

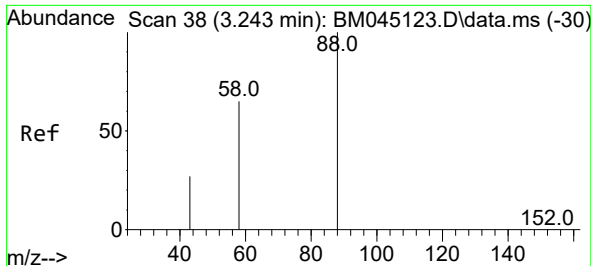
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041324\
 Data File : BM045238.D
 Acq On : 14 Apr 2024 12:16
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4075

Quant Time: Apr 15 00:39:59 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 : Mon Apr 15 00:32:25 2024
 Response via : Initial Calibration

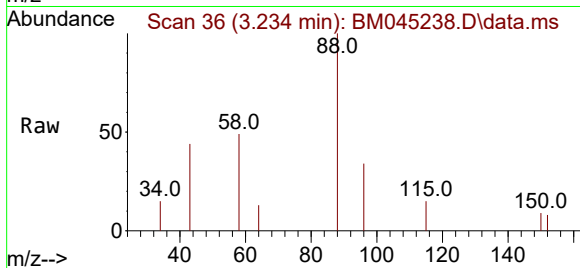
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	1133	0.400	ng/ul	0.03
4) Naphthalene-d8	10.413	136	3341	0.400	ng/ul #	0.02
9) Acenaphthene-d10	14.270	164	1614	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.044	188	3509	0.400	ng/ul #	0.01
17) Chrysene-d12	21.248	240	2691	0.400	ng/ul #	0.00
23) Perylene-d12	23.466	264	3415	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	725	0.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	1698	0.375	ng/ul	0.03
18) Fluoranthene-d10	19.072	212	3260	0.479	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	710	0.498	ng/ul#	89
5) Naphthalene	10.468	128	3531	0.398	ng/ul	96
7) 2-Methylnaphthalene	12.107	142	2023	0.382	ng/ul	98
8) 1-Methylnaphthalene	12.305	142	2218	0.384	ng/ul	99
10) Acenaphthylene	13.998	152	3243	0.403	ng/ul	96
11) Acenaphthene	14.335	153	2384	0.414	ng/ul	99
12) Fluorene	15.353	166	2507	0.388	ng/ul	98
14) Pentachlorophenol	16.719	266	255	0.310	ng/ul	93
15) Phenanthrene	17.086	178	3844	0.389	ng/ul	97
16) Anthracene	17.086	178	3844	0.395	ng/ul	96
19) Fluoranthene	19.104	202	4667	0.485	ng/ul	96
20) Pyrene	19.467	202	4961	0.489	ng/ul#	94
21) Benzo(a)anthracene	21.236	228	3549	0.379	ng/ul	98
22) Chrysene	21.283	228	5291	0.453	ng/ul	97
24) Benzo(b)fluoranthene	22.796	252	4656	0.378	ng/ul	96
25) Benzo(k)fluoranthene	22.796	252	4698	0.340	ng/ul	94
26) Benzo(a)pyrene	23.375	252	4938	0.419	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.718	276	6266	0.388	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.748	278	4866	0.381	ng/ul#	87
29) Benzo(g,h,i)perylene	26.369	276	5758	0.414	ng/ul#	92

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

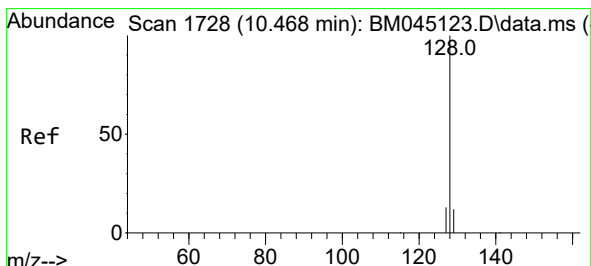
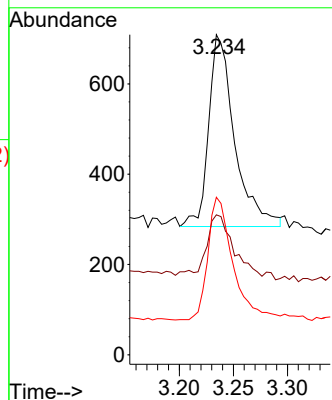
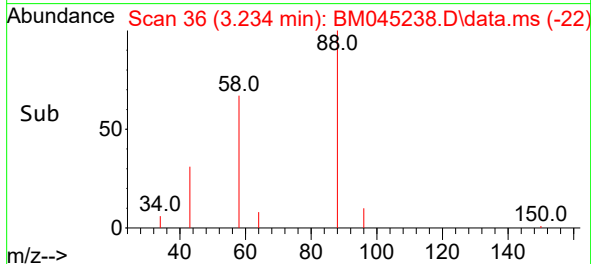


#2
1,4-Dioxane
Concen: 0.498 ng/ul
RT: 3.234 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.4075

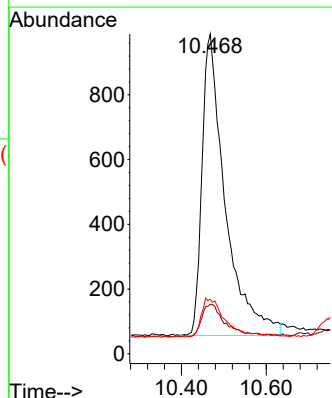
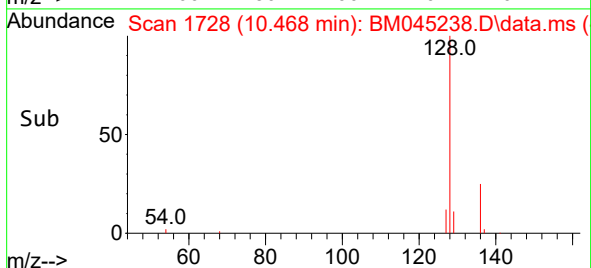
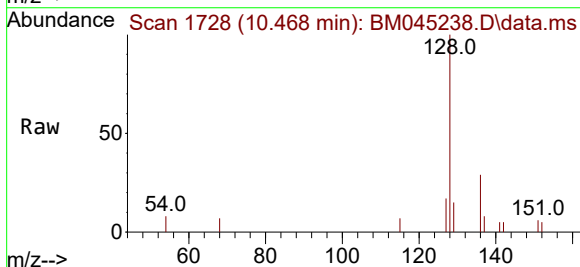


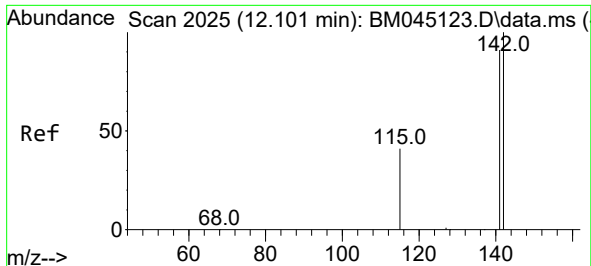
Tgt Ion: 88 Resp: 710
Ion Ratio Lower Upper
88 100
43 43.7 30.6 46.0
58 49.2 32.6 48.8#



#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.468 min Scan# 1728
Delta R.T. 0.027 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

Tgt Ion:128 Resp: 3531
Ion Ratio Lower Upper
128 100
129 15.5 11.3 16.9
127 17.0 11.9 17.9

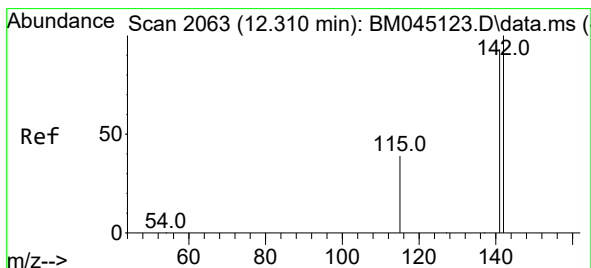
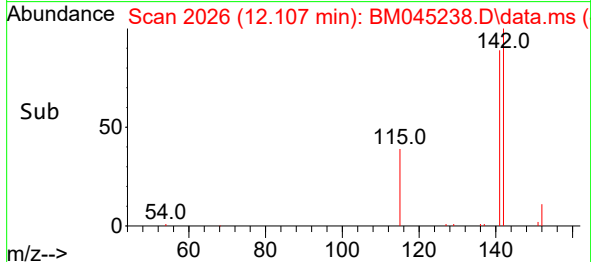
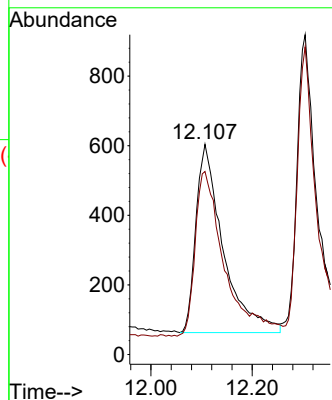
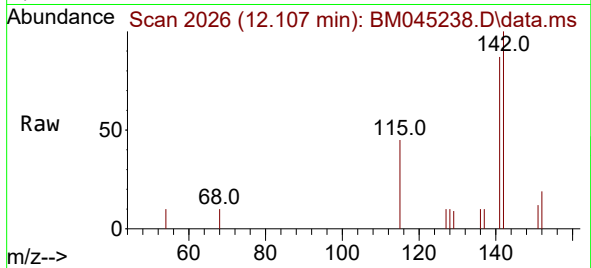




#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.107 min Scan# 2023
Delta R.T. 0.033 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

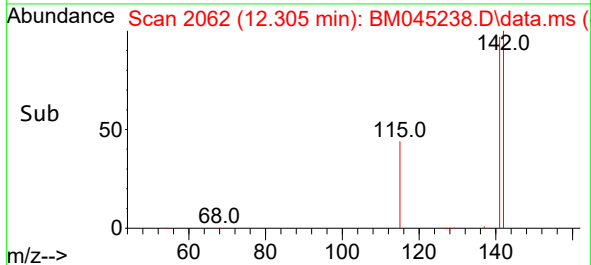
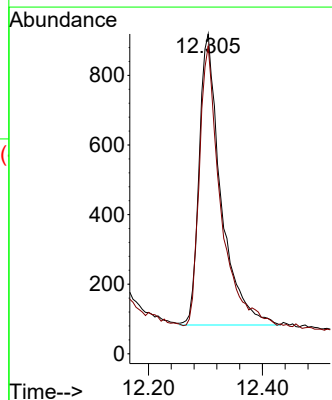
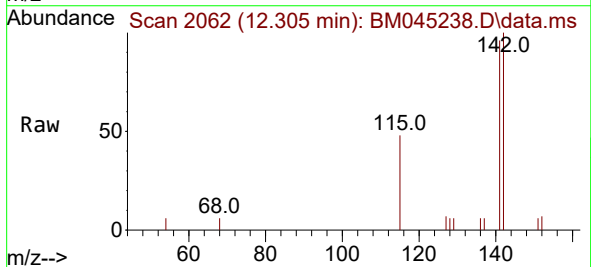
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ClientSampleId :
SSTD0.4075

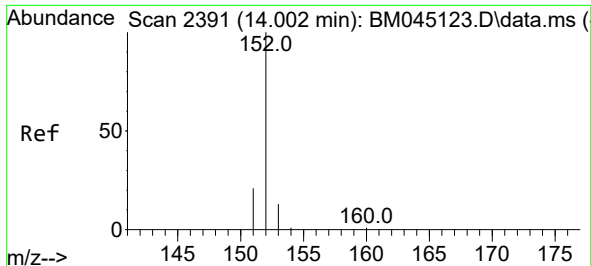
Tgt Ion:142 Resp: 2023
Ion Ratio Lower Upper
142 100
141 94.5 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. 0.016 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

Tgt Ion:142 Resp: 2218
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.2

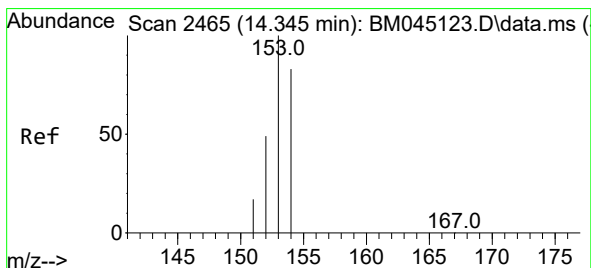
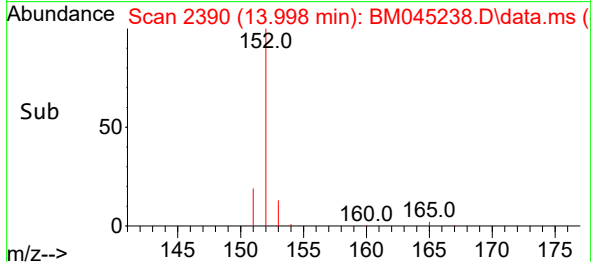
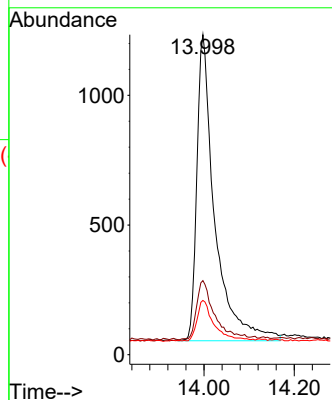
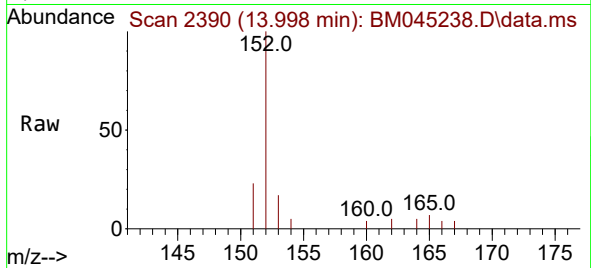




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 13.998 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

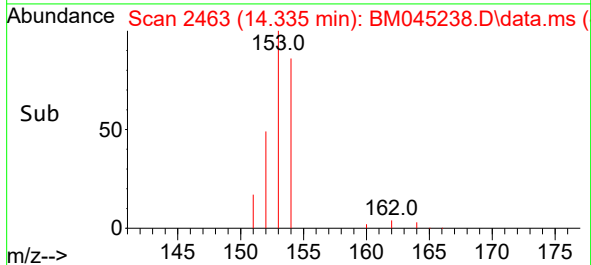
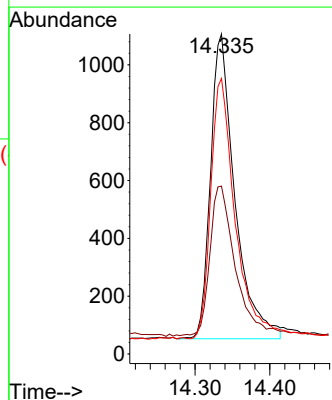
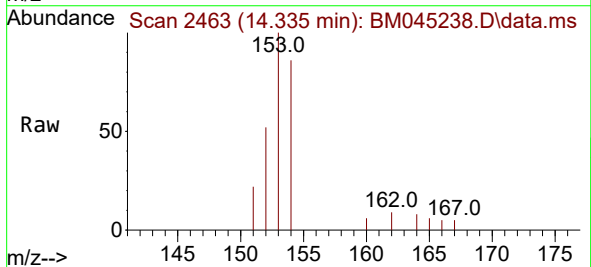
Instrument :
BNA_M
ClientSampleId :
SSTD0.4075

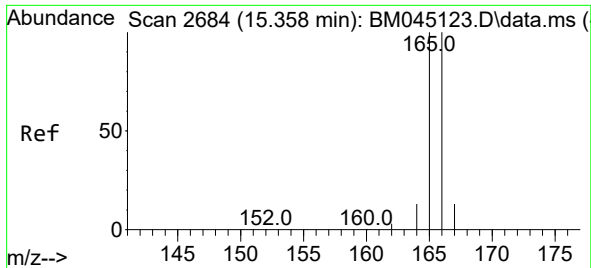
Tgt Ion:152 Resp: 3243
Ion Ratio Lower Upper
152 100
151 23.2 17.0 25.4
153 16.9 11.9 17.9



#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.335 min Scan# 2463
Delta R.T. 0.009 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

Tgt Ion:153 Resp: 2384
Ion Ratio Lower Upper
153 100
152 52.5 41.2 61.8
154 86.1 69.4 104.0

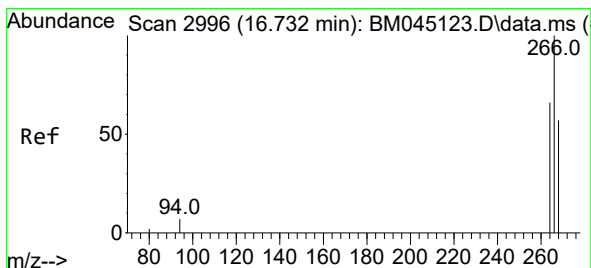
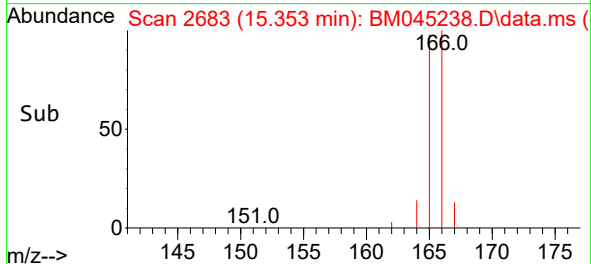
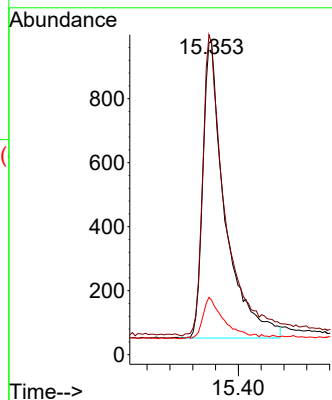
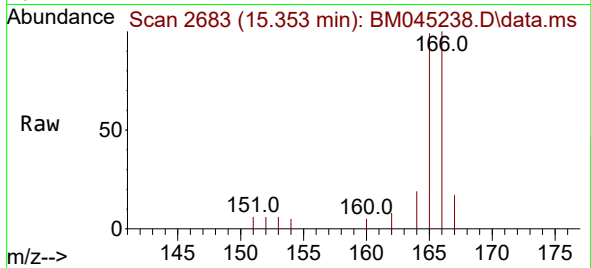




#12
Fluorene
Concen: 0.388 ng/ul
RT: 15.353 min Scan# 2
Delta R.T. 0.023 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

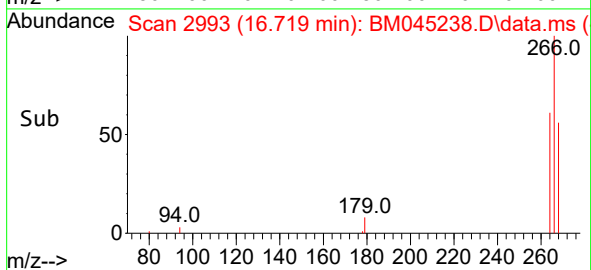
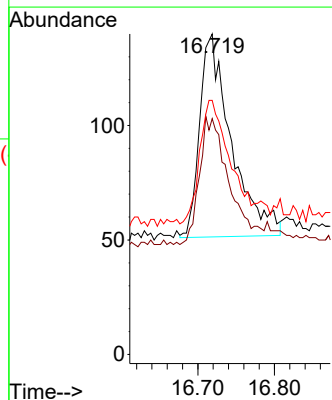
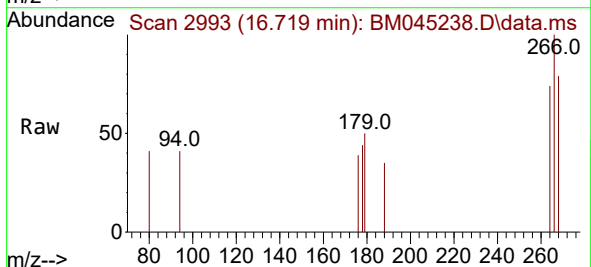
Instrument :
BNA_M
ClientSampleId :
SSTD0.4075

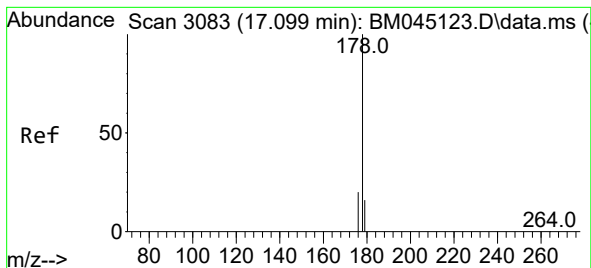
Tgt Ion:166 Resp: 2507
Ion Ratio Lower Upper
166 100
165 99.0 79.9 119.9
167 17.4 12.2 18.2



#14
Pentachlorophenol
Concen: 0.310 ng/ul
RT: 16.719 min Scan# 2993
Delta R.T. 0.021 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

Tgt Ion:266 Resp: 255
Ion Ratio Lower Upper
266 100
264 67.5 48.3 72.5
268 62.4 52.6 79.0





#15

Phenanthrene

Concen: 0.389 ng/ul

RT: 17.086 min Scan# 3080

Delta R.T. 0.013 min

Lab File: BM045238.D

Acq: 14 Apr 2024 12:16

Instrument :

BNA_M

ClientSampleId :

SSTD0.4075

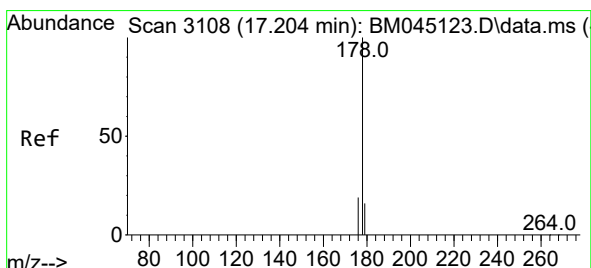
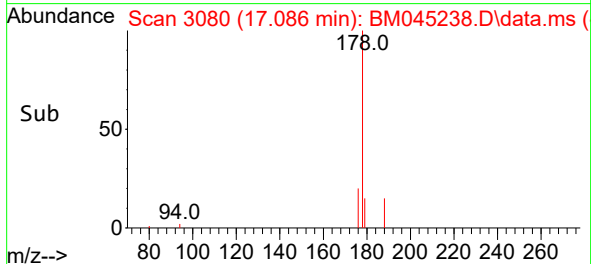
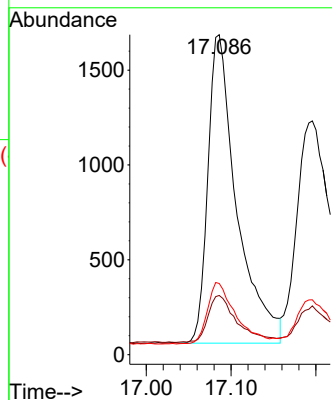
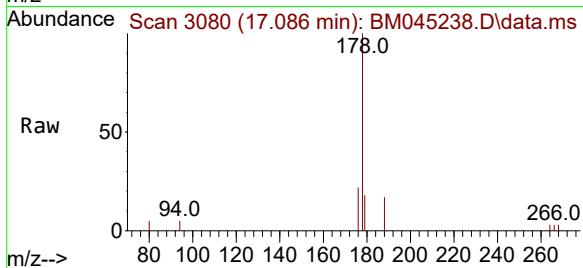
Tgt Ion:178 Resp: 3844

Ion Ratio Lower Upper

178 100

179 18.5 13.7 20.5

176 22.2 17.0 25.4



#16

Anthracene

Concen: 0.395 ng/ul

RT: 17.086 min Scan# 3080

Delta R.T. -0.085 min

Lab File: BM045238.D

Acq: 14 Apr 2024 12:16

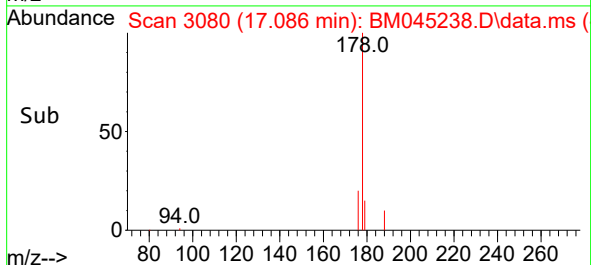
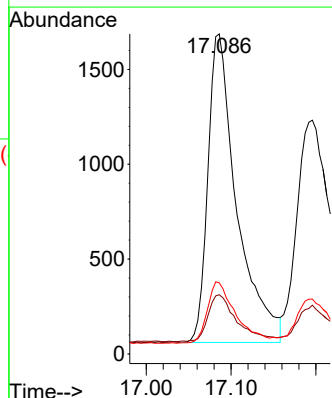
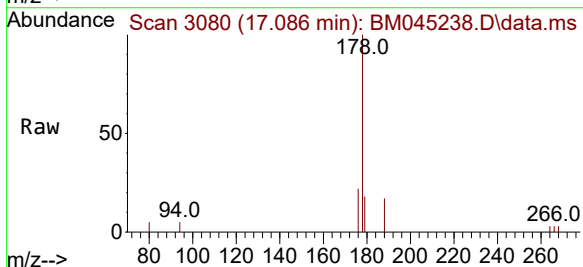
Tgt Ion:178 Resp: 3844

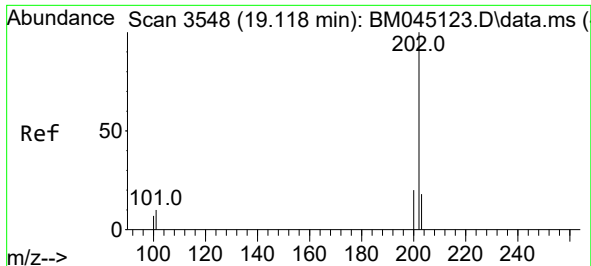
Ion Ratio Lower Upper

178 100

179 18.5 13.8 20.8

176 22.2 16.2 24.4

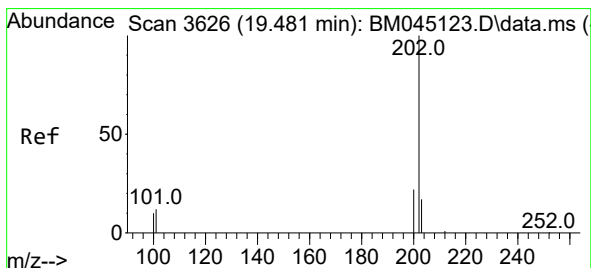
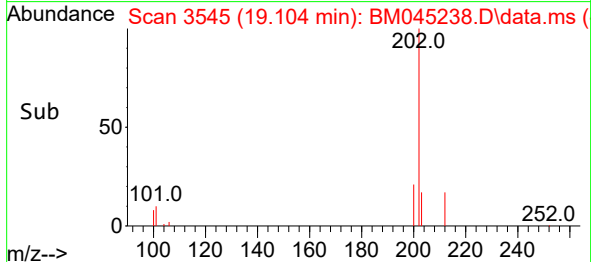
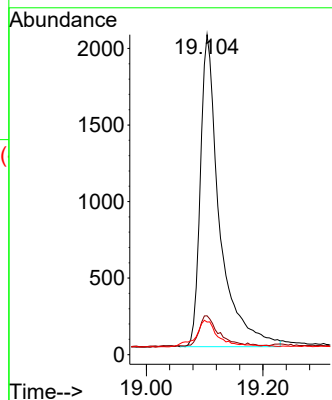
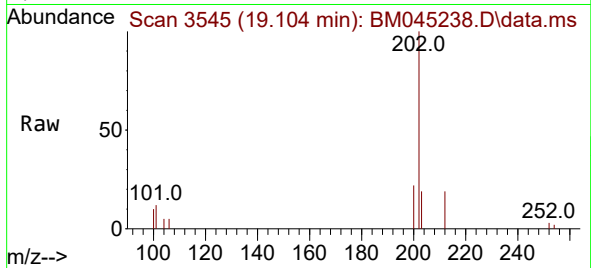




#19
Fluoranthene
Concen: 0.485 ng/ul
RT: 19.104 min Scan# 3545
Delta R.T. 0.009 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

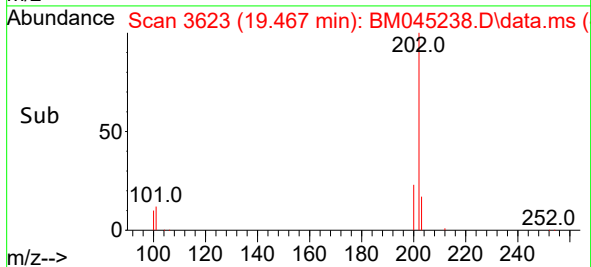
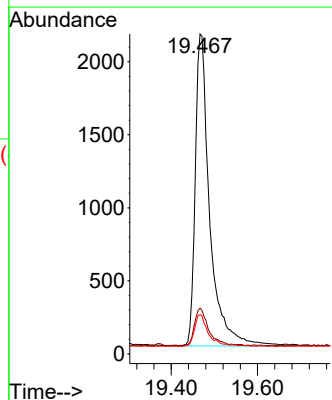
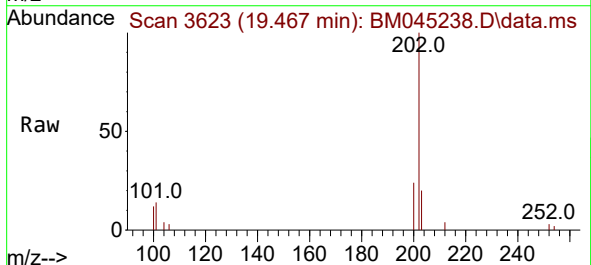
Instrument :
BNA_M
ClientSampleId :
SSTD0.4075

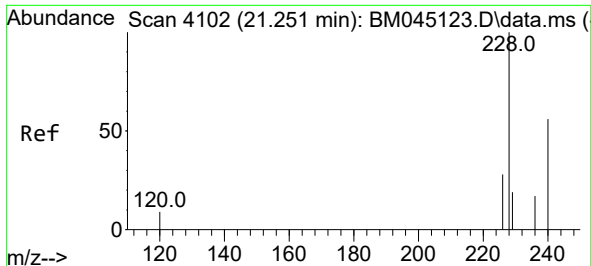
Tgt Ion:202 Resp: 4667
Ion Ratio Lower Upper
202 100
101 12.2 8.8 13.2
100 10.2 7.0 10.4



#20
Pyrene
Concen: 0.489 ng/ul
RT: 19.467 min Scan# 3623
Delta R.T. 0.005 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

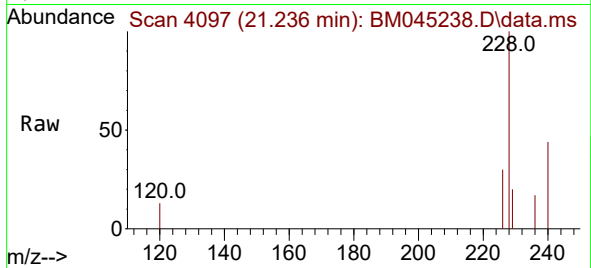
Tgt Ion:202 Resp: 4961
Ion Ratio Lower Upper
202 100
101 14.3 9.8 14.6
100 12.3 8.1 12.1#



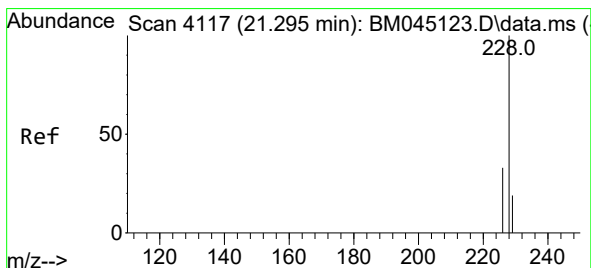
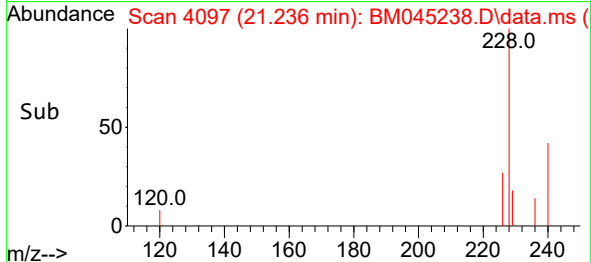
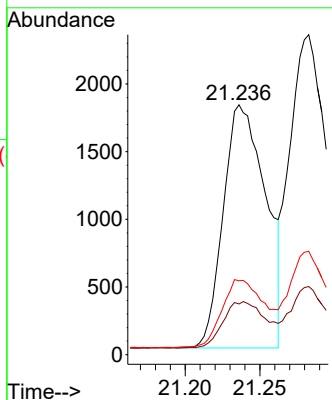


#21
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.236 min Scan# 4109
Delta R.T. 0.009 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.4075

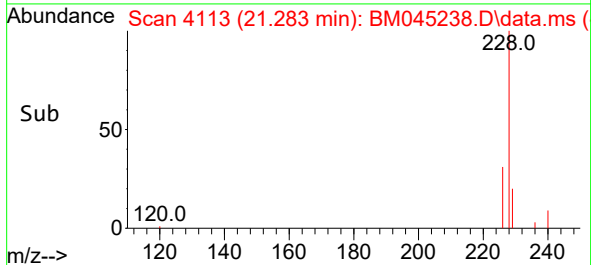
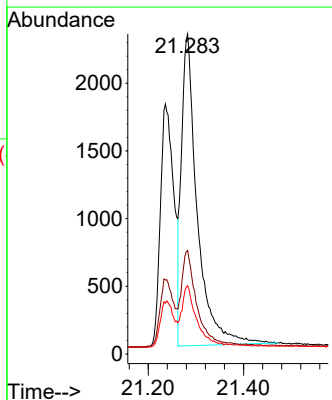
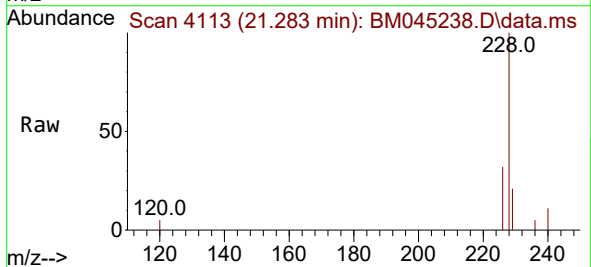


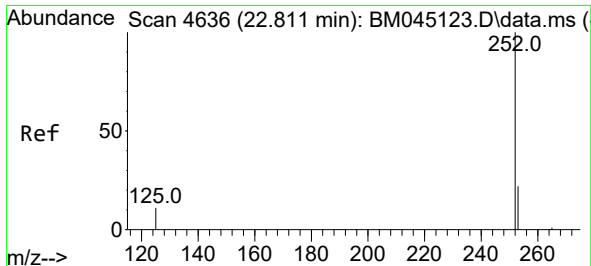
Tgt Ion:228 Resp: 3549
Ion Ratio Lower Upper
228 100
229 20.3 16.4 24.6
226 29.6 22.3 33.5



#22
Chrysene
Concen: 0.453 ng/ul
RT: 21.283 min Scan# 4113
Delta R.T. 0.006 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

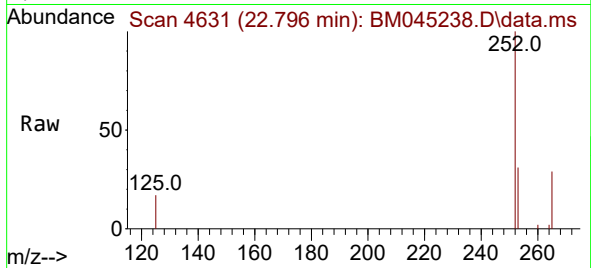
Tgt Ion:228 Resp: 5291
Ion Ratio Lower Upper
228 100
226 32.3 24.9 37.3
229 21.3 15.9 23.9



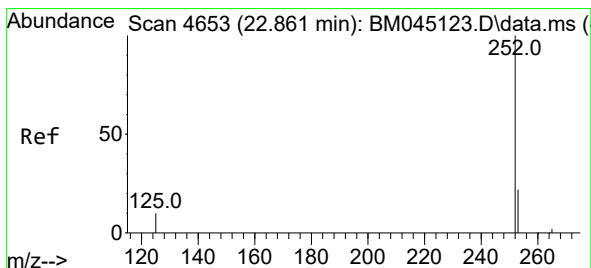
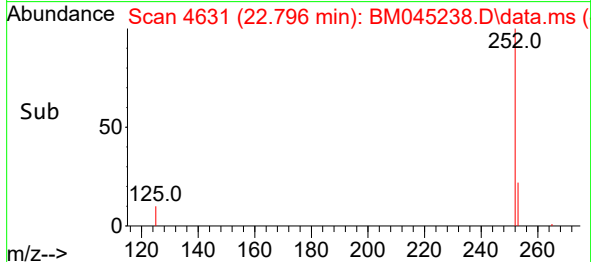
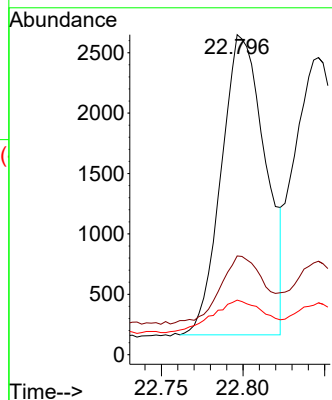


#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 22.796 min Scan# 4631
Delta R.T. 0.003 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.4075

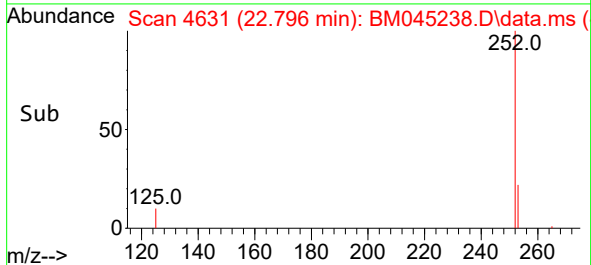
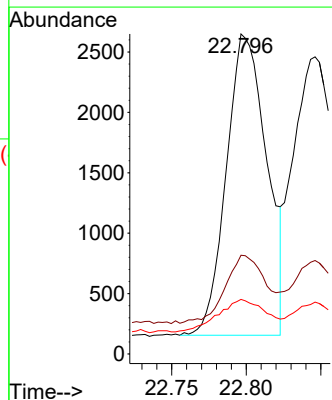
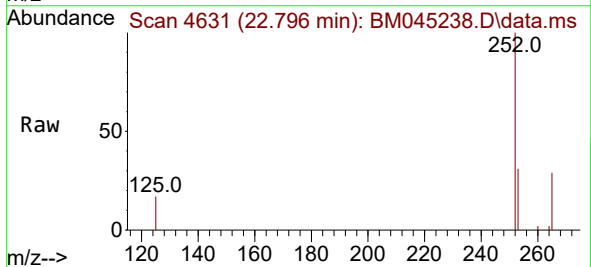


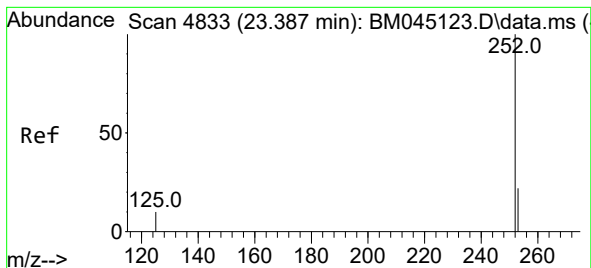
Tgt Ion:252 Resp: 4656
Ion Ratio Lower Upper
252 100
253 30.9 0.0 56.4
125 17.1 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul
RT: 22.796 min Scan# 4631
Delta R.T. -0.044 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

Tgt Ion:252 Resp: 4698
Ion Ratio Lower Upper
252 100
253 30.9 22.3 33.5
125 17.1 11.6 17.4





#26

Benzo(a)pyrene

Concen: 0.419 ng/ul

RT: 23.375 min Scan# 4

Delta R.T. 0.012 min

Lab File: BM045238.D

Acq: 14 Apr 2024 12:16

Instrument :

BNA_M

ClientSampleId :

SSTD0.4075

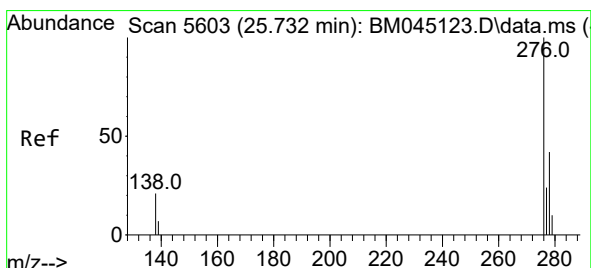
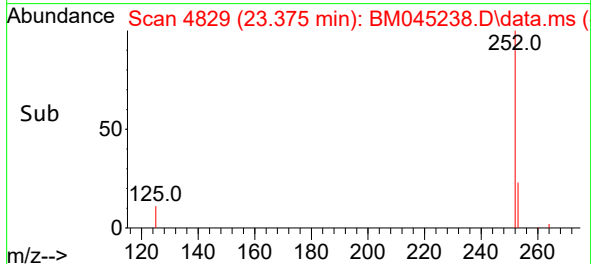
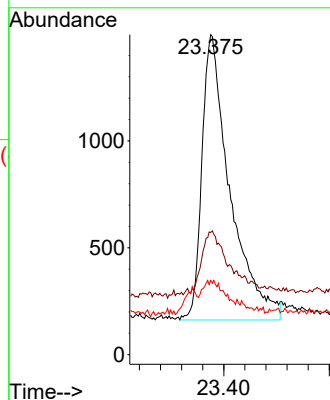
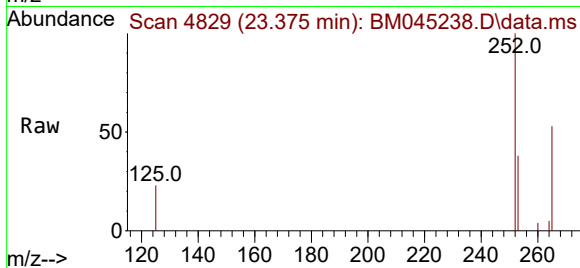
Tgt Ion:252 Resp: 4938

Ion Ratio Lower Upper

252 100

253 38.2 24.6 37.0#

125 23.2 18.2 27.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.388 ng/ul

RT: 25.718 min Scan# 5599

Delta R.T. 0.023 min

Lab File: BM045238.D

Acq: 14 Apr 2024 12:16

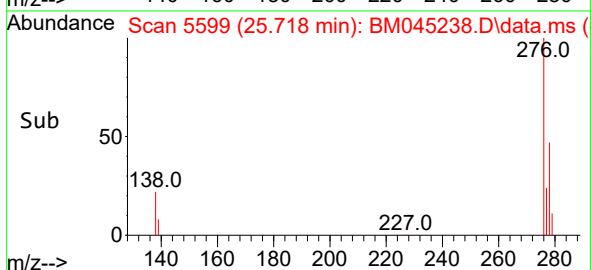
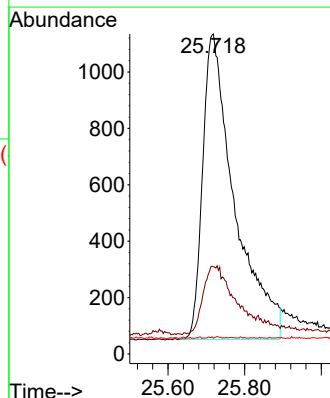
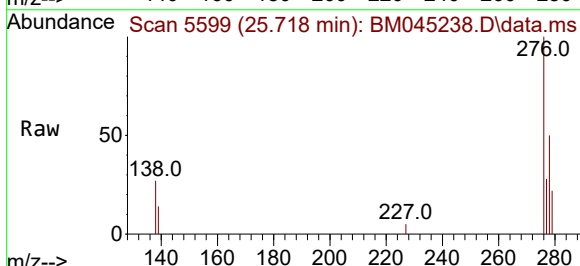
Tgt Ion:276 Resp: 6266

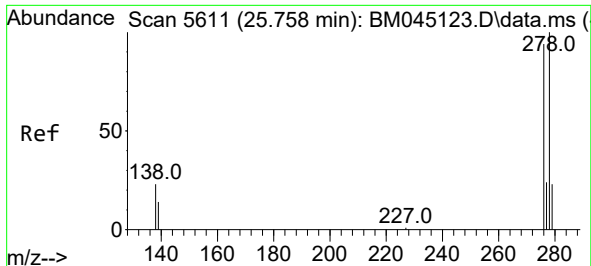
Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

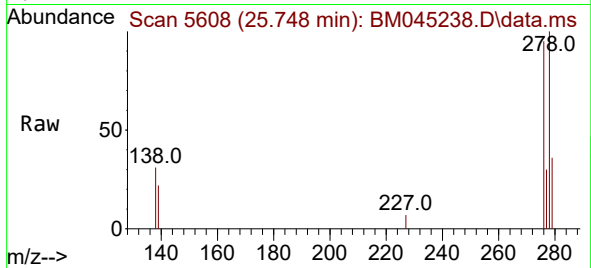
227 0.0 0.1 0.1#



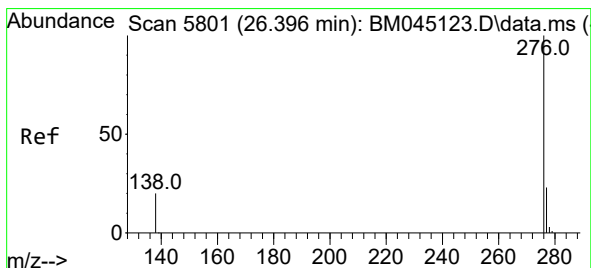
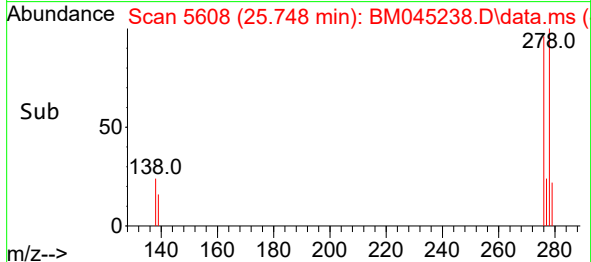
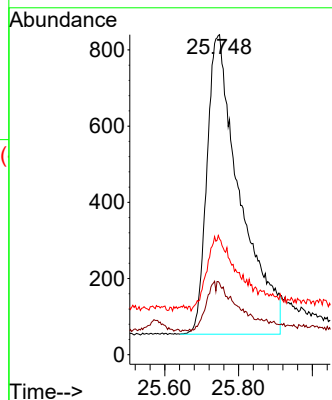


#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 25.748 min Scan# 5608
Delta R.T. 0.033 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.4075



Tgt Ion:278 Resp: 4866
Ion Ratio Lower Upper
278 100
139 22.4 13.6 20.4#
279 36.2 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 26.369 min Scan# 5793
Delta R.T. 0.003 min
Lab File: BM045238.D
Acq: 14 Apr 2024 12:16

Tgt Ion:276 Resp: 5758
Ion Ratio Lower Upper
276 100
138 26.1 16.8 25.2#
277 28.5 20.3 30.5

