

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026129.D
 Acq On : 30 Jun 2023 13:56
 Operator : MA/JU
 Sample : 03239-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFZ0

Quant Time: Jul 01 00:55:31 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

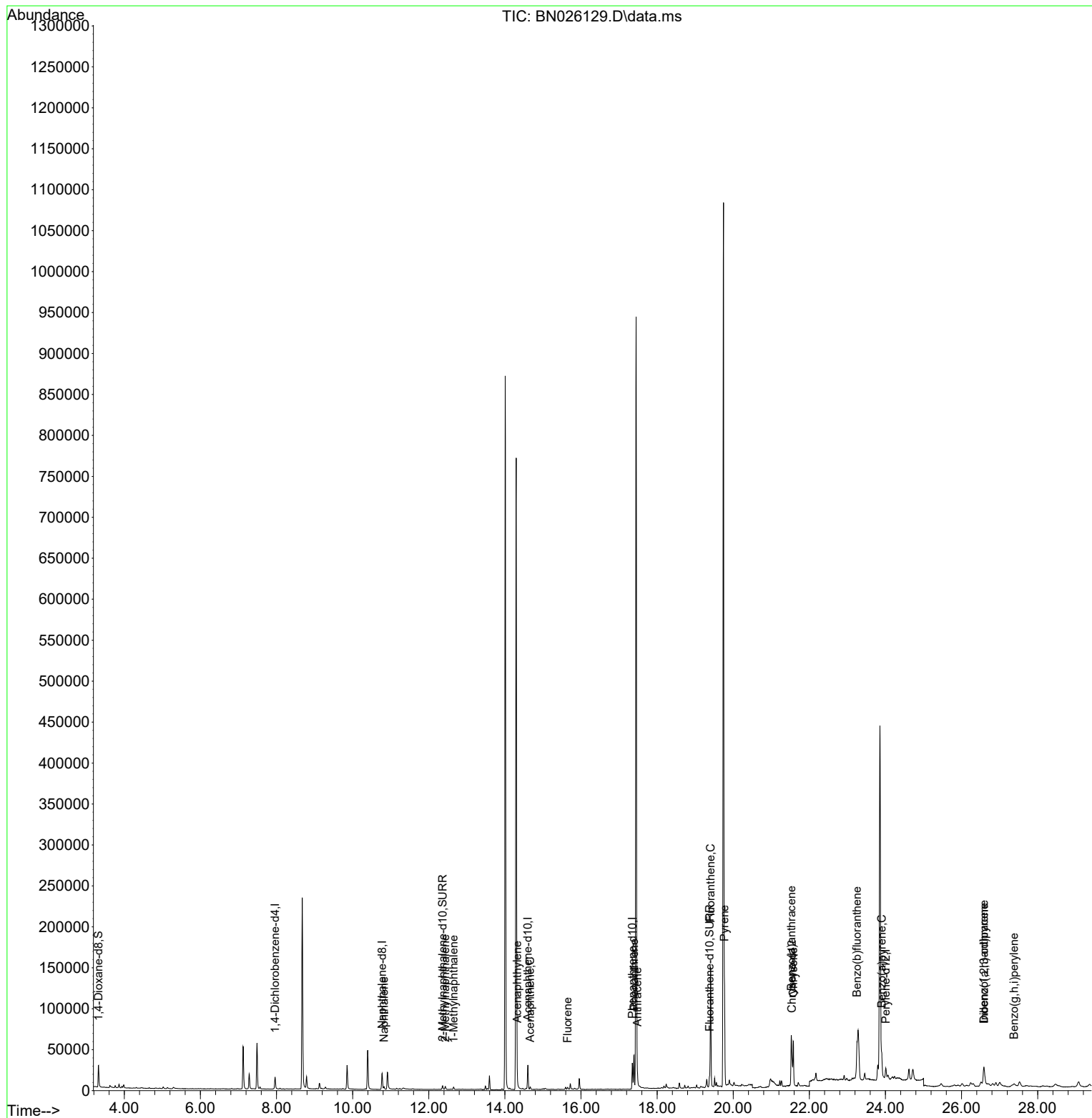
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	8443	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.774	136	28022	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	16924	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	35311	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	19253	0.400	ng/ul	# 0.00
23) Perylene-d12	24.010	264	19290	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	18530	1.949	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	6342	0.147	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	13726	0.187	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.824	128	4327	0.054	ng/ul#	92
7) 2-Methylnaphthalene	12.435	142	2889	0.056	ng/ul	98
8) 1-Methylnaphthalene	12.655	142	2136	0.040	ng/ul	100
10) Acenaphthylene	14.324	152	5888	0.074	ng/ul#	92
11) Acenaphthene	14.667	153	1808	0.028	ng/ul	94
12) Fluorene	15.648	166	1598	0.022	ng/ul#	90
15) Phenanthrene	17.393	178	44245	0.379	ng/ul	99
16) Anthracene	17.481	178	8513	0.082	ng/ul#	91
19) Fluoranthene	19.404	202	128772	1.252	ng/ul	98
20) Pyrene	19.771	202	98845	0.924	ng/ul	97
21) Benzo(a)anthracene	21.525	228	49195	0.619	ng/ul#	94
22) Chrysene	21.578	228	60678	0.734	ng/ul#	95
24) Benzo(b)fluoranthene	23.252	252	113626	1.380	ng/ul	94
26) Benzo(a)pyrene	23.901	252	40884	0.572	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.587	276	40775	0.522	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.590	278	11781	0.199	ng/ul#	64
29) Benzo(g,h,i)perylene	27.382	276	8998	0.130	ng/ul#	48

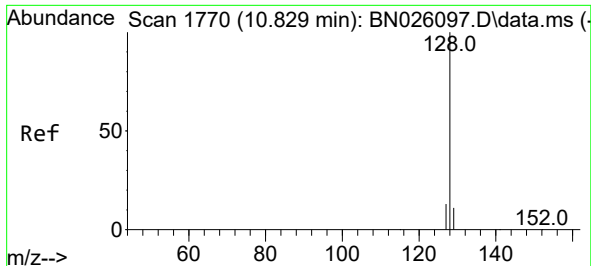
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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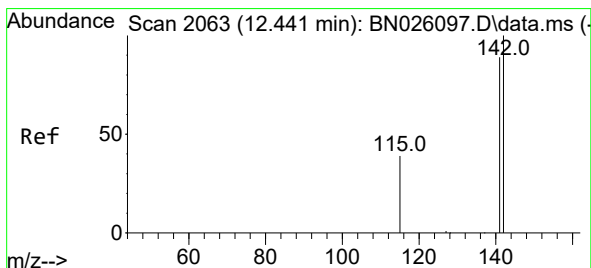
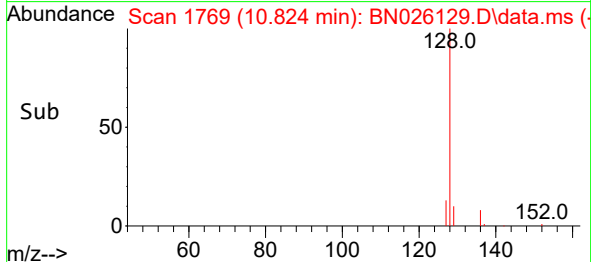
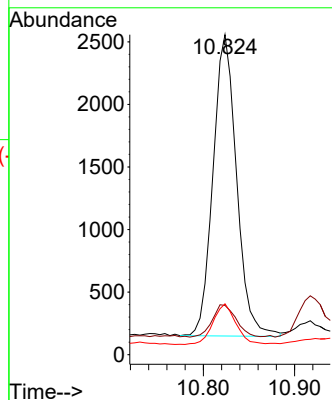
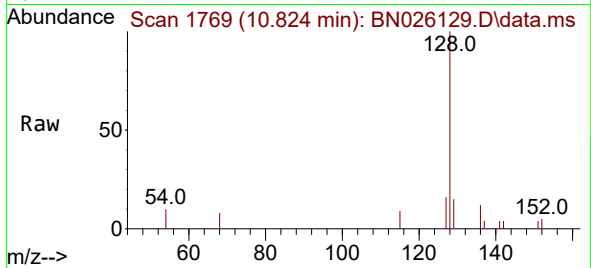




#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.824 min Scan# 1769
Delta R.T. -0.012 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

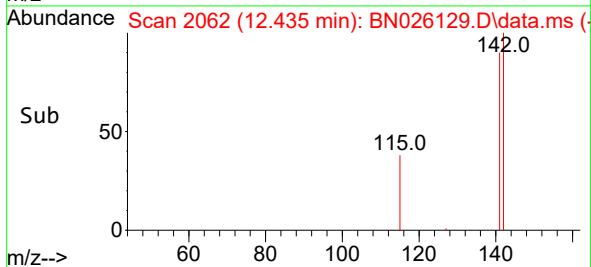
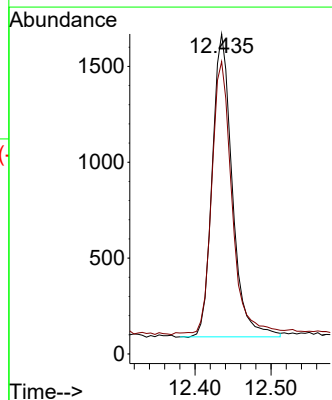
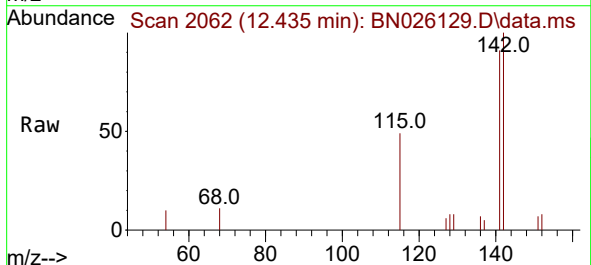
Instrument :
BNA_N
ClientSampleId :
DCFZ0

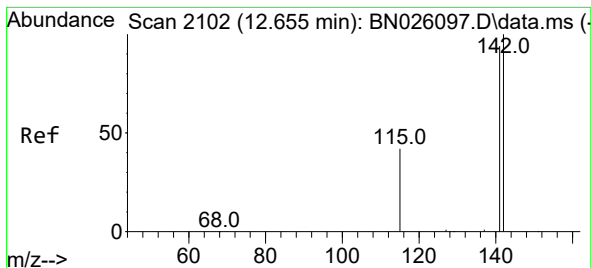
Tgt Ion:128 Resp: 4327
Ion Ratio Lower Upper
128 100
129 15.4 9.1 13.7#
127 15.9 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.435 min Scan# 2062
Delta R.T. -0.012 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

Tgt Ion:142 Resp: 2889
Ion Ratio Lower Upper
142 100
141 91.9 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.040 ng/ul

RT: 12.655 min Scan# 2102

Delta R.T. -0.007 min

Lab File: BN026129.D

Acq: 30 Jun 2023 13:56

Instrument :

BNA_N

ClientSampleId :

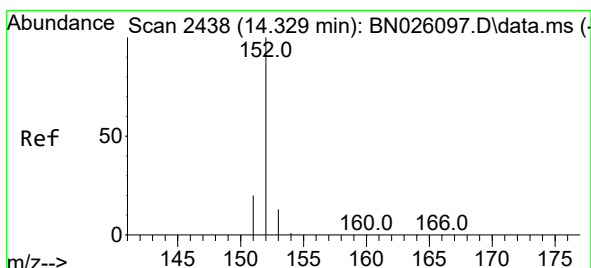
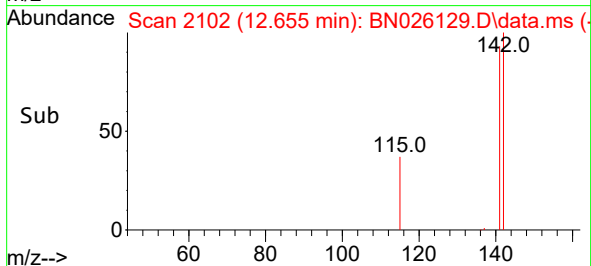
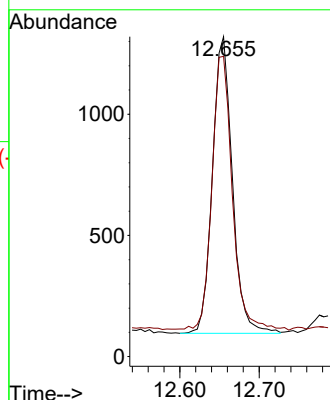
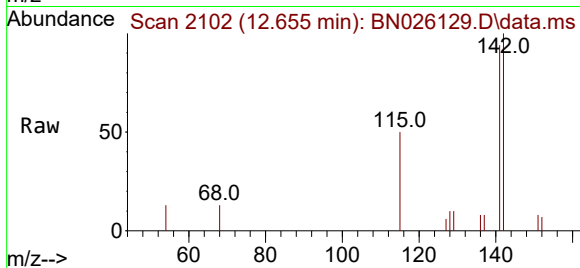
DCFZ0

Tgt Ion:142 Resp: 2136

Ion Ratio Lower Upper

142 100

141 93.1 74.2 111.4



#10

Acenaphthylene

Concen: 0.074 ng/ul

RT: 14.324 min Scan# 2437

Delta R.T. -0.005 min

Lab File: BN026129.D

Acq: 30 Jun 2023 13:56

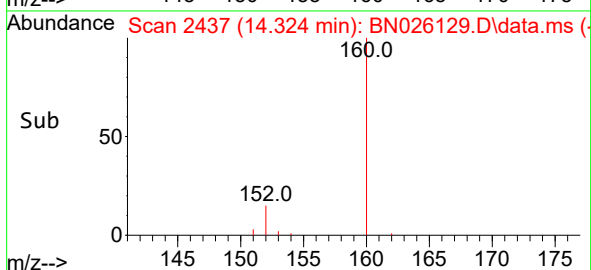
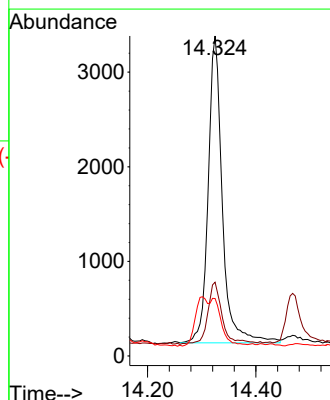
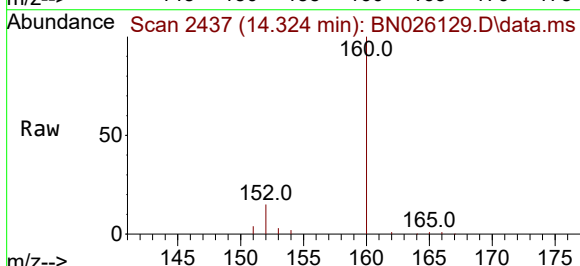
Tgt Ion:152 Resp: 5888

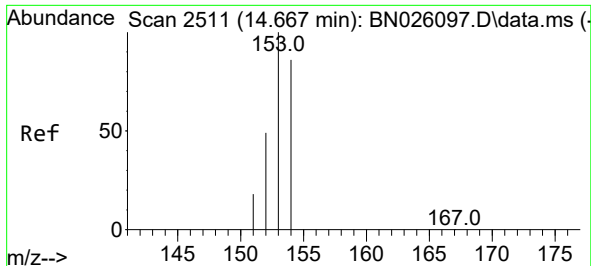
Ion Ratio Lower Upper

152 100

151 23.1 16.2 24.4

153 18.0 10.9 16.3#

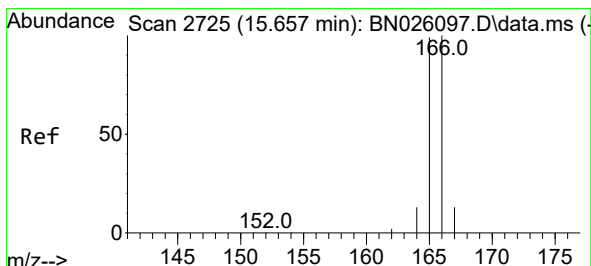
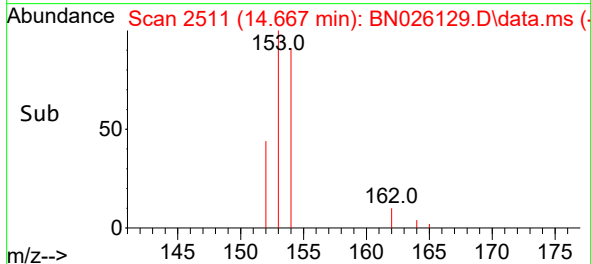
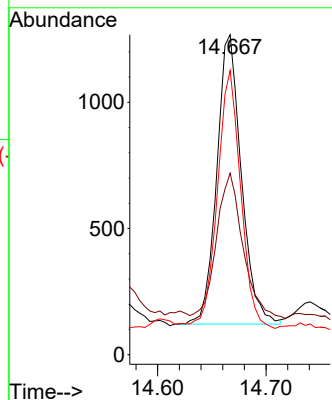
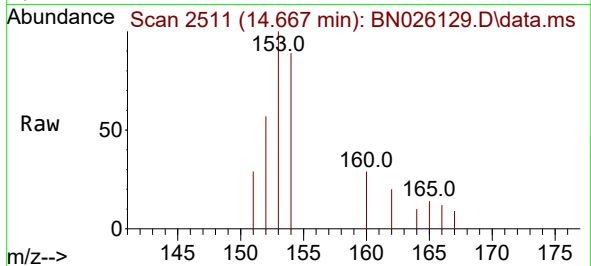




#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

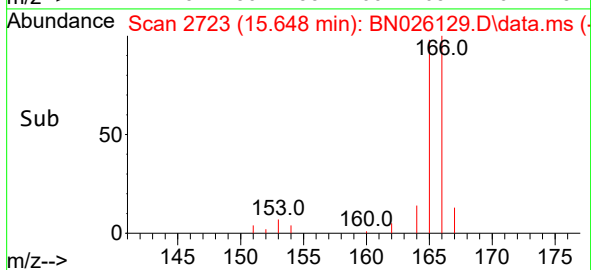
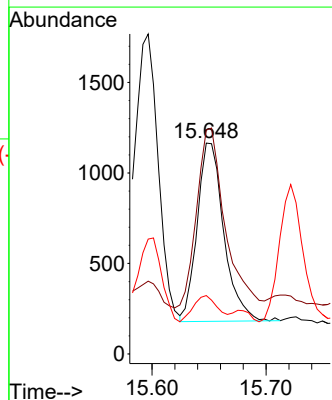
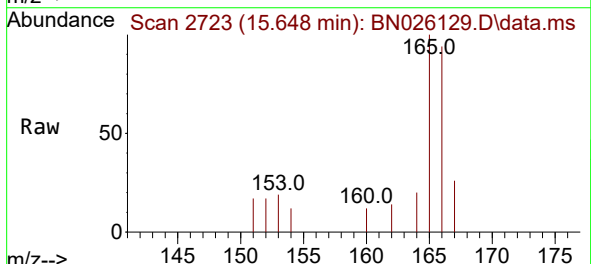
Instrument :
BNA_N
ClientSampleId :
DCFZ0

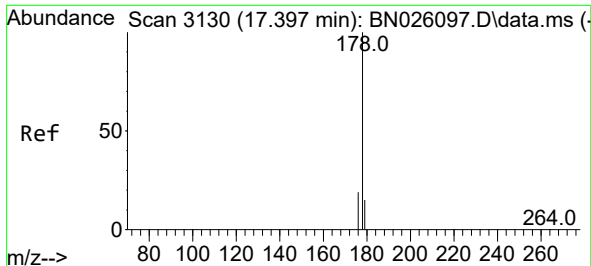
Tgt Ion:153 Resp: 1808
Ion Ratio Lower Upper
153 100
152 56.7 39.4 59.0
154 88.8 68.9 103.3



#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.648 min Scan# 2723
Delta R.T. -0.014 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

Tgt Ion:166 Resp: 1598
Ion Ratio Lower Upper
166 100
165 106.3 79.9 119.9
167 27.7 10.8 16.2#

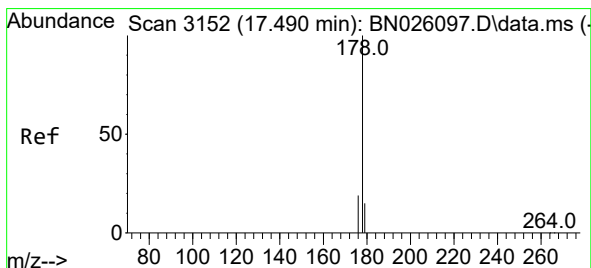
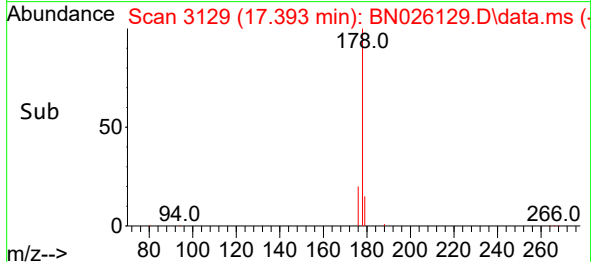
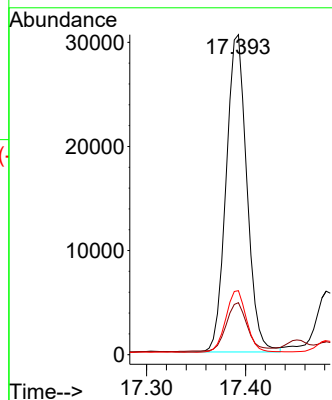
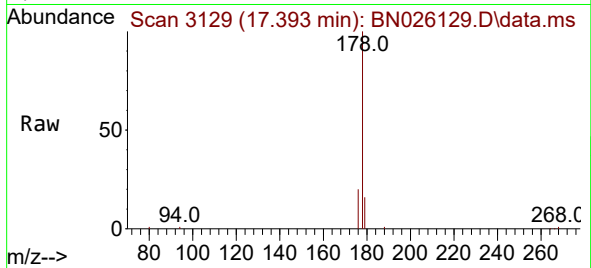




#15
Phenanthrene
Concen: 0.379 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

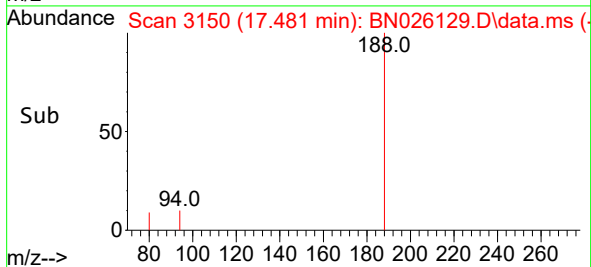
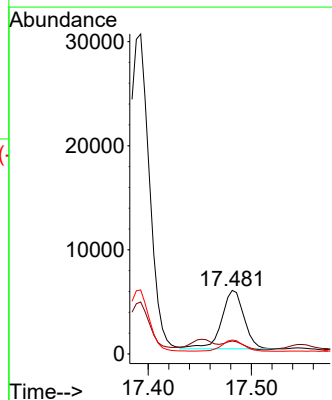
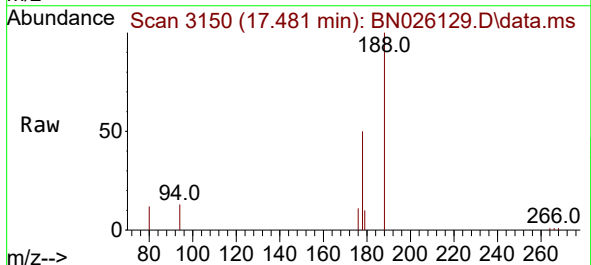
Instrument :
BNA_N
ClientSampleId :
DCFZ0

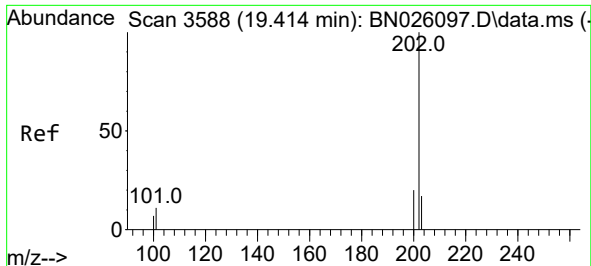
Tgt Ion:178 Resp: 44245
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.082 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

Tgt Ion:178 Resp: 8513
Ion Ratio Lower Upper
178 100
179 20.4 12.6 18.8#
176 22.1 15.1 22.7

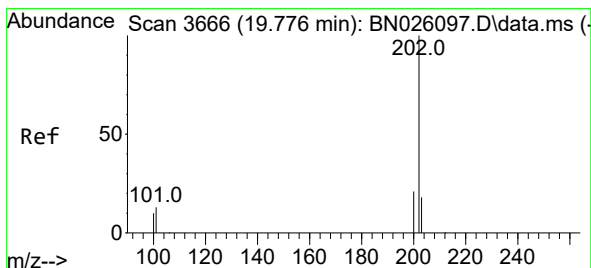
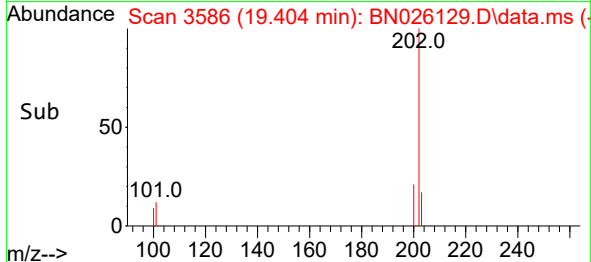
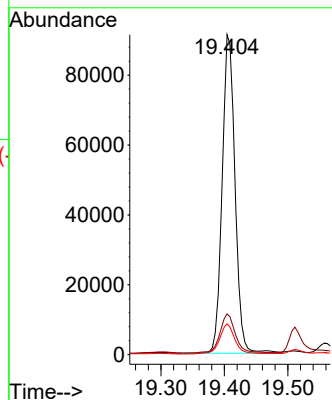
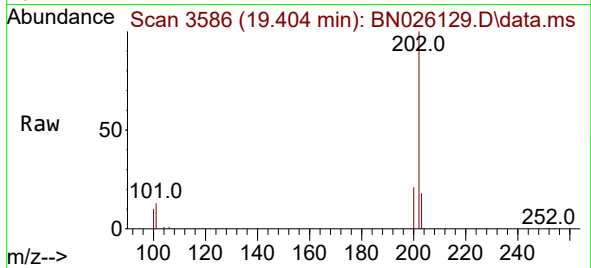




#19
Fluoranthene
Concen: 1.252 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.010 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

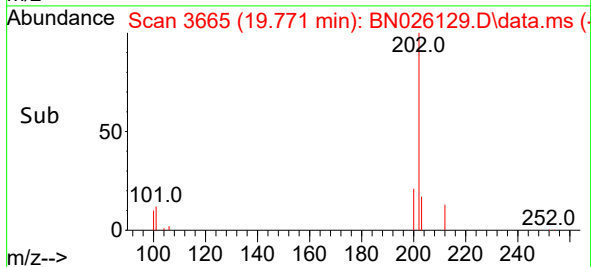
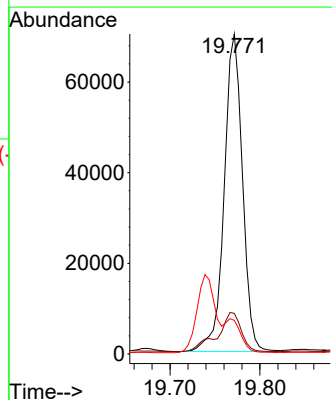
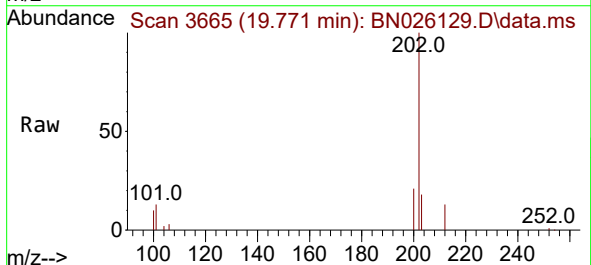
Instrument :
BNA_N
ClientSampleId :
DCFZ0

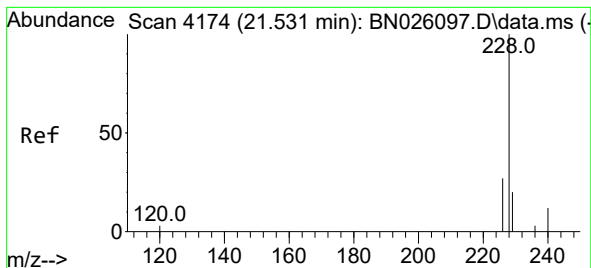
Tgt Ion:202 Resp: 128772
Ion Ratio Lower Upper
202 100
101 12.7 9.5 14.3
100 9.6 7.3 10.9



#20
Pyrene
Concen: 0.924 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.006 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

Tgt Ion:202 Resp: 98845
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.5 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.619 ng/ul

RT: 21.525 min Scan# 41

Delta R.T. -0.004 min

Lab File: BN026129.D

Acq: 30 Jun 2023 13:56

Instrument :

BNA_N

ClientSampleId :

DCFZ0

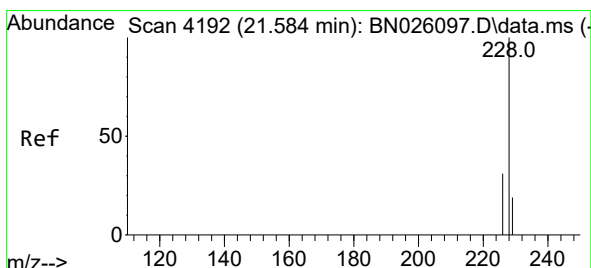
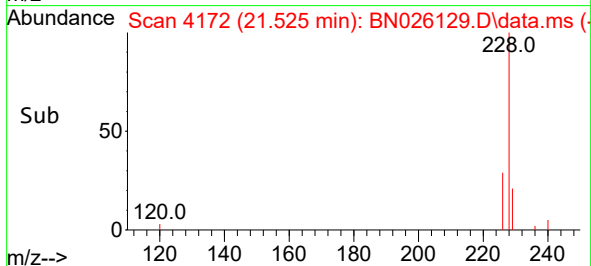
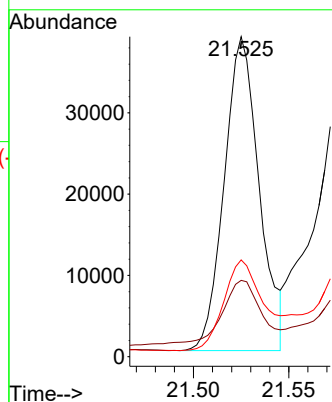
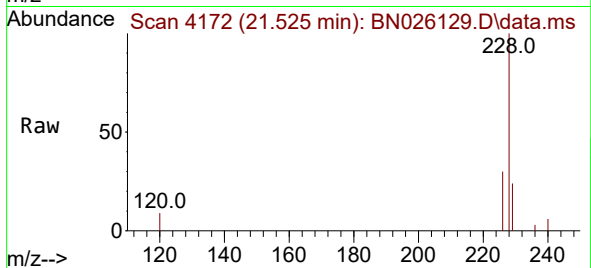
Tgt Ion:228 Resp: 49195

Ion Ratio Lower Upper

228 100

229 23.8 15.8 23.6#

226 30.2 22.5 33.7



#22

Chrysene

Concen: 0.734 ng/ul

RT: 21.578 min Scan# 4190

Delta R.T. -0.001 min

Lab File: BN026129.D

Acq: 30 Jun 2023 13:56

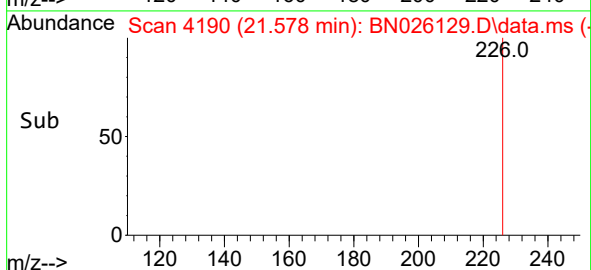
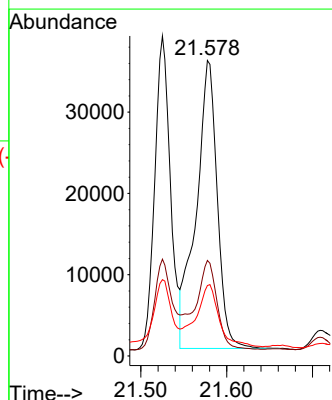
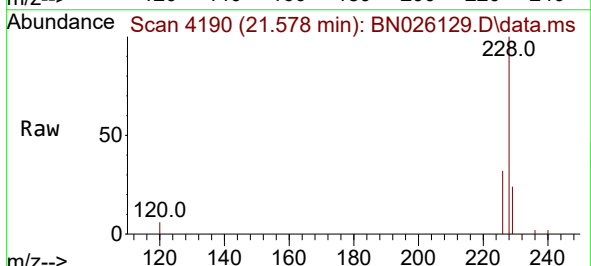
Tgt Ion:228 Resp: 60678

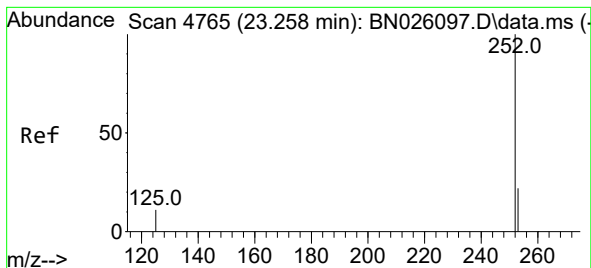
Ion Ratio Lower Upper

228 100

226 32.3 24.8 37.2

229 23.8 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 1.380 ng/ul

RT: 23.252 min Scan# 41

Delta R.T. -0.001 min

Lab File: BN026129.D

Acq: 30 Jun 2023 13:56

Instrument :

BNA_N

ClientSampleId :

DCFZ0

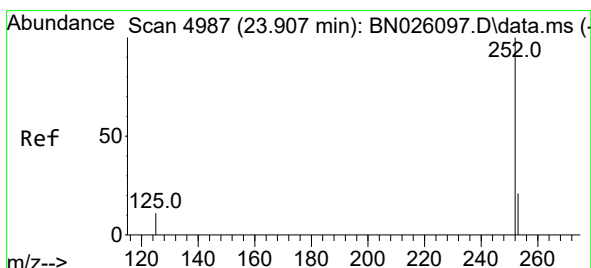
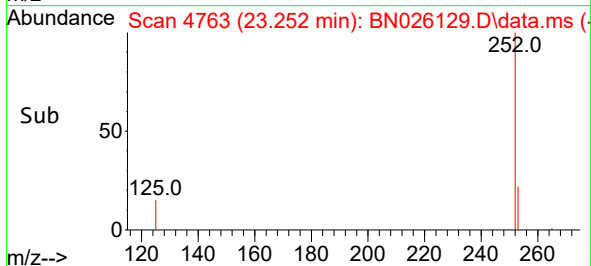
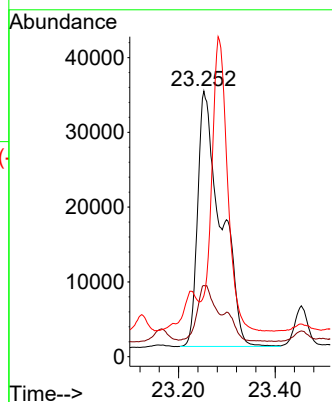
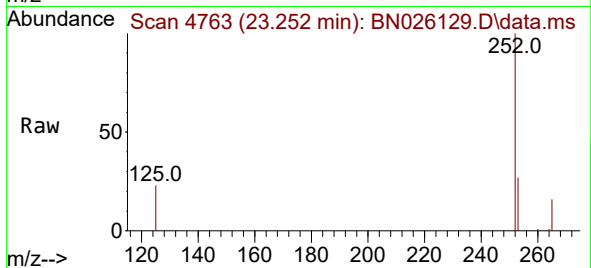
Tgt Ion:252 Resp: 113626

Ion Ratio Lower Upper

252 100

253 26.8 0.0 55.6

125 23.0 0.0 35.8



#26

Benzo(a)pyrene

Concen: 0.572 ng/ul

RT: 23.901 min Scan# 4985

Delta R.T. -0.004 min

Lab File: BN026129.D

Acq: 30 Jun 2023 13:56

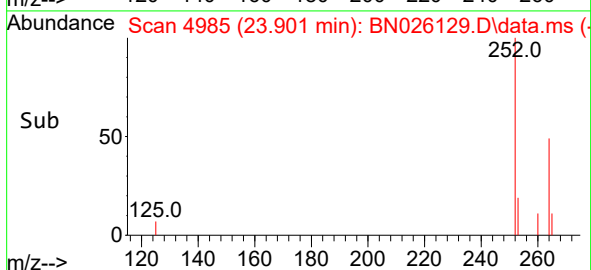
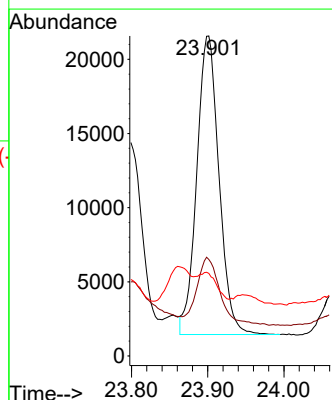
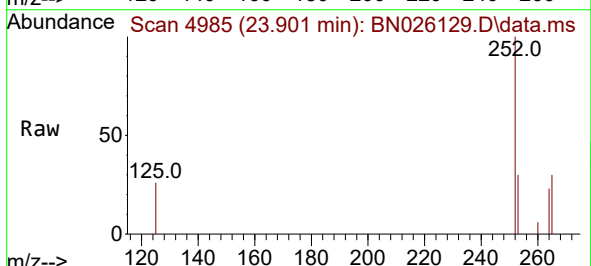
Tgt Ion:252 Resp: 40884

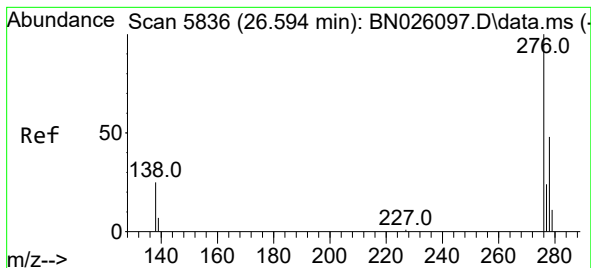
Ion Ratio Lower Upper

252 100

253 30.1 26.0 39.0

125 25.8 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.522 ng/ul

RT: 26.587 min Scan# 5834

Delta R.T. -0.008 min

Lab File: BN026129.D

Acq: 30 Jun 2023 13:56

Instrument :

BNA_N

ClientSampleId :

DCFZ0

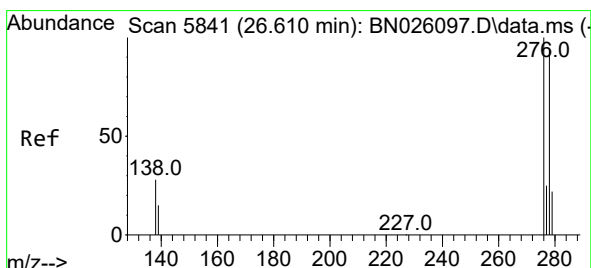
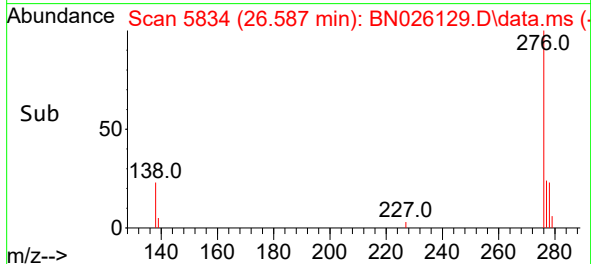
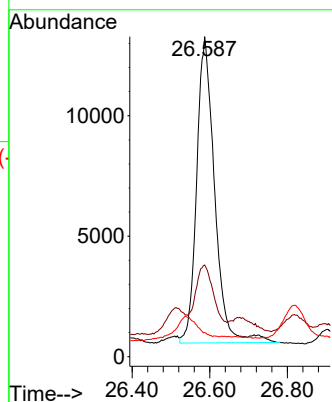
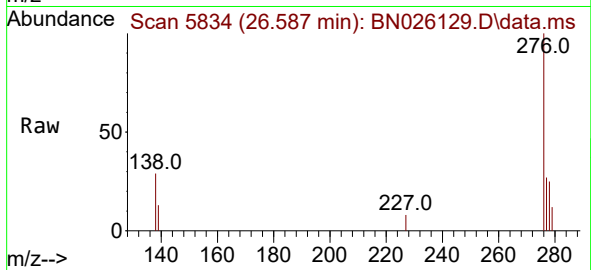
Tgt Ion:276 Resp: 40775

Ion Ratio Lower Upper

276 100

138 18.5 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.199 ng/ul

RT: 26.590 min Scan# 5835

Delta R.T. -0.024 min

Lab File: BN026129.D

Acq: 30 Jun 2023 13:56

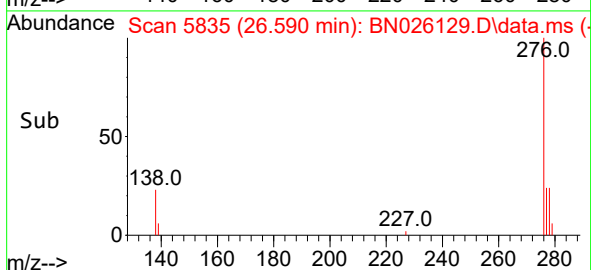
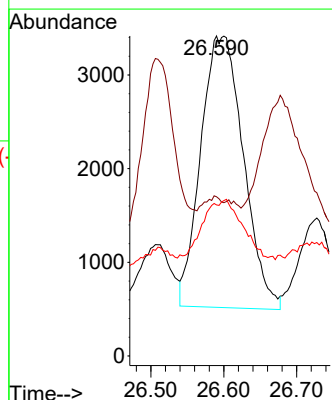
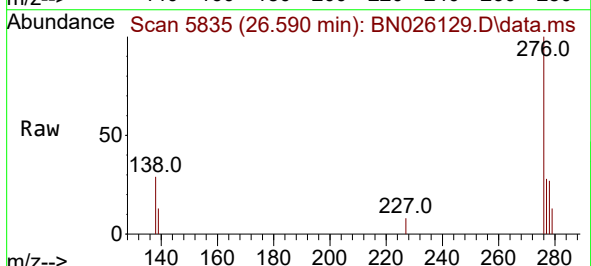
Tgt Ion:278 Resp: 11781

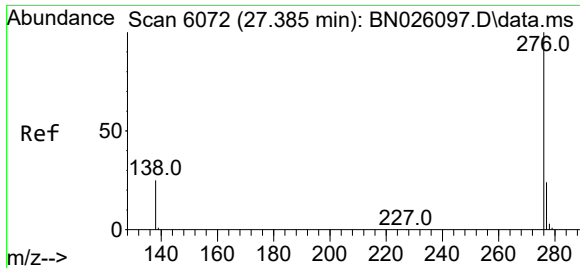
Ion Ratio Lower Upper

278 100

139 49.8 19.0 28.4#

279 47.2 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.130 ng/ul
 RT: 27.382 min Scan# 6071
 Delta R.T. -0.004 min
 Lab File: BN026129.D
 Acq: 30 Jun 2023 13:56

Instrument :
 BNA_N
 ClientSampleId :
 DCFZ0

Tgt Ion:276 Resp: 8998
 Ion Ratio Lower Upper
 276 100
 138 62.4 23.4 35.0#
 277 45.0 20.0 30.0#

