

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040991.D
 Acq On : 20 Jul 2023 21:05
 Operator : MA/JU
 Sample : 03452-22MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 22:08:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

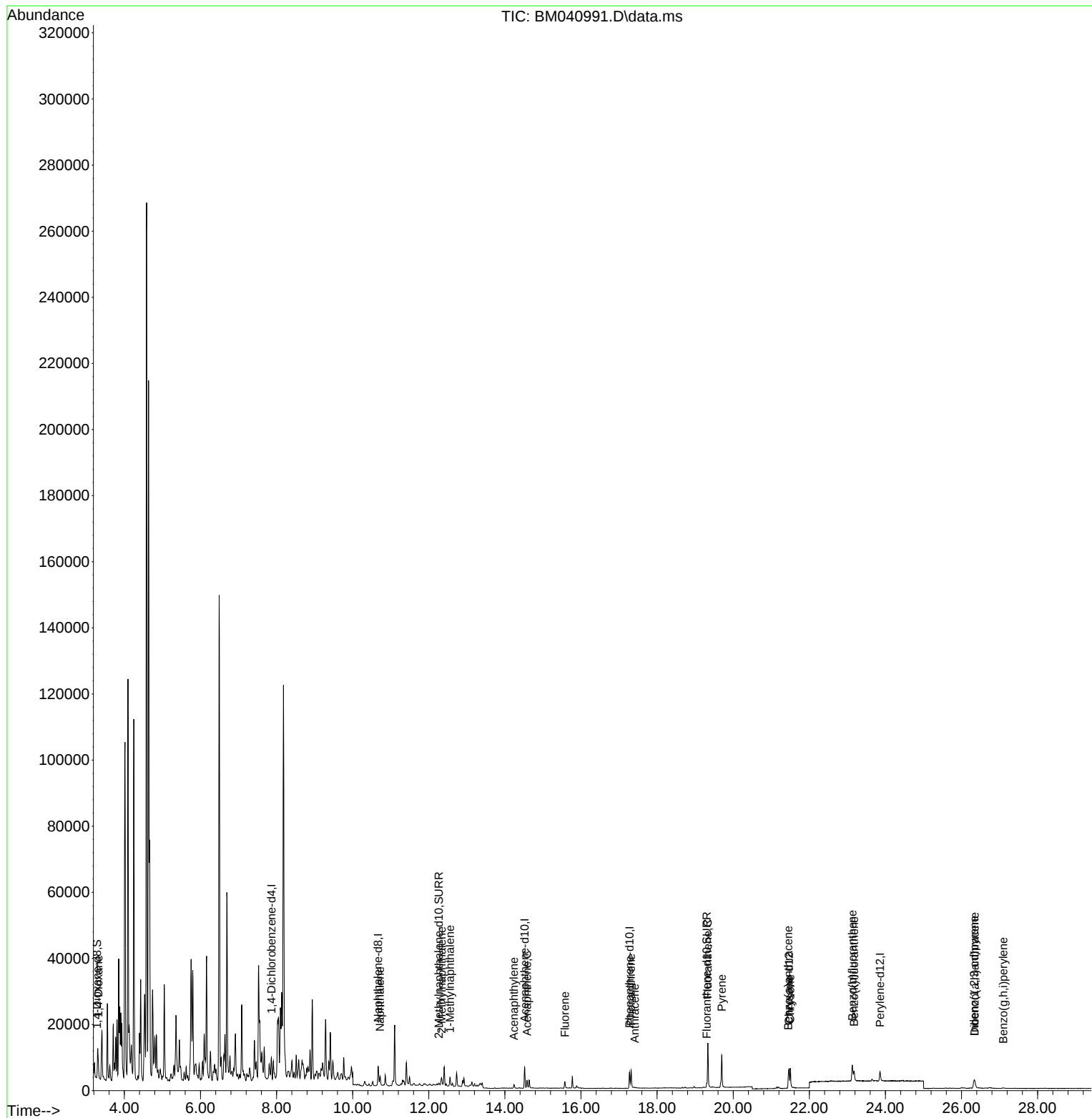
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	3443	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.669	136	8653	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.518	164	3763	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	6270	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	4684	0.400	ng/ul	0.00
23) Perylene-d12	23.860	264	4253	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	572	0.101	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	1078	0.093	ng/ul	-0.02
18) Fluoranthene-d10	19.306	212	1572	0.080	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.318	88	2844	0.477	ng/ul#	1
5) Naphthalene	10.719	128	4094	0.173	ng/ul#	94
7) 2-Methylnaphthalene	12.341	142	1448	0.112	ng/ul	95
8) 1-Methylnaphthalene	12.561	142	1521	0.110	ng/ul	99
10) Acenaphthylene	14.241	152	1489	0.094	ng/ul#	81
11) Acenaphthene	14.583	153	1639	0.118	ng/ul	98
12) Fluorene	15.578	166	1498	0.104	ng/ul#	97
15) Phenanthrene	17.316	178	6497	0.347	ng/ul	97
16) Anthracene	17.413	178	558	0.038	ng/ul#	49
19) Fluoranthene	19.334	202	12148	0.502	ng/ul	99
20) Pyrene	19.701	202	8938	0.362	ng/ul	100
21) Benzo(a)anthracene	21.448	228	3392	0.238	ng/ul	95
22) Chrysene	21.501	228	6008	0.368	ng/ul	98
24) Benzo(b)fluoranthene	23.129	252	7580	0.464	ng/ul	95
25) Benzo(k)fluoranthene	23.176	252	3960	0.255	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.334	276	4531	0.242	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.347	278	2442	0.173	ng/ul#	82
29) Benzo(g,h,i)perylene	27.095	276	358	0.021	ng/ul#	23

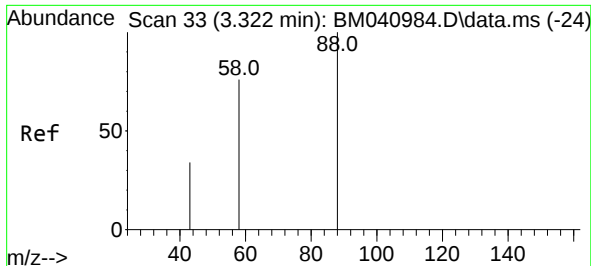
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
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BNA_M
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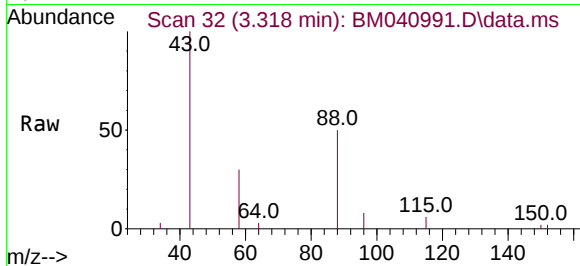
Quant Time: Jul 20 22:08:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration



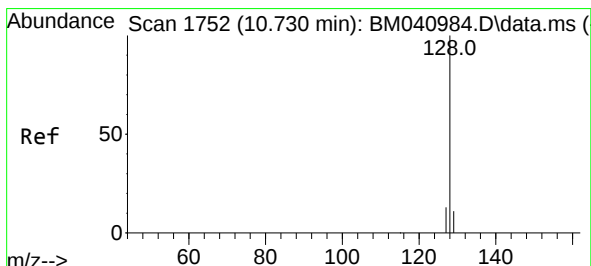
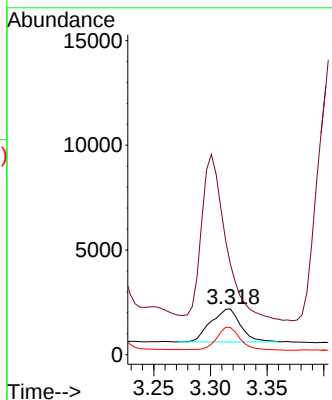
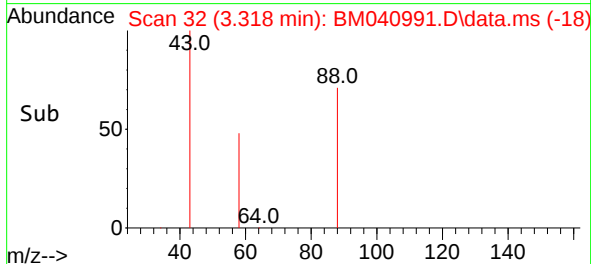


#2
1,4-Dioxane
Concen: 0.477 ng/ul
RT: 3.318 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM040991.D
Acq: 20 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :

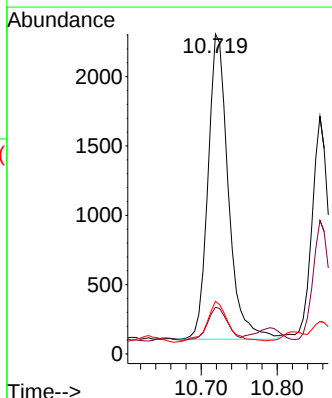
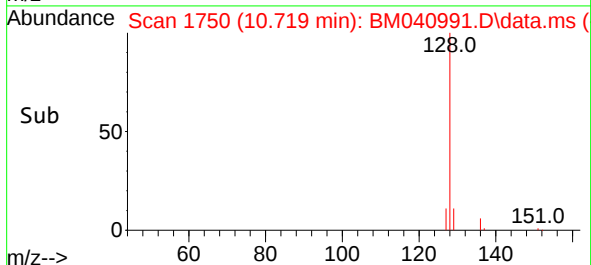
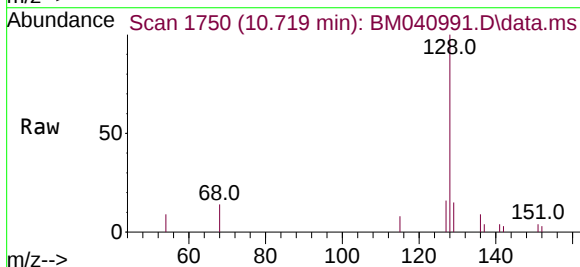


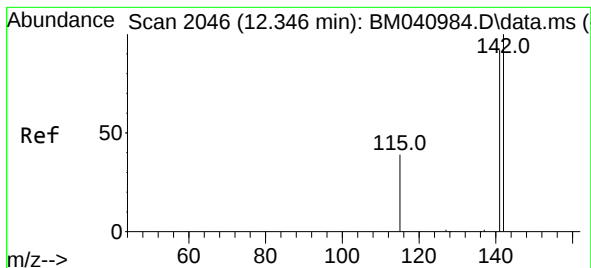
Tgt Ion: 88 Resp: 2844
Ion Ratio Lower Upper
88 100
43 198.2 46.7 70.1#
58 59.5 40.3 60.5



#5
Naphthalene
Concen: 0.173 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. -0.011 min
Lab File: BM040991.D
Acq: 20 Jul 2023 21:05

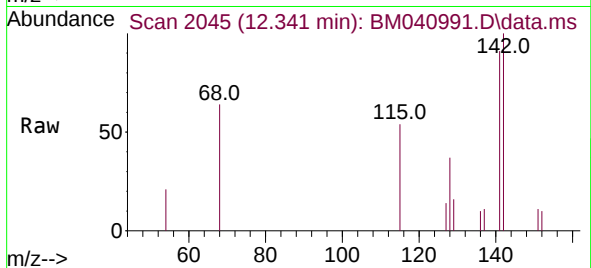
Tgt Ion:128 Resp: 4094
Ion Ratio Lower Upper
128 100
129 14.6 9.8 14.8
127 16.5 11.0 16.4#



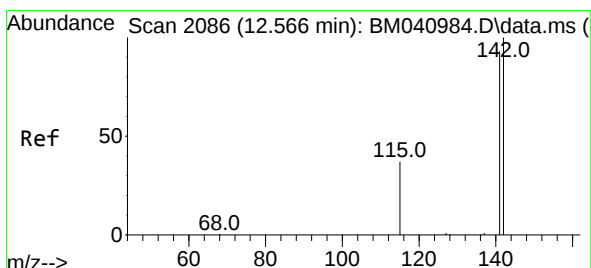
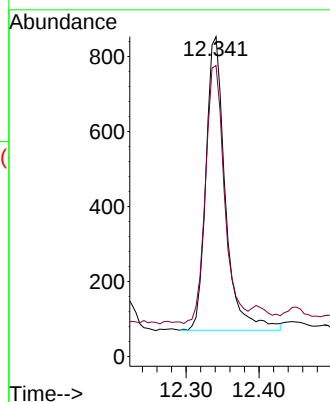
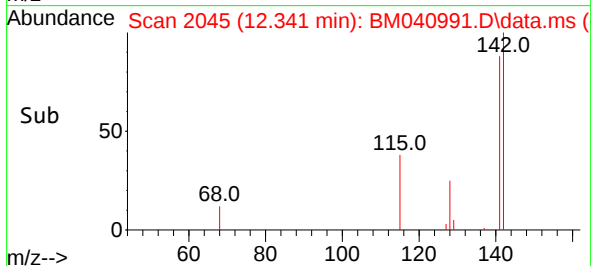


#7
2-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.341 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM040991.D
Acq: 20 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :

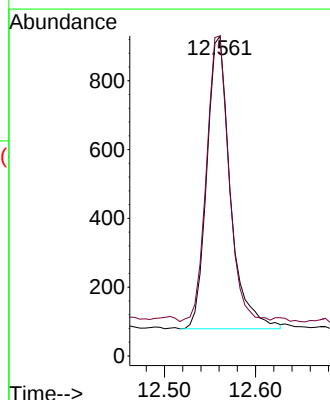
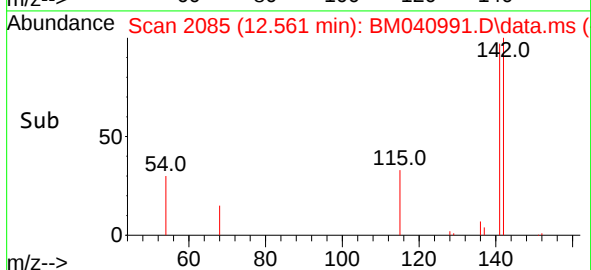
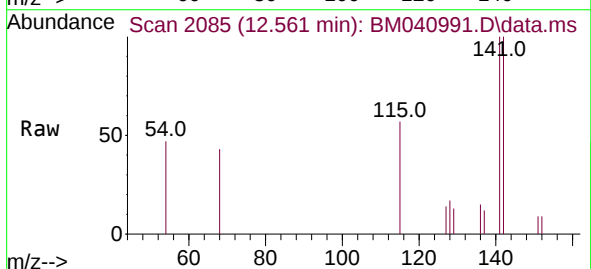


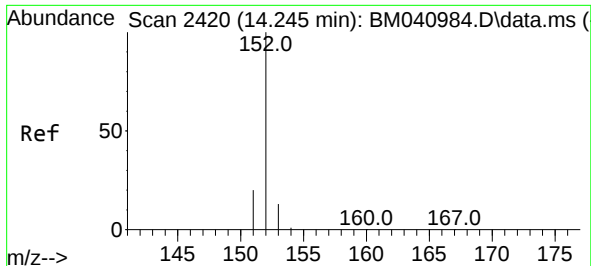
Tgt Ion:142 Resp: 1448
Ion Ratio Lower Upper
142 100
141 86.7 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.561 min Scan# 2085
Delta R.T. -0.005 min
Lab File: BM040991.D
Acq: 20 Jul 2023 21:05

Tgt Ion:142 Resp: 1521
Ion Ratio Lower Upper
142 100
141 93.2 73.4 110.2

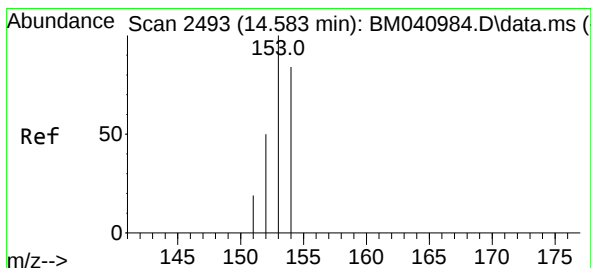
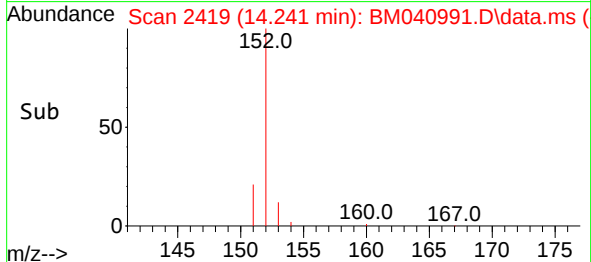
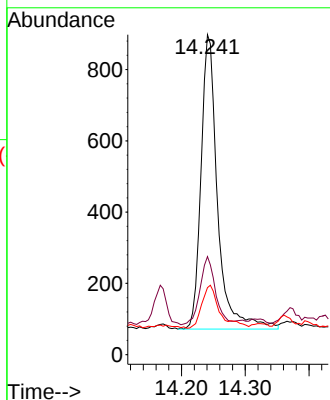
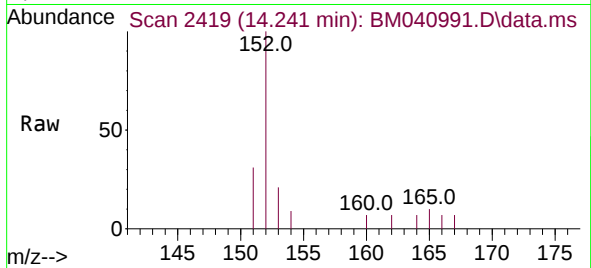




#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.241 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BM040991.D
Acq: 20 Jul 2023 21:05

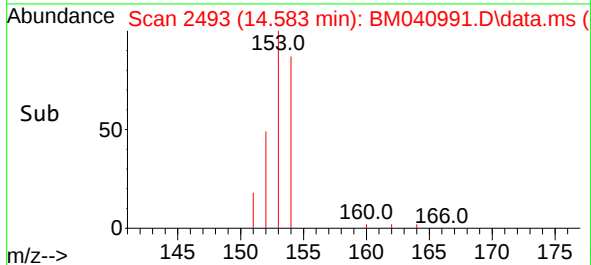
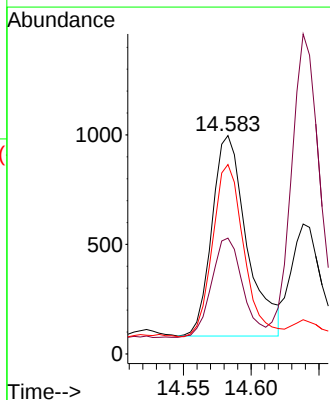
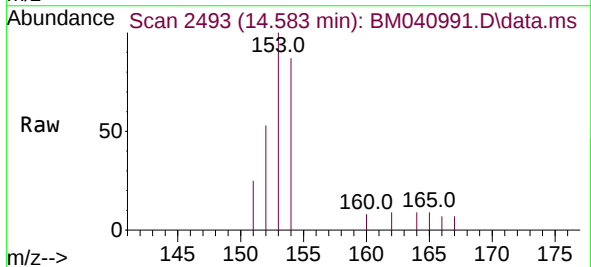
Instrument :
BNA_M
ClientSampleId :

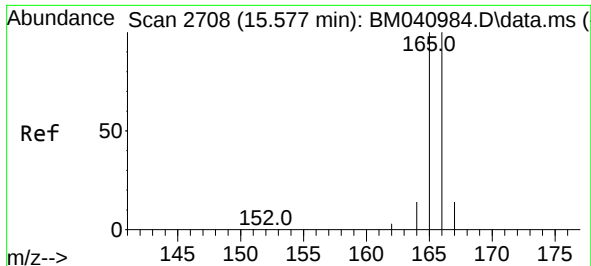
Tgt Ion:152 Resp: 1489
Ion Ratio Lower Upper
152 100
151 30.6 16.8 25.2#
153 20.9 11.6 17.4#



#11
Acenaphthene
Concen: 0.118 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.004 min
Lab File: BM040991.D
Acq: 20 Jul 2023 21:05

Tgt Ion:153 Resp: 1639
Ion Ratio Lower Upper
153 100
152 53.1 41.0 61.6
154 86.8 68.2 102.2

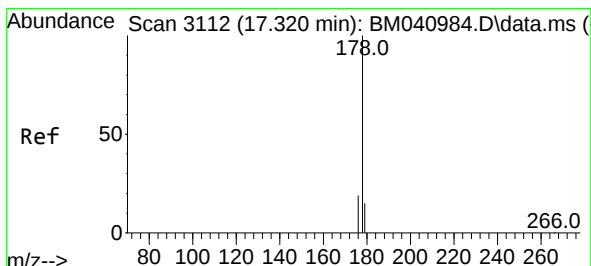
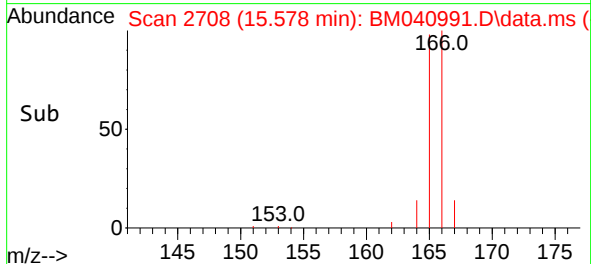
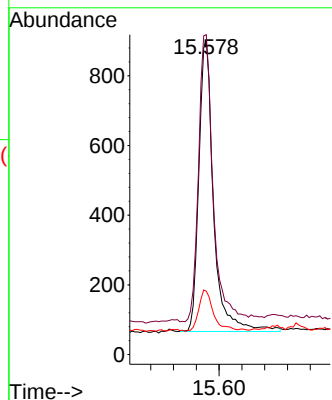
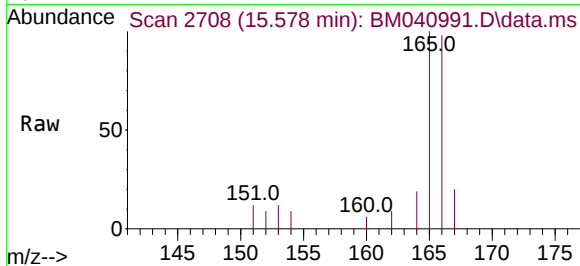




#12
Fluorene
Concen: 0.104 ng/ul
RT: 15.578 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM040991.D
Acq: 20 Jul 2023 21:05

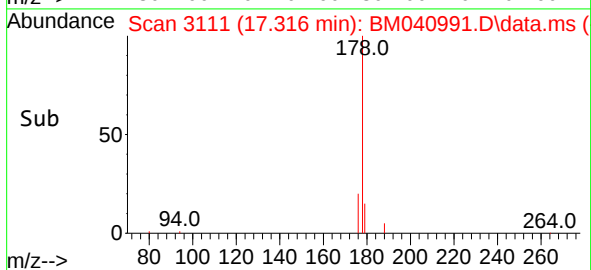
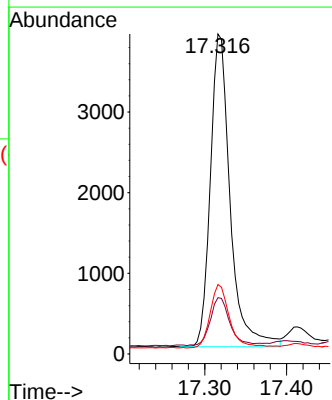
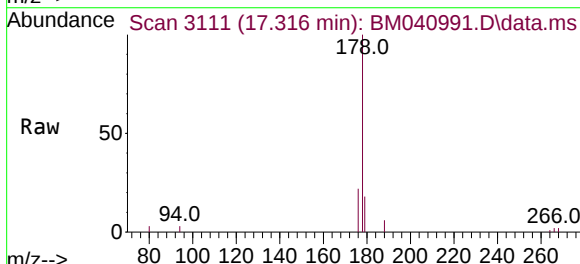
Instrument :
BNA_M
ClientSampleId :

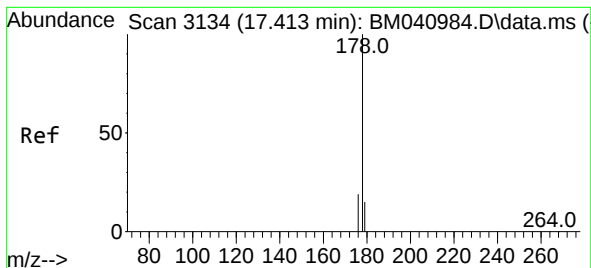
Tgt Ion:166 Resp: 1498
Ion Ratio Lower Upper
166 100
165 101.9 80.3 120.5
167 20.2 11.7 17.5#



#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM040991.D
Acq: 20 Jul 2023 21:05

Tgt Ion:178 Resp: 6497
Ion Ratio Lower Upper
178 100
179 17.6 13.0 19.6
176 21.7 16.2 24.4





#16

Anthracene

Concen: 0.038 ng/ul

RT: 17.413 min Scan# 3134

Delta R.T. -0.008 min

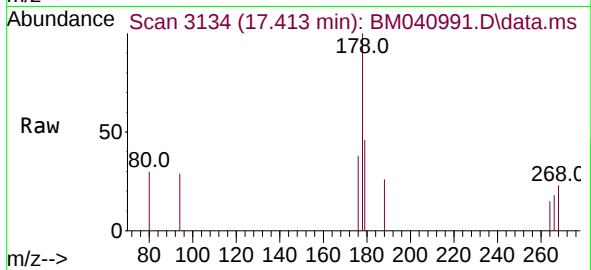
Lab File: BM040991.D

Acq: 20 Jul 2023 21:05

Instrument :

BNA_M

ClientSampleId :



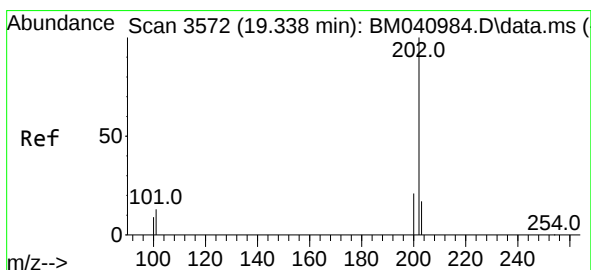
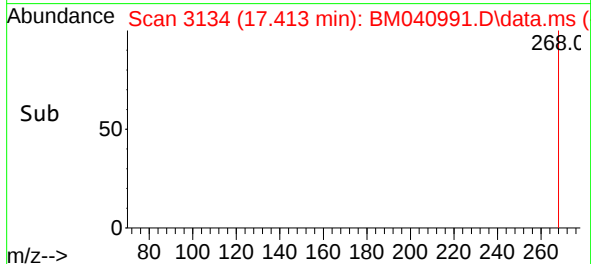
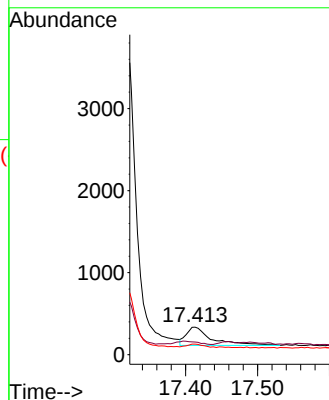
Tgt Ion:178 Resp: 558

Ion Ratio Lower Upper

178 100

179 46.1 13.7 20.5#

176 38.4 16.4 24.6#



#19

Fluoranthene

Concen: 0.502 ng/ul

RT: 19.334 min Scan# 3571

Delta R.T. -0.009 min

Lab File: BM040991.D

Acq: 20 Jul 2023 21:05

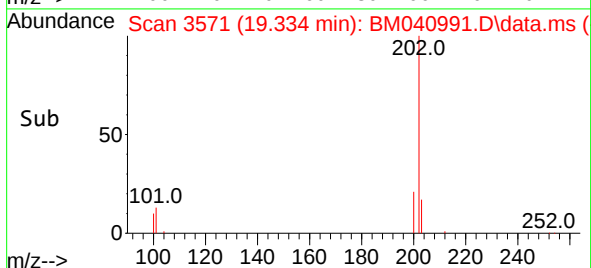
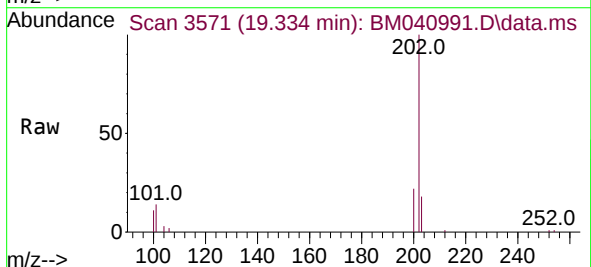
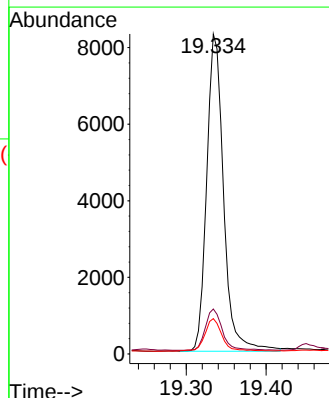
Tgt Ion:202 Resp: 12148

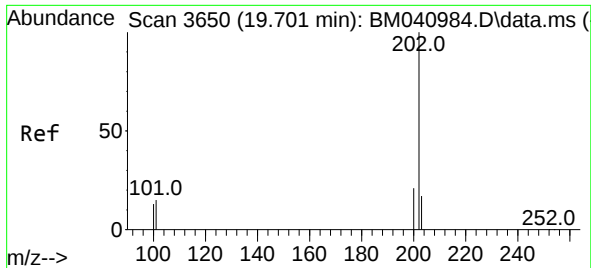
Ion Ratio Lower Upper

202 100

101 14.0 11.0 16.4

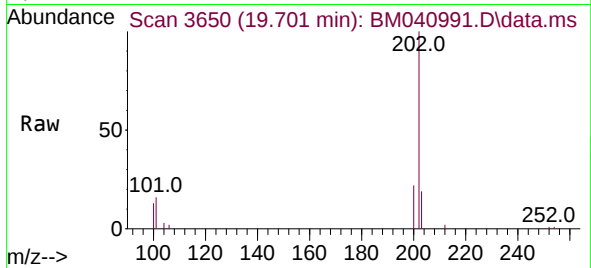
100 11.0 8.3 12.5



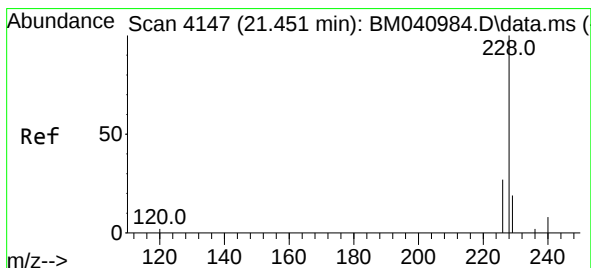
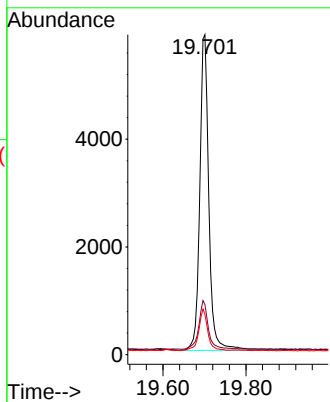
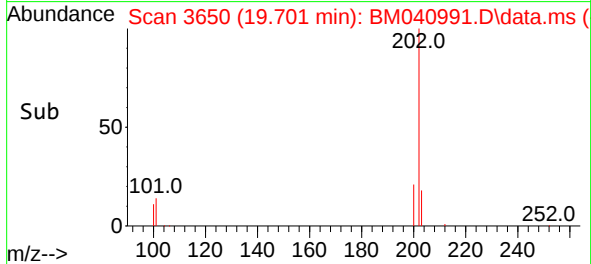


#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.701 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040991.D
Acq: 20 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :

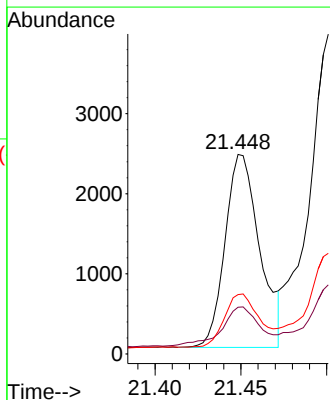
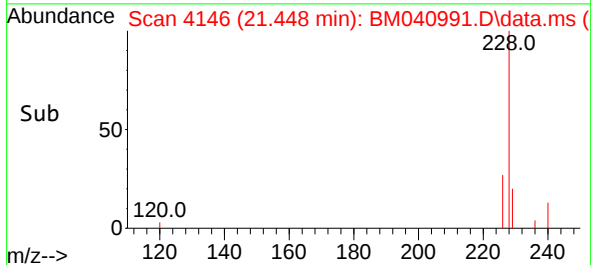
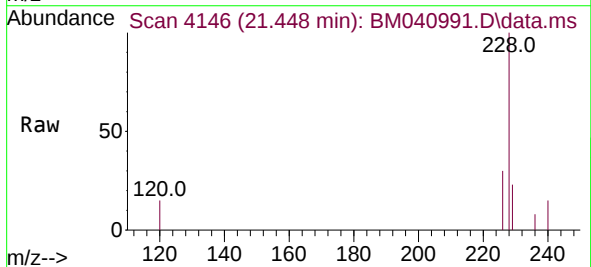


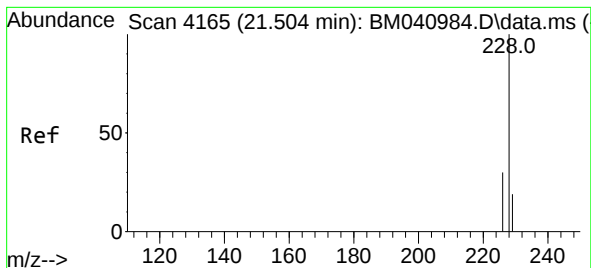
Tgt Ion:202 Resp: 8938
Ion Ratio Lower Upper
202 100
101 15.6 12.5 18.7
100 12.6 10.0 15.0



#21
Benzo(a)anthracene
Concen: 0.238 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. -0.009 min
Lab File: BM040991.D
Acq: 20 Jul 2023 21:05

Tgt Ion:228 Resp: 3392
Ion Ratio Lower Upper
228 100
229 23.4 16.2 24.4
226 29.8 22.3 33.5





#22

Chrysene

Concen: 0.368 ng/ul

RT: 21.501 min Scan# 4165

Delta R.T. -0.006 min

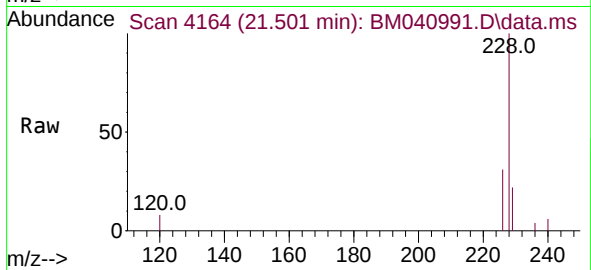
Lab File: BM040991.D

Acq: 20 Jul 2023 21:05

Instrument :

BNA_M

ClientSampleId :



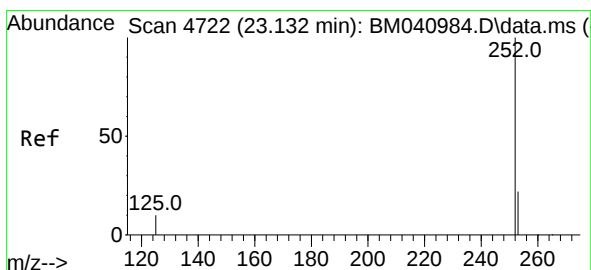
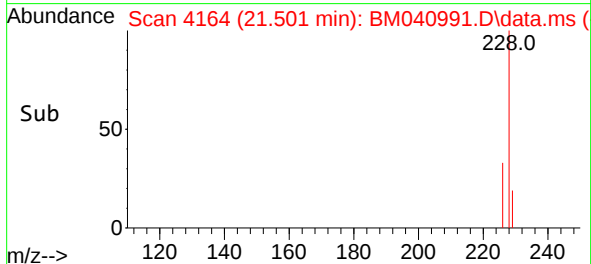
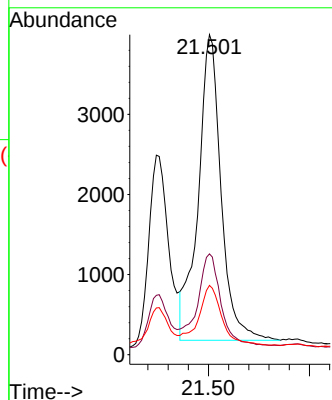
Tgt Ion:228 Resp: 6008

Ion Ratio Lower Upper

228 100

226 31.5 24.6 37.0

229 21.6 16.1 24.1



#24

Benzo(b)fluoranthene

Concen: 0.464 ng/ul

RT: 23.129 min Scan# 4721

Delta R.T. -0.006 min

Lab File: BM040991.D

Acq: 20 Jul 2023 21:05

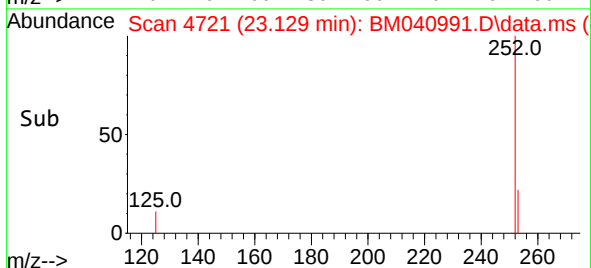
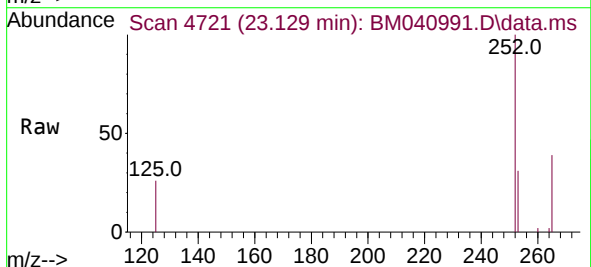
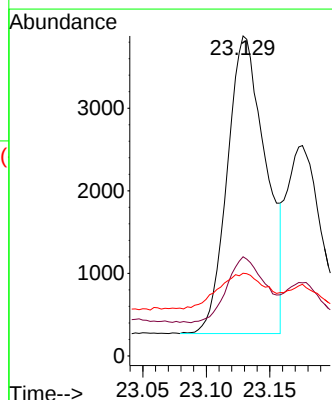
Tgt Ion:252 Resp: 7580

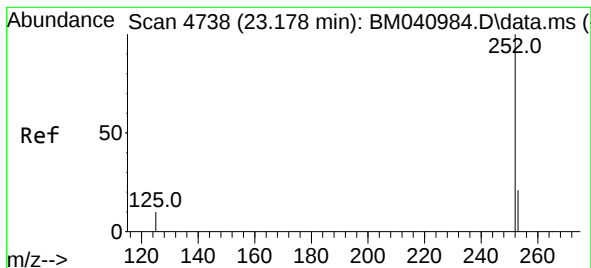
Ion Ratio Lower Upper

252 100

253 31.0 0.0 57.4

125 25.8 0.0 45.2





#25

Benzo(k)fluoranthene

Concen: 0.255 ng/ul

RT: 23.176 min Scan# 4738

Delta R.T. -0.011 min

Lab File: BM040991.D

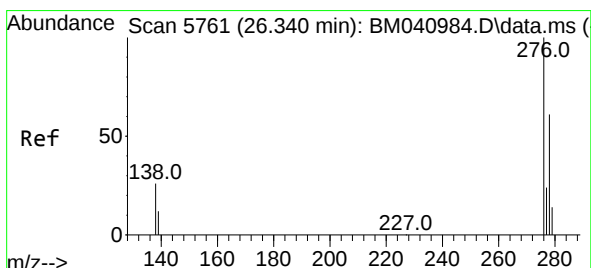
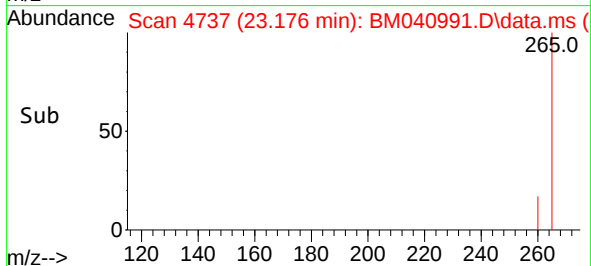
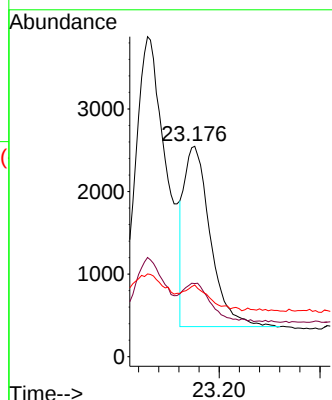
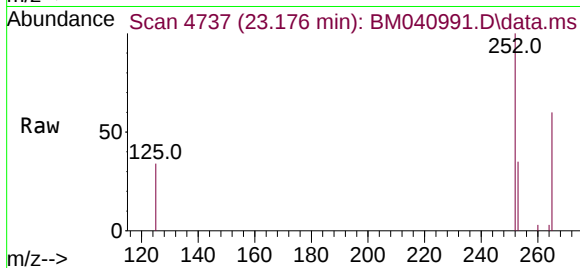
Acq: 20 Jul 2023 21:05

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	3960
Ion Ratio	Lower	Upper
252	100	
253	34.7	23.3 34.9
125	34.1	18.2 27.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.242 ng/ul

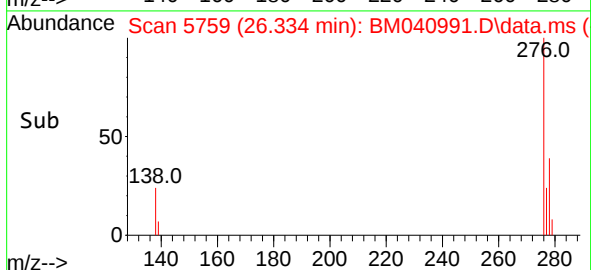
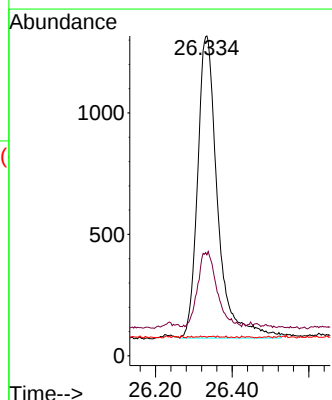
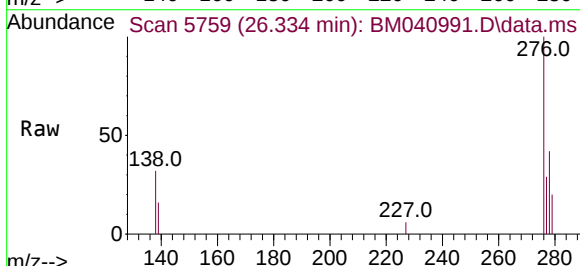
RT: 26.334 min Scan# 5759

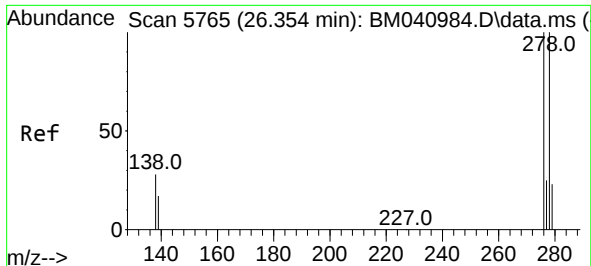
Delta R.T. -0.017 min

Lab File: BM040991.D

Acq: 20 Jul 2023 21:05

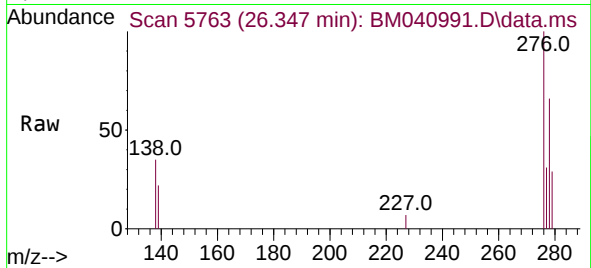
Tgt Ion:276	Resp:	4531
Ion Ratio	Lower	Upper
276	100	
138	23.7	22.3 33.5
227	0.1	0.0 0.0#



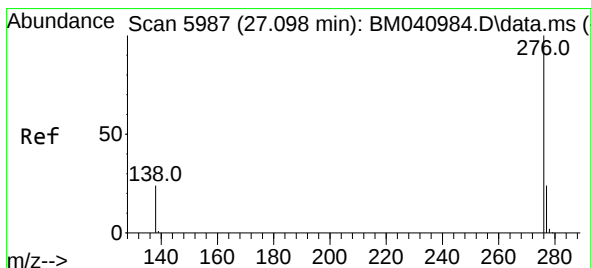
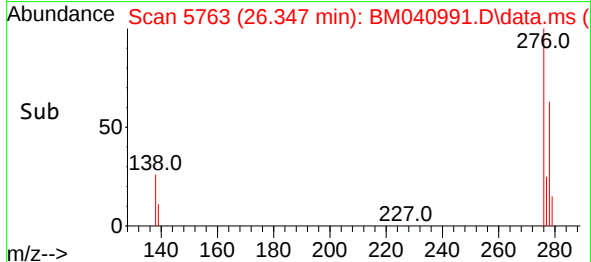
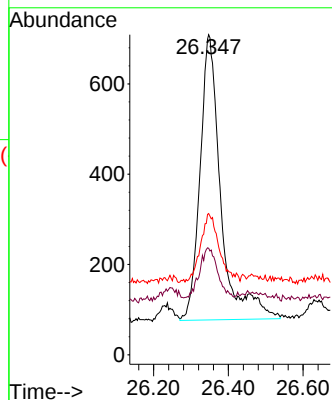


#28
 Dibenzo(a,h)anthracene
 Concen: 0.173 ng/ul
 RT: 26.347 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM040991.D
 Acq: 20 Jul 2023 21:05

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 2442
 Ion Ratio Lower Upper
 278 100
 139 33.3 19.2 28.8#
 279 44.1 27.0 40.6#



#29
 Benzo(g,h,i)perylene
 Concen: 0.021 ng/ul
 RT: 27.095 min Scan# 5986
 Delta R.T. -0.007 min
 Lab File: BM040991.D
 Acq: 20 Jul 2023 21:05

Tgt Ion:276 Resp: 358
 Ion Ratio Lower Upper
 276 100
 138 75.7 22.6 34.0#
 277 59.0 21.2 31.8#

