

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022124\
 Data File : BM044259.D
 Acq On : 23 Feb 2024 03:16
 Operator : MA/JU
 Sample : PB159097BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS097

Quant Time: Feb 23 04:08:08 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)

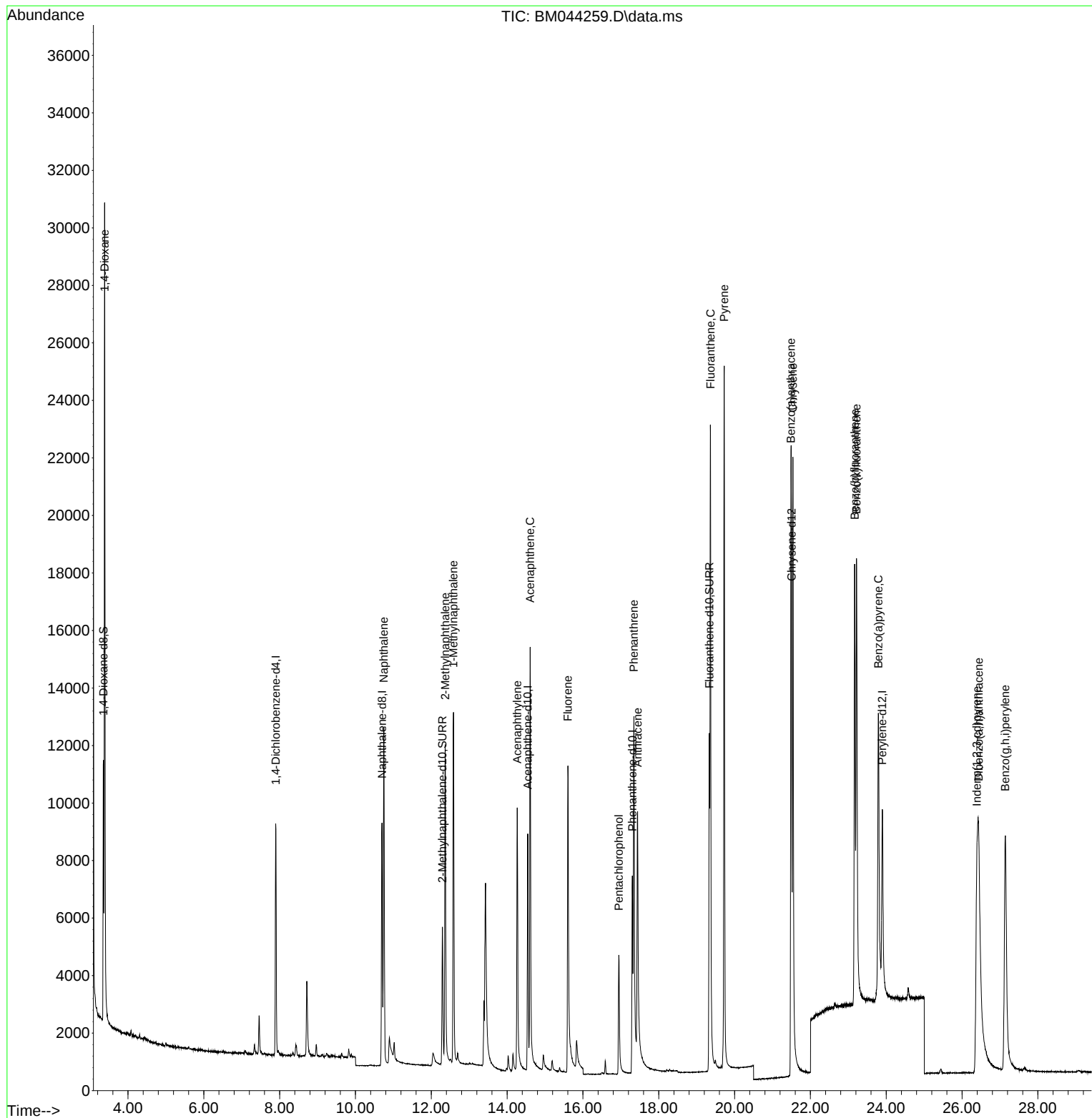
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4282	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	12376	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.544	164	5228	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	11862	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	9925	0.400	ng/ul	0.00
23) Perylene-d12	23.896	264	11127	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5419	0.894	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	7454	0.430	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	14511	0.490	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	17260	2.848	ng/ul#	73
5) Naphthalene	10.748	128	16884	0.459	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	9702	0.428	ng/ul	99
8) 1-Methylnaphthalene	12.585	142	9421	0.410	ng/ul	99
10) Acenaphthylene	14.266	152	13936	0.485	ng/ul	99
11) Acenaphthene	14.608	153	9849	0.473	ng/ul	98
12) Fluorene	15.603	166	10278	0.438	ng/ul	99
14) Pentachlorophenol	16.947	266	3847	0.906	ng/ul	98
15) Phenanthrene	17.344	178	16478	0.438	ng/ul	99
16) Anthracene	17.441	178	17480	0.470	ng/ul	99
19) Fluoranthene	19.364	202	22080	0.488	ng/ul	100
20) Pyrene	19.727	202	23260	0.489	ng/ul	99
21) Benzo(a)anthracene	21.484	228	19872	0.437	ng/ul	100
22) Chrysene	21.537	228	25033	0.511	ng/ul	100
24) Benzo(b)fluoranthene	23.168	252	22617	0.493	ng/ul	98
25) Benzo(k)fluoranthene	23.215	252	26072	0.523	ng/ul	98
26) Benzo(a)pyrene	23.791	252	20773	0.487	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.389	276	24702	0.455	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.436	278	19071	0.446	ng/ul	96
29) Benzo(g,h,i)perylene	27.140	276	22584	0.470	ng/ul	98

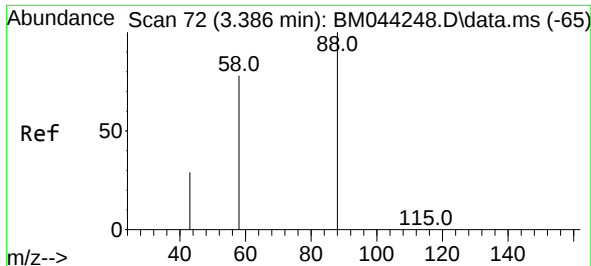
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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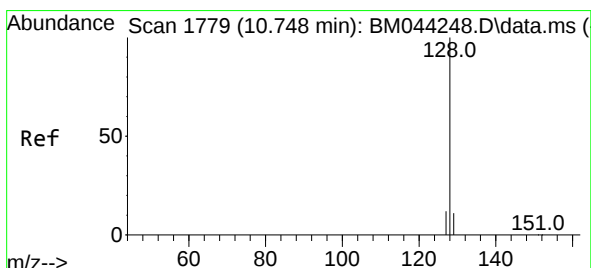
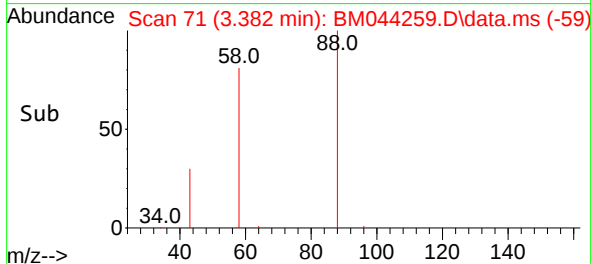
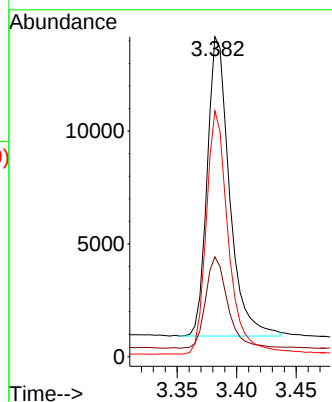
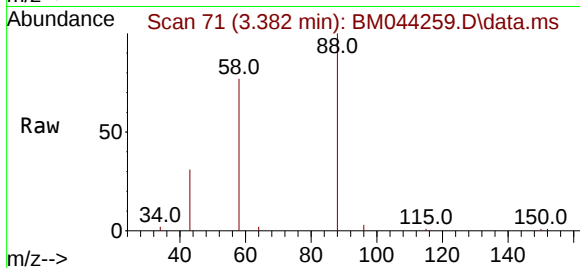




#2
1,4-Dioxane
Concen: 2.848 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.008 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

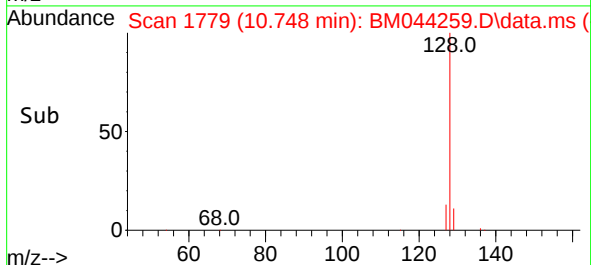
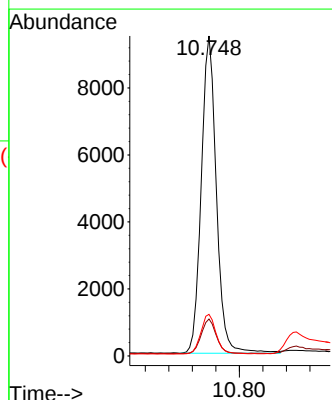
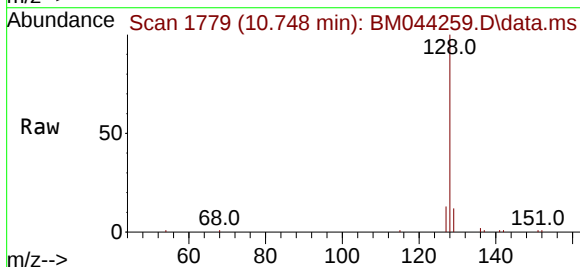
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BNA_M
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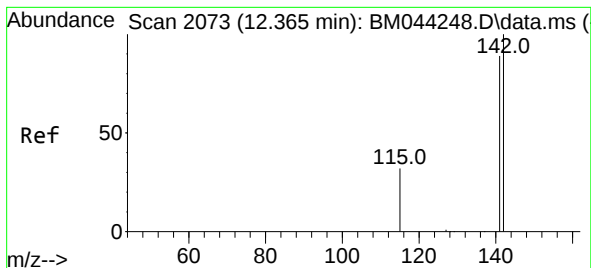
Tgt Ion: 88 Resp: 17260
Ion Ratio Lower Upper
88 100
43 31.2 32.2 48.2#
58 76.8 40.6 60.8#



#5
Naphthalene
Concen: 0.459 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

Tgt Ion: 128 Resp: 16884
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.0 10.7 16.1

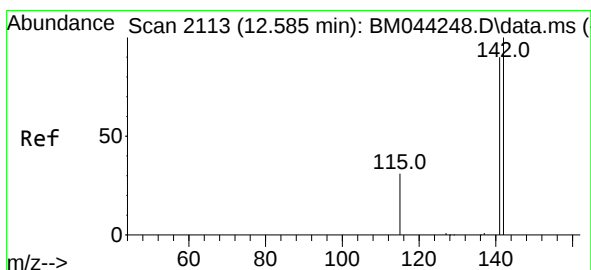
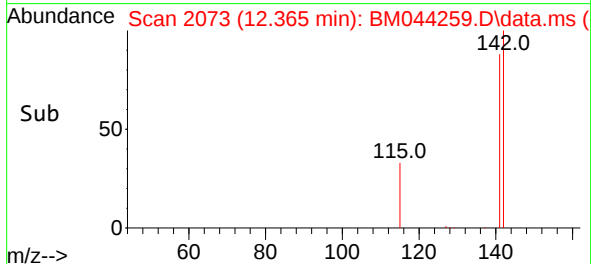
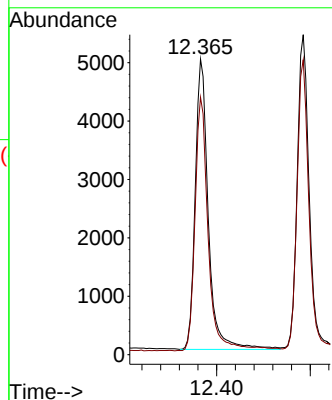
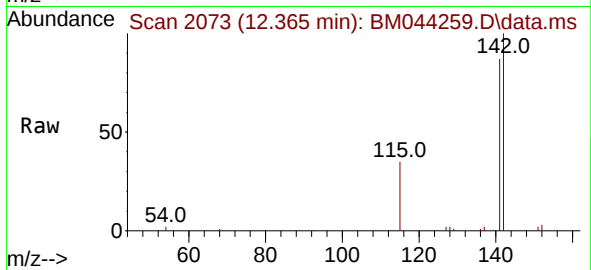




#7
2-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

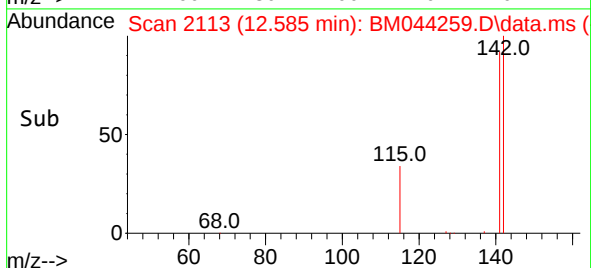
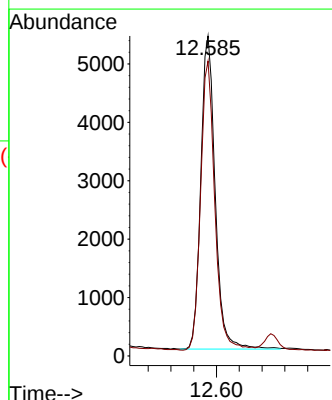
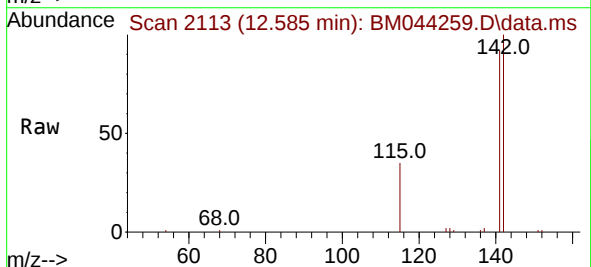
Instrument :
BNA_M
ClientSampleId :
SLCS097

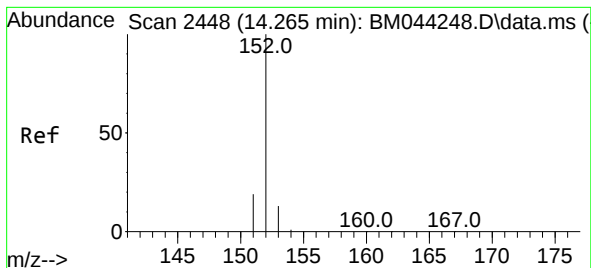
Tgt Ion:142 Resp: 9702
Ion Ratio Lower Upper
142 100
141 88.7 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

Tgt Ion:142 Resp: 9421
Ion Ratio Lower Upper
142 100
141 91.2 72.5 108.7





#10

Acenaphthylene

Concen: 0.485 ng/ul

RT: 14.266 min Scan# 2448

Delta R.T. -0.004 min

Lab File: BM044259.D

Acq: 23 Feb 2024 03:16

Instrument :

BNA_M

ClientSampleId :

SLCS097

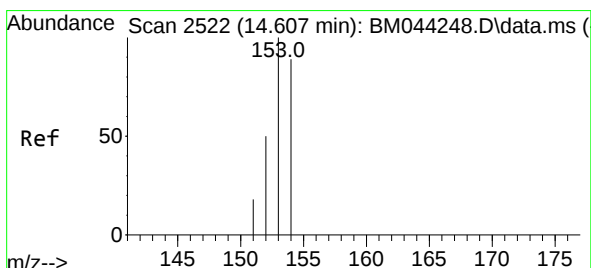
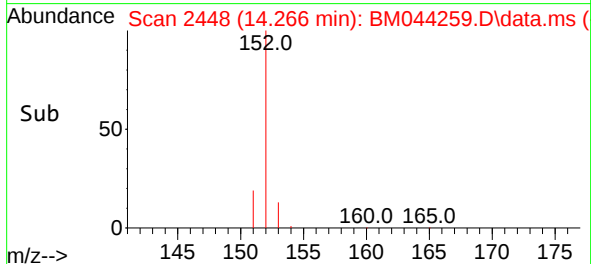
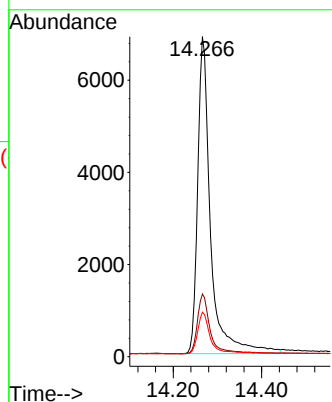
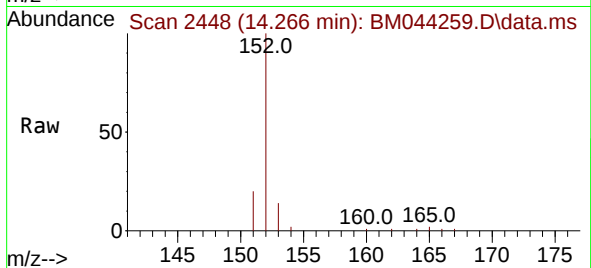
Tgt Ion:152 Resp: 13936

Ion Ratio Lower Upper

152 100

151 19.6 15.5 23.3

153 13.9 10.8 16.2



#11

Acenaphthene

Concen: 0.473 ng/ul

RT: 14.608 min Scan# 2522

Delta R.T. 0.001 min

Lab File: BM044259.D

Acq: 23 Feb 2024 03:16

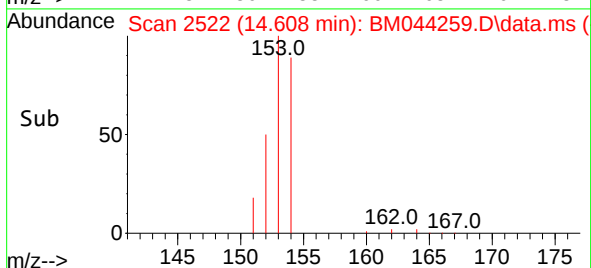
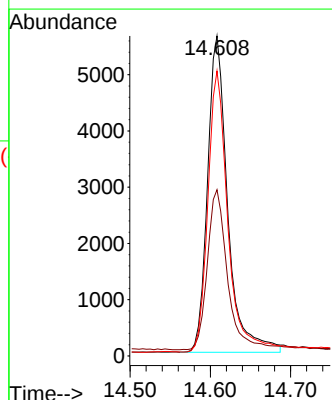
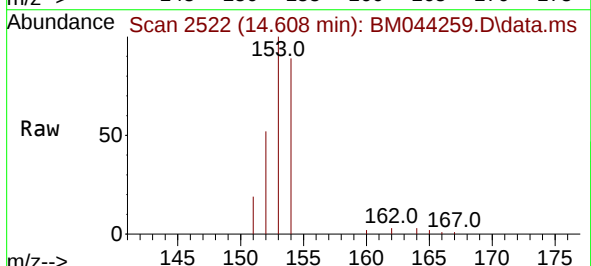
Tgt Ion:153 Resp: 9849

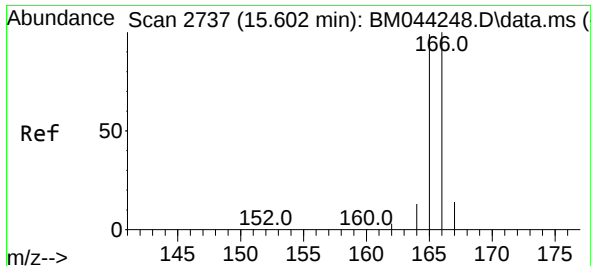
Ion Ratio Lower Upper

153 100

152 51.9 40.6 61.0

154 89.0 70.1 105.1

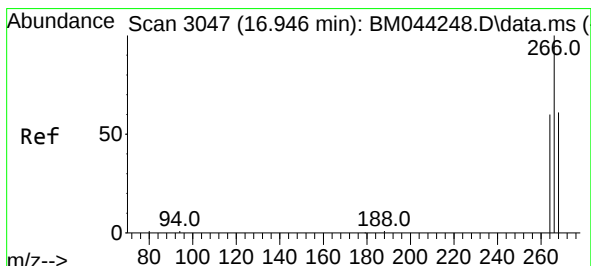
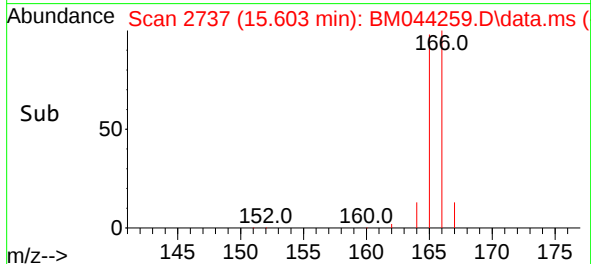
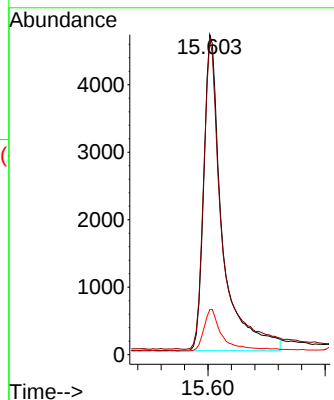
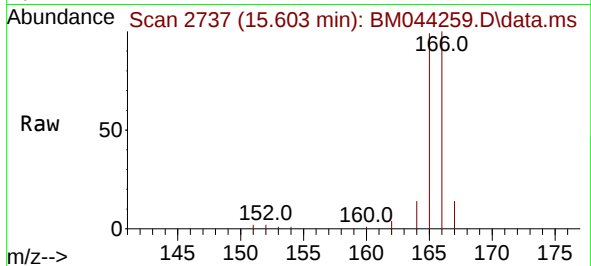




#12
 Fluorene
 Concen: 0.438 ng/ul
 RT: 15.603 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM044259.D
 Acq: 23 Feb 2024 03:16

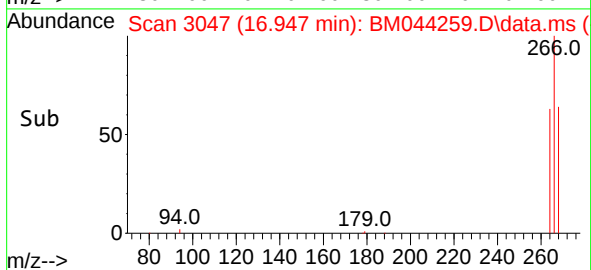
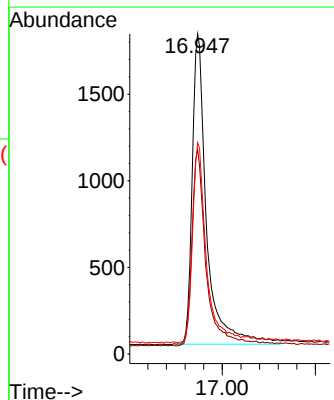
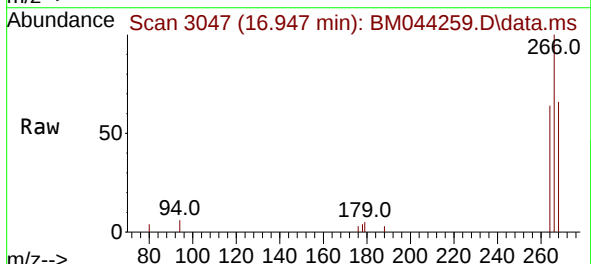
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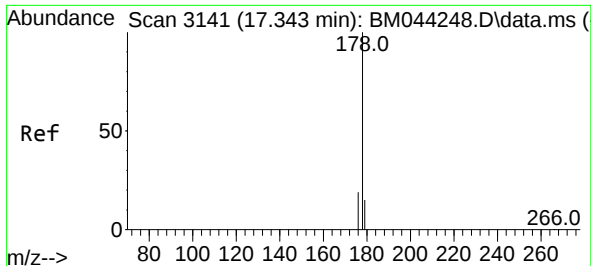
Tgt Ion:166 Resp: 10278
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.8 119.6
 167 14.0 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.906 ng/ul
 RT: 16.947 min Scan# 3047
 Delta R.T. 0.001 min
 Lab File: BM044259.D
 Acq: 23 Feb 2024 03:16

Tgt Ion:266 Resp: 3847
 Ion Ratio Lower Upper
 266 100
 264 63.1 49.4 74.0
 268 63.9 52.1 78.1

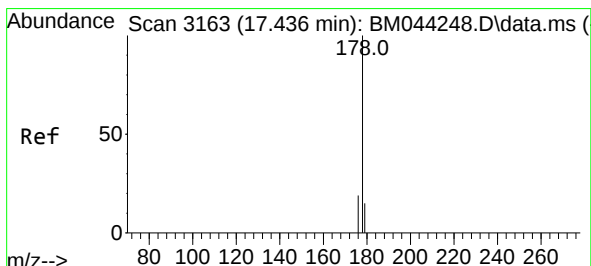
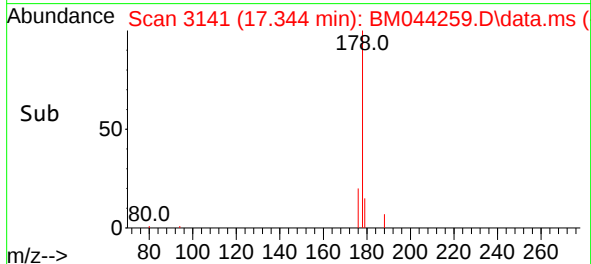
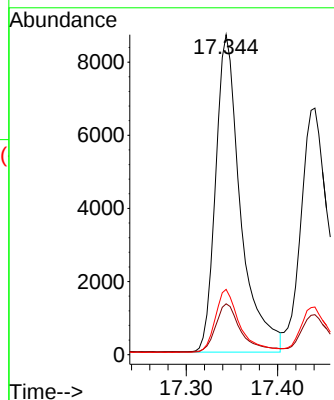
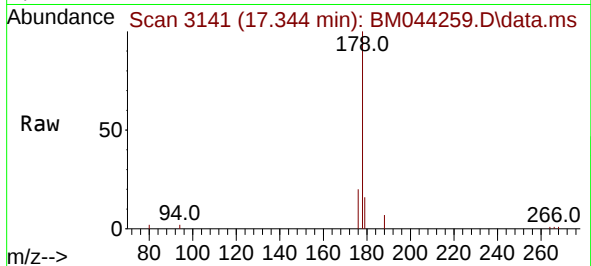




#15
Phenanthrene
Concen: 0.438 ng/u1
RT: 17.344 min Scan# 3141
Delta R.T. 0.005 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

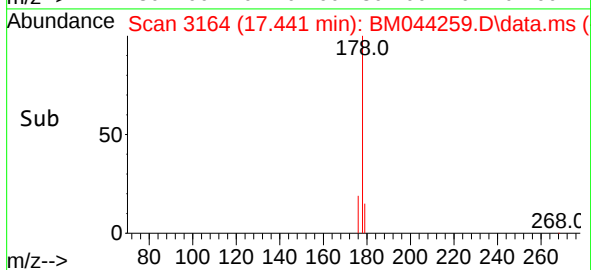
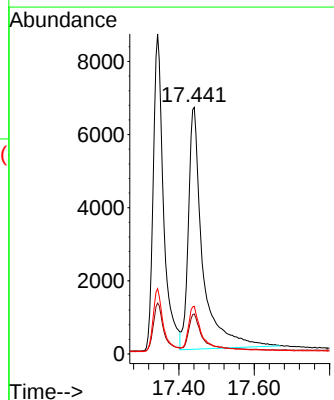
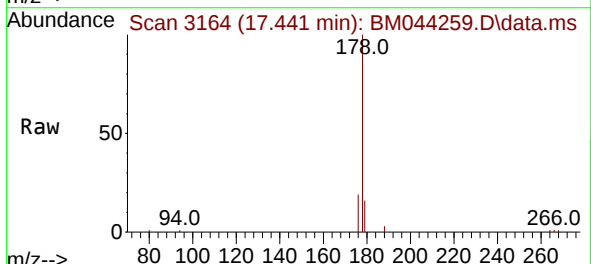
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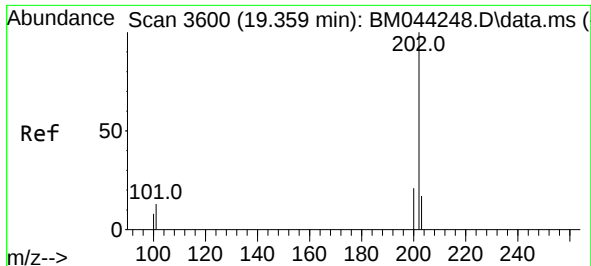
Tgt Ion:	178	Resp:	16478
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	20.4	16.0	24.0



#16
Anthracene
Concen: 0.470 ng/u1
RT: 17.441 min Scan# 3164
Delta R.T. 0.005 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

Tgt Ion:	178	Resp:	17480
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	19.3	15.3	22.9

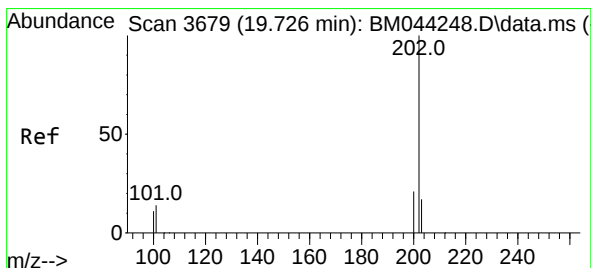
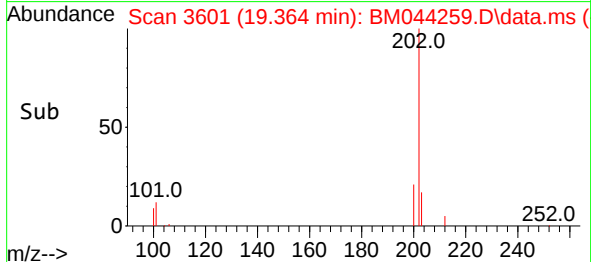
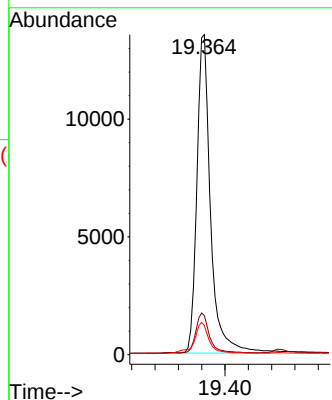
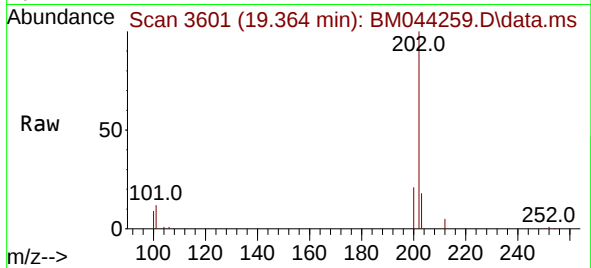




#19
Fluoranthene
Concen: 0.488 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.001 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

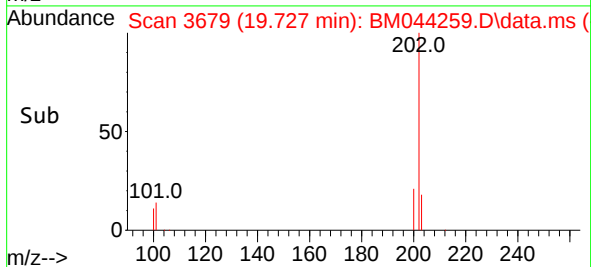
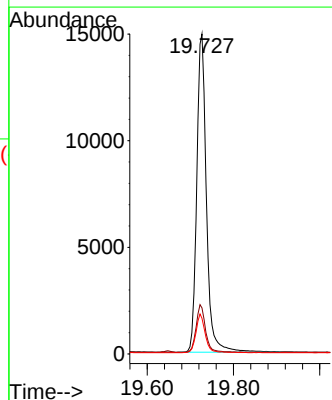
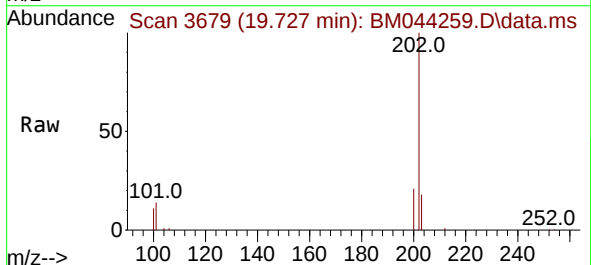
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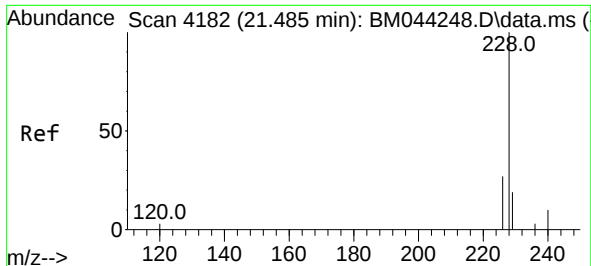
Tgt Ion:202 Resp: 22080
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.6
100 9.1 7.0 10.4



#20
Pyrene
Concen: 0.489 ng/ul
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

Tgt Ion:202 Resp: 23260
Ion Ratio Lower Upper
202 100
101 14.4 11.2 16.8
100 11.2 8.6 13.0

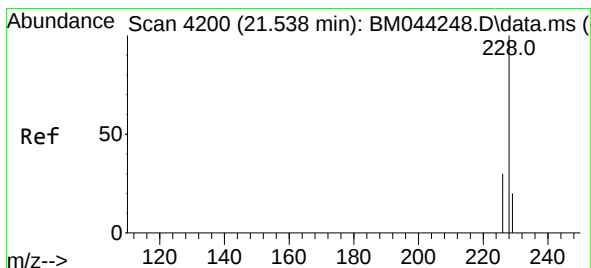
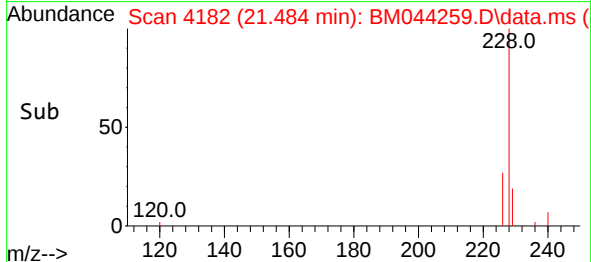
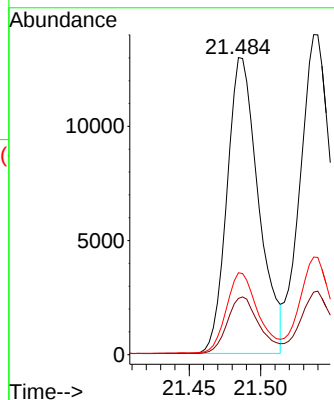
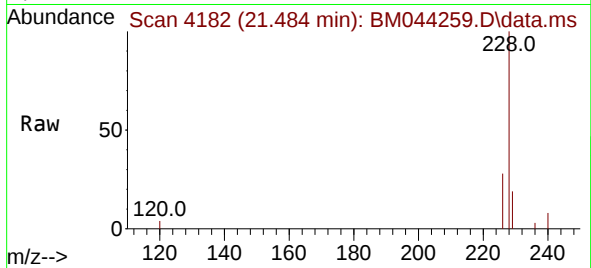




#21
Benzo(a)anthracene
Concen: 0.437 ng/ul
RT: 21.484 min Scan# 4182
Delta R.T. -0.001 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

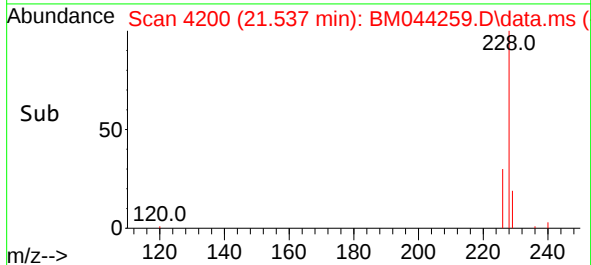
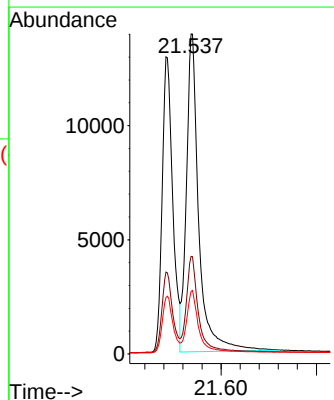
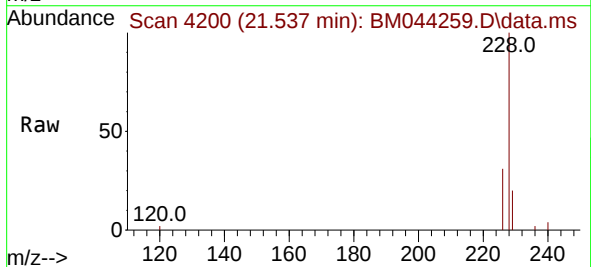
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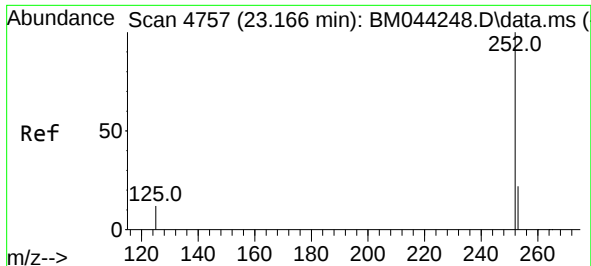
Tgt Ion:228 Resp: 19872
Ion Ratio Lower Upper
228 100
229 19.0 15.4 23.2
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.511 ng/ul
RT: 21.537 min Scan# 4200
Delta R.T. -0.001 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

Tgt Ion:228 Resp: 25033
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.6 15.8 23.6

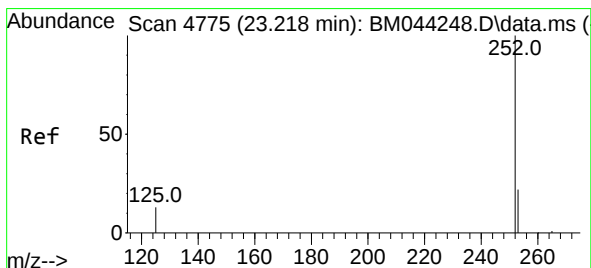
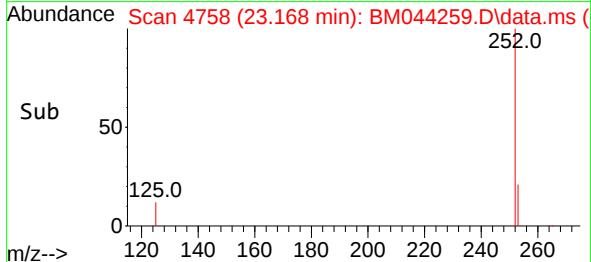
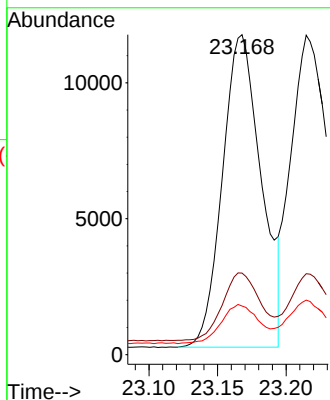
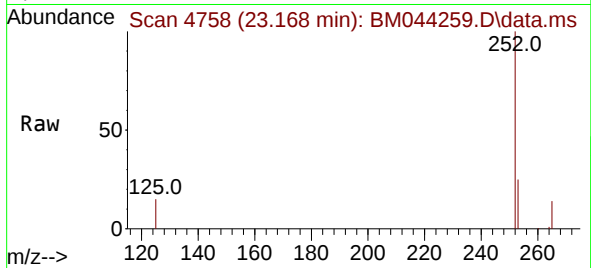




#24
Benzo(b)fluoranthene
Concen: 0.493 ng/ul
RT: 23.168 min Scan# 4757
Delta R.T. 0.005 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

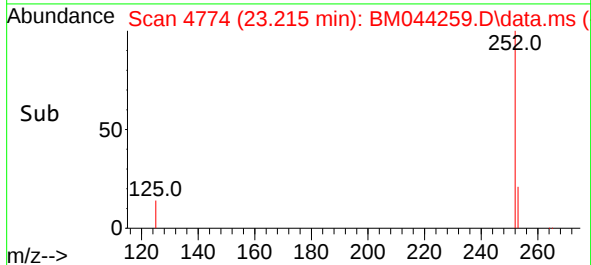
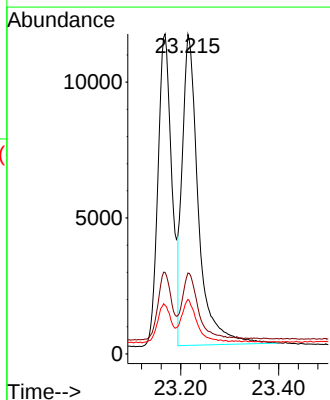
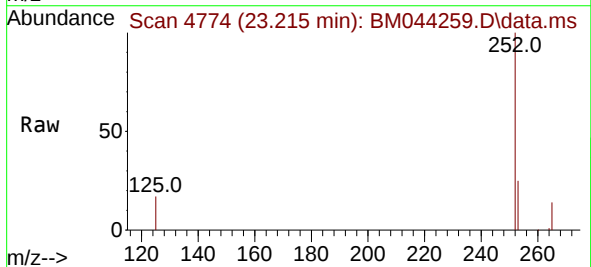
Instrument :
BNA_M
ClientSampleId :
SLCS097

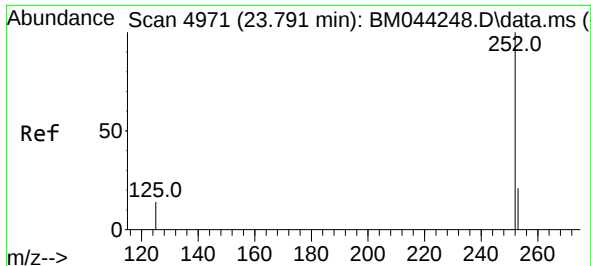
Tgt Ion:252 Resp: 22617
Ion Ratio Lower Upper
252 100
253 25.5 0.0 50.0
125 15.2 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.523 ng/ul
RT: 23.215 min Scan# 4774
Delta R.T. 0.002 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

Tgt Ion:252 Resp: 26072
Ion Ratio Lower Upper
252 100
253 25.4 20.1 30.1
125 17.1 12.3 18.5

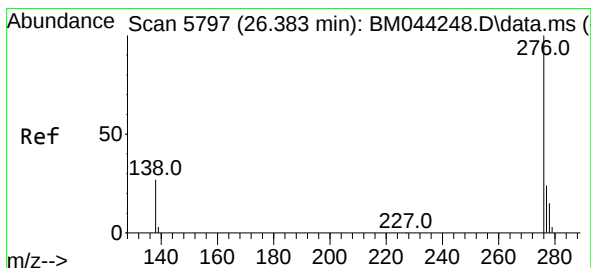
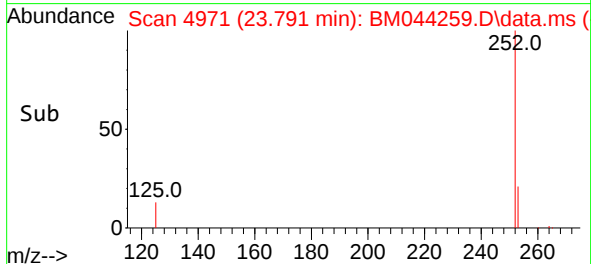
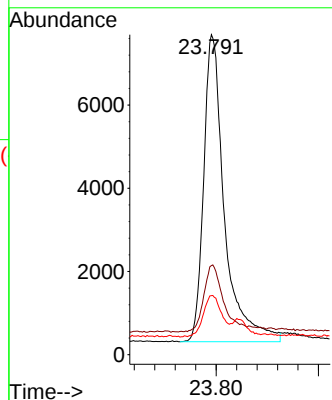
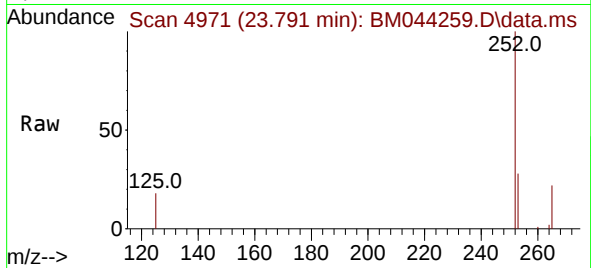




#26
Benzo(a)pyrene
Concen: 0.487 ng/ul
RT: 23.791 min Scan# 4971
Delta R.T. 0.005 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

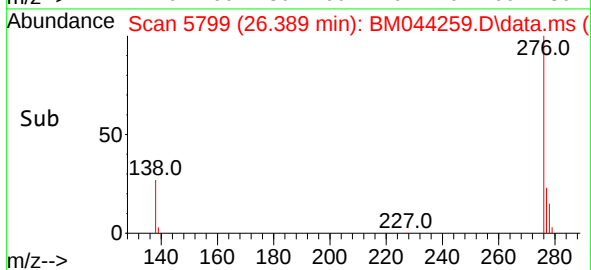
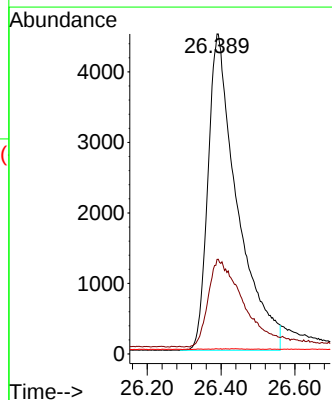
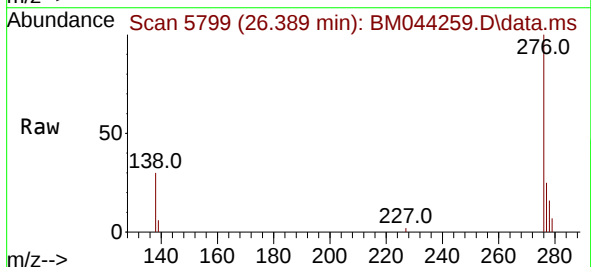
Instrument :
BNA_M
ClientSampleId :
SLCS097

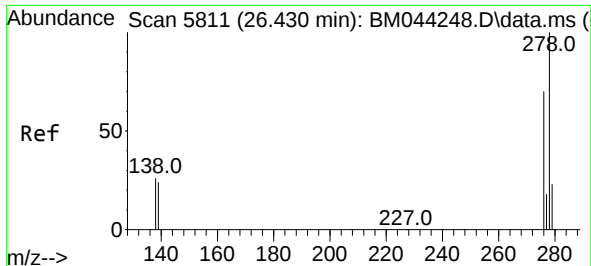
Tgt Ion:	252	Resp:	20773
Ion Ratio	Lower	Upper	
252	100		
253	27.9	21.4	32.2
125	18.4	13.3	19.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.455 ng/ul
RT: 26.389 min Scan# 5799
Delta R.T. 0.019 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

Tgt Ion:	276	Resp:	24702
Ion Ratio	Lower	Upper	
276	100		
138	32.8	25.2	37.8
227	0.0	0.1	0.1

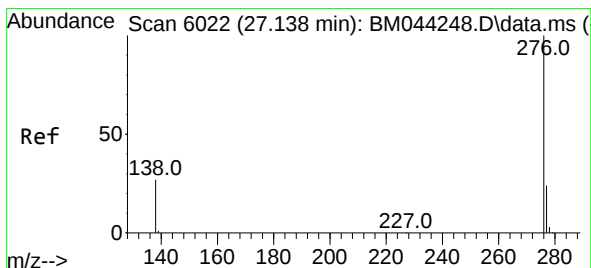
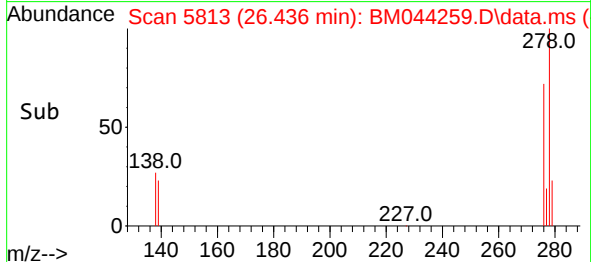
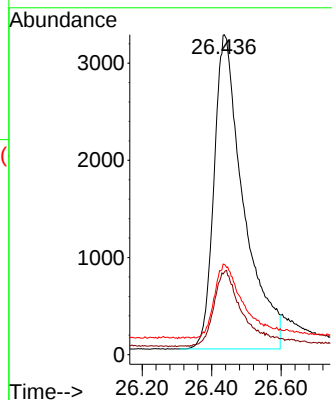
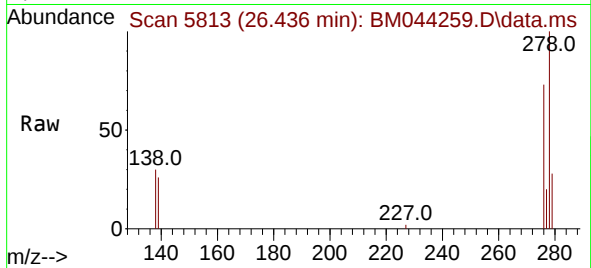




#28
Dibenzo(a,h)anthracene
Concen: 0.446 ng/ul
RT: 26.436 min Scan# 5811
Delta R.T. 0.026 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

Instrument :
BNA_M
ClientSampleId :
SLCS097

Tgt Ion:278 Resp: 19071
Ion Ratio Lower Upper
278 100
139 25.7 17.8 26.8
279 28.3 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.470 ng/ul
RT: 27.140 min Scan# 6023
Delta R.T. 0.013 min
Lab File: BM044259.D
Acq: 23 Feb 2024 03:16

Tgt Ion:276 Resp: 22584
Ion Ratio Lower Upper
276 100
138 29.5 22.7 34.1
277 24.9 19.0 28.6

