

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026222.D
 Acq On : 03 Jul 2023 12:29
 Operator : MA/JU
 Sample : 03246-05
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGJ2

Quant Time: Jul 03 23:21:22 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)

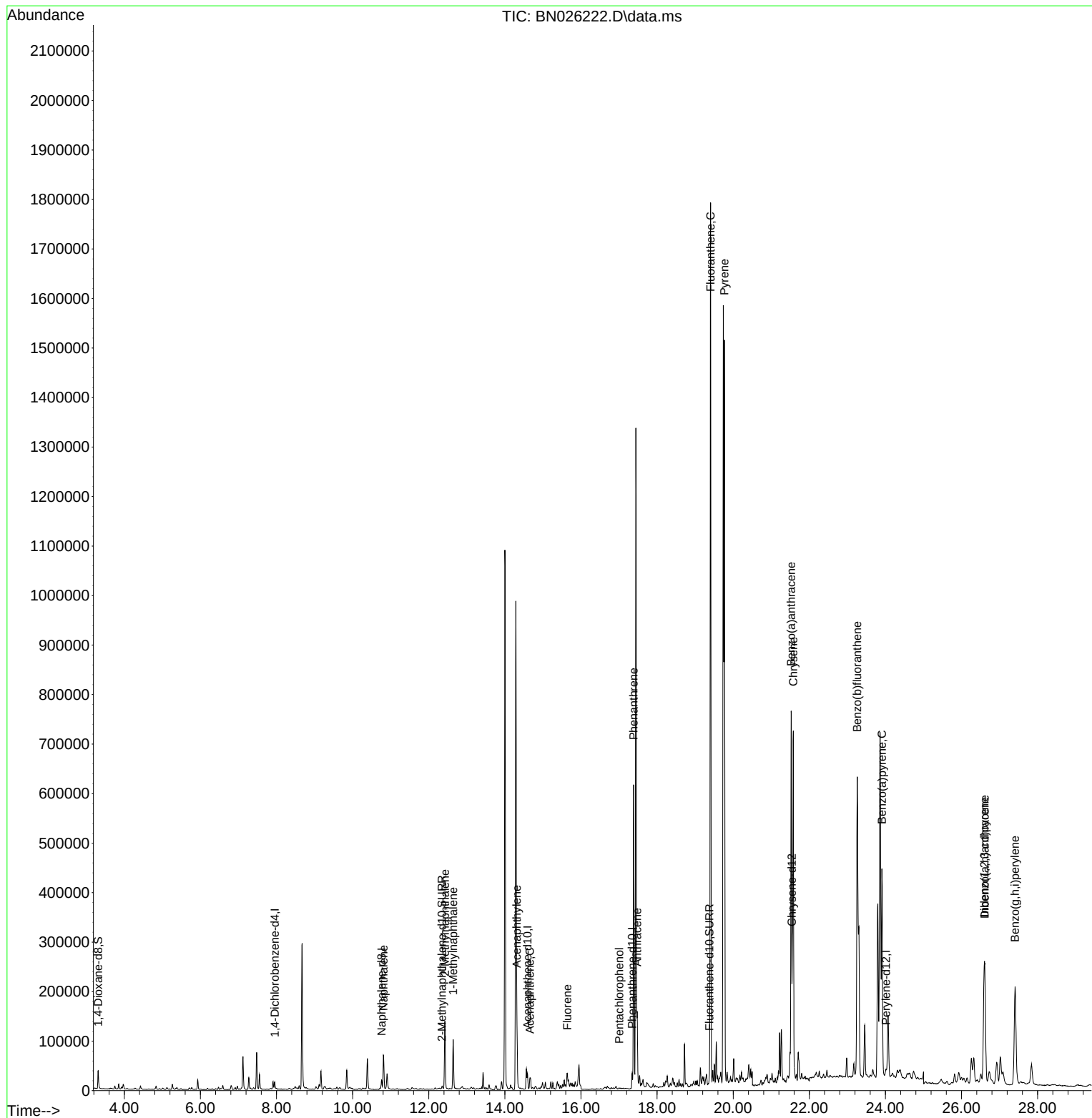
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8120	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	25624	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.593	164	17603	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	34951	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	20409	0.400	ng/ul	# 0.00
23) Perylene-d12	24.016	264	20024	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	25154	2.751	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.348	152	8438	0.214	ng/ul	-0.02
18) Fluoranthene-d10	19.373	212	18969	0.244	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.809	128	100079	1.363	ng/ul	100
7) 2-Methylnaphthalene	12.425	142	101626	2.173	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	70136	1.447	ng/ul	99
10) Acenaphthylene	14.316	152	149158	1.810	ng/ul	99
11) Acenaphthene	14.658	153	15497	0.230	ng/ul	95
12) Fluorene	15.643	166	19235	0.249	ng/ul#	91
14) Pentachlorophenol	17.005	266	277	0.022	ng/ul	93
15) Phenanthrene	17.385	178	661355	5.729	ng/ul	99
16) Anthracene	17.478	178	146612	1.429	ng/ul	100
19) Fluoranthene	19.405	202	1541984	14.146	ng/ul	96
20) Pyrene	19.768	202	1261233	11.124	ng/ul	95
21) Benzo(a)anthracene	21.523	228	655451	7.785	ng/ul	96
22) Chrysene	21.579	228	788027	8.995	ng/ul	97
24) Benzo(b)fluoranthene	23.259	252	1405744	16.448	ng/ul	89
26) Benzo(a)pyrene	23.908	252	609174	8.207	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.604	276	484297	5.973	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.611	278	126535	2.062	ng/ul	99
29) Benzo(g,h,i)perylene	27.406	276	451344	6.258	ng/ul#	93

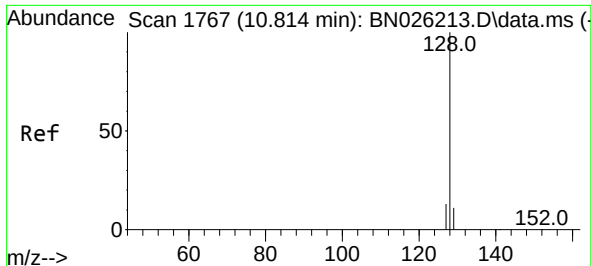
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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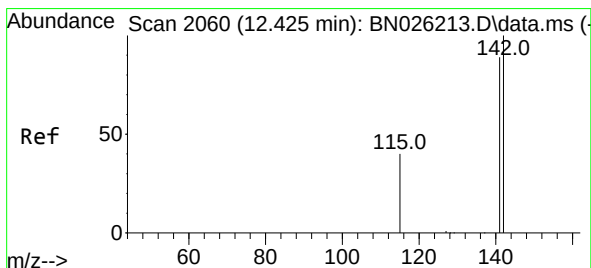
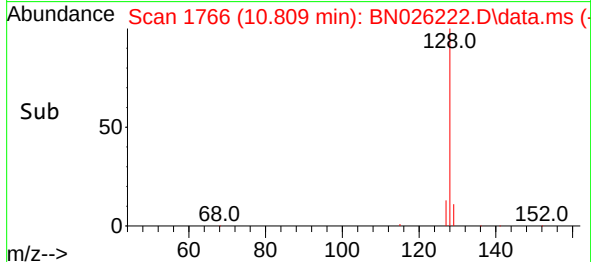
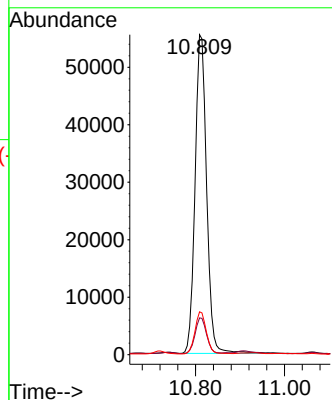
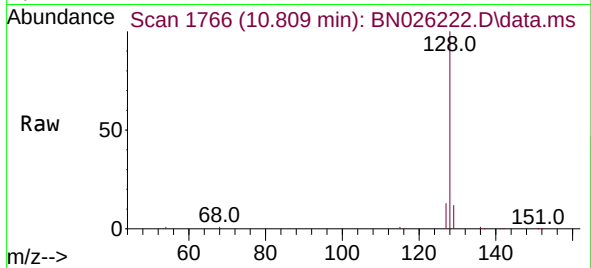




#5
Naphthalene
Concen: 1.363 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.016 min
Lab File: BN026222.D
Acq: 03 Jul 2023 12:29

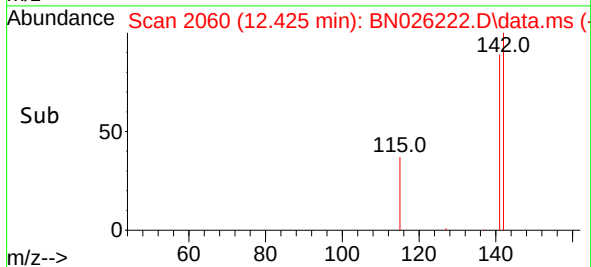
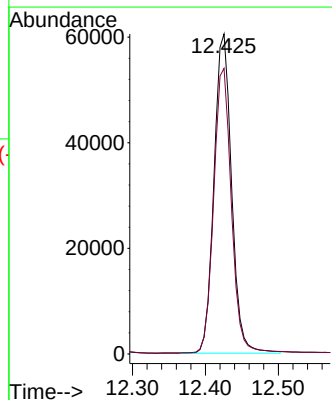
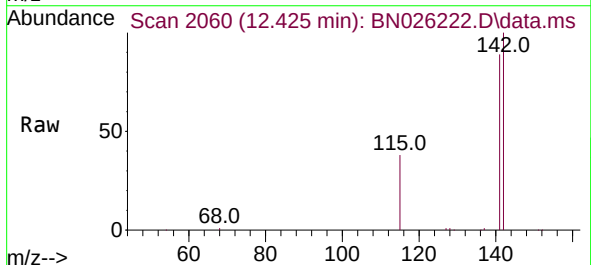
Instrument :
BNA_N
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DCGJ2

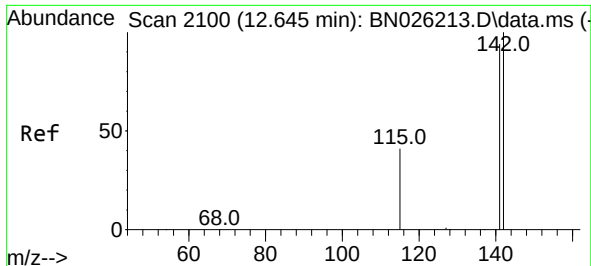
Tgt Ion:128 Resp: 100079
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.4 10.7 16.1



#7
2-Methylnaphthalene
Concen: 2.173 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026222.D
Acq: 03 Jul 2023 12:29

Tgt Ion:142 Resp: 101626
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9

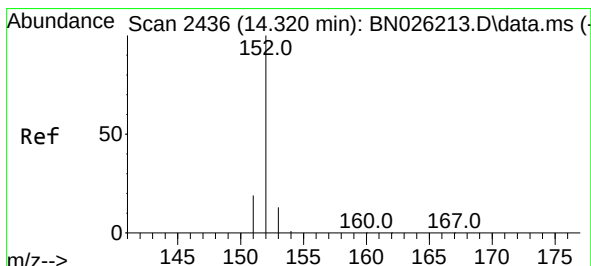
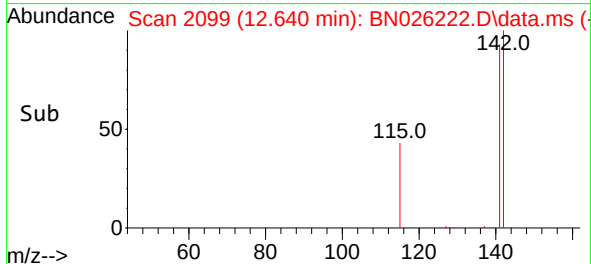
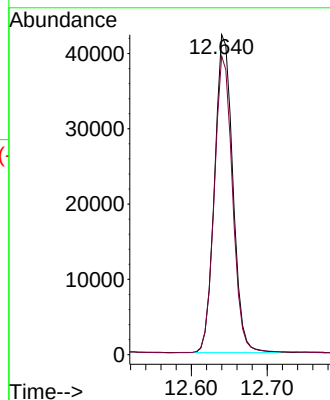
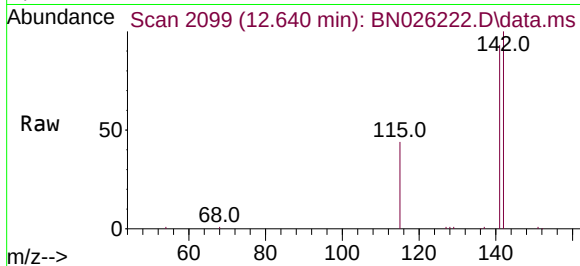




#8
1-Methylnaphthalene
Concen: 1.447 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BN026222.D
Acq: 03 Jul 2023 12:29

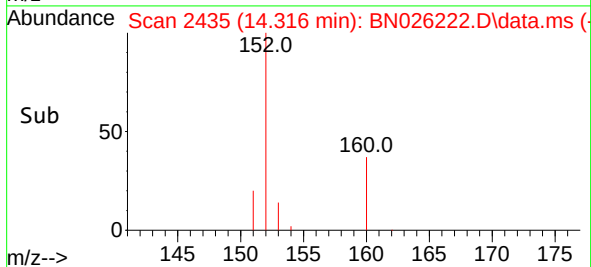
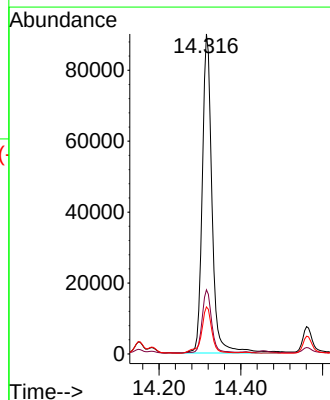
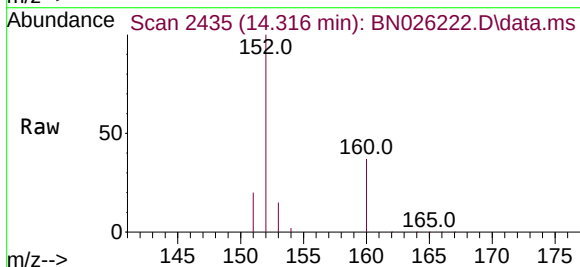
Instrument :
BNA_N
ClientSampleId :
DCGJ2

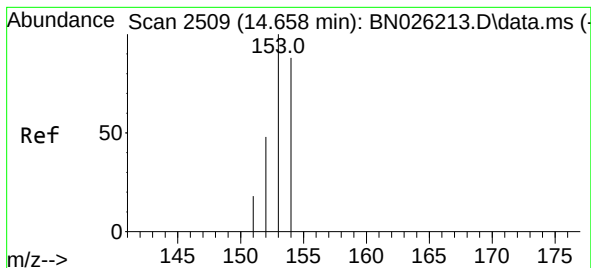
Tgt Ion:142 Resp: 70136
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4



#10
Acenaphthylene
Concen: 1.810 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026222.D
Acq: 03 Jul 2023 12:29

Tgt Ion:152 Resp: 149158
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.7 10.9 16.3





#11

Acenaphthene

Concen: 0.230 ng/ul

RT: 14.658 min Scan# 2509

Delta R.T. -0.010 min

Lab File: BN026222.D

Acq: 03 Jul 2023 12:29

Instrument :

BNA_N

ClientSampleId :

DCGJ2

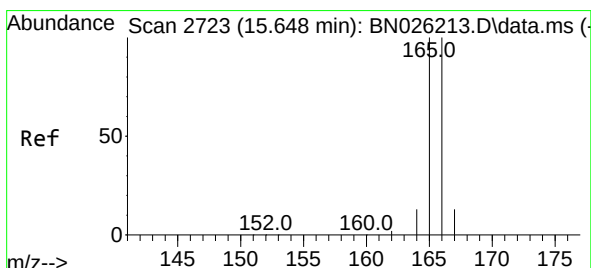
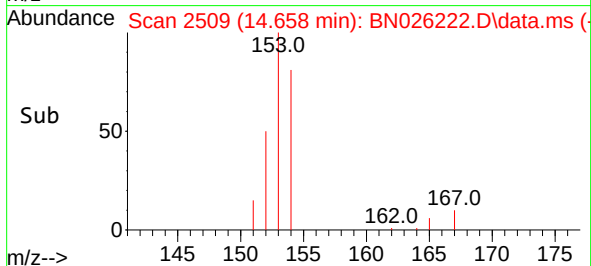
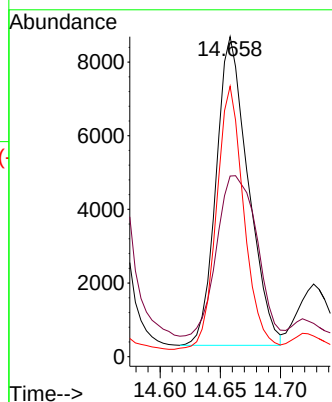
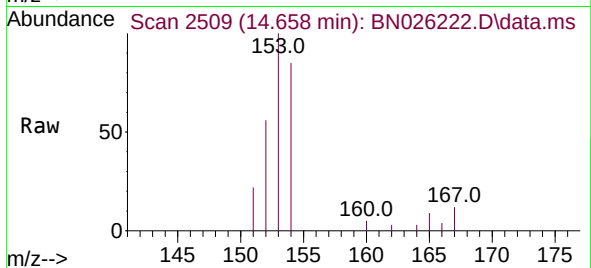
Tgt Ion:153 Resp: 15497

Ion Ratio Lower Upper

153 100

152 56.4 39.4 59.0

154 84.5 68.9 103.3



#12

Fluorene

Concen: 0.249 ng/ul

RT: 15.643 min Scan# 2722

Delta R.T. -0.010 min

Lab File: BN026222.D

Acq: 03 Jul 2023 12:29

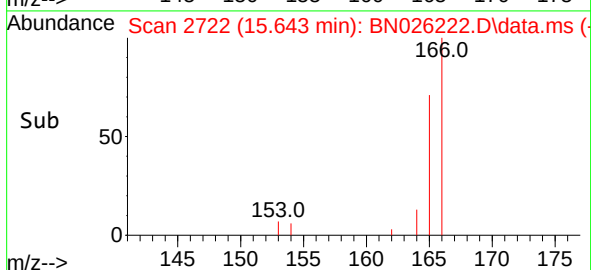
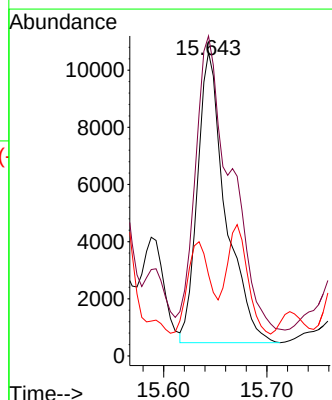
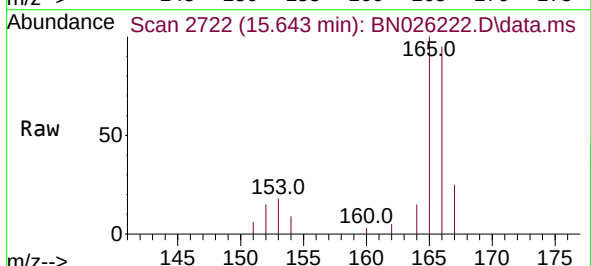
Tgt Ion:166 Resp: 19235

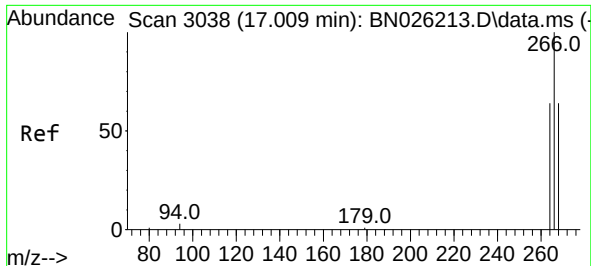
Ion Ratio Lower Upper

166 100

165 105.4 79.9 119.9

167 26.8 10.8 16.2#

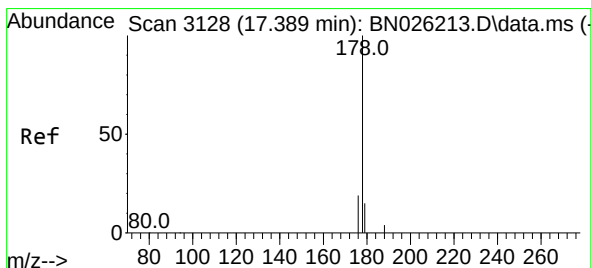
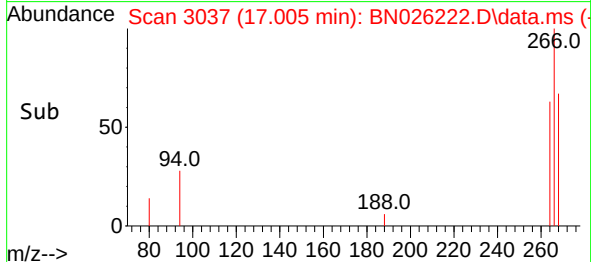
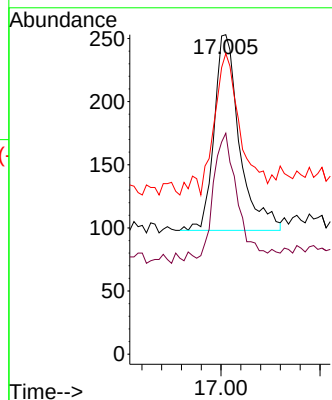
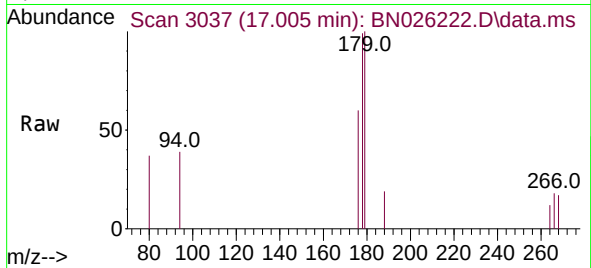




#14
 Pentachlorophenol
 Concen: 0.022 ng/ul
 RT: 17.005 min Scan# 3038
 Delta R.T. -0.005 min
 Lab File: BN026222.D
 Acq: 03 Jul 2023 12:29

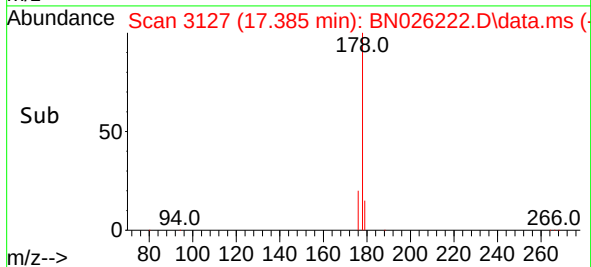
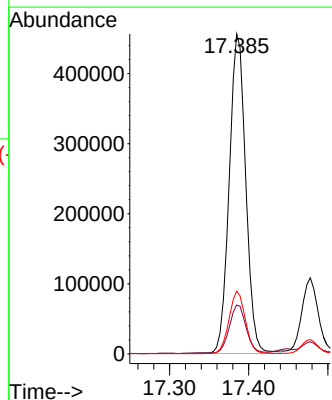
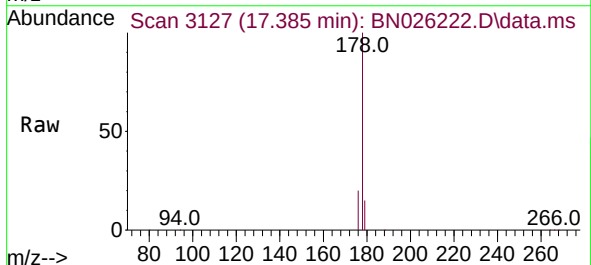
Instrument :
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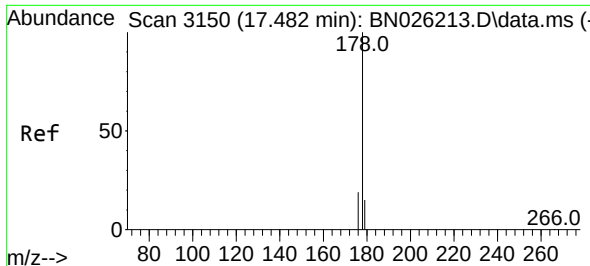
Tgt Ion:266 Resp: 277
 Ion Ratio Lower Upper
 266 100
 264 60.6 50.5 75.7
 268 72.2 51.6 77.4



#15
 Phenanthrene
 Concen: 5.729 ng/ul
 RT: 17.385 min Scan# 3127
 Delta R.T. -0.009 min
 Lab File: BN026222.D
 Acq: 03 Jul 2023 12:29

Tgt Ion:178 Resp: 661355
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.6 19.0
 176 19.7 15.8 23.6

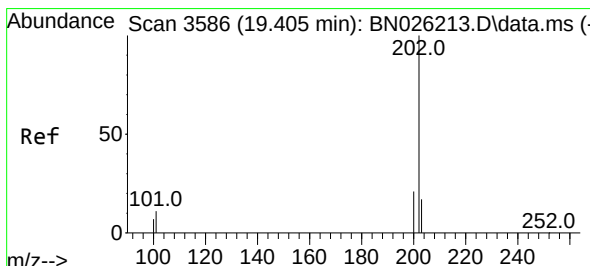
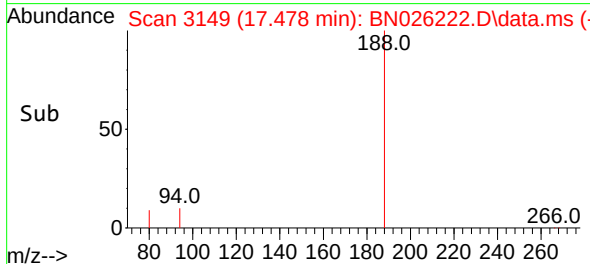
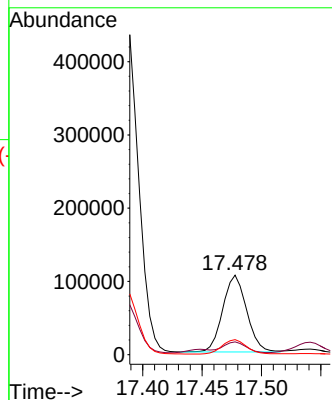
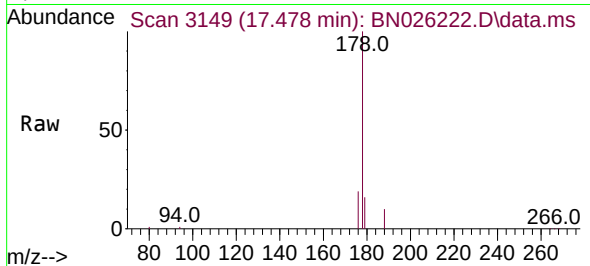




#16
 Anthracene
 Concen: 1.429 ng/ul
 RT: 17.478 min Scan# 3150
 Delta R.T. -0.009 min
 Lab File: BN026222.D
 Acq: 03 Jul 2023 12:29

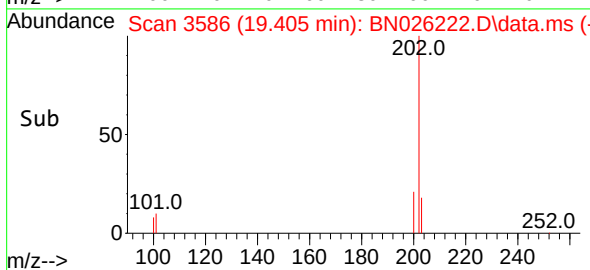
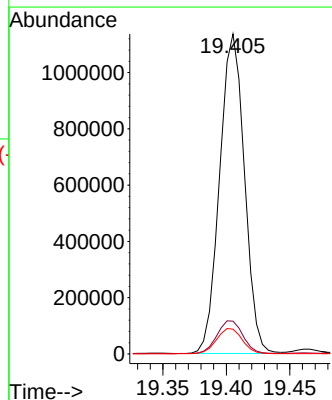
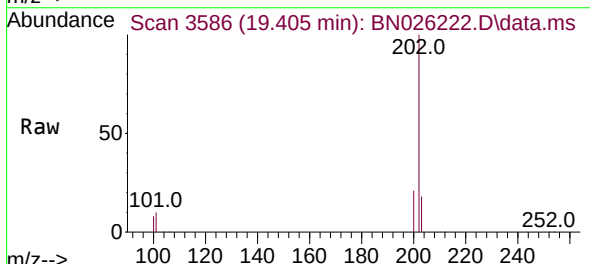
Instrument :
 BNA_N
 ClientSampleId :
 DCGJ2

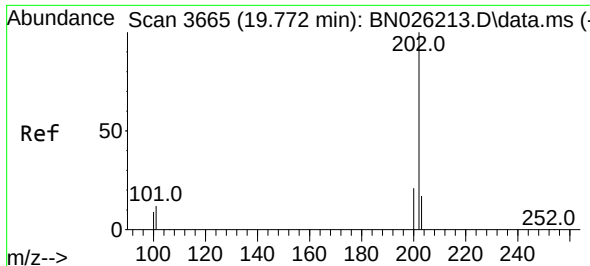
Tgt Ion:178 Resp: 146612
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.6 18.8
 176 19.0 15.1 22.7



#19
 Fluoranthene
 Concen: 14.146 ng/ul
 RT: 19.405 min Scan# 3586
 Delta R.T. -0.005 min
 Lab File: BN026222.D
 Acq: 03 Jul 2023 12:29

Tgt Ion:202 Resp: 1541984
 Ion Ratio Lower Upper
 202 100
 101 10.3 9.5 14.3
 100 7.7 7.3 10.9

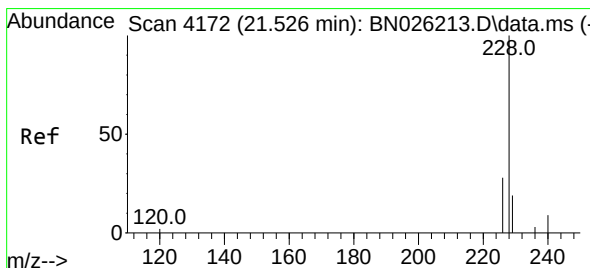
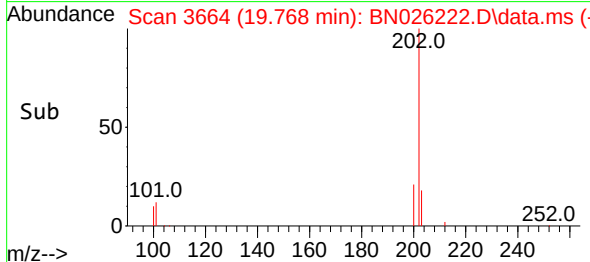
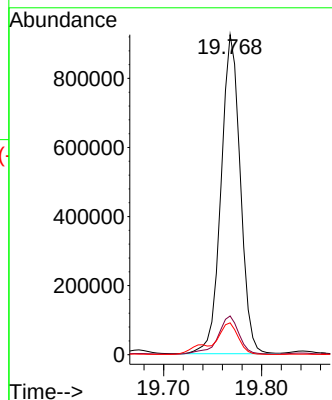
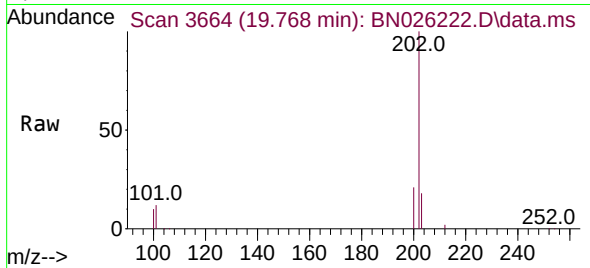




#20
 Pyrene
 Concen: 11.124 ng/ul
 RT: 19.768 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BN026222.D
 Acq: 03 Jul 2023 12:29

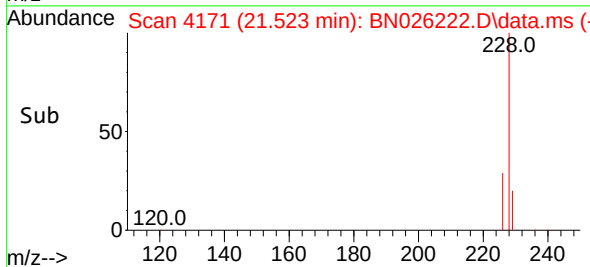
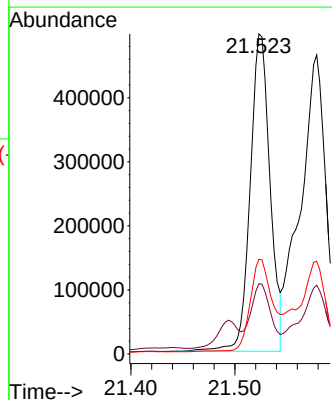
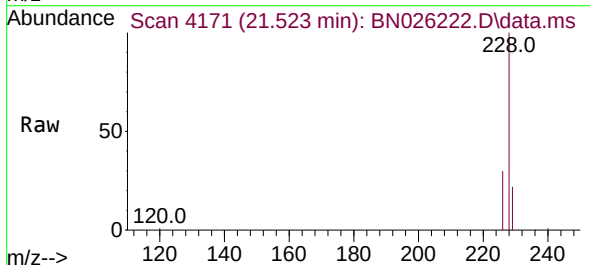
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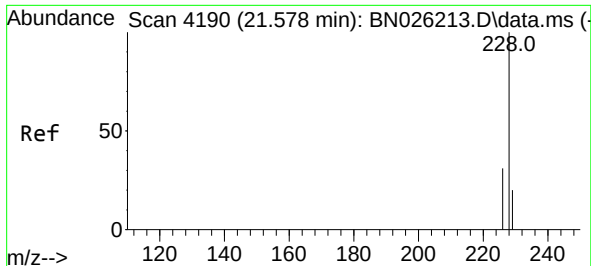
Tgt Ion:202 Resp: 1261233
 Ion Ratio Lower Upper
 202 100
 101 12.1 11.4 17.0
 100 9.9 9.1 13.7



#21
 Benzo(a)anthracene
 Concen: 7.785 ng/ul
 RT: 21.523 min Scan# 4171
 Delta R.T. -0.004 min
 Lab File: BN026222.D
 Acq: 03 Jul 2023 12:29

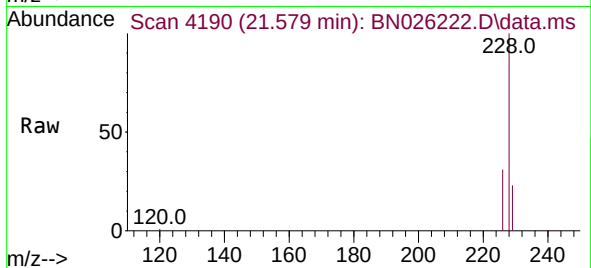
Tgt Ion:228 Resp: 655451
 Ion Ratio Lower Upper
 228 100
 229 21.9 15.8 23.6
 226 29.6 22.5 33.7



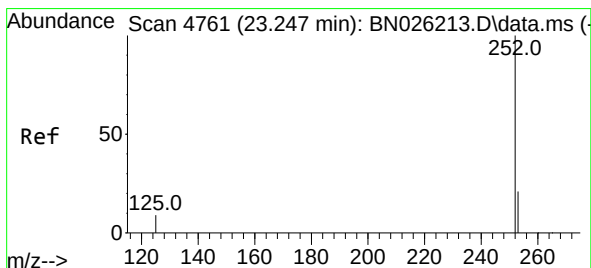
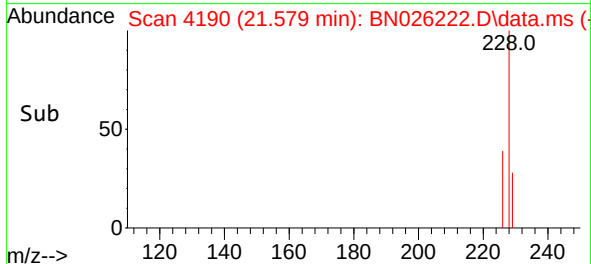
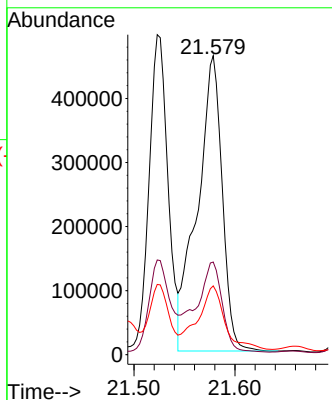


#22
Chrysene
Concen: 8.995 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. -0.001 min
Lab File: BN026222.D
Acq: 03 Jul 2023 12:29

Instrument :
BNA_N
ClientSampleId :
DCGJ2

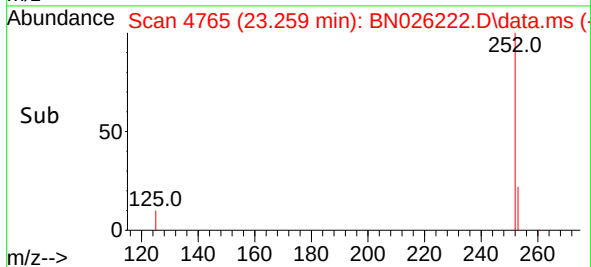
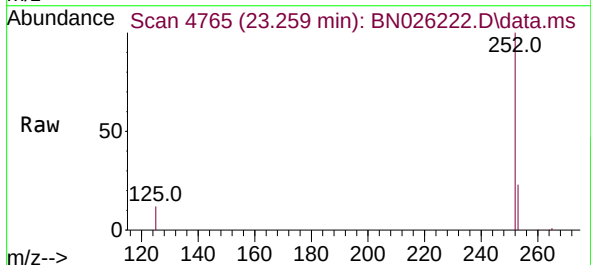
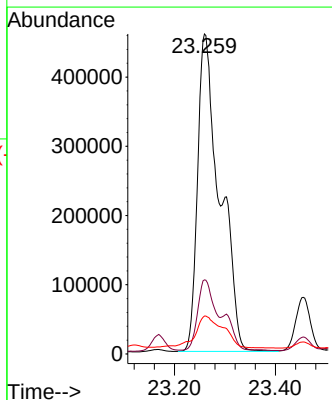


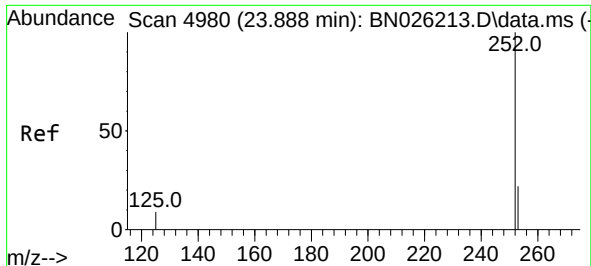
Tgt Ion:228 Resp: 788027
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 23.0 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 16.448 ng/ul
RT: 23.259 min Scan# 4765
Delta R.T. 0.017 min
Lab File: BN026222.D
Acq: 03 Jul 2023 12:29

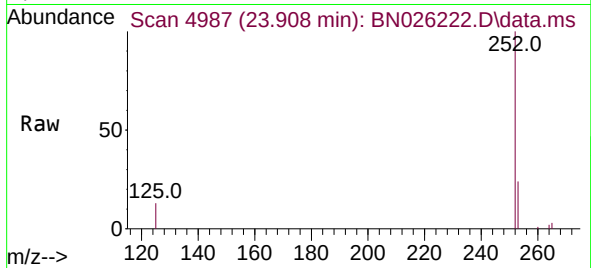
Tgt Ion:252 Resp: 1405744
Ion Ratio Lower Upper
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253 23.2 0.0 55.6
125 11.8 0.0 35.8



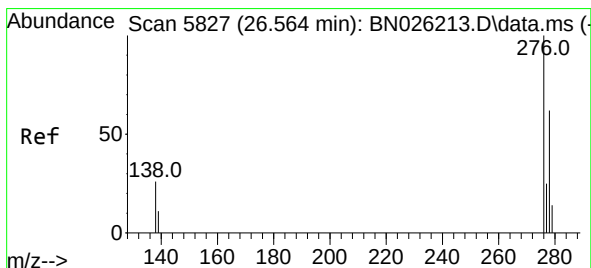
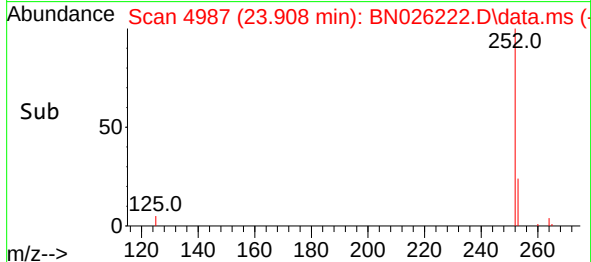
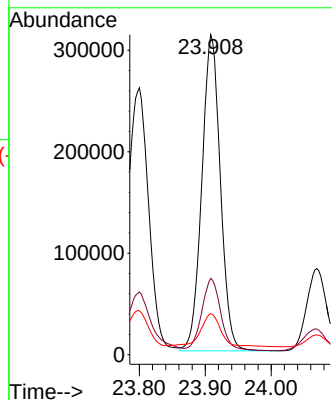


#26
Benzo(a)pyrene
Concen: 8.207 ng/ul
RT: 23.908 min Scan# 4987
Delta R.T. 0.023 min
Lab File: BN026222.D
Acq: 03 Jul 2023 12:29

Instrument :
BNA_N
ClientSampleId :
DCGJ2

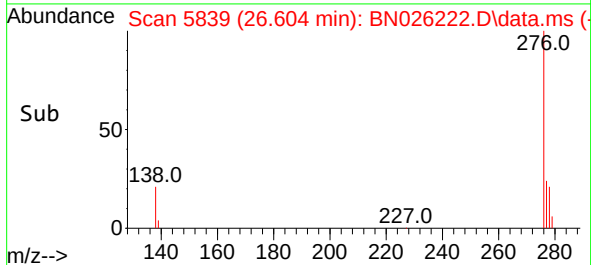
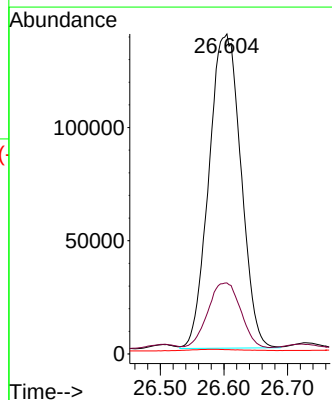
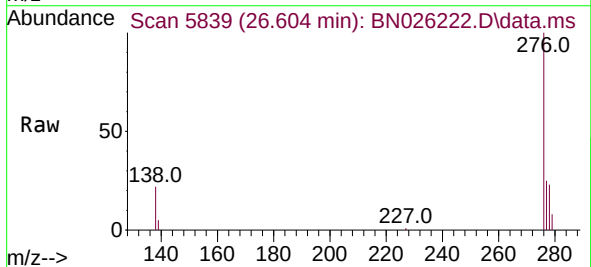


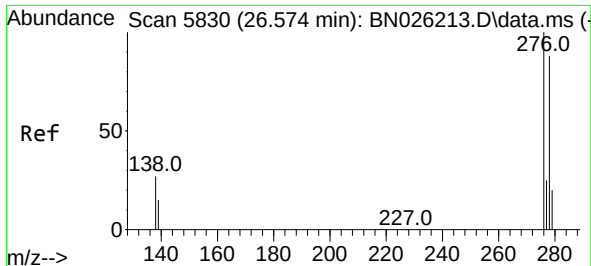
Tgt Ion:252 Resp: 609174
Ion Ratio Lower Upper
252 100
253 23.9 26.0 39.0#
125 12.8 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.973 ng/ul
RT: 26.604 min Scan# 5839
Delta R.T. 0.046 min
Lab File: BN026222.D
Acq: 03 Jul 2023 12:29

Tgt Ion:276 Resp: 484297
Ion Ratio Lower Upper
276 100
138 21.2 24.5 36.7#
227 0.9 0.0 0.0#

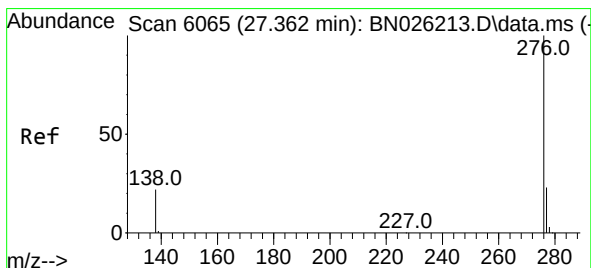
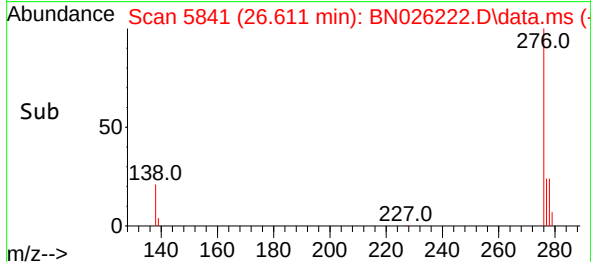
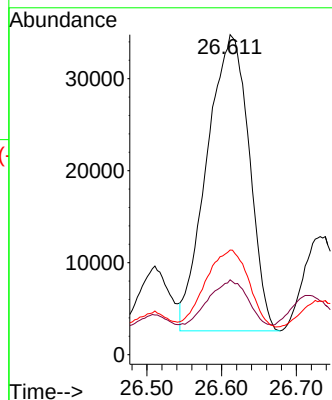
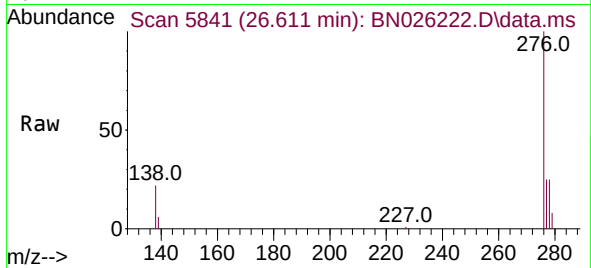




#28
Dibenzo(a,h)anthracene
Concen: 2.062 ng/ul
RT: 26.611 min Scan# 5841
Delta R.T. 0.033 min
Lab File: BN026222.D
Acq: 03 Jul 2023 12:29

Instrument :
BNA_N
ClientSampleId :
DCGJ2

Tgt Ion:278 Resp: 126535
Ion Ratio Lower Upper
278 100
139 23.4 19.0 28.4
279 32.7 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 6.258 ng/ul
RT: 27.406 min Scan# 6078
Delta R.T. 0.060 min
Lab File: BN026222.D
Acq: 03 Jul 2023 12:29

Tgt Ion:276 Resp: 451344
Ion Ratio Lower Upper
276 100
138 22.6 23.4 35.0#
277 24.2 20.0 30.0

