

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
 Data File : BG054540.D
 Acq On : 5 Aug 2022 18:18
 Operator : CG/JU
 Sample : N3960-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-159

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 05:40:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	17655	20.00	ng	-0.01
21) Naphthalene-d8	10.784	136	72170	20.00	ng	#-0.01
39) Acenaphthene-d10	14.615	164	55726	20.00	ng	0.00
64) Phenanthrene-d10	17.364	188	133426	20.00	ng	# 0.00
76) Chrysene-d12	21.630	240	143974	20.00	ng	# 0.00
86) Perylene-d12	24.832	264	153898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	57254	67.71	ng	0.00
7) Phenol-d6	7.176	99	82047	70.81	ng	0.00
23) Nitrobenzene-d5	9.139	82	58982	44.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.113	330	73006	62.40	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	188933	47.83	ng	-0.01
79) Terphenyl-d14	19.973	244	373724	51.50	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.421	202	24668	2.72	ng	96
78) Pyrene	19.779	202	42961	5.20	ng	98
88) Benzo(b)fluoranthene	23.816	252	21786m	2.39	ng	
90) Benzo(a)pyrene	24.685	252	17875	2.30	ng	100

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

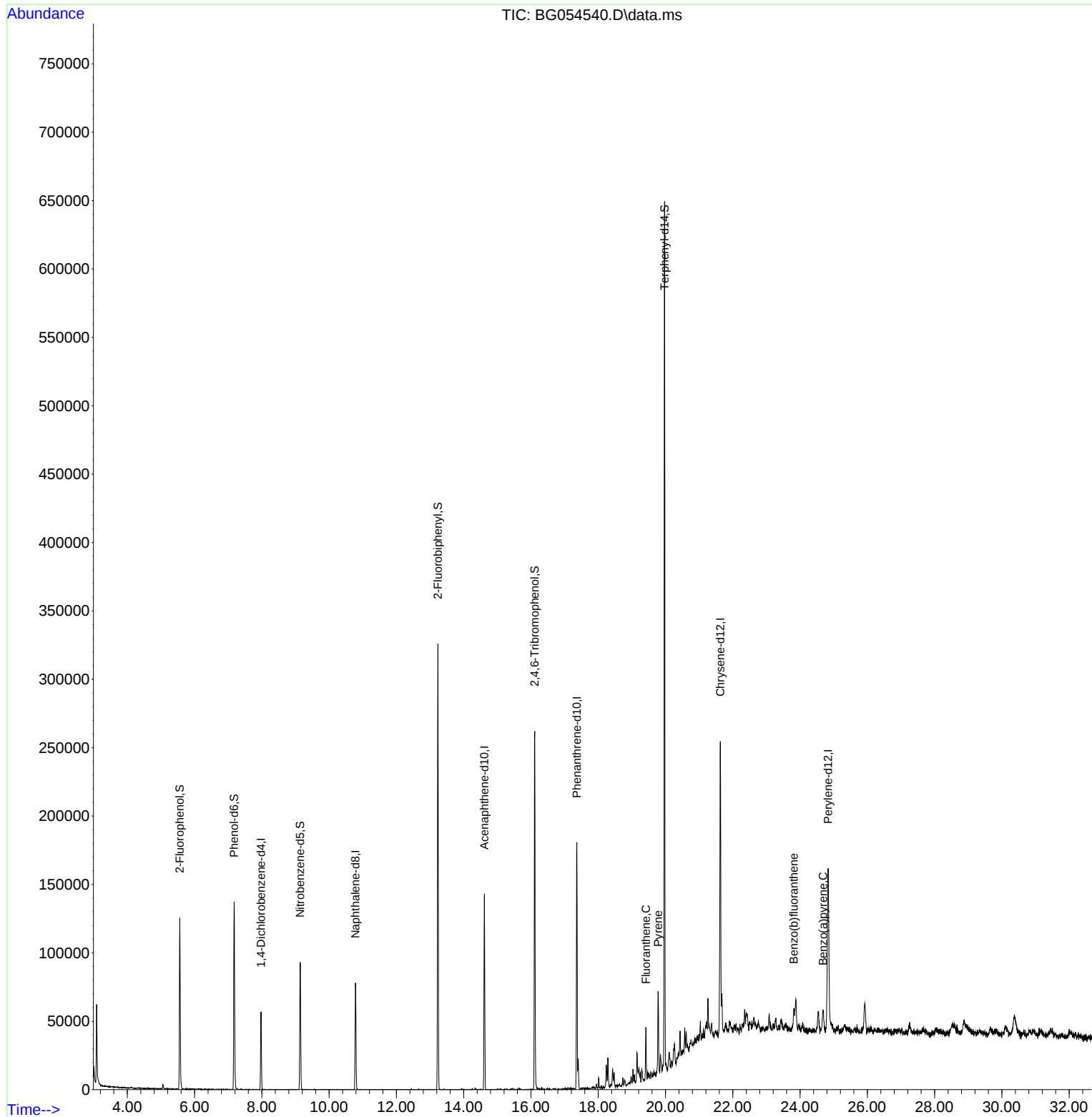
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
Data File : BG054540.D
Acq On : 5 Aug 2022 18:18
Operator : CG/JU
Sample : N3960-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

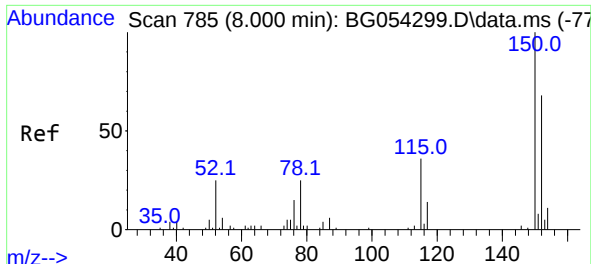
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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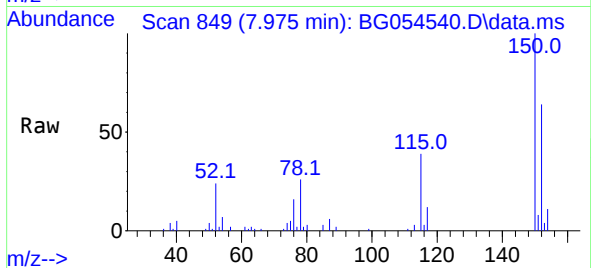
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.975 min Scan# 84
Delta R.T. -0.013 min
Lab File: BG054540.D
Acq: 5 Aug 2022 18:18

Instrument :

BNA_G

ClientSampleId :

RVE-159

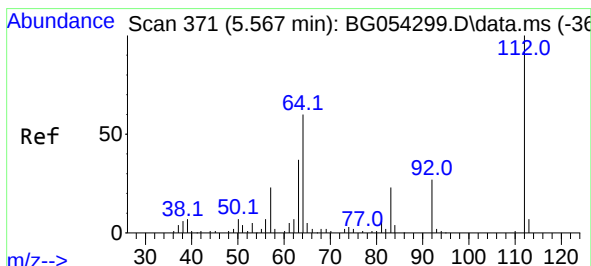
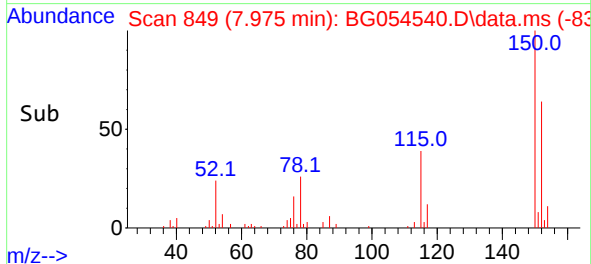
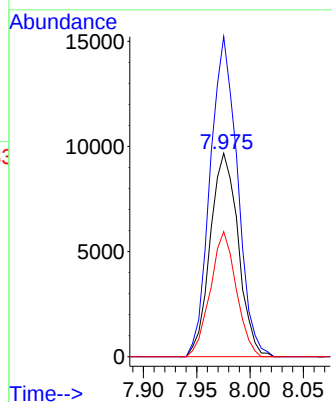


Tgt Ion:152 Resp: 1765
Ion Ratio Lower Upper
152 100
150 157.4 131.6 197.4
115 61.5 50.9 76.3

Manual Integrations

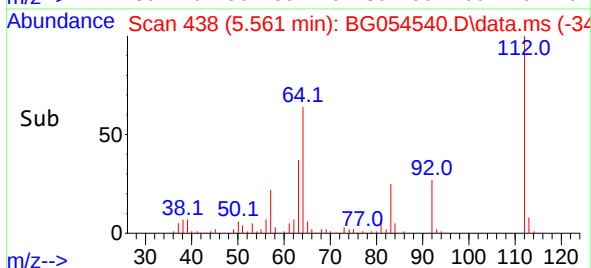
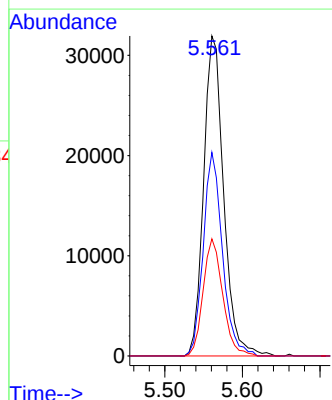
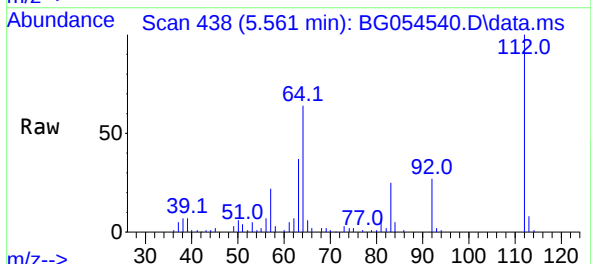
APPROVED

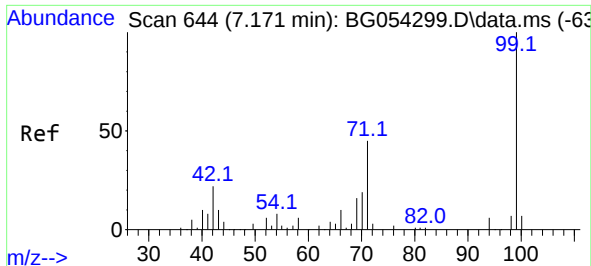
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#5
2-Fluorophenol
Concen: 67.71 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.001 min
Lab File: BG054540.D
Acq: 5 Aug 2022 18:18

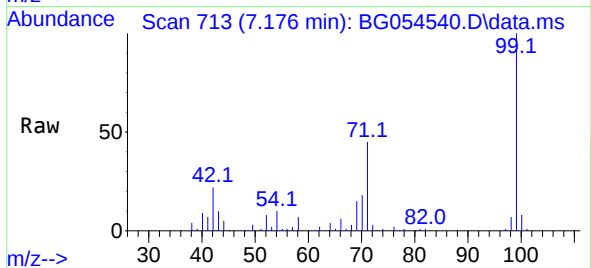
Tgt Ion:112 Resp: 57254
Ion Ratio Lower Upper
112 100
64 63.6 55.1 82.7
63 36.6 30.4 45.6





#7
Phenol-d6
Concen: 70.81 ng
RT: 7.176 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054540.D
Acq: 5 Aug 2022 18:18

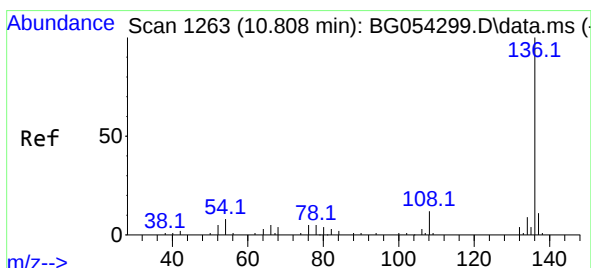
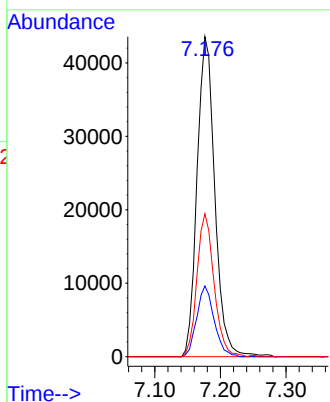
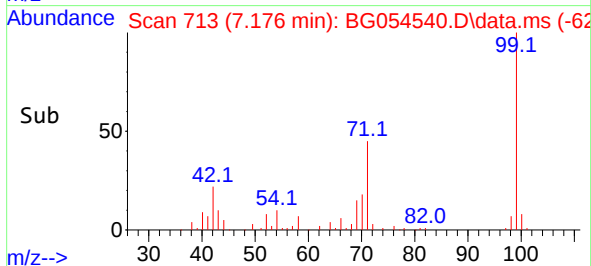
Instrument :
BNA_G
ClientSampleId :
RVE-159



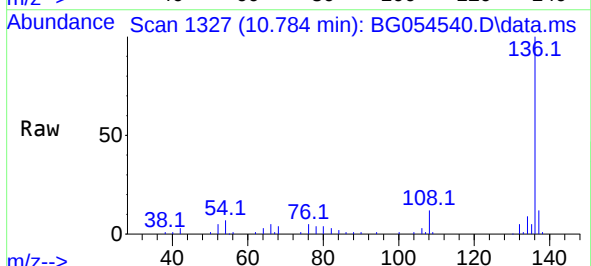
Tgt Ion: 99 Resp: 8204
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 44.7 33.8 50.8

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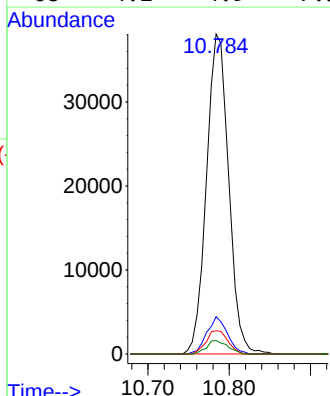
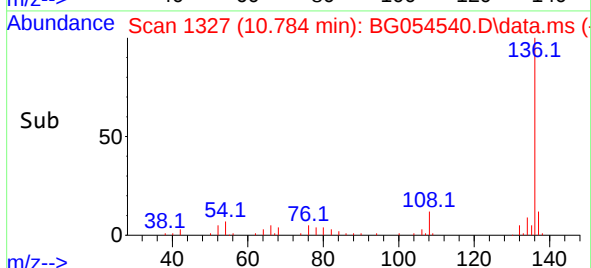
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

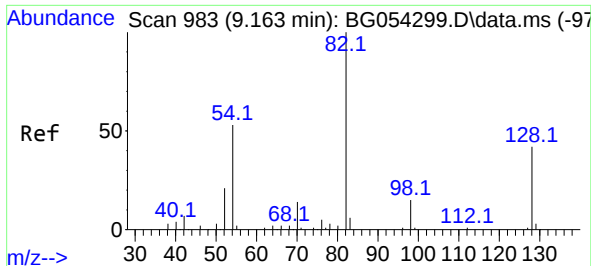


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.784 min Scan# 1327
Delta R.T. -0.013 min
Lab File: BG054540.D
Acq: 5 Aug 2022 18:18



Tgt Ion:136 Resp: 72170
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 7.3 7.4 11.2#
68 4.2 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 44.51 ng

RT: 9.139 min Scan# 1047

Delta R.T. -0.013 min

Lab File: BG054540.D

Acq: 5 Aug 2022 18:18

Instrument :

BNA_G

ClientSampleId :

RVE-159

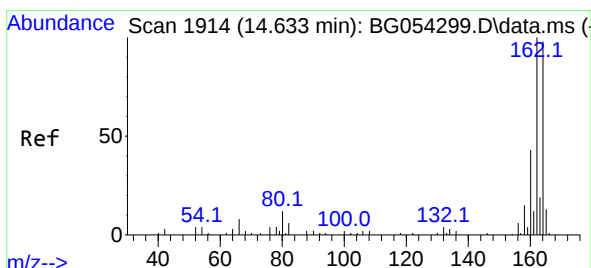
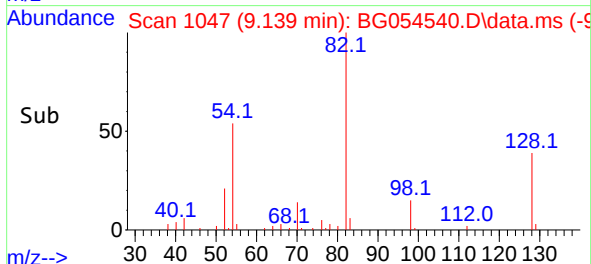
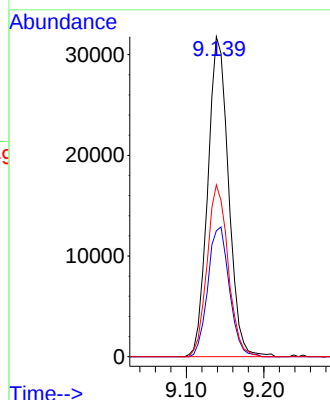
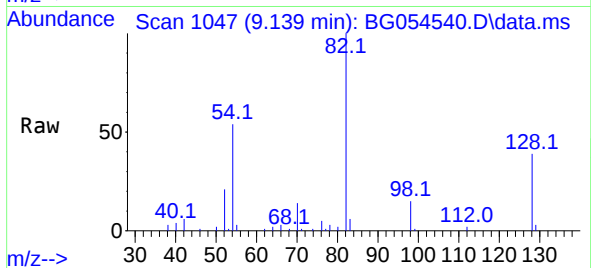
Tgt Ion:	82	Resp:	5898
Ion Ratio	Lower	Upper	
82	100		
128	39.3	27.9	41.9
54	53.7	41.2	61.8

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.00 ng

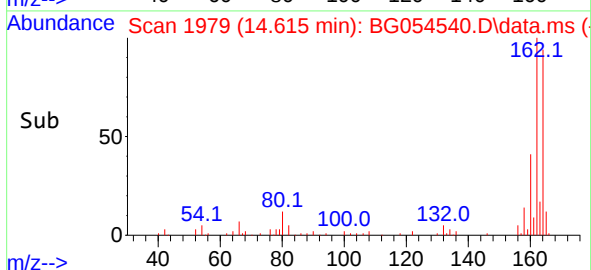
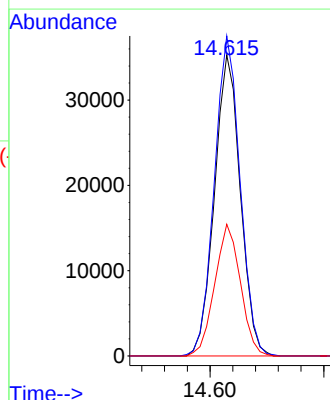
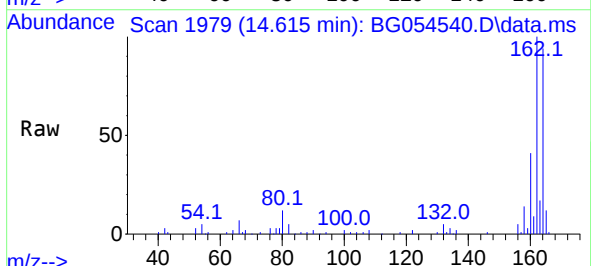
RT: 14.615 min Scan# 1979

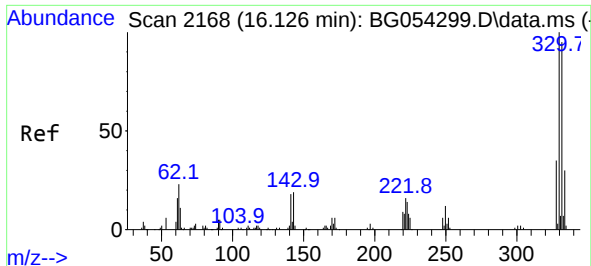
Delta R.T. -0.007 min

Lab File: BG054540.D

Acq: 5 Aug 2022 18:18

Tgt Ion:	164	Resp:	55726
Ion Ratio	Lower	Upper	
164	100		
162	106.3	82.3	123.5
160	43.8	34.2	51.2





#42
2,4,6-Tribromophenol
Concen: 62.40 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BG054540.D
Acq: 5 Aug 2022 18:18

Instrument :

BNA_G

ClientSampleId :

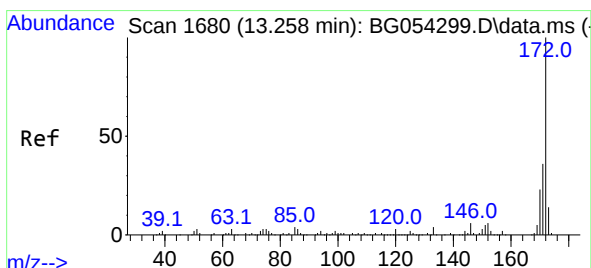
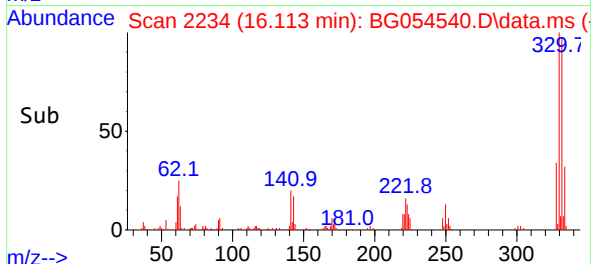
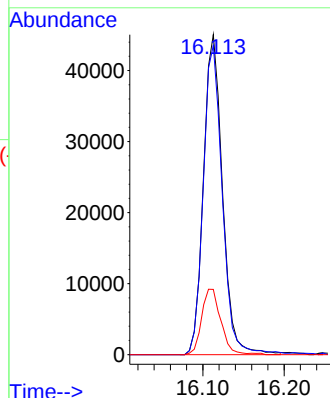
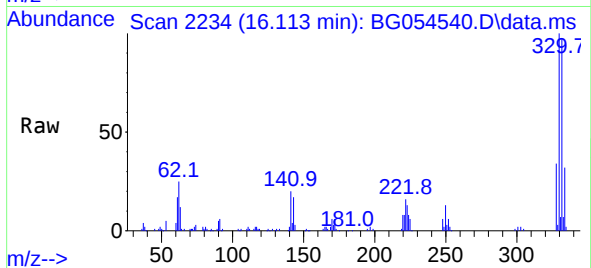
RVE-159

Tgt Ion:330 Resp: 73000
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 20.5 27.1 40.7

Manual Integrations

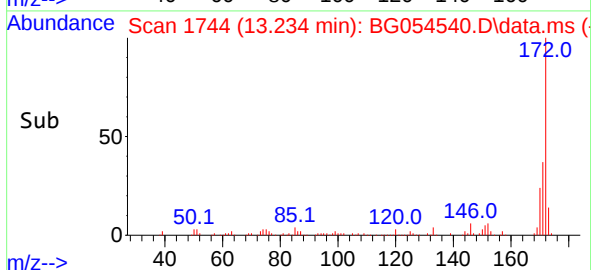
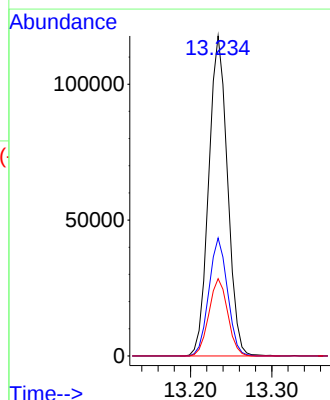
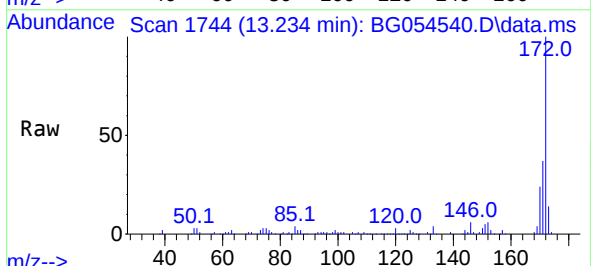
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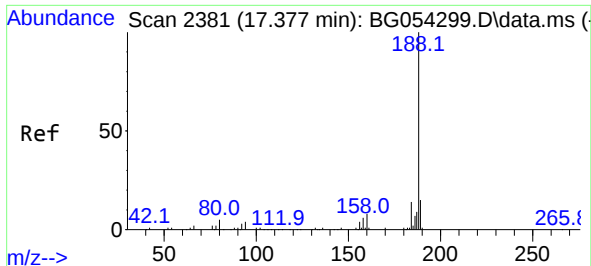
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#45
2-Fluorobiphenyl
Concen: 47.83 ng
RT: 13.234 min Scan# 1744
Delta R.T. -0.013 min
Lab File: BG054540.D
Acq: 5 Aug 2022 18:18

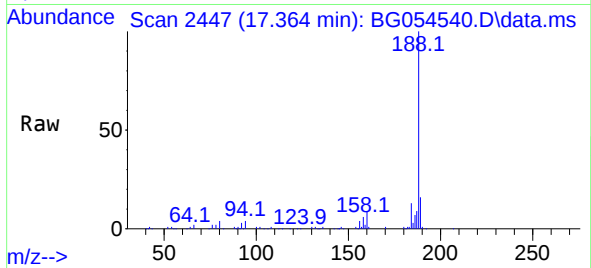
Tgt Ion:172 Resp: 188933
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.2 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.364 min Scan# 2447
Delta R.T. -0.007 min
Lab File: BG054540.D
Acq: 5 Aug 2022 18:18

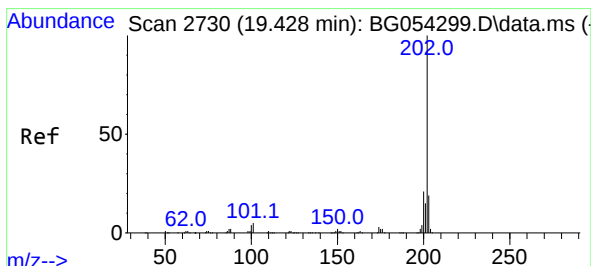
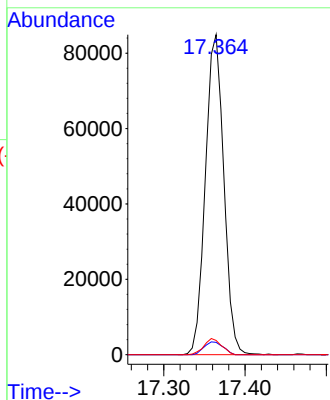
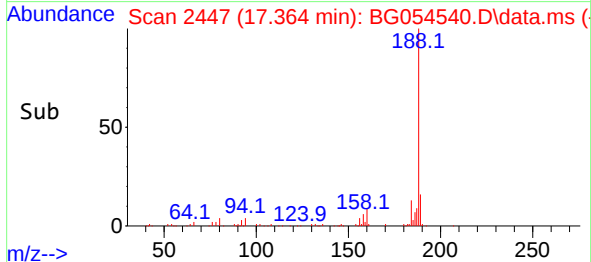
Instrument :
BNA_G
ClientSampleId :
RVE-159



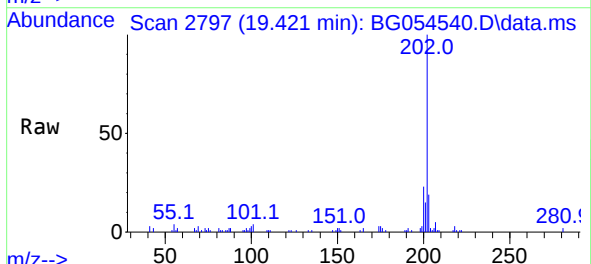
Tgt Ion:188 Resp: 133420
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0
80 4.5 6.8 10.2

Manual Integrations
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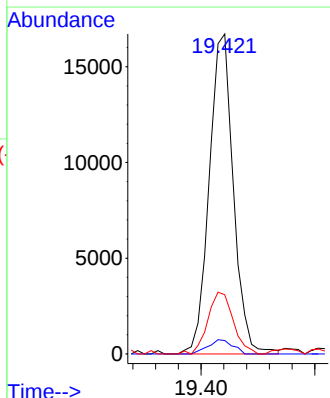
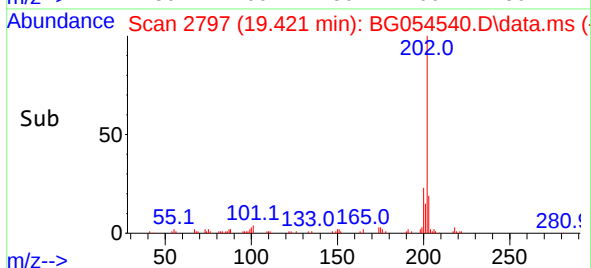
Reviewed By :Christian Giraldo 08/08/2022
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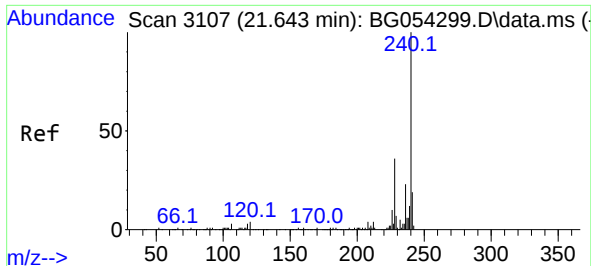


#75
Fluoranthene
Concen: 2.72 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BG054540.D
Acq: 5 Aug 2022 18:18



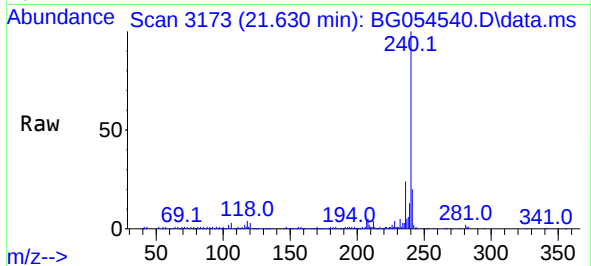
Tgt Ion:202 Resp: 24668
Ion Ratio Lower Upper
202 100
101 4.2 0.0 26.9
203 18.5 0.0 37.2





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.630 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054540.D
Acq: 5 Aug 2022 18:18

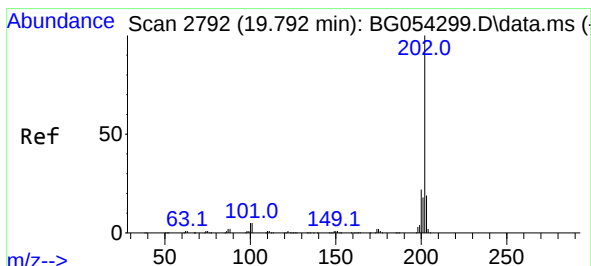
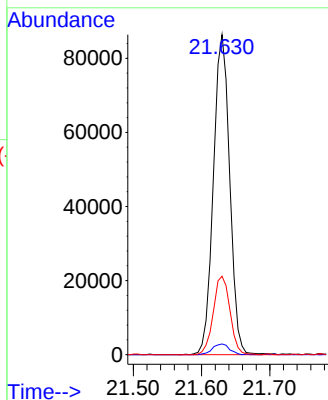
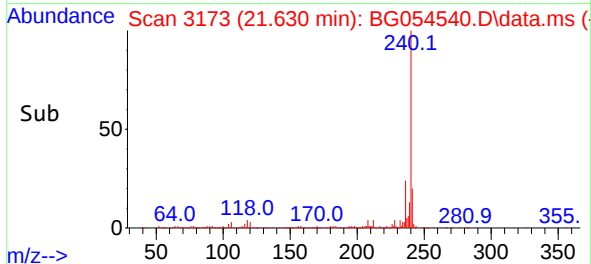
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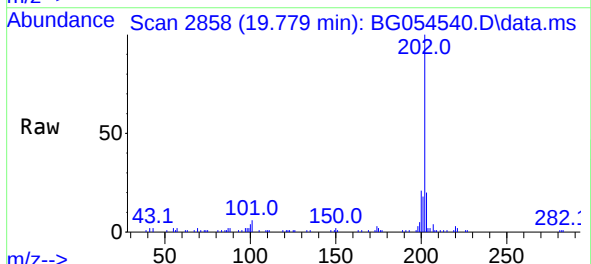
Tgt Ion:240 Resp: 143974
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0
236 24.5 20.2 30.4

Manual Integrations
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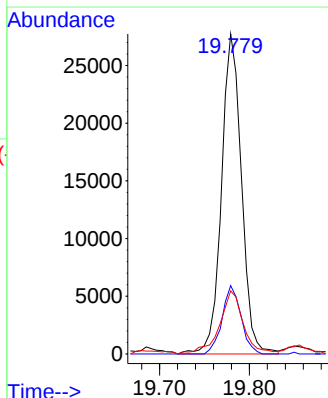
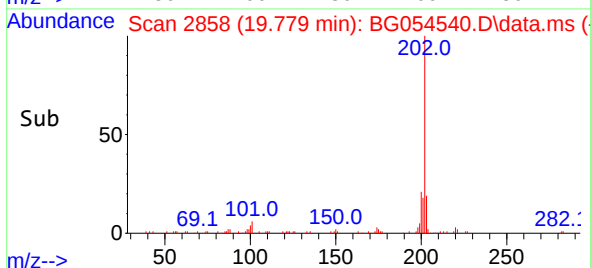
Reviewed By :Christian Giraldo 08/08/2022
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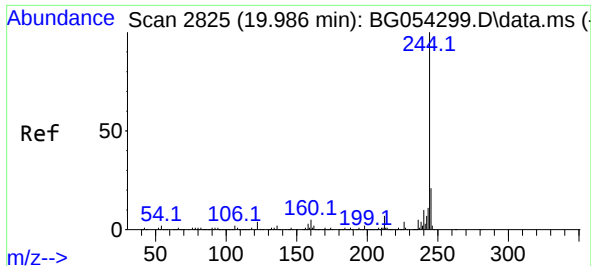


#78
Pyrene
Concen: 5.20 ng
RT: 19.779 min Scan# 2858
Delta R.T. -0.007 min
Lab File: BG054540.D
Acq: 5 Aug 2022 18:18



Tgt Ion:202 Resp: 42961
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 19.7 14.6 21.8





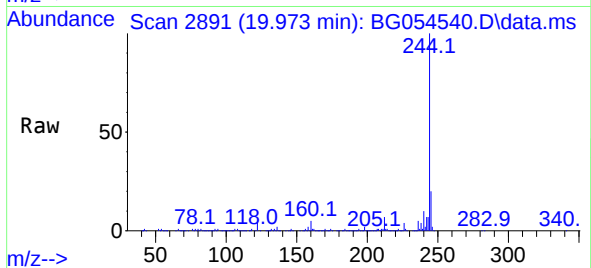
#79
 Terphenyl-d14
 Concen: 51.50 ng
 RT: 19.973 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054540.D
 Acq: 5 Aug 2022 18:18

Instrument :

BNA_G

ClientSampleId :

RVE-159

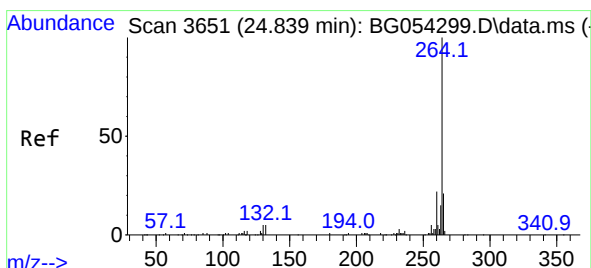
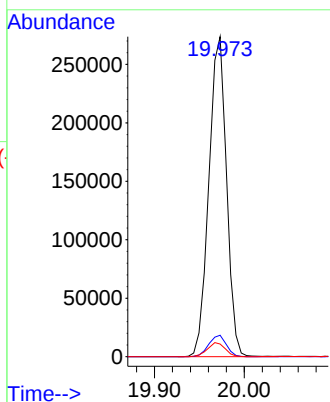
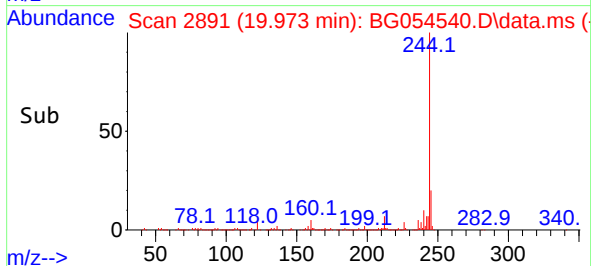


Tgt Ion:244 Resp: 373724
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 4.0 5.0 7.4

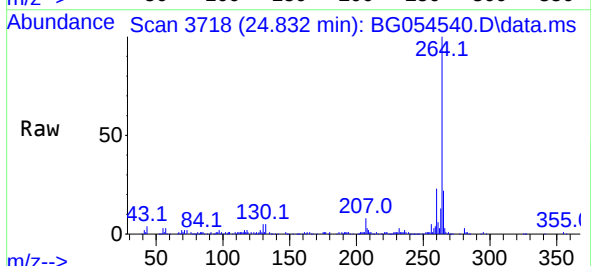
Manual Integrations

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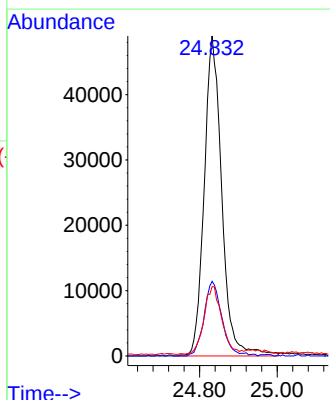
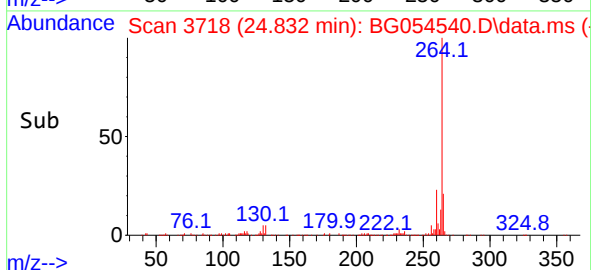
Reviewed By :Christian Giraldo 08/08/2022
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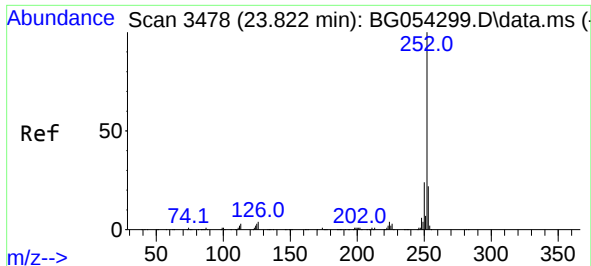


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.832 min Scan# 3718
 Delta R.T. -0.001 min
 Lab File: BG054540.D
 Acq: 5 Aug 2022 18:18



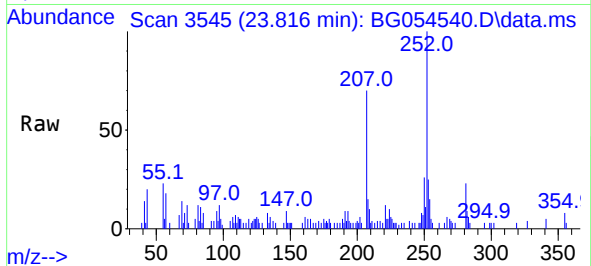
Tgt Ion:264 Resp: 153898
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.7 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.39 ng m
RT: 23.816 min Scan# 3178
Delta R.T. -0.007 min
Lab File: BG054540.D
Acq: 5 Aug 2022 18:18

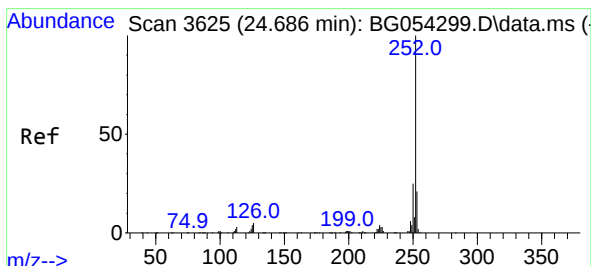
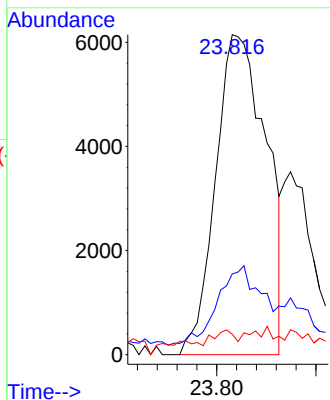
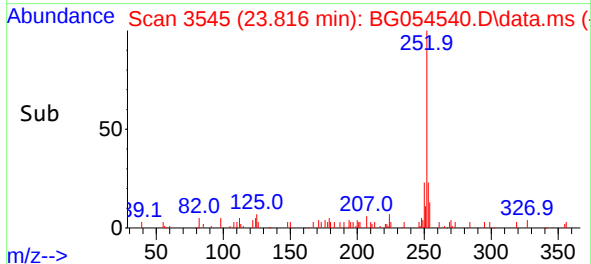
Instrument :
BNA_G
ClientSampleId :
RVE-159



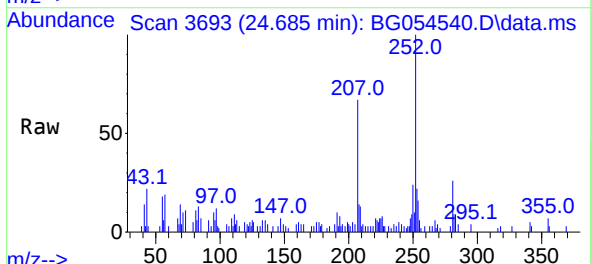
Tgt Ion:252 Resp: 21780
Ion Ratio Lower Upper
252 100
253 25.3 18.0 27.0
125 6.4 4.6 6.8

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.30 ng
RT: 24.685 min Scan# 3693
Delta R.T. -0.001 min
Lab File: BG054540.D
Acq: 5 Aug 2022 18:18



Tgt Ion:252 Resp: 17875
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 6.1 4.3 6.5

