

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031687.D
 Acq On : 12 Aug 2021 21:16
 Operator : CG/JU
 Sample : M3182-06DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C4DL

Manual Integrations
 APPROVED

mohammad
 8/13/2021 5:14:29 PM

Quant Time: Aug 13 01:02:11 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 : Thu Aug 12 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	1399	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	4967	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.205	164	2679	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	5102	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.152	240	4260	0.400	ng/ul	# 0.00
23) Perylene-d12	23.307	264	4224	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	879	0.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	278	0.033	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	584	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.383	128	2937	0.199	ng/ul	97
7) 2-Methylnaphthalene	12.002	142	1937	0.192	ng/ul	97
8) 1-Methylnaphthalene	12.223	142	1235	0.124	ng/ul	100
10) Acenaphthylene	13.927	152	3576	0.313	ng/ul	99
11) Acenaphthene	14.269	153	456	0.047	ng/ul#	90
12) Fluorene	15.263	166	979	0.089	ng/ul#	89
15) Phenanthrene	16.999	178	22710	1.402	ng/ul	98
16) Anthracene	17.089	178	4645	0.306	ng/ul	98
19) Fluoranthene	19.020	202	51105	2.809	ng/ul	97
20) Pyrene	19.382	202	42147	2.284	ng/ul	97
21) Benzo(a)anthracene	21.135	228	21194	1.232	ng/ul	96
22) Chrysene	21.188	228	23947	1.346	ng/ul	97
24) Benzo(b)fluoranthene	22.667	252	31610m	1.661	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	11901m	0.605	ng/ul	
26) Benzo(a)pyrene	23.210	252	19634	1.178	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.434	276	14604	0.678	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.441	278	3509	0.202	ng/ul#	76
29) Benzo(g,h,i)perylene	26.088	276	3965	0.216	ng/ul#	87

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

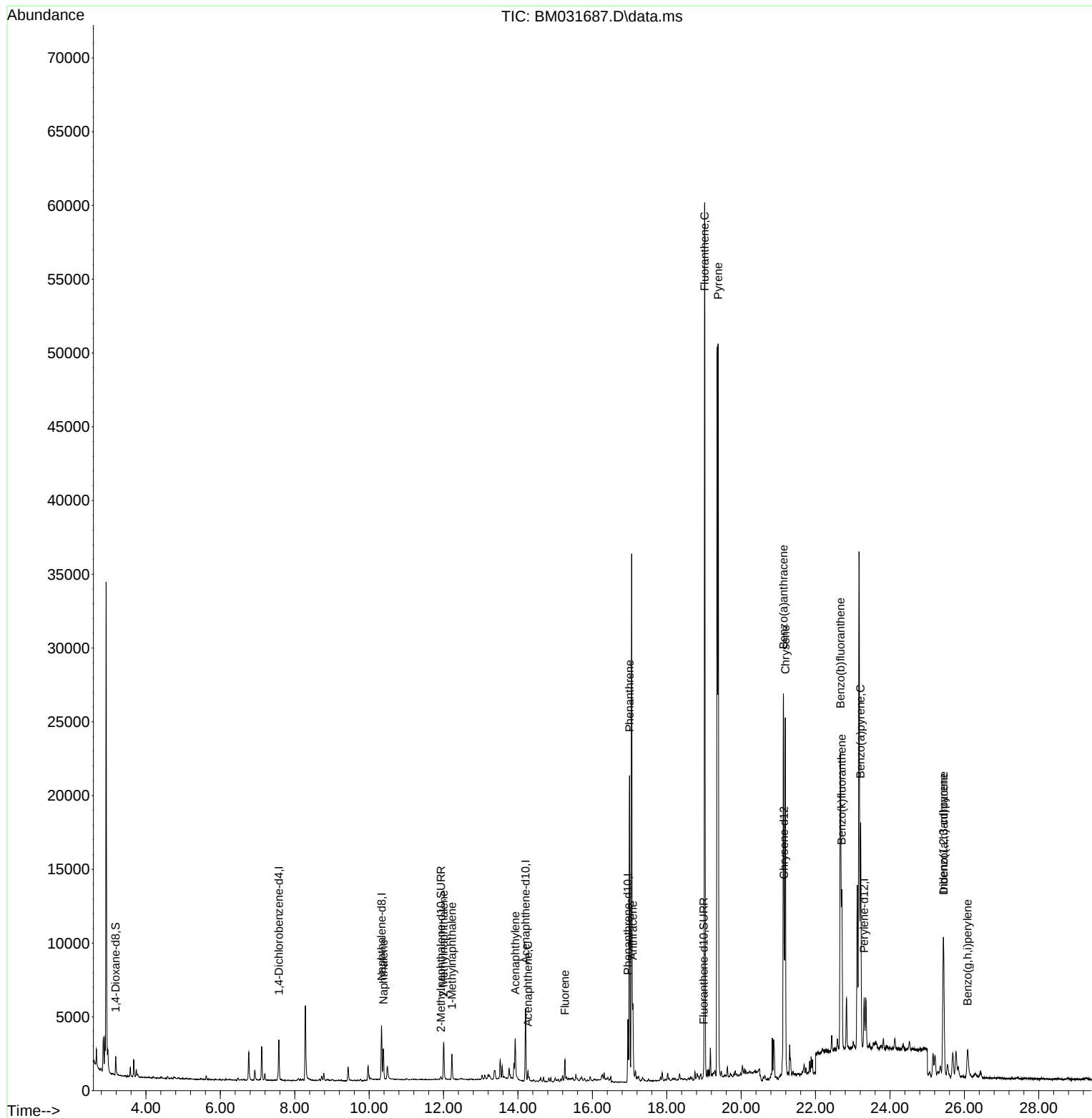
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031687.D
Acq On : 12 Aug 2021 21:16
Operator : CG/JU
Sample : M3182-06DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

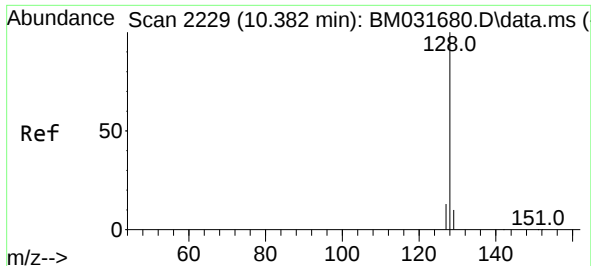
Instrument :
BNA_M
ClientSampleId :
C00C4DL

Manual Integrations
APPROVED

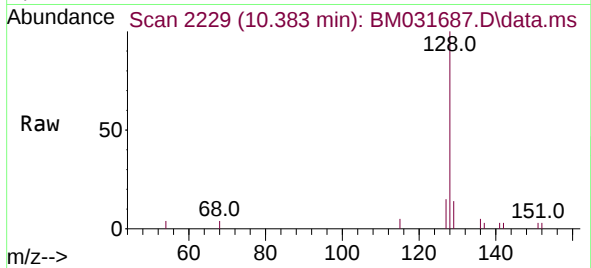
mohammad
8/13/2021 5:14:29 PM

Quant Time: Aug 13 01:02:11 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

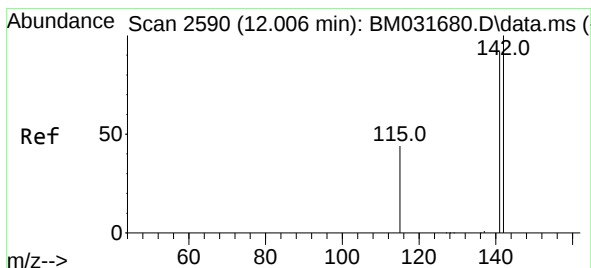
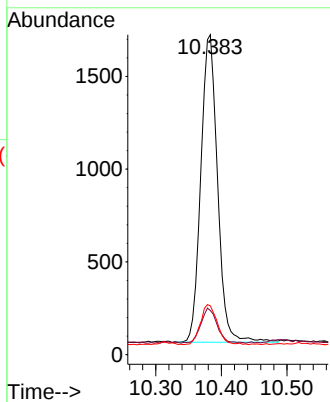
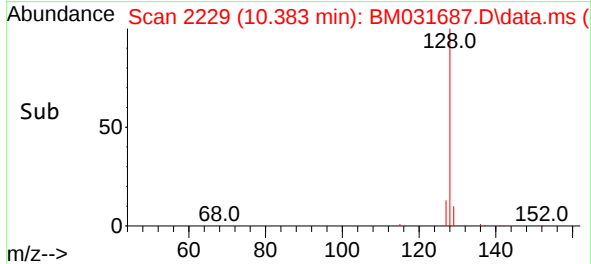




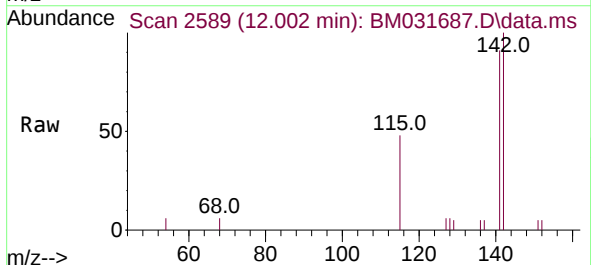
#5
Naphthalene
Concen: 0.199 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. 0.001 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16



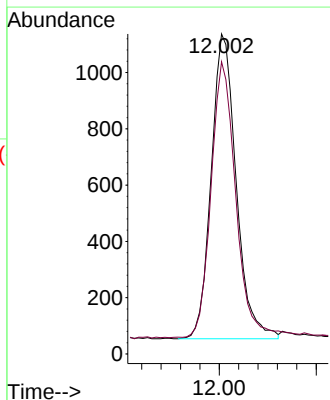
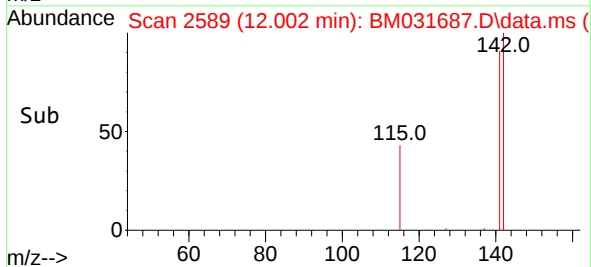
Tgt Ion:	128	Resp:	2937
Ion Ratio	Lower	Upper	
128	100		
129	13.8	10.0	15.0
127	15.2	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.192 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16



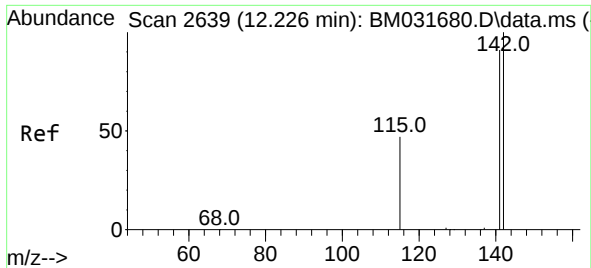
Tgt Ion:	142	Resp:	1937
Ion Ratio	Lower	Upper	
142	100		
141	91.6	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
C00C4DL

Manual Integrations
APPROVED

mohammad
8/13/2021 5:14:29 PM



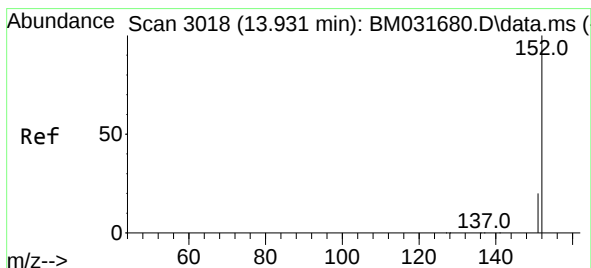
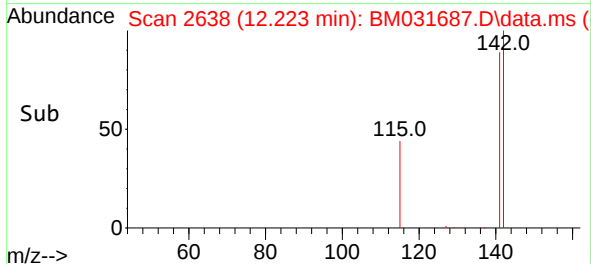
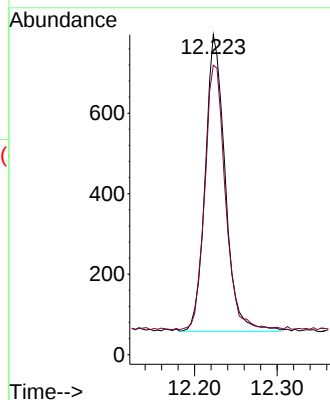
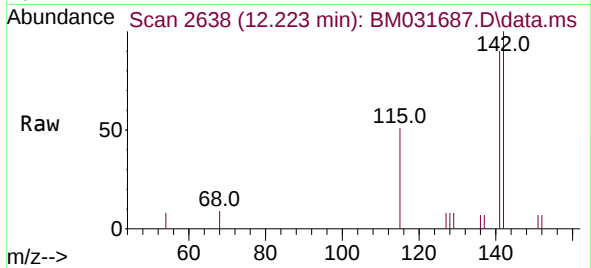
#8
1-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.004 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16

Tgt Ion:142 Resp: 1235
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1

Instrument :
BNA_M
ClientSampleId :
C00C4DL

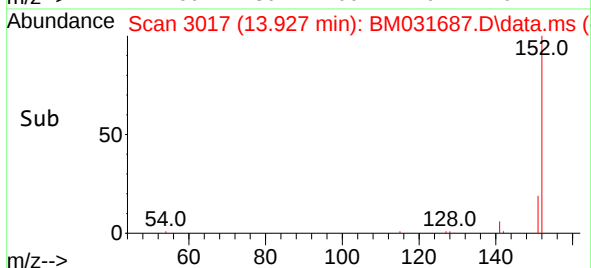
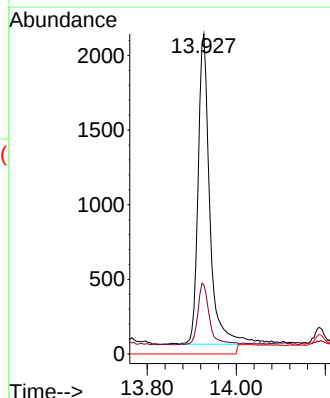
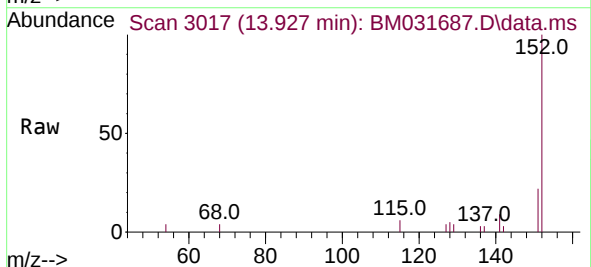
Manual Integrations
APPROVED

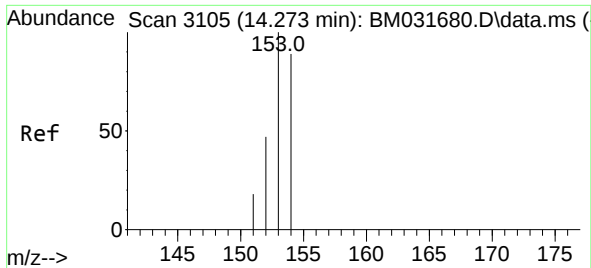
mohammad
8/13/2021 5:14:29 PM



#10
Acenaphthylene
Concen: 0.313 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.003 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16

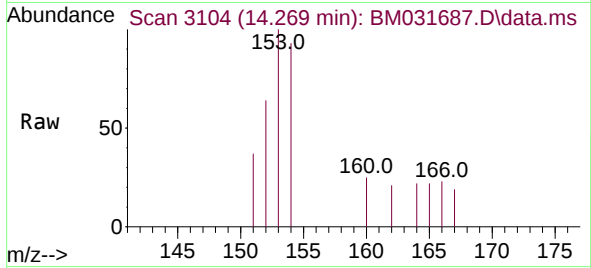
Tgt Ion:152 Resp: 3576
Ion Ratio Lower Upper
152 100
151 21.6 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.269 min Scan# 3104
Delta R.T. -0.003 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16

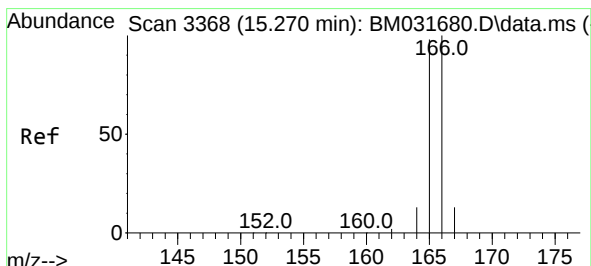
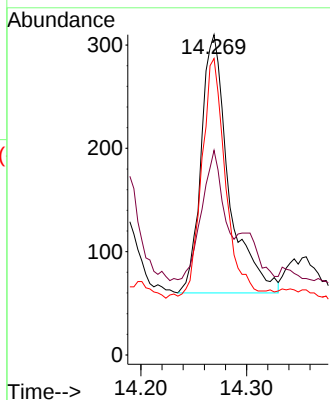
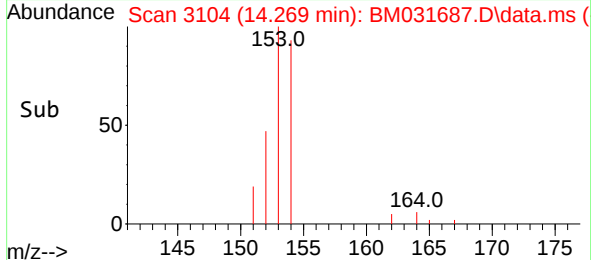
Instrument :
BNA_M
ClientSampleId :
C00C4DL



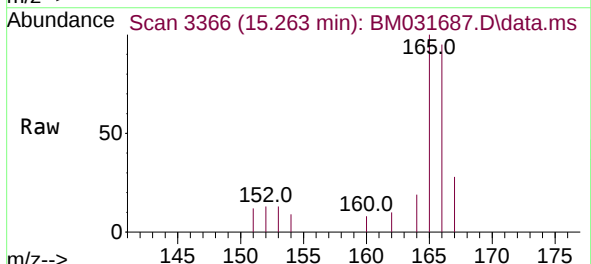
Tgt Ion:153 Resp: 456
Ion Ratio Lower Upper
153 100
152 63.9 40.7 61.1#
154 92.6 70.2 105.2

Manual Integrations
APPROVED

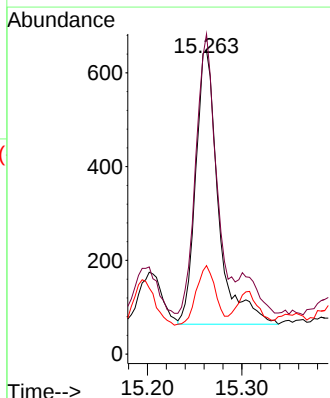
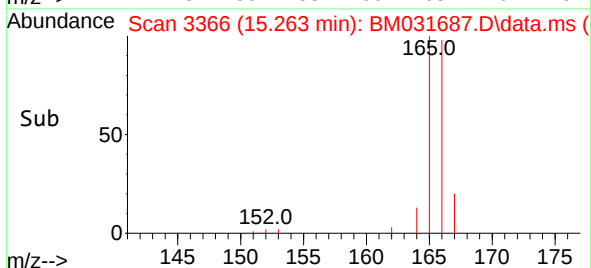
mohammad
8/13/2021 5:14:29 PM

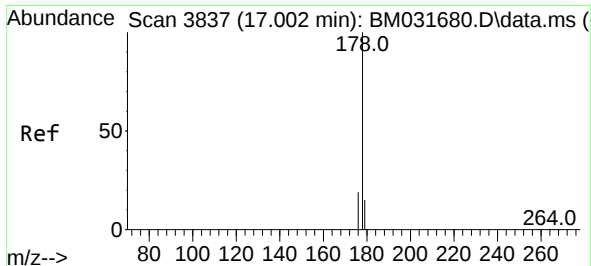


#12
Fluorene
Concen: 0.089 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.007 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16

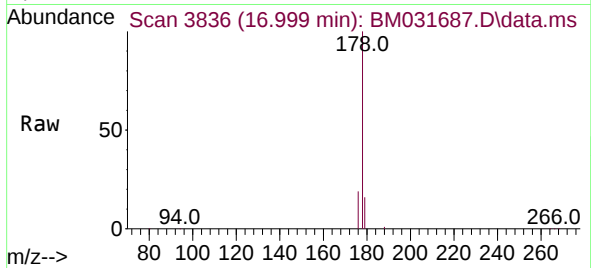


Tgt Ion:166 Resp: 979
Ion Ratio Lower Upper
166 100
165 105.4 78.0 117.0
167 29.2 12.0 18.0#

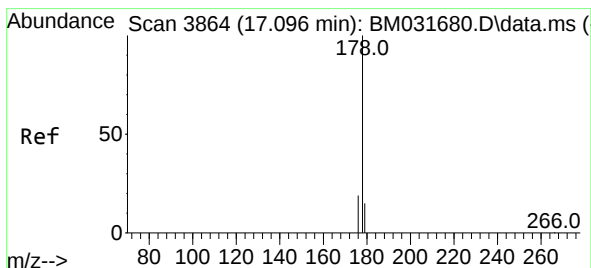
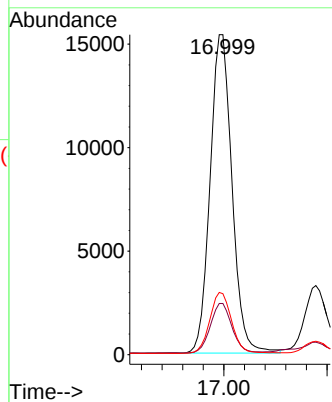
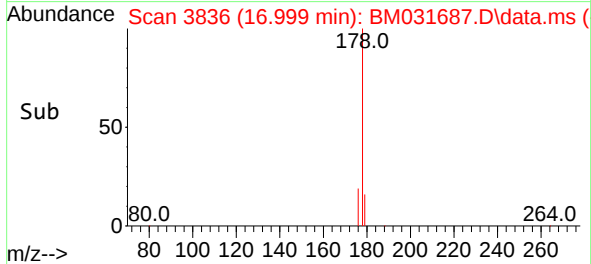




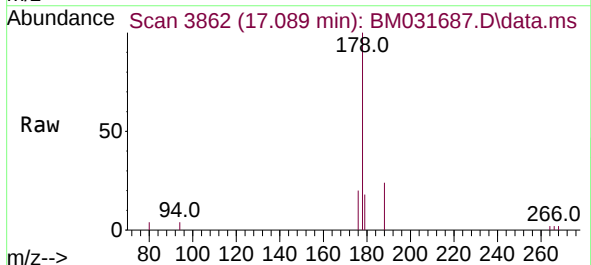
#15
Phenanthrene
Concen: 1.402 ng/u1
RT: 16.999 min Scan# 3836
Delta R.T. -0.003 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16



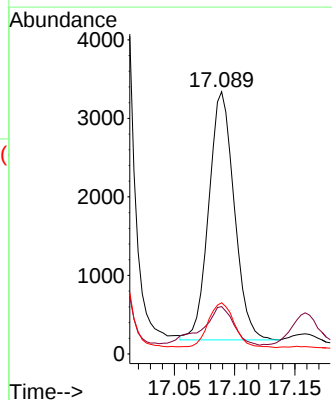
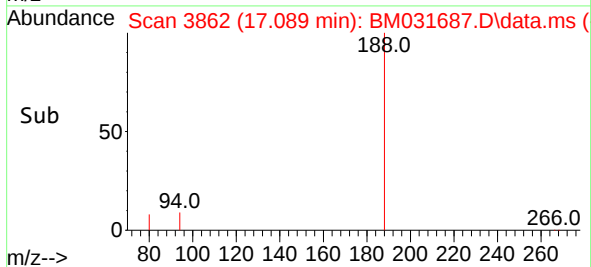
Tgt Ion:178 Resp: 22710
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.1 16.2 24.4



#16
Anthracene
Concen: 0.306 ng/u1
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16



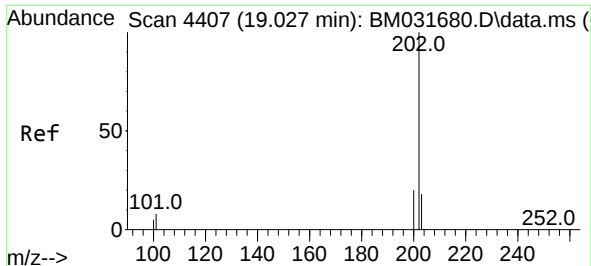
Tgt Ion:178 Resp: 4645
Ion Ratio Lower Upper
178 100
179 18.1 13.0 19.6
176 19.6 15.6 23.4



Instrument :
BNA_M
ClientSampleId :
C00C4DL

Manual Integrations
APPROVED

mohammad
8/13/2021 5:14:29 PM



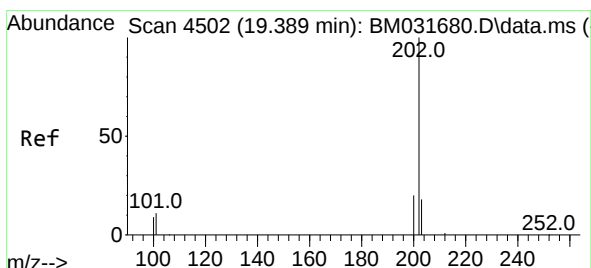
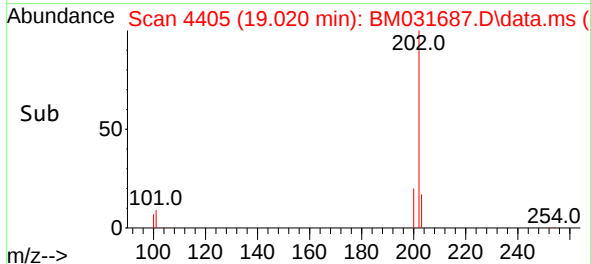
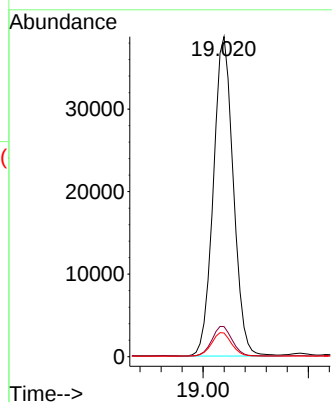
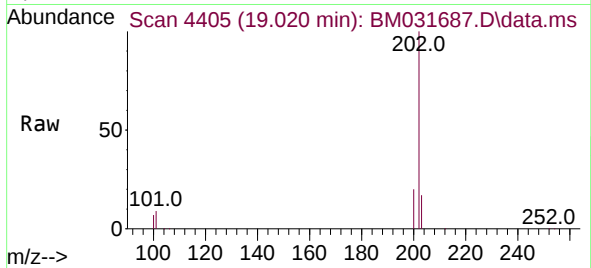
#19
Fluoranthene
Concen: 2.809 ng/u1
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16

Tgt Ion:	202	Resp:	51105
Ion Ratio	Lower	Upper	
202	100		
101	9.4	6.6	10.0
100	7.4	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
C00C4DL

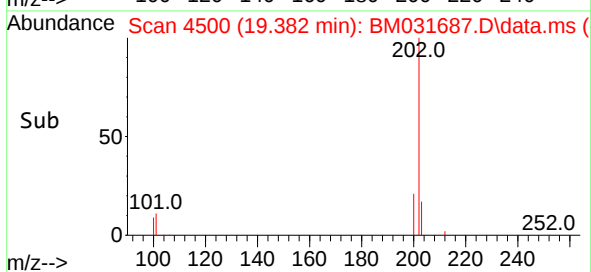
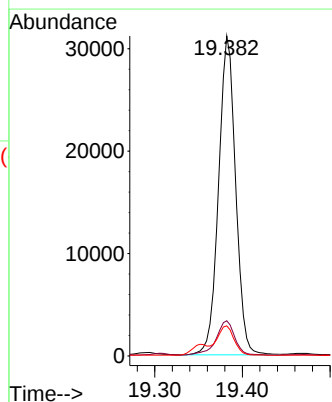
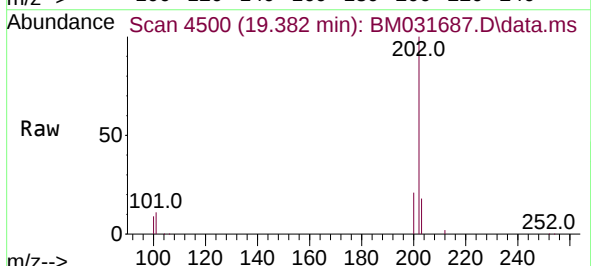
Manual Integrations
APPROVED

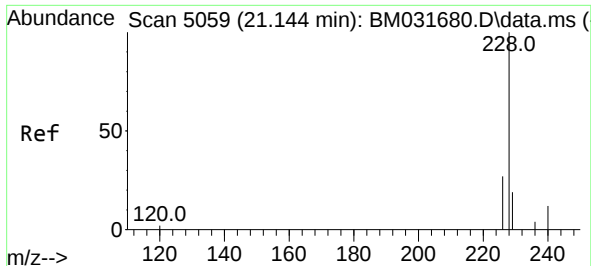
mohammad
8/13/2021 5:14:29 PM



#20
Pyrene
Concen: 2.284 ng/u1
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16

Tgt Ion:	202	Resp:	42147
Ion Ratio	Lower	Upper	
202	100		
101	11.0	7.8	11.6
100	9.4	6.6	10.0





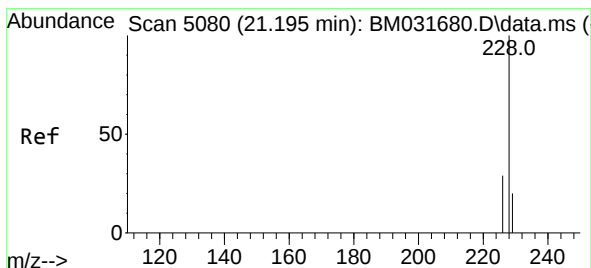
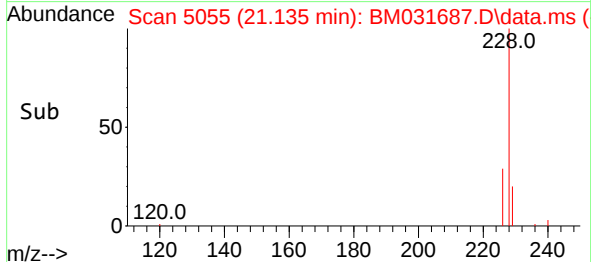
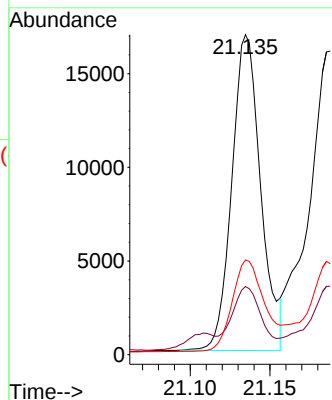
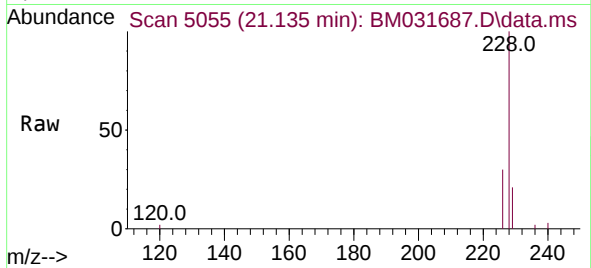
#21
Benzo(a)anthracene
Concen: 1.232 ng/ul
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16

Tgt Ion:228	Resp:	21194
Ion Ratio	Lower	Upper
228	100	
229	21.3	15.6 23.4
226	29.6	21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00C4DL

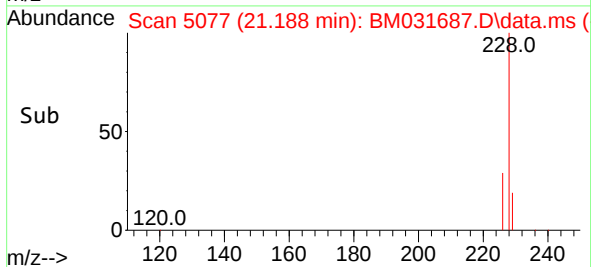
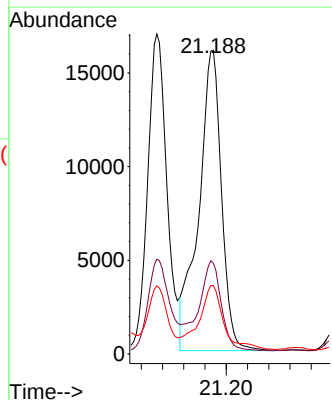
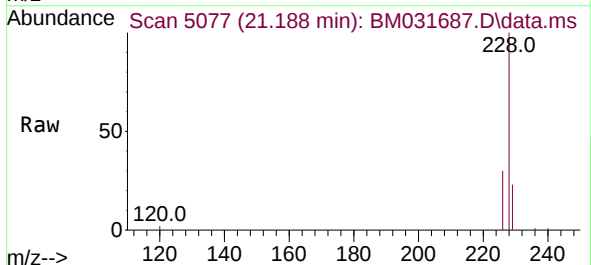
Manual Integrations
APPROVED

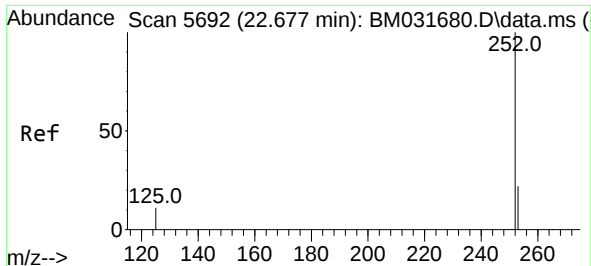
mohammad
8/13/2021 5:14:29 PM



#22
Chrysene
Concen: 1.346 ng/ul
RT: 21.188 min Scan# 5077
Delta R.T. -0.007 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16

Tgt Ion:228	Resp:	23947
Ion Ratio	Lower	Upper
228	100	
226	29.9	24.7 37.1
229	22.6	16.2 24.2





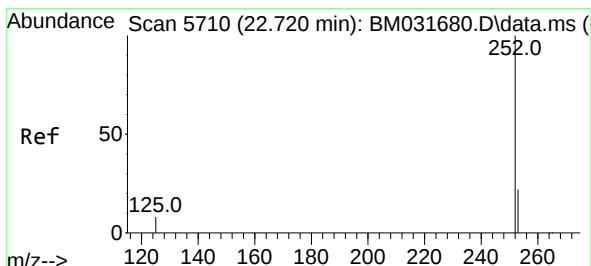
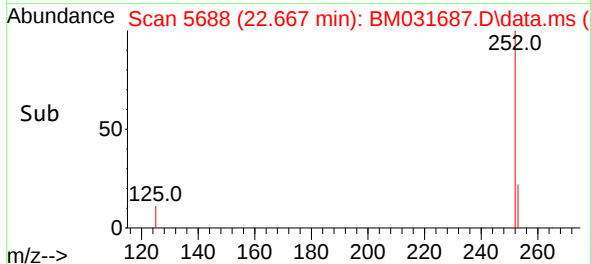
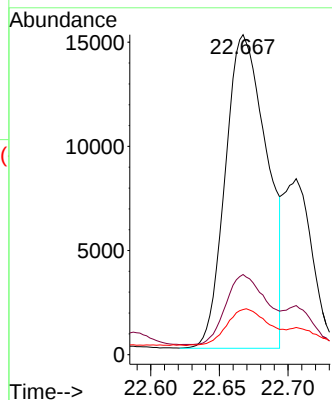
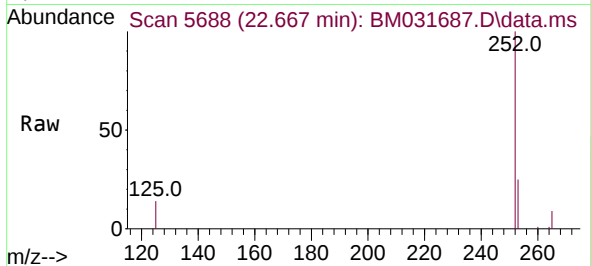
#24
Benzo(b)fluoranthene
Concen: 1.661 ng/ul m
RT: 22.667 min Scan# 5688
Delta R.T. -0.009 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16

Tgt Ion:	252	Resp:	31610
Ion Ratio	Lower	Upper	
252	100		
253	25.1	0.0	53.0
125	14.1	0.0	22.8

Instrument :
BNA_M
ClientSampleId :
C00C4DL

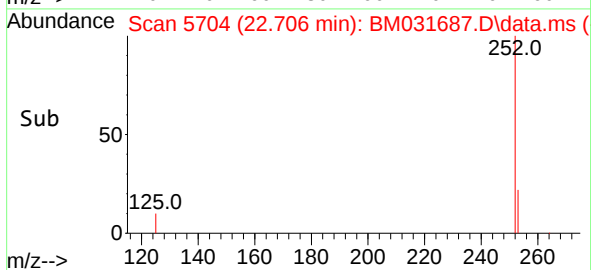
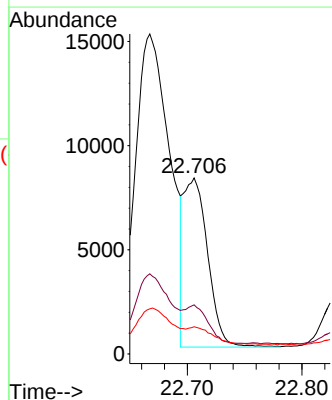
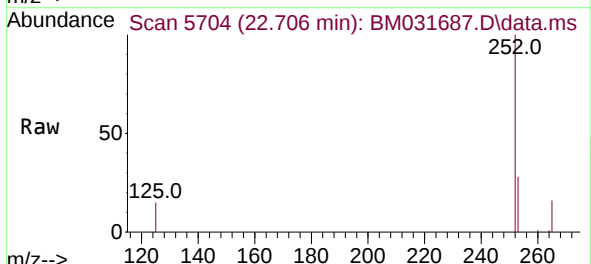
Manual Integrations
APPROVED

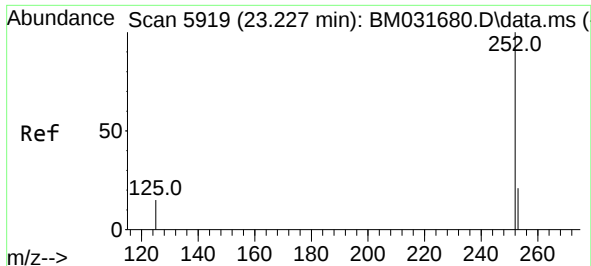
mohammad
8/13/2021 5:14:29 PM



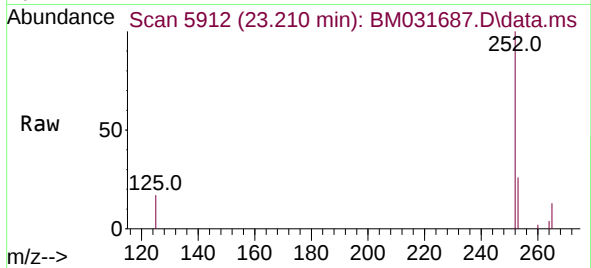
#25
Benzo(k)fluoranthene
Concen: 0.605 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.014 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16

Tgt Ion:	252	Resp:	11901
Ion Ratio	Lower	Upper	
252	100		
253	27.9	21.3	31.9
125	15.5	8.8	13.2

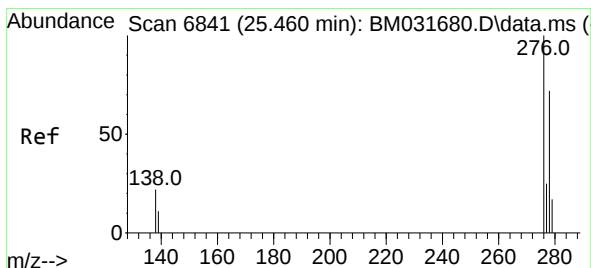
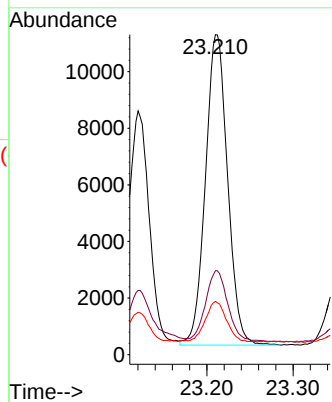
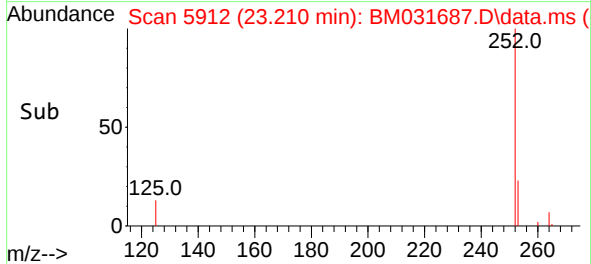




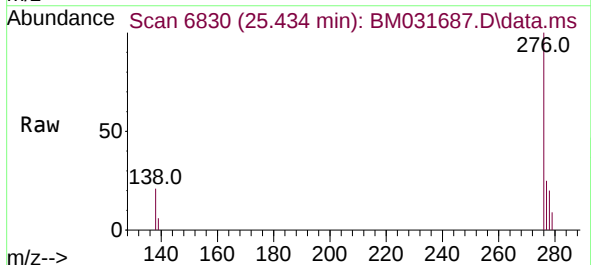
#26
Benzo(a)pyrene
Concen: 1.178 ng/ul
RT: 23.210 min Scan# 5912
Delta R.T. -0.017 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16



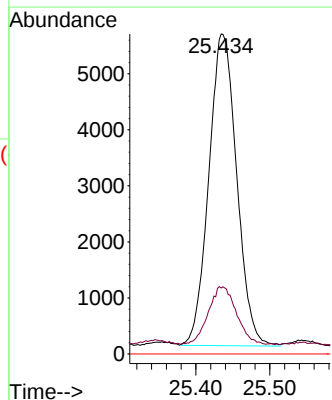
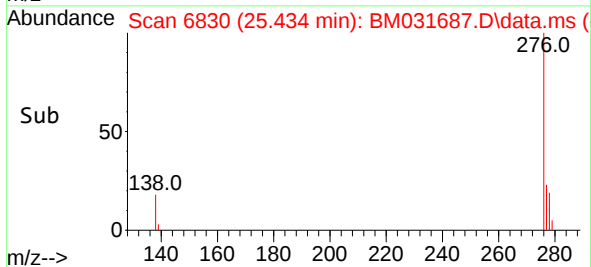
Tgt Ion:252 Resp: 19634
Ion Ratio Lower Upper
252 100
253 26.3 22.4 33.6
125 16.7 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.678 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.026 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16



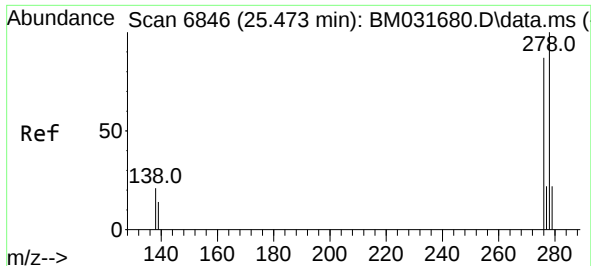
Tgt Ion:276 Resp: 14604
Ion Ratio Lower Upper
276 100
138 18.6 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C00C4DL

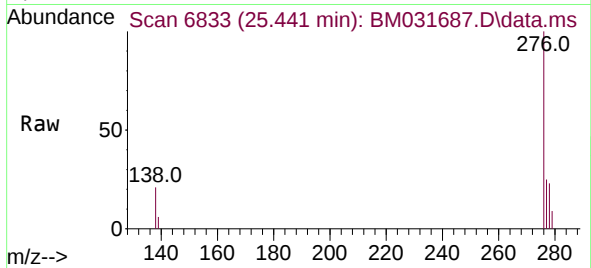
Manual Integrations
APPROVED

mohammad
8/13/2021 5:14:29 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.202 ng/ul
RT: 25.441 min Scan# 6833
Delta R.T. -0.031 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16

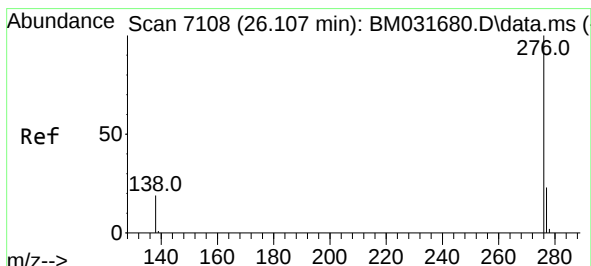
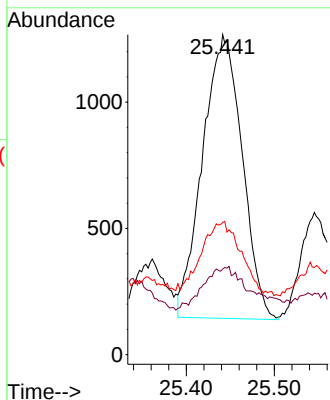
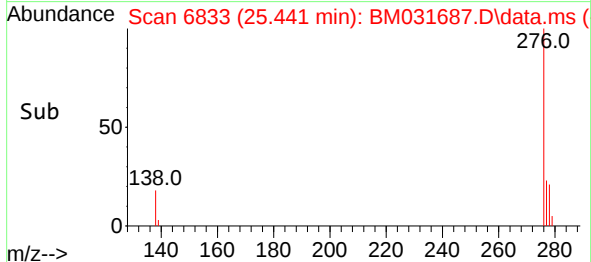
Instrument :
BNA_M
ClientSampleId :
C00C4DL



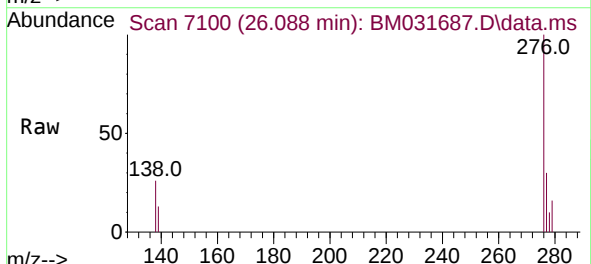
Tgt Ion:278 Resp: 3509
Ion Ratio Lower Upper
278 100
139 26.8 13.3 19.9#
279 41.4 22.8 34.2#

Manual Integrations
APPROVED

mohammad
8/13/2021 5:14:29 PM



#29
Benzo(g,h,i)perylene
Concen: 0.216 ng/ul
RT: 26.088 min Scan# 7100
Delta R.T. -0.019 min
Lab File: BM031687.D
Acq: 12 Aug 2021 21:16



Tgt Ion:276 Resp: 3965
Ion Ratio Lower Upper
276 100
138 26.5 15.4 23.2#
277 30.3 19.9 29.9#

