

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040378.D
 Acq On : 23 Jun 2023 16:43
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4130

Quant Time: Jun 24 01:37:34 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

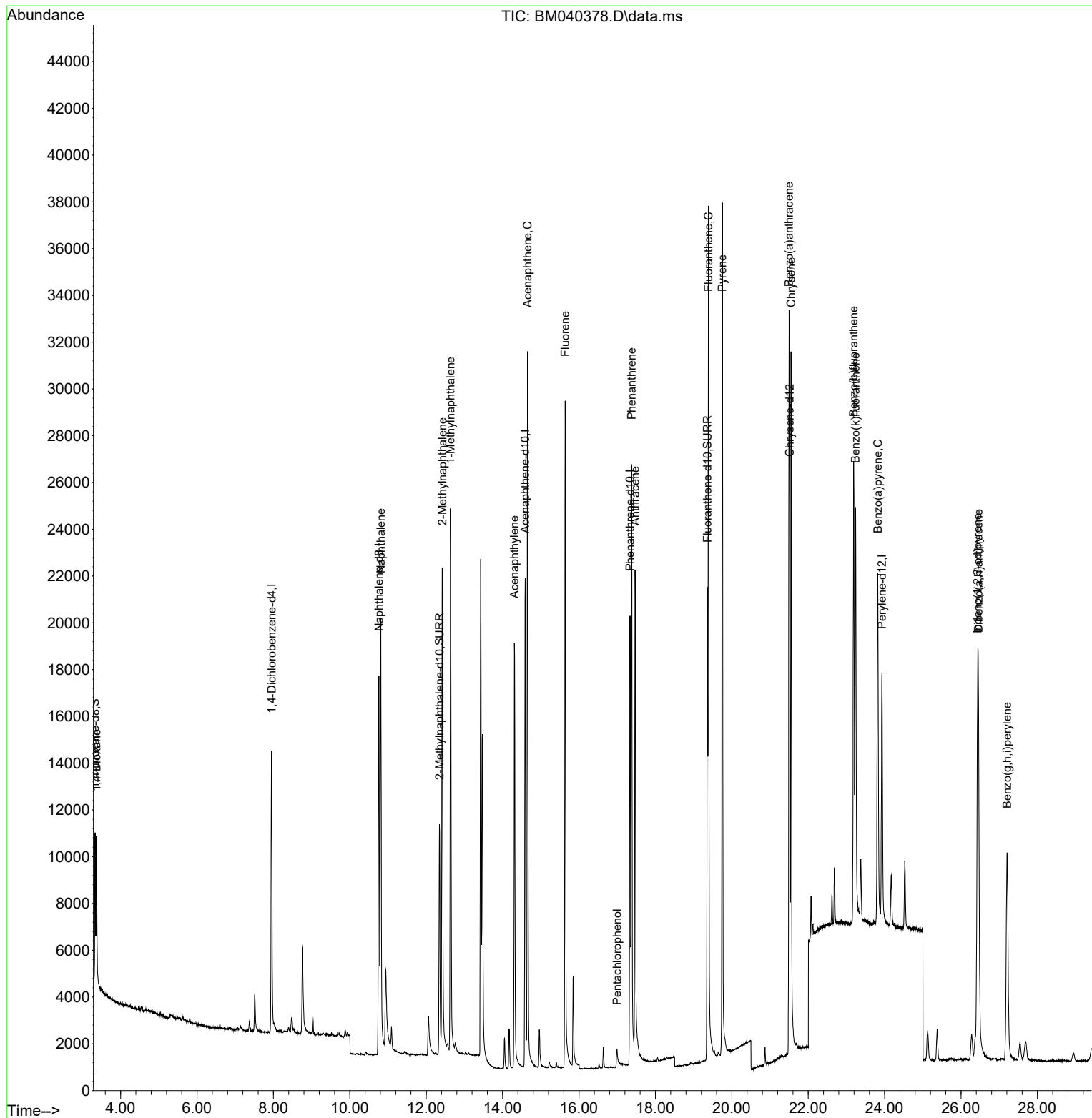
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	6908	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	25248	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	12404	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	23982	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	17809	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	15641	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	4005	0.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	14851	0.420	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	23873	0.418	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	4083	0.370	ng/ul#	90
5) Naphthalene	10.811	128	27788	0.399	ng/ul	100
7) 2-Methylnaphthalene	12.422	142	17062	0.417	ng/ul	97
8) 1-Methylnaphthalene	12.637	142	17045	0.417	ng/ul	100
10) Acenaphthylene	14.309	152	23345	0.421	ng/ul	99
11) Acenaphthene	14.651	153	18556	0.397	ng/ul	99
12) Fluorene	15.637	166	19755	0.395	ng/ul	100
14) Pentachlorophenol	16.994	266	1089	0.236	ng/ul	92
15) Phenanthrene	17.374	178	29262	0.393	ng/ul	99
16) Anthracene	17.467	178	26210	0.419	ng/ul	99
19) Fluoranthene	19.389	202	30993	0.410	ng/ul	98
20) Pyrene	19.751	202	32869	0.405	ng/ul	100
21) Benzo(a)anthracene	21.497	228	26500	0.440	ng/ul	100
22) Chrysene	21.550	228	27458	0.400	ng/ul	99
24) Benzo(b)fluoranthene	23.190	252	25742	0.425	ng/ul	95
25) Benzo(k)fluoranthene	23.239	252	25046	0.420	ng/ul	99
26) Benzo(a)pyrene	23.821	252	22606	0.415	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.434	276	25381	0.334	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.454	278	20254	0.341	ng/ul	99
29) Benzo(g,h,i)perylene	27.205	276	20698	0.311	ng/ul	99

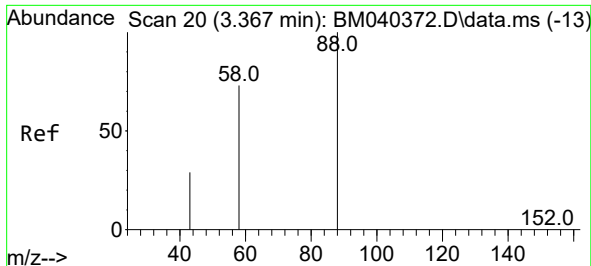
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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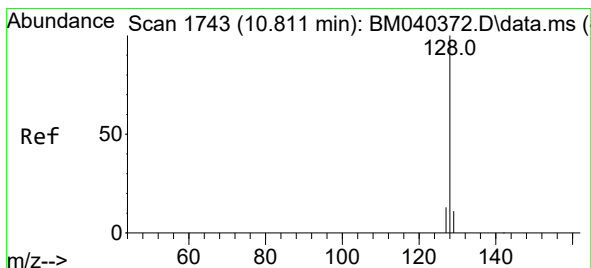
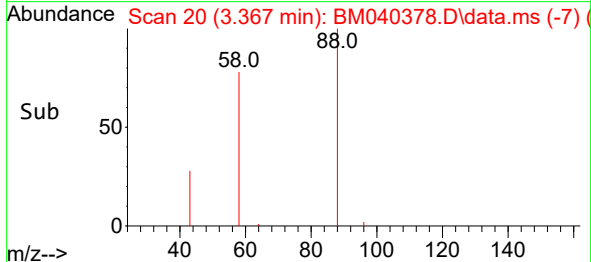
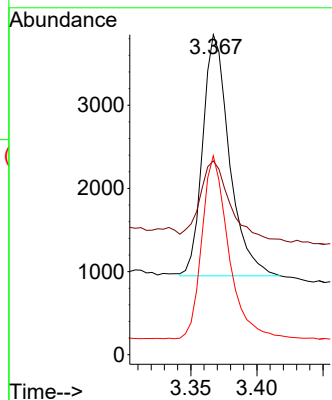
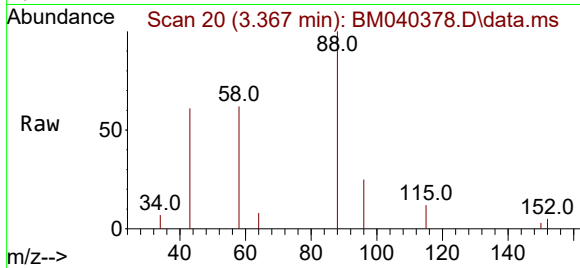




#2
1,4-Dioxane
Concen: 0.370 ng/ul
RT: 3.367 min Scan# 20
Delta R.T. -0.004 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

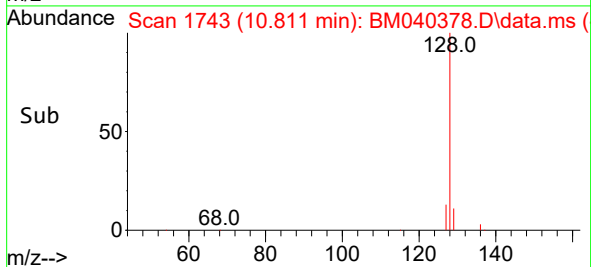
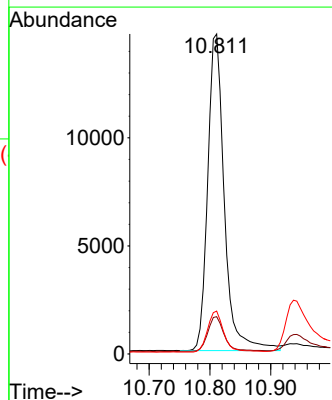
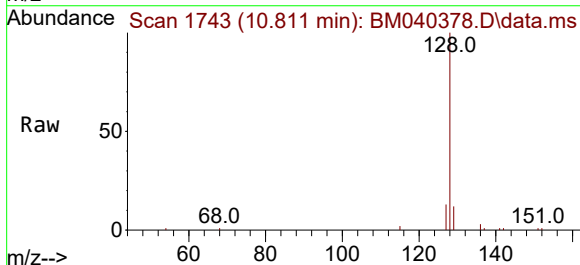
Instrument :
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SSTD0.4130

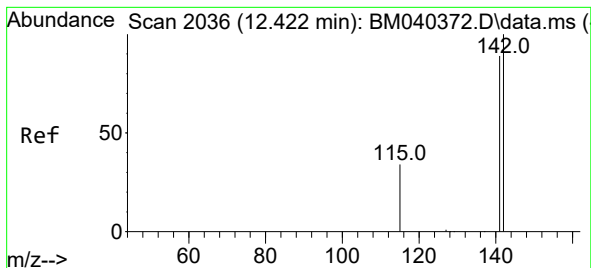
Tgt Ion: 88 Resp: 4083
Ion Ratio Lower Upper
88 100
43 60.6 36.1 54.1#
58 62.2 49.8 74.8



#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

Tgt Ion: 128 Resp: 27788
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.6 15.8

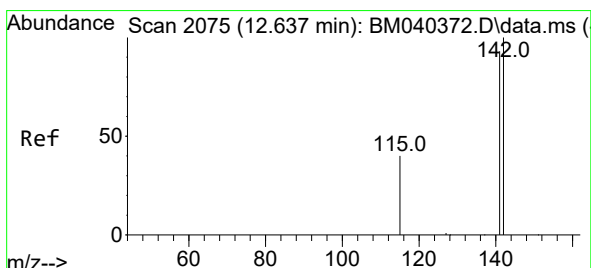
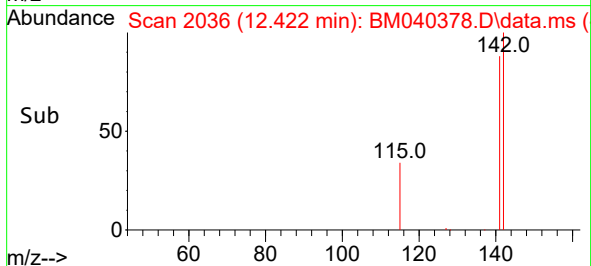
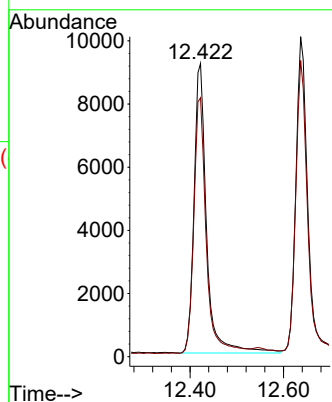
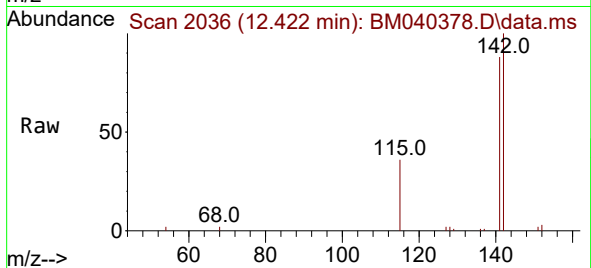




#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

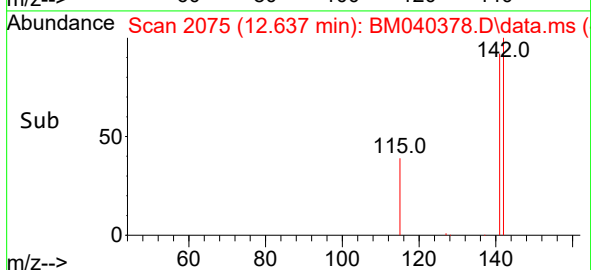
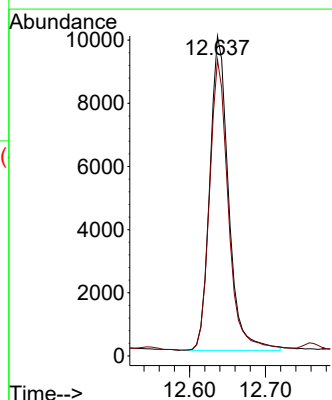
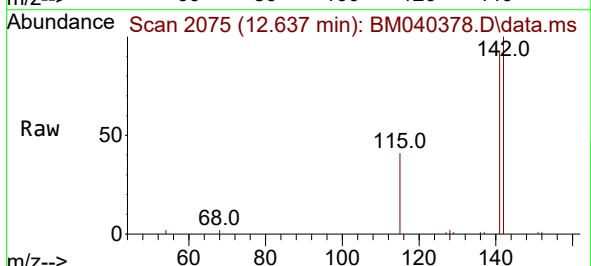
Instrument :
BNA_M
ClientSampleId :
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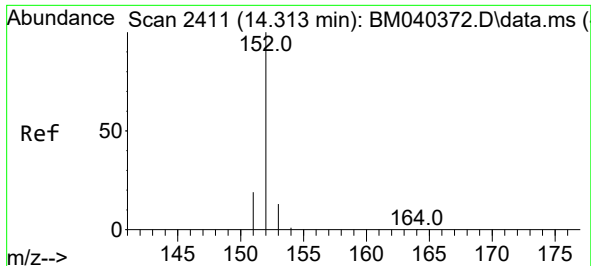
Tgt Ion:142 Resp: 17062
Ion Ratio Lower Upper
142 100
141 87.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

Tgt Ion:142 Resp: 17045
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5

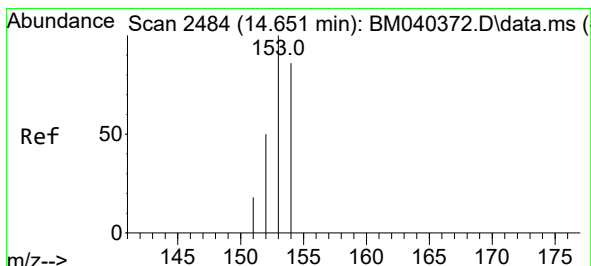
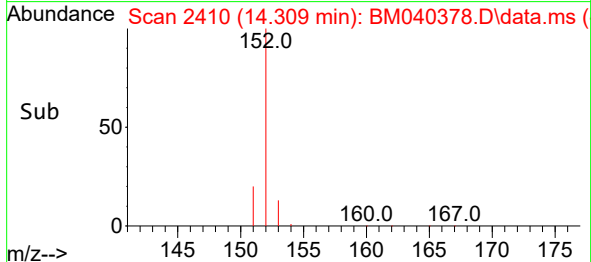
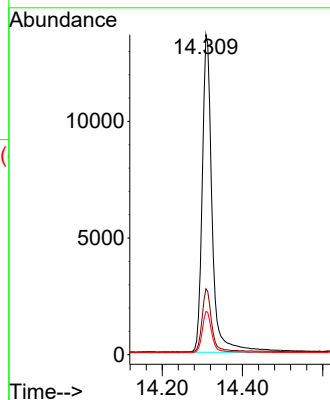
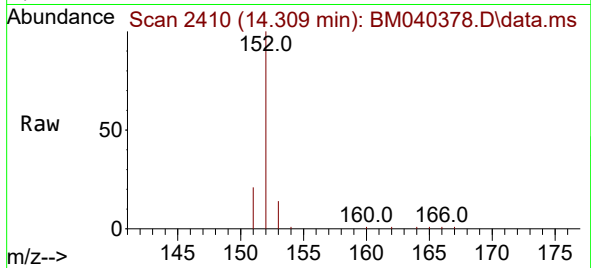




#10
Acenaphthylene
Concen: 0.421 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

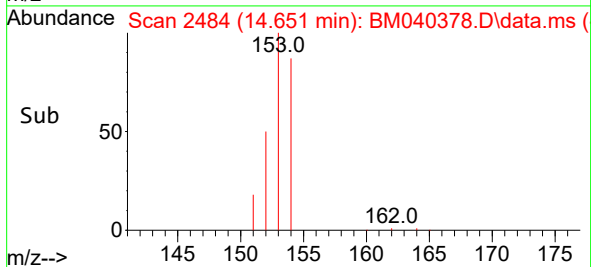
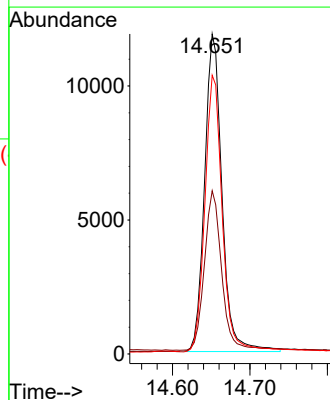
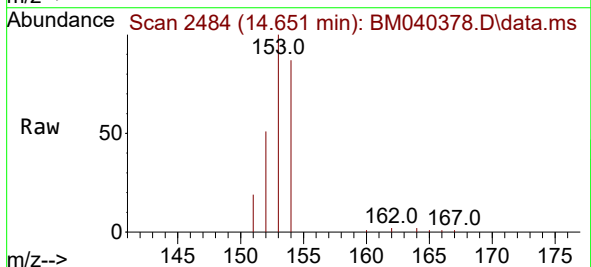
Instrument :
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ClientSampleId :
SSTD0.4130

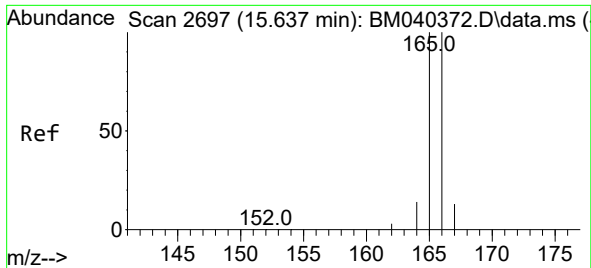
Tgt Ion:152 Resp: 23345
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

Tgt Ion:153 Resp: 18556
Ion Ratio Lower Upper
153 100
152 51.0 41.0 61.4
154 87.1 70.8 106.2

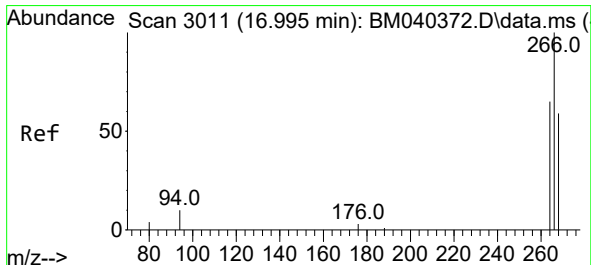
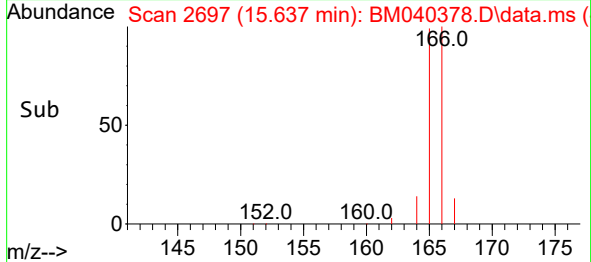
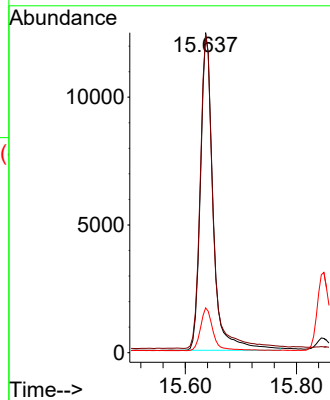
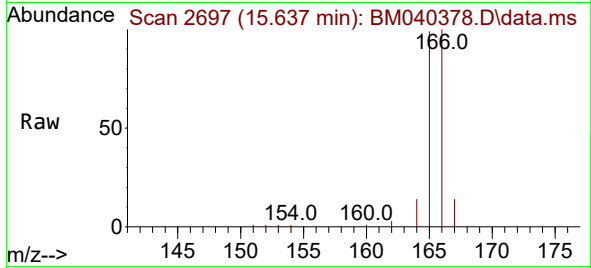




#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.637 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

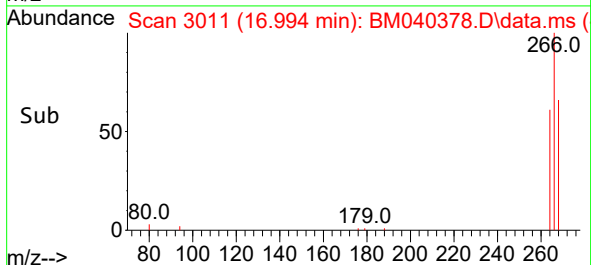
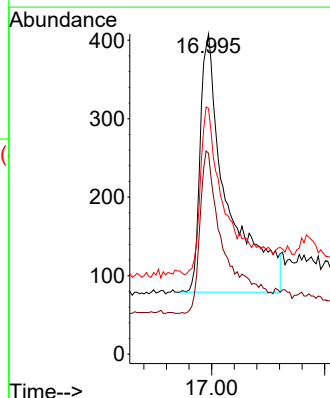
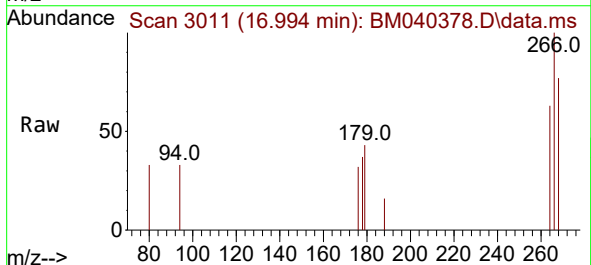
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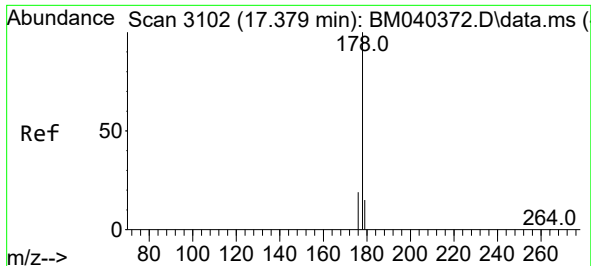
Tgt Ion:166 Resp: 19755
Ion Ratio Lower Upper
166 100
165 99.5 79.6 119.4
167 14.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.236 ng/ul
RT: 16.994 min Scan# 3011
Delta R.T. -0.017 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

Tgt Ion:266 Resp: 1089
Ion Ratio Lower Upper
266 100
264 62.4 45.4 68.0
268 65.2 47.2 70.8

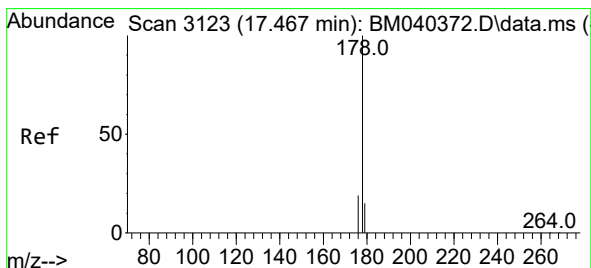
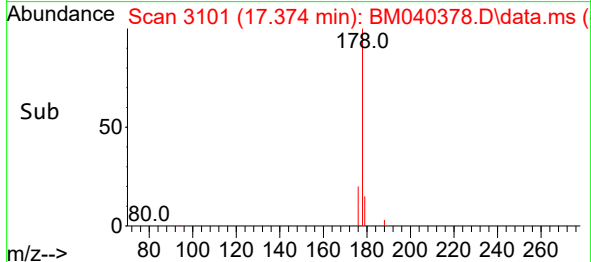
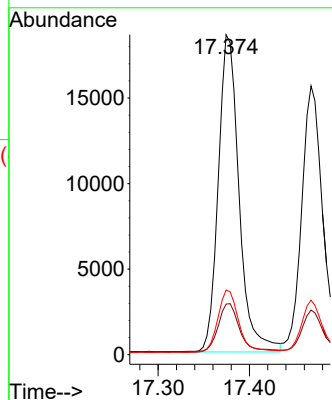
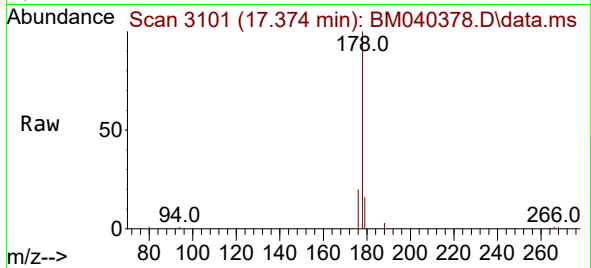




#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.374 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

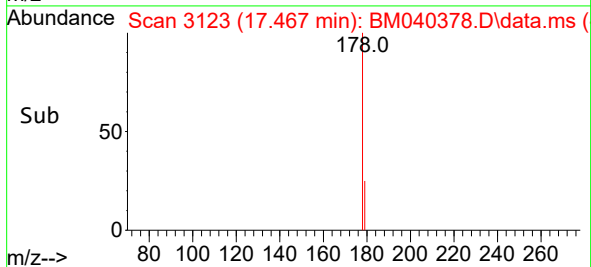
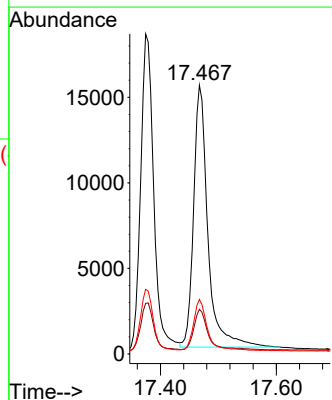
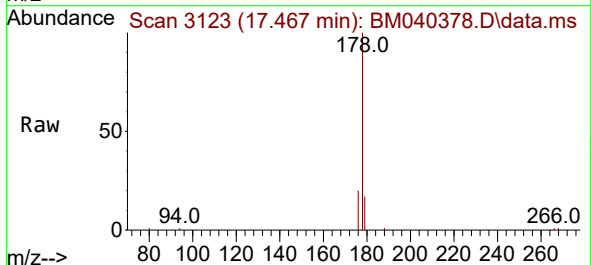
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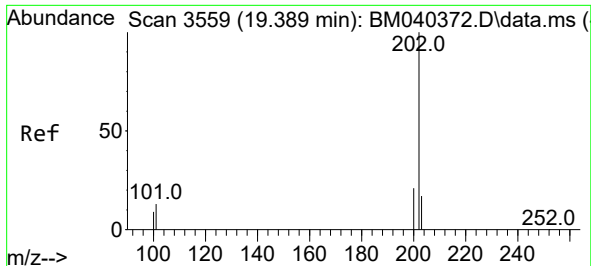
Tgt Ion:178 Resp: 29262
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 20.2 16.4 24.6



#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

Tgt Ion:178 Resp: 26210
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 20.3 15.8 23.6

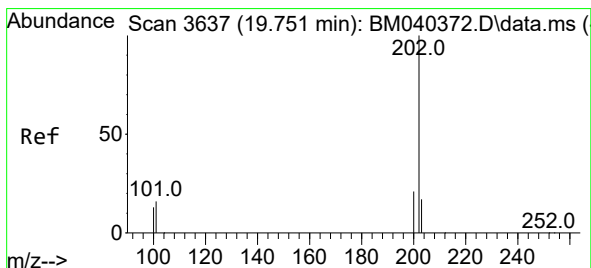
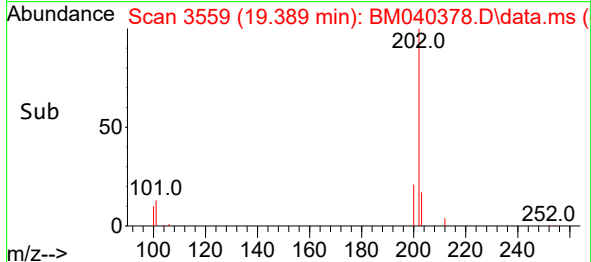
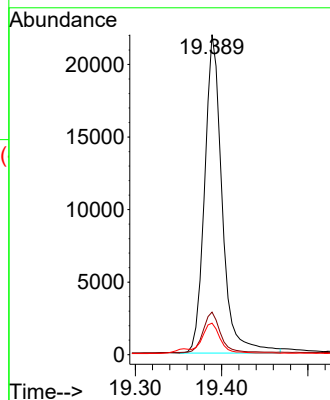
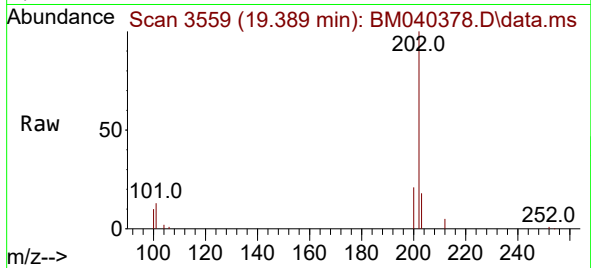




#19
Fluoranthene
Concen: 0.410 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

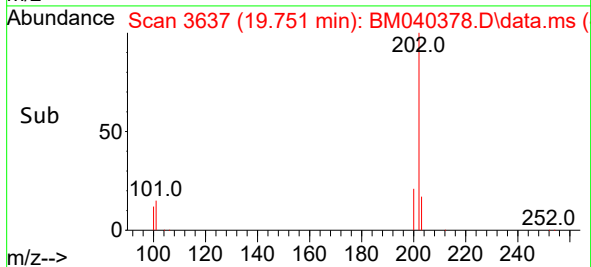
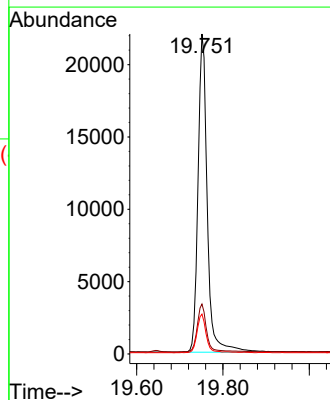
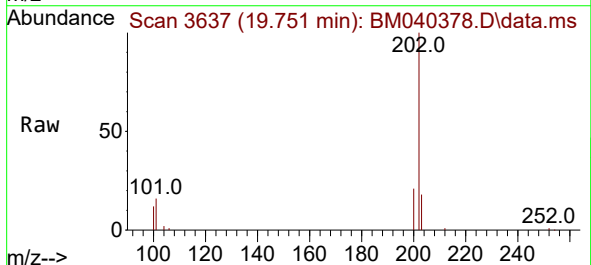
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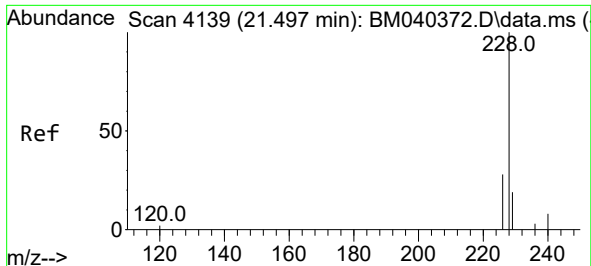
Tgt Ion:202 Resp: 30993
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 9.9 8.7 13.1



#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

Tgt Ion:202 Resp: 32869
Ion Ratio Lower Upper
202 100
101 15.6 12.6 18.8
100 12.5 9.8 14.6

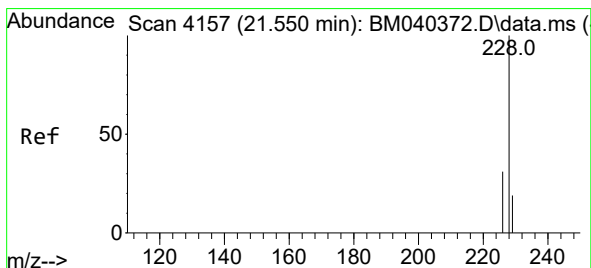
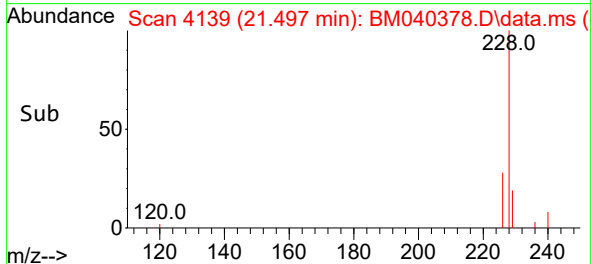
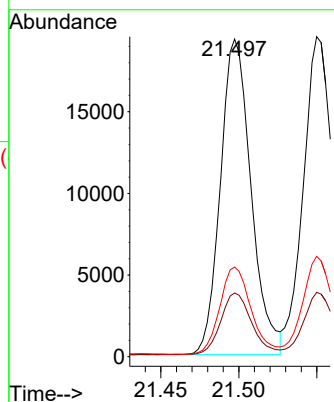
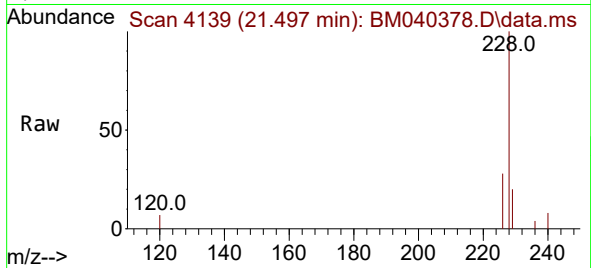




#21
Benzo(a)anthracene
Concen: 0.440 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

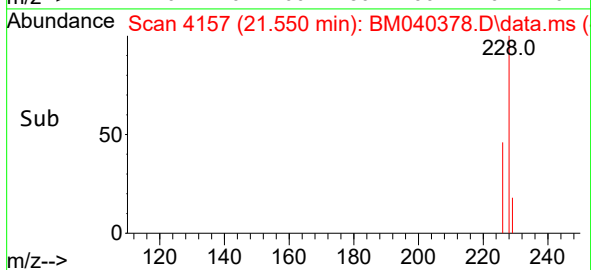
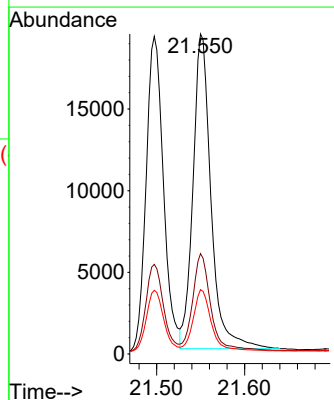
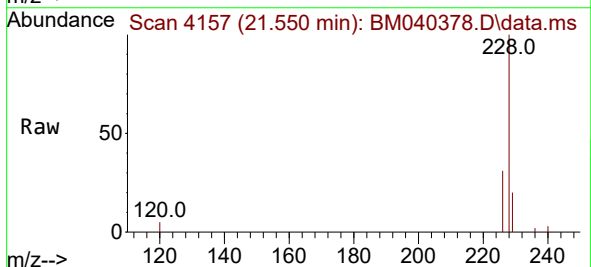
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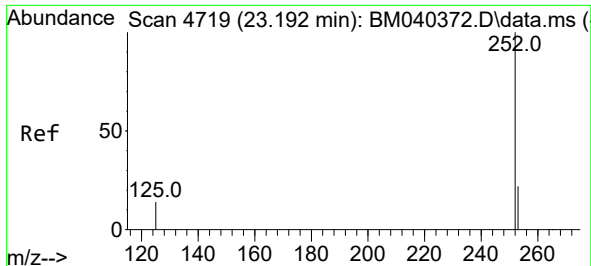
Tgt Ion:228 Resp: 26500
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 28.2 22.3 33.5



#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

Tgt Ion:228 Resp: 27458
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 20.1 15.8 23.6

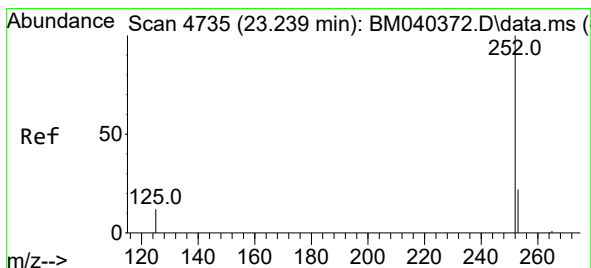
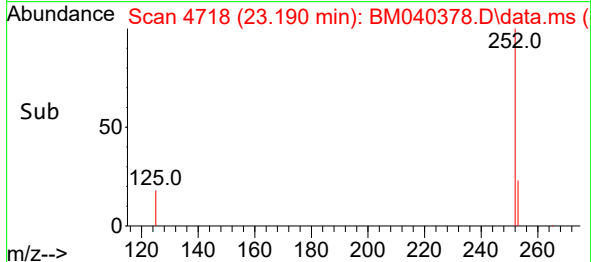
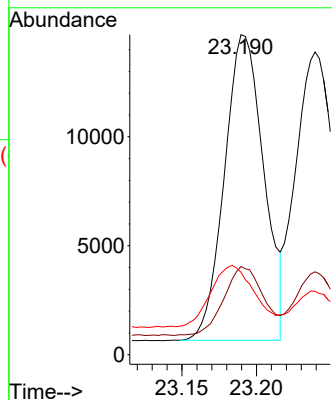
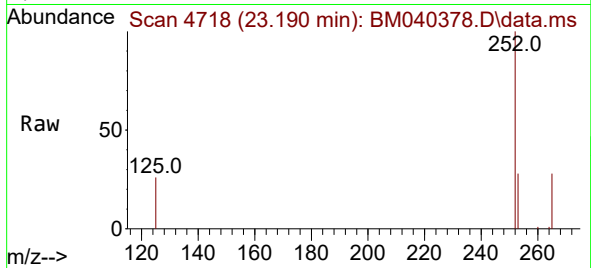




#24
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 23.190 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

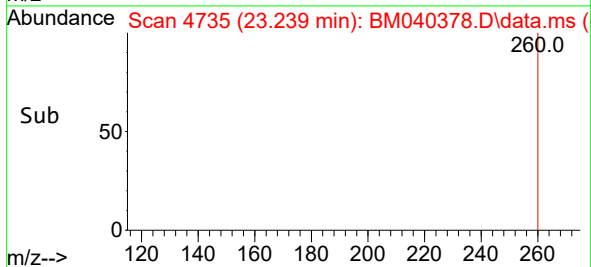
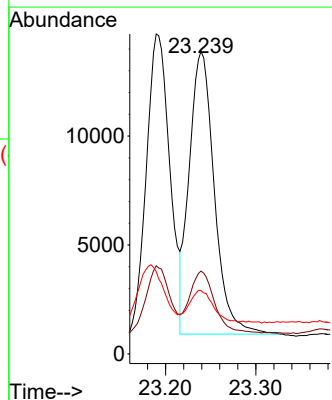
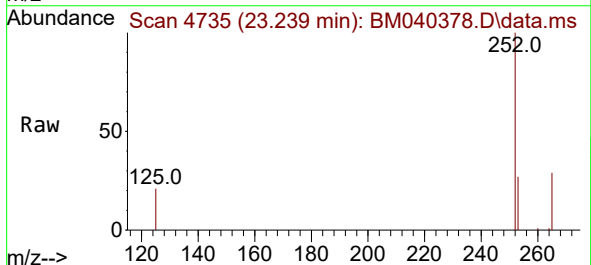
Instrument :
BNA_M
ClientSampleId :
SSTD0.4130

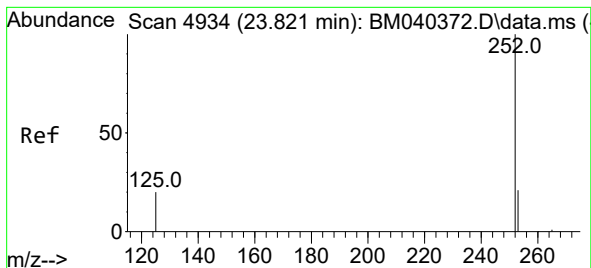
Tgt Ion:252 Resp: 25742
Ion Ratio Lower Upper
252 100
253 27.6 0.0 52.8
125 25.7 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 23.239 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

Tgt Ion:252 Resp: 25046
Ion Ratio Lower Upper
252 100
253 27.4 21.2 31.8
125 21.0 16.4 24.6





#26

Benzo(a)pyrene

Concen: 0.415 ng/ul

RT: 23.821 min Scan# 4934

Delta R.T. -0.003 min

Lab File: BM040378.D

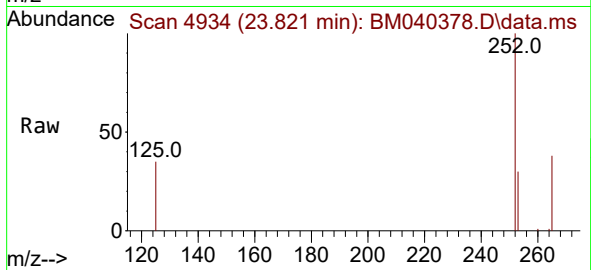
Acq: 23 Jun 2023 16:43

Instrument :

BNA_M

ClientSampleId :

SSTD0.4130



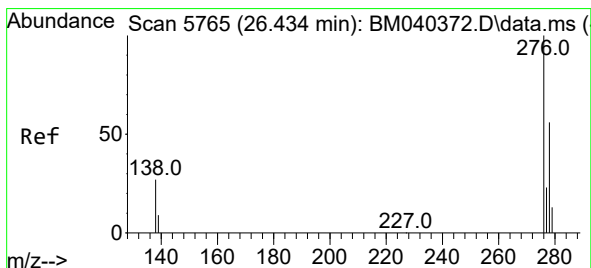
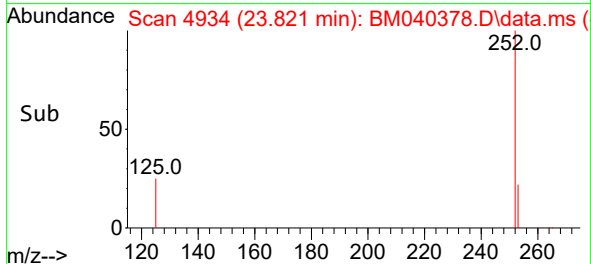
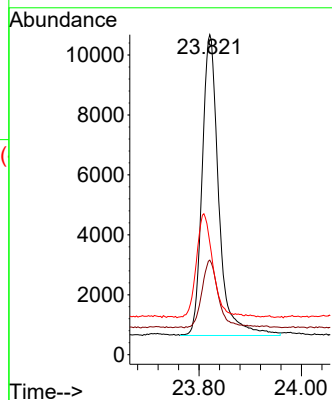
Tgt Ion:252 Resp: 22606

Ion Ratio Lower Upper

252 100

253 29.5 22.9 34.3

125 35.0 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.334 ng/ul

RT: 26.434 min Scan# 5765

Delta R.T. -0.000 min

Lab File: BM040378.D

Acq: 23 Jun 2023 16:43

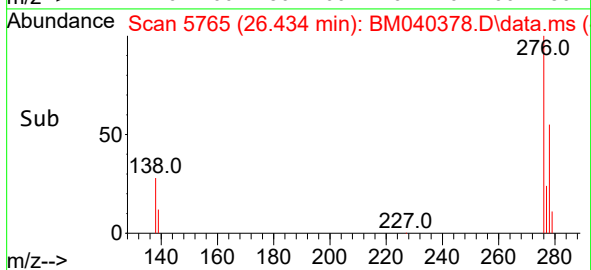
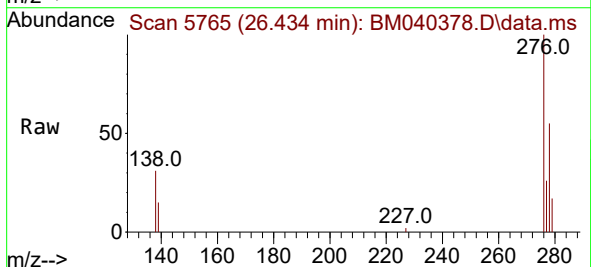
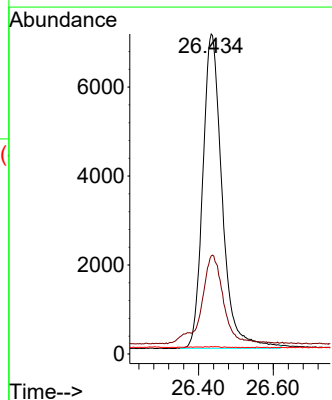
Tgt Ion:276 Resp: 25381

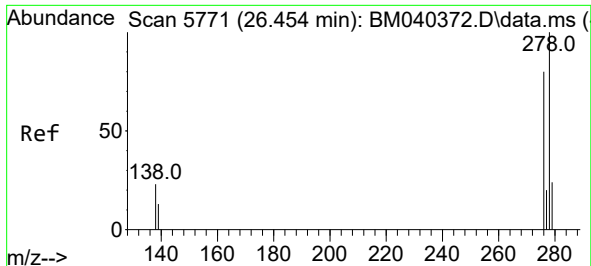
Ion Ratio Lower Upper

276 100

138 29.0 24.5 36.7

227 0.1 0.1 0.1#

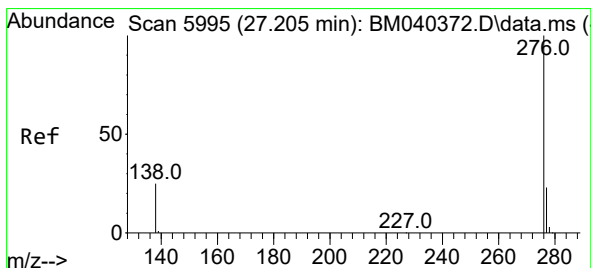
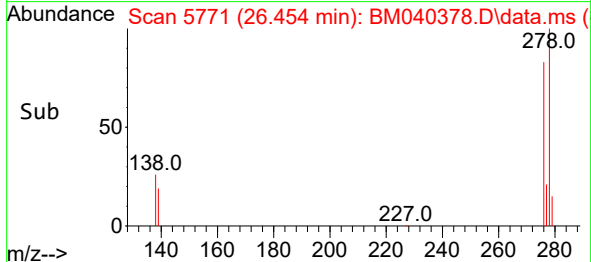
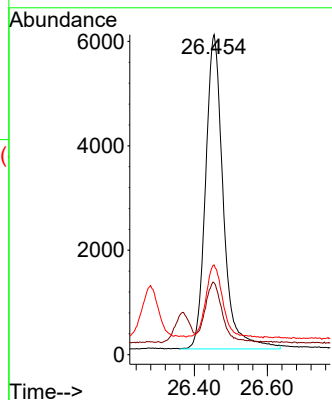
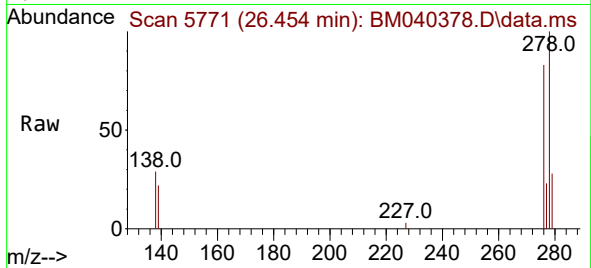




#28
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 26.454 min Scan# 5771
Delta R.T. -0.000 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4130

Tgt Ion:278 Resp: 20254
Ion Ratio Lower Upper
278 100
139 22.5 17.9 26.9
279 28.0 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.311 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. -0.000 min
Lab File: BM040378.D
Acq: 23 Jun 2023 16:43

Tgt Ion:276 Resp: 20698
Ion Ratio Lower Upper
276 100
138 28.4 23.0 34.6
277 25.6 20.3 30.5

