

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
 Data File : BG051981.D
 Acq On : 14 Jan 2022 17:59
 Operator : CG/JU
 Sample : N1100-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLS6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 17 00:19:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.251	152	24707	20.000	ng/u1	0.00
20) Naphthalene-d8	11.095	136	104414	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.901	164	71887	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.662	188	144726	20.000	ng/u1	# 0.02
79) Chrysene-d12	21.980	240	140560	20.000	ng/u1	0.02
88) Perylene-d12	25.499	264	145163	20.000	ng/u1	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.575	96	2039	2.949	ng/uL	0.00
4) Pyridine-d5	4.004	84	13845	6.441	ng/u1	0.00
7) Phenol-d5	7.388	99	49261	20.371	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.558	67	56048	36.512	ng/u1	0.00
11) 2-Chlorophenol-d4	7.776	132	34367	21.466	ng/u1	0.00
15) 4-Methylphenol-d8	8.950	113	58048	30.880	ng/u1	0.00
21) Nitrobenzene-d5	9.420	128	20655	25.035	ng/u1	0.00
24) 2-Nitrophenol-d4	10.155	143	20539	22.509	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.707	165	37683	21.128	ng/u1	0.00
31) 4-Chloroaniline-d4	11.206	131	144501	58.176	ng/u1	0.00
46) Dimethylphthalate-d6	14.284	166	120557	20.289	ng/u1	0.00
49) Acenaphthylene-d8	14.596	160	163997	22.848	ng/u1	0.01
54) 4-Nitrophenol-d4	15.072	143	11622	11.699	ng/u1	0.00
60) Fluorene-d10	15.894	176	112045	21.627	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	16.000	200	8459	9.265	ng/u1	0.02
73) Anthracene-d10	17.762	188	171006	24.908	ng/u1	0.02
81) Pyrene-d10	20.041	212	192168	23.755	ng/u1	0.03
92) Benzo(a)pyrene-d12	25.246	264	177056	23.169	ng/u1	0.05
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	10.302	107	24707m	11.354	ng/u1	
30) Naphthalene	11.148	128	124796	22.056	ng/u1#	90
36) 2-Methylnaphthalene	12.739	142	80277	19.918	ng/u1	94
37) 1-Methylnaphthalene	12.957	142	188617	45.601	ng/u1#	98
43) 1,1'-Biphenyl	13.732	154	175131	31.557	ng/u1#	97
52) Acenaphthene	14.966	153	268212	57.073	ng/u1	95
56) Dibenzofuran	15.301	168	304488	44.612	ng/u1	90
61) Fluorene	15.953	166	180180	31.680	ng/u1#	95
72) Phenanthrene	17.709	178	364223	48.029	ng/u1#	93
74) Anthracene	17.797	178	51857	6.831	ng/u1#	73
80) Fluoranthene	19.706	202	74577	7.978	ng/u1#	95
82) Pyrene	20.071	202	80746	8.773	ng/u1#	95
83) Butylbenzylphthalate	20.928	149	19659	6.137	ng/u1#	40
85) Benzo(a)anthracene	21.956	228	22808	2.467	ng/u1#	78
86) Bis(2-ethylhexyl)phtha...	21.915	149	13972986m	2982.828	ng/u1	
87) Chrysene	22.033	228	21513m	2.417	ng/u1	
89) Di-n-octyl phthalate	23.149	149	1080117m	134.698	ng/u1	
90) Benzo(b)fluoranthene	24.377	252	13977	1.453	ng/u1#	1

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

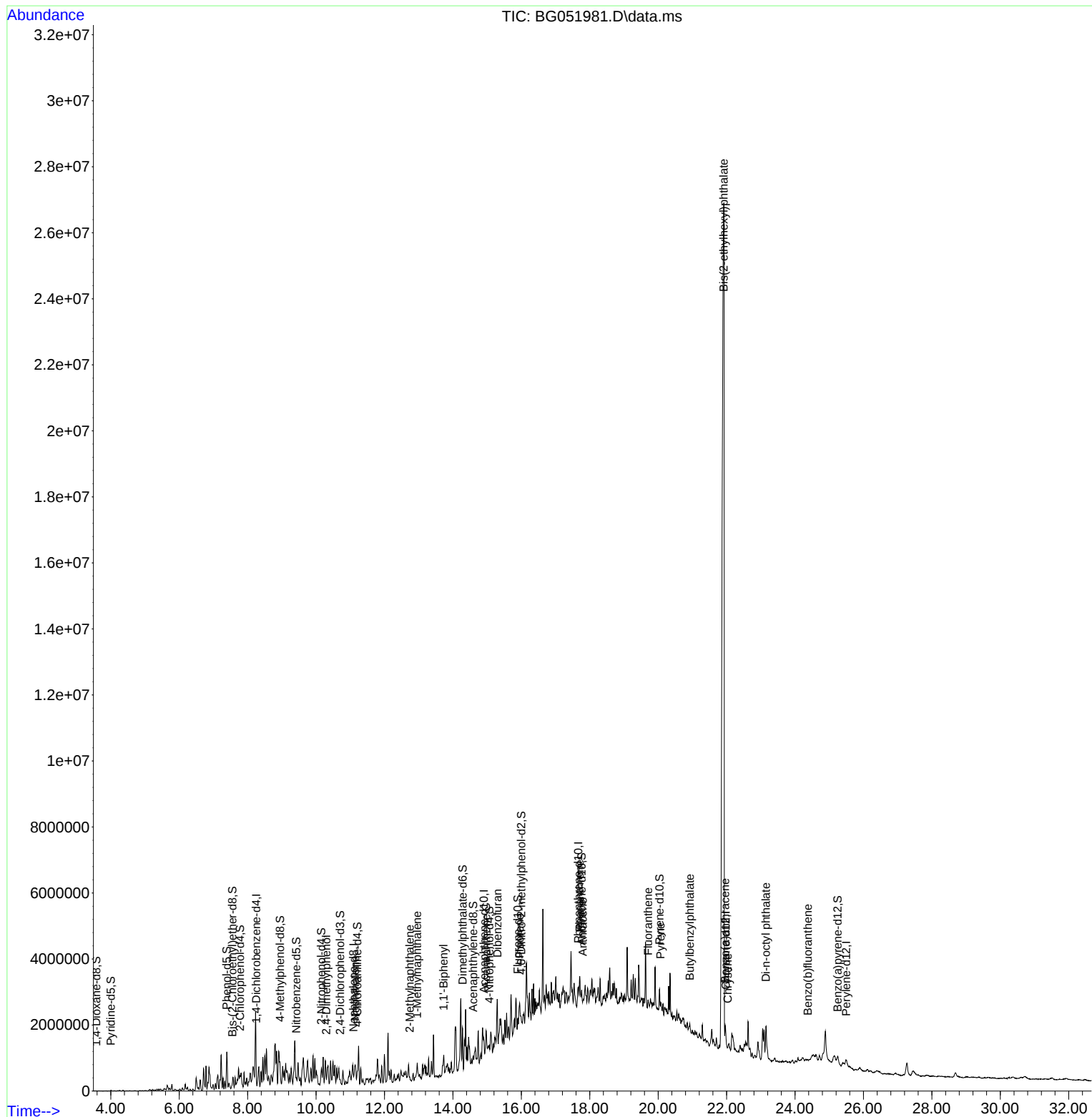
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051981.D
Acq On : 14 Jan 2022 17:59
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Sample : N1100-14
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ALS Vial : 15 Sample Multiplier: 1

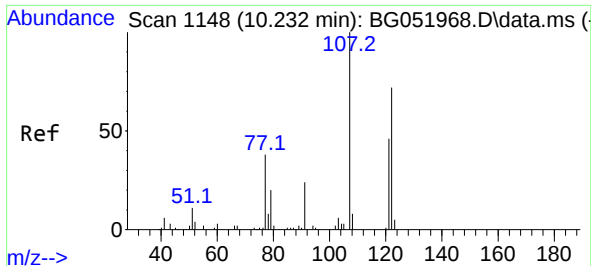
Instrument :
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ClientSampleId :
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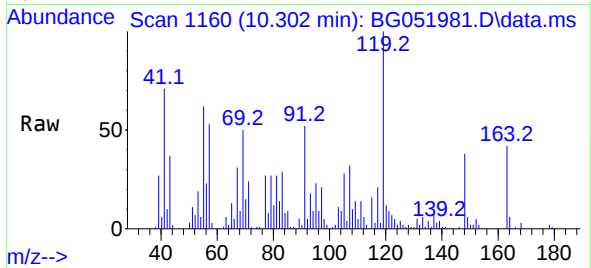
Quant Time: Jan 17 00:19:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration





#26
2,4-Dimethylphenol
Concen: 11.354 ng/ul m
RT: 10.302 min Scan# 1148
Delta R.T. 0.069 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

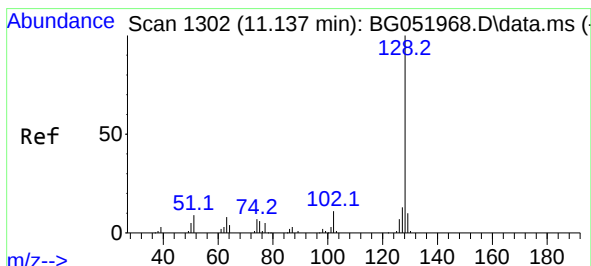
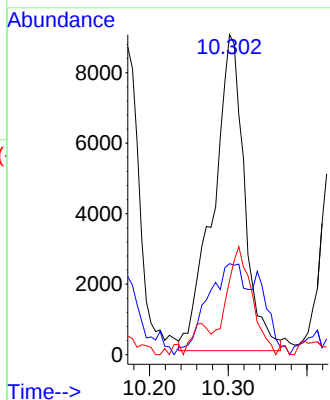
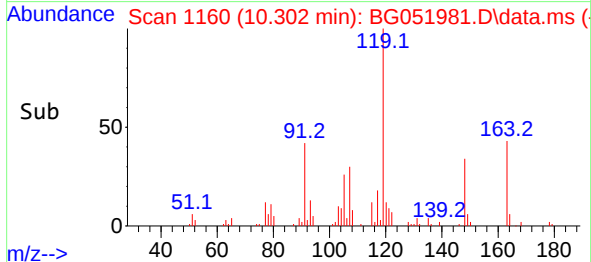
Instrument :
BNA_G
ClientSampleId :
BGLS6



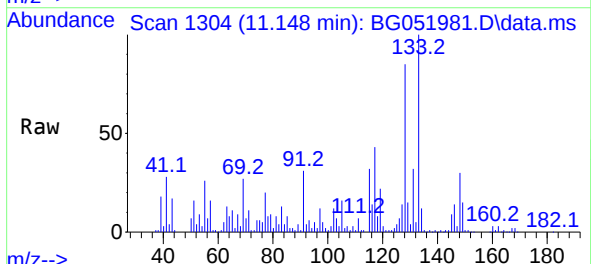
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Ion Ratio Lower Upper
107 100
121 28.4 39.3 58.9
122 23.2 63.7 95.5

Manual Integrations
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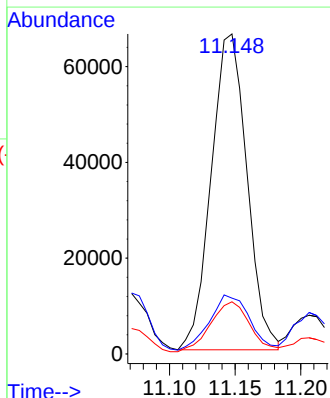
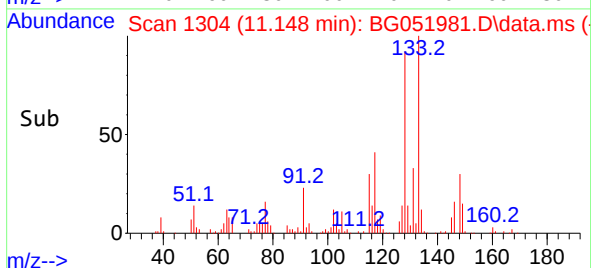
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

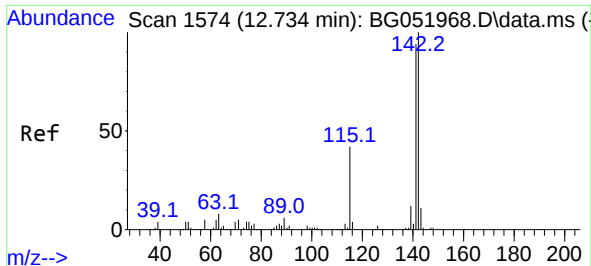


#30
Naphthalene
Concen: 22.056 ng/ul
RT: 11.148 min Scan# 1304
Delta R.T. 0.005 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59



Tgt Ion:128 Resp: 124796
Ion Ratio Lower Upper
128 100
129 17.4 8.5 12.7#
127 16.3 11.8 17.6





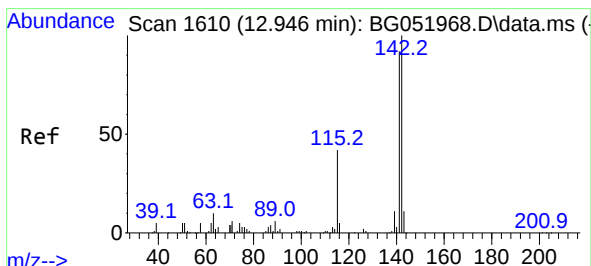
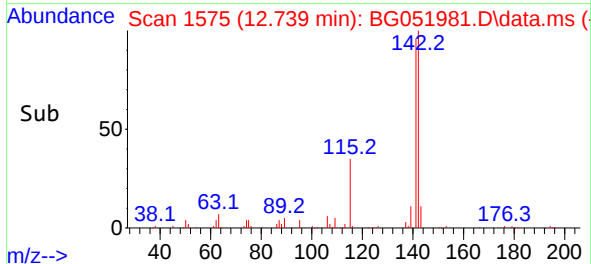
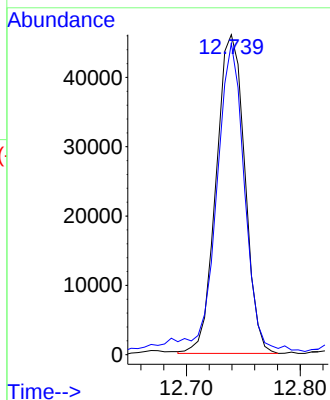
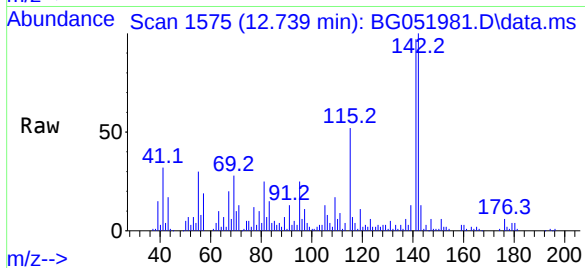
#36
2-Methylnaphthalene
Concen: 19.918 ng/ul
RT: 12.739 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 8027
Ion Ratio Lower Upper
142 100
141 97.3 73.3 109.9

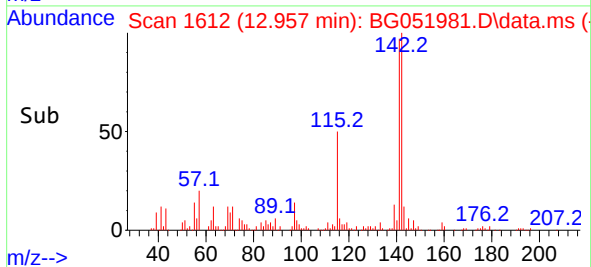
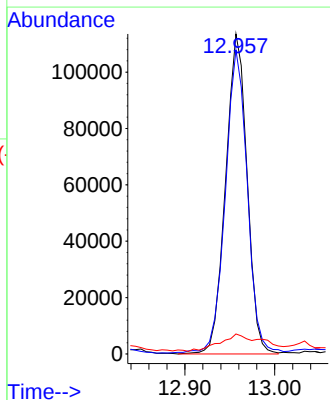
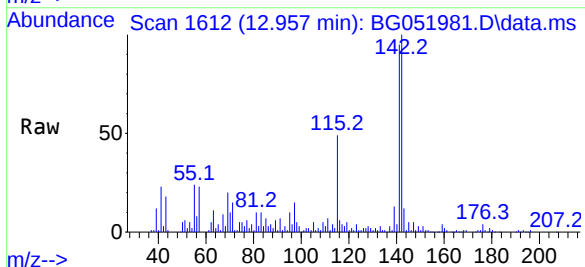
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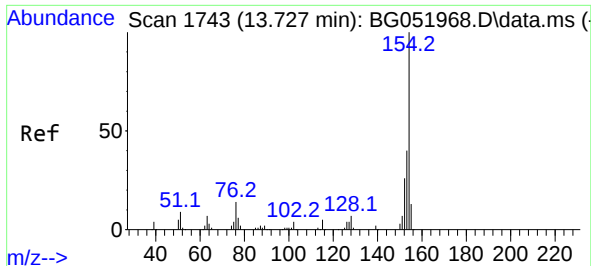
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#37
1-Methylnaphthalene
Concen: 45.601 ng/ul
RT: 12.957 min Scan# 1612
Delta R.T. 0.005 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

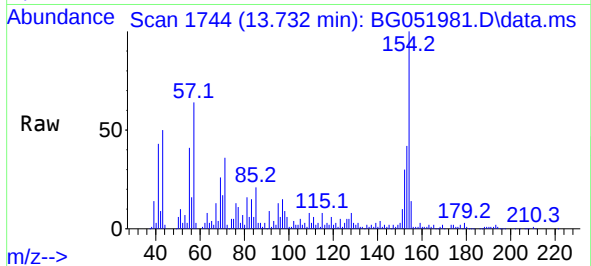
Tgt Ion:142 Resp: 188617
Ion Ratio Lower Upper
142 100
141 95.0 77.8 116.8
116 6.2 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 31.557 ng/u1
RT: 13.732 min Scan# 1744
Delta R.T. 0.004 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

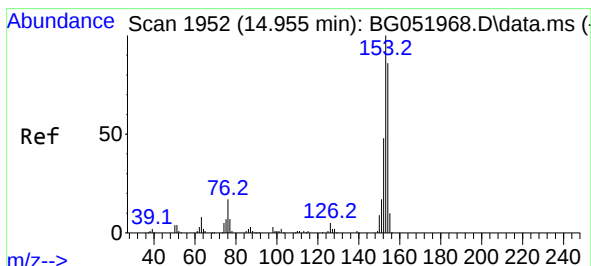
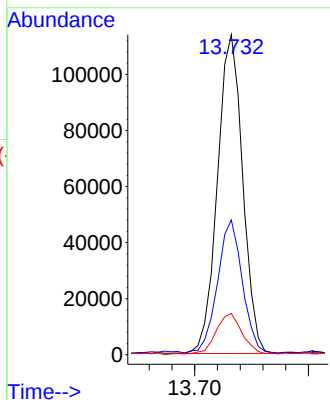
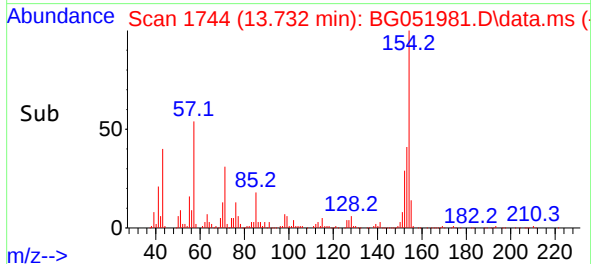
Instrument :
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ClientSampleId :
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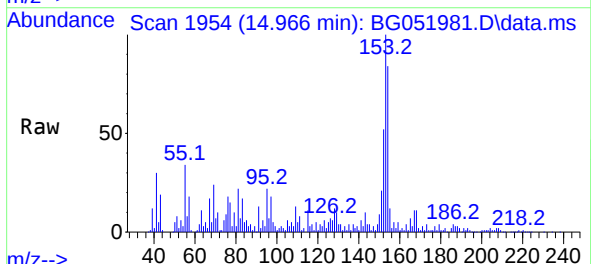
Tgt Ion:154 Resp: 17513
Ion Ratio Lower Upper
154 100
153 42.1 34.5 51.7
76 12.9 13.1 19.7

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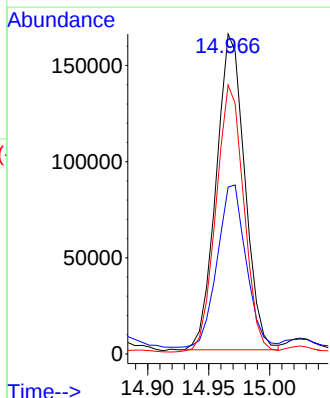
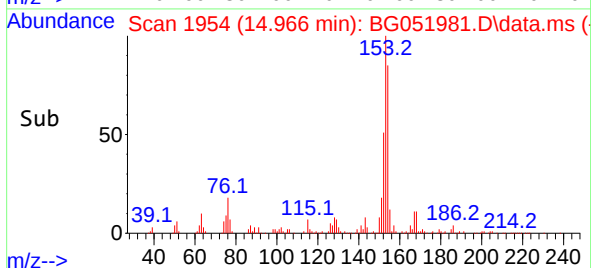
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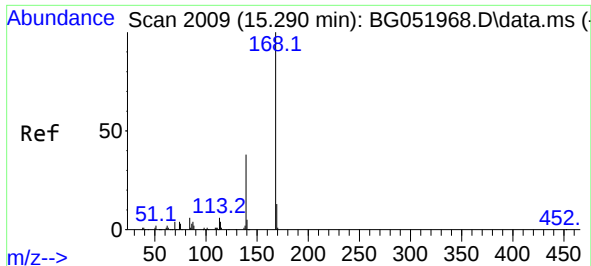


#52
Acenaphthene
Concen: 57.073 ng/u1
RT: 14.966 min Scan# 1954
Delta R.T. 0.010 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59



Tgt Ion:153 Resp: 268212
Ion Ratio Lower Upper
153 100
152 52.2 36.5 54.7
154 84.0 65.8 98.6





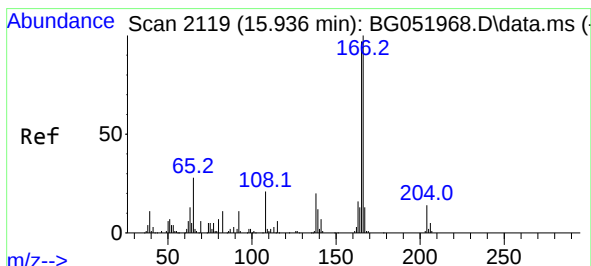
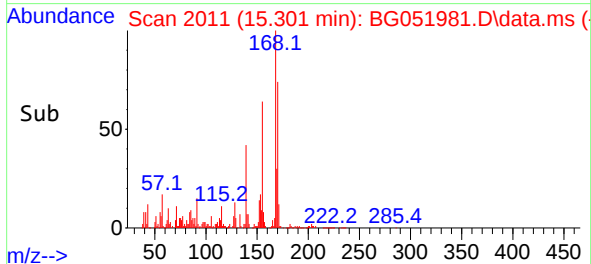
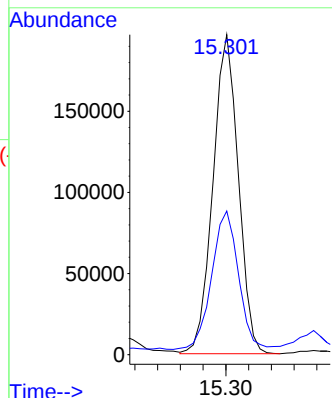
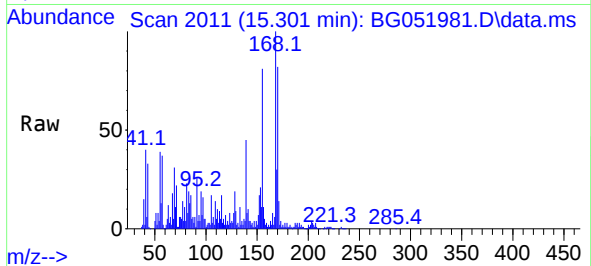
#56
Dibenzofuran
Concen: 44.612 ng/u1
RT: 15.301 min Scan# 2009
Delta R.T. 0.016 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

Instrument :
BNA_G
ClientSampleId :
BGLS6

Tgt Ion:168 Resp: 30448
Ion Ratio Lower Upper
168 100
139 44.9 31.2 46.8

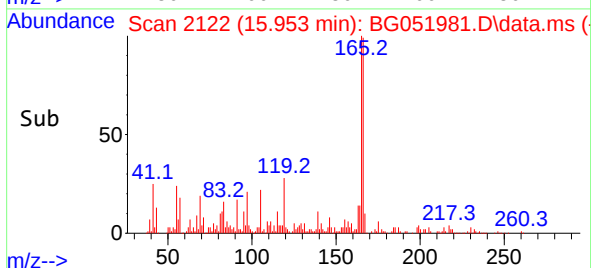
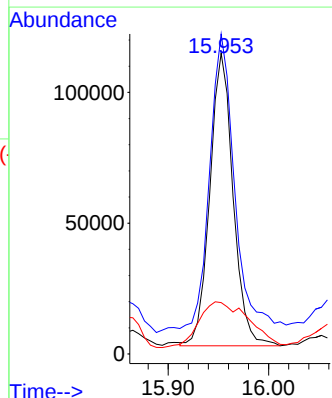
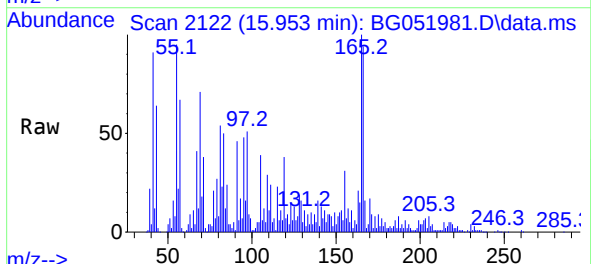
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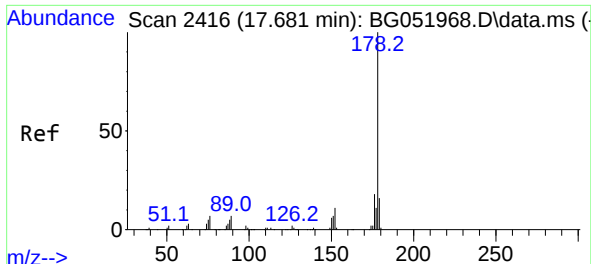
Reviewed By :Jagrut Upadhyay 01/17/2022
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#61
Fluorene
Concen: 31.680 ng/u1
RT: 15.953 min Scan# 2122
Delta R.T. 0.016 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

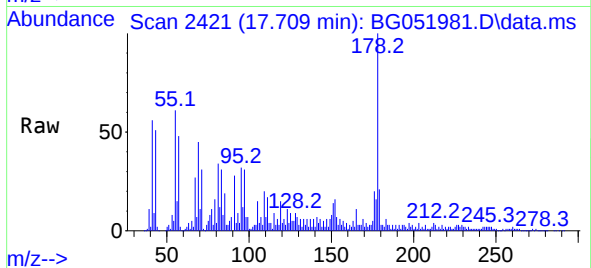
Tgt Ion:166 Resp: 180180
Ion Ratio Lower Upper
166 100
165 106.4 81.0 121.6
167 17.1 11.0 16.4#





#72
Phenanthrene
Concen: 48.029 ng/u1
RT: 17.709 min Scan# 2416
Delta R.T. 0.028 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

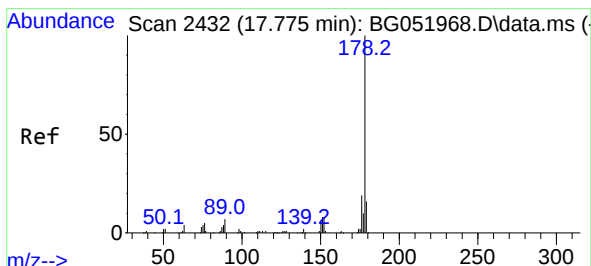
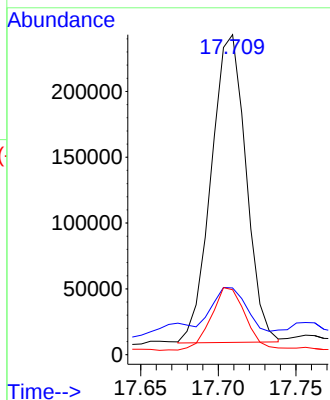
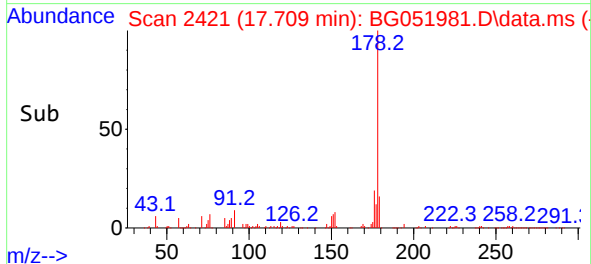
Instrument :
BNA_G
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Tgt Ion:178 Resp: 36422
Ion Ratio Lower Upper
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179 20.8 12.3 18.5
176 20.3 15.5 23.3

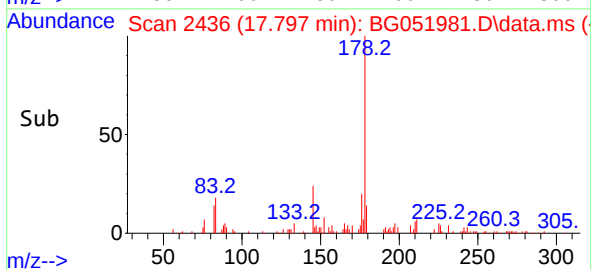
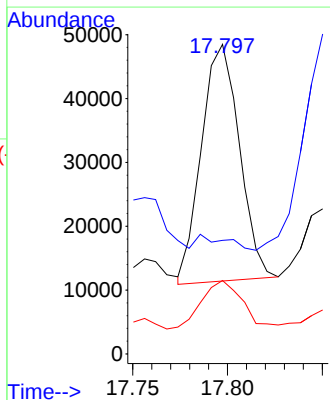
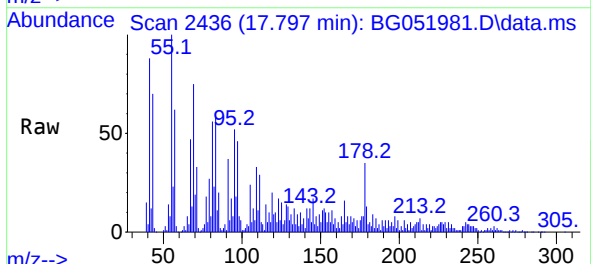
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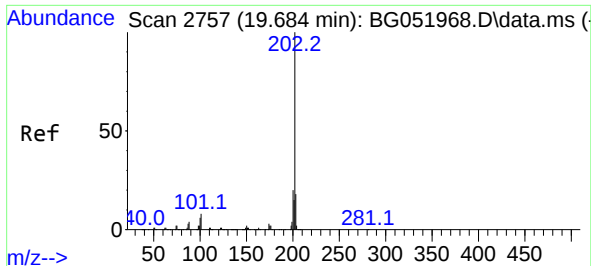
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#74
Anthracene
Concen: 6.831 ng/u1
RT: 17.797 min Scan# 2436
Delta R.T. 0.022 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

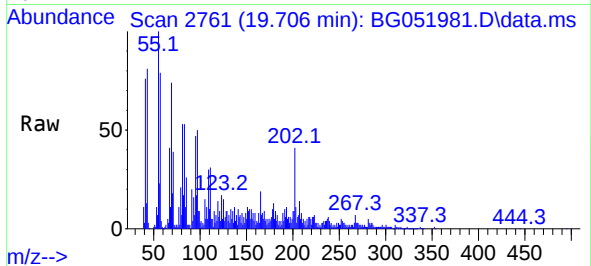
Tgt Ion:178 Resp: 51857
Ion Ratio Lower Upper
178 100
179 36.7 13.0 19.6#
176 23.7 15.6 23.4#





#80
Fluoranthene
Concen: 7.978 ng/u1
RT: 19.706 min Scan# 21
Delta R.T. 0.028 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

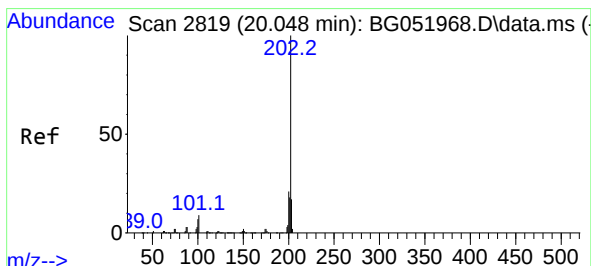
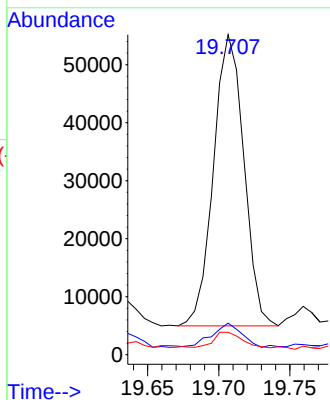
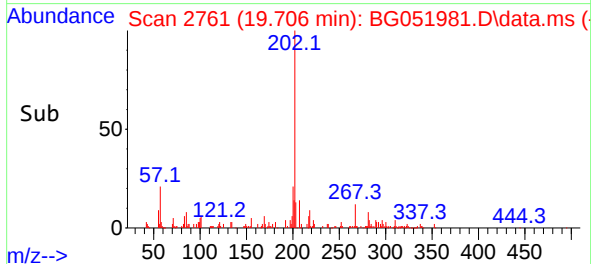
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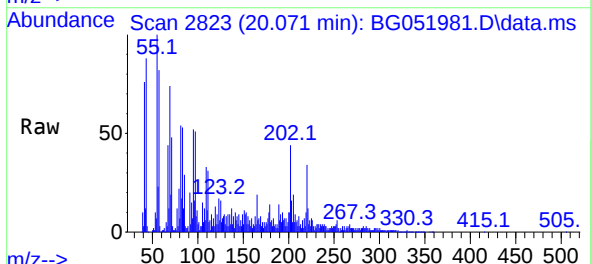
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Ion Ratio Lower Upper
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101 9.9 9.3 13.9
100 7.0 7.0 10.6

Manual Integrations
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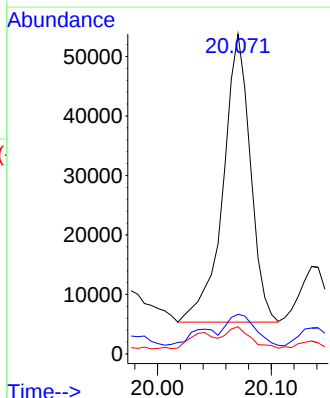
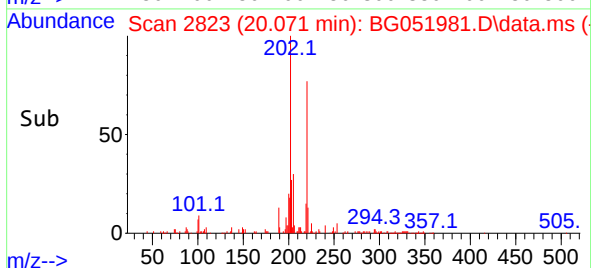
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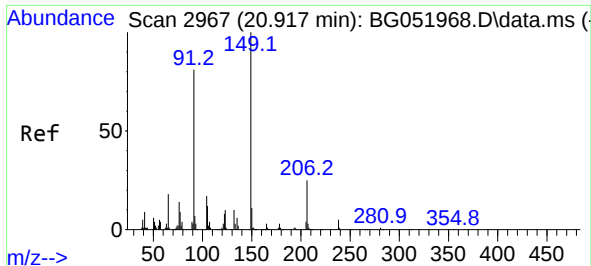


#82
Pyrene
Concen: 8.773 ng/u1
RT: 20.071 min Scan# 2823
Delta R.T. 0.028 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59



Tgt Ion:202 Resp: 80746
Ion Ratio Lower Upper
202 100
101 12.4 10.7 16.1
100 8.5 9.0 13.6#





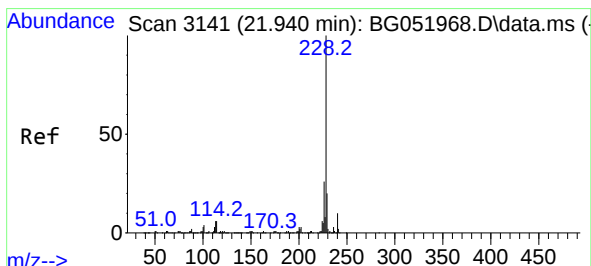
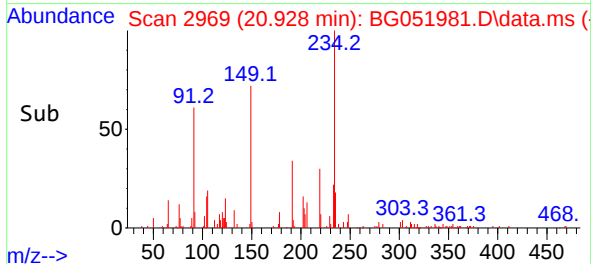
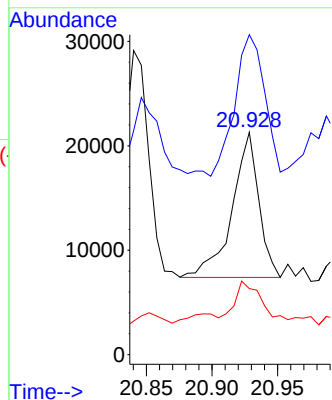
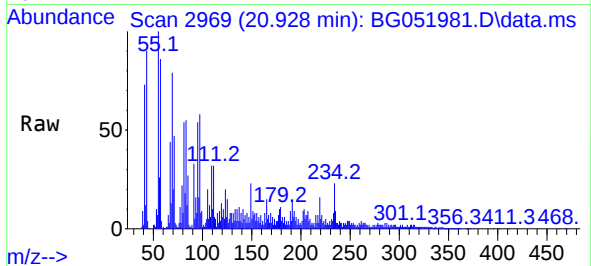
#83
Butylbenzylphthalate
Concen: 6.137 ng/ul
RT: 20.928 min Scan# 2969
Delta R.T. 0.016 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

Instrument :
BNA_G
ClientSampleId :
BGLS6

Tgt Ion:149 Resp: 1965
Ion Ratio Lower Upper
149 100
91 143.9 65.2 97.8
206 29.7 16.2 24.2

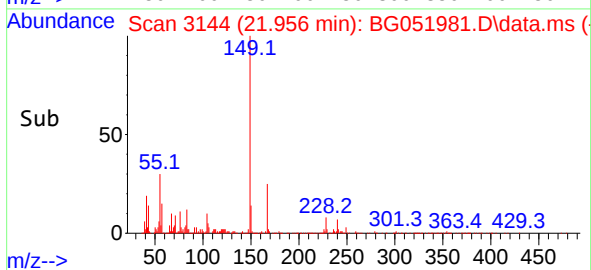
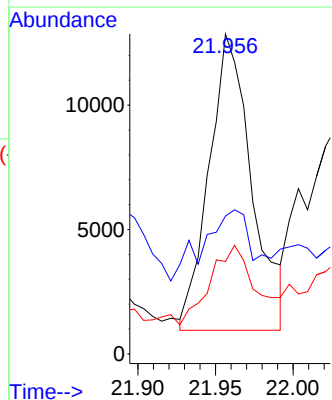
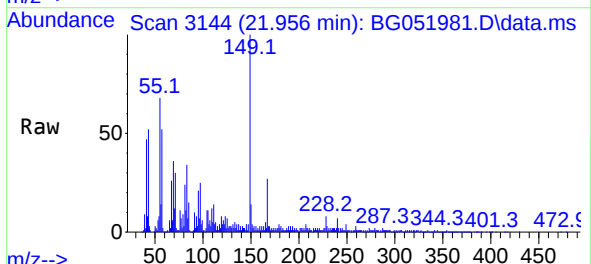
Manual Integrations
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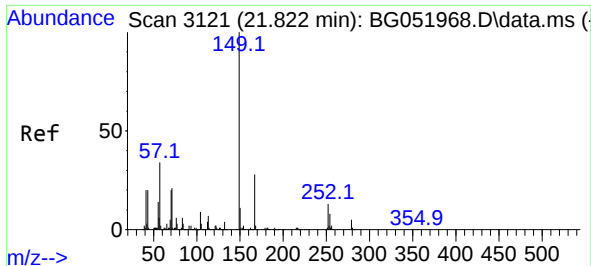
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#85
Benzo(a)anthracene
Concen: 2.467 ng/ul
RT: 21.956 min Scan# 3144
Delta R.T. 0.022 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

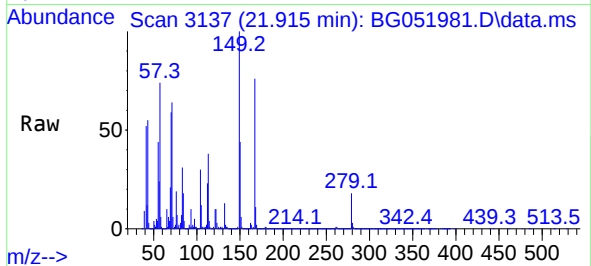
Tgt Ion:228 Resp: 22808
Ion Ratio Lower Upper
228 100
229 43.1 15.7 23.5
226 28.9 22.3 33.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 2982.828 ng/ul m
RT: 21.915 min Scan# 3117
Delta R.T. 0.098 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

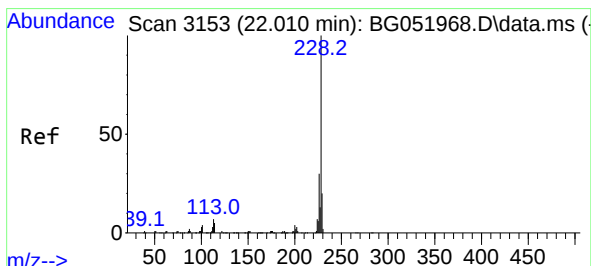
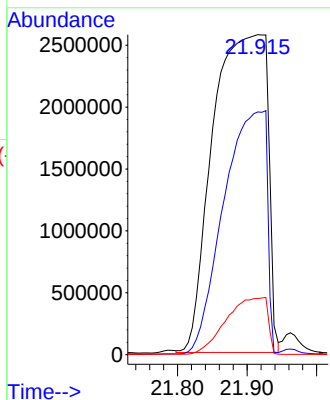
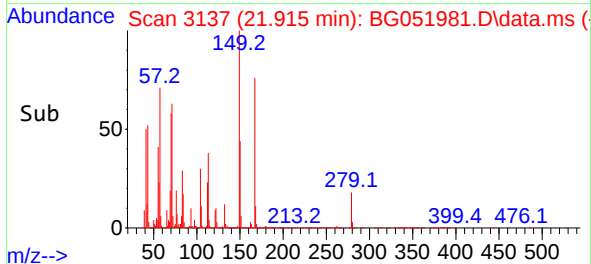
Instrument :
BNA_G
ClientSampleId :
BGLS6



Tgt Ion:149 Resp:1397298
Ion Ratio Lower Upper
149 100
167 75.9 21.1 31.7
279 17.6 2.7 4.1

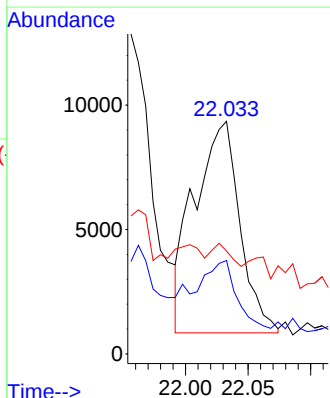
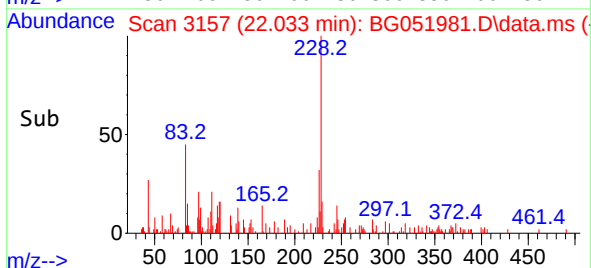
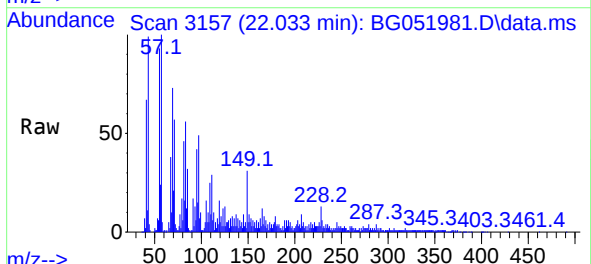
Manual Integrations
APPROVED

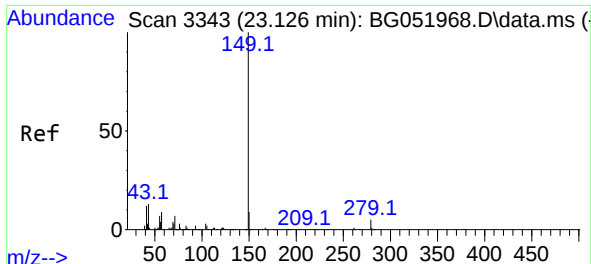
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#87
Chrysene
Concen: 2.417 ng/ul m
RT: 22.033 min Scan# 3157
Delta R.T. 0.028 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

Tgt Ion:228 Resp: 21513
Ion Ratio Lower Upper
228 100
226 40.2 24.8 37.2#
229 44.2 15.8 23.6#





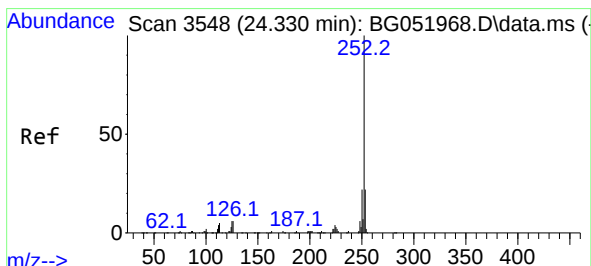
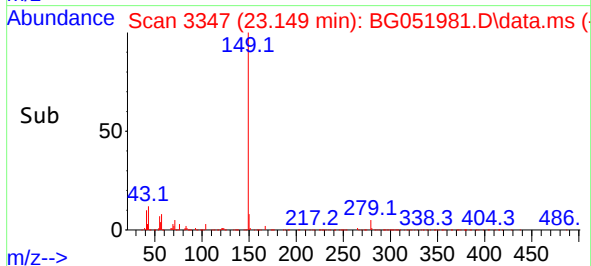
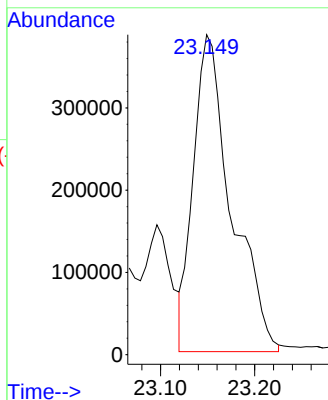
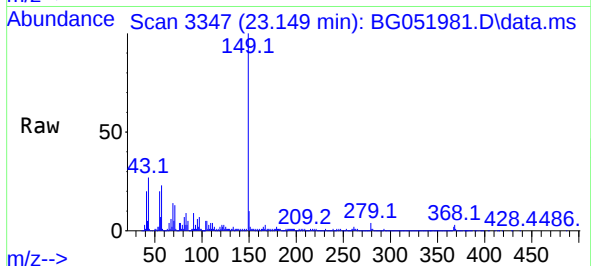
#89
Di-n-octyl phthalate
Concen: 134.698 ng/ul m
RT: 23.149 min Scan# 31
Delta R.T. 0.028 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

Instrument :
BNA_G
ClientSampleId :
BGLS6

Tgt Ion:149 Resp: 108011

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#90
Benzo(b)fluoranthene
Concen: 1.453 ng/ul
RT: 24.377 min Scan# 3556
Delta R.T. 0.052 min
Lab File: BG051981.D
Acq: 14 Jan 2022 17:59

Tgt Ion:252 Resp: 13977
Ion Ratio Lower Upper
252 100
253 47.9 17.8 26.6#
125 108.8 8.5 12.7#

