

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030613.D
 Acq On : 25 Jun 2021 22:07
 Operator : CG/JU
 Sample : M2682-07DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD90DL

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:21:44 PM

Quant Time: Jun 26 01:31:56 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	3329	0.400	ng/ul	0.00
4) Naphthalene-d8	10.586	136	13989	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	8531	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	16756	0.400	ng/ul	0.00
17) Chrysene-d12	21.323	240	11451	0.400	ng/ul	0.00
23) Perylene-d12	23.578	264	10462	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1752	0.492	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	762	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	1661	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.635	128	1260	0.030	ng/ul#	83
10) Acenaphthylene	14.144	152	2682	0.067	ng/ul#	91
11) Acenaphthene	14.485	153	1435	0.044	ng/ul	97
12) Fluorene	15.471	166	1629	0.045	ng/ul#	96
15) Phenanthrene	17.200	178	40972	0.687	ng/ul	100
16) Anthracene	17.290	178	10253	0.196	ng/ul	98
19) Fluoranthene	19.210	202	111784	2.123	ng/ul	97
20) Pyrene	19.573	202	85490	1.585	ng/ul	97
21) Benzo(a)anthracene	21.309	228	56479	1.242	ng/ul	98
22) Chrysene	21.360	228	50459	0.999	ng/ul	97
24) Benzo(b)fluoranthene	22.902	252	54912m	1.207	ng/ul	
25) Benzo(k)fluoranthene	22.941	252	20087m	0.421	ng/ul	
26) Benzo(a)pyrene	23.479	252	22549	0.558	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.860	276	16164	0.315	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.868	278	5927	0.145	ng/ul#	77
29) Benzo(g,h,i)perylene	26.568	276	893	0.020	ng/ul#	32

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

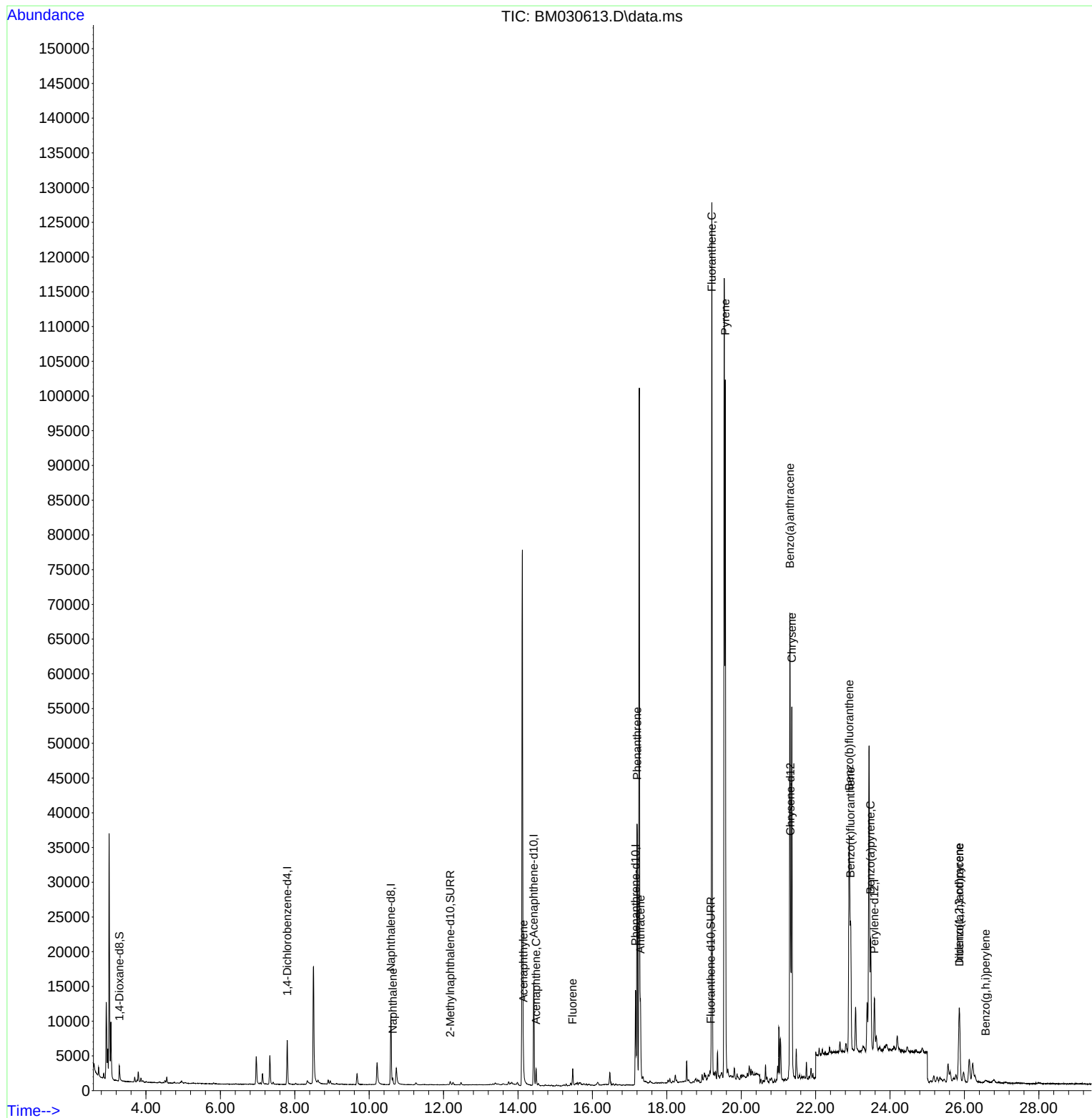
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030613.D
Acq On : 25 Jun 2021 22:07
Operator : CG/JU
Sample : M2682-07DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

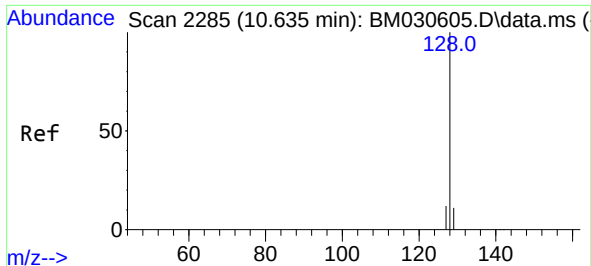
Instrument :
BNA_M
ClientSampleId :
BGD90DL

Manual Integrations
APPROVED

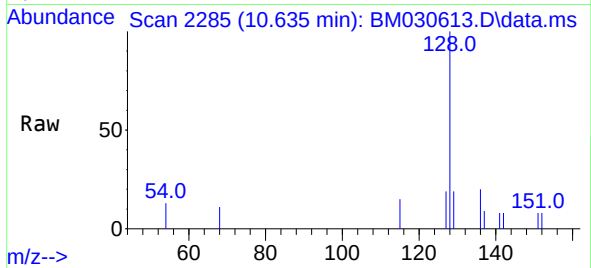
mohammad
6/28/2021 1:21:44 PM

Quant Time: Jun 26 01:31:56 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

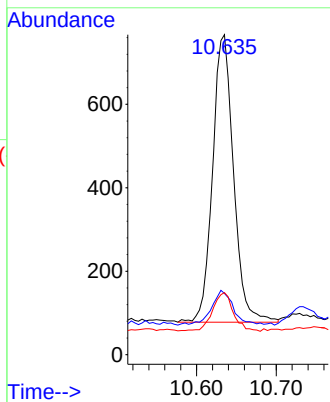
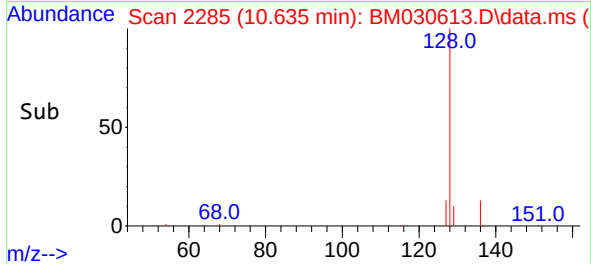




#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.635 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07



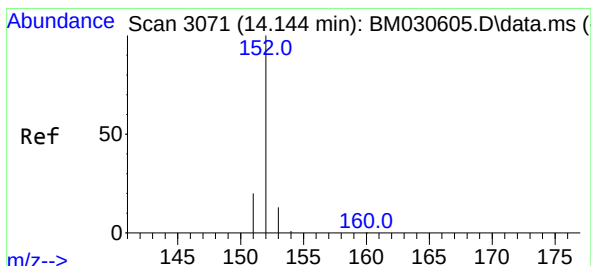
Tgt Ion:128 Resp: 1260
Ion Ratio Lower Upper
128 100
129 19.2 9.0 13.6#
127 19.4 10.9 16.3#



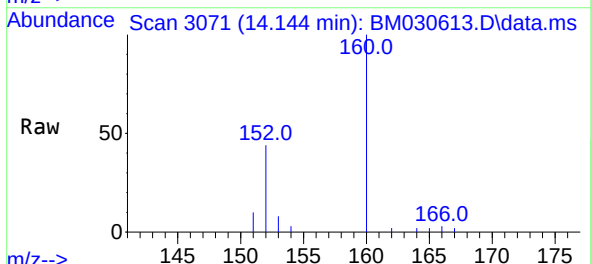
Instrument :
BNA_M
ClientSampled :
BGD90DL

Manual Integrations
APPROVED

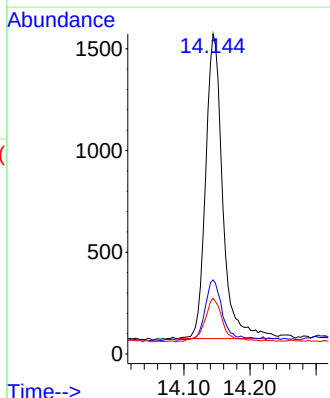
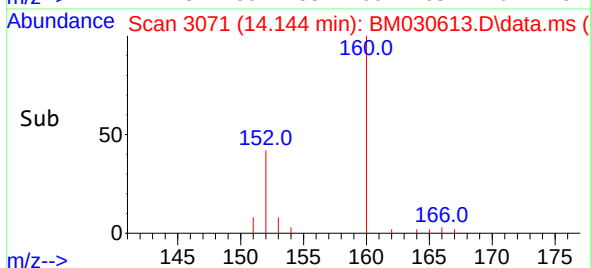
mohammad
6/28/2021 1:21:44 PM

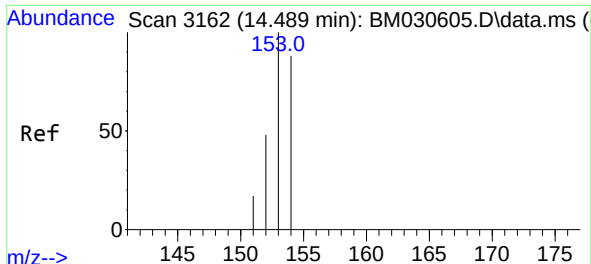


#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07



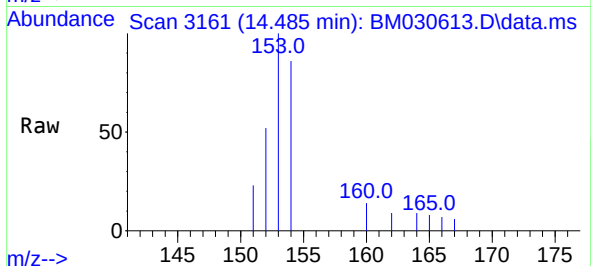
Tgt Ion:152 Resp: 2682
Ion Ratio Lower Upper
152 100
151 23.1 15.5 23.3
153 17.4 10.7 16.1#





#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07

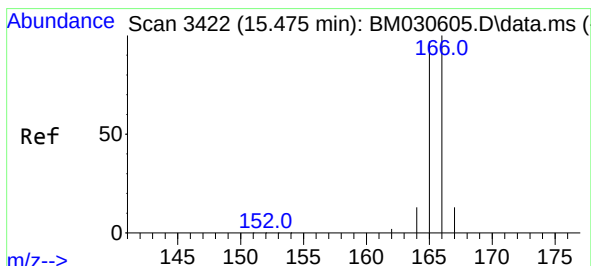
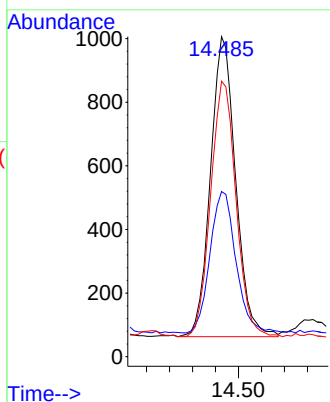
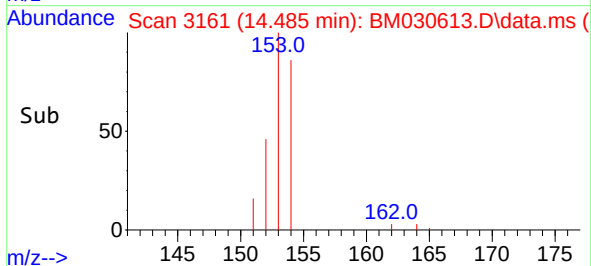
Instrument :
BNA_M
ClientSampleID :
BGD90DL



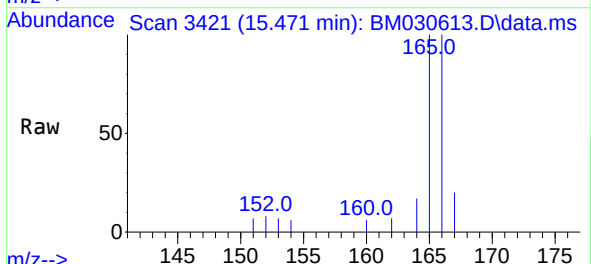
Tgt Ion:153 Resp: 1435
Ion Ratio Lower Upper
153 100
152 51.6 40.2 60.2
154 86.1 71.2 106.8

Manual Integrations
APPROVED

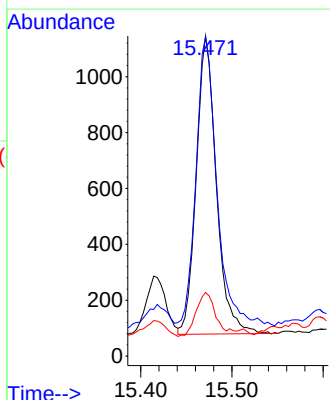
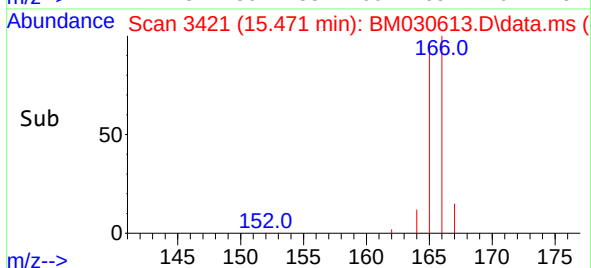
mohammad
6/28/2021 1:21:44 PM

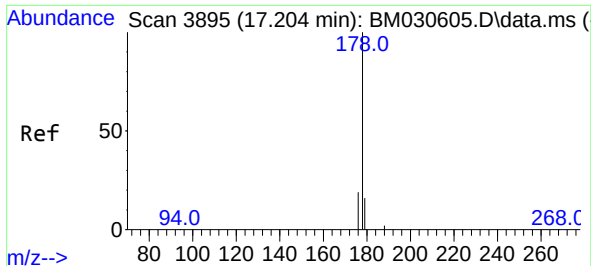


#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07



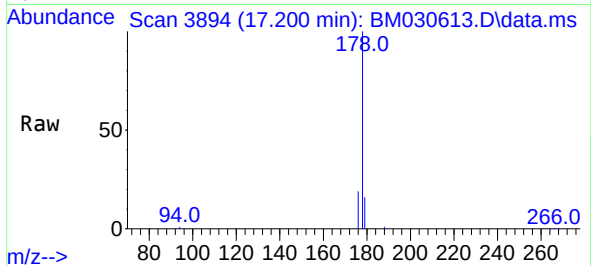
Tgt Ion:166 Resp: 1629
Ion Ratio Lower Upper
166 100
165 99.8 77.7 116.5
167 19.9 11.3 16.9#





#15
Phenanthrene
Concen: 0.687 ng/ul
RT: 17.200 min Scan# 3894
Delta R.T. -0.003 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07

Instrument :
BNA_M
ClientSampleID :
BGD90DL

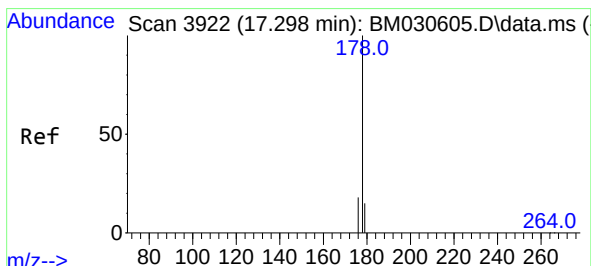
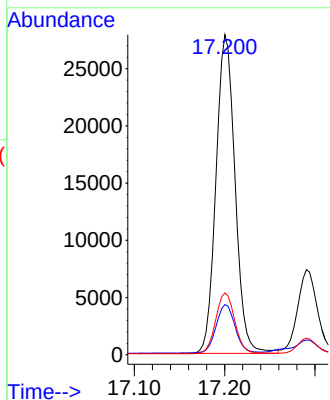


Tgt Ion:178 Resp: 40972

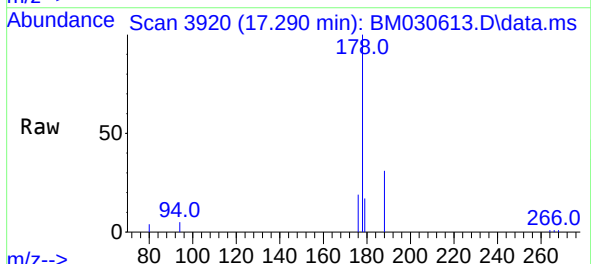
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.3	15.5	23.3

Manual Integrations
APPROVED

mohammad
6/28/2021 1:21:44 PM

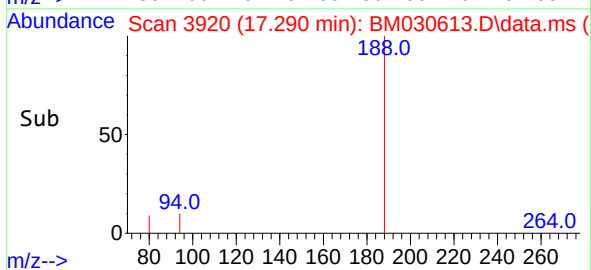
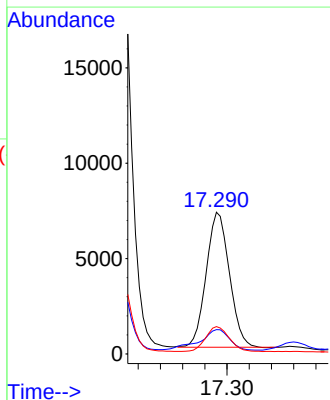


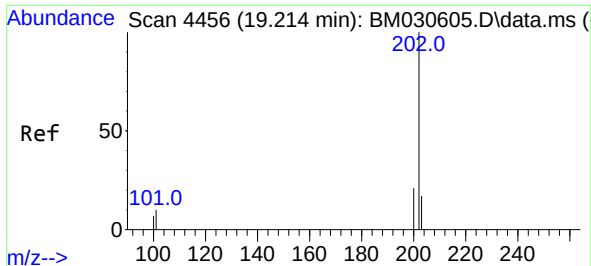
#16
Anthracene
Concen: 0.196 ng/ul
RT: 17.290 min Scan# 3920
Delta R.T. -0.007 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07



Tgt Ion:178 Resp: 10253

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.7	19.1
176	19.4	15.2	22.8





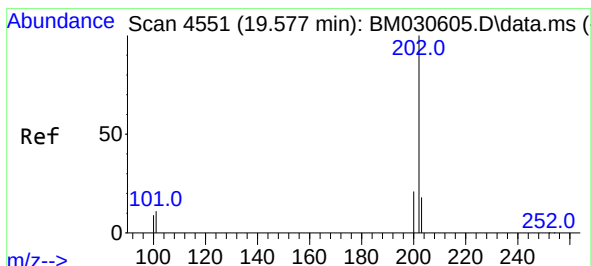
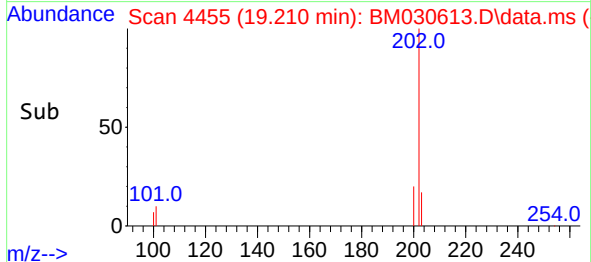
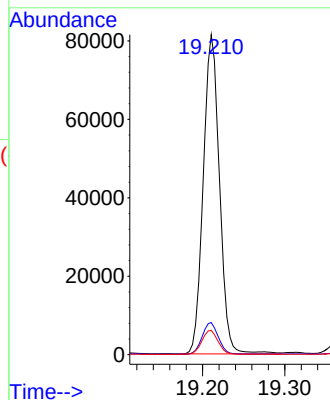
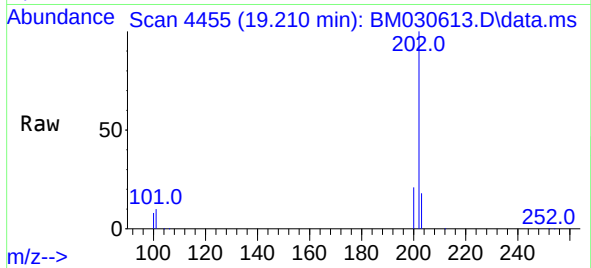
#19
Fluoranthene
Concen: 2.123 ng/ul
RT: 19.210 min Scan# 4455
Delta R.T. -0.004 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07

Tgt Ion:	202	Resp:	111784
Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.8	13.2
100	7.6	6.9	10.3

Instrument :
BNA_M
ClientSampleId :
BGD90DL

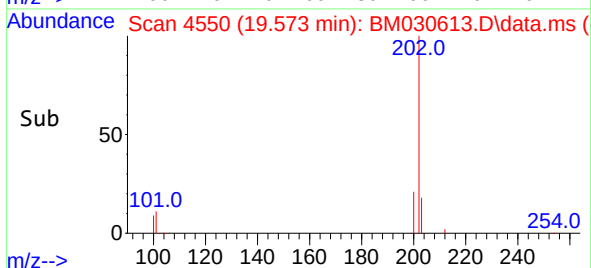
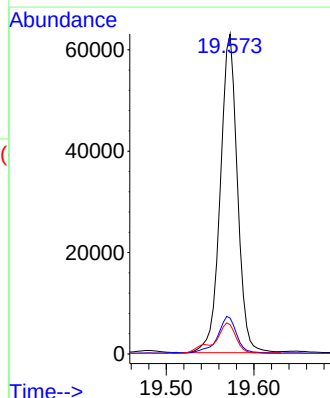
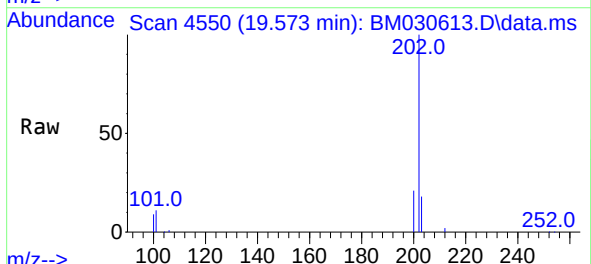
Manual Integrations
APPROVED

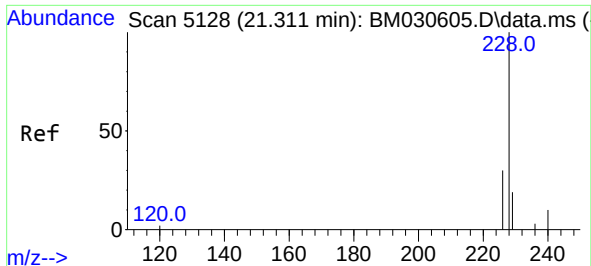
mohammad
6/28/2021 1:21:44 PM



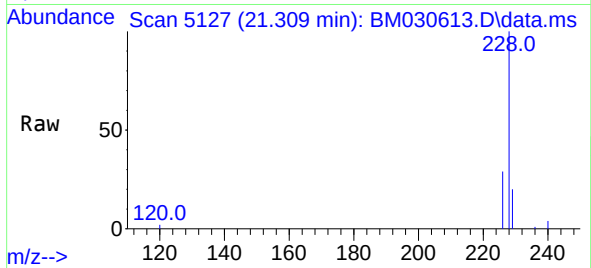
#20
Pyrene
Concen: 1.585 ng/ul
RT: 19.573 min Scan# 4550
Delta R.T. -0.004 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07

Tgt Ion:	202	Resp:	85490
Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.1	15.1
100	9.2	8.2	12.2

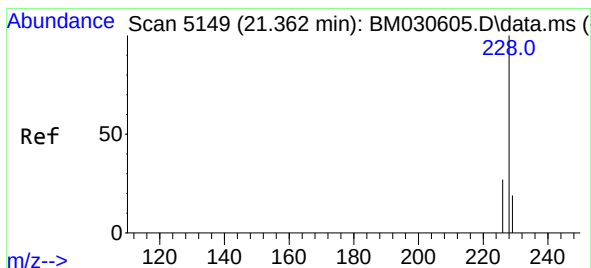
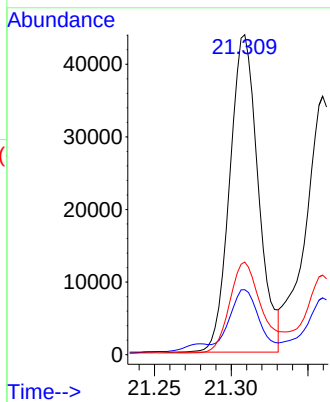
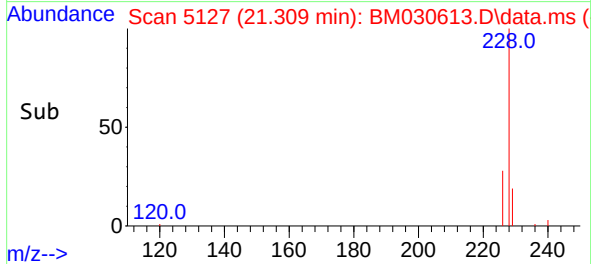




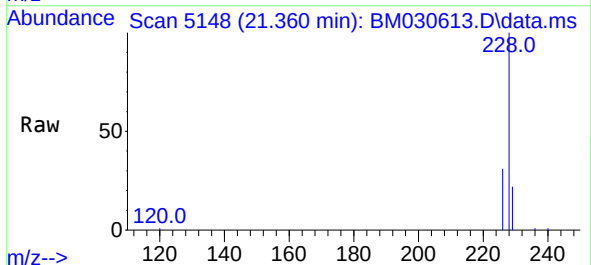
#21
Benzo(a)anthracene
Concen: 1.242 ng/ul
RT: 21.309 min Scan# 5127
Delta R.T. -0.005 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07



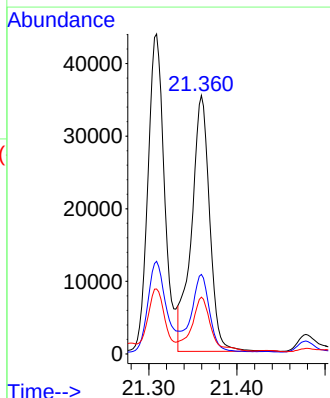
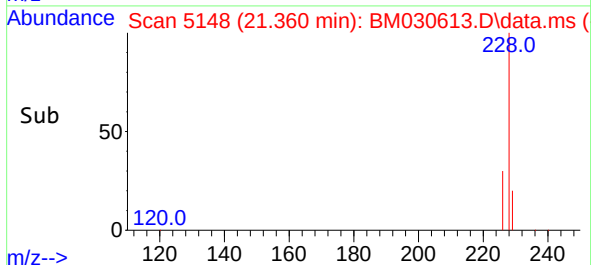
Tgt Ion:228 Resp: 56479
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 28.9 22.2 33.4



#22
Chrysene
Concen: 0.999 ng/ul
RT: 21.360 min Scan# 5148
Delta R.T. -0.005 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07



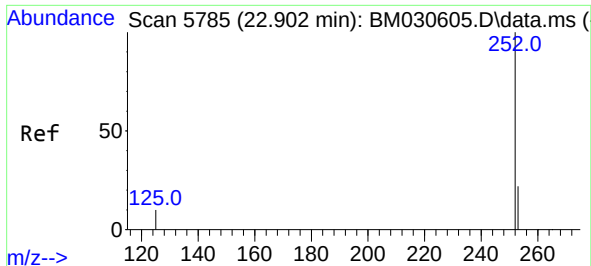
Tgt Ion:228 Resp: 50459
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 22.0 15.4 23.0



Instrument :
BNA_M
ClientSampled :
BGD90DL

Manual Integrations
APPROVED

mohammad
6/28/2021 1:21:44 PM



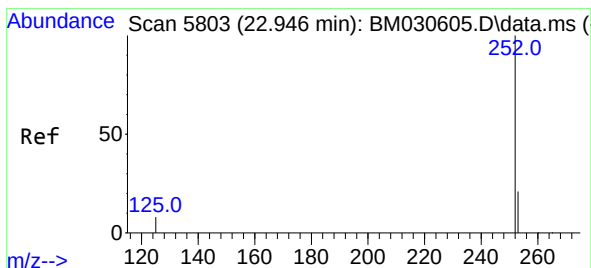
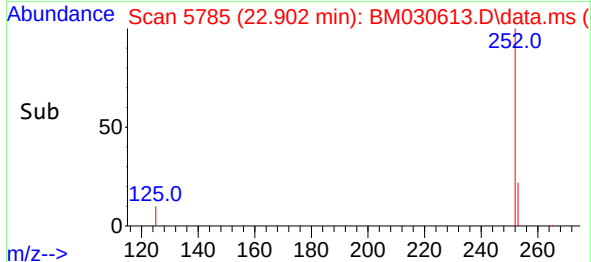
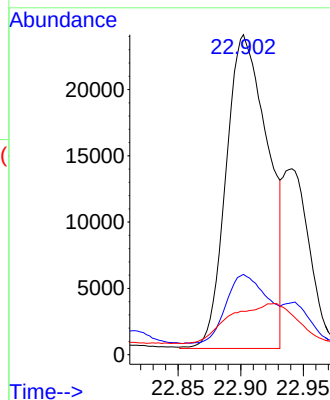
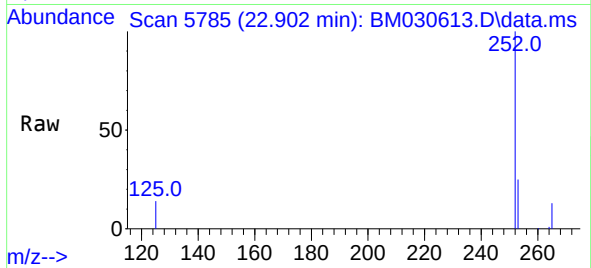
#24
Benzo(b)fluoranthene
Concen: 1.207 ng/ul m
RT: 22.902 min Scan# 5785
Delta R.T. -0.005 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07

Tgt Ion:	252	Resp:	54912
Ion Ratio	Lower	Upper	
252	100		
253	25.1	0.0	50.2
125	13.5	0.0	27.8

Instrument :
BNA_M
ClientSampleId :
BGD90DL

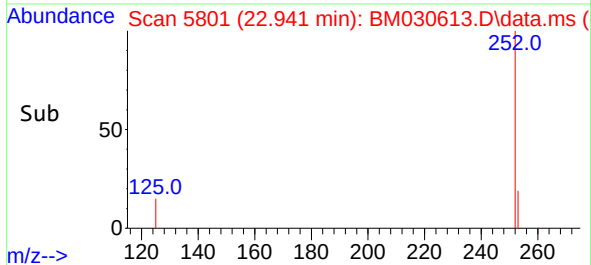
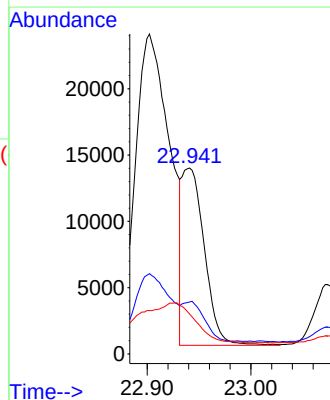
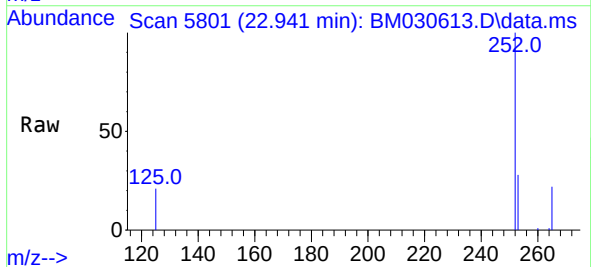
Manual Integrations
APPROVED

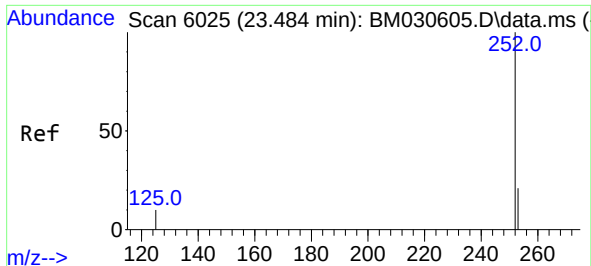
mohammad
6/28/2021 1:21:44 PM



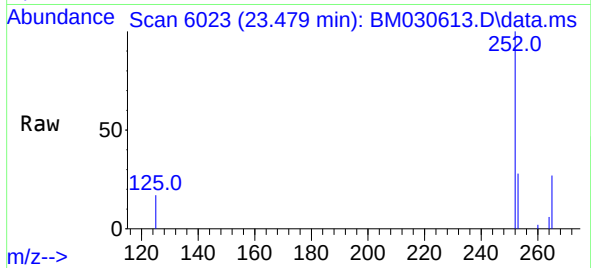
#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul m
RT: 22.941 min Scan# 5801
Delta R.T. -0.012 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07

Tgt Ion:	252	Resp:	20087
Ion Ratio	Lower	Upper	
252	100		
253	28.0	20.6	31.0
125	21.4	11.0	16.4#

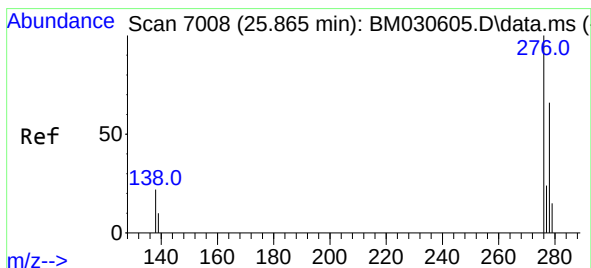
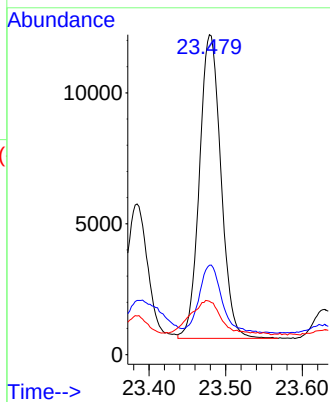
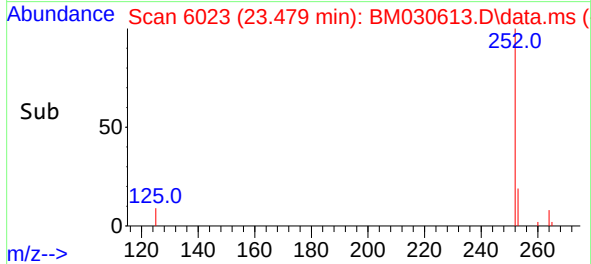




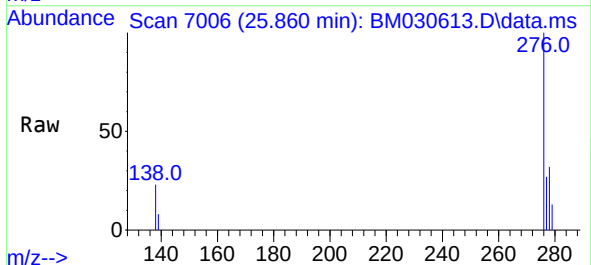
#26
Benzo(a)pyrene
Concen: 0.558 ng/ul
RT: 23.479 min Scan# 6023
Delta R.T. -0.010 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07



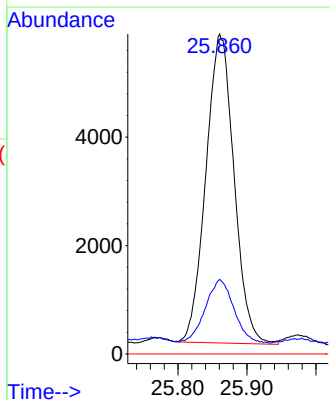
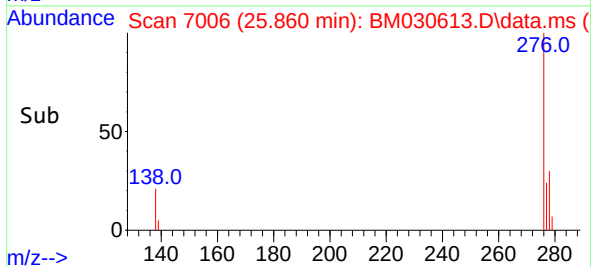
Tgt Ion:252 Resp: 22549
Ion Ratio Lower Upper
252 100
253 27.9 22.0 33.0
125 16.7 13.4 20.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 25.860 min Scan# 7006
Delta R.T. -0.012 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07



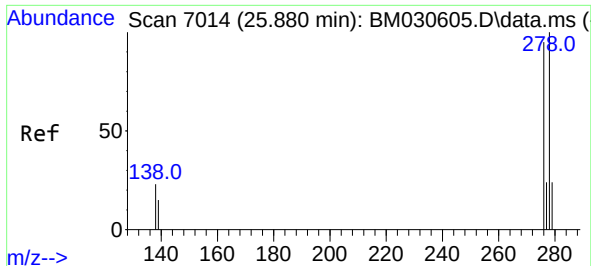
Tgt Ion:276 Resp: 16164
Ion Ratio Lower Upper
276 100
138 20.7 19.1 28.7
227 0.0 0.0 0.0



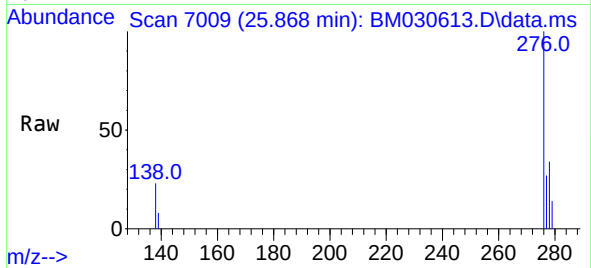
Instrument :
BNA_M
ClientSampleId :
BGD90DL

Manual Integrations
APPROVED

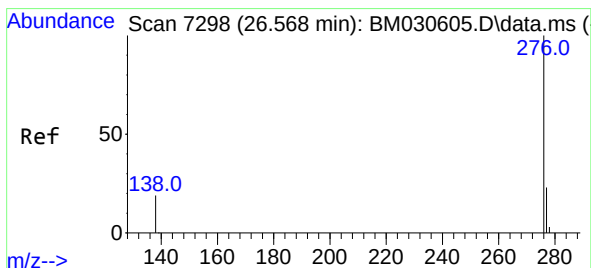
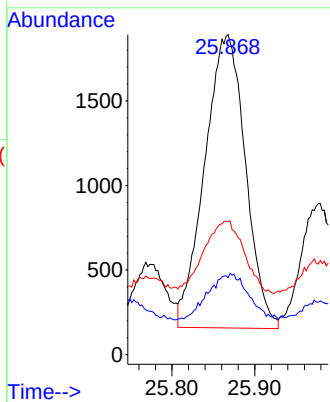
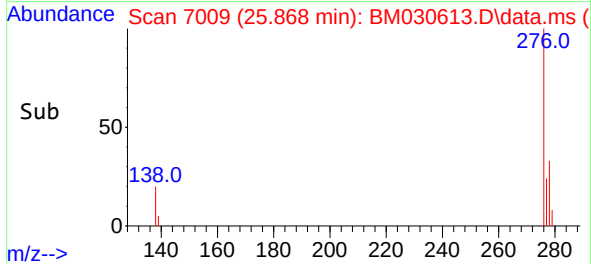
mohammad
6/28/2021 1:21:44 PM



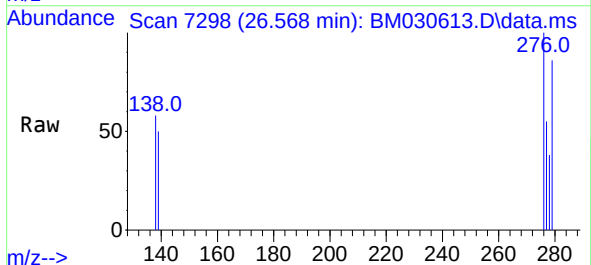
#28
Dibenzo(a,h)anthracene
Concen: 0.145 ng/ul
RT: 25.868 min Scan# 7009
Delta R.T. -0.019 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07



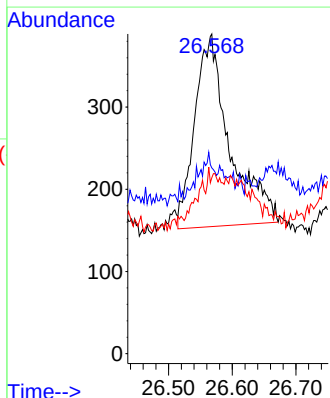
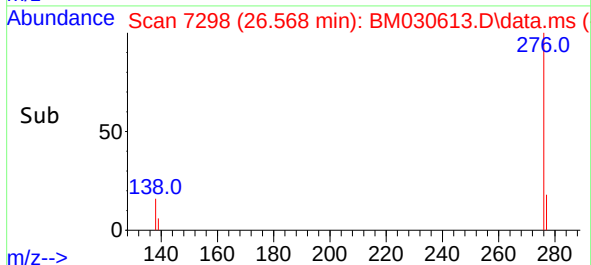
Tgt Ion:278 Resp: 5927
Ion Ratio Lower Upper
278 100
139 24.0 14.2 21.4#
279 41.6 21.6 32.4#



#29
Benzo(g,h,i)perylene
Concen: 0.020 ng/ul
RT: 26.568 min Scan# 7298
Delta R.T. 0.000 min
Lab File: BM030613.D
Acq: 25 Jun 2021 22:07



Tgt Ion:276 Resp: 893
Ion Ratio Lower Upper
276 100
138 58.1 18.0 27.0#
277 55.0 19.5 29.3#



Instrument :
BNA_M
ClientSampleId :
BGD90DL

Manual Integrations
APPROVED

mohammad
6/28/2021 1:21:44 PM