

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030598.D
 Acq On : 25 Jun 2021 12:55
 Operator : CG/JU
 Sample : M2662-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF5

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:11:14 PM

Quant Time: Jun 25 13:38:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 12:45:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	4166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	16968	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	13206	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.165	188	20072	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.338	240	13119m	0.400	ng/ul	0.00
23) Perylene-d12	23.588	264	19839m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	14842	3.330	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.169	152	6486	0.239	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	6632m	0.165	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.630	128	340423	6.744	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	60317	1.771	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	36739	1.110	ng/ul	100
10) Acenaphthylene	14.144	152	816048	13.204	ng/ul	99
11) Acenaphthene	14.485	153	476394	9.462	ng/ul	99
12) Fluorene	15.471	166	1416816	25.411	ng/ul	99
15) Phenanthrene	17.221	178	14502904m	202.927	ng/ul	
16) Anthracene	17.304	178	8341239	133.221	ng/ul#	93
19) Fluoranthene	19.233	202	16549429	274.398	ng/ul#	85
20) Pyrene	19.588	202	8797022	142.375	ng/ul#	93
21) Benzo(a)anthracene	21.323	228	7307251	140.218	ng/ul#	84
22) Chrysene	21.376	228	5687452	98.307	ng/ul#	90
24) Benzo(b)fluoranthene	22.924	252	6050452m	70.111	ng/ul	
25) Benzo(k)fluoranthene	22.960	252	2713413m	29.978	ng/ul	
26) Benzo(a)pyrene	23.496	252	1379785	18.017	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.885	276	1275313	13.096	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.887	278	808101	10.404	ng/ul	96
29) Benzo(g,h,i)perylene	26.580	276	21277	0.253	ng/ul#	64

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

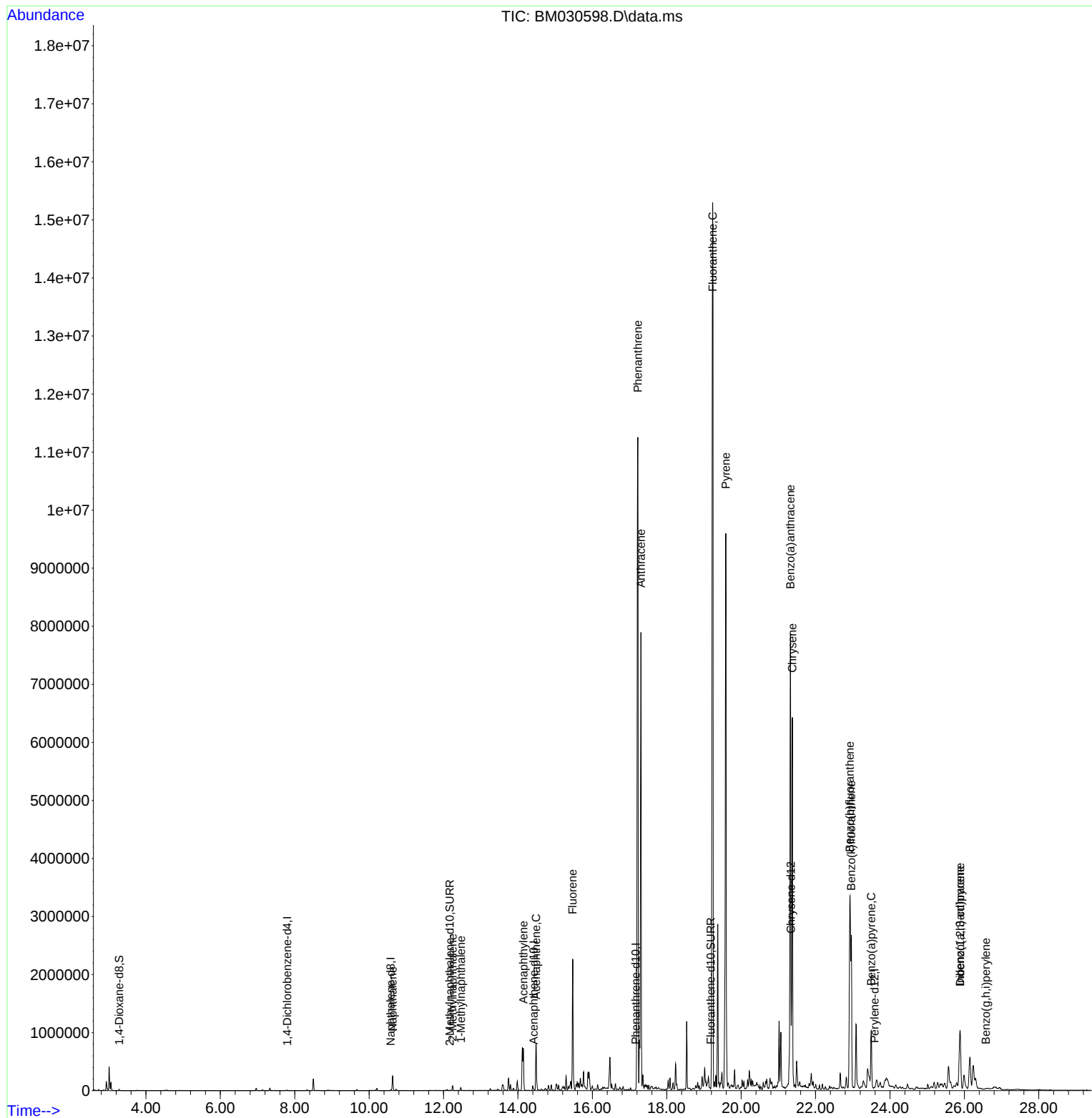
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030598.D
Acq On : 25 Jun 2021 12:55
Operator : CG/JU
Sample : M2662-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

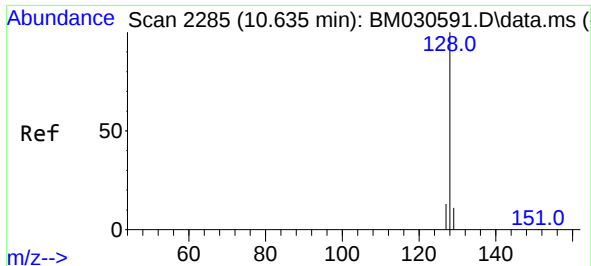
Instrument :
BNA_M
ClientSampleId :
BGDF5

Manual Integrations
APPROVED

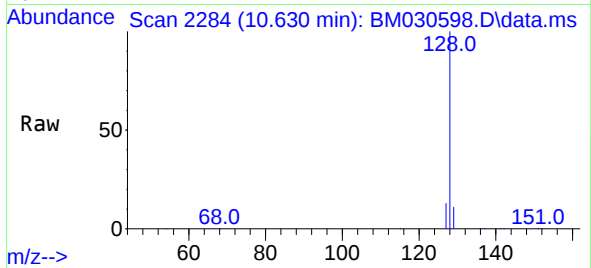
mohammad
6/28/2021 1:11:14 PM

Quant Time: Jun 25 13:38:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 12:45:36 2021
Response via : Initial Calibration

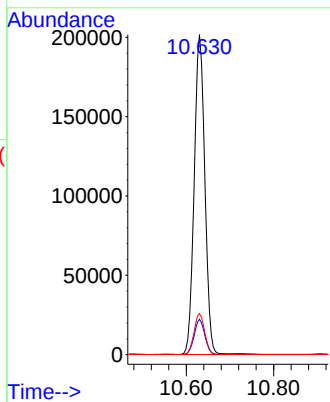
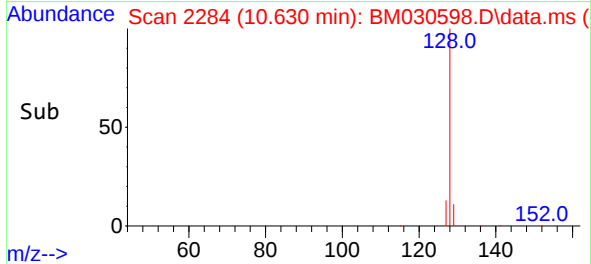




#5
Naphthalene
Concen: 6.744 ng/ul
RT: 10.630 min Scan# 2284
Delta R.T. -0.005 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55



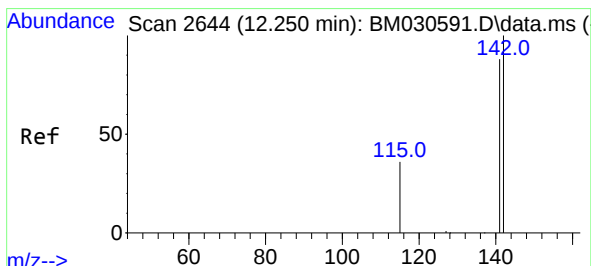
Tgt Ion:128 Resp: 340423
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.8 10.9 16.3



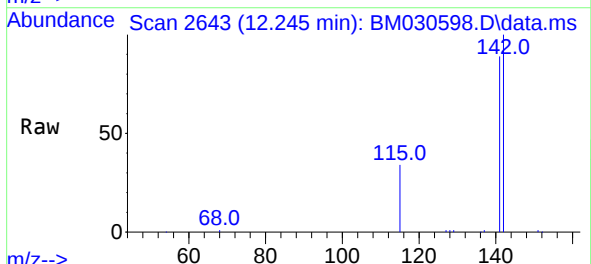
Instrument :
BNA_M
ClientSampled :
BGDF5

Manual Integrations
APPROVED

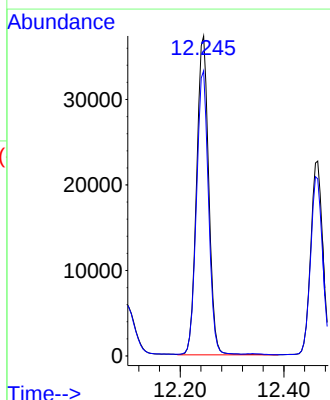
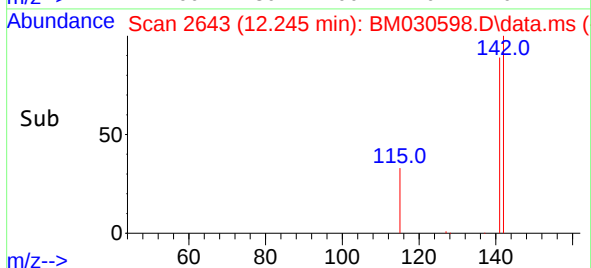
mohammad
6/28/2021 1:11:14 PM

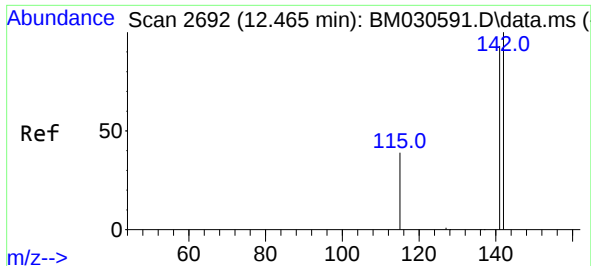


#7
2-Methylnaphthalene
Concen: 1.771 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.005 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55



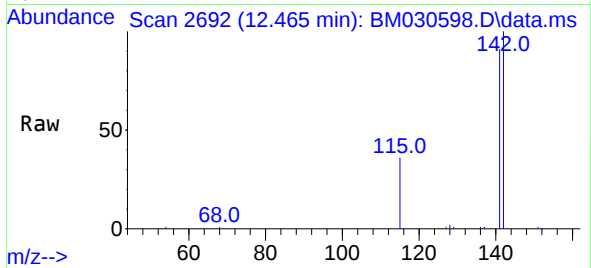
Tgt Ion:142 Resp: 60317
Ion Ratio Lower Upper
142 100
141 87.9 71.4 107.0



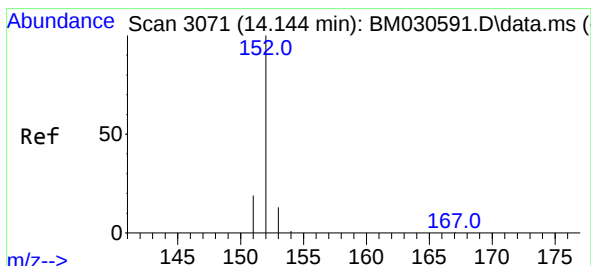
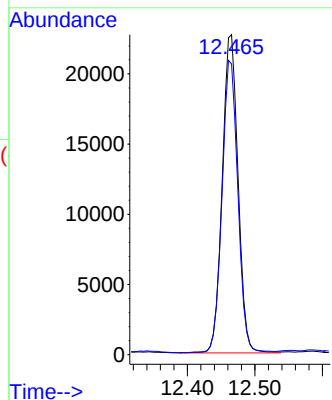
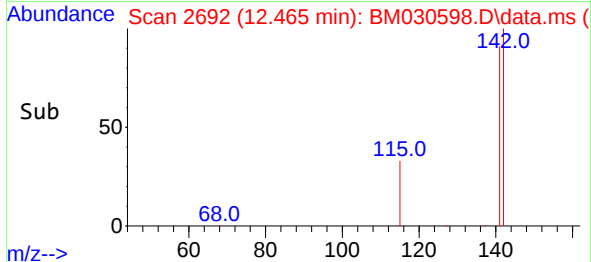


#8
1-Methylnaphthalene
Concen: 1.110 ng/ul
RT: 12.465 min Scan# 2692
Delta R.T. -0.000 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55

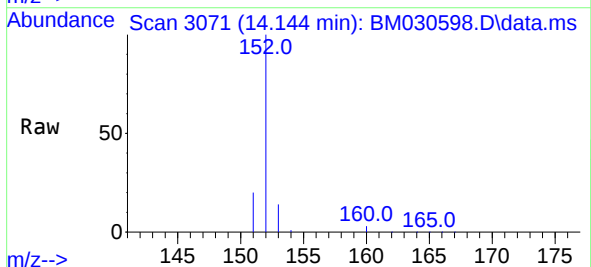
Instrument :
BNA_M
ClientSampled :
BGDF5



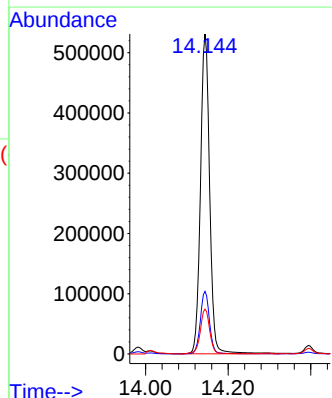
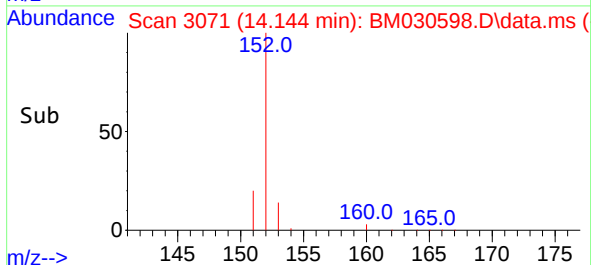
Tgt Ion:142 Resp: 36739
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.0

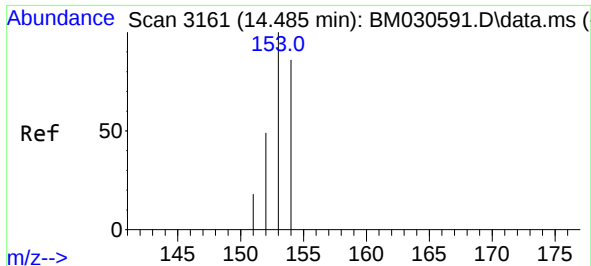


#10
Acenaphthylene
Concen: 13.204 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55



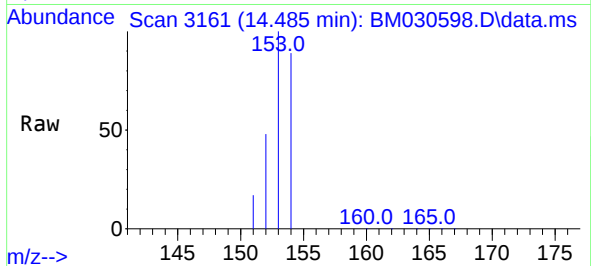
Tgt Ion:152 Resp: 816048
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 14.0 10.7 16.1



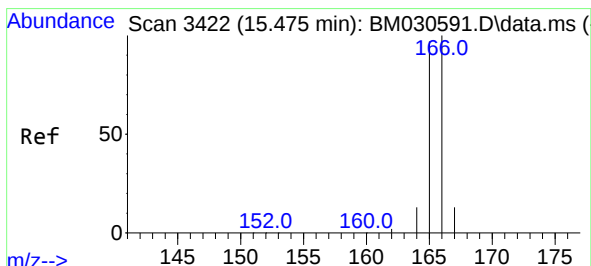
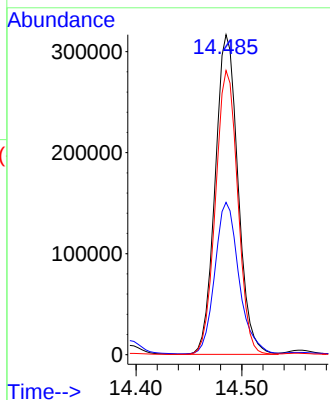
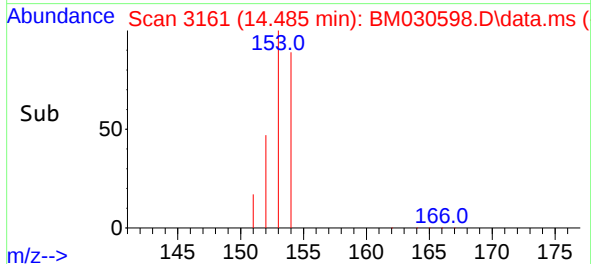


#11
Acenaphthene
Concen: 9.462 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55

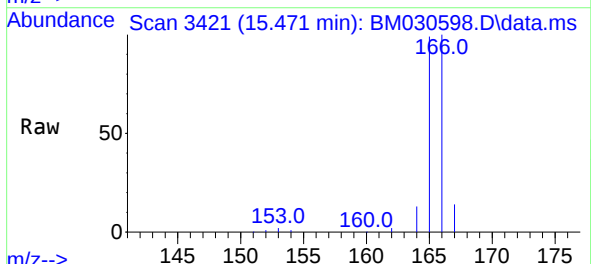
Instrument :
BNA_M
ClientSampled :
BGDF5



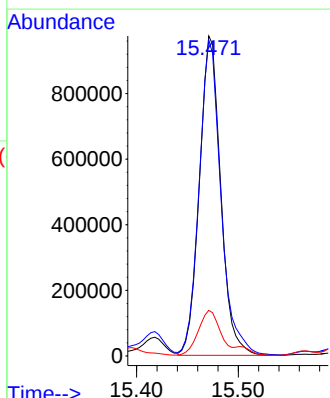
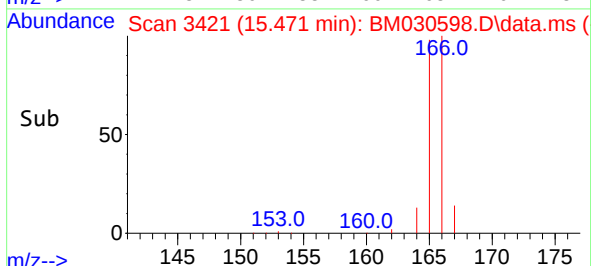
Tgt Ion:153 Resp: 476394
Ion Ratio Lower Upper
153 100
152 47.6 40.2 60.2
154 88.8 71.2 106.8

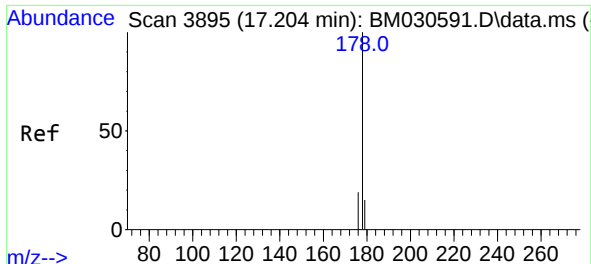


#12
Fluorene
Concen: 25.411 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55

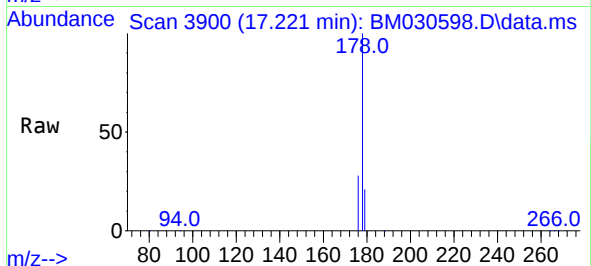


Tgt Ion:166 Resp: 1416816
Ion Ratio Lower Upper
166 100
165 98.6 77.7 116.5
167 14.3 11.3 16.9

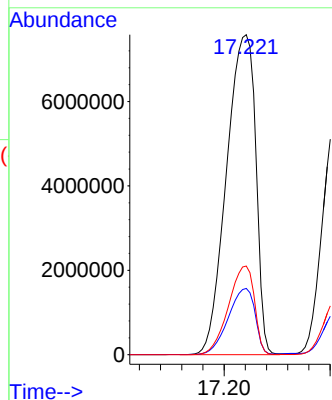




#15
Phenanthrene
Concen: 202.927 ng/ul m
RT: 17.221 min Scan# 3900
Delta R.T. 0.017 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55



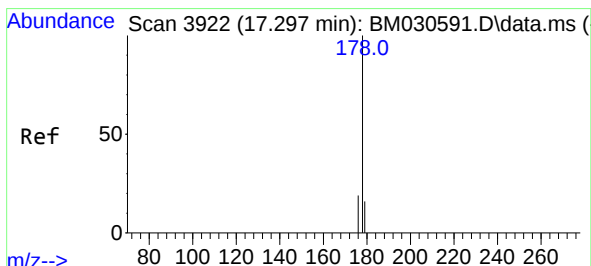
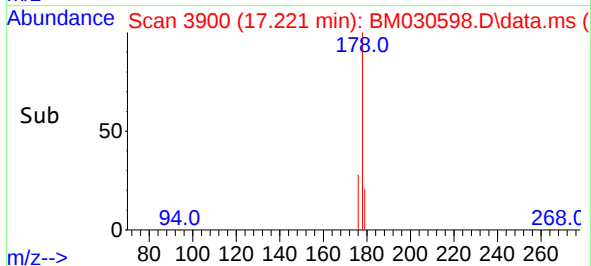
Tgt Ion:178 Resp:14502904
Ion Ratio Lower Upper
178 100
179 20.7 12.6 19.0#
176 27.7 15.5 23.3#



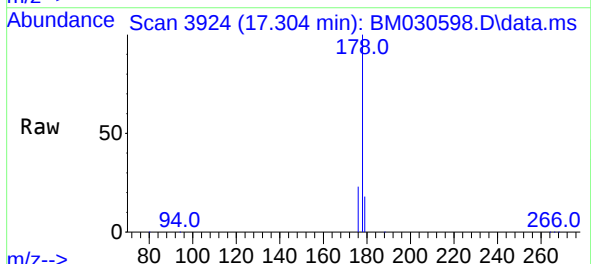
Instrument :
BNA_M
ClientSampled :
BGDF5

Manual Integrations
APPROVED

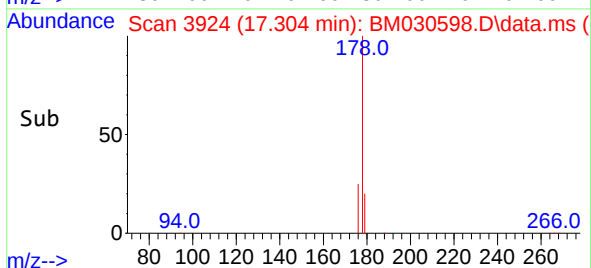
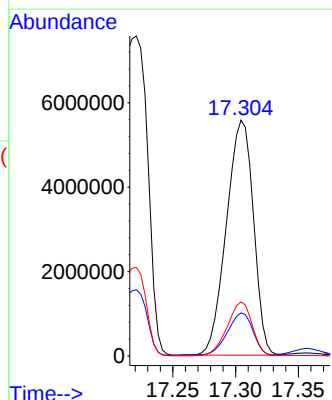
mohammad
6/28/2021 1:11:14 PM

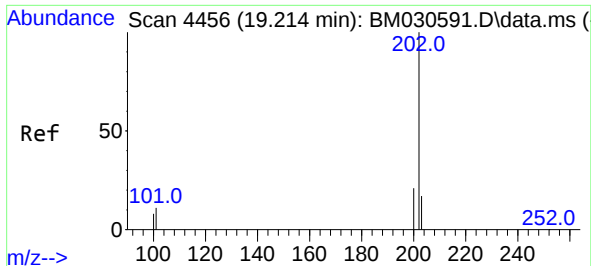


#16
Anthracene
Concen: 133.221 ng/ul
RT: 17.304 min Scan# 3924
Delta R.T. 0.007 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55

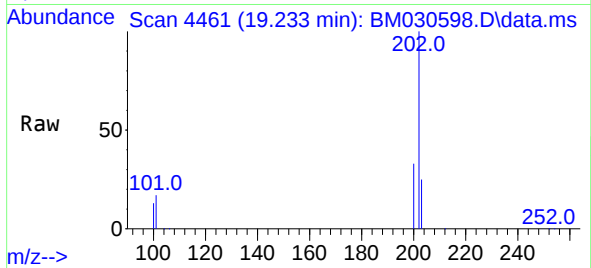


Tgt Ion:178 Resp: 8341239
Ion Ratio Lower Upper
178 100
179 18.2 12.7 19.1
176 23.0 15.2 22.8#

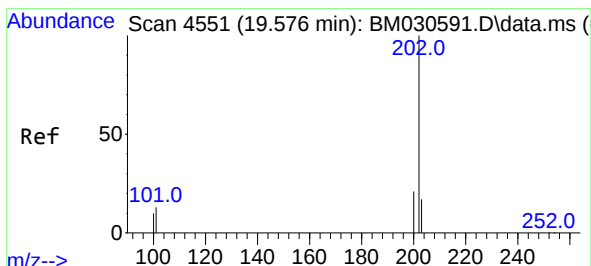
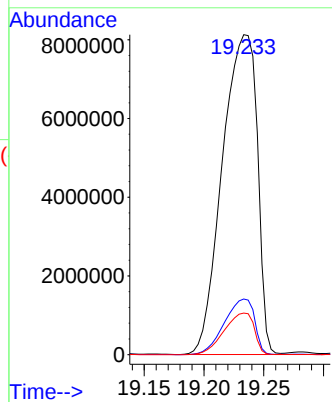
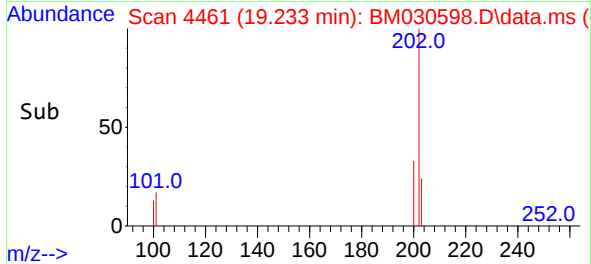




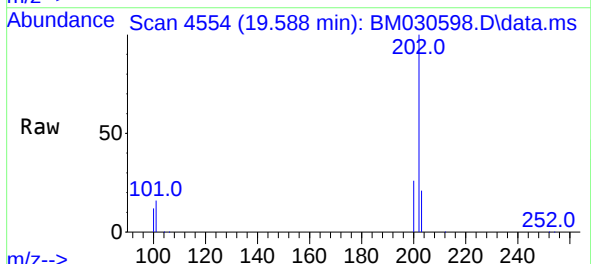
#19
Fluoranthene
Concen: 274.398 ng/u1
RT: 19.233 min Scan# 4461
Delta R.T. 0.019 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55



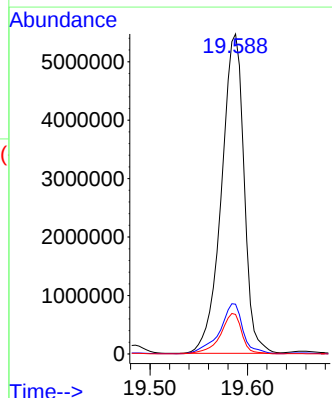
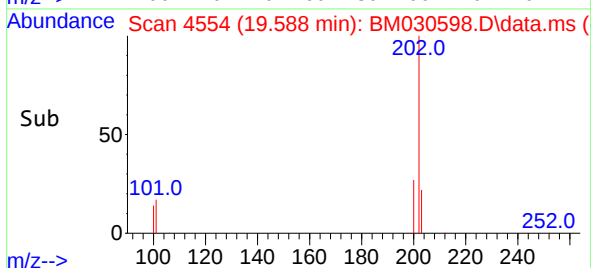
Tgt Ion:202 Resp:16549429
Ion Ratio Lower Upper
202 100
101 17.4 8.8 13.2#
100 13.0 6.9 10.3#



#20
Pyrene
Concen: 142.375 ng/u1
RT: 19.588 min Scan# 4554
Delta R.T. 0.011 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55



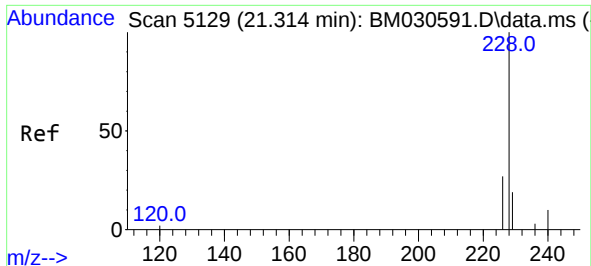
Tgt Ion:202 Resp: 8797022
Ion Ratio Lower Upper
202 100
101 15.5 10.1 15.1#
100 12.3 8.2 12.2#



Instrument :
BNA_M
ClientSampled :
BGDF5

Manual Integrations
APPROVED

mohammad
6/28/2021 1:11:14 PM



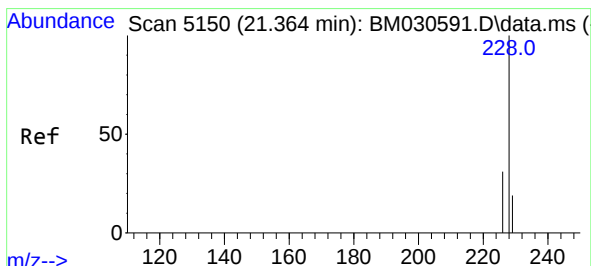
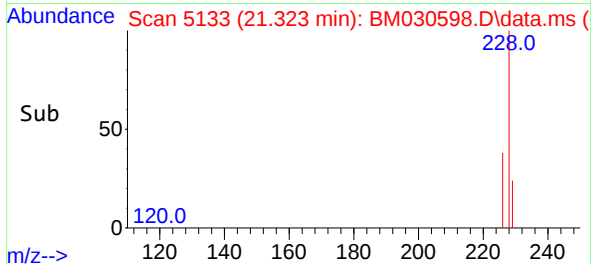
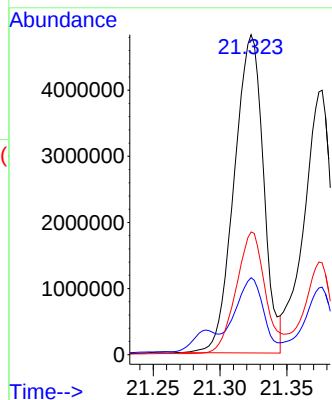
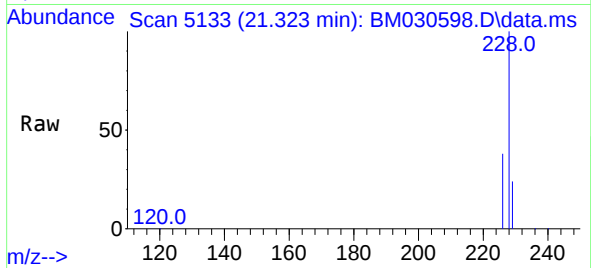
#21
Benzo(a)anthracene
Concen: 140.218 ng/ul
RT: 21.323 min Scan# 5133
Delta R.T. 0.010 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55

Tgt Ion:228 Resp: 7307251
Ion Ratio Lower Upper
228 100
229 24.0 15.8 23.6#
226 38.4 22.2 33.4#

Instrument :
BNA_M
ClientSampled :
BGDF5

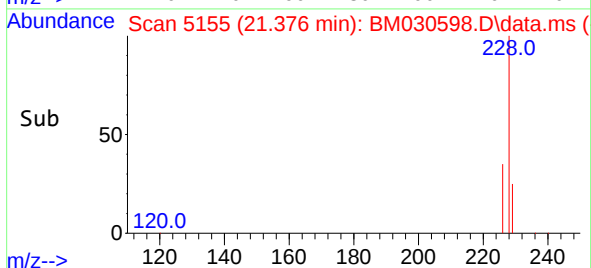
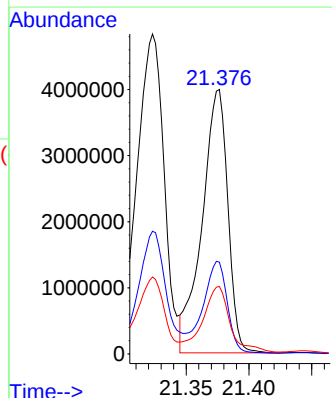
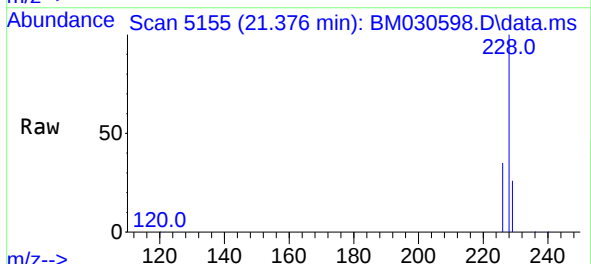
Manual Integrations
APPROVED

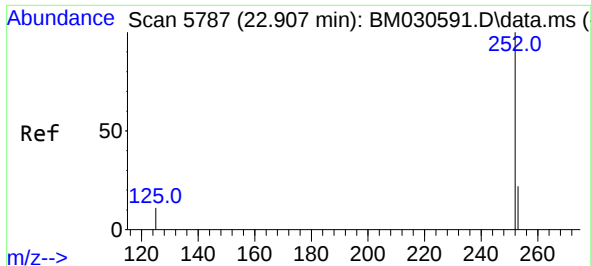
mohammad
6/28/2021 1:11:14 PM



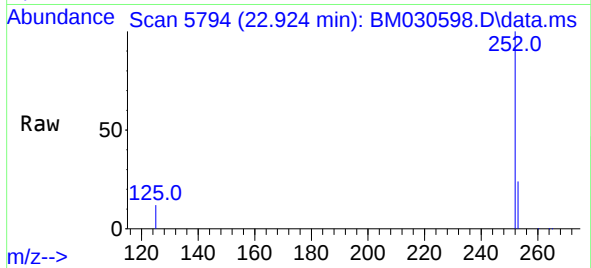
#22
Chrysene
Concen: 98.307 ng/ul
RT: 21.376 min Scan# 5155
Delta R.T. 0.012 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55

Tgt Ion:228 Resp: 5687452
Ion Ratio Lower Upper
228 100
226 34.7 24.4 36.6
229 25.5 15.4 23.0#

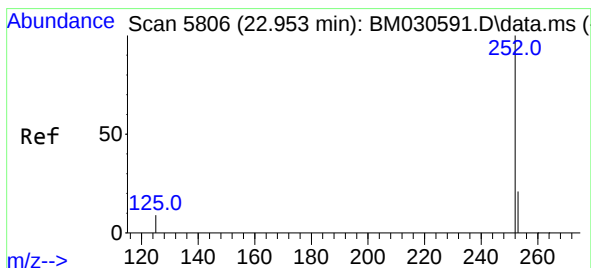
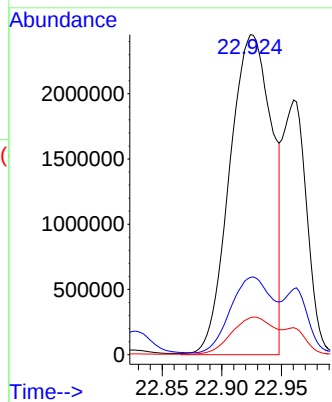
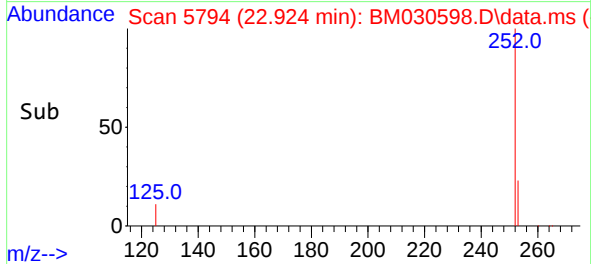




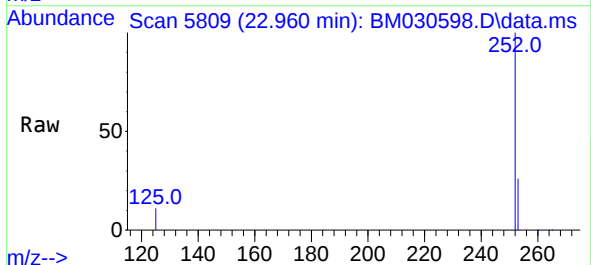
#24
Benzo(b)fluoranthene
Concen: 70.111 ng/ul m
RT: 22.924 min Scan# 5794
Delta R.T. 0.017 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55



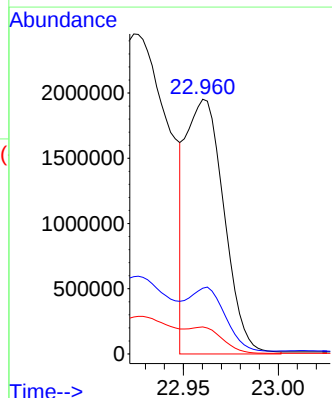
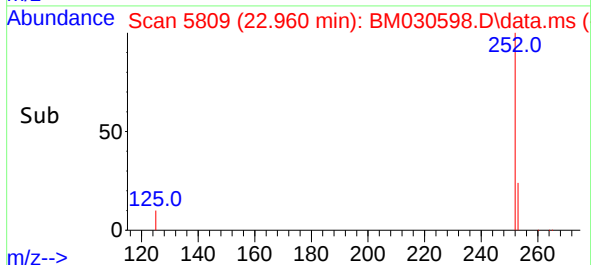
Tgt Ion:252 Resp: 6050452
Ion Ratio Lower Upper
252 100
253 24.1 0.0 50.2
125 11.5 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 29.978 ng/ul m
RT: 22.960 min Scan# 5809
Delta R.T. 0.007 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55



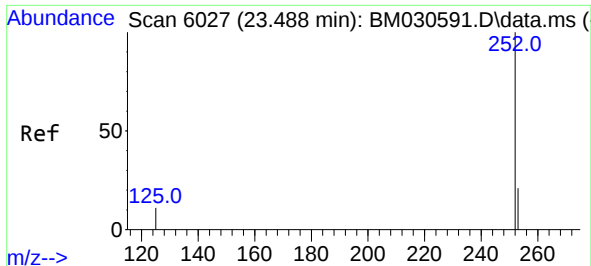
Tgt Ion:252 Resp: 2713413
Ion Ratio Lower Upper
252 100
253 25.9 20.6 31.0
125 10.6 11.0 16.4#



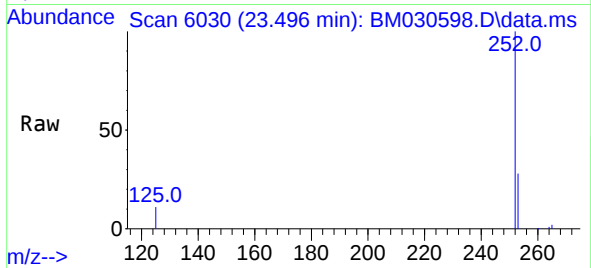
Instrument :
BNA_M
ClientSampled :
BGDF5

Manual Integrations
APPROVED

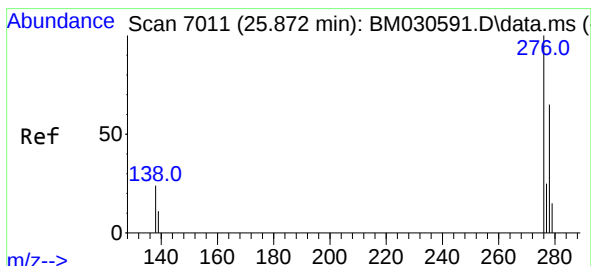
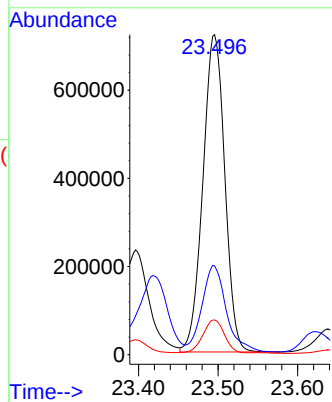
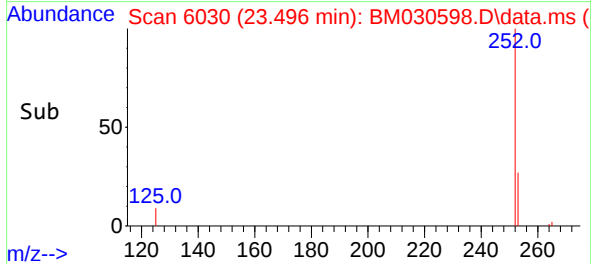
mohammad
6/28/2021 1:11:14 PM



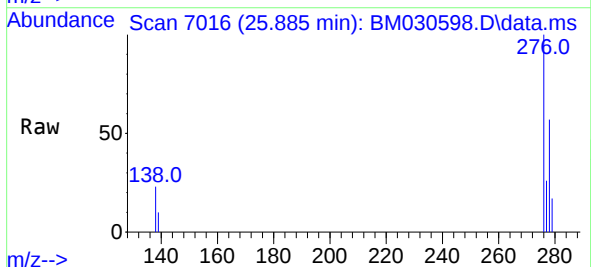
#26
Benzo(a)pyrene
Concen: 18.017 ng/ul
RT: 23.496 min Scan# 6030
Delta R.T. 0.007 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55



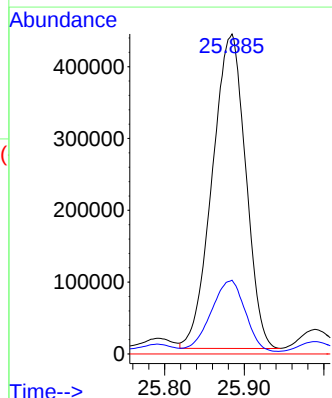
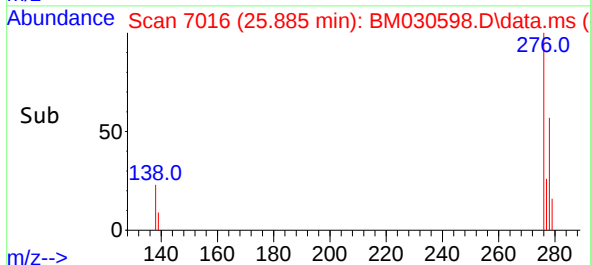
Tgt Ion:252 Resp: 1379785
Ion Ratio Lower Upper
252 100
253 27.7 22.0 33.0
125 10.9 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 13.096 ng/ul
RT: 25.885 min Scan# 7016
Delta R.T. 0.012 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55



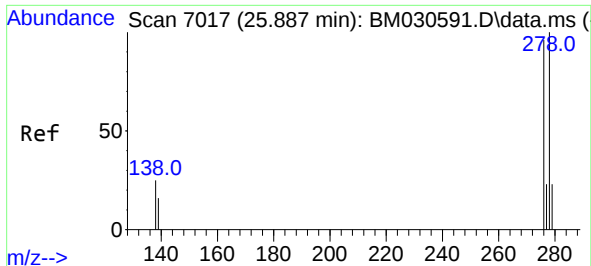
Tgt Ion:276 Resp: 1275313
Ion Ratio Lower Upper
276 100
138 23.0 19.1 28.7
227 0.0 0.0 0.0



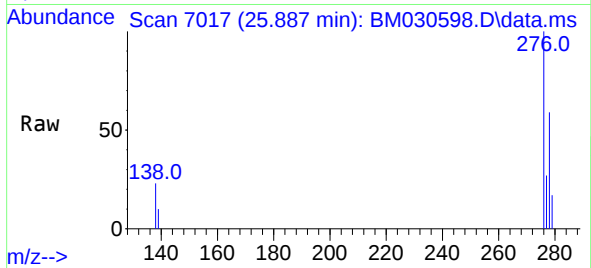
Instrument :
BNA_M
ClientSampleId :
BGDF5

Manual Integrations
APPROVED

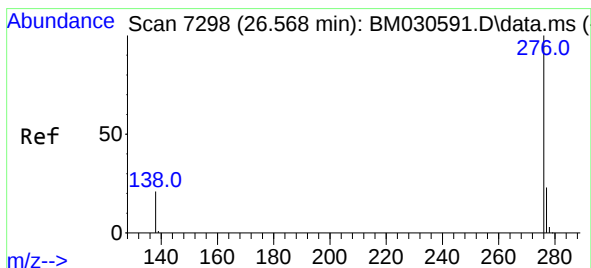
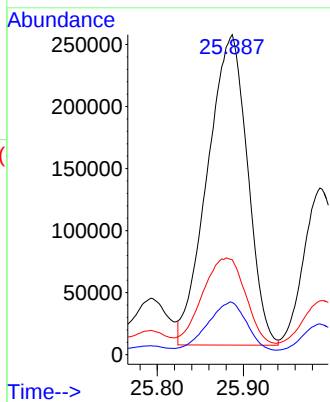
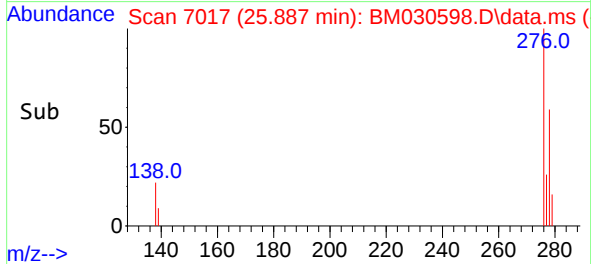
mohammad
6/28/2021 1:11:14 PM



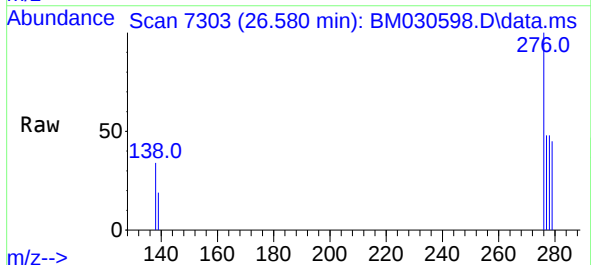
#28
Dibenzo(a,h)anthracene
Concen: 10.404 ng/ul
RT: 25.887 min Scan# 7017
Delta R.T. -0.000 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55



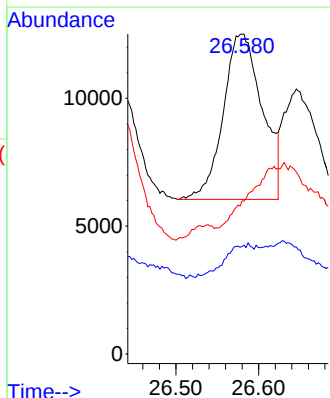
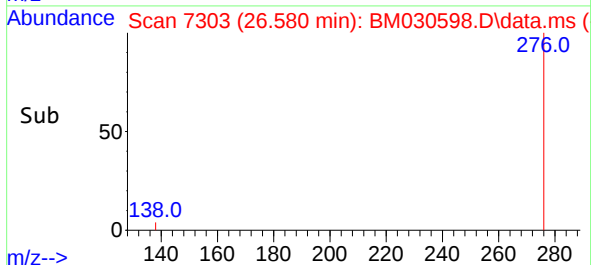
Tgt Ion:278 Resp: 808101
Ion Ratio Lower Upper
278 100
139 16.3 14.2 21.4
279 29.7 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.253 ng/ul
RT: 26.580 min Scan# 7303
Delta R.T. 0.012 min
Lab File: BM030598.D
Acq: 25 Jun 2021 12:55



Tgt Ion:276 Resp: 21277
Ion Ratio Lower Upper
276 100
138 33.6 18.0 27.0#
277 47.8 19.5 29.3#



Instrument :
BNA_M
ClientSampled :
BGDF5

Manual Integrations
APPROVED

mohammad
6/28/2021 1:11:14 PM