

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040372.D
 Acq On : 23 Jun 2023 13:03
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4129

Quant Time: Jun 24 01:36:34 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

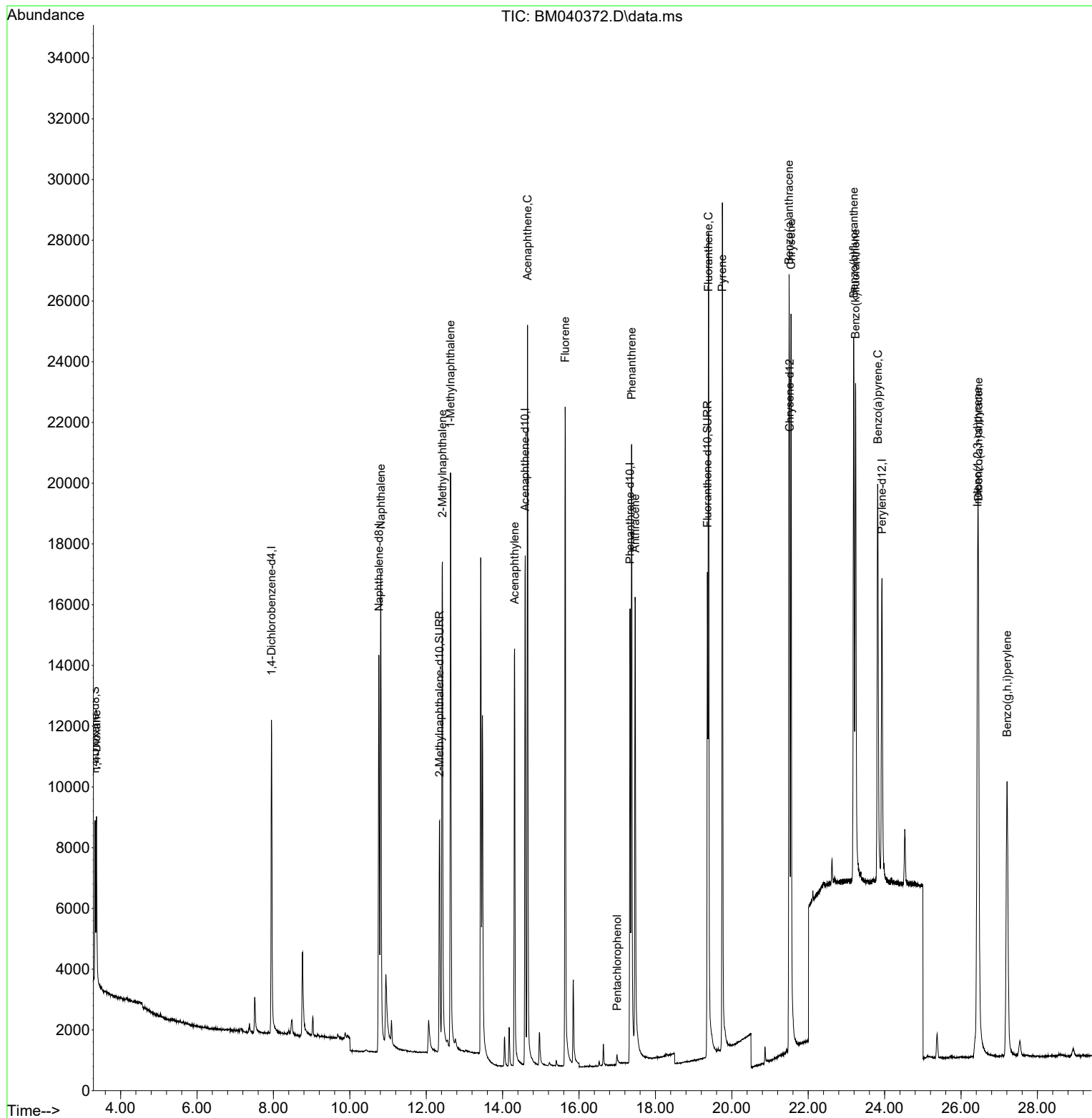
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	5970	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	21077	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	9983	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	18855	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	14652	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	14661	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	3538	0.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	12205	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	18551	0.395	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	3604	0.378	ng/ul#	92
5) Naphthalene	10.811	128	23477	0.404	ng/ul	100
7) 2-Methylnaphthalene	12.422	142	13865	0.406	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	13927	0.408	ng/ul	100
10) Acenaphthylene	14.313	152	18120	0.406	ng/ul	100
11) Acenaphthene	14.651	153	14840	0.394	ng/ul	98
12) Fluorene	15.637	166	15817	0.393	ng/ul	98
14) Pentachlorophenol	16.995	266	454	0.125	ng/ul	90
15) Phenanthrene	17.379	178	23178	0.396	ng/ul	99
16) Anthracene	17.467	178	20153	0.409	ng/ul	99
19) Fluoranthene	19.389	202	24424	0.392	ng/ul	100
20) Pyrene	19.751	202	26157	0.392	ng/ul	98
21) Benzo(a)anthracene	21.497	228	21227	0.428	ng/ul	100
22) Chrysene	21.550	228	22888	0.405	ng/ul	99
24) Benzo(b)fluoranthene	23.192	252	23413	0.413	ng/ul	98
25) Benzo(k)fluoranthene	23.239	252	22841	0.408	ng/ul	99
26) Benzo(a)pyrene	23.821	252	20902	0.409	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.434	276	25690	0.361	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.454	278	20385	0.366	ng/ul	99
29) Benzo(g,h,i)perylene	27.205	276	21272	0.341	ng/ul	98

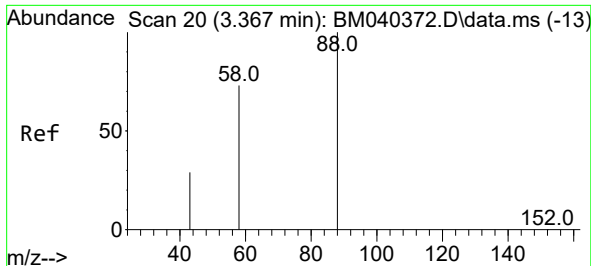
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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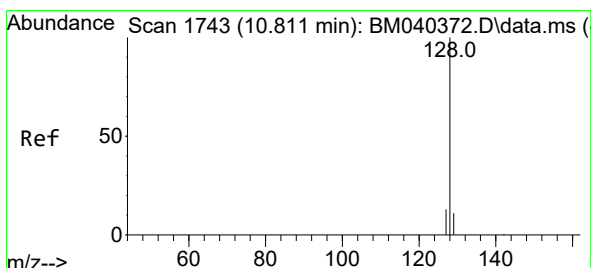
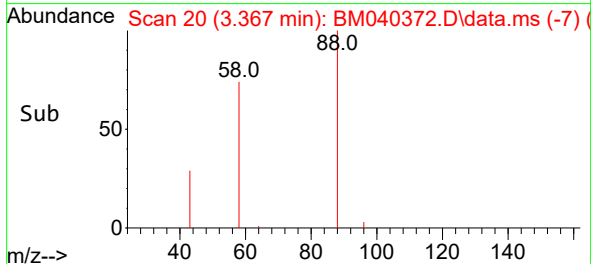
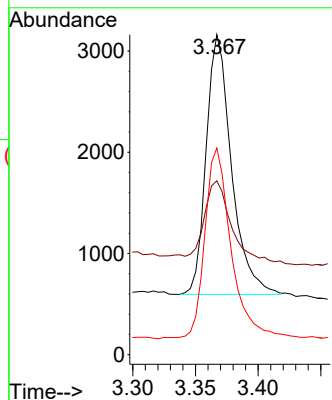
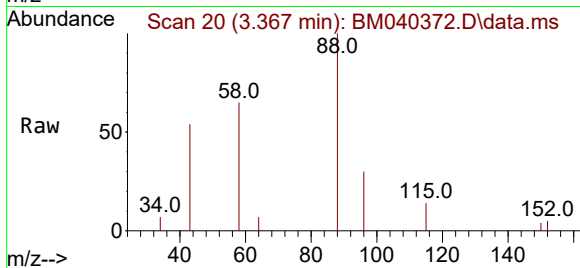




#2
1,4-Dioxane
Concen: 0.378 ng/ul
RT: 3.367 min Scan# 20
Delta R.T. -0.004 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

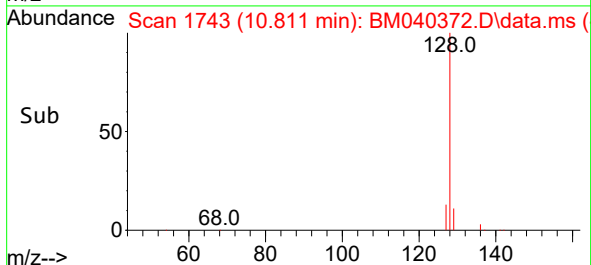
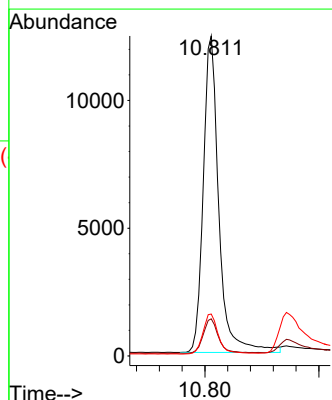
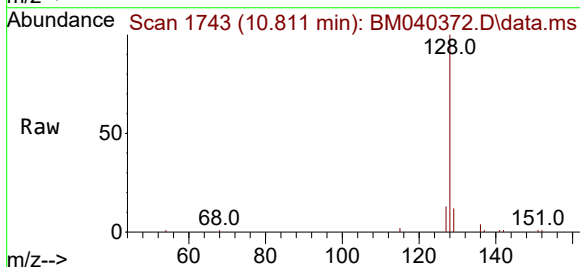
Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

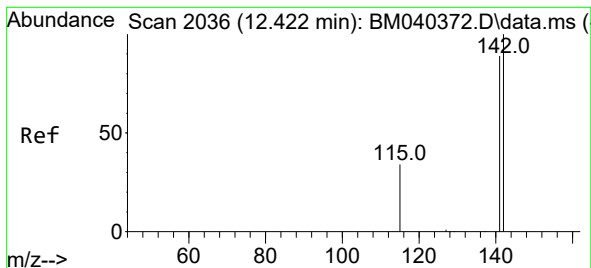
Tgt Ion: 88 Resp: 3604
Ion Ratio Lower Upper
88 100
43 54.4 36.1 54.1#
58 64.6 49.8 74.8



#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

Tgt Ion: 128 Resp: 23477
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.1 10.6 15.8

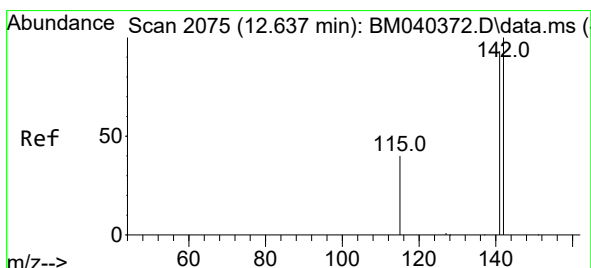
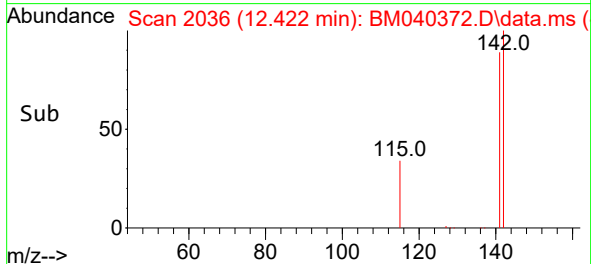
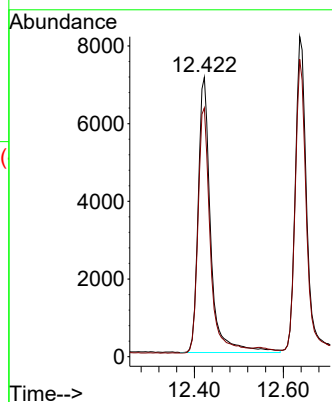
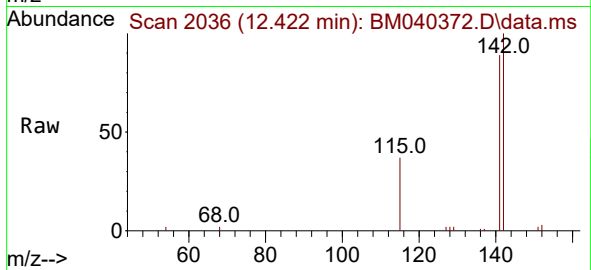




#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

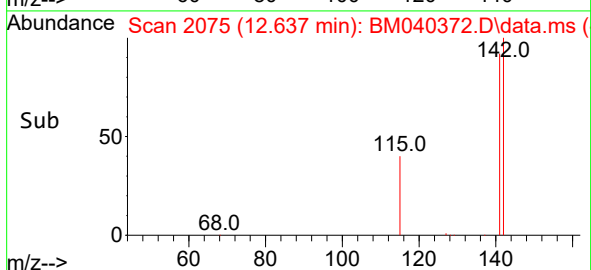
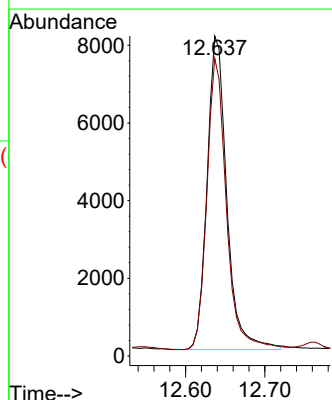
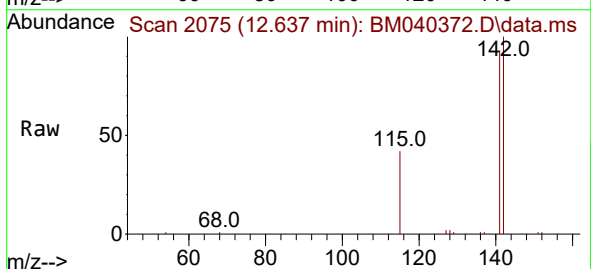
Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

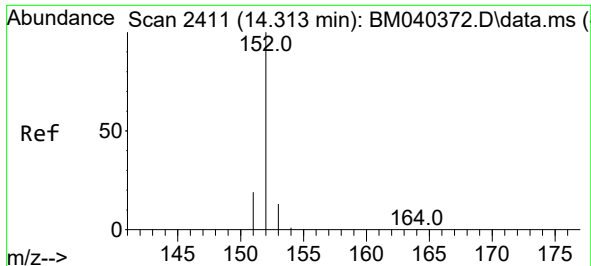
Tgt Ion:142 Resp: 13865
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

Tgt Ion:142 Resp: 13927
Ion Ratio Lower Upper
142 100
141 92.0 73.7 110.5

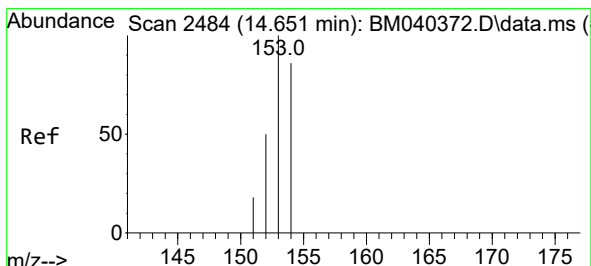
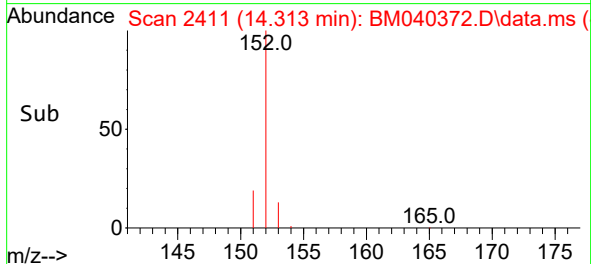
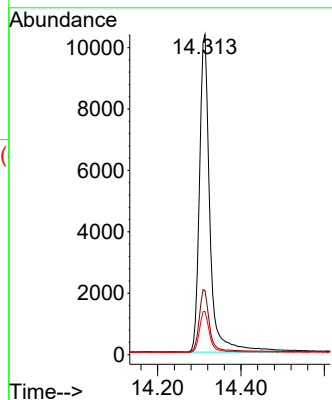
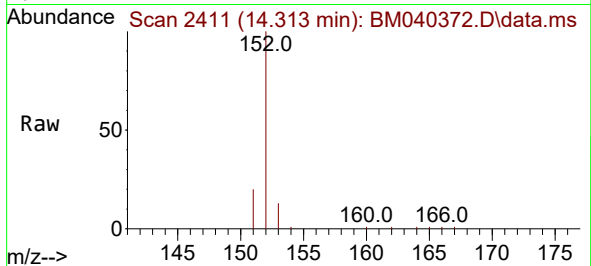




#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

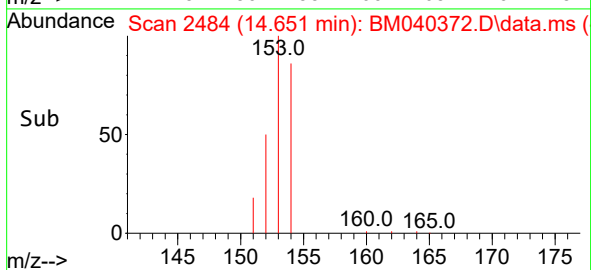
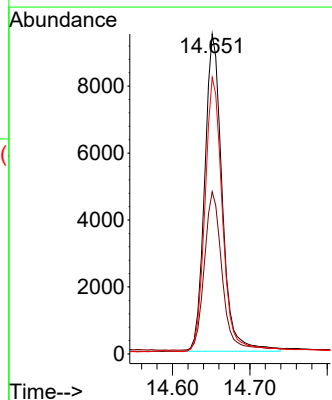
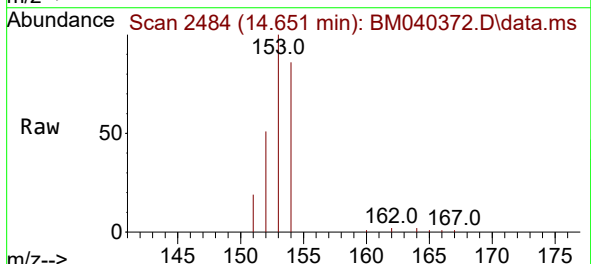
Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

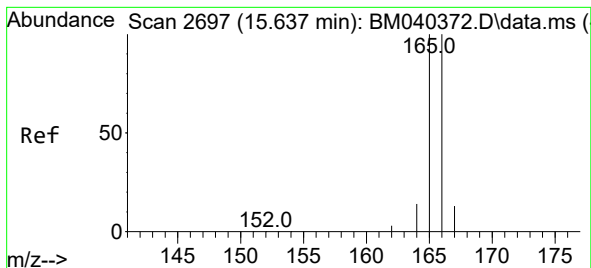
Tgt Ion:152 Resp: 18120
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

Tgt Ion:153 Resp: 14840
Ion Ratio Lower Upper
153 100
152 50.7 41.0 61.4
154 86.4 70.8 106.2





#12

Fluorene

Concen: 0.393 ng/ul

RT: 15.637 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM040372.D

Acq: 23 Jun 2023 13:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.4129

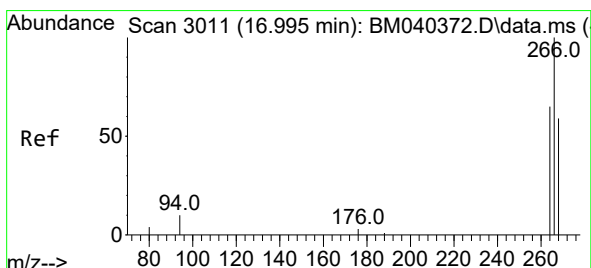
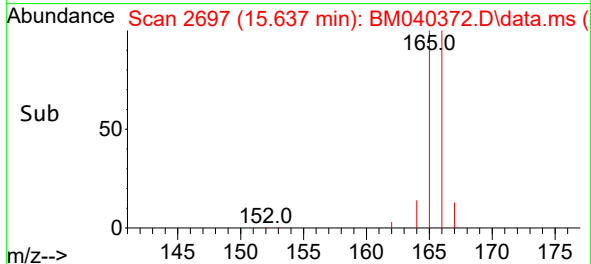
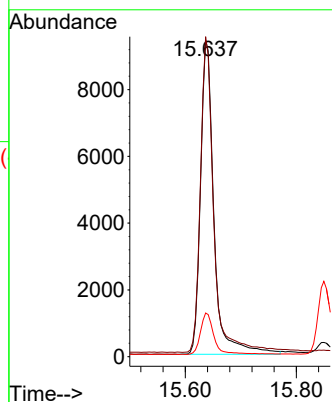
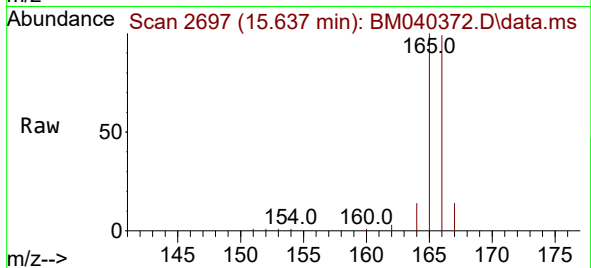
Tgt Ion:166 Resp: 15817

Ion Ratio Lower Upper

166 100

165 101.1 79.6 119.4

167 13.8 11.4 17.0



#14

Pentachlorophenol

Concen: 0.125 ng/ul

RT: 16.995 min Scan# 3011

Delta R.T. -0.017 min

Lab File: BM040372.D

Acq: 23 Jun 2023 13:03

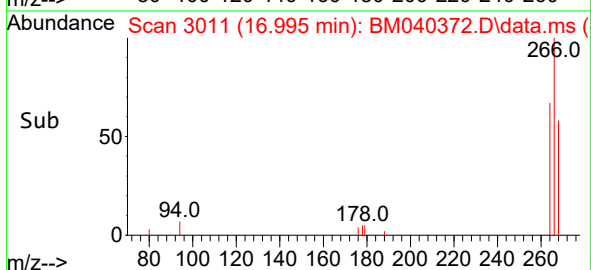
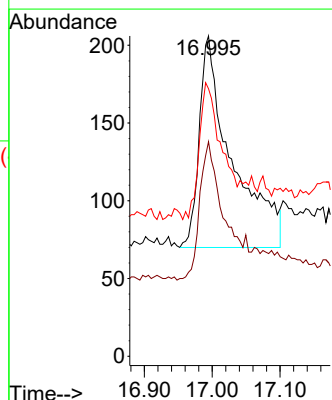
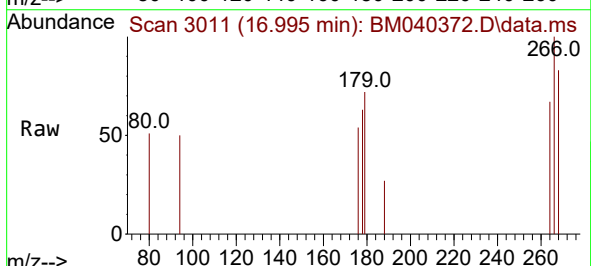
Tgt Ion:266 Resp: 454

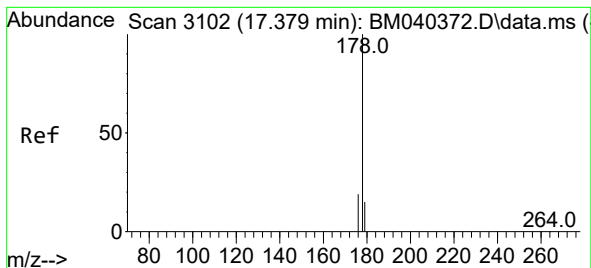
Ion Ratio Lower Upper

266 100

264 66.3 45.4 68.0

268 54.2 47.2 70.8





#15

Phenanthrene

Concen: 0.396 ng/ul

RT: 17.379 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BM040372.D

Acq: 23 Jun 2023 13:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.4129

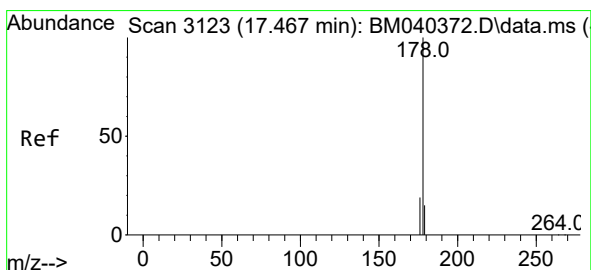
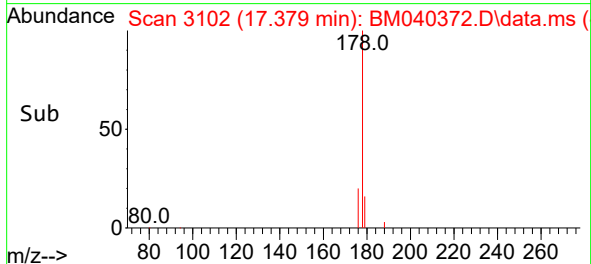
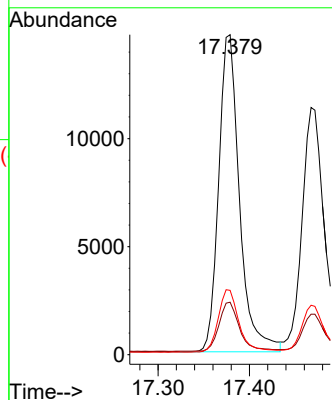
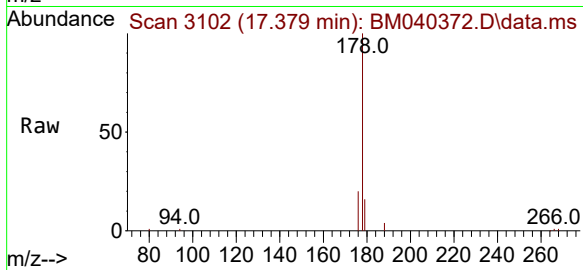
Tgt Ion:178 Resp: 23178

Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

176 20.1 16.4 24.6



#16

Anthracene

Concen: 0.409 ng/ul

RT: 17.467 min Scan# 3123

Delta R.T. -0.004 min

Lab File: BM040372.D

Acq: 23 Jun 2023 13:03

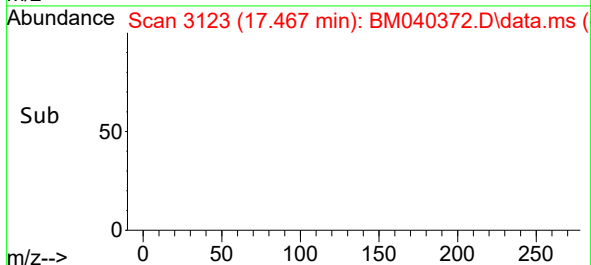
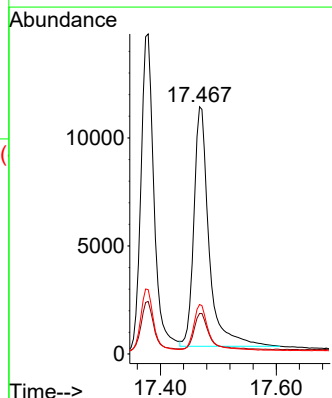
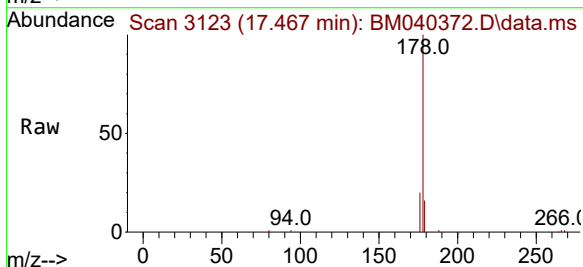
Tgt Ion:178 Resp: 20153

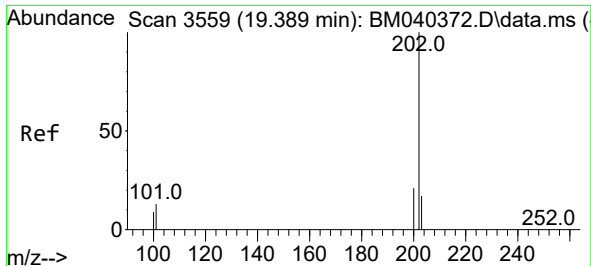
Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

176 20.0 15.8 23.6

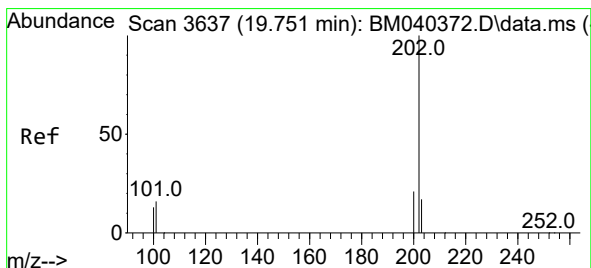
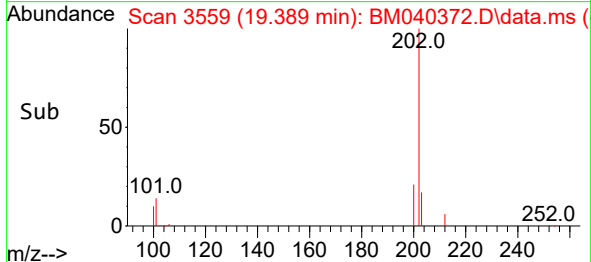
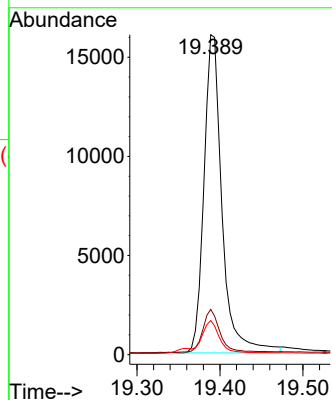
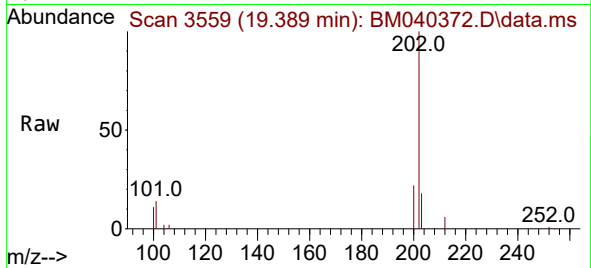




#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

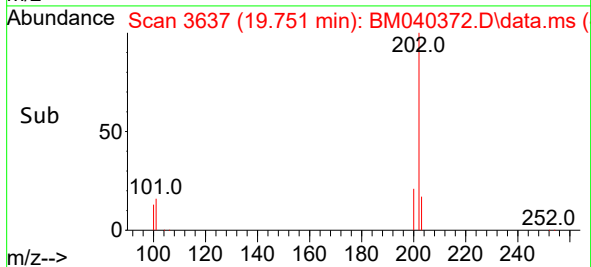
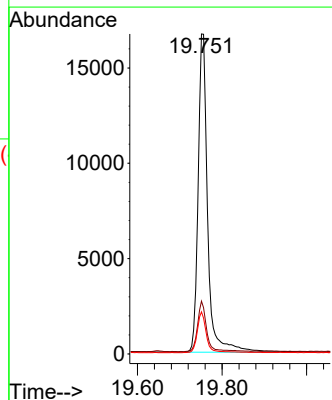
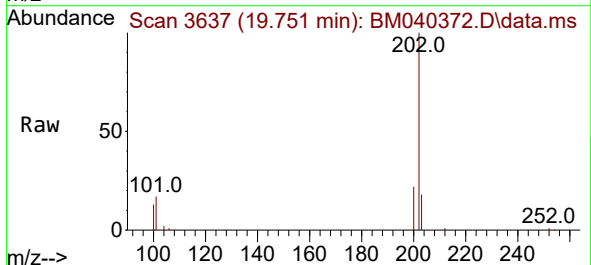
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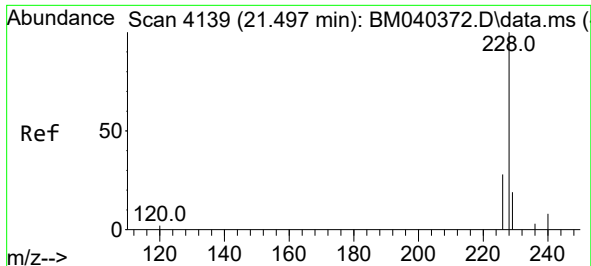
Tgt Ion:202 Resp: 24424
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 10.7 8.7 13.1



#20
Pyrene
Concen: 0.392 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

Tgt Ion:202 Resp: 26157
Ion Ratio Lower Upper
202 100
101 16.5 12.6 18.8
100 13.1 9.8 14.6

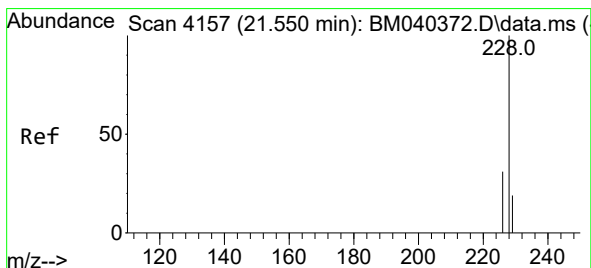
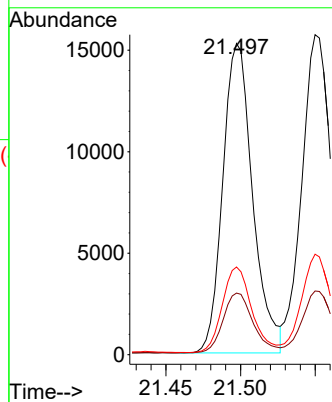
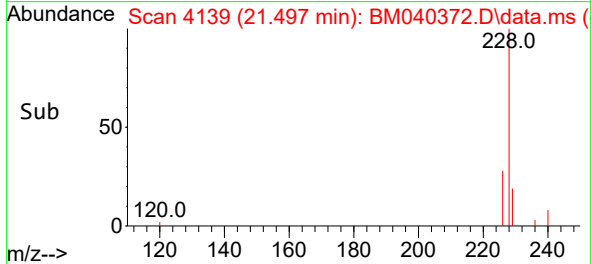
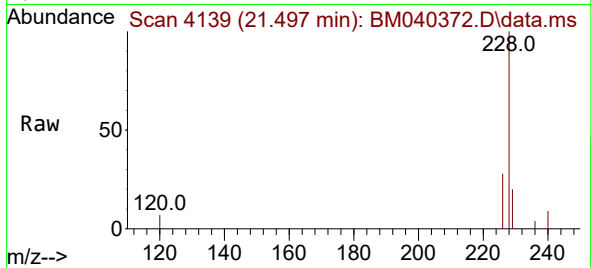




#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

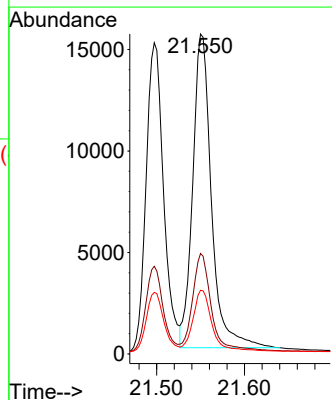
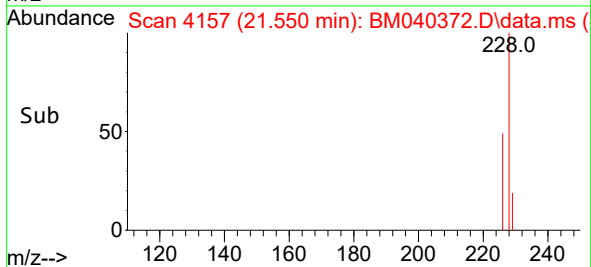
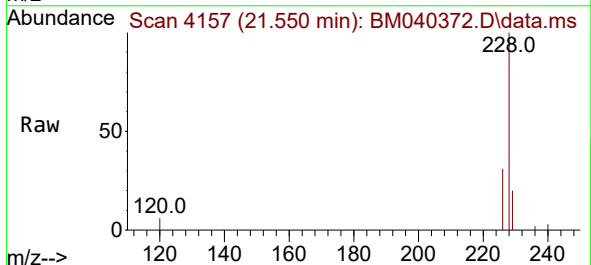
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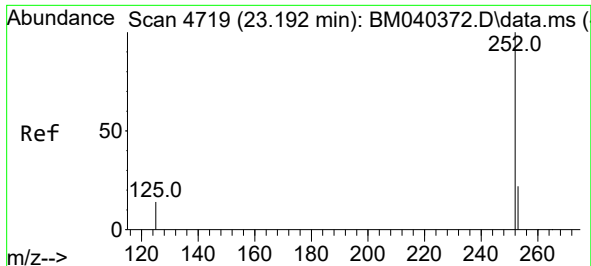
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Ion Ratio	Lower	Upper	
228	100		
229	19.8	16.0	24.0
226	28.2	22.3	33.5



#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

Tgt Ion:	228	Resp:	22888
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.9	37.3
229	19.9	15.8	23.6

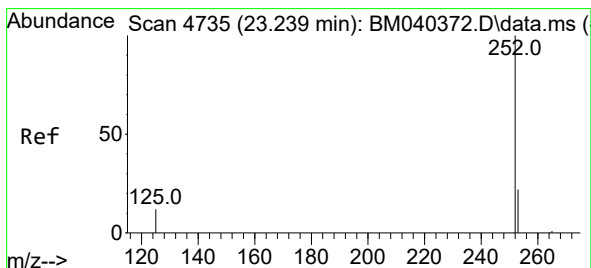
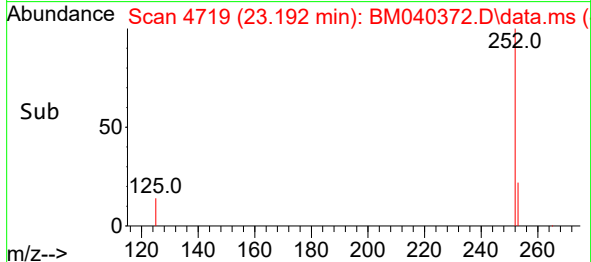
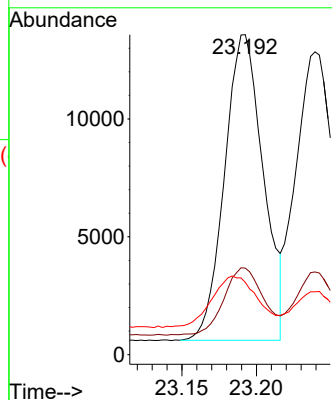
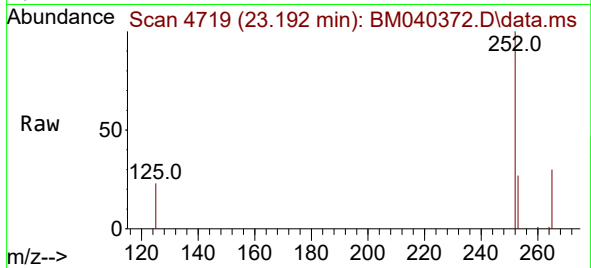




#24
Benzo(b)fluoranthene
Concen: 0.413 ng/ul
RT: 23.192 min Scan# 4719
Delta R.T. 0.000 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

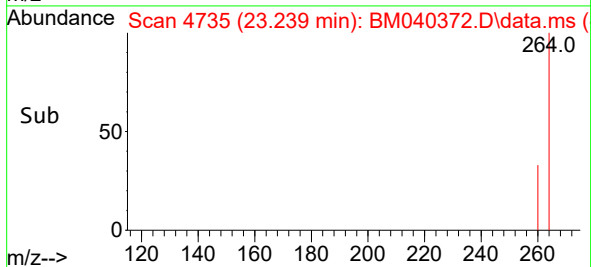
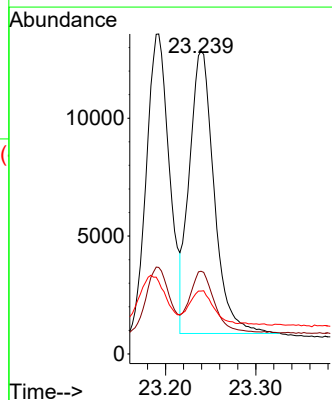
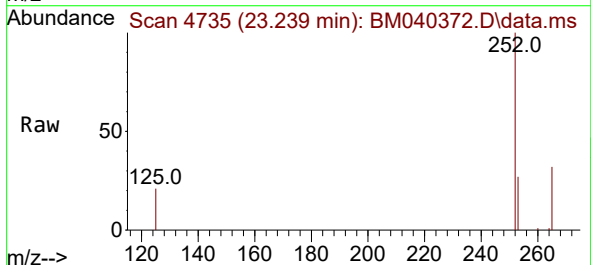
Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

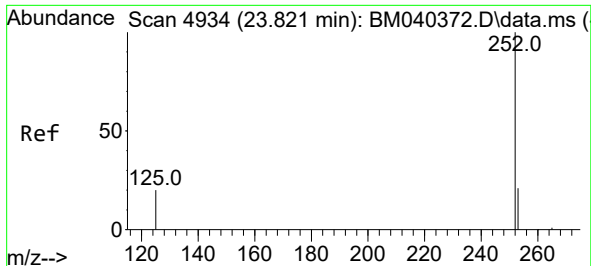
Tgt Ion:252 Resp: 23413
Ion Ratio Lower Upper
252 100
253 27.1 0.0 52.8
125 22.6 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.408 ng/ul
RT: 23.239 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

Tgt Ion:252 Resp: 22841
Ion Ratio Lower Upper
252 100
253 27.3 21.2 31.8
125 20.7 16.4 24.6

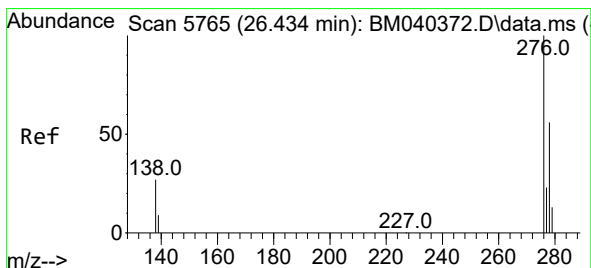
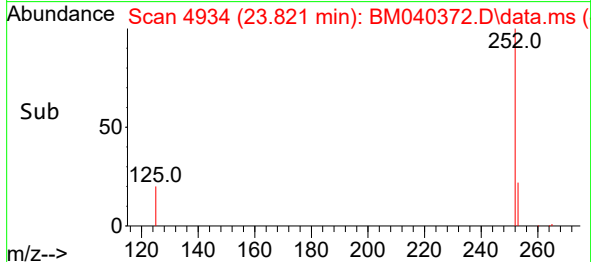
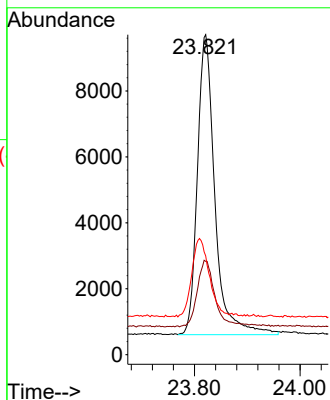
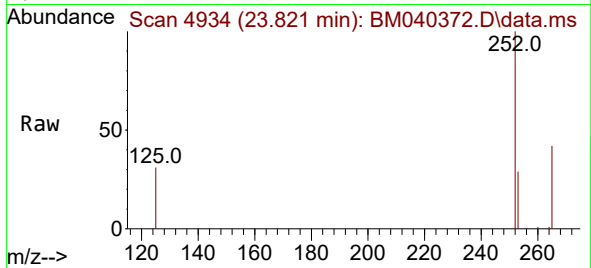




#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

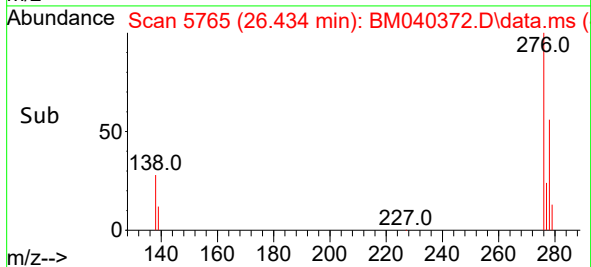
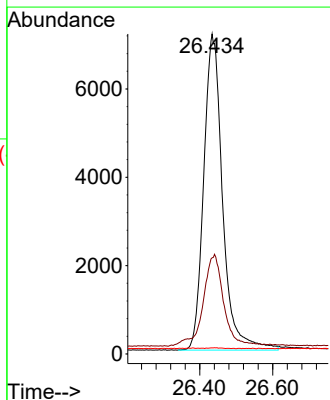
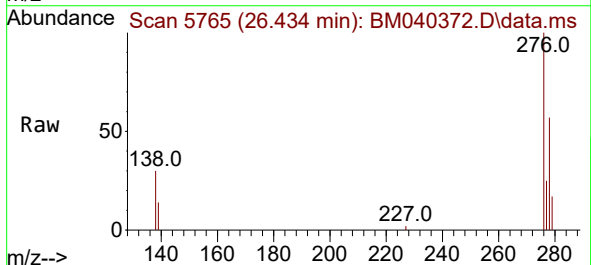
Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

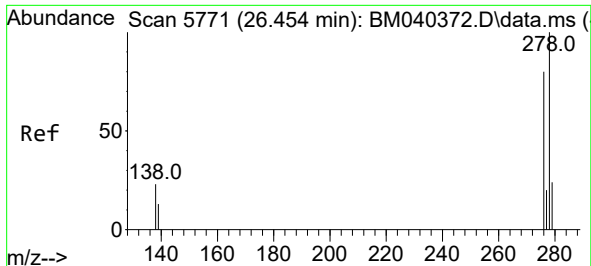
Tgt Ion:252 Resp: 20902
Ion Ratio Lower Upper
252 100
253 29.1 22.9 34.3
125 30.8 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. 0.000 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

Tgt Ion:276 Resp: 25690
Ion Ratio Lower Upper
276 100
138 32.0 24.5 36.7
227 0.2 0.1 0.1#

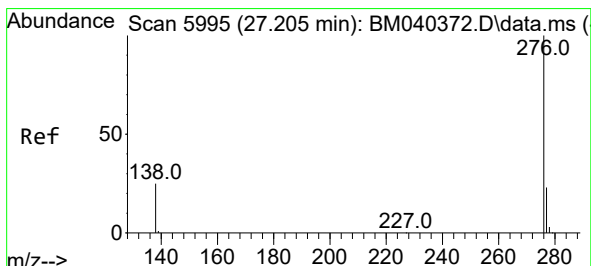
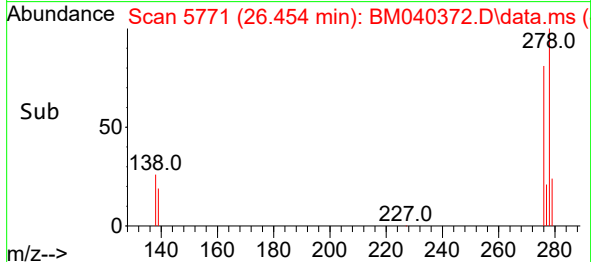
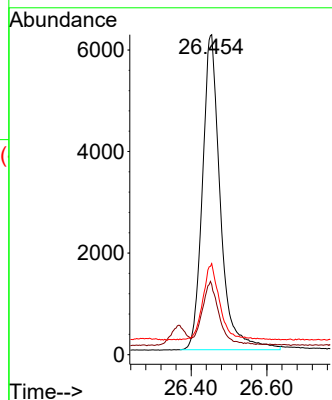
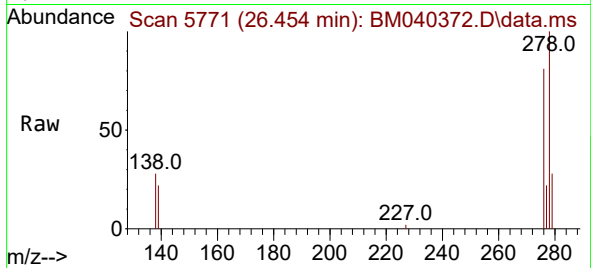




#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 26.454 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

Tgt Ion:278 Resp: 20385
Ion Ratio Lower Upper
278 100
139 21.9 17.9 26.9
279 28.5 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. 0.000 min
Lab File: BM040372.D
Acq: 23 Jun 2023 13:03

Tgt Ion:276 Resp: 21272
Ion Ratio Lower Upper
276 100
138 27.5 23.0 34.6
277 25.0 20.3 30.5

