

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026104.D
 Acq On : 29 Jun 2023 20:57
 Operator : MA/JU
 Sample : 03143-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV3

Quant Time: Jun 30 00:45:38 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

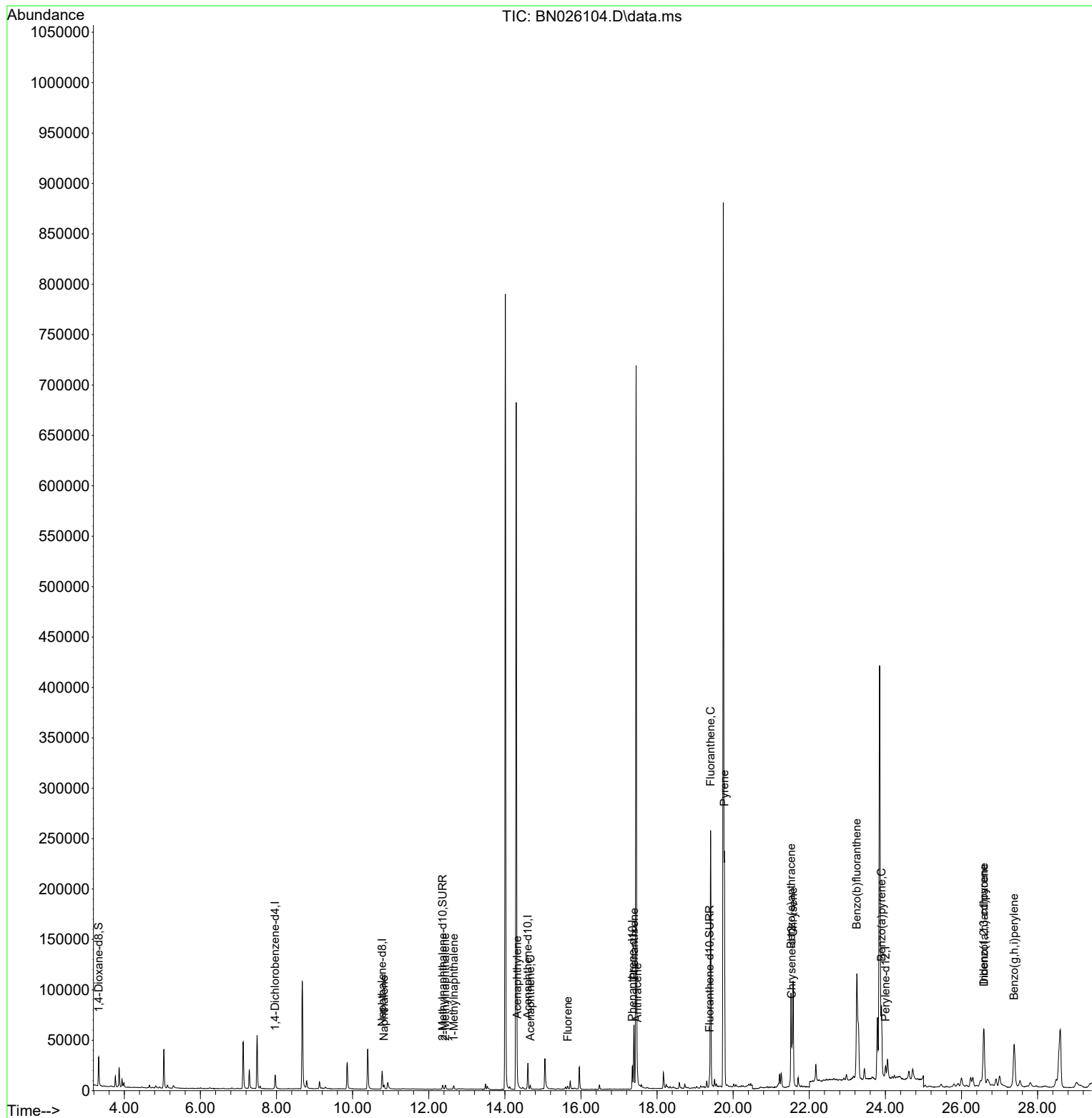
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	8007	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.776	136	26022	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	14952	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	27896	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	15124	0.400	ng/ul	# 0.00
23) Perylene-d12	24.006	264	16798	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	19633	2.177	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	5915	0.148	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	9866	0.171	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.825	128	5676	0.076	ng/ul#	94
7) 2-Methylnaphthalene	12.436	142	3431	0.072	ng/ul	99
8) 1-Methylnaphthalene	12.656	142	2633	0.054	ng/ul	97
10) Acenaphthylene	14.326	152	4609	0.066	ng/ul#	92
11) Acenaphthene	14.668	153	2462	0.043	ng/ul	99
12) Fluorene	15.654	166	1859	0.028	ng/ul#	97
15) Phenanthrene	17.394	178	69484	0.754	ng/ul	100
16) Anthracene	17.483	178	9333	0.114	ng/ul#	93
19) Fluoranthene	19.406	202	226323	2.802	ng/ul	99
20) Pyrene	19.769	202	185061	2.203	ng/ul	98
21) Benzo(a)anthracene	21.521	228	77031	1.235	ng/ul	97
22) Chrysene	21.574	228	119684	1.844	ng/ul	97
24) Benzo(b)fluoranthene	23.248	252	245054	3.418	ng/ul	93
26) Benzo(a)pyrene	23.897	252	99265	1.594	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.585	276	101444	1.491	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.592	278	22040	0.428	ng/ul	94
29) Benzo(g,h,i)perylene	27.383	276	92625	1.531	ng/ul	96

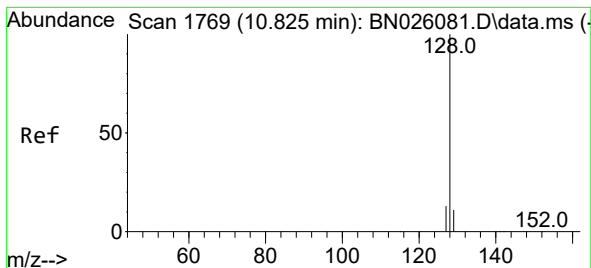
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.076 ng/ul

RT: 10.825 min Scan# 1769

Delta R.T. -0.011 min

Lab File: BN026104.D

Acq: 29 Jun 2023 20:57

Instrument :

BNA_N

ClientSampleId :

DCFV3

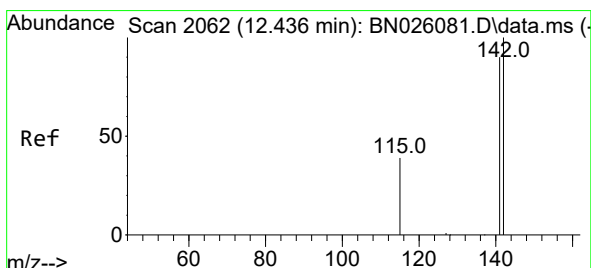
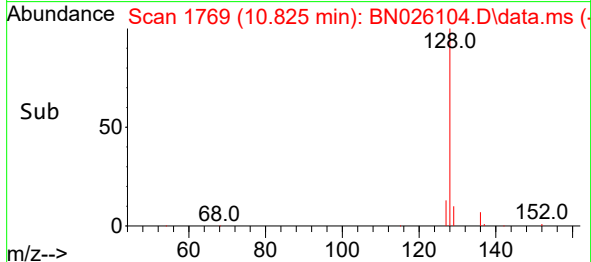
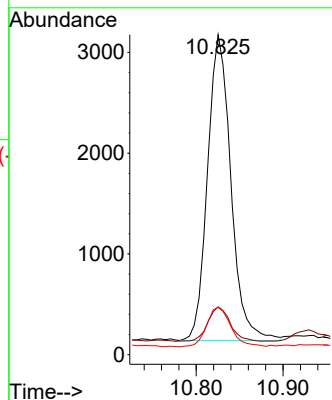
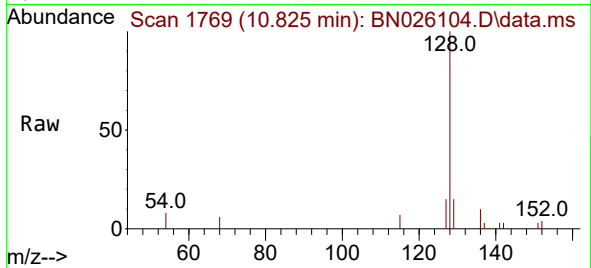
Tgt Ion:128 Resp: 5676

Ion Ratio Lower Upper

128 100

129 15.0 9.1 13.7#

127 14.8 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.072 ng/ul

RT: 12.436 min Scan# 2062

Delta R.T. -0.011 min

Lab File: BN026104.D

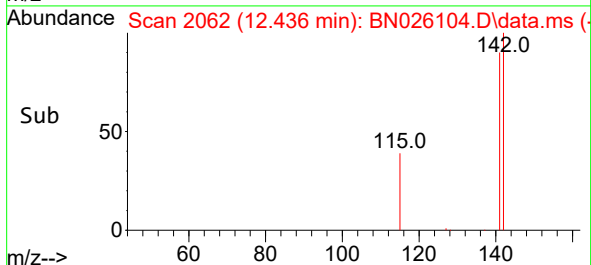
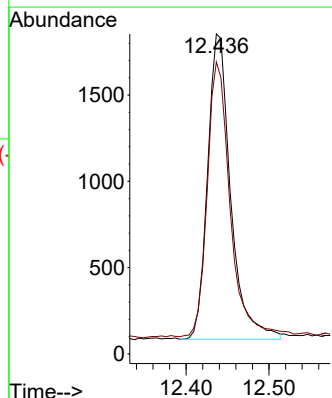
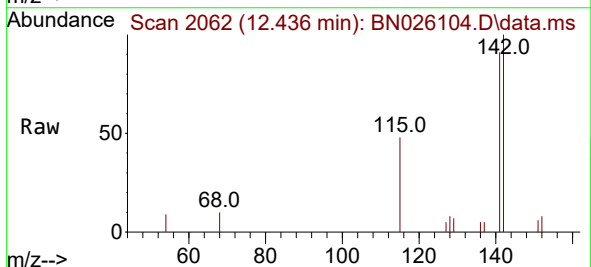
Acq: 29 Jun 2023 20:57

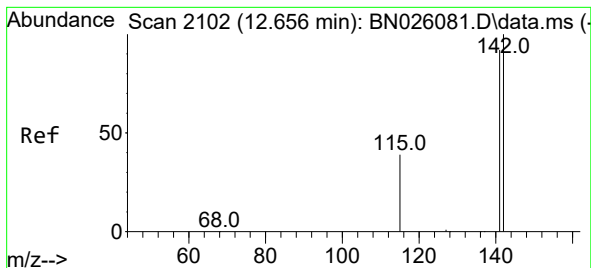
Tgt Ion:142 Resp: 3431

Ion Ratio Lower Upper

142 100

141 88.9 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.054 ng/ul

RT: 12.656 min Scan# 2102

Delta R.T. -0.005 min

Lab File: BN026104.D

Acq: 29 Jun 2023 20:57

Instrument :

BNA_N

ClientSampleId :

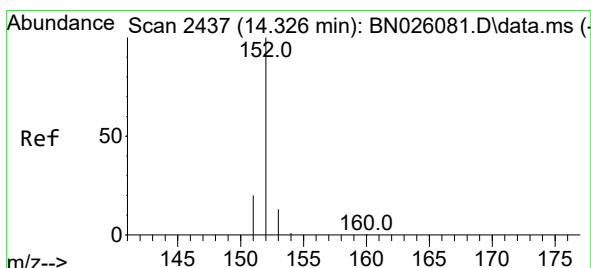
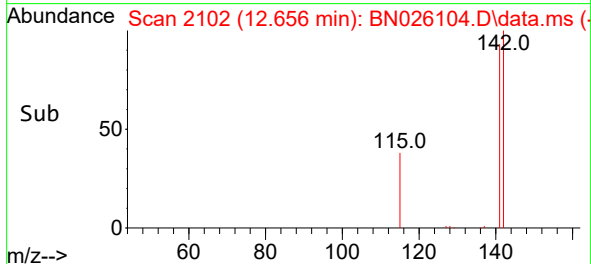
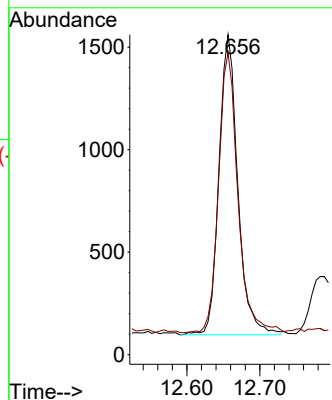
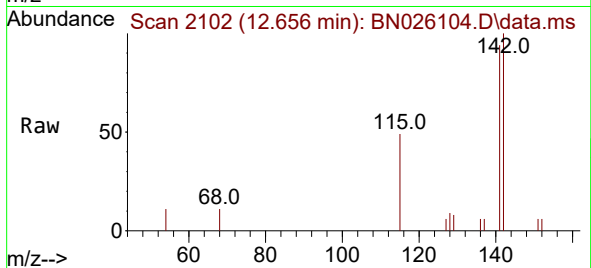
DCFV3

Tgt Ion:142 Resp: 2633

Ion Ratio Lower Upper

142 100

141 95.4 74.2 111.4



#10

Acenaphthylene

Concen: 0.066 ng/ul

RT: 14.326 min Scan# 2437

Delta R.T. -0.004 min

Lab File: BN026104.D

Acq: 29 Jun 2023 20:57

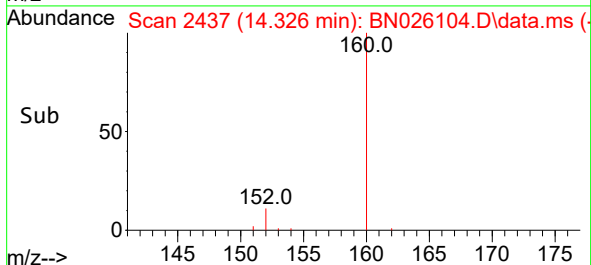
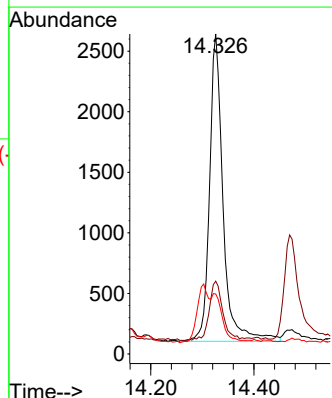
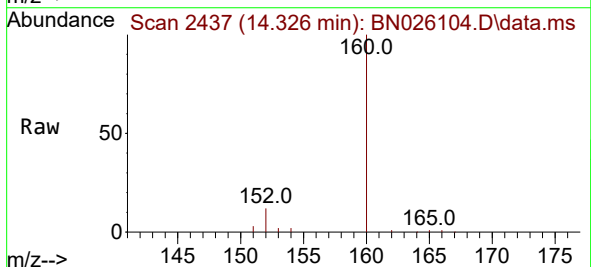
Tgt Ion:152 Resp: 4609

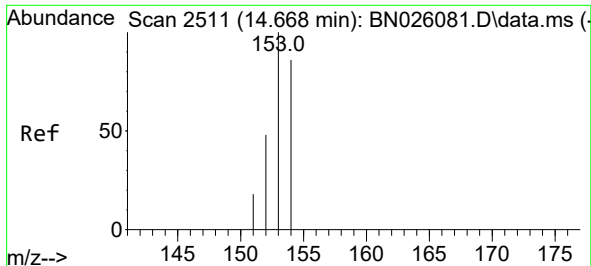
Ion Ratio Lower Upper

152 100

151 22.7 16.2 24.4

153 18.7 10.9 16.3#

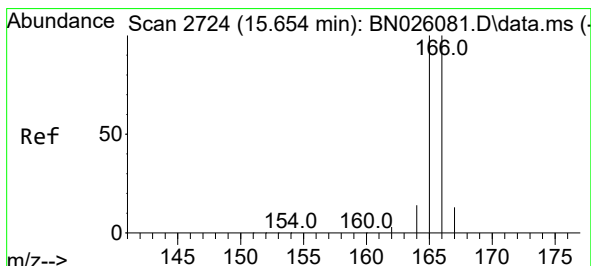
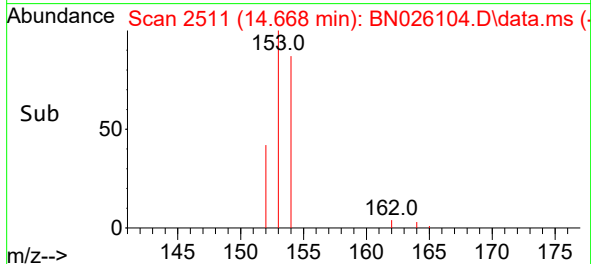
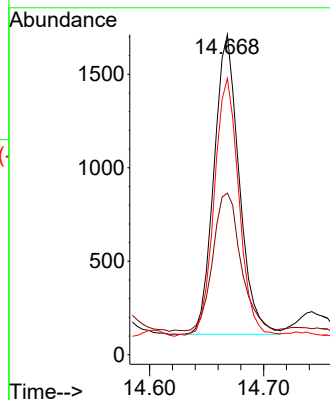
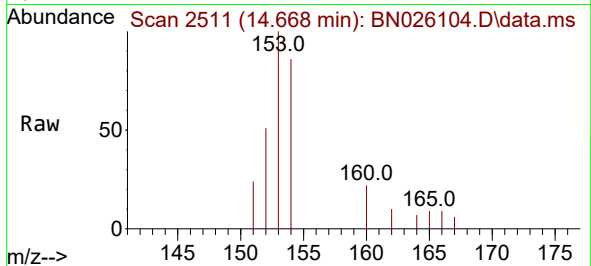




#11
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.668 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

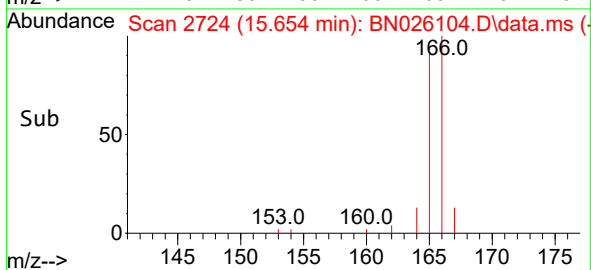
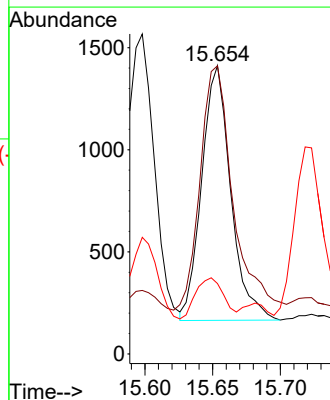
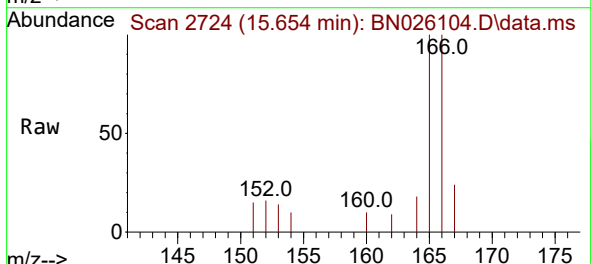
Instrument :
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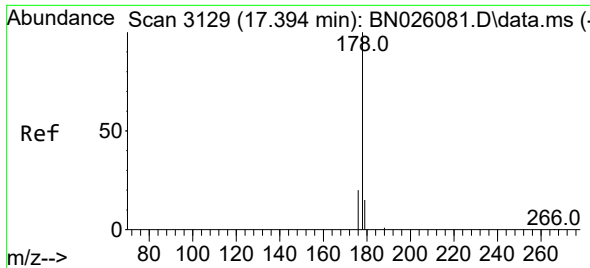
Tgt Ion:153 Resp: 2462
Ion Ratio Lower Upper
153 100
152 50.5 39.4 59.0
154 86.3 68.9 103.3



#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.654 min Scan# 2724
Delta R.T. -0.008 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

Tgt Ion:166 Resp: 1859
Ion Ratio Lower Upper
166 100
165 99.9 79.9 119.9
167 24.4 10.8 16.2#

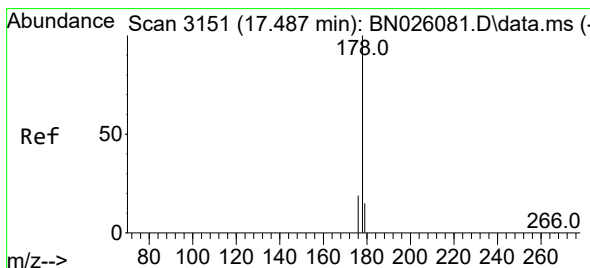
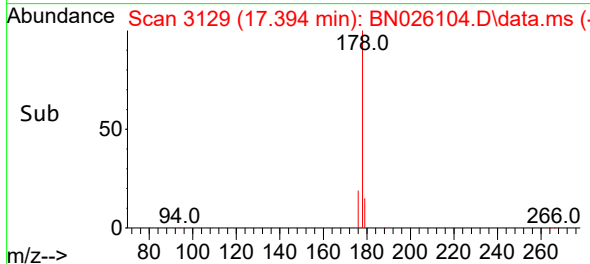
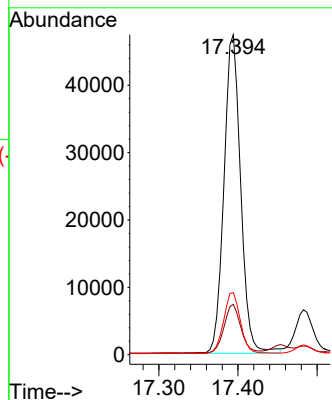
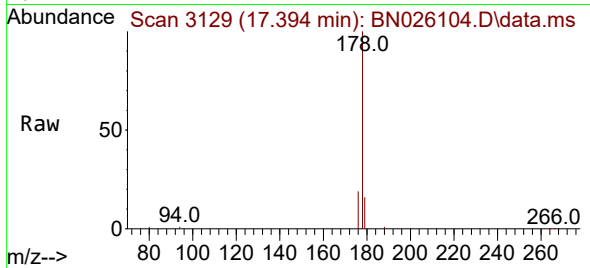




#15
Phenanthrene
Concen: 0.754 ng/ul
RT: 17.394 min Scan# 3129
Delta R.T. -0.007 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

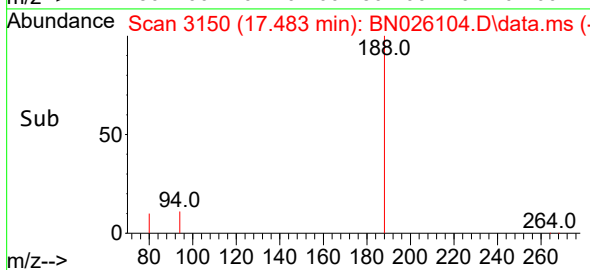
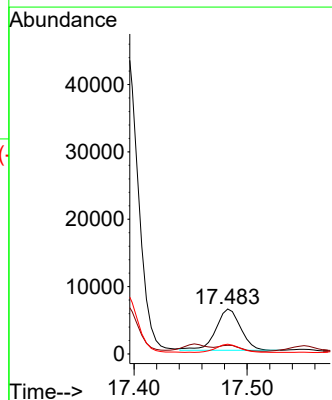
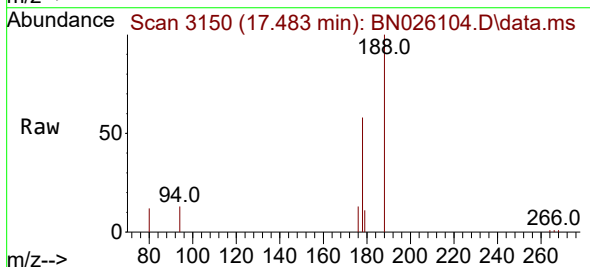
Instrument :
BNA_N
ClientSampleId :
DCFV3

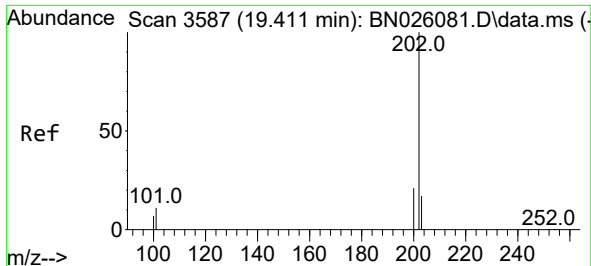
Tgt Ion:178 Resp: 69484
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.4 15.8 23.6



#16
Anthracene
Concen: 0.114 ng/ul
RT: 17.483 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

Tgt Ion:178 Resp: 9333
Ion Ratio Lower Upper
178 100
179 19.3 12.6 18.8#
176 21.6 15.1 22.7

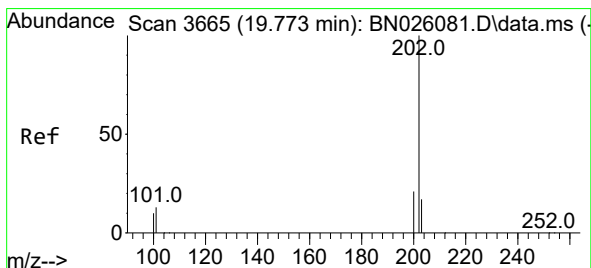
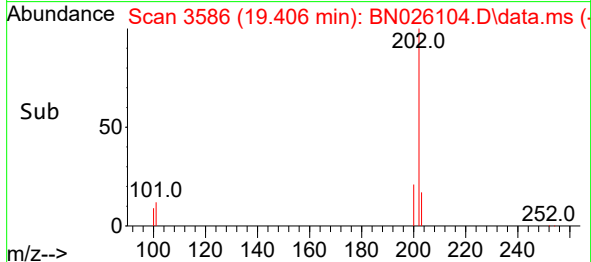
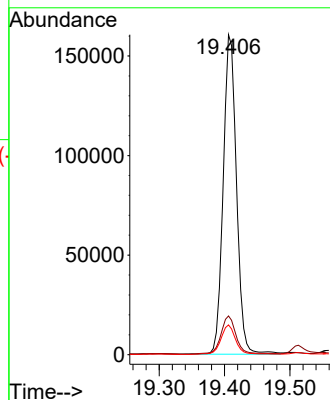
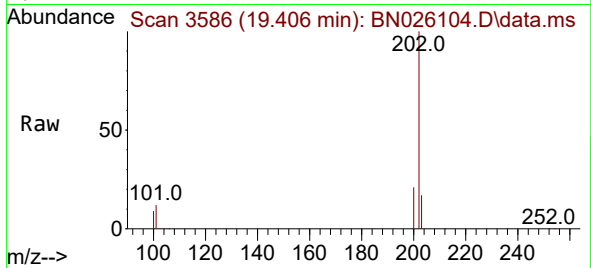




#19
Fluoranthene
Concen: 2.802 ng/u1
RT: 19.406 min Scan# 3586
Delta R.T. -0.008 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

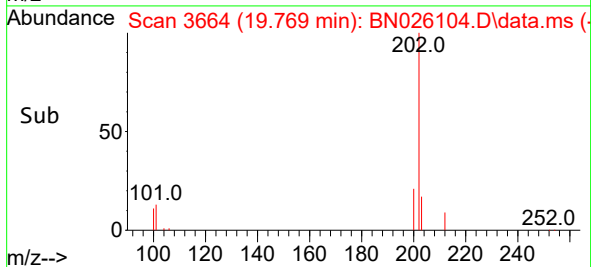
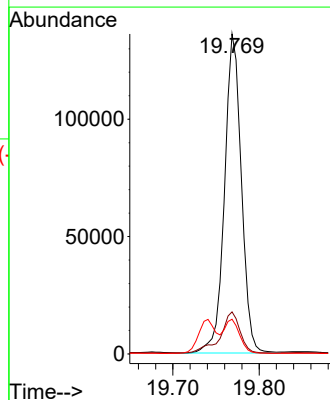
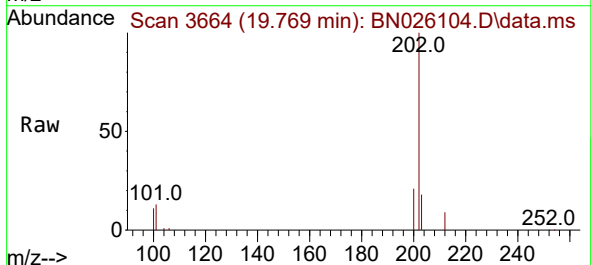
Instrument :
BNA_N
ClientSampleId :
DCFV3

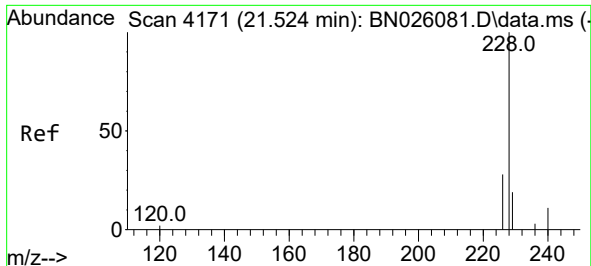
Tgt Ion:202 Resp: 226323
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.3 7.3 10.9



#20
Pyrene
Concen: 2.203 ng/u1
RT: 19.769 min Scan# 3664
Delta R.T. -0.008 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

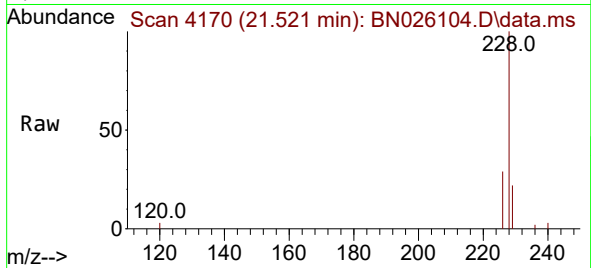
Tgt Ion:202 Resp: 185061
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.8 9.1 13.7



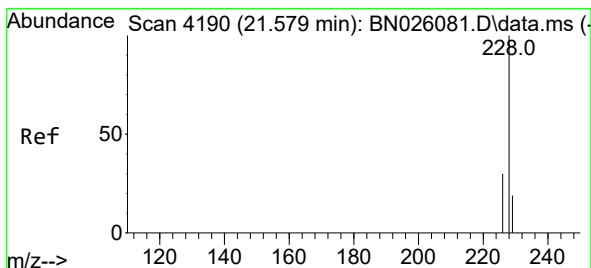
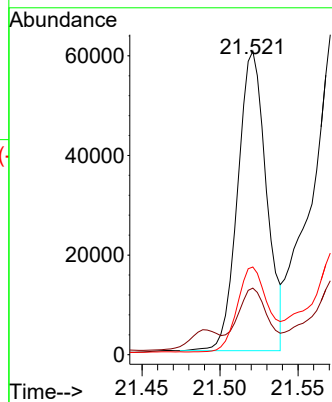
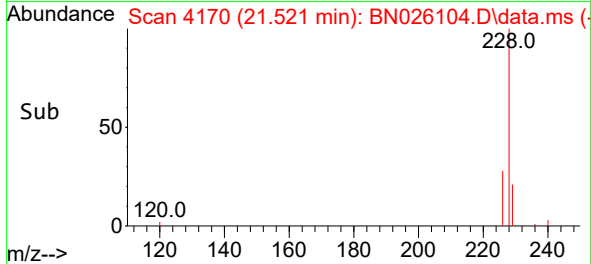


#21
Benzo(a)anthracene
Concen: 1.235 ng/ul
RT: 21.521 min Scan# 4171
Delta R.T. -0.008 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

Instrument :
BNA_N
ClientSampleId :
DCFV3

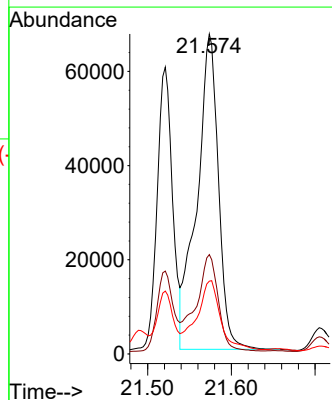
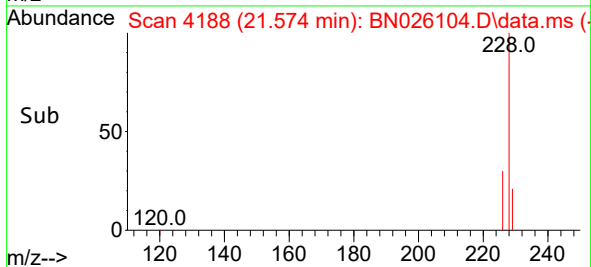
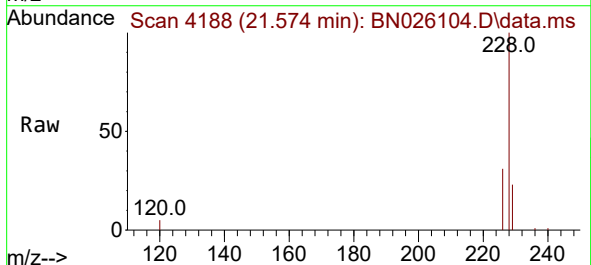


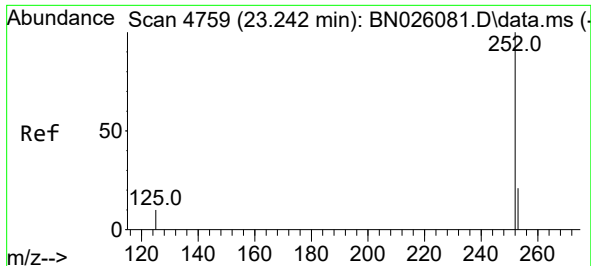
Tgt Ion:228 Resp: 77031
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 28.9 22.5 33.7



#22
Chrysene
Concen: 1.844 ng/ul
RT: 21.574 min Scan# 4188
Delta R.T. -0.005 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

Tgt Ion:228 Resp: 119684
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.8 15.7 23.5

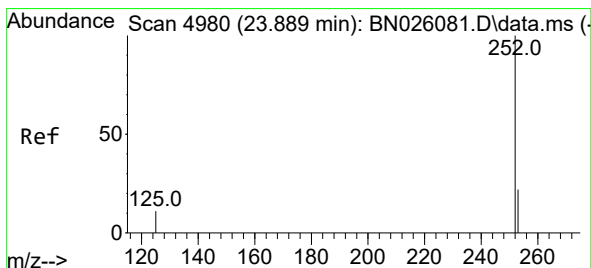
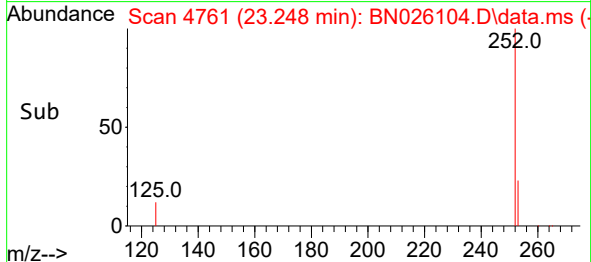
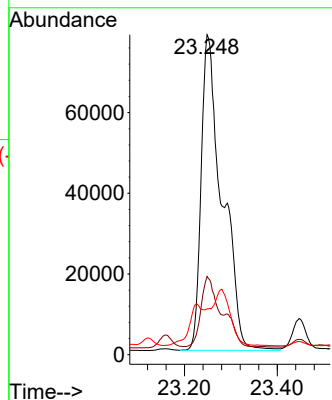
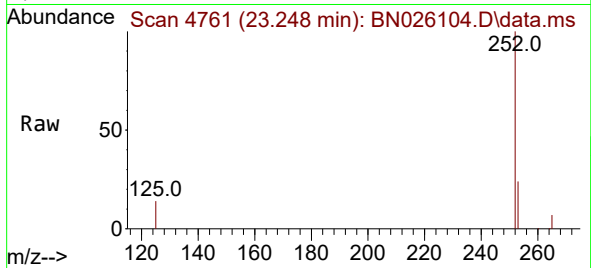




#24
Benzo(b)fluoranthene
Concen: 3.418 ng/ul
RT: 23.248 min Scan# 41
Delta R.T. -0.005 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

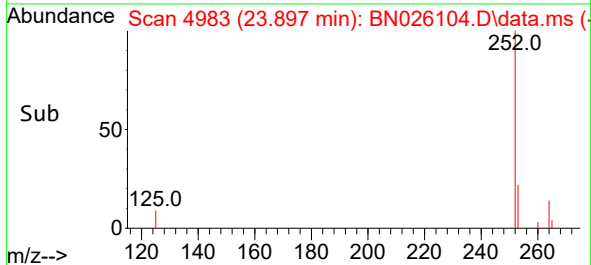
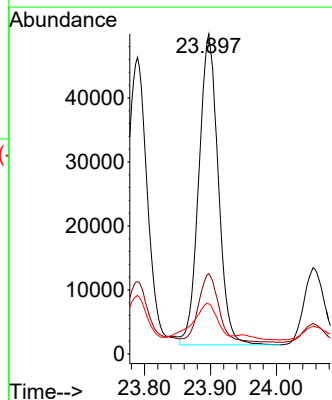
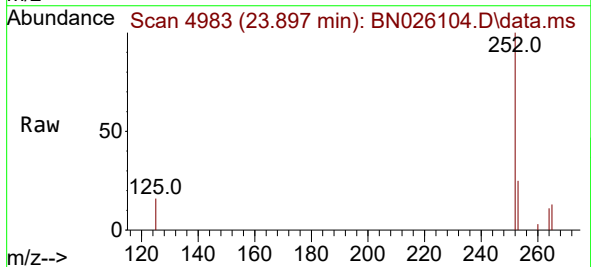
Instrument :
BNA_N
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DCFV3

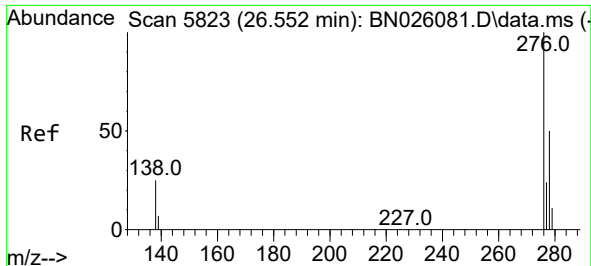
Tgt Ion:252 Resp: 245054
Ion Ratio Lower Upper
252 100
253 24.4 0.0 55.6
125 14.4 0.0 35.8



#26
Benzo(a)pyrene
Concen: 1.594 ng/ul
RT: 23.897 min Scan# 4983
Delta R.T. -0.008 min
Lab File: BN026104.D
Acq: 29 Jun 2023 20:57

Tgt Ion:252 Resp: 99265
Ion Ratio Lower Upper
252 100
253 25.1 26.0 39.0#
125 15.6 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.491 ng/ul

RT: 26.585 min Scan# 5833

Delta R.T. -0.009 min

Lab File: BN026104.D

Acq: 29 Jun 2023 20:57

Instrument :

BNA_N

ClientSampleId :

DCFV3

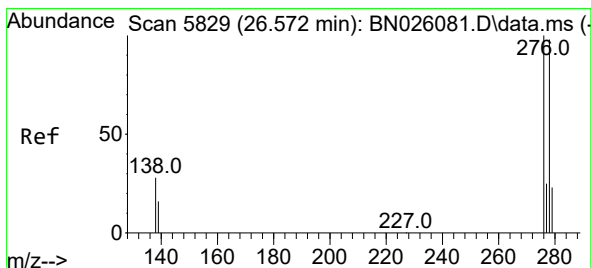
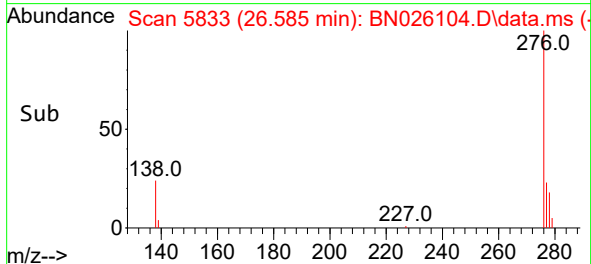
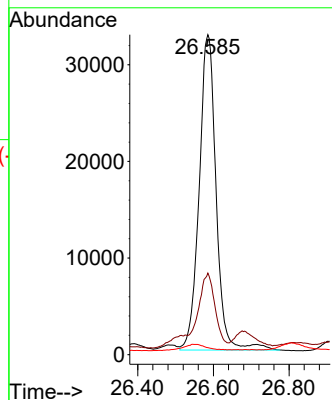
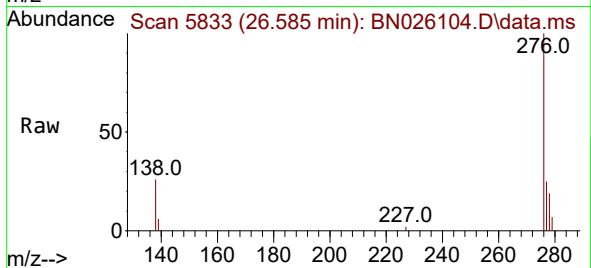
Tgt Ion:276 Resp: 101444

Ion Ratio Lower Upper

276 100

138 22.5 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.428 ng/ul

RT: 26.592 min Scan# 5835

Delta R.T. -0.023 min

Lab File: BN026104.D

Acq: 29 Jun 2023 20:57

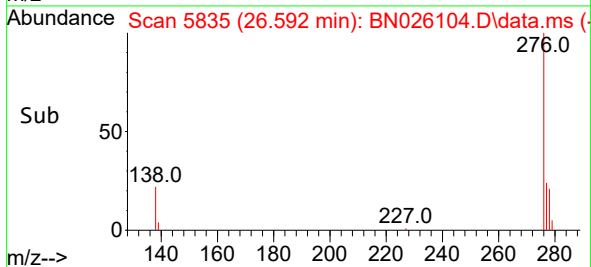
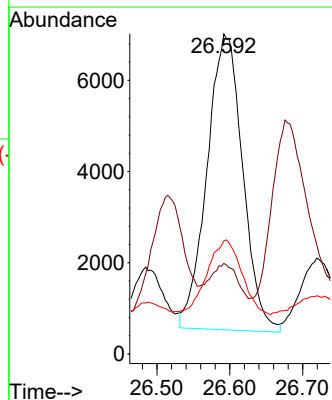
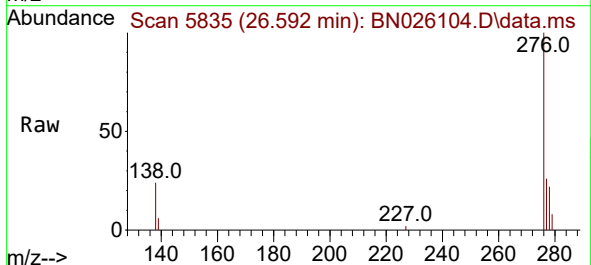
Tgt Ion:278 Resp: 22040

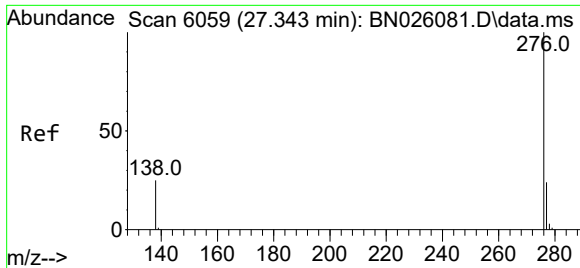
Ion Ratio Lower Upper

278 100

139 28.3 19.0 28.4

279 35.3 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.531 ng/ul
 RT: 27.383 min Scan# 60
 Delta R.T. -0.002 min
 Lab File: BN026104.D
 Acq: 29 Jun 2023 20:57

Instrument :
 BNA_N
 ClientSampleId :
 DCFV3

Tgt Ion:276 Resp: 92625
 Ion Ratio Lower Upper
 276 100
 138 25.8 23.4 35.0
 277 24.8 20.0 30.0

