

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038954.D
 Acq On : 09 Mar 2023 21:09
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4076

Quant Time: Mar 10 03:54:04 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

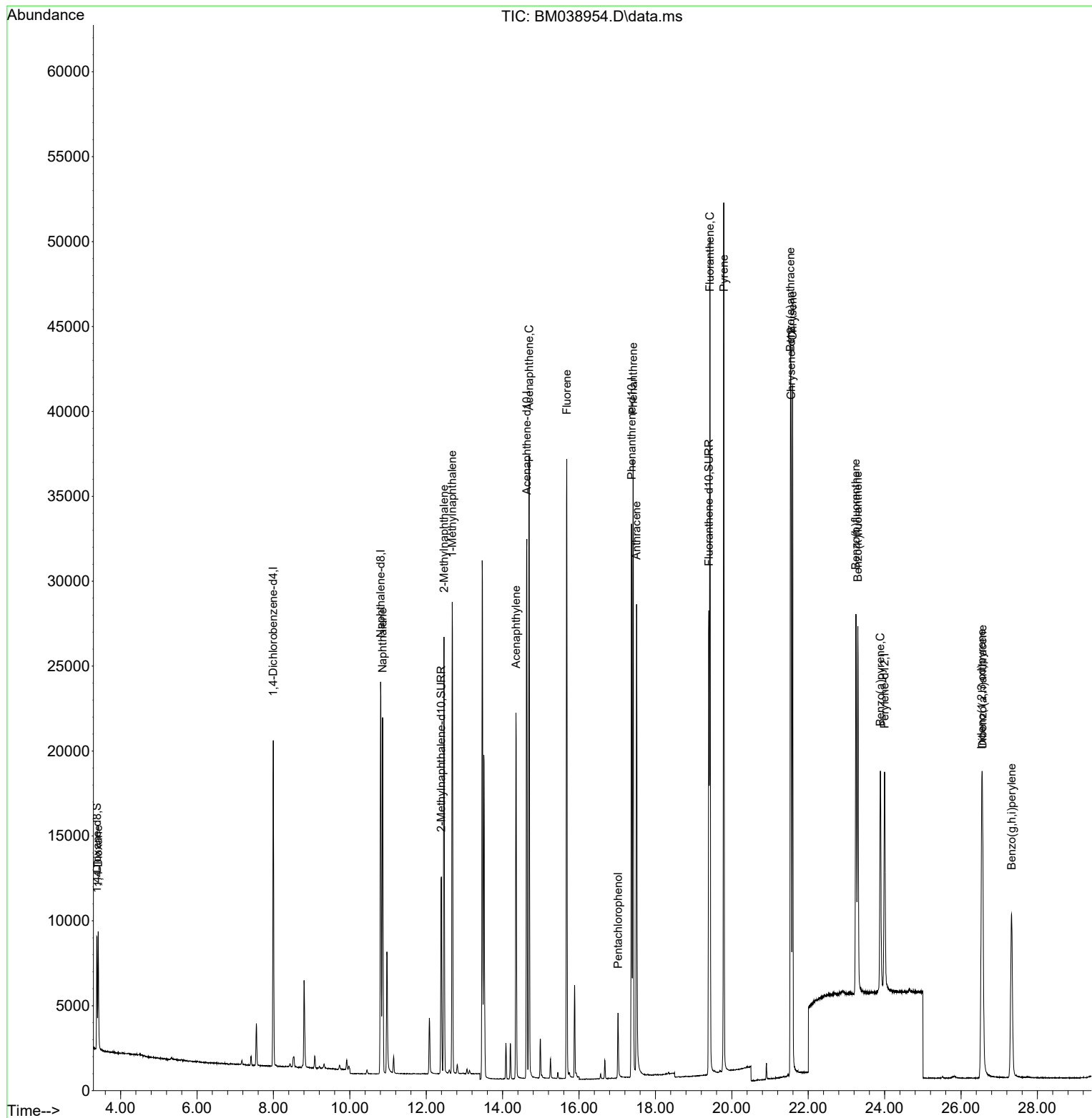
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	9301	0.400	ng/ul	0.00
4) Naphthalene-d8	10.806	136	30782	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	17756	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	37736	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	28557	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	18960	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	4306	0.409	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	15173	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	29730	0.437	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	4548	0.427	ng/ul	97
5) Naphthalene	10.855	128	28720	0.390	ng/ul	100
7) 2-Methylnaphthalene	12.466	142	17888	0.401	ng/ul	100
8) 1-Methylnaphthalene	12.681	142	18577	0.397	ng/ul	99
10) Acenaphthylene	14.350	152	24032	0.372	ng/ul	100
11) Acenaphthene	14.693	153	20257	0.381	ng/ul	97
12) Fluorene	15.678	166	23123	0.386	ng/ul	100
14) Pentachlorophenol	17.020	266	2837	0.312	ng/ul	98
15) Phenanthrene	17.417	178	37929	0.380	ng/ul	99
16) Anthracene	17.505	178	31578	0.384	ng/ul	99
19) Fluoranthene	19.426	202	40955	0.423	ng/ul	98
20) Pyrene	19.788	202	41261	0.415	ng/ul	99
21) Benzo(a)anthracene	21.535	228	32613	0.404	ng/ul	99
22) Chrysene	21.591	228	35688	0.367	ng/ul	99
24) Benzo(b)fluoranthene	23.248	252	30160	0.407	ng/ul	98
25) Benzo(k)fluoranthene	23.298	252	29259	0.395	ng/ul	98
26) Benzo(a)pyrene	23.888	252	22494	0.381	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.541	276	26142	0.350	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.561	278	20947	0.368	ng/ul	99
29) Benzo(g,h,i)perylene	27.323	276	22312	0.321	ng/ul	99

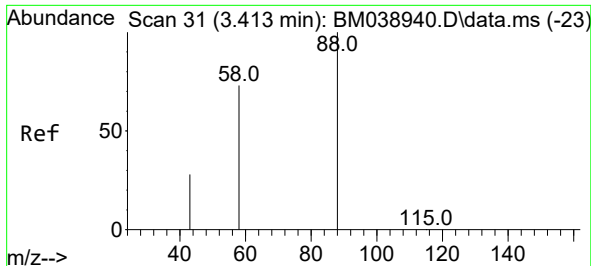
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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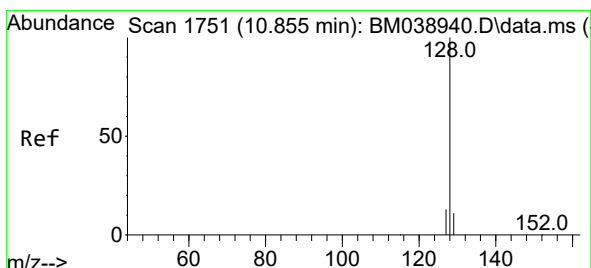
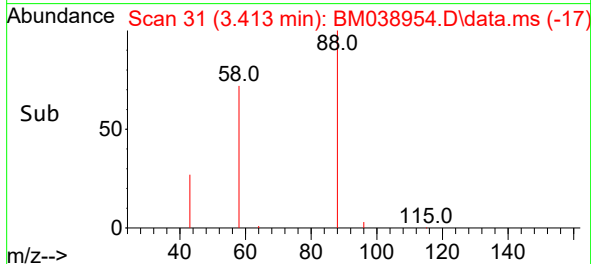
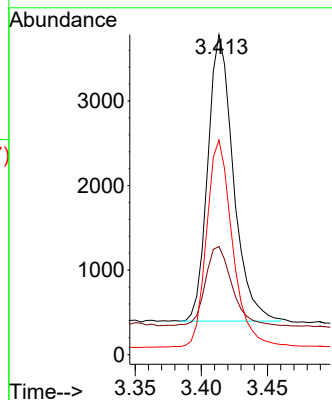
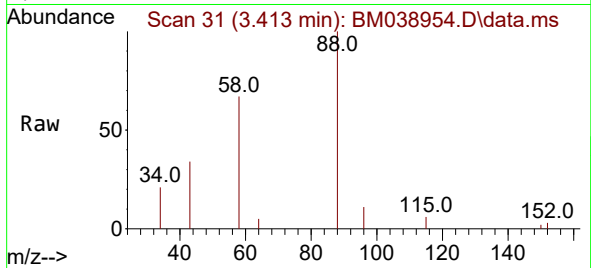




#2
1,4-Dioxane
Concen: 0.427 ng/ul
RT: 3.413 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

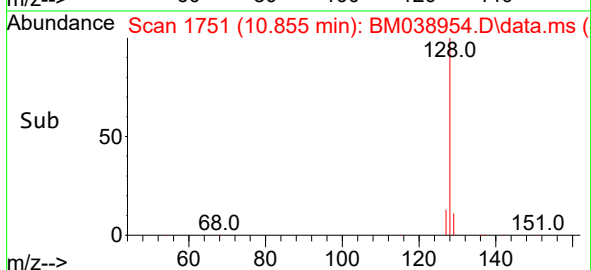
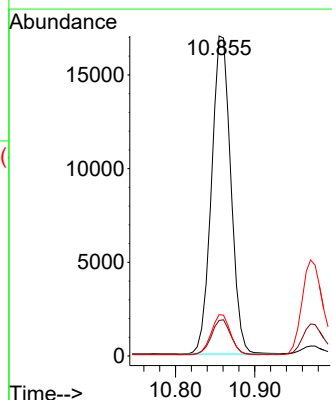
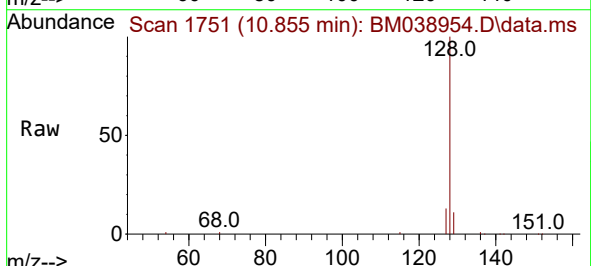
Instrument :
BNA_M
ClientSampleId :
SSTD0.4076

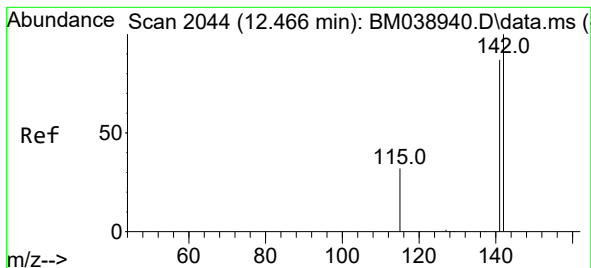
Tgt Ion: 88 Resp: 4548
Ion Ratio Lower Upper
88 100
43 33.8 27.2 40.8
58 67.1 50.8 76.2



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.855 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

Tgt Ion: 128 Resp: 28720
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.9 10.3 15.5

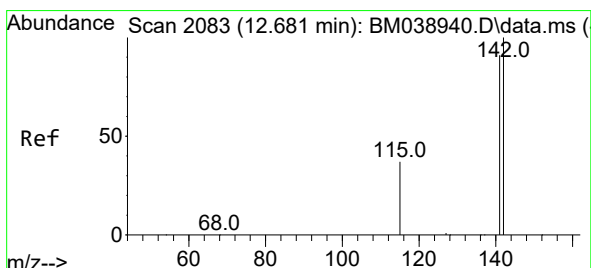
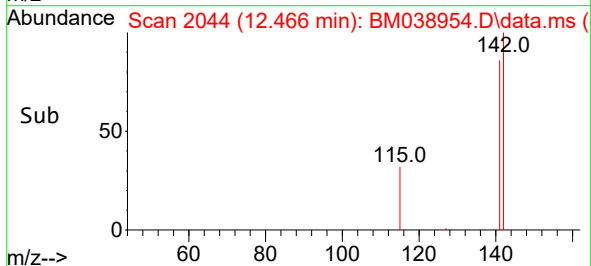
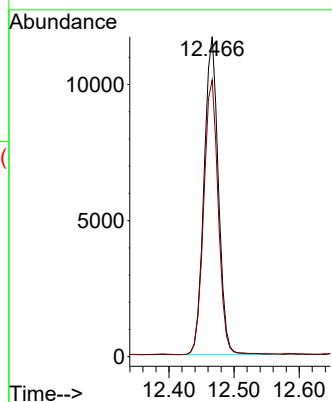
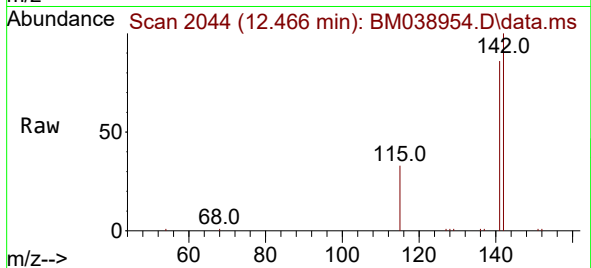




#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.466 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

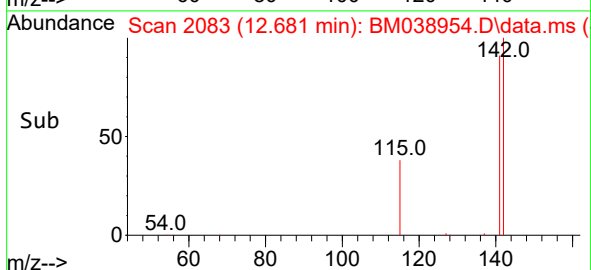
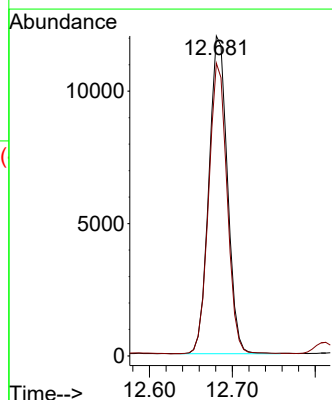
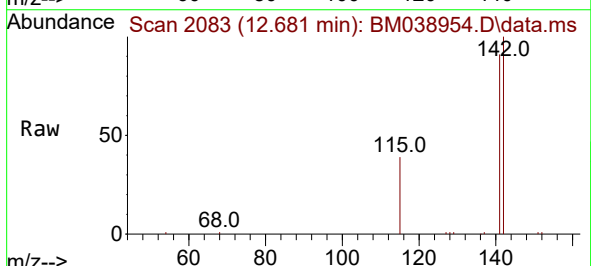
Instrument :
BNA_M
ClientSampleId :
SSTD0.4076

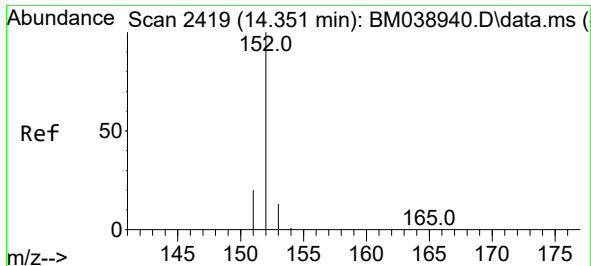
Tgt Ion:142 Resp: 17888
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.681 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

Tgt Ion:142 Resp: 18577
Ion Ratio Lower Upper
142 100
141 91.2 73.5 110.3

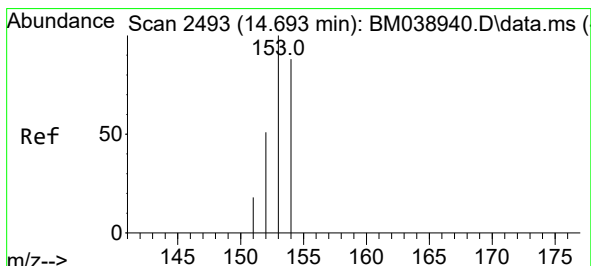
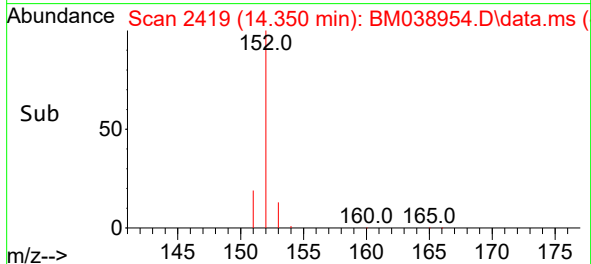
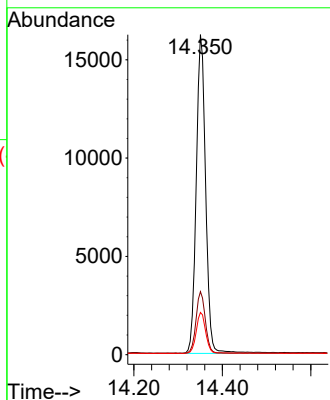
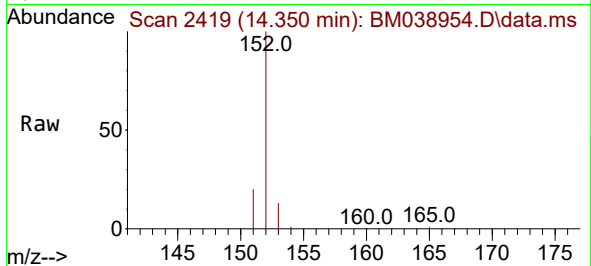




#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

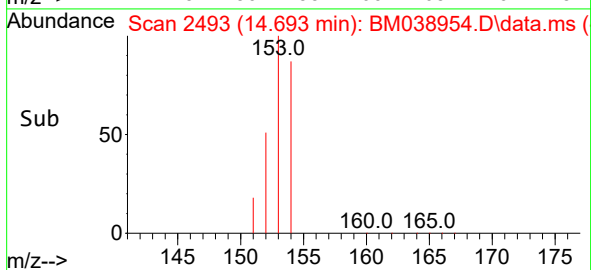
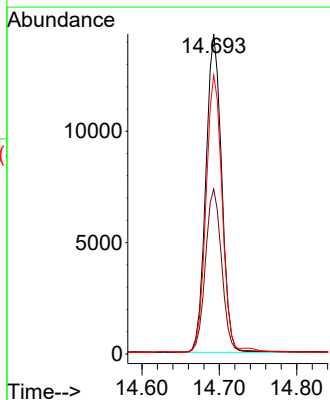
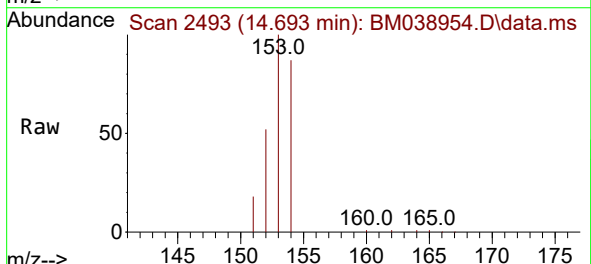
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BNA_M
ClientSampleId :
SSTD0.4076

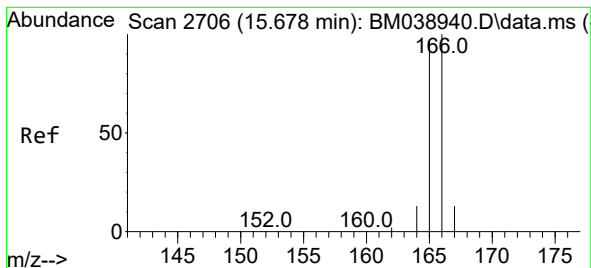
Tgt Ion:	152	Resp:	24032
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.6	23.4
153	13.2	10.6	15.8



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.693 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

Tgt Ion:	153	Resp:	20257
Ion Ratio	Lower	Upper	
153	100		
152	51.6	44.2	66.2
154	87.2	70.6	105.8





#12

Fluorene

Concen: 0.386 ng/ul

RT: 15.678 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038954.D

Acq: 09 Mar 2023 21:09

Instrument :

BNA_M

ClientSampleId :

SSTD0.4076

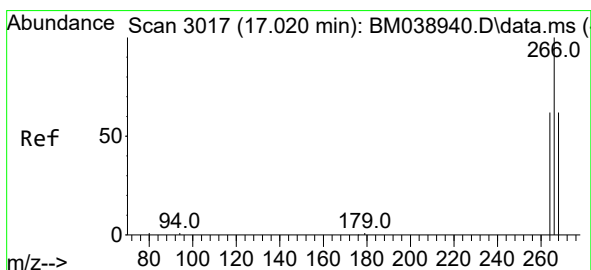
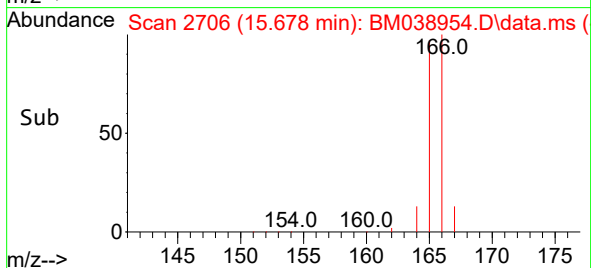
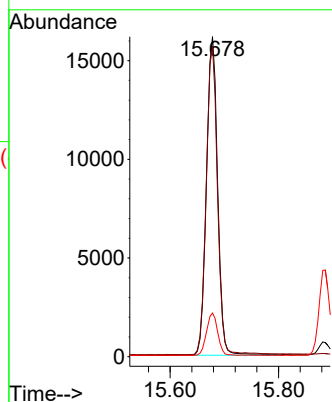
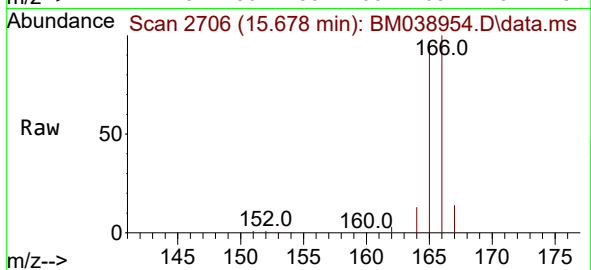
Tgt Ion:166 Resp: 23123

Ion Ratio Lower Upper

166 100

165 97.0 77.8 116.6

167 13.7 11.4 17.2



#14

Pentachlorophenol

Concen: 0.312 ng/ul

RT: 17.020 min Scan# 3017

Delta R.T. -0.000 min

Lab File: BM038954.D

Acq: 09 Mar 2023 21:09

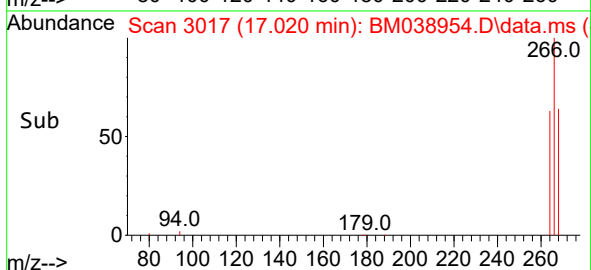
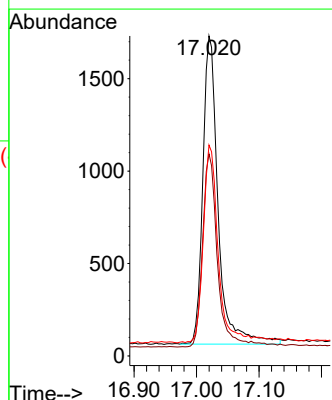
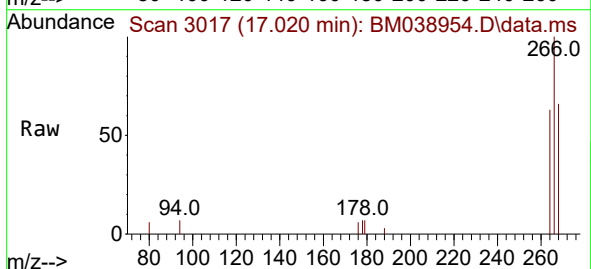
Tgt Ion:266 Resp: 2837

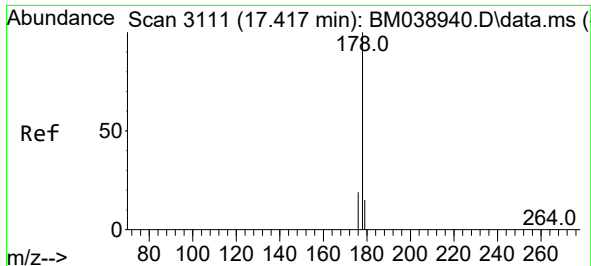
Ion Ratio Lower Upper

266 100

264 61.7 50.2 75.2

268 64.2 50.2 75.4

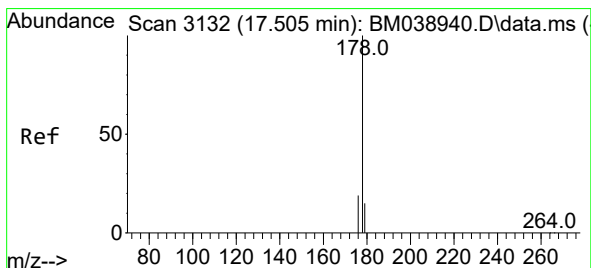
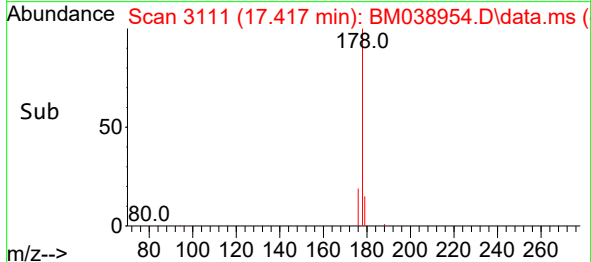
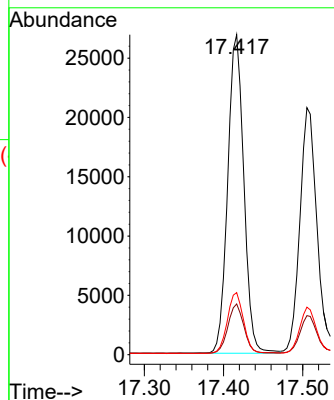
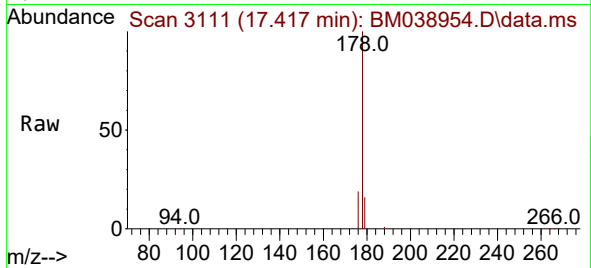




#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

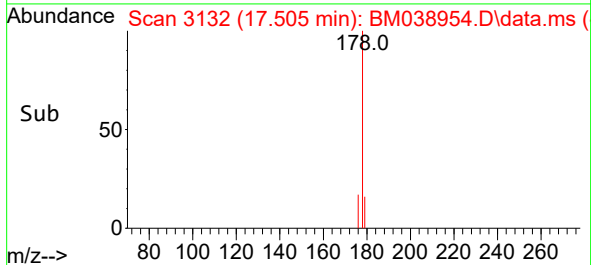
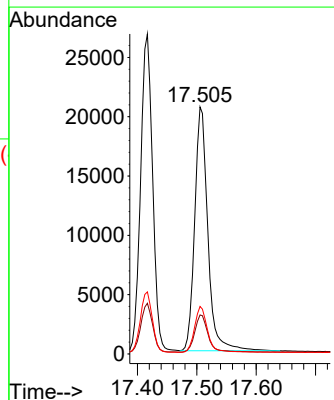
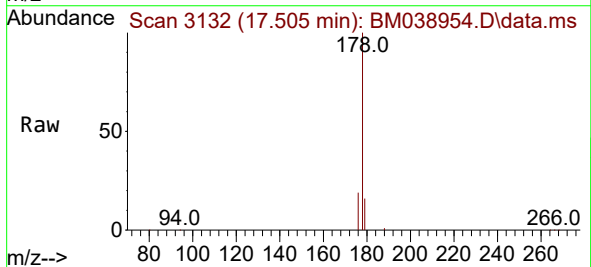
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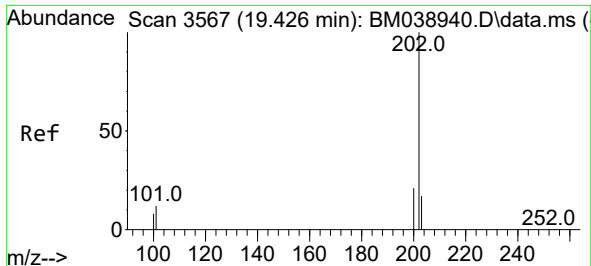
Tgt Ion:178 Resp: 37929
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.4 15.9 23.9



#16
Anthracene
Concen: 0.384 ng/ul
RT: 17.505 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

Tgt Ion:178 Resp: 31578
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.2 15.4 23.2

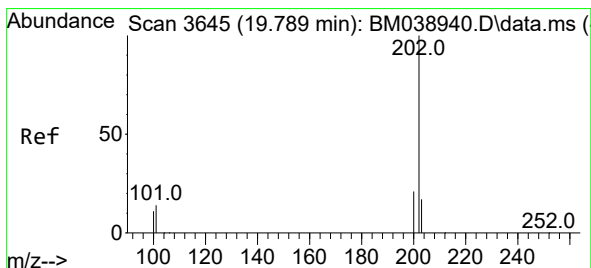
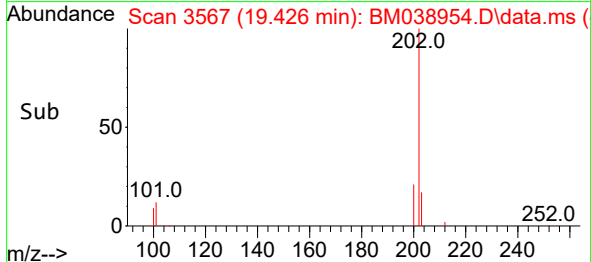
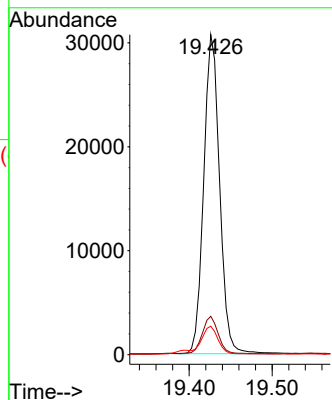
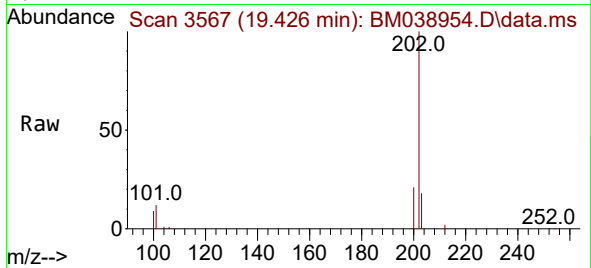




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.426 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

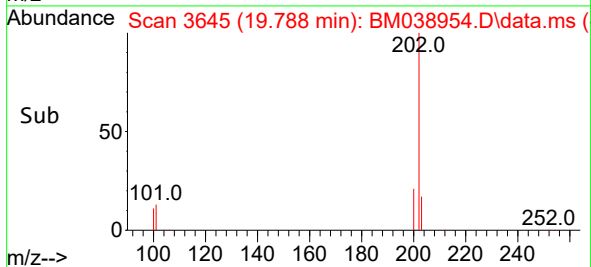
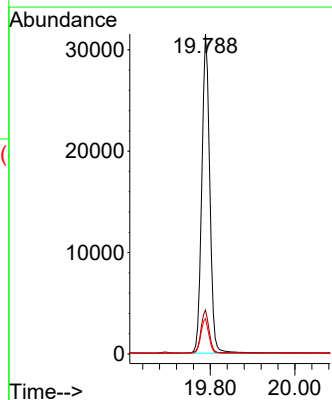
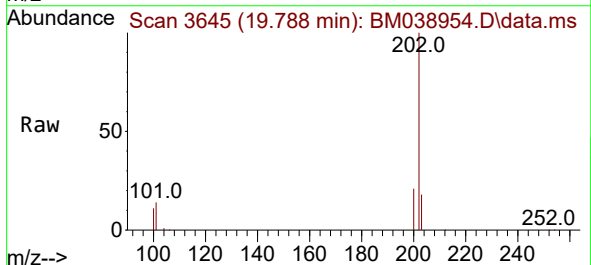
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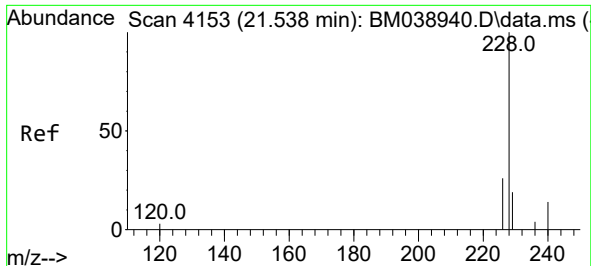
Tgt Ion:202 Resp: 40955
Ion Ratio Lower Upper
202 100
101 12.0 8.9 13.3
100 8.9 6.8 10.2



#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.788 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

Tgt Ion:202 Resp: 41261
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 11.1 9.0 13.6

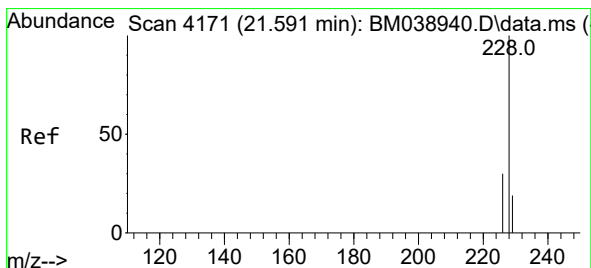
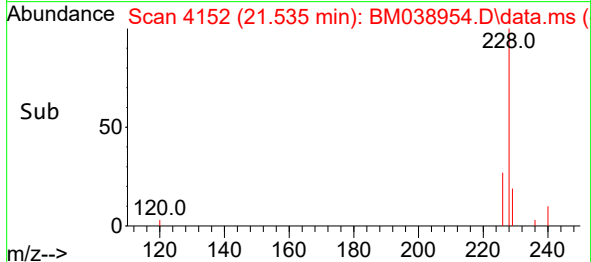
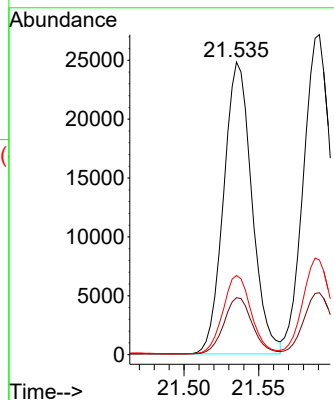
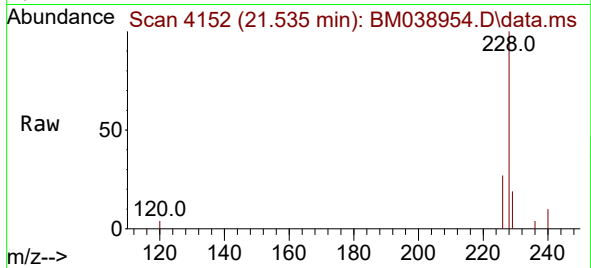




#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.535 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

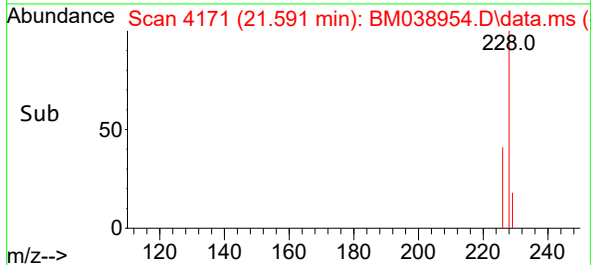
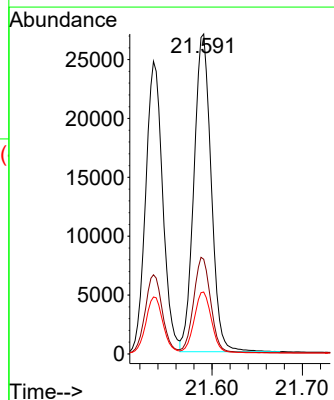
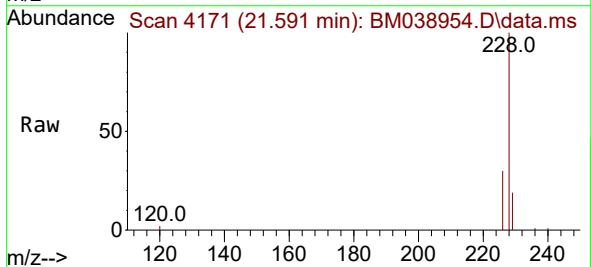
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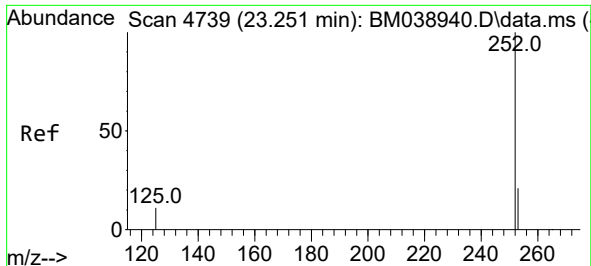
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Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.1 22.0 33.0



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.591 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

Tgt Ion:228 Resp: 35688
Ion Ratio Lower Upper
228 100
226 29.6 24.0 36.0
229 19.4 15.7 23.5

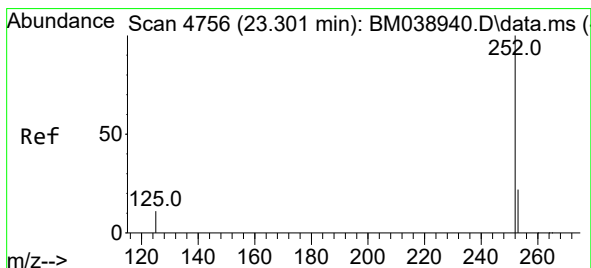
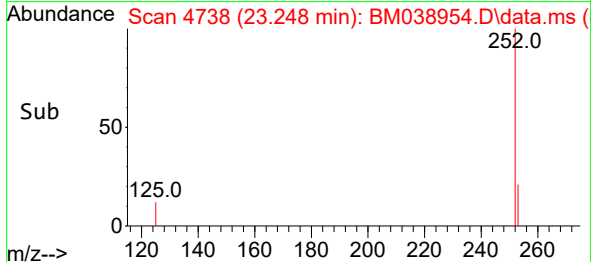
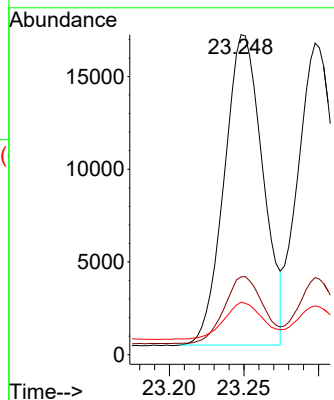
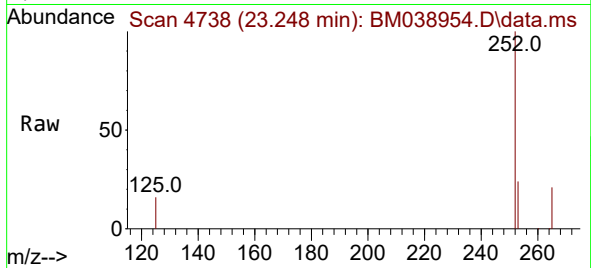




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 23.248 min Scan# 4738
Delta R.T. -0.003 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

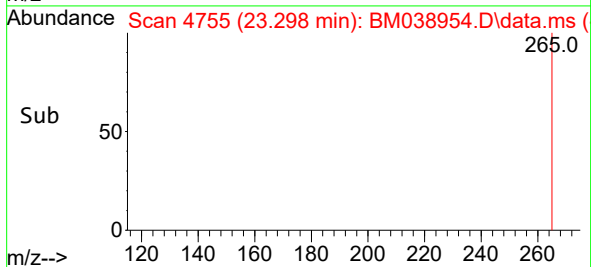
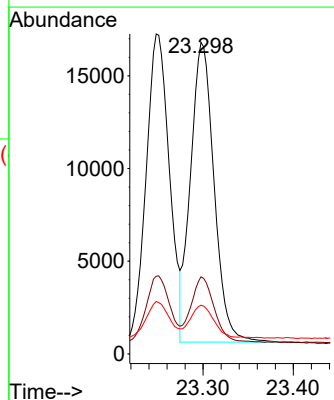
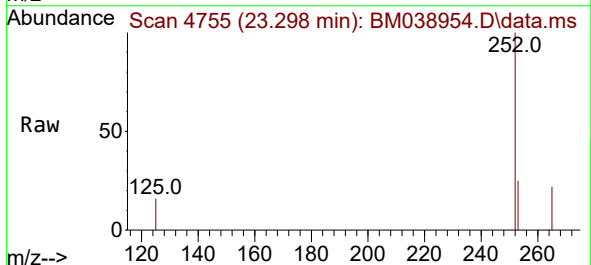
Instrument :
BNA_M
ClientSampleId :
SSTD0.4076

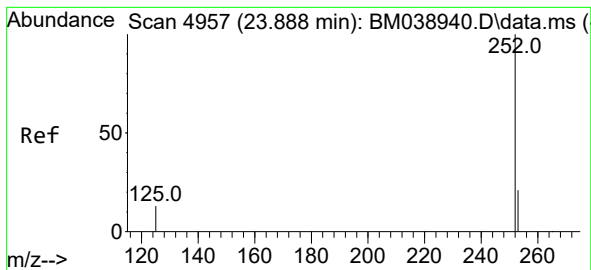
Tgt Ion:252 Resp: 30160
Ion Ratio Lower Upper
252 100
253 24.3 0.0 47.6
125 16.4 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul
RT: 23.298 min Scan# 4755
Delta R.T. -0.003 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

Tgt Ion:252 Resp: 29259
Ion Ratio Lower Upper
252 100
253 24.8 19.2 28.8
125 15.7 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.381 ng/ul

RT: 23.888 min Scan# 4957

Delta R.T. -0.000 min

Lab File: BM038954.D

Acq: 09 Mar 2023 21:09

Instrument :

BNA_M

ClientSampleId :

SSTD0.4076

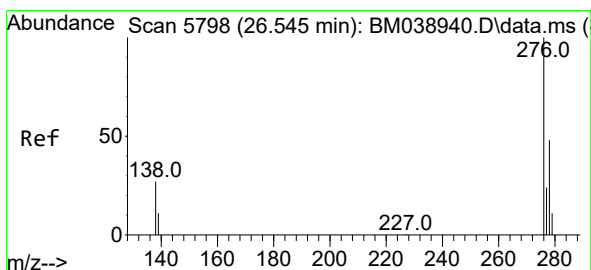
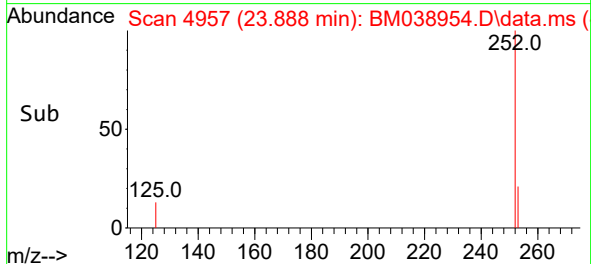
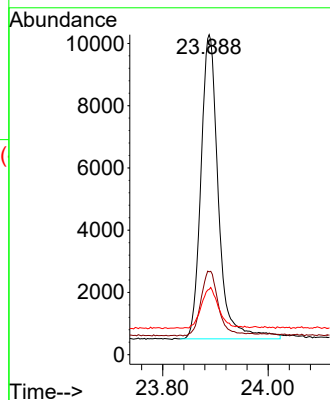
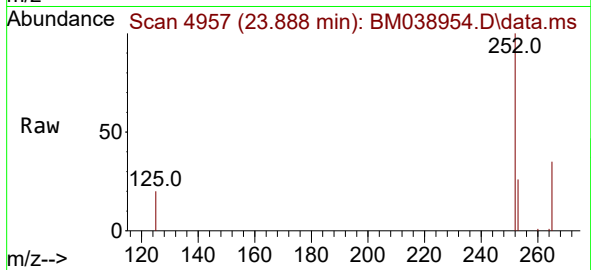
Tgt Ion:252 Resp: 22494

Ion Ratio Lower Upper

252 100

253 25.9 20.3 30.5

125 20.4 14.0 21.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.350 ng/ul

RT: 26.541 min Scan# 5797

Delta R.T. -0.004 min

Lab File: BM038954.D

Acq: 09 Mar 2023 21:09

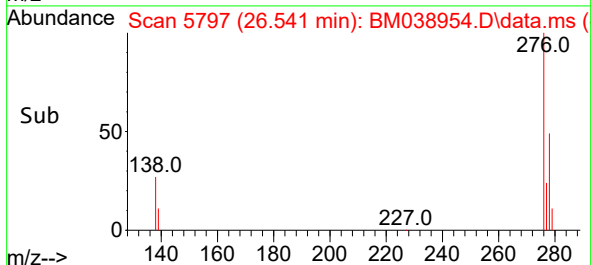
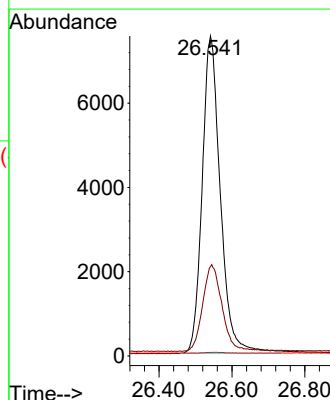
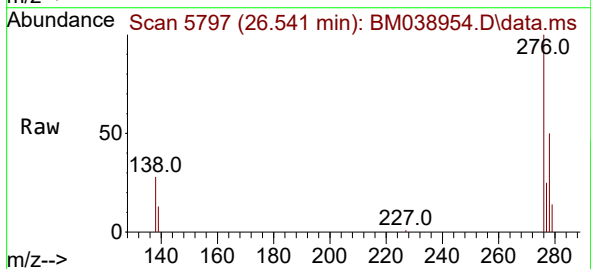
Tgt Ion:276 Resp: 26142

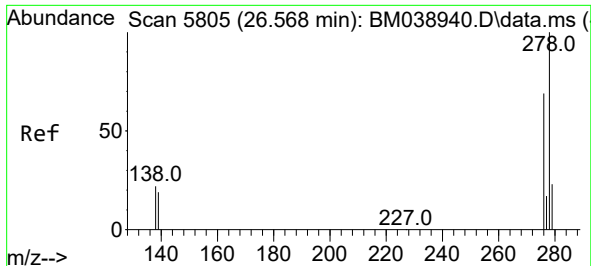
Ion Ratio Lower Upper

276 100

138 28.8 22.2 33.4

227 0.1 0.2 0.2#

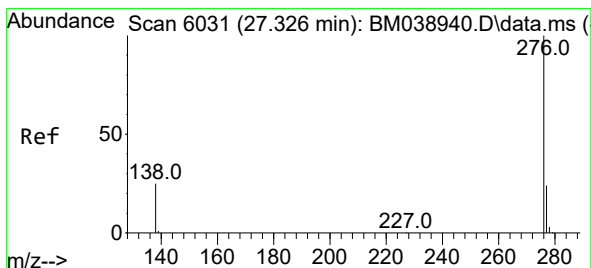
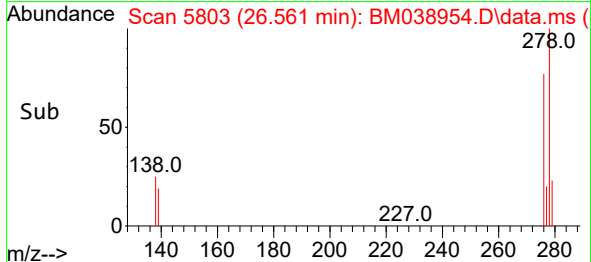
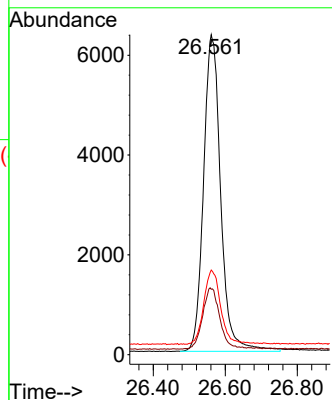
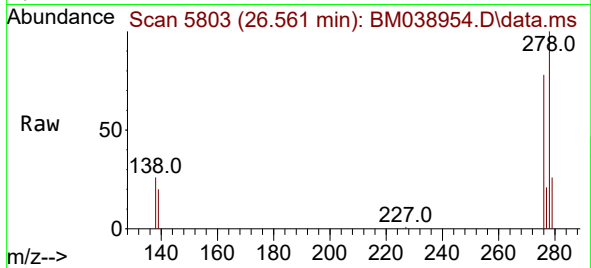




#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 26.561 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.4076

Tgt Ion:278 Resp: 20947
Ion Ratio Lower Upper
278 100
139 20.5 16.0 24.0
279 26.5 21.8 32.6



#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 27.323 min Scan# 6030
Delta R.T. -0.003 min
Lab File: BM038954.D
Acq: 09 Mar 2023 21:09

Tgt Ion:276 Resp: 22312
Ion Ratio Lower Upper
276 100
138 26.0 20.2 30.4
277 24.8 19.8 29.8

