

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054128.D
 Acq On : 28 Jun 2022 22:07
 Operator : CG/JU
 Sample : N3488-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-9-8.5-10.5-20220623

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/29/2022
 Supervised By : Jagrut Upadhyay 06/29/2022

Quant Time: Jun 29 02:00:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	29291	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	117490	20.000	ng	0.00
39) Acenaphthene-d10	14.701	164	81146	20.000	ng	0.00
64) Phenanthrene-d10	17.438	188	182707	20.000	ng	0.00
76) Chrysene-d12	21.722	240	184539	20.000	ng	0.00
86) Perylene-d12	24.983	264	191252	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	178748	116.674	ng	0.00
7) Phenol-d6	7.233	99	252321	121.407	ng	0.00
23) Nitrobenzene-d5	9.230	82	167210	79.978	ng	0.00
42) 2,4,6-Tribromophenol	16.181	330	91548	70.219	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	433903	77.755	ng	0.00
79) Terphenyl-d14	20.047	244	690210	75.330	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.928	128	32424	5.467	ng	99
71) Phenanthrene	17.485	178	136377	14.528	ng	98
72) Anthracene	17.574	178	29688m	3.239	ng	
75) Fluoranthene	19.495	202	238342	19.342	ng	97
78) Pyrene	19.853	202	225275	20.212	ng	97
80) Butylbenzylphthalate	20.735	149	100109	28.022	ng	91
81) Benzo(a)anthracene	21.698	228	150110	12.563	ng	97
83) Chrysene	21.763	228	131620	11.556	ng	96
84) Bis(2-ethylhexyl)phtha...	21.598	149	10747	2.103	ng	# 87
87) Indeno(1,2,3-cd)pyrene	28.708	276	66484	4.606	ng	98
88) Benzo(b)fluoranthene	23.948	252	165621	14.243	ng	# 98
89) Benzo(k)fluoranthene	24.007	252	60512m	5.256	ng	
90) Benzo(a)pyrene	24.824	252	113522	11.570	ng	# 95
92) Benzo(g,h,i)perylene	29.865	276	60199	5.111	ng	# 91

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

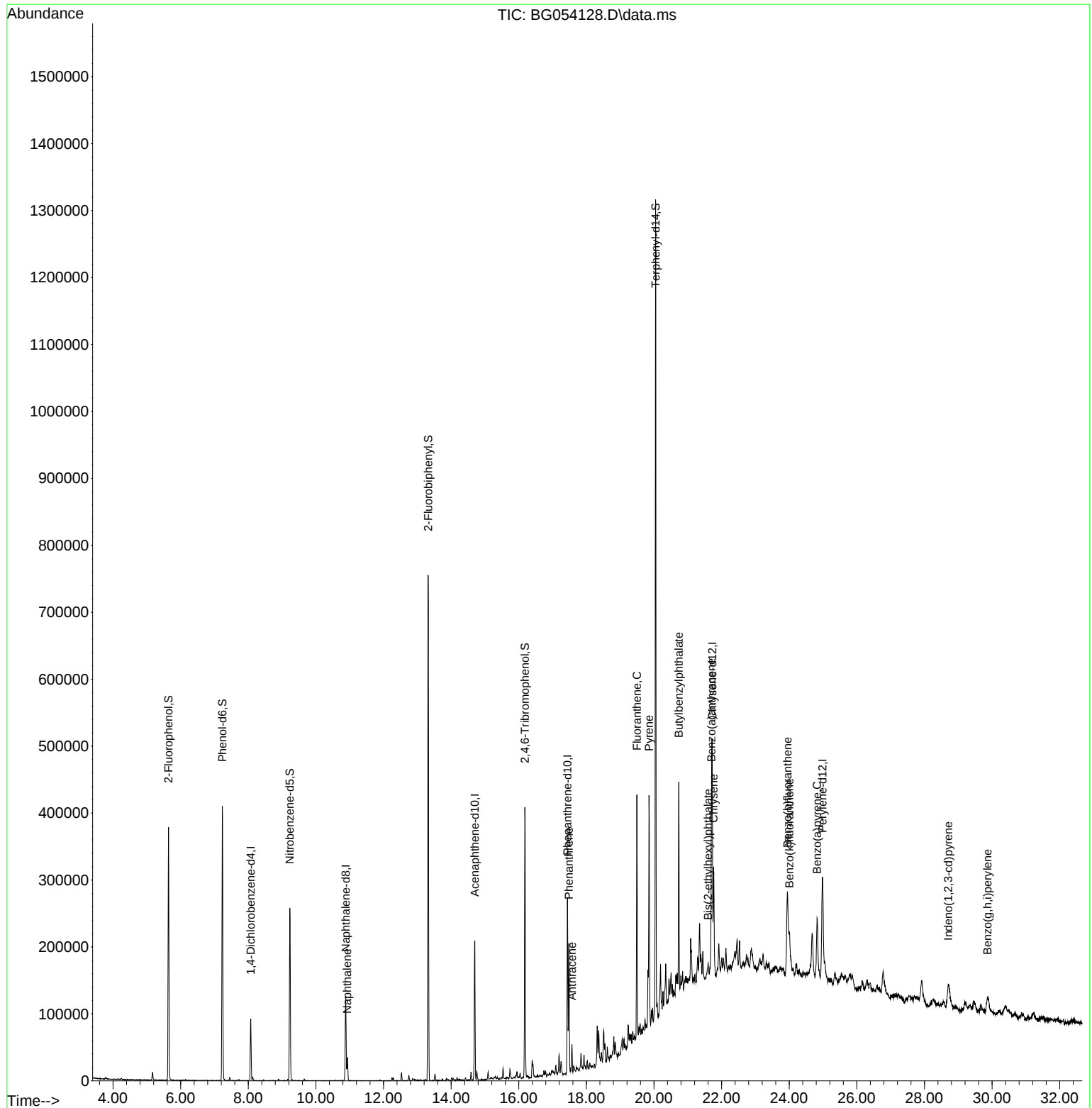
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
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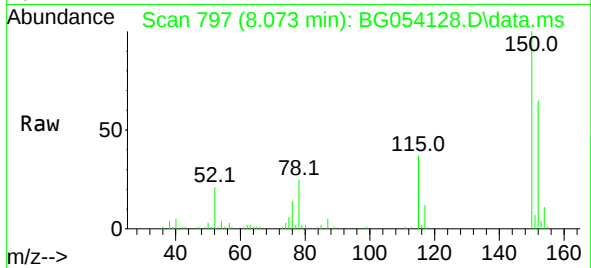
Reviewed By : Christian Giraldo 06/29/2022
Supervised By : Jagrut Upadhyay 06/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.073 min Scan# 79
Delta R.T. 0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

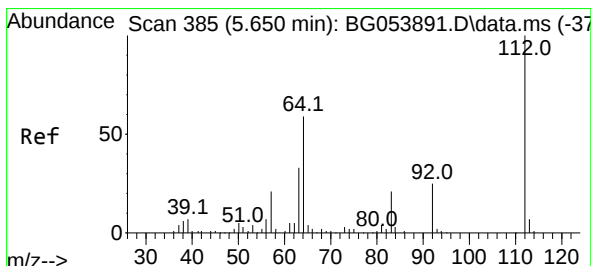
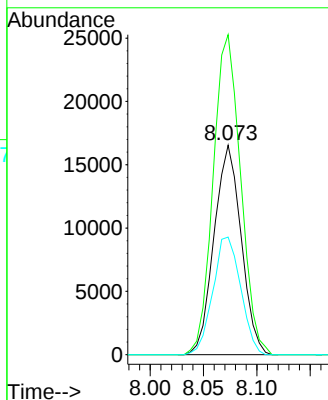
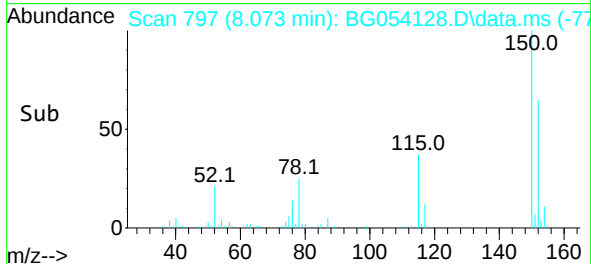
Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623



Tgt Ion:152 Resp: 2929
Ion Ratio Lower Upper
152 100
150 152.8 131.6 197.4
115 56.1 50.9 76.3

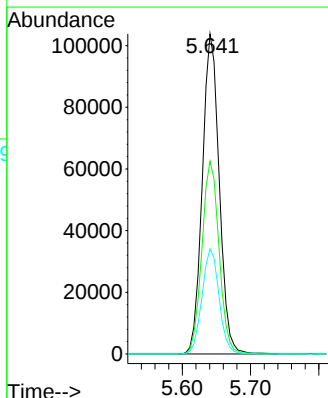
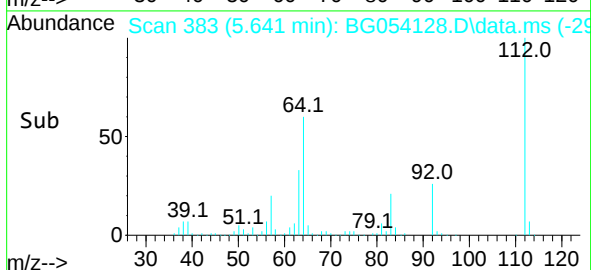
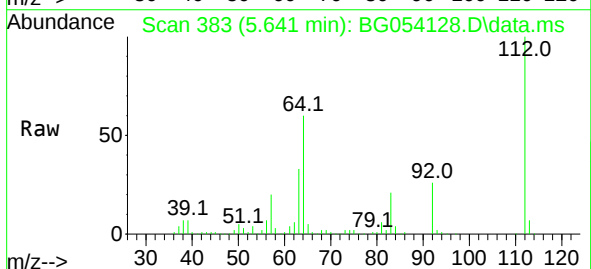
Manual Integrations
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#5
2-Fluorophenol
Concen: 116.674 ng
RT: 5.641 min Scan# 383
Delta R.T. 0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

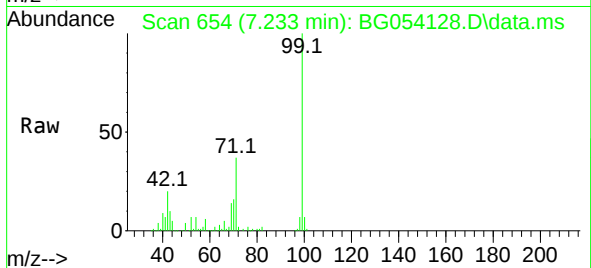
Tgt Ion:112 Resp: 178748
Ion Ratio Lower Upper
112 100
64 60.2 55.1 82.7
63 32.9 30.4 45.6





#7
Phenol-d6
Concen: 121.407 ng
RT: 7.233 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

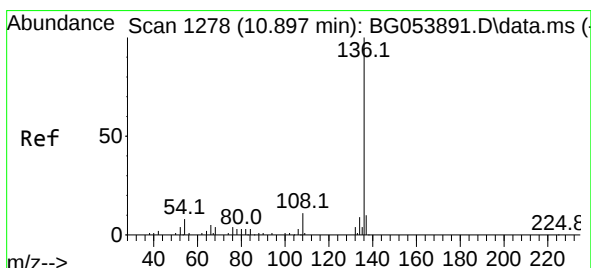
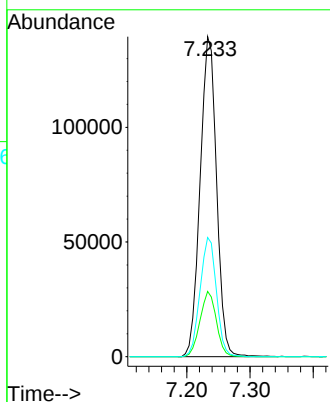
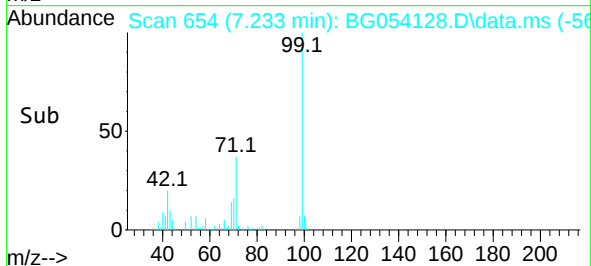
Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623



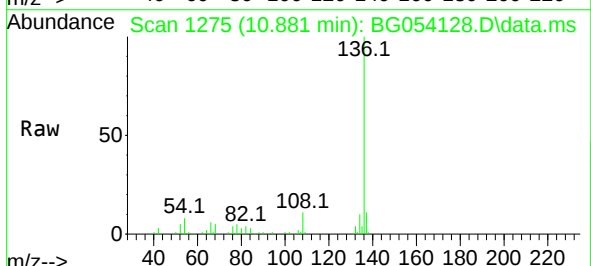
Tgt Ion: 99 Resp: 25232
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 37.3 33.8 50.8

Manual Integrations
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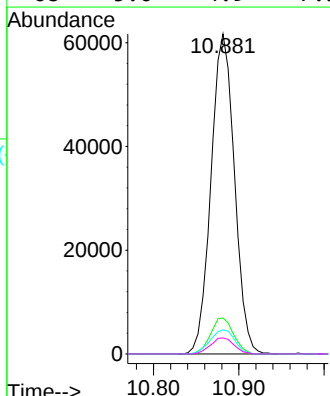
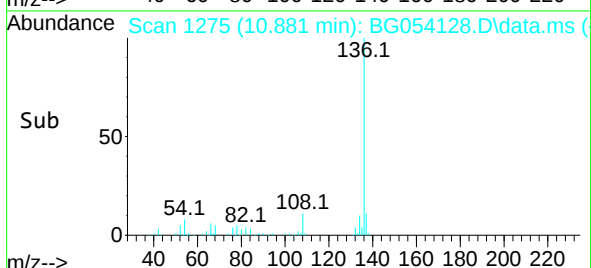
Reviewed By :Christian Giraldo 06/29/2022
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 1275
Delta R.T. 0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07



Tgt Ion:136 Resp: 117490
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.6 7.4 11.2
68 5.0 4.9 7.3





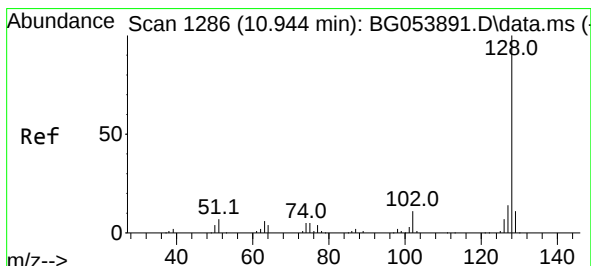
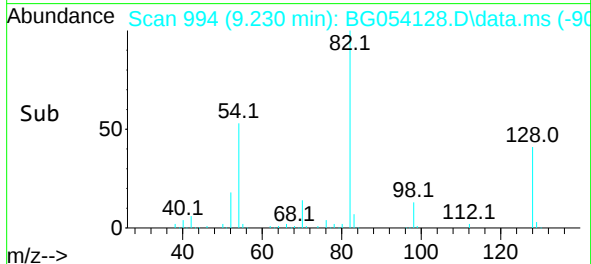
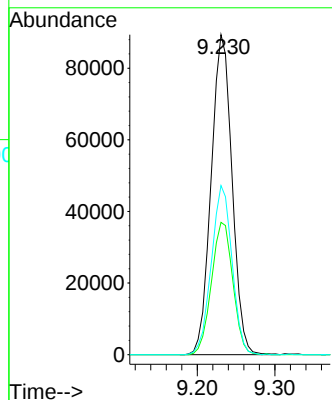
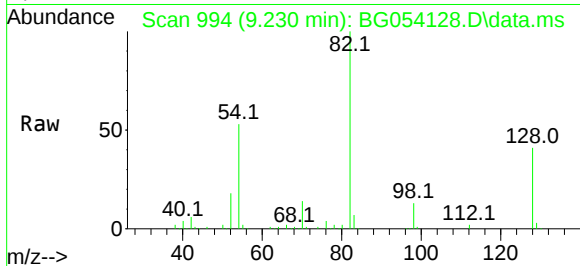
#23
Nitrobenzene-d5
Concen: 79.978 ng
RT: 9.230 min Scan# 997
Delta R.T. -0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

Tgt Ion: 82 Resp: 167210
Ion Ratio Lower Upper
82 100
128 41.4 27.9 41.9
54 52.8 41.2 61.8

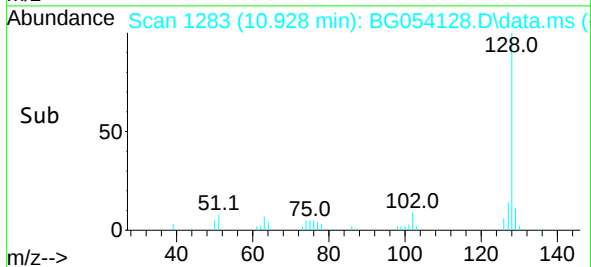
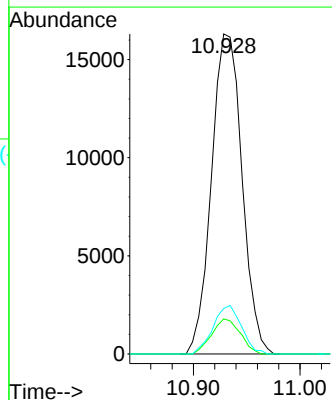
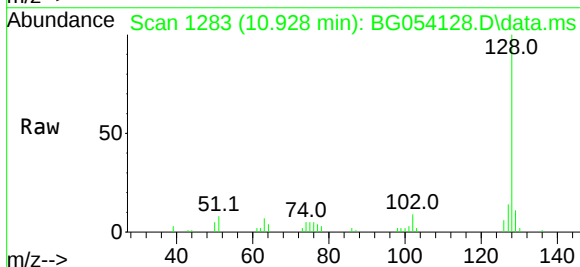
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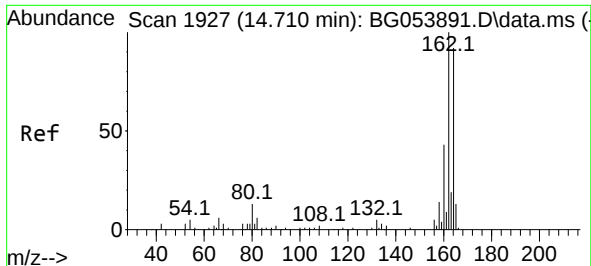
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#31
Naphthalene
Concen: 5.467 ng
RT: 10.928 min Scan# 1283
Delta R.T. -0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

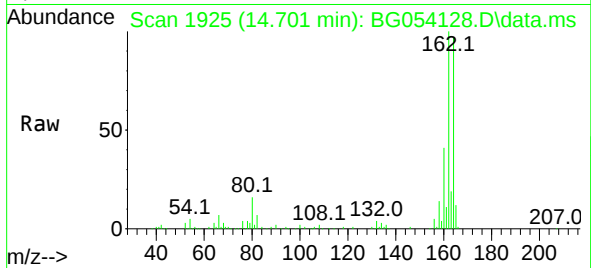
Tgt Ion:128 Resp: 32424
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 14.2 11.1 16.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1927
Delta R.T. 0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

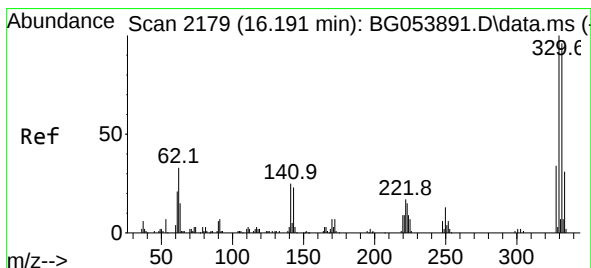
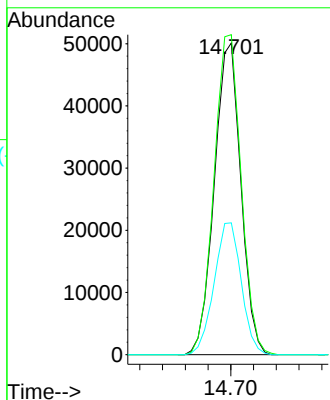
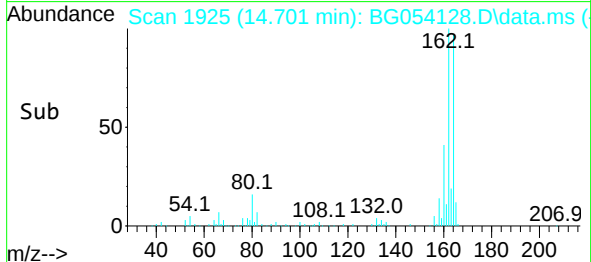
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SB-9-8.5-10.5-20220623



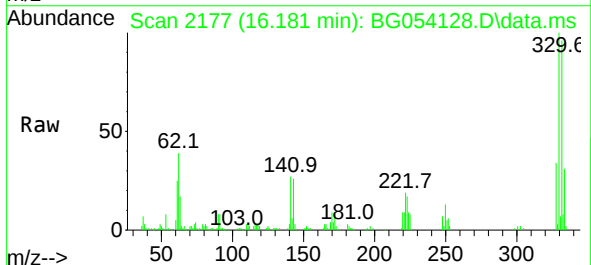
Tgt Ion:164 Resp: 81140
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 42.3 34.2 51.2

Manual Integrations
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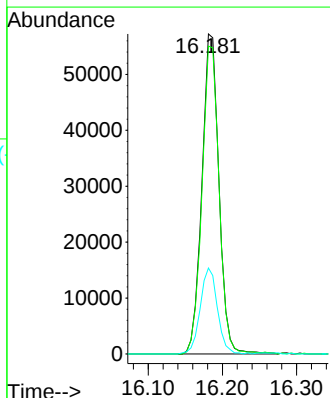
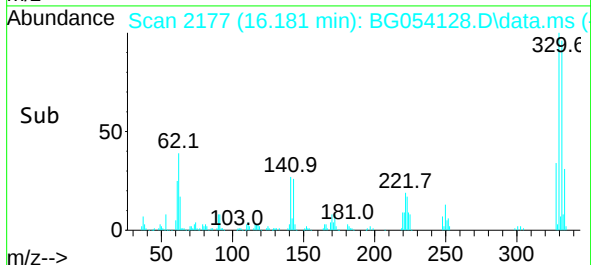
Reviewed By :Christian Giraldo 06/29/2022
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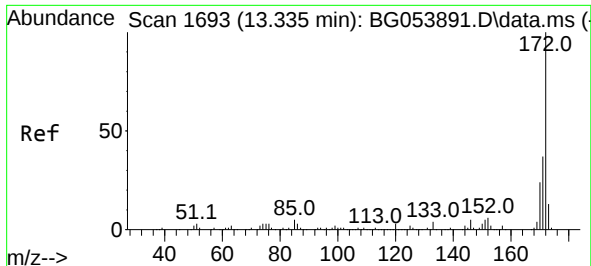


#42
2,4,6-Tribromophenol
Concen: 70.219 ng
RT: 16.181 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07



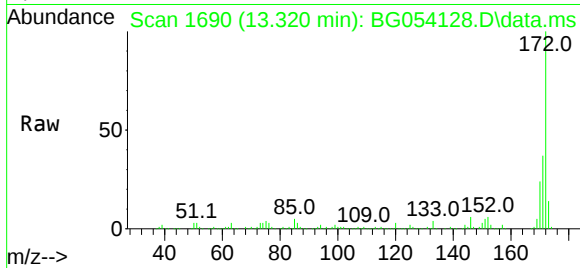
Tgt Ion:330 Resp: 91548
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 27.0 27.1 40.7#





#45
2-Fluorobiphenyl
Concen: 77.755 ng
RT: 13.320 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

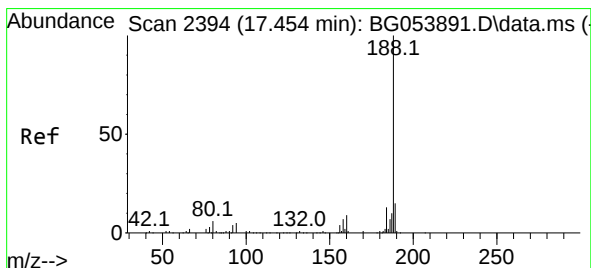
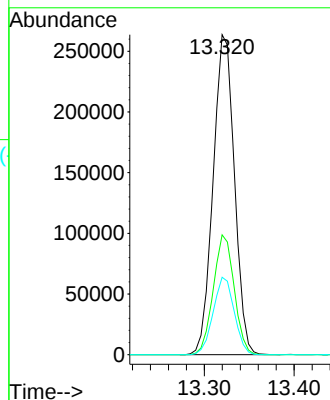
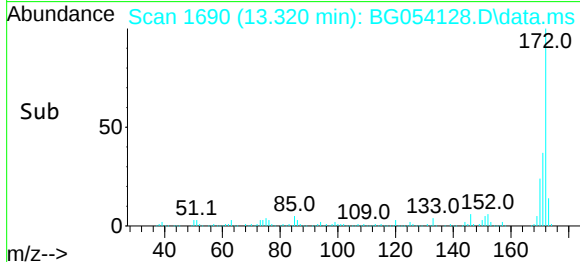
Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623



Tgt Ion:172 Resp: 43390
Ion Ratio Lower Upper
172 100
171 37.5 28.5 42.7
170 24.2 18.9 28.3

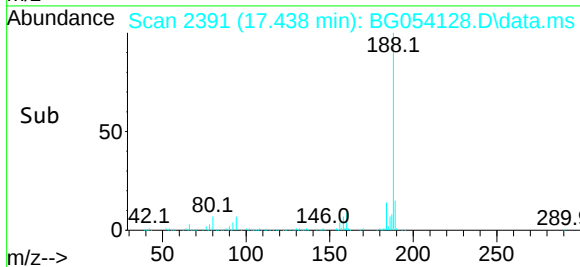
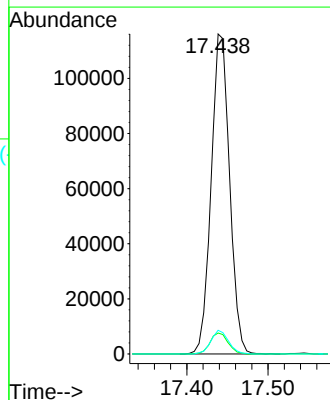
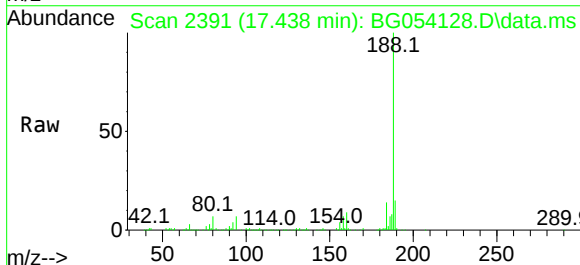
Manual Integrations
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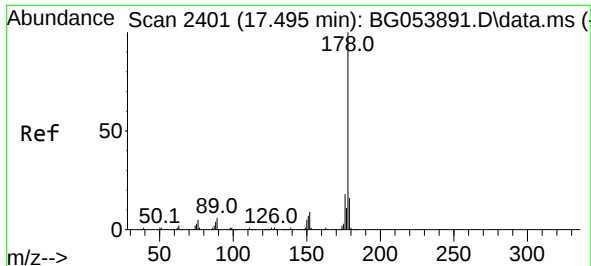
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.438 min Scan# 2391
Delta R.T. -0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

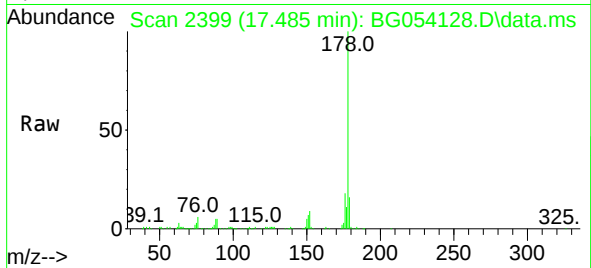
Tgt Ion:188 Resp: 182707
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 7.4 6.8 10.2





#71
Phenanthrene
Concen: 14.528 ng
RT: 17.485 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

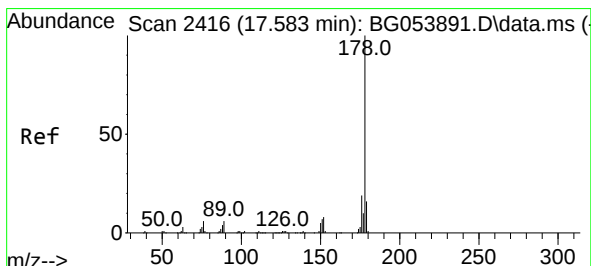
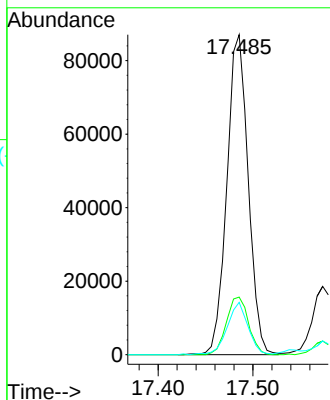
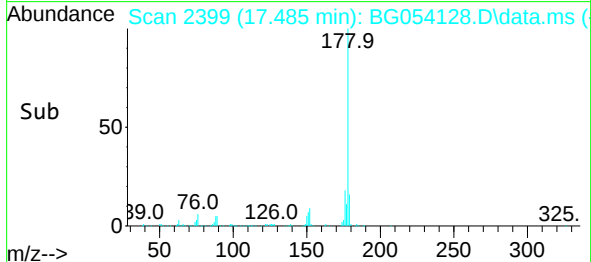
Instrument :
BNA_G
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SB-9-8.5-10.5-20220623



Tgt Ion:178 Resp: 13637
Ion Ratio Lower Upper
178 100
176 18.0 14.1 21.1
179 16.3 12.1 18.1

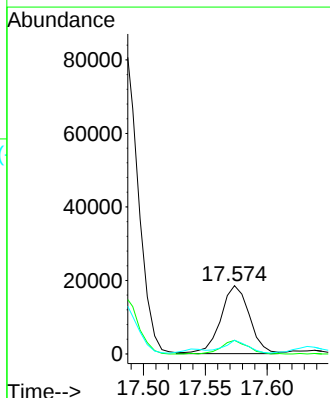
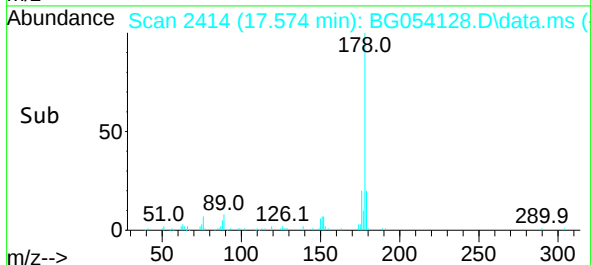
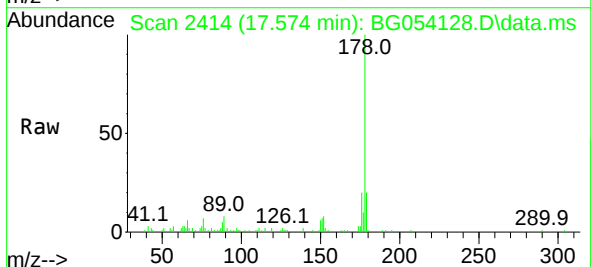
Manual Integrations
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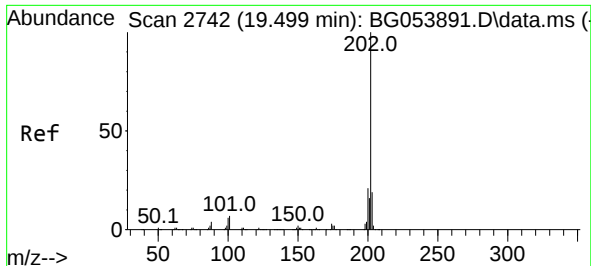
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#72
Anthracene
Concen: 3.239 ng m
RT: 17.574 min Scan# 2414
Delta R.T. -0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

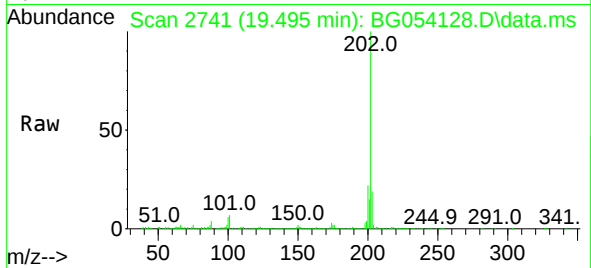
Tgt Ion:178 Resp: 29688
Ion Ratio Lower Upper
178 100
176 19.9 15.2 22.8
179 20.0 13.0 19.4#





#75
Fluoranthene
Concen: 19.342 ng
RT: 19.495 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

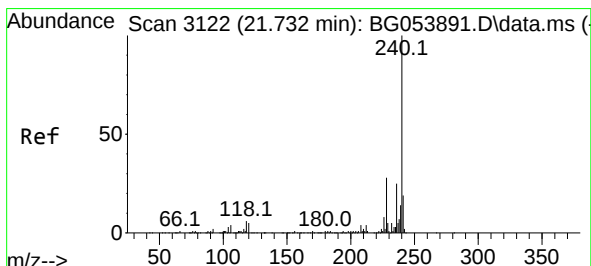
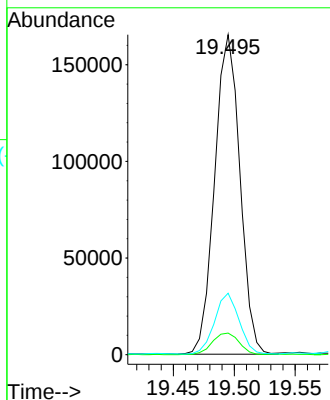
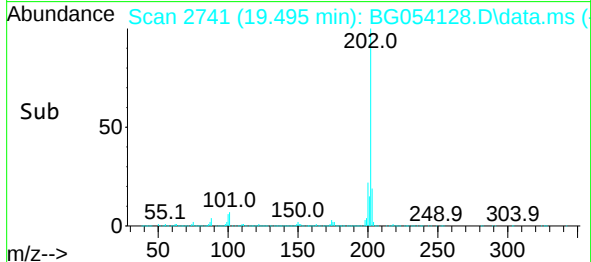
Instrument :
BNA_G
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SB-9-8.5-10.5-20220623



Tgt Ion:202 Resp: 23834
Ion Ratio Lower Upper
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101 6.8 0.0 26.9
203 19.2 0.0 37.2

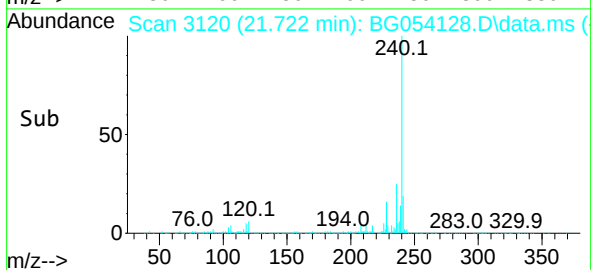
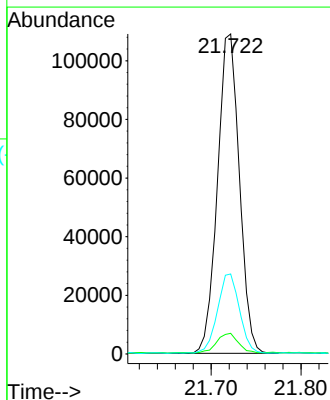
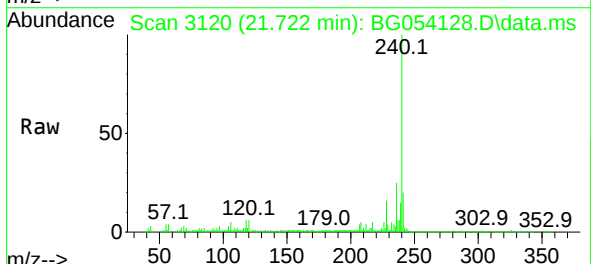
Manual Integrations
APPROVED

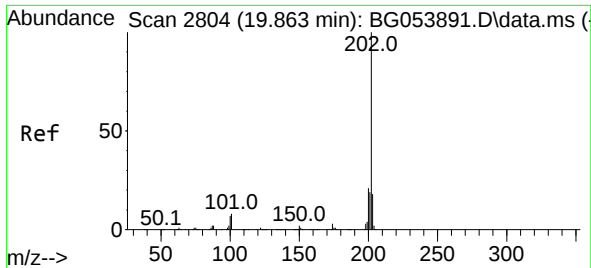
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3120
Delta R.T. 0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

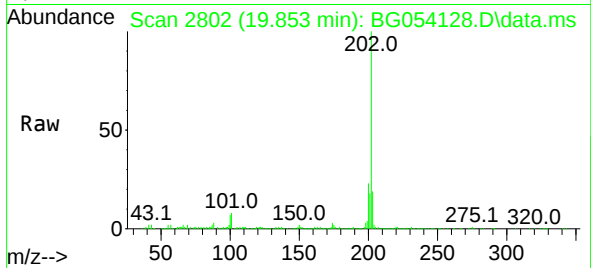
Tgt Ion:240 Resp: 184539
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 25.0 20.2 30.4





#78
 Pyrene
 Concen: 20.212 ng
 RT: 19.853 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054128.D
 Acq: 28 Jun 2022 22:07

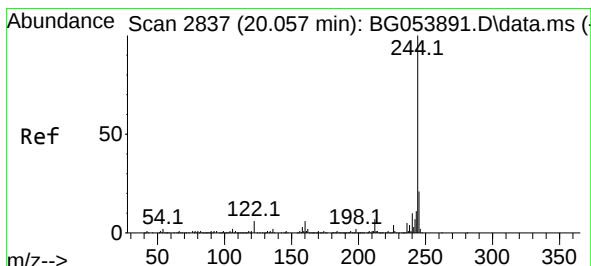
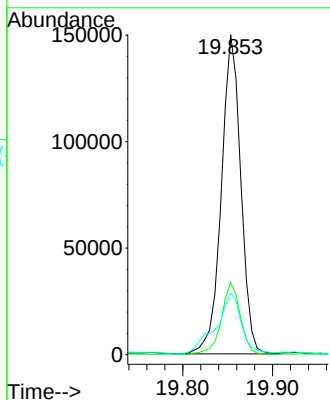
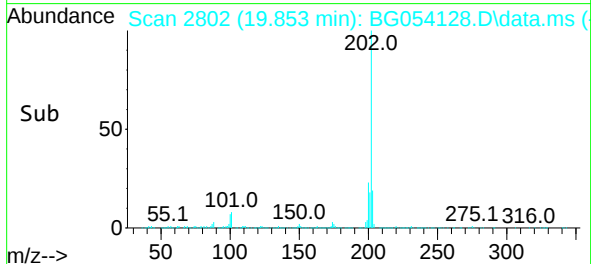
Instrument :
 BNA_G
 ClientSampleId :
 SB-9-8.5-10.5-20220623



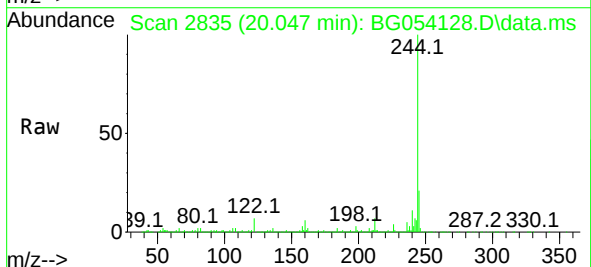
Tgt Ion:202 Resp: 225279
 Ion Ratio Lower Upper
 202 100
 200 22.5 16.6 24.8
 203 19.2 14.6 21.8

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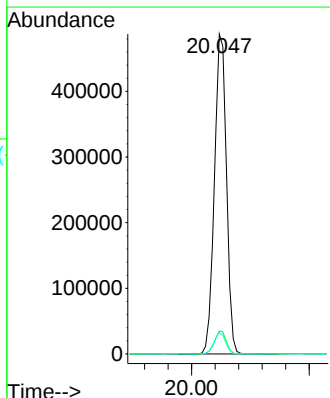
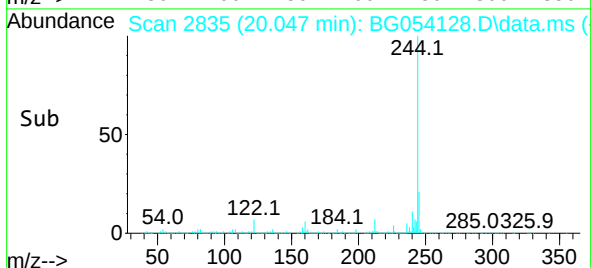
Reviewed By :Christian Giraldo 06/29/2022
 Supervised By :Jagrut Upadhyay 06/29/2022

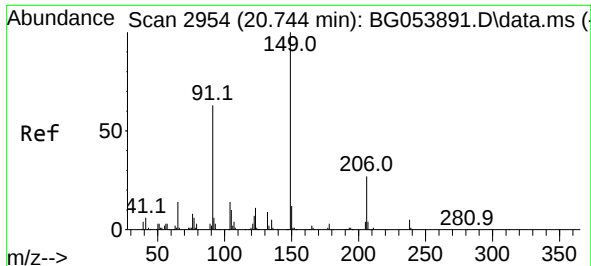


#79
 Terphenyl-d14
 Concen: 75.330 ng
 RT: 20.047 min Scan# 2835
 Delta R.T. 0.003 min
 Lab File: BG054128.D
 Acq: 28 Jun 2022 22:07



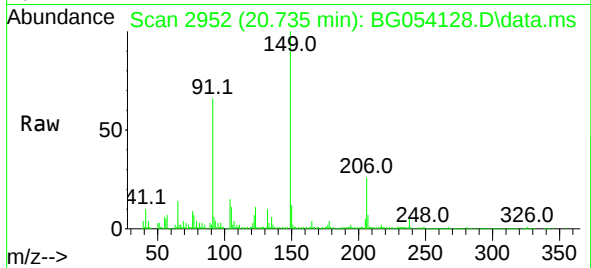
Tgt Ion:244 Resp: 690210
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 6.8 5.0 7.4





#80
Butylbenzylphthalate
Concen: 28.022 ng
RT: 20.735 min Scan# 2952
Delta R.T. 0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

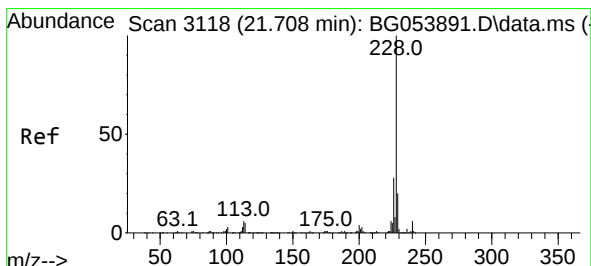
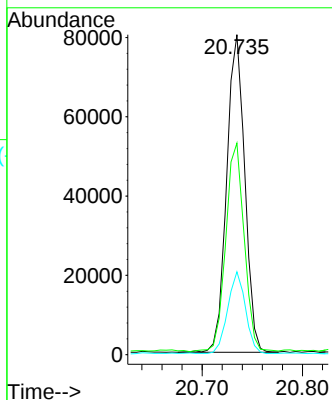
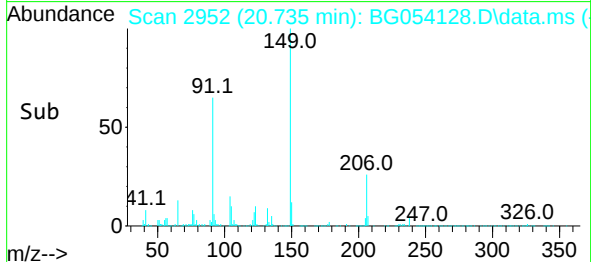
Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623



Tgt Ion:149 Resp: 100109
Ion Ratio Lower Upper
149 100
91 66.1 59.6 89.4
206 25.9 18.6 28.0

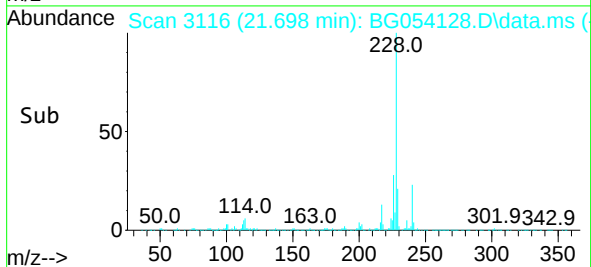
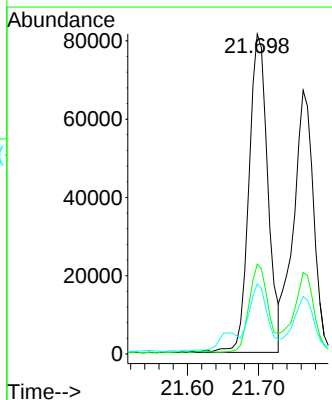
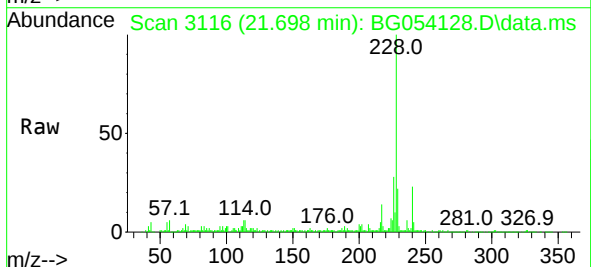
Manual Integrations
APPROVED

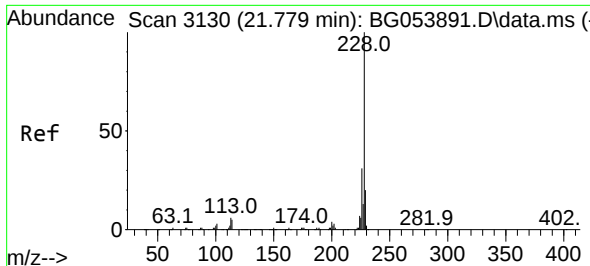
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#81
Benzo(a)anthracene
Concen: 12.563 ng
RT: 21.698 min Scan# 3116
Delta R.T. 0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

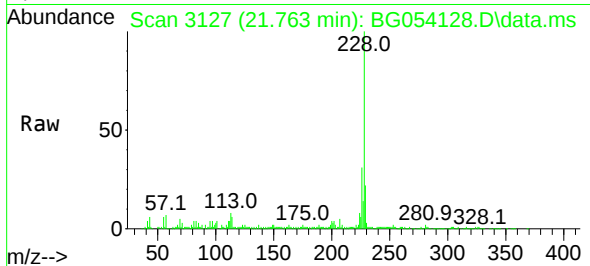
Tgt Ion:228 Resp: 150110
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 21.9 16.2 24.2





#83
Chrysene
Concen: 11.556 ng
RT: 21.763 min Scan# 3130
Delta R.T. 0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

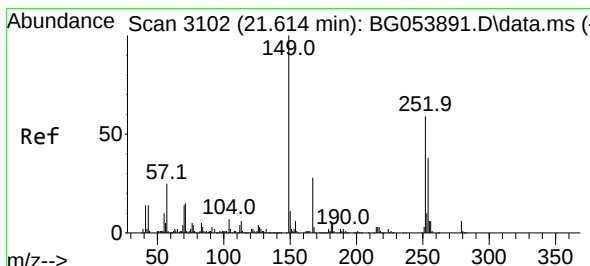
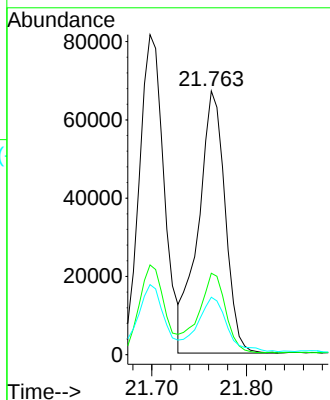
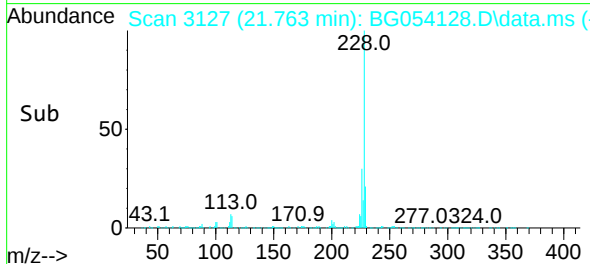
Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623



Tgt Ion:228 Resp: 131620
Ion Ratio Lower Upper
228 100
226 30.9 23.4 35.2
229 21.8 15.5 23.3

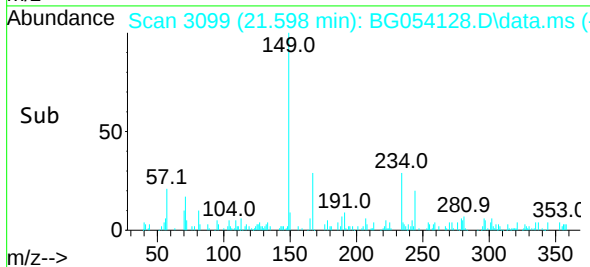
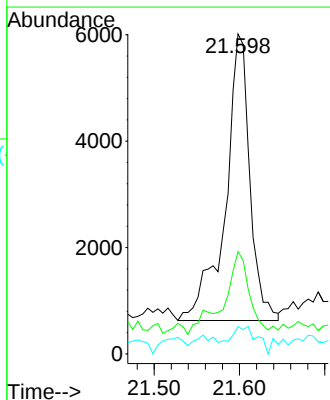
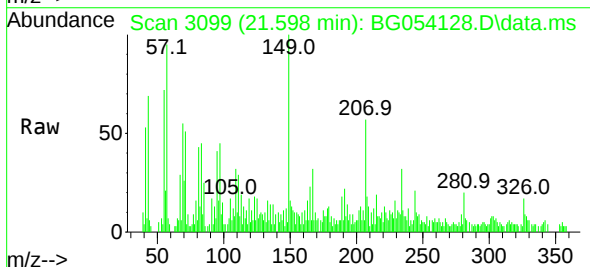
Manual Integrations
APPROVED

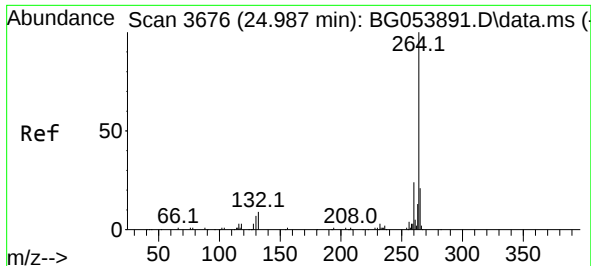
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.103 ng
RT: 21.598 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

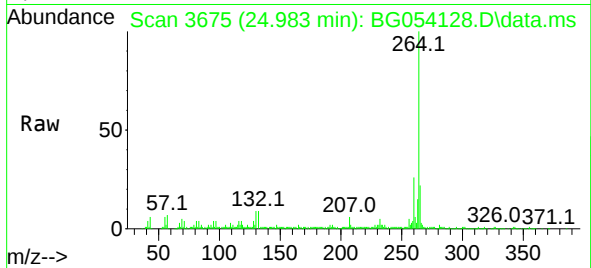
Tgt Ion:149 Resp: 10747
Ion Ratio Lower Upper
149 100
167 32.0 20.2 30.4#
279 8.6 3.6 5.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 30
Delta R.T. 0.020 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

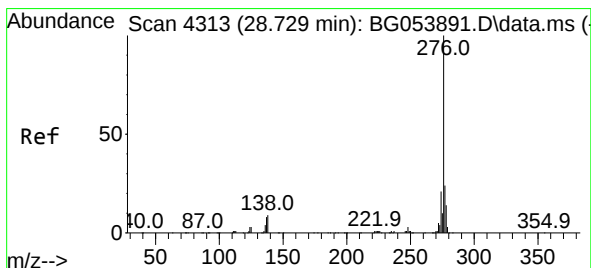
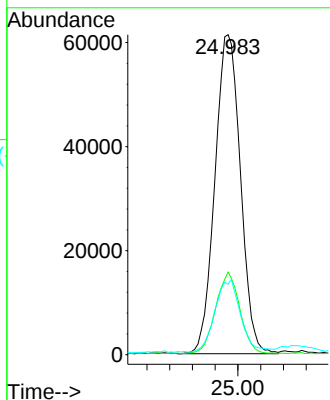
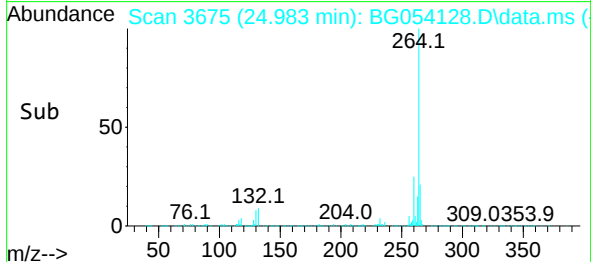
Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623



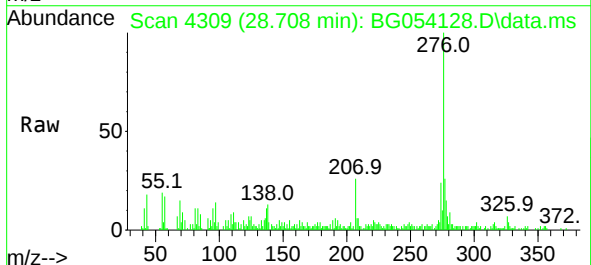
Tgt Ion:264 Resp: 19125
Ion Ratio Lower Upper
264 100
260 25.8 19.0 28.6
265 22.1 17.4 26.2

Manual Integrations
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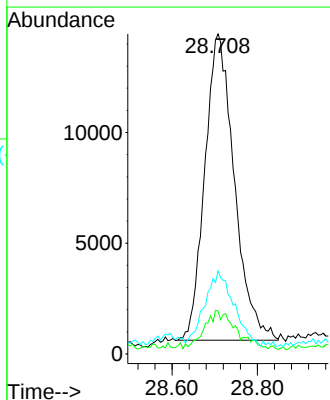
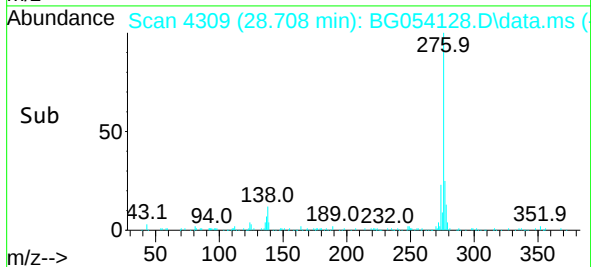
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022

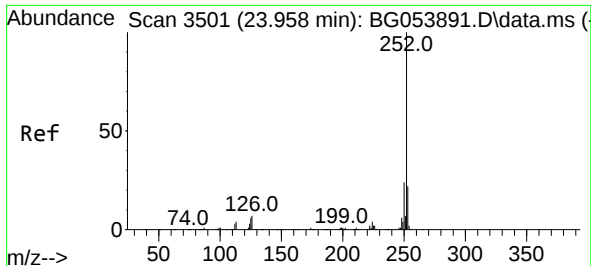


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.606 ng
RT: 28.708 min Scan# 4309
Delta R.T. 0.020 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07



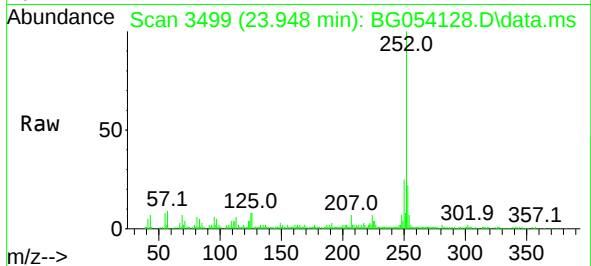
Tgt Ion:276 Resp: 66484
Ion Ratio Lower Upper
276 100
138 6.0 5.0 7.4
277 24.3 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 14.243 ng
RT: 23.948 min Scan# 3499
Delta R.T. 0.014 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

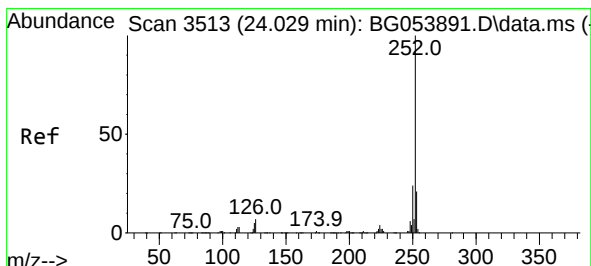
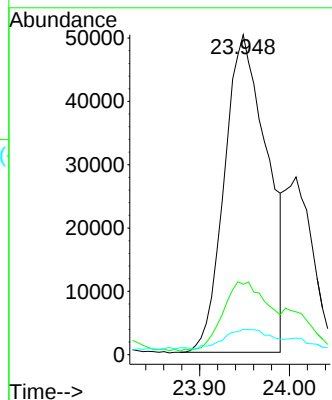
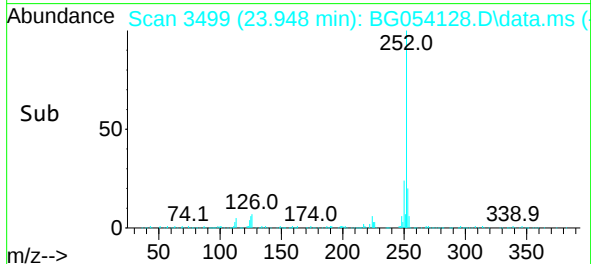
Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623



Tgt Ion:252 Resp: 16562
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 8.0 4.6 6.8

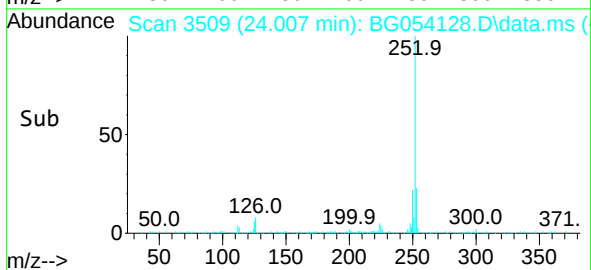
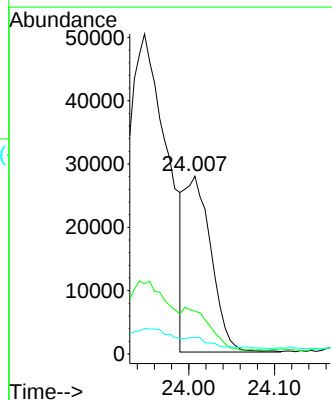
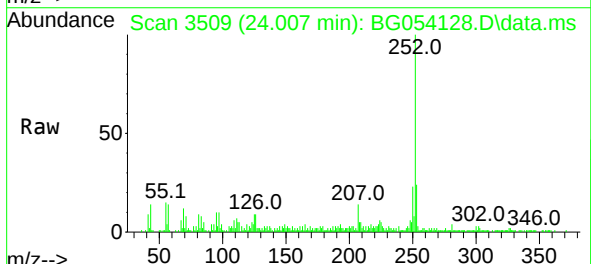
Manual Integrations
APPROVED

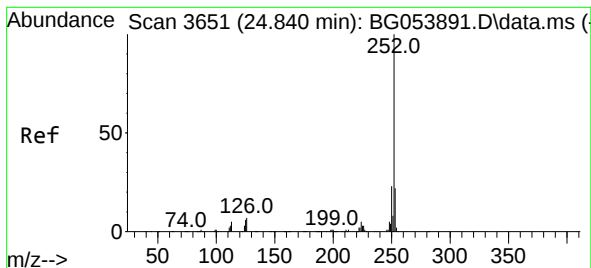
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#89
Benzo(k)fluoranthene
Concen: 5.256 ng m
RT: 24.007 min Scan# 3509
Delta R.T. 0.003 min
Lab File: BG054128.D
Acq: 28 Jun 2022 22:07

Tgt Ion:252 Resp: 60512
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 9.3 4.8 7.2





#90

Benzo(a)pyrene

Concen: 11.570 ng

RT: 24.824 min Scan# 30

Delta R.T. 0.008 min

Lab File: BG054128.D

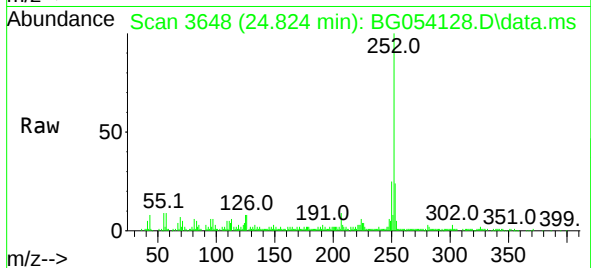
Acq: 28 Jun 2022 22:07

Instrument :

BNA_G

ClientSampleId :

SB-9-8.5-10.5-20220623



Tgt Ion: 252 Resp: 11352

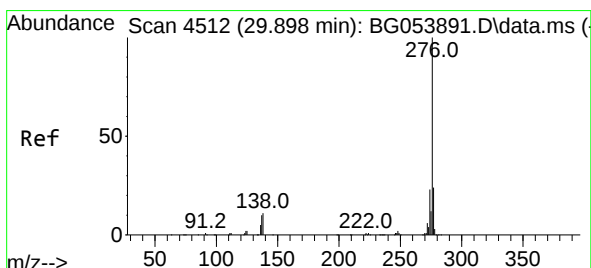
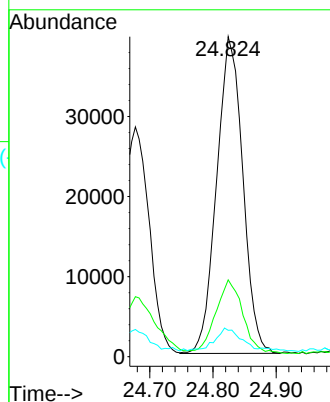
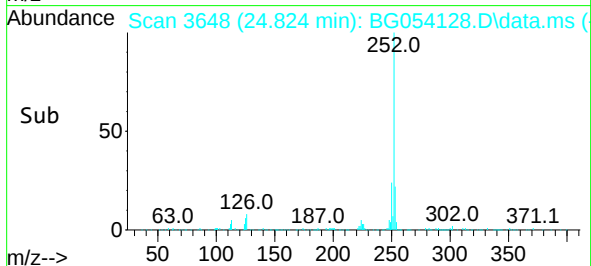
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	8.3	4.3	6.5

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 06/29/2022

Supervised By : Jagrut Upadhyay 06/29/2022



#92

Benzo(g,h,i)perylene

Concen: 5.111 ng

RT: 29.865 min Scan# 4506

Delta R.T. 0.003 min

Lab File: BG054128.D

Acq: 28 Jun 2022 22:07

Tgt Ion: 276 Resp: 60199

Ion	Ratio	Lower	Upper
276	100		
277	22.4	17.3	25.9
138	20.4	9.6	14.4

