

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050096.D
 Acq On : 1 Sep 2021 14:48
 Operator : CG/JU
 Sample : M3494-01DL2 100X
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAS53DL2

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:51:53 PM

Quant Time: Sep 01 15:41:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	30227	20.000	ng/ul	0.01
20) Naphthalene-d8	10.786	136	126287	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	86292	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.383	188	181789	20.000	ng/ul	0.00
79) Chrysene-d12	21.654	240	177609	20.000	ng/ul	0.00
88) Perylene-d12	24.885	264	175170	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	7.291	67	211	0.148	ng/ul	0.01
11) 2-Chlorophenol-d4	7.503	132	199	0.104	ng/ul	0.01
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.159	128	464	0.474	ng/ul	0.03
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	10.458	165	523m	0.252	ng/ul	0.05
31) 4-Chloroaniline-d4	10.939	131	1081	0.382	ng/ul	0.02
46) Dimethylphthalate-d6	14.029	166	2806	0.425	ng/ul	0.00
49) Acenaphthylene-d8	14.329	160	2872	0.371	ng/ul	0.01
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.627	176	2125	0.380	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.483	188	4584	0.562	ng/ul	0.00
81) Pyrene-d10	19.768	212	4063	0.423	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.674	264	4308	0.464	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.839	128	691762	109.592	ng/ul	98
36) 2-Methylnaphthalene	12.449	142	51391	10.952	ng/ul	93
37) 1-Methylnaphthalene	12.666	142	25304	5.343	ng/ul	90
43) 1,1'-Biphenyl	13.465	154	6241	1.035	ng/ul#	96
52) Acenaphthene	14.693	153	21921	4.270	ng/ul	90
56) Dibenzofuran	15.028	168	14195	1.997	ng/ul	93
61) Fluorene	15.680	166	9333	1.556	ng/ul	90
72) Phenanthrene	17.425	178	9950	1.098	ng/ul#	92
77) Carbazole	17.789	167	22210	2.718	ng/ul	99

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

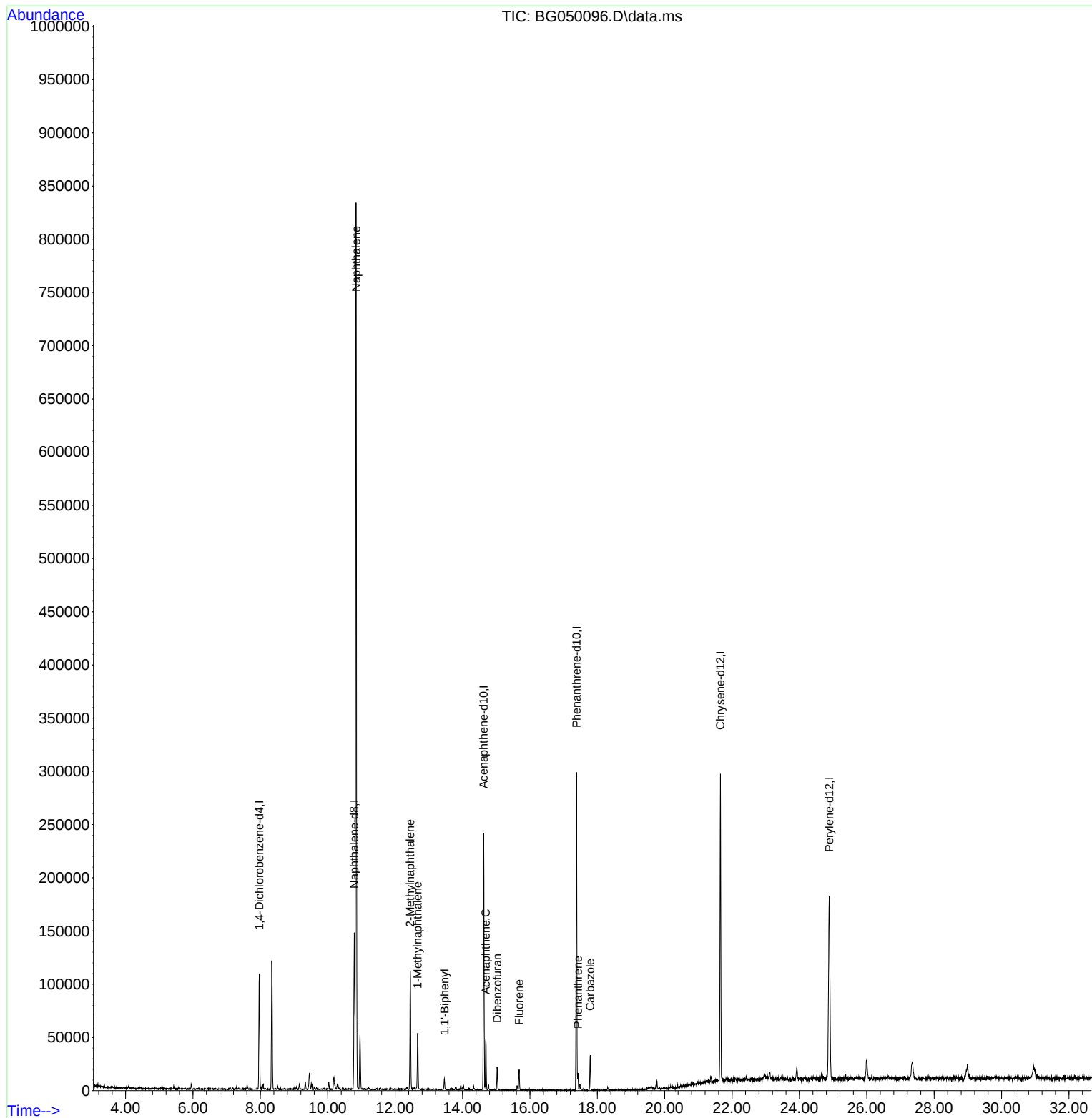
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050096.D
Acq On : 1 Sep 2021 14:48
Operator : CG/JU
Sample : M3494-01DL2 100X
Misc :
ALS Vial : 70 Sample Multiplier: 1

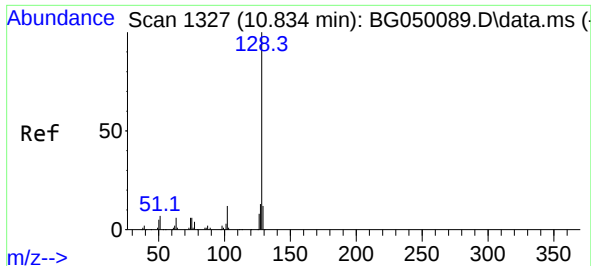
Instrument :
BNA_G
ClientSampleId :
YAS53DL2

Manual Integrations
APPROVED

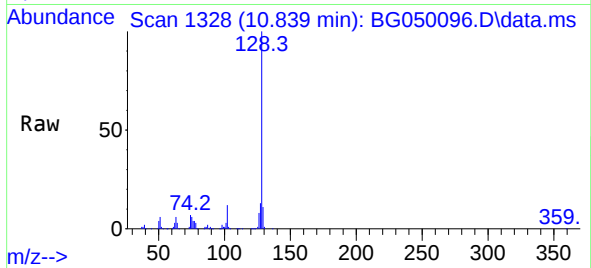
mohammad
9/1/2021 4:51:53 PM

Quant Time: Sep 01 15:41:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

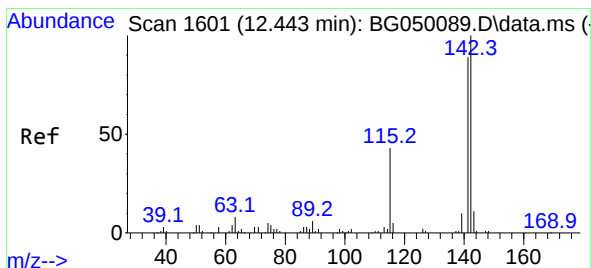
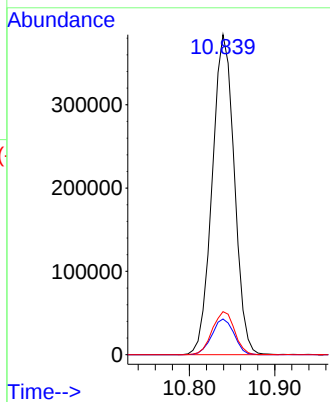
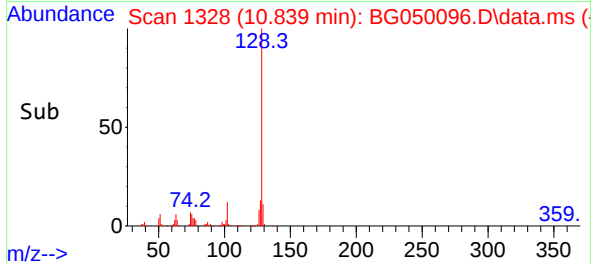




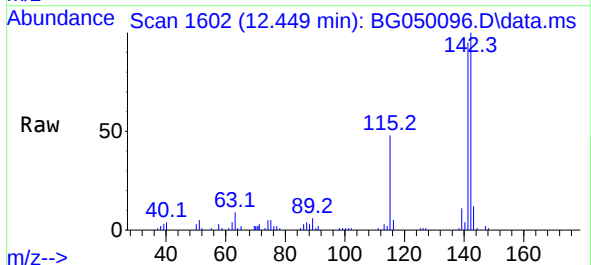
#30
Naphthalene
Concen: 109.592 ng/ul
RT: 10.839 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BG050096.D
Acq: 1 Sep 2021 14:48



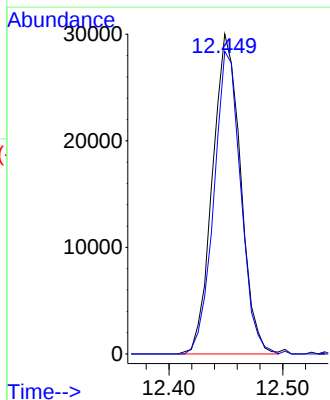
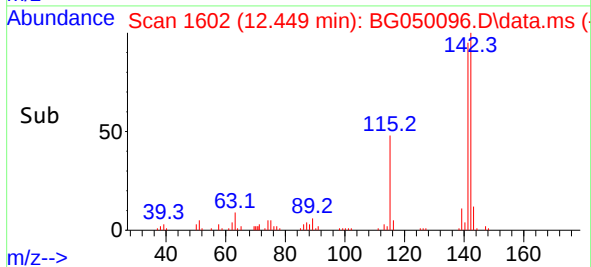
Tgt Ion:128 Resp: 691762
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.4 9.8 14.6



#36
2-Methylnaphthalene
Concen: 10.952 ng/ul
RT: 12.449 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BG050096.D
Acq: 1 Sep 2021 14:48



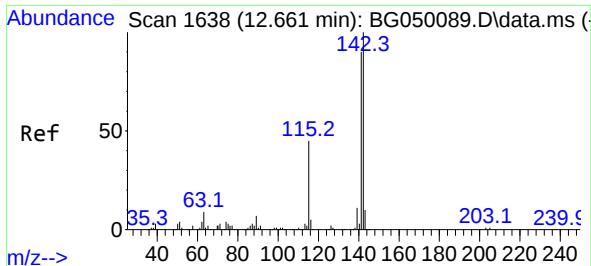
Tgt Ion:142 Resp: 51391
Ion Ratio Lower Upper
142 100
141 94.6 70.5 105.7



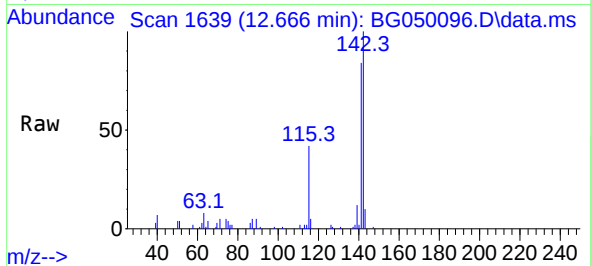
Instrument :
BNA_G
ClientSampleId :
YAS53DL2

Manual Integrations
APPROVED

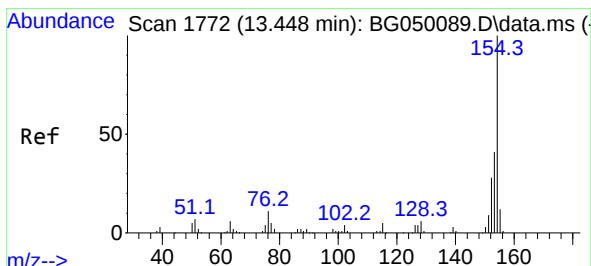
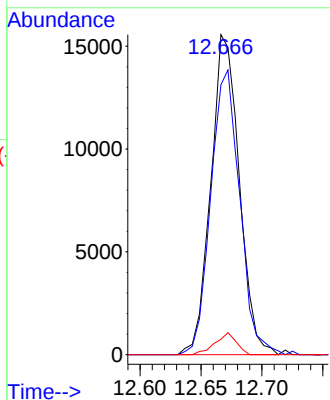
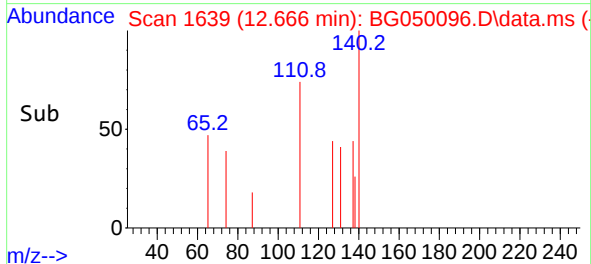
mohammad
9/1/2021 4:51:53 PM



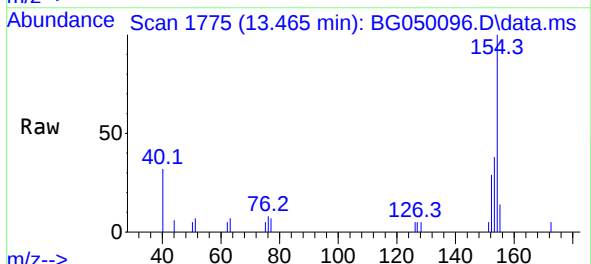
#37
1-Methylnaphthalene
Concen: 5.343 ng/ul
RT: 12.666 min Scan# 1639
Delta R.T. 0.006 min
Lab File: BG050096.D
Acq: 1 Sep 2021 14:48



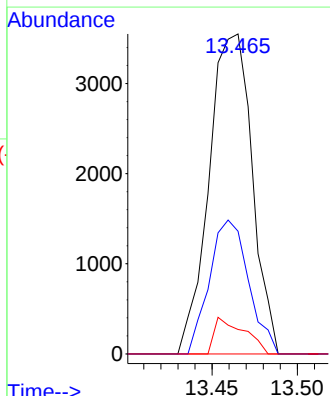
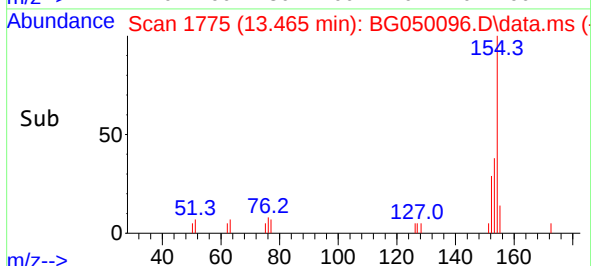
Tgt Ion:142 Resp: 25304
Ion Ratio Lower Upper
142 100
141 84.3 75.8 113.8
116 4.8 3.7 5.5



#43
1,1'-Biphenyl
Concen: 1.035 ng/ul
RT: 13.465 min Scan# 1775
Delta R.T. 0.012 min
Lab File: BG050096.D
Acq: 1 Sep 2021 14:48



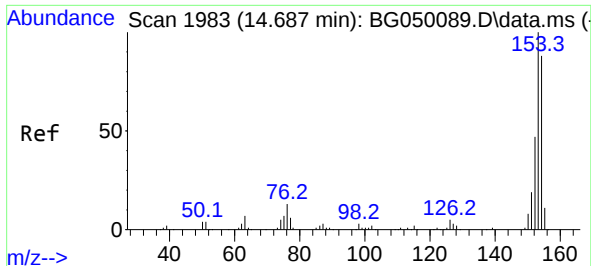
Tgt Ion:154 Resp: 6241
Ion Ratio Lower Upper
154 100
153 38.4 32.5 48.7
76 7.7 7.8 11.8#



Instrument :
BNA_G
ClientSampled :
YAS53DL2

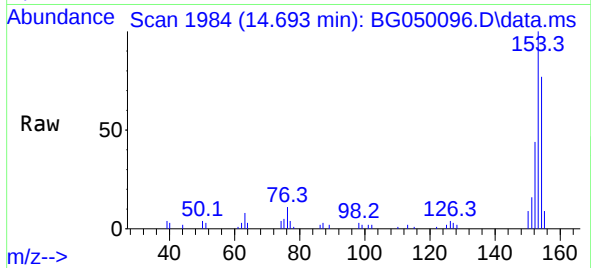
Manual Integrations
APPROVED

mohammad
9/1/2021 4:51:53 PM



#52
Acenaphthene
Concen: 4.270 ng/u1
RT: 14.693 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BG050096.D
Acq: 1 Sep 2021 14:48

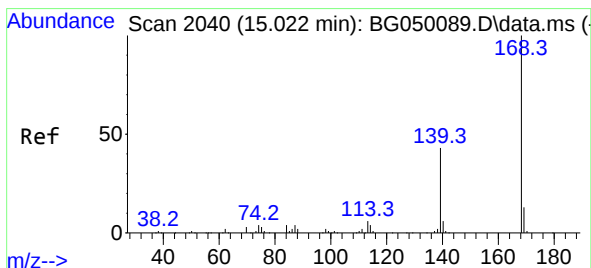
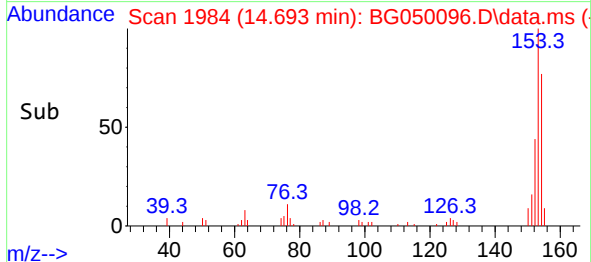
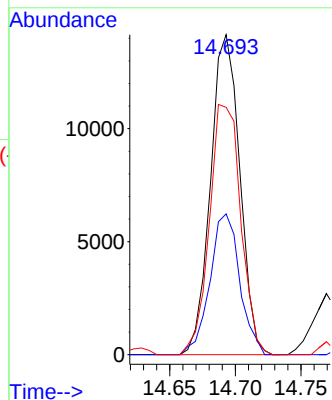
Instrument :
BNA_G
ClientSampled :
YAS53DL2



Tgt Ion:153 Resp: 21921
Ion Ratio Lower Upper
153 100
152 44.0 37.4 56.2
154 77.3 71.5 107.3

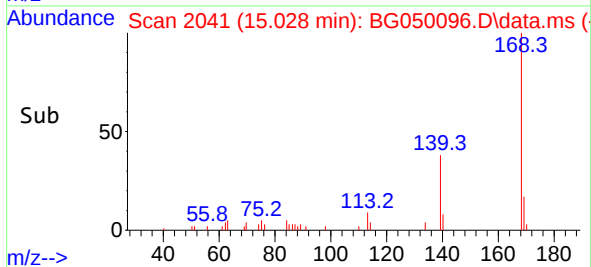
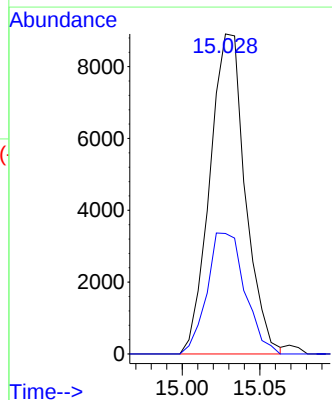
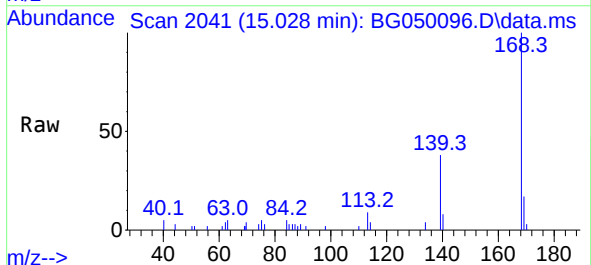
Manual Integrations
APPROVED

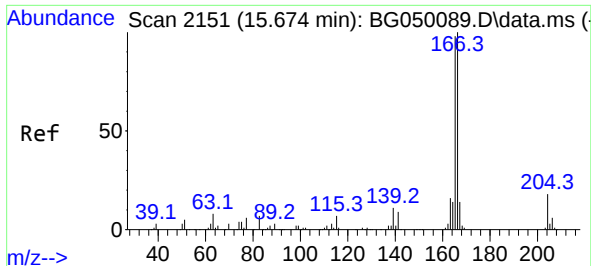
mohammad
9/1/2021 4:51:53 PM



#56
Dibenzofuran
Concen: 1.997 ng/u1
RT: 15.028 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BG050096.D
Acq: 1 Sep 2021 14:48

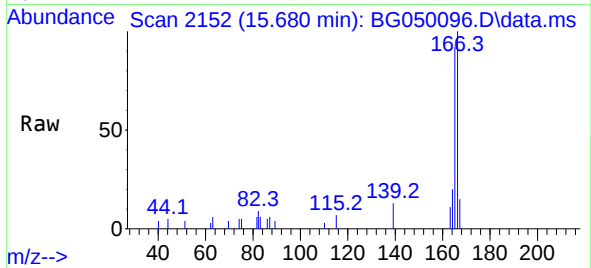
Tgt Ion:168 Resp: 14195
Ion Ratio Lower Upper
168 100
139 37.6 33.8 50.8





#61
Fluorene
Concen: 1.556 ng/u1
RT: 15.680 min Scan# 2152
Delta R.T. 0.012 min
Lab File: BG050096.D
Acq: 1 Sep 2021 14:48

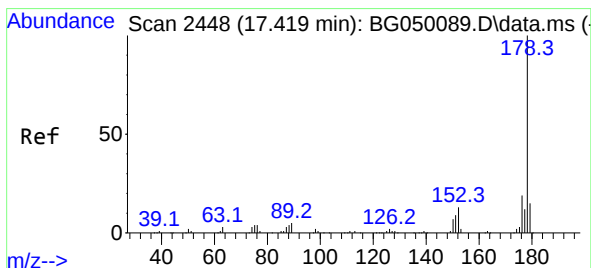
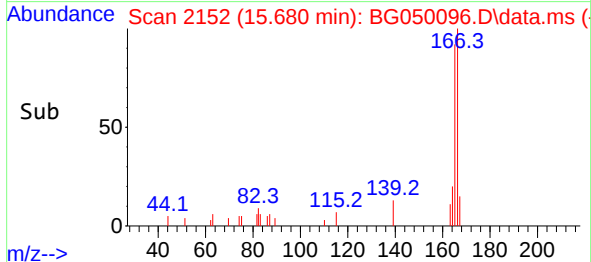
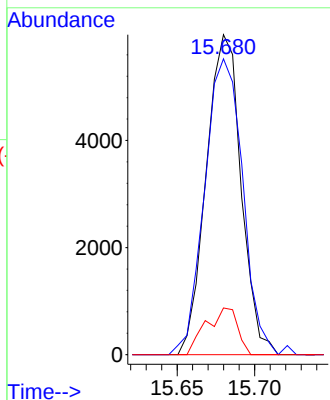
Instrument :
BNA_G
ClientSampled :
YAS53DL2



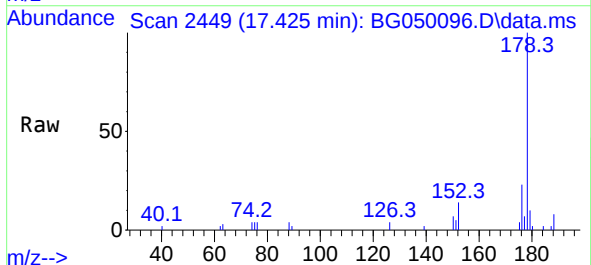
Tgt Ion:166 Resp: 9333
Ion Ratio Lower Upper
166 100
165 92.5 83.3 124.9
167 14.6 11.8 17.6

Manual Integrations
APPROVED

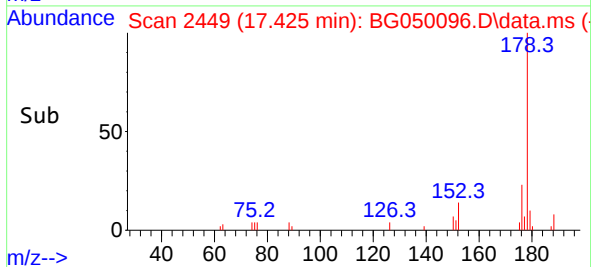
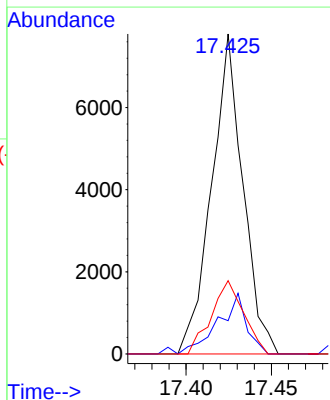
mohammad
9/1/2021 4:51:53 PM

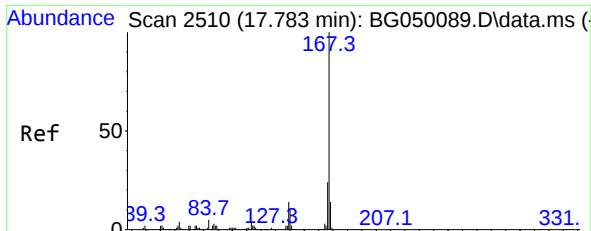


#72
Phenanthrene
Concen: 1.098 ng/u1
RT: 17.425 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BG050096.D
Acq: 1 Sep 2021 14:48

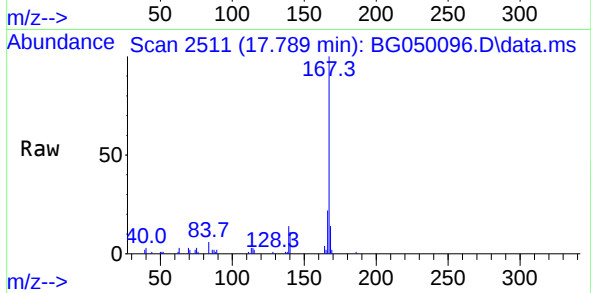


Tgt Ion:178 Resp: 9950
Ion Ratio Lower Upper
178 100
179 10.4 11.7 17.5#
176 22.9 16.2 24.2

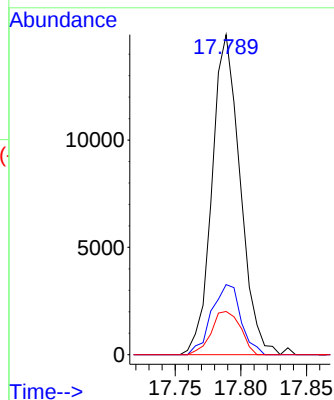
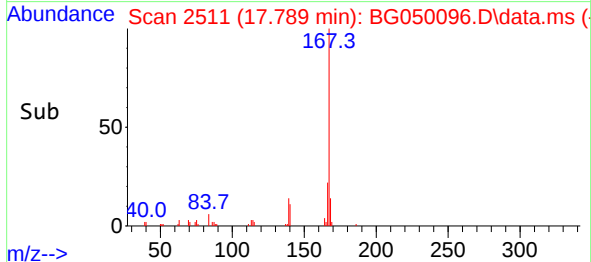




#77
 Carbazole
 Concen: 2.718 ng/ul
 RT: 17.789 min Scan# 2511
 Delta R.T. 0.006 min
 Lab File: BG050096.D
 Acq: 1 Sep 2021 14:48



Tgt Ion:167 Resp: 22210
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.5 11.1 16.7



Instrument :
 BNA_G
 ClientSampleId :
 YAS53DL2

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:51:53 PM