

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040403.D
 Acq On : 26 Jun 2023 16:04
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4133

Quant Time: Jun 27 04:26:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

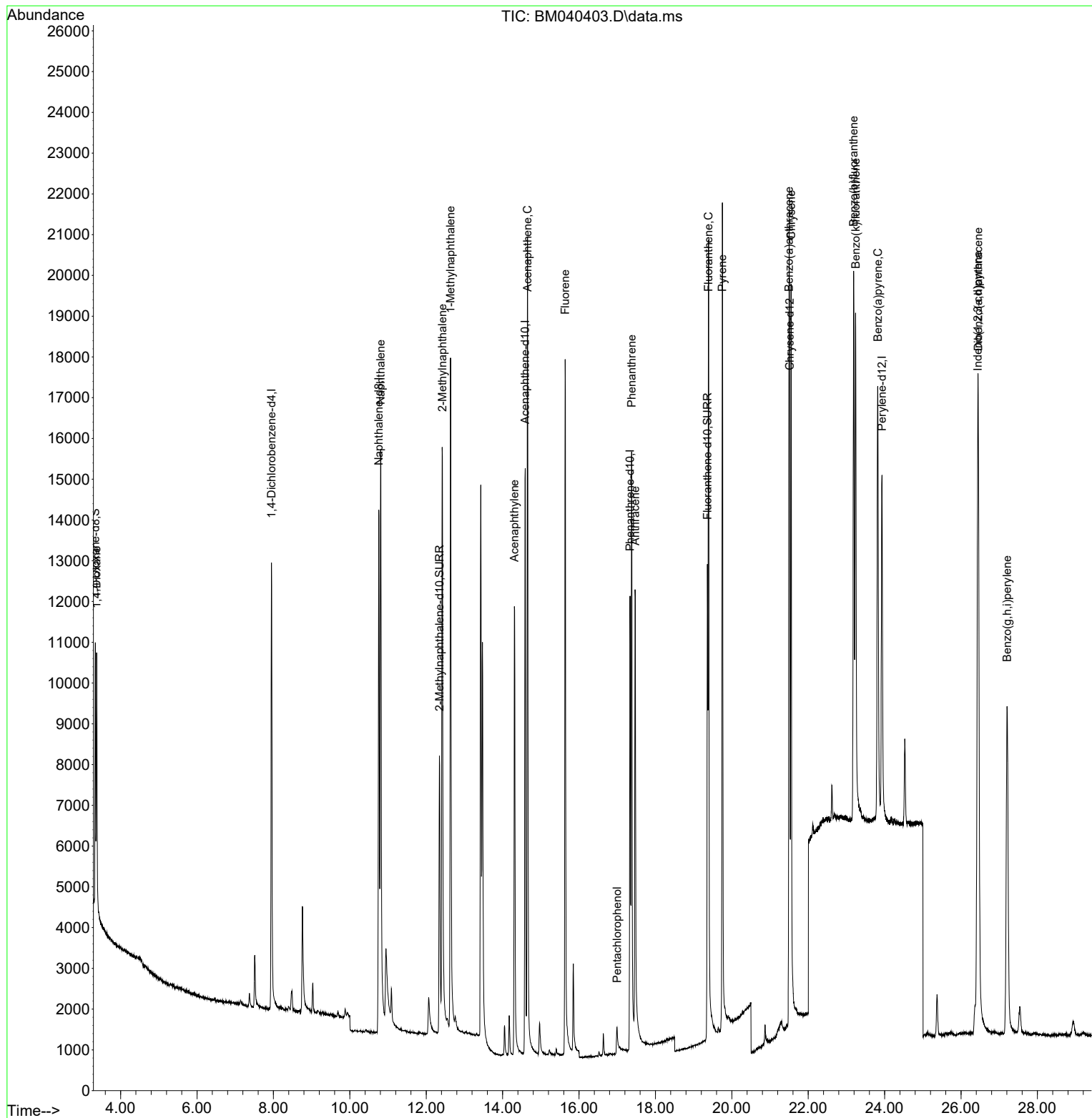
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	6394	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	21183	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	8658	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	14549	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	11765	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	12786	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	3903	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	11290	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	13777	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.371	88	3951	0.386	ng/ul	94
5) Naphthalene	10.805	128	23387	0.400	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	12771	0.372	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	12712	0.371	ng/ul	100
10) Acenaphthylene	14.309	152	15553	0.402	ng/ul	99
11) Acenaphthene	14.651	153	12479	0.382	ng/ul	98
12) Fluorene	15.636	166	12488	0.358	ng/ul	99
14) Pentachlorophenol	16.994	266	1020	0.364	ng/ul	98
15) Phenanthrene	17.379	178	17061	0.378	ng/ul	99
16) Anthracene	17.467	178	14981	0.394	ng/ul	98
19) Fluoranthene	19.389	202	17812	0.356	ng/ul	99
20) Pyrene	19.751	202	19423	0.363	ng/ul	98
21) Benzo(a)anthracene	21.497	228	16265	0.409	ng/ul	98
22) Chrysene	21.550	228	17030	0.375	ng/ul	99
24) Benzo(b)fluoranthene	23.189	252	17948	0.363	ng/ul	92
25) Benzo(k)fluoranthene	23.239	252	17784	0.365	ng/ul	95
26) Benzo(a)pyrene	23.821	252	16747	0.376	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.437	276	22725	0.366	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.451	278	17915	0.369	ng/ul	98
29) Benzo(g,h,i)perylene	27.205	276	19194	0.353	ng/ul	99

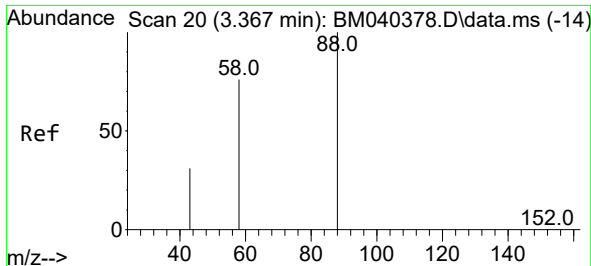
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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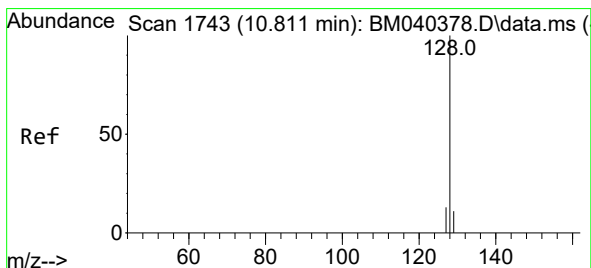
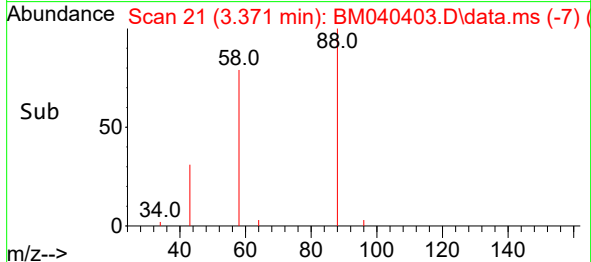
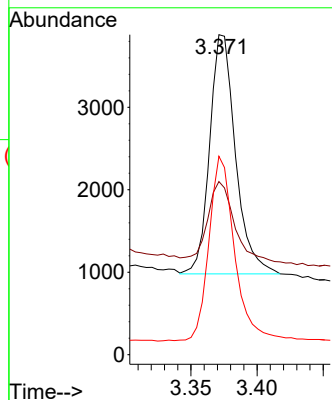
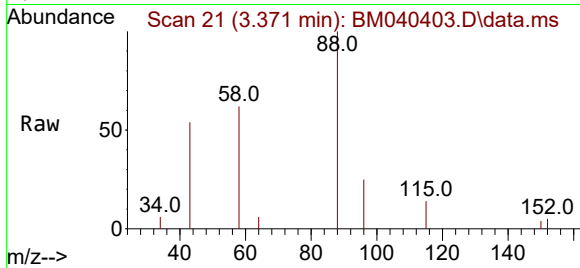




#2
1,4-Dioxane
Concen: 0.386 ng/ul
RT: 3.371 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

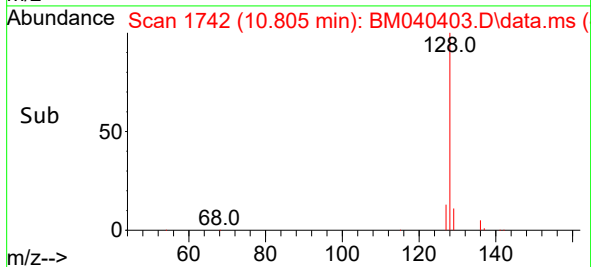
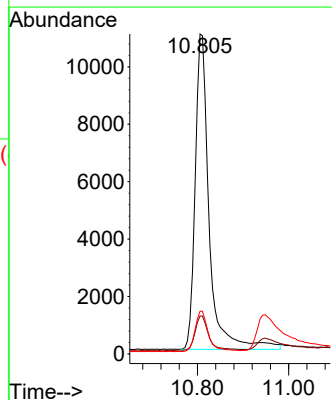
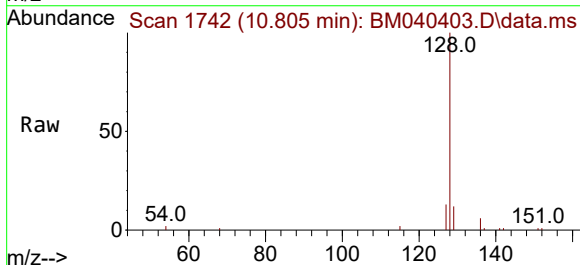
Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

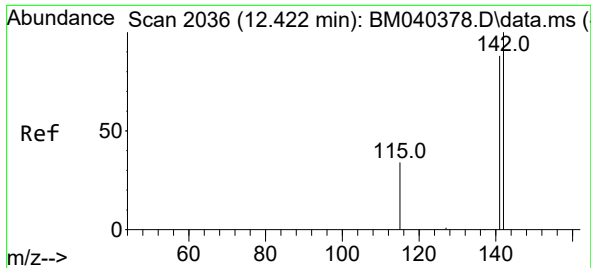
Tgt Ion: 88 Resp: 3951
Ion Ratio Lower Upper
88 100
43 54.1 36.1 54.1
58 62.0 49.8 74.8



#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.805 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

Tgt Ion: 128 Resp: 23387
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.4 10.6 15.8

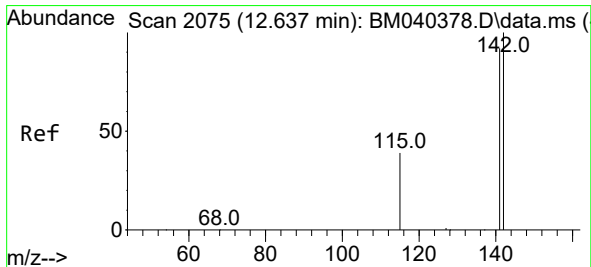
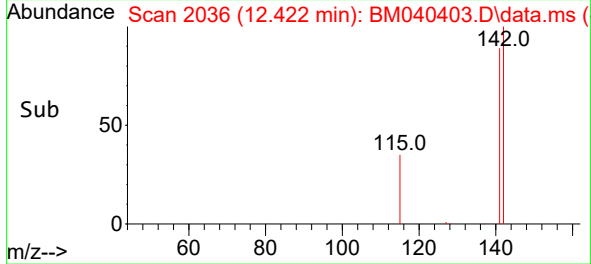
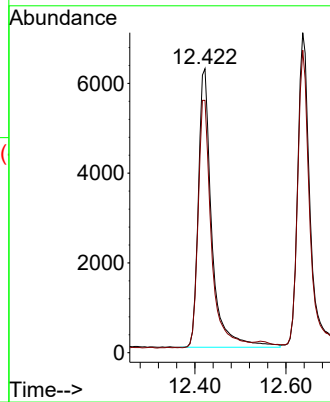
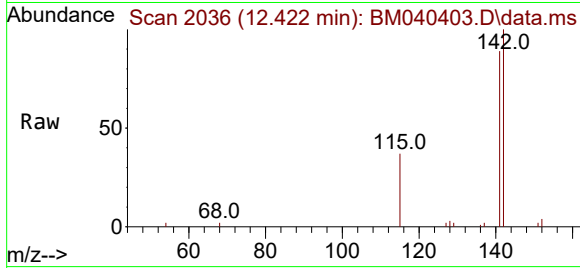




#7
2-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

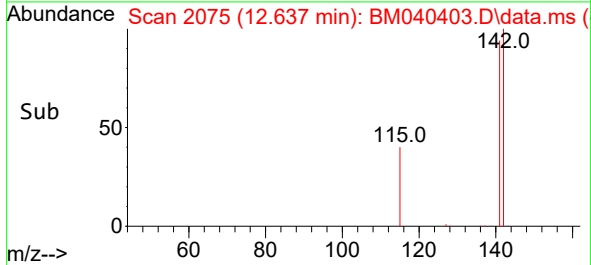
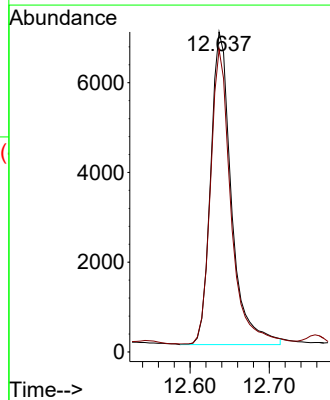
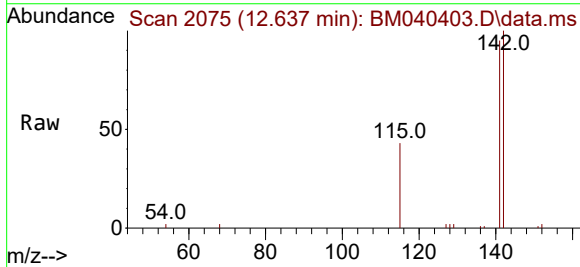
Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

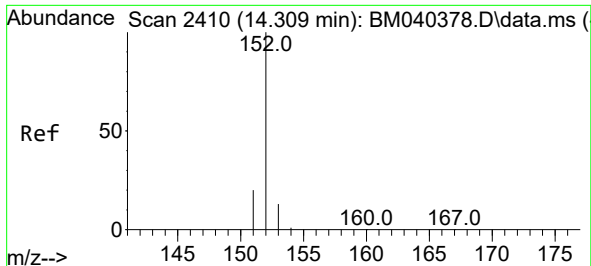
Tgt Ion:142 Resp: 12771
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

Tgt Ion:142 Resp: 12712
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5

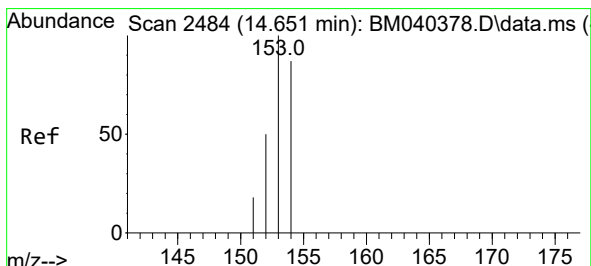
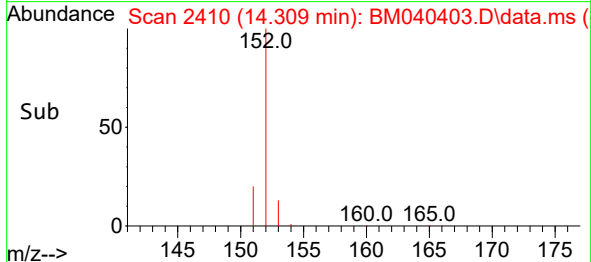
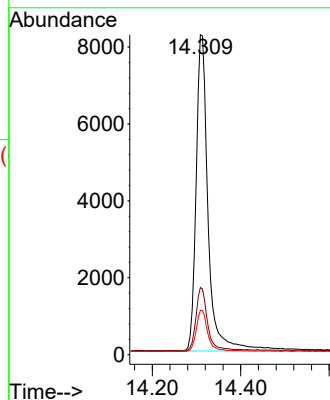
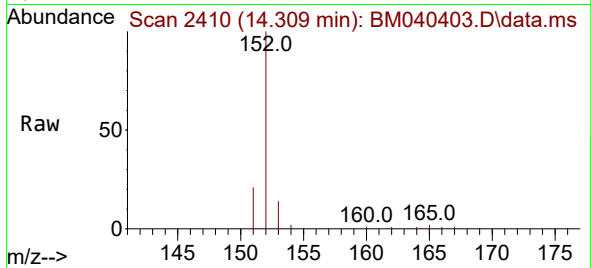




#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

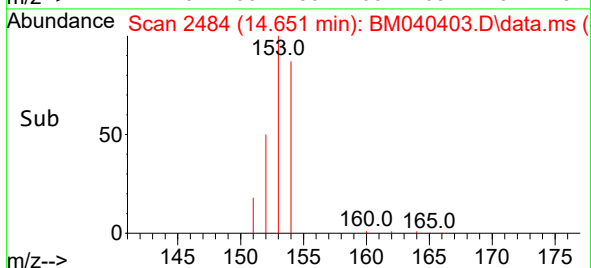
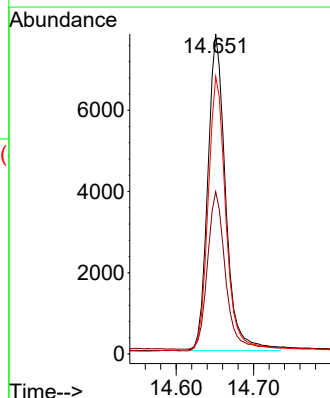
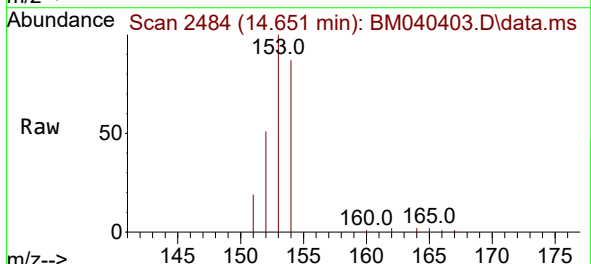
Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

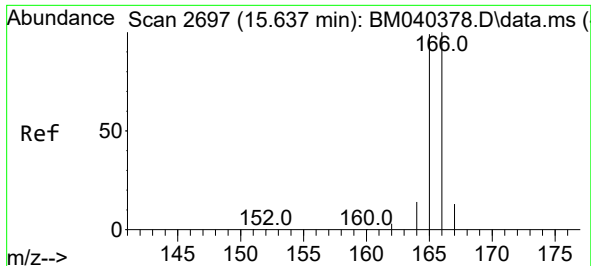
Tgt Ion:152 Resp: 15553
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

Tgt Ion:153 Resp: 12479
Ion Ratio Lower Upper
153 100
152 50.7 41.0 61.4
154 86.6 70.8 106.2

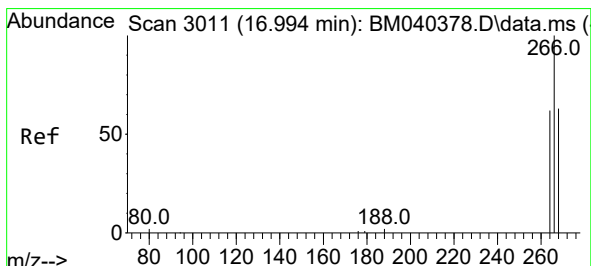
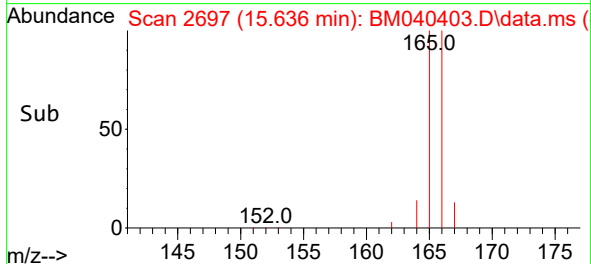
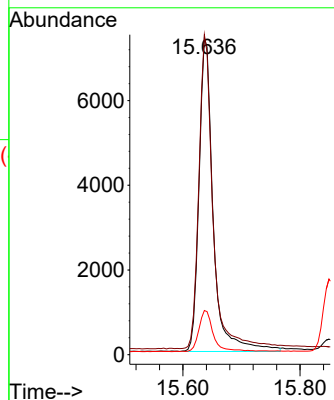
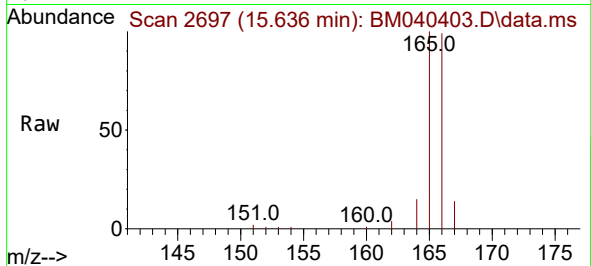




#12
 Fluorene
 Concen: 0.358 ng/ul
 RT: 15.636 min Scan# 2011
 Delta R.T. -0.005 min
 Lab File: BM040403.D
 Acq: 26 Jun 2023 16:04

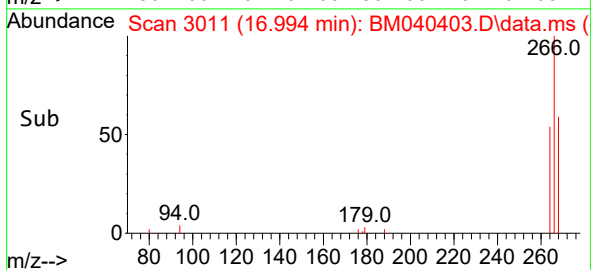
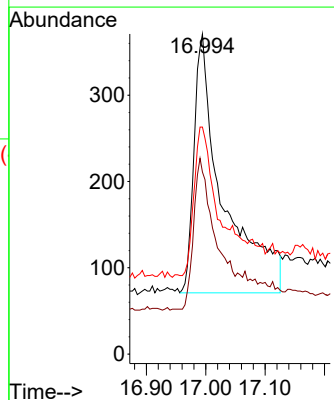
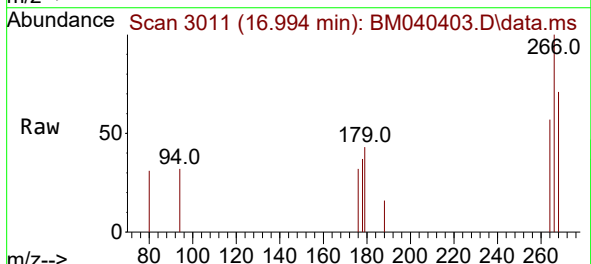
Instrument :
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 ClientSampleId :
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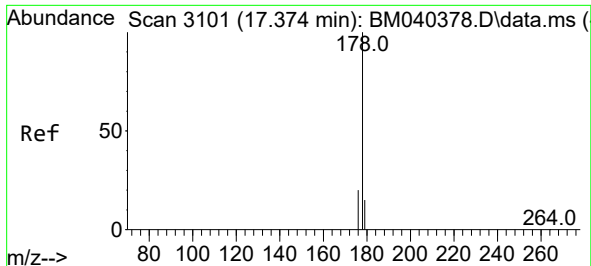
Tgt Ion:	166	Resp:	12488
Ion Ratio	Lower	Upper	
166	100		
165	101.0	79.6	119.4
167	13.9	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.364 ng/ul
 RT: 16.994 min Scan# 3011
 Delta R.T. -0.017 min
 Lab File: BM040403.D
 Acq: 26 Jun 2023 16:04

Tgt Ion:	266	Resp:	1020
Ion Ratio	Lower	Upper	
266	100		
264	58.1	45.4	68.0
268	60.3	47.2	70.8

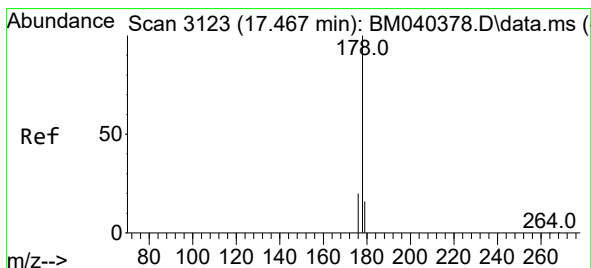
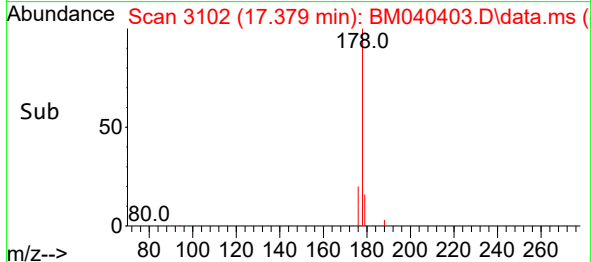
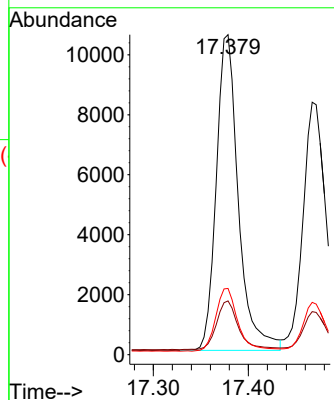
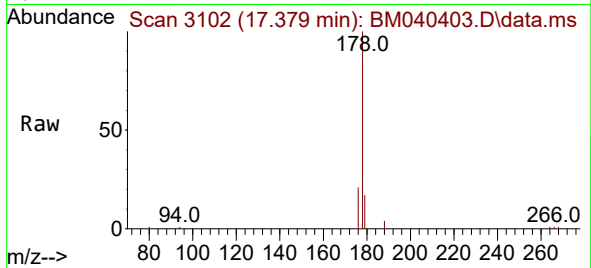




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.379 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

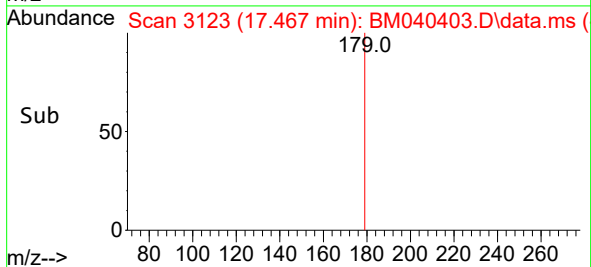
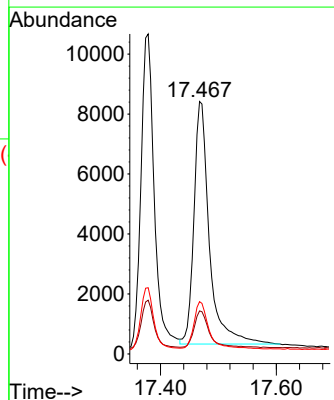
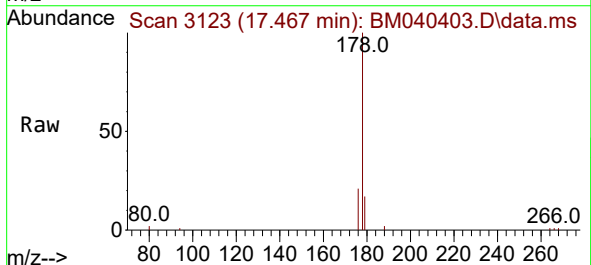
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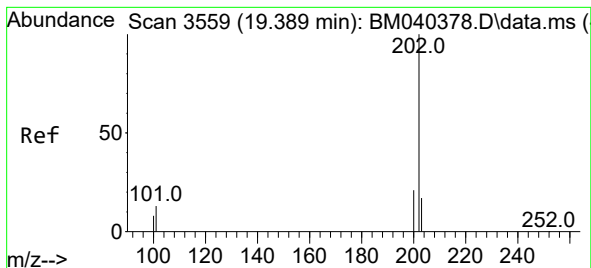
Tgt Ion:178 Resp: 17061
Ion Ratio Lower Upper
178 100
179 16.8 12.8 19.2
176 20.7 16.4 24.6



#16
Anthracene
Concen: 0.394 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

Tgt Ion:178 Resp: 14981
Ion Ratio Lower Upper
178 100
179 17.1 12.9 19.3
176 20.7 15.8 23.6





#19

Fluoranthene

Concen: 0.356 ng/ul

RT: 19.389 min Scan# 3559

Delta R.T. -0.000 min

Lab File: BM040403.D

Acq: 26 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD0.4133

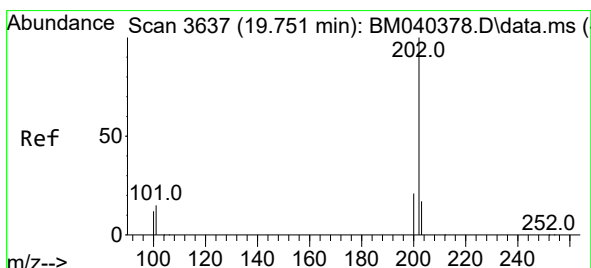
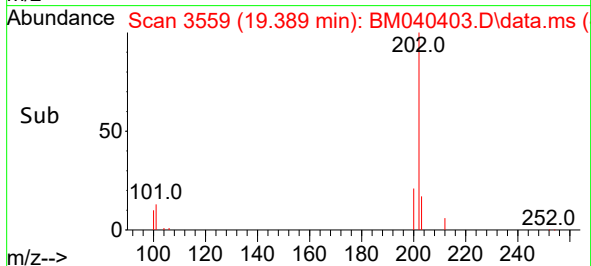
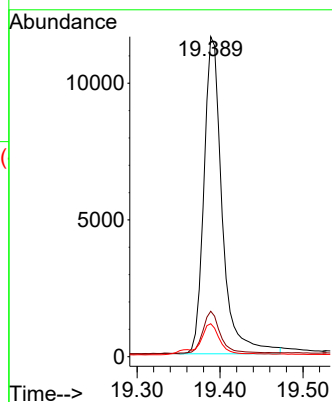
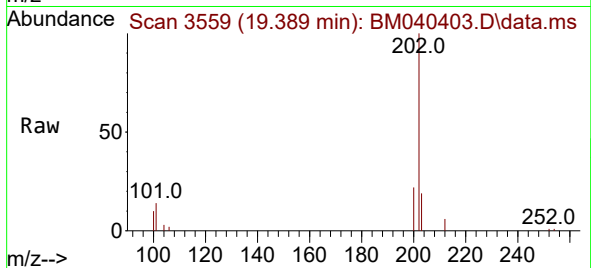
Tgt Ion:202 Resp: 17812

Ion Ratio Lower Upper

202 100

101 14.2 11.4 17.0

100 10.3 8.7 13.1



#20

Pyrene

Concen: 0.363 ng/ul

RT: 19.751 min Scan# 3637

Delta R.T. -0.005 min

Lab File: BM040403.D

Acq: 26 Jun 2023 16:04

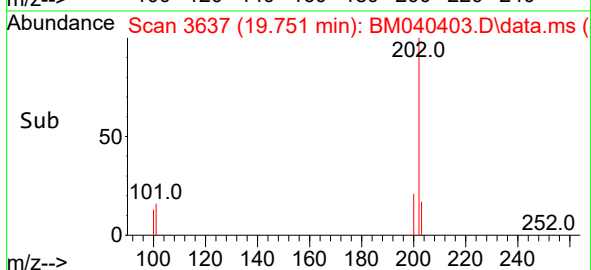
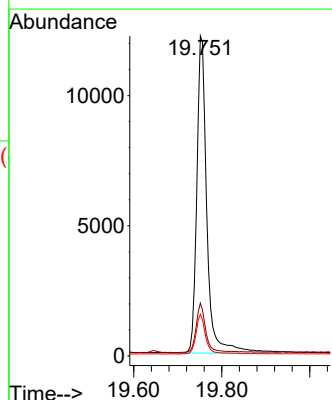
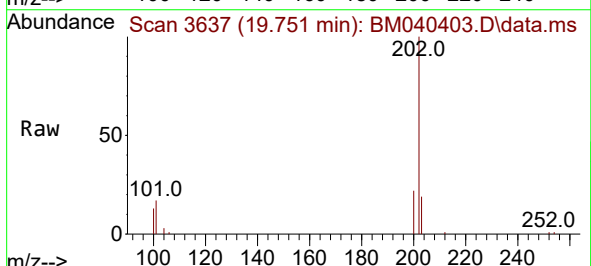
Tgt Ion:202 Resp: 19423

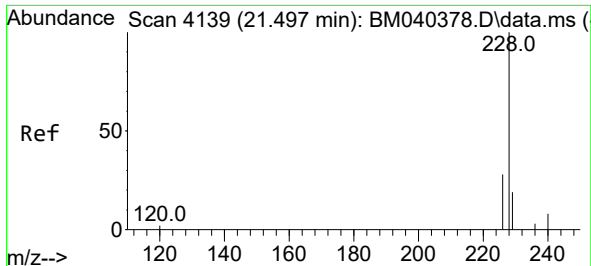
Ion Ratio Lower Upper

202 100

101 16.5 12.6 18.8

100 13.0 9.8 14.6

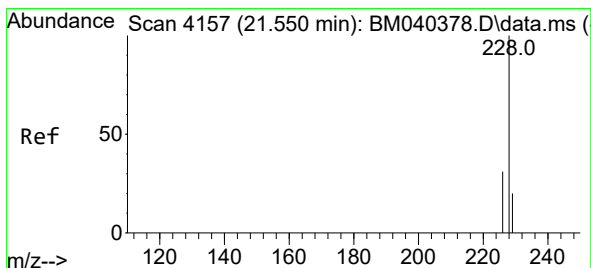
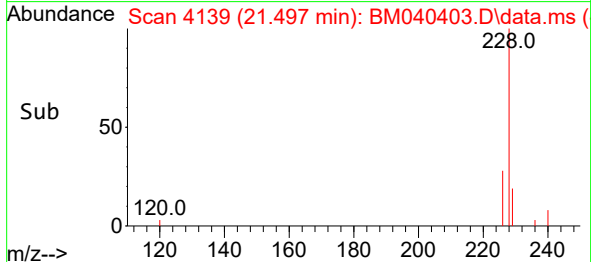
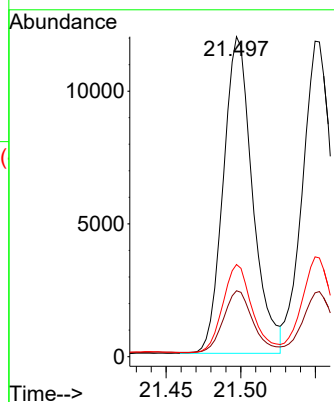
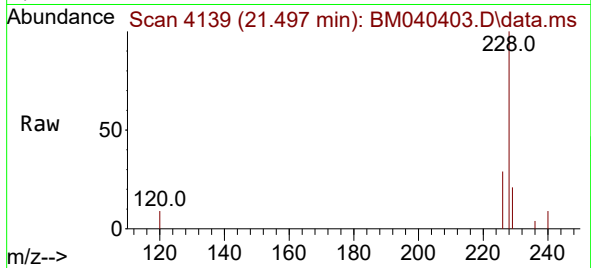




#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

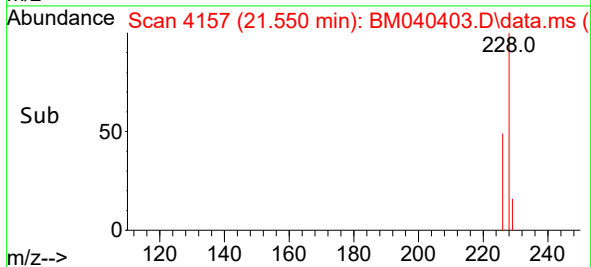
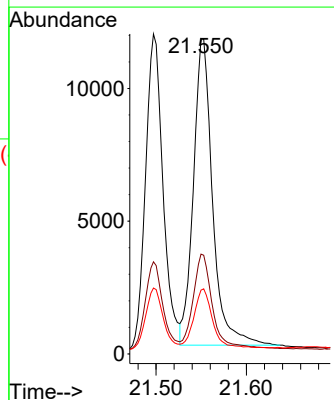
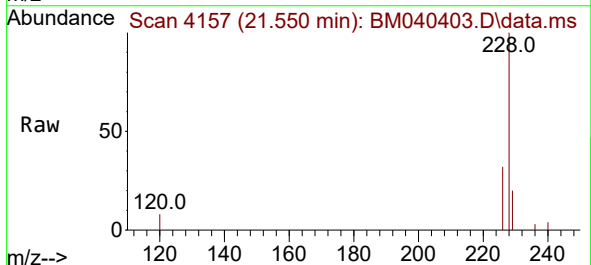
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SSTD0.4133

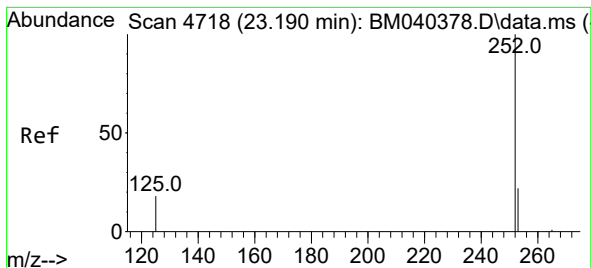
Tgt Ion:228 Resp: 16265
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.8 22.3 33.5



#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

Tgt Ion:228 Resp: 17030
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 20.3 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.363 ng/ul

RT: 23.189 min Scan# 4718

Delta R.T. -0.003 min

Lab File: BM040403.D

Acq: 26 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD0.4133

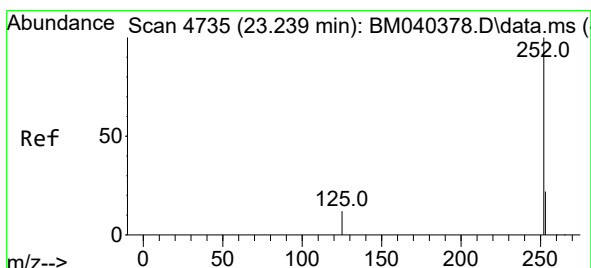
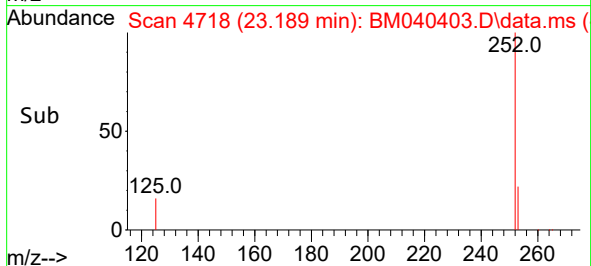
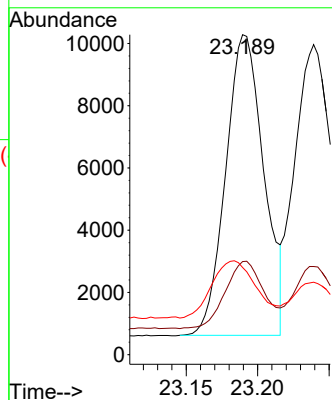
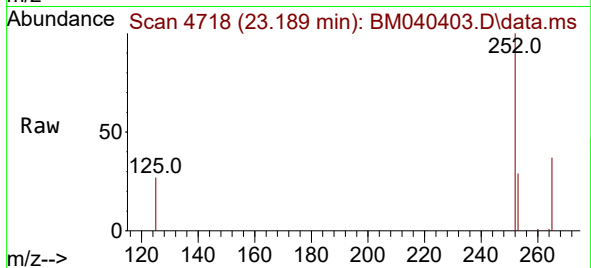
Tgt Ion:252 Resp: 17948

Ion Ratio Lower Upper

252 100

253 29.1 0.0 52.8

125 27.2 0.0 43.0



#25

Benzo(k)fluoranthene

Concen: 0.365 ng/ul

RT: 23.239 min Scan# 4735

Delta R.T. -0.003 min

Lab File: BM040403.D

Acq: 26 Jun 2023 16:04

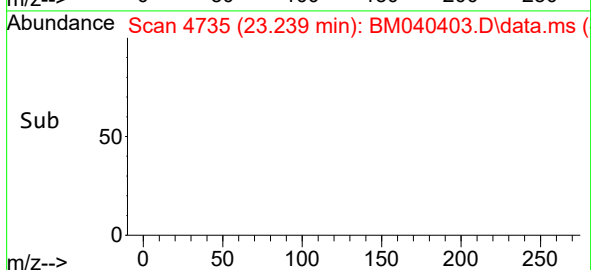
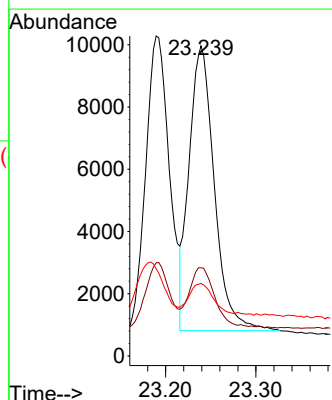
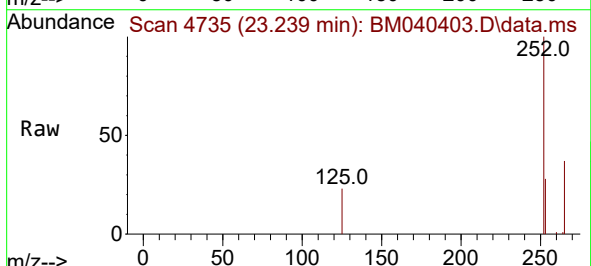
Tgt Ion:252 Resp: 17784

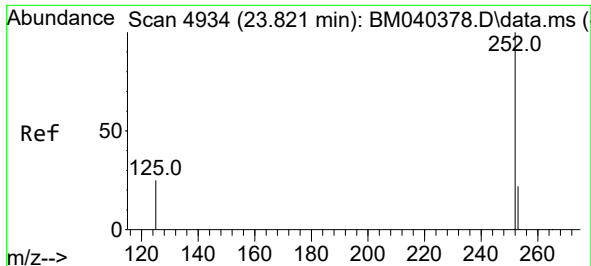
Ion Ratio Lower Upper

252 100

253 28.4 21.2 31.8

125 23.4 16.4 24.6

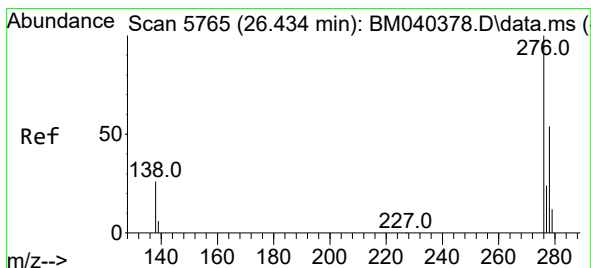
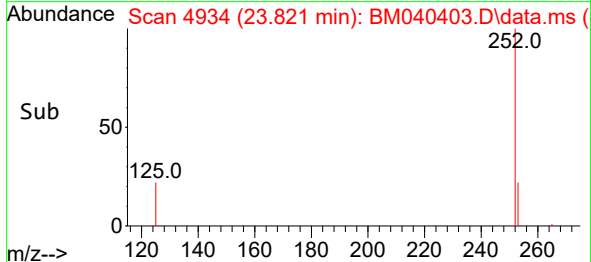
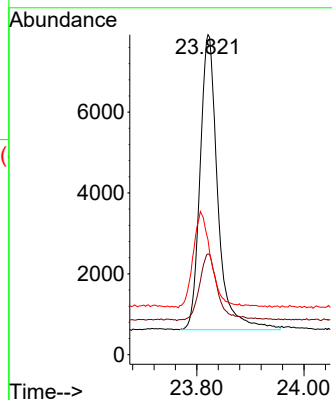
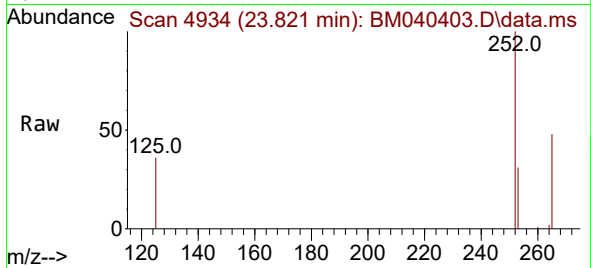




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

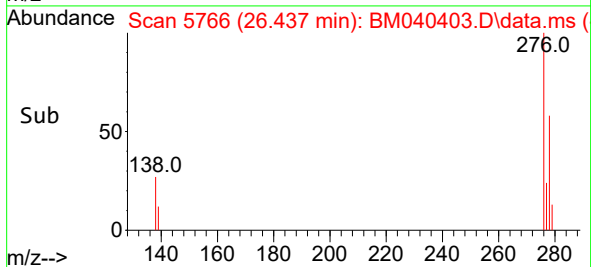
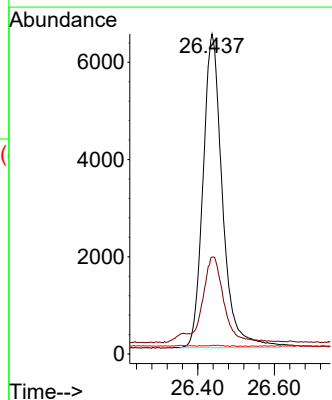
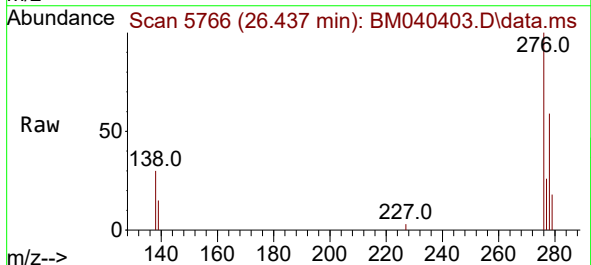
Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

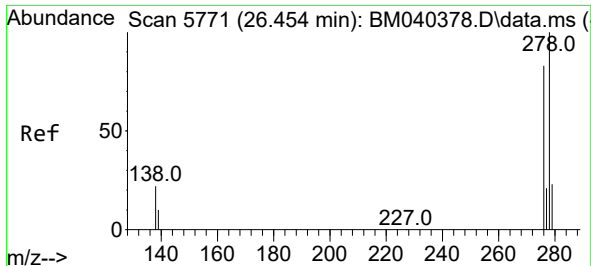
Tgt Ion:252 Resp: 16747
Ion Ratio Lower Upper
252 100
253 31.5 22.9 34.3
125 35.9 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. 0.003 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

Tgt Ion:276 Resp: 22725
Ion Ratio Lower Upper
276 100
138 28.5 24.5 36.7
227 0.1 0.1 0.1#

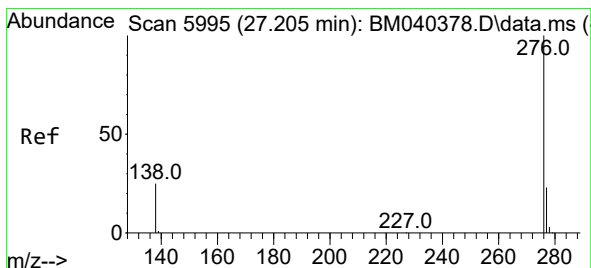
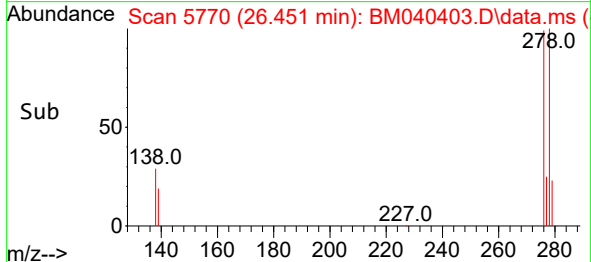
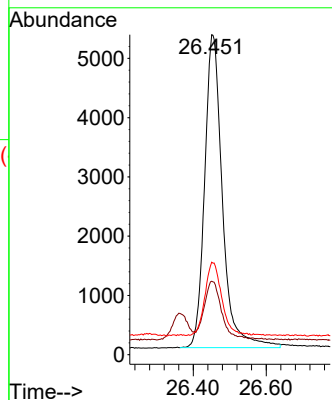
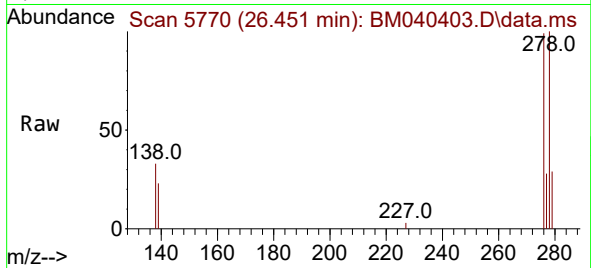




#28
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 26.451 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Tgt Ion:278 Resp: 17915
Ion Ratio Lower Upper
278 100
139 22.9 17.9 26.9
279 28.9 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. -0.000 min
Lab File: BM040403.D
Acq: 26 Jun 2023 16:04

Tgt Ion:276 Resp: 19194
Ion Ratio Lower Upper
276 100
138 28.7 23.0 34.6
277 26.0 20.3 30.5

