

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043043.D
 Acq On : 27 Nov 2023 09:42
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4138

Quant Time: Nov 27 23:40:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

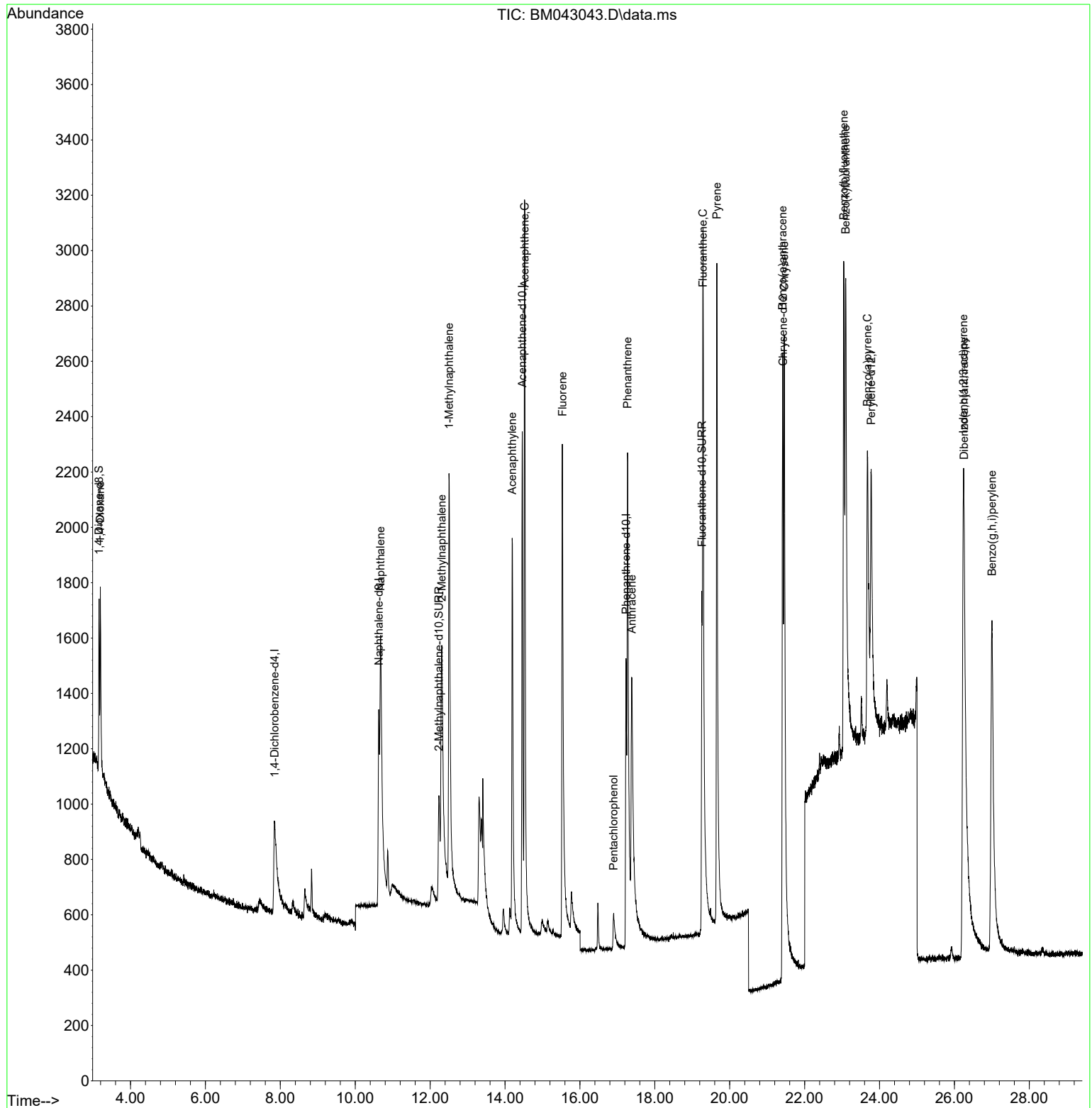
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	742	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.628	136	2229	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.460	164	1256	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	2530	0.400	ng/ul	0.00
17) Chrysene-d12	21.420	240	1498	0.400	ng/ul	0.00
23) Perylene-d12	23.776	264	1976	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	452	0.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	1313	0.440	ng/ul	-0.02
18) Fluoranthene-d10	19.258	212	2329	0.427	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	433	0.354	ng/ul	94
5) Naphthalene	10.678	128	2566	0.424	ng/ul	96
7) 2-Methylnaphthalene	12.311	142	1556	0.435	ng/ul	100
8) 1-Methylnaphthalene	12.504	142	1638	0.411	ng/ul	98
10) Acenaphthylene	14.192	152	2636	0.411	ng/ul	97
11) Acenaphthene	14.525	153	2078	0.428	ng/ul	98
12) Fluorene	15.534	166	2138	0.429	ng/ul	97
14) Pentachlorophenol	16.896	266	232	0.339	ng/ul	94
15) Phenanthrene	17.272	178	2934	0.406	ng/ul	99
16) Anthracene	17.382	178	2866	0.419	ng/ul	98
19) Fluoranthene	19.285	202	3573	0.421	ng/ul	99
20) Pyrene	19.657	202	3724	0.412	ng/ul	99
21) Benzo(a)anthracene	21.411	228	2180	0.449	ng/ul	98
22) Chrysene	21.455	228	3765	0.416	ng/ul	99
24) Benzo(b)fluoranthene	23.045	252	2909	0.436	ng/ul	97
25) Benzo(k)fluoranthene	23.098	252	4093	0.446	ng/ul	99
26) Benzo(a)pyrene	23.677	252	3152	0.433	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.241	276	4422	0.449	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.255	278	3420	0.449	ng/ul	92
29) Benzo(g,h,i)perylene	27.003	276	4270	0.446	ng/ul	98

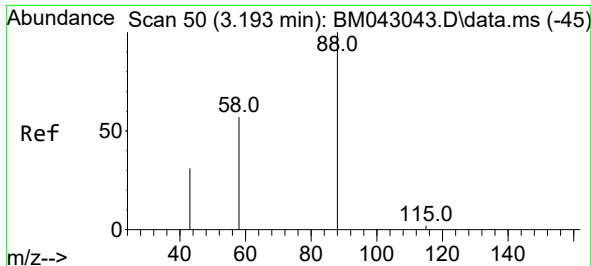
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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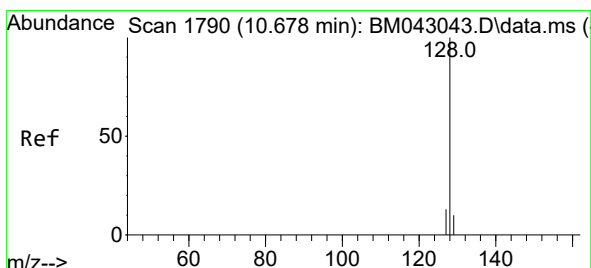
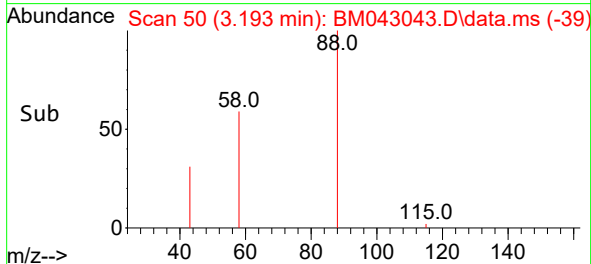
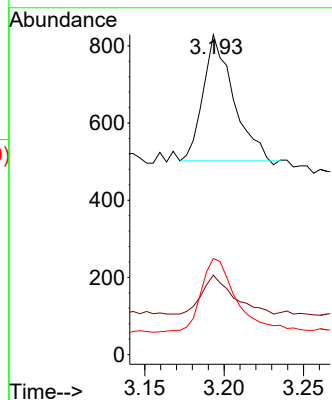
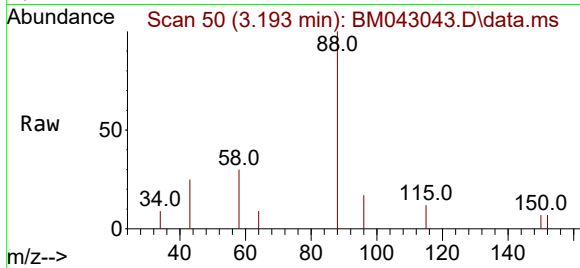




#2
1,4-Dioxane
Concen: 0.354 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.013 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

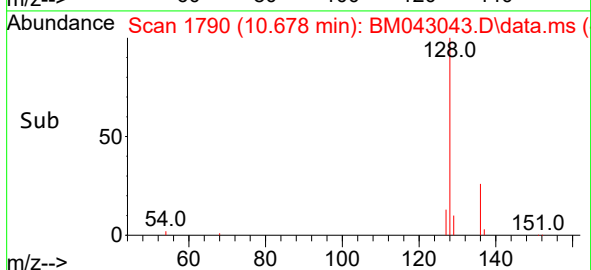
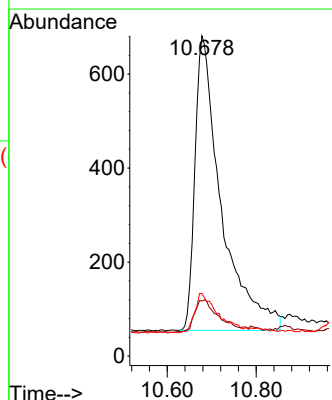
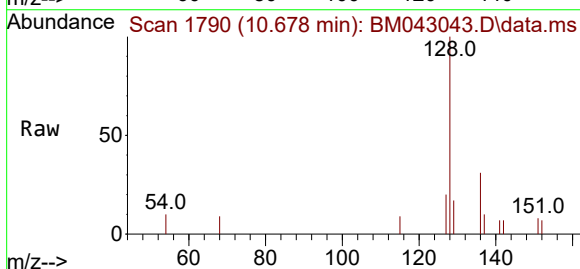
Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

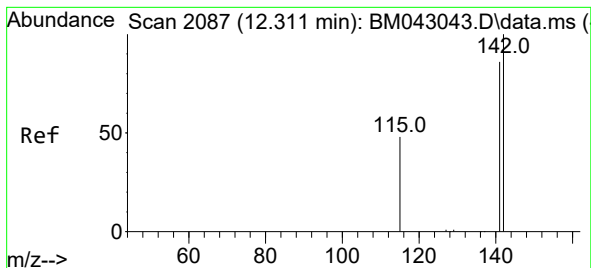
Tgt Ion: 88 Resp: 433
Ion Ratio Lower Upper
88 100
43 24.8 22.8 34.2
58 30.0 26.8 40.2



#5
Naphthalene
Concen: 0.424 ng/ul
RT: 10.678 min Scan# 1790
Delta R.T. -0.021 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

Tgt Ion: 128 Resp: 2566
Ion Ratio Lower Upper
128 100
129 17.2 16.0 24.0
127 19.5 16.5 24.7

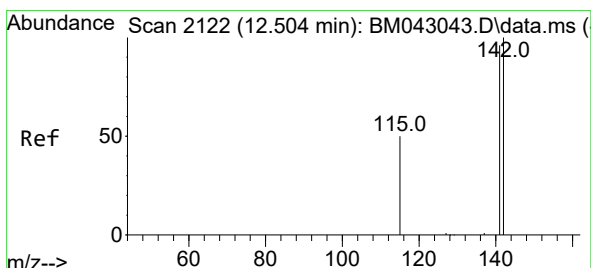
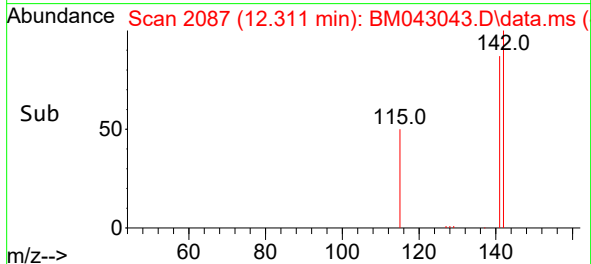
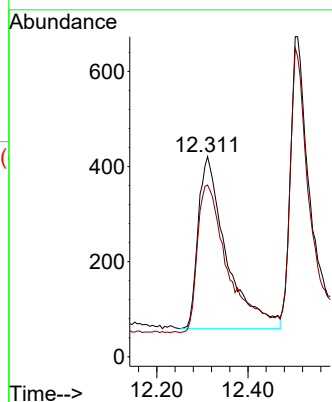
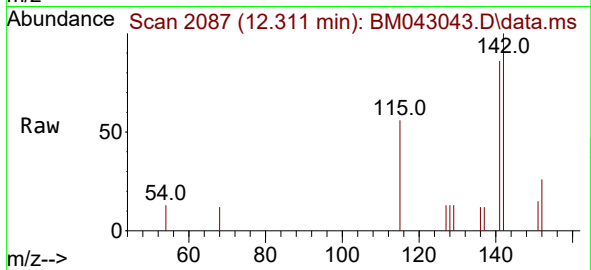




#7
2-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.311 min Scan# 2087
Delta R.T. -0.021 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

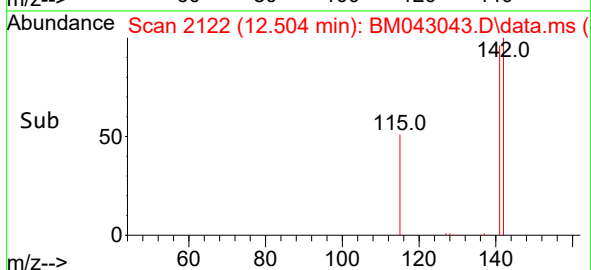
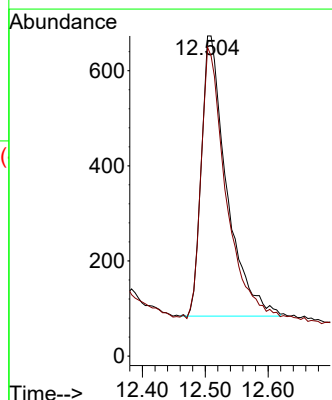
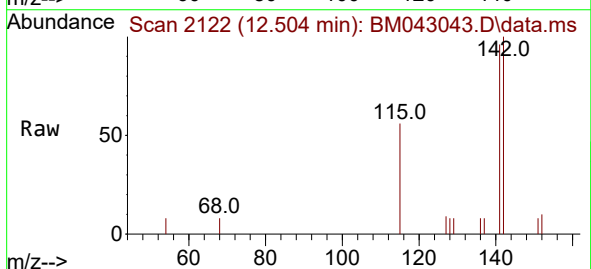
Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

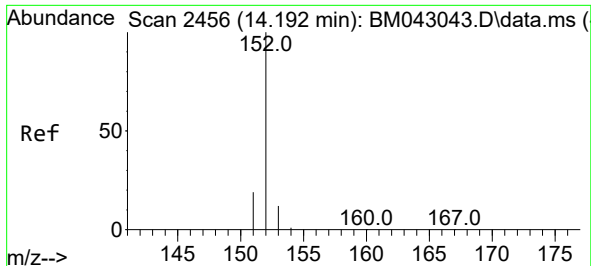
Tgt Ion:142 Resp: 1556
Ion Ratio Lower Upper
142 100
141 95.1 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.504 min Scan# 2122
Delta R.T. -0.015 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

Tgt Ion:142 Resp: 1638
Ion Ratio Lower Upper
142 100
141 93.8 73.8 110.8

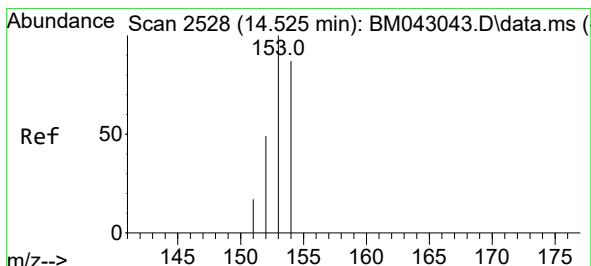
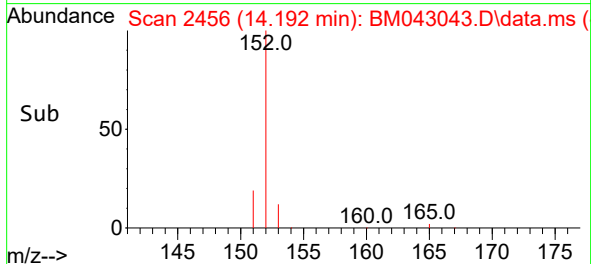
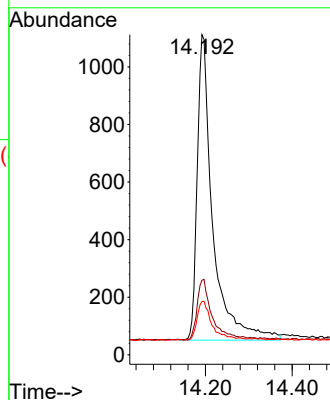
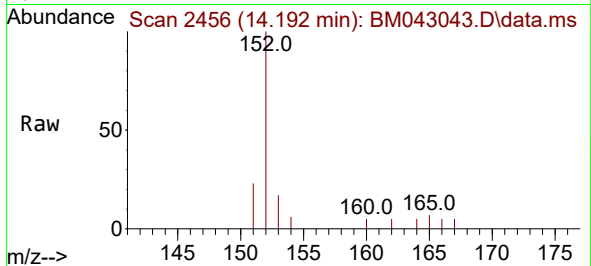




#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. -0.013 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

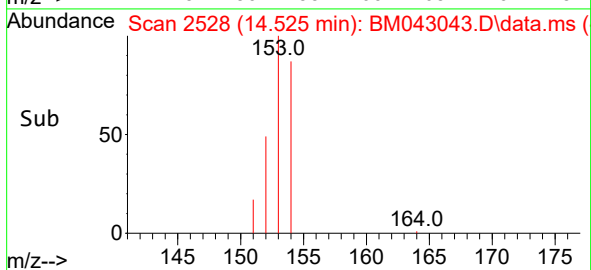
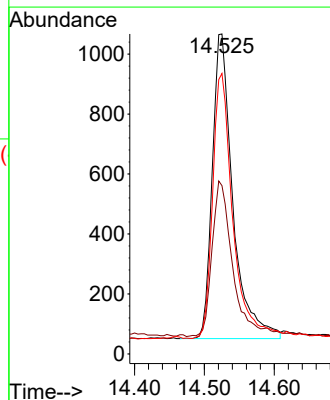
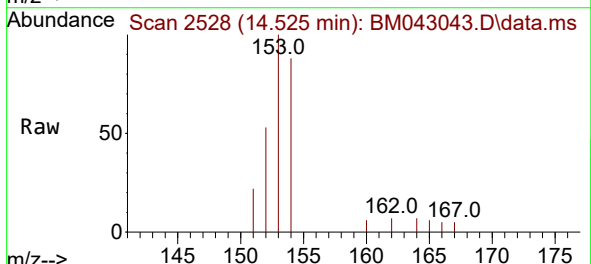
Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

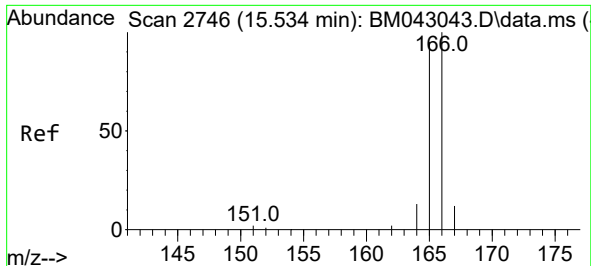
Tgt Ion:	152	Resp:	2636
Ion Ratio	Lower	Upper	
152	100		
151	23.3	19.4	29.0
153	16.6	14.6	21.8



#11
Acenaphthene
Concen: 0.428 ng/ul
RT: 14.525 min Scan# 2528
Delta R.T. -0.008 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

Tgt Ion:	153	Resp:	2078
Ion Ratio	Lower	Upper	
153	100		
152	52.6	43.9	65.9
154	87.6	70.6	105.8

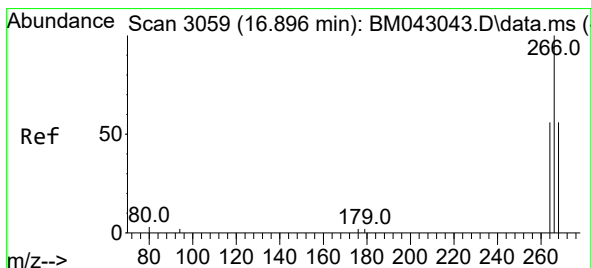
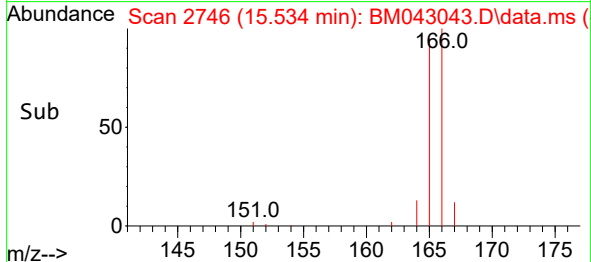
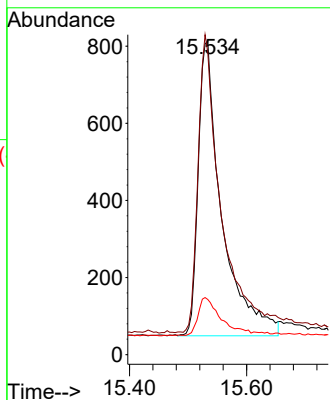
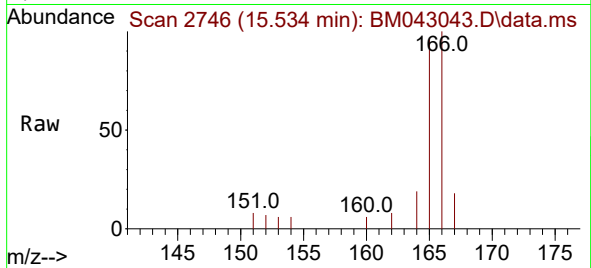




#12
Fluorene
Concen: 0.429 ng/ul
RT: 15.534 min Scan# 2138
Delta R.T. -0.003 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

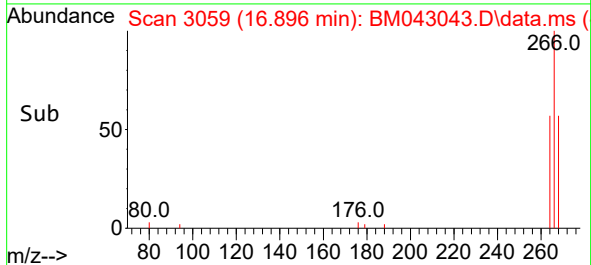
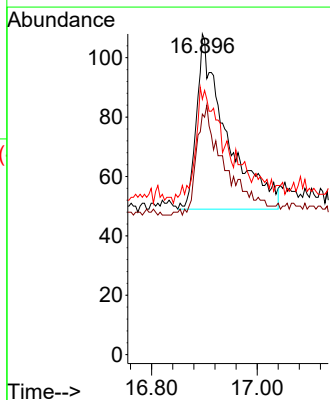
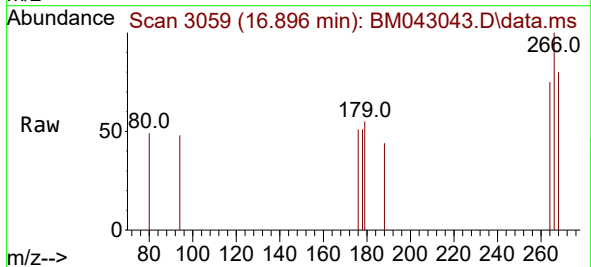
Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

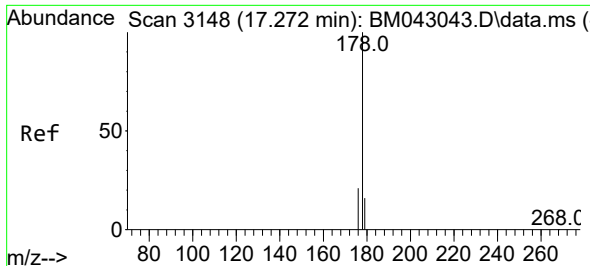
Tgt Ion:166 Resp: 2138
Ion Ratio Lower Upper
166 100
165 96.3 79.9 119.9
167 17.6 14.2 21.4



#14
Pentachlorophenol
Concen: 0.339 ng/ul
RT: 16.896 min Scan# 3059
Delta R.T. -0.016 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

Tgt Ion:266 Resp: 232
Ion Ratio Lower Upper
266 100
264 61.2 48.8 73.2
268 55.6 51.8 77.6

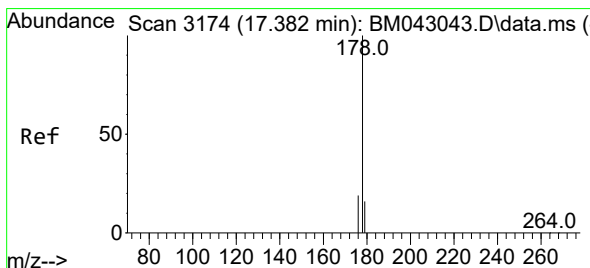
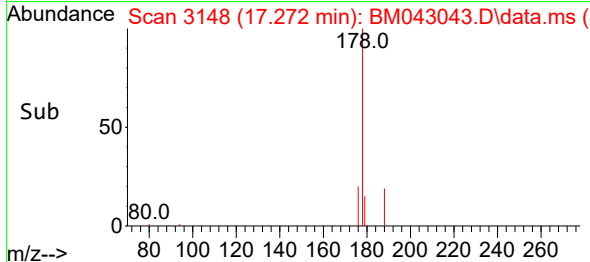
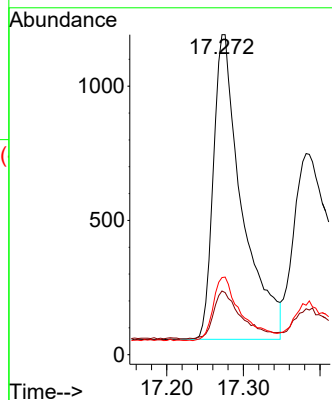
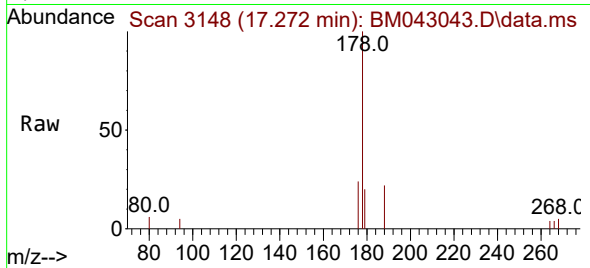




#15
Phenanthrene
Concen: 0.406 ng/ul
RT: 17.272 min Scan# 3148
Delta R.T. -0.007 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

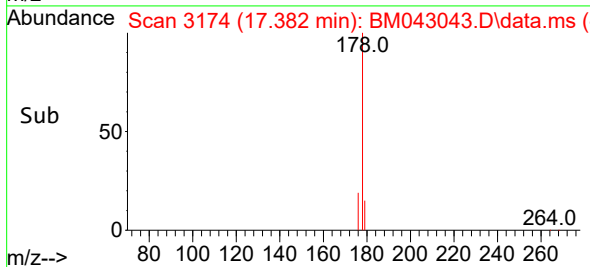
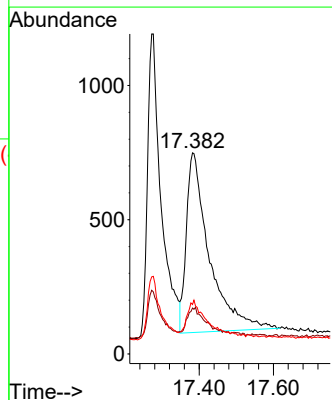
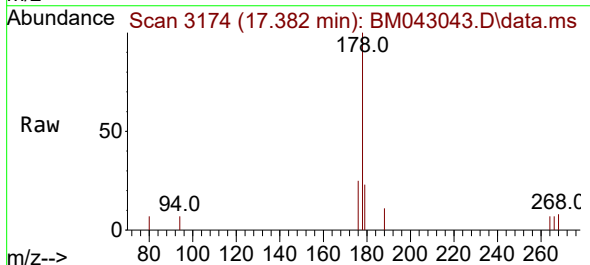
Instrument :
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ClientSampleId :
SSTD0.4138

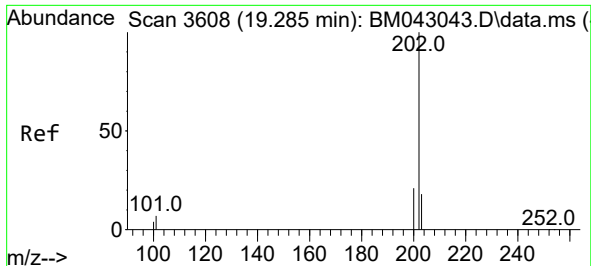
Tgt Ion:	178	Resp:	2934
Ion Ratio	Lower	Upper	
178	100		
179	19.9	15.7	23.5
176	24.1	18.9	28.3



#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.382 min Scan# 3174
Delta R.T. -0.011 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

Tgt Ion:	178	Resp:	2866
Ion Ratio	Lower	Upper	
178	100		
179	22.8	17.3	25.9
176	24.6	20.5	30.7

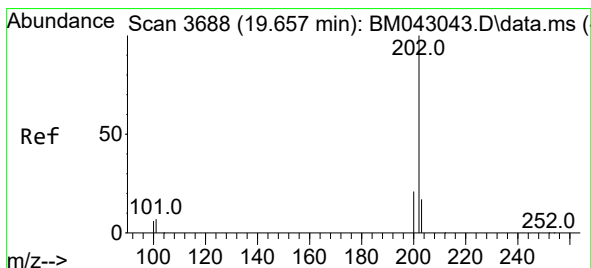
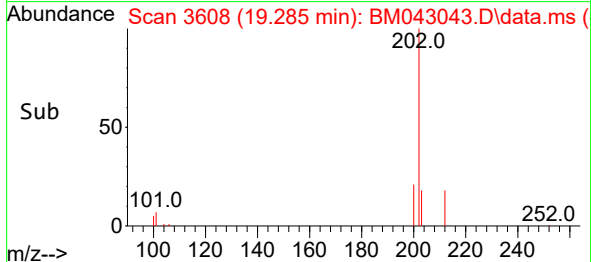
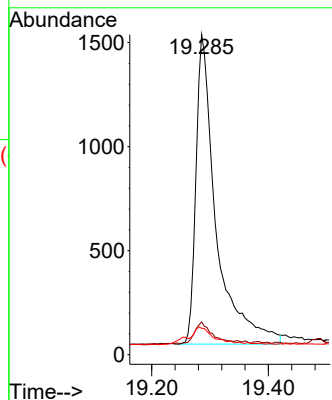
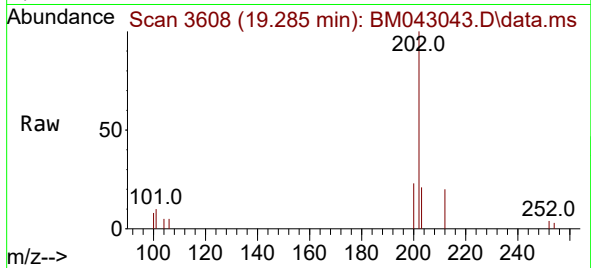




#19
Fluoranthene
Concen: 0.421 ng/ul
RT: 19.285 min Scan# 3608
Delta R.T. -0.008 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

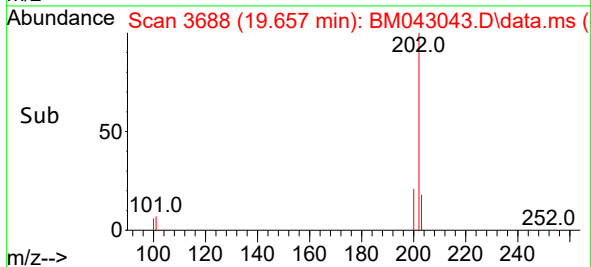
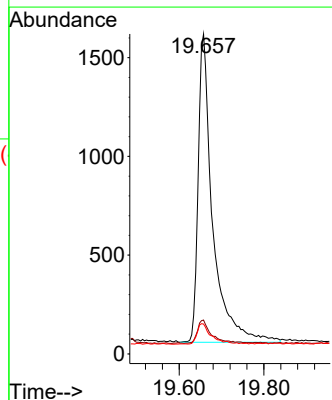
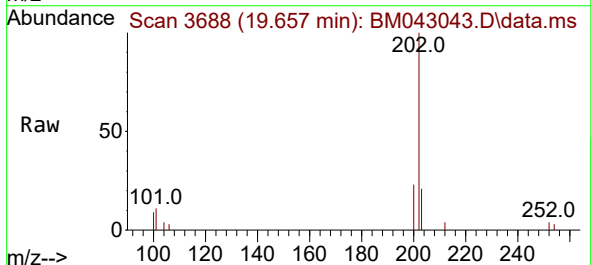
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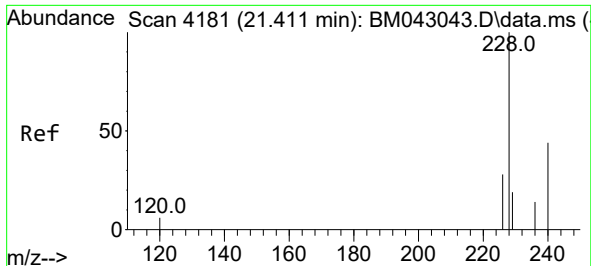
Tgt Ion:202 Resp: 3573
Ion Ratio Lower Upper
202 100
101 10.2 7.8 11.8
100 8.3 7.1 10.7



#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.657 min Scan# 3688
Delta R.T. -0.003 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

Tgt Ion:202 Resp: 3724
Ion Ratio Lower Upper
202 100
101 10.6 8.7 13.1
100 9.3 7.8 11.8

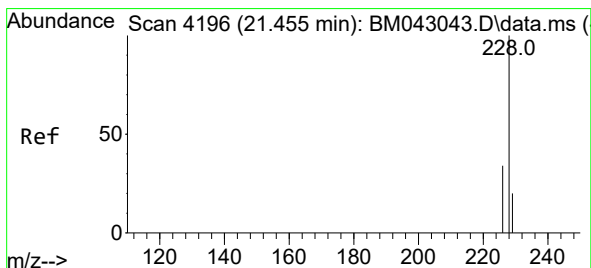
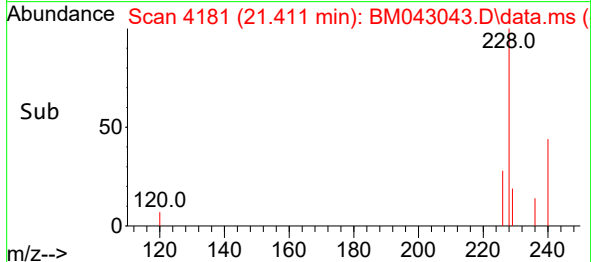
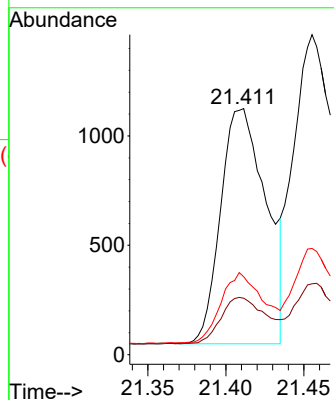
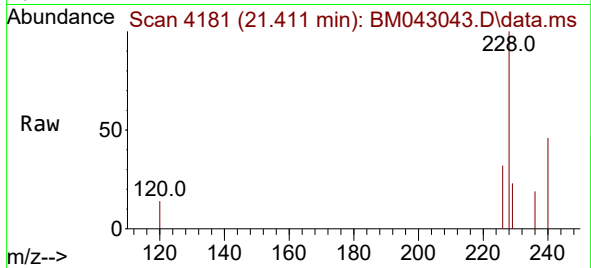




#21
Benzo(a)anthracene
Concen: 0.449 ng/ul
RT: 21.411 min Scan# 4181
Delta R.T. -0.000 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

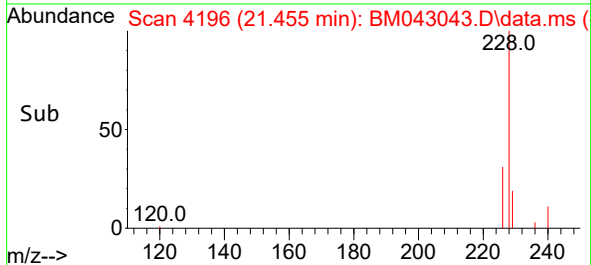
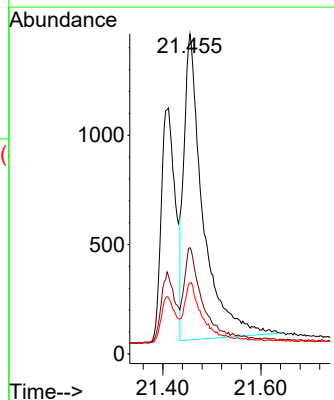
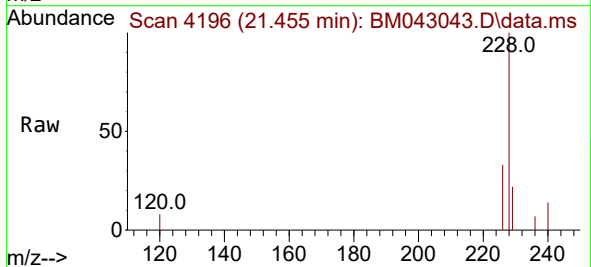
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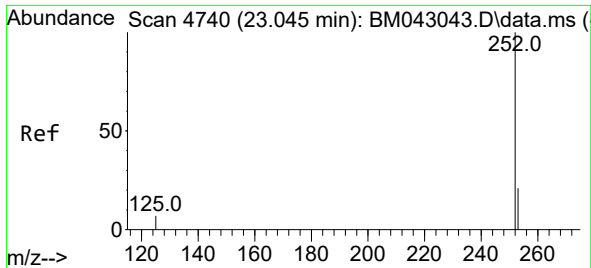
Tgt Ion:228 Resp: 2180
Ion Ratio Lower Upper
228 100
229 22.9 19.4 29.0
226 31.6 24.9 37.3



#22
Chrysene
Concen: 0.416 ng/ul
RT: 21.455 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

Tgt Ion:228 Resp: 3765
Ion Ratio Lower Upper
228 100
226 33.2 27.2 40.8
229 22.1 18.0 27.0

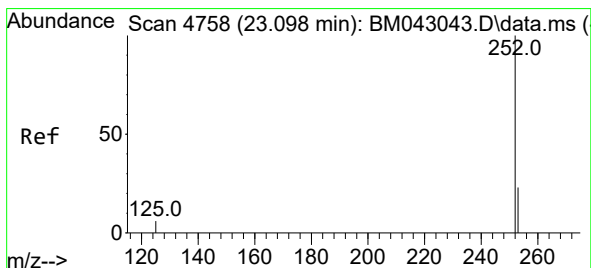
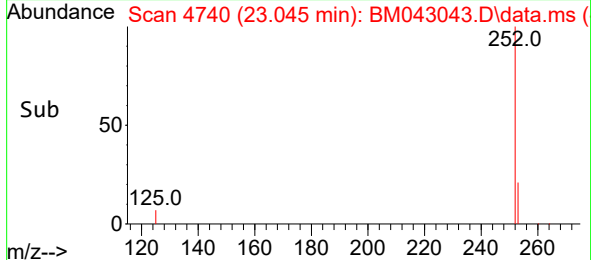
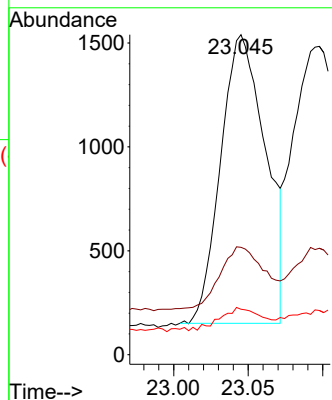
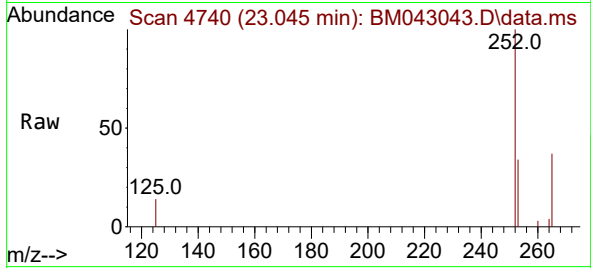




#24
Benzo(b)fluoranthene
Concen: 0.436 ng/ul
RT: 23.045 min Scan# 4740
Delta R.T. -0.006 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

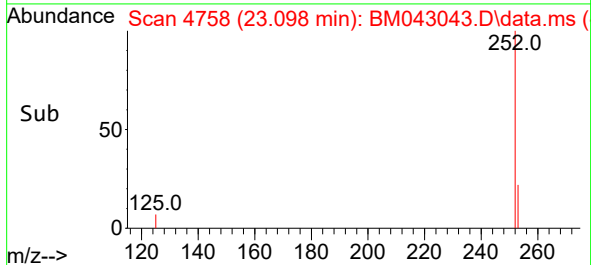
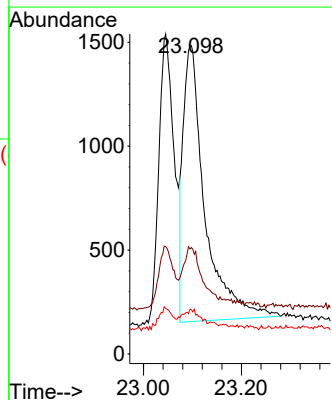
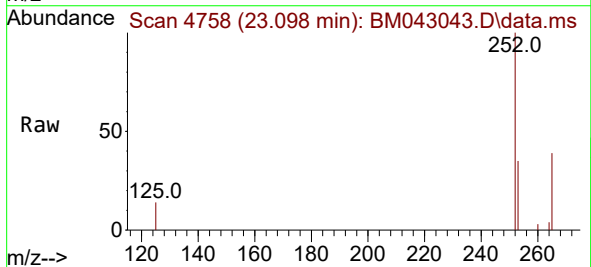
Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

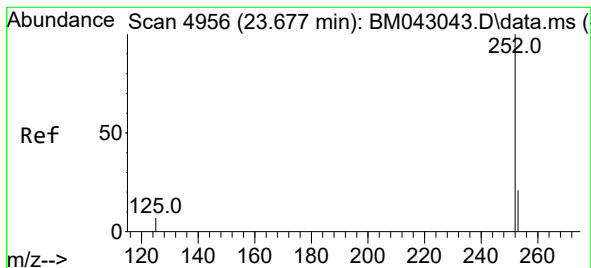
Tgt Ion:252 Resp: 2909
Ion Ratio Lower Upper
252 100
253 33.6 0.0 71.8
125 14.2 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.446 ng/ul
RT: 23.098 min Scan# 4758
Delta R.T. -0.000 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

Tgt Ion:252 Resp: 4093
Ion Ratio Lower Upper
252 100
253 34.5 28.2 42.2
125 14.4 11.0 16.6





#26

Benzo(a)pyrene

Concen: 0.433 ng/ul

RT: 23.677 min Scan# 4956

Delta R.T. -0.009 min

Lab File: BM043043.D

Acq: 27 Nov 2023 09:42

Instrument :

BNA_M

ClientSampleId :

SSTD0.4138

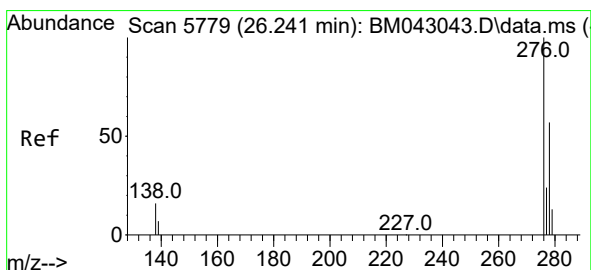
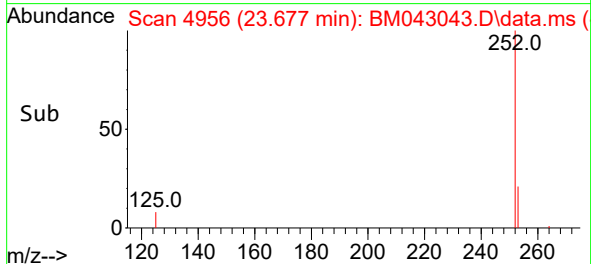
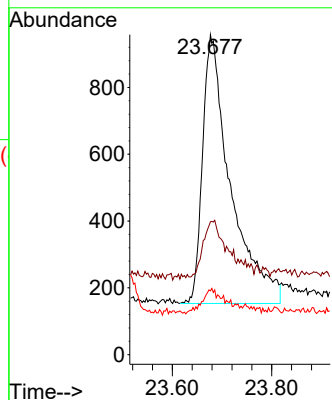
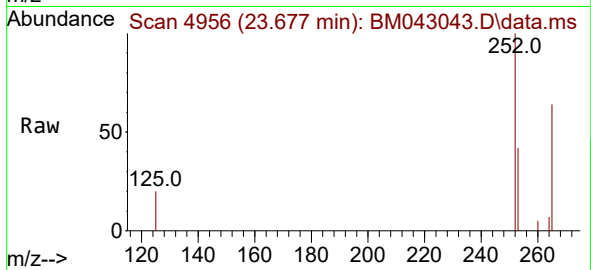
Tgt Ion:252 Resp: 3152

Ion Ratio Lower Upper

252 100

253 41.5 36.6 55.0

125 19.9 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.449 ng/ul

RT: 26.241 min Scan# 5779

Delta R.T. 0.003 min

Lab File: BM043043.D

Acq: 27 Nov 2023 09:42

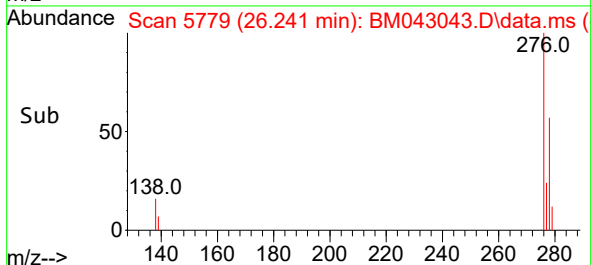
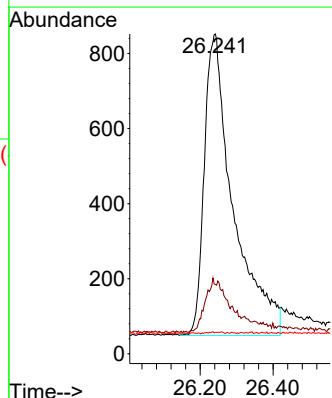
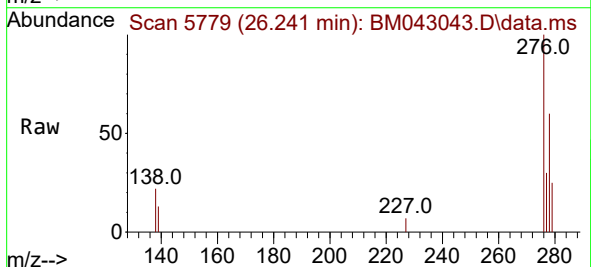
Tgt Ion:276 Resp: 4422

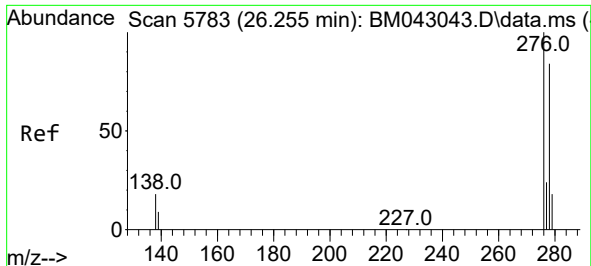
Ion Ratio Lower Upper

276 100

138 17.2 0.0 0.0#

227 0.2 0.2 0.2#

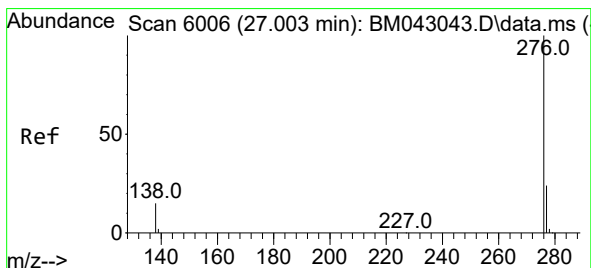
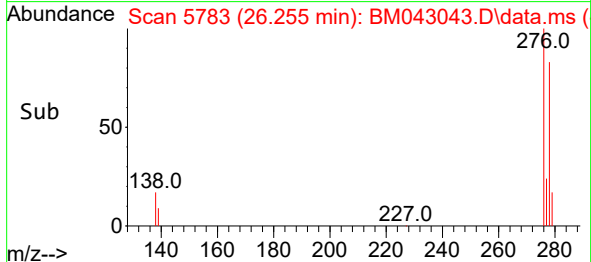
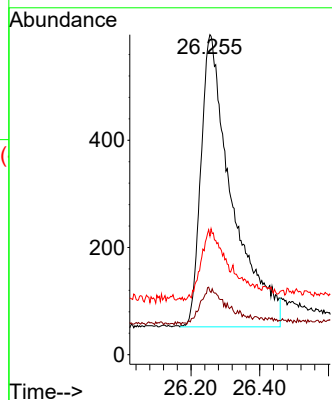
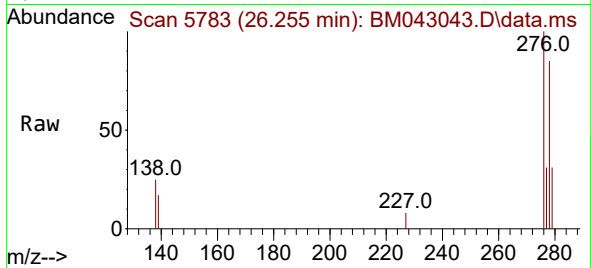




#28
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.255 min Scan# 5783
Delta R.T. -0.021 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Tgt Ion:278 Resp: 3420
Ion Ratio Lower Upper
278 100
139 19.8 18.1 27.1
279 37.0 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 27.003 min Scan# 6006
Delta R.T. -0.007 min
Lab File: BM043043.D
Acq: 27 Nov 2023 09:42

Tgt Ion:276 Resp: 4270
Ion Ratio Lower Upper
276 100
138 21.2 17.8 26.8
277 28.9 23.8 35.8

