

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051625.D
 Acq On : 18 Dec 2021 11:14
 Operator : CG/JU
 Sample : M5121-12DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 20:04:53 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	45591	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.112	136	178001	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.913	164	111980	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.656	188	223794m	20.000	ng/u1	0.00
79) Chrysene-d12	21.991	240	235662m	20.000	ng/u1	0.00
88) Perylene-d12	25.516	264	238460	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	579	0.527	ng/uL	0.00
4) Pyridine-d5	4.039	84	4548m	1.371	ng/u1	0.00
7) Phenol-d5	7.405	99	13350	3.280	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.575	67	9348	3.863	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.799	132	10984	3.880	ng/u1	-0.01
15) 4-Methylphenol-d8	8.962	113	10751	3.417	ng/u1	-0.02
21) Nitrobenzene-d5	9.444	128	5753	4.408	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.172	143	5892	4.130	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.718	165	11931	3.857	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.235	131	7217	1.772	ng/u1	0.00
46) Dimethylphthalate-d6	14.296	166	37842	4.222	ng/u1	-0.02
49) Acenaphthylene-d8	14.607	160	48213	4.331	ng/u1	0.00
54) 4-Nitrophenol-d4	15.071	143	3707	2.543	ng/u1	0.00
60) Fluorene-d10	15.900	176	32453	4.041	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.993	200	2391m	2.051	ng/u1	-0.02
73) Anthracene-d10	17.756	188	49222	4.611	ng/u1	0.00
81) Pyrene-d10	20.035	212	75289m	5.308	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.275	264	55801	4.447	ng/u1	0.02
Target Compounds						
					Qvalue	
52) Acenaphthene	14.977	153	9104	1.265	ng/u1	96
61) Fluorene	15.958	166	12898	1.477	ng/u1#	96
80) Fluoranthene	19.706	202	31767m	1.951	ng/u1	
82) Pyrene	20.064	202	310626m	19.280	ng/u1	
83) Butylbenzylphthalate	20.963	149	10043m	1.859	ng/u1	
85) Benzo(a)anthracene	21.968	228	150693m	9.829	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.868	149	3097812m	409.308	ng/u1	
87) Chrysene	22.044	228	360272m	24.322	ng/u1	
89) Di-n-octyl phthalate	23.196	149	2185779	170.181	ng/u1	100
90) Benzo(b)fluoranthene	24.400	252	73976	4.631	ng/u1#	66
93) Benzo(a)pyrene	25.346	252	164177	10.891	ng/u1#	81
94) Indeno(1,2,3-cd)pyrene	29.546	276	27102m	1.647	ng/u1	
96) Benzo(g,h,i)perylene	30.826	276	114173m	8.187	ng/u1	

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

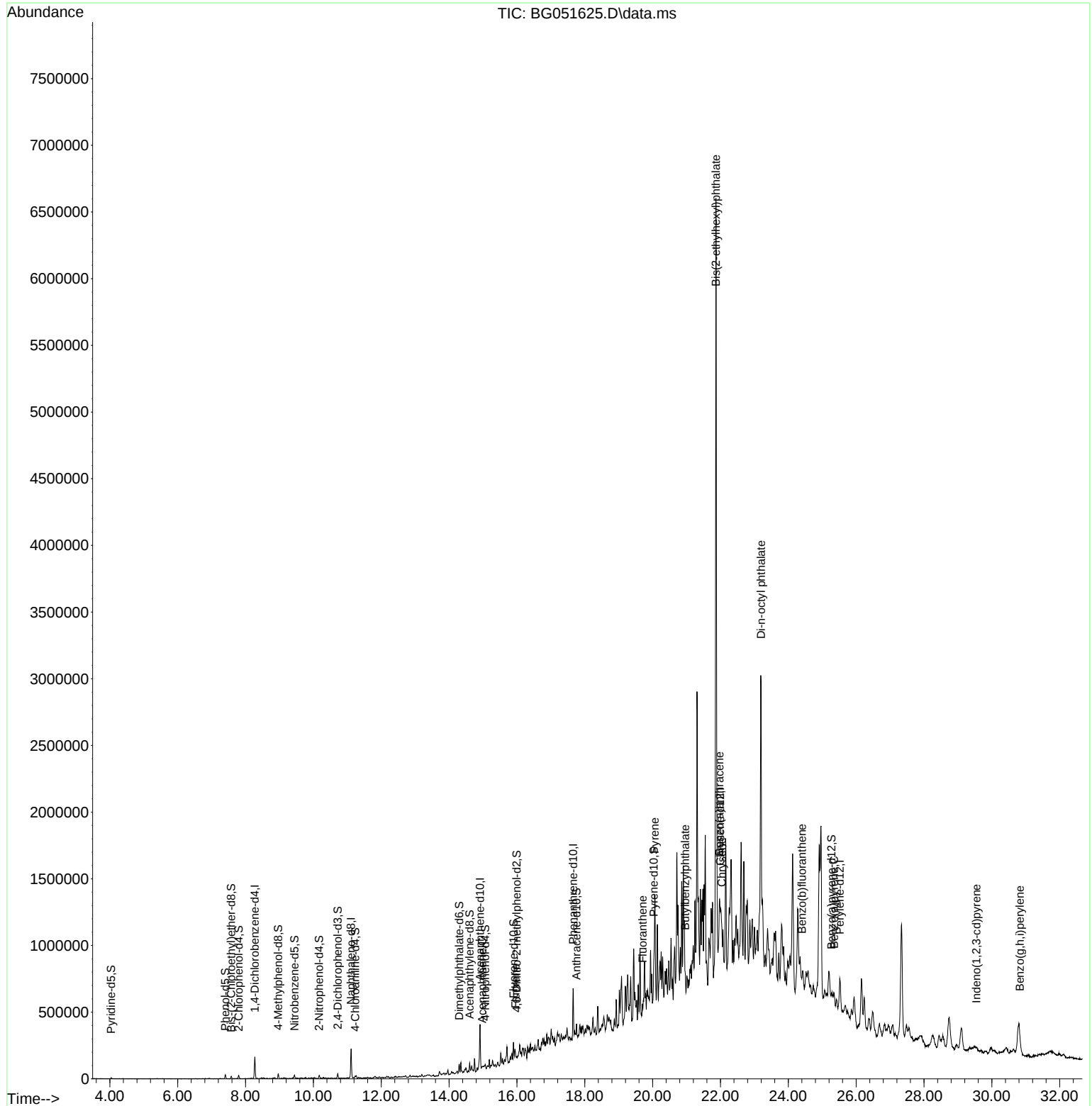
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 Data File : BG051625.D
 Acq On : 18 Dec 2021 11:14
 Operator : CG/JU
 Sample : M5121-12DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

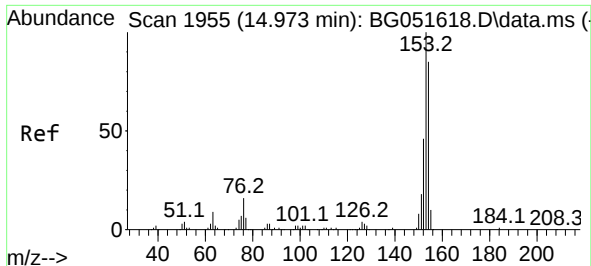
Instrument :
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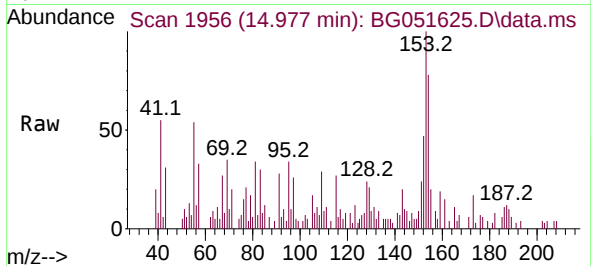
Quant Time: Dec 18 20:04:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
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#52
Acenaphthene
Concen: 1.265 ng/ul
RT: 14.977 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG051625.D
Acq: 18 Dec 2021 11:14

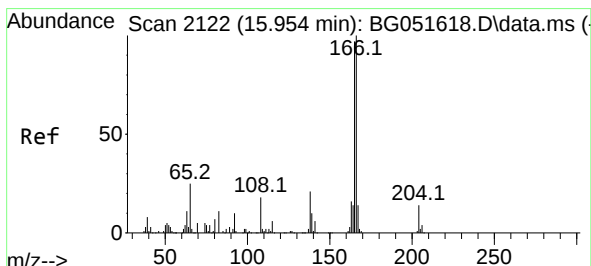
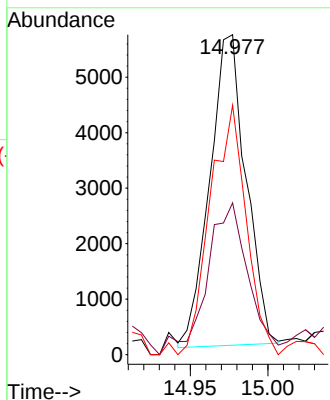
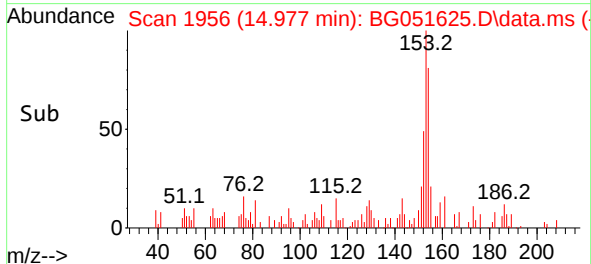
Instrument :
BNA_G
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BGL60DL



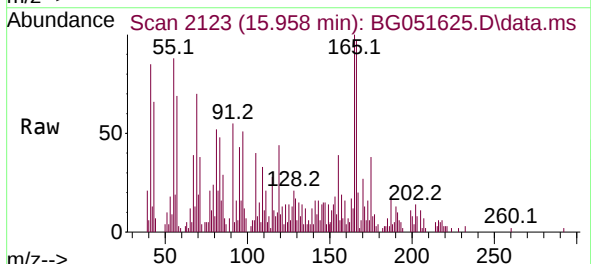
Tgt Ion:153 Resp: 9104
Ion Ratio Lower Upper
153 100
152 47.4 36.5 54.7
154 78.0 65.8 98.6

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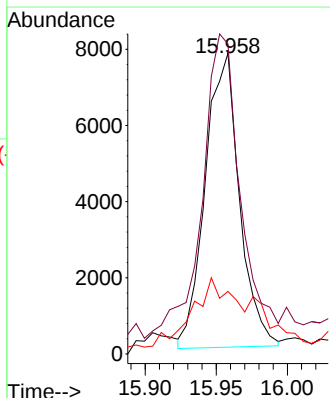
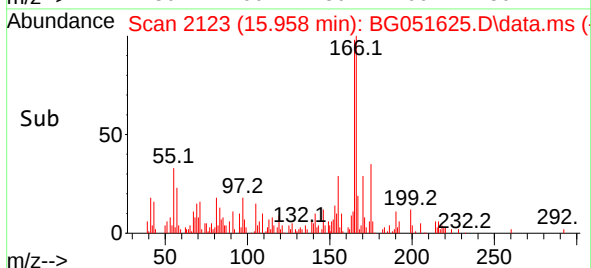
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

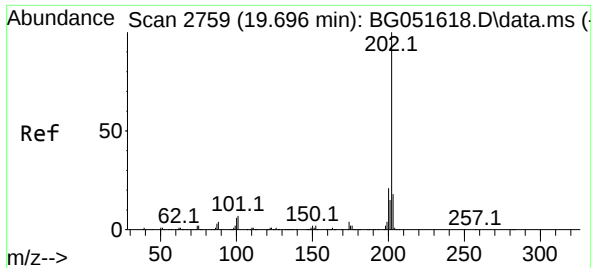


#61
Fluorene
Concen: 1.477 ng/ul
RT: 15.958 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BG051625.D
Acq: 18 Dec 2021 11:14



Tgt Ion:166 Resp: 12898
Ion Ratio Lower Upper
166 100
165 103.0 81.0 121.6
167 20.8 11.0 16.4#





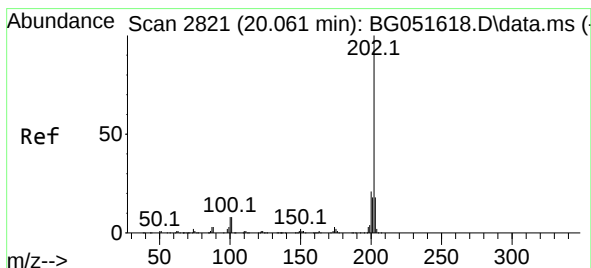
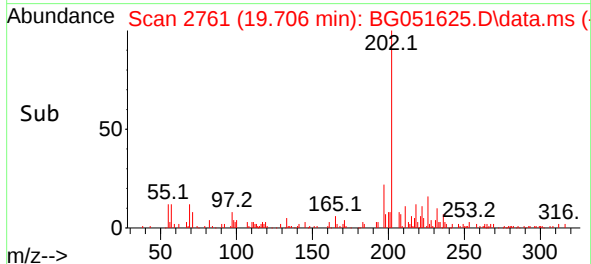
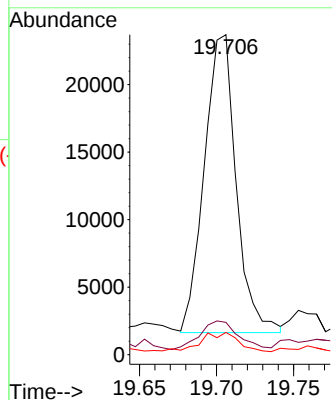
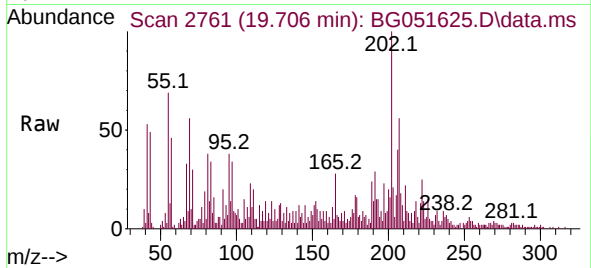
#80
Fluoranthene
Concen: 1.951 ng/ul m
RT: 19.706 min Scan# 2761
Delta R.T. -0.000 min
Lab File: BG051625.D
Acq: 18 Dec 2021 11:14

Instrument :
BNA_G
ClientSampleId :
BGL60DL

Tgt Ion:202 Resp: 3176
Ion Ratio Lower Upper
202 100
101 10.1 9.3 13.9
100 7.0 7.0 10.6

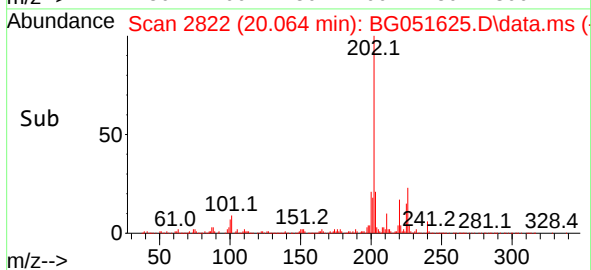
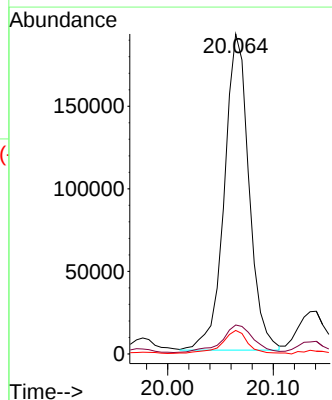
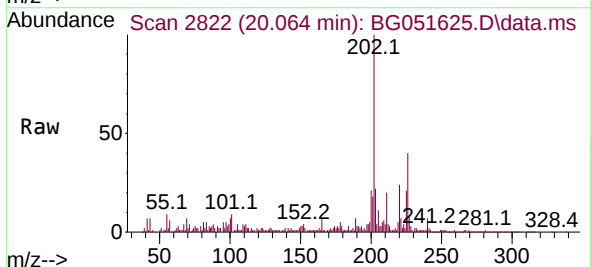
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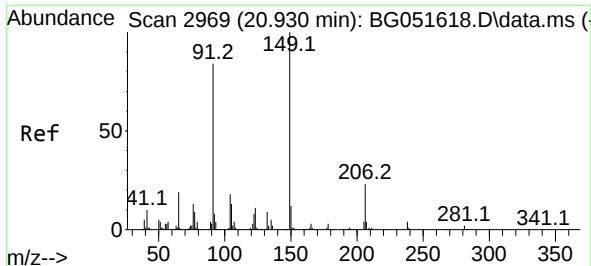
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#82
Pyrene
Concen: 19.280 ng/ul m
RT: 20.064 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BG051625.D
Acq: 18 Dec 2021 11:14

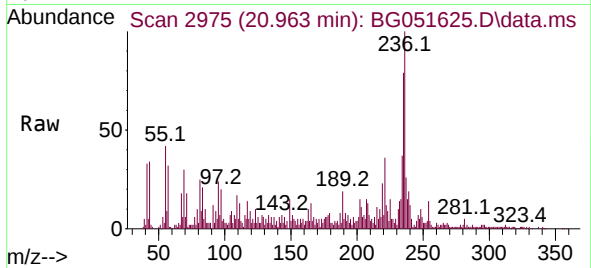
Tgt Ion:202 Resp: 310626
Ion Ratio Lower Upper
202 100
101 9.1 10.7 16.1#
100 7.4 9.0 13.6#





#83
Butylbenzylphthalate
Concen: 1.859 ng/ul m
RT: 20.963 min Scan# 2969
Delta R.T. 0.017 min
Lab File: BG051625.D
Acq: 18 Dec 2021 11:14

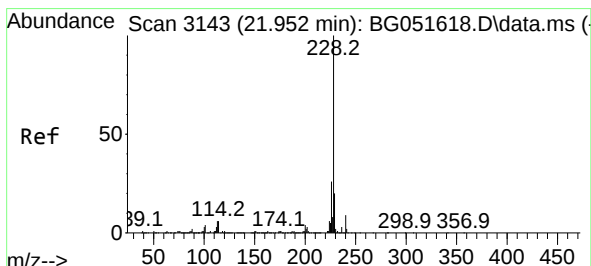
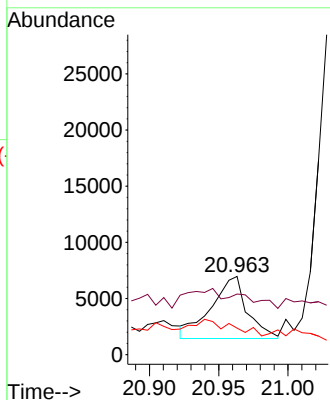
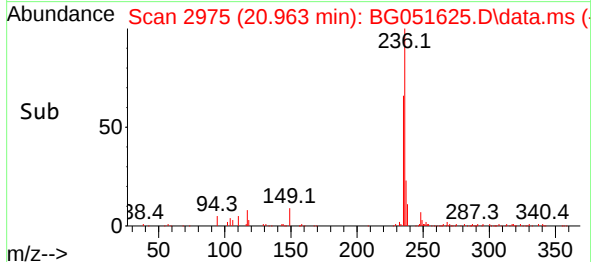
Instrument :
BNA_G
ClientSampleId :
BGL60DL



Tgt Ion:149 Resp: 1004
Ion Ratio Lower Upper
149 100
91 77.6 65.2 97.8
206 34.0 16.2 24.2

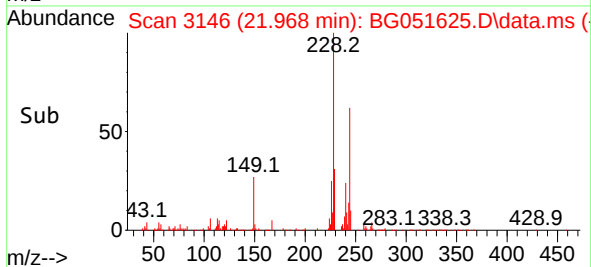
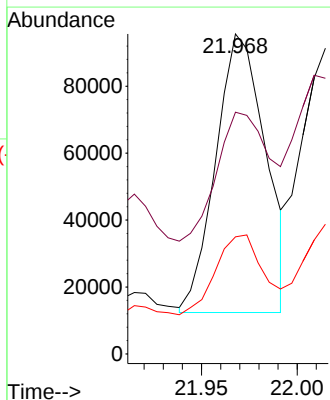
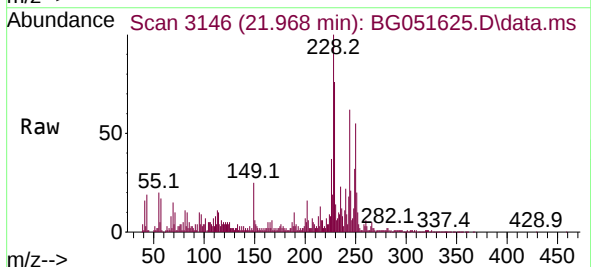
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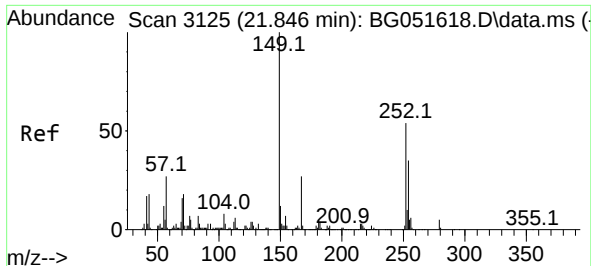
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#85
Benzo(a)anthracene
Concen: 9.829 ng/ul m
RT: 21.968 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BG051625.D
Acq: 18 Dec 2021 11:14

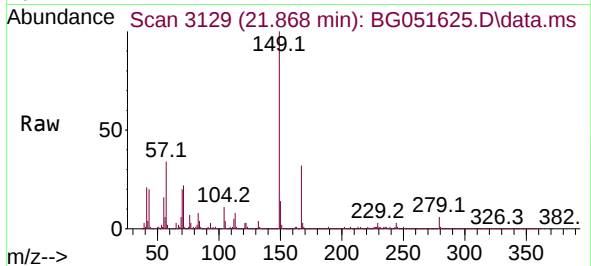
Tgt Ion:228 Resp: 150693
Ion Ratio Lower Upper
228 100
229 75.5 15.7 23.5#
226 36.6 22.3 33.5#





#86
Bis(2-ethylhexyl)phthalate
Concen: 409.308 ng/ul m
RT: 21.868 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG051625.D
Acq: 18 Dec 2021 11:14

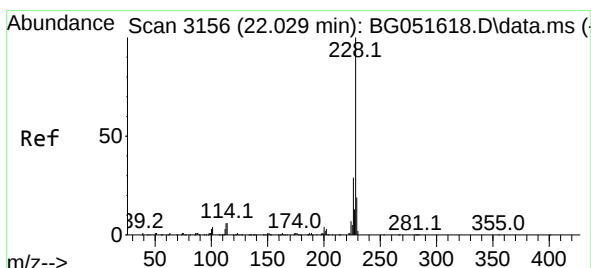
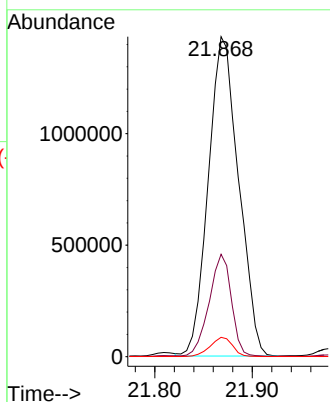
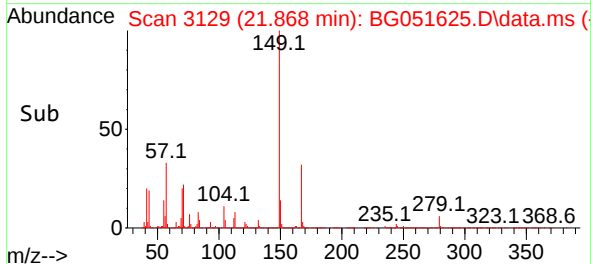
Instrument :
BNA_G
ClientSampleId :
BGL60DL



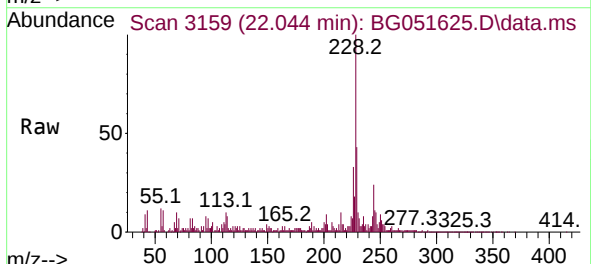
Tgt Ion:149 Resp: 309781
Ion Ratio Lower Upper
149 100
167 32.0 21.1 31.7
279 6.0 2.7 4.1

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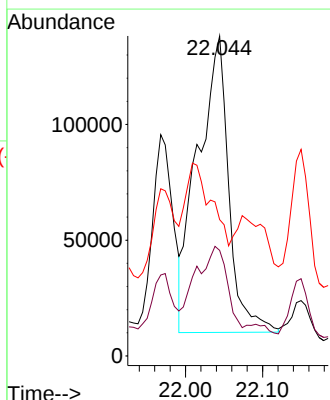
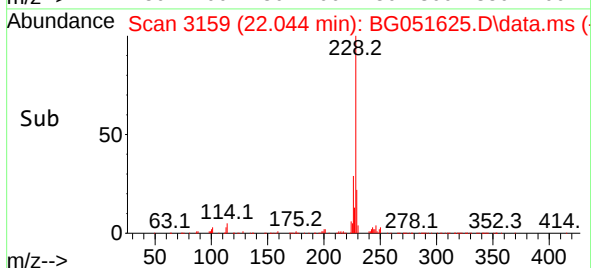
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

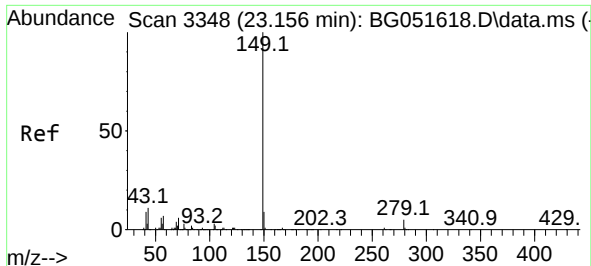


#87
Chrysene
Concen: 24.322 ng/ul m
RT: 22.044 min Scan# 3159
Delta R.T. 0.005 min
Lab File: BG051625.D
Acq: 18 Dec 2021 11:14



Tgt Ion:228 Resp: 360272
Ion Ratio Lower Upper
228 100
226 33.0 24.8 37.2
229 42.6 15.8 23.6





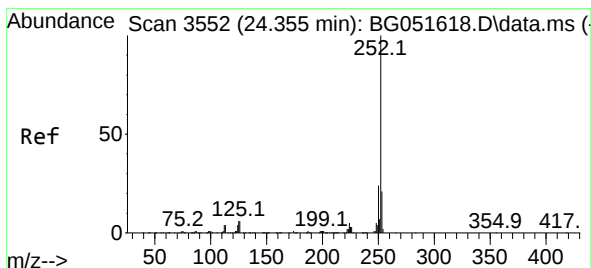
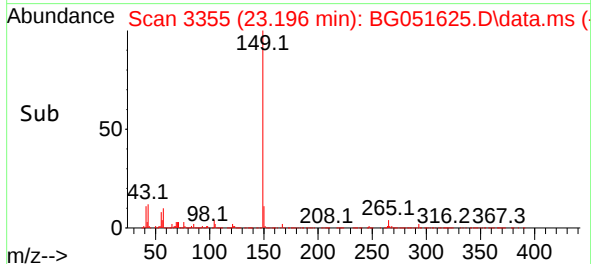
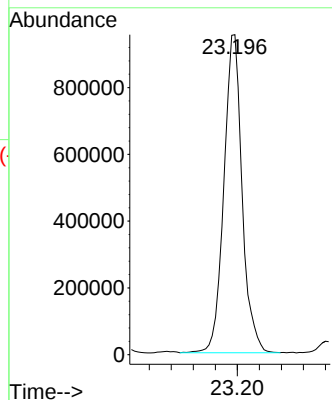
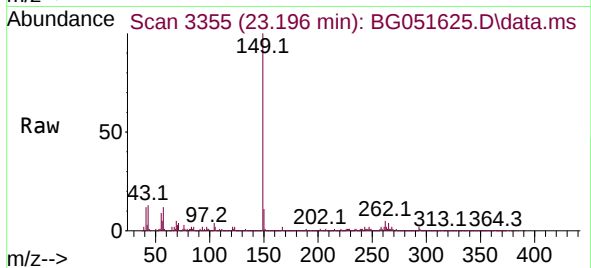
#89
Di-n-octyl phthalate
Concen: 170.181 ng/ul
RT: 23.196 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG051625.D
Acq: 18 Dec 2021 11:14

Instrument :
BNA_G
ClientSampleId :
BGL60DL

Tgt Ion:149 Resp: 2185779

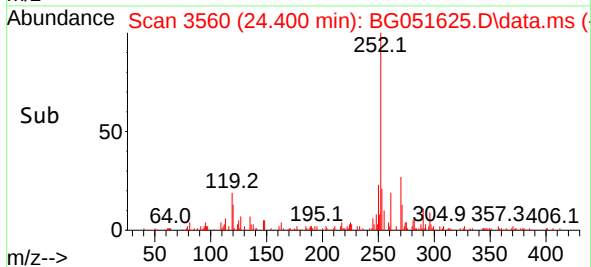
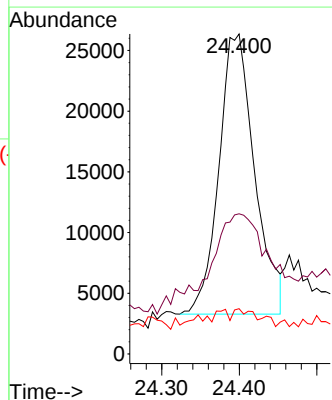
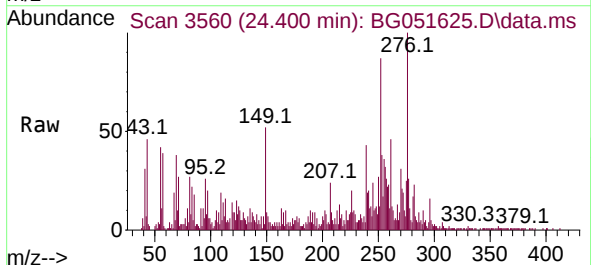
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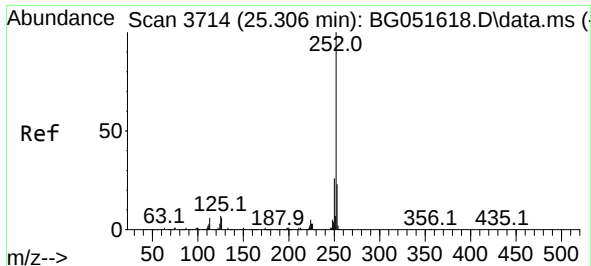
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#90
Benzo(b)fluoranthene
Concen: 4.631 ng/ul
RT: 24.400 min Scan# 3560
Delta R.T. 0.029 min
Lab File: BG051625.D
Acq: 18 Dec 2021 11:14

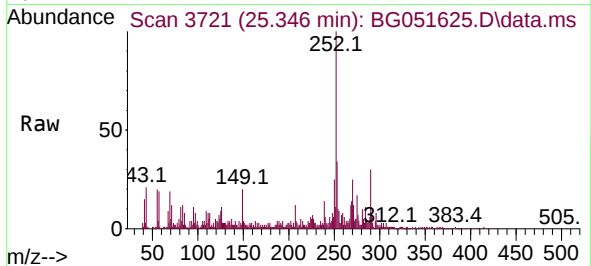
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Ion Ratio Lower Upper
252 100
253 43.8 17.8 26.6#
125 14.2 8.5 12.7#





#93
Benzo(a)pyrene
Concen: 10.891 ng/ul
RT: 25.346 min Scan# 31
Delta R.T. 0.017 min
Lab File: BG051625.D
Acq: 18 Dec 2021 11:14

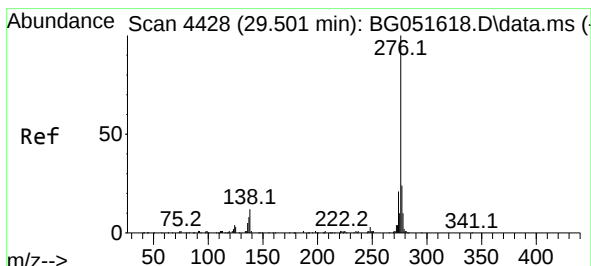
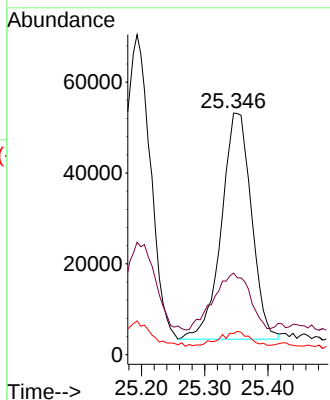
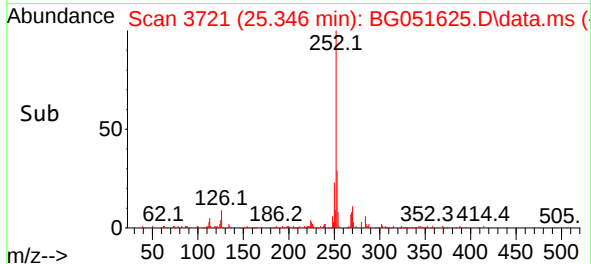
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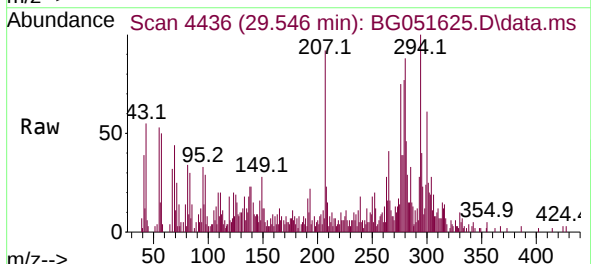
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Ion Ratio Lower Upper
252 100
253 33.8 17.4 26.2
125 8.8 9.1 13.7

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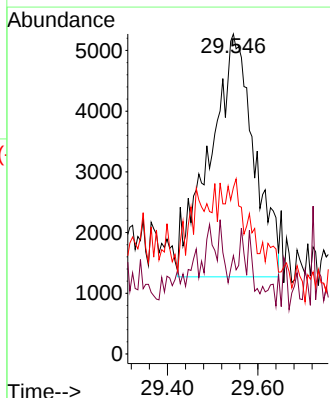
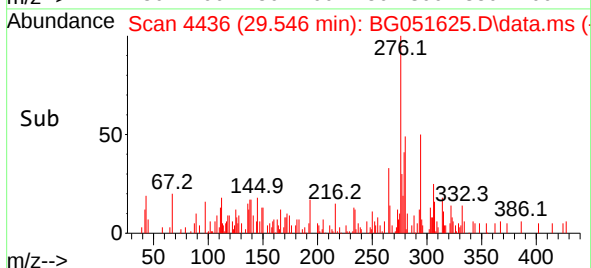
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

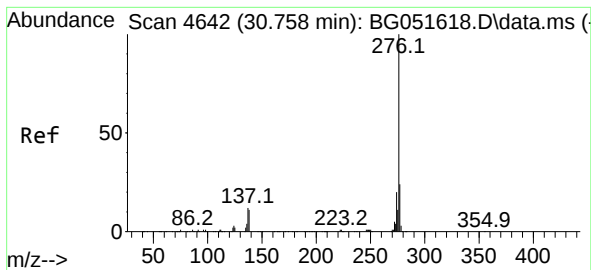


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.647 ng/ul m
RT: 29.546 min Scan# 4436
Delta R.T. 0.011 min
Lab File: BG051625.D
Acq: 18 Dec 2021 11:14



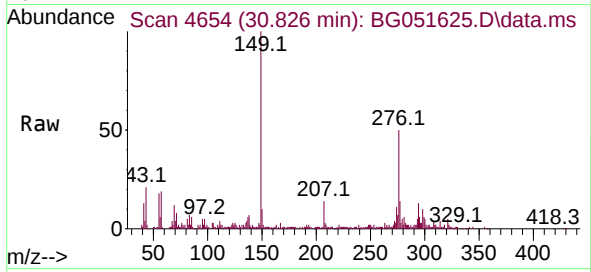
Tgt Ion:276 Resp: 27102
Ion Ratio Lower Upper
276 100
138 30.7 15.5 23.3#
277 52.0 20.5 30.7#





#96
 Benzo(g,h,i)perylene
 Concen: 8.187 ng/ul m
 RT: 30.826 min Scan# 4
 Delta R.T. 0.035 min
 Lab File: BG051625.D
 Acq: 18 Dec 2021 11:14

Instrument :
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Tgt Ion:276 Resp: 11417
 Ion Ratio Lower Upper
 276 100
 138 14.7 16.6 24.8
 277 27.6 17.6 26.4

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

