

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031327.D
 Acq On : 01 Aug 2021 00:21
 Operator : CG/JU
 Sample : M3091-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0044

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:42:17 PM

Quant Time: Aug 02 01:14:16 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 : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	1377	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	5415	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	3449	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	6634	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	5273	0.400	ng/ul	0.00
23) Perylene-d12	23.336	264	5059	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	4032	2.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	1626	0.178	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	3488	0.198	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	5001	0.310	ng/ul	100
7) 2-Methylnaphthalene	12.038	142	4732	0.429	ng/ul	100
8) 1-Methylnaphthalene	12.259	142	2954	0.271	ng/ul	99
10) Acenaphthylene	13.959	152	1491	0.101	ng/ul	91
11) Acenaphthene	14.303	153	325m	0.026	ng/ul	
12) Fluorene	15.289	166	555	0.039	ng/ul#	82
15) Phenanthrene	17.027	178	13762	0.653	ng/ul	99
16) Anthracene	17.117	178	2421	0.123	ng/ul#	93
19) Fluoranthene	19.047	202	26832	1.192	ng/ul	98
20) Pyrene	19.409	202	23451	1.027	ng/ul	97
21) Benzo(a)anthracene	21.156	228	12154	0.571	ng/ul	96
22) Chrysene	21.210	228	15280	0.694	ng/ul	97
24) Benzo(b)fluoranthene	22.694	252	19346m	0.849	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	7119m	0.302	ng/ul	
26) Benzo(a)pyrene	23.244	252	12016	0.602	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.478	276	9007	0.349	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.485	278	2290	0.110	ng/ul#	69
29) Benzo(g,h,i)perylene	26.134	276	7821	0.355	ng/ul	96

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

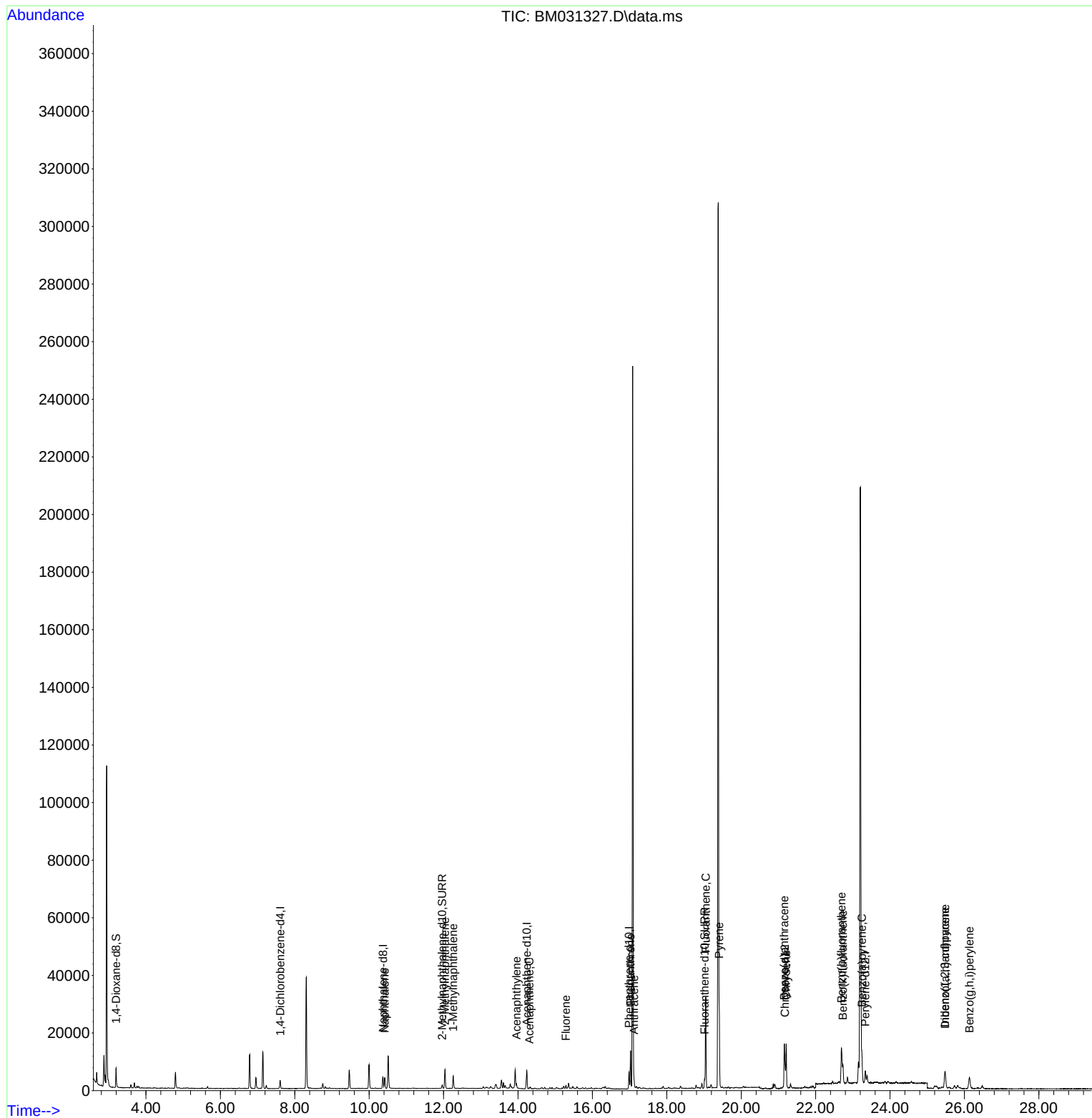
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031327.D
Acq On : 01 Aug 2021 00:21
Operator : CG/JU
Sample : M3091-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

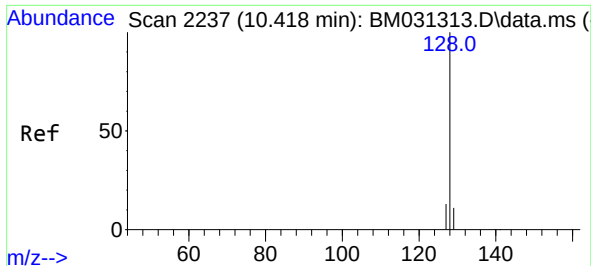
Instrument :
BNA_M
ClientSampleId :
C0044

Manual Integrations
APPROVED

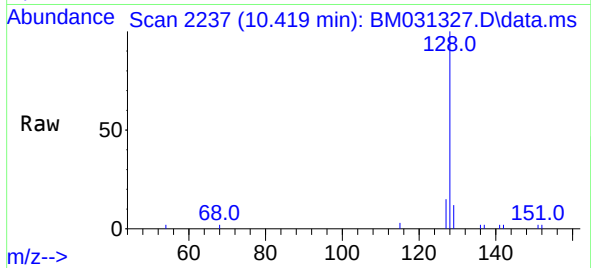
mohammad
8/2/2021 3:42:17 PM

Quant Time: Aug 02 01:14:16 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

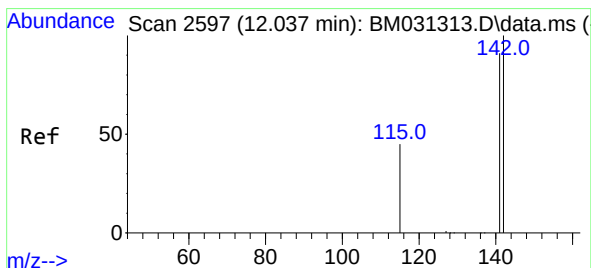
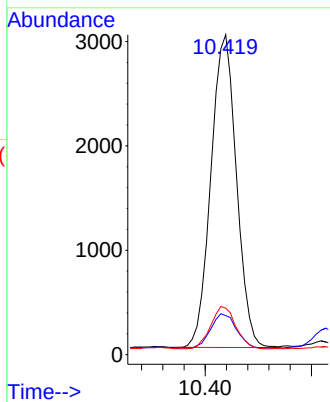
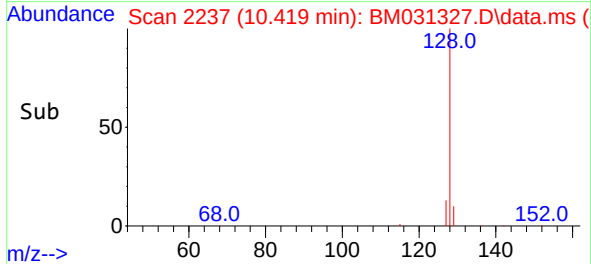




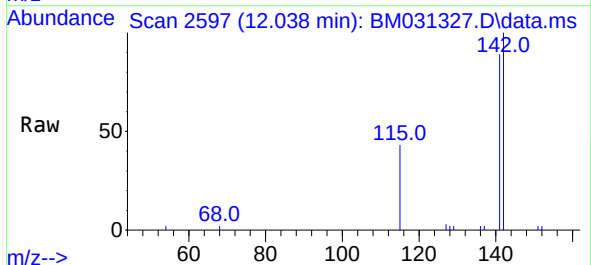
#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21



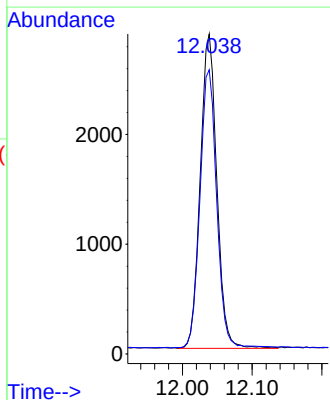
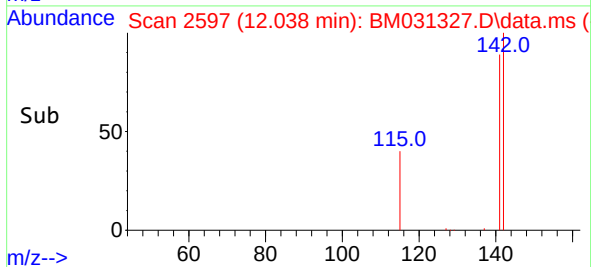
Tgt Ion:	128	Resp:	5001
Ion	Ratio	Lower	Upper
128	100		
129	12.2	10.0	15.0
127	14.5	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.038 min Scan# 2597
Delta R.T. -0.003 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21



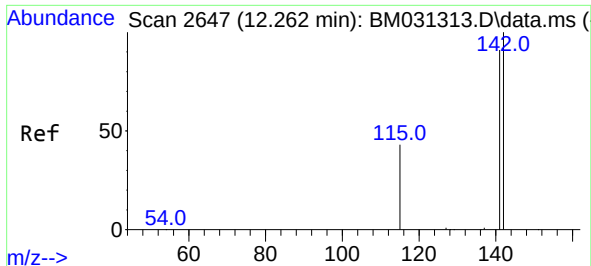
Tgt Ion:	142	Resp:	4732
Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
C0044

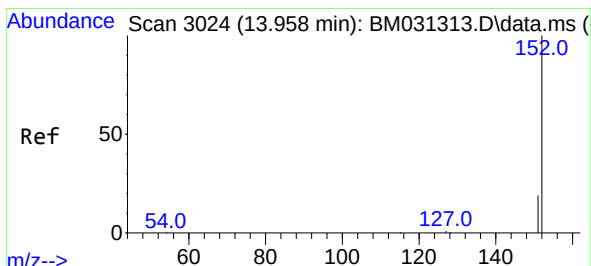
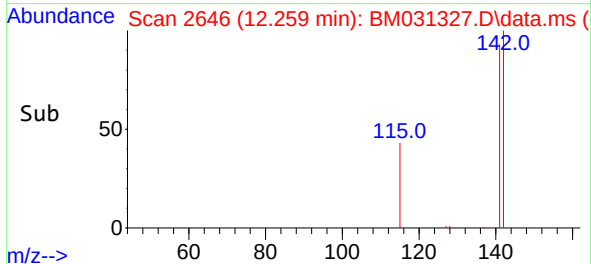
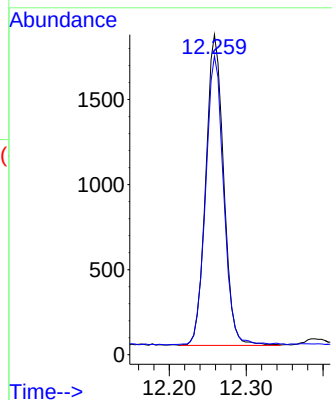
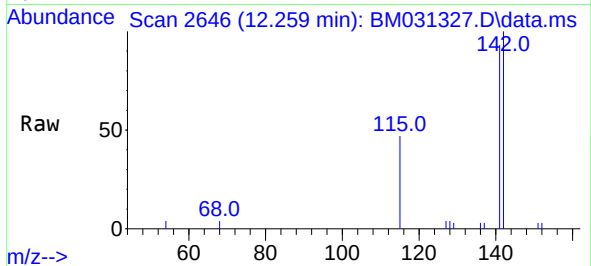
Manual Integrations
APPROVED

mohammad
8/2/2021 3:42:17 PM



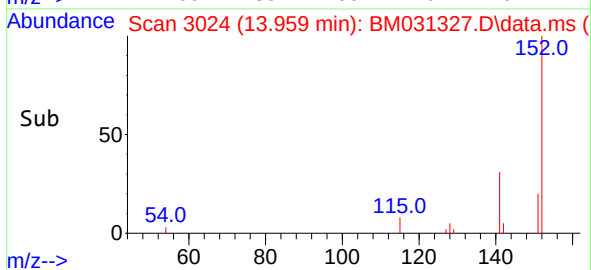
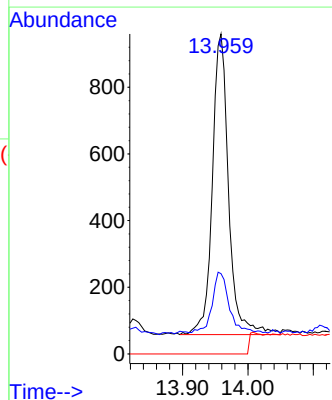
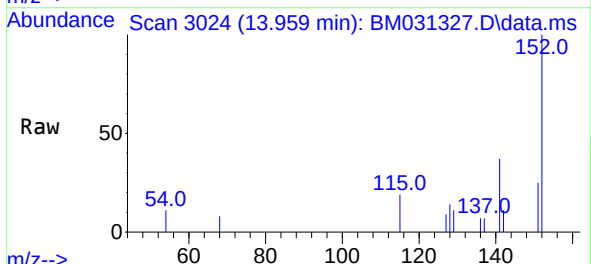
#8
1-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:142 Resp: 2954
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1



#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

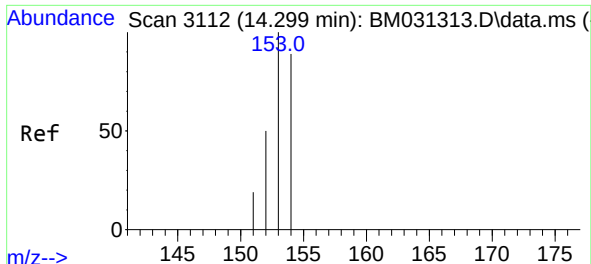
Tgt Ion:152 Resp: 1491
Ion Ratio Lower Upper
152 100
151 25.1 16.9 25.3
153 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C0044

Manual Integrations
APPROVED

mohammad
8/2/2021 3:42:17 PM



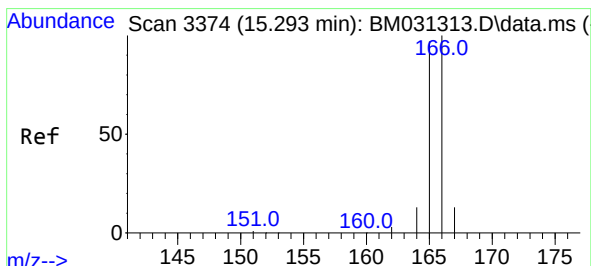
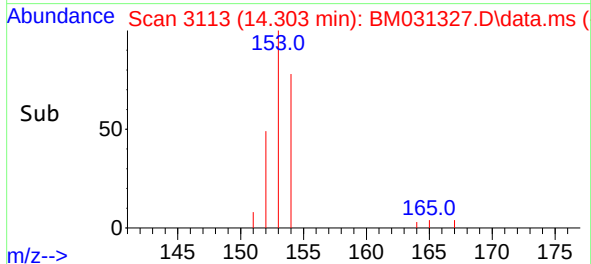
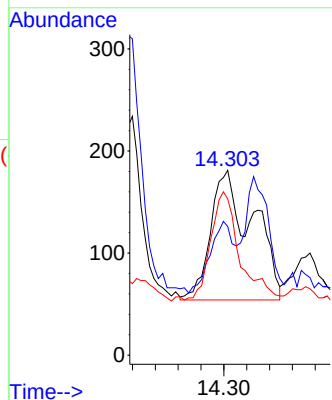
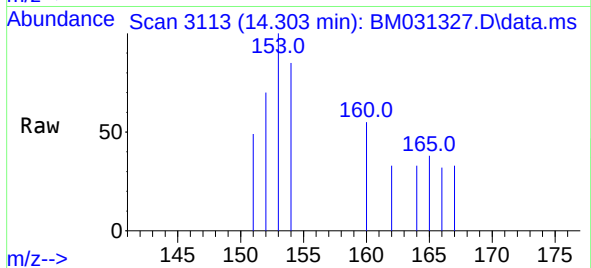
#11
Acenaphthene
Concen: 0.026 ng/ul m
RT: 14.303 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:153 Resp: 325
Ion Ratio Lower Upper
153 100
152 69.6 40.7 61.1#
154 84.5 70.2 105.2

Instrument :
BNA_M
ClientSampled :
C0044

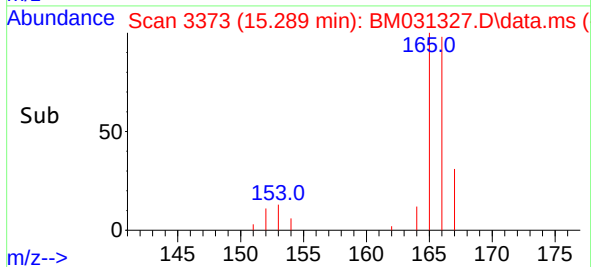
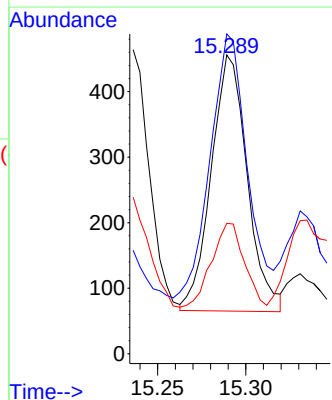
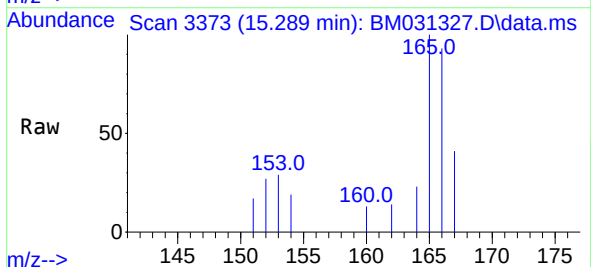
Manual Integrations
APPROVED

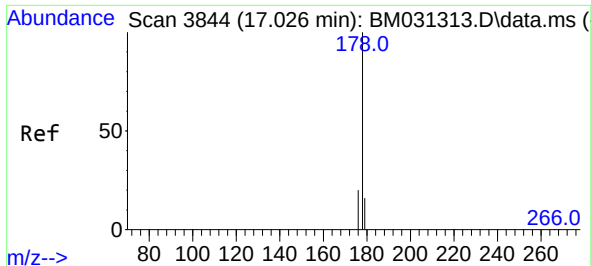
mohammad
8/2/2021 3:42:17 PM



#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

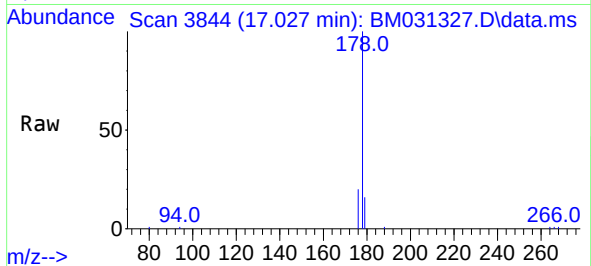
Tgt Ion:166 Resp: 555
Ion Ratio Lower Upper
166 100
165 107.0 78.0 117.0
167 43.6 12.0 18.0#





#15
Phenanthrene
Concen: 0.653 ng/u1
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

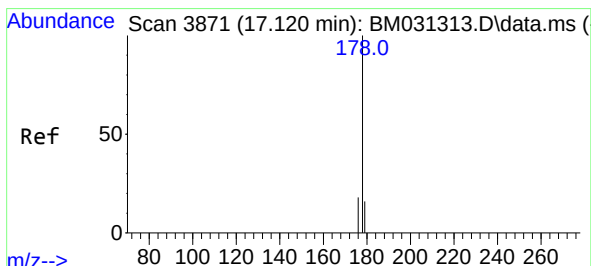
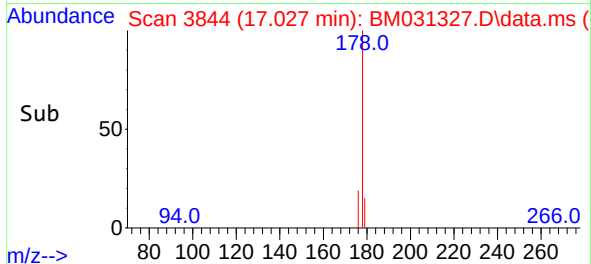
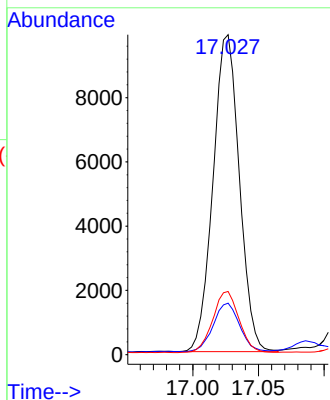
Instrument :
BNA_M
ClientSampled :
C0044



Tgt Ion:	178	Resp:	13762
Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.3	19.9
176	19.7	16.2	24.4

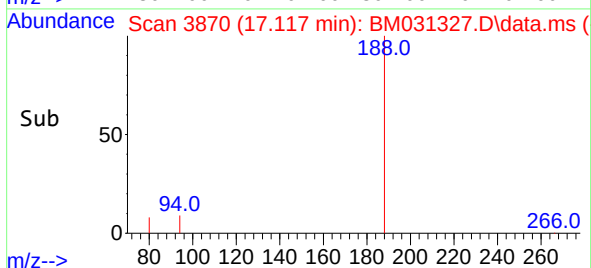
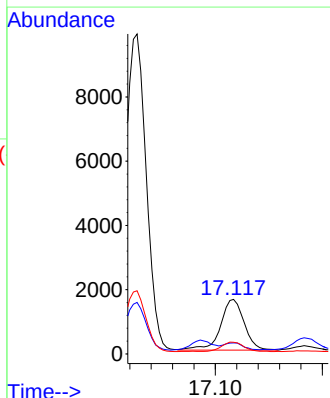
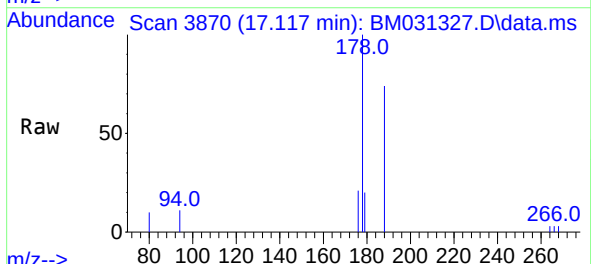
Manual Integrations
APPROVED

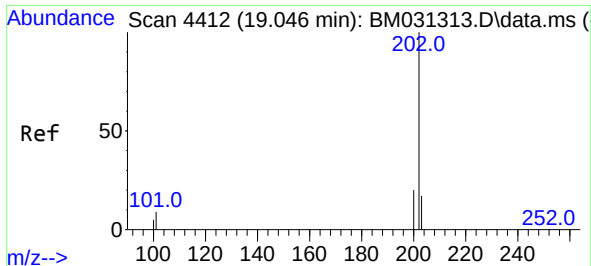
mohammad
8/2/2021 3:42:17 PM



#16
Anthracene
Concen: 0.123 ng/u1
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:	178	Resp:	2421
Ion	Ratio	Lower	Upper
178	100		
179	20.2	13.0	19.6#
176	21.5	15.6	23.4





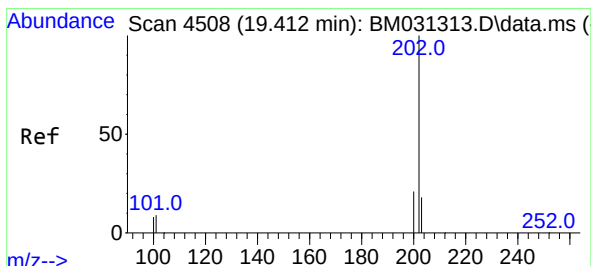
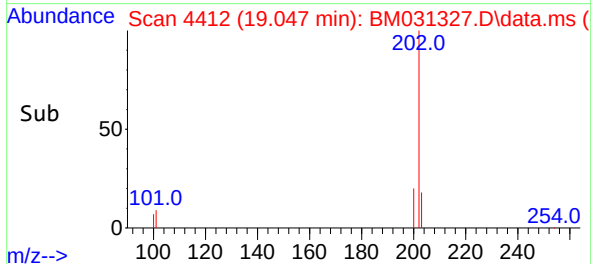
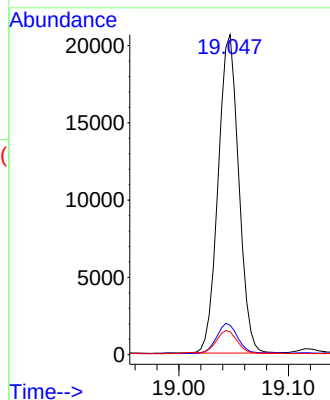
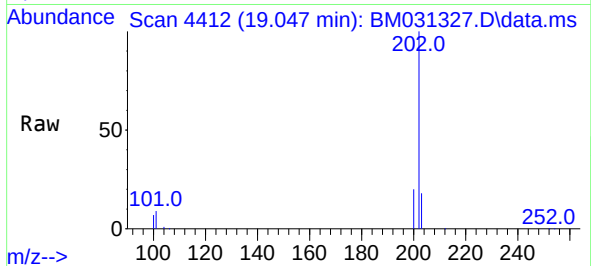
#19
Fluoranthene
Concen: 1.192 ng/u1
RT: 19.047 min Scan# 4412
Delta R.T. -0.003 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:	202	Resp:	26832
Ion Ratio	Lower	Upper	
202	100		
101	9.2	6.6	10.0
100	7.2	5.4	8.0

Instrument :
BNA_M
ClientSampled :
C0044

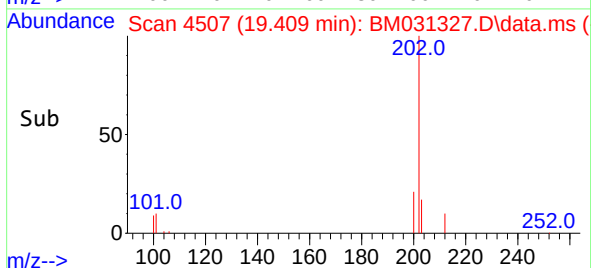
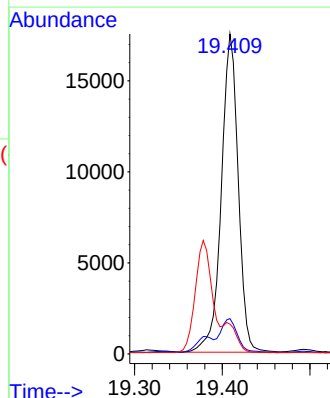
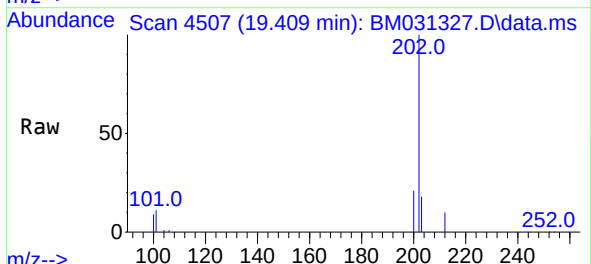
Manual Integrations
APPROVED

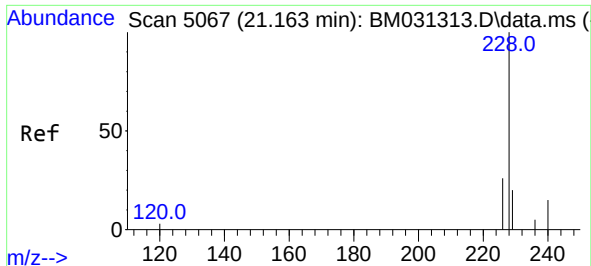
mohammad
8/2/2021 3:42:17 PM



#20
Pyrene
Concen: 1.027 ng/u1
RT: 19.409 min Scan# 4507
Delta R.T. -0.003 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:	202	Resp:	23451
Ion Ratio	Lower	Upper	
202	100		
101	11.1	7.8	11.6
100	9.3	6.6	10.0





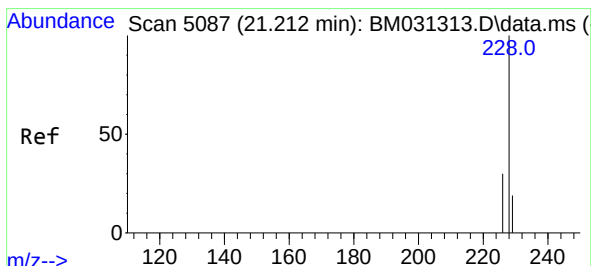
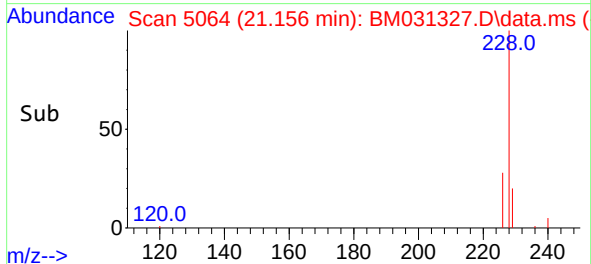
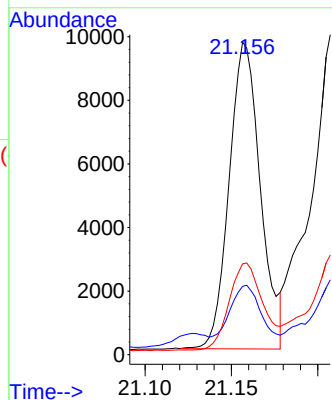
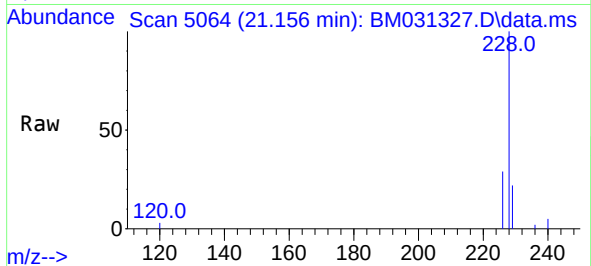
#21
Benzo(a)anthracene
Concen: 0.571 ng/ul
RT: 21.156 min Scan# 5064
Delta R.T. -0.004 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:	228	Resp:	12154
Ion Ratio	Lower	Upper	
228	100		
229	21.9	15.6	23.4
226	29.1	21.7	32.5

Instrument :
BNA_M
ClientSampled :
C0044

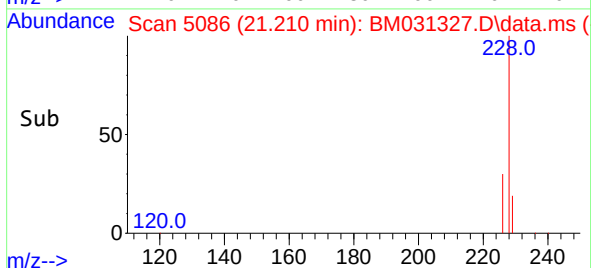
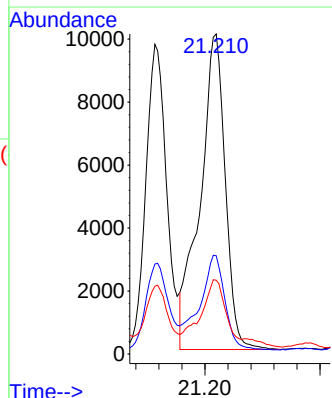
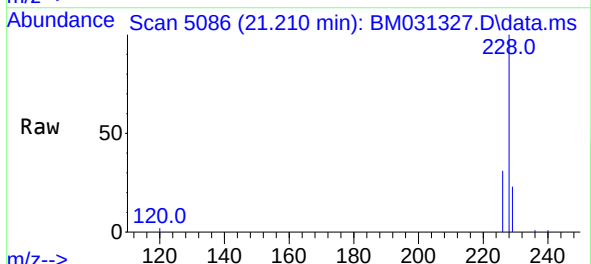
Manual Integrations
APPROVED

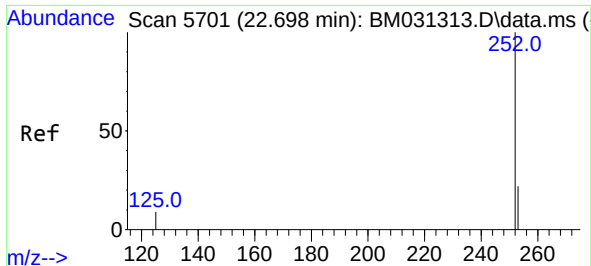
mohammad
8/2/2021 3:42:17 PM



#22
Chrysene
Concen: 0.694 ng/ul
RT: 21.210 min Scan# 5086
Delta R.T. -0.004 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:	228	Resp:	15280
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.7	37.1
229	23.0	16.2	24.2





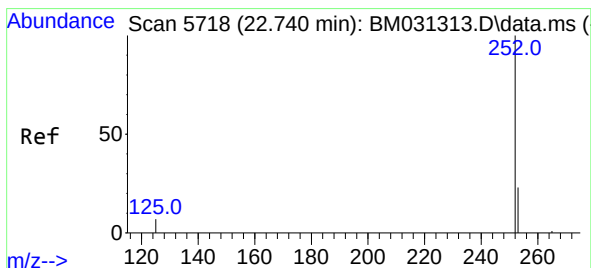
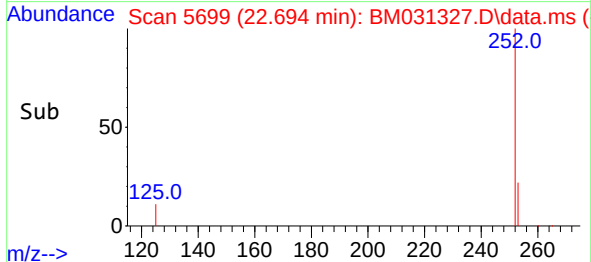
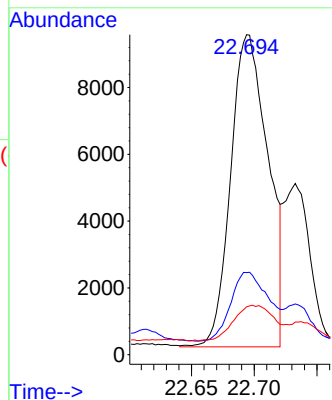
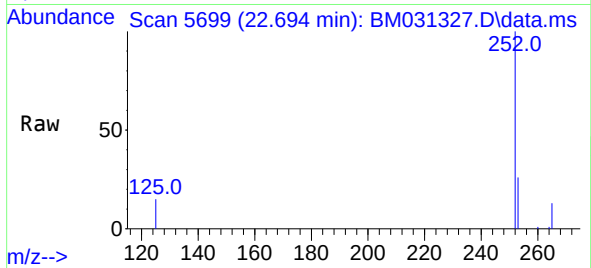
#24
Benzo(b)fluoranthene
Concen: 0.849 ng/ul m
RT: 22.694 min Scan# 5699
Delta R.T. -0.004 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:	252	Resp:	19346
Ion Ratio	Lower	Upper	
252	100		
253	25.6	0.0	53.0
125	15.0	0.0	22.8

Instrument :
BNA_M
ClientSampled :
C0044

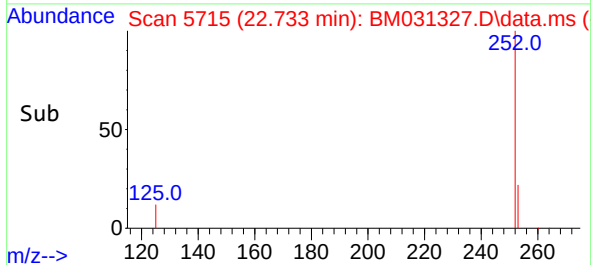
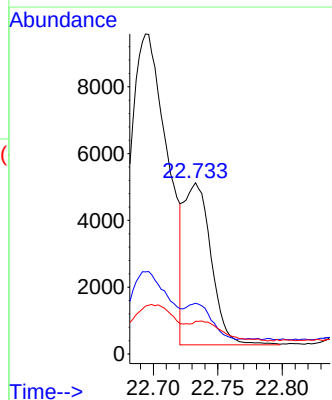
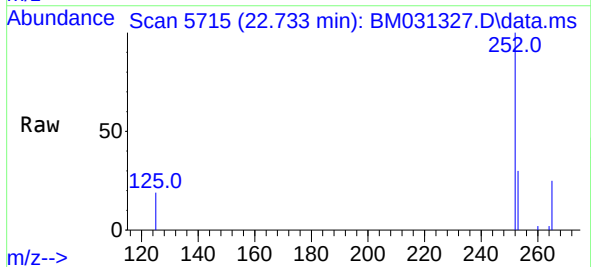
Manual Integrations
APPROVED

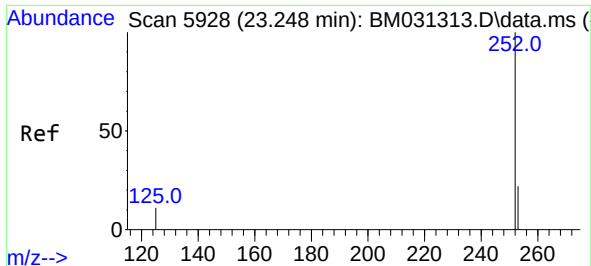
mohammad
8/2/2021 3:42:17 PM



#25
Benzo(k)fluoranthene
Concen: 0.302 ng/ul m
RT: 22.733 min Scan# 5715
Delta R.T. -0.007 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:	252	Resp:	7119
Ion Ratio	Lower	Upper	
252	100		
253	29.6	21.3	31.9
125	19.1	8.8	13.2#





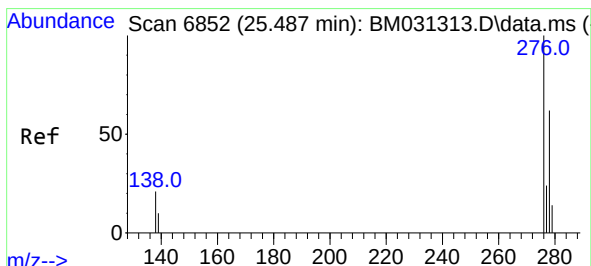
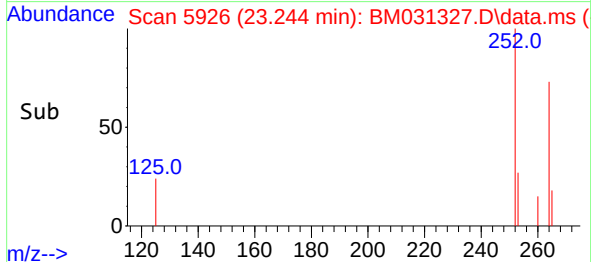
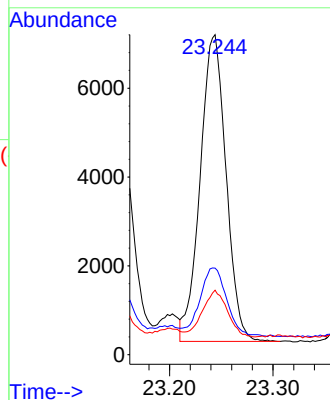
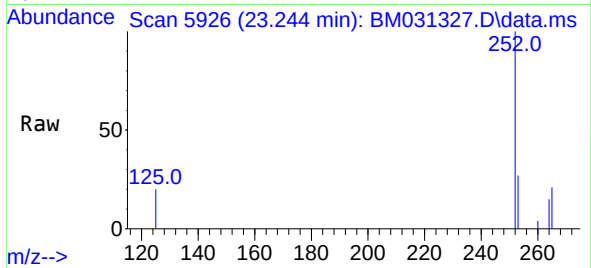
#26
Benzo(a)pyrene
Concen: 0.602 ng/ul
RT: 23.244 min Scan# 5926
Delta R.T. -0.004 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:	252	Resp:	12016
Ion Ratio	Lower	Upper	
252	100		
253	27.0	22.4	33.6
125	20.1	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0044

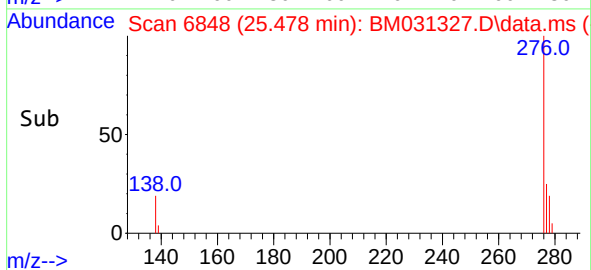
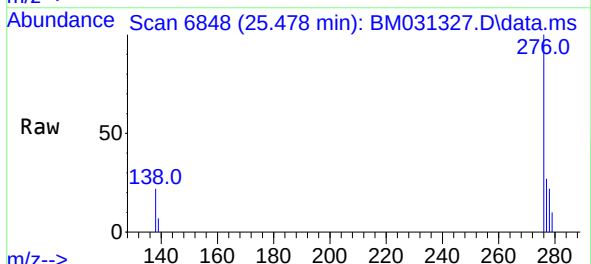
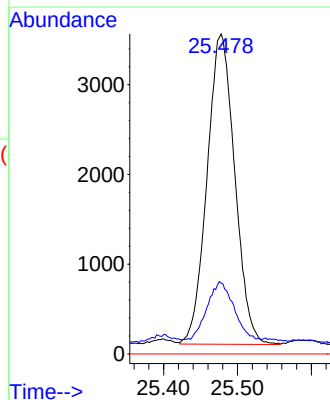
Manual Integrations
APPROVED

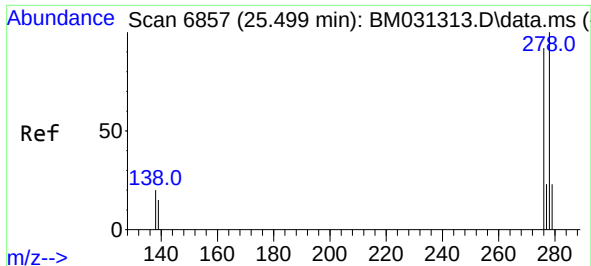
mohammad
8/2/2021 3:42:17 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 25.478 min Scan# 6848
Delta R.T. -0.012 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:	276	Resp:	9007
Ion Ratio	Lower	Upper	
276	100		
138	17.5	15.8	23.8
227	0.0	0.0	0.0





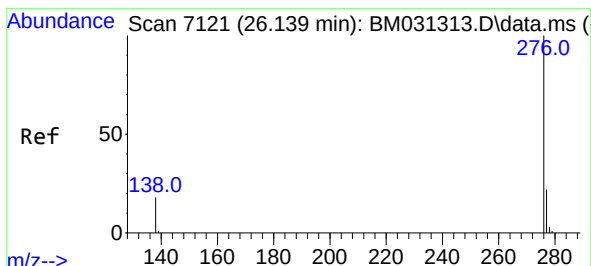
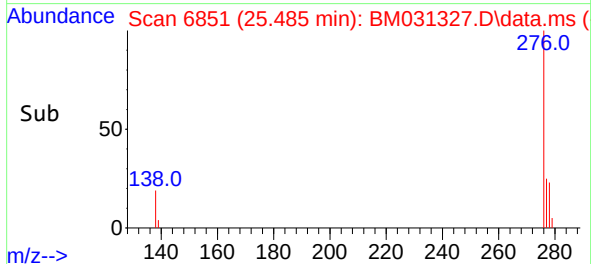
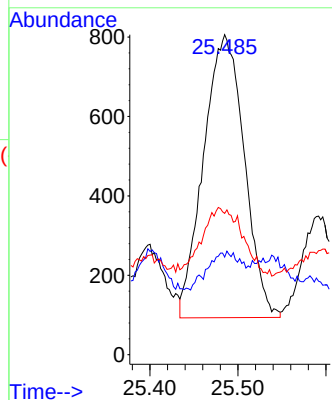
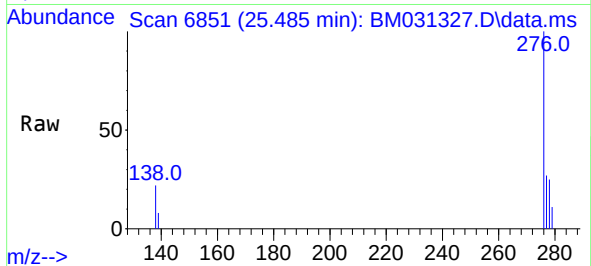
#28
Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 25.485 min Scan# 6851
Delta R.T. -0.019 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:	278	Resp:	2290
Ion Ratio	Lower	Upper	
278	100		
139	30.5	13.3	19.9#
279	44.2	22.8	34.2#

Instrument :
BNA_M
ClientSampled :
C0044

Manual Integrations
APPROVED

mohammad
8/2/2021 3:42:17 PM



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 26.134 min Scan# 7119
Delta R.T. -0.009 min
Lab File: BM031327.D
Acq: 01 Aug 2021 00:21

Tgt Ion:	276	Resp:	7821
Ion Ratio	Lower	Upper	
276	100		
138	22.7	15.4	23.2
277	25.8	19.9	29.9

