

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031700.D
 Acq On : 13 Aug 2021 05:54
 Operator : CG/JU
 Sample : M3182-17DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D5DL

Manual Integrations
 APPROVED

mohammad
 8/13/2021 5:15:06 PM

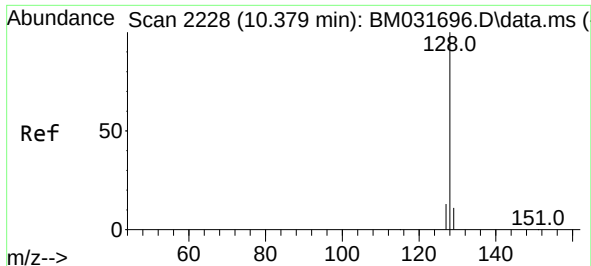
Quant Time: Aug 13 06:32:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 13 05:12:04 2021
 Response via : Initial Calibration

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

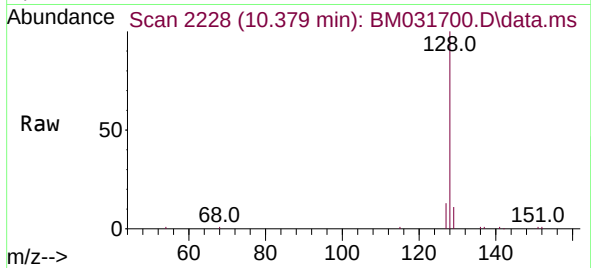
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	1513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	5509	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	3130	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	5820	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.149	240	4909	0.400	ng/ul	# 0.00
23) Perylene-d12	23.304	264	4741	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.185	96	844	0.502	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	332	0.036	ng/ul	-0.01
18) Fluoranthene-d10	18.985	212	711	0.043	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	19090	1.163	ng/ul	97
7) 2-Methylnaphthalene	11.998	142	12071	1.077	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	5358	0.484	ng/ul	99
10) Acenaphthylene	13.923	152	1787	0.134	ng/ul	92
11) Acenaphthene	14.296	153	436m	0.039	ng/ul	
12) Fluorene	15.259	166	492	0.038	ng/ul#	77
15) Phenanthrene	16.995	178	28905	1.564	ng/ul	98
16) Anthracene	17.086	178	3330	0.192	ng/ul	96
19) Fluoranthene	19.016	202	27603	1.317	ng/ul	97
20) Pyrene	19.382	202	23314	1.097	ng/ul	97
21) Benzo(a)anthracene	21.135	228	12942	0.653	ng/ul	94
22) Chrysene	21.185	228	15622	0.762	ng/ul	97
24) Benzo(b)fluoranthene	22.667	252	13476m	0.631	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	4937m	0.224	ng/ul	
26) Benzo(a)pyrene	23.210	252	7962	0.426	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.439	276	5154	0.213	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.441	278	1568	0.080	ng/ul#	52
29) Benzo(g,h,i)perylene	26.091	276	857	0.042	ng/ul#	58

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

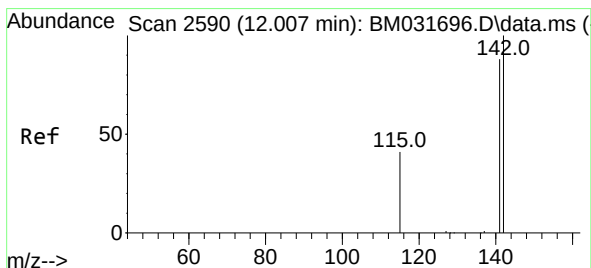
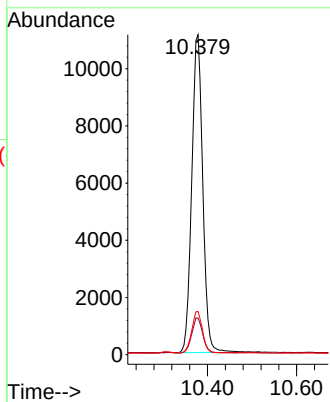
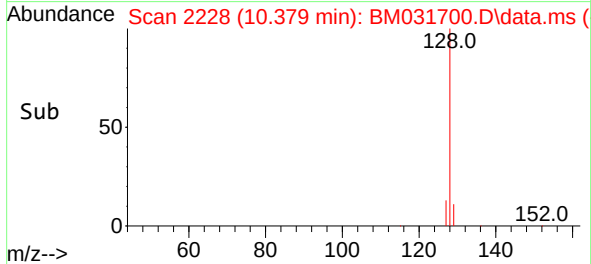
mohammad
8/13/2021 5:15:06 PM



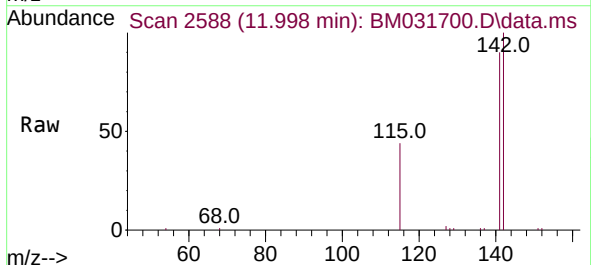
#5
Naphthalene
Concen: 1.163 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.004 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54



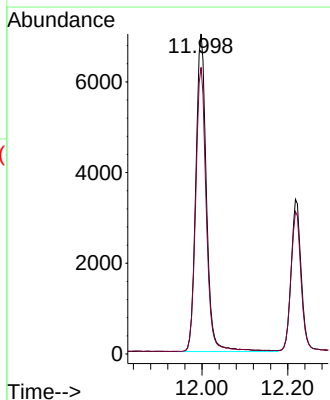
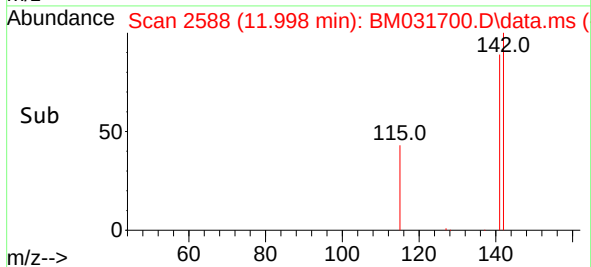
Tgt Ion:128 Resp: 19090
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.5 11.6 17.4



#7
2-Methylnaphthalene
Concen: 1.077 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54



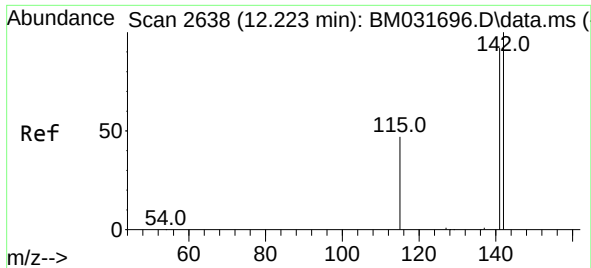
Tgt Ion:142 Resp: 12071
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0



Instrument :
BNA_M
ClientSampleId :
C00D5DL

Manual Integrations
APPROVED

mohammad
8/13/2021 5:15:06 PM



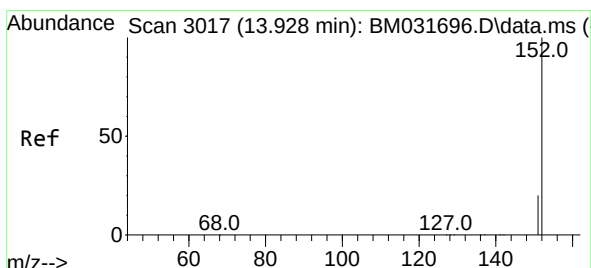
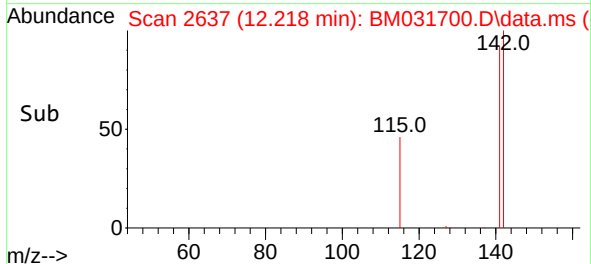
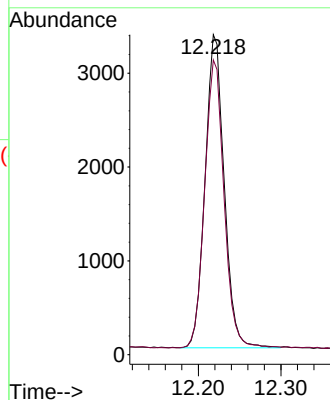
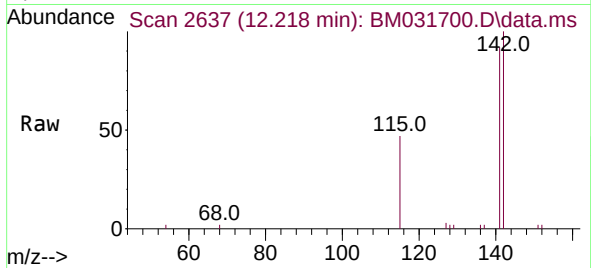
#8
1-Methylnaphthalene
Concen: 0.484 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54

Tgt Ion:142 Resp: 5358
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00D5DL

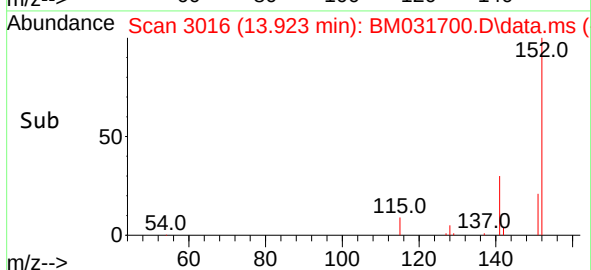
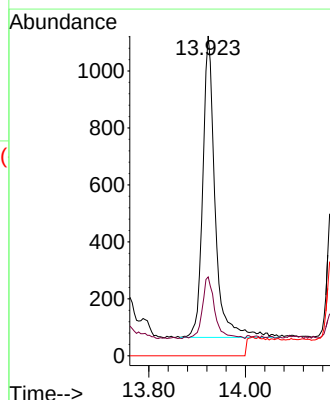
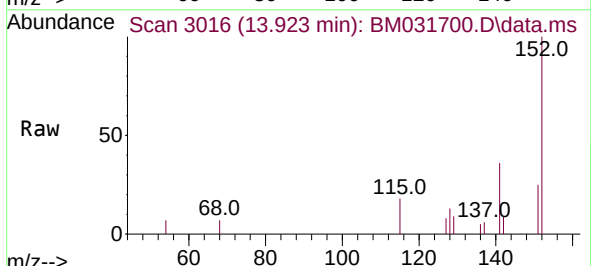
Manual Integrations
APPROVED

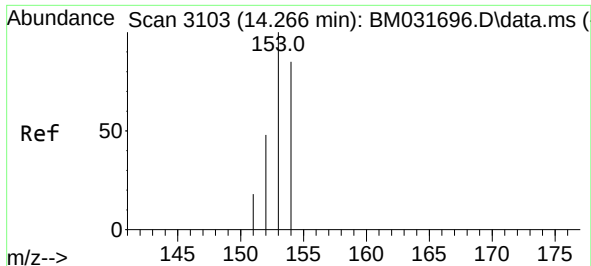
mohammad
8/13/2021 5:15:06 PM



#10
Acenaphthylene
Concen: 0.134 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54

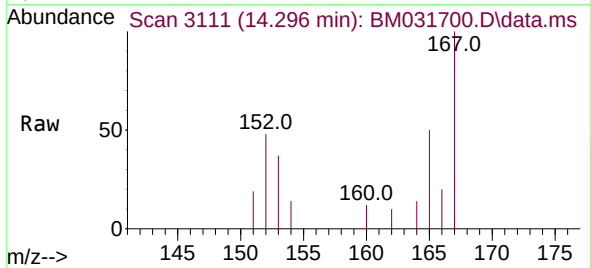
Tgt Ion:152 Resp: 1787
Ion Ratio Lower Upper
152 100
151 24.7 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.039 ng/ul m
RT: 14.296 min Scan# 3111
Delta R.T. 0.023 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54

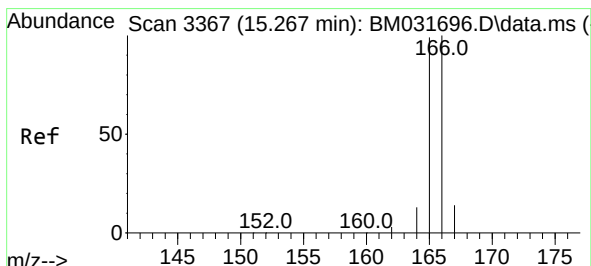
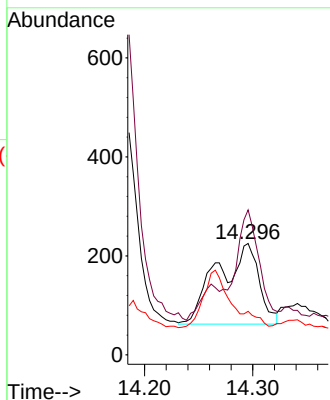
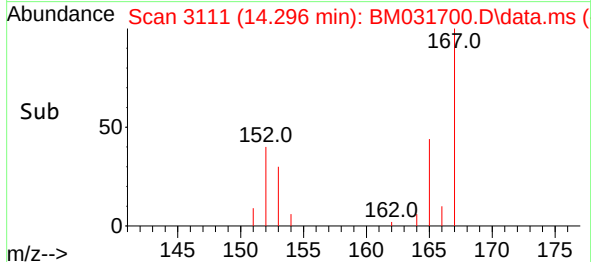
Instrument :
BNA_M
ClientSampleId :
C00D5DL



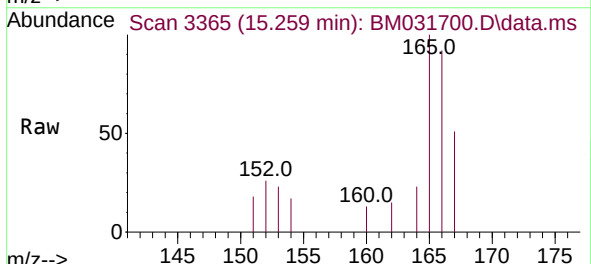
Tgt Ion:153 Resp: 436
Ion Ratio Lower Upper
153 100
152 130.2 40.7 61.1#
154 39.1 70.2 105.2#

Manual Integrations
APPROVED

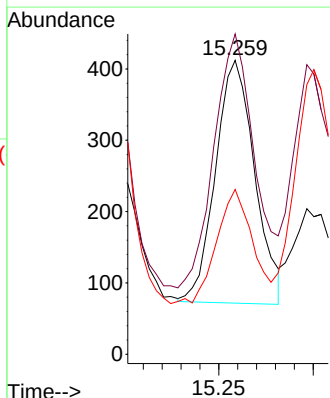
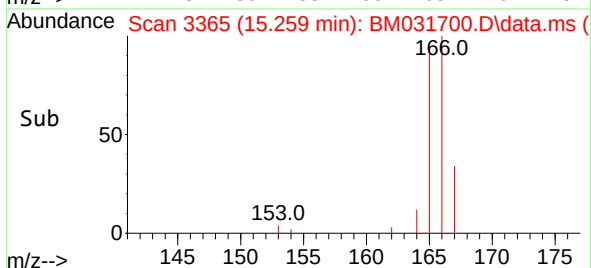
mohammad
8/13/2021 5:15:06 PM

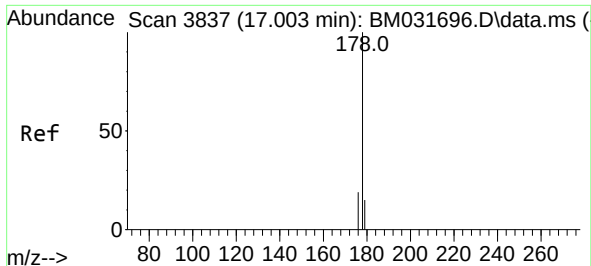


#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54

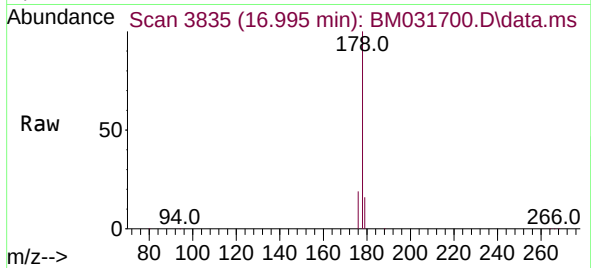


Tgt Ion:166 Resp: 492
Ion Ratio Lower Upper
166 100
165 109.0 78.0 117.0
167 56.1 12.0 18.0#

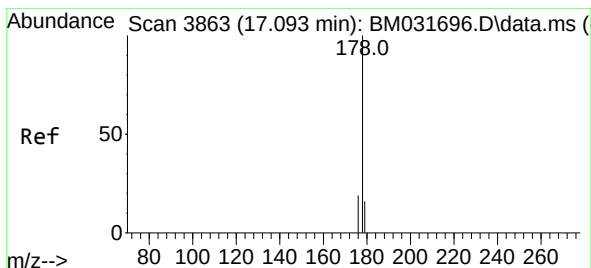
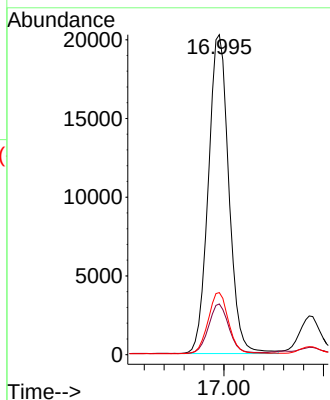
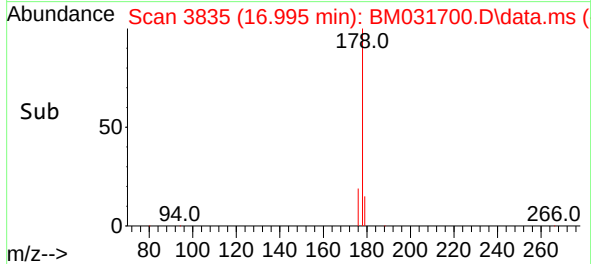




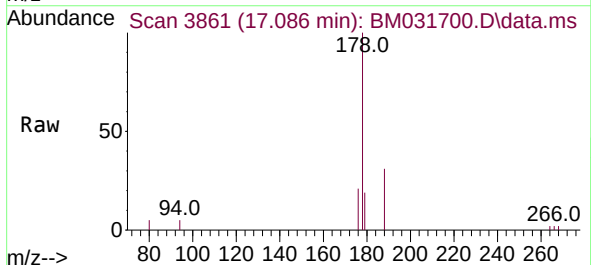
#15
Phenanthrene
Concen: 1.564 ng/ul
RT: 16.995 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54



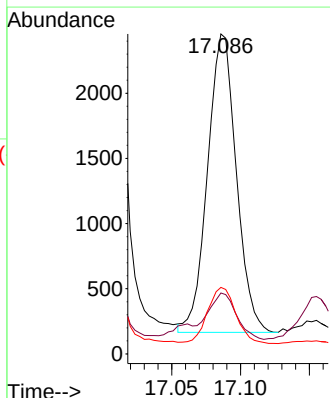
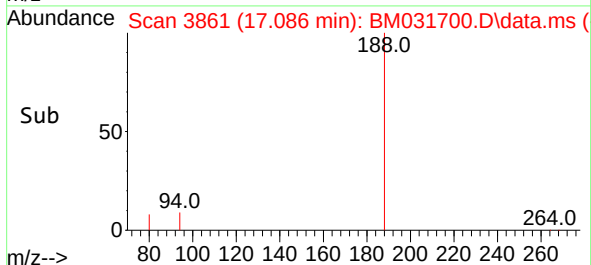
Tgt Ion:178 Resp: 28905
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.4 16.2 24.4



#16
Anthracene
Concen: 0.192 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54



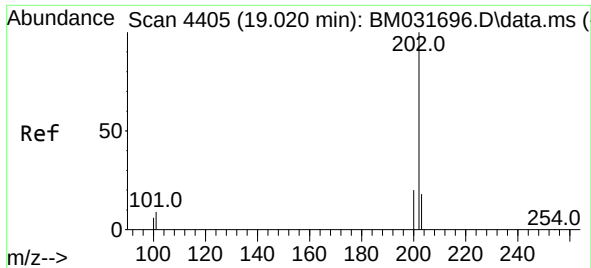
Tgt Ion:178 Resp: 3330
Ion Ratio Lower Upper
178 100
179 19.1 13.0 19.6
176 20.8 15.6 23.4



Instrument :
BNA_M
ClientSampleId :
C00D5DL

Manual Integrations
APPROVED

mohammad
8/13/2021 5:15:06 PM



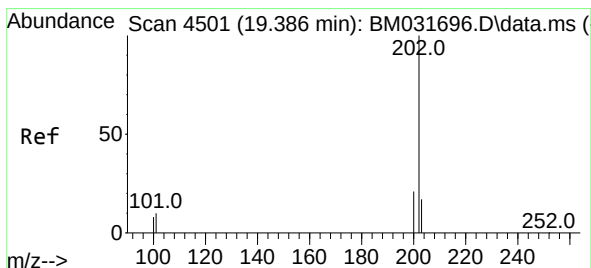
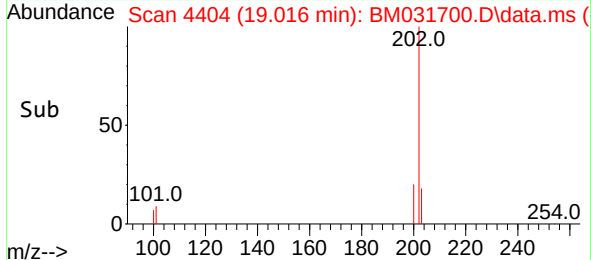
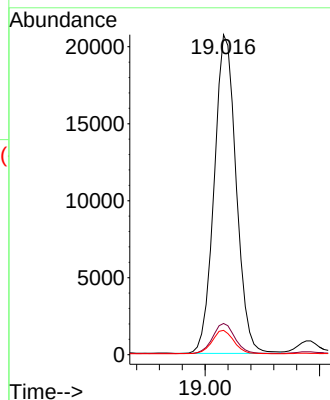
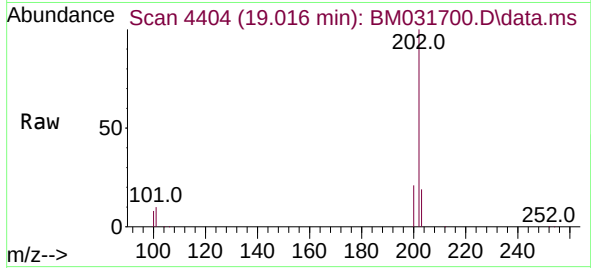
#19
Fluoranthene
Concen: 1.317 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54

Tgt Ion:	202	Resp:	27603
Ion Ratio	Lower	Upper	
202	100		
101	9.8	6.6	10.0
100	7.6	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
C00D5DL

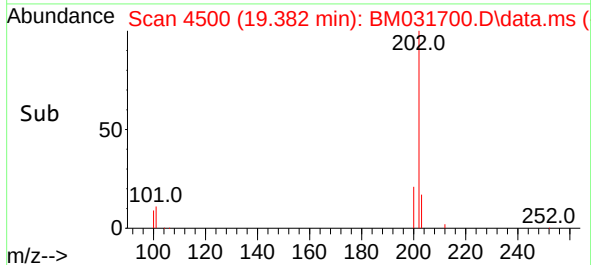
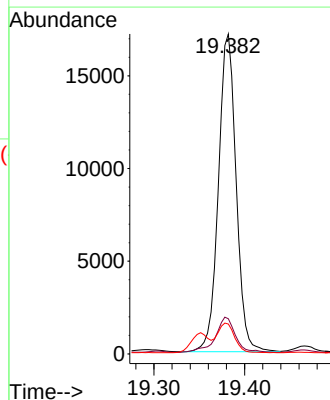
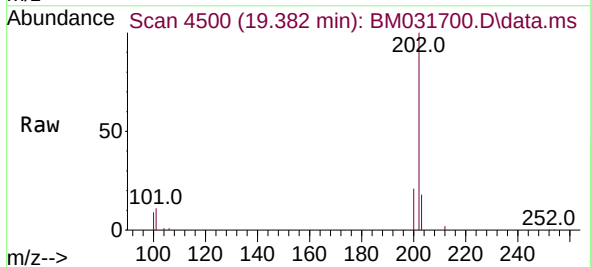
Manual Integrations
APPROVED

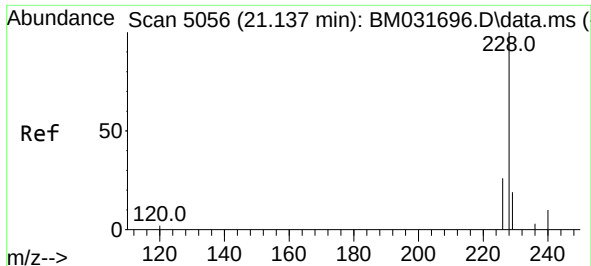
mohammad
8/13/2021 5:15:06 PM



#20
Pyrene
Concen: 1.097 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54

Tgt Ion:	202	Resp:	23314
Ion Ratio	Lower	Upper	
202	100		
101	11.0	7.8	11.6
100	9.3	6.6	10.0





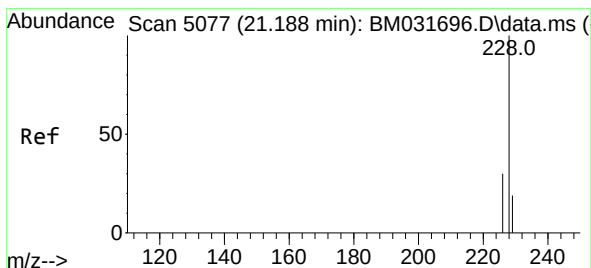
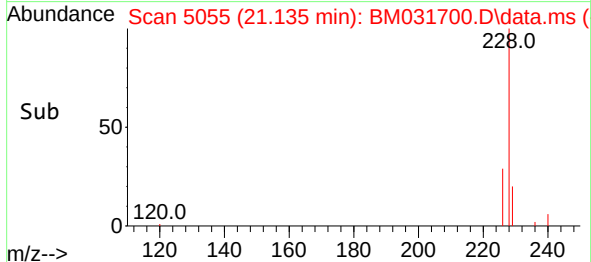
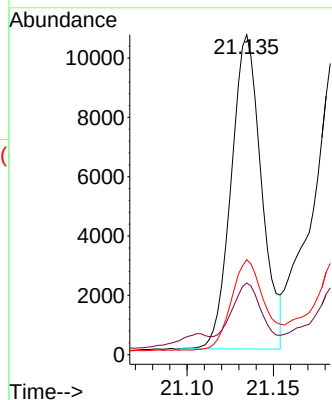
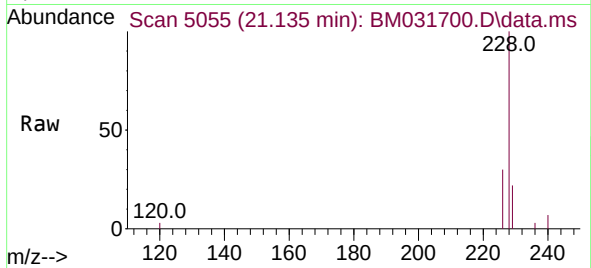
#21
Benzo(a)anthracene
Concen: 0.653 ng/ul
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54

Tgt Ion:228	Resp:	12942
Ion Ratio	Lower	Upper
228	100	
229	22.4	15.6 23.4
226	29.7	21.7 32.5

Instrument :
BNA_M
ClientSampleId :
C00D5DL

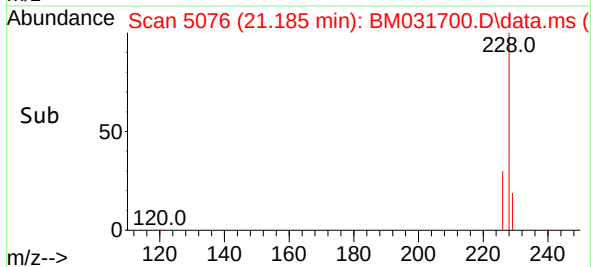
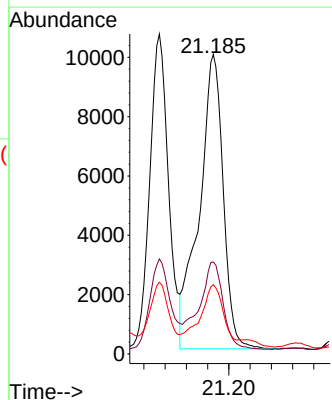
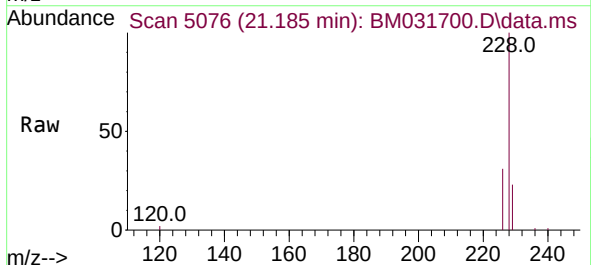
Manual Integrations
APPROVED

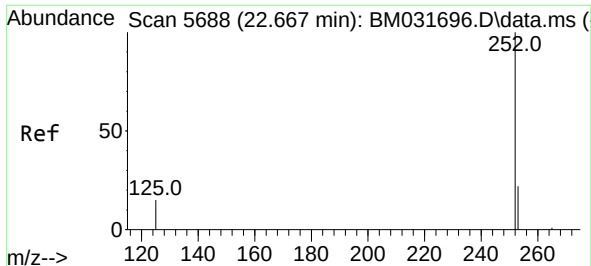
mohammad
8/13/2021 5:15:06 PM



#22
Chrysene
Concen: 0.762 ng/ul
RT: 21.185 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54

Tgt Ion:228	Resp:	15622
Ion Ratio	Lower	Upper
228	100	
226	30.7	24.7 37.1
229	23.1	16.2 24.2





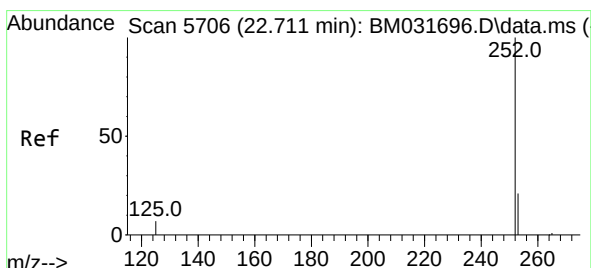
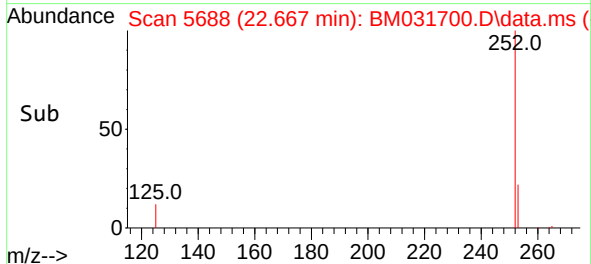
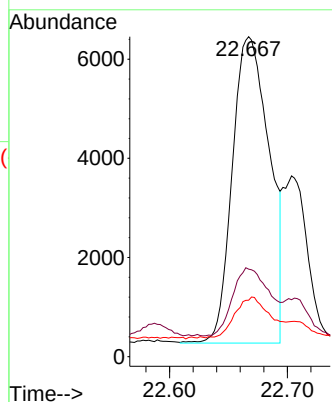
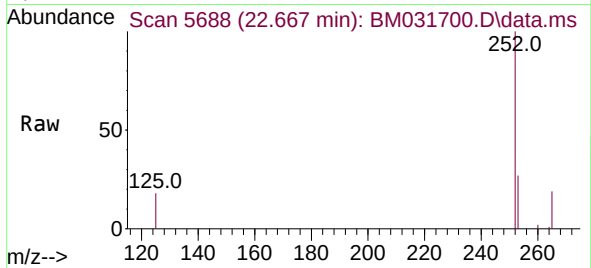
#24
Benzo(b)fluoranthene
Concen: 0.631 ng/ul m
RT: 22.667 min Scan# 5688
Delta R.T. -0.009 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54

Tgt Ion:252	Resp:	13476
Ion Ratio	Lower	Upper
252	100	
253	27.4	0.0 53.0
125	17.6	0.0 22.8

Instrument :
BNA_M
ClientSampled :
C00D5DL

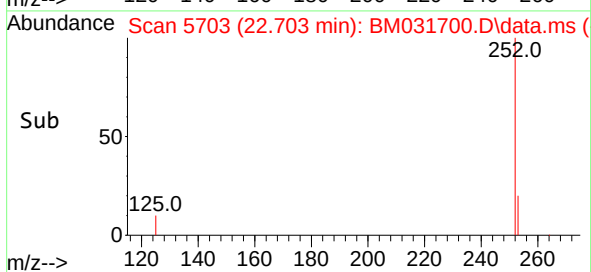
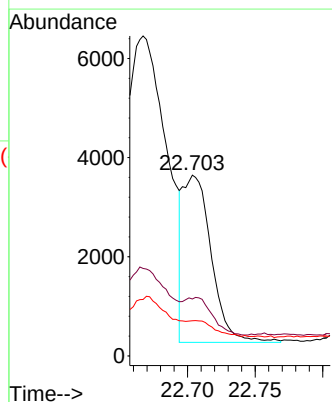
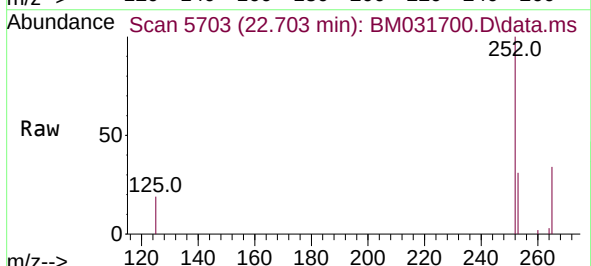
Manual Integrations
APPROVED

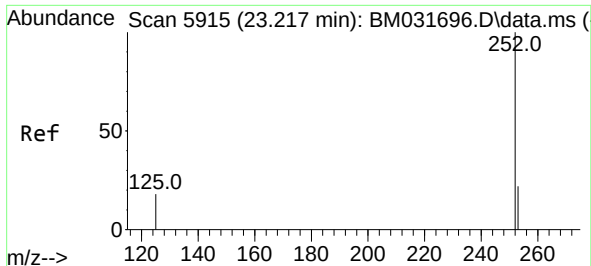
mohammad
8/13/2021 5:15:06 PM



#25
Benzo(k)fluoranthene
Concen: 0.224 ng/ul m
RT: 22.703 min Scan# 5703
Delta R.T. -0.017 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54

Tgt Ion:252	Resp:	4937
Ion Ratio	Lower	Upper
252	100	
253	31.5	21.3 31.9
125	19.4	8.8 13.2#





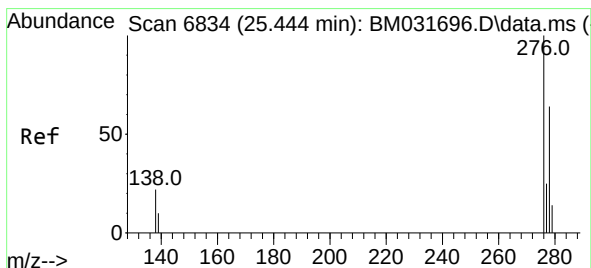
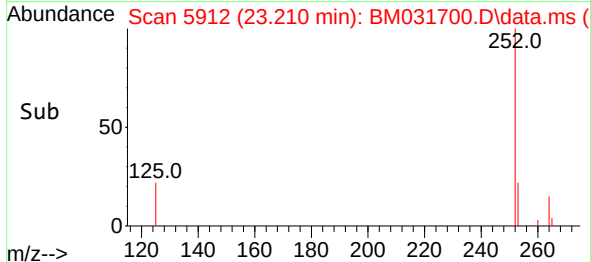
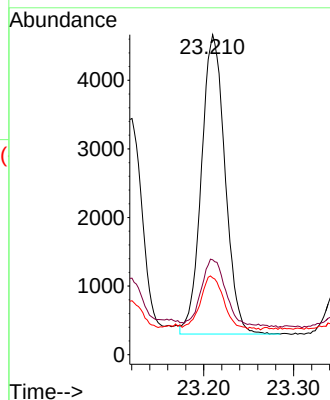
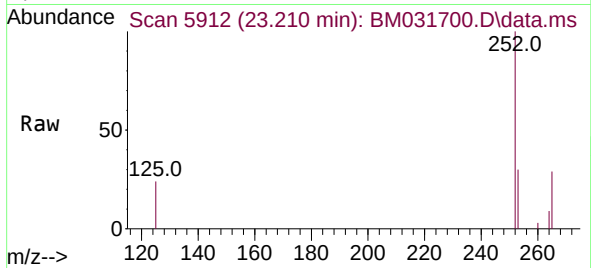
#26
Benzo(a)pyrene
Concen: 0.426 ng/ul
RT: 23.210 min Scan# 5912
Delta R.T. -0.017 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54

Tgt Ion:	252	Resp:	7962
Ion Ratio	Lower	Upper	
252	100		
253	29.6	22.4	33.6
125	24.0	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C00D5DL

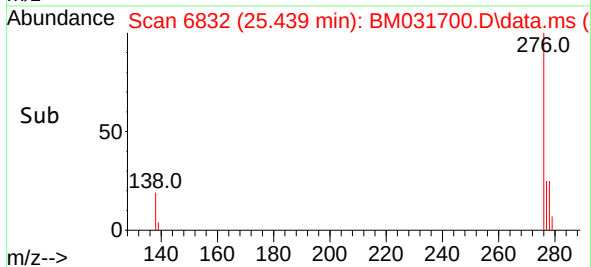
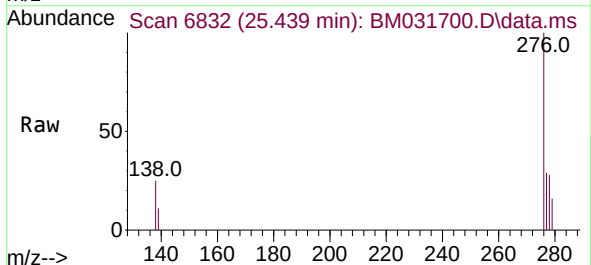
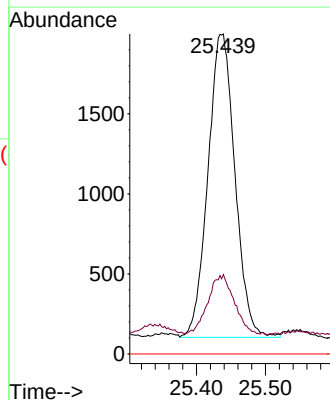
Manual Integrations
APPROVED

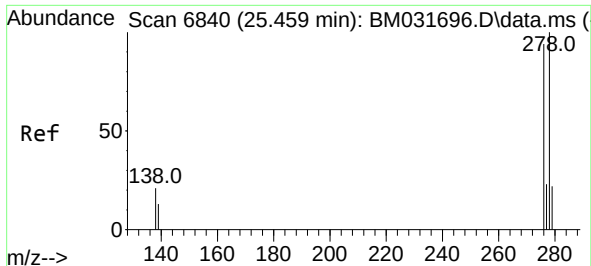
mohammad
8/13/2021 5:15:06 PM



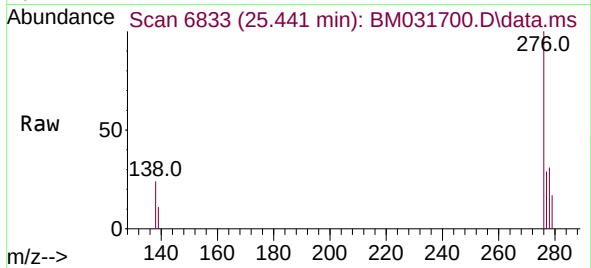
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng/ul
RT: 25.439 min Scan# 6832
Delta R.T. -0.022 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54

Tgt Ion:	276	Resp:	5154
Ion Ratio	Lower	Upper	
276	100		
138	18.9	15.8	23.8
227	0.0	0.0	0.0

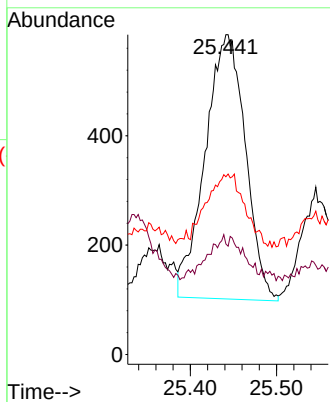
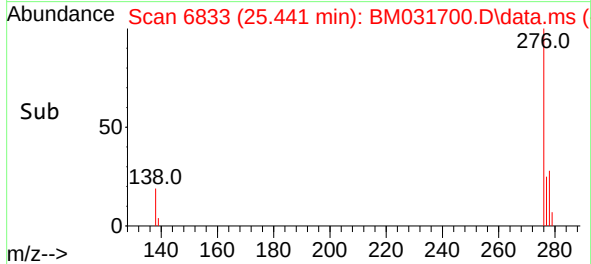




#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 25.441 min Scan# 6833
Delta R.T. -0.031 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54



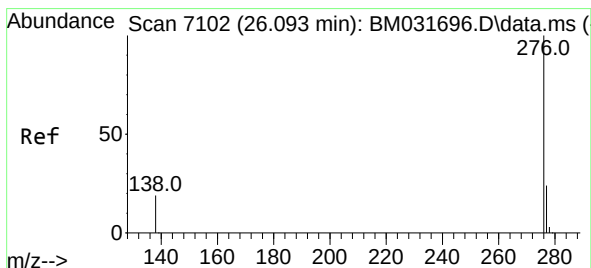
Tgt Ion: 278 Resp: 1568
Ion Ratio Lower Upper
278 100
139 34.5 13.3 19.9#
279 55.6 22.8 34.2#



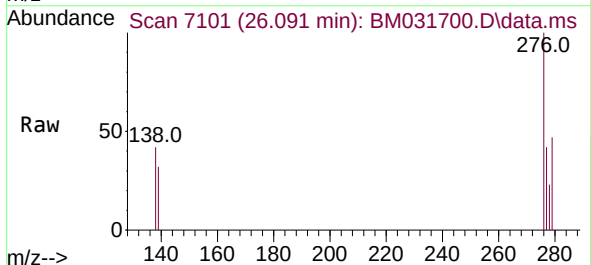
Instrument :
BNA_M
ClientSampleID :
C00D5DL

Manual Integrations
APPROVED

mohammad
8/13/2021 5:15:06 PM



#29
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 26.091 min Scan# 7101
Delta R.T. -0.017 min
Lab File: BM031700.D
Acq: 13 Aug 2021 05:54



Tgt Ion: 276 Resp: 857
Ion Ratio Lower Upper
276 100
138 42.5 15.4 23.2#
277 42.5 19.9 29.9#

