

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
 Data File : BG054539.D
 Acq On : 5 Aug 2022 17:34
 Operator : CG/JU
 Sample : N3960-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-167

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 05:40:08 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	7.970	152	16778	20.00	ng	-0.02
21) Naphthalene-d8	10.785	136	69753	20.00	ng	#-0.01
39) Acenaphthene-d10	14.615	164	54114	20.00	ng	0.00
64) Phenanthrene-d10	17.365	188	131493	20.00	ng	# 0.00
76) Chrysene-d12	21.631	240	141102	20.00	ng	# 0.00
86) Perylene-d12	24.833	264	151111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	69547	86.55	ng	0.00
7) Phenol-d6	7.177	99	96095	87.27	ng	0.00
23) Nitrobenzene-d5	9.139	82	68533	53.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.114	330	84146	74.06	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	210527	54.88	ng	-0.01
79) Terphenyl-d14	19.974	244	401535	56.45	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.406	178	38370	5.86	ng	97
75) Fluoranthene	19.416	202	45683	5.12	ng	99
78) Pyrene	19.780	202	65485	8.09	ng	99
81) Benzo(a)anthracene	21.607	228	29721m	3.32	ng	
83) Chrysene	21.678	228	32637	3.86	ng	96
88) Benzo(b)fluoranthene	23.822	252	35591m	3.98	ng	
90) Benzo(a)pyrene	24.686	252	27265	3.57	ng	96

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

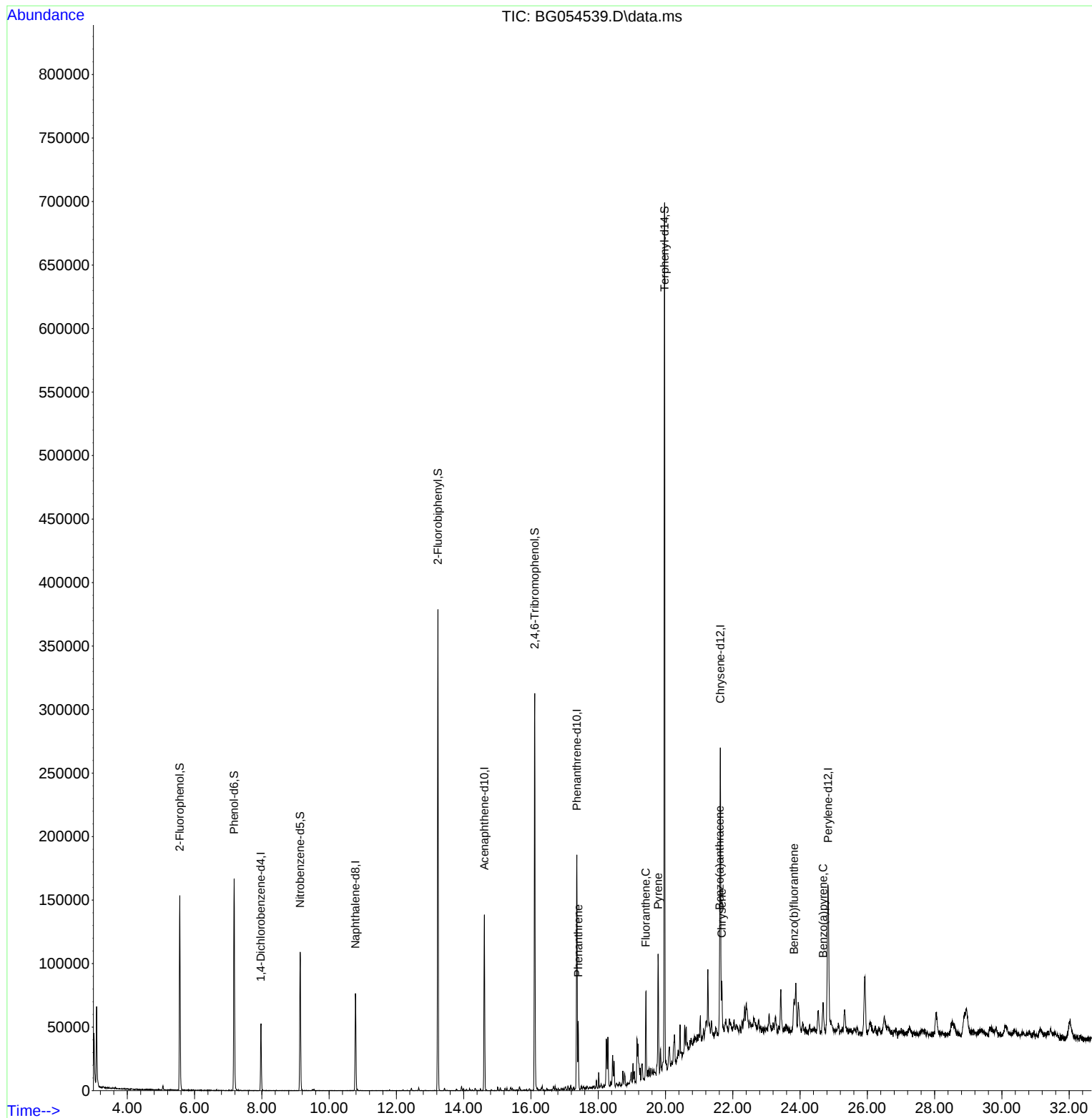
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
Data File : BG054539.D
Acq On : 5 Aug 2022 17:34
Operator : CG/JU
Sample : N3960-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

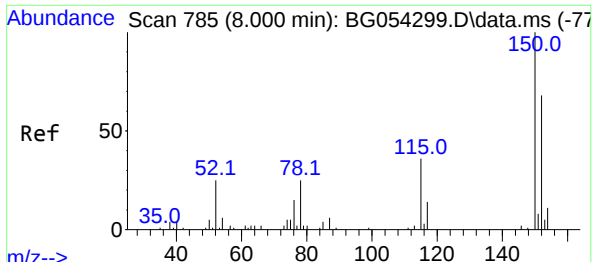
Instrument :
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ClientSampleId :
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Quant Time: Aug 06 05:40:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
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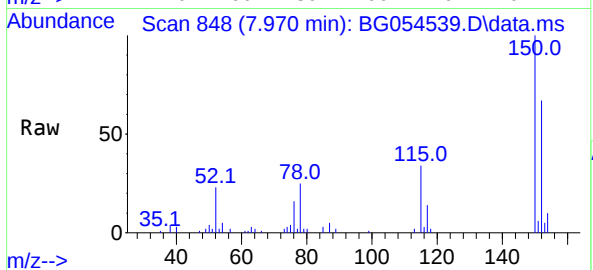
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Supervised By :Jagrut Upadhyay 08/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.970 min Scan# 84
Delta R.T. -0.018 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34

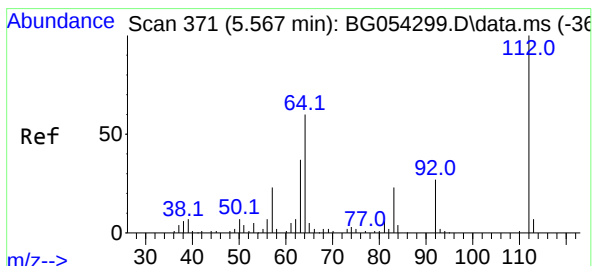
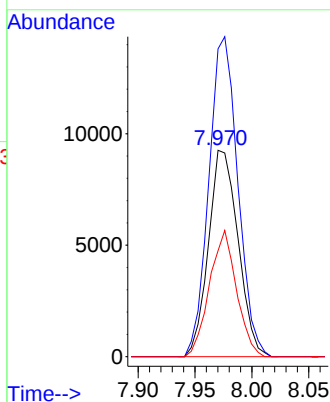
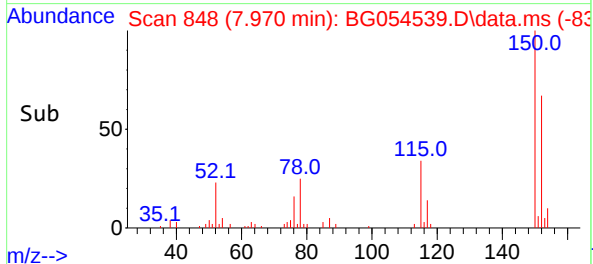
Instrument :
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ClientSampleId :
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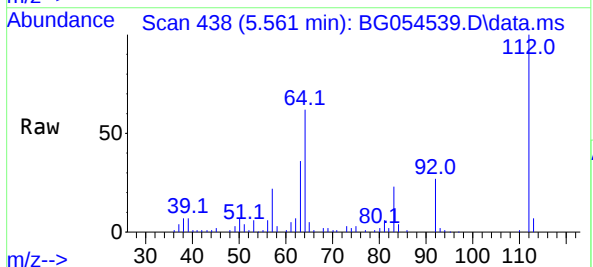
Tgt Ion:152 Resp: 16778
Ion Ratio Lower Upper
152 100
150 149.2 131.6 197.4
115 51.4 50.9 76.3

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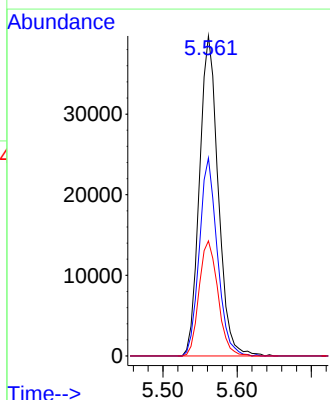
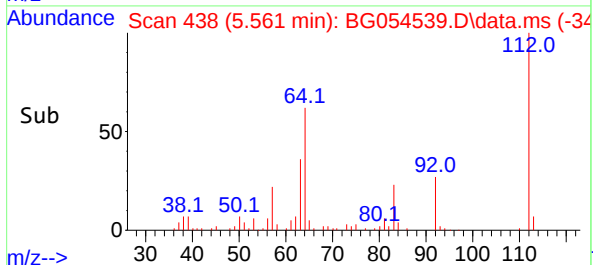
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

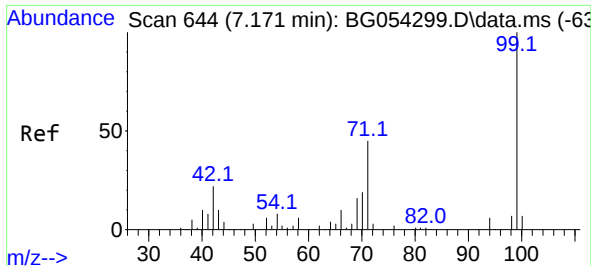


#5
2-Fluorophenol
Concen: 86.55 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.001 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34



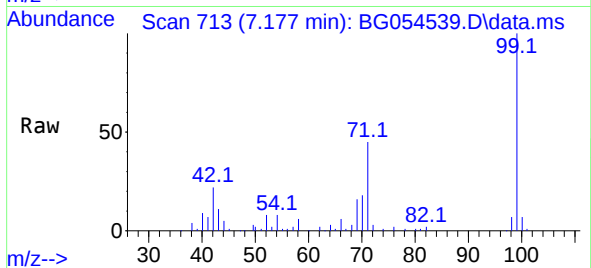
Tgt Ion:112 Resp: 69547
Ion Ratio Lower Upper
112 100
64 61.9 55.1 82.7
63 36.0 30.4 45.6





#7
Phenol-d6
Concen: 87.27 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34

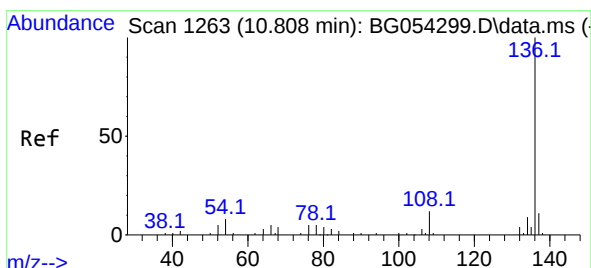
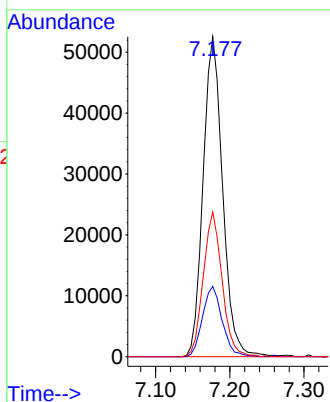
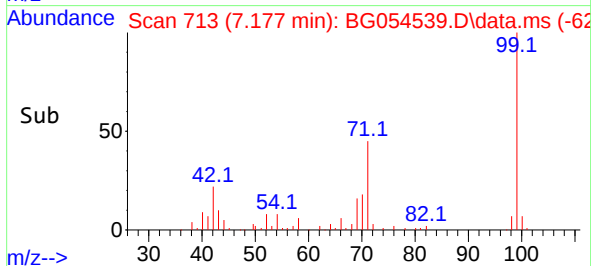
Instrument :
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ClientSampleId :
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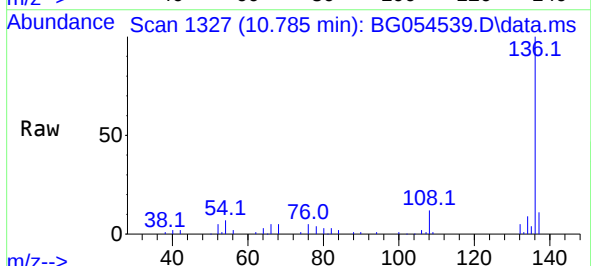
Tgt Ion: 99 Resp: 9609
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 45.2 33.8 50.8

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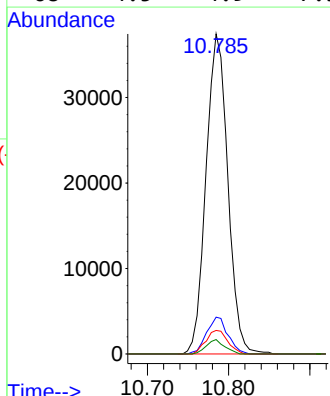
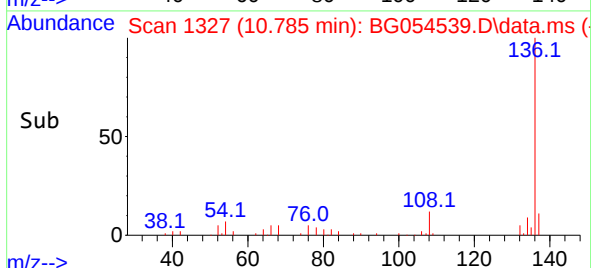
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

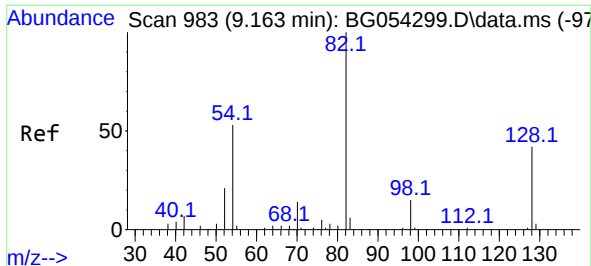


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.785 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34



Tgt Ion:136 Resp: 69753
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 7.3 7.4 11.2#
68 4.5 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 53.50 ng
RT: 9.139 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34

Instrument :

BNA_G

ClientSampleId :

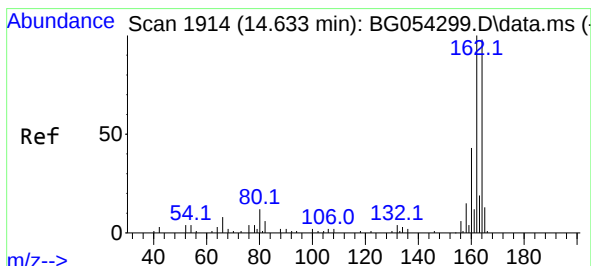
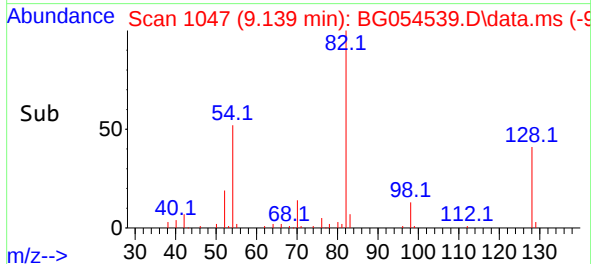
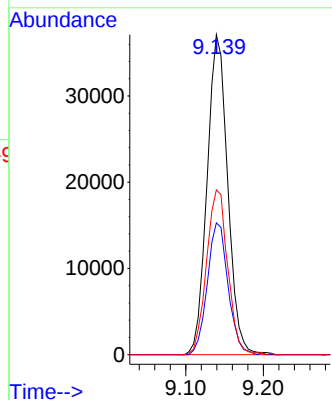
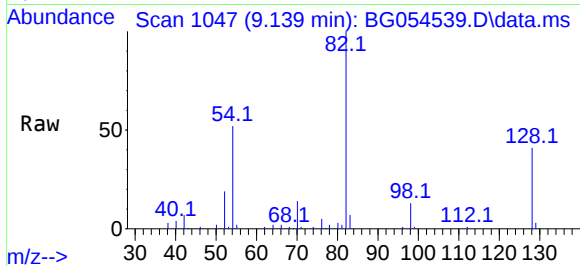
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Tgt Ion: 82 Resp: 6853
Ion Ratio Lower Upper
82 100
128 41.2 27.9 41.9
54 51.5 41.2 61.8

Manual Integrations

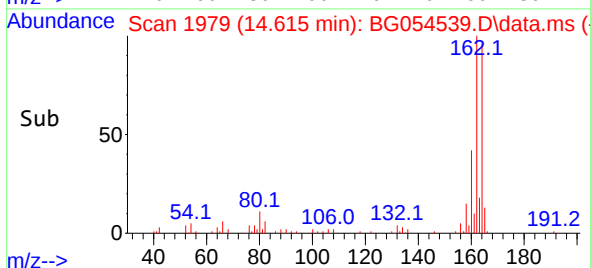
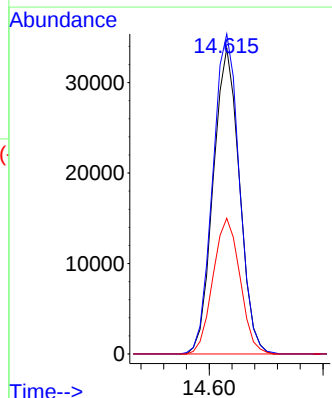
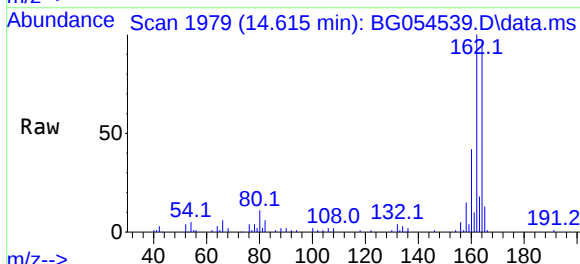
APPROVED

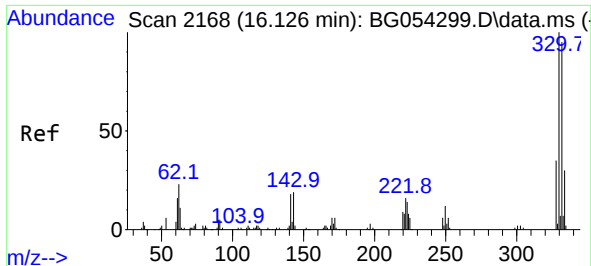
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34

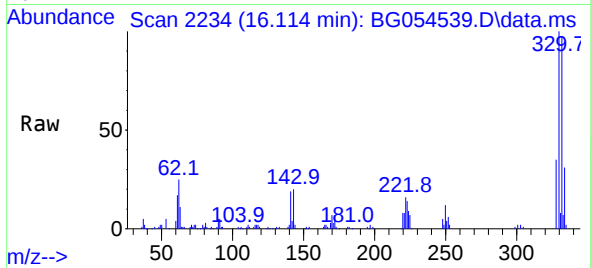
Tgt Ion:164 Resp: 54114
Ion Ratio Lower Upper
164 100
162 104.6 82.3 123.5
160 44.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 74.06 ng
RT: 16.114 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34

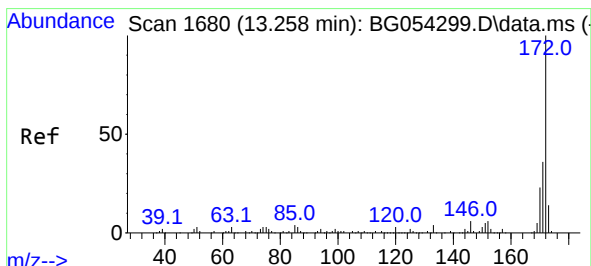
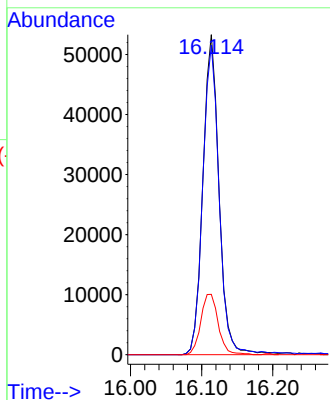
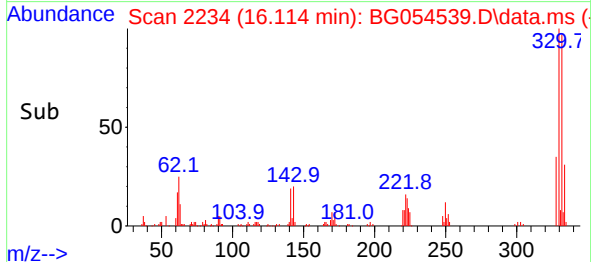
Instrument :
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ClientSampleId :
RVE-167



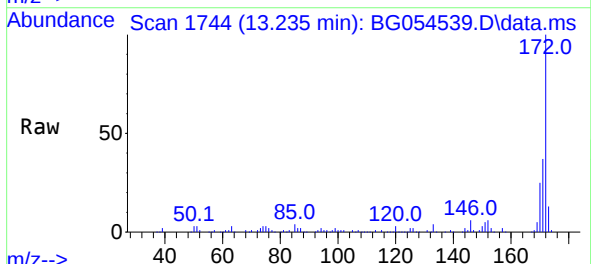
Tgt Ion:330 Resp: 84140
Ion Ratio Lower Upper
330 100
332 97.9 76.0 114.0
141 20.4 27.1 40.7

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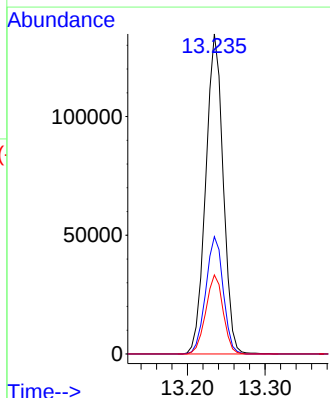
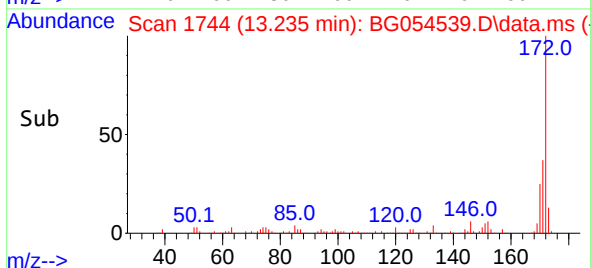
Reviewed By :Christian Giraldo 08/08/2022
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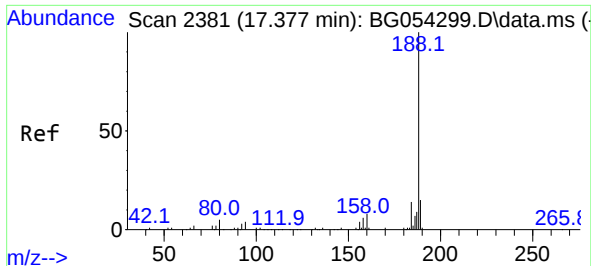


#45
2-Fluorobiphenyl
Concen: 54.88 ng
RT: 13.235 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34



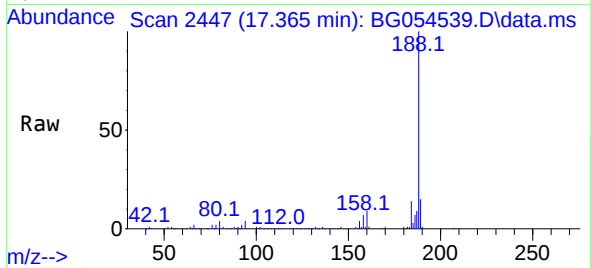
Tgt Ion:172 Resp: 210527
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.7 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.365 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34

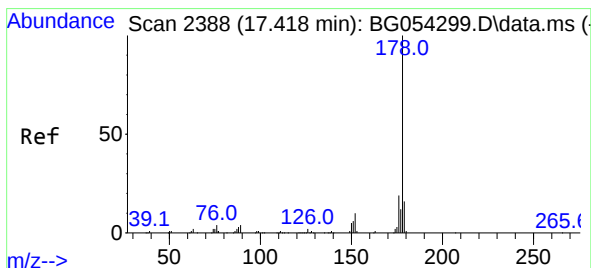
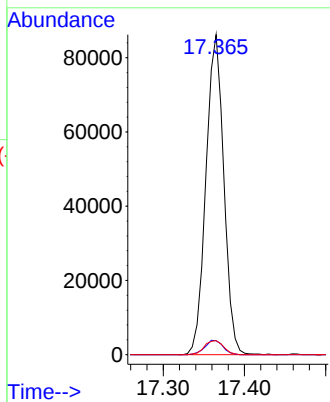
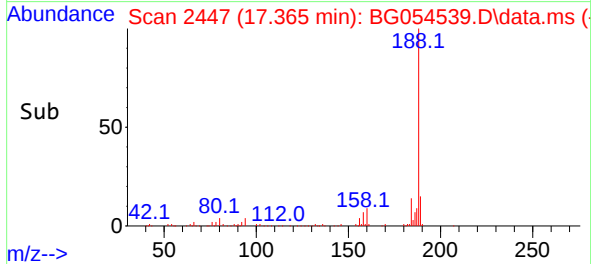
Instrument :
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ClientSampleId :
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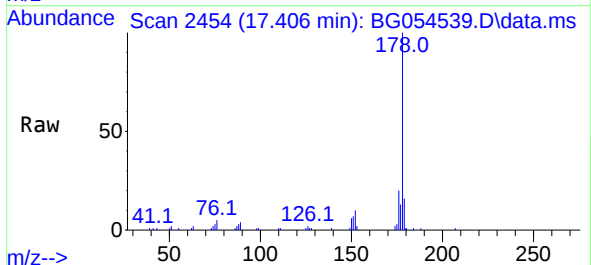
Tgt Ion:188 Resp: 13149
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0
80 4.4 6.8 10.2

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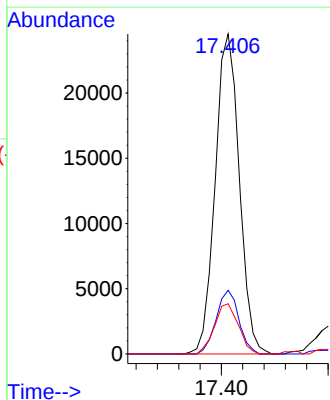
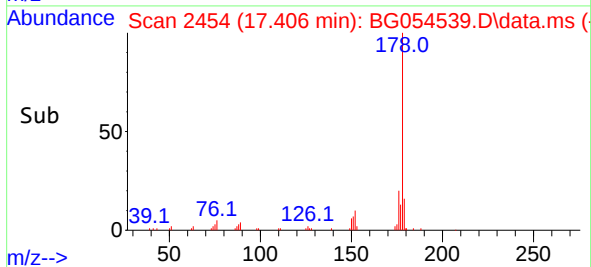
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

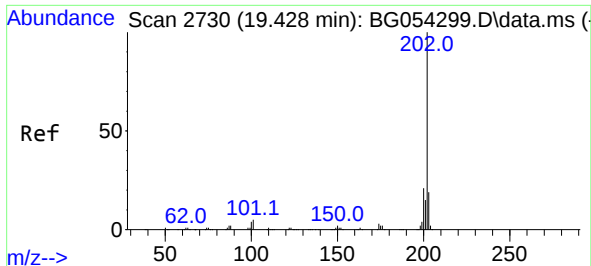


#71
Phenanthrene
Concen: 5.86 ng
RT: 17.406 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34



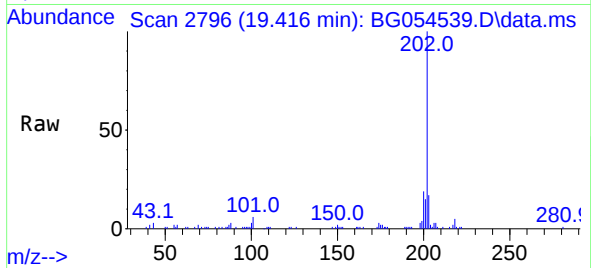
Tgt Ion:178 Resp: 38370
Ion Ratio Lower Upper
178 100
176 19.9 14.1 21.1
179 15.7 12.1 18.1





#75
Fluoranthene
Concen: 5.12 ng
RT: 19.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34

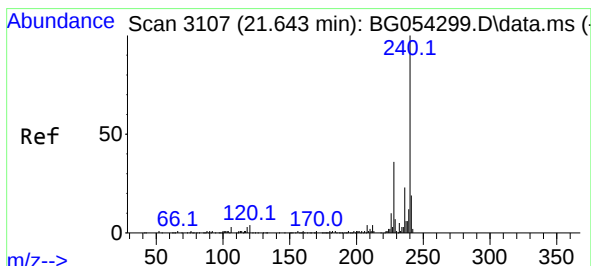
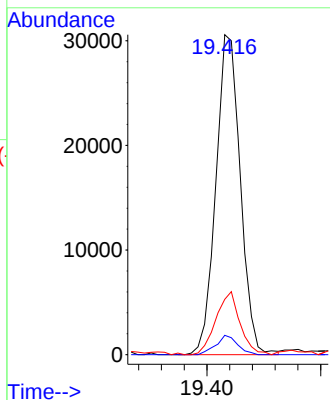
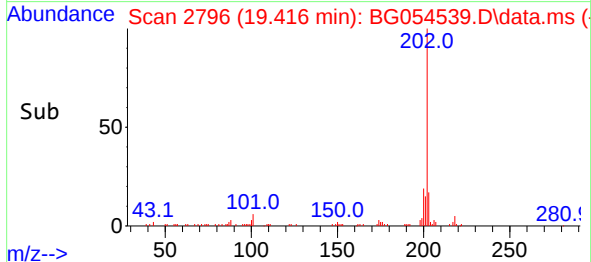
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Tgt Ion:202 Resp: 4568
Ion Ratio Lower Upper
202 100
101 6.0 0.0 26.9
203 17.3 0.0 37.2

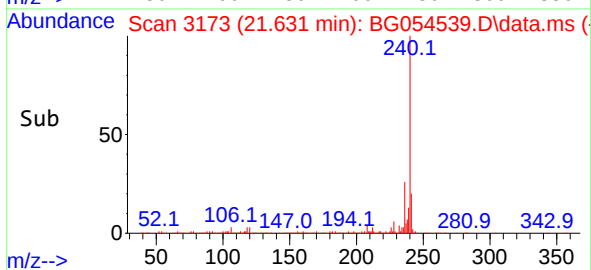
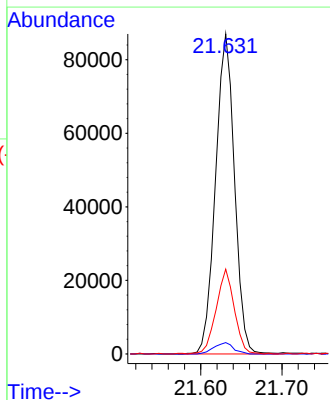
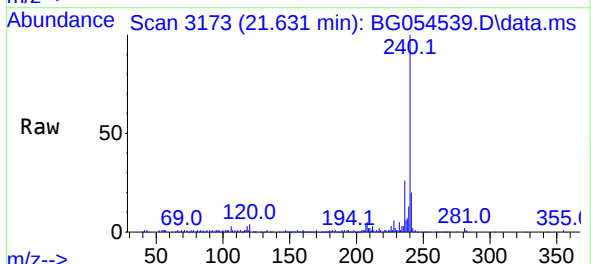
Manual Integrations
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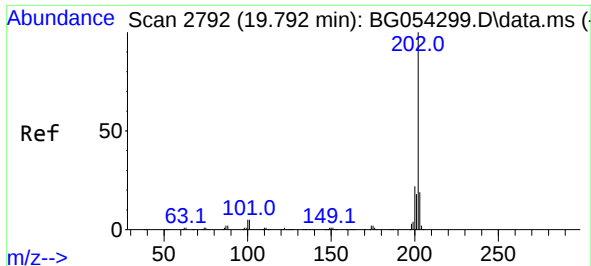
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34

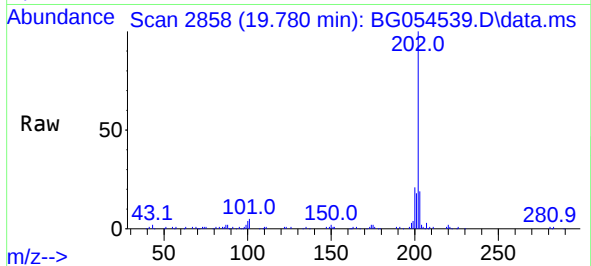
Tgt Ion:240 Resp: 141102
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 26.5 20.2 30.4





#78
 Pyrene
 Concen: 8.09 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054539.D
 Acq: 5 Aug 2022 17:34

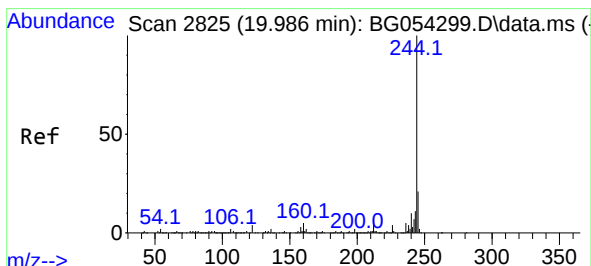
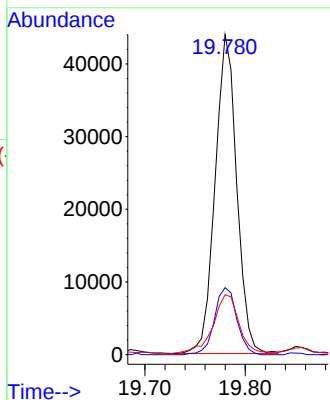
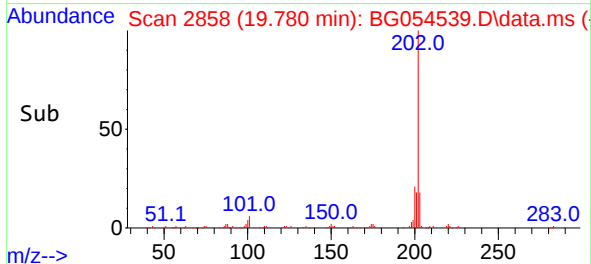
Instrument :
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Tgt Ion:202 Resp: 65485
 Ion Ratio Lower Upper
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 200 20.9 16.6 24.8
 203 18.8 14.6 21.8

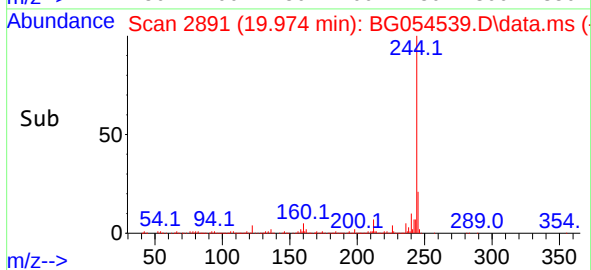
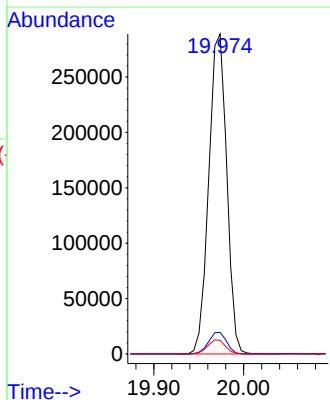
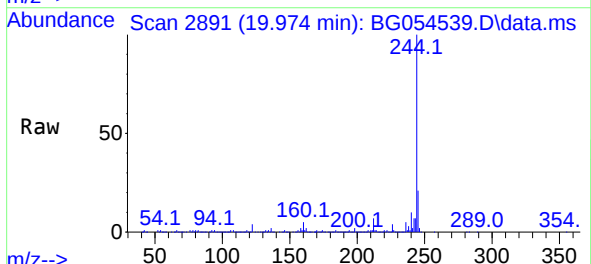
Manual Integrations
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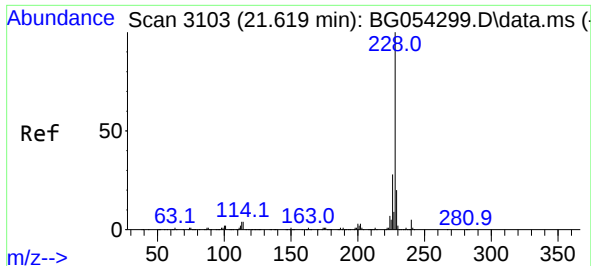
Reviewed By :Christian Giraldo 08/08/2022
 Supervised By :Jagrut Upadhyay 08/08/2022



#79
 Terphenyl-d14
 Concen: 56.45 ng
 RT: 19.974 min Scan# 2891
 Delta R.T. -0.006 min
 Lab File: BG054539.D
 Acq: 5 Aug 2022 17:34

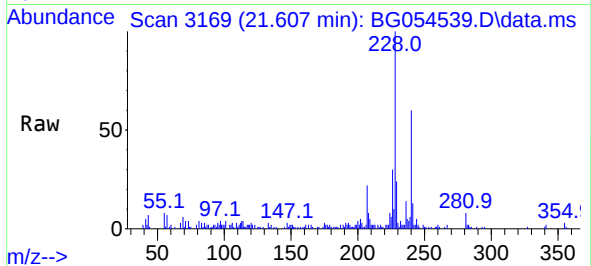
Tgt Ion:244 Resp: 401535
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 4.2 5.0 7.4#





#81
Benzo(a)anthracene
Concen: 3.32 ng m
RT: 21.607 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34

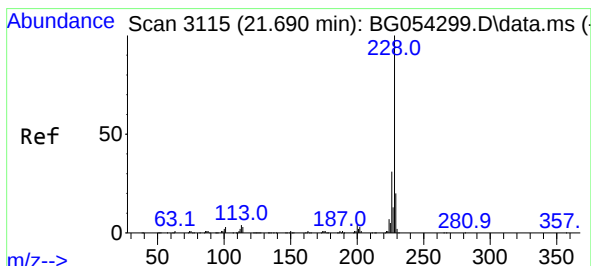
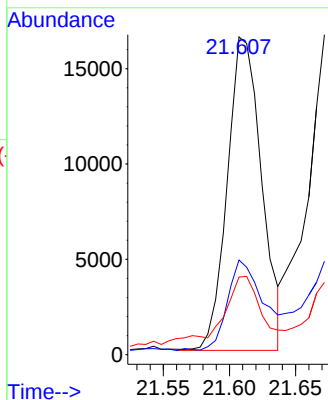
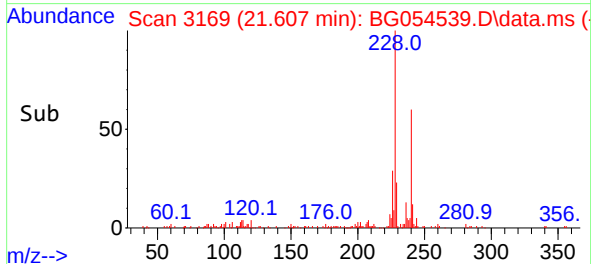
Instrument :
BNA_G
ClientSampleId :
RVE-167



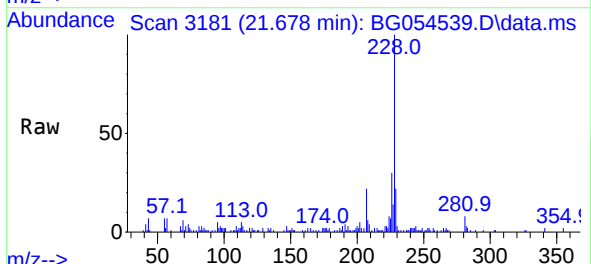
Tgt Ion:228 Resp: 2972
Ion Ratio Lower Upper
228 100
226 29.8 21.6 32.4
229 24.4 16.2 24.2

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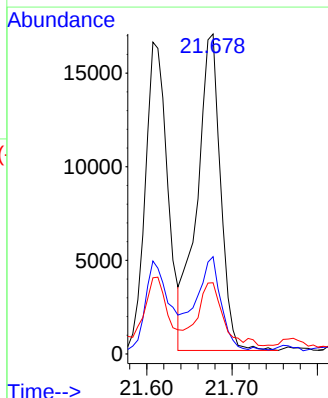
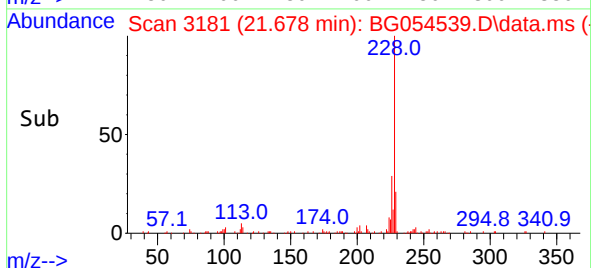
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

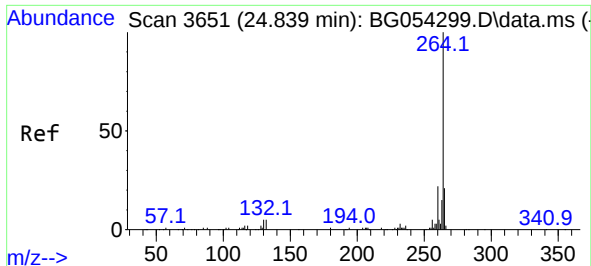


#83
Chrysene
Concen: 3.86 ng
RT: 21.678 min Scan# 3181
Delta R.T. -0.006 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34



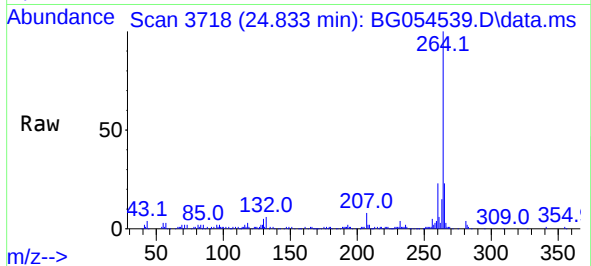
Tgt Ion:228 Resp: 32637
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.2
229 22.3 15.5 23.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.833 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34

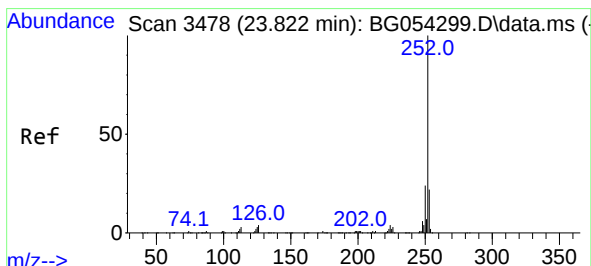
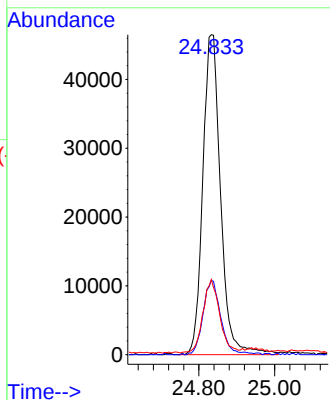
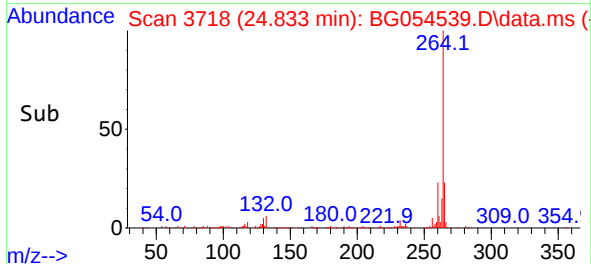
Instrument :
BNA_G
ClientSampleId :
RVE-167



Tgt Ion:264 Resp: 15111
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 23.4 17.4 26.2

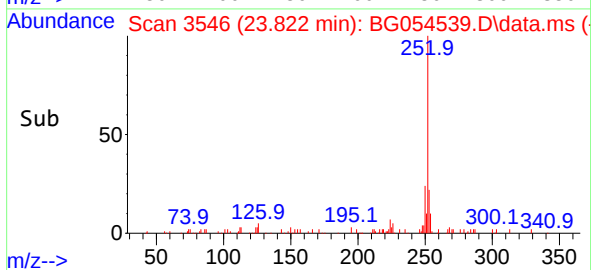
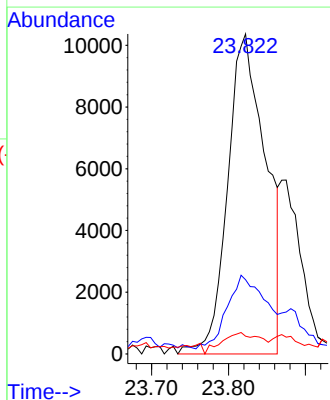
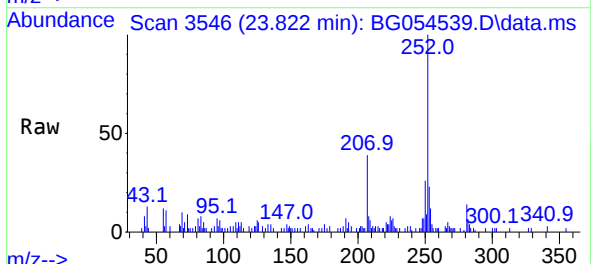
Manual Integrations
APPROVED

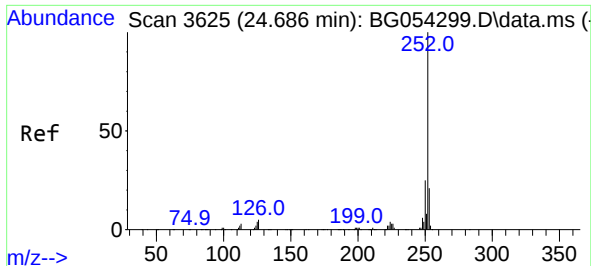
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#88
Benzo(b)fluoranthene
Concen: 3.98 ng m
RT: 23.822 min Scan# 3546
Delta R.T. -0.001 min
Lab File: BG054539.D
Acq: 5 Aug 2022 17:34

Tgt Ion:252 Resp: 35591
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 5.5 4.6 6.8





#90

Benzo(a)pyrene

Concen: 3.57 ng

RT: 24.686 min Scan# 30

Delta R.T. -0.001 min

Lab File: BG054539.D

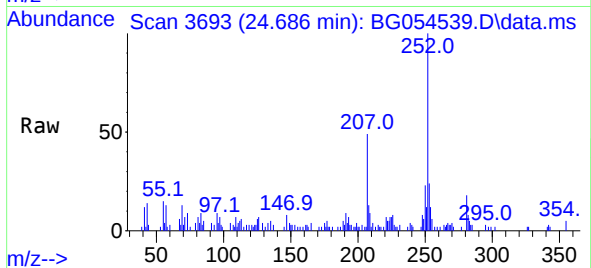
Acq: 5 Aug 2022 17:34

Instrument :

BNA_G

ClientSampleId :

RVE-167



Tgt Ion:	252	Resp:	2726
Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	6.1	4.3	6.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022

