

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040396.D
 Acq On : 26 Jun 2023 11:42
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4132

Quant Time: Jun 27 04:25:02 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

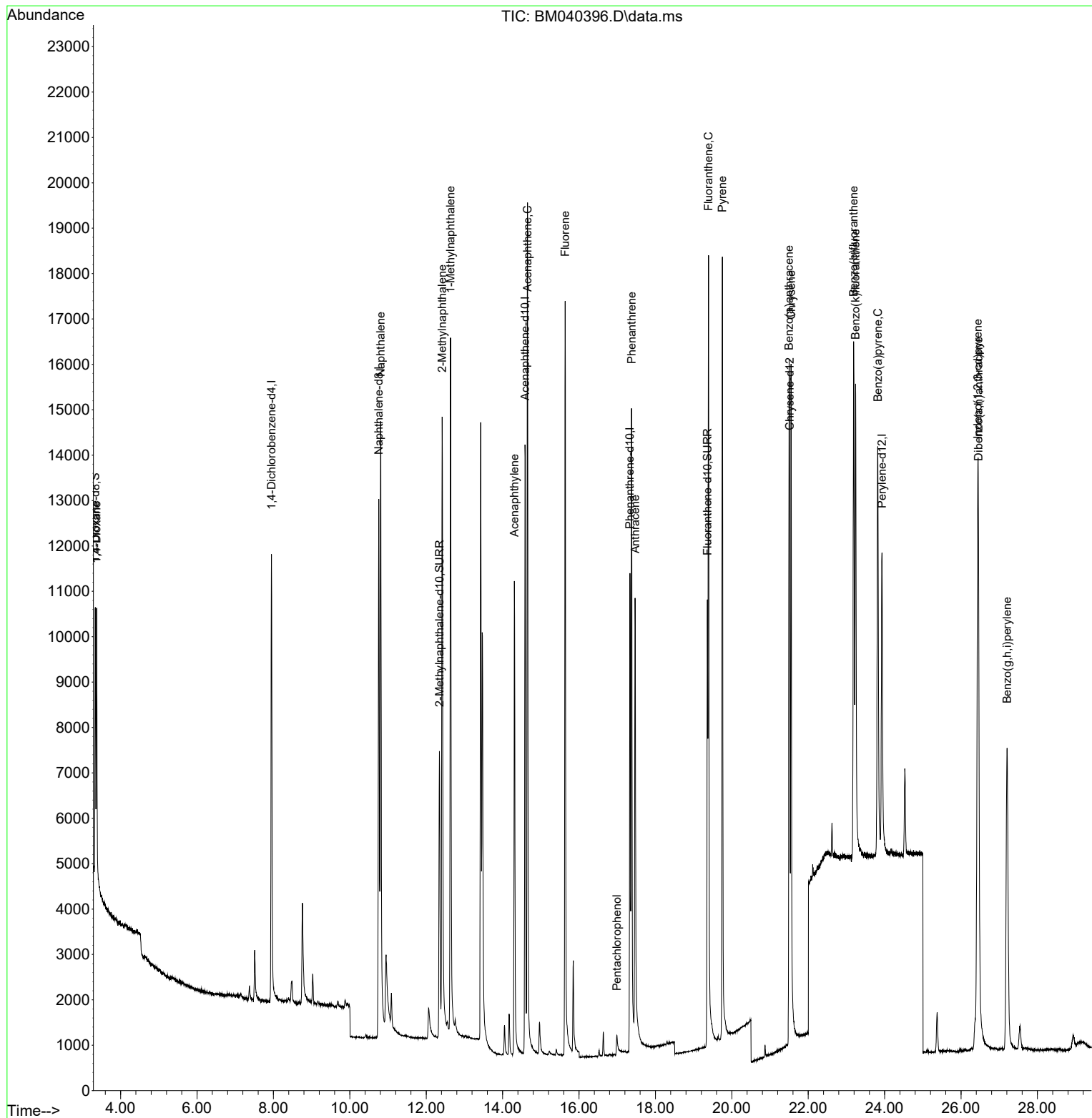
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	5934	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	19203	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	8100	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	13567	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	9498	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	10029	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	3666	0.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	10379	0.386	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	11867	0.390	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.371	88	3856	0.406	ng/ul	87
5) Naphthalene	10.805	128	21530	0.406	ng/ul	100
7) 2-Methylnaphthalene	12.417	142	11925	0.383	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	11819	0.380	ng/ul	99
10) Acenaphthylene	14.309	152	13929	0.385	ng/ul	99
11) Acenaphthene	14.651	153	11878	0.389	ng/ul	98
12) Fluorene	15.636	166	11934	0.366	ng/ul	99
14) Pentachlorophenol	16.990	266	629	0.241	ng/ul	97
15) Phenanthrene	17.374	178	16130	0.383	ng/ul	99
16) Anthracene	17.467	178	13438	0.379	ng/ul	98
19) Fluoranthene	19.389	202	15452	0.383	ng/ul	100
20) Pyrene	19.751	202	16322	0.377	ng/ul	98
21) Benzo(a)anthracene	21.497	228	12511	0.389	ng/ul	99
22) Chrysene	21.550	228	14002	0.382	ng/ul	100
24) Benzo(b)fluoranthene	23.189	252	15176	0.391	ng/ul	93
25) Benzo(k)fluoranthene	23.239	252	14655	0.383	ng/ul	96
26) Benzo(a)pyrene	23.821	252	13844	0.396	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.437	276	18924	0.389	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.454	278	14756	0.387	ng/ul	99
29) Benzo(g,h,i)perylene	27.205	276	16159	0.379	ng/ul	100

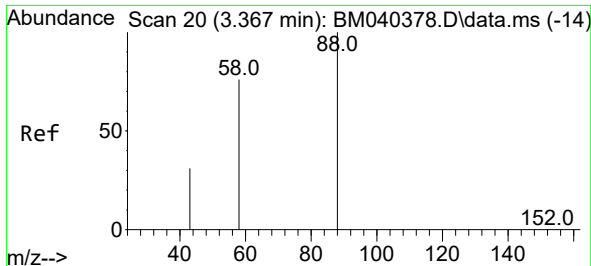
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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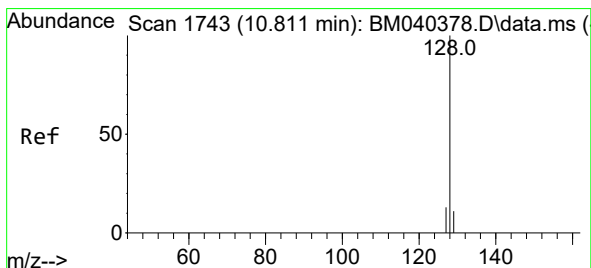
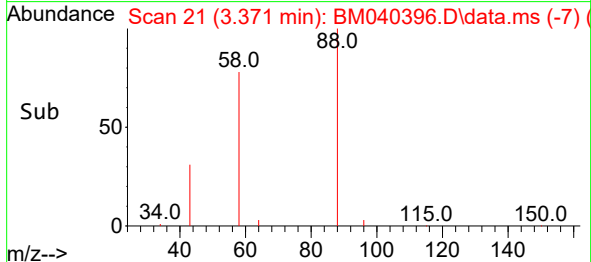
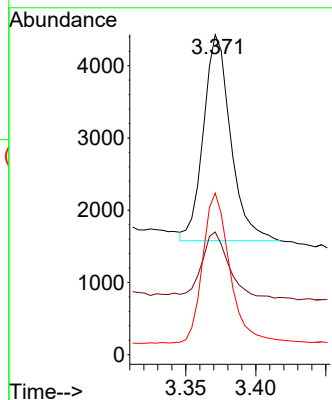
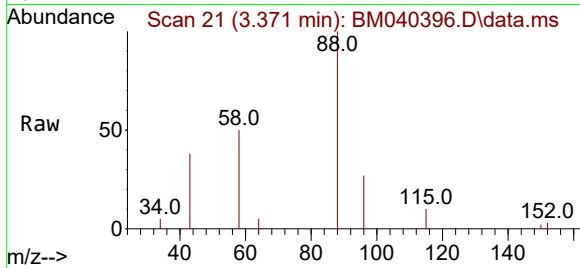




#2
1,4-Dioxane
Concen: 0.406 ng/ul
RT: 3.371 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

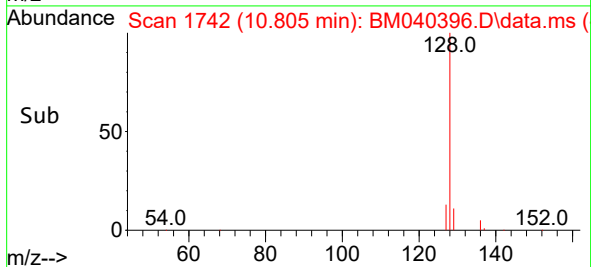
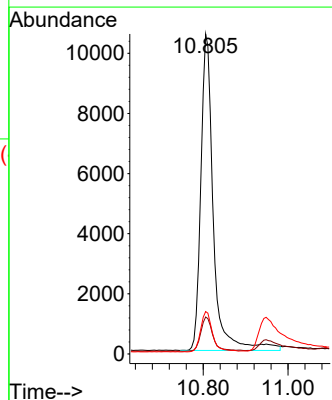
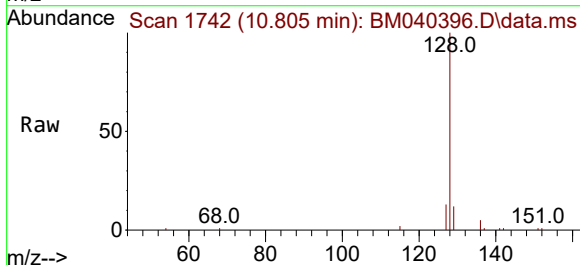
Instrument :
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SSTD0.4132

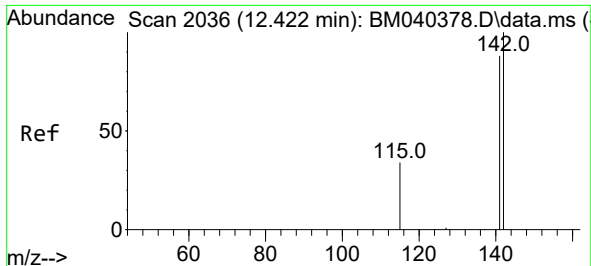
Tgt Ion: 88 Resp: 3856
Ion Ratio Lower Upper
88 100
43 38.4 36.1 54.1
58 50.5 49.8 74.8



#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.805 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

Tgt Ion: 128 Resp: 21530
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.6 15.8

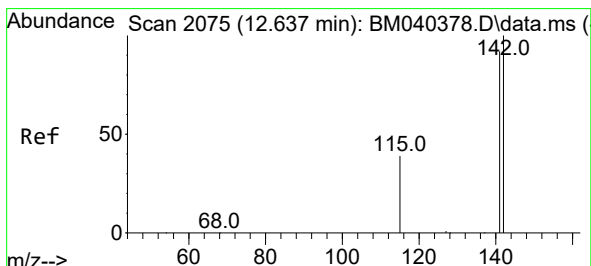
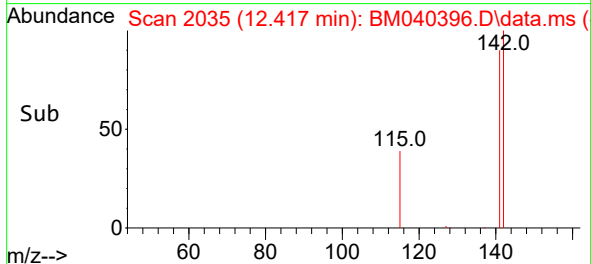
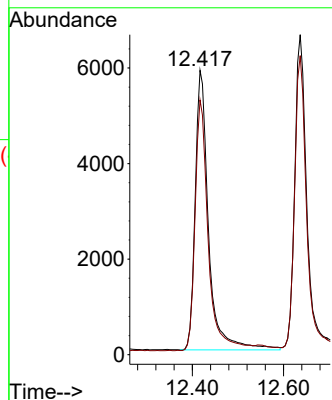
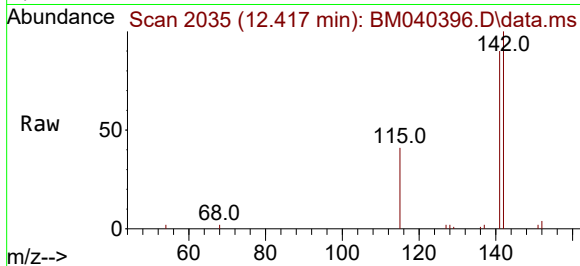




#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

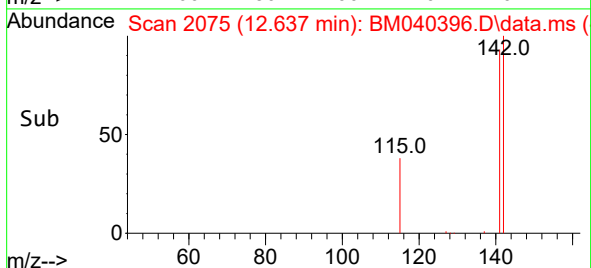
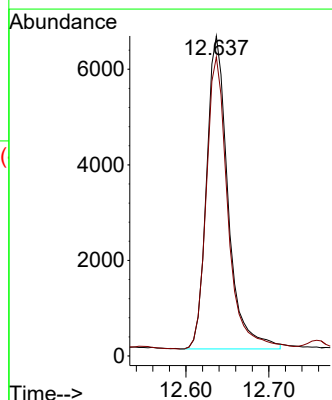
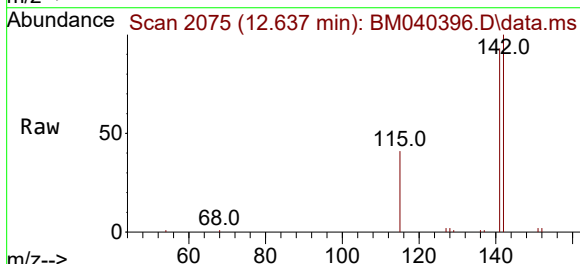
Instrument :
BNA_M
ClientSampleId :
SSTD0.4132

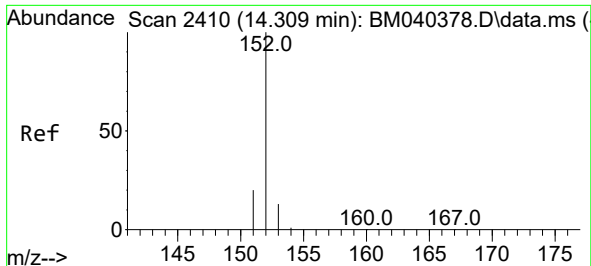
Tgt Ion:142 Resp: 11925
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

Tgt Ion:142 Resp: 11819
Ion Ratio Lower Upper
142 100
141 93.1 73.7 110.5

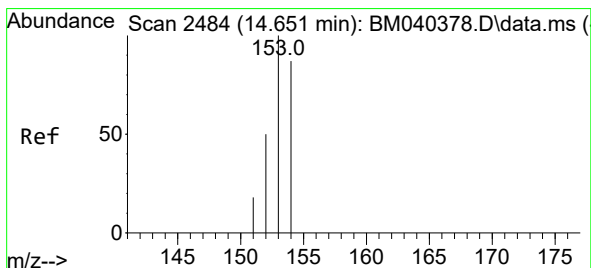
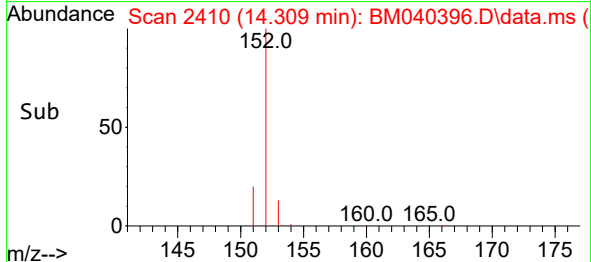
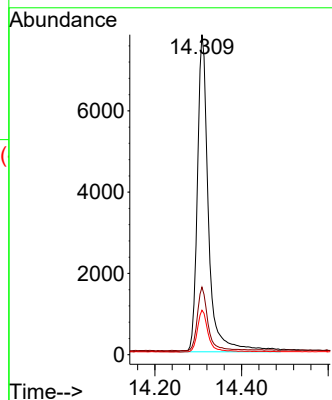
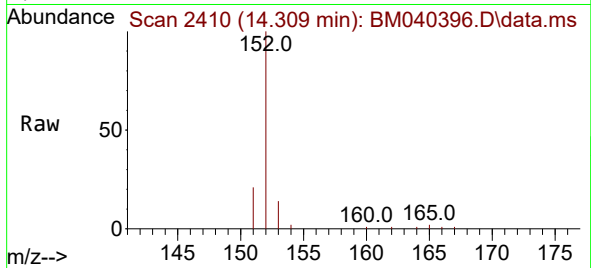




#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

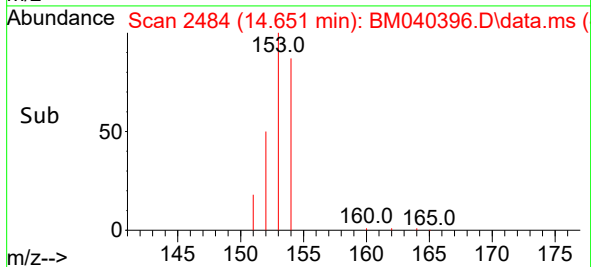
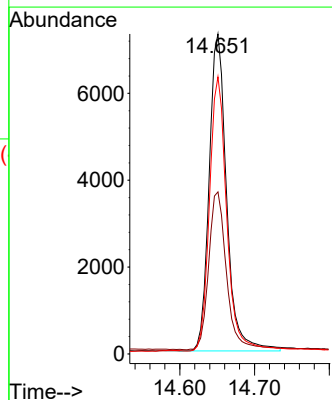
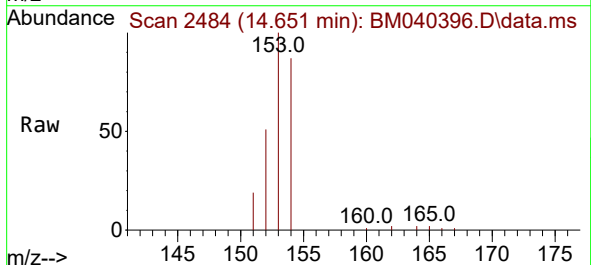
Instrument :
BNA_M
ClientSampleId :
SSTD0.4132

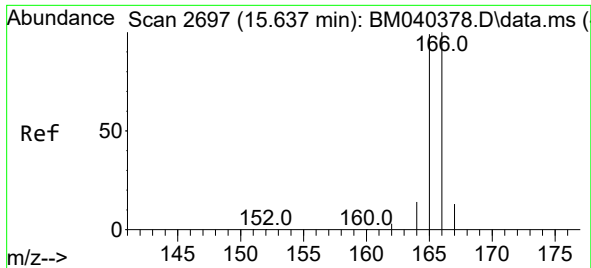
Tgt Ion:	152	Resp:	13929
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.2	24.2
153	13.9	10.9	16.3



#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

Tgt Ion:	153	Resp:	11878
Ion Ratio	Lower	Upper	
153	100		
152	50.6	41.0	61.4
154	86.6	70.8	106.2

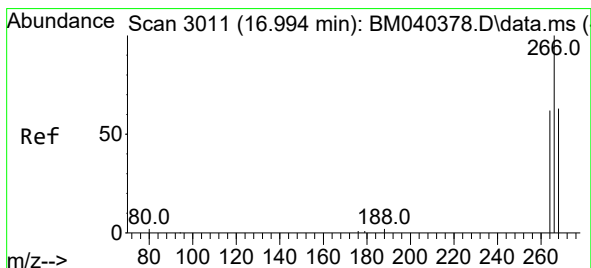
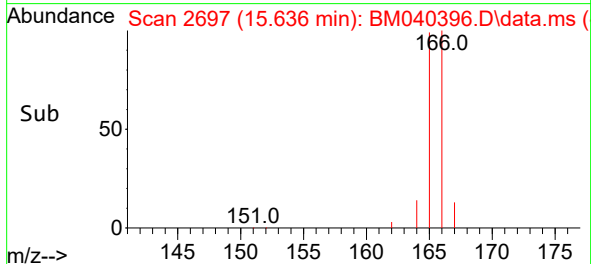
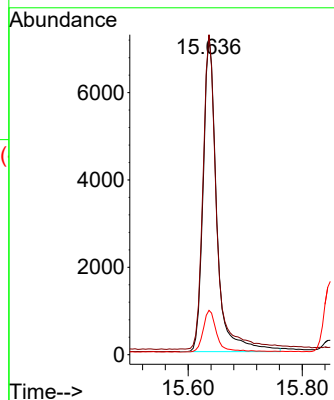
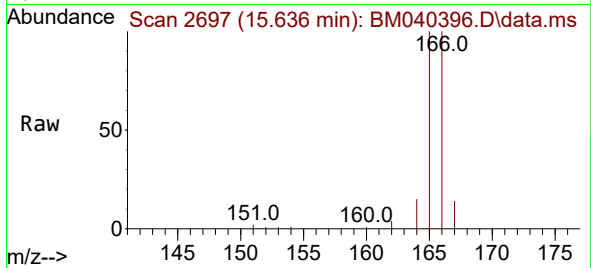




#12
 Fluorene
 Concen: 0.366 ng/ul
 RT: 15.636 min Scan# 2
 Delta R.T. -0.005 min
 Lab File: BM040396.D
 Acq: 26 Jun 2023 11:42

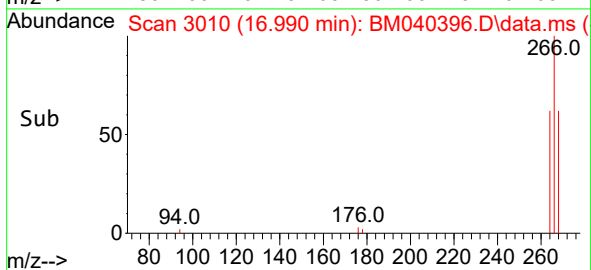
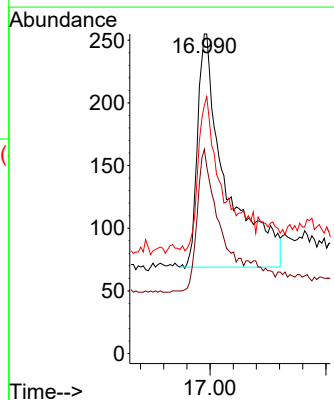
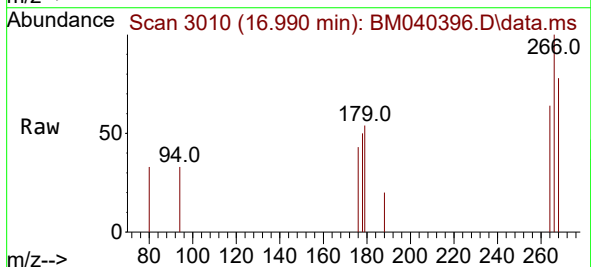
Instrument :
 BNA_M
 ClientSampleId :
 SST0.4132

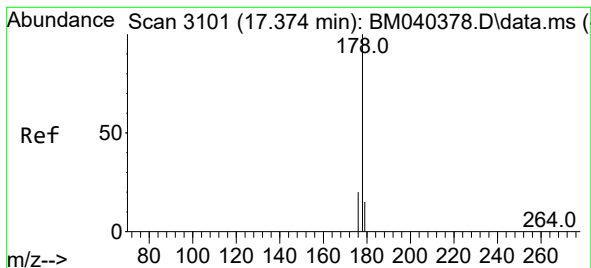
Tgt Ion:	166	Resp:	11934
Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.6	119.4
167	13.9	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.241 ng/ul
 RT: 16.990 min Scan# 3010
 Delta R.T. -0.021 min
 Lab File: BM040396.D
 Acq: 26 Jun 2023 11:42

Tgt Ion:	266	Resp:	629
Ion	Ratio	Lower	Upper
266	100		
264	58.5	45.4	68.0
268	56.4	47.2	70.8





#15

Phenanthrene

Concen: 0.383 ng/ul

RT: 17.374 min Scan# 3101

Delta R.T. -0.004 min

Lab File: BM040396.D

Acq: 26 Jun 2023 11:42

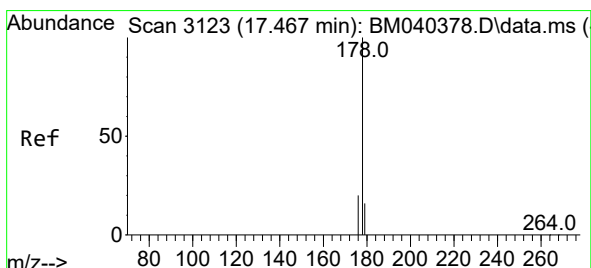
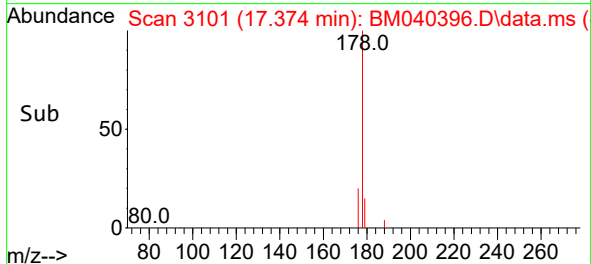
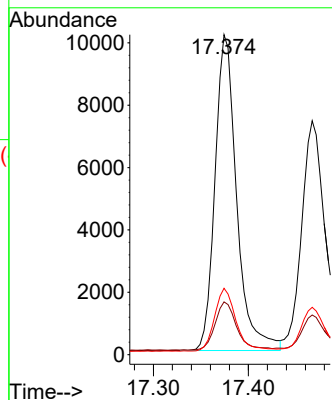
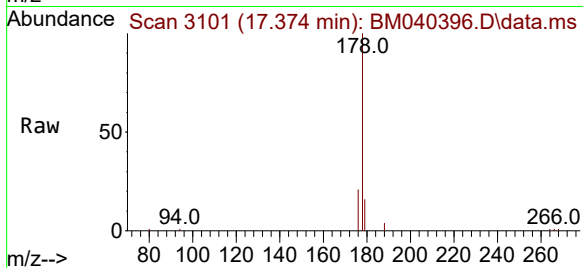
Instrument :

BNA_M

ClientSampleId :

SSTD0.4132

Tgt Ion:178	Resp:	16130
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.8 19.2
176	20.7	16.4 24.6



#16

Anthracene

Concen: 0.379 ng/ul

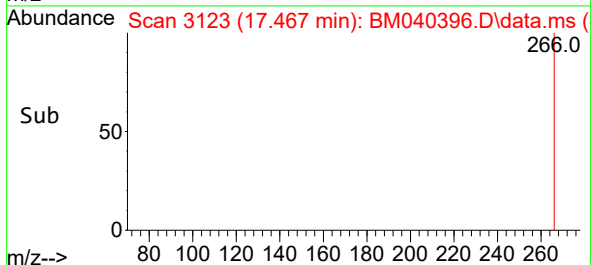
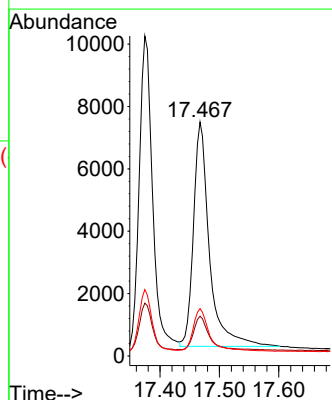
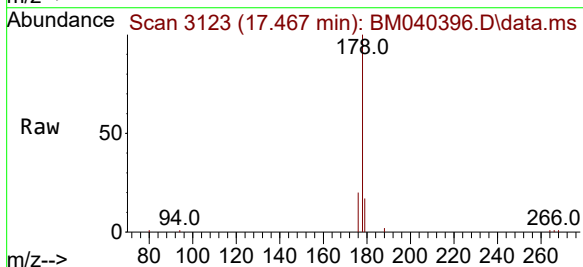
RT: 17.467 min Scan# 3123

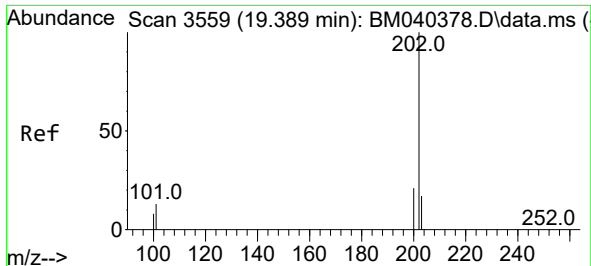
Delta R.T. -0.004 min

Lab File: BM040396.D

Acq: 26 Jun 2023 11:42

Tgt Ion:178	Resp:	13438
Ion Ratio	Lower	Upper
178	100	
179	16.9	12.9 19.3
176	20.3	15.8 23.6

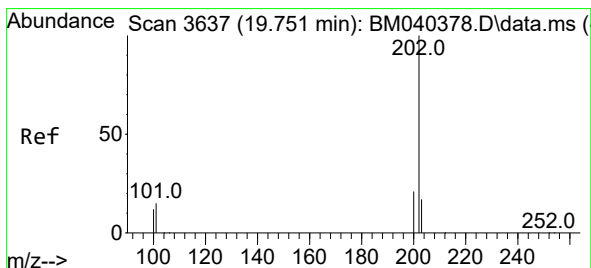
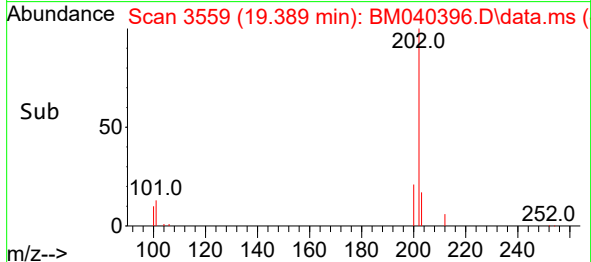
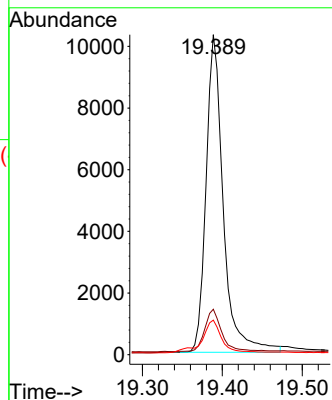
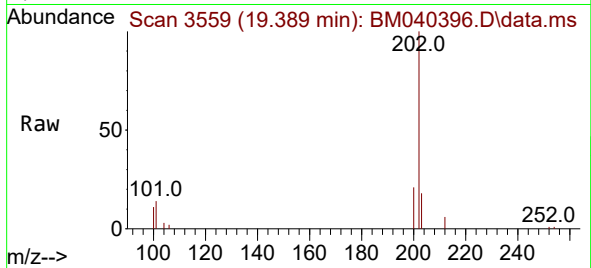




#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

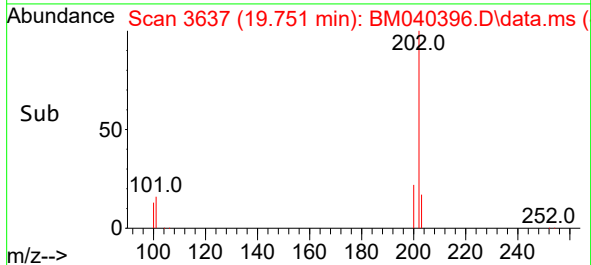
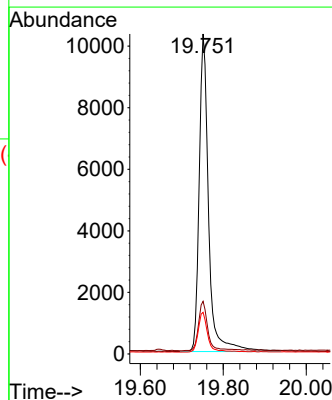
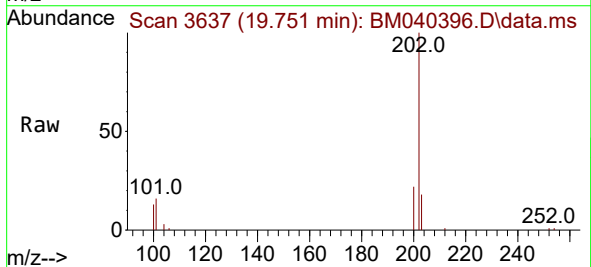
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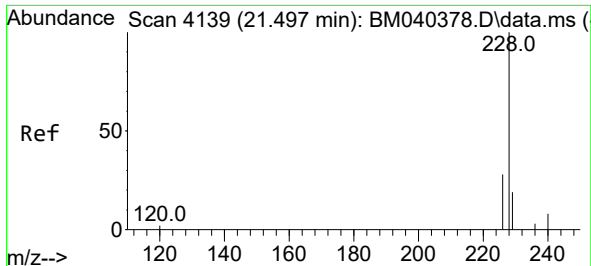
Tgt Ion:202 Resp: 15452
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 10.8 8.7 13.1



#20
Pyrene
Concen: 0.377 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

Tgt Ion:202 Resp: 16322
Ion Ratio Lower Upper
202 100
101 16.4 12.6 18.8
100 13.0 9.8 14.6

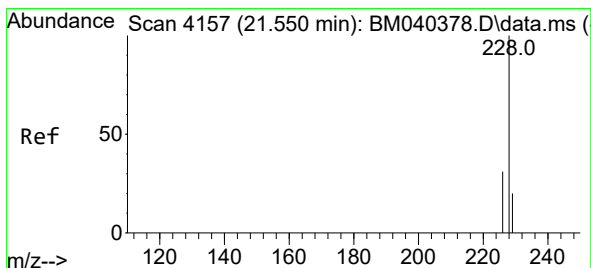
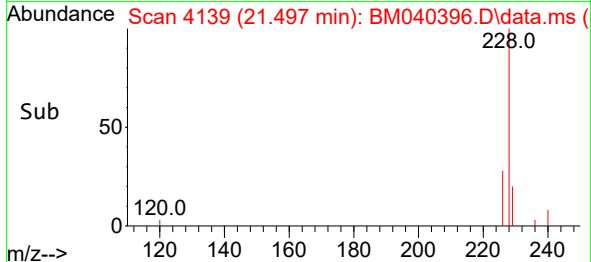
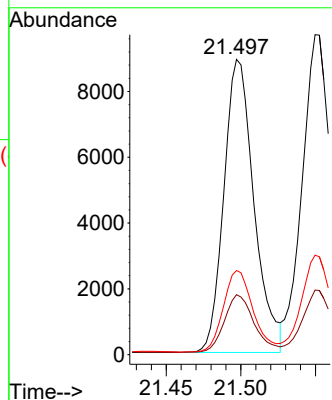
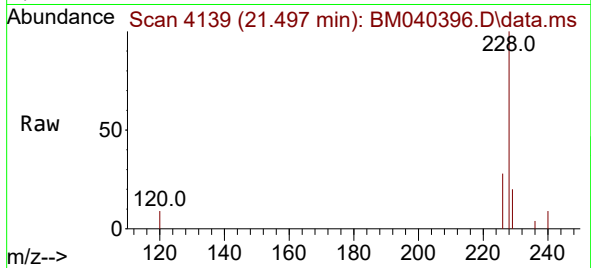




#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

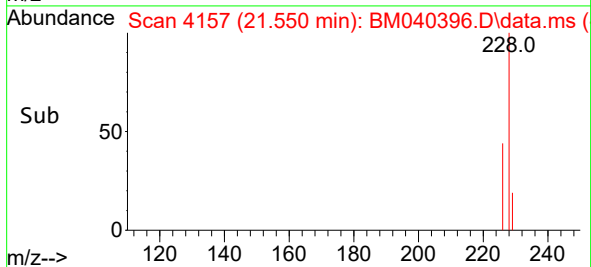
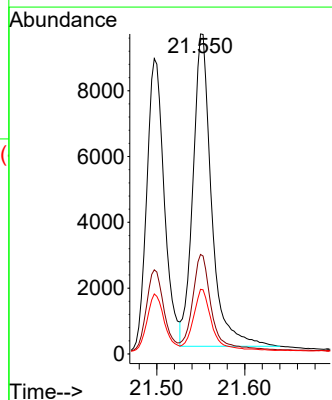
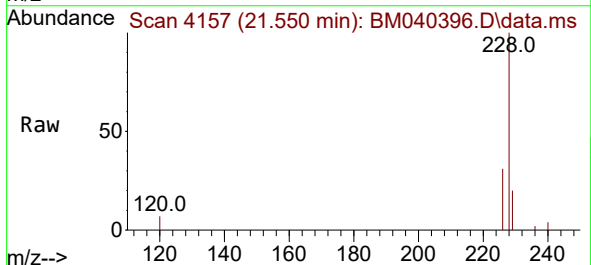
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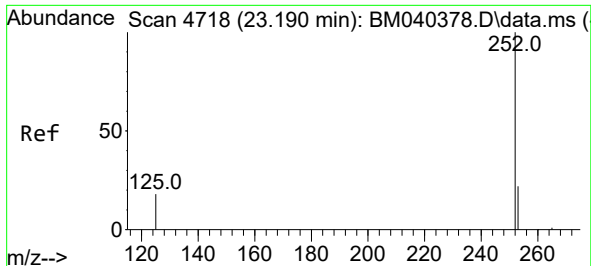
Tgt Ion:228 Resp: 12511
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 28.5 22.3 33.5



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

Tgt Ion:228 Resp: 14002
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 20.2 15.8 23.6

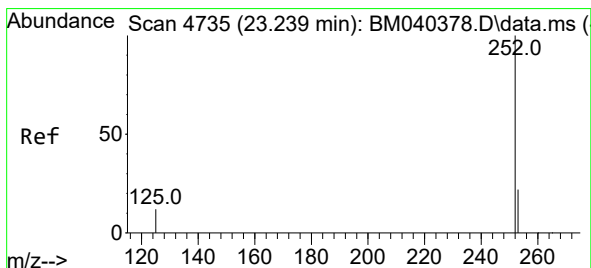
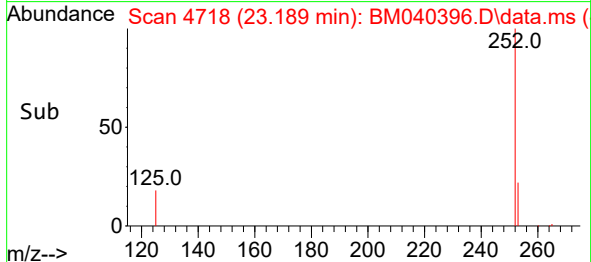
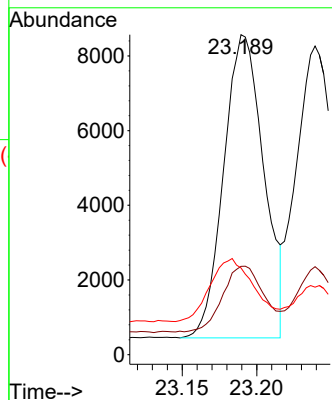
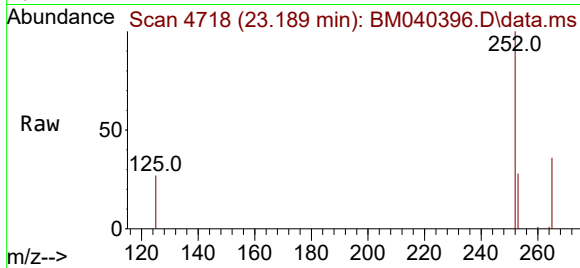




#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 23.189 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

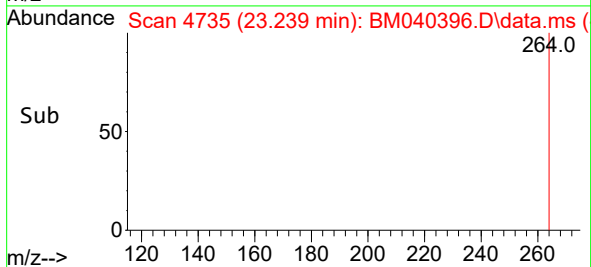
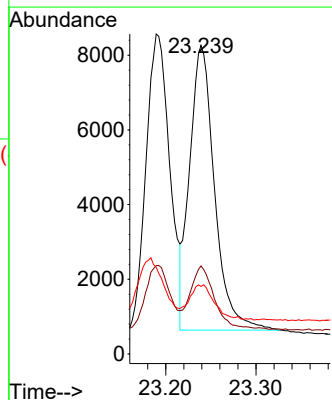
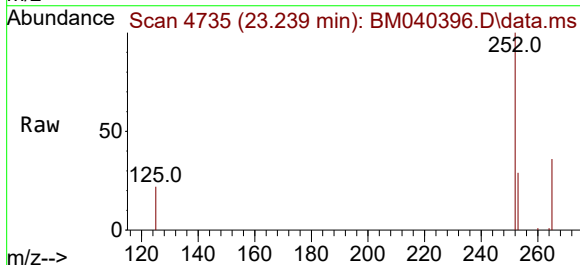
Instrument :
BNA_M
ClientSampleId :
SSTD0.4132

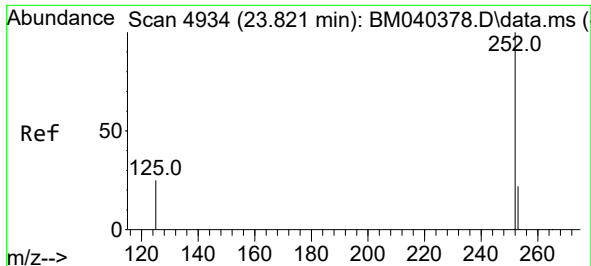
Tgt Ion:252	Resp:	15176
Ion Ratio	Lower	Upper
252	100	
253	27.6	0.0 52.8
125	27.1	0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 23.239 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

Tgt Ion:252	Resp:	14655
Ion Ratio	Lower	Upper
252	100	
253	28.5	21.2 31.8
125	21.9	16.4 24.6

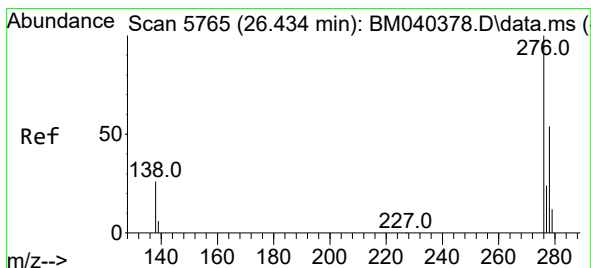
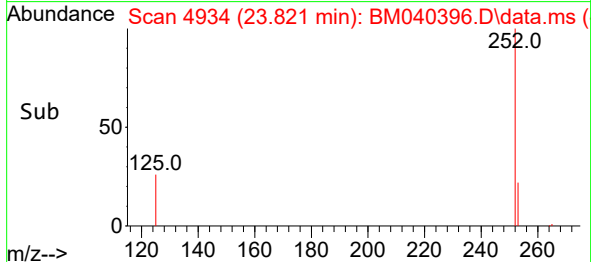
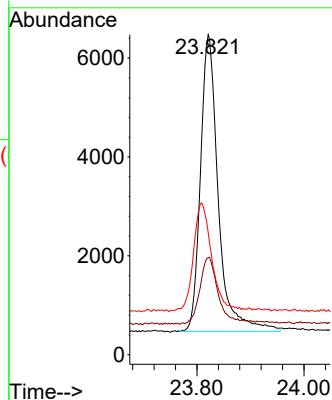
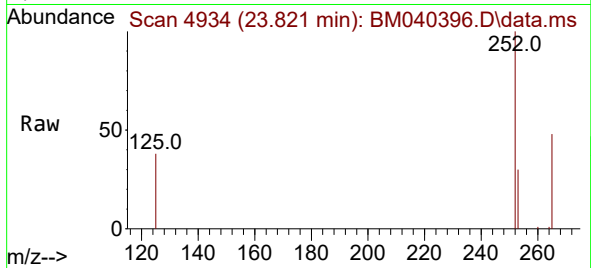




#26
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

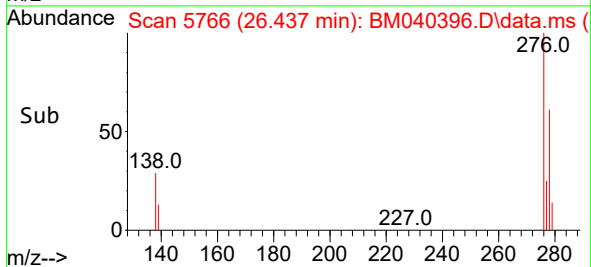
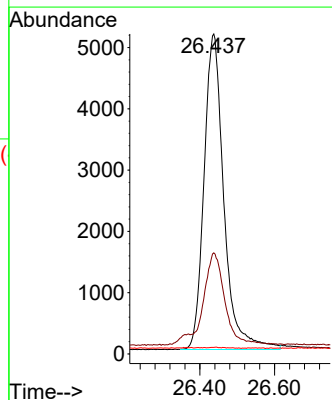
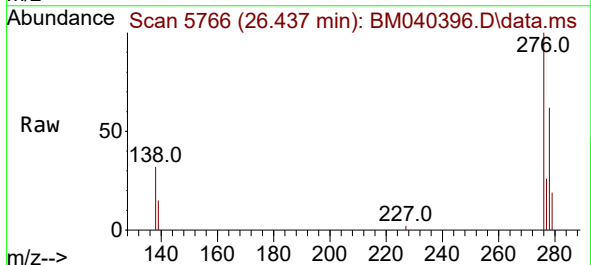
Instrument :
BNA_M
ClientSampleId :
SSTD0.4132

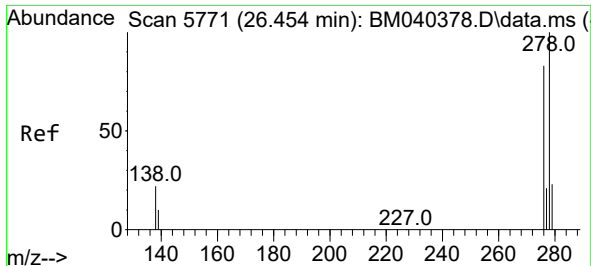
Tgt Ion:252 Resp: 13844
Ion Ratio Lower Upper
252 100
253 30.3 22.9 34.3
125 38.2 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. 0.003 min
Lab File: BM040396.D
Acq: 26 Jun 2023 11:42

Tgt Ion:276 Resp: 18924
Ion Ratio Lower Upper
276 100
138 28.9 24.5 36.7
227 0.1 0.1 0.1#

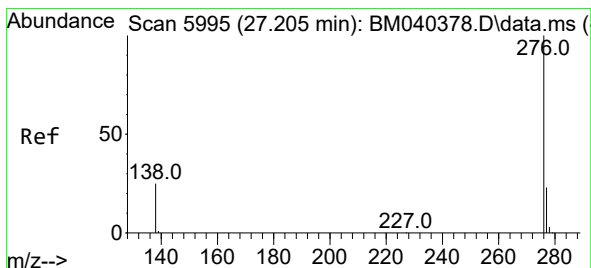
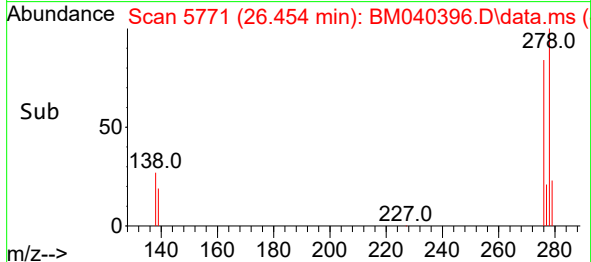
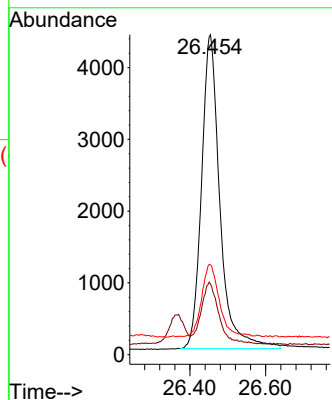
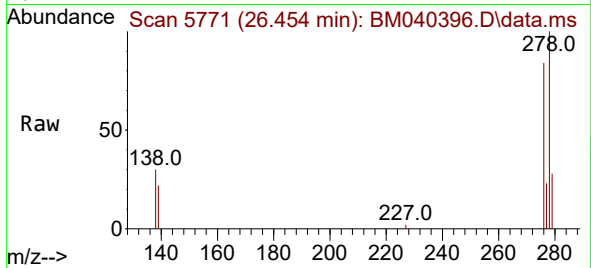




#28
 Dibenzo(a,h)anthracene
 Concen: 0.387 ng/ul
 RT: 26.454 min Scan# 5771
 Delta R.T. -0.000 min
 Lab File: BM040396.D
 Acq: 26 Jun 2023 11:42

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4132

Tgt Ion:278 Resp: 14756
 Ion Ratio Lower Upper
 278 100
 139 22.1 17.9 26.9
 279 28.1 22.0 33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.379 ng/ul
 RT: 27.205 min Scan# 5995
 Delta R.T. -0.000 min
 Lab File: BM040396.D
 Acq: 26 Jun 2023 11:42

Tgt Ion:276 Resp: 16159
 Ion Ratio Lower Upper
 276 100
 138 28.8 23.0 34.6
 277 25.8 20.3 30.5

