

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040824\
 Data File : BM045067.D
 Acq On : 09 Apr 2024 07:52
 Operator : MA/JU
 Sample : PB160054BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS054

Quant Time: Apr 09 09:04:38 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)

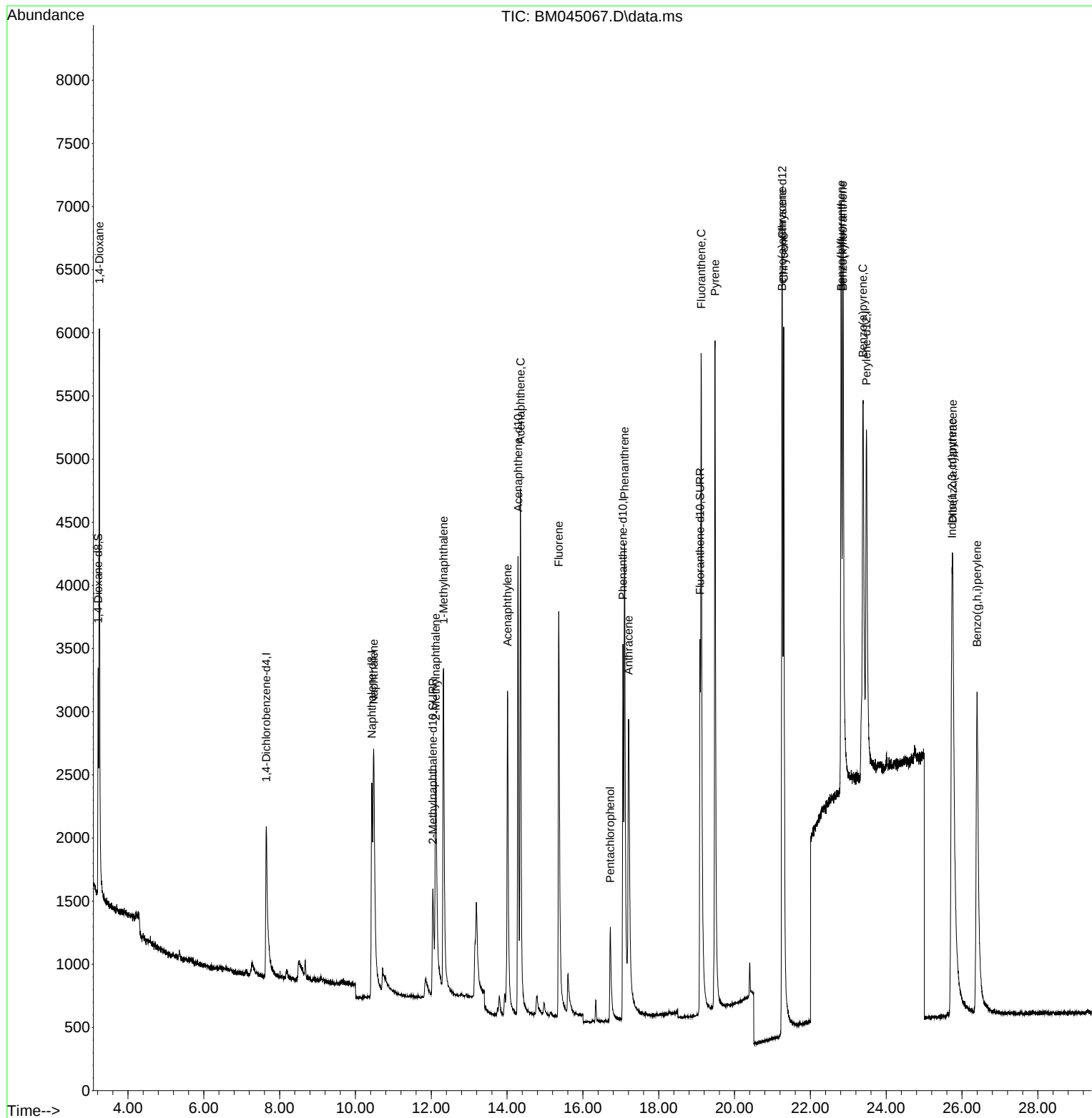
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.648	152	1504	0.400	ng/ul	0.00
4) Naphthalene-d8	10.430	136	4915	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.288	164	2624	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.056	188	5519	0.400	ng/ul	0.00
17) Chrysene-d12	21.260	240	4125	0.400	ng/ul	0.00
23) Perylene-d12	23.479	264	4857	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	1271	0.643	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152	2420	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.089	212	5010	0.481	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.243	88	3140	1.658	ng/ul#	80
5) Naphthalene	10.479	128	4459	0.342	ng/ul	97
7) 2-Methylnaphthalene	12.118	142	2647	0.340	ng/ul	99
8) 1-Methylnaphthalene	12.321	142	2794	0.329	ng/ul	97
10) Acenaphthylene	14.011	152	4593	0.351	ng/ul	97
11) Acenaphthene	14.353	153	3348	0.357	ng/ul	99
12) Fluorene	15.361	166	3642	0.347	ng/ul	99
14) Pentachlorophenol	16.722	266	925	0.715	ng/ul	96
15) Phenanthrene	17.098	178	5537	0.356	ng/ul	99
16) Anthracene	17.204	178	5511	0.360	ng/ul	95
19) Fluoranthene	19.117	202	6608	0.448	ng/ul	97
20) Pyrene	19.484	202	6914	0.444	ng/ul	97
21) Benzo(a)anthracene	21.252	228	5259	0.366	ng/ul	97
22) Chrysene	21.295	228	7282	0.406	ng/ul	99
24) Benzo(b)fluoranthene	22.812	252	6716	0.383	ng/ul	96
25) Benzo(k)fluoranthene	22.859	252	8187	0.417	ng/ul	93
26) Benzo(a)pyrene	23.385	252	6677	0.399	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.733	276	8669	0.378	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.756	278	6713	0.369	ng/ul#	88
29) Benzo(g,h,i)perylene	26.397	276	7825	0.395	ng/ul	97

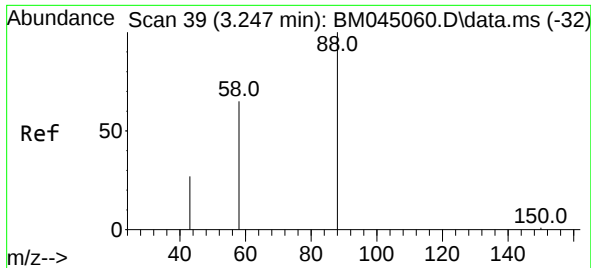
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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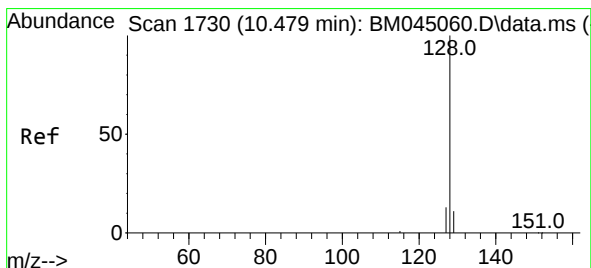
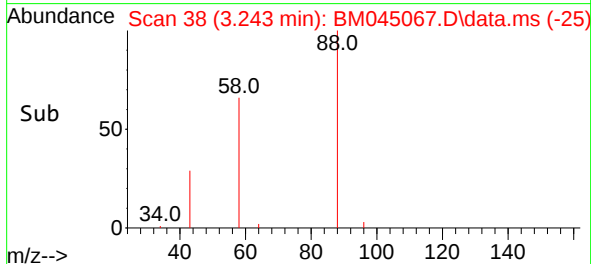
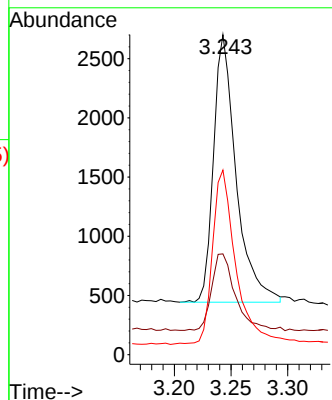
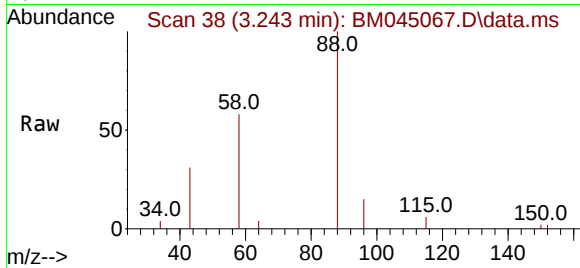




#2
 1,4-Dioxane
 Concen: 1.658 ng/ul
 RT: 3.243 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BM045067.D
 Acq: 09 Apr 2024 07:52

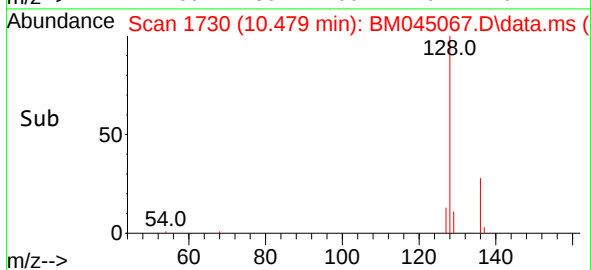
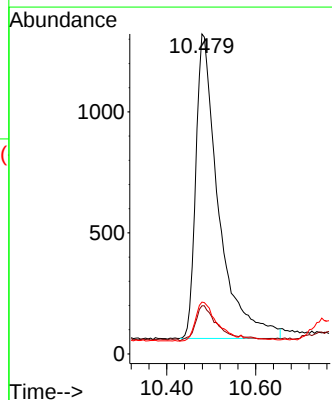
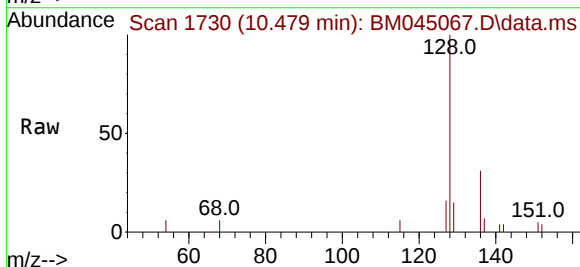
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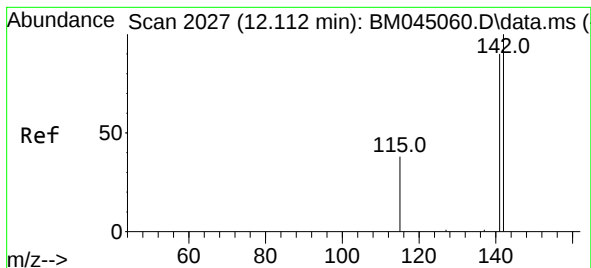
Tgt Ion: 88 Resp: 3140
 Ion Ratio Lower Upper
 88 100
 43 31.5 30.6 46.0
 58 57.7 32.6 48.8#



#5
 Naphthalene
 Concen: 0.342 ng/ul
 RT: 10.479 min Scan# 1730
 Delta R.T. -0.006 min
 Lab File: BM045067.D
 Acq: 09 Apr 2024 07:52

Tgt Ion: 128 Resp: 4459
 Ion Ratio Lower Upper
 128 100
 129 15.1 11.3 16.9
 127 16.2 11.9 17.9

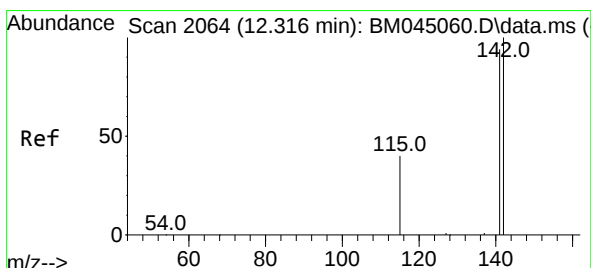
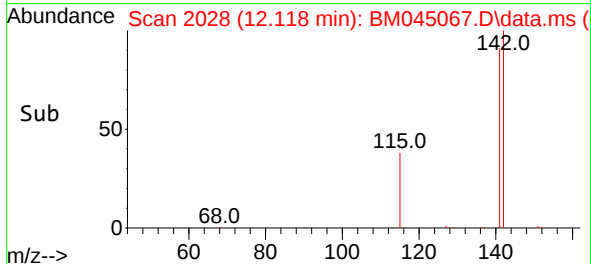
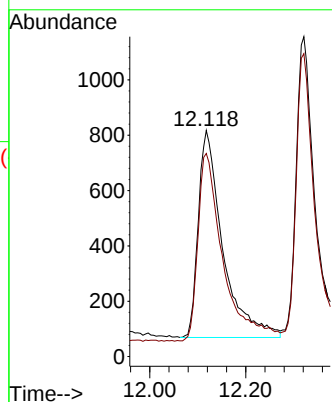
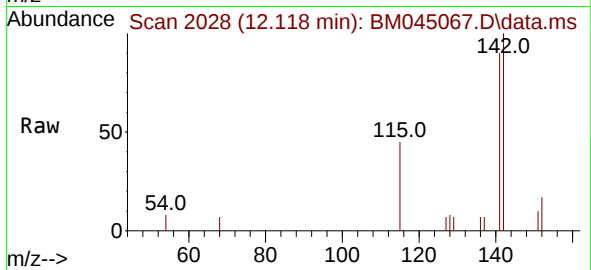




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.118 min Scan# 2027
Delta R.T. 0.005 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

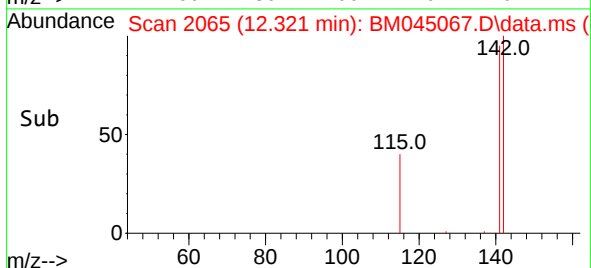
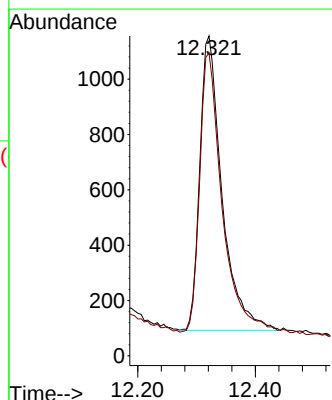
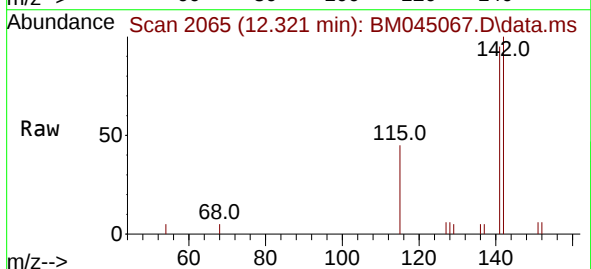
Instrument :
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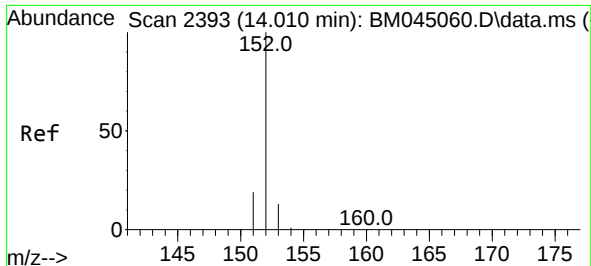
Tgt Ion:142 Resp: 2647
Ion Ratio Lower Upper
142 100
141 93.6 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.321 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

Tgt Ion:142 Resp: 2794
Ion Ratio Lower Upper
142 100
141 95.3 74.2 111.2

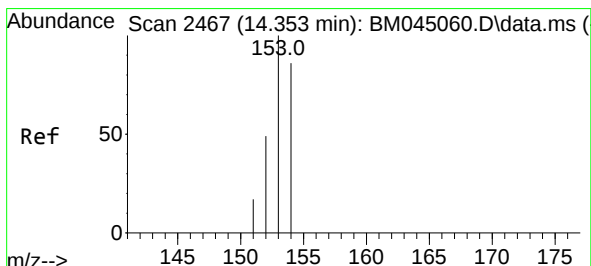
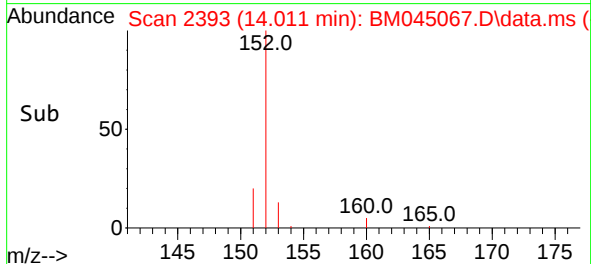
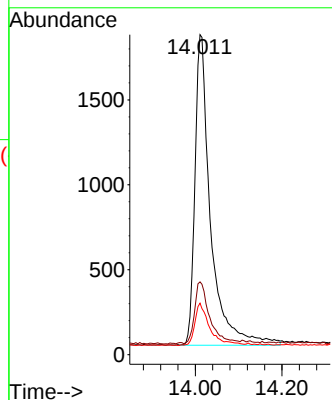
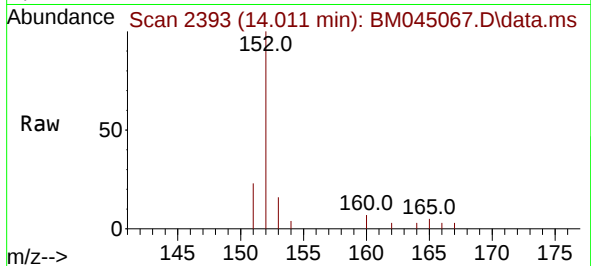




#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 14.011 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

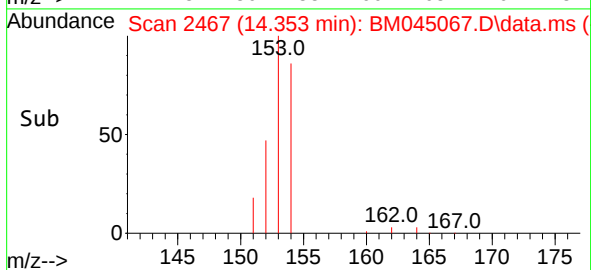
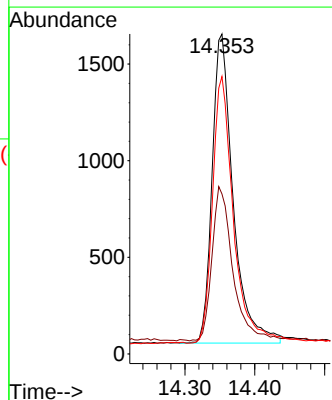
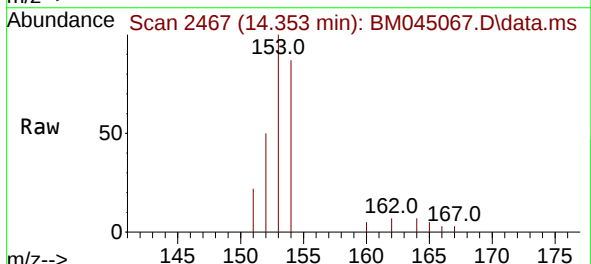
Instrument :
BNA_M
ClientSampleId :
SLCS054

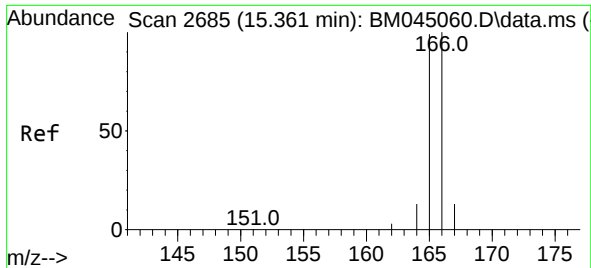
Tgt Ion:152 Resp: 4593
Ion Ratio Lower Upper
152 100
151 22.7 17.0 25.4
153 16.1 11.9 17.9



#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.353 min Scan# 2467
Delta R.T. -0.000 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

Tgt Ion:153 Resp: 3348
Ion Ratio Lower Upper
153 100
152 50.0 41.2 61.8
154 86.7 69.4 104.0

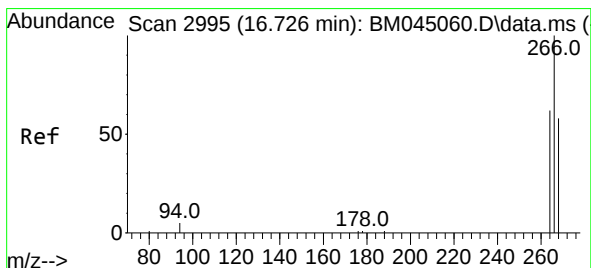
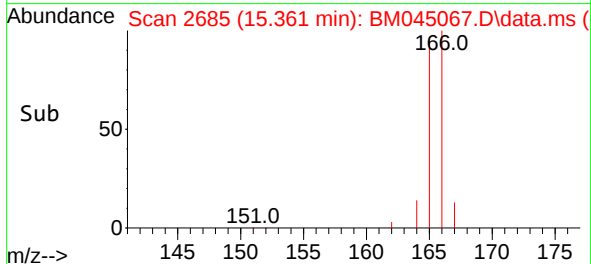
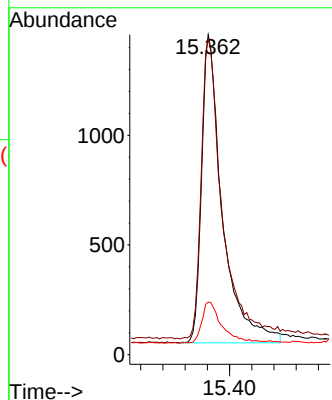
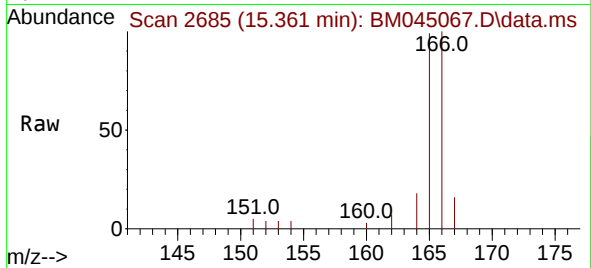




#12
 Fluorene
 Concen: 0.347 ng/ul
 RT: 15.361 min Scan# 2685
 Delta R.T. -0.000 min
 Lab File: BM045067.D
 Acq: 09 Apr 2024 07:52

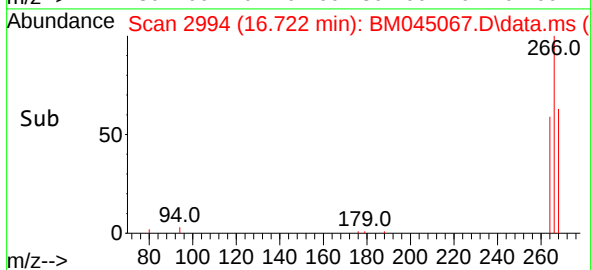
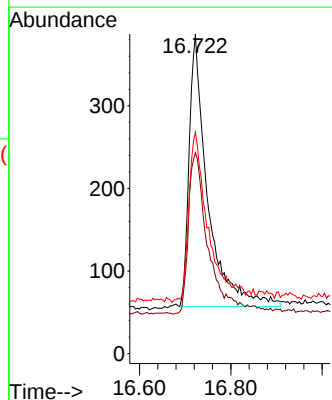
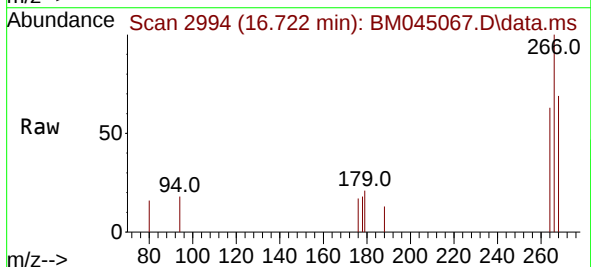
Instrument :
 BNA_M
 ClientSampleId :
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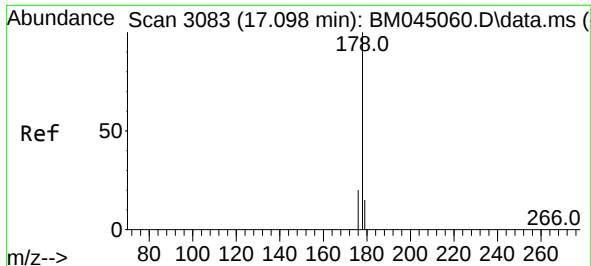
Tgt Ion:	166	Resp:	3642
Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.9	119.9
167	16.4	12.2	18.2



#14
 Pentachlorophenol
 Concen: 0.715 ng/ul
 RT: 16.722 min Scan# 2994
 Delta R.T. -0.009 min
 Lab File: BM045067.D
 Acq: 09 Apr 2024 07:52

Tgt Ion:	266	Resp:	925
Ion	Ratio	Lower	Upper
266	100		
264	64.9	48.3	72.5
268	67.6	52.6	79.0

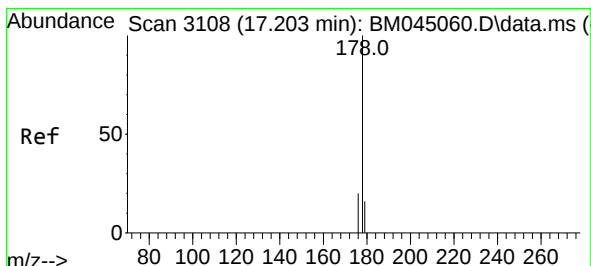
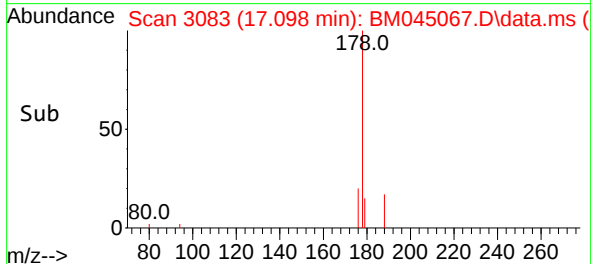
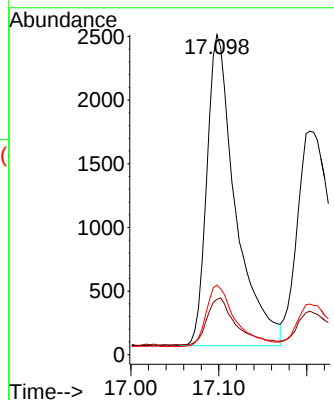
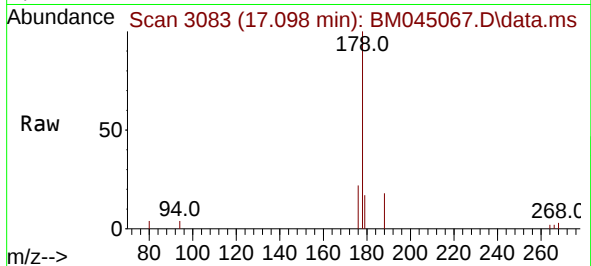




#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 17.098 min Scan# 3083
Delta R.T. -0.004 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

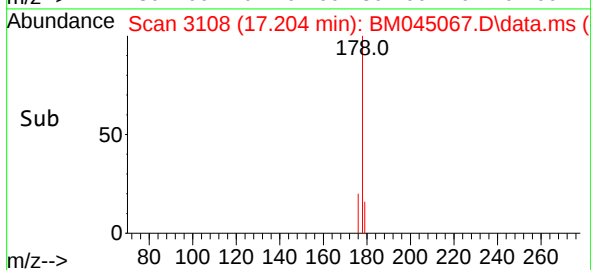
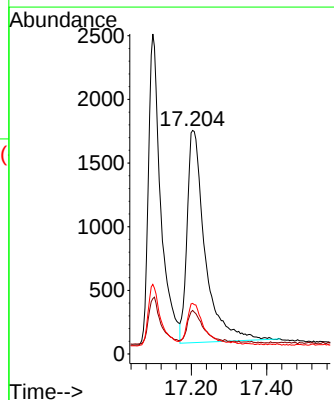
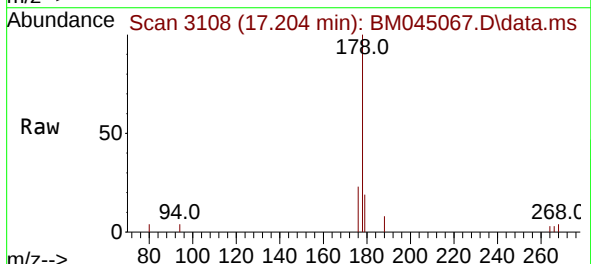
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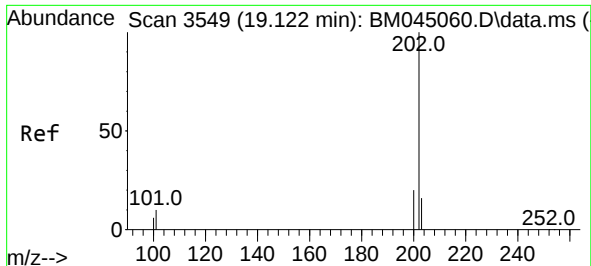
Tgt Ion:	178	Resp:	5537
Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.7	20.5
176	21.8	17.0	25.4



#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

Tgt Ion:	178	Resp:	5511
Ion Ratio	Lower	Upper	
178	100		
179	19.5	13.8	20.8
176	22.6	16.2	24.4

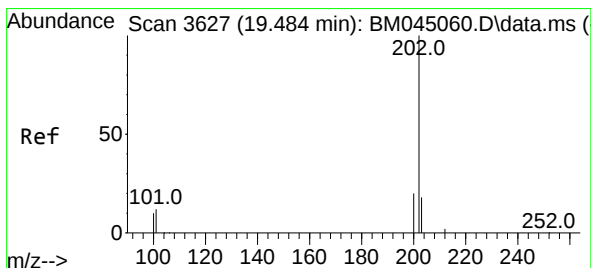
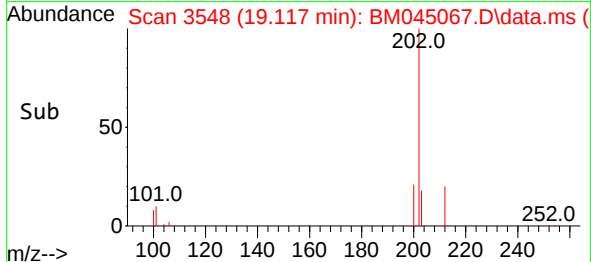
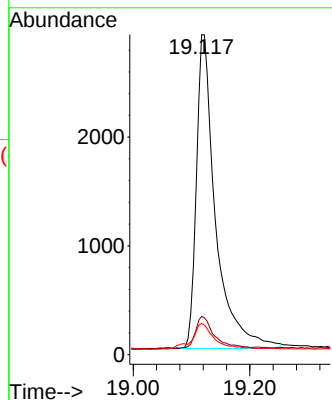
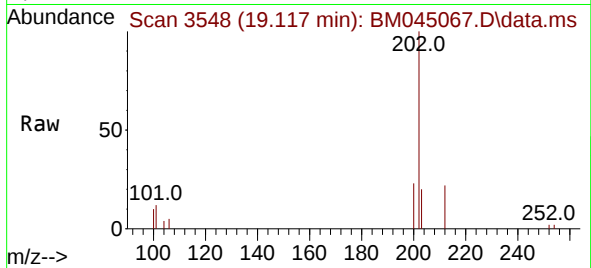




#19
Fluoranthene
Concen: 0.448 ng/ul
RT: 19.117 min Scan# 3548
Delta R.T. -0.005 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

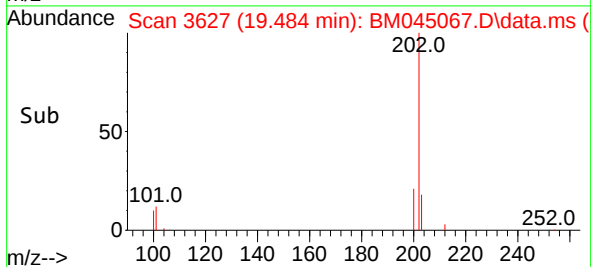
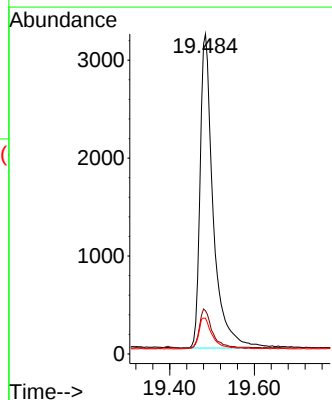
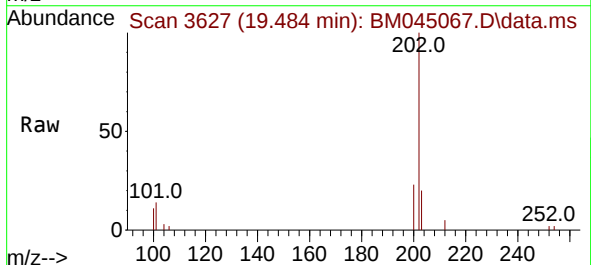
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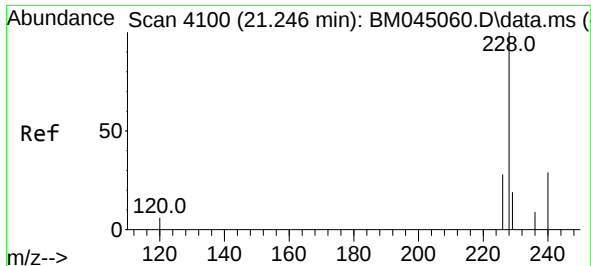
Tgt Ion:202 Resp: 6608
Ion Ratio Lower Upper
202 100
101 12.0 8.8 13.2
100 9.8 7.0 10.4



#20
Pyrene
Concen: 0.444 ng/ul
RT: 19.484 min Scan# 3627
Delta R.T. -0.000 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

Tgt Ion:202 Resp: 6914
Ion Ratio Lower Upper
202 100
101 13.5 9.8 14.6
100 11.2 8.1 12.1

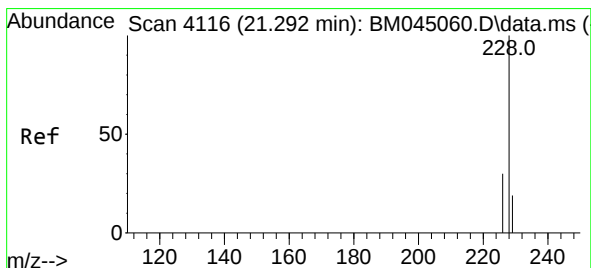
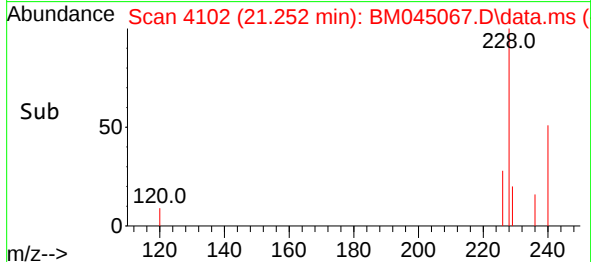
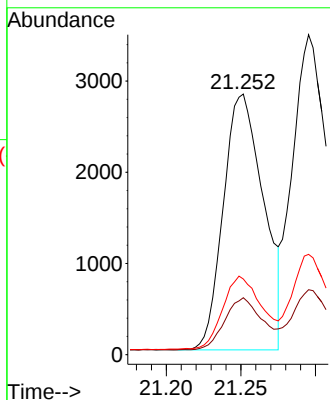
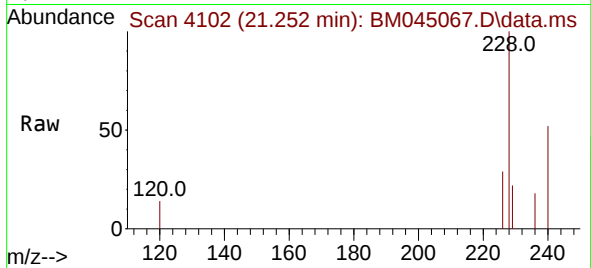




#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.252 min Scan# 4110
Delta R.T. 0.003 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

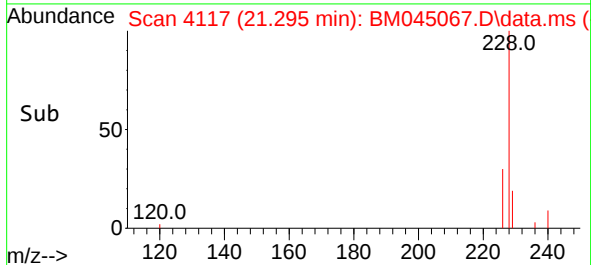
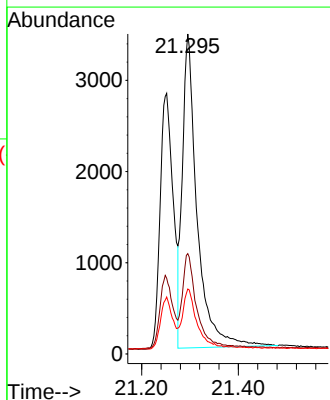
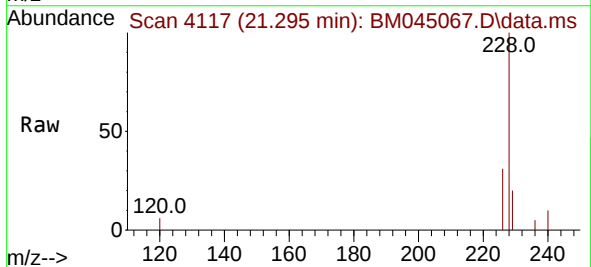
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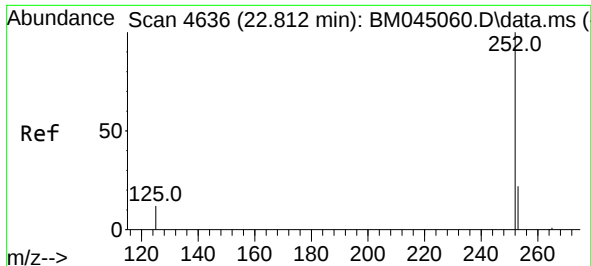
Tgt Ion:228 Resp: 5259
Ion Ratio Lower Upper
228 100
229 21.9 16.4 24.6
226 29.1 22.3 33.5



#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.295 min Scan# 4117
Delta R.T. -0.003 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

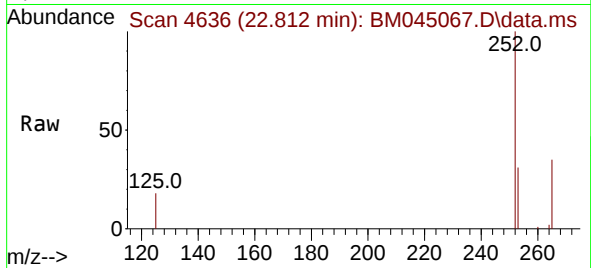
Tgt Ion:228 Resp: 7282
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 20.3 15.9 23.9



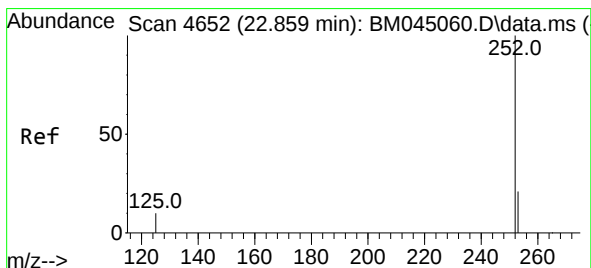
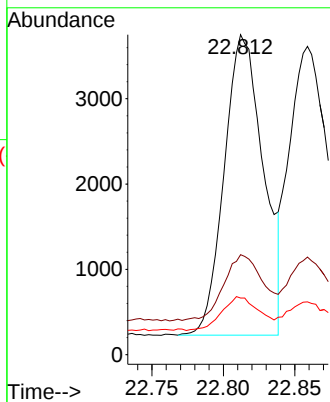
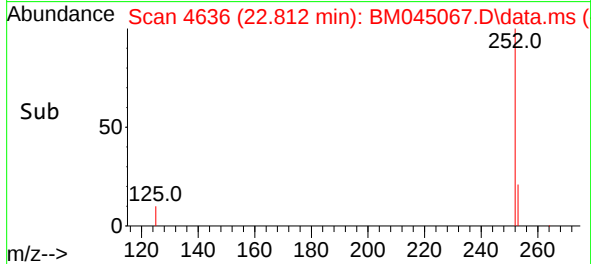


#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 22.812 min Scan# 4636
Delta R.T. -0.006 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

Instrument :
BNA_M
ClientSampleId :
SLCS054

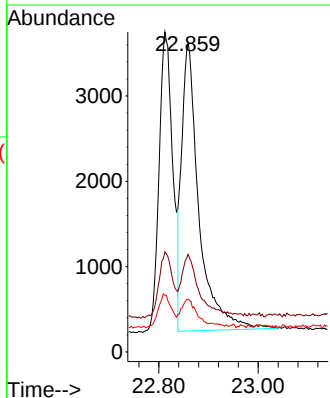
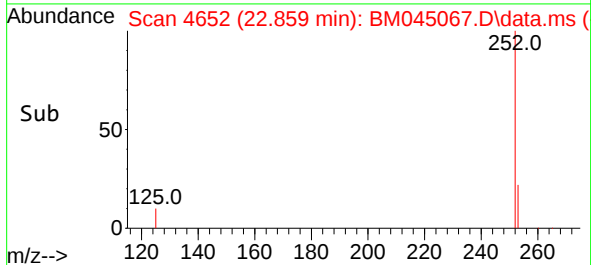
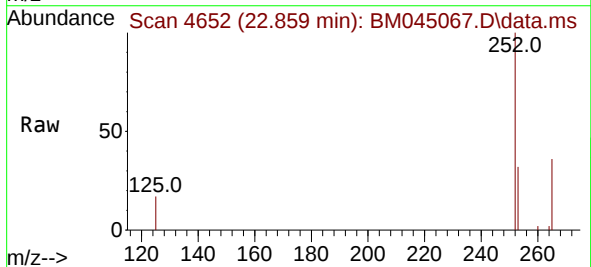


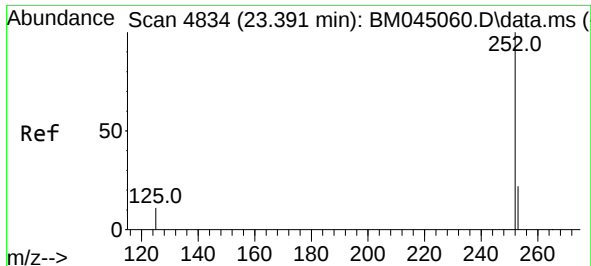
Tgt Ion:252 Resp: 6716
Ion Ratio Lower Upper
252 100
253 31.2 0.0 56.4
125 17.7 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul
RT: 22.859 min Scan# 4652
Delta R.T. -0.003 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

Tgt Ion:252 Resp: 8187
Ion Ratio Lower Upper
252 100
253 31.6 22.3 33.5
125 17.1 11.6 17.4

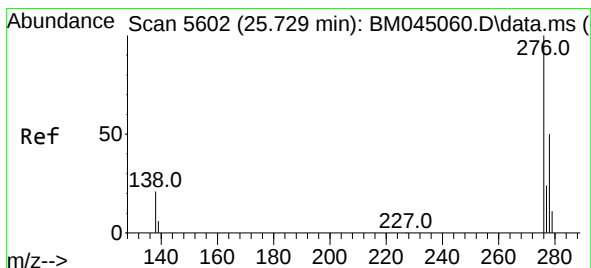
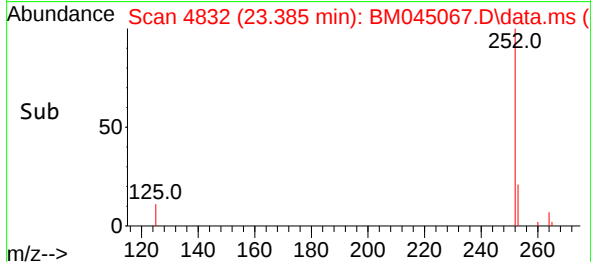
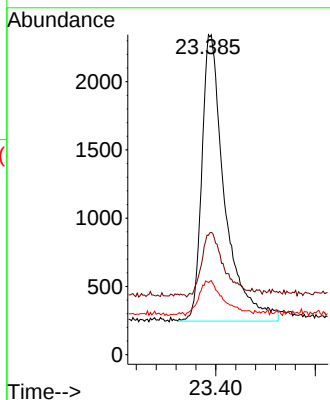
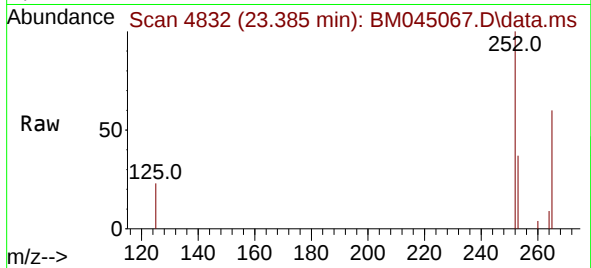




#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.385 min Scan# 4832
Delta R.T. -0.009 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

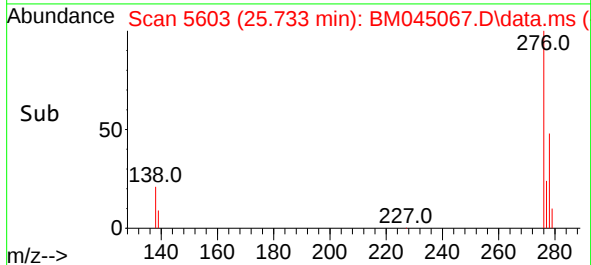
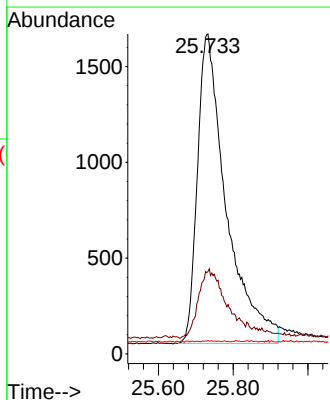
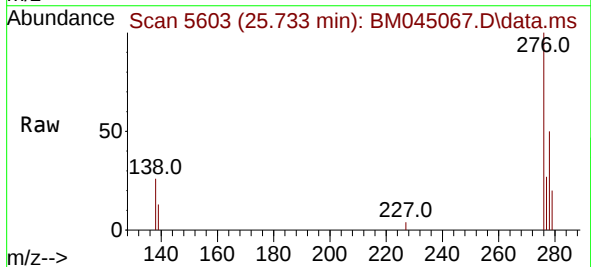
Instrument :
BNA_M
ClientSampleId :
SLCS054

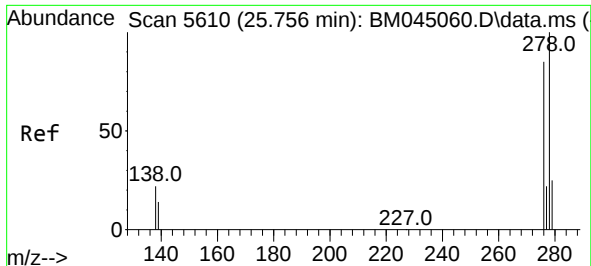
Tgt Ion:252 Resp: 6677
Ion Ratio Lower Upper
252 100
253 37.3 24.6 37.0#
125 22.6 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 25.733 min Scan# 5603
Delta R.T. -0.007 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

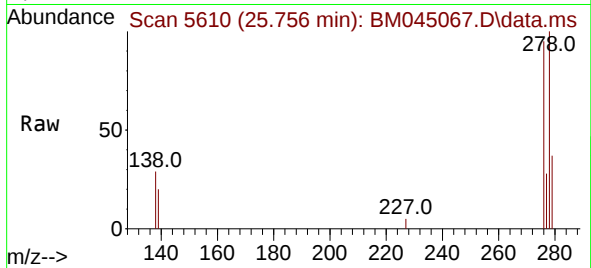
Tgt Ion:276 Resp: 8669
Ion Ratio Lower Upper
276 100
138 23.6 0.0 0.0#
227 0.2 0.1 0.1#



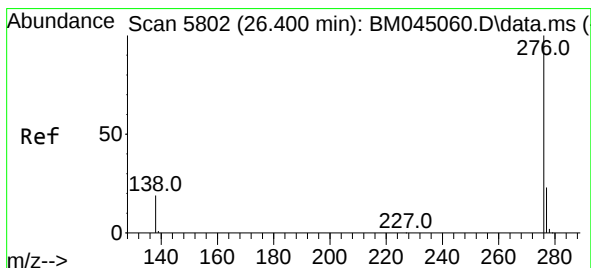
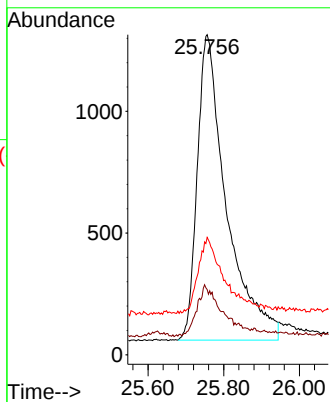
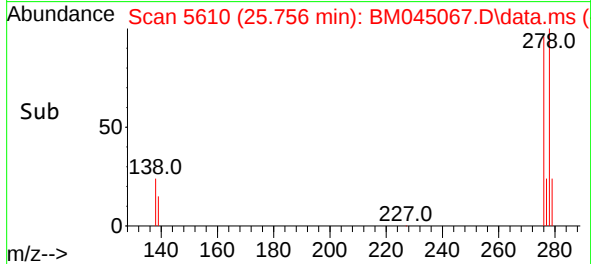


#28
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 25.756 min Scan# 5610
Delta R.T. -0.007 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

Instrument :
BNA_M
ClientSampleId :
SLCS054



Tgt Ion:278 Resp: 6713
Ion Ratio Lower Upper
278 100
139 20.4 13.6 20.4
279 36.7 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.397 min Scan# 5801
Delta R.T. -0.010 min
Lab File: BM045067.D
Acq: 09 Apr 2024 07:52

Tgt Ion:276 Resp: 7825
Ion Ratio Lower Upper
276 100
138 22.8 16.8 25.2
277 26.8 20.3 30.5

