

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031406.D
 Acq On : 03 Aug 2021 10:29
 Operator : CG/JU
 Sample : M3123-19DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0080DL

Manual Integrations
 APPROVED

mohammad
 8/4/2021 3:47:32 PM

Quant Time: Aug 03 11:32:14 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 : Mon Aug 02 11:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1957	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	7530	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	4363	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	8218	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.169	240	6271	0.40	ng/ul	# 0.00
23) Perylene-d12	23.329	264	6003	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	1316	0.61	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	474	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	865	0.04	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.406	128	1651	0.07	ng/ul#	90
7) 2-Methylnaphthalene	12.029	142	1984	0.13	ng/ul	99
8) 1-Methylnaphthalene	12.250	142	1251	0.08	ng/ul	98
10) Acenaphthylene	13.950	152	886	0.05	ng/ul#	80
12) Fluorene	15.282	166	407	0.02	ng/ul#	77
15) Phenanthrene	17.020	178	15202	0.58	ng/ul	98
16) Anthracene	17.110	178	1995m	0.08	ng/ul	
19) Fluoranthene	19.039	202	25894	0.97	ng/ul	98
20) Pyrene	19.401	202	24600	0.91	ng/ul	96
21) Benzo(a)anthracene	21.152	228	11565	0.46	ng/ul	96
22) Chrysene	21.205	228	14619	0.56	ng/ul	97
24) Benzo(b)fluoranthene	22.689	252	16153m	0.60	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	5534m	0.20	ng/ul	
26) Benzo(a)pyrene	23.237	252	8767	0.37	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.466	276	6913	0.23	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.473	278	1954	0.08	ng/ul#	63
29) Benzo(g,h,i)perylene	26.115	276	1085	0.04	ng/ul#	63

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

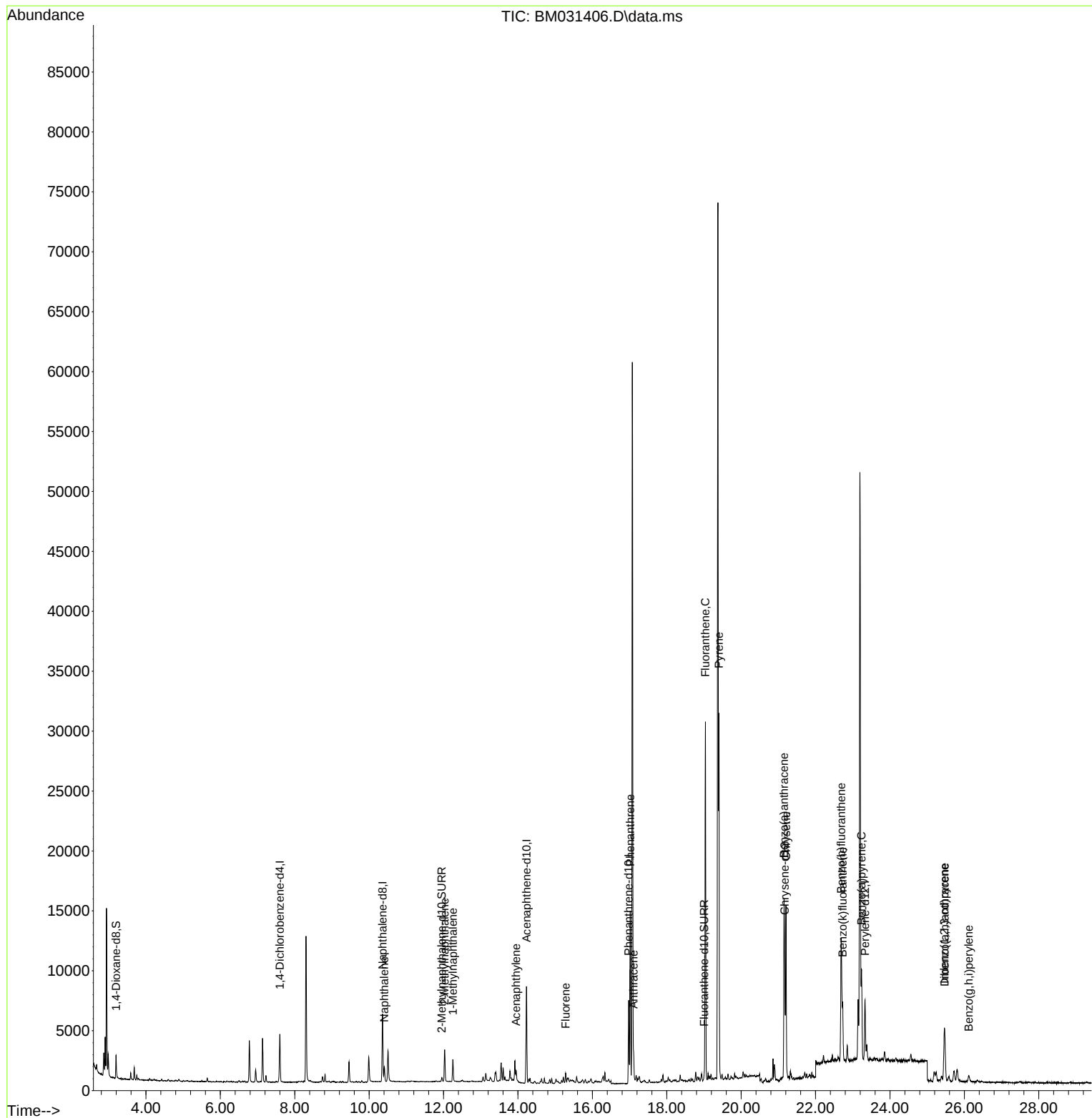
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031406.D
Acq On : 03 Aug 2021 10:29
Operator : CG/JU
Sample : M3123-19DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

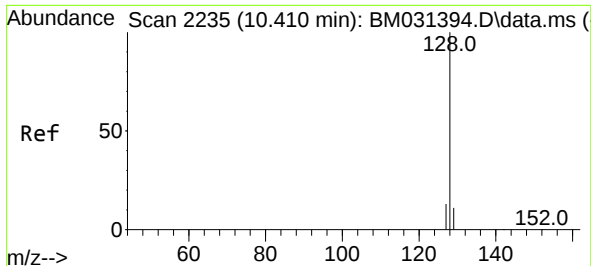
Instrument :
BNA_M
ClientSampleId :
C0080DL

Manual Integrations
APPROVED

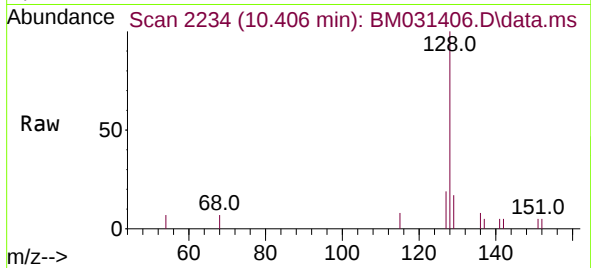
mohammad
8/4/2021 3:47:32 PM

Quant Time: Aug 03 11:32:14 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 : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

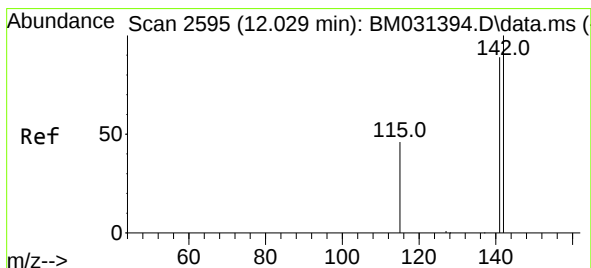
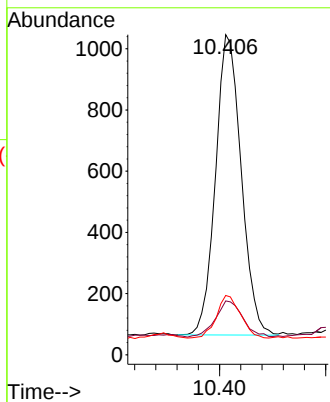
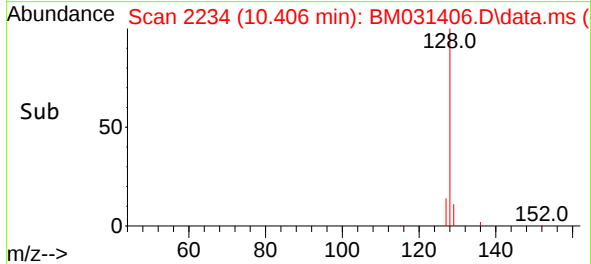




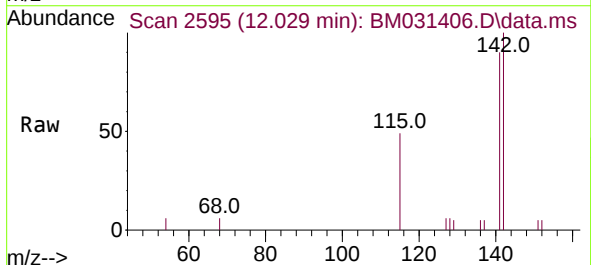
#5
Naphthalene
Concen: 0.07 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. -0.004 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29



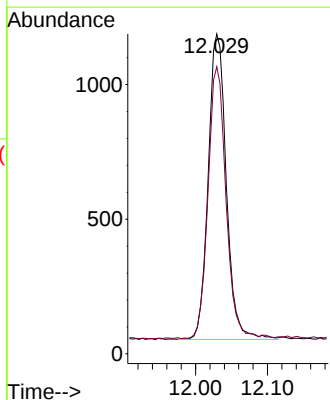
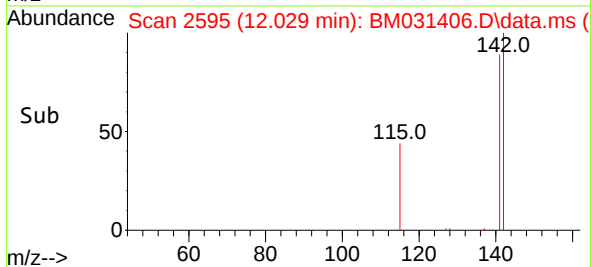
Tgt Ion:128 Resp: 1651
Ion Ratio Lower Upper
128 100
129 16.8 10.0 15.0#
127 18.5 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.13 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29



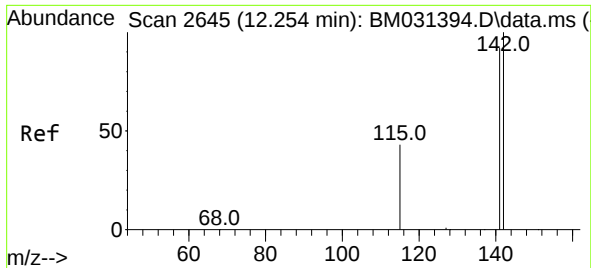
Tgt Ion:142 Resp: 1984
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.0



Instrument :
BNA_M
ClientSampled :
C0080DL

Manual Integrations
APPROVED

mohammad
8/4/2021 3:47:32 PM



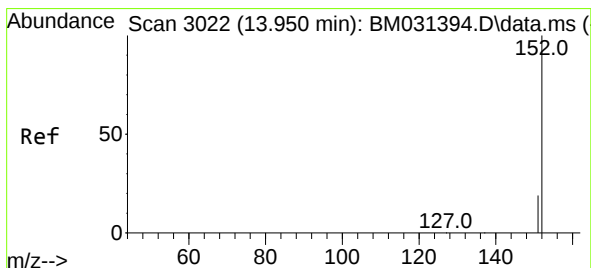
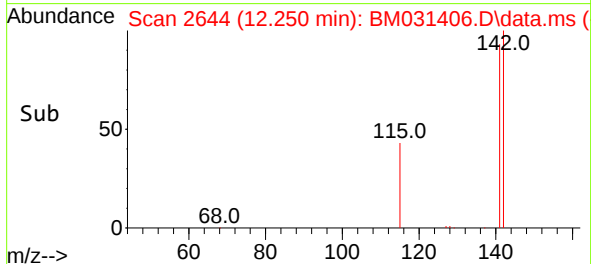
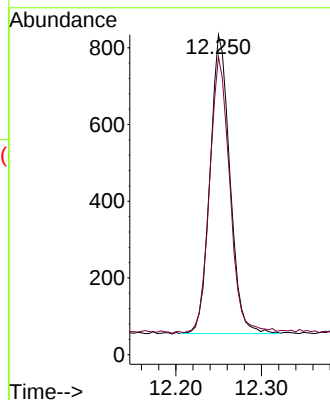
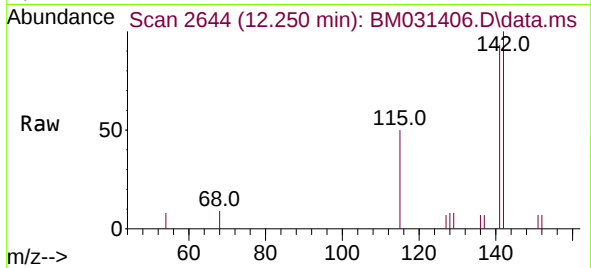
#8
1-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29

Tgt Ion:142 Resp: 1251
Ion Ratio Lower Upper
142 100
141 95.0 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C0080DL

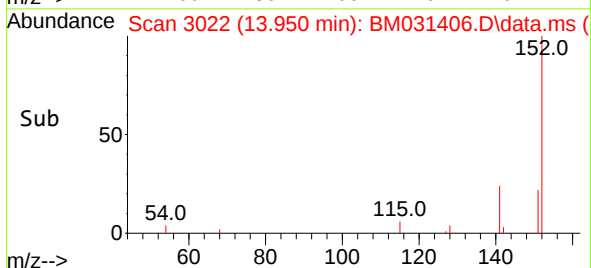
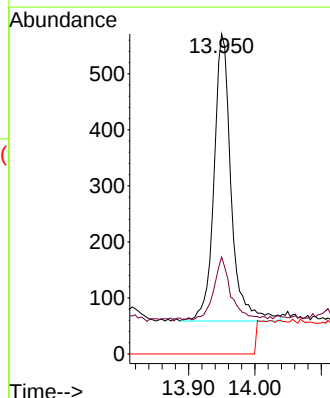
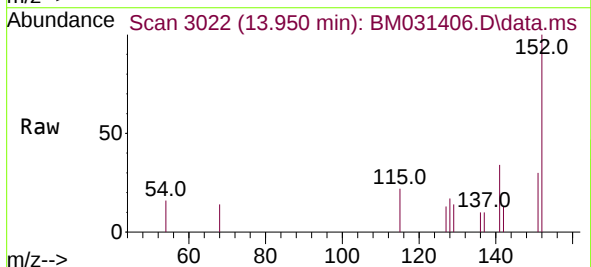
Manual Integrations
APPROVED

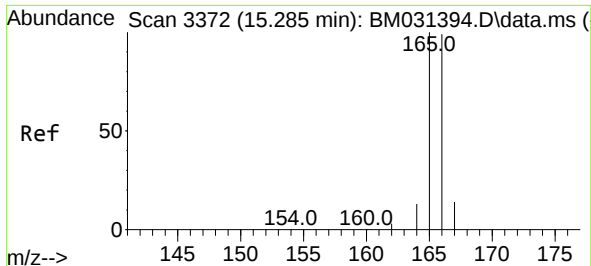
mohammad
8/4/2021 3:47:32 PM



#10
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29

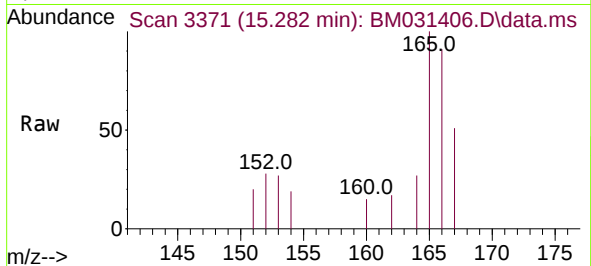
Tgt Ion:152 Resp: 886
Ion Ratio Lower Upper
152 100
151 30.3 16.9 25.3#
153 0.0 0.0 0.0





#12
Fluorene
Concen: 0.02 ng/ul
RT: 15.282 min Scan# 3371
Delta R.T. -0.004 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29

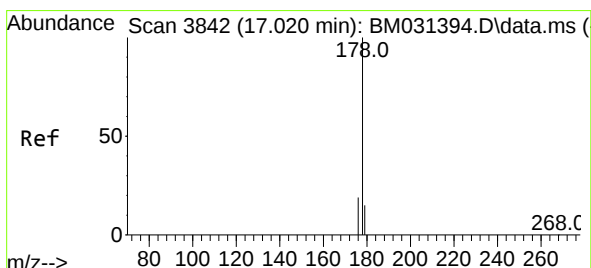
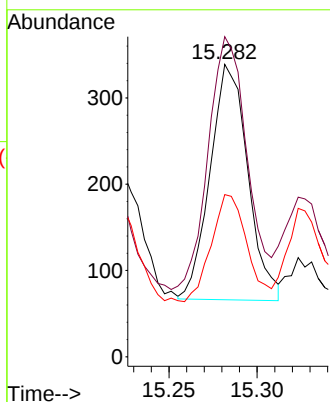
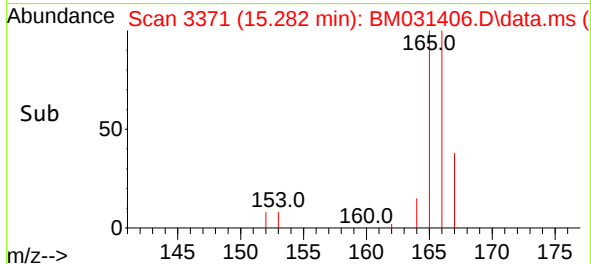
Instrument :
BNA_M
ClientSampled :
C0080DL



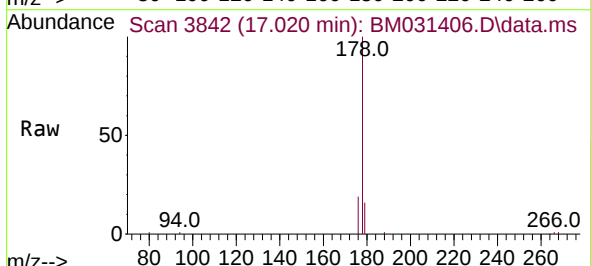
Tgt Ion:166 Resp: 407
Ion Ratio Lower Upper
166 100
165 109.4 78.0 117.0
167 55.5 12.0 18.0#

Manual Integrations
APPROVED

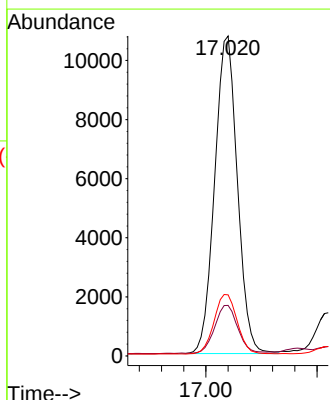
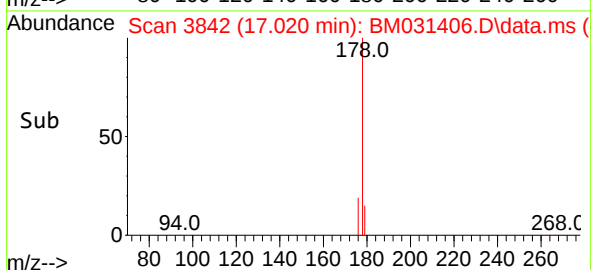
mohammad
8/4/2021 3:47:32 PM

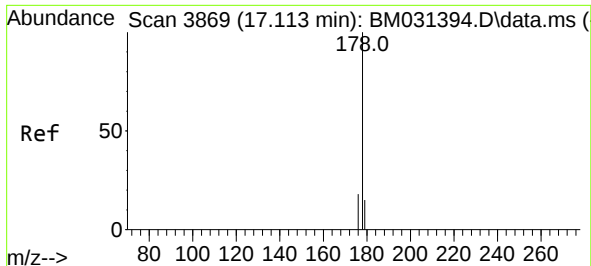


#15
Phenanthrene
Concen: 0.58 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29

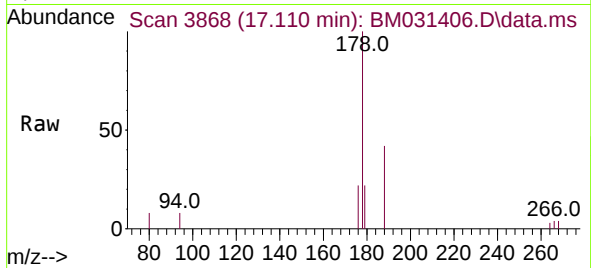


Tgt Ion:178 Resp: 15202
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.1 16.2 24.4

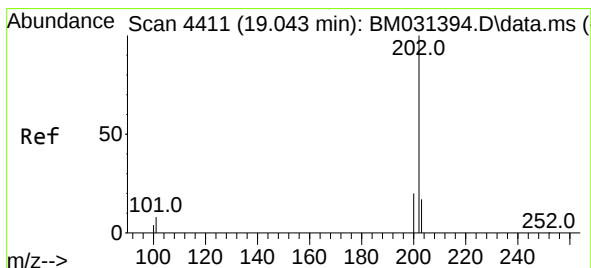
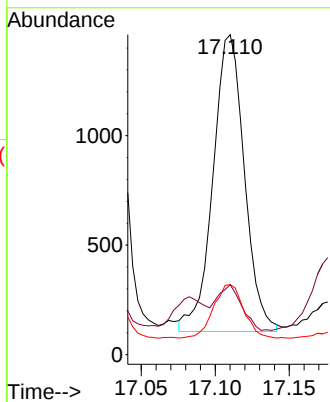
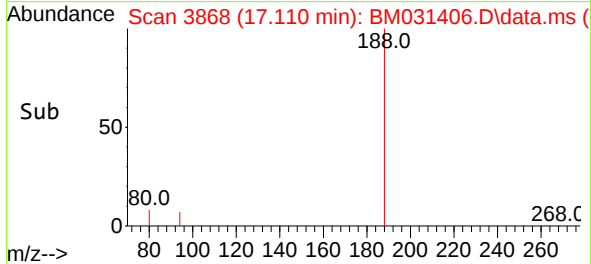




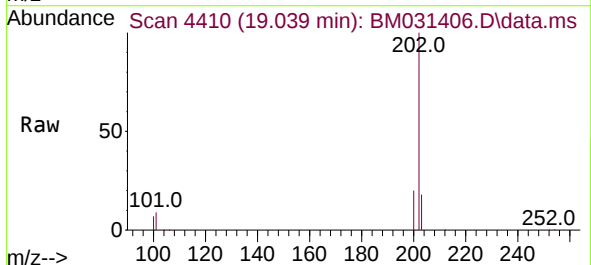
#16
 Anthracene
 Concen: 0.08 ng/ul m
 RT: 17.110 min Scan# 3868
 Delta R.T. -0.003 min
 Lab File: BM031406.D
 Acq: 03 Aug 2021 10:29



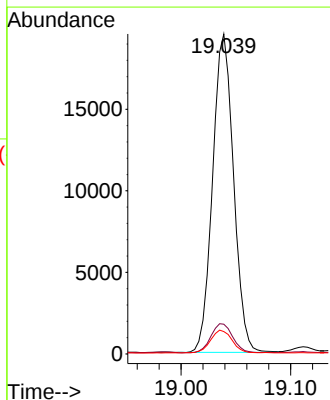
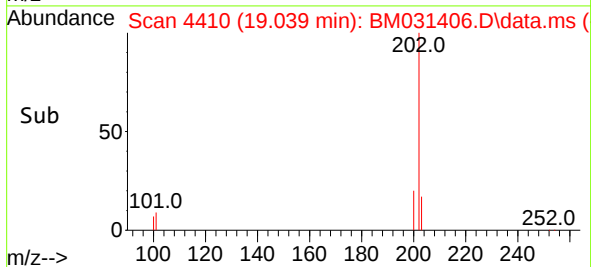
Tgt Ion:178 Resp: 1995
 Ion Ratio Lower Upper
 178 100
 179 21.8 13.0 19.6#
 176 21.9 15.6 23.4



#19
 Fluoranthene
 Concen: 0.97 ng/ul
 RT: 19.039 min Scan# 4410
 Delta R.T. -0.004 min
 Lab File: BM031406.D
 Acq: 03 Aug 2021 10:29



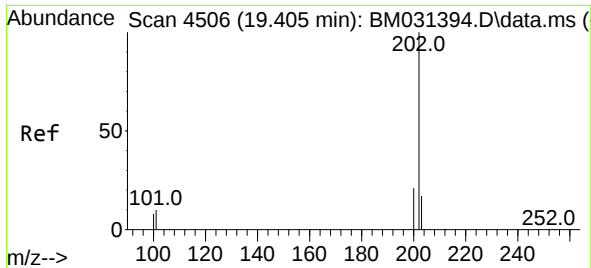
Tgt Ion:202 Resp: 25894
 Ion Ratio Lower Upper
 202 100
 101 9.3 6.6 10.0
 100 7.0 5.4 8.0



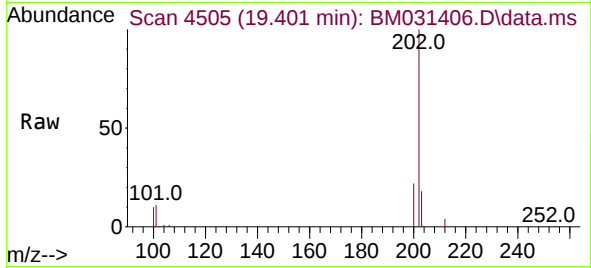
Instrument :
 BNA_M
 ClientSampled :
 C0080DL

Manual Integrations
 APPROVED

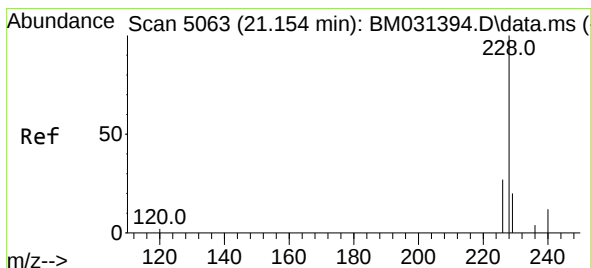
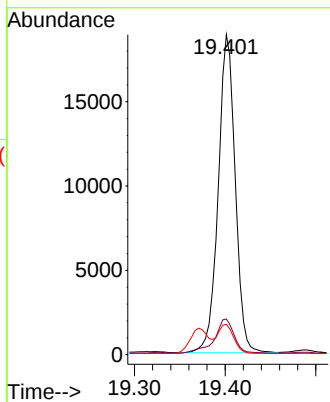
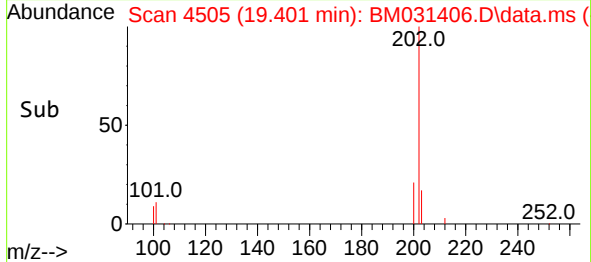
mohammad
 8/4/2021 3:47:32 PM



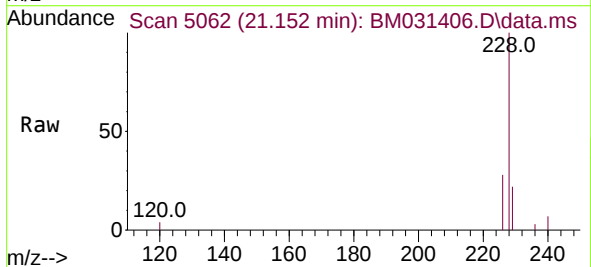
#20
Pyrene
Concen: 0.91 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.007 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29



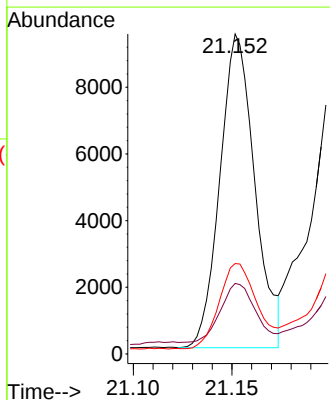
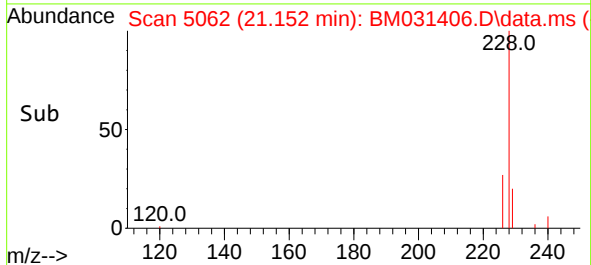
Tgt Ion:202 Resp: 24600
Ion Ratio Lower Upper
202 100
101 11.1 7.8 11.6
100 9.5 6.6 10.0



#21
Benzo(a)anthracene
Concen: 0.46 ng/ul
RT: 21.152 min Scan# 5062
Delta R.T. -0.007 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29



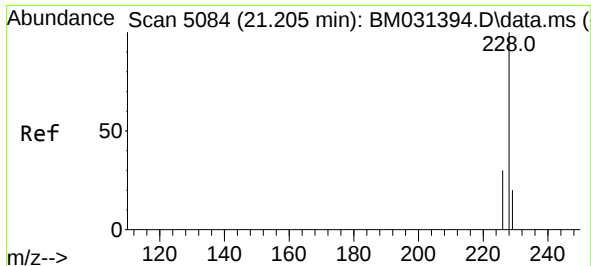
Tgt Ion:228 Resp: 11565
Ion Ratio Lower Upper
228 100
229 22.1 15.6 23.4
226 28.2 21.7 32.5



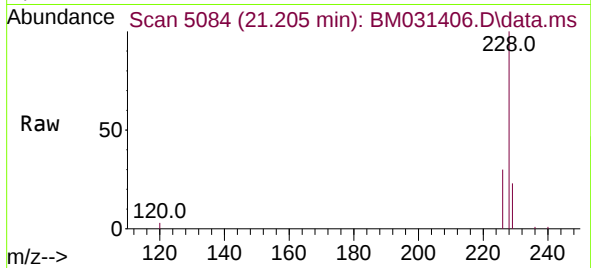
Instrument :
BNA_M
ClientSampled :
C0080DL

Manual Integrations
APPROVED

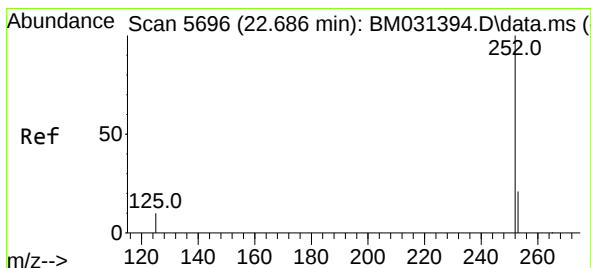
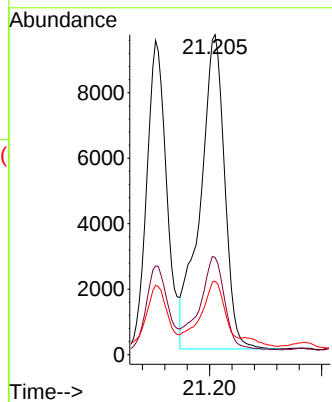
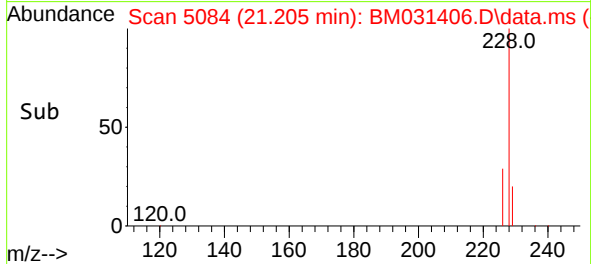
mohammad
8/4/2021 3:47:32 PM



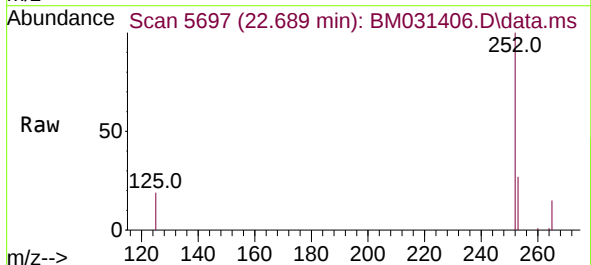
#22
Chrysene
Concen: 0.56 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.005 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29



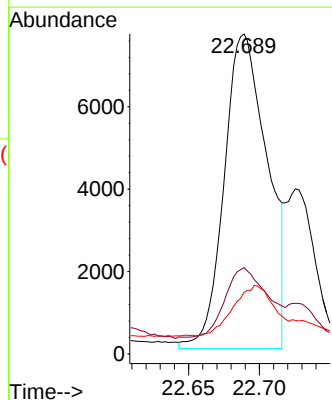
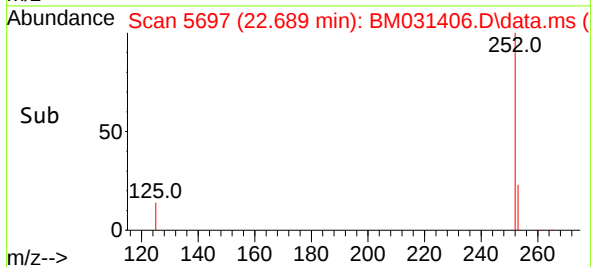
Tgt Ion:	228	Resp:	14619
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	22.9	16.2	24.2



#24
Benzo(b)fluoranthene
Concen: 0.60 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. -0.002 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29



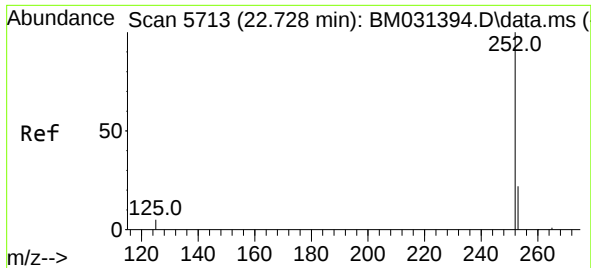
Tgt Ion:	252	Resp:	16153
Ion Ratio	Lower	Upper	
252	100		
253	27.0	0.0	53.0
125	19.2	0.0	22.8



Instrument :
BNA_M
ClientSampled :
C0080DL

Manual Integrations
APPROVED

mohammad
8/4/2021 3:47:32 PM



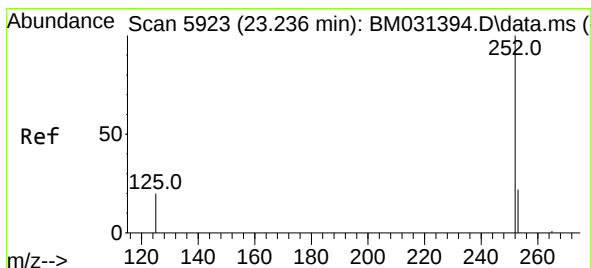
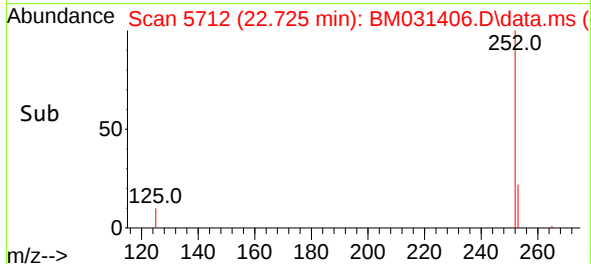
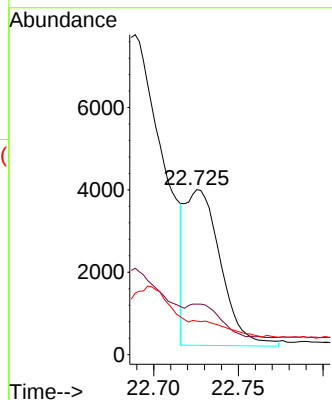
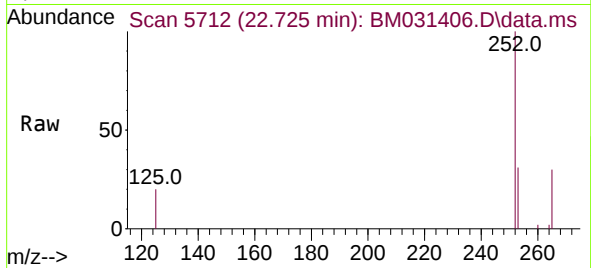
#25
Benzo(k)fluoranthene
Concen: 0.20 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. -0.009 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.6	21.3	31.9
125	20.4	8.8	13.2#

Instrument :
BNA_M
ClientSampled :
C0080DL

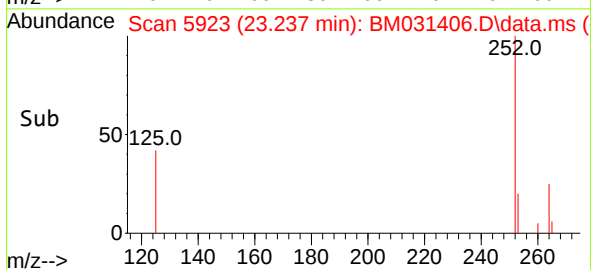
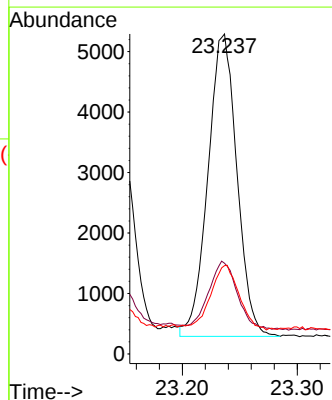
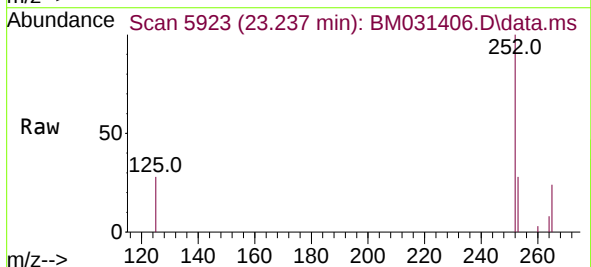
Manual Integrations
APPROVED

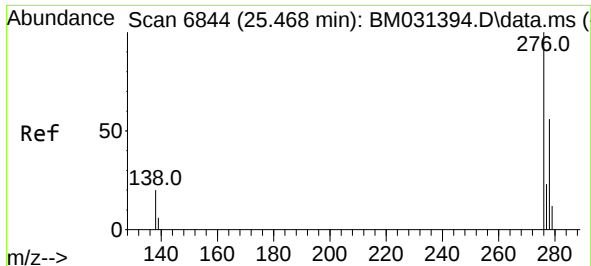
mohammad
8/4/2021 3:47:32 PM



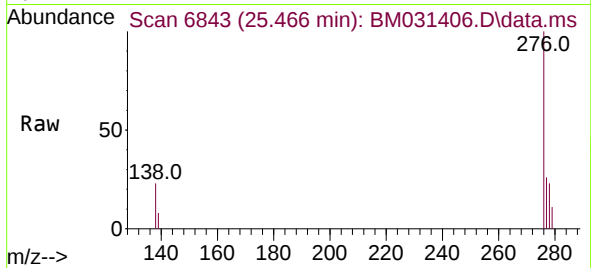
#26
Benzo(a)pyrene
Concen: 0.37 ng/ul
RT: 23.237 min Scan# 5923
Delta R.T. -0.007 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.4	33.6
125	27.6	13.0	19.4#

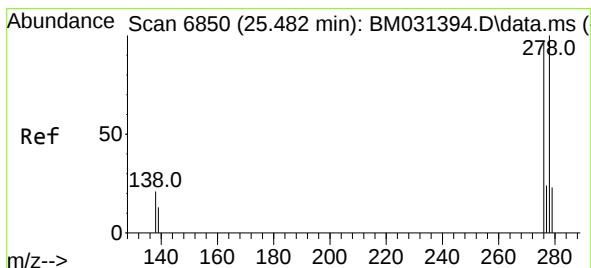
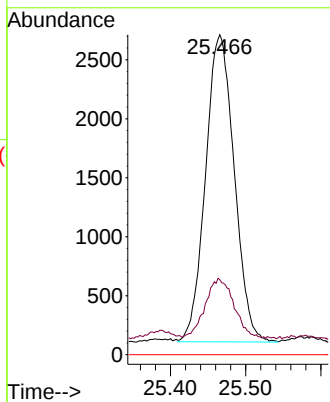
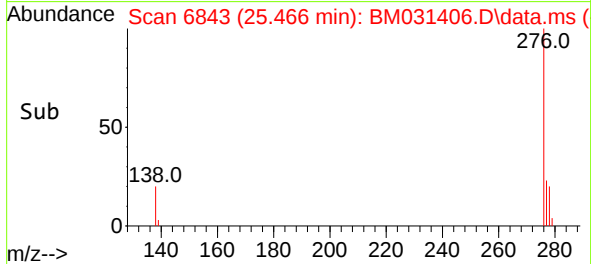




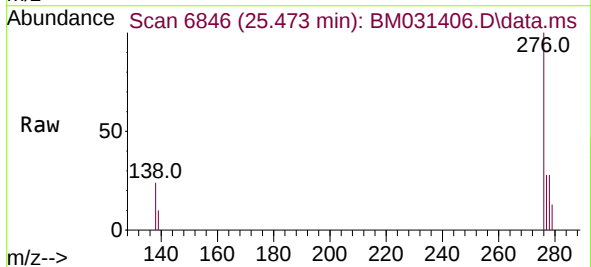
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.23 ng/ul
RT: 25.466 min Scan# 6843
Delta R.T. -0.014 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29



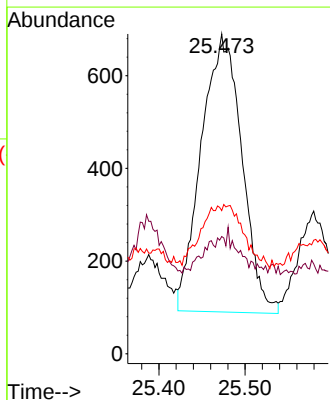
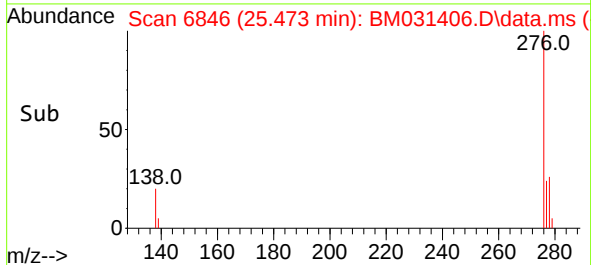
Tgt Ion: 276 Resp: 6913
Ion Ratio Lower Upper
276 100
138 19.6 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. -0.019 min
Lab File: BM031406.D
Acq: 03 Aug 2021 10:29



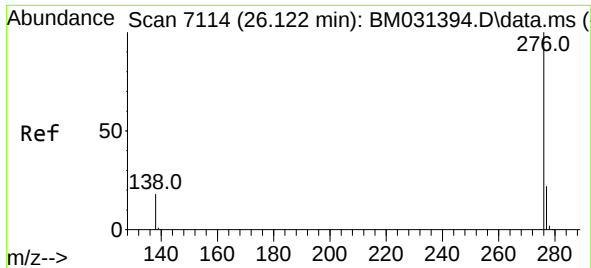
Tgt Ion: 278 Resp: 1954
Ion Ratio Lower Upper
278 100
139 36.7 13.3 19.9#
279 44.8 22.8 34.2#



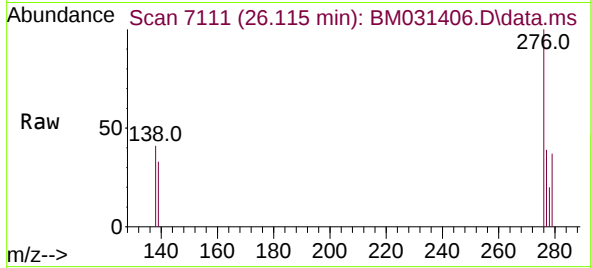
Instrument :
BNA_M
ClientSampled :
C0080DL

Manual Integrations
APPROVED

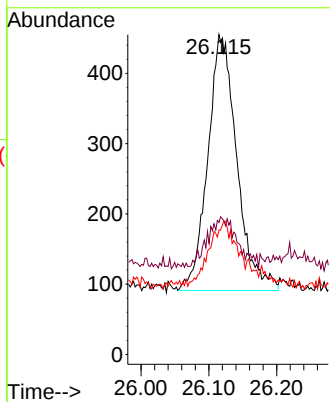
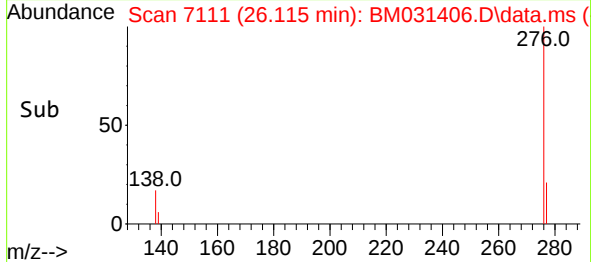
mohammad
8/4/2021 3:47:32 PM



#29
 Benzo(g,h,i)perylene
 Concen: 0.04 ng/ul
 RT: 26.115 min Scan# 7111
 Delta R.T. -0.017 min
 Lab File: BM031406.D
 Acq: 03 Aug 2021 10:29



Tgt Ion:	276	Resp:	1085
Ion Ratio	Lower	Upper	
276	100		
138	41.3	15.4	23.2#
277	38.9	19.9	29.9#



Instrument :
 BNA_M
 ClientSampleId :
 C0080DL

Manual Integrations
 APPROVED

mohammad
 8/4/2021 3:47:32 PM