

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
 Data File : BG051681.D
 Acq On : 20 Dec 2021 14:46
 Operator : CG/JU
 Sample : M5171-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLA9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2021
 Supervised By :mohammad ahmed 12/28/2021

Quant Time: Dec 20 23:10:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	40052	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.116	136	154280	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.911	164	98962	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.666	188	194871	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.984	240	195579	20.000	ng/ul	# 0.00
88) Perylene-d12	25.515	264	201697	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.597	96	2626	2.723	ng/uL	0.00
4) Pyridine-d5	4.026	84	31091	10.670	ng/ul	-0.02
7) Phenol-d5	7.404	99	63630	17.793	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.574	67	42059	19.784	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.797	132	46656	18.759	ng/ul	-0.01
15) 4-Methylphenol-d8	8.966	113	54650	19.770	ng/ul	-0.01
21) Nitrobenzene-d5	9.442	128	24638	21.782	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.176	143	26847	21.712	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.717	165	52287	19.500	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.228	131	90721	25.697	ng/ul	-0.01
46) Dimethylphthalate-d6	14.300	166	151131	19.080	ng/ul	-0.01
49) Acenaphthylene-d8	14.606	160	195742	19.898	ng/ul	0.00
54) 4-Nitrophenol-d4	15.070	143	20782	16.134	ng/ul	0.00
60) Fluorene-d10	15.904	176	131346	18.508	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.004	200	20136	19.833	ng/ul	0.00
73) Anthracene-d10	17.766	188	199224	21.431	ng/ul	0.00
81) Pyrene-d10	20.040	212	226398	19.234	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.268	264	215068	20.265	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.427	94	4195	1.180	ng/ul#	68
30) Naphthalene	11.163	128	591492	71.162	ng/ul	98
32) 4-Chloroaniline	11.251	127	39761	11.029	ng/ul	100
36) 2-Methylnaphthalene	12.755	142	15834	2.670	ng/ul	86
37) 1-Methylnaphthalene	12.973	142	329214	53.469	ng/ul#	98
43) 1,1'-Biphenyl	13.748	154	62430	8.236	ng/ul#	96
52) Acenaphthene	14.976	153	92870	14.606	ng/ul	92
56) Dibenzofuran	15.305	168	83148	8.879	ng/ul#	84
61) Fluorene	15.957	166	74753	9.688	ng/ul#	90
67) N-Nitrosodiphenylamine	16.157	169	180688	34.473	ng/ul#	82
72) Phenanthrene	17.707	178	141497	14.117	ng/ul#	89
74) Anthracene	17.796	178	10820	1.069	ng/ul#	29
80) Fluoranthene	19.705	202	80351	5.947	ng/ul#	94
82) Pyrene	20.069	202	84993	6.356	ng/ul#	90
83) Butylbenzylphthalate	20.938	149	127497	28.433	ng/ul#	97
85) Benzo(a)anthracene	21.966	228	23461	1.844	ng/ul#	73
86) Bis(2-ethylhexyl)phtha...	21.902	149	10519601	1674.796	ng/ul#	14
87) Chrysene	22.037	228	29110m	2.368	ng/ul	
89) Di-n-octyl phthalate	23.194	149	4877798	448.997	ng/ul	100
90) Benzo(b)fluoranthene	24.387	252	24449	1.810	ng/ul#	23
93) Benzo(a)pyrene	25.344	252	13295m	1.043	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

BGLA9

Manual Integrations

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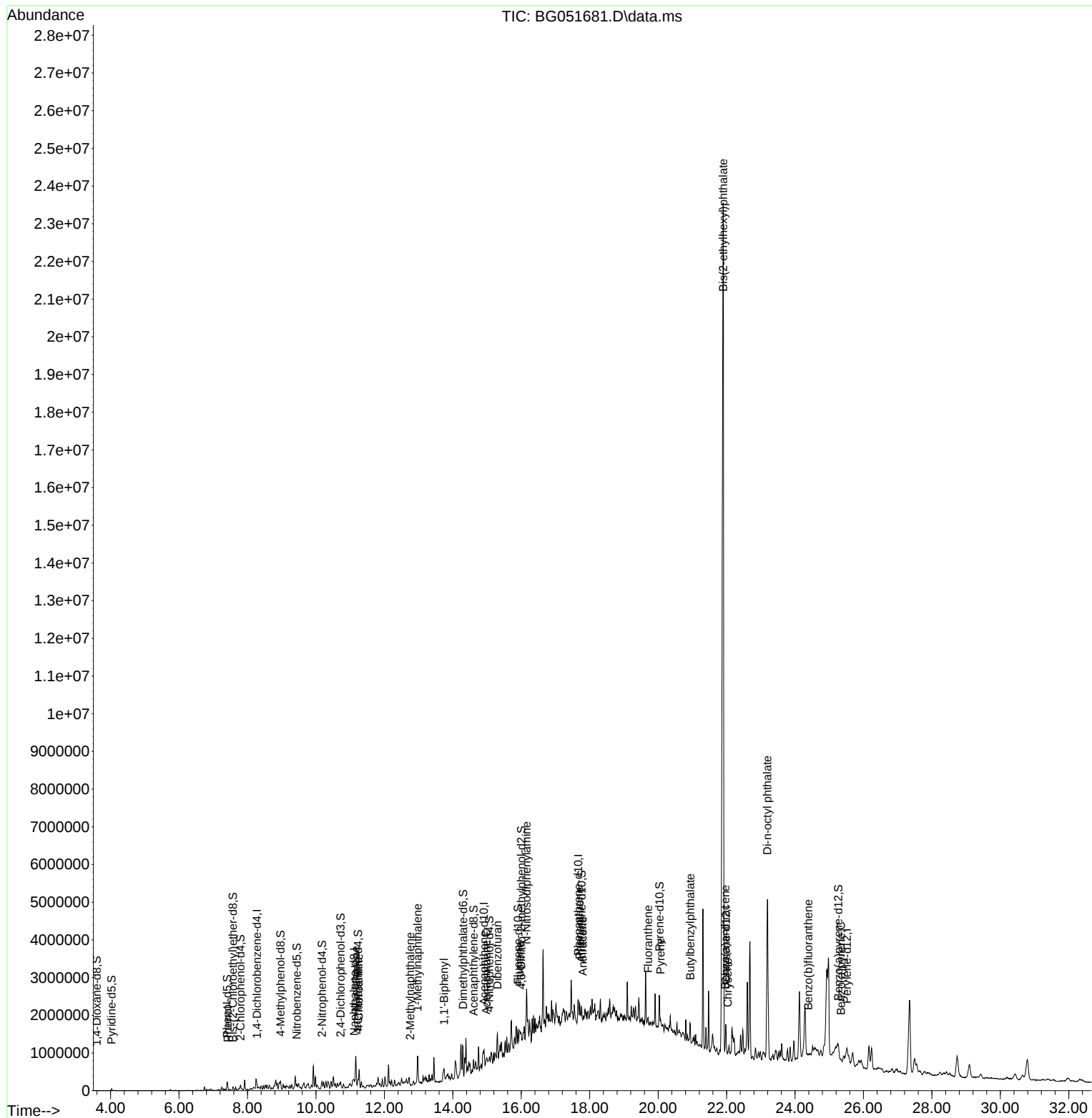
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
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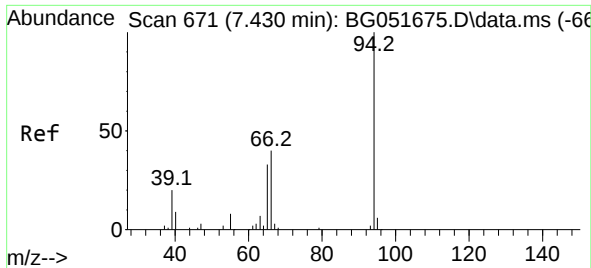
Instrument :
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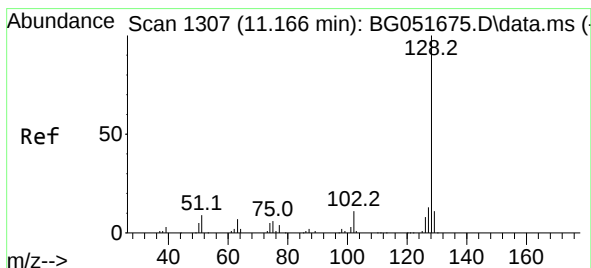
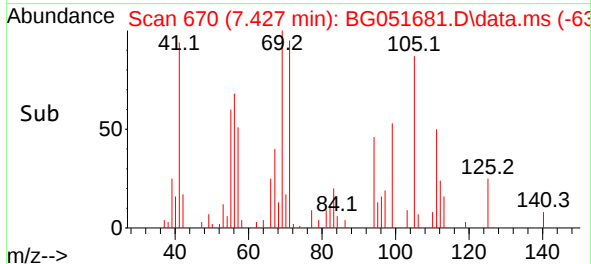
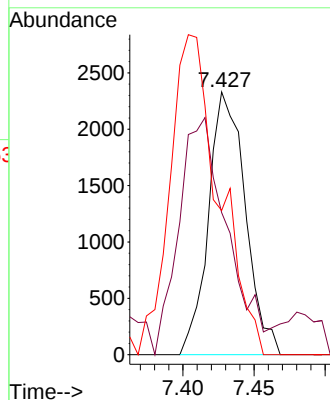
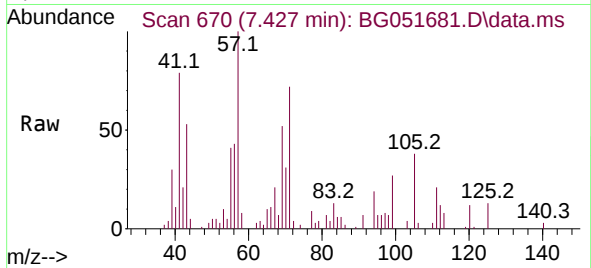
#8
Phenol
Concen: 1.180 ng/ul
RT: 7.427 min Scan# 61
Delta R.T. -0.014 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

Instrument :
BNA_G
ClientSampleId :
BGLA9

Tgt Ion: 94 Resp: 419
Ion Ratio Lower Upper
94 100
65 54.1 25.1 37.7
66 54.9 31.6 47.4

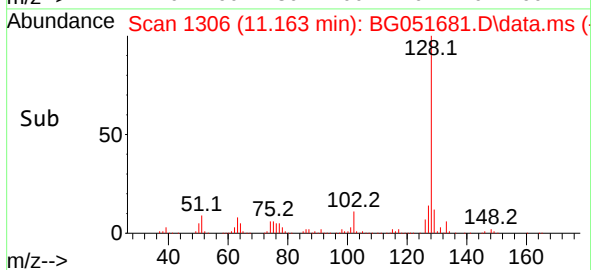
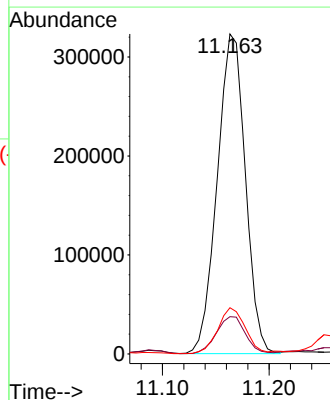
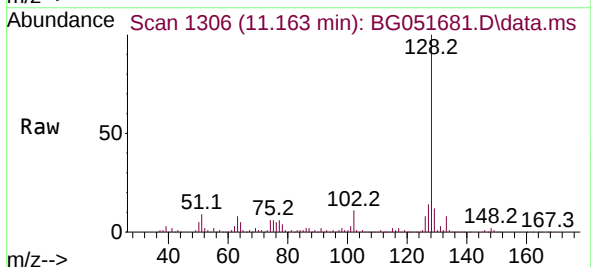
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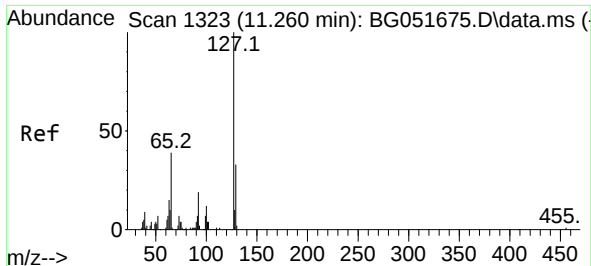
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#30
Naphthalene
Concen: 71.162 ng/ul
RT: 11.163 min Scan# 1306
Delta R.T. -0.014 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

Tgt Ion:128 Resp: 591492
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 14.4 11.8 17.6





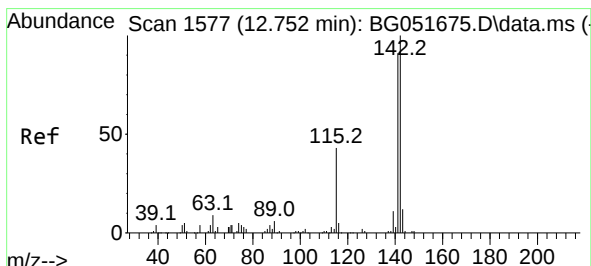
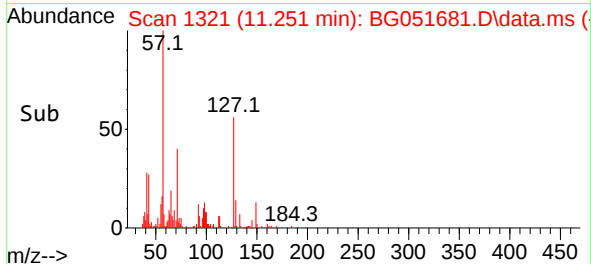
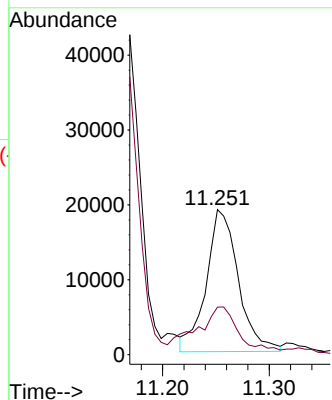
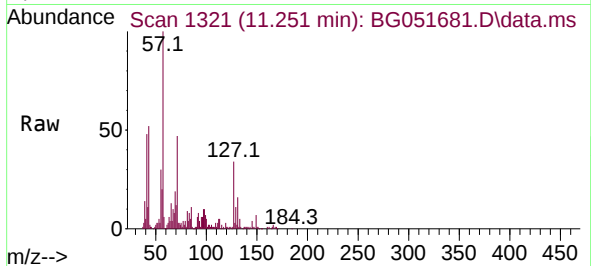
#32
4-Chloroaniline
Concen: 11.029 ng/ul
RT: 11.251 min Scan# 11
Delta R.T. -0.019 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

Instrument :
BNA_G
ClientSampleId :
BGLA9

Tgt Ion:127 Resp: 3976
Ion Ratio Lower Upper
127 100
129 32.7 26.2 39.2

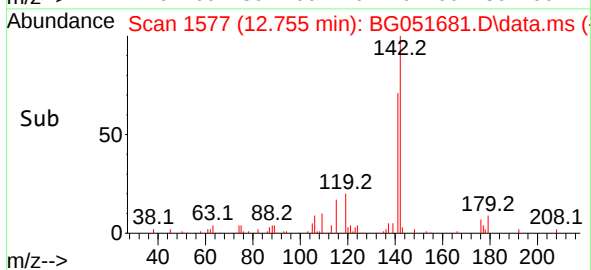
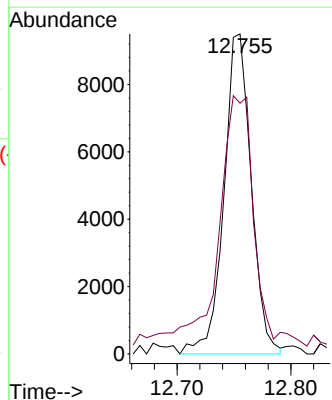
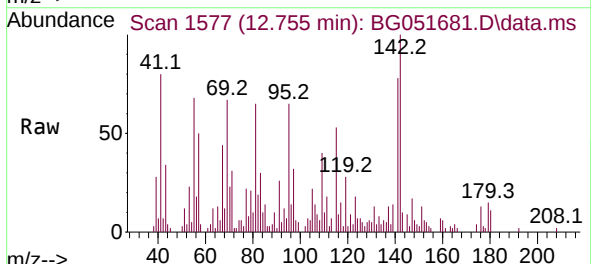
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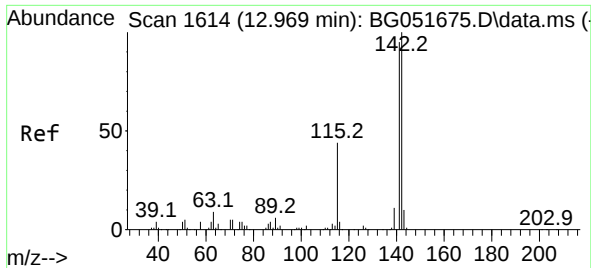
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#36
2-Methylnaphthalene
Concen: 2.670 ng/ul
RT: 12.755 min Scan# 1577
Delta R.T. -0.014 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

Tgt Ion:142 Resp: 15834
Ion Ratio Lower Upper
142 100
141 78.3 73.3 109.9





#37

1-Methylnaphthalene

Concen: 53.469 ng/ul

RT: 12.973 min Scan# 1

Delta R.T. -0.014 min

Lab File: BG051681.D

Acq: 20 Dec 2021 14:46

Instrument :

BNA_G

ClientSampleId :

BGLA9

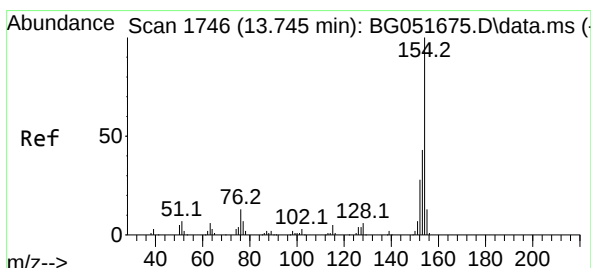
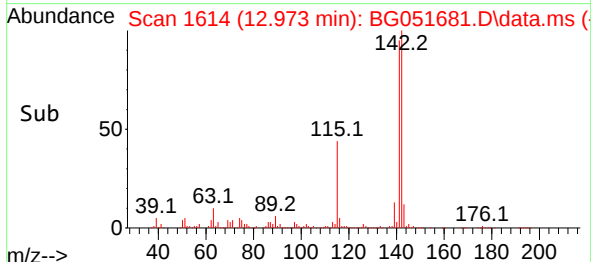
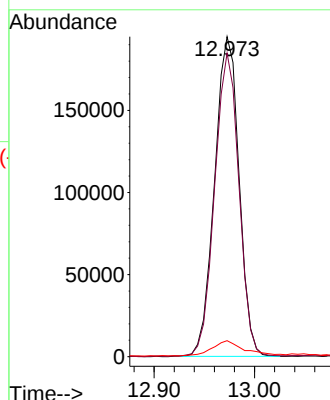
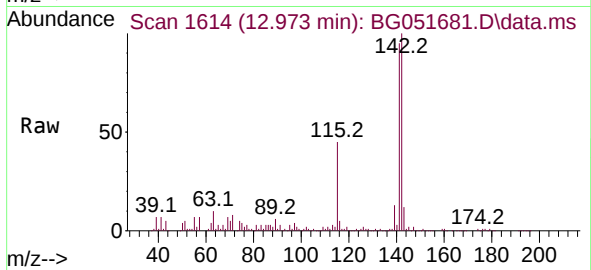
Tgt Ion:142 Resp: 329214

Ion	Ratio	Lower	Upper
142	100		
141	94.9	77.8	116.8
116	5.0	3.3	4.9

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#43

1,1'-Biphenyl

Concen: 8.236 ng/ul

RT: 13.748 min Scan# 1746

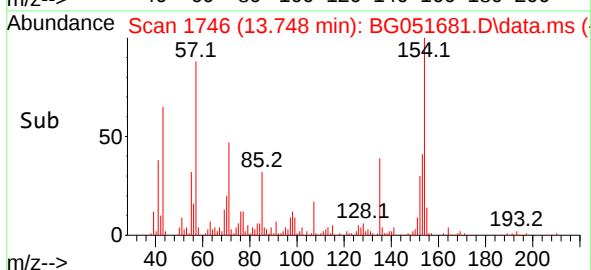
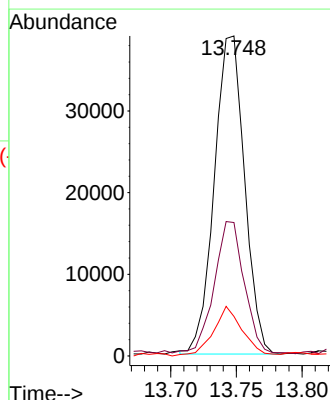
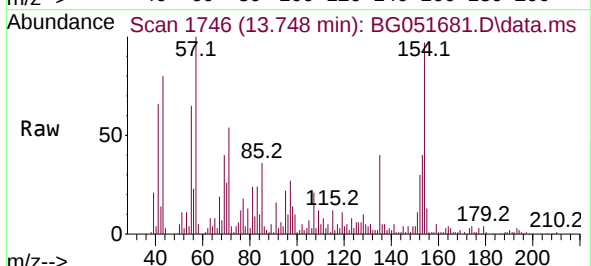
Delta R.T. -0.008 min

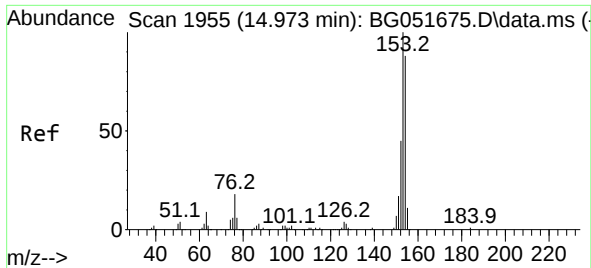
Lab File: BG051681.D

Acq: 20 Dec 2021 14:46

Tgt Ion:154 Resp: 62430

Ion	Ratio	Lower	Upper
154	100		
153	41.7	34.5	51.7
76	12.4	13.1	19.7





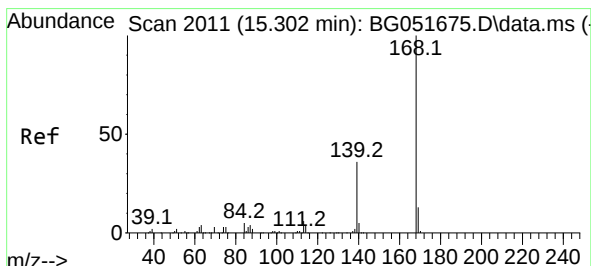
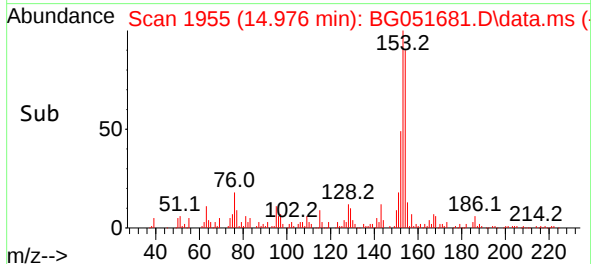
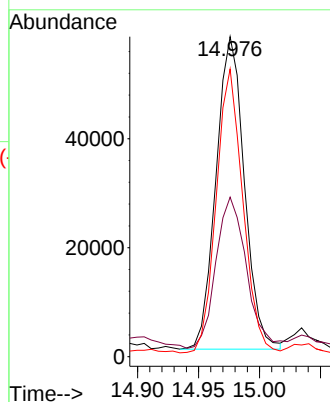
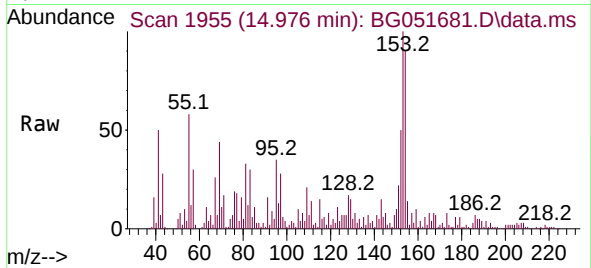
#52
Acenaphthene
Concen: 14.606 ng/uI
RT: 14.976 min Scan# 1955
Delta R.T. -0.008 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

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ClientSampleId :
BGLA9

Tgt Ion:153 Resp: 92870
Ion Ratio Lower Upper
153 100
152 49.8 36.5 54.7
154 89.9 65.8 98.6

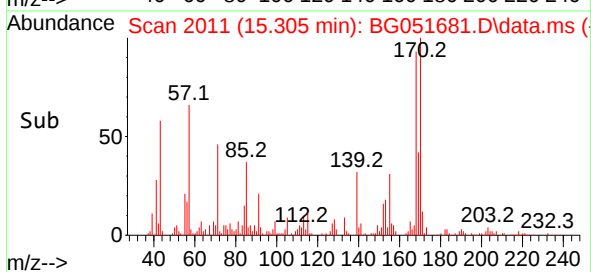
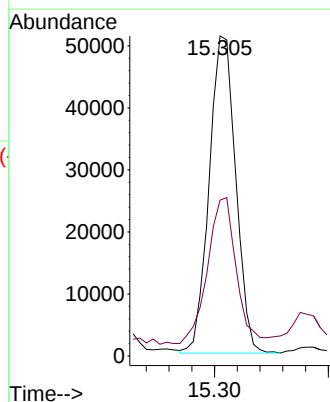
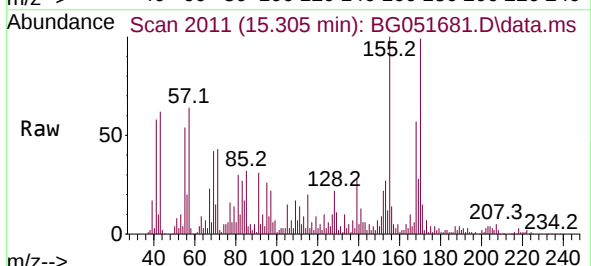
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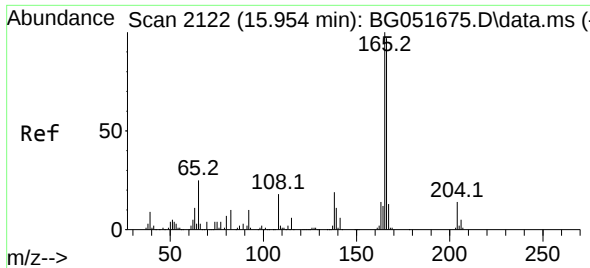
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#56
Dibenzofuran
Concen: 8.879 ng/uI
RT: 15.305 min Scan# 2011
Delta R.T. -0.014 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

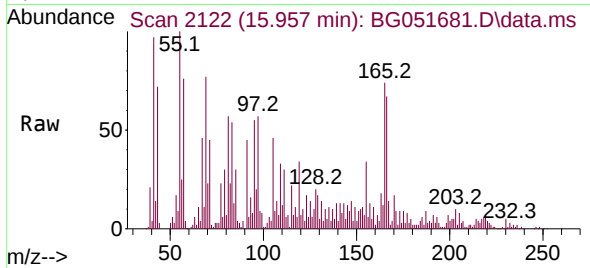
Tgt Ion:168 Resp: 83148
Ion Ratio Lower Upper
168 100
139 48.7 31.2 46.8#





#61
Fluorene
Concen: 9.688 ng/ul
RT: 15.957 min Scan# 2122
Delta R.T. -0.008 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

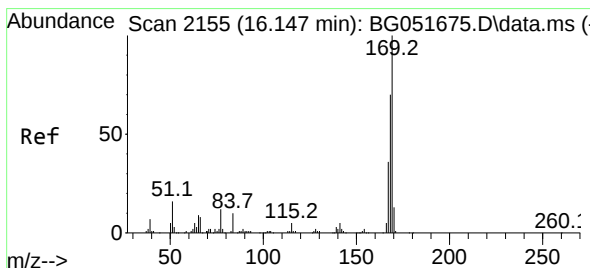
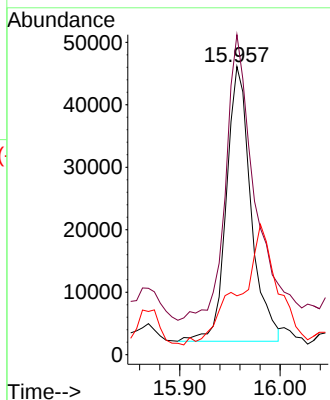
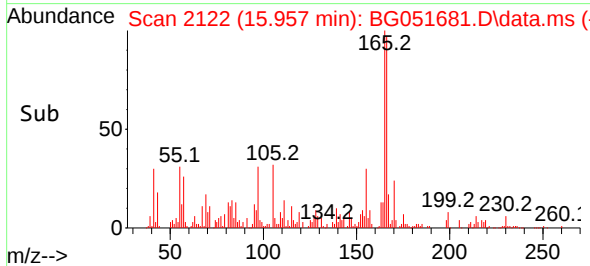
Instrument :
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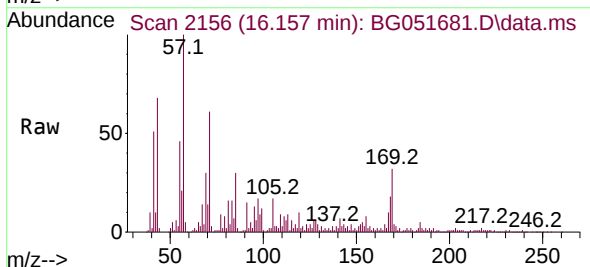
Tgt Ion:166 Resp: 7475
Ion Ratio Lower Upper
166 100
165 111.0 81.0 121.6
167 20.4 11.0 16.4

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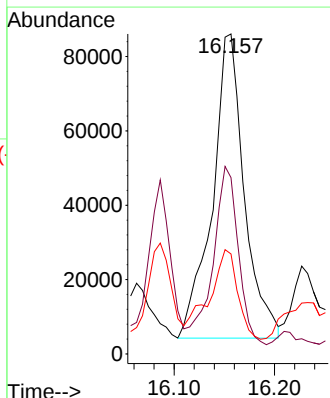
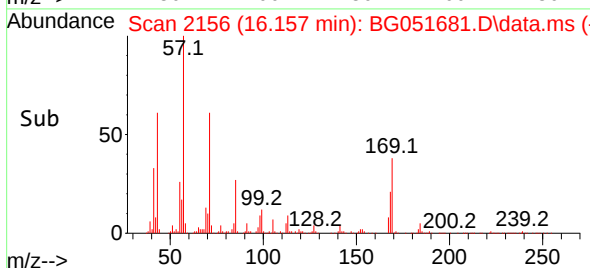
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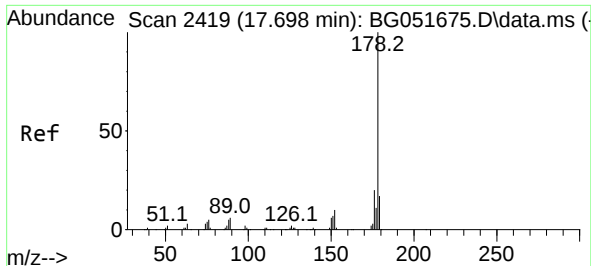


#67
N-Nitrosodiphenylamine
Concen: 34.473 ng/ul
RT: 16.157 min Scan# 2156
Delta R.T. -0.002 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46



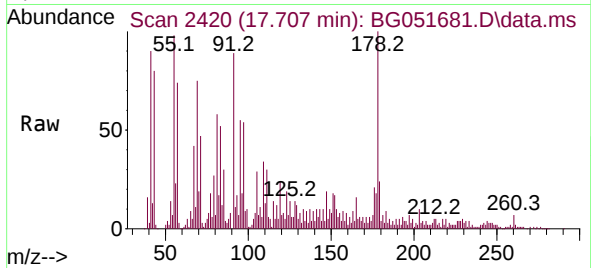
Tgt Ion:169 Resp: 180688
Ion Ratio Lower Upper
169 100
168 55.1 58.5 87.7#
167 31.2 31.3 46.9#





#72
Phenanthrene
Concen: 14.117 ng/ul
RT: 17.707 min Scan# 2419
Delta R.T. -0.002 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

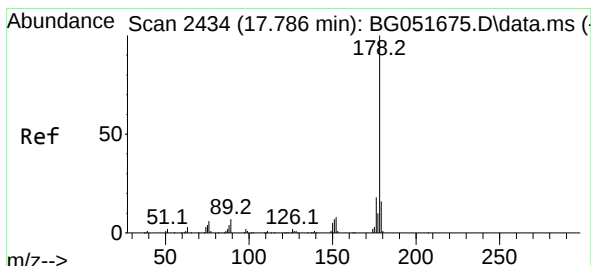
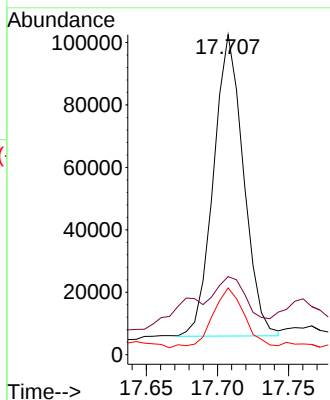
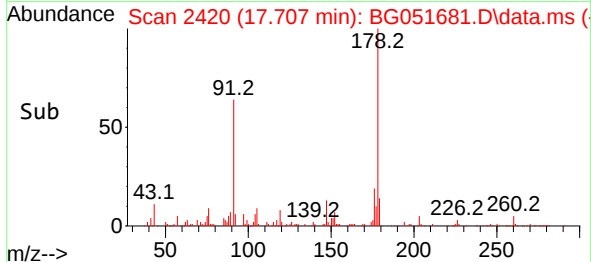
Instrument :
BNA_G
ClientSampleId :
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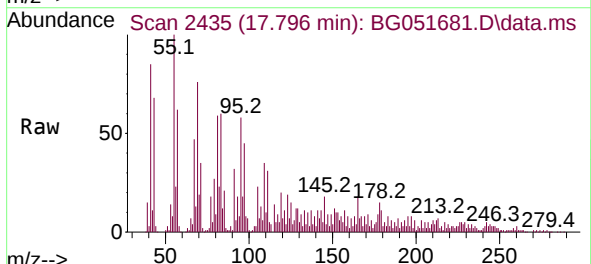
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Ion Ratio Lower Upper
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179 24.4 12.3 18.5
176 20.9 15.5 23.3

Manual Integrations
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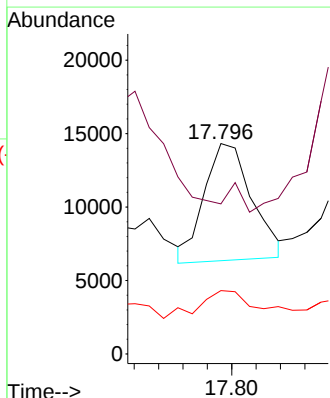
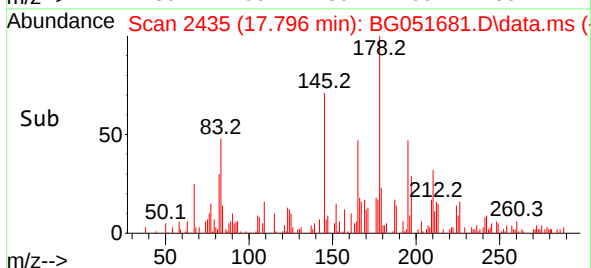
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021

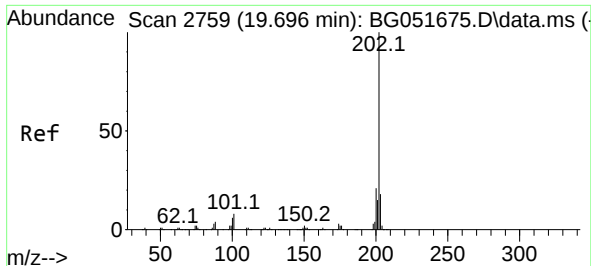


#74
Anthracene
Concen: 1.069 ng/ul
RT: 17.796 min Scan# 2435
Delta R.T. -0.002 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46



Tgt Ion:178 Resp: 10820
Ion Ratio Lower Upper
178 100
179 71.3 13.0 19.6#
176 30.1 15.6 23.4#





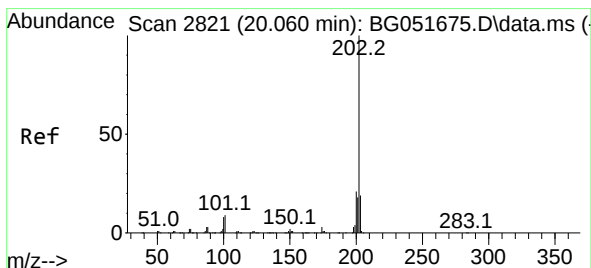
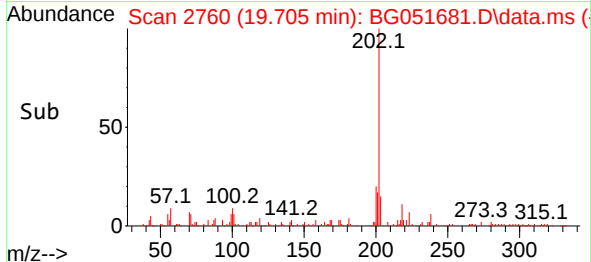
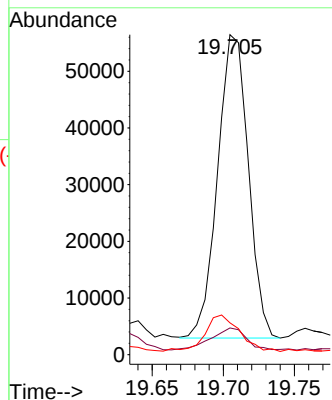
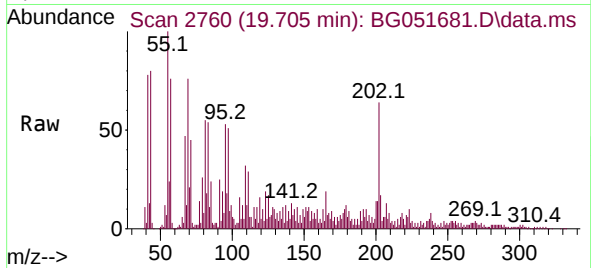
#80
Fluoranthene
Concen: 5.947 ng/ul
RT: 19.705 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

Instrument :
BNA_G
ClientSampleId :
BGLA9

Tgt Ion:202 Resp: 8035
Ion Ratio Lower Upper
202 100
101 8.4 9.3 13.9#
100 9.9 7.0 10.6

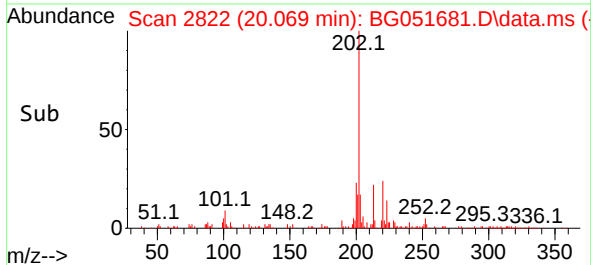
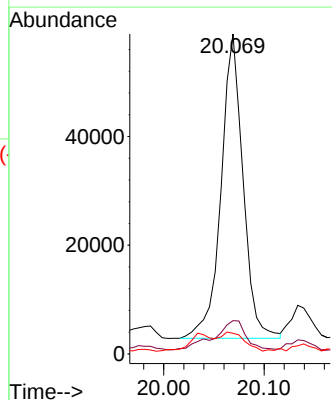
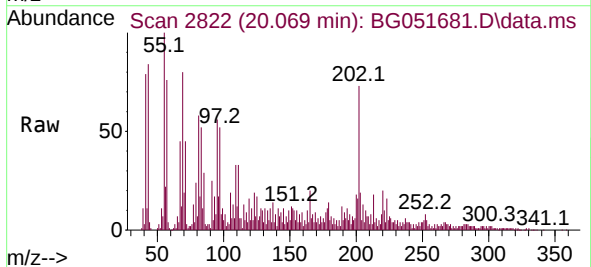
Manual Integrations
APPROVED

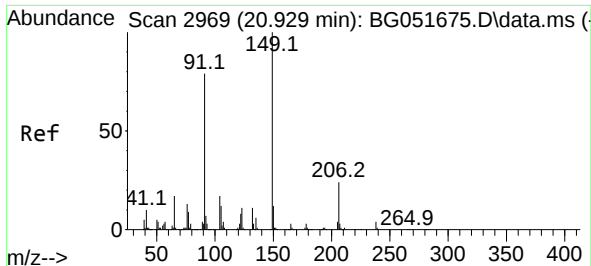
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#82
Pyrene
Concen: 6.356 ng/ul
RT: 20.069 min Scan# 2822
Delta R.T. 0.004 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

Tgt Ion:202 Resp: 84993
Ion Ratio Lower Upper
202 100
101 10.4 10.7 16.1#
100 6.5 9.0 13.6#





#83
Butylbenzylphthalate
Concen: 28.433 ng/ul
RT: 20.938 min Scan# 2969
Delta R.T. -0.008 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

Instrument :

BNA_G

ClientSampleId :

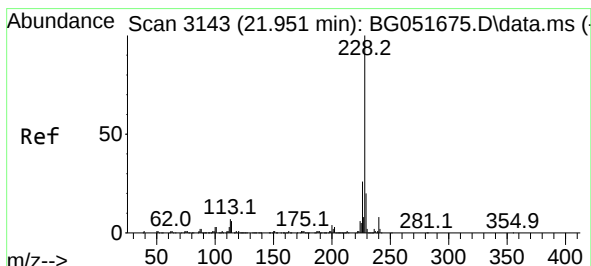
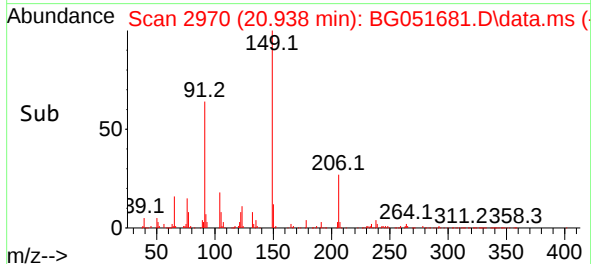
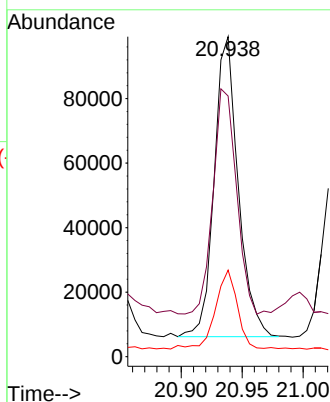
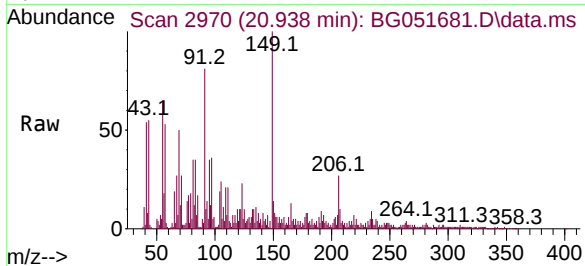
BGLA9

Tgt Ion:149 Resp: 12749
Ion Ratio Lower Upper
149 100
91 81.5 65.2 97.8
206 27.1 16.2 24.2

Manual Integrations

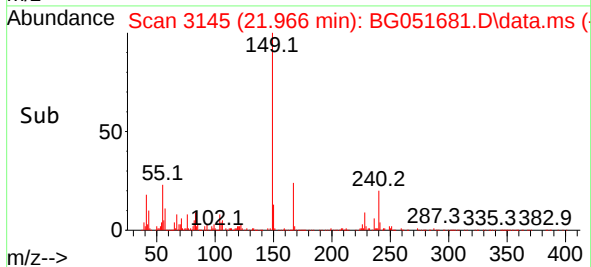
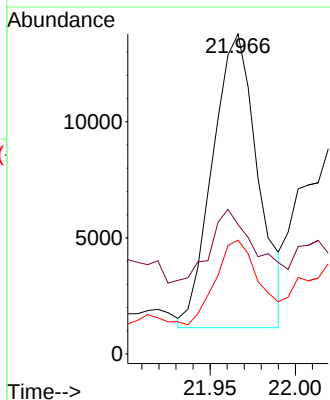
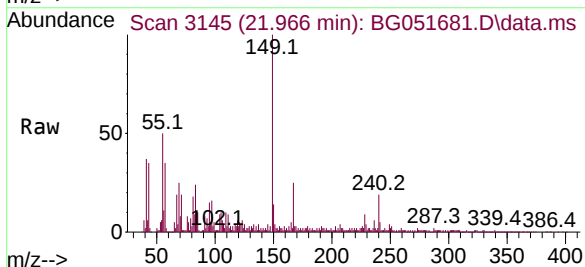
APPROVED

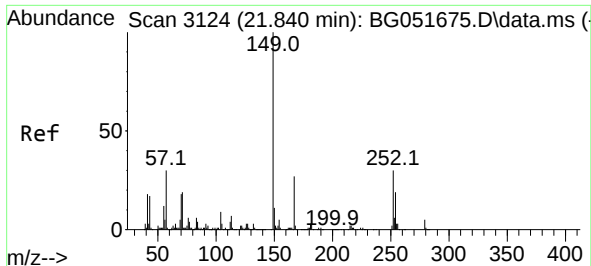
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#85
Benzo(a)anthracene
Concen: 1.844 ng/ul
RT: 21.966 min Scan# 3145
Delta R.T. -0.002 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

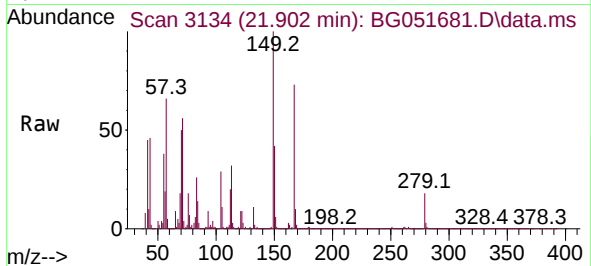
Tgt Ion:228 Resp: 23461
Ion Ratio Lower Upper
228 100
229 40.4 15.7 23.5#
226 35.5 22.3 33.5#





#86
Bis(2-ethylhexyl)phthalate
Concen: 1674.796 ng/ul
RT: 21.902 min Scan# 3124
Delta R.T. 0.033 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

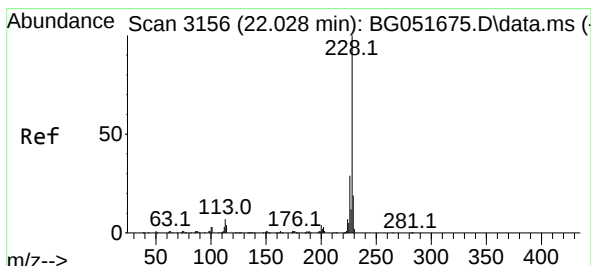
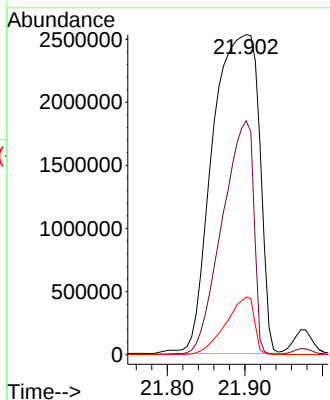
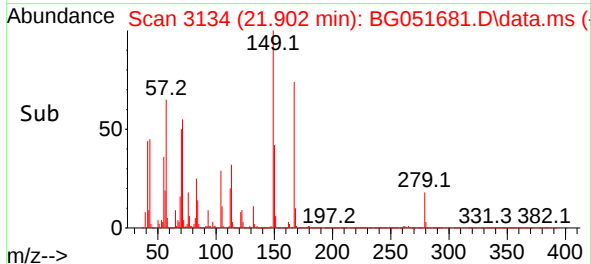
Instrument :
BNA_G
ClientSampleId :
BGLA9



Tgt Ion:149 Resp:1051960
Ion Ratio Lower Upper
149 100
167 73.1 21.1 31.7
279 18.0 2.7 4.1

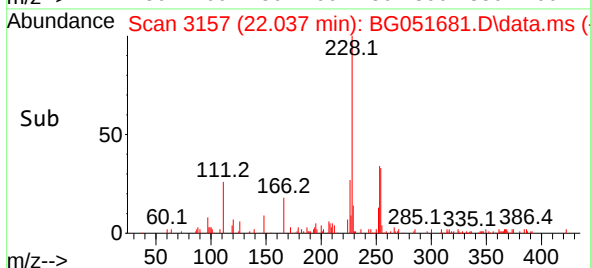
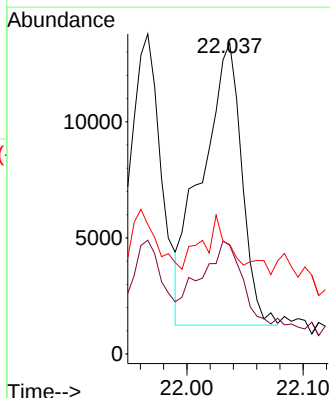
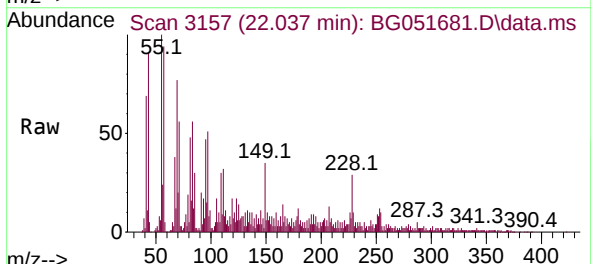
Manual Integrations
APPROVED

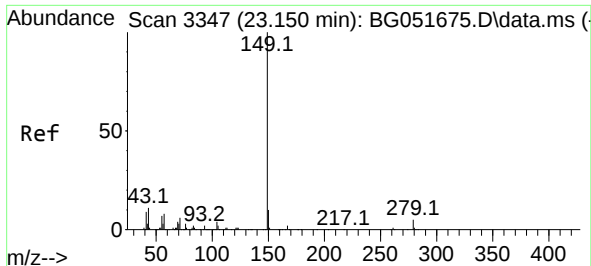
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#87
Chrysene
Concen: 2.368 ng/ul m
RT: 22.037 min Scan# 3157
Delta R.T. -0.002 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

Tgt Ion:228 Resp: 29110
Ion Ratio Lower Upper
228 100
226 34.9 24.8 37.2
229 35.2 15.8 23.6





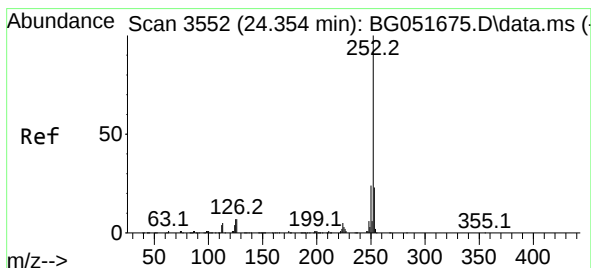
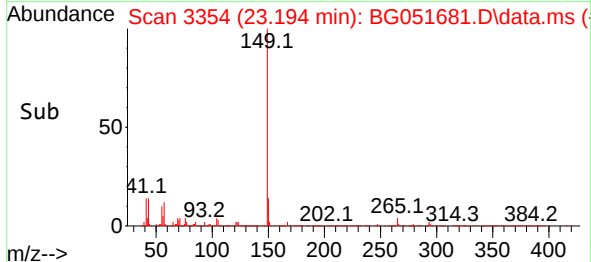
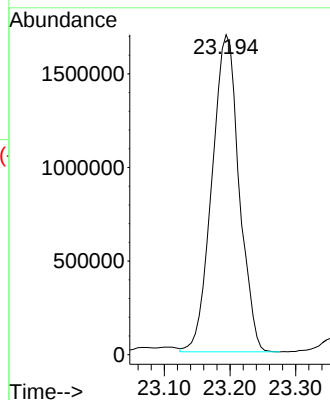
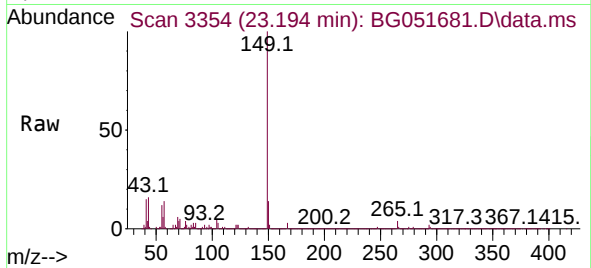
#89
Di-n-octyl phthalate
Concen: 448.997 ng/ul
RT: 23.194 min Scan# 3347
Delta R.T. 0.010 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

Instrument :
BNA_G
ClientSampleId :
BGLA9

Tgt Ion:149 Resp: 4877798

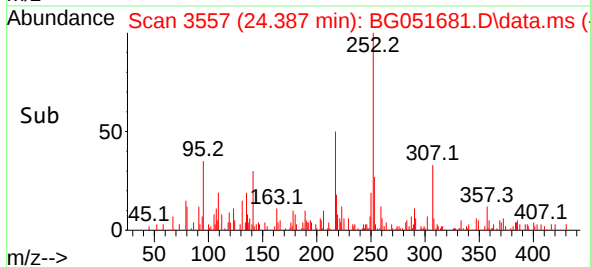
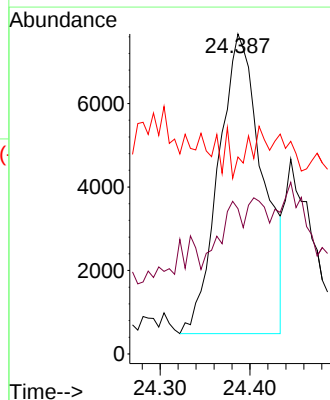
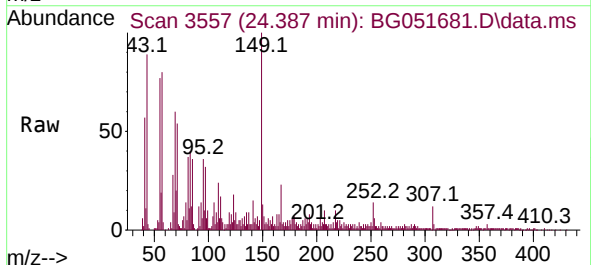
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APPROVED

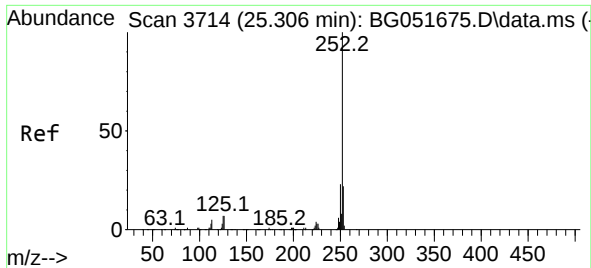
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#90
Benzo(b)fluoranthene
Concen: 1.810 ng/ul
RT: 24.387 min Scan# 3557
Delta R.T. 0.016 min
Lab File: BG051681.D
Acq: 20 Dec 2021 14:46

Tgt Ion:252 Resp: 24449
Ion Ratio Lower Upper
252 100
253 45.4 17.8 26.6#
125 61.6 8.5 12.7#





#93

Benzo(a)pyrene

Concen: 1.043 ng/ul m

RT: 25.344 min Scan# 3

Delta R.T. 0.016 min

Lab File: BG051681.D

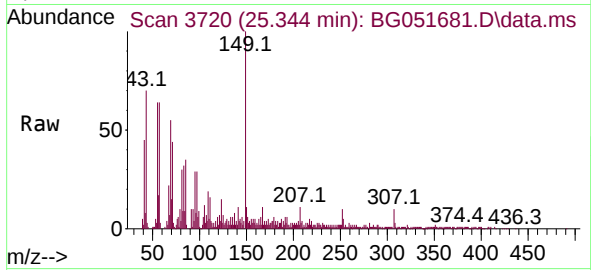
Acq: 20 Dec 2021 14:46

Instrument :

BNA_G

ClientSampleId :

BGLA9



Tgt Ion:252 Resp: 1329

Ion Ratio Lower Upper

252 100

253 48.1 17.4 26.2

125 78.3 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2021

Supervised By :mohammad ahmed 12/28/2021

