

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
 Data File : BG054437.D
 Acq On : 28 Jul 2022 18:33
 Operator : CG/JU
 Sample : N3893-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-6

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/29/2022
 Supervised By : Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 04:09:24 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	7.983	152	19328	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	72557	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	53545	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	128434	20.000	ng	# 0.00
76) Chrysene-d12	21.632	240	143757	20.000	ng	# 0.00
86) Perylene-d12	24.840	264	148129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	103105	111.378	ng	0.00
7) Phenol-d6	7.178	99	138086	108.860	ng	0.00
23) Nitrobenzene-d5	9.152	82	93334	70.051	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	115976	103.159	ng	0.00
45) 2-Fluorobiphenyl	13.242	172	278371	73.339	ng	0.00
79) Terphenyl-d14	19.975	244	527827	72.838	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.413	178	22400	3.502	ng	99
75) Fluoranthene	19.423	202	56898	6.526	ng	95
78) Pyrene	19.781	202	80246	9.728	ng	97
81) Benzo(a)anthracene	21.614	228	39423	4.320	ng	92
83) Chrysene	21.679	228	54092	6.274	ng	# 95
88) Benzo(b)fluoranthene	23.829	252	65706m	7.501	ng	
90) Benzo(a)pyrene	24.687	252	46247	6.182	ng	94
92) Benzo(g,h,i)perylene	29.664	276	31788	3.476	ng	# 90

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

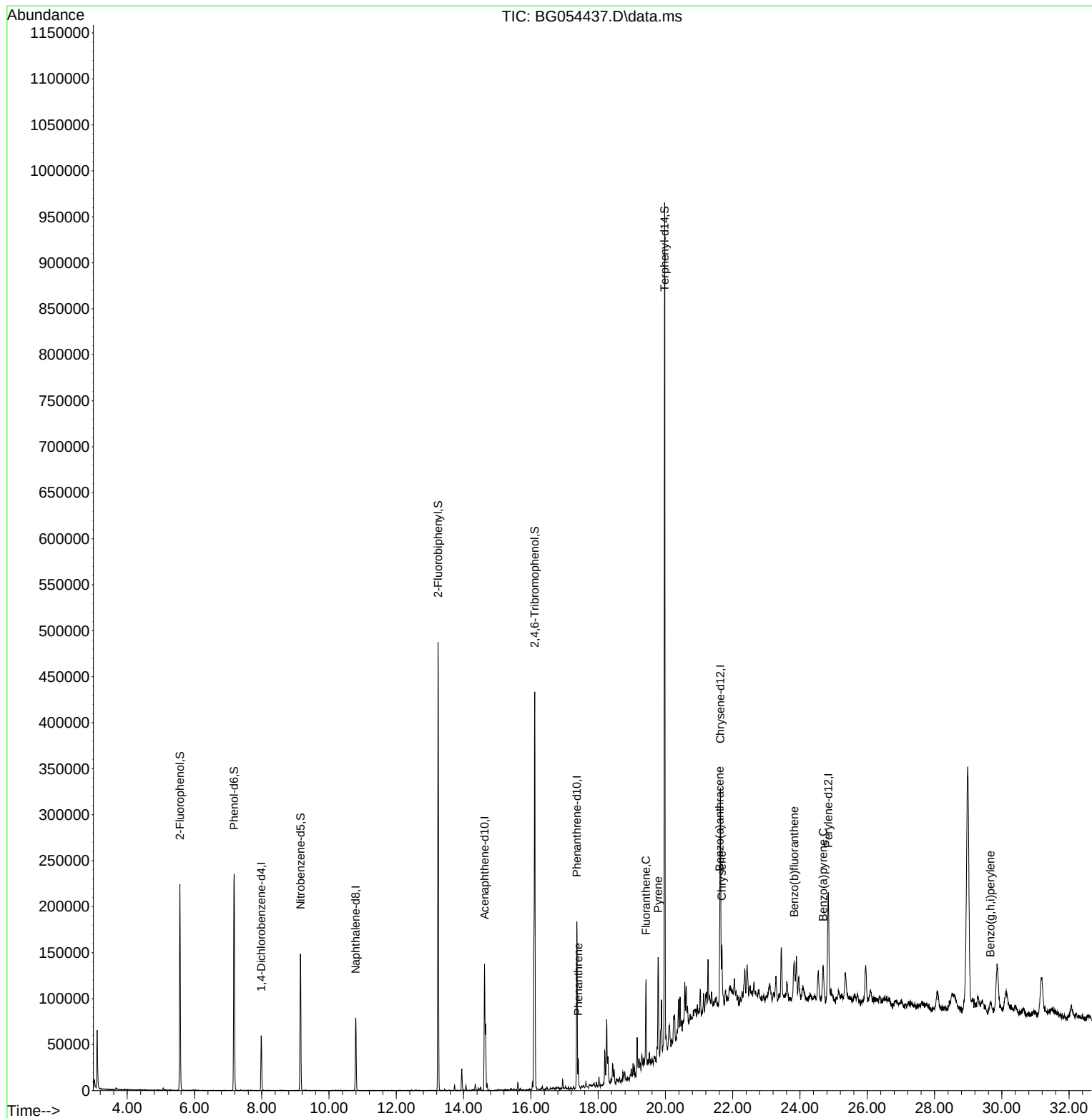
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
Data File : BG054437.D
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Sample : N3893-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

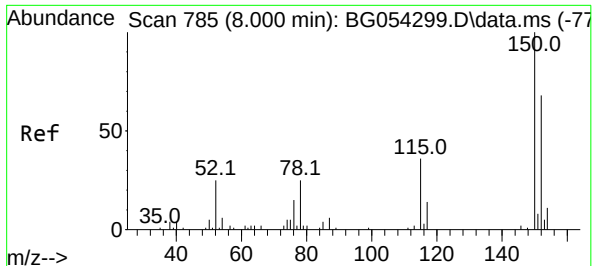
Instrument :
BNA_G
ClientSampleId :
RVE-6

Quant Time: Jul 29 04:09:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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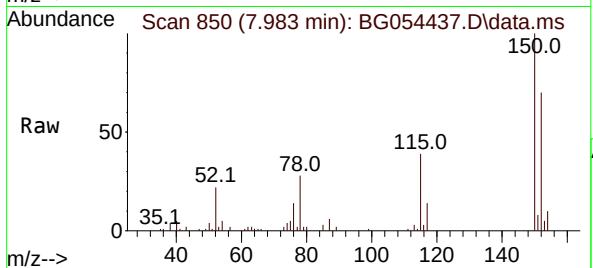
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Supervised By :Jagrut Upadhyay 07/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.983 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

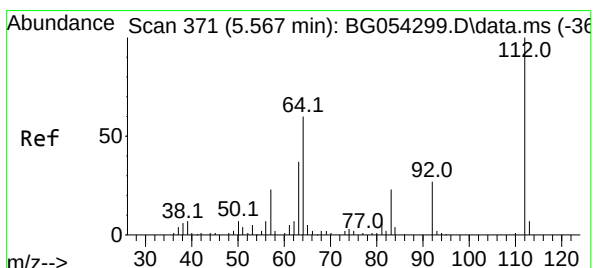
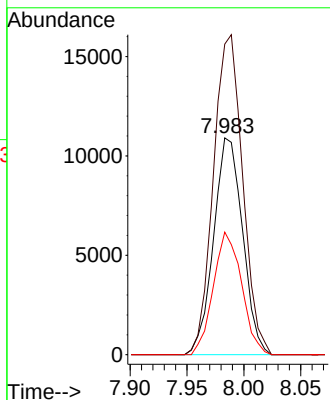
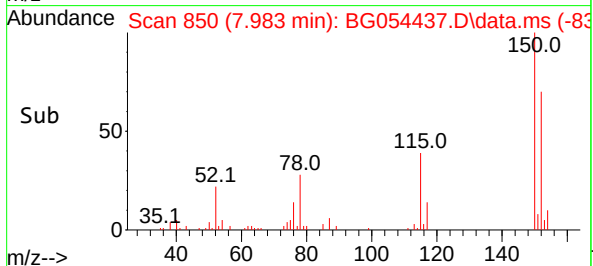
Instrument :
BNA_G
ClientSampleId :
RVE-6



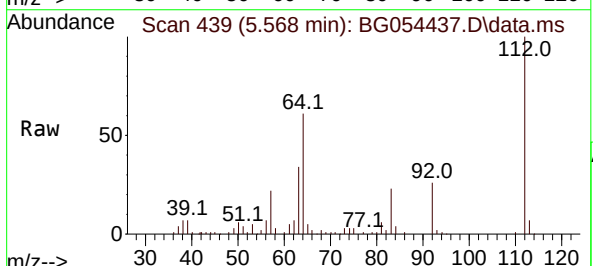
Tgt Ion:152 Resp: 19328
Ion Ratio Lower Upper
152 100
150 143.2 131.6 197.4
115 56.5 50.9 76.3

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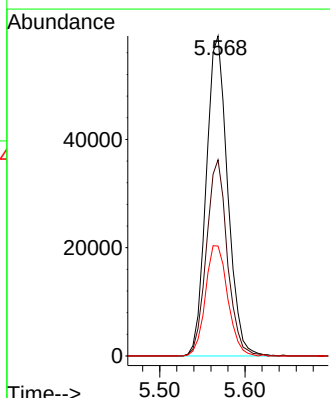
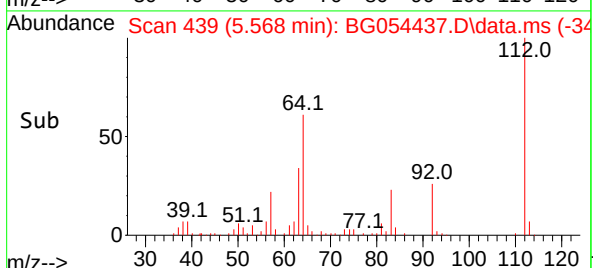
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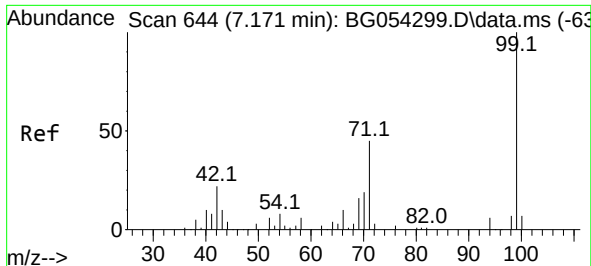


#5
2-Fluorophenol
Concen: 111.378 ng
RT: 5.568 min Scan# 439
Delta R.T. 0.007 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33



Tgt Ion:112 Resp: 103105
Ion Ratio Lower Upper
112 100
64 61.3 55.1 82.7
63 34.3 30.4 45.6





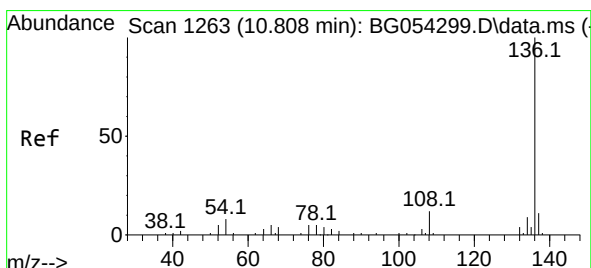
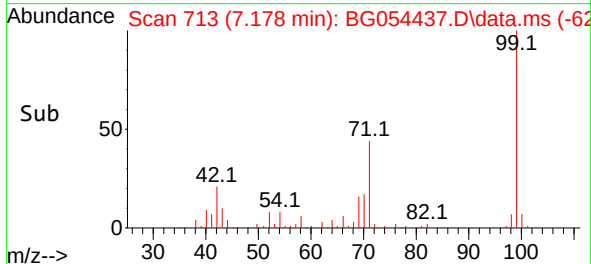
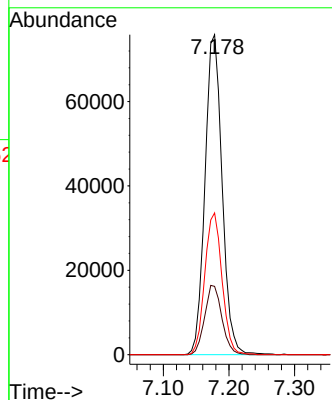
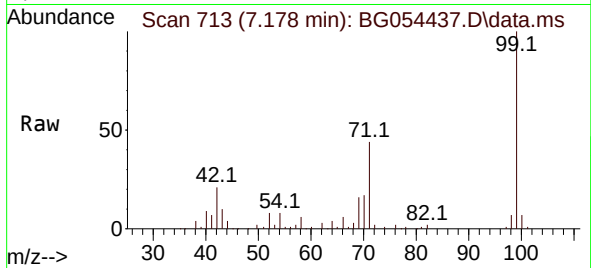
#7
Phenol-d6
Concen: 108.860 ng
RT: 7.178 min Scan# 71
Delta R.T. 0.007 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Instrument :
BNA_G
ClientSampleId :
RVE-6

Tgt Ion: 99 Resp: 13808
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 44.3 33.8 50.8

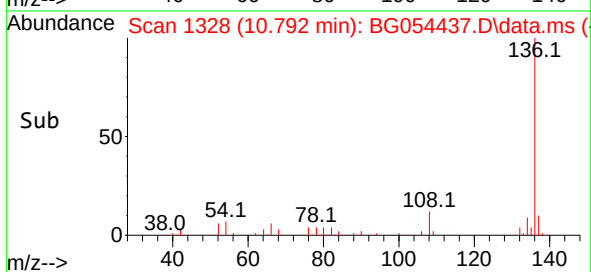
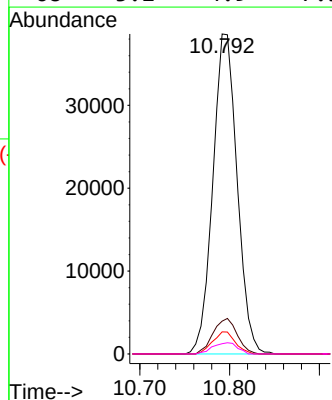
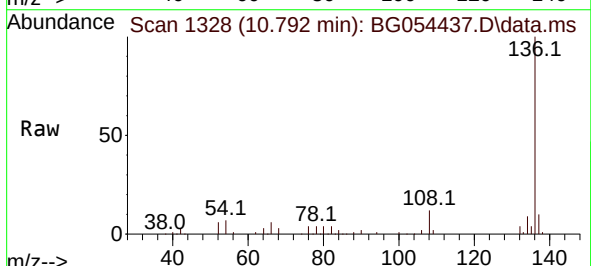
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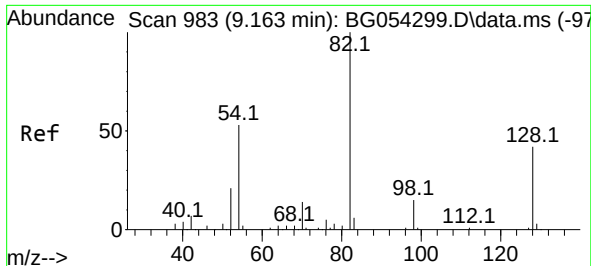
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1328
Delta R.T. -0.005 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Tgt Ion:136 Resp: 72557
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 6.9 7.4 11.2#
68 3.2 4.9 7.3#





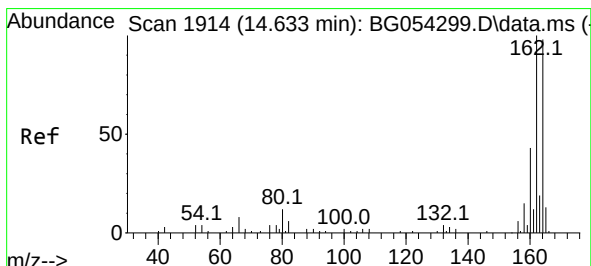
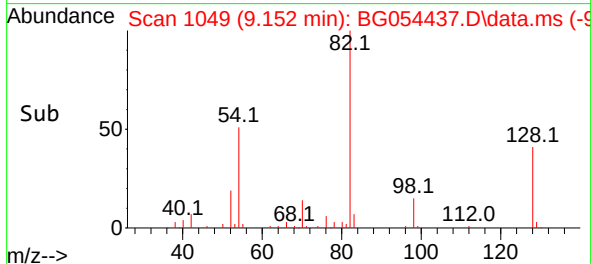
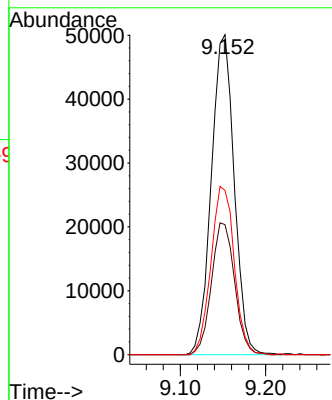
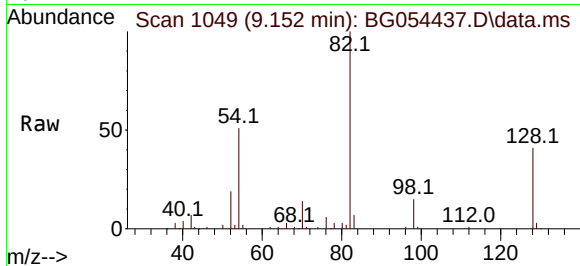
#23
Nitrobenzene-d5
Concen: 70.051 ng
RT: 9.152 min Scan# 1049
Delta R.T. 0.001 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Instrument :
BNA_G
ClientSampleId :
RVE-6

Tgt Ion: 82 Resp: 93334
Ion Ratio Lower Upper
82 100
128 40.6 27.9 41.9
54 51.3 41.2 61.8

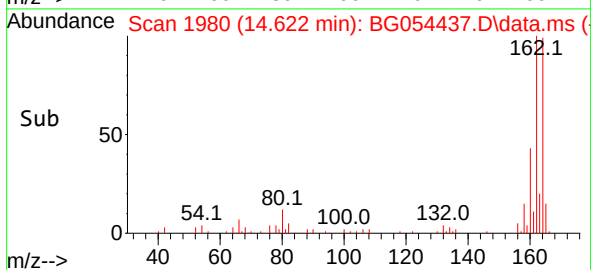
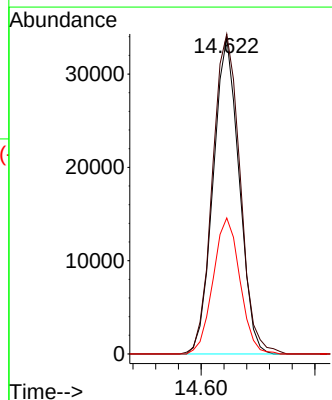
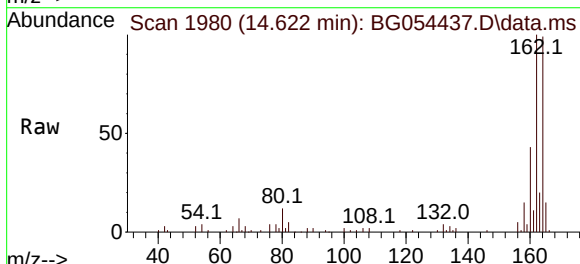
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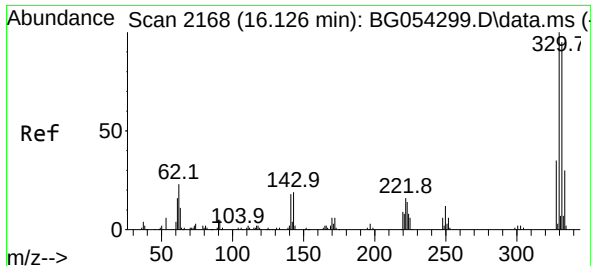
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.001 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Tgt Ion:164 Resp: 53545
Ion Ratio Lower Upper
164 100
162 101.1 82.3 123.5
160 43.0 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 103.159 ng
RT: 16.115 min Scan# 2168
Delta R.T. 0.001 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Instrument :

BNA_G

ClientSampleId :

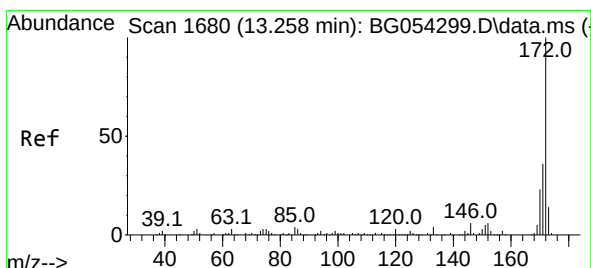
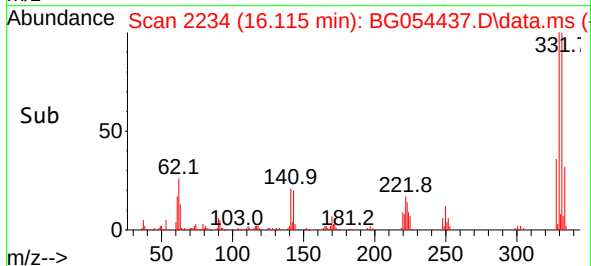
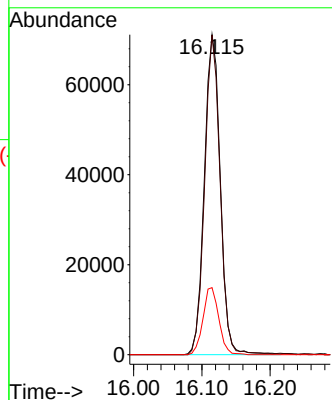
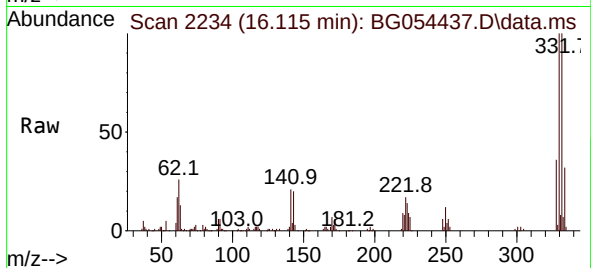
RVE-6

Tgt Ion:330 Resp: 115970
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 20.7 27.1 40.7

Manual Integrations

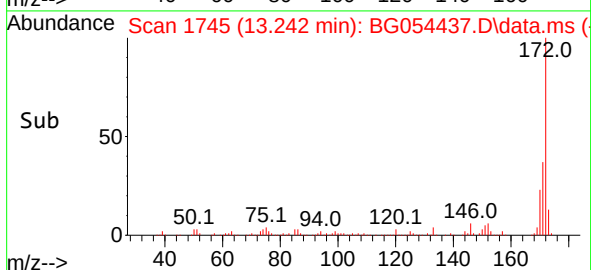
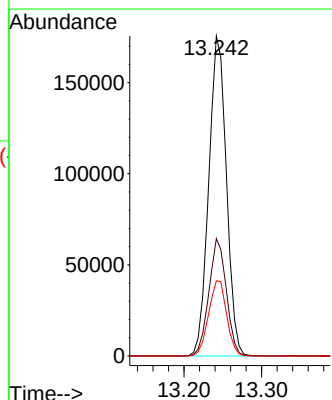
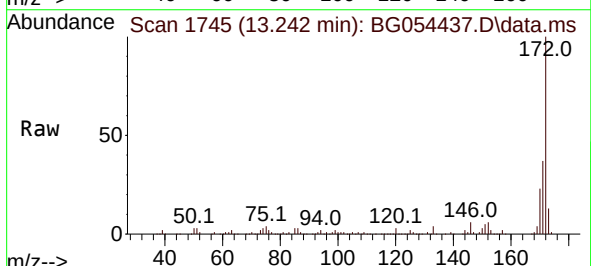
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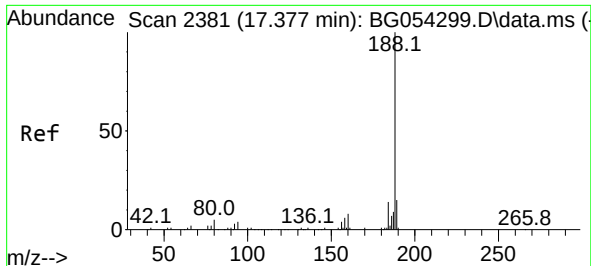
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#45
2-Fluorobiphenyl
Concen: 73.339 ng
RT: 13.242 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Tgt Ion:172 Resp: 278371
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 23.5 18.9 28.3





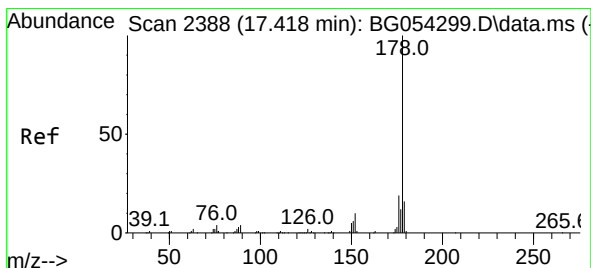
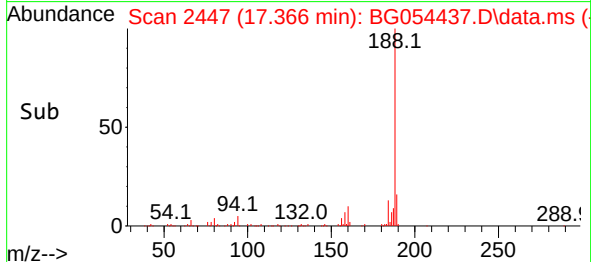
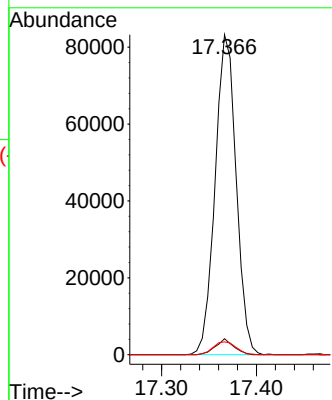
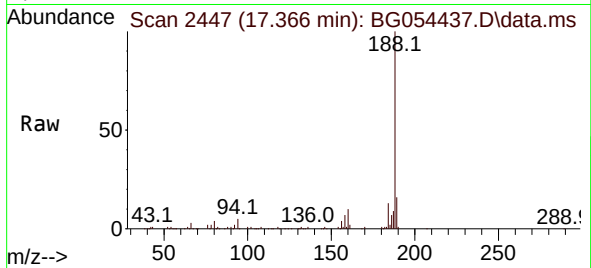
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Instrument :
BNA_G
ClientSampleId :
RVE-6

Tgt Ion:188 Resp: 128434
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0
80 4.0 6.8 10.2

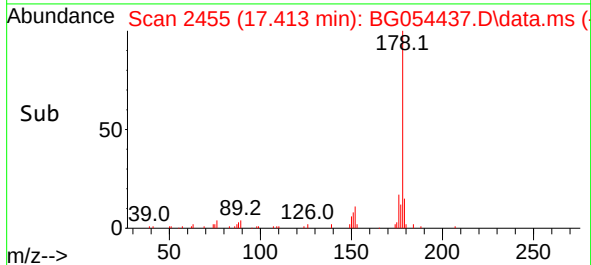
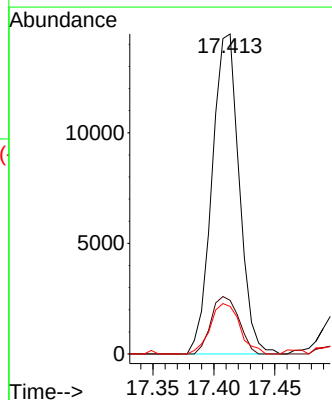
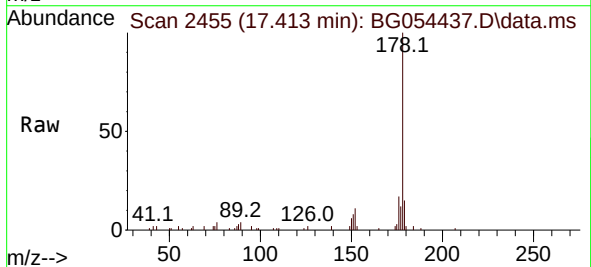
Manual Integrations
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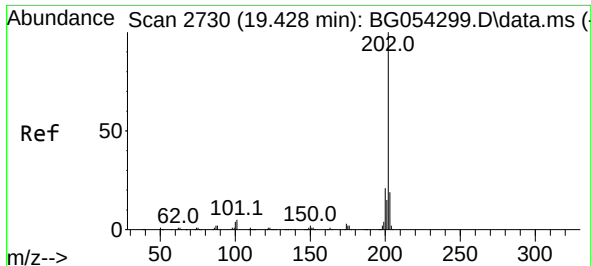
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#71
Phenanthrene
Concen: 3.502 ng
RT: 17.413 min Scan# 2455
Delta R.T. 0.001 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Tgt Ion:178 Resp: 22400
Ion Ratio Lower Upper
178 100
176 16.7 14.1 21.1
179 14.9 12.1 18.1





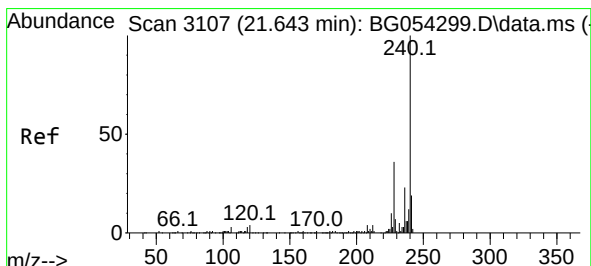
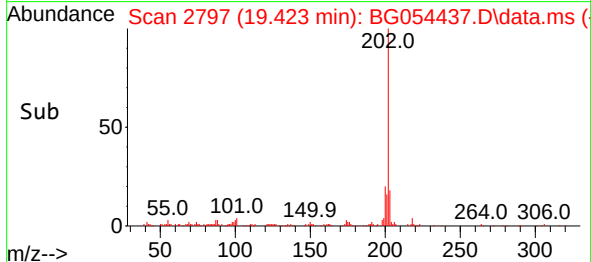
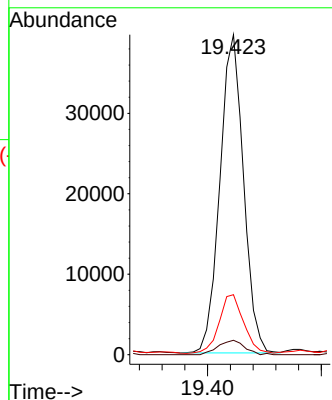
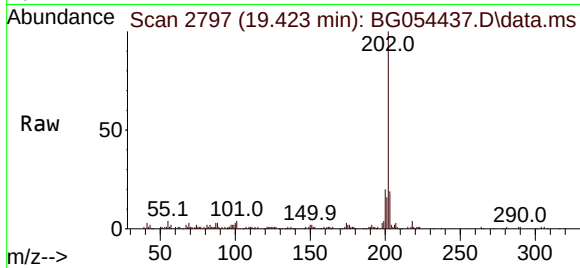
#75
Fluoranthene
Concen: 6.526 ng
RT: 19.423 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Instrument :
BNA_G
ClientSampleId :
RVE-6

Tgt Ion:202 Resp: 5689
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 18.8 0.0 37.2

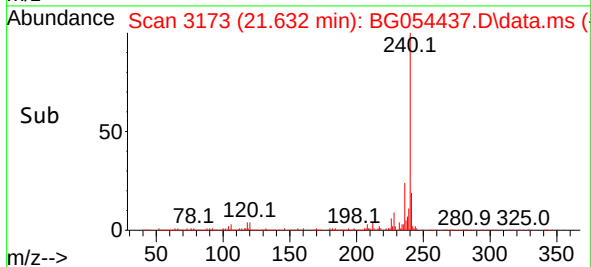
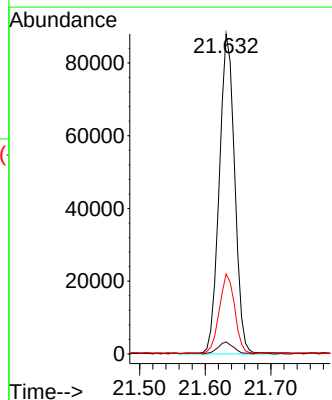
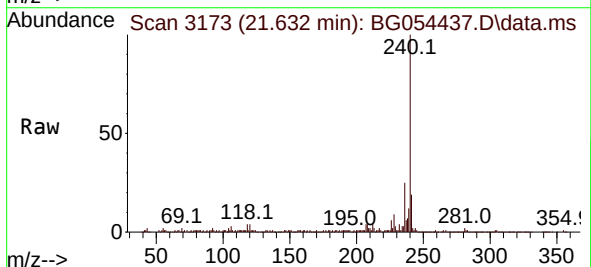
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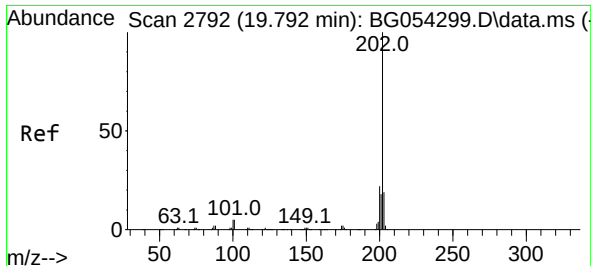
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.632 min Scan# 3173
Delta R.T. -0.005 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Tgt Ion:240 Resp: 143757
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 25.0 20.2 30.4





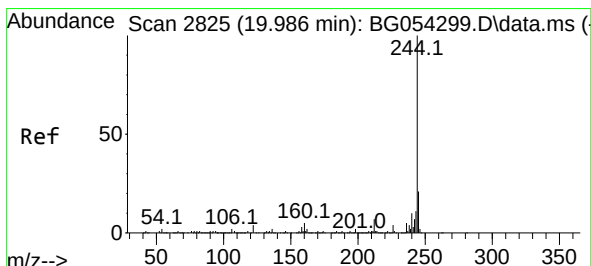
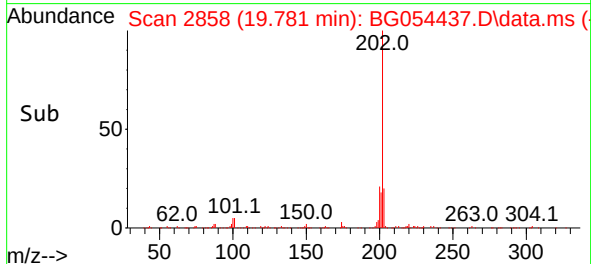
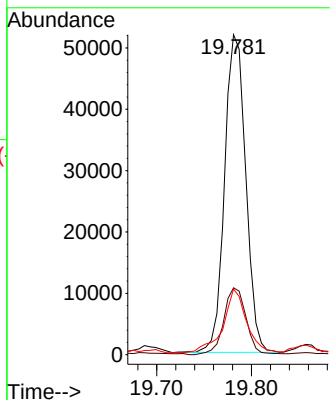
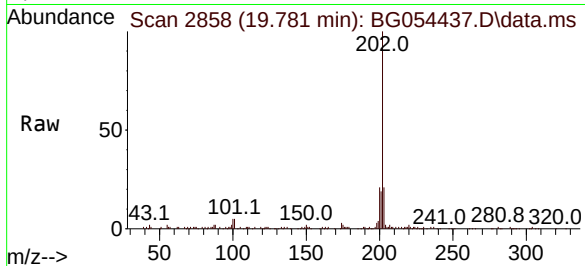
#78
Pyrene
Concen: 9.728 ng
RT: 19.781 min Scan# 2858
Delta R.T. -0.005 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Instrument :
BNA_G
ClientSampleId :
RVE-6

Tgt Ion:202 Resp: 80240
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 20.5 14.6 21.8

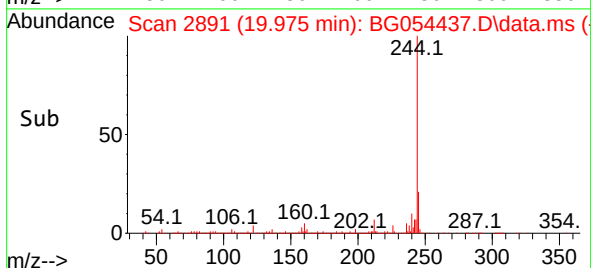
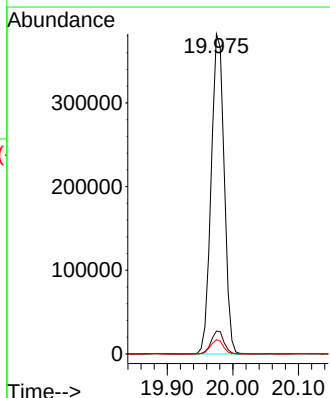
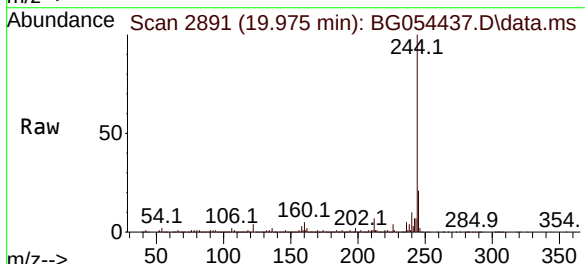
Manual Integrations
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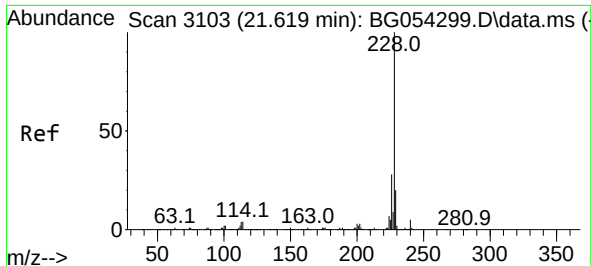
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#79
Terphenyl-d14
Concen: 72.838 ng
RT: 19.975 min Scan# 2891
Delta R.T. -0.005 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Tgt Ion:244 Resp: 527827
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 4.5 5.0 7.4





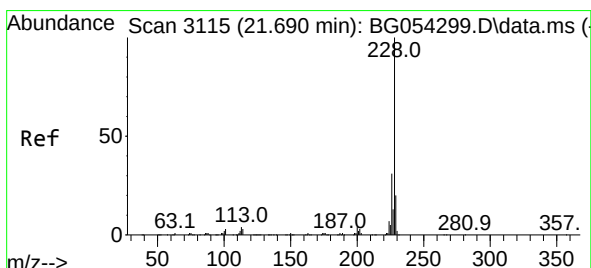
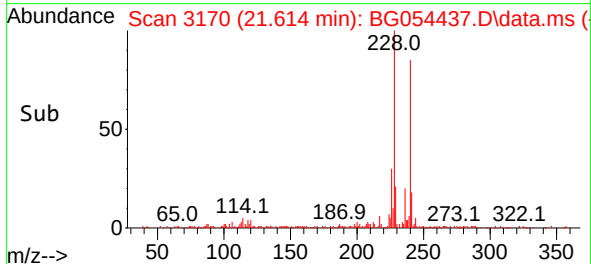
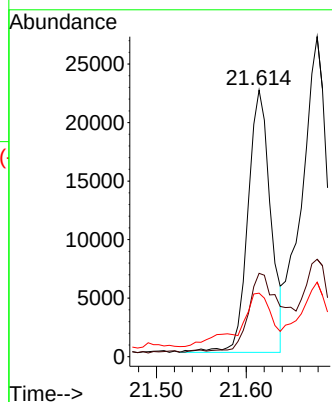
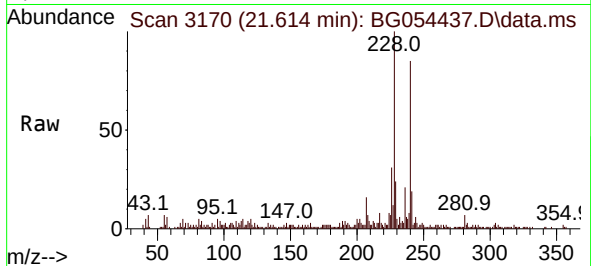
#81
Benzo(a)anthracene
Concen: 4.320 ng
RT: 21.614 min Scan# 3103
Delta R.T. 0.001 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Instrument :
BNA_G
ClientSampleId :
RVE-6

Tgt Ion:228 Resp: 3942
Ion Ratio Lower Upper
228 100
226 31.2 21.6 32.4
229 23.8 16.2 24.2

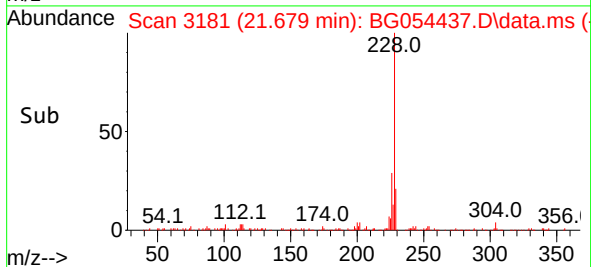
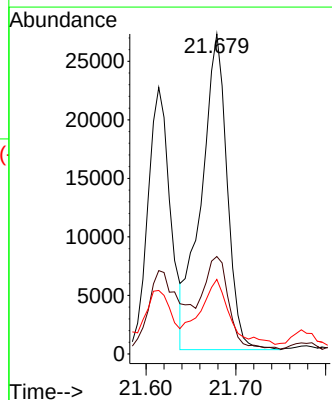
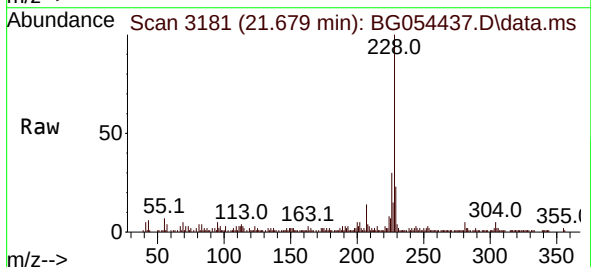
Manual Integrations
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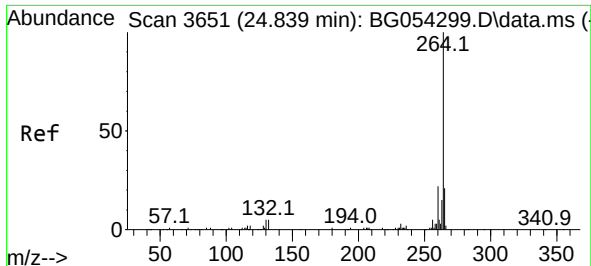
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#83
Chrysene
Concen: 6.274 ng
RT: 21.679 min Scan# 3181
Delta R.T. -0.005 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

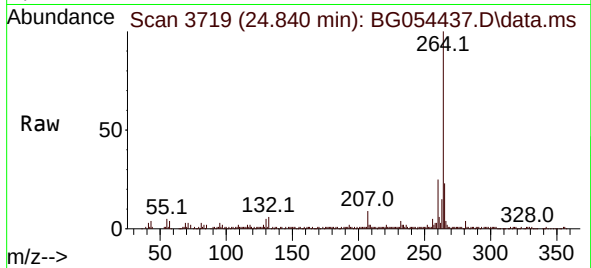
Tgt Ion:228 Resp: 54092
Ion Ratio Lower Upper
228 100
226 30.5 23.4 35.2
229 23.3 15.5 23.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.840 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BG054437.D
 Acq: 28 Jul 2022 18:33

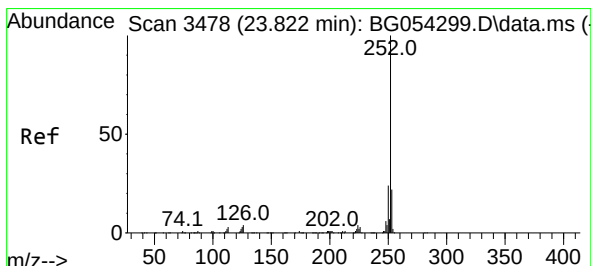
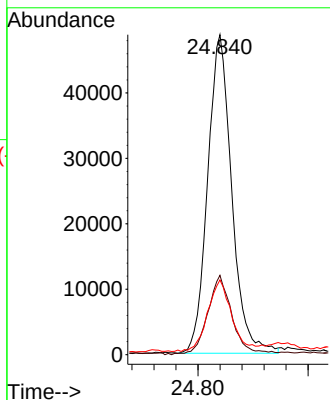
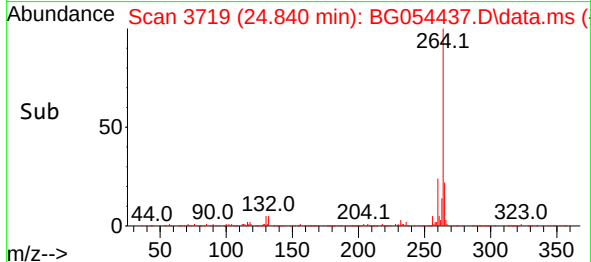
Instrument :
 BNA_G
 ClientSampleId :
 RVE-6



Tgt Ion:264 Resp: 148129
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 23.4 17.4 26.2

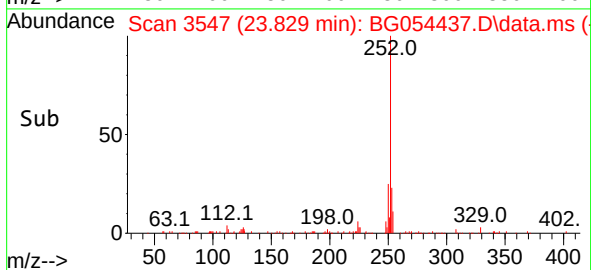
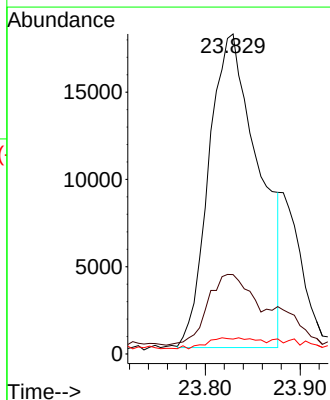
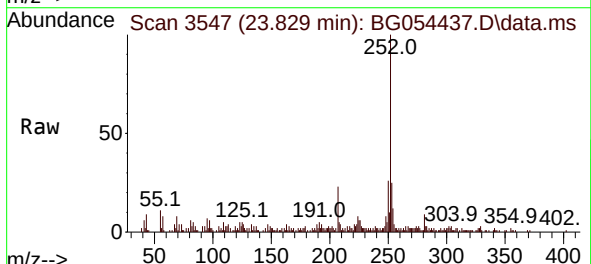
Manual Integrations
 APPROVED

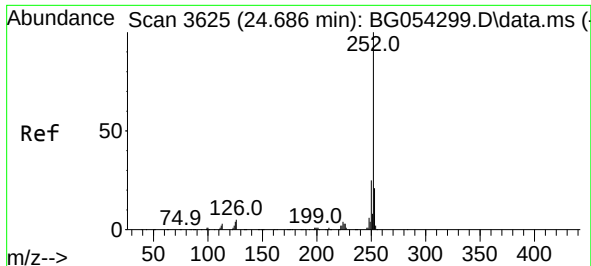
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#88
 Benzo(b)fluoranthene
 Concen: 7.501 ng m
 RT: 23.829 min Scan# 3547
 Delta R.T. 0.006 min
 Lab File: BG054437.D
 Acq: 28 Jul 2022 18:33

Tgt Ion:252 Resp: 65706
 Ion Ratio Lower Upper
 252 100
 253 24.8 18.0 27.0
 125 4.6 4.6 6.8





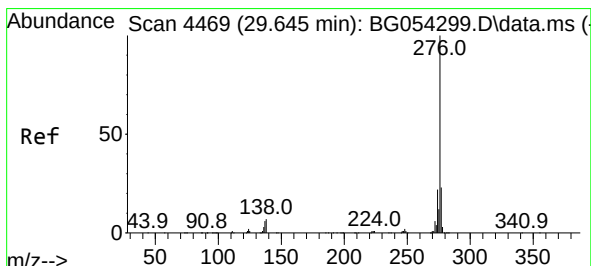
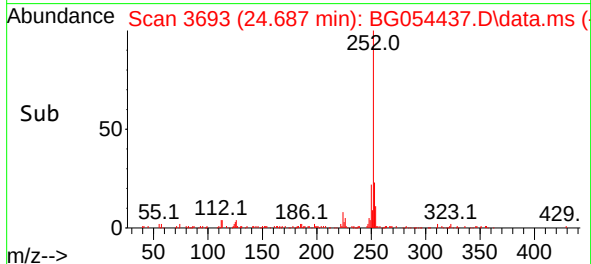
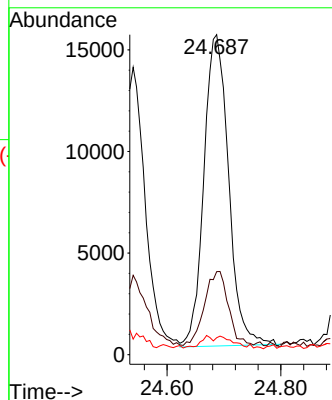
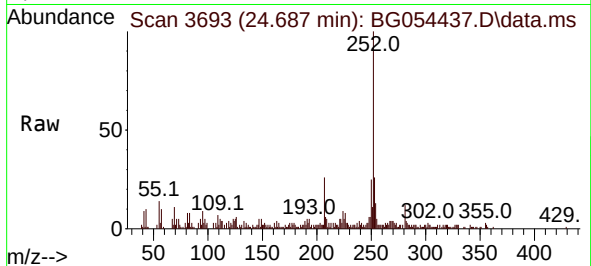
#90
Benzo(a)pyrene
Concen: 6.182 ng
RT: 24.687 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Instrument :
BNA_G
ClientSampleId :
RVE-6

Tgt Ion:252 Resp: 4624
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.8
125 5.3 4.3 6.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#92
Benzo(g,h,i)perylene
Concen: 3.476 ng
RT: 29.664 min Scan# 4540
Delta R.T. 0.001 min
Lab File: BG054437.D
Acq: 28 Jul 2022 18:33

Tgt Ion:276 Resp: 31788
Ion Ratio Lower Upper
276 100
277 28.4 17.3 25.9#
138 12.4 9.6 14.4

