

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042067.D
 Acq On : 26 Sep 2023 12:39
 Operator : MA/JU
 Sample : PB155688BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS688

Quant Time: Sep 27 04:25:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

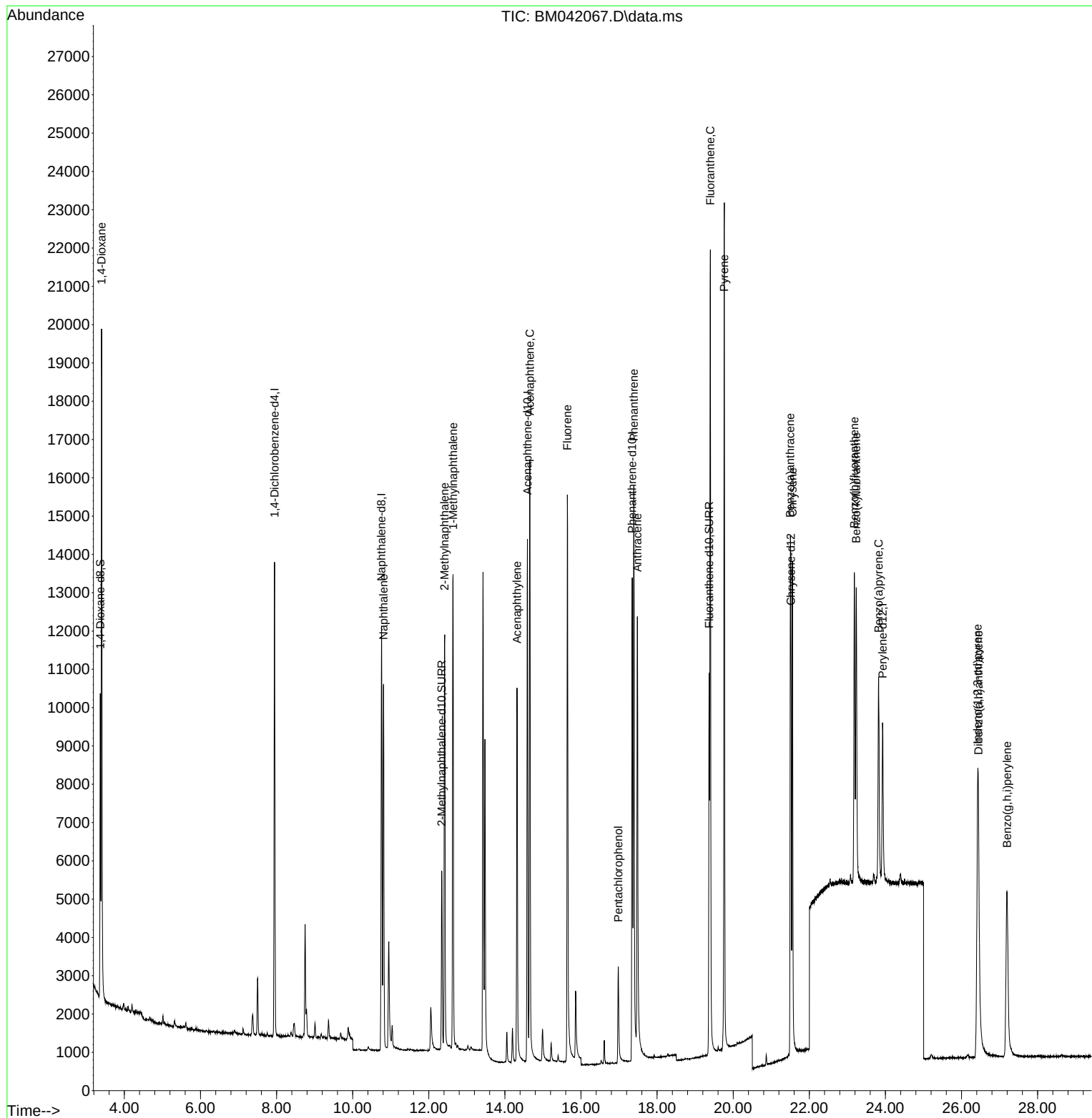
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	6095	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	14853	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.592	164	7288	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	14860	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	6218	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	6008	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	4551	0.548	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	6183	0.332	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	9497	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	10837	1.240	ng/ul#	86
5) Naphthalene	10.812	128	13517	0.272	ng/ul	99
7) 2-Methylnaphthalene	12.418	142	8194	0.276	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	8726	0.290	ng/ul	99
10) Acenaphthylene	14.319	152	12515	0.256	ng/ul	100
11) Acenaphthene	14.657	153	9718	0.260	ng/ul	99
12) Fluorene	15.642	166	10982	0.260	ng/ul	98
14) Pentachlorophenol	16.978	266	2057	0.262	ng/ul	99
15) Phenanthrene	17.388	178	17333	0.251	ng/ul	100
16) Anthracene	17.481	178	15025	0.252	ng/ul	99
19) Fluoranthene	19.399	202	18358	0.261	ng/ul	98
20) Pyrene	19.766	202	18716	0.271	ng/ul	97
21) Benzo(a)anthracene	21.501	228	11177	0.237	ng/ul	99
22) Chrysene	21.556	228	11749	0.241	ng/ul	99
24) Benzo(b)fluoranthene	23.181	252	11017	0.238	ng/ul	91
25) Benzo(k)fluoranthene	23.234	252	10594	0.236	ng/ul#	90
26) Benzo(a)pyrene	23.819	252	9134	0.240	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.421	276	12373	0.237	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.445	278	9054	0.240	ng/ul	94
29) Benzo(g,h,i)perylene	27.196	276	10811	0.246	ng/ul	98

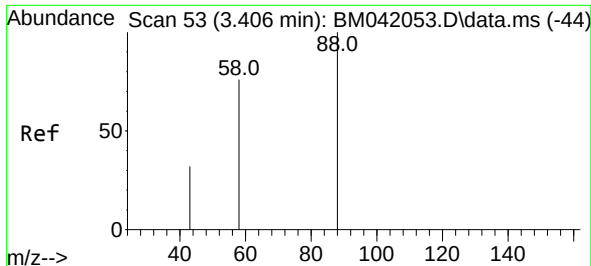
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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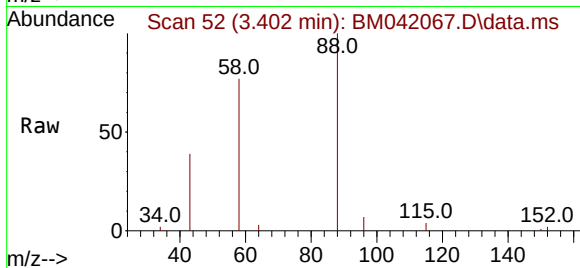
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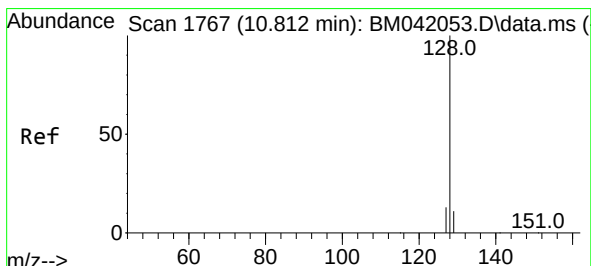
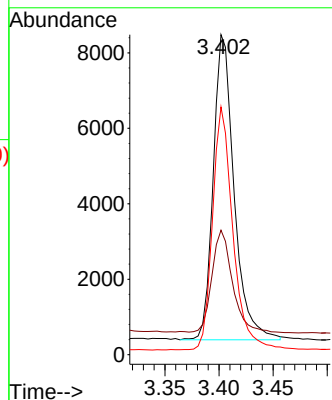
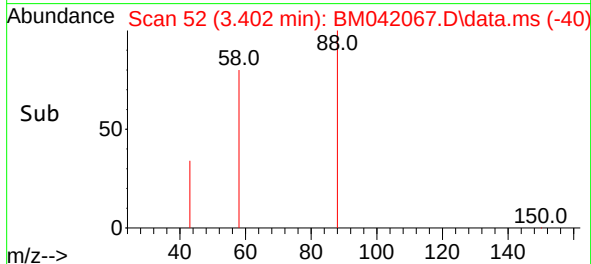


#2
1,4-Dioxane
Concen: 1.240 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

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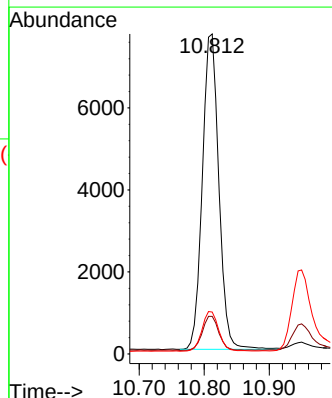
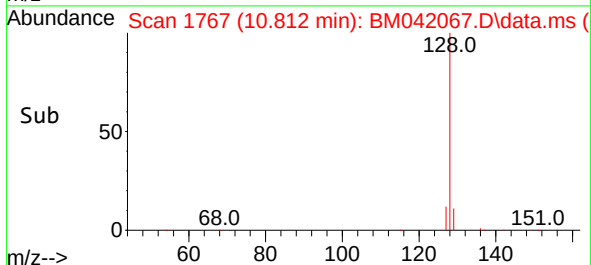
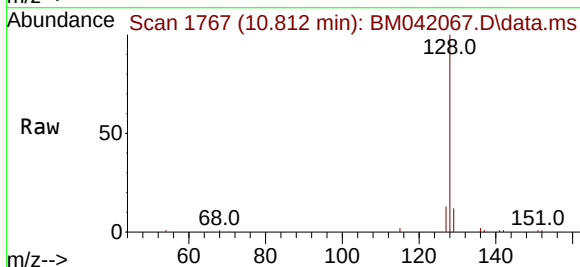


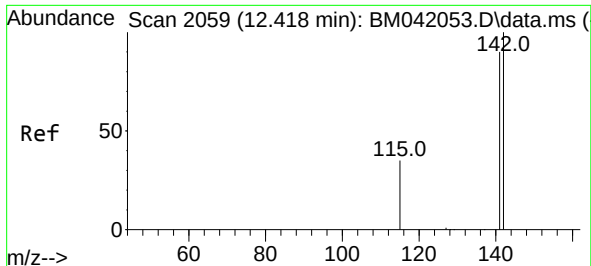
Tgt Ion: 88 Resp: 10837
Ion Ratio Lower Upper
88 100
43 38.9 42.9 64.3#
58 77.4 56.4 84.6



#5
Naphthalene
Concen: 0.272 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

Tgt Ion: 128 Resp: 13517
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.1 10.8 16.2

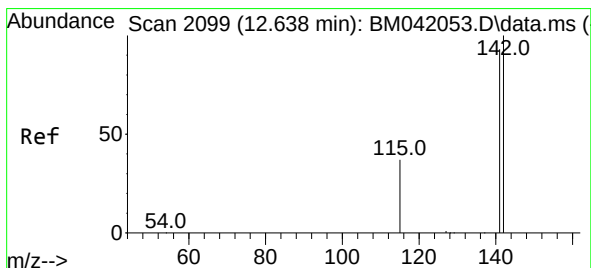
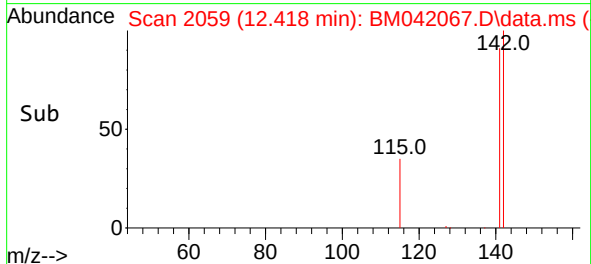
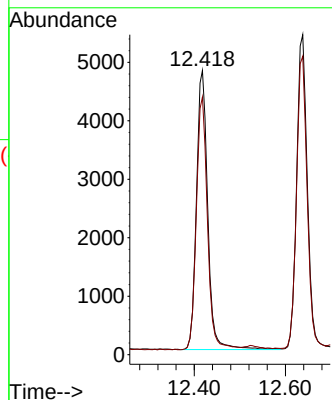
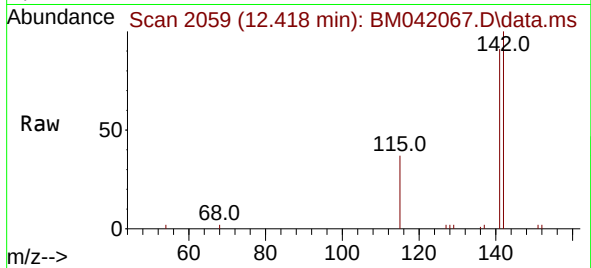




#7
2-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

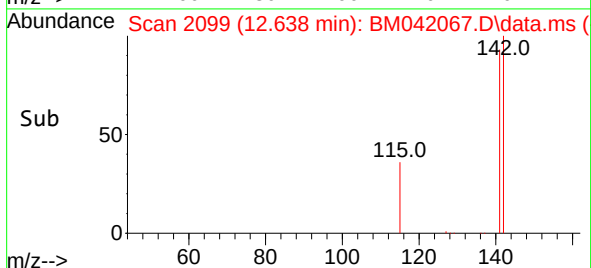
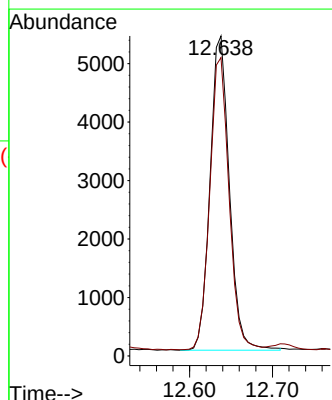
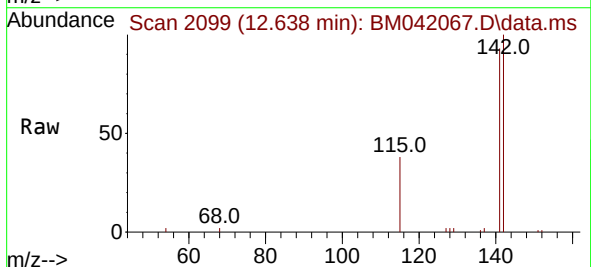
Instrument :
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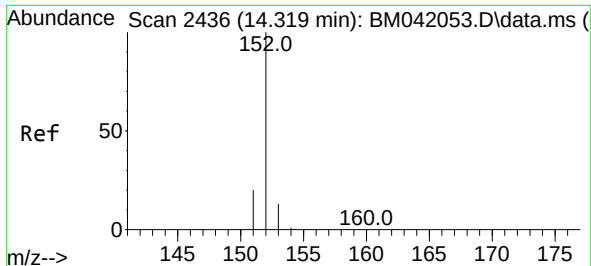
Tgt Ion:142 Resp: 8194
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

Tgt Ion:142 Resp: 8726
Ion Ratio Lower Upper
142 100
141 92.6 75.1 112.7

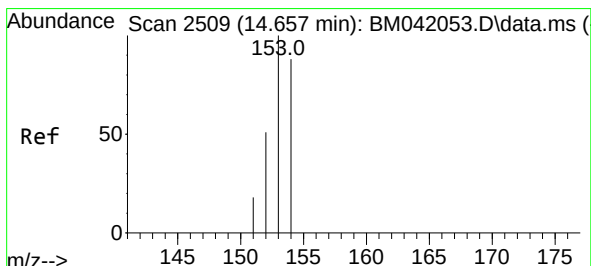
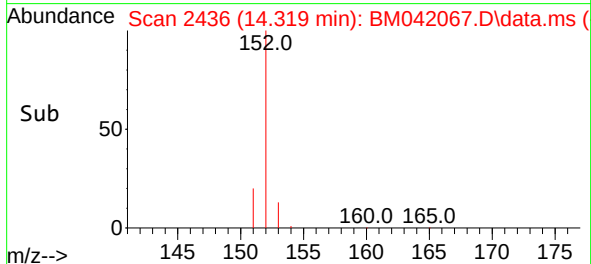
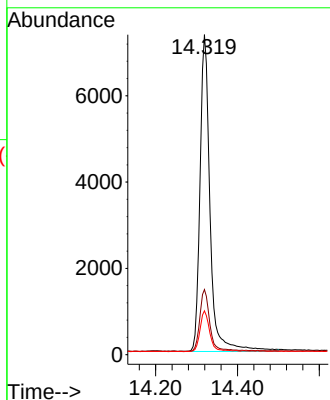
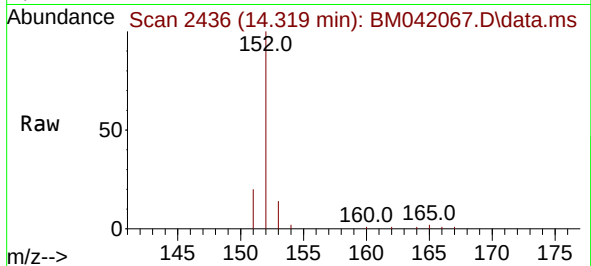




#10
Acenaphthylene
Concen: 0.256 ng/ul
RT: 14.319 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

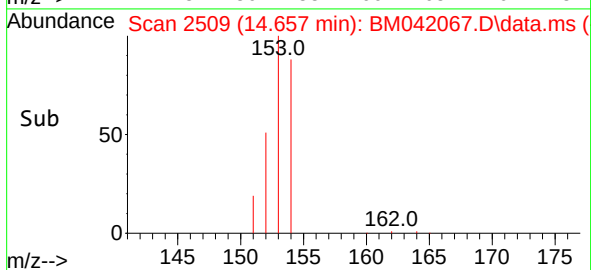
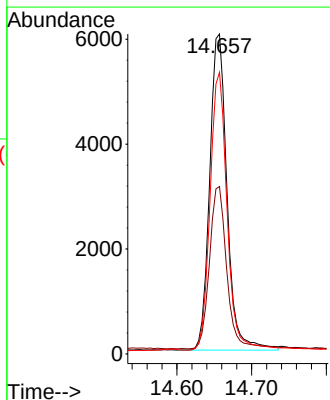
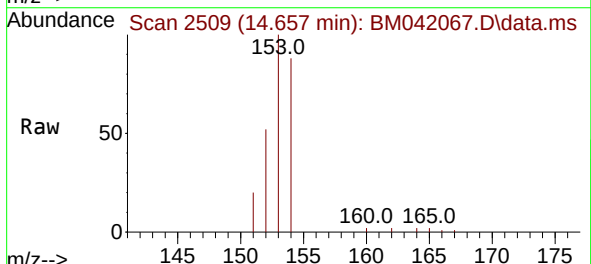
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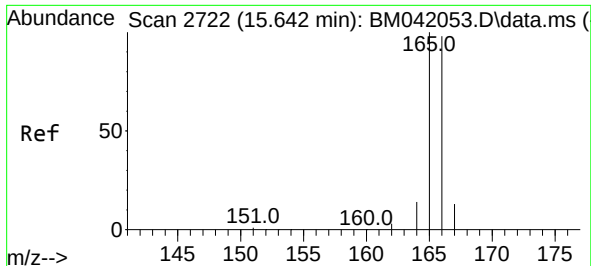
Tgt Ion:	152	Resp:	12515
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	13.7	10.8	16.2



#11
Acenaphthene
Concen: 0.260 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

Tgt Ion:	153	Resp:	9718
Ion Ratio	Lower	Upper	
153	100		
152	52.3	41.8	62.8
154	88.0	69.0	103.6

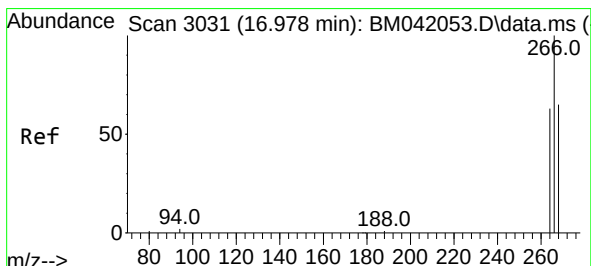
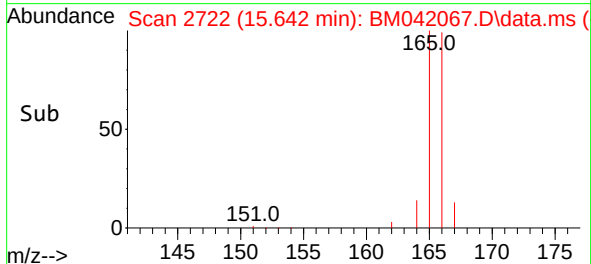
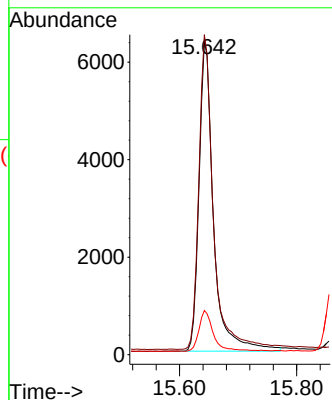
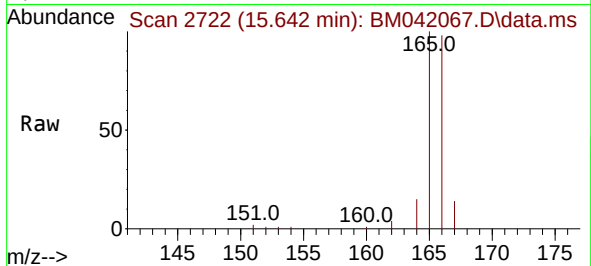




#12
Fluorene
Concen: 0.260 ng/ul
RT: 15.642 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

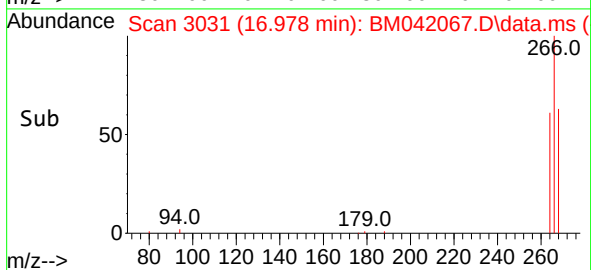
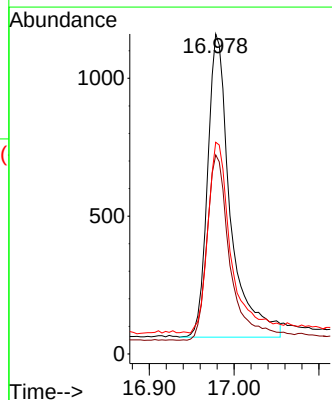
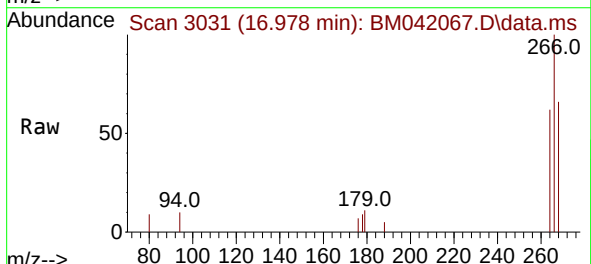
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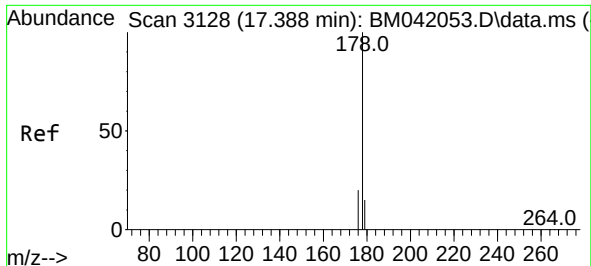
Tgt Ion:166 Resp: 10982
Ion Ratio Lower Upper
166 100
165 102.1 79.8 119.8
167 14.1 11.1 16.7



#14
Pentachlorophenol
Concen: 0.262 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.004 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

Tgt Ion:266 Resp: 2057
Ion Ratio Lower Upper
266 100
264 62.0 50.2 75.4
268 64.1 51.0 76.4

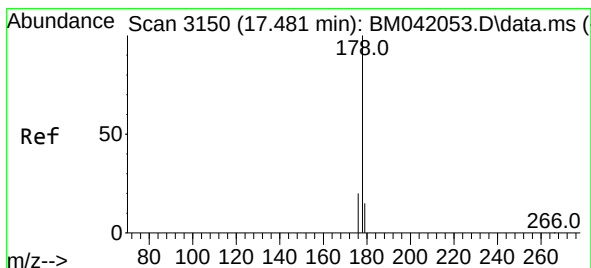
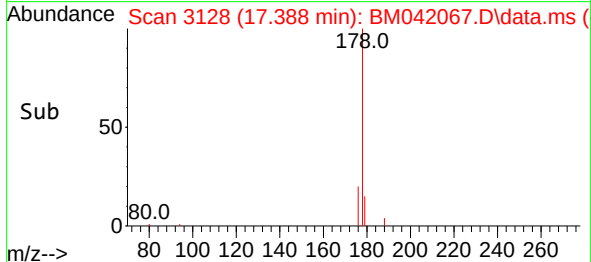
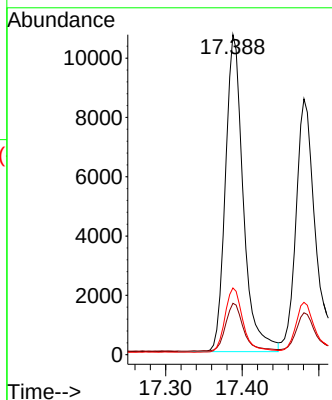
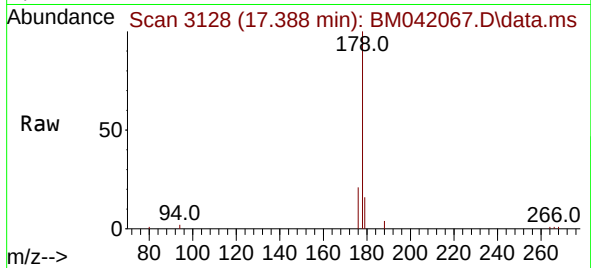




#15
Phenanthrene
Concen: 0.251 ng/ul
RT: 17.388 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

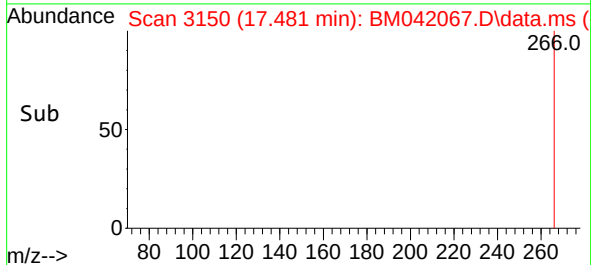
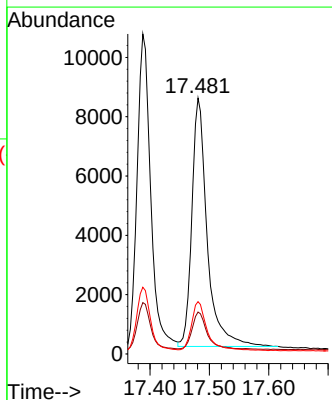
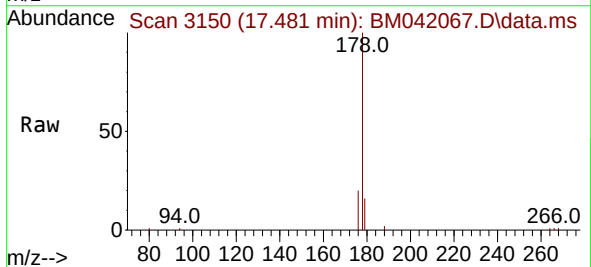
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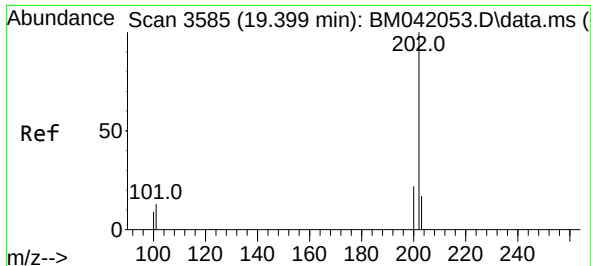
Tgt Ion:	178	Resp:	17333
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.7	19.1
176	20.8	16.6	24.8



#16
Anthracene
Concen: 0.252 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

Tgt Ion:	178	Resp:	15025
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	20.4	16.2	24.2

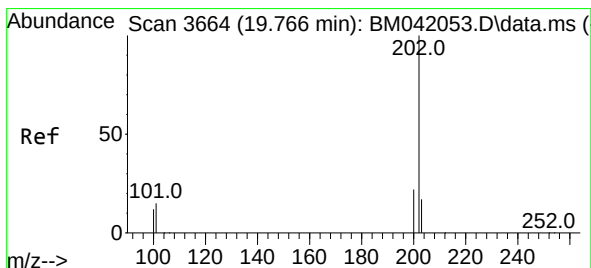
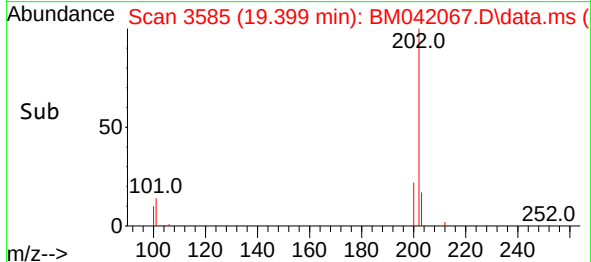
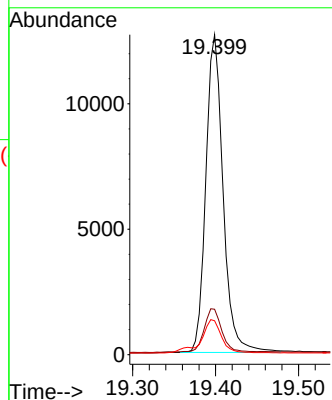
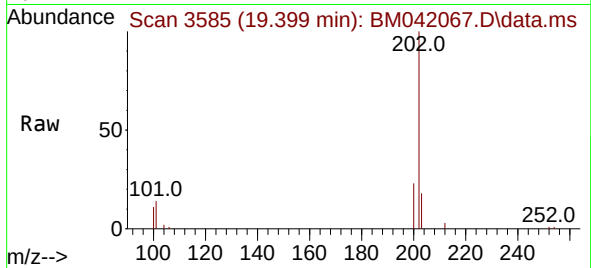




#19
Fluoranthene
Concen: 0.261 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

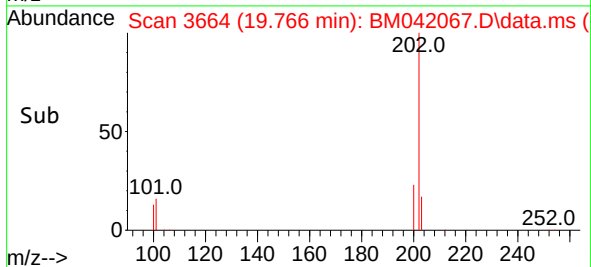
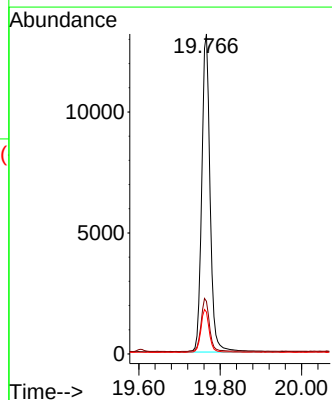
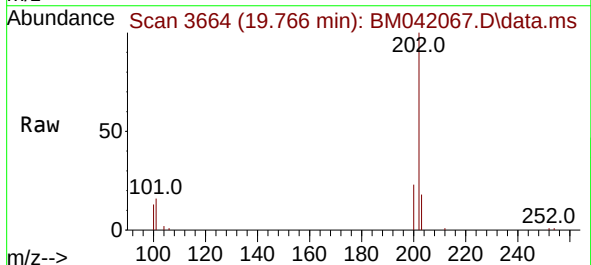
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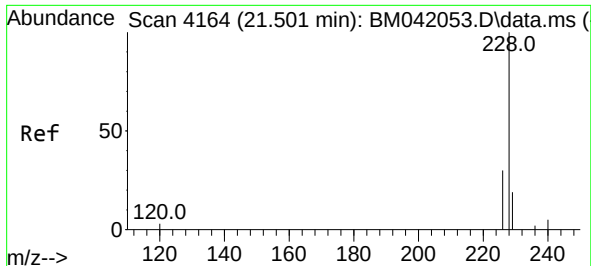
Tgt Ion:202 Resp: 18358
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 10.6 9.1 13.7



#20
Pyrene
Concen: 0.271 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

Tgt Ion:202 Resp: 18716
Ion Ratio Lower Upper
202 100
101 16.5 14.1 21.1
100 13.1 11.4 17.0

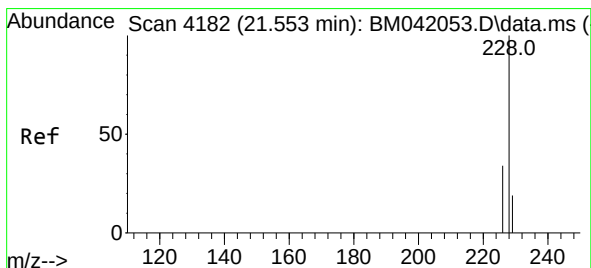
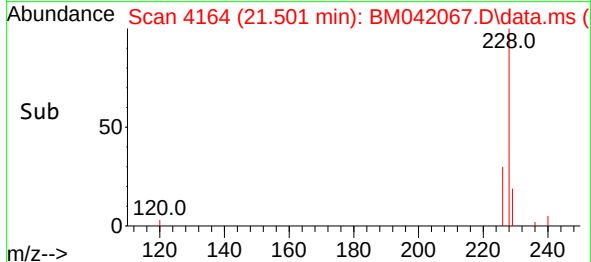
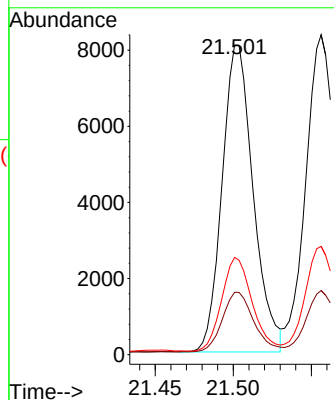
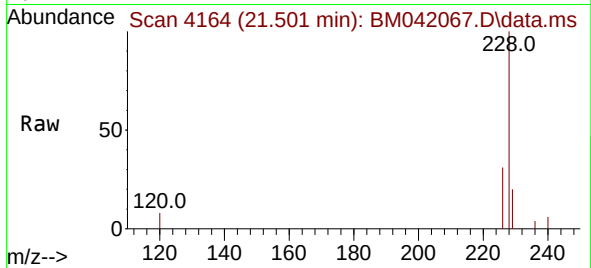




#21
Benzo(a)anthracene
Concen: 0.237 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

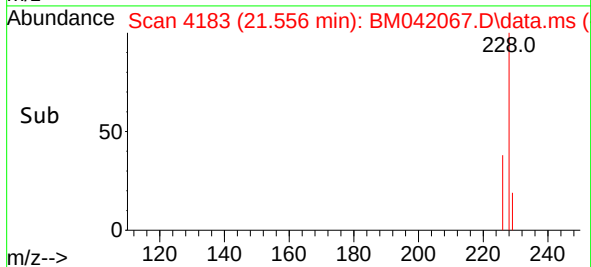
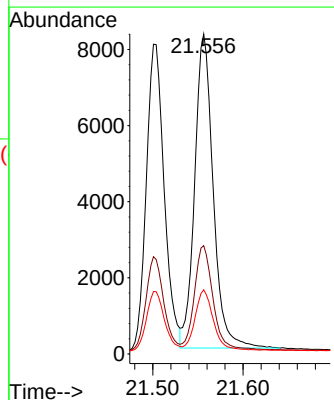
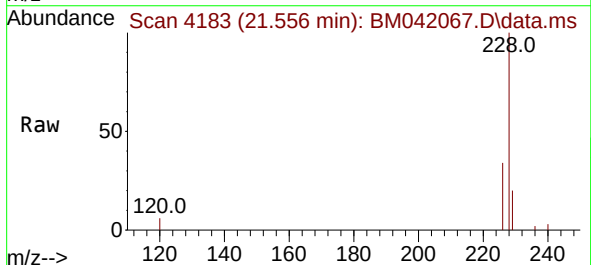
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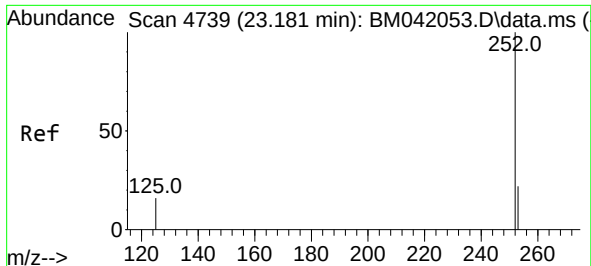
Tgt Ion:228 Resp: 11177
Ion Ratio Lower Upper
228 100
229 20.1 15.5 23.3
226 31.4 24.8 37.2



#22
Chrysene
Concen: 0.241 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

Tgt Ion:228 Resp: 11749
Ion Ratio Lower Upper
228 100
226 33.8 27.8 41.6
229 20.1 15.6 23.4

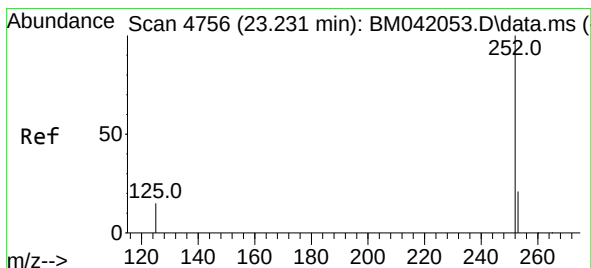
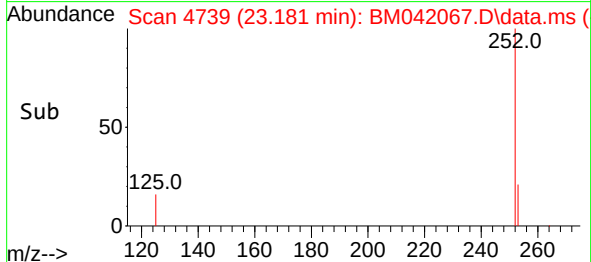
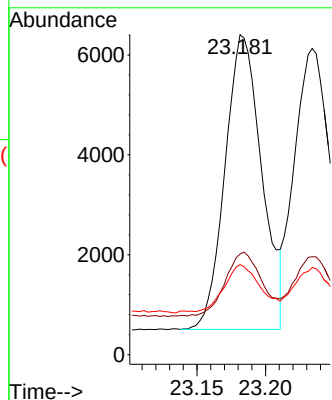
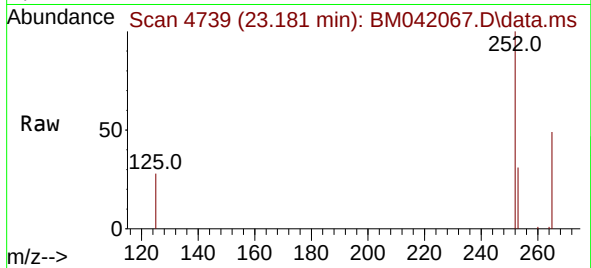




#24
Benzo(b)fluoranthene
Concen: 0.238 ng/ul
RT: 23.181 min Scan# 4739
Delta R.T. -0.009 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

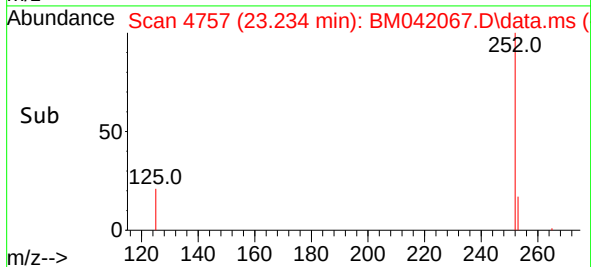
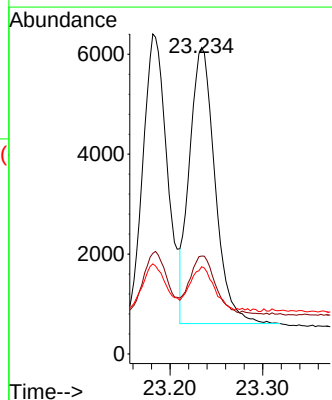
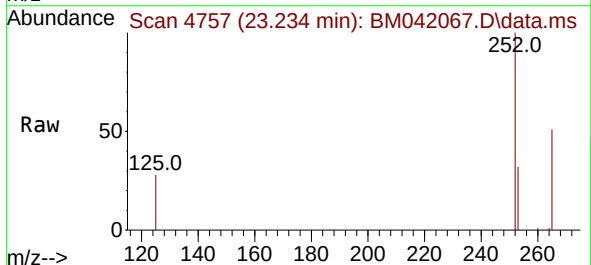
Instrument :
BNA_M
ClientSampleId :
SLCS688

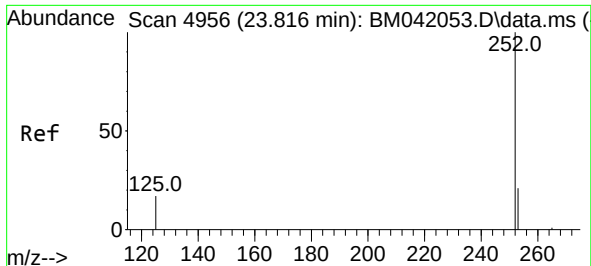
Tgt Ion:252 Resp: 11017
Ion Ratio Lower Upper
252 100
253 31.4 0.0 54.4
125 28.2 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.236 ng/ul
RT: 23.234 min Scan# 4757
Delta R.T. -0.006 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

Tgt Ion:252 Resp: 10594
Ion Ratio Lower Upper
252 100
253 32.0 21.0 31.6#
125 28.5 19.0 28.6

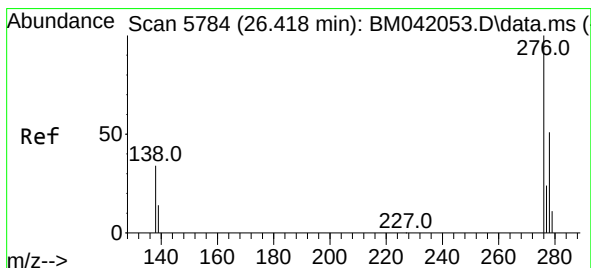
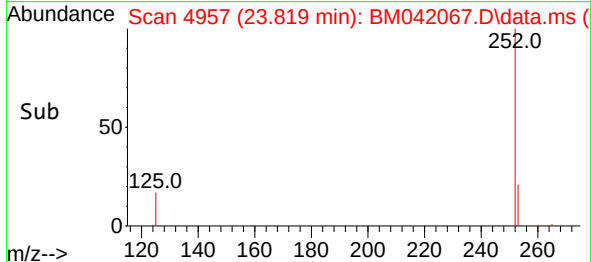
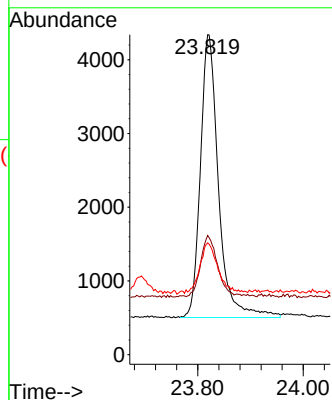
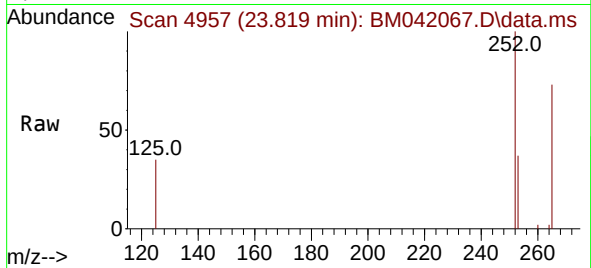




#26
Benzo(a)pyrene
Concen: 0.240 ng/ul
RT: 23.819 min Scan# 4956
Delta R.T. -0.009 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

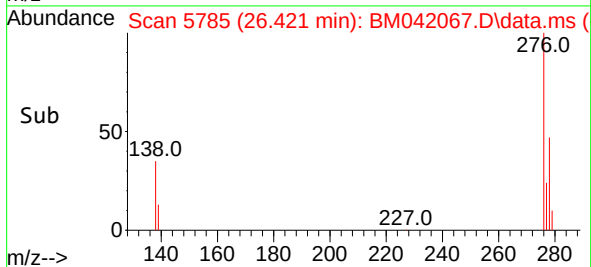
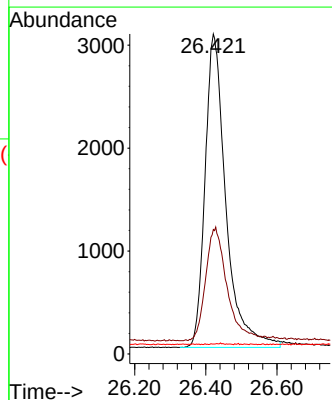
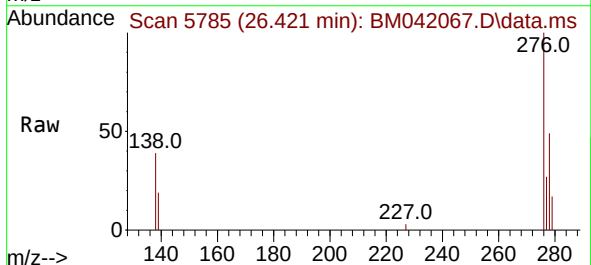
Instrument :
BNA_M
ClientSampleId :
SLCS688

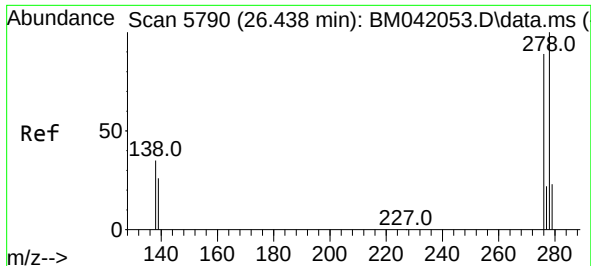
Tgt Ion:252 Resp: 9134
Ion Ratio Lower Upper
252 100
253 37.2 23.2 34.8#
125 34.9 22.5 33.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.237 ng/ul
RT: 26.421 min Scan# 5785
Delta R.T. -0.010 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

Tgt Ion:276 Resp: 12373
Ion Ratio Lower Upper
276 100
138 37.6 32.1 48.1
227 0.0 0.2 0.2#

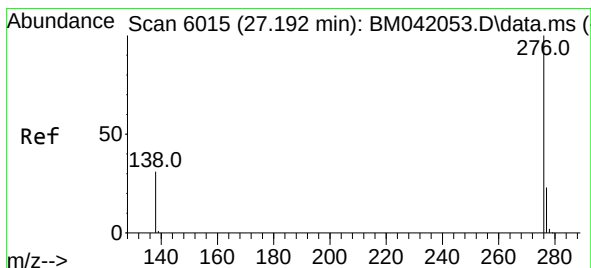
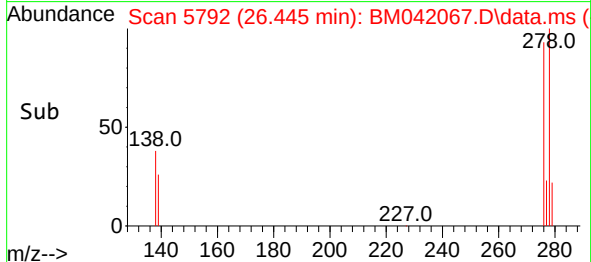
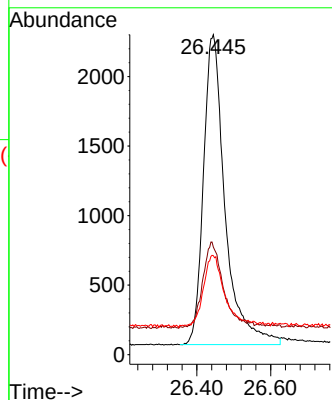
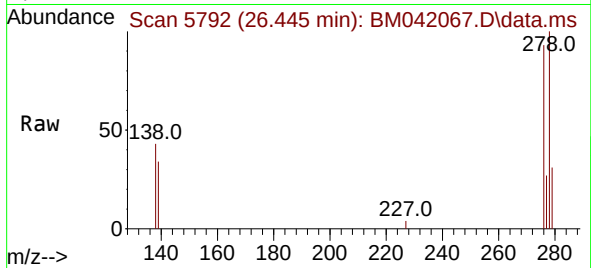




#28
Dibenzo(a,h)anthracene
Concen: 0.240 ng/ul
RT: 26.445 min Scan# 5792
Delta R.T. -0.007 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

Instrument :
BNA_M
ClientSampleId :
SLCS688

Tgt Ion:278 Resp: 9054
Ion Ratio Lower Upper
278 100
139 33.6 25.0 37.6
279 30.9 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.246 ng/ul
RT: 27.196 min Scan# 6016
Delta R.T. -0.013 min
Lab File: BM042067.D
Acq: 26 Sep 2023 12:39

Tgt Ion:276 Resp: 10811
Ion Ratio Lower Upper
276 100
138 35.8 29.0 43.4
277 26.0 19.6 29.4

