

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041558.D
 Acq On : 29 Aug 2023 14:01
 Operator : MA/JU
 Sample : PB155102BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS102

Quant Time: Aug 29 23:48:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

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

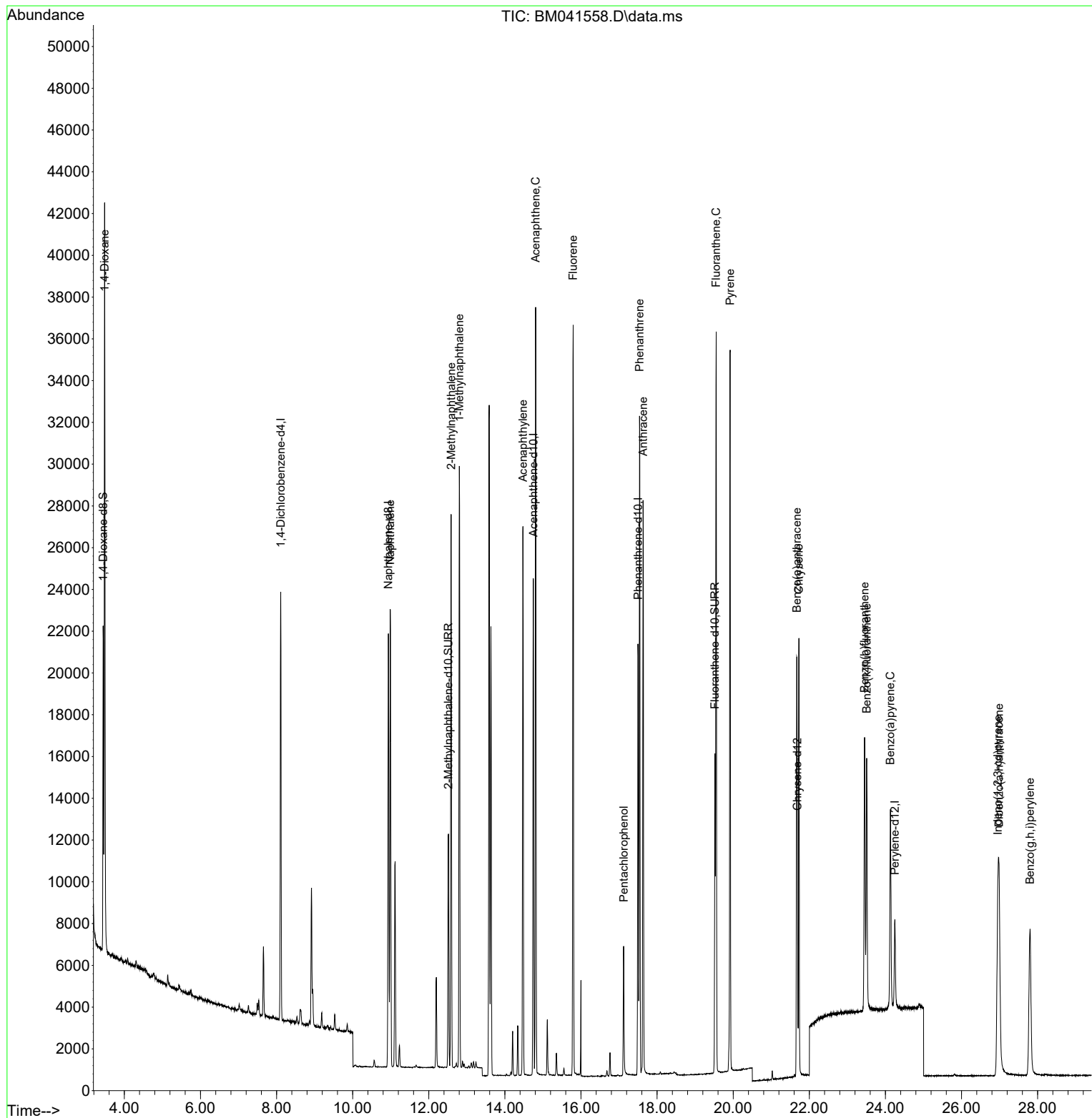
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	10131	0.400	ng/ul	0.00
4) Naphthalene-d8	10.939	136	26474	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	12043	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	21421	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.688	240	5732	0.400	ng/ul	# 0.00
23) Perylene-d12	24.246	264	6065	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	9214	0.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	13573	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.520	212	12951	0.552	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.482	88	22639	1.734	ng/ul#	86
5) Naphthalene	10.988	128	29715	0.351	ng/ul	100
7) 2-Methylnaphthalene	12.588	142	18058	0.352	ng/ul	99
8) 1-Methylnaphthalene	12.803	142	19206	0.370	ng/ul	99
10) Acenaphthylene	14.476	152	29359	0.369	ng/ul	100
11) Acenaphthene	14.809	153	20162	0.361	ng/ul	99
12) Fluorene	15.795	166	22023	0.365	ng/ul	100
14) Pentachlorophenol	17.122	266	4114	0.467	ng/ul	100
15) Phenanthrene	17.540	178	31874	0.363	ng/ul	100
16) Anthracene	17.633	178	28217	0.350	ng/ul	99
19) Fluoranthene	19.552	202	28873	0.544	ng/ul	100
20) Pyrene	19.919	202	27872	0.519	ng/ul	99
21) Benzo(a)anthracene	21.670	228	17148	0.420	ng/ul	99
22) Chrysene	21.726	228	17898	0.442	ng/ul	99
24) Benzo(b)fluoranthene	23.453	252	17790	0.461	ng/ul	96
25) Benzo(k)fluoranthene	23.506	252	17264	0.458	ng/ul	97
26) Benzo(a)pyrene	24.132	252	15505	0.445	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.954	276	20096	0.429	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.988	278	13742	0.408	ng/ul	97
29) Benzo(g,h,i)perylene	27.799	276	17113	0.436	ng/ul	99

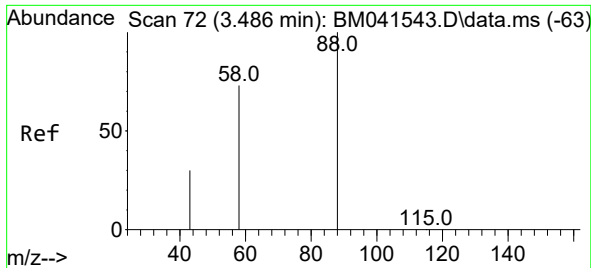
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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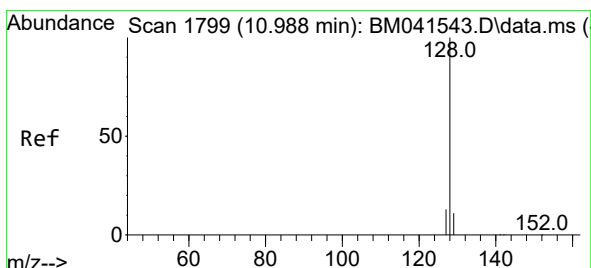
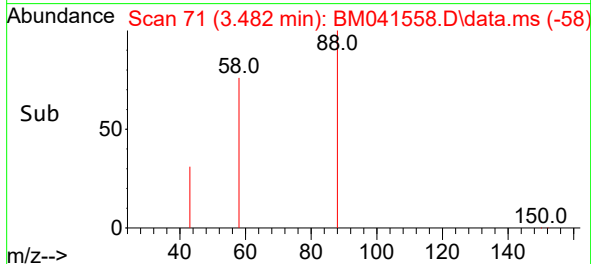
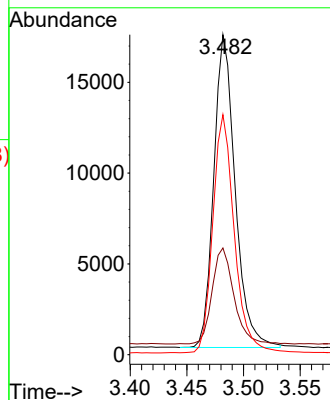
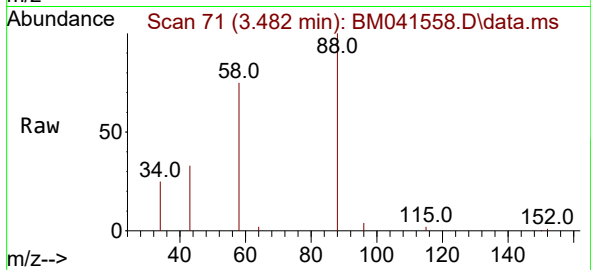




#2
1,4-Dioxane
Concen: 1.734 ng/ul
RT: 3.482 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

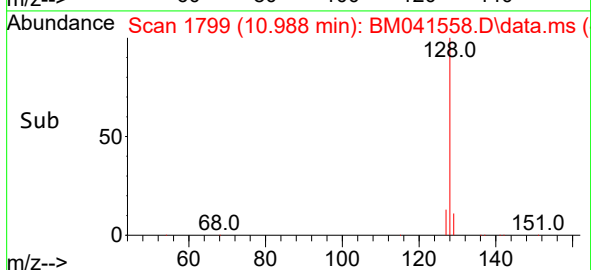
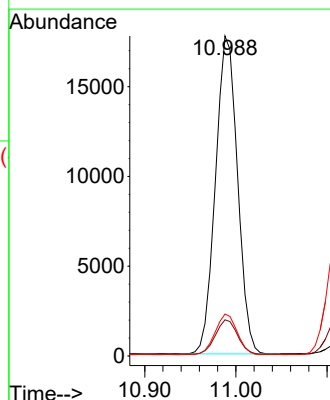
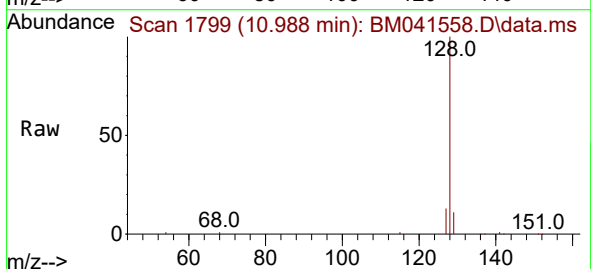
Instrument :
BNA_M
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SLCS102

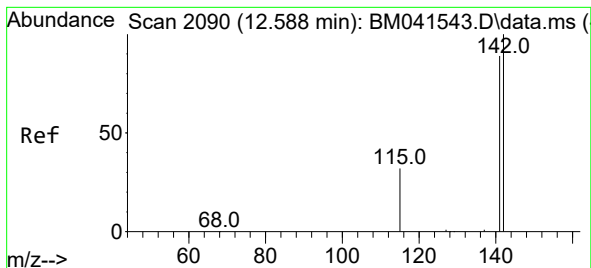
Tgt Ion: 88 Resp: 22639
Ion Ratio Lower Upper
88 100
43 33.3 30.6 46.0
58 75.0 49.3 73.9#



#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.988 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

Tgt Ion:128 Resp: 29715
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.6 15.8

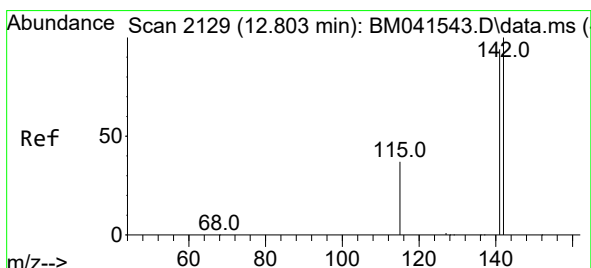
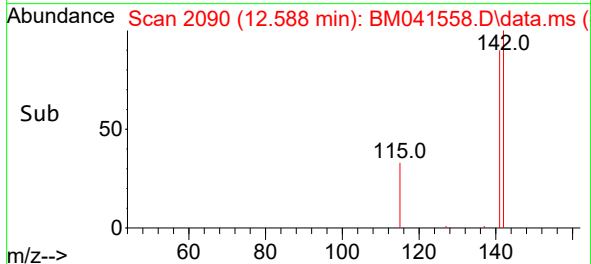
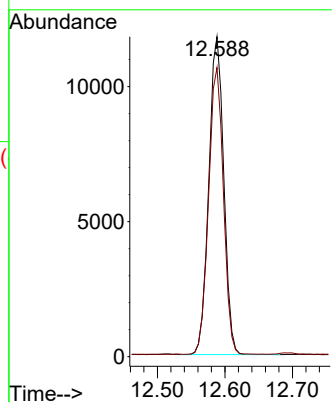
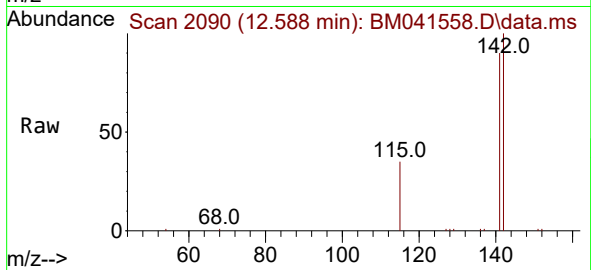




#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

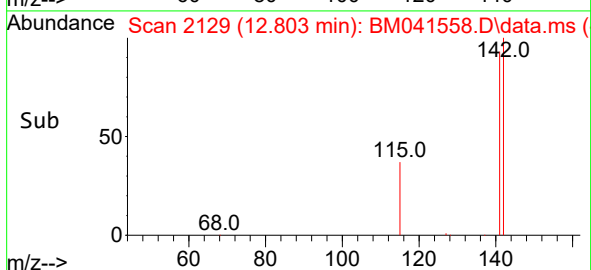
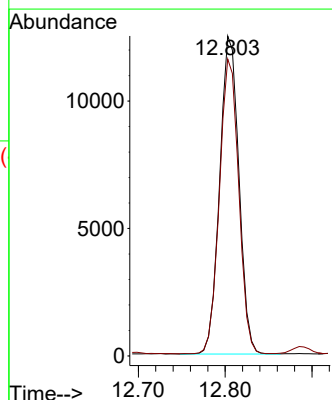
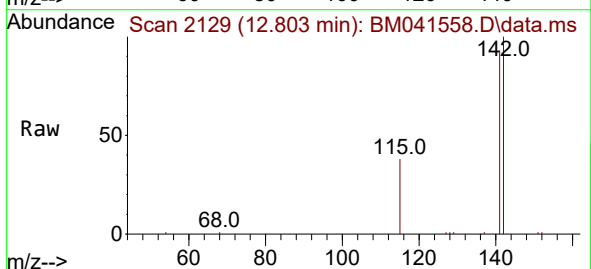
Instrument :
BNA_M
ClientSampleId :
SLCS102

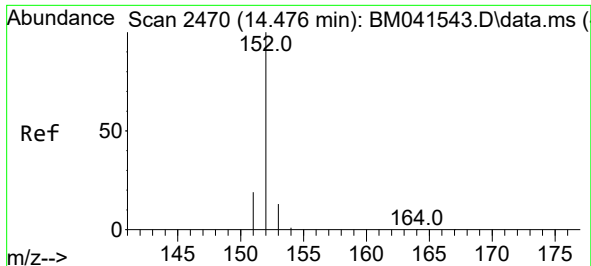
Tgt Ion:142 Resp: 18058
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.803 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

Tgt Ion:142 Resp: 19206
Ion Ratio Lower Upper
142 100
141 92.9 73.9 110.9

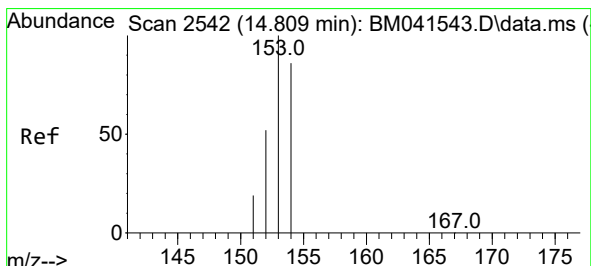
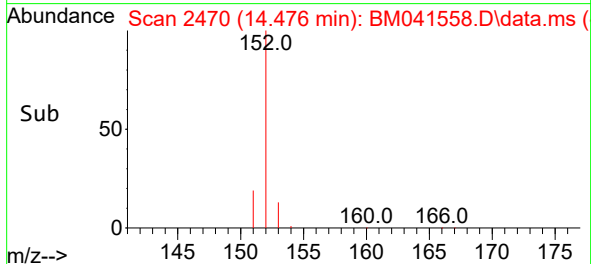
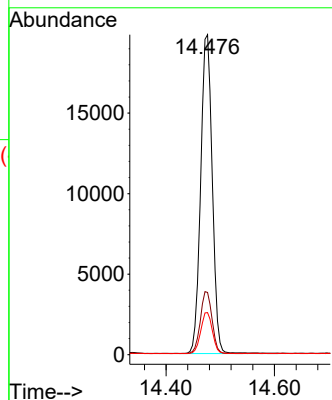
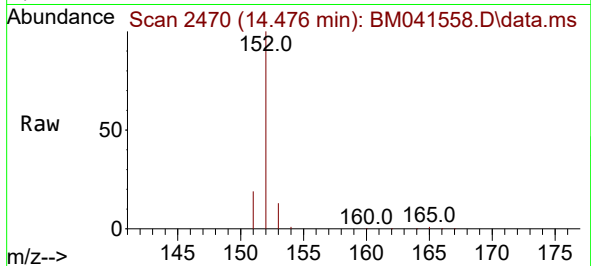




#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 14.476 min Scan# 2470
Delta R.T. -0.005 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

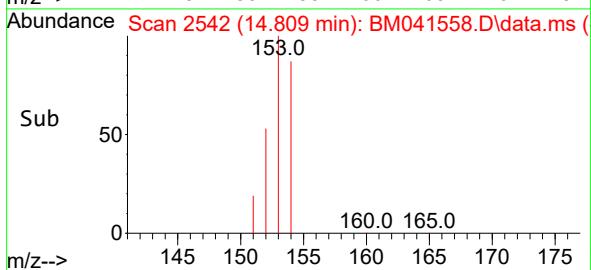
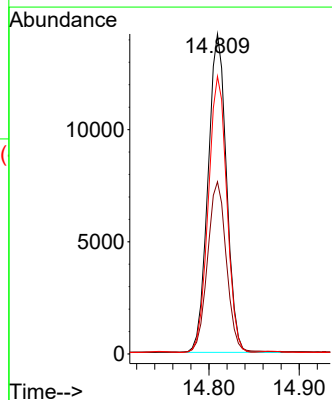
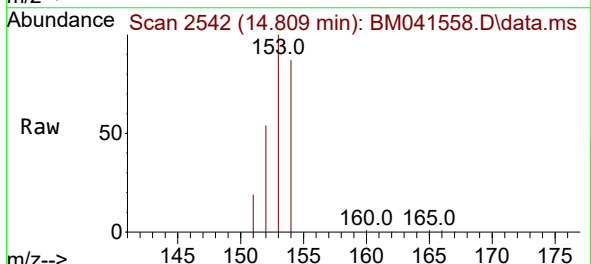
Instrument :
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ClientSampleId :
SLCS102

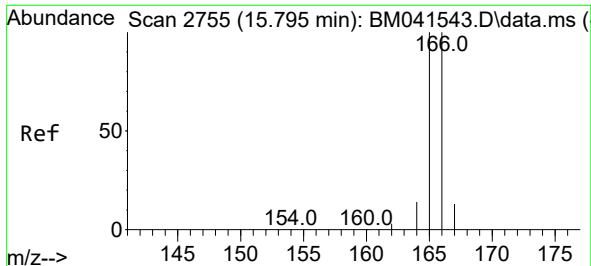
Tgt Ion:152 Resp: 29359
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.5 15.7



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.809 min Scan# 2542
Delta R.T. -0.005 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

Tgt Ion:153 Resp: 20162
Ion Ratio Lower Upper
153 100
152 53.8 41.1 61.7
154 86.8 69.4 104.0

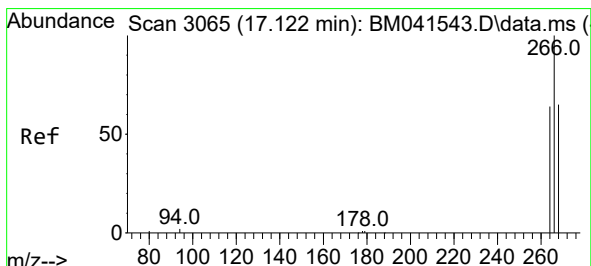
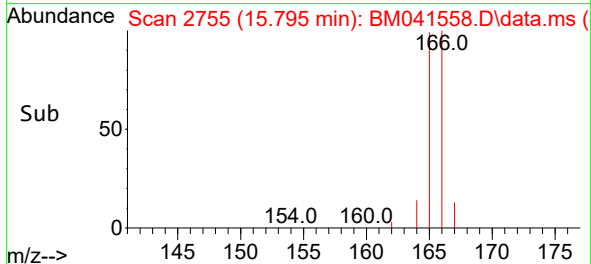
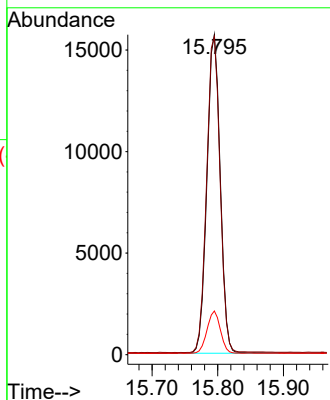
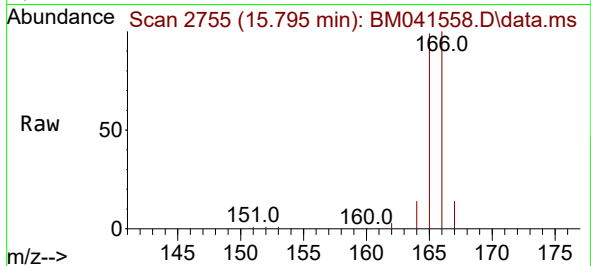




#12
 Fluorene
 Concen: 0.365 ng/ul
 RT: 15.795 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM041558.D
 Acq: 29 Aug 2023 14:01

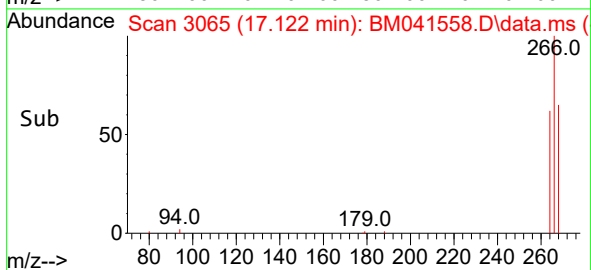
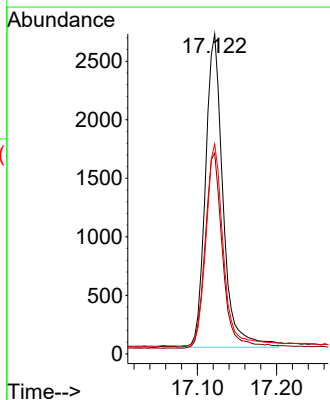
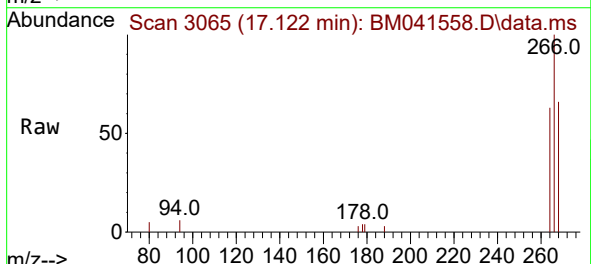
Instrument :
 BNA_M
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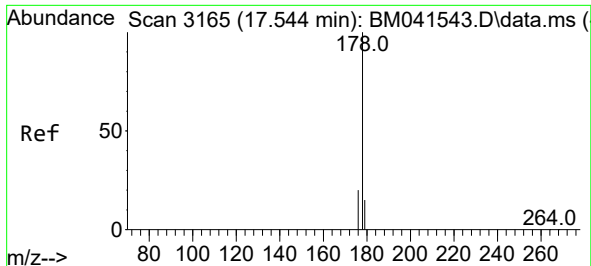
Tgt Ion:166	Resp:	22023
Ion Ratio	Lower	Upper
166	100	
165	99.5	79.2 118.8
167	13.7	10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.467 ng/ul
 RT: 17.122 min Scan# 3065
 Delta R.T. -0.004 min
 Lab File: BM041558.D
 Acq: 29 Aug 2023 14:01

Tgt Ion:266	Resp:	4114
Ion Ratio	Lower	Upper
266	100	
264	62.4	50.0 75.0
268	63.7	51.4 77.0

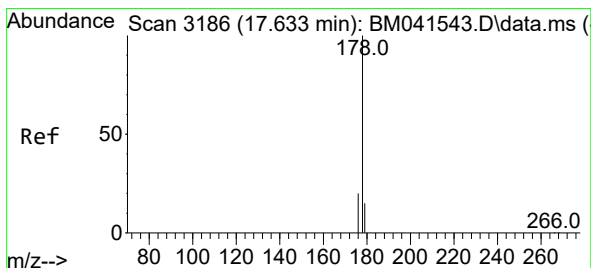
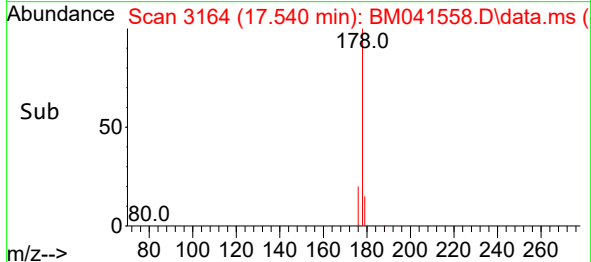
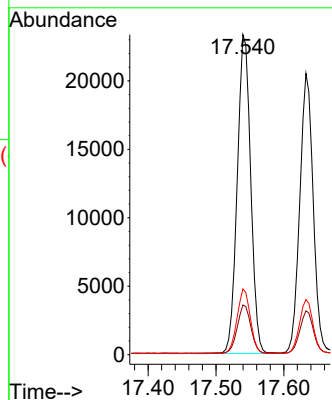
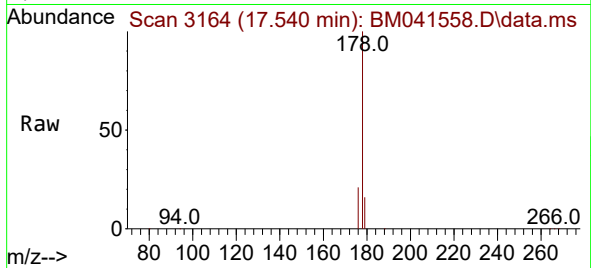




#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.540 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

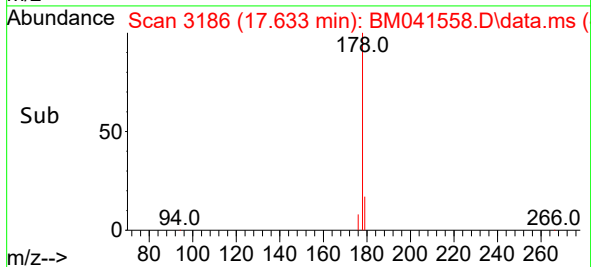
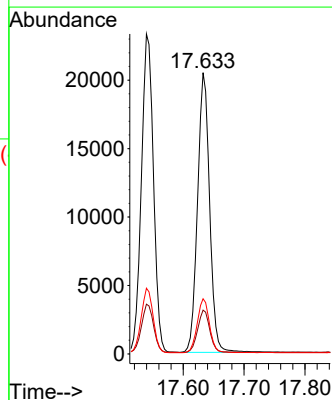
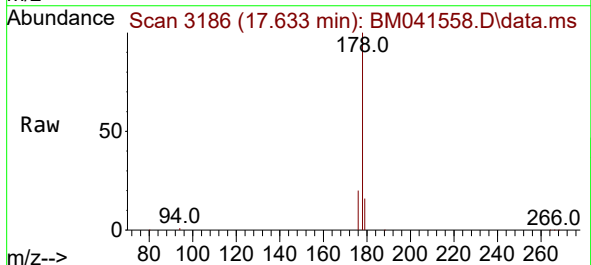
Instrument :
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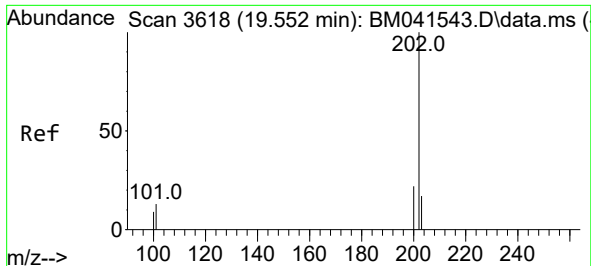
Tgt Ion:178 Resp: 31874
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 20.6 16.3 24.5



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.633 min Scan# 3186
Delta R.T. -0.004 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

Tgt Ion:178 Resp: 28217
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.6 15.9 23.9

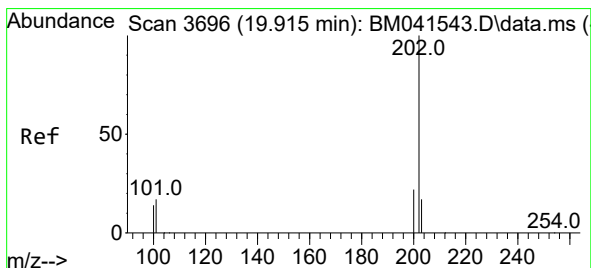
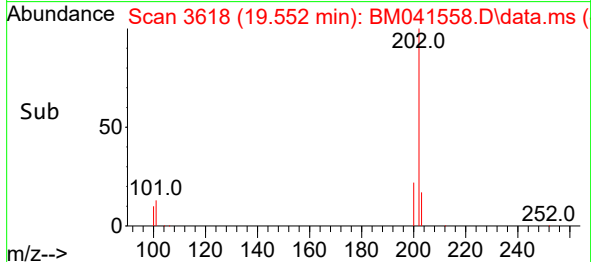
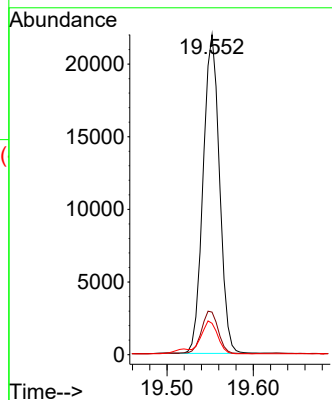
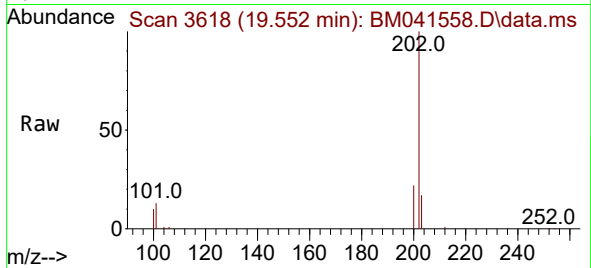




#19
Fluoranthene
Concen: 0.544 ng/ul
RT: 19.552 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

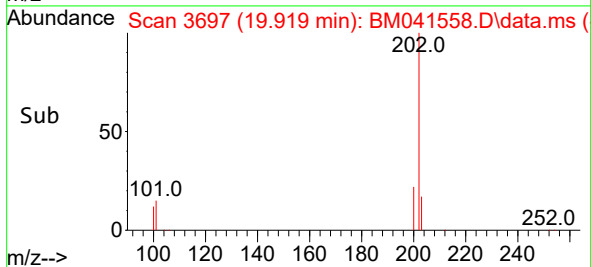
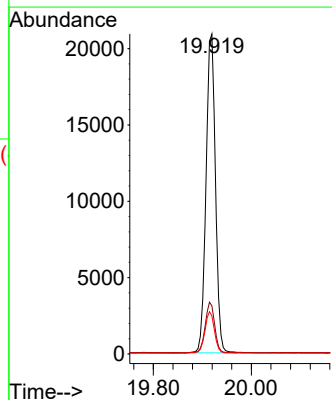
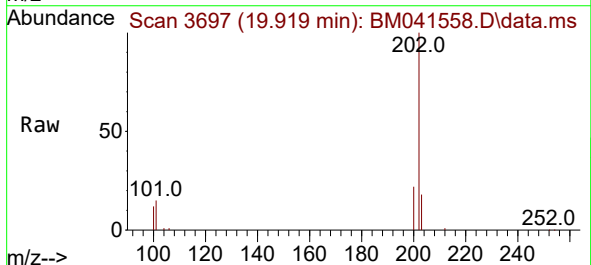
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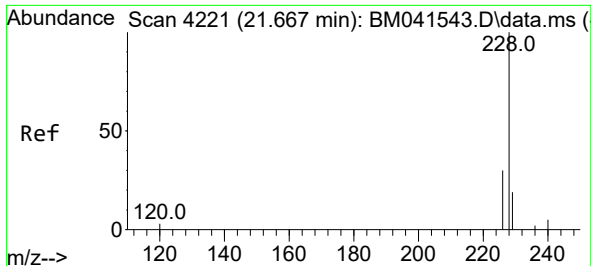
Tgt Ion:202 Resp: 28873
Ion Ratio Lower Upper
202 100
101 13.3 10.5 15.7
100 9.8 7.8 11.6



#20
Pyrene
Concen: 0.519 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

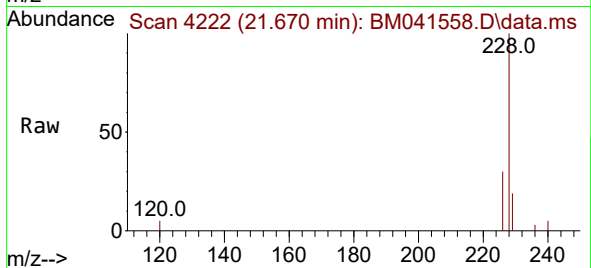
Tgt Ion:202 Resp: 27872
Ion Ratio Lower Upper
202 100
101 15.1 11.6 17.4
100 11.9 9.1 13.7



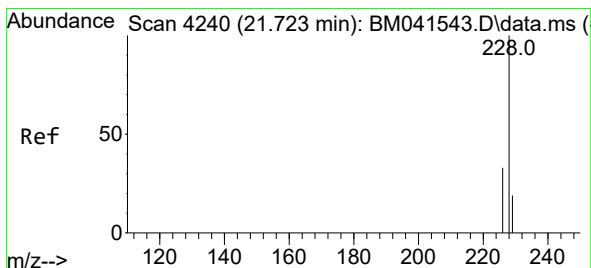
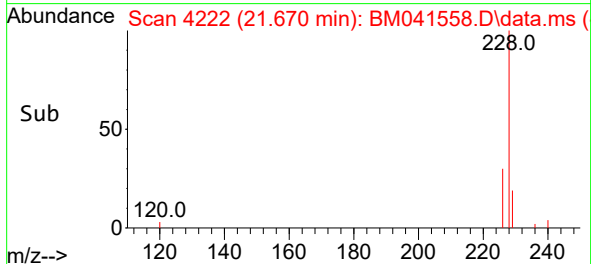
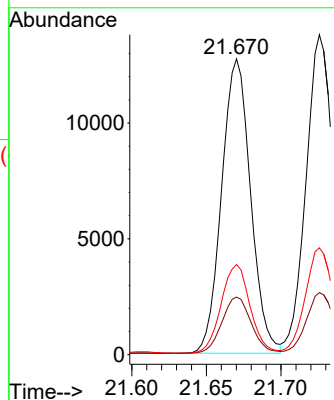


#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.670 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

Instrument :
BNA_M
ClientSampleId :
SLCS102

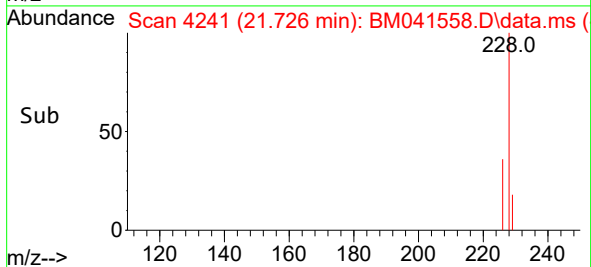
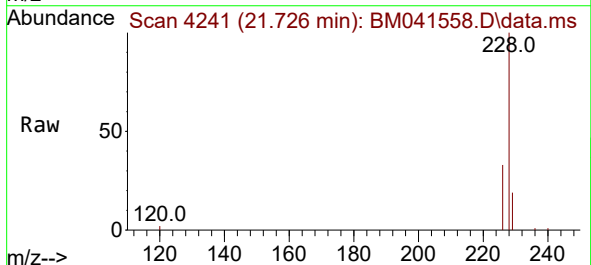
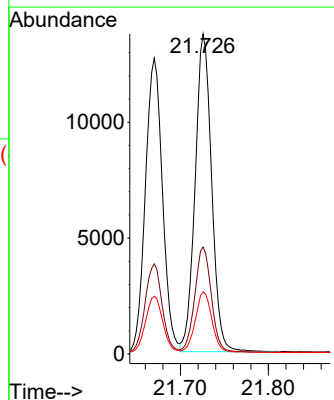


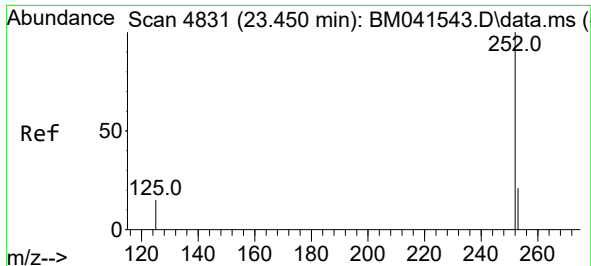
Tgt Ion:228 Resp: 17148
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 30.5 24.0 36.0



#22
Chrysene
Concen: 0.442 ng/ul
RT: 21.726 min Scan# 4241
Delta R.T. -0.006 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

Tgt Ion:228 Resp: 17898
Ion Ratio Lower Upper
228 100
226 33.4 26.3 39.5
229 19.4 15.4 23.2

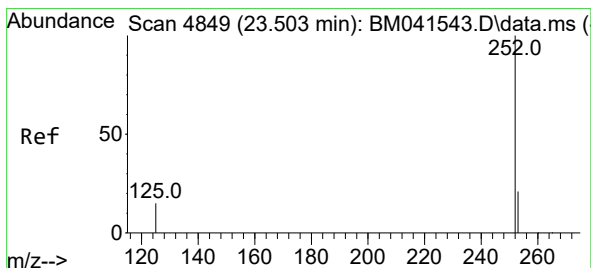
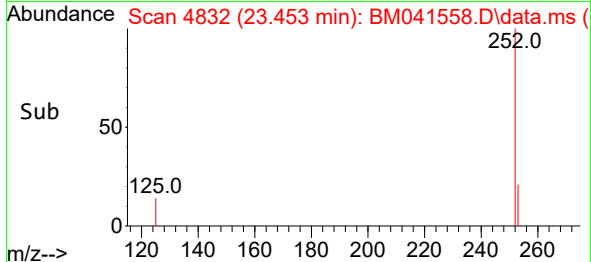
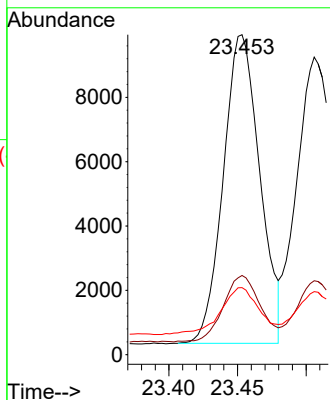
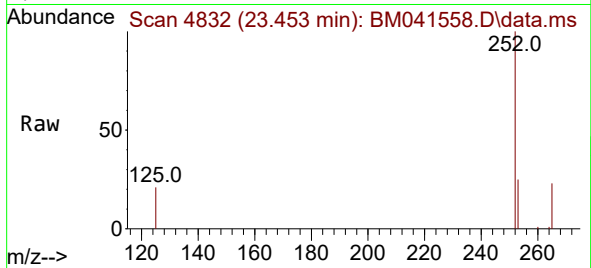




#24
Benzo(b)fluoranthene
Concen: 0.461 ng/ul
RT: 23.453 min Scan# 4832
Delta R.T. -0.009 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

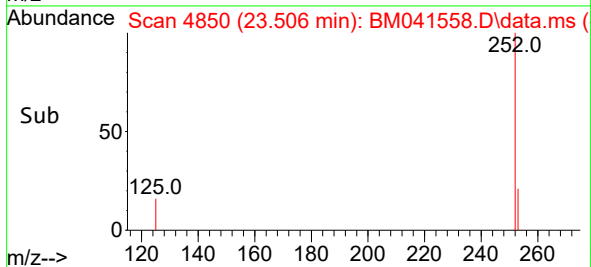
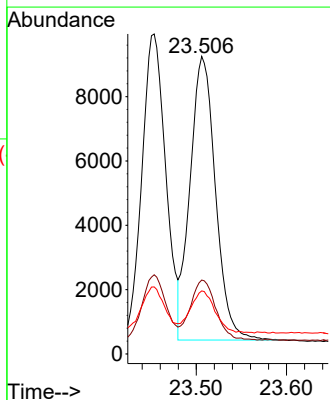
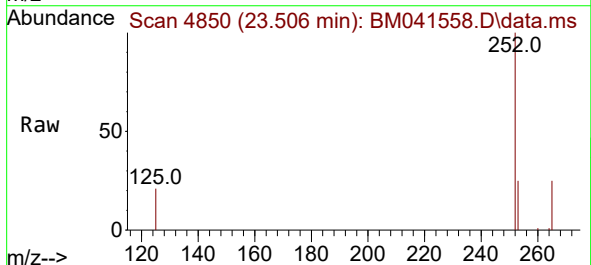
Instrument :
BNA_M
ClientSampleId :
SLCS102

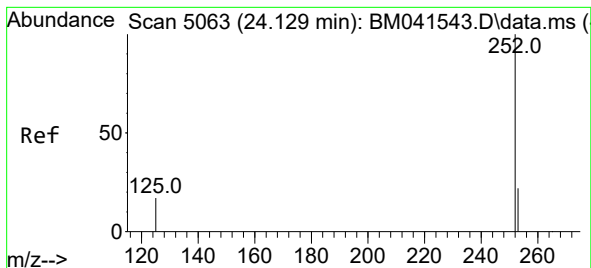
Tgt Ion:252 Resp: 17790
Ion Ratio Lower Upper
252 100
253 24.8 0.0 47.0
125 20.9 0.0 37.2



#25
Benzo(k)fluoranthene
Concen: 0.458 ng/ul
RT: 23.506 min Scan# 4850
Delta R.T. -0.012 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

Tgt Ion:252 Resp: 17264
Ion Ratio Lower Upper
252 100
253 24.9 19.3 28.9
125 21.2 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.445 ng/ul

RT: 24.132 min Scan# 5063

Delta R.T. -0.012 min

Lab File: BM041558.D

Acq: 29 Aug 2023 14:01

Instrument :

BNA_M

ClientSampleId :

SLCS102

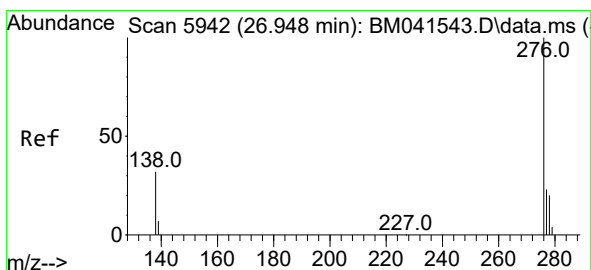
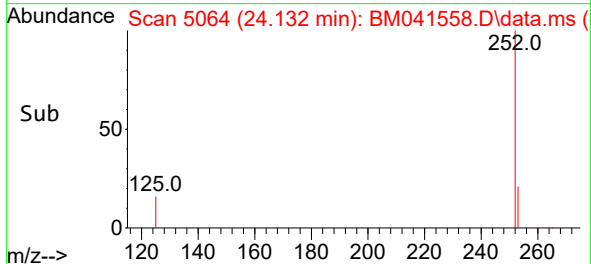
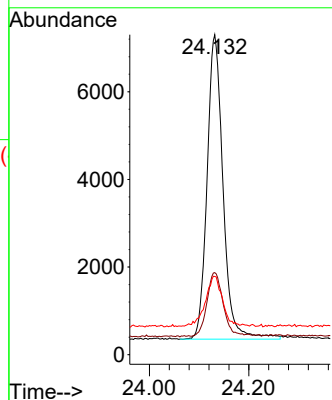
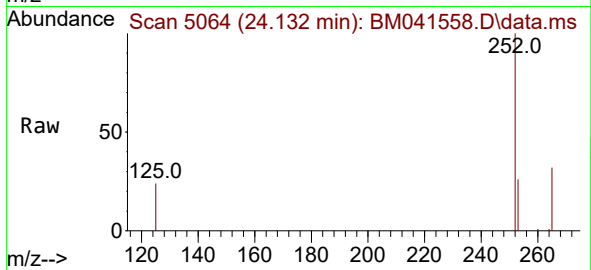
Tgt Ion:252 Resp: 15505

Ion Ratio Lower Upper

252 100

253 25.7 20.0 30.0

125 24.4 17.1 25.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.429 ng/ul

RT: 26.954 min Scan# 5944

Delta R.T. -0.017 min

Lab File: BM041558.D

Acq: 29 Aug 2023 14:01

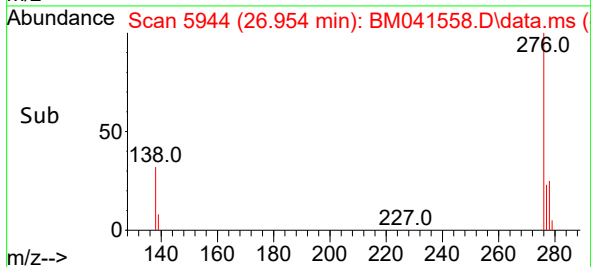
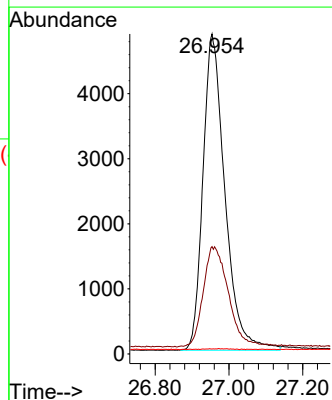
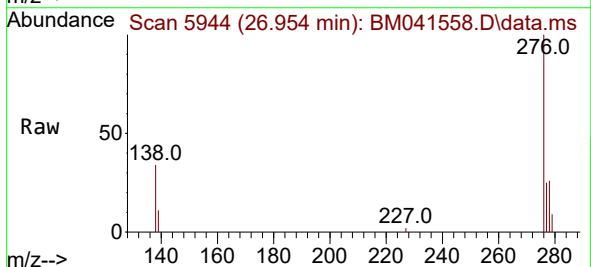
Tgt Ion:276 Resp: 20096

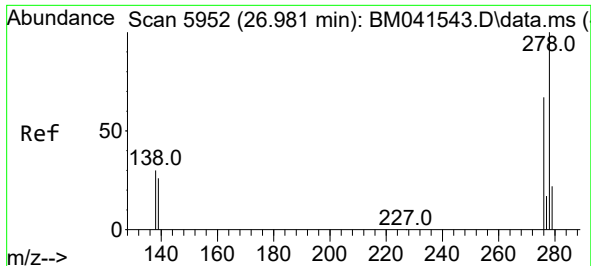
Ion Ratio Lower Upper

276 100

138 36.4 27.3 40.9

227 0.0 0.0 0.0#

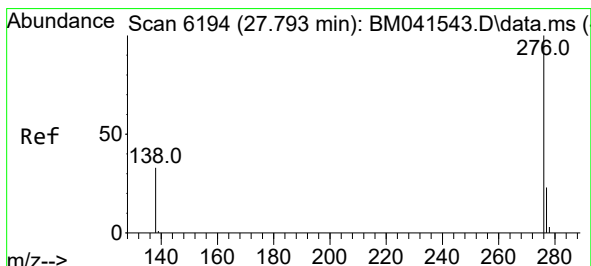
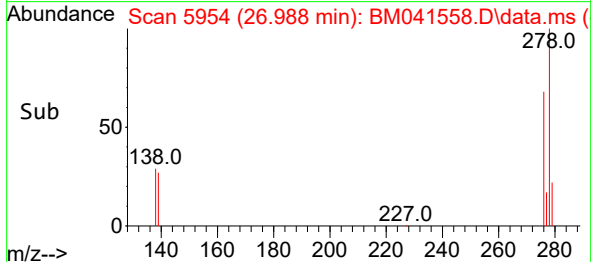
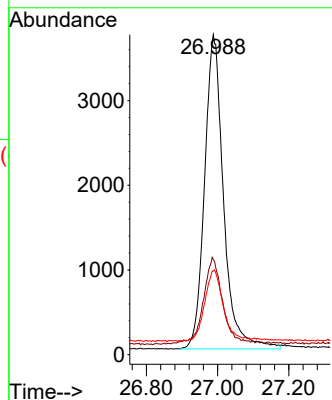
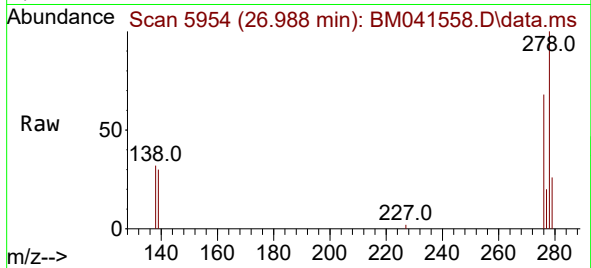




#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 26.988 min Scan# 5954
Delta R.T. -0.020 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

Instrument :
BNA_M
ClientSampleId :
SLCS102

Tgt Ion:278 Resp: 13742
Ion Ratio Lower Upper
278 100
139 29.8 22.2 33.2
279 26.1 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.436 ng/ul
RT: 27.799 min Scan# 6196
Delta R.T. -0.017 min
Lab File: BM041558.D
Acq: 29 Aug 2023 14:01

Tgt Ion:276 Resp: 17113
Ion Ratio Lower Upper
276 100
138 32.2 25.9 38.9
277 25.0 19.1 28.7

