

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026236.D
 Acq On : 03 Jul 2023 21:50
 Operator : MA/JU
 Sample : 03246-19
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 01:04:18 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 : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

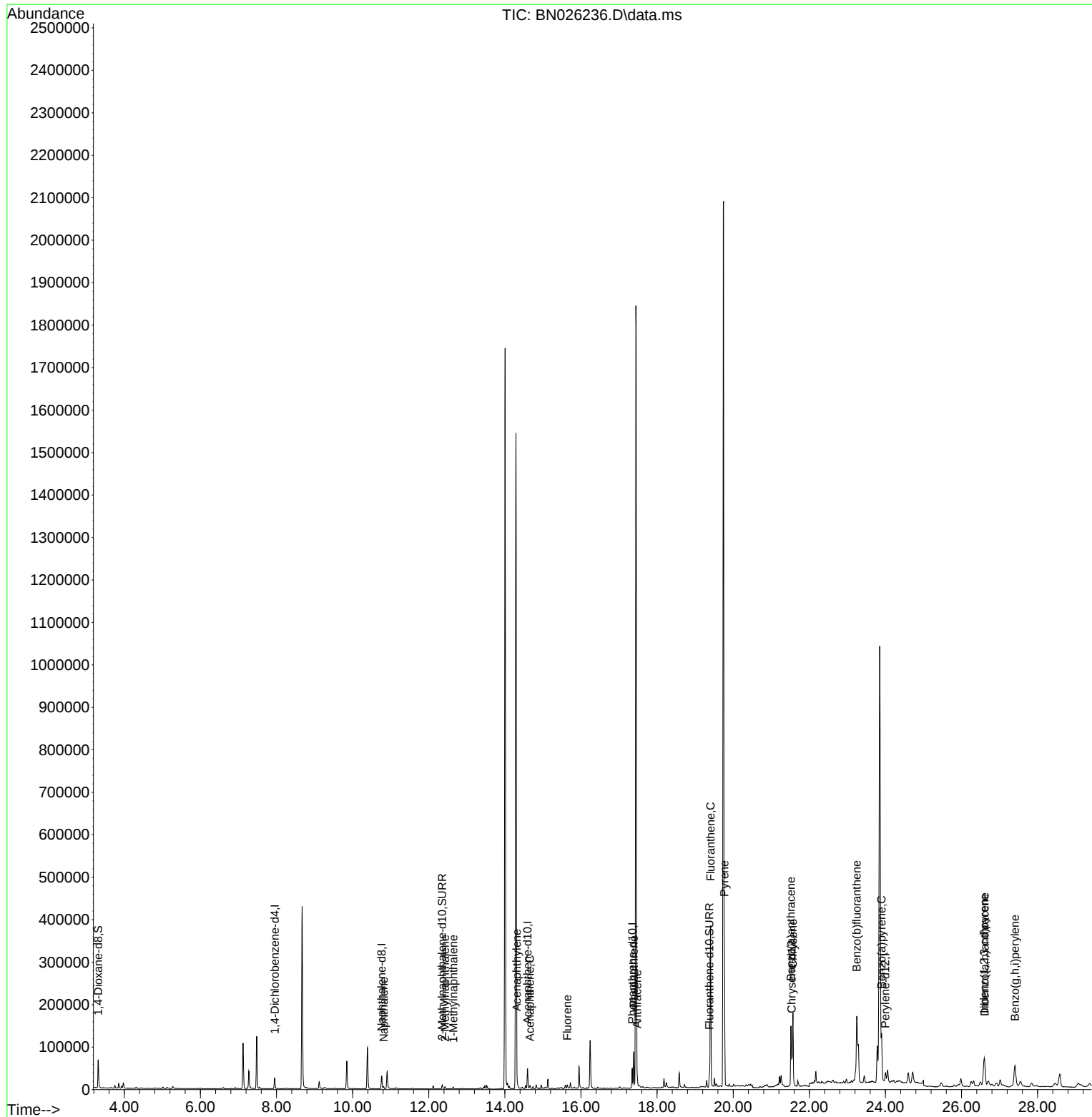
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	13735	0.400	ng/ul	0.00
4) Naphthalene-d8	10.764	136	43001	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	26013	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	54667	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	29228	0.400	ng/ul	# 0.00
23) Perylene-d12	23.999	264	31563	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	44404	2.871	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	13553	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	28036	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	5961	0.048	ng/ul#	92
7) 2-Methylnaphthalene	12.425	142	3976	0.051	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	3208	0.039	ng/ul	100
10) Acenaphthylene	14.316	152	8812	0.072	ng/ul#	91
11) Acenaphthene	14.658	153	3369	0.034	ng/ul	96
12) Fluorene	15.643	166	3033	0.027	ng/ul#	82
15) Phenanthrene	17.389	178	92342	0.511	ng/ul	100
16) Anthracene	17.477	178	14856	0.093	ng/ul#	92
19) Fluoranthene	19.405	202	317586	2.034	ng/ul	99
20) Pyrene	19.767	202	259957	1.601	ng/ul	96
21) Benzo(a)anthracene	21.517	228	121630	1.009	ng/ul	96
22) Chrysene	21.570	228	172364	1.374	ng/ul#	95
24) Benzo(b)fluoranthene	23.247	252	358816	2.663	ng/ul	91
26) Benzo(a)pyrene	23.899	252	155905	1.332	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.598	276	133960	1.048	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.608	278	30775	0.318	ng/ul#	91
29) Benzo(g,h,i)perylene	27.402	276	124331	1.094	ng/ul	95

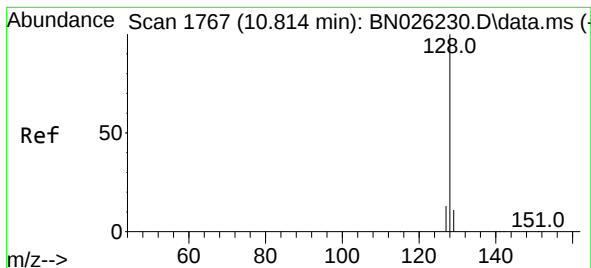
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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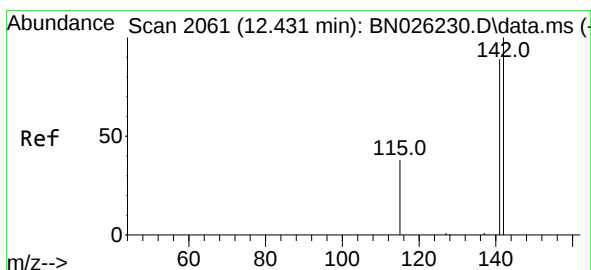
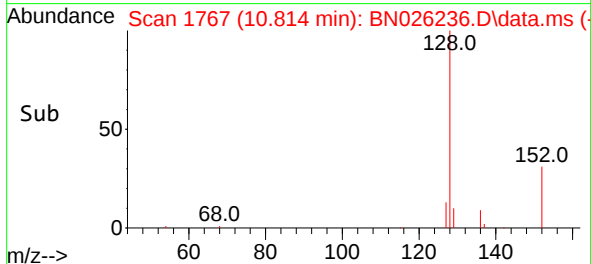
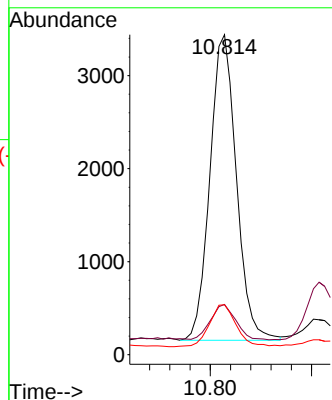
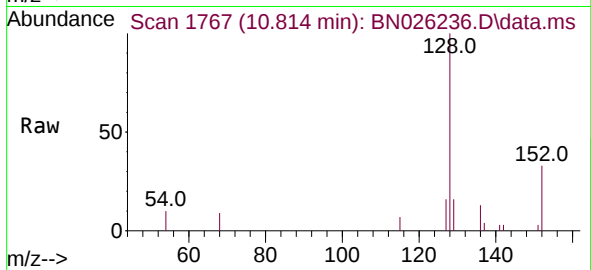




#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN026236.D
Acq: 03 Jul 2023 21:50

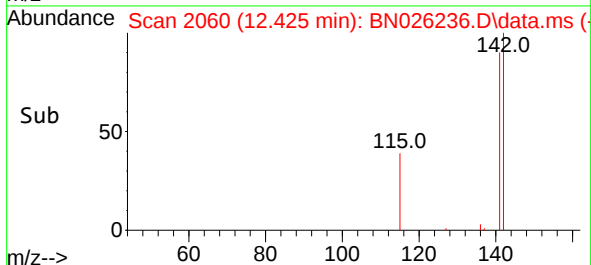
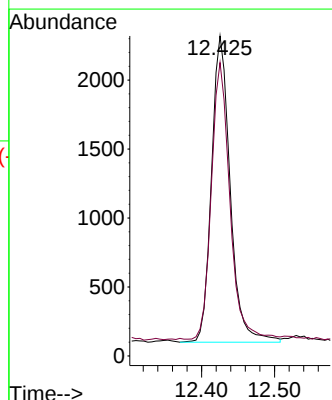
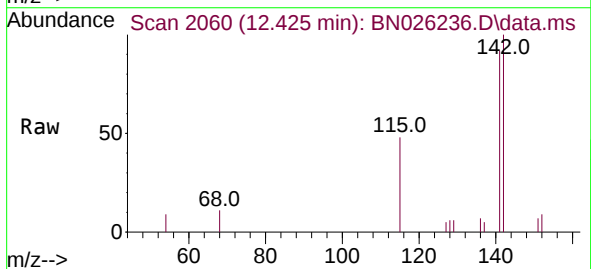
Instrument :
BNA_N
ClientSampleId :

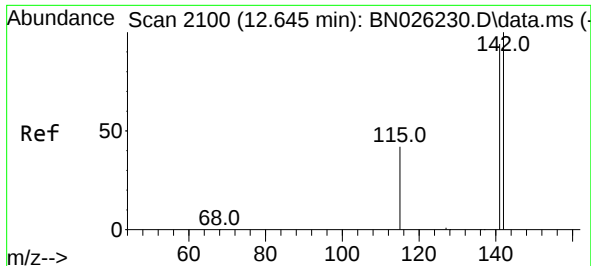
Tgt Ion:128 Resp: 5961
Ion Ratio Lower Upper
128 100
129 15.7 9.1 13.7#
127 15.6 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BN026236.D
Acq: 03 Jul 2023 21:50

Tgt Ion:142 Resp: 3976
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9

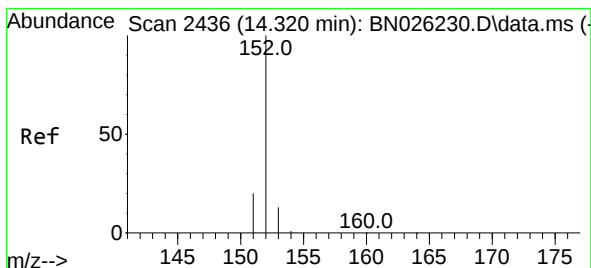
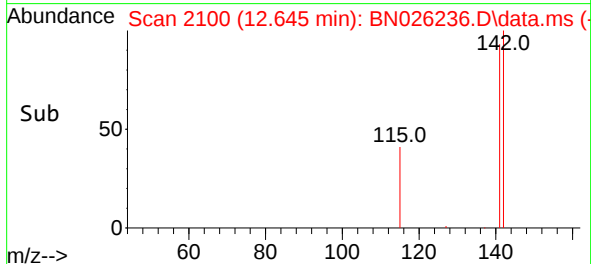
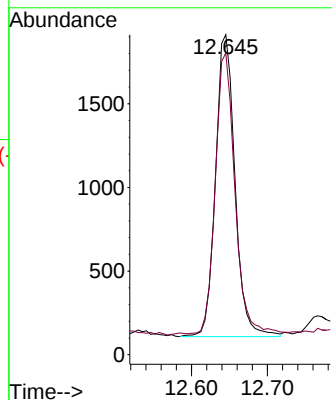
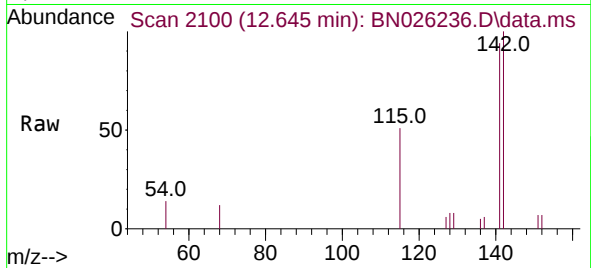




#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN026236.D
Acq: 03 Jul 2023 21:50

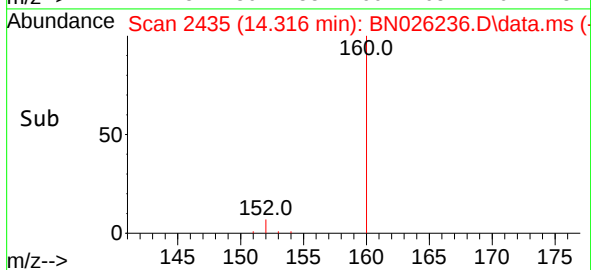
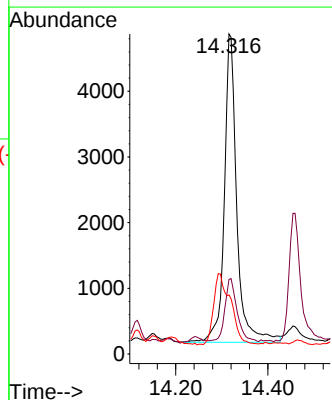
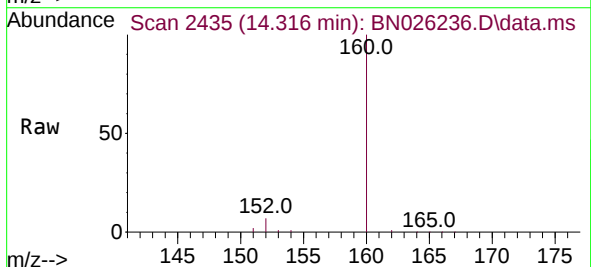
Instrument :
BNA_N
ClientSampleId :

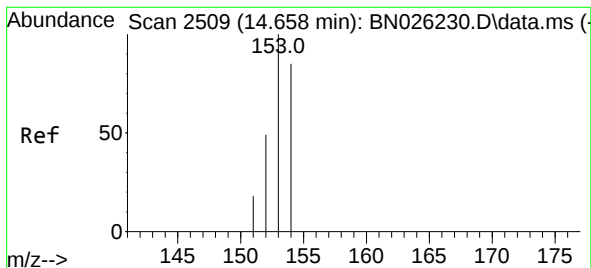
Tgt Ion:142 Resp: 3208
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4



#10
Acenaphthylene
Concen: 0.072 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026236.D
Acq: 03 Jul 2023 21:50

Tgt Ion:152 Resp: 8812
Ion Ratio Lower Upper
152 100
151 23.3 16.2 24.4
153 18.5 10.9 16.3#





#11

Acenaphthene

Concen: 0.034 ng/ul

RT: 14.658 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN026236.D

Acq: 03 Jul 2023 21:50

Instrument :

BNA_N

ClientSampleId :

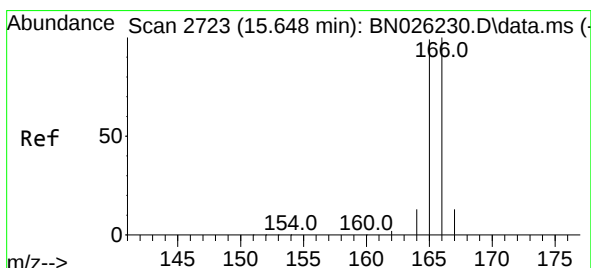
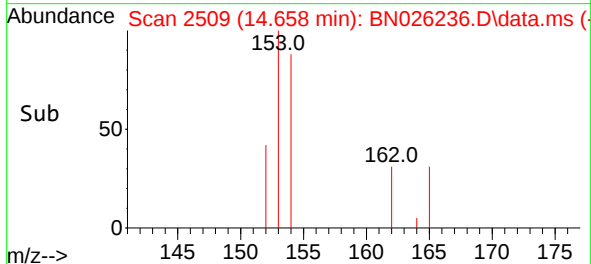
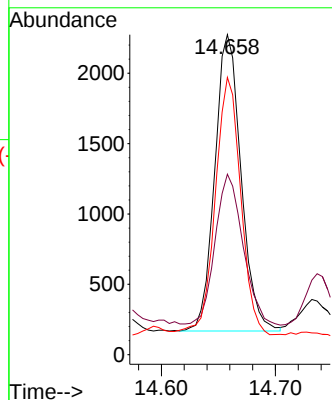
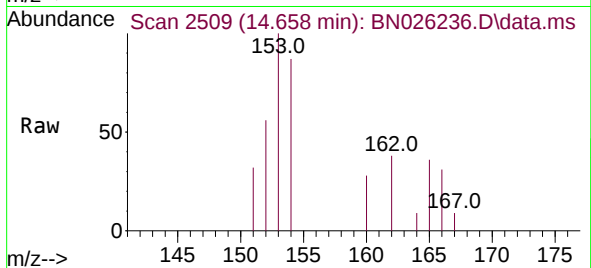
Tgt Ion:153 Resp: 3369

Ion Ratio Lower Upper

153 100

152 56.4 39.4 59.0

154 86.6 68.9 103.3



#12

Fluorene

Concen: 0.027 ng/ul

RT: 15.643 min Scan# 2722

Delta R.T. -0.005 min

Lab File: BN026236.D

Acq: 03 Jul 2023 21:50

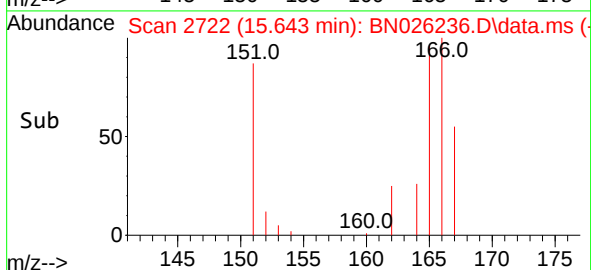
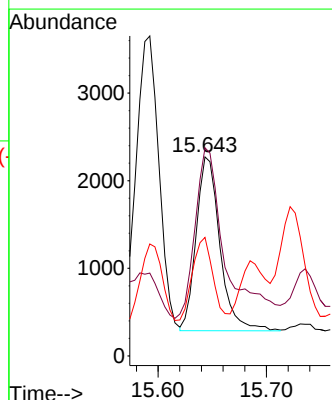
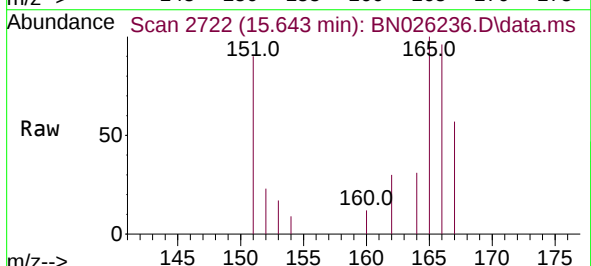
Tgt Ion:166 Resp: 3033

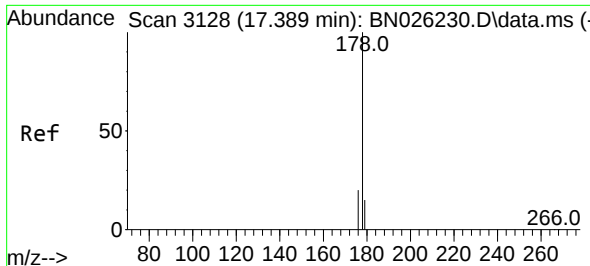
Ion Ratio Lower Upper

166 100

165 104.5 79.9 119.9

167 59.6 10.8 16.2#

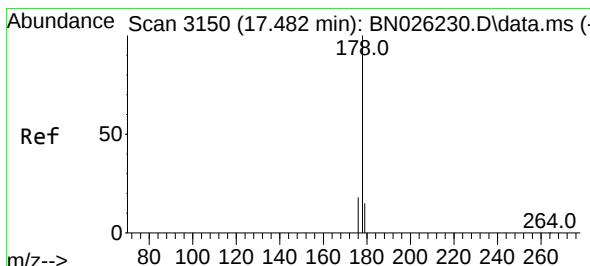
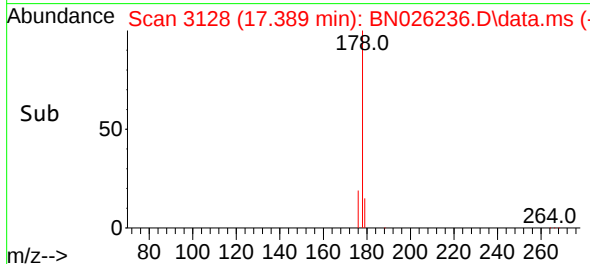
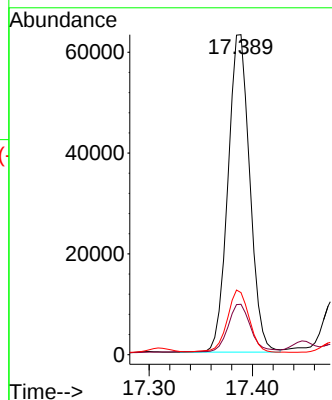
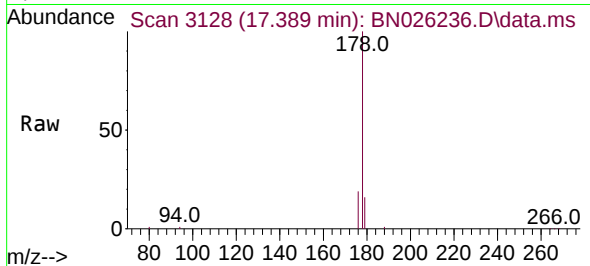




#15
Phenanthrene
Concen: 0.511 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BN026236.D
Acq: 03 Jul 2023 21:50

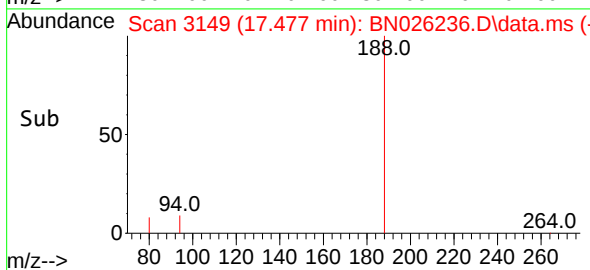
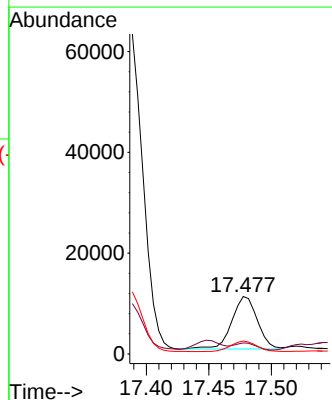
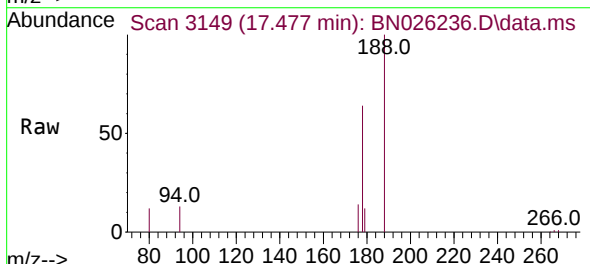
Instrument :
BNA_N
ClientSampleId :

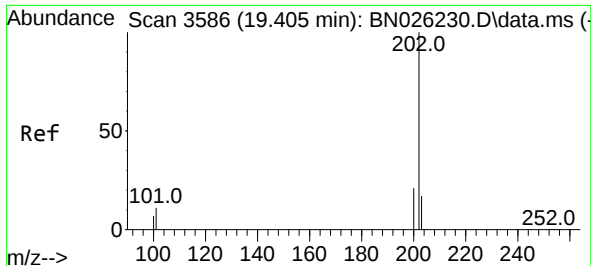
Tgt Ion:178 Resp: 92342
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.4 15.8 23.6



#16
Anthracene
Concen: 0.093 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BN026236.D
Acq: 03 Jul 2023 21:50

Tgt Ion:178 Resp: 14856
Ion Ratio Lower Upper
178 100
179 19.3 12.6 18.8#
176 22.7 15.1 22.7

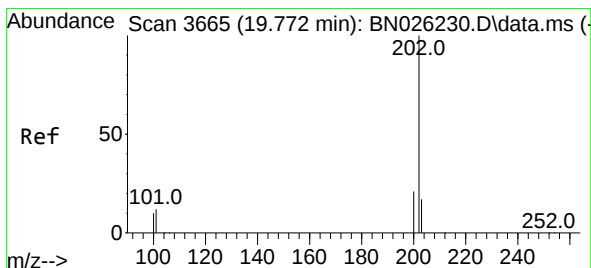
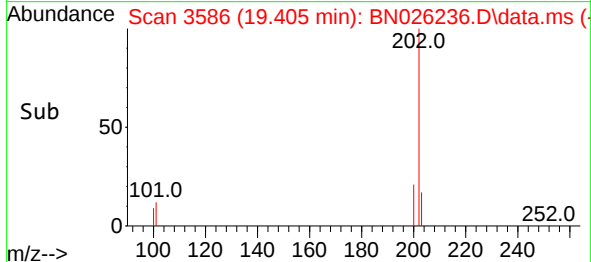
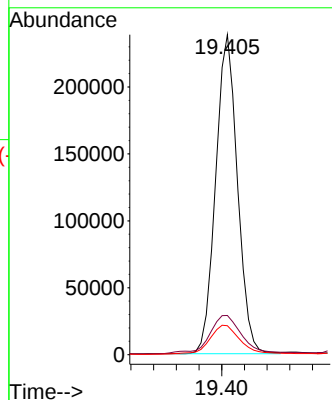
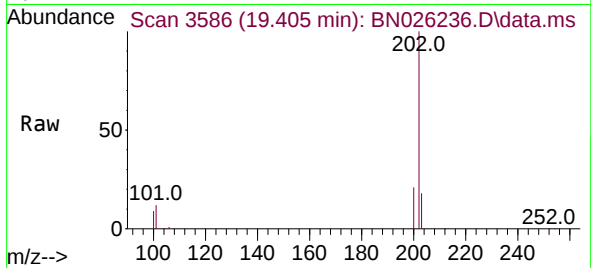




#19
Fluoranthene
Concen: 2.034 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.000 min
Lab File: BN026236.D
Acq: 03 Jul 2023 21:50

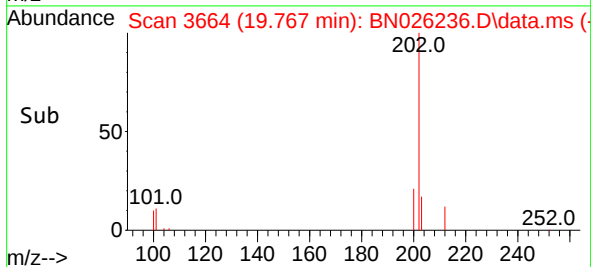
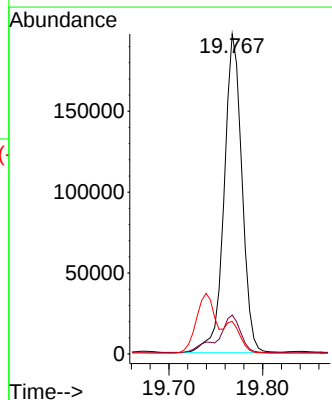
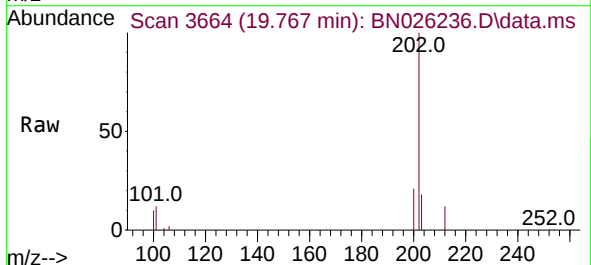
Instrument :
BNA_N
ClientSampleId :

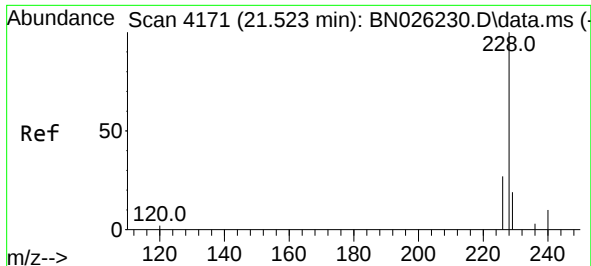
Tgt Ion:202 Resp: 317586
Ion Ratio Lower Upper
202 100
101 12.2 9.5 14.3
100 9.1 7.3 10.9



#20
Pyrene
Concen: 1.601 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026236.D
Acq: 03 Jul 2023 21:50

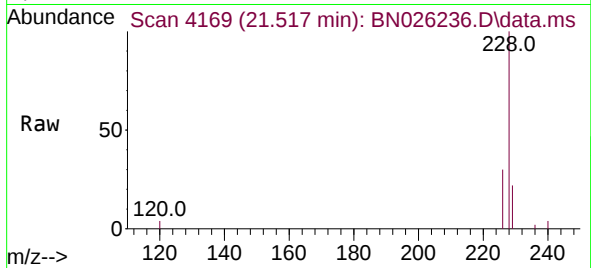
Tgt Ion:202 Resp: 259957
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.2 9.1 13.7



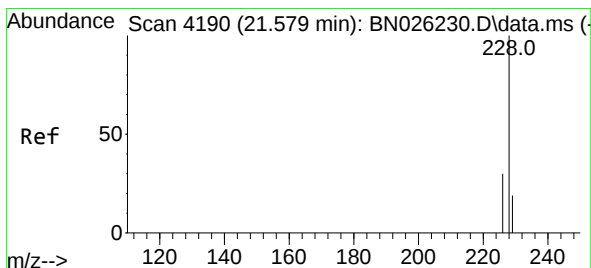
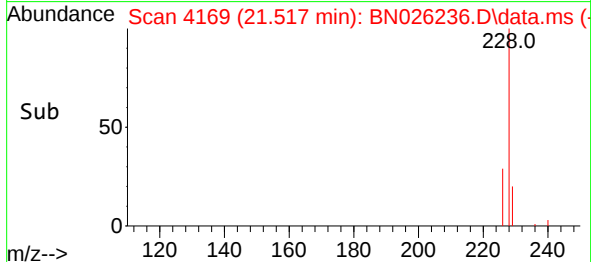
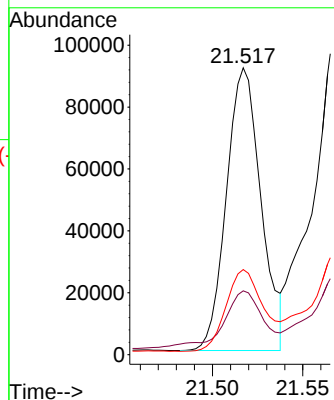


#21
Benzo(a)anthracene
Concen: 1.009 ng/ul
RT: 21.517 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BN026236.D
Acq: 03 Jul 2023 21:50

Instrument :
BNA_N
ClientSampleId :

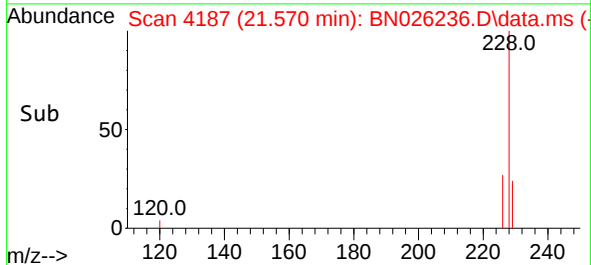
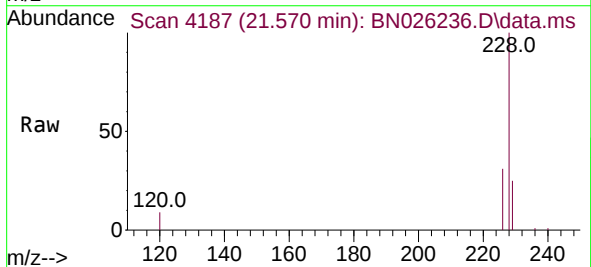
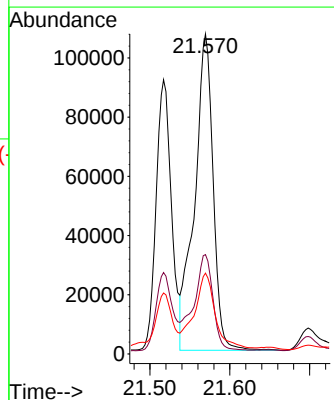


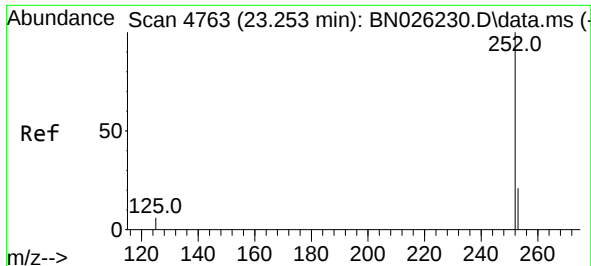
Tgt Ion:228 Resp: 121630
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.6
226 29.7 22.5 33.7



#22
Chrysene
Concen: 1.374 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026236.D
Acq: 03 Jul 2023 21:50

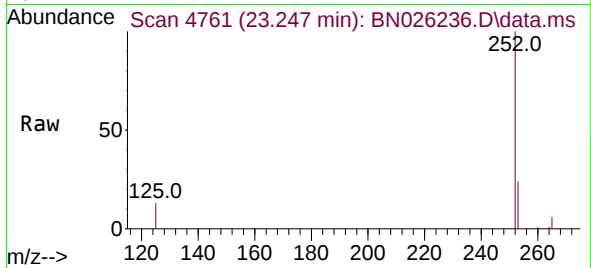
Tgt Ion:228 Resp: 172364
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 25.3 15.7 23.5#



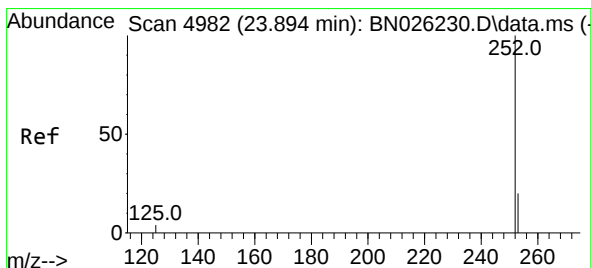
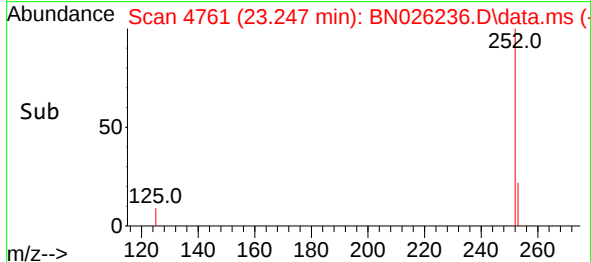
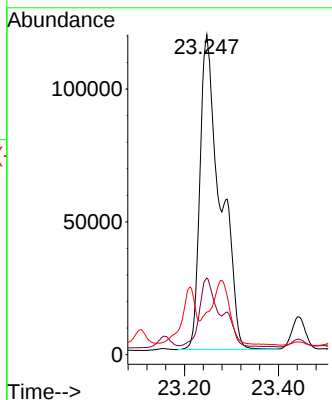


#24
Benzo(b)fluoranthene
Concen: 2.663 ng/ul
RT: 23.247 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BN026236.D
Acq: 03 Jul 2023 21:50

Instrument :
BNA_N
ClientSampleId :

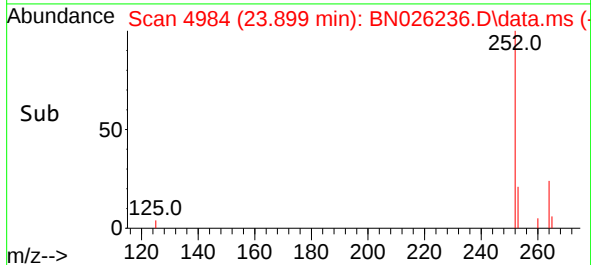
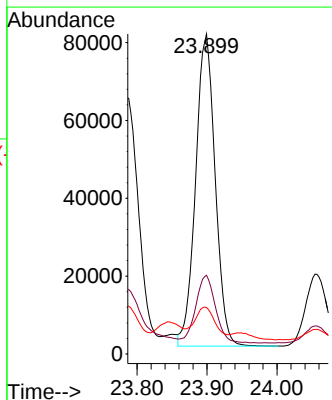
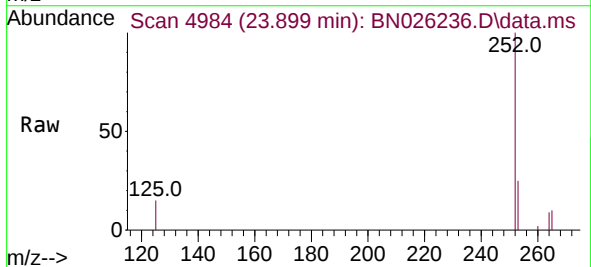


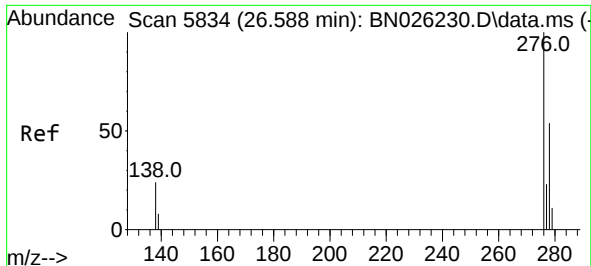
Tgt Ion:252 Resp: 358816
Ion Ratio Lower Upper
252 100
253 24.0 0.0 55.6
125 13.3 0.0 35.8



#26
Benzo(a)pyrene
Concen: 1.332 ng/ul
RT: 23.899 min Scan# 4984
Delta R.T. 0.006 min
Lab File: BN026236.D
Acq: 03 Jul 2023 21:50

Tgt Ion:252 Resp: 155905
Ion Ratio Lower Upper
252 100
253 24.6 26.0 39.0#
125 14.6 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.048 ng/ul

RT: 26.598 min Scan# 5837

Delta R.T. 0.010 min

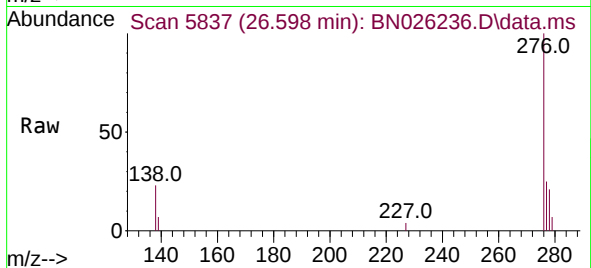
Lab File: BN026236.D

Acq: 03 Jul 2023 21:50

Instrument :

BNA_N

ClientSampleId :



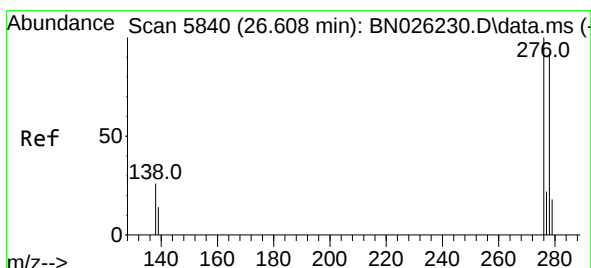
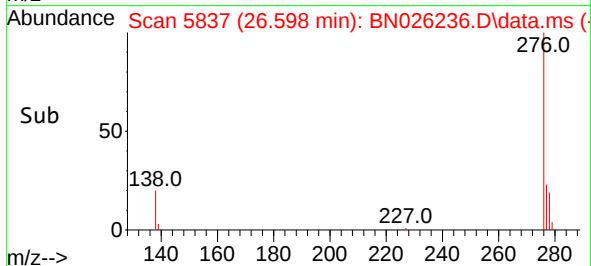
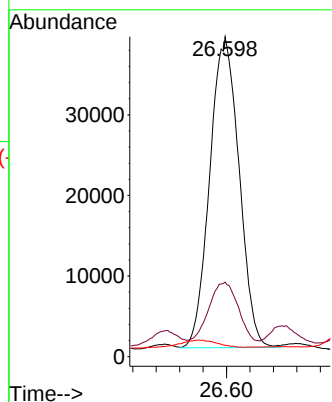
Tgt Ion:276 Resp: 133960

Ion Ratio Lower Upper

276 100

138 20.5 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.318 ng/ul

RT: 26.608 min Scan# 5840

Delta R.T. -0.000 min

Lab File: BN026236.D

Acq: 03 Jul 2023 21:50

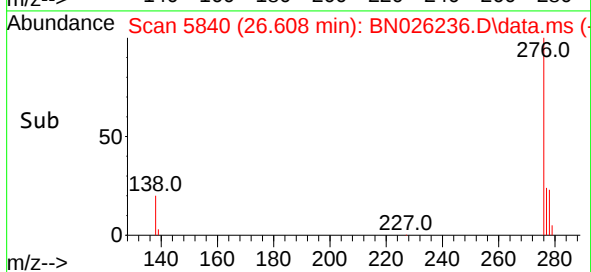
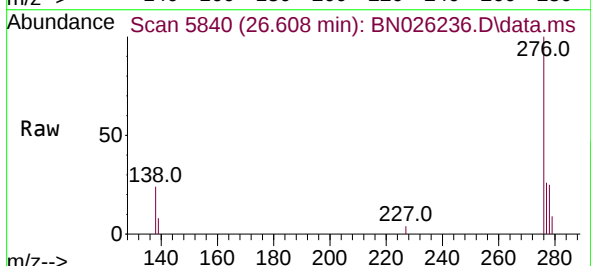
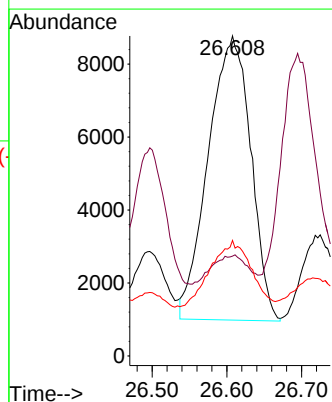
Tgt Ion:278 Resp: 30775

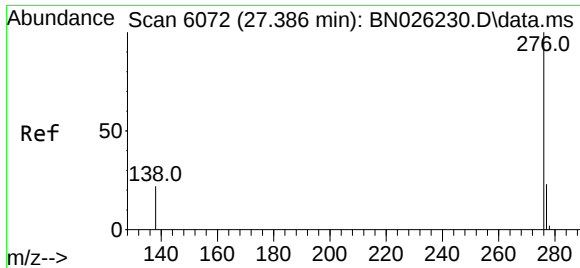
Ion Ratio Lower Upper

278 100

139 31.2 19.0 28.4#

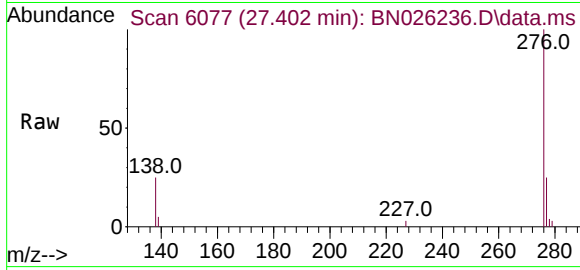
279 36.1 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.094 ng/ul
 RT: 27.402 min Scan# 6077
 Delta R.T. 0.017 min
 Lab File: BN026236.D
 Acq: 03 Jul 2023 21:50

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 124331
 Ion Ratio Lower Upper
 276 100
 138 24.9 23.4 35.0
 277 24.7 20.0 30.0

