

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044108.D
 Acq On : 15 Feb 2024 19:09
 Operator : MA/JU
 Sample : PB158894BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS894

Quant Time: Feb 15 23:31:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

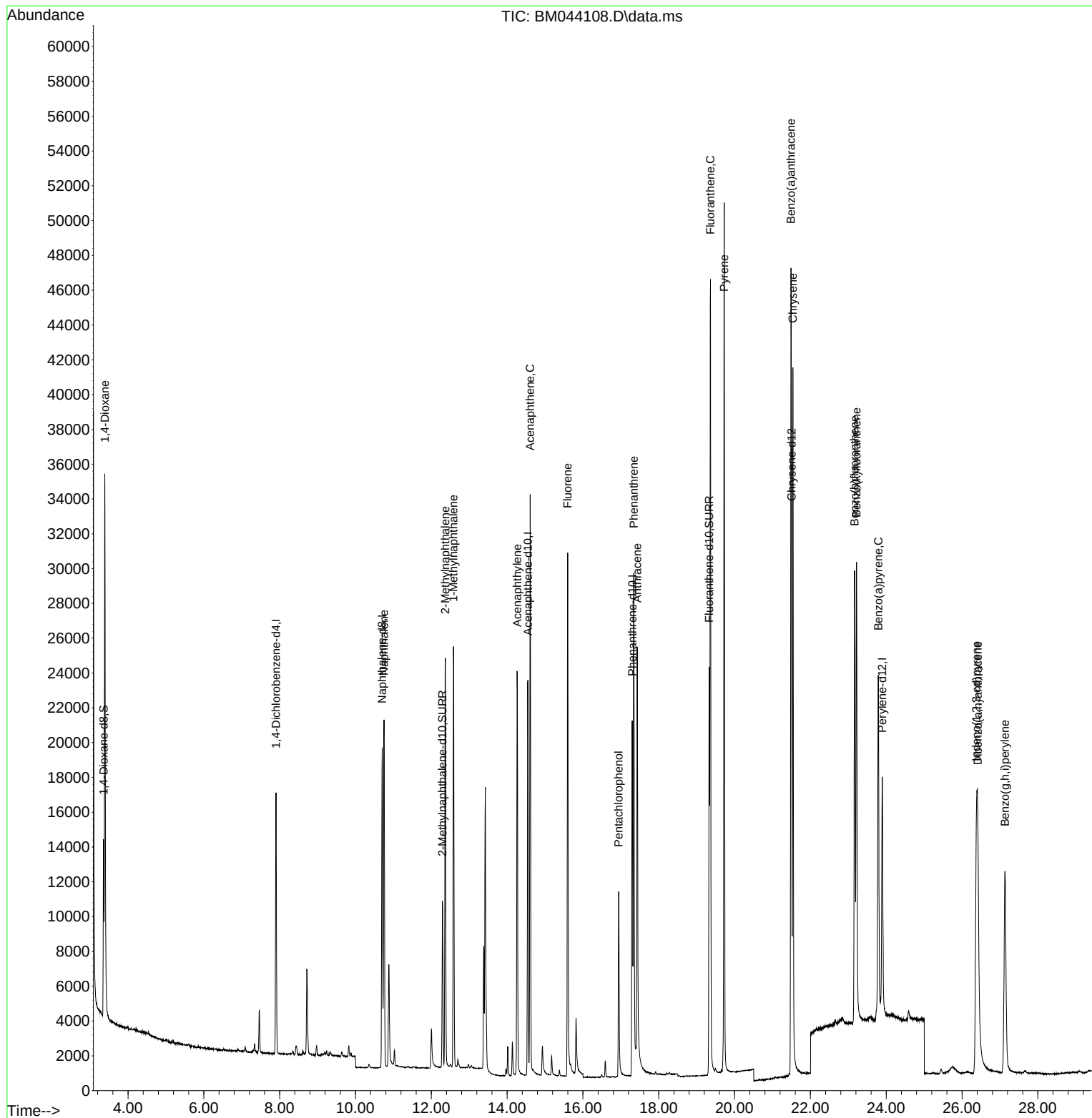
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	7679	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	24951	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	13009	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	26922	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	20180	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	20828	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	7134	0.656	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	12939	0.370	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	25676	0.426	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	22028	2.027	ng/ul#	79
5) Naphthalene	10.754	128	27829	0.375	ng/ul	99
7) 2-Methylnaphthalene	12.371	142	17446	0.381	ng/ul	99
8) 1-Methylnaphthalene	12.585	142	17124	0.370	ng/ul	100
10) Acenaphthylene	14.265	152	28036	0.392	ng/ul	99
11) Acenaphthene	14.607	153	19496	0.376	ng/ul	99
12) Fluorene	15.597	166	21241	0.364	ng/ul	99
14) Pentachlorophenol	16.942	266	8187	0.849	ng/ul	99
15) Phenanthrene	17.343	178	33602	0.394	ng/ul	99
16) Anthracene	17.431	178	34043	0.403	ng/ul	100
19) Fluoranthene	19.364	202	40314	0.438	ng/ul	99
20) Pyrene	19.726	202	42404	0.438	ng/ul	97
21) Benzo(a)anthracene	21.488	228	37789	0.409	ng/ul	99
22) Chrysene	21.538	228	39367	0.395	ng/ul	99
24) Benzo(b)fluoranthene	23.166	252	35623	0.414	ng/ul	98
25) Benzo(k)fluoranthene	23.215	252	38142	0.409	ng/ul	97
26) Benzo(a)pyrene	23.791	252	32909	0.412	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.380	276	33710	0.331	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.413	278	26513	0.331	ng/ul	98
29) Benzo(g,h,i)perylene	27.134	276	27891	0.310	ng/ul	97

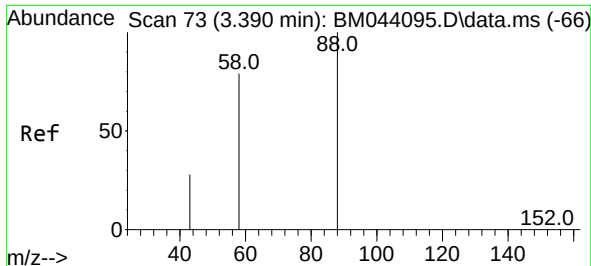
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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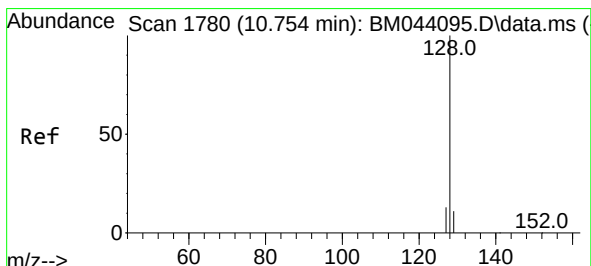
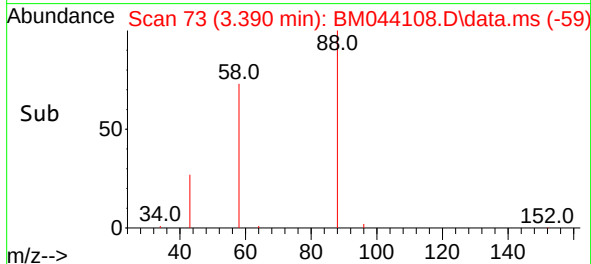
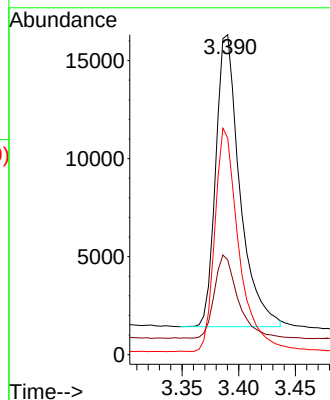
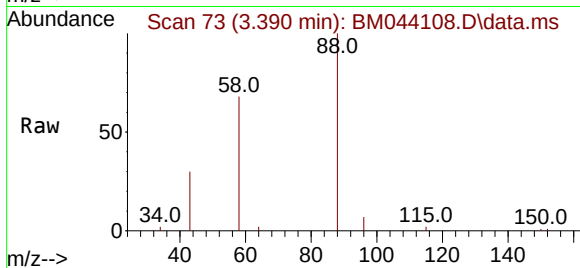




#2
1,4-Dioxane
Concen: 2.027 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

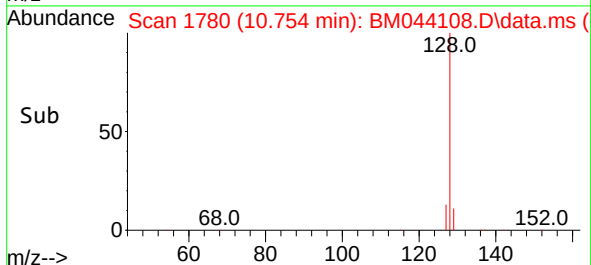
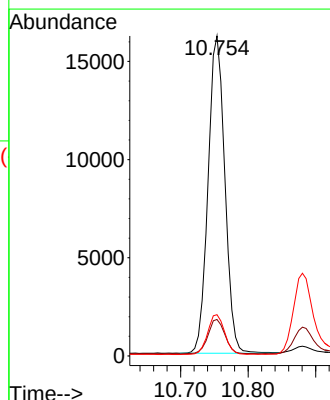
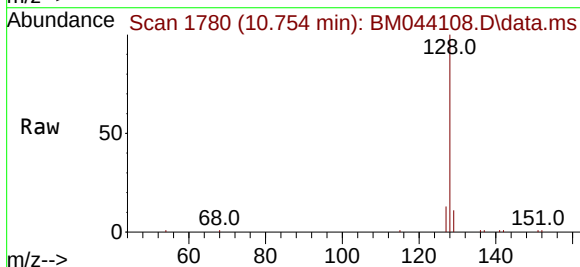
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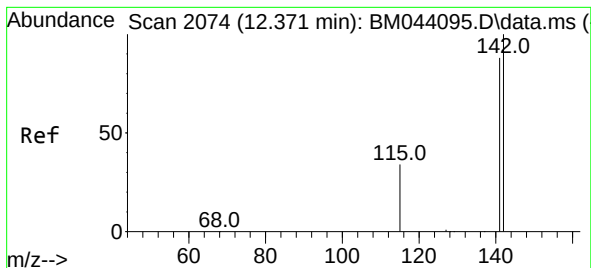
Tgt Ion: 88 Resp: 22028
Ion Ratio Lower Upper
88 100
43 29.6 32.2 48.2#
58 67.7 40.6 60.8#



#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.754 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

Tgt Ion: 128 Resp: 27829
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 12.9 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.381 ng/ul

RT: 12.371 min Scan# 2074

Delta R.T. 0.000 min

Lab File: BM044108.D

Acq: 15 Feb 2024 19:09

Instrument :

BNA_M

ClientSampleId :

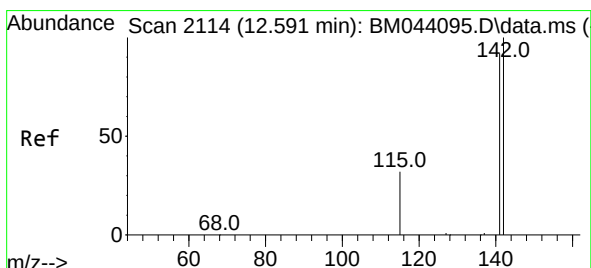
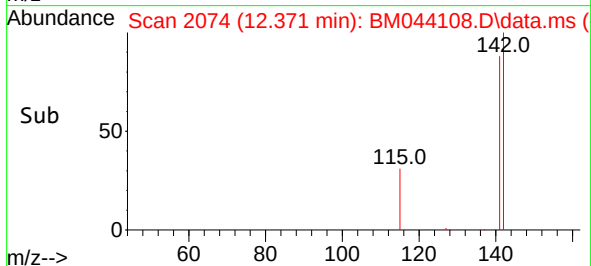
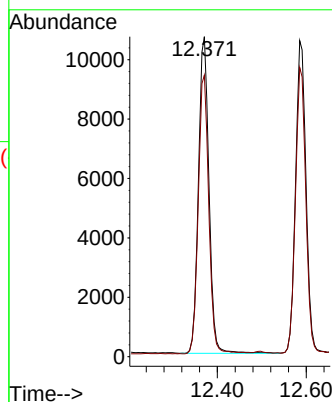
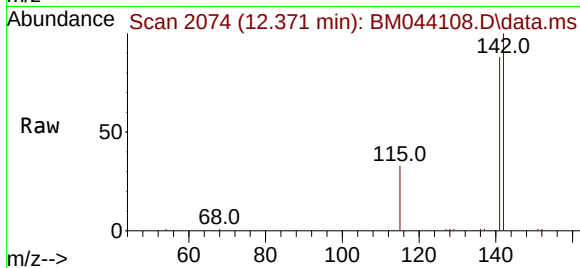
SLCS894

Tgt Ion:142 Resp: 17446

Ion Ratio Lower Upper

142 100

141 88.4 70.0 105.0



#8

1-Methylnaphthalene

Concen: 0.370 ng/ul

RT: 12.585 min Scan# 2113

Delta R.T. -0.005 min

Lab File: BM044108.D

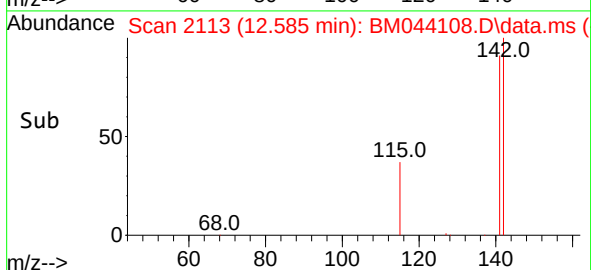
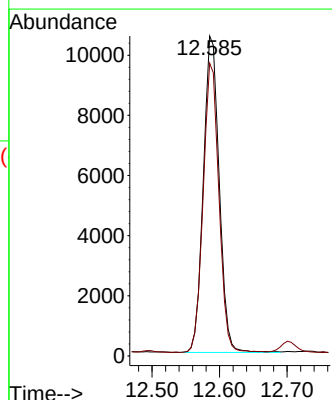
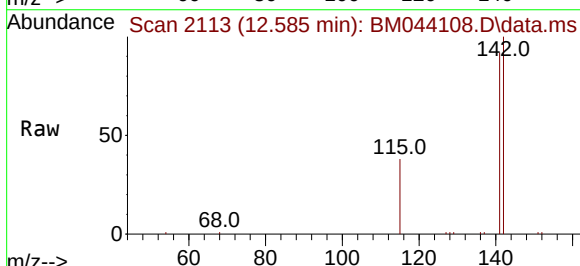
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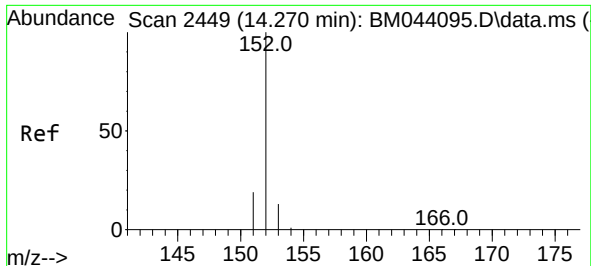
Tgt Ion:142 Resp: 17124

Ion Ratio Lower Upper

142 100

141 90.8 72.5 108.7

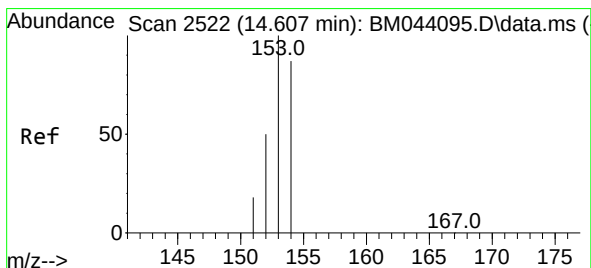
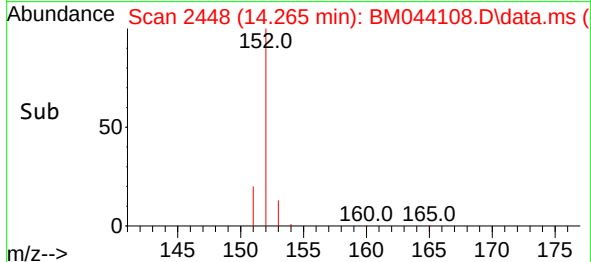
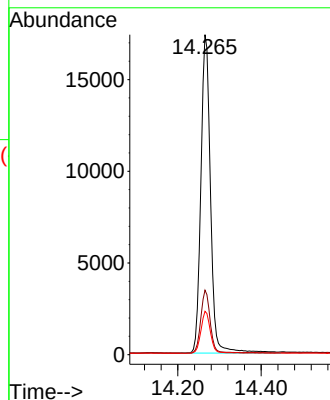
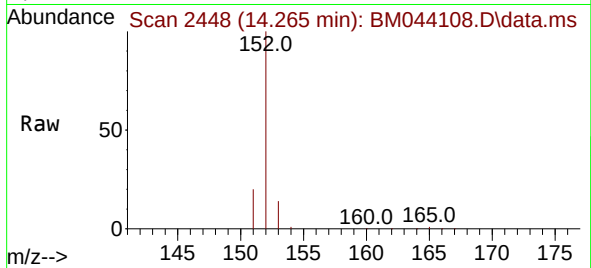




#10
Acenaphthylene
Concen: 0.392 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

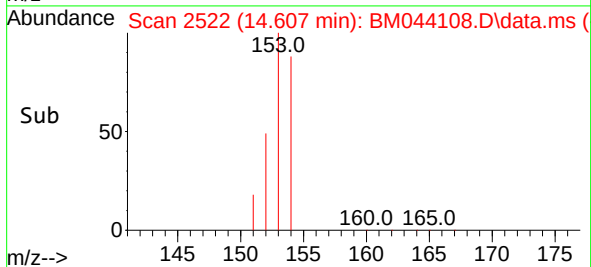
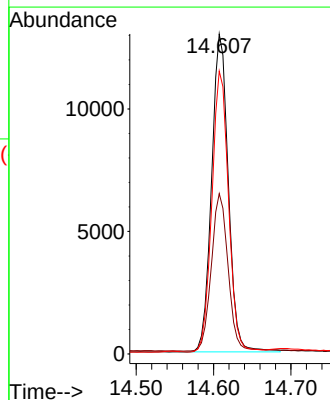
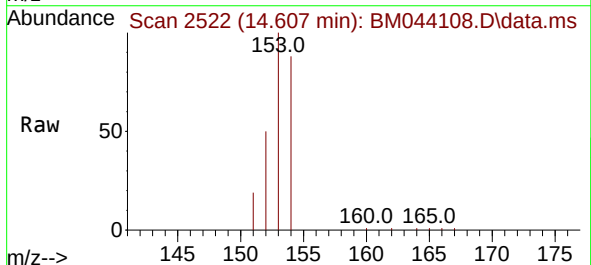
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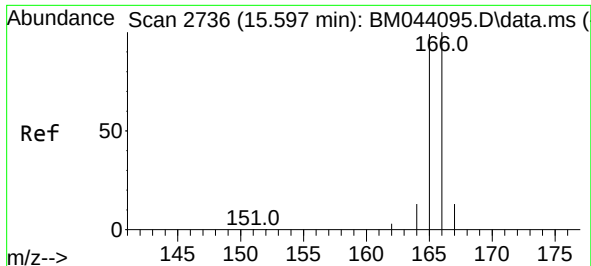
Tgt Ion:152 Resp: 28036
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.607 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

Tgt Ion:153 Resp: 19496
Ion Ratio Lower Upper
153 100
152 50.1 40.6 61.0
154 88.4 70.1 105.1

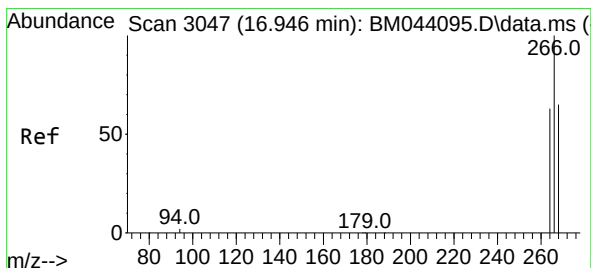
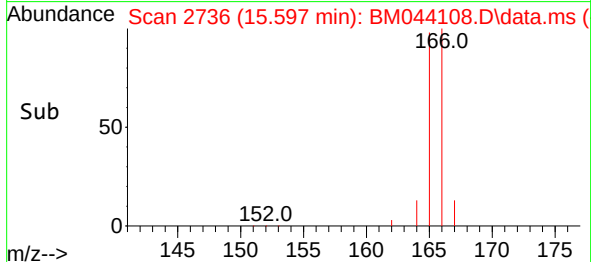
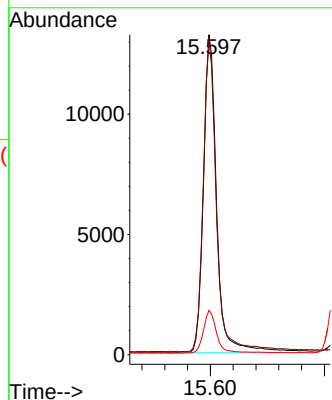
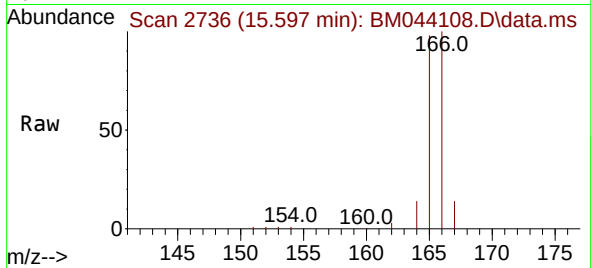




#12
 Fluorene
 Concen: 0.364 ng/ul
 RT: 15.597 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044108.D
 Acq: 15 Feb 2024 19:09

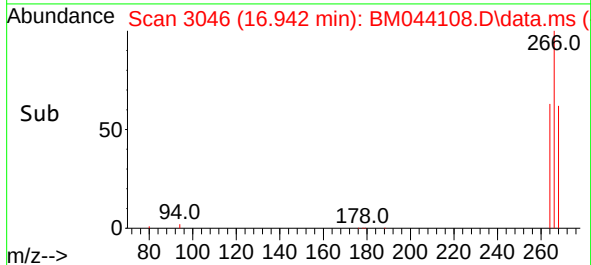
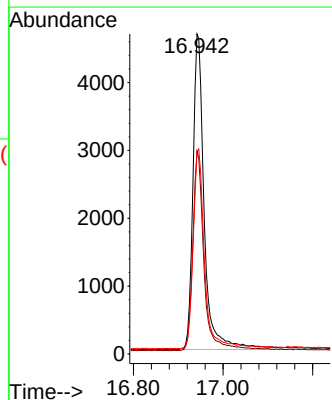
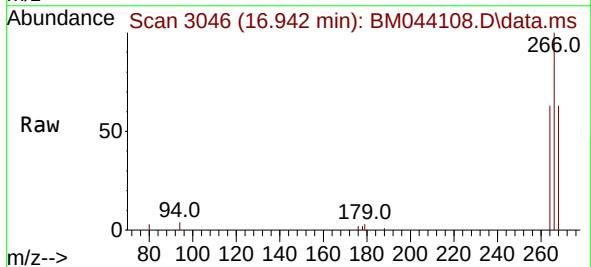
Instrument :
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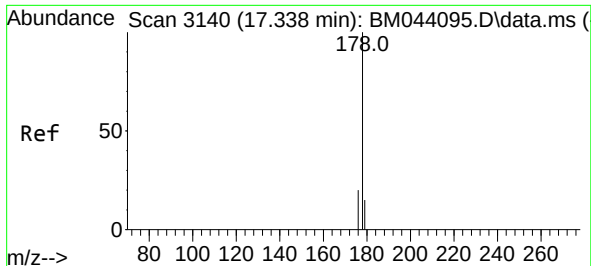
Tgt Ion:166 Resp: 21241
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.8 119.6
 167 13.8 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.849 ng/ul
 RT: 16.942 min Scan# 3046
 Delta R.T. -0.004 min
 Lab File: BM044108.D
 Acq: 15 Feb 2024 19:09

Tgt Ion:266 Resp: 8187
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.4 74.0
 268 64.2 52.1 78.1

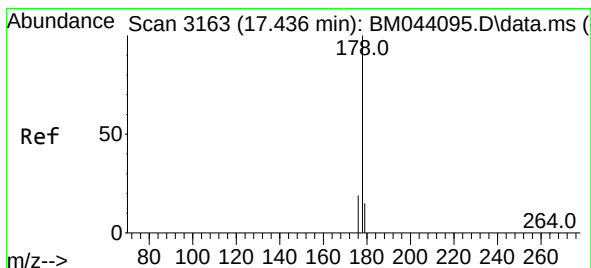
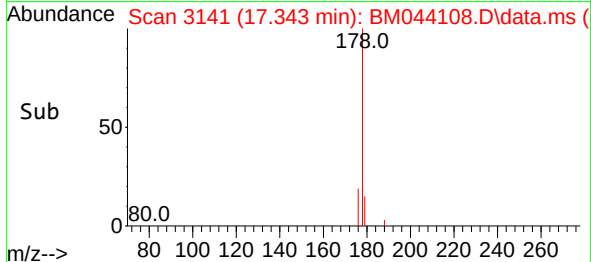
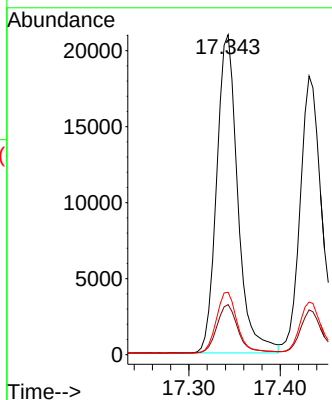
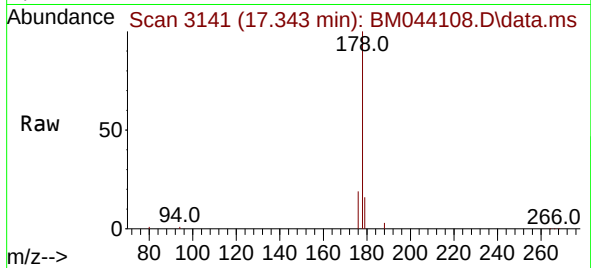




#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. 0.004 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

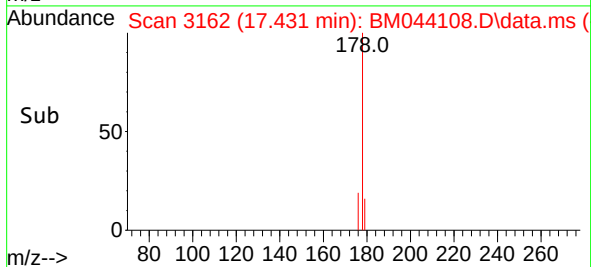
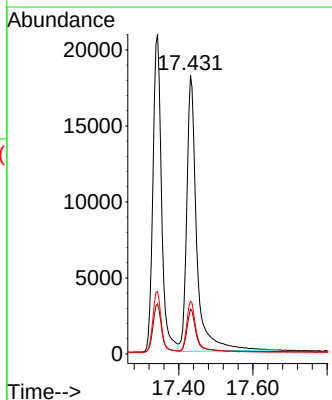
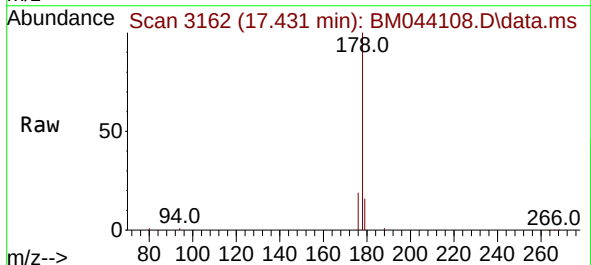
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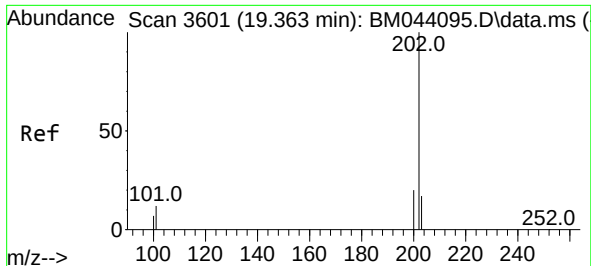
Tgt Ion:178 Resp: 33602
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.5 16.0 24.0



#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

Tgt Ion:178 Resp: 34043
Ion Ratio Lower Upper
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179 16.1 12.8 19.2
176 18.9 15.3 22.9

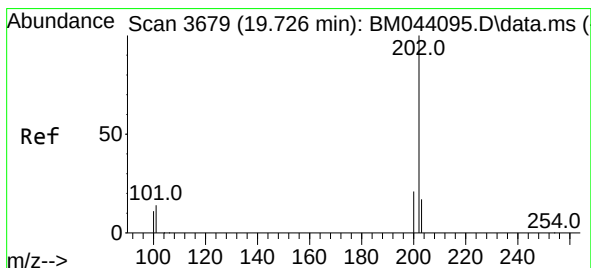
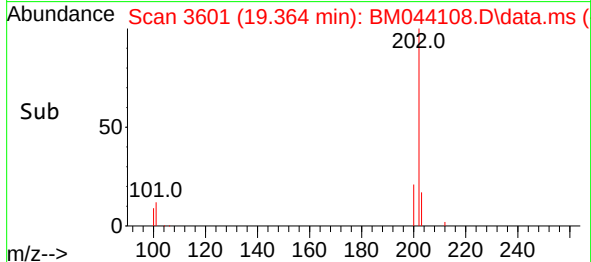
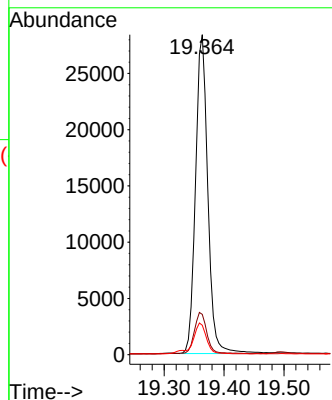
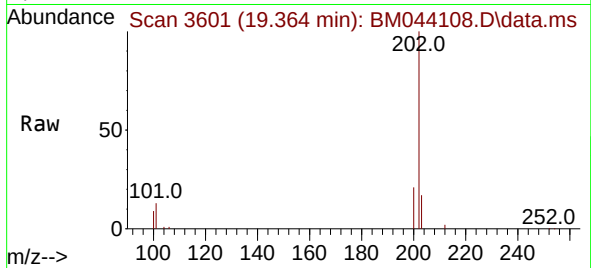




#19
Fluoranthene
Concen: 0.438 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

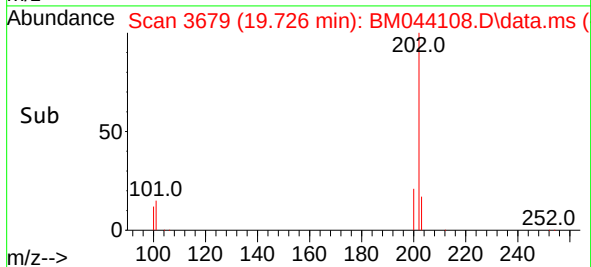
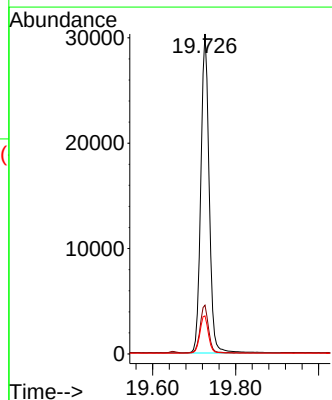
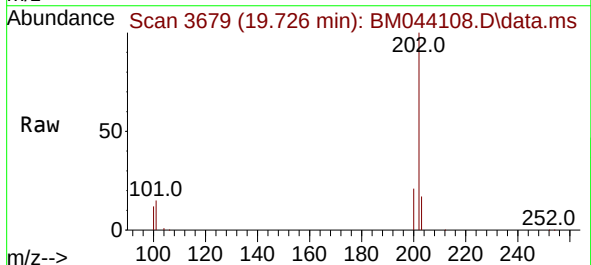
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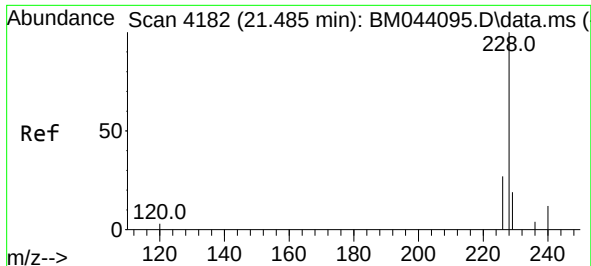
Tgt Ion:202 Resp: 40314
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.6
100 9.2 7.0 10.4



#20
Pyrene
Concen: 0.438 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

Tgt Ion:202 Resp: 42404
Ion Ratio Lower Upper
202 100
101 15.2 11.2 16.8
100 11.9 8.6 13.0

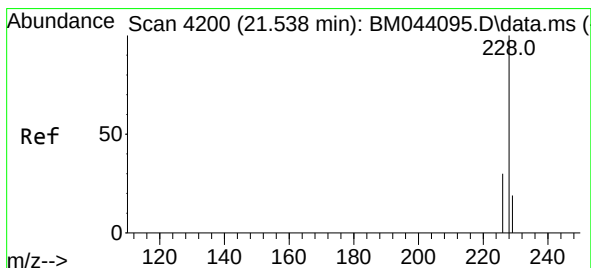
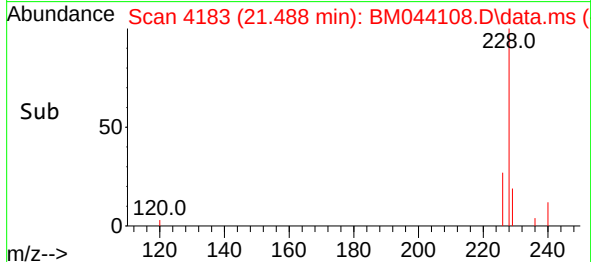
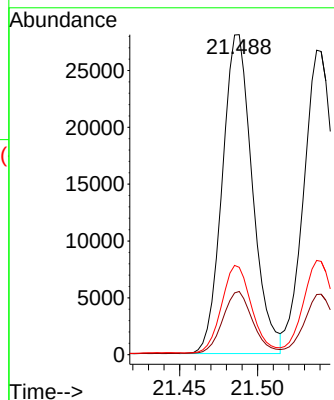
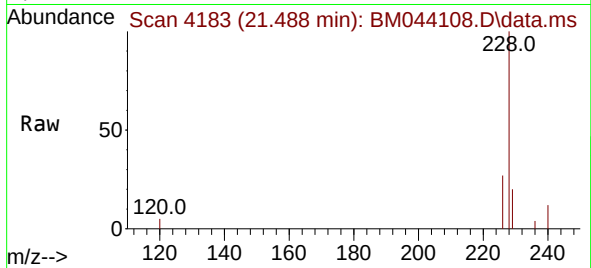




#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.488 min Scan# 4182
Delta R.T. 0.003 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

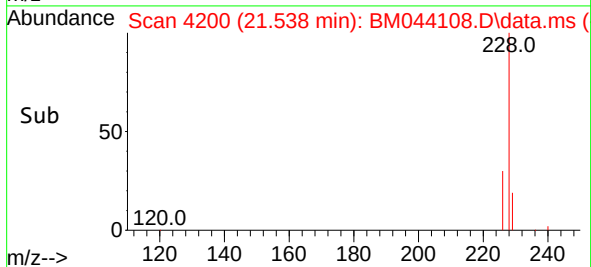
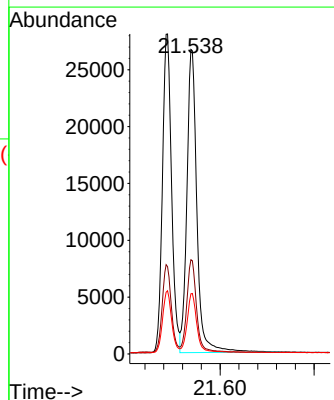
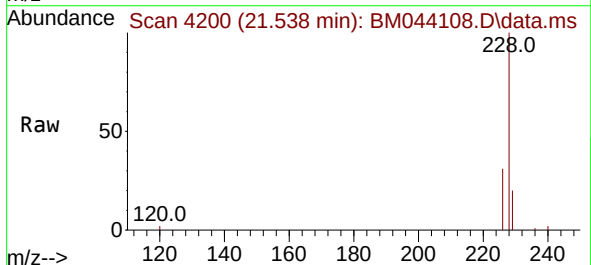
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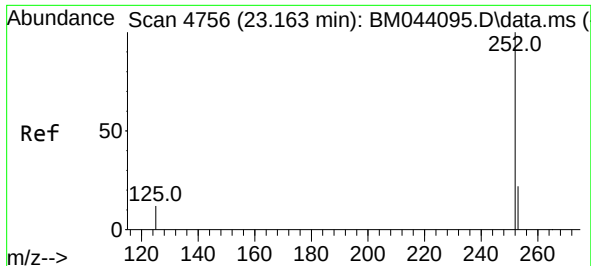
Tgt Ion:228 Resp: 37789
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.2
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.538 min Scan# 4200
Delta R.T. 0.000 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

Tgt Ion:228 Resp: 39367
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 19.8 15.8 23.6

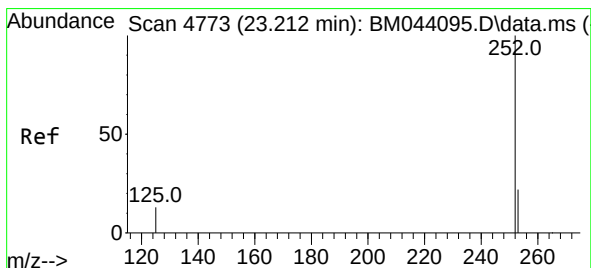
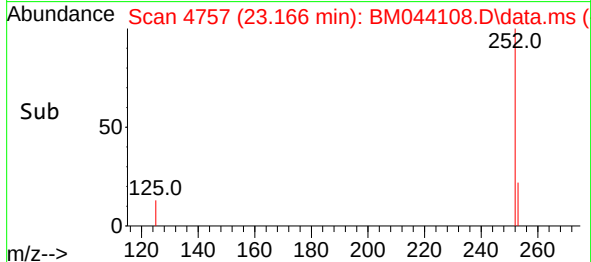
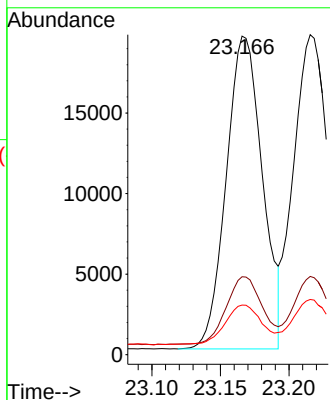
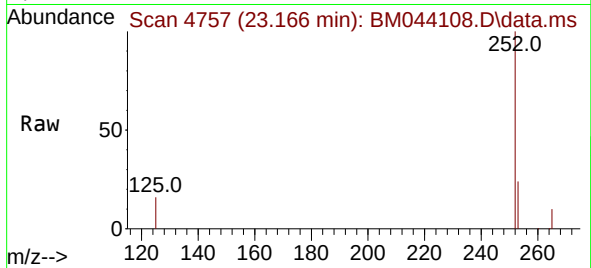




#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 23.166 min Scan# 4756
Delta R.T. 0.003 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

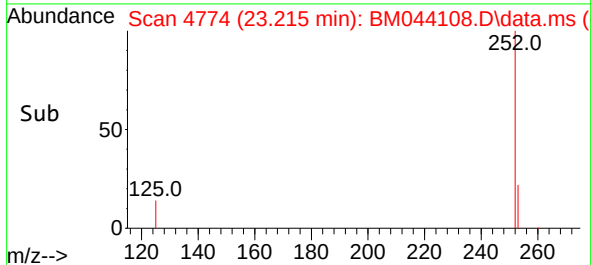
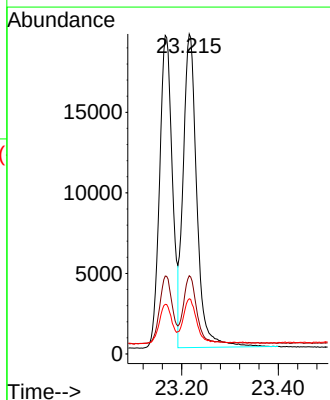
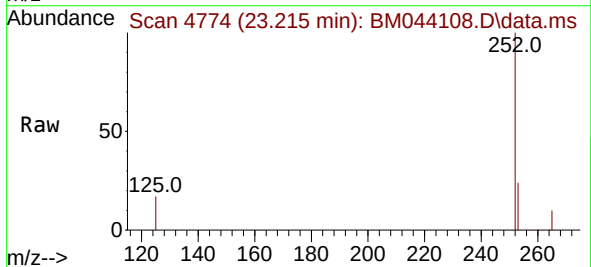
Instrument :
BNA_M
ClientSampleId :
SLCS894

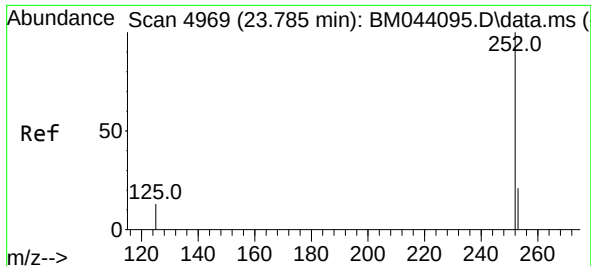
Tgt Ion:252 Resp: 35623
Ion Ratio Lower Upper
252 100
253 24.5 0.0 50.0
125 15.6 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.409 ng/ul
RT: 23.215 min Scan# 4774
Delta R.T. 0.003 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

Tgt Ion:252 Resp: 38142
Ion Ratio Lower Upper
252 100
253 24.4 20.1 30.1
125 17.3 12.3 18.5

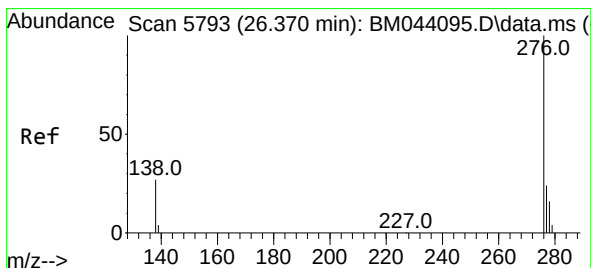
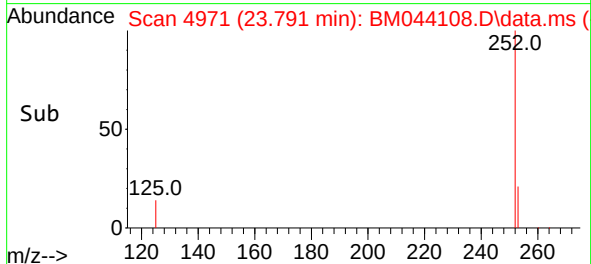
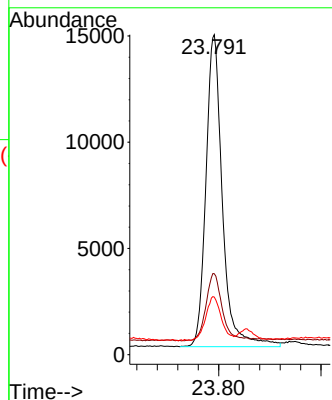
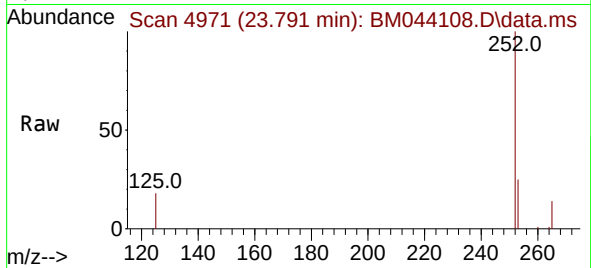




#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.791 min Scan# 4971
Delta R.T. 0.006 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

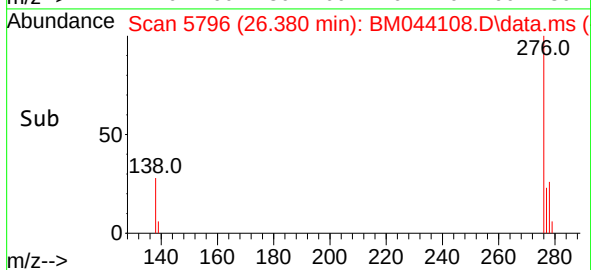
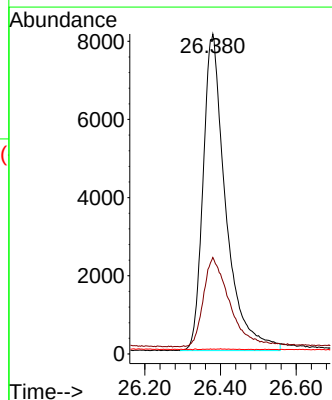
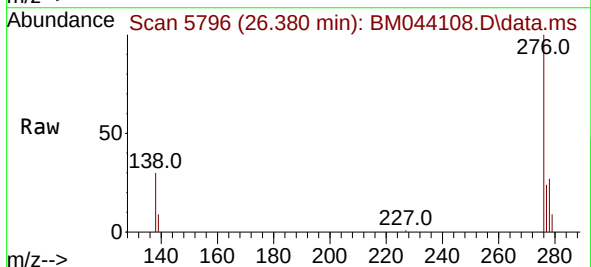
Instrument :
BNA_M
ClientSampleId :
SLCS894

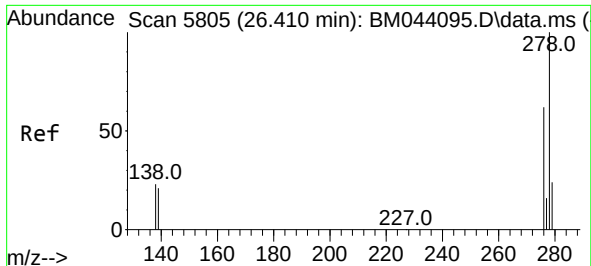
Tgt Ion:	252	Resp:	32909
Ion Ratio	Lower	Upper	
252	100		
253	25.3	21.4	32.2
125	18.0	13.3	19.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng/ul
RT: 26.380 min Scan# 5796
Delta R.T. 0.010 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

Tgt Ion:	276	Resp:	33710
Ion Ratio	Lower	Upper	
276	100		
138	32.3	25.2	37.8
227	0.0	0.1	0.1

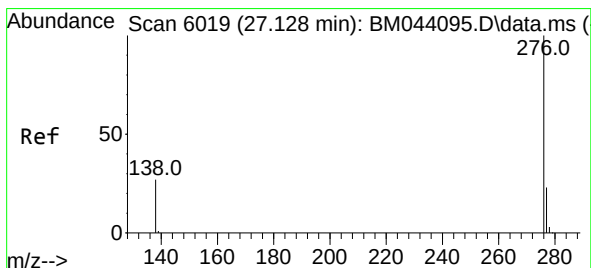
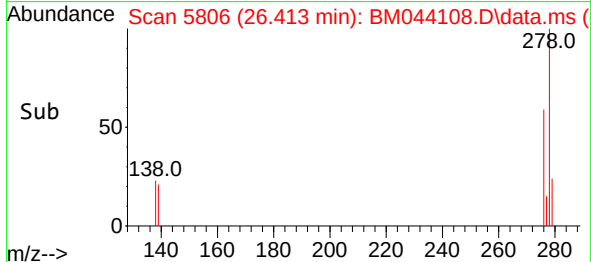
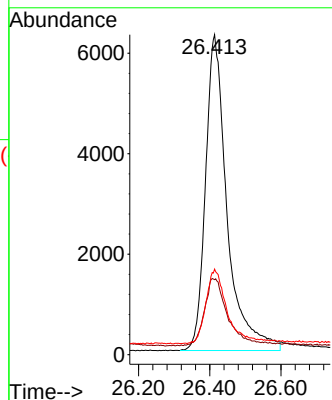
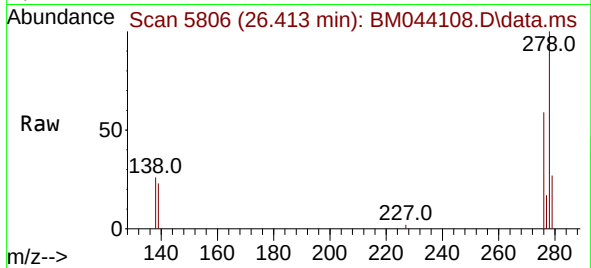




#28
Dibenzo(a,h)anthracene
Concen: 0.331 ng/ul
RT: 26.413 min Scan# 5805
Delta R.T. 0.003 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

Instrument :
BNA_M
ClientSampleId :
SLCS894

Tgt Ion:278 Resp: 26513
Ion Ratio Lower Upper
278 100
139 23.5 17.8 26.8
279 26.8 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 27.134 min Scan# 6021
Delta R.T. 0.007 min
Lab File: BM044108.D
Acq: 15 Feb 2024 19:09

Tgt Ion:276 Resp: 27891
Ion Ratio Lower Upper
276 100
138 30.5 22.7 34.1
277 24.3 19.0 28.6

