

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
 Data File : BN020653.D
 Acq On : 03 Jul 2022 07:31
 Operator : CG/JU
 Sample : N3535-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-20220628

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/05/2022
 Supervised By : Jagrut Upadhyay 07/05/2022

Quant Time: Jul 04 02:41:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	3985	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	12081	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	6975	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	14218	0.400	ng	# 0.00
29) Chrysene-d12	21.431	240	10222	0.400	ng	0.00
35) Perylene-d12	23.787	264	7964	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	967	0.087	ng	0.00
5) Phenol-d6	7.074	99	463	0.035	ng	0.04
8) Nitrobenzene-d5	9.014	82	1878m	0.192	ng	0.02
11) 2-Methylnaphthalene-d10	12.227	152	5349	0.258	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	472	0.180	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	7540	0.262	ng	0.00
27) Fluoranthene-d10	19.265	212	12462	0.295	ng	0.00
31) Terphenyl-d14	19.868	244	9759	0.399	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	1331	0.037	ng	# 77
18) Fluorene	15.543	166	711	0.024	ng	98
25) Phenanthrene	17.266	178	1682	0.035	ng	98
26) Anthracene	17.369	178	1194	0.029	ng	97
28) Fluoranthene	19.295	202	2136	0.041	ng	97
30) Pyrene	19.661	202	2182	0.050	ng	98
32) Benzo(a)anthracene	21.422	228	1455	0.040	ng	# 88
33) Chrysene	21.476	228	1814	0.045	ng	94
34) Bis(2-ethylhexyl)phtha...	21.351	149	1133	0.055	ng	# 96
37) Benzo(b)fluoranthene	23.083	252	1199	0.039	ng	# 31
38) Benzo(k)fluoranthene	23.127	252	1134m	0.035	ng	
39) Benzo(a)pyrene	23.688	252	842	0.032	ng	# 1

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

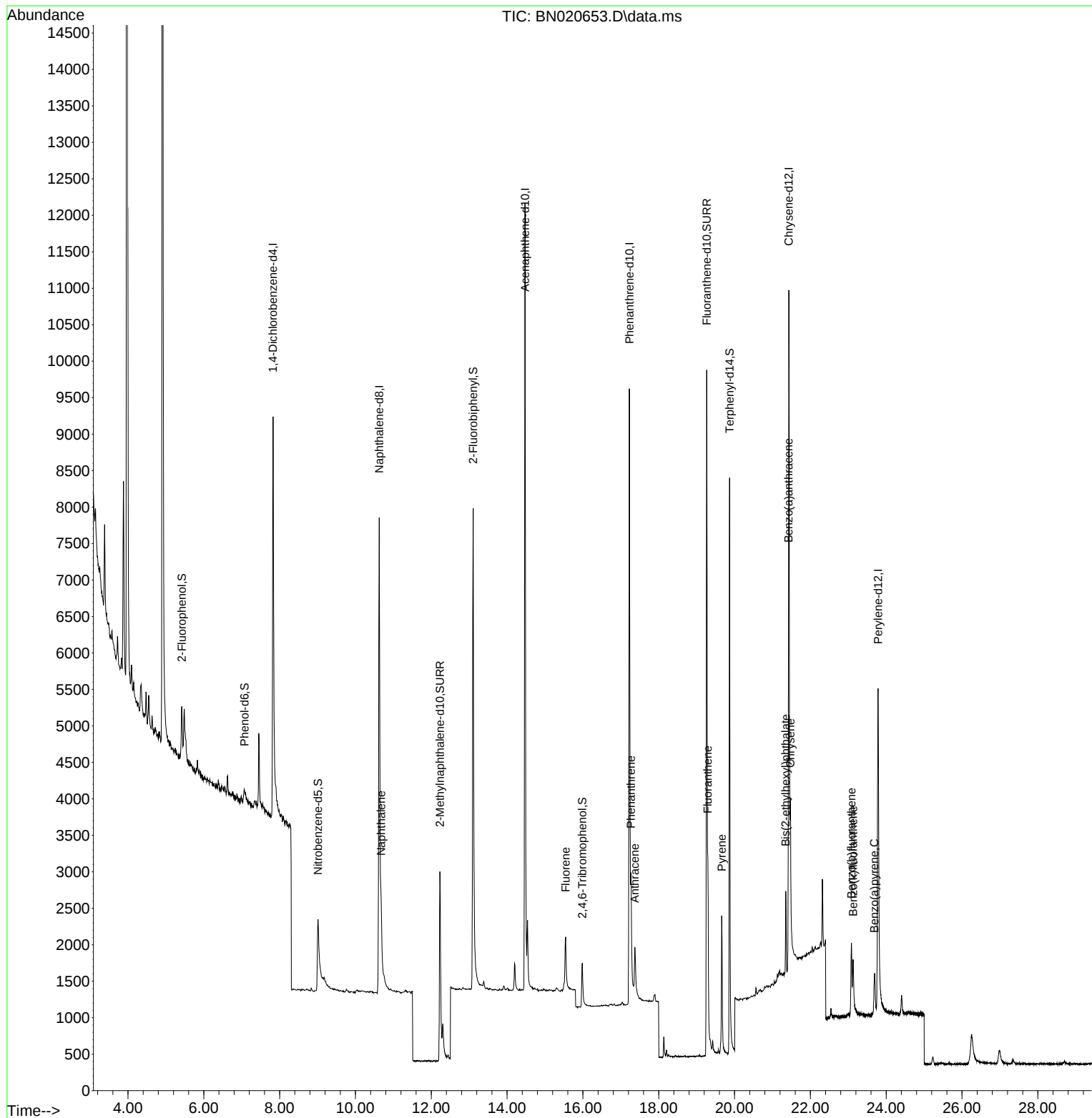
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
Data File : BN020653.D
Acq On : 03 Jul 2022 07:31
Operator : CG/JU
Sample : N3535-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

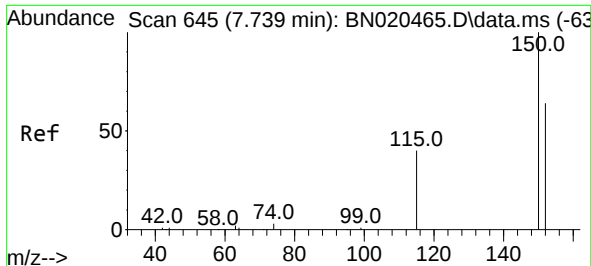
Instrument :
BNA_N
ClientSampleId :
RW8-20220628

Quant Time: Jul 04 02:41:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

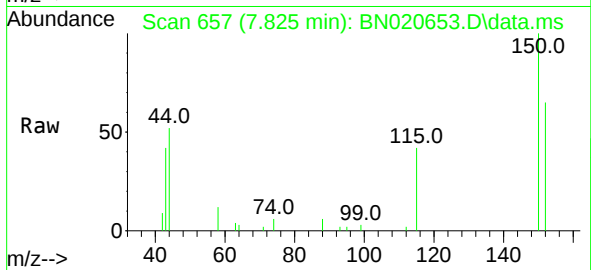
Reviewed By : Christian Giraldo 07/05/2022
Supervised By : Jagrut Upadhyay 07/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 612
Delta R.T. 0.000 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

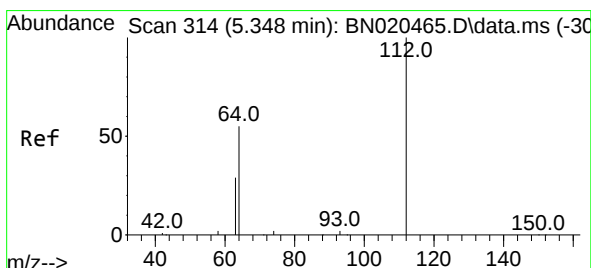
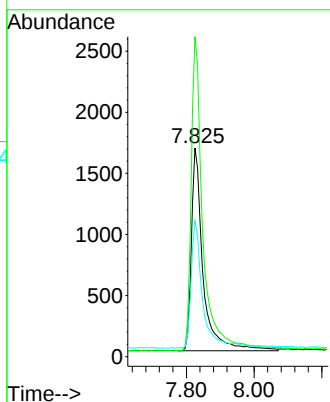
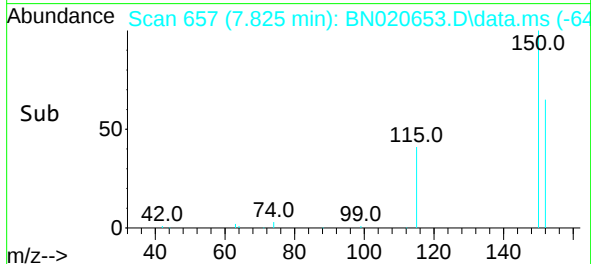
Instrument :
BNA_N
ClientSampleId :
RW8-20220628



Tgt Ion:152 Resp: 398
Ion Ratio Lower Upper
152 100
150 153.3 127.9 191.9
115 65.2 51.4 77.2

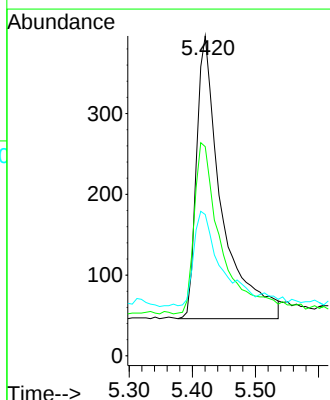
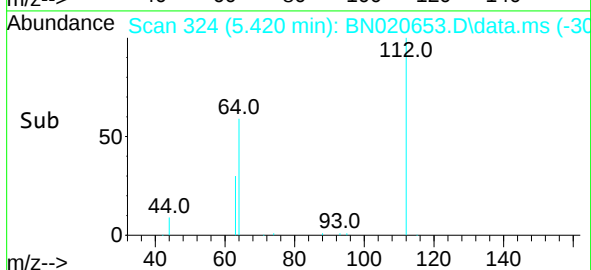
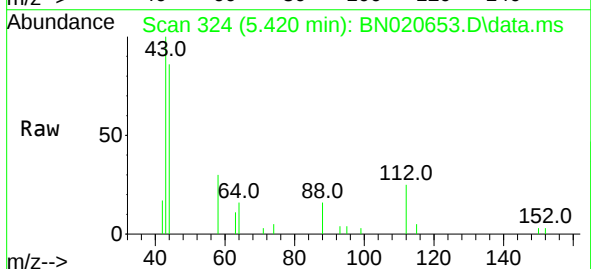
Manual Integrations
APPROVED

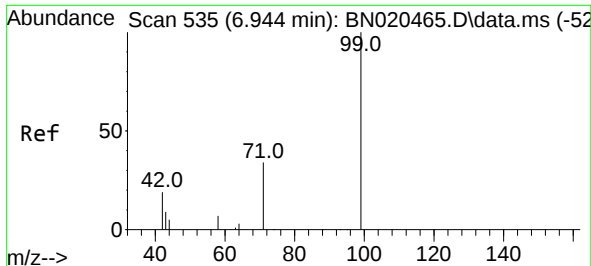
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#4
2-Fluorophenol
Concen: 0.087 ng
RT: 5.420 min Scan# 324
Delta R.T. 0.007 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

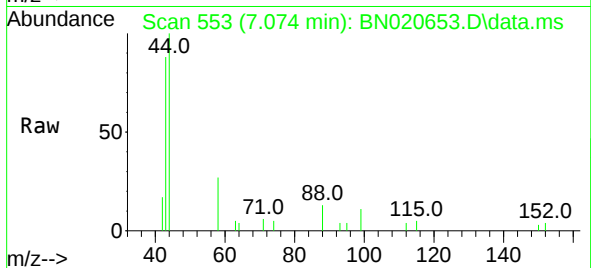
Tgt Ion:112 Resp: 967
Ion Ratio Lower Upper
112 100
64 64.7 49.1 73.7
63 36.5 26.3 39.5





#5
Phenol-d6
Concen: 0.035 ng
RT: 7.074 min Scan# 51
Delta R.T. 0.043 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

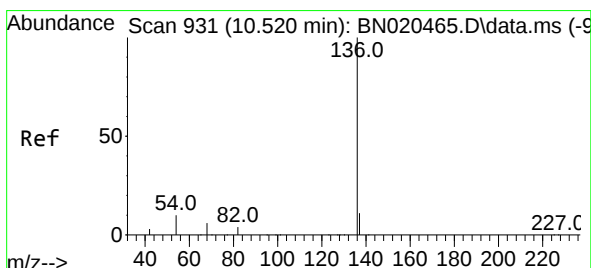
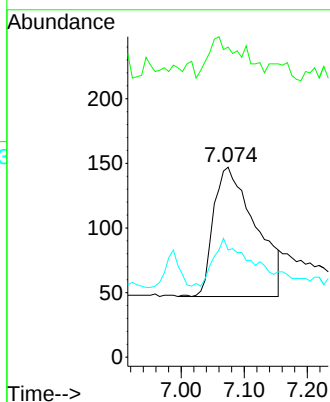
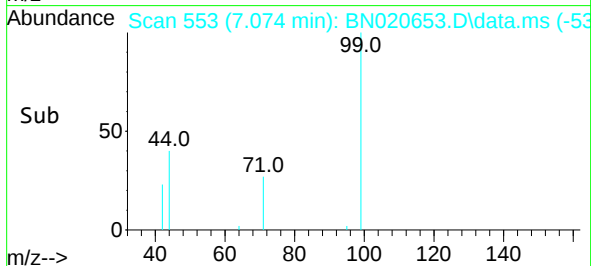
Instrument :
BNA_N
ClientSampleId :
RW8-20220628



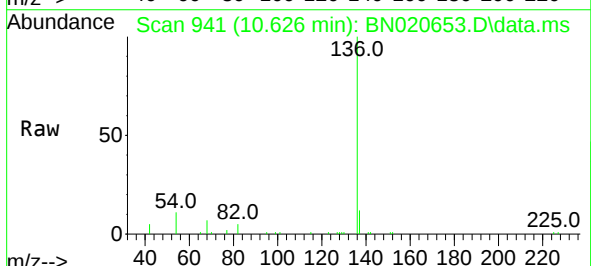
Tgt Ion: 99 Resp: 46
Ion Ratio Lower Upper
99 100
42 24.8 19.3 28.9
71 31.1 27.5 41.3

Manual Integrations
APPROVED

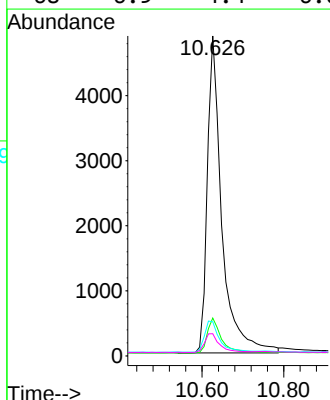
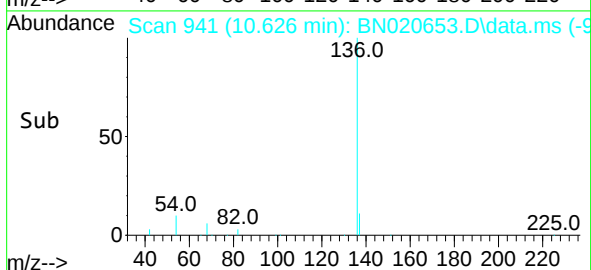
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

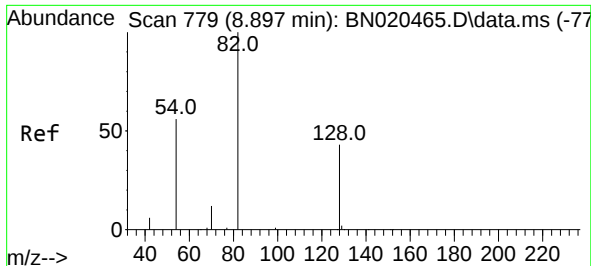


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31



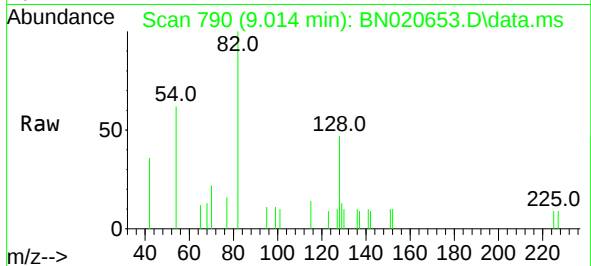
Tgt Ion:136 Resp: 12081
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 10.7 6.2 9.2#
68 6.9 4.4 6.6#





#8
Nitrobenzene-d5
Concen: 0.192 ng m
RT: 9.014 min Scan# 79
Delta R.T. 0.021 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

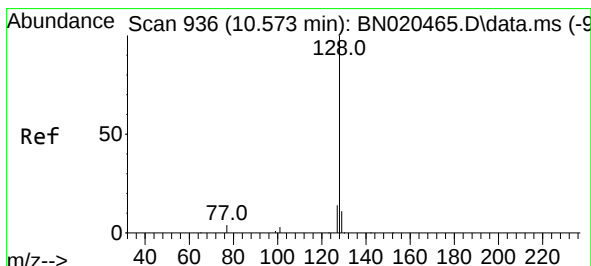
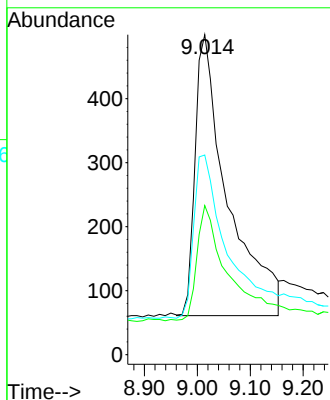
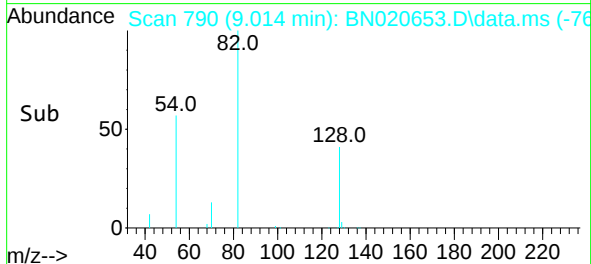
Instrument :
BNA_N
ClientSampleId :
RW8-20220628



Tgt Ion: 82 Resp: 1878
Ion Ratio Lower Upper
82 100
128 46.6 35.0 52.6
54 62.4 46.2 69.4

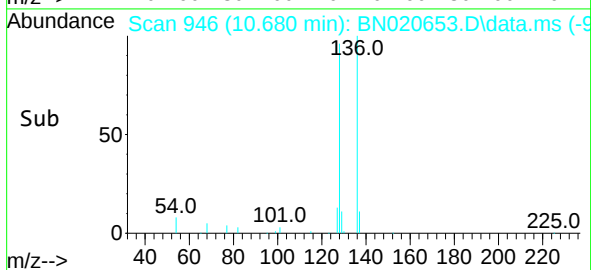
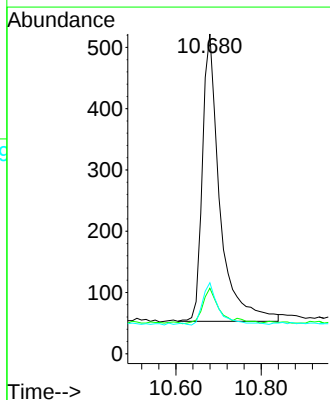
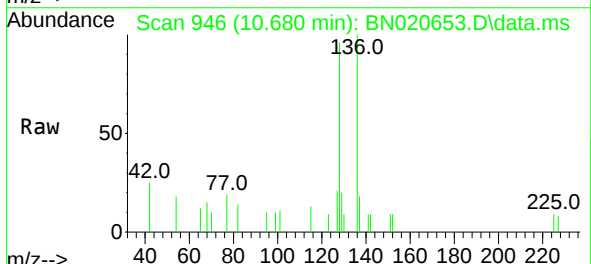
Manual Integrations
APPROVED

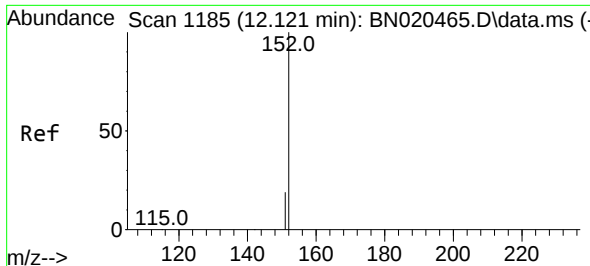
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#9
Naphthalene
Concen: 0.037 ng
RT: 10.680 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

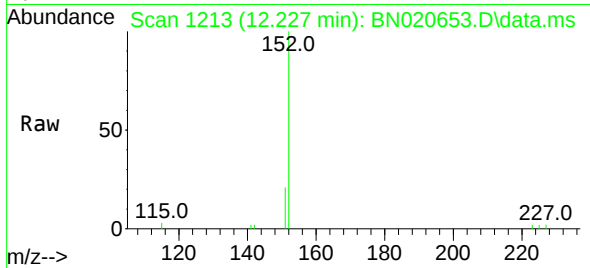
Tgt Ion:128 Resp: 1331
Ion Ratio Lower Upper
128 100
129 20.5 8.9 13.3#
127 22.2 10.8 16.2#





#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 12.227 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

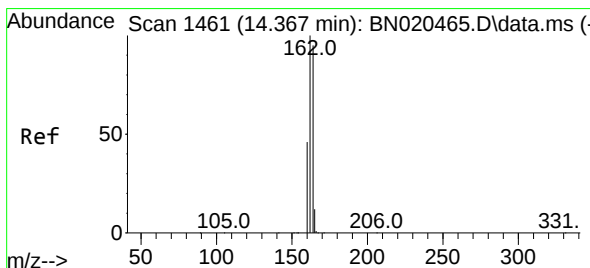
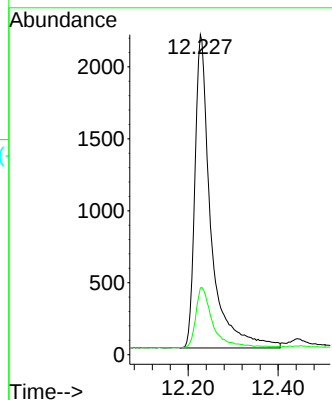
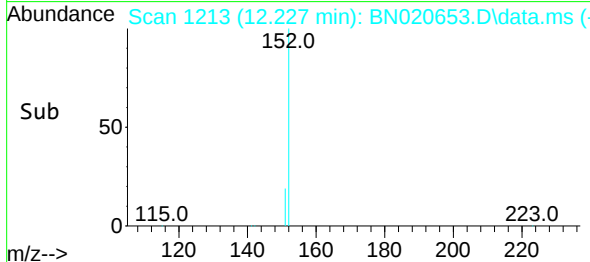
Instrument :
BNA_N
ClientSampleId :
RW8-20220628



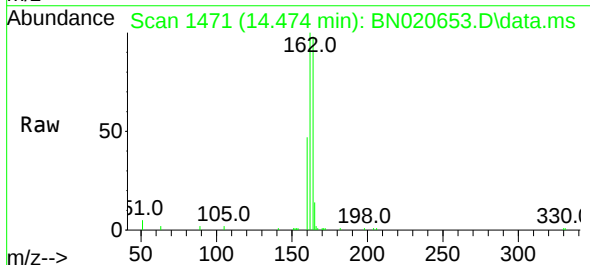
Tgt Ion:152 Resp: 5349
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4

Manual Integrations
APPROVED

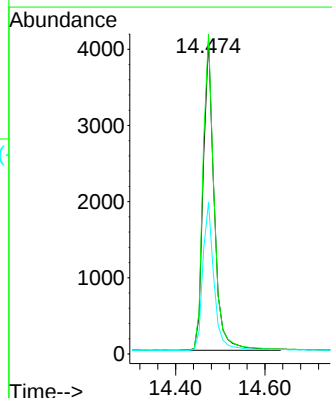
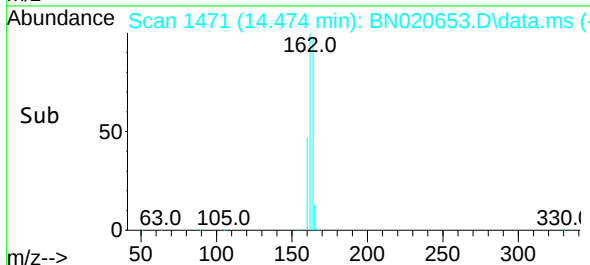
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

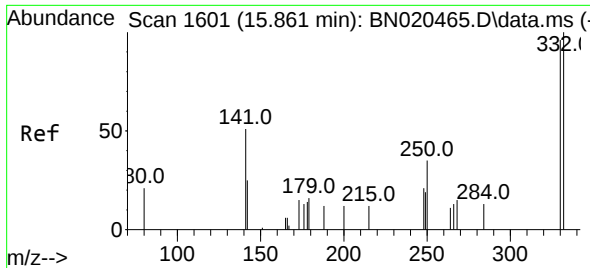


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31



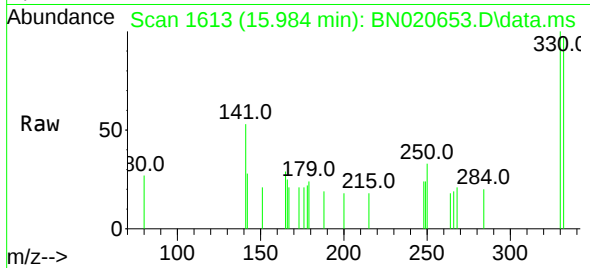
Tgt Ion:164 Resp: 6975
Ion Ratio Lower Upper
164 100
162 101.5 82.1 123.1
160 48.2 38.6 58.0





#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 15.984 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

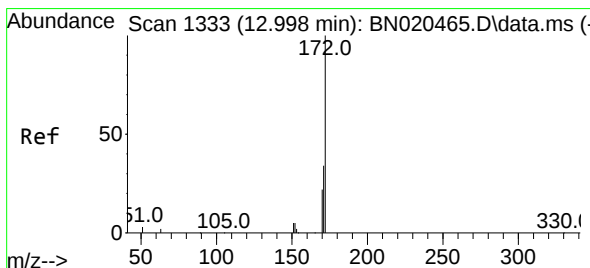
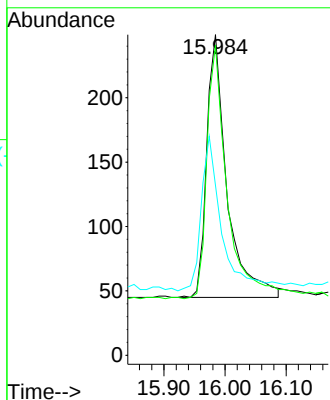
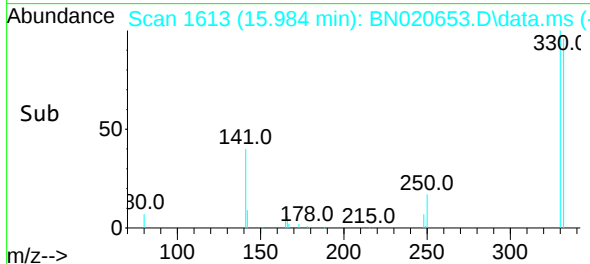
Instrument :
BNA_N
ClientSampleId :
RW8-20220628



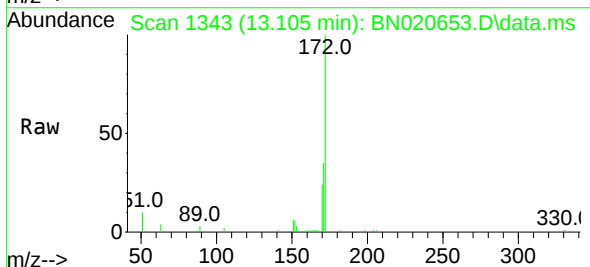
Tgt Ion:330 Resp: 472
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 59.7 41.0 61.4

Manual Integrations
APPROVED

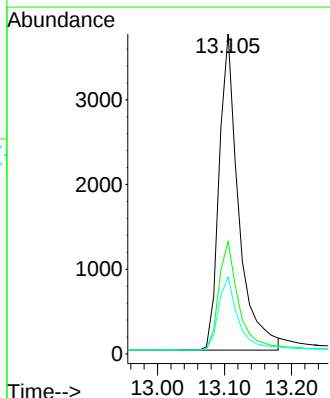
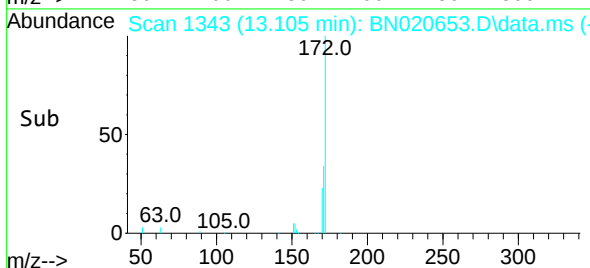
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

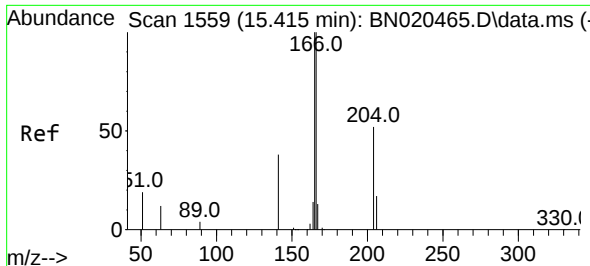


#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31



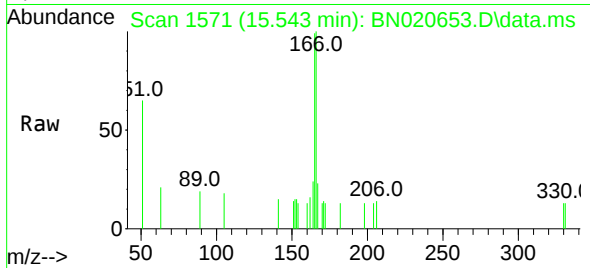
Tgt Ion:172 Resp: 7540
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 24.0 18.2 27.4





#18
Fluorene
Concen: 0.024 ng
RT: 15.543 min Scan# 1571
Delta R.T. 0.011 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

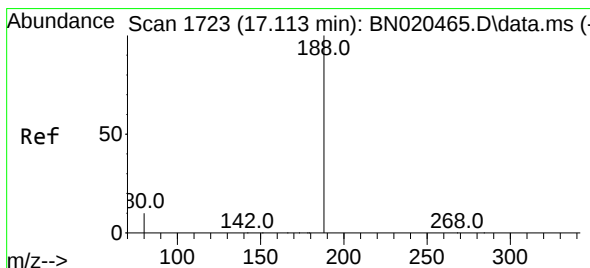
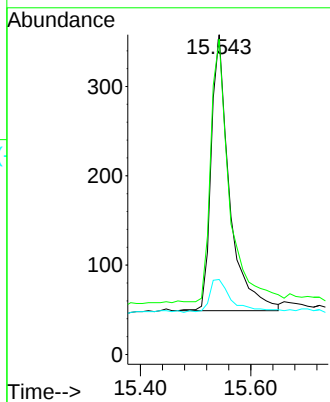
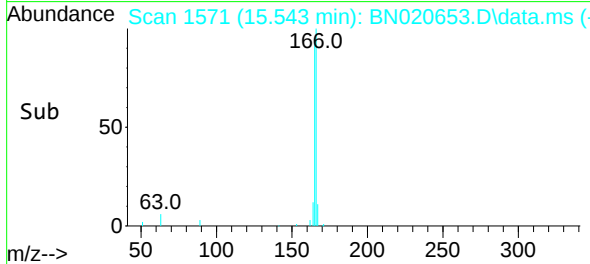
Instrument :
BNA_N
ClientSampleId :
RW8-20220628



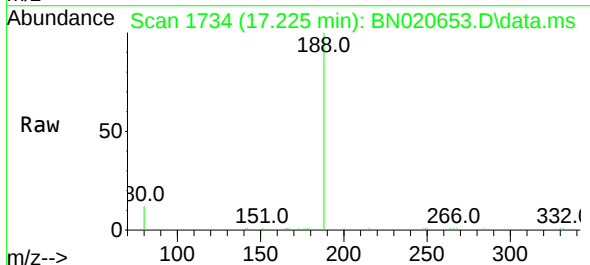
Tgt Ion:166 Resp: 711
Ion Ratio Lower Upper
166 100
165 96.8 78.6 118.0
167 15.3 10.8 16.2

Manual Integrations
APPROVED

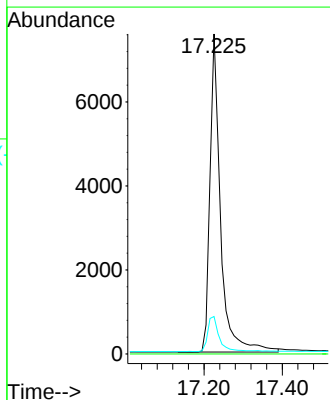
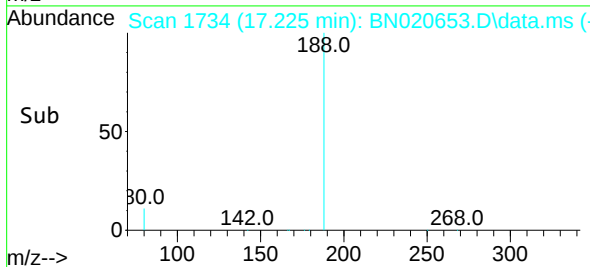
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

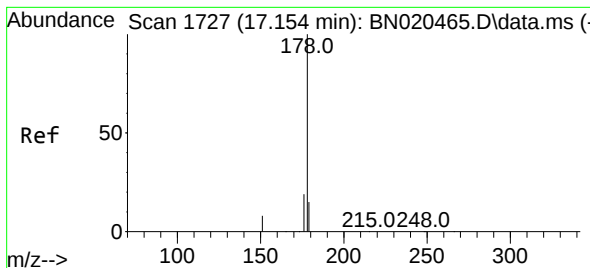


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31



Tgt Ion:188 Resp: 14218
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 7.4 11.2#





#25

Phenanthrene

Concen: 0.035 ng

RT: 17.266 min Scan# 1748

Delta R.T. 0.000 min

Lab File: BN020653.D

Acq: 03 Jul 2022 07:31

Instrument :

BNA_N

ClientSampleId :

RW8-20220628

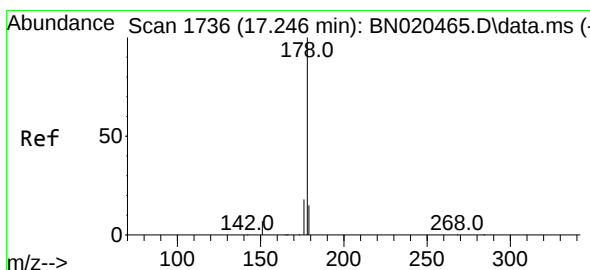
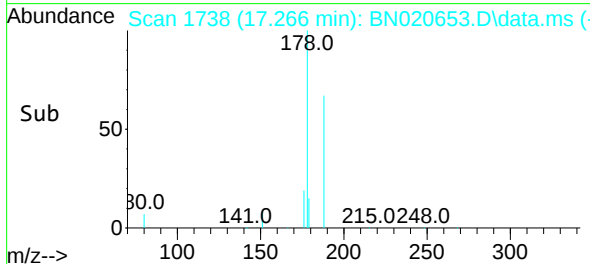
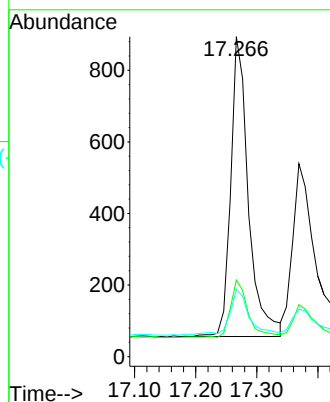
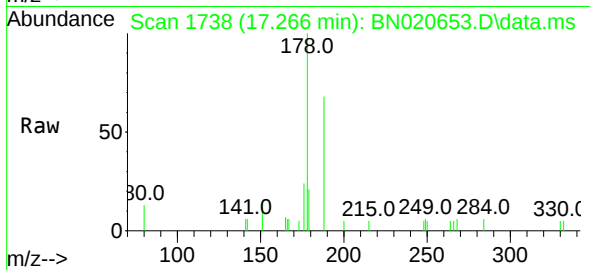
Tgt Ion:	178	Resp:	168
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.3	22.9
179	17.1	12.2	18.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/05/2022

Supervised By :Jagrut Upadhyay 07/05/2022



#26

Anthracene

Concen: 0.029 ng

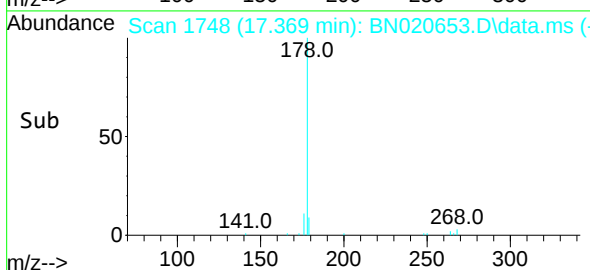
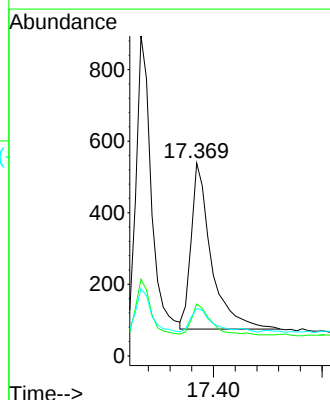
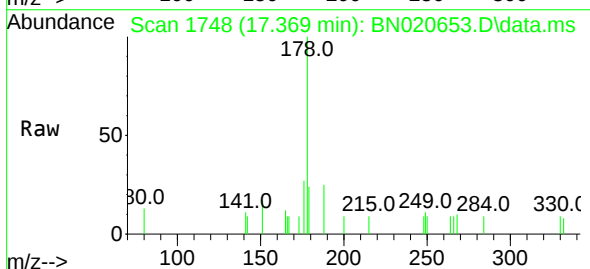
RT: 17.369 min Scan# 1748

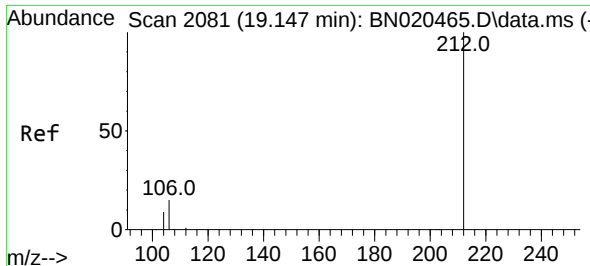
Delta R.T. 0.010 min

Lab File: BN020653.D

Acq: 03 Jul 2022 07:31

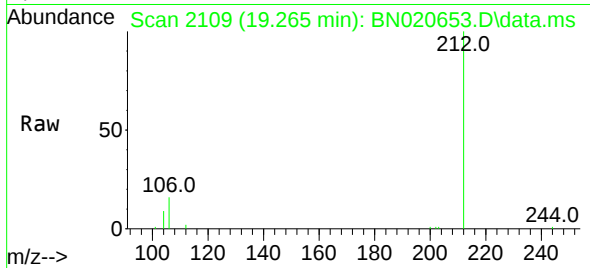
Tgt Ion:	178	Resp:	1194
Ion Ratio	Lower	Upper	
178	100		
176	17.3	14.9	22.3
179	14.2	12.2	18.4





#27
Fluoranthene-d10
Concen: 0.295 ng
RT: 19.265 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

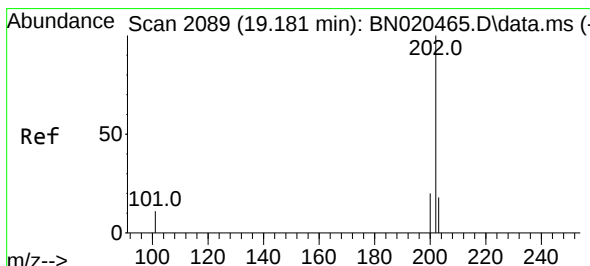
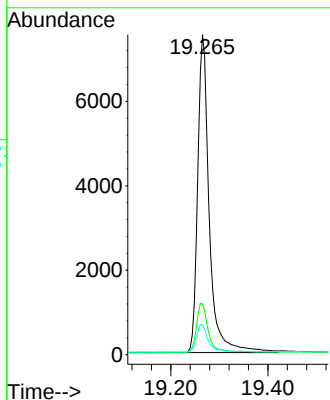
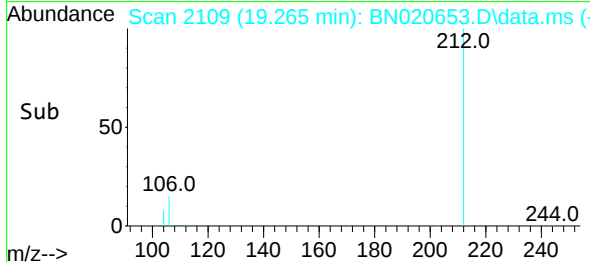
Instrument :
BNA_N
ClientSampleId :
RW8-20220628



Tgt Ion:212 Resp: 12462
Ion Ratio Lower Upper
212 100
106 15.4 12.6 19.0
104 8.8 7.2 10.8

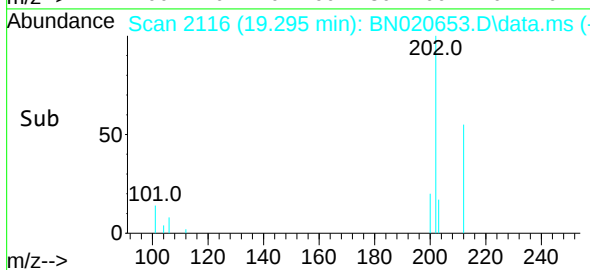
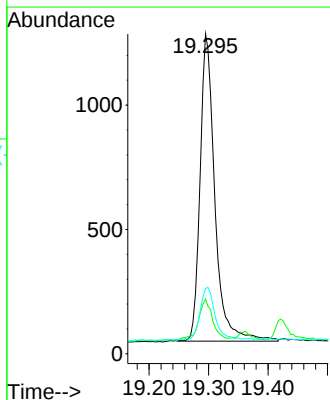
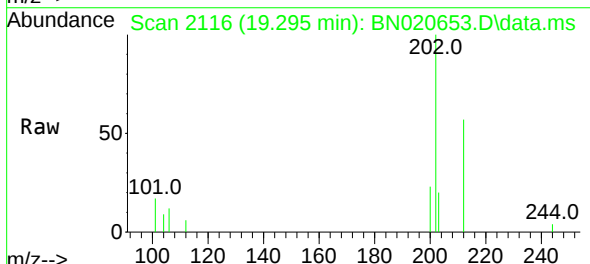
Manual Integrations
APPROVED

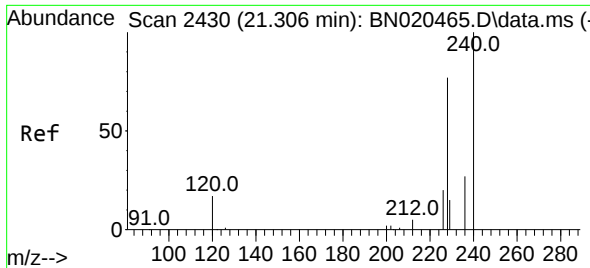
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#28
Fluoranthene
Concen: 0.041 ng
RT: 19.295 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

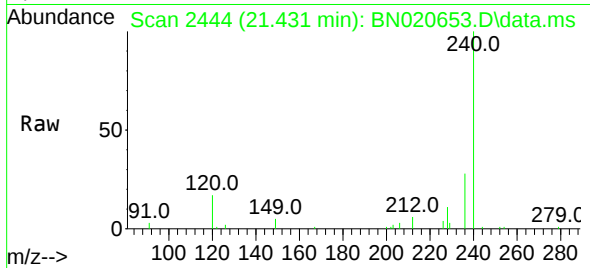
Tgt Ion:202 Resp: 2136
Ion Ratio Lower Upper
202 100
101 13.2 9.6 14.4
203 18.2 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

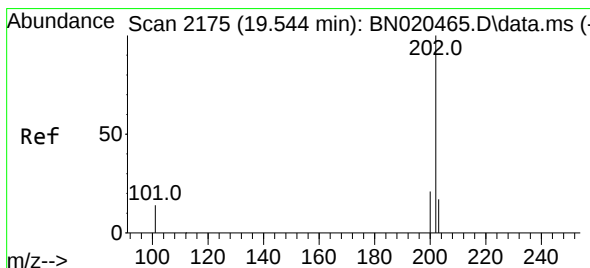
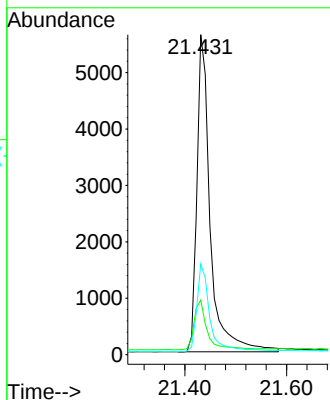
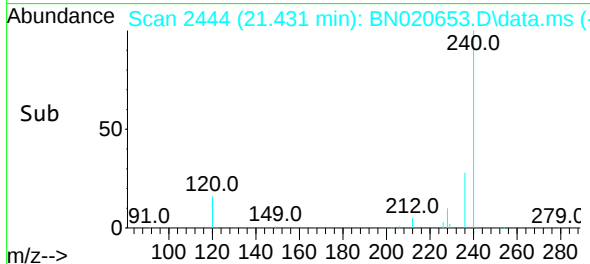
Instrument :
BNA_N
ClientSampleId :
RW8-20220628



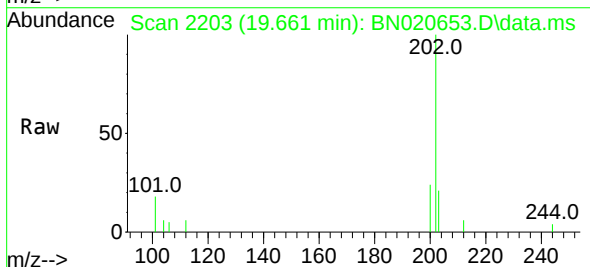
Tgt Ion:240 Resp: 1022
Ion Ratio Lower Upper
240 100
120 17.1 14.6 21.8
236 28.4 22.6 33.8

Manual Integrations
APPROVED

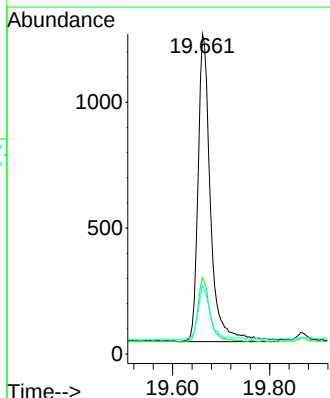
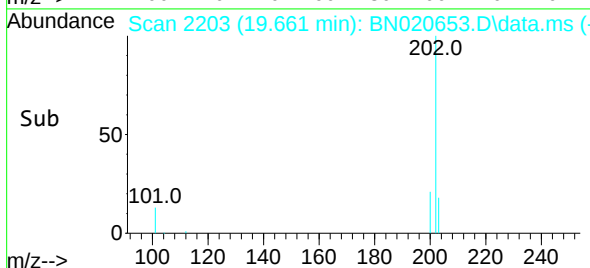
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

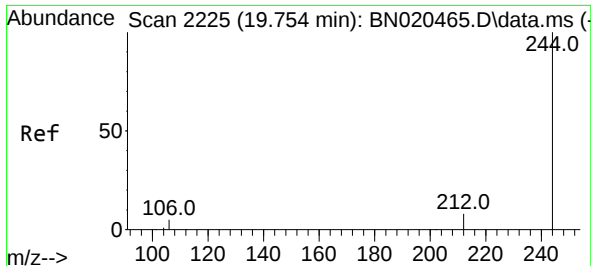


#30
Pyrene
Concen: 0.050 ng
RT: 19.661 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31



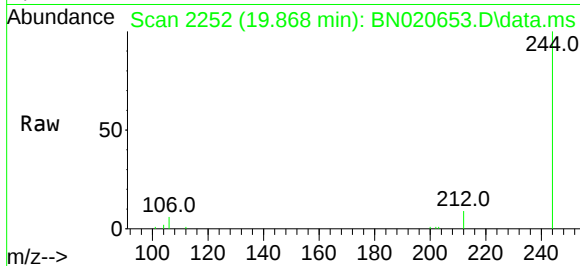
Tgt Ion:202 Resp: 2182
Ion Ratio Lower Upper
202 100
200 20.0 16.6 25.0
203 16.8 14.2 21.2





#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.868 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

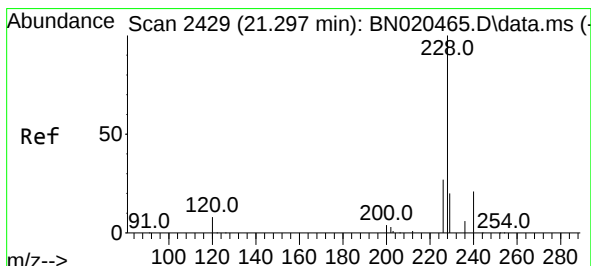
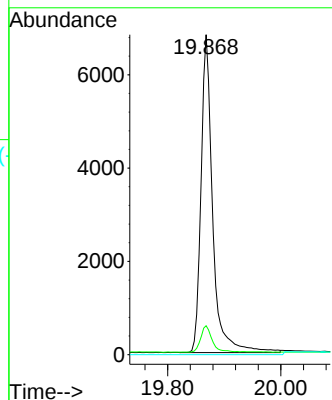
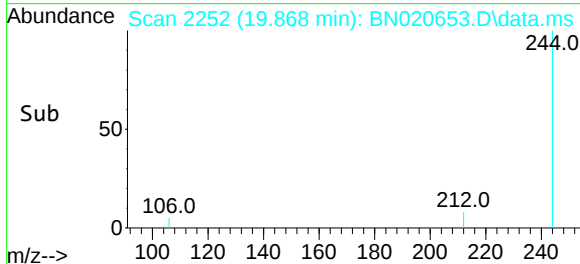
Instrument :
BNA_N
ClientSampleId :
RW8-20220628



Tgt Ion:244 Resp: 975
Ion Ratio Lower Upper
244 100
212 9.1 7.1 10.7
122 0.0 0.0 0.0

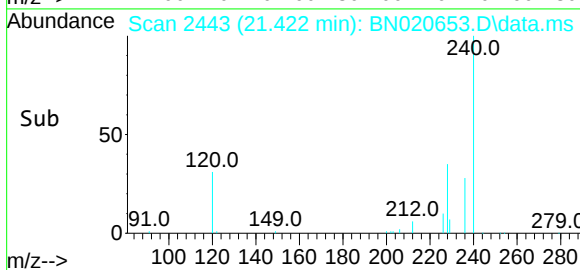
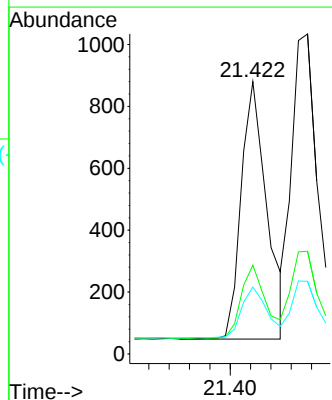
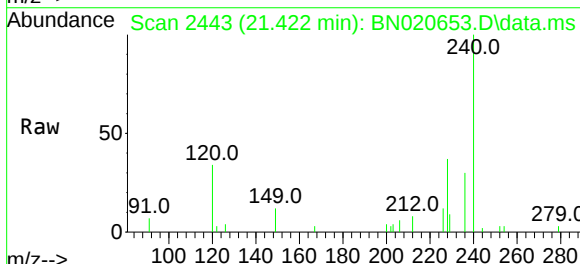
Manual Integrations
APPROVED

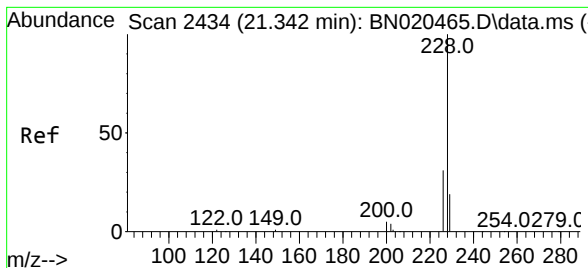
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#32
Benzo(a)anthracene
Concen: 0.040 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

Tgt Ion:228 Resp: 1455
Ion Ratio Lower Upper
228 100
226 32.6 21.2 31.8#
229 24.5 15.6 23.4#





#33

Chrysene

Concen: 0.045 ng

RT: 21.476 min Scan# 2449

Delta R.T. 0.009 min

Lab File: BN020653.D

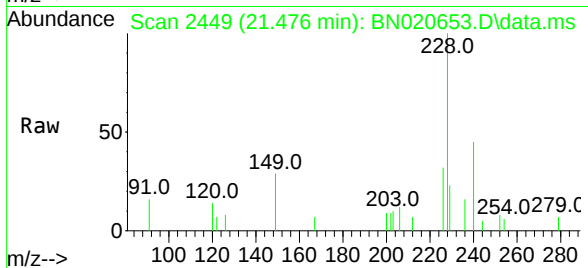
Acq: 03 Jul 2022 07:31

Instrument :

BNA_N

ClientSampleId :

RW8-20220628

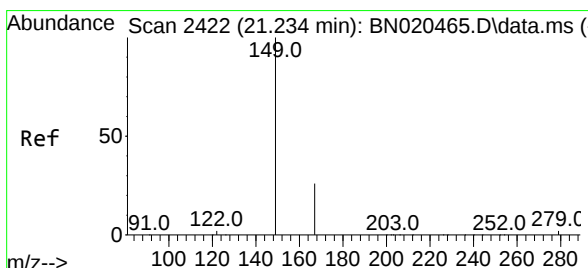
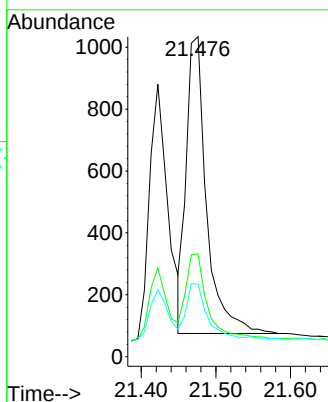
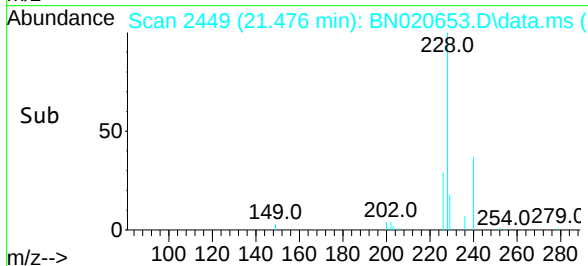


Tgt Ion:	228	Resp:	1814
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.4	35.0
229	22.7	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.055 ng

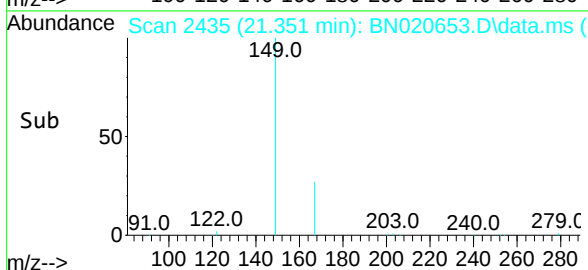
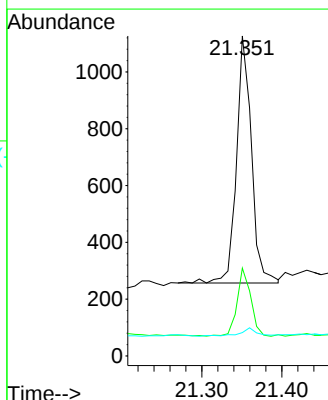
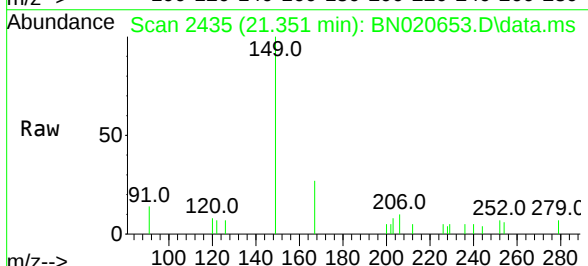
RT: 21.351 min Scan# 2435

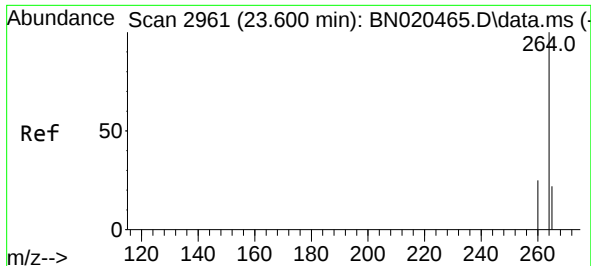
Delta R.T. 0.000 min

Lab File: BN020653.D

Acq: 03 Jul 2022 07:31

Tgt Ion:	149	Resp:	1133
Ion Ratio	Lower	Upper	
149	100		
167	25.2	21.7	32.5
279	4.0	2.2	3.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.787 min Scan# 3025

Delta R.T. -0.003 min

Lab File: BN020653.D

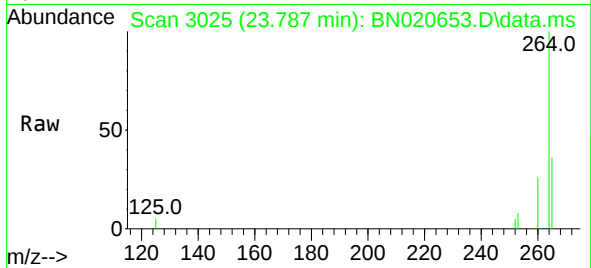
Acq: 03 Jul 2022 07:31

Instrument :

BNA_N

ClientSampleId :

RW8-20220628



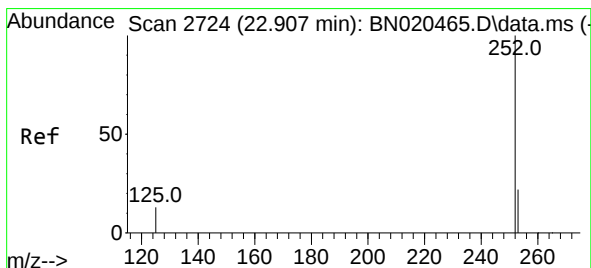
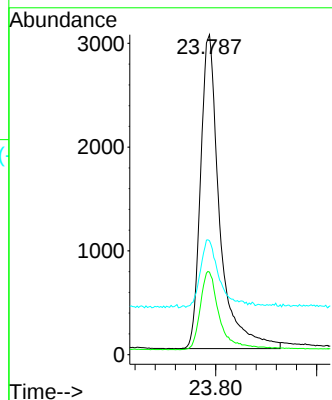
Tgt Ion:264 Resp: 7964

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.9	31.3
265	35.6	28.0	42.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#37

Benzo(b)fluoranthene

Concen: 0.039 ng

RT: 23.083 min Scan# 2784

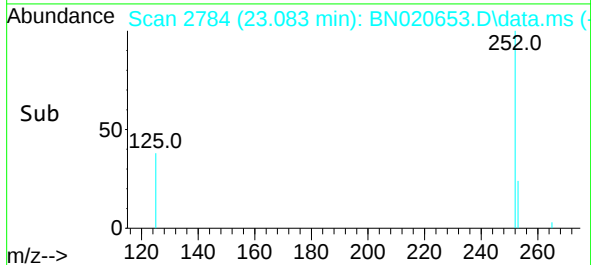
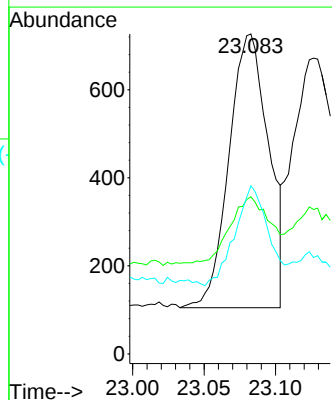
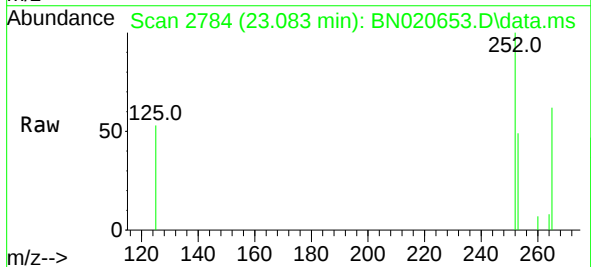
Delta R.T. 0.009 min

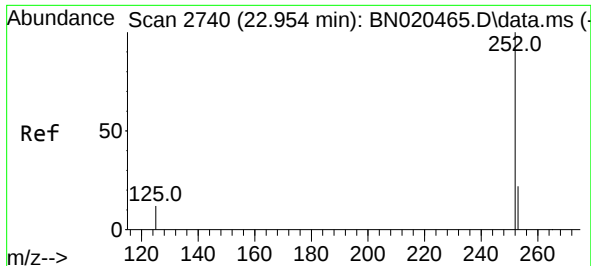
Lab File: BN020653.D

Acq: 03 Jul 2022 07:31

Tgt Ion:252 Resp: 1199

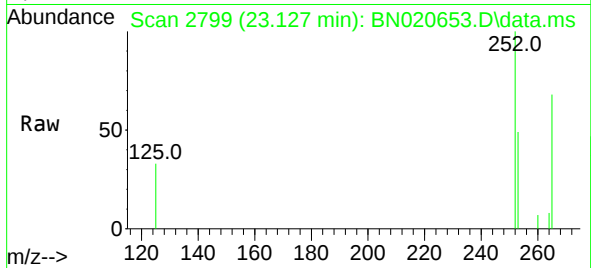
Ion	Ratio	Lower	Upper
252	100		
253	49.1	18.5	27.7#
125	52.5	11.4	17.0#





#38
Benzo(k)fluoranthene
Concen: 0.035 ng m
RT: 23.127 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

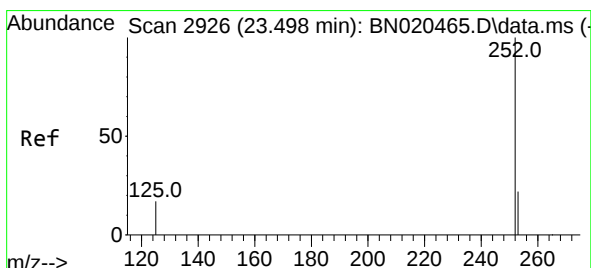
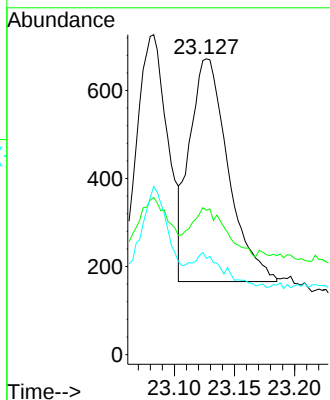
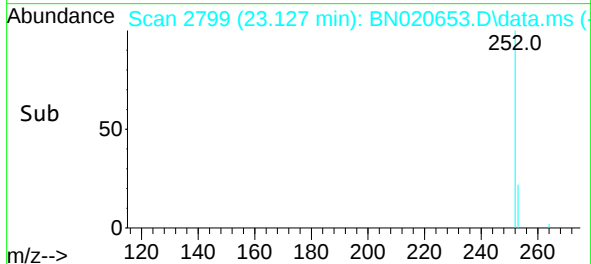
Instrument :
BNA_N
ClientSampleId :
RW8-20220628



Tgt Ion:252 Resp: 1134
Ion Ratio Lower Upper
252 100
253 48.8 18.0 27.0#
125 32.6 11.0 16.4#

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#39
Benzo(a)pyrene
Concen: 0.032 ng
RT: 23.688 min Scan# 2991
Delta R.T. 0.003 min
Lab File: BN020653.D
Acq: 03 Jul 2022 07:31

Tgt Ion:252 Resp: 842
Ion Ratio Lower Upper
252 100
253 72.1 19.0 28.4#
125 79.4 13.8 20.8#

