

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026230.D
 Acq On : 03 Jul 2023 17:28
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 23:23:14 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

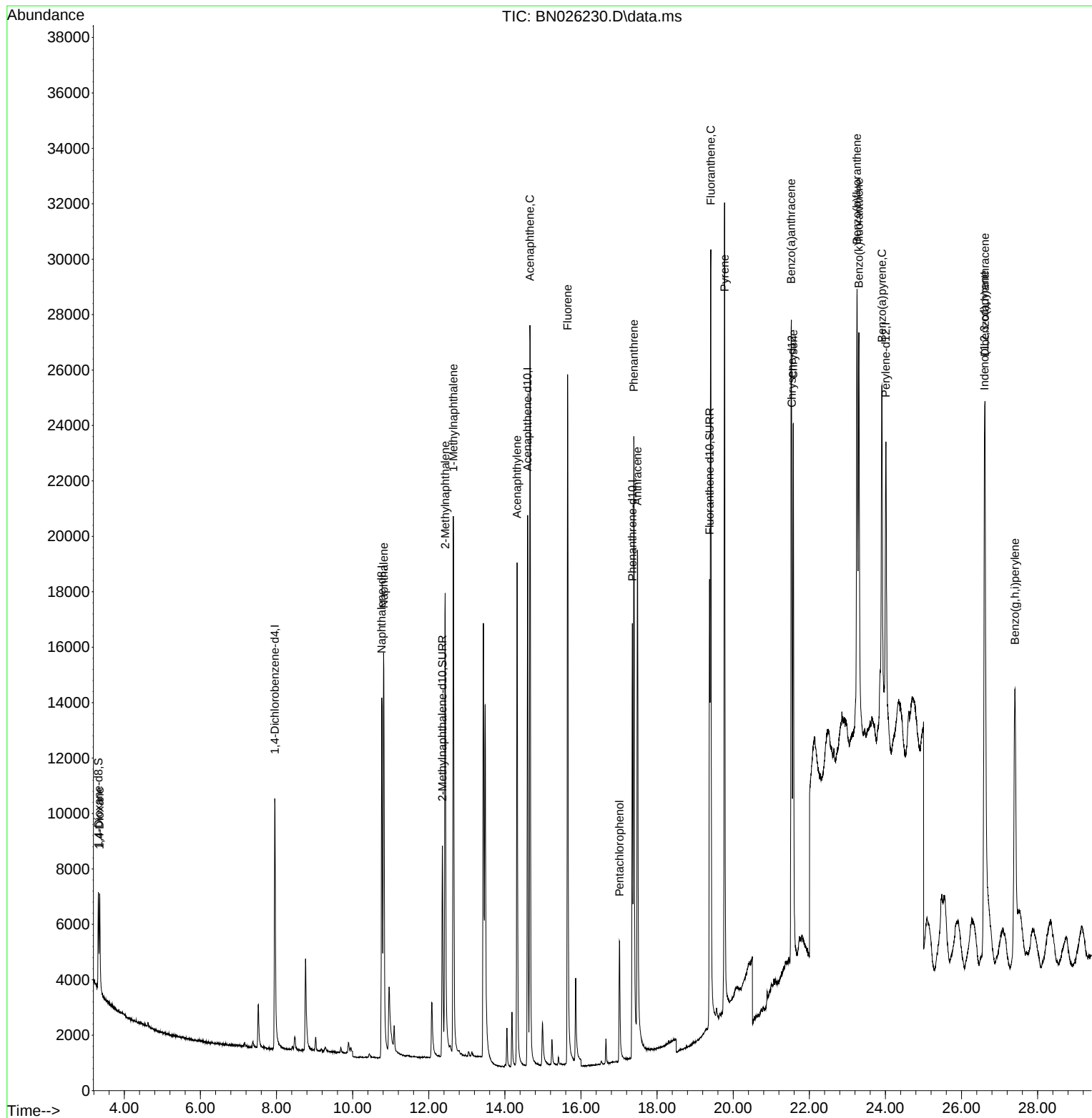
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	6304	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	21093	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.599	164	11899	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	21959	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	12436	0.400	ng/ul	# 0.00
23) Perylene-d12	24.011	264	13920	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	2446	0.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	12220	0.377	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	20327	0.429	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	2669	0.354	ng/ul#	87
5) Naphthalene	10.814	128	23030	0.381	ng/ul	100
7) 2-Methylnaphthalene	12.431	142	14292	0.371	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	15052	0.377	ng/ul	100
10) Acenaphthylene	14.321	152	24263	0.435	ng/ul	100
11) Acenaphthene	14.659	153	17523	0.384	ng/ul	98
12) Fluorene	15.649	166	19177	0.367	ng/ul	99
14) Pentachlorophenol	17.010	266	3797	0.482	ng/ul	100
15) Phenanthrene	17.390	178	27250	0.376	ng/ul	99
16) Anthracene	17.483	178	25681	0.398	ng/ul	98
19) Fluoranthene	19.411	202	27981	0.421	ng/ul	99
20) Pyrene	19.773	202	28663	0.415	ng/ul	98
21) Benzo(a)anthracene	21.524	228	20487	0.399	ng/ul#	92
22) Chrysene	21.579	228	20510	0.384	ng/ul#	93
24) Benzo(b)fluoranthene	23.254	252	21880	0.368	ng/ul	81
25) Benzo(k)fluoranthene	23.301	252	22378	0.375	ng/ul#	80
26) Benzo(a)pyrene	23.909	252	19879	0.385	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.602	276	27809	0.493	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.615	278	21199	0.497	ng/ul#	91
29) Benzo(g,h,i)perylene	27.403	276	23786	0.474	ng/ul#	92

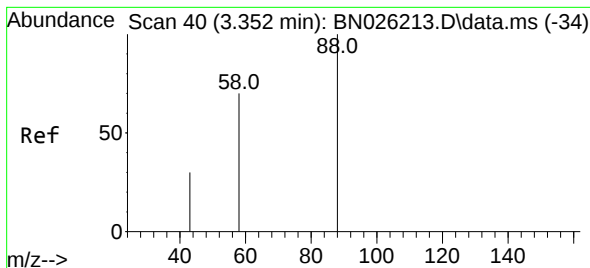
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.354 ng/ul

RT: 3.352 min Scan# 40

Delta R.T. -0.008 min

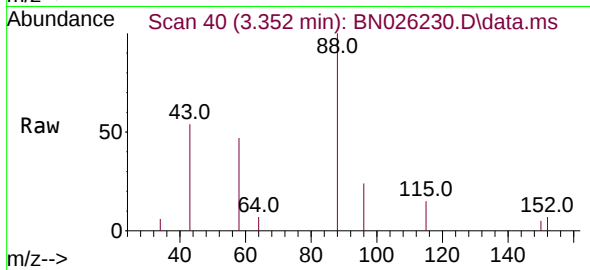
Lab File: BN026230.D

Acq: 03 Jul 2023 17:28

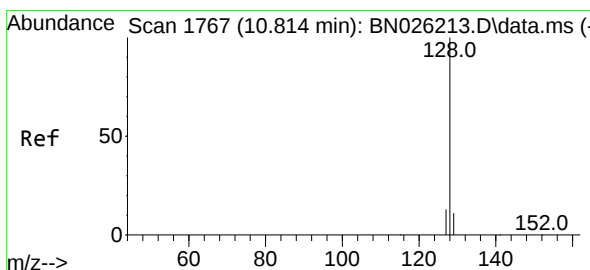
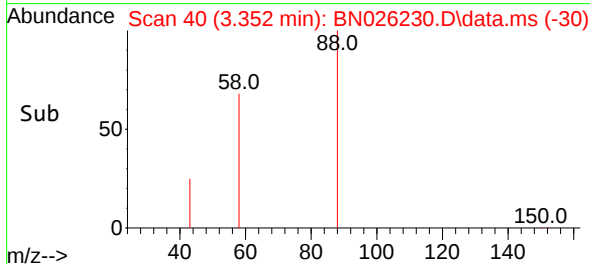
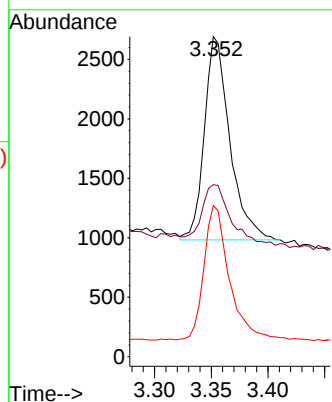
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	88	Resp:	2669
Ion	Ratio	Lower	Upper
88	100		
43	53.7	29.5	44.3
58	47.2	37.4	56.2



#5

Naphthalene

Concen: 0.381 ng/ul

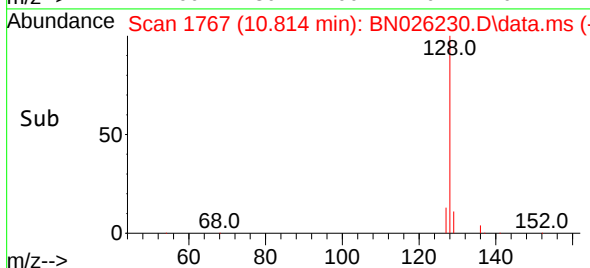
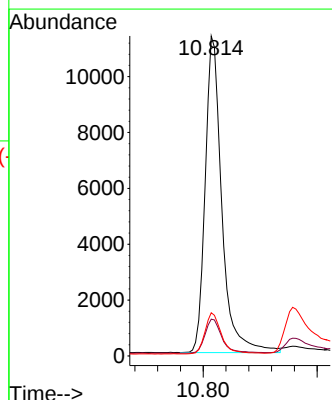
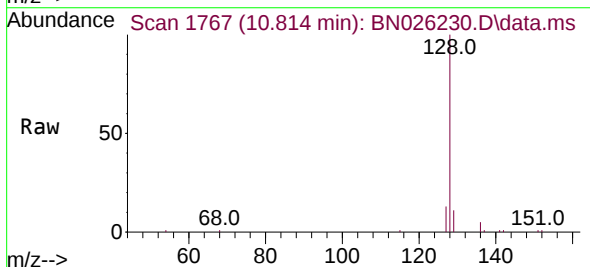
RT: 10.814 min Scan# 1767

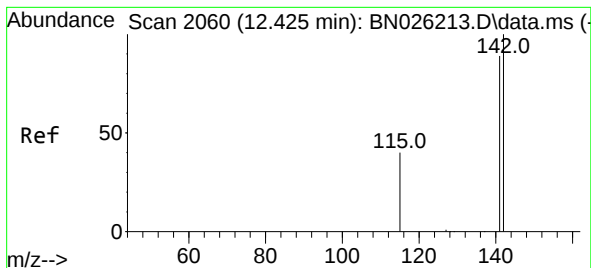
Delta R.T. -0.011 min

Lab File: BN026230.D

Acq: 03 Jul 2023 17:28

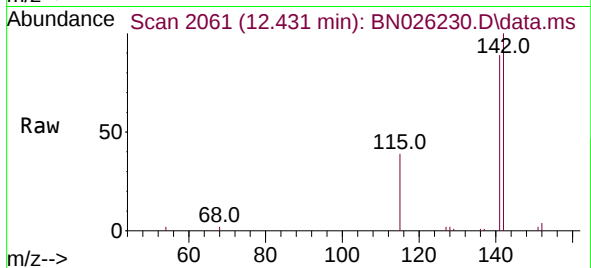
Tgt Ion:	128	Resp:	23030
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.5	10.7	16.1



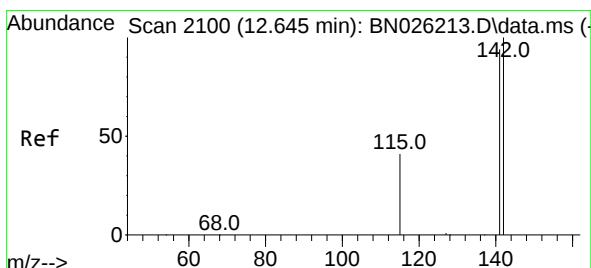
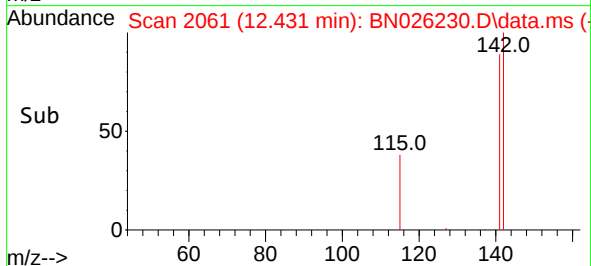
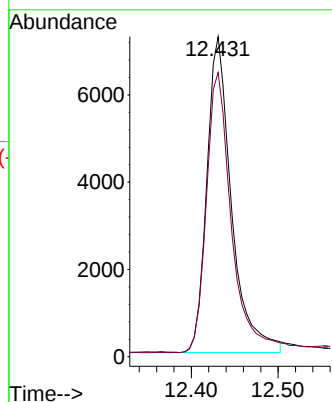


#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

Instrument :
BNA_N
ClientSampleId :

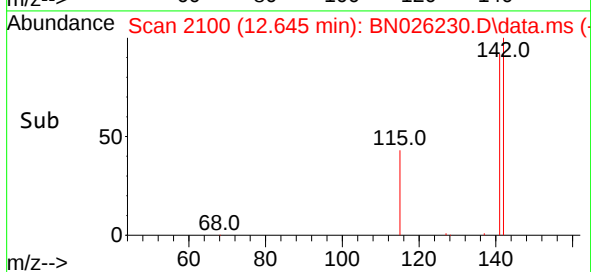
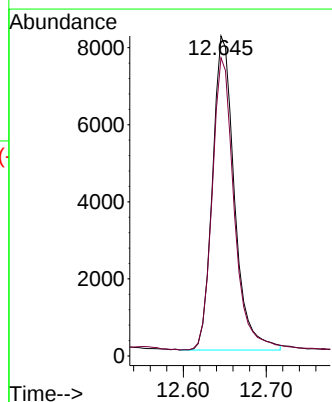
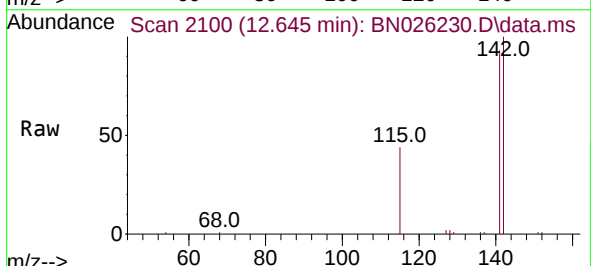


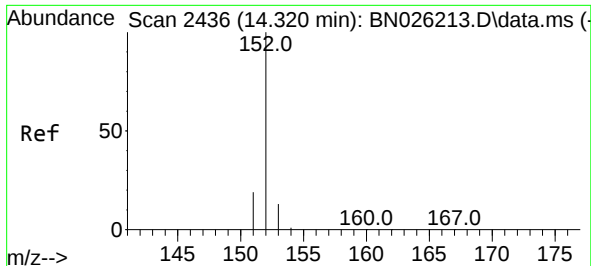
Tgt Ion:142 Resp: 14292
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

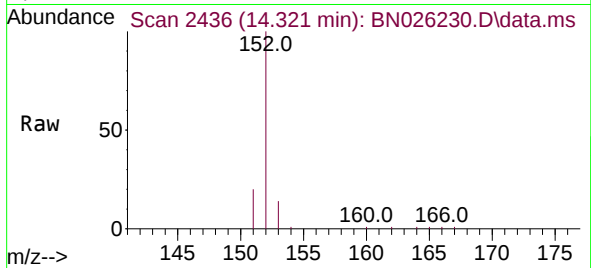
Tgt Ion:142 Resp: 15052
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4



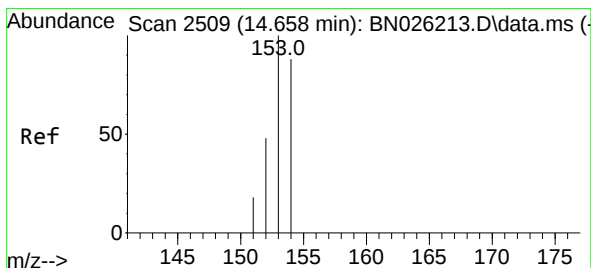
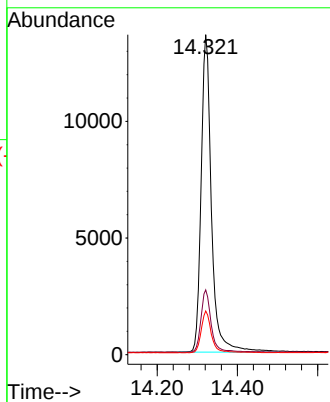
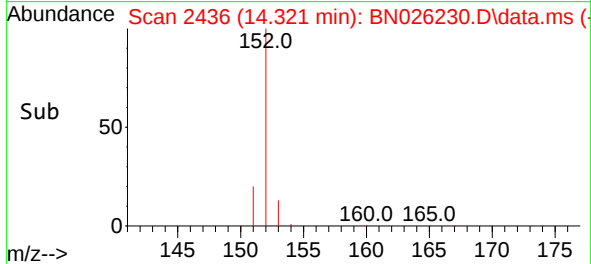


#10
Acenaphthylene
Concen: 0.435 ng/ul
RT: 14.321 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

Instrument :
BNA_N
ClientSampleId :

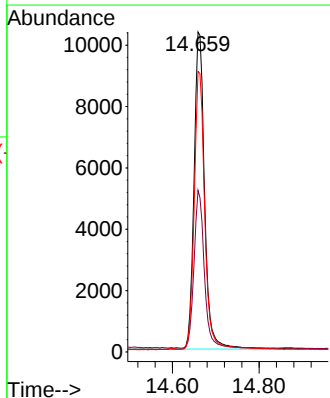
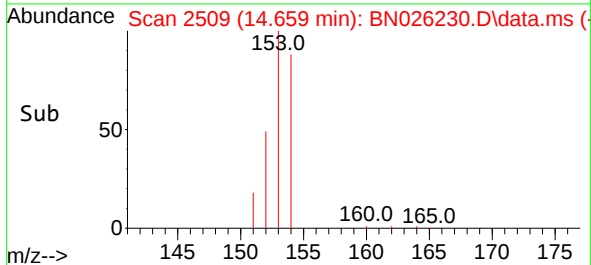
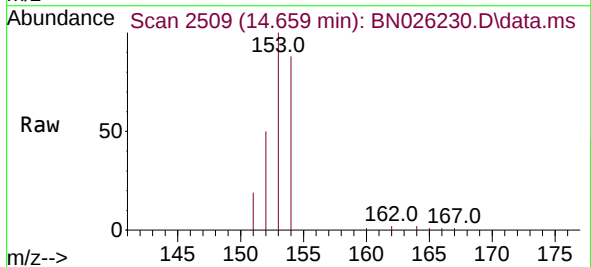


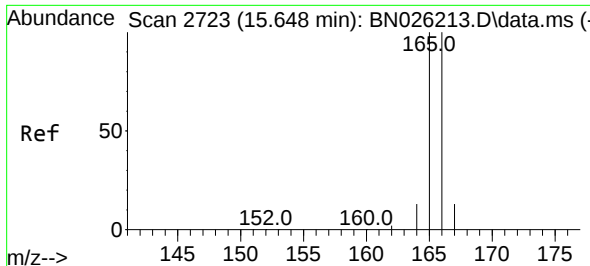
Tgt Ion:	152	Resp:	24263
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	13.6	10.9	16.3



#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.659 min Scan# 2509
Delta R.T. -0.009 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

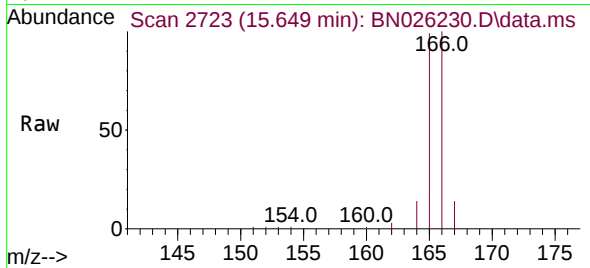
Tgt Ion:	153	Resp:	17523
Ion Ratio	Lower	Upper	
153	100		
152	50.5	39.4	59.0
154	87.7	68.9	103.3



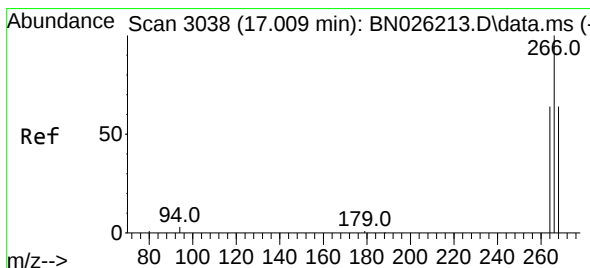
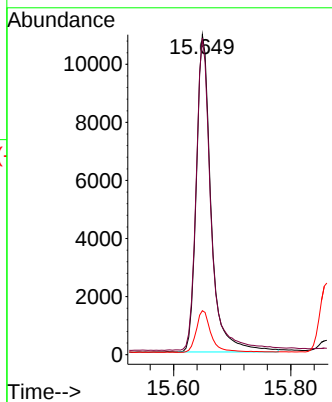
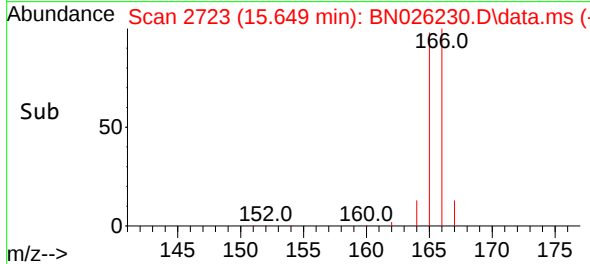


#12
Fluorene
Concen: 0.367 ng/ul
RT: 15.649 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

Instrument :
BNA_N
ClientSampleId :

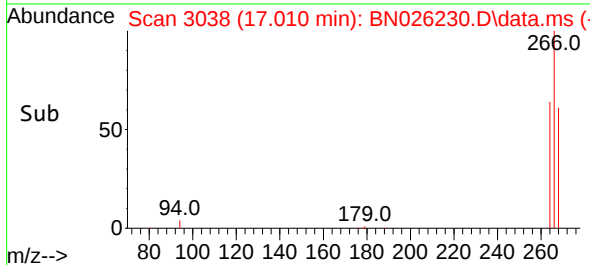
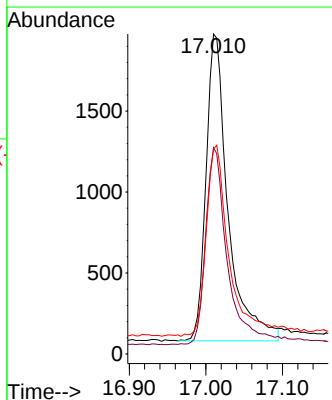
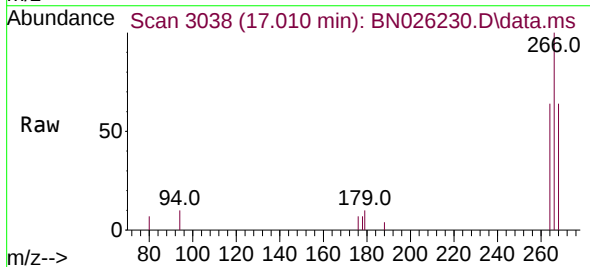


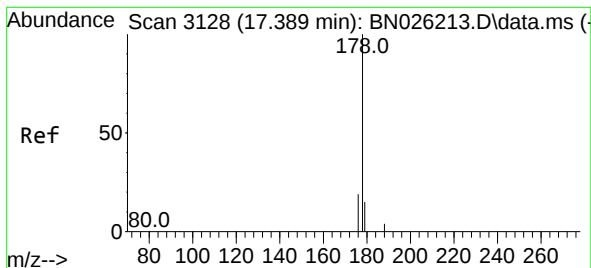
Tgt Ion:166 Resp: 19177
Ion Ratio Lower Upper
166 100
165 99.0 79.9 119.9
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.482 ng/ul
RT: 17.010 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

Tgt Ion:266 Resp: 3797
Ion Ratio Lower Upper
266 100
264 63.3 50.5 75.7
268 64.2 51.6 77.4





#15

Phenanthrene

Concen: 0.376 ng/ul

RT: 17.390 min Scan# 3128

Delta R.T. -0.004 min

Lab File: BN026230.D

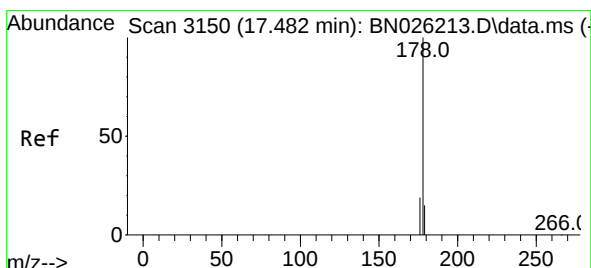
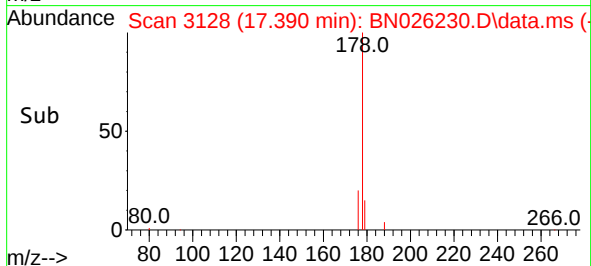
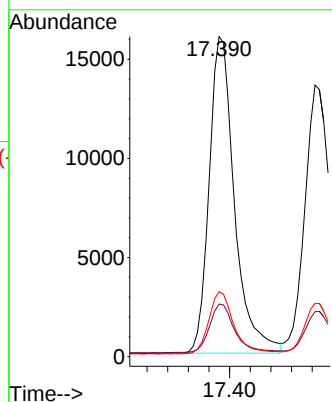
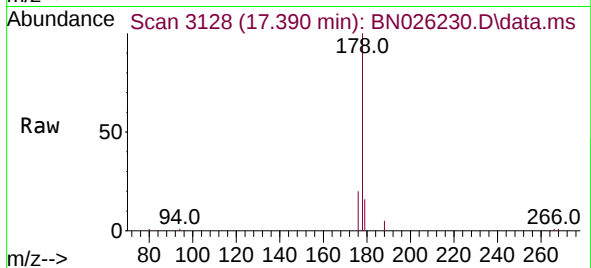
Acq: 03 Jul 2023 17:28

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:178	Resp:	27250
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.6 19.0
176	20.4	15.8 23.6



#16

Anthracene

Concen: 0.398 ng/ul

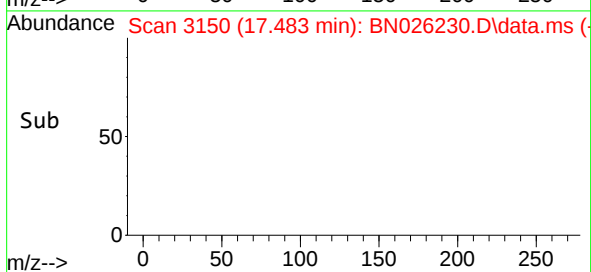
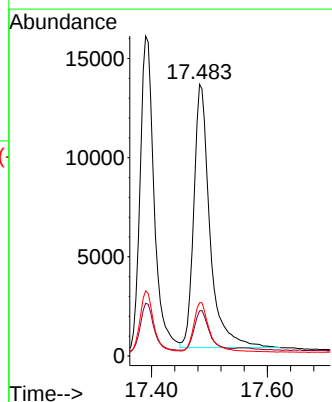
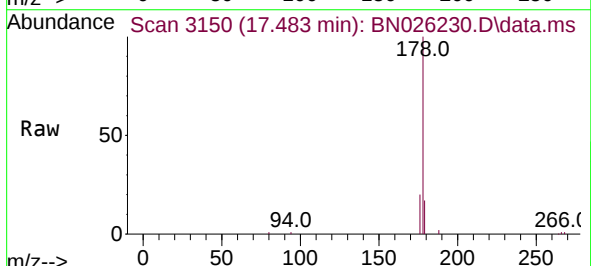
RT: 17.483 min Scan# 3150

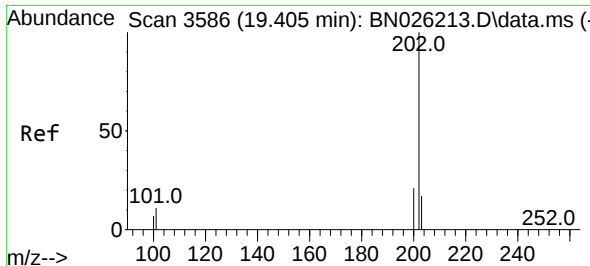
Delta R.T. -0.004 min

Lab File: BN026230.D

Acq: 03 Jul 2023 17:28

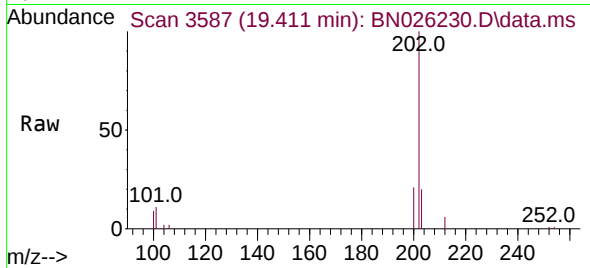
Tgt Ion:178	Resp:	25681
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.6 18.8
176	19.6	15.1 22.7



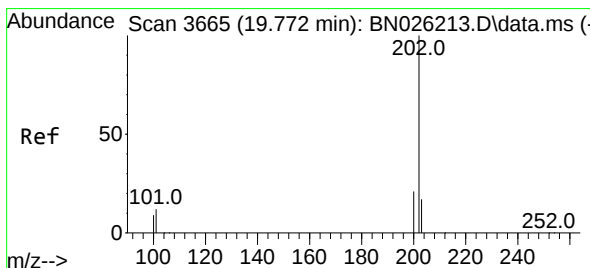
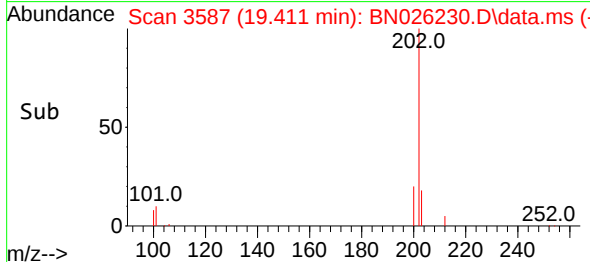
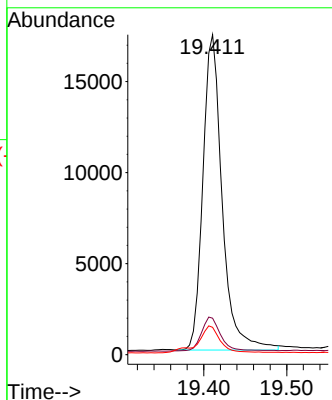


#19
Fluoranthene
Concen: 0.421 ng/ul
RT: 19.411 min Scan# 3587
Delta R.T. 0.000 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

Instrument :
BNA_N
ClientSampleId :

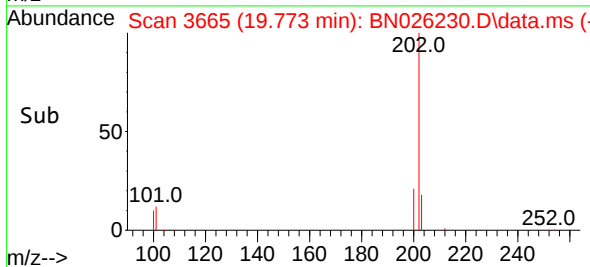
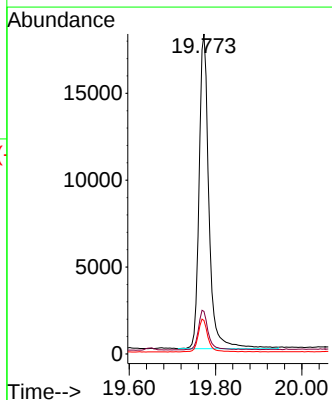
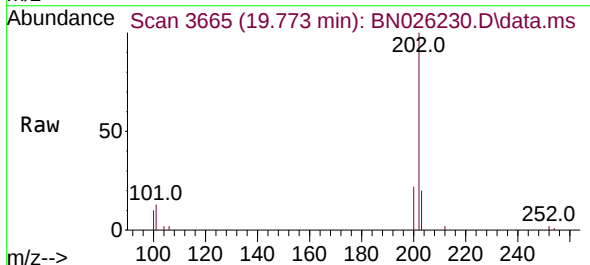


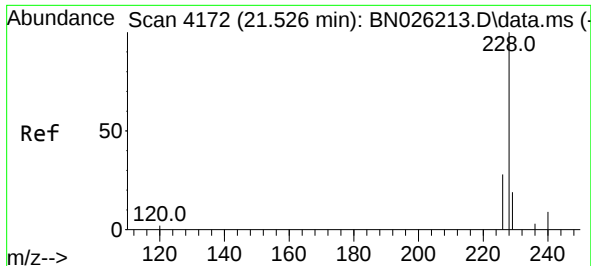
Tgt Ion:202 Resp: 27981
Ion Ratio Lower Upper
202 100
101 11.4 9.5 14.3
100 8.6 7.3 10.9



#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.773 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

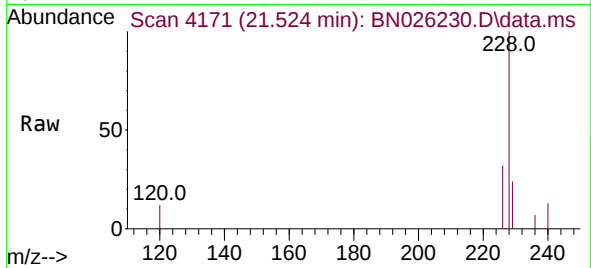
Tgt Ion:202 Resp: 28663
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.5 9.1 13.7



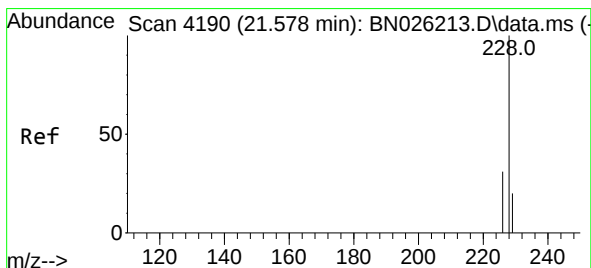
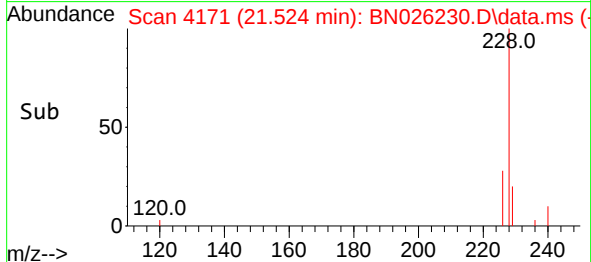
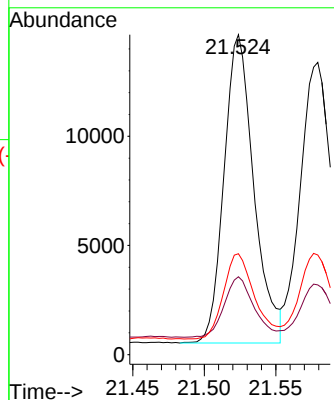


#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

Instrument :
BNA_N
ClientSampleId :

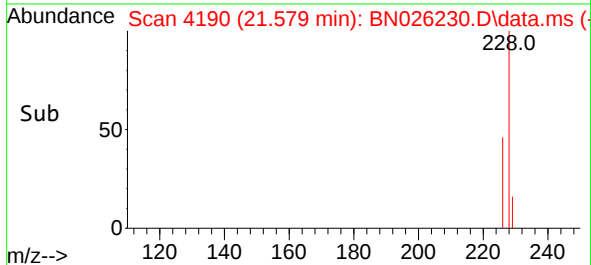
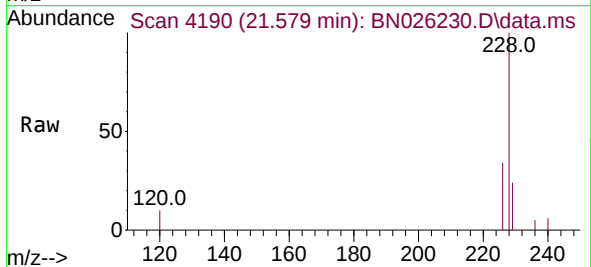
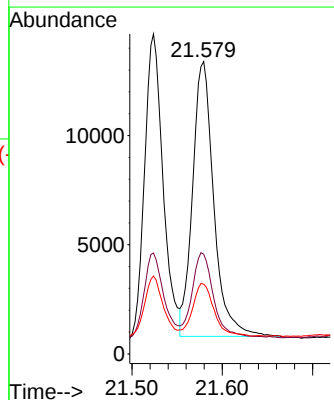


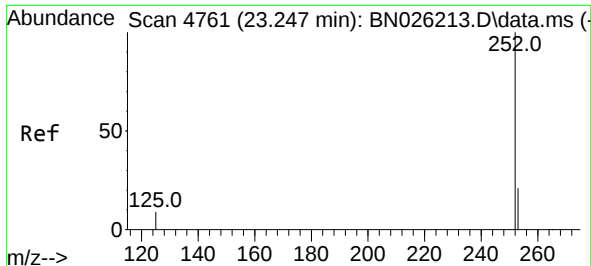
Tgt Ion:228 Resp: 20487
Ion Ratio Lower Upper
228 100
229 24.3 15.8 23.6#
226 31.5 22.5 33.7



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

Tgt Ion:228 Resp: 20510
Ion Ratio Lower Upper
228 100
226 34.1 24.8 37.2
229 23.9 15.7 23.5#

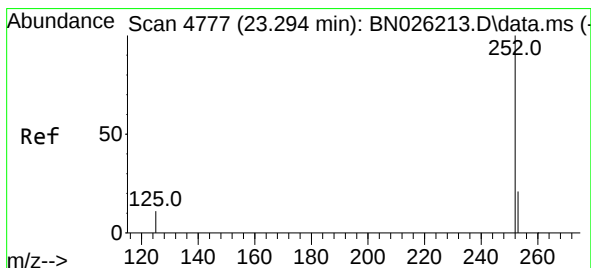
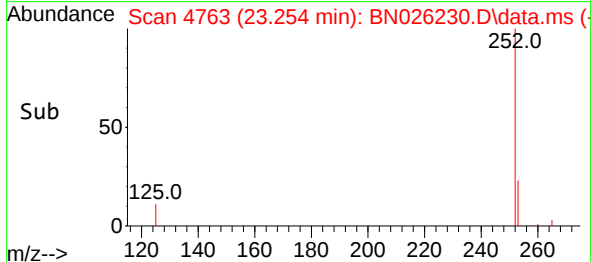
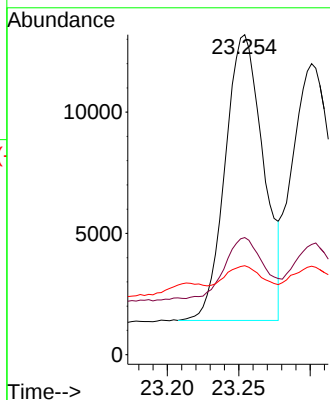
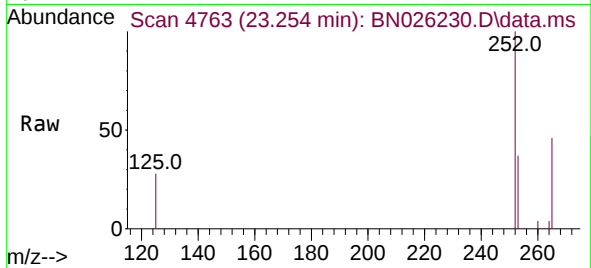




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 23.254 min Scan# 4763
Delta R.T. 0.012 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

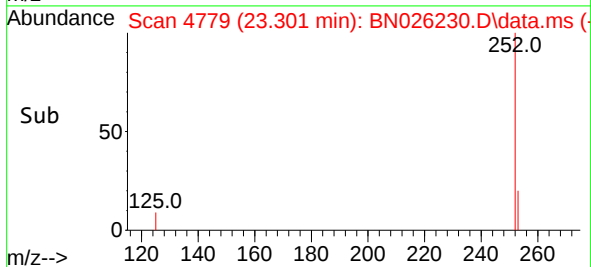
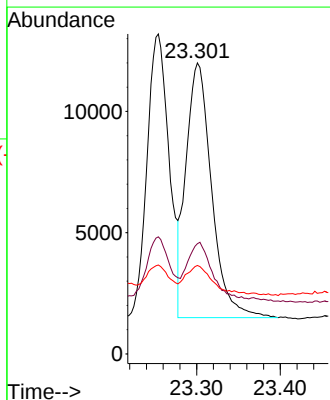
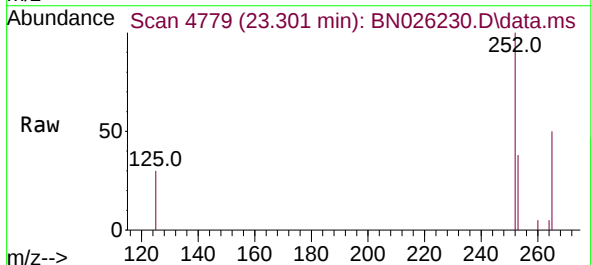
Instrument :
BNA_N
ClientSampleId :

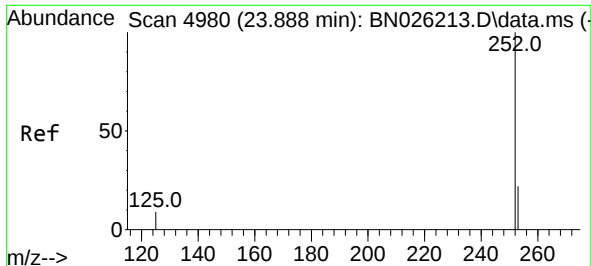
Tgt Ion:252 Resp: 21880
Ion Ratio Lower Upper
252 100
253 36.6 0.0 55.6
125 27.8 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 23.301 min Scan# 4779
Delta R.T. 0.009 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

Tgt Ion:252 Resp: 22378
Ion Ratio Lower Upper
252 100
253 37.9 23.2 34.8#
125 30.4 15.0 22.4#

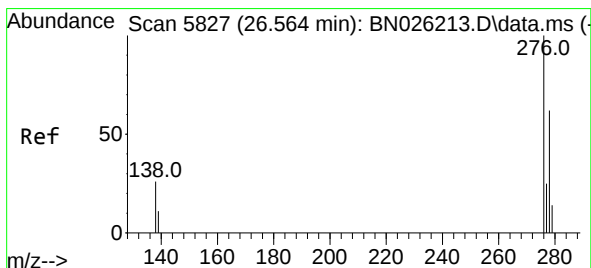
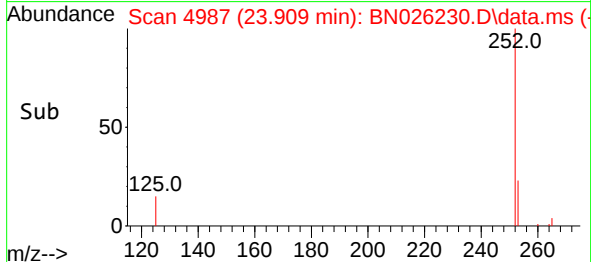
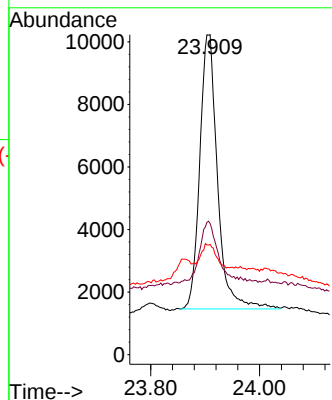
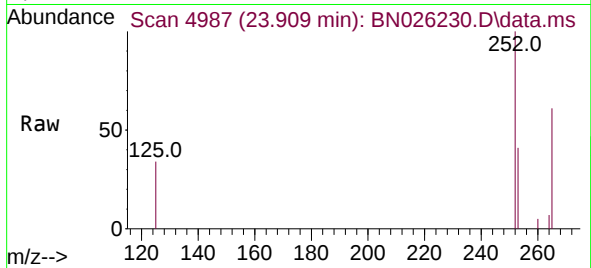




#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.909 min Scan# 4980
Delta R.T. 0.023 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

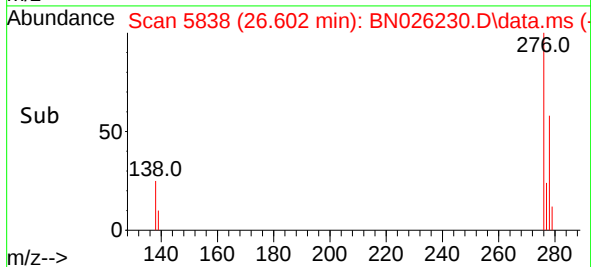
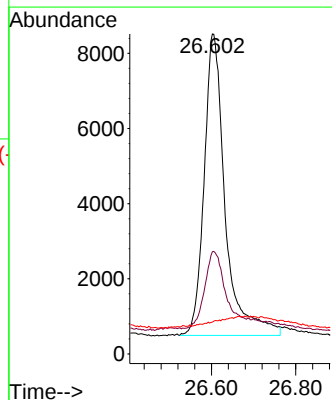
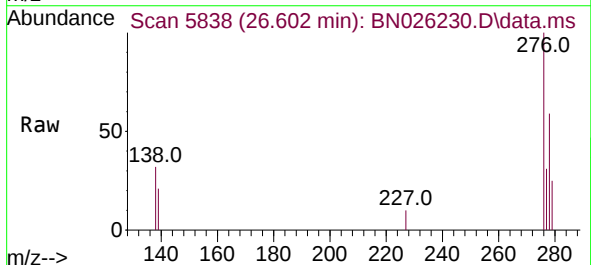
Instrument :
BNA_N
ClientSampleId :

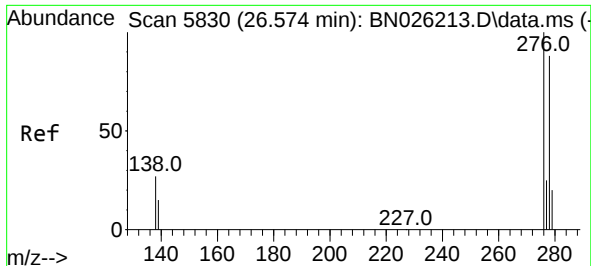
Tgt Ion:252 Resp: 19879
Ion Ratio Lower Upper
252 100
253 41.0 26.0 39.0#
125 34.5 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.493 ng/ul
RT: 26.602 min Scan# 5838
Delta R.T. 0.044 min
Lab File: BN026230.D
Acq: 03 Jul 2023 17:28

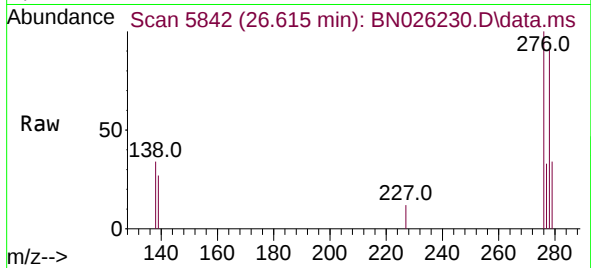
Tgt Ion:276 Resp: 27809
Ion Ratio Lower Upper
276 100
138 28.6 24.5 36.7
227 0.0 0.0 0.0



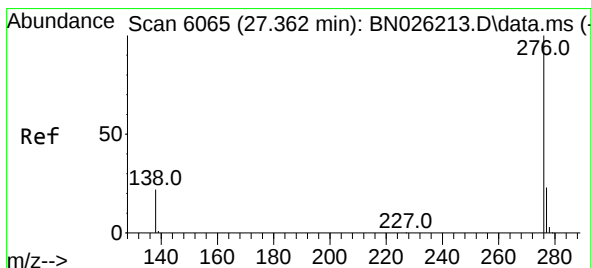
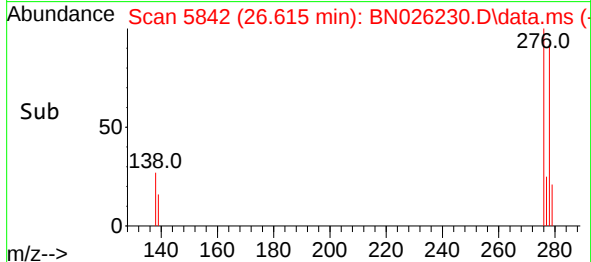
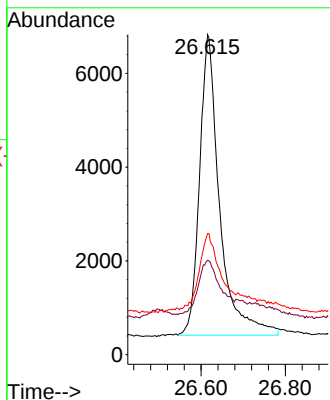


#28
 Dibenzo(a,h)anthracene
 Concen: 0.497 ng/ul
 RT: 26.615 min Scan# 5842
 Delta R.T. 0.037 min
 Lab File: BN026230.D
 Acq: 03 Jul 2023 17:28

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 21199
 Ion Ratio Lower Upper
 278 100
 139 29.5 19.0 28.4#
 279 37.8 26.7 40.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.474 ng/ul
 RT: 27.403 min Scan# 6077
 Delta R.T. 0.057 min
 Lab File: BN026230.D
 Acq: 03 Jul 2023 17:28

Tgt Ion:276 Resp: 23786
 Ion Ratio Lower Upper
 276 100
 138 30.8 23.4 35.0
 277 32.2 20.0 30.0#

