

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030608.D
 Acq On : 25 Jun 2021 19:03
 Operator : CG/JU
 Sample : M2662-02DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BGDB1DL

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:21:25 PM

Quant Time: Jun 26 01:31:14 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 10:09:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	3480	0.400	ng/ul	0.00
4) Naphthalene-d8	10.586	136	14841	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	9261	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	18561	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	13565	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	11797	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	2350	0.631	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	932	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	2237	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.635	128	14393	0.326	ng/ul	99
7) 2-Methylnaphthalene	12.250	142	3447	0.116	ng/ul	98
8) 1-Methylnaphthalene	12.466	142	2969	0.103	ng/ul	99
10) Acenaphthylene	14.144	152	17327	0.400	ng/ul	98
11) Acenaphthene	14.485	153	15531	0.440	ng/ul	99
12) Fluorene	15.471	166	29446	0.753	ng/ul	99
15) Phenanthrene	17.200	178	438864	6.641	ng/ul	99
16) Anthracene	17.290	178	147330	2.545	ng/ul	99
19) Fluoranthene	19.210	202	722802	11.590	ng/ul	97
20) Pyrene	19.573	202	270325	4.231	ng/ul	97
21) Benzo(a)anthracene	21.309	228	267679	4.968	ng/ul	98
22) Chrysene	21.362	228	212350	3.550	ng/ul	98
24) Benzo(b)fluoranthene	22.905	252	212488m	4.141	ng/ul	
25) Benzo(k)fluoranthene	22.943	252	80947m	1.504	ng/ul	
26) Benzo(a)pyrene	23.481	252	36829	0.809	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.863	276	33574	0.580	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.868	278	23175	0.502	ng/ul#	92

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

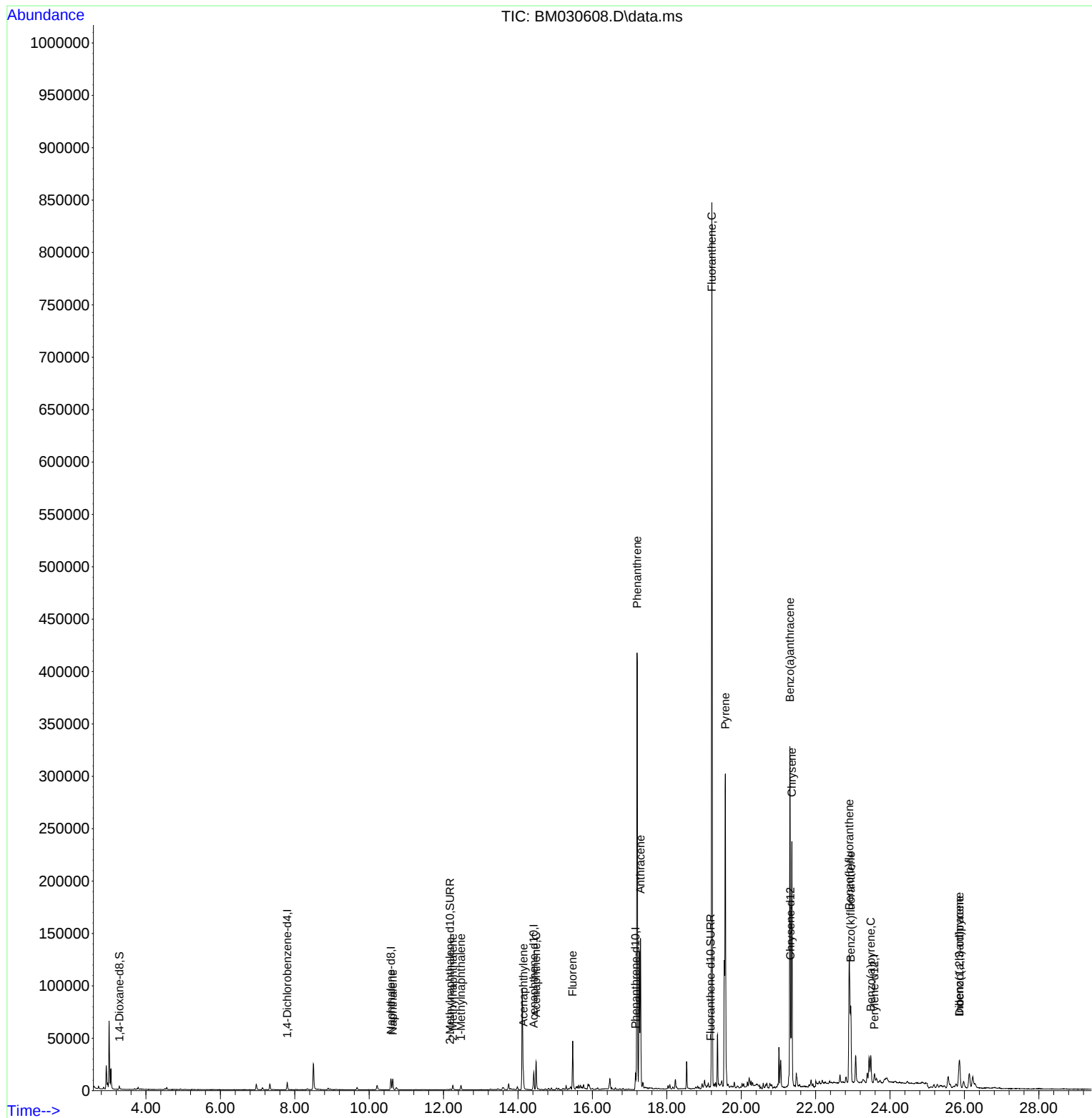
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030608.D
Acq On : 25 Jun 2021 19:03
Operator : CG/JU
Sample : M2662-02DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

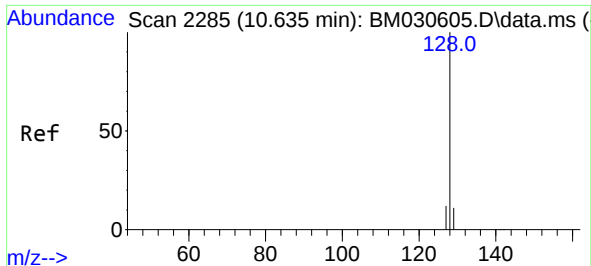
Instrument :
BNA_M
ClientSampleId :
BGDB1DL

Manual Integrations
APPROVED

mohammad
6/28/2021 1:21:25 PM

Quant Time: Jun 26 01:31:14 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 10:09:59 2021
Response via : Initial Calibration





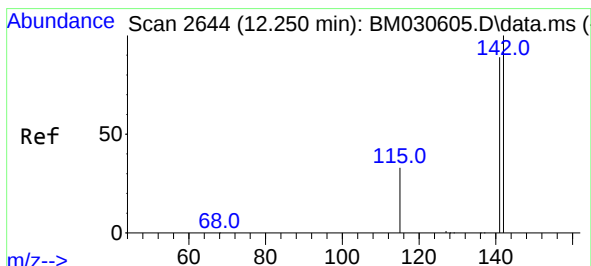
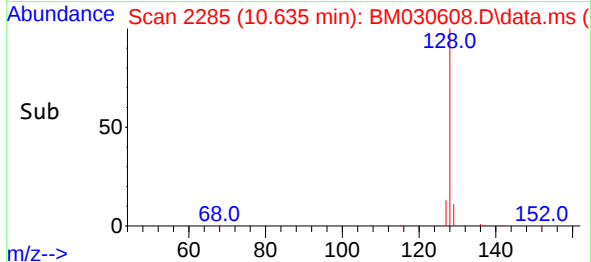
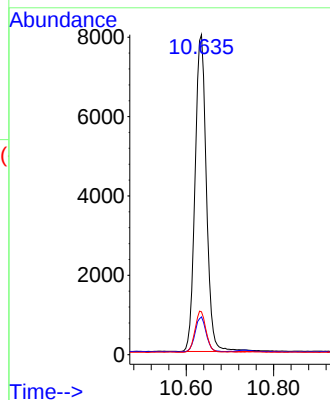
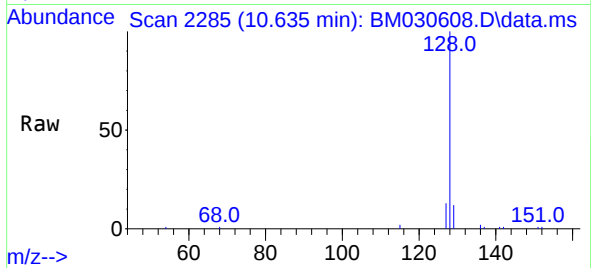
#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.635 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

Tgt Ion:128 Resp: 14393
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.4 10.9 16.3

Instrument :
BNA_M
ClientSampled :
BGDB1DL

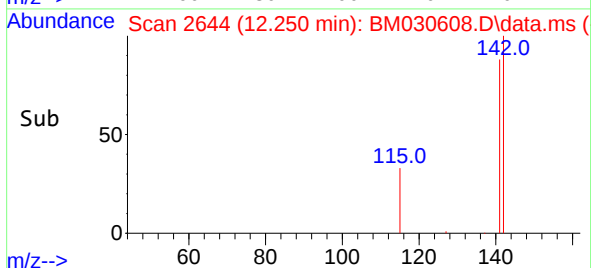
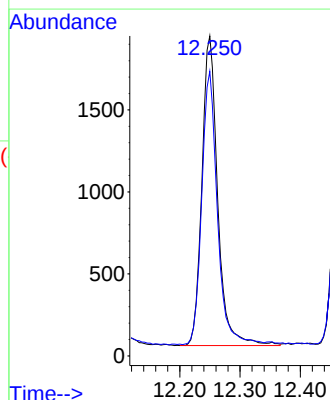
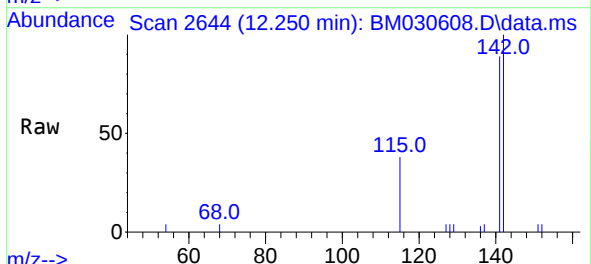
Manual Integrations
APPROVED

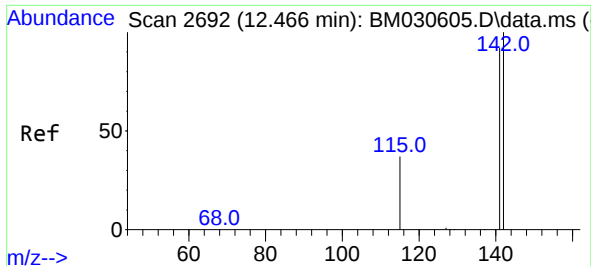
mohammad
6/28/2021 1:21:25 PM



#7
2-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. 0.000 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

Tgt Ion:142 Resp: 3447
Ion Ratio Lower Upper
142 100
141 87.3 71.4 107.0





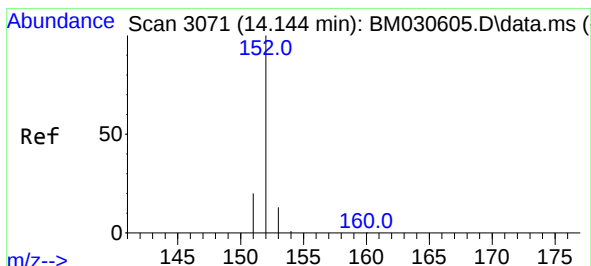
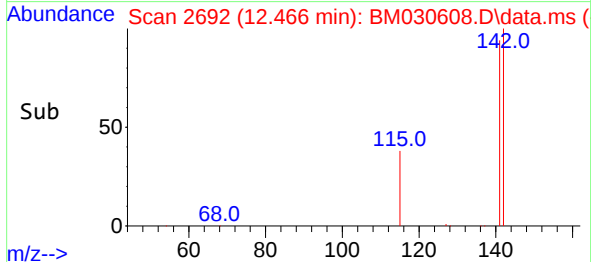
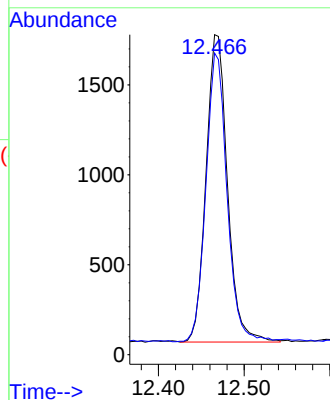
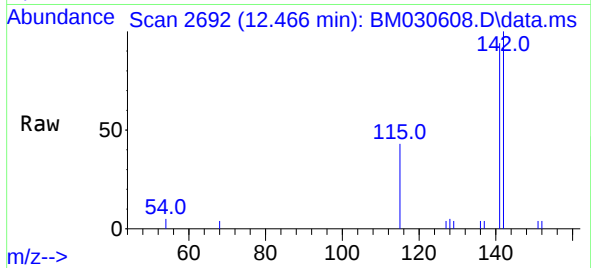
#8
1-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

Tgt Ion:142 Resp: 2969
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0

Instrument :
BNA_M
ClientSampled :
BGDB1DL

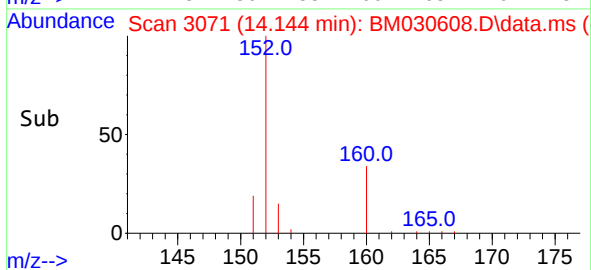
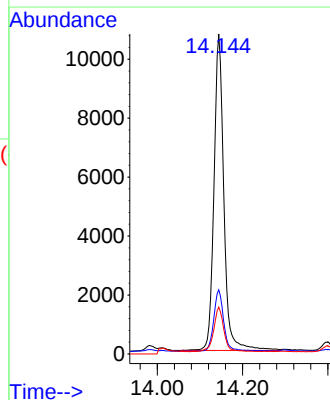
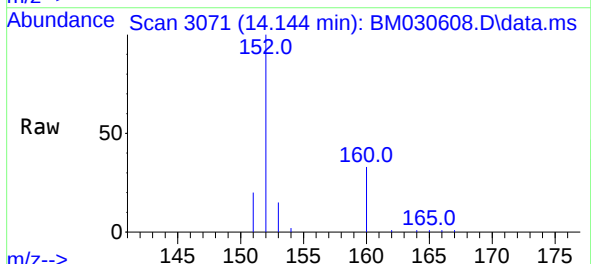
Manual Integrations
APPROVED

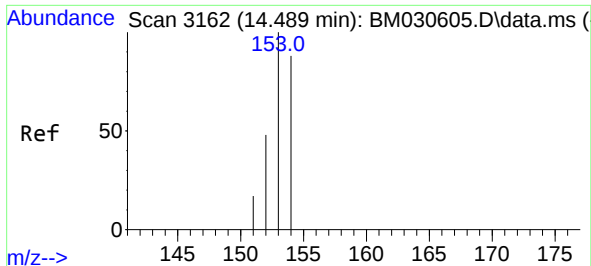
mohammad
6/28/2021 1:21:25 PM



#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

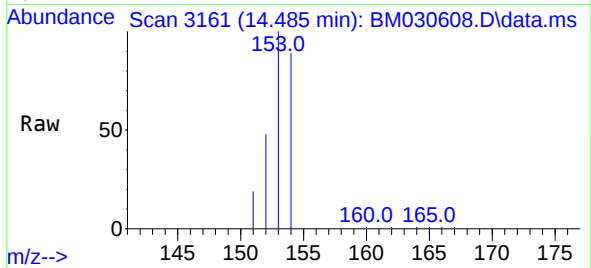
Tgt Ion:152 Resp: 17327
Ion Ratio Lower Upper
152 100
151 20.0 15.5 23.3
153 14.7 10.7 16.1



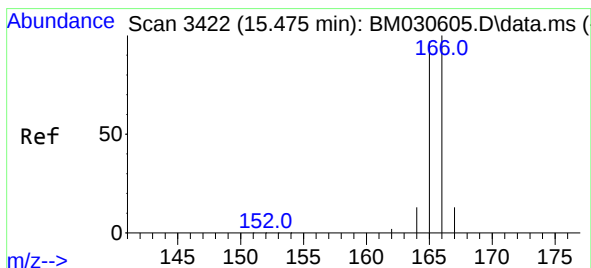
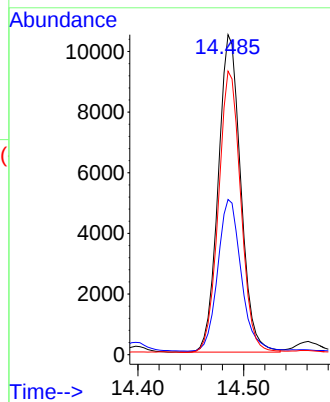
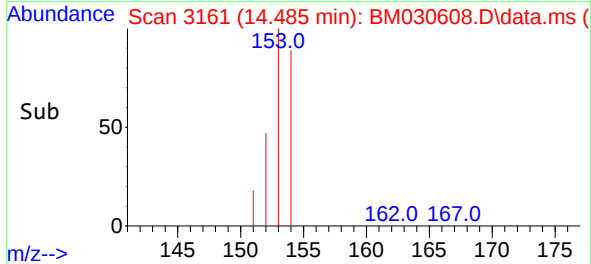


#11
Acenaphthene
Concen: 0.440 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

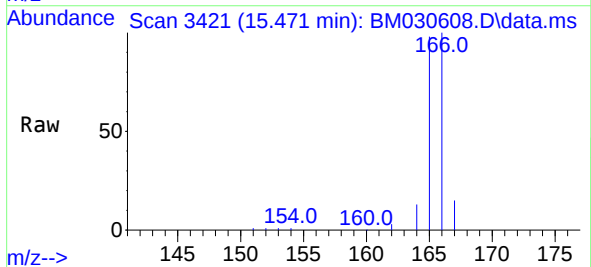
Instrument :
BNA_M
ClientSampled :
BGDB1DL



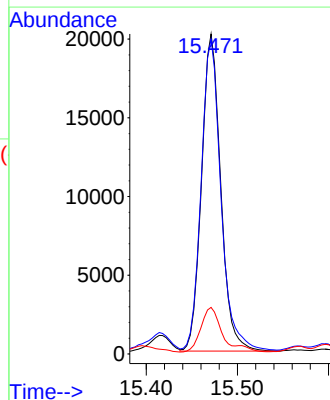
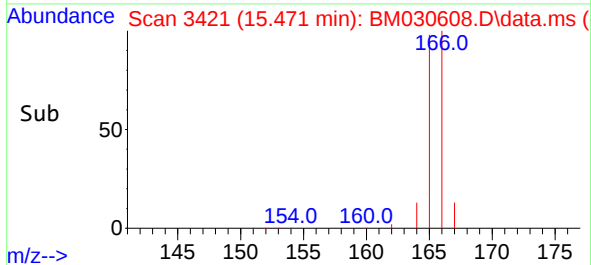
Tgt Ion:153 Resp: 15531
Ion Ratio Lower Upper
153 100
152 48.5 40.2 60.2
154 88.6 71.2 106.8

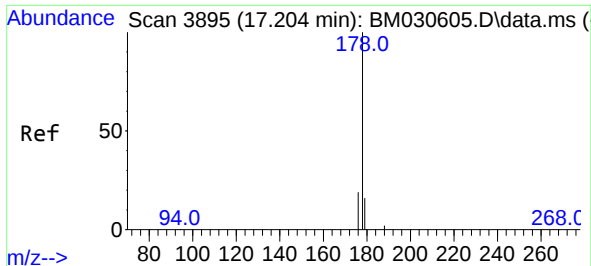


#12
Fluorene
Concen: 0.753 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03



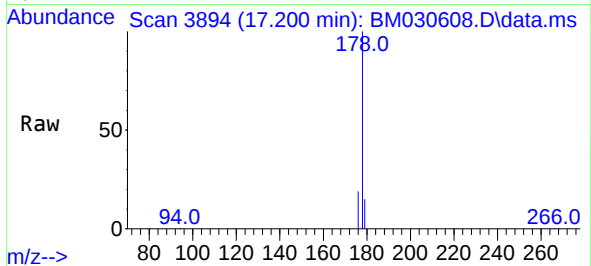
Tgt Ion:166 Resp: 29446
Ion Ratio Lower Upper
166 100
165 98.3 77.7 116.5
167 14.5 11.3 16.9





#15
Phenanthrene
Concen: 6.641 ng/ul
RT: 17.200 min Scan# 3894
Delta R.T. -0.003 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

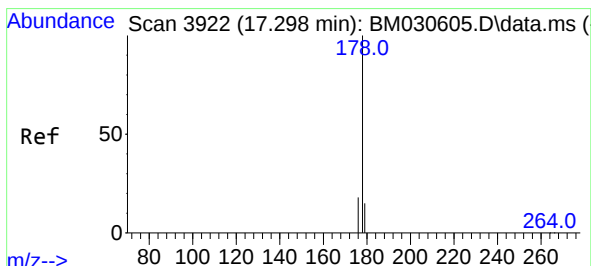
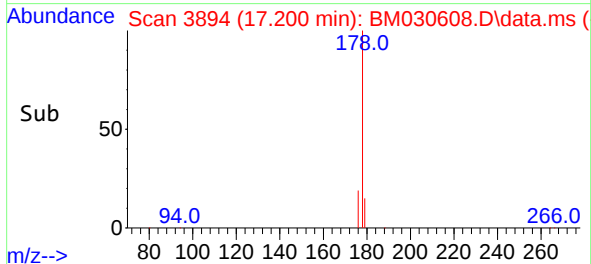
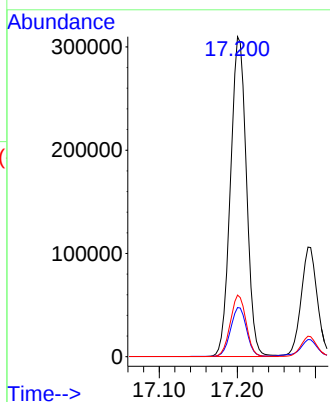
Instrument :
BNA_M
ClientSampled :
BGDB1DL



Tgt Ion:178 Resp: 438864
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.3 15.5 23.3

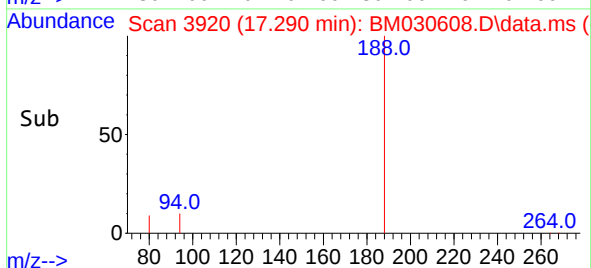
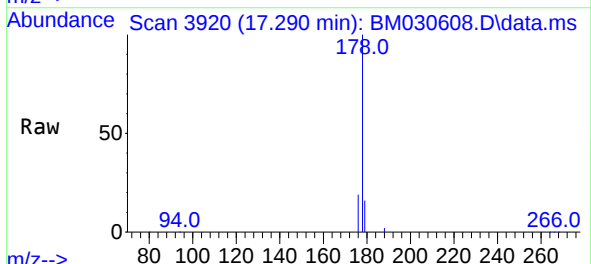
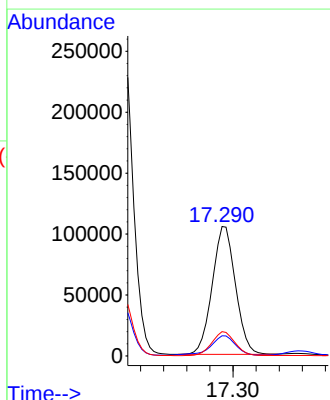
Manual Integrations
APPROVED

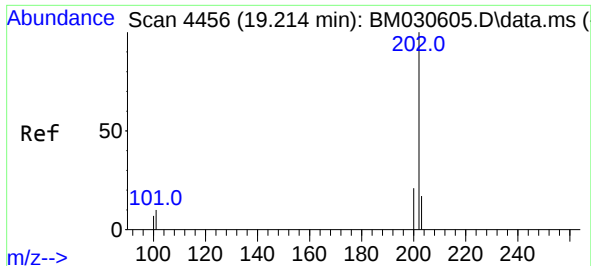
mohammad
6/28/2021 1:21:25 PM



#16
Anthracene
Concen: 2.545 ng/ul
RT: 17.290 min Scan# 3920
Delta R.T. -0.007 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

Tgt Ion:178 Resp: 147330
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.7 15.2 22.8





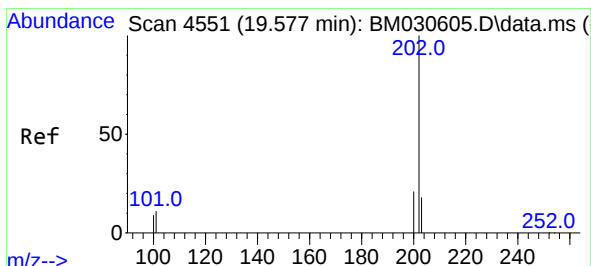
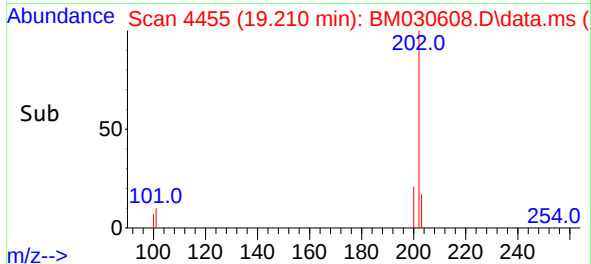
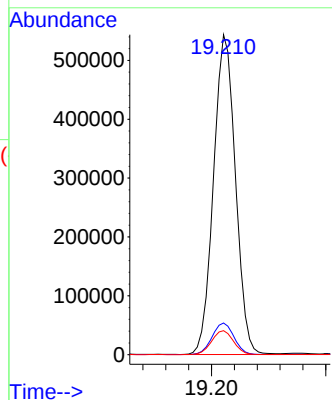
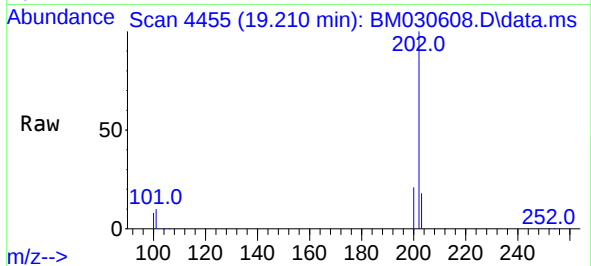
#19
Fluoranthene
Concen: 11.590 ng/u1
RT: 19.210 min Scan# 4455
Delta R.T. -0.004 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

Tgt Ion:	202	Resp:	722802
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.8	13.2
100	7.5	6.9	10.3

Instrument :
BNA_M
ClientSampled :
BGDB1DL

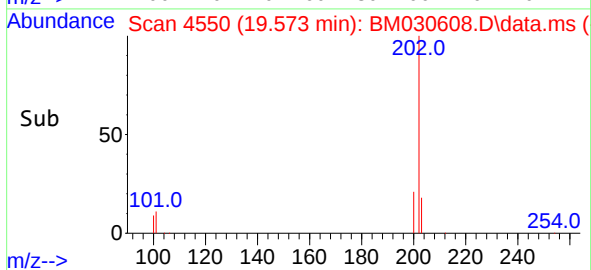
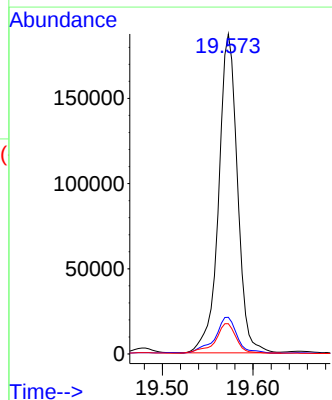
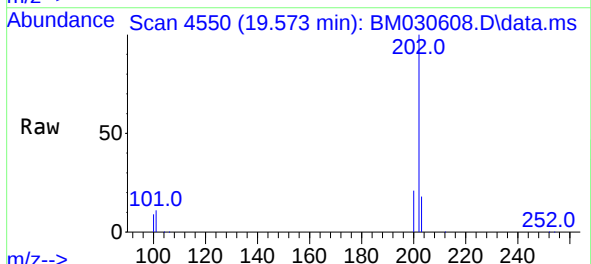
Manual Integrations
APPROVED

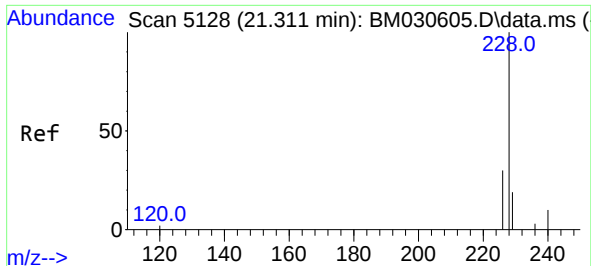
mohammad
6/28/2021 1:21:25 PM



#20
Pyrene
Concen: 4.231 ng/u1
RT: 19.573 min Scan# 4550
Delta R.T. -0.004 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

Tgt Ion:	202	Resp:	270325
Ion Ratio	Lower	Upper	
202	100		
101	11.4	10.1	15.1
100	9.4	8.2	12.2





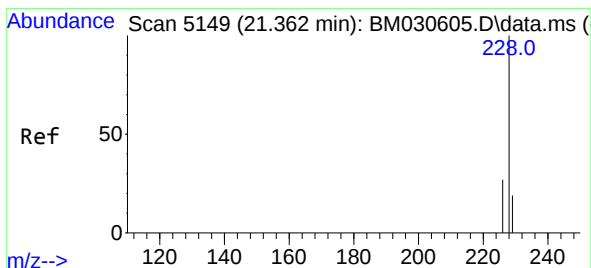
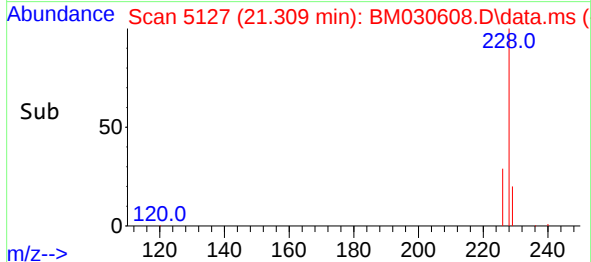
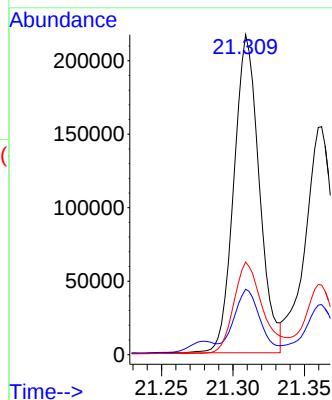
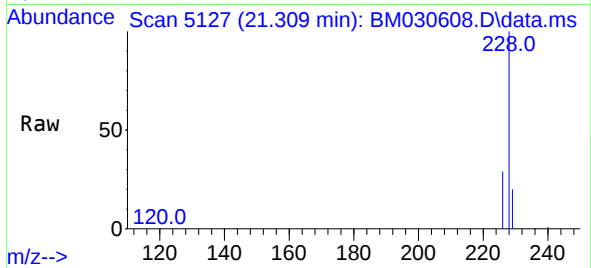
#21
Benzo(a)anthracene
Concen: 4.968 ng/ul
RT: 21.309 min Scan# 5127
Delta R.T. -0.005 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

Tgt Ion:	228	Resp:	267679
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.8	23.6
226	29.0	22.2	33.4

Instrument :
BNA_M
ClientSampled :
BGDB1DL

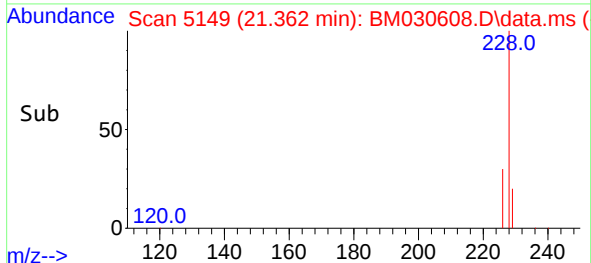
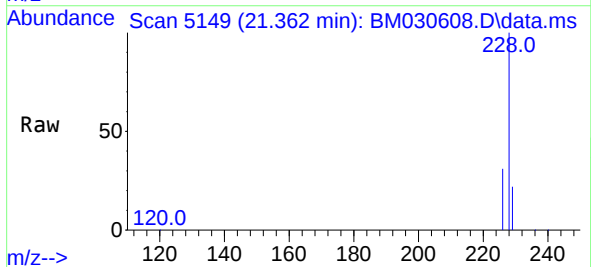
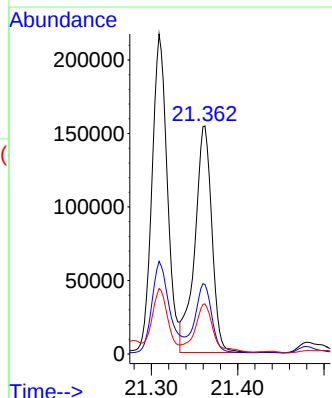
Manual Integrations
APPROVED

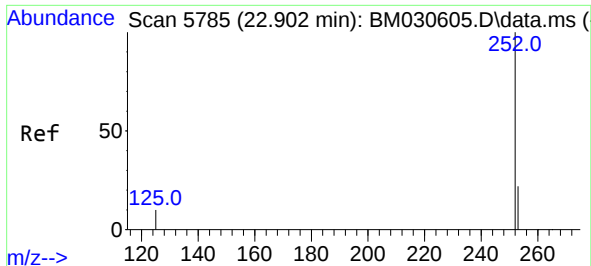
mohammad
6/28/2021 1:21:25 PM



#22
Chrysene
Concen: 3.550 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.002 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

Tgt Ion:	228	Resp:	212350
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.4	36.6
229	22.0	15.4	23.0





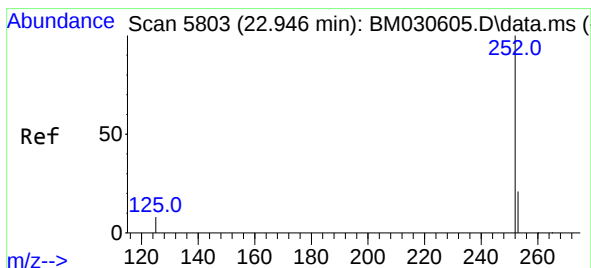
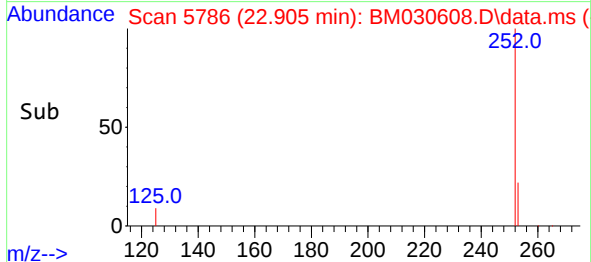
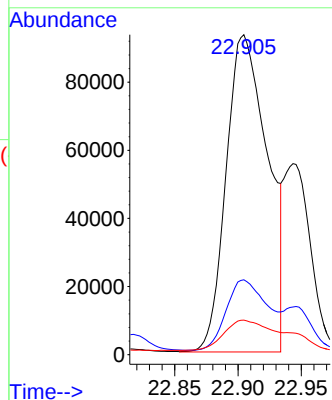
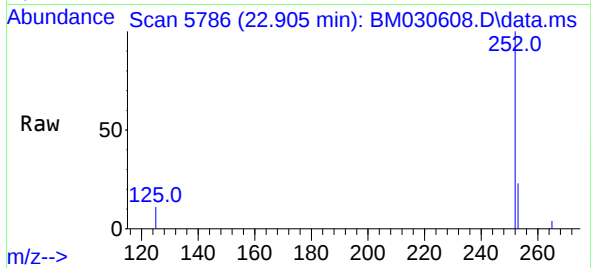
#24
Benzo(b)fluoranthene
Concen: 4.141 ng/ul m
RT: 22.905 min Scan# 5786
Delta R.T. -0.002 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

Tgt Ion:252 Resp: 212488
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.2
125 10.8 0.0 27.8

Instrument :
BNA_M
ClientSampled :
BGDB1DL

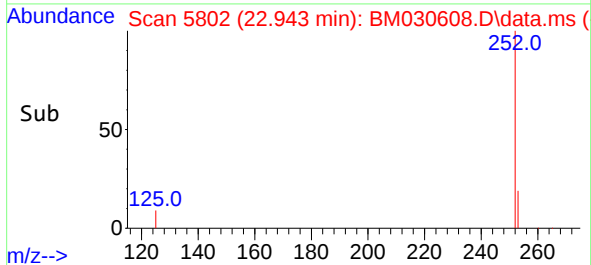
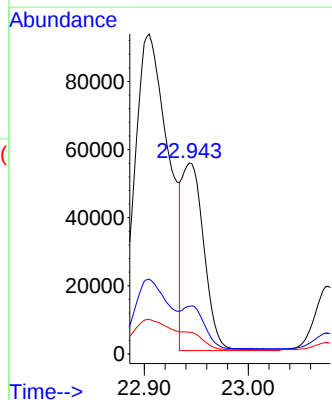
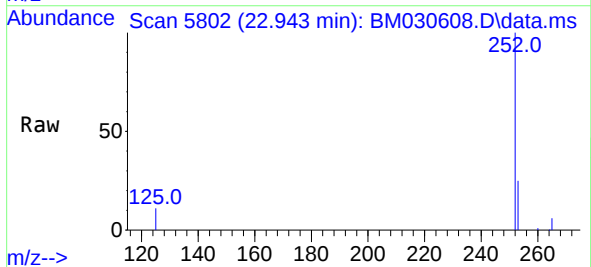
Manual Integrations
APPROVED

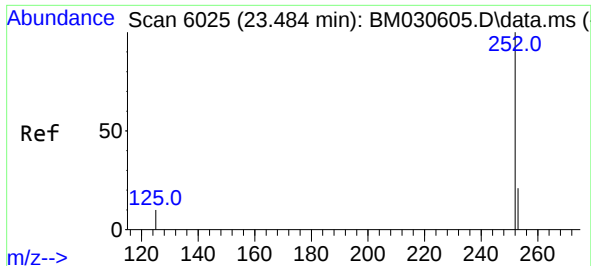
mohammad
6/28/2021 1:21:25 PM



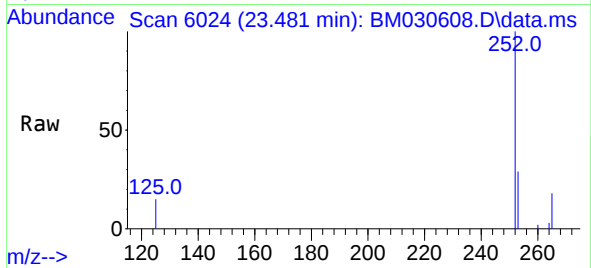
#25
Benzo(k)fluoranthene
Concen: 1.504 ng/ul m
RT: 22.943 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

Tgt Ion:252 Resp: 80947
Ion Ratio Lower Upper
252 100
253 25.0 20.6 31.0
125 11.4 11.0 16.4

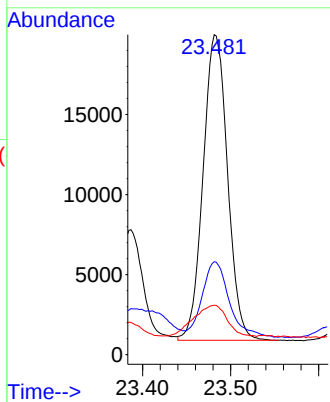
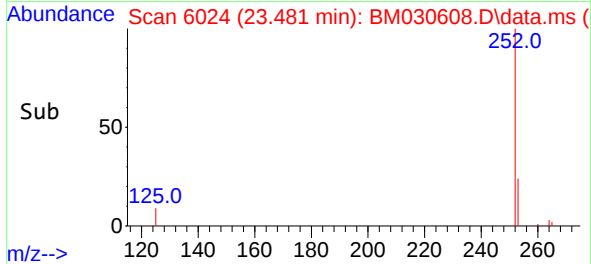




#26
Benzo(a)pyrene
Concen: 0.809 ng/ul
RT: 23.481 min Scan# 6024
Delta R.T. -0.007 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03



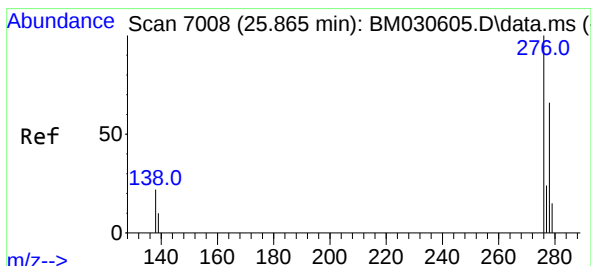
Tgt Ion:252 Resp: 36829
Ion Ratio Lower Upper
252 100
253 29.0 22.0 33.0
125 15.5 13.4 20.2



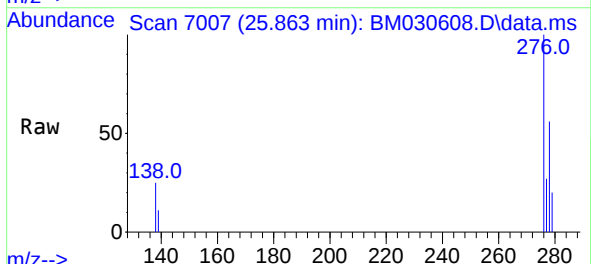
Instrument :
BNA_M
ClientSampleID :
BGDB1DL

Manual Integrations
APPROVED

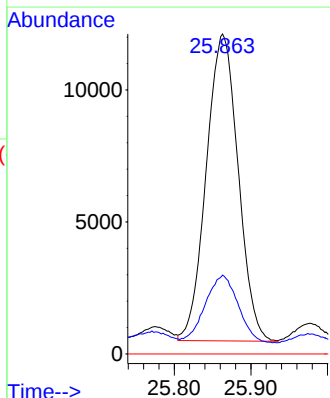
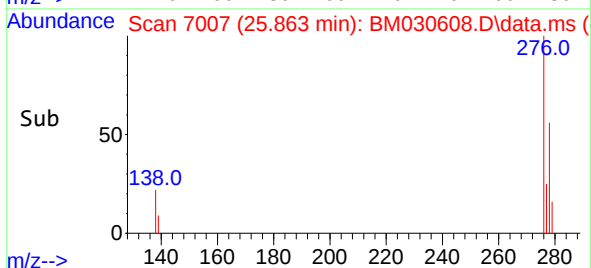
mohammad
6/28/2021 1:21:25 PM

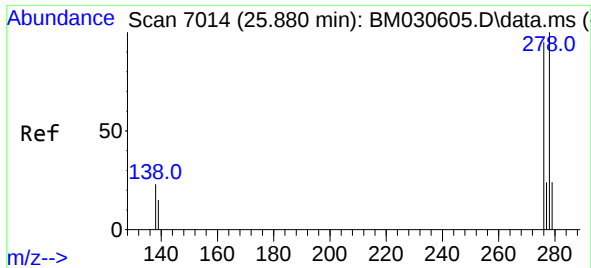


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.580 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. -0.010 min
Lab File: BM030608.D
Acq: 25 Jun 2021 19:03

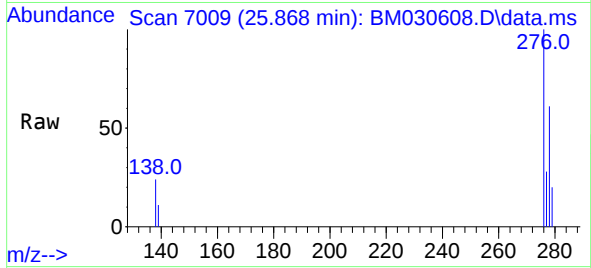


Tgt Ion:276 Resp: 33574
Ion Ratio Lower Upper
276 100
138 22.9 19.1 28.7
227 0.0 0.0 0.0

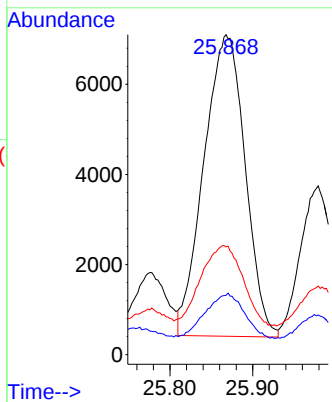
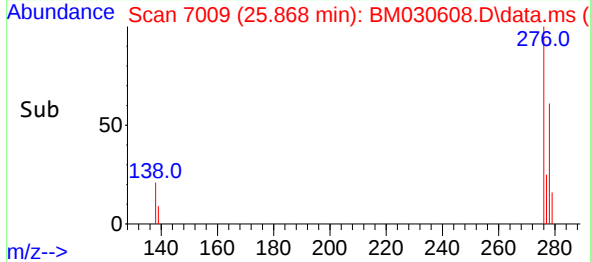




#28
 Dibenzo(a,h)anthracene
 Concen: 0.502 ng/ul
 RT: 25.868 min Scan# 7009
 Delta R.T. -0.019 min
 Lab File: BM030608.D
 Acq: 25 Jun 2021 19:03



Tgt Ion: 278 Resp: 23175
 Ion Ratio Lower Upper
 278 100
 139 18.5 14.2 21.4
 279 33.7 21.6 32.4#



Instrument :
 BNA_M
 ClientSampleId :
 BGDB1DL

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:21:25 PM