

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
 Data File : BG054567.D
 Acq On : 9 Aug 2022 12:55
 Operator : CG/JU
 Sample : N3962-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-203

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 09 17:02:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	17861	20.000	ng	0.00
21) Naphthalene-d8	10.785	136	72743	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	58082	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	141719	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	153258	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	162900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	89772	104.940	ng	0.00
7) Phenol-d6	7.178	99	123432	105.300	ng	0.00
23) Nitrobenzene-d5	9.140	82	83563	62.557	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	112908	92.585	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	263320	63.955	ng	0.00
79) Terphenyl-d14	19.974	244	537030	69.514	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.422	202	37059	3.852	ng	96
78) Pyrene	19.780	202	56151	6.385	ng	99
81) Benzo(a)anthracene	21.614	228	27027	2.778	ng	97
83) Chrysene	21.672	228	31696m	3.448	ng	
88) Benzo(b)fluoranthene	23.823	252	38829	4.031	ng	93
90) Benzo(a)pyrene	24.681	252	32807	3.988	ng	# 96
92) Benzo(g,h,i)perylene	29.675	276	30944	3.077	ng	# 88

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

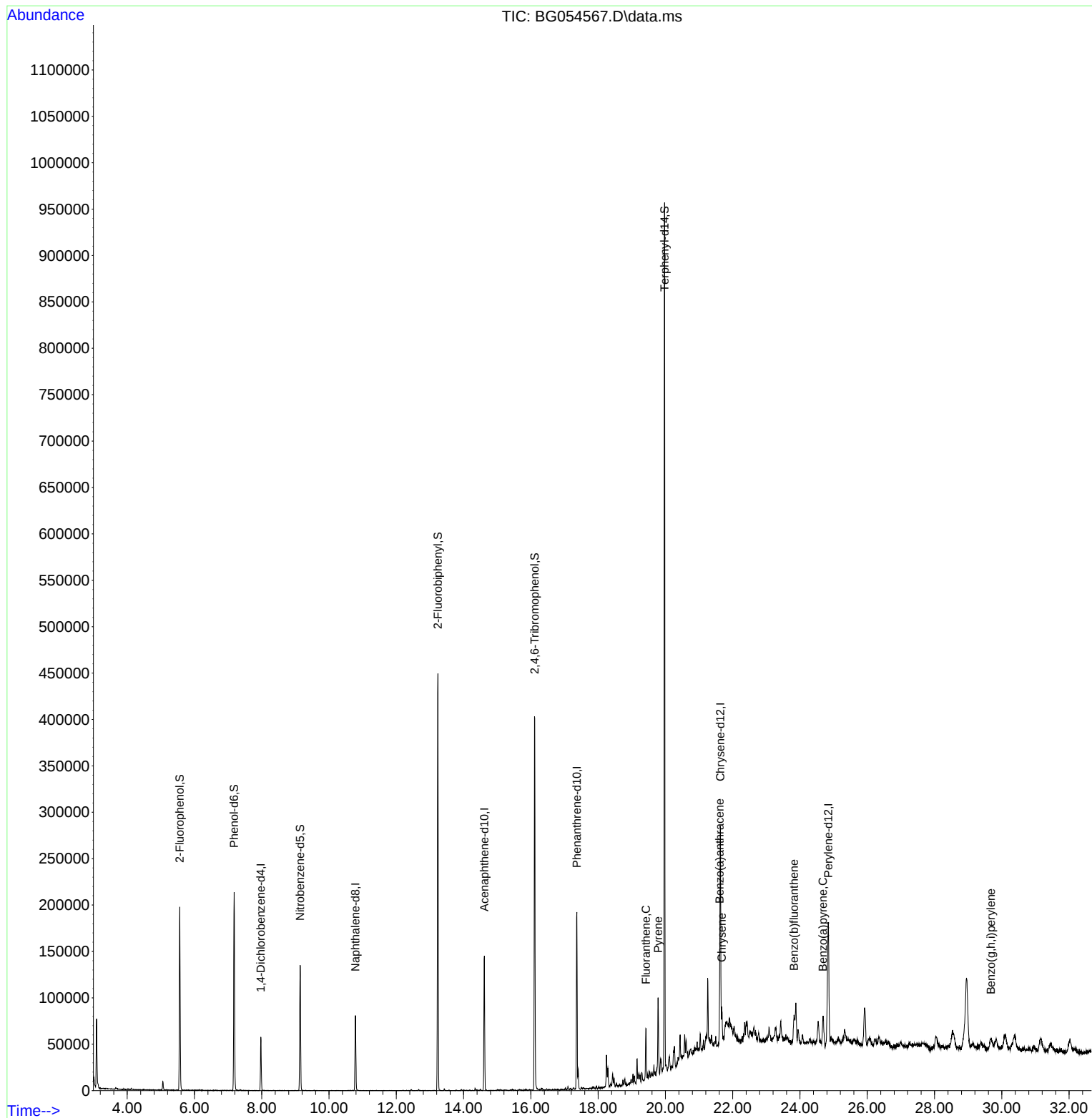
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
Data File : BG054567.D
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ALS Vial : 5 Sample Multiplier: 1

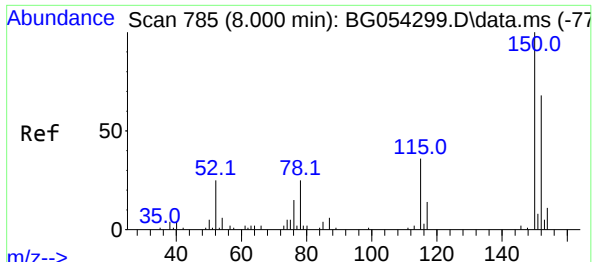
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Quant Time: Aug 09 17:02:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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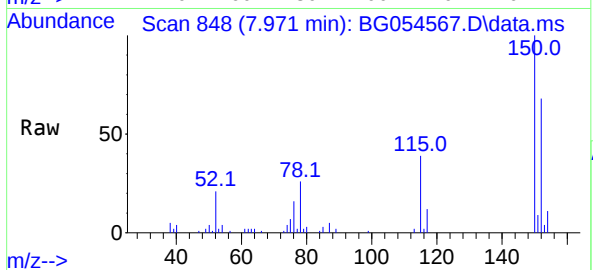
Reviewed By : Christian Giraldo 08/10/2022
Supervised By : Jagrut Upadhyay 08/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.971 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55

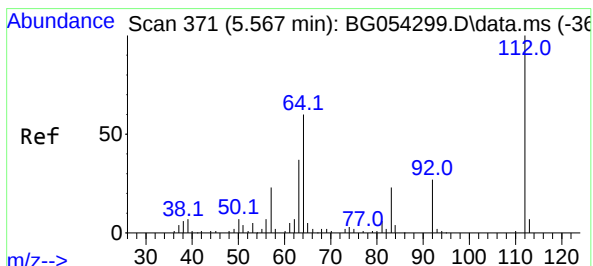
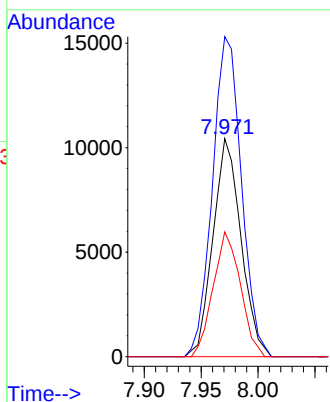
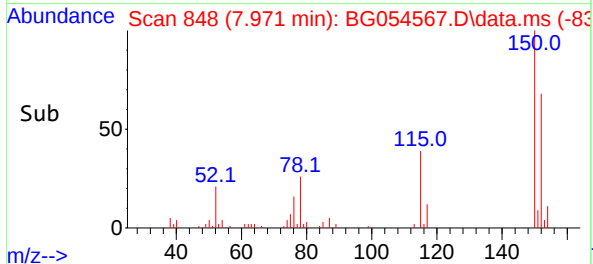
Instrument :
BNA_G
ClientSampleId :
RVE-203



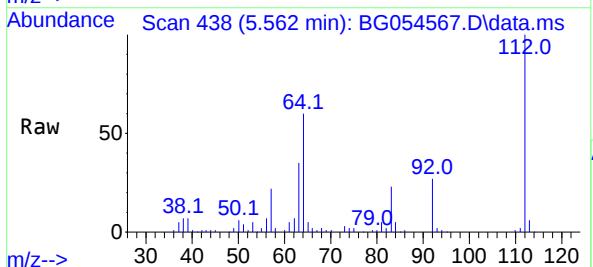
Tgt Ion:152 Resp: 1786
Ion Ratio Lower Upper
152 100
150 146.7 131.6 197.4
115 57.2 50.9 76.3

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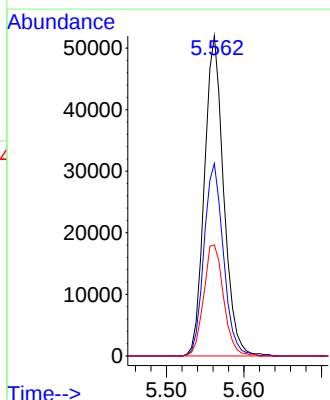
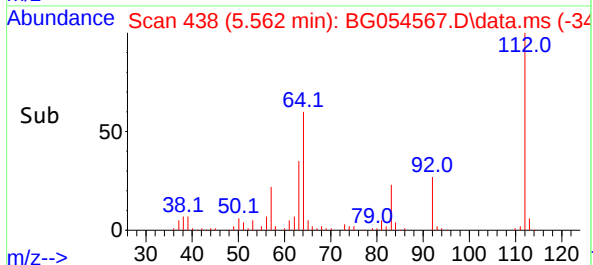
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Supervised By :Jagrut Upadhyay 08/10/2022

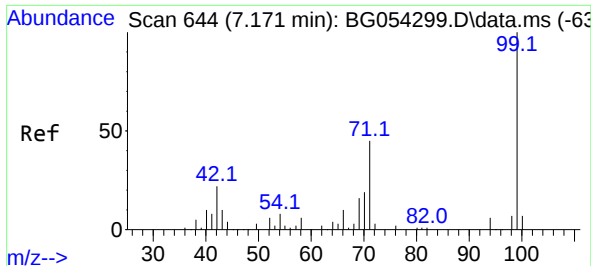


#5
2-Fluorophenol
Concen: 104.940 ng
RT: 5.562 min Scan# 438
Delta R.T. -0.002 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55



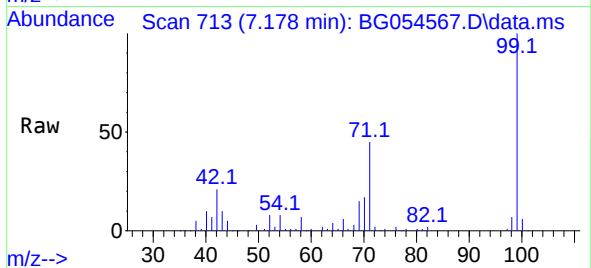
Tgt Ion:112 Resp: 89772
Ion Ratio Lower Upper
112 100
64 60.2 55.1 82.7
63 34.7 30.4 45.6





#7
Phenol-d6
Concen: 105.300 ng
RT: 7.178 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55

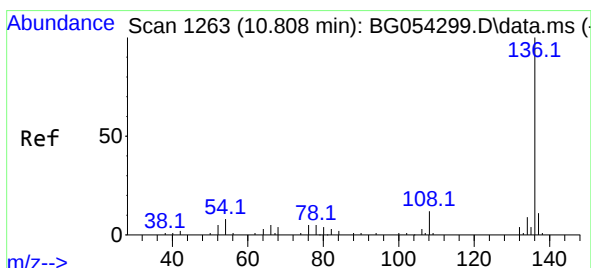
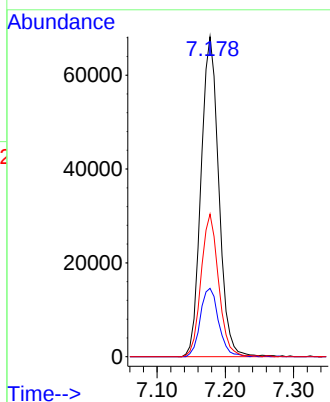
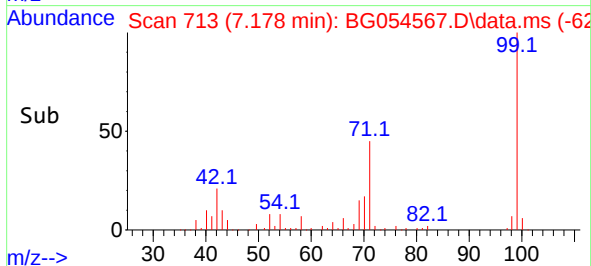
Instrument :
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ClientSampleId :
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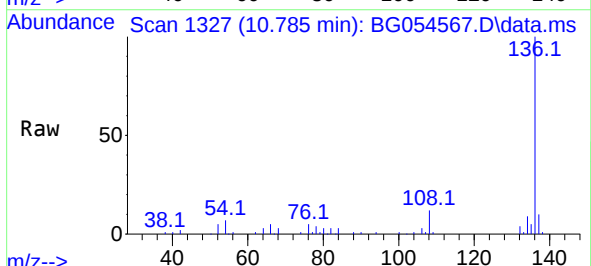
Tgt Ion: 99 Resp: 12343
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 44.6 33.8 50.8

Manual Integrations
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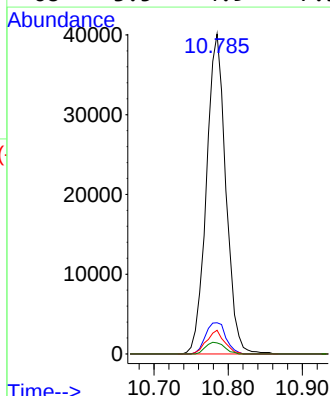
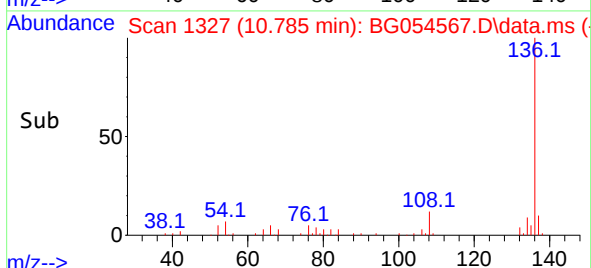
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

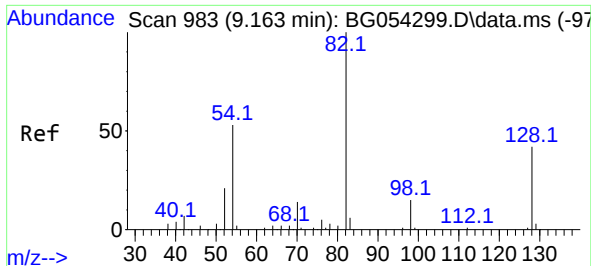


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55



Tgt Ion:136 Resp: 72743
Ion Ratio Lower Upper
136 100
137 9.8 8.5 12.7
54 7.4 7.4 11.2#
68 3.5 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 62.557 ng
RT: 9.140 min Scan# 10
Delta R.T. -0.002 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55

Instrument :

BNA_G

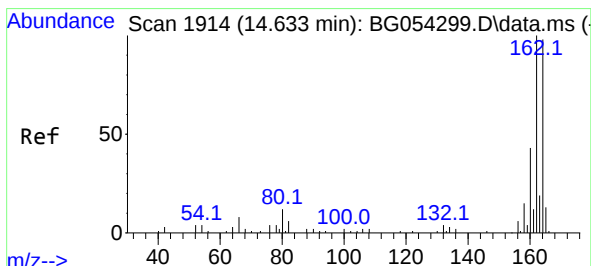
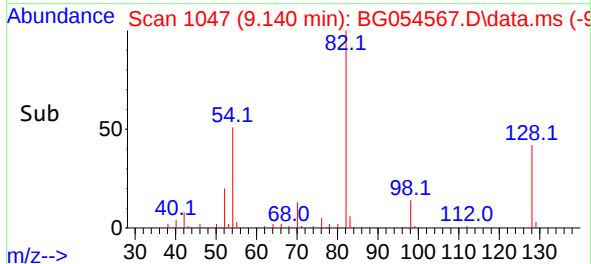
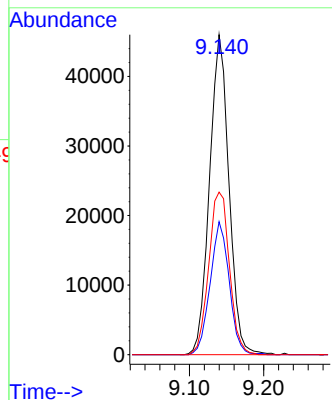
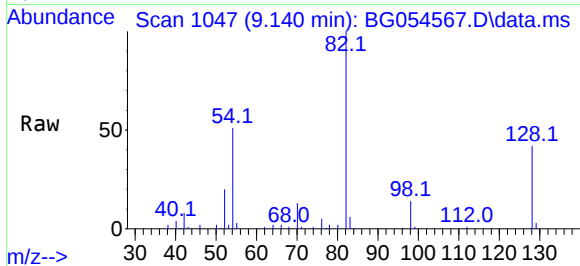
ClientSampleId :

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Tgt Ion: 82 Resp: 8356
Ion Ratio Lower Upper
82 100
128 41.5 27.9 41.9
54 50.8 41.2 61.8

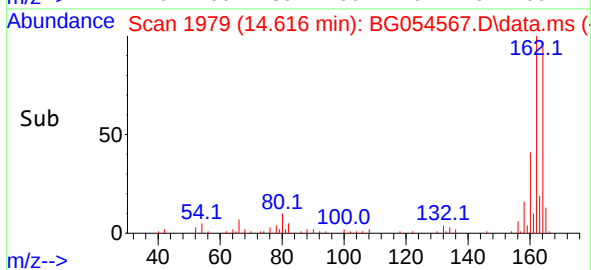
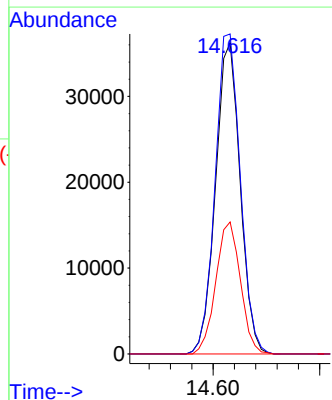
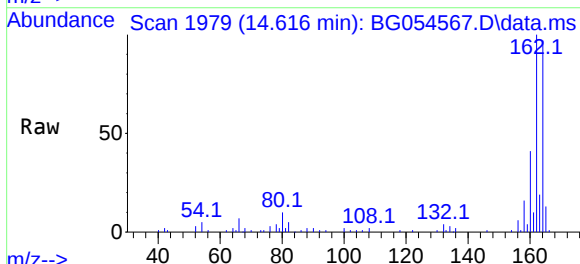
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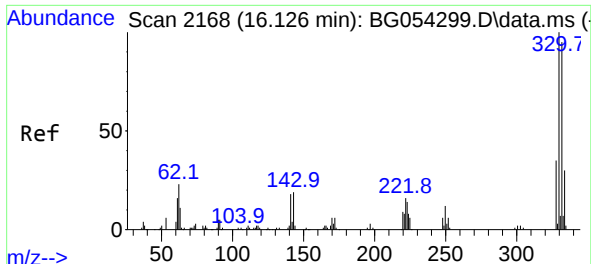
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1979
Delta R.T. -0.002 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55

Tgt Ion:164 Resp: 58082
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 42.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 92.585 ng
RT: 16.114 min Scan# 2168
Delta R.T. -0.002 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55

Instrument :

BNA_G

ClientSampleId :

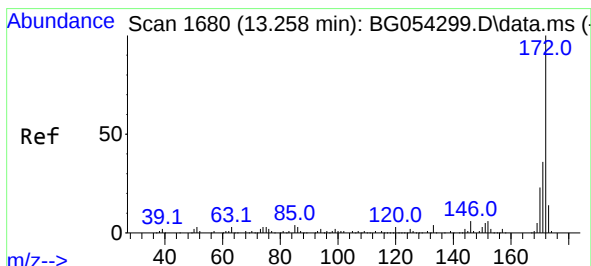
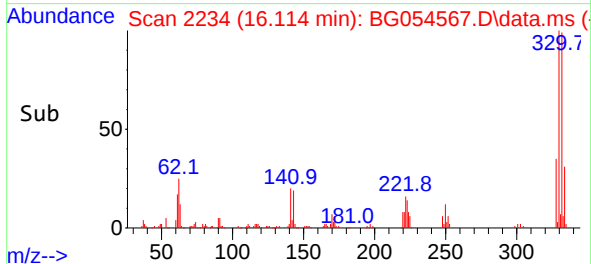
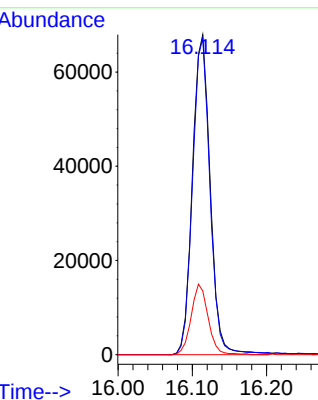
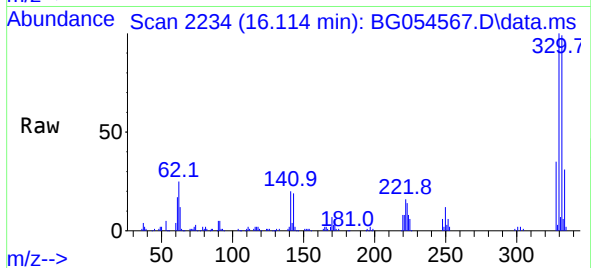
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Tgt Ion:330 Resp: 112908
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 21.1 27.1 40.7

Manual Integrations

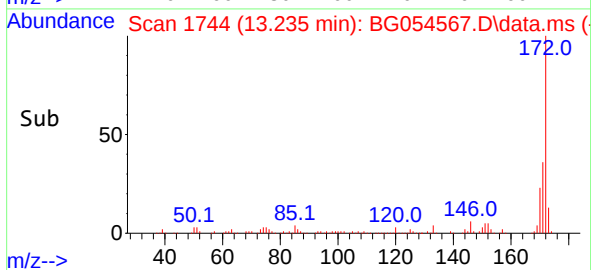
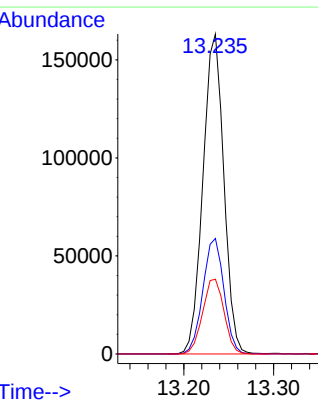
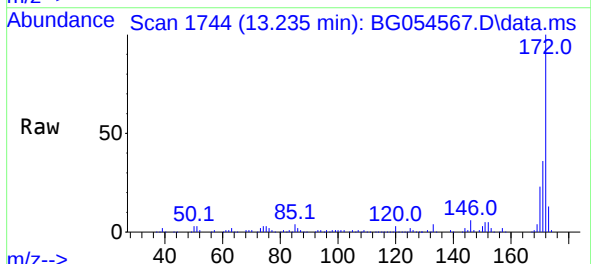
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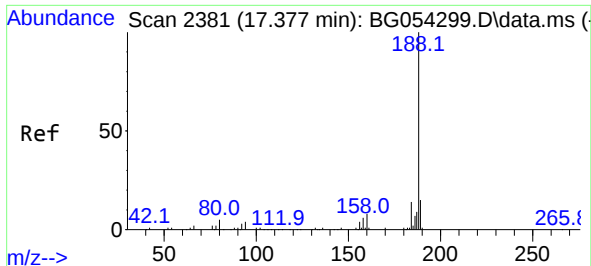
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#45
2-Fluorobiphenyl
Concen: 63.955 ng
RT: 13.235 min Scan# 1744
Delta R.T. -0.002 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55

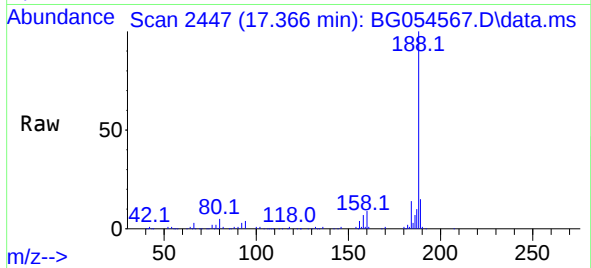
Tgt Ion:172 Resp: 263320
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.4 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 2447
Delta R.T. 0.004 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55

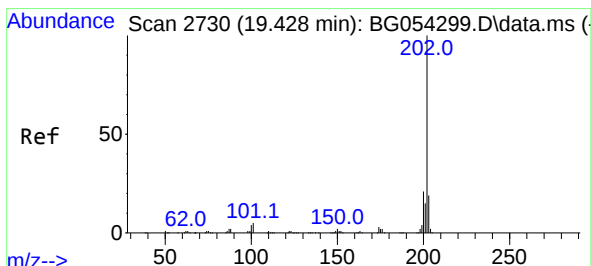
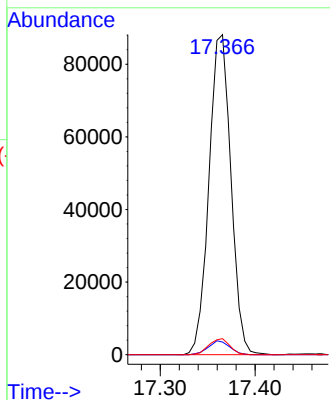
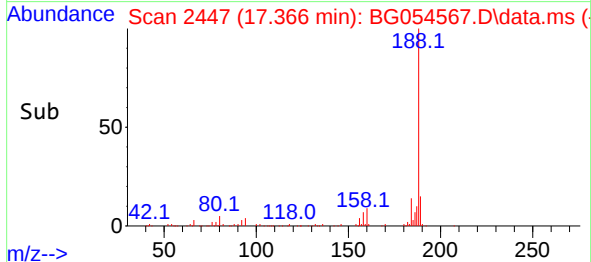
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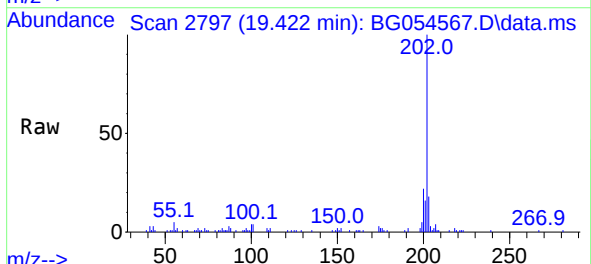
Tgt Ion:188 Resp: 141719
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0
80 5.0 6.8 10.2

Manual Integrations
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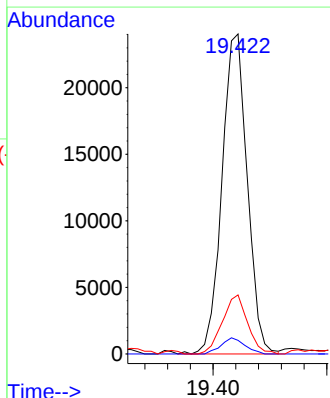
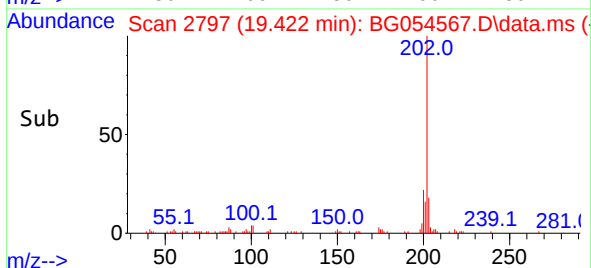
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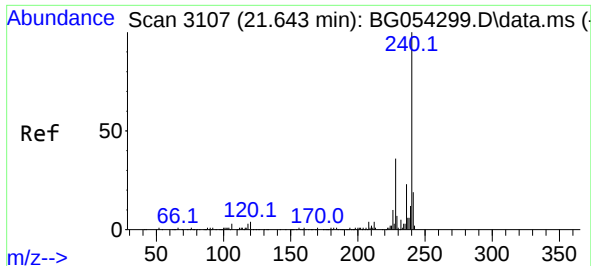


#75
Fluoranthene
Concen: 3.852 ng
RT: 19.422 min Scan# 2797
Delta R.T. 0.004 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55



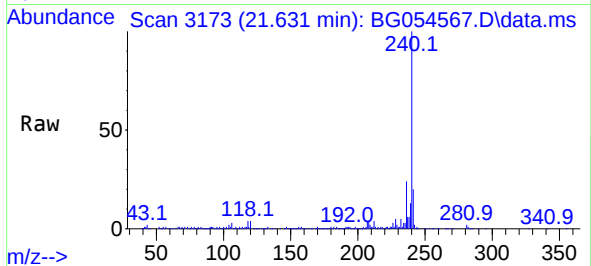
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Ion Ratio Lower Upper
202 100
101 4.2 0.0 26.9
203 18.5 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3107
Delta R.T. -0.002 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55

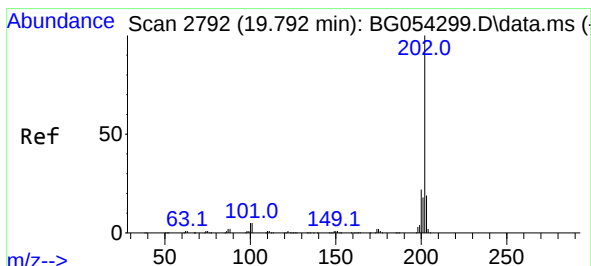
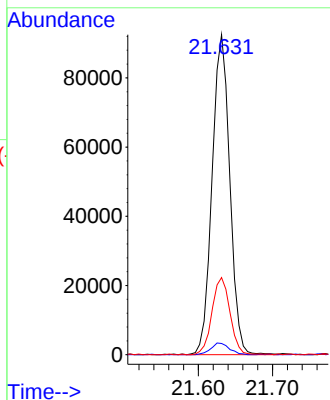
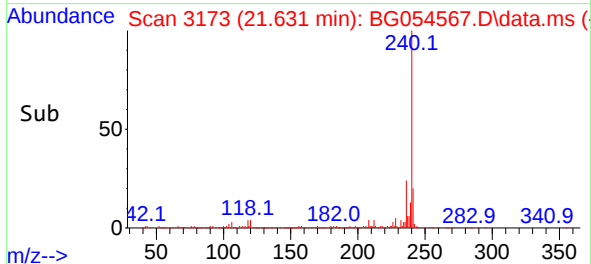
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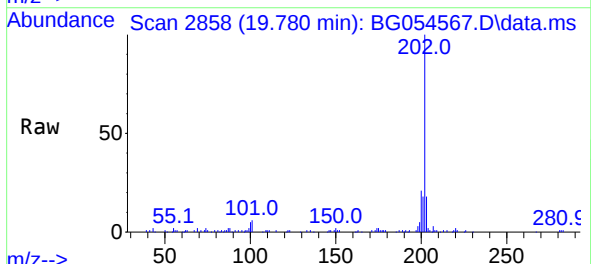
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Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0
236 24.1 20.2 30.4

Manual Integrations
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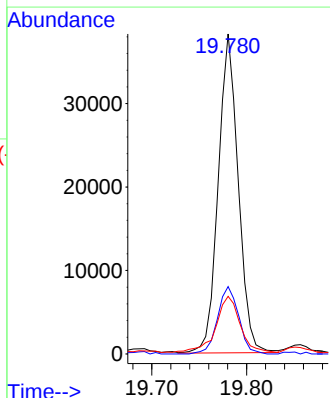
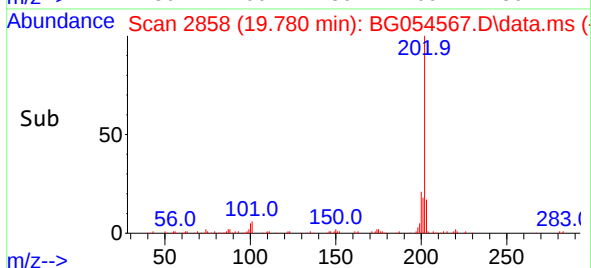
Reviewed By :Christian Giraldo 08/10/2022
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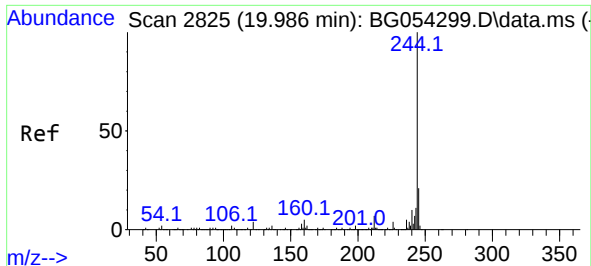


#78
Pyrene
Concen: 6.385 ng
RT: 19.780 min Scan# 2858
Delta R.T. -0.002 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55



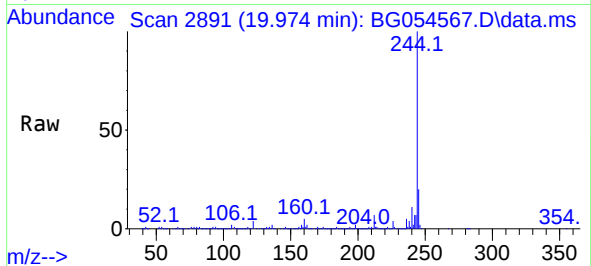
Tgt Ion:202 Resp: 56151
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 18.0 14.6 21.8





#79
Terphenyl-d14
Concen: 69.514 ng
RT: 19.974 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55

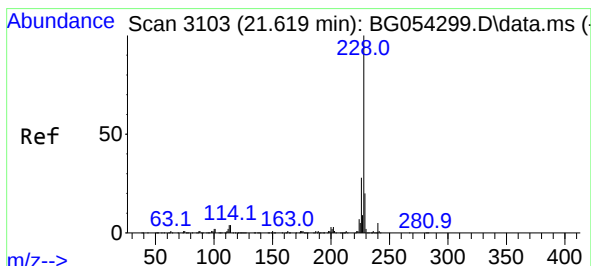
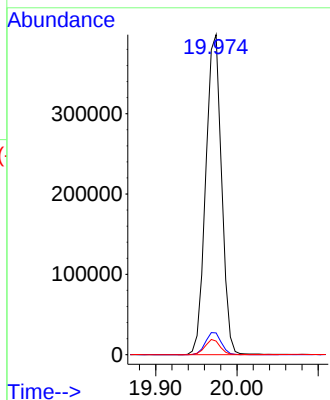
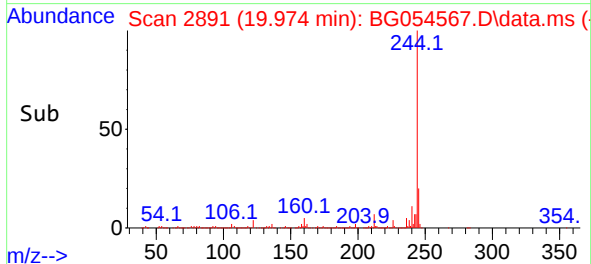
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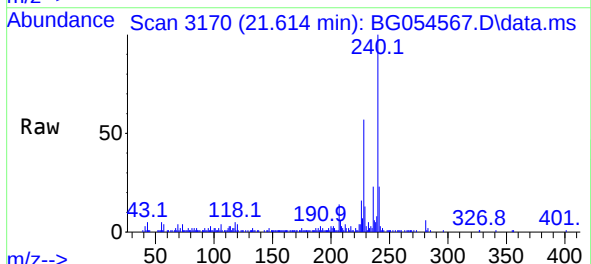
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Ion Ratio Lower Upper
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212 6.8 6.5 9.7
122 4.2 5.0 7.4

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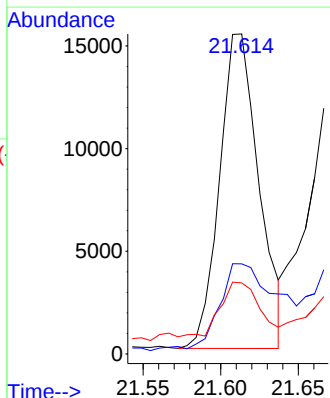
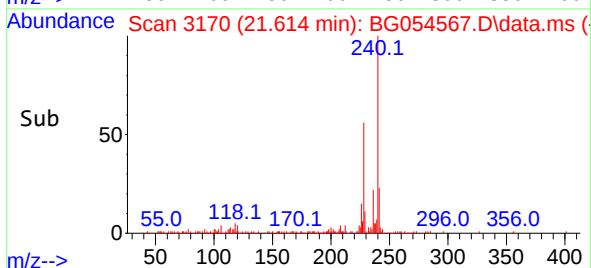
Reviewed By :Christian Giraldo 08/10/2022
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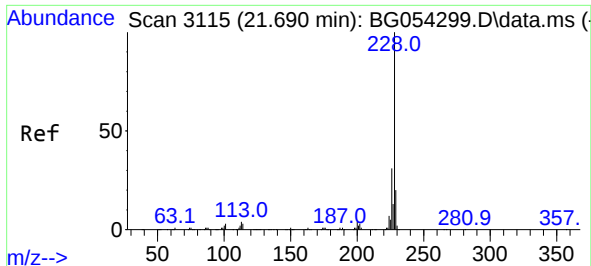


#81
Benzo(a)anthracene
Concen: 2.778 ng
RT: 21.614 min Scan# 3170
Delta R.T. -0.002 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55



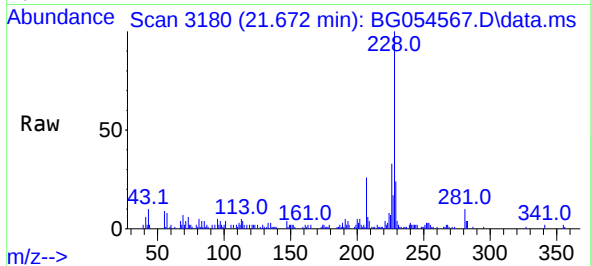
Tgt Ion:228 Resp: 27027
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 22.2 16.2 24.2





#83
Chrysene
Concen: 3.448 ng m
RT: 21.672 min Scan# 3115
Delta R.T. -0.008 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55

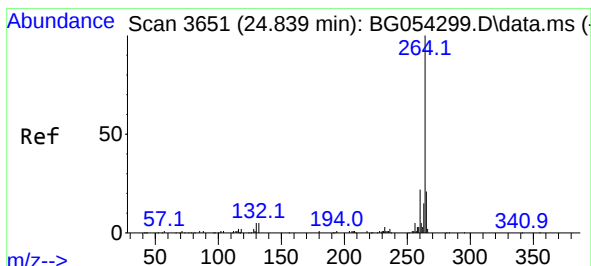
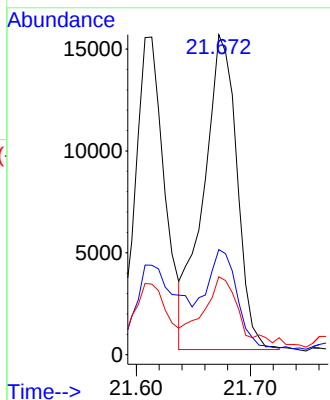
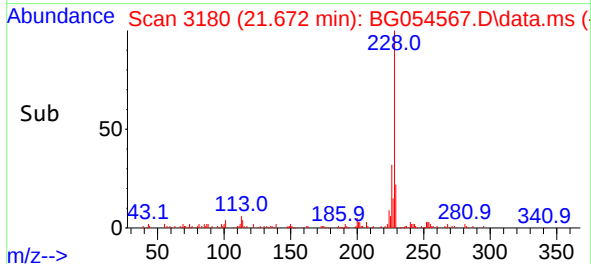
Instrument :
BNA_G
ClientSampleId :
RVE-203



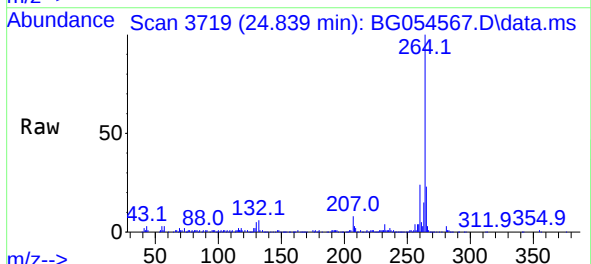
Tgt Ion:228 Resp: 31690
Ion Ratio Lower Upper
228 100
226 32.9 23.4 35.2
229 24.3 15.5 23.3

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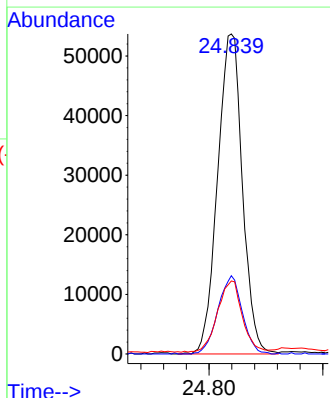
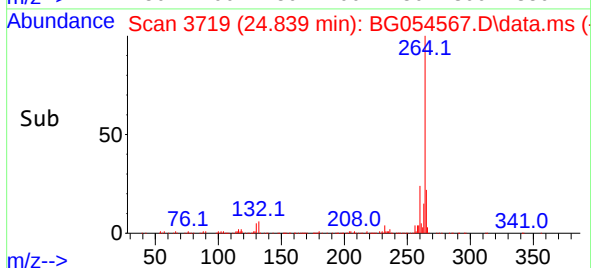
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

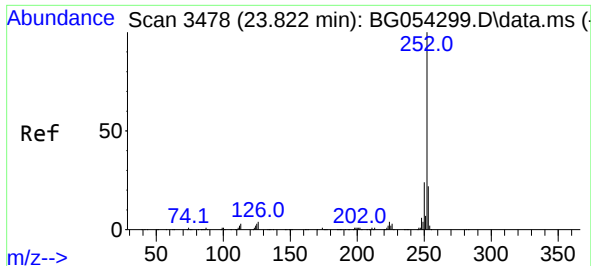


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.839 min Scan# 3719
Delta R.T. 0.004 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55



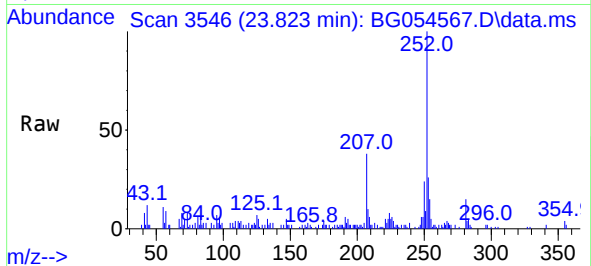
Tgt Ion:264 Resp: 162900
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 22.8 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 4.031 ng
RT: 23.823 min Scan# 30
Delta R.T. 0.004 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55

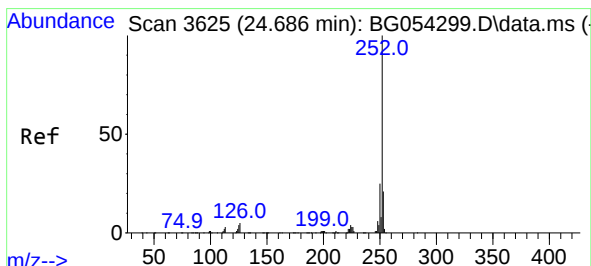
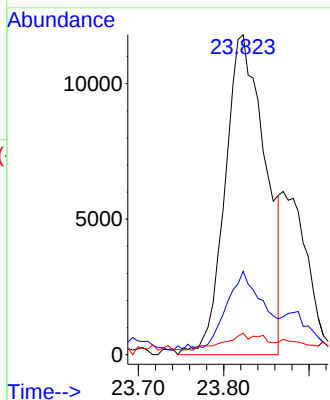
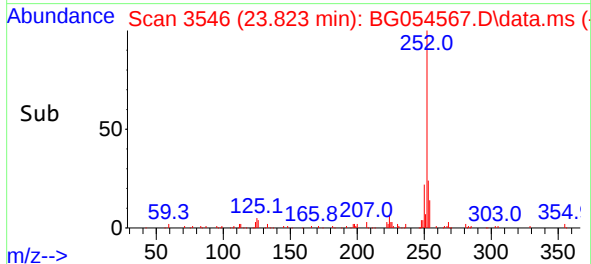
Instrument :
BNA_G
ClientSampleId :
RVE-203



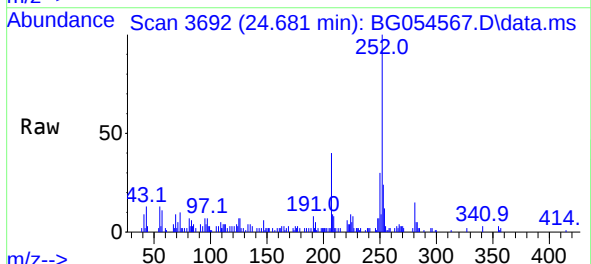
Tgt Ion:252 Resp: 38829
Ion Ratio Lower Upper
252 100
253 26.1 18.0 27.0
125 6.8 4.6 6.8

Manual Integrations
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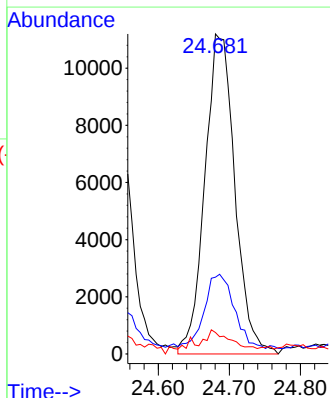
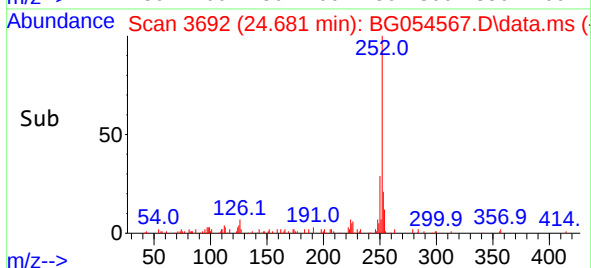
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

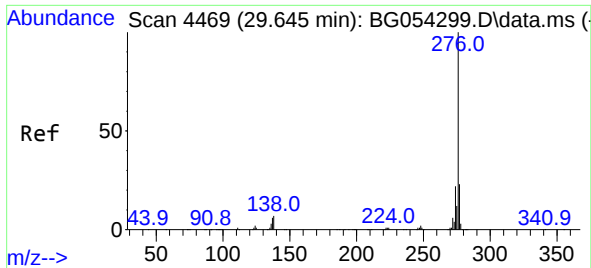


#90
Benzo(a)pyrene
Concen: 3.988 ng
RT: 24.681 min Scan# 3692
Delta R.T. -0.008 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55



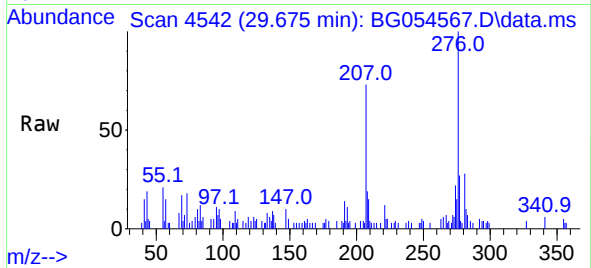
Tgt Ion:252 Resp: 32807
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 6.7 4.3 6.5#





#92
Benzo(g,h,i)perylene
Concen: 3.077 ng
RT: 29.675 min Scan# 4542
Delta R.T. -0.002 min
Lab File: BG054567.D
Acq: 9 Aug 2022 12:55

Instrument :
BNA_G
ClientSampleId :
RVE-203



Tgt Ion:276 Resp: 30944
Ion Ratio Lower Upper
276 100
277 26.9 17.3 25.9
138 6.6 9.6 14.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

