

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026156.D
 Acq On : 01 Jul 2023 17:52
 Operator : MA/JU
 Sample : 03239-06DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY4DL

Quant Time: Jul 01 22:35:58 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

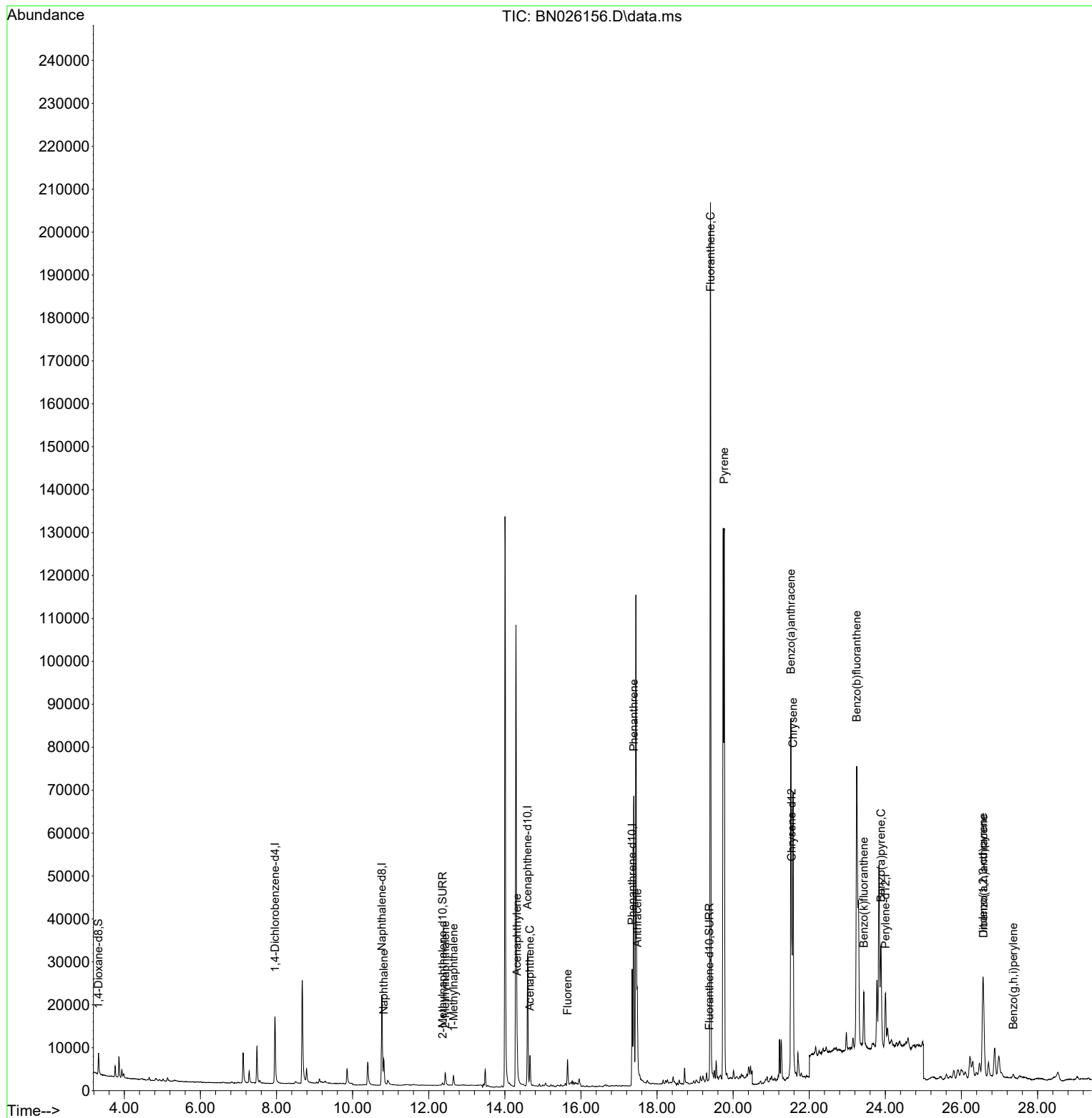
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	9884	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	32438	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	18069	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	33531	0.400	ng/ul	0.00
17) Chrysene-d12	21.534	240	17763	0.400	ng/ul	0.00
23) Perylene-d12	24.004	264	19095	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	3393	0.305	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	1033	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	1706	0.025	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.818	128	8677	0.093	ng/ul	96
7) 2-Methylnaphthalene	12.435	142	2794	0.047	ng/ul	100
8) 1-Methylnaphthalene	12.655	142	1848	0.030	ng/ul	99
10) Acenaphthylene	14.320	152	10972	0.130	ng/ul	97
11) Acenaphthene	14.662	153	4405	0.064	ng/ul	99
12) Fluorene	15.648	166	4429	0.056	ng/ul#	98
15) Phenanthrene	17.389	178	77422	0.699	ng/ul	99
16) Anthracene	17.481	178	21070	0.214	ng/ul	97
19) Fluoranthene	19.404	202	183497	1.934	ng/ul	97
20) Pyrene	19.767	202	114697	1.162	ng/ul	96
21) Benzo(a)anthracene	21.516	228	76191	1.040	ng/ul	98
22) Chrysene	21.575	228	79863	1.047	ng/ul	98
24) Benzo(b)fluoranthene	23.247	252	170056	2.087	ng/ul	93
25) Benzo(k)fluoranthene	23.434	252	11497	0.140	ng/ul#	81
26) Benzo(a)pyrene	23.884	252	37885	0.535	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.567	276	40907	0.529	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.577	278	15295	0.261	ng/ul	92
29) Benzo(g,h,i)perylene	27.361	276	2640	0.038	ng/ul#	47

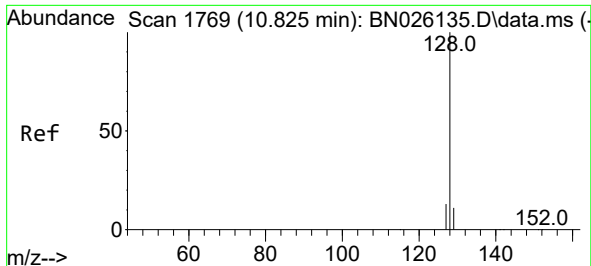
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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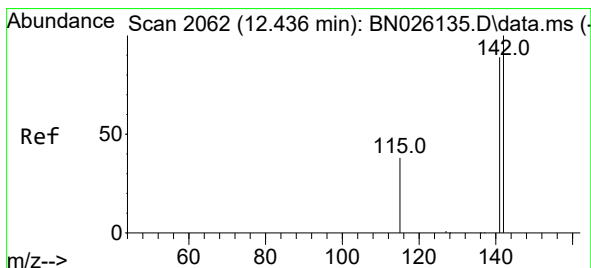
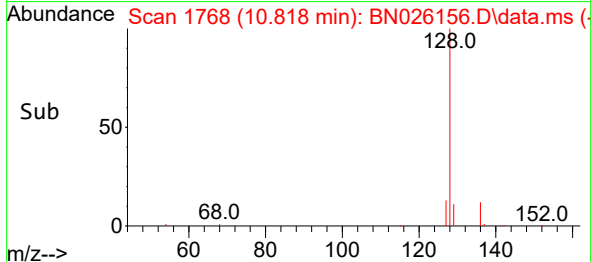
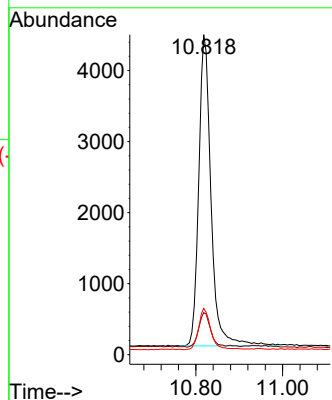
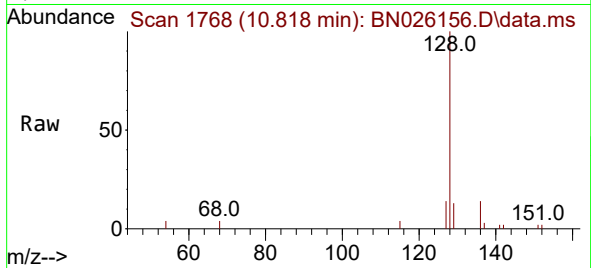




#5
Naphthalene
Concen: 0.093 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. -0.007 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

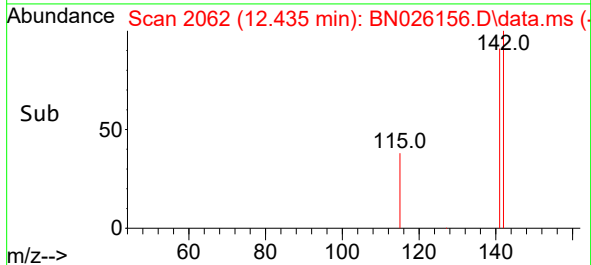
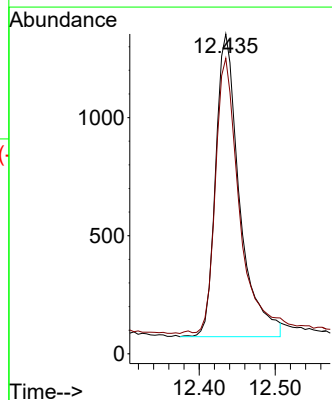
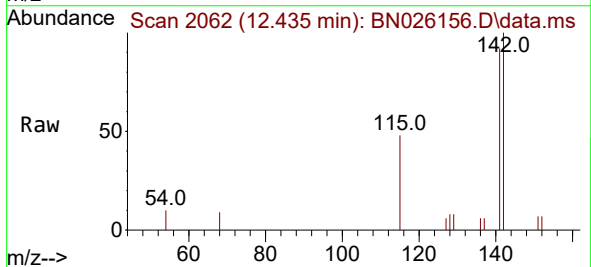
Instrument :
BNA_N
ClientSampleId :
DCFY4DL

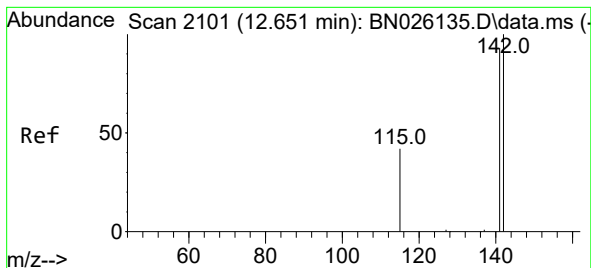
Tgt Ion:128 Resp: 8677
Ion Ratio Lower Upper
128 100
129 13.1 9.1 13.7
127 14.5 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.435 min Scan# 2062
Delta R.T. -0.001 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

Tgt Ion:142 Resp: 2794
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.655 min Scan# 2101

Delta R.T. 0.004 min

Lab File: BN026156.D

Acq: 01 Jul 2023 17:52

Instrument :

BNA_N

ClientSampleId :

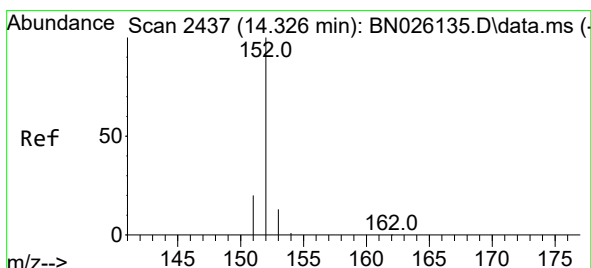
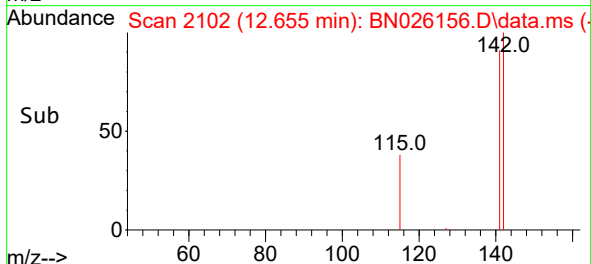
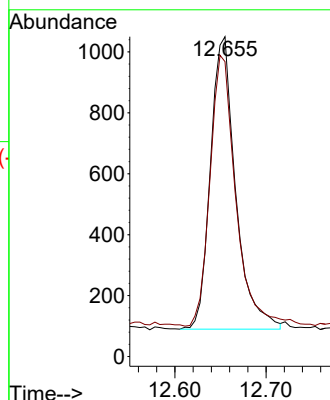
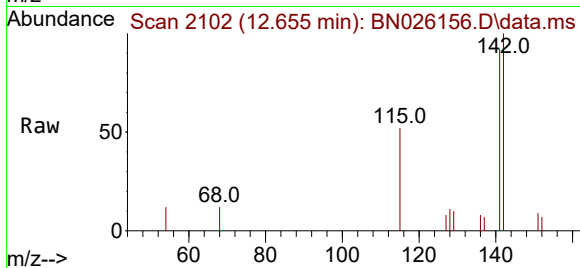
DCFY4DL

Tgt Ion:142 Resp: 1848

Ion Ratio Lower Upper

142 100

141 93.8 74.2 111.4



#10

Acenaphthylene

Concen: 0.130 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BN026156.D

Acq: 01 Jul 2023 17:52

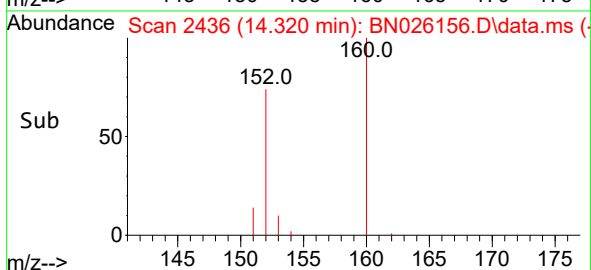
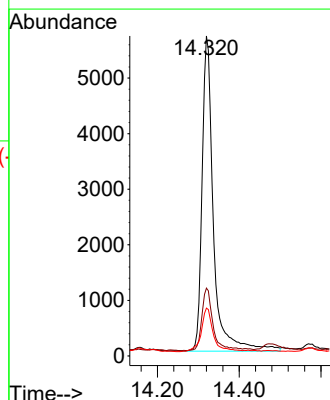
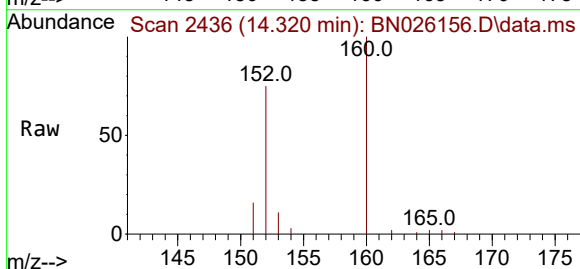
Tgt Ion:152 Resp: 10972

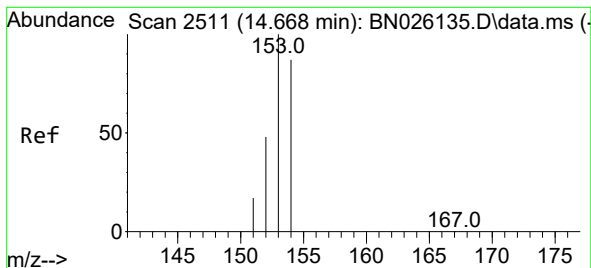
Ion Ratio Lower Upper

152 100

151 21.2 16.2 24.4

153 14.9 10.9 16.3





#11

Acenaphthene

Concen: 0.064 ng/ul

RT: 14.662 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN026156.D

Acq: 01 Jul 2023 17:52

Instrument :

BNA_N

ClientSampleId :

DCFY4DL

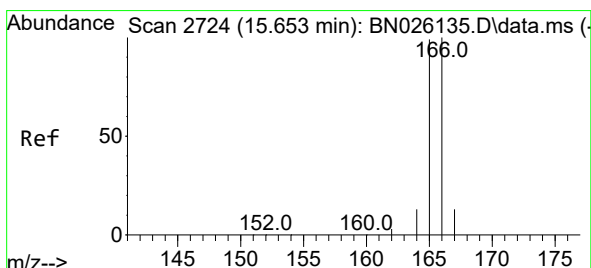
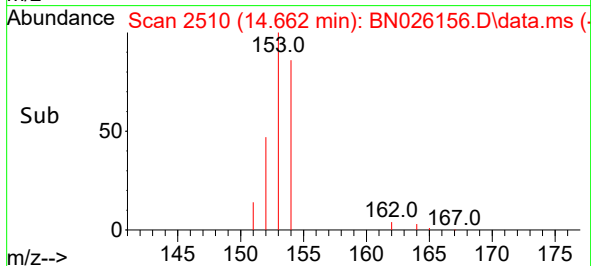
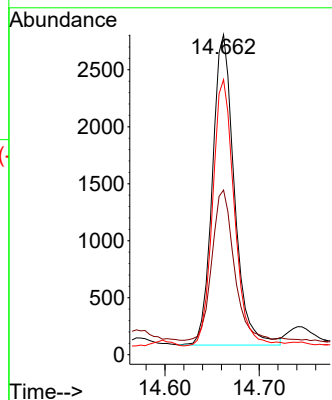
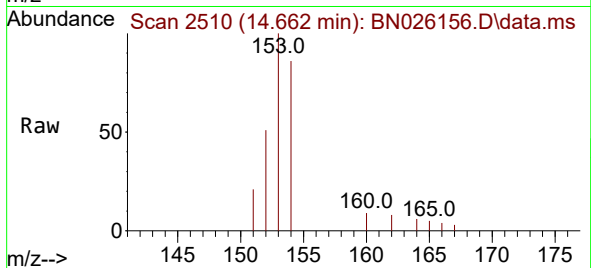
Tgt Ion:153 Resp: 4405

Ion Ratio Lower Upper

153 100

152 51.5 39.4 59.0

154 86.0 68.9 103.3



#12

Fluorene

Concen: 0.056 ng/ul

RT: 15.648 min Scan# 2723

Delta R.T. -0.006 min

Lab File: BN026156.D

Acq: 01 Jul 2023 17:52

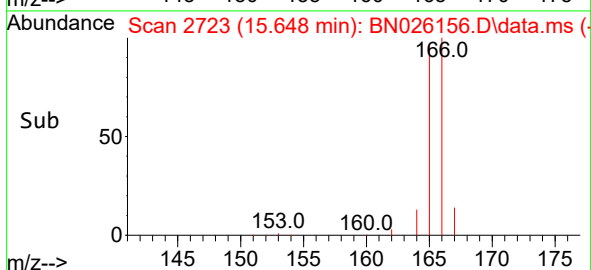
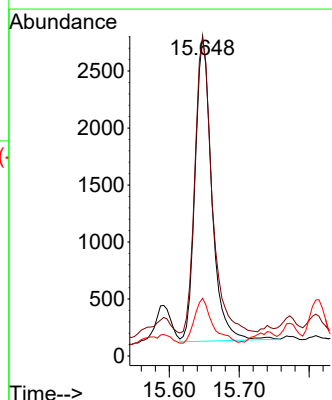
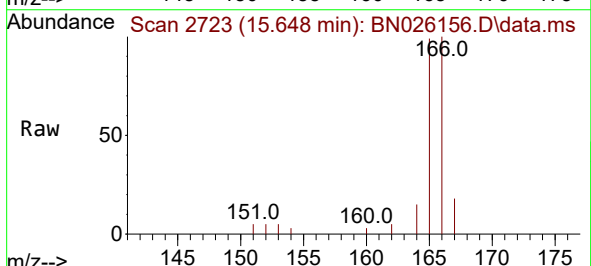
Tgt Ion:166 Resp: 4429

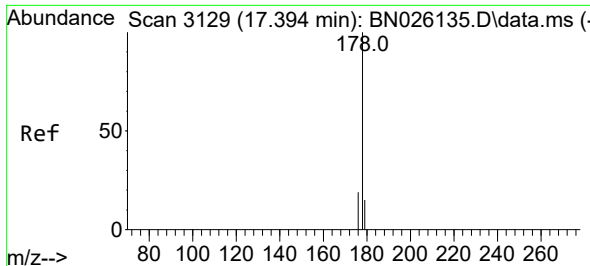
Ion Ratio Lower Upper

166 100

165 99.3 79.9 119.9

167 18.0 10.8 16.2#

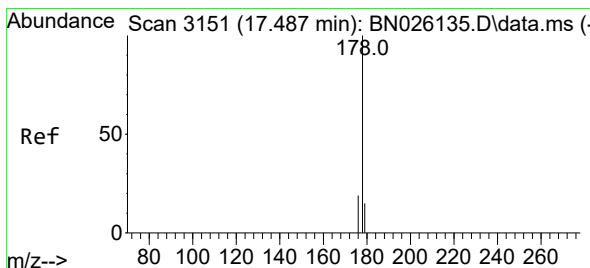
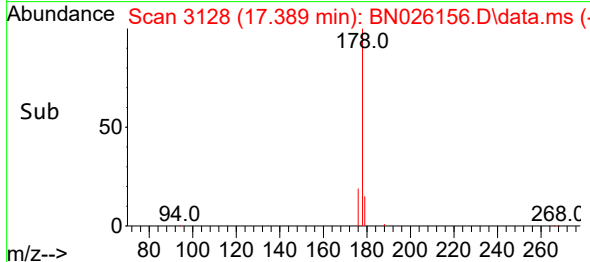
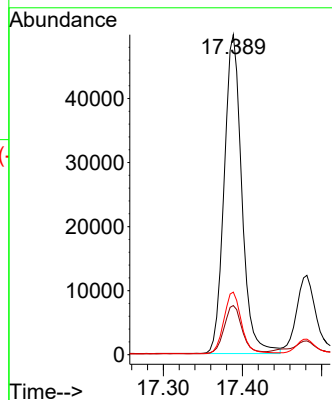
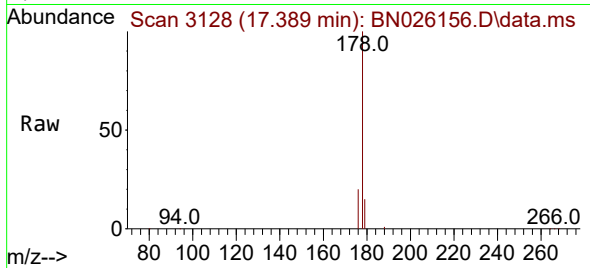




#15
Phenanthrene
Concen: 0.699 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

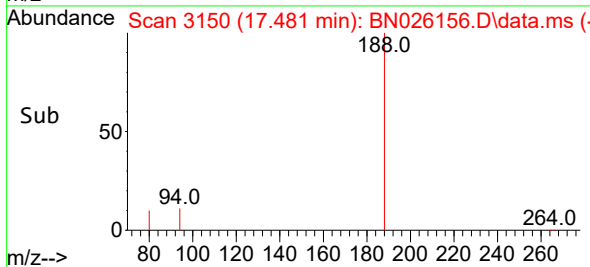
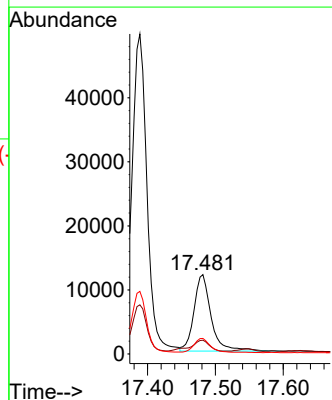
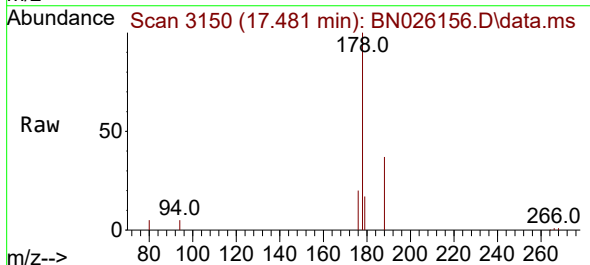
Instrument :
BNA_N
ClientSampleId :
DCFY4DL

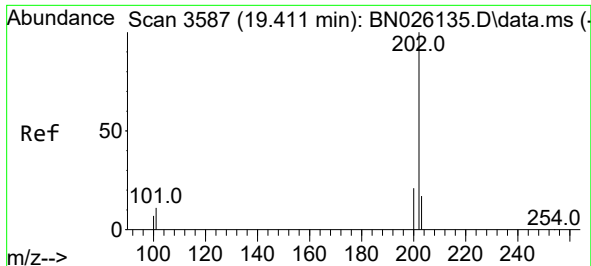
Tgt Ion:178 Resp: 77422
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.214 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

Tgt Ion:178 Resp: 21070
Ion Ratio Lower Upper
178 100
179 17.3 12.6 18.8
176 19.6 15.1 22.7

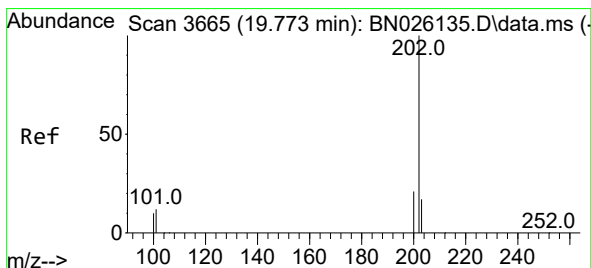
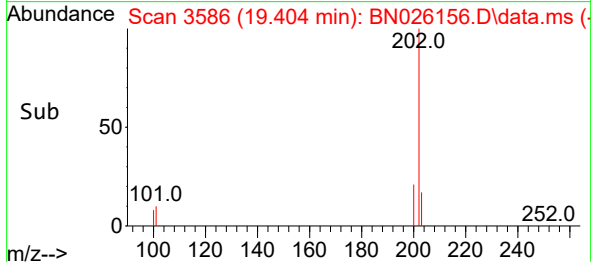
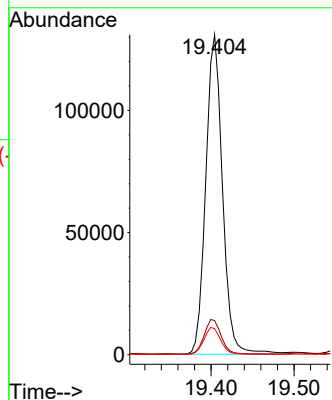
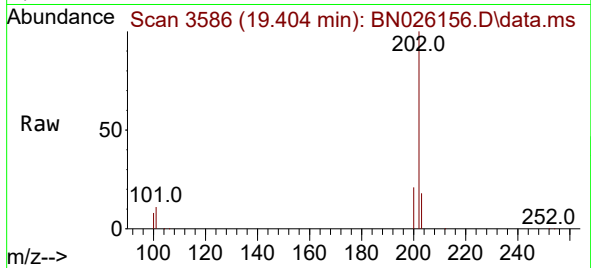




#19
Fluoranthene
Concen: 1.934 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

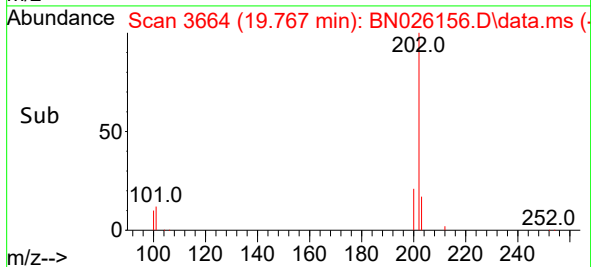
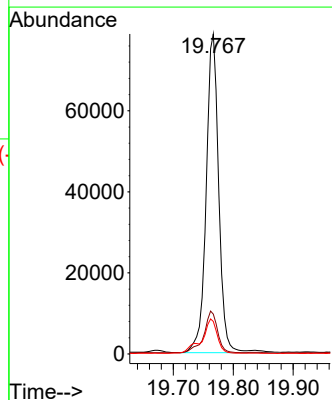
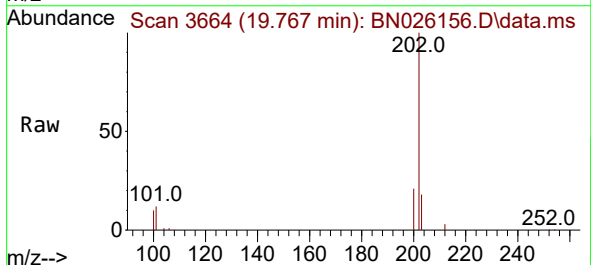
Instrument :
BNA_N
ClientSampleId :
DCFY4DL

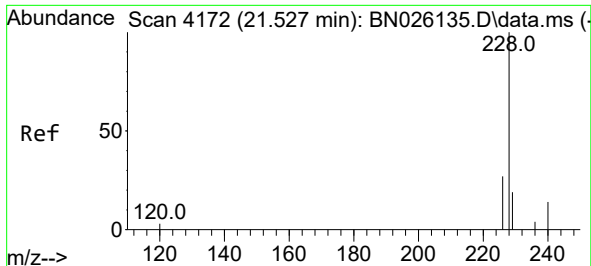
Tgt Ion:202 Resp: 183497
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 8.2 7.3 10.9



#20
Pyrene
Concen: 1.162 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

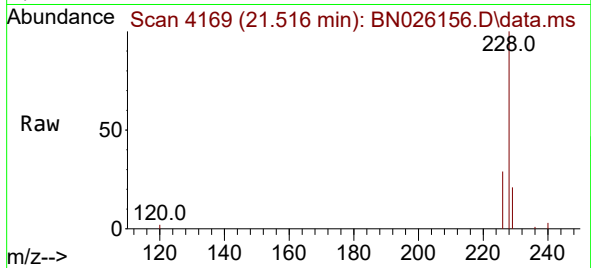
Tgt Ion:202 Resp: 114697
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.1 9.1 13.7



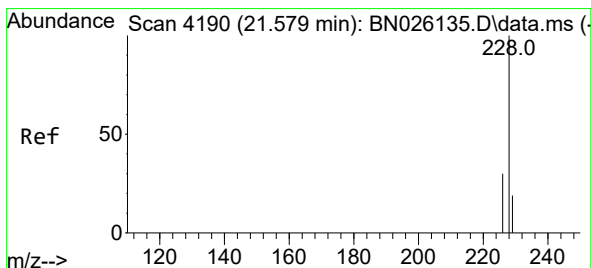
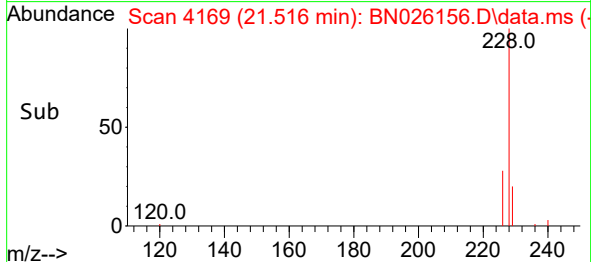
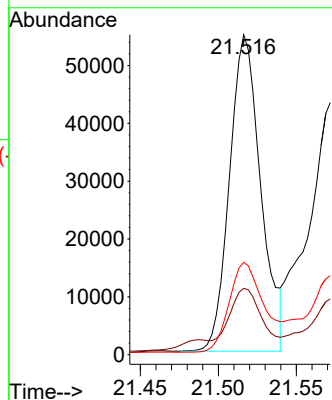


#21
Benzo(a)anthracene
Concen: 1.040 ng/ul
RT: 21.516 min Scan# 4172
Delta R.T. -0.010 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

Instrument :
BNA_N
ClientSampleId :
DCFY4DL

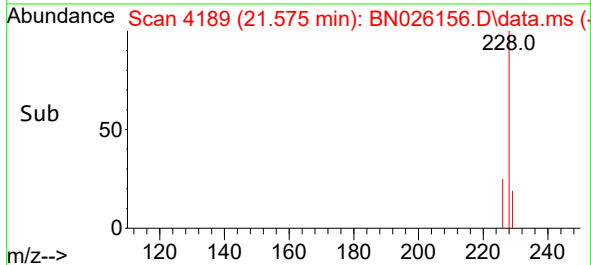
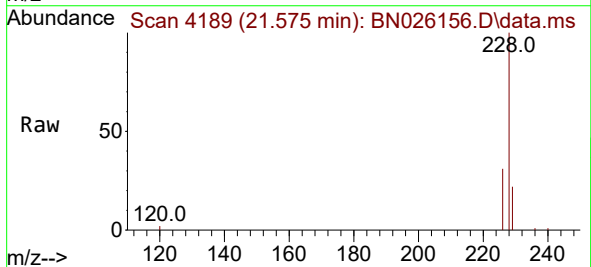
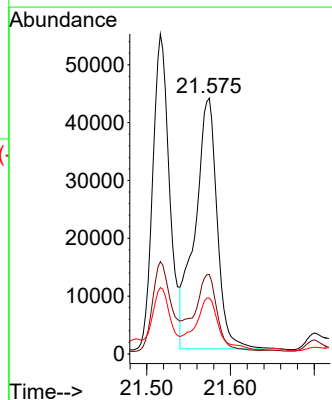


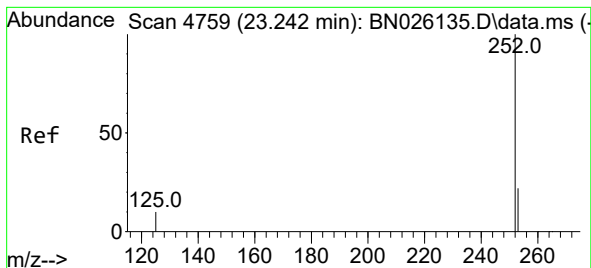
Tgt Ion:228 Resp: 76191
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 28.8 22.5 33.7



#22
Chrysene
Concen: 1.047 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

Tgt Ion:228 Resp: 79863
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 21.8 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 2.087 ng/ul

RT: 23.247 min Scan# 41

Delta R.T. 0.004 min

Lab File: BN026156.D

Acq: 01 Jul 2023 17:52

Instrument :

BNA_N

ClientSampleId :

DCFY4DL

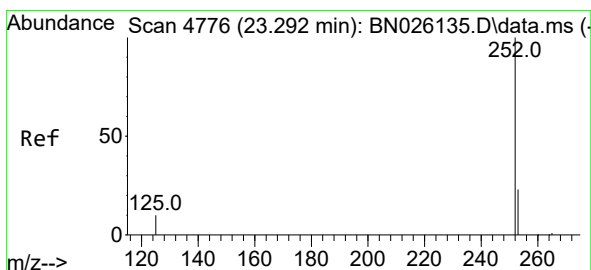
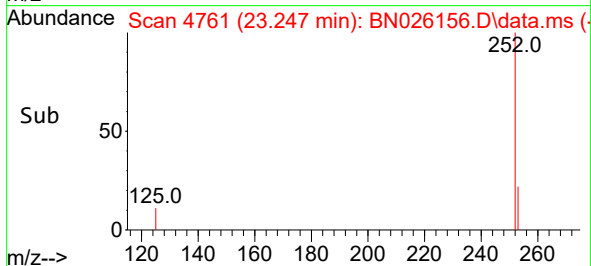
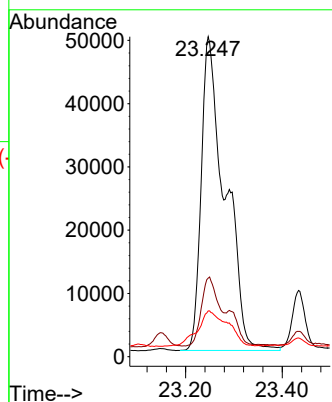
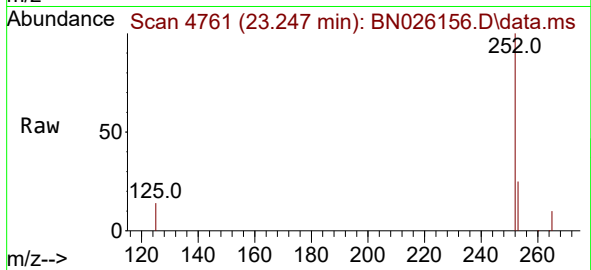
Tgt Ion:252 Resp: 170056

Ion Ratio Lower Upper

252 100

253 24.5 0.0 55.6

125 14.3 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.140 ng/ul

RT: 23.434 min Scan# 4825

Delta R.T. 0.142 min

Lab File: BN026156.D

Acq: 01 Jul 2023 17:52

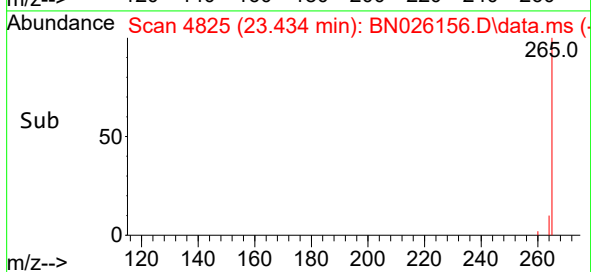
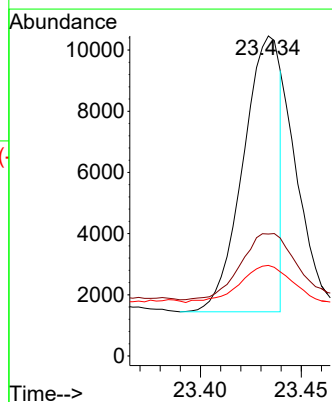
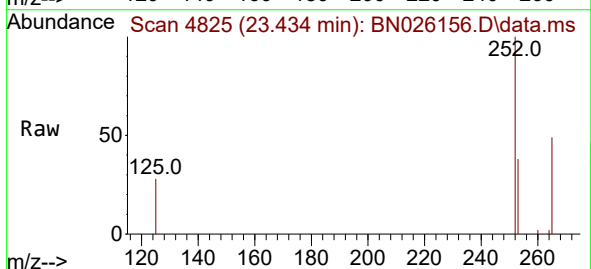
Tgt Ion:252 Resp: 11497

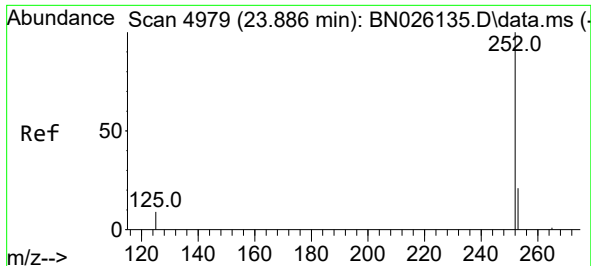
Ion Ratio Lower Upper

252 100

253 38.1 23.2 34.8#

125 28.3 15.0 22.4#

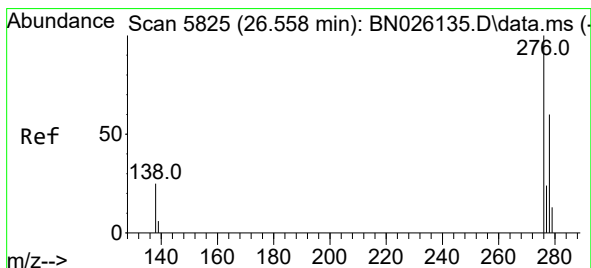
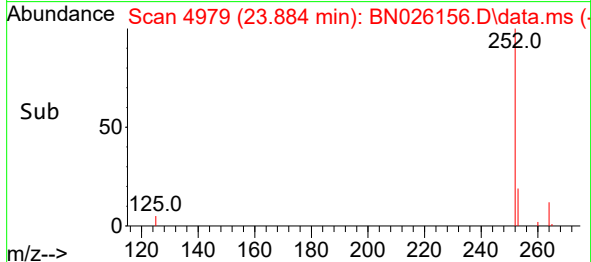
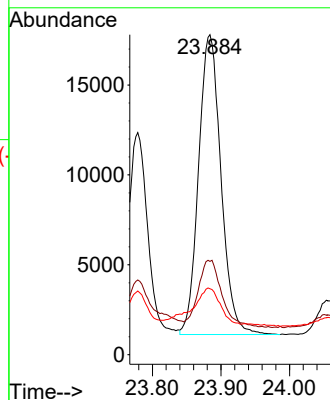
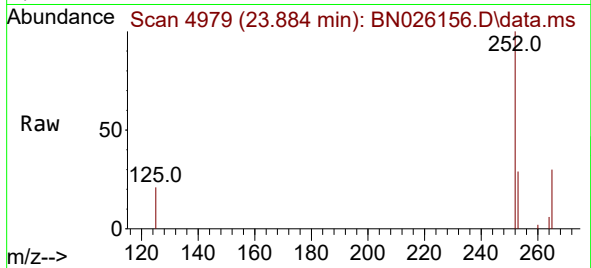




#26
Benzo(a)pyrene
Concen: 0.535 ng/ul
RT: 23.884 min Scan# 4979
Delta R.T. -0.002 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

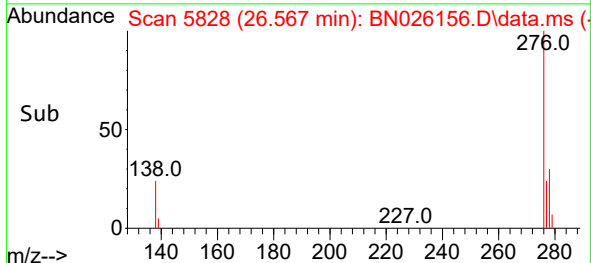
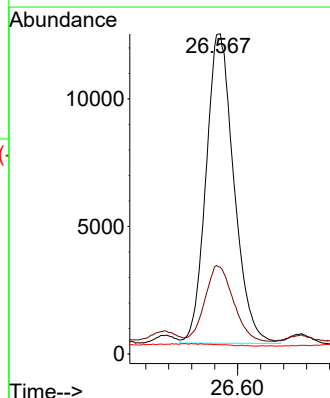
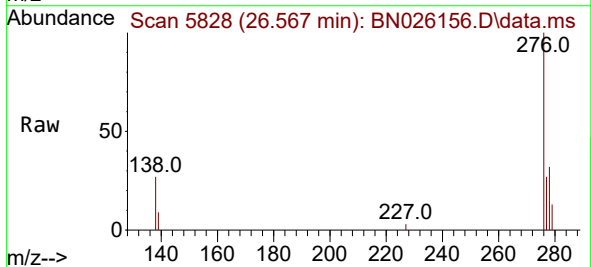
Instrument :
BNA_N
ClientSampleId :
DCFY4DL

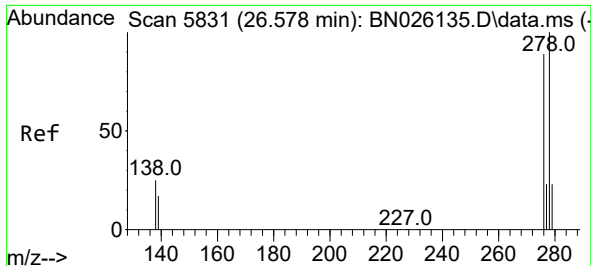
Tgt Ion:252	Resp:	37885
Ion Ratio	Lower	Upper
252	100	
253	29.2	26.0 39.0
125	20.6	17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.529 ng/ul
RT: 26.567 min Scan# 5828
Delta R.T. 0.008 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

Tgt Ion:276	Resp:	40907
Ion Ratio	Lower	Upper
276	100	
138	24.8	24.5 36.7
227	0.0	0.0 0.0

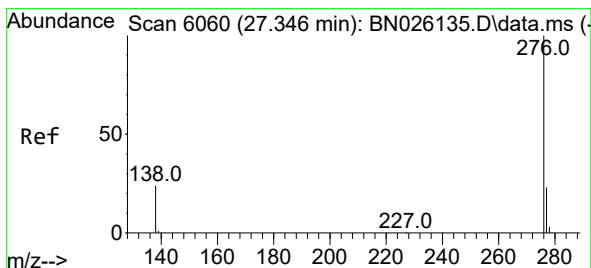
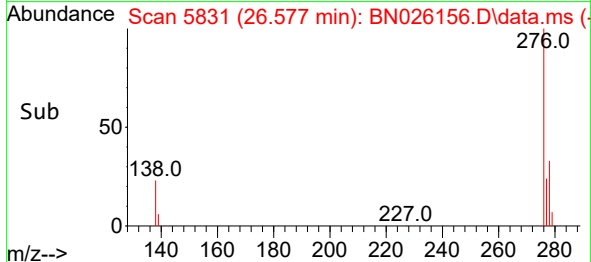
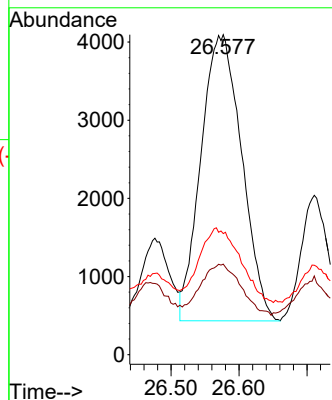
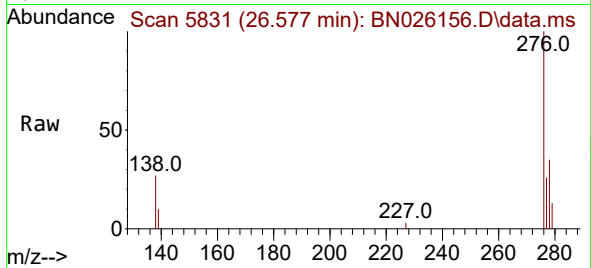




#28
Dibenzo(a,h)anthracene
Concen: 0.261 ng/ul
RT: 26.577 min Scan# 5831
Delta R.T. -0.002 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

Instrument :
BNA_N
ClientSampleId :
DCFY4DL

Tgt Ion:278 Resp: 15295
Ion Ratio Lower Upper
278 100
139 28.3 19.0 28.4
279 37.9 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 27.361 min Scan# 6065
Delta R.T. 0.015 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

Tgt Ion:276 Resp: 2640
Ion Ratio Lower Upper
276 100
138 60.1 23.4 35.0#
277 48.7 20.0 30.0#

