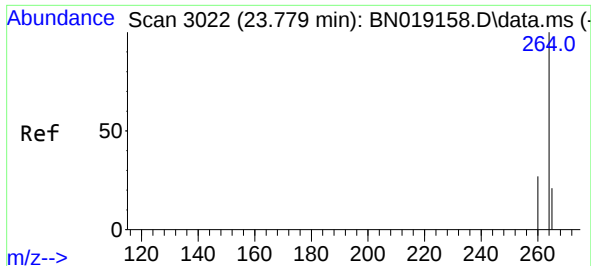


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.354 ng  
RT: 21.324 min Scan# 2432  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41



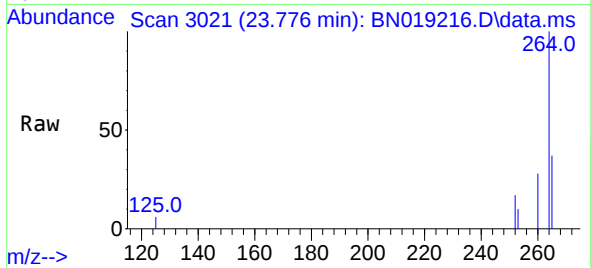
Tgt Ion:149 Resp: 11872  
Ion Ratio Lower Upper  
149 100  
167 27.3 21.8 32.8  
279 2.6 2.0 3.0





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.776 min Scan# 30  
Delta R.T. -0.003 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

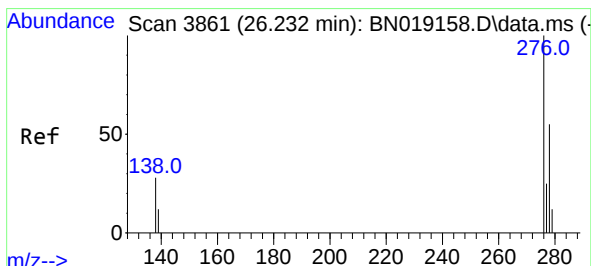
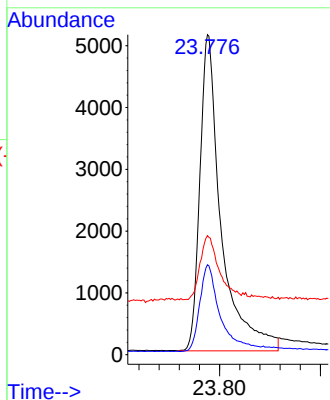
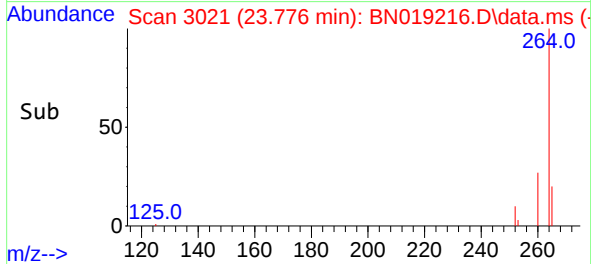
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:264 Resp: 14990  
Ion Ratio Lower Upper  
264 100  
260 28.1 22.4 33.6  
265 37.2 25.3 37.9

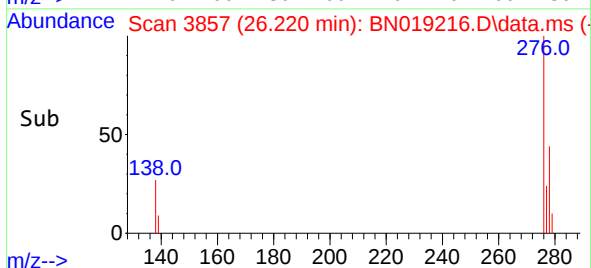
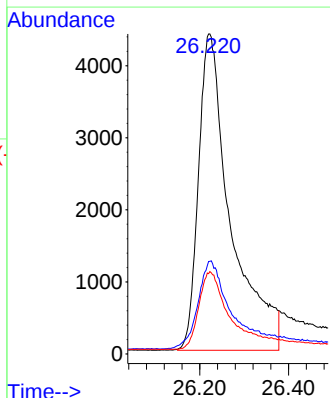
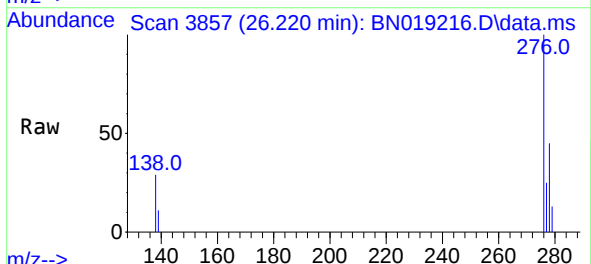
Manual Integrations  
APPROVED

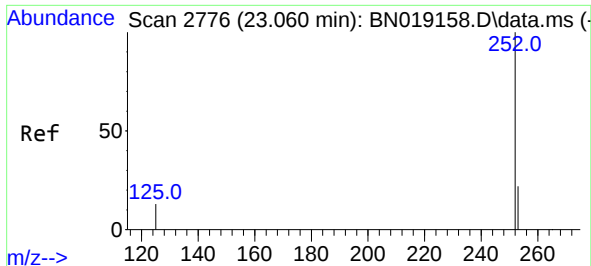
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.368 ng m  
RT: 26.220 min Scan# 3857  
Delta R.T. -0.012 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

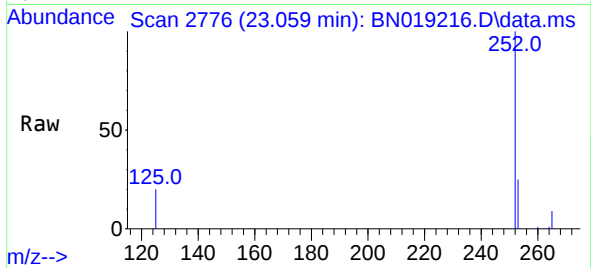
Tgt Ion:276 Resp: 22073  
Ion Ratio Lower Upper  
276 100  
138 27.1 24.5 36.7  
277 22.8 19.8 29.8





#37  
Benzo(b)fluoranthene  
Concen: 0.358 ng m  
RT: 23.059 min Scan# 2776  
Delta R.T. -0.000 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

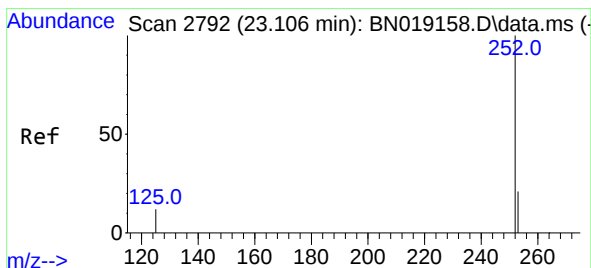
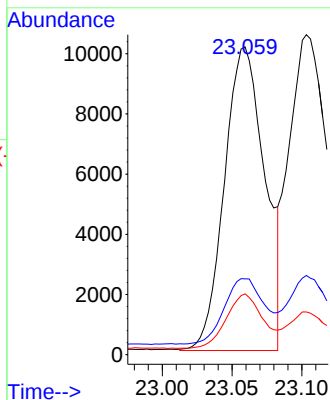
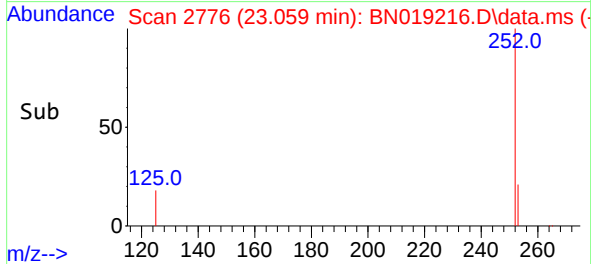
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



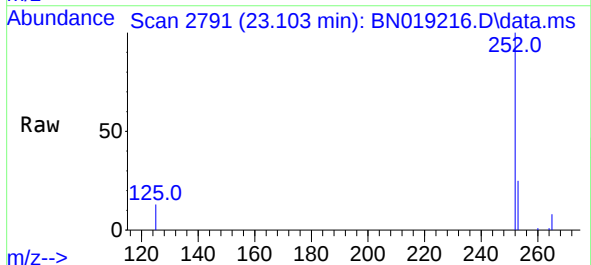
Tgt Ion:252 Resp: 2040  
Ion Ratio Lower Upper  
252 100  
253 24.6 18.9 28.3  
125 19.7 12.1 18.1

Manual Integrations  
APPROVED

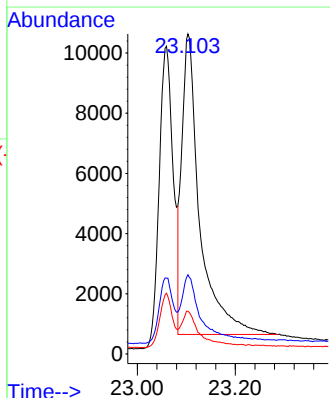
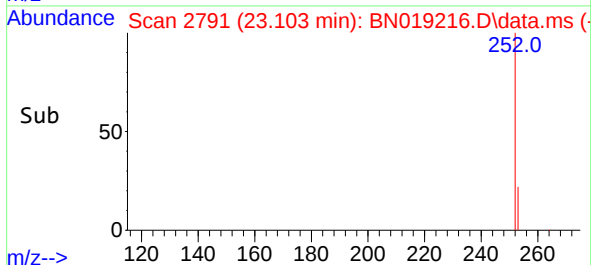
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022

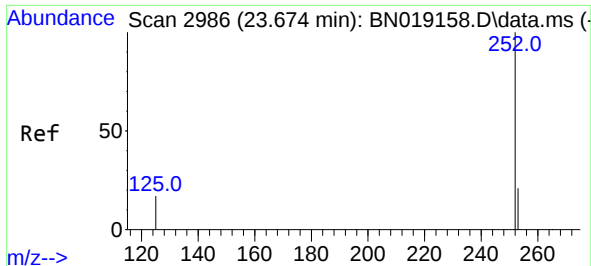


#38  
Benzo(k)fluoranthene  
Concen: 0.352 ng  
RT: 23.103 min Scan# 2791  
Delta R.T. -0.003 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41



Tgt Ion:252 Resp: 25416  
Ion Ratio Lower Upper  
252 100  
253 24.8 18.9 28.3  
125 13.3 10.3 15.5





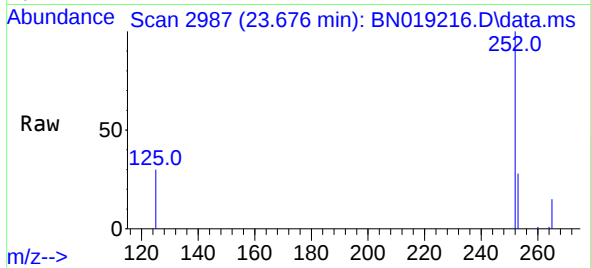
#39  
Benzo(a)pyrene  
Concen: 0.389 ng  
RT: 23.676 min Scan# 2986  
Delta R.T. 0.003 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

Instrument :

BN019216.D

ClientSampleId :

SSTDCCC0.4EC

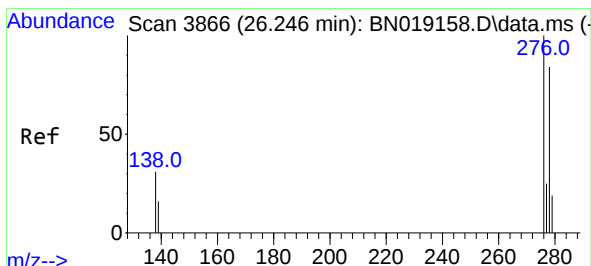
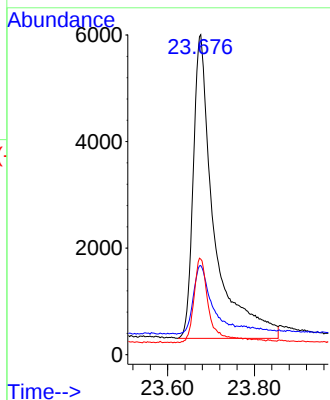
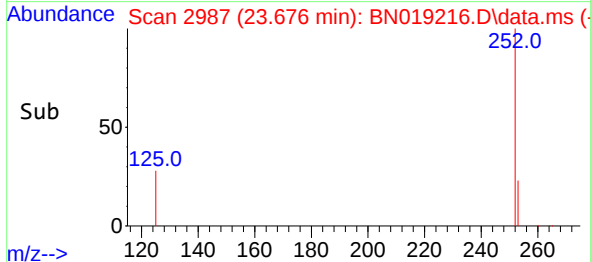


Tgt Ion:252 Resp: 1899  
Ion Ratio Lower Upper  
252 100  
253 27.8 20.1 30.1  
125 29.8 15.2 22.8

Manual Integrations

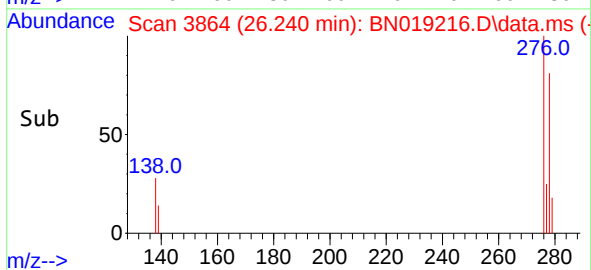
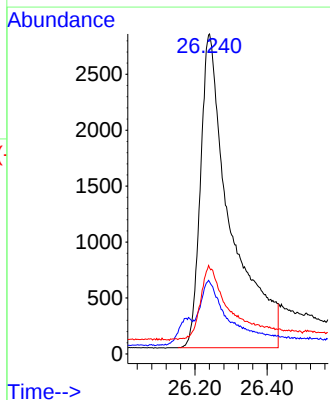
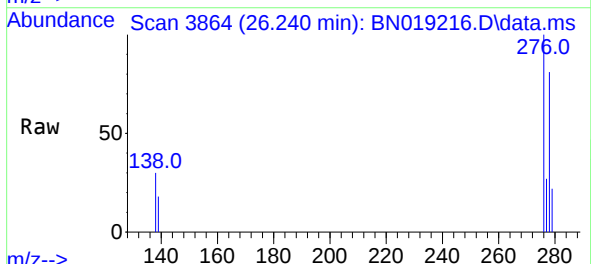
APPROVED

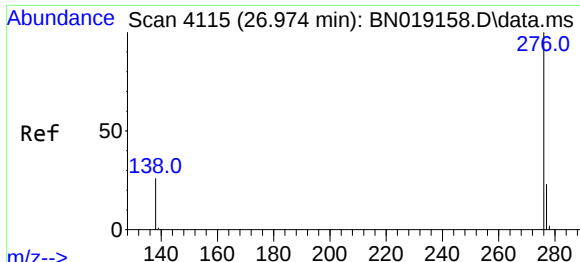
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#40  
Dibenzo(a,h)anthracene  
Concen: 0.358 ng  
RT: 26.240 min Scan# 3864  
Delta R.T. -0.006 min  
Lab File: BN019216.D  
Acq: 29 Mar 2022 03:41

Tgt Ion:278 Resp: 16144  
Ion Ratio Lower Upper  
278 100  
139 22.5 17.2 25.8  
279 26.9 19.9 29.9





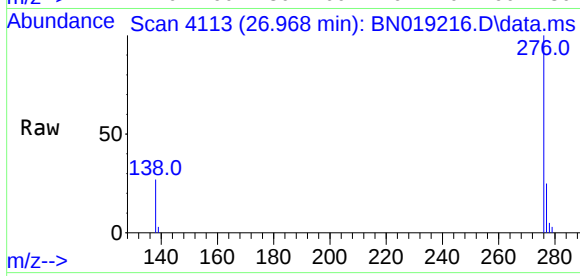
#41  
 Benzo(g,h,i)perylene  
 Concen: 0.358 ng  
 RT: 26.968 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: BN019216.D  
 Acq: 29 Mar 2022 03:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 22070 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.7  | 19.4  | 29.0  |
| 138      | 26.7  | 21.0  | 31.6  |

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2022  
 Supervised By :Jagrut Upadhyay 03/29/2022

