

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090823\
 Data File : BM041747.D
 Acq On : 09 Sep 2023 02:10
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

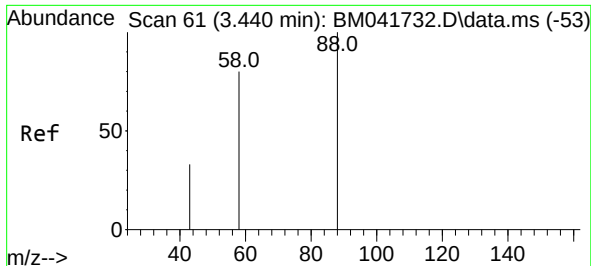
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 09 05:08:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 06:08:11 2023
 Response via : Initial Calibration

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

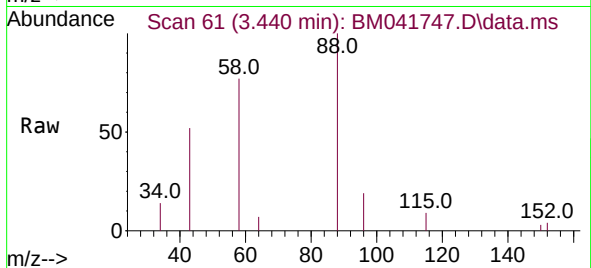
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	4647	0.400	ng/ul	0.00
4) Naphthalene-d8	10.807	136	10505	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.634	164	3936	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.383	188	7443	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	3137	0.400	ng/ul	0.00
23) Perylene-d12	23.977	264	3425	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	2786	0.392	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	4958	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.403	212	5396	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	2834	0.384	ng/ul#	87
5) Naphthalene	10.861	128	13402	0.388	ng/ul	99
7) 2-Methylnaphthalene	12.462	142	7482	0.382	ng/ul	99
8) 1-Methylnaphthalene	12.682	142	7514	0.382	ng/ul	100
10) Acenaphthylene	14.361	152	9656	0.397	ng/ul	99
11) Acenaphthene	14.698	153	7591	0.401	ng/ul	99
12) Fluorene	15.684	166	8209	0.387	ng/ul	99
14) Pentachlorophenol	17.008	266	1377	0.462	ng/ul	99
15) Phenanthrene	17.426	178	12567	0.400	ng/ul	99
16) Anthracene	17.519	178	10787	0.401	ng/ul	99
19) Fluoranthene	19.431	202	13530	0.365	ng/ul	96
20) Pyrene	19.798	202	13879	0.377	ng/ul	97
21) Benzo(a)anthracene	21.533	228	9925	0.388	ng/ul	100
22) Chrysene	21.585	228	10628	0.385	ng/ul	100
24) Benzo(b)fluoranthene	23.225	252	11594	0.378	ng/ul	98
25) Benzo(k)fluoranthene	23.275	252	10816	0.361	ng/ul	98
26) Benzo(a)pyrene	23.865	252	9511	0.382	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.485	276	13609	0.398	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.512	278	9649	0.403	ng/ul	98
29) Benzo(g,h,i)perylene	27.273	276	12127	0.401	ng/ul	98

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

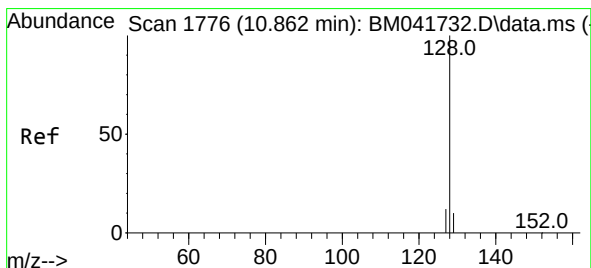
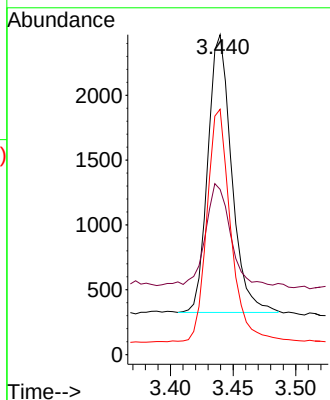
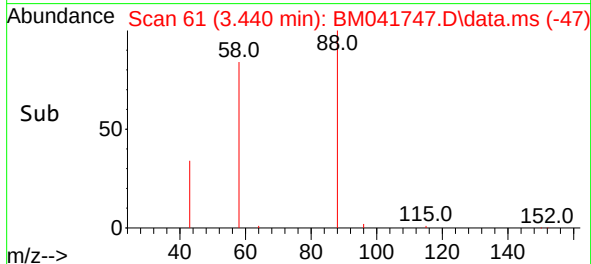


#2
1,4-Dioxane
Concen: 0.384 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

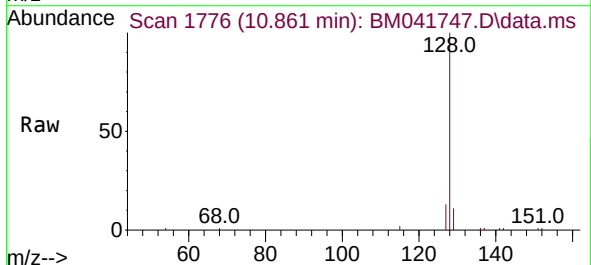
Instrument :
BNA_M
ClientSampleId :



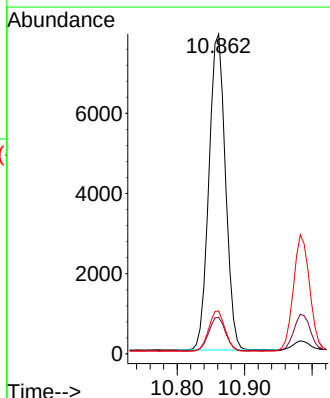
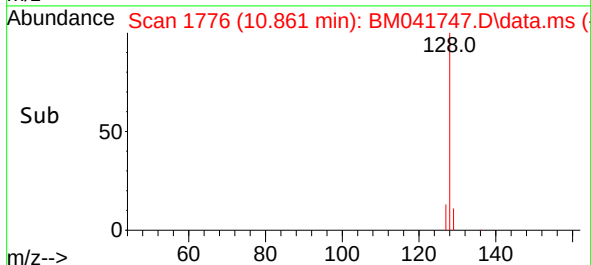
Tgt Ion: 88 Resp: 2834
Ion Ratio Lower Upper
88 100
43 51.6 33.8 50.6#
58 76.7 54.2 81.2

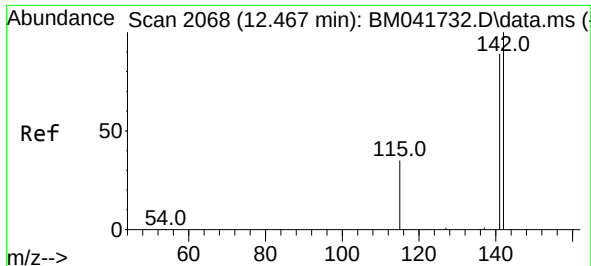


#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.861 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10



Tgt Ion: 128 Resp: 13402
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.4 11.0 16.6

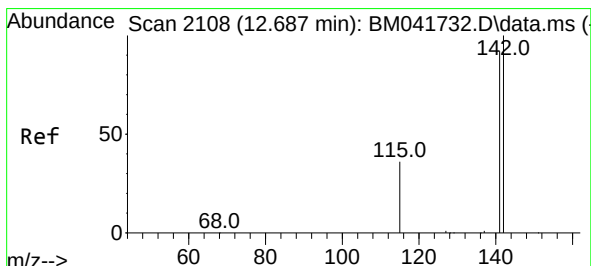
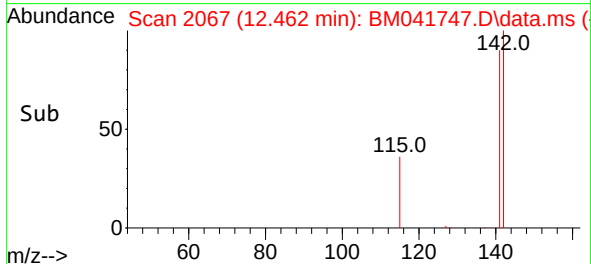
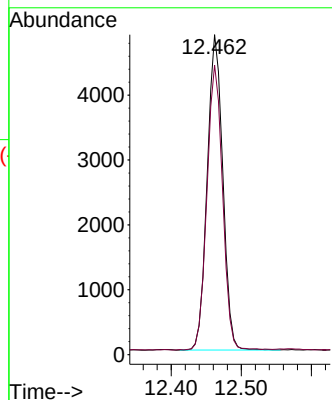
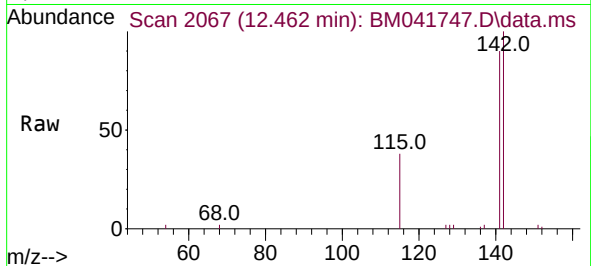




#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.462 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

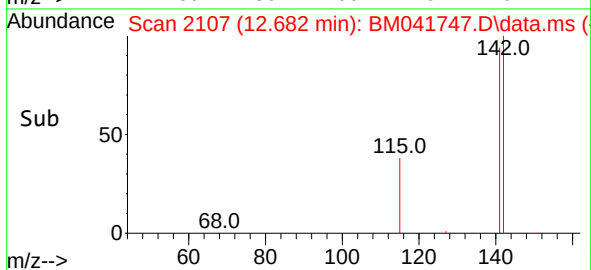
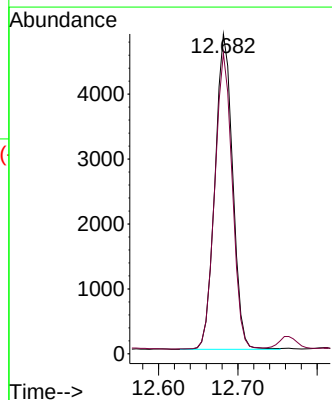
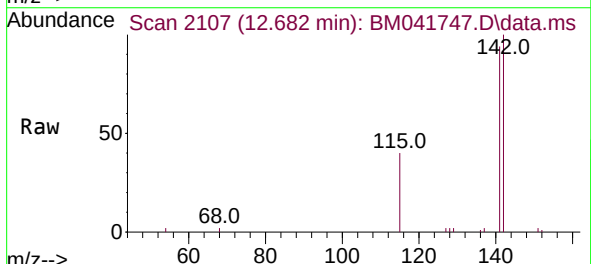
Instrument :
BNA_M
ClientSampleId :

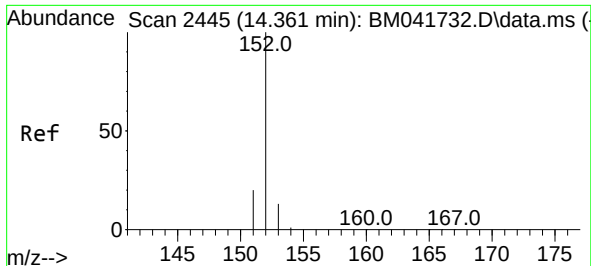
Tgt Ion:142 Resp: 7482
Ion Ratio Lower Upper
142 100
141 90.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

Tgt Ion:142 Resp: 7514
Ion Ratio Lower Upper
142 100
141 93.2 74.4 111.6

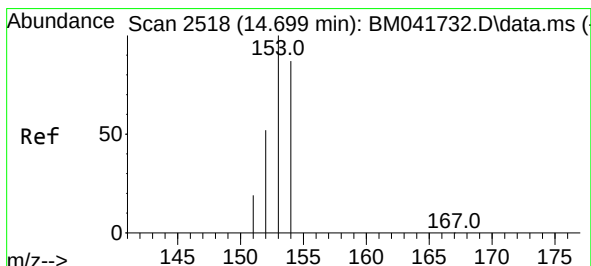
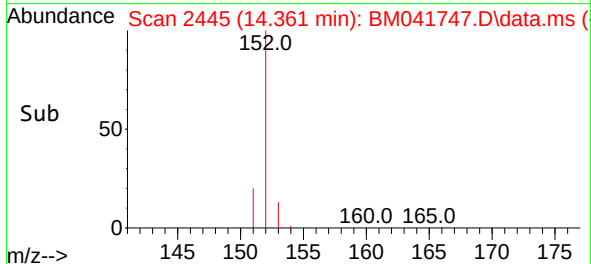
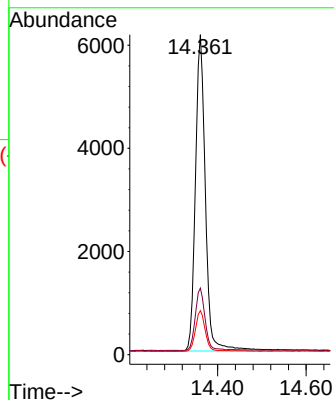
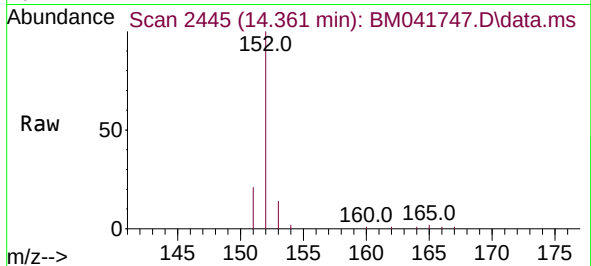




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

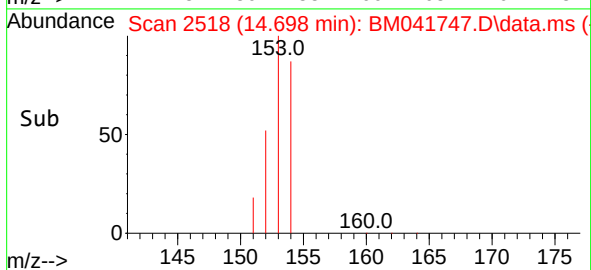
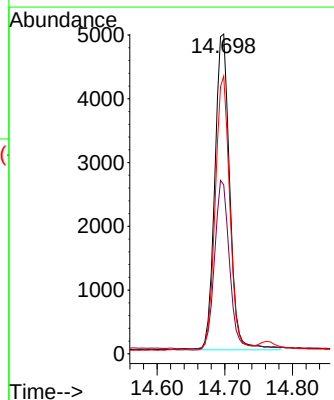
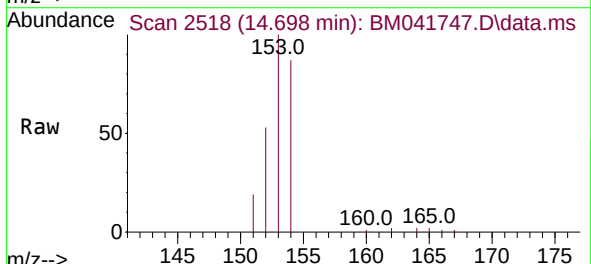
Instrument :
BNA_M
ClientSampleId :

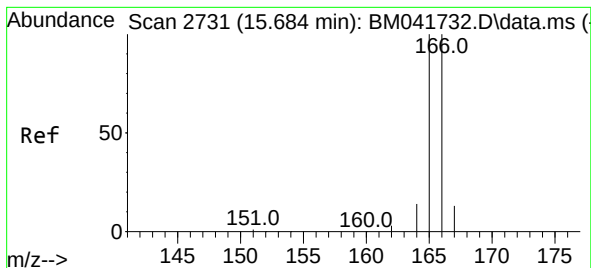
Tgt Ion:	152	Resp:	9656
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.4	24.6
153	13.7	11.1	16.7



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.698 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

Tgt Ion:	153	Resp:	7591
Ion Ratio	Lower	Upper	
153	100		
152	52.8	43.4	65.2
154	86.8	69.4	104.0





#12

Fluorene

Concen: 0.387 ng/ul

RT: 15.684 min Scan# 2731

Delta R.T. 0.000 min

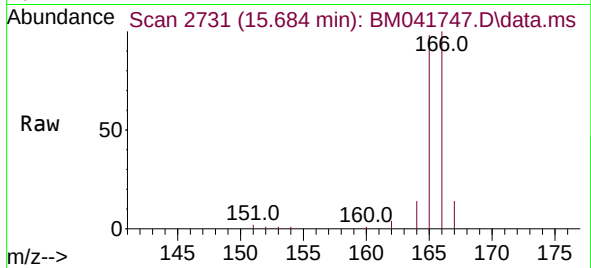
Lab File: BM041747.D

Acq: 09 Sep 2023 02:10

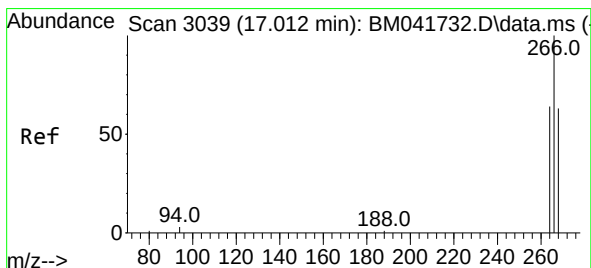
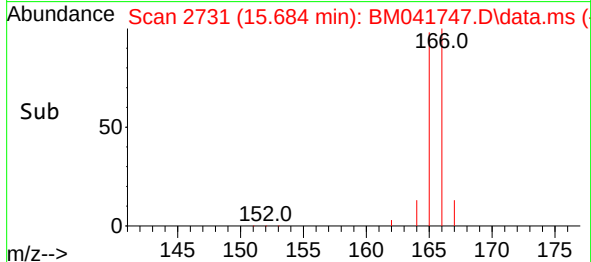
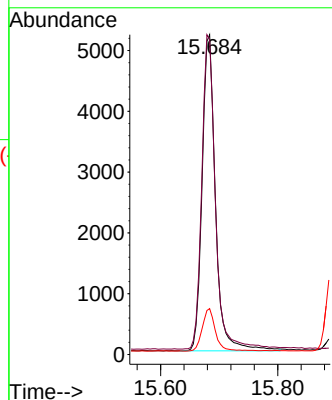
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:166	Resp:	8209
Ion	Ratio	Lower Upper
166	100	
165	98.4	79.4 119.2
167	14.4	11.3 16.9



#14

Pentachlorophenol

Concen: 0.462 ng/ul

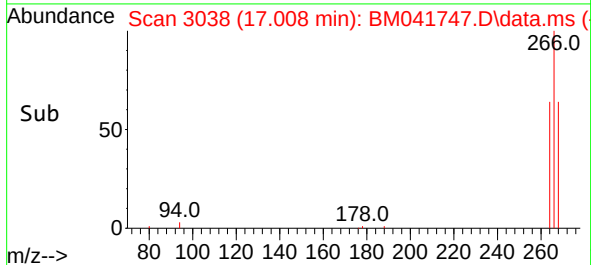
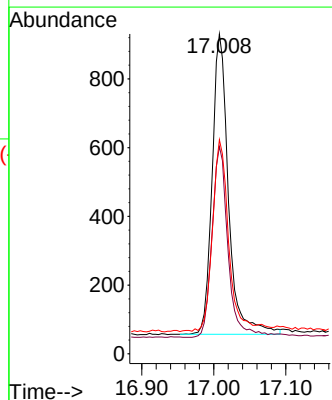
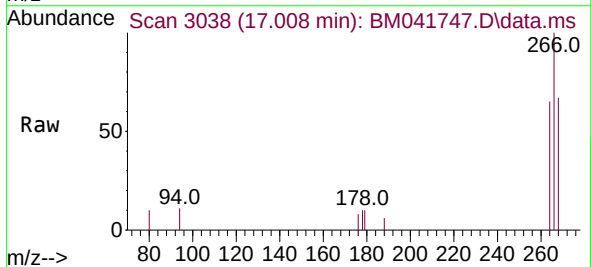
RT: 17.008 min Scan# 3038

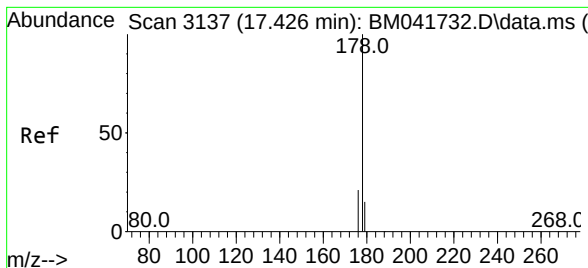
Delta R.T. -0.004 min

Lab File: BM041747.D

Acq: 09 Sep 2023 02:10

Tgt Ion:266	Resp:	1377
Ion	Ratio	Lower Upper
266	100	
264	62.5	50.0 75.0
268	64.3	50.8 76.2





#15

Phenanthrene

Concen: 0.400 ng/ul

RT: 17.426 min Scan# 3137

Delta R.T. -0.004 min

Lab File: BM041747.D

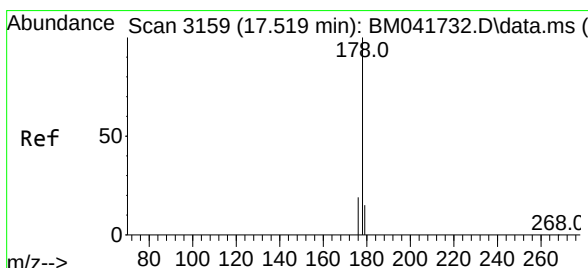
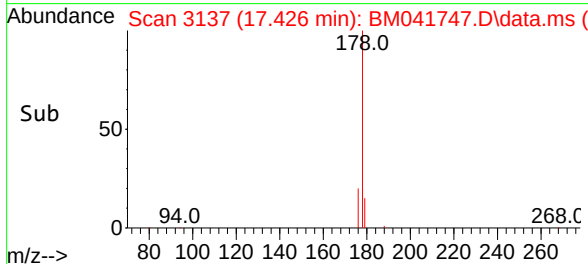
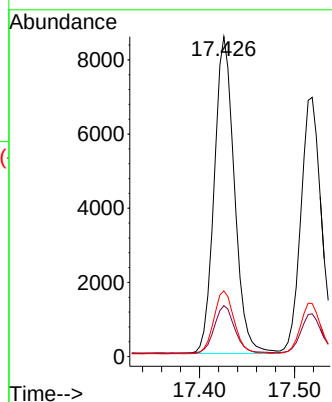
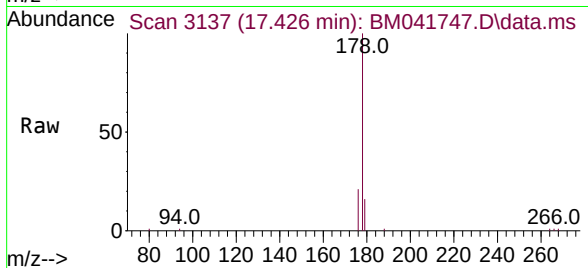
Acq: 09 Sep 2023 02:10

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:178	Resp:	12567
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.9 19.3
176	20.5	16.9 25.3



#16

Anthracene

Concen: 0.401 ng/ul

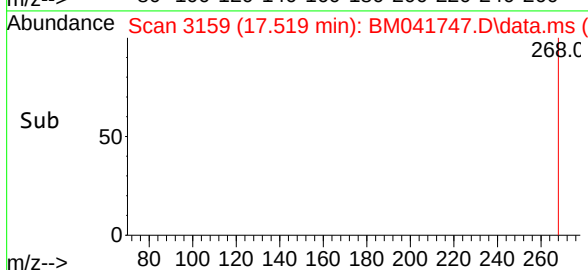
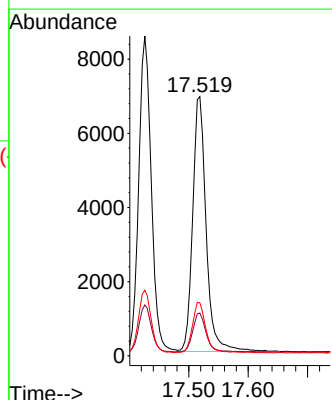
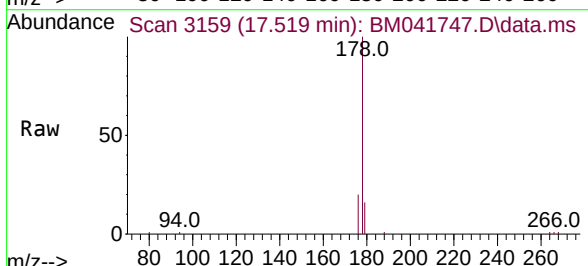
RT: 17.519 min Scan# 3159

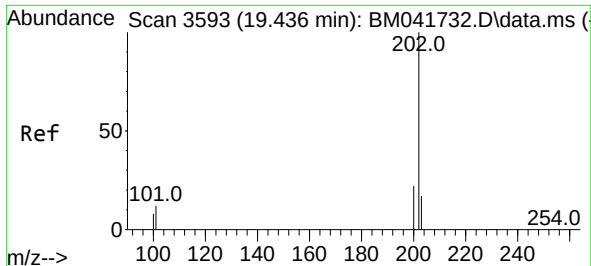
Delta R.T. -0.004 min

Lab File: BM041747.D

Acq: 09 Sep 2023 02:10

Tgt Ion:178	Resp:	10787
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.9 19.3
176	20.4	15.8 23.8

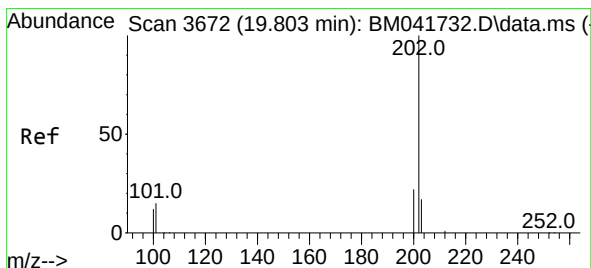
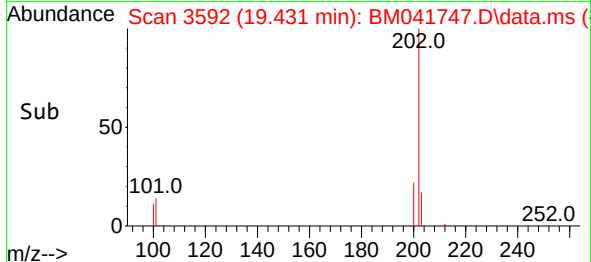
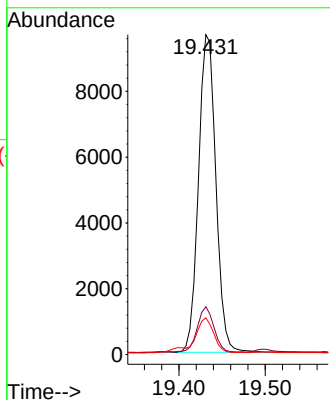
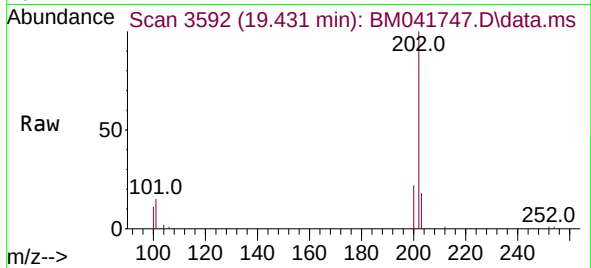




#19
Fluoranthene
Concen: 0.365 ng/ul
RT: 19.431 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

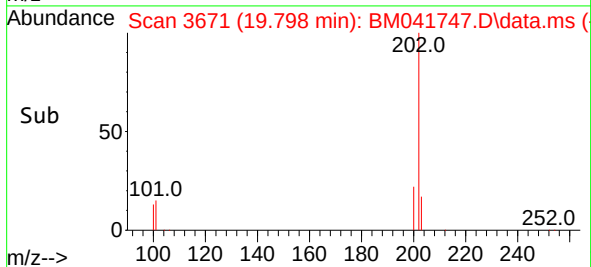
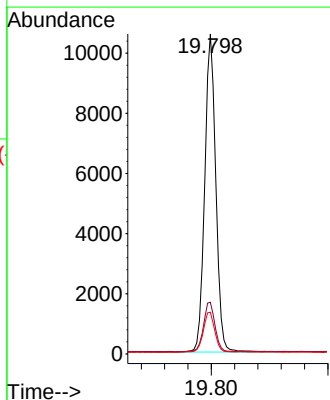
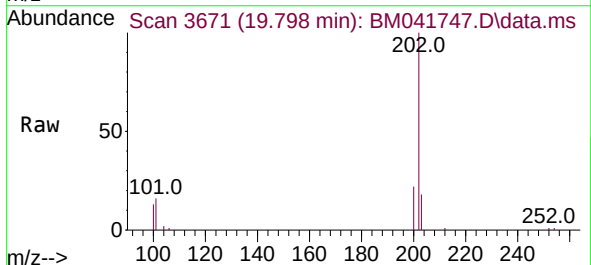
Instrument :
BNA_M
ClientSampleId :

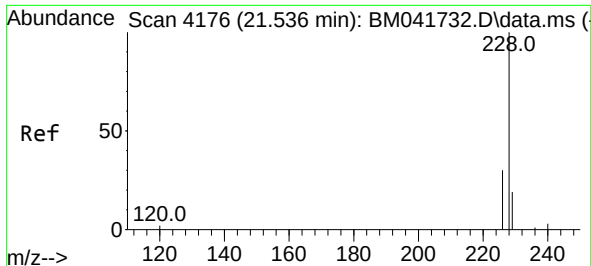
Tgt Ion:	202	Resp:	13530
Ion Ratio	Lower	Upper	
202	100		
101	15.0	10.5	15.7
100	11.5	8.4	12.6



#20
Pyrene
Concen: 0.377 ng/ul
RT: 19.798 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

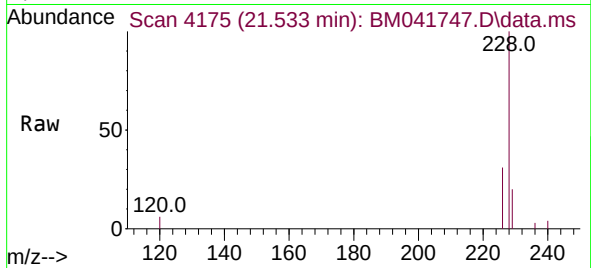
Tgt Ion:	202	Resp:	13879
Ion Ratio	Lower	Upper	
202	100		
101	16.1	11.8	17.8
100	13.0	9.8	14.6



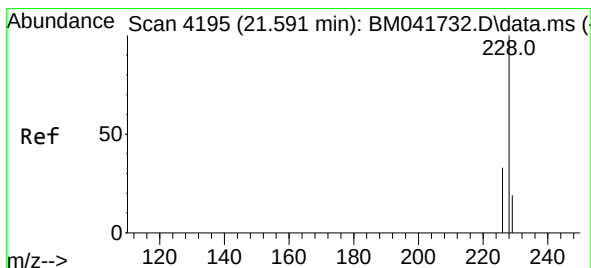
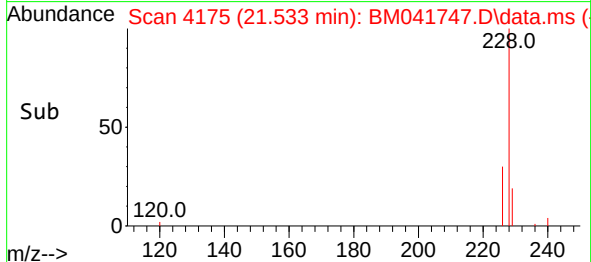
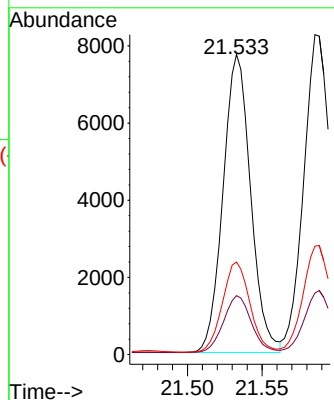


#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.533 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

Instrument :
BNA_M
ClientSampleId :

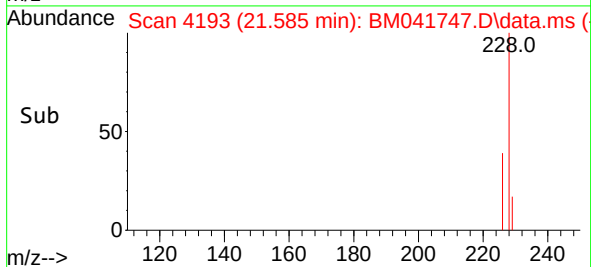
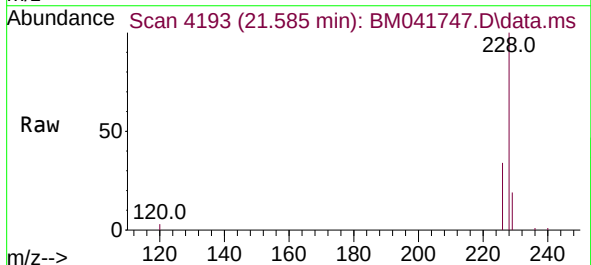
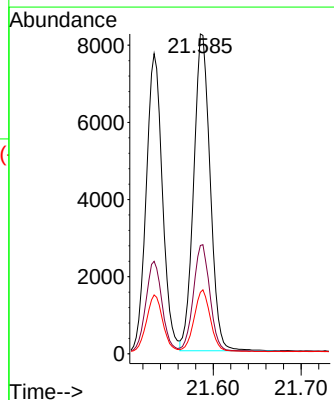


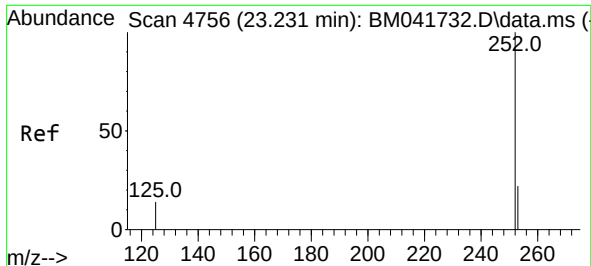
Tgt Ion:228 Resp: 9925
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 30.8 24.8 37.2



#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.585 min Scan# 4193
Delta R.T. -0.006 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

Tgt Ion:228 Resp: 10628
Ion Ratio Lower Upper
228 100
226 33.9 27.0 40.6
229 19.2 15.4 23.2

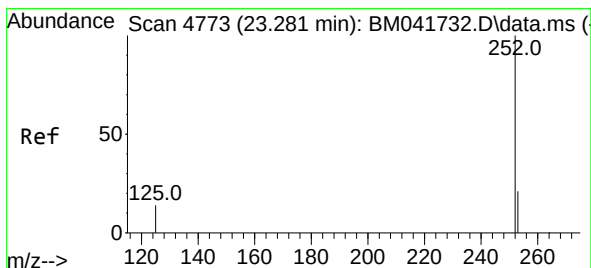
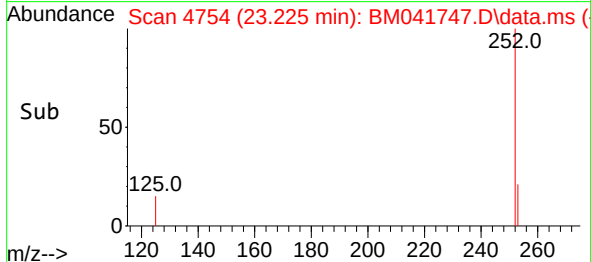
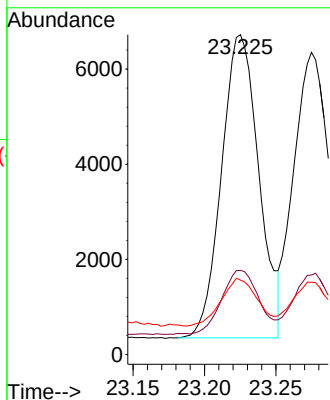
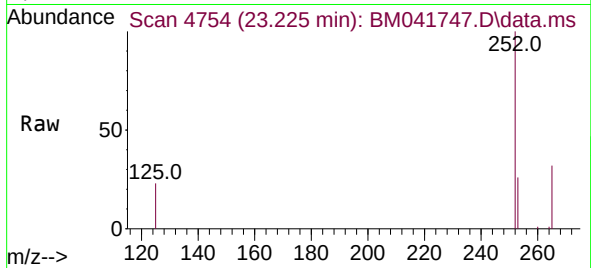




#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.225 min Scan# 4754
Delta R.T. -0.006 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

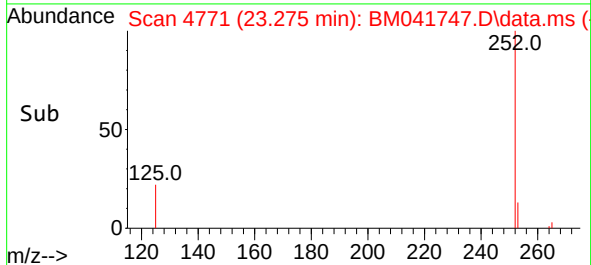
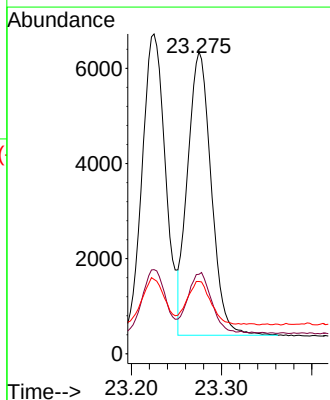
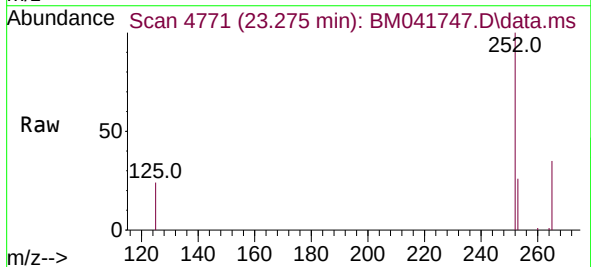
Instrument :
BNA_M
ClientSampleId :

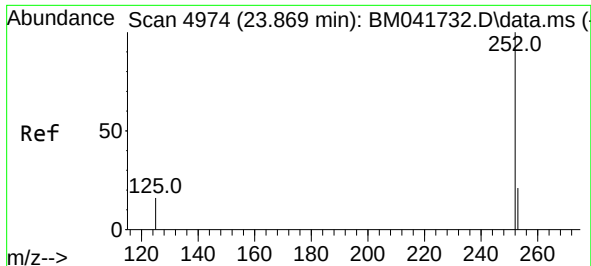
Tgt Ion:252 Resp: 11594
Ion Ratio Lower Upper
252 100
253 26.3 0.0 52.4
125 23.3 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 23.275 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

Tgt Ion:252 Resp: 10816
Ion Ratio Lower Upper
252 100
253 26.3 21.3 31.9
125 23.9 17.4 26.0

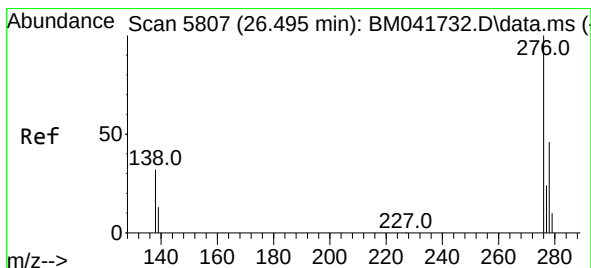
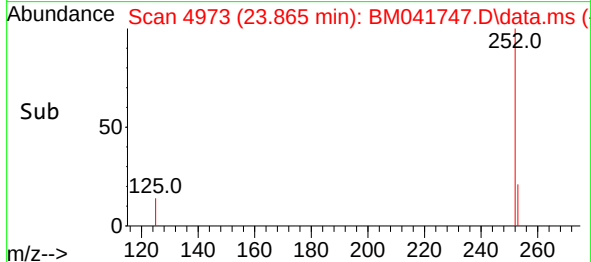
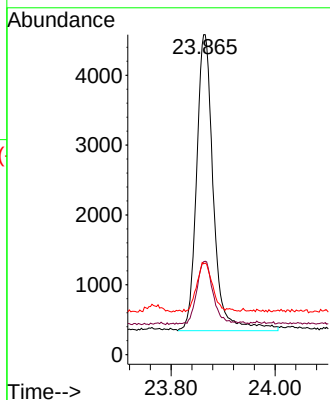
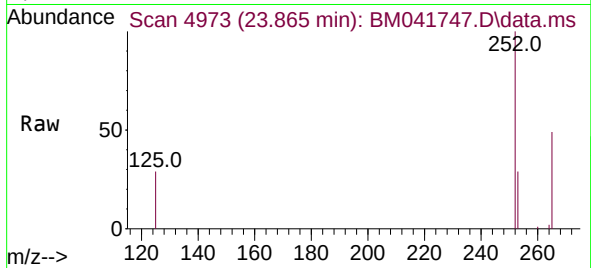




#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.865 min Scan# 4974
Delta R.T. -0.009 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

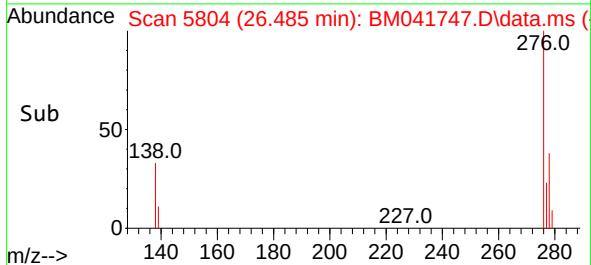
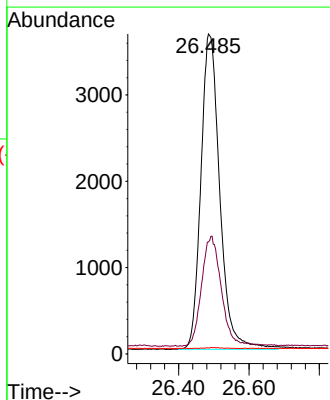
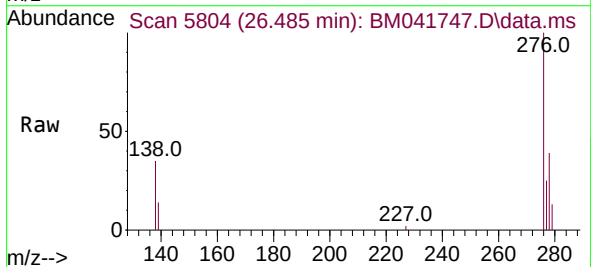
Instrument :
BNA_M
ClientSampleId :

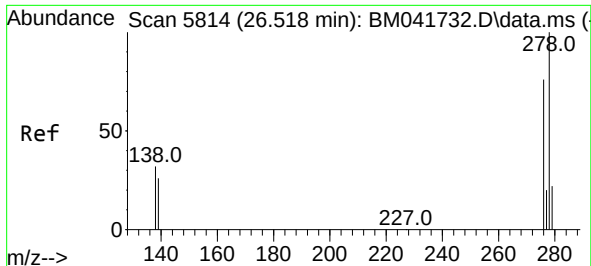
Tgt Ion:252 Resp: 9511
Ion Ratio Lower Upper
252 100
253 29.2 22.4 33.6
125 28.6 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 26.485 min Scan# 5804
Delta R.T. -0.017 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

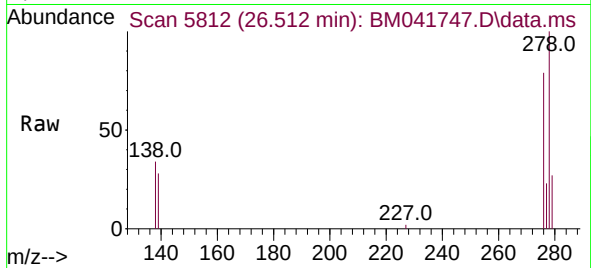
Tgt Ion:276 Resp: 13609
Ion Ratio Lower Upper
276 100
138 36.1 26.4 39.6
227 0.2 0.1 0.1#



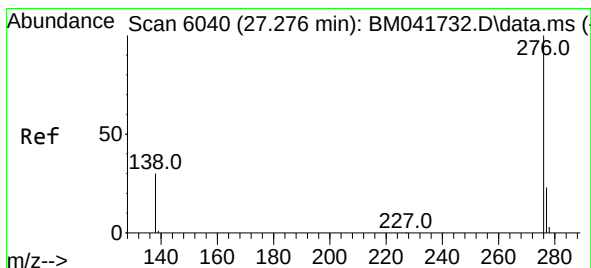
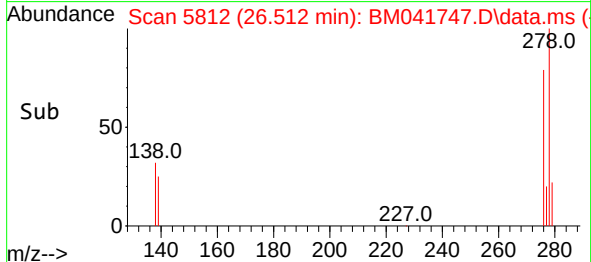
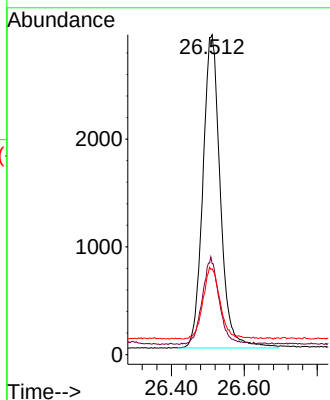


#28
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 26.512 min Scan# 5814
Delta R.T. -0.010 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 9649
Ion Ratio Lower Upper
278 100
139 28.4 23.0 34.6
279 26.8 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 27.273 min Scan# 6039
Delta R.T. -0.013 min
Lab File: BM041747.D
Acq: 09 Sep 2023 02:10

Tgt Ion:276 Resp: 12127
Ion Ratio Lower Upper
276 100
138 32.6 25.0 37.4
277 24.5 20.2 30.2

