

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026270.D
 Acq On : 04 Jul 2023 19:53
 Operator : MA/JU
 Sample : 03247-15DL 5X
 Misc :
 ALS Vial : 128 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 05 00:08:35 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

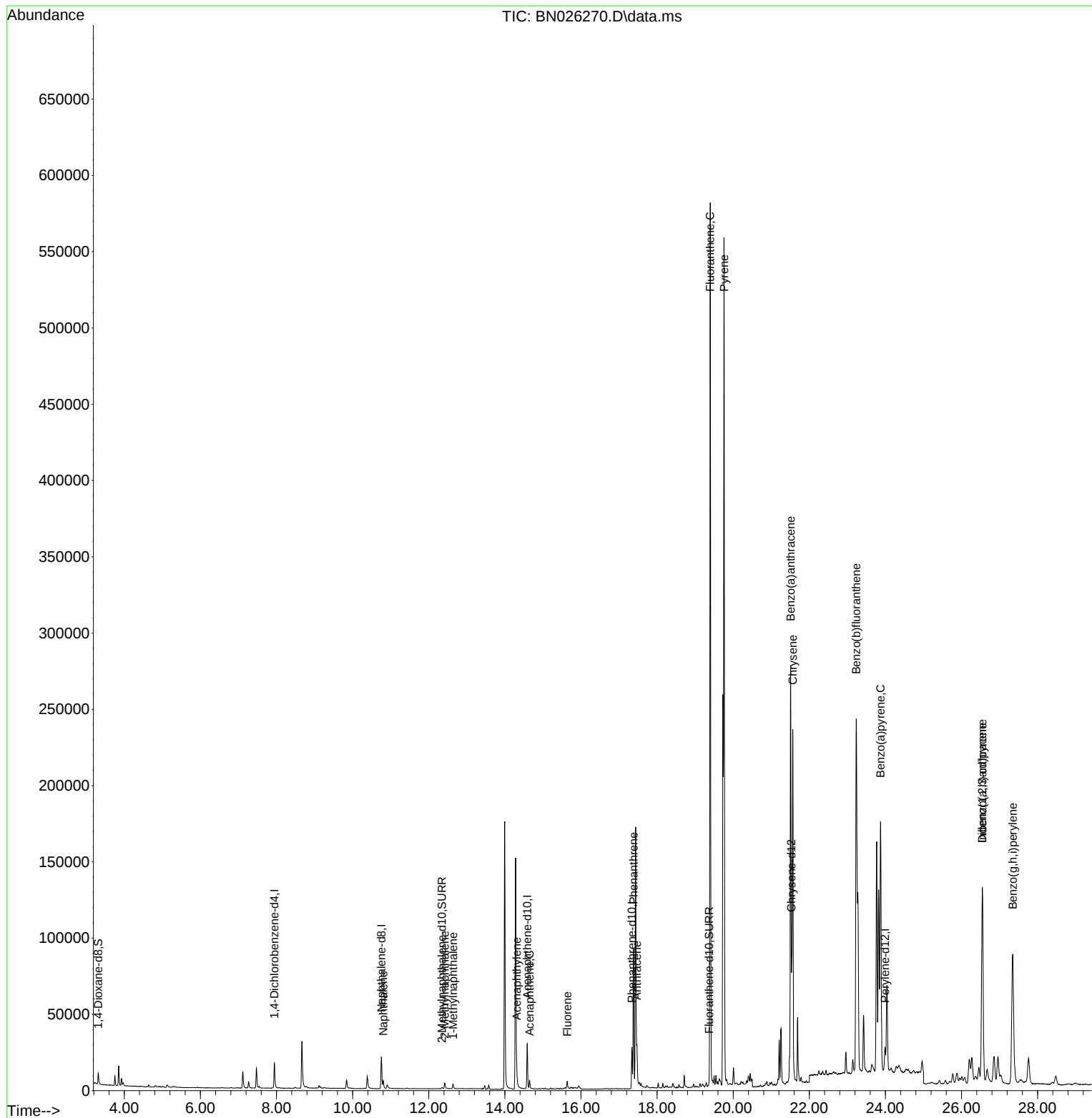
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	10158	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	31973	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	17626	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	32965	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	20099	0.400	ng/ul	# 0.00
23) Perylene-d12	23.990	264	21886	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5143	0.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	1437	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	2433	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	7338	0.080	ng/ul	96
7) 2-Methylnaphthalene	12.420	142	3488	0.060	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	2541	0.042	ng/ul	98
10) Acenaphthylene	14.311	152	12356	0.150	ng/ul	97
11) Acenaphthene	14.649	153	3358	0.050	ng/ul	95
12) Fluorene	15.639	166	3445	0.045	ng/ul#	97
15) Phenanthrene	17.381	178	103145	0.947	ng/ul	99
16) Anthracene	17.469	178	23860	0.247	ng/ul	97
19) Fluoranthene	19.396	202	504313	4.698	ng/ul	97
20) Pyrene	19.758	202	472953	4.236	ng/ul	96
21) Benzo(a)anthracene	21.508	228	253242	3.054	ng/ul	98
22) Chrysene	21.564	228	256969	2.978	ng/ul	98
24) Benzo(b)fluoranthene	23.233	252	561935	6.016	ng/ul	89
26) Benzo(a)pyrene	23.873	252	261670	3.225	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.547	276	209416	2.363	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.547	278	46259	0.690	ng/ul	96
29) Benzo(g,h,i)perylene	27.346	276	198834	2.522	ng/ul	94

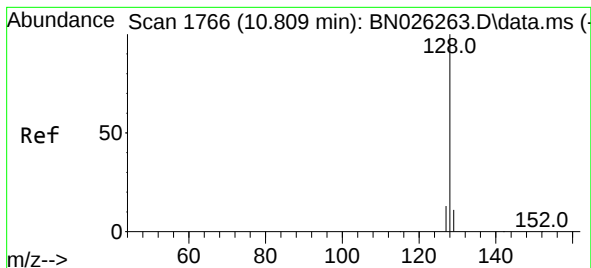
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.080 ng/ul

RT: 10.803 min Scan# 1766

Delta R.T. -0.005 min

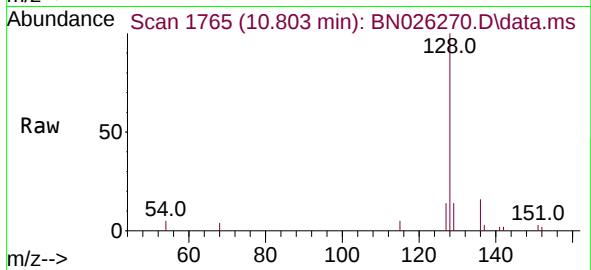
Lab File: BN026270.D

Acq: 04 Jul 2023 19:53

Instrument :

BNA_N

ClientSampleId :



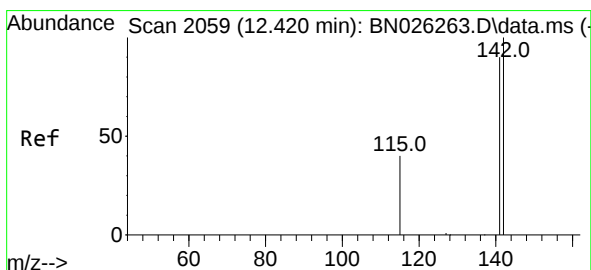
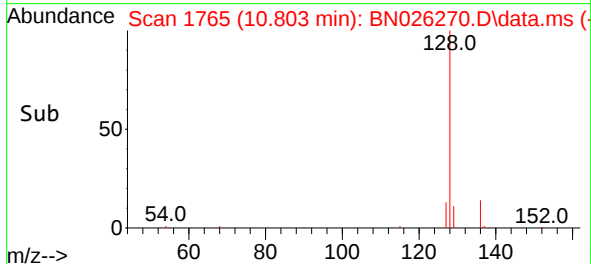
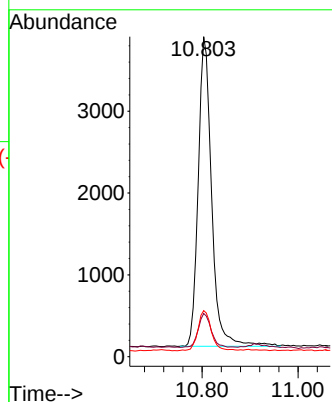
Tgt Ion:128 Resp: 7338

Ion Ratio Lower Upper

128 100

129 13.5 9.1 13.7

127 14.4 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: BN026270.D

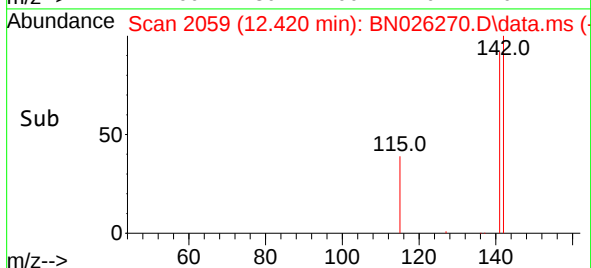
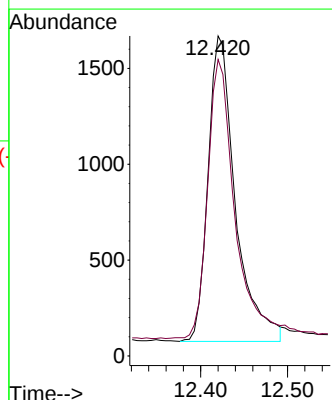
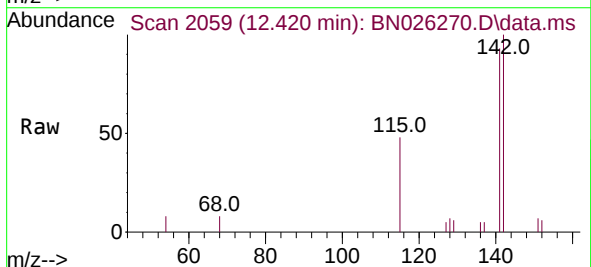
Acq: 04 Jul 2023 19:53

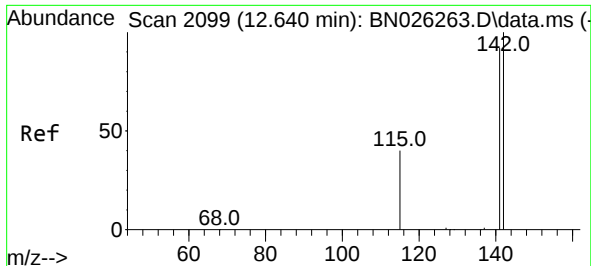
Tgt Ion:142 Resp: 3488

Ion Ratio Lower Upper

142 100

141 90.5 71.9 107.9

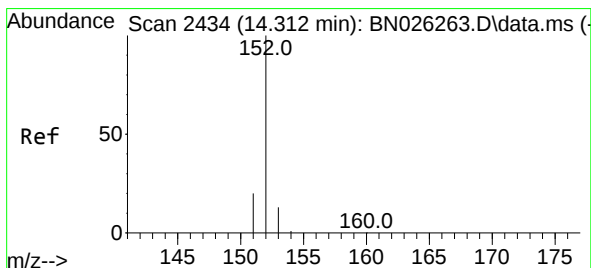
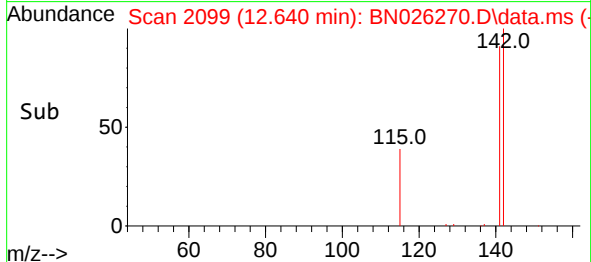
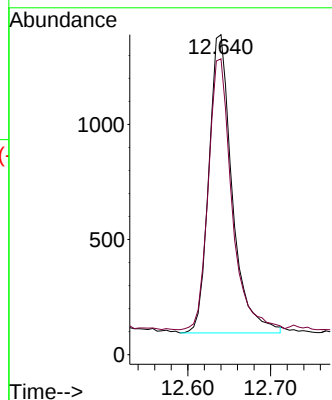
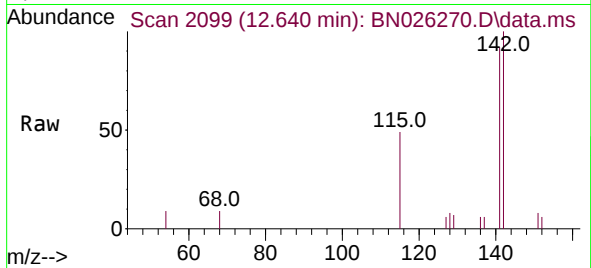




#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN026270.D
Acq: 04 Jul 2023 19:53

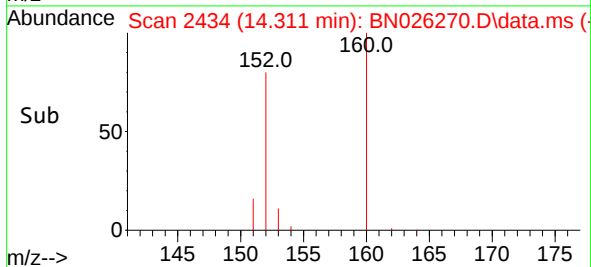
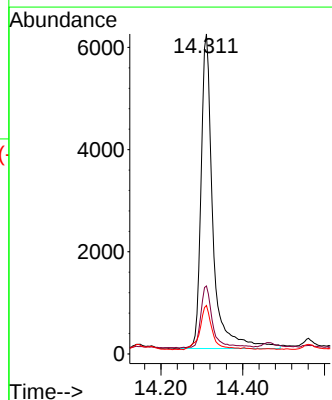
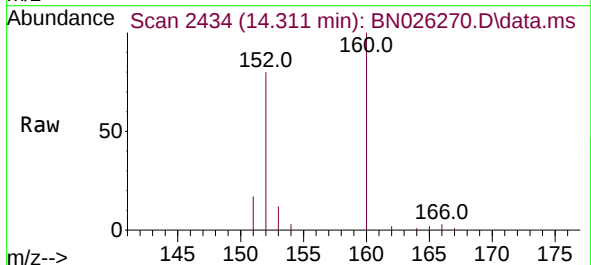
Instrument :
BNA_N
ClientSampleId :

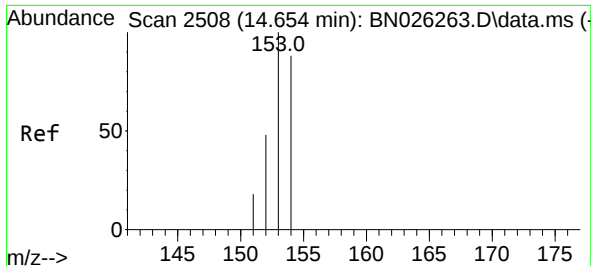
Tgt Ion:142 Resp: 2541
Ion Ratio Lower Upper
142 100
141 90.9 74.2 111.4



#10
Acenaphthylene
Concen: 0.150 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BN026270.D
Acq: 04 Jul 2023 19:53

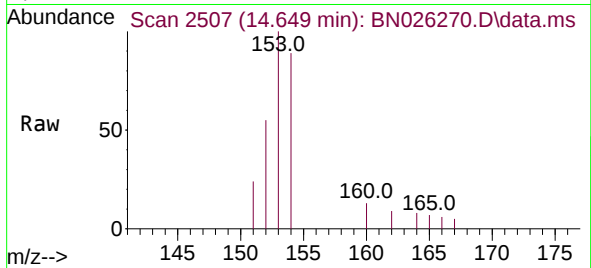
Tgt Ion:152 Resp: 12356
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 15.2 10.9 16.3



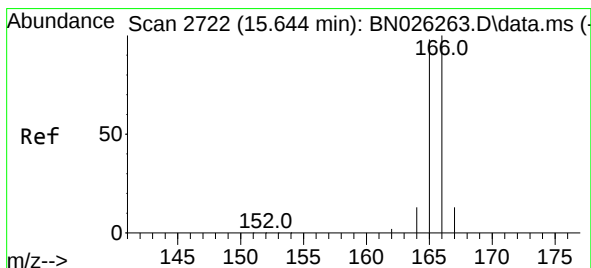
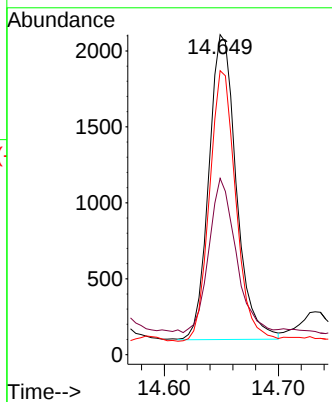
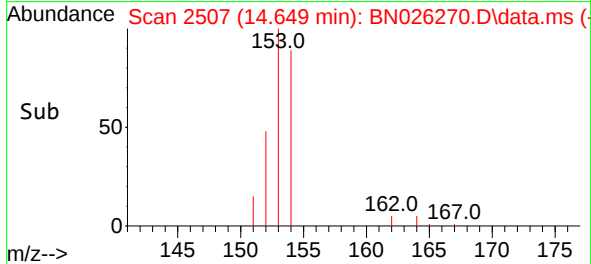


#11
Acenaphthene
Concen: 0.050 ng/ul
RT: 14.649 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026270.D
Acq: 04 Jul 2023 19:53

Instrument :
BNA_N
ClientSampleId :

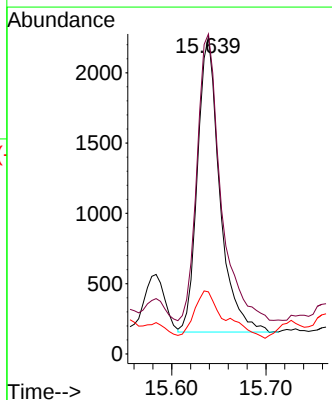
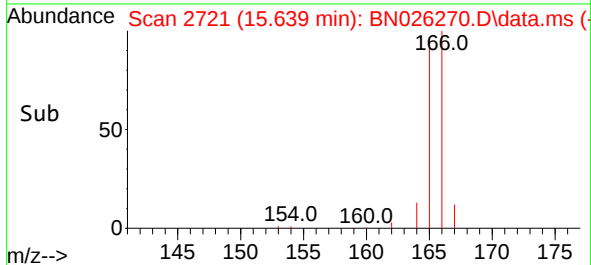
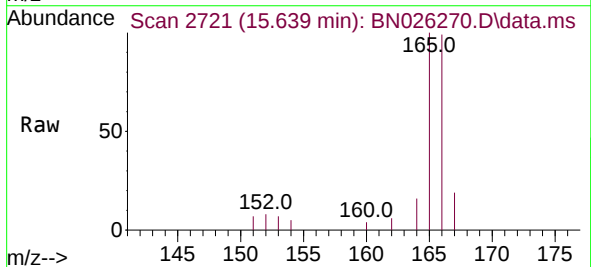


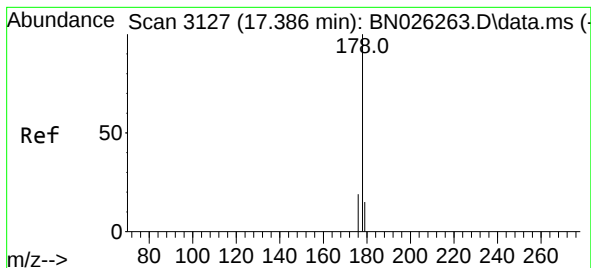
Tgt Ion:153 Resp: 3358
Ion Ratio Lower Upper
153 100
152 55.1 39.4 59.0
154 88.8 68.9 103.3



#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.639 min Scan# 2721
Delta R.T. -0.005 min
Lab File: BN026270.D
Acq: 04 Jul 2023 19:53

Tgt Ion:166 Resp: 3445
Ion Ratio Lower Upper
166 100
165 100.8 79.9 119.9
167 19.6 10.8 16.2#





#15

Phenanthrene

Concen: 0.947 ng/ul

RT: 17.381 min Scan# 3127

Delta R.T. -0.005 min

Lab File: BN026270.D

Acq: 04 Jul 2023 19:53

Instrument :

BNA_N

ClientSampleId :

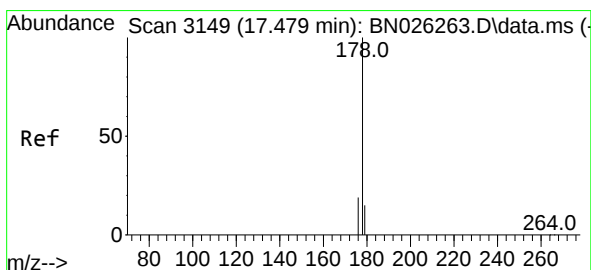
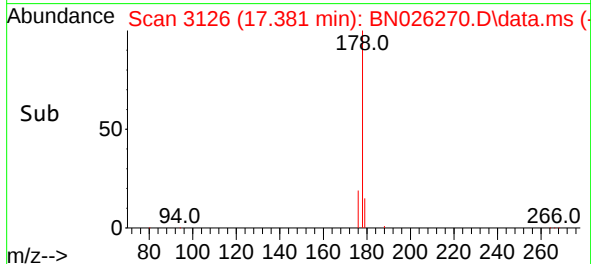
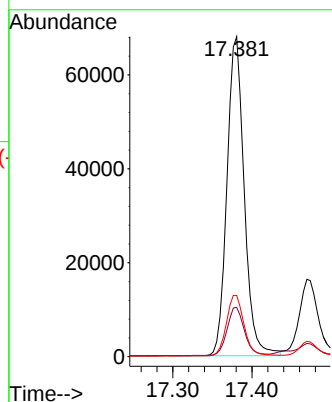
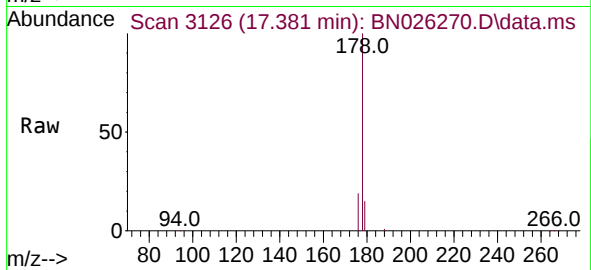
Tgt Ion:178 Resp: 103145

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

176 19.1 15.8 23.6



#16

Anthracene

Concen: 0.247 ng/ul

RT: 17.469 min Scan# 3147

Delta R.T. -0.009 min

Lab File: BN026270.D

Acq: 04 Jul 2023 19:53

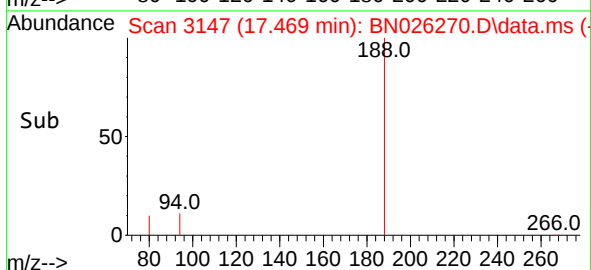
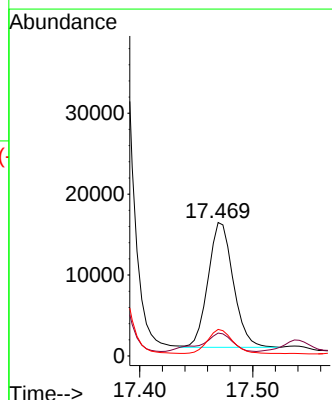
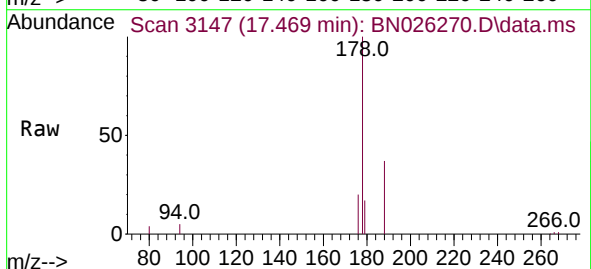
Tgt Ion:178 Resp: 23860

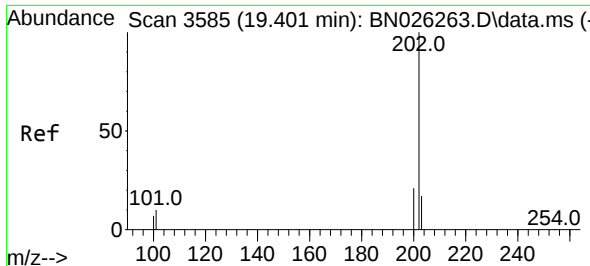
Ion Ratio Lower Upper

178 100

179 17.1 12.6 18.8

176 19.9 15.1 22.7

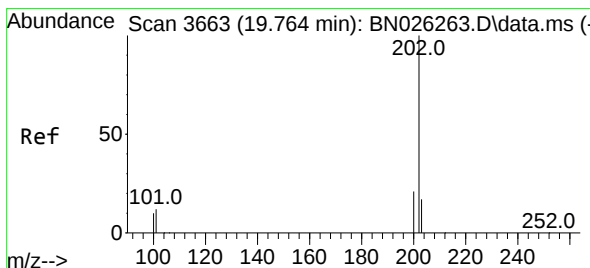
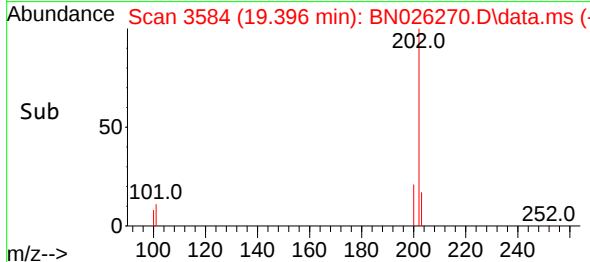
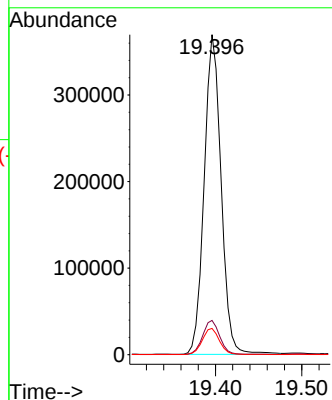
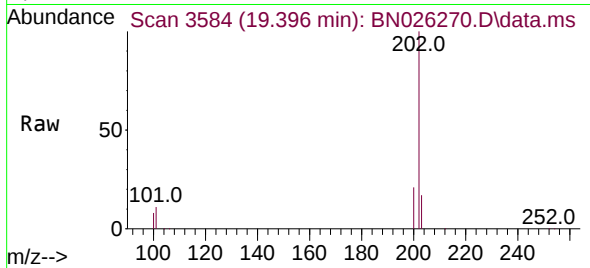




#19
Fluoranthene
Concen: 4.698 ng/ul
RT: 19.396 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN026270.D
Acq: 04 Jul 2023 19:53

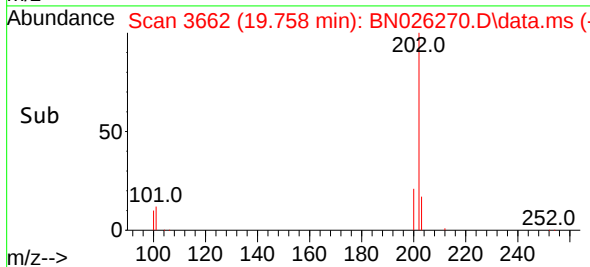
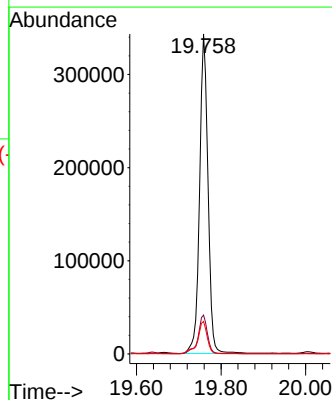
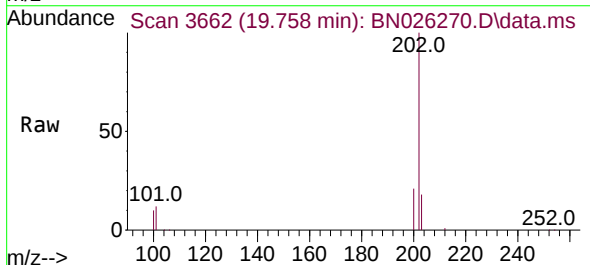
Instrument :
BNA_N
ClientSampleId :

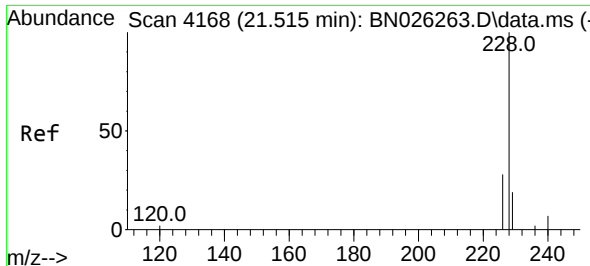
Tgt Ion:202 Resp: 504313
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 8.2 7.3 10.9



#20
Pyrene
Concen: 4.236 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026270.D
Acq: 04 Jul 2023 19:53

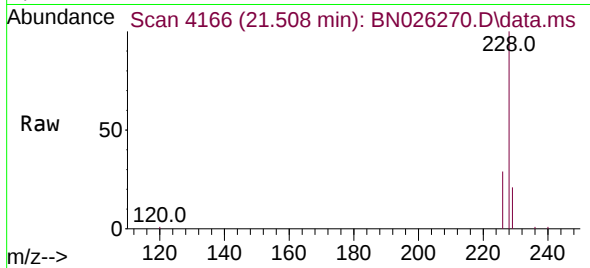
Tgt Ion:202 Resp: 472953
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.1 9.1 13.7



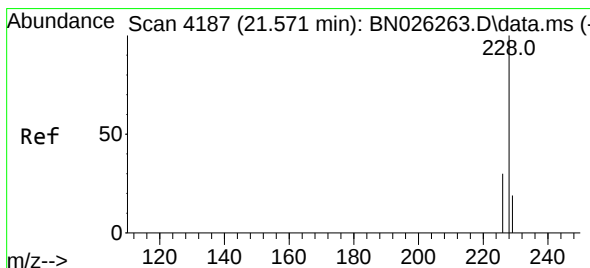
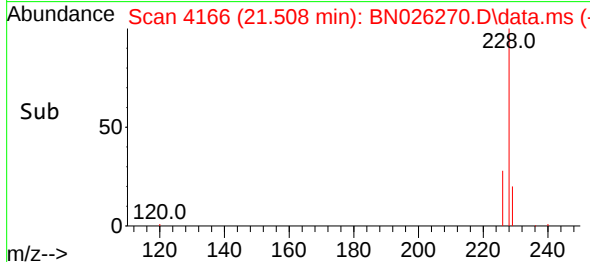
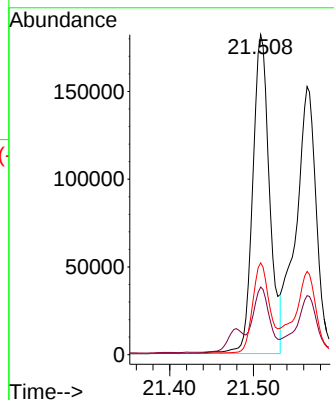


#21
Benzo(a)anthracene
Concen: 3.054 ng/ul
RT: 21.508 min Scan# 4166
Delta R.T. -0.007 min
Lab File: BN026270.D
Acq: 04 Jul 2023 19:53

Instrument :
BNA_N
ClientSampleId :

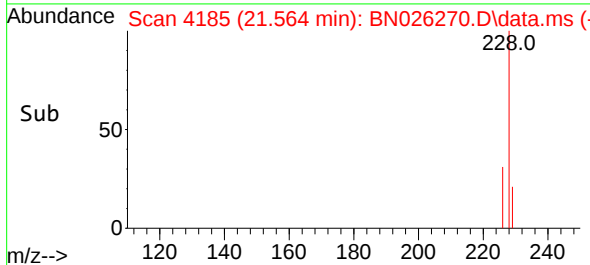
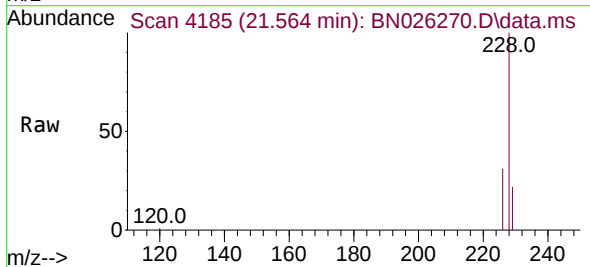
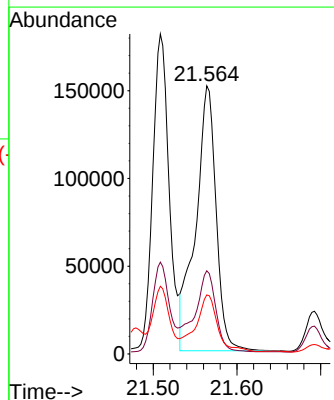


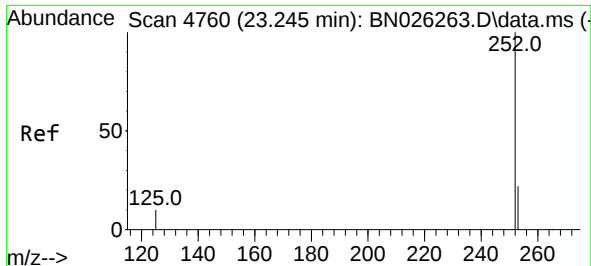
Tgt Ion:228 Resp: 253242
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 28.7 22.5 33.7



#22
Chrysene
Concen: 2.978 ng/ul
RT: 21.564 min Scan# 4185
Delta R.T. -0.007 min
Lab File: BN026270.D
Acq: 04 Jul 2023 19:53

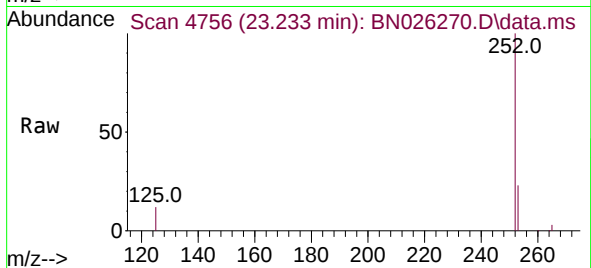
Tgt Ion:228 Resp: 256969
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 22.0 15.7 23.5



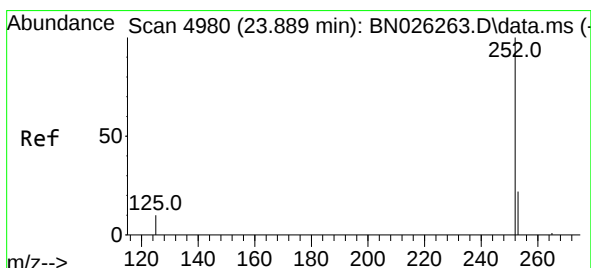
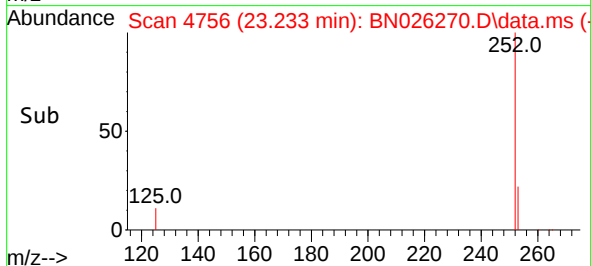
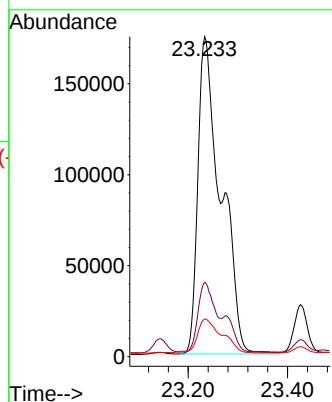


#24
Benzo(b)fluoranthene
Concen: 6.016 ng/ul
RT: 23.233 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN026270.D
Acq: 04 Jul 2023 19:53

Instrument :
BNA_N
ClientSampleId :

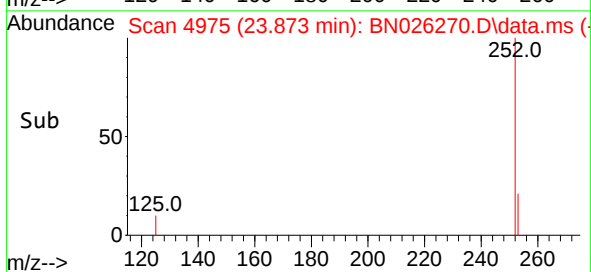
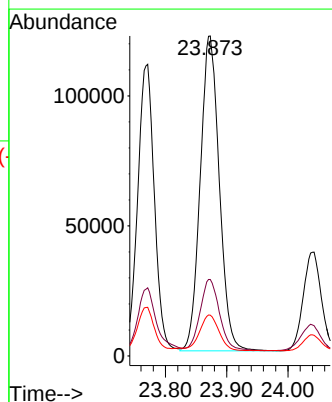
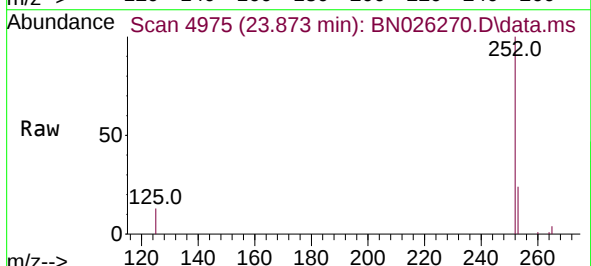


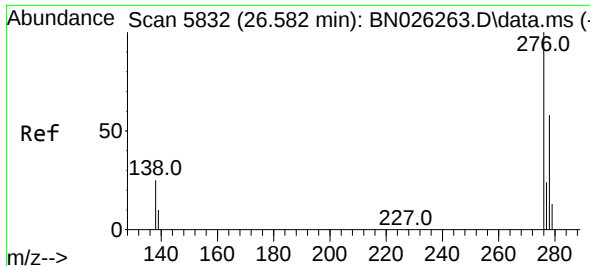
Tgt Ion:252 Resp: 561935
Ion Ratio Lower Upper
252 100
253 23.3 0.0 55.6
125 11.8 0.0 35.8



#26
Benzo(a)pyrene
Concen: 3.225 ng/ul
RT: 23.873 min Scan# 4975
Delta R.T. -0.015 min
Lab File: BN026270.D
Acq: 04 Jul 2023 19:53

Tgt Ion:252 Resp: 261670
Ion Ratio Lower Upper
252 100
253 23.9 26.0 39.0#
125 12.8 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.363 ng/ul

RT: 26.547 min Scan# 5822

Delta R.T. -0.034 min

Lab File: BN026270.D

Acq: 04 Jul 2023 19:53

Instrument :

BNA_N

ClientSampleId :

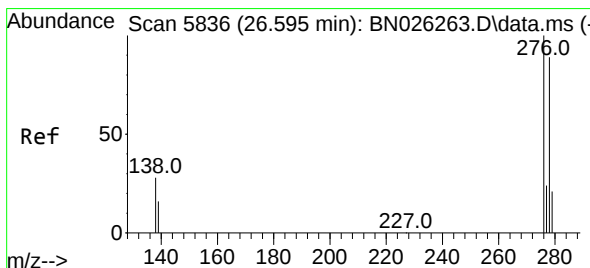
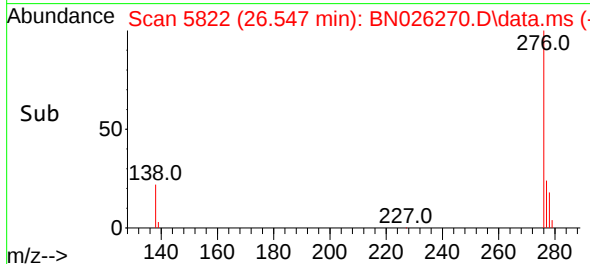
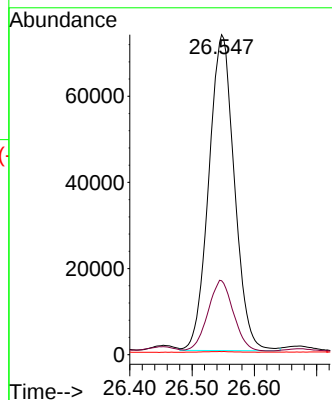
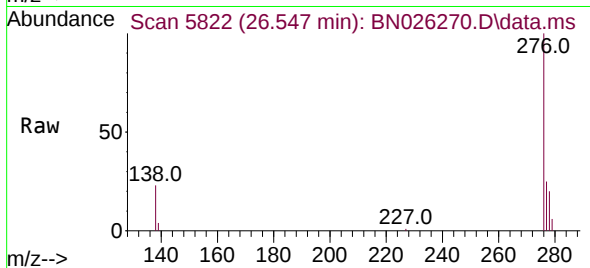
Tgt Ion:276 Resp: 209416

Ion Ratio Lower Upper

276 100

138 22.1 24.5 36.7#

227 0.3 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.690 ng/ul

RT: 26.547 min Scan# 5822

Delta R.T. -0.048 min

Lab File: BN026270.D

Acq: 04 Jul 2023 19:53

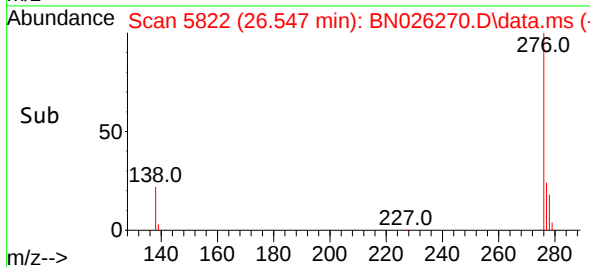
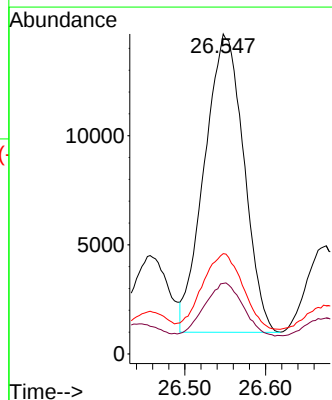
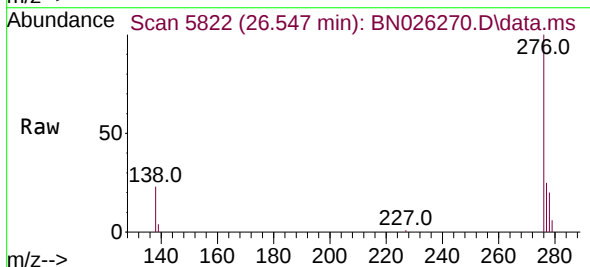
Tgt Ion:278 Resp: 46259

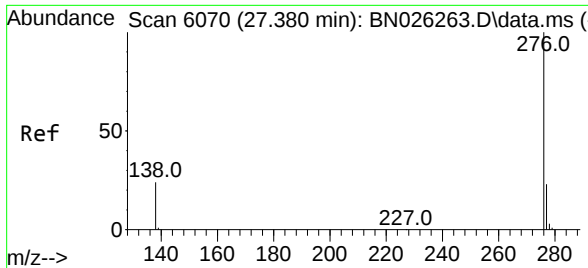
Ion Ratio Lower Upper

278 100

139 22.0 19.0 28.4

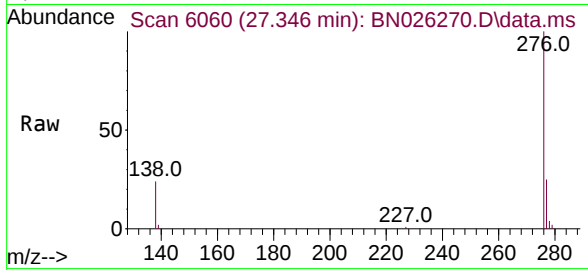
279 31.3 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 2.522 ng/ul
 RT: 27.346 min Scan# 6060
 Delta R.T. -0.034 min
 Lab File: BN026270.D
 Acq: 04 Jul 2023 19:53

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 198834

Ion	Ratio	Lower	Upper
276	100		
138	23.8	23.4	35.0
277	24.6	20.0	30.0

