

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031390.D
 Acq On : 03 Aug 2021 00:06
 Operator : CG/JU
 Sample : M3123-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0067

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:51:01 AM

Quant Time: Aug 03 02:07:20 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	7.600	152	1471	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	5756	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.227	164	6767	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	7304	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.168	240	5733	0.40	ng/ul	# 0.00
23) Perylene-d12	23.328	264	5511	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	2201	1.35	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1034	0.11	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	2275	0.12	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.410	128	280533	16.36	ng/ul	96
7) 2-Methylnaphthalene	12.029	142	279369	23.85	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	134835	11.65	ng/ul	100
10) Acenaphthylene	13.954	152	2433	0.08	ng/ul#	62
12) Fluorene	15.285	166	4505	0.16	ng/ul#	56
15) Phenanthrene	17.020	178	525609	22.66	ng/ul	97
16) Anthracene	17.110	178	17761	0.82	ng/ul	99
19) Fluoranthene	19.043	202	80583	3.29	ng/ul#	95
20) Pyrene	19.405	202	58675	2.36	ng/ul	96
21) Benzo(a)anthracene	21.154	228	44656m	1.93	ng/ul	
22) Chrysene	21.205	228	143193	5.98	ng/ul	97
24) Benzo(b)fluoranthene	22.686	252	29236m	1.18	ng/ul	
25) Benzo(k)fluoranthene	22.723	252	2028m	0.08	ng/ul	
26) Benzo(a)pyrene	23.234	252	4025	0.19	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	25.468	276	2228	0.08	ng/ul#	79
28) Dibenzo(a,h)anthracene	25.478	278	3349	0.15	ng/ul#	41

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

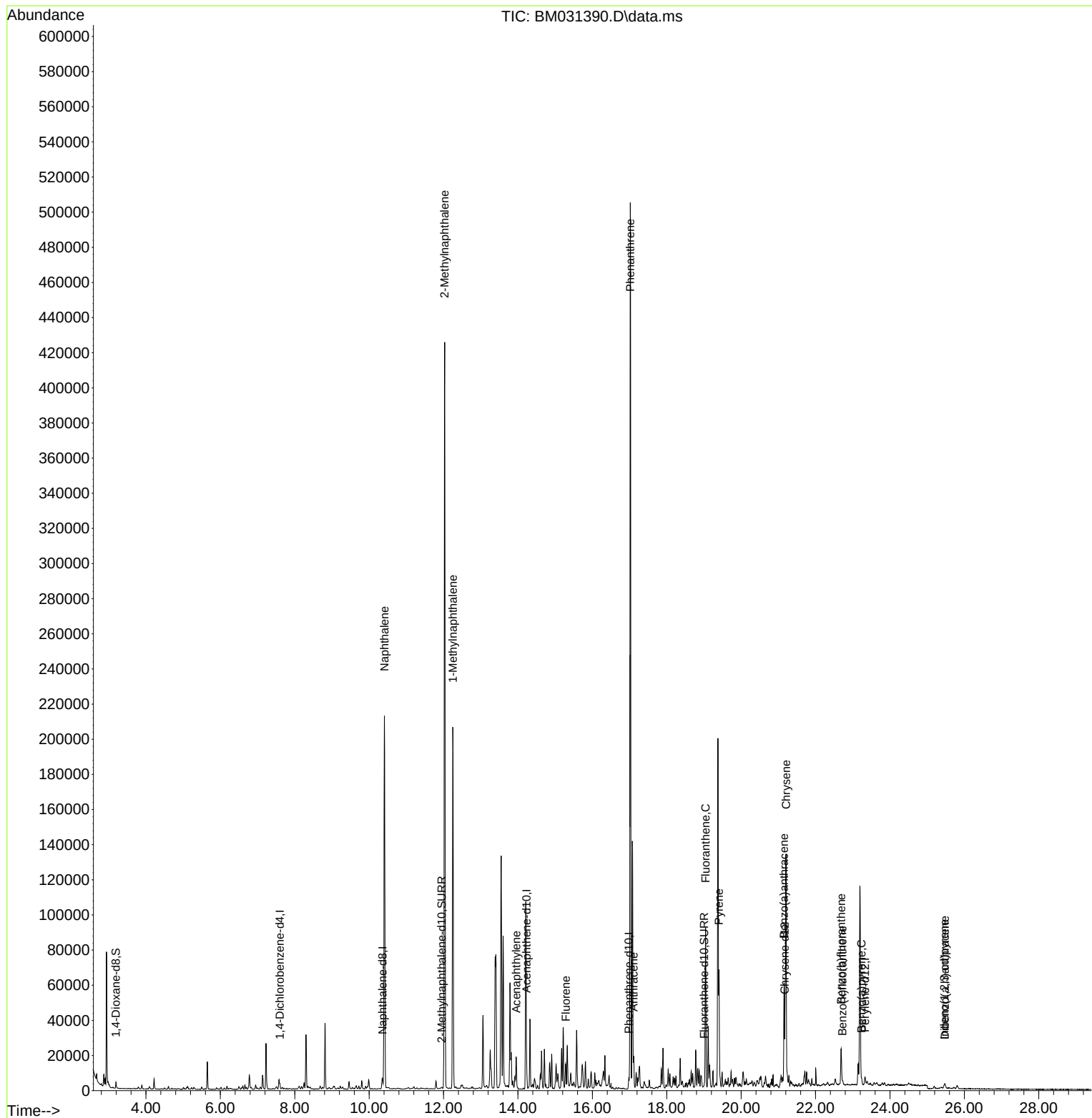
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031390.D
Acq On : 03 Aug 2021 00:06
Operator : CG/JU
Sample : M3123-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

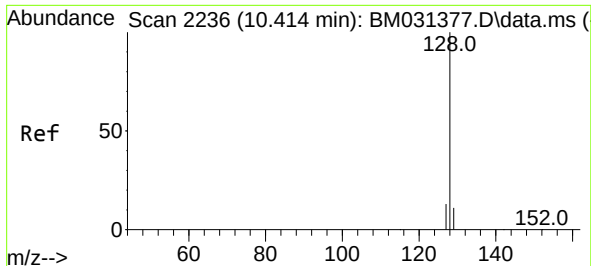
Instrument :
BNA_M
ClientSampleId :
C0067

Manual Integrations
APPROVED

mohammad
8/3/2021 11:51:01 AM

Quant Time: Aug 03 02:07:20 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





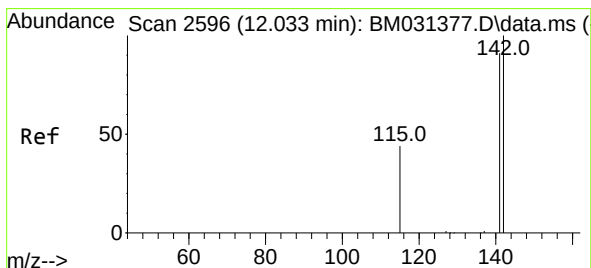
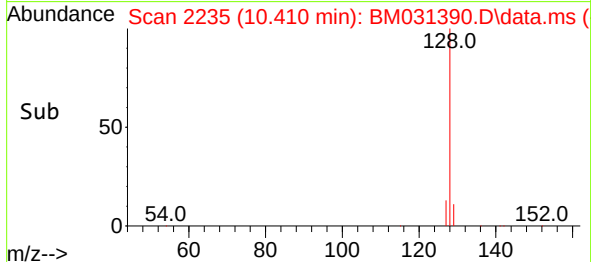
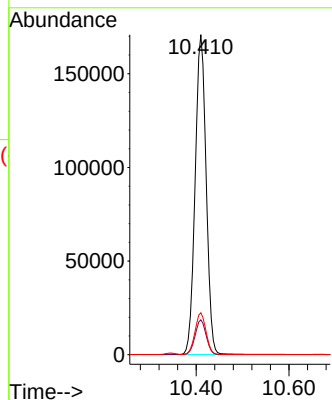
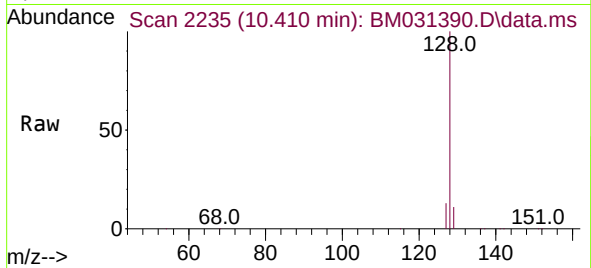
#5
Naphthalene
Concen: 16.36 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031390.D
Acq: 03 Aug 2021 00:06

Tgt Ion:128 Resp: 280533
Ion Ratio Lower Upper
128 100
129 10.9 10.0 15.0
127 13.1 11.6 17.4

Instrument :
BNA_M
ClientSampled :
C0067

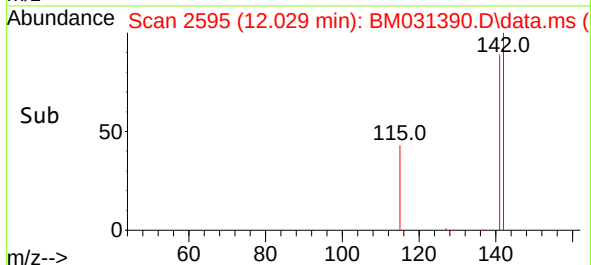
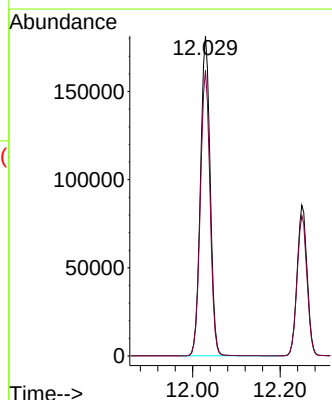
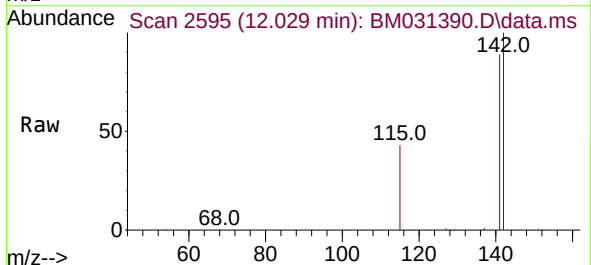
Manual Integrations
APPROVED

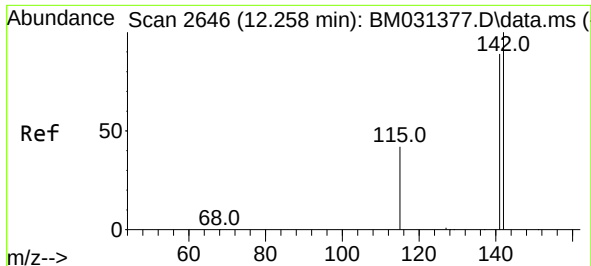
mohammad
8/3/2021 11:51:01 AM



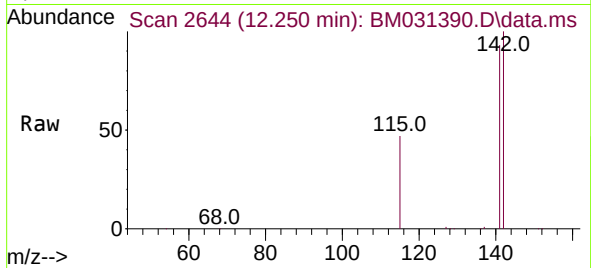
#7
2-Methylnaphthalene
Concen: 23.85 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031390.D
Acq: 03 Aug 2021 00:06

Tgt Ion:142 Resp: 279369
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0

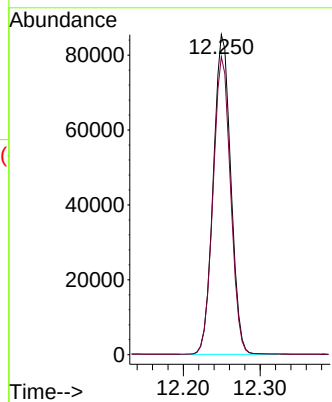
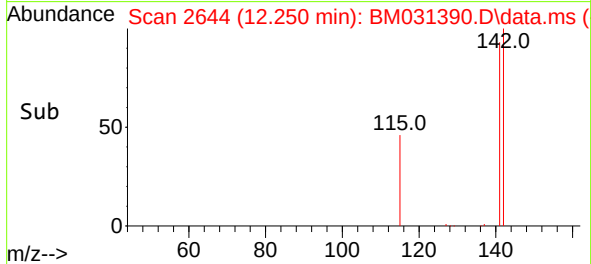




#8
1-Methylnaphthalene
Concen: 11.65 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.005 min
Lab File: BM031390.D
Acq: 03 Aug 2021 00:06



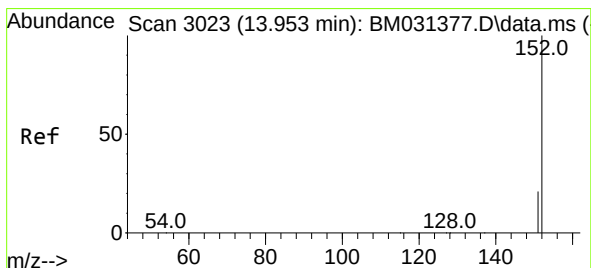
Tgt Ion:142 Resp: 134835
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1



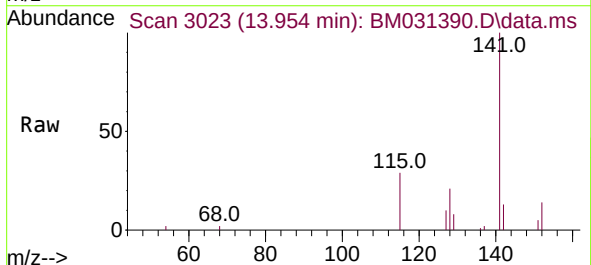
Instrument :
BNA_M
ClientSampled :
C0067

Manual Integrations
APPROVED

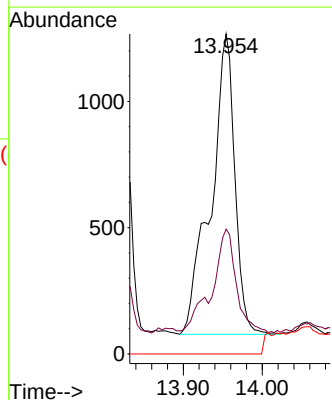
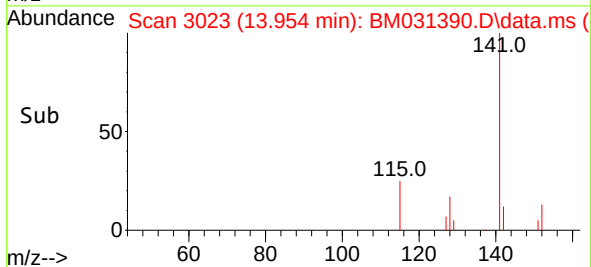
mohammad
8/3/2021 11:51:01 AM

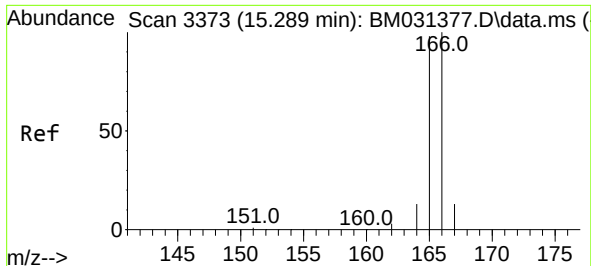


#10
Acenaphthylene
Concen: 0.08 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. 0.000 min
Lab File: BM031390.D
Acq: 03 Aug 2021 00:06

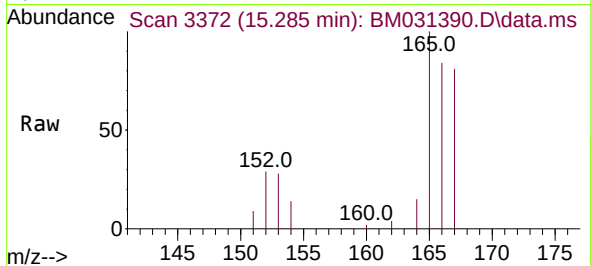


Tgt Ion:152 Resp: 2433
Ion Ratio Lower Upper
152 100
151 39.0 16.9 25.3#
153 0.0 0.0 0.0

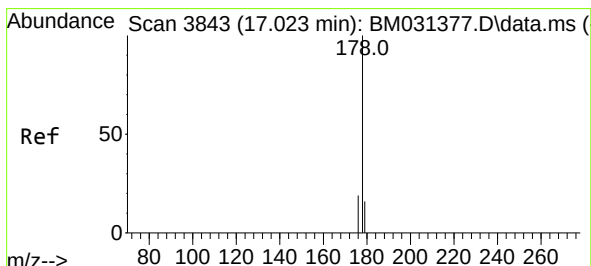
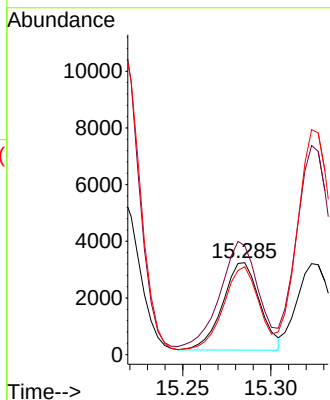
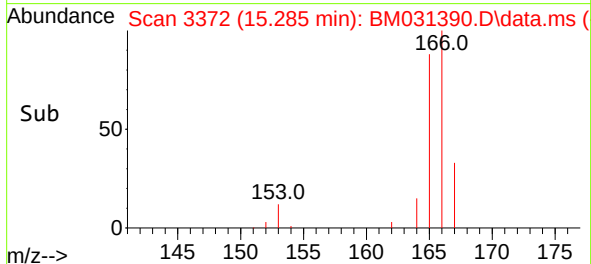




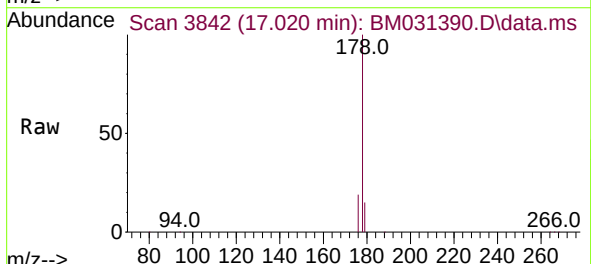
#12
Fluorene
Concen: 0.16 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031390.D
Acq: 03 Aug 2021 00:06



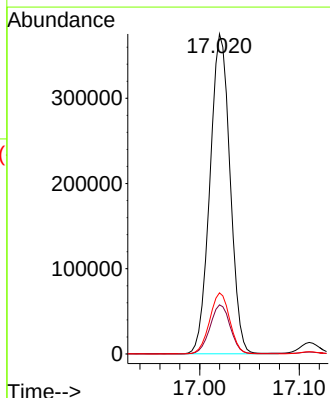
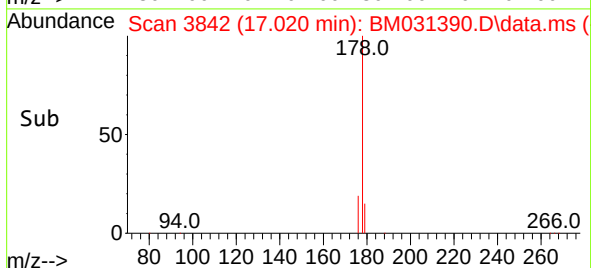
Tgt Ion:166 Resp: 4505
Ion Ratio Lower Upper
166 100
165 118.5 78.0 117.0#
167 95.7 12.0 18.0#



#15
Phenanthrene
Concen: 22.66 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031390.D
Acq: 03 Aug 2021 00:06



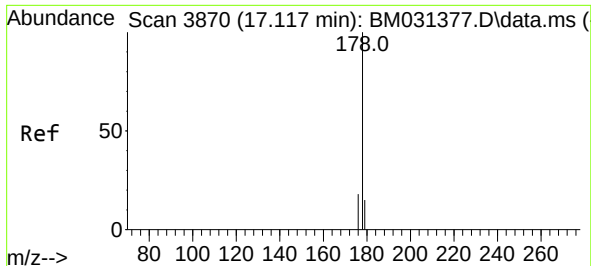
Tgt Ion:178 Resp: 525609
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.1 16.2 24.4



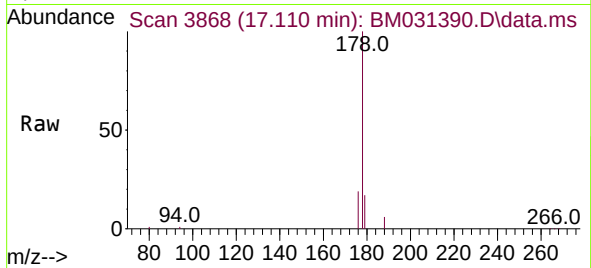
Instrument :
BNA_M
ClientSampled :
C0067

Manual Integrations
APPROVED

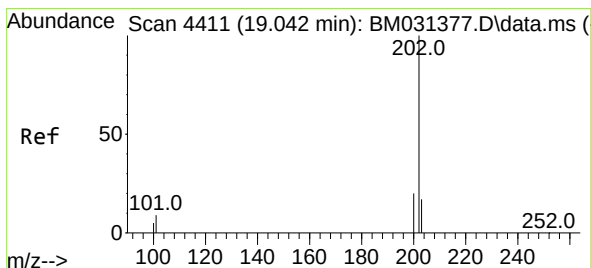
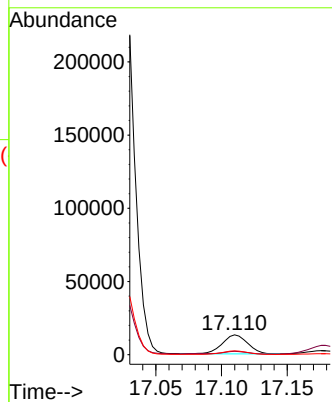
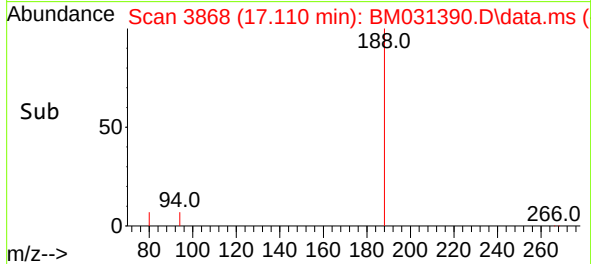
mohammad
8/3/2021 11:51:01 AM



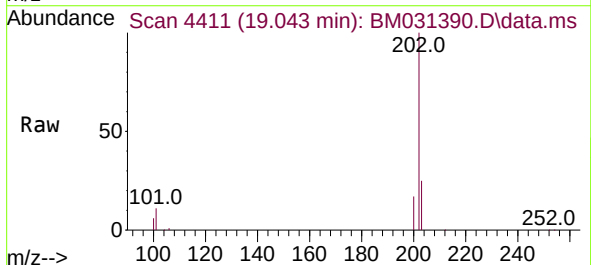
#16
 Anthracene
 Concen: 0.82 ng/ul
 RT: 17.110 min Scan# 3868
 Delta R.T. -0.003 min
 Lab File: BM031390.D
 Acq: 03 Aug 2021 00:06



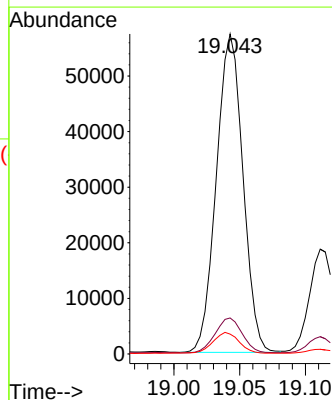
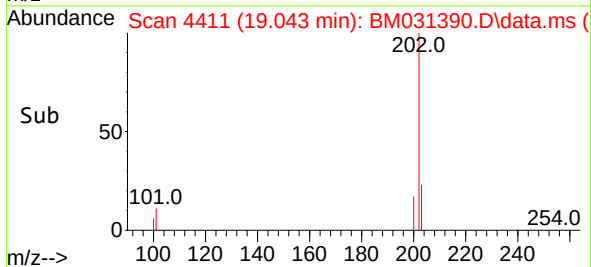
Tgt Ion:178 Resp: 17761
 Ion Ratio Lower Upper
 178 100
 179 16.8 13.0 19.6
 176 19.2 15.6 23.4



#19
 Fluoranthene
 Concen: 3.29 ng/ul
 RT: 19.043 min Scan# 4411
 Delta R.T. 0.000 min
 Lab File: BM031390.D
 Acq: 03 Aug 2021 00:06



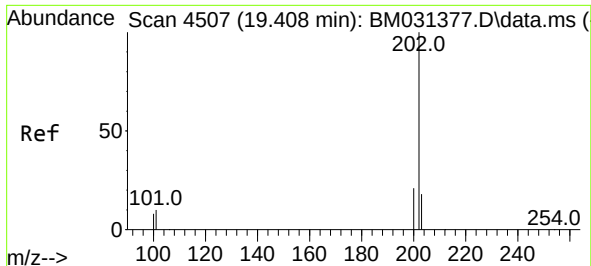
Tgt Ion:202 Resp: 80583
 Ion Ratio Lower Upper
 202 100
 101 11.2 6.6 10.0#
 100 6.2 5.4 8.0



Instrument :
 BNA_M
 ClientSampled :
 C0067

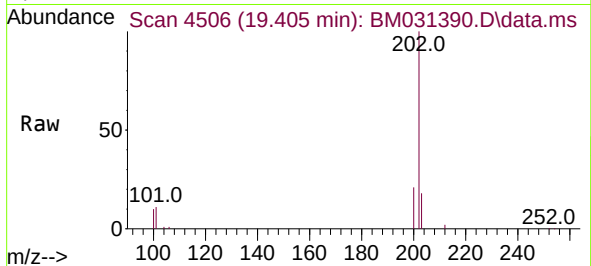
Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:51:01 AM



#20
Pyrene
Concen: 2.36 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031390.D
Acq: 03 Aug 2021 00:06

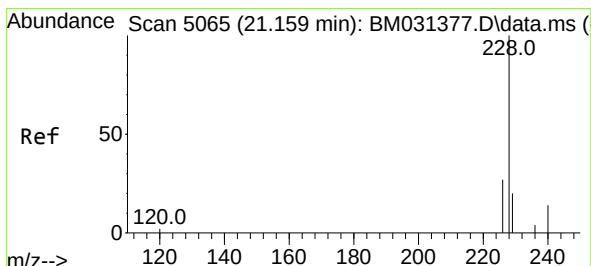
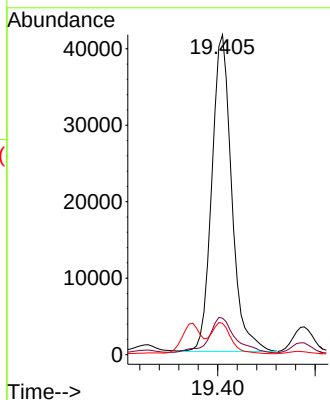
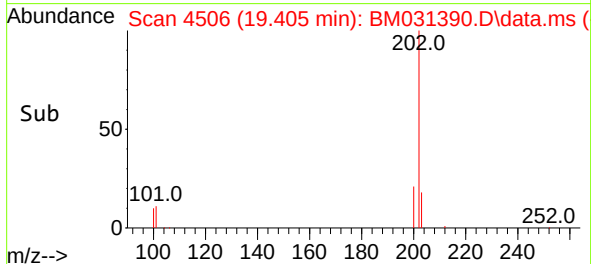
Instrument :
BNA_M
ClientSampled :
C0067



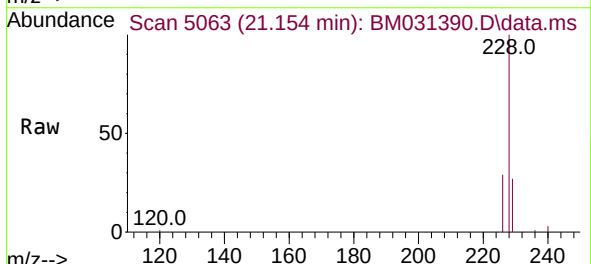
Tgt Ion:202 Resp: 58675
Ion Ratio Lower Upper
202 100
101 11.4 7.8 11.6
100 9.8 6.6 10.0

Manual Integrations
APPROVED

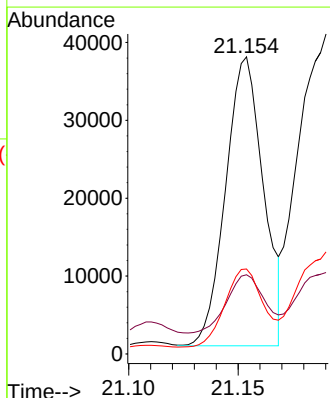
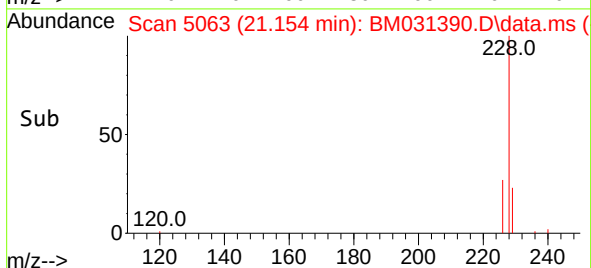
mohammad
8/3/2021 11:51:01 AM

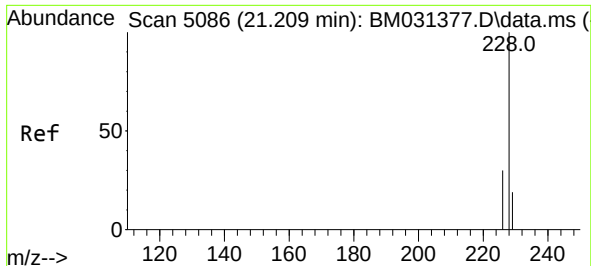


#21
Benzo(a)anthracene
Concen: 1.93 ng/ul m
RT: 21.154 min Scan# 5063
Delta R.T. -0.005 min
Lab File: BM031390.D
Acq: 03 Aug 2021 00:06

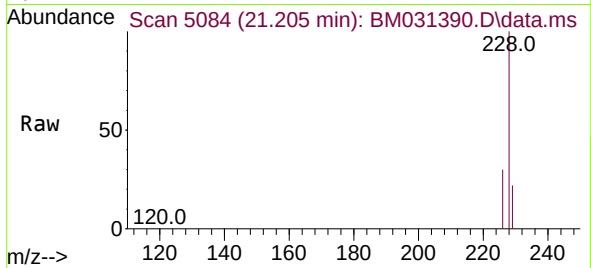


Tgt Ion:228 Resp: 44656
Ion Ratio Lower Upper
228 100
229 26.6 15.6 23.4#
226 28.6 21.7 32.5

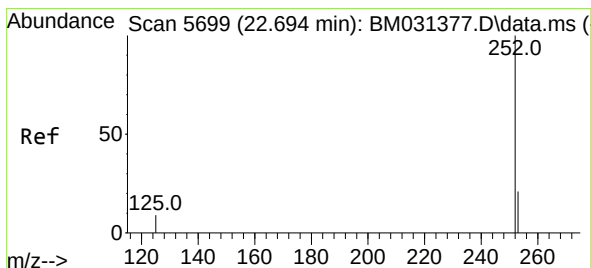
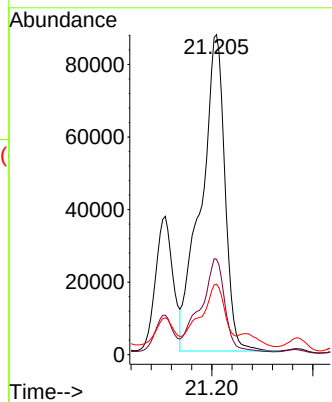
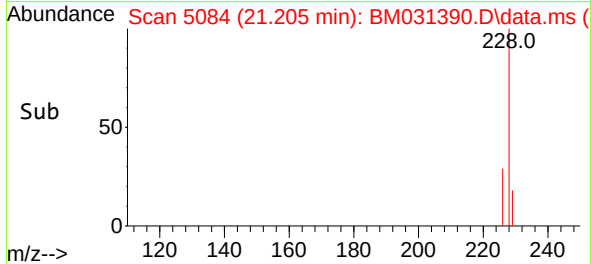




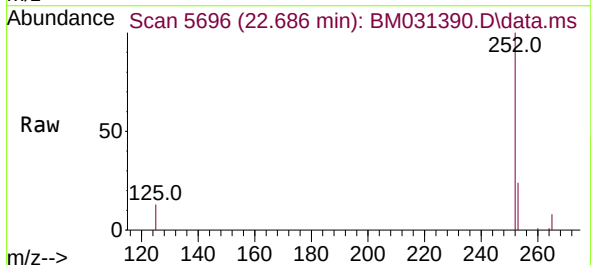
#22
Chrysene
Concen: 5.98 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.005 min
Lab File: BM031390.D
Acq: 03 Aug 2021 00:06



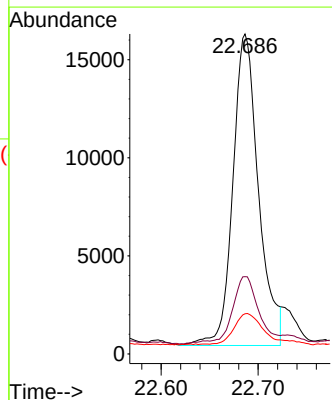
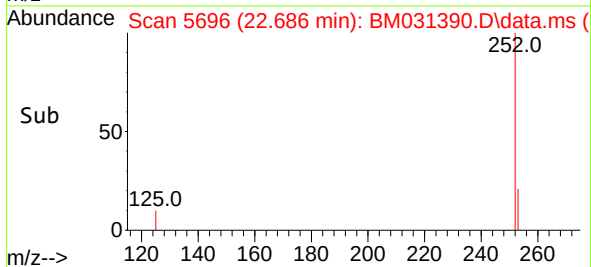
Tgt Ion:228 Resp: 143193
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 22.1 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 1.18 ng/ul m
RT: 22.686 min Scan# 5696
Delta R.T. -0.005 min
Lab File: BM031390.D
Acq: 03 Aug 2021 00:06



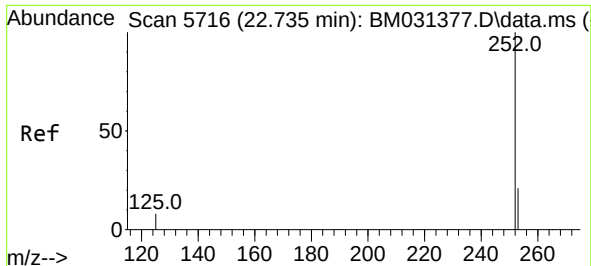
Tgt Ion:252 Resp: 29236
Ion Ratio Lower Upper
252 100
253 24.2 0.0 53.0
125 12.5 0.0 22.8



Instrument :
BNA_M
ClientSampled :
C0067

Manual Integrations
APPROVED

mohammad
8/3/2021 11:51:01 AM



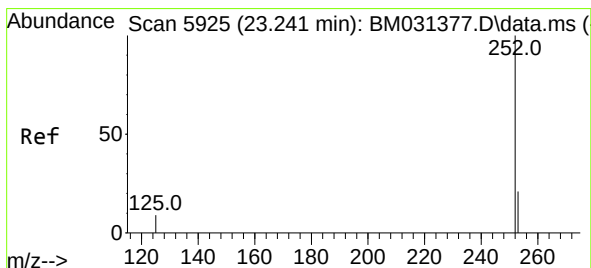
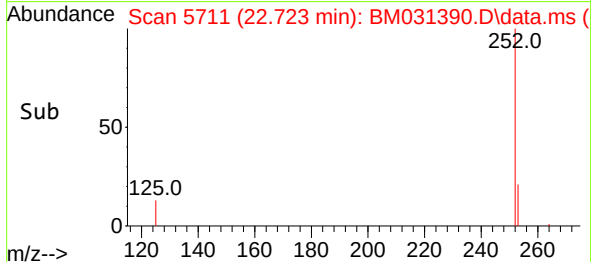
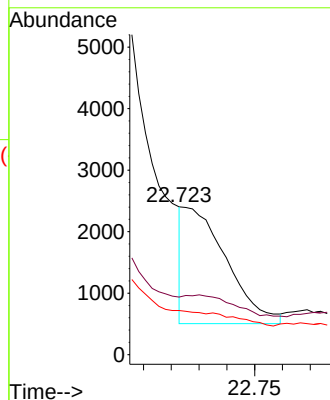
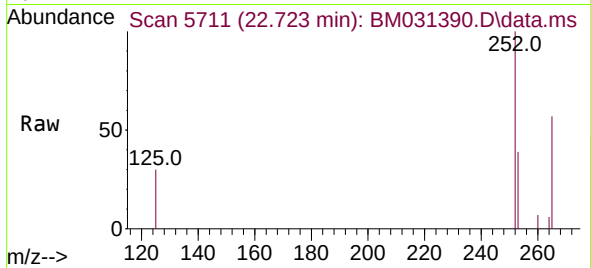
#25
Benzo(k)fluoranthene
Concen: 0.08 ng/ul m
RT: 22.723 min Scan# 5711
Delta R.T. -0.012 min
Lab File: BM031390.D
Acq: 03 Aug 2021 00:06

Tgt Ion:252 Resp: 2028
Ion Ratio Lower Upper
252 100
253 39.0 21.3 31.9#
125 29.8 8.8 13.2#

Instrument :
BNA_M
ClientSampled :
C0067

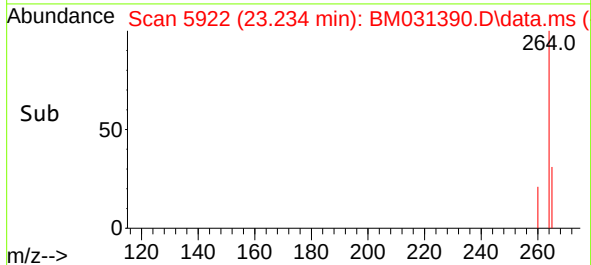
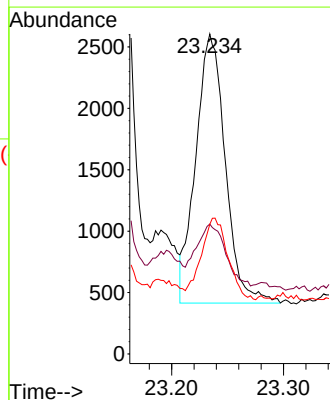
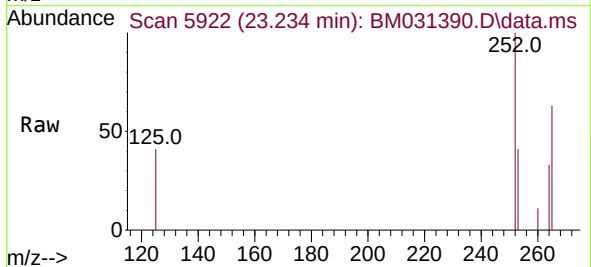
Manual Integrations
APPROVED

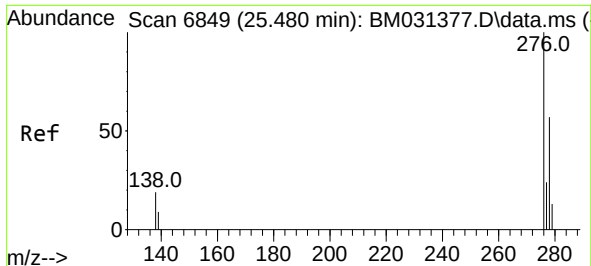
mohammad
8/3/2021 11:51:01 AM



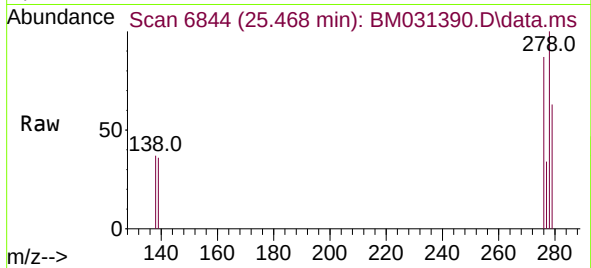
#26
Benzo(a)pyrene
Concen: 0.19 ng/ul
RT: 23.234 min Scan# 5922
Delta R.T. -0.010 min
Lab File: BM031390.D
Acq: 03 Aug 2021 00:06

Tgt Ion:252 Resp: 4025
Ion Ratio Lower Upper
252 100
253 40.6 22.4 33.6#
125 40.5 13.0 19.4#

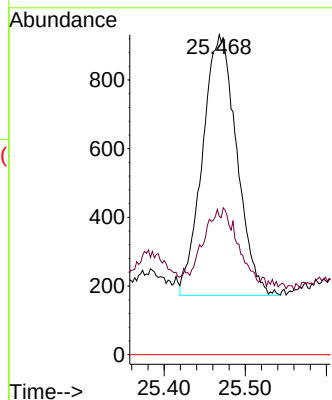




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.08 ng/ul
 RT: 25.468 min Scan# 6844
 Delta R.T. -0.012 min
 Lab File: BM031390.D
 Acq: 03 Aug 2021 00:06



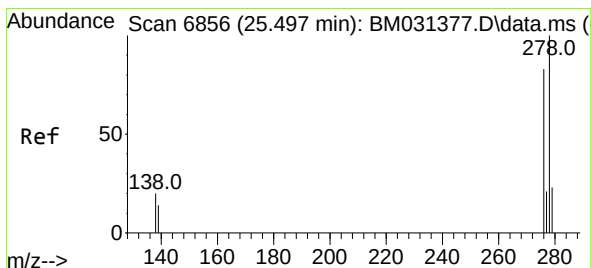
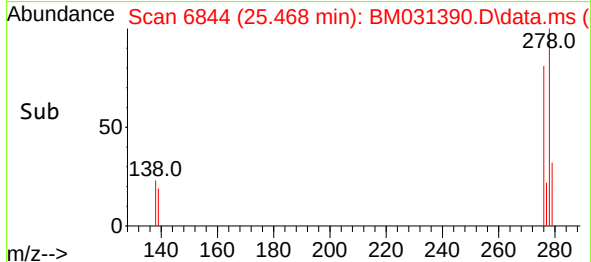
Tgt Ion:276 Resp: 2228
 Ion Ratio Lower Upper
 276 100
 138 29.4 15.8 23.8#
 227 0.0 0.0 0.0



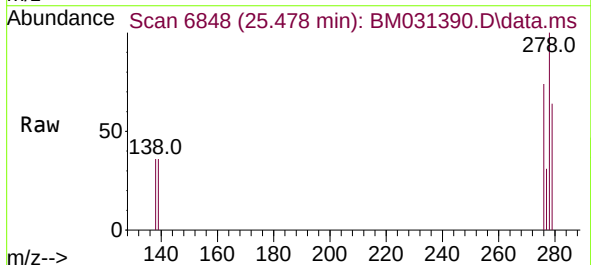
Instrument :
 BNA_M
 ClientSampled :
 C0067

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:51:01 AM



#28
 Dibenzo(a,h)anthracene
 Concen: 0.15 ng/ul
 RT: 25.478 min Scan# 6848
 Delta R.T. -0.015 min
 Lab File: BM031390.D
 Acq: 03 Aug 2021 00:06



Tgt Ion:278 Resp: 3349
 Ion Ratio Lower Upper
 278 100
 139 36.0 13.3 19.9#
 279 63.6 22.8 34.2#

