

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040923.D
 Acq On : 17 Jul 2023 15:18
 Operator : MA/JU
 Sample : PB153976BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS976

Quant Time: Jul 18 08:02:55 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

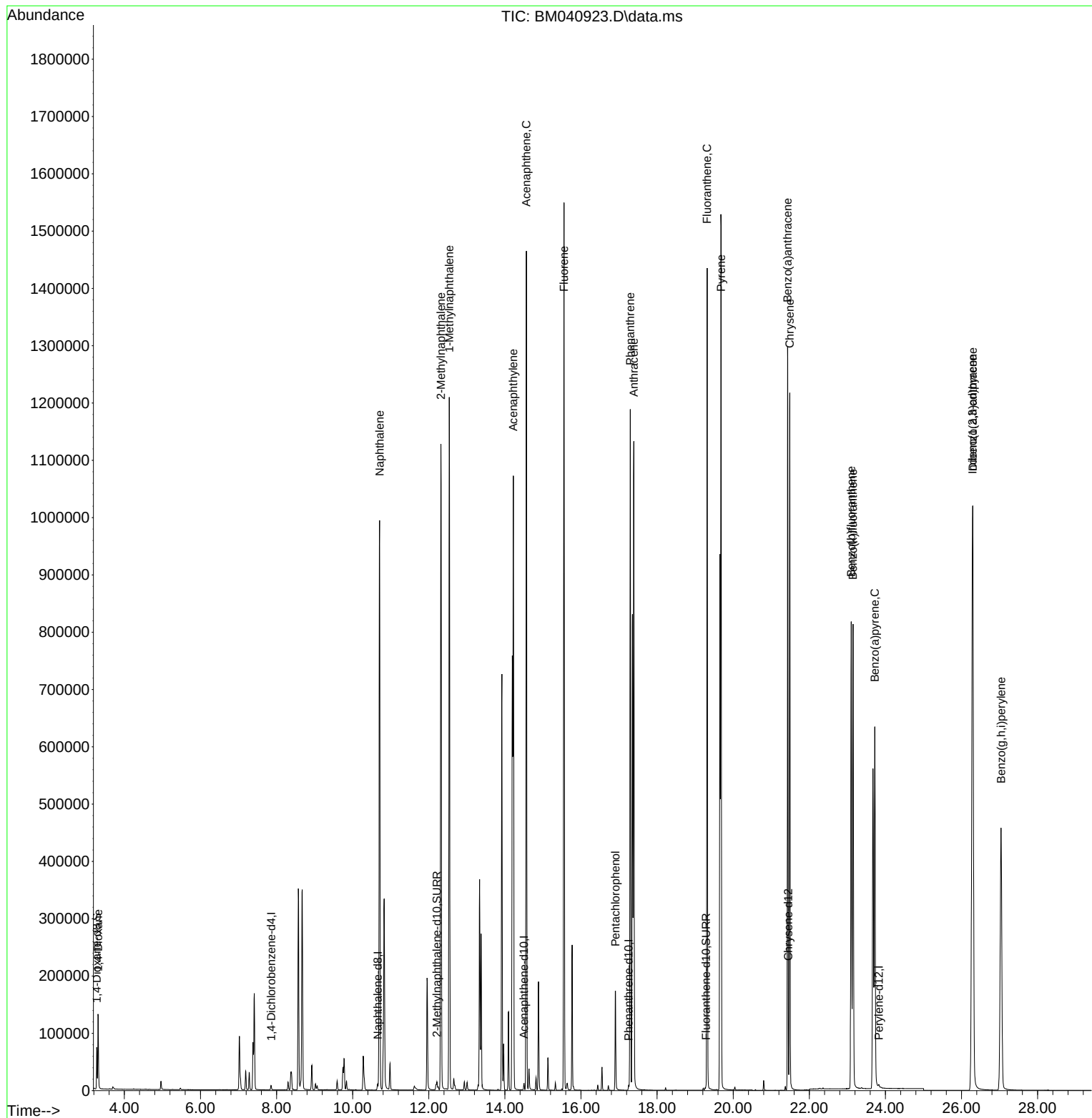
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	3937	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	13717	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.504	164	6105	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	10013	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7501	0.400	ng/ul	# 0.00
23) Perylene-d12	23.827	264	6866	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	38302	6.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.214	152	25691	1.336	ng/ul	-0.04
18) Fluoranthene-d10	19.287	212	7015	0.292	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.313	88	78023	12.395	ng/ul#	85
5) Naphthalene	10.708	128	1266787	33.483	ng/ul	99
7) 2-Methylnaphthalene	12.319	142	745397	33.546	ng/ul	99
8) 1-Methylnaphthalene	12.539	142	737465	33.209	ng/ul	99
10) Acenaphthylene	14.222	152	1102665	40.432	ng/ul	99
11) Acenaphthene	14.564	153	755128	32.787	ng/ul	98
12) Fluorene	15.554	166	881920	35.870	ng/ul	97
14) Pentachlorophenol	16.906	266	104306	54.101	ng/ul	93
15) Phenanthrene	17.295	178	1102954	35.462	ng/ul	98
16) Anthracene	17.388	178	1088677	41.653	ng/ul	99
19) Fluoranthene	19.315	202	1052526	33.033	ng/ul	96
20) Pyrene	19.682	202	1160947	33.986	ng/ul	95
21) Benzo(a)anthracene	21.431	228	983792	38.774	ng/ul	99
22) Chrysene	21.486	228	936487	32.357	ng/ul	98
24) Benzo(b)fluoranthene	23.102	252	984937	37.068	ng/ul	86
25) Benzo(k)fluoranthene	23.149	252	952291	36.366	ng/ul#	86
26) Benzo(a)pyrene	23.722	252	854319	35.693	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.287	276	1192795	35.783	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.297	278	978445	37.489	ng/ul#	91
29) Benzo(g,h,i)perylene	27.038	276	933076	31.937	ng/ul	93

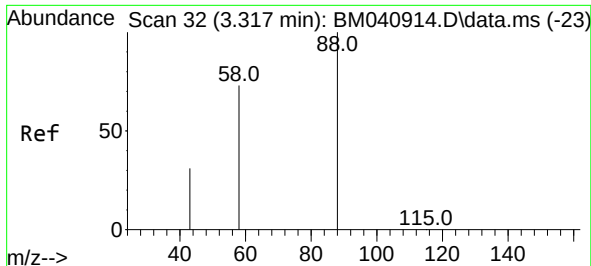
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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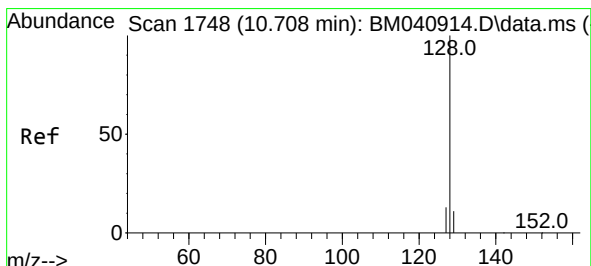
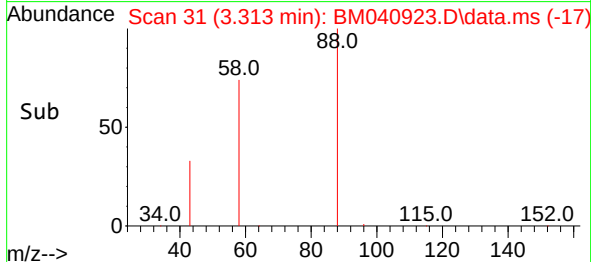
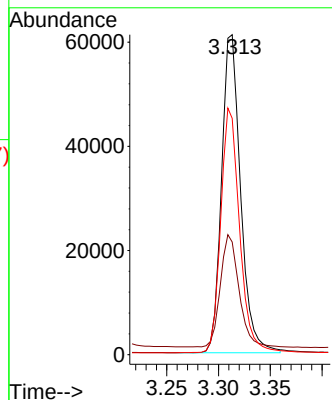
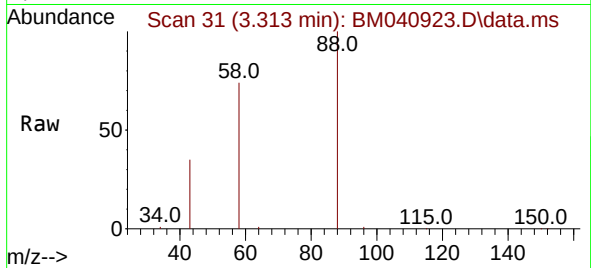




#2
1,4-Dioxane
Concen: 12.395 ng/ul
RT: 3.313 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

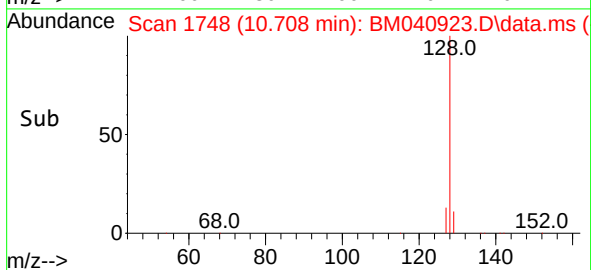
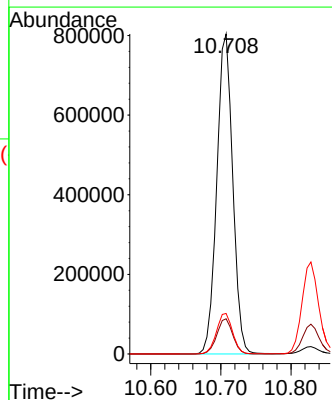
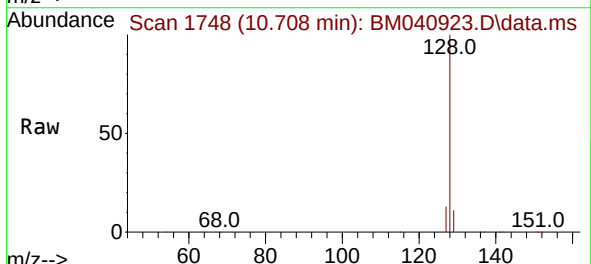
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BNA_M
ClientSampleId :
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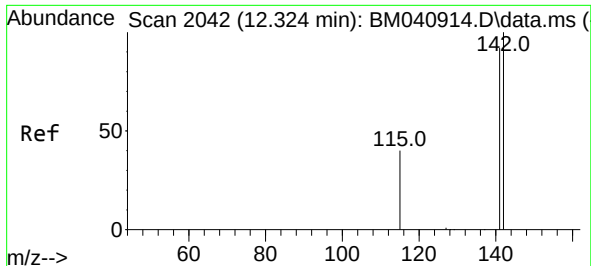
Tgt Ion: 88 Resp: 78023
Ion Ratio Lower Upper
88 100
43 35.2 36.1 54.1#
58 73.8 49.8 74.8



#5
Naphthalene
Concen: 33.483 ng/ul
RT: 10.708 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

Tgt Ion:128 Resp: 1266787
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.7 10.6 15.8

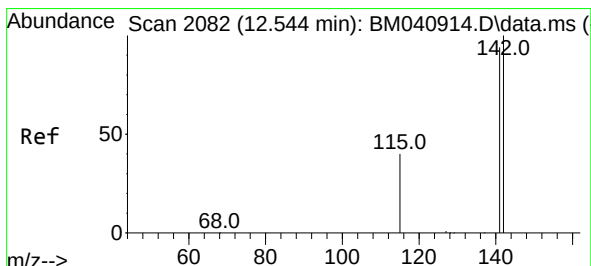
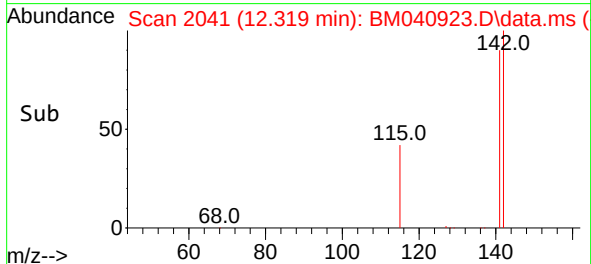
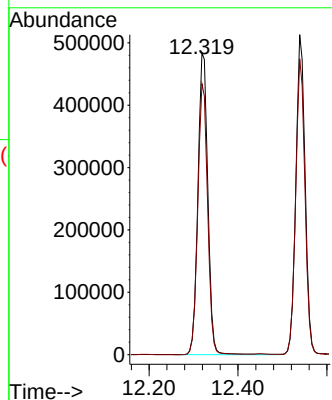
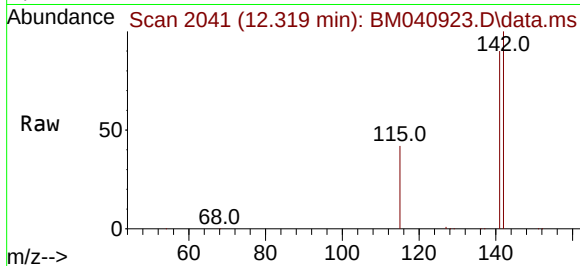




#7
2-Methylnaphthalene
Concen: 33.546 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

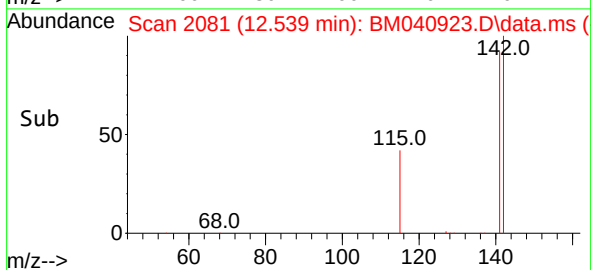
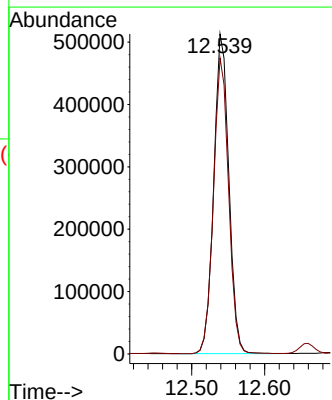
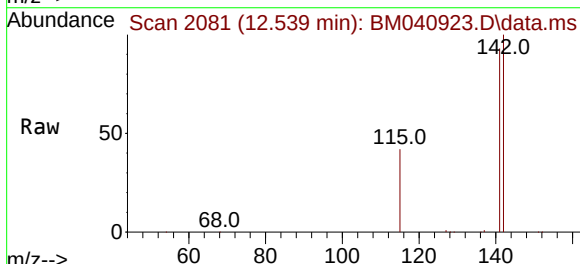
Instrument :
BNA_M
ClientSampleId :
SLCS976

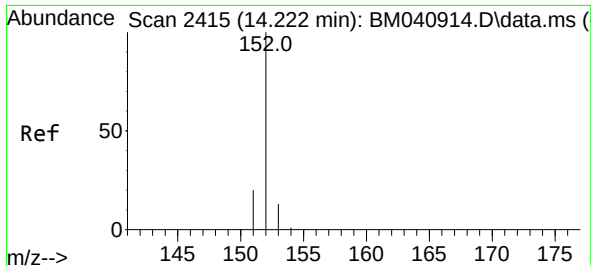
Tgt Ion:142 Resp: 745397
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 33.209 ng/ul
RT: 12.539 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

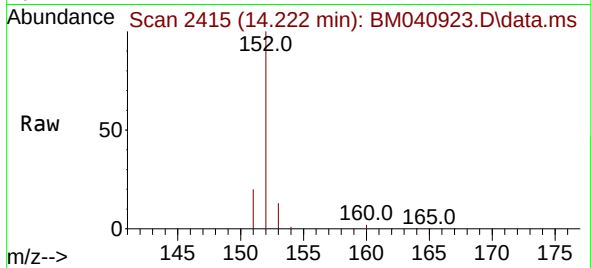
Tgt Ion:142 Resp: 737465
Ion Ratio Lower Upper
142 100
141 92.7 73.7 110.5



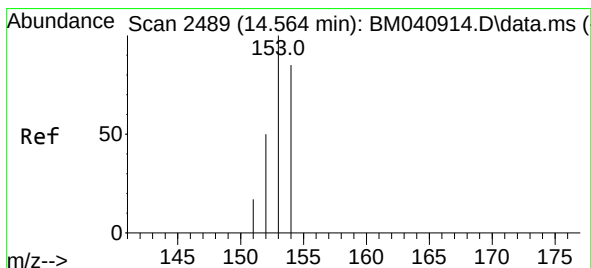
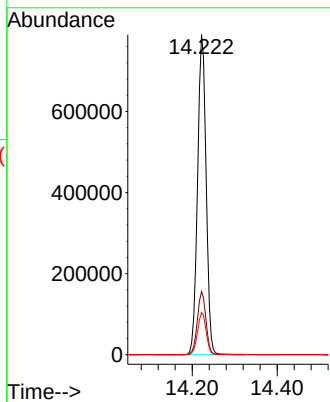
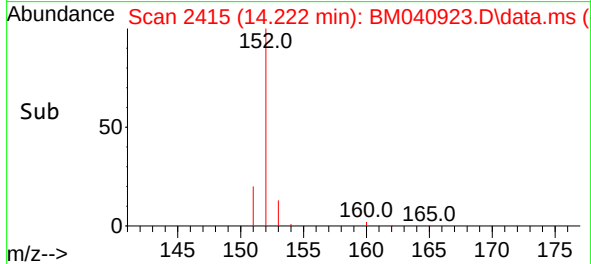


#10
Acenaphthylene
Concen: 40.432 ng/ul
RT: 14.222 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

Instrument :
BNA_M
ClientSampleId :
SLCS976

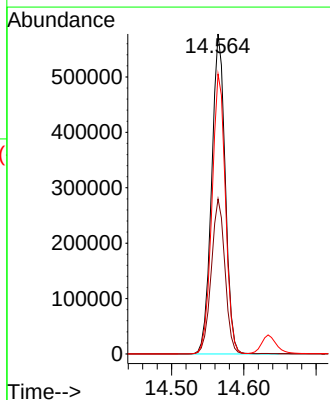
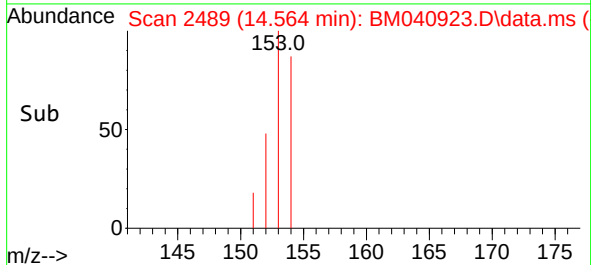
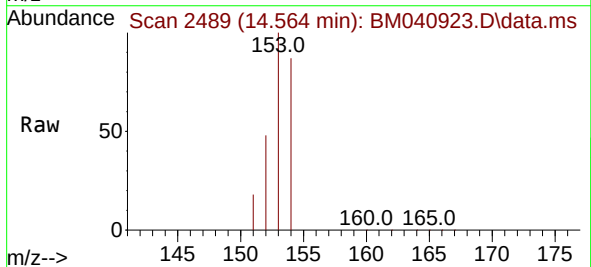


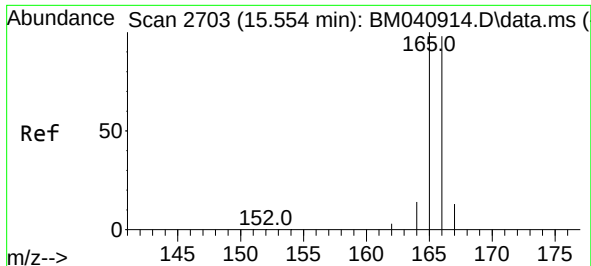
Tgt Ion:152 Resp: 1102665
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 10.9 16.3



#11
Acenaphthene
Concen: 32.787 ng/ul
RT: 14.564 min Scan# 2489
Delta R.T. -0.005 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

Tgt Ion:153 Resp: 755128
Ion Ratio Lower Upper
153 100
152 48.5 41.0 61.4
154 87.5 70.8 106.2

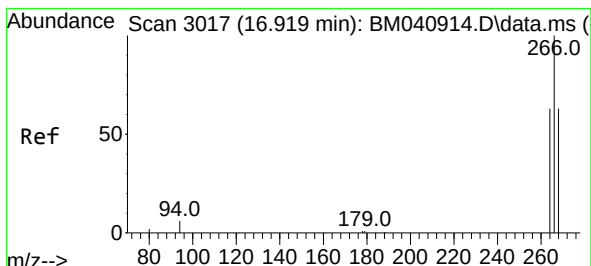
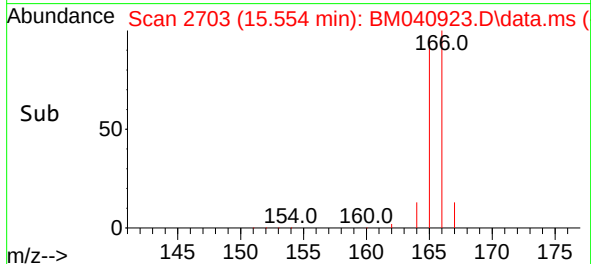
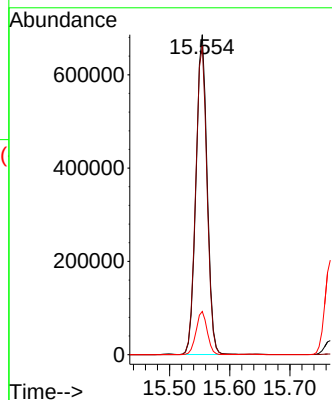
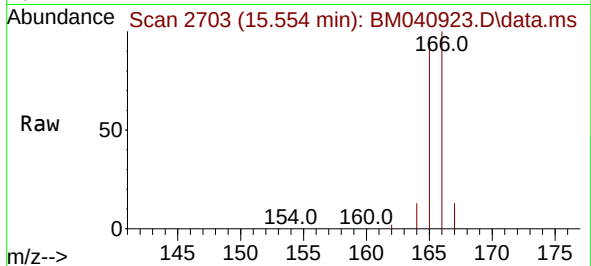




#12
Fluorene
Concen: 35.870 ng/ul
RT: 15.554 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

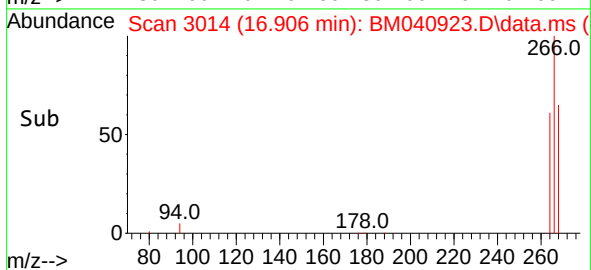
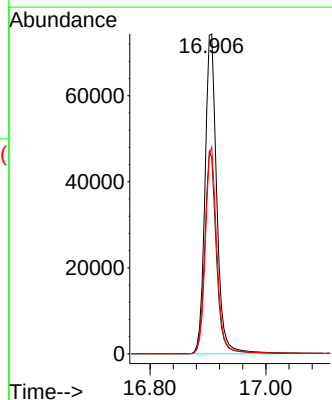
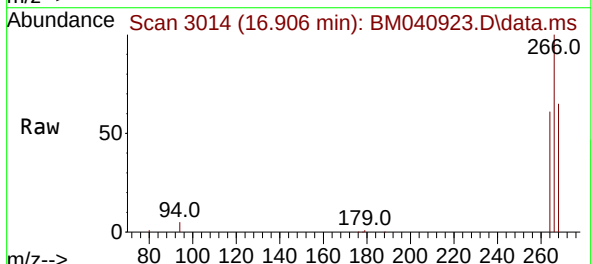
Instrument :
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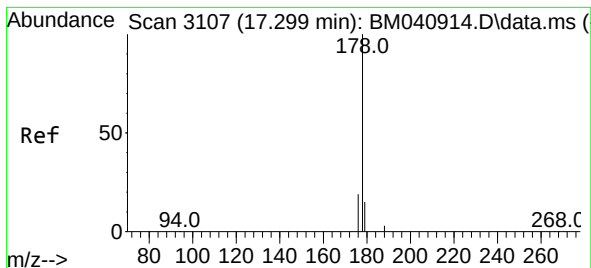
Tgt Ion:166 Resp: 881920
Ion Ratio Lower Upper
166 100
165 96.5 79.6 119.4
167 13.5 11.4 17.0



#14
Pentachlorophenol
Concen: 54.101 ng/ul
RT: 16.906 min Scan# 3014
Delta R.T. -0.013 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

Tgt Ion:266 Resp: 104306
Ion Ratio Lower Upper
266 100
264 62.7 45.4 68.0
268 63.8 47.2 70.8





#15

Phenanthrene

Concen: 35.462 ng/u1

RT: 17.295 min Scan# 3107

Delta R.T. -0.008 min

Lab File: BM040923.D

Acq: 17 Jul 2023 15:18

Instrument :

BNA_M

ClientSampleId :

SLCS976

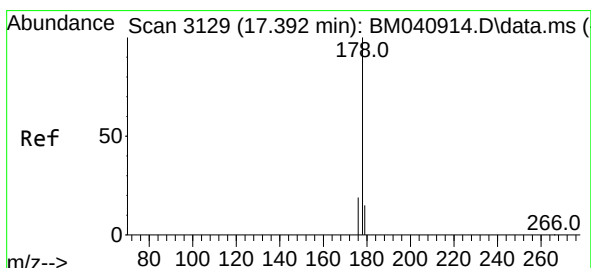
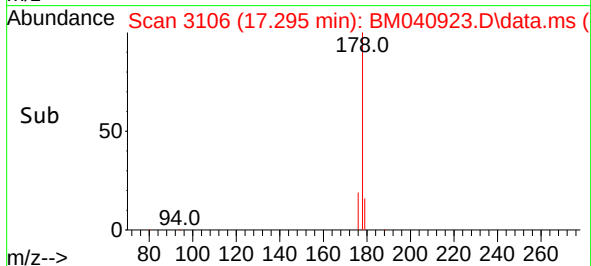
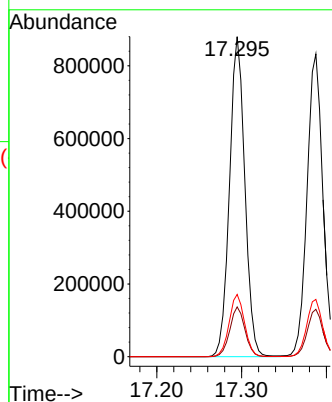
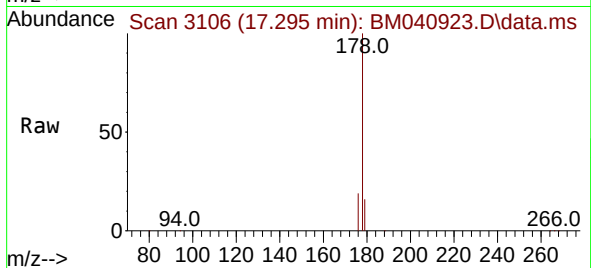
Tgt Ion:178 Resp: 1102954

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

176 19.4 16.4 24.6



#16

Anthracene

Concen: 41.653 ng/u1

RT: 17.388 min Scan# 3128

Delta R.T. -0.008 min

Lab File: BM040923.D

Acq: 17 Jul 2023 15:18

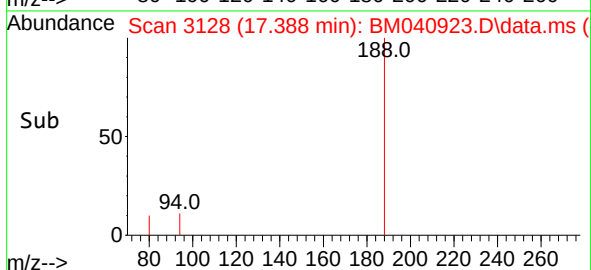
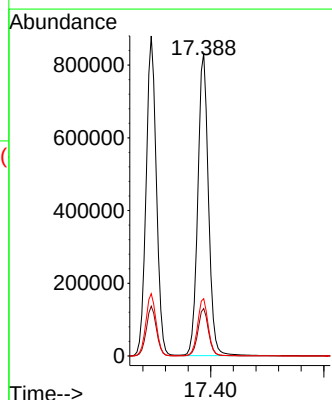
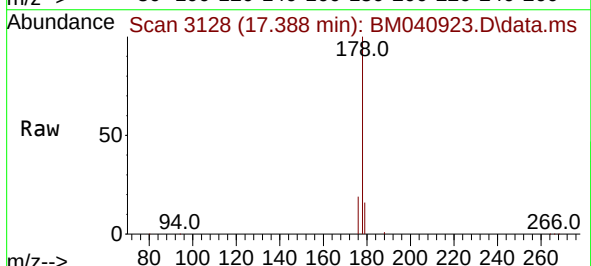
Tgt Ion:178 Resp: 1088677

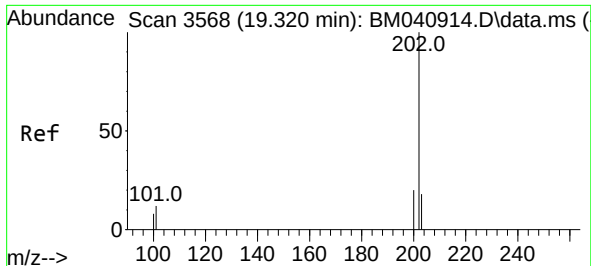
Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

176 18.9 15.8 23.6

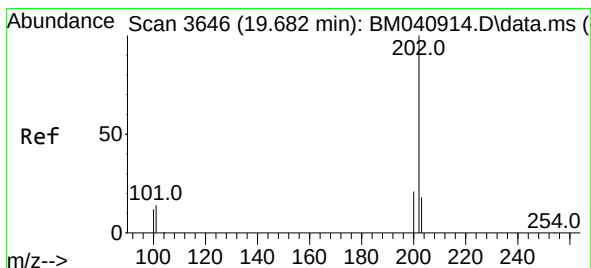
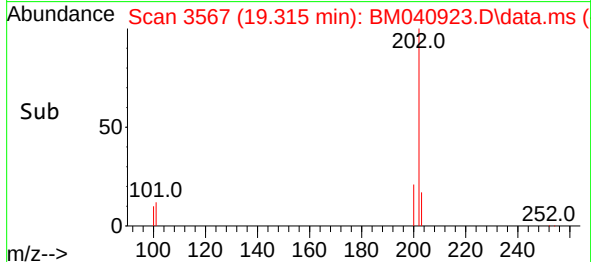
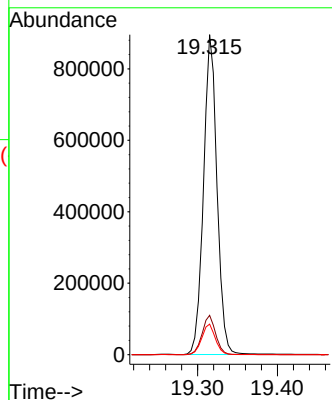
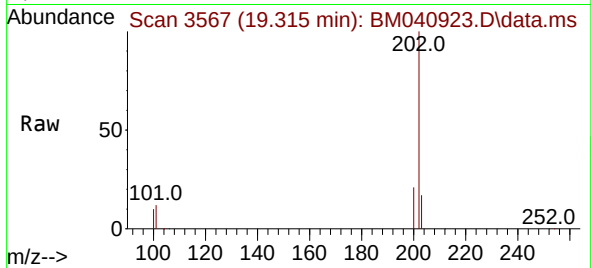




#19
Fluoranthene
Concen: 33.033 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

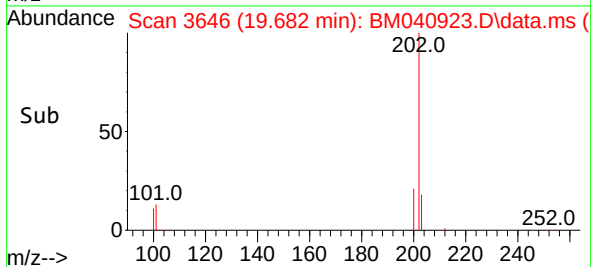
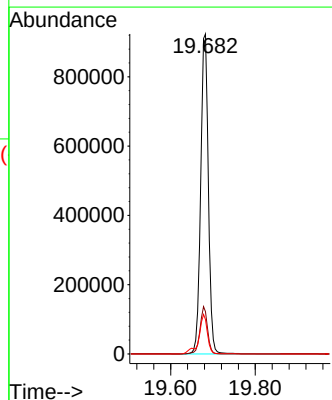
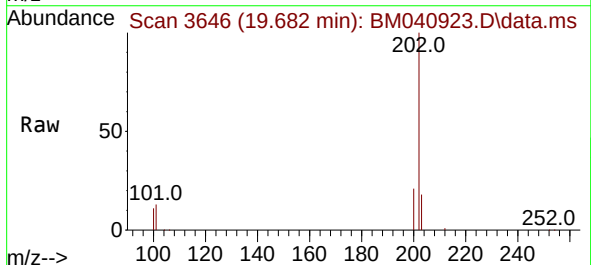
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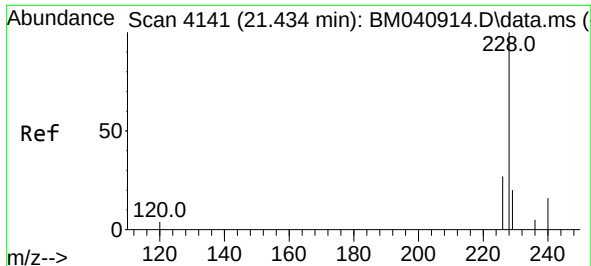
Tgt Ion:202 Resp: 1052526
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 9.5 8.7 13.1



#20
Pyrene
Concen: 33.986 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

Tgt Ion:202 Resp: 1160947
Ion Ratio Lower Upper
202 100
101 13.2 12.6 18.8
100 10.8 9.8 14.6

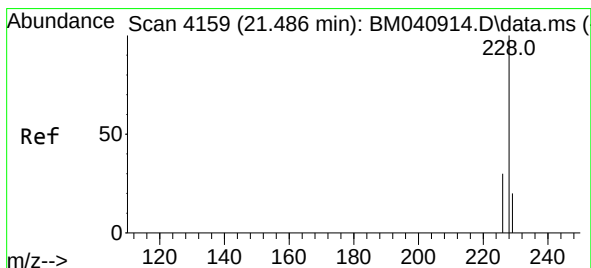
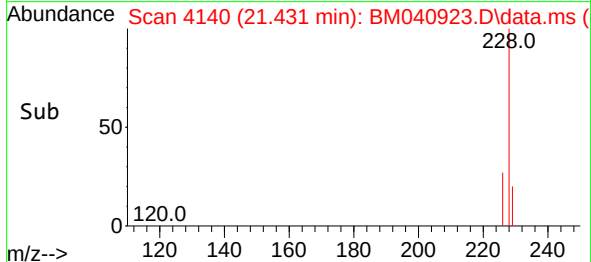
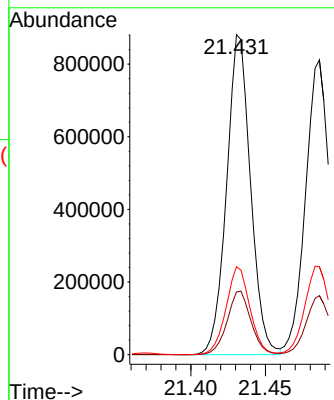
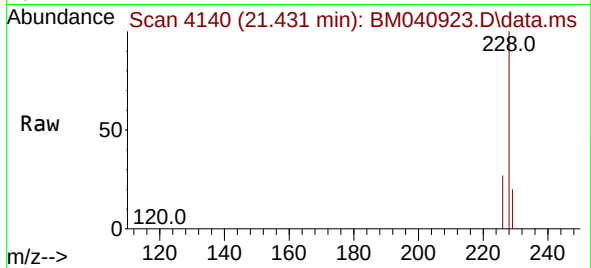




#21
Benzo(a)anthracene
Concen: 38.774 ng/ul
RT: 21.431 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

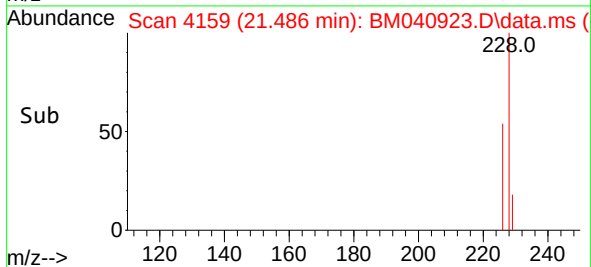
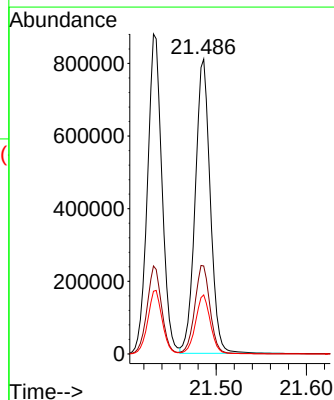
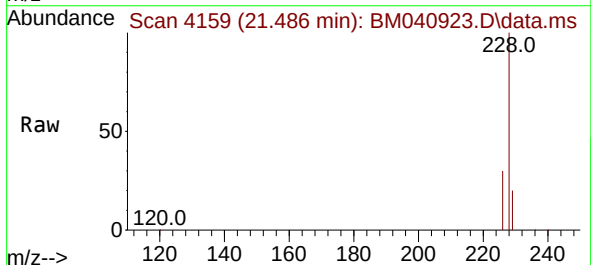
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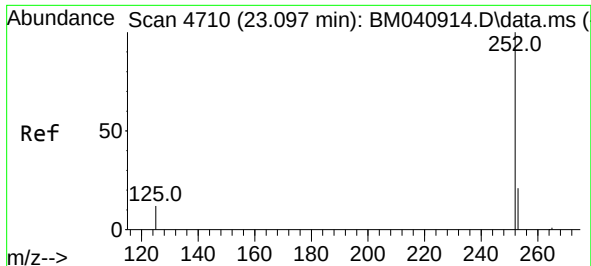
Tgt Ion:228 Resp: 983792
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 27.5 22.3 33.5



#22
Chrysene
Concen: 32.357 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.000 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

Tgt Ion:228 Resp: 936487
Ion Ratio Lower Upper
228 100
226 29.8 24.9 37.3
229 20.0 15.8 23.6

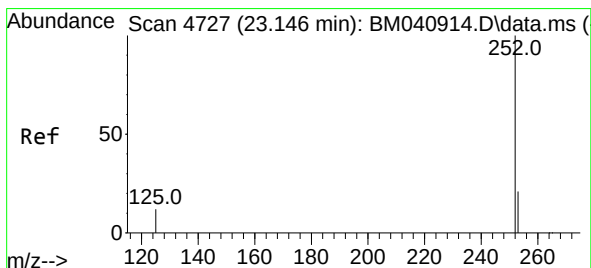
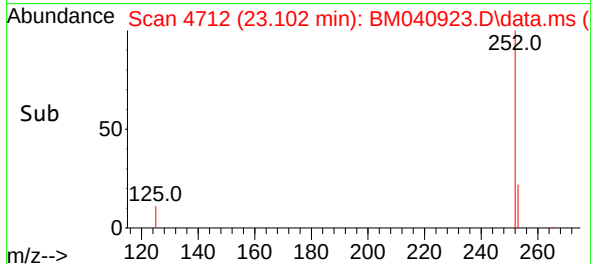
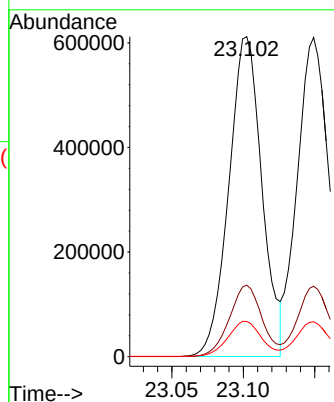
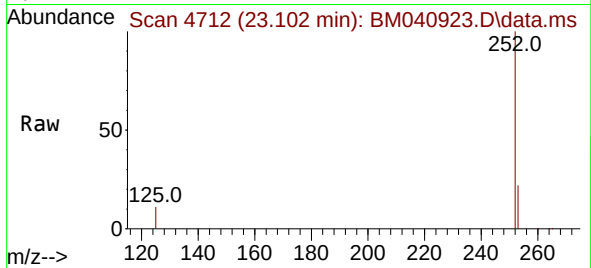




#24
Benzo(b)fluoranthene
Concen: 37.068 ng/ul
RT: 23.102 min Scan# 4712
Delta R.T. -0.000 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

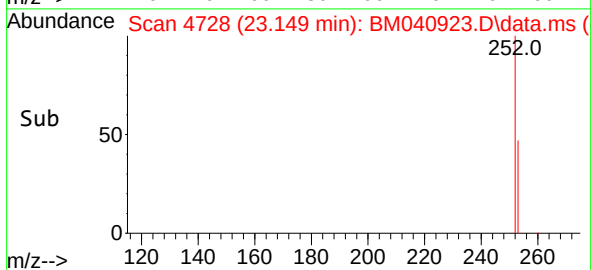
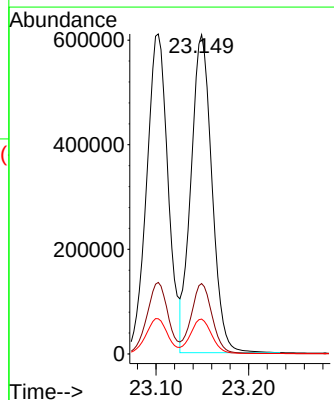
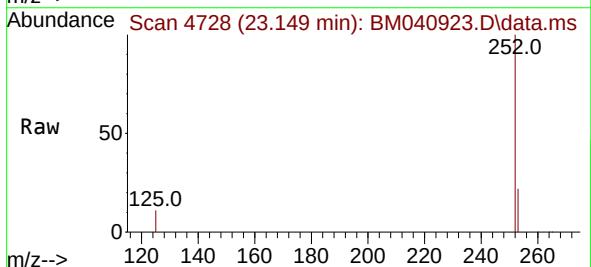
Instrument :
BNA_M
ClientSampleId :
SLCS976

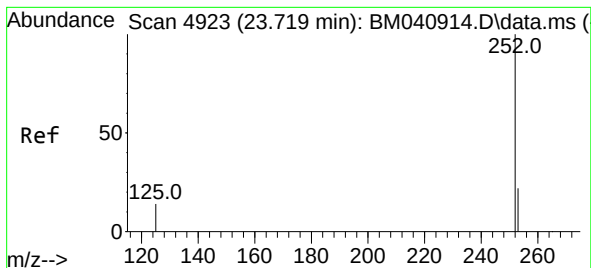
Tgt Ion:252 Resp: 984937
Ion Ratio Lower Upper
252 100
253 22.4 0.0 52.8
125 11.0 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 36.366 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. -0.000 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

Tgt Ion:252 Resp: 952291
Ion Ratio Lower Upper
252 100
253 22.1 21.2 31.8
125 10.9 16.4 24.6#





#26

Benzo(a)pyrene

Concen: 35.693 ng/ul

RT: 23.722 min Scan# 4923

Delta R.T. -0.000 min

Lab File: BM040923.D

Acq: 17 Jul 2023 15:18

Instrument :

BNA_M

ClientSampleId :

SLCS976

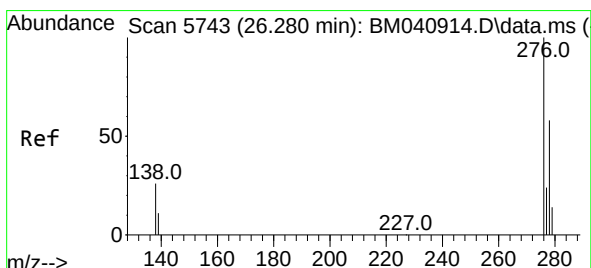
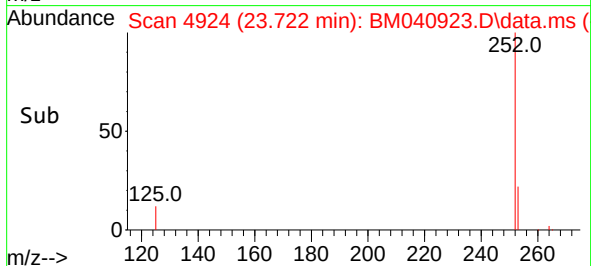
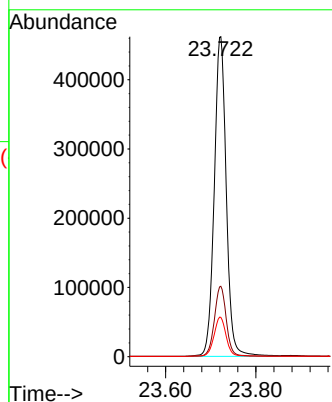
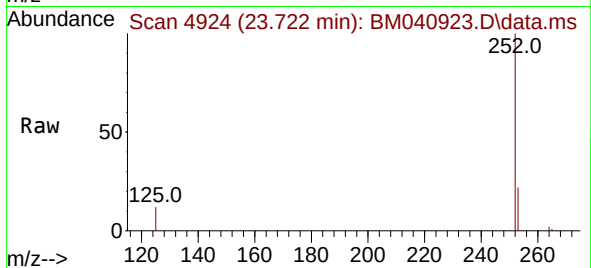
Tgt Ion:252 Resp: 854319

Ion Ratio Lower Upper

252 100

253 22.0 22.9 34.3#

125 12.3 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 35.783 ng/ul

RT: 26.287 min Scan# 5745

Delta R.T. -0.003 min

Lab File: BM040923.D

Acq: 17 Jul 2023 15:18

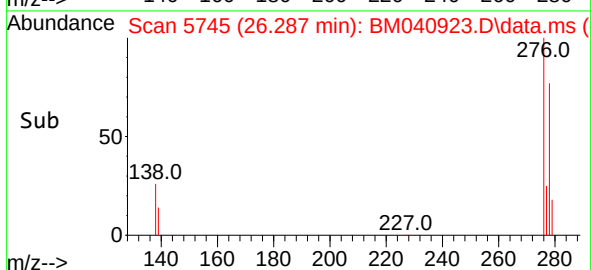
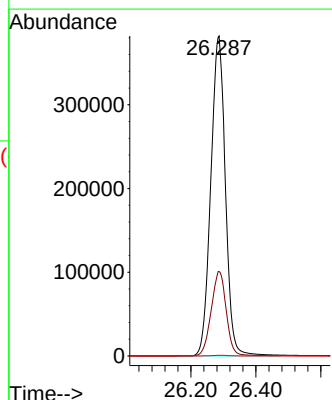
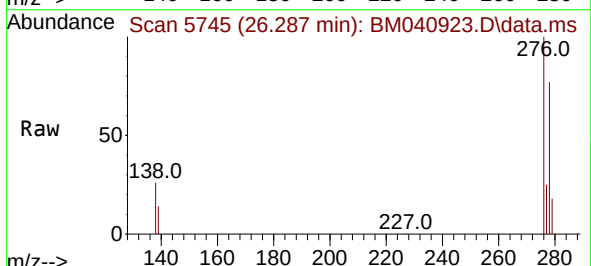
Tgt Ion:276 Resp: 1192795

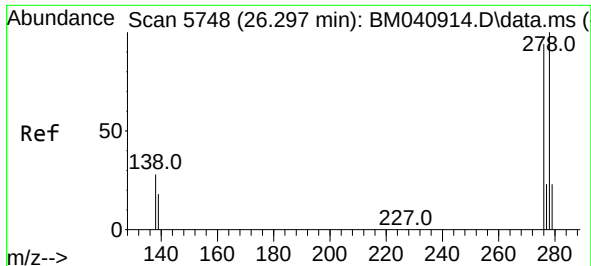
Ion Ratio Lower Upper

276 100

138 27.2 24.5 36.7

227 0.2 0.1 0.1#

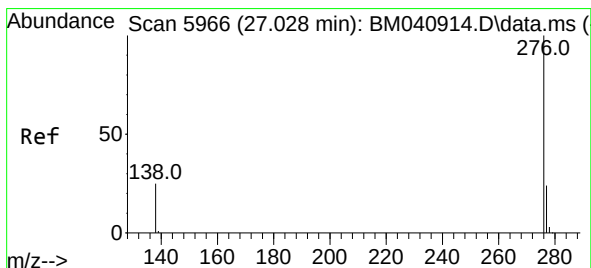
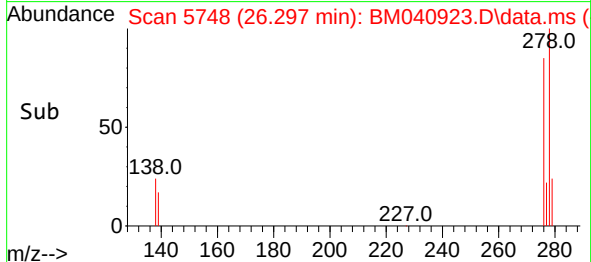
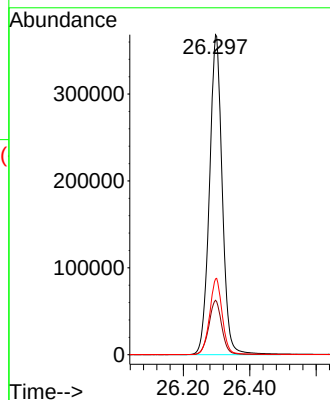
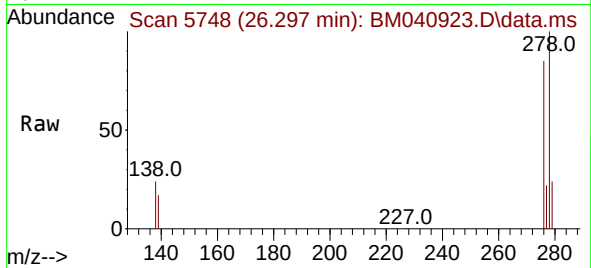




#28
Dibenzo(a,h)anthracene
Concen: 37.489 ng/ul
RT: 26.297 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

Instrument :
BNA_M
ClientSampleId :
SLCS976

Tgt Ion:278 Resp: 978445
Ion Ratio Lower Upper
278 100
139 17.0 17.9 26.9#
279 23.7 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 31.937 ng/ul
RT: 27.038 min Scan# 5969
Delta R.T. -0.007 min
Lab File: BM040923.D
Acq: 17 Jul 2023 15:18

Tgt Ion:276 Resp: 933076
Ion Ratio Lower Upper
276 100
138 23.4 23.0 34.6
277 23.8 20.3 30.5

