

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
 Data File : BM037803.D
 Acq On : 30 Nov 2022 13:55
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV007

Quant Time: Dec 01 00:16:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM113022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 00:14:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

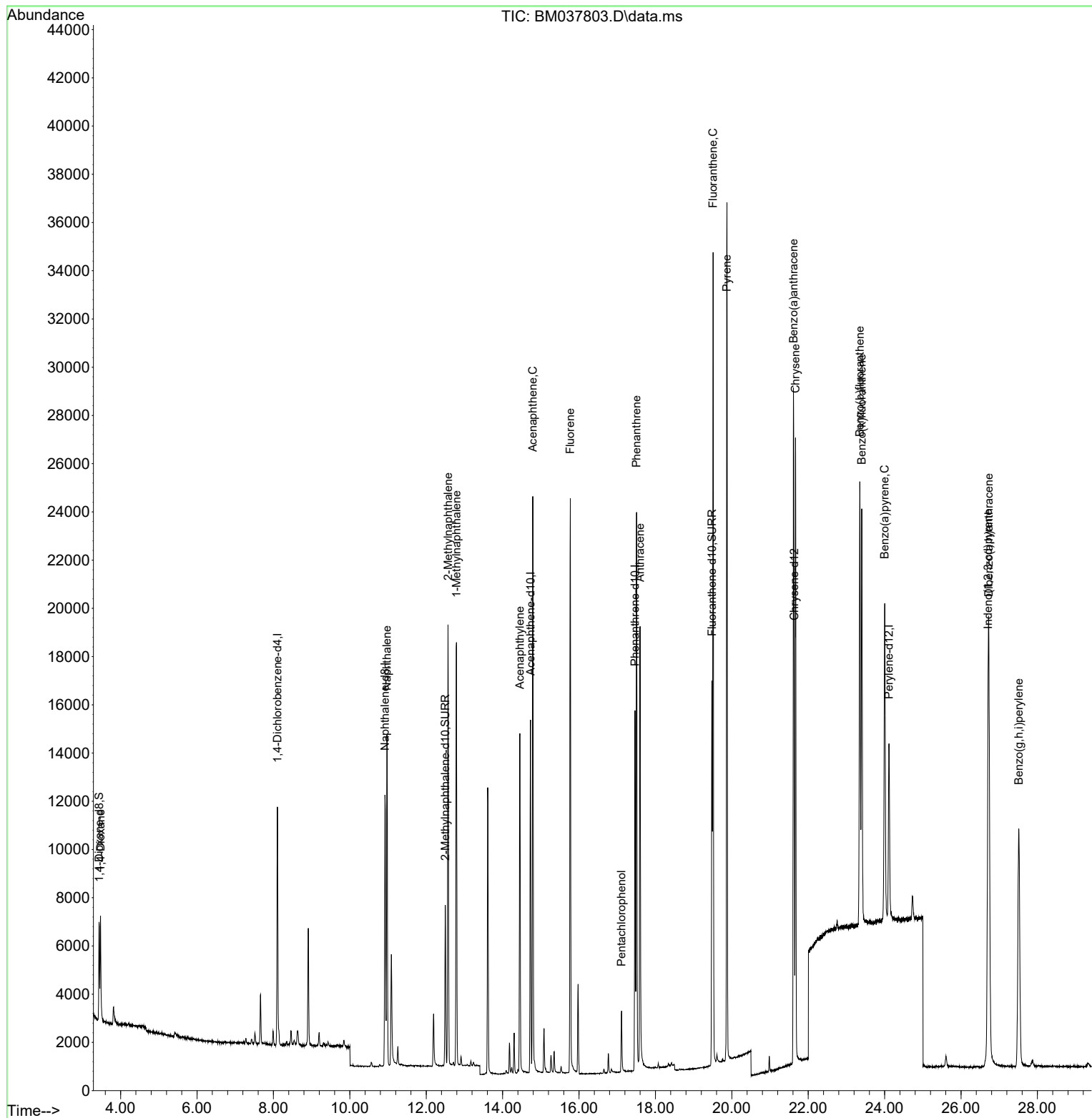
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	4773	0.400	ng/ul	0.00
4) Naphthalene-d8	10.921	136	14505	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.730	164	7842	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.463	188	16302	0.400	ng/ul #	0.00
17) Chrysene-d12	21.632	240	11291	0.400	ng/ul #	0.00
23) Perylene-d12	24.113	264	10506	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	2591	0.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.499	152	8126	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.477	212	15277	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.472	88	2640	0.398	ng/ul#	62
5) Naphthalene	10.971	128	18600	0.410	ng/ul	98
7) 2-Methylnaphthalene	12.571	142	12188	0.442	ng/ul	99
8) 1-Methylnaphthalene	12.791	142	11796	0.417	ng/ul	100
10) Acenaphthylene	14.452	152	16082	0.409	ng/ul	99
11) Acenaphthene	14.790	153	13565	0.416	ng/ul	99
12) Fluorene	15.771	166	15131	0.419	ng/ul	99
14) Pentachlorophenol	17.113	266	1813	0.338	ng/ul	98
15) Phenanthrene	17.505	178	24333	0.412	ng/ul	99
16) Anthracene	17.598	178	21452	0.408	ng/ul	99
19) Fluoranthene	19.510	202	26215	0.418	ng/ul#	86
20) Pyrene	19.872	202	27542	0.419	ng/ul#	86
21) Benzo(a)anthracene	21.614	228	22188	0.405	ng/ul	99
22) Chrysene	21.667	228	22709	0.411	ng/ul	99
24) Benzo(b)fluoranthene	23.350	252	23620	0.429	ng/ul#	82
25) Benzo(k)fluoranthene	23.400	252	22193	0.418	ng/ul#	82
26) Benzo(a)pyrene	24.002	252	19767	0.421	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.709	276	24110	0.393	ng/ul#	70
28) Dibenzo(a,h)anthracene	26.729	278	19750	0.411	ng/ul#	88
29) Benzo(g,h,i)perylene	27.514	276	21344	0.414	ng/ul#	87

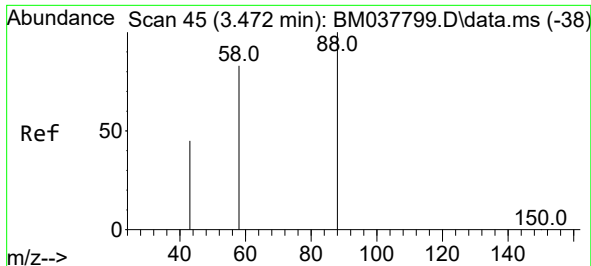
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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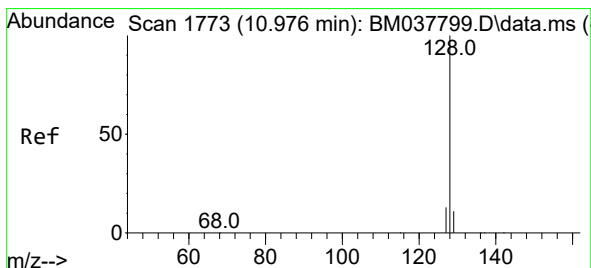
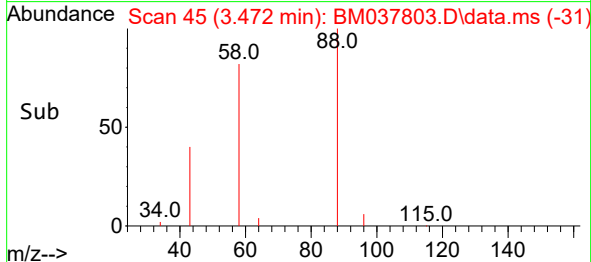
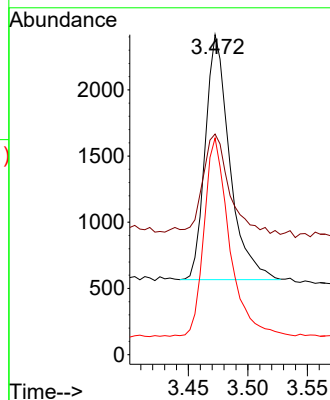
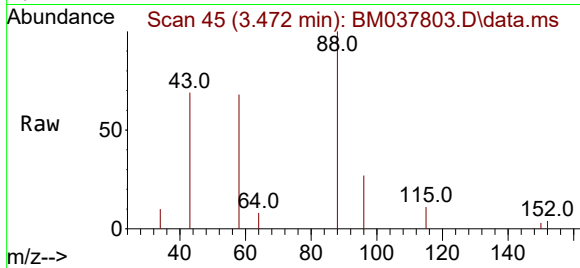




#2
1,4-Dioxane
Concen: 0.398 ng/ul
RT: 3.472 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

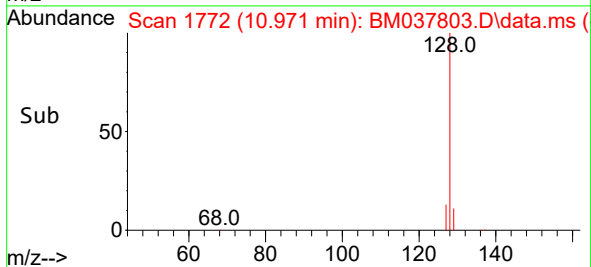
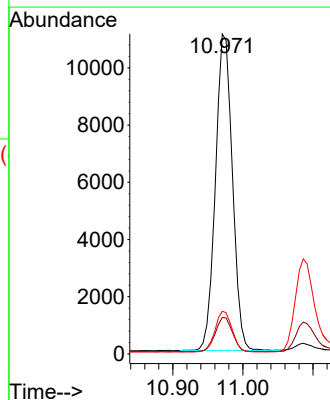
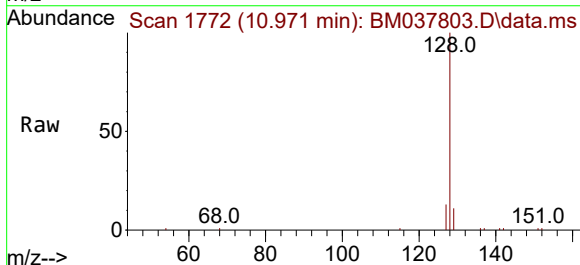
Instrument :
BNA_M
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SICV007

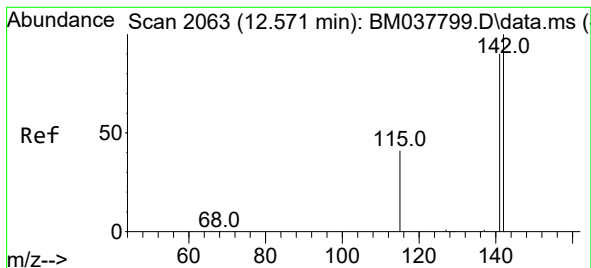
Tgt Ion: 88 Resp: 2640
Ion Ratio Lower Upper
88 100
43 68.9 102.8 154.2#
58 67.7 67.3 100.9



#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.971 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

Tgt Ion: 128 Resp: 18600
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.8
127 13.4 11.0 16.4

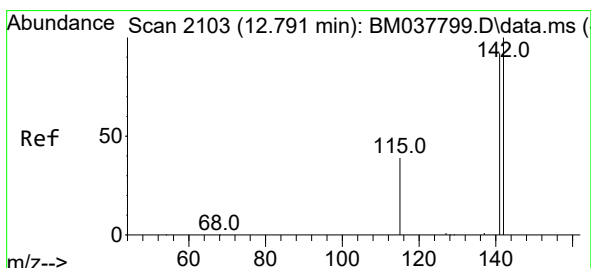
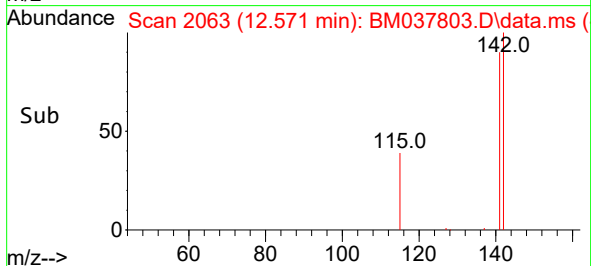
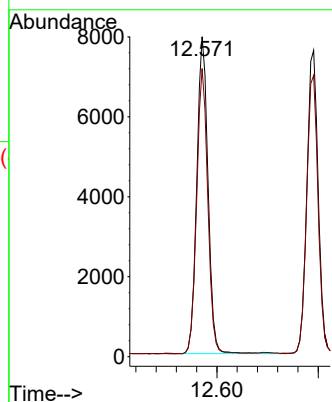
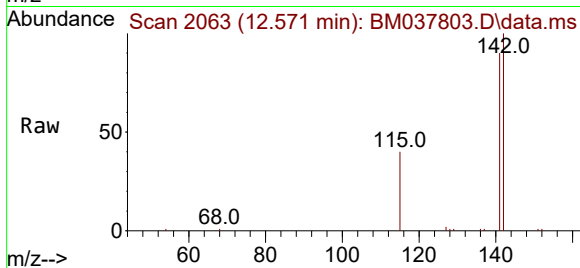




#7
2-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.571 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

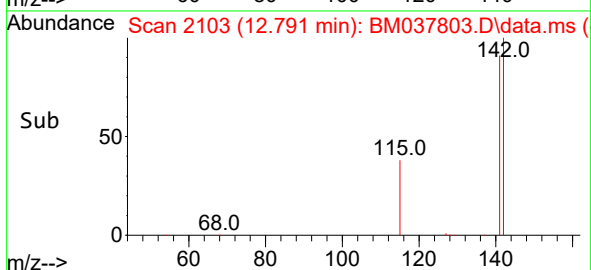
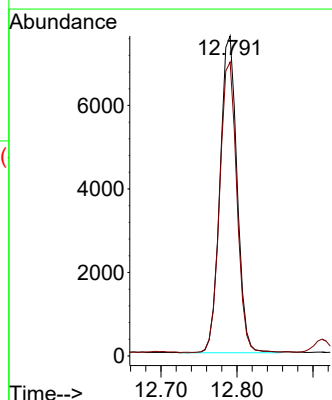
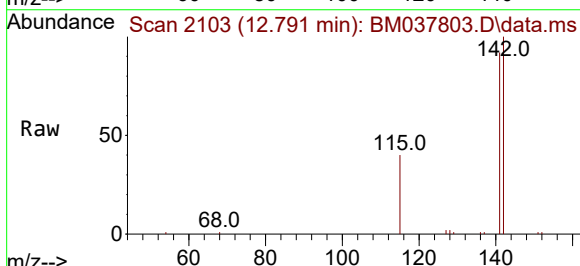
Instrument :
BNA_M
ClientSampleId :
SICV007

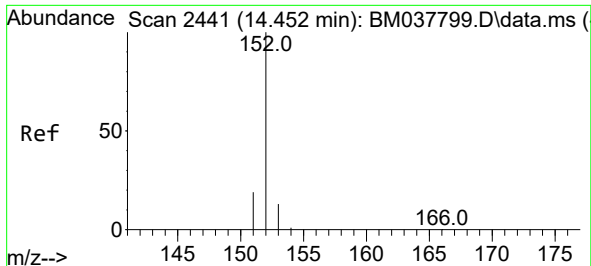
Tgt Ion:142 Resp: 12188
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.791 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

Tgt Ion:142 Resp: 11796
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0

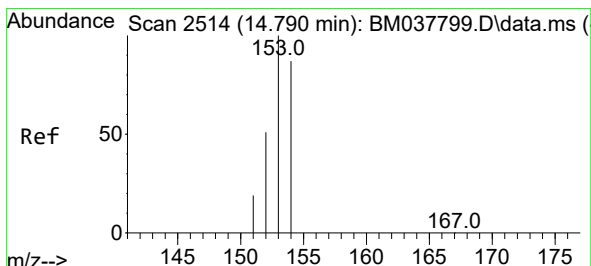
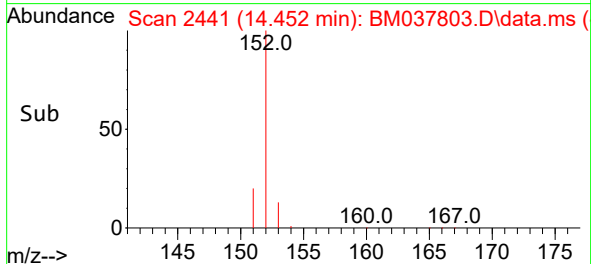
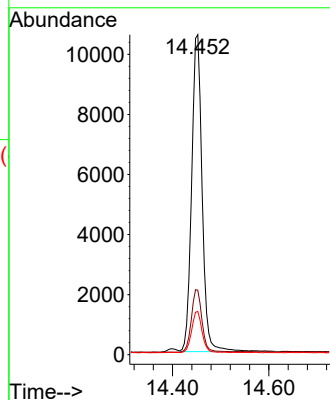
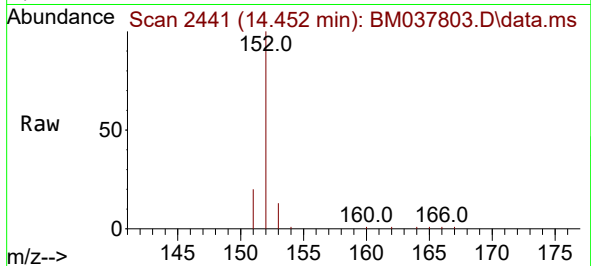




#10
Acenaphthylene
Concen: 0.409 ng/ul
RT: 14.452 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

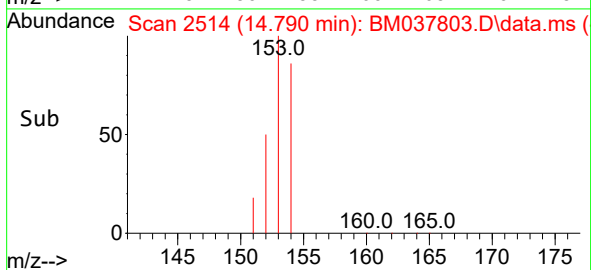
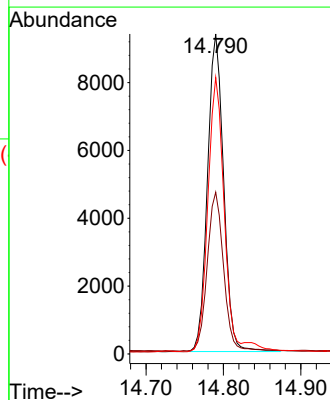
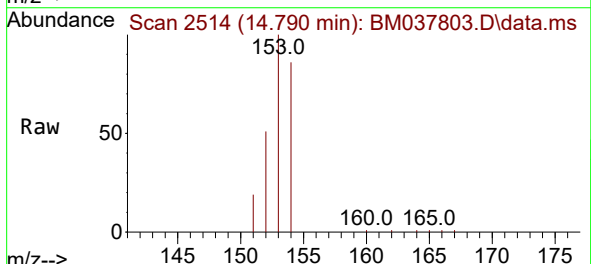
Instrument :
BNA_M
ClientSampleId :
SICV007

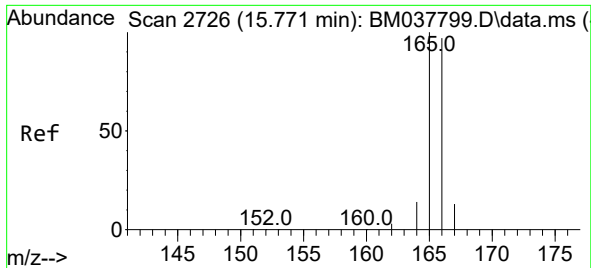
Tgt Ion:152 Resp: 16082
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.5 11.0 16.4



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.790 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

Tgt Ion:153 Resp: 13565
Ion Ratio Lower Upper
153 100
152 50.6 39.4 59.0
154 86.4 69.5 104.3

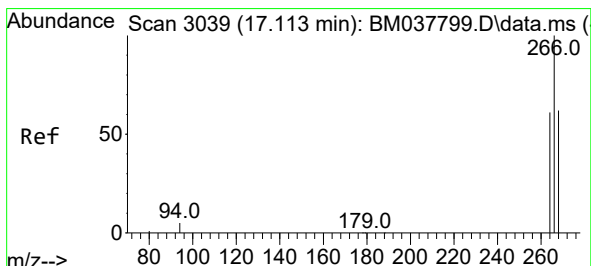
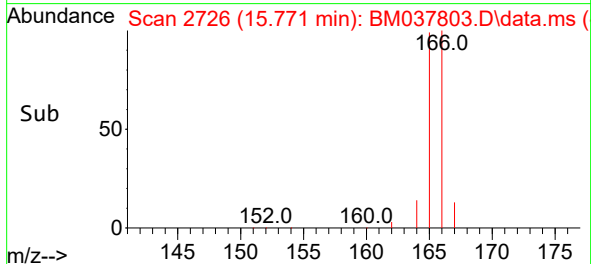
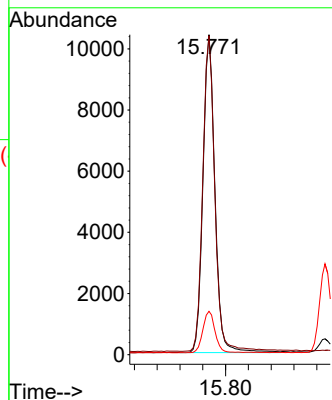
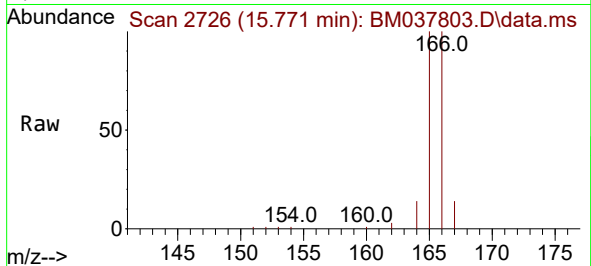




#12
Fluorene
Concen: 0.419 ng/ul
RT: 15.771 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

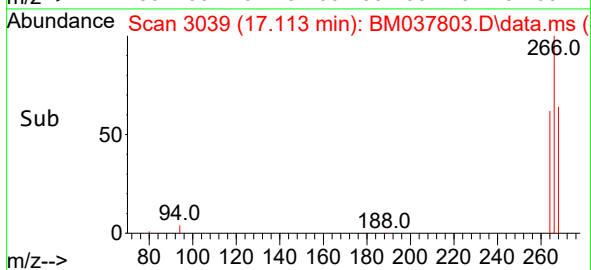
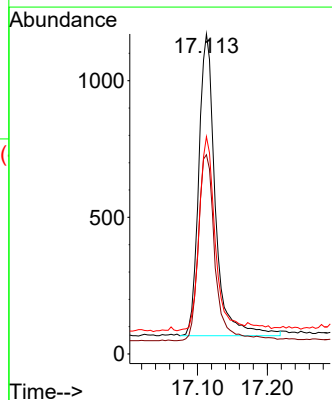
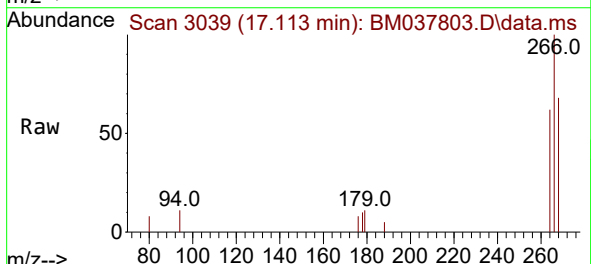
Instrument :
BNA_M
ClientSampleId :
SICV007

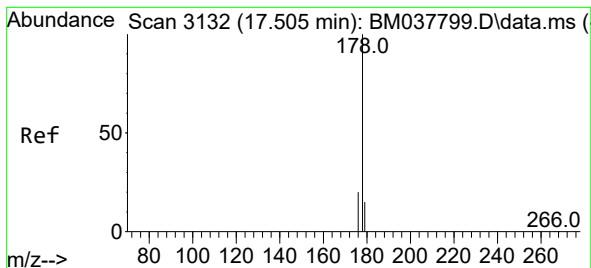
Tgt Ion:166 Resp: 15131
Ion Ratio Lower Upper
166 100
165 99.7 78.7 118.1
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.338 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.000 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

Tgt Ion:266 Resp: 1813
Ion Ratio Lower Upper
266 100
264 62.5 50.2 75.2
268 61.6 52.0 78.0





#15

Phenanthrene

Concen: 0.412 ng/ul

RT: 17.505 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BM037803.D

Acq: 30 Nov 2022 13:55

Instrument :

BNA_M

ClientSampleId :

SICV007

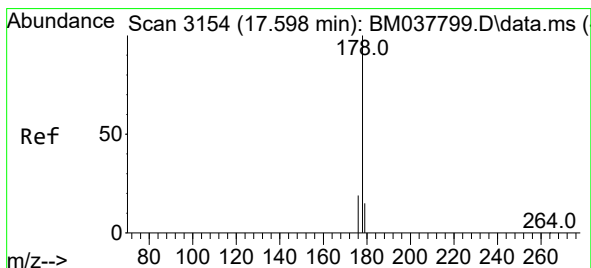
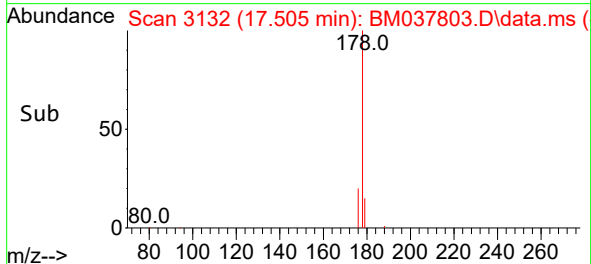
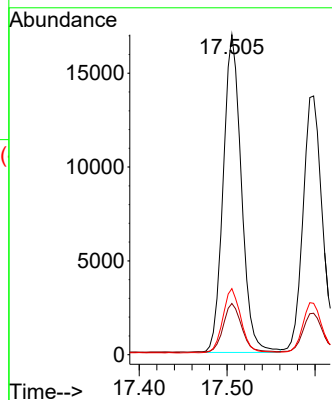
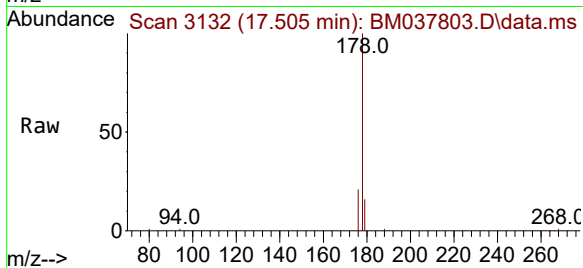
Tgt Ion:178 Resp: 24333

Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

176 20.7 16.0 24.0



#16

Anthracene

Concen: 0.408 ng/ul

RT: 17.598 min Scan# 3154

Delta R.T. 0.000 min

Lab File: BM037803.D

Acq: 30 Nov 2022 13:55

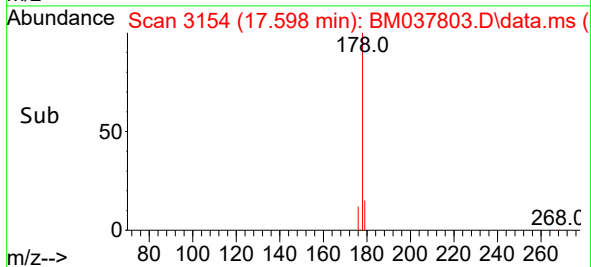
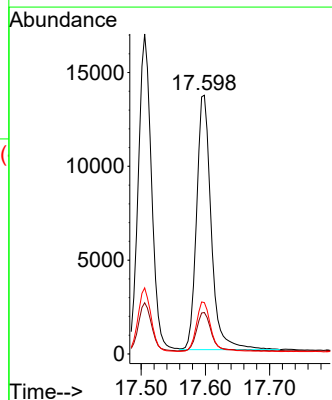
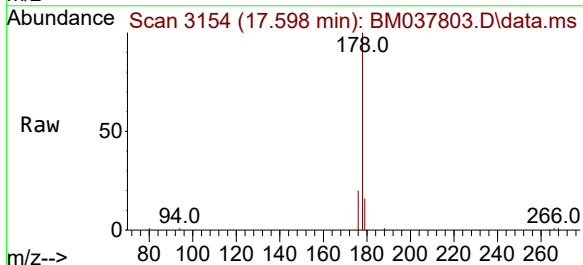
Tgt Ion:178 Resp: 21452

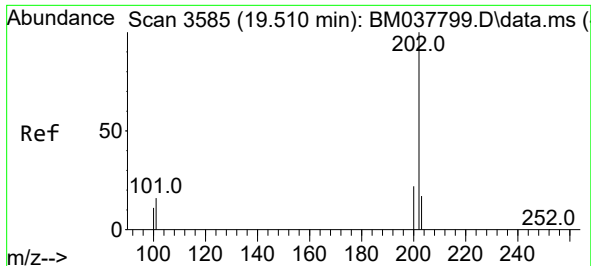
Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 19.8 15.0 22.6

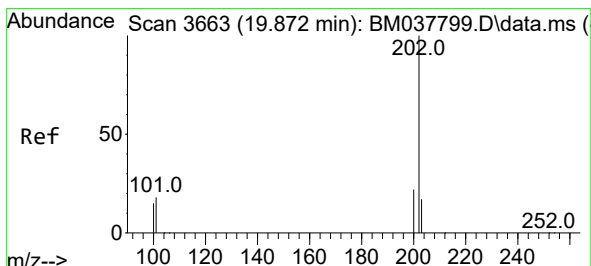
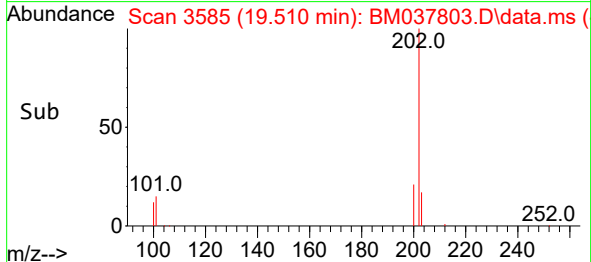
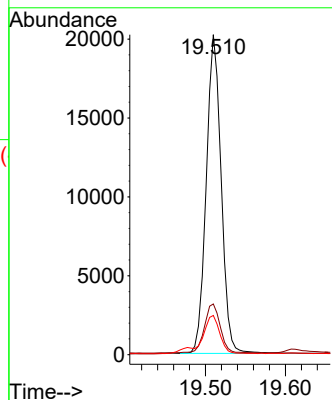
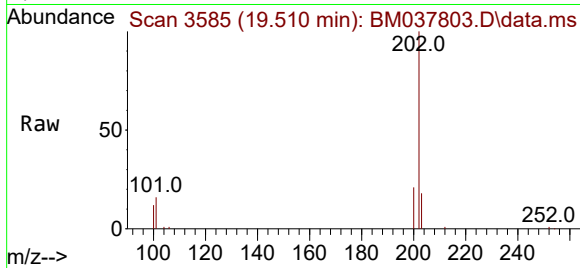




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.510 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

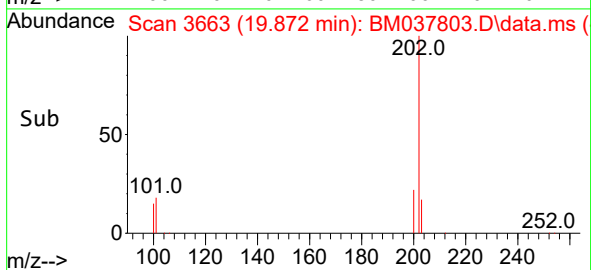
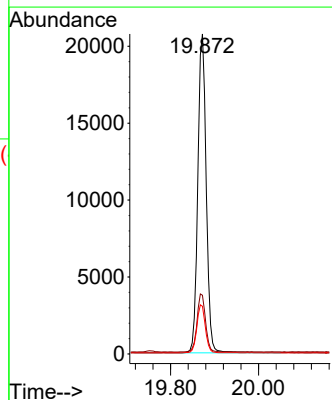
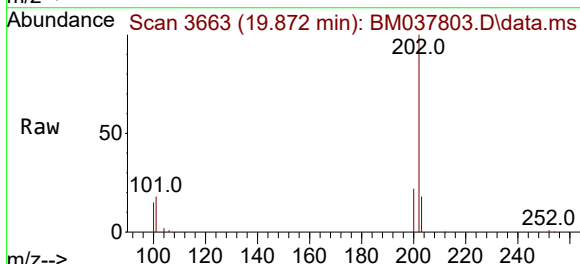
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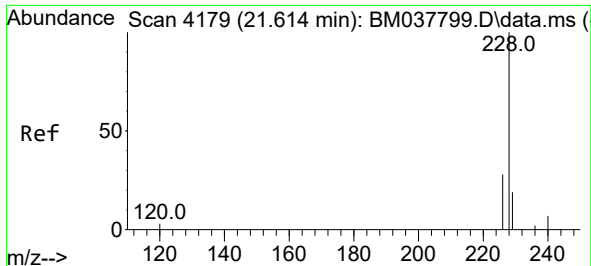
Tgt Ion:202 Resp: 26215
Ion Ratio Lower Upper
202 100
101 15.8 8.2 12.2#
100 12.3 6.1 9.1#



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.872 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

Tgt Ion:202 Resp: 27542
Ion Ratio Lower Upper
202 100
101 18.4 10.1 15.1#
100 14.9 8.0 12.0#

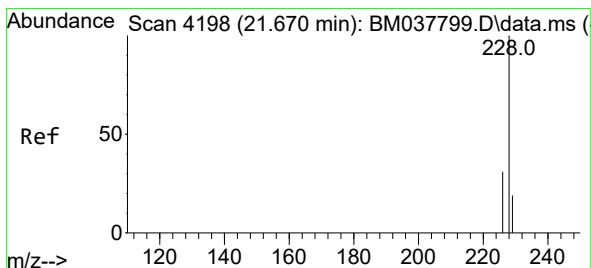
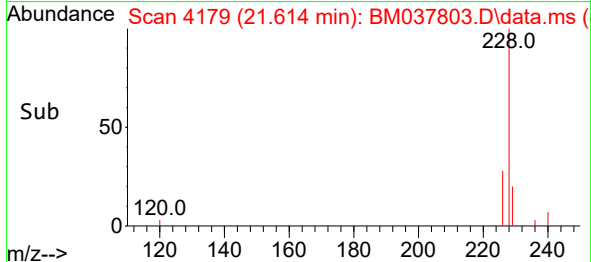
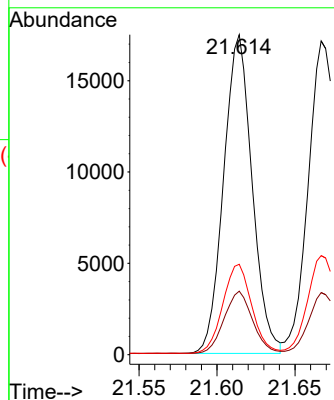
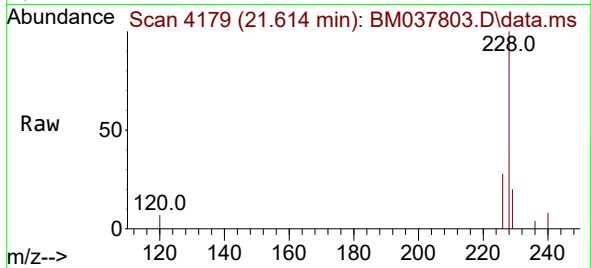




#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.614 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

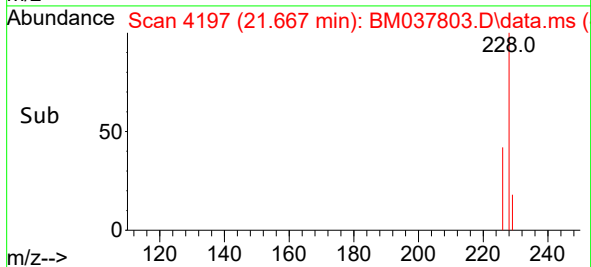
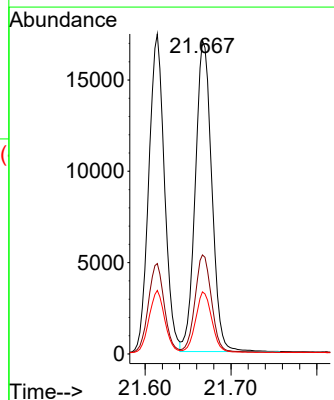
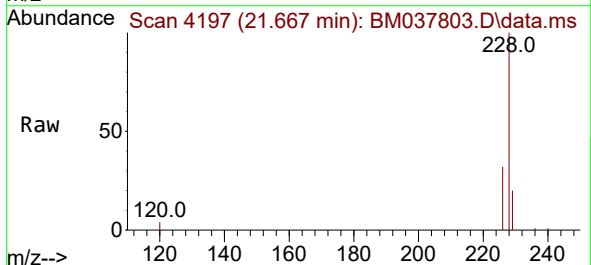
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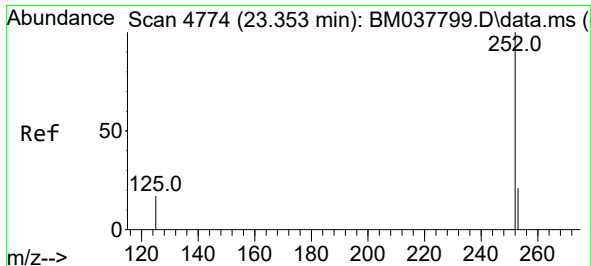
Tgt Ion:	228	Resp:	22188
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.7	23.5
226	28.2	22.2	33.2



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.667 min Scan# 4197
Delta R.T. -0.003 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

Tgt Ion:	228	Resp:	22709
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.6	37.0
229	19.8	15.5	23.3

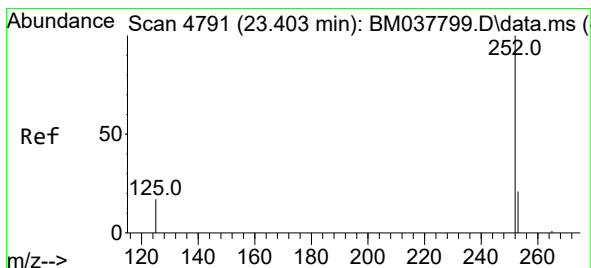
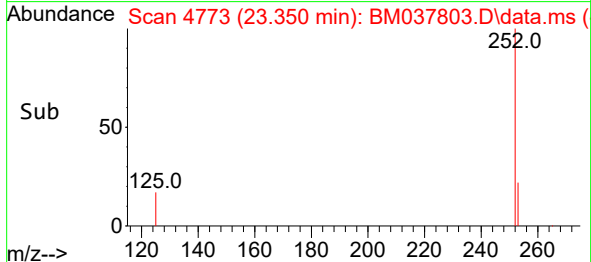
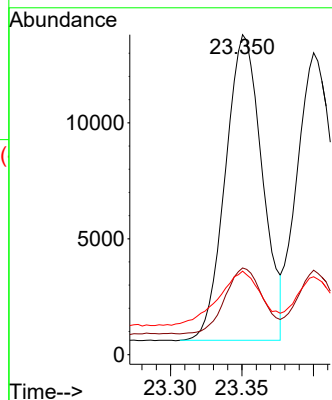
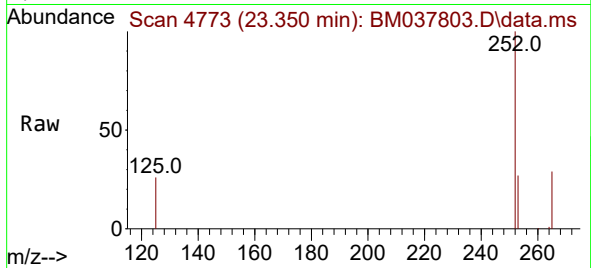




#24
Benzo(b)fluoranthene
Concen: 0.429 ng/ul
RT: 23.350 min Scan# 4773
Delta R.T. -0.003 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

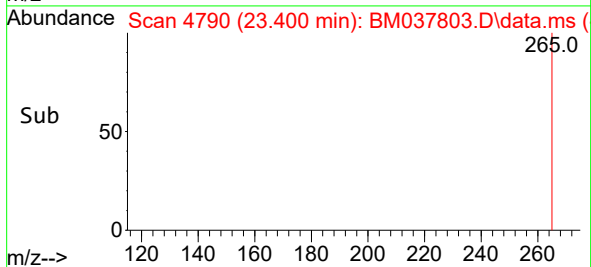
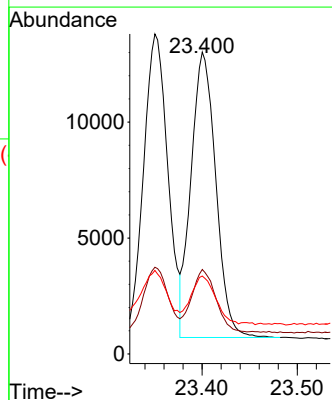
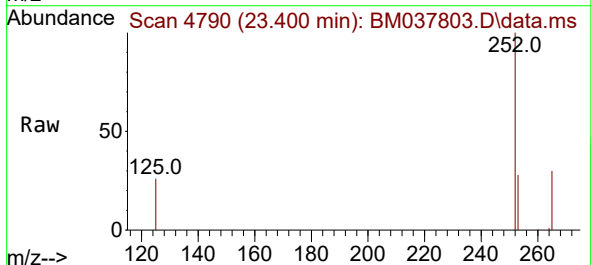
Instrument :
BNA_M
ClientSampleId :
SICV007

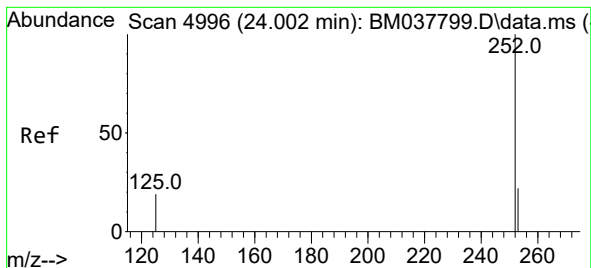
Tgt Ion:252 Resp: 23620
Ion Ratio Lower Upper
252 100
253 27.1 0.0 46.2
125 26.1 0.0 23.4#



#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 23.400 min Scan# 4790
Delta R.T. -0.003 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

Tgt Ion:252 Resp: 22193
Ion Ratio Lower Upper
252 100
253 28.0 18.8 28.2
125 25.8 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.421 ng/ul

RT: 24.002 min Scan# 4996

Delta R.T. 0.000 min

Lab File: BM037803.D

Acq: 30 Nov 2022 13:55

Instrument :

BNA_M

ClientSampleId :

SICV007

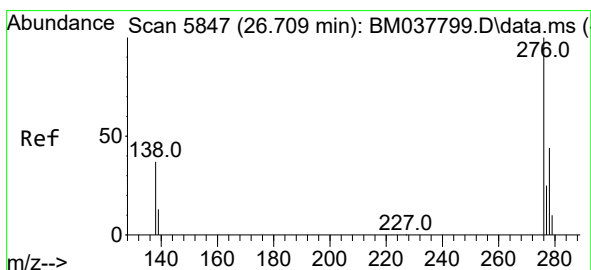
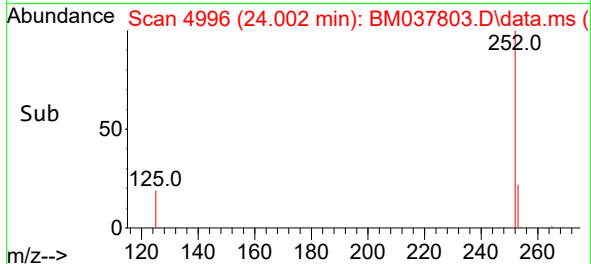
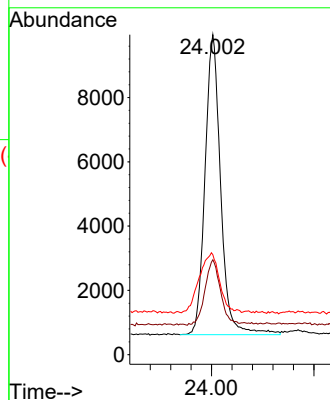
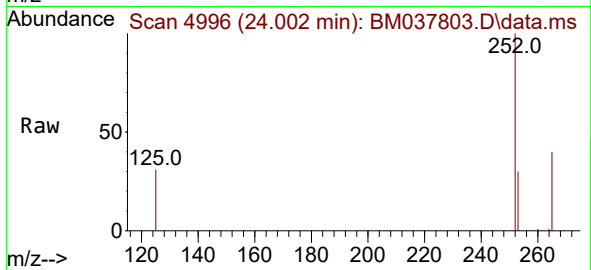
Tgt Ion:252 Resp: 19767

Ion Ratio Lower Upper

252 100

253 29.7 18.8 28.2#

125 31.2 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.393 ng/ul

RT: 26.709 min Scan# 5847

Delta R.T. 0.000 min

Lab File: BM037803.D

Acq: 30 Nov 2022 13:55

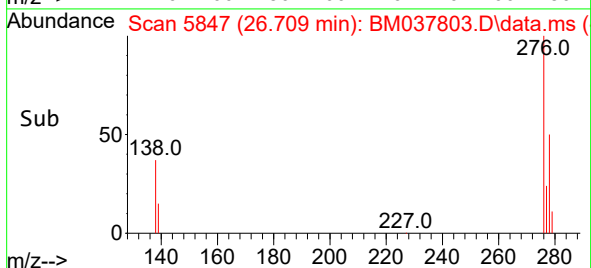
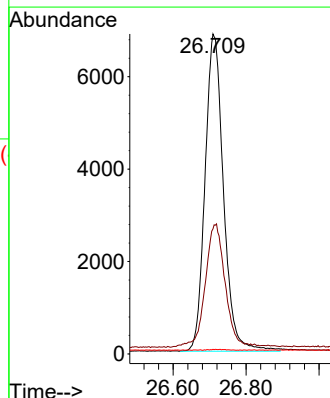
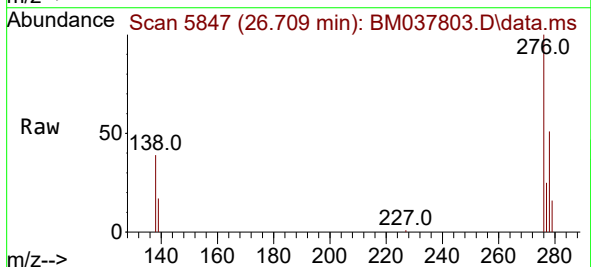
Tgt Ion:276 Resp: 24110

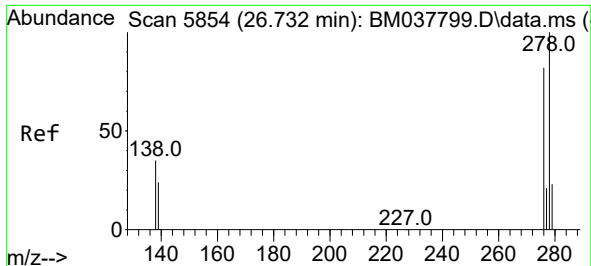
Ion Ratio Lower Upper

276 100

138 42.2 21.2 31.8#

227 0.2 0.1 0.1#

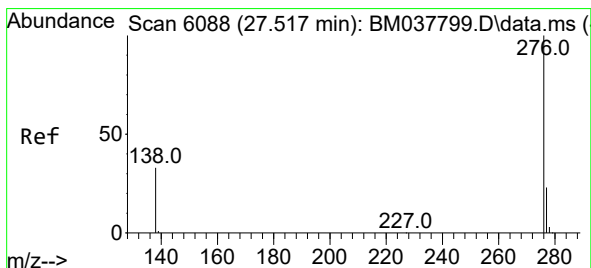
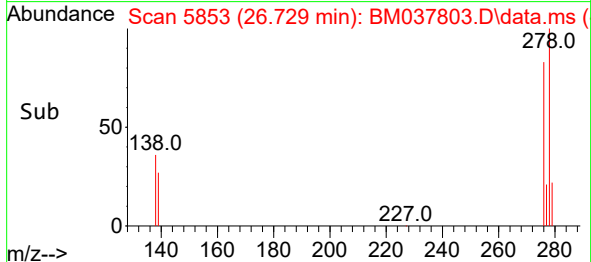
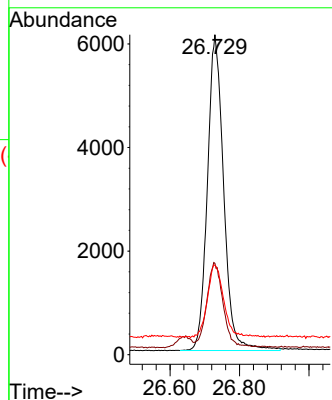
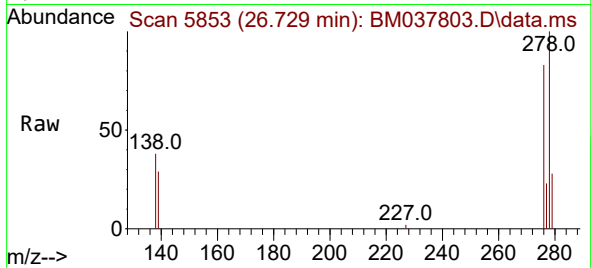




#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 26.729 min Scan# 5853
Delta R.T. -0.003 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:278 Resp: 19750
Ion Ratio Lower Upper
278 100
139 28.5 15.2 22.8#
279 28.0 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 27.514 min Scan# 6087
Delta R.T. -0.003 min
Lab File: BM037803.D
Acq: 30 Nov 2022 13:55

Tgt Ion:276 Resp: 21344
Ion Ratio Lower Upper
276 100
138 36.3 19.0 28.4#
277 24.4 19.4 29.2

