

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
 Data File : BG053417.D
 Acq On : 3 May 2022 14:56
 Operator : CG/JU
 Sample : N2624-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N47992

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022
 Supervised By : Jagrut Upadhyay 05/04/2022

Quant Time: May 04 06:06:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	19933	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	80255	20.000	ng	# 0.00
39) Acenaphthene-d10	14.722	164	63785	20.000	ng	0.00
64) Phenanthrene-d10	17.466	188	167609	20.000	ng	0.00
76) Chrysene-d12	21.748	240	177937	20.000	ng	0.00
86) Perylene-d12	25.044	264	182485	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	86648	74.515	ng	0.00
7) Phenol-d6	7.274	99	80003	44.615	ng	0.01
23) Nitrobenzene-d5	9.271	82	214688	108.617	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	167544	165.102	ng	0.00
45) 2-Fluorobiphenyl	13.348	172	487114	105.304	ng	0.00
79) Terphenyl-d14	20.074	244	888423	84.325	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.238	77	9254	8.633	ng	95
15) Benzyl Alcohol	8.448	79	6952063	4361.683	ng	95
32) Benzoic acid	10.199	122	10715m	16.848	ng	
52) Acenaphthene	14.787	154	9546	2.454	ng	97

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

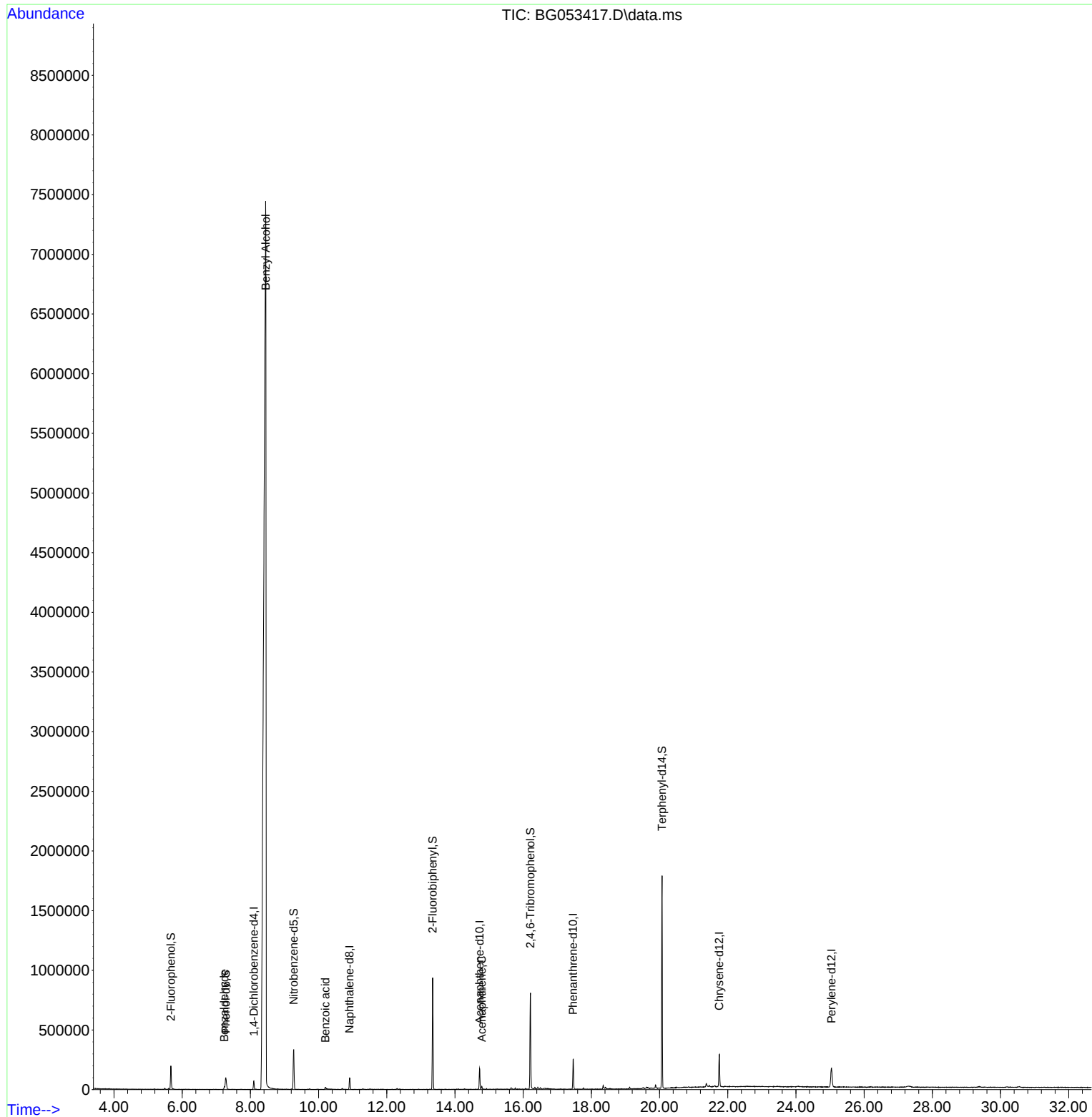
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
Data File : BG053417.D
Acq On : 3 May 2022 14:56
Operator : CG/JU
Sample : N2624-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

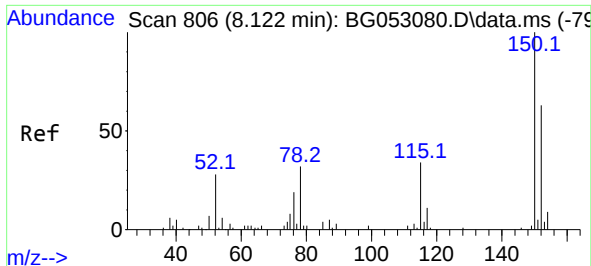
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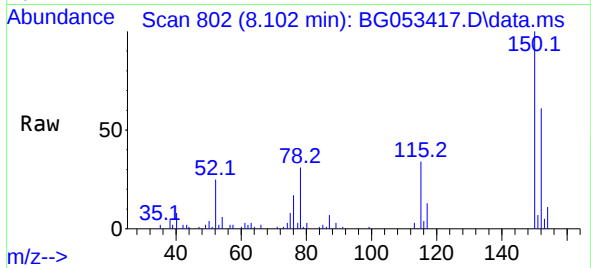
Quant Time: May 04 06:06:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 06:03:03 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 806
Delta R.T. 0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

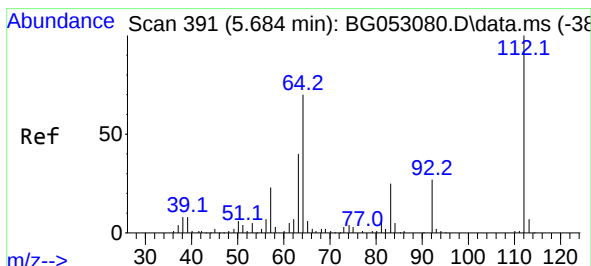
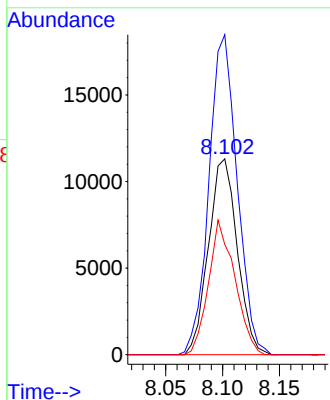
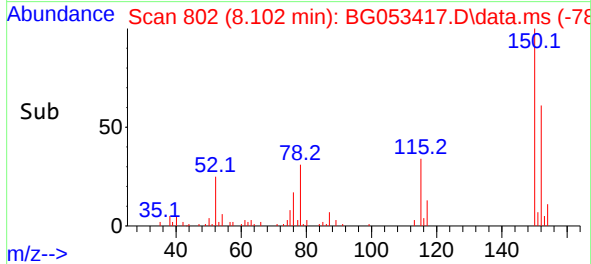
Instrument :
BNA_G
ClientSampleId :
N47992



Tgt Ion:152 Resp: 1993
Ion Ratio Lower Upper
152 100
150 163.5 114.6 172.0
115 56.3 45.9 68.9

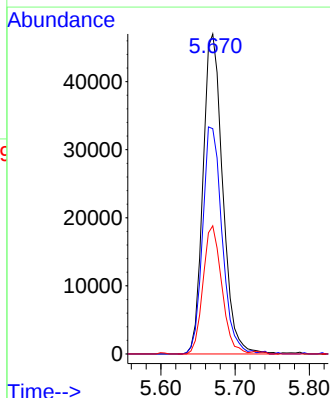
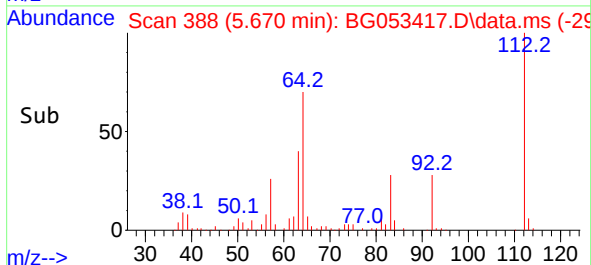
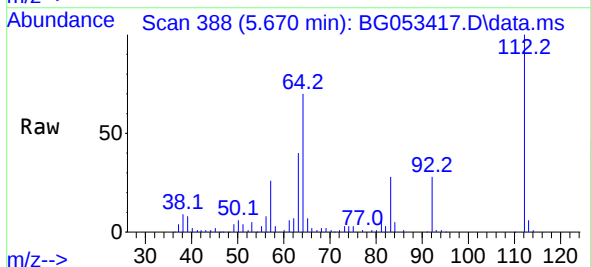
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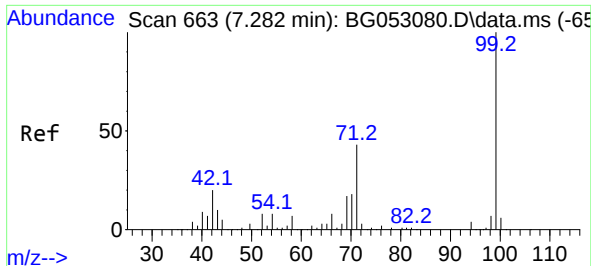
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#5
2-Fluorophenol
Concen: 74.515 ng
RT: 5.670 min Scan# 388
Delta R.T. 0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

Tgt Ion:112 Resp: 86648
Ion Ratio Lower Upper
112 100
64 70.4 48.0 72.0
63 40.1 26.5 39.7





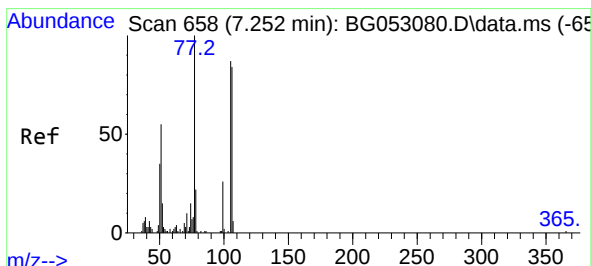
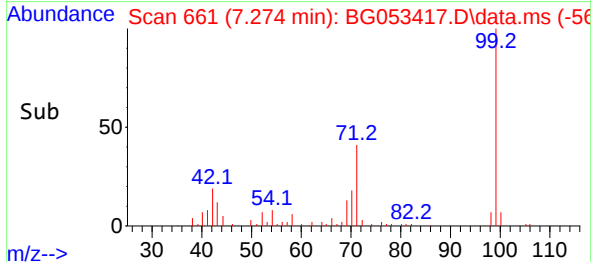
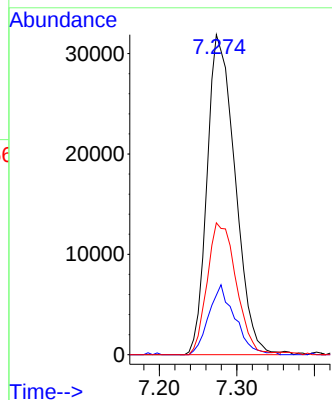
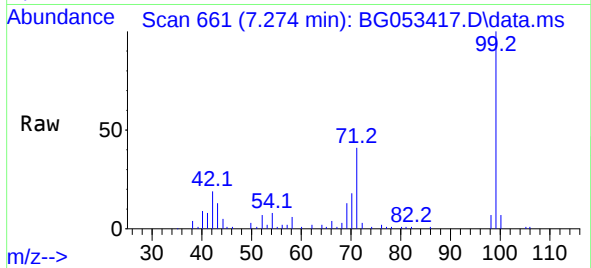
#7
Phenol-d6
Concen: 44.615 ng
RT: 7.274 min Scan# 60
Delta R.T. 0.012 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

Instrument :
BNA_G
ClientSampleId :
N47992

Tgt Ion: 99 Resp: 8000
Ion Ratio Lower Upper
99 100
42 18.6 14.7 22.1
71 41.2 29.2 43.8

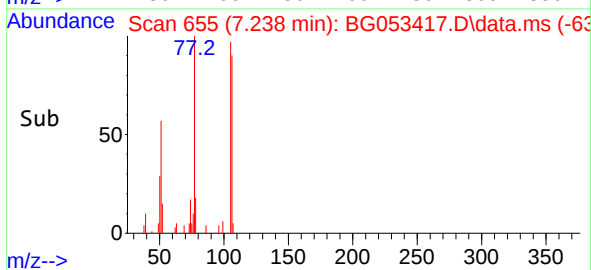
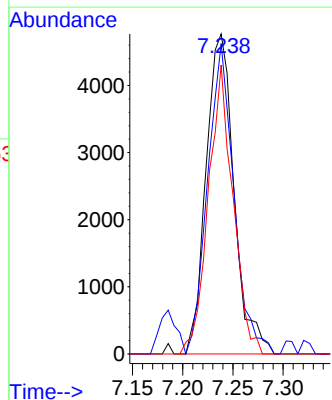
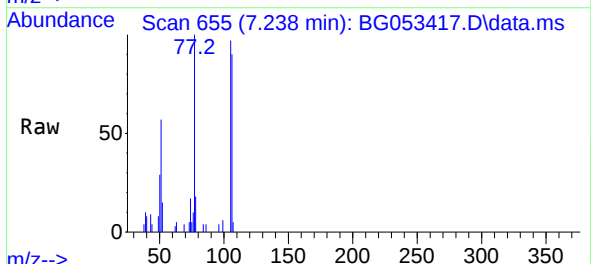
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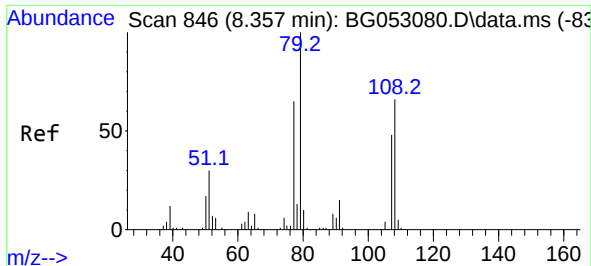
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#9
Benzaldehyde
Concen: 8.633 ng
RT: 7.238 min Scan# 655
Delta R.T. 0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

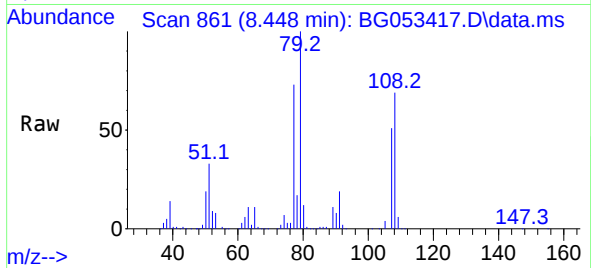
Tgt Ion: 77 Resp: 9254
Ion Ratio Lower Upper
77 100
105 97.0 70.6 110.6
106 90.3 67.6 107.6





#15
Benzyl Alcohol
Concen: 4361.683 ng
RT: 8.448 min Scan# 80
Delta R.T. 0.112 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

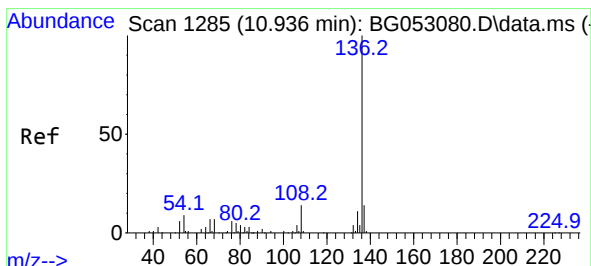
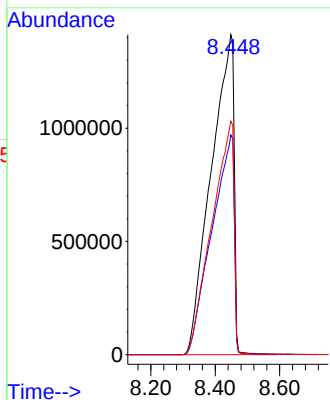
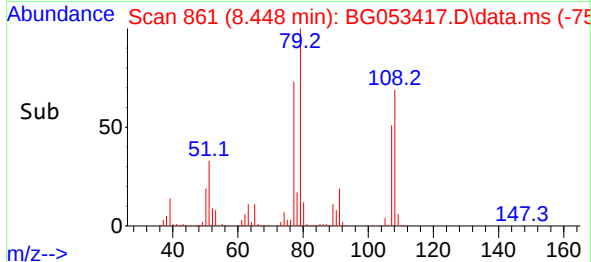
Instrument :
BNA_G
ClientSampleId :
N47992



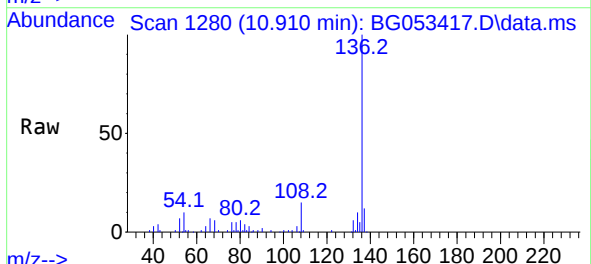
Tgt Ion: 79 Resp: 695206
Ion Ratio Lower Upper
79 100
108 68.6 55.1 82.7
77 73.0 52.4 78.6

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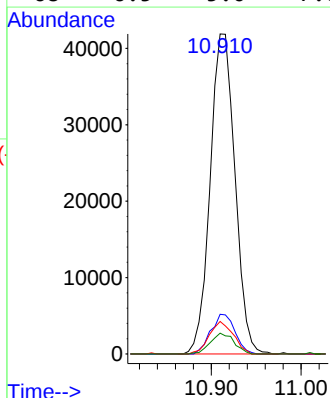
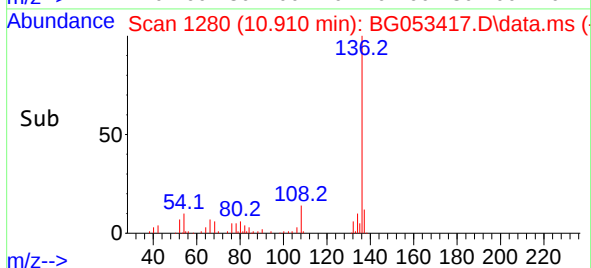
Reviewed By :Christian Giraldo 05/04/2022
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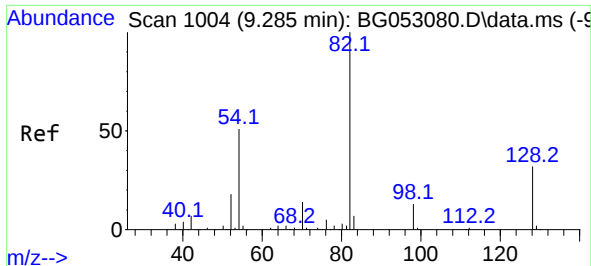


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56



Tgt Ion:136 Resp: 80255
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.2
54 10.1 6.4 9.6#
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 108.617 ng

RT: 9.271 min Scan# 10

Delta R.T. 0.006 min

Lab File: BG053417.D

Acq: 3 May 2022 14:56

Instrument :

BNA_G

ClientSampleId :

N47992

Tgt Ion: 82 Resp: 21468

Ion Ratio Lower Upper

82 100

128 33.8 31.3 46.9

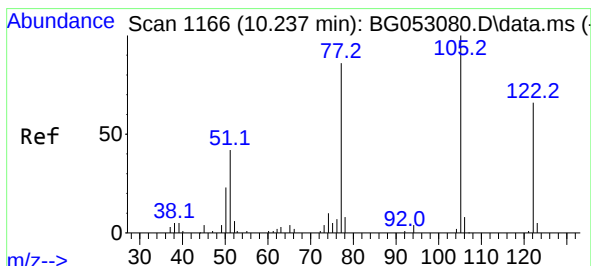
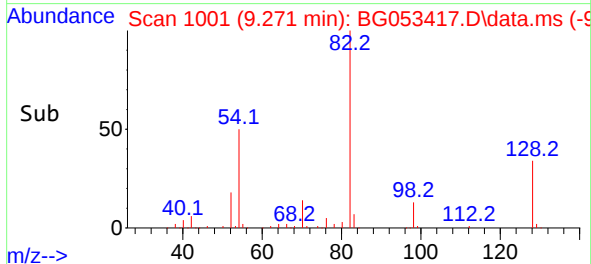
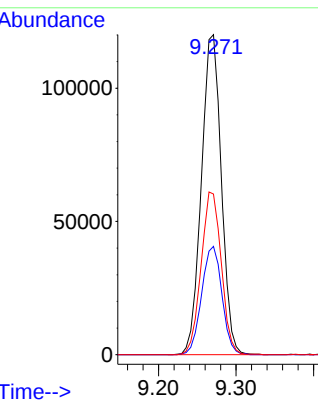
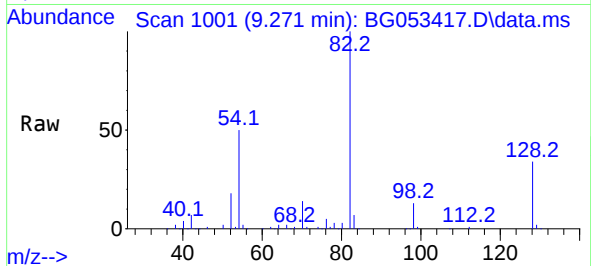
54 50.2 37.8 56.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/04/2022



#32

Benzoic acid

Concen: 16.848 ng m

RT: 10.199 min Scan# 1159

Delta R.T. -0.047 min

Lab File: BG053417.D

Acq: 3 May 2022 14:56

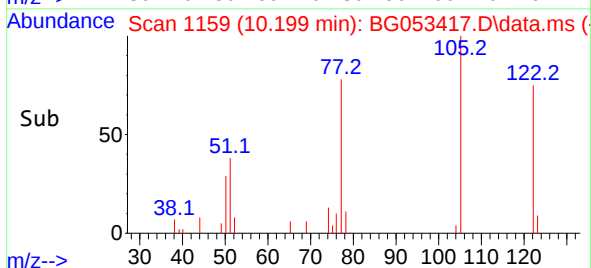
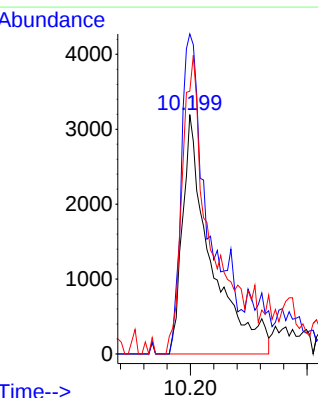
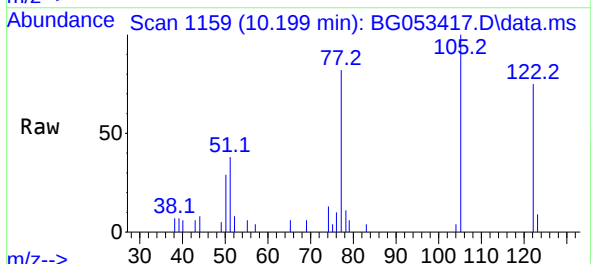
Tgt Ion:122 Resp: 10715

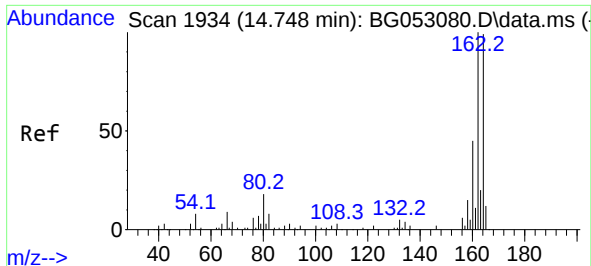
Ion Ratio Lower Upper

122 100

105 133.7 112.8 152.8

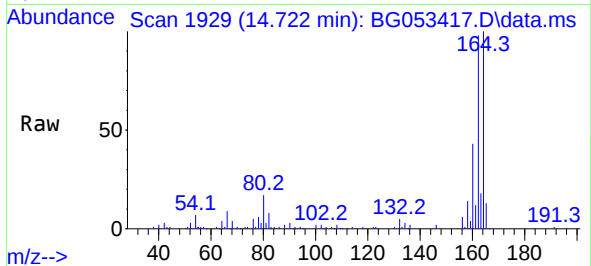
77 109.7 78.4 118.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

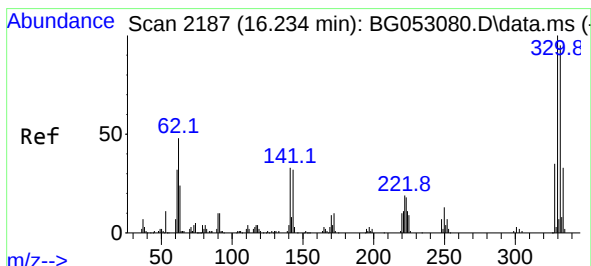
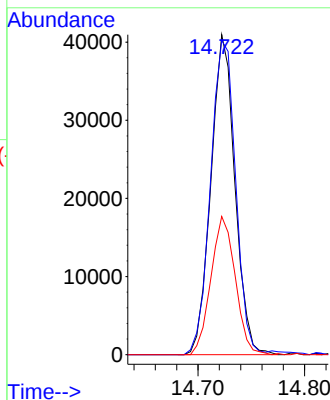
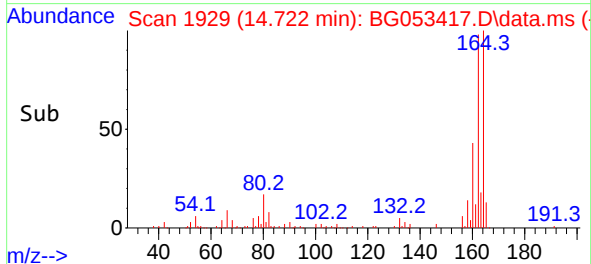
Instrument :
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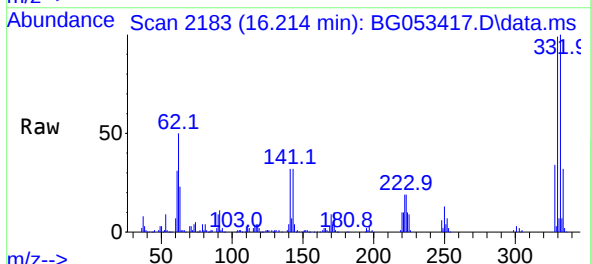
Tgt Ion:164 Resp: 63785
Ion Ratio Lower Upper
164 100
162 98.2 80.0 120.0
160 43.2 38.8 58.2

Manual Integrations
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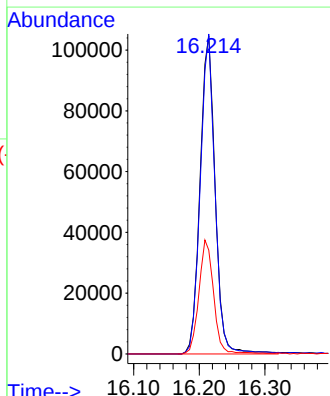
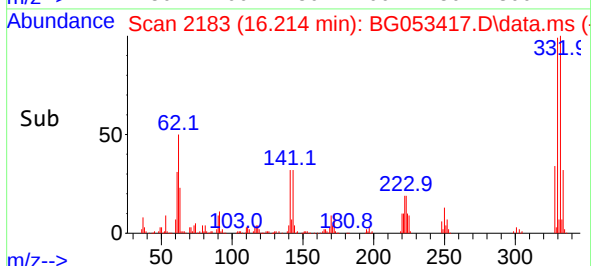
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

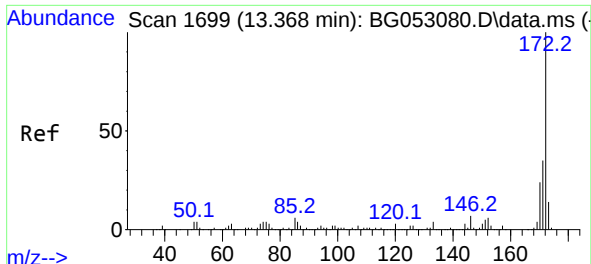


#42
2,4,6-Tribromophenol
Concen: 165.102 ng
RT: 16.214 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56



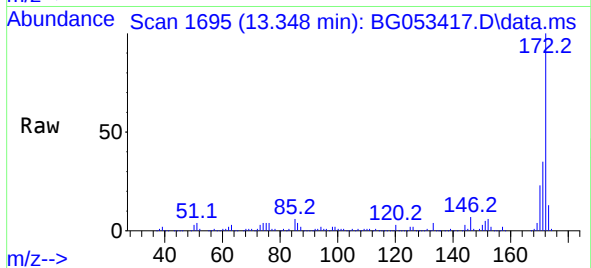
Tgt Ion:330 Resp: 167544
Ion Ratio Lower Upper
330 100
332 97.9 75.8 113.6
141 35.1 24.6 36.8





#45
2-Fluorobiphenyl
Concen: 105.304 ng
RT: 13.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

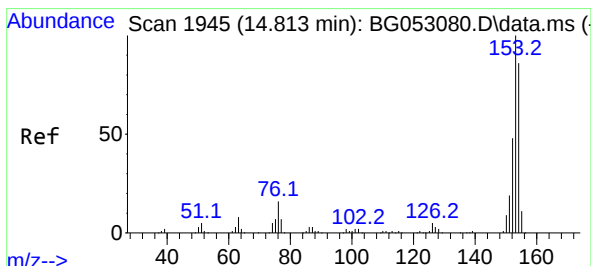
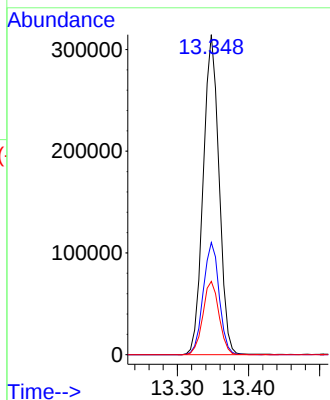
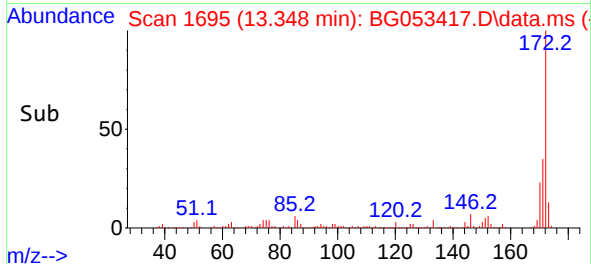
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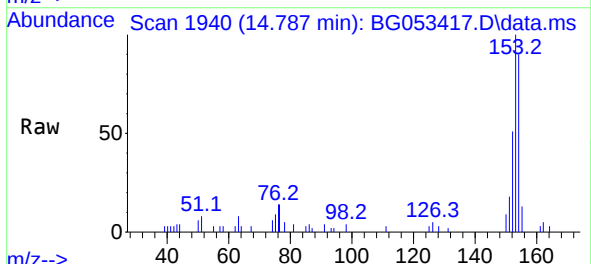
Tgt Ion:172 Resp: 487114
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.9 18.0 27.0

Manual Integrations
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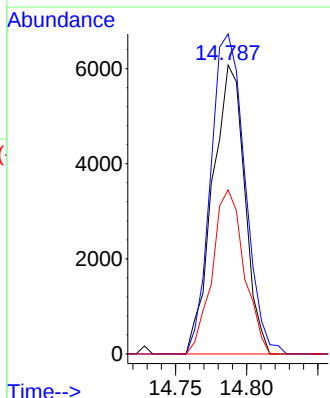
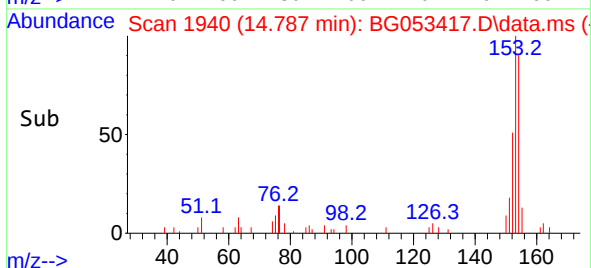
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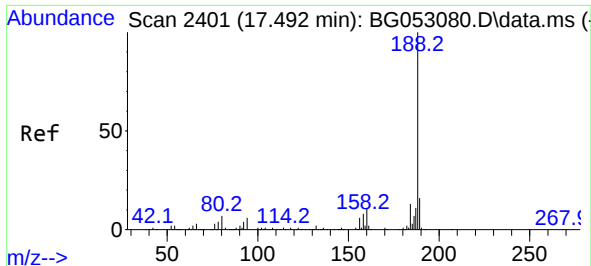


#52
Acenaphthene
Concen: 2.454 ng
RT: 14.787 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56



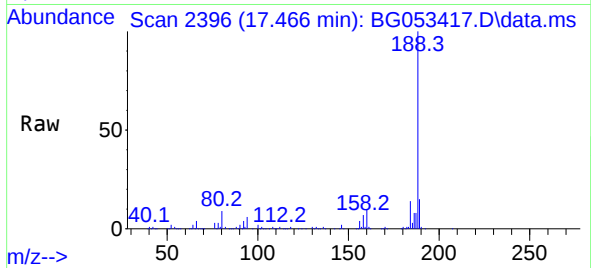
Tgt Ion:154 Resp: 9546
Ion Ratio Lower Upper
154 100
153 110.7 89.0 133.4
152 56.8 40.5 60.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.466 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

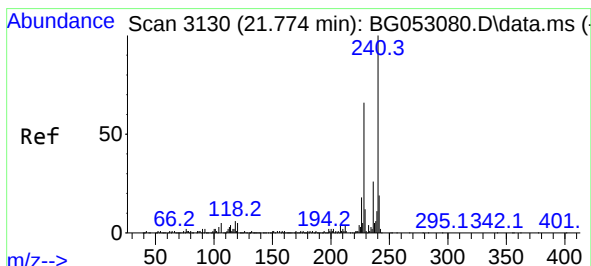
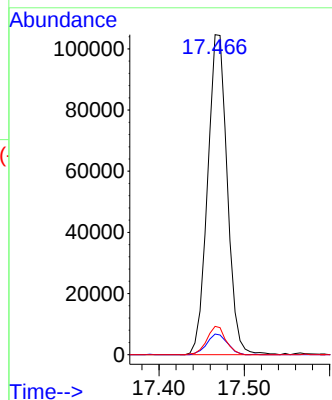
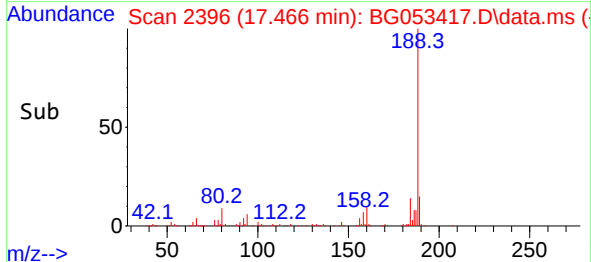
Instrument :
BNA_G
ClientSampleId :
N47992



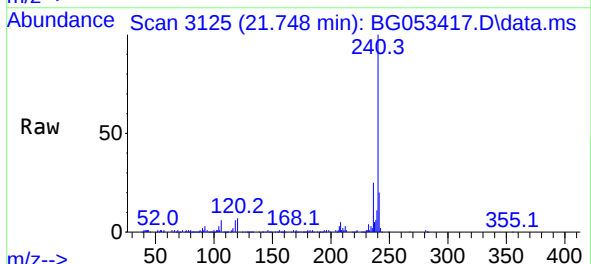
Tgt Ion:188 Resp: 167609
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 8.9 7.2 10.8

Manual Integrations
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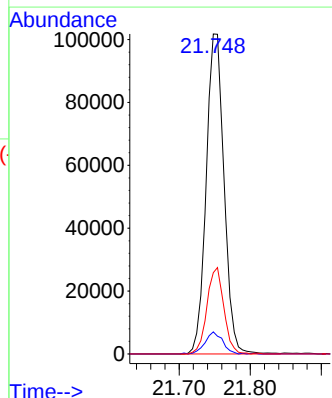
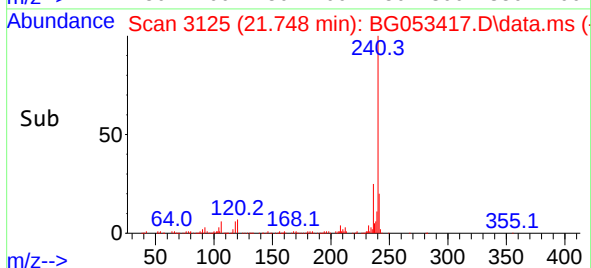
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

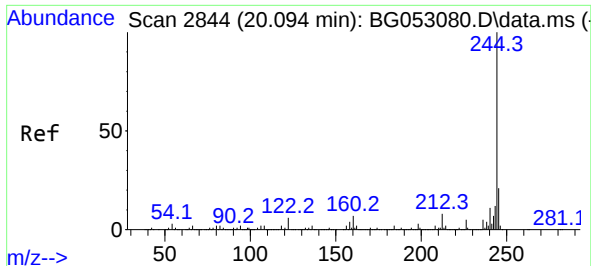


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56



Tgt Ion:240 Resp: 177937
Ion Ratio Lower Upper
240 100
120 6.9 5.4 8.0
236 25.4 19.8 29.6





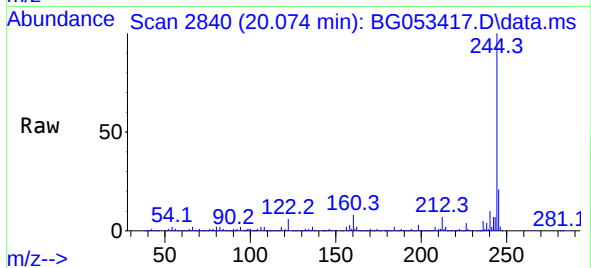
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 Terphenyl-d14
 Concen: 84.325 ng
 RT: 20.074 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053417.D
 Acq: 3 May 2022 14:56

Instrument :

BNA_G

ClientSampleId :

N47992

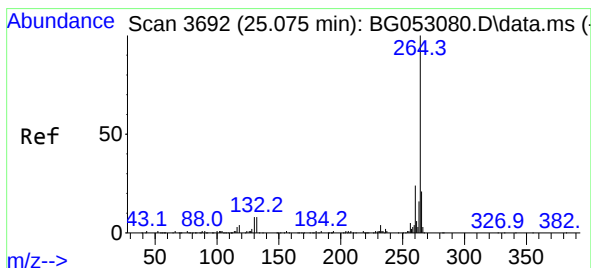
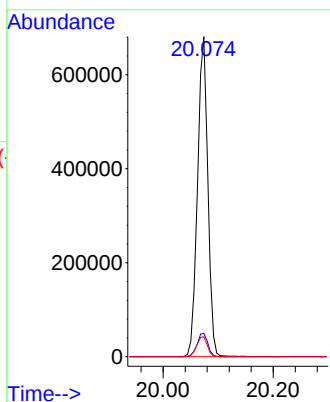
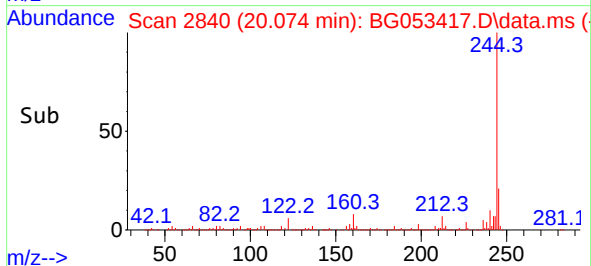


Tgt Ion:244 Resp: 88842
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 6.2 5.8 8.6

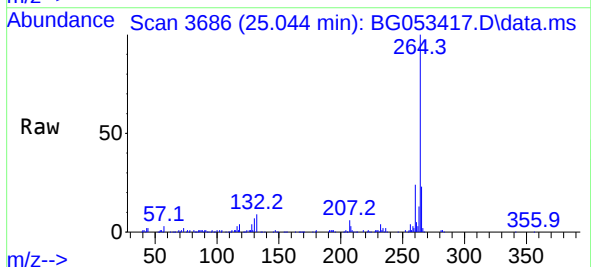
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2022
 Supervised By :Jagrut Upadhyay 05/04/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.044 min Scan# 3686
 Delta R.T. 0.000 min
 Lab File: BG053417.D
 Acq: 3 May 2022 14:56



Tgt Ion:264 Resp: 182485
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.2
 265 22.9 15.1 22.7#

