

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040387.D
 Acq On : 23 Jun 2023 22:15
 Operator : MA/JU
 Sample : 03084-21MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ7MS

Quant Time: Jun 24 01:39:06 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)

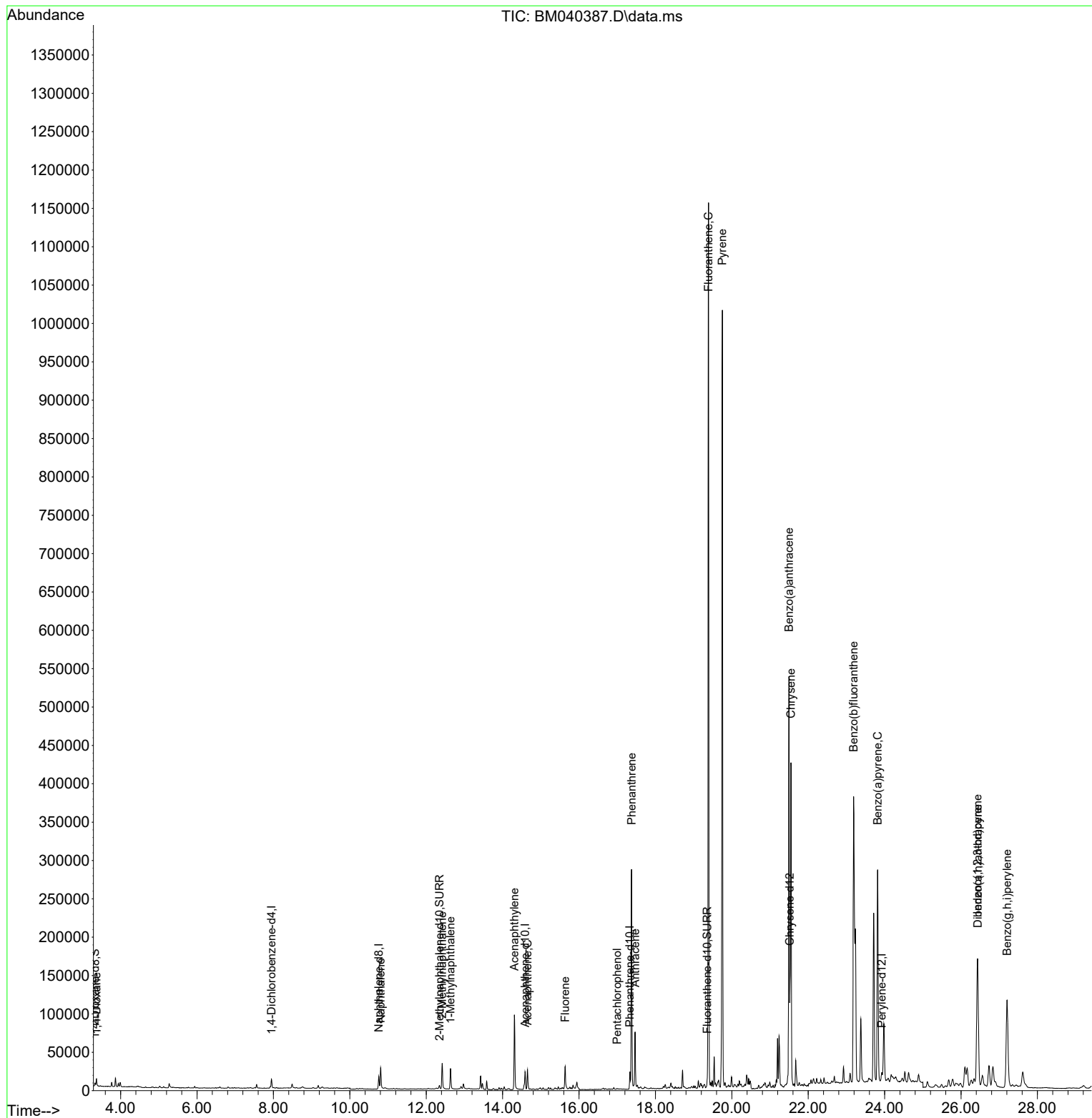
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	6347	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	24504	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.586	164	12770	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	25854	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	17142	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	17716	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	2549	0.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	6471	0.188	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	12424	0.226	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	6408	0.631	ng/ul#	76
5) Naphthalene	10.806	128	41161	0.609	ng/ul	100
7) 2-Methylnaphthalene	12.417	142	25051	0.631	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	19251	0.485	ng/ul	99
10) Acenaphthylene	14.309	152	119923	2.102	ng/ul	99
11) Acenaphthene	14.651	153	15284	0.317	ng/ul	99
12) Fluorene	15.637	166	19422	0.378	ng/ul	98
14) Pentachlorophenol	16.999	266	1329	0.267	ng/ul	93
15) Phenanthrene	17.375	178	304705	3.794	ng/ul	98
16) Anthracene	17.467	178	84796	1.256	ng/ul	99
19) Fluoranthene	19.389	202	939251	12.899	ng/ul#	94
20) Pyrene	19.751	202	811896	10.400	ng/ul	97
21) Benzo(a)anthracene	21.494	228	438943	7.570	ng/ul	99
22) Chrysene	21.547	228	437494	6.615	ng/ul	98
24) Benzo(b)fluoranthene	23.190	252	634426	9.253	ng/ul	88
26) Benzo(a)pyrene	23.818	252	390506	6.323	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.431	276	282331	3.283	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.441	278	75413	1.120	ng/ul	98
29) Benzo(g,h,i)perylene	27.205	276	254603	3.377	ng/ul	95

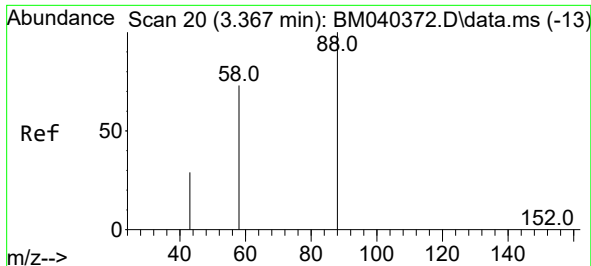
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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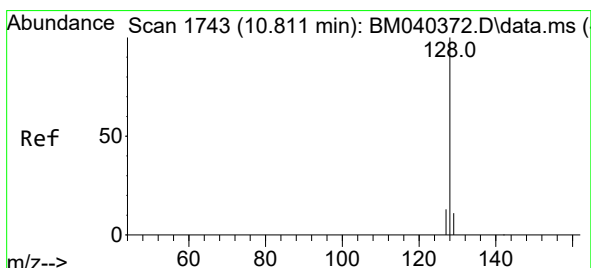
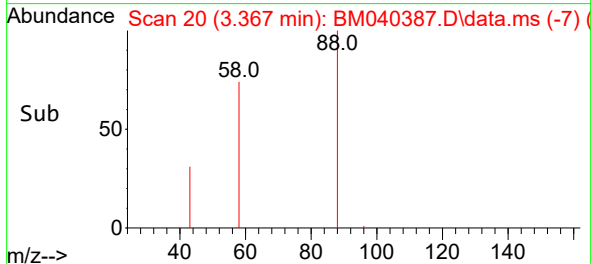
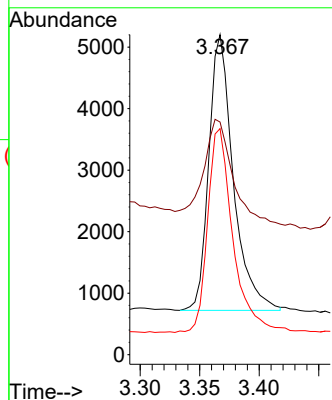
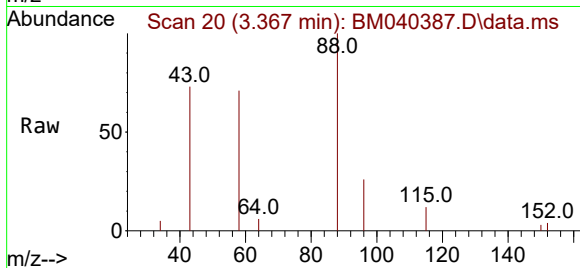




#2
1,4-Dioxane
Concen: 0.631 ng/ul
RT: 3.367 min Scan# 20
Delta R.T. -0.004 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

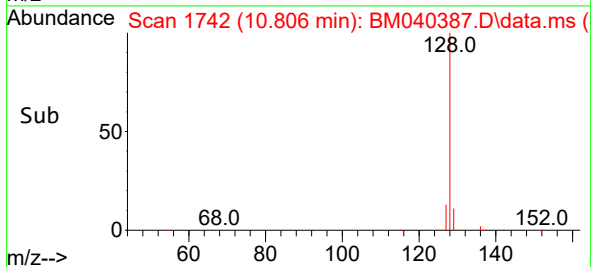
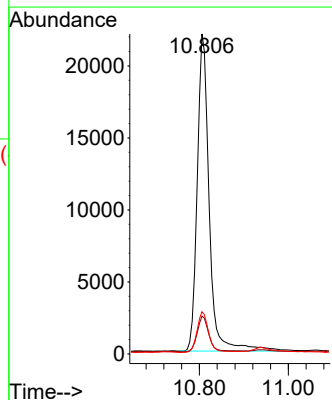
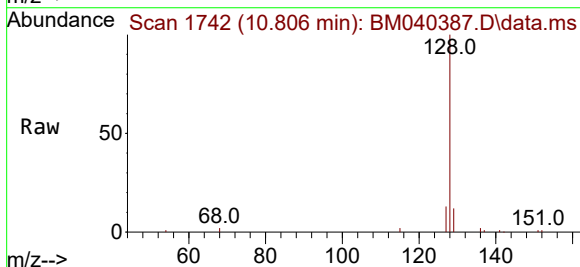
Instrument :
BNA_M
ClientSampleId :
DCFQ7MS

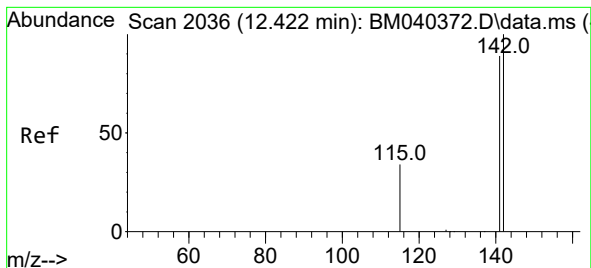
Tgt Ion: 88 Resp: 6408
Ion Ratio Lower Upper
88 100
43 72.7 36.1 54.1#
58 70.7 49.8 74.8



#5
Naphthalene
Concen: 0.609 ng/ul
RT: 10.806 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

Tgt Ion: 128 Resp: 41161
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.2 10.6 15.8

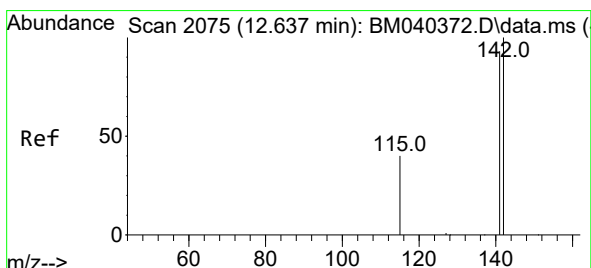
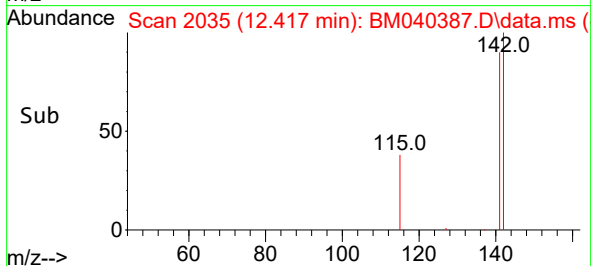
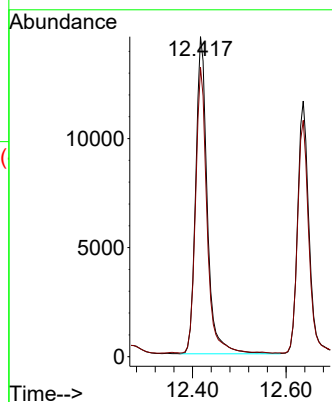
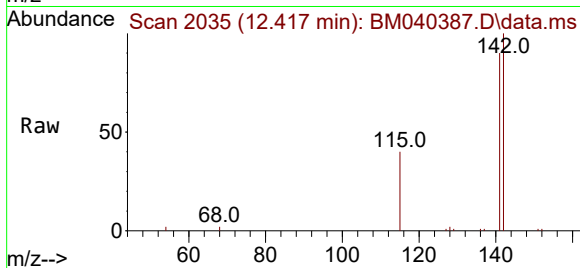




#7
2-Methylnaphthalene
Concen: 0.631 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

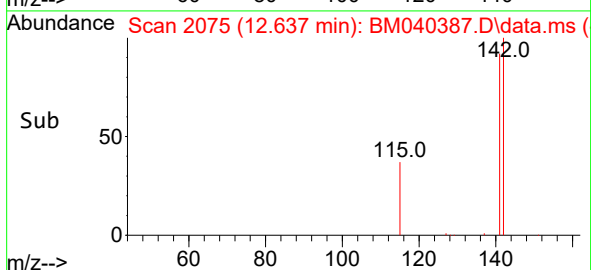
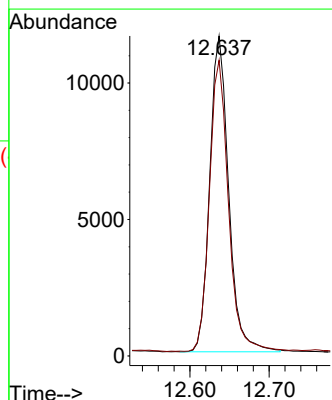
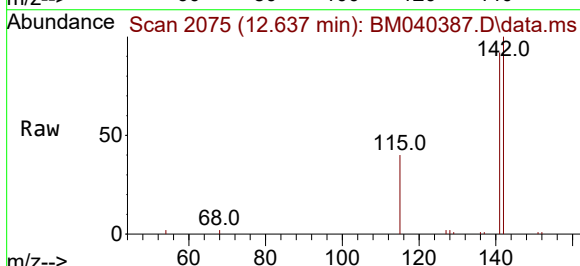
Instrument :
BNA_M
ClientSampleId :
DCFQ7MS

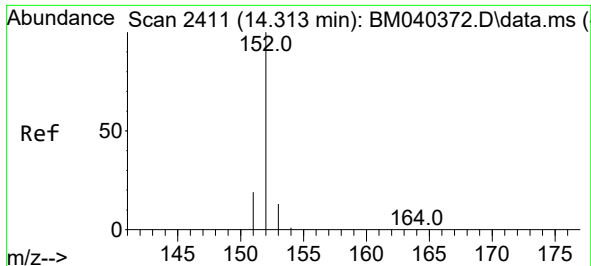
Tgt Ion:142 Resp: 25051
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.485 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

Tgt Ion:142 Resp: 19251
Ion Ratio Lower Upper
142 100
141 92.7 73.7 110.5

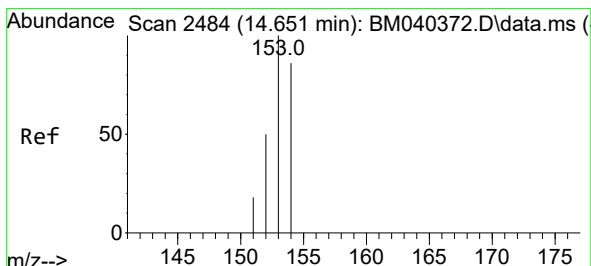
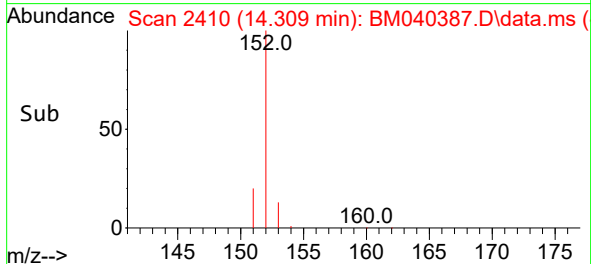
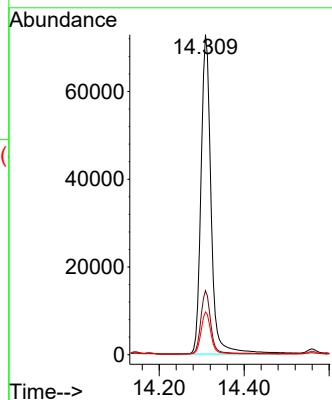
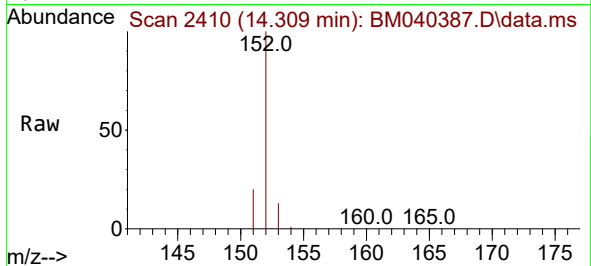




#10
Acenaphthylene
Concen: 2.102 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

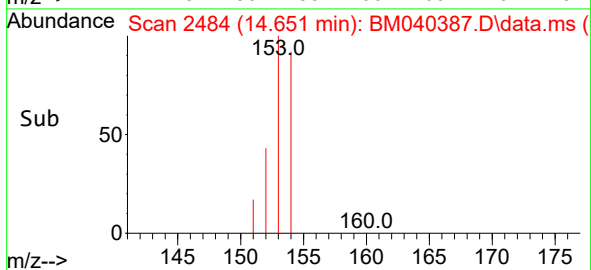
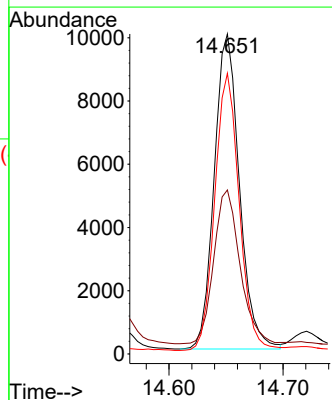
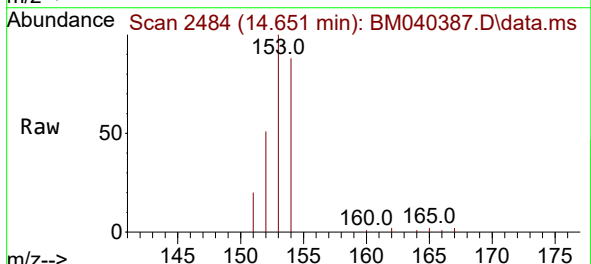
Instrument :
BNA_M
ClientSampleId :
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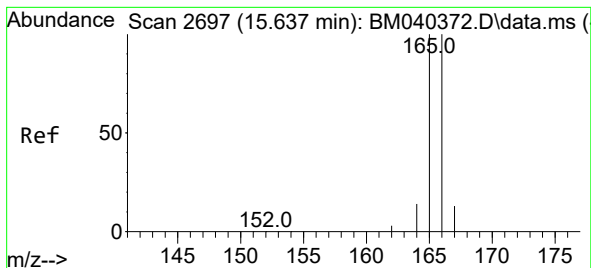
Tgt Ion:152 Resp: 119923
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.3 10.9 16.3



#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

Tgt Ion:153 Resp: 15284
Ion Ratio Lower Upper
153 100
152 51.3 41.0 61.4
154 87.7 70.8 106.2





#12

Fluorene

Concen: 0.378 ng/ul

RT: 15.637 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM040387.D

Acq: 23 Jun 2023 22:15

Instrument :

BNA_M

ClientSampleId :

DCFQ7MS

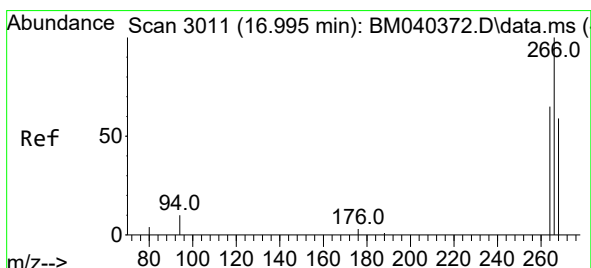
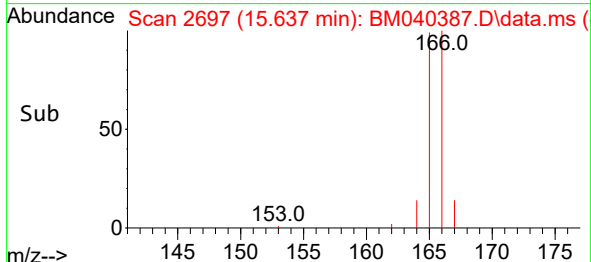
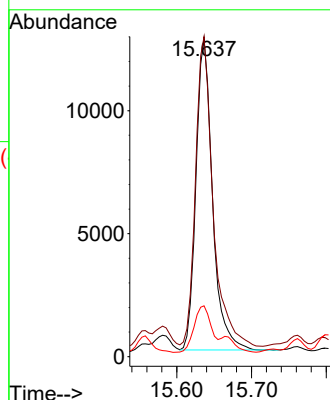
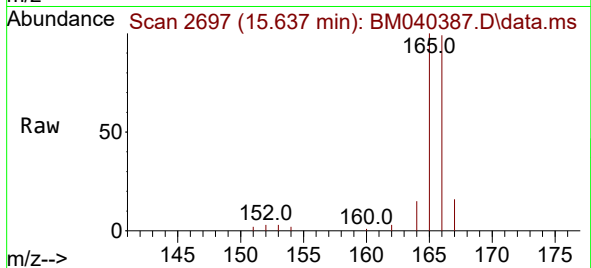
Tgt Ion:166 Resp: 19422

Ion Ratio Lower Upper

166 100

165 100.6 79.6 119.4

167 16.0 11.4 17.0



#14

Pentachlorophenol

Concen: 0.267 ng/ul

RT: 16.999 min Scan# 3012

Delta R.T. -0.013 min

Lab File: BM040387.D

Acq: 23 Jun 2023 22:15

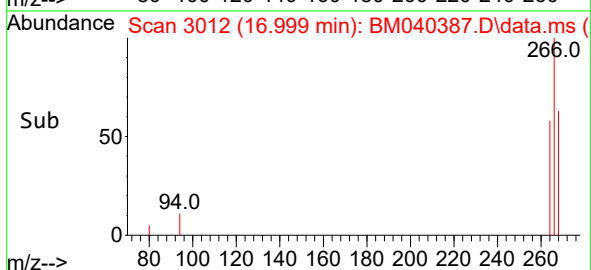
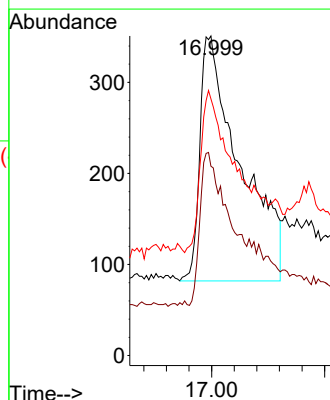
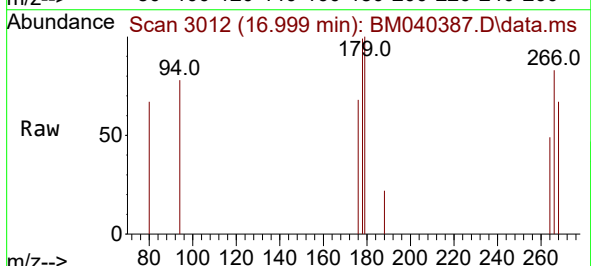
Tgt Ion:266 Resp: 1329

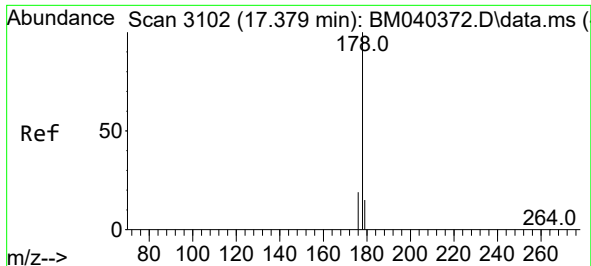
Ion Ratio Lower Upper

266 100

264 60.5 45.4 68.0

268 65.4 47.2 70.8

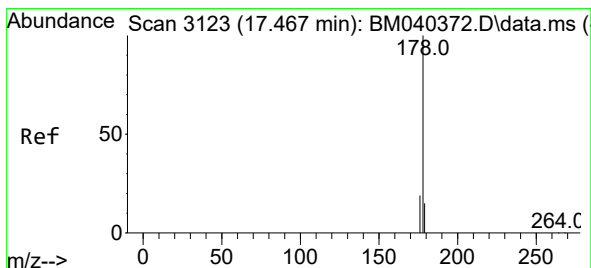
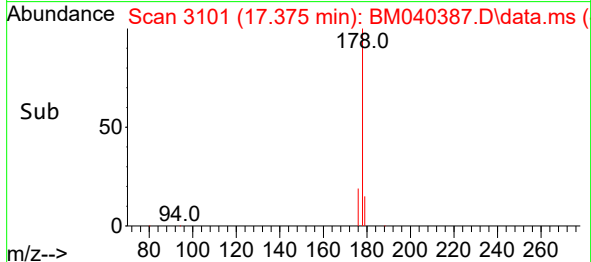
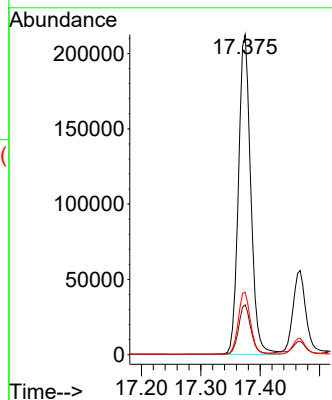
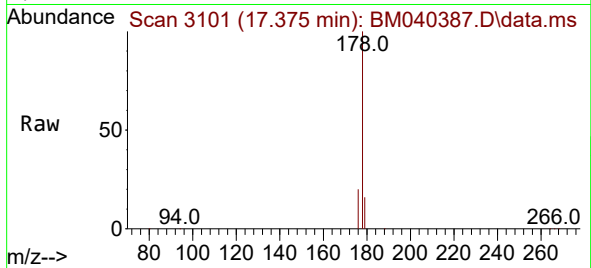




#15
Phenanthrene
Concen: 3.794 ng/ul
RT: 17.375 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

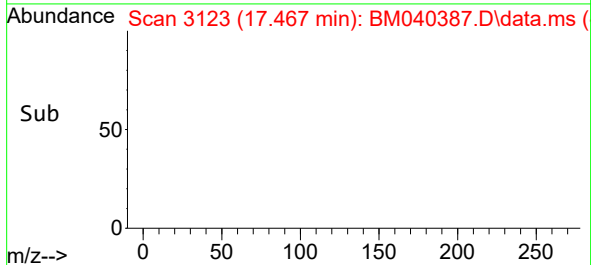
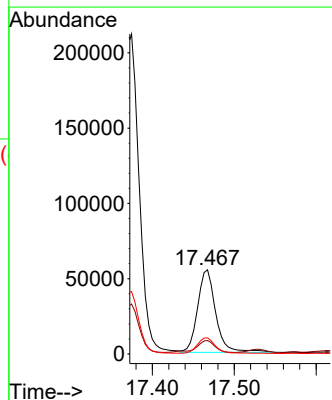
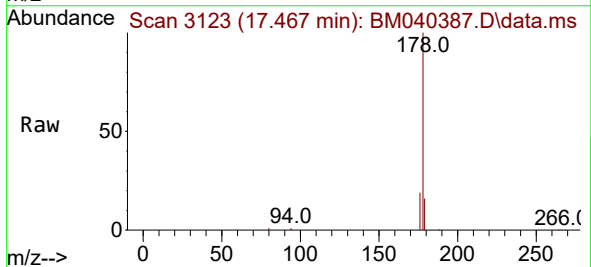
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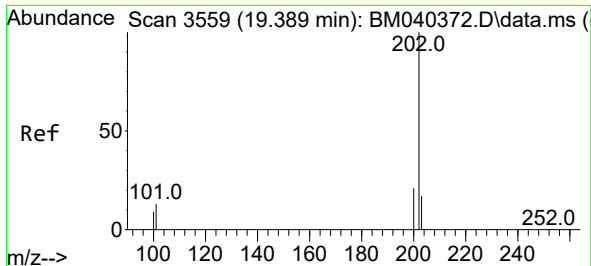
Tgt Ion:178 Resp: 304705
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.5 16.4 24.6



#16
Anthracene
Concen: 1.256 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

Tgt Ion:178 Resp: 84796
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.3 15.8 23.6

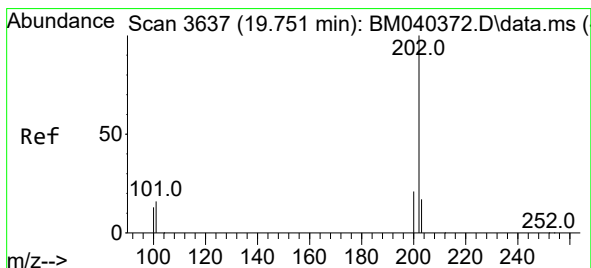
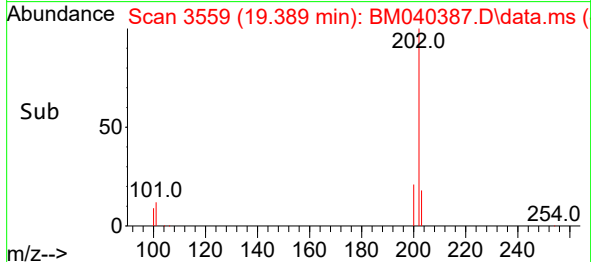
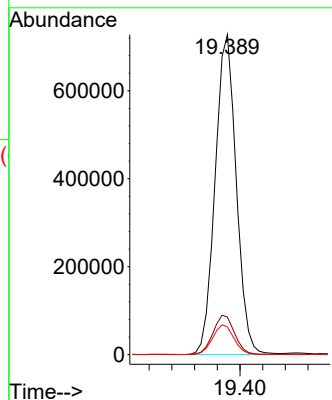
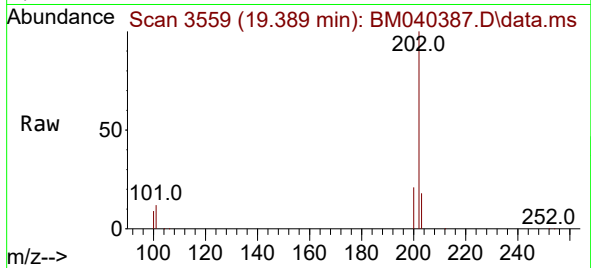




#19
Fluoranthene
Concen: 12.899 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

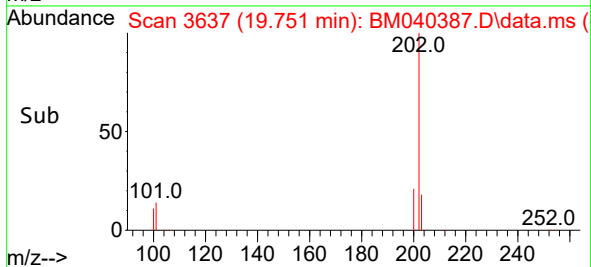
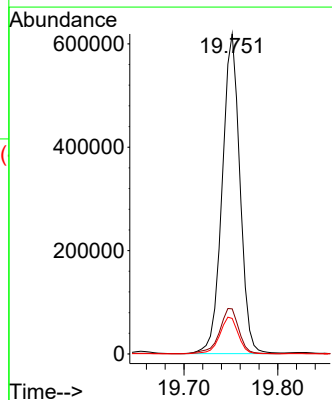
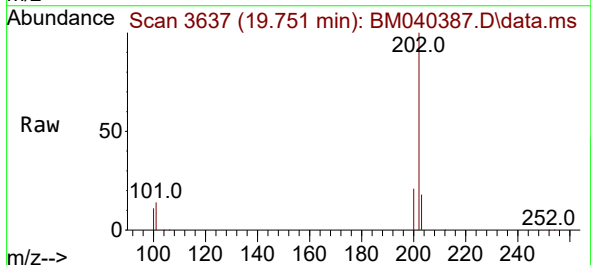
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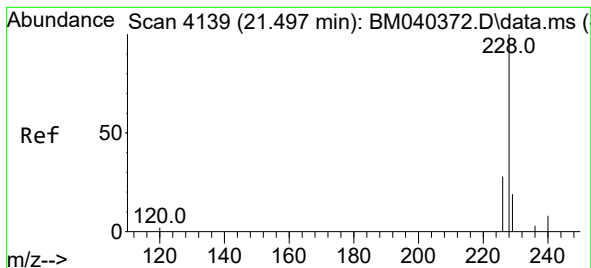
Tgt Ion:202 Resp: 939251
Ion Ratio Lower Upper
202 100
101 11.7 11.4 17.0
100 8.6 8.7 13.1#



#20
Pyrene
Concen: 10.400 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

Tgt Ion:202 Resp: 811896
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.1 9.8 14.6





#21

Benzo(a)anthracene

Concen: 7.570 ng/ul

RT: 21.494 min Scan# 4139

Delta R.T. -0.006 min

Lab File: BM040387.D

Acq: 23 Jun 2023 22:15

Instrument :

BNA_M

ClientSampleId :

DCFQ7MS

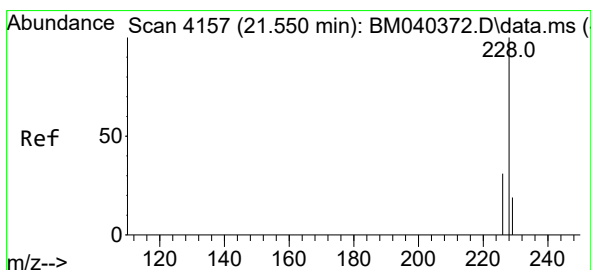
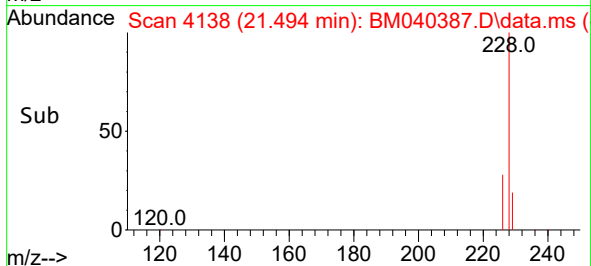
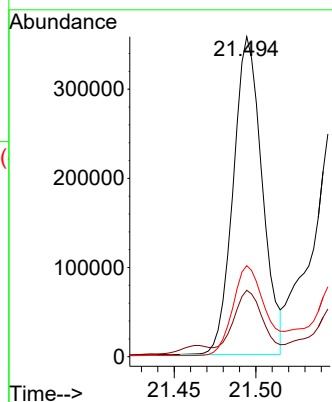
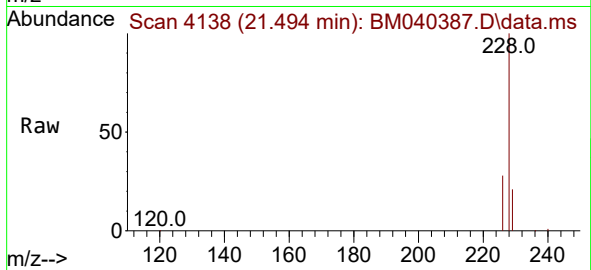
Tgt Ion:228 Resp: 438943

Ion Ratio Lower Upper

228 100

229 20.7 16.0 24.0

226 28.4 22.3 33.5



#22

Chrysene

Concen: 6.615 ng/ul

RT: 21.547 min Scan# 4156

Delta R.T. -0.006 min

Lab File: BM040387.D

Acq: 23 Jun 2023 22:15

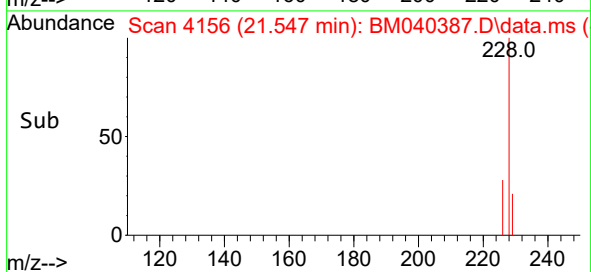
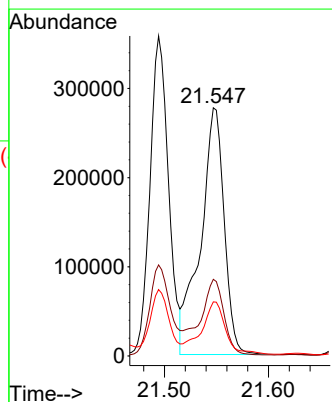
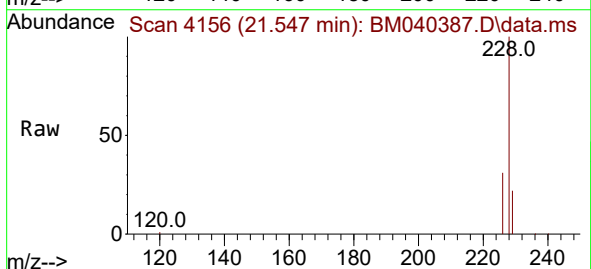
Tgt Ion:228 Resp: 437494

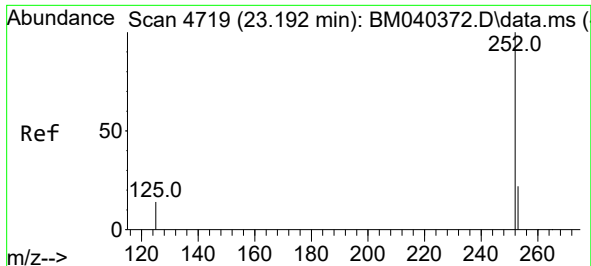
Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

229 21.8 15.8 23.6

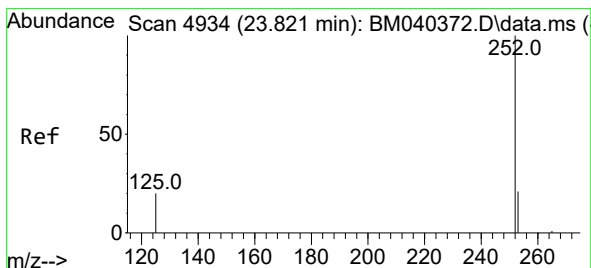
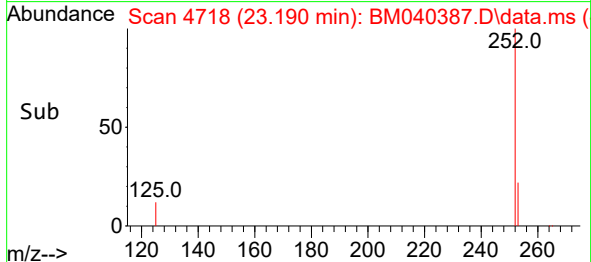
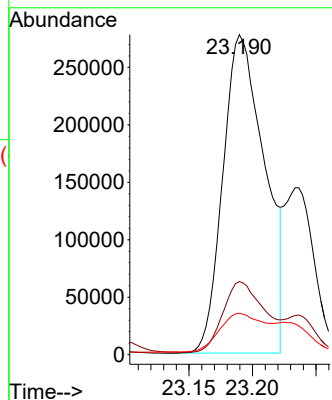
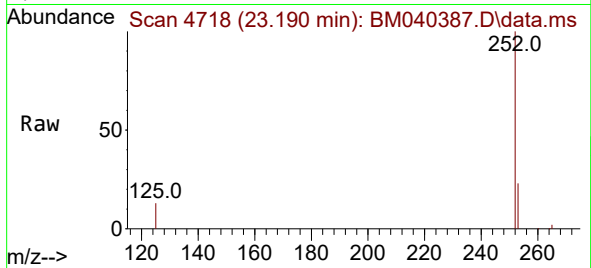




#24
Benzo(b)fluoranthene
Concen: 9.253 ng/ul
RT: 23.190 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

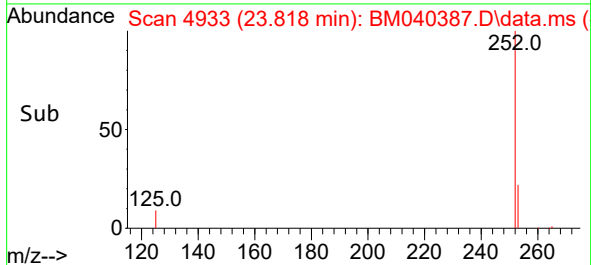
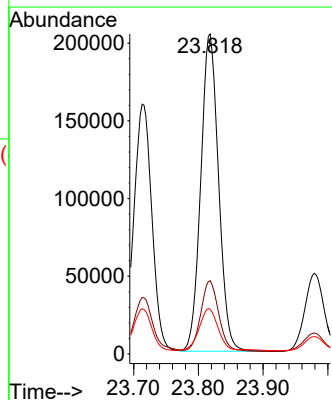
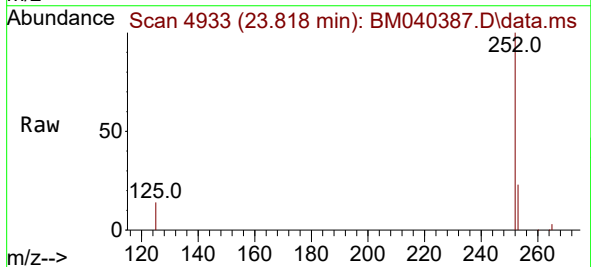
Instrument :
BNA_M
ClientSampleId :
DCFQ7MS

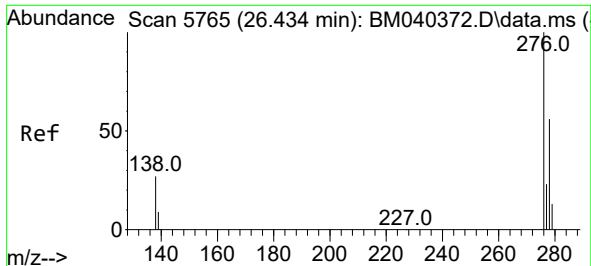
Tgt Ion:252 Resp: 634426
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.8
125 12.9 0.0 43.0



#26
Benzo(a)pyrene
Concen: 6.323 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

Tgt Ion:252 Resp: 390506
Ion Ratio Lower Upper
252 100
253 22.9 22.9 34.3
125 13.9 21.0 31.4#

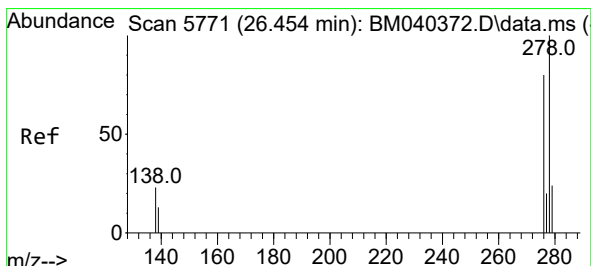
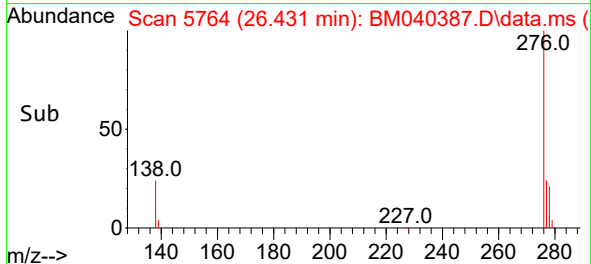
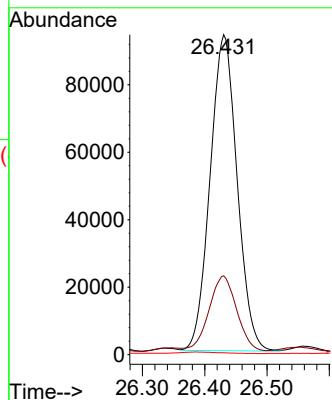
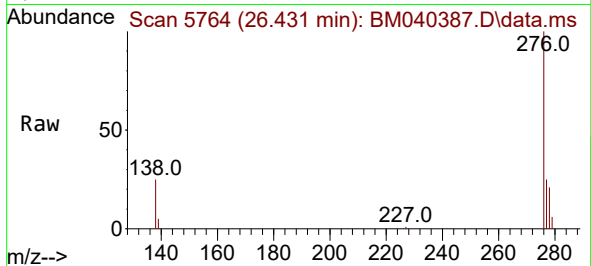




#27
Indeno(1,2,3-cd)pyrene
Concen: 3.283 ng/ul
RT: 26.431 min Scan# 5765
Delta R.T. -0.003 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

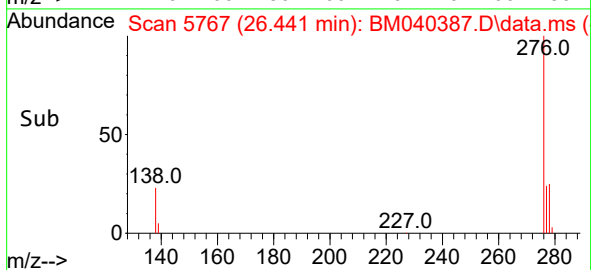
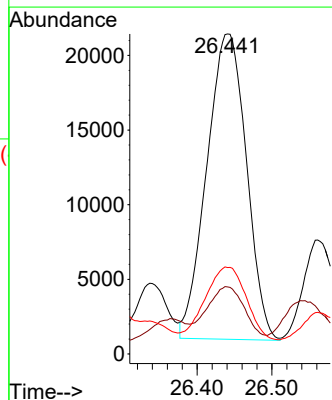
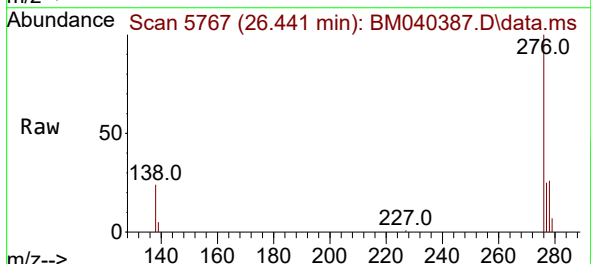
Instrument :
BNA_M
ClientSampleId :
DCFQ7MS

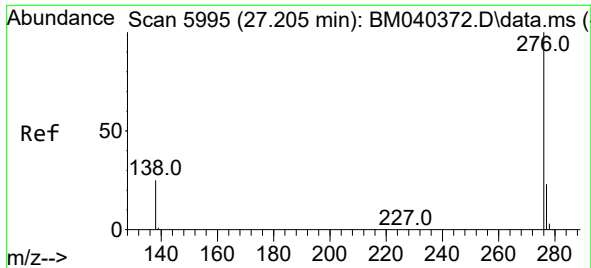
Tgt Ion:276 Resp: 282331
Ion Ratio Lower Upper
276 100
138 24.5 24.5 36.7
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 1.120 ng/ul
RT: 26.441 min Scan# 5767
Delta R.T. -0.013 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

Tgt Ion:278 Resp: 75413
Ion Ratio Lower Upper
278 100
139 20.9 17.9 26.9
279 27.0 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 3.377 ng/ul
RT: 27.205 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM040387.D
Acq: 23 Jun 2023 22:15

Instrument :
BNA_M
ClientSampleId :
DCFQ7MS

Tgt Ion:276 Resp: 254603
Ion Ratio Lower Upper
276 100
138 25.4 23.0 34.6
277 24.2 20.3 30.5

