

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026683.D
 Acq On : 23 Jul 2023 18:57
 Operator : MA/JU
 Sample : 03472-32DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 00:42:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

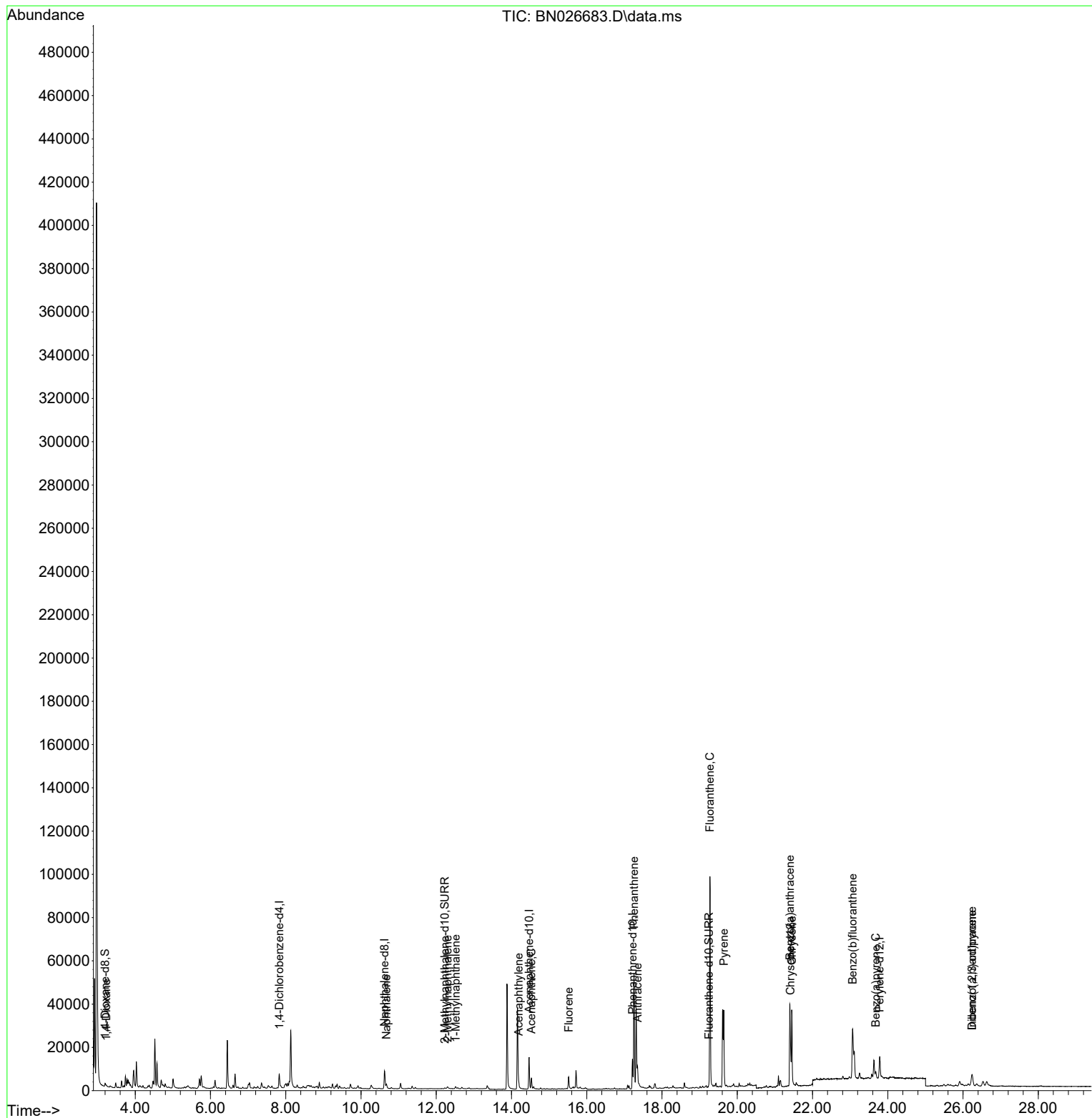
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	4266	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	14019	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	8675	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	18257	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.414	240	12423	0.400	ng/ul	# 0.00
23) Perylene-d12	23.784	264	14341	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1101	0.196	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	798	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	1761	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.233	88	133	0.025	ng/ul#	1
5) Naphthalene	10.674	128	3089	0.080	ng/ul#	95
7) 2-Methylnaphthalene	12.302	142	926	0.042	ng/ul	99
8) 1-Methylnaphthalene	12.517	142	845	0.036	ng/ul	94
10) Acenaphthylene	14.189	152	2885	0.068	ng/ul#	92
11) Acenaphthene	14.527	153	3262	0.101	ng/ul	100
12) Fluorene	15.517	166	4031	0.119	ng/ul	99
15) Phenanthrene	17.257	178	59604	1.025	ng/ul	98
16) Anthracene	17.350	178	11006	0.218	ng/ul	99
19) Fluoranthene	19.274	202	94669	1.626	ng/ul#	94
20) Pyrene	19.641	202	34784	0.550	ng/ul#	95
21) Benzo(a)anthracene	21.396	228	34453	0.755	ng/ul	99
22) Chrysene	21.449	228	34215	0.658	ng/ul	98
24) Benzo(b)fluoranthene	23.065	252	58546	1.048	ng/ul	87
26) Benzo(a)pyrene	23.679	252	4531	0.091	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.241	276	7404	0.114	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.241	278	5114	0.102	ng/ul#	81

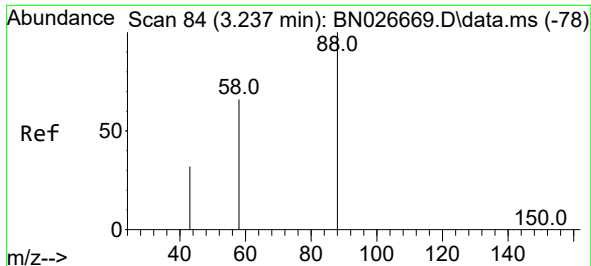
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 24 00:42:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration

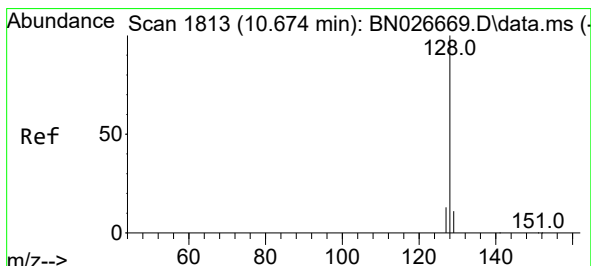
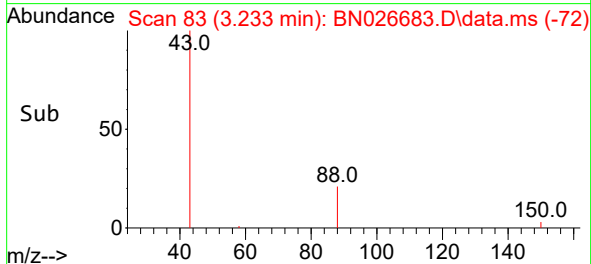
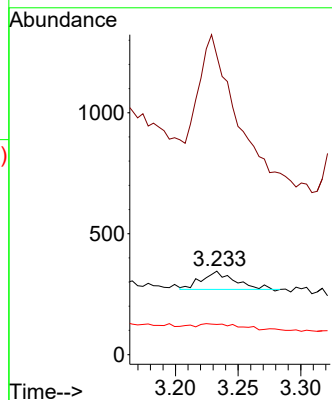
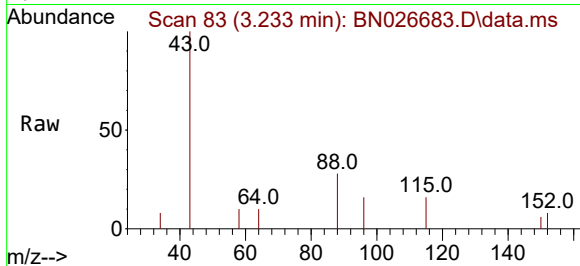




#2
 1,4-Dioxane
 Concen: 0.025 ng/ul
 RT: 3.233 min Scan# 84
 Delta R.T. -0.004 min
 Lab File: BN026683.D
 Acq: 23 Jul 2023 18:57

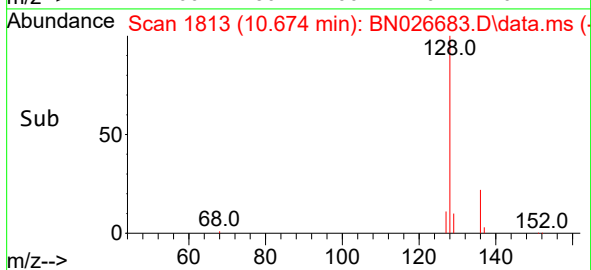
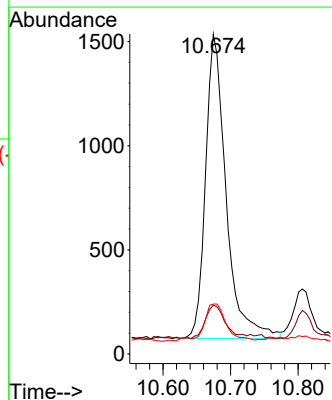
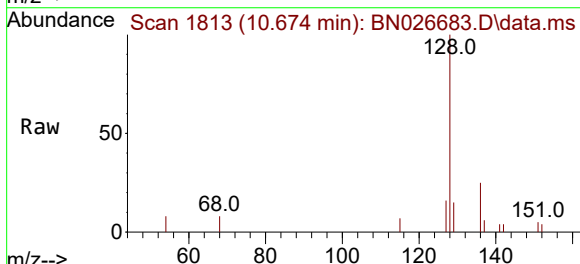
Instrument :
 BNA_N
 ClientSampleId :

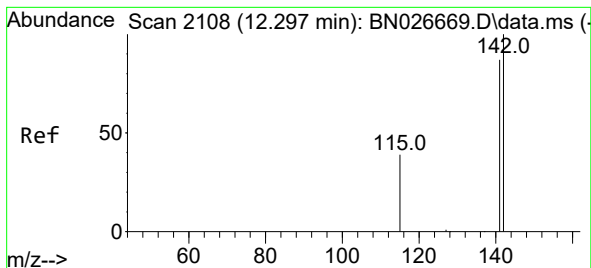
Tgt Ion: 88 Resp: 133
 Ion Ratio Lower Upper
 88 100
 43 358.3 33.0 49.6#
 58 36.2 41.7 62.5#



#5
 Naphthalene
 Concen: 0.080 ng/ul
 RT: 10.674 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BN026683.D
 Acq: 23 Jul 2023 18:57

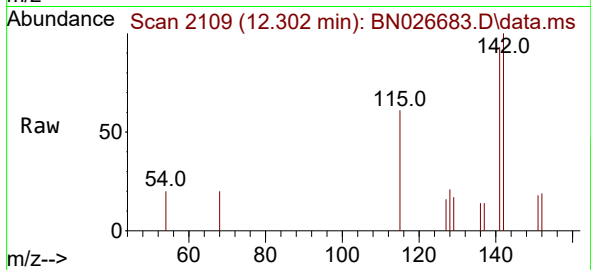
Tgt Ion: 128 Resp: 3089
 Ion Ratio Lower Upper
 128 100
 129 15.3 10.2 15.2#
 127 15.6 11.4 17.0



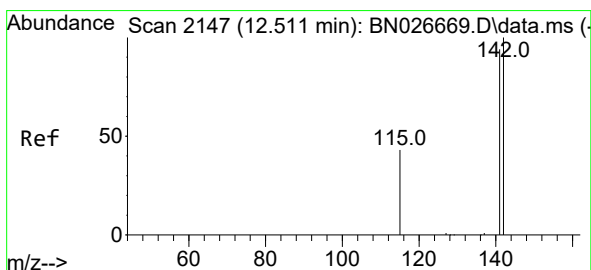
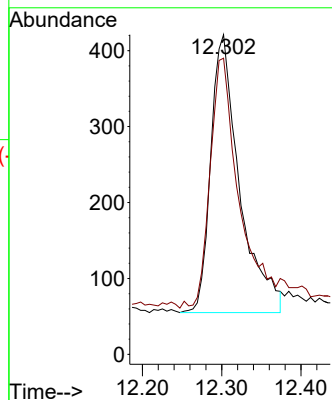
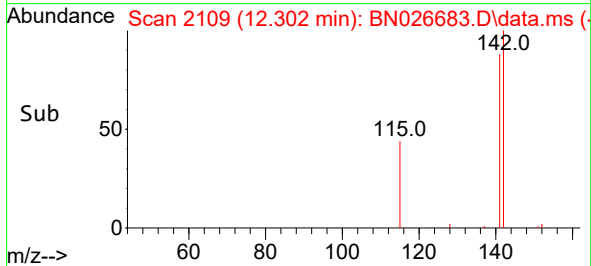


#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. 0.005 min
Lab File: BN026683.D
Acq: 23 Jul 2023 18:57

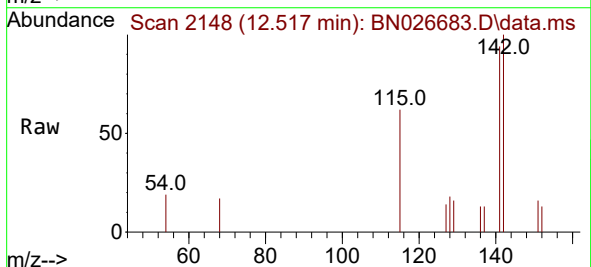
Instrument :
BNA_N
ClientSampleId :



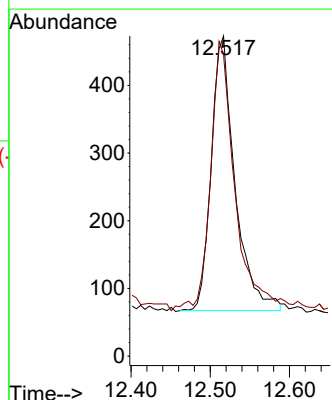
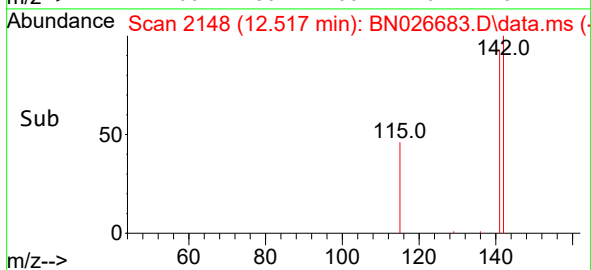
Tgt Ion:142 Resp: 926
Ion Ratio Lower Upper
142 100
141 89.8 72.3 108.5

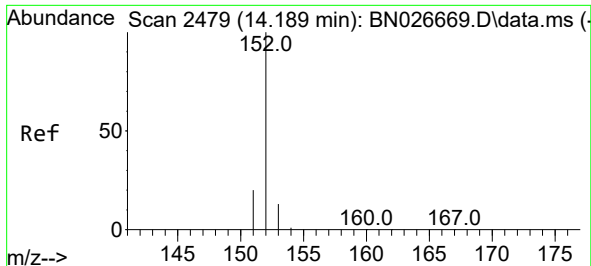


#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BN026683.D
Acq: 23 Jul 2023 18:57



Tgt Ion:142 Resp: 845
Ion Ratio Lower Upper
142 100
141 99.3 74.5 111.7

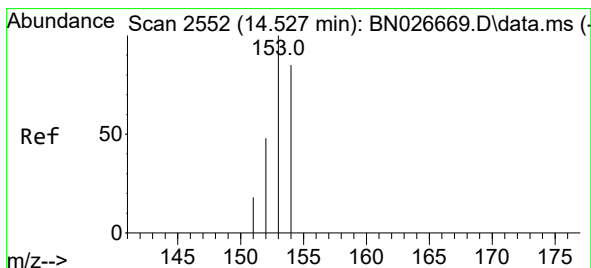
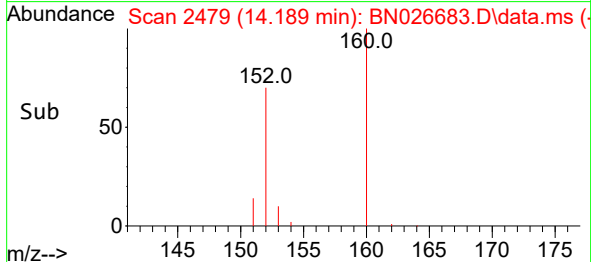
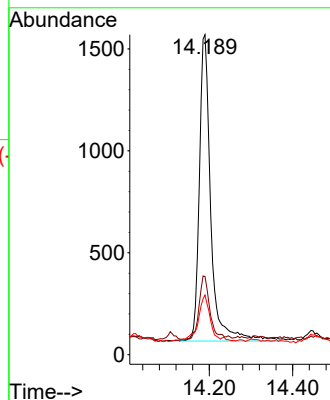
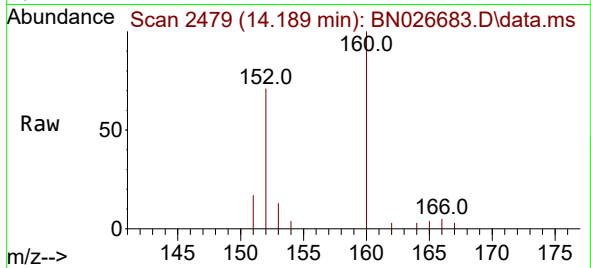




#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BN026683.D
Acq: 23 Jul 2023 18:57

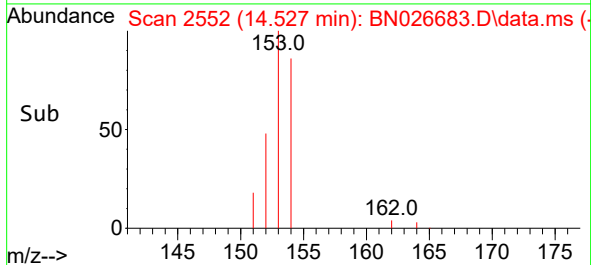
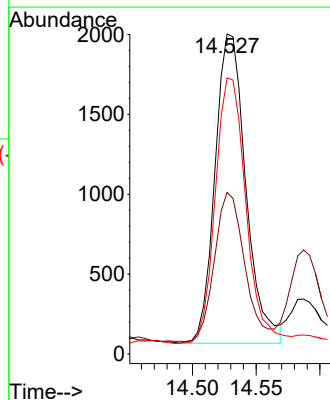
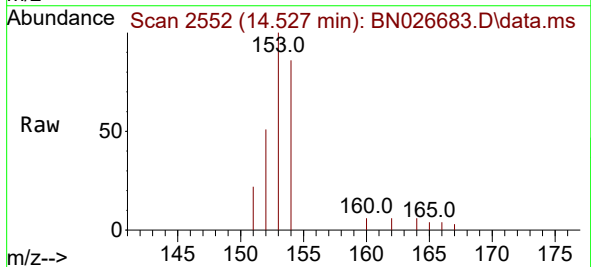
Instrument :
BNA_N
ClientSampleId :

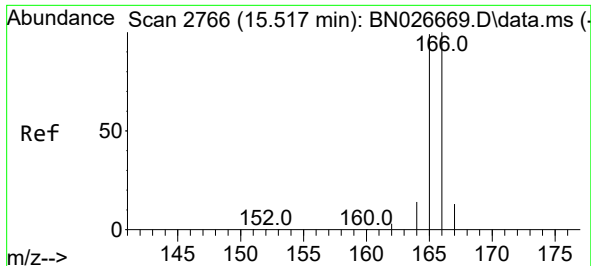
Tgt Ion:152 Resp: 2885
Ion Ratio Lower Upper
152 100
151 24.5 17.0 25.6
153 18.7 11.4 17.2#



#11
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BN026683.D
Acq: 23 Jul 2023 18:57

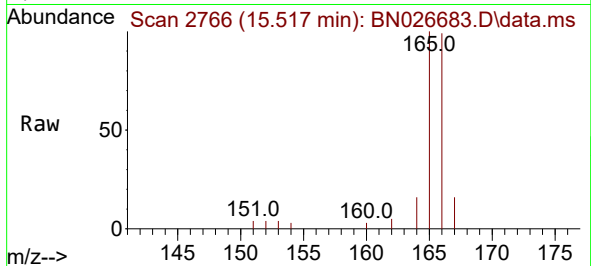
Tgt Ion:153 Resp: 3262
Ion Ratio Lower Upper
153 100
152 50.5 40.2 60.4
154 86.3 69.3 103.9



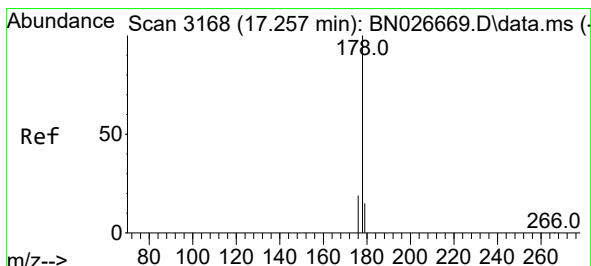
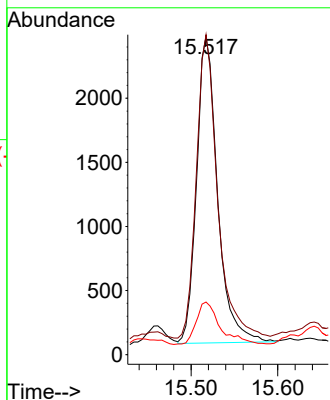
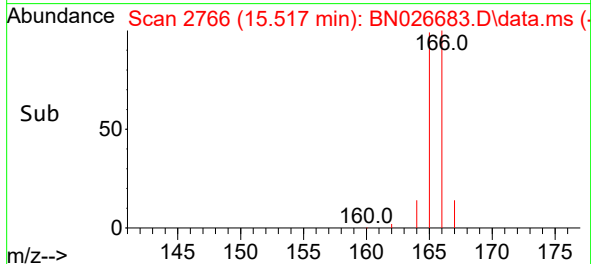


#12
Fluorene
Concen: 0.119 ng/ul
RT: 15.517 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026683.D
Acq: 23 Jul 2023 18:57

Instrument :
BNA_N
ClientSampleId :

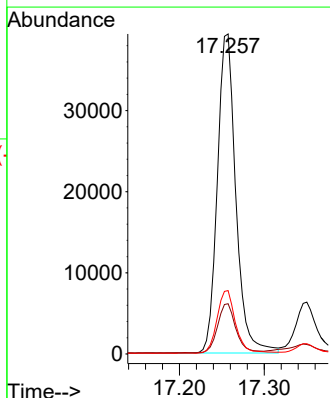
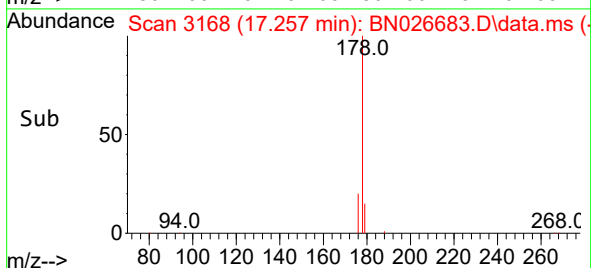
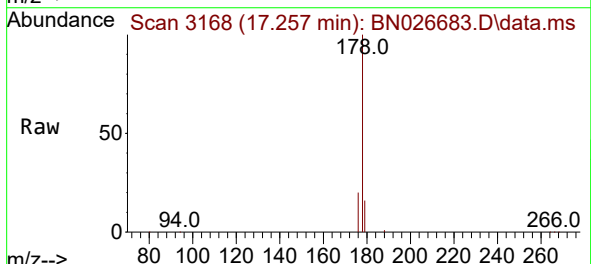


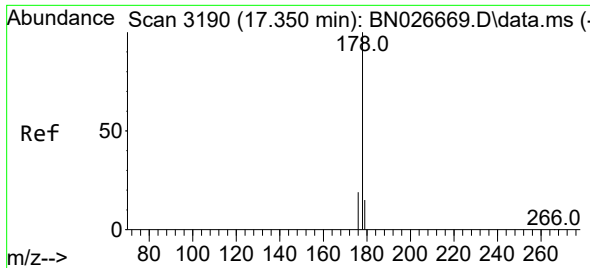
Tgt Ion:166 Resp: 4031
Ion Ratio Lower Upper
166 100
165 100.6 80.6 120.8
167 16.5 12.0 18.0



#15
Phenanthrene
Concen: 1.025 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BN026683.D
Acq: 23 Jul 2023 18:57

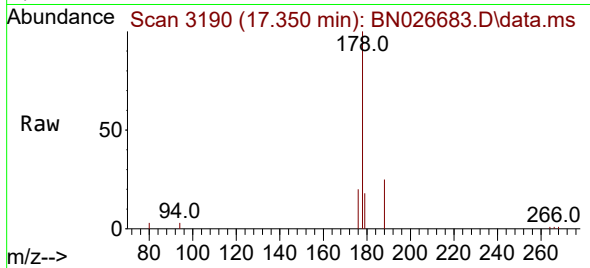
Tgt Ion:178 Resp: 59604
Ion Ratio Lower Upper
178 100
179 15.7 13.7 20.5
176 19.8 16.5 24.7



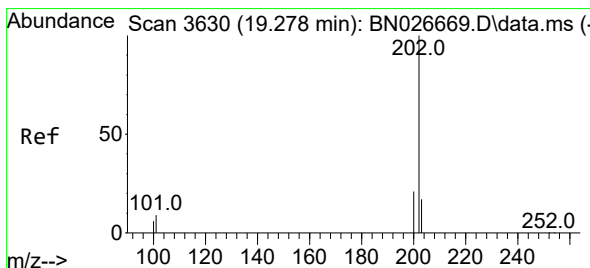
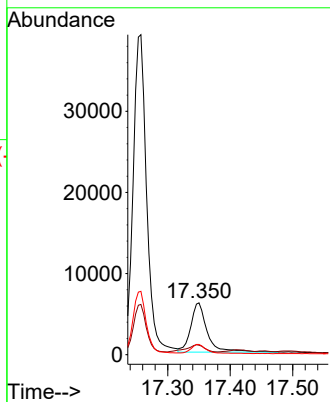
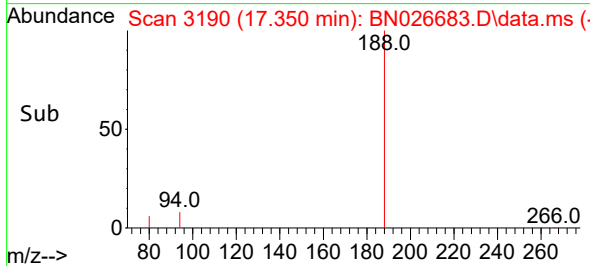


#16
 Anthracene
 Concen: 0.218 ng/ul
 RT: 17.350 min Scan# 3190
 Delta R.T. 0.000 min
 Lab File: BN026683.D
 Acq: 23 Jul 2023 18:57

Instrument :
 BNA_N
 ClientSampleId :

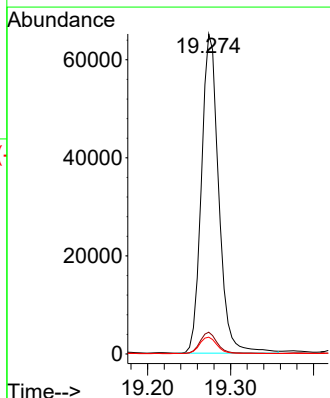
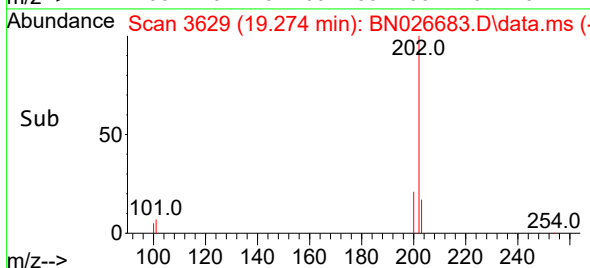
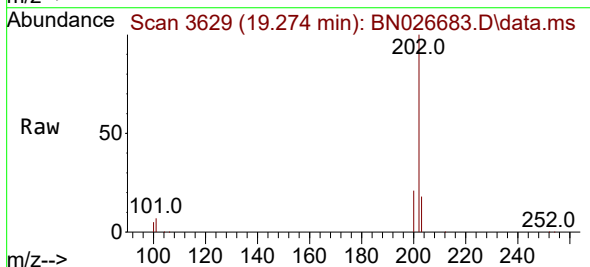


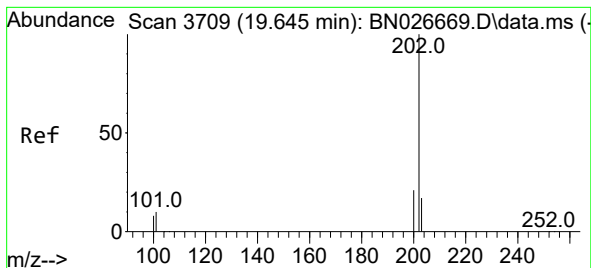
Tgt Ion:178 Resp: 11006
 Ion Ratio Lower Upper
 178 100
 179 18.3 14.8 22.2
 176 19.9 16.6 25.0



#19
 Fluoranthene
 Concen: 1.626 ng/ul
 RT: 19.274 min Scan# 3629
 Delta R.T. -0.005 min
 Lab File: BN026683.D
 Acq: 23 Jul 2023 18:57

Tgt Ion:202 Resp: 94669
 Ion Ratio Lower Upper
 202 100
 101 6.8 7.0 10.4#
 100 5.3 6.0 9.0#





#20

Pyrene

Concen: 0.550 ng/ul

RT: 19.641 min Scan# 31

Delta R.T. -0.005 min

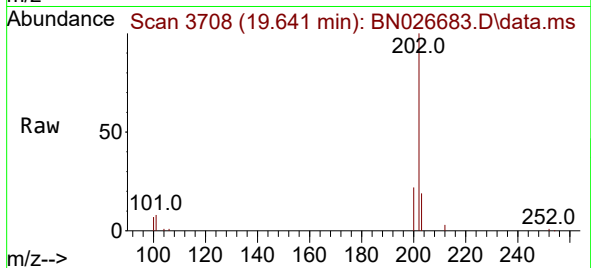
Lab File: BN026683.D

Acq: 23 Jul 2023 18:57

Instrument :

BNA_N

ClientSampleId :



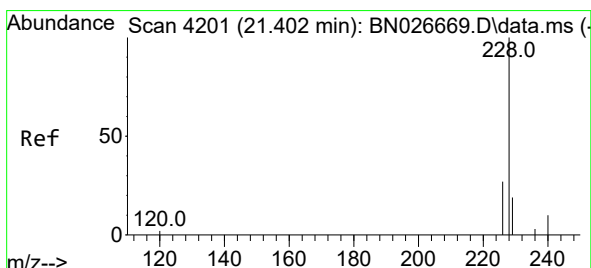
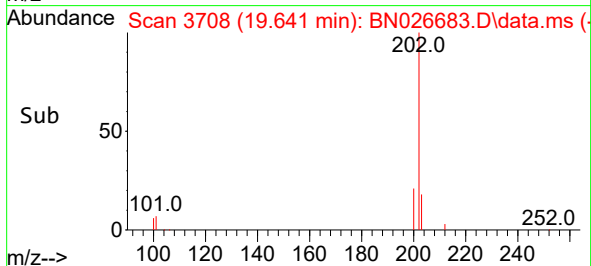
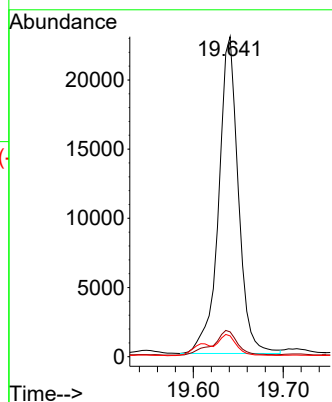
Tgt Ion:202 Resp: 34784

Ion Ratio Lower Upper

202 100

101 7.7 8.0 12.0#

100 6.5 6.2 9.2



#21

Benzo(a)anthracene

Concen: 0.755 ng/ul

RT: 21.396 min Scan# 4199

Delta R.T. -0.006 min

Lab File: BN026683.D

Acq: 23 Jul 2023 18:57

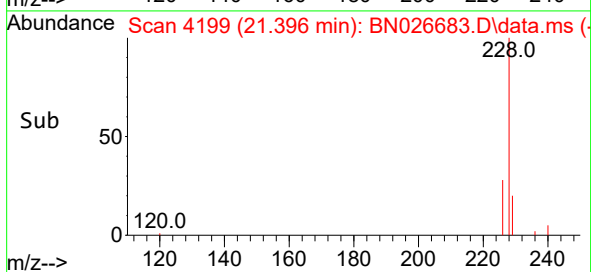
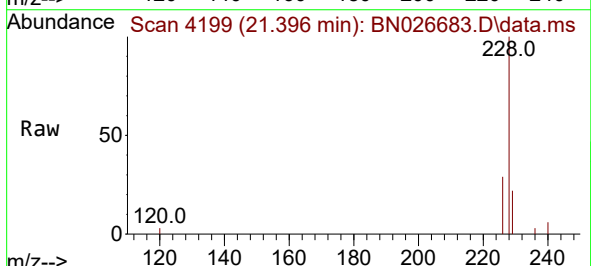
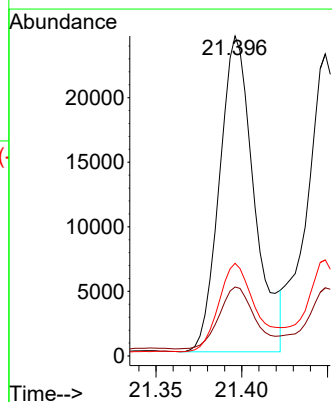
Tgt Ion:228 Resp: 34453

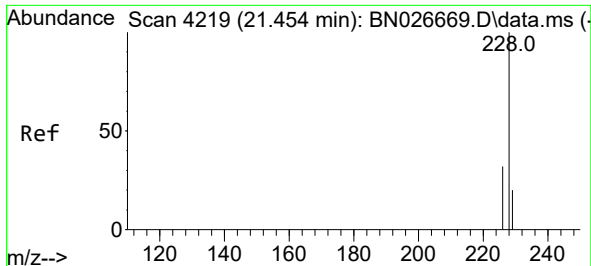
Ion Ratio Lower Upper

228 100

229 21.5 16.7 25.1

226 28.9 23.5 35.3





#22

Chrysene

Concen: 0.658 ng/ul

RT: 21.449 min Scan# 41

Delta R.T. -0.006 min

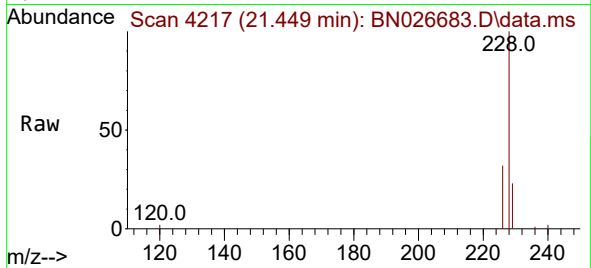
Lab File: BN026683.D

Acq: 23 Jul 2023 18:57

Instrument :

BNA_N

ClientSampleId :



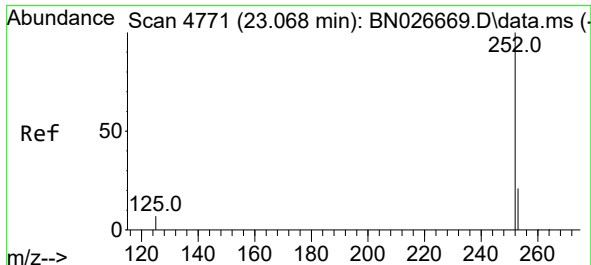
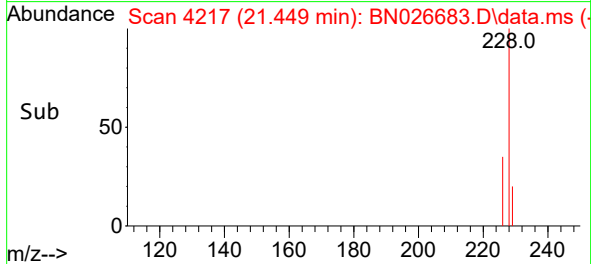
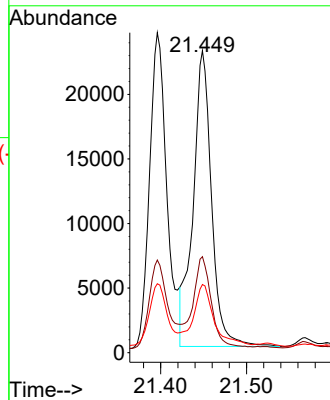
Tgt Ion:228 Resp: 34215

Ion Ratio Lower Upper

228 100

226 31.8 25.2 37.8

229 22.6 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 1.048 ng/ul

RT: 23.065 min Scan# 4770

Delta R.T. -0.003 min

Lab File: BN026683.D

Acq: 23 Jul 2023 18:57

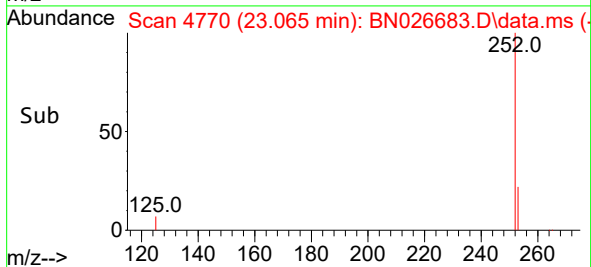
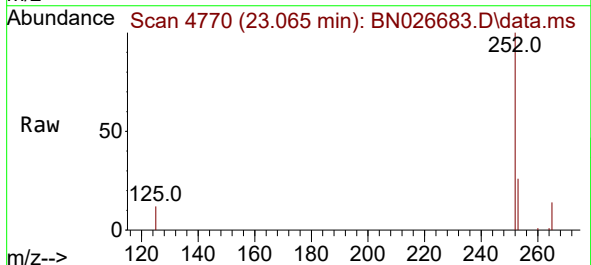
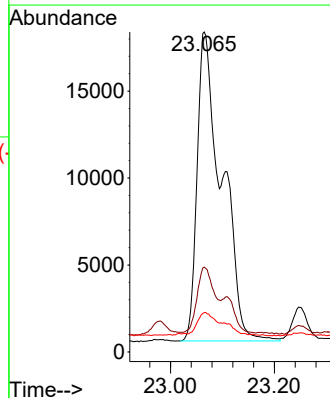
Tgt Ion:252 Resp: 58546

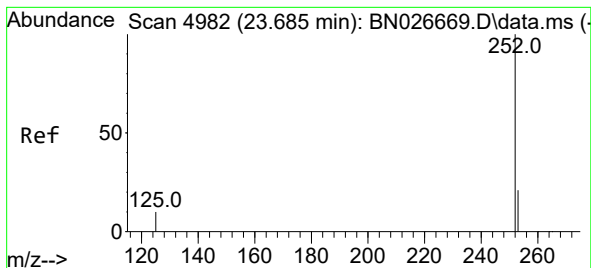
Ion Ratio Lower Upper

252 100

253 26.5 0.0 68.6

125 12.3 0.0 34.0





#26

Benzo(a)pyrene

Concen: 0.091 ng/ul

RT: 23.679 min Scan# 4982

Delta R.T. -0.006 min

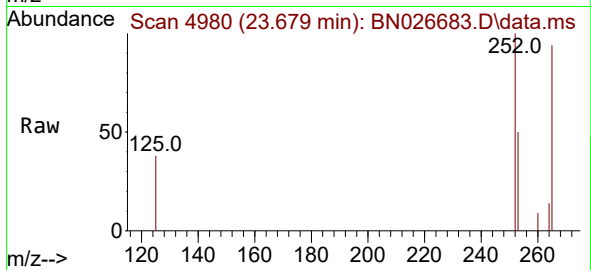
Lab File: BN026683.D

Acq: 23 Jul 2023 18:57

Instrument :

BN026683.D

ClientSampleId :



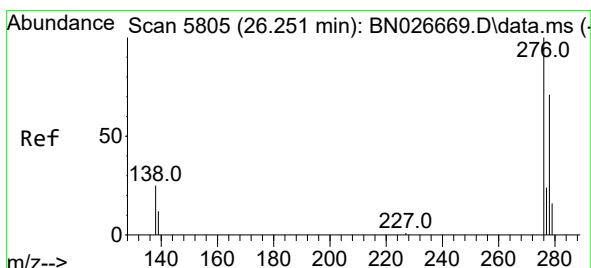
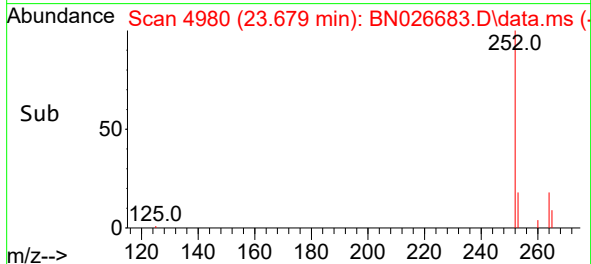
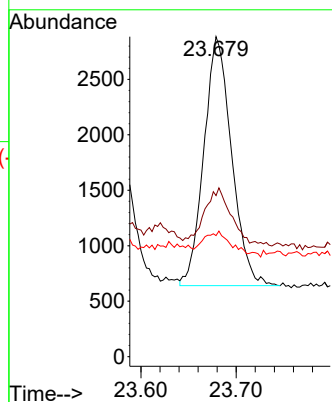
Tgt Ion:252 Resp: 4531

Ion Ratio Lower Upper

252 100

253 50.4 32.6 49.0#

125 37.9 19.3 28.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.114 ng/ul

RT: 26.241 min Scan# 5802

Delta R.T. -0.010 min

Lab File: BN026683.D

Acq: 23 Jul 2023 18:57

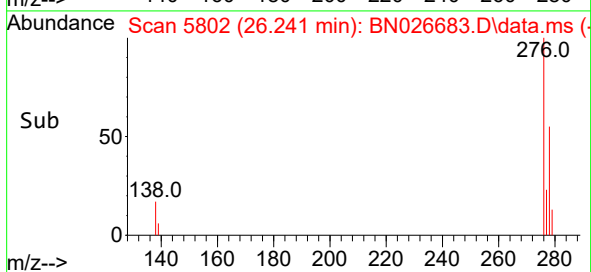
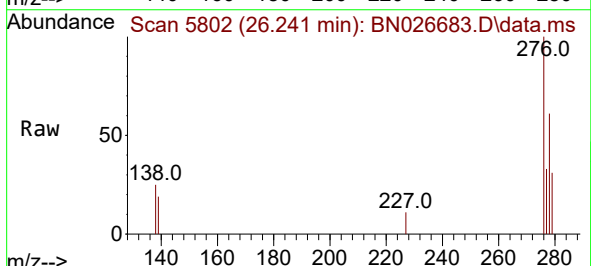
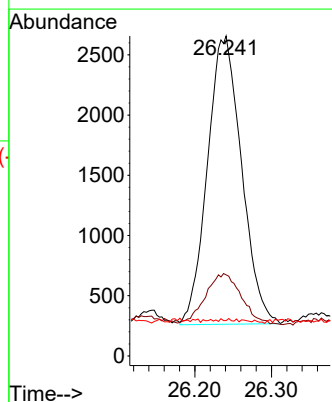
Tgt Ion:276 Resp: 7404

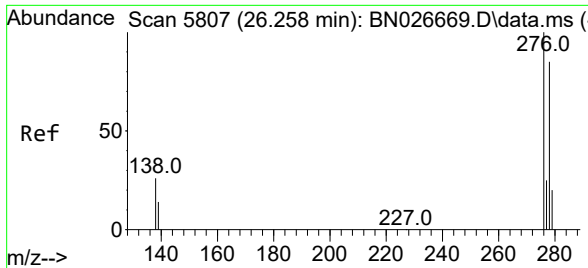
Ion Ratio Lower Upper

276 100

138 18.8 22.2 33.4#

227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.102 ng/ul

RT: 26.241 min Scan# 51

Delta R.T. -0.017 min

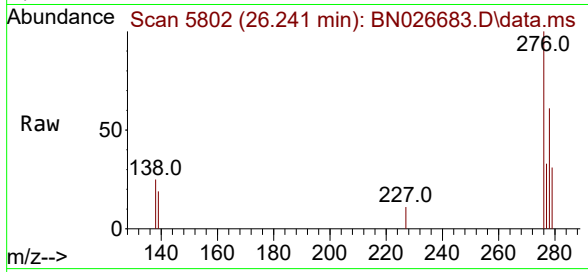
Lab File: BN026683.D

Acq: 23 Jul 2023 18:57

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:278 Resp: 5114

Ion Ratio Lower Upper

278 100

139 32.0 18.9 28.3#

279 51.2 31.3 46.9#

