

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129168.D
 Acq On : 07 Jul 2022 20:03
 Operator : CG\JU
 Sample : N3584-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26572

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/08/2022
 Supervised By : Jagrut Upadhyay 07/08/2022

Quant Time: Jul 08 01:56:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	223979	20.000	ng	-0.01
21) Naphthalene-d8	8.233	136	821849	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	382402	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	519116	20.000	ng	#-0.01
76) Chrysene-d12	14.145	240	444721	20.000	ng	0.00
86) Perylene-d12	15.668	264	514187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	990973	74.800	ng	-0.02
7) Phenol-d6	6.569	99	1248306	75.867	ng	-0.02
23) Nitrobenzene-d5	7.510	82	773223	56.117	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	291656	70.142	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1033924	43.254	ng	-0.01
79) Terphenyl-d14	13.074	244	693353	32.376	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	9.857	152	89043	2.760	ng	97
71) Phenanthrene	11.510	178	50807m	2.048	ng	
72) Anthracene	11.563	178	108717	4.446	ng	97
75) Fluoranthene	12.721	202	5580637	215.140	ng	93
78) Pyrene	12.957	202	5783933	187.631	ng	# 91
81) Benzo(a)anthracene	14.139	228	2771240	102.057	ng	95
83) Chrysene	14.174	228	1972574m	78.250	ng	
87) Indeno(1,2,3-cd)pyrene	17.221	276	517870	16.421	ng	95
88) Benzo(b)fluoranthene	15.227	252	2836066m	91.713	ng	
89) Benzo(k)fluoranthene	15.251	252	1005388m	33.521	ng	
90) Benzo(a)pyrene	15.609	252	1413901	56.088	ng	98
91) Dibenzo(a,h)anthracene	17.227	278	142128	5.529	ng	95
92) Benzo(g,h,i)perylene	17.692	276	367632	14.253	ng	100

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

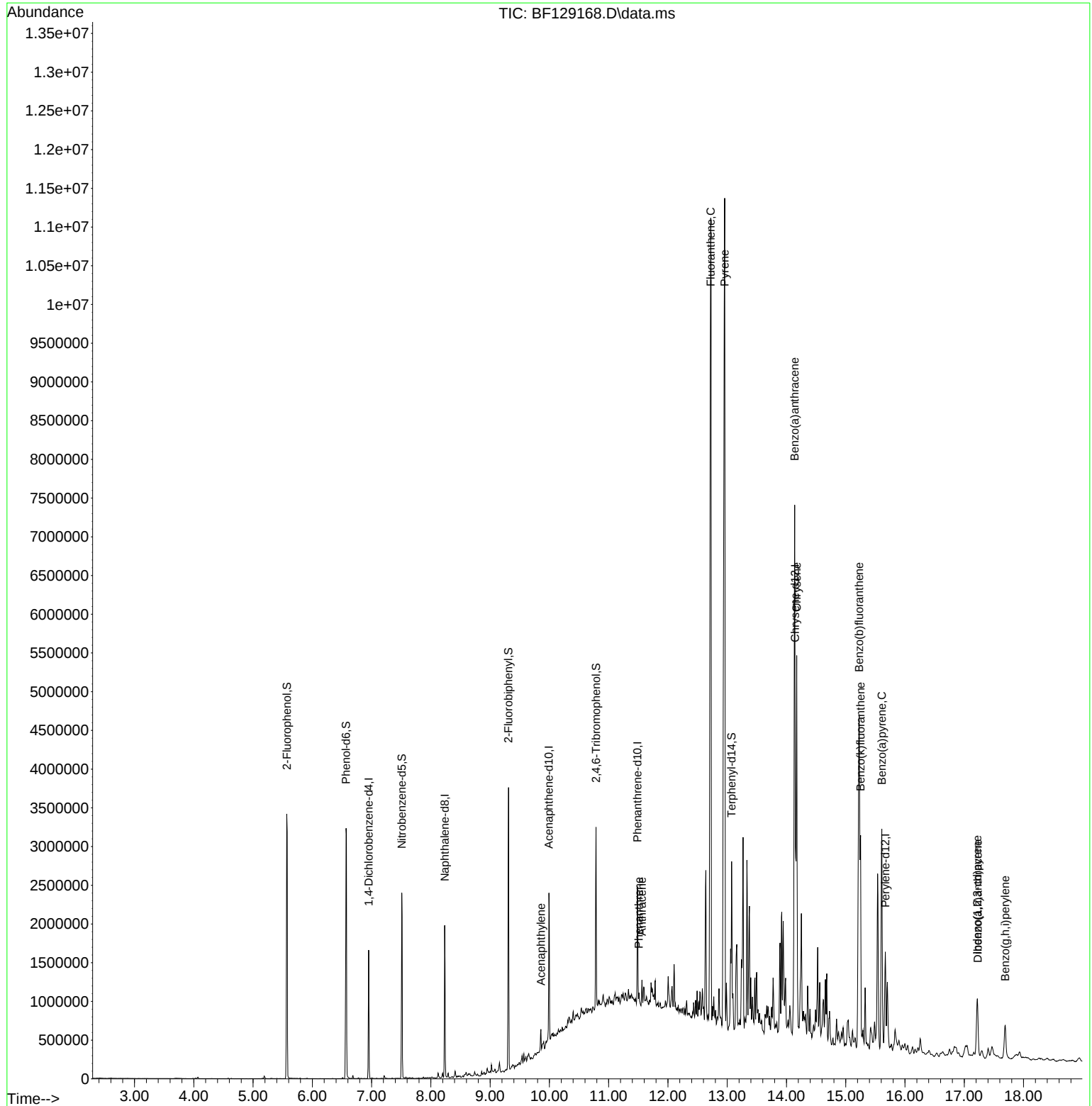
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129168.D
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Sample : N3584-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

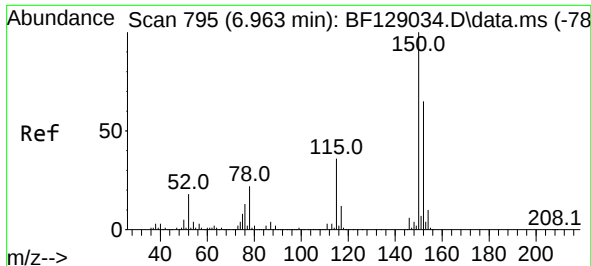
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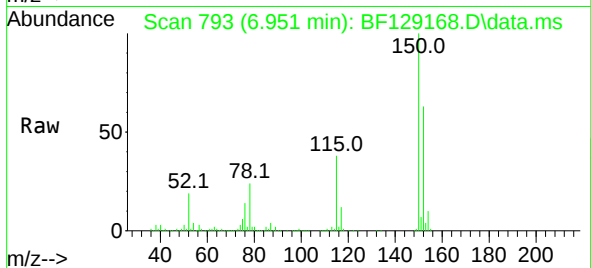
Quant Time: Jul 08 01:56:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

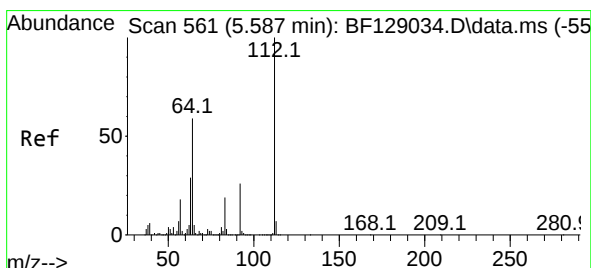
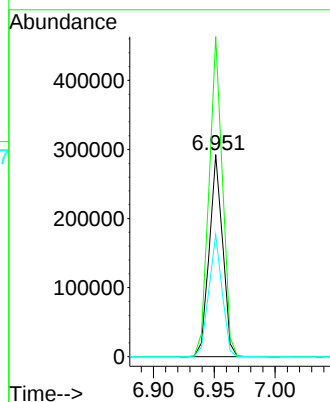
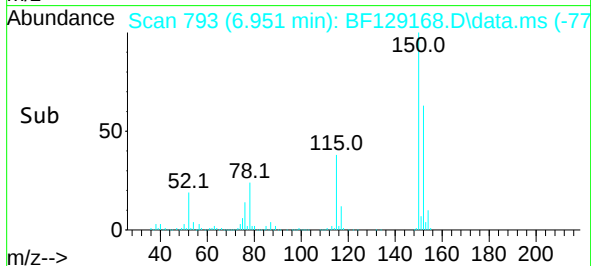
Instrument :
BNA_F
ClientSampleId :
CHRT-26572



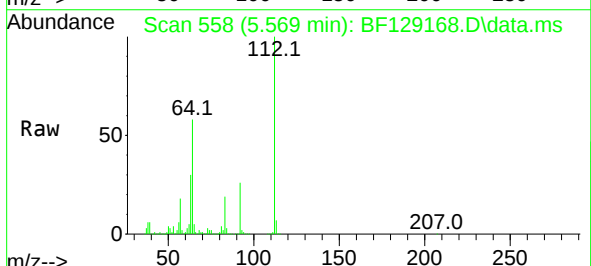
Tgt Ion:152 Resp: 223979
Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 60.5 49.9 74.9

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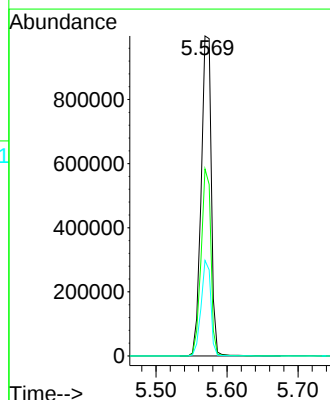
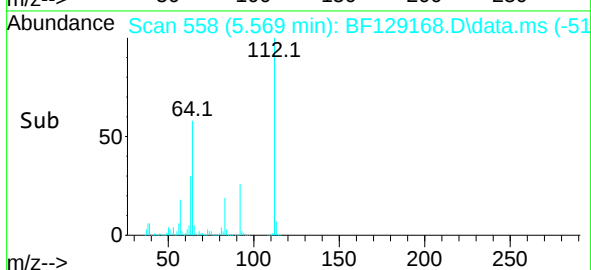
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

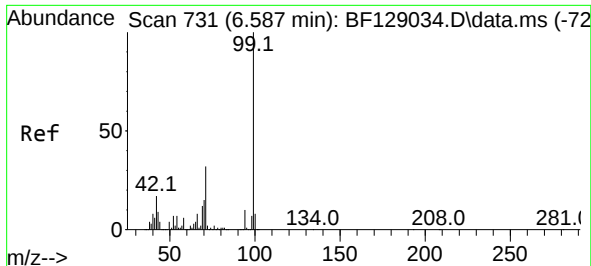


#5
2-Fluorophenol
Concen: 74.800 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.018 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03



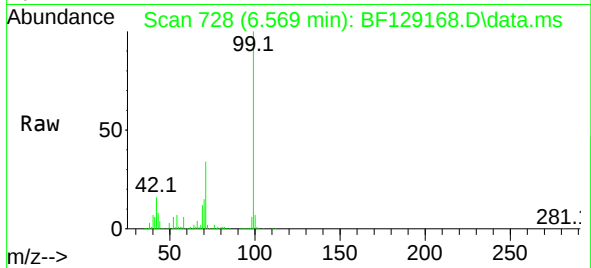
Tgt Ion:112 Resp: 990973
Ion Ratio Lower Upper
112 100
64 58.5 53.3 79.9
63 29.9 28.0 42.0





#7
Phenol-d6
Concen: 75.867 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

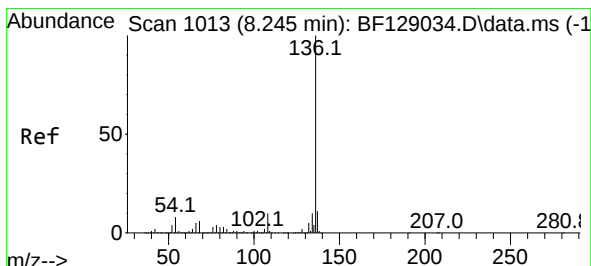
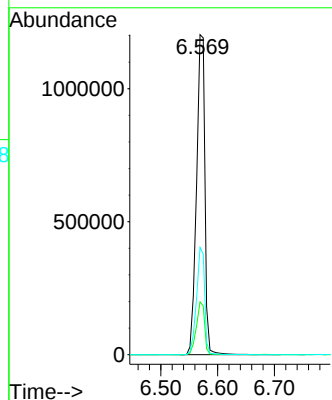
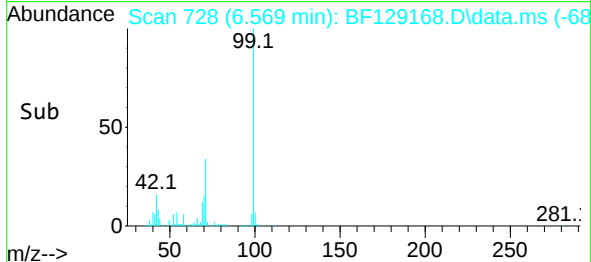
Instrument :
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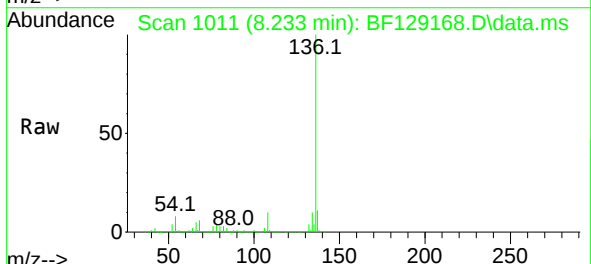
Tgt Ion: 99 Resp: 1248300
Ion Ratio Lower Upper
99 100
42 16.5 17.3 25.9
71 33.5 28.9 43.3

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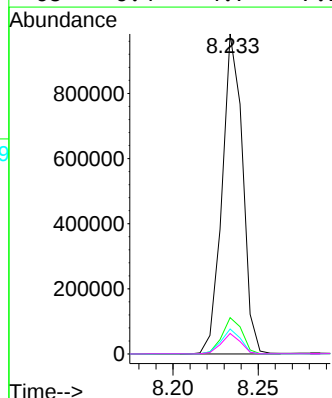
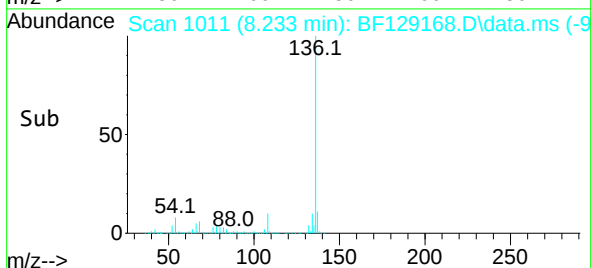
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

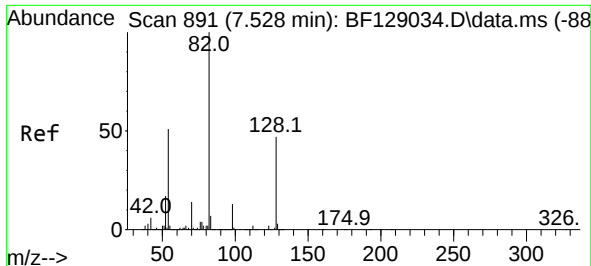


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03



Tgt Ion:136 Resp: 821849
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.8 7.5 11.3
68 6.4 4.7 7.1





#23

Nitrobenzene-d5

Concen: 56.117 ng

RT: 7.510 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF129168.D

Acq: 07 Jul 2022 20:03

Instrument :

BNA_F

ClientSampleId :

CHRT-26572

Tgt Ion: 82 Resp: 77322

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

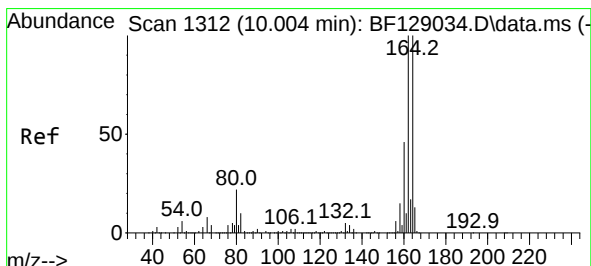
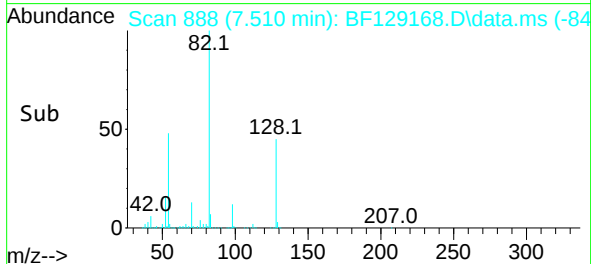
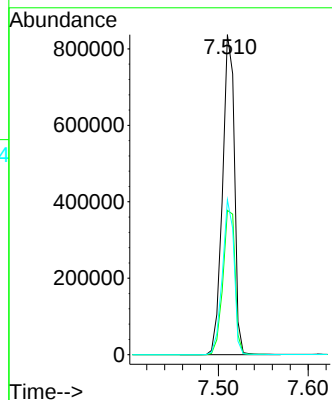
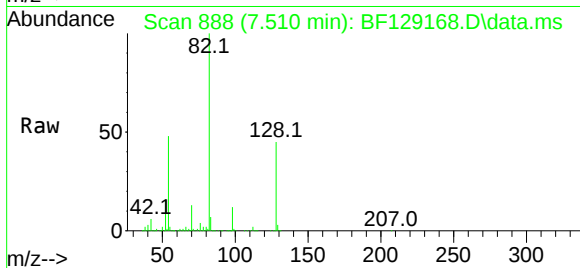
54 48.4 46.9 70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF129168.D

Acq: 07 Jul 2022 20:03

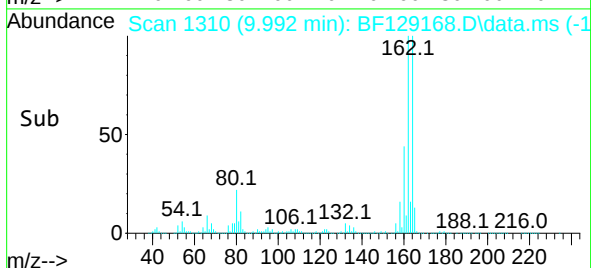
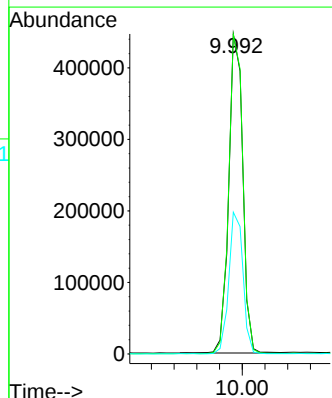
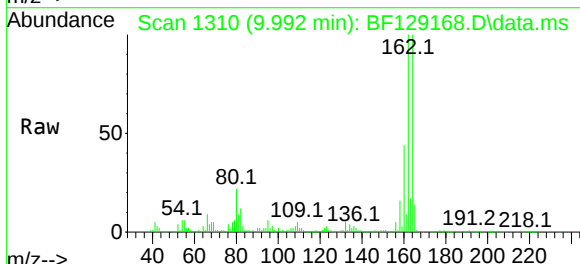
Tgt Ion:164 Resp: 382402

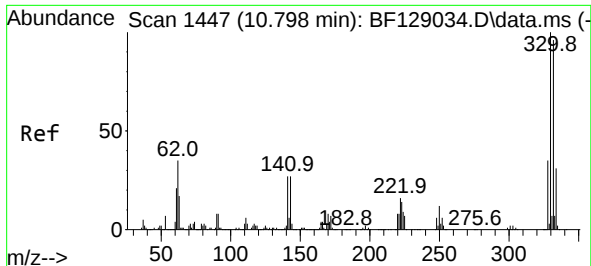
Ion Ratio Lower Upper

164 100

162 99.9 79.5 119.3

160 44.3 34.2 51.4





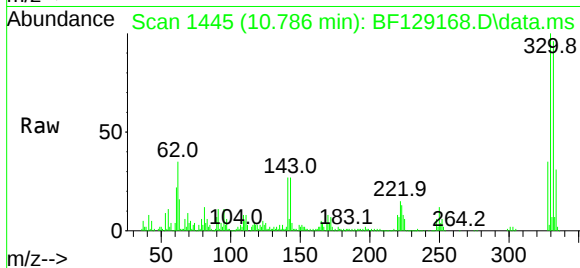
#42
2,4,6-Tribromophenol
Concen: 70.142 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

Instrument :

BNA_F

ClientSampleId :

CHRT-26572

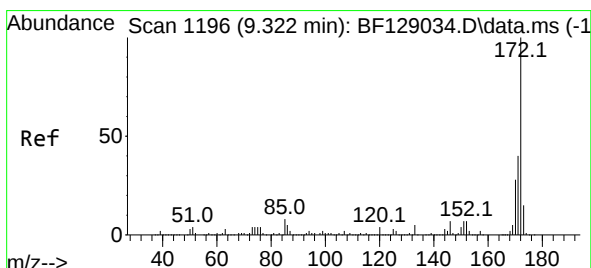
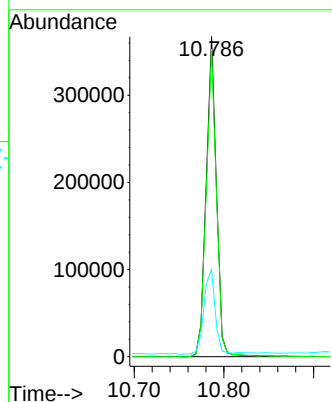
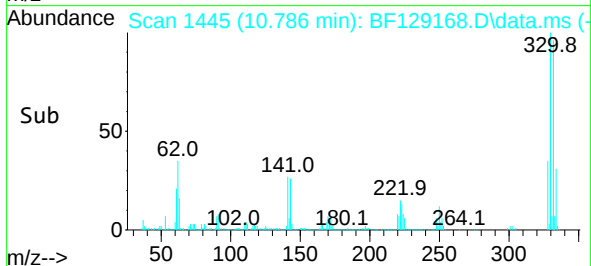


Tgt Ion:330 Resp: 291650
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 29.3 28.0 42.0

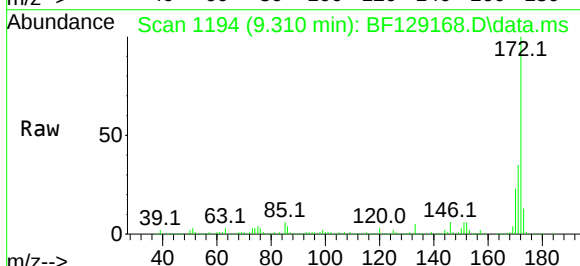
Manual Integrations

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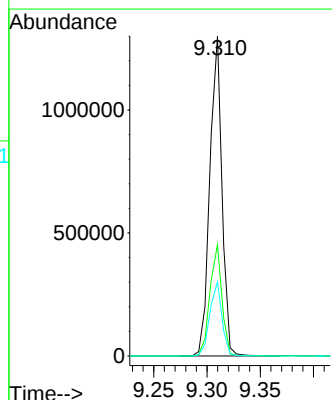
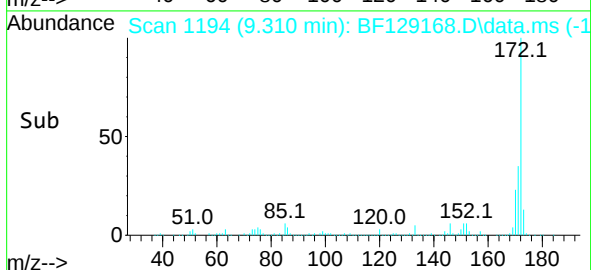
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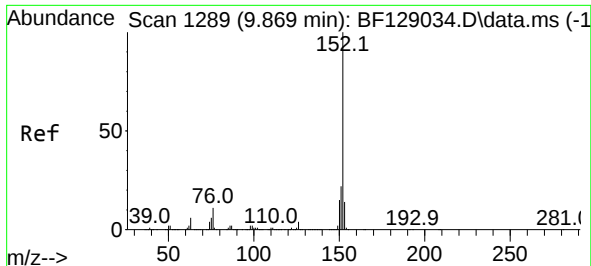


#45
2-Fluorobiphenyl
Concen: 43.254 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03



Tgt Ion:172 Resp: 1033924
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.1 19.8 29.8





#49

Acenaphthylene

Concen: 2.760 ng

RT: 9.857 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129168.D

Acq: 07 Jul 2022 20:03

Instrument :

BNA_F

ClientSampleId :

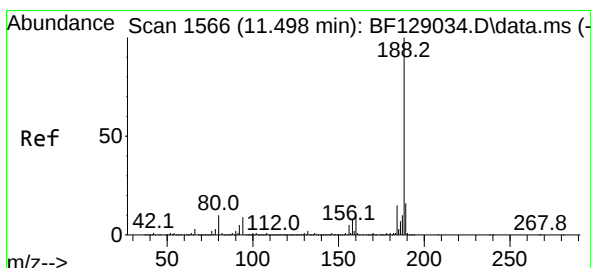
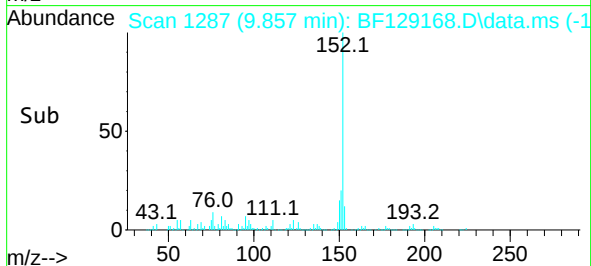
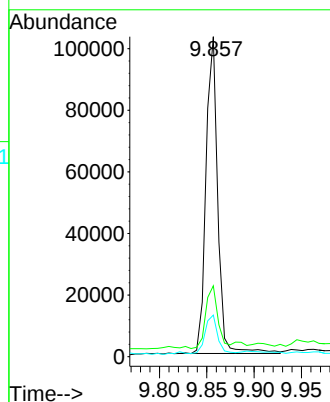
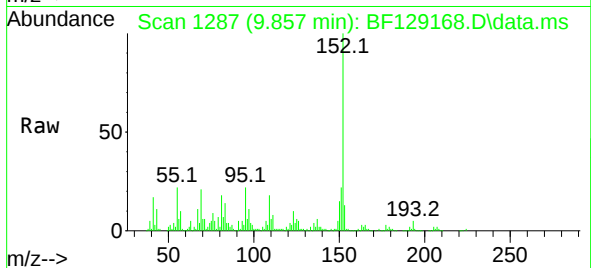
CHRT-26572

Tgt Ion:	152	Resp:	8904
Ion Ratio	Lower	Upper	
152	100		
151	22.1	16.2	24.4
153	13.0	10.7	16.1

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

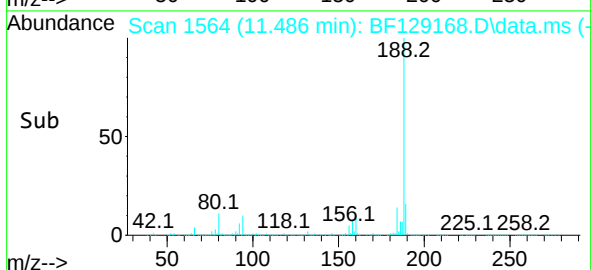
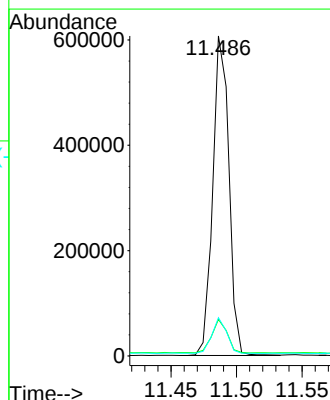
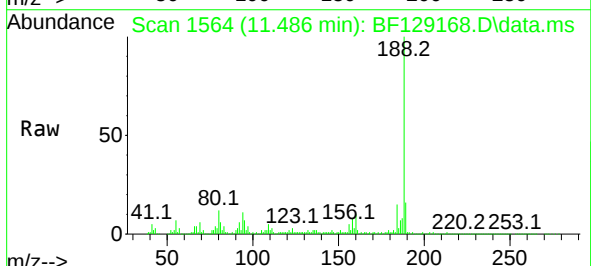
RT: 11.486 min Scan# 1564

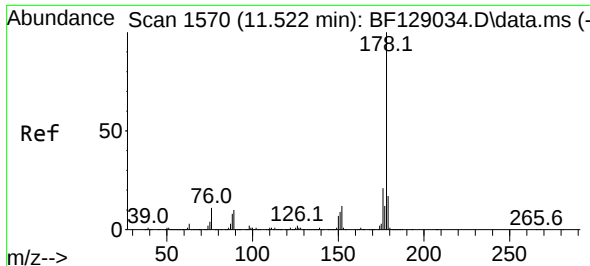
Delta R.T. -0.012 min

Lab File: BF129168.D

Acq: 07 Jul 2022 20:03

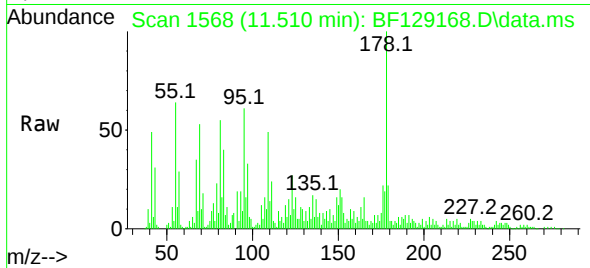
Tgt Ion:	188	Resp:	519116
Ion Ratio	Lower	Upper	
188	100		
94	11.4	7.0	10.6#
80	12.0	7.6	11.4#





#71
Phenanthrene
Concen: 2.048 ng m
RT: 11.510 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

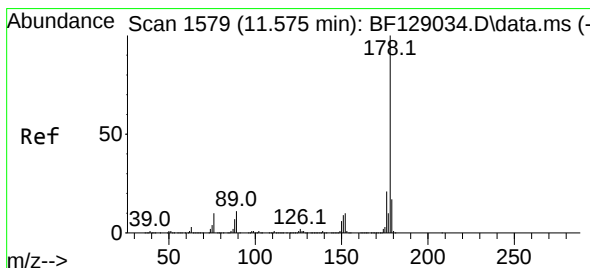
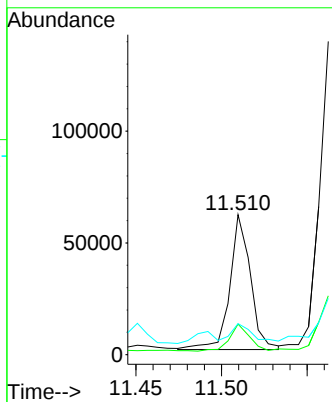
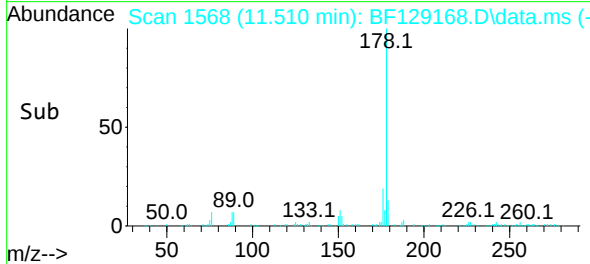
Instrument :
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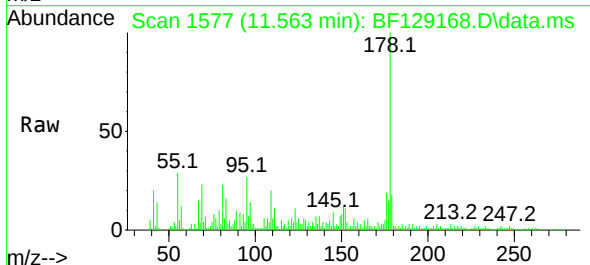
Tgt Ion:178 Resp: 50807
Ion Ratio Lower Upper
178 100
176 21.8 16.0 24.0
179 22.2 12.6 19.0

Manual Integrations
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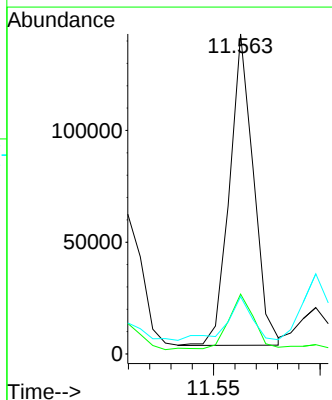
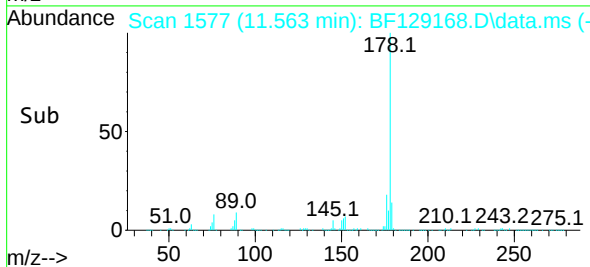
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

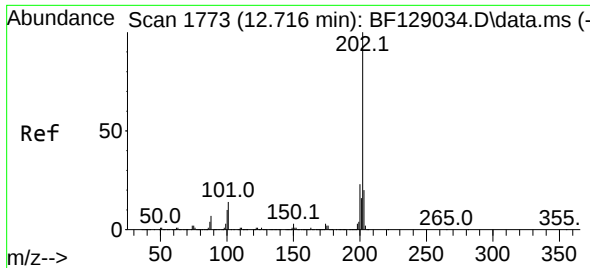


#72
Anthracene
Concen: 4.446 ng
RT: 11.563 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03



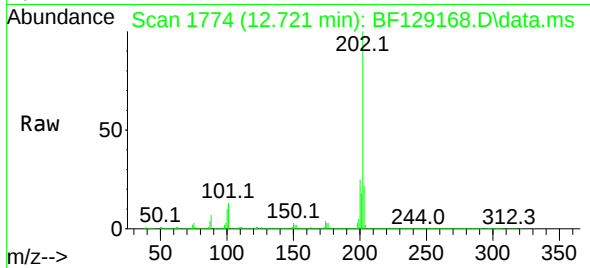
Tgt Ion:178 Resp: 108717
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 17.9 12.6 19.0





#75
Fluoranthene
Concen: 215.140 ng
RT: 12.721 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

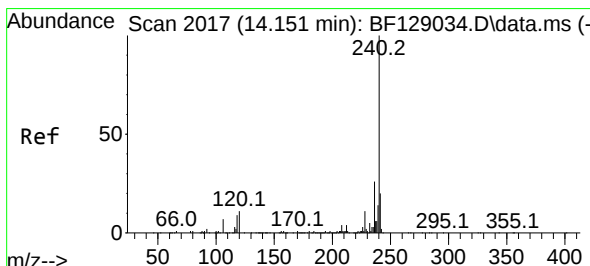
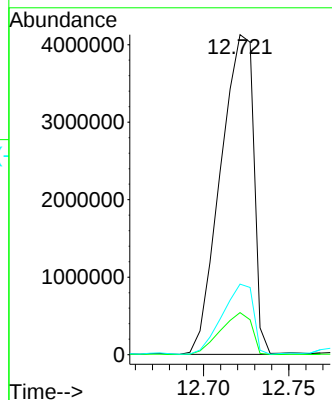
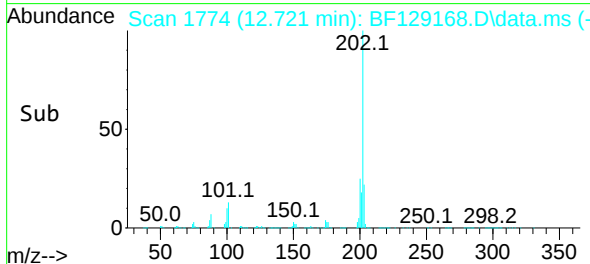
Instrument :
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Tgt Ion:202 Resp: 558063
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.4
203 22.0 0.0 38.0

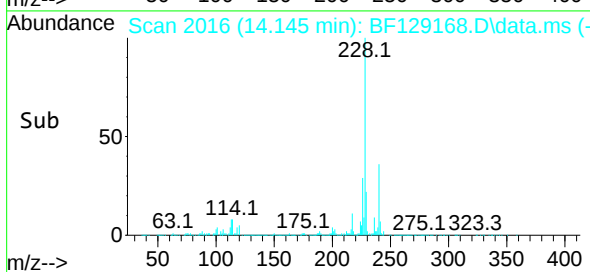
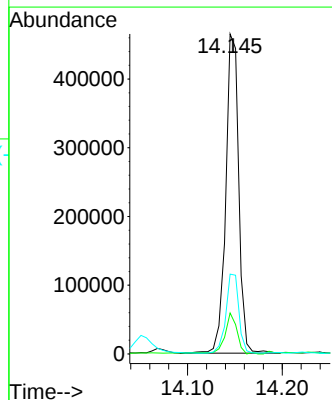
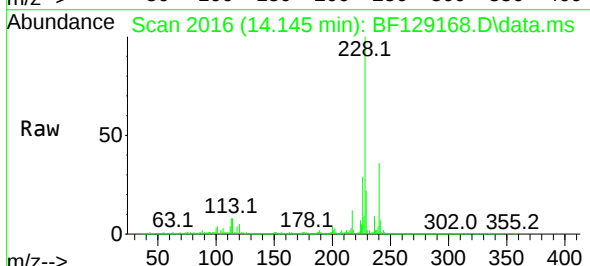
Manual Integrations
APPROVED

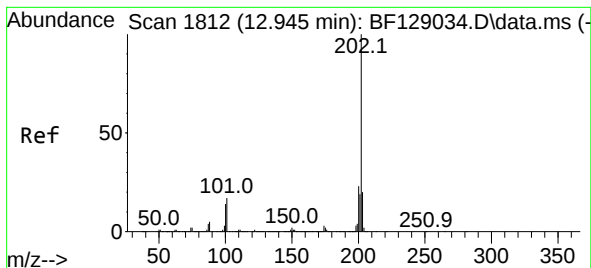
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

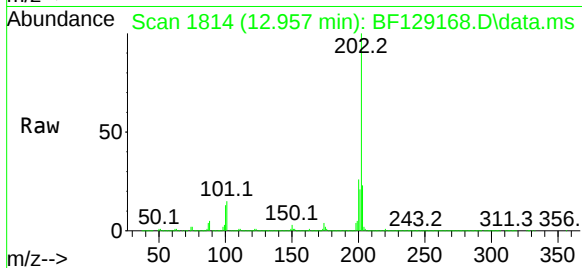
Tgt Ion:240 Resp: 444721
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 24.9 20.8 31.2





#78
Pyrene
Concen: 187.631 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.012 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

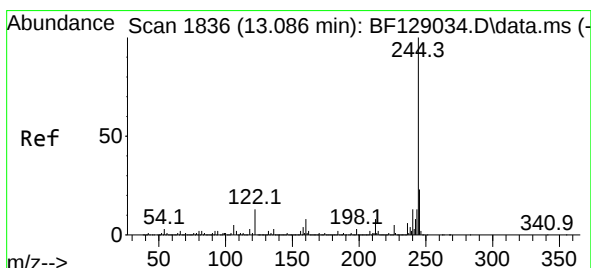
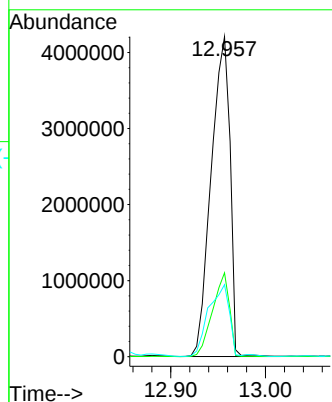
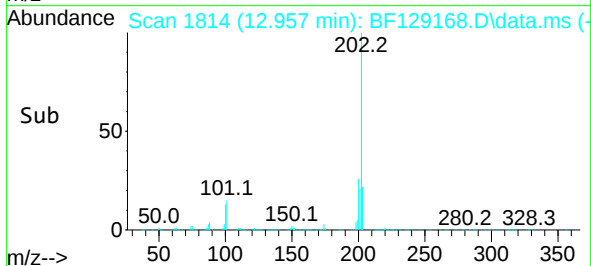
Instrument :
BNA_F
ClientSampleId :
CHRT-26572



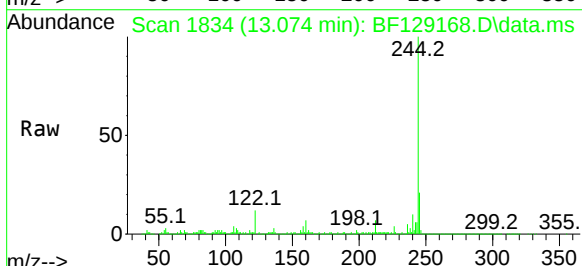
Tgt Ion:202 Resp: 578393
Ion Ratio Lower Upper
202 100
200 26.2 17.7 26.5
203 22.5 14.6 21.8

Manual Integrations
APPROVED

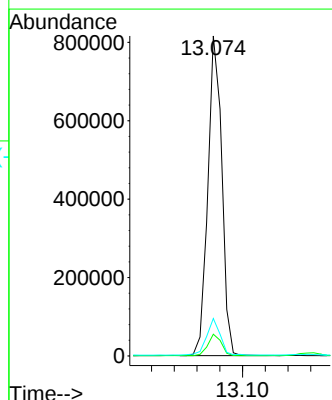
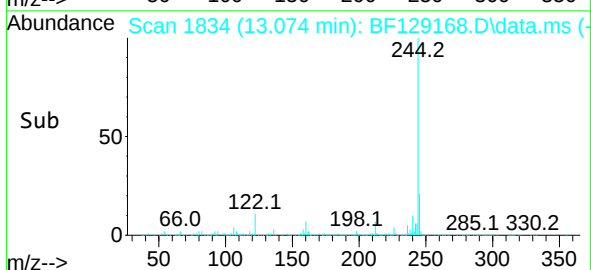
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

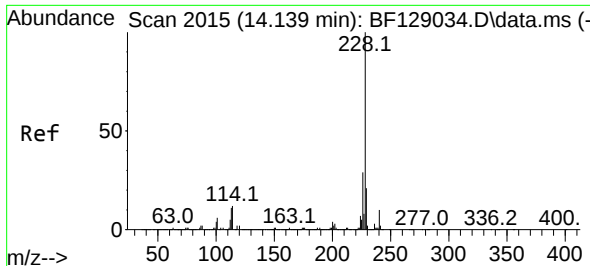


#79
Terphenyl-d14
Concen: 32.376 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03



Tgt Ion:244 Resp: 693353
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 11.7 8.8 13.2





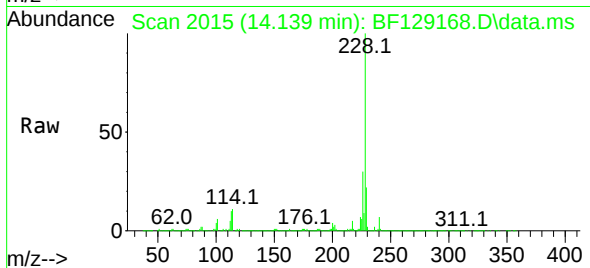
#81
Benzo(a)anthracene
Concen: 102.057 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

Instrument :

BNF_F

ClientSampleId :

CHRT-26572

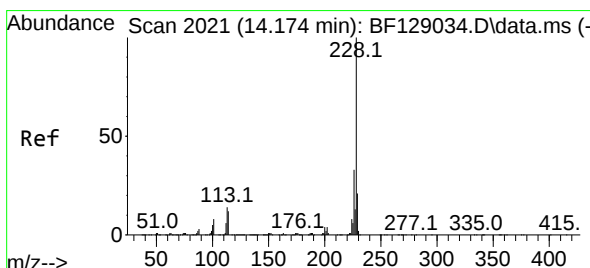
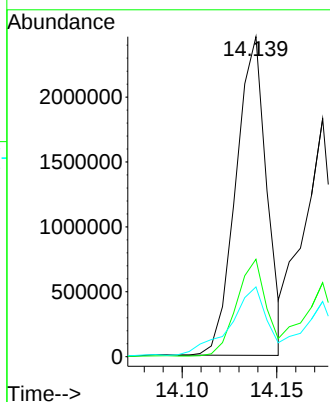
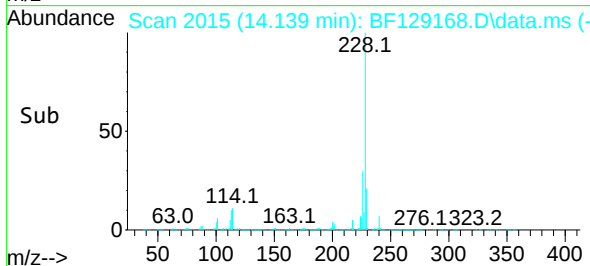


Tgt Ion:228 Resp: 2771240
Ion Ratio Lower Upper
228 100
226 30.5 22.1 33.1
229 21.8 15.8 23.8

Manual Integrations

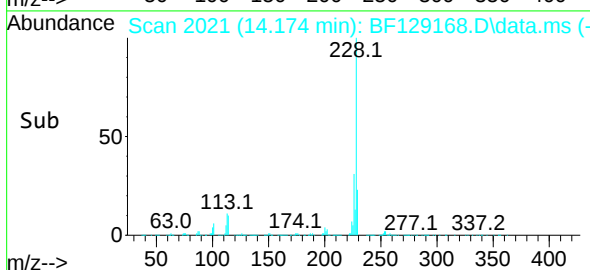
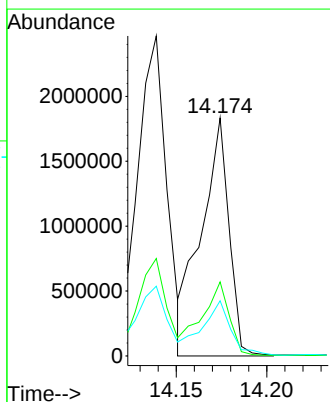
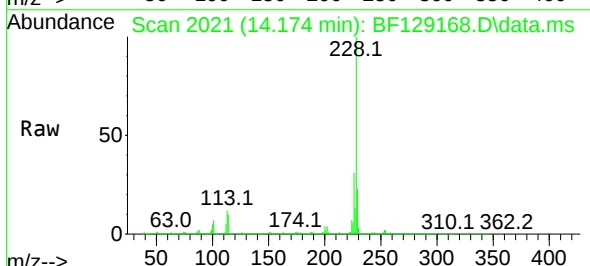
APPROVED

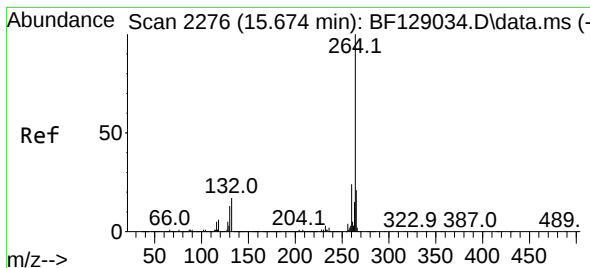
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#83
Chrysene
Concen: 78.250 ng m
RT: 14.174 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

Tgt Ion:228 Resp: 1972574
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 23.2 15.9 23.9





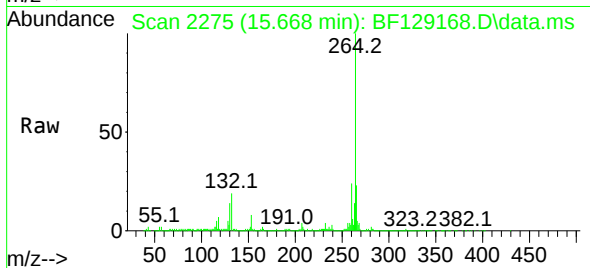
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

Instrument :

BNA_F

ClientSampleId :

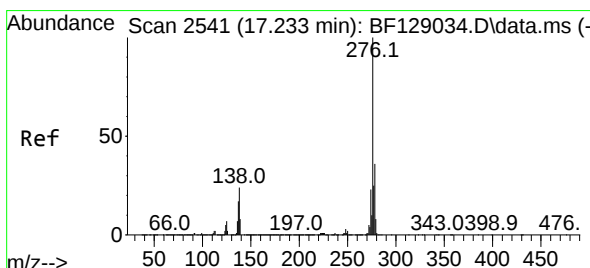
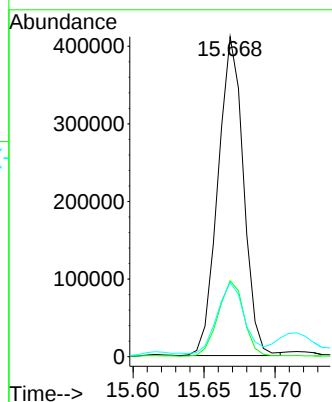
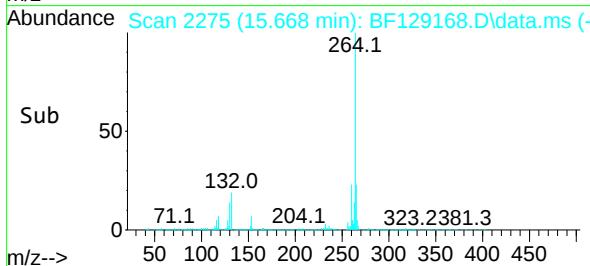
CHRT-26572



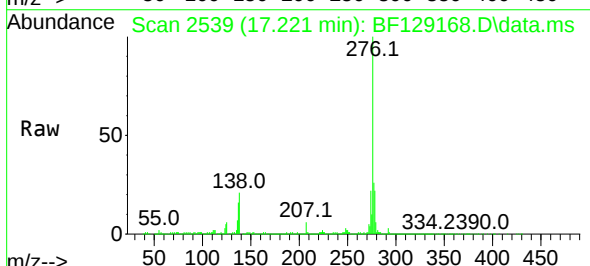
Tgt Ion:264 Resp: 51418
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 23.1 17.2 25.8

Manual Integrations
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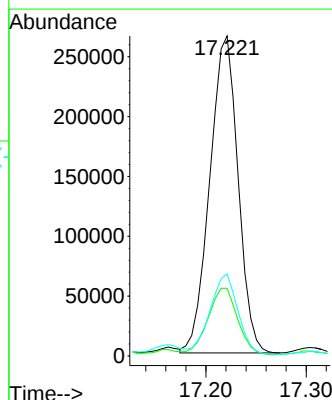
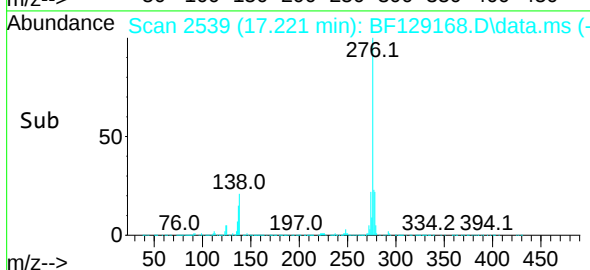
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

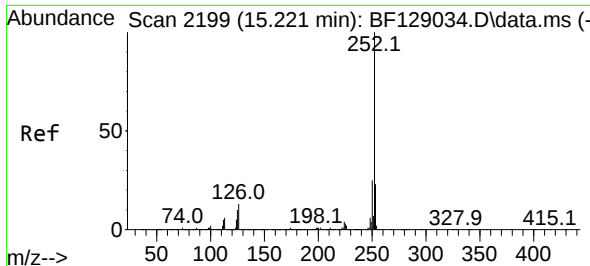


#87
Indeno(1,2,3-cd)pyrene
Concen: 16.421 ng
RT: 17.221 min Scan# 2539
Delta R.T. -0.012 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03



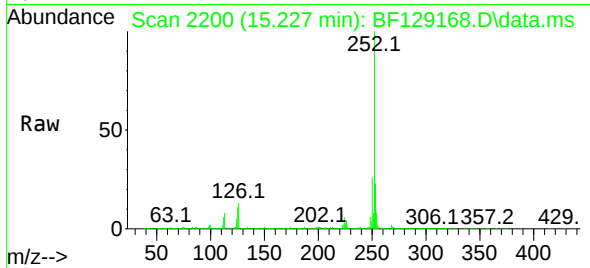
Tgt Ion:276 Resp: 517870
Ion Ratio Lower Upper
276 100
138 22.2 21.1 31.7
277 25.0 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 91.713 ng m
RT: 15.227 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

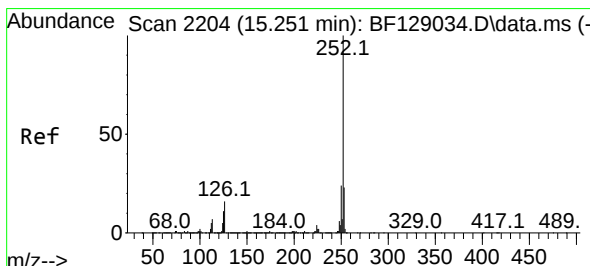
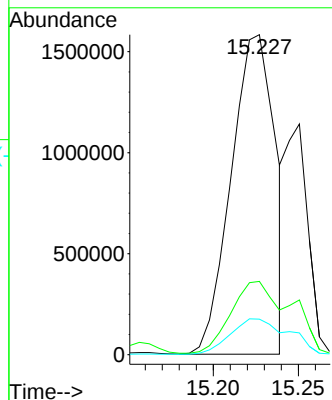
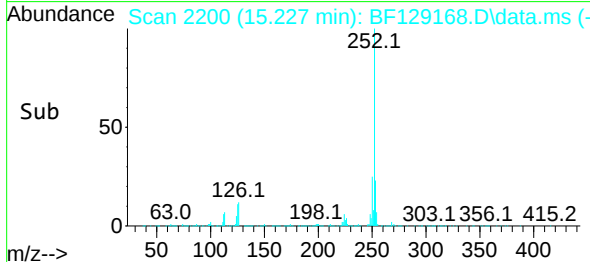
Instrument :
BNA_F
ClientSampleId :
CHRT-26572



Tgt Ion:252 Resp: 283606
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 11.1 8.0 12.0

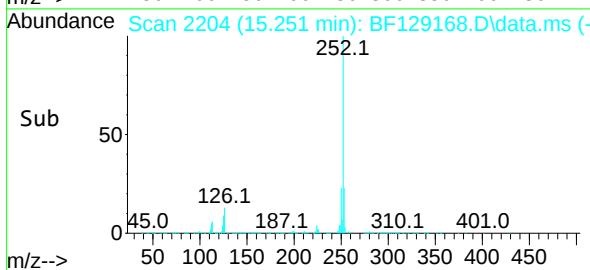
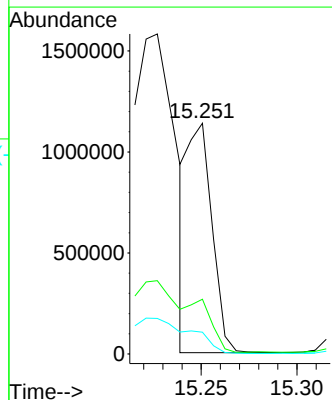
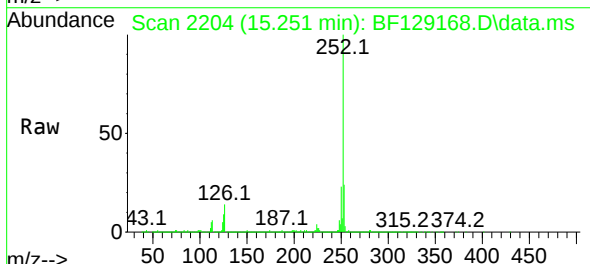
Manual Integrations
APPROVED

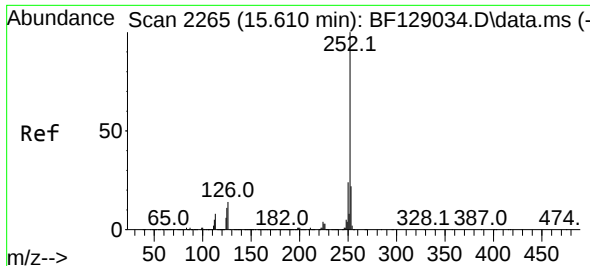
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#89
Benzo(k)fluoranthene
Concen: 33.521 ng m
RT: 15.251 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

Tgt Ion:252 Resp: 1005388
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 9.4 8.3 12.5





#90
Benzo(a)pyrene
Concen: 56.088 ng
RT: 15.609 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

Instrument :

BNA_F

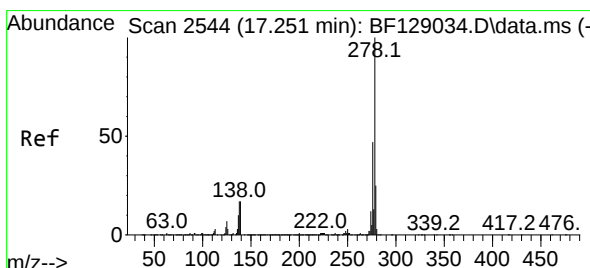
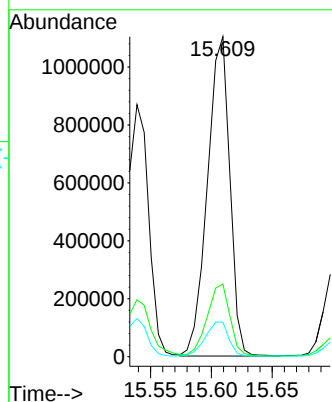
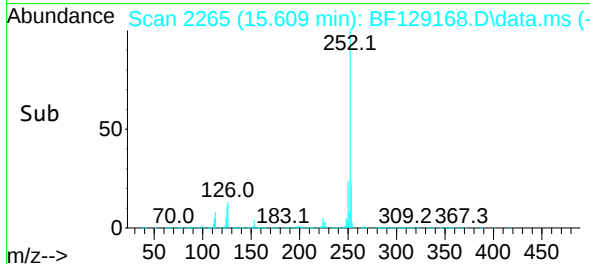
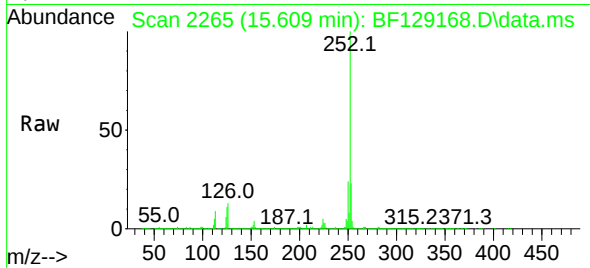
ClientSampleId :

CHRT-26572

Tgt Ion:252 Resp: 141390
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 10.8 8.8 13.2

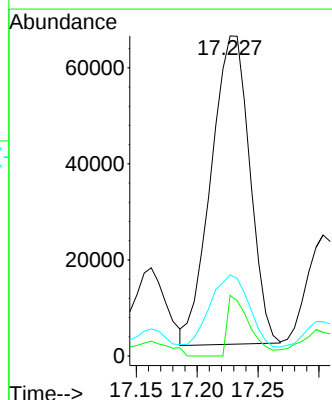
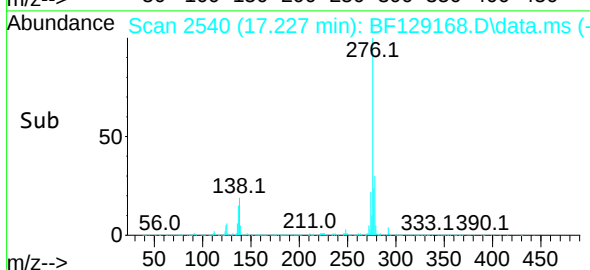
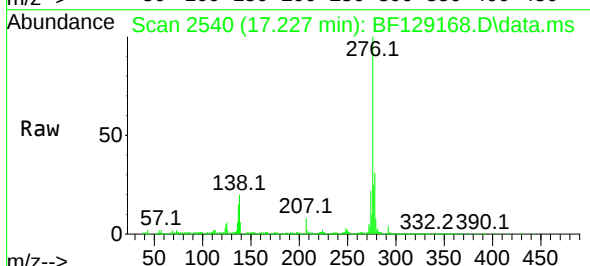
Manual Integrations
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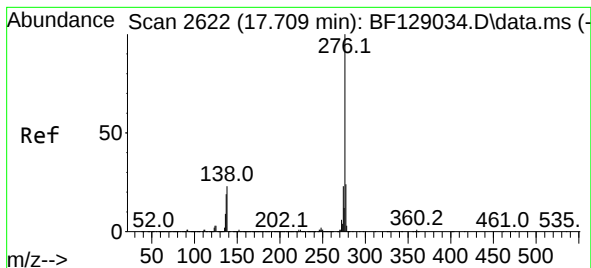
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#91
Dibenzo(a,h)anthracene
Concen: 5.529 ng
RT: 17.227 min Scan# 2540
Delta R.T. -0.024 min
Lab File: BF129168.D
Acq: 07 Jul 2022 20:03

Tgt Ion:278 Resp: 142128
Ion Ratio Lower Upper
278 100
139 18.9 12.8 19.2
279 25.3 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 14.253 ng

RT: 17.692 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF129168.D

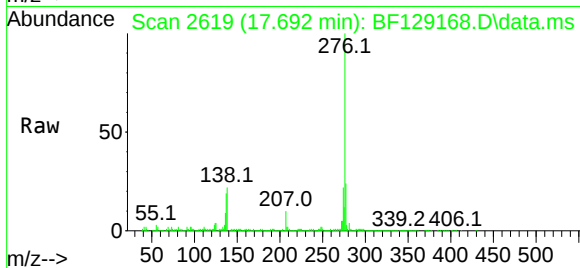
Acq: 07 Jul 2022 20:03

Instrument :

BNA_F

ClientSampleId :

CHRT-26572



Tgt Ion:276 Resp: 36763

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 22.3 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022

