

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026233.D
 Acq On : 03 Jul 2023 19:58
 Operator : MA/JU
 Sample : 03246-13
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 01:03:37 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 : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

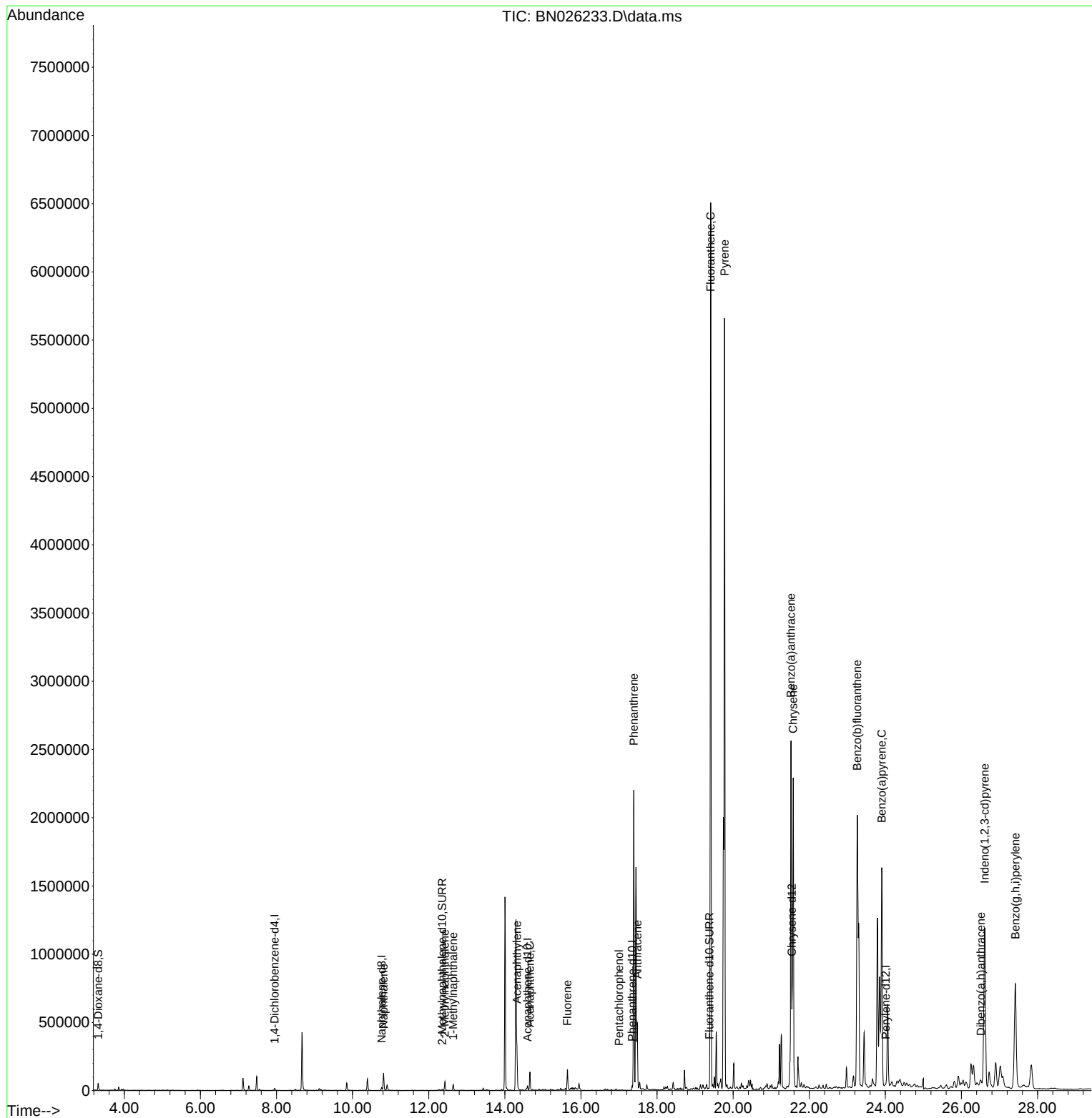
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	9078	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	28568	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	18284	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	37943	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	20505	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	26937	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	33486	3.275	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	10882	0.248	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	22705	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.812	128	175148	2.139	ng/ul	99
7) 2-Methylnaphthalene	12.424	142	46761	0.897	ng/ul	99
8) 1-Methylnaphthalene	12.644	142	31458	0.582	ng/ul	100
10) Acenaphthylene	14.320	152	343061	4.007	ng/ul	99
11) Acenaphthene	14.657	153	79162	1.130	ng/ul	100
12) Fluorene	15.643	166	96341	1.200	ng/ul	99
14) Pentachlorophenol	17.004	266	416	0.031	ng/ul	96
15) Phenanthrene	17.388	178	2361455	18.842	ng/ul	100
16) Anthracene	17.481	178	508930	4.569	ng/ul	100
19) Fluoranthene	19.409	202	6055417	55.290	ng/ul	97
20) Pyrene	19.776	202	5006743	43.952	ng/ul	94
21) Benzo(a)anthracene	21.519	228	2420773	28.618	ng/ul	96
22) Chrysene	21.577	228	2495384	28.351	ng/ul	96
24) Benzo(b)fluoranthene	23.261	252	4960891	43.149	ng/ul	88
26) Benzo(a)pyrene	23.907	252	2534762	25.384	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.613	276	2029221	18.605	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.509	278	63292	0.767	ng/ul	94
29) Benzo(g,h,i)perylene	27.418	276	1807946	18.634	ng/ul#	92

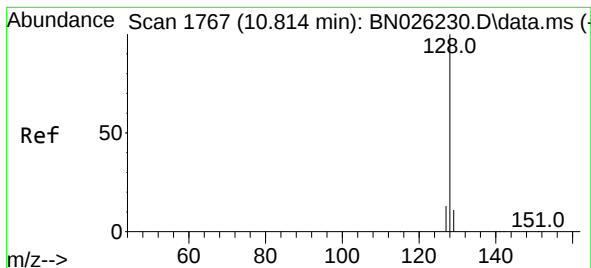
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 2.139 ng/ul

RT: 10.812 min Scan# 1767

Delta R.T. -0.002 min

Lab File: BN026233.D

Acq: 03 Jul 2023 19:58

Instrument :

BNA_N

ClientSampleId :

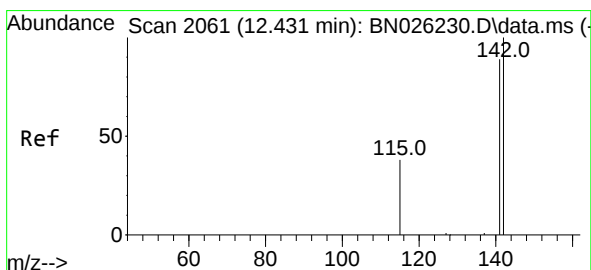
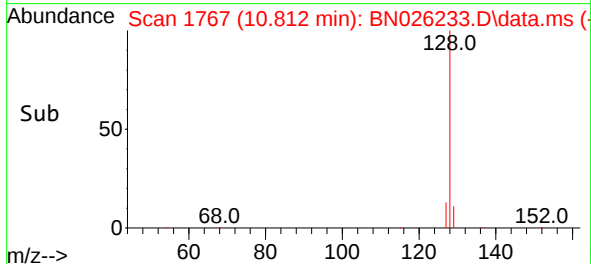
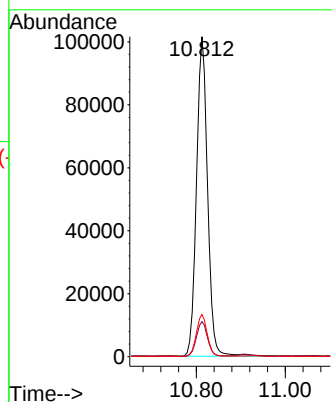
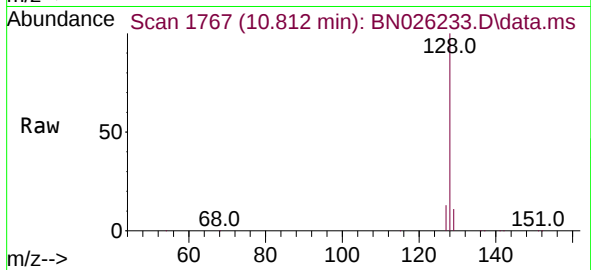
Tgt Ion:128 Resp: 175148

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

127 13.2 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.897 ng/ul

RT: 12.424 min Scan# 2060

Delta R.T. -0.007 min

Lab File: BN026233.D

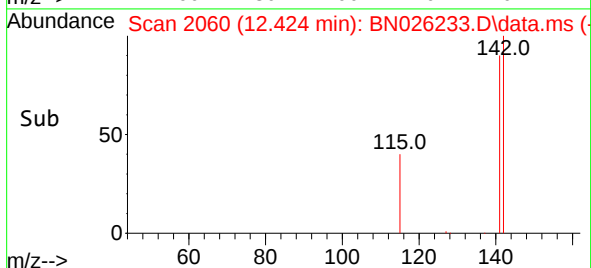
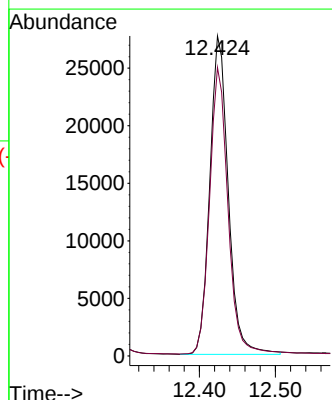
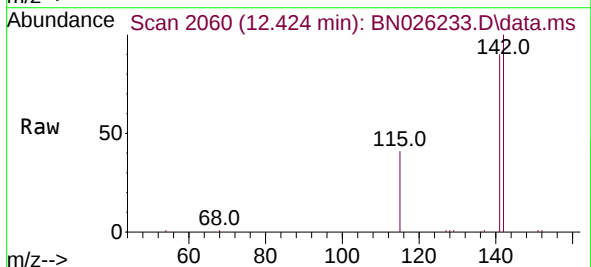
Acq: 03 Jul 2023 19:58

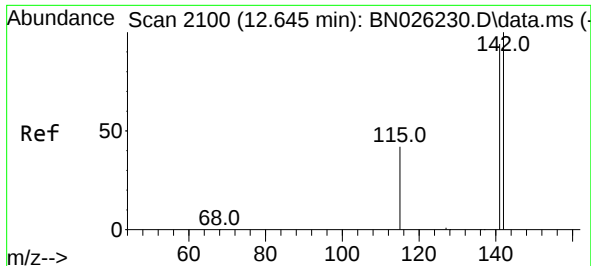
Tgt Ion:142 Resp: 46761

Ion Ratio Lower Upper

142 100

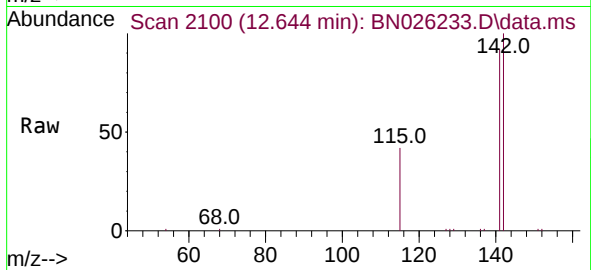
141 89.3 71.9 107.9



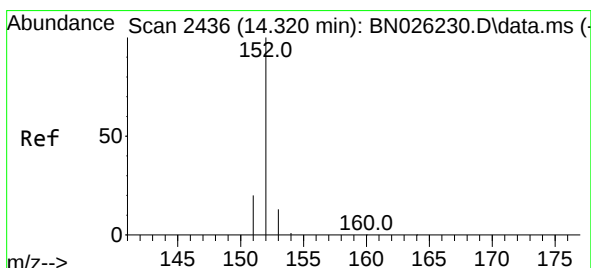
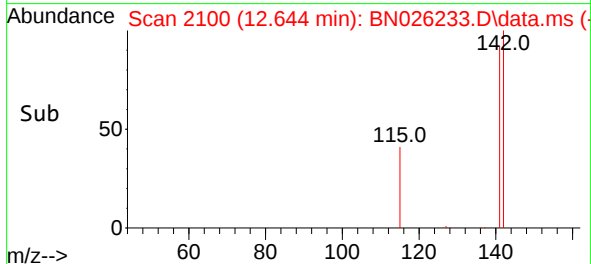
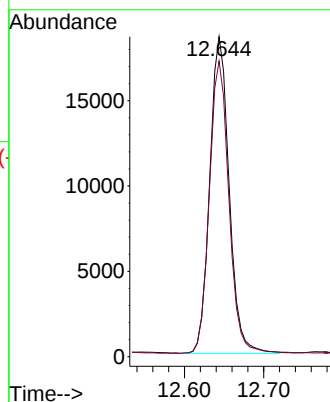


#8
1-Methylnaphthalene
Concen: 0.582 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.002 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

Instrument :
BNA_N
ClientSampleId :

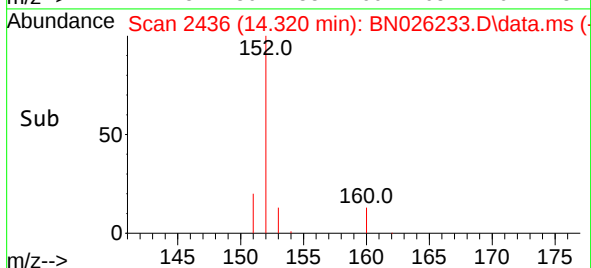
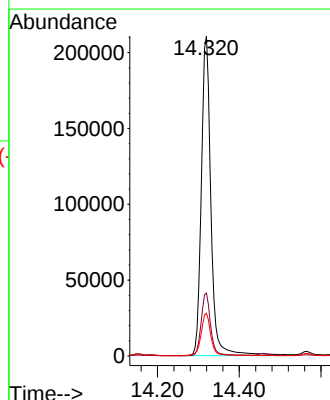
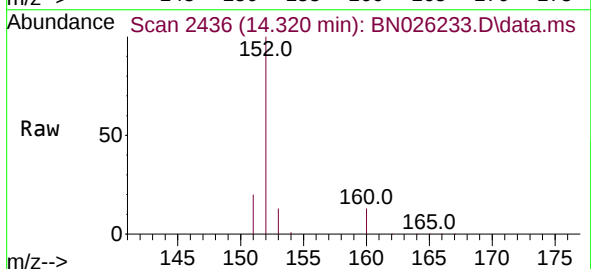


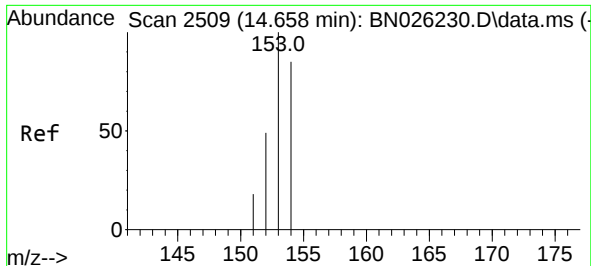
Tgt Ion:142 Resp: 31458
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4



#10
Acenaphthylene
Concen: 4.007 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.001 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

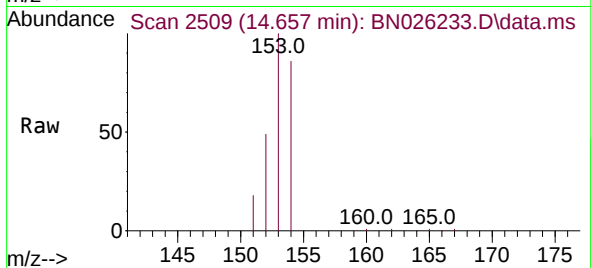
Tgt Ion:152 Resp: 343061
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.3 10.9 16.3



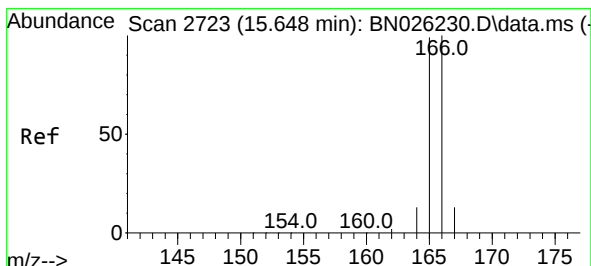
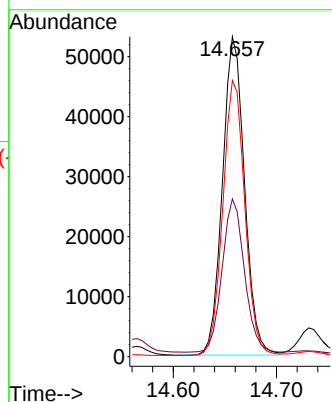
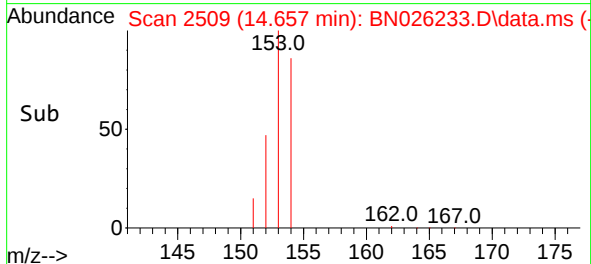


#11
Acenaphthene
Concen: 1.130 ng/ul
RT: 14.657 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

Instrument :
BNA_N
ClientSampleId :

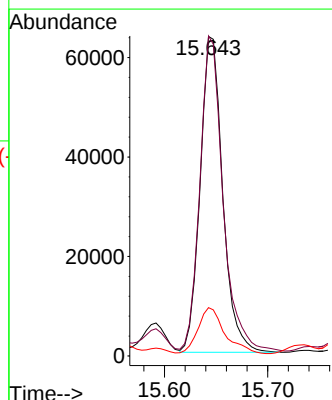
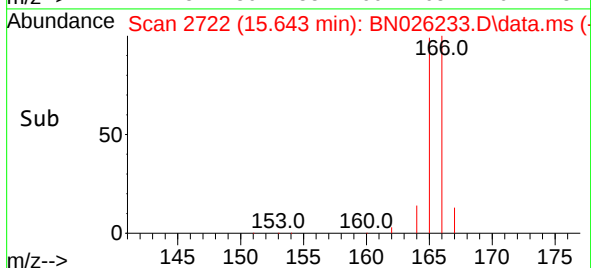
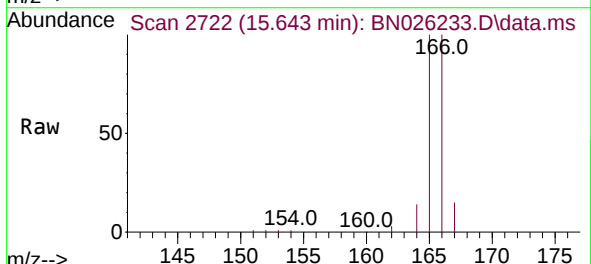


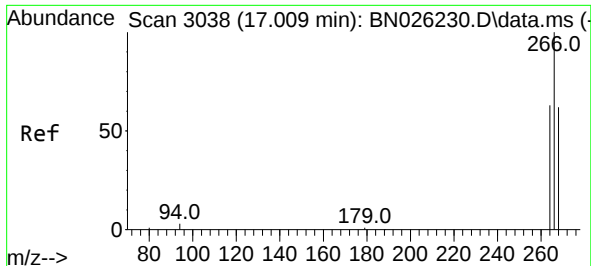
Tgt Ion:153 Resp: 79162
Ion Ratio Lower Upper
153 100
152 49.3 39.4 59.0
154 86.3 68.9 103.3



#12
Fluorene
Concen: 1.200 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

Tgt Ion:166 Resp: 96341
Ion Ratio Lower Upper
166 100
165 100.2 79.9 119.9
167 15.1 10.8 16.2

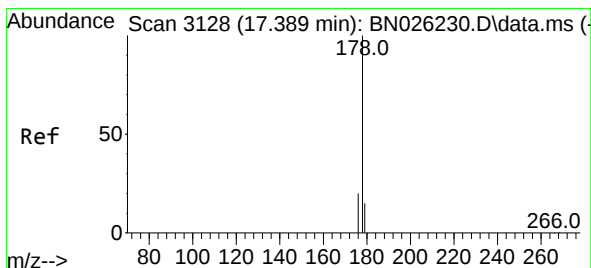
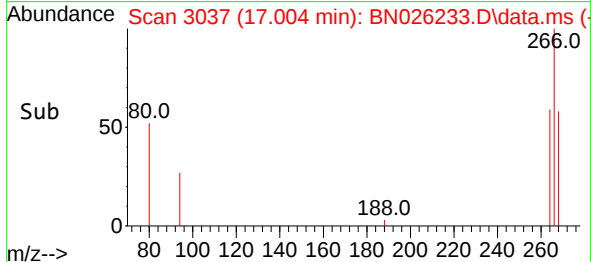
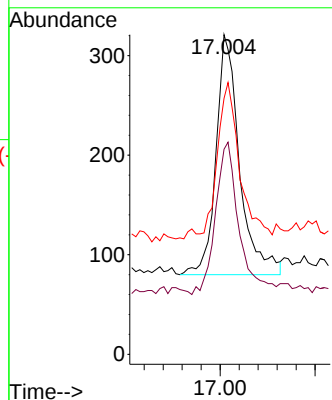
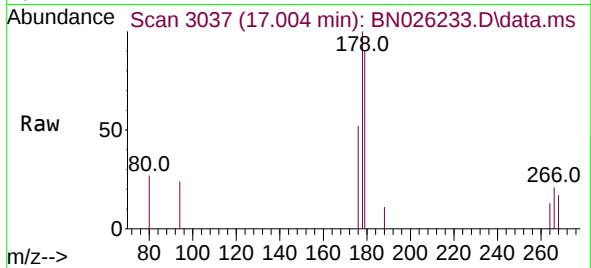




#14
Pentachlorophenol
Concen: 0.031 ng/u1
RT: 17.004 min Scan# 3038
Delta R.T. -0.005 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

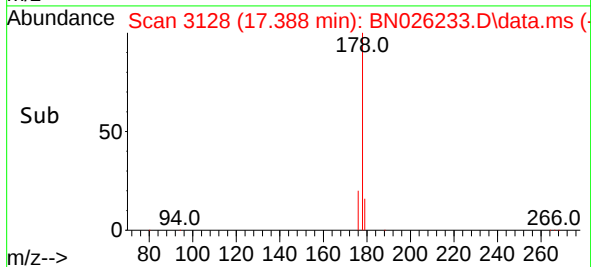
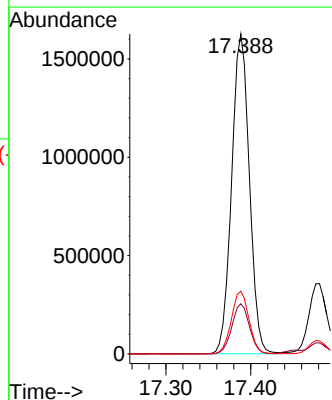
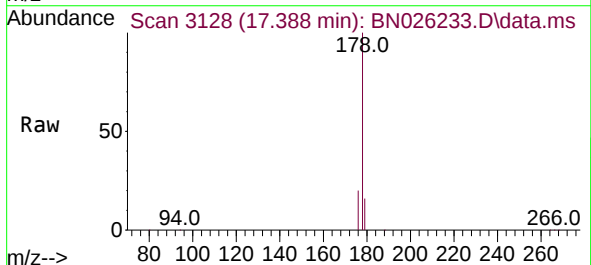
Instrument :
BNA_N
ClientSampleId :

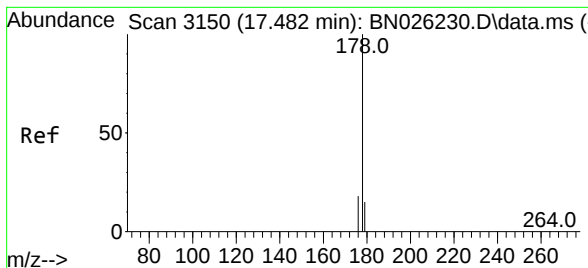
Tgt Ion:266 Resp: 416
Ion Ratio Lower Upper
266 100
264 63.5 50.5 75.7
268 58.4 51.6 77.4



#15
Phenanthrene
Concen: 18.842 ng/u1
RT: 17.388 min Scan# 3128
Delta R.T. -0.001 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

Tgt Ion:178 Resp: 2361455
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.6 15.8 23.6





#16

Anthracene

Concen: 4.569 ng/ul

RT: 17.481 min Scan# 3150

Delta R.T. -0.001 min

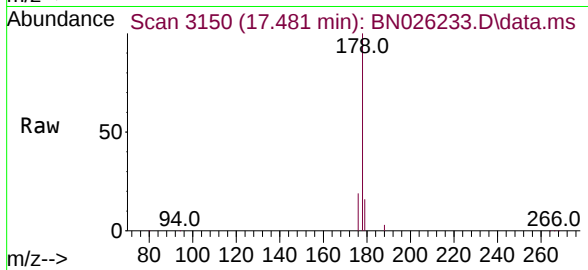
Lab File: BN026233.D

Acq: 03 Jul 2023 19:58

Instrument :

BNA_N

ClientSampleId :



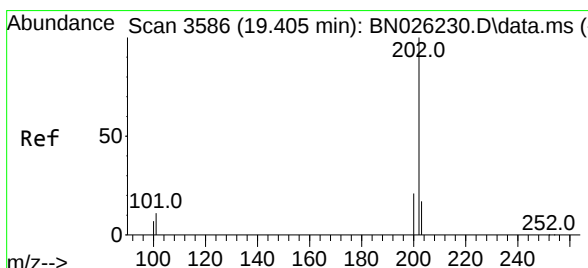
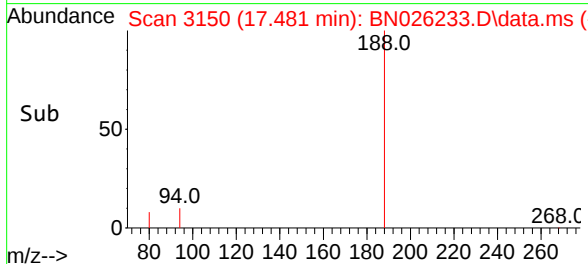
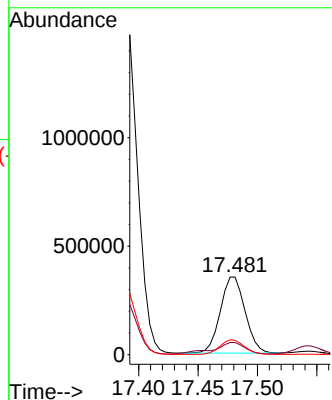
Tgt Ion:178 Resp: 508930

Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 18.7 15.1 22.7



#19

Fluoranthene

Concen: 55.290 ng/ul

RT: 19.409 min Scan# 3587

Delta R.T. 0.003 min

Lab File: BN026233.D

Acq: 03 Jul 2023 19:58

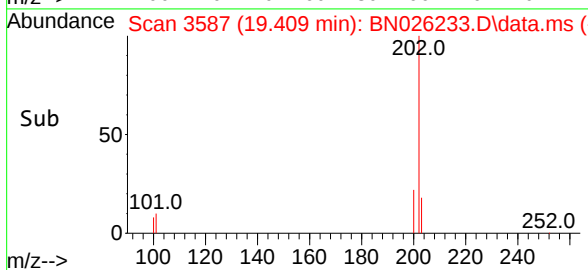
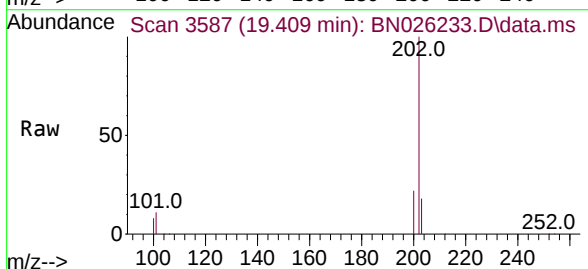
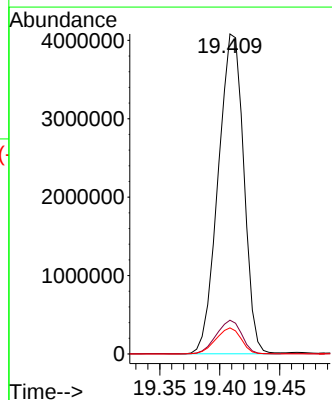
Tgt Ion:202 Resp: 6055417

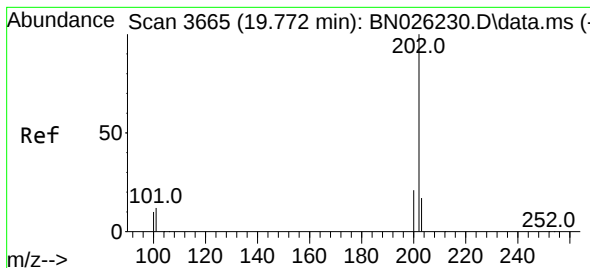
Ion Ratio Lower Upper

202 100

101 10.5 9.5 14.3

100 8.1 7.3 10.9





#20

Pyrene

Concen: 43.952 ng/ul

RT: 19.776 min Scan# 3

Delta R.T. 0.003 min

Lab File: BN026233.D

Acq: 03 Jul 2023 19:58

Instrument :

BNA_N

ClientSampleId :

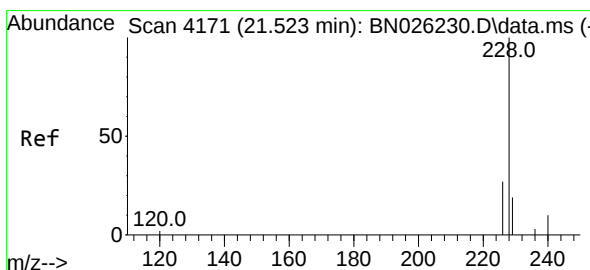
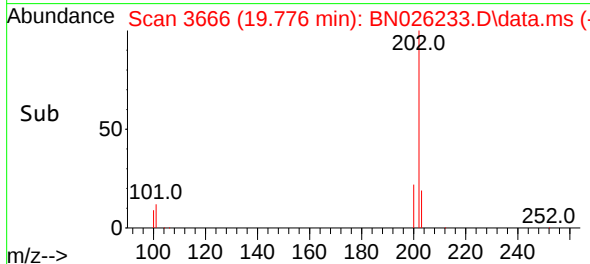
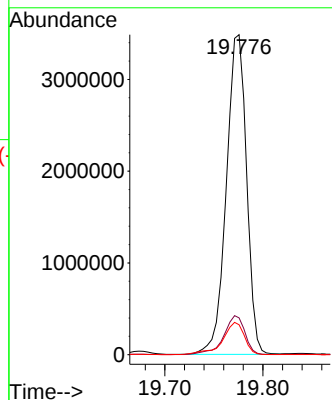
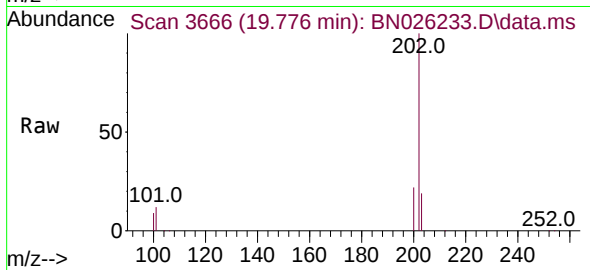
Tgt Ion:202 Resp: 5006743

Ion Ratio Lower Upper

202 100

101 11.5 11.4 17.0

100 9.4 9.1 13.7



#21

Benzo(a)anthracene

Concen: 28.618 ng/ul

RT: 21.519 min Scan# 4170

Delta R.T. -0.004 min

Lab File: BN026233.D

Acq: 03 Jul 2023 19:58

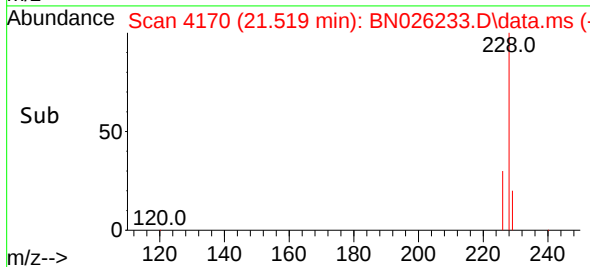
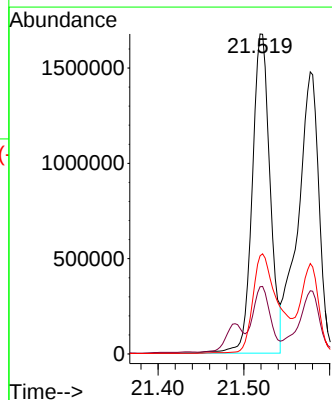
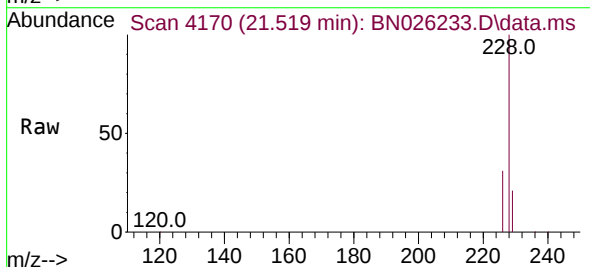
Tgt Ion:228 Resp: 2420773

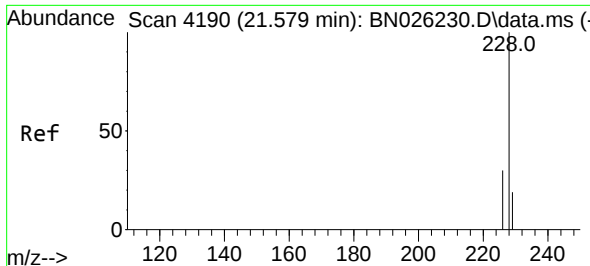
Ion Ratio Lower Upper

228 100

229 21.0 15.8 23.6

226 30.7 22.5 33.7





#22

Chrysene

Concen: 28.351 ng/ul

RT: 21.577 min Scan# 4190

Delta R.T. -0.001 min

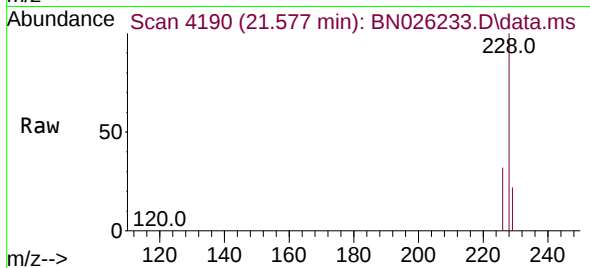
Lab File: BN026233.D

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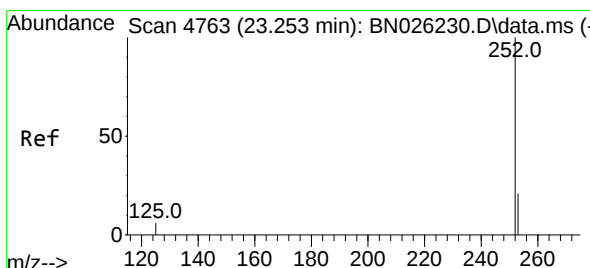
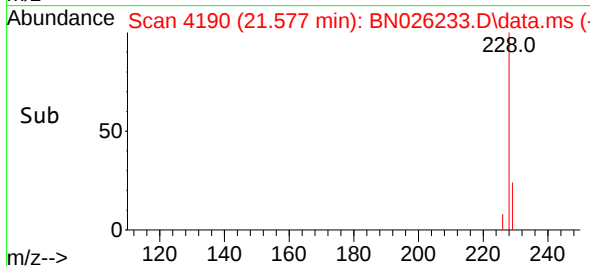
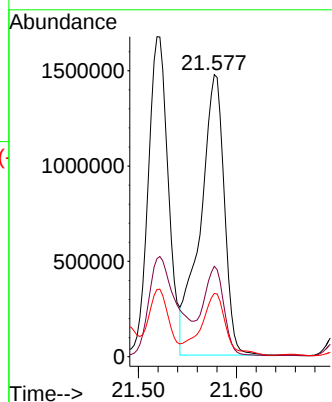
Tgt Ion:228 Resp: 2495384

Ion Ratio Lower Upper

228 100

226 32.0 24.8 37.2

229 22.4 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 43.149 ng/ul

RT: 23.261 min Scan# 4766

Delta R.T. 0.008 min

Lab File: BN026233.D

Acq: 03 Jul 2023 19:58

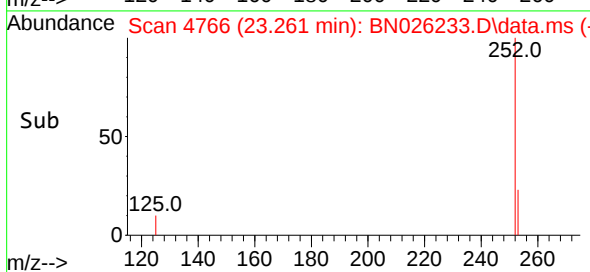
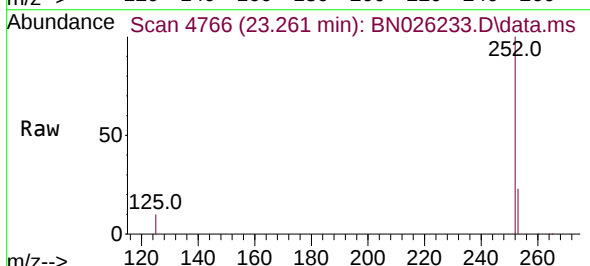
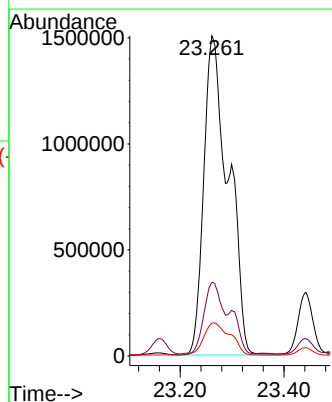
Tgt Ion:252 Resp: 4960891

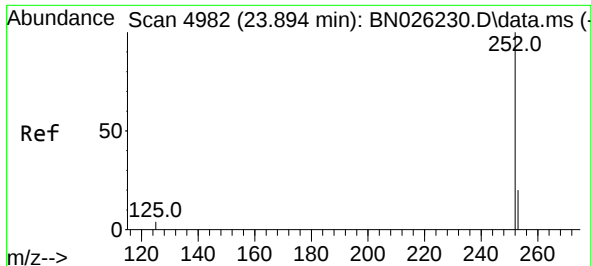
Ion Ratio Lower Upper

252 100

253 23.0 0.0 55.6

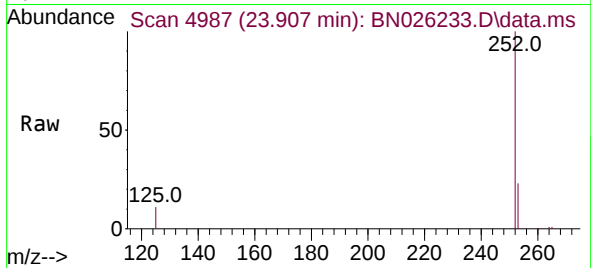
125 10.3 0.0 35.8



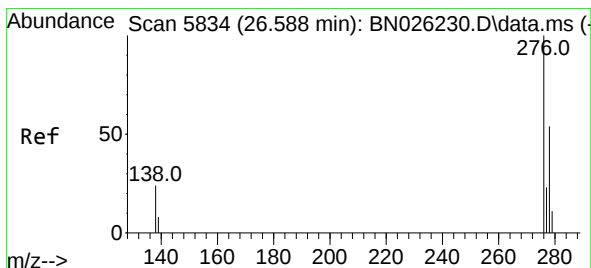
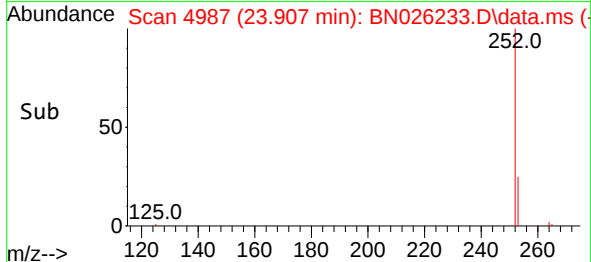
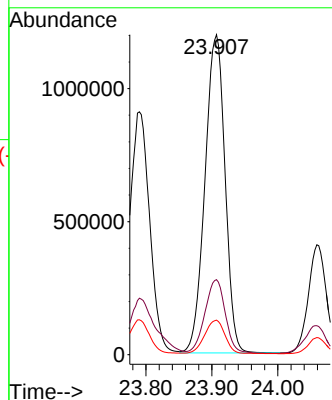


#26
Benzo(a)pyrene
Concen: 25.384 ng/ul
RT: 23.907 min Scan# 4987
Delta R.T. 0.013 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

Instrument :
BNA_N
ClientSampleId :

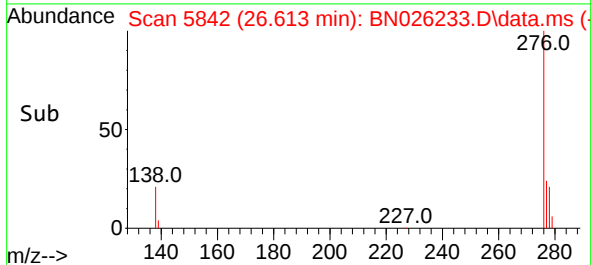
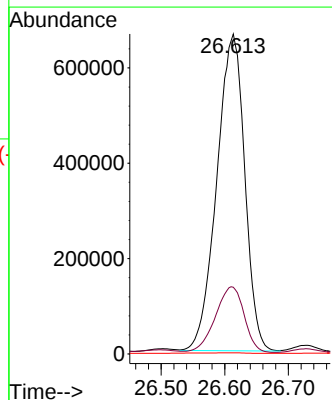
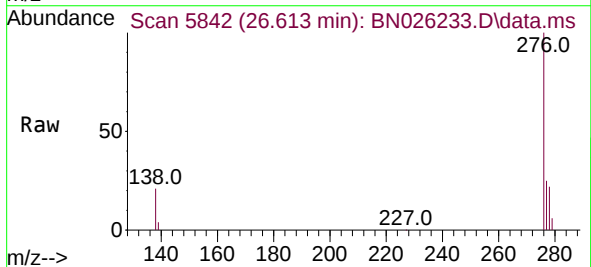


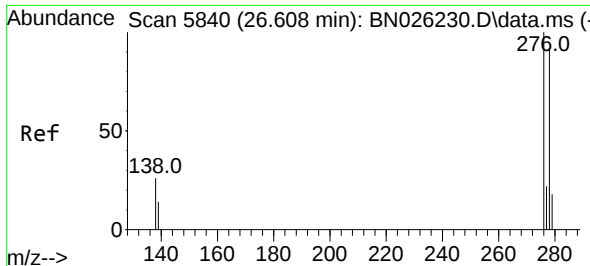
Tgt Ion:252 Resp: 2534762
Ion Ratio Lower Upper
252 100
253 23.5 26.0 39.0#
125 10.8 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 18.605 ng/ul
RT: 26.613 min Scan# 5842
Delta R.T. 0.026 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

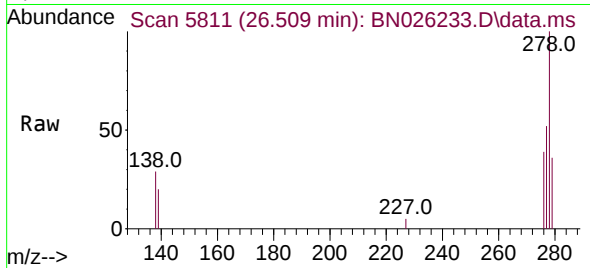
Tgt Ion:276 Resp: 2029221
Ion Ratio Lower Upper
276 100
138 21.4 24.5 36.7#
227 0.3 0.0 0.0#



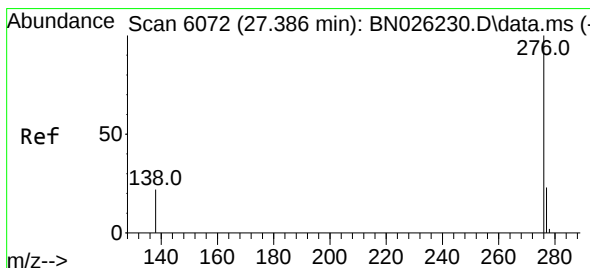
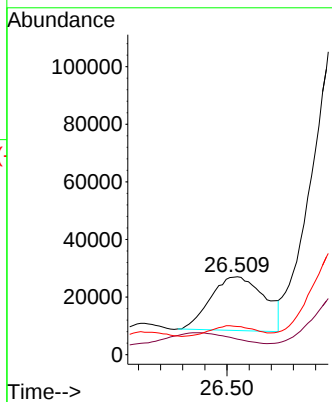
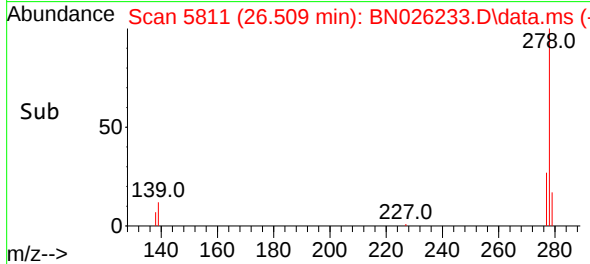


#28
Dibenzo(a,h)anthracene
Concen: 0.767 ng/ul
RT: 26.509 min Scan# 5811
Delta R.T. -0.099 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 63292
Ion Ratio Lower Upper
278 100
139 20.0 19.0 28.4
279 36.3 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 18.634 ng/ul
RT: 27.418 min Scan# 6082
Delta R.T. 0.032 min
Lab File: BN026233.D
Acq: 03 Jul 2023 19:58

Tgt Ion:276 Resp: 1807946
Ion Ratio Lower Upper
276 100
138 21.7 23.4 35.0#
277 24.1 20.0 30.0

