

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046262.D
 Acq On : 24 Jun 2024 20:33
 Operator : MA/JU
 Sample : PB161673BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS673

Quant Time: Jun 25 02:27:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

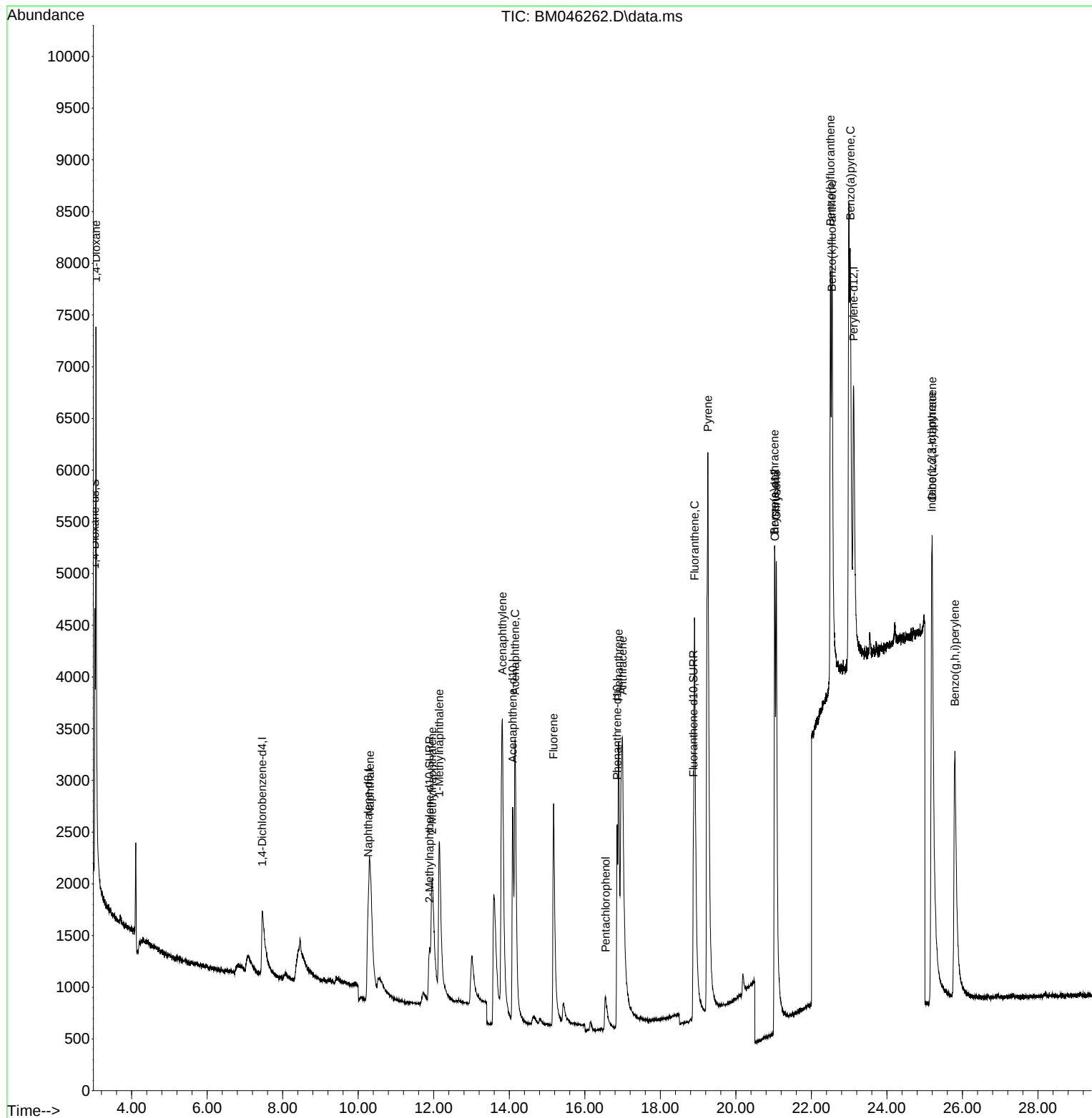
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	1269	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	4275	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.090	164	2687	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.854	188	4346	0.400	ng/ul	0.00
17) Chrysene-d12	21.035	240	3643	0.400	ng/ul	0.00
23) Perylene-d12	23.115	264	5143	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	1530	0.879	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.888	152	2350	0.409	ng/ul	0.02
18) Fluoranthene-d10	18.877	212	4563	0.418	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.054	88	3553	1.819	ng/ul#	78
5) Naphthalene	10.310	128	4441	0.373	ng/ul#	90
7) 2-Methylnaphthalene	11.954	142	2349	0.350	ng/ul	96
8) 1-Methylnaphthalene	12.146	142	2894	0.393	ng/ul	99
10) Acenaphthylene	13.817	152	4555	0.357	ng/ul	94
11) Acenaphthene	14.155	153	3327	0.362	ng/ul	97
12) Fluorene	15.173	166	3343	0.339	ng/ul	99
14) Pentachlorophenol	16.550	266	800	0.614	ng/ul	90
15) Phenanthrene	16.896	178	4688	0.384	ng/ul	96
16) Anthracene	16.998	178	3177	0.349	ng/ul	94
19) Fluoranthene	18.909	202	6328	0.401	ng/ul	96
20) Pyrene	19.262	202	6775	0.397	ng/ul	97
21) Benzo(a)anthracene	21.023	228	4548	0.323	ng/ul	99
22) Chrysene	21.073	228	6835	0.381	ng/ul	98
24) Benzo(b)fluoranthene	22.504	252	6448	0.348	ng/ul	93
25) Benzo(k)fluoranthene	22.545	252	7908	0.359	ng/ul	96
26) Benzo(a)pyrene	23.034	252	6732	0.392	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.185	276	9129	0.325	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.199	278	6982	0.334	ng/ul	92
29) Benzo(g,h,i)perylene	25.799	276	8056	0.334	ng/ul	97

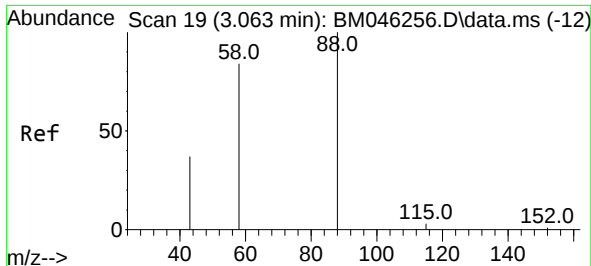
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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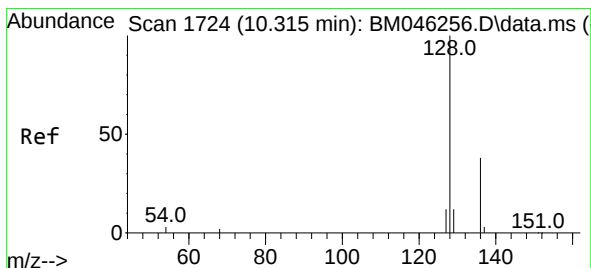
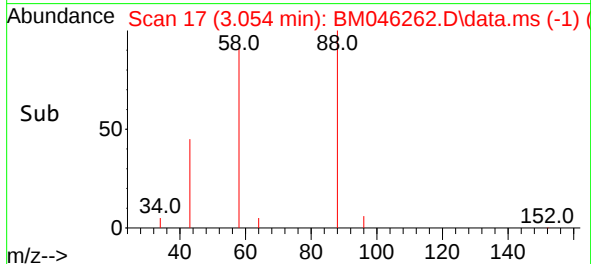
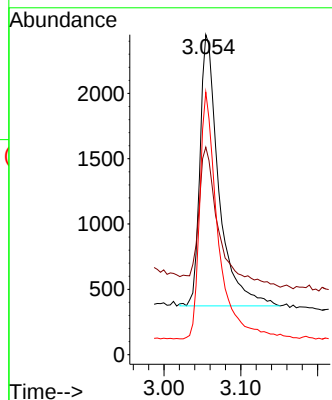
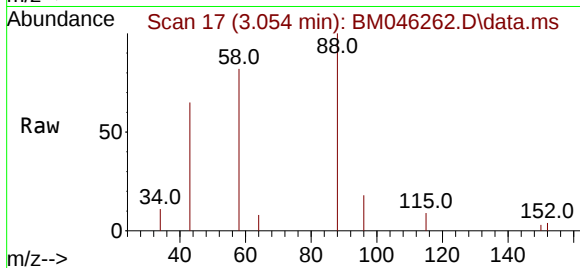




#2
1,4-Dioxane
Concen: 1.819 ng/ul
RT: 3.054 min Scan# 11
Delta R.T. -0.021 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

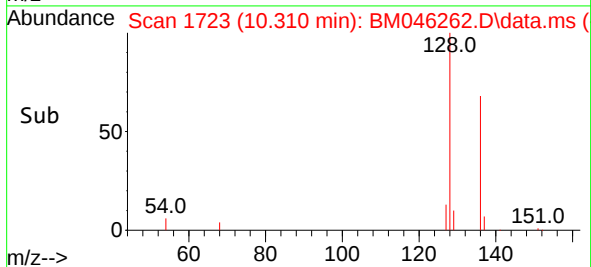
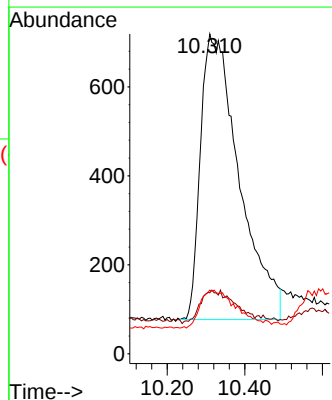
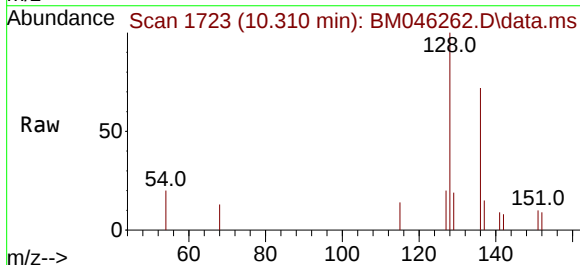
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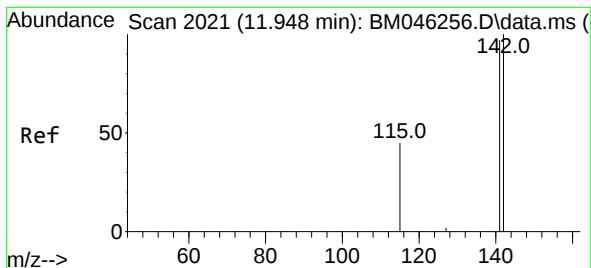
Tgt Ion: 88 Resp: 3553
Ion Ratio Lower Upper
88 100
43 64.9 69.8 104.8#
58 82.0 53.2 79.8#



#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. 0.007 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

Tgt Ion: 128 Resp: 4441
Ion Ratio Lower Upper
128 100
129 19.1 11.8 17.6#
127 19.9 12.8 19.2#





#7

2-Methylnaphthalene

Concen: 0.350 ng/ul

RT: 11.954 min Scan# 20

Delta R.T. 0.007 min

Lab File: BM046262.D

Acq: 24 Jun 2024 20:33

Instrument :

BNA_M

ClientSampleId :

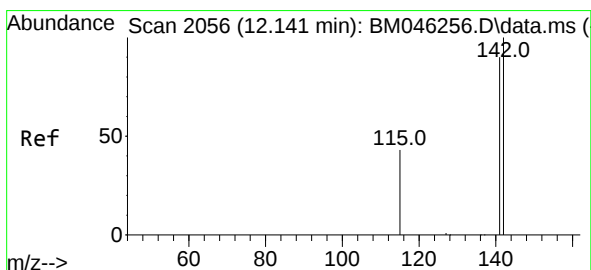
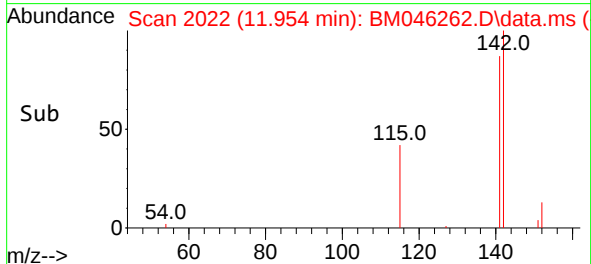
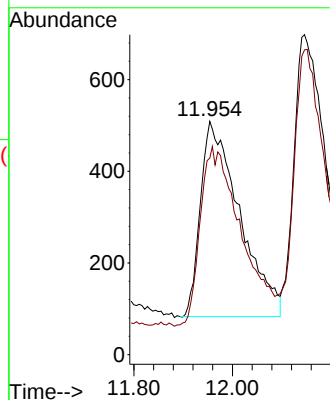
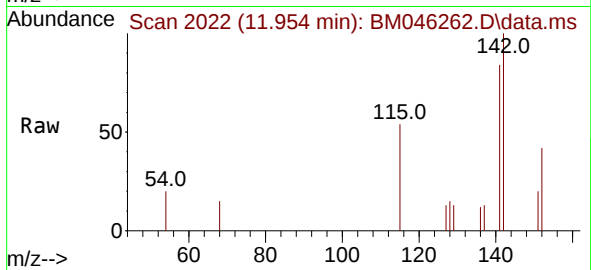
SLCS673

Tgt Ion:142 Resp: 2349

Ion Ratio Lower Upper

142 100

141 97.1 74.6 111.8



#8

1-Methylnaphthalene

Concen: 0.393 ng/ul

RT: 12.146 min Scan# 2057

Delta R.T. -0.004 min

Lab File: BM046262.D

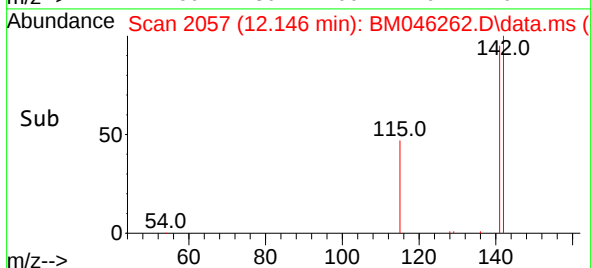
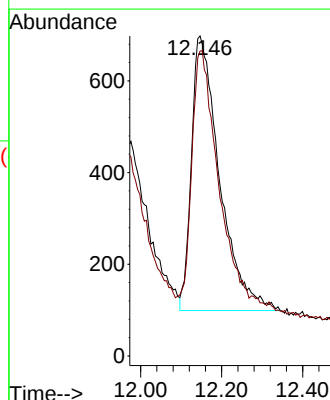
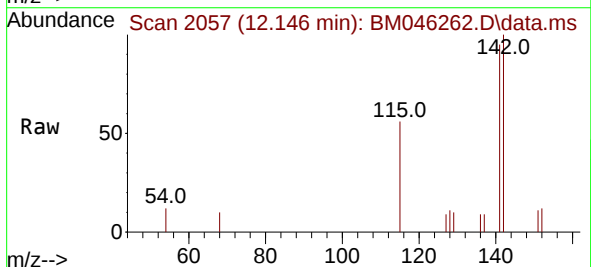
Acq: 24 Jun 2024 20:33

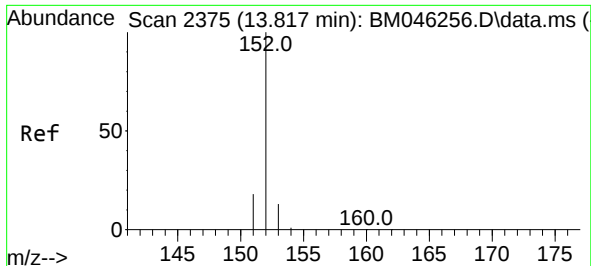
Tgt Ion:142 Resp: 2894

Ion Ratio Lower Upper

142 100

141 92.6 75.2 112.8

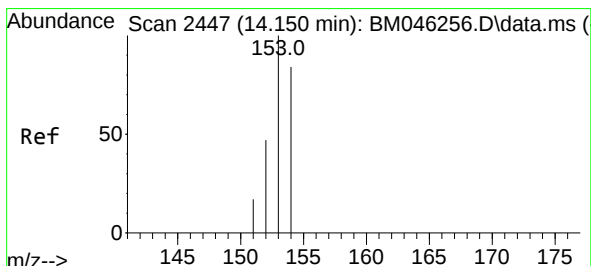
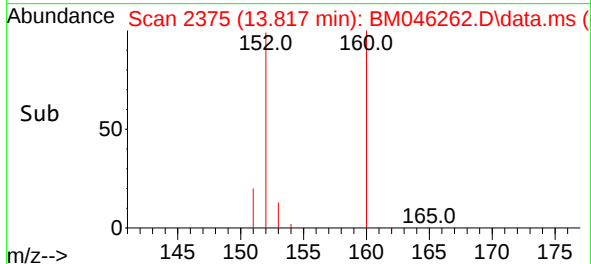
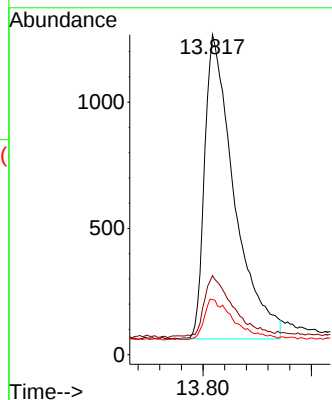
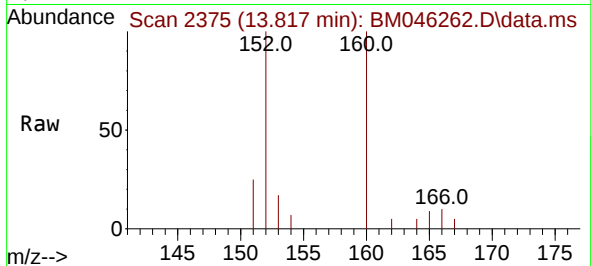




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 13.817 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

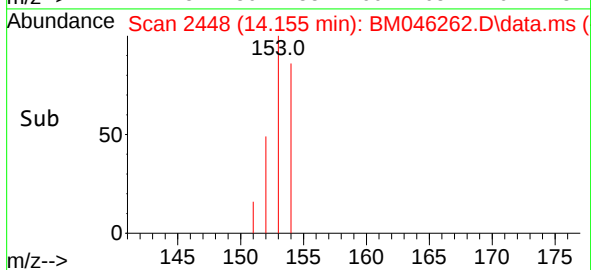
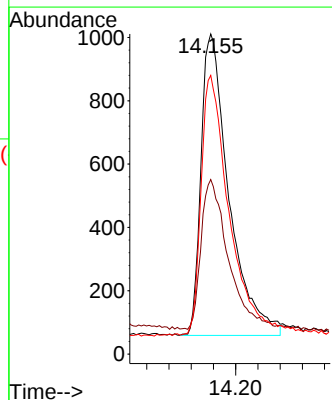
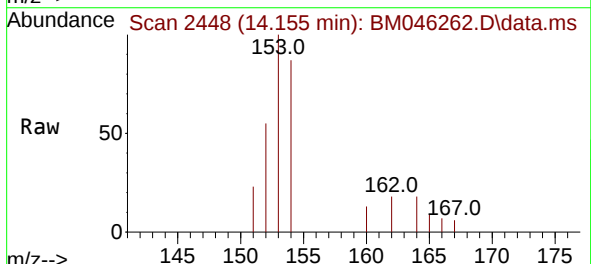
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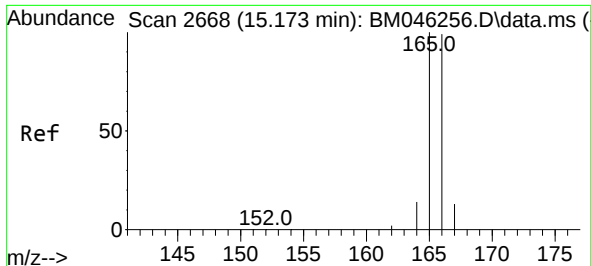
Tgt Ion:	152	Resp:	4555
Ion Ratio	Lower	Upper	
152	100		
151	24.7	17.4	26.2
153	17.2	11.8	17.8



#11
Acenaphthene
Concen: 0.362 ng/ul
RT: 14.155 min Scan# 2448
Delta R.T. -0.017 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

Tgt Ion:	153	Resp:	3327
Ion Ratio	Lower	Upper	
153	100		
152	54.5	41.3	61.9
154	87.0	68.2	102.4

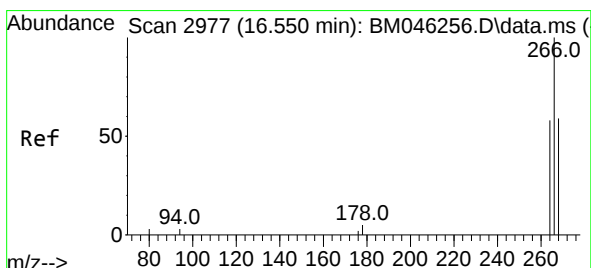
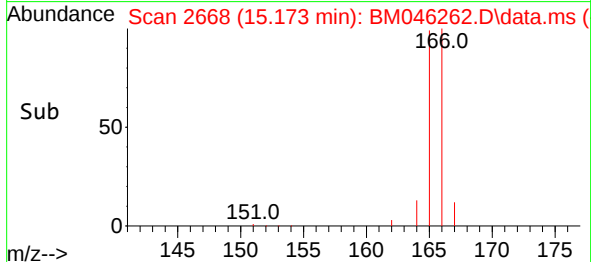
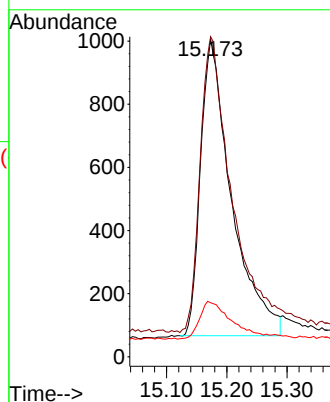
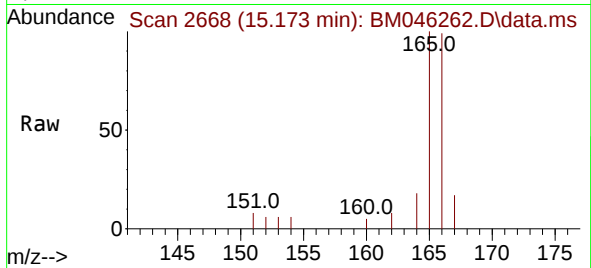




#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.173 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

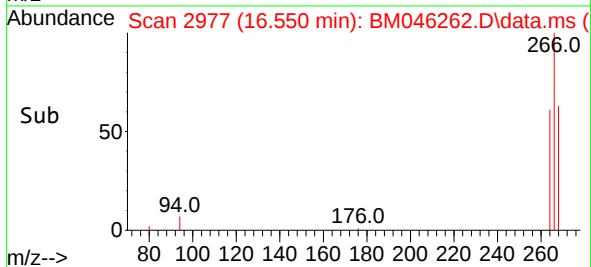
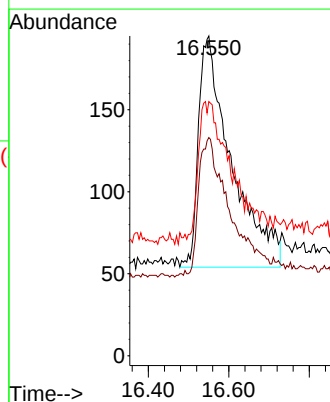
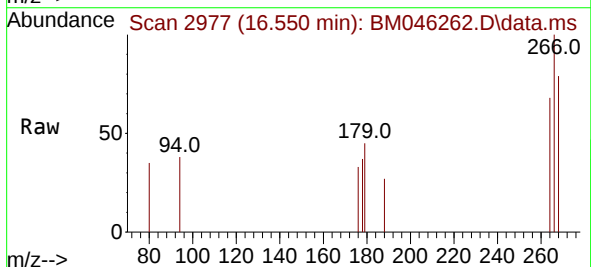
Instrument :
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ClientSampleId :
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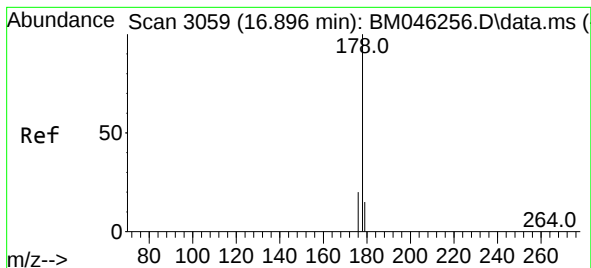
Tgt Ion:166 Resp: 3343
Ion Ratio Lower Upper
166 100
165 100.8 80.4 120.6
167 17.0 12.4 18.6



#14
Pentachlorophenol
Concen: 0.614 ng/ul
RT: 16.550 min Scan# 2977
Delta R.T. -0.016 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

Tgt Ion:266 Resp: 800
Ion Ratio Lower Upper
266 100
264 55.9 50.9 76.3
268 57.6 52.3 78.5





#15

Phenanthrene

Concen: 0.384 ng/ul

RT: 16.896 min Scan# 3059

Delta R.T. -0.007 min

Lab File: BM046262.D

Acq: 24 Jun 2024 20:33

Instrument :

BNA_M

ClientSampleId :

SLCS673

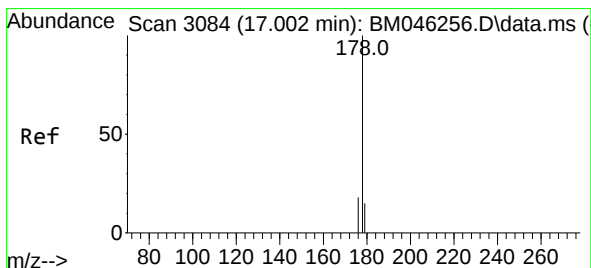
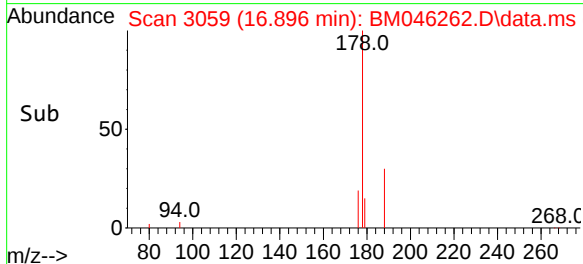
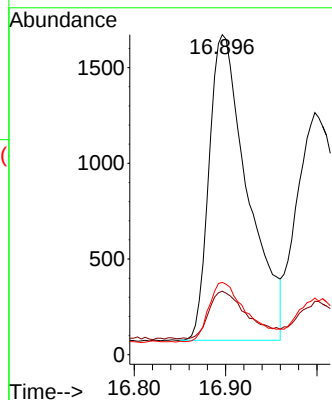
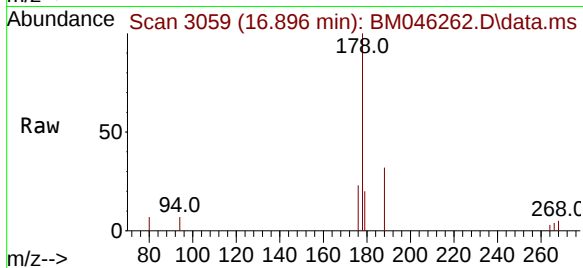
Tgt Ion:178 Resp: 4688

Ion Ratio Lower Upper

178 100

179 19.9 14.2 21.2

176 22.6 17.1 25.7



#16

Anthracene

Concen: 0.349 ng/ul

RT: 16.998 min Scan# 3083

Delta R.T. -0.007 min

Lab File: BM046262.D

Acq: 24 Jun 2024 20:33

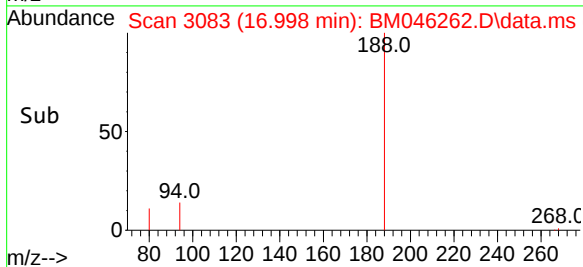
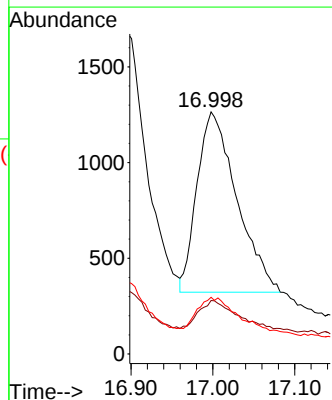
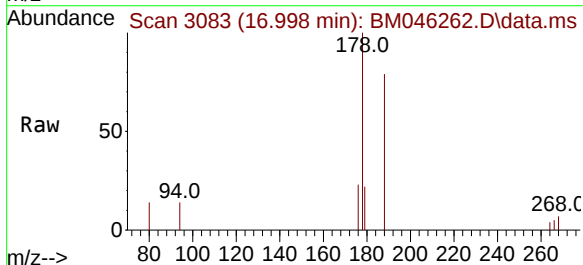
Tgt Ion:178 Resp: 3177

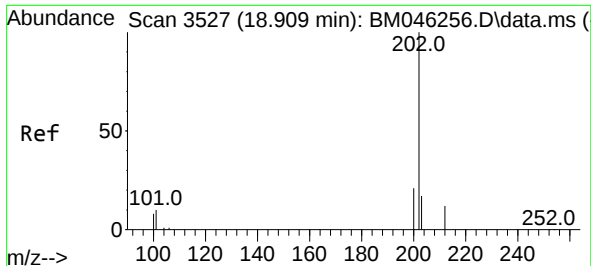
Ion Ratio Lower Upper

178 100

179 22.1 14.9 22.3

176 23.4 17.0 25.4

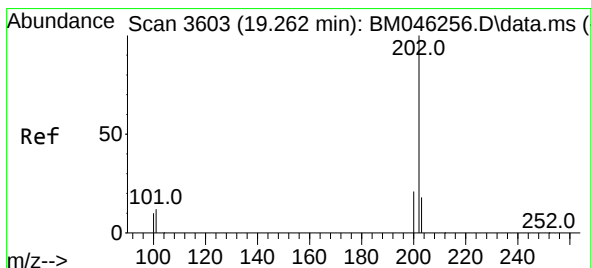
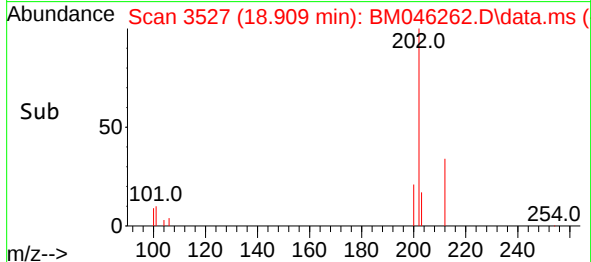
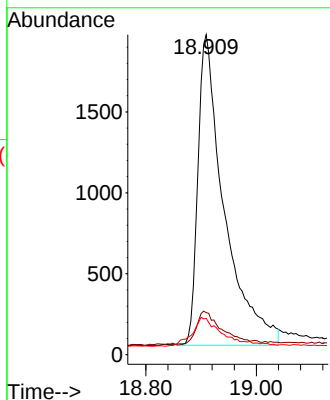
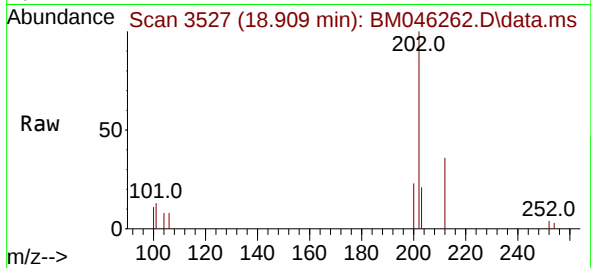




#19
Fluoranthene
Concen: 0.401 ng/u1
RT: 18.909 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

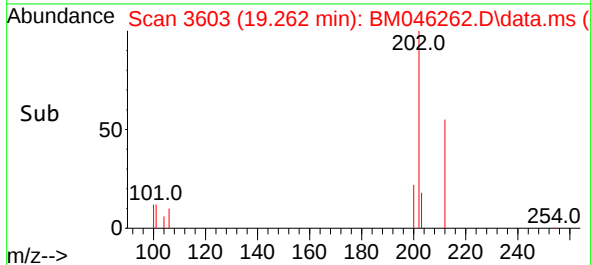
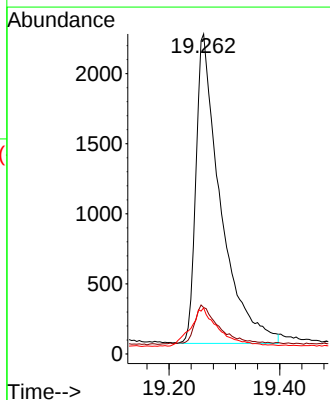
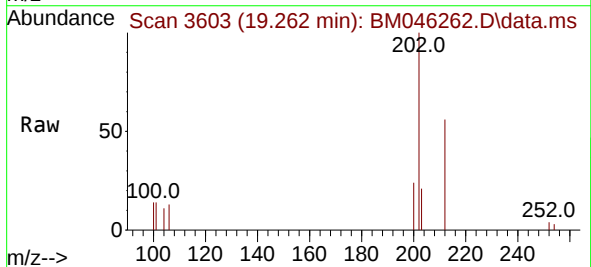
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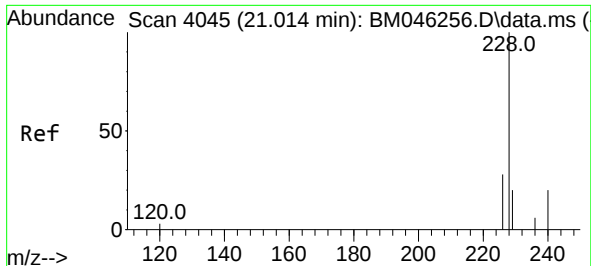
Tgt Ion:202 Resp: 6328
Ion Ratio Lower Upper
202 100
101 13.2 9.6 14.4
100 11.4 7.6 11.4



#20
Pyrene
Concen: 0.397 ng/u1
RT: 19.262 min Scan# 3603
Delta R.T. -0.013 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

Tgt Ion:202 Resp: 6775
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 14.4 9.8 14.6

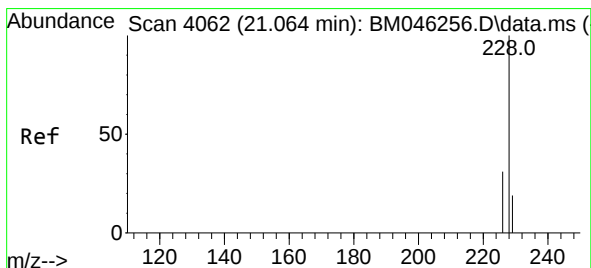
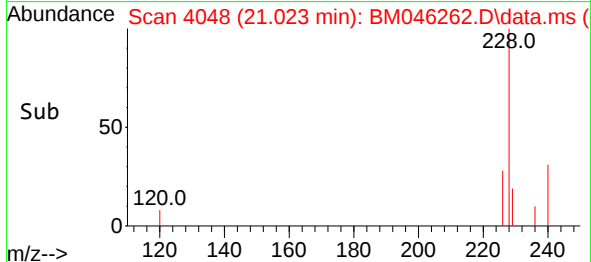
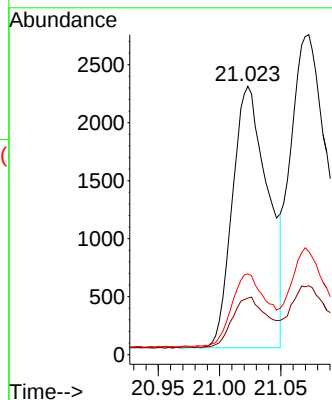
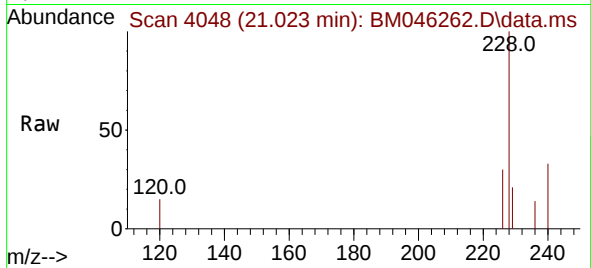




#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.023 min Scan# 4048
Delta R.T. -0.006 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

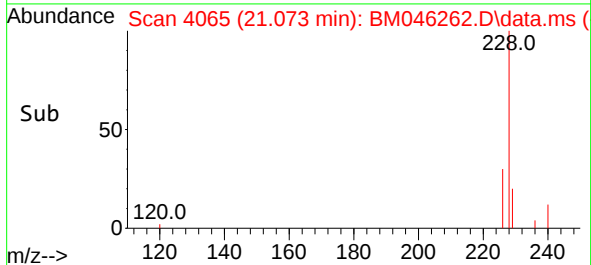
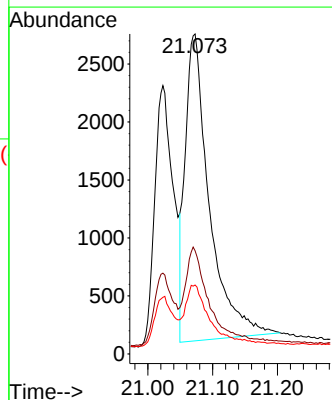
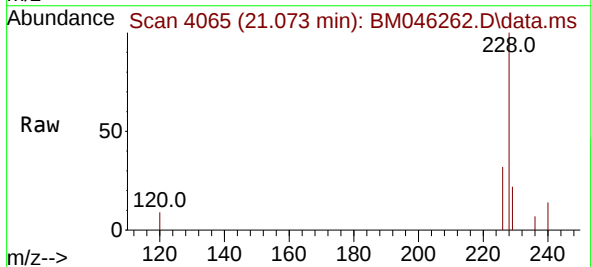
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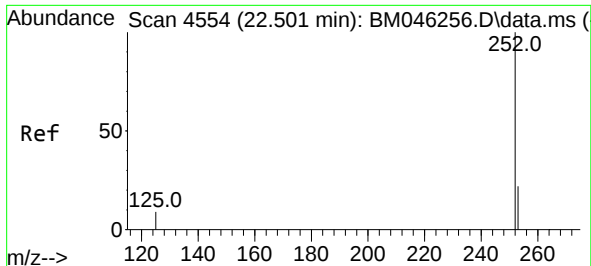
Tgt Ion:228 Resp: 4548
Ion Ratio Lower Upper
228 100
229 21.1 16.4 24.6
226 30.1 23.4 35.2



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.003 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

Tgt Ion:228 Resp: 6835
Ion Ratio Lower Upper
228 100
226 32.3 25.2 37.8
229 21.5 16.3 24.5

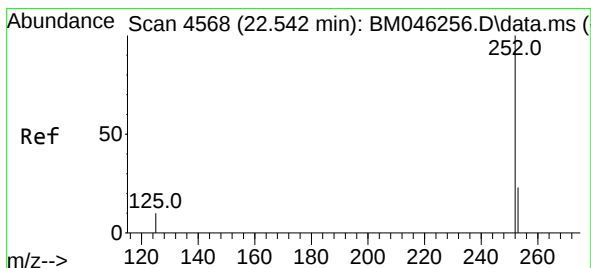
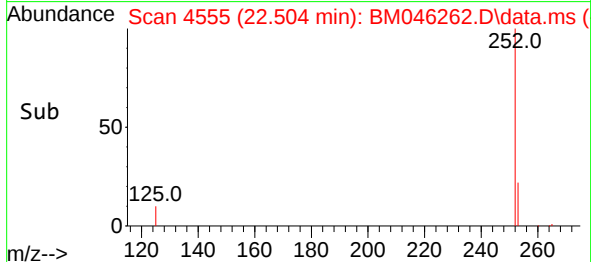
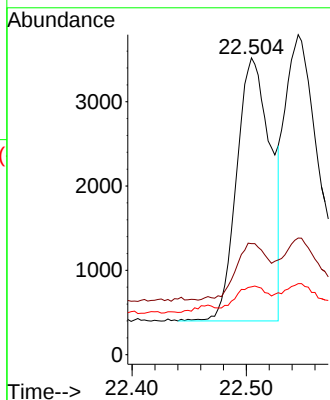
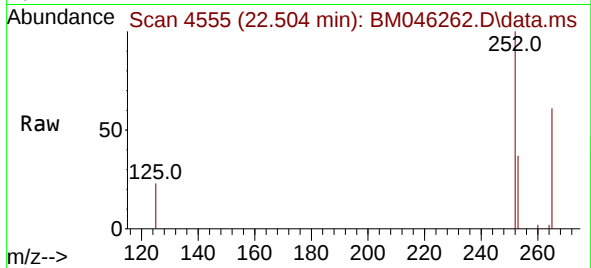




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 22.504 min Scan# 4555
Delta R.T. -0.015 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

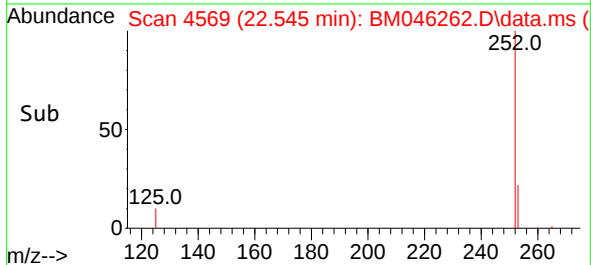
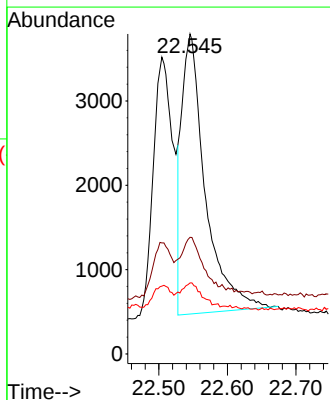
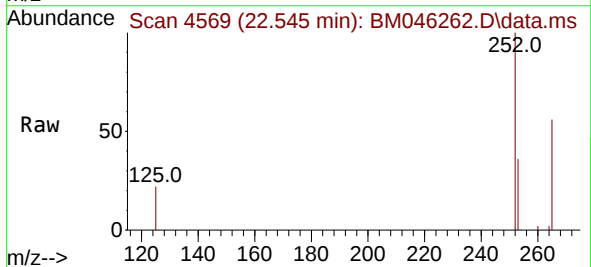
Instrument :
BNA_M
ClientSampleId :
SLCS673

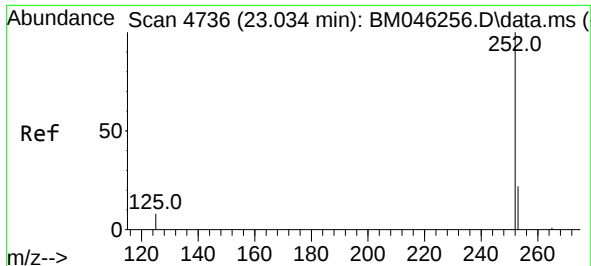
Tgt Ion:252 Resp: 6448
Ion Ratio Lower Upper
252 100
253 37.4 0.0 65.8
125 22.9 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 22.545 min Scan# 4569
Delta R.T. -0.018 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

Tgt Ion:252 Resp: 7908
Ion Ratio Lower Upper
252 100
253 36.5 27.2 40.8
125 22.2 16.6 25.0

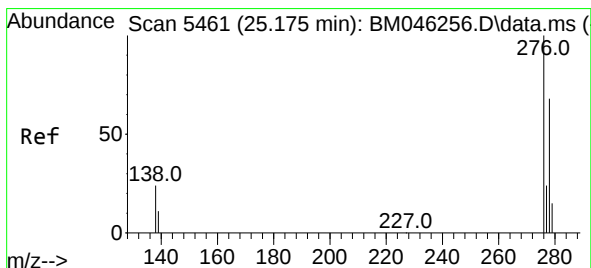
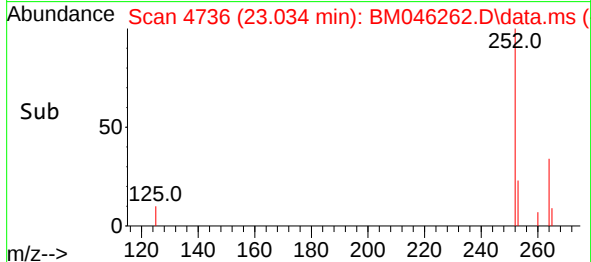
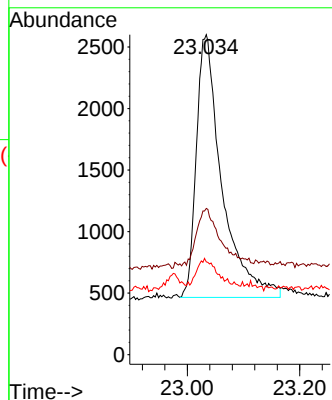
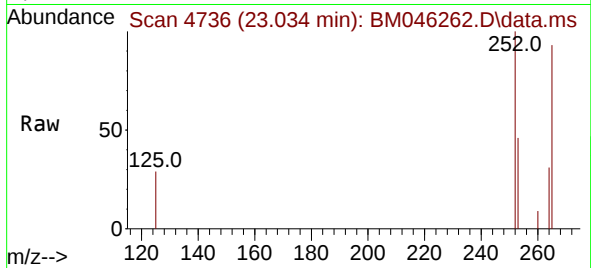




#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 23.034 min Scan# 41
Delta R.T. -0.021 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

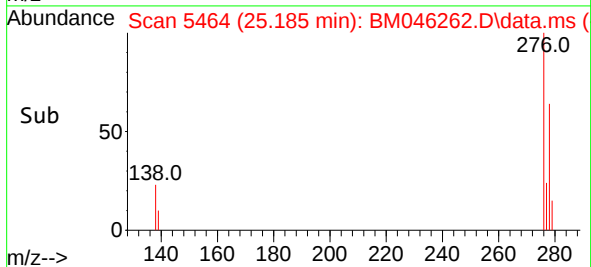
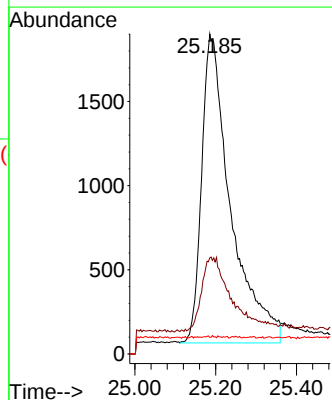
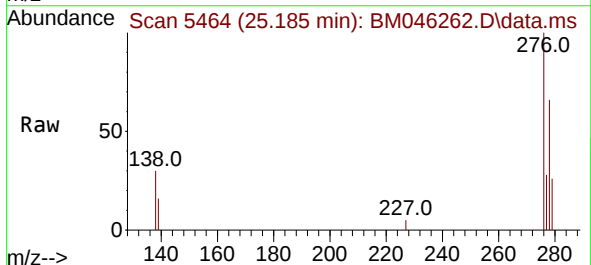
Instrument :
BNA_M
ClientSampleId :
SLCS673

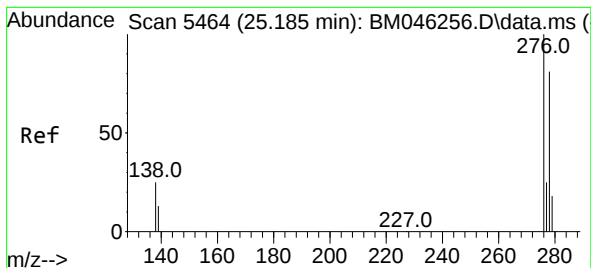
Tgt Ion:252 Resp: 6732
Ion Ratio Lower Upper
252 100
253 45.7 32.1 48.1
125 29.0 21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.325 ng/ul
RT: 25.185 min Scan# 5464
Delta R.T. -0.017 min
Lab File: BM046262.D
Acq: 24 Jun 2024 20:33

Tgt Ion:276 Resp: 9129
Ion Ratio Lower Upper
276 100
138 25.1 21.0 31.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.334 ng/ul

RT: 25.199 min Scan# 54

Delta R.T. -0.017 min

Lab File: BM046262.D

Acq: 24 Jun 2024 20:33

Instrument :

BNA_M

ClientSampleId :

SLCS673

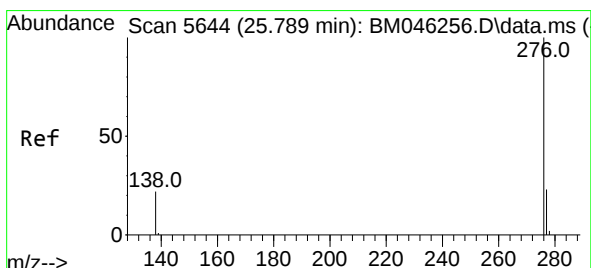
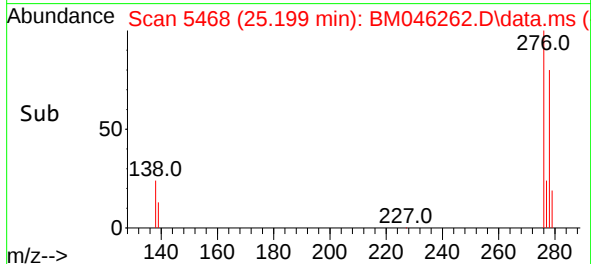
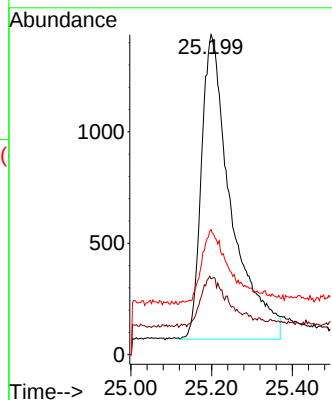
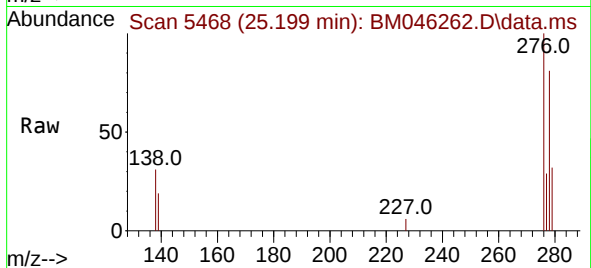
Tgt Ion:278 Resp: 6982

Ion Ratio Lower Upper

278 100

139 23.7 17.6 26.4

279 39.1 26.3 39.5



#29

Benzo(g,h,i)perylene

Concen: 0.334 ng/ul

RT: 25.799 min Scan# 5647

Delta R.T. -0.031 min

Lab File: BM046262.D

Acq: 24 Jun 2024 20:33

Tgt Ion:276 Resp: 8056

Ion Ratio Lower Upper

276 100

138 27.2 21.7 32.5

277 28.4 20.4 30.6

