

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040824\
 Data File : BM045079.D
 Acq On : 09 Apr 2024 16:09
 Operator : MA/JU
 Sample : PB160069BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS069

Quant Time: Apr 09 16:46:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 09 02:13:29 2024
 Response via : Initial Calibration

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

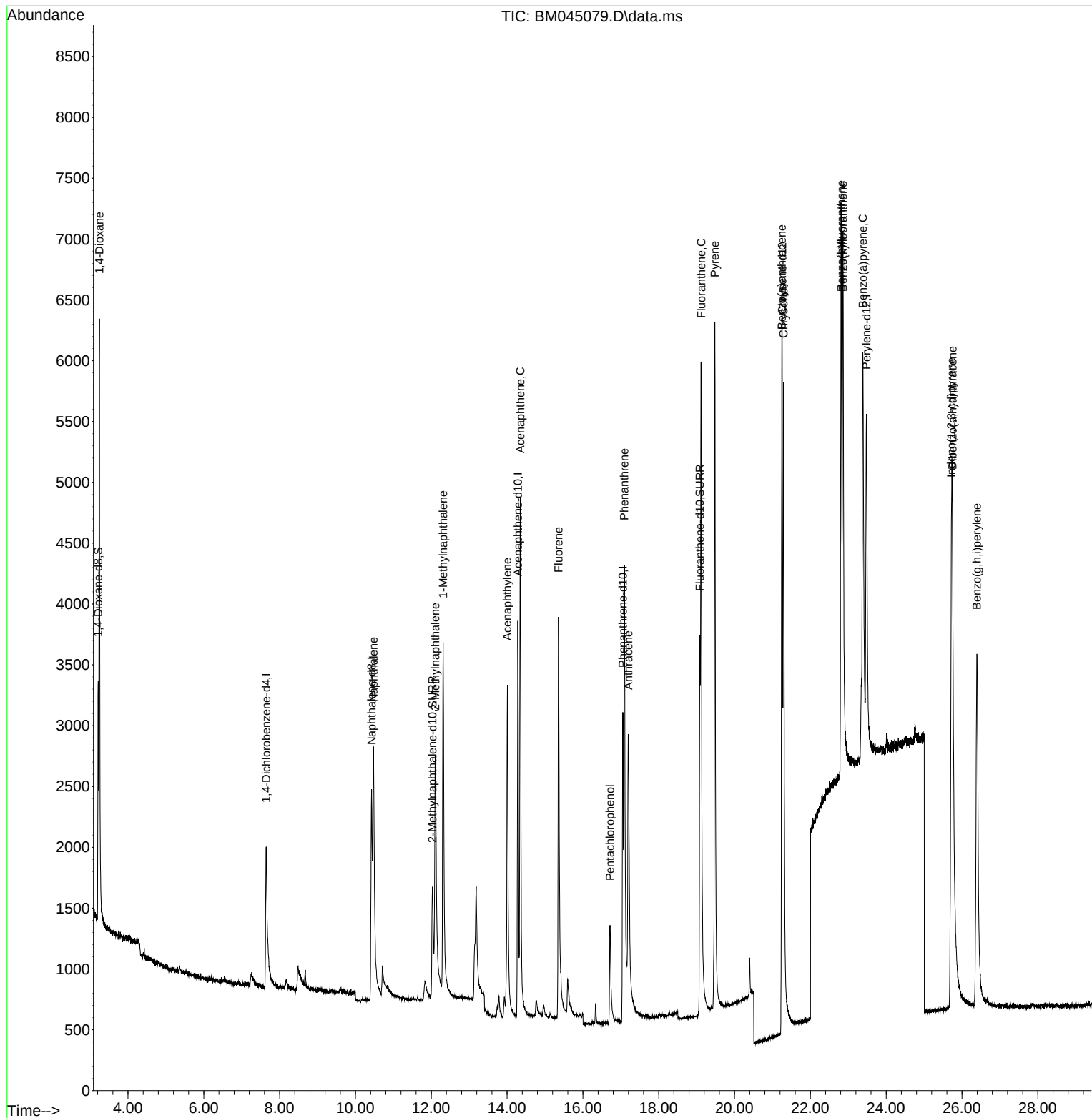
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.648	152	1277	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	4514	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.284	164	2361	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.052	188	4707	0.400	ng/ul	0.00
17) Chrysene-d12	21.257	240	3642	0.400	ng/ul	0.00
23) Perylene-d12	23.479	264	4651	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	1351	0.805	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	2481	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.085	212	4939	0.537	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.243	88	3495	2.173	ng/ul#	79
5) Naphthalene	10.474	128	4675	0.390	ng/ul	98
7) 2-Methylnaphthalene	12.107	142	2807	0.392	ng/ul	100
8) 1-Methylnaphthalene	12.310	142	2930	0.375	ng/ul	99
10) Acenaphthylene	14.006	152	4585	0.389	ng/ul	98
11) Acenaphthene	14.348	153	3290	0.390	ng/ul	99
12) Fluorene	15.357	166	3495	0.370	ng/ul	97
14) Pentachlorophenol	16.714	266	1023	0.927	ng/ul	95
15) Phenanthrene	17.094	178	5303	0.400	ng/ul	98
16) Anthracene	17.195	178	5389	0.413	ng/ul	96
19) Fluoranthene	19.117	202	6480	0.498	ng/ul	99
20) Pyrene	19.480	202	6834	0.497	ng/ul	97
21) Benzo(a)anthracene	21.246	228	5128	0.404	ng/ul	98
22) Chrysene	21.292	228	6999	0.442	ng/ul	99
24) Benzo(b)fluoranthene	22.809	252	6707	0.399	ng/ul	92
25) Benzo(k)fluoranthene	22.859	252	8112	0.431	ng/ul#	91
26) Benzo(a)pyrene	23.382	252	6842	0.427	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.719	276	9232	0.420	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.746	278	7120	0.409	ng/ul#	90
29) Benzo(g,h,i)perylene	26.393	276	8182	0.432	ng/ul	97

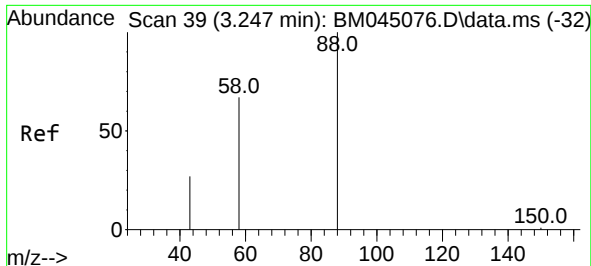
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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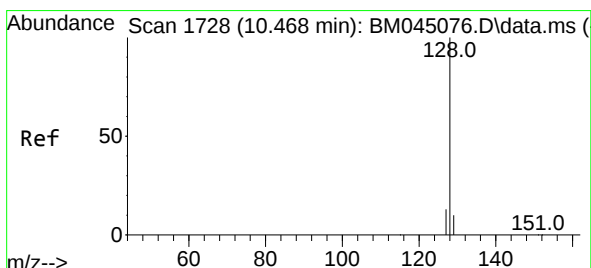
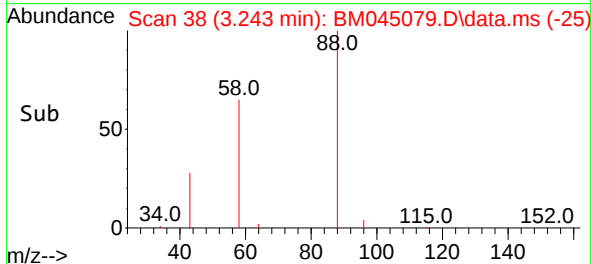
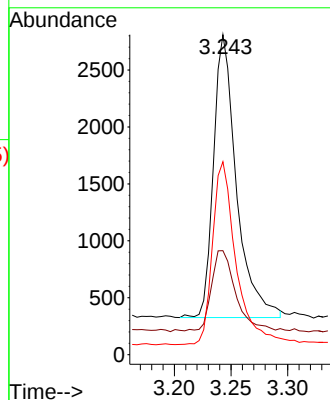
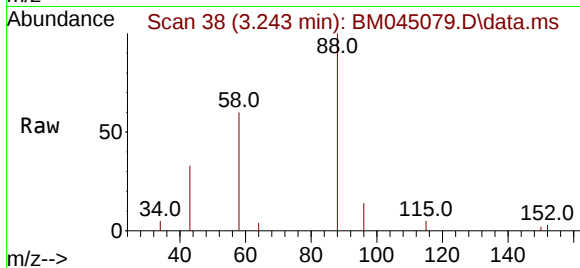




#2
1,4-Dioxane
Concen: 2.173 ng/ul
RT: 3.243 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

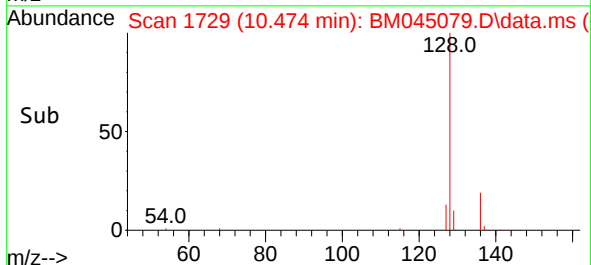
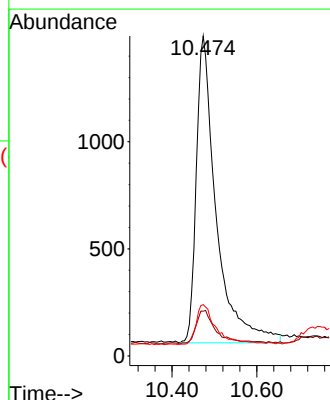
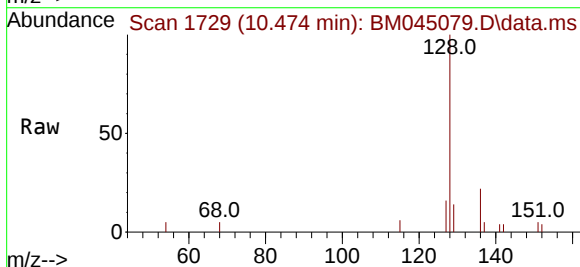
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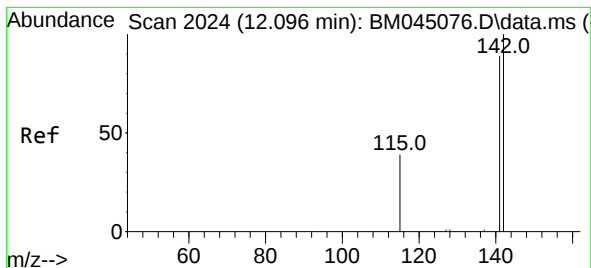
Tgt Ion: 88 Resp: 3495
Ion Ratio Lower Upper
88 100
43 32.5 30.6 46.0
58 60.3 32.6 48.8#



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.474 min Scan# 1729
Delta R.T. -0.011 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

Tgt Ion: 128 Resp: 4675
Ion Ratio Lower Upper
128 100
129 14.0 11.3 16.9
127 16.1 11.9 17.9

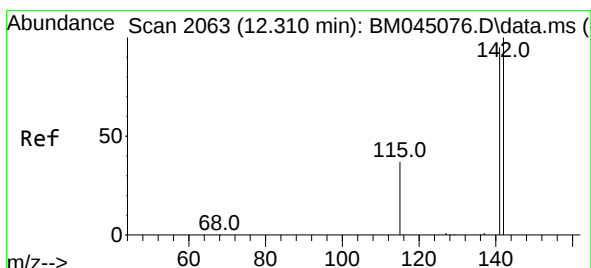
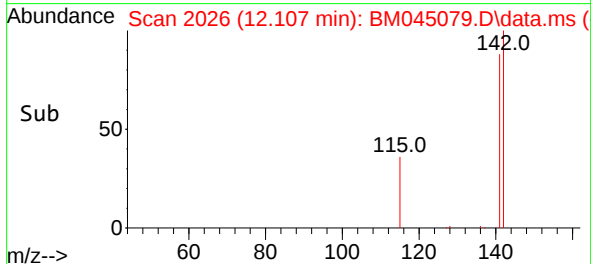
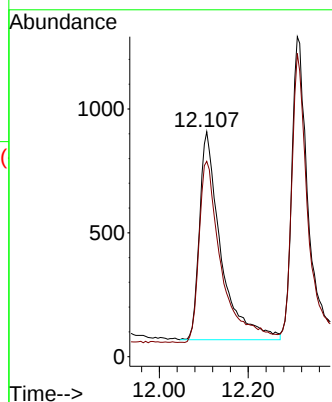
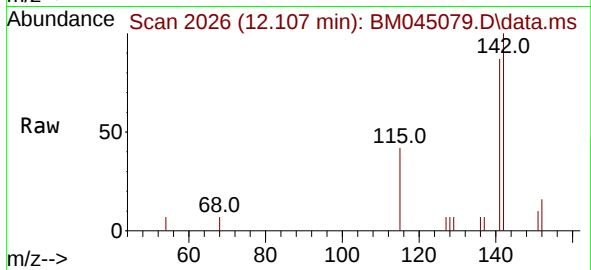




#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.107 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

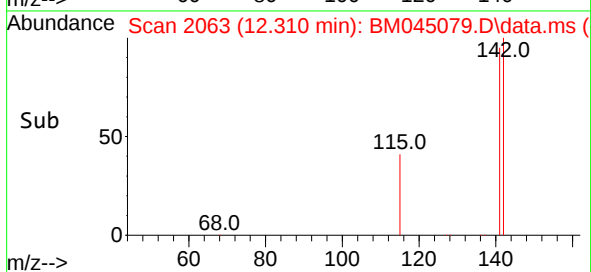
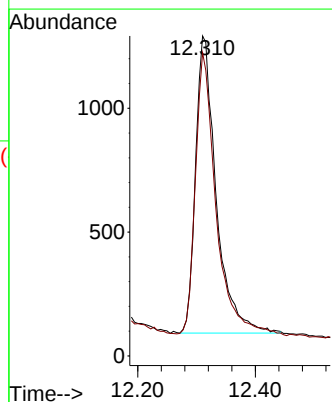
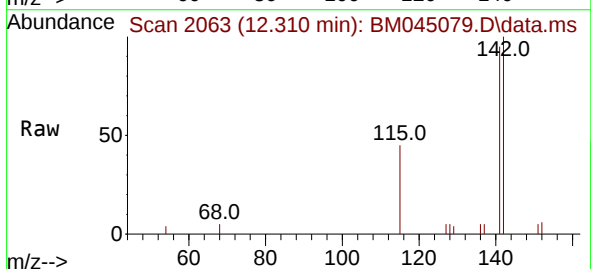
Instrument :
BNA_M
ClientSampleId :
SLCS069

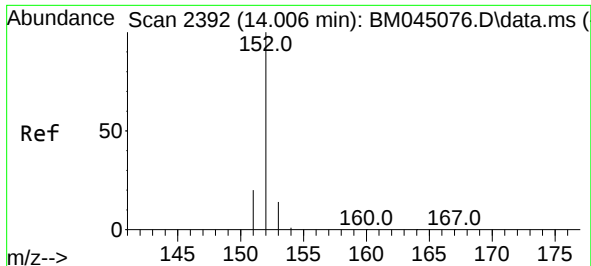
Tgt Ion:142 Resp: 2807
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.310 min Scan# 2063
Delta R.T. -0.011 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

Tgt Ion:142 Resp: 2930
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.2

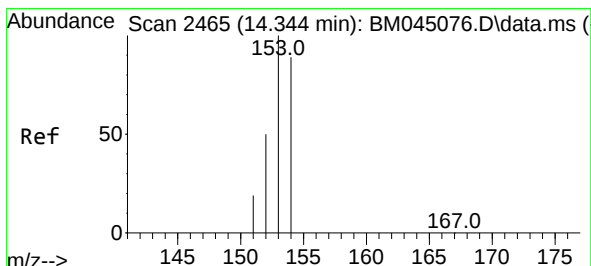
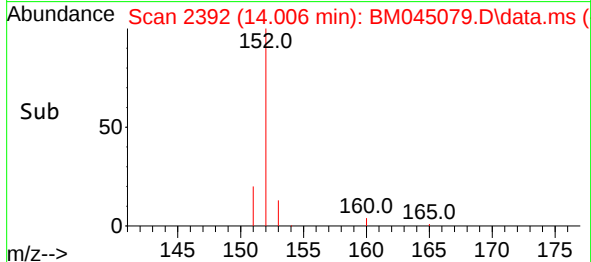
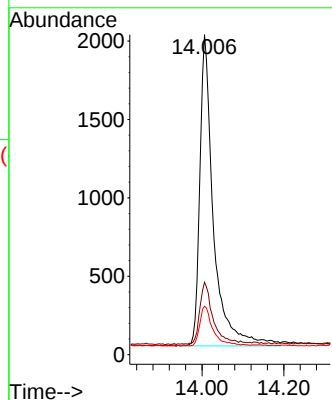
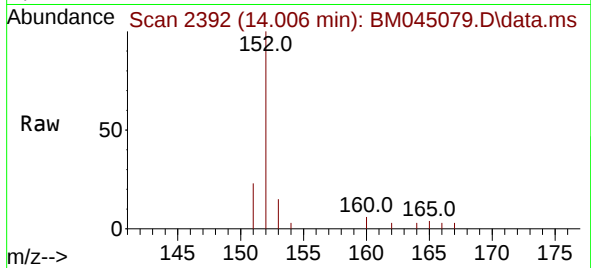




#10
Acenaphthylene
Concen: 0.389 ng/ul
RT: 14.006 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

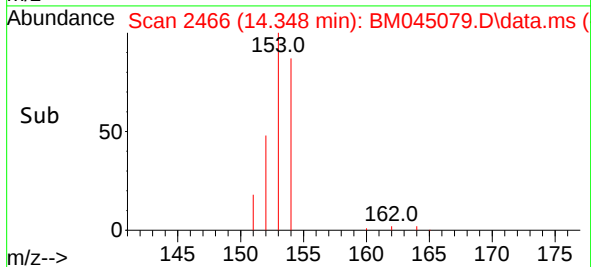
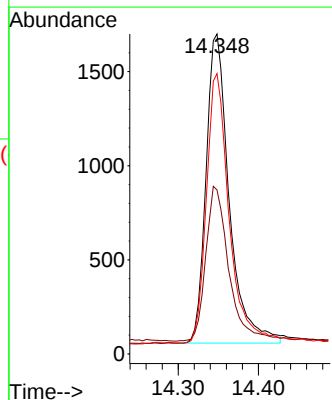
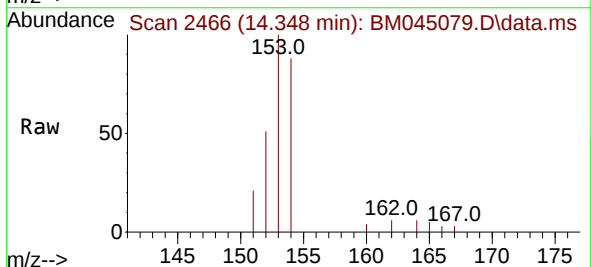
Instrument :
BNA_M
ClientSampleId :
SLCS069

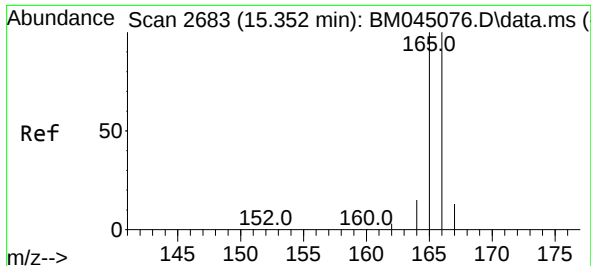
Tgt Ion:	152	Resp:	4585
Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.0	25.4
153	15.1	11.9	17.9



#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.348 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

Tgt Ion:	153	Resp:	3290
Ion	Ratio	Lower	Upper
153	100		
152	51.2	41.2	61.8
154	87.6	69.4	104.0

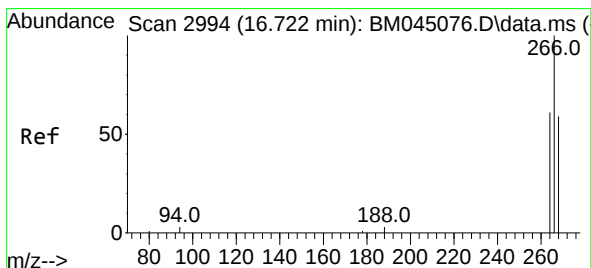
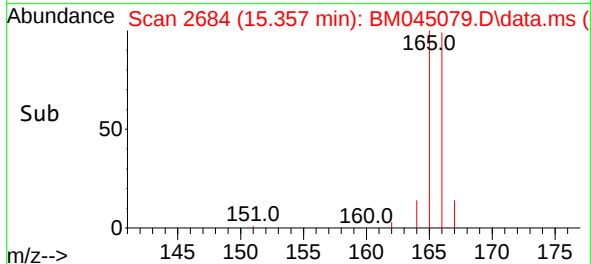
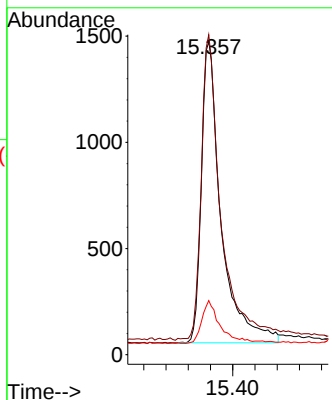
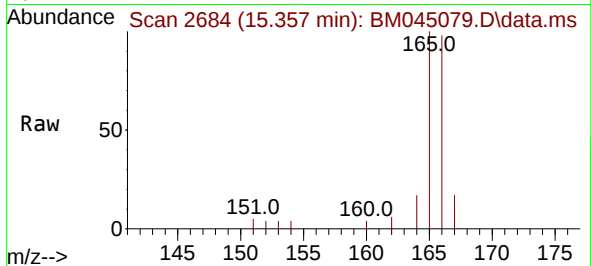




#12
 Fluorene
 Concen: 0.370 ng/ul
 RT: 15.357 min Scan# 20
 Delta R.T. -0.005 min
 Lab File: BM045079.D
 Acq: 09 Apr 2024 16:09

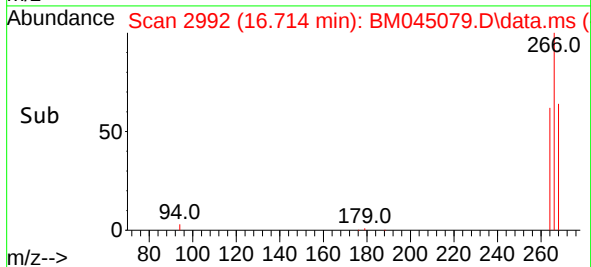
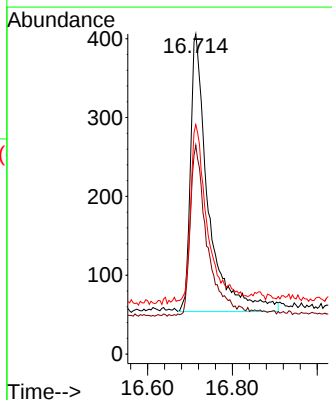
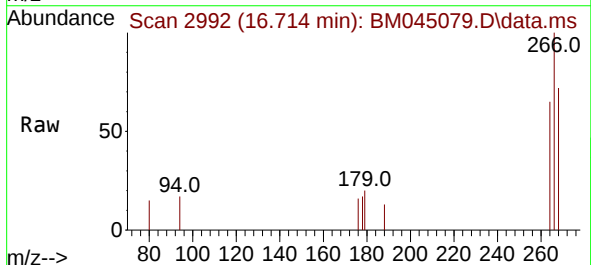
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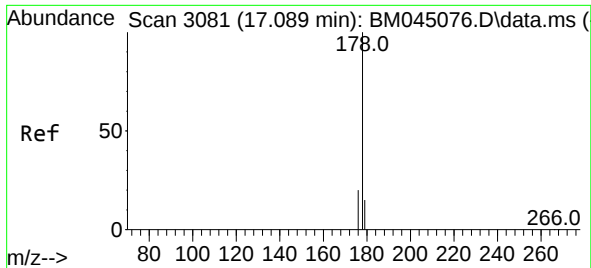
Tgt Ion:	166	Resp:	3495
Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.9	119.9
167	17.3	12.2	18.2



#14
 Pentachlorophenol
 Concen: 0.927 ng/ul
 RT: 16.714 min Scan# 2992
 Delta R.T. -0.017 min
 Lab File: BM045079.D
 Acq: 09 Apr 2024 16:09

Tgt Ion:	266	Resp:	1023
Ion	Ratio	Lower	Upper
266	100		
264	60.4	48.3	72.5
268	58.9	52.6	79.0

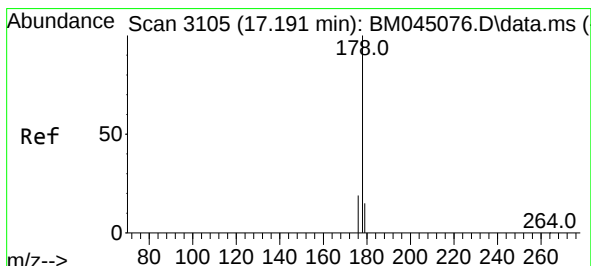
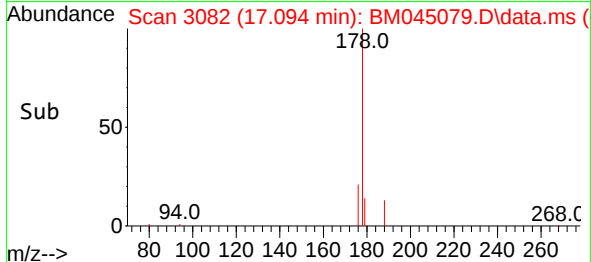
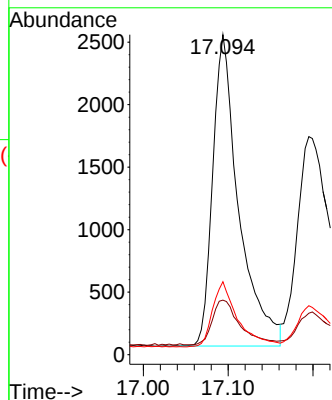
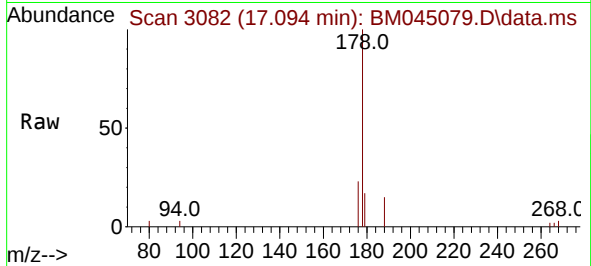




#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 17.094 min Scan# 3081
Delta R.T. -0.009 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

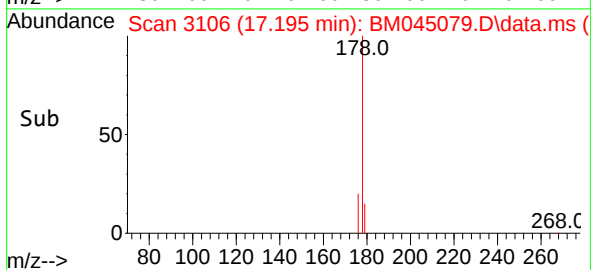
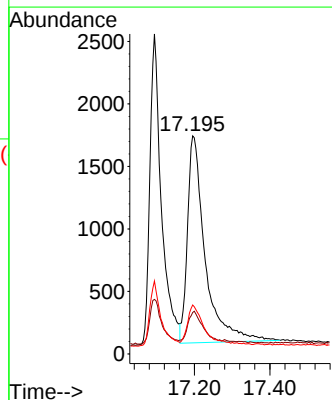
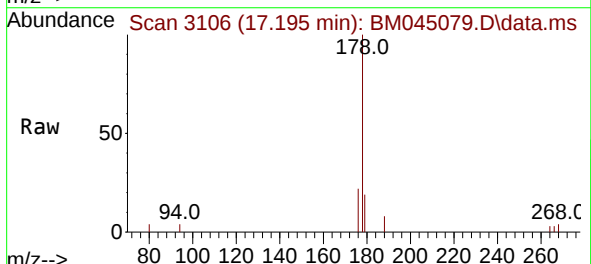
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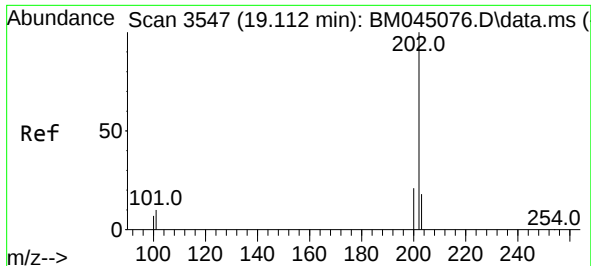
Tgt Ion:	178	Resp:	5303
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.7	20.5
176	22.8	17.0	25.4



#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.195 min Scan# 3106
Delta R.T. -0.009 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

Tgt Ion:	178	Resp:	5389
Ion Ratio	Lower	Upper	
178	100		
179	19.0	13.8	20.8
176	22.4	16.2	24.4

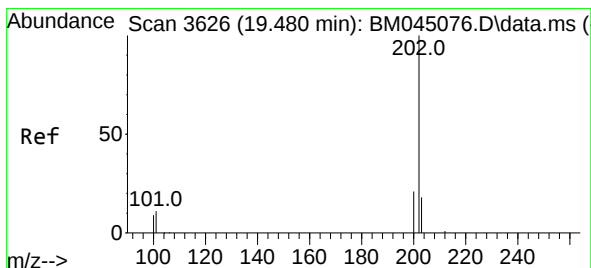
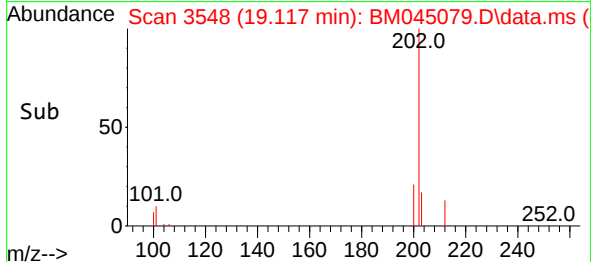
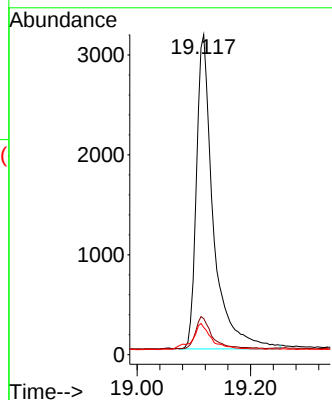
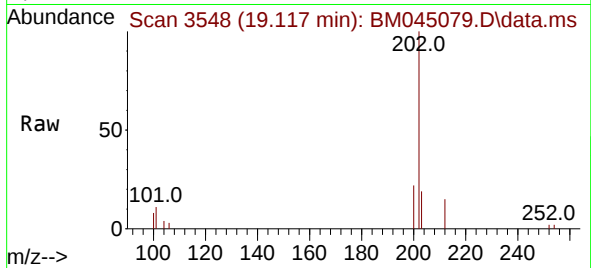




#19
Fluoranthene
Concen: 0.498 ng/ul
RT: 19.117 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

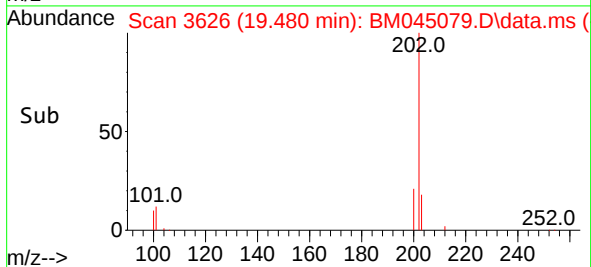
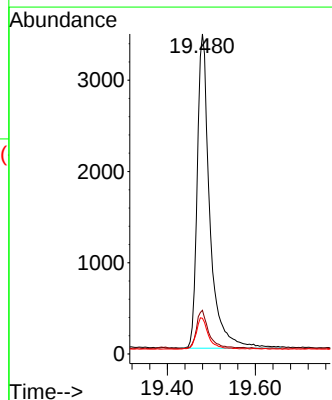
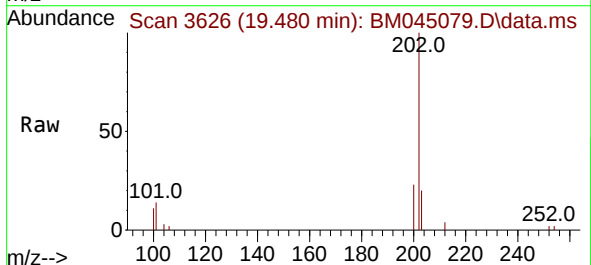
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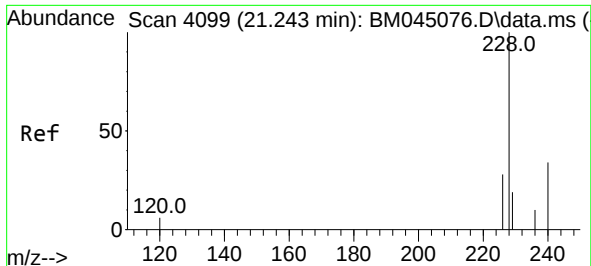
Tgt Ion:202 Resp: 6480
Ion Ratio Lower Upper
202 100
101 11.3 8.8 13.2
100 8.5 7.0 10.4



#20
Pyrene
Concen: 0.497 ng/ul
RT: 19.480 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

Tgt Ion:202 Resp: 6834
Ion Ratio Lower Upper
202 100
101 13.7 9.8 14.6
100 11.1 8.1 12.1

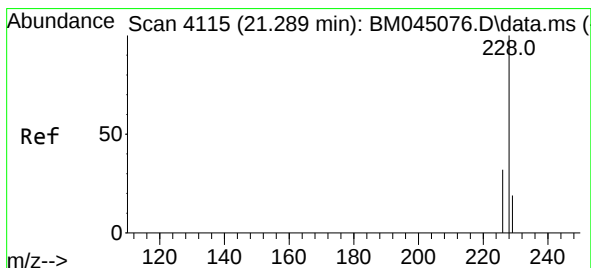
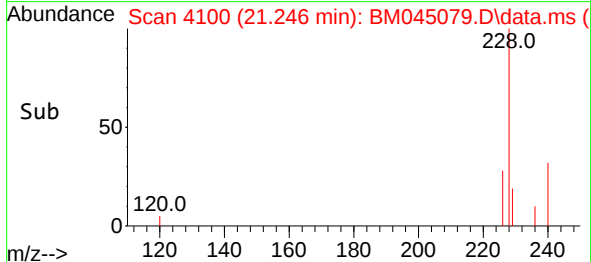
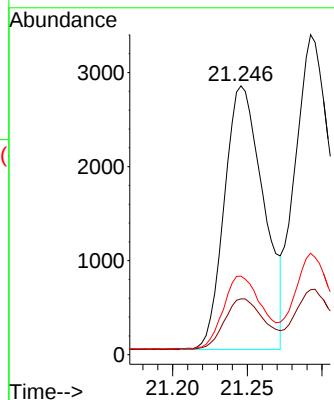
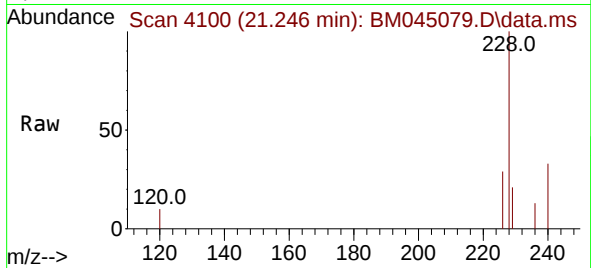




#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.246 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

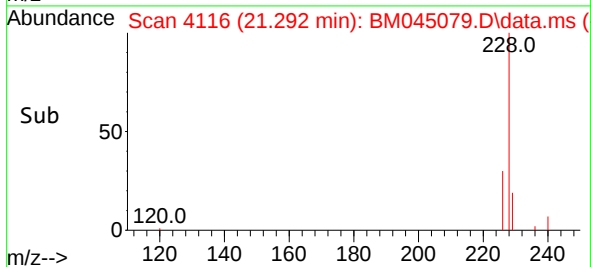
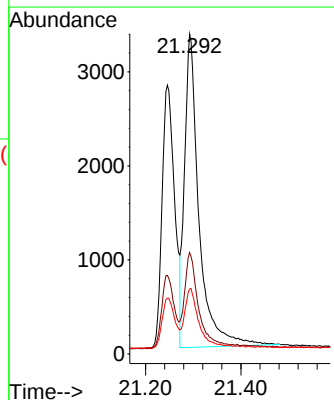
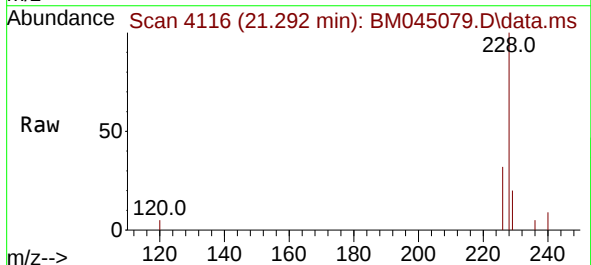
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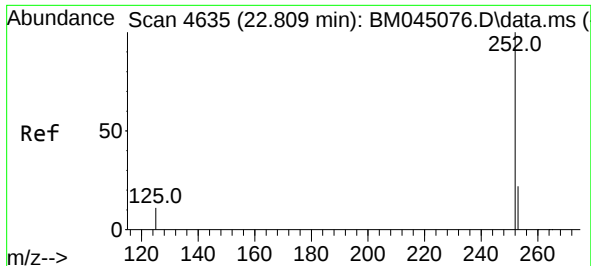
Tgt Ion:228 Resp: 5128
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 29.2 22.3 33.5



#22
Chrysene
Concen: 0.442 ng/ul
RT: 21.292 min Scan# 4116
Delta R.T. -0.006 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

Tgt Ion:228 Resp: 6999
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 20.3 15.9 23.9

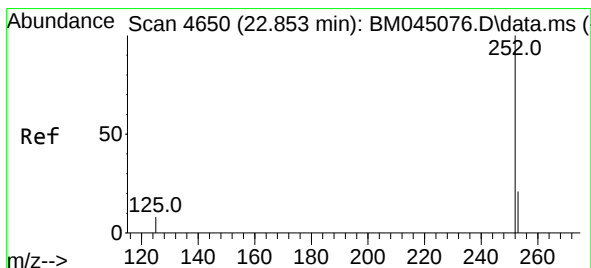
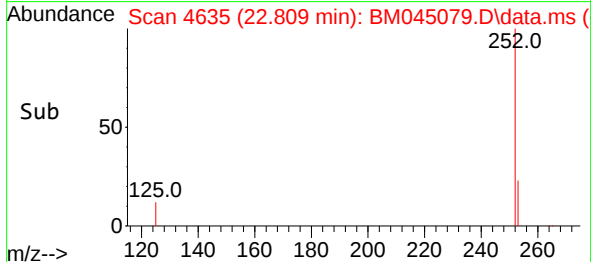
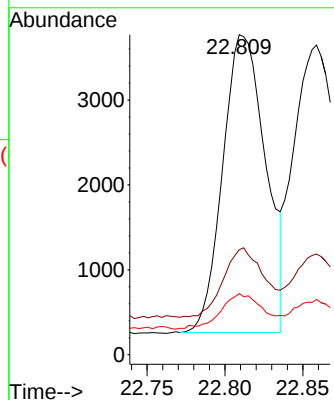
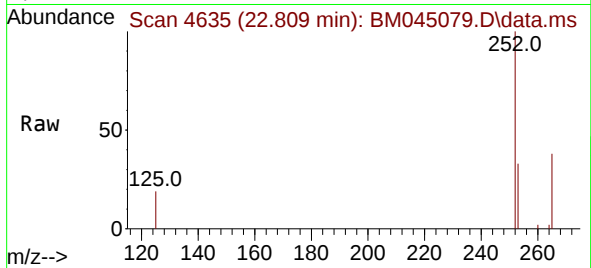




#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 22.809 min Scan# 4635
Delta R.T. -0.009 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

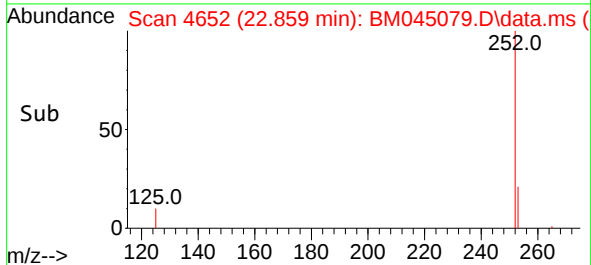
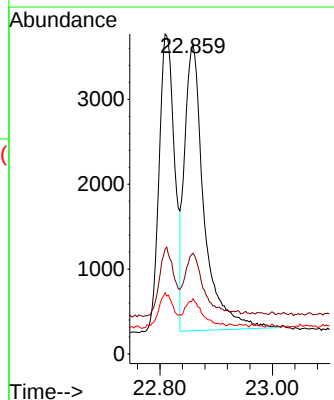
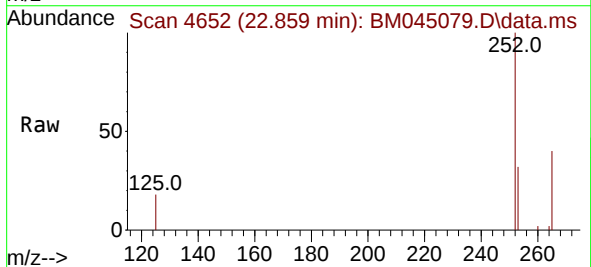
Instrument :
BNA_M
ClientSampleId :
SLCS069

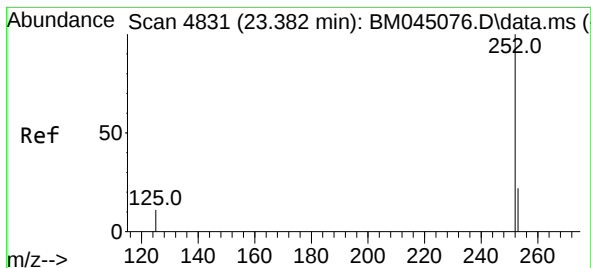
Tgt Ion:252 Resp: 6707
Ion Ratio Lower Upper
252 100
253 32.8 0.0 56.4
125 19.1 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.431 ng/ul
RT: 22.859 min Scan# 4652
Delta R.T. -0.003 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

Tgt Ion:252 Resp: 8112
Ion Ratio Lower Upper
252 100
253 32.5 22.3 33.5
125 17.8 11.6 17.4#





#26

Benzo(a)pyrene

Concen: 0.427 ng/ul

RT: 23.382 min Scan# 4831

Delta R.T. -0.012 min

Lab File: BM045079.D

Acq: 09 Apr 2024 16:09

Instrument :

BNA_M

ClientSampleId :

SLCS069

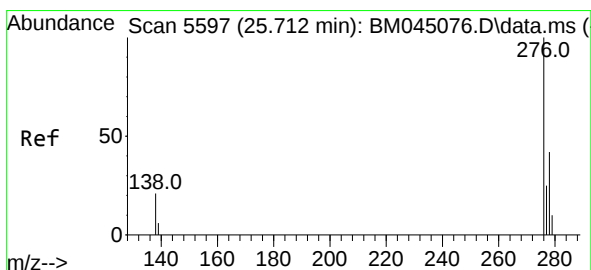
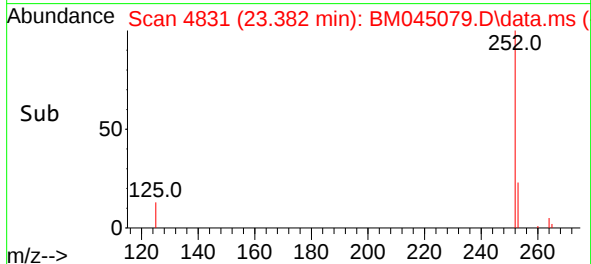
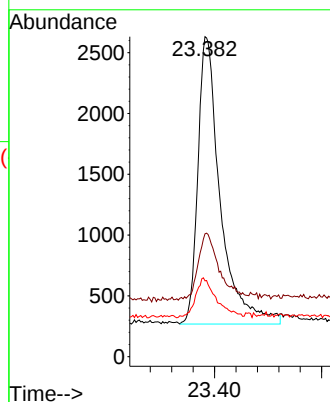
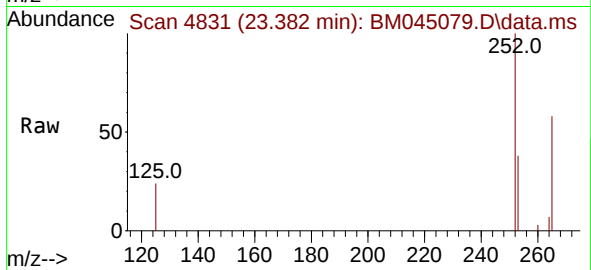
Tgt Ion:252 Resp: 6842

Ion Ratio Lower Upper

252 100

253 38.4 24.6 37.0#

125 23.7 18.2 27.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.420 ng/ul

RT: 25.719 min Scan# 5599

Delta R.T. -0.020 min

Lab File: BM045079.D

Acq: 09 Apr 2024 16:09

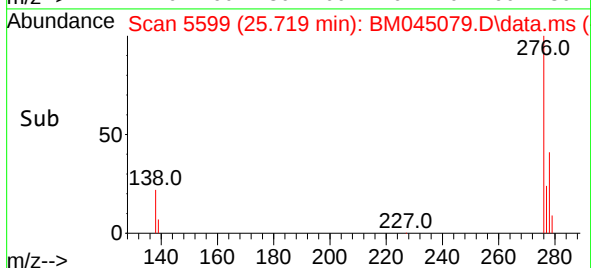
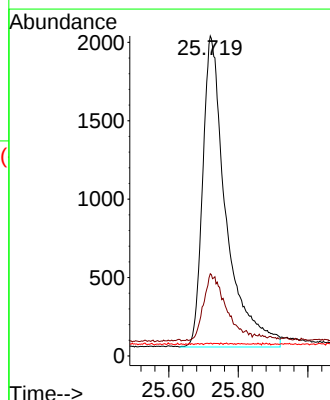
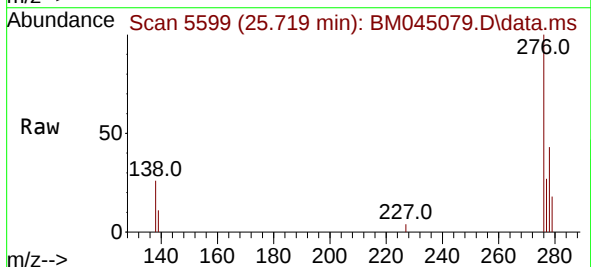
Tgt Ion:276 Resp: 9232

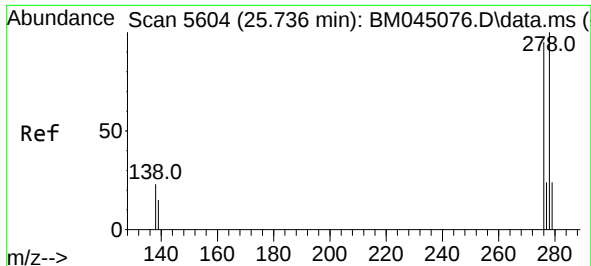
Ion Ratio Lower Upper

276 100

138 20.6 0.0 0.0#

227 0.1 0.1 0.1

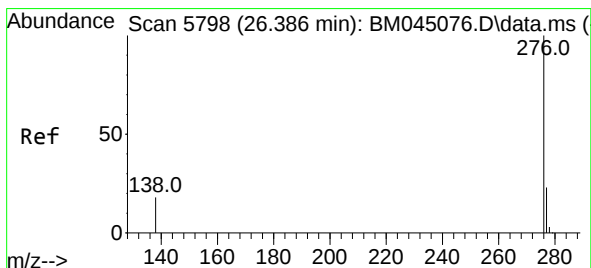
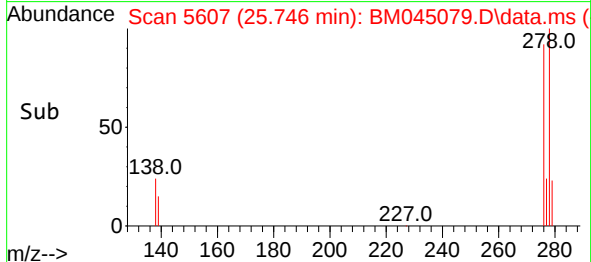
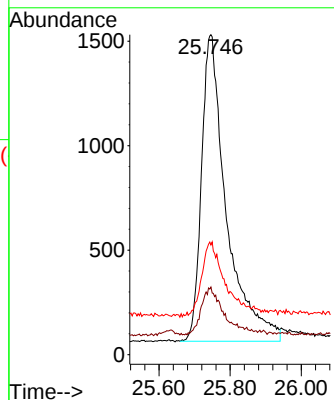
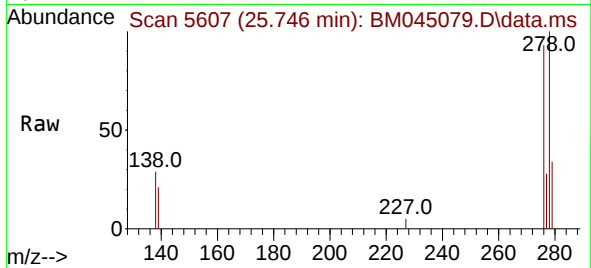




#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 25.746 min Scan# 50
Delta R.T. -0.017 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

Instrument :
BNA_M
ClientSampleId :
SLCS069

Tgt Ion:278 Resp: 7120
Ion Ratio Lower Upper
278 100
139 21.2 13.6 20.4#
279 34.2 23.0 34.4



#29
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 26.393 min Scan# 5800
Delta R.T. -0.013 min
Lab File: BM045079.D
Acq: 09 Apr 2024 16:09

Tgt Ion:276 Resp: 8182
Ion Ratio Lower Upper
276 100
138 23.1 16.8 25.2
277 26.4 20.3 30.5

