

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 23:05:17 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	46222	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	176682	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.913	164	106629	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.663	188	216631	20.000	ng/ul	0.00
79) Chrysene-d12	22.033	240	241322m	20.000	ng/ul	0.05
88) Perylene-d12	25.640	264	244649m	20.000	ng/ul	0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	2777	2.495	ng/uL	0.00
4) Pyridine-d5	4.028	84	24963	7.423	ng/ul	-0.02
7) Phenol-d5	7.400	99	65661	15.910	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.582	67	42740	17.421	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.794	132	46764	16.292	ng/ul	-0.02
15) 4-Methylphenol-d8	8.963	113	50662	15.881	ng/ul	-0.02
21) Nitrobenzene-d5	9.444	128	23737	18.325	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	27002	19.069	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.713	165	51673	16.827	ng/ul	-0.02
31) 4-Chloroaniline-d4	11.230	131	32452	8.027	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	150720	17.660	ng/ul	-0.02
49) Acenaphthylene-d8	14.608	160	193268	18.234	ng/ul	0.00
54) 4-Nitrophenol-d4	15.066	143	19968	14.387	ng/ul	-0.01
60) Fluorene-d10	15.900	176	133480	17.457	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	9126	8.086	ng/ul	-0.01
73) Anthracene-d10	17.762	188	205468	19.883	ng/ul	0.00
81) Pyrene-d10	20.048	212	323448	22.270	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.393	264	297437m	23.106	ng/ul	0.14
Target Compounds					Qvalue	
52) Acenaphthene	14.978	153	36190	5.282	ng/ul	98
61) Fluorene	15.953	166	50151	6.032	ng/ul#	96
67) N-Nitrosodiphenylamine	16.159	169	55186	9.471	ng/ul#	47
74) Anthracene	17.798	178	40969	3.640	ng/ul#	77
78) Di-n-butylphthalate	18.626	149	13328	1.099	ng/ul#	50
80) Fluoranthene	19.713	202	128809	7.726	ng/ul	97
82) Pyrene	20.083	202	1292319	78.330	ng/ul#	92
83) Butylbenzylphthalate	20.976	149	43153m	7.799	ng/ul	
84) 3,3'-Dichlorobenzidine	21.875	252	104963	18.455	ng/ul#	72
85) Benzo(a)anthracene	22.010	228	660791m	42.087	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.916	149	9033206m	1165.547	ng/ul	
87) Chrysene	22.086	228	1582000m	104.297	ng/ul	
89) Di-n-octyl phthalate	23.255	149	7529413	571.396	ng/ul	100
90) Benzo(b)fluoranthene	24.506	252	341828m	20.860	ng/ul	
91) Benzo(k)fluoranthene	24.559	252	101032m	6.584	ng/ul	
93) Benzo(a)pyrene	25.487	252	706704m	45.696	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.723	276	111677m	6.614	ng/ul	
95) Dibenzo(a,h)anthracene	29.770	278	88241m	6.119	ng/ul	
96) Benzo(g,h,i)perylene	31.033	276	506927m	35.429	ng/ul	

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

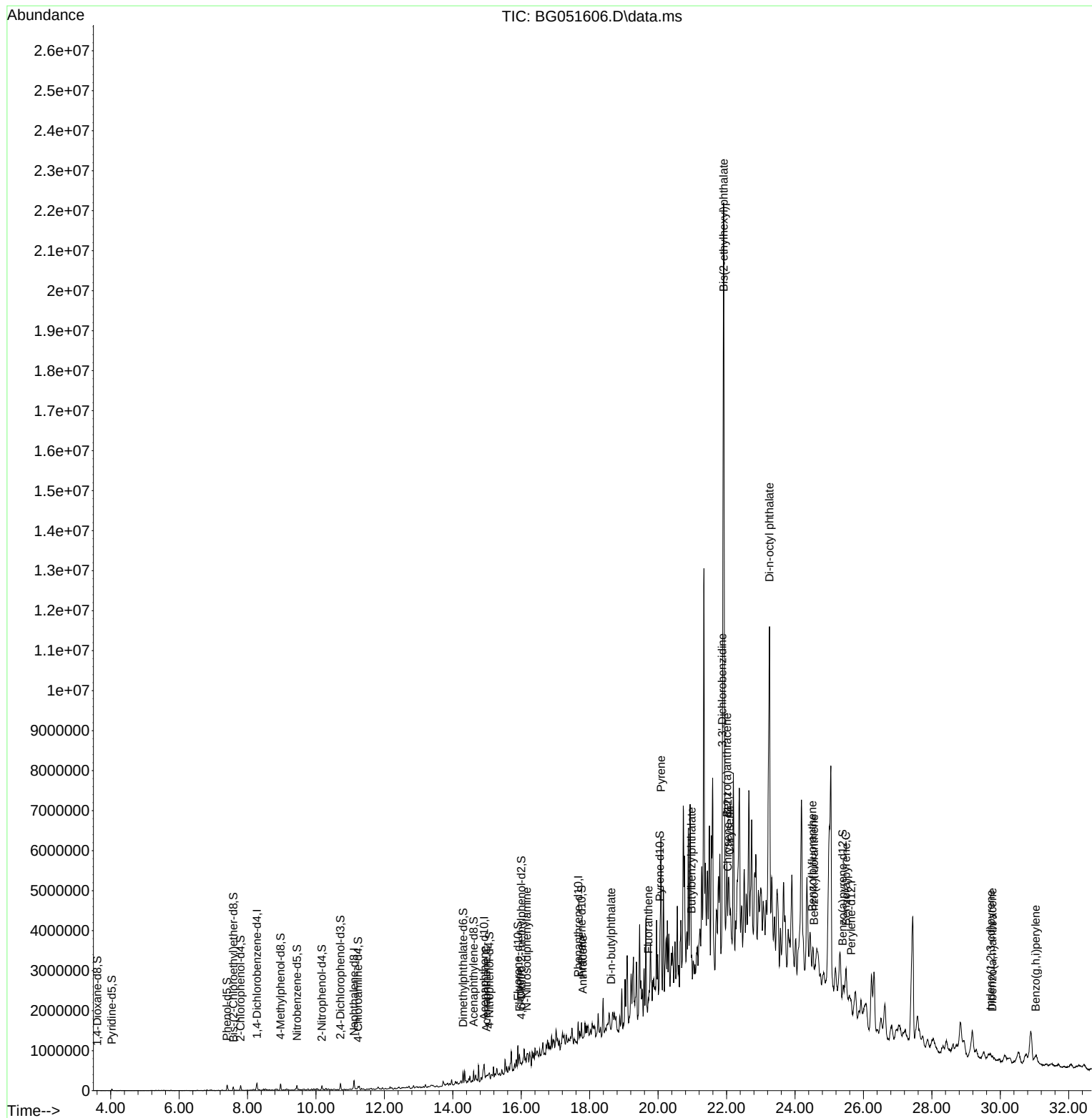
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
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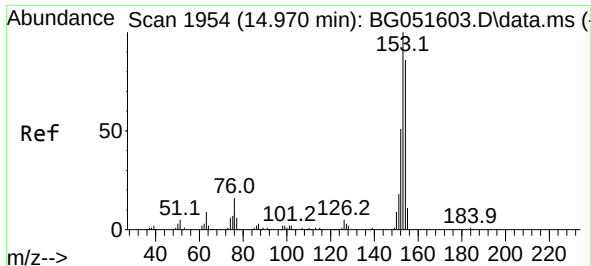
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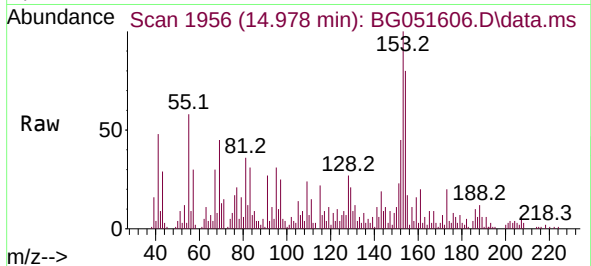
Quant Time: Dec 17 23:05:17 2021
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#52
Acenaphthene
Concen: 5.282 ng/ul
RT: 14.978 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45

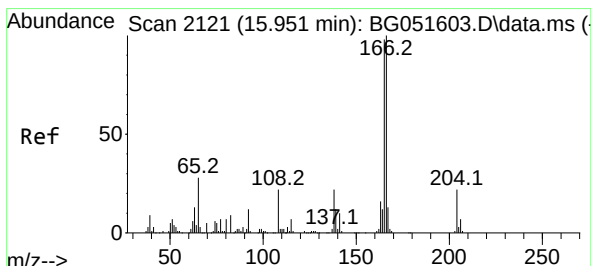
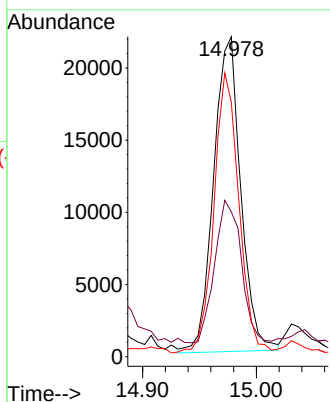
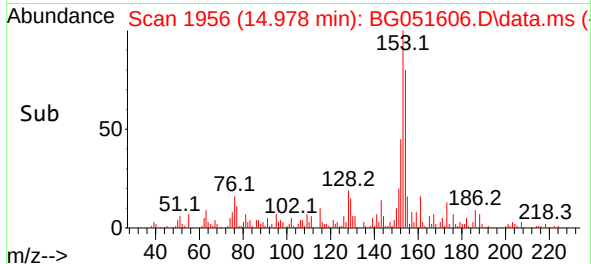
Instrument :
BNA_G
ClientSampleId :
BGL60



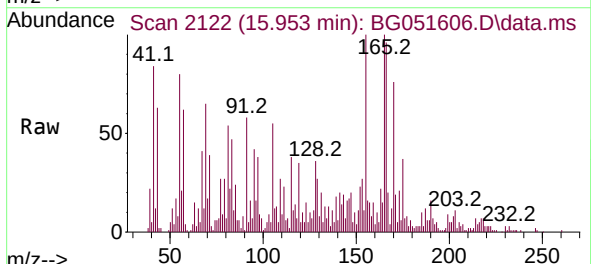
Tgt Ion:153 Resp: 36190
Ion Ratio Lower Upper
153 100
152 45.2 36.5 54.7
154 79.6 65.8 98.6

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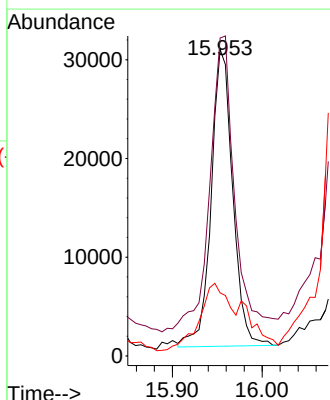
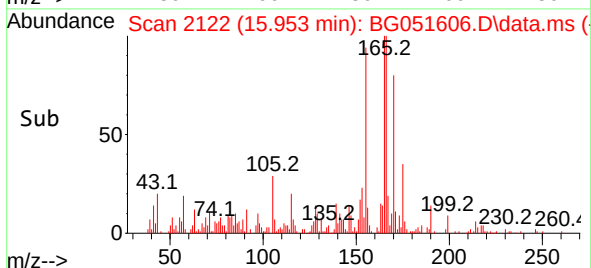
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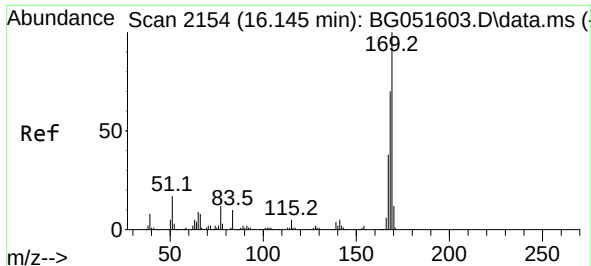


#61
Fluorene
Concen: 6.032 ng/ul
RT: 15.953 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45



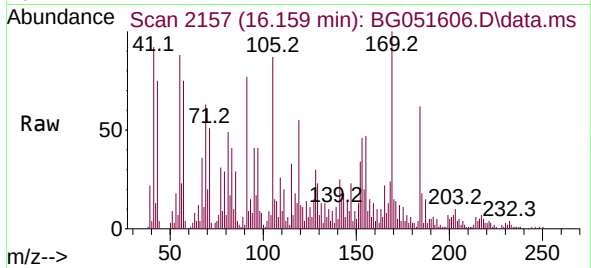
Tgt Ion:166 Resp: 50151
Ion Ratio Lower Upper
166 100
165 103.7 81.0 121.6
167 20.5 11.0 16.4#





#67
N-Nitrosodiphenylamine
Concen: 9.471 ng/ul
RT: 16.159 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45

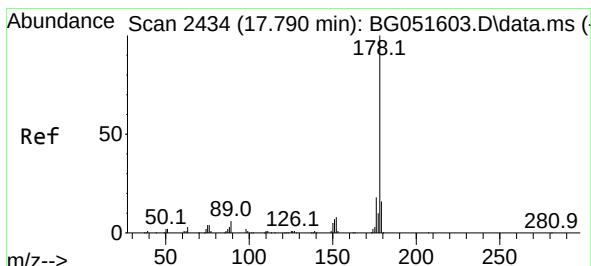
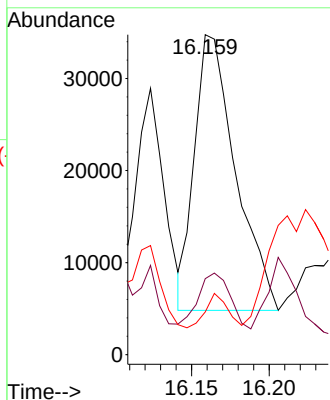
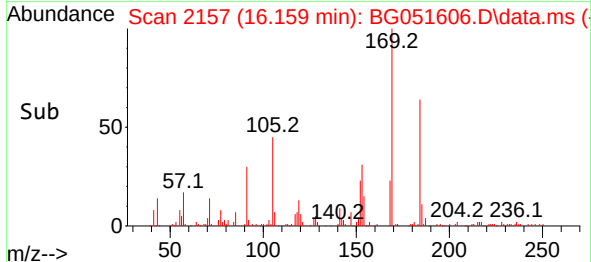
Instrument :
BNA_G
ClientSampleId :
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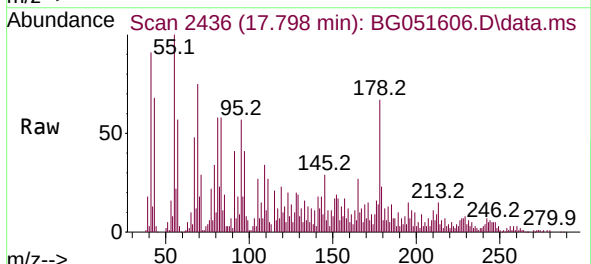
Tgt Ion:169 Resp: 55180
Ion Ratio Lower Upper
169 100
168 23.7 58.5 87.7
167 13.4 31.3 46.9

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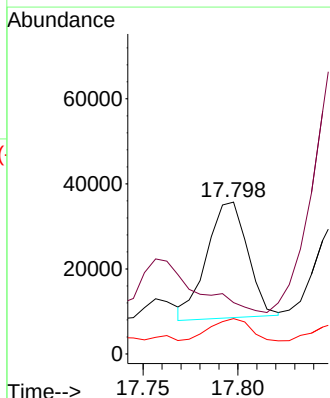
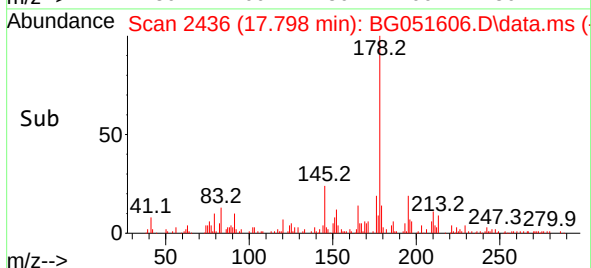
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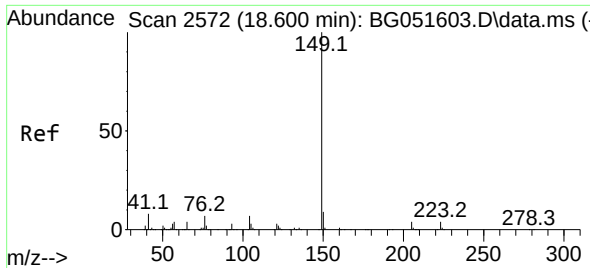


#74
Anthracene
Concen: 3.640 ng/ul
RT: 17.798 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45



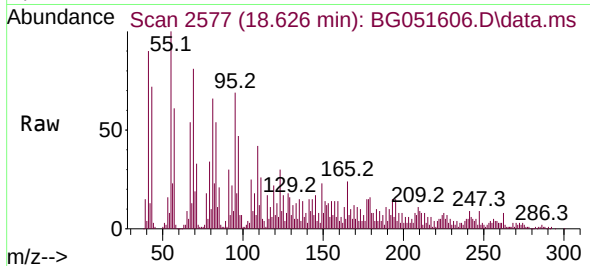
Tgt Ion:178 Resp: 40969
Ion Ratio Lower Upper
178 100
179 33.8 13.0 19.6
176 23.3 15.6 23.4





#78
Di-n-butylphthalate
Concen: 1.099 ng/ul
RT: 18.626 min Scan# 21
Delta R.T. 0.012 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45

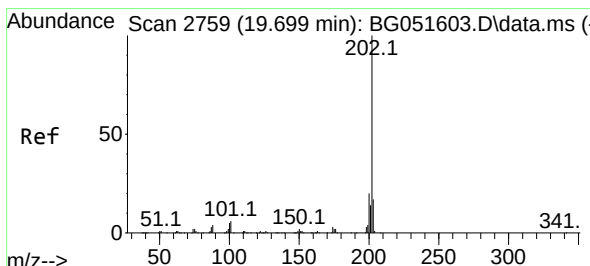
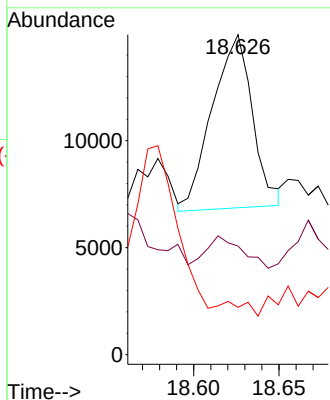
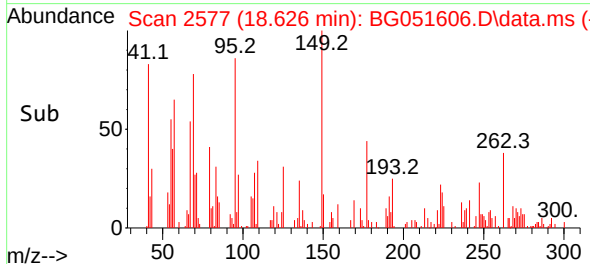
Instrument :
BNA_G
ClientSampleId :
BGL60



Tgt Ion:149 Resp: 13328
Ion Ratio Lower Upper
149 100
150 34.0 7.5 11.3
104 14.8 5.0 7.6

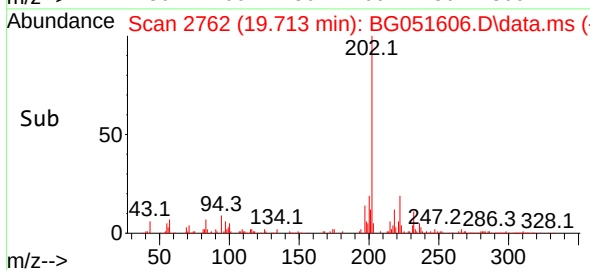
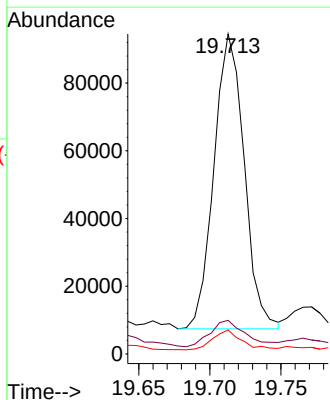
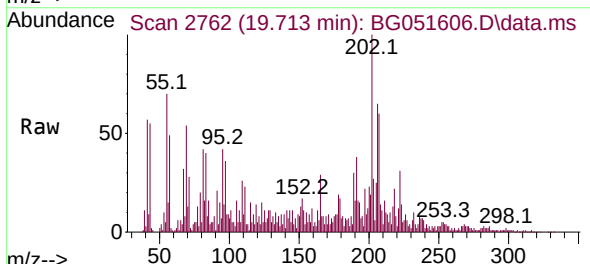
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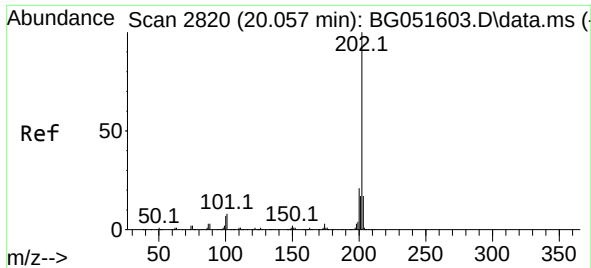
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#80
Fluoranthene
Concen: 7.726 ng/ul
RT: 19.713 min Scan# 2762
Delta R.T. 0.006 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45

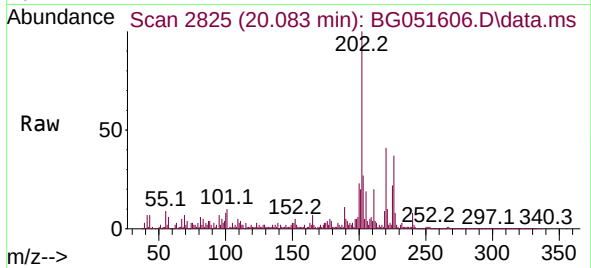
Tgt Ion:202 Resp: 128809
Ion Ratio Lower Upper
202 100
101 10.5 9.3 13.9
100 7.5 7.0 10.6





#82
Pyrene
Concen: 78.330 ng/ul
RT: 20.083 min Scan# 21
Delta R.T. 0.018 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45

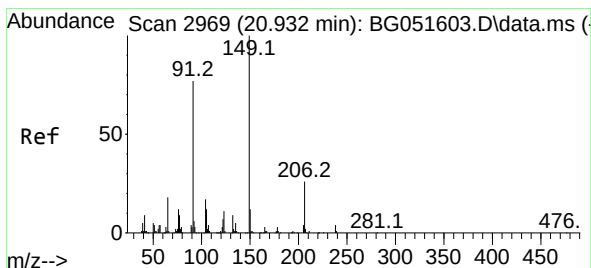
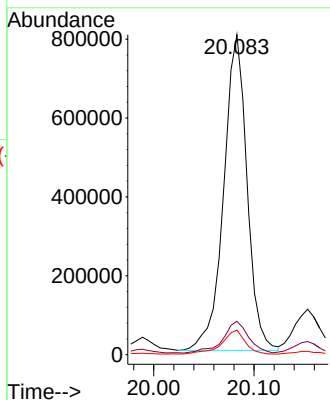
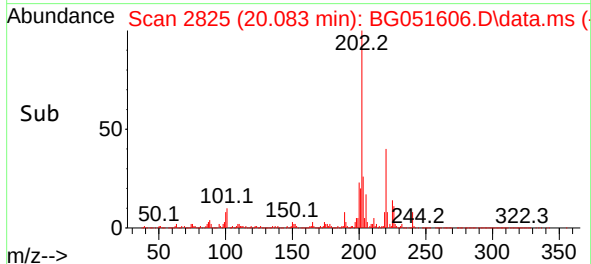
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BGL60



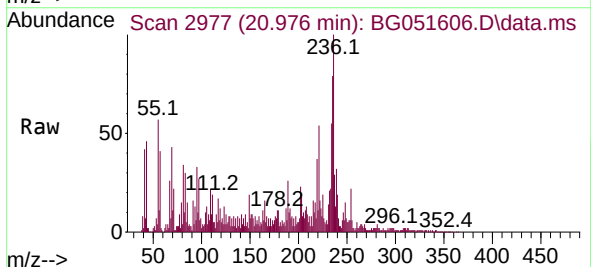
Tgt Ion:202 Resp: 1292319
Ion Ratio Lower Upper
202 100
101 10.5 10.7 16.1
100 7.7 9.0 13.6

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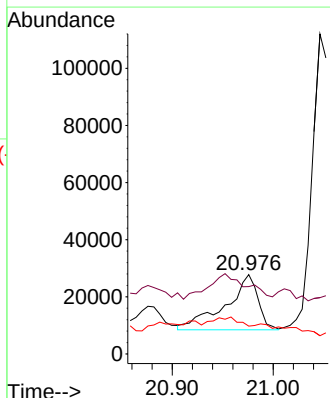
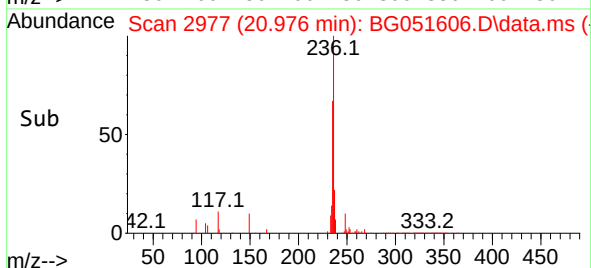
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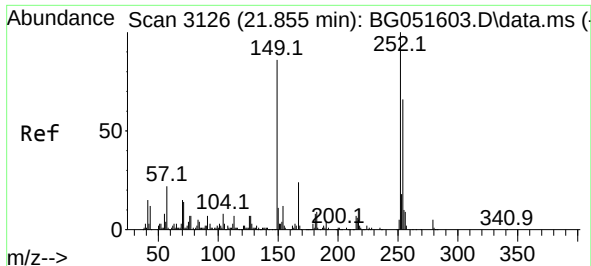


#83
Butylbenzylphthalate
Concen: 7.799 ng/ul m
RT: 20.976 min Scan# 2977
Delta R.T. 0.030 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45



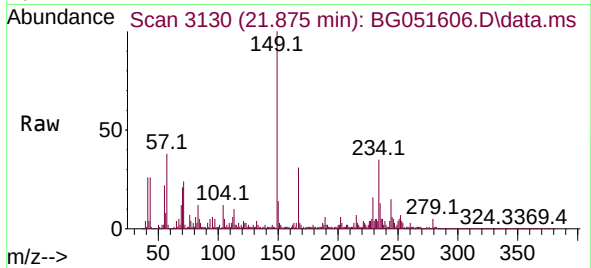
Tgt Ion:149 Resp: 43153
Ion Ratio Lower Upper
149 100
91 84.9 65.2 97.8
206 35.1 16.2 24.2#





#84
3,3'-Dichlorobenzidine
Concen: 18.455 ng/ul
RT: 21.875 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45

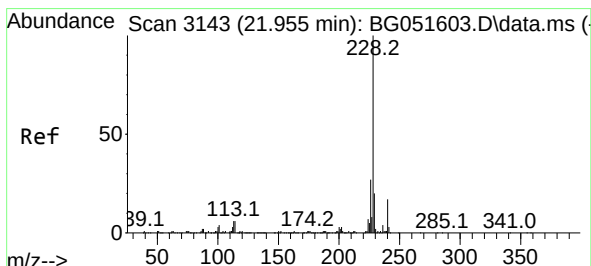
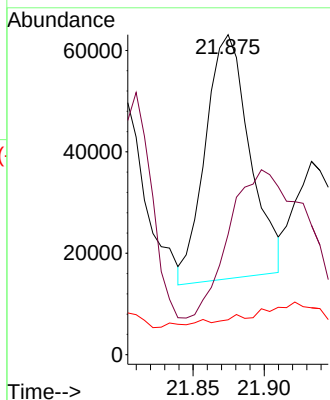
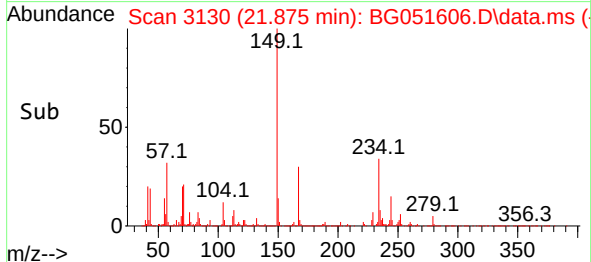
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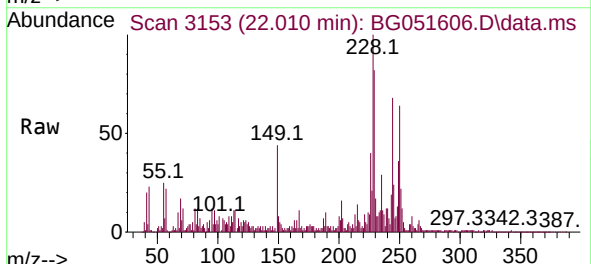
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Ion Ratio Lower Upper
252 100
254 37.6 50.8 76.2
126 10.9 9.0 13.4

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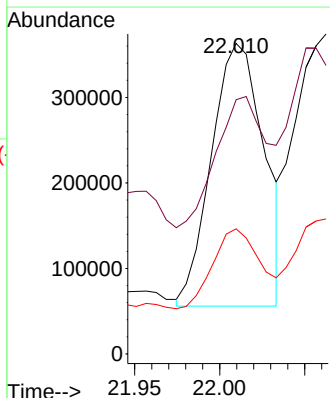
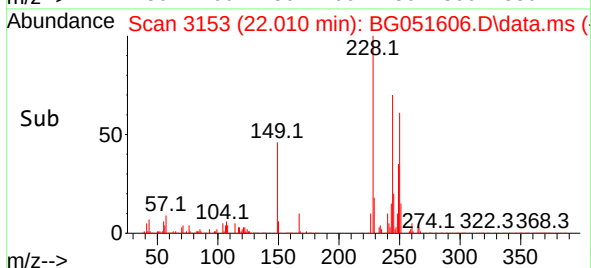
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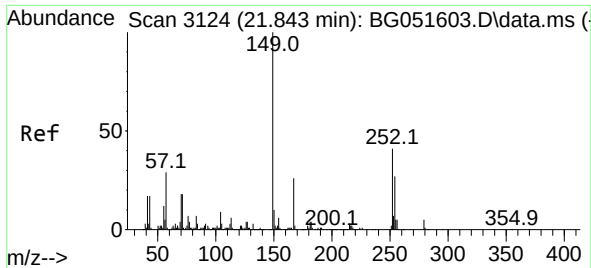


#85
Benzo(a)anthracene
Concen: 42.087 ng/ul m
RT: 22.010 min Scan# 3153
Delta R.T. 0.041 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45



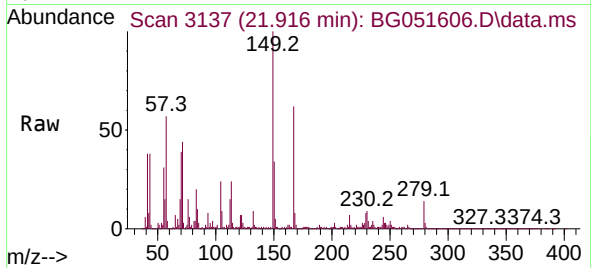
Tgt Ion:228 Resp: 660791
Ion Ratio Lower Upper
228 100
229 81.8 15.7 23.5#
226 40.3 22.3 33.5#





#86
Bis(2-ethylhexyl)phthalate
Concen: 1165.547 ng/ul m
RT: 21.916 min Scan# 3137
Delta R.T. 0.047 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45

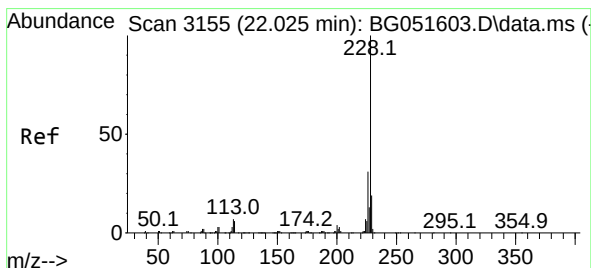
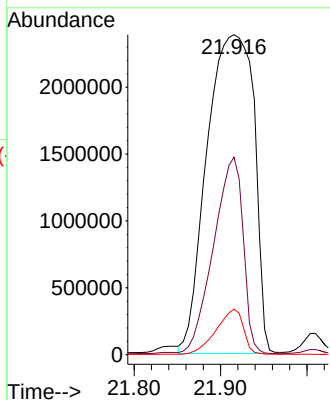
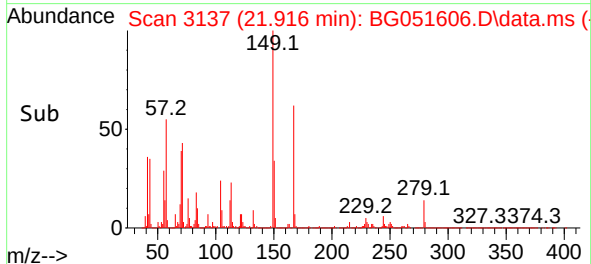
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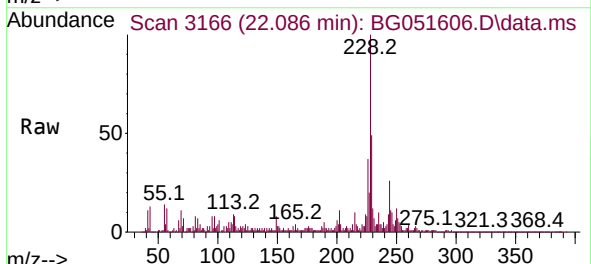
Tgt Ion:149 Resp: 9033200
Ion Ratio Lower Upper
149 100
167 61.7 21.1 31.7
279 14.2 2.7 4.1

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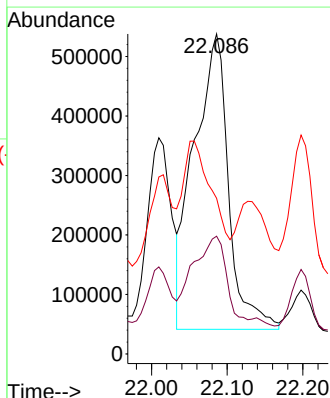
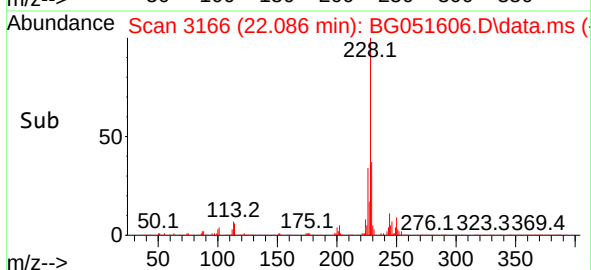
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

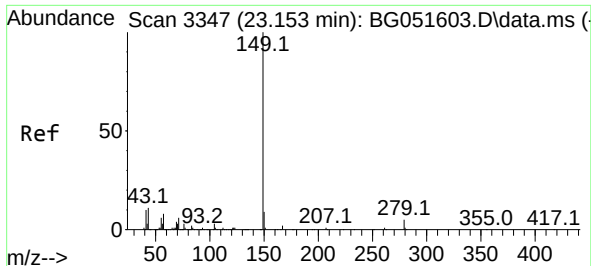


#87
Chrysene
Concen: 104.297 ng/ul m
RT: 22.086 min Scan# 3166
Delta R.T. 0.047 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45



Tgt Ion:228 Resp: 1582000
Ion Ratio Lower Upper
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226 36.8 24.8 37.2
229 48.6 15.8 23.6





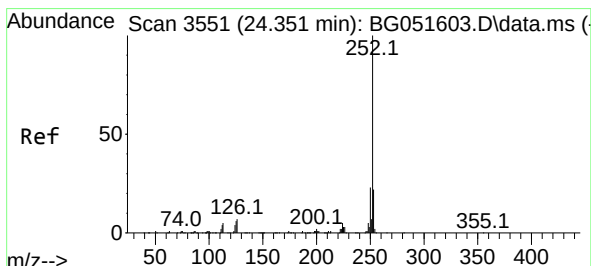
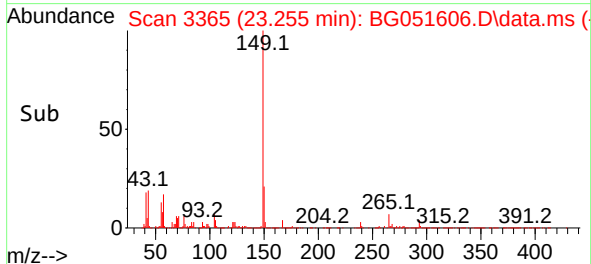
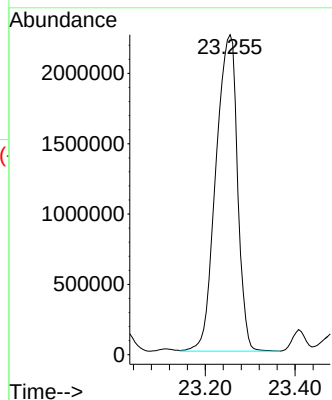
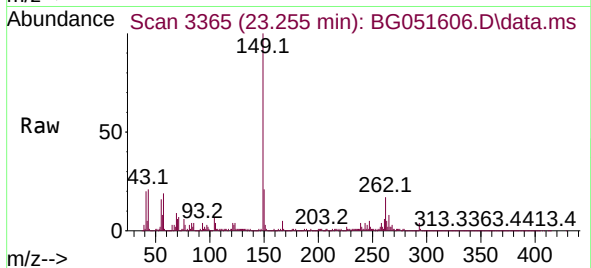
#89
Di-n-octyl phthalate
Concen: 571.396 ng/ul
RT: 23.255 min Scan# 31
Delta R.T. 0.071 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45

Instrument :
BNA_G
ClientSampleId :
BGL60

Tgt Ion:149 Resp: 752941

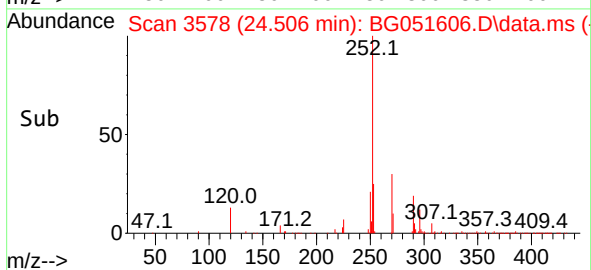
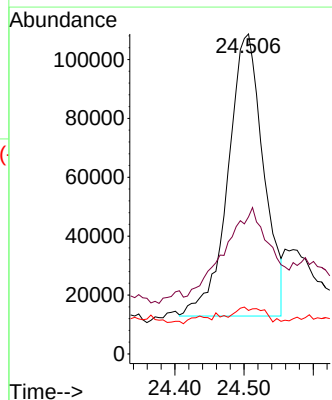
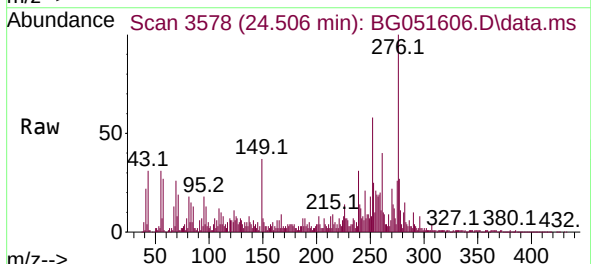
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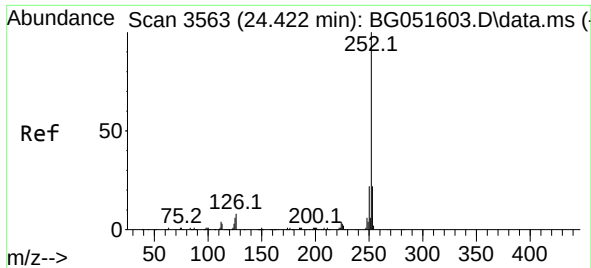
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#90
Benzo(b)fluoranthene
Concen: 20.860 ng/ul m
RT: 24.506 min Scan# 3578
Delta R.T. 0.135 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45

Tgt Ion:252 Resp: 341828
Ion Ratio Lower Upper
252 100
253 42.8 17.8 26.6#
125 13.6 8.5 12.7#





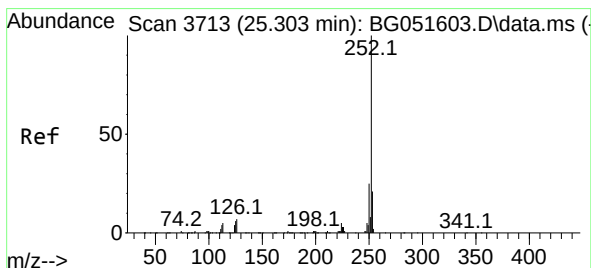
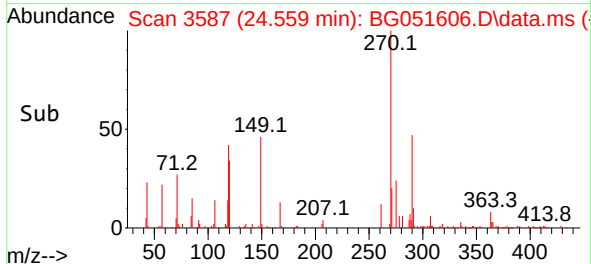
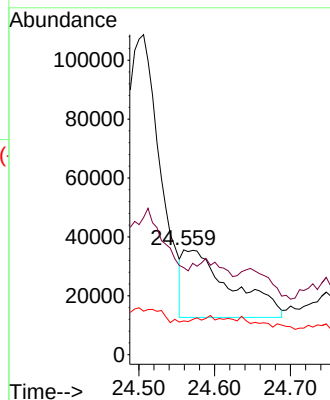
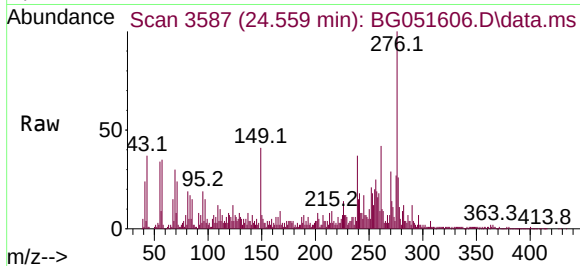
#91
Benzo(k)fluoranthene
Concen: 6.584 ng/ul m
RT: 24.559 min Scan# 31
Delta R.T. 0.112 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45

Instrument :
BNA_G
ClientSampleId :
BGL60

Tgt Ion:252 Resp: 10103
Ion Ratio Lower Upper
252 100
253 83.0 17.3 25.9
125 32.3 7.8 11.6

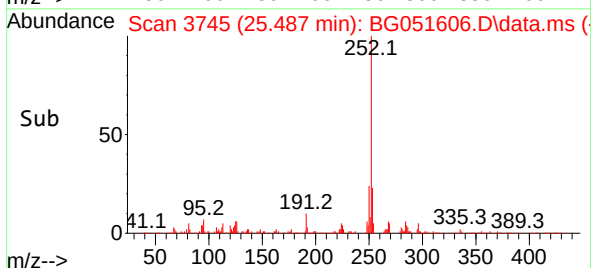
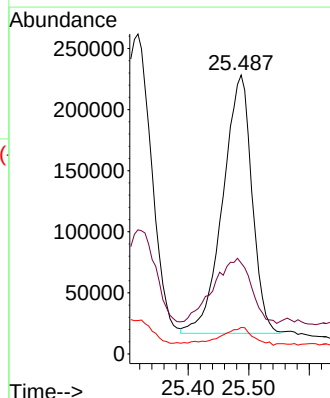
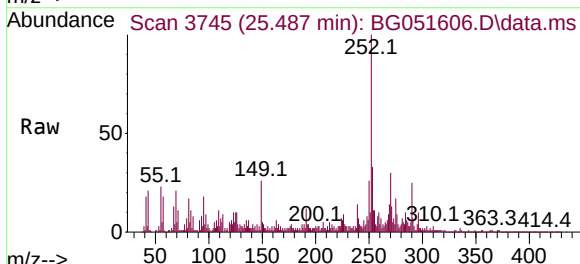
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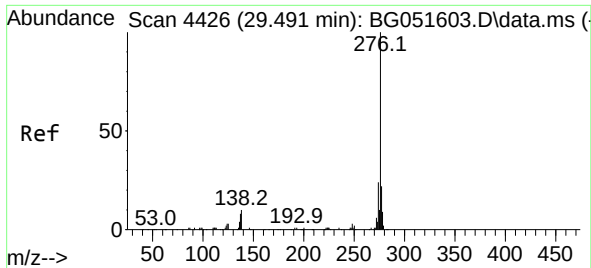
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#93
Benzo(a)pyrene
Concen: 45.696 ng/ul m
RT: 25.487 min Scan# 3745
Delta R.T. 0.159 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45

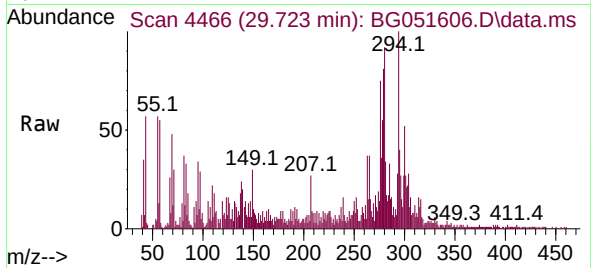
Tgt Ion:252 Resp: 706704
Ion Ratio Lower Upper
252 100
253 32.6 17.4 26.2
125 9.5 9.1 13.7





#94
Indeno(1,2,3-cd)pyrene
Concen: 6.614 ng/ul m
RT: 29.723 min Scan# 4466
Delta R.T. 0.188 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45

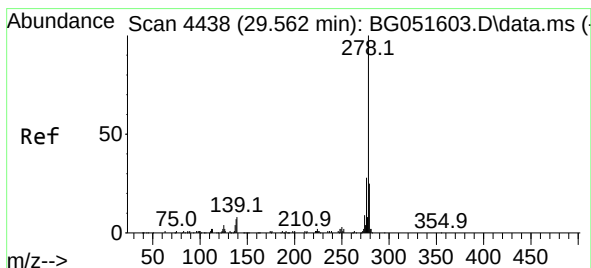
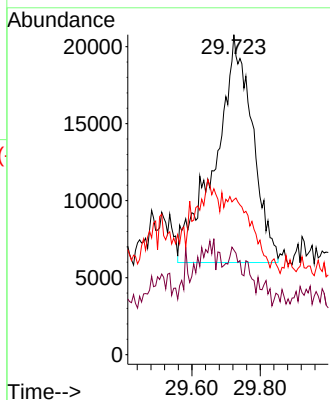
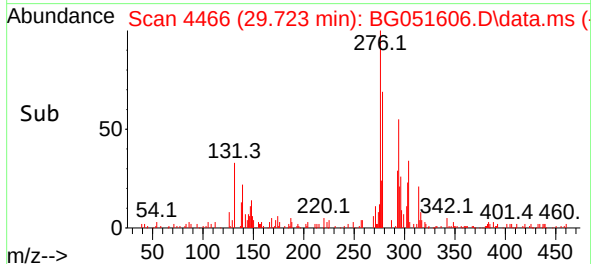
Instrument :
BNA_G
ClientSampleId :
BGL60



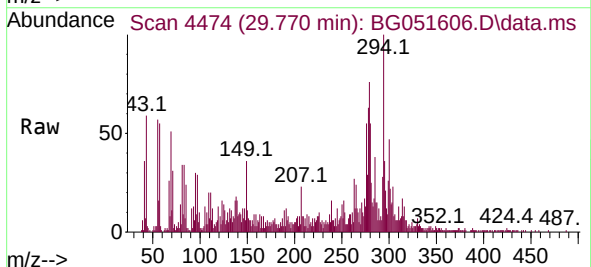
Tgt Ion:276 Resp: 11167
Ion Ratio Lower Upper
276 100
138 32.7 15.5 23.3#
277 48.4 20.5 30.7#

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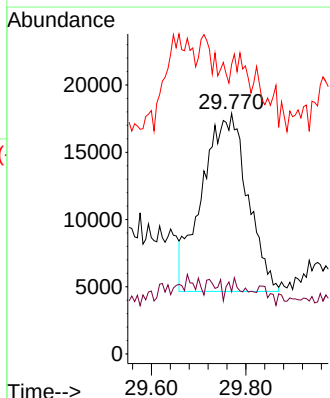
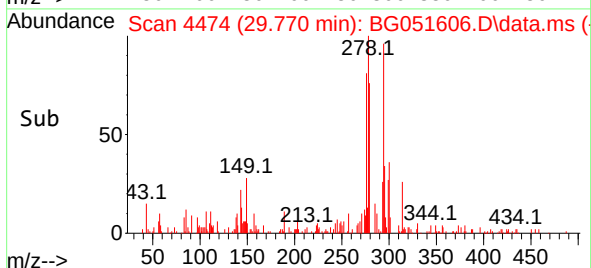
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

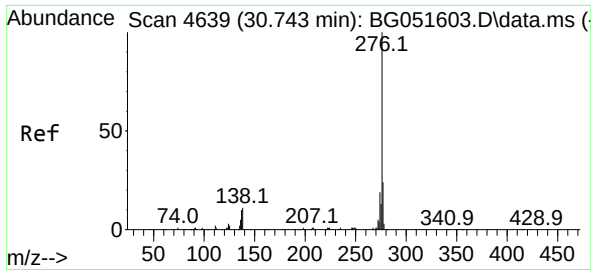


#95
Dibenzo(a,h)anthracene
Concen: 6.119 ng/ul m
RT: 29.770 min Scan# 4474
Delta R.T. 0.165 min
Lab File: BG051606.D
Acq: 17 Dec 2021 21:45



Tgt Ion:278 Resp: 88241
Ion Ratio Lower Upper
278 100
139 26.0 12.2 18.4#
279 120.5 19.5 29.3#





#96

Benzo(g,h,i)perylene

Concen: 35.429 ng/ul m

RT: 31.033 min Scan# 4

Delta R.T. 0.241 min

Lab File: BG051606.D

Acq: 17 Dec 2021 21:45

Instrument :

BNA_G

ClientSampleId :

BGL60

Tgt Ion:276 Resp: 50692

Ion Ratio Lower Upper

276 100

138 15.2 16.6 24.8

277 31.0 17.6 26.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/20/2021

Supervised By :mohammad ahmed 12/24/2021

