

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026239.D
 Acq On : 03 Jul 2023 23:42
 Operator : MA/JU
 Sample : 03246-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 01:05:02 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)

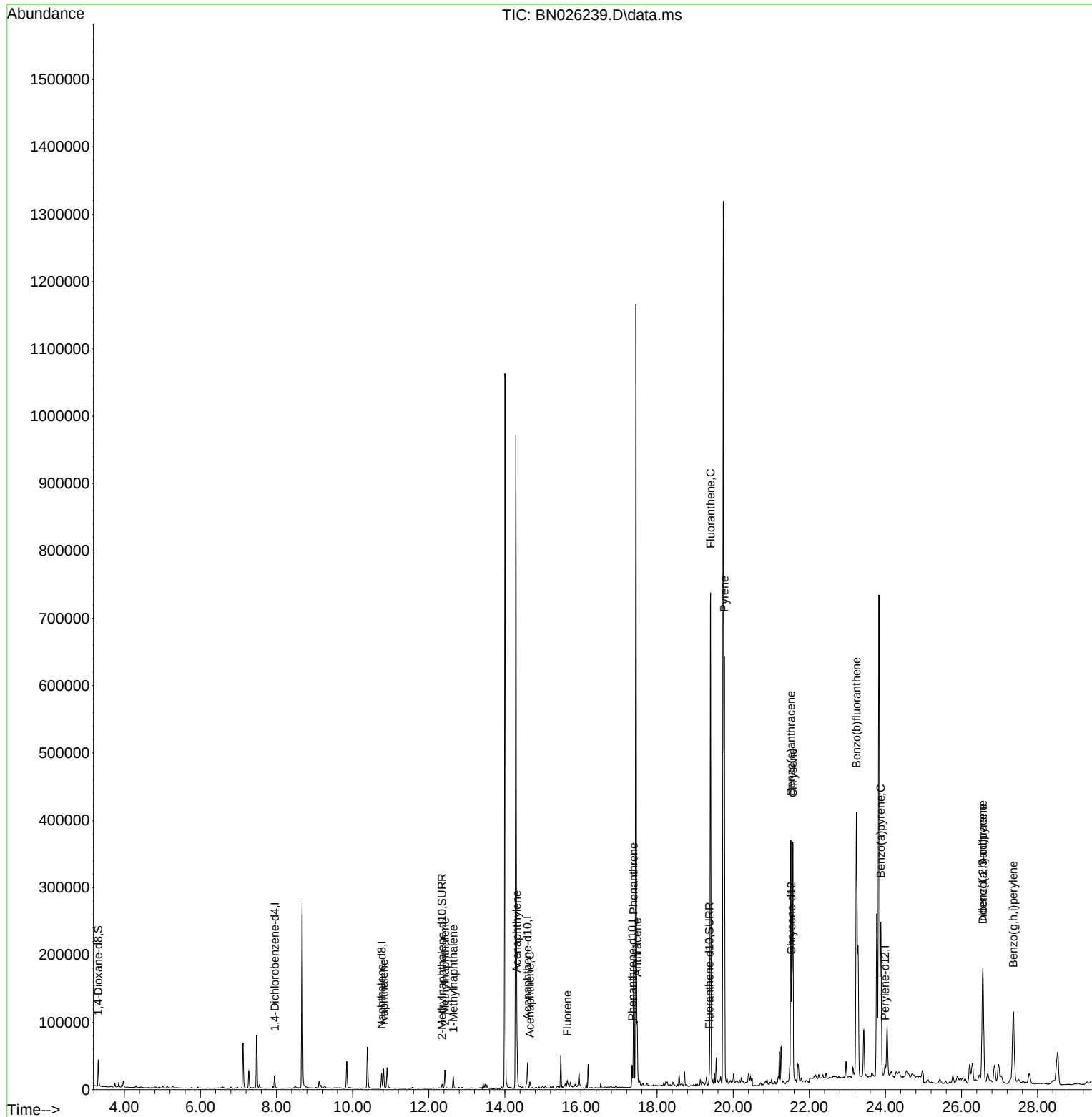
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	10165	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	31871	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	19653	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	39004	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	22513	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	23442	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	26558	2.320	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	8437	0.172	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	15770	0.184	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	40757	0.446	ng/ul	100
7) 2-Methylnaphthalene	12.425	142	20764	0.357	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	12558	0.208	ng/ul	99
10) Acenaphthylene	14.316	152	86289	0.938	ng/ul	99
11) Acenaphthene	14.658	153	5620	0.075	ng/ul	96
12) Fluorene	15.643	166	7873	0.091	ng/ul#	94
15) Phenanthrene	17.385	178	213420	1.657	ng/ul	99
16) Anthracene	17.478	178	96326	0.841	ng/ul	99
19) Fluoranthene	19.405	202	638798	5.312	ng/ul	96
20) Pyrene	19.768	202	527374	4.217	ng/ul	95
21) Benzo(a)anthracene	21.514	228	315293	3.395	ng/ul	97
22) Chrysene	21.567	228	401735	4.157	ng/ul	97
24) Benzo(b)fluoranthene	23.239	252	929351	9.288	ng/ul	89
26) Benzo(a)pyrene	23.879	252	346923	3.992	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.558	276	290596	3.062	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.558	278	77491	1.079	ng/ul	97
29) Benzo(g,h,i)perylene	27.362	276	254093	3.009	ng/ul#	93

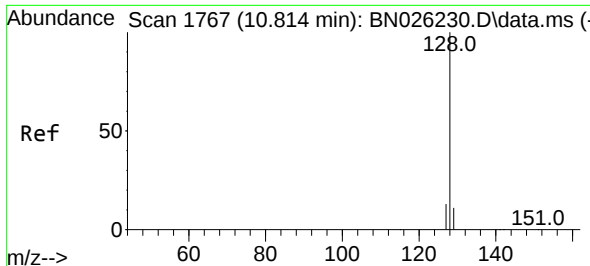
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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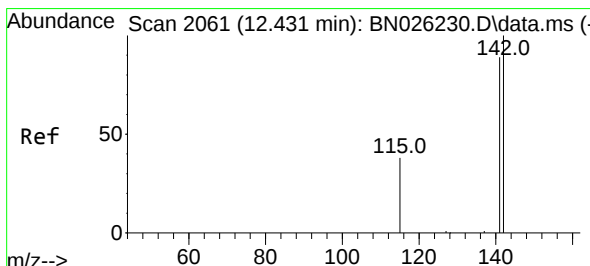
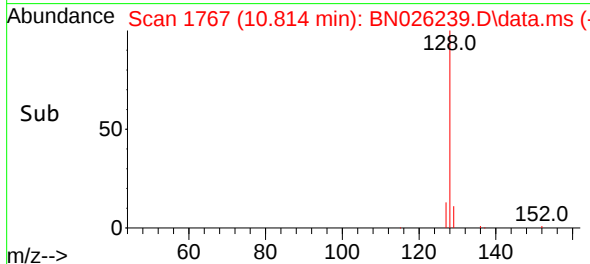
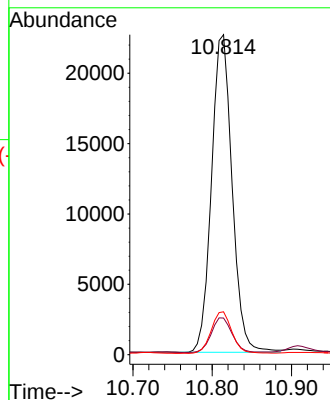
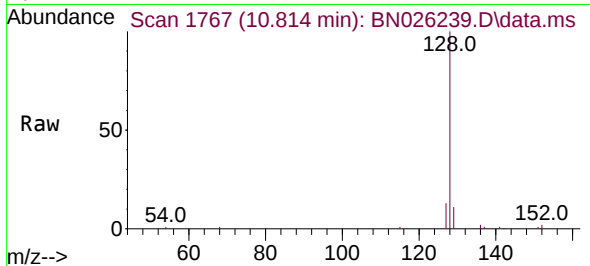




#5
Naphthalene
Concen: 0.446 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

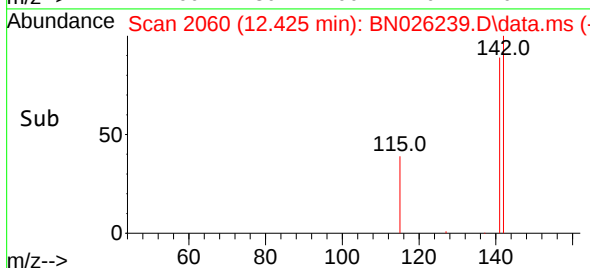
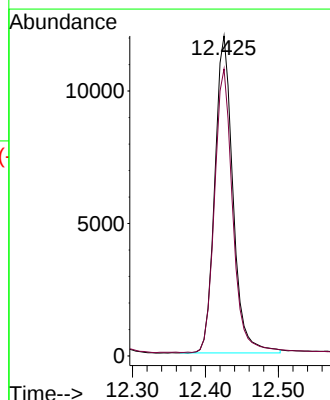
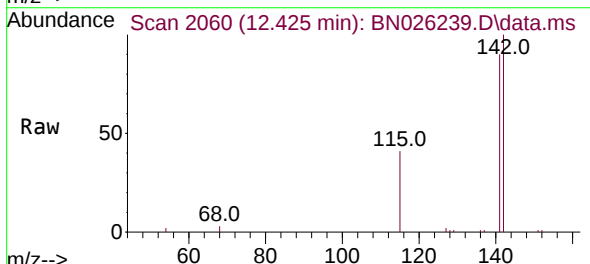
Instrument :
BNA_N
ClientSampleId :

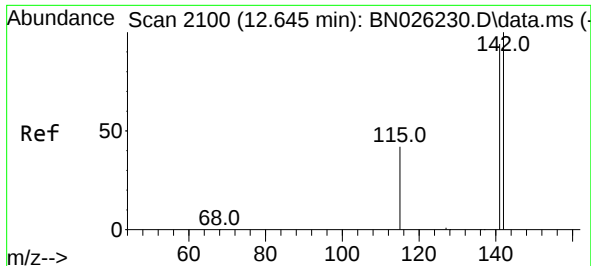
Tgt Ion:128 Resp: 40757
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.4 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

Tgt Ion:142 Resp: 20764
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9

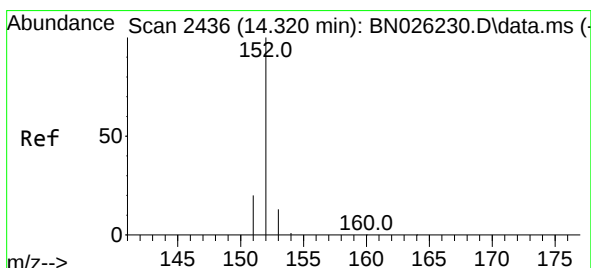
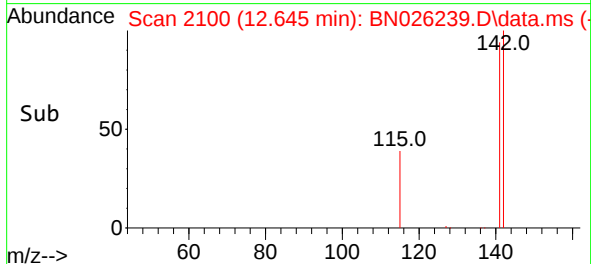
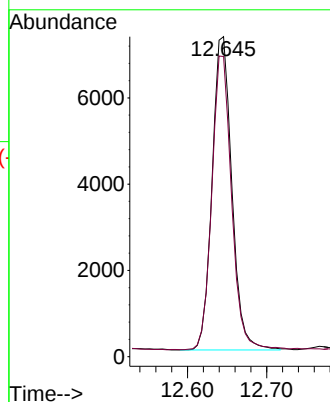
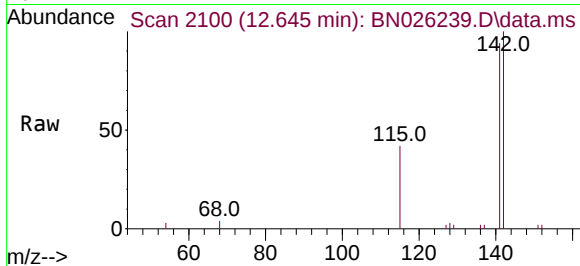




#8
1-Methylnaphthalene
Concen: 0.208 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

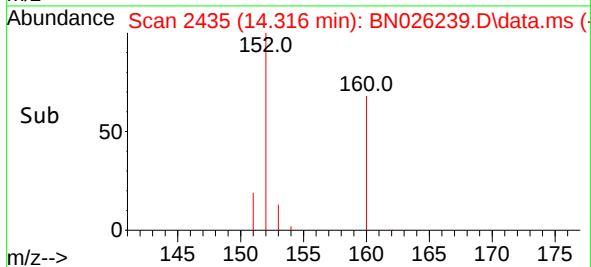
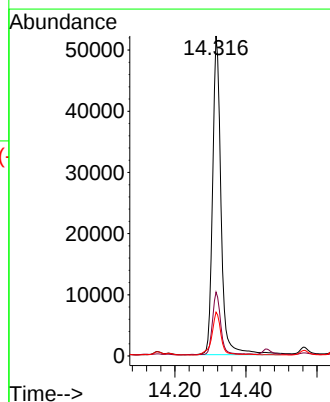
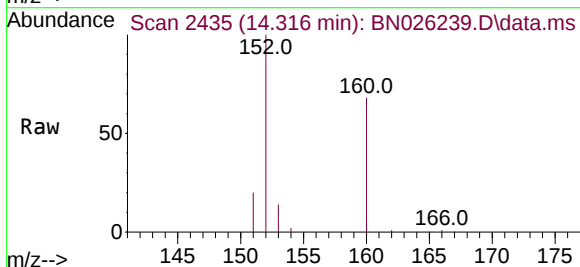
Instrument :
BNA_N
ClientSampleId :

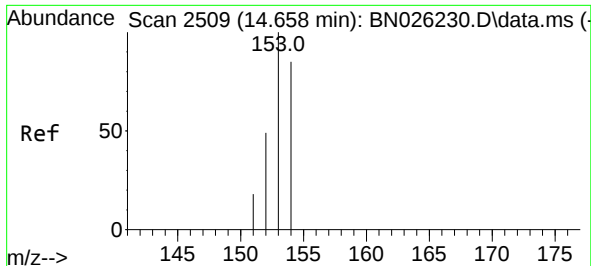
Tgt Ion:142 Resp: 12558
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4



#10
Acenaphthylene
Concen: 0.938 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

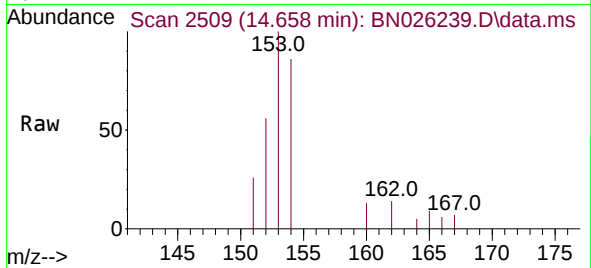
Tgt Ion:152 Resp: 86289
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.7 10.9 16.3



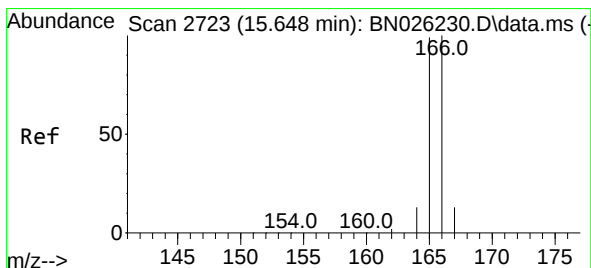
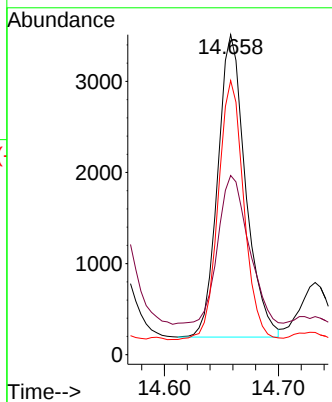
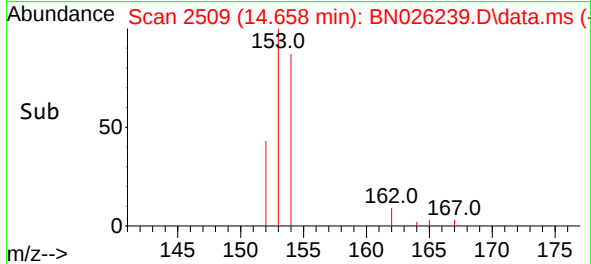


#11
Acenaphthene
Concen: 0.075 ng/ul
RT: 14.658 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

Instrument :
BNA_N
ClientSampleId :

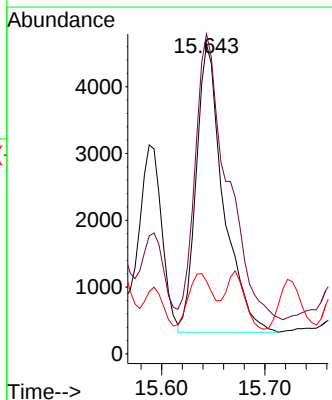
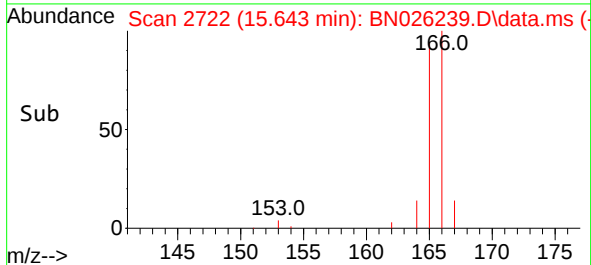
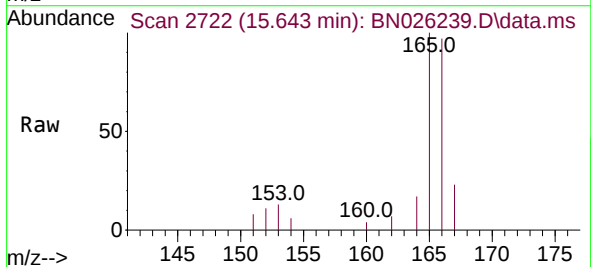


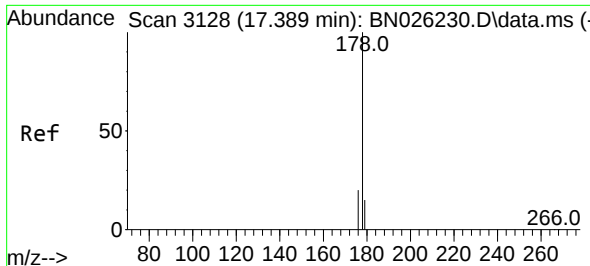
Tgt Ion:153 Resp: 5620
Ion Ratio Lower Upper
153 100
152 56.0 39.4 59.0
154 85.7 68.9 103.3



#12
Fluorene
Concen: 0.091 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

Tgt Ion:166 Resp: 7873
Ion Ratio Lower Upper
166 100
165 103.4 79.9 119.9
167 23.5 10.8 16.2#

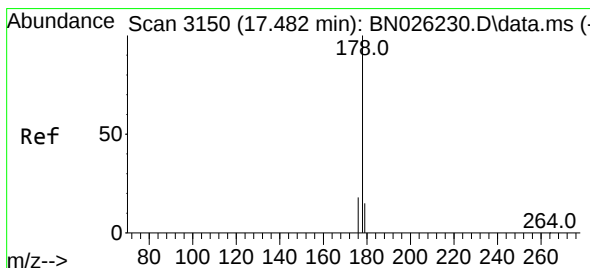
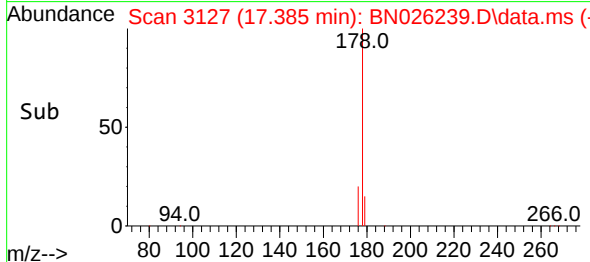
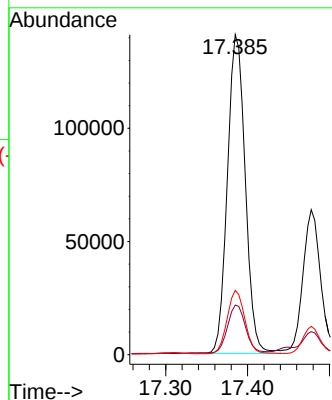
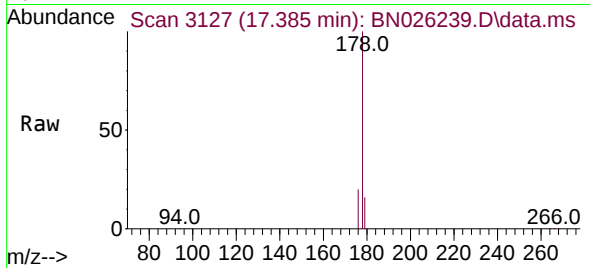




#15
Phenanthrene
Concen: 1.657 ng/ul
RT: 17.385 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

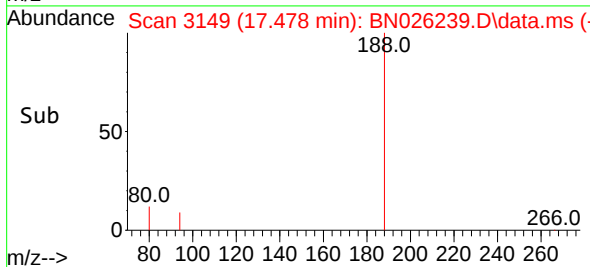
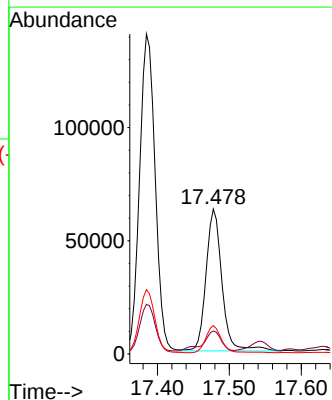
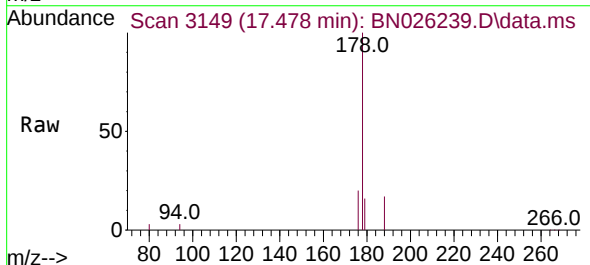
Instrument :
BNA_N
ClientSampleId :

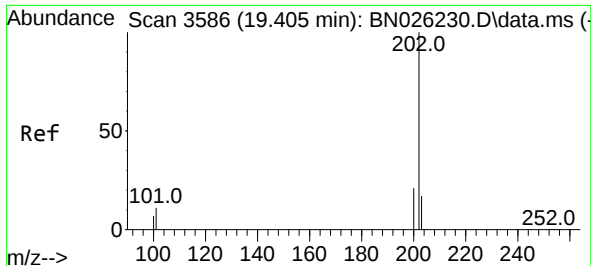
Tgt Ion:178 Resp: 213420
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 20.1 15.8 23.6



#16
Anthracene
Concen: 0.841 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

Tgt Ion:178 Resp: 96326
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.5 15.1 22.7

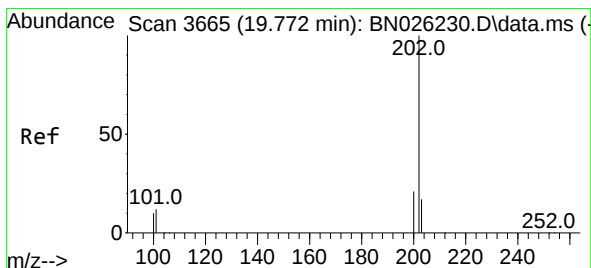
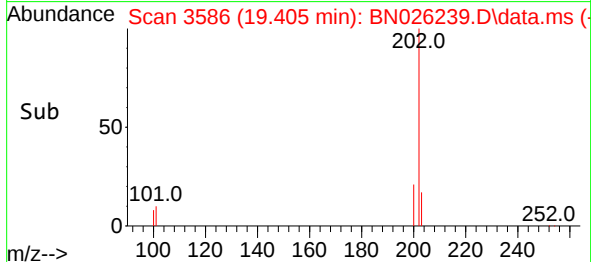
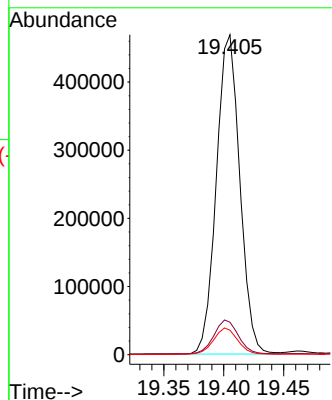
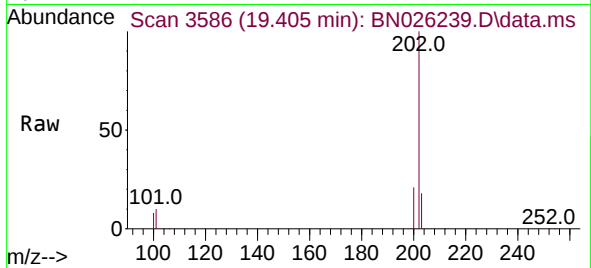




#19
Fluoranthene
Concen: 5.312 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

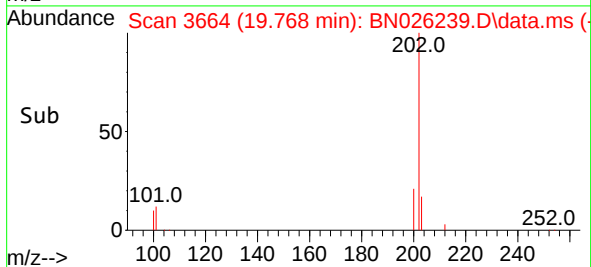
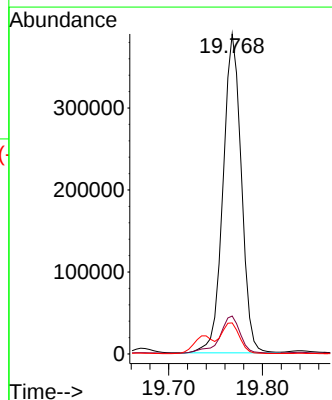
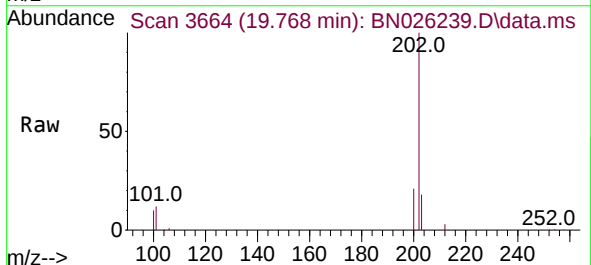
Instrument :
BNA_N
ClientSampleId :

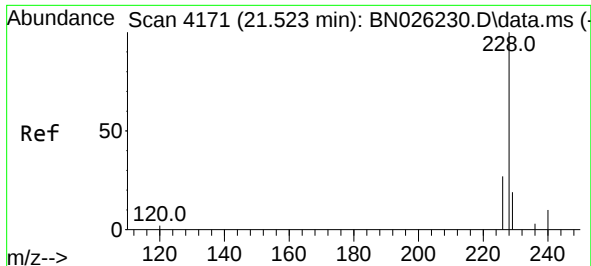
Tgt Ion:202 Resp: 638798
Ion Ratio Lower Upper
202 100
101 10.2 9.5 14.3
100 7.6 7.3 10.9



#20
Pyrene
Concen: 4.217 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

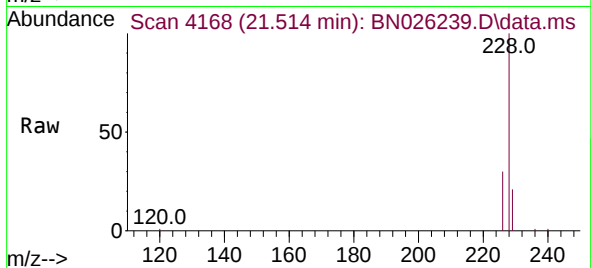
Tgt Ion:202 Resp: 527374
Ion Ratio Lower Upper
202 100
101 11.8 11.4 17.0
100 9.7 9.1 13.7



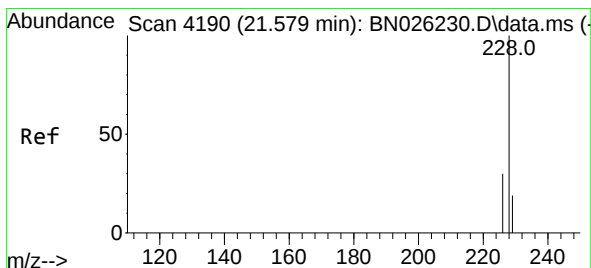
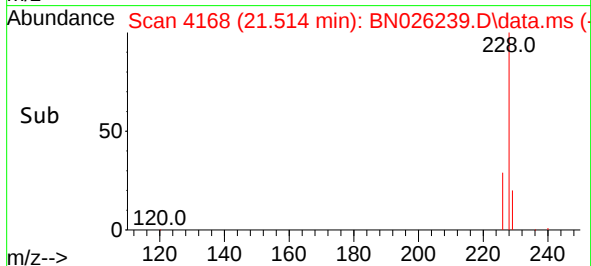
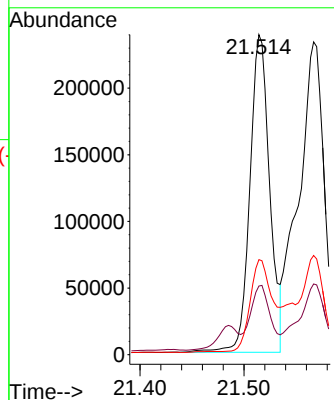


#21
Benzo(a)anthracene
Concen: 3.395 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.009 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

Instrument :
BNA_N
ClientSampleId :

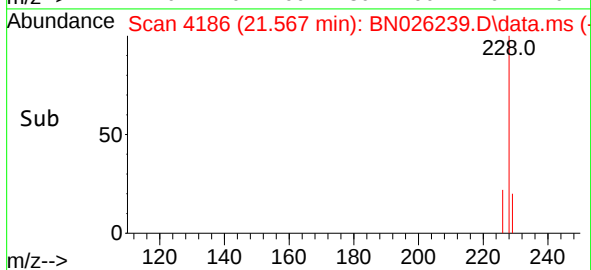
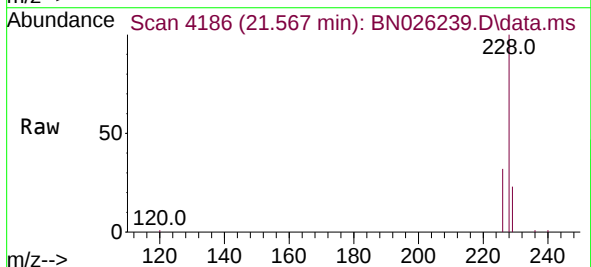
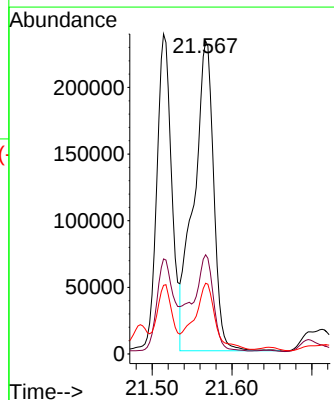


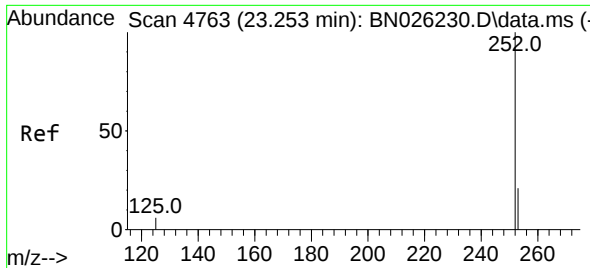
Tgt Ion:228 Resp: 315293
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 29.7 22.5 33.7



#22
Chrysene
Concen: 4.157 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

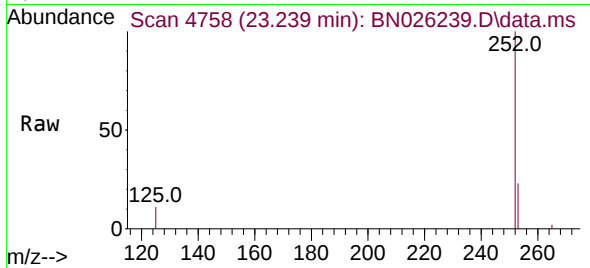
Tgt Ion:228 Resp: 401735
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 22.6 15.7 23.5



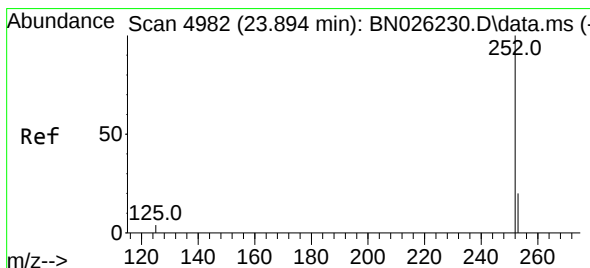
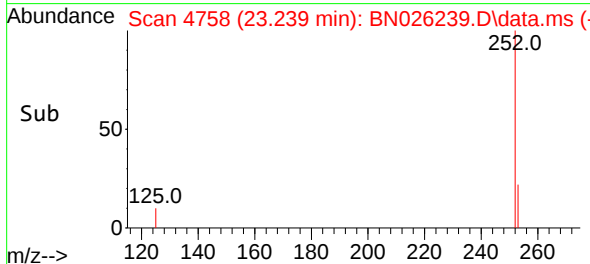
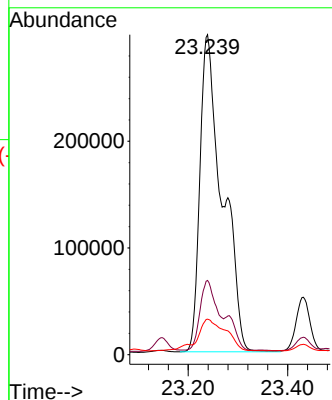


#24
Benzo(b)fluoranthene
Concen: 9.288 ng/ul
RT: 23.239 min Scan# 41
Delta R.T. -0.015 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

Instrument :
BNA_N
ClientSampleId :

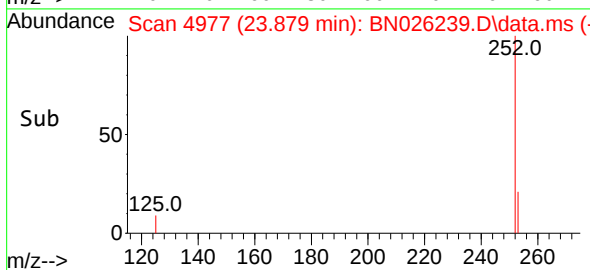
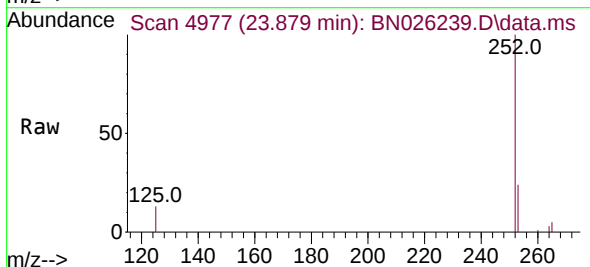
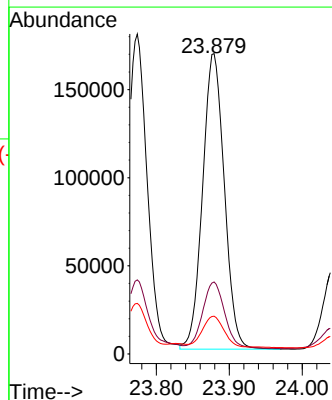


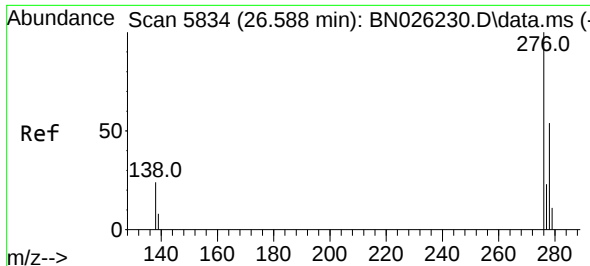
Tgt Ion:252 Resp: 929351
Ion Ratio Lower Upper
252 100
253 23.2 0.0 55.6
125 11.1 0.0 35.8



#26
Benzo(a)pyrene
Concen: 3.992 ng/ul
RT: 23.879 min Scan# 4977
Delta R.T. -0.015 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

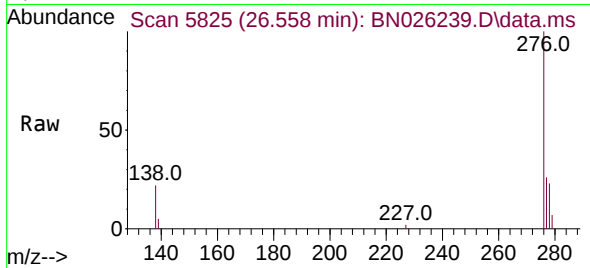
Tgt Ion:252 Resp: 346923
Ion Ratio Lower Upper
252 100
253 24.0 26.0 39.0#
125 12.6 17.3 25.9#



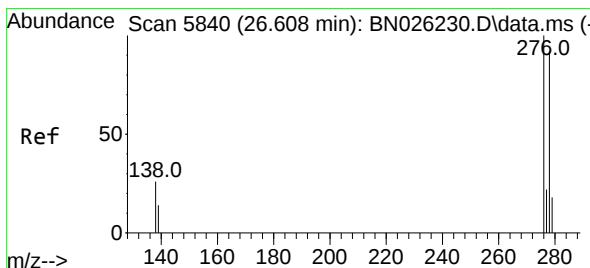
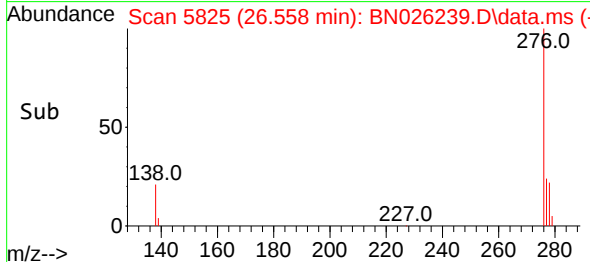
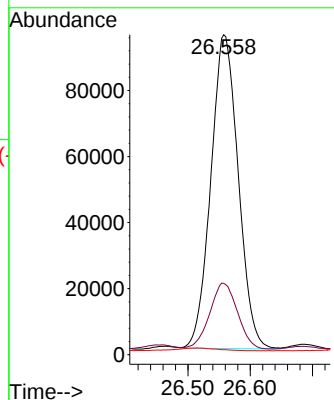


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.062 ng/ul
 RT: 26.558 min Scan# 5825
 Delta R.T. -0.030 min
 Lab File: BN026239.D
 Acq: 03 Jul 2023 23:42

Instrument :
 BNA_N
 ClientSampleId :

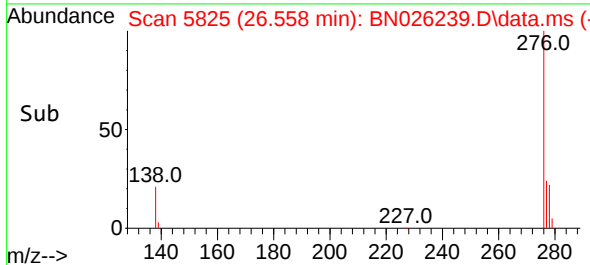
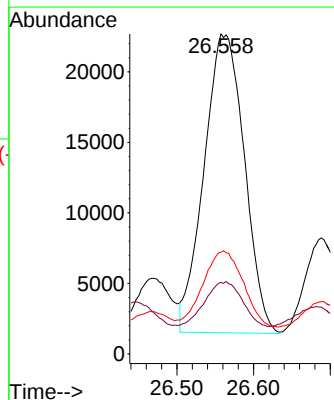
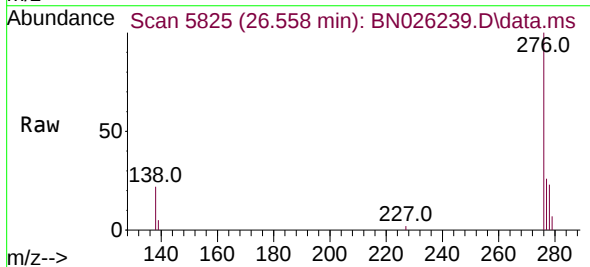


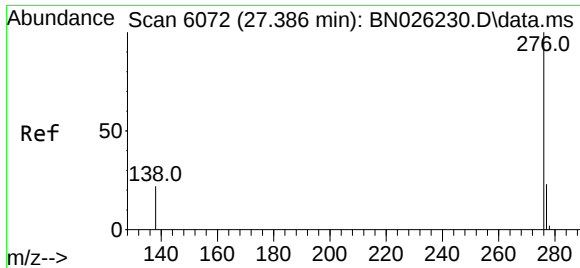
Tgt Ion:276 Resp: 290596
 Ion Ratio Lower Upper
 276 100
 138 21.3 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 1.079 ng/ul
 RT: 26.558 min Scan# 5825
 Delta R.T. -0.050 min
 Lab File: BN026239.D
 Acq: 03 Jul 2023 23:42

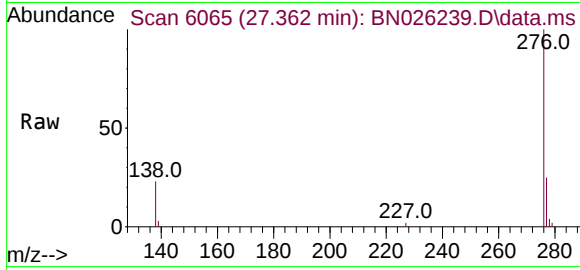
Tgt Ion:278 Resp: 77491
 Ion Ratio Lower Upper
 278 100
 139 22.3 19.0 28.4
 279 31.8 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 3.009 ng/ul
RT: 27.362 min Scan# 6072
Delta R.T. -0.023 min
Lab File: BN026239.D
Acq: 03 Jul 2023 23:42

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:276 Resp: 254093
Ion Ratio Lower Upper
276 100
138 23.2 23.4 35.0#
277 24.5 20.0 30.0

