

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031308.D
 Acq On : 31 Jul 2021 12:39
 Operator : CG/JU
 Sample : M3091-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0054

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:13 PM

Quant Time: Aug 02 01:07:58 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	7.607	152	1278	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	4724	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.239	164	2888	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	5671	0.400	ng/ul	0.00
17) Chrysene-d12	21.176	240	5018	0.400	ng/ul	0.00
23) Perylene-d12	23.343	264	5717	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3707	2.612	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	1277	0.160	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	3063	0.183	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	456	0.032	ng/ul#	66
7) 2-Methylnaphthalene	12.038	142	405	0.042	ng/ul	100
8) 1-Methylnaphthalene	12.259	142	271	0.029	ng/ul	98
10) Acenaphthylene	13.959	152	1045	0.085	ng/ul#	90
15) Phenanthrene	17.027	178	3555	0.197	ng/ul	99
16) Anthracene	17.117	178	1341	0.080	ng/ul#	88
19) Fluoranthene	19.047	202	7359	0.343	ng/ul	96
20) Pyrene	19.409	202	7867	0.362	ng/ul	97
21) Benzo(a)anthracene	21.161	228	3980	0.196	ng/ul#	88
22) Chrysene	21.212	228	5726	0.273	ng/ul#	93
24) Benzo(b)fluoranthene	22.699	252	9555m	0.371	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	2739m	0.103	ng/ul	
26) Benzo(a)pyrene	23.244	252	4454	0.197	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.482	276	3802	0.130	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.492	278	1019	0.043	ng/ul#	26
29) Benzo(g,h,i)perylene	26.139	276	3185	0.128	ng/ul#	84

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

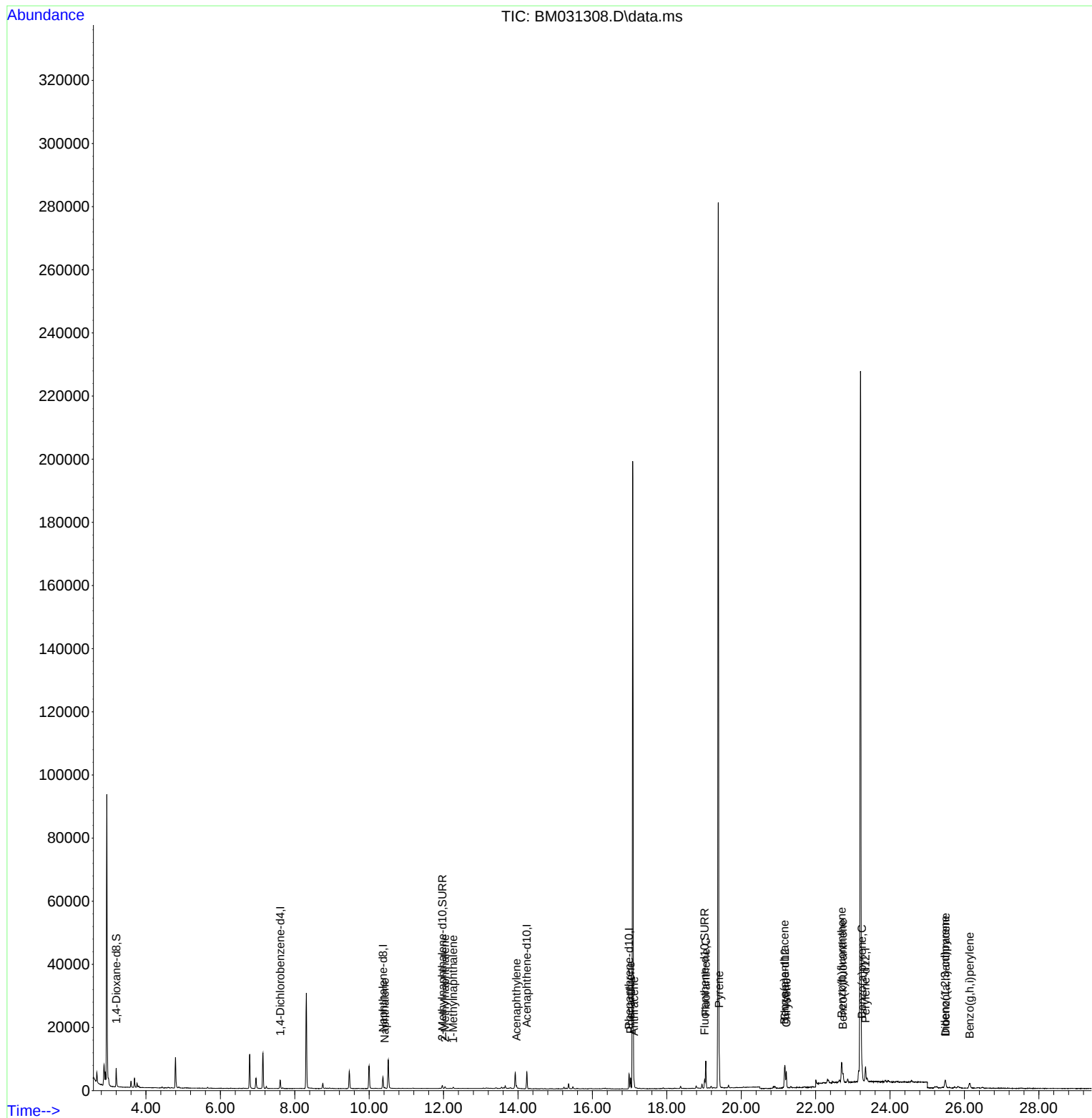
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031308.D
Acq On : 31 Jul 2021 12:39
Operator : CG/JU
Sample : M3091-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

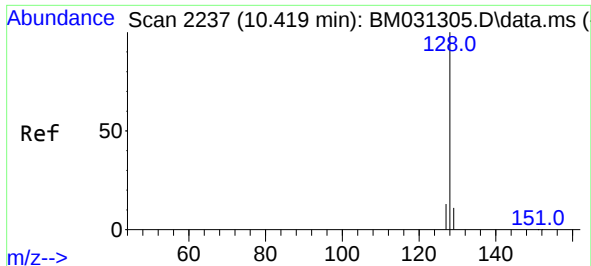
Instrument :
BNA_M
ClientSampleId :
C0054

Manual Integrations
APPROVED

mohammad
8/2/2021 3:41:13 PM

Quant Time: Aug 02 01:07:58 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





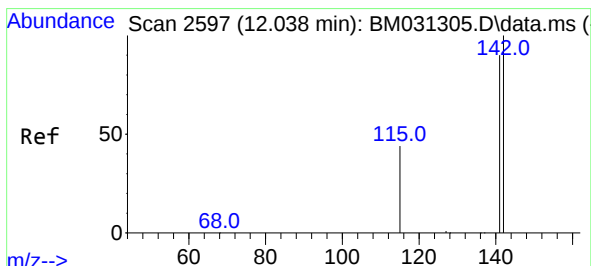
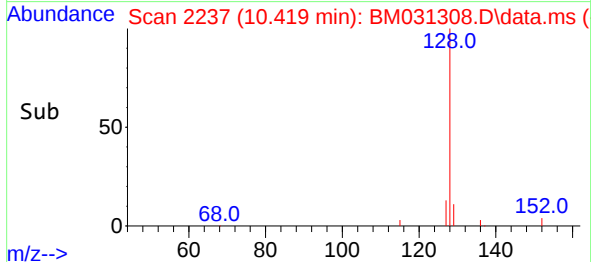
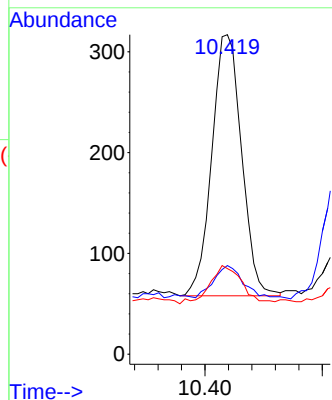
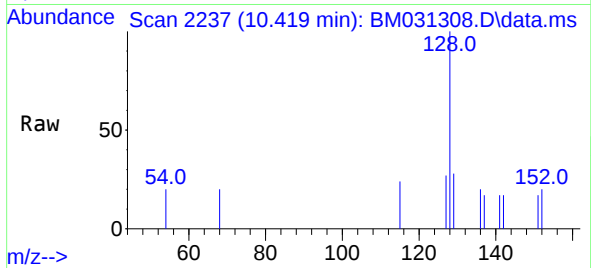
#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39

Tgt Ion:	128	Resp:	456
Ion	Ratio	Lower	Upper
128	100		
129	27.8	10.0	15.0#
127	26.8	11.6	17.4#

Instrument :
BNA_M
ClientSampled :
C0054

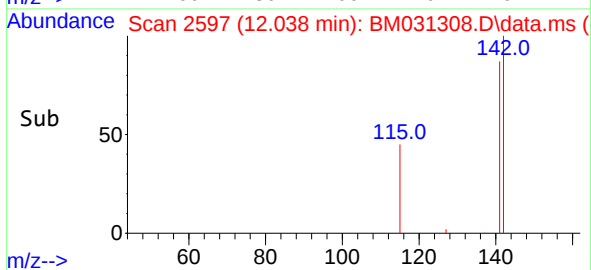
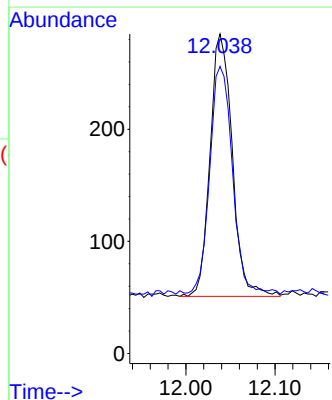
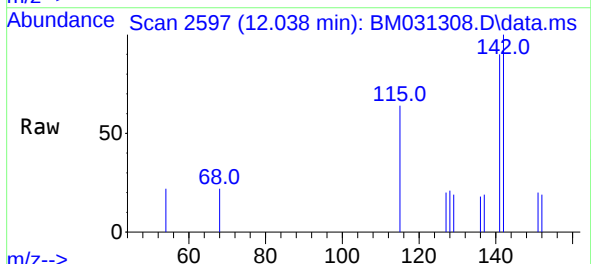
Manual Integrations
APPROVED

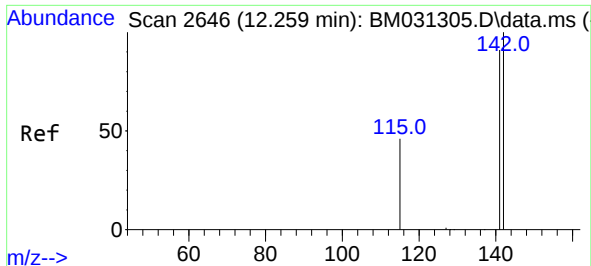
mohammad
8/2/2021 3:41:13 PM



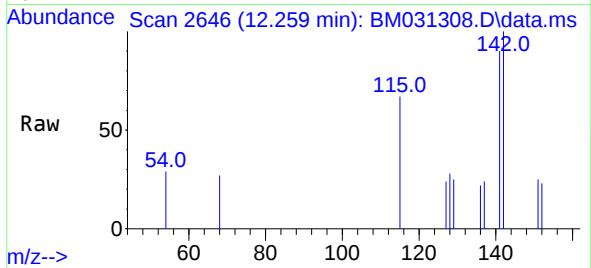
#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.038 min Scan# 2597
Delta R.T. -0.003 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39

Tgt Ion:	142	Resp:	405
Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.0

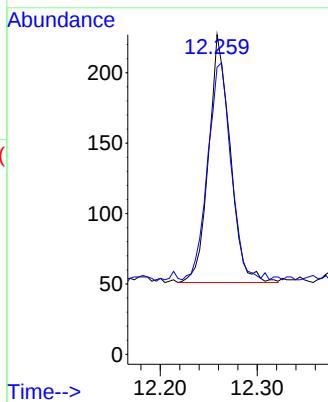
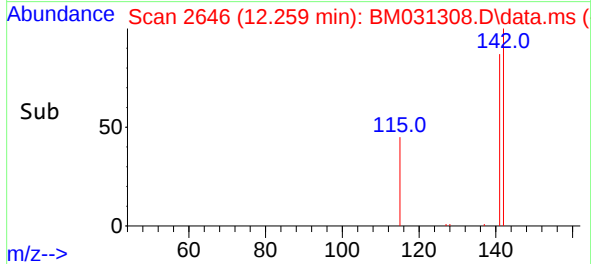




#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39



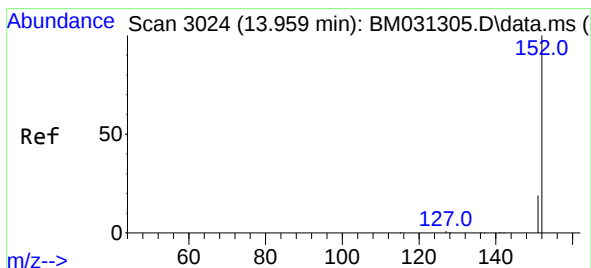
Tgt Ion:142 Resp: 271
Ion Ratio Lower Upper
142 100
141 94.5 74.1 111.1



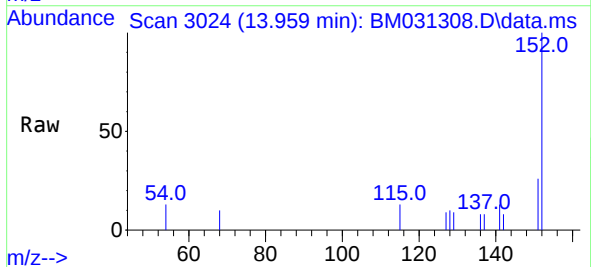
Instrument :
BNA_M
ClientSampled :
C0054

Manual Integrations
APPROVED

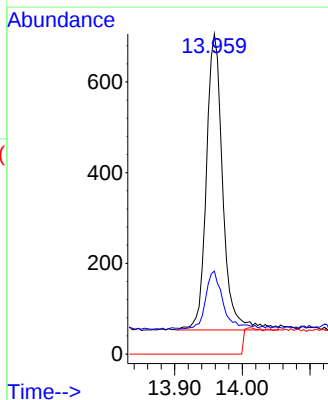
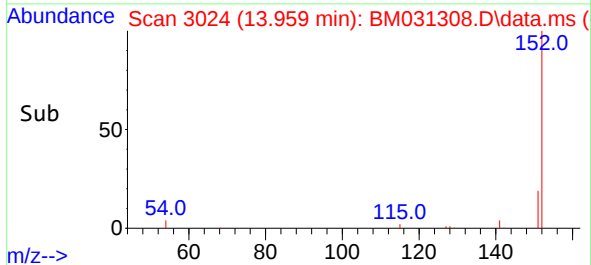
mohammad
8/2/2021 3:41:13 PM

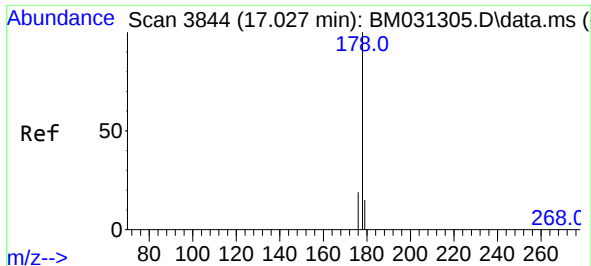


#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39



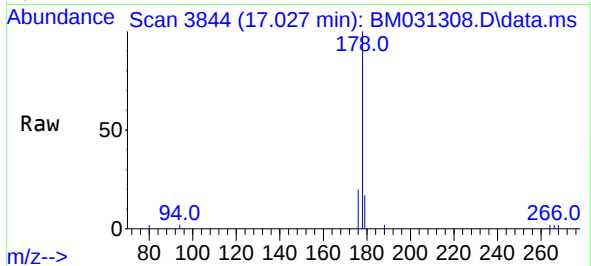
Tgt Ion:152 Resp: 1045
Ion Ratio Lower Upper
152 100
151 25.9 16.9 25.3#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.197 ng/ul
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39

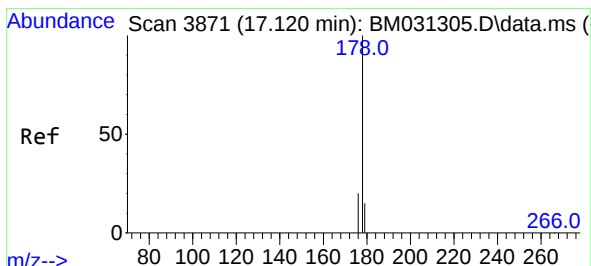
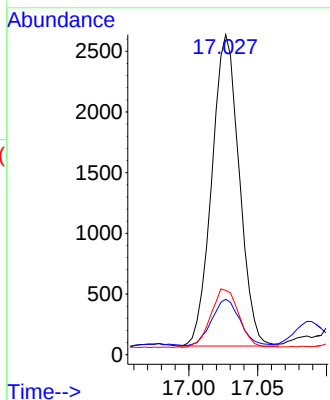
Instrument :
BNA_M
ClientSampled :
C0054



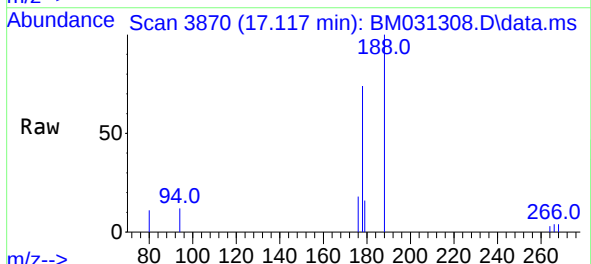
Tgt Ion:	178	Resp:	3555
Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.3	19.9
176	20.1	16.2	24.4

Manual Integrations
APPROVED

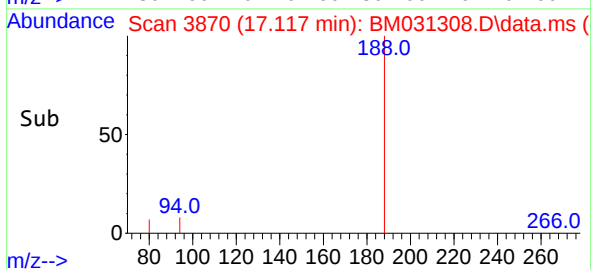
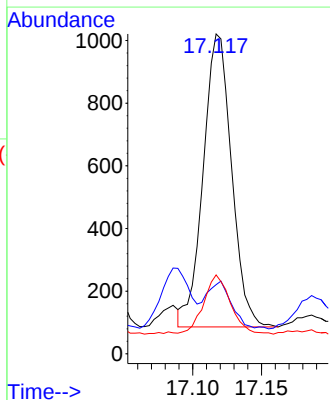
mohammad
8/2/2021 3:41:13 PM

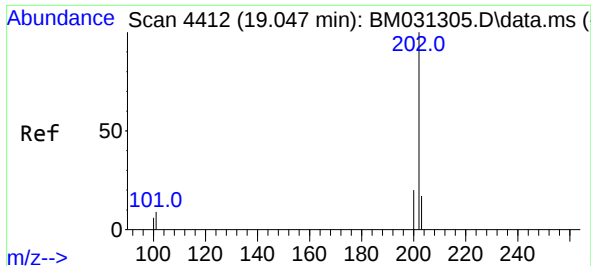


#16
Anthracene
Concen: 0.080 ng/ul
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39



Tgt Ion:	178	Resp:	1341
Ion	Ratio	Lower	Upper
178	100		
179	21.6	13.0	19.6#
176	24.7	15.6	23.4#





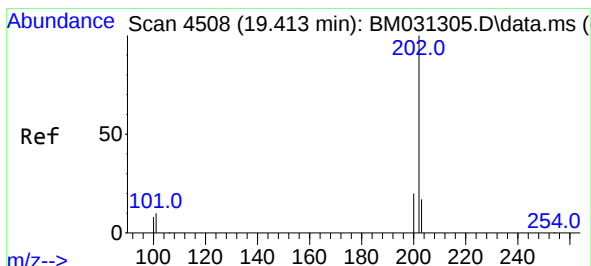
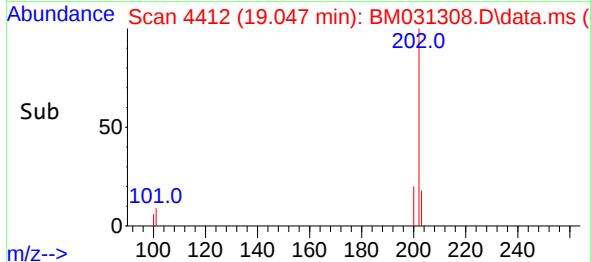
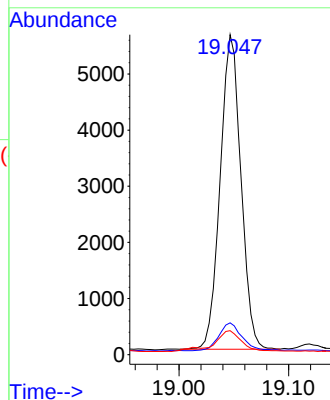
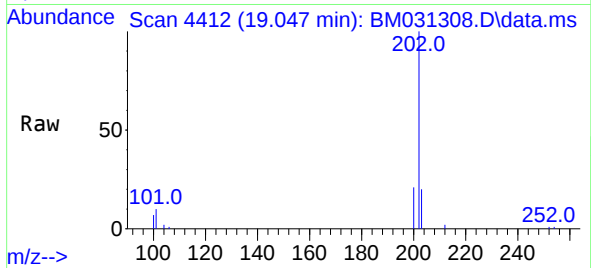
#19
Fluoranthene
Concen: 0.343 ng/ul
RT: 19.047 min Scan# 4412
Delta R.T. -0.003 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39

Tgt Ion:	202	Resp:	7359
Ion Ratio	Lower	Upper	
202	100		
101	9.9	6.6	10.0
100	7.5	5.4	8.0

Instrument :
BNA_M
ClientSampled :
C0054

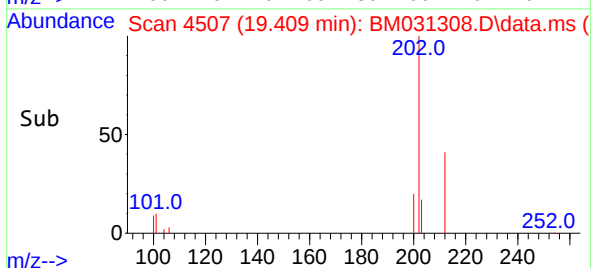
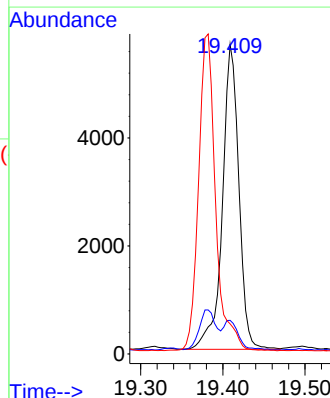
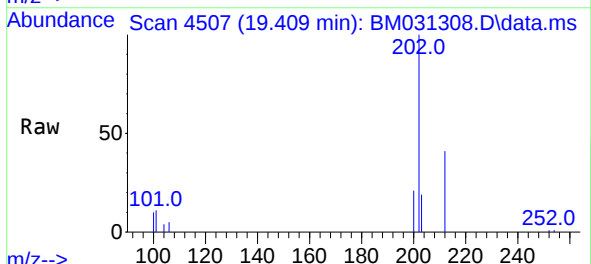
Manual Integrations
APPROVED

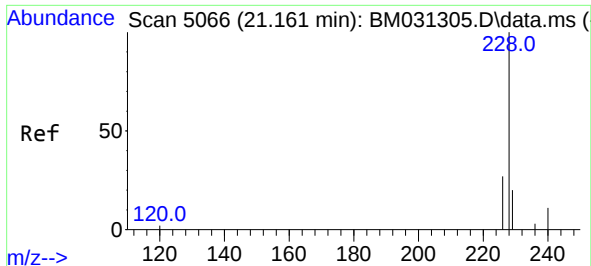
mohammad
8/2/2021 3:41:13 PM



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.409 min Scan# 4507
Delta R.T. -0.003 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39

Tgt Ion:	202	Resp:	7867
Ion Ratio	Lower	Upper	
202	100		
101	10.8	7.8	11.6
100	9.7	6.6	10.0





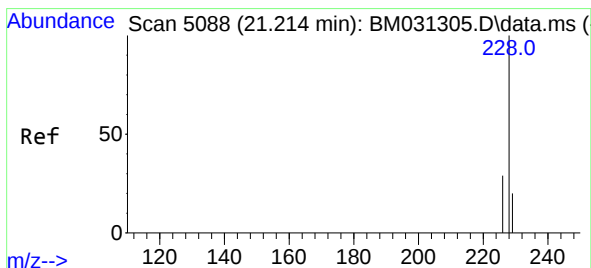
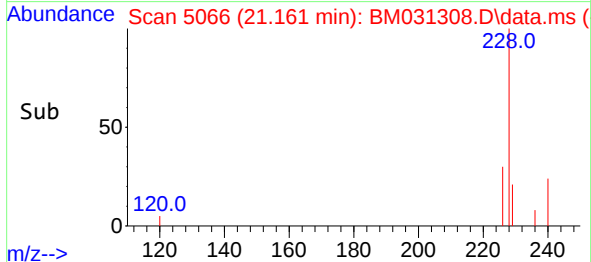
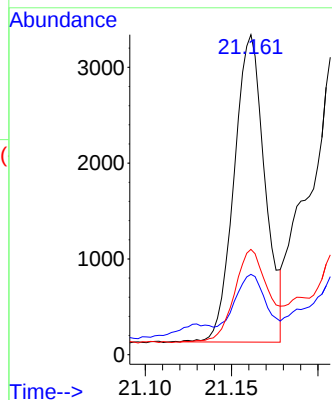
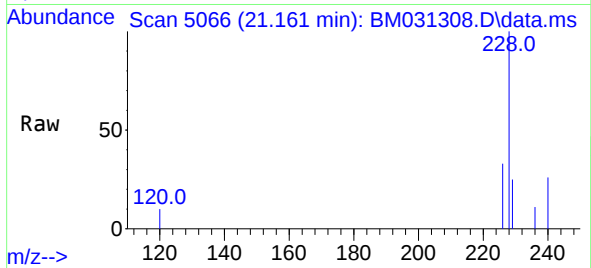
#21
Benzo(a)anthracene
Concen: 0.196 ng/u1
RT: 21.161 min Scan# 5066
Delta R.T. 0.000 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39

Tgt Ion:228 Resp: 3980
Ion Ratio Lower Upper
228 100
229 25.1 15.6 23.4#
226 32.9 21.7 32.5#

Instrument :
BNA_M
ClientSampled :
C0054

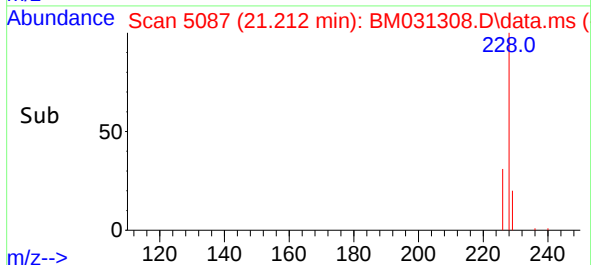
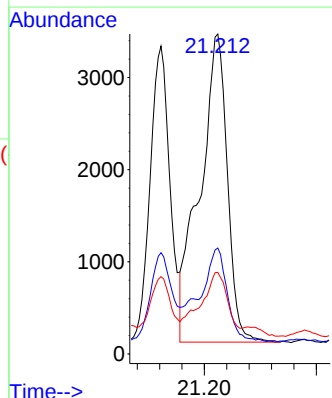
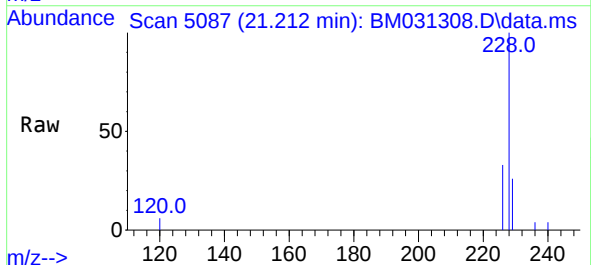
Manual Integrations
APPROVED

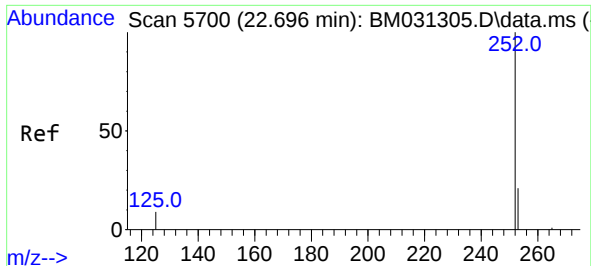
mohammad
8/2/2021 3:41:13 PM



#22
Chrysene
Concen: 0.273 ng/u1
RT: 21.212 min Scan# 5087
Delta R.T. -0.002 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39

Tgt Ion:228 Resp: 5726
Ion Ratio Lower Upper
228 100
226 33.1 24.7 37.1
229 25.5 16.2 24.2#





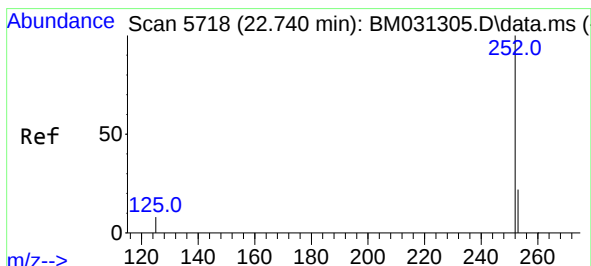
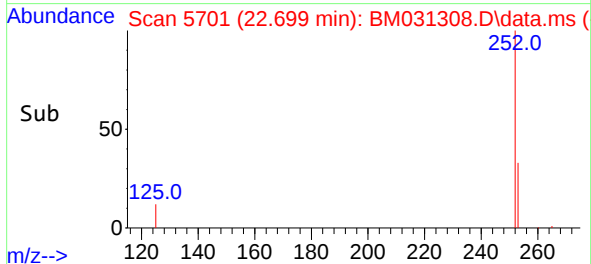
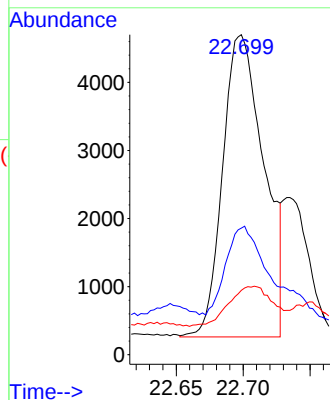
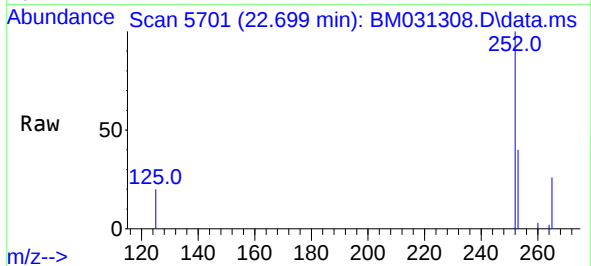
#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul m
RT: 22.699 min Scan# 5701
Delta R.T. 0.000 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39

Tgt Ion:	252	Resp:	9555
Ion Ratio	Lower	Upper	
252	100		
253	39.5	0.0	53.0
125	20.1	0.0	22.8

Instrument :
BNA_M
ClientSampled :
C0054

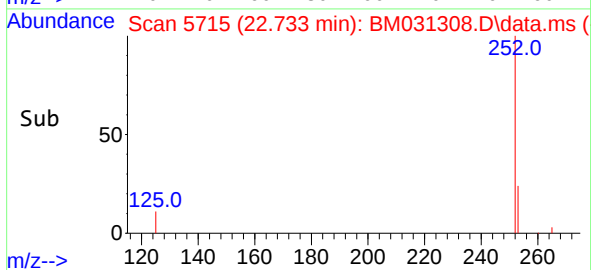
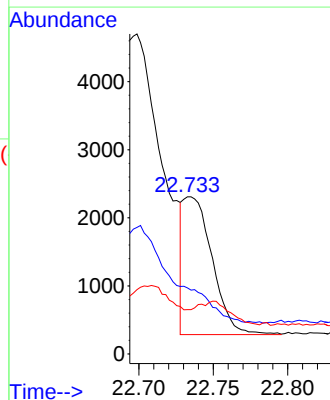
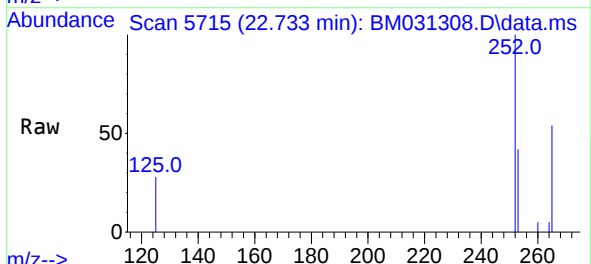
Manual Integrations
APPROVED

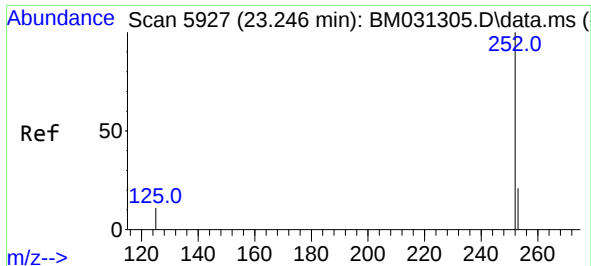
mohammad
8/2/2021 3:41:13 PM



#25
Benzo(k)fluoranthene
Concen: 0.103 ng/ul m
RT: 22.733 min Scan# 5715
Delta R.T. -0.007 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39

Tgt Ion:	252	Resp:	2739
Ion Ratio	Lower	Upper	
252	100		
253	42.1	21.3	31.9#
125	28.2	8.8	13.2#





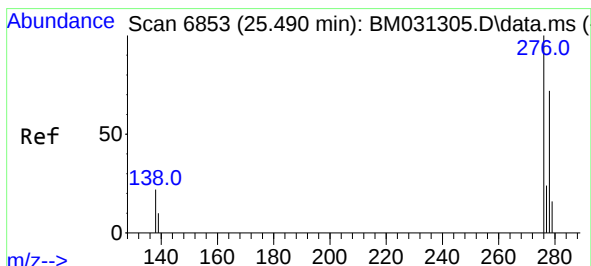
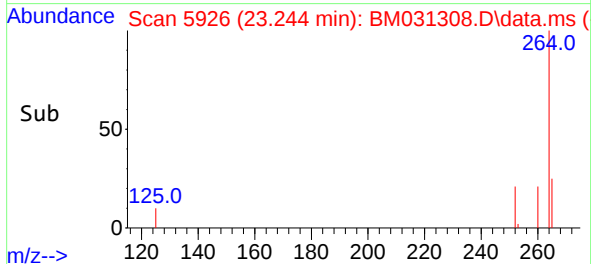
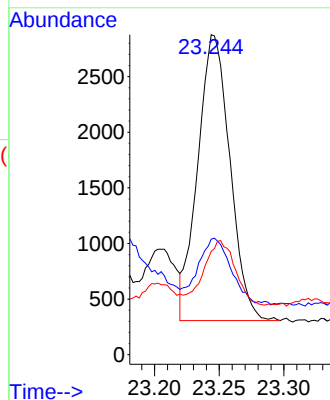
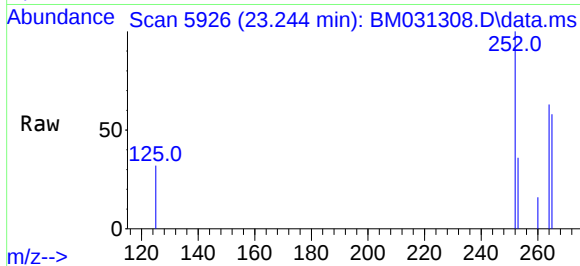
#26
Benzo(a)pyrene
Concen: 0.197 ng/ul
RT: 23.244 min Scan# 5926
Delta R.T. -0.005 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39

Tgt Ion:	252	Resp:	4454
Ion Ratio	Lower	Upper	
252	100		
253	36.1	22.4	33.6#
125	32.3	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0054

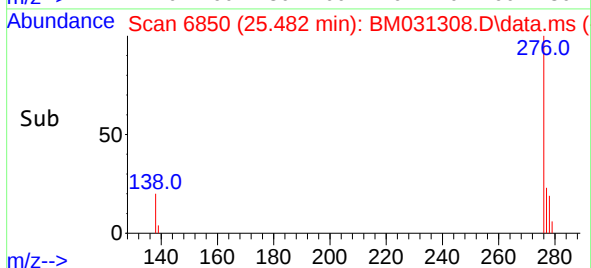
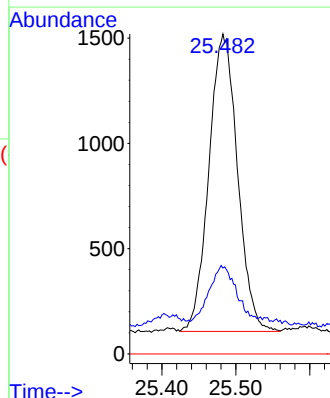
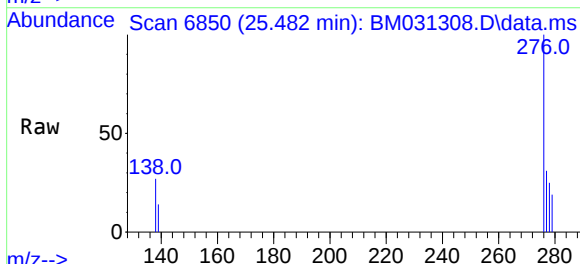
Manual Integrations
APPROVED

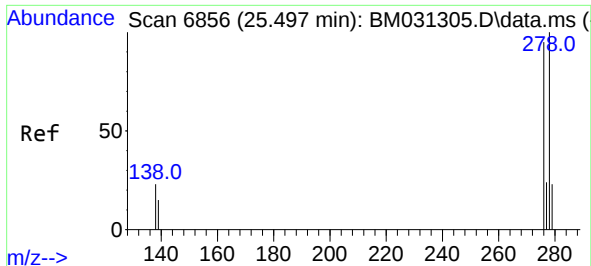
mohammad
8/2/2021 3:41:13 PM



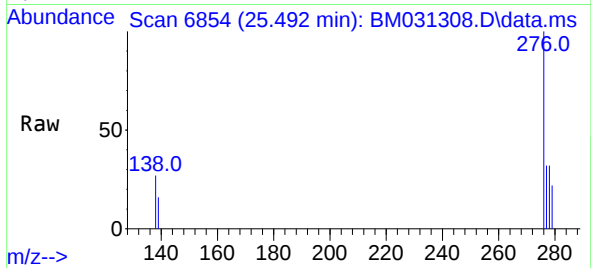
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.130 ng/ul
RT: 25.482 min Scan# 6850
Delta R.T. -0.007 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39

Tgt Ion:	276	Resp:	3802
Ion Ratio	Lower	Upper	
276	100		
138	20.2	15.8	23.8
227	0.0	0.0	0.0

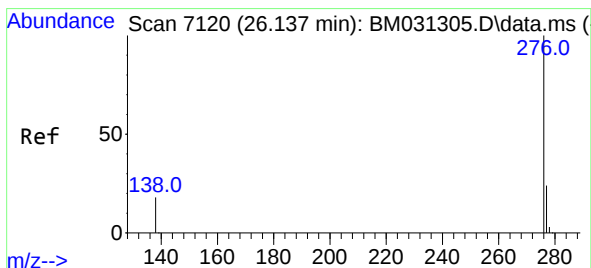
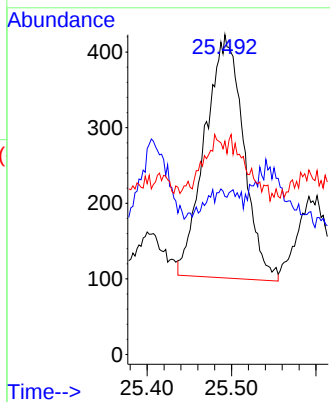
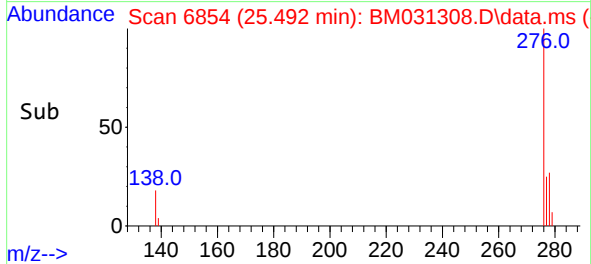




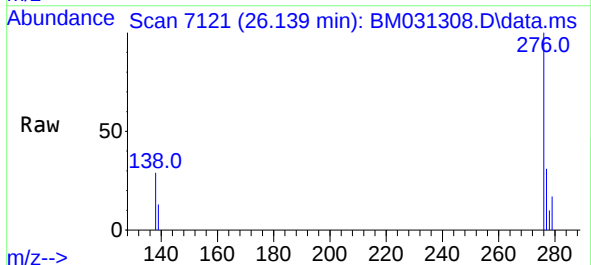
#28
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. -0.012 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39



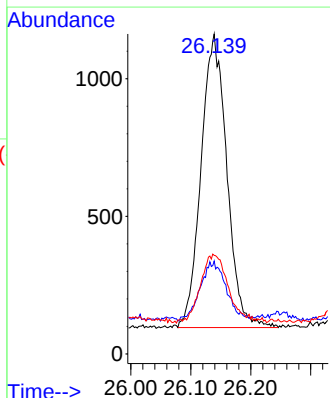
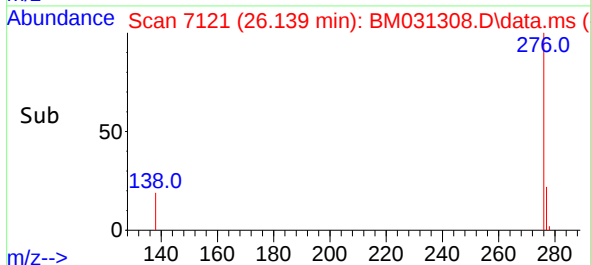
Tgt Ion:278 Resp: 1019
Ion Ratio Lower Upper
278 100
139 49.4 13.3 19.9#
279 66.7 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.128 ng/ul
RT: 26.139 min Scan# 7121
Delta R.T. -0.005 min
Lab File: BM031308.D
Acq: 31 Jul 2021 12:39



Tgt Ion:276 Resp: 3185
Ion Ratio Lower Upper
276 100
138 29.1 15.4 23.2#
277 30.8 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C0054

Manual Integrations
APPROVED

mohammad
8/2/2021 3:41:13 PM