

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040933.D
 Acq On : 17 Jul 2023 21:51
 Operator : MA/JU
 Sample : 03423-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46T2

Quant Time: Jul 18 02:47:56 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)

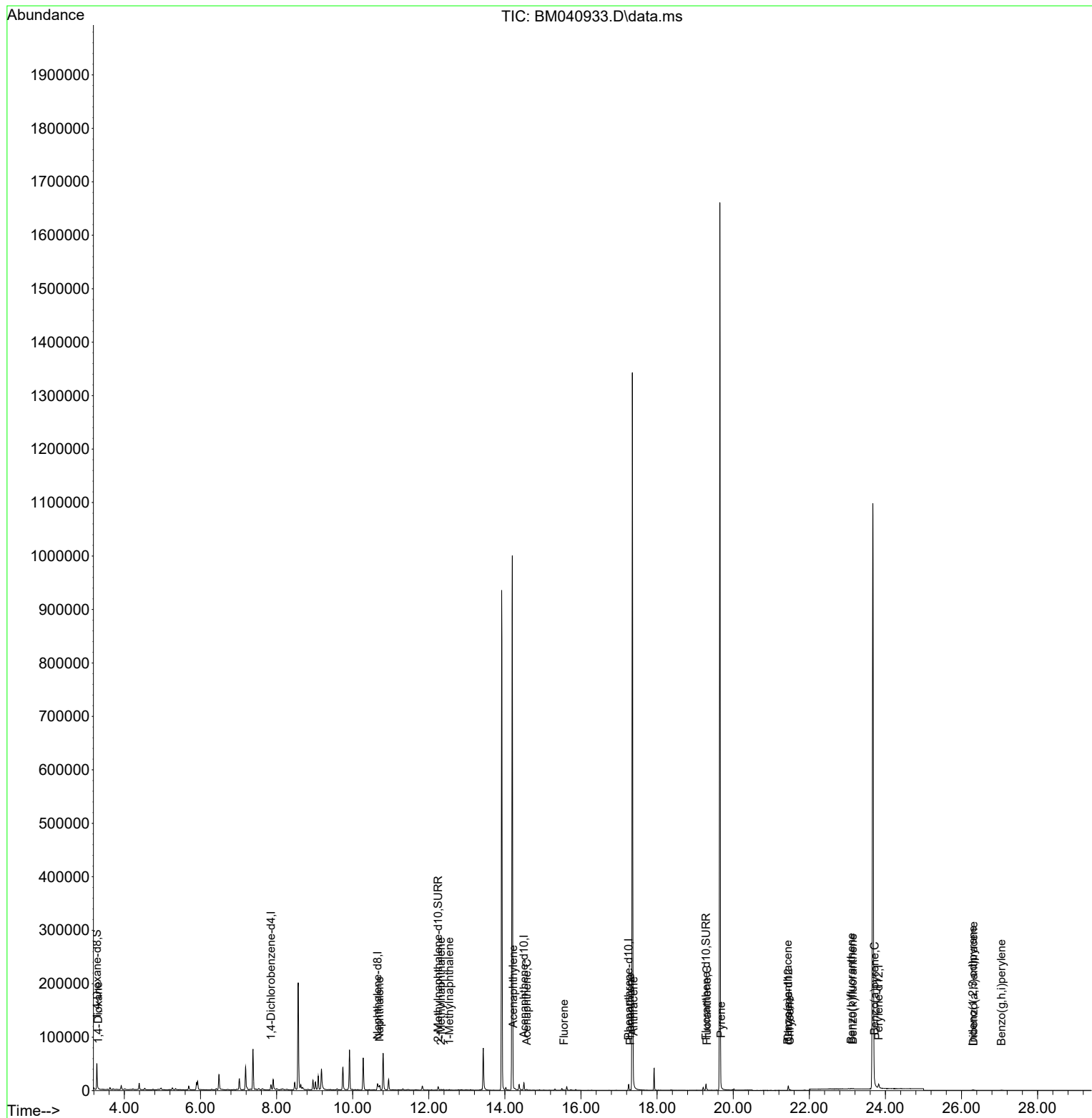
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4739	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.653	136	14960	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.499	164	7090	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	12508	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	8505	0.400	ng/ul	# 0.00
23) Perylene-d12	23.825	264	11149	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	27807	3.735	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	8237	0.393	ng/ul	-0.01
18) Fluoranthene-d10	19.287	212	12891	0.473	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.313	88	248	0.033	ng/ul#	13
5) Naphthalene	10.702	128	2571	0.062	ng/ul#	90
7) 2-Methylnaphthalene	12.319	142	949	0.039	ng/ul	98
8) 1-Methylnaphthalene	12.539	142	707	0.029	ng/ul	95
10) Acenaphthylene	14.217	152	818	0.026	ng/ul#	59
11) Acenaphthene	14.578	153	1674	0.063	ng/ul#	35
12) Fluorene	15.550	166	599	0.021	ng/ul#	97
15) Phenanthrene	17.295	178	866	0.022	ng/ul#	79
16) Anthracene	17.384	178	850	0.026	ng/ul#	73
19) Fluoranthene	19.315	202	1126	0.031	ng/ul#	81
20) Pyrene	19.678	202	1004	0.026	ng/ul#	62
21) Benzo(a)anthracene	21.434	228	845	0.029	ng/ul#	87
22) Chrysene	21.486	228	957	0.029	ng/ul#	89
24) Benzo(b)fluoranthene	23.102	252	1230	0.029	ng/ul#	22
25) Benzo(k)fluoranthene	23.149	252	1031	0.024	ng/ul#	17
26) Benzo(a)pyrene	23.713	252	890	0.023	ng/ul#	9
27) Indeno(1,2,3-cd)pyrene	26.294	276	1281	0.024	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.317	278	886	0.021	ng/ul#	30
29) Benzo(g,h,i)perylene	27.052	276	1046	0.022	ng/ul#	64

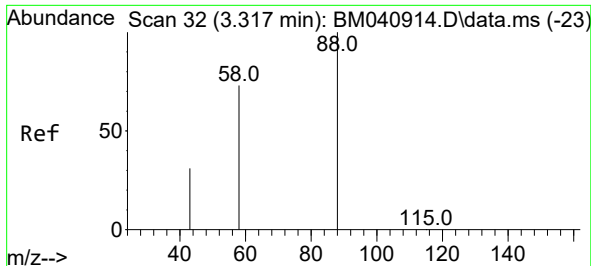
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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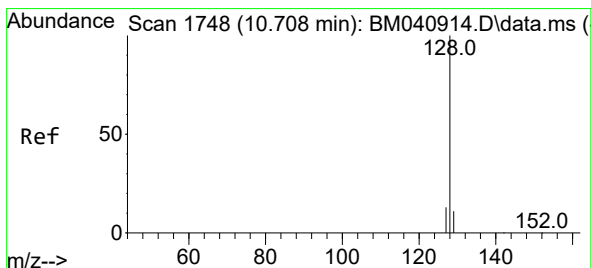
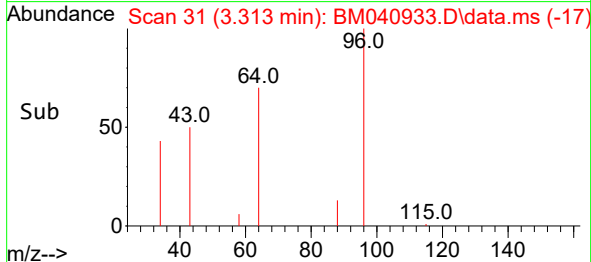
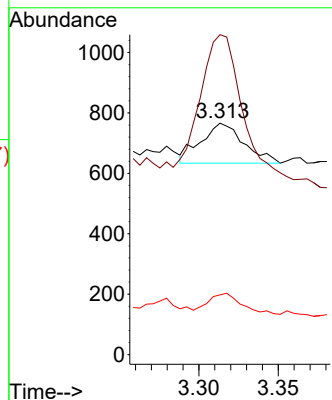
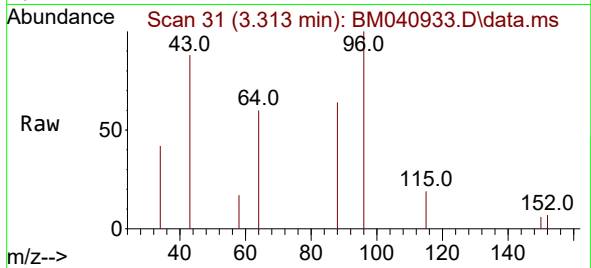




#2
1,4-Dioxane
Concen: 0.033 ng/ul
RT: 3.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

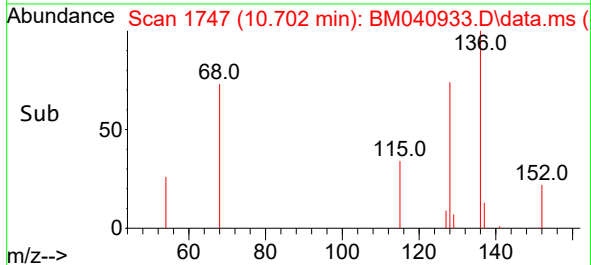
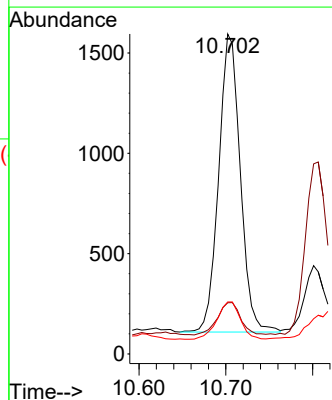
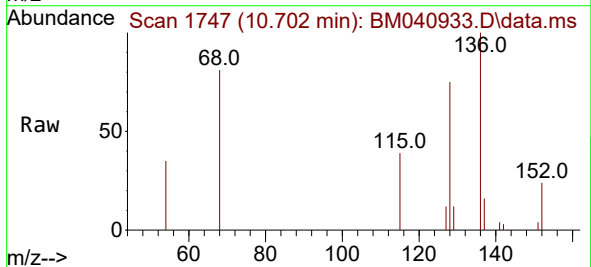
Instrument :
BNA_M
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A46T2

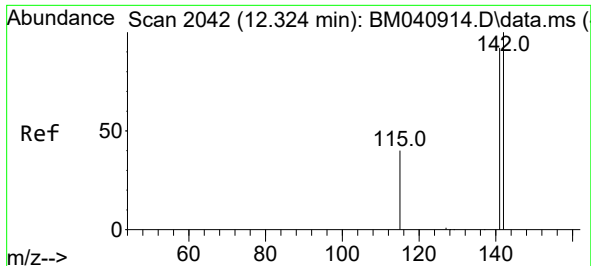
Tgt Ion: 88 Resp: 248
Ion Ratio Lower Upper
88 100
43 138.3 36.1 54.1#
58 25.8 49.8 74.8#



#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.702 min Scan# 1747
Delta R.T. -0.011 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Tgt Ion: 128 Resp: 2571
Ion Ratio Lower Upper
128 100
129 16.0 9.2 13.8#
127 16.2 10.6 15.8#

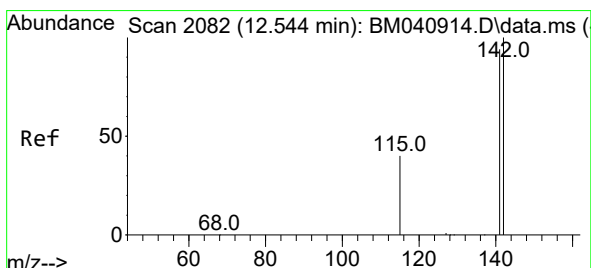
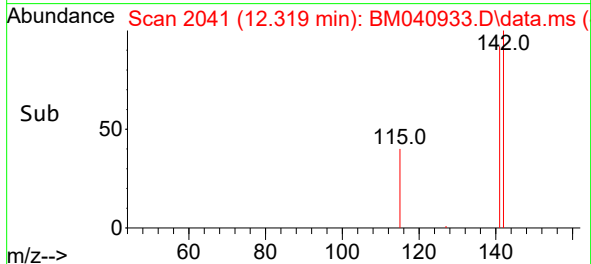
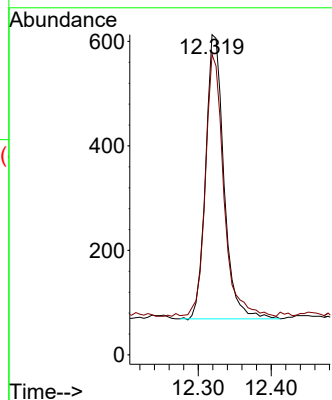
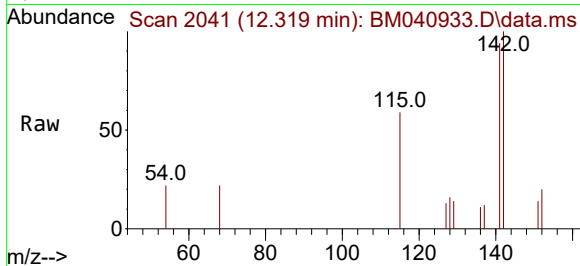




#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

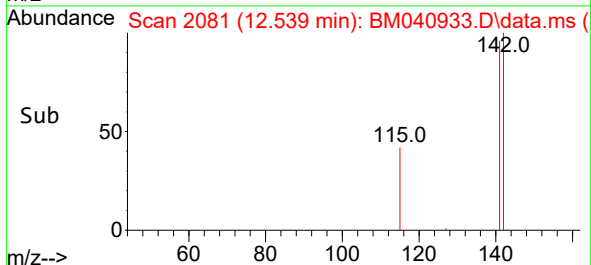
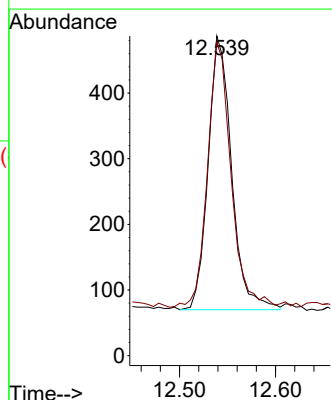
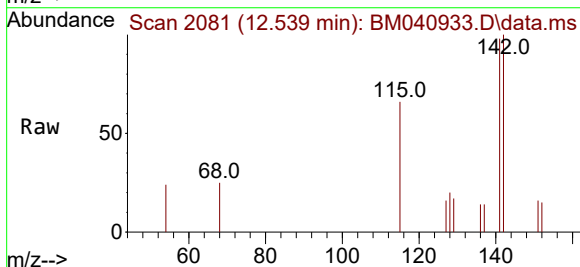
Instrument :
BNA_M
ClientSampleId :
A46T2

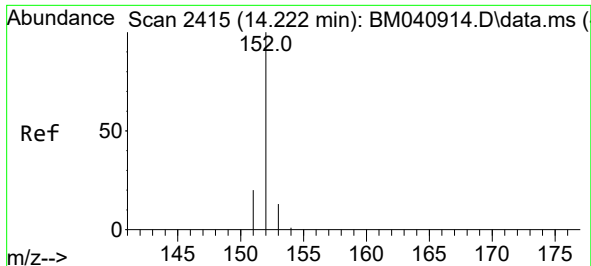
Tgt Ion:142 Resp: 949
Ion Ratio Lower Upper
142 100
141 91.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.539 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Tgt Ion:142 Resp: 707
Ion Ratio Lower Upper
142 100
141 96.6 73.7 110.5

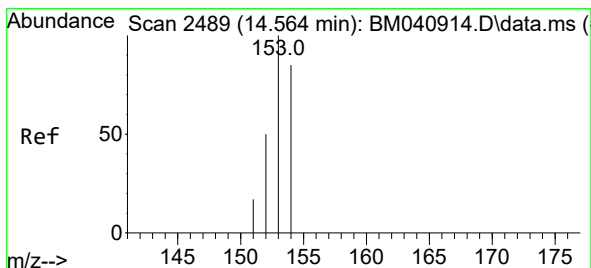
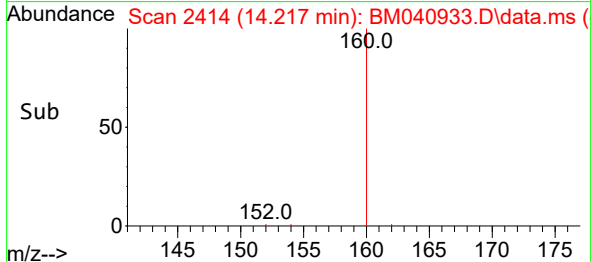
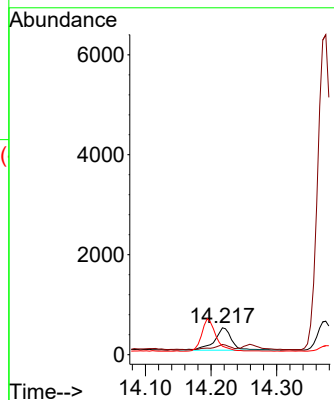
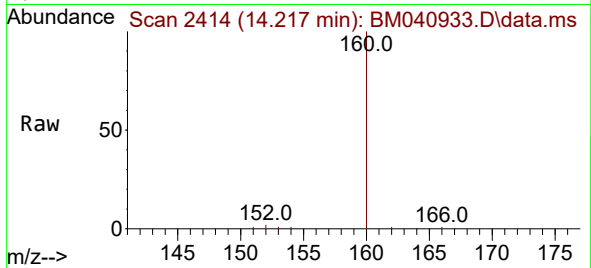




#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.217 min Scan# 2414
Delta R.T. -0.014 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

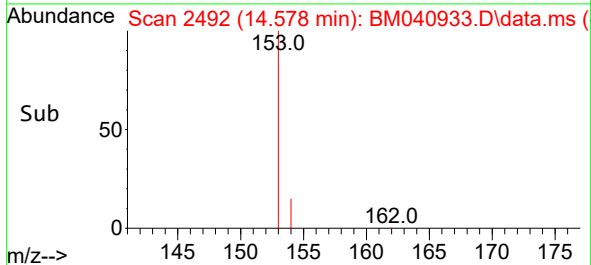
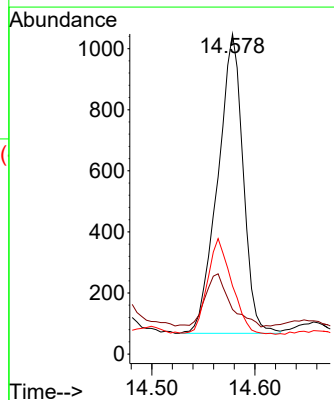
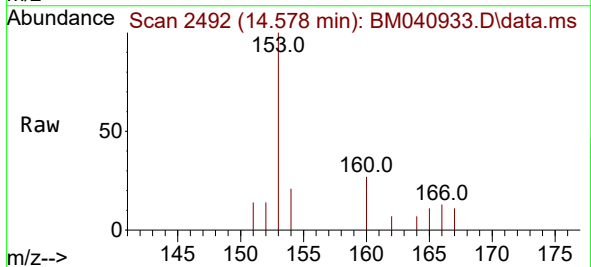
Instrument :
BNA_M
ClientSampleId :
A46T2

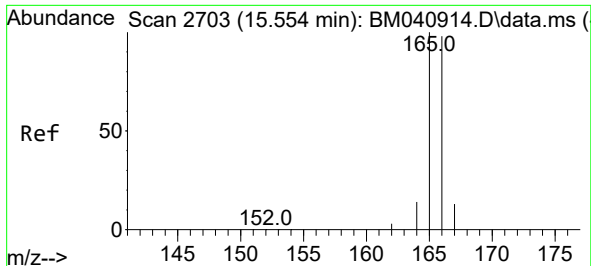
Tgt Ion:152 Resp: 818
Ion Ratio Lower Upper
152 100
151 38.0 16.2 24.2#
153 31.7 10.9 16.3#



#11
Acenaphthene
Concen: 0.063 ng/ul
RT: 14.578 min Scan# 2492
Delta R.T. 0.009 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Tgt Ion:153 Resp: 1674
Ion Ratio Lower Upper
153 100
152 13.9 41.0 61.4#
154 21.3 70.8 106.2#

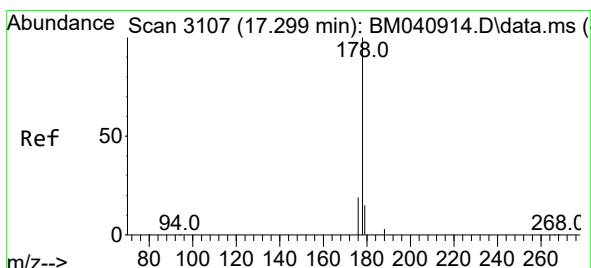
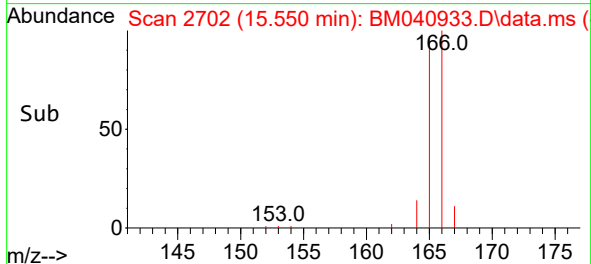
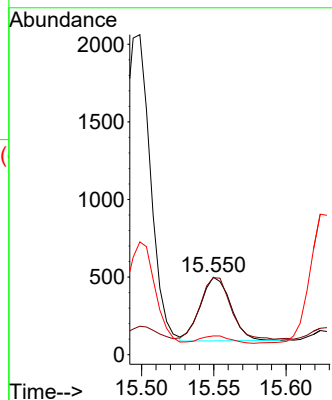
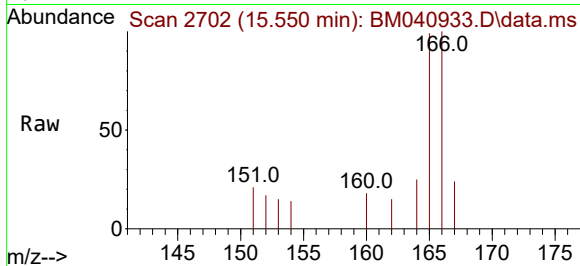




#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.550 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

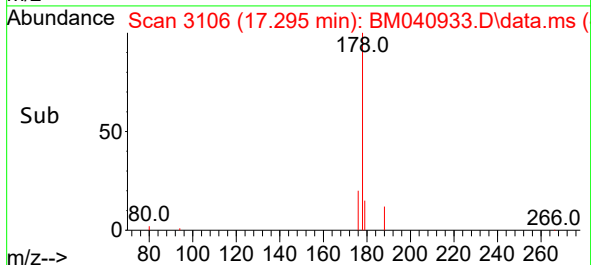
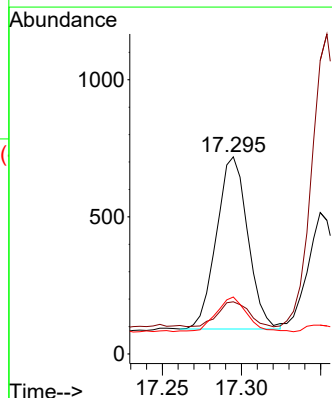
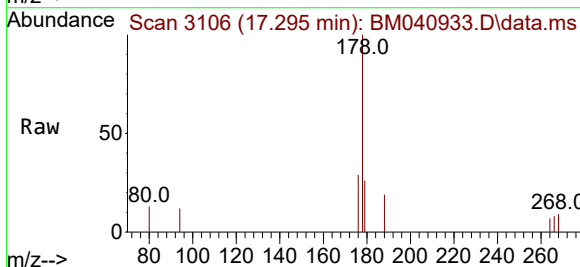
Instrument :
BNA_M
ClientSampleId :
A46T2

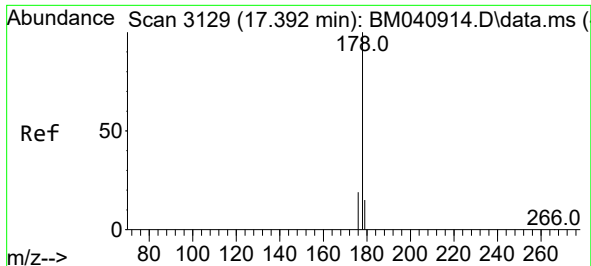
Tgt Ion:166 Resp: 599
Ion Ratio Lower Upper
166 100
165 99.4 79.6 119.4
167 24.2 11.4 17.0#



#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.295 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Tgt Ion:178 Resp: 866
Ion Ratio Lower Upper
178 100
179 26.4 12.8 19.2#
176 28.9 16.4 24.6#

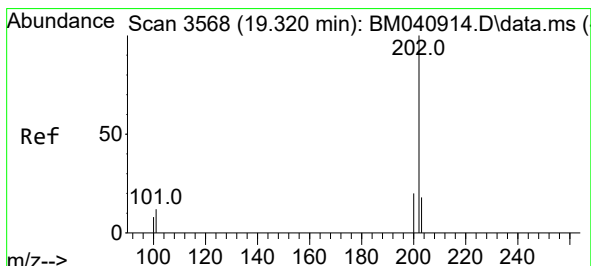
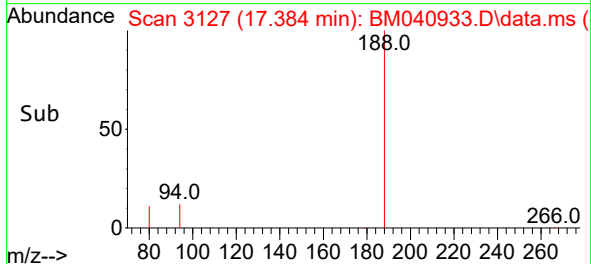
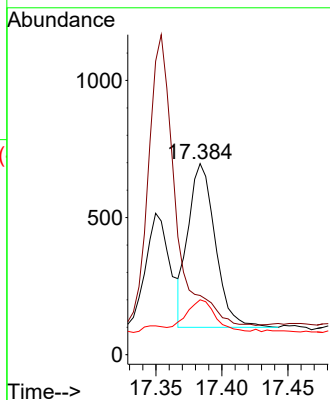
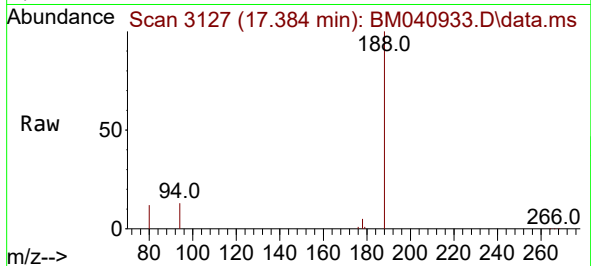




#16
 Anthracene
 Concen: 0.026 ng/ul
 RT: 17.384 min Scan# 3127
 Delta R.T. -0.013 min
 Lab File: BM040933.D
 Acq: 17 Jul 2023 21:51

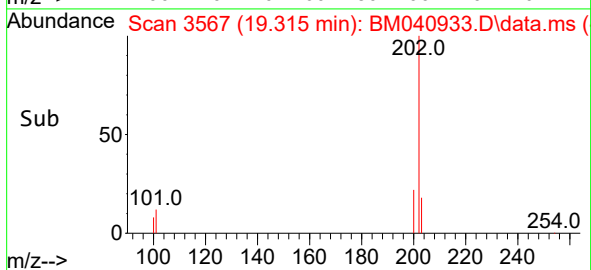
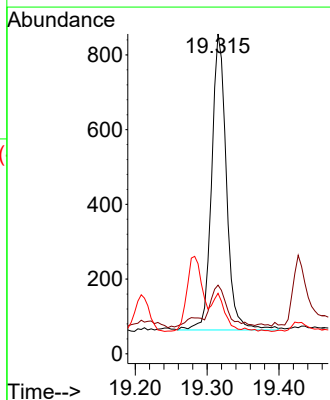
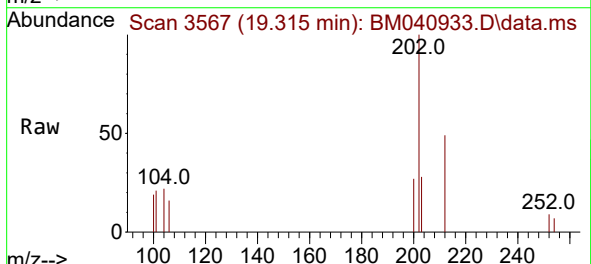
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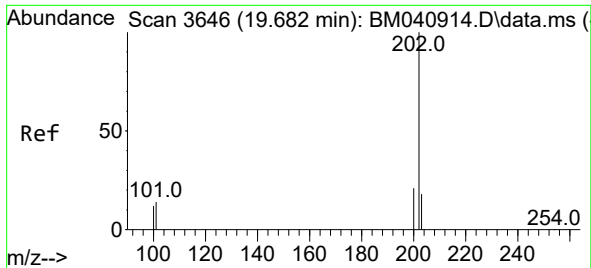
Tgt Ion:178 Resp: 850
 Ion Ratio Lower Upper
 178 100
 179 31.0 12.9 19.3#
 176 28.7 15.8 23.6#



#19
 Fluoranthene
 Concen: 0.031 ng/ul
 RT: 19.315 min Scan# 3567
 Delta R.T. -0.009 min
 Lab File: BM040933.D
 Acq: 17 Jul 2023 21:51

Tgt Ion:202 Resp: 1126
 Ion Ratio Lower Upper
 202 100
 101 21.5 11.4 17.0#
 100 18.9 8.7 13.1#

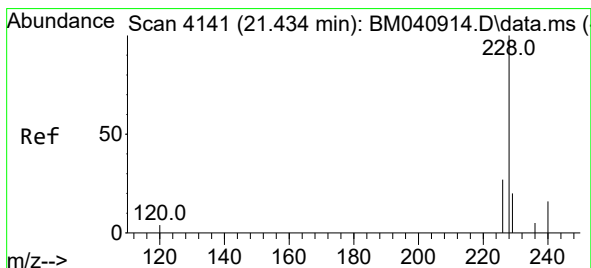
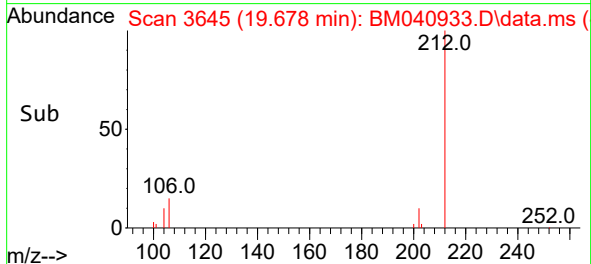
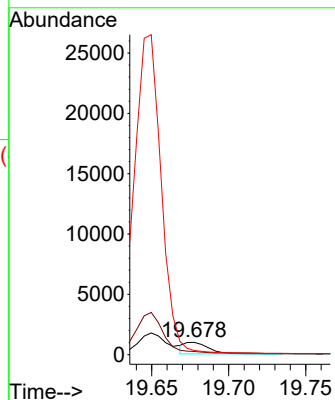
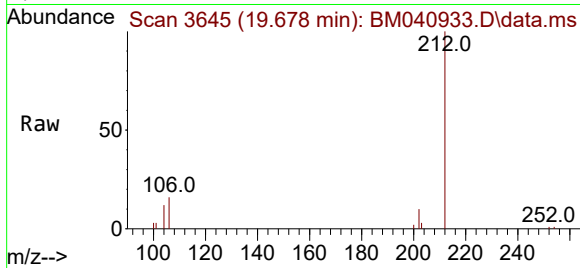




#20
Pyrene
Concen: 0.026 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

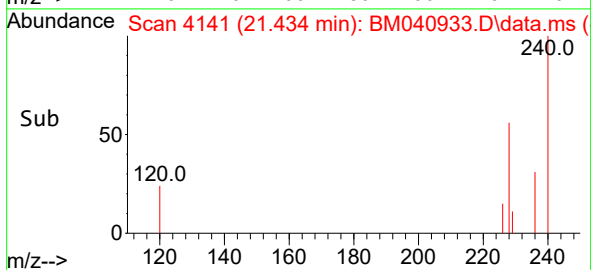
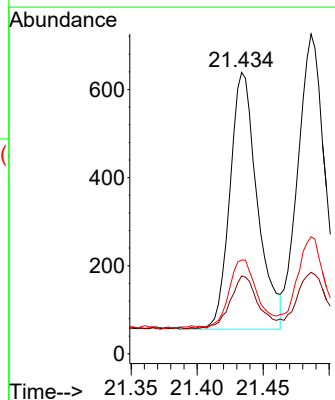
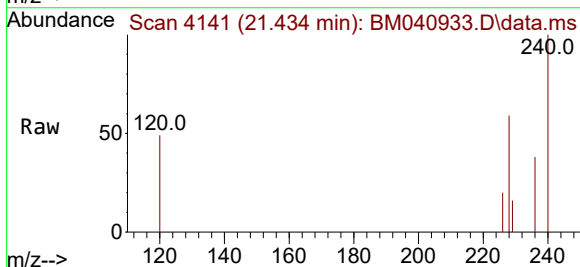
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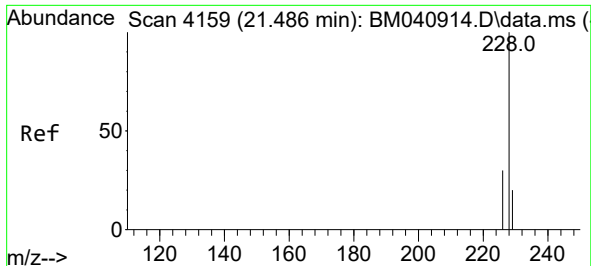
Tgt Ion:202 Resp: 1004
Ion Ratio Lower Upper
202 100
101 25.7 12.6 18.8#
100 34.3 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.029 ng/ul
RT: 21.434 min Scan# 4141
Delta R.T. 0.000 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

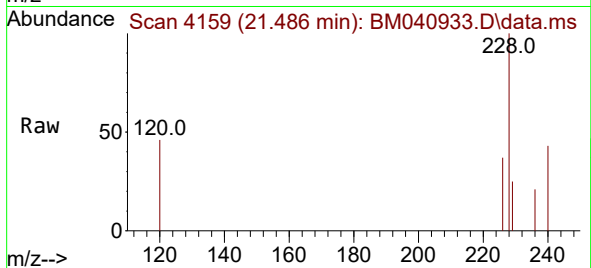
Tgt Ion:228 Resp: 845
Ion Ratio Lower Upper
228 100
229 27.7 16.0 24.0#
226 33.3 22.3 33.5



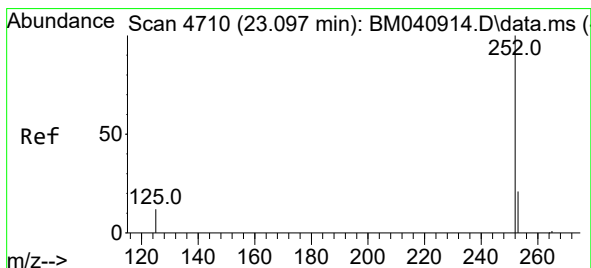
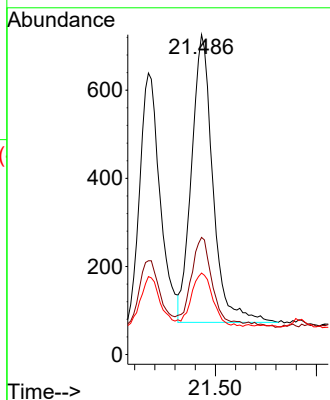
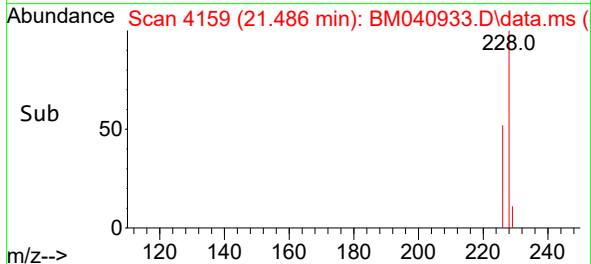


#22
Chrysene
Concen: 0.029 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. 0.000 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

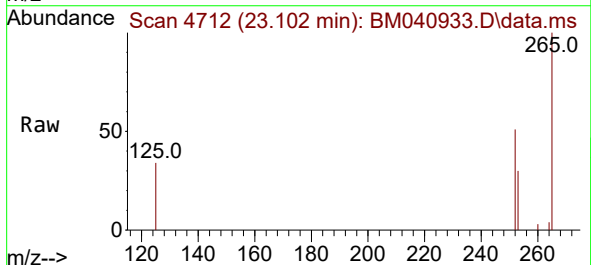
Instrument :
BNA_M
ClientSampleId :
A46T2



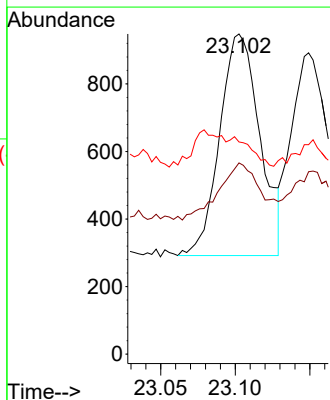
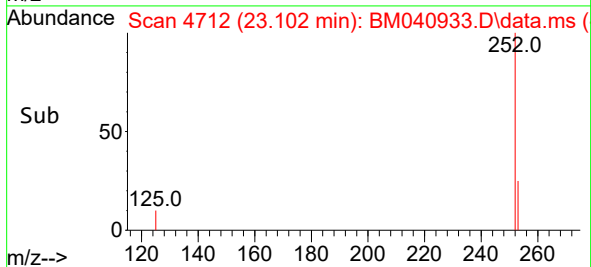
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Ion Ratio Lower Upper
228 100
226 36.6 24.9 37.3
229 25.5 15.8 23.6#

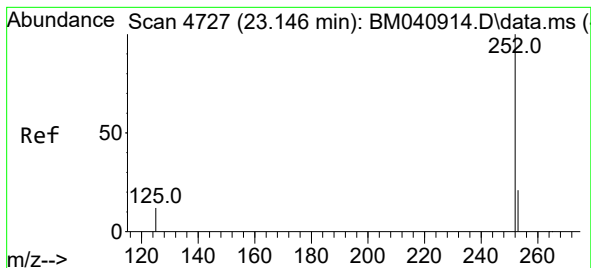


#24
Benzo(b)fluoranthene
Concen: 0.029 ng/ul
RT: 23.102 min Scan# 4712
Delta R.T. 0.000 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51



Tgt Ion:252 Resp: 1230
Ion Ratio Lower Upper
252 100
253 59.7 0.0 52.8#
125 66.2 0.0 43.0#





#25

Benzo(k)fluoranthene

Concen: 0.024 ng/ul

RT: 23.149 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM040933.D

Acq: 17 Jul 2023 21:51

Instrument :

BNA_M

ClientSampleId :

A46T2

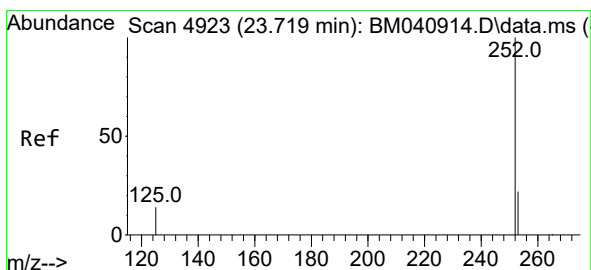
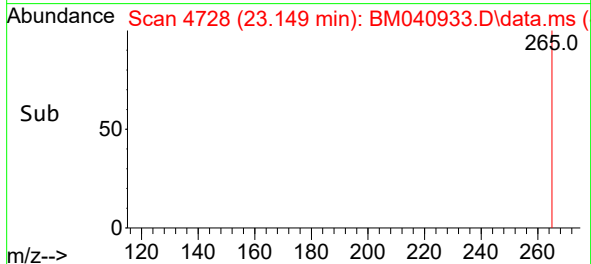
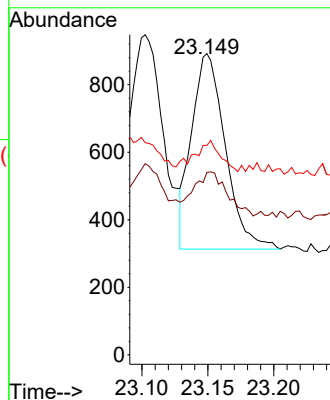
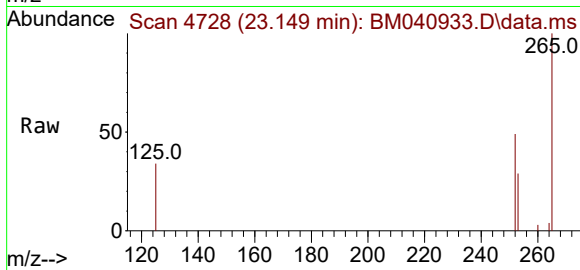
Tgt Ion:252 Resp: 1031

Ion Ratio Lower Upper

252 100

253 60.5 21.2 31.8#

125 69.5 16.4 24.6#



#26

Benzo(a)pyrene

Concen: 0.023 ng/ul

RT: 23.713 min Scan# 4921

Delta R.T. -0.009 min

Lab File: BM040933.D

Acq: 17 Jul 2023 21:51

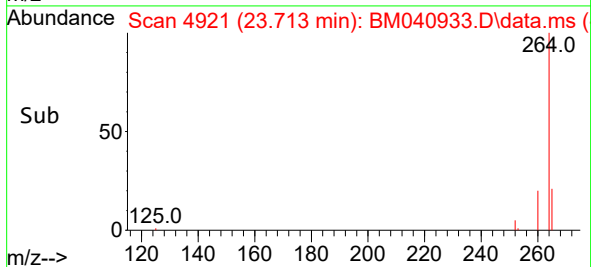
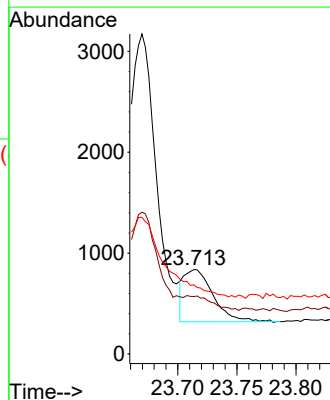
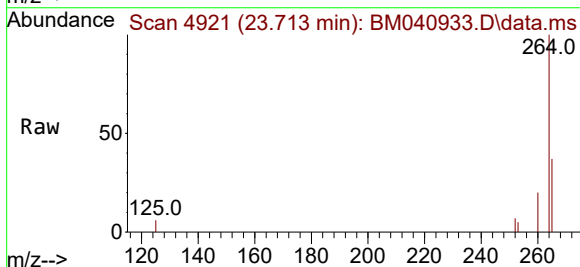
Tgt Ion:252 Resp: 890

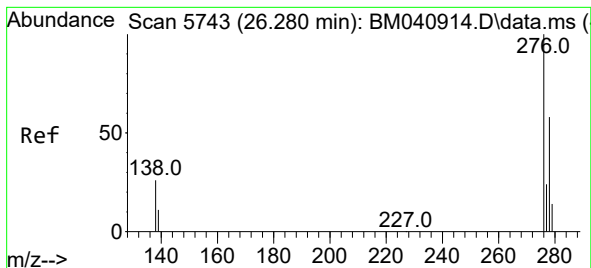
Ion Ratio Lower Upper

252 100

253 68.1 22.9 34.3#

125 81.8 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.024 ng/ul

RT: 26.294 min Scan# 5

Delta R.T. 0.003 min

Lab File: BM040933.D

Acq: 17 Jul 2023 21:51

Instrument :

BNA_M

ClientSampleId :

A46T2

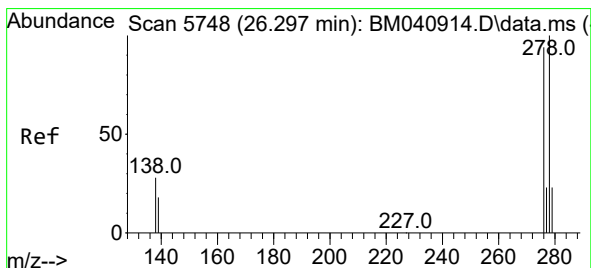
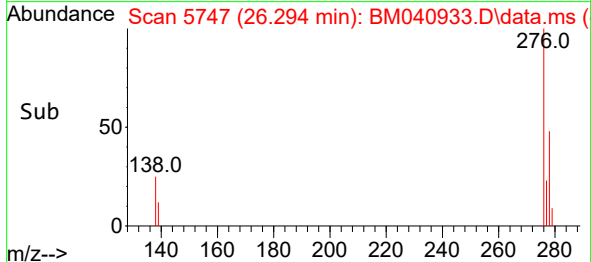
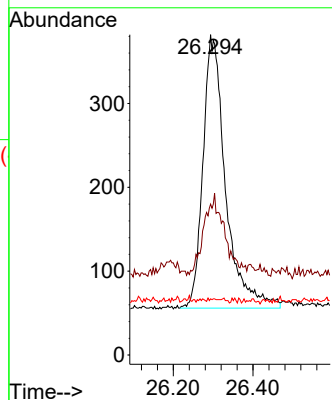
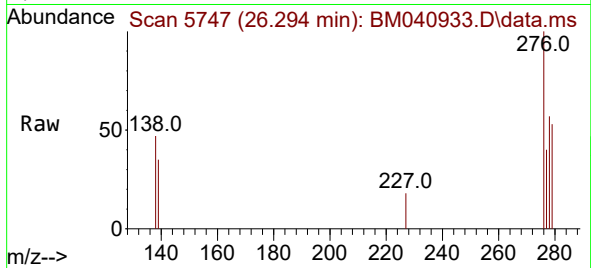
Tgt Ion:276 Resp: 1281

Ion Ratio Lower Upper

276 100

138 26.1 24.5 36.7

227 0.4 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.021 ng/ul

RT: 26.317 min Scan# 5754

Delta R.T. 0.010 min

Lab File: BM040933.D

Acq: 17 Jul 2023 21:51

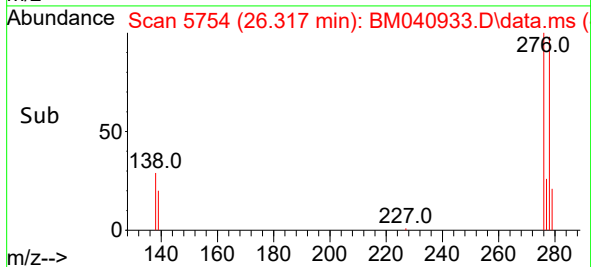
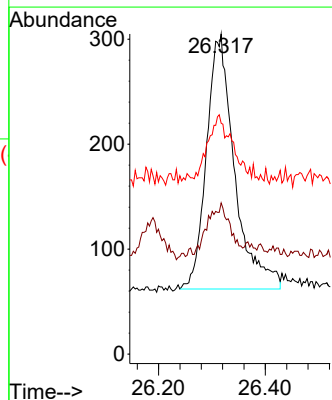
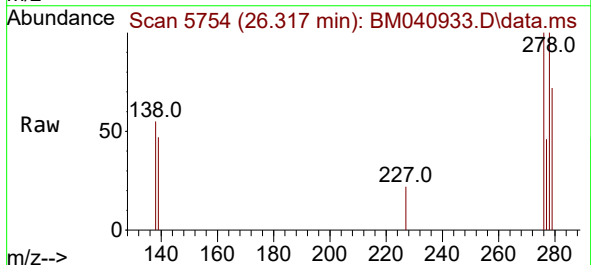
Tgt Ion:278 Resp: 886

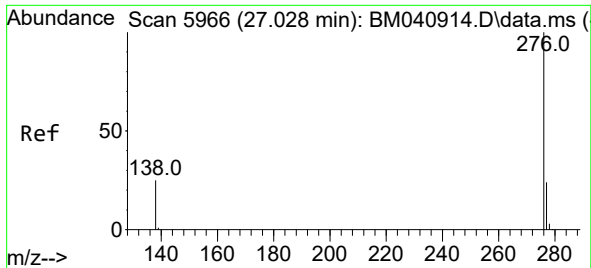
Ion Ratio Lower Upper

278 100

139 47.2 17.9 26.9#

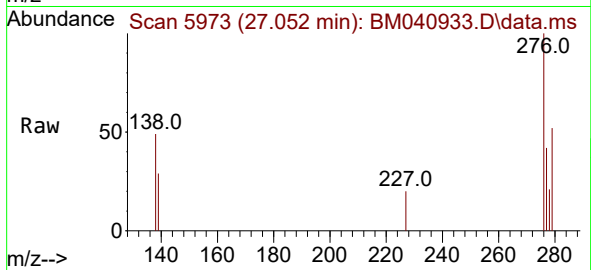
279 72.1 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 27.052 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM040933.D
Acq: 17 Jul 2023 21:51

Instrument :
BNA_M
ClientSampleId :
A46T2



Tgt Ion:276 Resp: 1046
Ion Ratio Lower Upper
276 100
138 49.4 23.0 34.6#
277 42.5 20.3 30.5#

