

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022122\
 Data File : BN018664.D
 Acq On : 21 Feb 2022 13:45
 Operator : CG/JU
 Sample : N1486-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3943

Quant Time: Feb 21 14:13:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 18 13:39:55 2022
 Response via : Initial Calibration

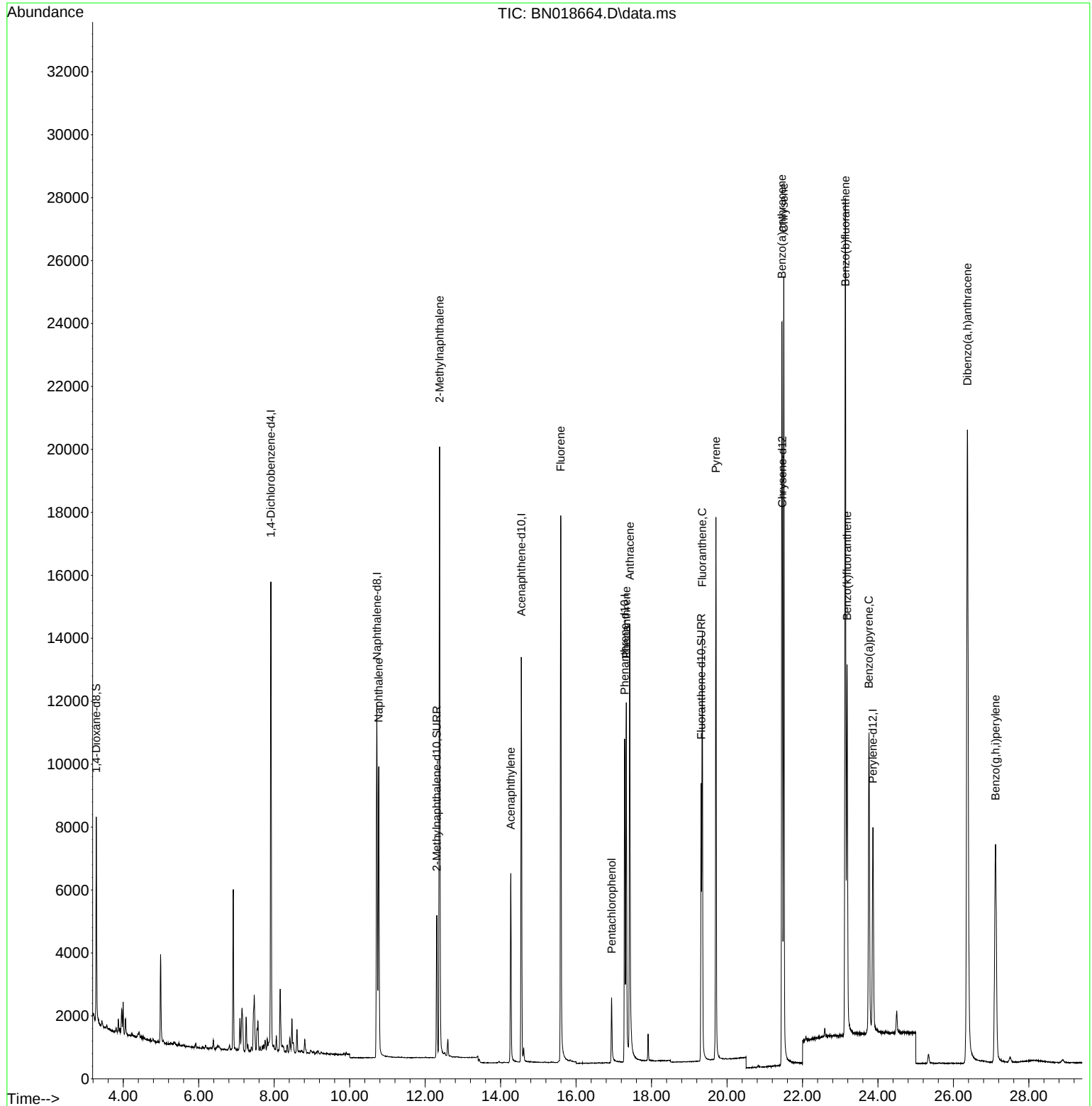
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	6526	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	15831	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.552	164	7324	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	12898	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.468	240	10057	0.400	ng/ul	# 0.00
23) Perylene-d12	23.867	264	9251	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	4097	0.553	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.310	152	6022	0.278	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	9987	0.332	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	12768	0.285	ng/ul	99
7) 2-Methylnaphthalene	12.381	142	14030	0.485	ng/ul	100
10) Acenaphthylene	14.269	152	7288	0.221	ng/ul	98
12) Fluorene	15.593	166	12585	0.443	ng/ul	98
14) Pentachlorophenol	16.942	266	1592	0.605	ng/ul	99
15) Phenanthrene	17.330	178	12421	0.293	ng/ul	99
16) Anthracene	17.423	178	17228	0.455	ng/ul	99
19) Fluoranthene	19.345	202	11840	0.280	ng/ul#	94
20) Pyrene	19.707	202	15349	0.352	ng/ul#	94
21) Benzo(a)anthracene	21.453	228	19187	0.492	ng/ul	99
22) Chrysene	21.506	228	22104	0.545	ng/ul	100
24) Benzo(b)fluoranthene	23.136	252	35057	0.852	ng/ul	96
25) Benzo(k)fluoranthene	23.183	252	16351	0.398	ng/ul#	95
26) Benzo(a)pyrene	23.762	252	14717	0.405	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.370	278	33319	0.918	ng/ul#	95
29) Benzo(g,h,i)perylene	27.114	276	15599	0.394	ng/ul#	92

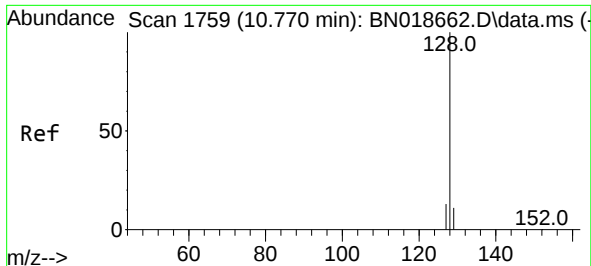
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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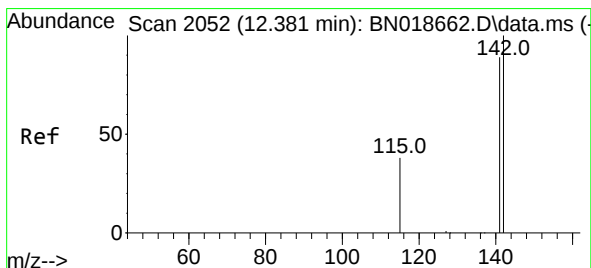
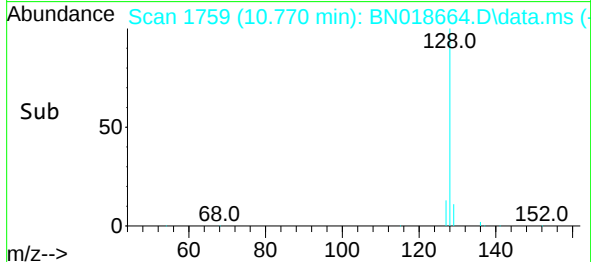
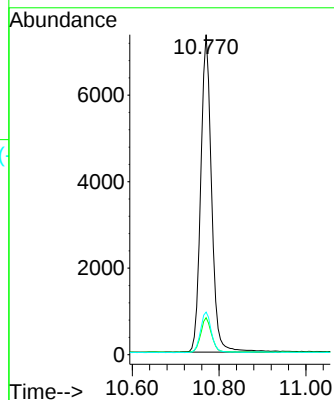
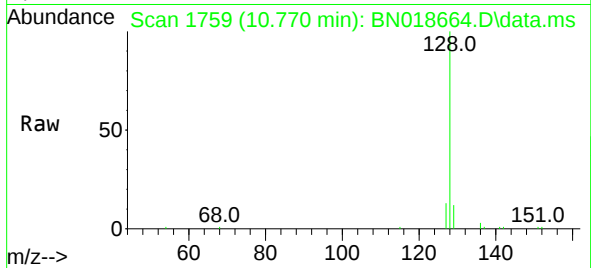




#5
Naphthalene
Concen: 0.285 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.004 min
Lab File: BN018664.D
Acq: 21 Feb 2022 13:45

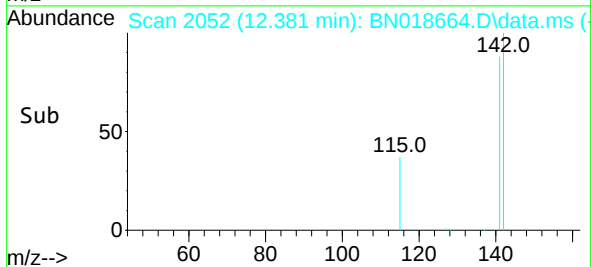
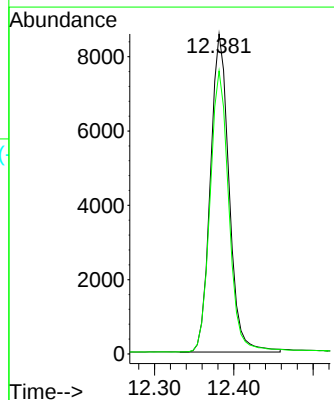
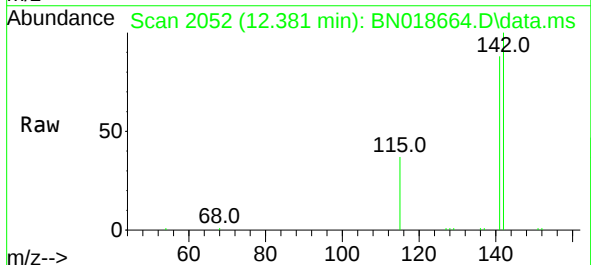
Instrument :
BNA_N
ClientSampleId :
X3943

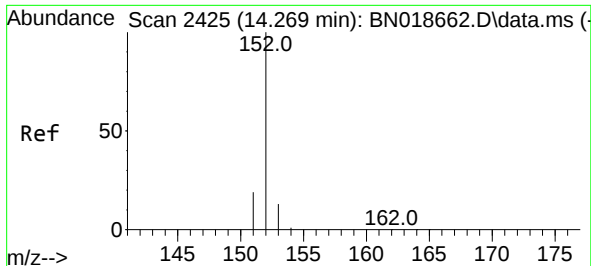
Tgt Ion:128 Resp: 12768
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.3 11.0 16.6



#7
2-Methylnaphthalene
Concen: 0.485 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BN018664.D
Acq: 21 Feb 2022 13:45

Tgt Ion:142 Resp: 14030
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3

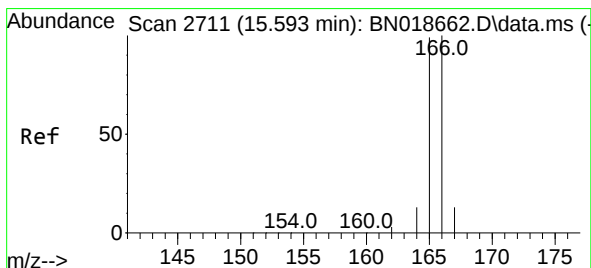
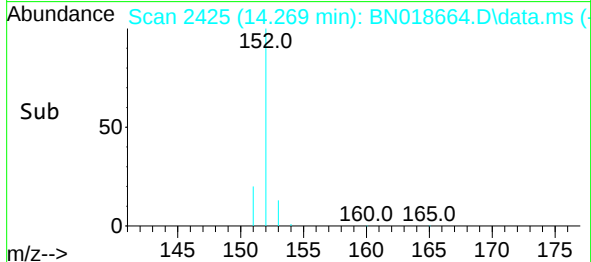
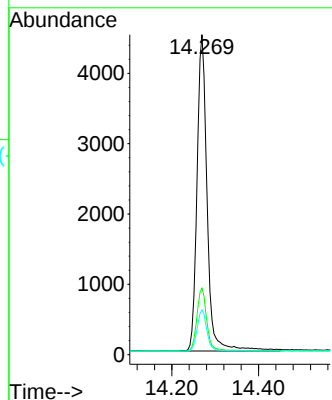
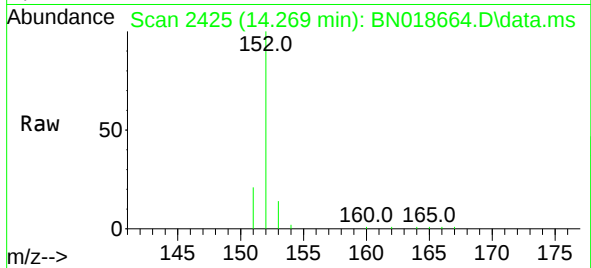




#10
Acenaphthylene
Concen: 0.221 ng/ul
RT: 14.269 min Scan# 2425
Delta R.T. 0.001 min
Lab File: BN018664.D
Acq: 21 Feb 2022 13:45

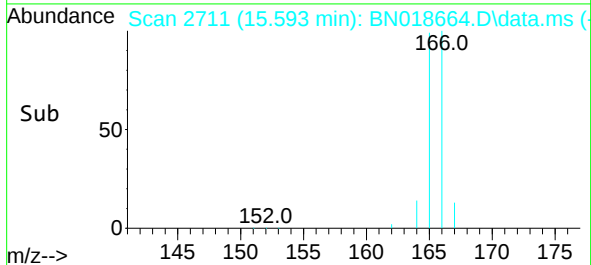
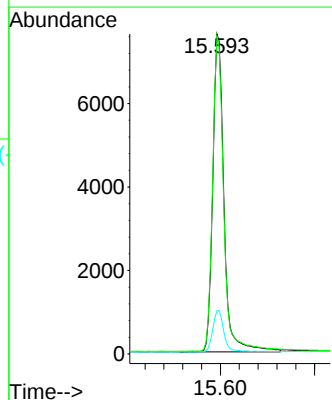
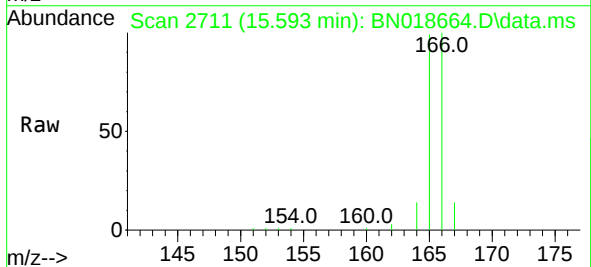
Instrument :
BNA_N
ClientSampleId :
X3943

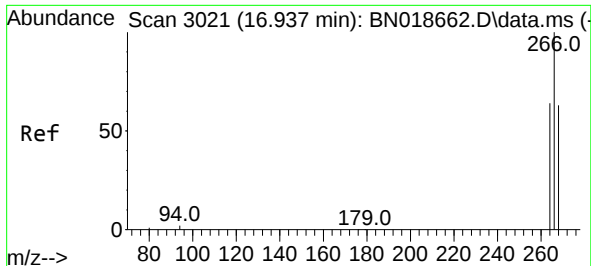
Tgt Ion:152 Resp: 7288
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.8
153 14.0 10.7 16.1



#12
Fluorene
Concen: 0.443 ng/ul
RT: 15.593 min Scan# 2711
Delta R.T. -0.004 min
Lab File: BN018664.D
Acq: 21 Feb 2022 13:45

Tgt Ion:166 Resp: 12585
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.6
167 13.6 11.6 17.4

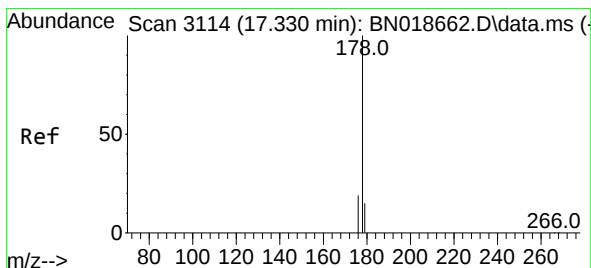
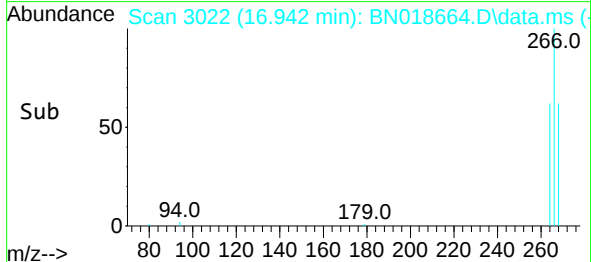
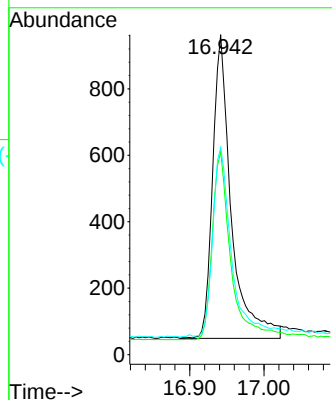
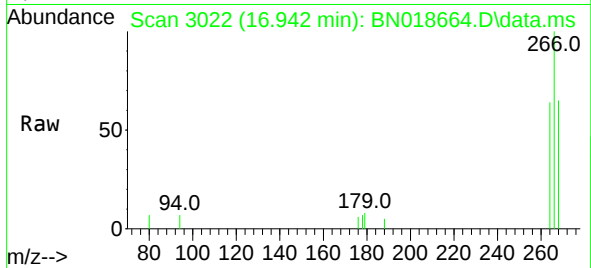




#14
 Pentachlorophenol
 Concen: 0.605 ng/u1
 RT: 16.942 min Scan# 3021
 Delta R.T. 0.001 min
 Lab File: BN018664.D
 Acq: 21 Feb 2022 13:45

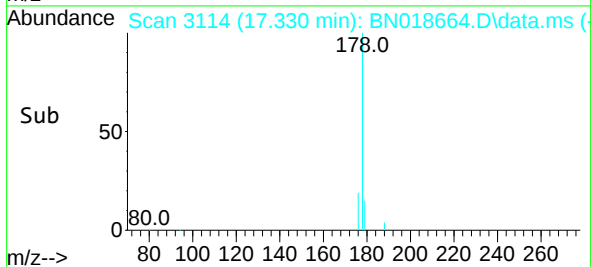
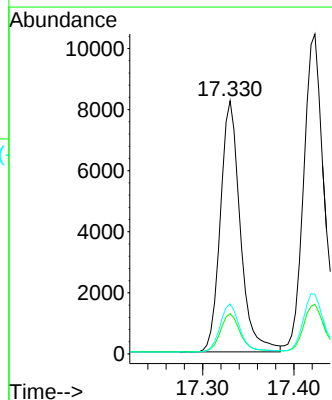
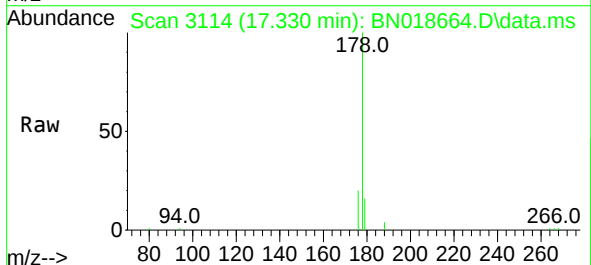
Instrument :
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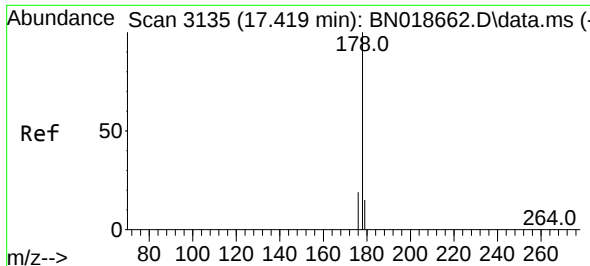
Tgt Ion:266 Resp: 1592
 Ion Ratio Lower Upper
 266 100
 264 62.1 49.9 74.9
 268 62.9 51.7 77.5



#15
 Phenanthrene
 Concen: 0.293 ng/u1
 RT: 17.330 min Scan# 3114
 Delta R.T. 0.001 min
 Lab File: BN018664.D
 Acq: 21 Feb 2022 13:45

Tgt Ion:178 Resp: 12421
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.2 18.4
 176 19.8 15.4 23.2

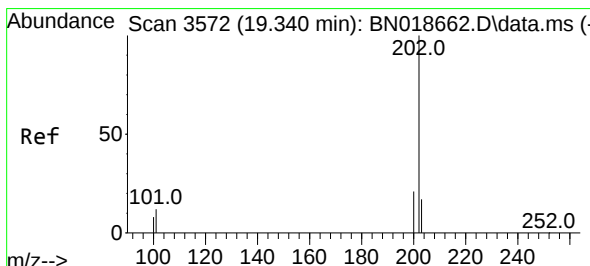
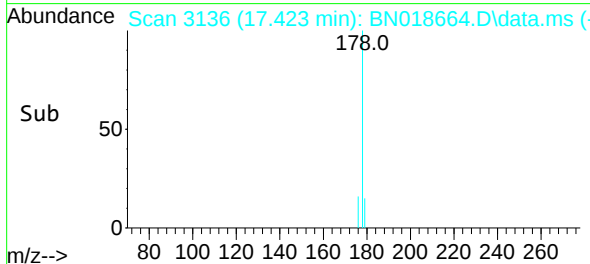
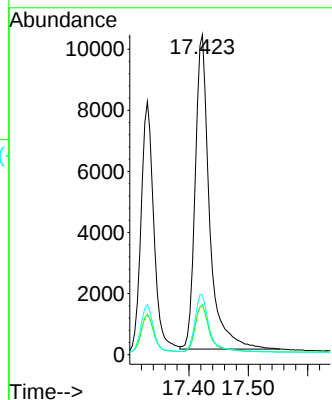
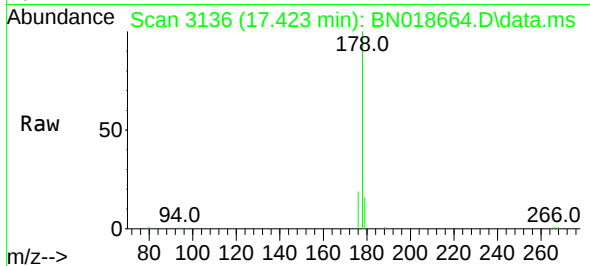




#16
 Anthracene
 Concen: 0.455 ng/ul
 RT: 17.423 min Scan# 3135
 Delta R.T. 0.001 min
 Lab File: BN018664.D
 Acq: 21 Feb 2022 13:45

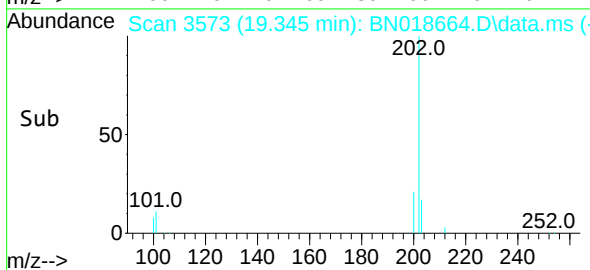
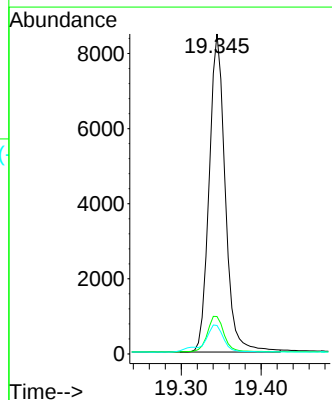
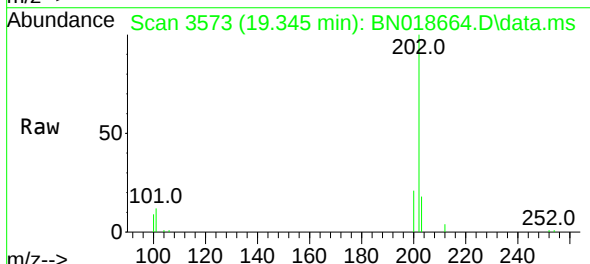
Instrument :
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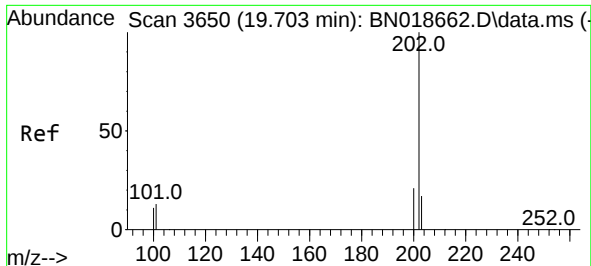
Tgt Ion:178 Resp: 17228
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 18.6 15.5 23.3



#19
 Fluoranthene
 Concen: 0.280 ng/ul
 RT: 19.345 min Scan# 3573
 Delta R.T. 0.001 min
 Lab File: BN018664.D
 Acq: 21 Feb 2022 13:45

Tgt Ion:202 Resp: 11840
 Ion Ratio Lower Upper
 202 100
 101 11.7 7.5 11.3#
 100 8.9 5.4 8.2#

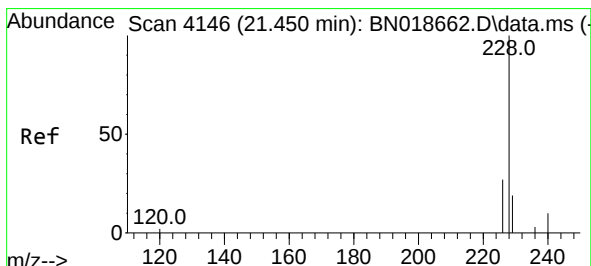
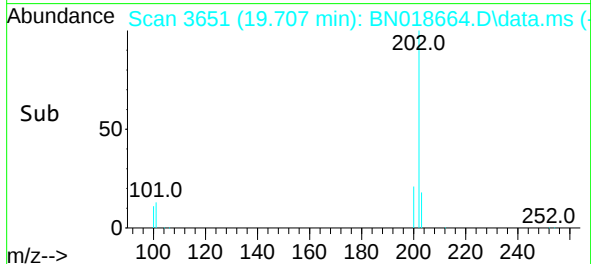
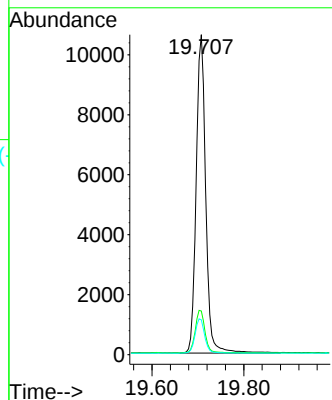
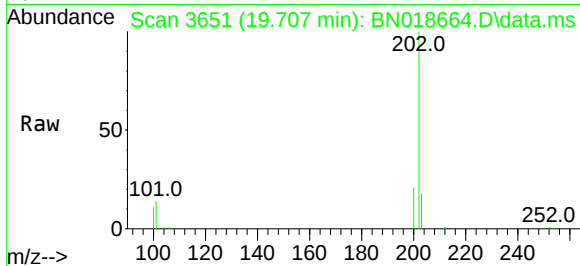




#20
Pyrene
Concen: 0.352 ng/u1
RT: 19.707 min Scan# 3650
Delta R.T. 0.001 min
Lab File: BN018664.D
Acq: 21 Feb 2022 13:45

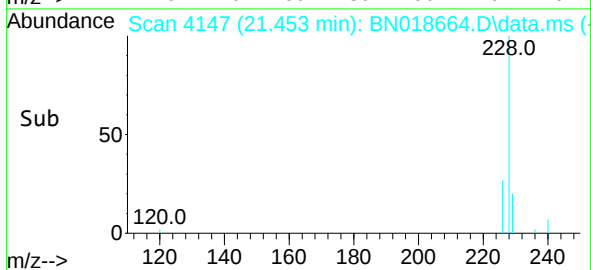
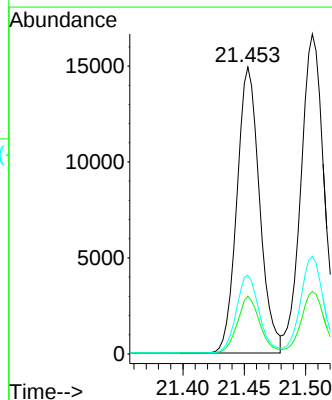
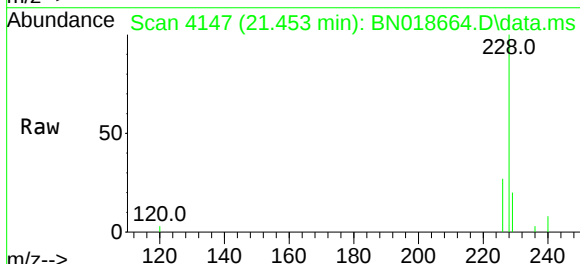
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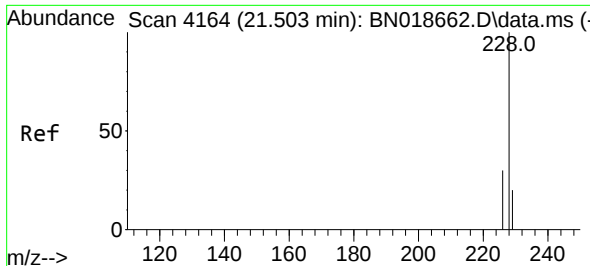
Tgt Ion:202 Resp: 15349
Ion Ratio Lower Upper
202 100
101 13.6 9.0 13.4#
100 10.9 7.0 10.4#



#21
Benzo(a)anthracene
Concen: 0.492 ng/u1
RT: 21.453 min Scan# 4147
Delta R.T. 0.001 min
Lab File: BN018664.D
Acq: 21 Feb 2022 13:45

Tgt Ion:228 Resp: 19187
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 27.4 22.1 33.1





#22

Chrysene

Concen: 0.545 ng/ul

RT: 21.506 min Scan# 4165

Delta R.T. 0.001 min

Lab File: BN018664.D

Acq: 21 Feb 2022 13:45

Instrument :

BNA_N

ClientSampleId :

X3943

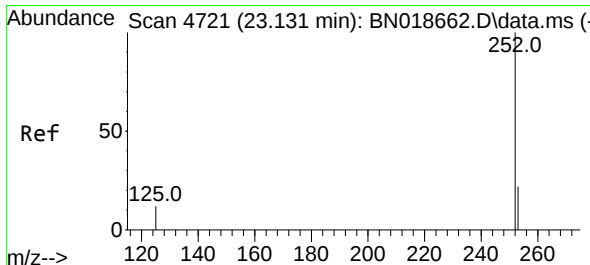
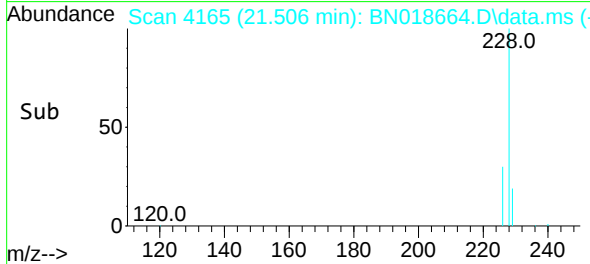
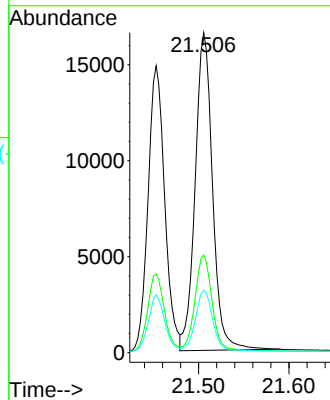
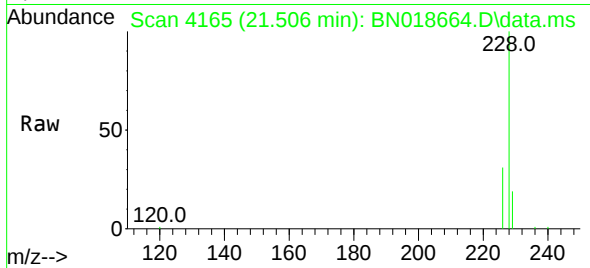
Tgt Ion:228 Resp: 22104

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

229 19.5 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.852 ng/ul

RT: 23.136 min Scan# 4723

Delta R.T. 0.001 min

Lab File: BN018664.D

Acq: 21 Feb 2022 13:45

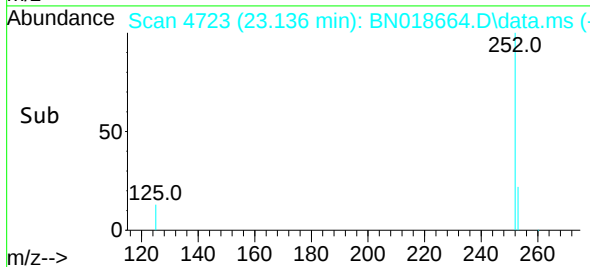
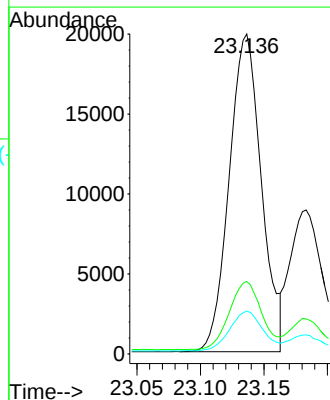
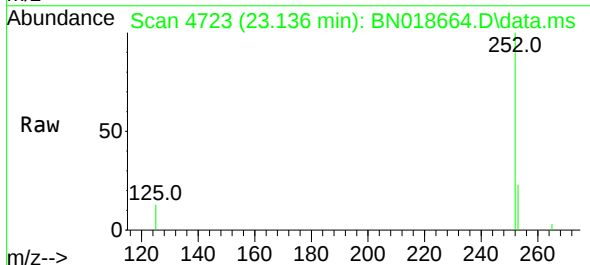
Tgt Ion:252 Resp: 35057

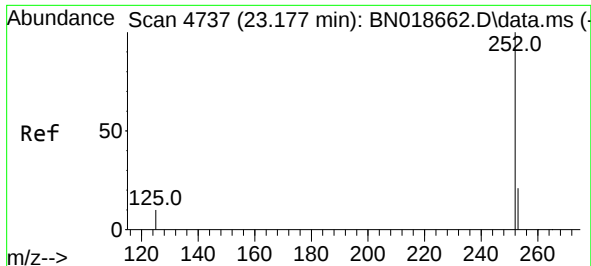
Ion Ratio Lower Upper

252 100

253 22.7 0.0 46.4

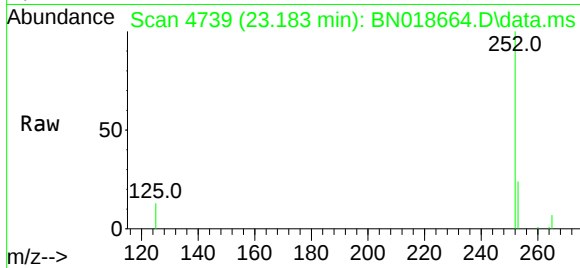
125 13.4 0.0 17.8



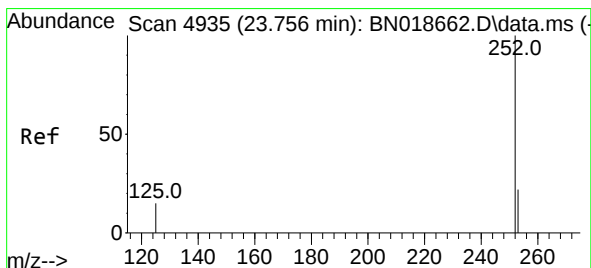
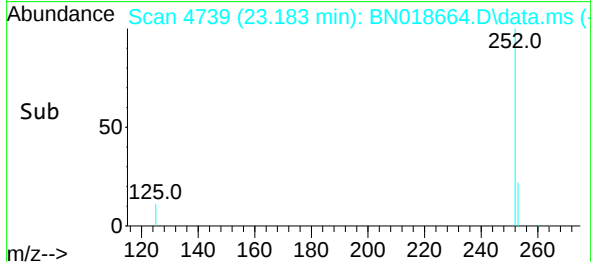
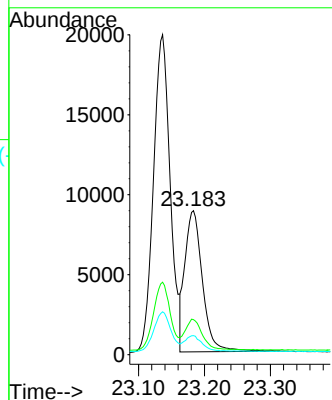


#25
Benzo(k)fluoranthene
Concen: 0.398 ng/u1
RT: 23.183 min Scan# 4739
Delta R.T. 0.001 min
Lab File: BN018664.D
Acq: 21 Feb 2022 13:45

Instrument :
BNA_N
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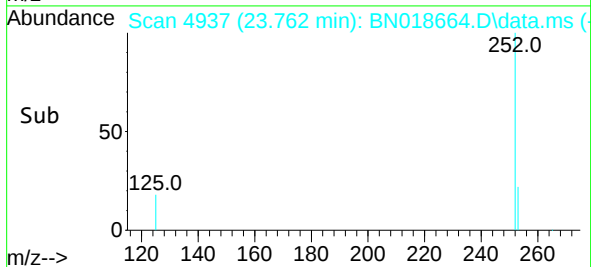
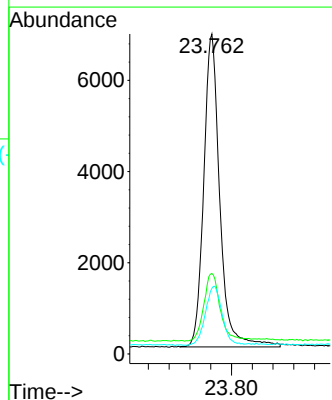
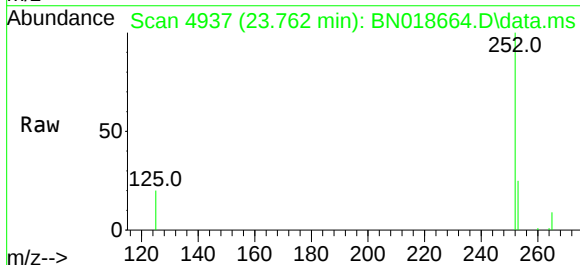


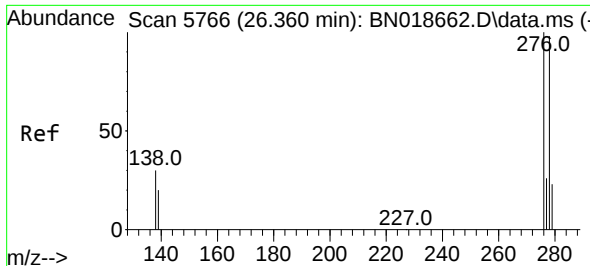
Tgt Ion:252 Resp: 16351
Ion Ratio Lower Upper
252 100
253 24.3 18.6 28.0
125 13.2 7.3 10.9#



#26
Benzo(a)pyrene
Concen: 0.405 ng/u1
RT: 23.762 min Scan# 4937
Delta R.T. 0.001 min
Lab File: BN018664.D
Acq: 21 Feb 2022 13:45

Tgt Ion:252 Resp: 14717
Ion Ratio Lower Upper
252 100
253 25.2 18.9 28.3
125 20.5 8.2 12.2#

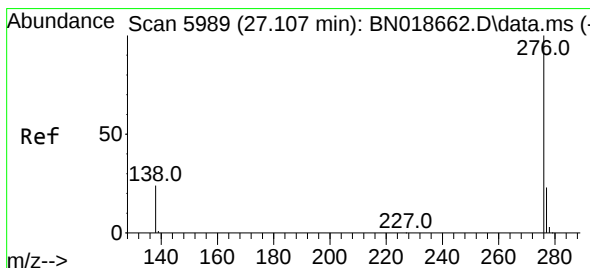
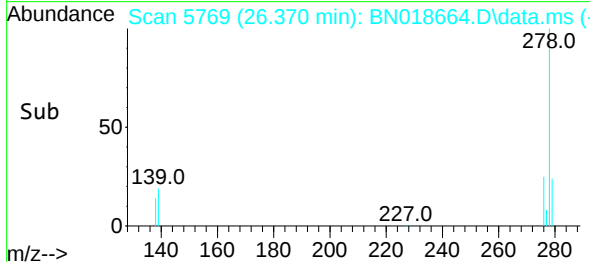
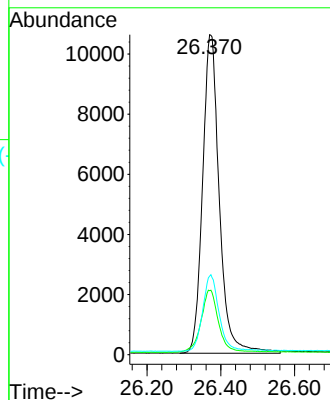
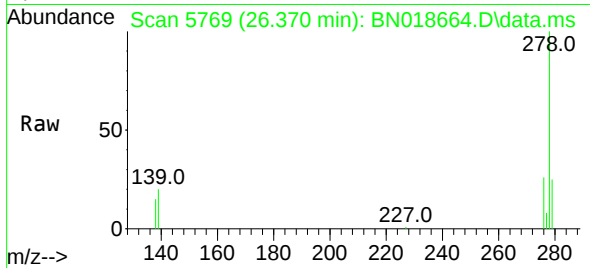




#28
 Dibenzo(a,h)anthracene
 Concen: 0.918 ng/ul
 RT: 26.370 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: BN018664.D
 Acq: 21 Feb 2022 13:45

Instrument :
 BNA_N
 ClientSampleId :
 X3943

Tgt Ion:278 Resp: 33319
 Ion Ratio Lower Upper
 278 100
 139 20.0 11.9 17.9#
 279 24.6 19.5 29.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.394 ng/ul
 RT: 27.114 min Scan# 5991
 Delta R.T. -0.008 min
 Lab File: BN018664.D
 Acq: 21 Feb 2022 13:45

Tgt Ion:276 Resp: 15599
 Ion Ratio Lower Upper
 276 100
 138 25.8 14.4 21.6#
 277 24.3 19.2 28.8

