

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026266.D
 Acq On : 04 Jul 2023 17:26
 Operator : MA/JU
 Sample : 03247-11DL 5X
 Misc :
 ALS Vial : 124 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 05 00:07:37 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 Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

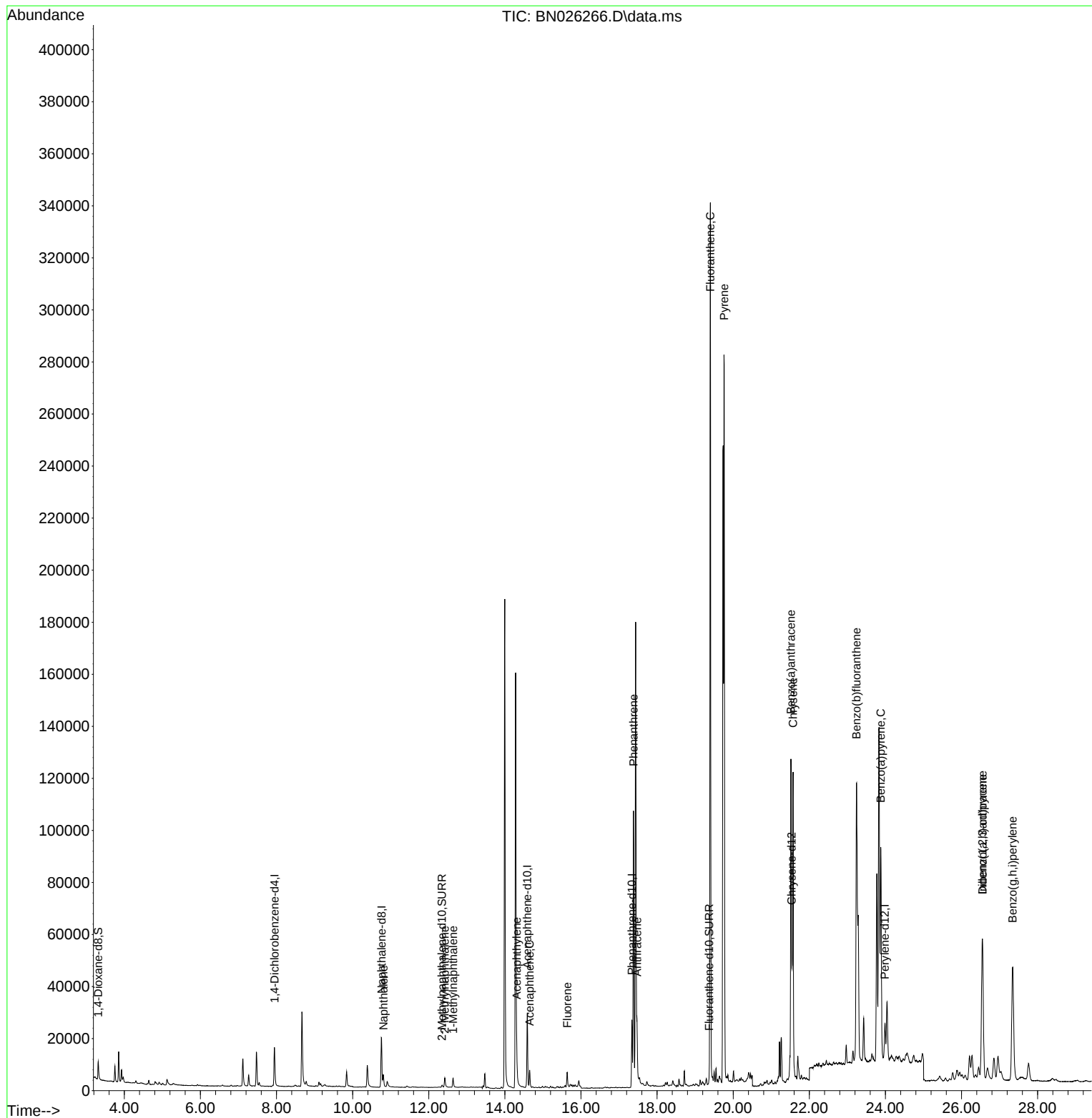
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	9477	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	29890	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	16664	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	31840	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	18387	0.400	ng/ul	0.00
23) Perylene-d12	23.987	264	19528	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5118	0.480	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	1433	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	2644	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	6980	0.081	ng/ul	96
7) 2-Methylnaphthalene	12.420	142	3274	0.060	ng/ul	98
8) 1-Methylnaphthalene	12.640	142	2783	0.049	ng/ul	98
10) Acenaphthylene	14.311	152	12426	0.159	ng/ul	98
11) Acenaphthene	14.653	153	4103	0.064	ng/ul	97
12) Fluorene	15.639	166	4024	0.055	ng/ul#	98
15) Phenanthrene	17.381	178	120195	1.143	ng/ul	99
16) Anthracene	17.473	178	24650	0.264	ng/ul	98
19) Fluoranthene	19.400	202	305016	3.106	ng/ul	95
20) Pyrene	19.763	202	245612	2.404	ng/ul	95
21) Benzo(a)anthracene	21.517	228	110822	1.461	ng/ul	98
22) Chrysene	21.573	228	126859	1.607	ng/ul	98
24) Benzo(b)fluoranthene	23.239	252	267386	3.208	ng/ul	91
26) Benzo(a)pyrene	23.876	252	121589	1.680	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.551	276	99971	1.264	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.551	278	23918	0.400	ng/ul	94
29) Benzo(g,h,i)perylene	27.342	276	104005	1.479	ng/ul	95

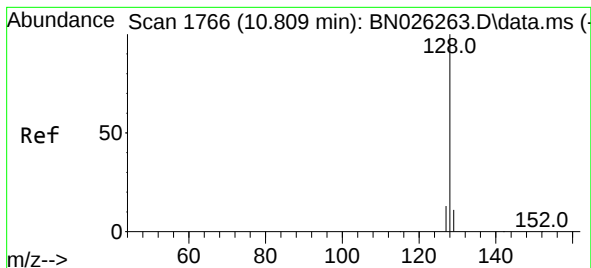
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.081 ng/ul

RT: 10.809 min Scan# 1766

Delta R.T. -0.000 min

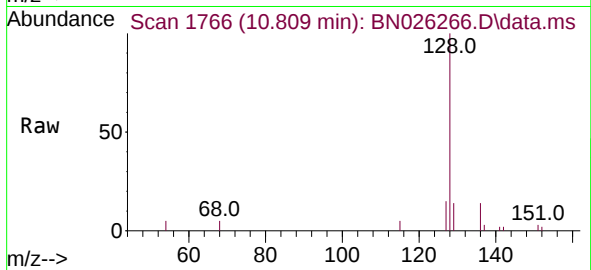
Lab File: BN026266.D

Acq: 04 Jul 2023 17:26

Instrument :

BNA_N

ClientSampleId :



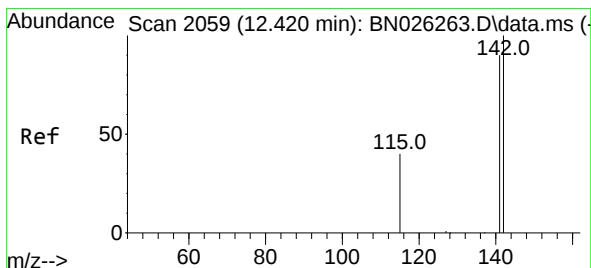
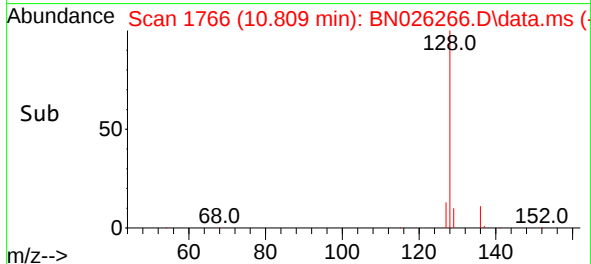
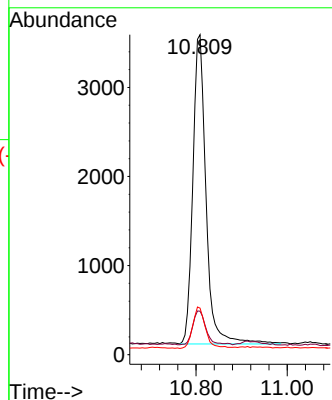
Tgt Ion:128 Resp: 6980

Ion Ratio Lower Upper

128 100

129 13.6 9.1 13.7

127 14.5 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.060 ng/ul

RT: 12.420 min Scan# 2059

Delta R.T. -0.000 min

Lab File: BN026266.D

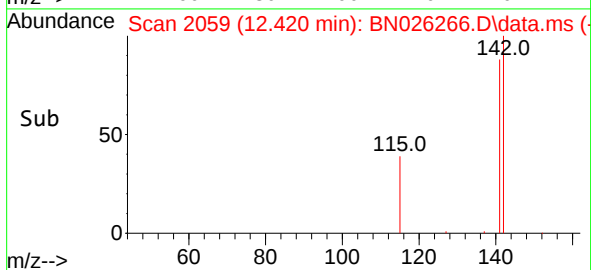
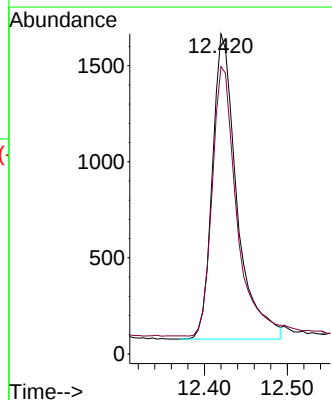
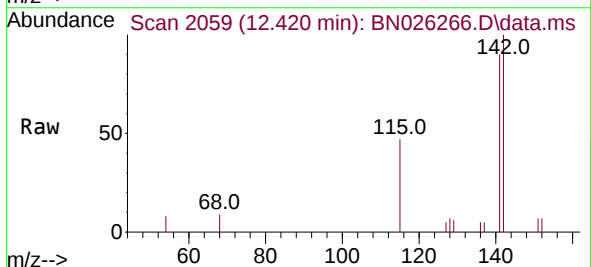
Acq: 04 Jul 2023 17:26

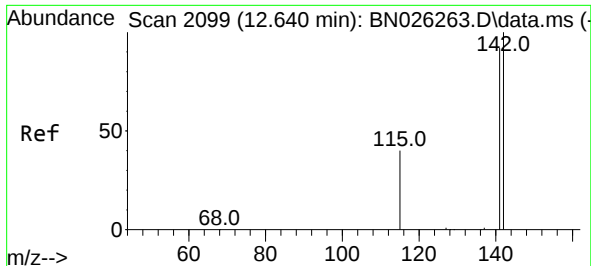
Tgt Ion:142 Resp: 3274

Ion Ratio Lower Upper

142 100

141 88.3 71.9 107.9

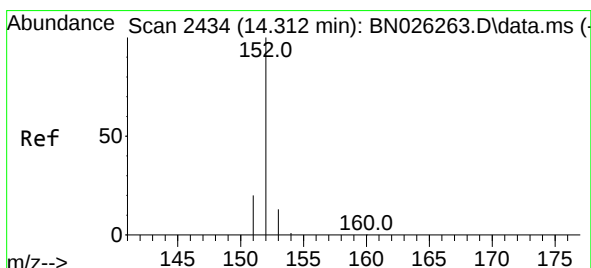
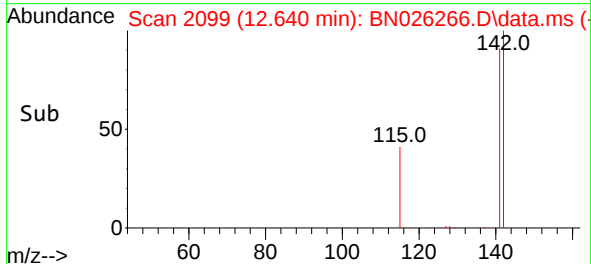
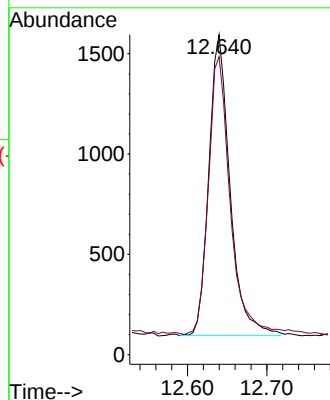
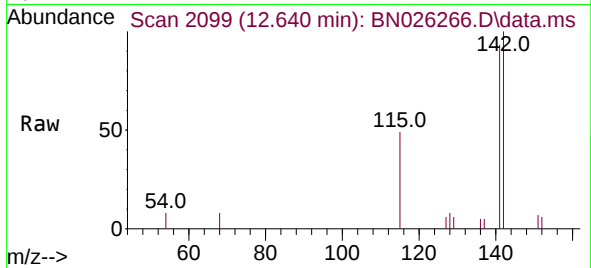




#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

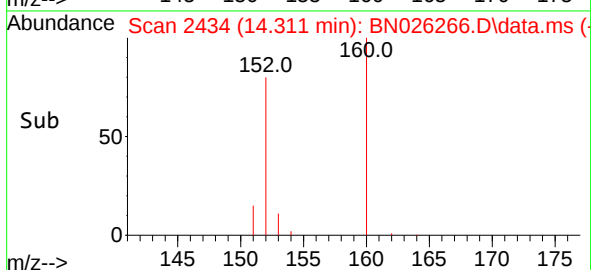
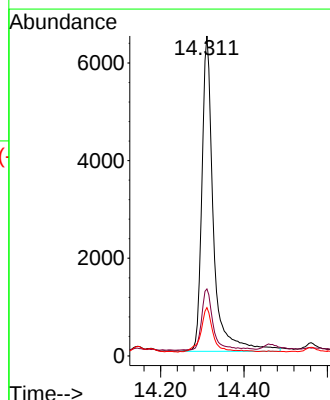
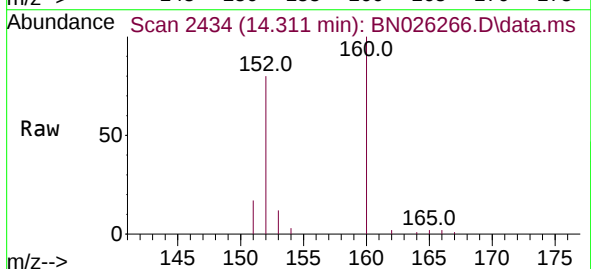
Instrument :
BNA_N
ClientSampleId :

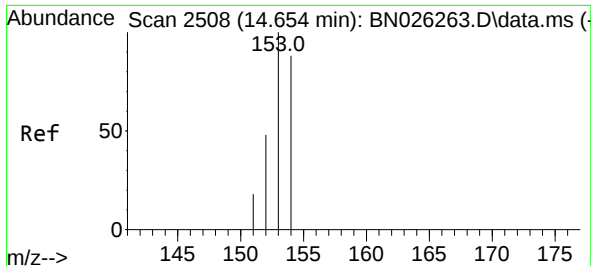
Tgt Ion:142 Resp: 2783
Ion Ratio Lower Upper
142 100
141 94.5 74.2 111.4



#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

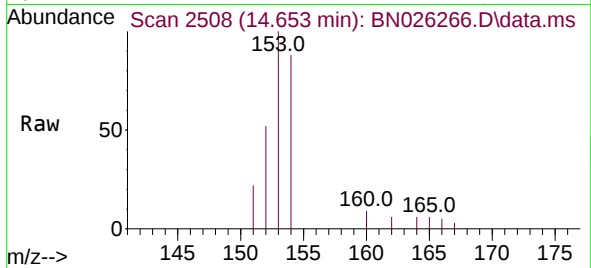
Tgt Ion:152 Resp: 12426
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 15.1 10.9 16.3



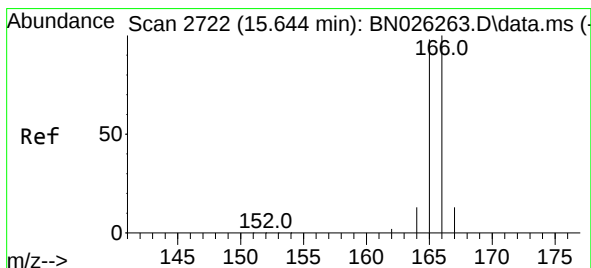
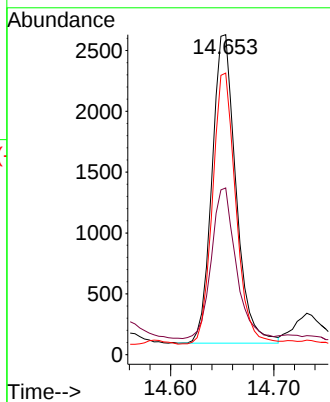
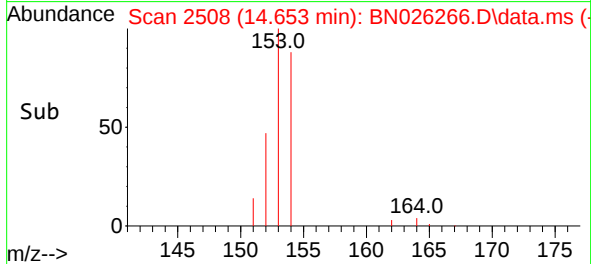


#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.653 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

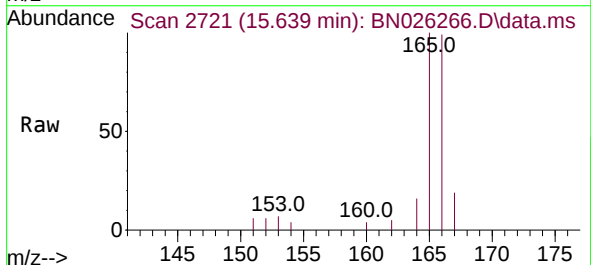
Instrument :
BNA_N
ClientSampleId :



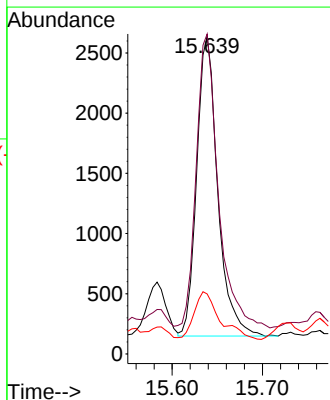
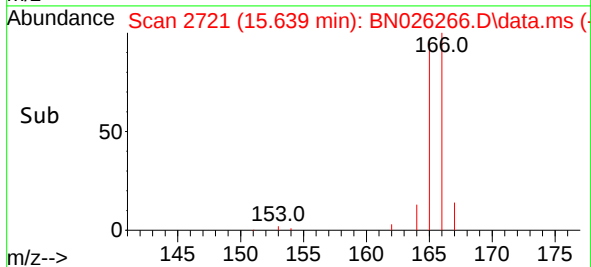
Tgt Ion:153 Resp: 4103
Ion Ratio Lower Upper
153 100
152 52.1 39.4 59.0
154 88.0 68.9 103.3

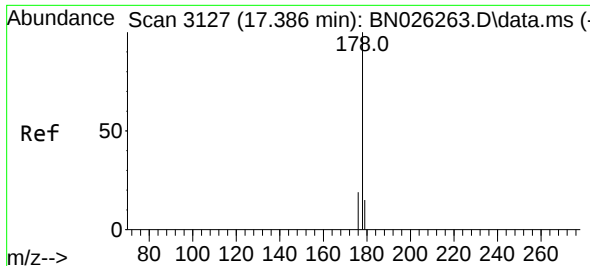


#12
Fluorene
Concen: 0.055 ng/ul
RT: 15.639 min Scan# 2721
Delta R.T. -0.006 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26



Tgt Ion:166 Resp: 4024
Ion Ratio Lower Upper
166 100
165 100.8 79.9 119.9
167 18.9 10.8 16.2#

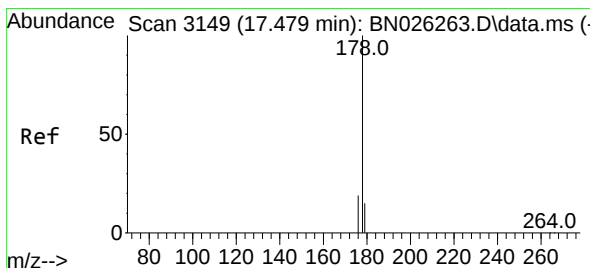
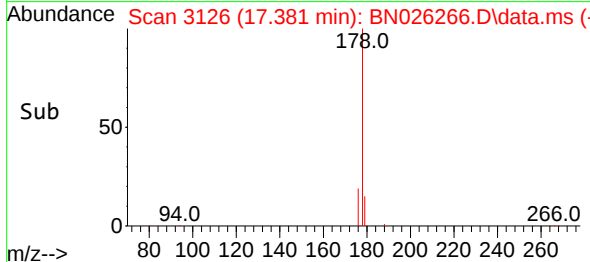
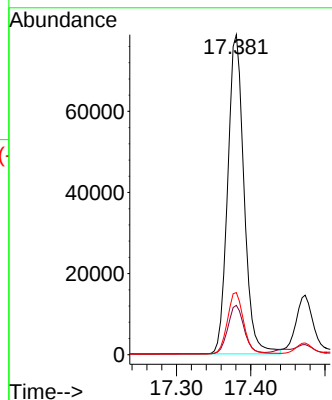
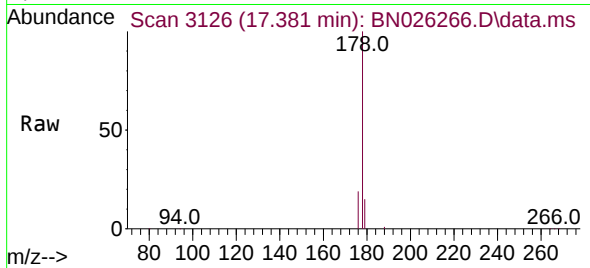




#15
Phenanthrene
Concen: 1.143 ng/ul
RT: 17.381 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

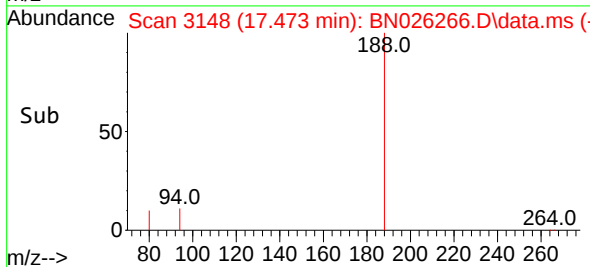
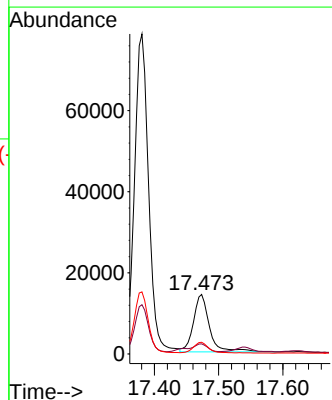
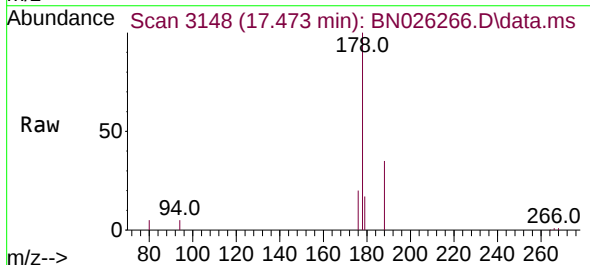
Instrument :
BNA_N
ClientSampleId :

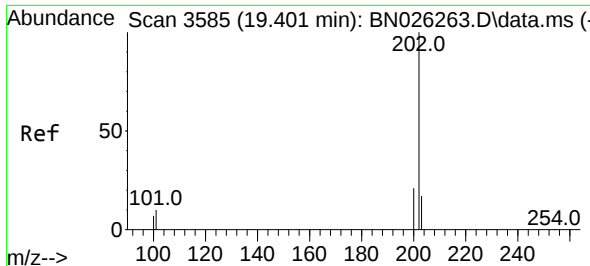
Tgt Ion:178 Resp: 120195
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6



#16
Anthracene
Concen: 0.264 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.005 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

Tgt Ion:178 Resp: 24650
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 19.6 15.1 22.7

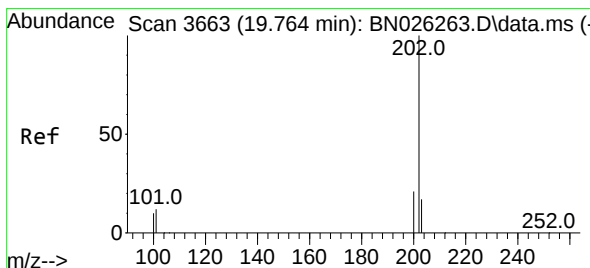
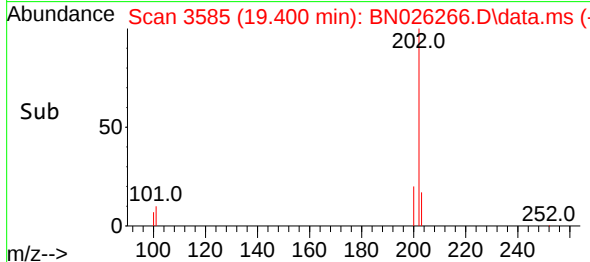
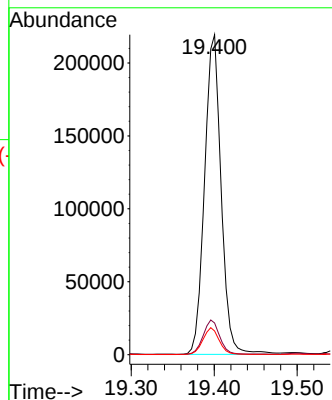
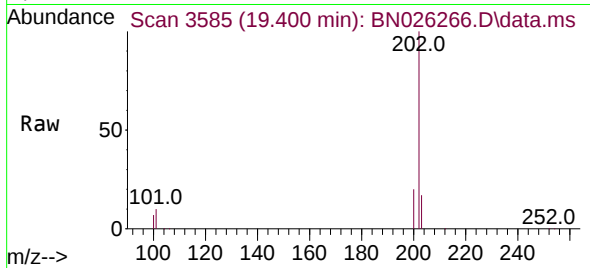




#19
Fluoranthene
Concen: 3.106 ng/ul
RT: 19.400 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

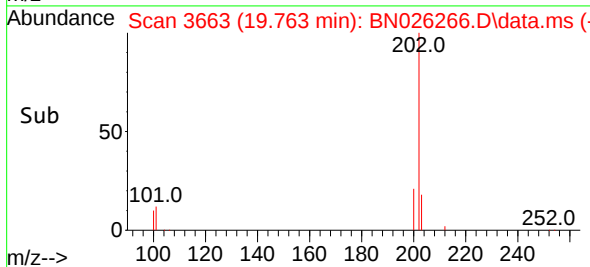
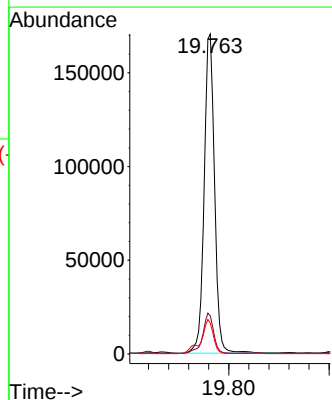
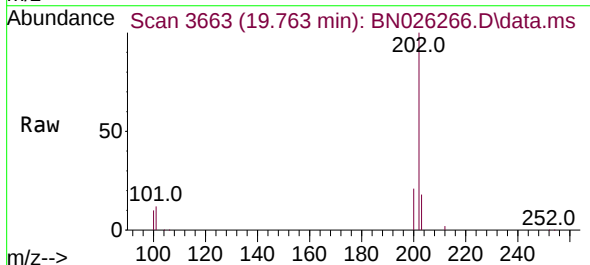
Instrument :
BNA_N
ClientSampleId :

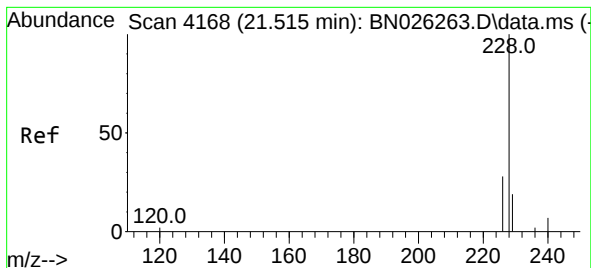
Tgt Ion:202 Resp: 305016
Ion Ratio Lower Upper
202 100
101 9.9 9.5 14.3
100 7.4 7.3 10.9



#20
Pyrene
Concen: 2.404 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN026266.D
Acq: 04 Jul 2023 17:26

Tgt Ion:202 Resp: 245612
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 9.6 9.1 13.7





#21

Benzo(a)anthracene

Concen: 1.461 ng/ul

RT: 21.517 min Scan# 4169

Delta R.T. 0.002 min

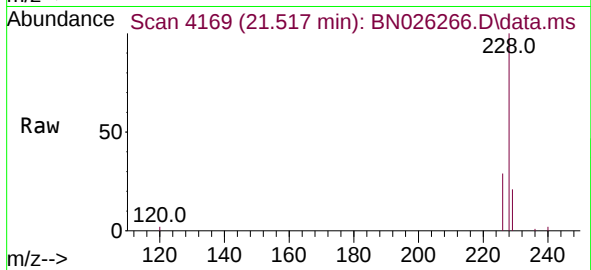
Lab File: BN026266.D

Acq: 04 Jul 2023 17:26

Instrument :

BNA_N

ClientSampleId :



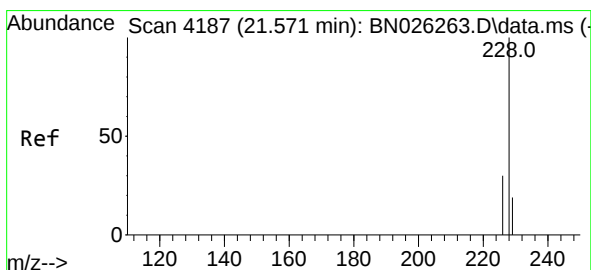
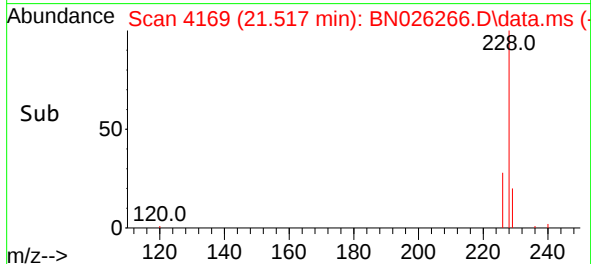
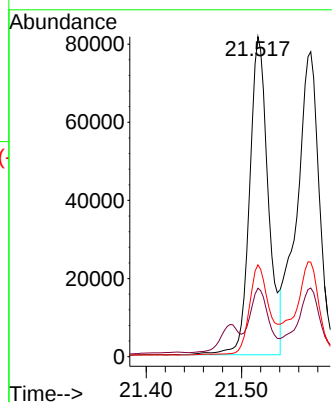
Tgt Ion:228 Resp: 110822

Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.6

226 28.7 22.5 33.7



#22

Chrysene

Concen: 1.607 ng/ul

RT: 21.573 min Scan# 4188

Delta R.T. 0.002 min

Lab File: BN026266.D

Acq: 04 Jul 2023 17:26

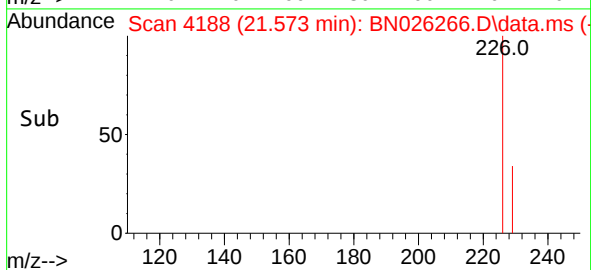
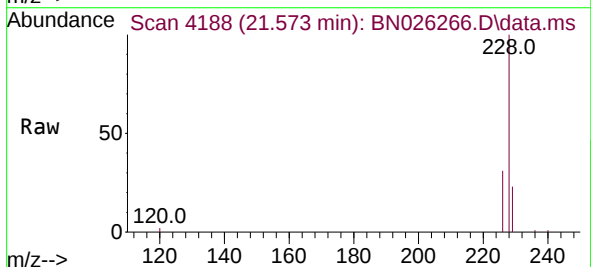
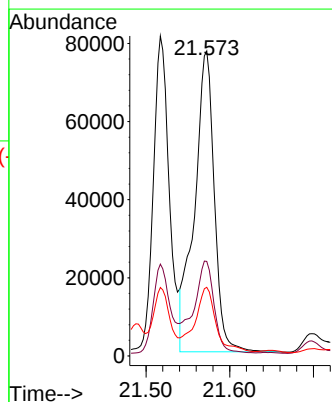
Tgt Ion:228 Resp: 126859

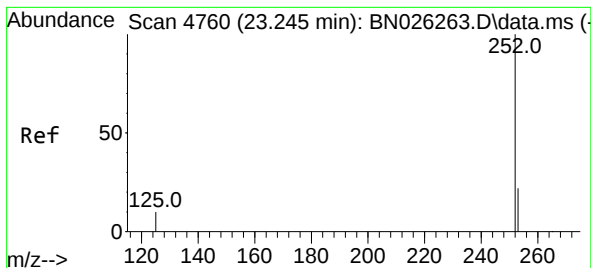
Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

229 22.5 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 3.208 ng/ul

RT: 23.239 min Scan# 41

Delta R.T. -0.007 min

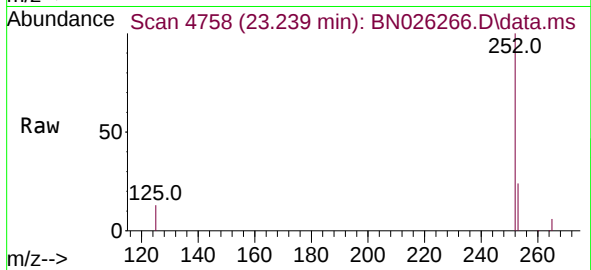
Lab File: BN026266.D

Acq: 04 Jul 2023 17:26

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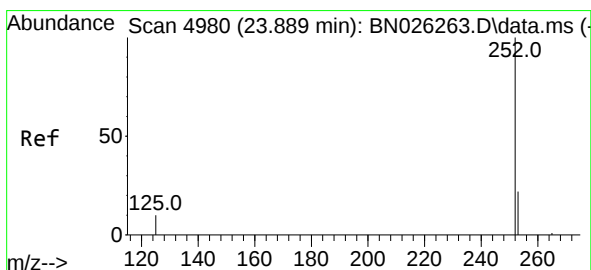
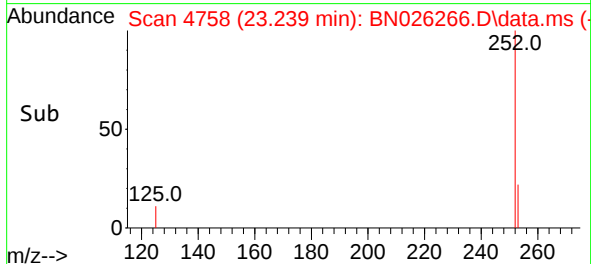
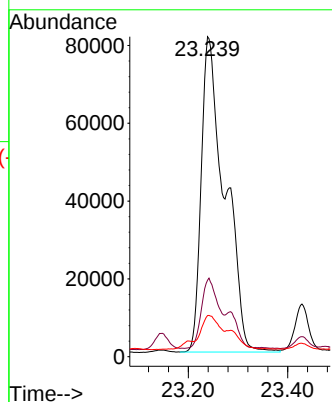
Tgt Ion:252 Resp: 267386

Ion Ratio Lower Upper

252 100

253 23.9 0.0 55.6

125 12.8 0.0 35.8



#26

Benzo(a)pyrene

Concen: 1.680 ng/ul

RT: 23.876 min Scan# 4976

Delta R.T. -0.013 min

Lab File: BN026266.D

Acq: 04 Jul 2023 17:26

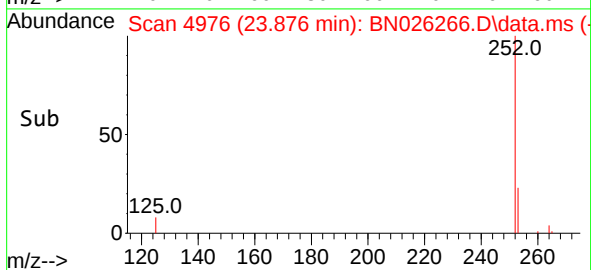
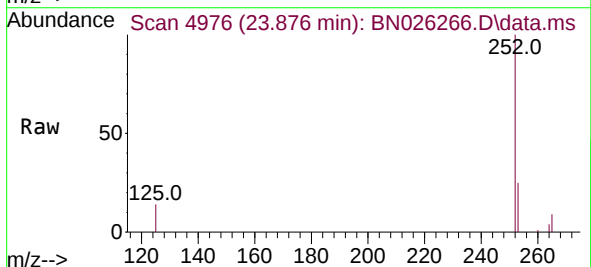
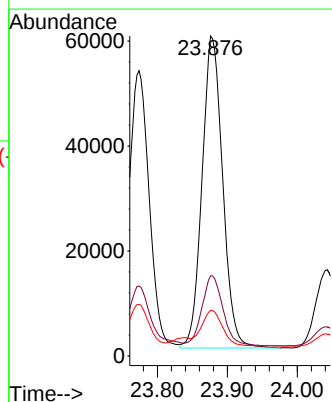
Tgt Ion:252 Resp: 121589

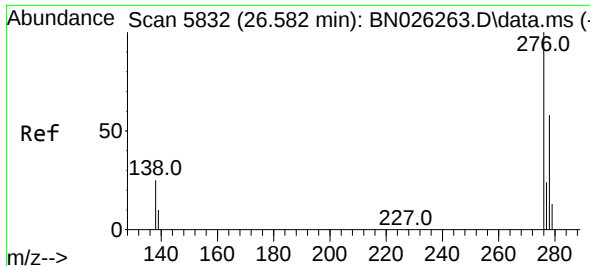
Ion Ratio Lower Upper

252 100

253 25.0 26.0 39.0#

125 14.2 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.264 ng/ul

RT: 26.551 min Scan# 5823

Delta R.T. -0.031 min

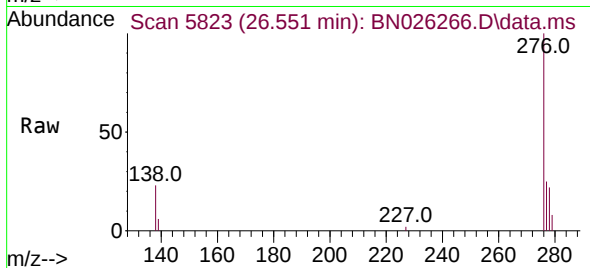
Lab File: BN026266.D

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BNA_N

ClientSampleId :



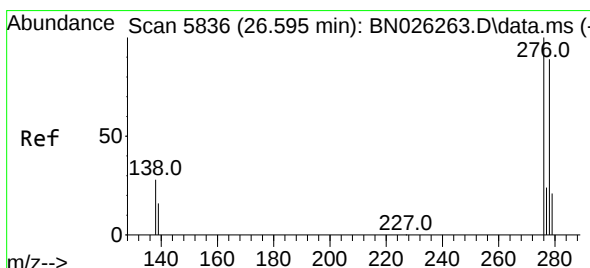
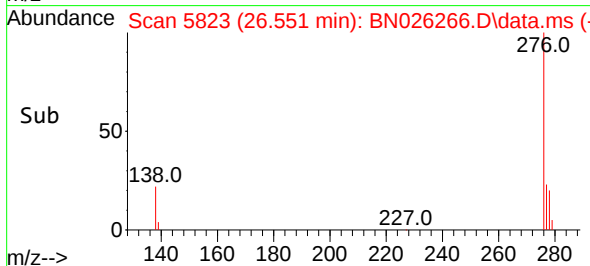
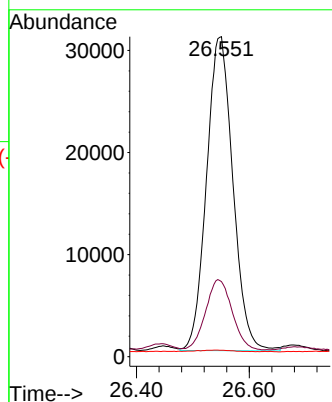
Tgt Ion:276 Resp: 99971

Ion Ratio Lower Upper

276 100

138 22.4 24.5 36.7#

227 0.5 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.400 ng/ul

RT: 26.551 min Scan# 5823

Delta R.T. -0.045 min

Lab File: BN026266.D

Acq: 04 Jul 2023 17:26

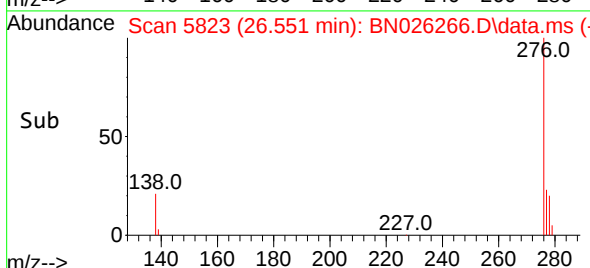
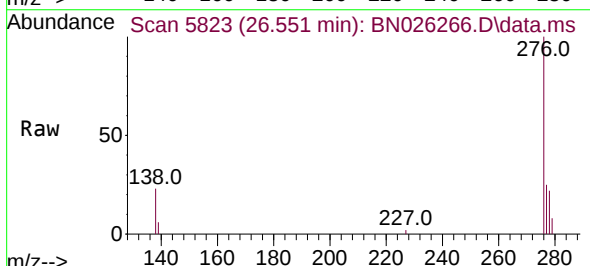
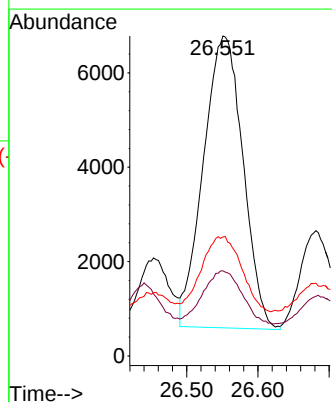
Tgt Ion:278 Resp: 23918

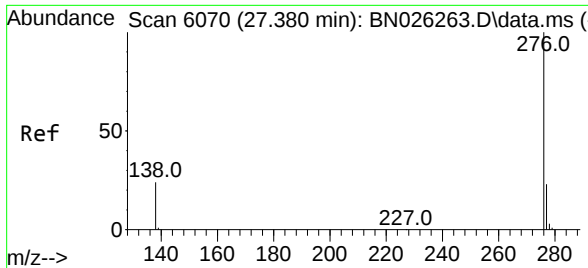
Ion Ratio Lower Upper

278 100

139 26.6 19.0 28.4

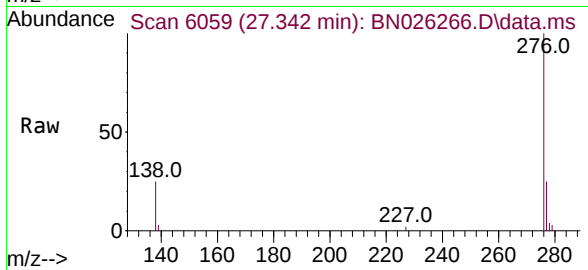
279 37.2 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.479 ng/ul
 RT: 27.342 min Scan# 6059
 Delta R.T. -0.038 min
 Lab File: BN026266.D
 Acq: 04 Jul 2023 17:26

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	104005
Ion	Ratio	Lower	Upper
276	100		
138	24.8	23.4	35.0
277	24.5	20.0	30.0

