

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
 Data File : BM037223.D
 Acq On : 25 Oct 2022 11:55
 Operator : CG/JU
 Sample : N5144-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 07:31:53 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

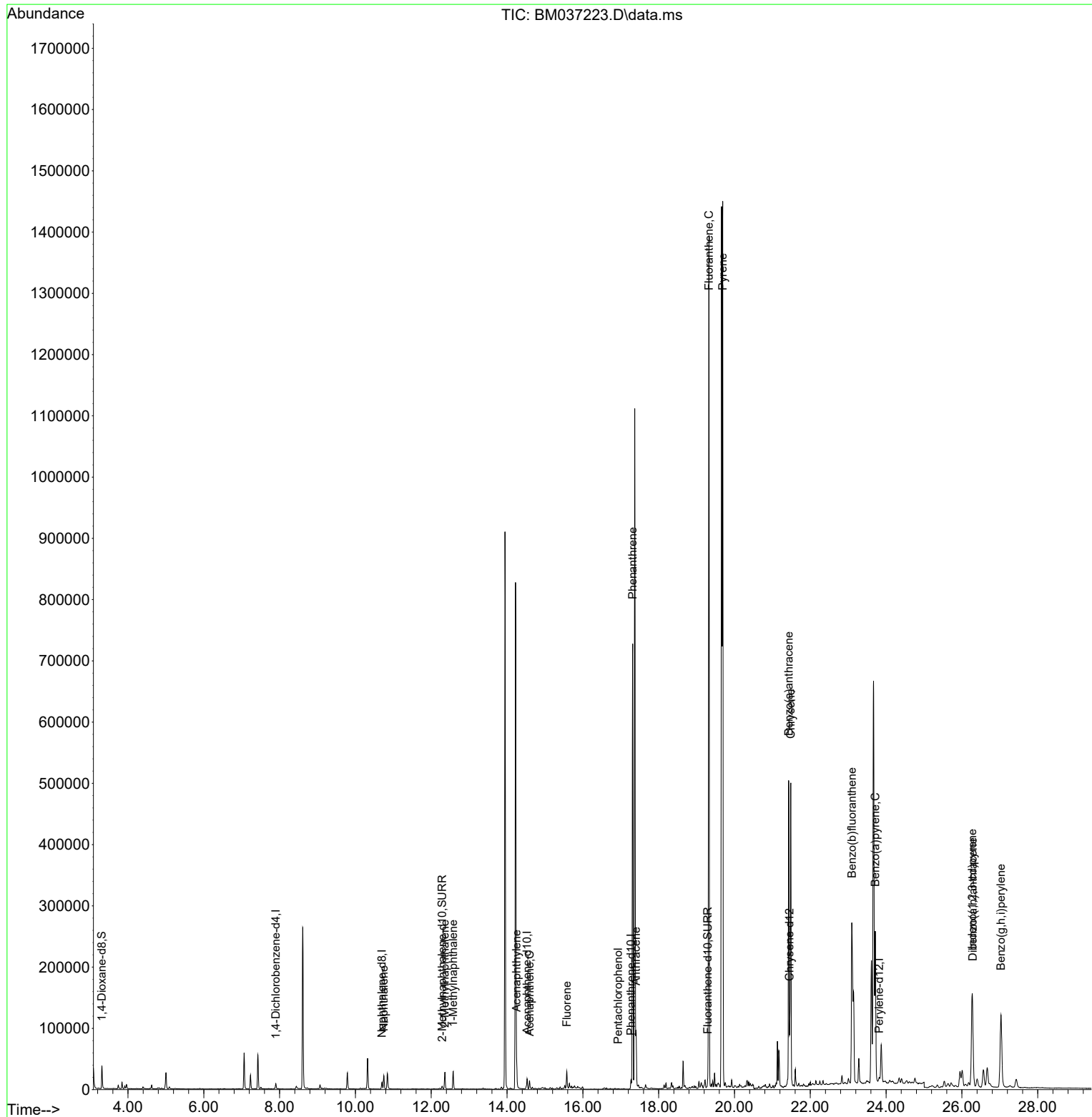
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4548	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14445	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	8482	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	17759	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	12853	0.400	ng/ul	0.00
23) Perylene-d12	23.817	264	10211	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	24036	4.335	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	6052	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.293	212	14738	0.379	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	28632	0.669	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	19454	0.759	ng/ul	97
8) 1-Methylnaphthalene	12.580	142	19811	0.758	ng/ul	100
10) Acenaphthylene	14.251	152	46654	1.280	ng/ul	99
11) Acenaphthene	14.594	153	7985	0.242	ng/ul	99
12) Fluorene	15.574	166	17309	0.449	ng/ul	98
14) Pentachlorophenol	16.925	266	119	0.028	ng/ul	97
15) Phenanthrene	17.313	178	734946	12.259	ng/ul	98
16) Anthracene	17.402	178	90798	1.912	ng/ul	99
19) Fluoranthene	19.326	202	1174589	21.037	ng/ul	96
20) Pyrene	19.688	202	1158242	20.462	ng/ul	98
21) Benzo(a)anthracene	21.429	228	406723	8.154	ng/ul	98
22) Chrysene	21.485	228	456923	7.961	ng/ul	98
24) Benzo(b)fluoranthene	23.095	252	467588	8.645	ng/ul	92
26) Benzo(a)pyrene	23.712	252	344079	7.923	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.272	276	264299	4.357	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.282	278	67270	1.405	ng/ul	99
29) Benzo(g,h,i)perylene	27.030	276	259417	4.862	ng/ul	96

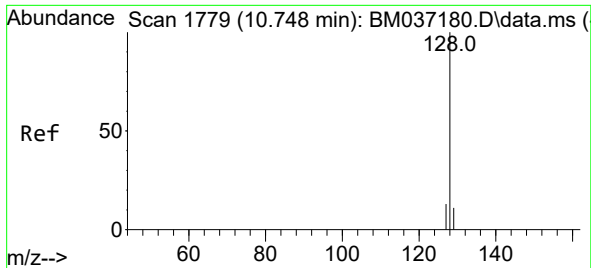
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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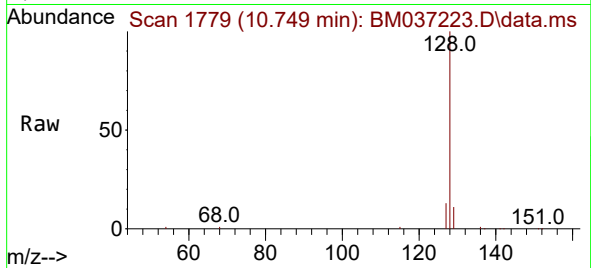
Quant Time: Oct 26 07:31:53 2022
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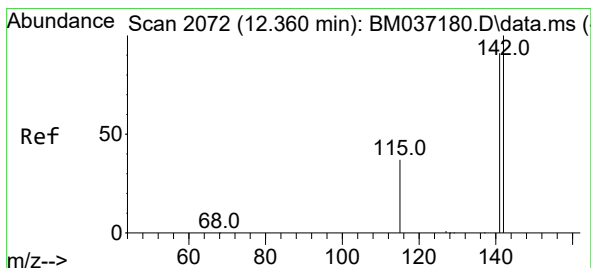
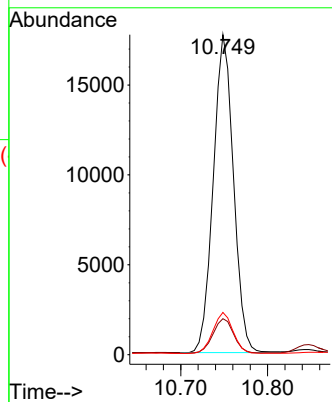
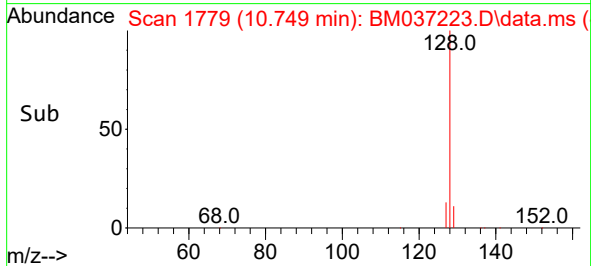


#5
Naphthalene
Concen: 0.669 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

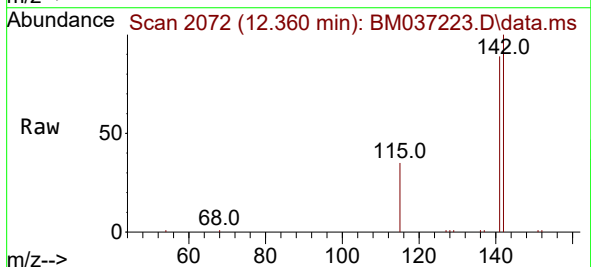
Instrument :
BNA_M
ClientSampleId :



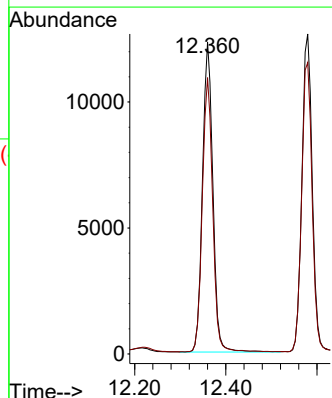
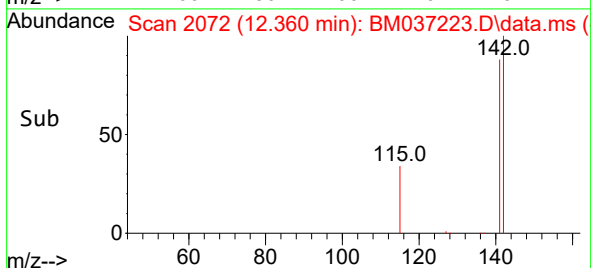
Tgt Ion:128 Resp: 28632
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.2 10.5 15.7

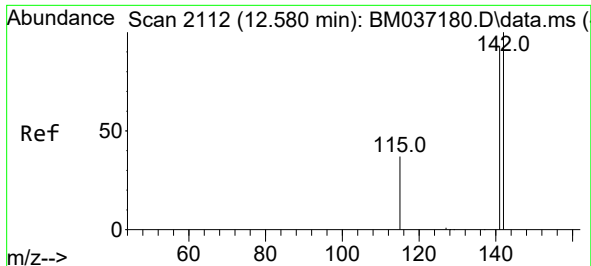


#7
2-Methylnaphthalene
Concen: 0.759 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55



Tgt Ion:142 Resp: 19454
Ion Ratio Lower Upper
142 100
141 88.5 72.8 109.2

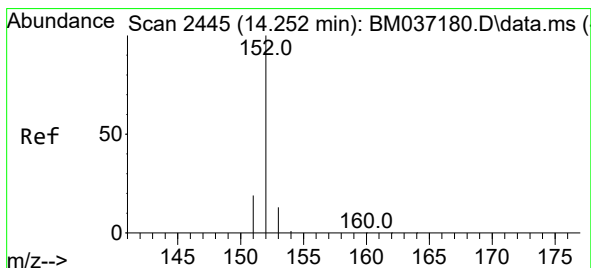
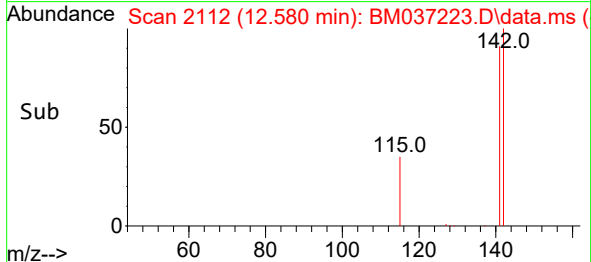
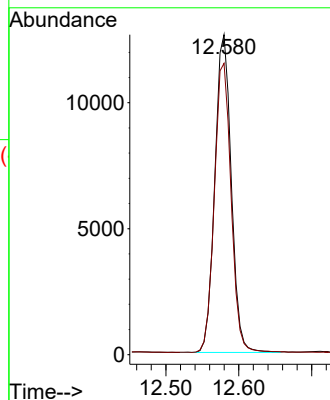
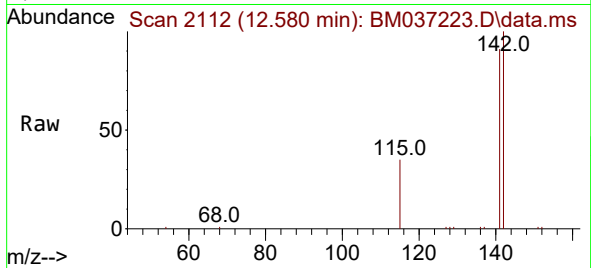




#8
1-Methylnaphthalene
Concen: 0.758 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

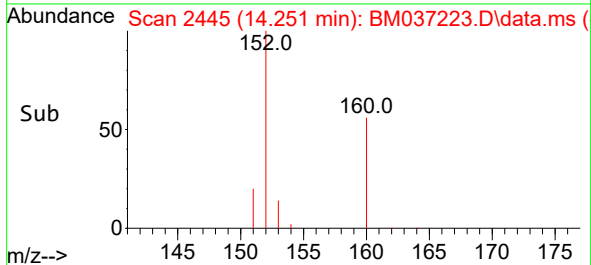
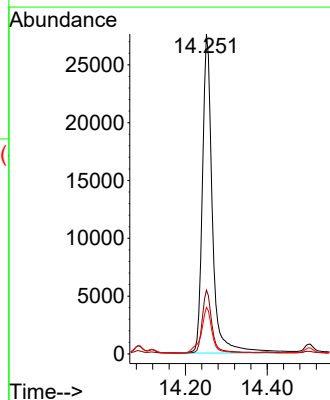
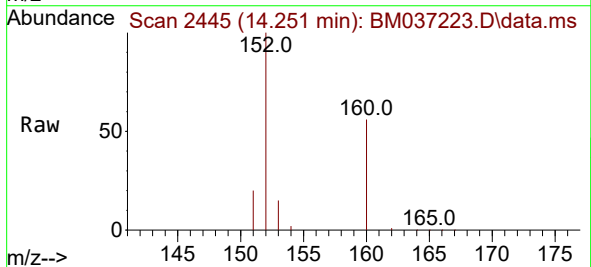
Instrument :
BNA_M
ClientSampleId :

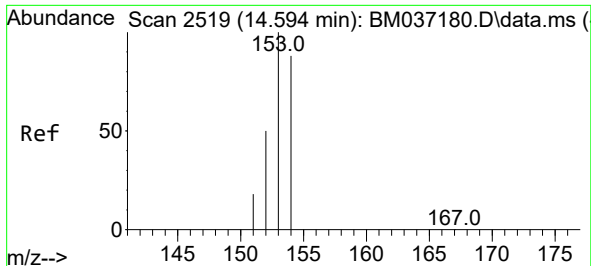
Tgt Ion:142 Resp: 19811
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4



#10
Acenaphthylene
Concen: 1.280 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

Tgt Ion:152 Resp: 46654
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 14.6 10.8 16.2

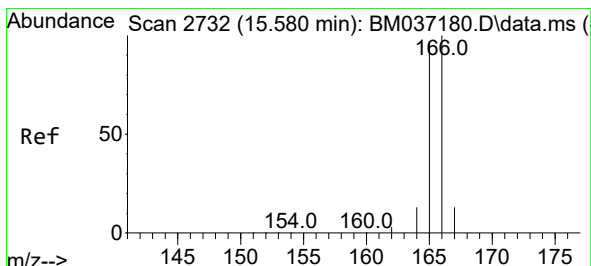
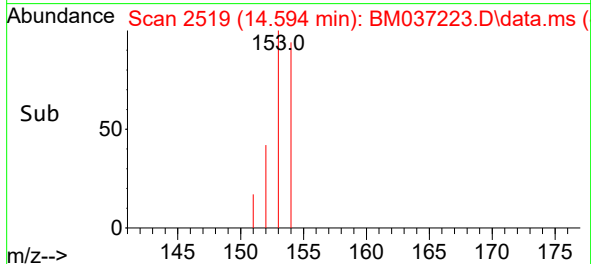
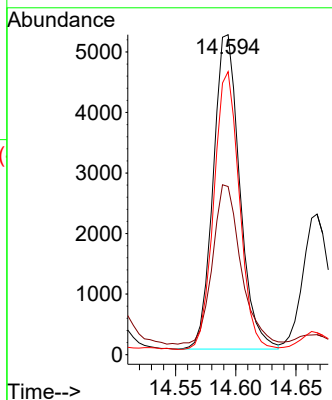
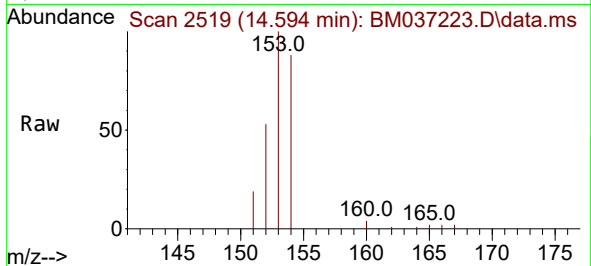




#11
Acenaphthene
Concen: 0.242 ng/ul
RT: 14.594 min Scan# 211
Delta R.T. -0.001 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

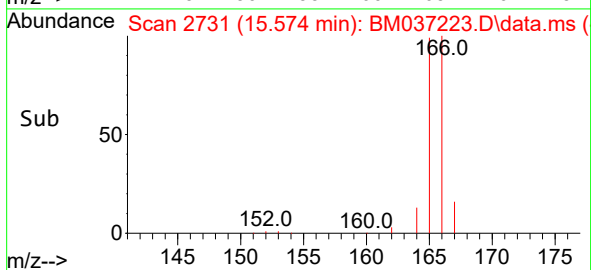
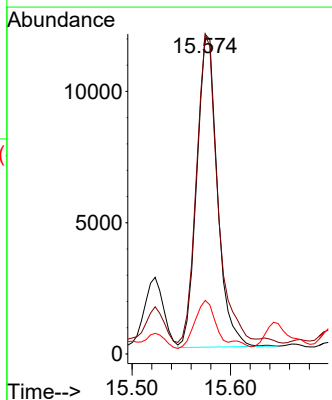
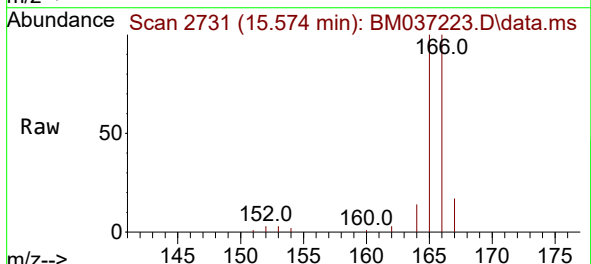
Instrument :
BNA_M
ClientSampleId :

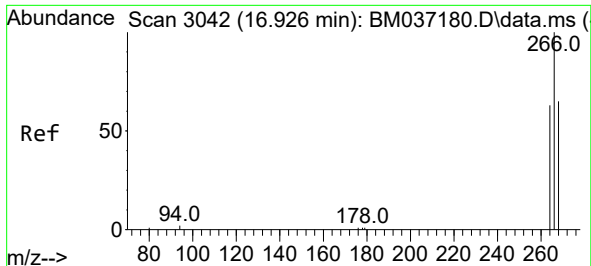
Tgt Ion:153 Resp: 7985
Ion Ratio Lower Upper
153 100
152 52.5 43.3 64.9
154 88.4 70.0 105.0



#12
Fluorene
Concen: 0.449 ng/ul
RT: 15.574 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

Tgt Ion:166 Resp: 17309
Ion Ratio Lower Upper
166 100
165 100.1 79.4 119.2
167 16.8 11.3 16.9

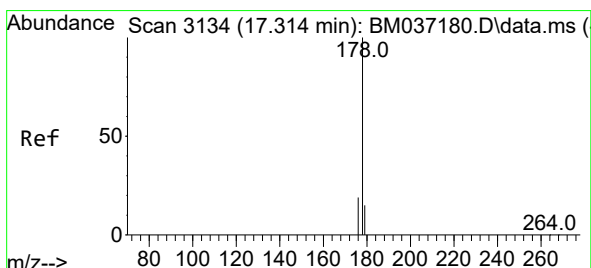
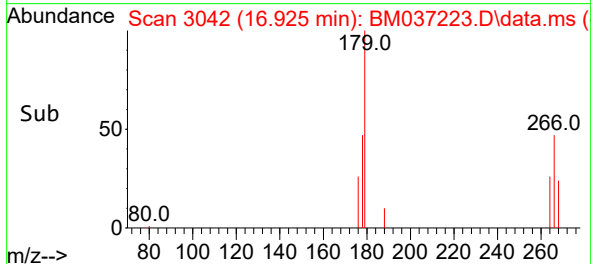
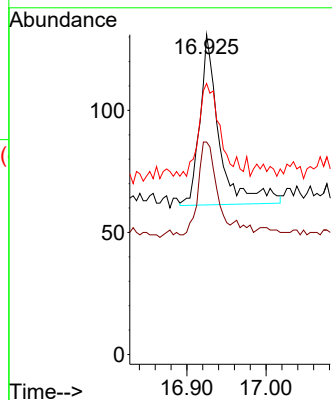
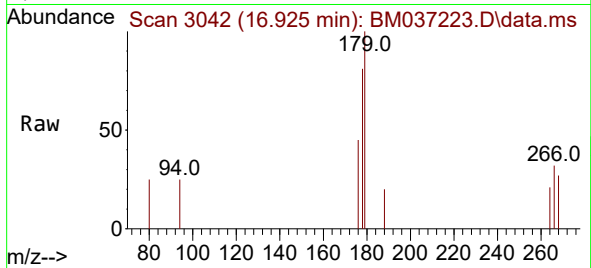




#14
 Pentachlorophenol
 Concen: 0.028 ng/ul
 RT: 16.925 min Scan# 3042
 Delta R.T. -0.001 min
 Lab File: BM037223.D
 Acq: 25 Oct 2022 11:55

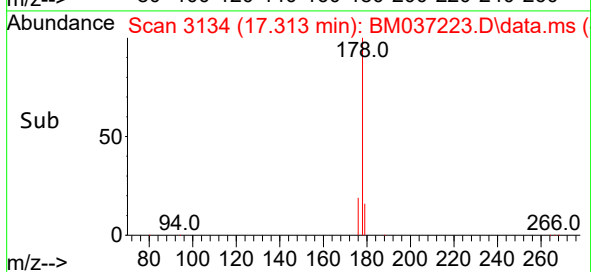
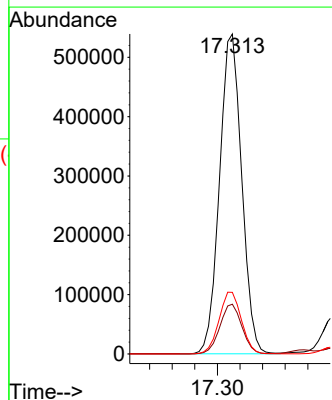
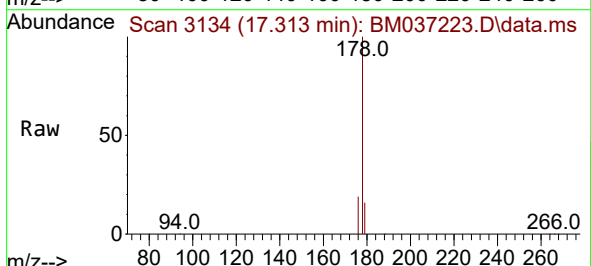
Instrument :
 BNA_M
 ClientSampleId :

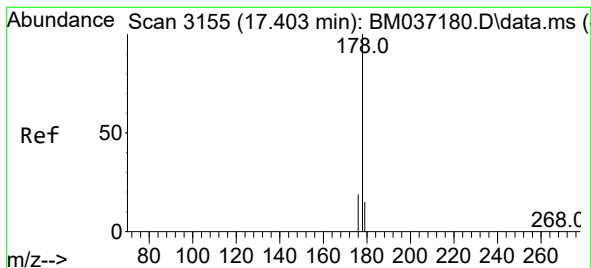
Tgt Ion:266 Resp: 119
 Ion Ratio Lower Upper
 266 100
 264 58.8 49.4 74.0
 268 61.3 50.5 75.7



#15
 Phenanthrene
 Concen: 12.259 ng/ul
 RT: 17.313 min Scan# 3134
 Delta R.T. -0.001 min
 Lab File: BM037223.D
 Acq: 25 Oct 2022 11:55

Tgt Ion:178 Resp: 734946
 Ion Ratio Lower Upper
 178 100
 179 15.5 13.0 19.6
 176 19.3 16.1 24.1





#16

Anthracene

Concen: 1.912 ng/ul

RT: 17.402 min Scan# 3155

Delta R.T. -0.001 min

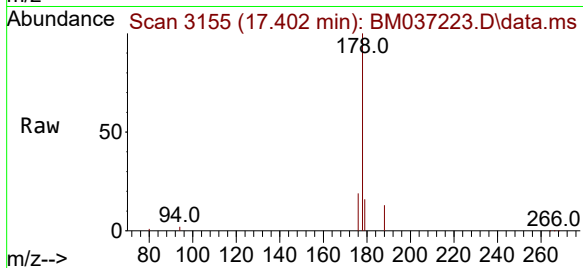
Lab File: BM037223.D

Acq: 25 Oct 2022 11:55

Instrument :

BNA_M

ClientSampleId :



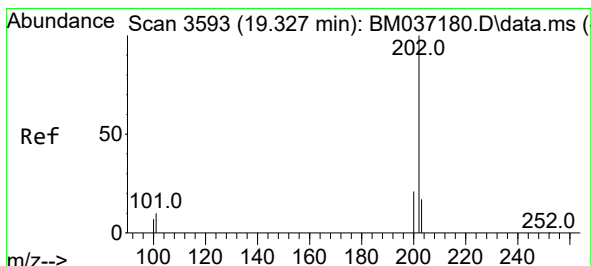
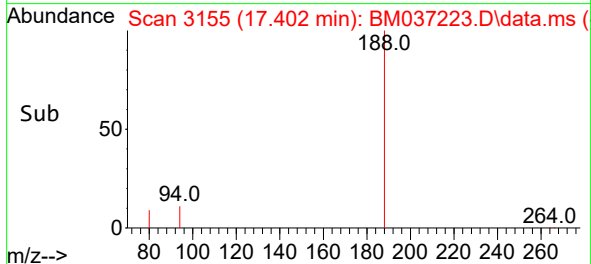
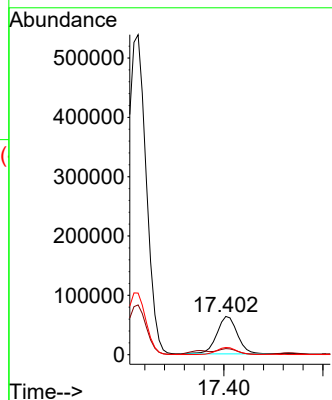
Tgt Ion:178 Resp: 90798

Ion Ratio Lower Upper

178 100

179 15.9 13.1 19.7

176 18.9 15.3 22.9



#19

Fluoranthene

Concen: 21.037 ng/ul

RT: 19.326 min Scan# 3593

Delta R.T. -0.001 min

Lab File: BM037223.D

Acq: 25 Oct 2022 11:55

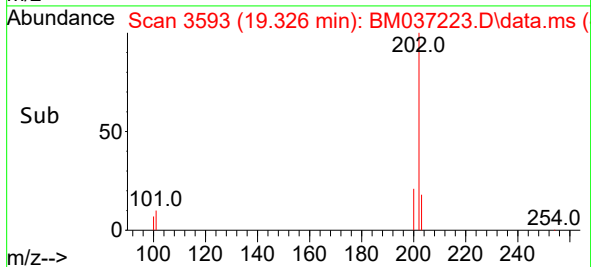
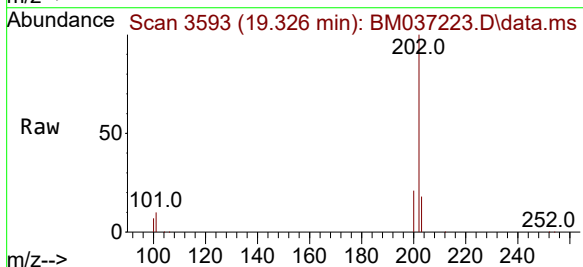
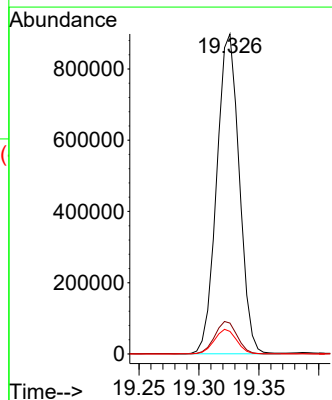
Tgt Ion:202 Resp: 1174589

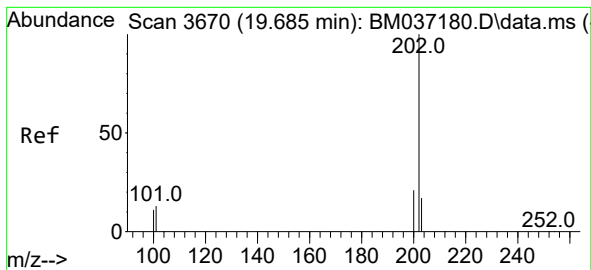
Ion Ratio Lower Upper

202 100

101 9.6 8.9 13.3

100 7.1 6.9 10.3





#20

Pyrene

Concen: 20.462 ng/ul

RT: 19.688 min Scan# 3

Delta R.T. 0.003 min

Lab File: BM037223.D

Acq: 25 Oct 2022 11:55

Instrument :

BNA_M

ClientSampleId :

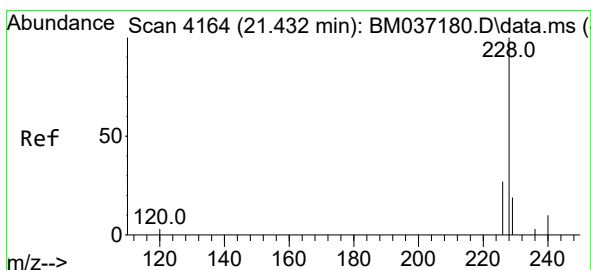
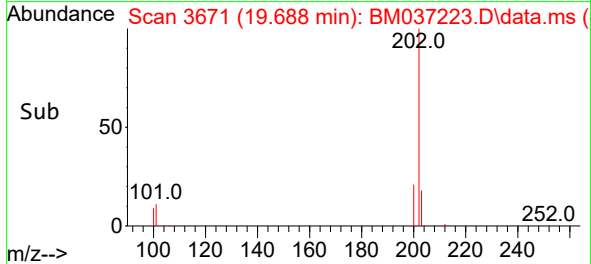
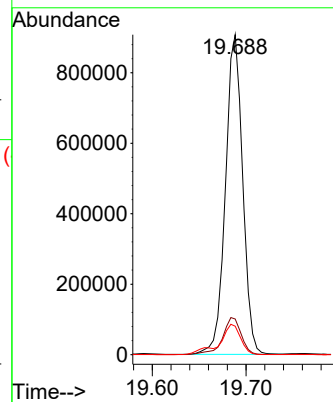
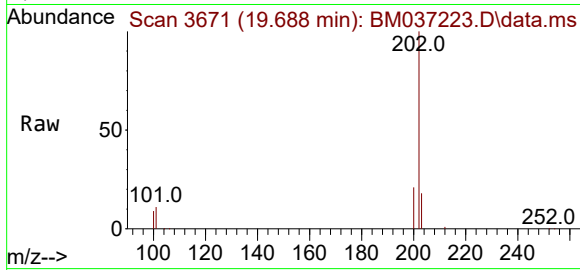
Tgt Ion:202 Resp: 1158242

Ion Ratio Lower Upper

202 100

101 11.2 9.7 14.5

100 8.9 7.8 11.8



#21

Benzo(a)anthracene

Concen: 8.154 ng/ul

RT: 21.429 min Scan# 4163

Delta R.T. -0.002 min

Lab File: BM037223.D

Acq: 25 Oct 2022 11:55

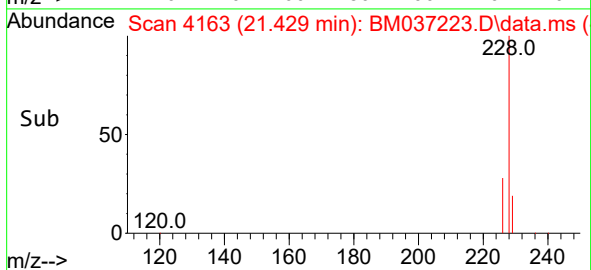
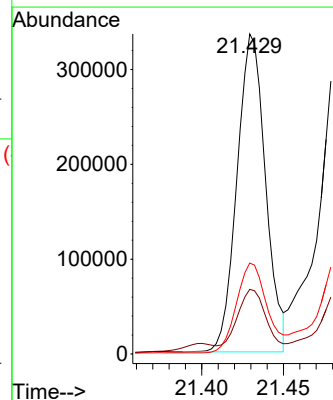
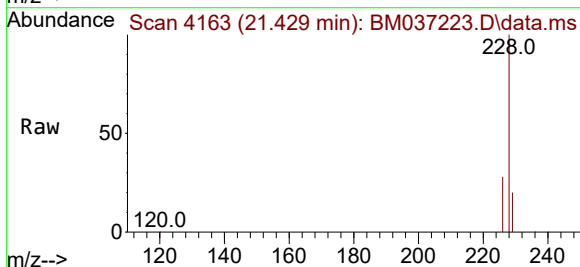
Tgt Ion:228 Resp: 406723

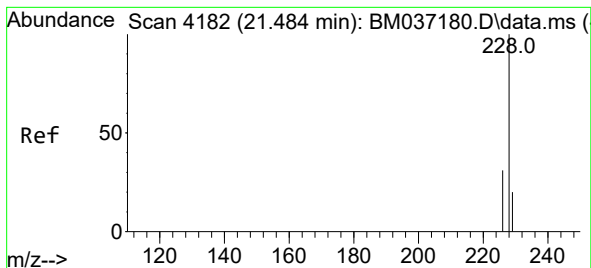
Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.6

226 28.4 21.8 32.8





#22

Chrysene

Concen: 7.961 ng/ul

RT: 21.485 min Scan# 4182

Delta R.T. 0.001 min

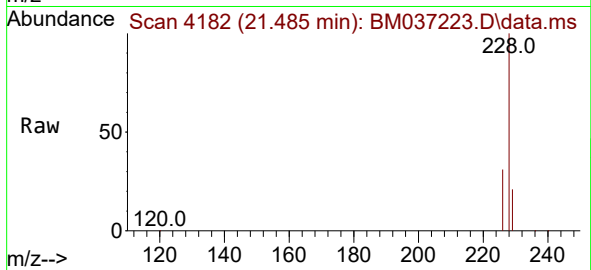
Lab File: BM037223.D

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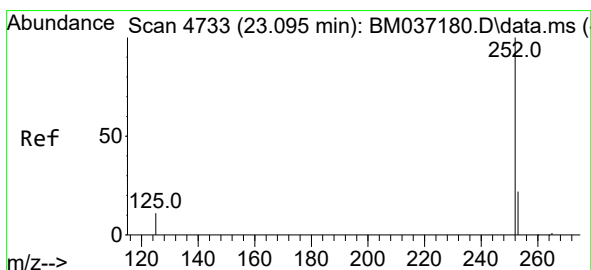
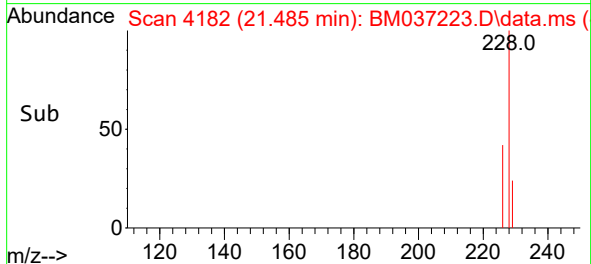
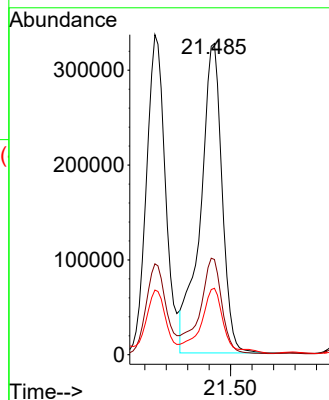
Tgt Ion:228 Resp: 456923

Ion Ratio Lower Upper

228 100

226 30.6 24.8 37.2

229 21.4 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 8.645 ng/ul

RT: 23.095 min Scan# 4733

Delta R.T. 0.001 min

Lab File: BM037223.D

Acq: 25 Oct 2022 11:55

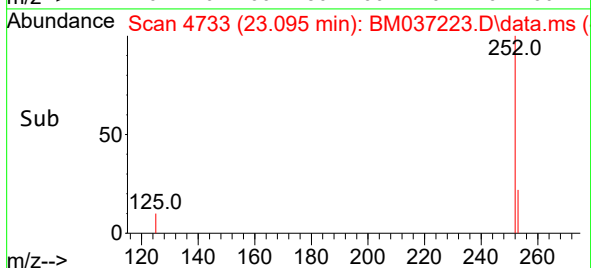
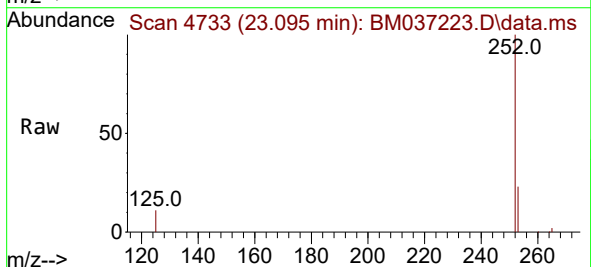
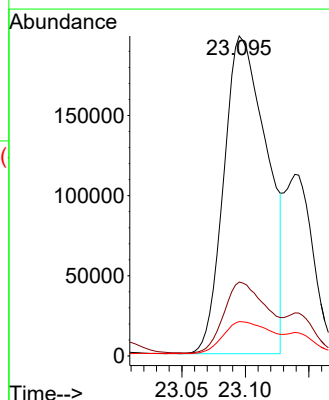
Tgt Ion:252 Resp: 467588

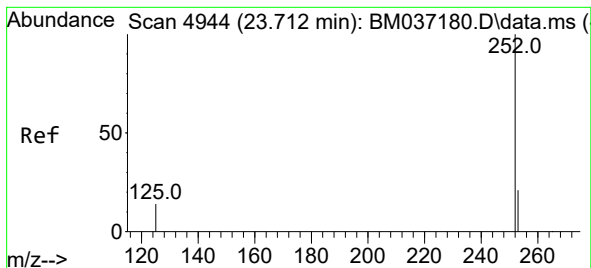
Ion Ratio Lower Upper

252 100

253 23.1 0.0 50.6

125 10.8 0.0 32.6





#26

Benzo(a)pyrene

Concen: 7.923 ng/ul

RT: 23.712 min Scan# 4944

Delta R.T. 0.001 min

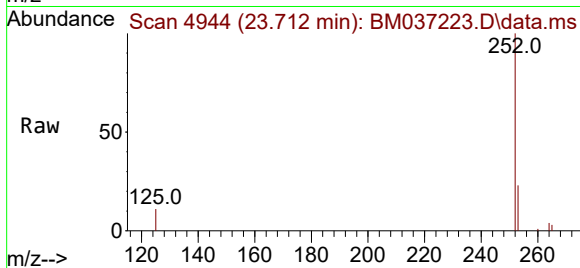
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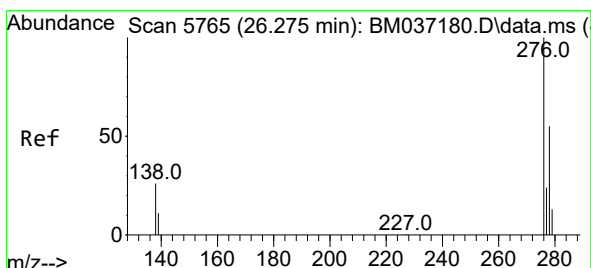
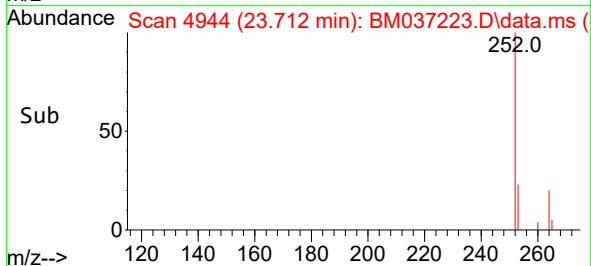
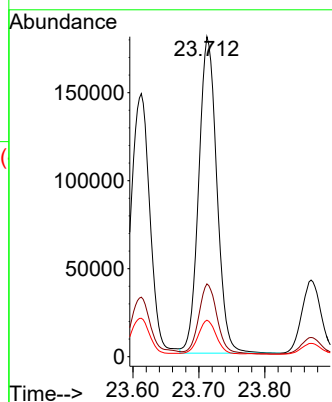
Tgt Ion:252 Resp: 344079

Ion Ratio Lower Upper

252 100

253 22.8 22.1 33.1

125 11.4 17.6 26.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 4.357 ng/ul

RT: 26.272 min Scan# 5764

Delta R.T. -0.003 min

Lab File: BM037223.D

Acq: 25 Oct 2022 11:55

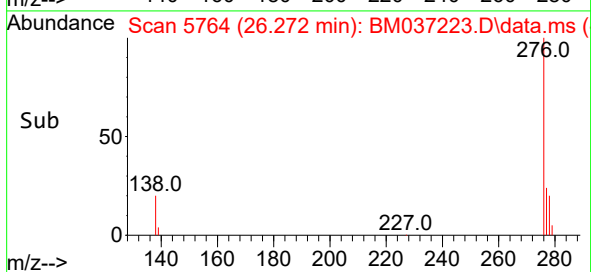
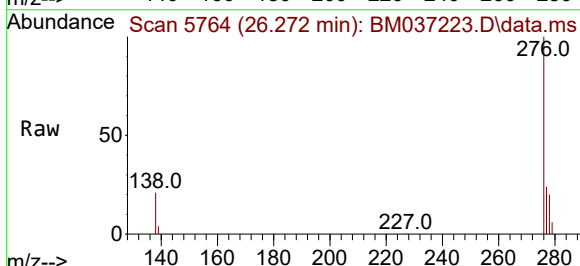
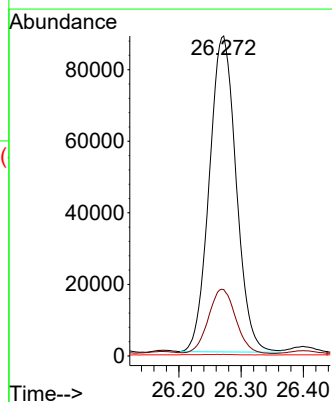
Tgt Ion:276 Resp: 264299

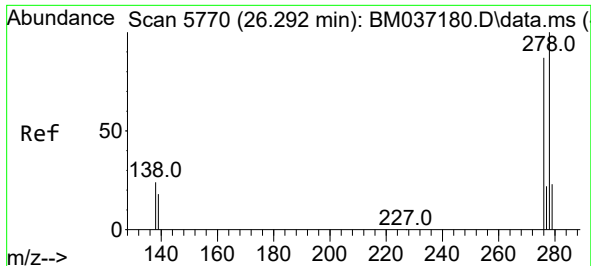
Ion Ratio Lower Upper

276 100

138 20.7 21.4 32.0#

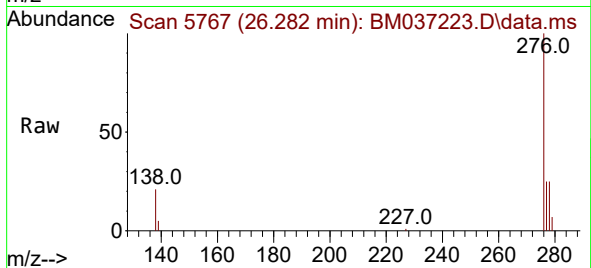
227 0.2 0.1 0.1#



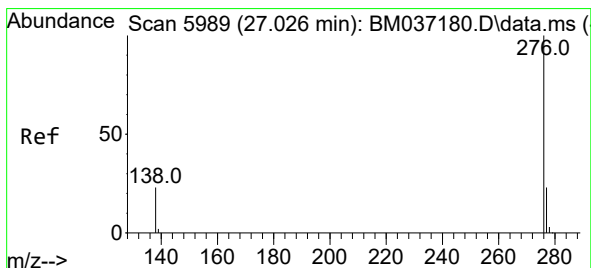
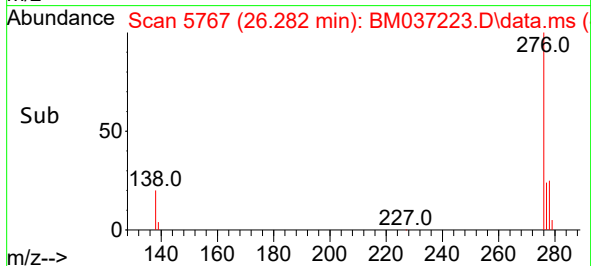
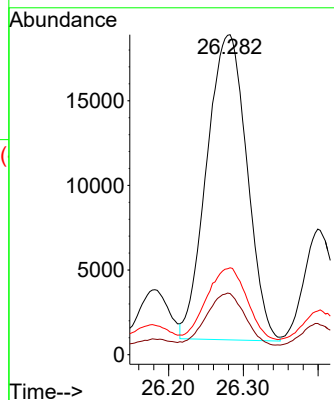


#28
 Dibenzo(a,h)anthracene
 Concen: 1.405 ng/ul
 RT: 26.282 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM037223.D
 Acq: 25 Oct 2022 11:55

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 67270
 Ion Ratio Lower Upper
 278 100
 139 19.1 16.3 24.5
 279 27.1 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 4.862 ng/ul
 RT: 27.030 min Scan# 5990
 Delta R.T. 0.004 min
 Lab File: BM037223.D
 Acq: 25 Oct 2022 11:55

Tgt Ion:276 Resp: 259417
 Ion Ratio Lower Upper
 276 100
 138 21.9 19.8 29.8
 277 24.0 20.1 30.1

