

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049686.D
 Acq On : 6 Aug 2021 21:54
 Operator : CG/JU
 Sample : M3124-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0097

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:09:39 PM

Quant Time: Aug 06 23:36:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	27219	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	110526	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	71773	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	136500	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	121695	20.000	ng/ul	# 0.00
88) Perylene-d12	25.002	264	128886	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	1152	1.979	ng/uL	0.00
4) Pyridine-d5	3.866	84	10912	6.246	ng/ul	0.02
7) Phenol-d5	7.197	99	51440	20.824	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	31421	22.144	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	39473	22.326	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	31019	16.469	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	20777	23.864	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	25317	25.462	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	41958	22.380	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	34572	13.470	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	134402	23.862	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	156399	23.340	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	17093	18.770	ng/ul	0.01
60) Fluorene-d10	15.686	176	113044	23.349	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	13753	14.970	ng/ul	0.00
73) Anthracene-d10	17.542	188	164287	25.497	ng/ul	0.00
81) Pyrene-d10	19.833	212	179706	26.801	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	177019	25.066	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.910	128	7337	1.271	ng/ul#	95
36) 2-Methylnaphthalene	12.519	142	6580	1.489	ng/ul	100
52) Acenaphthene	14.752	153	5199	1.151	ng/ul	97
56) Dibenzofuran	15.092	168	9218	1.471	ng/ul#	68
61) Fluorene	15.739	166	13637	2.677	ng/ul	92
72) Phenanthrene	17.489	178	147560	20.424	ng/ul	98
74) Anthracene	17.577	178	29955m	4.145	ng/ul	
80) Fluoranthene	19.498	202	230133	27.811	ng/ul#	96
82) Pyrene	19.862	202	171833	20.819	ng/ul	98
85) Benzo(a)anthracene	21.707	228	96699	12.102	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.601	149	4616	1.002	ng/ul#	95
87) Chrysene	21.772	228	90424	12.118	ng/ul	94
90) Benzo(b)fluoranthene	23.963	252	119728m	14.213	ng/ul	
91) Benzo(k)fluoranthene	24.016	252	35853	4.286	ng/ul	97
93) Benzo(a)pyrene	24.850	252	77027	10.387	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.750	276	55216m	5.674	ng/ul	
95) Dibenzo(a,h)anthracene	28.791	278	17155m	2.113	ng/ul	
96) Benzo(g,h,i)perylene	29.925	276	25172m	3.110	ng/ul	

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

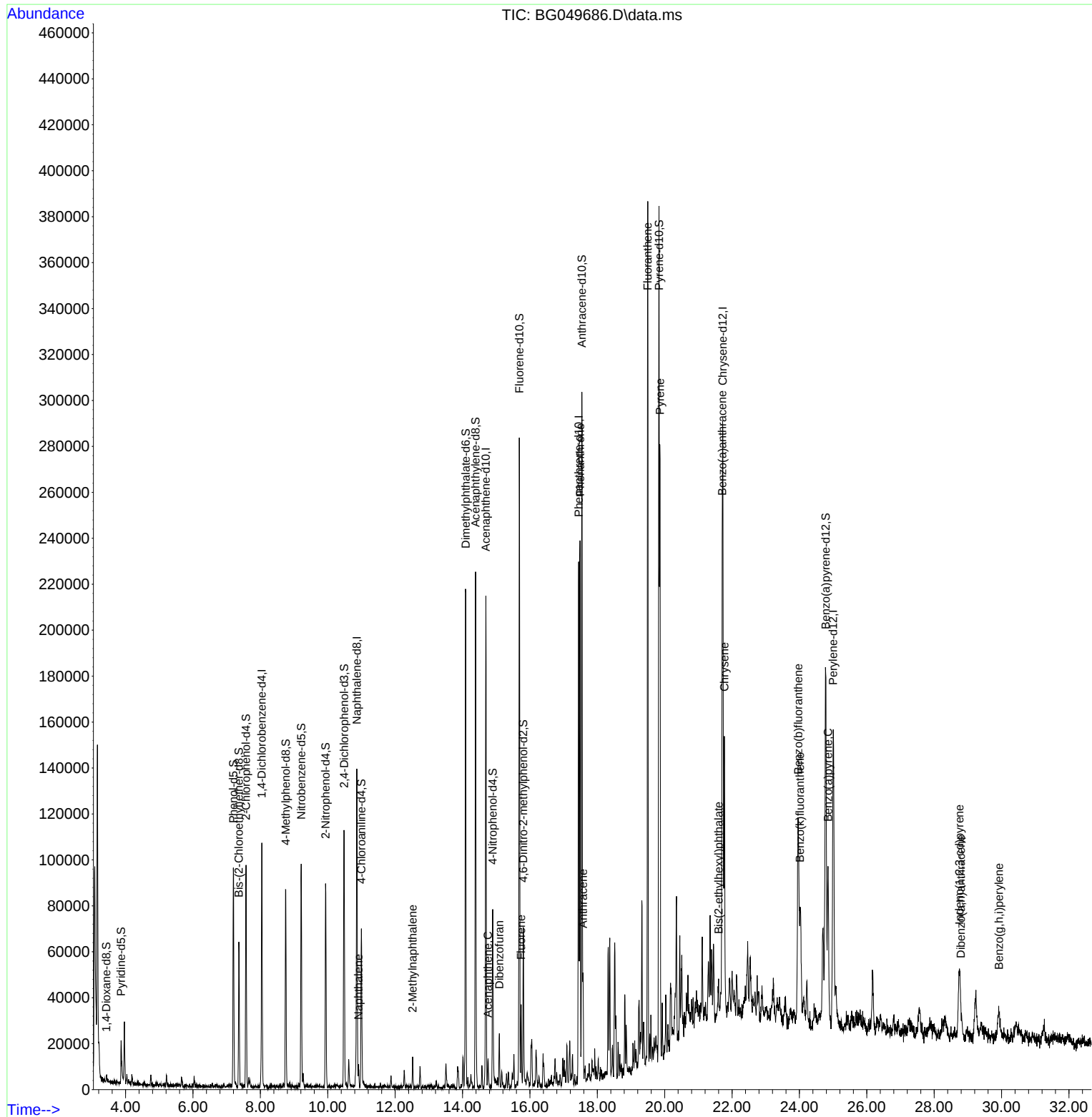
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049686.D
 Acq On : 6 Aug 2021 21:54
 Operator : CG/JU
 Sample : M3124-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

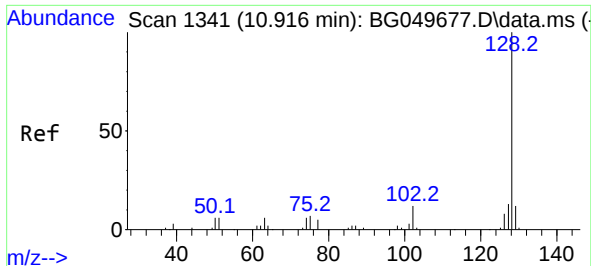
Instrument :
 BNA_G
 ClientSampled :
 C0097

Manual Integrations
 APPROVED

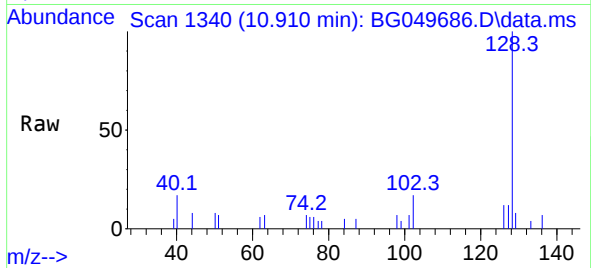
mohammad
 8/9/2021 12:09:39 PM

Quant Time: Aug 06 23:36:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

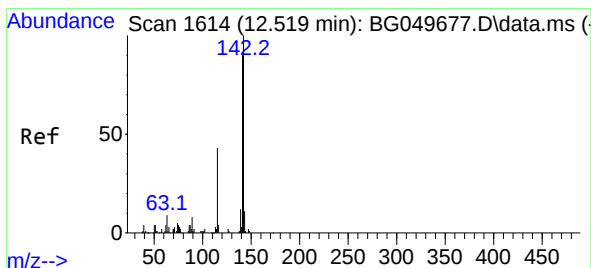
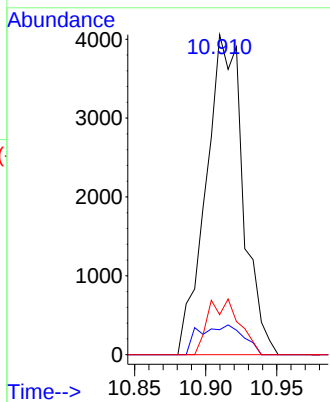
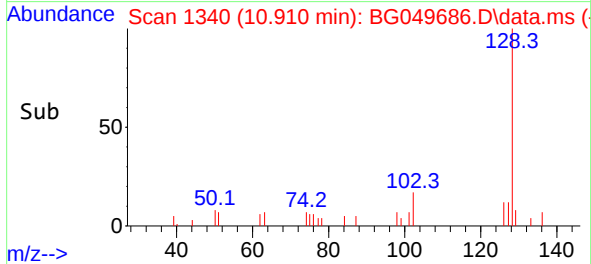




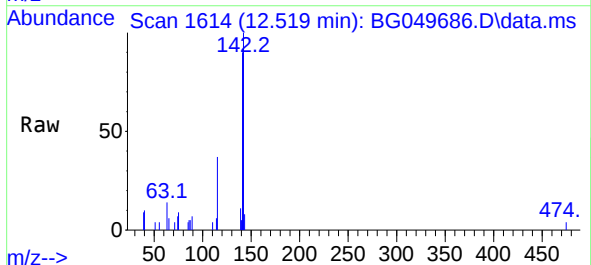
#30
Naphthalene
Concen: 1.271 ng/ul
RT: 10.910 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54



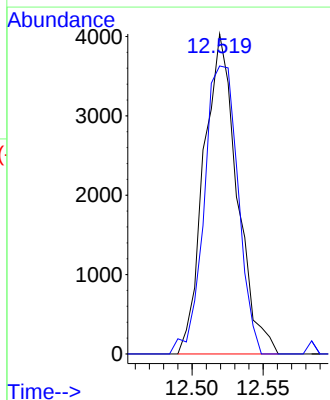
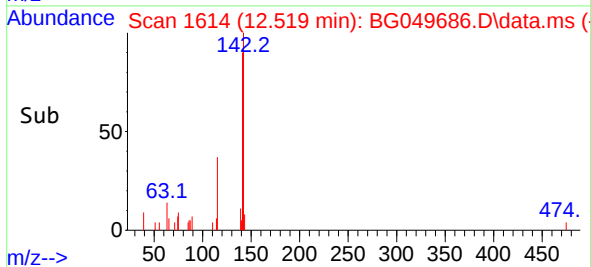
Tgt Ion:128 Resp: 7337
Ion Ratio Lower Upper
128 100
129 7.8 8.7 13.1#
127 12.5 10.6 16.0



#36
2-Methylnaphthalene
Concen: 1.489 ng/ul
RT: 12.519 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54



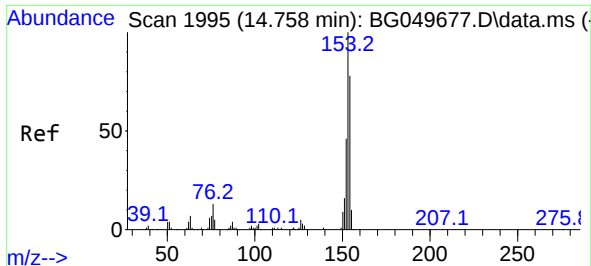
Tgt Ion:142 Resp: 6580
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.8



Instrument :
BNA_G
ClientSampled :
C0097

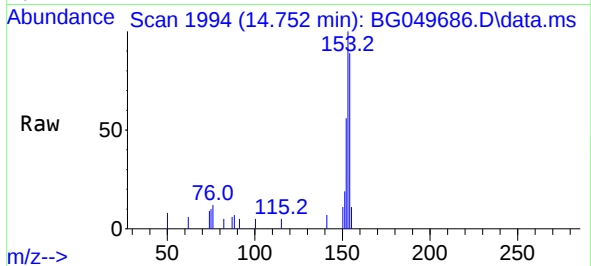
Manual Integrations
APPROVED

mohammad
8/9/2021 12:09:39 PM



#52
Acenaphthene
Concen: 1.151 ng/u1
RT: 14.752 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54

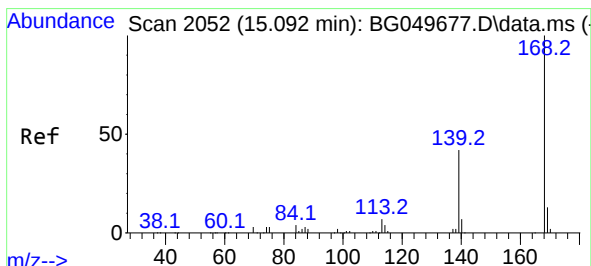
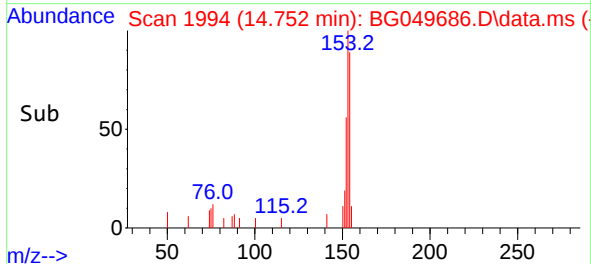
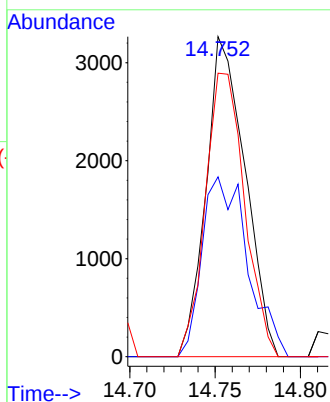
Instrument :
BNA_G
ClientSampled :
C0097



Tgt Ion:153 Resp: 5199
Ion Ratio Lower Upper
153 100
152 56.2 41.0 61.6
154 88.6 71.1 106.7

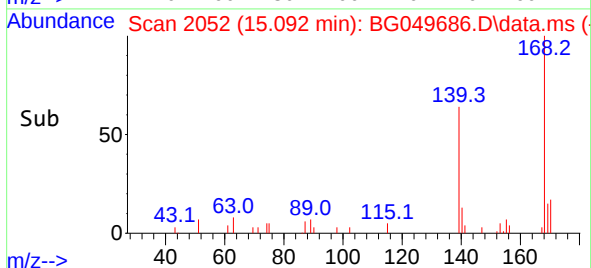
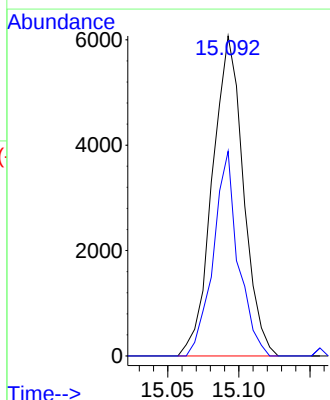
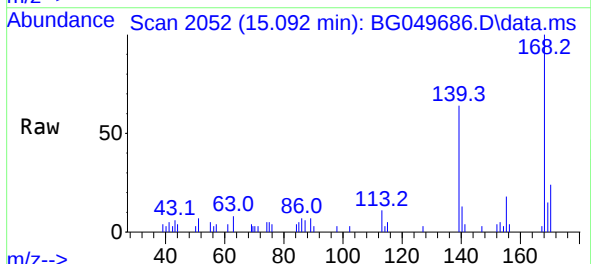
Manual Integrations
APPROVED

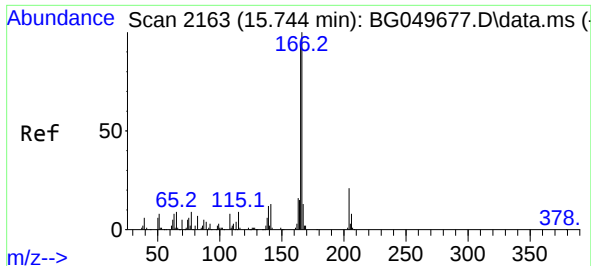
mohammad
8/9/2021 12:09:39 PM



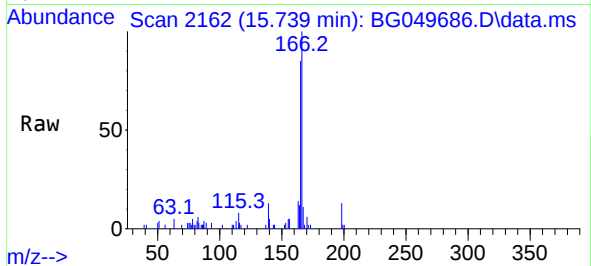
#56
Dibenzofuran
Concen: 1.471 ng/u1
RT: 15.092 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54

Tgt Ion:168 Resp: 9218
Ion Ratio Lower Upper
168 100
139 63.9 34.6 52.0#

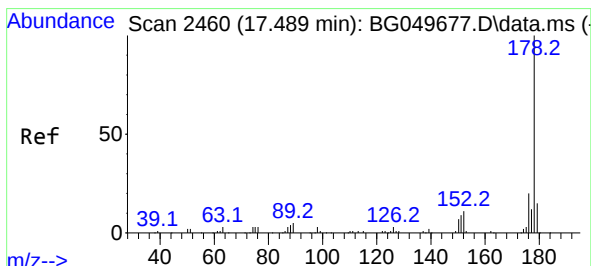
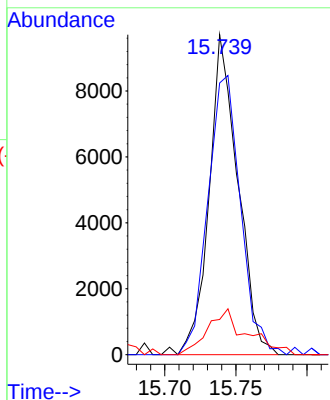
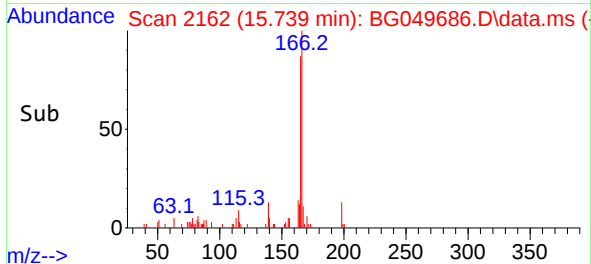




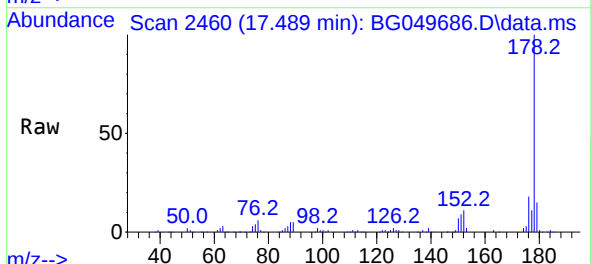
#61
Fluorene
Concen: 2.677 ng/ul
RT: 15.739 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54



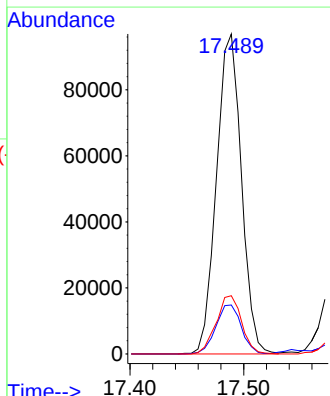
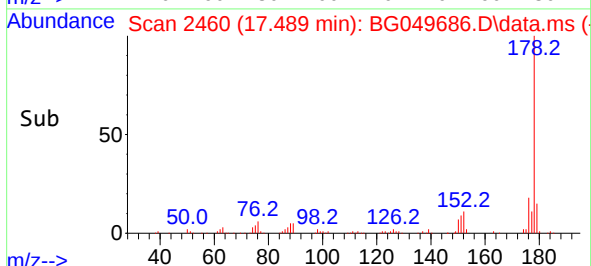
Tgt Ion:166 Resp: 13637
Ion Ratio Lower Upper
166 100
165 84.9 74.5 111.7
167 11.0 10.5 15.7



#72
Phenanthrene
Concen: 20.424 ng/ul
RT: 17.489 min Scan# 2460
Delta R.T. 0.000 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54



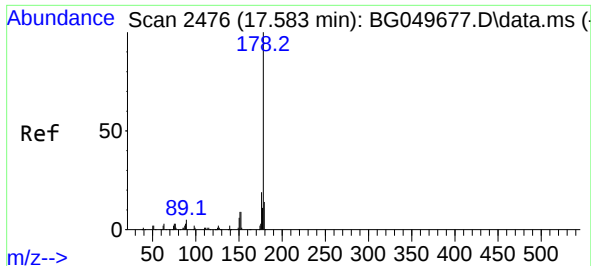
Tgt Ion:178 Resp: 147560
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 18.2 15.4 23.2



Instrument :
BNA_G
ClientSampled :
C0097

Manual Integrations
APPROVED

mohammad
8/9/2021 12:09:39 PM



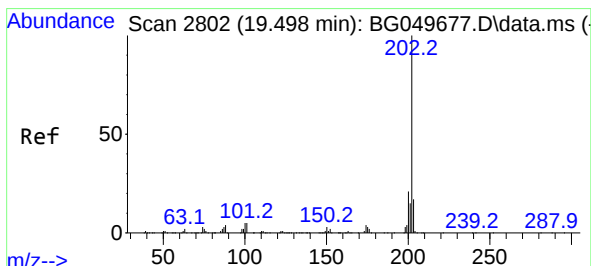
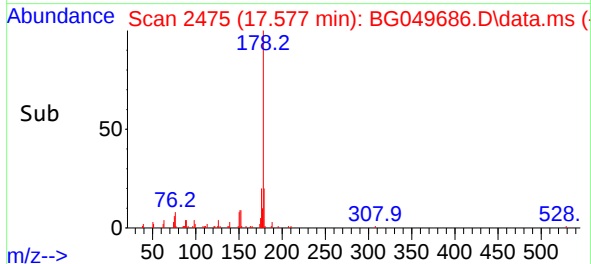
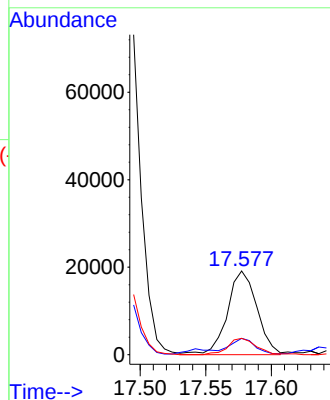
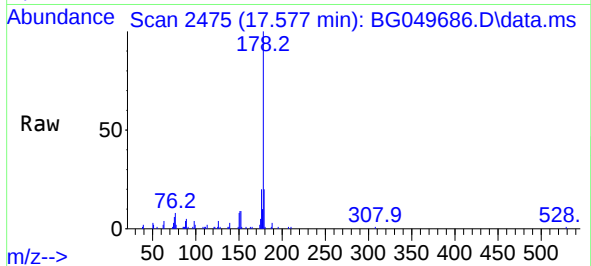
#74
 Anthracene
 Concen: 4.145 ng/ul m
 RT: 17.577 min Scan# 2475
 Delta R.T. 0.000 min
 Lab File: BG049686.D
 Acq: 6 Aug 2021 21:54

Tgt Ion:	178	Resp:	29955
Ion Ratio	Lower	Upper	
178	100		
179	19.5	12.4	18.6#
176	19.5	14.6	21.8

Instrument :
 BNA_G
 ClientSampled :
 C0097

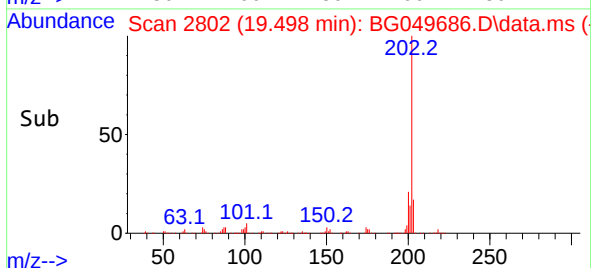
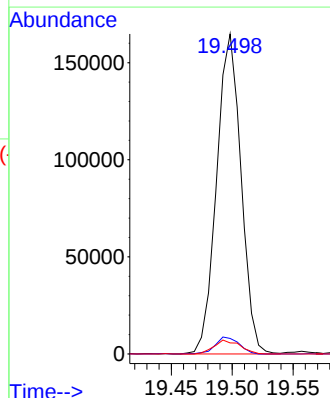
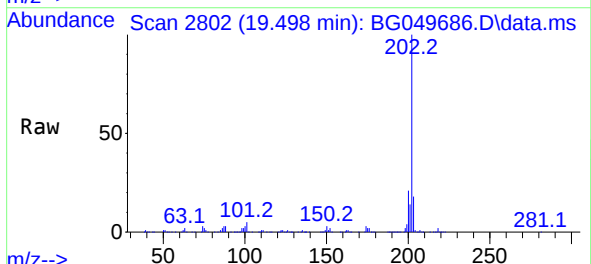
Manual Integrations
 APPROVED

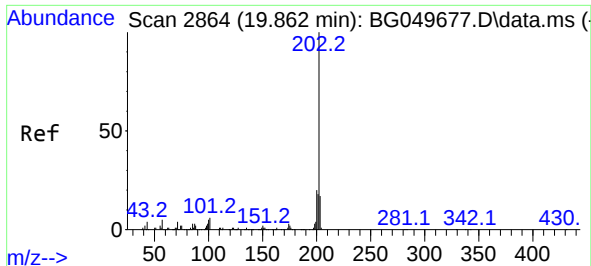
mohammad
 8/9/2021 12:09:39 PM



#80
 Fluoranthene
 Concen: 27.811 ng/ul
 RT: 19.498 min Scan# 2802
 Delta R.T. 0.000 min
 Lab File: BG049686.D
 Acq: 6 Aug 2021 21:54

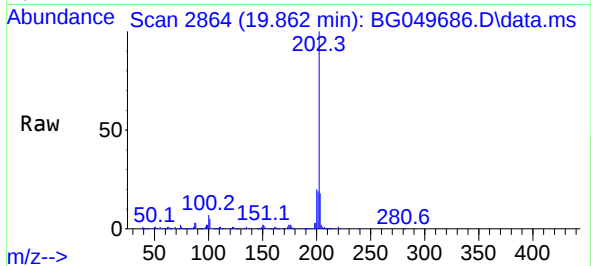
Tgt Ion:	202	Resp:	230133
Ion Ratio	Lower	Upper	
202	100		
101	4.9	4.8	7.2
100	3.5	3.9	5.9#





#82
Pyrene
Concen: 20.819 ng/ul
RT: 19.862 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54

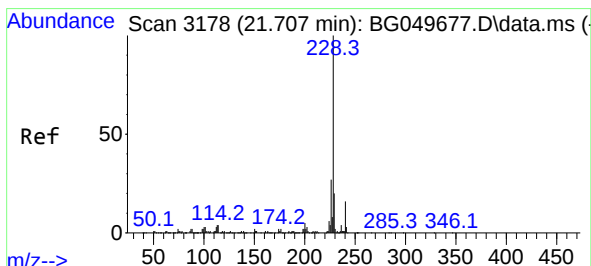
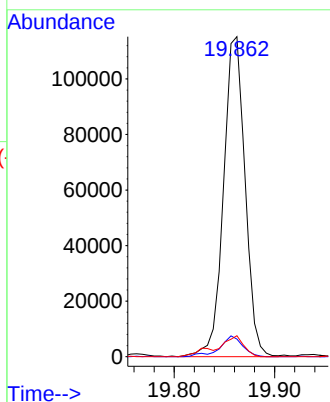
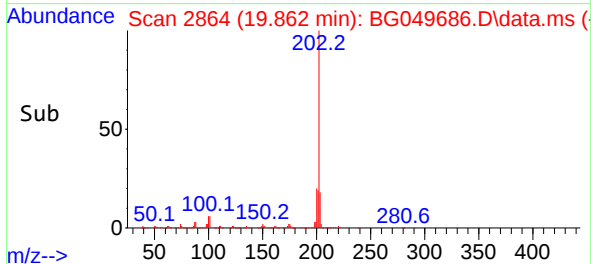
Instrument :
BNA_G
ClientSampled :
C0097



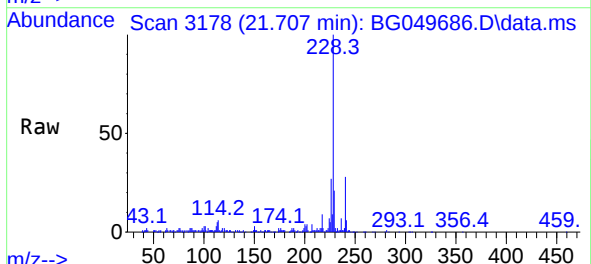
Tgt Ion:202 Resp: 171833
Ion Ratio Lower Upper
202 100
101 5.5 5.2 7.8
100 6.6 4.8 7.2

Manual Integrations
APPROVED

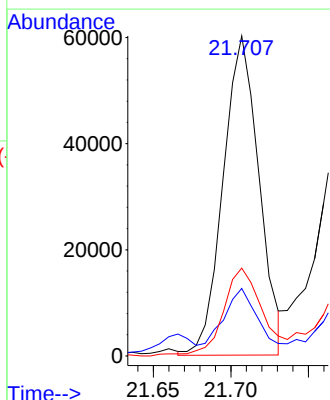
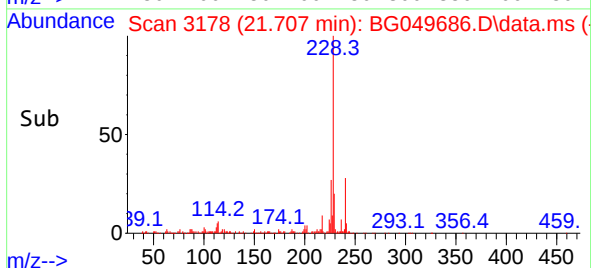
mohammad
8/9/2021 12:09:39 PM

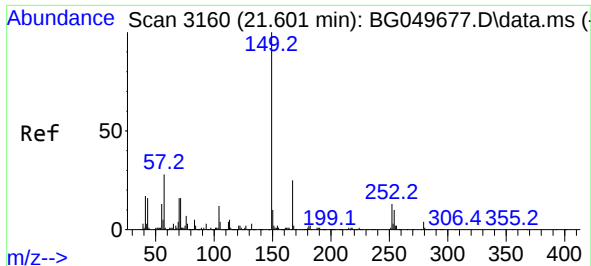


#85
Benzo(a)anthracene
Concen: 12.102 ng/ul
RT: 21.707 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54

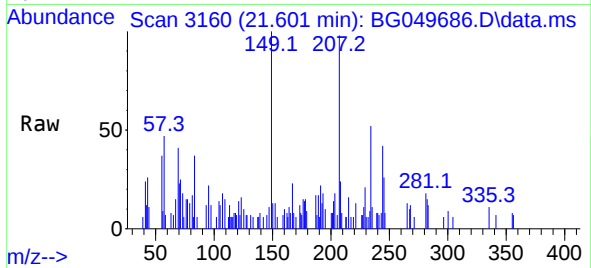


Tgt Ion:228 Resp: 96699
Ion Ratio Lower Upper
228 100
229 21.1 15.3 22.9
226 27.5 21.0 31.6

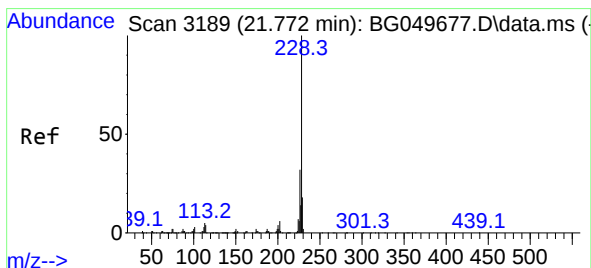
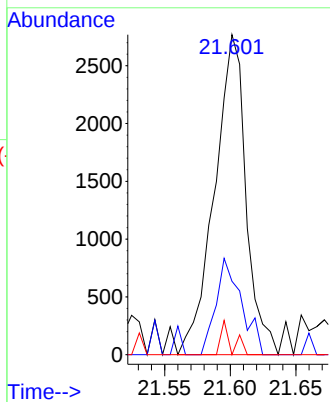
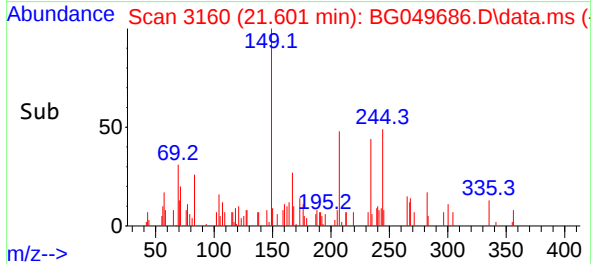




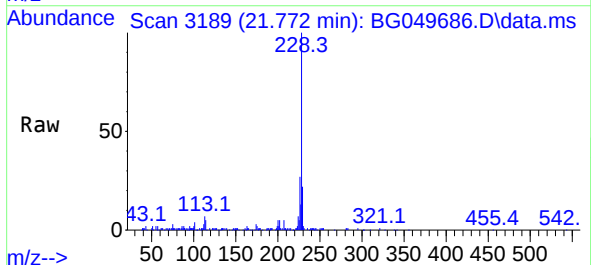
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.002 ng/ul
RT: 21.601 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54



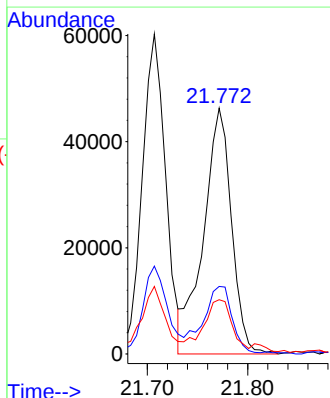
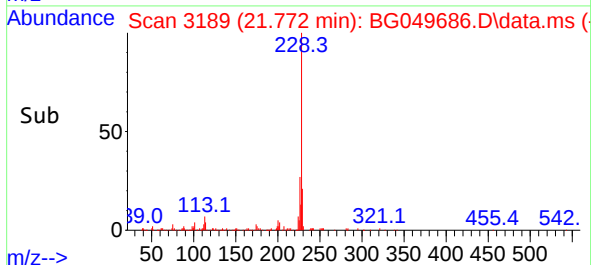
Tgt Ion:149 Resp: 4616
Ion Ratio Lower Upper
149 100
167 23.0 19.9 29.9
279 0.0 3.6 5.4#



#87
Chrysene
Concen: 12.118 ng/ul
RT: 21.772 min Scan# 3189
Delta R.T. -0.006 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54



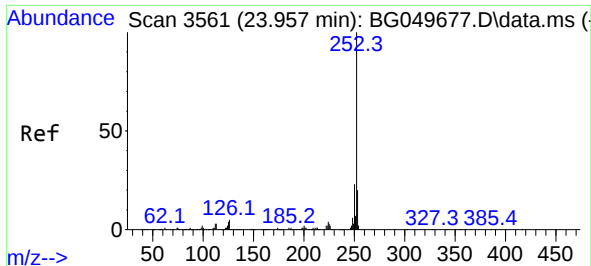
Tgt Ion:228 Resp: 90424
Ion Ratio Lower Upper
228 100
226 27.5 24.7 37.1
229 22.1 15.4 23.2



Instrument :
BNA_G
ClientSampled :
C0097

Manual Integrations
APPROVED

mohammad
8/9/2021 12:09:39 PM



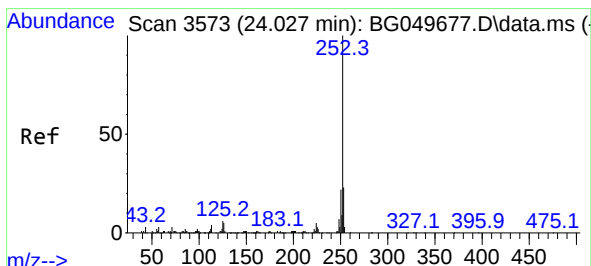
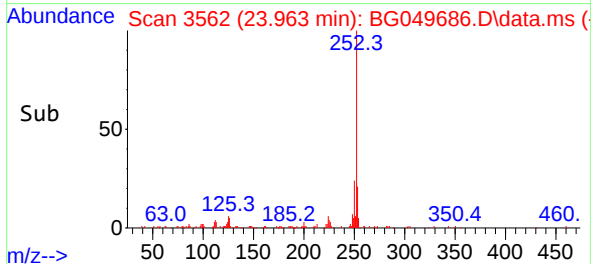
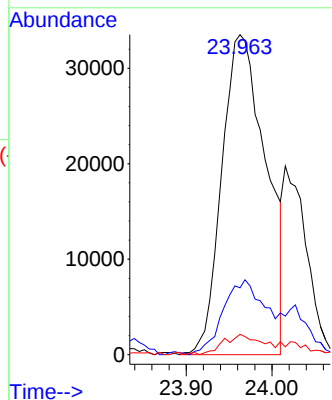
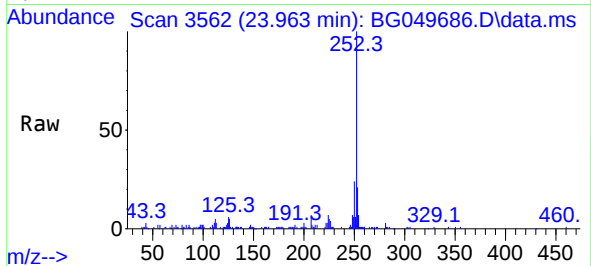
#90
Benzo(b)fluoranthene
Concen: 14.213 ng/ul m
RT: 23.963 min Scan# 3562
Delta R.T. 0.006 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54

Tgt Ion:252 Resp: 119728
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.2
125 6.3 3.7 5.5#

Instrument :
BNA_G
ClientSampled :
C0097

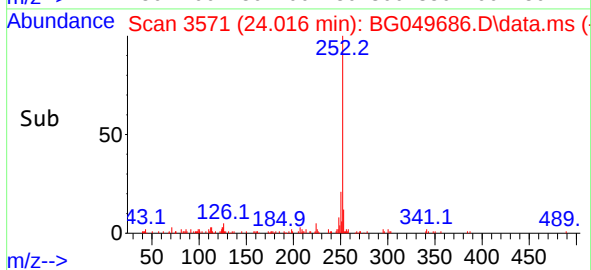
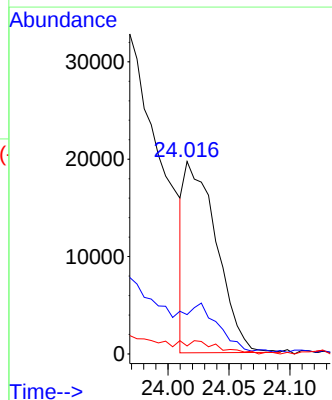
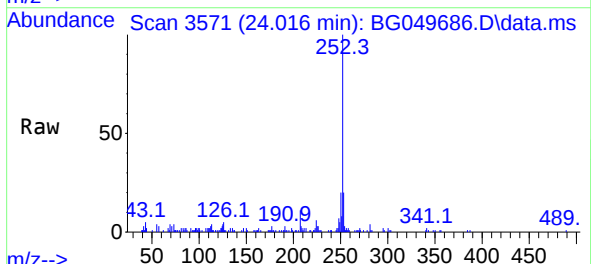
Manual Integrations
APPROVED

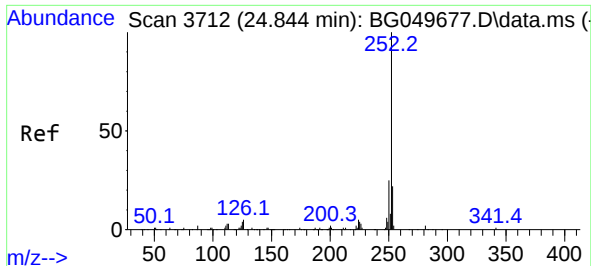
mohammad
8/9/2021 12:09:39 PM



#91
Benzo(k)fluoranthene
Concen: 4.286 ng/ul
RT: 24.016 min Scan# 3571
Delta R.T. -0.012 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54

Tgt Ion:252 Resp: 35853
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.8
125 4.2 3.8 5.8





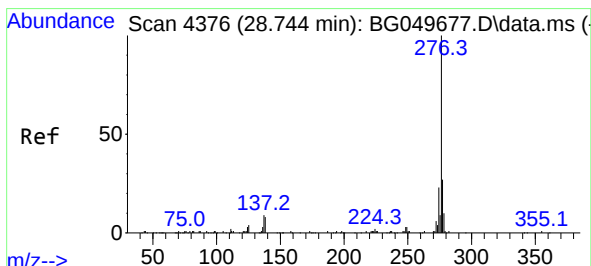
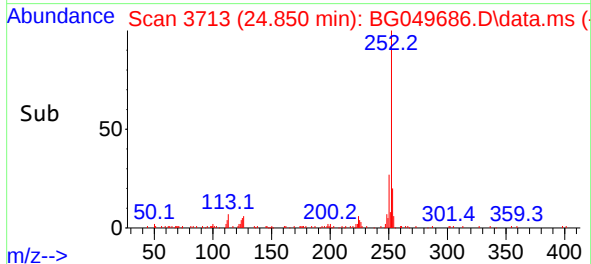
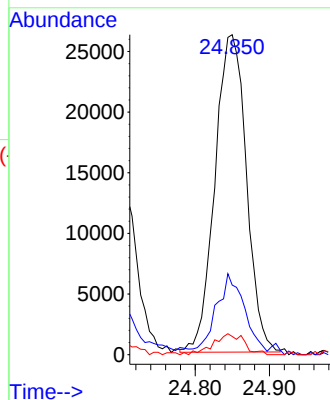
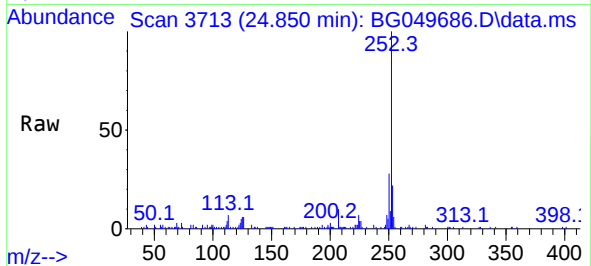
#93
Benzo(a)pyrene
Concen: 10.387 ng/ul
RT: 24.850 min Scan# 3713
Delta R.T. 0.000 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54

Tgt Ion:	252	Resp:	77027
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.7	26.5
125	5.7	4.6	7.0

Instrument :
BNA_G
ClientSampled :
C0097

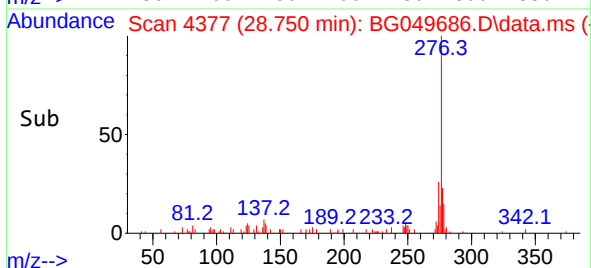
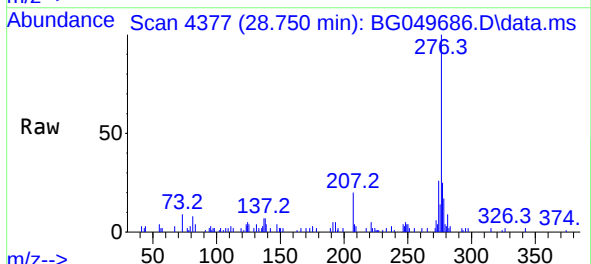
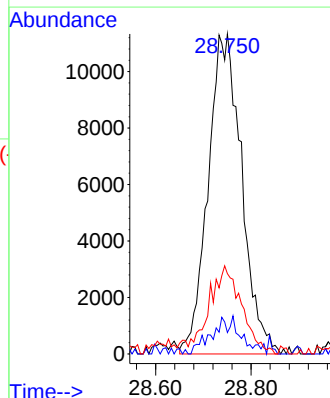
Manual Integrations
APPROVED

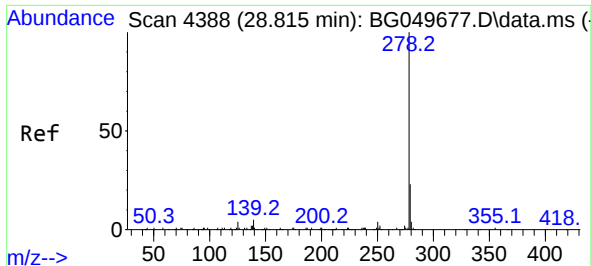
mohammad
8/9/2021 12:09:39 PM



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.674 ng/ul m
RT: 28.750 min Scan# 4377
Delta R.T. 0.006 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54

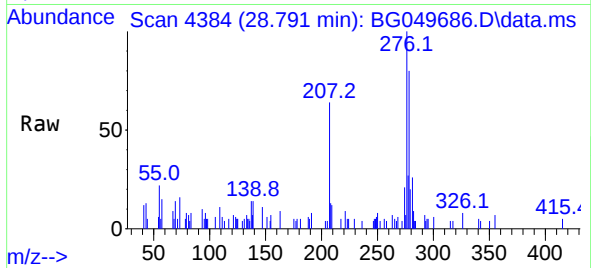
Tgt Ion:	276	Resp:	55216
Ion Ratio	Lower	Upper	
276	100		
138	6.7	6.6	10.0
277	25.1	19.4	29.2





#95
Dibenzo(a,h)anthracene
Concen: 2.113 ng/ul m
RT: 28.791 min Scan# 4384
Delta R.T. -0.029 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54

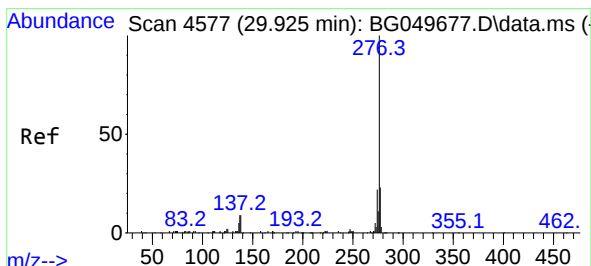
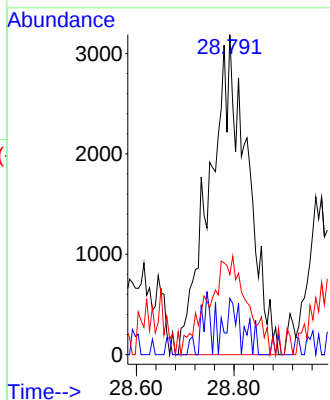
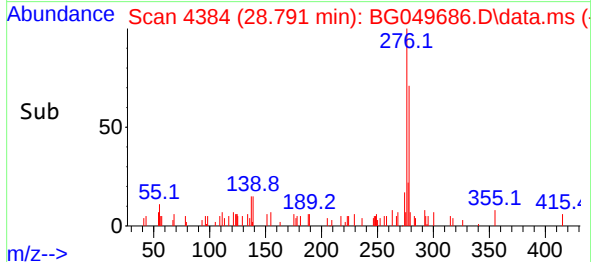
Instrument :
BNA_G
ClientSampled :
C0097



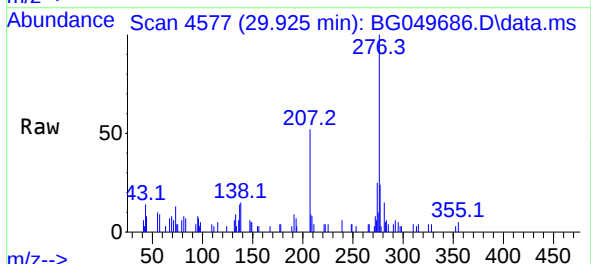
Tgt Ion:278 Resp: 17155
Ion Ratio Lower Upper
278 100
139 17.6 6.3 9.5#
279 25.0 18.9 28.3

Manual Integrations
APPROVED

mohammad
8/9/2021 12:09:39 PM



#96
Benzo(g,h,i)perylene
Concen: 3.110 ng/ul m
RT: 29.925 min Scan# 4577
Delta R.T. 0.006 min
Lab File: BG049686.D
Acq: 6 Aug 2021 21:54



Tgt Ion:276 Resp: 25172
Ion Ratio Lower Upper
276 100
138 14.8 7.2 10.8#
277 23.9 19.5 29.3

