

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026273.D
 Acq On : 04 Jul 2023 21:43
 Operator : MA/JU
 Sample : 03244-05DL 5X
 Misc :
 ALS Vial : 131 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 05 00:09:14 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)

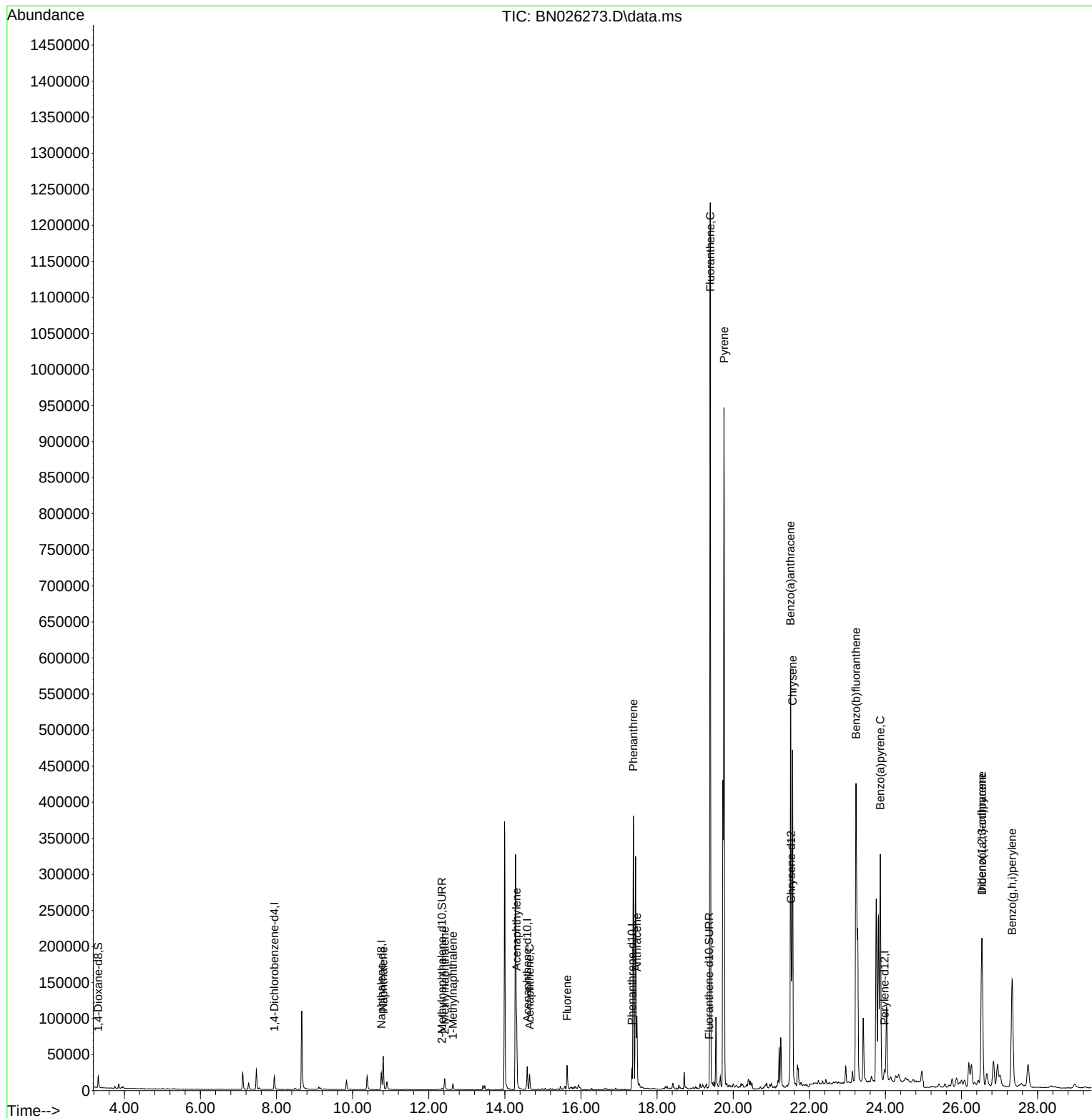
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	11070	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	33937	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	18388	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	33117	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	20967	0.400	ng/ul	0.00
23) Perylene-d12	23.976	264	23027	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	10993	0.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	2891	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.364	212	4685	0.059	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	68087	0.700	ng/ul	99
7) 2-Methylnaphthalene	12.420	142	13064	0.211	ng/ul	99
8) 1-Methylnaphthalene	12.634	142	6311	0.098	ng/ul	100
10) Acenaphthylene	14.307	152	112051	1.301	ng/ul	99
11) Acenaphthene	14.650	153	13107	0.186	ng/ul	99
12) Fluorene	15.635	166	23428	0.290	ng/ul	99
15) Phenanthrene	17.377	178	416828	3.811	ng/ul	99
16) Anthracene	17.470	178	110091	1.132	ng/ul	100
19) Fluoranthene	19.397	202	1047225	9.351	ng/ul	96
20) Pyrene	19.759	202	794000	6.817	ng/ul	96
21) Benzo(a)anthracene	21.506	228	496355	5.739	ng/ul	98
22) Chrysene	21.559	228	480327	5.337	ng/ul	98
24) Benzo(b)fluoranthene	23.228	252	982040	9.992	ng/ul	88
26) Benzo(a)pyrene	23.865	252	471060	5.518	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.535	276	373449	4.005	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.538	278	88862	1.259	ng/ul	93
29) Benzo(g,h,i)perylene	27.330	276	347014	4.184	ng/ul	93

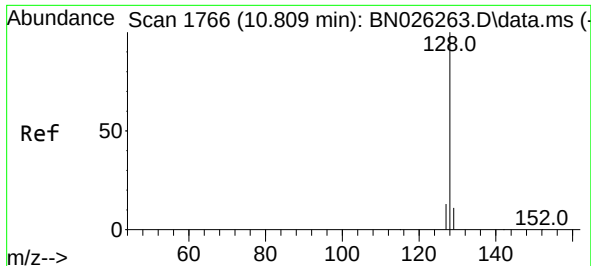
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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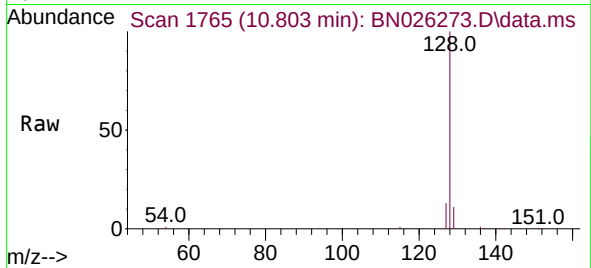
Quant Time: Jul 05 00:09:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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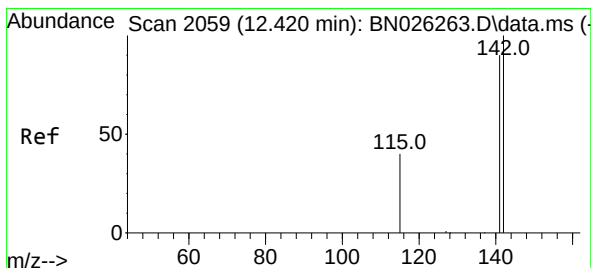
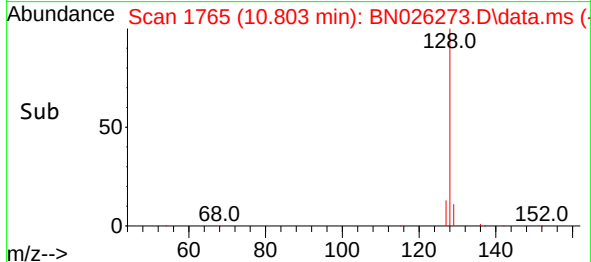
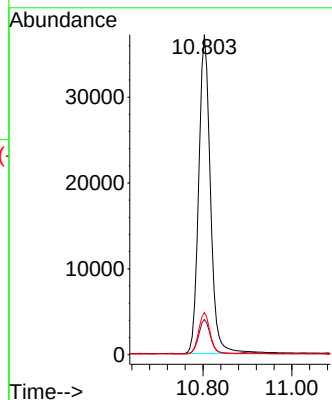


#5
Naphthalene
Concen: 0.700 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

Instrument :
BNA_N
ClientSampleId :

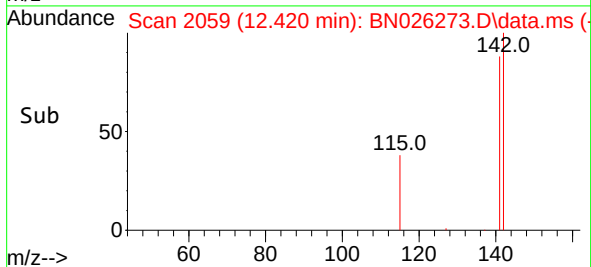
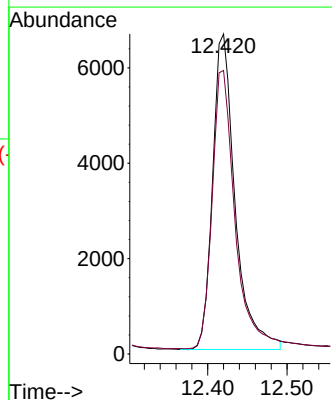
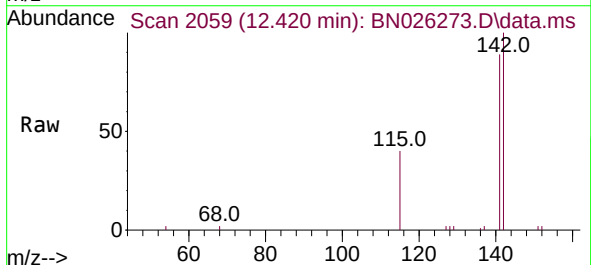


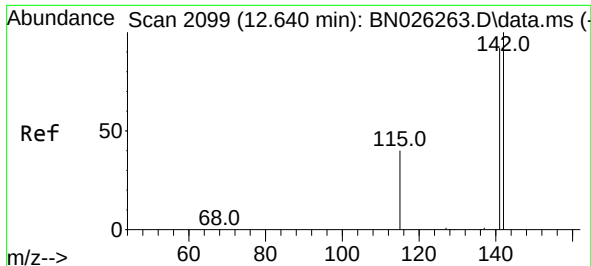
Tgt Ion:128 Resp: 68087
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.2 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.211 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

Tgt Ion:142 Resp: 13064
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9

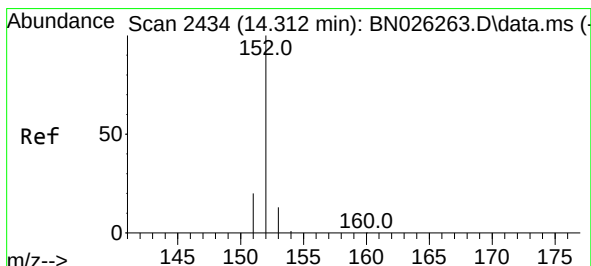
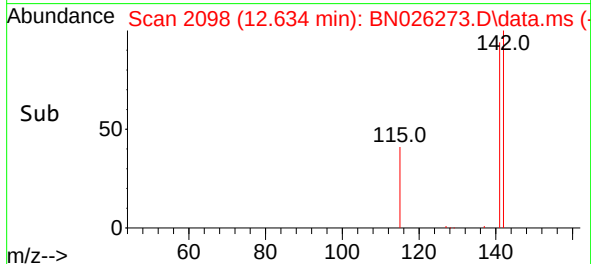
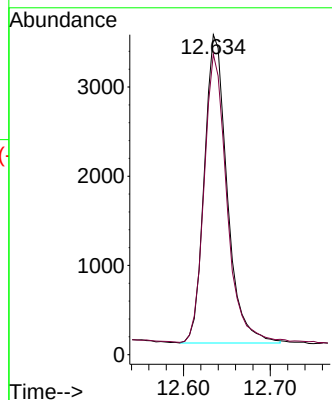
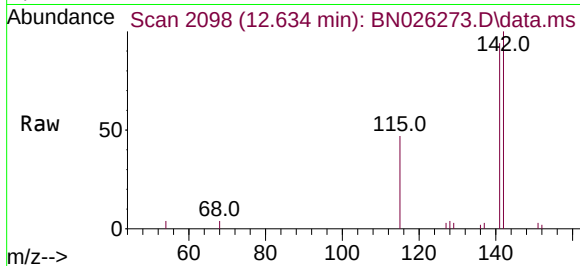




#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

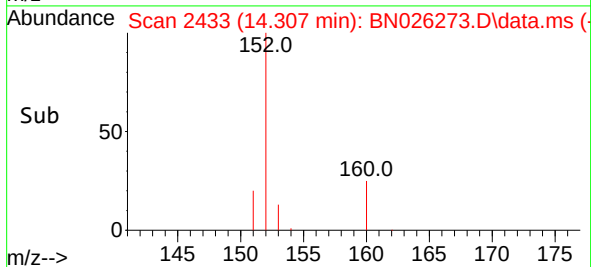
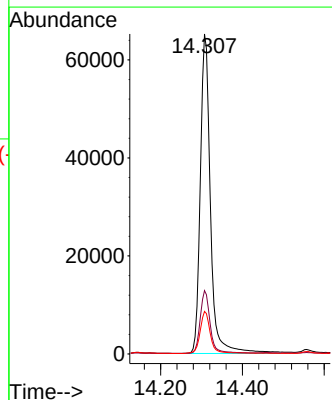
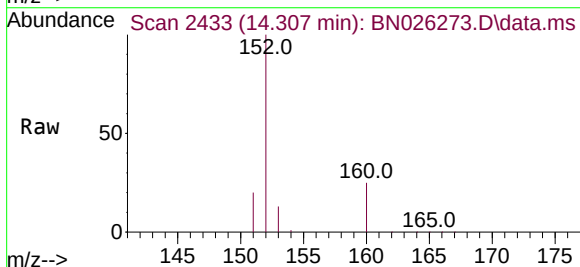
Instrument :
BNA_N
ClientSampleId :

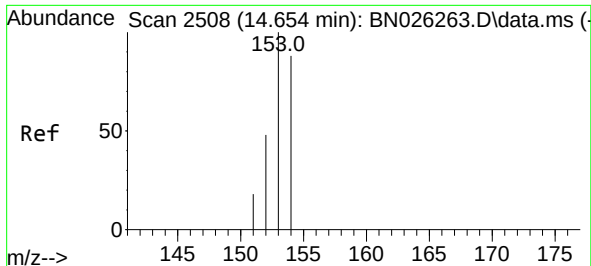
Tgt Ion:142 Resp: 6311
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4



#10
Acenaphthylene
Concen: 1.301 ng/ul
RT: 14.307 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

Tgt Ion:152 Resp: 112051
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.3 10.9 16.3

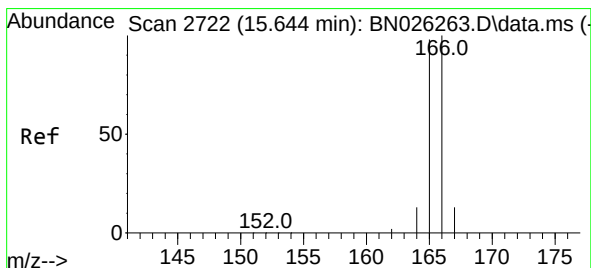
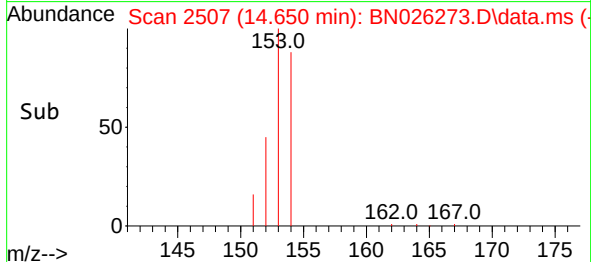
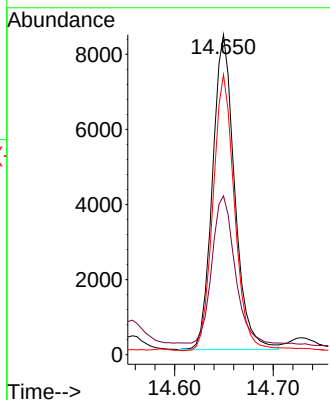
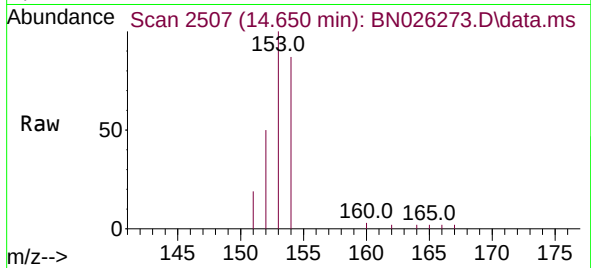




#11
Acenaphthene
Concen: 0.186 ng/ul
RT: 14.650 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

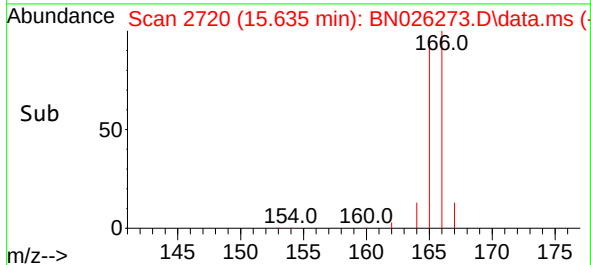
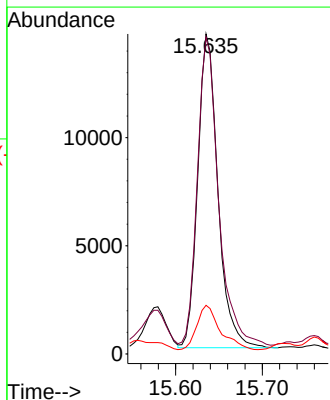
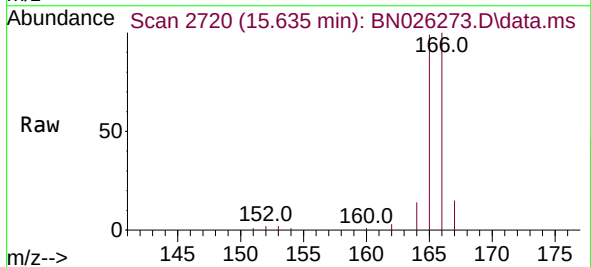
Instrument :
BNA_N
ClientSampleId :

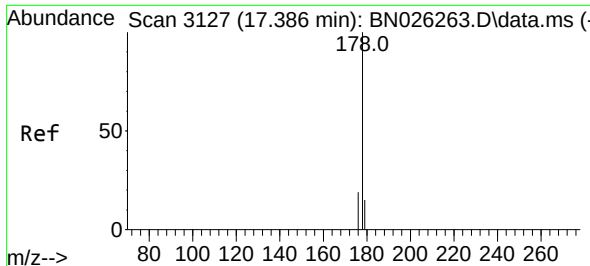
Tgt Ion:153 Resp: 13107
Ion Ratio Lower Upper
153 100
152 49.7 39.4 59.0
154 87.5 68.9 103.3



#12
Fluorene
Concen: 0.290 ng/ul
RT: 15.635 min Scan# 2720
Delta R.T. -0.009 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

Tgt Ion:166 Resp: 23428
Ion Ratio Lower Upper
166 100
165 99.0 79.9 119.9
167 15.2 10.8 16.2

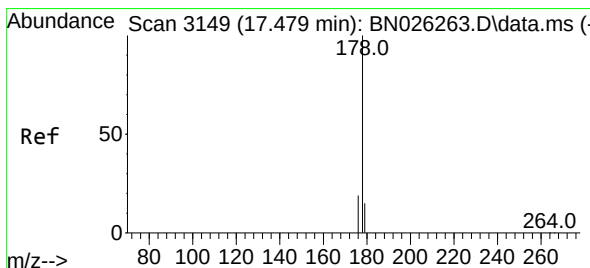
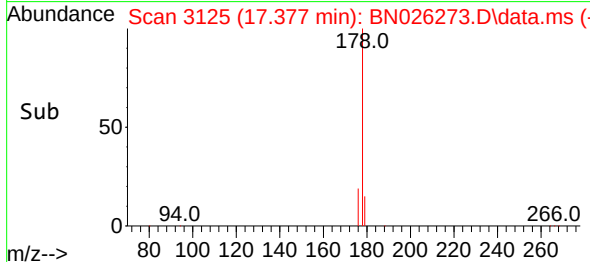
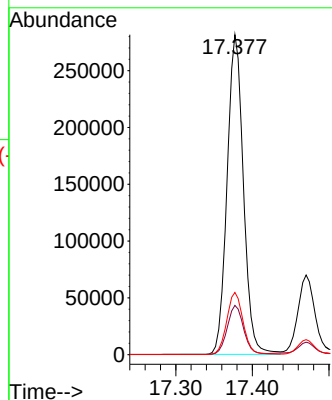
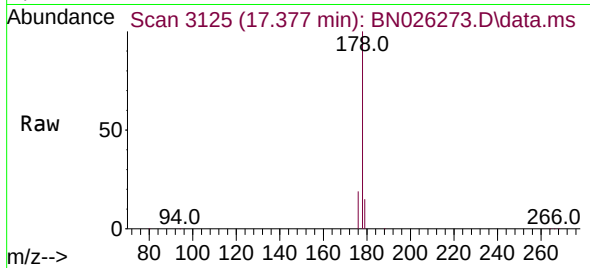




#15
Phenanthrene
Concen: 3.811 ng/ul
RT: 17.377 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

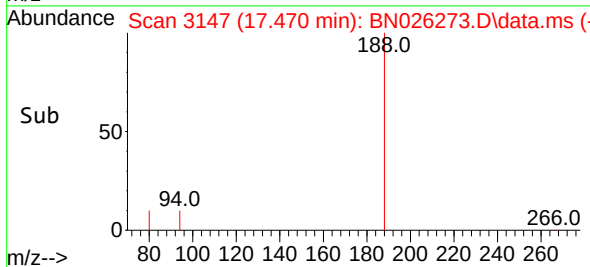
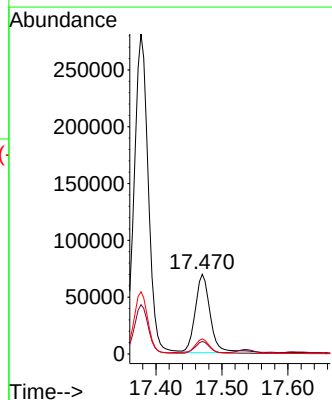
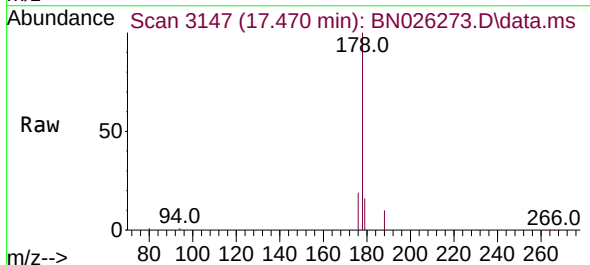
Instrument :
BNA_N
ClientSampleId :

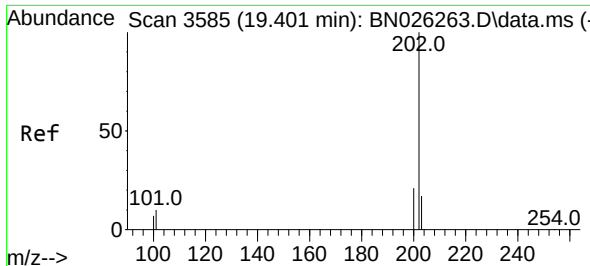
Tgt Ion:178 Resp: 416828
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 1.132 ng/ul
RT: 17.470 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

Tgt Ion:178 Resp: 110091
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.0 15.1 22.7

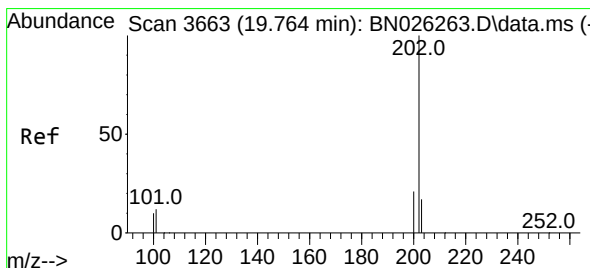
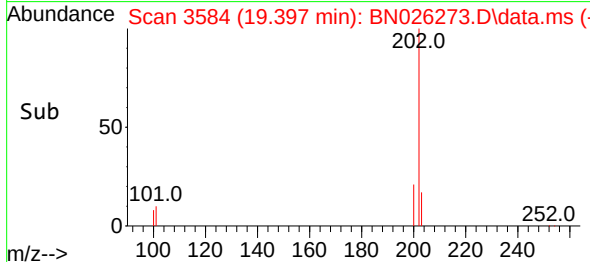
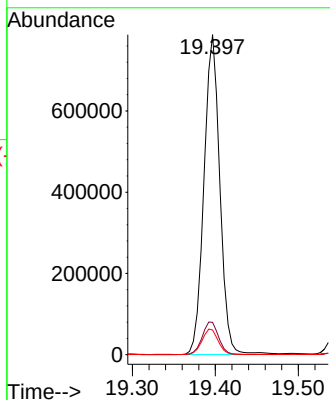
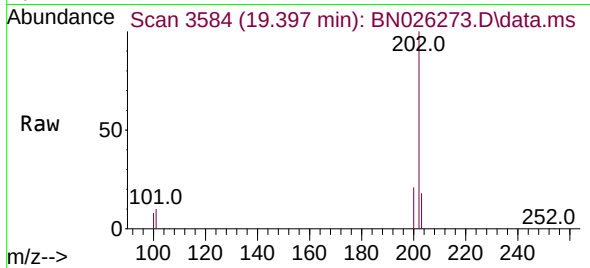




#19
Fluoranthene
Concen: 9.351 ng/ul
RT: 19.397 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

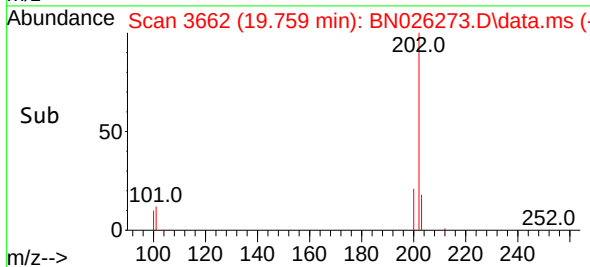
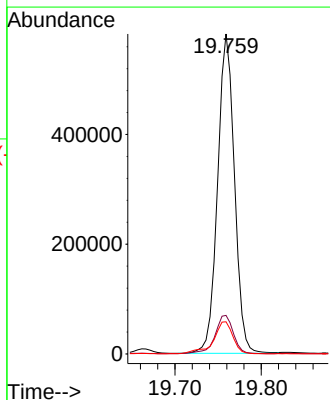
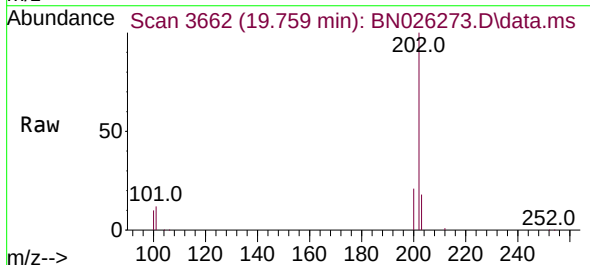
Instrument :
BNA_N
ClientSampleId :

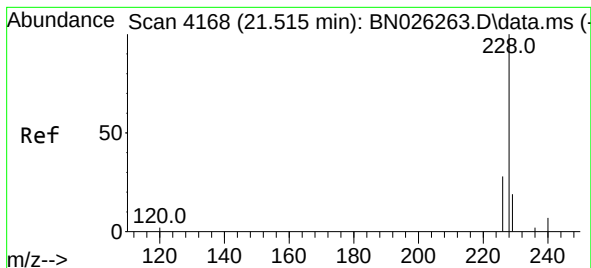
Tgt Ion:202 Resp: 1047225
Ion Ratio Lower Upper
202 100
101 10.1 9.5 14.3
100 7.7 7.3 10.9



#20
Pyrene
Concen: 6.817 ng/ul
RT: 19.759 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

Tgt Ion:202 Resp: 794000
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 10.0 9.1 13.7





#21

Benzo(a)anthracene

Concen: 5.739 ng/ul

RT: 21.506 min Scan# 4165

Delta R.T. -0.009 min

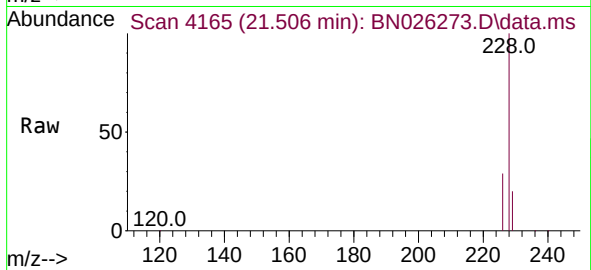
Lab File: BN026273.D

Acq: 04 Jul 2023 21:43

Instrument :

BNA_N

ClientSampleId :



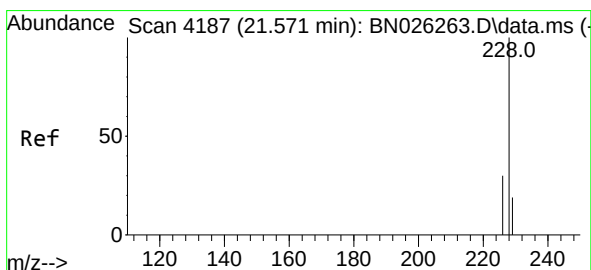
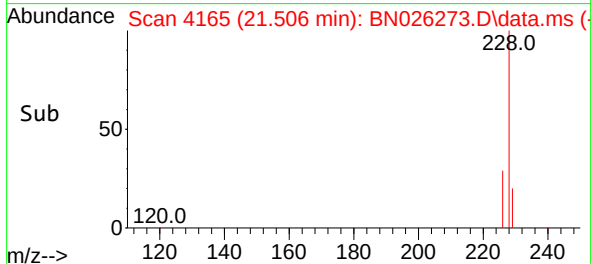
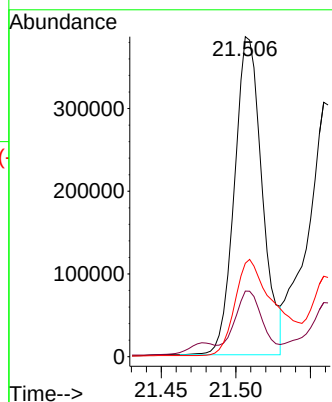
Tgt Ion:228 Resp: 496355

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

226 29.2 22.5 33.7



#22

Chrysene

Concen: 5.337 ng/ul

RT: 21.559 min Scan# 4183

Delta R.T. -0.012 min

Lab File: BN026273.D

Acq: 04 Jul 2023 21:43

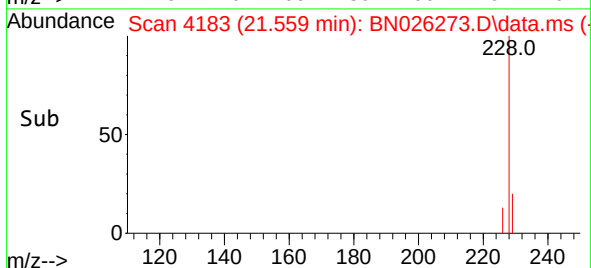
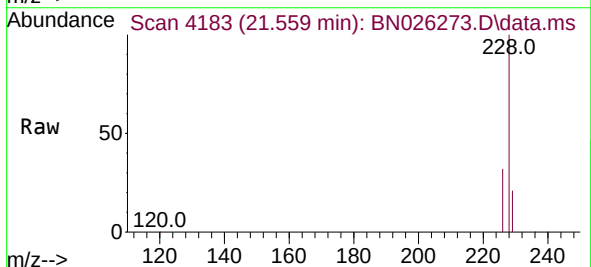
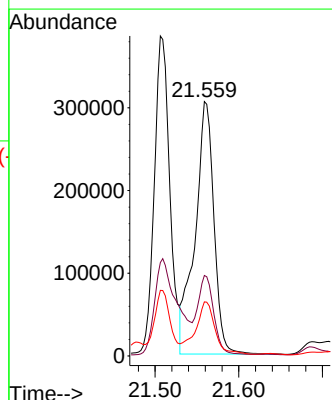
Tgt Ion:228 Resp: 480327

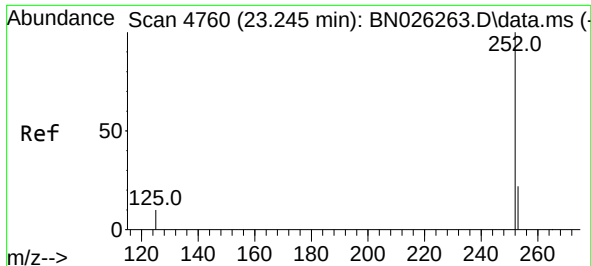
Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

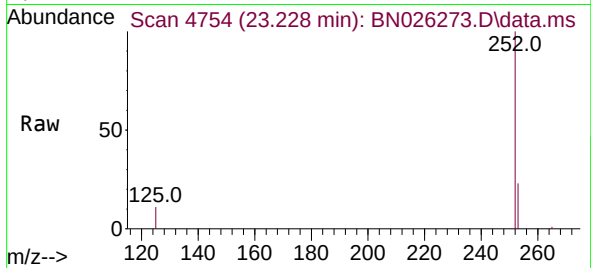
229 21.2 15.7 23.5



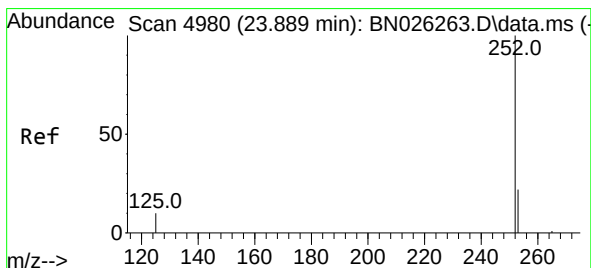
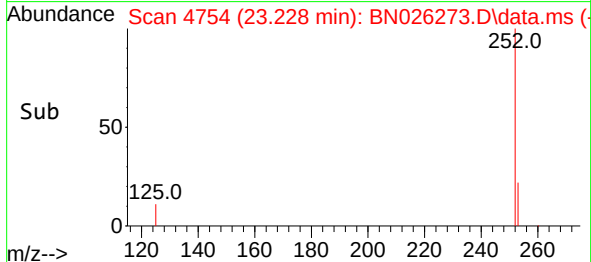
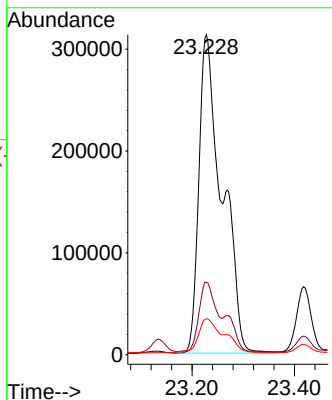


#24
Benzo(b)fluoranthene
Concen: 9.992 ng/ul
RT: 23.228 min Scan# 41
Delta R.T. -0.018 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

Instrument :
BNA_N
ClientSampleId :

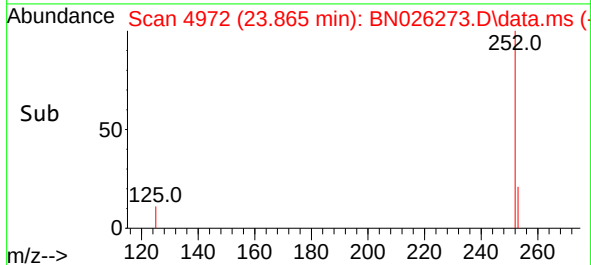
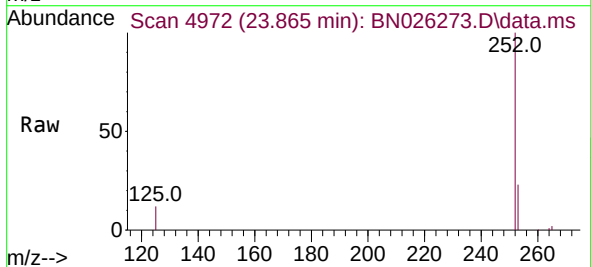
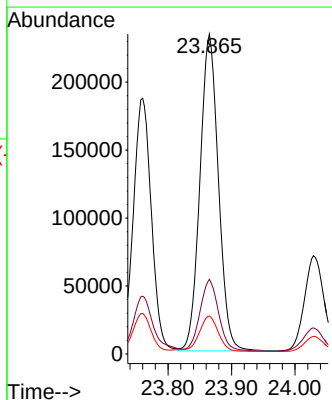


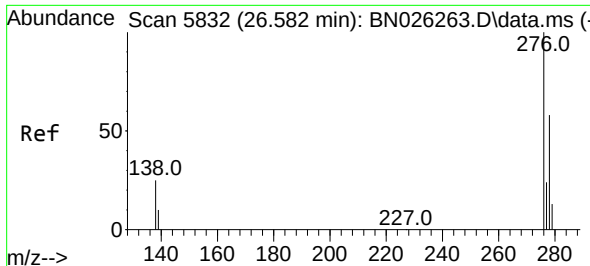
Tgt Ion:252 Resp: 982040
Ion Ratio Lower Upper
252 100
253 22.6 0.0 55.6
125 11.2 0.0 35.8



#26
Benzo(a)pyrene
Concen: 5.518 ng/ul
RT: 23.865 min Scan# 4972
Delta R.T. -0.023 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

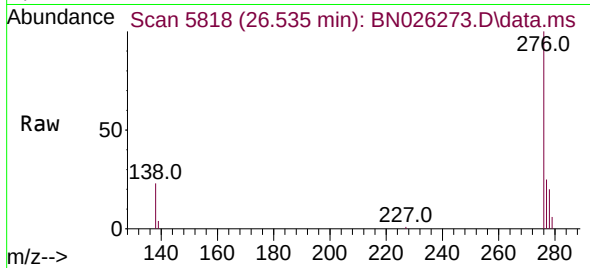
Tgt Ion:252 Resp: 471060
Ion Ratio Lower Upper
252 100
253 23.3 26.0 39.0#
125 11.9 17.3 25.9#



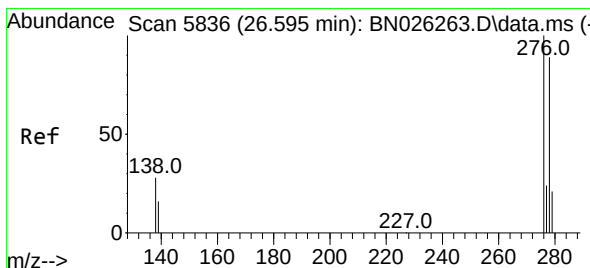
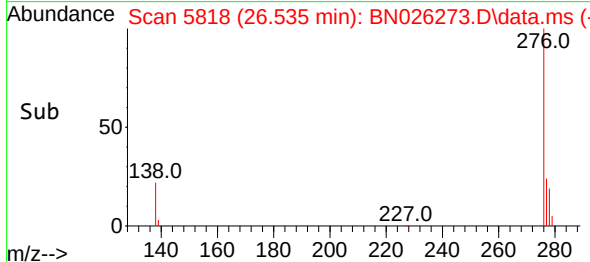
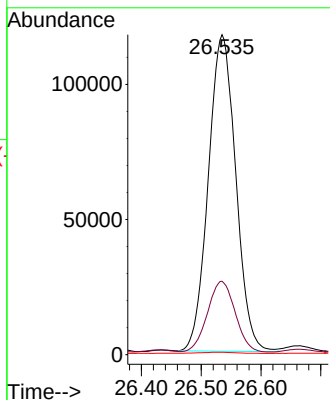


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.005 ng/ul
 RT: 26.535 min Scan# 5818
 Delta R.T. -0.047 min
 Lab File: BN026273.D
 Acq: 04 Jul 2023 21:43

Instrument :
 BNA_N
 ClientSampleId :

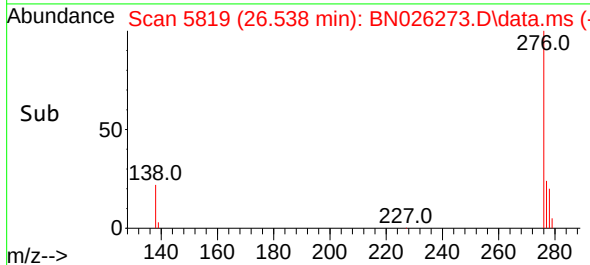
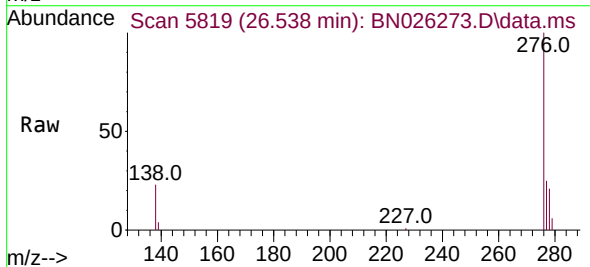
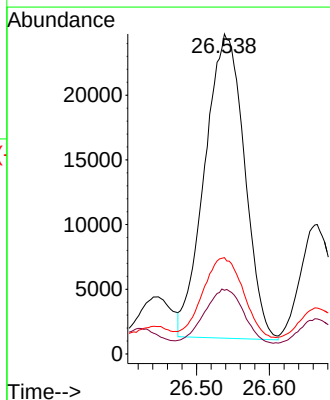


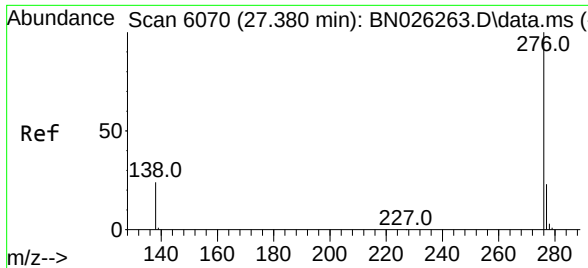
Tgt Ion:276 Resp: 373449
 Ion Ratio Lower Upper
 276 100
 138 22.6 24.5 36.7#
 227 0.4 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.259 ng/ul
 RT: 26.538 min Scan# 5819
 Delta R.T. -0.057 min
 Lab File: BN026273.D
 Acq: 04 Jul 2023 21:43

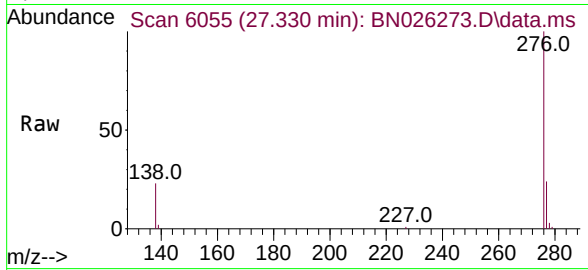
Tgt Ion:278 Resp: 88862
 Ion Ratio Lower Upper
 278 100
 139 19.9 19.0 28.4
 279 30.1 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 4.184 ng/ul
RT: 27.330 min Scan# 6070
Delta R.T. -0.050 min
Lab File: BN026273.D
Acq: 04 Jul 2023 21:43

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:276 Resp: 347014
Ion Ratio Lower Upper
276 100
138 23.4 23.4 35.0
277 23.7 20.0 30.0

