

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026254.D
 Acq On : 04 Jul 2023 09:28
 Operator : MA/JU
 Sample : 03245-15DL 5X
 Misc :
 ALS Vial : 111 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 23:28:38 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)

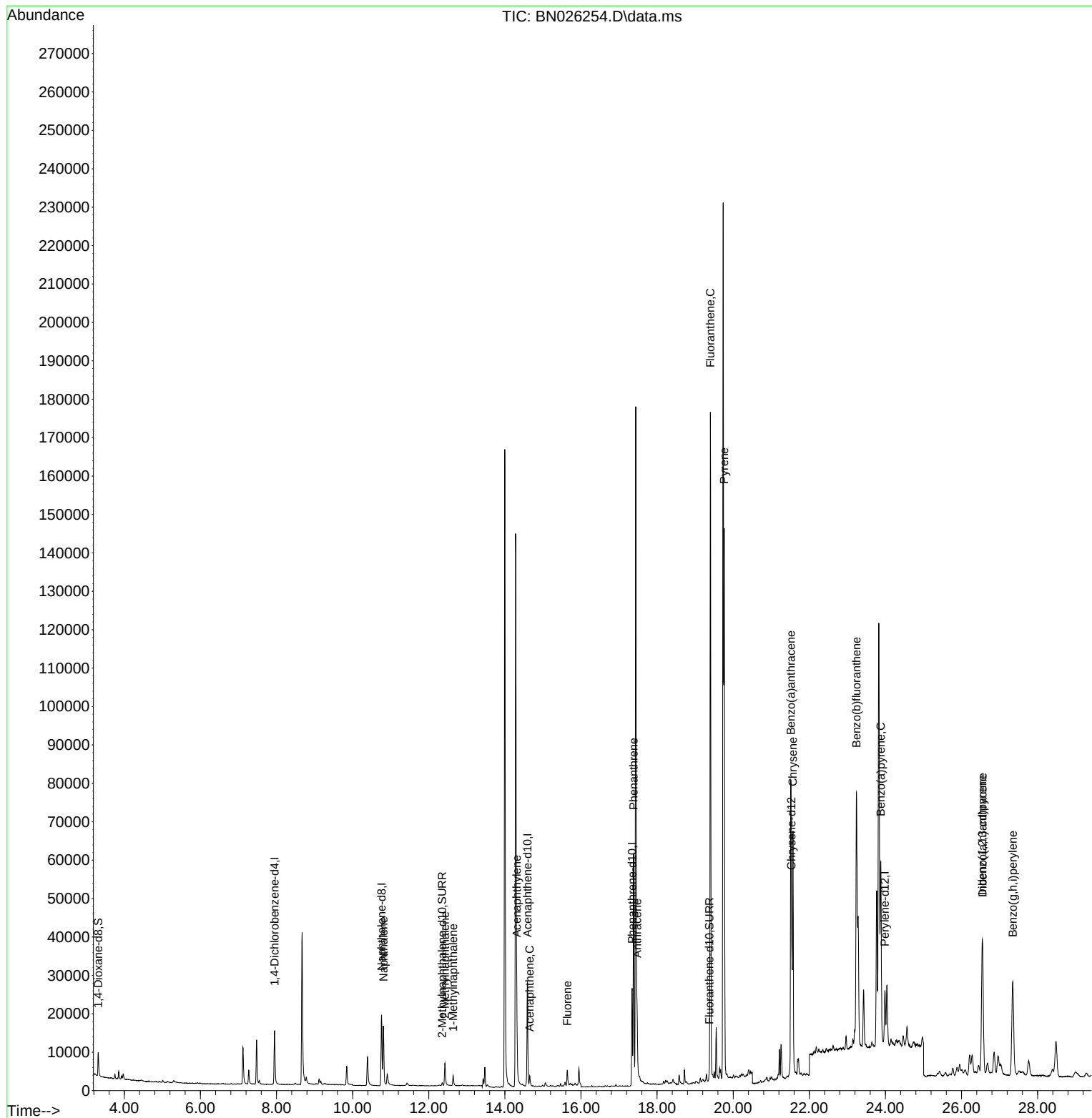
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	8645	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	27815	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	15979	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	31779	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	18211	0.400	ng/ul	0.00
23) Perylene-d12	23.987	264	19621	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4482	0.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1310	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	2536	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	23249	0.292	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	5344	0.105	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	2104	0.040	ng/ul	98
10) Acenaphthylene	14.311	152	21492	0.287	ng/ul	100
11) Acenaphthene	14.653	153	1654	0.027	ng/ul	94
12) Fluorene	15.639	166	3041	0.043	ng/ul#	95
15) Phenanthrene	17.385	178	68759	0.655	ng/ul	99
16) Anthracene	17.473	178	18030	0.193	ng/ul	98
19) Fluoranthene	19.400	202	157298	1.617	ng/ul	98
20) Pyrene	19.763	202	120006	1.186	ng/ul	97
21) Benzo(a)anthracene	21.514	228	69300	0.922	ng/ul	96
22) Chrysene	21.570	228	72052	0.922	ng/ul	97
24) Benzo(b)fluoranthene	23.239	252	162289	1.938	ng/ul	93
26) Benzo(a)pyrene	23.876	252	73592	1.012	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.547	276	64248	0.809	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.551	278	15499	0.258	ng/ul#	84
29) Benzo(g,h,i)perylene	27.346	276	58207	0.824	ng/ul	95

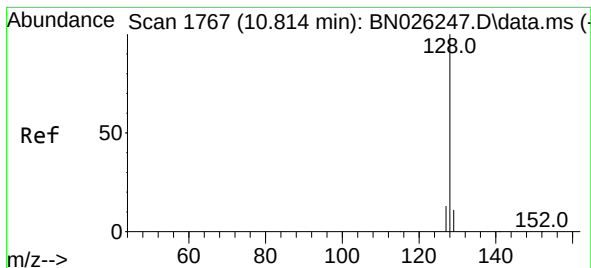
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.292 ng/ul

RT: 10.809 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BN026254.D

Acq: 04 Jul 2023 09:28

Instrument :

BNA_N

ClientSampleId :

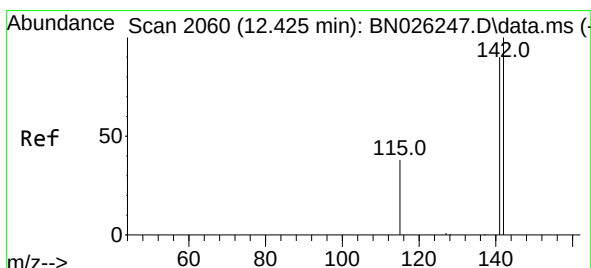
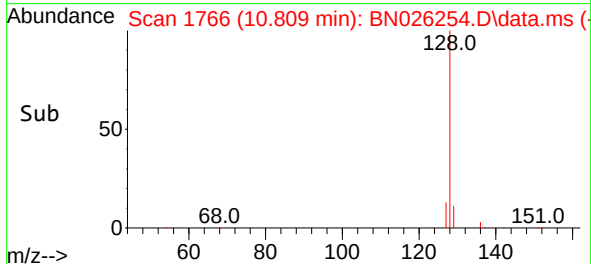
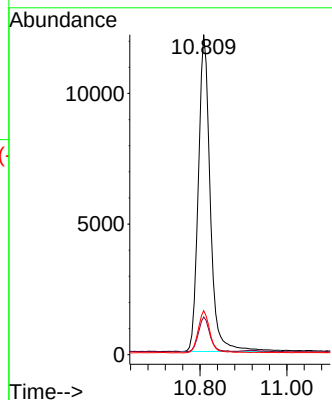
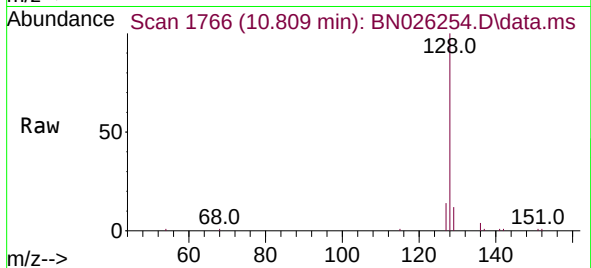
Tgt Ion:128 Resp: 23249

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

127 13.8 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.105 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BN026254.D

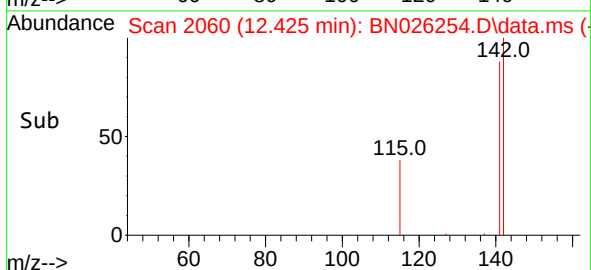
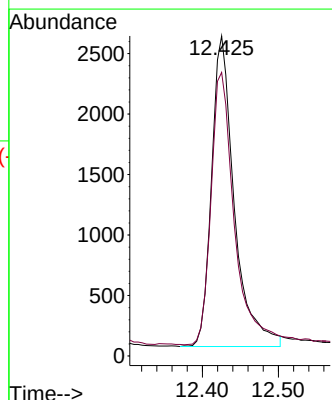
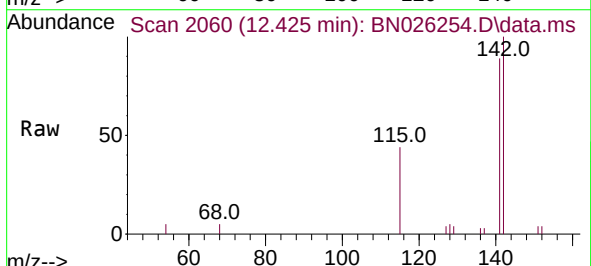
Acq: 04 Jul 2023 09:28

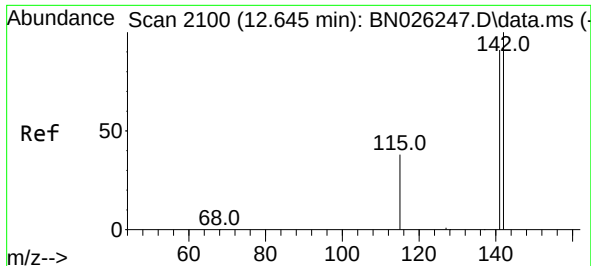
Tgt Ion:142 Resp: 5344

Ion Ratio Lower Upper

142 100

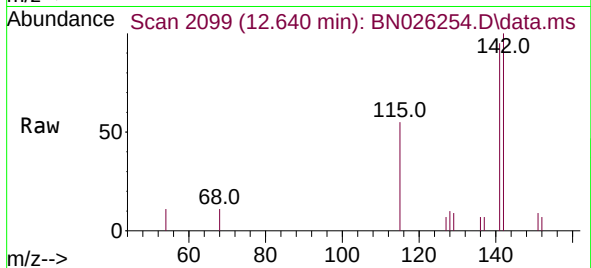
141 89.7 71.9 107.9



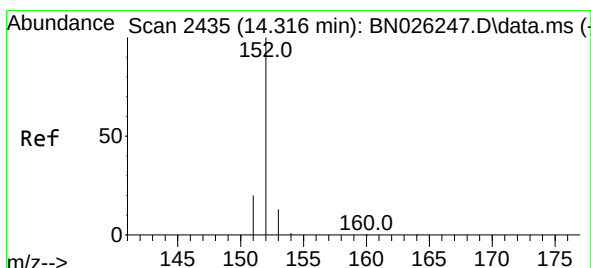
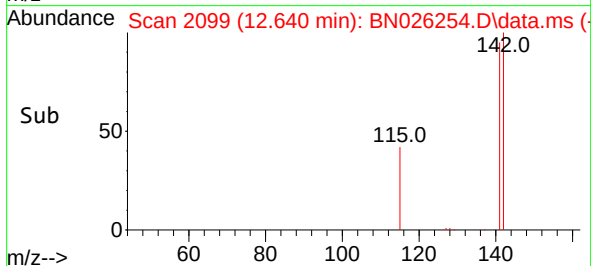
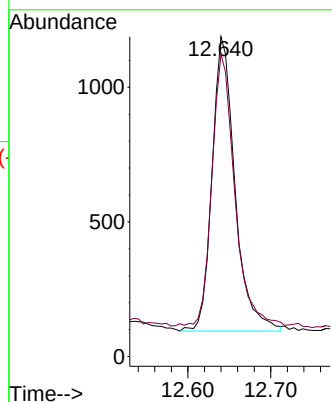


#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.640 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

Instrument :
BNA_N
ClientSampleId :

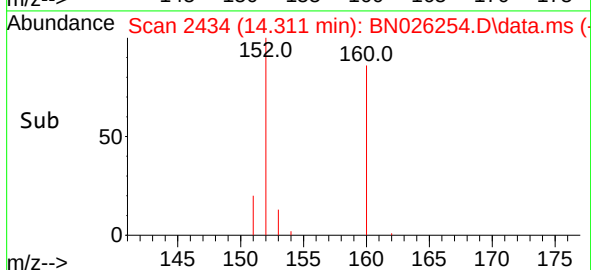
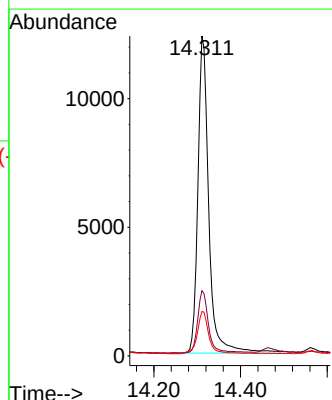
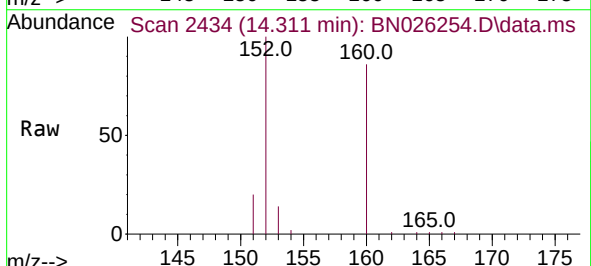


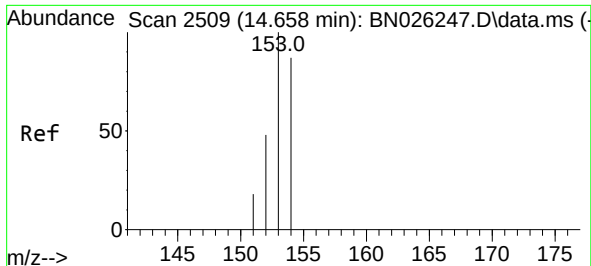
Tgt Ion:142 Resp: 2104
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4



#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

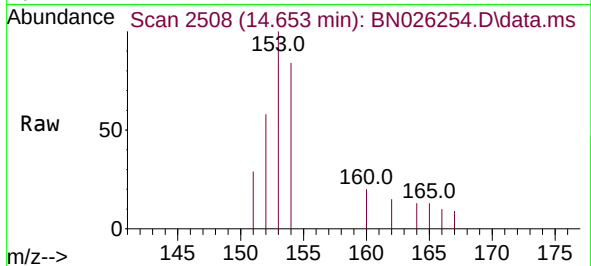
Tgt Ion:152 Resp: 21492
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.9 10.9 16.3



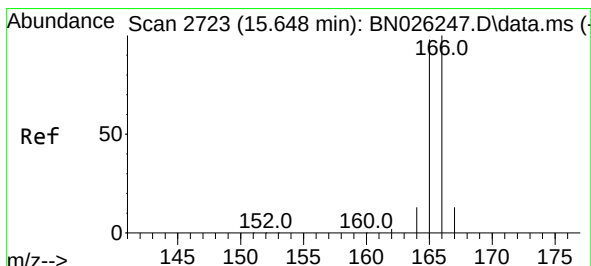
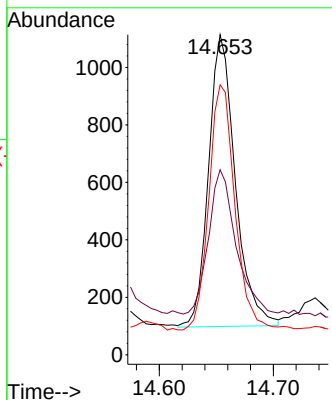
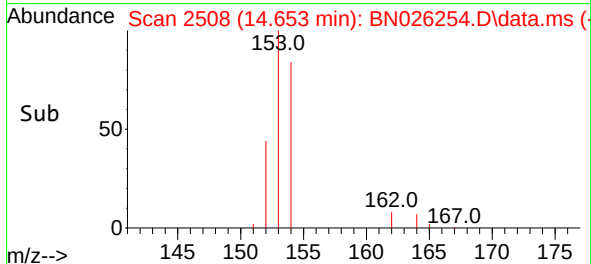


#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.653 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

Instrument :
BNA_N
ClientSampleId :

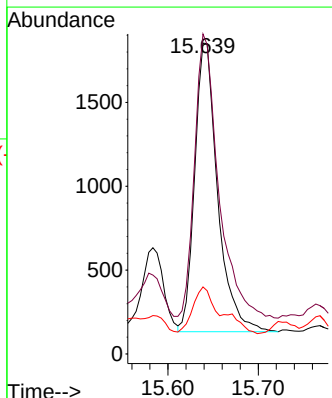
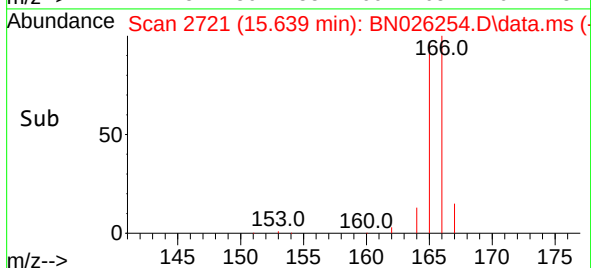
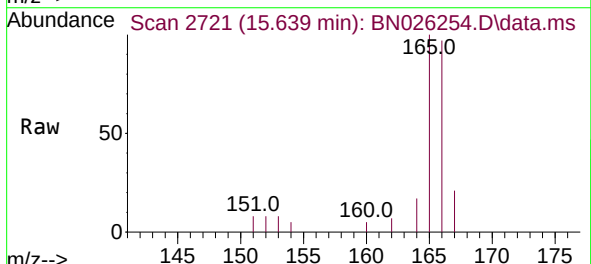


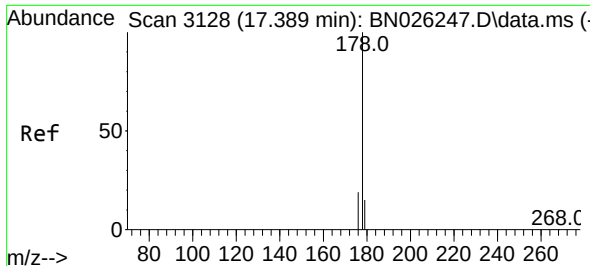
Tgt Ion:153 Resp: 1654
Ion Ratio Lower Upper
153 100
152 57.8 39.4 59.0
154 84.4 68.9 103.3



#12
Fluorene
Concen: 0.043 ng/ul
RT: 15.639 min Scan# 2721
Delta R.T. -0.009 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

Tgt Ion:166 Resp: 3041
Ion Ratio Lower Upper
166 100
165 102.9 79.9 119.9
167 21.6 10.8 16.2#

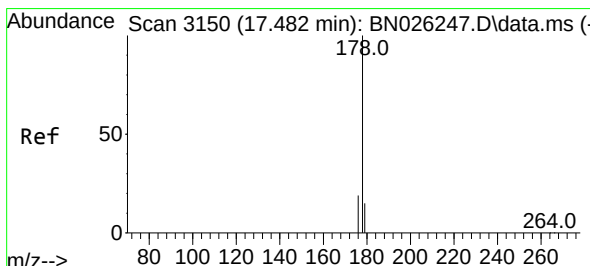
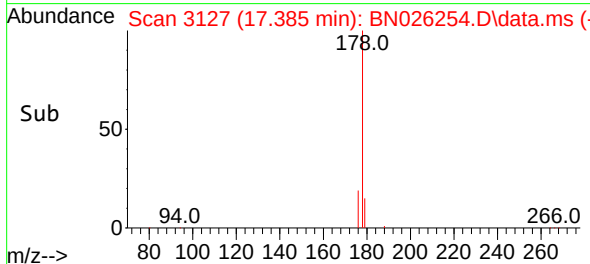
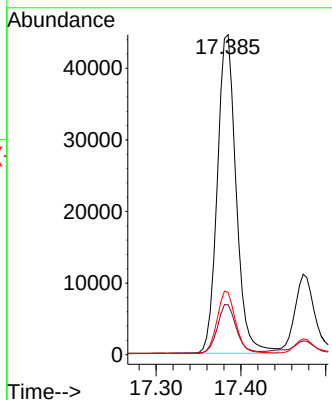
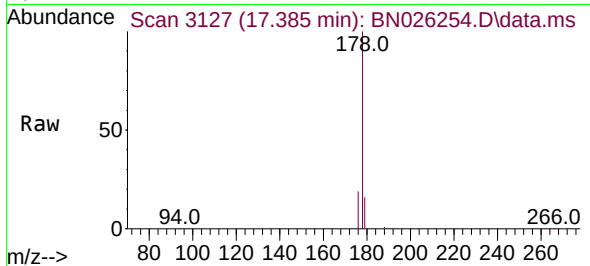




#15
Phenanthrene
Concen: 0.655 ng/ul
RT: 17.385 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

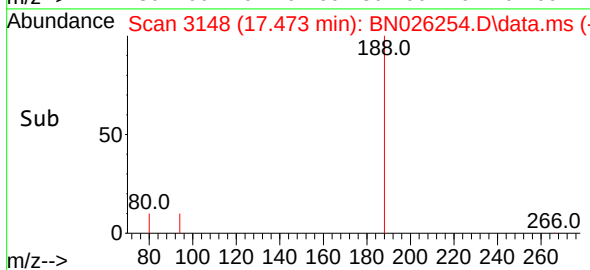
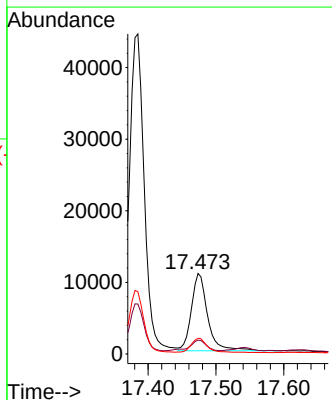
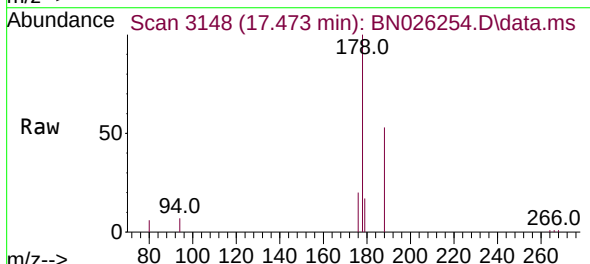
Instrument :
BNA_N
ClientSampleId :

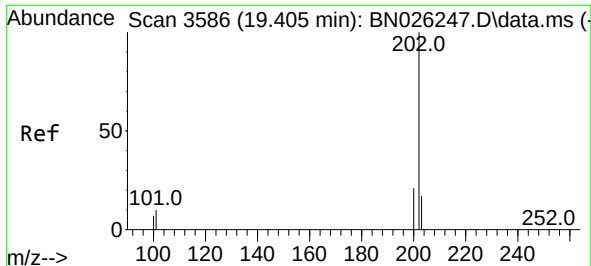
Tgt Ion:178 Resp: 68759
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.193 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.009 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

Tgt Ion:178 Resp: 18030
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 19.6 15.1 22.7

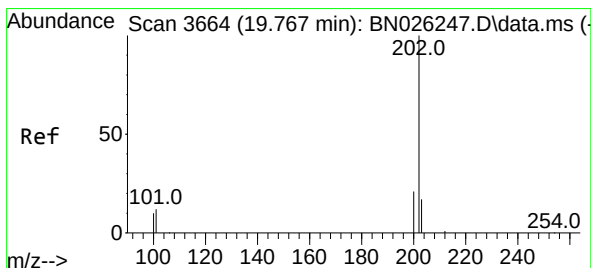
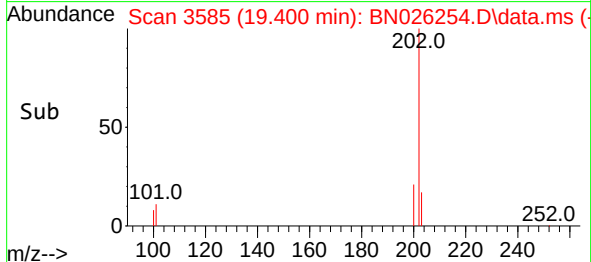
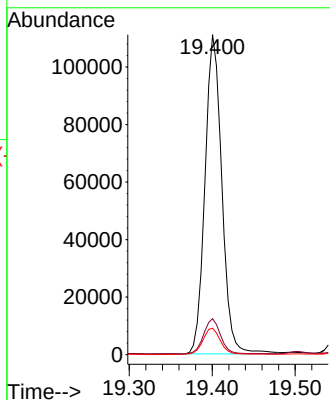
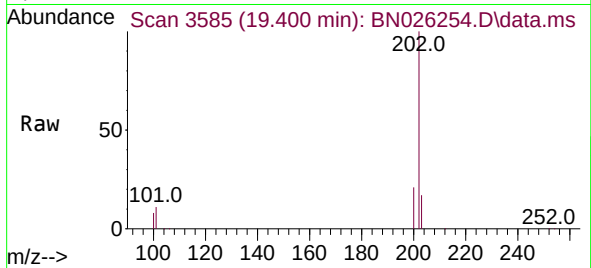




#19
Fluoranthene
Concen: 1.617 ng/ul
RT: 19.400 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

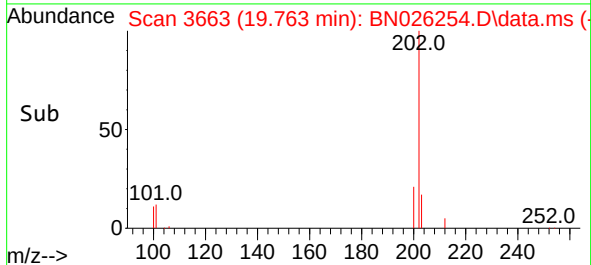
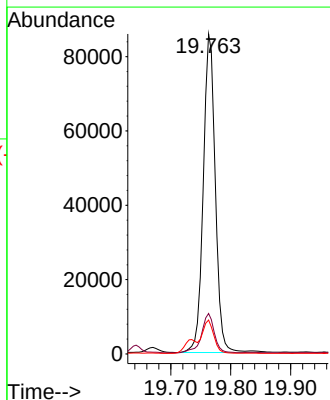
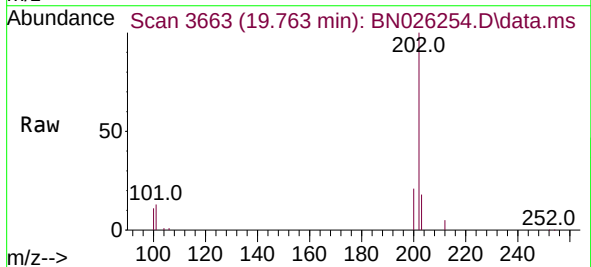
Instrument :
BNA_N
ClientSampleId :

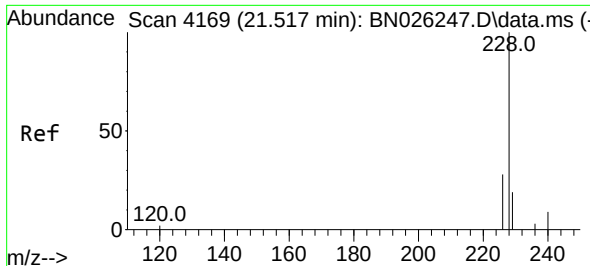
Tgt Ion:202 Resp: 157298
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.3 7.3 10.9



#20
Pyrene
Concen: 1.186 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

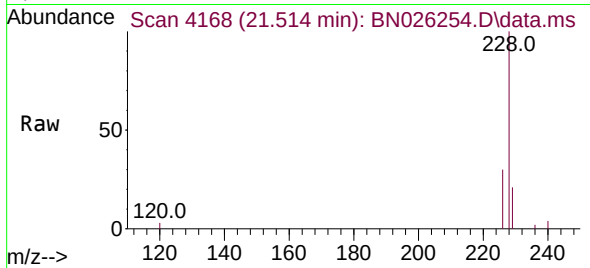
Tgt Ion:202 Resp: 120006
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.6 9.1 13.7



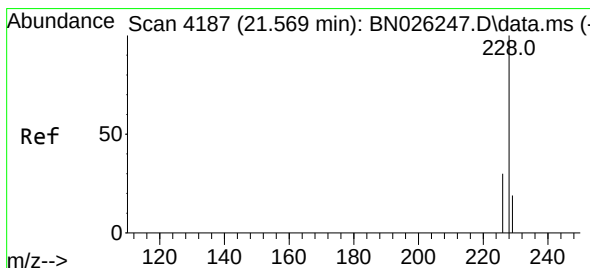
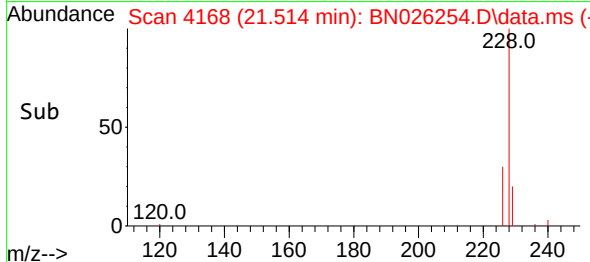
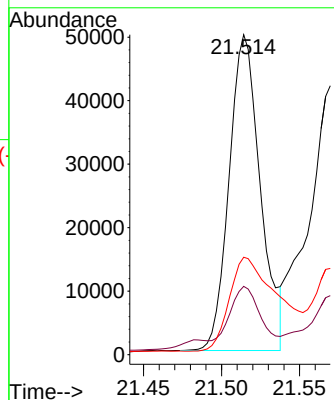


#21
Benzo(a)anthracene
Concen: 0.922 ng/ul
RT: 21.514 min Scan# 4169
Delta R.T. -0.009 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

Instrument :
BNA_N
ClientSampleId :

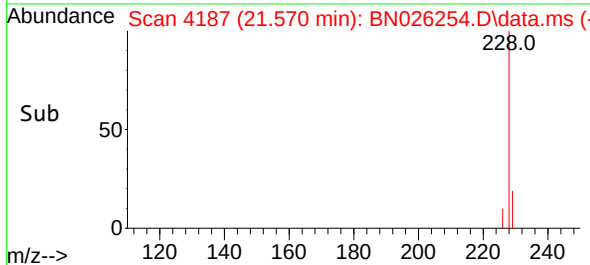
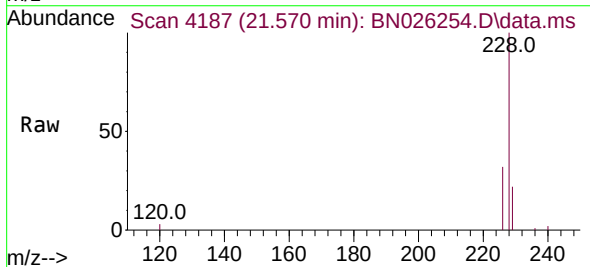
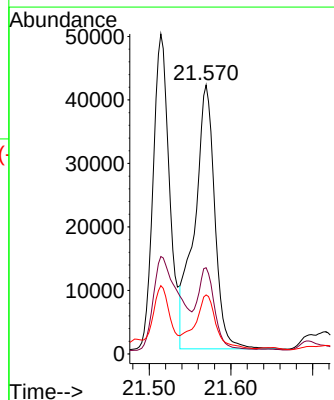


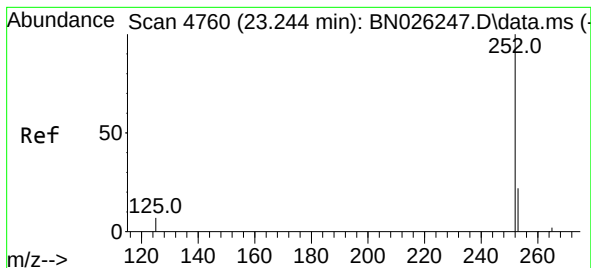
Tgt Ion:228 Resp: 69300
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 30.5 22.5 33.7



#22
Chrysene
Concen: 0.922 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

Tgt Ion:228 Resp: 72052
Ion Ratio Lower Upper
228 100
226 32.1 24.8 37.2
229 21.9 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 1.938 ng/ul

RT: 23.239 min Scan# 41

Delta R.T. -0.015 min

Lab File: BN026254.D

Acq: 04 Jul 2023 09:28

Instrument :

BNA_N

ClientSampleId :

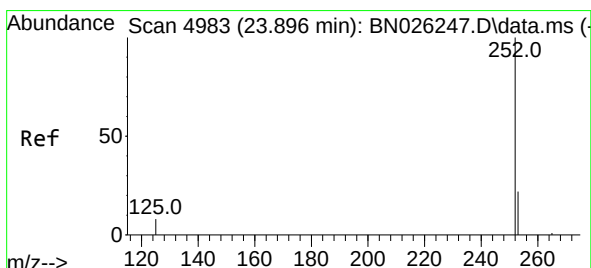
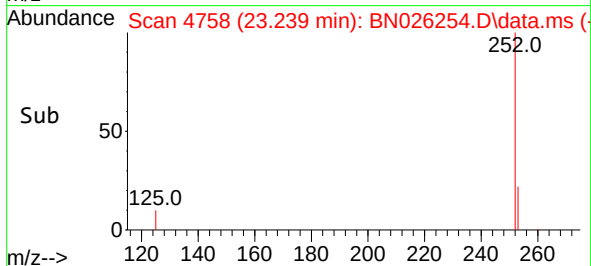
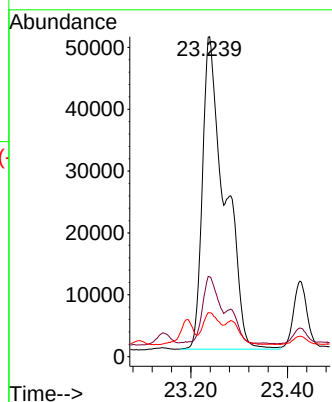
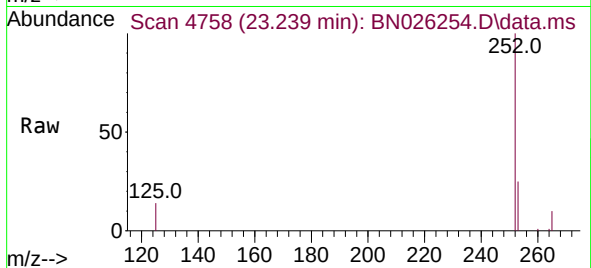
Tgt Ion:252 Resp: 162289

Ion Ratio Lower Upper

252 100

253 24.9 0.0 55.6

125 13.7 0.0 35.8



#26

Benzo(a)pyrene

Concen: 1.012 ng/ul

RT: 23.876 min Scan# 4976

Delta R.T. -0.018 min

Lab File: BN026254.D

Acq: 04 Jul 2023 09:28

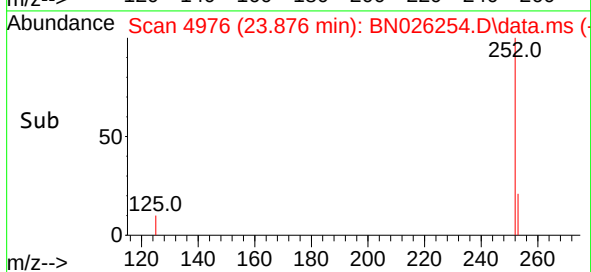
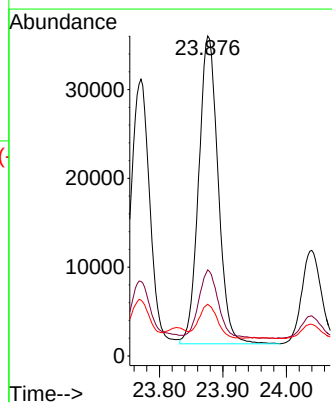
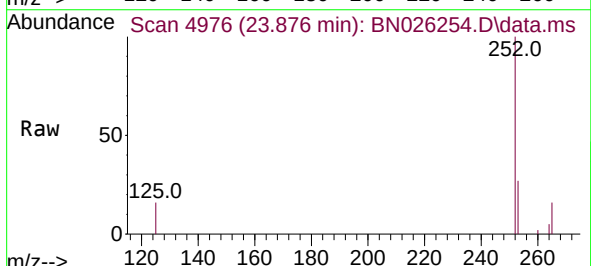
Tgt Ion:252 Resp: 73592

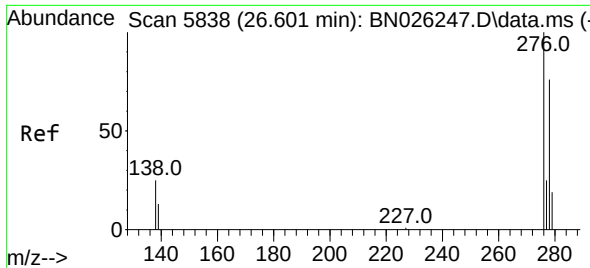
Ion Ratio Lower Upper

252 100

253 26.9 26.0 39.0

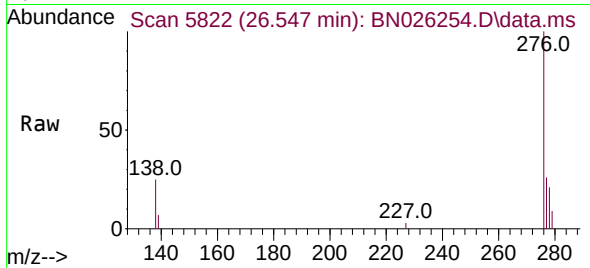
125 16.2 17.3 25.9#



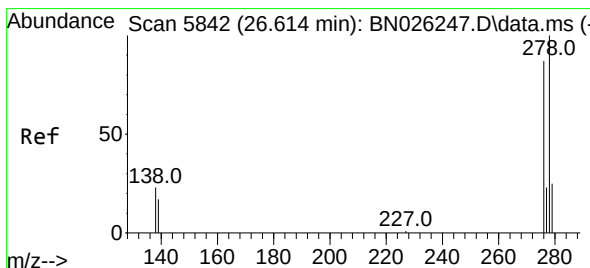
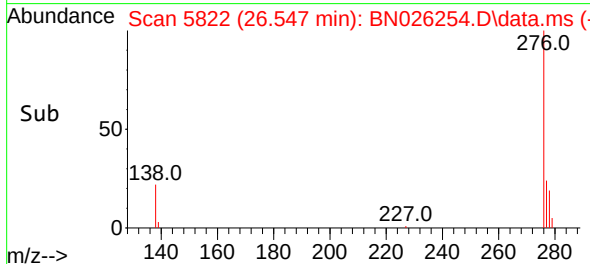
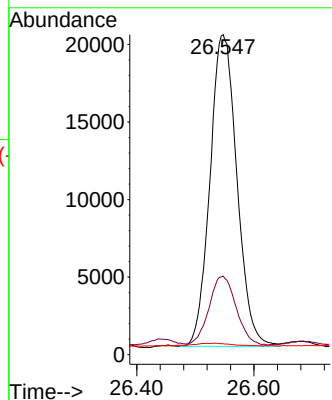


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.809 ng/ul
 RT: 26.547 min Scan# 5822
 Delta R.T. -0.040 min
 Lab File: BN026254.D
 Acq: 04 Jul 2023 09:28

Instrument :
 BNA_N
 ClientSampleId :

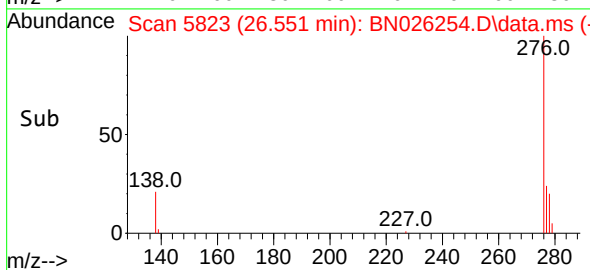
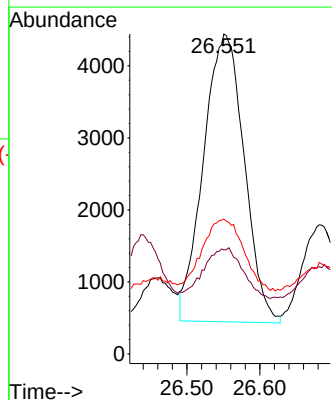
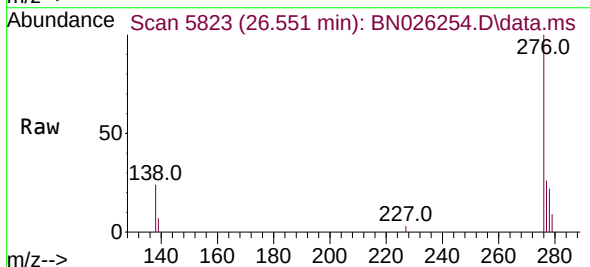


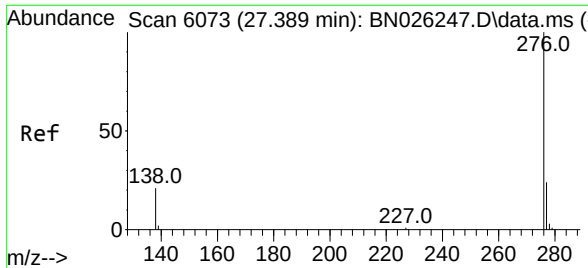
Tgt Ion:276 Resp: 64248
 Ion Ratio Lower Upper
 276 100
 138 22.0 24.5 36.7#
 227 1.3 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.258 ng/ul
 RT: 26.551 min Scan# 5823
 Delta R.T. -0.057 min
 Lab File: BN026254.D
 Acq: 04 Jul 2023 09:28

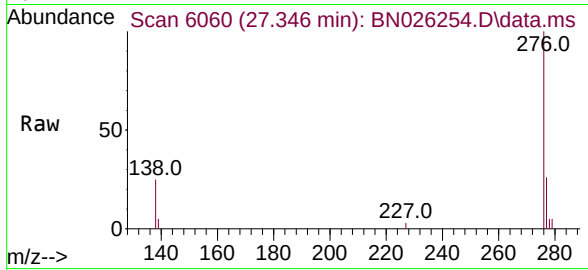
Tgt Ion:278 Resp: 15499
 Ion Ratio Lower Upper
 278 100
 139 32.5 19.0 28.4#
 279 42.2 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.824 ng/ul
 RT: 27.346 min Scan# 6073
 Delta R.T. -0.040 min
 Lab File: BN026254.D
 Acq: 04 Jul 2023 09:28

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	58207
Ion Ratio	Lower	Upper	
276	100		
138	25.1	23.4	35.0
277	25.6	20.0	30.0

