

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026255.D
 Acq On : 04 Jul 2023 10:05
 Operator : MA/JU
 Sample : 03245-16DL 5X
 Misc :
 ALS Vial : 112 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 23:28:51 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)

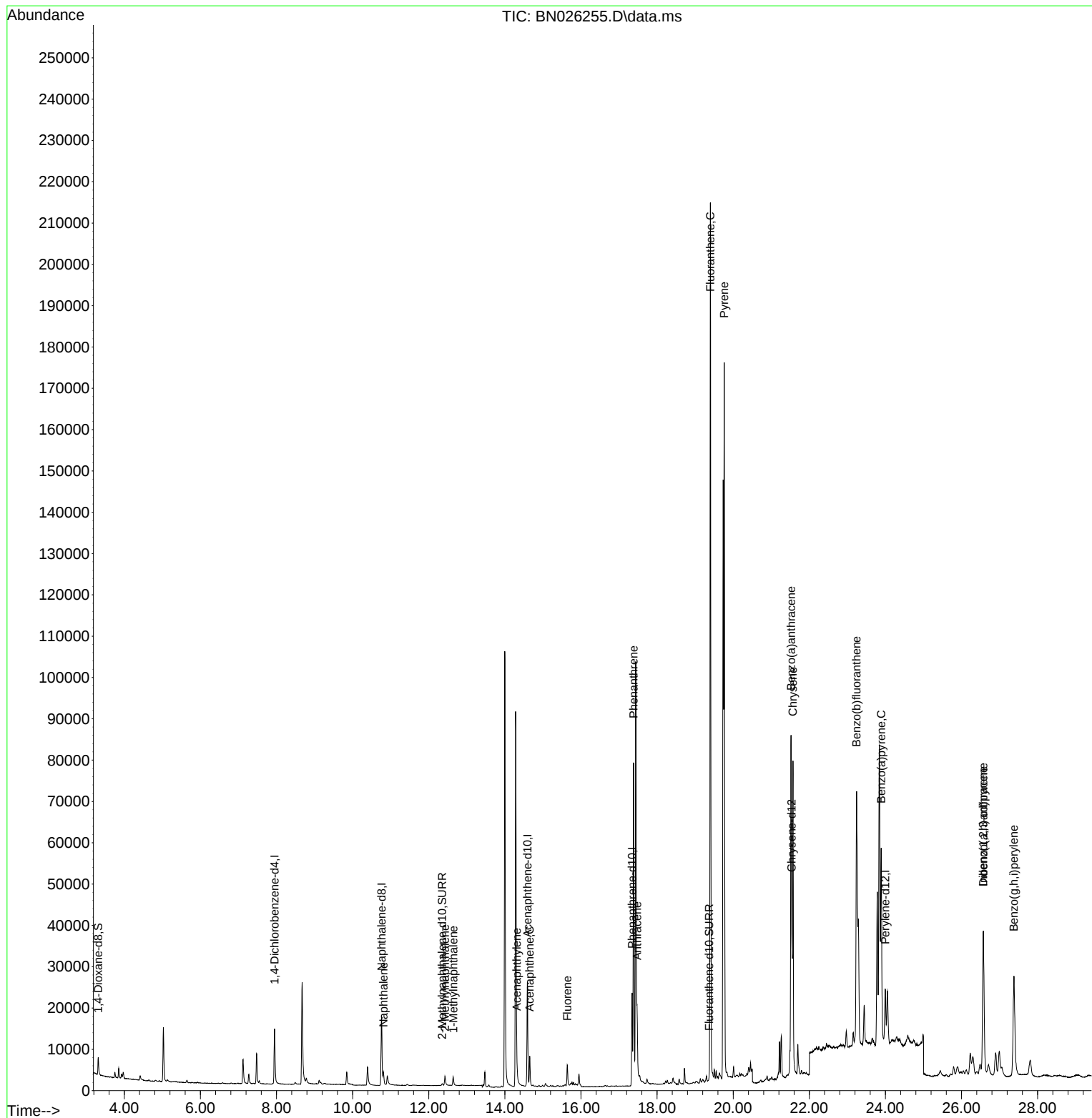
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	8476	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	26965	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	15177	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	28887	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	16642	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	18298	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3110	0.326	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	873	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	1531	0.024	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	4308	0.056	ng/ul#	92
7) 2-Methylnaphthalene	12.426	142	2114	0.043	ng/ul	100
8) 1-Methylnaphthalene	12.646	142	1705	0.033	ng/ul	100
10) Acenaphthylene	14.316	152	3617	0.051	ng/ul#	87
11) Acenaphthene	14.654	153	4429	0.076	ng/ul	97
12) Fluorene	15.644	166	3596	0.054	ng/ul#	97
15) Phenanthrene	17.385	178	90782	0.951	ng/ul	99
16) Anthracene	17.474	178	17993	0.212	ng/ul	96
19) Fluoranthene	19.401	202	190969	2.148	ng/ul	97
20) Pyrene	19.763	202	151877	1.643	ng/ul	97
21) Benzo(a)anthracene	21.520	228	73828	1.075	ng/ul	97
22) Chrysene	21.570	228	76898	1.076	ng/ul	96
24) Benzo(b)fluoranthene	23.242	252	152320	1.950	ng/ul	94
26) Benzo(a)pyrene	23.888	252	68276	1.007	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.574	276	56432	0.762	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.574	278	13400	0.239	ng/ul#	80
29) Benzo(g,h,i)perylene	27.376	276	52146	0.791	ng/ul	95

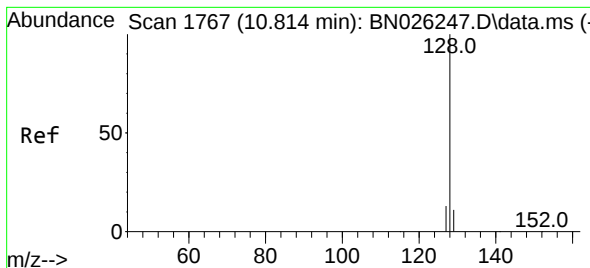
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.056 ng/ul

RT: 10.809 min Scan# 1766

Delta R.T. -0.005 min

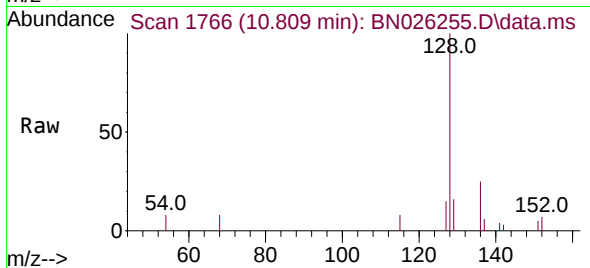
Lab File: BN026255.D

Acq: 04 Jul 2023 10:05

Instrument :

BNA_N

ClientSampleId :



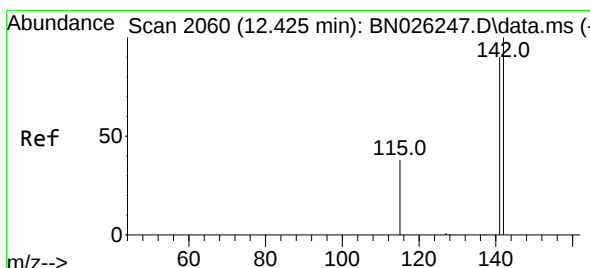
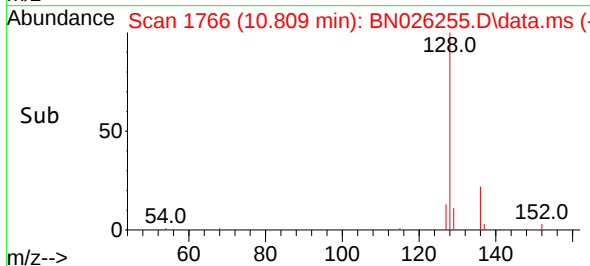
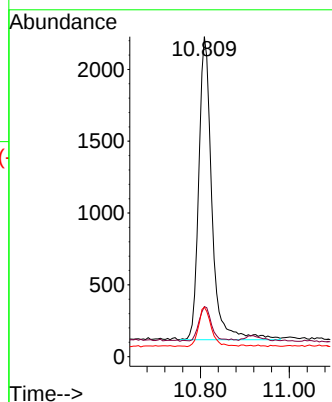
Tgt Ion:128 Resp: 4308

Ion Ratio Lower Upper

128 100

129 15.7 9.1 13.7#

127 15.4 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.043 ng/ul

RT: 12.426 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN026255.D

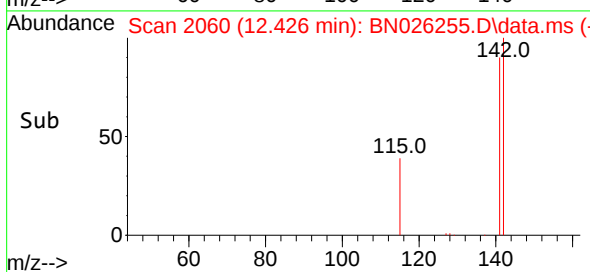
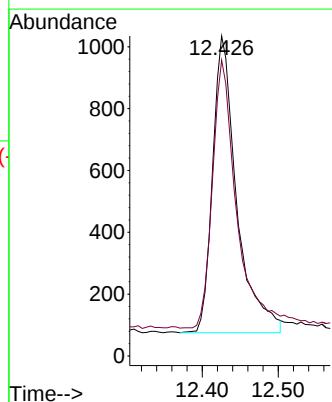
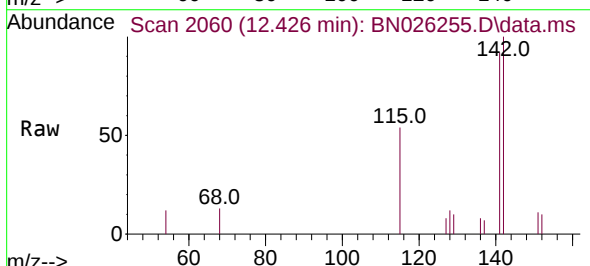
Acq: 04 Jul 2023 10:05

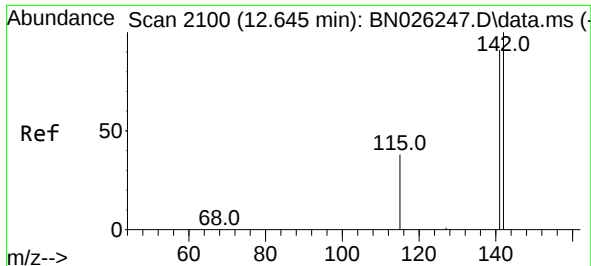
Tgt Ion:142 Resp: 2114

Ion Ratio Lower Upper

142 100

141 89.5 71.9 107.9

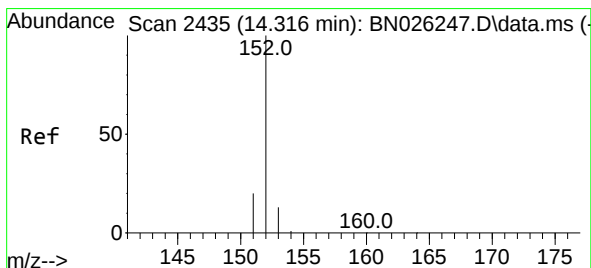
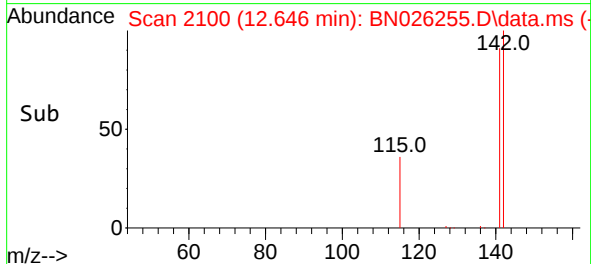
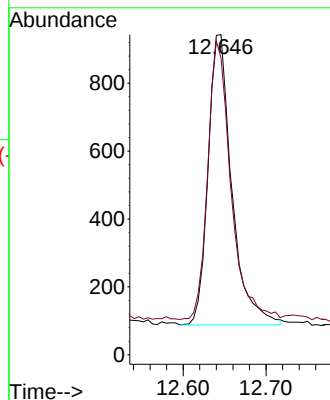
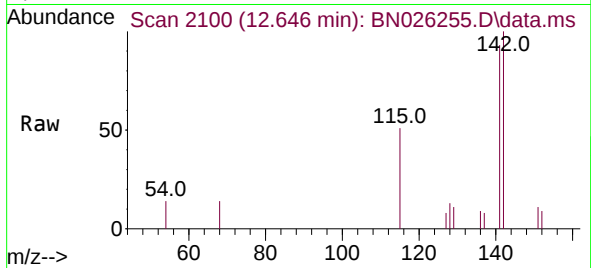




#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.646 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN026255.D
Acq: 04 Jul 2023 10:05

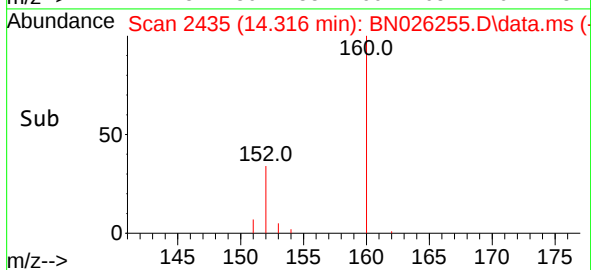
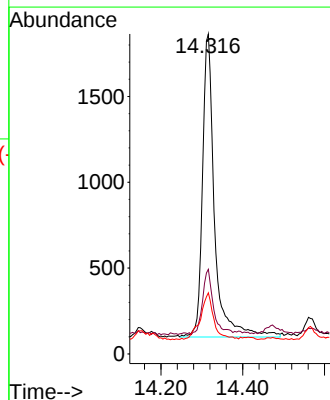
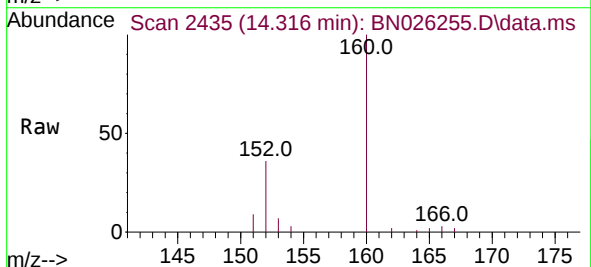
Instrument :
BNA_N
ClientSampleId :

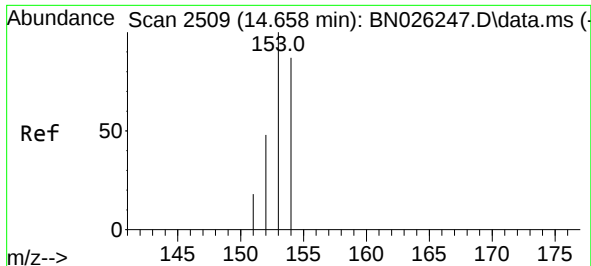
Tgt Ion:142 Resp: 1705
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4



#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026255.D
Acq: 04 Jul 2023 10:05

Tgt Ion:152 Resp: 3617
Ion Ratio Lower Upper
152 100
151 26.4 16.2 24.4#
153 19.1 10.9 16.3#

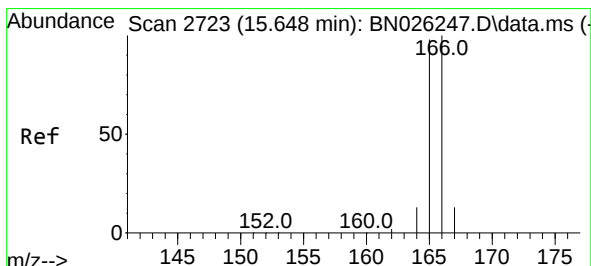
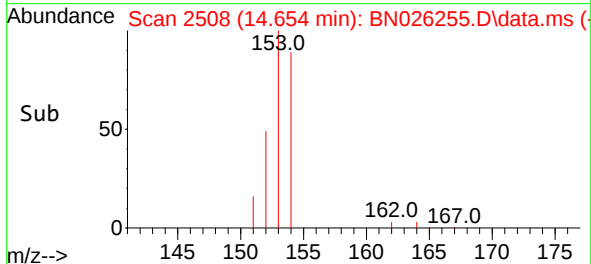
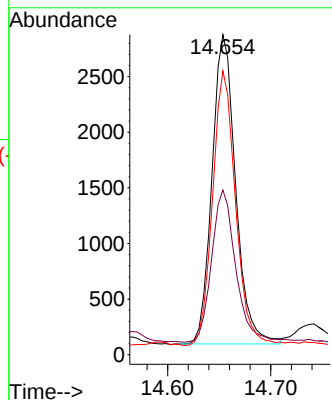
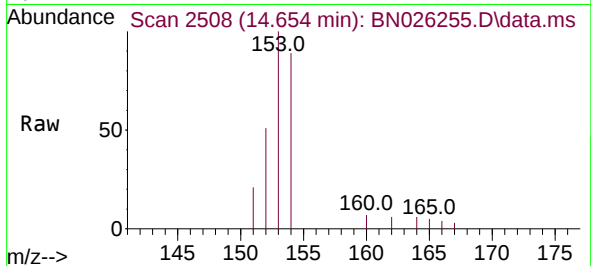




#11
Acenaphthene
Concen: 0.076 ng/ul
RT: 14.654 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN026255.D
Acq: 04 Jul 2023 10:05

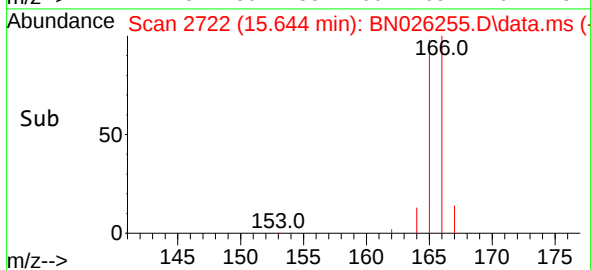
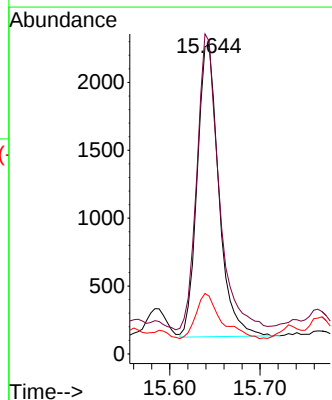
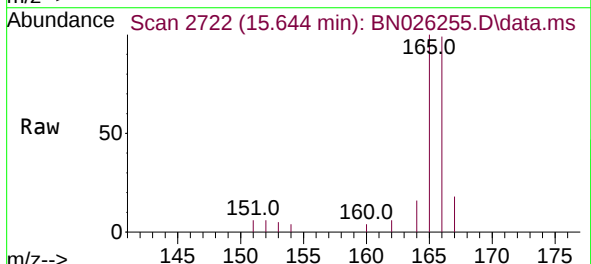
Instrument :
BNA_N
ClientSampleId :

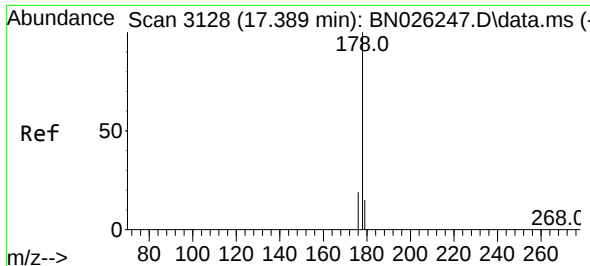
Tgt Ion:153 Resp: 4429
Ion Ratio Lower Upper
153 100
152 51.4 39.4 59.0
154 88.6 68.9 103.3



#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.644 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN026255.D
Acq: 04 Jul 2023 10:05

Tgt Ion:166 Resp: 3596
Ion Ratio Lower Upper
166 100
165 101.1 79.9 119.9
167 18.7 10.8 16.2#

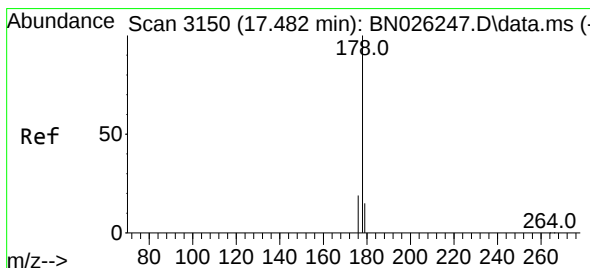
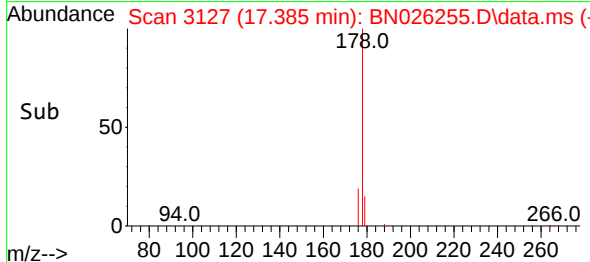
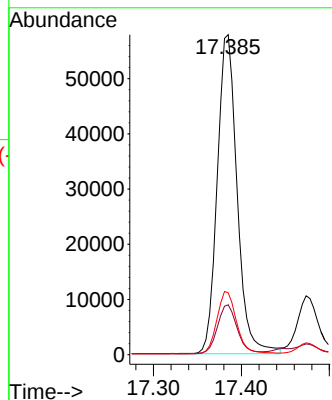
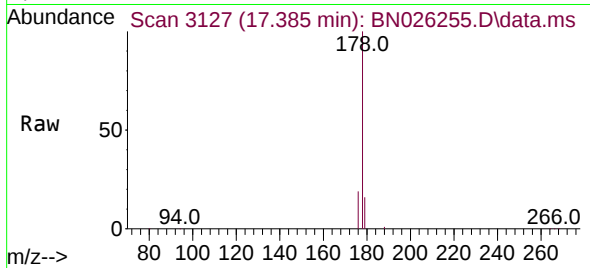




#15
Phenanthrene
Concen: 0.951 ng/ul
RT: 17.385 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BN026255.D
Acq: 04 Jul 2023 10:05

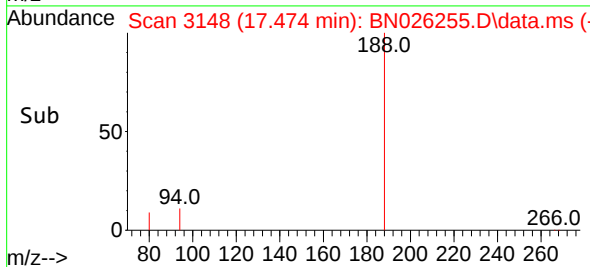
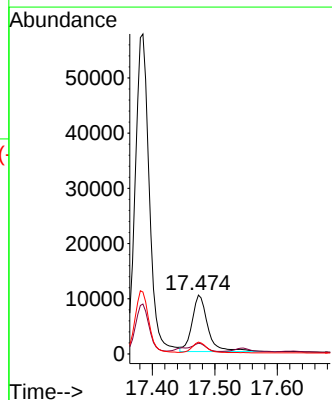
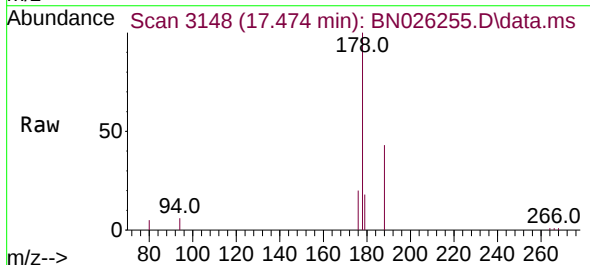
Instrument :
BNA_N
ClientSampleId :

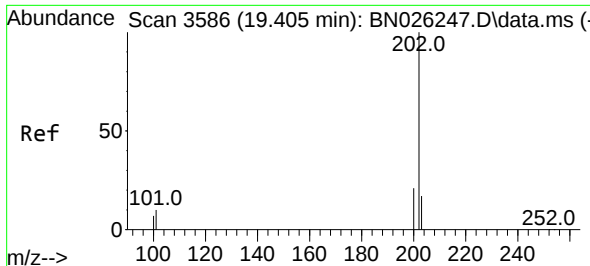
Tgt Ion:178 Resp: 90782
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.4 15.8 23.6



#16
Anthracene
Concen: 0.212 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.008 min
Lab File: BN026255.D
Acq: 04 Jul 2023 10:05

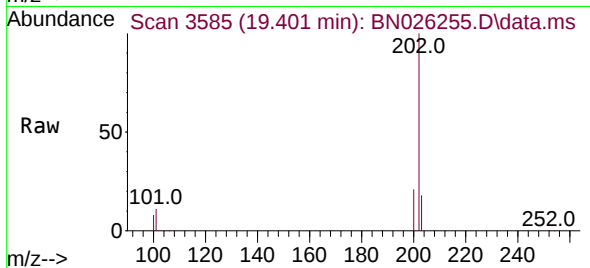
Tgt Ion:178 Resp: 17993
Ion Ratio Lower Upper
178 100
179 18.1 12.6 18.8
176 20.0 15.1 22.7



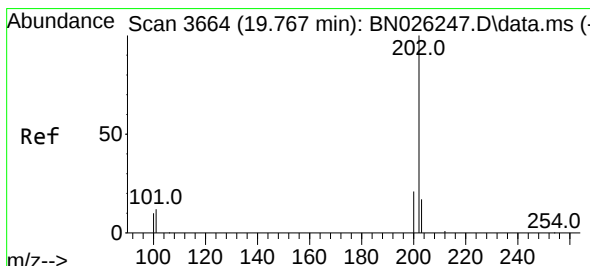
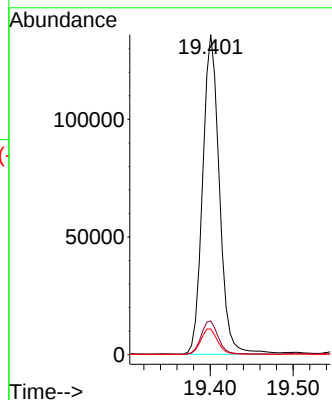
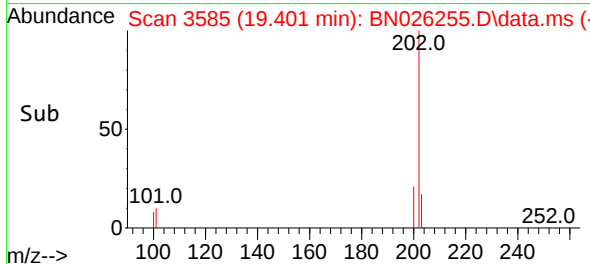


#19
Fluoranthene
Concen: 2.148 ng/ul
RT: 19.401 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026255.D
Acq: 04 Jul 2023 10:05

Instrument :
BNA_N
ClientSampleId :

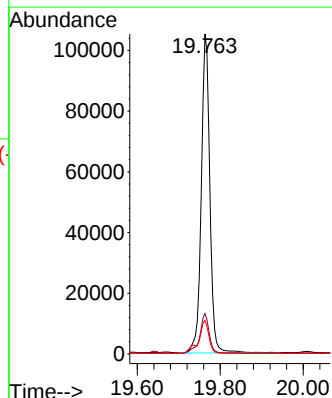
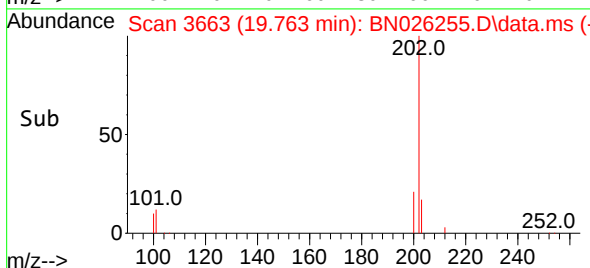
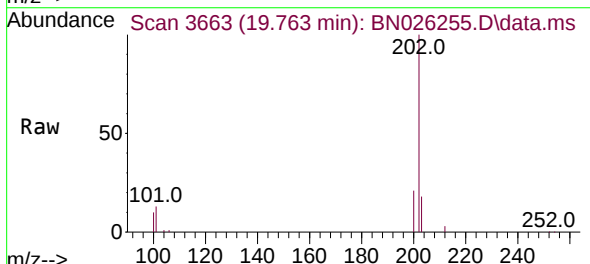


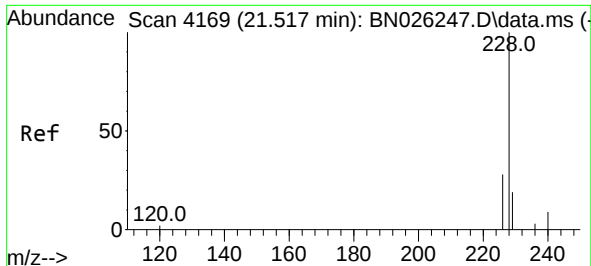
Tgt Ion:202 Resp: 190969
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 8.0 7.3 10.9



#20
Pyrene
Concen: 1.643 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BN026255.D
Acq: 04 Jul 2023 10:05

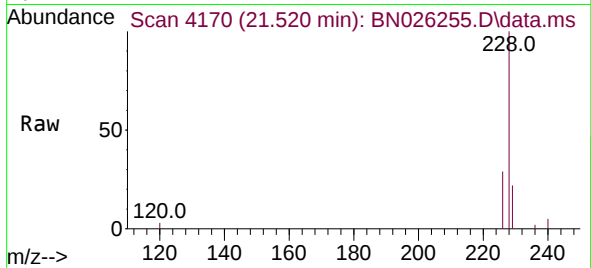
Tgt Ion:202 Resp: 151877
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.5 9.1 13.7



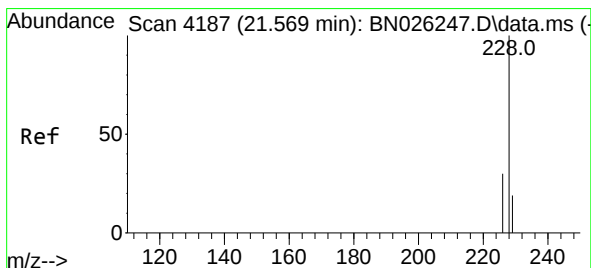
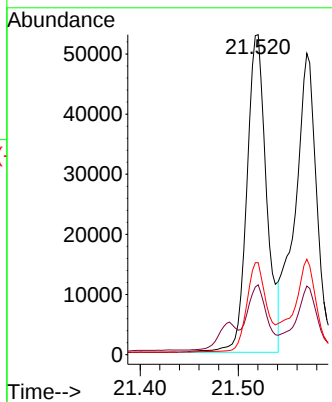
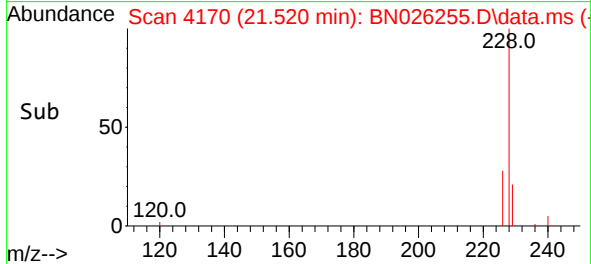


#21
Benzo(a)anthracene
Concen: 1.075 ng/ul
RT: 21.520 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BN026255.D
Acq: 04 Jul 2023 10:05

Instrument :
BNA_N
ClientSampleId :

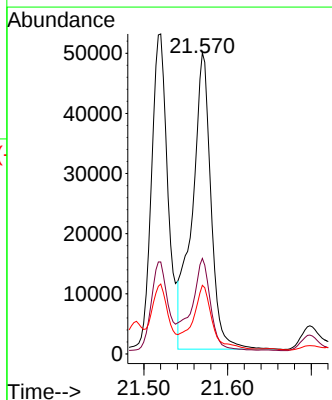
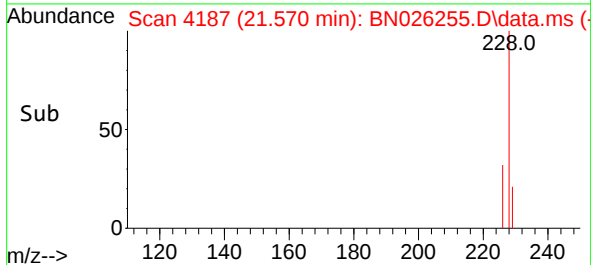
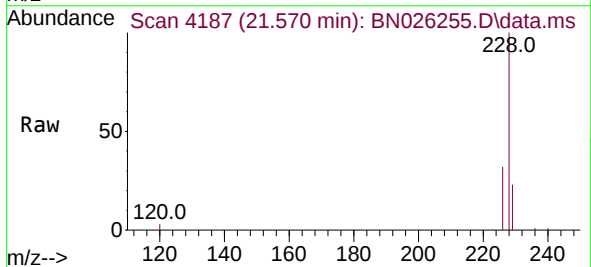


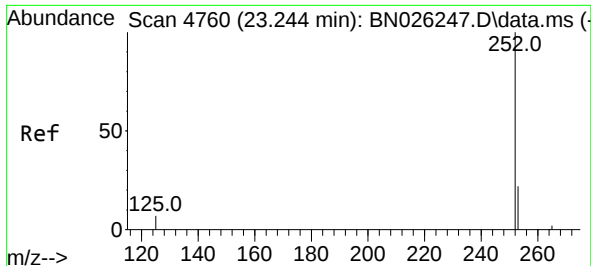
Tgt Ion:228 Resp: 73828
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 28.8 22.5 33.7



#22
Chrysene
Concen: 1.076 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026255.D
Acq: 04 Jul 2023 10:05

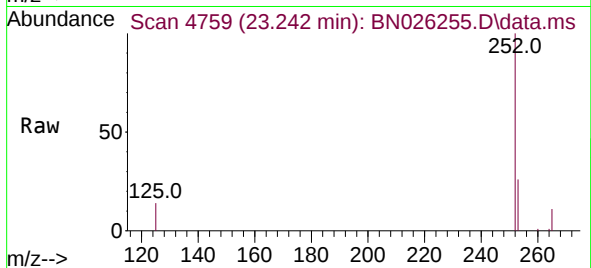
Tgt Ion:228 Resp: 76898
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 22.8 15.7 23.5



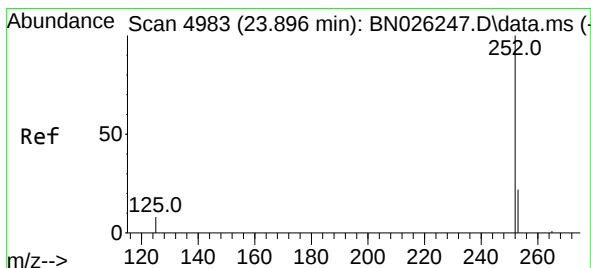
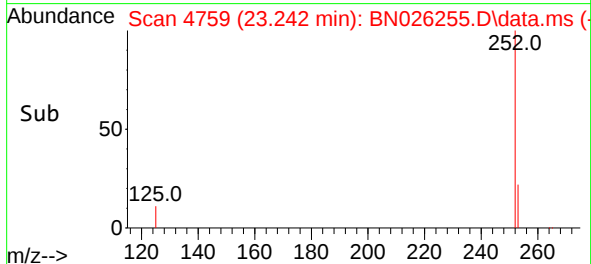
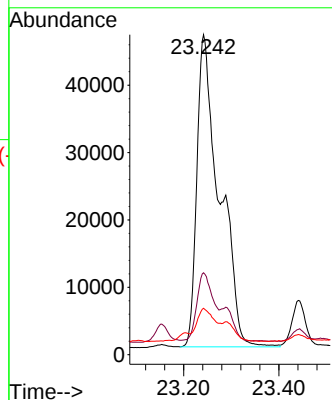


#24
Benzo(b)fluoranthene
Concen: 1.950 ng/ul
RT: 23.242 min Scan# 4760
Delta R.T. -0.012 min
Lab File: BN026255.D
Acq: 04 Jul 2023 10:05

Instrument :
BNA_N
ClientSampleId :

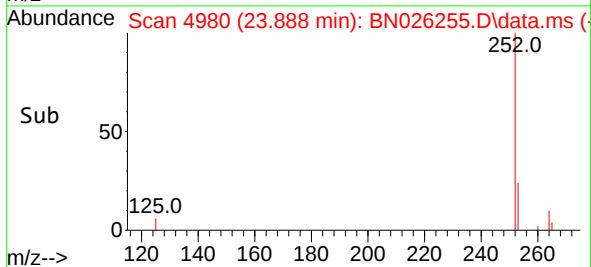
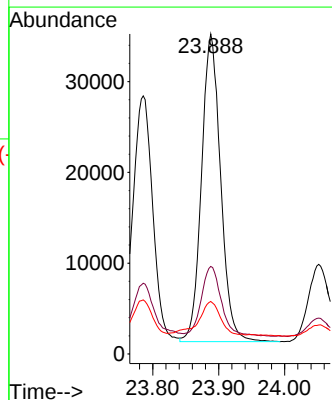
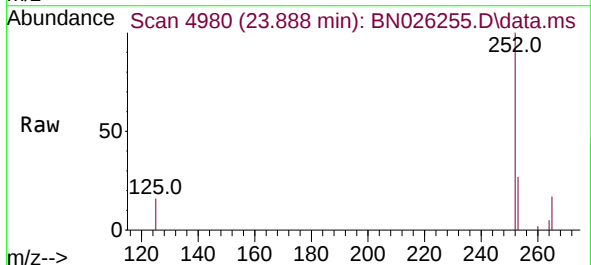


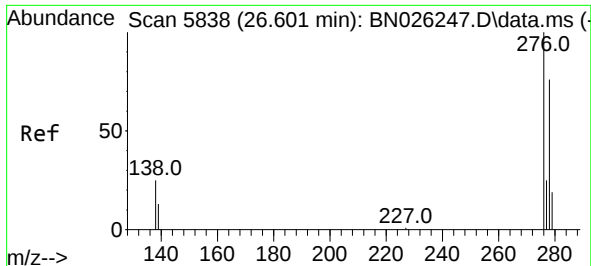
Tgt Ion:252 Resp: 152320
Ion Ratio Lower Upper
252 100
253 25.6 0.0 55.6
125 14.5 0.0 35.8



#26
Benzo(a)pyrene
Concen: 1.007 ng/ul
RT: 23.888 min Scan# 4980
Delta R.T. -0.006 min
Lab File: BN026255.D
Acq: 04 Jul 2023 10:05

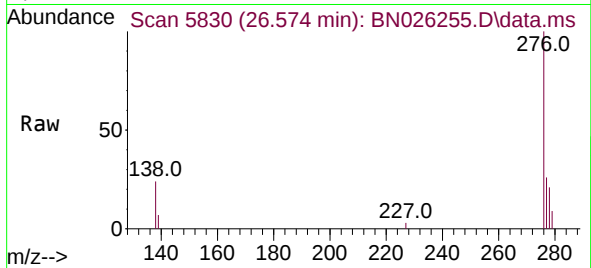
Tgt Ion:252 Resp: 68276
Ion Ratio Lower Upper
252 100
253 27.3 26.0 39.0
125 16.4 17.3 25.9#



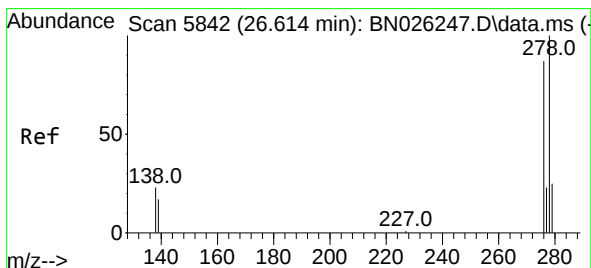
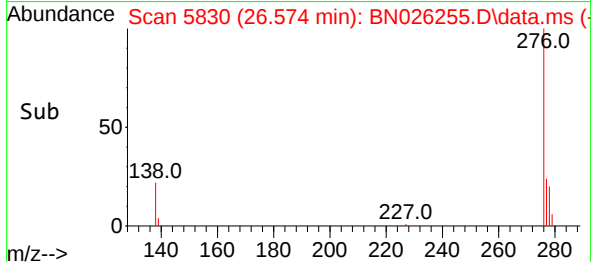
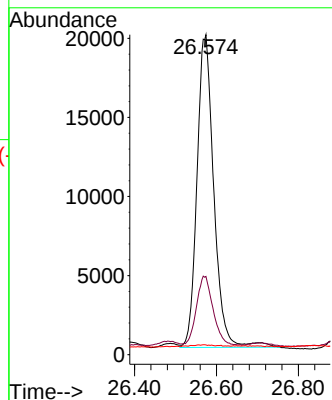


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.762 ng/ul
 RT: 26.574 min Scan# 5830
 Delta R.T. -0.013 min
 Lab File: BN026255.D
 Acq: 04 Jul 2023 10:05

Instrument :
 BNA_N
 ClientSampleId :

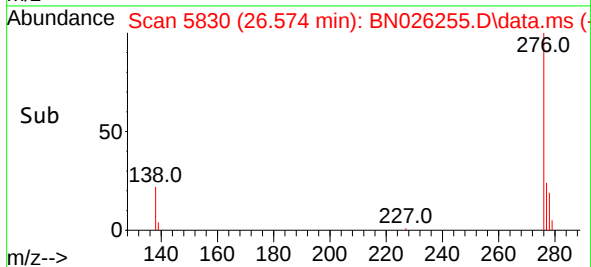
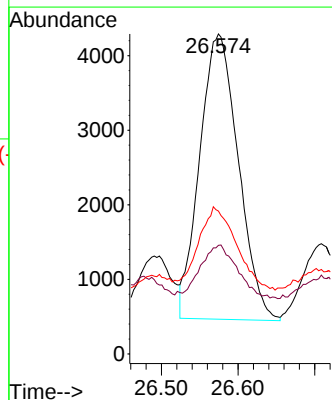
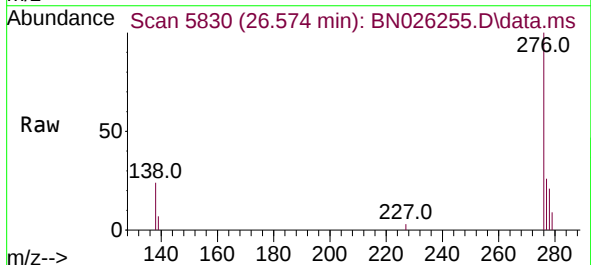


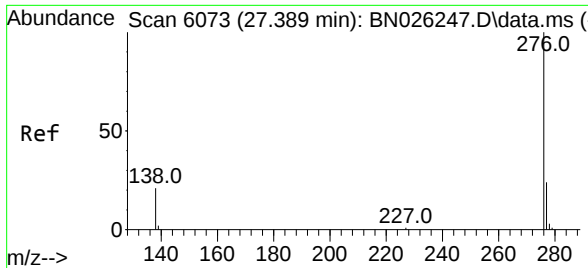
Tgt Ion:276 Resp: 56432
 Ion Ratio Lower Upper
 276 100
 138 22.2 24.5 36.7#
 227 0.6 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.239 ng/ul
 RT: 26.574 min Scan# 5830
 Delta R.T. -0.033 min
 Lab File: BN026255.D
 Acq: 04 Jul 2023 10:05

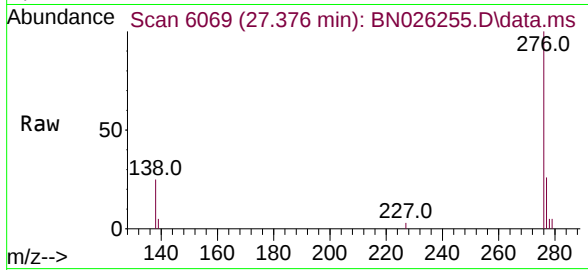
Tgt Ion:278 Resp: 13400
 Ion Ratio Lower Upper
 278 100
 139 33.9 19.0 28.4#
 279 44.6 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.791 ng/ul
 RT: 27.376 min Scan# 6069
 Delta R.T. -0.010 min
 Lab File: BN026255.D
 Acq: 04 Jul 2023 10:05

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	52146
Ion Ratio	Lower	Upper	
276	100		
138	25.5	23.4	35.0
277	25.9	20.0	30.0

