

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071023\
 Data File : BN026437.D
 Acq On : 10 Jul 2023 08:19
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

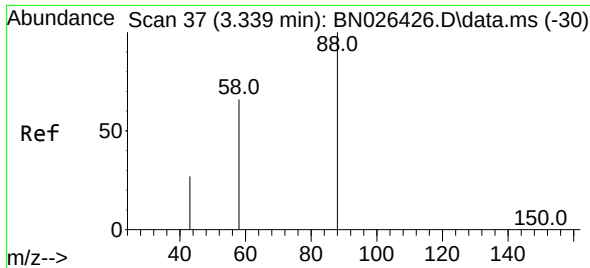
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 04:15:08 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

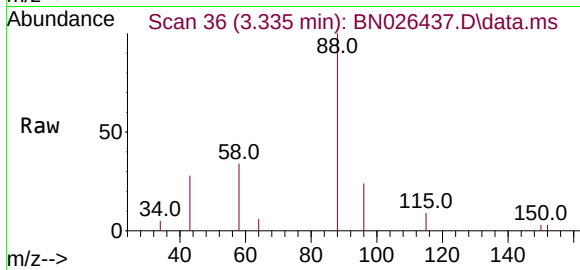
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	4065	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	14727	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	8330	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	13478	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	8539	0.400	ng/ul	0.00
23) Perylene-d12	23.970	264	8439	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1954	0.427	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	7789	0.344	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	13101	0.403	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	2178	0.448	ng/ul#	83
5) Naphthalene	10.776	128	15961	0.378	ng/ul	99
7) 2-Methylnaphthalene	12.398	142	8993	0.335	ng/ul	99
8) 1-Methylnaphthalene	12.612	142	10060	0.361	ng/ul	100
10) Acenaphthylene	14.289	152	14906	0.382	ng/ul	99
11) Acenaphthene	14.626	153	12176	0.382	ng/ul	98
12) Fluorene	15.621	166	12410	0.339	ng/ul	98
14) Pentachlorophenol	16.993	266	953	0.197	ng/ul	100
15) Phenanthrene	17.364	178	16645	0.374	ng/ul	99
16) Anthracene	17.462	178	13674	0.346	ng/ul	97
19) Fluoranthene	19.383	202	18023	0.395	ng/ul	98
20) Pyrene	19.745	202	19185	0.404	ng/ul	97
21) Benzo(a)anthracene	21.503	228	12178	0.346	ng/ul	99
22) Chrysene	21.553	228	13403	0.366	ng/ul	99
24) Benzo(b)fluoranthene	23.222	252	13016	0.361	ng/ul	96
25) Benzo(k)fluoranthene	23.266	252	14033	0.388	ng/ul	96
26) Benzo(a)pyrene	23.871	252	11674	0.373	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.555	276	12944	0.379	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.568	278	9484	0.367	ng/ul	96
29) Benzo(g,h,i)perylene	27.336	276	12288	0.404	ng/ul	99

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

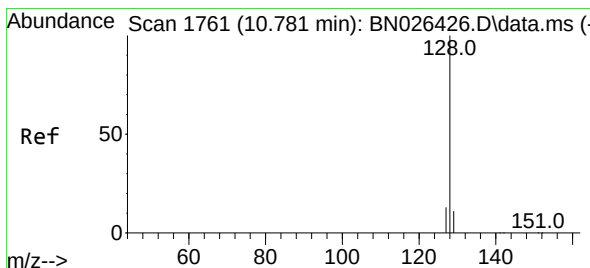
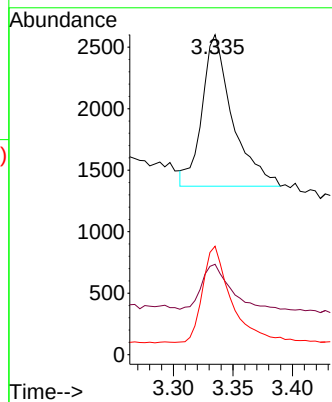
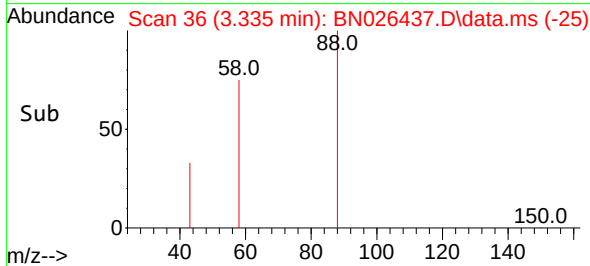


#2
1,4-Dioxane
Concen: 0.448 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

Instrument :
BNA_N
ClientSampleId :

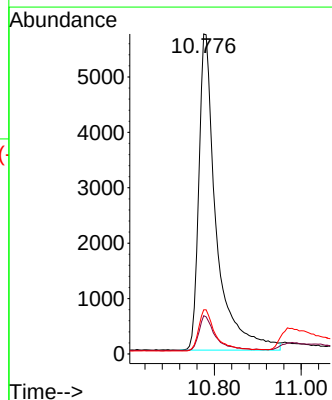
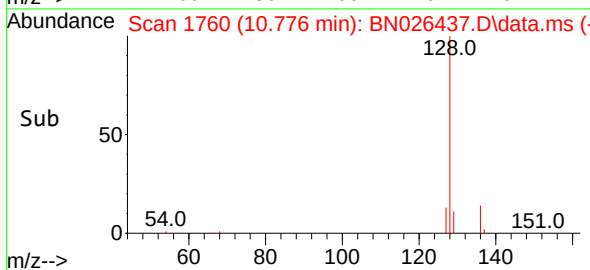
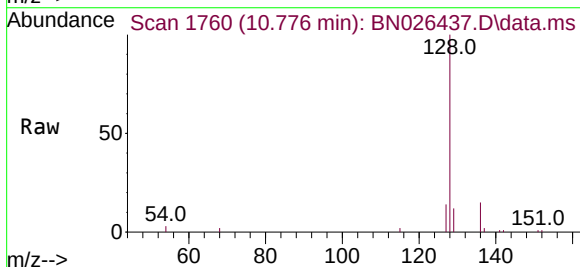


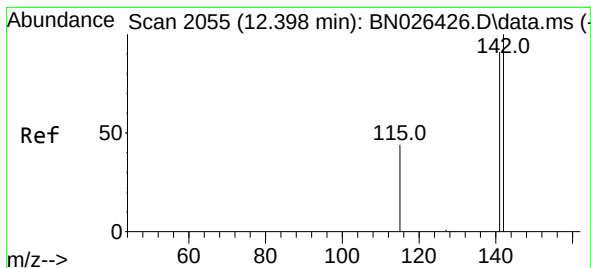
Tgt Ion: 88 Resp: 2178
Ion Ratio Lower Upper
88 100
43 28.2 29.5 44.3#
58 33.9 37.4 56.2#



#5
Naphthalene
Concen: 0.378 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

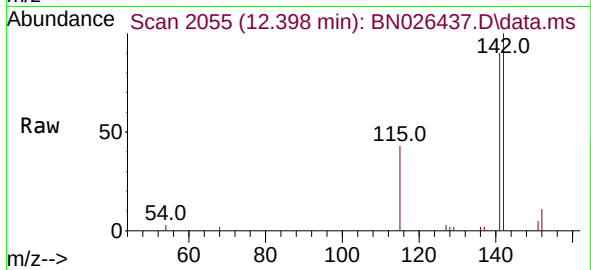
Tgt Ion:128 Resp: 15961
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.8 10.7 16.1



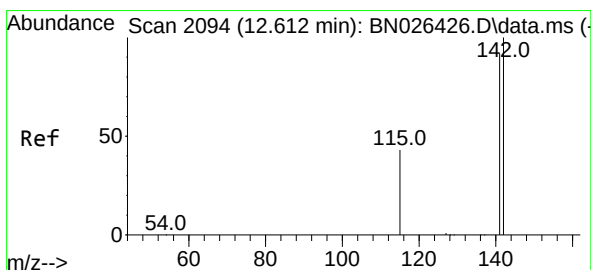
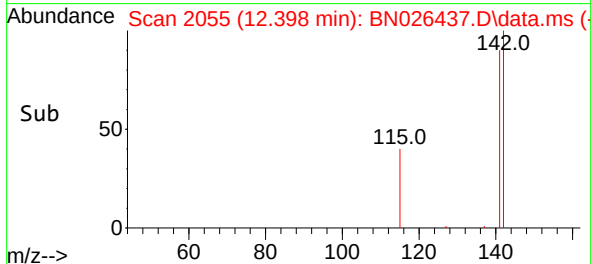
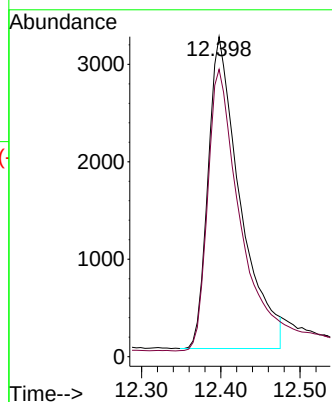


#7
2-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.398 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

Instrument :
BNA_N
ClientSampleId :

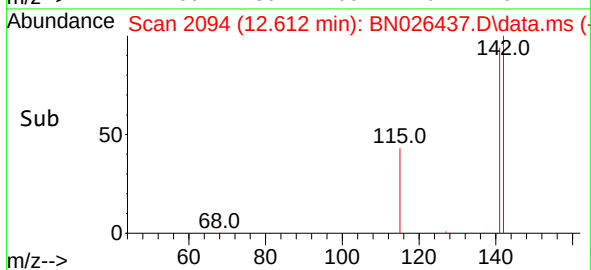
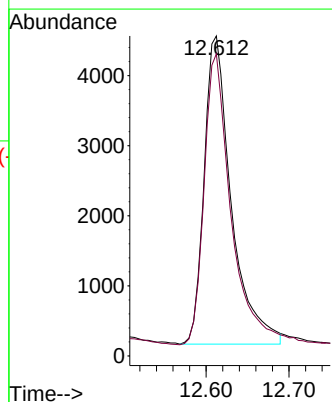
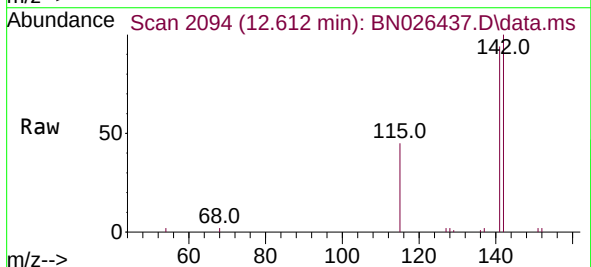


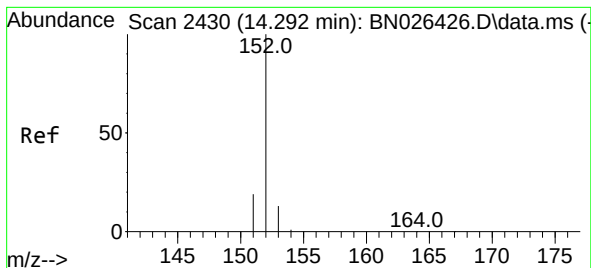
Tgt Ion:142 Resp: 8993
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.612 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

Tgt Ion:142 Resp: 10060
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4





#10

Acenaphthylene

Concen: 0.382 ng/ul

RT: 14.289 min Scan# 2429

Delta R.T. -0.004 min

Lab File: BN026437.D

Acq: 10 Jul 2023 08:19

Instrument :

BNA_N

ClientSampleId :

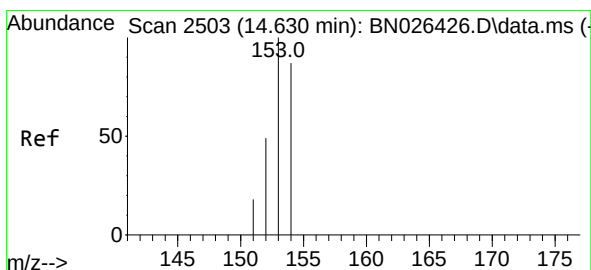
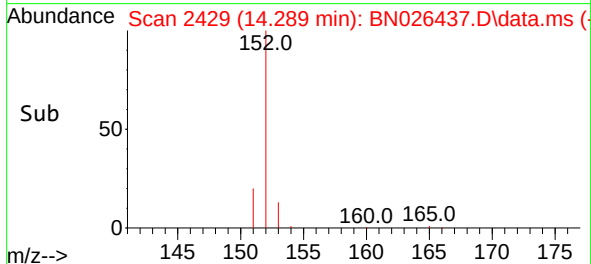
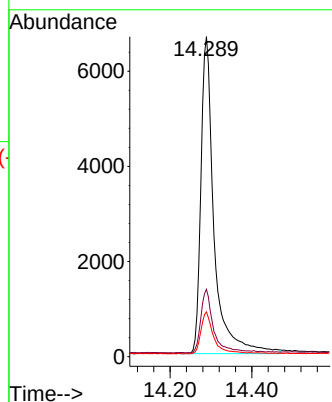
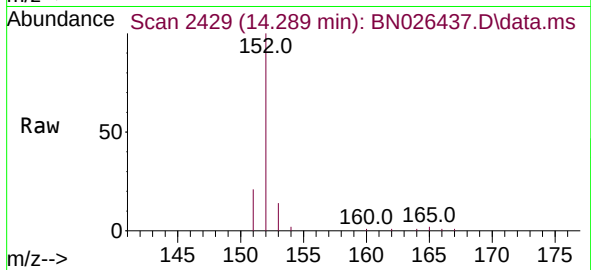
Tgt Ion:152 Resp: 14906

Ion Ratio Lower Upper

152 100

151 21.0 16.2 24.4

153 14.0 10.9 16.3



#11

Acenaphthene

Concen: 0.382 ng/ul

RT: 14.626 min Scan# 2502

Delta R.T. -0.004 min

Lab File: BN026437.D

Acq: 10 Jul 2023 08:19

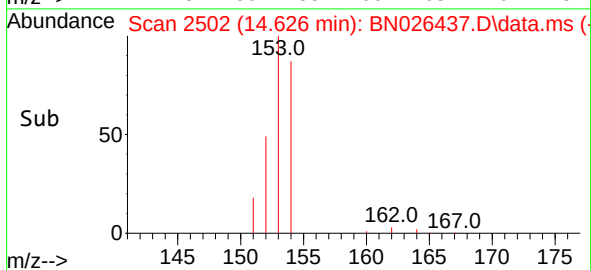
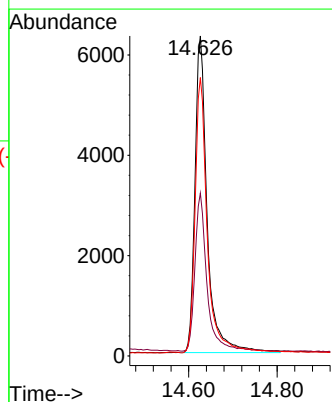
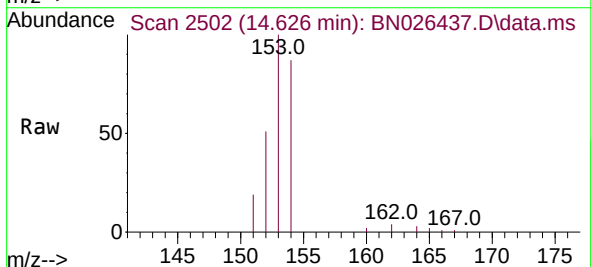
Tgt Ion:153 Resp: 12176

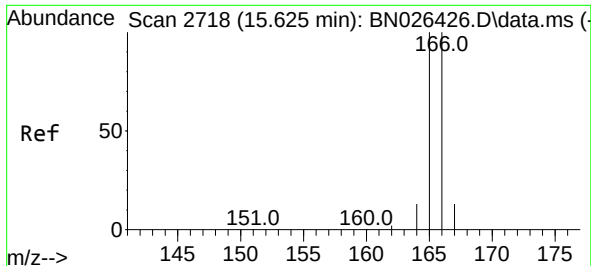
Ion Ratio Lower Upper

153 100

152 50.9 39.4 59.0

154 87.0 68.9 103.3

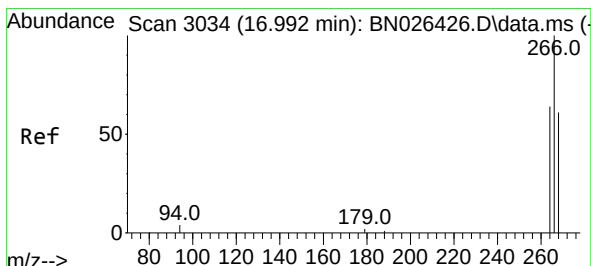
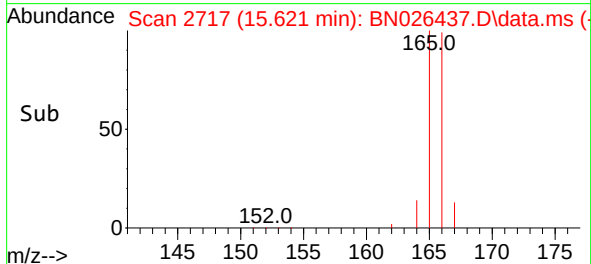
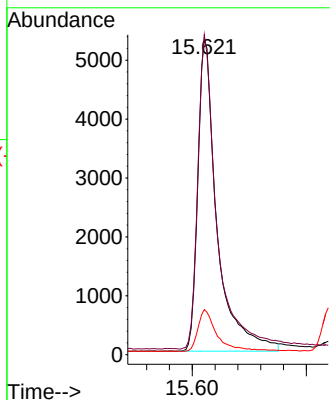
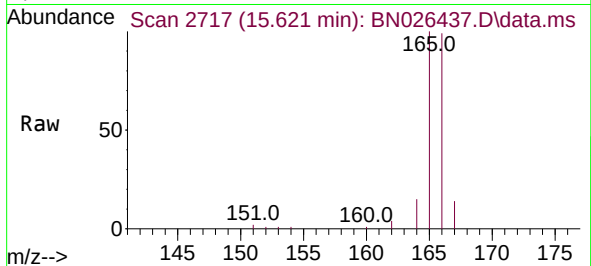




#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.621 min Scan# 2718
Delta R.T. -0.004 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

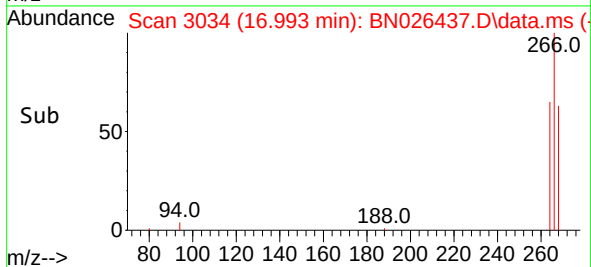
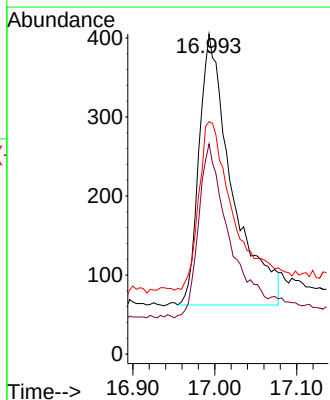
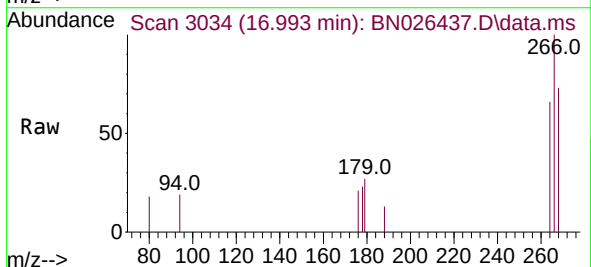
Instrument :
BNA_N
ClientSampleId :

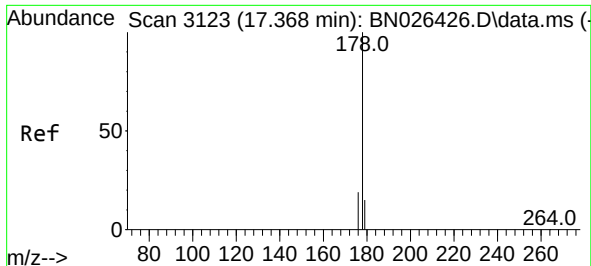
Tgt Ion:166 Resp: 12410
Ion Ratio Lower Upper
166 100
165 101.4 79.9 119.9
167 14.3 10.8 16.2



#14
Pentachlorophenol
Concen: 0.197 ng/ul
RT: 16.993 min Scan# 3034
Delta R.T. -0.003 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

Tgt Ion:266 Resp: 953
Ion Ratio Lower Upper
266 100
264 63.0 50.5 75.7
268 65.1 51.6 77.4

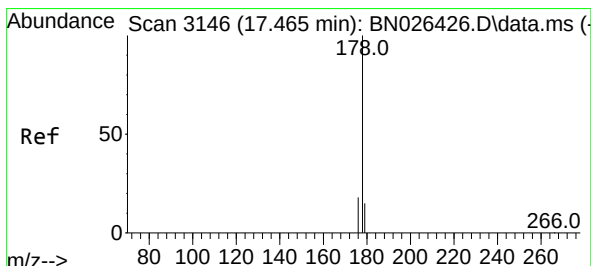
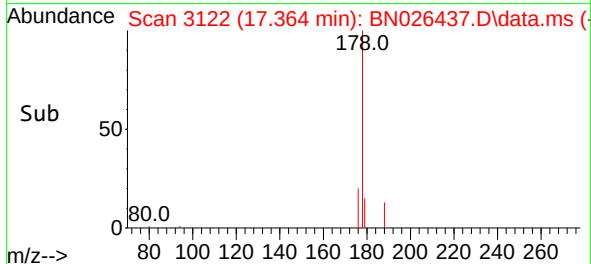
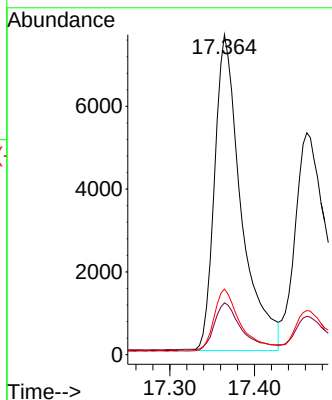
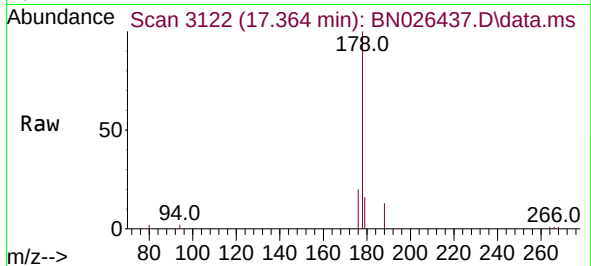




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.364 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

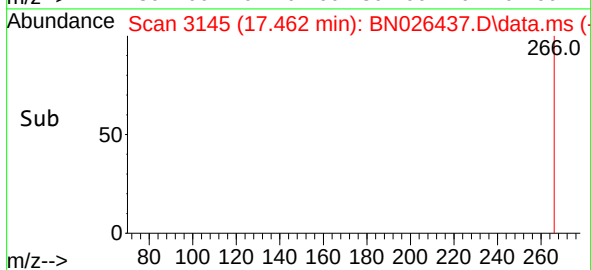
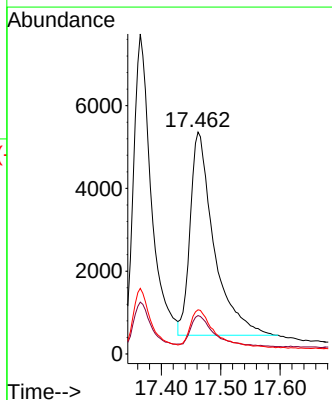
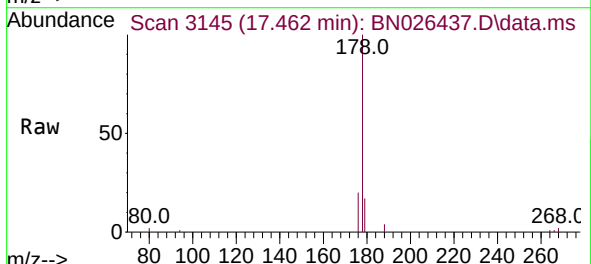
Instrument :
BNA_N
ClientSampleId :

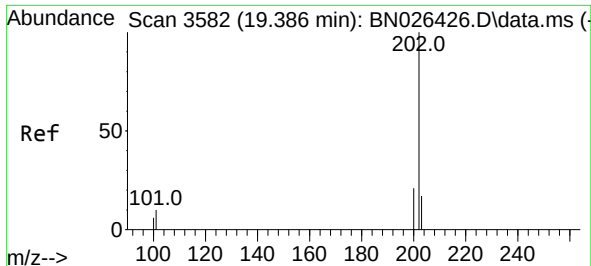
Tgt Ion:	178	Resp:	16645
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	19.0
176	20.5	15.8	23.6



#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.462 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

Tgt Ion:	178	Resp:	13674
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.6	18.8
176	19.9	15.1	22.7

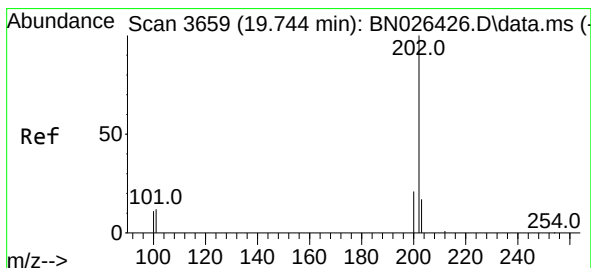
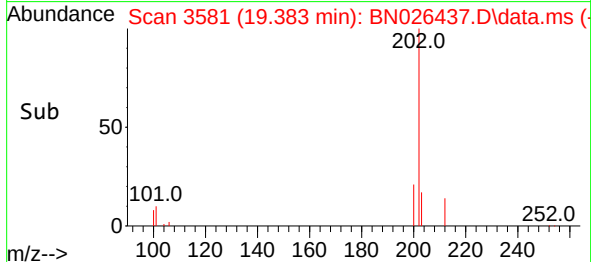
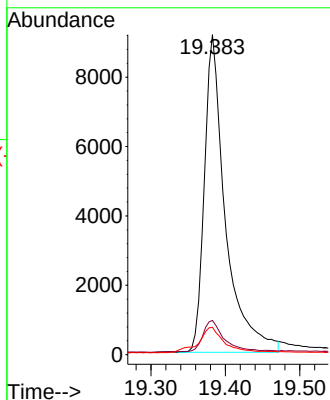
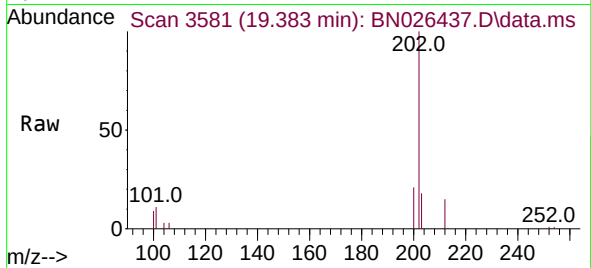




#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.383 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

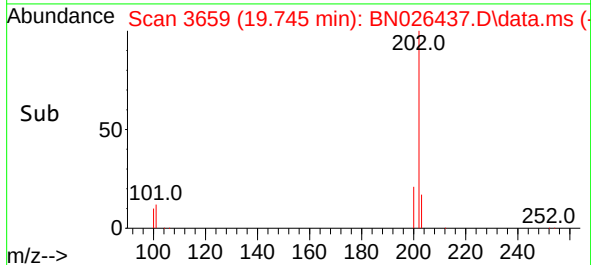
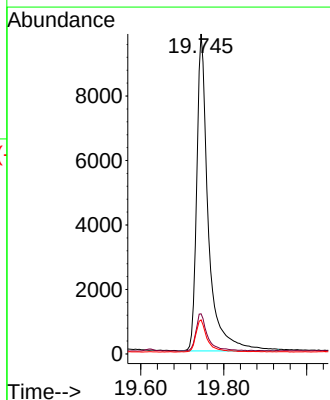
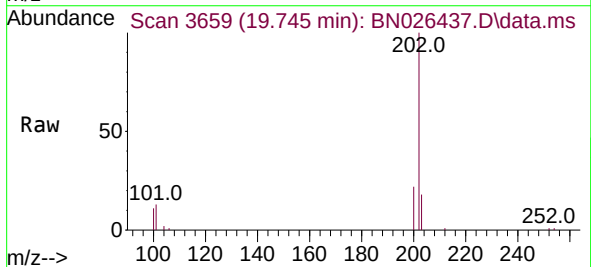
Instrument :
BNA_N
ClientSampleId :

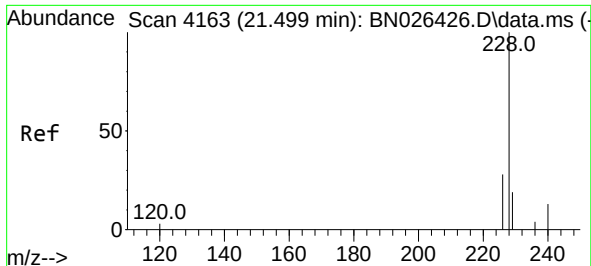
Tgt Ion:202 Resp: 18023
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 8.5 7.3 10.9



#20
Pyrene
Concen: 0.404 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

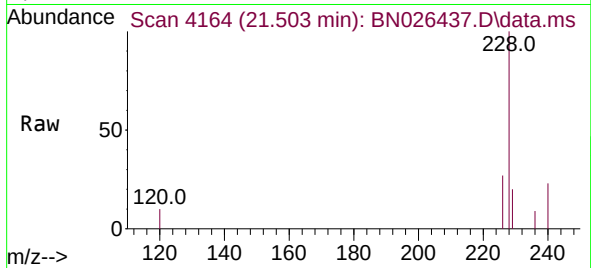
Tgt Ion:202 Resp: 19185
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.7 9.1 13.7



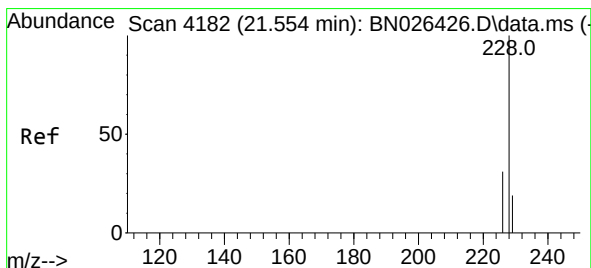
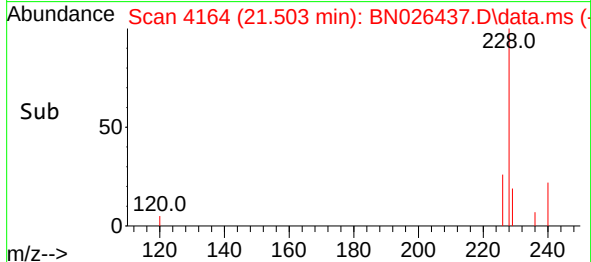
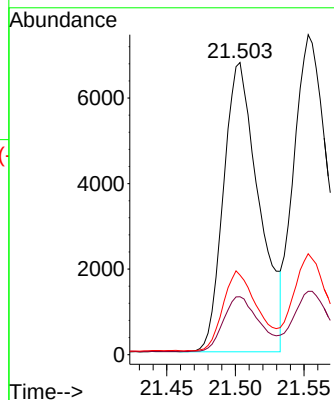


#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.503 min Scan# 4163
Delta R.T. 0.004 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

Instrument :
BNA_N
ClientSampleId :

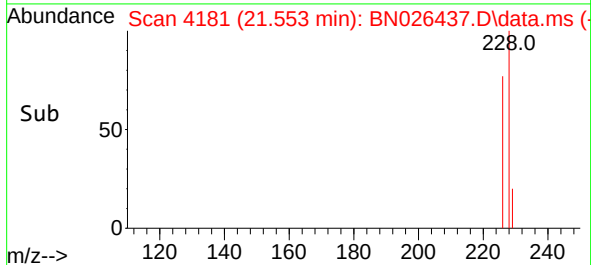
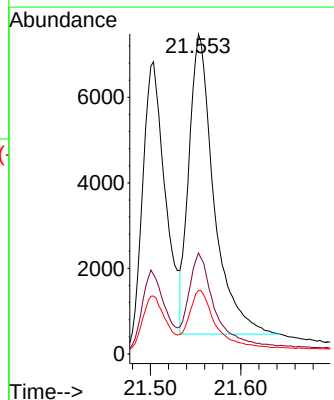
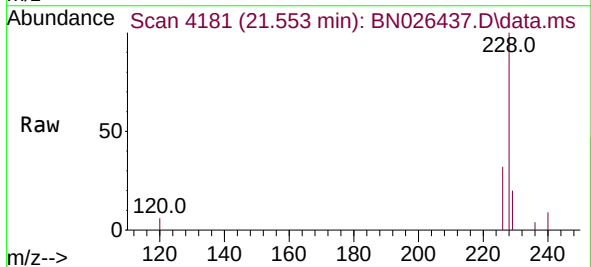


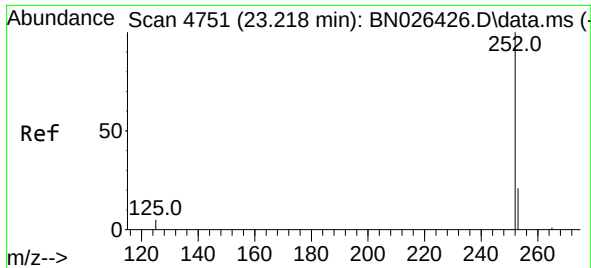
Tgt Ion:228 Resp: 12178
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.6
226 27.2 22.5 33.7



#22
Chrysene
Concen: 0.366 ng/ul
RT: 21.553 min Scan# 4181
Delta R.T. 0.001 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

Tgt Ion:228 Resp: 13403
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 19.8 15.7 23.5

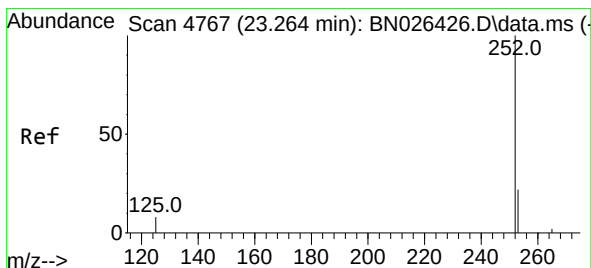
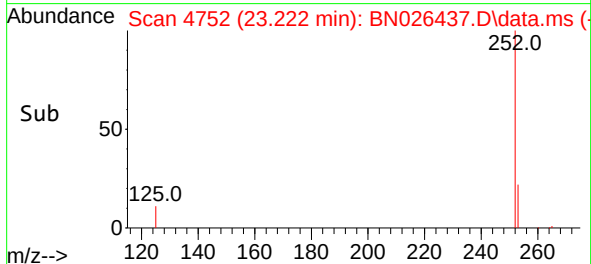
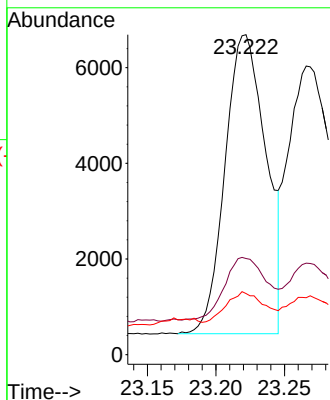
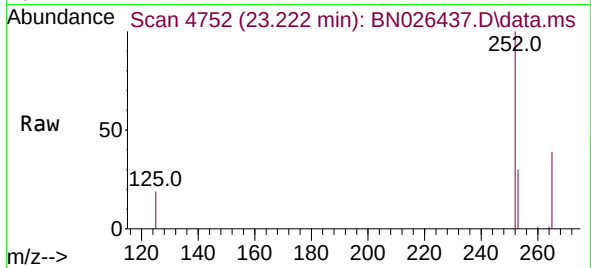




#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 23.222 min Scan# 4752
Delta R.T. 0.004 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

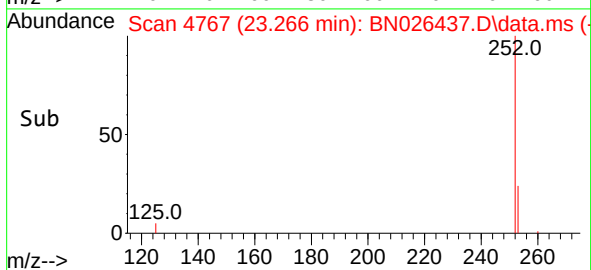
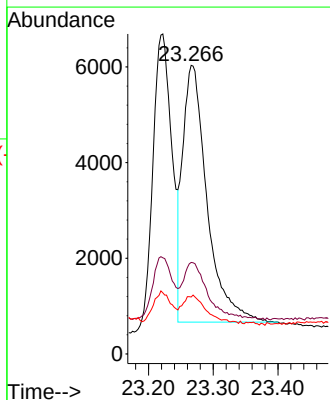
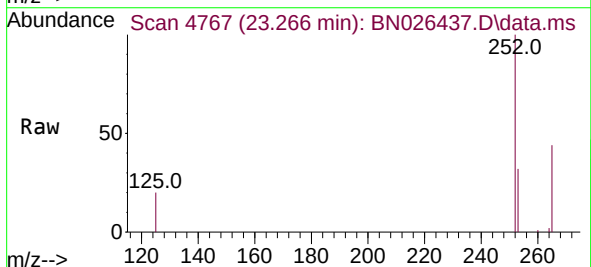
Instrument :
BNA_N
ClientSampleId :

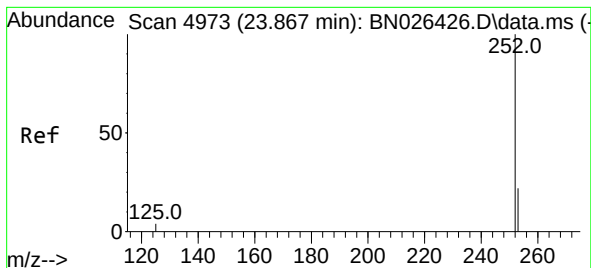
Tgt Ion:252 Resp: 13016
Ion Ratio Lower Upper
252 100
253 30.0 0.0 55.6
125 19.1 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 23.266 min Scan# 4767
Delta R.T. 0.004 min
Lab File: BN026437.D
Acq: 10 Jul 2023 08:19

Tgt Ion:252 Resp: 14033
Ion Ratio Lower Upper
252 100
253 31.7 23.2 34.8
125 19.7 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.373 ng/ul

RT: 23.871 min Scan# 4973

Delta R.T. 0.001 min

Lab File: BN026437.D

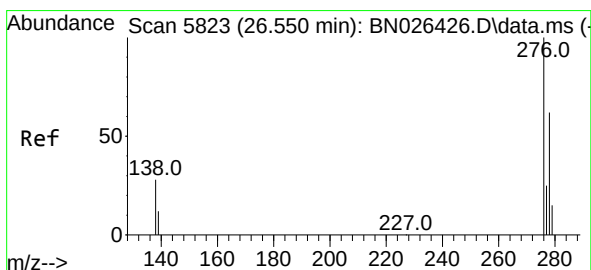
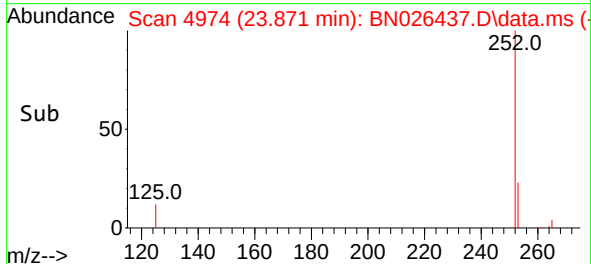
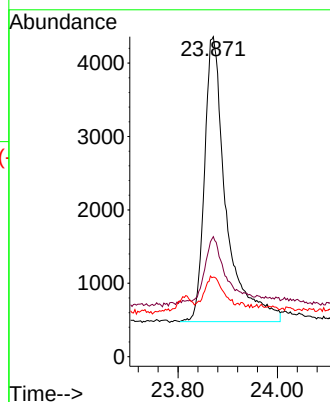
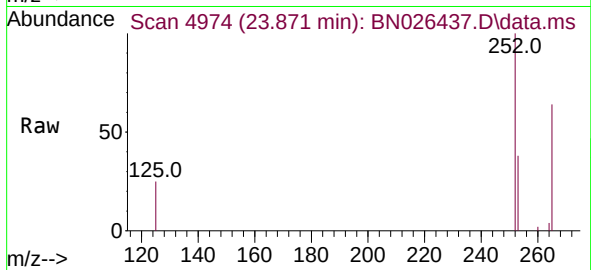
Acq: 10 Jul 2023 08:19

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	252	Resp:	11674
Ion Ratio	Lower	Upper	
252	100		
253	37.5	26.0	39.0
125	24.9	17.3	25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.379 ng/ul

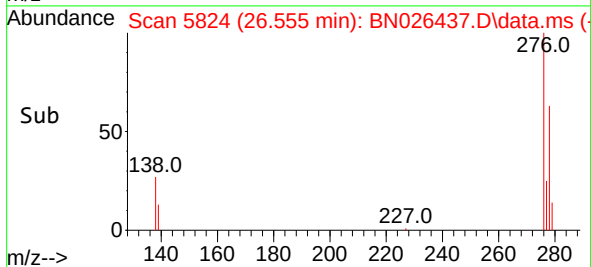
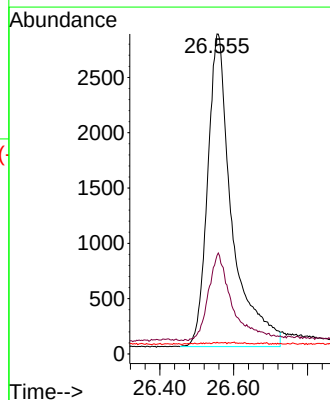
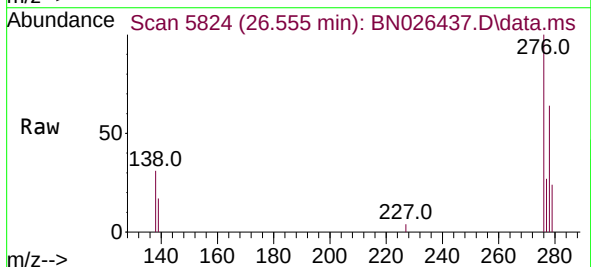
RT: 26.555 min Scan# 5824

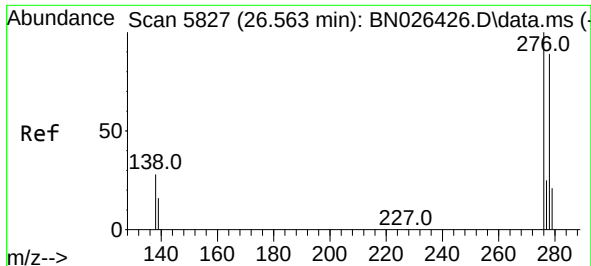
Delta R.T. 0.014 min

Lab File: BN026437.D

Acq: 10 Jul 2023 08:19

Tgt Ion:	276	Resp:	12944
Ion Ratio	Lower	Upper	
276	100		
138	27.6	24.5	36.7
227	0.2	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.367 ng/ul

RT: 26.568 min Scan# 5827

Delta R.T. 0.007 min

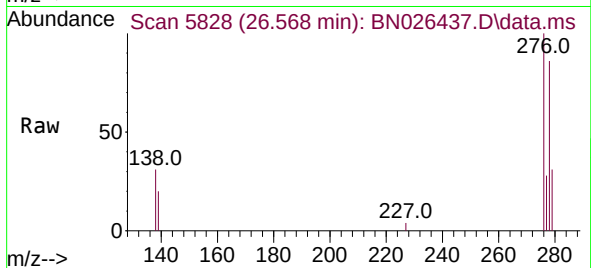
Lab File: BN026437.D

Acq: 10 Jul 2023 08:19

Instrument :

BNA_N

ClientSampleId :



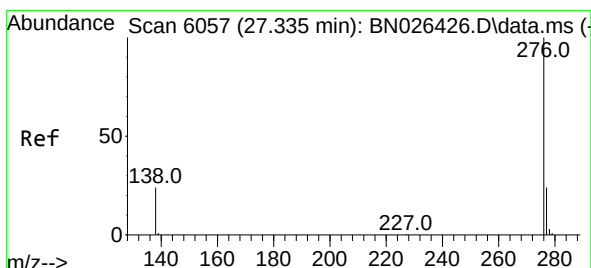
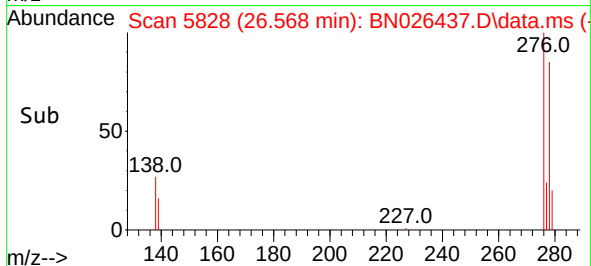
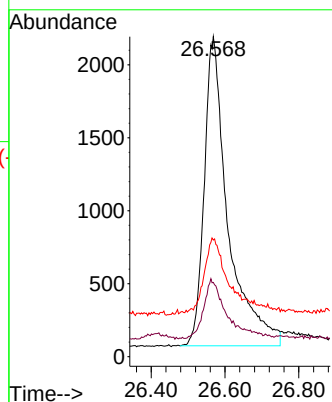
Tgt Ion:278 Resp: 9484

Ion Ratio Lower Upper

278 100

139 23.2 19.0 28.4

279 36.4 26.7 40.1



#29

Benzo(g,h,i)perylene

Concen: 0.404 ng/ul

RT: 27.336 min Scan# 6057

Delta R.T. 0.001 min

Lab File: BN026437.D

Acq: 10 Jul 2023 08:19

Tgt Ion:276 Resp: 12288

Ion Ratio Lower Upper

276 100

138 29.0 23.4 35.0

277 26.1 20.0 30.0

