

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026221.D
 Acq On : 03 Jul 2023 11:52
 Operator : MA/JU
 Sample : 03246-04
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 23:21:09 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

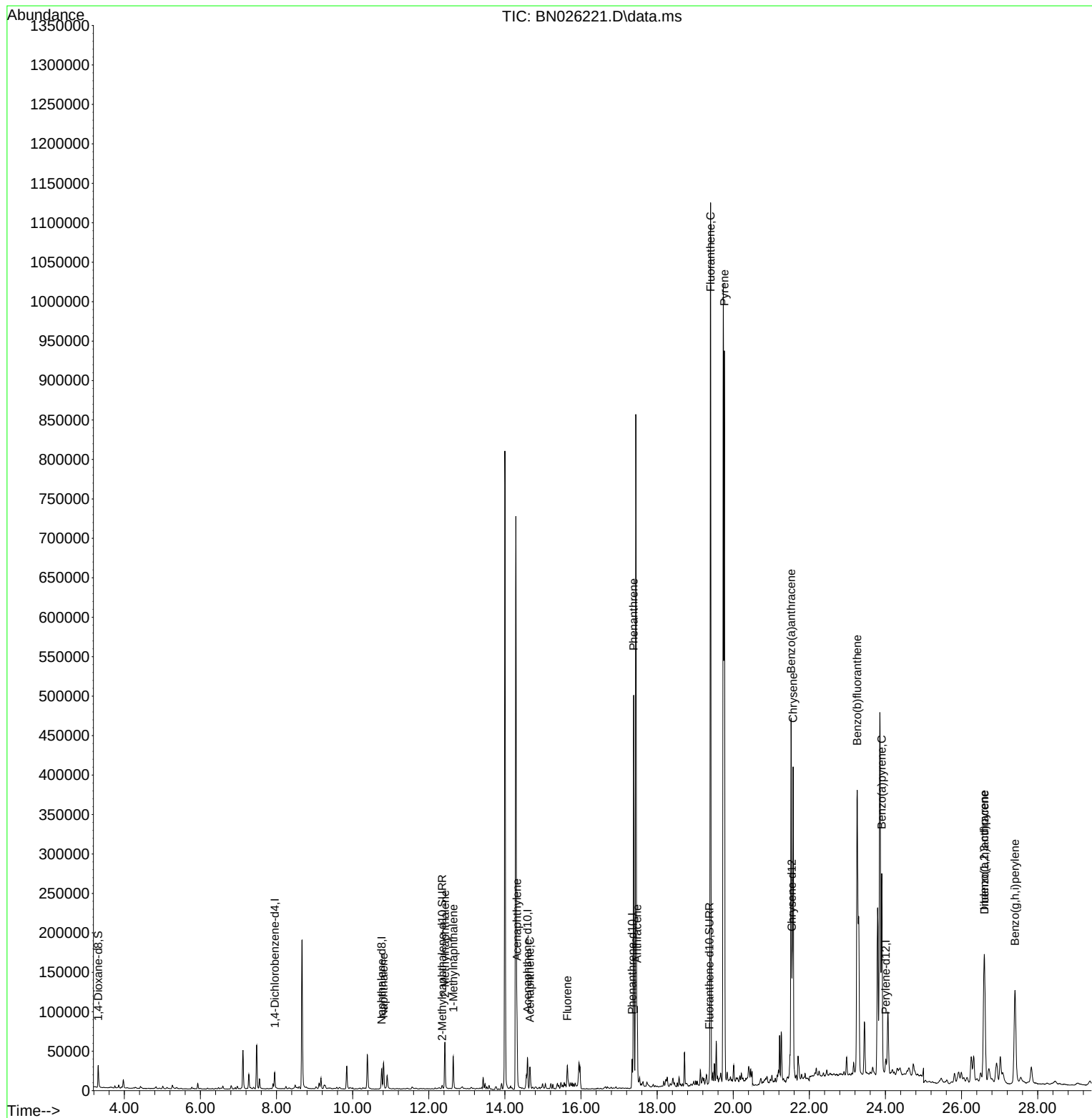
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	11623	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.763	136	36318	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.593	164	22273	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.342	188	44180	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	23174	0.400	ng/ul	# 0.00
23) Perylene-d12	24.007	264	23875	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	18970	1.449	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.353	152	6324	0.113	ng/ul	-0.01
18) Fluoranthene-d10	19.372	212	11855	0.134	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.813	128	47827	0.459	ng/ul	100
7) 2-Methylnaphthalene	12.424	142	43528	0.657	ng/ul	99
8) 1-Methylnaphthalene	12.644	142	29078	0.423	ng/ul	100
10) Acenaphthylene	14.315	152	101224	0.971	ng/ul	99
11) Acenaphthene	14.658	153	17233	0.202	ng/ul	98
12) Fluorene	15.643	166	19392	0.198	ng/ul#	98
15) Phenanthrene	17.384	178	526610	3.609	ng/ul	99
16) Anthracene	17.477	178	96015	0.740	ng/ul	99
19) Fluoranthene	19.404	202	969177	7.830	ng/ul	97
20) Pyrene	19.767	202	764867	5.941	ng/ul	96
21) Benzo(a)anthracene	21.522	228	405571	4.242	ng/ul	96
22) Chrysene	21.575	228	428903	4.312	ng/ul	97
24) Benzo(b)fluoranthene	23.255	252	846060	8.303	ng/ul	90
26) Benzo(a)pyrene	23.902	252	379688	4.290	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.597	276	296781	3.070	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.604	278	76892	1.051	ng/ul	99
29) Benzo(g,h,i)perylene	27.402	276	267690	3.113	ng/ul	95

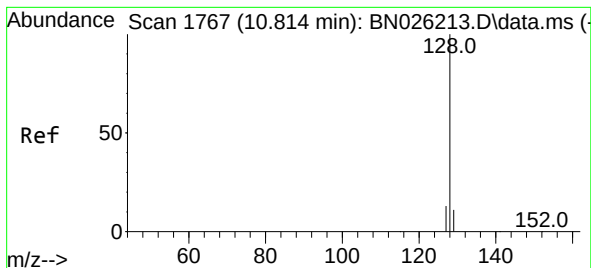
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.459 ng/ul

RT: 10.813 min Scan# 1767

Delta R.T. -0.012 min

Lab File: BN026221.D

Acq: 03 Jul 2023 11:52

Instrument :

BNA_N

ClientSampleId :

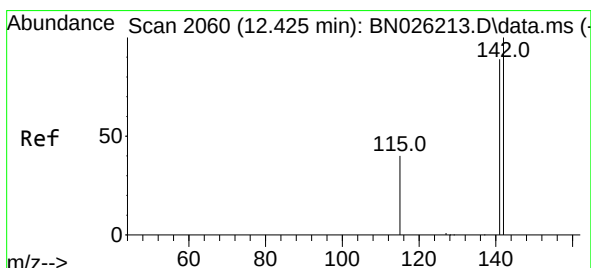
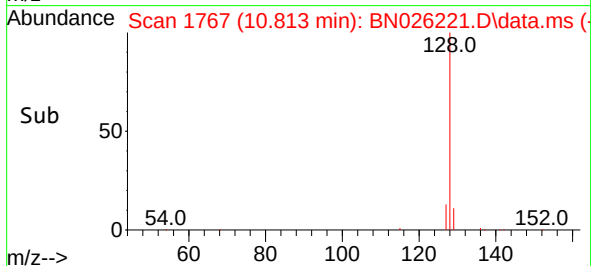
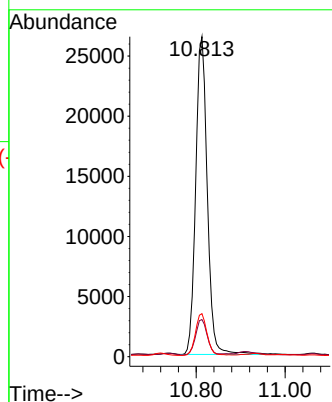
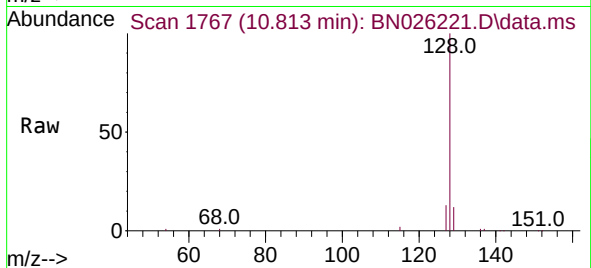
Tgt Ion:128 Resp: 47827

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

127 13.4 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.657 ng/ul

RT: 12.424 min Scan# 2060

Delta R.T. -0.012 min

Lab File: BN026221.D

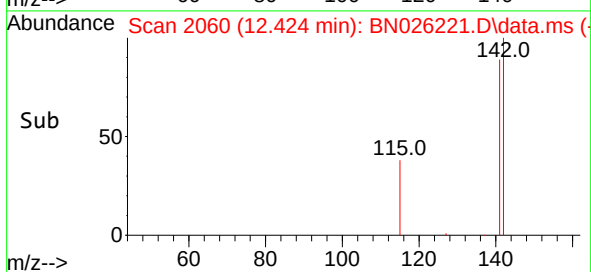
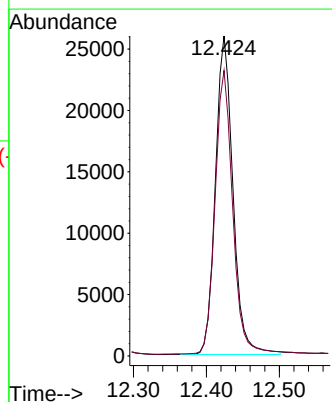
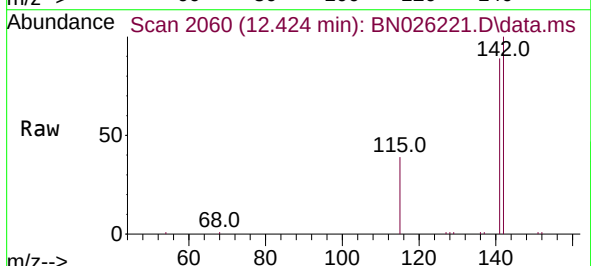
Acq: 03 Jul 2023 11:52

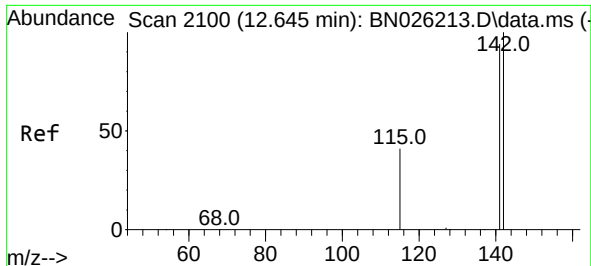
Tgt Ion:142 Resp: 43528

Ion Ratio Lower Upper

142 100

141 89.2 71.9 107.9

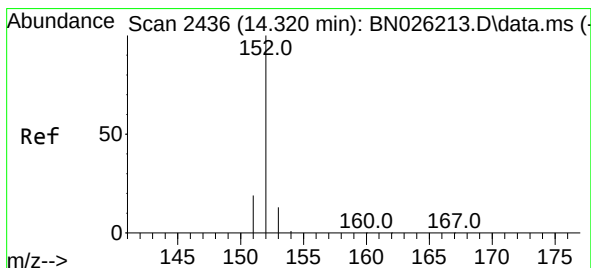
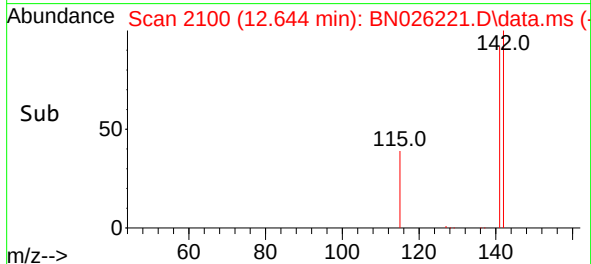
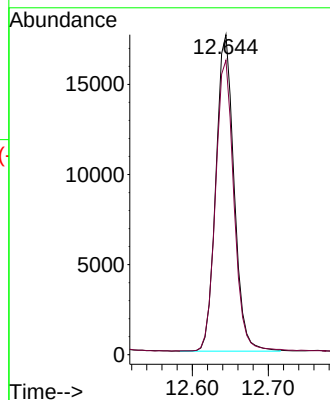
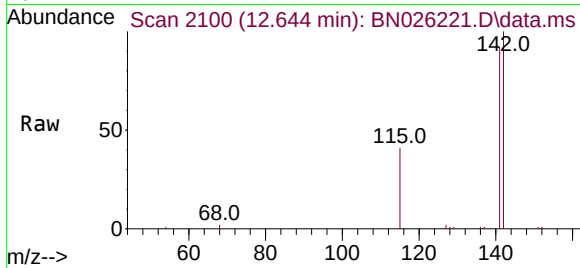




#8
1-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.007 min
Lab File: BN026221.D
Acq: 03 Jul 2023 11:52

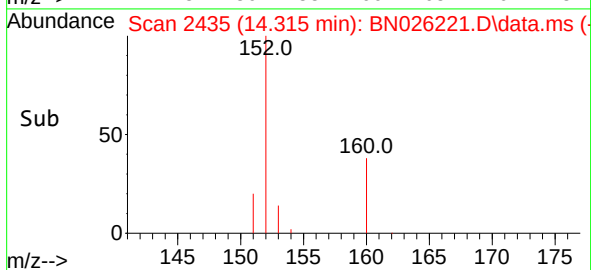
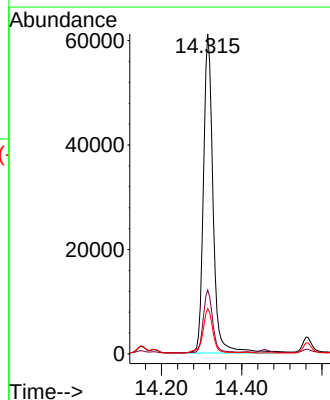
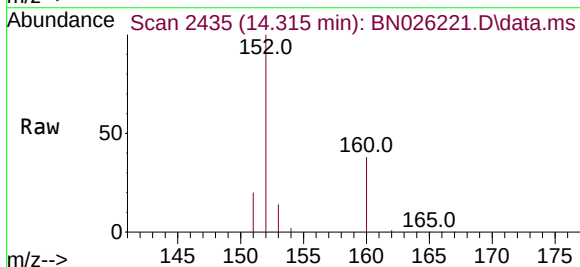
Instrument :
BNA_N
ClientSampleId :

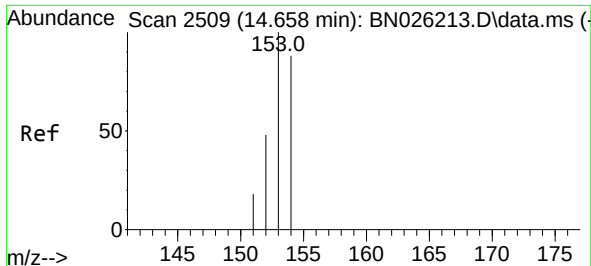
Tgt Ion:142 Resp: 29078
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4



#10
Acenaphthylene
Concen: 0.971 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026221.D
Acq: 03 Jul 2023 11:52

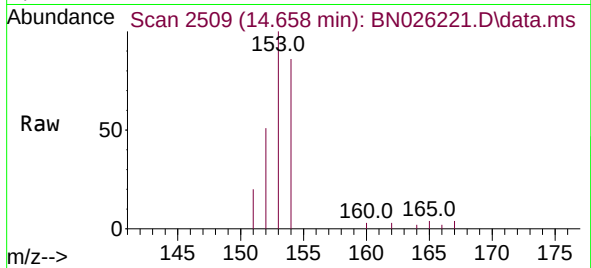
Tgt Ion:152 Resp: 101224
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 14.1 10.9 16.3



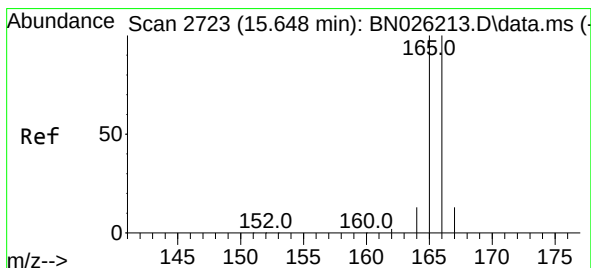
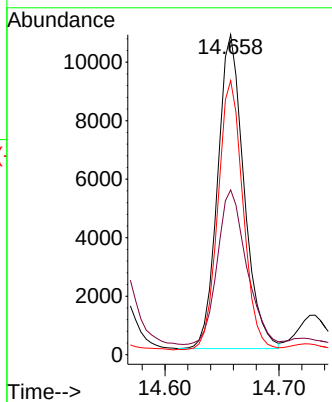
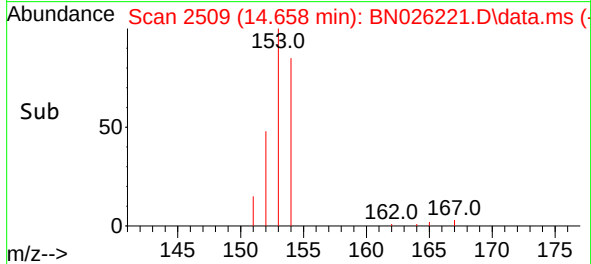


#11
Acenaphthene
Concen: 0.202 ng/ul
RT: 14.658 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN026221.D
Acq: 03 Jul 2023 11:52

Instrument :
BNA_N
ClientSampleId :

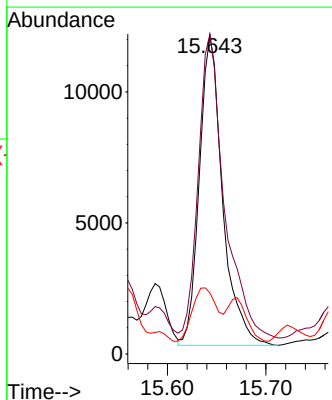
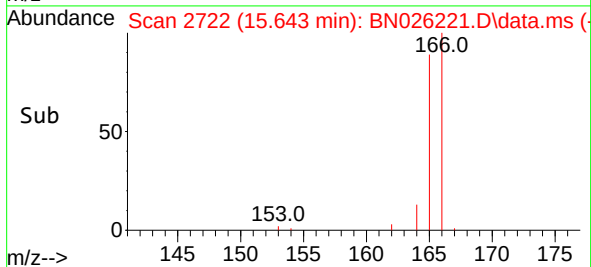
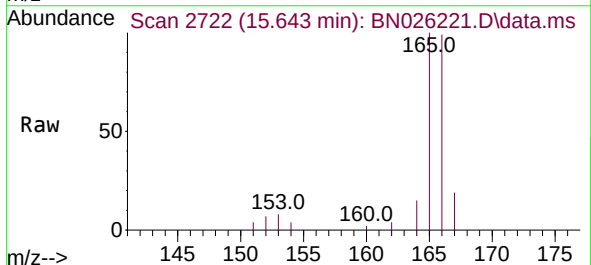


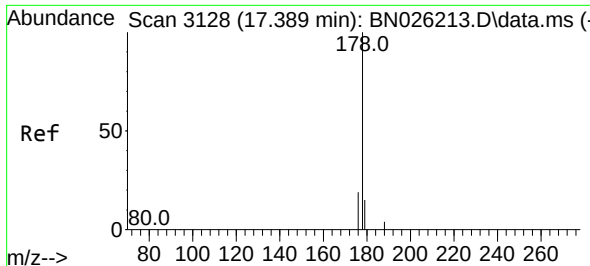
Tgt Ion:153 Resp: 17233
Ion Ratio Lower Upper
153 100
152 51.5 39.4 59.0
154 85.7 68.9 103.3



#12
Fluorene
Concen: 0.198 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026221.D
Acq: 03 Jul 2023 11:52

Tgt Ion:166 Resp: 19392
Ion Ratio Lower Upper
166 100
165 100.6 79.9 119.9
167 19.2 10.8 16.2#

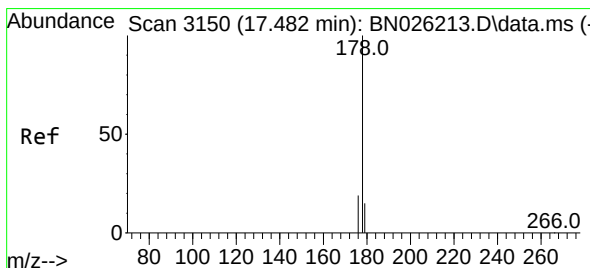
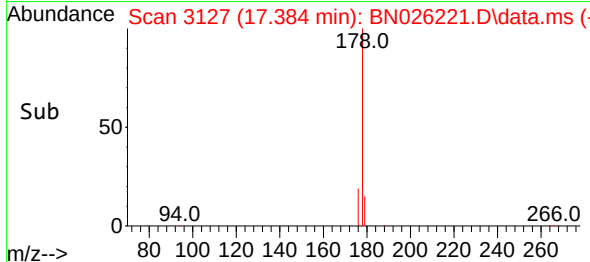
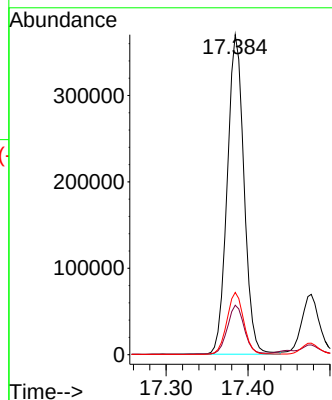
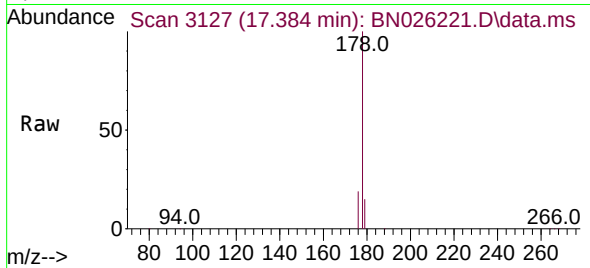




#15
Phenanthrene
Concen: 3.609 ng/u1
RT: 17.384 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BN026221.D
Acq: 03 Jul 2023 11:52

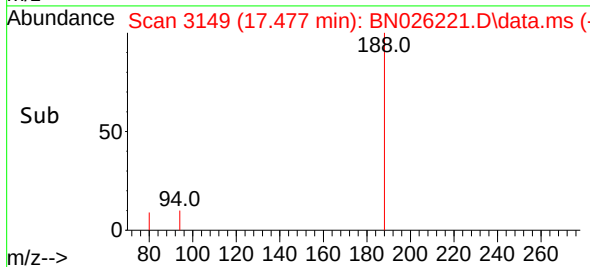
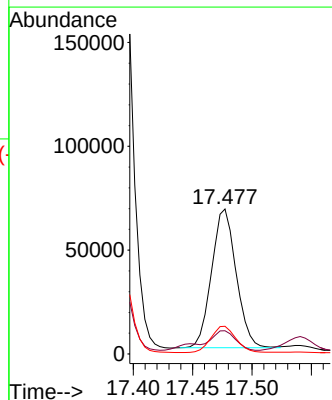
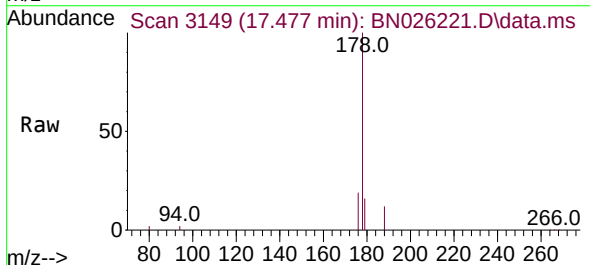
Instrument :
BNA_N
ClientSampleId :

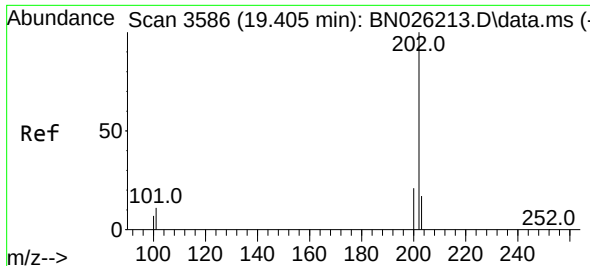
Tgt Ion:178 Resp: 526610
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.740 ng/u1
RT: 17.477 min Scan# 3149
Delta R.T. -0.010 min
Lab File: BN026221.D
Acq: 03 Jul 2023 11:52

Tgt Ion:178 Resp: 96015
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.1 15.1 22.7





#19

Fluoranthene

Concen: 7.830 ng/ul

RT: 19.404 min Scan# 3586

Delta R.T. -0.006 min

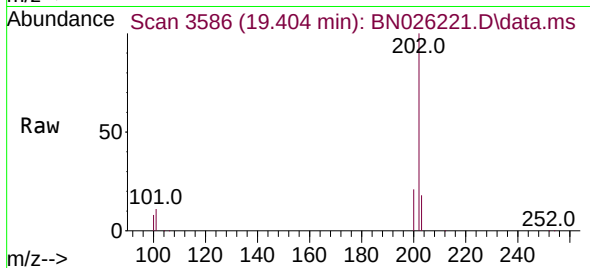
Lab File: BN026221.D

Acq: 03 Jul 2023 11:52

Instrument :

BNA_N

ClientSampleId :



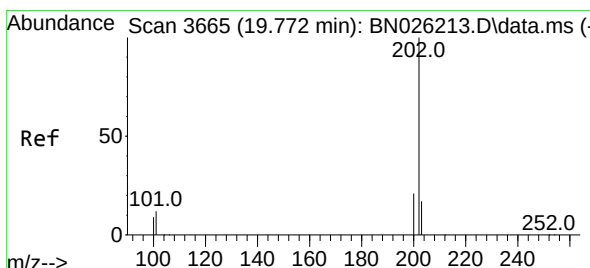
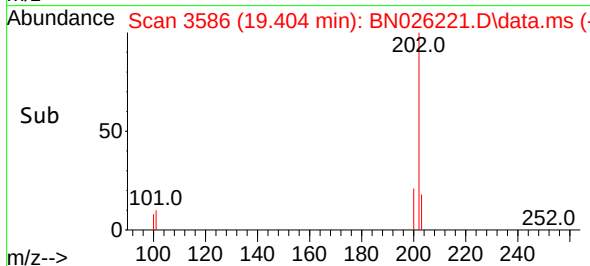
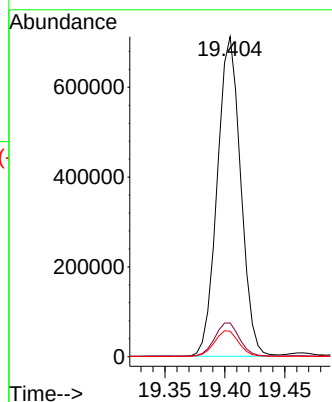
Tgt Ion:202 Resp: 969177

Ion Ratio Lower Upper

202 100

101 10.6 9.5 14.3

100 7.9 7.3 10.9



#20

Pyrene

Concen: 5.941 ng/ul

RT: 19.767 min Scan# 3664

Delta R.T. -0.006 min

Lab File: BN026221.D

Acq: 03 Jul 2023 11:52

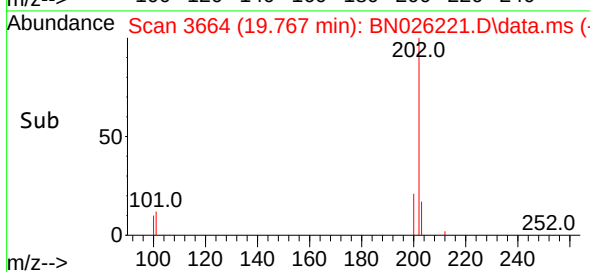
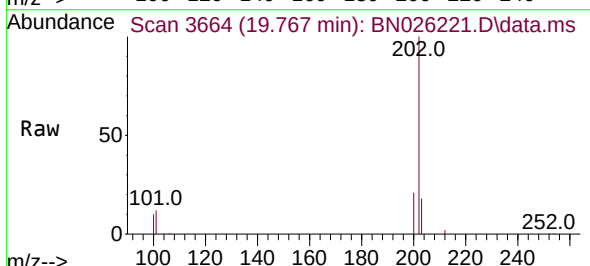
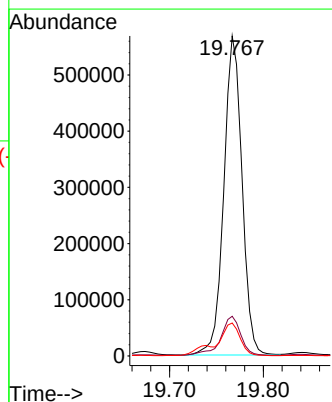
Tgt Ion:202 Resp: 764867

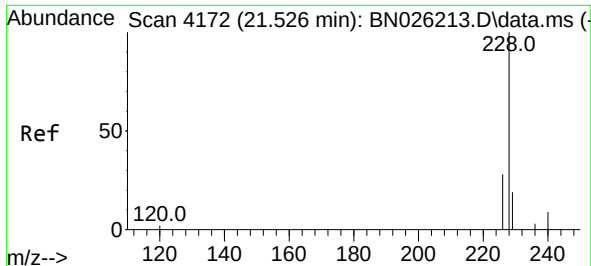
Ion Ratio Lower Upper

202 100

101 12.4 11.4 17.0

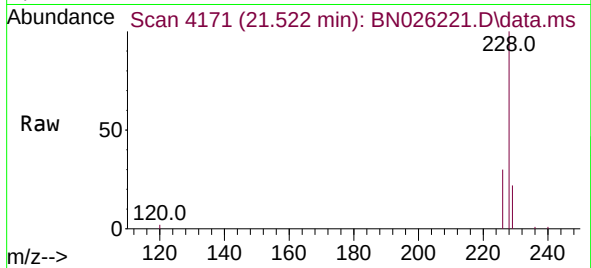
100 10.3 9.1 13.7



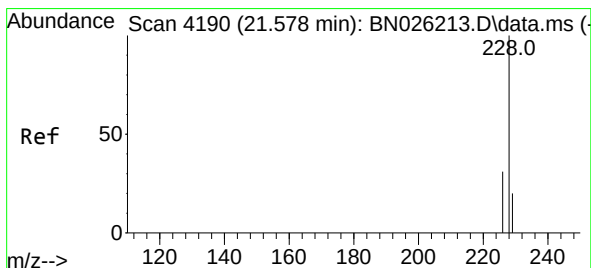
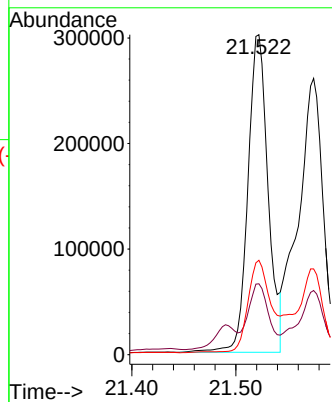
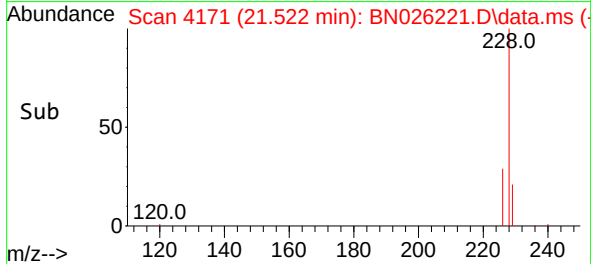


#21
Benzo(a)anthracene
Concen: 4.242 ng/ul
RT: 21.522 min Scan# 4171
Delta R.T. -0.005 min
Lab File: BN026221.D
Acq: 03 Jul 2023 11:52

Instrument :
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ClientSampleId :

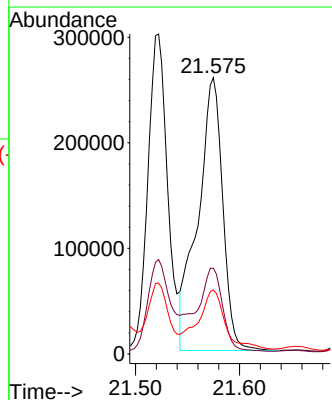
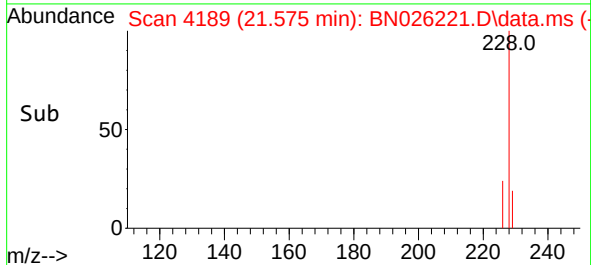
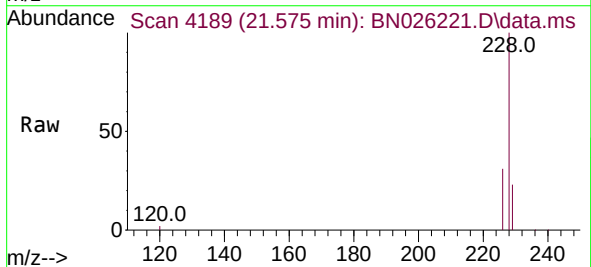


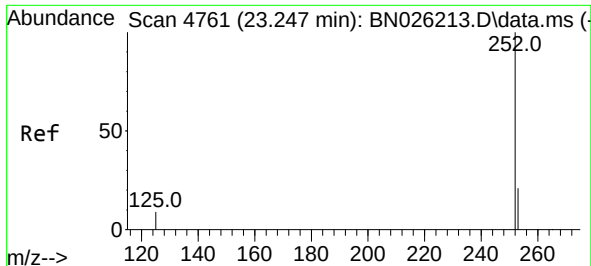
Tgt Ion:228 Resp: 405571
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.6
226 29.5 22.5 33.7



#22
Chrysene
Concen: 4.312 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BN026221.D
Acq: 03 Jul 2023 11:52

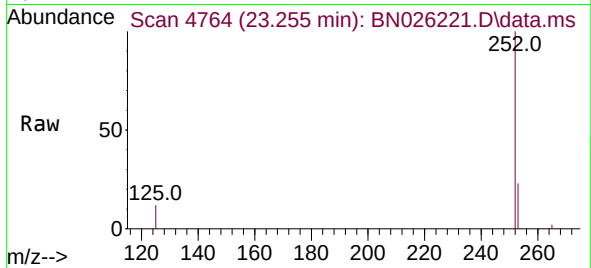
Tgt Ion:228 Resp: 428903
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 23.2 15.7 23.5



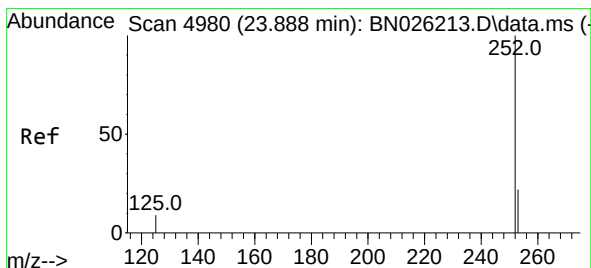
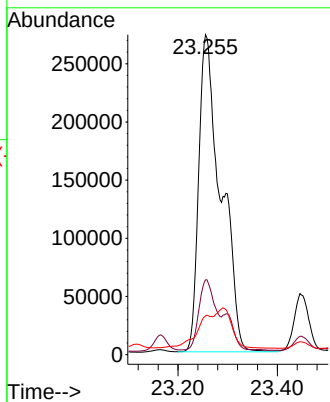
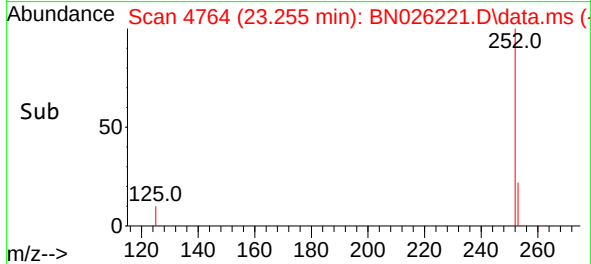


#24
Benzo(b)fluoranthene
Concen: 8.303 ng/u1
RT: 23.255 min Scan# 4764
Delta R.T. 0.013 min
Lab File: BN026221.D
Acq: 03 Jul 2023 11:52

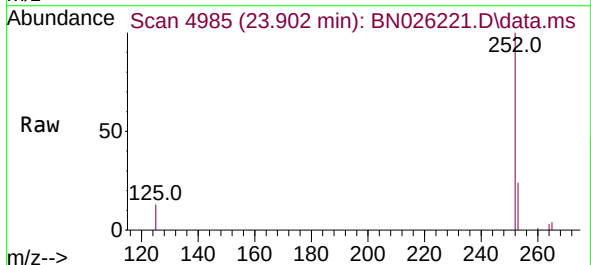
Instrument :
BNA_N
ClientSampleId :



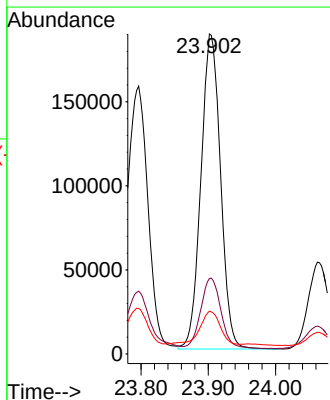
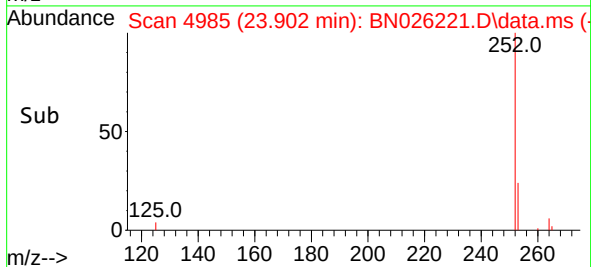
Tgt Ion:252 Resp: 846060
Ion Ratio Lower Upper
252 100
253 23.4 0.0 55.6
125 12.2 0.0 35.8

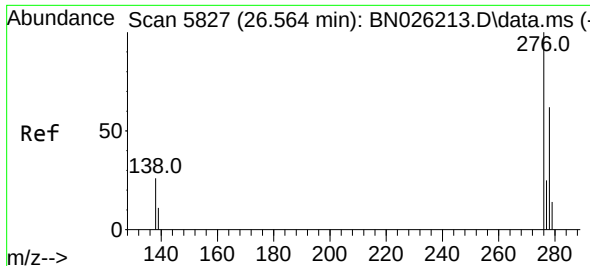


#26
Benzo(a)pyrene
Concen: 4.290 ng/u1
RT: 23.902 min Scan# 4985
Delta R.T. 0.016 min
Lab File: BN026221.D
Acq: 03 Jul 2023 11:52



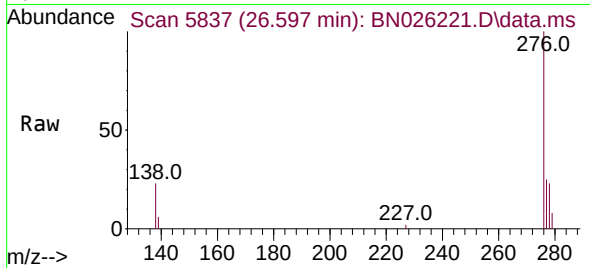
Tgt Ion:252 Resp: 379688
Ion Ratio Lower Upper
252 100
253 23.6 26.0 39.0#
125 13.4 17.3 25.9#



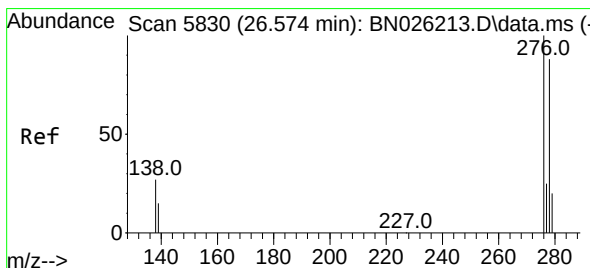
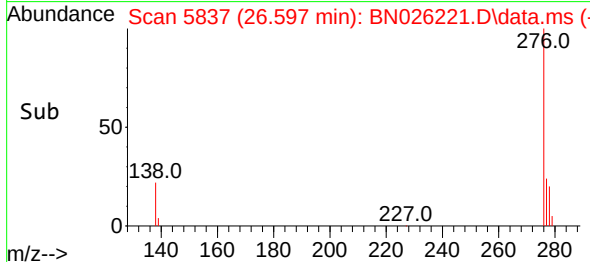
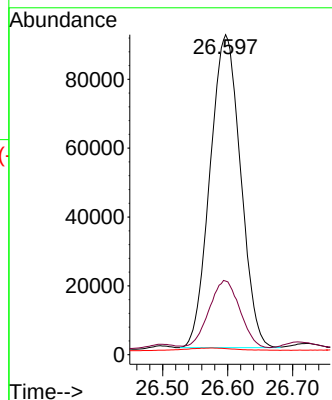


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.070 ng/ul
 RT: 26.597 min Scan# 5837
 Delta R.T. 0.039 min
 Lab File: BN026221.D
 Acq: 03 Jul 2023 11:52

Instrument :
 BNA_N
 ClientSampleId :

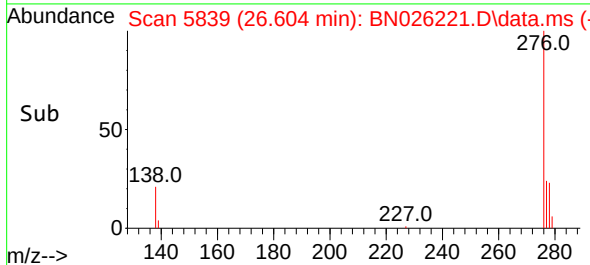
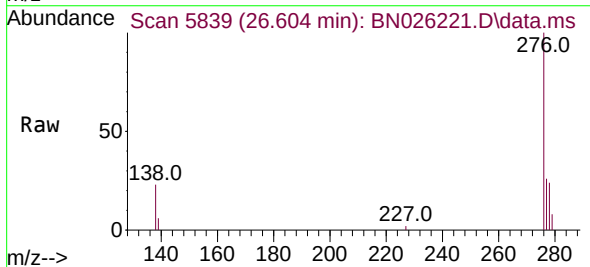
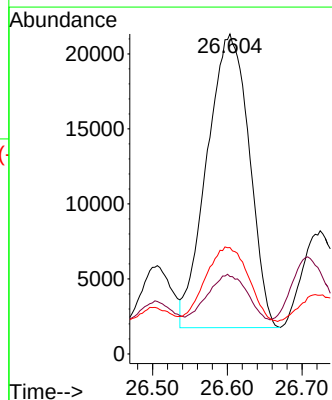


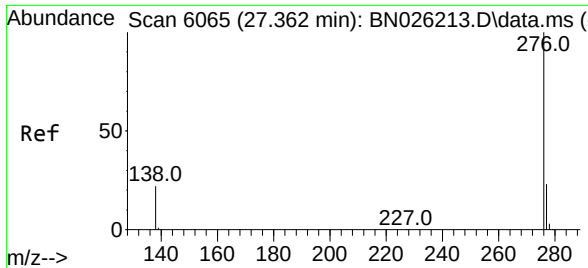
Tgt Ion:276 Resp: 296781
 Ion Ratio Lower Upper
 276 100
 138 21.8 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 1.051 ng/ul
 RT: 26.604 min Scan# 5839
 Delta R.T. 0.025 min
 Lab File: BN026221.D
 Acq: 03 Jul 2023 11:52

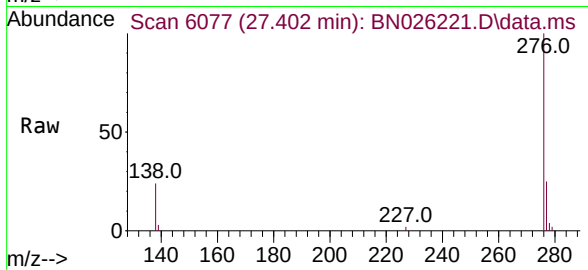
Tgt Ion:278 Resp: 76892
 Ion Ratio Lower Upper
 278 100
 139 24.2 19.0 28.4
 279 33.3 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 3.113 ng/ul
 RT: 27.402 min Scan# 6077
 Delta R.T. 0.055 min
 Lab File: BN026221.D
 Acq: 03 Jul 2023 11:52

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	267690
Ion	Ratio	Lower	Upper
276	100		
138	24.0	23.4	35.0
277	24.8	20.0	30.0

