

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
 Data File : BM038862.D
 Acq On : 03 Mar 2023 17:00
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4072

Quant Time: Mar 04 01:29:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 22:01:14 2023
 Response via : Initial Calibration

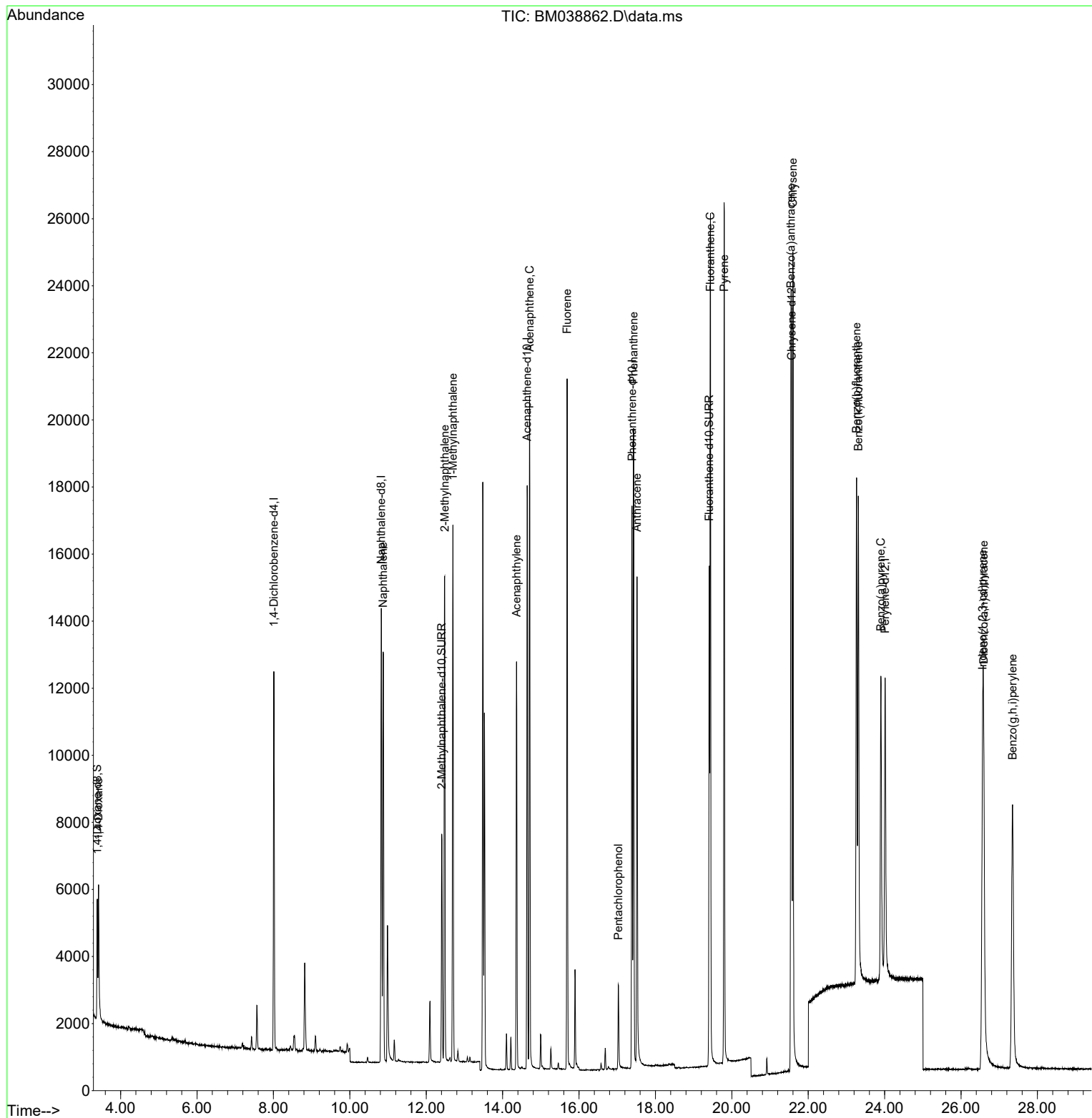
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	5659	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	17807	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.642	164	9459	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	19584	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	15908	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	13376	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.388	96	2709	0.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	8669	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	15924	0.421	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	2624	0.405	ng/ul	94
5) Naphthalene	10.871	128	17014	0.400	ng/ul	100
7) 2-Methylnaphthalene	12.483	142	10243	0.397	ng/ul	100
8) 1-Methylnaphthalene	12.697	142	10766	0.397	ng/ul	99
10) Acenaphthylene	14.364	152	13446	0.391	ng/ul	99
11) Acenaphthene	14.707	153	11329	0.401	ng/ul	100
12) Fluorene	15.687	166	12755	0.399	ng/ul	98
14) Pentachlorophenol	17.028	266	1804	0.383	ng/ul	98
15) Phenanthrene	17.429	178	20505	0.396	ng/ul	99
16) Anthracene	17.518	178	16659	0.391	ng/ul	100
19) Fluoranthene	19.440	202	22271	0.413	ng/ul	99
20) Pyrene	19.802	202	22420	0.405	ng/ul	96
21) Benzo(a)anthracene	21.547	228	17696	0.393	ng/ul	99
22) Chrysene	21.599	228	21767	0.402	ng/ul	100
24) Benzo(b)fluoranthene	23.265	252	20907	0.400	ng/ul	99
25) Benzo(k)fluoranthene	23.312	252	20576	0.394	ng/ul	100
26) Benzo(a)pyrene	23.900	252	16370	0.393	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.565	276	20174	0.383	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.591	278	15205	0.379	ng/ul	99
29) Benzo(g,h,i)perylene	27.349	276	19338	0.394	ng/ul	99

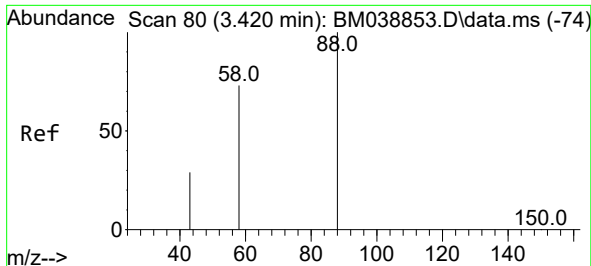
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
Data File : BM038862.D
Acq On : 03 Mar 2023 17:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

Quant Time: Mar 04 01:29:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 22:01:14 2023
Response via : Initial Calibration

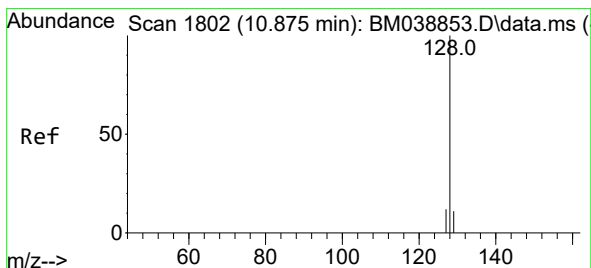
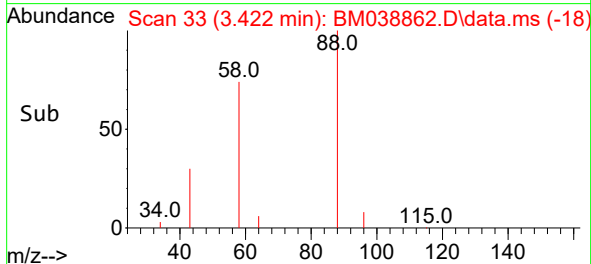
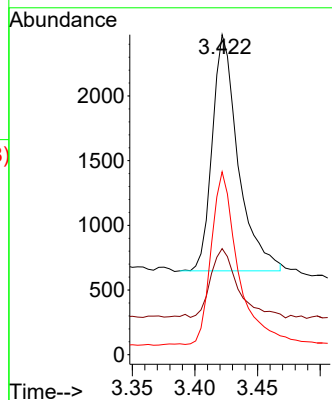
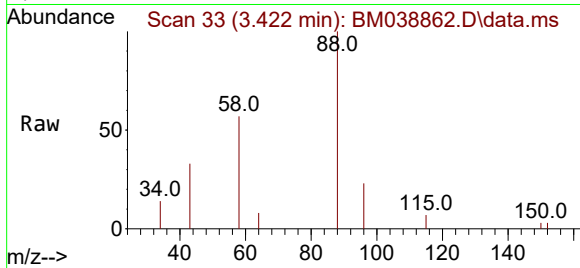




#2
1,4-Dioxane
Concen: 0.405 ng/ul
RT: 3.422 min Scan# 31
Delta R.T. 0.002 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

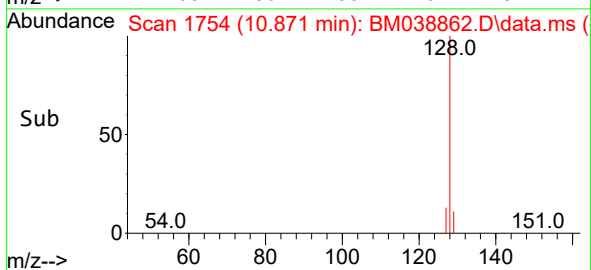
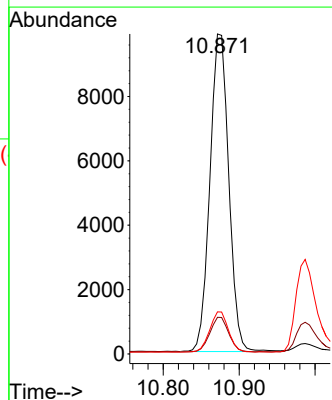
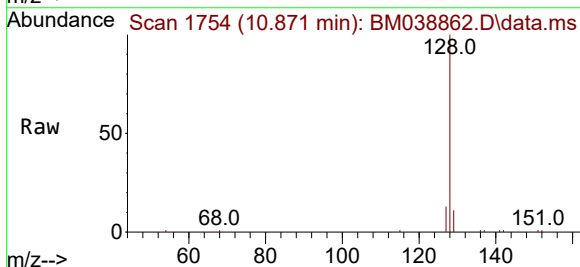
Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

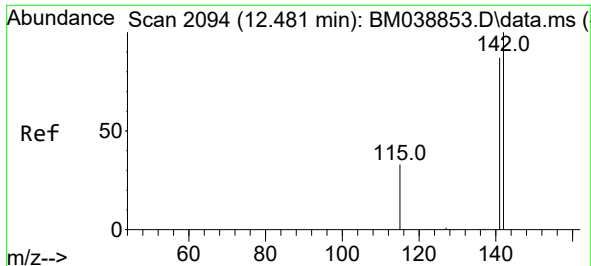
Tgt Ion: 88 Resp: 2624
Ion Ratio Lower Upper
88 100
43 33.1 27.2 40.8
58 57.2 50.8 76.2



#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.871 min Scan# 1754
Delta R.T. -0.004 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

Tgt Ion: 128 Resp: 17014
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.2 10.3 15.5

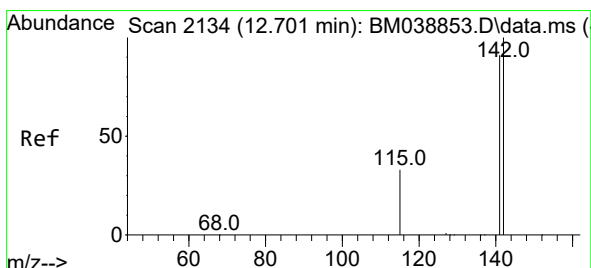
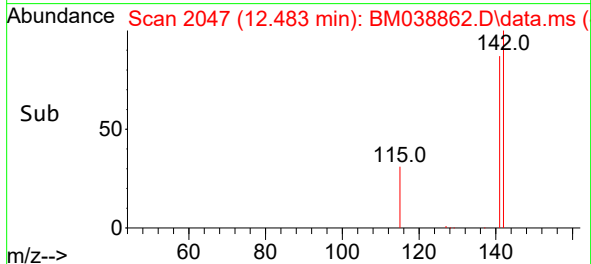
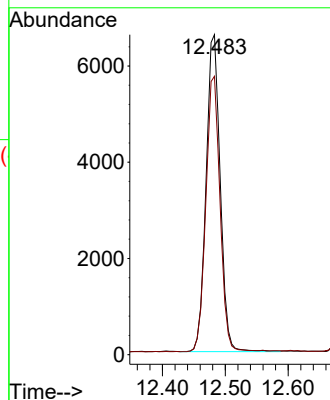
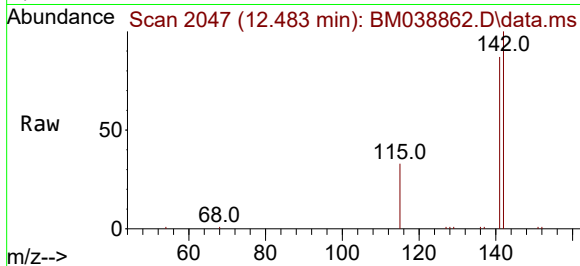




#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.483 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

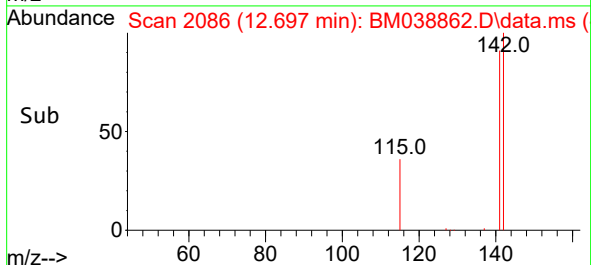
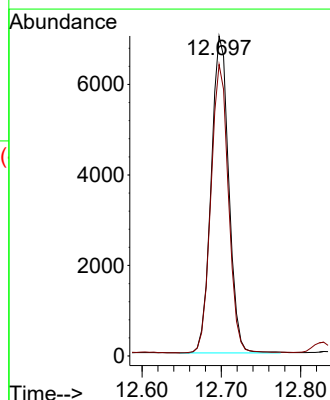
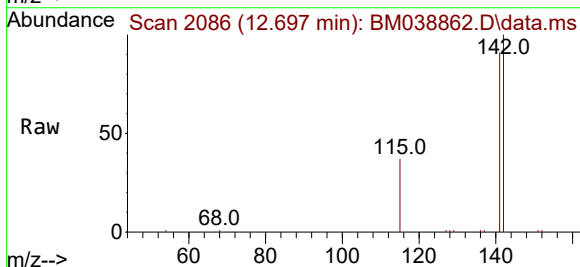
Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

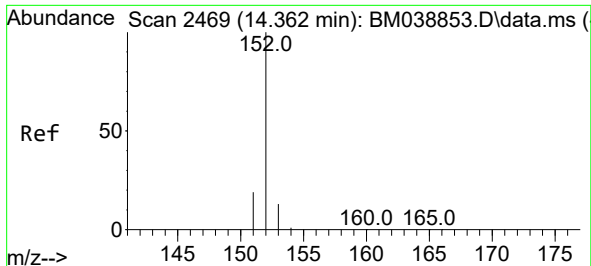
Tgt Ion:142 Resp: 10243
Ion Ratio Lower Upper
142 100
141 87.8 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.697 min Scan# 2086
Delta R.T. -0.004 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

Tgt Ion:142 Resp: 10766
Ion Ratio Lower Upper
142 100
141 90.7 73.5 110.3

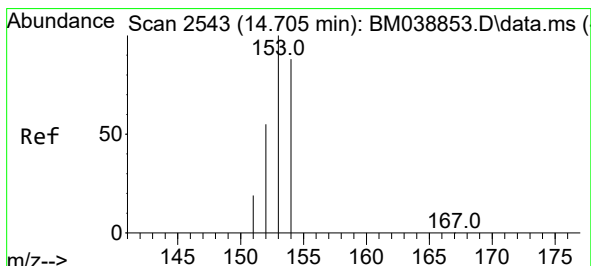
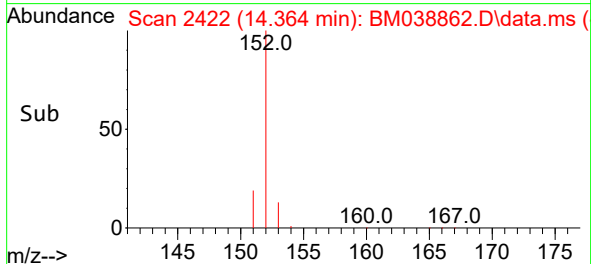
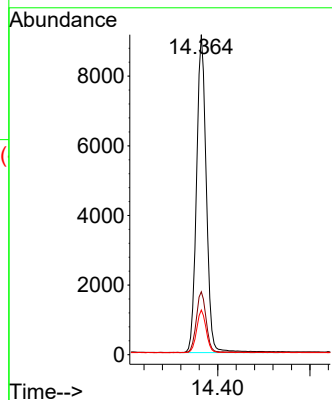
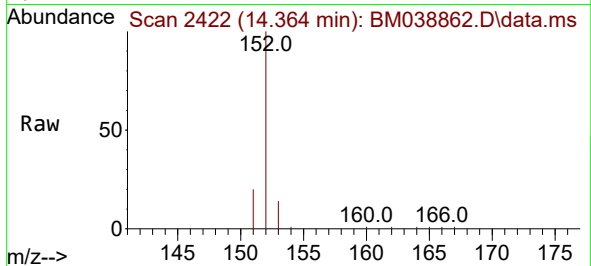




#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.364 min Scan# 2469
Delta R.T. 0.002 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

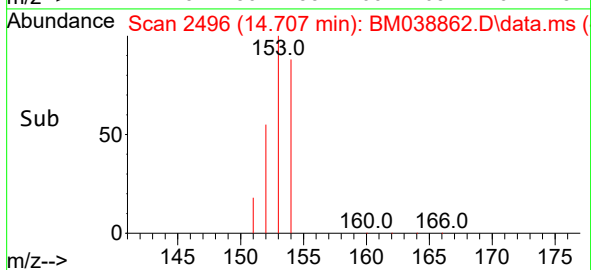
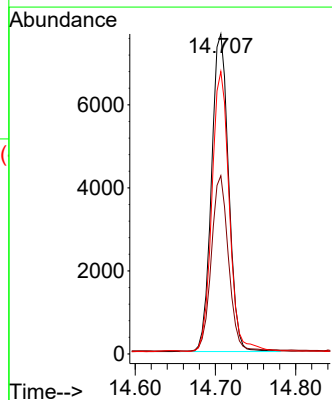
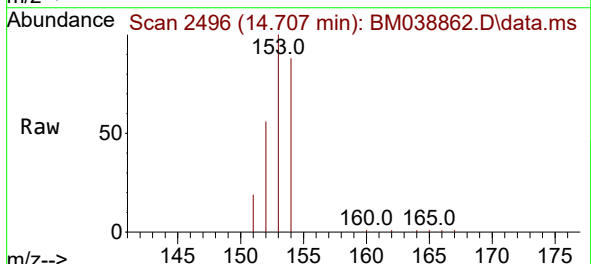
Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

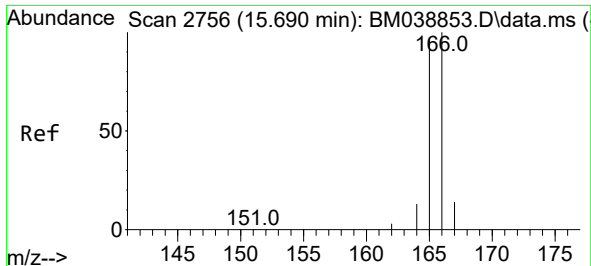
Tgt Ion:	152	Resp:	13446
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.6	23.4
153	13.9	10.6	15.8



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.707 min Scan# 2496
Delta R.T. 0.002 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

Tgt Ion:	153	Resp:	11329
Ion Ratio	Lower	Upper	
153	100		
152	55.7	44.2	66.2
154	88.3	70.6	105.8

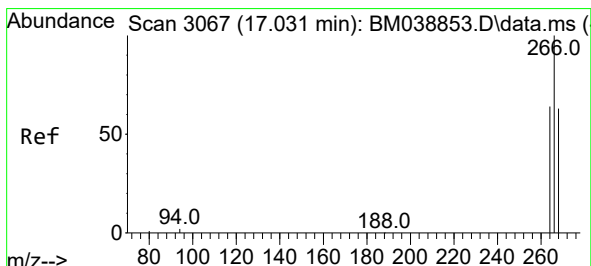
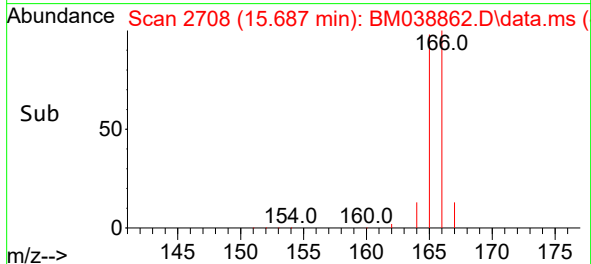
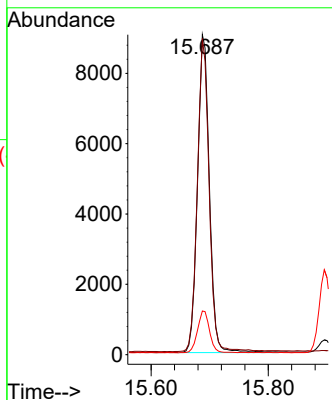
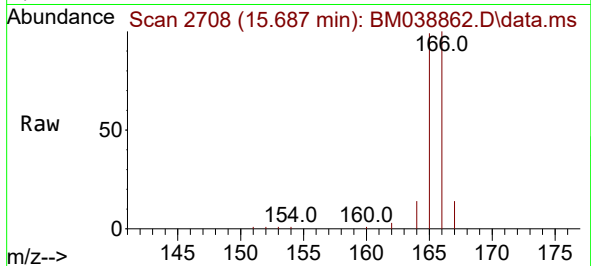




#12
 Fluorene
 Concen: 0.399 ng/ul
 RT: 15.687 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BM038862.D
 Acq: 03 Mar 2023 17:00

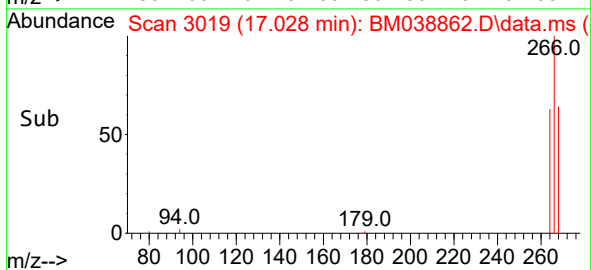
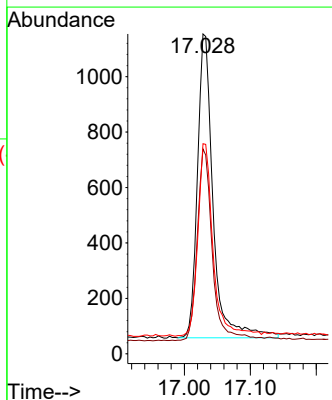
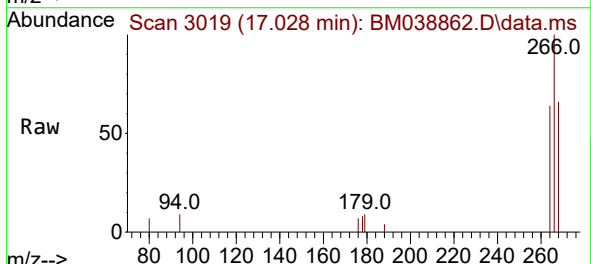
Instrument :
 BNA_M
 ClientSampleId :
 SST00.4072

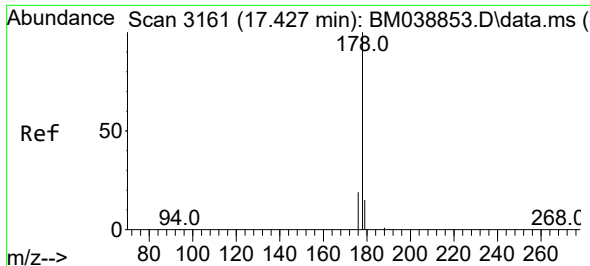
Tgt Ion:166 Resp: 12755
 Ion Ratio Lower Upper
 166 100
 165 98.8 77.8 116.6
 167 13.7 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.383 ng/ul
 RT: 17.028 min Scan# 3019
 Delta R.T. -0.002 min
 Lab File: BM038862.D
 Acq: 03 Mar 2023 17:00

Tgt Ion:266 Resp: 1804
 Ion Ratio Lower Upper
 266 100
 264 61.1 50.2 75.2
 268 61.8 50.2 75.4

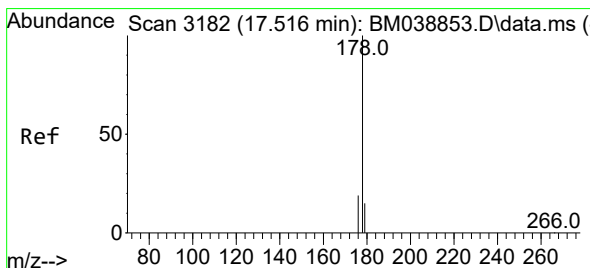
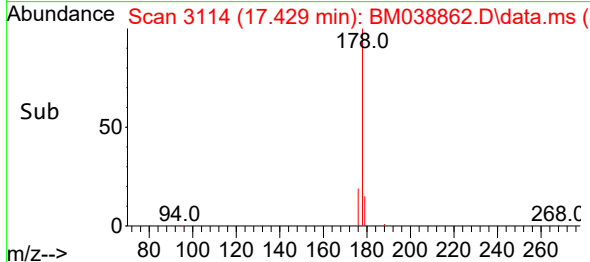
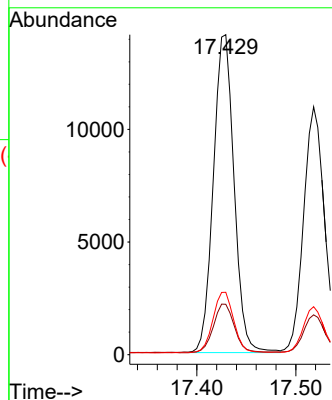
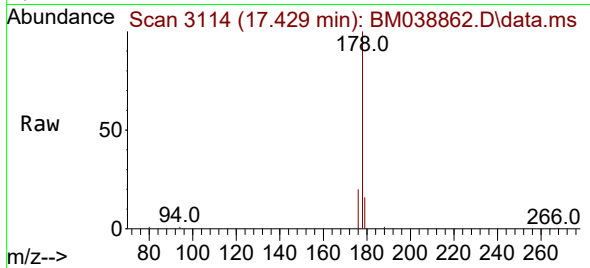




#15
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.429 min Scan# 3114
Delta R.T. 0.002 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

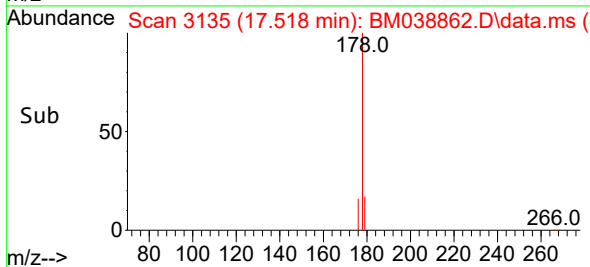
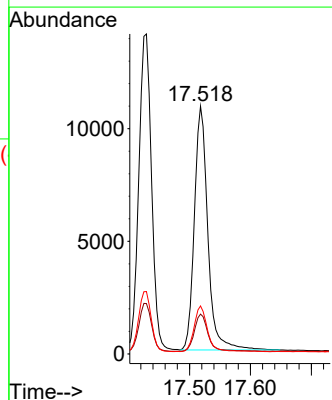
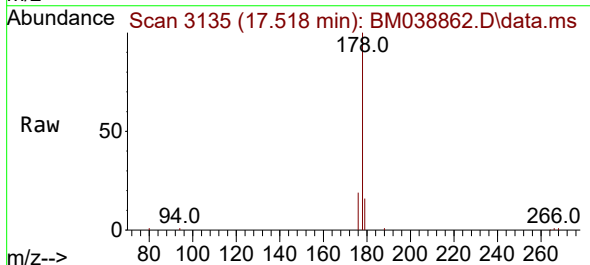
Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

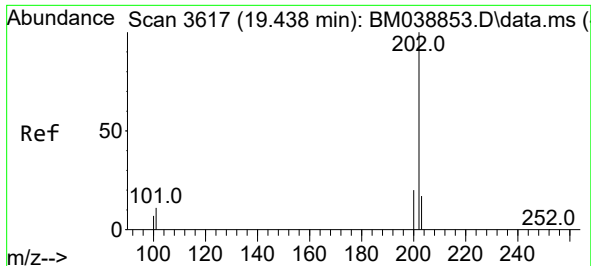
Tgt Ion:178 Resp: 20505
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.5 15.9 23.9



#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.518 min Scan# 3135
Delta R.T. 0.002 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

Tgt Ion:178 Resp: 16659
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 19.4 15.4 23.2

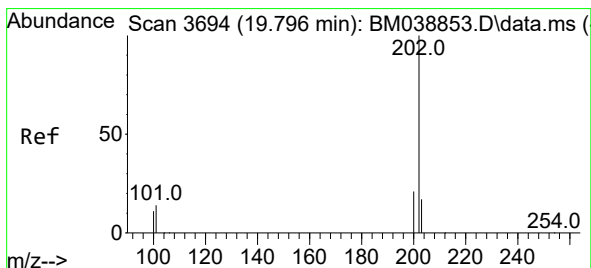
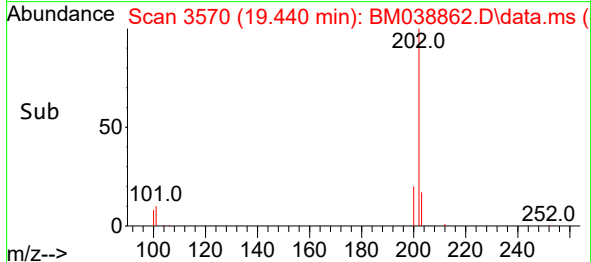
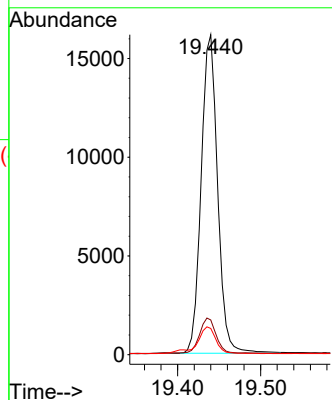
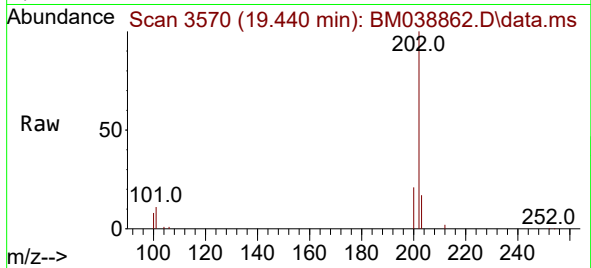




#19
Fluoranthene
Concen: 0.413 ng/ul
RT: 19.440 min Scan# 31
Delta R.T. 0.002 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

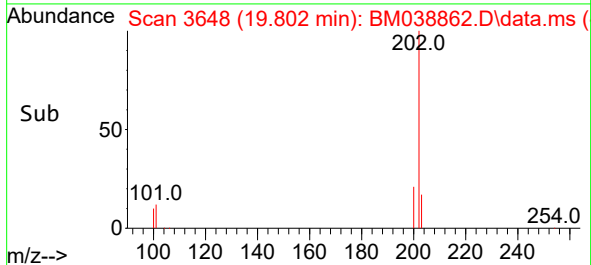
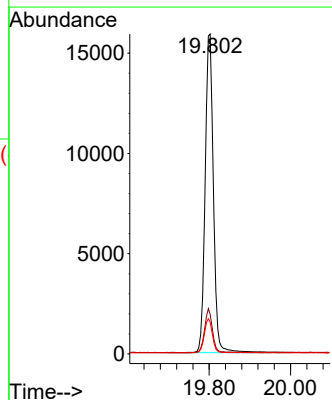
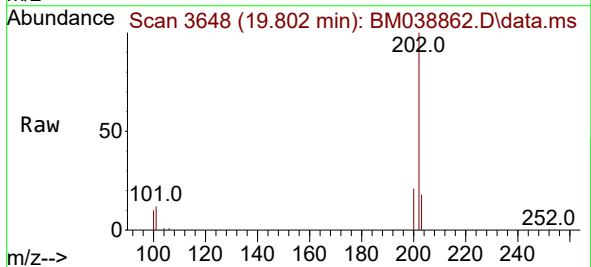
Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

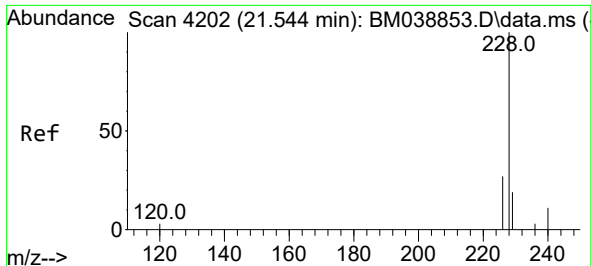
Tgt Ion:202 Resp: 22271
Ion Ratio Lower Upper
202 100
101 10.9 8.9 13.3
100 8.2 6.8 10.2



#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.802 min Scan# 3648
Delta R.T. 0.007 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

Tgt Ion:202 Resp: 22420
Ion Ratio Lower Upper
202 100
101 12.4 11.2 16.8
100 10.0 9.0 13.6

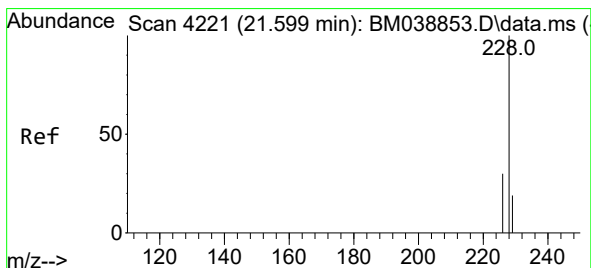
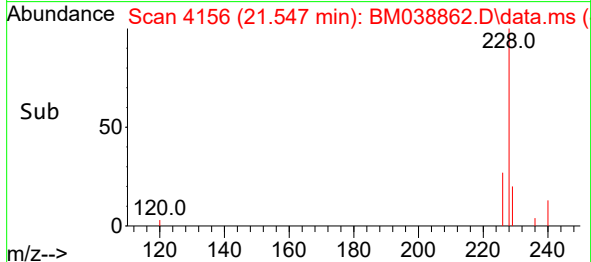
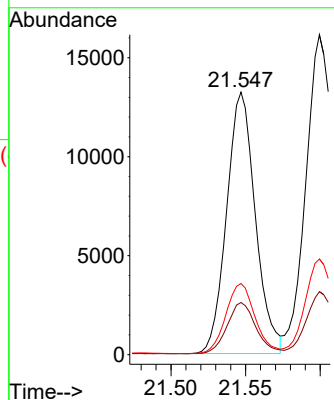
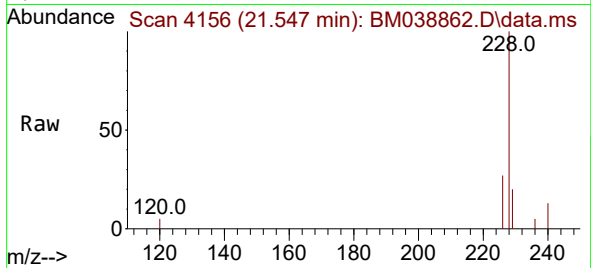




#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.547 min Scan# 4115
Delta R.T. 0.003 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

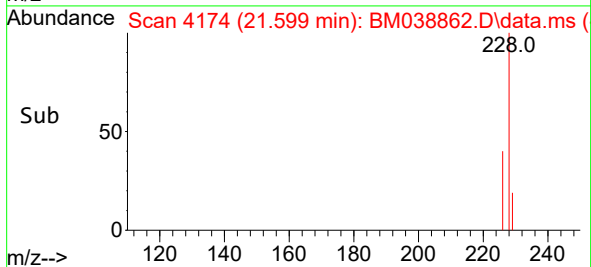
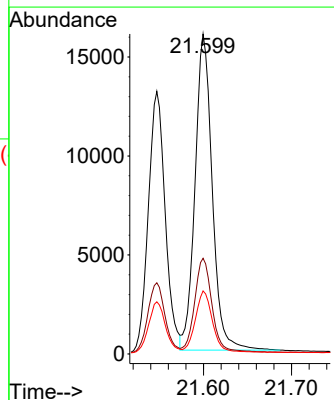
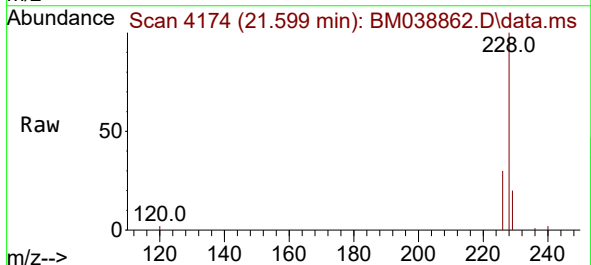
Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

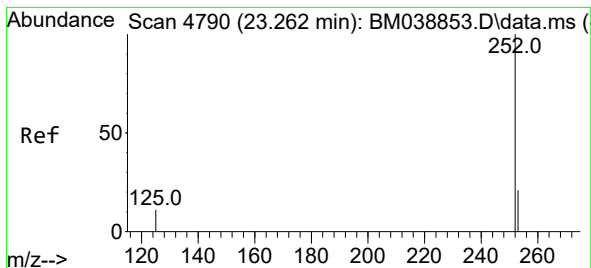
Tgt Ion:228 Resp: 17696
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.1 22.0 33.0



#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.599 min Scan# 4174
Delta R.T. 0.000 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

Tgt Ion:228 Resp: 21767
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 19.7 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.400 ng/ul

RT: 23.265 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM038862.D

Acq: 03 Mar 2023 17:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.4072

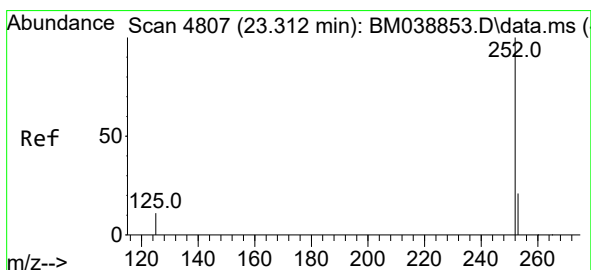
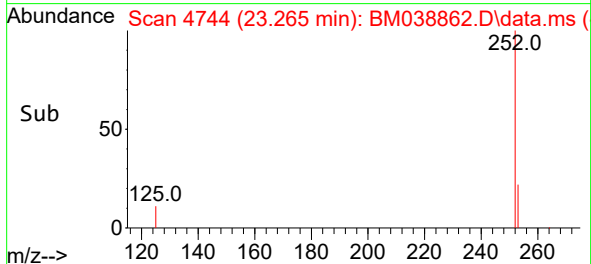
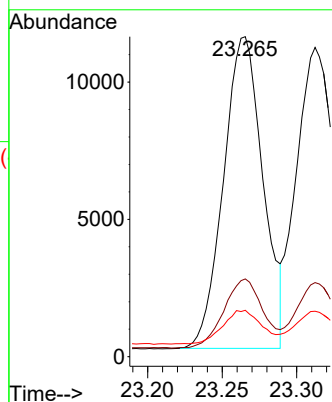
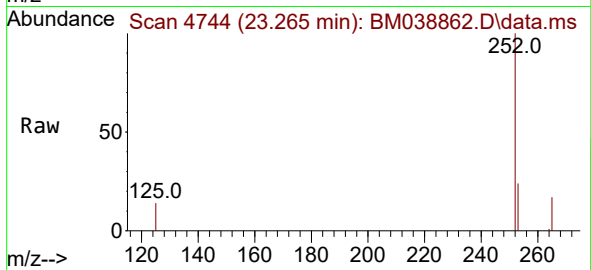
Tgt Ion:252 Resp: 20907

Ion Ratio Lower Upper

252 100

253 24.3 0.0 47.6

125 14.5 0.0 29.2



#25

Benzo(k)fluoranthene

Concen: 0.394 ng/ul

RT: 23.312 min Scan# 4760

Delta R.T. 0.000 min

Lab File: BM038862.D

Acq: 03 Mar 2023 17:00

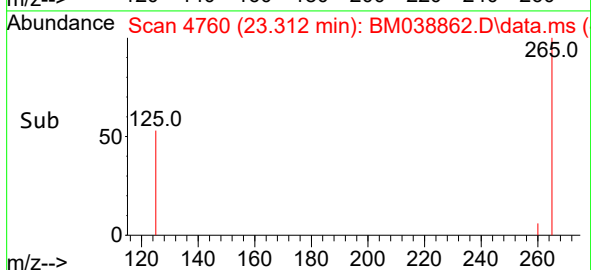
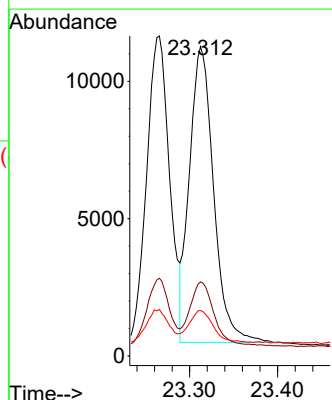
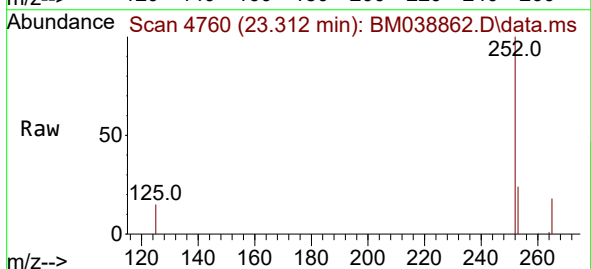
Tgt Ion:252 Resp: 20576

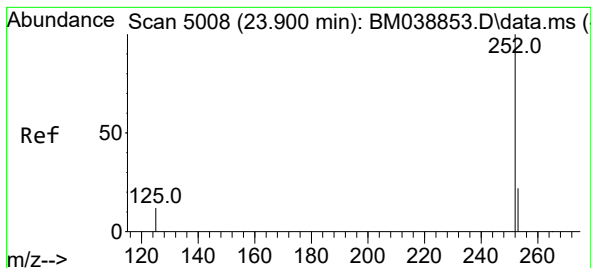
Ion Ratio Lower Upper

252 100

253 23.9 19.2 28.8

125 14.7 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.393 ng/ul

RT: 23.900 min Scan# 4961

Delta R.T. 0.000 min

Lab File: BM038862.D

Acq: 03 Mar 2023 17:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.4072

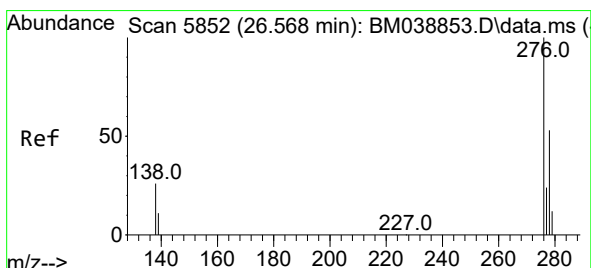
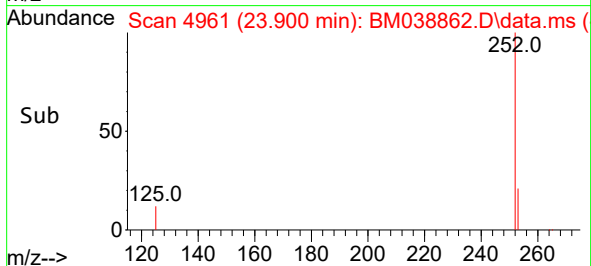
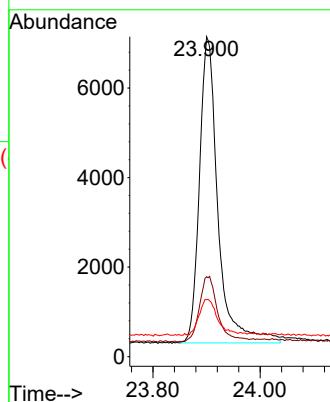
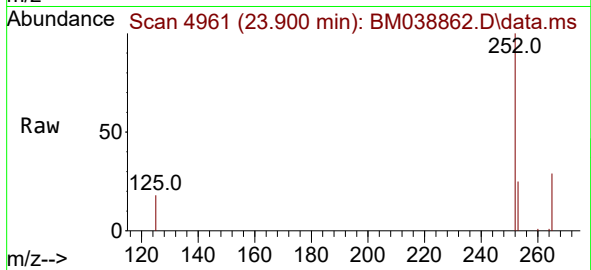
Tgt Ion:252 Resp: 16370

Ion Ratio Lower Upper

252 100

253 25.0 20.3 30.5

125 17.8 14.0 21.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.383 ng/ul

RT: 26.565 min Scan# 5804

Delta R.T. -0.003 min

Lab File: BM038862.D

Acq: 03 Mar 2023 17:00

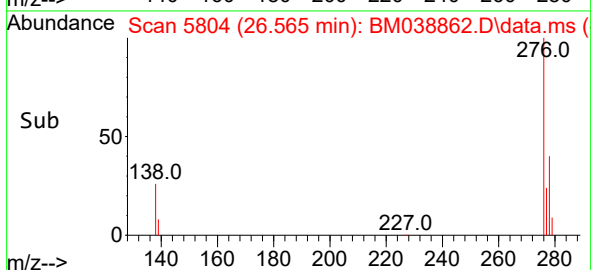
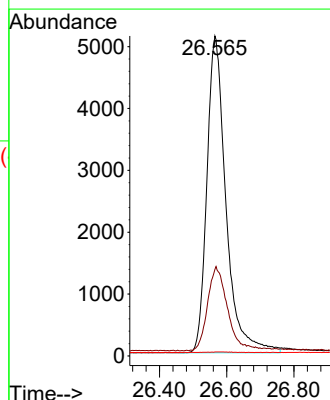
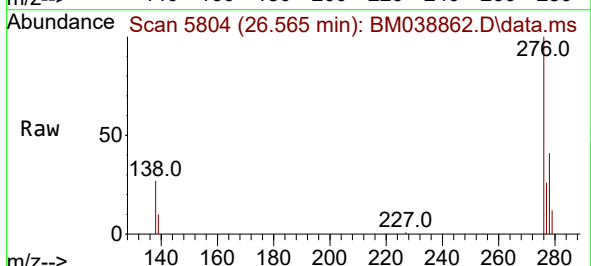
Tgt Ion:276 Resp: 20174

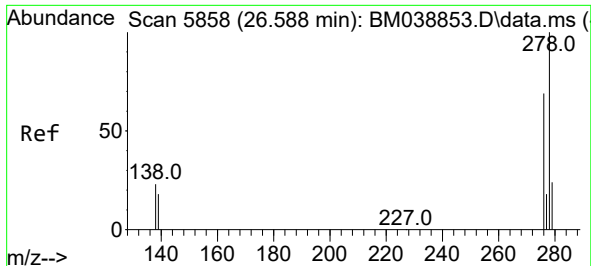
Ion Ratio Lower Upper

276 100

138 27.6 22.2 33.4

227 0.1 0.2 0.2#

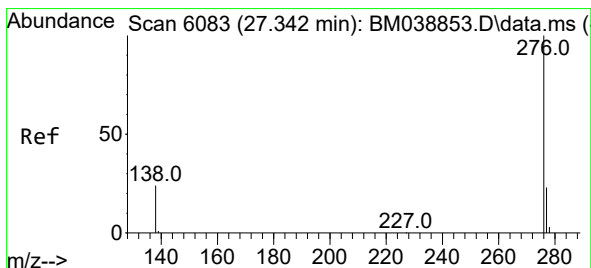
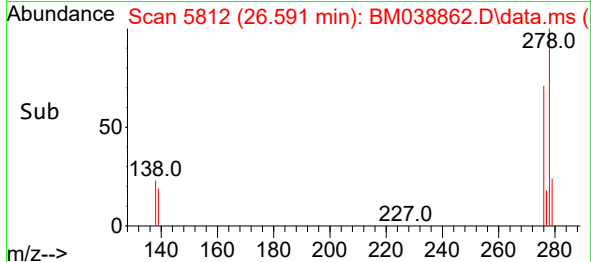
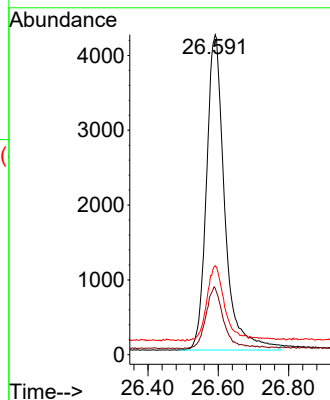
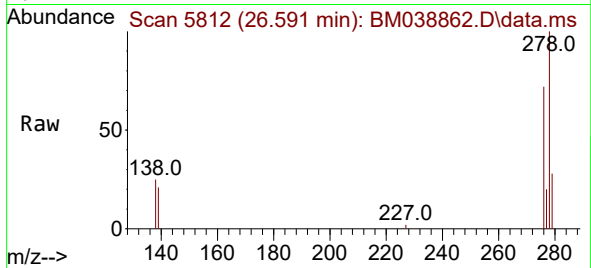




#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 26.591 min Scan# 5812
Delta R.T. 0.004 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

Tgt Ion:278 Resp: 15205
Ion Ratio Lower Upper
278 100
139 20.8 16.0 24.0
279 27.8 21.8 32.6



#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 27.349 min Scan# 6038
Delta R.T. 0.007 min
Lab File: BM038862.D
Acq: 03 Mar 2023 17:00

Tgt Ion:276 Resp: 19338
Ion Ratio Lower Upper
276 100
138 24.8 20.2 30.4
277 24.6 19.8 29.8

