

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
 Data File : BG051979.D
 Acq On : 14 Jan 2022 16:44
 Operator : CG/JU
 Sample : N1100-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLS8

Manual Integrations
 APPROVED

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

Quant Time: Jan 17 00:18:39 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	8.276	152	34135	20.000	ng/ul	0.02
20) Naphthalene-d8	11.236	136	136190m	20.000	ng/ul	0.15
38) Acenaphthene-d10	14.914	164	98400m	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.675	188	154413	20.000	ng/ul	# 0.03
79) Chrysene-d12	22.034	240	71689m	20.000	ng/ul	0.08
88) Perylene-d12	25.588	264	155744	20.000	ng/ul	0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	2937	3.074	ng/uL	0.00
4) Pyridine-d5	4.011	84	18323	6.170	ng/ul	0.00
7) Phenol-d5	7.406	99	55234	16.533	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.594	67	136703	64.457	ng/ul	0.03
11) 2-Chlorophenol-d4	7.794	132	40670	18.386	ng/ul	0.02
15) 4-Methylphenol-d8	8.957	113	214217	82.483	ng/ul	0.00
21) Nitrobenzene-d5	9.486	128	27062	25.147	ng/ul	0.06
24) 2-Nitrophenol-d4	10.179	143	23675m	19.892	ng/ul	0.03
28) 2,4-Dichlorophenol-d3	10.737	165	42950m	18.462	ng/ul	0.03
31) 4-Chloroaniline-d4	11.348	131	859819m	265.395	ng/ul	0.13
46) Dimethylphthalate-d6	14.303	166	141032	17.340	ng/ul	0.02
49) Acenaphthylene-d8	14.614	160	160621	16.348	ng/ul	0.03
54) 4-Nitrophenol-d4	15.090	143	22697	16.691	ng/ul	0.02
60) Fluorene-d10	15.907	176	114494	16.145	ng/ul	0.03
65) 4,6-Dinitro-2-methylph...	16.018	200	15819	16.239	ng/ul	0.03
73) Anthracene-d10	17.780	188	180540	24.647	ng/ul	0.04
81) Pyrene-d10	20.060	212	239032	57.935	ng/ul	0.05
92) Benzo(a)pyrene-d12	25.335	264	195945	23.898	ng/ul	0.14
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.326	107	97852	34.477	ng/ul#	48
30) Naphthalene	11.336	128	32288668m	4375.213	ng/ul	
36) 2-Methylnaphthalene	12.828	142	10013146	1904.795	ng/ul	89
37) 1-Methylnaphthalene	13.022	142	5199446	963.755	ng/ul#	97
43) 1,1'-Biphenyl	13.756	154	2449922	322.508	ng/ul	92
50) Acenaphthylene	14.644	152	191448	19.789	ng/ul#	54
52) Acenaphthene	14.990	153	1440251	223.897	ng/ul	93
56) Dibenzofuran	15.319	168	1736130	185.832	ng/ul#	86
61) Fluorene	15.971	166	993811	127.656	ng/ul#	98
72) Phenanthrene	17.728	178	1712134	211.609	ng/ul#	89
74) Anthracene	17.816	178	278749	34.417	ng/ul#	87
77) Carbazole	18.068	167	89504	12.264	ng/ul#	42
80) Fluoranthene	19.731	202	507063	106.349	ng/ul	96
82) Pyrene	20.089	202	481268	102.522	ng/ul#	91
83) Butylbenzylphthalate	20.976	149	3520548	2154.982	ng/ul#	92
85) Benzo(a)anthracene	21.987	228	43532	9.233	ng/ul#	85
86) Bis(2-ethylhexyl)phtha...	21.940	149	26551220m	11113.034	ng/ul	
87) Chrysene	22.063	228	154105	33.945	ng/ul#	1
89) Di-n-octyl phthalate	23.220	149	5284655	614.259	ng/ul	100
90) Benzo(b)fluoranthene	24.454	252	98637m	9.557	ng/ul	
91) Benzo(k)fluoranthene	24.518	252	46654m	4.889	ng/ul	
93) Benzo(a)pyrene	25.417	252	56187	5.752	ng/ul#	27
94) Indeno(1,2,3-cd)pyrene	29.653	276	34345m	3.072	ng/ul	
96) Benzo(g,h,i)perylene	30.904	276	18158m	1.931	ng/ul	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

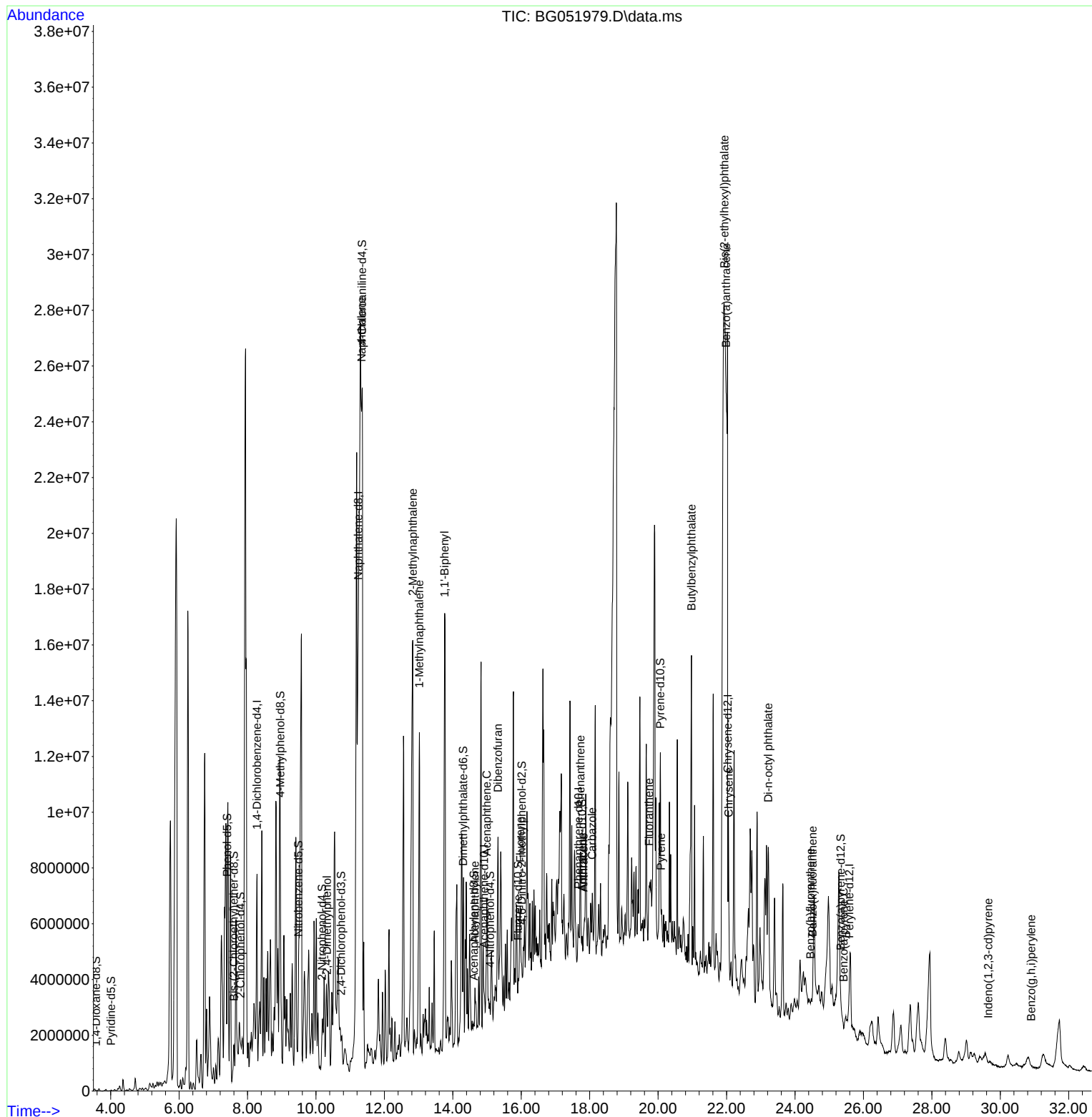
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
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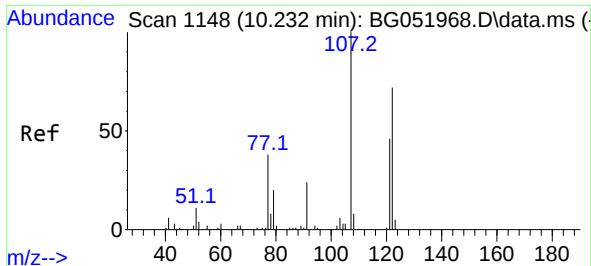
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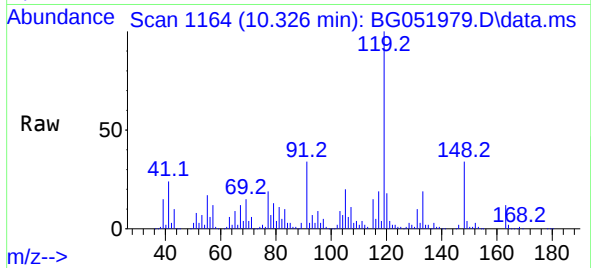
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#26
2,4-Dimethylphenol
Concen: 34.477 ng/ul
RT: 10.326 min Scan# 1148
Delta R.T. 0.093 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

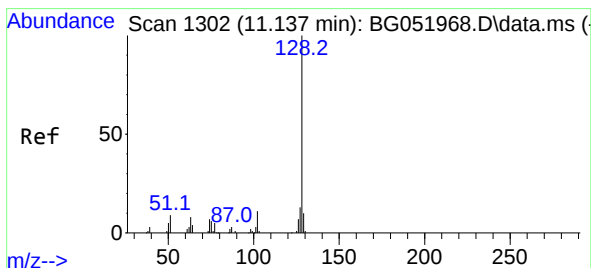
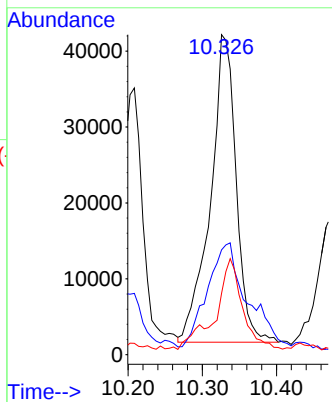
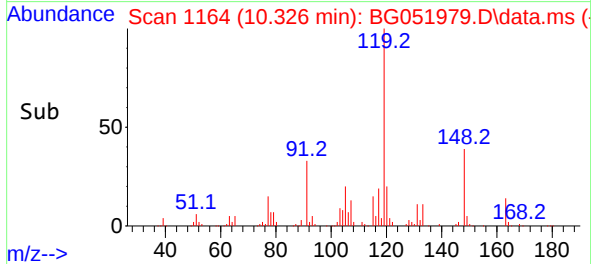
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Tgt Ion:107 Resp: 97852
Ion Ratio Lower Upper
107 100
121 32.8 39.3 58.9#
122 19.1 63.7 95.5#

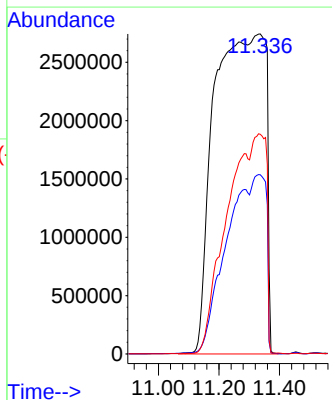
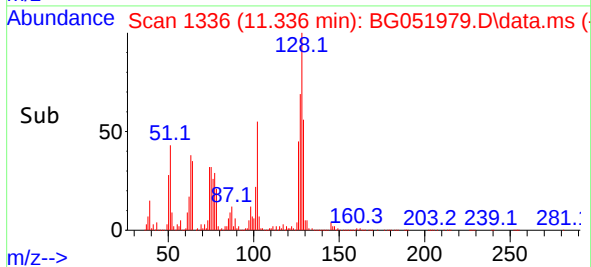
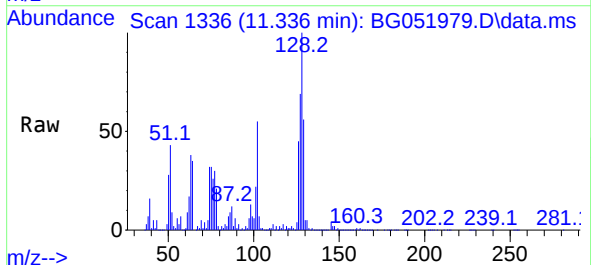
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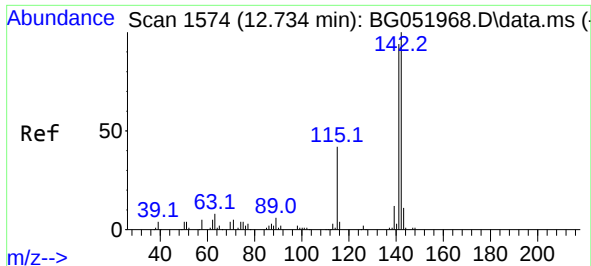
Reviewed By :Jagrut Upadhyay 01/17/2022
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#30
Naphthalene
Concen: 4375.213 ng/ul m
RT: 11.336 min Scan# 1336
Delta R.T. 0.193 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

Tgt Ion:128 Resp:32288668
Ion Ratio Lower Upper
128 100
129 56.0 8.5 12.7#
127 68.7 11.8 17.6#





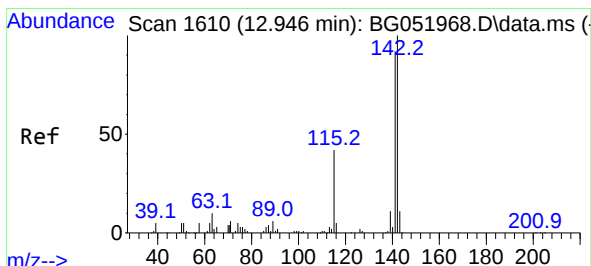
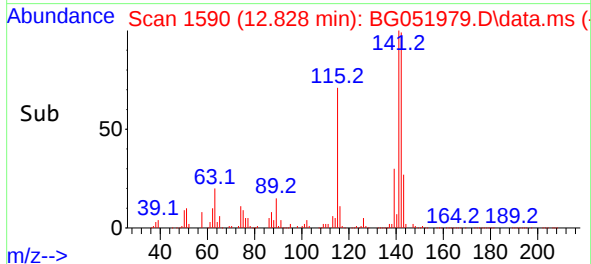
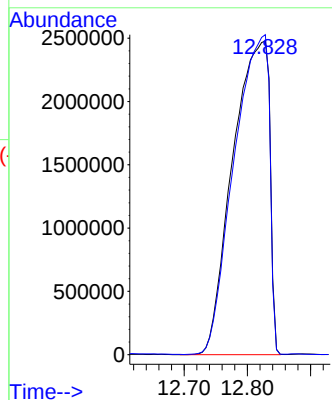
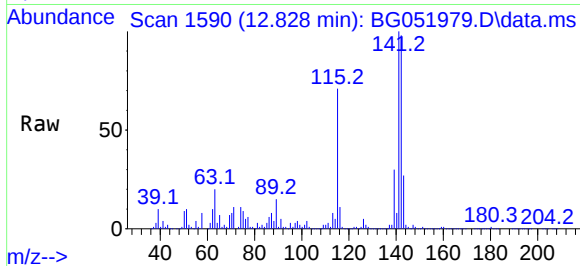
#36
2-Methylnaphthalene
Concen: 1904.795 ng/ul
RT: 12.828 min Scan# 11
Delta R.T. 0.093 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:142 Resp:1001314
Ion Ratio Lower Upper
142 100
141 102.0 73.3 109.9

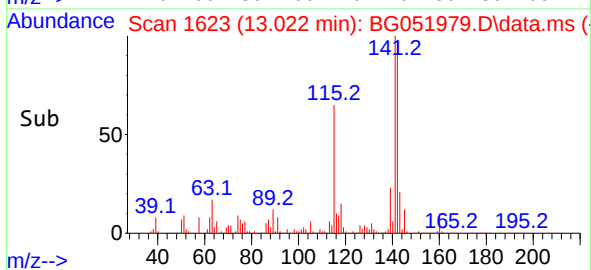
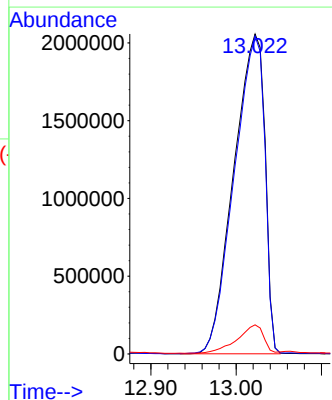
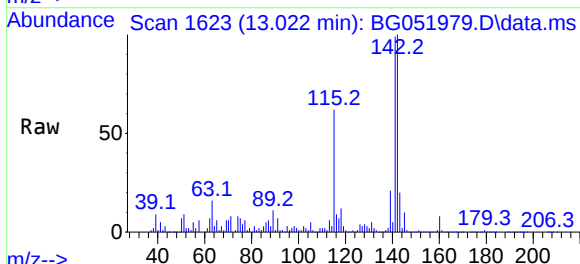
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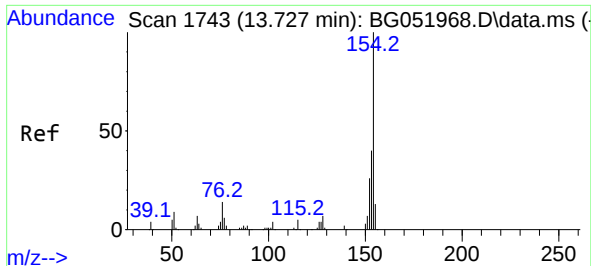
Reviewed By :Jagrut Upadhyay 01/17/2022
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#37
1-Methylnaphthalene
Concen: 963.755 ng/ul
RT: 13.022 min Scan# 1623
Delta R.T. 0.070 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

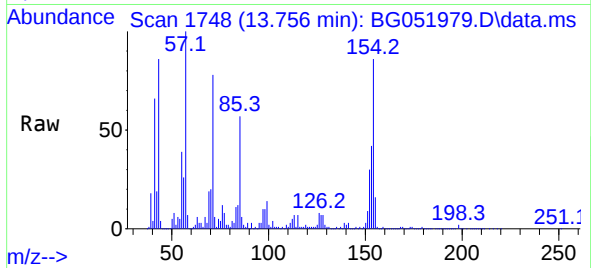
Tgt Ion:142 Resp: 5199446
Ion Ratio Lower Upper
142 100
141 99.4 77.8 116.8
116 9.1 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 322.508 ng/u1
RT: 13.756 min Scan# 11
Delta R.T. 0.029 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

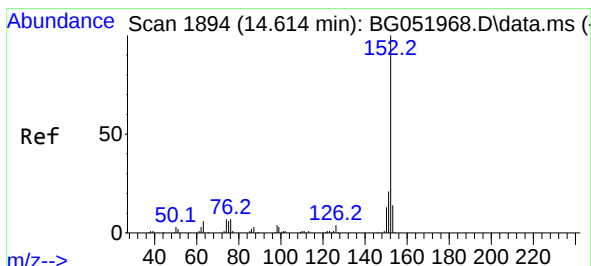
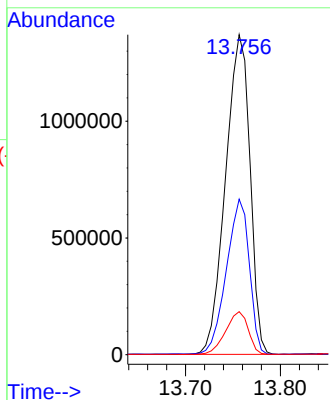
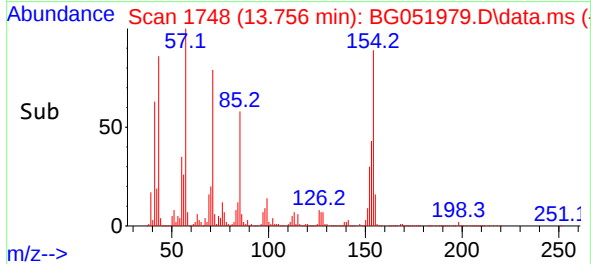
Instrument :
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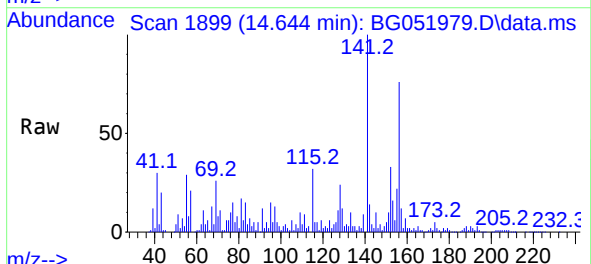
Tgt Ion:154 Resp: 244992
Ion Ratio Lower Upper
154 100
153 48.6 34.5 51.7
76 13.4 13.1 19.7

Manual Integrations
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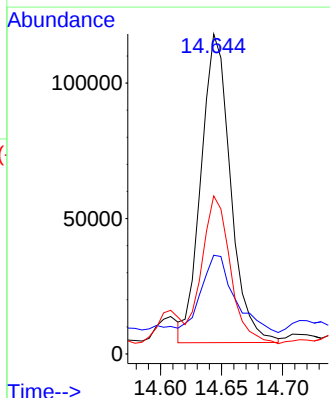
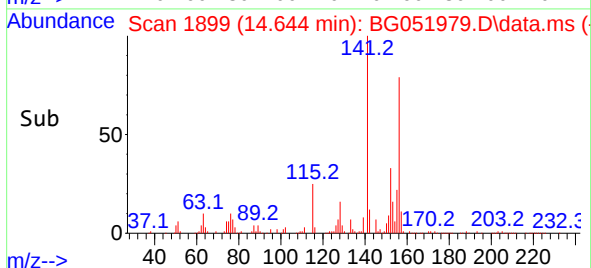
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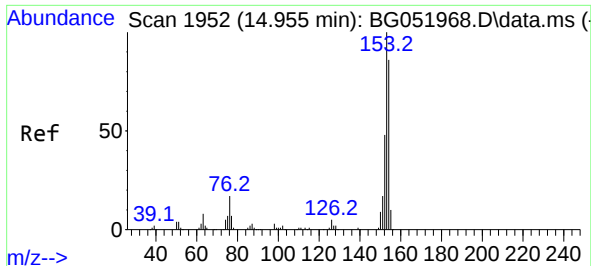


#50
Acenaphthylene
Concen: 19.789 ng/u1
RT: 14.644 min Scan# 1899
Delta R.T. 0.029 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44



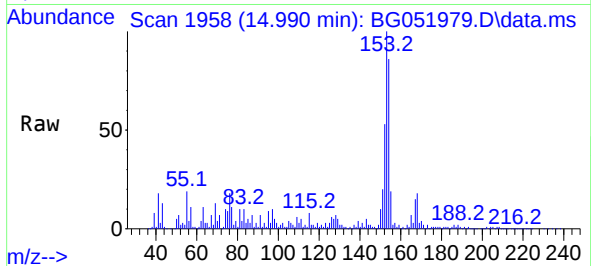
Tgt Ion:152 Resp: 191448
Ion Ratio Lower Upper
152 100
151 30.9 17.4 26.0#
153 49.4 10.3 15.5#





#52
Acenaphthene
Concen: 223.897 ng/u1
RT: 14.990 min Scan# 1958
Delta R.T. 0.035 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

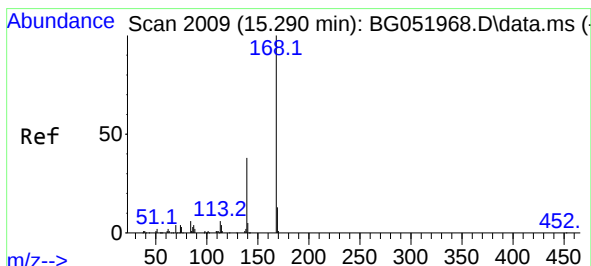
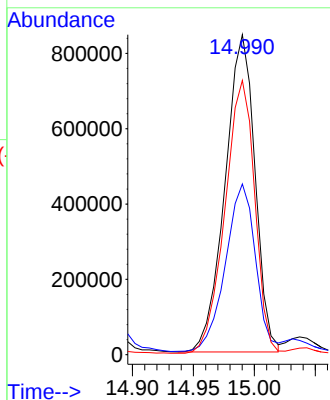
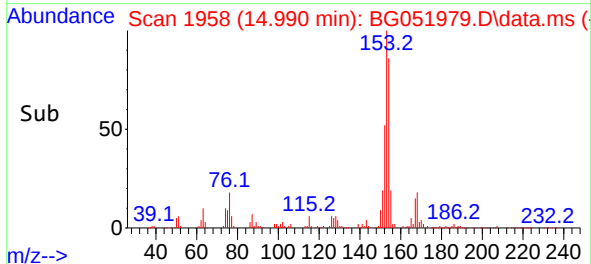
Instrument :
BNA_G
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BGLS8



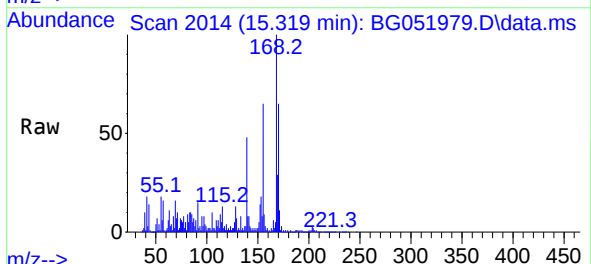
Tgt Ion:153 Resp: 144025
Ion Ratio Lower Upper
153 100
152 53.4 36.5 54.7
154 85.7 65.8 98.6

Manual Integrations
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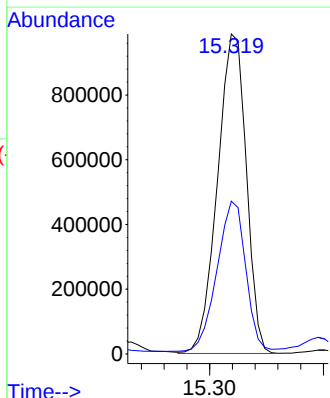
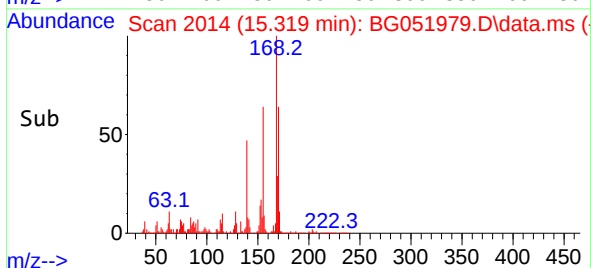
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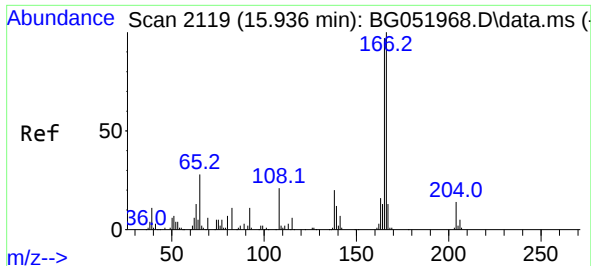


#56
Dibenzofuran
Concen: 185.832 ng/u1
RT: 15.319 min Scan# 2014
Delta R.T. 0.035 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44



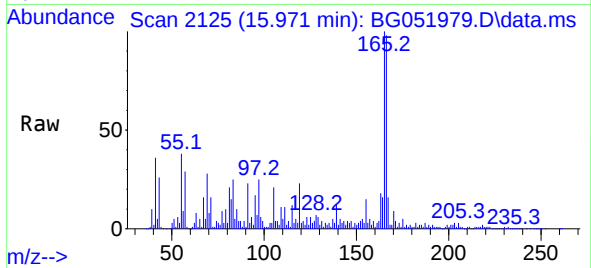
Tgt Ion:168 Resp: 1736130
Ion Ratio Lower Upper
168 100
139 47.7 31.2 46.8#





#61
Fluorene
Concen: 127.656 ng/ul
RT: 15.971 min Scan# 2119
Delta R.T. 0.035 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

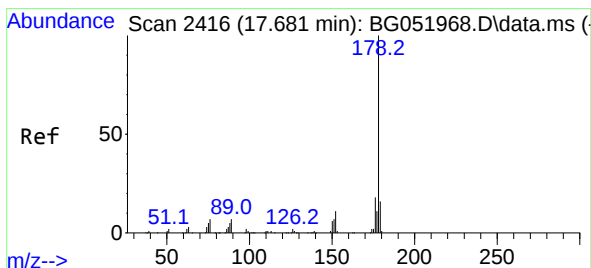
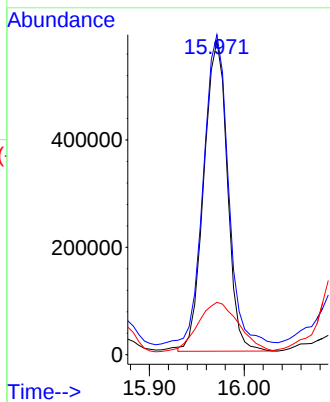
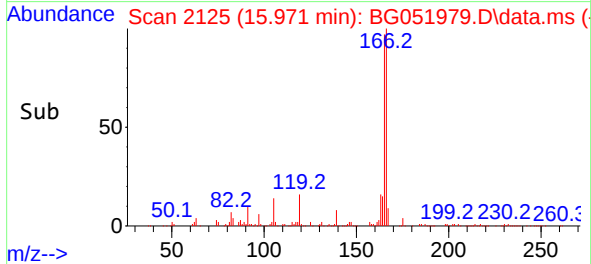
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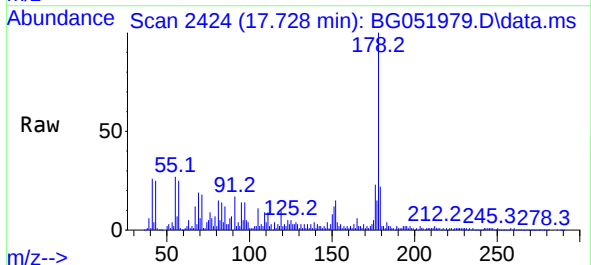
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Ion Ratio Lower Upper
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165 102.0 81.0 121.6
167 16.7 11.0 16.4

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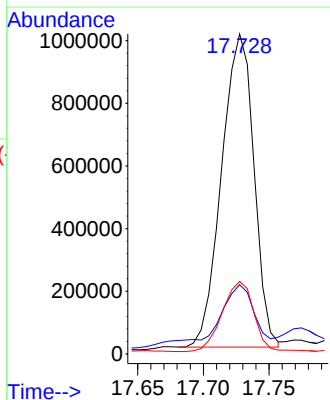
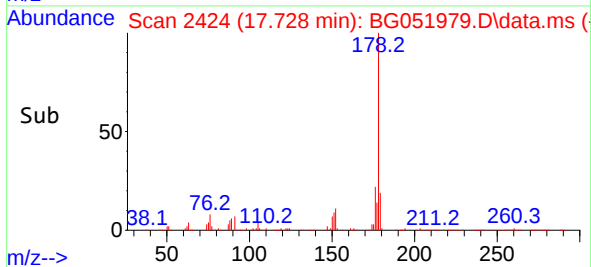
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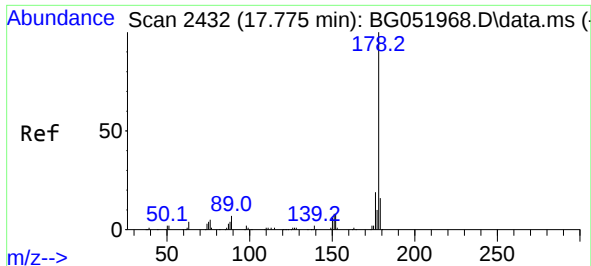


#72
Phenanthrene
Concen: 211.609 ng/ul
RT: 17.728 min Scan# 2424
Delta R.T. 0.046 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44



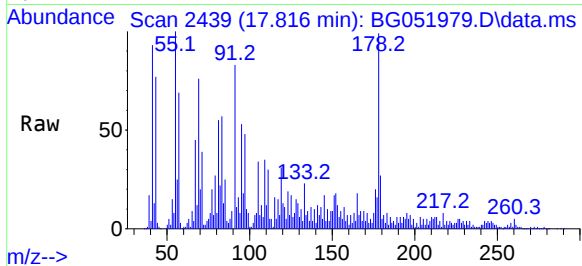
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Ion Ratio Lower Upper
178 100
179 21.6 12.3 18.5#
176 22.7 15.5 23.3





#74
 Anthracene
 Concen: 34.417 ng/u1
 RT: 17.816 min Scan# 2439
 Delta R.T. 0.040 min
 Lab File: BG051979.D
 Acq: 14 Jan 2022 16:44

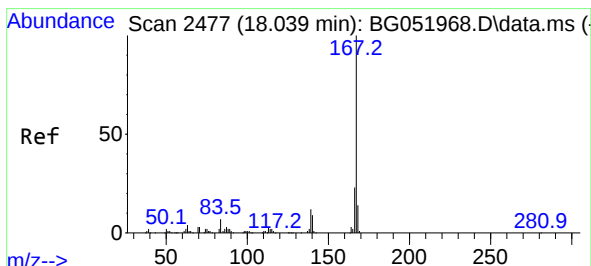
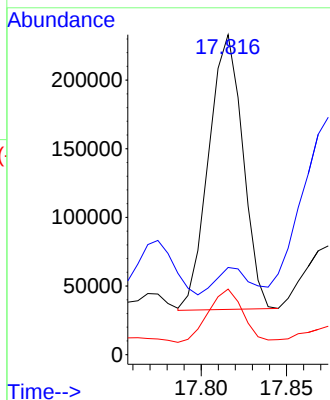
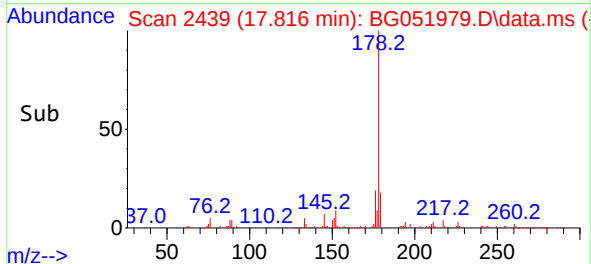
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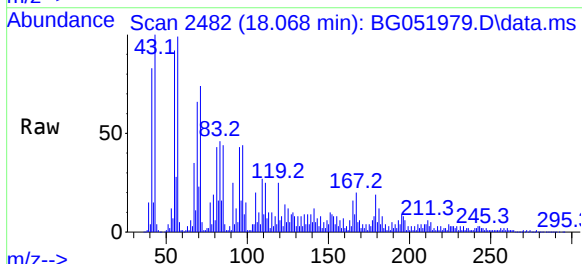
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 Ion Ratio Lower Upper
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 179 27.3 13.0 19.6
 176 20.5 15.6 23.4

Manual Integrations
 APPROVED

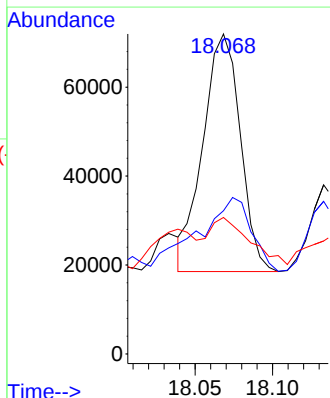
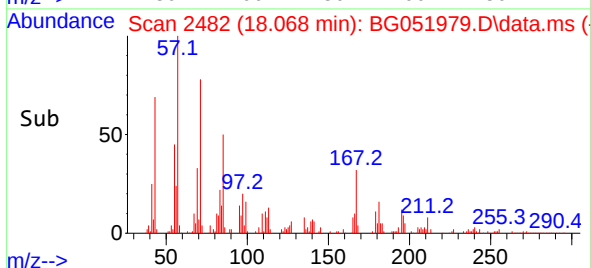
Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022

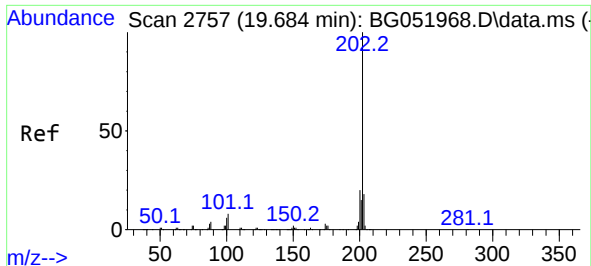


#77
 Carbazole
 Concen: 12.264 ng/u1
 RT: 18.068 min Scan# 2482
 Delta R.T. 0.035 min
 Lab File: BG051979.D
 Acq: 14 Jan 2022 16:44



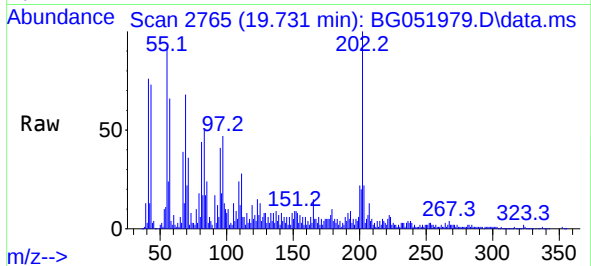
Tgt Ion:167 Resp: 89504
 Ion Ratio Lower Upper
 167 100
 166 44.7 17.3 25.9#
 139 42.7 10.6 16.0#





#80
Fluoranthene
Concen: 106.349 ng/u1
RT: 19.731 min Scan# 21
Delta R.T. 0.052 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

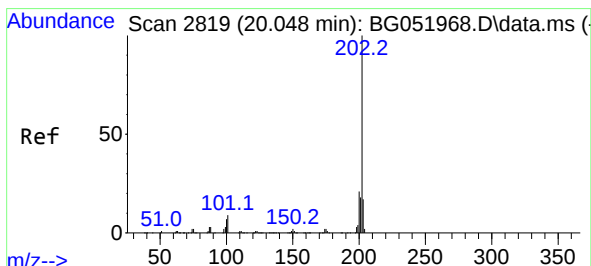
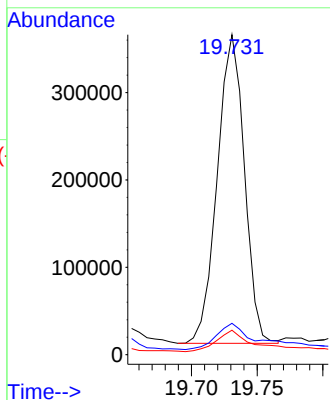
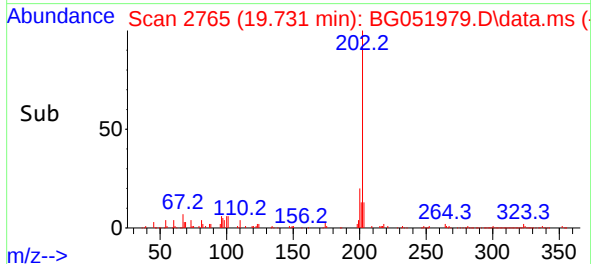
Instrument :
BNA_G
ClientSampleId :
BGLS8



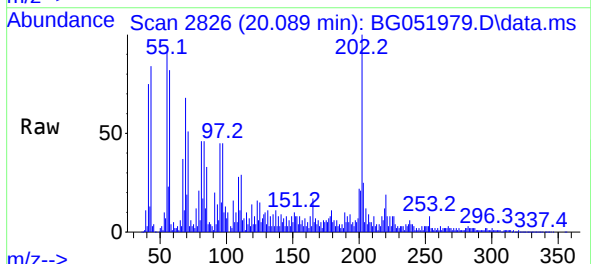
Tgt Ion:202 Resp: 50706
Ion Ratio Lower Upper
202 100
101 9.8 9.3 13.9
100 7.6 7.0 10.6

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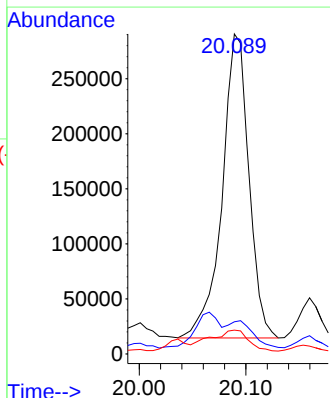
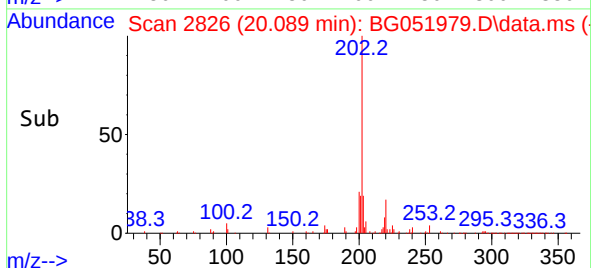
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

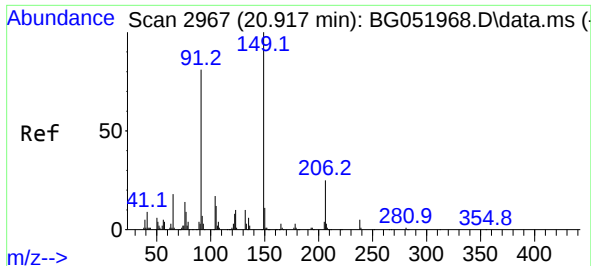


#82
Pyrene
Concen: 102.522 ng/u1
RT: 20.089 min Scan# 2826
Delta R.T. 0.046 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44



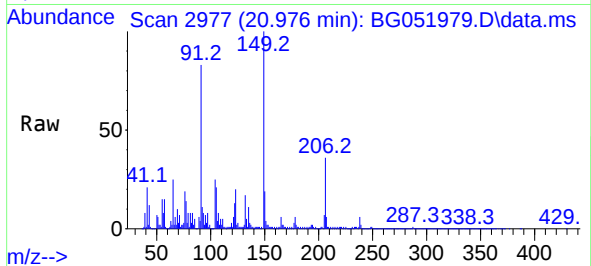
Tgt Ion:202 Resp: 481268
Ion Ratio Lower Upper
202 100
101 10.1 10.7 16.1#
100 7.5 9.0 13.6#





#83
Butylbenzylphthalate
Concen: 2154.982 ng/ul
RT: 20.976 min Scan# 2967
Delta R.T. 0.064 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

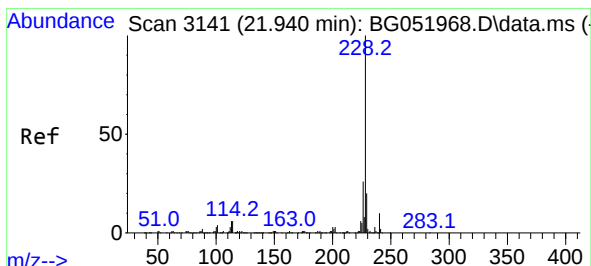
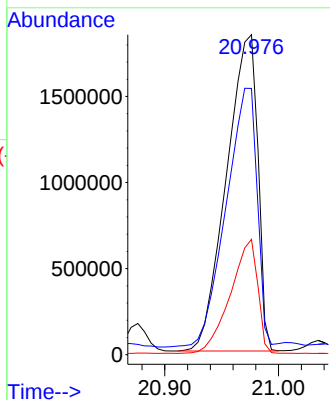
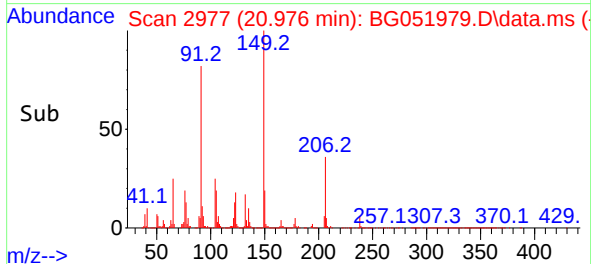
Instrument :
BNA_G
ClientSampleId :
BGLS8



Tgt Ion:149 Resp: 352054
Ion Ratio Lower Upper
149 100
91 83.2 65.2 97.8
206 36.0 16.2 24.2

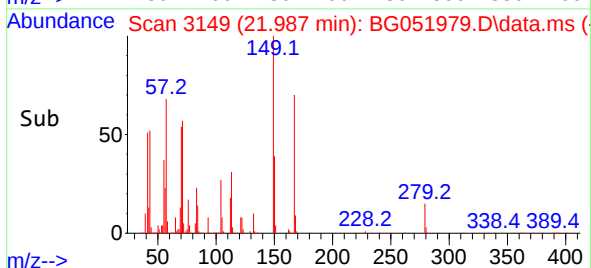
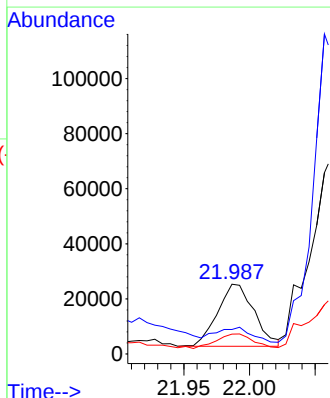
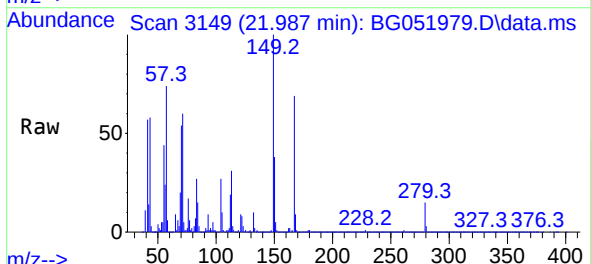
Manual Integrations
APPROVED

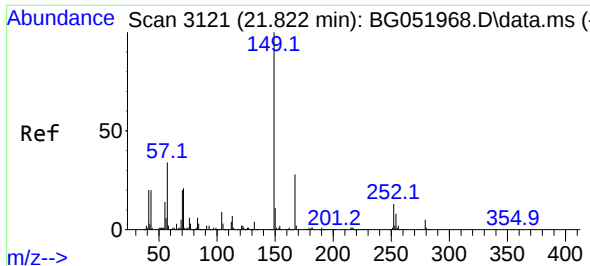
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#85
Benzo(a)anthracene
Concen: 9.233 ng/ul
RT: 21.987 min Scan# 3149
Delta R.T. 0.052 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

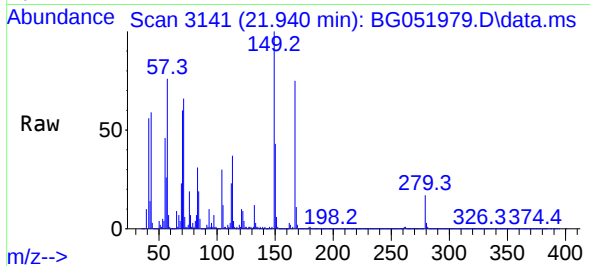
Tgt Ion:228 Resp: 43532
Ion Ratio Lower Upper
228 100
229 35.1 15.7 23.5#
226 28.5 22.3 33.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 11113.034 ng/u1 m
RT: 21.940 min Scan# 311
Delta R.T. 0.123 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

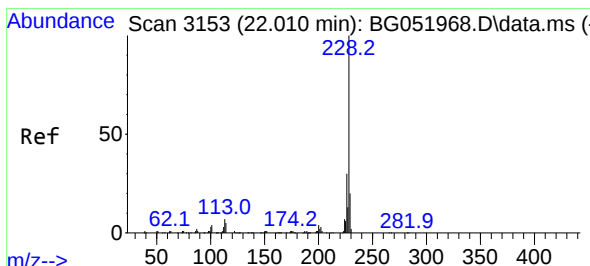
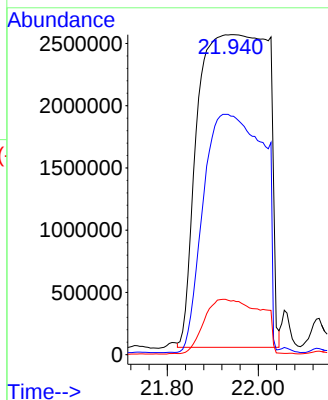
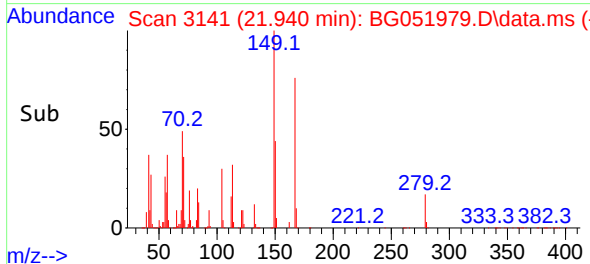
Instrument :
BNA_G
ClientSampleId :
BGLS8



Tgt Ion:149 Resp:26551220
Ion Ratio Lower Upper
149 100
167 74.6 21.1 31.7
279 16.7 2.7 4.1

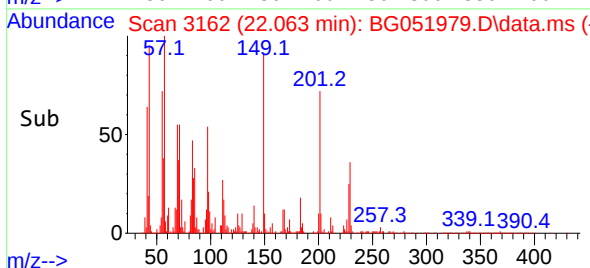
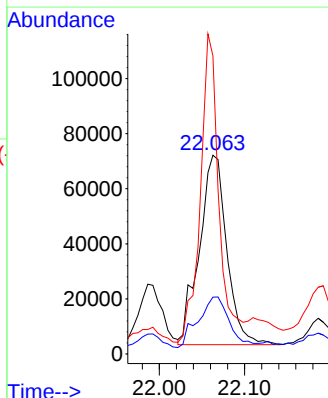
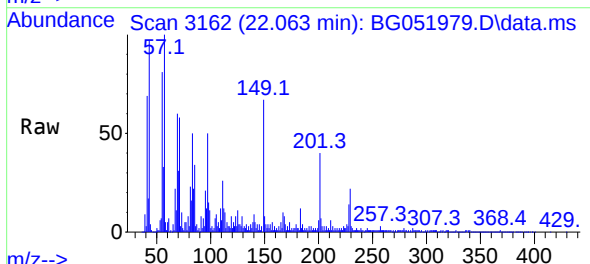
Manual Integrations
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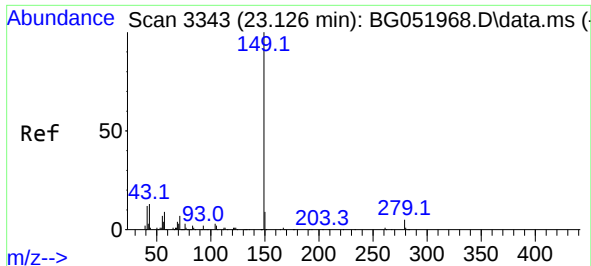
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#87
Chrysene
Concen: 33.945 ng/u1
RT: 22.063 min Scan# 3162
Delta R.T. 0.058 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

Tgt Ion:228 Resp: 154105
Ion Ratio Lower Upper
228 100
226 28.6 24.8 37.2
229 150.1 15.8 23.6





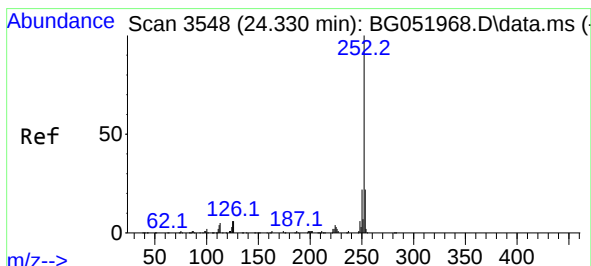
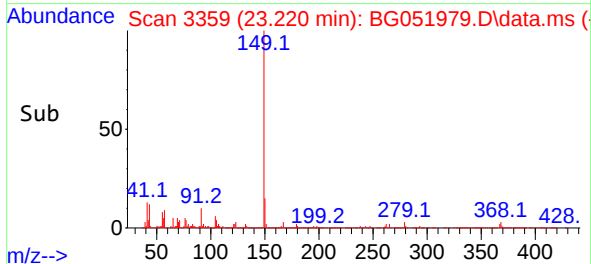
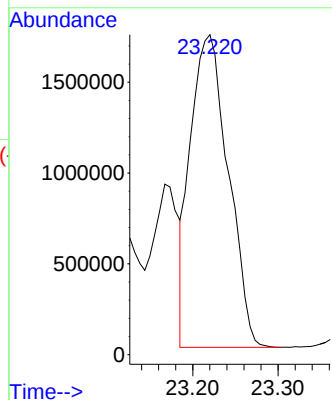
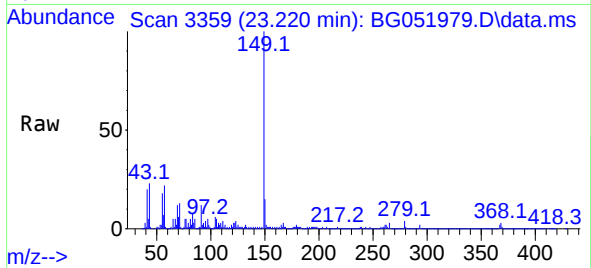
#89
Di-n-octyl phthalate
Concen: 614.259 ng/ul
RT: 23.220 min Scan# 31
Delta R.T. 0.099 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

Instrument :
BNA_G
ClientSampleId :
BGLS8

Tgt Ion:149 Resp: 528465

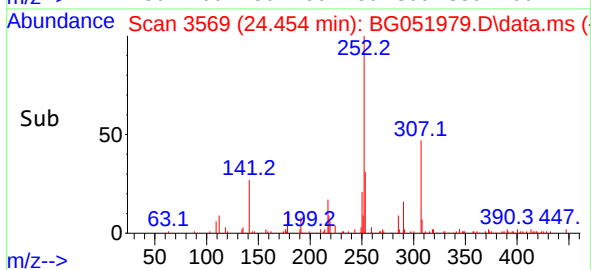
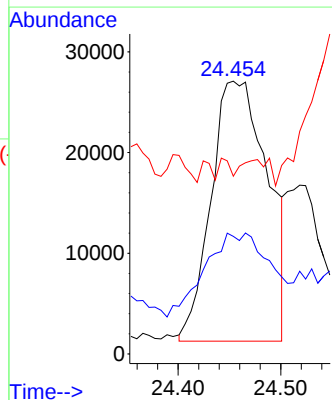
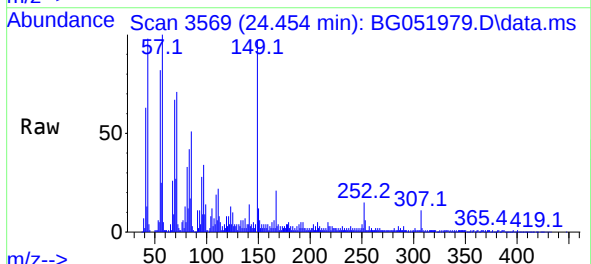
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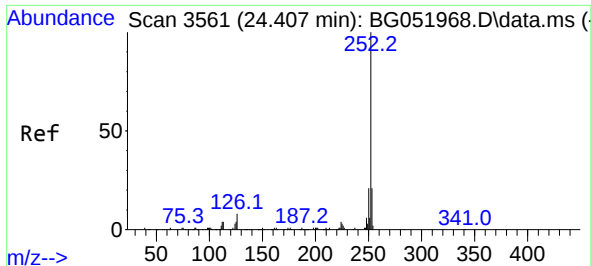
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#90
Benzo(b)fluoranthene
Concen: 9.557 ng/ul m
RT: 24.454 min Scan# 3569
Delta R.T. 0.129 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

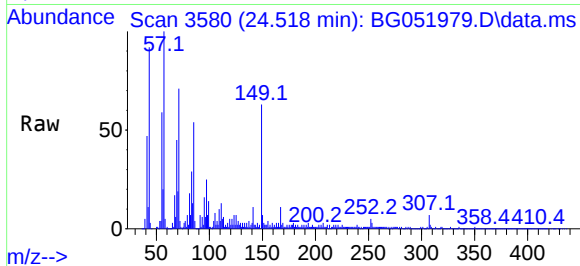
Tgt Ion:252 Resp: 98637
Ion Ratio Lower Upper
252 100
253 43.1 17.8 26.6#
125 65.2 8.5 12.7#





#91
Benzo(k)fluoranthene
Concen: 4.889 ng/ul m
RT: 24.518 min Scan# 3
Delta R.T. 0.123 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

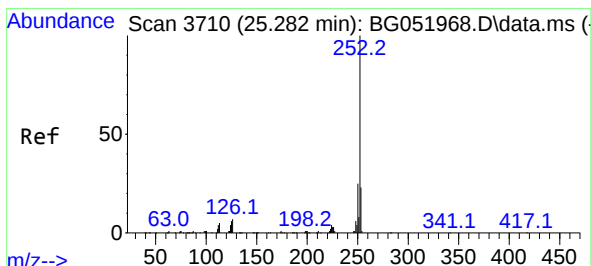
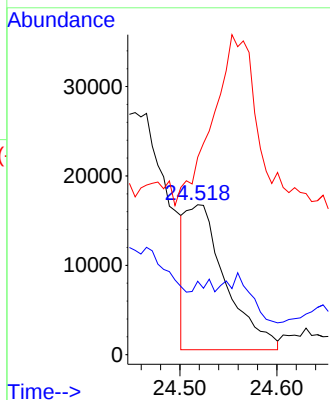
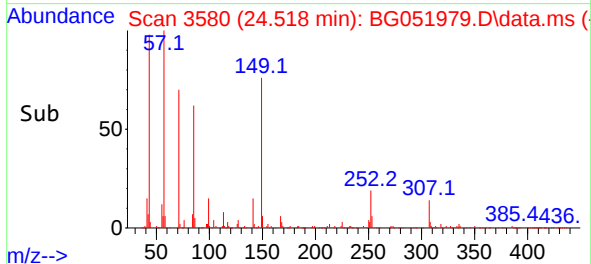
Instrument :
BNA_G
ClientSampleId :
BGLS8



Tgt Ion:252 Resp: 46654
Ion Ratio Lower Upper
252 100
253 49.0 17.3 25.9#
125 131.8 7.8 11.6#

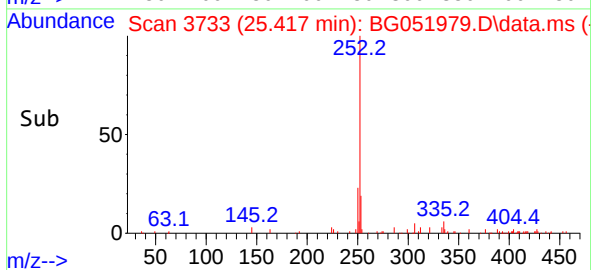
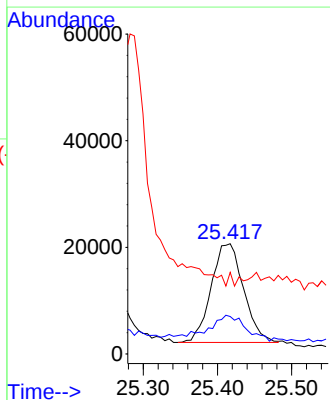
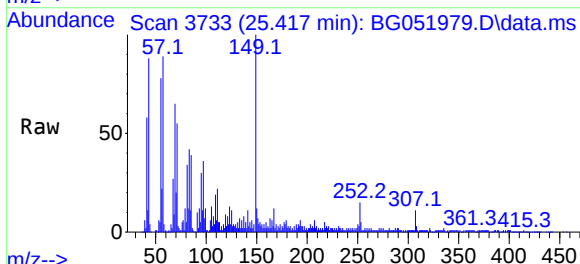
Manual Integrations
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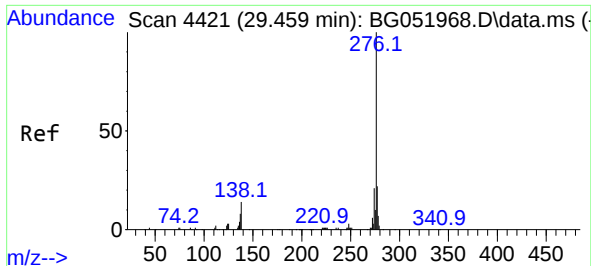
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#93
Benzo(a)pyrene
Concen: 5.752 ng/ul
RT: 25.417 min Scan# 3733
Delta R.T. 0.146 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

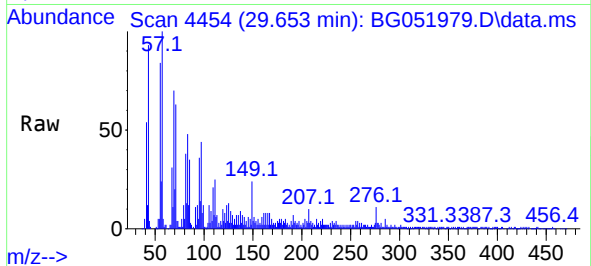
Tgt Ion:252 Resp: 56187
Ion Ratio Lower Upper
252 100
253 33.9 17.4 26.2#
125 74.0 9.1 13.7#





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.072 ng/ul m
RT: 29.653 min Scan# 4421
Delta R.T. 0.205 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44

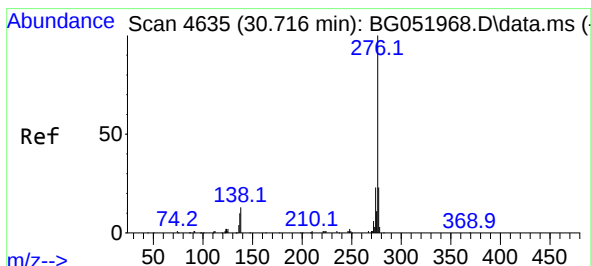
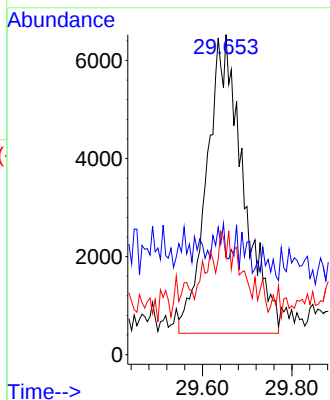
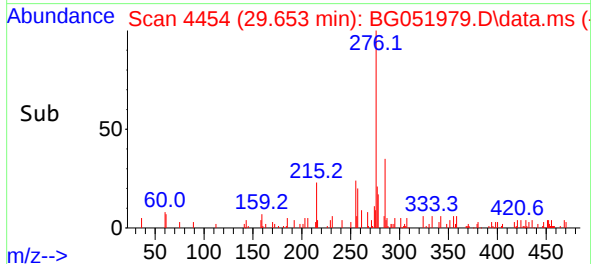
Instrument :
BNA_G
ClientSampleId :
BGLS8



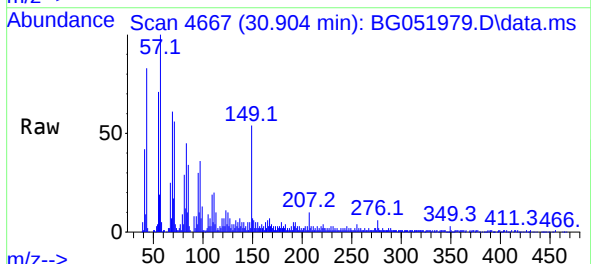
Tgt Ion:276 Resp: 3434
Ion Ratio Lower Upper
276 100
138 30.4 15.5 23.3#
277 30.4 20.5 30.7

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



#96
Benzo(g,h,i)perylene
Concen: 1.931 ng/ul m
RT: 30.904 min Scan# 4667
Delta R.T. 0.205 min
Lab File: BG051979.D
Acq: 14 Jan 2022 16:44



Tgt Ion:276 Resp: 18158
Ion Ratio Lower Upper
276 100
138 48.7 16.6 24.8#
277 41.0 17.6 26.4#

