

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051611.D
 Acq On : 18 Dec 2021 1:08
 Operator : CG/JU
 Sample : M5121-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL63

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 18 01:52:37 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	8.275	152	40040	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	161540	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.908	164	106809	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	206190	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.980	240	189618	20.000	ng/ul	# 0.00
88) Perylene-d12	25.493	264	202081	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	2825	2.930	ng/uL	0.00
4) Pyridine-d5	4.040	84	10463	3.592	ng/ul	0.00
7) Phenol-d5	7.400	99	59579	16.665	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.576	67	36234	17.049	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.794	132	43100	17.334	ng/ul	-0.02
15) 4-Methylphenol-d8	8.969	113	46823	16.944	ng/ul	-0.01
21) Nitrobenzene-d5	9.444	128	23118	19.520	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	25387	19.609	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	48356	17.223	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.230	131	23915	6.470	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	160044	18.721	ng/ul	-0.02
49) Acenaphthylene-d8	14.602	160	196252	18.484	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.066	143	19642	14.129	ng/ul	-0.01
60) Fluorene-d10	15.900	176	133872	17.478	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.994	200	14907	13.876	ng/ul	-0.02
73) Anthracene-d10	17.757	188	200777	20.413	ng/ul	0.00
81) Pyrene-d10	20.036	212	218514	19.147	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.247	264	203608	19.149	ng/ul	0.00
Target Compounds						
8) Phenol	7.435	94	4389	1.235	ng/ul	97
50) Acenaphthylene	14.637	152	12267	1.181	ng/ul#	87
69) Hexachlorobenzene	16.964	284	4434	1.680	ng/ul#	80
82) Pyrene	20.065	202	21108	1.628	ng/ul	97
83) Butylbenzylphthalate	20.935	149	51800m	11.915	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.857	149	1197234	196.600	ng/ul#	98
87) Chrysene	22.027	228	17601m	1.477	ng/ul	
89) Di-n-octyl phthalate	23.179	149	621296	57.081	ng/ul	100
90) Benzo(b)fluoranthene	24.365	252	52783	3.900	ng/ul#	92
93) Benzo(a)pyrene	25.323	252	20911	1.637	ng/ul#	86
94) Indeno(1,2,3-cd)pyrene	29.529	276	48955m	3.510	ng/ul	
95) Dibenzo(a,h)anthracene	29.558	278	17430m	1.463	ng/ul	
96) Benzo(g,h,i)perylene	30.798	276	46874m	3.966	ng/ul	

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

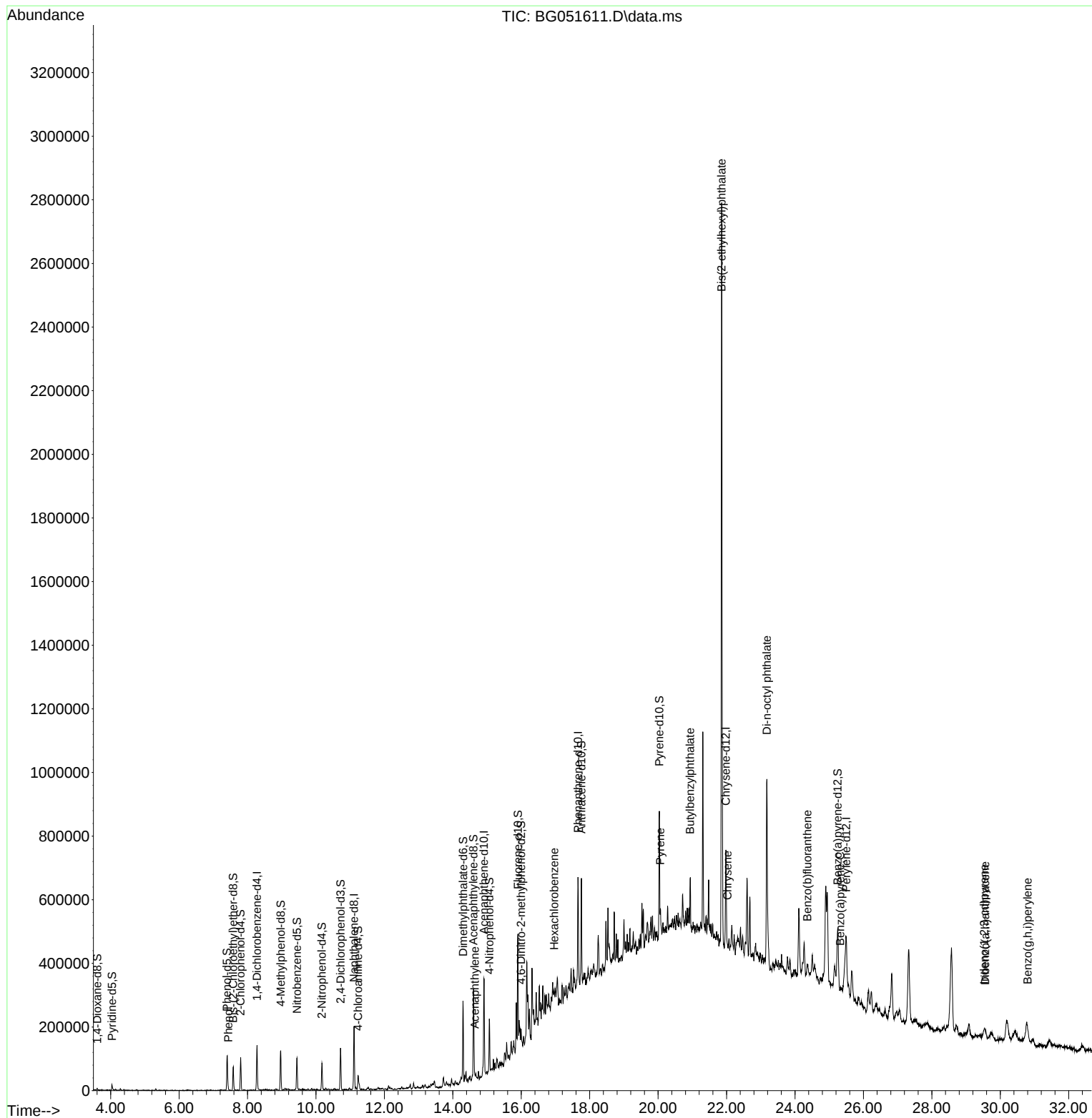
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 Data File : BG051611.D
 Acq On : 18 Dec 2021 1:08
 Operator : CG/JU
 Sample : M5121-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

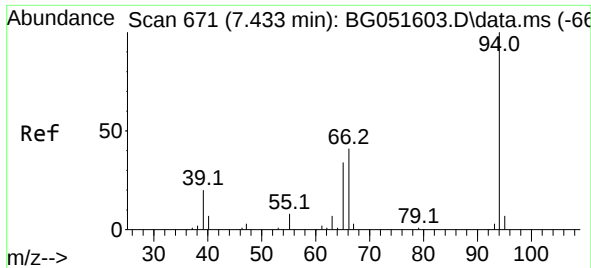
Instrument :
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 Quant Title : SVOA CALIBRATION
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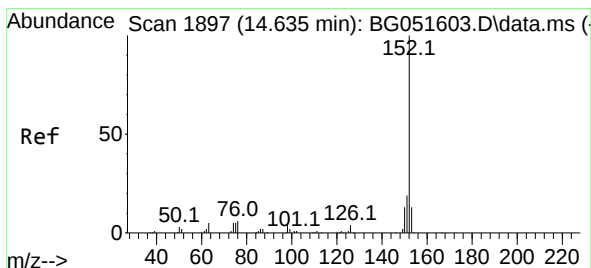
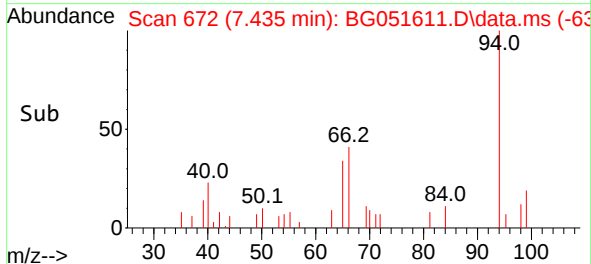
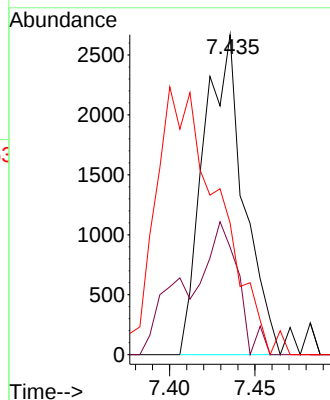
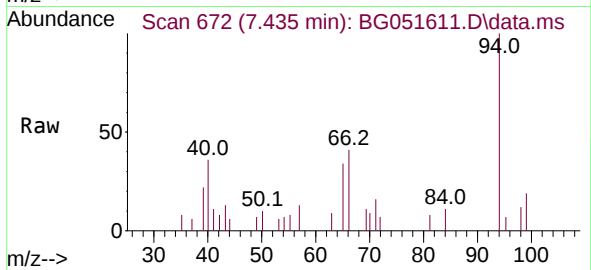
#8
Phenol
Concen: 1.235 ng/ul
RT: 7.435 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08

Instrument :
BNA_G
ClientSampleId :
BGL63

Tgt Ion: 94 Resp: 4389
Ion Ratio Lower Upper
94 100
65 33.5 25.1 37.7
66 41.1 31.6 47.4

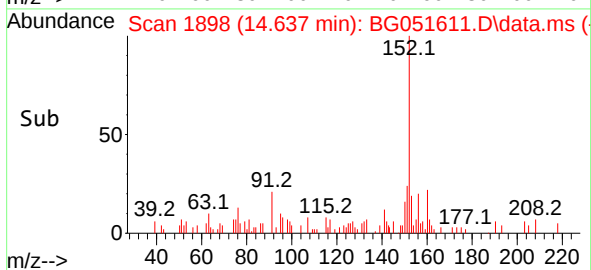
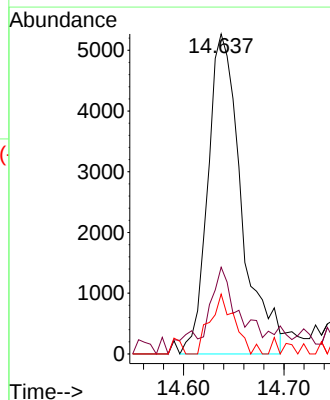
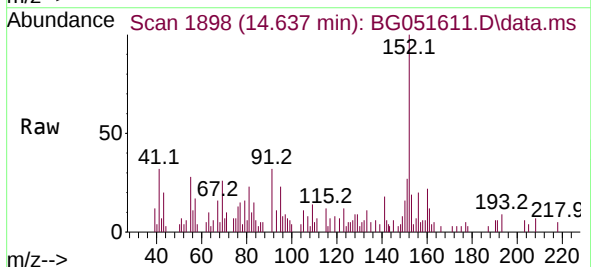
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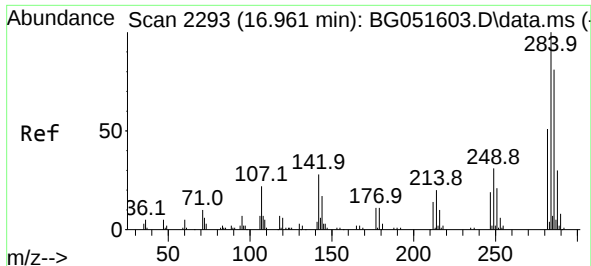
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#50
Acenaphthylene
Concen: 1.181 ng/ul
RT: 14.637 min Scan# 1898
Delta R.T. -0.005 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08

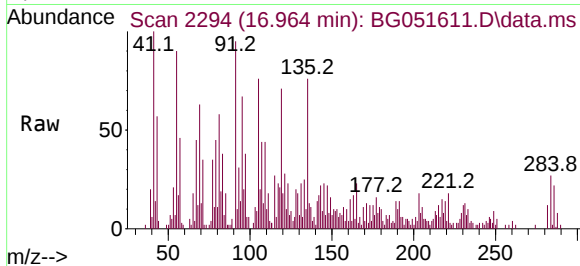
Tgt Ion:152 Resp: 12267
Ion Ratio Lower Upper
152 100
151 27.1 17.4 26.0#
153 18.7 10.3 15.5#





#69
Hexachlorobenzene
Concen: 1.680 ng/ul
RT: 16.964 min Scan# 211
Delta R.T. -0.011 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08

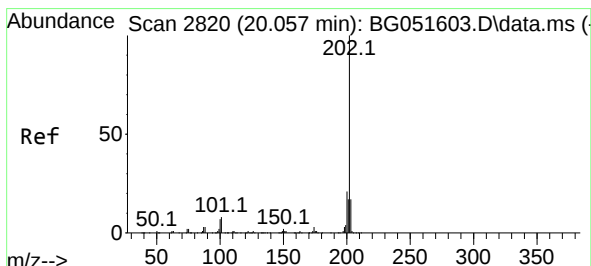
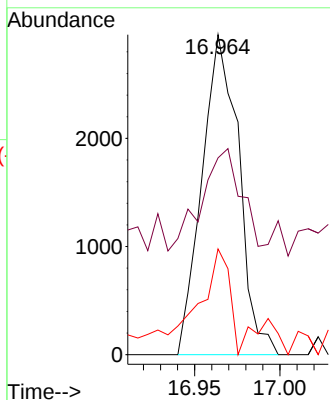
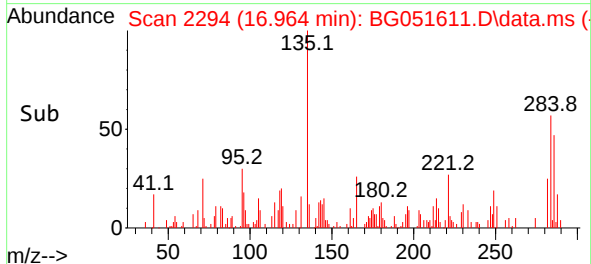
Instrument :
BNA_G
ClientSampleId :
BGL63



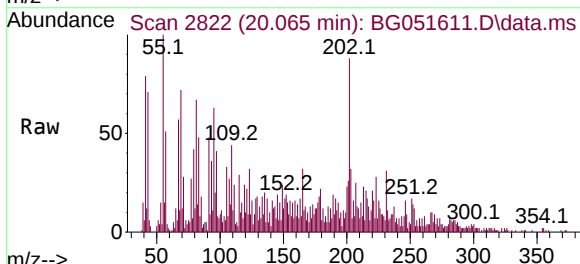
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Ion Ratio Lower Upper
284 100
142 61.5 31.9 47.9
249 33.1 25.8 38.6

Manual Integrations
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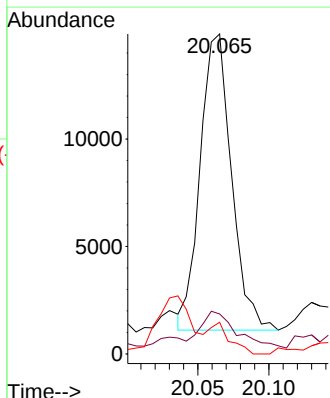
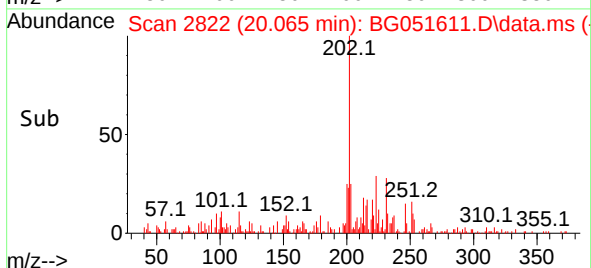
Reviewed By :Jagrut Upadhyay 12/20/2021
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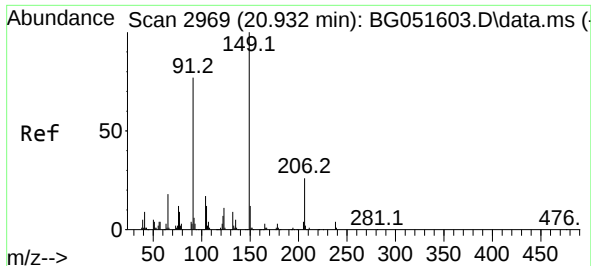


#82
Pyrene
Concen: 1.628 ng/ul
RT: 20.065 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08



Tgt Ion:202 Resp: 21108
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 9.9 9.0 13.6





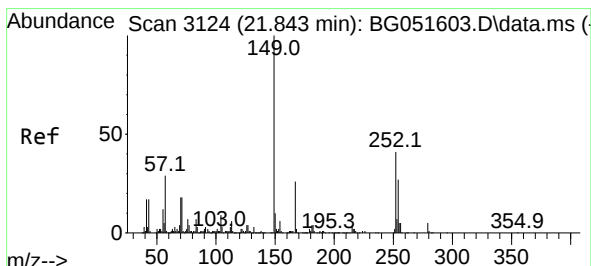
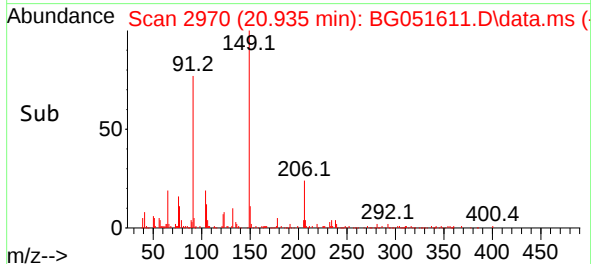
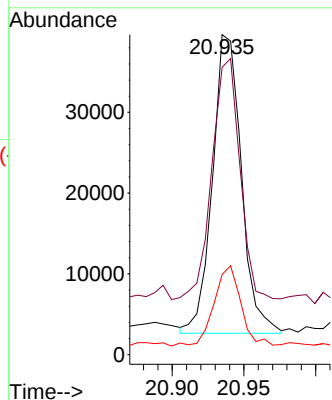
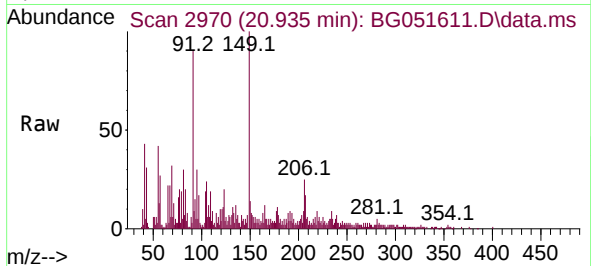
#83
Butylbenzylphthalate
Concen: 11.915 ng/ul m
RT: 20.935 min Scan# 2969
Delta R.T. -0.011 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08

Instrument :
BNA_G
ClientSampleId :
BGL63

Tgt Ion:149 Resp: 51800
Ion Ratio Lower Upper
149 100
91 89.8 65.2 97.8
206 25.0 16.2 24.2

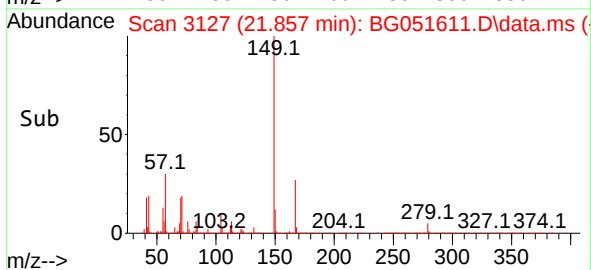
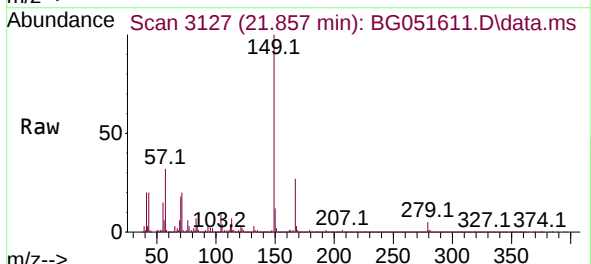
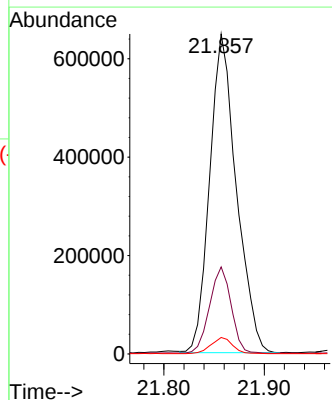
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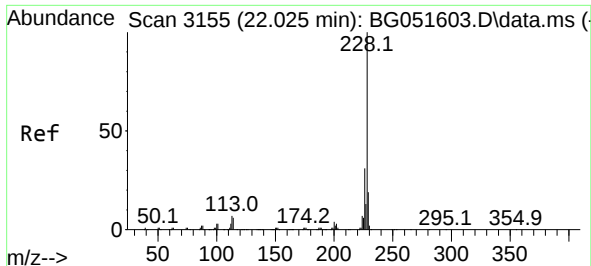
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#86
Bis(2-ethylhexyl)phthalate
Concen: 196.600 ng/ul
RT: 21.857 min Scan# 3127
Delta R.T. -0.011 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08

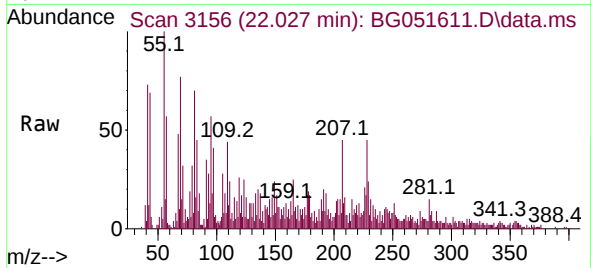
Tgt Ion:149 Resp: 1197234
Ion Ratio Lower Upper
149 100
167 27.2 21.1 31.7
279 5.2 2.7 4.1#





#87
Chrysene
Concen: 1.477 ng/ul m
RT: 22.027 min Scan# 3155
Delta R.T. -0.011 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08

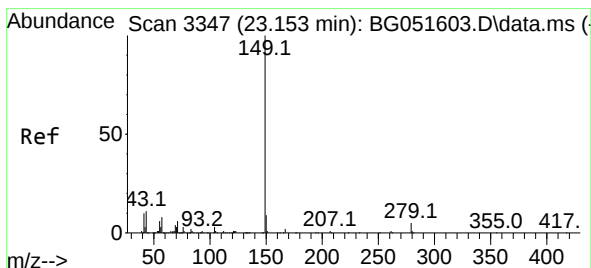
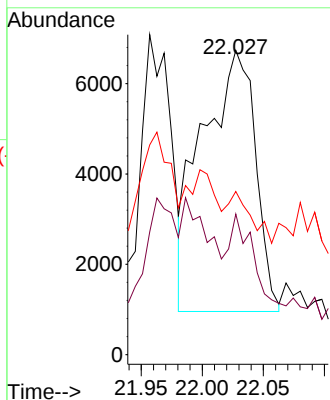
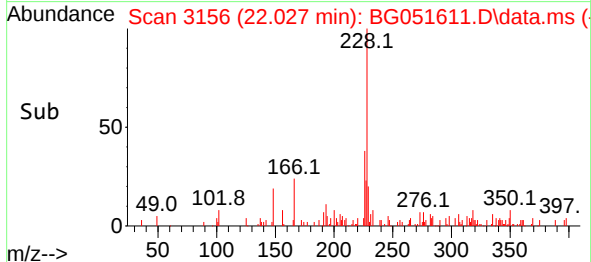
Instrument :
BNA_G
ClientSampleId :
BGL63



Tgt Ion:228 Resp: 1760
Ion Ratio Lower Upper
228 100
226 46.2 24.8 37.2
229 53.6 15.8 23.6

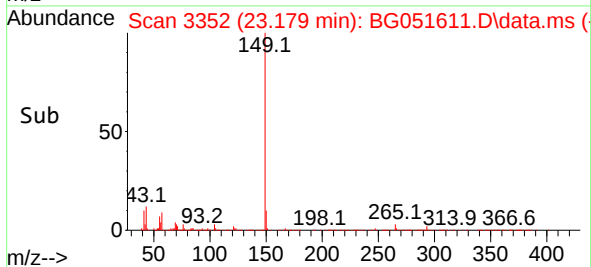
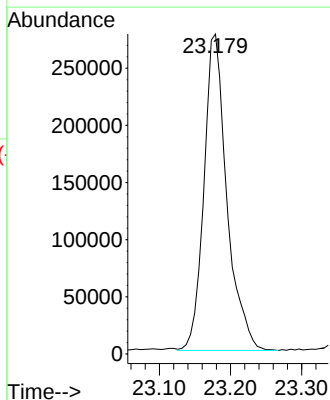
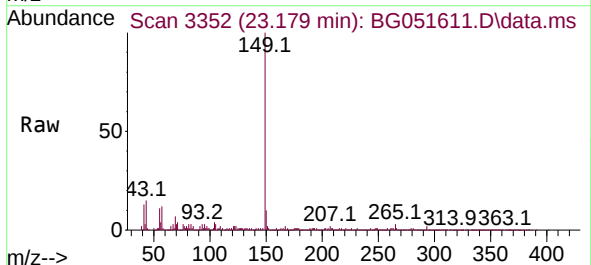
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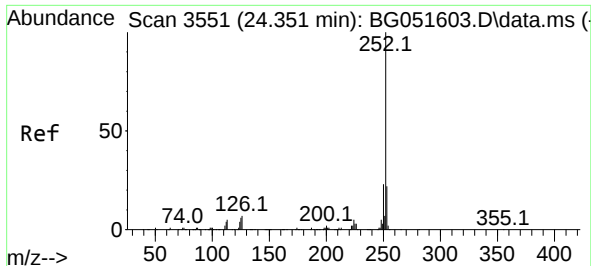
Reviewed By :Jagrut Upadhyay 12/20/2021
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#89
Di-n-octyl phthalate
Concen: 57.081 ng/ul
RT: 23.179 min Scan# 3352
Delta R.T. -0.005 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08

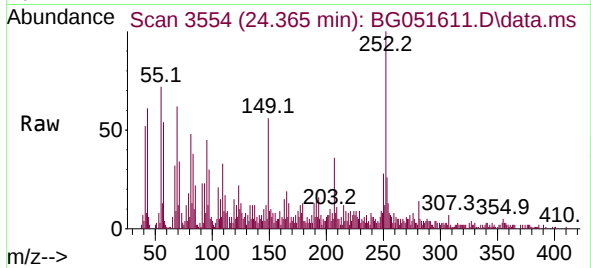
Tgt Ion:149 Resp: 621296





#90
Benzo(b)fluoranthene
Concen: 3.900 ng/uI
RT: 24.365 min Scan# 3551
Delta R.T. -0.005 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08

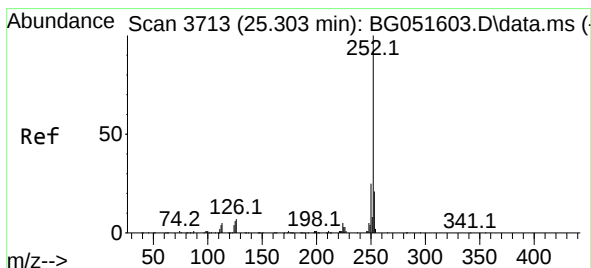
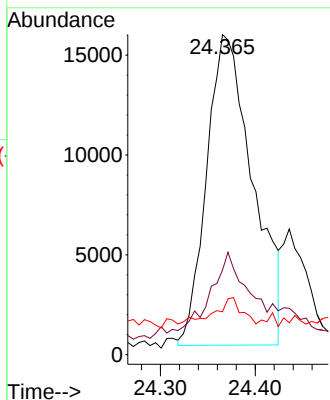
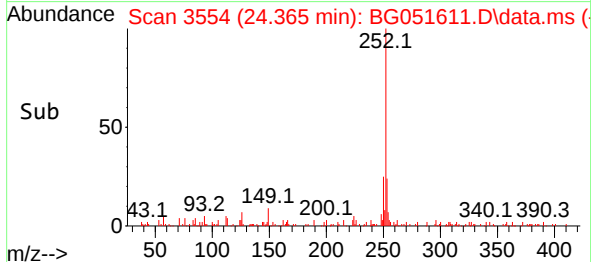
Instrument :
BNA_G
ClientSampleId :
BGL63



Tgt Ion:252 Resp: 5278
Ion Ratio Lower Upper
252 100
253 26.4 17.8 26.6
125 13.4 8.5 12.7

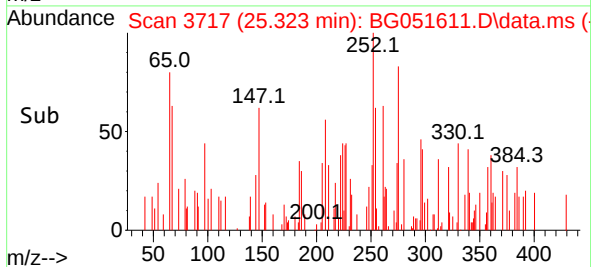
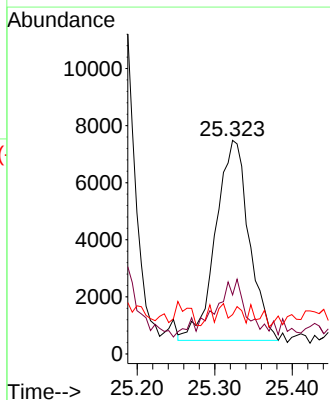
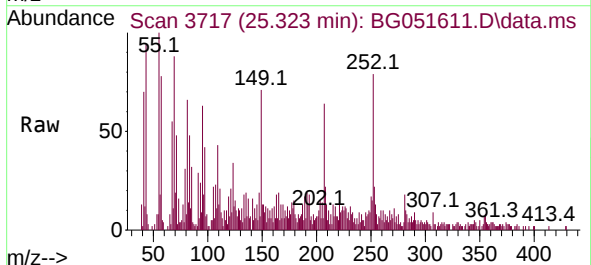
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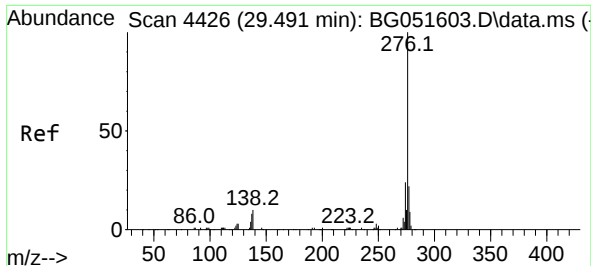
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#93
Benzo(a)pyrene
Concen: 1.637 ng/uI
RT: 25.323 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08

Tgt Ion:252 Resp: 20911
Ion Ratio Lower Upper
252 100
253 27.6 17.4 26.2#
125 18.5 9.1 13.7#





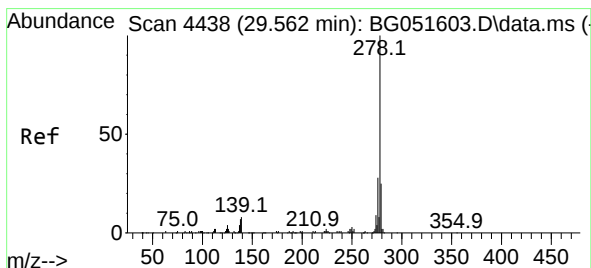
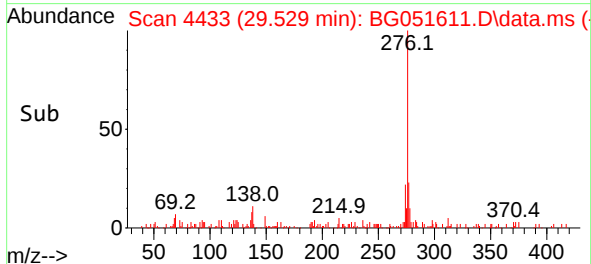
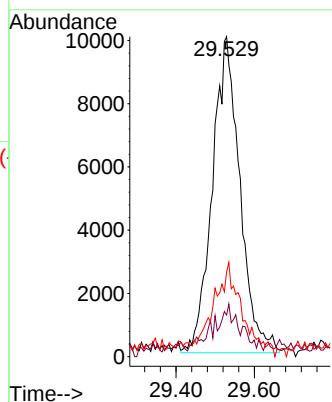
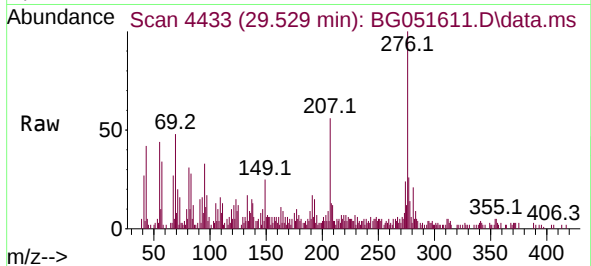
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Indeno(1,2,3-cd)pyrene
Concen: 3.510 ng/ul m
RT: 29.529 min Scan# 4426
Delta R.T. -0.005 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08

Instrument :
BNA_G
ClientSampleId :
BGL63

Tgt Ion:276 Resp: 4895
Ion Ratio Lower Upper
276 100
138 13.0 15.5 23.3#
277 26.4 20.5 30.7

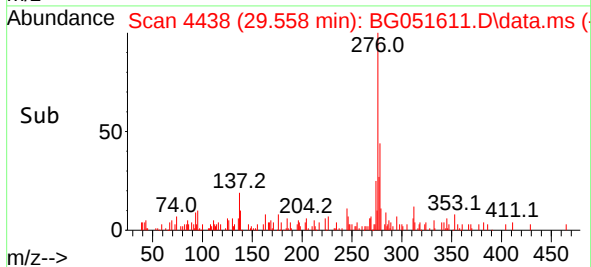
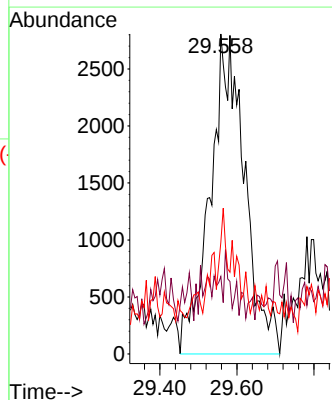
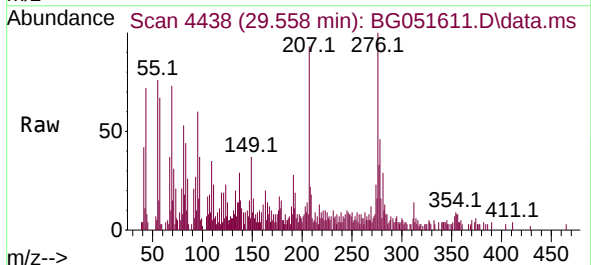
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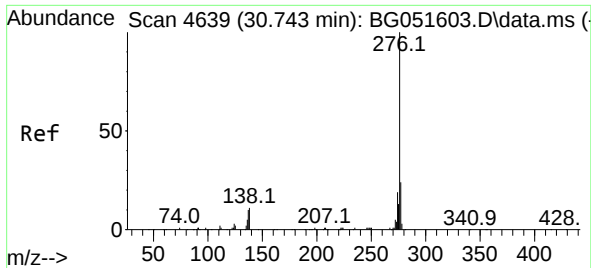
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#95
Dibenzo(a,h)anthracene
Concen: 1.463 ng/ul m
RT: 29.558 min Scan# 4438
Delta R.T. -0.047 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08

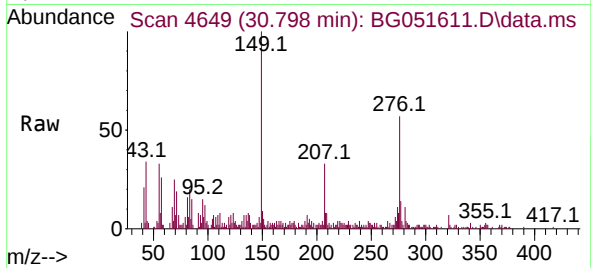
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Ion Ratio Lower Upper
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139 24.2 12.2 18.4#
279 34.9 19.5 29.3#





#96
Benzo(g,h,i)perylene
Concen: 3.966 ng/ul m
RT: 30.798 min Scan# 4649
Delta R.T. 0.006 min
Lab File: BG051611.D
Acq: 18 Dec 2021 1:08

Instrument :
BNA_G
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Tgt Ion:276 Resp: 46874
Ion Ratio Lower Upper
276 100
138 12.2 16.6 24.8
277 24.7 17.6 26.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

