

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038975.D
 Acq On : 10 Mar 2023 11:19
 Operator : CG/JU
 Sample : PB151313BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS313

Quant Time: Mar 10 23:15:02 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 : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

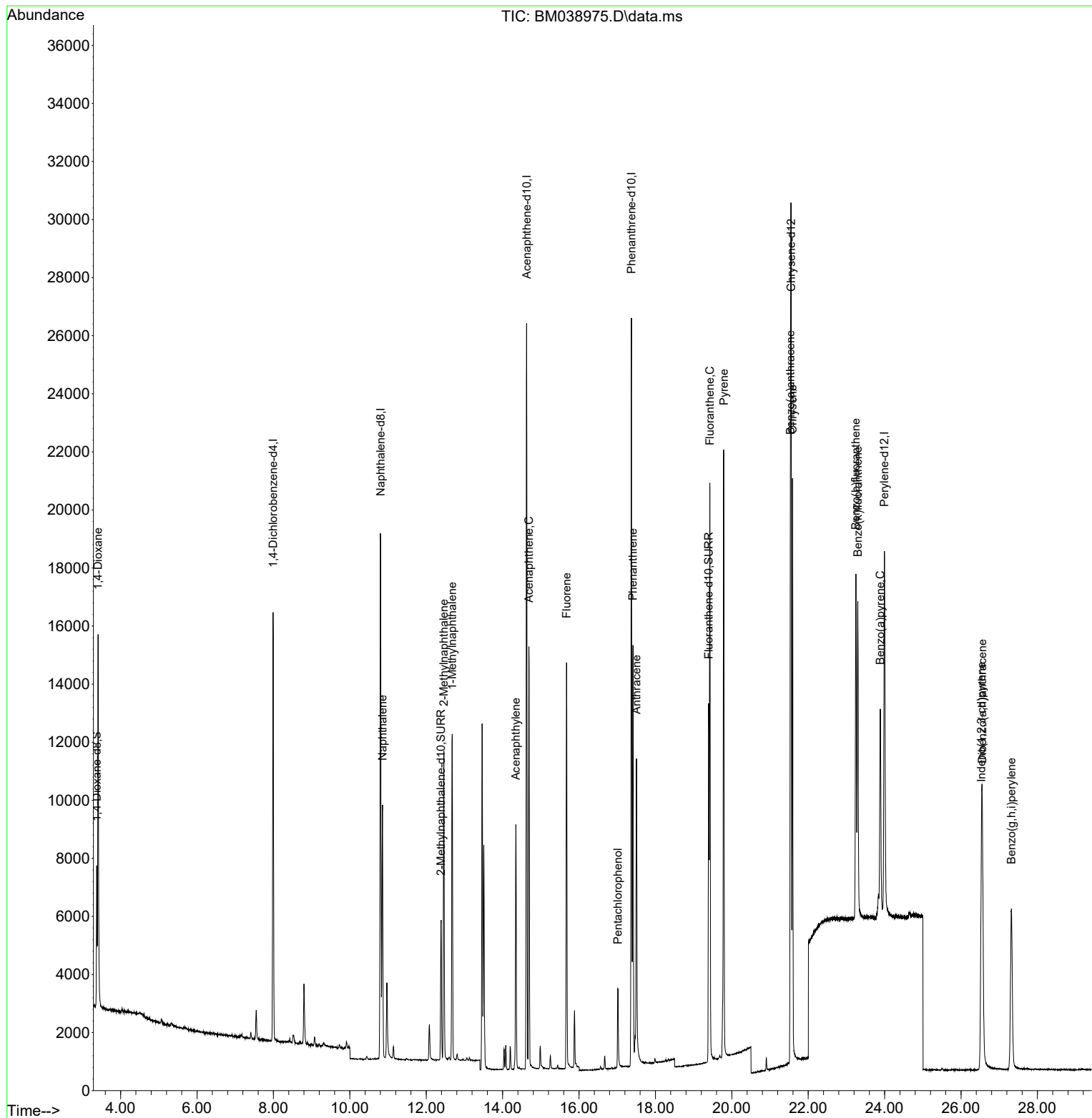
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	7401	0.400	ng/ul	0.00
4) Naphthalene-d8	10.806	136	24489	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.628	164	13773	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.370	188	29331	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	24149	0.400	ng/ul	0.00
23) Perylene-d12	23.994	264	18323	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	3294	0.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.389	152	6373	0.215	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	13092	0.228	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.409	88	8826	1.041	ng/ul	94
5) Naphthalene	10.855	128	12105	0.207	ng/ul	99
7) 2-Methylnaphthalene	12.461	142	7375	0.208	ng/ul	100
8) 1-Methylnaphthalene	12.681	142	7727	0.207	ng/ul	99
10) Acenaphthylene	14.346	152	9362	0.187	ng/ul	98
11) Acenaphthene	14.688	153	8129	0.197	ng/ul	99
12) Fluorene	15.674	166	9131	0.196	ng/ul	99
14) Pentachlorophenol	17.016	266	2094	0.297	ng/ul	99
15) Phenanthrene	17.413	178	15477	0.200	ng/ul	100
16) Anthracene	17.505	178	12699	0.199	ng/ul	99
19) Fluoranthene	19.426	202	17354	0.212	ng/ul	99
20) Pyrene	19.789	202	18092	0.215	ng/ul	98
21) Benzo(a)anthracene	21.532	228	15452	0.226	ng/ul	100
22) Chrysene	21.588	228	17104	0.208	ng/ul	99
24) Benzo(b)fluoranthene	23.248	252	15786	0.220	ng/ul	90
25) Benzo(k)fluoranthene	23.298	252	15142	0.211	ng/ul#	91
26) Benzo(a)pyrene	23.885	252	11954	0.209	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.534	276	14193	0.197	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.558	278	11679	0.212	ng/ul	97
29) Benzo(g,h,i)perylene	27.319	276	12842	0.191	ng/ul	98

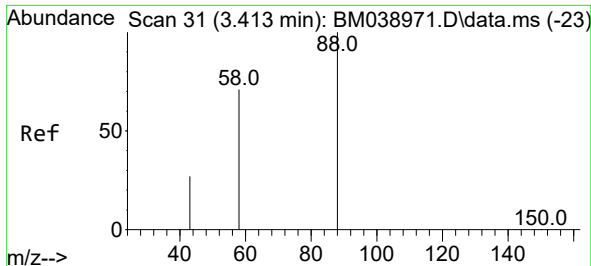
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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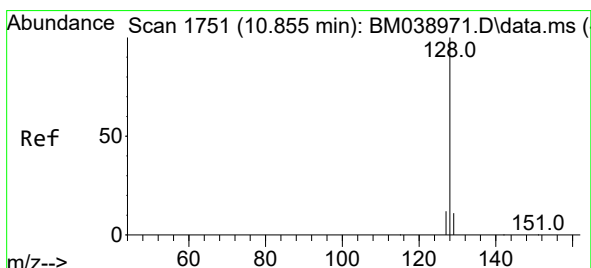
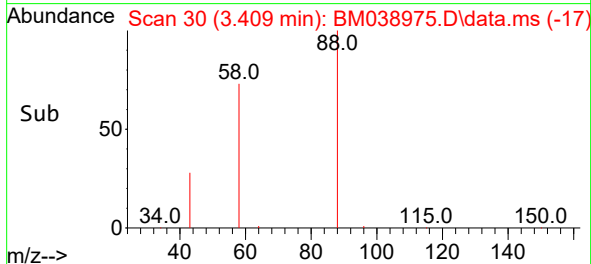
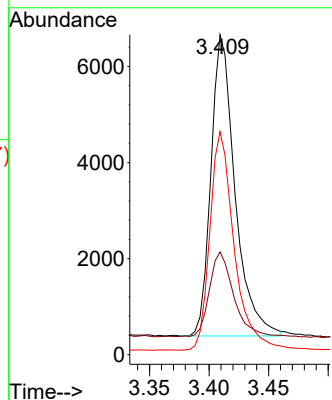
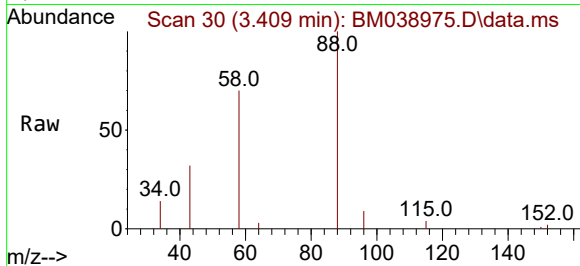




#2
1,4-Dioxane
Concen: 1.041 ng/ul
RT: 3.409 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

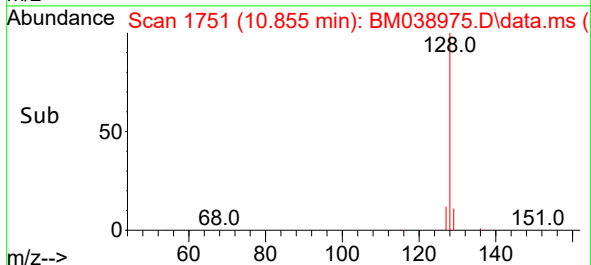
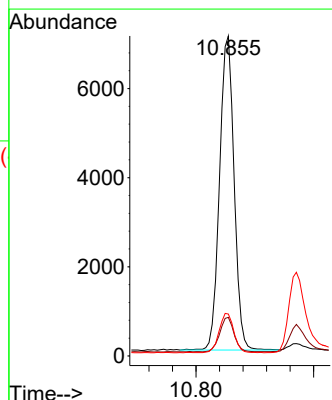
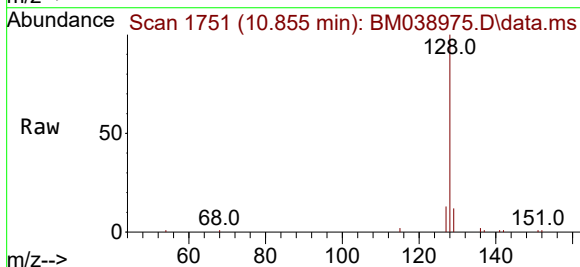
Instrument :
BNA_M
ClientSampleId :
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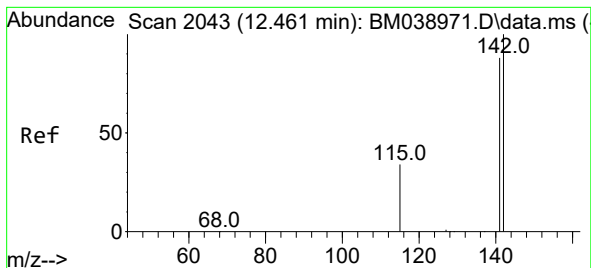
Tgt Ion: 88 Resp: 8826
Ion Ratio Lower Upper
88 100
43 32.1 27.2 40.8
58 69.7 50.8 76.2



#5
Naphthalene
Concen: 0.207 ng/ul
RT: 10.855 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

Tgt Ion: 128 Resp: 12105
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.1 10.3 15.5

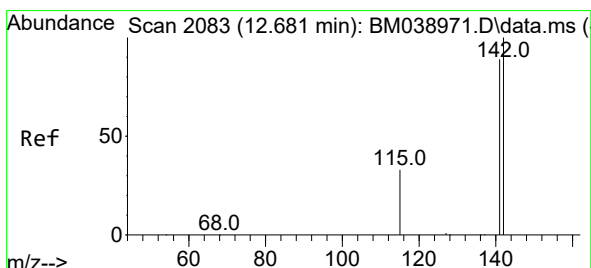
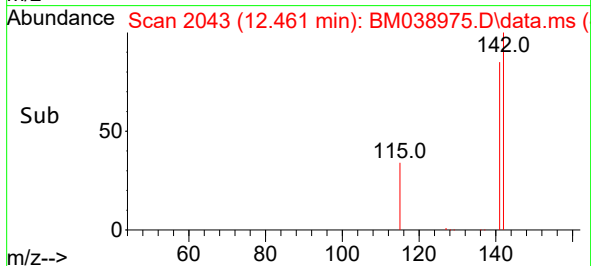
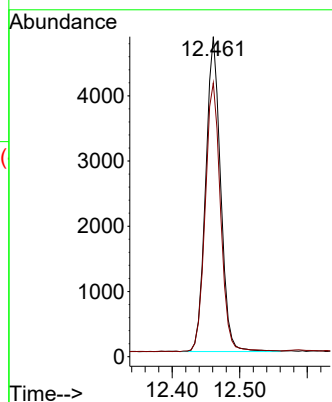
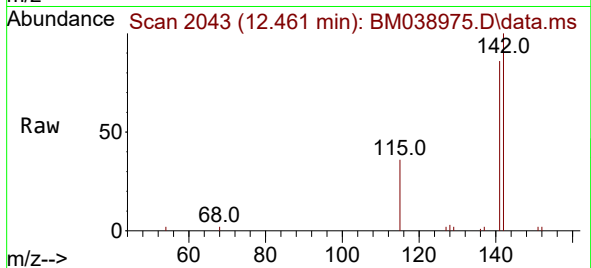




#7
2-Methylnaphthalene
Concen: 0.208 ng/ul
RT: 12.461 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

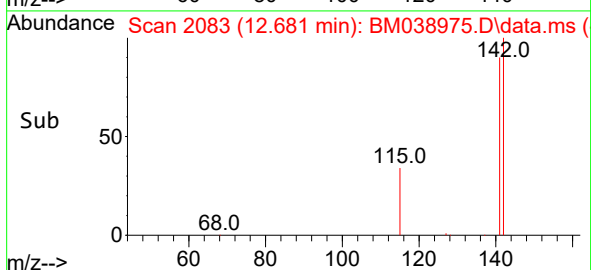
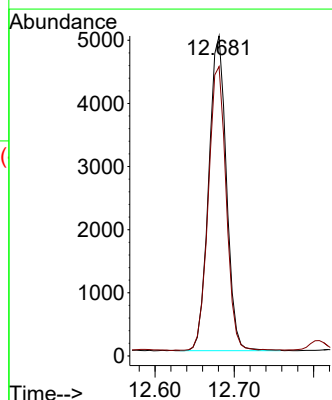
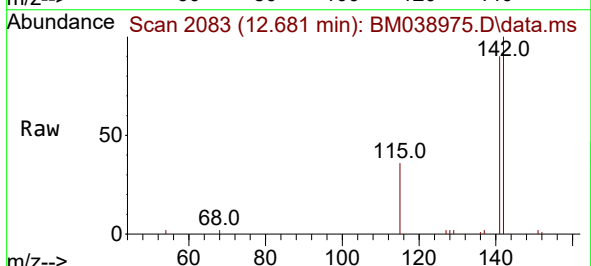
Instrument :
BNA_M
ClientSampleId :
SLCS313

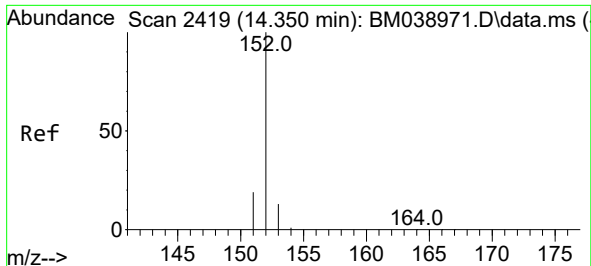
Tgt Ion:142 Resp: 7375
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.207 ng/ul
RT: 12.681 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

Tgt Ion:142 Resp: 7727
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3

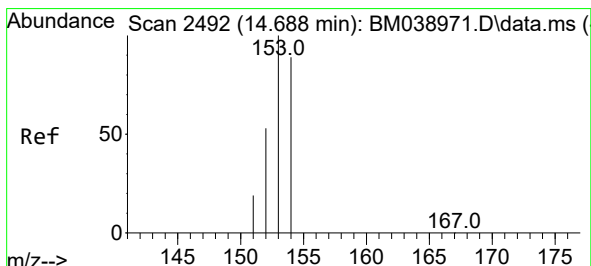
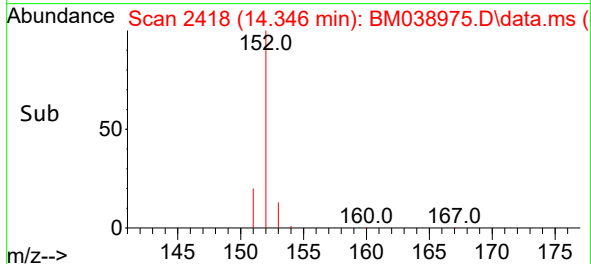
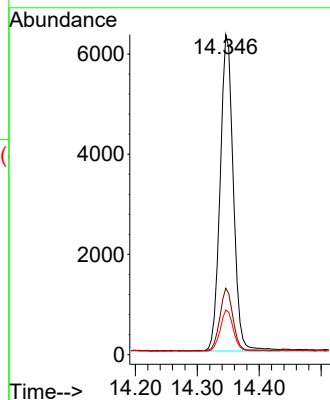
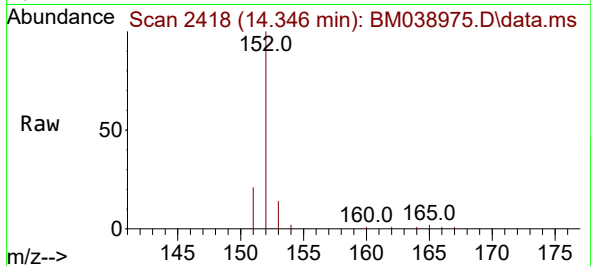




#10
Acenaphthylene
Concen: 0.187 ng/ul
RT: 14.346 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

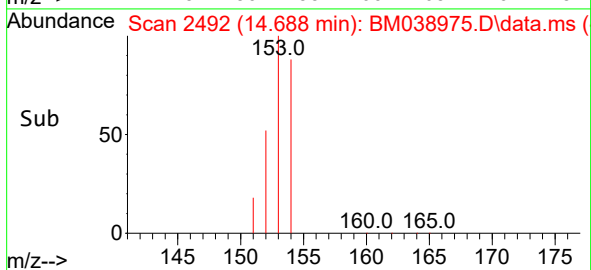
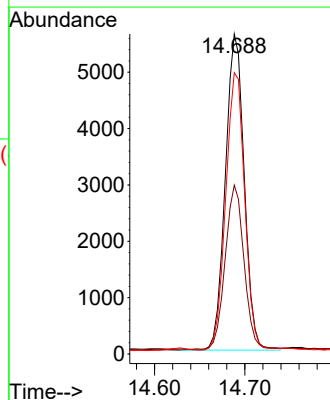
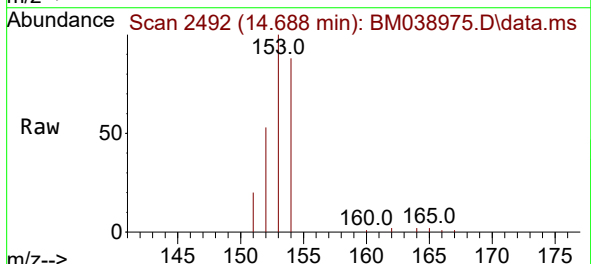
Instrument :
BNA_M
ClientSampleId :
SLCS313

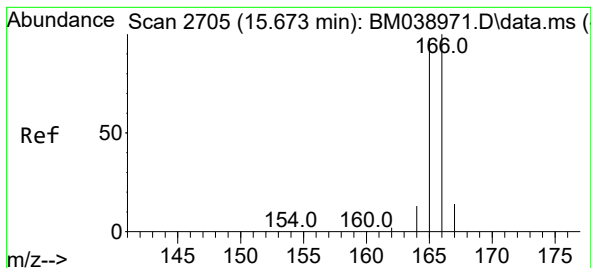
Tgt Ion:152 Resp: 9362
Ion Ratio Lower Upper
152 100
151 20.7 15.6 23.4
153 14.0 10.6 15.8



#11
Acenaphthene
Concen: 0.197 ng/ul
RT: 14.688 min Scan# 2492
Delta R.T. -0.005 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

Tgt Ion:153 Resp: 8129
Ion Ratio Lower Upper
153 100
152 52.7 44.2 66.2
154 87.9 70.6 105.8





#12

Fluorene

Concen: 0.196 ng/ul

RT: 15.674 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM038975.D

Acq: 10 Mar 2023 11:19

Instrument :

BNA_M

ClientSampleId :

SLCS313

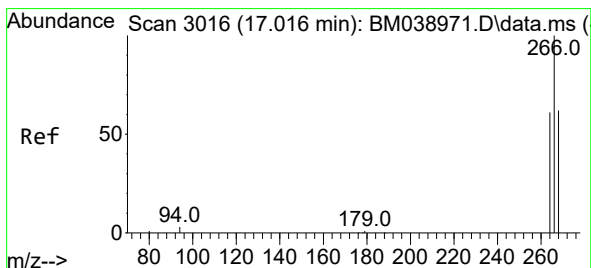
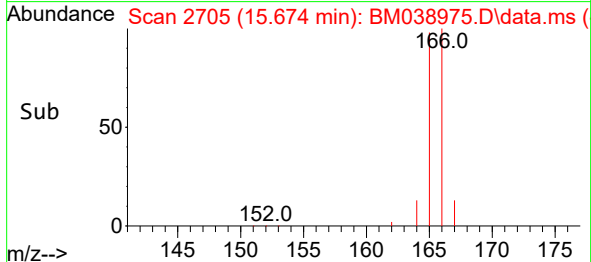
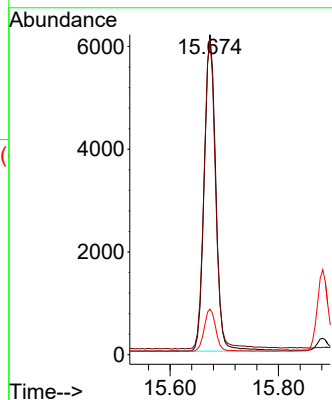
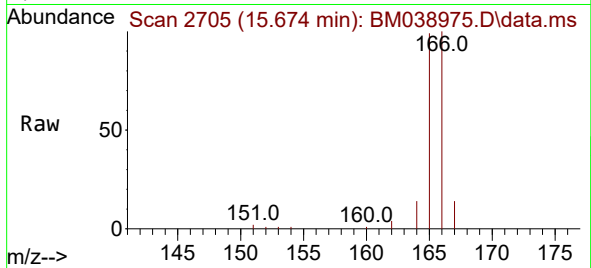
Tgt Ion:166 Resp: 9131

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.6

167 14.2 11.4 17.2



#14

Pentachlorophenol

Concen: 0.297 ng/ul

RT: 17.016 min Scan# 3016

Delta R.T. -0.004 min

Lab File: BM038975.D

Acq: 10 Mar 2023 11:19

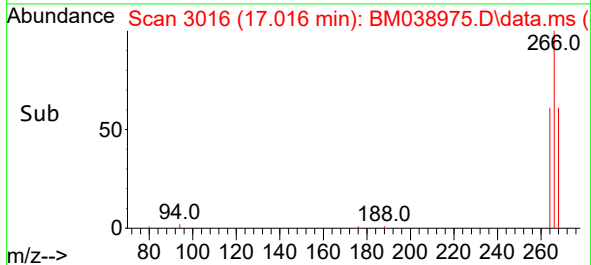
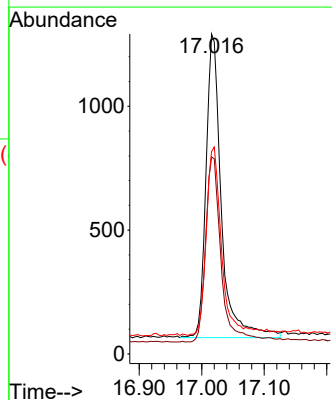
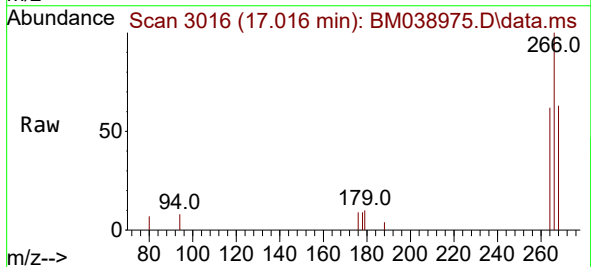
Tgt Ion:266 Resp: 2094

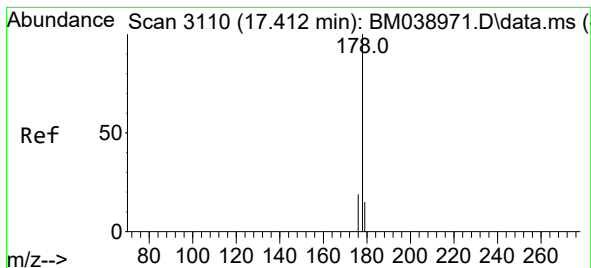
Ion Ratio Lower Upper

266 100

264 62.1 50.2 75.2

268 63.4 50.2 75.4





#15

Phenanthrene

Concen: 0.200 ng/ul

RT: 17.413 min Scan# 3110

Delta R.T. -0.004 min

Lab File: BM038975.D

Acq: 10 Mar 2023 11:19

Instrument :

BNA_M

ClientSampleId :

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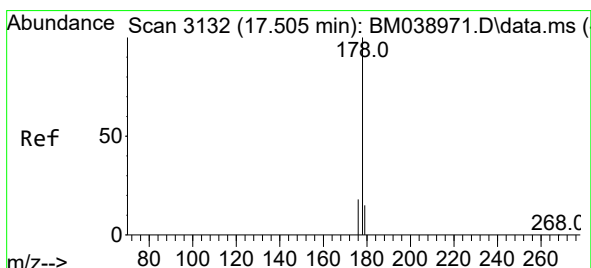
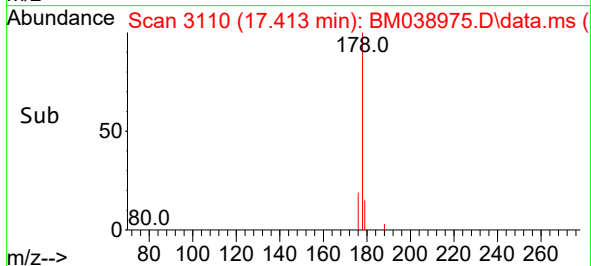
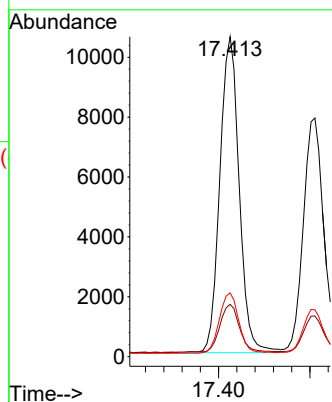
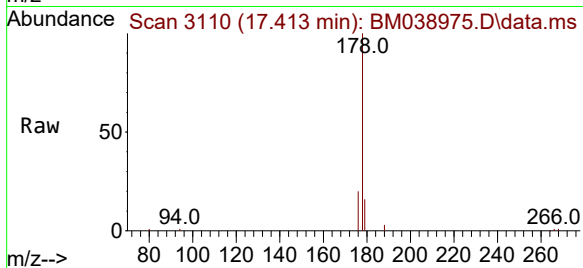
Tgt Ion:178 Resp: 15477

Ion Ratio Lower Upper

178 100

179 16.3 12.7 19.1

176 19.9 15.9 23.9



#16

Anthracene

Concen: 0.199 ng/ul

RT: 17.505 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BM038975.D

Acq: 10 Mar 2023 11:19

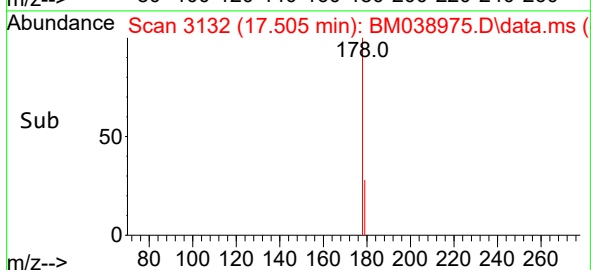
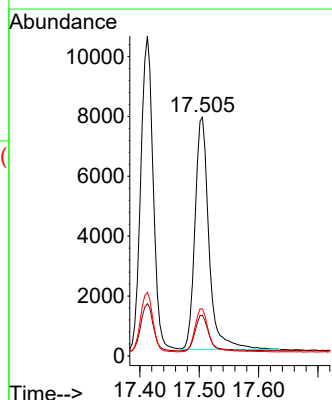
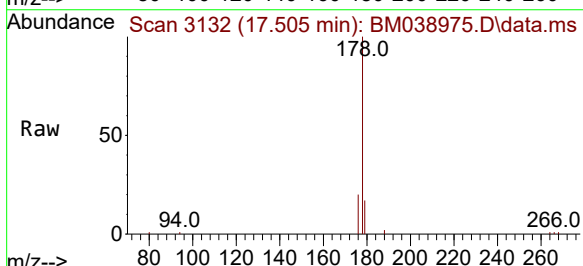
Tgt Ion:178 Resp: 12699

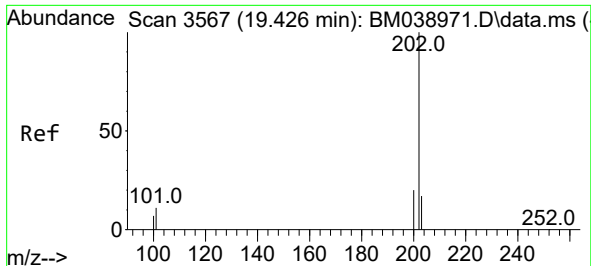
Ion Ratio Lower Upper

178 100

179 17.0 13.0 19.6

176 19.6 15.4 23.2

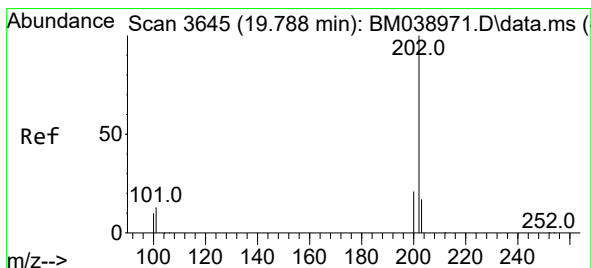
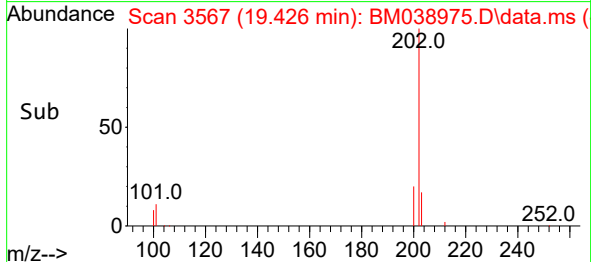
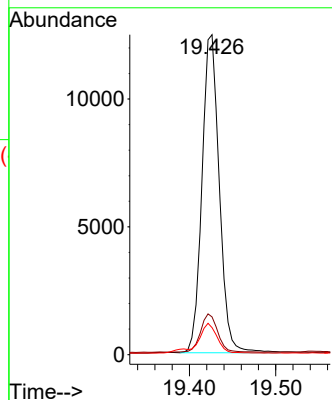
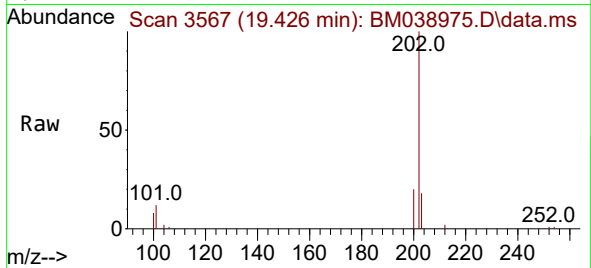




#19
Fluoranthene
Concen: 0.212 ng/ul
RT: 19.426 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

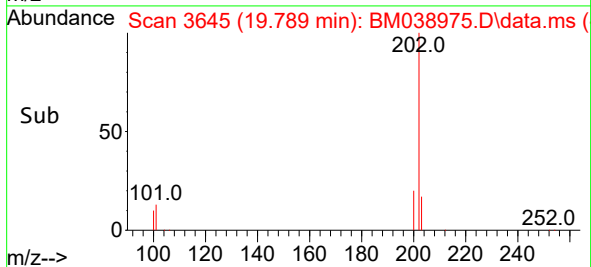
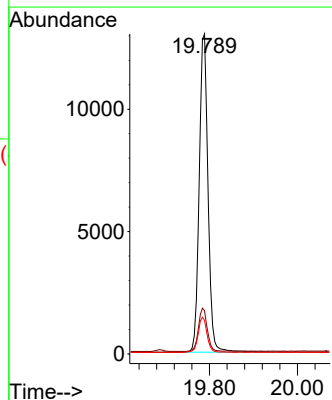
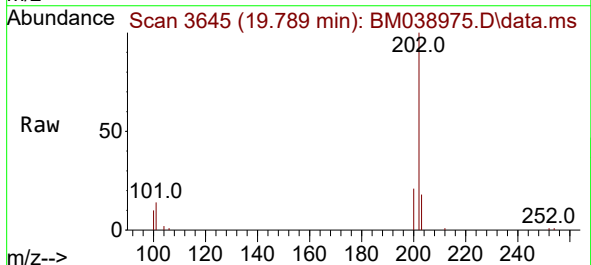
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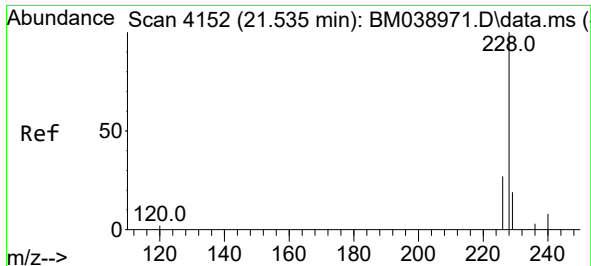
Tgt Ion:202 Resp: 17354
Ion Ratio Lower Upper
202 100
101 11.8 8.9 13.3
100 8.5 6.8 10.2



#20
Pyrene
Concen: 0.215 ng/ul
RT: 19.789 min Scan# 3645
Delta R.T. 0.000 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

Tgt Ion:202 Resp: 18092
Ion Ratio Lower Upper
202 100
101 13.6 11.2 16.8
100 10.5 9.0 13.6

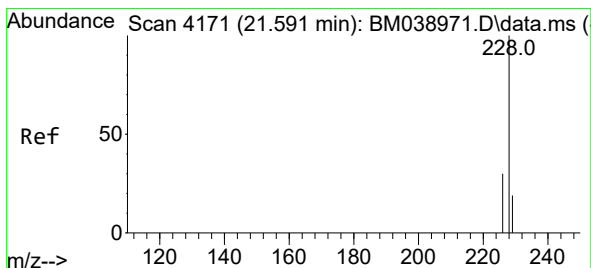
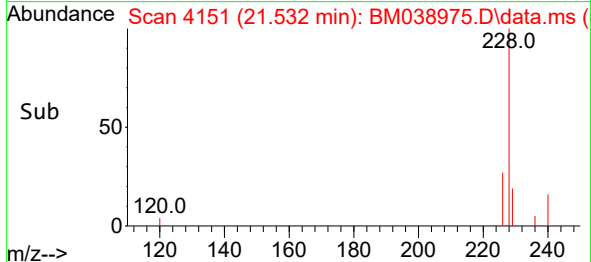
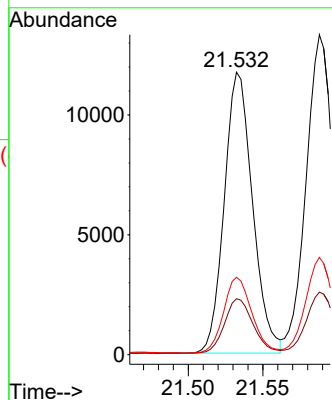
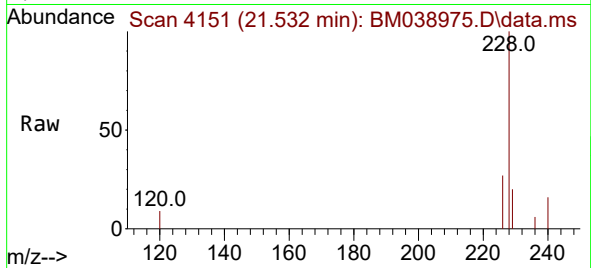




#21
Benzo(a)anthracene
Concen: 0.226 ng/ul
RT: 21.532 min Scan# 4152
Delta R.T. -0.006 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

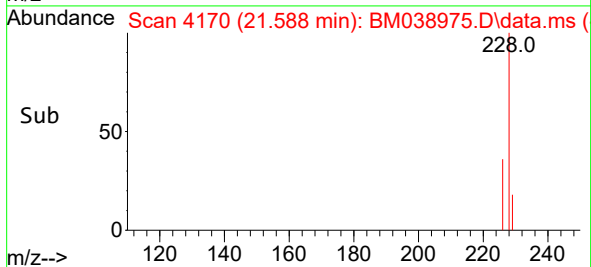
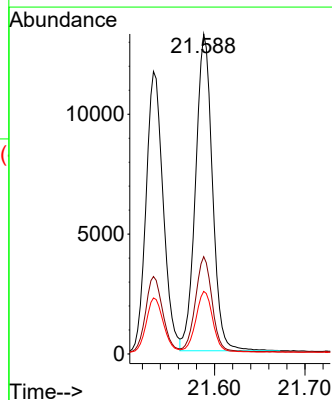
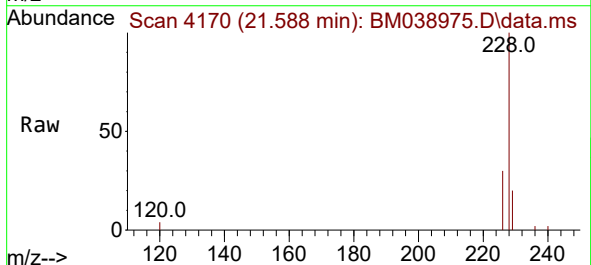
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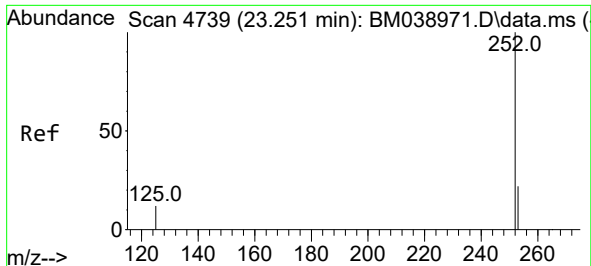
Tgt Ion:228 Resp: 15452
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.208 ng/ul
RT: 21.588 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

Tgt Ion:228 Resp: 17104
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 19.5 15.7 23.5

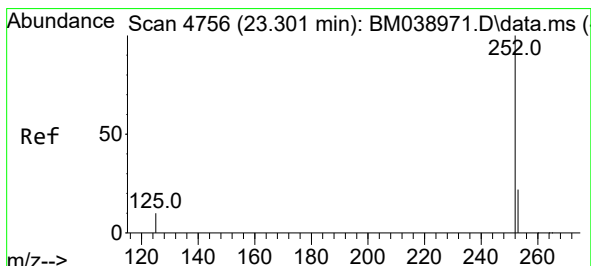
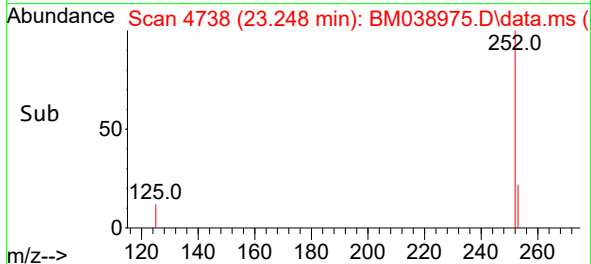
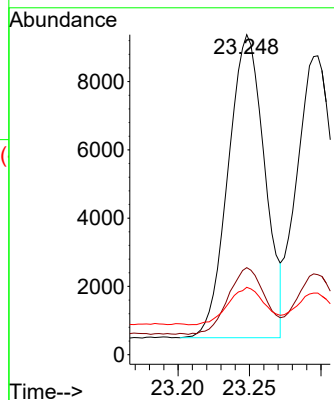
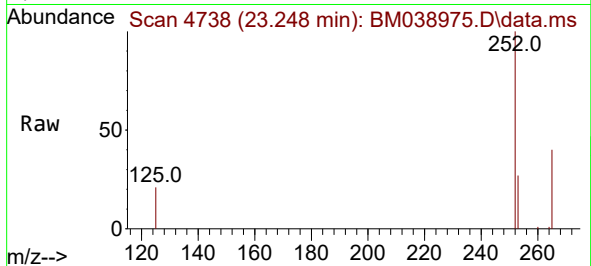




#24
Benzo(b)fluoranthene
Concen: 0.220 ng/ul
RT: 23.248 min Scan# 4738
Delta R.T. -0.003 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

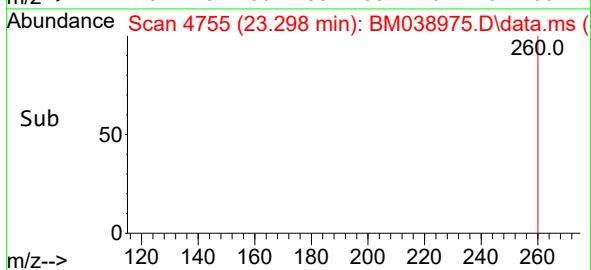
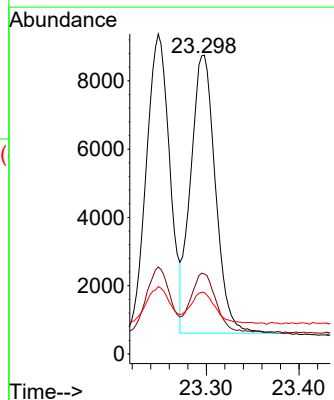
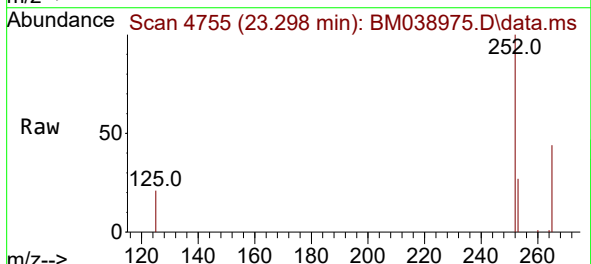
Instrument :
BNA_M
ClientSampleId :
SLCS313

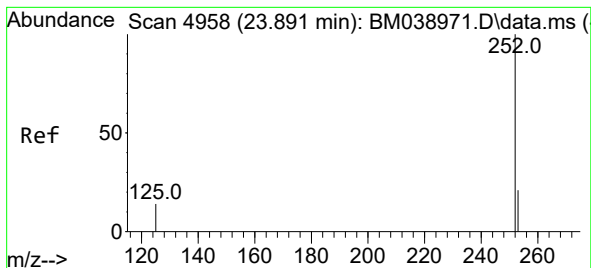
Tgt Ion:252 Resp: 15786
Ion Ratio Lower Upper
252 100
253 27.2 0.0 47.6
125 21.1 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.211 ng/ul
RT: 23.298 min Scan# 4755
Delta R.T. -0.003 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

Tgt Ion:252 Resp: 15142
Ion Ratio Lower Upper
252 100
253 26.8 19.2 28.8
125 20.6 11.8 17.6#





#26

Benzo(a)pyrene

Concen: 0.209 ng/ul

RT: 23.885 min Scan# 4956

Delta R.T. -0.003 min

Lab File: BM038975.D

Acq: 10 Mar 2023 11:19

Instrument :

BNA_M

ClientSampleId :

SLCS313

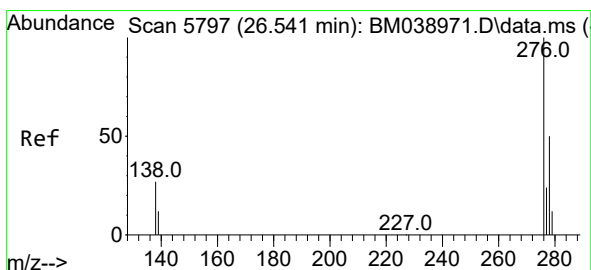
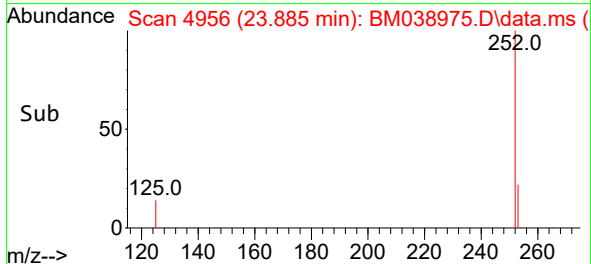
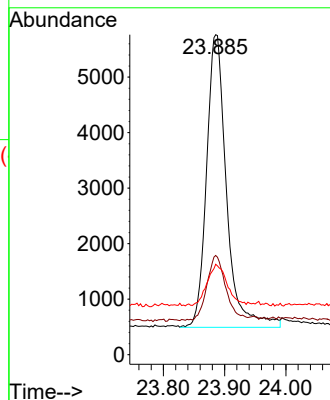
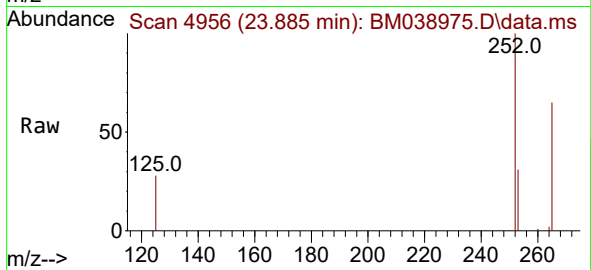
Tgt Ion:252 Resp: 11954

Ion Ratio Lower Upper

252 100

253 31.0 20.3 30.5#

125 28.3 14.0 21.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.197 ng/ul

RT: 26.534 min Scan# 5795

Delta R.T. -0.010 min

Lab File: BM038975.D

Acq: 10 Mar 2023 11:19

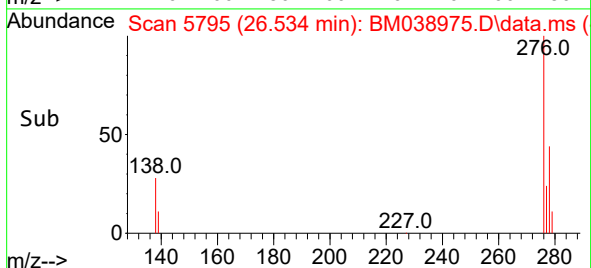
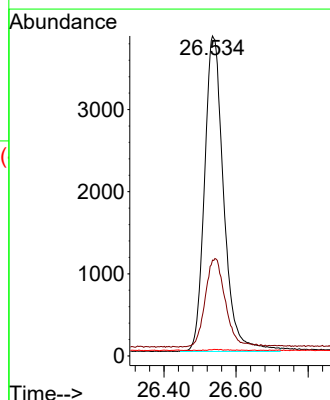
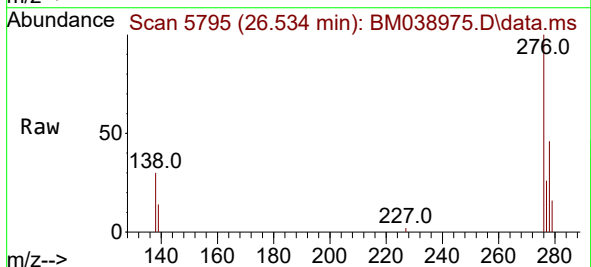
Tgt Ion:276 Resp: 14193

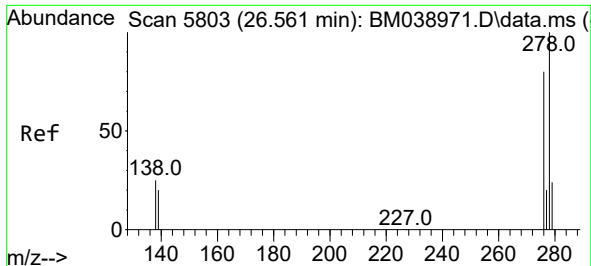
Ion Ratio Lower Upper

276 100

138 29.5 22.2 33.4

227 0.0 0.2 0.2#

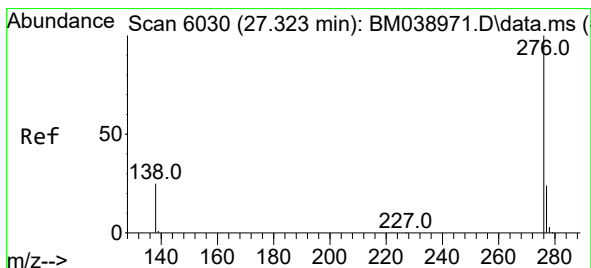
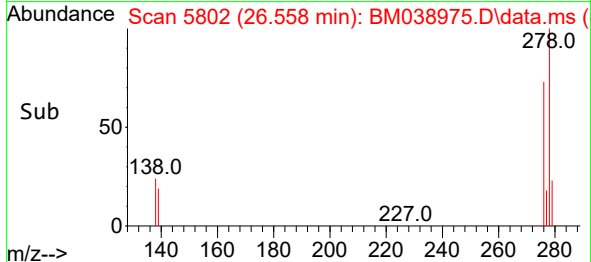
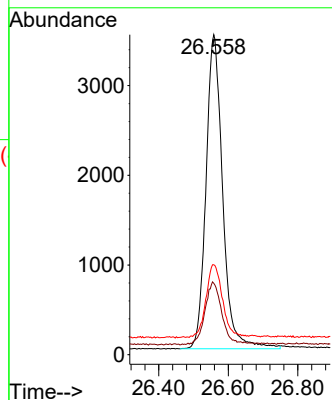
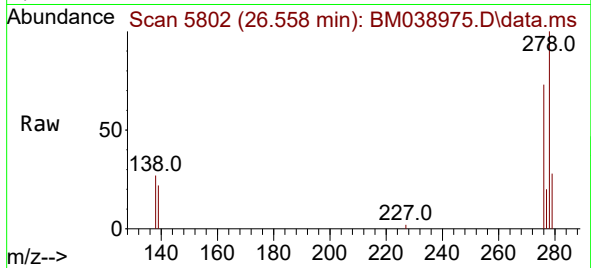




#28
Dibenzo(a,h)anthracene
Concen: 0.212 ng/ul
RT: 26.558 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

Instrument :
BNA_M
ClientSampleId :
SLCS313

Tgt Ion:278 Resp: 11679
Ion Ratio Lower Upper
278 100
139 22.3 16.0 24.0
279 28.1 21.8 32.6



#29
Benzo(g,h,i)perylene
Concen: 0.191 ng/ul
RT: 27.319 min Scan# 6029
Delta R.T. -0.007 min
Lab File: BM038975.D
Acq: 10 Mar 2023 11:19

Tgt Ion:276 Resp: 12842
Ion Ratio Lower Upper
276 100
138 27.1 20.2 30.4
277 25.4 19.8 29.8

