

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053651.D
 Acq On : 20 May 2022 19:44
 Operator : CG/JU
 Sample : N2911-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PASSAIC-AVE-SP

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2022
 Supervised By : Jagrut Upadhyay 05/23/2022

Quant Time: May 23 01:34:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	35195	20.000	ng	0.00
21) Naphthalene-d8	10.877	136	143793	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	97041	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	198596	20.000	ng	0.00
76) Chrysene-d12	21.721	240	181887	20.000	ng	#-0.01
86) Perylene-d12	24.999	264	185564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	263142	126.889	ng	0.00
7) Phenol-d6	7.235	99	394779	125.434	ng	0.00
23) Nitrobenzene-d5	9.232	82	273622	81.003	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	154690	108.081	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	538542	81.096	ng	0.00
79) Terphenyl-d14	20.047	244	708803	72.579	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.486	178	131147	12.987	ng	100
72) Anthracene	17.574	178	21457	2.162	ng	98
75) Fluoranthene	19.495	202	317341	24.270	ng	97
78) Pyrene	19.853	202	271173	23.031	ng	99
81) Benzo(a)anthracene	21.703	228	129759	11.185	ng	97
83) Chrysene	21.768	228	161982	14.950	ng	97
84) Bis(2-ethylhexyl)phtha...	21.586	149	22571	3.788	ng	97
87) Indeno(1,2,3-cd)pyrene	28.753	276	97237	7.524	ng	# 93
88) Benzo(b)fluoranthene	23.959	252	224498	20.439	ng	# 98
89) Benzo(k)fluoranthene	24.018	252	60288m	5.586	ng	
90) Benzo(a)pyrene	24.840	252	134201	14.355	ng	# 94
91) Dibenzo(a,h)anthracene	28.788	278	24297	2.282	ng	# 85
92) Benzo(g,h,i)perylene	29.928	276	89328	8.462	ng	# 85

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

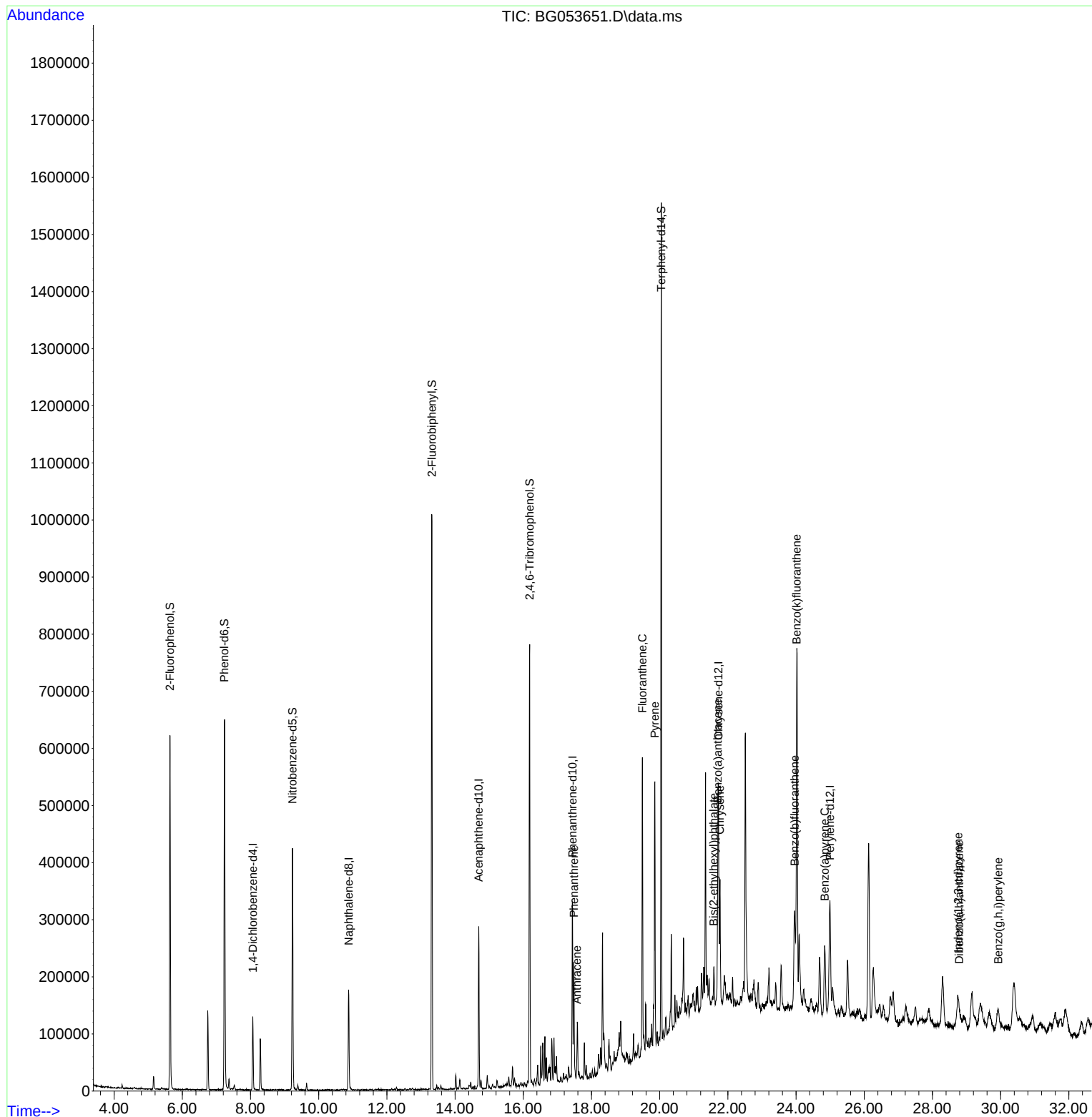
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053651.D
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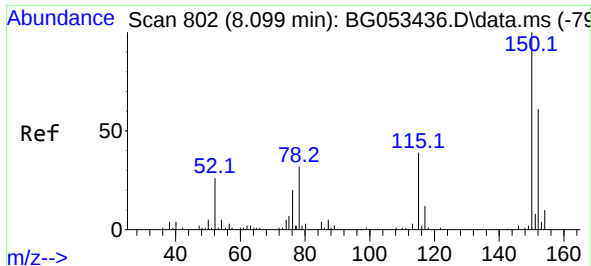
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Quant Time: May 23 01:34:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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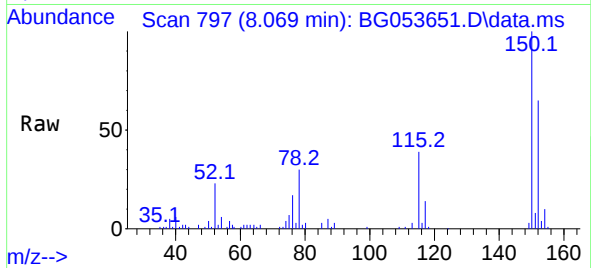
Reviewed By : Christian Giraldo 05/23/2022
Supervised By : Jagrut Upadhyay 05/23/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

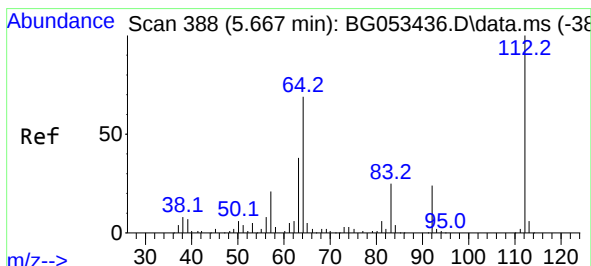
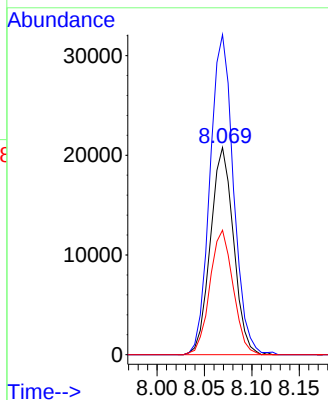
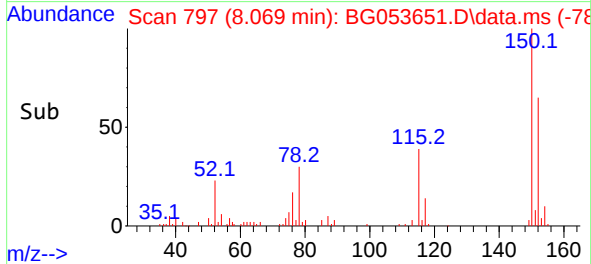
Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP



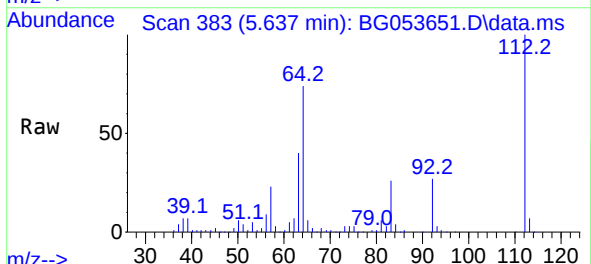
Tgt Ion:152 Resp: 3519
Ion Ratio Lower Upper
152 100
150 154.4 131.6 197.4
115 60.1 50.9 76.3

Manual Integrations
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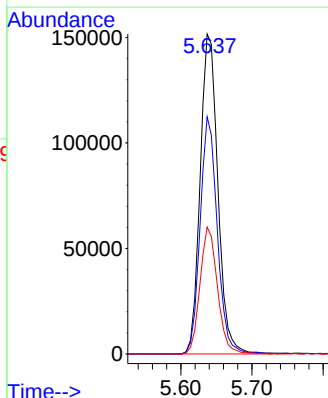
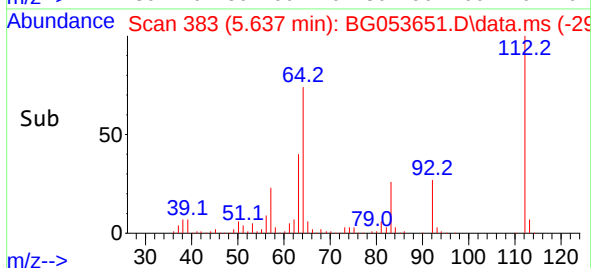
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#5
2-Fluorophenol
Concen: 126.889 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44



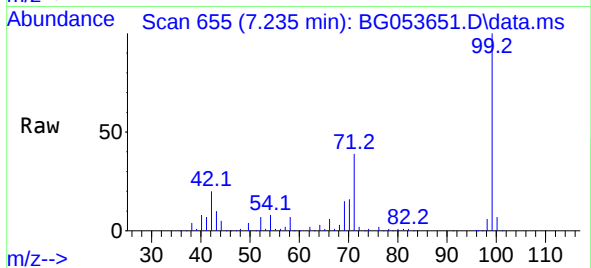
Tgt Ion:112 Resp: 263142
Ion Ratio Lower Upper
112 100
64 74.1 55.1 82.7
63 39.6 30.4 45.6





#7
Phenol-d6
Concen: 125.434 ng
RT: 7.235 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

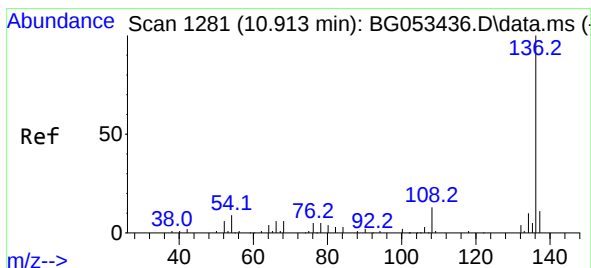
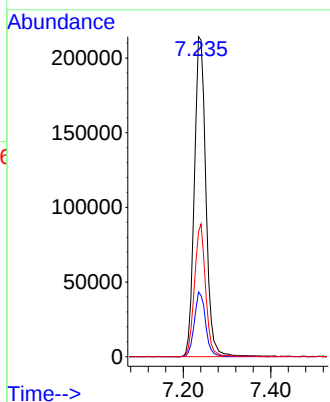
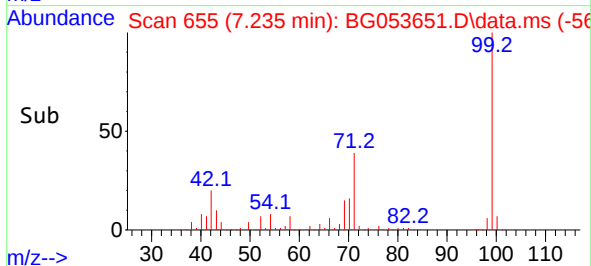
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BNA_G
ClientSampleId :
PASSAIC-AVE-SP



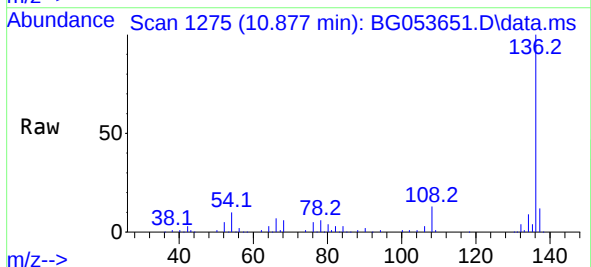
Tgt Ion: 99 Resp: 394779
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 39.0 33.8 50.8

Manual Integrations
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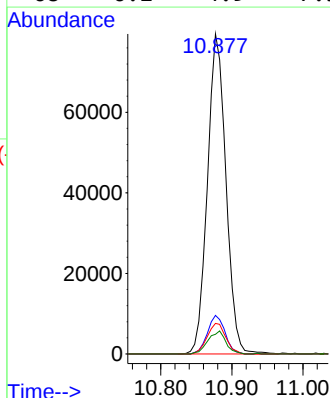
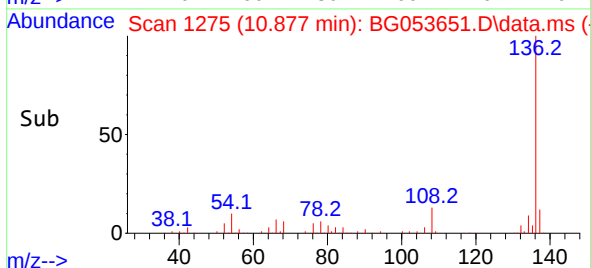
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

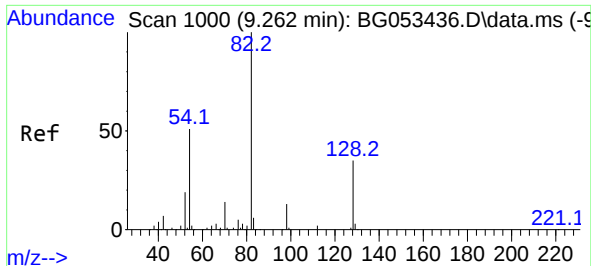


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.877 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44



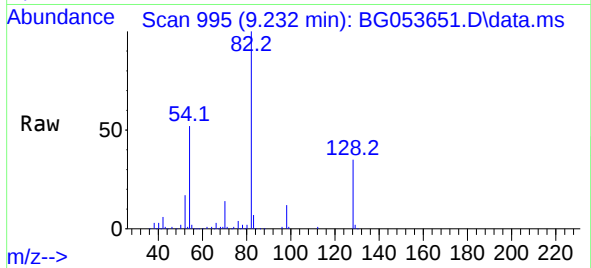
Tgt Ion:136 Resp: 143793
Ion Ratio Lower Upper
136 100
137 12.1 8.5 12.7
54 9.6 7.4 11.2
68 6.2 4.9 7.3





#23
Nitrobenzene-d5
Concen: 81.003 ng
RT: 9.232 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

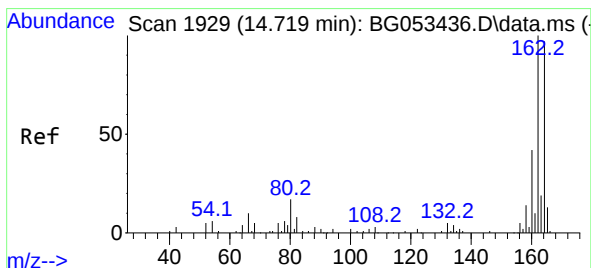
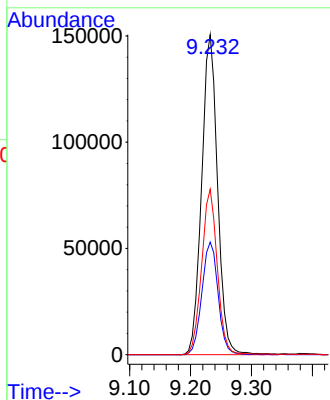
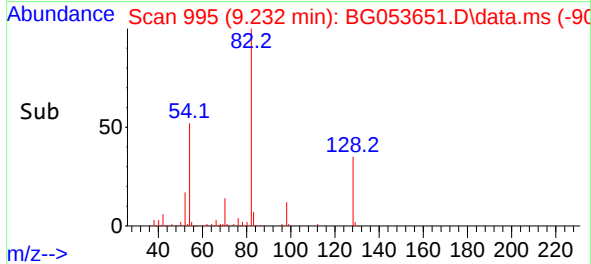
Instrument :
BNA_G
ClientSampleId :
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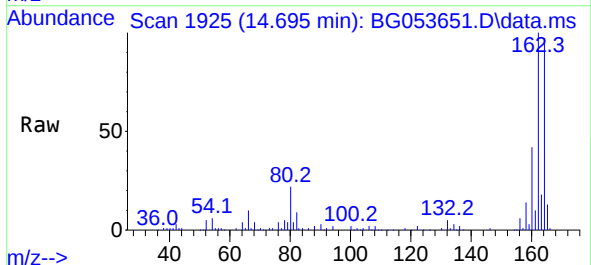
Tgt Ion: 82 Resp: 27362
Ion Ratio Lower Upper
82 100
128 35.2 27.9 41.9
54 51.7 41.2 61.8

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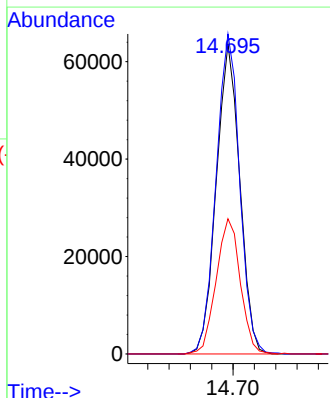
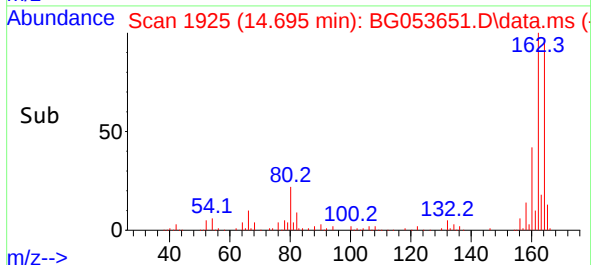
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44



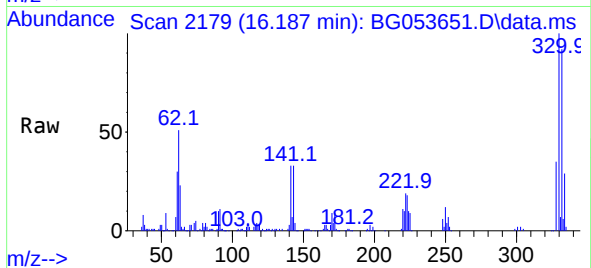
Tgt Ion:164 Resp: 97041
Ion Ratio Lower Upper
164 100
162 103.2 82.3 123.5
160 43.6 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 108.081 ng
RT: 16.187 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

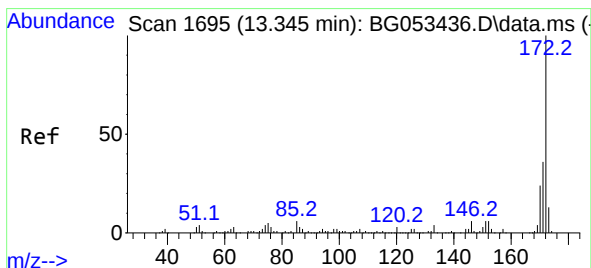
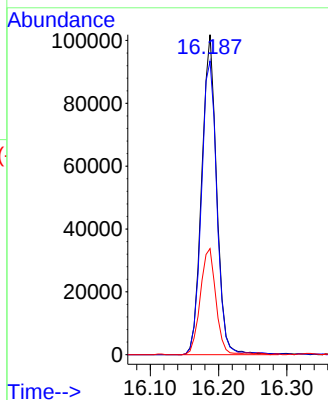
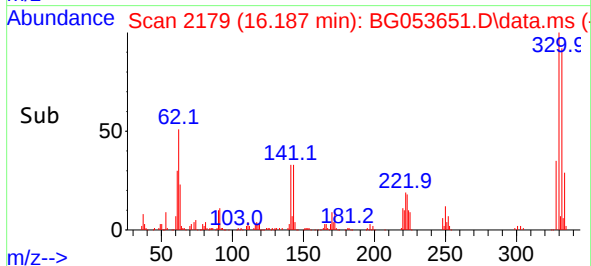
Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP



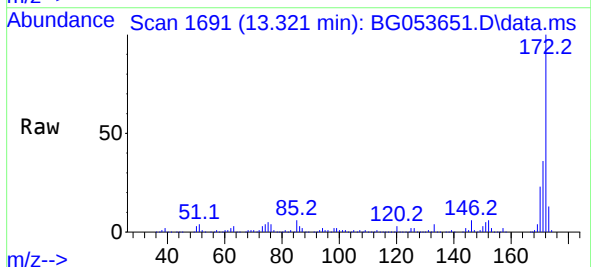
Tgt Ion:330 Resp: 154690
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 34.6 27.1 40.7

Manual Integrations
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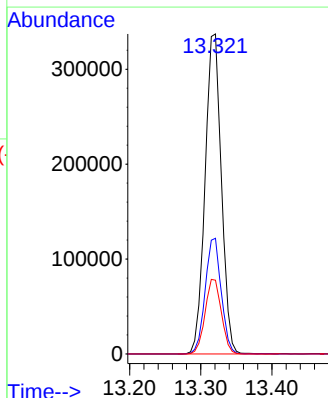
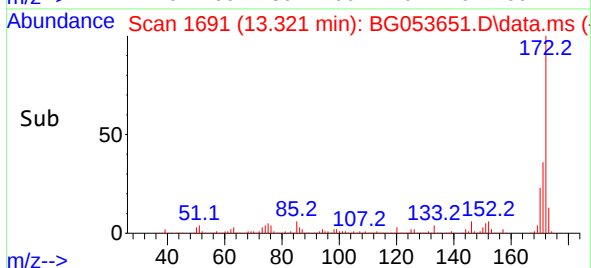
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

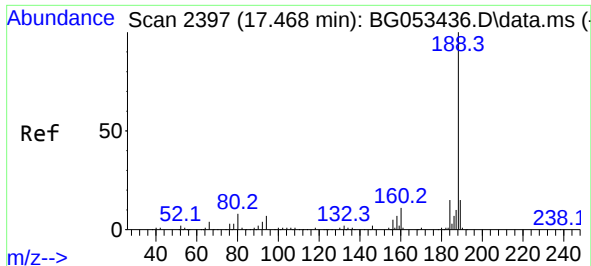


#45
2-Fluorobiphenyl
Concen: 81.096 ng
RT: 13.321 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44



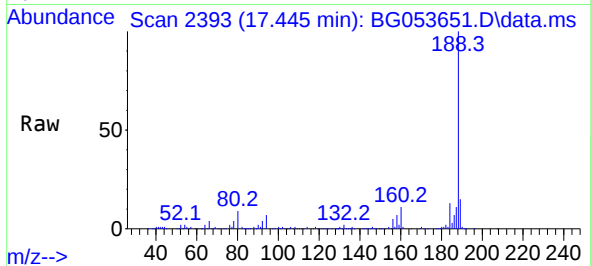
Tgt Ion:172 Resp: 538542
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.1 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

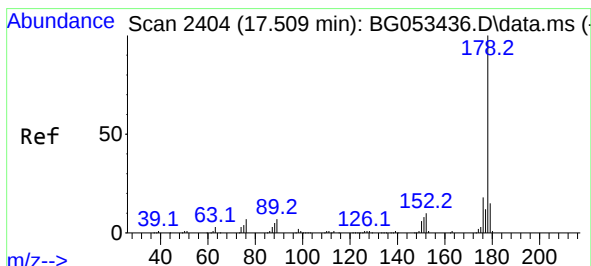
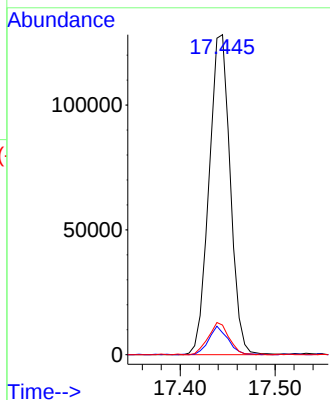
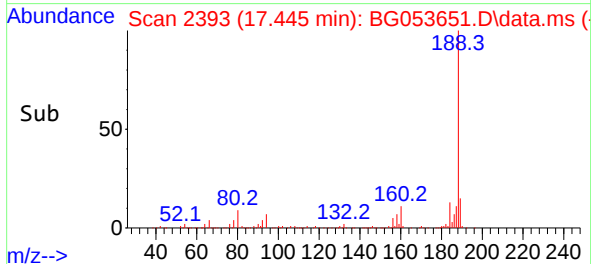
Instrument :
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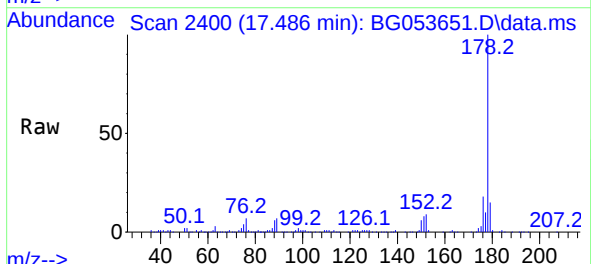
Tgt Ion:188 Resp: 198590
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 9.3 6.8 10.2

Manual Integrations
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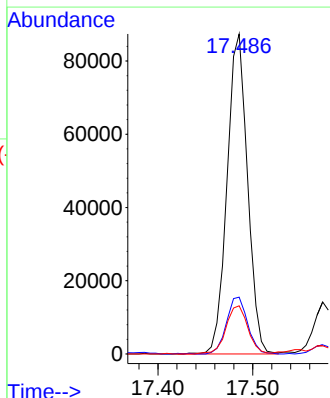
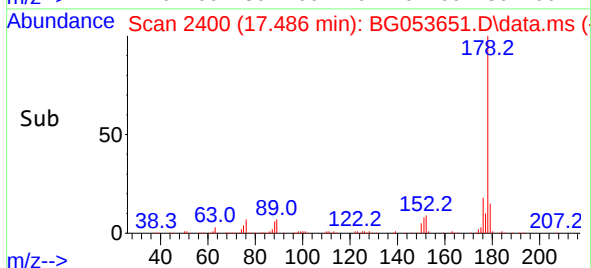
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

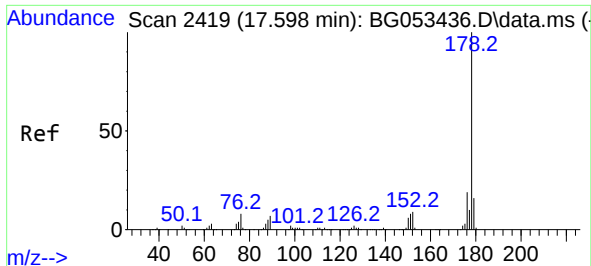


#71
Phenanthrene
Concen: 12.987 ng
RT: 17.486 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44



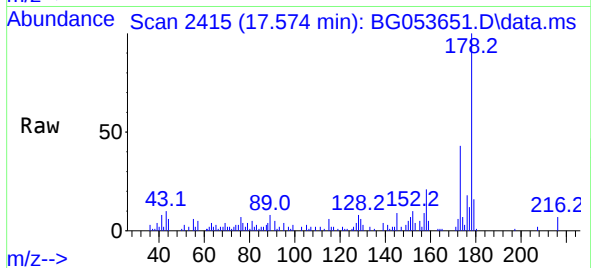
Tgt Ion:178 Resp: 131147
Ion Ratio Lower Upper
178 100
176 17.8 14.1 21.1
179 15.0 12.1 18.1





#72
 Anthracene
 Concen: 2.162 ng
 RT: 17.574 min Scan# 2415
 Delta R.T. -0.012 min
 Lab File: BG053651.D
 Acq: 20 May 2022 19:44

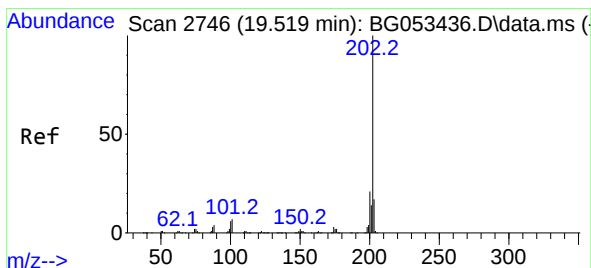
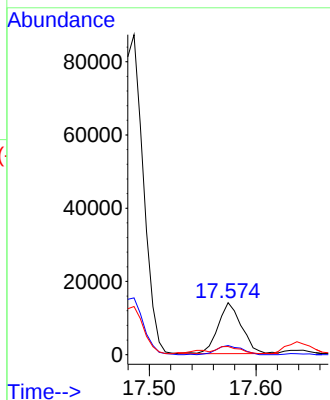
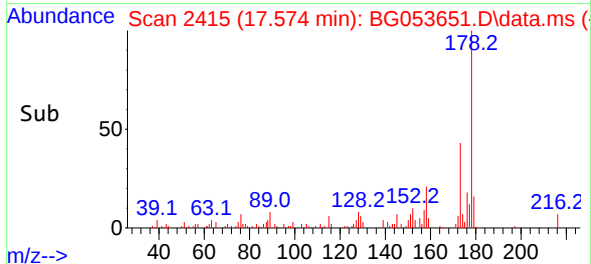
Instrument :
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 PASSAIC-AVE-SP



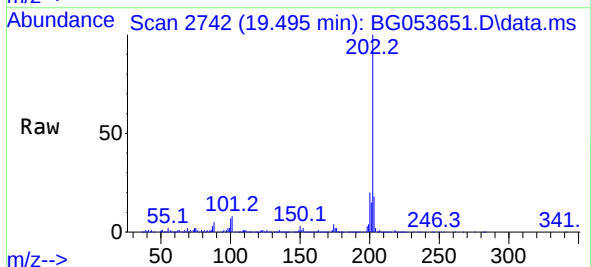
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 Ion Ratio Lower Upper
 178 100
 176 17.6 15.2 22.8
 179 15.6 13.0 19.4

Manual Integrations
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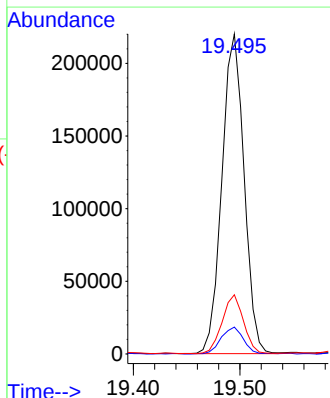
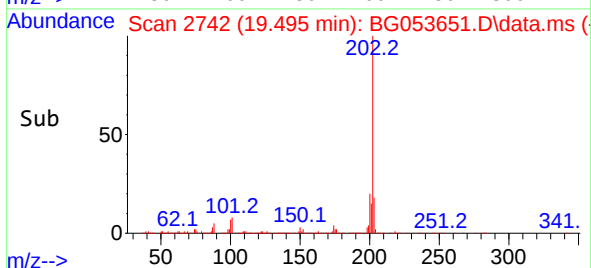
Reviewed By :Christian Giraldo 05/23/2022
 Supervised By :Jagrut Upadhyay 05/23/2022

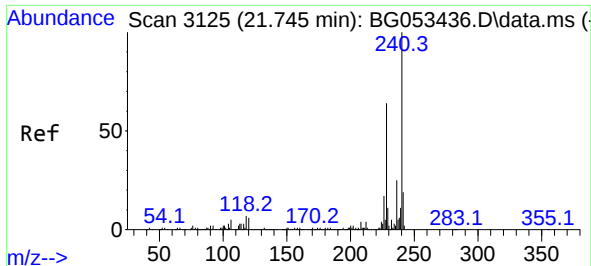


#75
 Fluoranthene
 Concen: 24.270 ng
 RT: 19.495 min Scan# 2742
 Delta R.T. -0.006 min
 Lab File: BG053651.D
 Acq: 20 May 2022 19:44



Tgt Ion:202 Resp: 317341
 Ion Ratio Lower Upper
 202 100
 101 8.4 0.0 26.9
 203 18.5 0.0 37.2





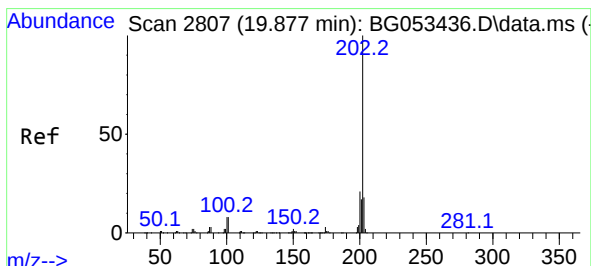
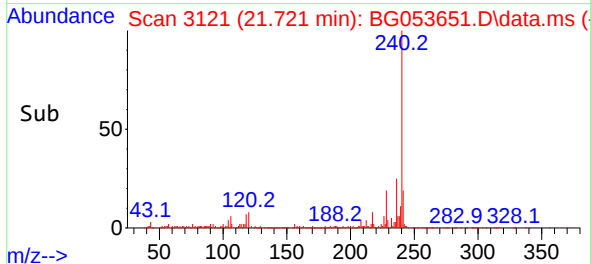
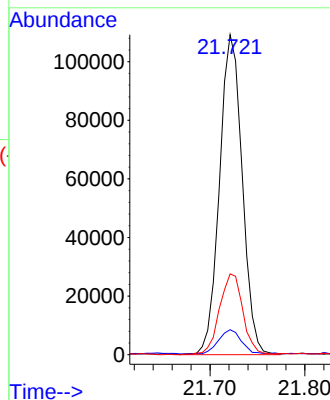
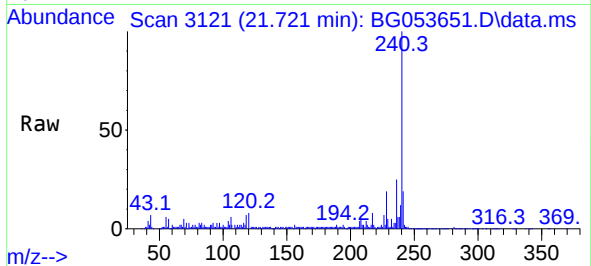
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:240 Resp: 18188
Ion Ratio Lower Upper
240 100
120 7.8 4.6 7.0
236 25.3 20.2 30.4

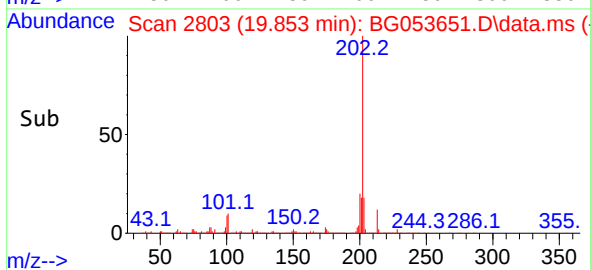
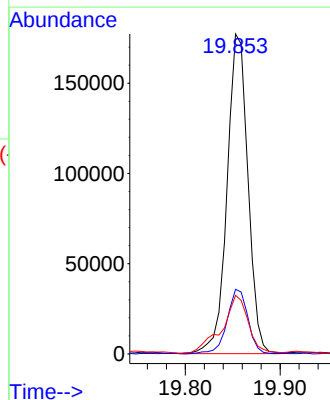
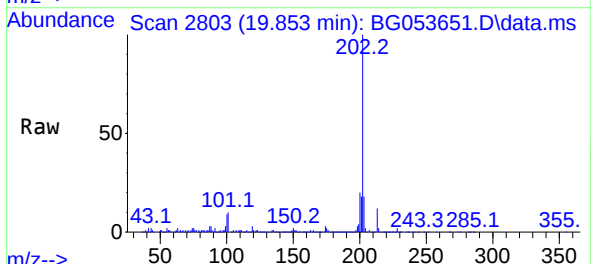
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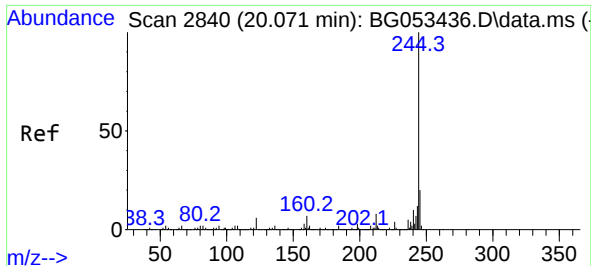
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#78
Pyrene
Concen: 23.031 ng
RT: 19.853 min Scan# 2803
Delta R.T. -0.012 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

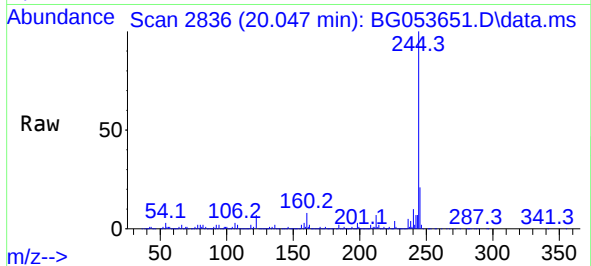
Tgt Ion:202 Resp: 271173
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 18.3 14.6 21.8





#79
 Terphenyl-d14
 Concen: 72.579 ng
 RT: 20.047 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053651.D
 Acq: 20 May 2022 19:44

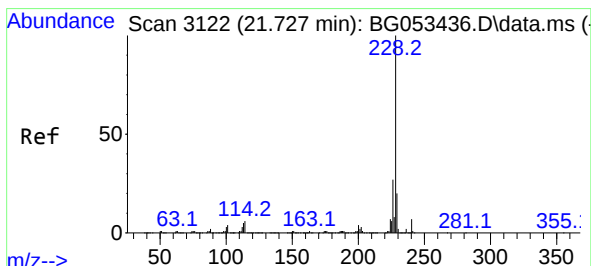
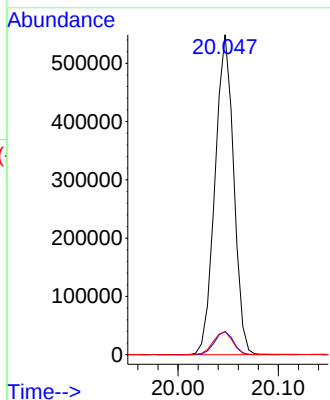
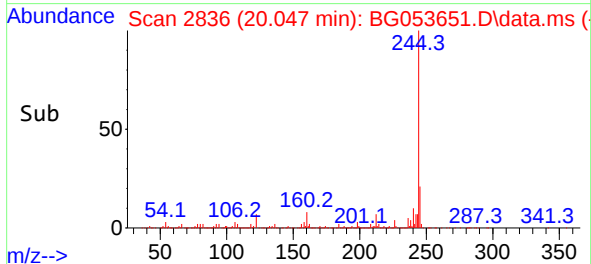
Instrument :
 BNA_G
 ClientSampleId :
 PASSAIC-AVE-SP



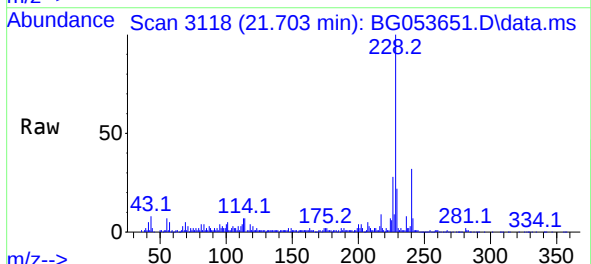
Tgt Ion:244 Resp: 70880
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 7.2 5.0 7.4

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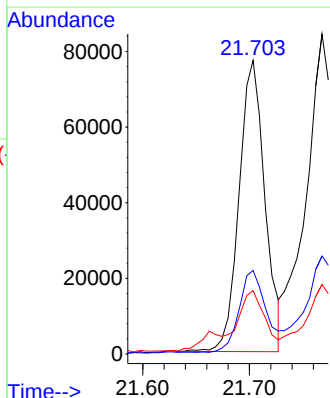
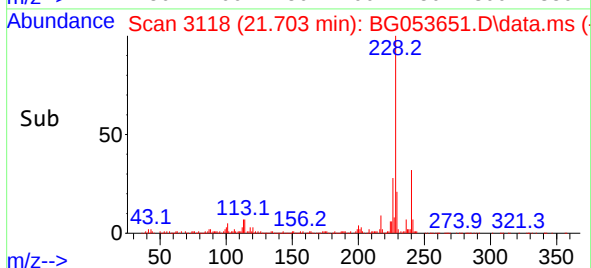
Reviewed By :Christian Giraldo 05/23/2022
 Supervised By :Jagrut Upadhyay 05/23/2022

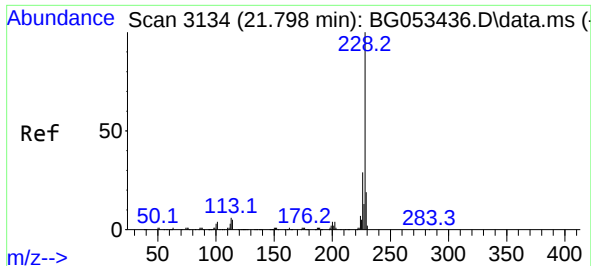


#81
 Benzo(a)anthracene
 Concen: 11.185 ng
 RT: 21.703 min Scan# 3118
 Delta R.T. -0.006 min
 Lab File: BG053651.D
 Acq: 20 May 2022 19:44



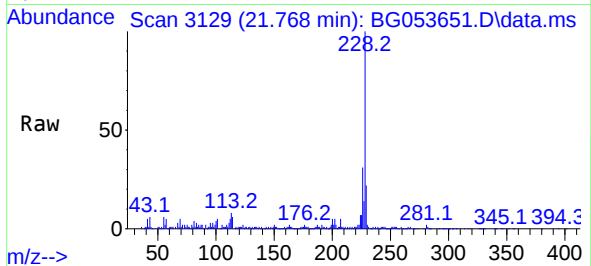
Tgt Ion:228 Resp: 129759
 Ion Ratio Lower Upper
 228 100
 226 28.4 21.6 32.4
 229 21.6 16.2 24.2





#83
Chrysene
Concen: 14.950 ng
RT: 21.768 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

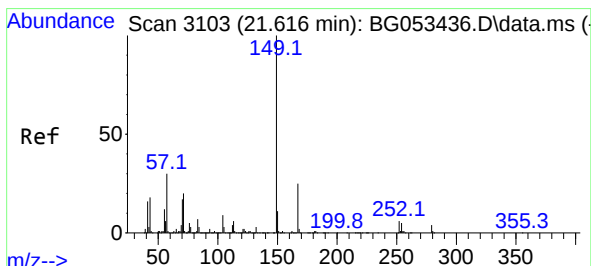
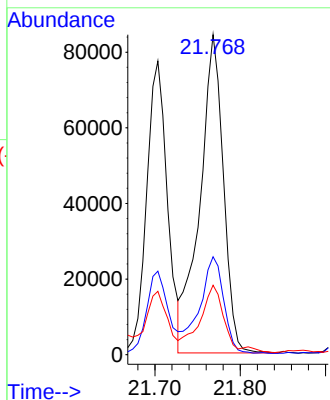
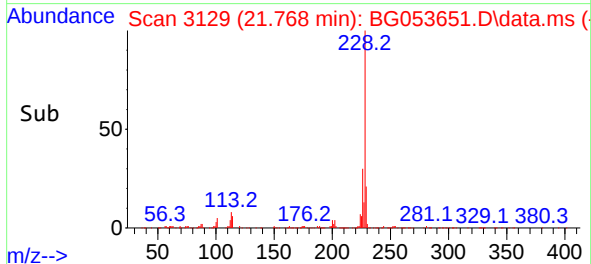
Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP



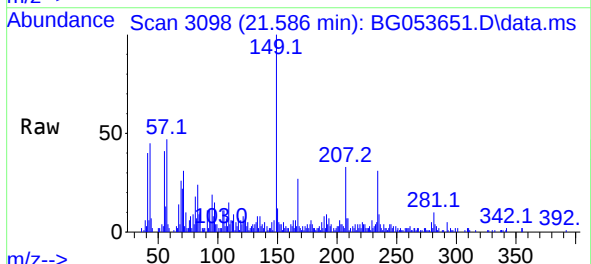
Tgt Ion:228 Resp: 16198
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.2
229 21.7 15.5 23.3

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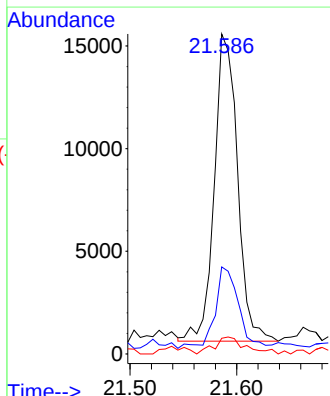
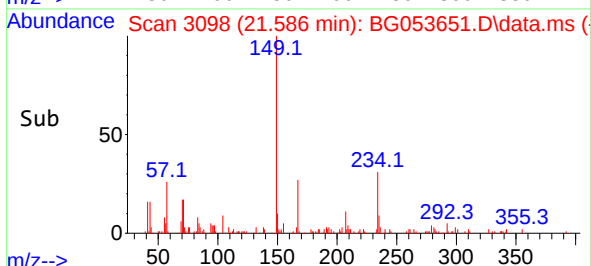
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

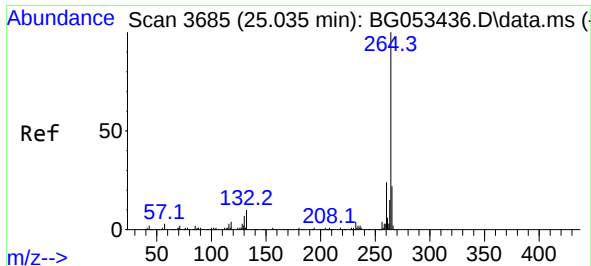


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.788 ng
RT: 21.586 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44



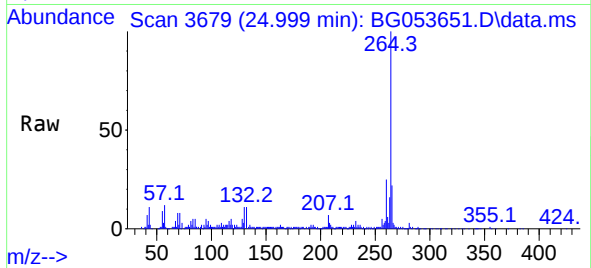
Tgt Ion:149 Resp: 22571
Ion Ratio Lower Upper
149 100
167 27.2 20.2 30.4
279 4.9 3.6 5.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.999 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

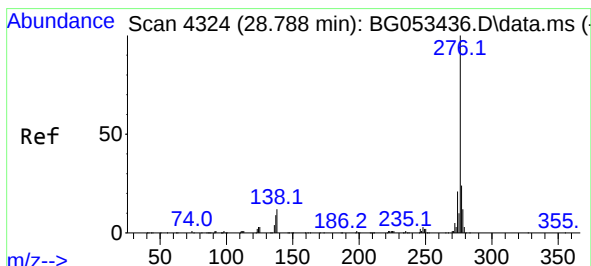
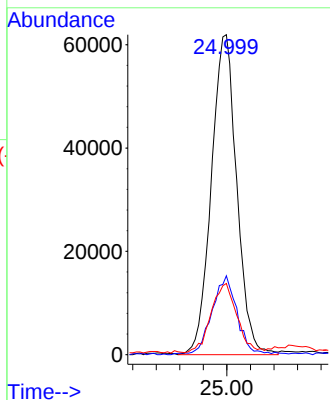
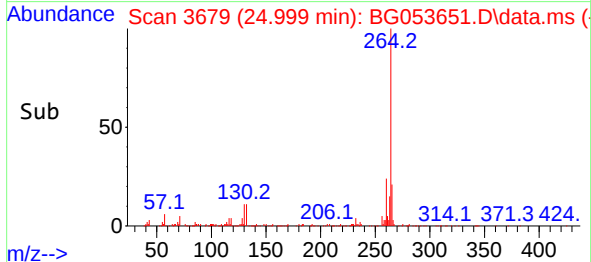
Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP



Tgt Ion:264 Resp: 185564
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.6
265 22.3 17.4 26.2

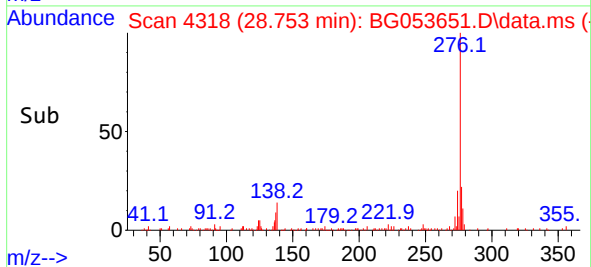
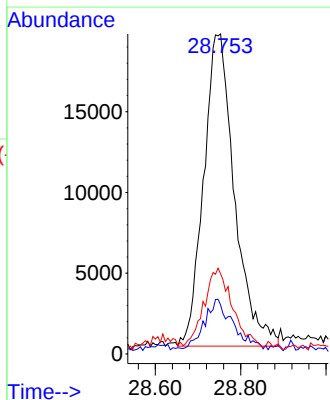
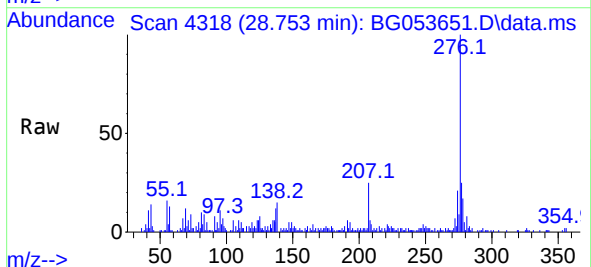
Manual Integrations
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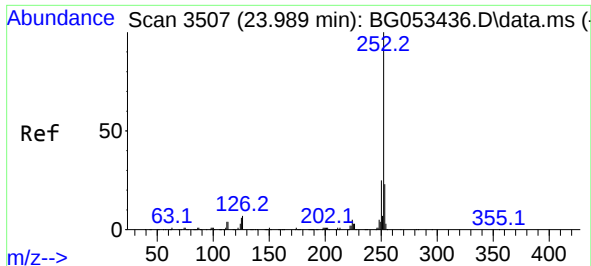
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 7.524 ng
RT: 28.753 min Scan# 4318
Delta R.T. -0.000 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

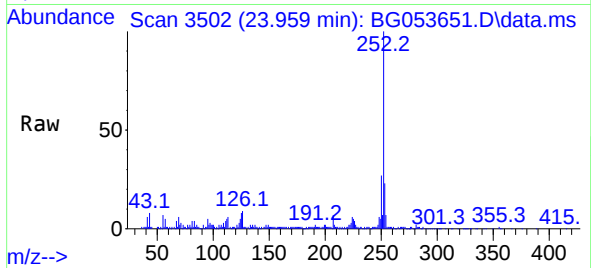
Tgt Ion:276 Resp: 97237
Ion Ratio Lower Upper
276 100
138 13.1 5.0 7.4#
277 23.2 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 20.439 ng
RT: 23.959 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

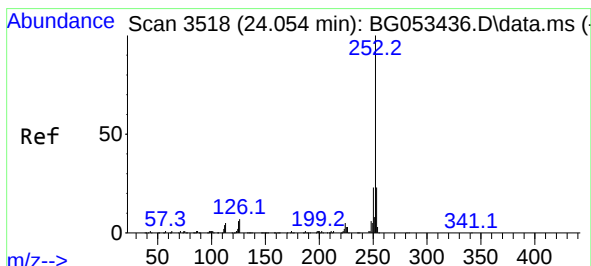
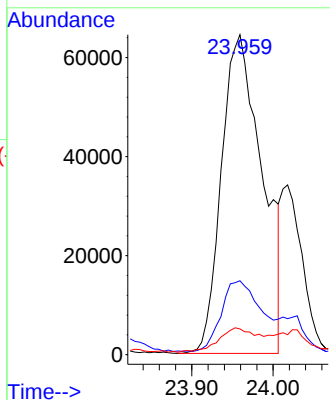
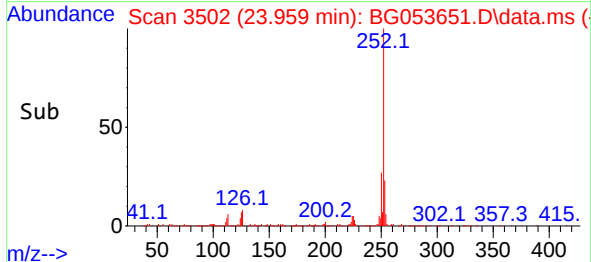
Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP



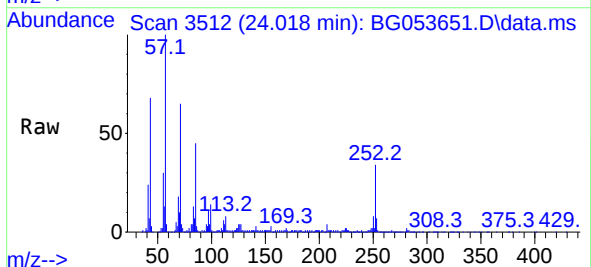
Tgt Ion:252 Resp: 224498
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 8.1 4.6 6.8

Manual Integrations
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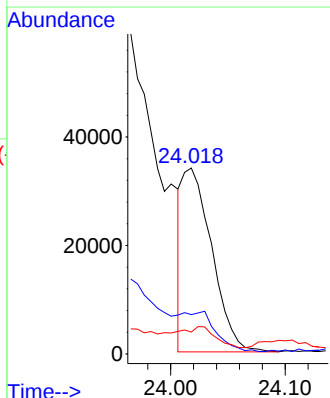
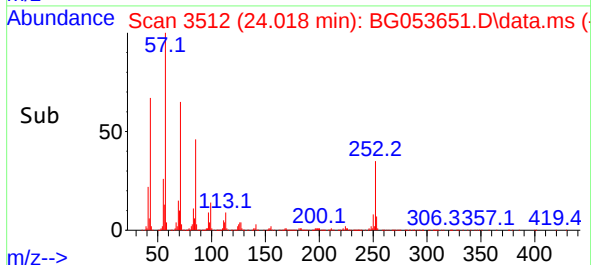
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

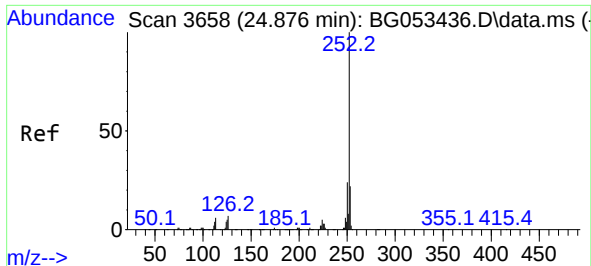


#89
Benzo(k)fluoranthene
Concen: 5.586 ng m
RT: 24.018 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44



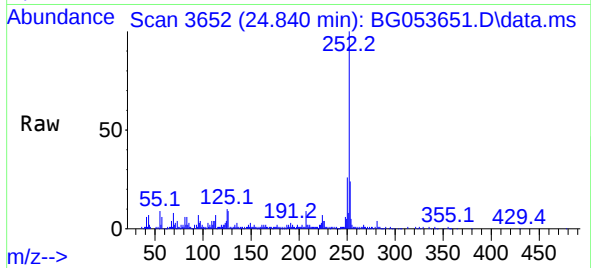
Tgt Ion:252 Resp: 60288
Ion Ratio Lower Upper
252 100
253 21.2 18.4 27.6
125 11.8 4.8 7.2





#90
Benzo(a)pyrene
Concen: 14.355 ng
RT: 24.840 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

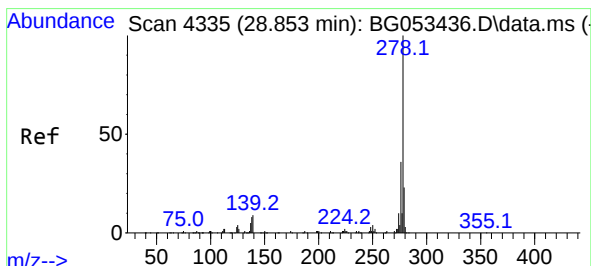
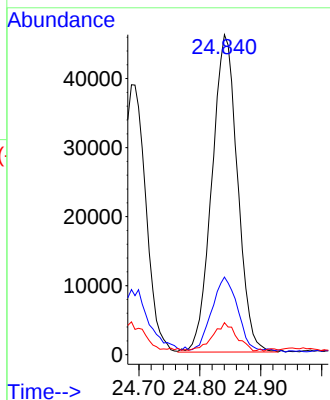
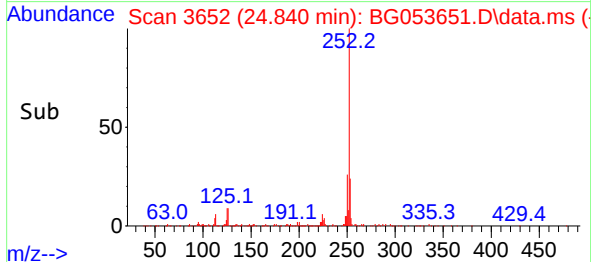
Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP



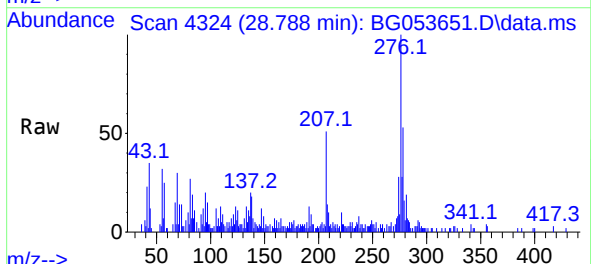
Tgt Ion:252 Resp: 13420
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 10.0 4.3 6.5

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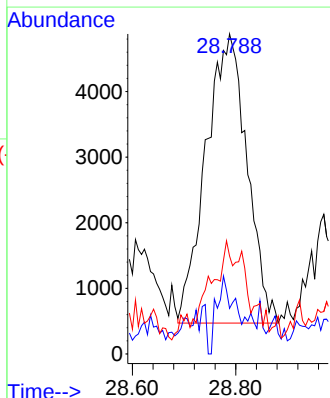
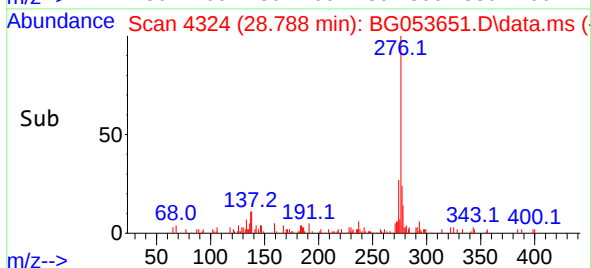
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

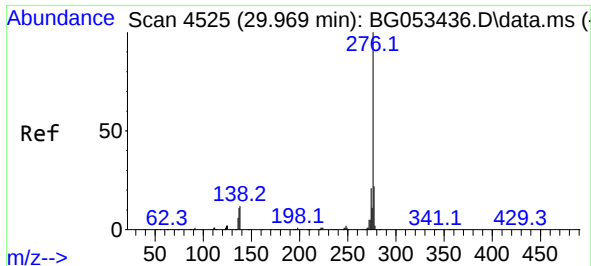


#91
Dibenzo(a,h)anthracene
Concen: 2.282 ng
RT: 28.788 min Scan# 4324
Delta R.T. -0.018 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44



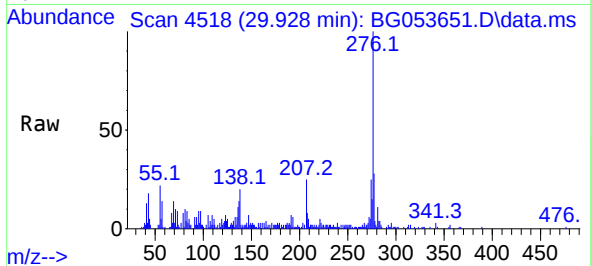
Tgt Ion:278 Resp: 24297
Ion Ratio Lower Upper
278 100
139 14.3 7.2 10.8#
279 30.6 18.6 27.8#





#92
Benzo(g,h,i)perylene
Concen: 8.462 ng
RT: 29.928 min Scan# 4518
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP



Tgt Ion:276 Resp: 89328
Ion Ratio Lower Upper
276 100
277 27.9 17.3 25.9
138 19.5 9.6 14.4

Manual Integrations
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Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

