

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040917.D
 Acq On : 17 Jul 2023 10:55
 Operator : MA/JU
 Sample : 03437-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46H5RE

Quant Time: Jul 18 02:45:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

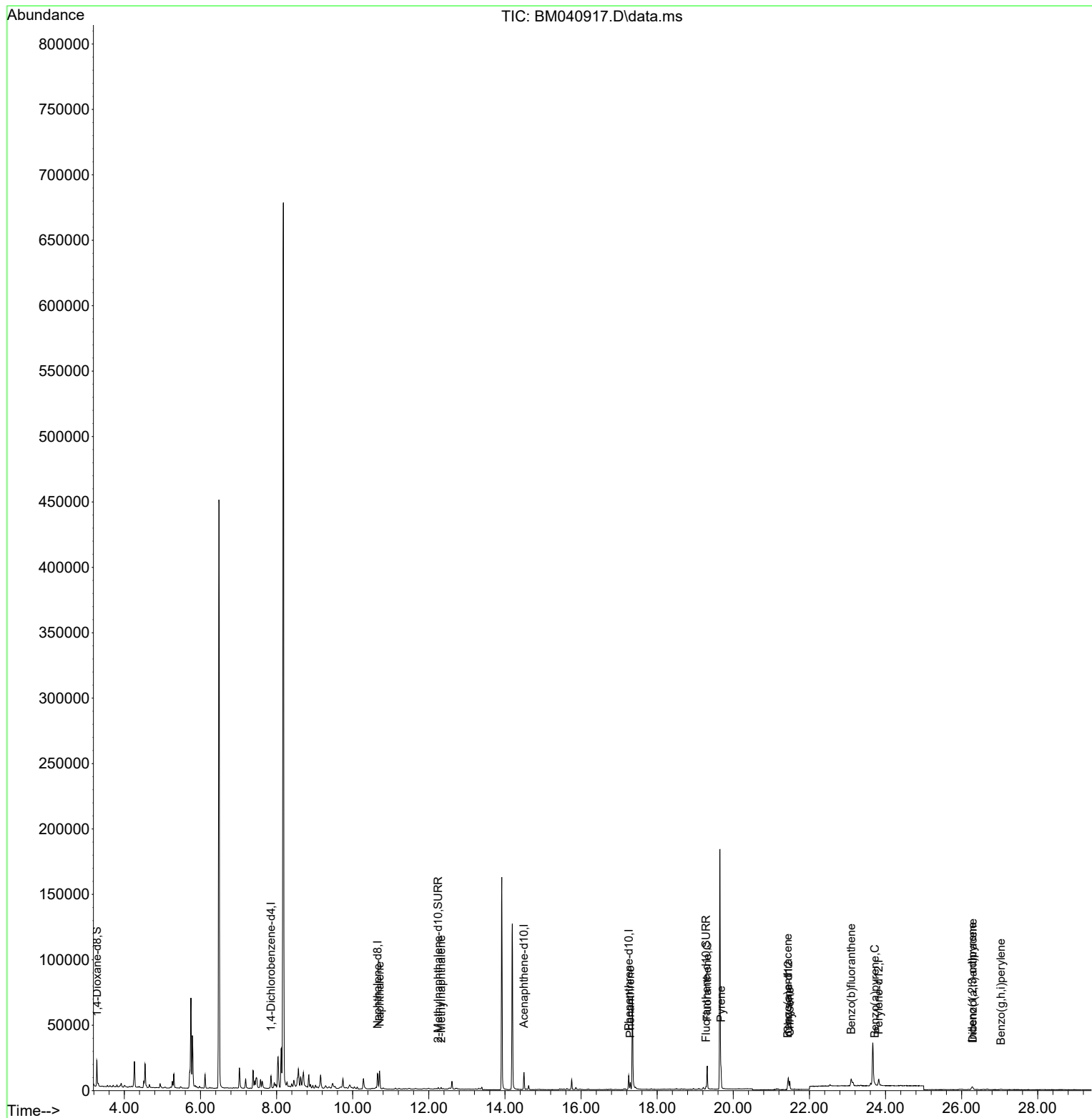
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4539	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.653	136	15525	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.499	164	7055	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	12399	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	7116	0.400	ng/ul	0.00
23) Perylene-d12	23.822	264	6714	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	11455	1.607	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	1576	0.072	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	2207	0.097	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	18713	0.437	ng/ul	100
7) 2-Methylnaphthalene	12.324	142	988	0.039	ng/ul	100
15) Phenanthrene	17.295	178	5684	0.148	ng/ul	97
19) Fluoranthene	19.315	202	15136	0.501	ng/ul	99
20) Pyrene	19.678	202	12241	0.378	ng/ul	99
21) Benzo(a)anthracene	21.431	228	4021	0.167	ng/ul	94
22) Chrysene	21.480	228	6627	0.241	ng/ul	97
24) Benzo(b)fluoranthene	23.097	252	8837	0.340	ng/ul	85
26) Benzo(a)pyrene	23.716	252	1509	0.064	ng/ul#	25
27) Indeno(1,2,3-cd)pyrene	26.280	276	3931	0.121	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.290	278	1212	0.047	ng/ul#	40
29) Benzo(g,h,i)perylene	27.028	276	770	0.027	ng/ul#	44

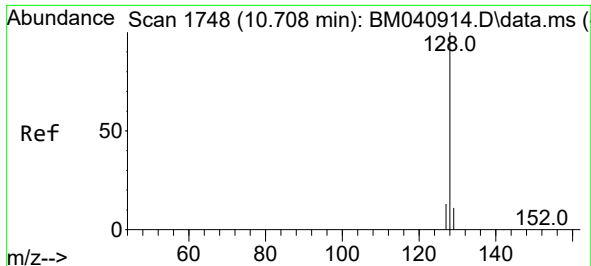
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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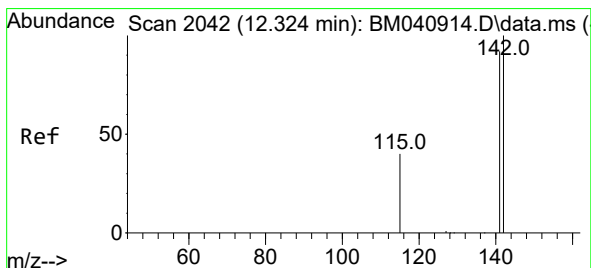
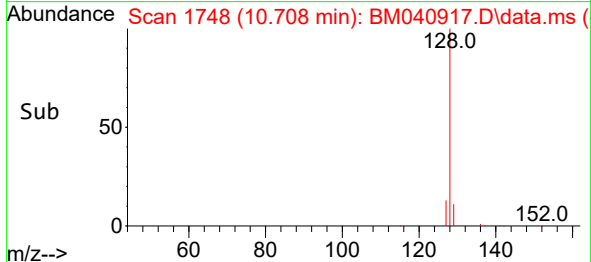
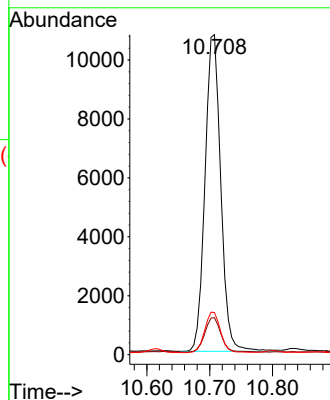
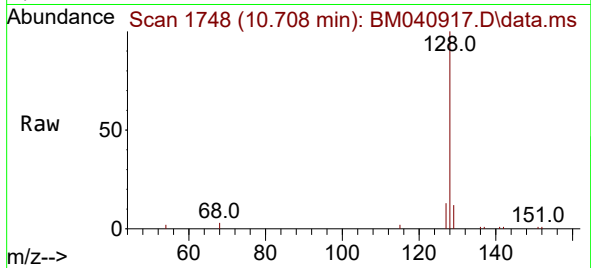




#5
Naphthalene
Concen: 0.437 ng/ul
RT: 10.708 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040917.D
Acq: 17 Jul 2023 10:55

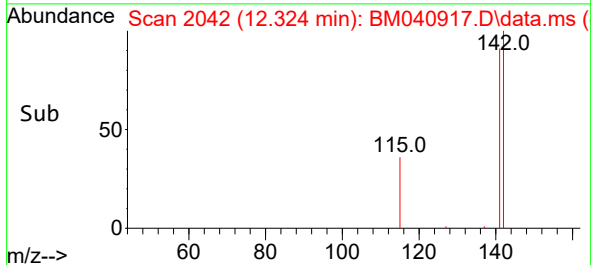
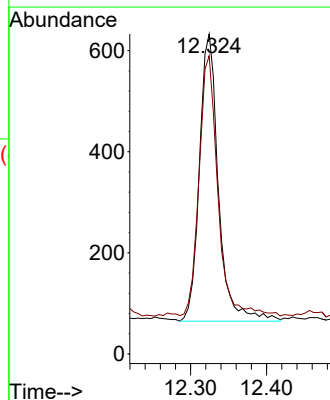
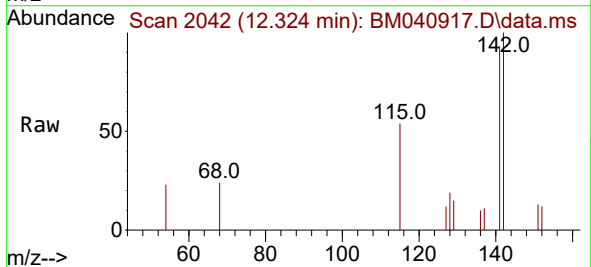
Instrument :
BNA_M
ClientSampleId :
A46H5RE

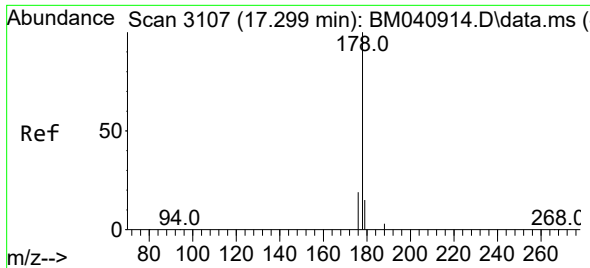
Tgt Ion:128 Resp: 18713
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.2 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BM040917.D
Acq: 17 Jul 2023 10:55

Tgt Ion:142 Resp: 988
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9

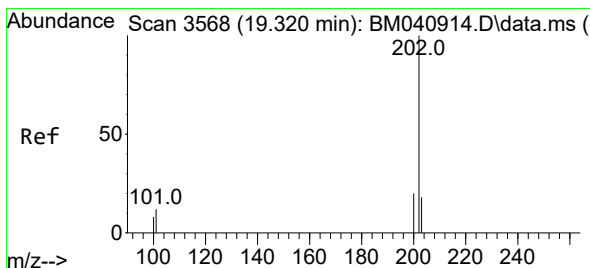
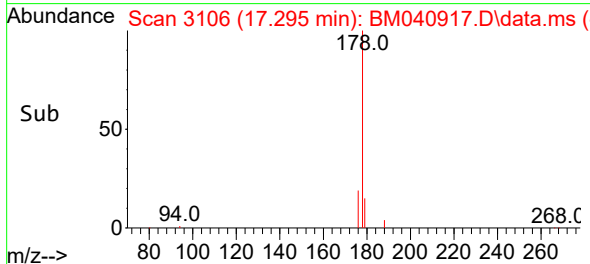
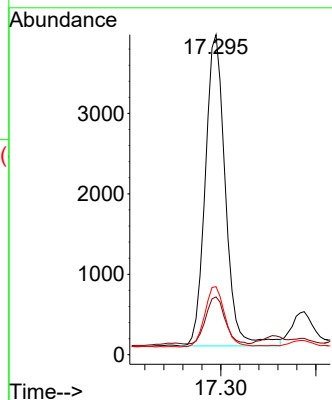
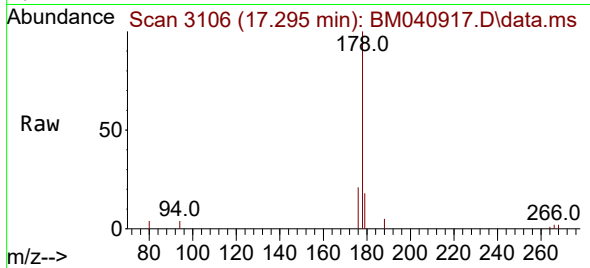




#15
Phenanthrene
Concen: 0.148 ng/ul
RT: 17.295 min Scan# 3107
Delta R.T. -0.008 min
Lab File: BM040917.D
Acq: 17 Jul 2023 10:55

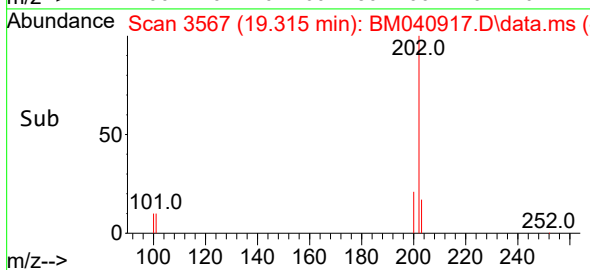
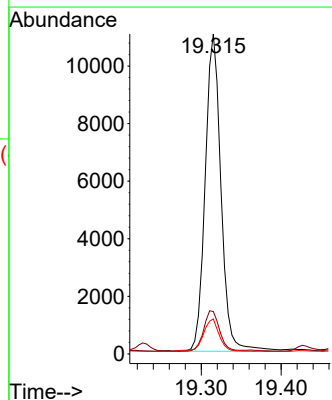
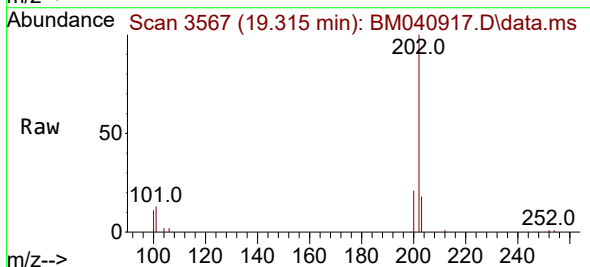
Instrument :
BNA_M
ClientSampleId :
A46H5RE

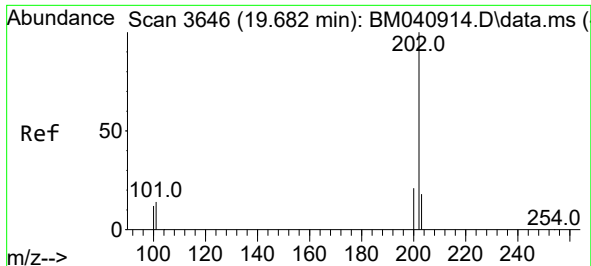
Tgt Ion:178 Resp: 5684
Ion Ratio Lower Upper
178 100
179 18.0 12.8 19.2
176 21.3 16.4 24.6



#19
Fluoranthene
Concen: 0.501 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040917.D
Acq: 17 Jul 2023 10:55

Tgt Ion:202 Resp: 15136
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 11.0 8.7 13.1

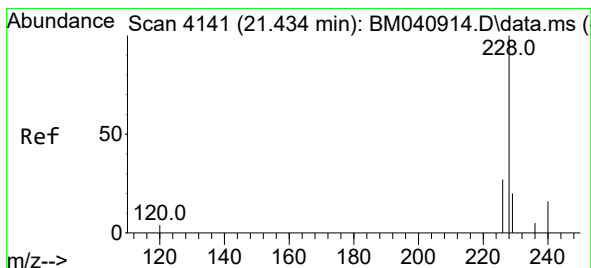
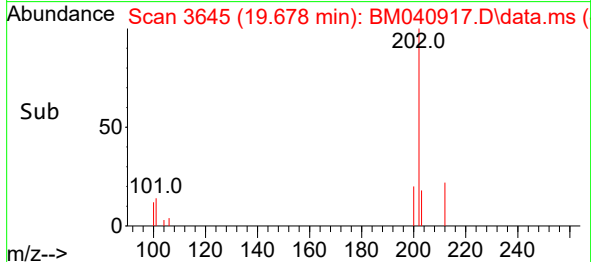
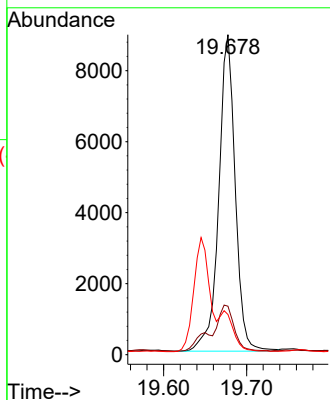
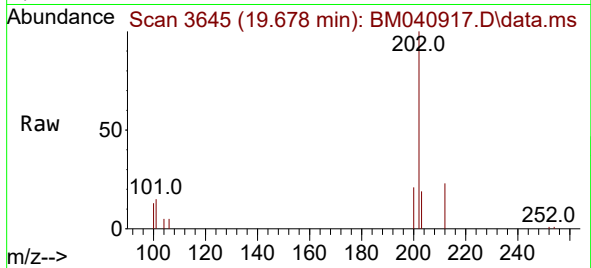




#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.678 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM040917.D
Acq: 17 Jul 2023 10:55

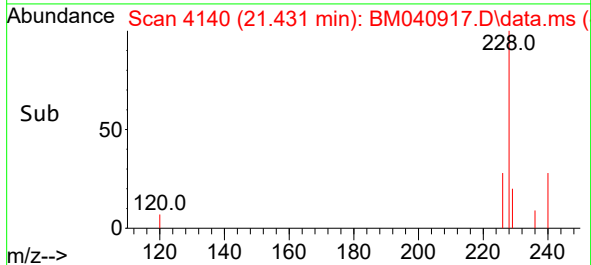
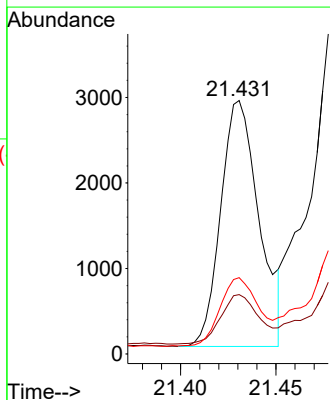
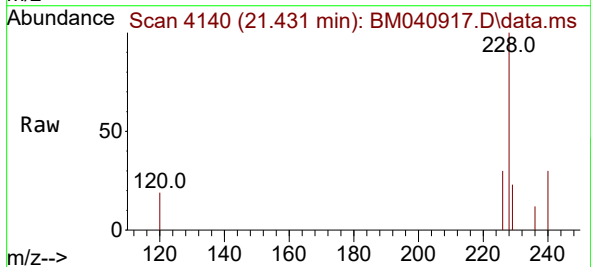
Instrument :
BNA_M
ClientSampleId :
A46H5RE

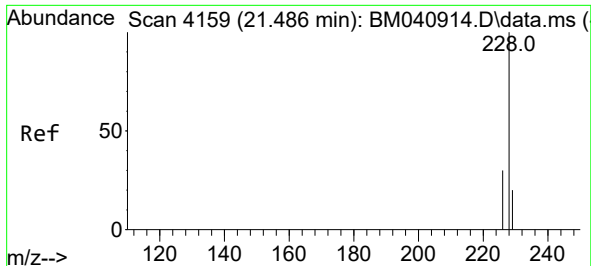
Tgt Ion:202	Resp:	12241
Ion Ratio	Lower	Upper
202	100	
101	15.2	12.6 18.8
100	12.6	9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.167 ng/ul
RT: 21.431 min Scan# 4140
Delta R.T. -0.003 min
Lab File: BM040917.D
Acq: 17 Jul 2023 10:55

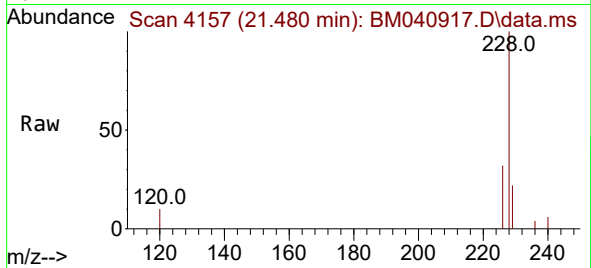
Tgt Ion:228	Resp:	4021
Ion Ratio	Lower	Upper
228	100	
229	23.4	16.0 24.0
226	30.1	22.3 33.5





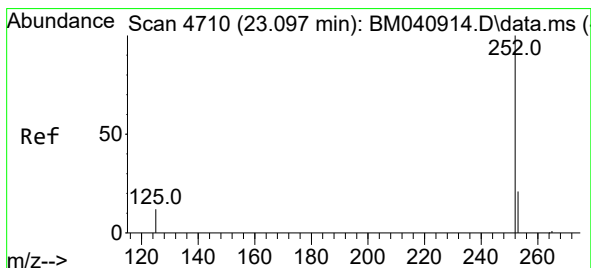
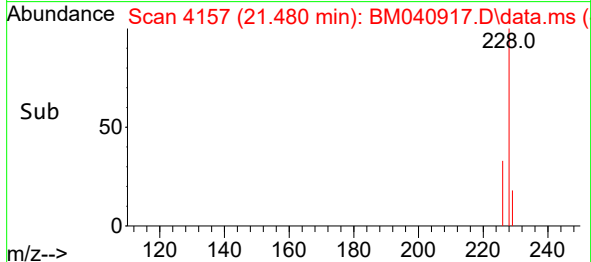
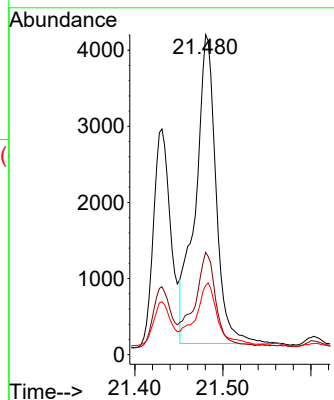
#22
Chrysene
Concen: 0.241 ng/ul
RT: 21.480 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BM040917.D
Acq: 17 Jul 2023 10:55

Instrument :
BNA_M
ClientSampleId :
A46H5RE



Tgt Ion:228 Resp: 6627

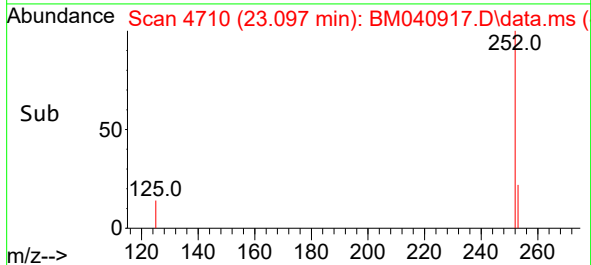
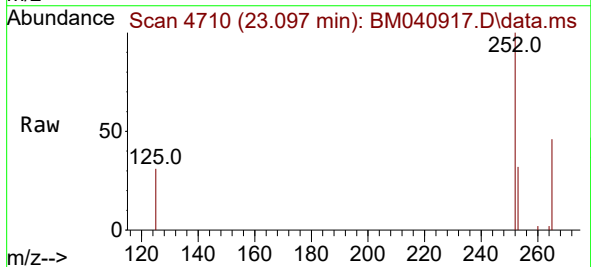
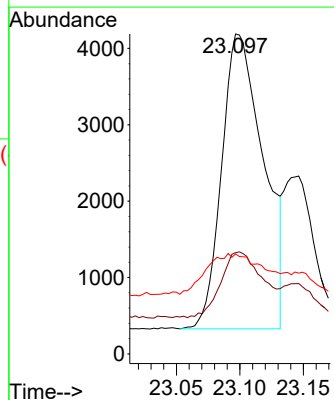
Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	21.6	15.8	23.6

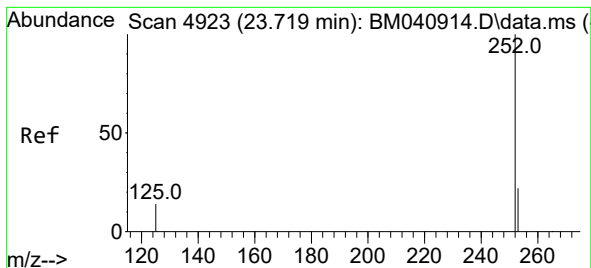


#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul
RT: 23.097 min Scan# 4710
Delta R.T. -0.006 min
Lab File: BM040917.D
Acq: 17 Jul 2023 10:55

Tgt Ion:252 Resp: 8837

Ion	Ratio	Lower	Upper
252	100		
253	31.6	0.0	52.8
125	31.2	0.0	43.0





#26

Benzo(a)pyrene

Concen: 0.064 ng/ul

RT: 23.716 min Scan# 4923

Delta R.T. -0.006 min

Lab File: BM040917.D

Acq: 17 Jul 2023 10:55

Instrument :

BNA_M

ClientSampleId :

A46H5RE

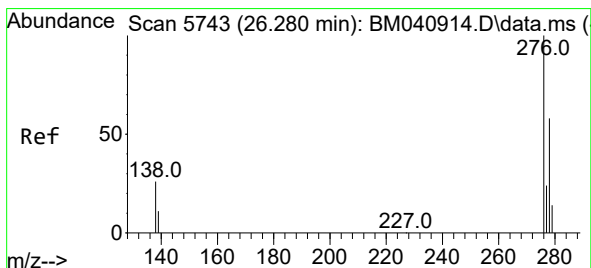
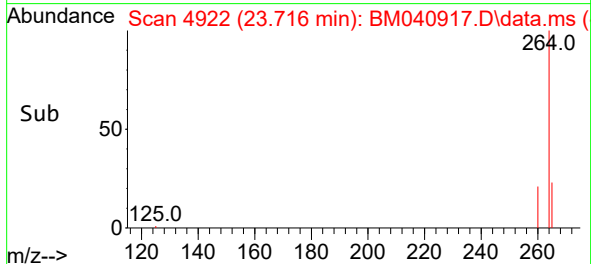
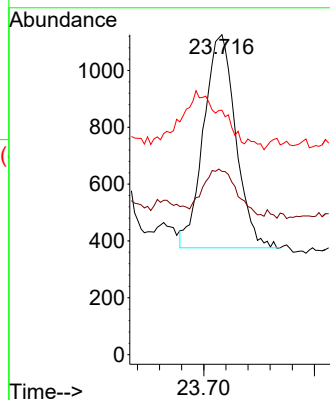
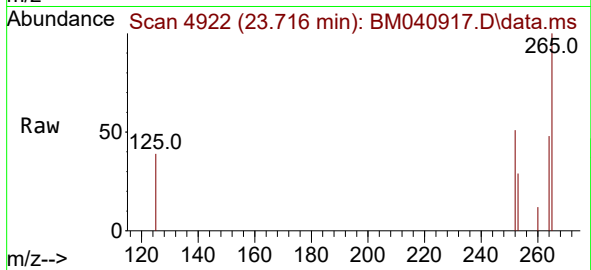
Tgt Ion:252 Resp: 1509

Ion Ratio Lower Upper

252 100

253 57.3 22.9 34.3#

125 76.4 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.121 ng/ul

RT: 26.280 min Scan# 5743

Delta R.T. -0.010 min

Lab File: BM040917.D

Acq: 17 Jul 2023 10:55

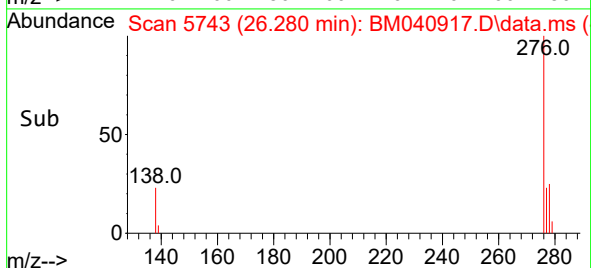
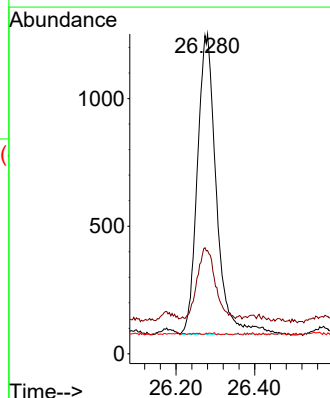
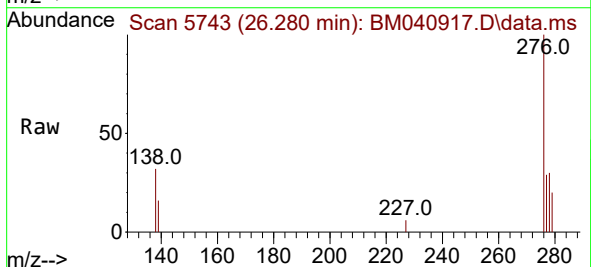
Tgt Ion:276 Resp: 3931

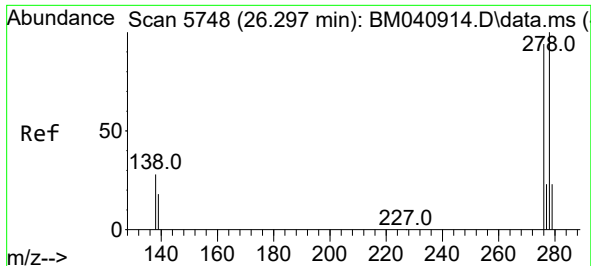
Ion Ratio Lower Upper

276 100

138 22.4 24.5 36.7#

227 0.0 0.1 0.1#

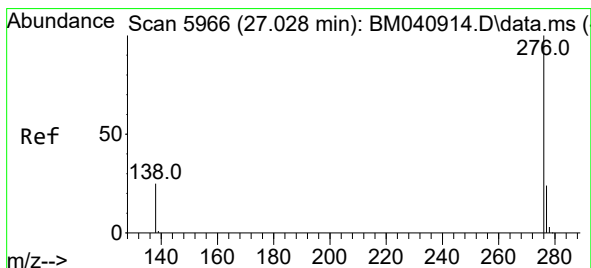
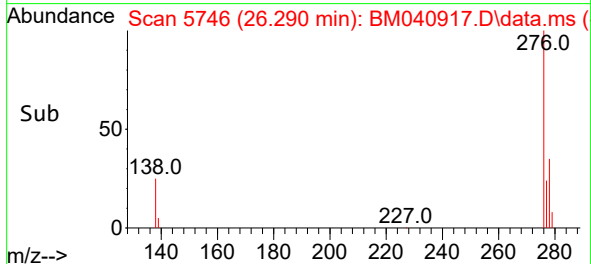
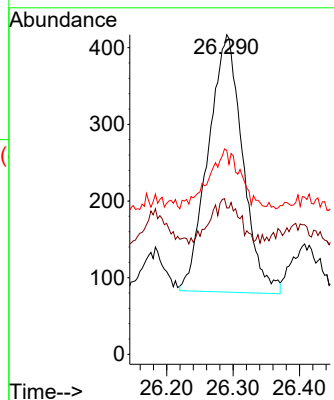
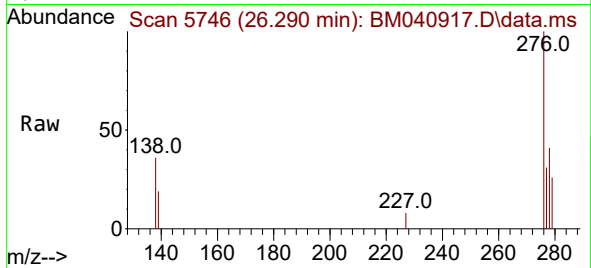




#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 26.290 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM040917.D
Acq: 17 Jul 2023 10:55

Instrument :
BNA_M
ClientSampleId :
A46H5RE

Tgt Ion:278 Resp: 1212
Ion Ratio Lower Upper
278 100
139 45.8 17.9 26.9#
279 63.8 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 27.028 min Scan# 5966
Delta R.T. -0.017 min
Lab File: BM040917.D
Acq: 17 Jul 2023 10:55

Tgt Ion:276 Resp: 770
Ion Ratio Lower Upper
276 100
138 61.3 23.0 34.6#
277 50.7 20.3 30.5#

