

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030607.D
 Acq On : 25 Jun 2021 18:26
 Operator : CG/JU
 Sample : M2662-11DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BGDF5DL

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:21:17 PM

Quant Time: Jun 25 18:56:20 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	7.794	152	4823	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	19511	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	13129	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	20973	0.400	ng/ul	0.00
17) Chrysene-d12	21.331	240	13707m	0.400	ng/ul	0.00
23) Perylene-d12	23.585	264	18807	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	7826	1.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.169	152	3452	0.111	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	3073	0.073	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.630	128	181153	3.121	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	31627	0.808	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	19252	0.506	ng/ul	99
10) Acenaphthylene	14.144	152	384338	6.255	ng/ul	99
11) Acenaphthene	14.485	153	248102	4.957	ng/ul	98
12) Fluorene	15.471	166	722111	13.027	ng/ul	100
15) Phenanthrene	17.211	178	8534518m	114.286	ng/ul	
16) Anthracene	17.301	178	4444419	67.934	ng/ul	98
19) Fluoranthene	19.226	202	9965559	158.146	ng/ul#	93
20) Pyrene	19.580	202	4499597	69.700	ng/ul	99
21) Benzo(a)anthracene	21.316	228	4006790	73.588	ng/ul#	91
22) Chrysene	21.369	228	3066952m	50.738	ng/ul	
24) Benzo(b)fluoranthene	22.914	252	3387495m	41.407	ng/ul	
25) Benzo(k)fluoranthene	22.953	252	1455004m	16.957	ng/ul	
26) Benzo(a)pyrene	23.488	252	757741	10.437	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.870	276	707020	7.659	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.880	278	432650	5.876	ng/ul	95

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

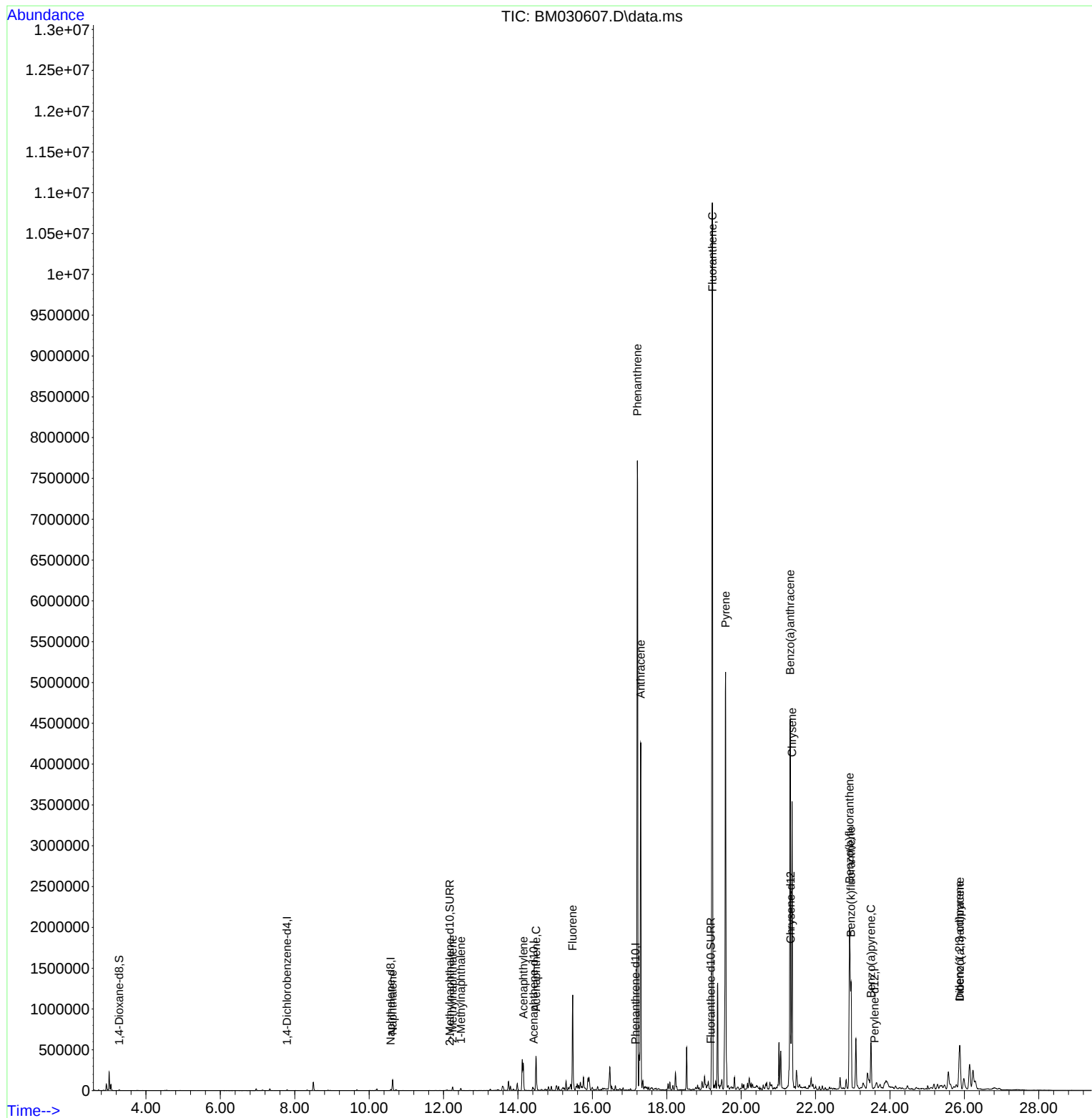
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030607.D
Acq On : 25 Jun 2021 18:26
Operator : CG/JU
Sample : M2662-11DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

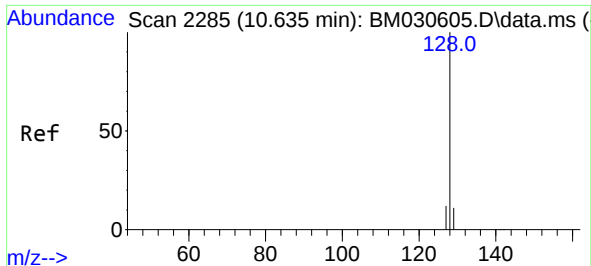
Instrument :
BNA_M
ClientSampleId :
BGDF5DL

Manual Integrations
APPROVED

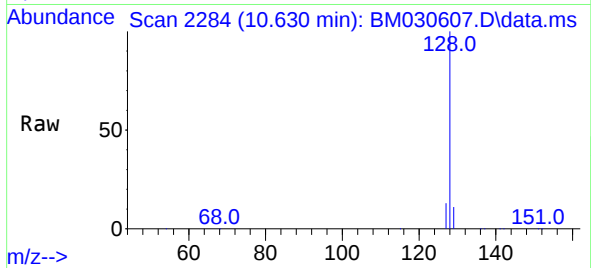
mohammad
6/28/2021 1:21:17 PM

Quant Time: Jun 25 18:56:20 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

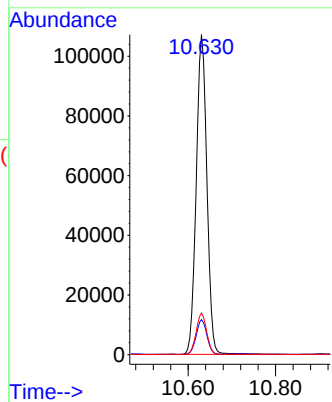
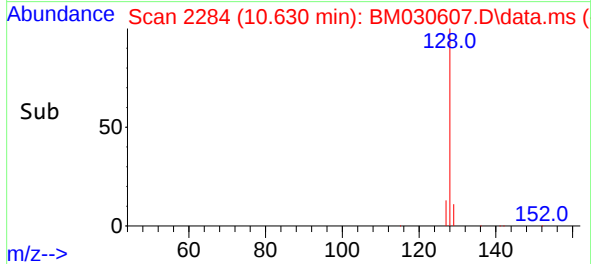




#5
Naphthalene
Concen: 3.121 ng/ul
RT: 10.630 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26



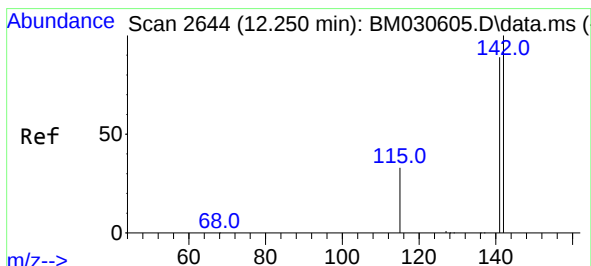
Tgt Ion:128 Resp: 181153
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.0 10.9 16.3



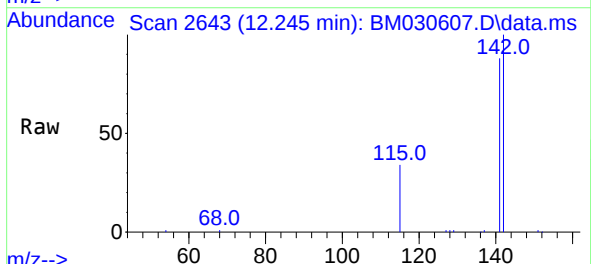
Instrument :
BNA_M
ClientSampleId :
BGDF5DL

Manual Integrations
APPROVED

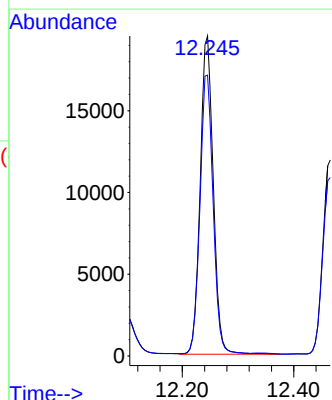
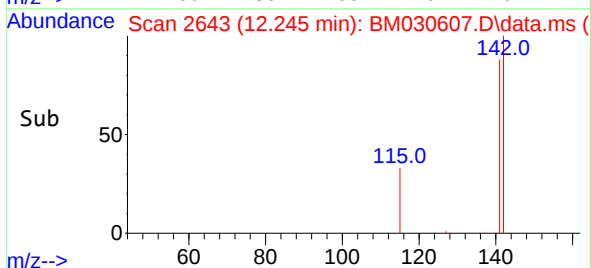
mohammad
6/28/2021 1:21:17 PM

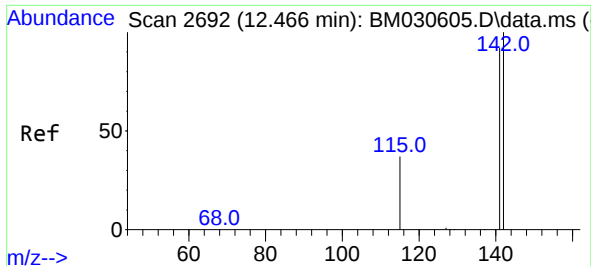


#7
2-Methylnaphthalene
Concen: 0.808 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26



Tgt Ion:142 Resp: 31627
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.0





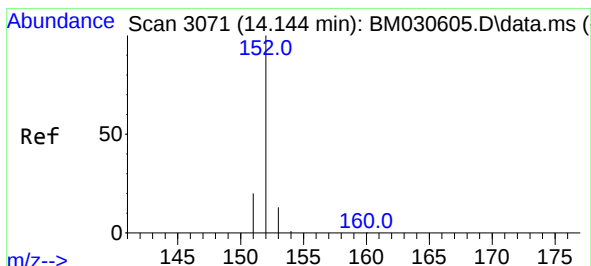
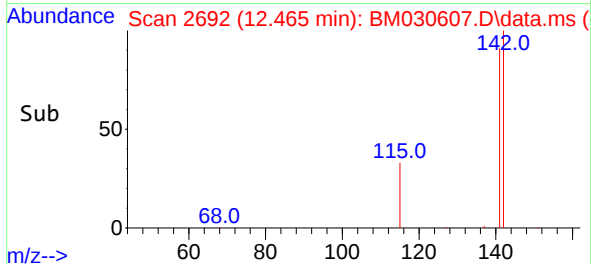
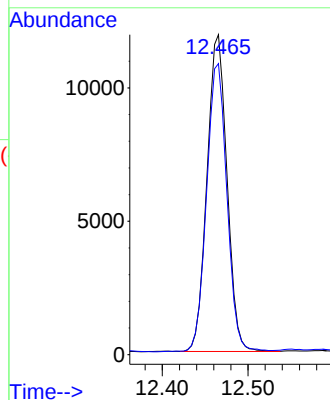
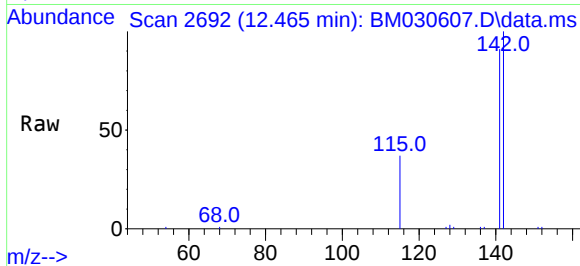
#8
1-Methylnaphthalene
Concen: 0.506 ng/ul
RT: 12.465 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26

Tgt Ion:142 Resp: 19252
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.0

Instrument :
BNA_M
ClientSampleId :
BGDF5DL

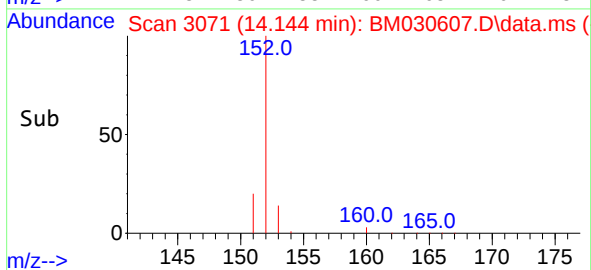
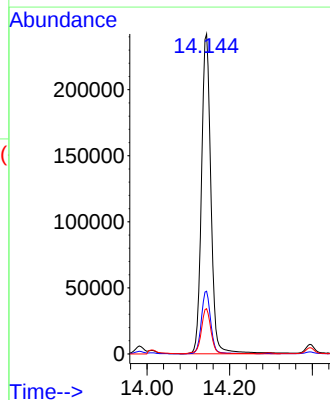
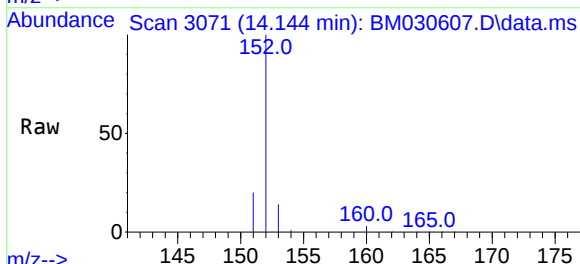
Manual Integrations
APPROVED

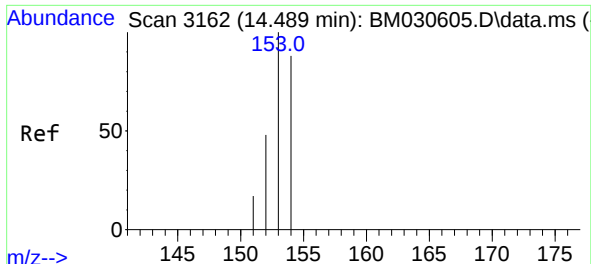
mohammad
6/28/2021 1:21:17 PM



#10
Acenaphthylene
Concen: 6.255 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26

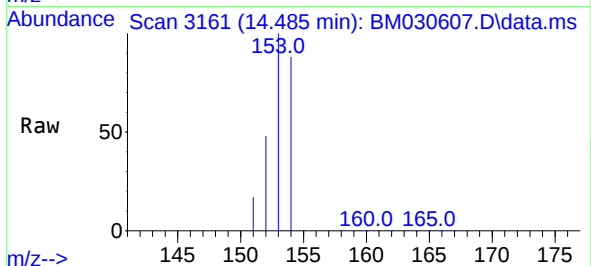
Tgt Ion:152 Resp: 384338
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 14.2 10.7 16.1





#11
Acenaphthene
Concen: 4.957 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26

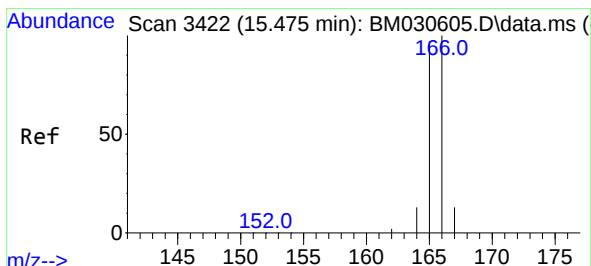
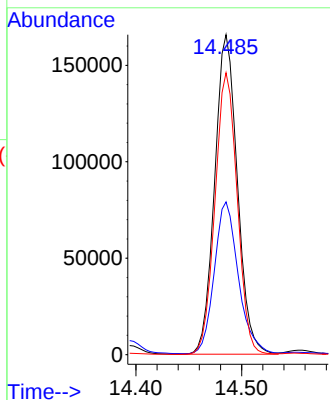
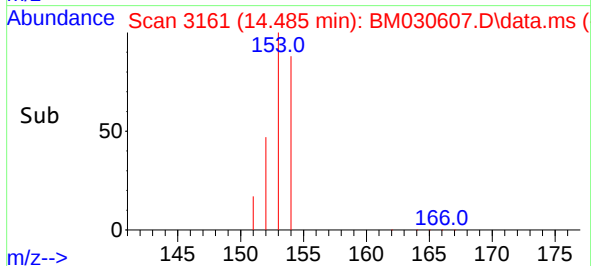
Instrument :
BNA_M
ClientSampled :
BGDF5DL



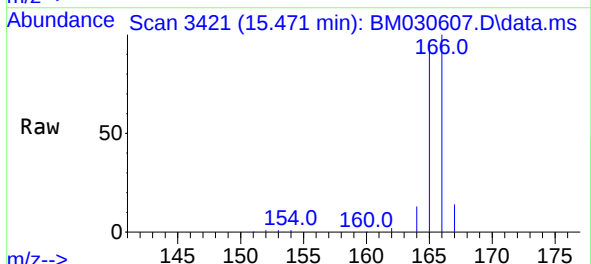
Tgt Ion:153 Resp: 248102
Ion Ratio Lower Upper
153 100
152 47.7 40.2 60.2
154 88.1 71.2 106.8

Manual Integrations
APPROVED

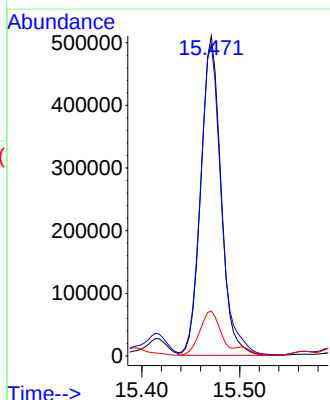
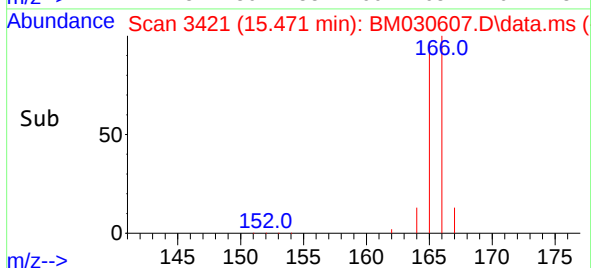
mohammad
6/28/2021 1:21:17 PM

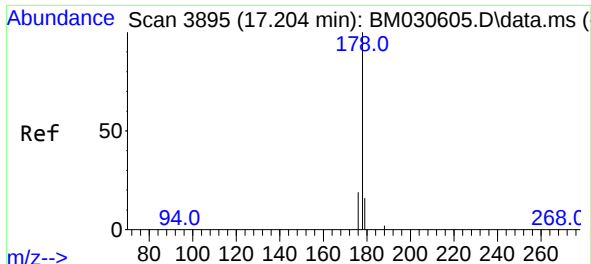


#12
Fluorene
Concen: 13.027 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26



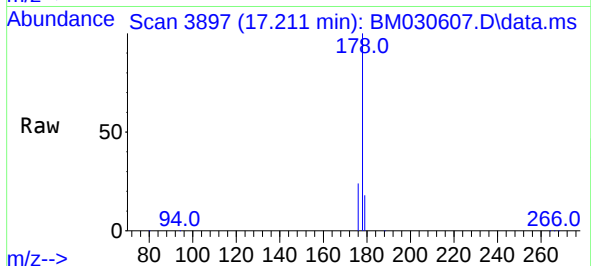
Tgt Ion:166 Resp: 722111
Ion Ratio Lower Upper
166 100
165 97.4 77.7 116.5
167 14.1 11.3 16.9





#15
Phenanthrene
Concen: 114.286 ng/ul m
RT: 17.211 min Scan# 3897
Delta R.T. 0.007 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26

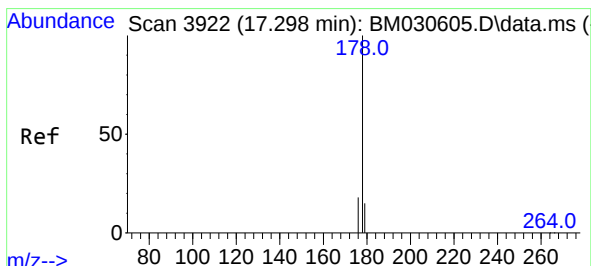
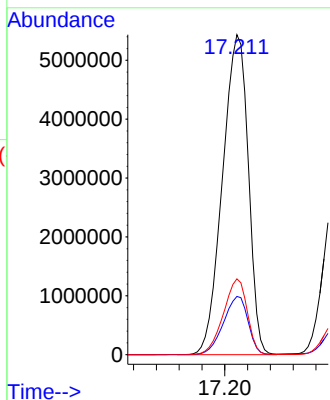
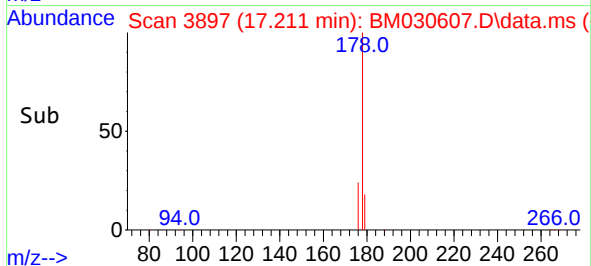
Instrument :
BNA_M
ClientSampled :
BGDF5DL



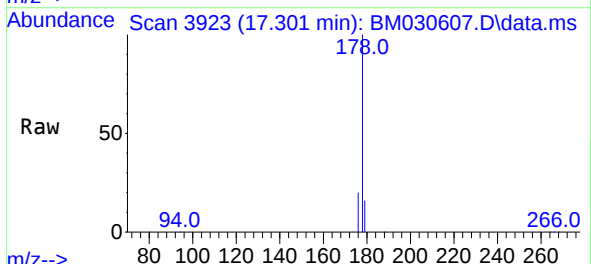
Tgt Ion:178 Resp: 8534518
Ion Ratio Lower Upper
178 100
179 18.2 12.6 19.0
176 23.7 15.5 23.3#

Manual Integrations
APPROVED

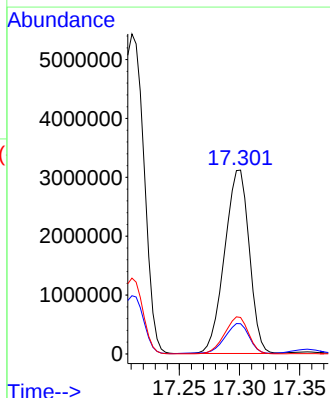
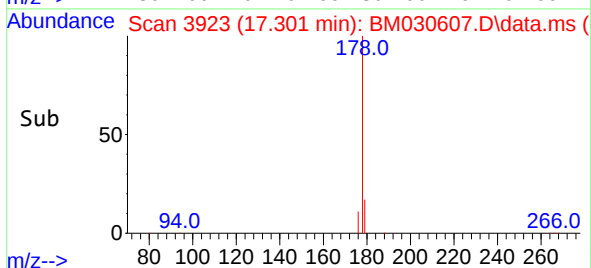
mohammad
6/28/2021 1:21:17 PM

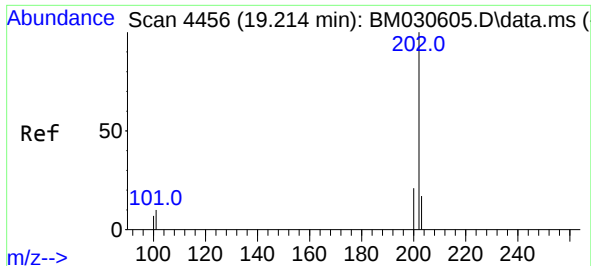


#16
Anthracene
Concen: 67.934 ng/ul
RT: 17.301 min Scan# 3923
Delta R.T. 0.004 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26

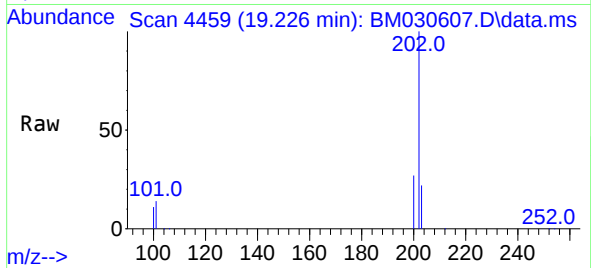


Tgt Ion:178 Resp: 4444419
Ion Ratio Lower Upper
178 100
179 16.5 12.7 19.1
176 19.8 15.2 22.8

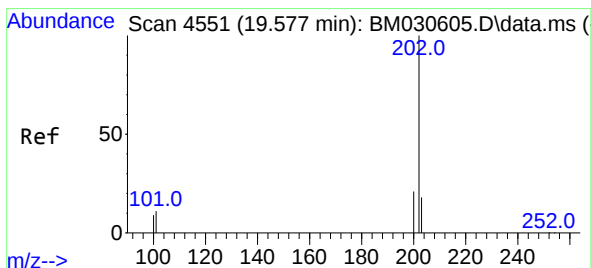
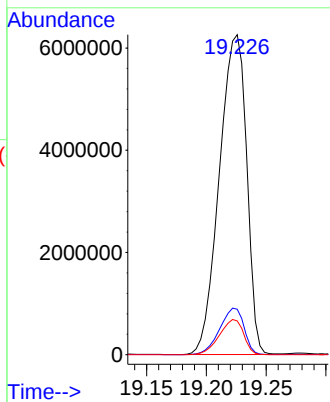
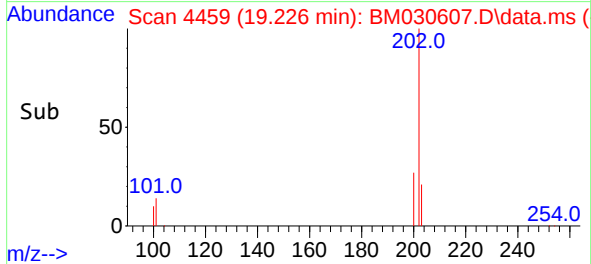




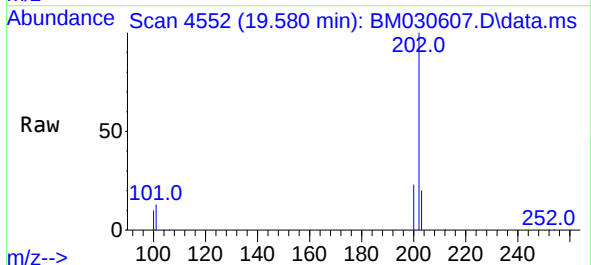
#19
Fluoranthene
Concen: 158.146 ng/u1
RT: 19.226 min Scan# 4459
Delta R.T. 0.011 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26



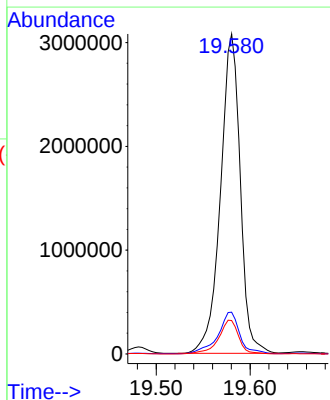
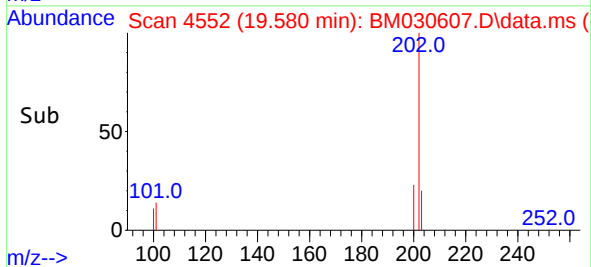
Tgt Ion:202 Resp: 9965559
Ion Ratio Lower Upper
202 100
101 14.2 8.8 13.2#
100 10.5 6.9 10.3#



#20
Pyrene
Concen: 69.700 ng/u1
RT: 19.580 min Scan# 4552
Delta R.T. 0.004 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26



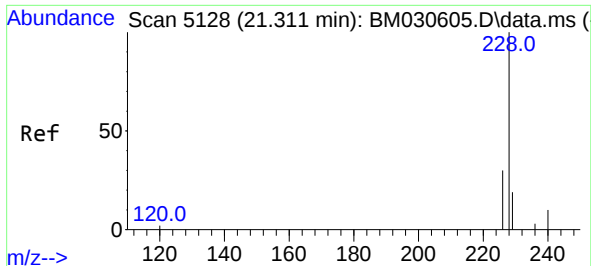
Tgt Ion:202 Resp: 4499597
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 10.5 8.2 12.2



Instrument :
BNA_M
ClientSampleId :
BGDF5DL

Manual Integrations
APPROVED

mohammad
6/28/2021 1:21:17 PM



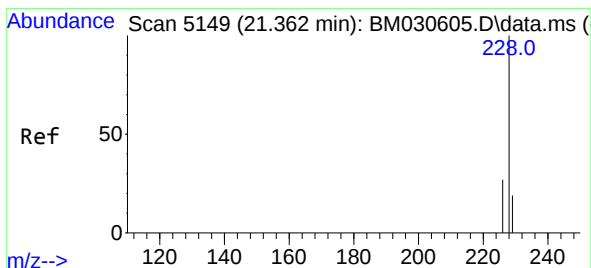
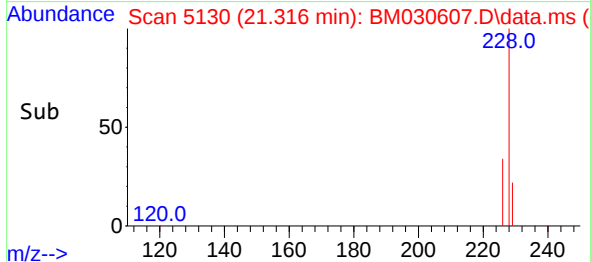
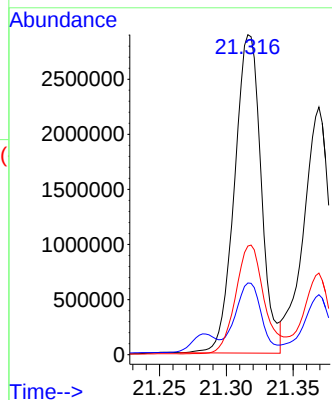
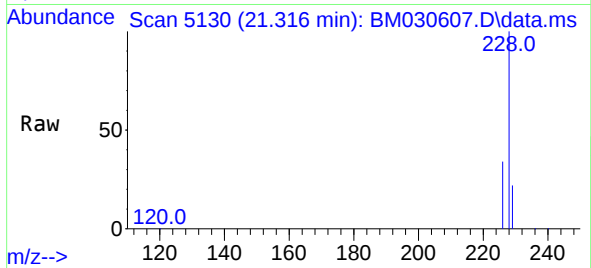
#21
Benzo(a)anthracene
Concen: 73.588 ng/ul
RT: 21.316 min Scan# 5130
Delta R.T. 0.002 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26

Tgt Ion:228 Resp: 4006790
Ion Ratio Lower Upper
228 100
229 22.4 15.8 23.6
226 34.0 22.2 33.4#

Instrument :
BNA_M
ClientSampled :
BGDF5DL

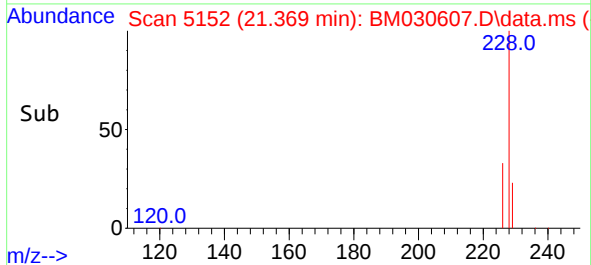
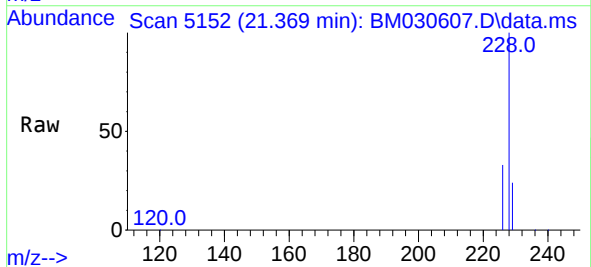
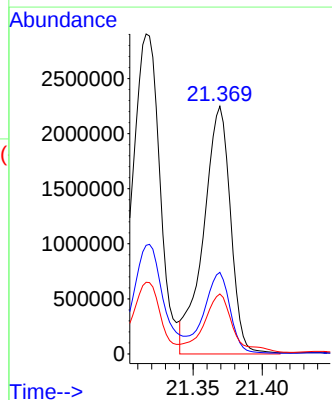
Manual Integrations
APPROVED

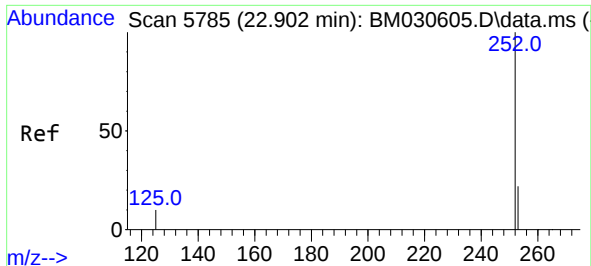
mohammad
6/28/2021 1:21:17 PM



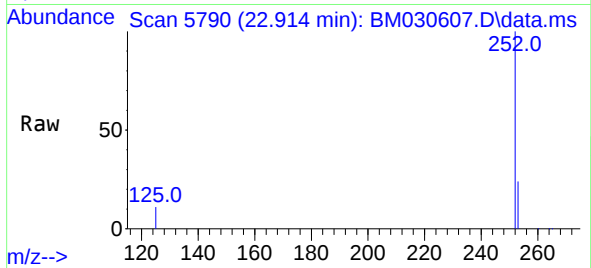
#22
Chrysene
Concen: 50.738 ng/ul m
RT: 21.369 min Scan# 5152
Delta R.T. 0.005 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26

Tgt Ion:228 Resp: 3066952
Ion Ratio Lower Upper
228 100
226 32.9 24.4 36.6
229 24.2 15.4 23.0#

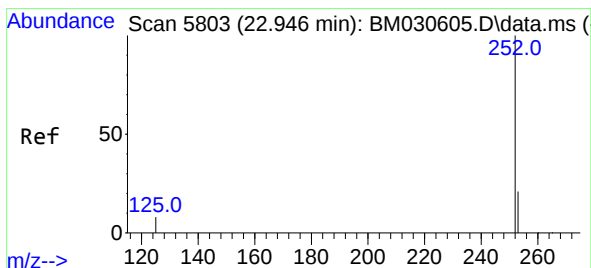
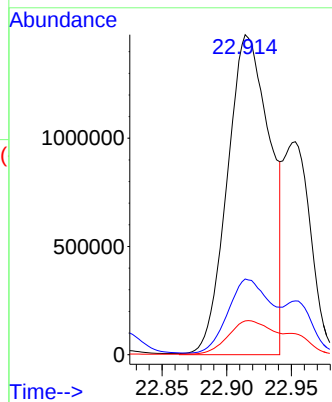
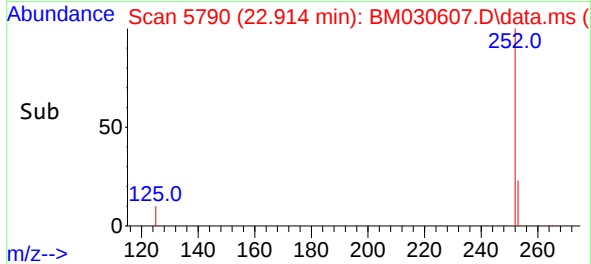




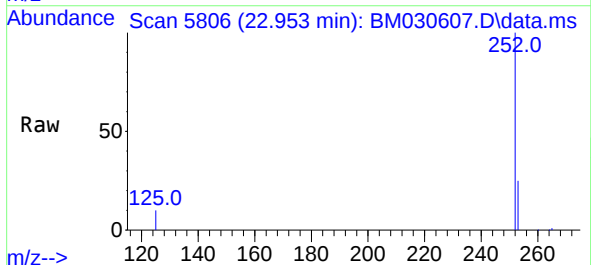
#24
Benzo(b)fluoranthene
Concen: 41.407 ng/ul m
RT: 22.914 min Scan# 5790
Delta R.T. 0.007 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26



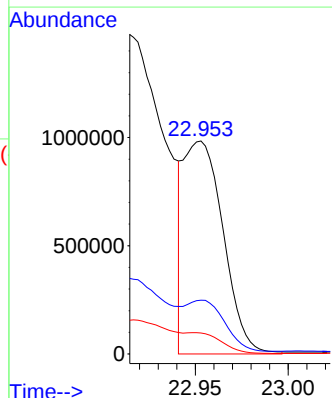
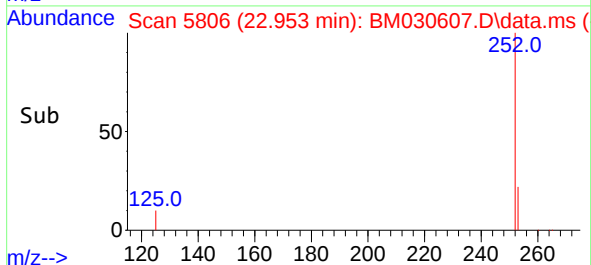
Tgt Ion:252 Resp: 3387495
Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.2
125 10.6 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 16.957 ng/ul m
RT: 22.953 min Scan# 5806
Delta R.T. 0.000 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26



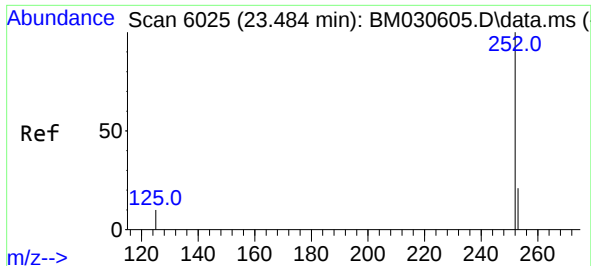
Tgt Ion:252 Resp: 1455004
Ion Ratio Lower Upper
252 100
253 25.2 20.6 31.0
125 9.8 11.0 16.4#



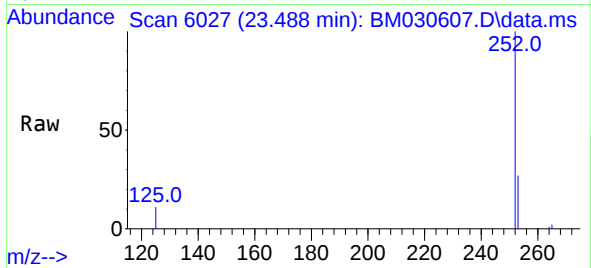
Instrument :
BNA_M
ClientSampled :
BGDF5DL

Manual Integrations
APPROVED

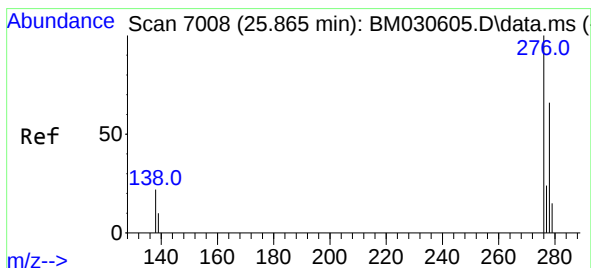
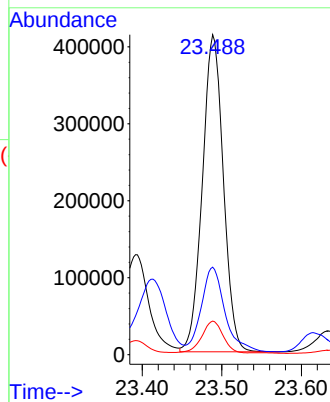
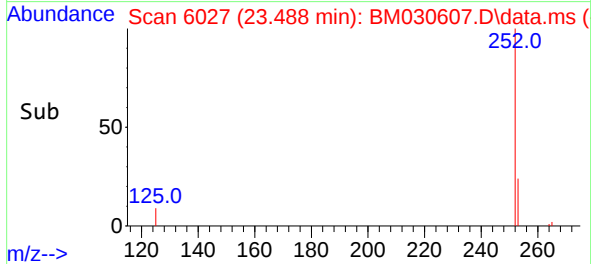
mohammad
6/28/2021 1:21:17 PM



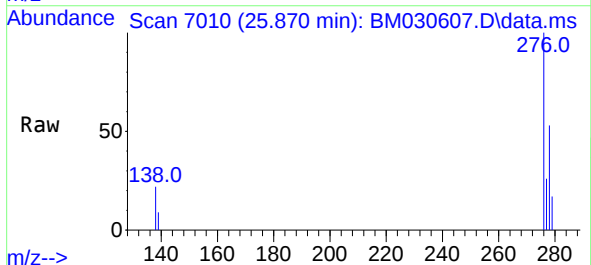
#26
Benzo(a)pyrene
Concen: 10.437 ng/ul
RT: 23.488 min Scan# 6027
Delta R.T. 0.000 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26



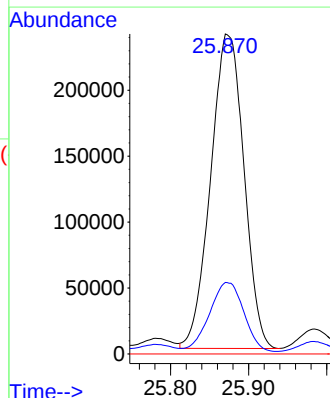
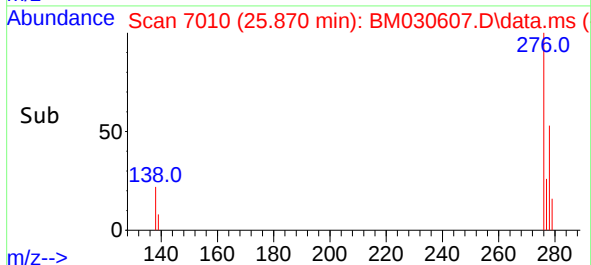
Tgt Ion:252 Resp: 757741
Ion Ratio Lower Upper
252 100
253 27.3 22.0 33.0
125 10.5 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.659 ng/ul
RT: 25.870 min Scan# 7010
Delta R.T. -0.002 min
Lab File: BM030607.D
Acq: 25 Jun 2021 18:26



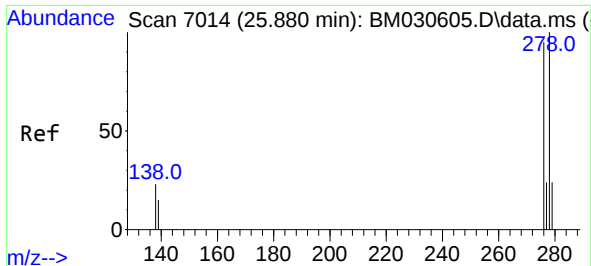
Tgt Ion:276 Resp: 707020
Ion Ratio Lower Upper
276 100
138 22.5 19.1 28.7
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
BGDF5DL

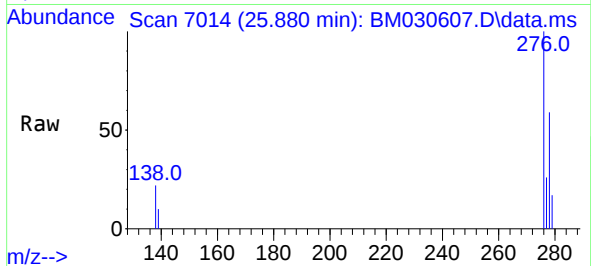
Manual Integrations
APPROVED

mohammad
6/28/2021 1:21:17 PM



#28
 Dibenzo(a,h)anthracene
 Concen: 5.876 ng/ul
 RT: 25.880 min Scan# 7014
 Delta R.T. -0.007 min
 Lab File: BM030607.D
 Acq: 25 Jun 2021 18:26

Instrument :
 BNA_M
 ClientSampleId :
 BGDF5DL



Tgt Ion:278 Resp: 432650
 Ion Ratio Lower Upper
 278 100
 139 16.3 14.2 21.4
 279 29.8 21.6 32.4

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:21:17 PM

